Radiation Report

TPS7H3014-SP and TPS7H3014-SEP Total Ionizing Dose (TID) Radiation Report

ABSTRACT

This report discusses the total ionizing dose (TID) parametric results for TPS7H3014-SP, Texas Instruments, 3V to 14V, four-channel radiation-hardness-assured power-supply sequencer. The study was done to determine the TID effects under high dose rate (HDR) up to 100krad(Si). The results show that all samples passed within the specified limits up to 100krad(Si).

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1 Device Information

1.1 Product Description

The TPS7H3014-SP is an integrated, 3V to 14V, four-channel radiation-hardness-assured power-supply sequencer. Channel count can be expanded by connecting multiple devices in a daisy-chain configuration. The device provides sequence up and down control signals for integrated circuits (IC) with active high (*on*) inputs. In addition SEQ_DONE and PWRGD flags are provided to monitor the sequence and power status of the monitored power tree.

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An accurate 599mV ±1% threshold voltage and a 24µA ±3% hysteresis current provide programmable rise and fall monitoring voltages. The rise and fall delay time is globally programmed through a single resistor. A time-to-regulation timer is provided to track the rising voltage on SENSEx.

In addition to these features, a FAULT detection pin is incorporated to monitor internally generated faults and provide increased system level reliability for power sequencing space applications.

The TPS7H3014-SP is packaged in a 22-pin CFP (ceramic flat package) package. A standard microcircuit drawing (SMD) is available for the QML variant, 5962R2320101VXC.

1.2 Device Details

Table 1-1 lists the device information used in this TID HDR characterization.

Table 1-1. Device and Exposure Details

TID Exposure Details	
TI Device	TPS7H3014-SP
TI Part Name	5962R2320101VXC
Package	22-pin CFP (HFT)
Technology	LBC7
Quantity Tested	50
Lot Accept/Reject	All levels tested and passed up to 100krad(Si)
HDR Radiation Facility	Texas Instruments, Dallas, TX
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
HDR Dose Rate	183.827rads(Si)/s (183.819 to 183.831rad(Si)/s)
HDR Radiation Source	Gammacell (Hopewell, GR420) Co-60
Irradiation Temperature	Ambient room temperature

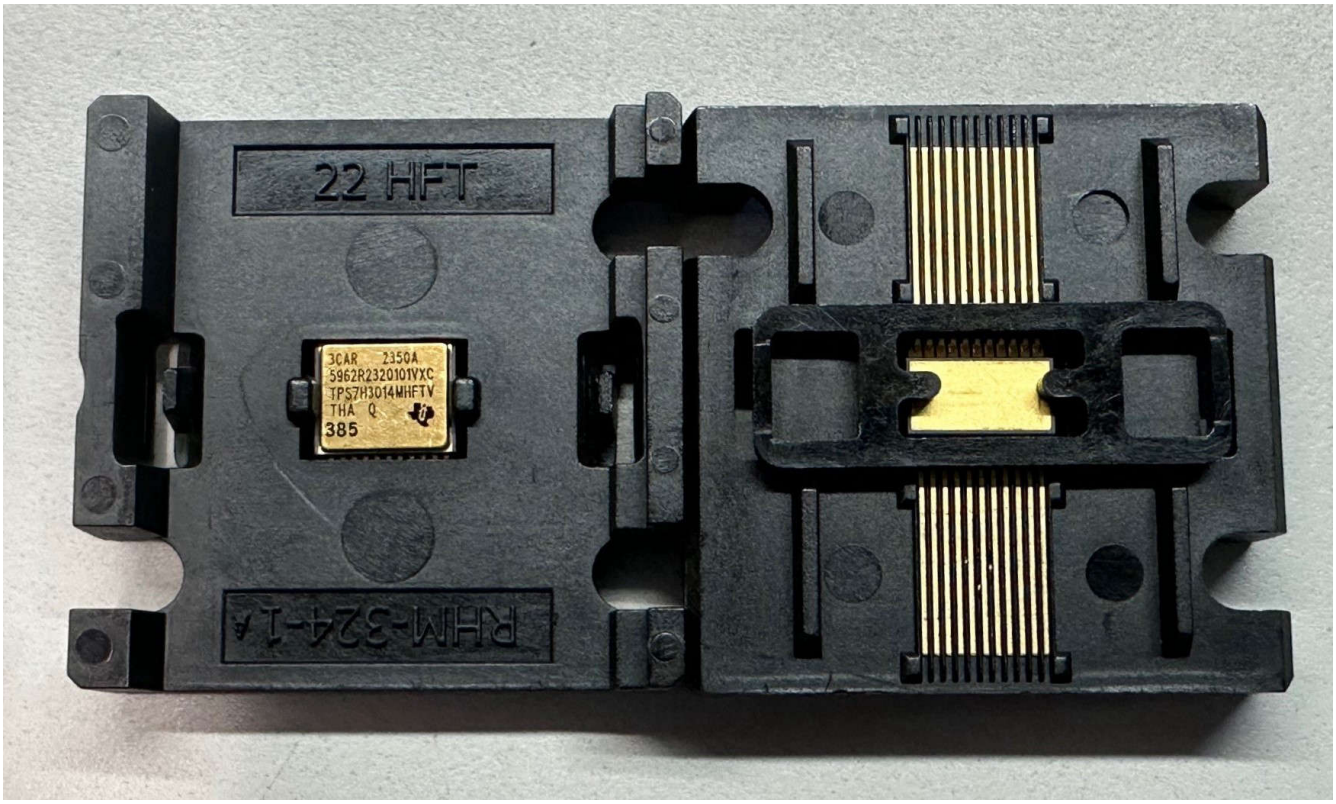


Figure 1-1. TPS7H3014-SP Device

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2 Total Dose Test Setup

2.1 Test Overview

The TPS7H3014-SP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Condition A was used. The product was irradiated up to the target radiation level, and then put through full electrical parametric testing on the production Automated Test Equipment (ATE). All devices remained functional passing all parametric test limits.

2.2 Test Description and Facilities

The TPS7H3014-SP HDR exposure was performed on biased and unbiased devices in a Co-60 gamma cell at TI facility in Dallas, Texas. The unattenuated dose rate of this cell is 183.827rads(Si)/s (183.819 to 183.831rad(Si)/s). After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and full post-radiation electrical evaluation using Texas Instruments ATE was conducted. ATE test limits are set per data sheet electrical limits based on qualification and characterization data. Post-radiation measurements were taken within 30 minutes of removing the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post-radiation measurements.

2.3 Test Setup Details

The devices under HDR exposure were tested in two conditions (biased and unbiased) as described in the following sections.

2.3.1 Unbiased

For the unbiased HDR conditions, the exposure was performed with all pins grounded.

2.3.2 Biased

Figure 2-1 shows the diagram for HDR exposure with biased condition.

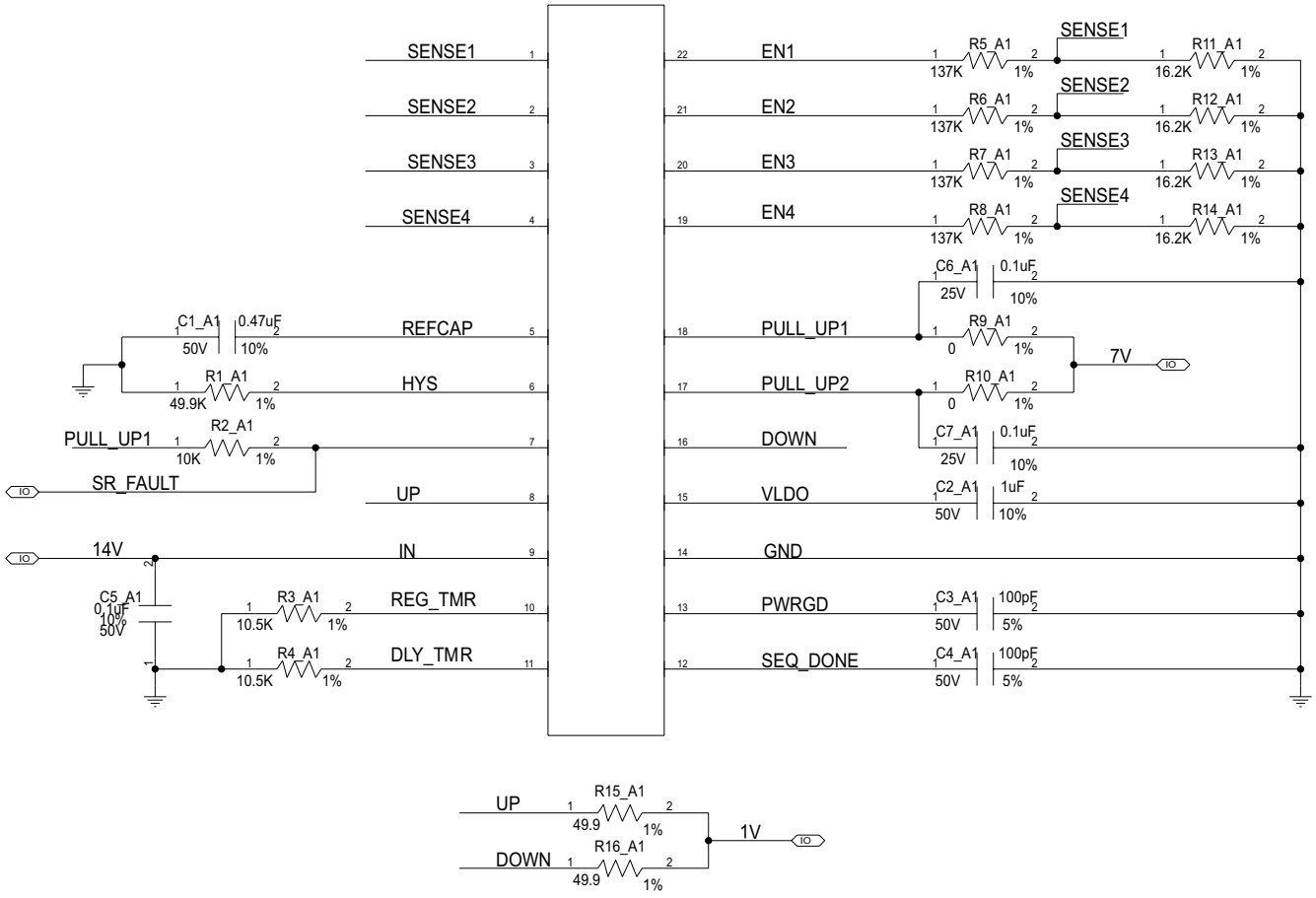


Figure 2-1. Bias Diagram Used in TID Exposure

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2.4 Test Configuration and Condition

HDR devices were stressed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions.

Table 2-1. HDR: 3krad(Si) to 100krad(Si)/s Biased Device Information

Total Samples: 25				
Exposure Levels				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50krad(Si)	100krad(Si)
25, 26, 27, 28, 29	35, 36, 37, 38, 39	45, 46, 47, 48, 49	55, 56, 57, 58, 59	65, 66, 67, 68, 69

Table 2-2. HDR: 3krad(Si) to 100krad(Si)/s Unbiased Device Information

Total Samples: 25				
Exposure Levels				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50krad(Si)	100krad(Si)
20, 21, 22, 23, 24	30, 31, 32, 33, 34	40, 41, 42, 43, 44	50, 51, 52, 53, 54	60, 61, 62, 63, 64

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3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the TPS7H3014-SP passes up to 100krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the data sheet limits.

Overall, the TPS7H3014-SP showed a strong degree of hardness to HDR TID irradiation up to 100krad(Si) for both biased and unbiased exposure conditions. The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level for both biased and unbiased. The parameters that did show a greater degree of change between pre- and post-irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. See *TPS7H3014-SP Radiation-Hardeness-Assured, 14-V, 4-Channel Sequencer* data sheet for the data sheet electrical parameters and associated tests.

See Appendix A for HDR report up to 100krad(Si).

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3.2 Specification Compliance Matrix

3.2.1 Electrical Characteristics

Parameter	Test Conditions	Sub-Group	MIN	TYP	MAX	UNIT	Test Number
SUPPLY VOLTAGES AND CURRENTS							
V_{IN} quiescent current	In waiting to sequence up and down states with all outputs floating.	1, 2, 3		2.5	4	mA	6.0 and 6.1
V_{IN} rising undervoltage lockout		1, 2, 3	2.72	2.79	2.84	V	6.124
V_{IN} falling undervoltage lockout		1, 2, 3	2.59	2.64	2.69		6.125
Internal linear regulator output voltage	5V ≤ V_{IN} ≤ 14V	1, 2, 3	3.19	3.29	3.38	V	6.3
	V_{IN} < 3.24V	1, 2, 3	97%	99%		× V_{IN}	6.2
Internal bandgap voltage		1, 2, 3	1.188	1.2	1.212	V	6.4 and 6.5
Power on reset voltage	1.6V ≤ V_{PULL_UPx} ≤ 7V, V_{OL} ≤ 320mV with I_{ENx} = –2mA	1, 2, 3		1.41	2		6.126, 6.127, 6.128, 6.129, 6.130, 6.131, 6.132, 6.133, 6.134, 6.135, 6.136, 6.137
Power on reset voltage	V_{IN} = 0V, V_{OL} ≤ 320mV with I_{ENx} = –100µA	1, 2, 3		0.89	1.4		6.138, 6.139, 6.14, 6.141, 6.142, 6.143
SENSE1 TO SENSE4, UP AND $\overline{DOWN}$ COMPARATOR INPUTS							
Threshold voltage at SENSEx		1, 2, 3	593	599	605	mV	13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 13.1, 13.14, 13.15, 13.16,13.17, 13.18, 13.19, 13.2,13.21, 13.25, 13.26, 13.27,13.28, 13.29, 13.3,13.31, 13.32, 13.36, 13.37, 13.38,13.39, 13.4, 13.41, 13.42, 13.43
SENSEx hysteresis current	V_{SENSEx} = 700mV	1, 2, 3	23.28	24	24.72	µA	6.2, 6.21, 6.22, 6.23, 6.24, 6.25, 6.26, 6.27
Input leakage current at SENSEx	V_{SENSEx} = 500mV	1, 2, 3		2	100	nA	6.9, 6.10, 6.11, 6.12
Rising threshold voltage at UP	V_{UP} rising to 1V	1, 2, 3	580	598	615	mV	13.1, 13.12, 13.23, 13.34
Falling threshold voltage at $\overline{DOWN}$	$V_{\overline{DOWN}}$ falling from 1V	1, 2, 3	483	498	512	mV	13.2, 13.13, 13.24, 13.35
UP and DOWN hysteresis voltage		1, 2, 3		100		mV	13.11, 13.22, 13.33, 13.44
Input leakage current at UP and $\overline{DOWN}$	V_{UP} = $V_{\overline{DOWN}}$ = 500mV	1, 2, 3		2	100	nA	6.7, 6.8, 6.14, 6.15
Channel 2, 3, 4 turn off voltage		1, 2, 3	87%	89%	91%	× VLDO	6.144, 6.145, 6.146
EN1 TO EN4, SEQ_DONE AND PWRGD PUSH PULL OUTPUTS							
Low-level ENx output voltage	1.6V ≤ V_{PULL_UP1} ≤ 7V	I_{LOAD} = –2mA	1, 2, 3			10%	x V_{PULL_UP1}	6.52, 6.53, 6.54, 6.55, 6.58, 6.59, 6.6, 6.61, 6.64, 6.65, 6.66, 6.67, 6.7, 6.71, 6.72, 6.73
		I_{LOAD} = –10mA	1, 2, 3			25%		6.1, 6.101, 6.102, 6.103, 6.106A, 6.107, 6.108, 6.109, 6.112, 6.113, 6.114, 6.115, 6.118, 6.119, 6.12, 6.121
High-level ENx output voltage	1.6V ≤ V_{PULL_UP1} ≤ 7V	I_{LOAD} = 2mA	1, 2, 3	90%				6.28, 6.29, 6.3, 6.31, 6.34, 6.35, 6.36, 6.37, 6.4, 6.41, 6.42, 6.43, 6.46, 6.47, 6.48, 6.49
		I_{LOAD} = 10mA	1, 2, 3	70%				6.76, 6.77, 6.78, 6.79, 6.82, 6.83, 6.84, 6.85, 6.88, 6.89, 6.9, 6.91, 6.94, 6.95, 6.96, 6.97

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3.2.1 Electrical Characteristics (continued)

Parameter	Test Conditions		Sub-Group	MIN	TYP	MAX	UNIT	Test Number
Low-level SEQ_DONE output voltage	1.6V ≤ V_{PULL_UP2} ≤ 7V	I_{LOAD} = –2mA	1, 2, 3			10%	x V_{PULL_UP2}	6.56, 6.62, 6.68, 6.74
		I_{LOAD} = –10mA	1, 2, 3			25%		6.104, 6.11, 6.116, 6.122
High-level SEQ_DONE output voltage	1.6V ≤ V_{PULL_UP2} ≤ 7V	I_{LOAD} = 2mA	1, 2, 3	90%				6.32, 6.38, 6.44, 6.5
		I_{LOAD} = 10mA	1, 2, 3	70%				6.8, 6.86, 6.92, 6.98
Low-level PWRGD output voltage	1.6V ≤ V_{PULL_UP2} ≤ 7V	I_{LOAD} = –2mA	1, 2, 3			10%		6.57, 6.63, 6.69, 6.75
		I_{LOAD} = –10mA	1, 2, 3			25%		6.105, 6.111, 6.117, 6.123
High-level PWRGD output voltage	1.6V ≤ V_{PULL_UP2} ≤ 7V	I_{LOAD} = 2mA	1, 2, 3	90%				6.33, 6.39, 6.45, 6.51
		I_{LOAD} = 10mA	1, 2, 3	70%				6.81, 6.87, 6.93, 6.99
PULL_UPx leakage current	V_{PULL_UPx} = 7V		1, 2, 3		48	121	µA	6.148, 6.149, 6.150, 6.151
Enable rising output voltage slew rate	10% to 90% of V_{PULL_UP1}, R_{LOAD} = 50kΩ, C_{LOAD} = 100pF	1.6V ≤ V_{PULL_UP1} ≤ 7V	9, 10, 11	17	125		V/µs	19.0, 19.1, 19.2, 19.3, 19.12, 19.13, 19.14, 19.15, 19.24, 19.25, 19.26, 19.27, 19.36, 19.37, 19.38, 19.39
SEQ_DONE rising output voltage slew rate	10% to 90% of V_{PULL_UP2}, R_{LOAD} = 50kΩ, C_{LOAD} = 100pF	1.6V ≤ V_{PULL_UP2} ≤ 7V	9, 10, 11	17	125			19.5, 19.17, 19.29, 19.41
PWRGD rising output voltage slew rate			9, 10, 11	17	125			19.4, 19.16, 19.28, 19.4
Enable falling output voltage slew rate	90% to 10% of V_{PULL_UP1}, R_{LOAD} = 50kΩ, C_{LOAD} = 100pF	1.6V ≤ V_{PULL_UP1} ≤ 7V	9, 10, 11	44	126			19.6, 19.7, 19.8, 19.9, 19.18, 19.19, 19.2, 19.21, 19.3, 19.31, 19.32, 19.33, 19.42, 19.43, 19.44, 19.45
SEQ_DONE falling output voltage slew rate		1.6V ≤ V_{PULL_UP2} ≤ 7V	9, 10, 11	44	126			19.11, 19.23, 19.35, 19.47
PWRGD falling output voltage slew rate			9, 10, 11	44	126			19.1, 19.22, 19.34, 19.46
EN PMOS source output resistance	I_{LOAD} = 2mA	1.6V ≤ V_{PULL_UP1} ≤ 3.3V	1, 2, 3		18	40	Ω	18.0, 18.1, 18.2, 18.3, 18.6, 18.7, 18.8, 18.9
		3.3V ≤ V_{PULL_UP1} ≤ 7V	1, 2, 3		7	20		18.12, 18.13, 18.14, 18.15, 18.18, 18.19, 18.20, 18.21
SEQ_DONE PMOS source output resistance	I_{LOAD} = 2mA	1.6V ≤ V_{PULL_UP2} ≤ 3.3V	1, 2, 3		18	40		18.5, 18.11
		3.3V ≤ V_{PULL_UP2} ≤ 7V	1, 2, 3		7	20		18.17, 18.23
PWRGD PMOS source output resistance	I_{LOAD} = 2mA	1.6V ≤ V_{PULL_UP2} ≤ 3.3V	1, 2, 3		18	40		18.4, 18.1
		3.3V ≤ V_{PULL_UP2} ≤ 7V	1, 2, 3		7	20		18.16, 18.22
EN NMOS sink output resistance	I_{LOAD} = –2mA, 1.6V ≤ V_{PULL_UP1} ≤ 7V		1, 2, 3		7	28		18.24, 18.25, 18.26,18.27, 18.3, 18.31, 18.32,18.33, 18.36, 18.37, 18.38,18.39, 18.42, 18.43, 18.44, 18.45
SEQ_DONE NMOS sink output resistance	I_{LOAD} = –2mA, 1.6V ≤ V_{PULL_UP1} ≤ 7V		1, 2, 3		7	28		18.29, 18.35, 18.41, 18.47
PWRGD NMOS sink output resistance	I_{LOAD} = –2mA, 1.6V ≤ V_{PULL_UP1} ≤ 7V		1, 2, 3		7	28		18.28, 18.34, 18.40, 18.46

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3.2.1 Electrical Characteristics (continued)

Parameter	Test Conditions	Sub-Group	MIN	TYP	MAX	UNIT	Test Number
$\overline{\text{FAULT}}$ OUTPUT							
$\overline{\text{FAULT}}$ pull down resistance	$I_{\overline{\text{FAULT}}}$ = 100µA	1, 2, 3		131	512	Ω	18.48, 18.49
$\overline{\text{FAULT}}$ leakage current	$V_{\overline{\text{FAULT}}}$ = 7V	1, 2, 3		23	600	nA	6.6, 6.13
DELAY AND TIME TO REGULATION TIMERS							
Delay time	R_{DLY_TMR} = 10.5kΩ	1, 2, 3	0.205	0.268	0.342	ms	5.48, 5.49, 5.5, 5.51, 5.52, 5.53, 5.54, 5.55, 5.56, 5.57, 5.58, 5.79, 5.8, 5.81, 5.82, 5.83, 5.84, 5.85, 5.86, 5.87, 5.88, 5.89, 5.11, 5.111, 5.112, 5.113, 5.114, 5.115, 5.116, 5.117, 5.118, 5.119, 5.120, 5.141, 5.142, 5.143, 5.144, 5.145, 5.146, 5.147, 5.148, 5.149, 5.15, 5.151
	R_{DLY_TMR} = 619kΩ	1, 2, 3	10.77	12.5	14.14		5.59, 5.6, 5.61, 5.62, 5.63, 5.64, 5.65, 5.66, 5.67, 5.68, 5.9, 5.91, 5.92, 5.93, 5.94, 5.95, 5.96, 5.97, 5.98, 5.99, 5.121, 5.122, 5.123, 5.124, 5.125, 5.126, 5.127, 5.128, 5.129, 5.130, 5.152, 5.153, 5.154, 5.155, 5.156, 5.157, 5.158, 5.159, 5.16, 5.161
	R_{DLY_TMR} = 1.18MΩ	1, 2, 3	20	23.37	27.2		5.69, 5.7, 5.71, 5.72, 5.73, 5.74, 5.75, 5.76, 5.77, 5.78, 5.1, 5.101, 5.102, 5.103, 5.104, 5.105, 5.106, 5.107, 5.108, 5.109, 5.131, 5.132, 5.133, 5.134, 5.135, 5.136, 5.137, 5.138, 5.139, 5.140, 5.162, 5.163, 5.164, 5.165, 5.166, 5.167, 5.168, 5.169, 5.170, 5.171
Time to regulation	R_{REG_TMR} = 10.5kΩ	1, 2, 3	0.197	0.264	0.34		4.0, 4.1, 4.2, 4.3, 4.12,4.13, 4.14, 4.15, 4.24, 4.25, 4.26, 4.27, 4.36, 4.37, 4.38, 4.39
	R_{REG_TMR} = 619kΩ	1, 2, 3	10.8	12.4	14.1		4.4, 4.5, 4.6, 4.7, 4.16,4.17, 4.18, 4.19, 4.28, 4.29, 4.30, 4.31, 4.40, 4.41, 4.42, 4.43
	R_{REG_TMR} = 1.18MΩ	1, 2, 3	20.3	23.63	27.2		4.8, 4.9, 4.10, 4.11, 4.20, 4.21, 4.22, 4.23, 4.32, 4.33, 4.34, 4.35, 4.44, 4.45, 4.46, 4.47

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3.2.2 Timing Requirements

Parameter	Test Conditions	Sub-Group	MIN	TYP	MAX	UNIT	Test Number
Start-up delay time	V_{REFCAP} ≥ 1.1V	1, 2, 3			2.8	ms	6.147
ENx propagation delay	DLY_TMR = Open, $V_{OVERDRIVE}$ = 10mV, V_{PULL_UPx} = 1.6V, from 50% of IN to 50% OUT	1, 2, 3		3.4	6.5	µs	5.0, 5.1, 5.2, 5.3, 5.6, 5.7, 5.8, 5.9, 5.12, 5.13, 5.14, 5.15, 5.18, 5.19, 5.2, 5.21, 5.24, 5.25 5.26, 5.27, 5.3, 5.31, 5.32, 5.33, 5.36, 5.37, 5.38, 5.39, 5.42, 5.43, 5.44, 5.45
SEQ_DONE propagation delay	DLY_TMR = Open, $V_{OVERDRIVE}$ = 10mV	1, 2, 3		3.4	6.5		5.4, 5.1, 5.16, 5.22, 5.28, 5.34, 5.4, 5.46
PWRGD propagation delay	DLY_TMR = Open, $V_{OVERDRIVE}$ = 10mV	1, 2, 3		3.4	6.5		5.5, 5.11, 5.17, 5.23, 5.29, 5.35, 5.41, 5.47
State machine fault propagation delay	Out of order fault	1, 2, 3		3.4	4.3		27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8
V_{UP} rising minimum time for valid UP		4, 5, 6		0.27	0.7	µs	25.1, 25.2
V_{DOWN} rising minimum time for valid DOWN		4, 5, 6		0.42	0.9		25.3, 25.4
Rising threshold on VSENSEx hold time		4, 5, 6		0.84	1.6	µs	26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8
Falling threshold on VSENSEx hold time		4, 5, 6		0.35	1	µs	26.9, 26.10, 26.11, 26.12 26.13, 26.14, 26.15, 26.16

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4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, *TPS7H3014-SP Radiation-Hardeness-Assured, 14-V, 4-Channel Sequencer*, data sheet.
- Texas Instruments, *TPS7H3014EVM-CVAL Evaluation Module User's Guide*, user's guide.

4.2 Reference Documents

Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

A Appendix: HDR TID Report Data

This appendix contains the HDR TID report data.

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TID HDR Report
TPS7H3014-SP

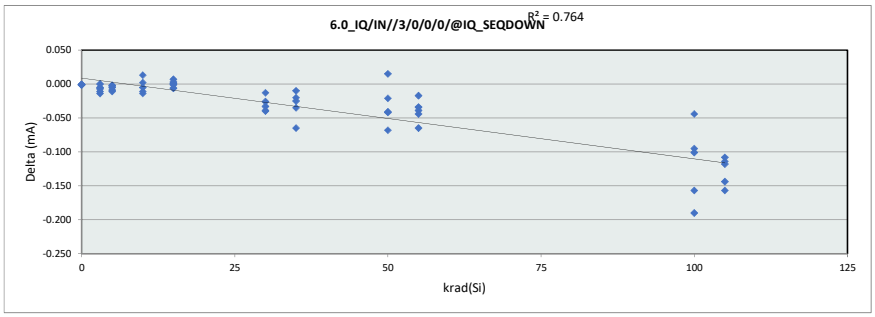
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

TID HDR Report
TPS7H3014-SP

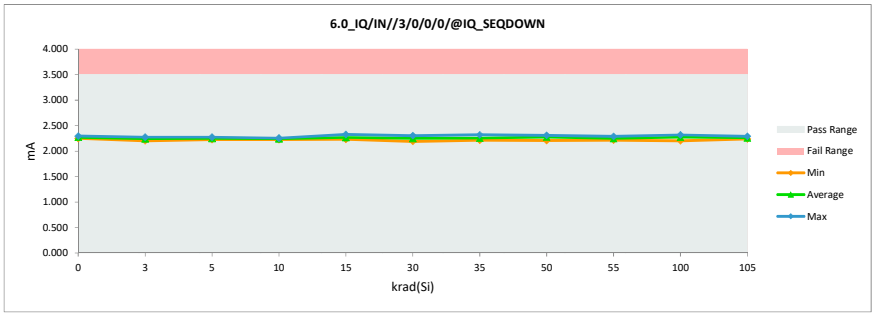
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.0_IQ/IN//3/0/0/0/@IQ	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	4	3.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.248	2.247	-0.001
0	14	2.294	2.293	-0.001
0	15	2.275	2.274	-0.001
3	20	2.275	2.261	-0.014
3	21	2.208	2.203	-0.005
3	22	2.263	2.252	-0.011
3	23	2.275	2.275	0.000
3	24	2.231	2.224	-0.007
5	25	2.251	2.248	-0.003
5	26	2.275	2.266	-0.009
5	27	2.251	2.246	-0.005
5	28	2.226	2.224	-0.002
5	29	2.284	2.273	-0.011
10	30	2.235	2.248	0.013
10	31	2.266	2.252	-0.014
10	32	2.242	2.244	0.002
10	33	2.258	2.253	-0.005
10	34	2.234	2.223	-0.011
15	35	2.264	2.265	0.001
15	36	2.232	2.231	-0.001
15	37	2.319	2.326	0.007
15	38	2.255	2.258	0.003
15	39	2.268	2.262	-0.006
30	40	2.215	2.189	-0.026
30	41	2.343	2.304	-0.039
30	42	2.279	2.246	-0.033
30	43	2.291	2.251	-0.040
30	44	2.269	2.256	-0.013
35	45	2.264	2.254	-0.010
35	46	2.384	2.319	-0.065
35	47	2.245	2.210	-0.035
35	48	2.278	2.258	-0.020
35	49	2.254	2.229	-0.025
50	50	2.286	2.265	-0.021
50	51	2.272	2.204	-0.068
50	52	2.345	2.304	-0.041
50	53	2.352	2.310	-0.042
50	54	2.292	2.307	0.015
55	55	2.319	2.285	-0.034
55	56	2.288	2.223	-0.065
55	57	2.266	2.249	-0.017
55	58	2.314	2.270	-0.044
55	59	2.253	2.214	-0.039
100	60	2.484	2.294	-0.190
100	61	2.319	2.275	-0.044
100	62	2.370	2.275	-0.095
100	63	2.360	2.203	-0.157
100	64	2.416	2.315	-0.101
105	65	2.398	2.290	-0.108
105	66	2.359	2.241	-0.118
105	67	2.435	2.278	-0.157
105	68	2.350	2.236	-0.114
105	69	2.394	2.250	-0.144
	Max	2.484	2.326	0.015
	Average	2.295	2.258	-0.037
	Min	2.208	2.189	-0.190
	Std Dev	0.060	0.032	0.049



	6.0_IQ/IN//3/0/0/0/@										
Test Site											
Tester											
Test Number											
Max Limit	3.5	mA									
Min Limit	0	mA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.247	2.203	2.224	2.223	2.231	2.189	2.210	2.204	2.214	2.203	2.236
Average	2.271	2.243	2.251	2.244	2.268	2.249	2.254	2.278	2.248	2.272	2.259
Max	2.293	2.275	2.273	2.253	2.326	2.304	2.319	2.310	2.285	2.315	2.290
UL	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500

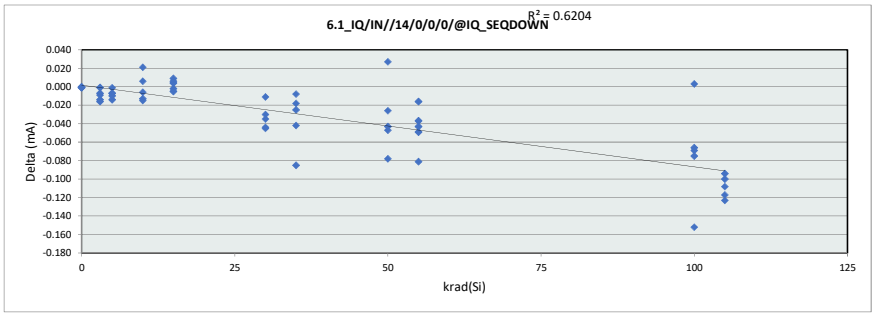


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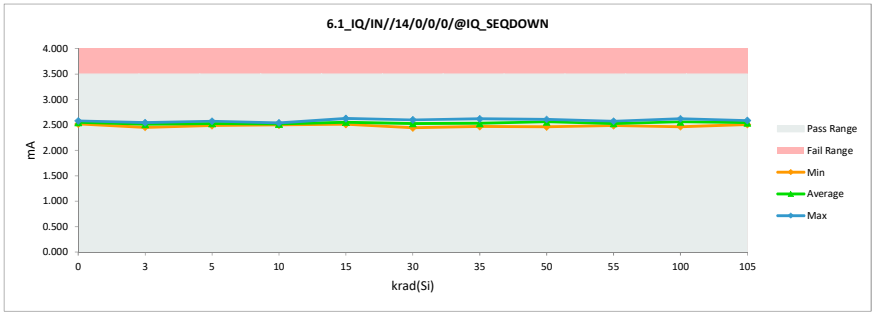
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.1_IQ/IN//14/0/0/0/@1	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	4	3.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.520	2.519	-0.001
0	14	2.580	2.579	-0.001
0	15	2.554	2.554	0.000
3	20	2.554	2.538	-0.016
3	21	2.460	2.453	-0.007
3	22	2.551	2.537	-0.014
3	23	2.546	2.545	-0.001
3	24	2.497	2.488	-0.009
5	25	2.519	2.512	-0.007
5	26	2.582	2.572	-0.010
5	27	2.522	2.515	-0.007
5	28	2.486	2.485	-0.001
5	29	2.571	2.557	-0.014
10	30	2.502	2.523	0.021
10	31	2.555	2.540	-0.015
10	32	2.513	2.519	0.006
10	33	2.536	2.530	-0.006
10	34	2.511	2.498	-0.013
15	35	2.537	2.541	0.004
15	36	2.512	2.510	-0.002
15	37	2.617	2.626	0.009
15	38	2.529	2.535	0.006
15	39	2.553	2.548	-0.005
30	40	2.473	2.443	-0.030
30	41	2.645	2.600	-0.045
30	42	2.561	2.526	-0.035
30	43	2.577	2.533	-0.044
30	44	2.550	2.539	-0.011
35	45	2.547	2.539	-0.008
35	46	2.704	2.619	-0.085
35	47	2.511	2.469	-0.042
35	48	2.545	2.527	-0.018
35	49	2.520	2.495	-0.025
50	50	2.567	2.541	-0.026
50	51	2.540	2.462	-0.078
50	52	2.629	2.586	-0.043
50	53	2.657	2.610	-0.047
50	54	2.581	2.608	0.027
55	55	2.610	2.573	-0.037
55	56	2.582	2.501	-0.081
55	57	2.541	2.525	-0.016
55	58	2.606	2.557	-0.049
55	59	2.527	2.484	-0.043
100	60	2.658	2.589	-0.069
100	61	2.570	2.573	0.003
100	62	2.621	2.555	-0.066
100	63	2.617	2.465	-0.152
100	64	2.697	2.622	-0.075
105	65	2.679	2.585	-0.094
105	66	2.616	2.516	-0.100
105	67	2.684	2.567	-0.117
105	68	2.617	2.509	-0.108
105	69	2.657	2.534	-0.123
	Max	2.704	2.626	0.027
	Average	2.570	2.537	-0.032
	Min	2.460	2.443	-0.152
	Std Dev	0.059	0.044	0.040



	6.1_IQ/IN//14/0/0/0/@										
Test Site											
Tester											
Test Number											
Max Limit	3.5	mA									
Min Limit	0	mA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.519	2.453	2.485	2.498	2.510	2.443	2.469	2.462	2.484	2.465	2.509
Average	2.551	2.512	2.528	2.522	2.552	2.528	2.530	2.561	2.528	2.561	2.542
Max	2.579	2.545	2.572	2.540	2.626	2.600	2.619	2.610	2.573	2.622	2.585
UL	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500

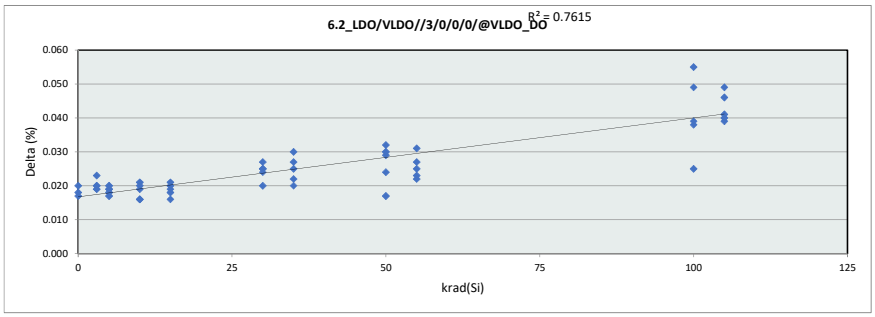


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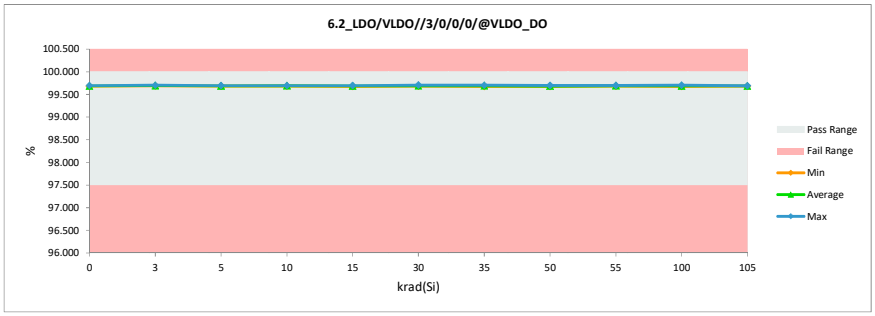
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.2_LDO/VLDO//3/0/0/0	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	97	97.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.677	99.695	0.018
0	14	99.662	99.682	0.020
0	15	99.668	99.685	0.017
3	20	99.669	99.692	0.023
3	21	99.685	99.704	0.019
3	22	99.670	99.690	0.020
3	23	99.669	99.688	0.019
3	24	99.678	99.698	0.020
5	25	99.670	99.687	0.017
5	26	99.665	99.684	0.019
5	27	99.675	99.694	0.019
5	28	99.679	99.697	0.018
5	29	99.665	99.685	0.020
10	30	99.672	99.688	0.016
10	31	99.665	99.686	0.021
10	32	99.680	99.696	0.016
10	33	99.668	99.688	0.020
10	34	99.676	99.695	0.019
15	35	99.666	99.686	0.020
15	36	99.674	99.692	0.018
15	37	99.660	99.676	0.016
15	38	99.675	99.694	0.019
15	39	99.672	99.693	0.021
30	40	99.681	99.706	0.025
30	41	99.656	99.681	0.025
30	42	99.667	99.691	0.024
30	43	99.664	99.691	0.027
30	44	99.667	99.687	0.020
35	45	99.671	99.691	0.020
35	46	99.645	99.675	0.030
35	47	99.676	99.703	0.027
35	48	99.667	99.689	0.022
35	49	99.673	99.698	0.025
50	50	99.662	99.686	0.024
50	51	99.667	99.699	0.032
50	52	99.653	99.682	0.029
50	53	99.649	99.679	0.030
50	54	99.663	99.680	0.017
55	55	99.658	99.683	0.025
55	56	99.665	99.696	0.031
55	57	99.669	99.691	0.022
55	58	99.660	99.687	0.027
55	59	99.676	99.699	0.023
100	60	99.629	99.684	0.055
100	61	99.660	99.685	0.025
100	62	99.647	99.686	0.039
100	63	99.655	99.704	0.049
100	64	99.640	99.678	0.038
105	65	99.645	99.685	0.040
105	66	99.651	99.690	0.039
105	67	99.637	99.686	0.049
105	68	99.651	99.692	0.041
105	69	99.643	99.689	0.046
	Max	99.685	99.706	0.055
	Average	99.664	99.690	0.026
	Min	99.629	99.675	0.016
	Std Dev	0.012	0.007	0.010



	6.2_LDO/VLDO//3/0/0/										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	97.5	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	97.500	97.500	97.500	97.500	97.500	97.500	97.500	97.500	97.500	97.500	97.500
Min	99.682	99.688	99.684	99.686	99.676	99.681	99.675	99.679	99.683	99.678	99.685
Average	99.687	99.694	99.689	99.691	99.688	99.691	99.691	99.685	99.691	99.687	99.688
Max	99.695	99.704	99.697	99.696	99.694	99.706	99.703	99.699	99.699	99.704	99.692
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

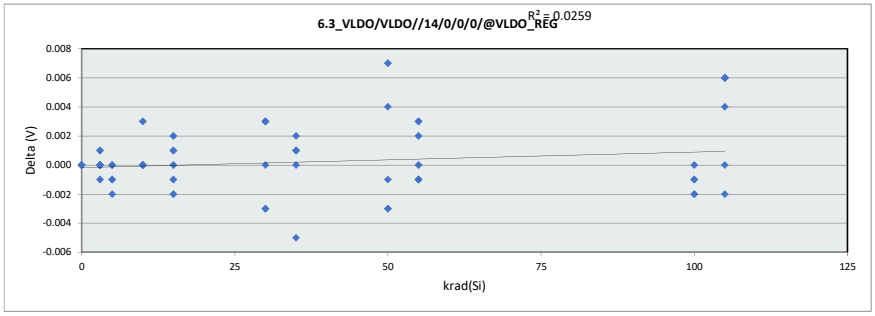


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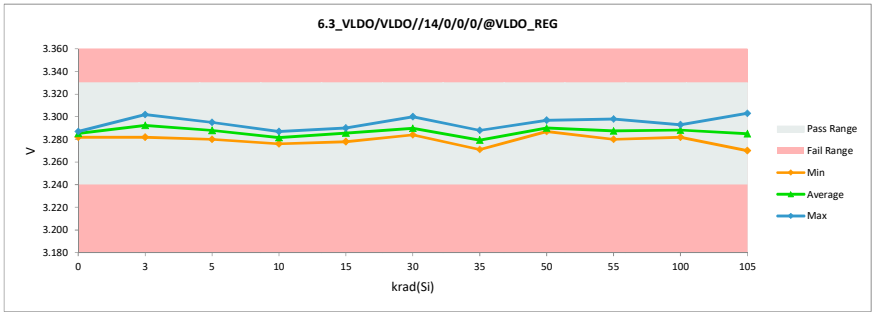
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.3_VLDO/VLDO//14/0/0	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.34	3.33
Min Limit	3.23	3.24

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.282	3.282	0.000
0	14	3.287	3.287	0.000
0	15	3.287	3.287	0.000
3	20	3.292	3.292	0.000
3	21	3.281	3.282	0.001
3	22	3.298	3.298	0.000
3	23	3.288	3.288	0.000
3	24	3.303	3.302	-0.001
5	25	3.288	3.287	-0.001
5	26	3.295	3.295	0.000
5	27	3.284	3.283	-0.001
5	28	3.280	3.280	0.000
5	29	3.297	3.295	-0.002
10	30	3.283	3.286	0.003
10	31	3.276	3.276	0.000
10	32	3.278	3.278	0.000
10	33	3.287	3.287	0.000
10	34	3.281	3.281	0.000
15	35	3.286	3.285	-0.001
15	36	3.289	3.290	0.001
15	37	3.285	3.287	0.002
15	38	3.288	3.288	0.000
15	39	3.280	3.278	-0.002
30	40	3.288	3.288	0.000
30	41	3.303	3.300	-0.003
30	42	3.288	3.291	0.003
30	43	3.283	3.286	0.003
30	44	3.287	3.284	-0.003
35	45	3.290	3.285	-0.005
35	46	3.276	3.277	0.001
35	47	3.276	3.276	0.000
35	48	3.270	3.271	0.001
35	49	3.286	3.288	0.002
50	50	3.291	3.290	-0.001
50	51	3.290	3.287	-0.003
50	52	3.282	3.289	0.007
50	53	3.283	3.287	0.004
50	54	3.300	3.297	-0.003
55	55	3.294	3.293	-0.001
55	56	3.298	3.298	0.000
55	57	3.277	3.280	0.003
55	58	3.287	3.286	-0.001
55	59	3.279	3.281	0.002
100	60	3.293	3.293	0.000
100	61	3.294	3.293	-0.001
100	62	3.284	3.282	-0.002
100	63	3.291	3.289	-0.002
100	64	3.285	3.284	-0.001
105	65	3.288	3.294	0.006
105	66	3.266	3.270	0.004
105	67	3.285	3.283	-0.002
105	68	3.275	3.275	0.000
105	69	3.297	3.303	0.006
	Max	3.303	3.303	0.007
	Average	3.286	3.287	0.000
	Min	3.266	3.270	-0.005
	Std Dev	0.008	0.007	0.002



	6.3_VLDO/VLDO//14/0/										
Test Site											
Tester											
Test Number											
Max Limit	3.33	V									
Min Limit	3.24	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	3.240	3.240	3.240	3.240	3.240	3.240	3.240	3.240	3.240	3.240	3.240
Min	3.282	3.282	3.280	3.276	3.278	3.284	3.271	3.287	3.280	3.282	3.270
Average	3.285	3.292	3.288	3.282	3.286	3.290	3.279	3.290	3.288	3.288	3.285
Max	3.287	3.302	3.295	3.287	3.290	3.300	3.288	3.297	3.298	3.293	3.303
UL	3.330	3.330	3.330	3.330	3.330	3.330	3.330	3.330	3.330	3.330	3.330

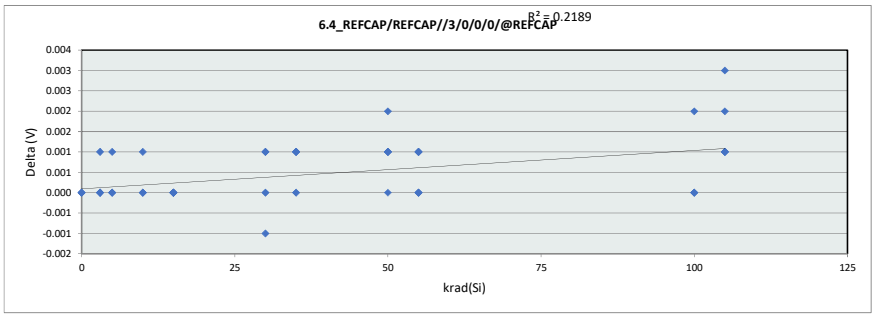


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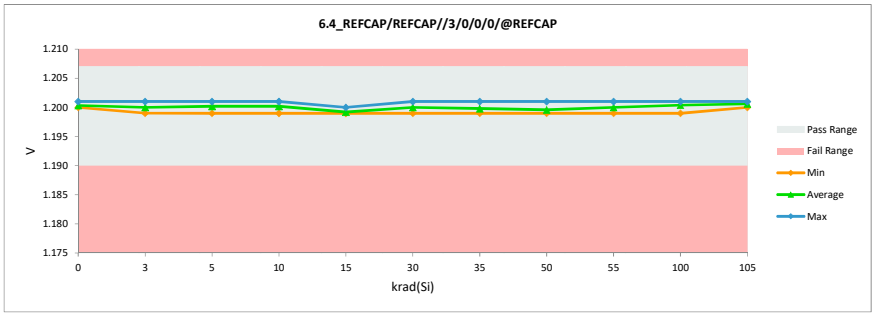
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.4_REFCAP/REFCAP//3/0	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.212	1.207
Min Limit	1.188	1.19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.200	1.200	0.000
0	14	1.201	1.201	0.000
0	15	1.200	1.200	0.000
3	20	1.200	1.200	0.000
3	21	1.199	1.199	0.000
3	22	1.200	1.200	0.000
3	23	1.200	1.200	0.000
3	24	1.200	1.201	0.001
5	25	1.199	1.199	0.000
5	26	1.201	1.201	0.000
5	27	1.199	1.200	0.001
5	28	1.200	1.200	0.000
5	29	1.201	1.201	0.000
10	30	1.200	1.201	0.001
10	31	1.200	1.200	0.000
10	32	1.201	1.201	0.000
10	33	1.199	1.199	0.000
10	34	1.200	1.200	0.000
15	35	1.199	1.199	0.000
15	36	1.199	1.199	0.000
15	37	1.199	1.199	0.000
15	38	1.199	1.199	0.000
15	39	1.200	1.200	0.000
30	40	1.199	1.200	0.001
30	41	1.200	1.199	-0.001
30	42	1.199	1.200	0.001
30	43	1.200	1.200	0.000
30	44	1.201	1.201	0.000
35	45	1.199	1.199	0.000
35	46	1.199	1.200	0.001
35	47	1.200	1.200	0.000
35	48	1.200	1.201	0.001
35	49	1.198	1.199	0.001
50	50	1.200	1.201	0.001
50	51	1.198	1.199	0.001
50	52	1.197	1.199	0.002
50	53	1.199	1.200	0.001
50	54	1.199	1.199	0.000
55	55	1.201	1.201	0.000
55	56	1.199	1.200	0.001
55	57	1.200	1.200	0.000
55	58	1.199	1.199	0.000
55	59	1.199	1.200	0.001
100	60	1.199	1.201	0.002
100	61	1.200	1.200	0.000
100	62	1.201	1.201	0.000
100	63	1.201	1.201	0.000
100	64	1.199	1.199	0.000
105	65	1.198	1.201	0.003
105	66	1.198	1.200	0.002
105	67	1.200	1.201	0.001
105	68	1.200	1.201	0.001
105	69	1.199	1.200	0.001
	Max	1.201	1.201	0.003
	Average	1.200	1.200	0.000
	Min	1.197	1.199	-0.001
	Std Dev	0.001	0.001	0.001



	6.4_REFCAP/REFCAP//3										
Test Site											
Tester											
Test Number											
Max Limit	1.207	V									
Min Limit	1.19	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190
Min	1.200	1.199	1.199	1.199	1.199	1.199	1.199	1.199	1.199	1.199	1.200
Average	1.200	1.200	1.200	1.200	1.199	1.200	1.200	1.200	1.200	1.200	1.201
Max	1.201	1.201	1.201	1.201	1.200	1.201	1.201	1.201	1.201	1.201	1.201
UL	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207

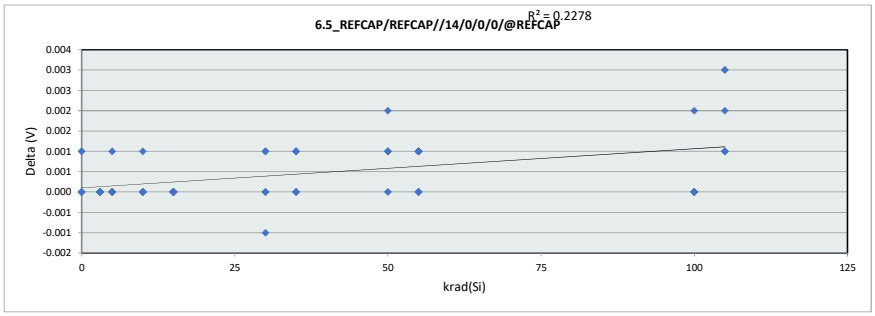


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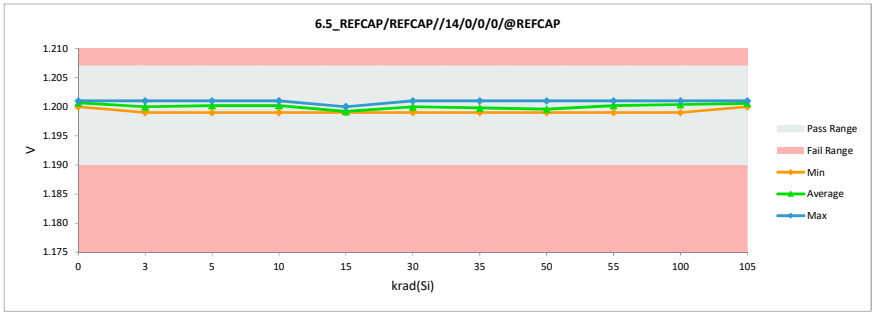
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.5_REFCAP/REFCAP//14/	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.212	1.207
Min Limit	1.188	1.19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.200	1.200	0.000
0	14	1.201	1.201	0.000
0	15	1.200	1.201	0.001
3	20	1.200	1.200	0.000
3	21	1.199	1.199	0.000
3	22	1.200	1.200	0.000
3	23	1.200	1.200	0.000
3	24	1.201	1.201	0.000
5	25	1.199	1.199	0.000
5	26	1.201	1.201	0.000
5	27	1.199	1.200	0.001
5	28	1.200	1.200	0.000
5	29	1.201	1.201	0.000
10	30	1.200	1.201	0.001
10	31	1.200	1.200	0.000
10	32	1.201	1.201	0.000
10	33	1.199	1.199	0.000
10	34	1.200	1.200	0.000
15	35	1.199	1.199	0.000
15	36	1.199	1.199	0.000
15	37	1.199	1.199	0.000
15	38	1.199	1.199	0.000
15	39	1.200	1.200	0.000
30	40	1.199	1.200	0.001
30	41	1.200	1.199	-0.001
30	42	1.199	1.200	0.001
30	43	1.200	1.200	0.000
30	44	1.201	1.201	0.000
35	45	1.199	1.199	0.000
35	46	1.199	1.200	0.001
35	47	1.200	1.200	0.000
35	48	1.200	1.201	0.001
35	49	1.198	1.199	0.001
50	50	1.200	1.201	0.001
50	51	1.198	1.199	0.001
50	52	1.197	1.199	0.002
50	53	1.199	1.200	0.001
50	54	1.199	1.199	0.000
55	55	1.201	1.201	0.000
55	56	1.199	1.200	0.001
55	57	1.200	1.201	0.001
55	58	1.199	1.199	0.000
55	59	1.199	1.200	0.001
100	60	1.199	1.201	0.002
100	61	1.200	1.200	0.000
100	62	1.201	1.201	0.000
100	63	1.201	1.201	0.000
100	64	1.199	1.199	0.000
105	65	1.198	1.201	0.003
105	66	1.198	1.200	0.002
105	67	1.200	1.201	0.001
105	68	1.200	1.201	0.001
105	69	1.199	1.200	0.001
	Max	1.201	1.201	0.003
	Average	1.200	1.200	0.000
	Min	1.197	1.199	-0.001
	Std Dev	0.001	0.001	0.001



	6.5_REFCAP/REFCAP//1										
Test Site											
Tester											
Test Number											
Max Limit	1.207	V									
Min Limit	1.19	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190	1.190
Min	1.200	1.199	1.199	1.199	1.199	1.199	1.199	1.199	1.199	1.199	1.200
Average	1.201	1.200	1.200	1.200	1.199	1.200	1.200	1.200	1.200	1.200	1.201
Max	1.201	1.201	1.201	1.201	1.200	1.201	1.201	1.201	1.201	1.201	1.201
UL	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207

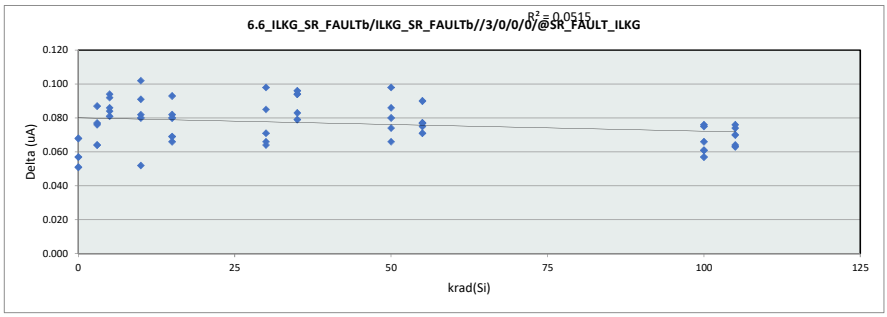


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

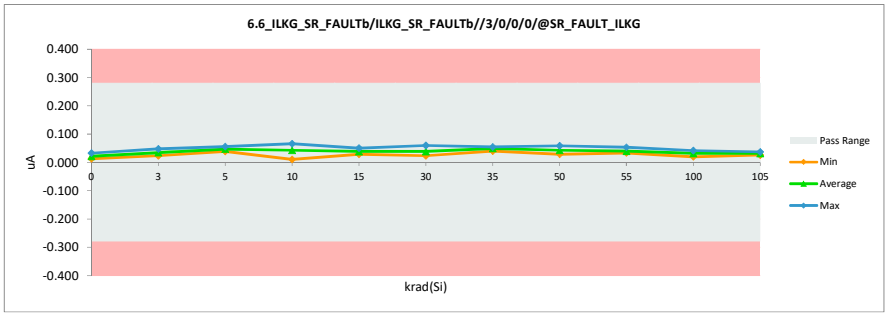
	6.6_ILKG_SR_FAULTb/ILK	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	0.3	0.28
Min Limit	-0.3	-0.28

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.038	0.013	0.051
0	14	-0.037	0.020	0.057
0	15	-0.035	0.033	0.068
3	20	-0.037	0.040	0.077
3	21	-0.038	0.026	0.064
3	22	-0.040	0.036	0.076
3	23	-0.040	0.024	0.064
3	24	-0.039	0.048	0.087
5	25	-0.041	0.051	0.092
5	26	-0.042	0.042	0.084
5	27	-0.038	0.056	0.094
5	28	-0.042	0.039	0.081
5	29	-0.038	0.048	0.086
10	30	-0.038	0.053	0.091
10	31	-0.041	0.011	0.052
10	32	-0.037	0.043	0.080
10	33	-0.040	0.042	0.082
10	34	-0.036	0.066	0.102
15	35	-0.037	0.029	0.066
15	36	-0.039	0.041	0.080
15	37	-0.038	0.044	0.082
15	38	-0.042	0.051	0.093
15	39	-0.040	0.029	0.069
30	40	-0.038	0.033	0.071
30	41	-0.036	0.049	0.085
30	42	-0.040	0.024	0.064
30	43	-0.037	0.029	0.066
30	44	-0.038	0.060	0.098
35	45	-0.039	0.040	0.079
35	46	-0.040	0.043	0.083
35	47	-0.039	0.055	0.094
35	48	-0.041	0.055	0.096
35	49	-0.039	0.055	0.094
50	50	-0.036	0.050	0.086
50	51	-0.038	0.042	0.080
50	52	-0.037	0.029	0.066
50	53	-0.039	0.059	0.098
50	54	-0.037	0.037	0.074
55	55	-0.037	0.038	0.075
55	56	-0.042	0.035	0.077
55	57	-0.036	0.054	0.090
55	58	-0.038	0.039	0.077
55	59	-0.037	0.034	0.071
100	60	-0.034	0.042	0.076
100	61	-0.033	0.033	0.066
100	62	-0.036	0.039	0.075
100	63	-0.037	0.020	0.057
100	64	-0.035	0.026	0.061
105	65	-0.037	0.026	0.063
105	66	-0.039	0.037	0.076
105	67	-0.038	0.032	0.070
105	68	-0.037	0.037	0.074
105	69	-0.037	0.027	0.064
	Max	-0.033	0.066	0.102
	Average	-0.038	0.039	0.077
	Min	-0.042	0.011	0.051
	Std Dev	0.002	0.012	0.012



	6.6_ILKG_SR_FAULTb/IL	
Test Site		
Tester		
Test Number		
Max Limit	0.28	uA
Min Limit	-0.28	uA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280
Min	0.013	0.024	0.039	0.011	0.029	0.024	0.040	0.029	0.034	0.020	0.026
Average	0.022	0.035	0.047	0.043	0.039	0.039	0.050	0.043	0.040	0.032	0.032
Max	0.033	0.048	0.056	0.066	0.051	0.060	0.055	0.059	0.054	0.042	0.037
UL	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280

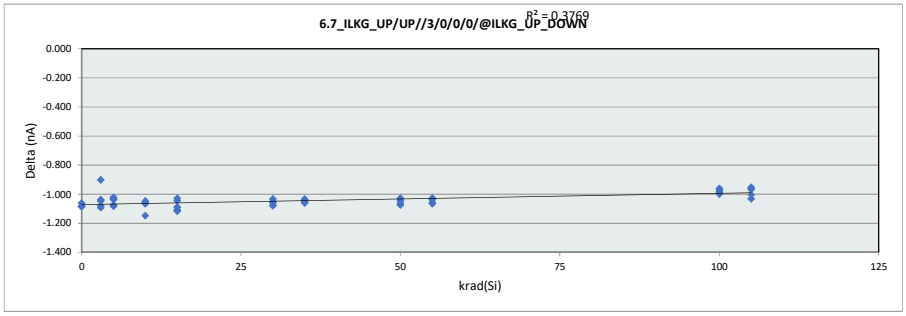


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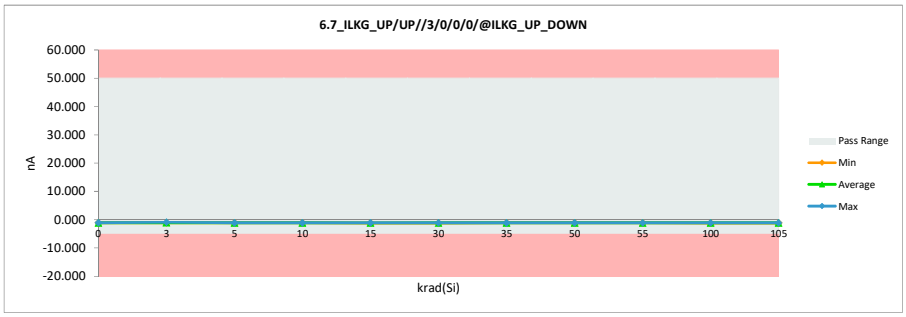
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.7_ILKG_UP/UP//3/0/0	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	100	50
Min Limit	-10	-5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.010	-1.072	-1.062
0	14	-0.015	-1.099	-1.084
0	15	-0.025	-1.110	-1.085
3	20	0.002	-0.899	-0.901
3	21	-0.010	-1.103	-1.093
3	22	-0.042	-1.081	-1.039
3	23	-0.052	-1.099	-1.047
3	24	-0.054	-1.133	-1.079
5	25	-0.011	-1.093	-1.082
5	26	-0.053	-1.128	-1.075
5	27	-0.070	-1.097	-1.027
5	28	-0.075	-1.112	-1.037
5	29	-0.063	-1.086	-1.023
10	30	-0.047	-1.104	-1.057
10	31	-0.040	-1.096	-1.056
10	32	-0.050	-1.115	-1.065
10	33	-0.052	-1.099	-1.047
10	34	0.036	-1.112	-1.148
15	35	-0.054	-1.099	-1.045
15	36	-0.032	-1.148	-1.116
15	37	-0.052	-1.160	-1.108
15	38	-0.046	-1.135	-1.089
15	39	-0.077	-1.106	-1.029
30	40	-0.067	-1.145	-1.078
30	41	-0.060	-1.110	-1.050
30	42	-0.082	-1.115	-1.033
30	43	-0.071	-1.150	-1.079
30	44	-0.049	-1.108	-1.059
35	45	-0.059	-1.098	-1.039
35	46	-0.081	-1.128	-1.047
35	47	-0.047	-1.109	-1.062
35	48	-0.080	-1.114	-1.034
35	49	-0.075	-1.131	-1.056
50	50	-0.065	-1.105	-1.040
50	51	-0.022	-1.090	-1.068
50	52	-0.099	-1.126	-1.027
50	53	-0.052	-1.102	-1.050
50	54	-0.058	-1.132	-1.074
55	55	-0.071	-1.098	-1.027
55	56	-0.073	-1.109	-1.036
55	57	-0.072	-1.109	-1.037
55	58	-0.058	-1.123	-1.065
55	59	-0.068	-1.126	-1.058
100	60	-0.131	-1.108	-0.977
100	61	-0.149	-1.149	-1.000
100	62	-0.149	-1.110	-0.961
100	63	-0.152	-1.116	-0.964
100	64	-0.139	-1.125	-0.986
105	65	-0.165	-1.123	-0.958
105	66	-0.163	-1.167	-1.004
105	67	-0.097	-1.129	-1.032
105	68	-0.137	-1.106	-0.969
105	69	-0.163	-1.115	-0.952
	Max	0.036	-0.899	-0.901
	Average	-0.069	-1.111	-1.042
	Min	-0.165	-1.167	-1.148
	Std Dev	0.045	0.035	0.045



	6.7_ILKG_UP/UP//3/0/(										
Test Site											
Tester											
Test Number											
Max Limit	50	nA									
Min Limit	-5	nA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-1.110	-1.133	-1.128	-1.115	-1.160	-1.150	-1.131	-1.132	-1.126	-1.149	-1.167
Average	-1.094	-1.063	-1.103	-1.105	-1.130	-1.126	-1.116	-1.111	-1.113	-1.122	-1.128
Max	-1.072	-0.899	-1.086	-1.096	-1.099	-1.108	-1.098	-1.090	-1.098	-1.108	-1.106
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

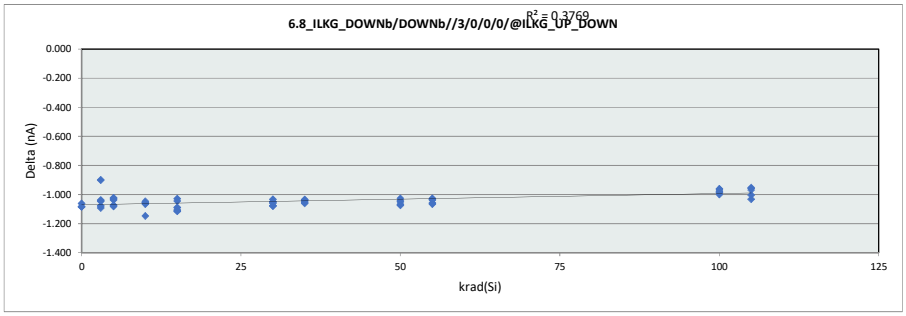


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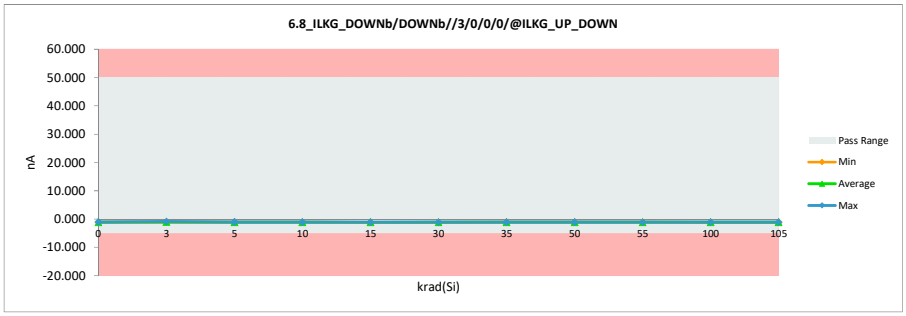
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.8_ILKG_DOWNb/DOWNb	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	100	50
Min Limit	-10	-5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.010	-1.072	-1.062
0	14	-0.015	-1.099	-1.084
0	15	-0.025	-1.110	-1.085
3	20	0.002	-0.899	-0.901
3	21	-0.010	-1.103	-1.093
3	22	-0.042	-1.081	-1.039
3	23	-0.052	-1.099	-1.047
3	24	-0.054	-1.133	-1.079
5	25	-0.011	-1.093	-1.082
5	26	-0.053	-1.128	-1.075
5	27	-0.070	-1.097	-1.027
5	28	-0.075	-1.112	-1.037
5	29	-0.063	-1.086	-1.023
10	30	-0.047	-1.104	-1.057
10	31	-0.040	-1.096	-1.056
10	32	-0.050	-1.115	-1.065
10	33	-0.052	-1.099	-1.047
10	34	0.036	-1.112	-1.148
15	35	-0.054	-1.099	-1.045
15	36	-0.032	-1.148	-1.116
15	37	-0.052	-1.160	-1.108
15	38	-0.046	-1.135	-1.089
15	39	-0.077	-1.106	-1.029
30	40	-0.067	-1.145	-1.078
30	41	-0.060	-1.110	-1.050
30	42	-0.082	-1.115	-1.033
30	43	-0.071	-1.150	-1.079
30	44	-0.049	-1.108	-1.059
35	45	-0.059	-1.098	-1.039
35	46	-0.081	-1.128	-1.047
35	47	-0.047	-1.109	-1.062
35	48	-0.080	-1.114	-1.034
35	49	-0.075	-1.131	-1.056
50	50	-0.065	-1.105	-1.040
50	51	-0.022	-1.090	-1.068
50	52	-0.099	-1.126	-1.027
50	53	-0.052	-1.102	-1.050
50	54	-0.058	-1.132	-1.074
55	55	-0.071	-1.098	-1.027
55	56	-0.073	-1.109	-1.036
55	57	-0.072	-1.109	-1.037
55	58	-0.058	-1.123	-1.065
55	59	-0.068	-1.126	-1.058
100	60	-0.131	-1.108	-0.977
100	61	-0.149	-1.149	-1.000
100	62	-0.149	-1.110	-0.961
100	63	-0.152	-1.116	-0.964
100	64	-0.139	-1.125	-0.986
105	65	-0.165	-1.123	-0.958
105	66	-0.163	-1.167	-1.004
105	67	-0.097	-1.129	-1.032
105	68	-0.137	-1.106	-0.969
105	69	-0.163	-1.115	-0.952
	Max	0.036	-0.899	-0.901
	Average	-0.069	-1.111	-1.042
	Min	-0.165	-1.167	-1.148
	Std Dev	0.045	0.035	0.045



	6.8_ILKG_DOWNb/DOWNb										
Test Site											
Tester											
Test Number											
Max Limit	50	nA									
Min Limit	-5	nA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-1.110	-1.133	-1.128	-1.115	-1.160	-1.150	-1.131	-1.132	-1.126	-1.149	-1.167
Average	-1.094	-1.063	-1.103	-1.105	-1.130	-1.126	-1.116	-1.111	-1.113	-1.122	-1.128
Max	-1.072	-0.899	-1.086	-1.096	-1.099	-1.108	-1.098	-1.090	-1.098	-1.108	-1.106
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

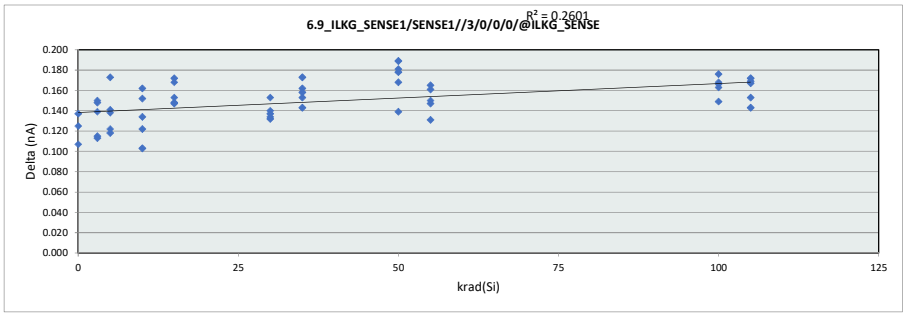


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

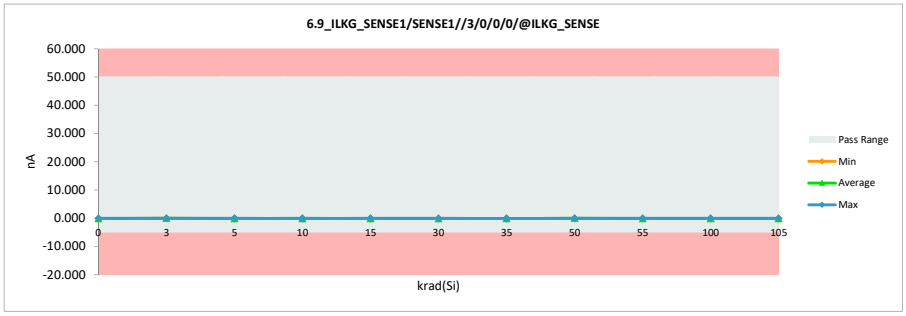
	6.9_ILKG_SENSE1/SENSE1	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	100	50
Min Limit	-10	-5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.139	-0.032	0.107
0	14	-0.149	-0.012	0.137
0	15	-0.140	-0.015	0.125
3	20	-0.132	-0.019	0.113
3	21	-0.138	-0.023	0.115
3	22	-0.160	-0.010	0.150
3	23	-0.144	-0.005	0.139
3	24	-0.160	-0.012	0.148
5	25	-0.164	0.009	0.173
5	26	-0.156	-0.038	0.118
5	27	-0.170	-0.032	0.138
5	28	-0.170	-0.048	0.122
5	29	-0.178	-0.037	0.141
10	30	-0.178	-0.026	0.152
10	31	-0.183	-0.021	0.162
10	32	-0.162	-0.059	0.103
10	33	-0.158	-0.036	0.122
10	34	-0.156	-0.022	0.134
15	35	-0.166	0.002	0.168
15	36	-0.166	-0.018	0.148
15	37	-0.173	-0.020	0.153
15	38	-0.181	-0.034	0.147
15	39	-0.191	-0.019	0.172
30	40	-0.167	-0.035	0.132
30	41	-0.163	-0.023	0.140
30	42	-0.167	-0.033	0.134
30	43	-0.192	-0.039	0.153
30	44	-0.165	-0.028	0.137
35	45	-0.181	-0.023	0.158
35	46	-0.179	-0.026	0.153
35	47	-0.184	-0.041	0.143
35	48	-0.190	-0.028	0.162
35	49	-0.194	-0.021	0.173
50	50	-0.184	-0.006	0.178
50	51	-0.183	-0.015	0.168
50	52	-0.178	0.003	0.181
50	53	-0.196	-0.007	0.189
50	54	-0.177	-0.038	0.139
55	55	-0.171	-0.024	0.147
55	56	-0.161	-0.011	0.150
55	57	-0.173	-0.012	0.161
55	58	-0.184	-0.019	0.165
55	59	-0.174	-0.043	0.131
100	60	-0.184	-0.035	0.149
100	61	-0.184	-0.021	0.163
100	62	-0.183	-0.015	0.168
100	63	-0.180	-0.004	0.176
100	64	-0.182	-0.016	0.166
105	65	-0.171	-0.018	0.153
105	66	-0.184	-0.015	0.169
105	67	-0.174	-0.007	0.167
105	68	-0.190	-0.047	0.143
105	69	-0.178	-0.006	0.172
	Max	-0.132	0.009	0.189
	Average	-0.171	-0.022	0.149
	Min	-0.196	-0.059	0.103
	Std Dev	0.015	0.014	0.020



	6.9_ILKG_SENSE1/SENSE1	
Test Site		
Tester		
Test Number		
Max Limit	50	nA
Min Limit	-5	nA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-0.032	-0.023	-0.048	-0.059	-0.034	-0.039	-0.041	-0.038	-0.043	-0.035	-0.047
Average	-0.020	-0.014	-0.029	-0.033	-0.018	-0.032	-0.028	-0.013	-0.022	-0.018	-0.019
Max	-0.012	-0.005	0.009	-0.021	0.002	-0.023	-0.021	0.003	-0.011	-0.004	-0.006
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

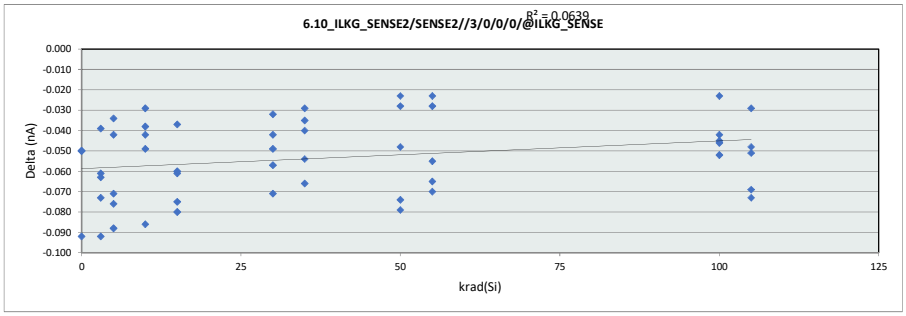


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

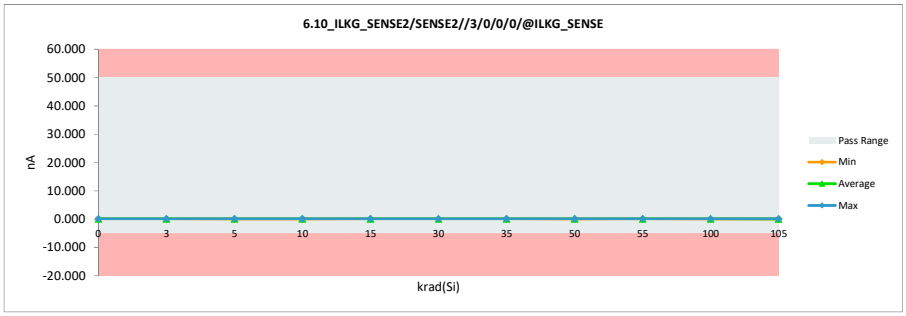
	6.10_ILKG_SENSE2/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.176	0.084	-0.092
0	14	0.153	0.103	-0.050
0	15	0.162	0.112	-0.050
3	20	0.156	0.093	-0.063
3	21	0.182	0.090	-0.092
3	22	0.148	0.109	-0.039
3	23	0.156	0.083	-0.073
3	24	0.162	0.101	-0.061
5	25	0.141	0.107	-0.034
5	26	0.156	0.114	-0.042
5	27	0.152	0.064	-0.088
5	28	0.142	0.071	-0.071
5	29	0.151	0.075	-0.076
10	30	0.148	0.106	-0.042
10	31	0.122	0.093	-0.029
10	32	0.135	0.097	-0.038
10	33	0.128	0.079	-0.049
10	34	0.149	0.063	-0.086
15	35	0.165	0.085	-0.080
15	36	0.132	0.095	-0.037
15	37	0.151	0.090	-0.061
15	38	0.148	0.088	-0.060
15	39	0.162	0.087	-0.075
30	40	0.151	0.109	-0.042
30	41	0.148	0.099	-0.049
30	42	0.143	0.086	-0.057
30	43	0.141	0.109	-0.032
30	44	0.154	0.083	-0.071
35	45	0.138	0.072	-0.066
35	46	0.137	0.083	-0.054
35	47	0.141	0.101	-0.040
35	48	0.126	0.091	-0.035
35	49	0.114	0.085	-0.029
50	50	0.127	0.104	-0.023
50	51	0.129	0.081	-0.048
50	52	0.132	0.058	-0.074
50	53	0.153	0.074	-0.079
50	54	0.117	0.089	-0.028
55	55	0.140	0.085	-0.055
55	56	0.143	0.073	-0.070
55	57	0.125	0.102	-0.023
55	58	0.118	0.090	-0.028
55	59	0.143	0.078	-0.065
100	60	0.109	0.086	-0.023
100	61	0.109	0.067	-0.042
100	62	0.119	0.074	-0.045
100	63	0.131	0.085	-0.046
100	64	0.124	0.072	-0.052
105	65	0.114	0.066	-0.048
105	66	0.122	0.049	-0.073
105	67	0.125	0.056	-0.069
105	68	0.118	0.067	-0.051
105	69	0.120	0.091	-0.029
	Max	0.182	0.114	-0.023
	Average	0.139	0.086	-0.053
	Min	0.109	0.049	-0.092
	Std Dev	0.017	0.015	0.019



	6.10_ILKG_SENSE2/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	0.084	0.083	0.064	0.063	0.085	0.083	0.072	0.058	0.073	0.067	0.049
Average	0.100	0.095	0.086	0.088	0.089	0.097	0.086	0.081	0.086	0.077	0.066
Max	0.112	0.109	0.114	0.106	0.095	0.109	0.101	0.104	0.102	0.086	0.091
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

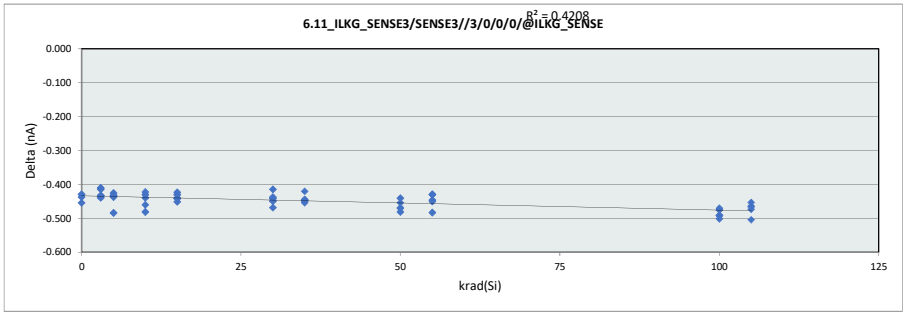


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

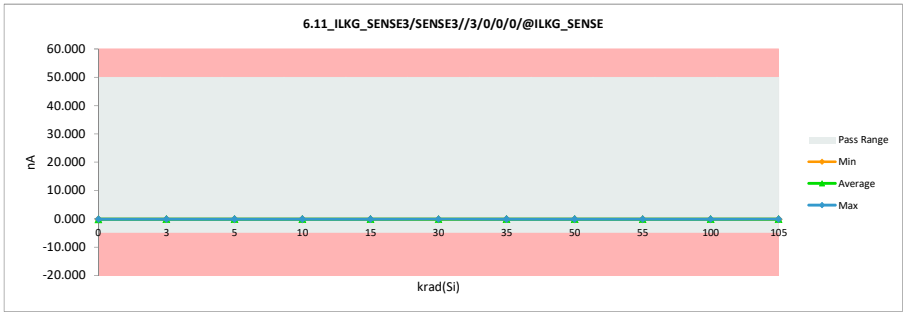
	6.11_ILKG_SENSE3/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	-0.168	-0.429
0	14	0.264	-0.173	-0.437
0	15	0.263	-0.191	-0.454
3	20	0.273	-0.160	-0.433
3	21	0.263	-0.151	-0.414
3	22	0.275	-0.158	-0.433
3	23	0.281	-0.158	-0.439
3	24	0.277	-0.133	-0.410
5	25	0.271	-0.154	-0.425
5	26	0.295	-0.189	-0.484
5	27	0.283	-0.151	-0.434
5	28	0.281	-0.151	-0.432
5	29	0.289	-0.148	-0.437
10	30	0.298	-0.162	-0.460
10	31	0.301	-0.180	-0.481
10	32	0.294	-0.136	-0.430
10	33	0.282	-0.157	-0.439
10	34	0.273	-0.149	-0.422
15	35	0.271	-0.159	-0.430
15	36	0.286	-0.154	-0.440
15	37	0.281	-0.142	-0.423
15	38	0.275	-0.166	-0.441
15	39	0.291	-0.160	-0.451
30	40	0.292	-0.176	-0.468
30	41	0.280	-0.161	-0.441
30	42	0.297	-0.152	-0.449
30	43	0.279	-0.158	-0.437
30	44	0.291	-0.123	-0.414
35	45	0.284	-0.136	-0.420
35	46	0.296	-0.151	-0.447
35	47	0.287	-0.162	-0.449
35	48	0.292	-0.152	-0.444
35	49	0.295	-0.159	-0.454
50	50	0.301	-0.169	-0.470
50	51	0.302	-0.179	-0.481
50	52	0.300	-0.154	-0.454
50	53	0.309	-0.159	-0.468
50	54	0.305	-0.135	-0.440
55	55	0.295	-0.151	-0.446
55	56	0.281	-0.149	-0.430
55	57	0.307	-0.176	-0.483
55	58	0.294	-0.156	-0.450
55	59	0.290	-0.139	-0.429
100	60	0.334	-0.157	-0.491
100	61	0.322	-0.148	-0.470
100	62	0.331	-0.160	-0.491
100	63	0.328	-0.147	-0.475
100	64	0.324	-0.177	-0.501
105	65	0.330	-0.123	-0.453
105	66	0.331	-0.142	-0.473
105	67	0.319	-0.185	-0.504
105	68	0.315	-0.151	-0.466
105	69	0.326	-0.137	-0.463
	Max	0.334	-0.123	-0.410
	Average	0.294	-0.156	-0.450
	Min	0.261	-0.191	-0.504
	Std Dev	0.020	0.015	0.023



	6.11_ILKG_SENSE3/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-0.191	-0.160	-0.189	-0.180	-0.166	-0.176	-0.162	-0.179	-0.176	-0.177	-0.185
Average	-0.177	-0.152	-0.159	-0.157	-0.156	-0.154	-0.152	-0.159	-0.154	-0.158	-0.148
Max	-0.168	-0.133	-0.148	-0.136	-0.142	-0.123	-0.136	-0.135	-0.139	-0.147	-0.123
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

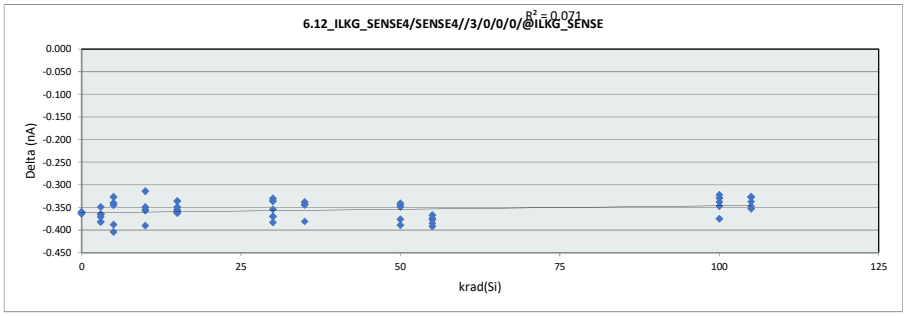


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

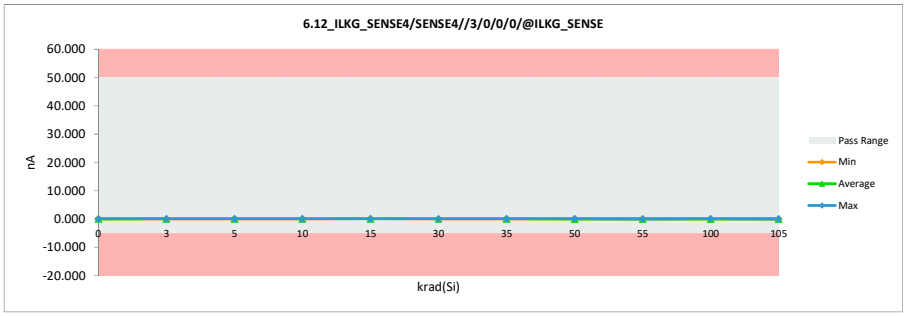
	6.12_ILKG_SENSE4/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.439	0.078	-0.361
0	14	0.439	0.079	-0.360
0	15	0.439	0.075	-0.364
3	20	0.434	0.069	-0.365
3	21	0.434	0.069	-0.365
3	22	0.437	0.066	-0.371
3	23	0.416	0.067	-0.349
3	24	0.431	0.049	-0.382
5	25	0.409	0.064	-0.345
5	26	0.420	0.080	-0.340
5	27	0.434	0.030	-0.404
5	28	0.408	0.081	-0.327
5	29	0.431	0.043	-0.388
10	30	0.402	0.045	-0.357
10	31	0.414	0.059	-0.355
10	32	0.411	0.097	-0.314
10	33	0.401	0.052	-0.349
10	34	0.442	0.052	-0.390
15	35	0.420	0.058	-0.362
15	36	0.416	0.056	-0.360
15	37	0.400	0.064	-0.336
15	38	0.422	0.067	-0.355
15	39	0.403	0.054	-0.349
30	40	0.416	0.033	-0.383
30	41	0.423	0.069	-0.354
30	42	0.412	0.082	-0.330
30	43	0.412	0.076	-0.336
30	44	0.430	0.060	-0.370
35	45	0.417	0.036	-0.381
35	46	0.411	0.073	-0.338
35	47	0.403	0.064	-0.339
35	48	0.408	0.064	-0.344
35	49	0.409	0.065	-0.344
50	50	0.409	0.064	-0.345
50	51	0.413	0.024	-0.389
50	52	0.413	0.064	-0.349
50	53	0.402	0.026	-0.376
50	54	0.414	0.073	-0.341
55	55	0.413	0.028	-0.385
55	56	0.426	0.034	-0.392
55	57	0.395	0.021	-0.374
55	58	0.419	0.042	-0.377
55	59	0.418	0.051	-0.367
100	60	0.378	0.031	-0.347
100	61	0.400	0.025	-0.375
100	62	0.372	0.034	-0.338
100	63	0.372	0.043	-0.329
100	64	0.379	0.057	-0.322
105	65	0.348	0.020	-0.328
105	66	0.369	0.043	-0.326
105	67	0.383	0.030	-0.353
105	68	0.374	0.037	-0.337
105	69	0.380	0.033	-0.347
	Max	0.442	0.097	-0.314
	Average	0.410	0.054	-0.356
	Min	0.348	0.020	-0.404
	Std Dev	0.021	0.019	0.021



	6.12_ILKG_SENSE4/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	0.075	0.049	0.030	0.045	0.054	0.033	0.036	0.024	0.021	0.025	0.020
Average	0.077	0.064	0.060	0.061	0.060	0.064	0.060	0.050	0.035	0.038	0.033
Max	0.079	0.069	0.081	0.097	0.067	0.082	0.073	0.073	0.051	0.057	0.043
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

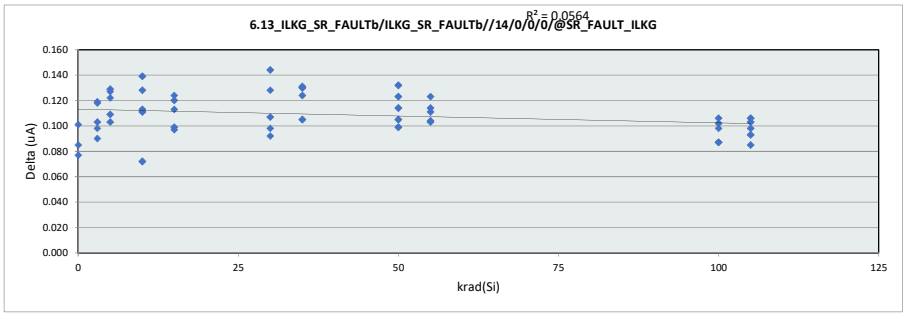


TID HDR Report
TPS7H3014-SP

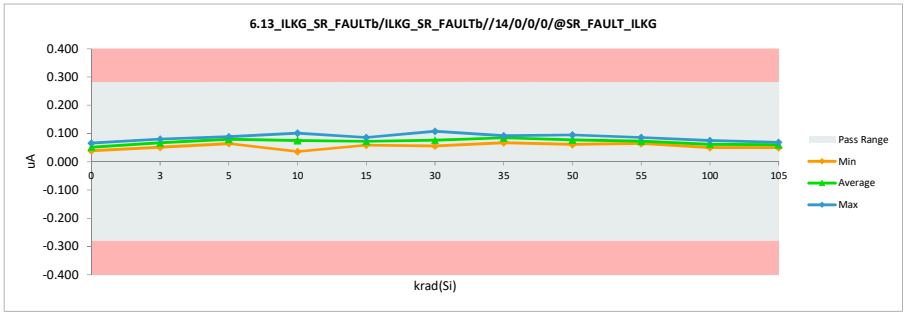
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.13_ILKG_SR_FAULTb/IL	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	0.3	0.28
Min Limit	-0.3	-0.28

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.038	0.039	0.077
0	14	-0.035	0.050	0.085
0	15	-0.035	0.066	0.101
3	20	-0.038	0.080	0.118
3	21	-0.039	0.059	0.098
3	22	-0.038	0.065	0.103
3	23	-0.039	0.051	0.090
3	24	-0.039	0.080	0.119
5	25	-0.040	0.089	0.129
5	26	-0.038	0.071	0.109
5	27	-0.038	0.089	0.127
5	28	-0.039	0.064	0.103
5	29	-0.038	0.084	0.122
10	30	-0.036	0.092	0.128
10	31	-0.036	0.036	0.072
10	32	-0.038	0.075	0.113
10	33	-0.037	0.074	0.111
10	34	-0.038	0.101	0.139
15	35	-0.037	0.060	0.097
15	36	-0.037	0.076	0.113
15	37	-0.039	0.081	0.120
15	38	-0.038	0.086	0.124
15	39	-0.040	0.059	0.099
30	40	-0.037	0.070	0.107
30	41	-0.040	0.088	0.128
30	42	-0.036	0.056	0.092
30	43	-0.038	0.060	0.098
30	44	-0.036	0.108	0.144
35	45	-0.038	0.067	0.105
35	46	-0.038	0.086	0.124
35	47	-0.039	0.092	0.131
35	48	-0.040	0.090	0.130
35	49	-0.041	0.089	0.130
50	50	-0.037	0.086	0.123
50	51	-0.036	0.078	0.114
50	52	-0.038	0.061	0.099
50	53	-0.037	0.095	0.132
50	54	-0.038	0.067	0.105
55	55	-0.036	0.075	0.111
55	56	-0.039	0.065	0.104
55	57	-0.037	0.086	0.123
55	58	-0.040	0.074	0.114
55	59	-0.038	0.065	0.103
100	60	-0.031	0.075	0.106
100	61	-0.032	0.066	0.098
100	62	-0.037	0.065	0.102
100	63	-0.037	0.050	0.087
100	64	-0.033	0.054	0.087
105	65	-0.035	0.050	0.085
105	66	-0.034	0.069	0.103
105	67	-0.038	0.060	0.098
105	68	-0.037	0.069	0.106
105	69	-0.037	0.056	0.093
	Max	-0.031	0.108	0.144
	Average	-0.037	0.072	0.109
	Min	-0.041	0.036	0.072
	Std Dev	0.002	0.016	0.016



	6.13_ILKG_SR_FAULTb/I										
Test Site											
Tester											
Test Number											
Max Limit	0.28	uA									
Min Limit	-0.28	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280	-0.280
Min	0.039	0.051	0.064	0.036	0.059	0.056	0.067	0.061	0.065	0.050	0.050
Average	0.052	0.067	0.079	0.076	0.072	0.076	0.085	0.077	0.073	0.062	0.061
Max	0.066	0.080	0.089	0.101	0.086	0.108	0.092	0.095	0.086	0.075	0.069
UL	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280

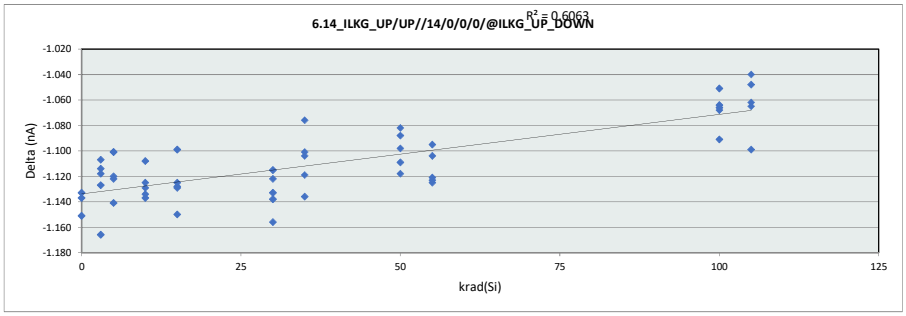


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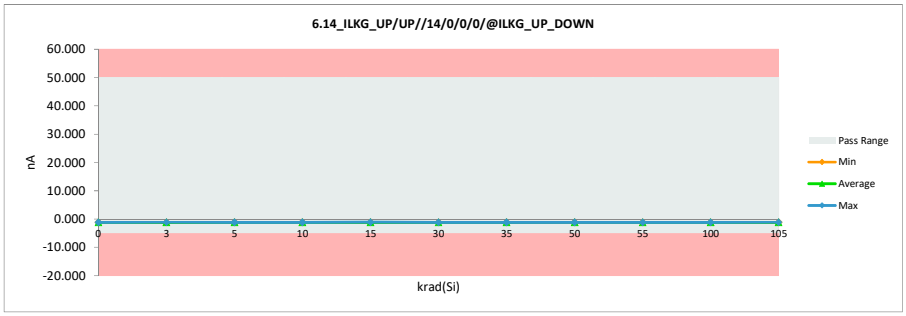
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.14_ILKG_UP/UP//14/0	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	100	50
Min Limit	-10	-5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.021	-1.154	-1.133
0	14	-0.033	-1.170	-1.137
0	15	-0.019	-1.170	-1.151
3	20	-0.026	-1.133	-1.107
3	21	-0.032	-1.159	-1.127
3	22	-0.025	-1.191	-1.166
3	23	-0.038	-1.156	-1.118
3	24	-0.040	-1.154	-1.114
5	25	-0.039	-1.159	-1.120
5	26	-0.046	-1.147	-1.101
5	27	-0.049	-1.150	-1.101
5	28	-0.040	-1.181	-1.141
5	29	-0.031	-1.153	-1.122
10	30	-0.041	-1.149	-1.108
10	31	-0.035	-1.164	-1.129
10	32	-0.039	-1.164	-1.125
10	33	-0.023	-1.160	-1.137
10	34	-0.034	-1.168	-1.134
15	35	-0.034	-1.163	-1.129
15	36	-0.037	-1.136	-1.099
15	37	-0.040	-1.168	-1.128
15	38	-0.046	-1.171	-1.125
15	39	-0.020	-1.170	-1.150
30	40	-0.039	-1.172	-1.133
30	41	-0.033	-1.171	-1.138
30	42	-0.045	-1.160	-1.115
30	43	-0.035	-1.191	-1.156
30	44	-0.033	-1.155	-1.122
35	45	-0.041	-1.145	-1.104
35	46	-0.032	-1.168	-1.136
35	47	-0.056	-1.175	-1.119
35	48	-0.078	-1.154	-1.076
35	49	-0.060	-1.161	-1.101
50	50	-0.051	-1.160	-1.109
50	51	-0.065	-1.163	-1.098
50	52	-0.063	-1.145	-1.082
50	53	-0.056	-1.144	-1.088
50	54	-0.047	-1.165	-1.118
55	55	-0.060	-1.164	-1.104
55	56	-0.056	-1.181	-1.125
55	57	-0.068	-1.191	-1.123
55	58	-0.063	-1.158	-1.095
55	59	-0.059	-1.180	-1.121
100	60	-0.119	-1.170	-1.051
100	61	-0.104	-1.170	-1.066
100	62	-0.097	-1.188	-1.091
100	63	-0.098	-1.166	-1.068
100	64	-0.115	-1.179	-1.064
105	65	-0.086	-1.151	-1.065
105	66	-0.124	-1.186	-1.062
105	67	-0.103	-1.151	-1.048
105	68	-0.087	-1.186	-1.099
105	69	-0.093	-1.133	-1.040
	Max	-0.019	-1.133	-1.040
	Average	-0.054	-1.164	-1.110
	Min	-0.124	-1.191	-1.166
	Std Dev	0.027	0.014	0.029



	6.14_ILKG_UP/UP//14/										
Test Site											
Tester											
Test Number											
Max Limit	50	nA									
Min Limit	-5	nA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-1.170	-1.191	-1.181	-1.168	-1.171	-1.191	-1.175	-1.165	-1.191	-1.188	-1.186
Average	-1.165	-1.159	-1.158	-1.161	-1.162	-1.170	-1.161	-1.155	-1.175	-1.175	-1.161
Max	-1.154	-1.133	-1.147	-1.149	-1.136	-1.155	-1.145	-1.144	-1.158	-1.166	-1.133
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

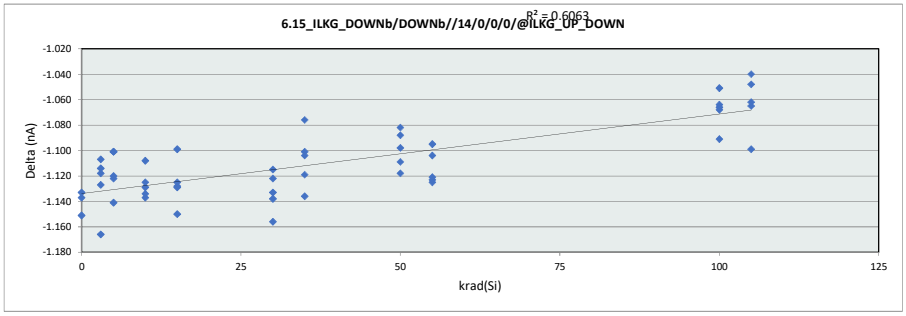


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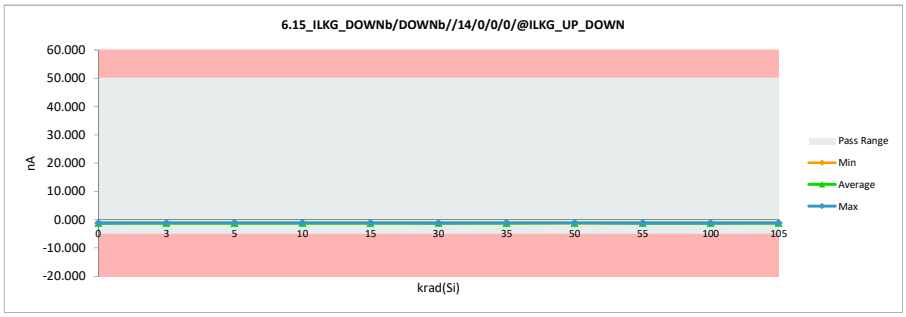
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.15_ILKG_DOWNb/DOWN	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	100	50
Min Limit	-10	-5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.021	-1.154	-1.133
0	14	-0.033	-1.170	-1.137
0	15	-0.019	-1.170	-1.151
3	20	-0.026	-1.133	-1.107
3	21	-0.032	-1.159	-1.127
3	22	-0.025	-1.191	-1.166
3	23	-0.038	-1.156	-1.118
3	24	-0.040	-1.154	-1.114
5	25	-0.039	-1.159	-1.120
5	26	-0.046	-1.147	-1.101
5	27	-0.049	-1.150	-1.101
5	28	-0.040	-1.181	-1.141
5	29	-0.031	-1.153	-1.122
10	30	-0.041	-1.149	-1.108
10	31	-0.035	-1.164	-1.129
10	32	-0.039	-1.164	-1.125
10	33	-0.023	-1.160	-1.137
10	34	-0.034	-1.168	-1.134
15	35	-0.034	-1.163	-1.129
15	36	-0.037	-1.136	-1.099
15	37	-0.040	-1.168	-1.128
15	38	-0.046	-1.171	-1.125
15	39	-0.020	-1.170	-1.150
30	40	-0.039	-1.172	-1.133
30	41	-0.033	-1.171	-1.138
30	42	-0.045	-1.160	-1.115
30	43	-0.035	-1.191	-1.156
30	44	-0.033	-1.155	-1.122
35	45	-0.041	-1.145	-1.104
35	46	-0.032	-1.168	-1.136
35	47	-0.056	-1.175	-1.119
35	48	-0.078	-1.154	-1.076
35	49	-0.060	-1.161	-1.101
50	50	-0.051	-1.160	-1.109
50	51	-0.065	-1.163	-1.098
50	52	-0.063	-1.145	-1.082
50	53	-0.056	-1.144	-1.088
50	54	-0.047	-1.165	-1.118
55	55	-0.060	-1.164	-1.104
55	56	-0.056	-1.181	-1.125
55	57	-0.068	-1.191	-1.123
55	58	-0.063	-1.158	-1.095
55	59	-0.059	-1.180	-1.121
100	60	-0.119	-1.170	-1.051
100	61	-0.104	-1.170	-1.066
100	62	-0.097	-1.188	-1.091
100	63	-0.098	-1.166	-1.068
100	64	-0.115	-1.179	-1.064
105	65	-0.086	-1.151	-1.065
105	66	-0.124	-1.186	-1.062
105	67	-0.103	-1.151	-1.048
105	68	-0.087	-1.186	-1.099
105	69	-0.093	-1.133	-1.040
	Max	-0.019	-1.133	-1.040
	Average	-0.054	-1.164	-1.110
	Min	-0.124	-1.191	-1.166
	Std Dev	0.027	0.014	0.029



	6.15_ILKG_DOWNb/DOW										
Test Site											
Tester											
Test Number											
Max Limit	50	nA									
Min Limit	-5	nA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-1.170	-1.191	-1.181	-1.168	-1.171	-1.191	-1.175	-1.165	-1.191	-1.188	-1.186
Average	-1.165	-1.159	-1.158	-1.161	-1.162	-1.170	-1.161	-1.155	-1.175	-1.175	-1.161
Max	-1.154	-1.133	-1.147	-1.149	-1.136	-1.155	-1.145	-1.144	-1.158	-1.166	-1.133
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

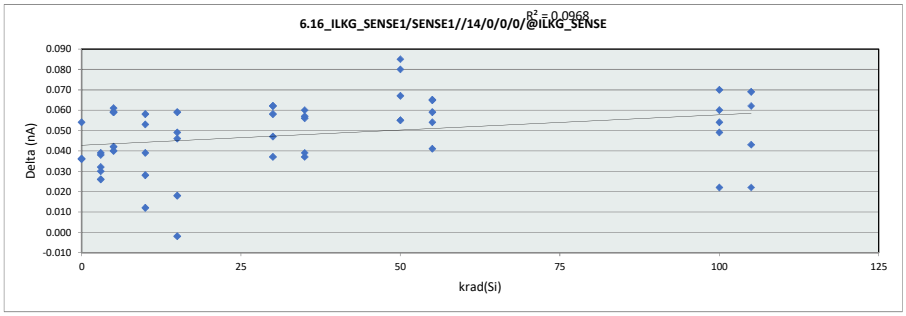


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

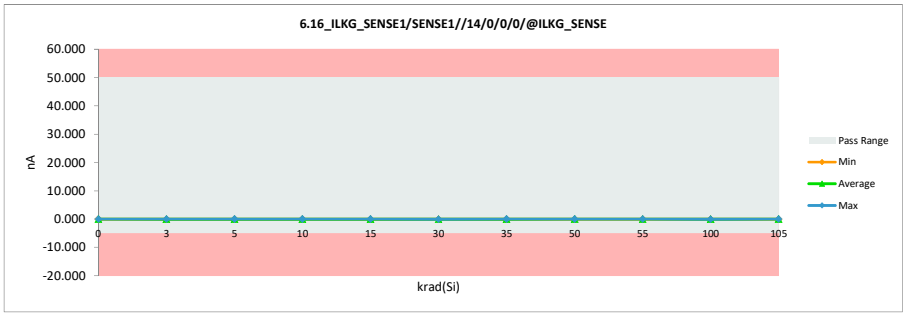
	6.16_ILKG_SENSE1/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	-0.084	-0.030	0.054
0	14	-0.077	-0.041	0.036
0	15	-0.045	-0.009	0.036
3	20	-0.059	-0.027	0.032
3	21	-0.086	-0.060	0.026
3	22	-0.066	-0.036	0.030
3	23	-0.095	-0.056	0.039
3	24	-0.086	-0.048	0.038
5	25	-0.098	-0.037	0.061
5	26	-0.083	-0.024	0.059
5	27	-0.099	-0.059	0.040
5	28	-0.111	-0.052	0.059
5	29	-0.090	-0.048	0.042
10	30	-0.105	-0.047	0.058
10	31	-0.108	-0.055	0.053
10	32	-0.082	-0.070	0.012
10	33	-0.074	-0.046	0.028
10	34	-0.075	-0.036	0.039
15	35	-0.062	-0.064	-0.002
15	36	-0.080	-0.034	0.046
15	37	-0.075	-0.057	0.018
15	38	-0.104	-0.045	0.059
15	39	-0.084	-0.035	0.049
30	40	-0.109	-0.051	0.058
30	41	-0.097	-0.050	0.047
30	42	-0.094	-0.057	0.037
30	43	-0.108	-0.046	0.062
30	44	-0.110	-0.048	0.062
35	45	-0.076	-0.039	0.037
35	46	-0.084	-0.045	0.039
35	47	-0.113	-0.053	0.060
35	48	-0.090	-0.034	0.056
35	49	-0.108	-0.051	0.057
50	50	-0.106	-0.039	0.067
50	51	-0.111	-0.026	0.085
50	52	-0.104	-0.024	0.080
50	53	-0.102	-0.047	0.055
50	54	-0.095	-0.040	0.055
55	55	-0.094	-0.035	0.059
55	56	-0.101	-0.047	0.054
55	57	-0.114	-0.049	0.065
55	58	-0.082	-0.041	0.041
55	59	-0.095	-0.030	0.065
100	60	-0.108	-0.048	0.060
100	61	-0.124	-0.054	0.070
100	62	-0.112	-0.063	0.049
100	63	-0.097	-0.043	0.054
100	64	-0.072	-0.050	0.022
105	65	-0.077	-0.034	0.043
105	66	-0.102	-0.040	0.062
105	67	-0.084	-0.062	0.022
105	68	-0.086	-0.017	0.069
105	69	-0.094	-0.025	0.069
	Max	-0.045	-0.009	0.085
	Average	-0.092	-0.043	0.049
	Min	-0.124	-0.070	-0.002
	Std Dev	0.016	0.013	0.017



	6.16_ILKG_SENSE1/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-0.041	-0.060	-0.059	-0.070	-0.064	-0.057	-0.053	-0.047	-0.049	-0.063	-0.062
Average	-0.027	-0.045	-0.044	-0.051	-0.047	-0.050	-0.044	-0.035	-0.040	-0.052	-0.036
Max	-0.009	-0.027	-0.024	-0.036	-0.034	-0.046	-0.034	-0.024	-0.030	-0.043	-0.017
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

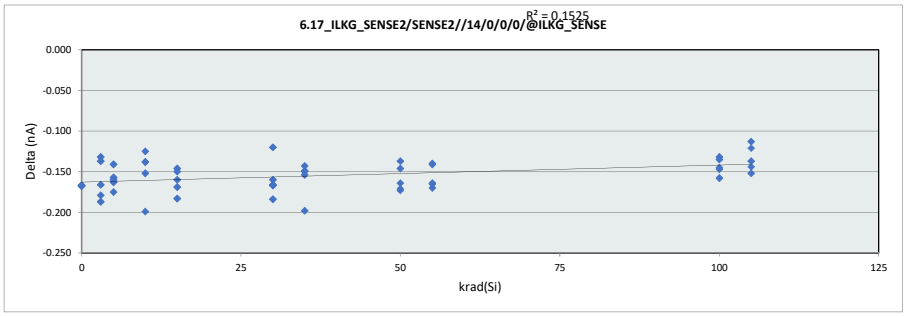


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.17_ILKG_SENSE2/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

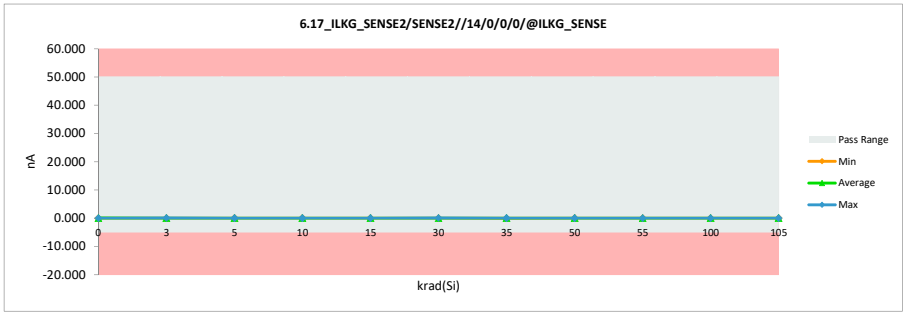
krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.248	0.080	-0.168
0	14	0.242	0.075	-0.167
0	15	0.238	0.071	-0.167
3	20	0.220	0.041	-0.179
3	21	0.236	0.070	-0.166
3	22	0.234	0.097	-0.137
3	23	0.241	0.054	-0.187
3	24	0.230	0.098	-0.132
5	25	0.225	0.065	-0.160
5	26	0.238	0.075	-0.163
5	27	0.223	0.066	-0.157
5	28	0.225	0.084	-0.141
5	29	0.232	0.057	-0.175
10	30	0.218	0.080	-0.138
10	31	0.213	0.075	-0.138
10	32	0.204	0.079	-0.125
10	33	0.216	0.064	-0.152
10	34	0.243	0.044	-0.199
15	35	0.237	0.054	-0.183
15	36	0.228	0.082	-0.146
15	37	0.223	0.073	-0.150
15	38	0.235	0.066	-0.169
15	39	0.235	0.075	-0.160
30	40	0.226	0.042	-0.184
30	41	0.227	0.061	-0.166
30	42	0.227	0.060	-0.167
30	43	0.212	0.092	-0.120
30	44	0.236	0.076	-0.160
35	45	0.222	0.079	-0.143
35	46	0.211	0.062	-0.149
35	47	0.221	0.071	-0.150
35	48	0.209	0.055	-0.154
35	49	0.218	0.020	-0.198
50	50	0.216	0.045	-0.171
50	51	0.205	0.059	-0.146
50	52	0.216	0.052	-0.164
50	53	0.218	0.045	-0.173
50	54	0.210	0.073	-0.137
55	55	0.226	0.056	-0.170
55	56	0.210	0.046	-0.164
55	57	0.209	0.068	-0.141
55	58	0.207	0.067	-0.140
55	59	0.225	0.060	-0.165
100	60	0.192	0.060	-0.132
100	61	0.178	0.031	-0.147
100	62	0.211	0.066	-0.145
100	63	0.198	0.063	-0.135
100	64	0.197	0.039	-0.158
105	65	0.190	0.053	-0.137
105	66	0.200	0.087	-0.113
105	67	0.204	0.052	-0.152
105	68	0.197	0.053	-0.144
105	69	0.204	0.083	-0.121
	Max	0.248	0.098	-0.113
	Average	0.219	0.064	-0.155
	Min	0.178	0.020	-0.199
	Std Dev	0.015	0.016	0.019



	6.17_ILKG_SENSE2/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

	nA
	nA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	0.071	0.041	0.057	0.044	0.054	0.042	0.020	0.045	0.046	0.031	0.052
Average	0.075	0.072	0.069	0.068	0.070	0.066	0.057	0.055	0.059	0.052	0.066
Max	0.080	0.098	0.084	0.080	0.082	0.092	0.079	0.073	0.068	0.066	0.087
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

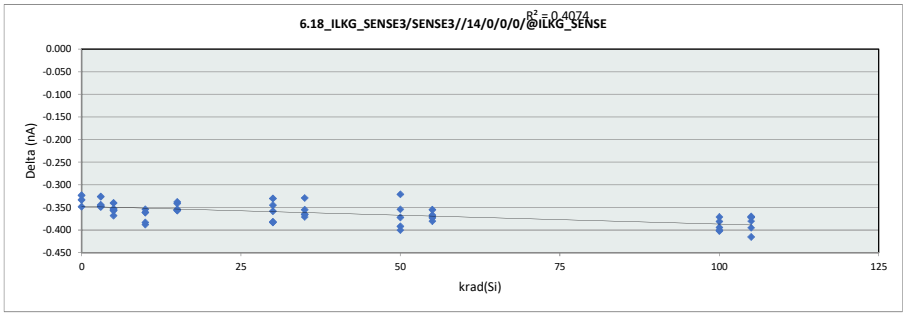


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

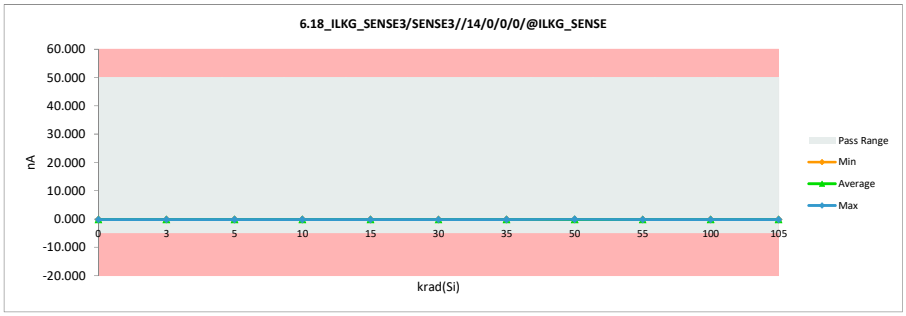
	6.18_ILKG_SENSE3/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.179	-0.144	-0.323
0	14	0.184	-0.149	-0.333
0	15	0.177	-0.171	-0.348
3	20	0.188	-0.138	-0.326
3	21	0.202	-0.145	-0.347
3	22	0.190	-0.154	-0.344
3	23	0.193	-0.156	-0.349
3	24	0.200	-0.147	-0.347
5	25	0.205	-0.148	-0.353
5	26	0.196	-0.160	-0.356
5	27	0.203	-0.154	-0.357
5	28	0.201	-0.139	-0.340
5	29	0.205	-0.163	-0.368
10	30	0.205	-0.149	-0.354
10	31	0.215	-0.173	-0.388
10	32	0.225	-0.158	-0.383
10	33	0.192	-0.169	-0.361
10	34	0.204	-0.157	-0.361
15	35	0.186	-0.152	-0.338
15	36	0.194	-0.147	-0.341
15	37	0.213	-0.143	-0.356
15	38	0.202	-0.152	-0.354
15	39	0.210	-0.147	-0.357
30	40	0.206	-0.139	-0.345
30	41	0.203	-0.155	-0.358
30	42	0.221	-0.162	-0.383
30	43	0.213	-0.169	-0.382
30	44	0.198	-0.132	-0.330
35	45	0.193	-0.136	-0.329
35	46	0.222	-0.149	-0.371
35	47	0.218	-0.147	-0.365
35	48	0.212	-0.143	-0.355
35	49	0.211	-0.155	-0.366
50	50	0.213	-0.159	-0.372
50	51	0.227	-0.173	-0.400
50	52	0.205	-0.116	-0.321
50	53	0.228	-0.164	-0.392
50	54	0.221	-0.133	-0.354
55	55	0.230	-0.141	-0.371
55	56	0.217	-0.156	-0.373
55	57	0.199	-0.156	-0.355
55	58	0.204	-0.163	-0.367
55	59	0.211	-0.169	-0.380
100	60	0.246	-0.148	-0.394
100	61	0.235	-0.167	-0.402
100	62	0.244	-0.127	-0.371
100	63	0.244	-0.156	-0.400
100	64	0.240	-0.141	-0.381
105	65	0.254	-0.161	-0.415
105	66	0.241	-0.154	-0.395
105	67	0.248	-0.132	-0.380
105	68	0.220	-0.152	-0.372
105	69	0.237	-0.133	-0.370
	Max	0.254	-0.116	-0.321
	Average	0.212	-0.151	-0.363
	Min	0.177	-0.173	-0.415
	Std Dev	0.019	0.012	0.022



	6.18_ILKG_SENSE3/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-0.171	-0.156	-0.163	-0.173	-0.152	-0.169	-0.155	-0.173	-0.169	-0.167	-0.161
Average	-0.155	-0.148	-0.153	-0.161	-0.148	-0.151	-0.146	-0.149	-0.157	-0.148	-0.146
Max	-0.144	-0.138	-0.139	-0.149	-0.143	-0.132	-0.136	-0.116	-0.141	-0.127	-0.132
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

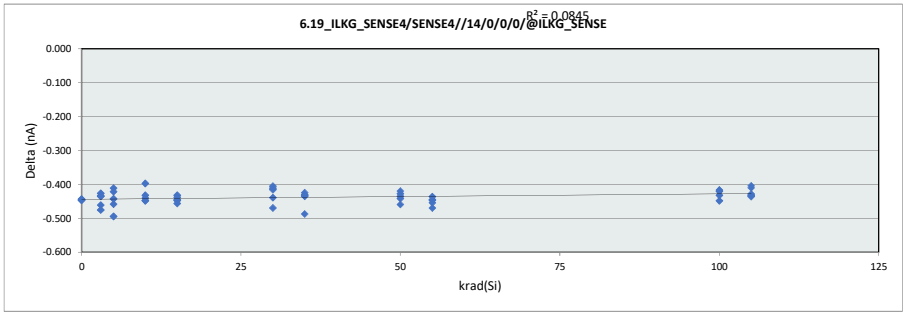


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

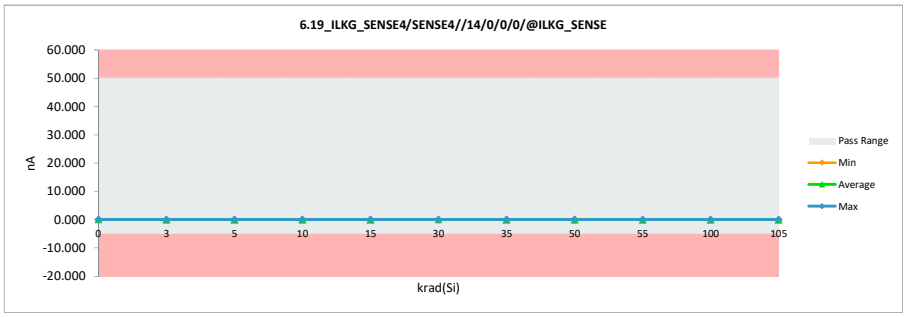
	6.19_ILKG_SENSE4/SENSE
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	100
Min Limit	-10

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.501	0.055	-0.446
0	14	0.502	0.059	-0.443
0	15	0.499	0.053	-0.446
3	20	0.494	0.059	-0.435
3	21	0.504	0.043	-0.461
3	22	0.503	0.028	-0.475
3	23	0.474	0.048	-0.426
3	24	0.491	0.057	-0.434
5	25	0.492	0.050	-0.442
5	26	0.475	0.054	-0.421
5	27	0.486	0.028	-0.458
5	28	0.473	0.062	-0.411
5	29	0.483	-0.011	-0.494
10	30	0.481	0.034	-0.447
10	31	0.466	0.069	-0.397
10	32	0.484	0.052	-0.432
10	33	0.485	0.037	-0.448
10	34	0.481	0.041	-0.440
15	35	0.485	0.040	-0.445
15	36	0.488	0.050	-0.438
15	37	0.477	0.021	-0.456
15	38	0.477	0.030	-0.447
15	39	0.473	0.041	-0.432
30	40	0.500	0.031	-0.469
30	41	0.474	0.059	-0.415
30	42	0.469	0.058	-0.411
30	43	0.475	0.070	-0.405
30	44	0.491	0.052	-0.439
35	45	0.495	0.008	-0.487
35	46	0.482	0.052	-0.430
35	47	0.479	0.046	-0.433
35	48	0.480	0.056	-0.424
35	49	0.472	0.037	-0.435
50	50	0.458	0.039	-0.419
50	51	0.478	0.051	-0.427
50	52	0.498	0.057	-0.441
50	53	0.487	0.028	-0.459
50	54	0.485	0.050	-0.435
55	55	0.491	0.055	-0.436
55	56	0.479	0.010	-0.469
55	57	0.482	0.037	-0.445
55	58	0.476	0.022	-0.454
55	59	0.479	0.033	-0.446
100	60	0.461	0.042	-0.419
100	61	0.446	0.030	-0.416
100	62	0.452	0.004	-0.448
100	63	0.442	0.022	-0.420
100	64	0.450	0.018	-0.432
105	65	0.440	0.008	-0.432
105	66	0.430	0.026	-0.404
105	67	0.457	0.021	-0.436
105	68	0.456	0.046	-0.410
105	69	0.449	0.021	-0.428
	Max	0.504	0.070	-0.397
	Average	0.477	0.039	-0.438
	Min	0.430	-0.011	-0.494
	Std Dev	0.017	0.018	0.020



	6.19_ILKG_SENSE4/SENS
Test Site	
Tester	
Test Number	
Max Limit	50
Min Limit	-5

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	0.053	0.028	-0.011	0.034	0.021	0.031	0.008	0.028	0.010	0.004	0.008
Average	0.056	0.047	0.037	0.047	0.036	0.054	0.040	0.045	0.031	0.023	0.024
Max	0.059	0.059	0.062	0.069	0.050	0.070	0.056	0.057	0.055	0.042	0.046
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

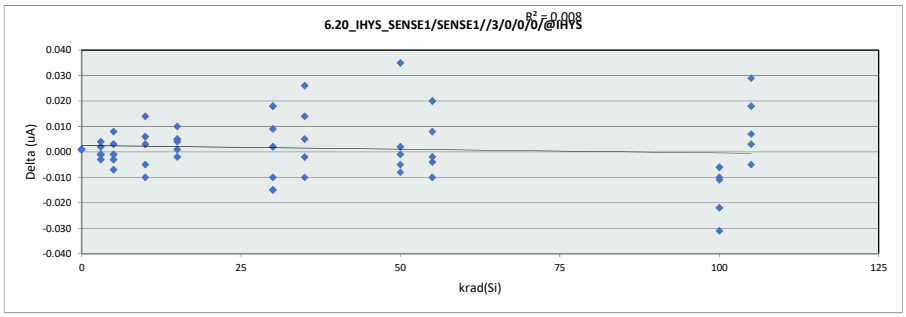


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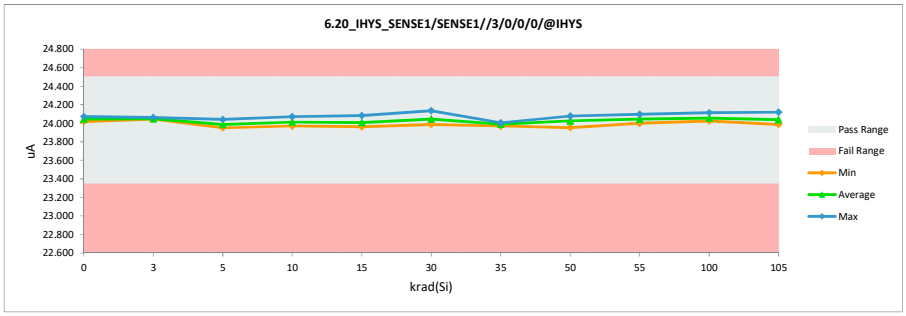
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.20_IHYS_SENSE1/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.046	24.047	0.001
0	14	24.072	24.073	0.001
0	15	24.017	24.018	0.001
3	20	24.044	24.043	-0.001
3	21	24.044	24.046	0.002
3	22	24.049	24.048	-0.001
3	23	24.066	24.063	-0.003
3	24	24.040	24.044	0.004
5	25	24.037	24.040	0.003
5	26	23.957	23.950	-0.007
5	27	23.946	23.954	0.008
5	28	23.968	23.967	-0.001
5	29	24.026	24.023	-0.003
10	30	23.991	24.005	0.014
10	31	23.992	23.998	0.006
10	32	24.081	24.071	-0.010
10	33	24.014	24.017	0.003
10	34	23.975	23.970	-0.005
15	35	24.026	24.031	0.005
15	36	24.080	24.084	0.004
15	37	23.966	23.964	-0.002
15	38	23.963	23.973	0.010
15	39	23.992	23.993	0.001
30	40	24.016	24.018	0.002
30	41	24.002	23.987	-0.015
30	42	24.025	24.043	0.018
30	43	24.041	24.050	0.009
30	44	24.146	24.136	-0.010
35	45	24.015	24.005	-0.010
35	46	23.966	23.971	0.005
35	47	23.982	23.980	-0.002
35	48	23.986	24.000	0.014
35	49	23.969	23.995	0.026
50	50	24.070	24.065	-0.005
50	51	23.954	23.953	-0.001
50	52	24.044	24.079	0.035
50	53	24.011	24.013	0.002
50	54	24.028	24.020	-0.008
55	55	24.045	24.035	-0.010
55	56	24.056	24.054	-0.002
55	57	24.004	24.000	-0.004
55	58	24.026	24.034	0.008
55	59	24.077	24.097	0.020
100	60	24.059	24.049	-0.010
100	61	24.137	24.115	-0.022
100	62	24.076	24.045	-0.031
100	63	24.061	24.050	-0.011
100	64	24.030	24.024	-0.006
105	65	23.993	24.022	0.029
105	66	24.022	24.040	0.018
105	67	23.991	23.986	-0.005
105	68	24.116	24.119	0.003
105	69	24.019	24.026	0.007
	Max	24.146	24.136	0.035
	Average	24.026	24.027	0.001
	Min	23.946	23.950	-0.031
	Std Dev	0.045	0.043	0.012



	6.20_IHYS_SENSE1/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.018	24.043	23.950	23.970	23.964	23.987	23.971	23.953	24.000	24.024	23.986
Average	24.046	24.049	23.987	24.012	24.009	24.047	23.990	24.026	24.044	24.057	24.039
Max	24.073	24.063	24.040	24.071	24.084	24.136	24.005	24.079	24.097	24.115	24.119
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

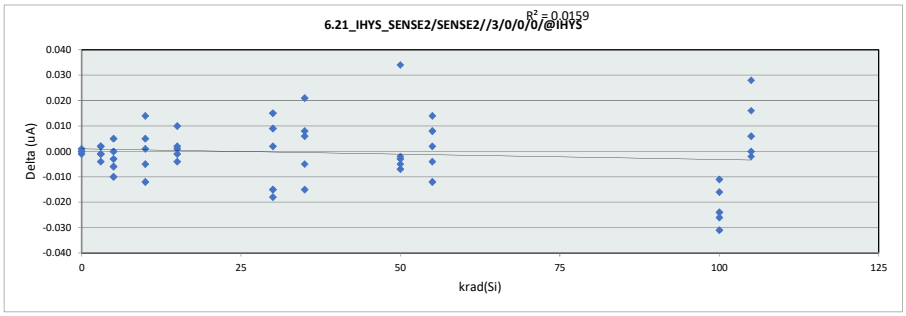


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

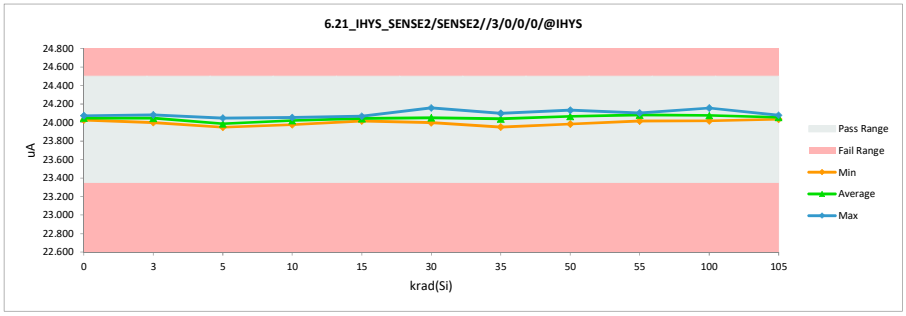
	6.21_IHYS_SENSE2/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.047	24.047	0.000
0	14	24.074	24.075	0.001
0	15	24.028	24.027	-0.001
3	20	24.085	24.084	-0.001
3	21	24.021	24.023	0.002
3	22	24.001	24.000	-0.001
3	23	24.057	24.053	-0.004
3	24	24.077	24.079	0.002
5	25	24.049	24.049	0.000
5	26	23.961	23.951	-0.010
5	27	23.945	23.950	0.005
5	28	24.014	24.011	-0.003
5	29	23.985	23.979	-0.006
10	30	23.963	23.977	0.014
10	31	24.024	24.029	0.005
10	32	24.067	24.055	-0.012
10	33	24.039	24.040	0.001
10	34	24.012	24.007	-0.005
15	35	24.068	24.069	0.001
15	36	24.058	24.060	0.002
15	37	24.050	24.046	-0.004
15	38	24.014	24.024	0.010
15	39	24.018	24.017	-0.001
30	40	24.054	24.056	0.002
30	41	24.024	24.006	-0.018
30	42	23.984	23.999	0.015
30	43	24.033	24.042	0.009
30	44	24.174	24.159	-0.015
35	45	24.026	24.011	-0.015
35	46	24.047	24.053	0.006
35	47	24.091	24.086	-0.005
35	48	24.091	24.099	0.008
35	49	23.931	23.952	0.021
50	50	24.086	24.081	-0.005
50	51	23.988	23.985	-0.003
50	52	24.074	24.108	0.034
50	53	24.136	24.134	-0.002
50	54	24.038	24.031	-0.007
55	55	24.029	24.017	-0.012
55	56	24.099	24.101	0.002
55	57	24.108	24.104	-0.004
55	58	24.083	24.091	0.008
55	59	24.083	24.097	0.014
100	60	24.061	24.037	-0.024
100	61	24.188	24.157	-0.031
100	62	24.151	24.125	-0.026
100	63	24.073	24.057	-0.016
100	64	24.029	24.018	-0.011
105	65	24.014	24.042	0.028
105	66	24.053	24.069	0.016
105	67	24.030	24.036	0.006
105	68	24.079	24.079	0.000
105	69	24.055	24.053	-0.002
	Max	24.188	24.159	0.034
	Average	24.048	24.048	-0.001
	Min	23.931	23.950	-0.031
	Std Dev	0.051	0.048	0.012



	6.21_IHYS_SENSE2/SEN	
Test Site		
Tester		
Test Number		
Max Limit	24.5	uA
Min Limit	23.35	uA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.027	24.000	23.950	23.977	24.017	23.999	23.952	23.985	24.017	24.018	24.036
Average	24.050	24.048	23.988	24.022	24.043	24.052	24.040	24.068	24.082	24.079	24.056
Max	24.075	24.084	24.049	24.055	24.069	24.159	24.099	24.134	24.104	24.157	24.079
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

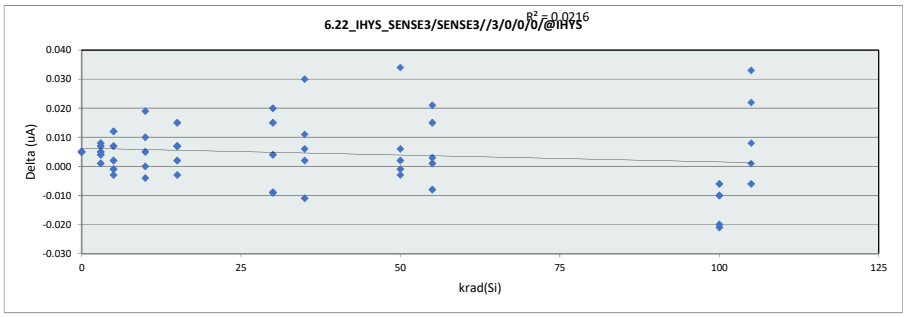


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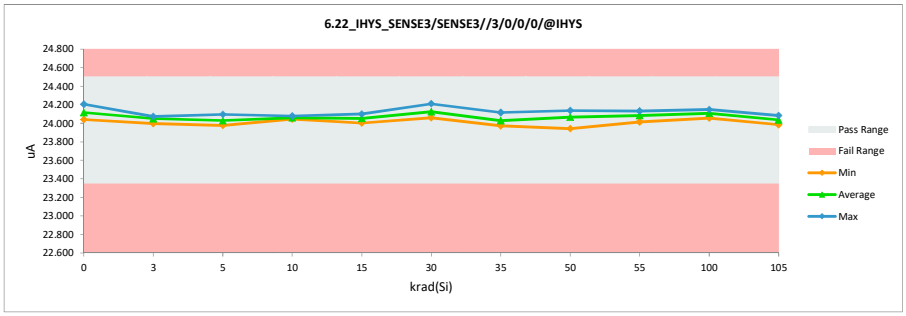
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.22_IHYS_SENSE3/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.095	24.100	0.005
0	14	24.200	24.205	0.005
0	15	24.036	24.041	0.005
3	20	24.060	24.064	0.004
3	21	24.061	24.069	0.008
3	22	23.992	23.997	0.005
3	23	24.053	24.054	0.001
3	24	24.065	24.072	0.007
5	25	24.067	24.074	0.007
5	26	24.098	24.095	-0.003
5	27	23.963	23.975	0.012
5	28	24.020	24.022	0.002
5	29	23.984	23.983	-0.001
10	30	24.039	24.058	0.019
10	31	24.067	24.077	0.010
10	32	24.078	24.074	-0.004
10	33	24.041	24.046	0.005
10	34	24.046	24.046	0.000
15	35	24.041	24.048	0.007
15	36	24.092	24.099	0.007
15	37	24.006	24.003	-0.003
15	38	24.033	24.048	0.015
15	39	24.065	24.067	0.002
30	40	24.055	24.059	0.004
30	41	24.120	24.111	-0.009
30	42	24.068	24.088	0.020
30	43	24.136	24.151	0.015
30	44	24.219	24.210	-0.009
35	45	24.041	24.030	-0.011
35	46	23.983	23.989	0.006
35	47	24.113	24.115	0.002
35	48	24.028	24.039	0.011
35	49	23.942	23.972	0.030
50	50	24.088	24.087	-0.001
50	51	23.939	23.941	0.002
50	52	24.038	24.072	0.034
50	53	24.080	24.086	0.006
50	54	24.140	24.137	-0.003
55	55	24.140	24.132	-0.008
55	56	24.043	24.044	0.001
55	57	24.012	24.015	0.003
55	58	24.103	24.118	0.015
55	59	24.089	24.110	0.021
100	60	24.120	24.110	-0.010
100	61	24.168	24.147	-0.021
100	62	24.144	24.124	-0.020
100	63	24.067	24.057	-0.010
100	64	24.110	24.104	-0.006
105	65	23.951	23.984	0.033
105	66	24.061	24.083	0.022
105	67	23.992	23.986	-0.006
105	68	24.047	24.048	0.001
105	69	24.073	24.081	0.008
	Max	24.219	24.210	0.034
	Average	24.062	24.067	0.004
	Min	23.939	23.941	-0.021
	Std Dev	0.060	0.056	0.012



	6.22_IHYS_SENSE3/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.041	23.997	23.975	24.046	24.003	24.059	23.972	23.941	24.015	24.057	23.984
Average	24.115	24.051	24.030	24.060	24.053	24.124	24.029	24.065	24.084	24.108	24.036
Max	24.205	24.072	24.095	24.077	24.099	24.210	24.115	24.137	24.132	24.147	24.083
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

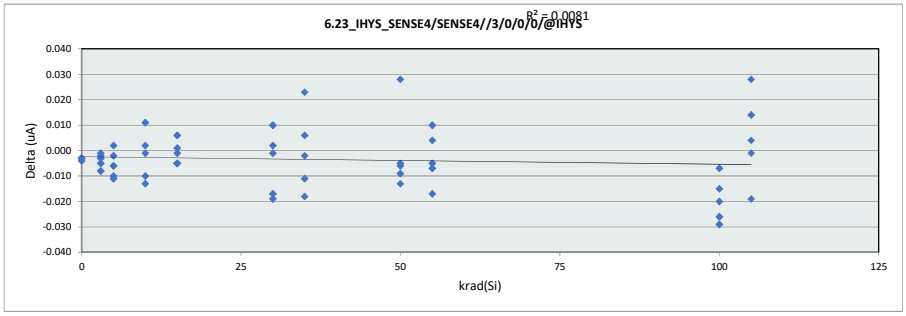


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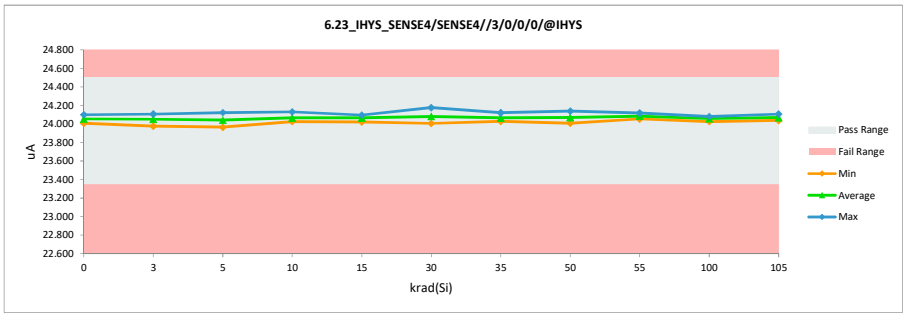
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.23_IHYS_SENSE4/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.057	24.054	-0.003
0	14	24.104	24.100	-0.004
0	15	24.010	24.007	-0.003
3	20	24.075	24.072	-0.003
3	21	24.066	24.064	-0.002
3	22	23.982	23.977	-0.005
3	23	24.045	24.037	-0.008
3	24	24.108	24.107	-0.001
5	25	24.033	24.031	-0.002
5	26	24.036	24.025	-0.011
5	27	23.963	23.965	0.002
5	28	24.074	24.068	-0.006
5	29	24.133	24.123	-0.010
10	30	24.021	24.032	0.011
10	31	24.024	24.026	0.002
10	32	24.142	24.129	-0.013
10	33	24.087	24.086	-0.001
10	34	24.073	24.063	-0.010
15	35	24.063	24.064	0.001
15	36	24.093	24.092	-0.001
15	37	24.067	24.062	-0.005
15	38	24.015	24.021	0.006
15	39	24.101	24.096	-0.005
30	40	24.086	24.085	-0.001
30	41	24.024	24.005	-0.019
30	42	24.018	24.028	0.010
30	43	24.111	24.113	0.002
30	44	24.194	24.177	-0.017
35	45	24.064	24.046	-0.018
35	46	24.031	24.029	-0.002
35	47	24.131	24.120	-0.011
35	48	24.065	24.071	0.006
35	49	24.046	24.069	0.023
50	50	24.144	24.138	-0.006
50	51	24.043	24.034	-0.009
50	52	23.980	24.008	0.028
50	53	24.056	24.051	-0.005
50	54	24.136	24.123	-0.013
55	55	24.086	24.069	-0.017
55	56	24.122	24.117	-0.005
55	57	24.061	24.054	-0.007
55	58	24.066	24.070	0.004
55	59	24.100	24.110	0.010
100	60	24.091	24.071	-0.020
100	61	24.073	24.047	-0.026
100	62	24.094	24.065	-0.029
100	63	24.041	24.026	-0.015
100	64	24.088	24.081	-0.007
105	65	24.010	24.038	0.028
105	66	24.093	24.107	0.014
105	67	24.080	24.061	-0.019
105	68	24.042	24.041	-0.001
105	69	24.094	24.098	0.004
	Max	24.194	24.177	0.028
	Average	24.069	24.065	-0.004
	Min	23.963	23.965	-0.029
	Std Dev	0.045	0.042	0.012



	6.23_IHYS_SENSE4/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.007	23.977	23.965	24.026	24.021	24.005	24.029	24.008	24.054	24.026	24.038
Average	24.054	24.051	24.042	24.067	24.067	24.082	24.067	24.071	24.084	24.058	24.069
Max	24.100	24.107	24.123	24.129	24.096	24.177	24.120	24.138	24.117	24.081	24.107
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

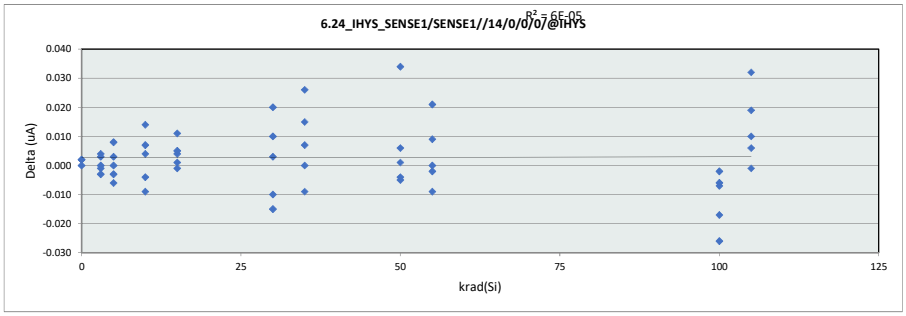


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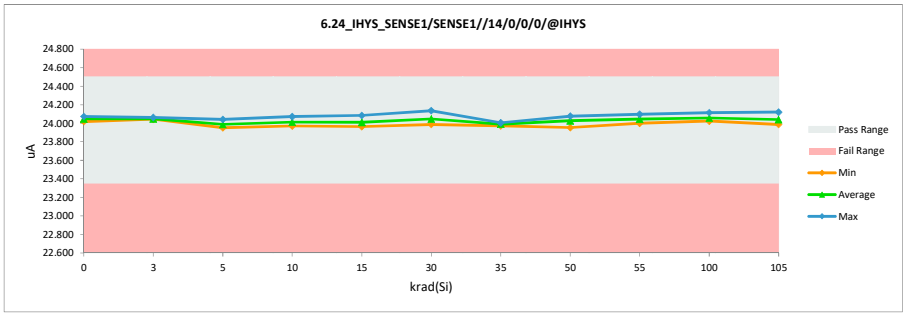
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.24_IHYS_SENSE1/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.047	24.049	0.002
0	14	24.072	24.074	0.002
0	15	24.018	24.018	0.000
3	20	24.044	24.044	0.000
3	21	24.044	24.047	0.003
3	22	24.049	24.048	-0.001
3	23	24.066	24.063	-0.003
3	24	24.041	24.045	0.004
5	25	24.038	24.041	0.003
5	26	23.957	23.951	-0.006
5	27	23.947	23.955	0.008
5	28	23.968	23.968	0.000
5	29	24.027	24.024	-0.003
10	30	23.991	24.005	0.014
10	31	23.992	23.999	0.007
10	32	24.081	24.072	-0.009
10	33	24.014	24.018	0.004
10	34	23.975	23.971	-0.004
15	35	24.026	24.031	0.005
15	36	24.081	24.085	0.004
15	37	23.966	23.965	-0.001
15	38	23.964	23.975	0.011
15	39	23.993	23.994	0.001
30	40	24.016	24.019	0.003
30	41	24.002	23.987	-0.015
30	42	24.024	24.044	0.020
30	43	24.040	24.050	0.010
30	44	24.146	24.136	-0.010
35	45	24.015	24.006	-0.009
35	46	23.966	23.973	0.007
35	47	23.981	23.981	0.000
35	48	23.985	24.000	0.015
35	49	23.969	23.995	0.026
50	50	24.069	24.065	-0.004
50	51	23.953	23.954	0.001
50	52	24.044	24.078	0.034
50	53	24.009	24.015	0.006
50	54	24.026	24.021	-0.005
55	55	24.044	24.035	-0.009
55	56	24.055	24.055	0.000
55	57	24.002	24.000	-0.002
55	58	24.025	24.034	0.009
55	59	24.076	24.097	0.021
100	60	24.057	24.050	-0.007
100	61	24.132	24.115	-0.017
100	62	24.071	24.045	-0.026
100	63	24.057	24.051	-0.006
100	64	24.026	24.024	-0.002
105	65	23.990	24.022	0.032
105	66	24.021	24.040	0.019
105	67	23.988	23.987	-0.001
105	68	24.114	24.120	0.006
105	69	24.016	24.026	0.010
	Max	24.146	24.136	0.034
	Average	24.025	24.028	0.003
	Min	23.947	23.951	-0.026
	Std Dev	0.045	0.043	0.011



	6.24_IHYS_SENSE1/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.018	24.044	23.951	23.971	23.965	23.987	23.973	23.954	24.000	24.024	23.987
Average	24.047	24.049	23.988	24.013	24.010	24.047	23.991	24.027	24.044	24.057	24.039
Max	24.074	24.063	24.041	24.072	24.085	24.136	24.006	24.078	24.097	24.115	24.120
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

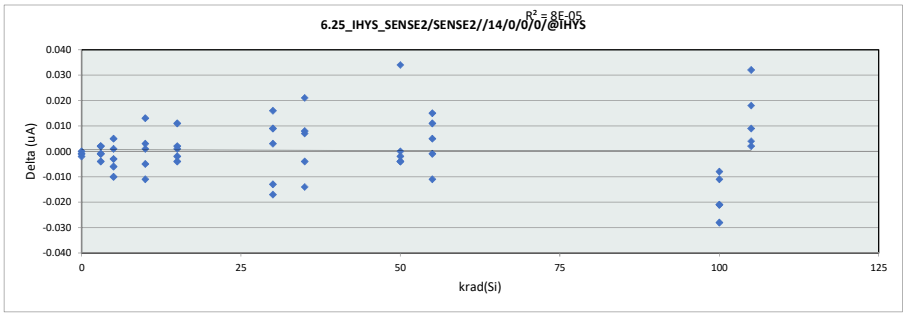


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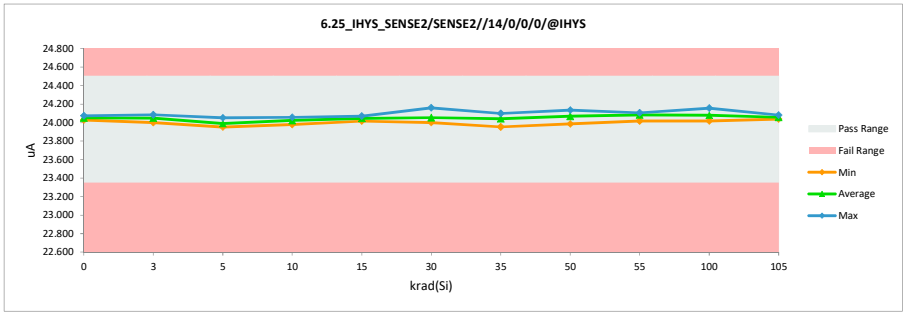
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.25_IHYS_SENSE2/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.047	24.047	0.000
0	14	24.075	24.074	-0.001
0	15	24.030	24.028	-0.002
3	20	24.085	24.084	-0.001
3	21	24.022	24.024	0.002
3	22	24.001	24.000	-0.001
3	23	24.056	24.052	-0.004
3	24	24.078	24.080	0.002
5	25	24.050	24.051	0.001
5	26	23.961	23.951	-0.010
5	27	23.946	23.951	0.005
5	28	24.014	24.011	-0.003
5	29	23.986	23.980	-0.006
10	30	23.965	23.978	0.013
10	31	24.025	24.028	0.003
10	32	24.068	24.057	-0.011
10	33	24.039	24.040	0.001
10	34	24.013	24.008	-0.005
15	35	24.068	24.069	0.001
15	36	24.059	24.061	0.002
15	37	24.051	24.047	-0.004
15	38	24.015	24.026	0.011
15	39	24.018	24.016	-0.002
30	40	24.054	24.057	0.003
30	41	24.024	24.007	-0.017
30	42	23.983	23.999	0.016
30	43	24.033	24.042	0.009
30	44	24.173	24.160	-0.013
35	45	24.025	24.011	-0.014
35	46	24.047	24.055	0.008
35	47	24.091	24.087	-0.004
35	48	24.091	24.098	0.007
35	49	23.931	23.952	0.021
50	50	24.085	24.081	-0.004
50	51	23.987	23.985	-0.002
50	52	24.074	24.108	0.034
50	53	24.135	24.135	0.000
50	54	24.036	24.032	-0.004
55	55	24.028	24.017	-0.011
55	56	24.098	24.103	0.005
55	57	24.106	24.105	-0.001
55	58	24.081	24.092	0.011
55	59	24.082	24.097	0.015
100	60	24.059	24.038	-0.021
100	61	24.184	24.156	-0.028
100	62	24.146	24.125	-0.021
100	63	24.069	24.058	-0.011
100	64	24.026	24.018	-0.008
105	65	24.011	24.043	0.032
105	66	24.052	24.070	0.018
105	67	24.028	24.037	0.009
105	68	24.076	24.080	0.004
105	69	24.052	24.054	0.002
	Max	24.184	24.160	0.034
	Average	24.048	24.048	0.000
	Min	23.931	23.951	-0.028
	Std Dev	0.051	0.048	0.012



	6.25_IHYS_SENSE2/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.028	24.000	23.951	23.978	24.016	23.999	23.952	23.985	24.017	24.018	24.037
Average	24.050	24.048	23.989	24.022	24.044	24.053	24.041	24.068	24.083	24.079	24.057
Max	24.074	24.084	24.051	24.057	24.069	24.160	24.098	24.135	24.105	24.156	24.080
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

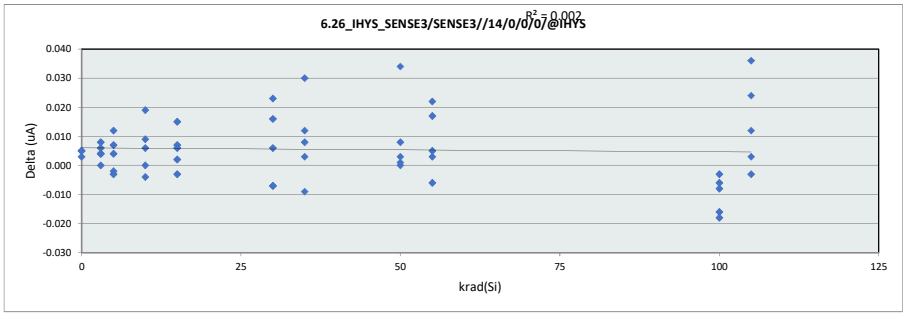


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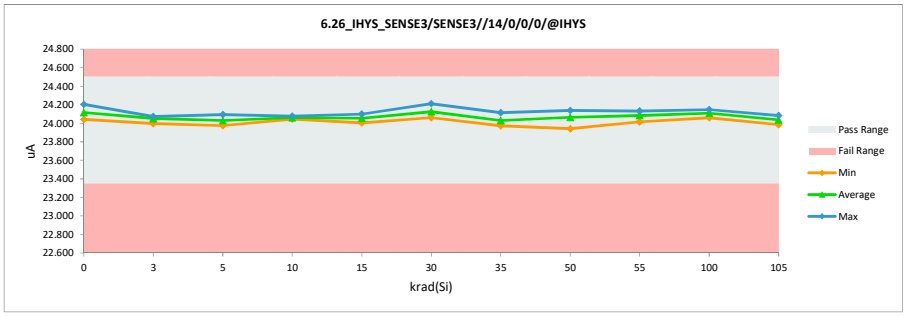
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.26_IHYS_SENSE3/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.096	24.101	0.005
0	14	24.200	24.205	0.005
0	15	24.038	24.041	0.003
3	20	24.061	24.065	0.004
3	21	24.062	24.070	0.008
3	22	23.992	23.996	0.004
3	23	24.053	24.053	0.000
3	24	24.067	24.073	0.006
5	25	24.068	24.075	0.007
5	26	24.098	24.095	-0.003
5	27	23.963	23.975	0.012
5	28	24.019	24.023	0.004
5	29	23.986	23.984	-0.002
10	30	24.040	24.059	0.019
10	31	24.068	24.077	0.009
10	32	24.078	24.074	-0.004
10	33	24.041	24.047	0.006
10	34	24.047	24.047	0.000
15	35	24.041	24.048	0.007
15	36	24.093	24.099	0.006
15	37	24.007	24.004	-0.003
15	38	24.034	24.049	0.015
15	39	24.065	24.067	0.002
30	40	24.055	24.061	0.006
30	41	24.120	24.113	-0.007
30	42	24.066	24.089	0.023
30	43	24.135	24.151	0.016
30	44	24.219	24.212	-0.007
35	45	24.040	24.031	-0.009
35	46	23.983	23.991	0.008
35	47	24.112	24.115	0.003
35	48	24.028	24.040	0.012
35	49	23.942	23.972	0.030
50	50	24.086	24.087	0.001
50	51	23.938	23.941	0.003
50	52	24.037	24.071	0.034
50	53	24.079	24.087	0.008
50	54	24.138	24.138	0.000
55	55	24.138	24.132	-0.006
55	56	24.043	24.046	0.003
55	57	24.011	24.016	0.005
55	58	24.102	24.119	0.017
55	59	24.088	24.110	0.022
100	60	24.118	24.110	-0.008
100	61	24.164	24.146	-0.018
100	62	24.140	24.124	-0.016
100	63	24.064	24.058	-0.006
100	64	24.107	24.104	-0.003
105	65	23.949	23.985	0.036
105	66	24.060	24.084	0.024
105	67	23.990	23.987	-0.003
105	68	24.045	24.048	0.003
105	69	24.070	24.082	0.012
	Max	24.219	24.212	0.036
	Average	24.062	24.067	0.006
	Min	23.938	23.941	-0.018
	Std Dev	0.059	0.056	0.011



	6.26_IHYS_SENSE3/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.041	23.996	23.975	24.047	24.004	24.061	23.972	23.941	24.016	24.058	23.985
Average	24.116	24.051	24.030	24.061	24.053	24.125	24.030	24.065	24.085	24.108	24.037
Max	24.205	24.073	24.095	24.077	24.099	24.212	24.115	24.138	24.132	24.146	24.084
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

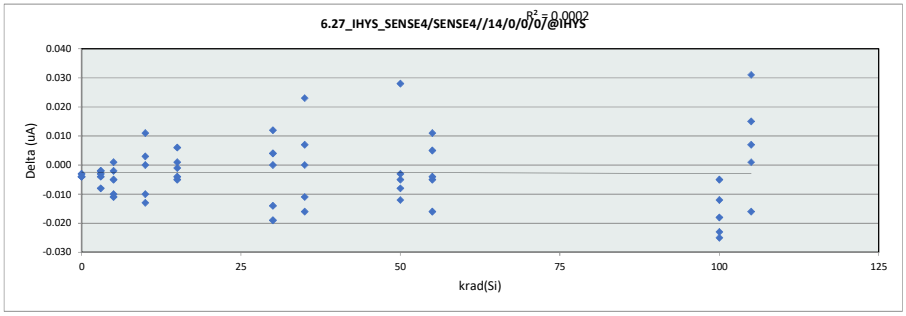


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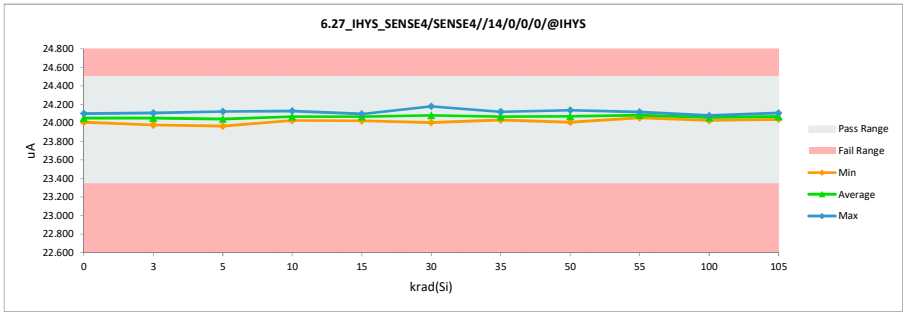
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.27_IHYS_SENSE4/SENSI	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	24.72	24.5
Min Limit	23.28	23.35

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.057	24.054	-0.003
0	14	24.105	24.101	-0.004
0	15	24.011	24.007	-0.004
3	20	24.075	24.072	-0.003
3	21	24.067	24.065	-0.002
3	22	23.982	23.978	-0.004
3	23	24.044	24.036	-0.008
3	24	24.109	24.107	-0.002
5	25	24.034	24.032	-0.002
5	26	24.036	24.025	-0.011
5	27	23.964	23.965	0.001
5	28	24.073	24.068	-0.005
5	29	24.133	24.123	-0.010
10	30	24.021	24.032	0.011
10	31	24.024	24.027	0.003
10	32	24.142	24.129	-0.013
10	33	24.086	24.086	0.000
10	34	24.074	24.064	-0.010
15	35	24.063	24.064	0.001
15	36	24.093	24.092	-0.001
15	37	24.067	24.063	-0.004
15	38	24.016	24.022	0.006
15	39	24.101	24.096	-0.005
30	40	24.086	24.086	0.000
30	41	24.024	24.005	-0.019
30	42	24.016	24.028	0.012
30	43	24.109	24.113	0.004
30	44	24.193	24.179	-0.014
35	45	24.063	24.047	-0.016
35	46	24.031	24.031	0.000
35	47	24.130	24.119	-0.011
35	48	24.064	24.071	0.007
35	49	24.046	24.069	0.023
50	50	24.143	24.138	-0.005
50	51	24.042	24.034	-0.008
50	52	23.980	24.008	0.028
50	53	24.055	24.052	-0.003
50	54	24.135	24.123	-0.012
55	55	24.085	24.069	-0.016
55	56	24.121	24.117	-0.004
55	57	24.060	24.055	-0.005
55	58	24.065	24.070	0.005
55	59	24.099	24.110	0.011
100	60	24.089	24.071	-0.018
100	61	24.069	24.046	-0.023
100	62	24.090	24.065	-0.025
100	63	24.038	24.026	-0.012
100	64	24.085	24.080	-0.005
105	65	24.008	24.039	0.031
105	66	24.092	24.107	0.015
105	67	24.078	24.062	-0.016
105	68	24.040	24.041	0.001
105	69	24.092	24.099	0.007
	Max	24.193	24.179	0.031
	Average	24.068	24.065	-0.003
	Min	23.964	23.965	-0.025
	Std Dev	0.045	0.042	0.011



	6.27_IHYS_SENSE4/SEN										
Test Site											
Tester											
Test Number											
Max Limit	24.5	uA									
Min Limit	23.35	uA									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350	23.350
Min	24.007	23.978	23.965	24.027	24.022	24.005	24.031	24.008	24.055	24.026	24.039
Average	24.054	24.052	24.043	24.068	24.067	24.082	24.067	24.071	24.084	24.058	24.070
Max	24.101	24.107	24.123	24.129	24.096	24.179	24.119	24.138	24.117	24.080	24.107
UL	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500	24.500

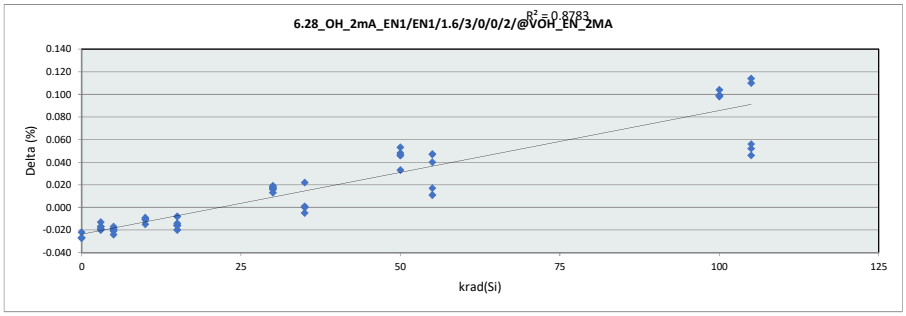


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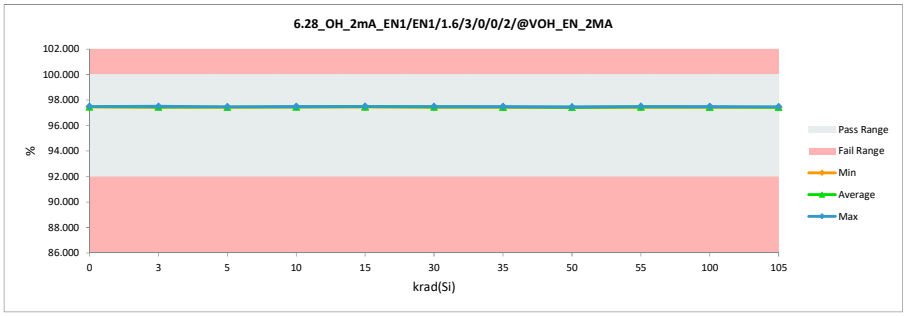
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.28_OH_2mA_EN1/EN1/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.530	97.508	-0.022
0	14	97.486	97.459	-0.027
0	15	97.489	97.462	-0.027
3	20	97.489	97.476	-0.013
3	21	97.530	97.513	-0.017
3	22	97.463	97.444	-0.019
3	23	97.443	97.426	-0.017
3	24	97.491	97.471	-0.020
5	25	97.463	97.444	-0.019
5	26	97.454	97.437	-0.017
5	27	97.503	97.483	-0.020
5	28	97.489	97.468	-0.021
5	29	97.468	97.444	-0.024
10	30	97.460	97.450	-0.010
10	31	97.494	97.483	-0.011
10	32	97.504	97.495	-0.009
10	33	97.462	97.451	-0.011
10	34	97.500	97.485	-0.015
15	35	97.482	97.468	-0.014
15	36	97.510	97.502	-0.008
15	37	97.486	97.466	-0.020
15	38	97.515	97.499	-0.016
15	39	97.497	97.481	-0.016
30	40	97.491	97.504	0.013
30	41	97.414	97.433	0.019
30	42	97.451	97.468	0.017
30	43	97.482	97.498	0.016
30	44	97.414	97.432	0.018
35	45	97.455	97.450	-0.005
35	46	97.416	97.438	0.022
35	47	97.497	97.498	0.001
35	48	97.426	97.426	0.000
35	49	97.459	97.459	0.000
50	50	97.387	97.440	0.053
50	51	97.394	97.442	0.048
50	52	97.420	97.466	0.046
50	53	97.372	97.418	0.046
50	54	97.440	97.473	0.033
55	55	97.381	97.428	0.047
55	56	97.450	97.497	0.047
55	57	97.416	97.456	0.040
55	58	97.412	97.429	0.017
55	59	97.490	97.501	0.011
100	60	97.360	97.459	0.099
100	61	97.328	97.427	0.099
100	62	97.349	97.453	0.104
100	63	97.400	97.498	0.098
100	64	97.367	97.466	0.099
105	65	97.428	97.480	0.052
105	66	97.419	97.465	0.046
105	67	97.314	97.428	0.114
105	68	97.314	97.424	0.110
105	69	97.376	97.432	0.056
	Max	97.530	97.513	0.114
	Average	97.444	97.462	0.018
	Min	97.314	97.418	-0.027
	Std Dev	0.056	0.027	0.042



	6.28_OH_2mA_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.459	97.426	97.437	97.450	97.466	97.432	97.426	97.418	97.428	97.427	97.424
Average	97.476	97.466	97.455	97.473	97.483	97.467	97.454	97.448	97.462	97.461	97.446
Max	97.508	97.513	97.483	97.495	97.502	97.504	97.498	97.473	97.501	97.498	97.480
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

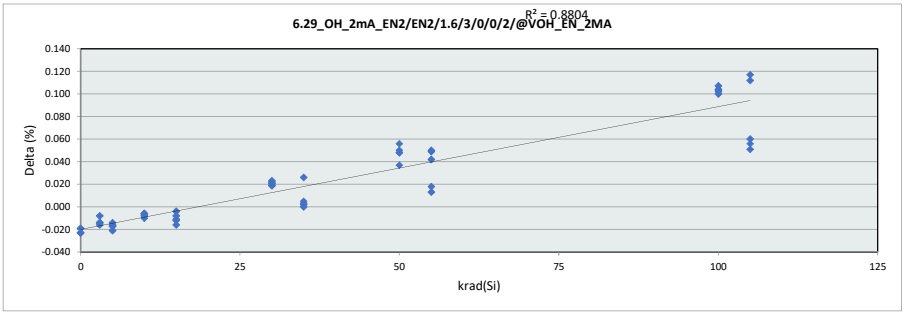


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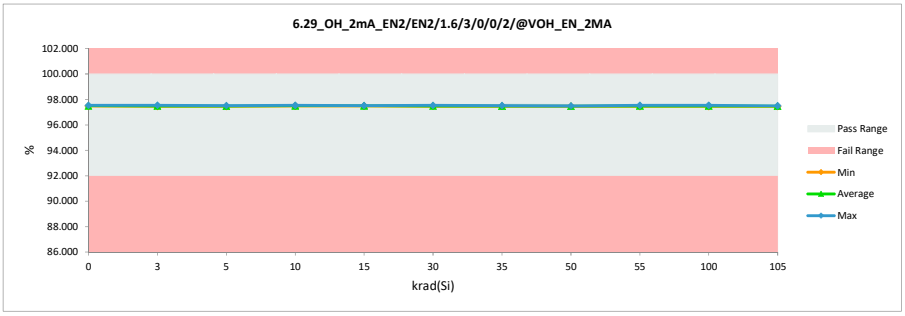
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.29_OH_2mA_EN2/EN2/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.549	97.530	-0.019
0	14	97.504	97.481	-0.023
0	15	97.518	97.495	-0.023
3	20	97.492	97.484	-0.008
3	21	97.554	97.540	-0.014
3	22	97.490	97.476	-0.014
3	23	97.470	97.456	-0.014
3	24	97.503	97.487	-0.016
5	25	97.478	97.462	-0.016
5	26	97.472	97.458	-0.014
5	27	97.530	97.513	-0.017
5	28	97.523	97.506	-0.017
5	29	97.481	97.460	-0.021
10	30	97.480	97.474	-0.006
10	31	97.516	97.508	-0.008
10	32	97.534	97.528	-0.006
10	33	97.504	97.497	-0.007
10	34	97.521	97.511	-0.010
15	35	97.502	97.494	-0.008
15	36	97.519	97.515	-0.004
15	37	97.493	97.477	-0.016
15	38	97.531	97.520	-0.011
15	39	97.528	97.516	-0.012
30	40	97.512	97.531	0.019
30	41	97.445	97.468	0.023
30	42	97.477	97.498	0.021
30	43	97.498	97.517	0.019
30	44	97.443	97.464	0.021
35	45	97.473	97.473	0.000
35	46	97.440	97.466	0.026
35	47	97.517	97.522	0.005
35	48	97.467	97.470	0.003
35	49	97.472	97.474	0.002
50	50	97.407	97.463	0.056
50	51	97.414	97.464	0.050
50	52	97.436	97.484	0.048
50	53	97.420	97.468	0.048
50	54	97.459	97.496	0.037
55	55	97.414	97.463	0.049
55	56	97.468	97.518	0.050
55	57	97.444	97.486	0.042
55	58	97.438	97.456	0.018
55	59	97.512	97.525	0.013
100	60	97.391	97.493	0.102
100	61	97.344	97.448	0.104
100	62	97.364	97.471	0.107
100	63	97.422	97.525	0.103
100	64	97.393	97.493	0.100
105	65	97.448	97.504	0.056
105	66	97.451	97.502	0.051
105	67	97.340	97.457	0.117
105	68	97.349	97.461	0.112
105	69	97.388	97.448	0.060
	Max	97.554	97.540	0.117
	Average	97.467	97.489	0.022
	Min	97.340	97.448	-0.023
	Std Dev	0.054	0.025	0.042



	6.29_OH_2mA_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.481	97.456	97.458	97.474	97.477	97.464	97.466	97.463	97.456	97.448	97.448
Average	97.502	97.489	97.480	97.504	97.504	97.496	97.481	97.475	97.490	97.486	97.474
Max	97.530	97.540	97.513	97.528	97.520	97.531	97.522	97.496	97.525	97.525	97.504
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

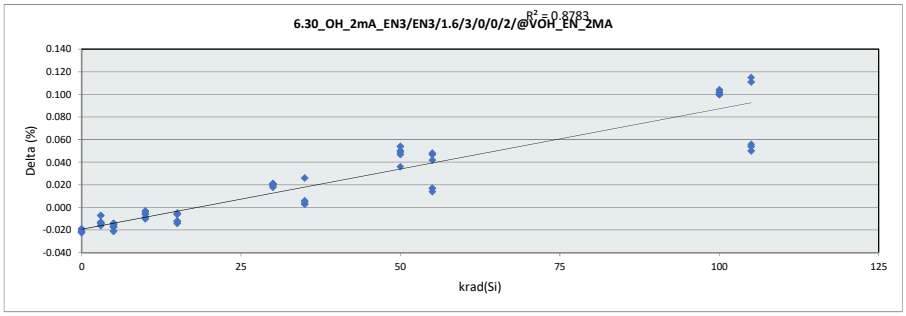


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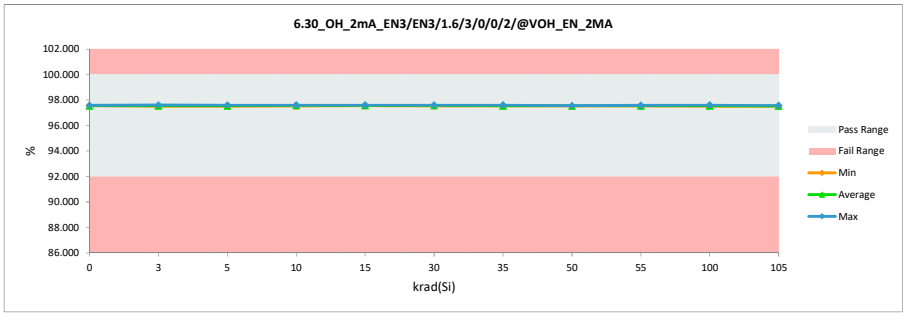
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.30_OH_2mA_EN3/EN3/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.608	97.589	-0.019
0	14	97.573	97.551	-0.022
0	15	97.587	97.566	-0.021
3	20	97.576	97.569	-0.007
3	21	97.629	97.616	-0.013
3	22	97.571	97.557	-0.014
3	23	97.538	97.522	-0.016
3	24	97.580	97.566	-0.014
5	25	97.545	97.528	-0.017
5	26	97.536	97.522	-0.014
5	27	97.600	97.583	-0.017
5	28	97.616	97.601	-0.015
5	29	97.558	97.537	-0.021
10	30	97.540	97.534	-0.006
10	31	97.603	97.594	-0.009
10	32	97.612	97.609	-0.003
10	33	97.582	97.577	-0.005
10	34	97.600	97.590	-0.010
15	35	97.569	97.563	-0.006
15	36	97.580	97.575	-0.005
15	37	97.563	97.549	-0.014
15	38	97.615	97.603	-0.012
15	39	97.612	97.600	-0.012
30	40	97.595	97.613	0.018
30	41	97.535	97.555	0.020
30	42	97.568	97.589	0.021
30	43	97.586	97.606	0.020
30	44	97.507	97.528	0.021
35	45	97.552	97.555	0.003
35	46	97.513	97.539	0.026
35	47	97.595	97.601	0.006
35	48	97.550	97.555	0.005
35	49	97.538	97.541	0.003
50	50	97.470	97.524	0.054
50	51	97.492	97.542	0.050
50	52	97.508	97.557	0.049
50	53	97.509	97.556	0.047
50	54	97.532	97.568	0.036
55	55	97.492	97.540	0.048
55	56	97.539	97.586	0.047
55	57	97.525	97.567	0.042
55	58	97.509	97.526	0.017
55	59	97.584	97.598	0.014
100	60	97.463	97.565	0.102
100	61	97.413	97.515	0.102
100	62	97.444	97.548	0.104
100	63	97.502	97.602	0.100
100	64	97.466	97.566	0.100
105	65	97.524	97.578	0.054
105	66	97.524	97.574	0.050
105	67	97.407	97.522	0.115
105	68	97.416	97.527	0.111
105	69	97.463	97.519	0.056
	Max	97.629	97.616	0.115
	Average	97.542	97.563	0.022
	Min	97.407	97.515	-0.022
	Std Dev	0.056	0.029	0.041



	6.30_OH_2mA_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.551	97.522	97.522	97.534	97.549	97.528	97.539	97.524	97.526	97.515	97.519
Average	97.569	97.566	97.554	97.581	97.578	97.578	97.558	97.549	97.563	97.559	97.544
Max	97.589	97.616	97.601	97.609	97.603	97.613	97.601	97.568	97.598	97.602	97.578
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

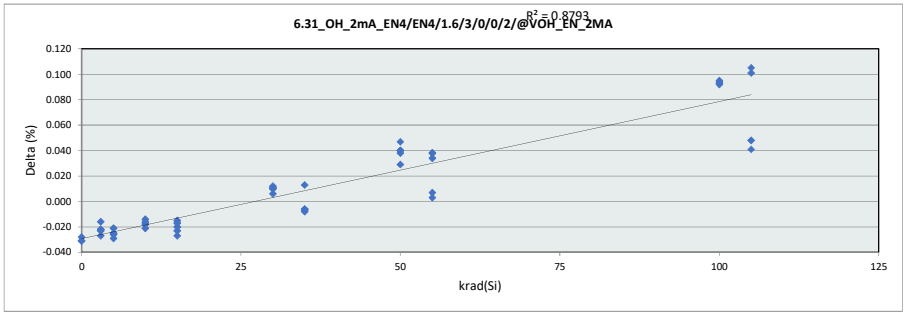


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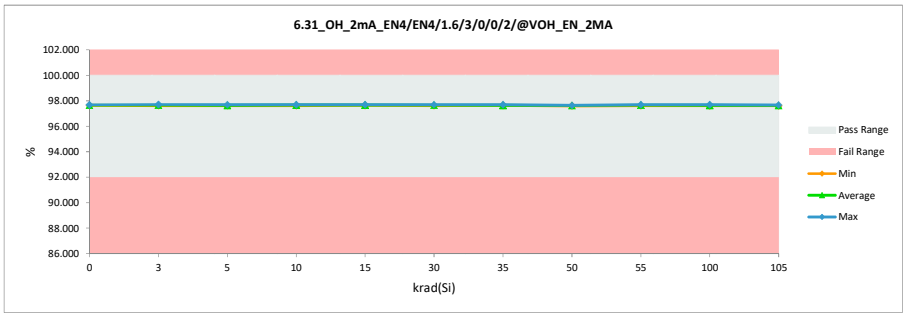
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.31_OH_2mA_EN4/EN4/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.706	97.678	-0.028
0	14	97.677	97.646	-0.031
0	15	97.681	97.650	-0.031
3	20	97.678	97.662	-0.016
3	21	97.731	97.704	-0.027
3	22	97.675	97.653	-0.022
3	23	97.635	97.613	-0.022
3	24	97.687	97.664	-0.023
5	25	97.638	97.613	-0.025
5	26	97.634	97.613	-0.021
5	27	97.702	97.677	-0.025
5	28	97.717	97.691	-0.026
5	29	97.647	97.618	-0.029
10	30	97.635	97.621	-0.014
10	31	97.705	97.687	-0.018
10	32	97.716	97.699	-0.017
10	33	97.679	97.663	-0.016
10	34	97.707	97.686	-0.021
15	35	97.669	97.652	-0.017
15	36	97.675	97.660	-0.015
15	37	97.657	97.630	-0.027
15	38	97.714	97.694	-0.020
15	39	97.712	97.689	-0.023
30	40	97.691	97.697	0.006
30	41	97.628	97.638	0.010
30	42	97.663	97.674	0.011
30	43	97.682	97.694	0.012
30	44	97.606	97.616	0.010
35	45	97.653	97.646	-0.007
35	46	97.616	97.629	0.013
35	47	97.697	97.691	-0.006
35	48	97.652	97.646	-0.006
35	49	97.639	97.631	-0.008
50	50	97.554	97.601	0.047
50	51	97.591	97.631	0.040
50	52	97.608	97.648	0.040
50	53	97.603	97.641	0.038
50	54	97.619	97.648	0.029
55	55	97.587	97.625	0.038
55	56	97.639	97.677	0.038
55	57	97.623	97.657	0.034
55	58	97.606	97.613	0.007
55	59	97.690	97.693	0.003
100	60	97.560	97.653	0.093
100	61	97.507	97.602	0.095
100	62	97.546	97.640	0.094
100	63	97.600	97.692	0.092
100	64	97.564	97.657	0.093
105	65	97.617	97.665	0.048
105	66	97.625	97.666	0.041
105	67	97.507	97.612	0.105
105	68	97.524	97.625	0.101
105	69	97.557	97.605	0.048
	Max	97.731	97.704	0.105
	Average	97.640	97.652	0.012
	Min	97.507	97.601	-0.031
	Std Dev	0.057	0.030	0.041



	6.31_OH_2mA_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.646	97.613	97.613	97.621	97.630	97.616	97.629	97.601	97.613	97.602	97.605
Average	97.658	97.659	97.642	97.671	97.665	97.664	97.649	97.634	97.653	97.649	97.635
Max	97.678	97.704	97.691	97.699	97.694	97.697	97.691	97.648	97.693	97.692	97.666
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

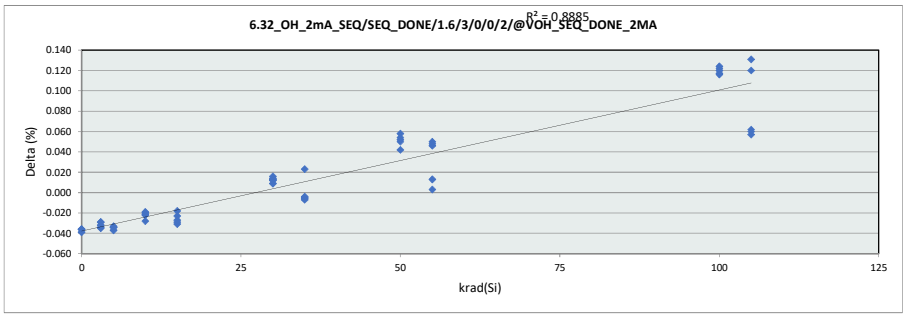


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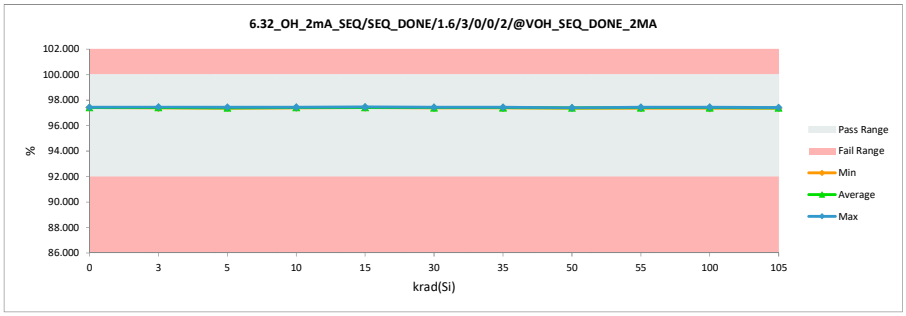
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.32_OH_2mA_SEQ/SEQ_	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.472	97.436	-0.036
0	14	97.442	97.406	-0.036
0	15	97.447	97.408	-0.039
3	20	97.451	97.422	-0.029
3	21	97.486	97.457	-0.029
3	22	97.435	97.403	-0.032
3	23	97.418	97.383	-0.035
3	24	97.442	97.408	-0.034
5	25	97.398	97.364	-0.034
5	26	97.397	97.364	-0.033
5	27	97.453	97.419	-0.034
5	28	97.476	97.442	-0.034
5	29	97.422	97.385	-0.037
10	30	97.412	97.390	-0.022
10	31	97.448	97.429	-0.019
10	32	97.465	97.445	-0.020
10	33	97.431	97.409	-0.022
10	34	97.458	97.430	-0.028
15	35	97.432	97.409	-0.023
15	36	97.440	97.422	-0.018
15	37	97.432	97.401	-0.031
15	38	97.482	97.453	-0.029
15	39	97.460	97.433	-0.027
30	40	97.435	97.444	0.009
30	41	97.361	97.375	0.014
30	42	97.408	97.420	0.012
30	43	97.416	97.429	0.013
30	44	97.377	97.393	0.016
35	45	97.394	97.390	-0.004
35	46	97.360	97.383	0.023
35	47	97.443	97.436	-0.007
35	48	97.423	97.417	-0.006
35	49	97.387	97.382	-0.005
50	50	97.313	97.371	0.058
50	51	97.339	97.393	0.054
50	52	97.352	97.404	0.052
50	53	97.333	97.383	0.050
50	54	97.362	97.404	0.042
55	55	97.327	97.377	0.050
55	56	97.374	97.422	0.048
55	57	97.354	97.400	0.046
55	58	97.360	97.373	0.013
55	59	97.436	97.439	0.003
100	60	97.284	97.408	0.124
100	61	97.236	97.358	0.122
100	62	97.304	97.420	0.116
100	63	97.321	97.441	0.120
100	64	97.286	97.403	0.117
105	65	97.362	97.422	0.060
105	66	97.369	97.426	0.057
105	67	97.237	97.368	0.131
105	68	97.264	97.384	0.120
105	69	97.300	97.362	0.062
	Max	97.486	97.457	0.131
	Average	97.391	97.407	0.016
	Min	97.236	97.358	-0.039
	Std Dev	0.065	0.026	0.053



	6.32_OH_2mA_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.406	97.383	97.364	97.390	97.401	97.375	97.382	97.371	97.373	97.358	97.362
Average	97.417	97.415	97.395	97.421	97.424	97.412	97.402	97.391	97.402	97.406	97.392
Max	97.436	97.457	97.442	97.445	97.453	97.444	97.436	97.404	97.439	97.441	97.426
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

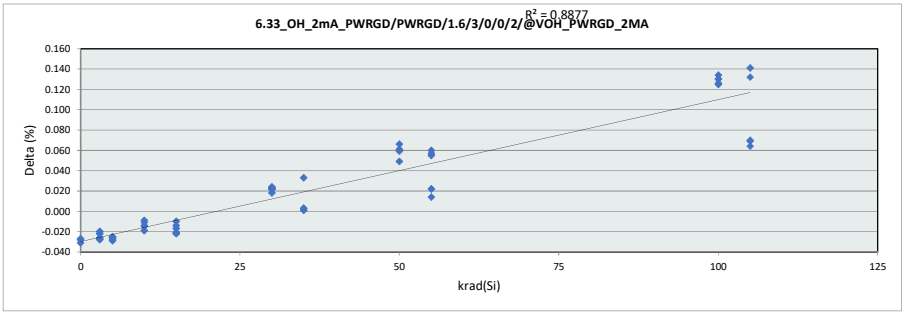


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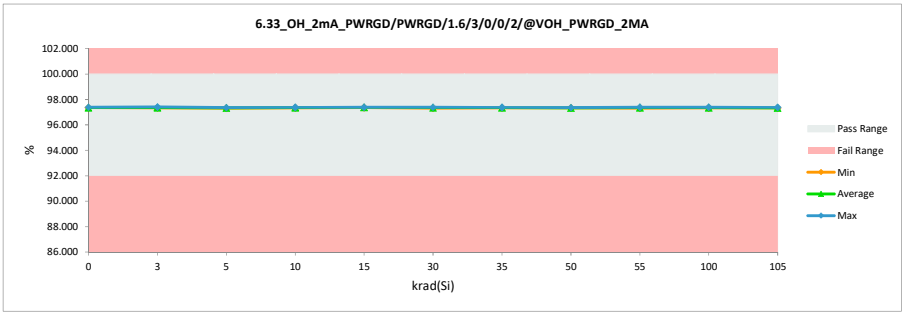
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.33_OH_2mA_PWRGD/PV	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.423	97.395	-0.028
0	14	97.380	97.353	-0.027
0	15	97.385	97.354	-0.031
3	20	97.402	97.382	-0.020
3	21	97.432	97.410	-0.022
3	22	97.379	97.353	-0.026
3	23	97.366	97.339	-0.027
3	24	97.373	97.345	-0.028
5	25	97.346	97.321	-0.025
5	26	97.343	97.315	-0.028
5	27	97.395	97.369	-0.026
5	28	97.396	97.370	-0.026
5	29	97.354	97.325	-0.029
10	30	97.354	97.340	-0.014
10	31	97.385	97.376	-0.009
10	32	97.397	97.386	-0.011
10	33	97.374	97.359	-0.015
10	34	97.399	97.380	-0.019
15	35	97.383	97.369	-0.014
15	36	97.380	97.370	-0.010
15	37	97.373	97.351	-0.022
15	38	97.418	97.397	-0.021
15	39	97.402	97.385	-0.017
30	40	97.376	97.394	0.018
30	41	97.296	97.320	0.024
30	42	97.344	97.366	0.022
30	43	97.349	97.371	0.022
30	44	97.313	97.336	0.023
35	45	97.339	97.342	0.003
35	46	97.302	97.335	0.033
35	47	97.380	97.381	0.001
35	48	97.344	97.345	0.001
35	49	97.333	97.336	0.003
50	50	97.258	97.324	0.066
50	51	97.283	97.344	0.061
50	52	97.301	97.361	0.060
50	53	97.267	97.326	0.059
50	54	97.307	97.356	0.049
55	55	97.267	97.327	0.060
55	56	97.326	97.383	0.057
55	57	97.288	97.343	0.055
55	58	97.298	97.320	0.022
55	59	97.384	97.398	0.014
100	60	97.221	97.355	0.134
100	61	97.192	97.322	0.130
100	62	97.246	97.371	0.125
100	63	97.260	97.390	0.130
100	64	97.228	97.354	0.126
105	65	97.300	97.369	0.069
105	66	97.315	97.379	0.064
105	67	97.186	97.327	0.141
105	68	97.192	97.324	0.132
105	69	97.251	97.321	0.070
	Max	97.432	97.410	0.141
	Average	97.332	97.356	0.024
	Min	97.186	97.315	-0.031
	Std Dev	0.064	0.025	0.053



	6.33_OH_2mA_PWRGD/I										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.353	97.339	97.315	97.340	97.351	97.320	97.335	97.324	97.320	97.322	97.321
Average	97.367	97.366	97.340	97.368	97.374	97.357	97.348	97.342	97.354	97.358	97.344
Max	97.395	97.410	97.370	97.386	97.397	97.394	97.381	97.361	97.398	97.390	97.379
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

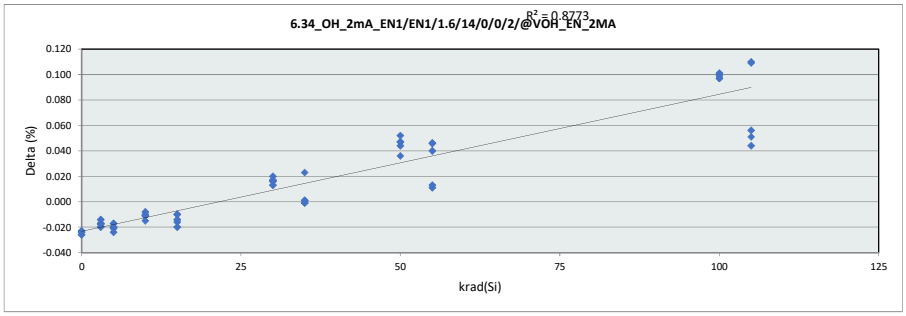


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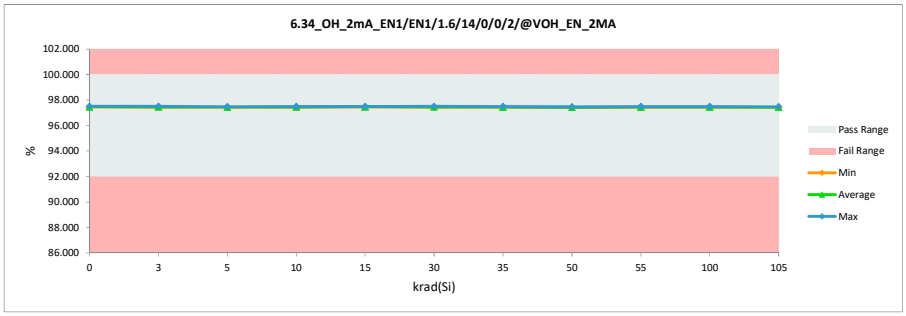
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.34_OH_2mA_EN1/EN1/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.530	97.507	-0.023
0	14	97.482	97.458	-0.024
0	15	97.487	97.461	-0.026
3	20	97.489	97.475	-0.014
3	21	97.529	97.512	-0.017
3	22	97.461	97.444	-0.017
3	23	97.442	97.424	-0.018
3	24	97.490	97.470	-0.020
5	25	97.463	97.443	-0.020
5	26	97.454	97.437	-0.017
5	27	97.503	97.483	-0.020
5	28	97.488	97.467	-0.021
5	29	97.467	97.443	-0.024
10	30	97.458	97.448	-0.010
10	31	97.492	97.481	-0.011
10	32	97.502	97.494	-0.008
10	33	97.462	97.451	-0.011
10	34	97.500	97.485	-0.015
15	35	97.478	97.468	-0.010
15	36	97.511	97.501	-0.010
15	37	97.485	97.465	-0.020
15	38	97.514	97.500	-0.014
15	39	97.496	97.480	-0.016
30	40	97.491	97.504	0.013
30	41	97.412	97.432	0.020
30	42	97.451	97.468	0.017
30	43	97.481	97.497	0.016
30	44	97.414	97.431	0.017
35	45	97.451	97.450	-0.001
35	46	97.414	97.437	0.023
35	47	97.496	97.497	0.001
35	48	97.426	97.425	-0.001
35	49	97.457	97.458	0.001
50	50	97.387	97.439	0.052
50	51	97.396	97.443	0.047
50	52	97.419	97.466	0.047
50	53	97.373	97.417	0.044
50	54	97.436	97.472	0.036
55	55	97.381	97.427	0.046
55	56	97.449	97.495	0.046
55	57	97.416	97.456	0.040
55	58	97.414	97.427	0.013
55	59	97.487	97.498	0.011
100	60	97.359	97.459	0.100
100	61	97.328	97.427	0.099
100	62	97.350	97.451	0.101
100	63	97.400	97.497	0.097
100	64	97.367	97.464	0.097
105	65	97.428	97.479	0.051
105	66	97.420	97.464	0.044
105	67	97.316	97.426	0.110
105	68	97.314	97.423	0.109
105	69	97.377	97.433	0.056
	Max	97.530	97.512	0.110
	Average	97.443	97.461	0.018
	Min	97.314	97.417	-0.026
	Std Dev	0.055	0.027	0.041



	6.34_OH_2mA_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.458	97.424	97.437	97.448	97.465	97.431	97.425	97.417	97.427	97.427	97.423
Average	97.475	97.465	97.455	97.472	97.483	97.466	97.453	97.447	97.461	97.460	97.445
Max	97.507	97.512	97.483	97.494	97.501	97.504	97.497	97.472	97.498	97.497	97.479
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

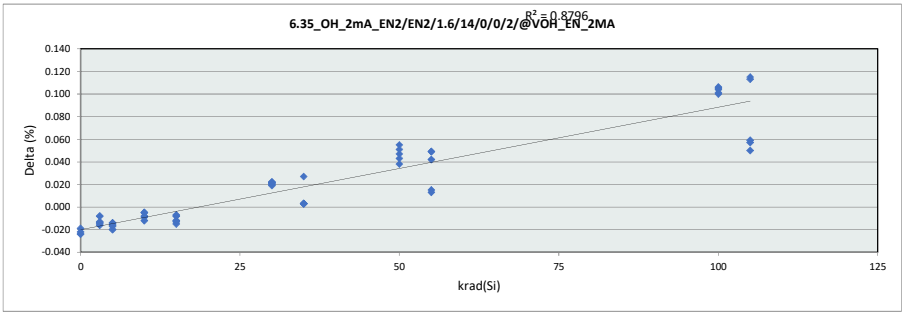


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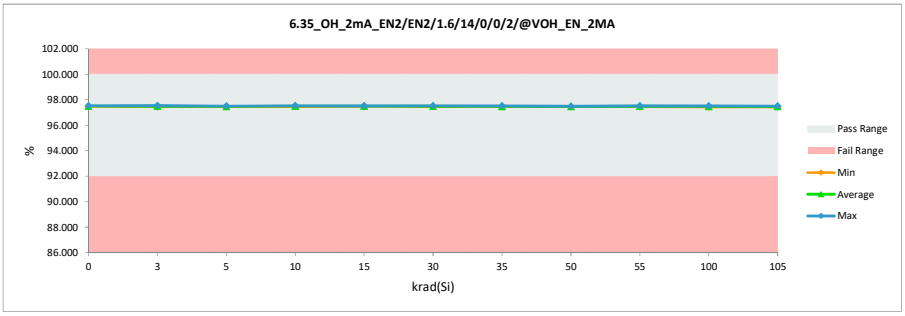
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.35_OH_2mA_EN2/EN2/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.548	97.529	-0.019
0	14	97.501	97.479	-0.022
0	15	97.517	97.493	-0.024
3	20	97.491	97.483	-0.008
3	21	97.554	97.540	-0.014
3	22	97.488	97.475	-0.013
3	23	97.469	97.455	-0.014
3	24	97.502	97.486	-0.016
5	25	97.478	97.462	-0.016
5	26	97.470	97.456	-0.014
5	27	97.529	97.512	-0.017
5	28	97.520	97.506	-0.014
5	29	97.479	97.459	-0.020
10	30	97.477	97.472	-0.005
10	31	97.515	97.506	-0.009
10	32	97.532	97.527	-0.005
10	33	97.504	97.496	-0.008
10	34	97.522	97.510	-0.012
15	35	97.499	97.491	-0.008
15	36	97.520	97.513	-0.007
15	37	97.491	97.476	-0.015
15	38	97.532	97.519	-0.013
15	39	97.527	97.515	-0.012
30	40	97.510	97.529	0.019
30	41	97.444	97.466	0.022
30	42	97.475	97.497	0.022
30	43	97.496	97.517	0.021
30	44	97.442	97.462	0.020
35	45	97.470	97.473	0.003
35	46	97.437	97.464	0.027
35	47	97.517	97.520	0.003
35	48	97.466	97.469	0.003
35	49	97.469	97.472	0.003
50	50	97.406	97.461	0.055
50	51	97.416	97.463	0.047
50	52	97.433	97.484	0.051
50	53	97.423	97.466	0.043
50	54	97.458	97.496	0.038
55	55	97.413	97.462	0.049
55	56	97.467	97.516	0.049
55	57	97.443	97.485	0.042
55	58	97.439	97.454	0.015
55	59	97.510	97.523	0.013
100	60	97.389	97.493	0.104
100	61	97.342	97.447	0.105
100	62	97.363	97.469	0.106
100	63	97.423	97.524	0.101
100	64	97.393	97.493	0.100
105	65	97.447	97.504	0.057
105	66	97.452	97.502	0.050
105	67	97.342	97.457	0.115
105	68	97.347	97.460	0.113
105	69	97.388	97.447	0.059
	Max	97.554	97.540	0.115
	Average	97.466	97.487	0.022
	Min	97.342	97.447	-0.024
	Std Dev	0.054	0.025	0.041



	6.35_OH_2mA_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.479	97.455	97.456	97.472	97.476	97.462	97.464	97.461	97.454	97.447	97.447
Average	97.500	97.488	97.479	97.502	97.503	97.494	97.480	97.474	97.488	97.485	97.474
Max	97.529	97.540	97.512	97.527	97.519	97.529	97.520	97.496	97.523	97.524	97.504
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

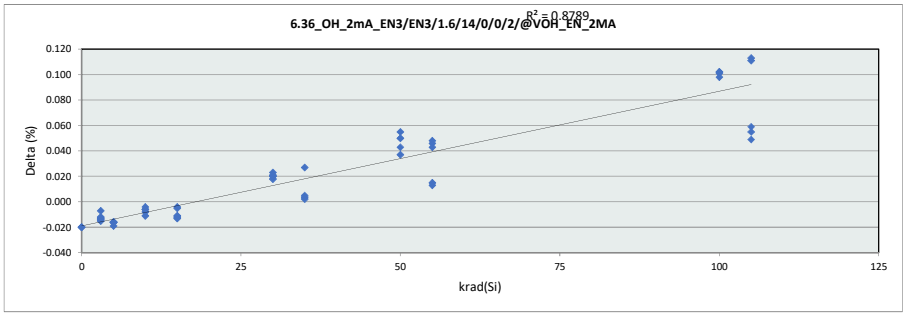


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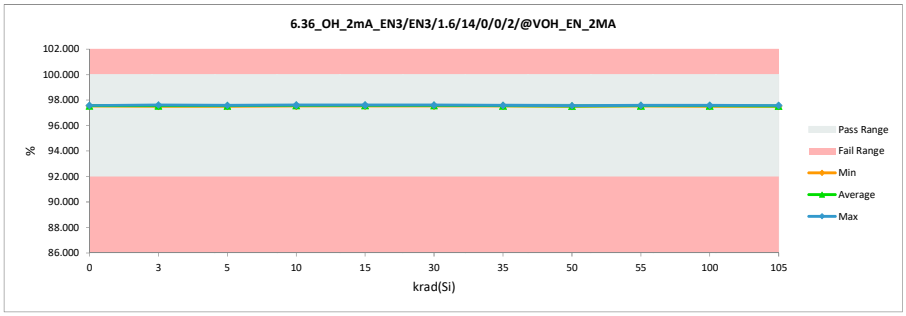
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.36_OH_2mA_EN3/EN3/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.607	97.587	-0.020
0	14	97.569	97.549	-0.020
0	15	97.585	97.565	-0.020
3	20	97.575	97.568	-0.007
3	21	97.628	97.615	-0.013
3	22	97.567	97.555	-0.012
3	23	97.536	97.521	-0.015
3	24	97.579	97.565	-0.014
5	25	97.543	97.527	-0.016
5	26	97.537	97.521	-0.016
5	27	97.598	97.582	-0.016
5	28	97.614	97.598	-0.016
5	29	97.556	97.537	-0.019
10	30	97.538	97.532	-0.006
10	31	97.600	97.594	-0.006
10	32	97.611	97.607	-0.004
10	33	97.583	97.575	-0.008
10	34	97.600	97.589	-0.011
15	35	97.566	97.561	-0.005
15	36	97.579	97.575	-0.004
15	37	97.560	97.547	-0.013
15	38	97.614	97.603	-0.011
15	39	97.610	97.598	-0.012
30	40	97.594	97.612	0.018
30	41	97.534	97.554	0.020
30	42	97.567	97.588	0.021
30	43	97.584	97.607	0.023
30	44	97.506	97.526	0.020
35	45	97.549	97.552	0.003
35	46	97.511	97.538	0.027
35	47	97.595	97.600	0.005
35	48	97.551	97.553	0.002
35	49	97.536	97.540	0.004
50	50	97.468	97.523	0.055
50	51	97.492	97.542	0.050
50	52	97.506	97.556	0.050
50	53	97.511	97.554	0.043
50	54	97.531	97.568	0.037
55	55	97.492	97.538	0.046
55	56	97.537	97.585	0.048
55	57	97.524	97.567	0.043
55	58	97.511	97.524	0.013
55	59	97.580	97.595	0.015
100	60	97.462	97.564	0.102
100	61	97.411	97.513	0.102
100	62	97.444	97.546	0.102
100	63	97.502	97.600	0.098
100	64	97.464	97.565	0.101
105	65	97.522	97.577	0.055
105	66	97.525	97.574	0.049
105	67	97.408	97.521	0.113
105	68	97.414	97.525	0.111
105	69	97.462	97.521	0.059
	Max	97.628	97.615	0.113
	Average	97.541	97.562	0.022
	Min	97.408	97.513	-0.020
	Std Dev	0.055	0.029	0.040



	6.36_OH_2mA_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.549	97.521	97.521	97.532	97.547	97.526	97.538	97.523	97.524	97.513	97.521
Average	97.567	97.565	97.553	97.579	97.577	97.577	97.557	97.549	97.562	97.558	97.544
Max	97.587	97.615	97.598	97.607	97.603	97.612	97.600	97.568	97.595	97.600	97.577
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

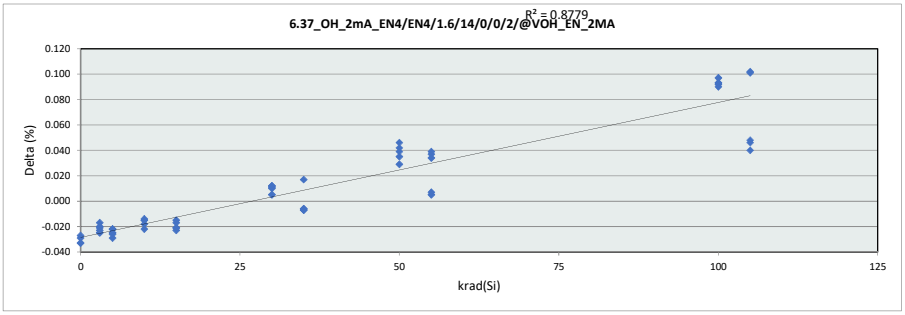


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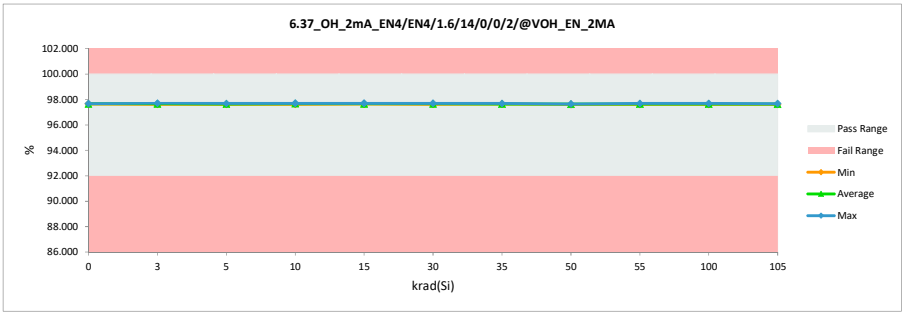
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.37_OH_2mA_EN4/EN4/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.703	97.676	-0.027
0	14	97.674	97.645	-0.029
0	15	97.680	97.647	-0.033
3	20	97.678	97.661	-0.017
3	21	97.729	97.704	-0.025
3	22	97.671	97.651	-0.020
3	23	97.634	97.613	-0.021
3	24	97.686	97.663	-0.023
5	25	97.635	97.613	-0.022
5	26	97.635	97.613	-0.022
5	27	97.701	97.676	-0.025
5	28	97.715	97.689	-0.026
5	29	97.646	97.617	-0.029
10	30	97.633	97.618	-0.015
10	31	97.700	97.685	-0.015
10	32	97.713	97.699	-0.014
10	33	97.680	97.662	-0.018
10	34	97.708	97.686	-0.022
15	35	97.668	97.651	-0.017
15	36	97.674	97.659	-0.015
15	37	97.654	97.631	-0.023
15	38	97.714	97.693	-0.021
15	39	97.709	97.688	-0.021
30	40	97.690	97.695	0.005
30	41	97.628	97.638	0.010
30	42	97.661	97.673	0.012
30	43	97.681	97.692	0.011
30	44	97.603	97.615	0.012
35	45	97.650	97.643	-0.007
35	46	97.611	97.628	0.017
35	47	97.696	97.690	-0.006
35	48	97.652	97.645	-0.007
35	49	97.635	97.629	-0.006
50	50	97.553	97.599	0.046
50	51	97.592	97.631	0.039
50	52	97.605	97.647	0.042
50	53	97.605	97.640	0.035
50	54	97.617	97.646	0.029
55	55	97.587	97.624	0.037
55	56	97.637	97.676	0.039
55	57	97.622	97.656	0.034
55	58	97.606	97.613	0.007
55	59	97.686	97.691	0.005
100	60	97.560	97.653	0.093
100	61	97.504	97.601	0.097
100	62	97.545	97.638	0.093
100	63	97.600	97.690	0.090
100	64	97.562	97.654	0.092
105	65	97.618	97.664	0.046
105	66	97.626	97.666	0.040
105	67	97.508	97.610	0.102
105	68	97.522	97.623	0.101
105	69	97.557	97.605	0.048
	Max	97.729	97.704	0.102
	Average	97.639	97.651	0.012
	Min	97.504	97.599	-0.033
	Std Dev	0.057	0.030	0.041



	6.37_OH_2mA_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.645	97.613	97.613	97.618	97.631	97.615	97.628	97.599	97.613	97.601	97.605
Average	97.656	97.658	97.642	97.670	97.664	97.663	97.647	97.633	97.652	97.647	97.634
Max	97.676	97.704	97.689	97.699	97.693	97.695	97.690	97.647	97.691	97.690	97.666
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

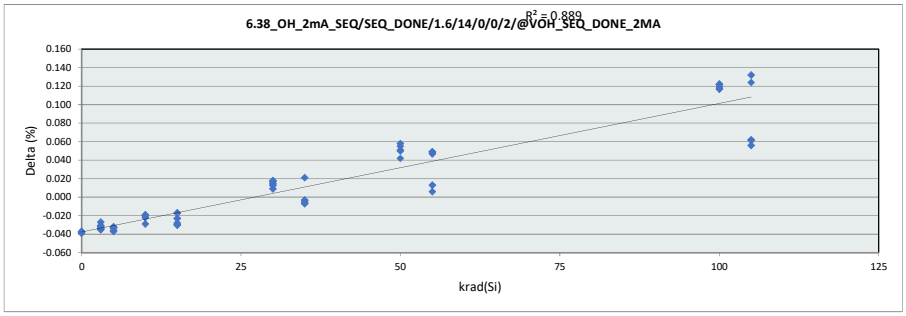


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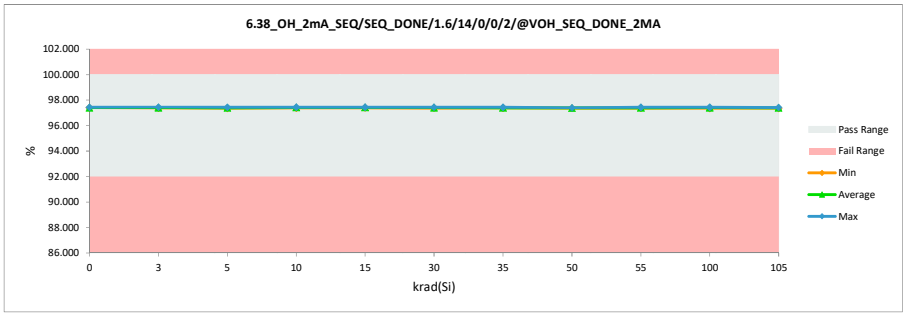
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.38_OH_2mA_SEQ/SEQ_	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.470	97.433	-0.037
0	14	97.441	97.403	-0.038
0	15	97.444	97.405	-0.039
3	20	97.447	97.420	-0.027
3	21	97.484	97.453	-0.031
3	22	97.431	97.399	-0.032
3	23	97.413	97.379	-0.034
3	24	97.439	97.404	-0.035
5	25	97.394	97.361	-0.033
5	26	97.393	97.361	-0.032
5	27	97.451	97.415	-0.036
5	28	97.472	97.439	-0.033
5	29	97.419	97.382	-0.037
10	30	97.410	97.388	-0.022
10	31	97.446	97.426	-0.020
10	32	97.462	97.443	-0.019
10	33	97.426	97.406	-0.020
10	34	97.456	97.427	-0.029
15	35	97.429	97.406	-0.023
15	36	97.437	97.420	-0.017
15	37	97.428	97.398	-0.030
15	38	97.480	97.450	-0.030
15	39	97.458	97.430	-0.028
30	40	97.433	97.442	0.009
30	41	97.355	97.372	0.017
30	42	97.404	97.417	0.013
30	43	97.411	97.426	0.015
30	44	97.372	97.390	0.018
35	45	97.389	97.385	-0.004
35	46	97.359	97.380	0.021
35	47	97.440	97.433	-0.007
35	48	97.421	97.415	-0.006
35	49	97.382	97.379	-0.003
50	50	97.310	97.368	0.058
50	51	97.335	97.390	0.055
50	52	97.350	97.400	0.050
50	53	97.329	97.380	0.051
50	54	97.359	97.401	0.042
55	55	97.325	97.374	0.049
55	56	97.370	97.419	0.049
55	57	97.351	97.398	0.047
55	58	97.357	97.370	0.013
55	59	97.431	97.437	0.006
100	60	97.283	97.405	0.122
100	61	97.233	97.355	0.122
100	62	97.300	97.417	0.117
100	63	97.319	97.438	0.119
100	64	97.283	97.400	0.117
105	65	97.359	97.421	0.062
105	66	97.366	97.422	0.056
105	67	97.234	97.366	0.132
105	68	97.258	97.382	0.124
105	69	97.297	97.358	0.061
	Max	97.484	97.453	0.132
	Average	97.388	97.404	0.016
	Min	97.233	97.355	-0.039
	Std Dev	0.065	0.026	0.053



	6.38_OH_2mA_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.403	97.379	97.361	97.388	97.398	97.372	97.379	97.368	97.370	97.355	97.358
Average	97.414	97.411	97.392	97.418	97.421	97.409	97.398	97.388	97.400	97.403	97.390
Max	97.433	97.453	97.439	97.443	97.450	97.442	97.433	97.401	97.437	97.438	97.422
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

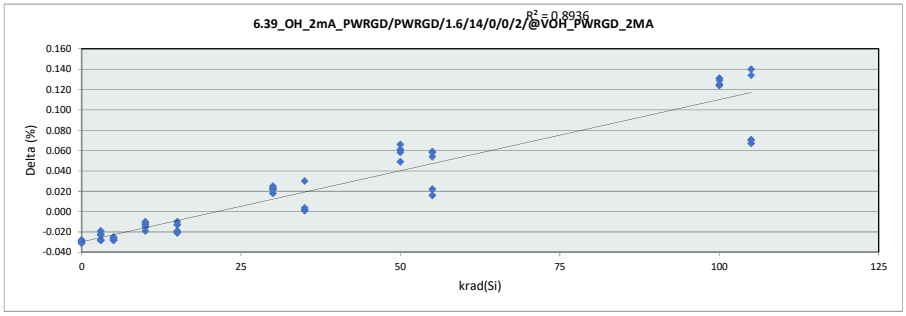


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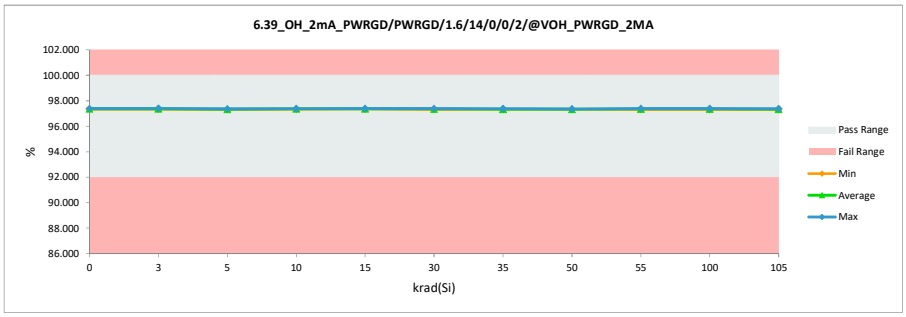
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.39_OH_2mA_PWRGD/PV	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.420	97.392	-0.028
0	14	97.380	97.350	-0.030
0	15	97.383	97.352	-0.031
3	20	97.399	97.380	-0.019
3	21	97.430	97.408	-0.022
3	22	97.374	97.351	-0.023
3	23	97.364	97.336	-0.028
3	24	97.371	97.343	-0.028
5	25	97.344	97.318	-0.026
5	26	97.339	97.313	-0.026
5	27	97.394	97.366	-0.028
5	28	97.393	97.368	-0.025
5	29	97.351	97.323	-0.028
10	30	97.352	97.337	-0.015
10	31	97.383	97.373	-0.010
10	32	97.395	97.384	-0.011
10	33	97.370	97.357	-0.013
10	34	97.397	97.378	-0.019
15	35	97.380	97.367	-0.013
15	36	97.377	97.367	-0.010
15	37	97.370	97.349	-0.021
15	38	97.415	97.395	-0.020
15	39	97.401	97.382	-0.019
30	40	97.374	97.392	0.018
30	41	97.292	97.317	0.025
30	42	97.341	97.363	0.022
30	43	97.346	97.368	0.022
30	44	97.309	97.332	0.023
35	45	97.335	97.337	0.002
35	46	97.302	97.332	0.030
35	47	97.377	97.378	0.001
35	48	97.342	97.344	0.002
35	49	97.328	97.332	0.004
50	50	97.256	97.322	0.066
50	51	97.281	97.342	0.061
50	52	97.298	97.358	0.060
50	53	97.266	97.324	0.058
50	54	97.305	97.354	0.049
55	55	97.265	97.324	0.059
55	56	97.321	97.379	0.058
55	57	97.287	97.341	0.054
55	58	97.295	97.317	0.022
55	59	97.380	97.396	0.016
100	60	97.221	97.352	0.131
100	61	97.188	97.319	0.131
100	62	97.243	97.368	0.125
100	63	97.259	97.388	0.129
100	64	97.225	97.349	0.124
105	65	97.298	97.368	0.070
105	66	97.310	97.377	0.067
105	67	97.184	97.324	0.140
105	68	97.188	97.322	0.134
105	69	97.247	97.318	0.071
	Max	97.430	97.408	0.140
	Average	97.329	97.353	0.024
	Min	97.184	97.313	-0.031
	Std Dev	0.064	0.025	0.053



	6.39_OH_2mA_PWRGD/I										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	97.350	97.336	97.313	97.337	97.349	97.317	97.332	97.322	97.317	97.319	97.318
Average	97.365	97.364	97.338	97.366	97.372	97.354	97.345	97.340	97.351	97.355	97.342
Max	97.392	97.408	97.368	97.384	97.395	97.392	97.378	97.358	97.396	97.388	97.377
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

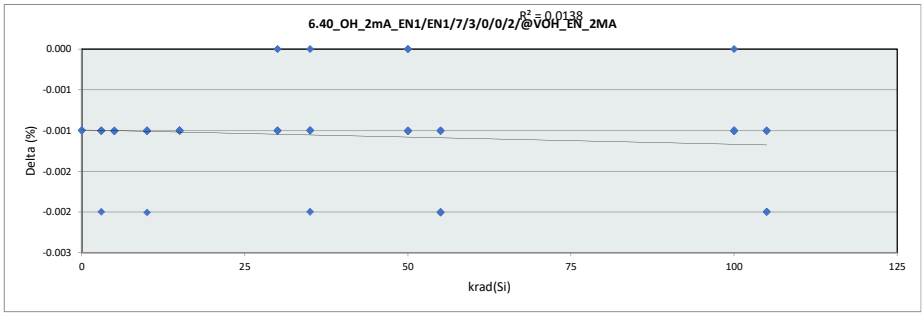


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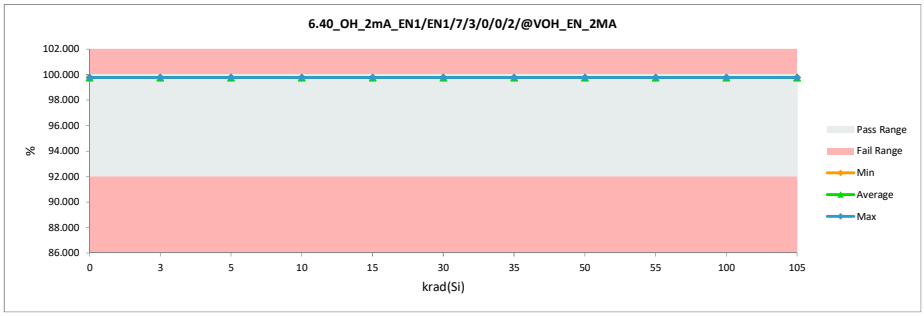
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.40_OH_2mA_EN1/EN1/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.773	99.772	-0.001
0	14	99.770	99.769	-0.001
0	15	99.772	99.771	-0.001
3	20	99.770	99.769	-0.001
3	21	99.773	99.771	-0.002
3	22	99.771	99.770	-0.001
3	23	99.770	99.769	-0.001
3	24	99.771	99.770	-0.001
5	25	99.771	99.770	-0.001
5	26	99.770	99.769	-0.001
5	27	99.771	99.770	-0.001
5	28	99.771	99.770	-0.001
5	29	99.771	99.770	-0.001
10	30	99.770	99.769	-0.001
10	31	99.771	99.770	-0.001
10	32	99.771	99.770	-0.001
10	33	99.770	99.769	-0.001
10	34	99.772	99.770	-0.002
15	35	99.770	99.769	-0.001
15	36	99.772	99.771	-0.001
15	37	99.771	99.770	-0.001
15	38	99.773	99.772	-0.001
15	39	99.770	99.769	-0.001
30	40	99.772	99.771	-0.001
30	41	99.769	99.769	0.000
30	42	99.770	99.769	-0.001
30	43	99.771	99.770	-0.001
30	44	99.769	99.769	0.000
35	45	99.770	99.769	-0.001
35	46	99.770	99.768	-0.002
35	47	99.772	99.771	-0.001
35	48	99.768	99.768	0.000
35	49	99.770	99.769	-0.001
50	50	99.769	99.769	0.000
50	51	99.771	99.770	-0.001
50	52	99.769	99.769	0.000
50	53	99.769	99.768	-0.001
50	54	99.771	99.770	-0.001
55	55	99.769	99.768	-0.001
55	56	99.772	99.770	-0.002
55	57	99.771	99.770	-0.001
55	58	99.770	99.768	-0.002
55	59	99.772	99.770	-0.002
100	60	99.771	99.770	-0.001
100	61	99.769	99.768	-0.001
100	62	99.769	99.768	-0.001
100	63	99.771	99.770	-0.001
100	64	99.769	99.769	0.000
105	65	99.771	99.770	-0.001
105	66	99.770	99.768	-0.002
105	67	99.770	99.768	-0.002
105	68	99.770	99.768	-0.002
105	69	99.770	99.769	-0.001
	Max	99.773	99.772	0.000
	Average	99.771	99.769	-0.001
	Min	99.768	99.768	-0.002
	Std Dev	0.001	0.001	0.001



	6.40_OH_2mA_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.769	99.769	99.769	99.769	99.769	99.769	99.768	99.768	99.768	99.768	99.768
Average	99.771	99.770	99.770	99.770	99.770	99.770	99.769	99.769	99.769	99.769	99.769
Max	99.772	99.771	99.770	99.770	99.772	99.771	99.771	99.770	99.770	99.770	99.770
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

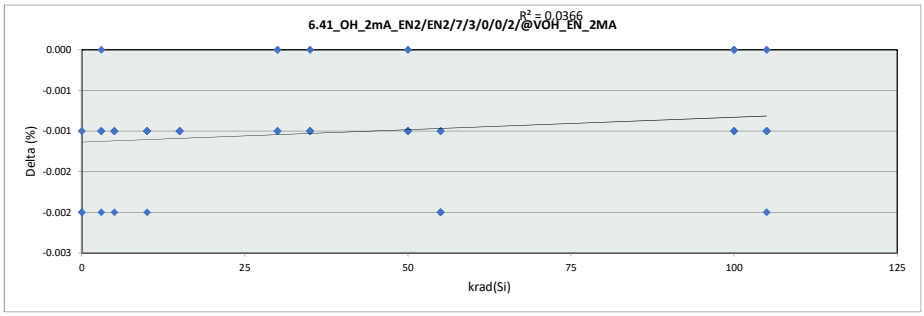


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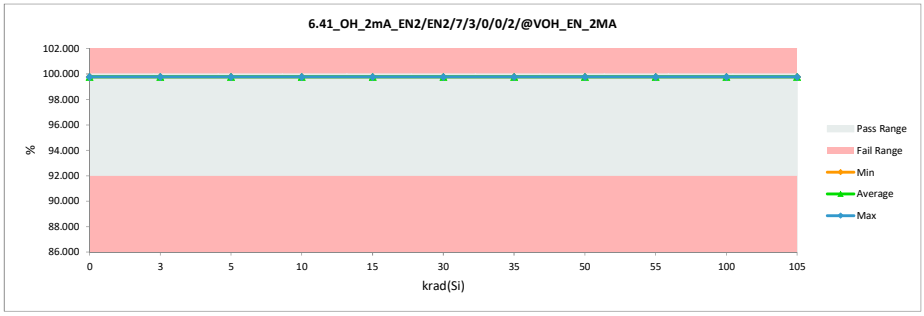
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.41_OH_2mA_EN2/EN2/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.777	99.775	-0.002
0	14	99.774	99.772	-0.002
0	15	99.776	99.775	-0.001
3	20	99.771	99.771	0.000
3	21	99.777	99.775	-0.002
3	22	99.775	99.774	-0.001
3	23	99.774	99.773	-0.001
3	24	99.774	99.773	-0.001
5	25	99.775	99.773	-0.002
5	26	99.773	99.772	-0.001
5	27	99.775	99.774	-0.001
5	28	99.775	99.774	-0.001
5	29	99.773	99.772	-0.001
10	30	99.773	99.772	-0.001
10	31	99.775	99.774	-0.001
10	32	99.774	99.773	-0.001
10	33	99.775	99.774	-0.001
10	34	99.776	99.774	-0.002
15	35	99.774	99.773	-0.001
15	36	99.775	99.774	-0.001
15	37	99.774	99.773	-0.001
15	38	99.776	99.775	-0.001
15	39	99.774	99.773	-0.001
30	40	99.775	99.774	-0.001
30	41	99.774	99.773	-0.001
30	42	99.773	99.773	0.000
30	43	99.774	99.773	-0.001
30	44	99.773	99.773	0.000
35	45	99.774	99.773	-0.001
35	46	99.773	99.772	-0.001
35	47	99.775	99.774	-0.001
35	48	99.773	99.773	0.000
35	49	99.773	99.772	-0.001
50	50	99.773	99.772	-0.001
50	51	99.773	99.773	0.000
50	52	99.773	99.772	-0.001
50	53	99.774	99.773	-0.001
50	54	99.775	99.774	-0.001
55	55	99.773	99.772	-0.001
55	56	99.775	99.773	-0.002
55	57	99.775	99.774	-0.001
55	58	99.774	99.772	-0.002
55	59	99.776	99.774	-0.002
100	60	99.775	99.774	-0.001
100	61	99.772	99.771	-0.001
100	62	99.771	99.771	0.000
100	63	99.775	99.774	-0.001
100	64	99.772	99.772	0.000
105	65	99.774	99.773	-0.001
105	66	99.774	99.772	-0.002
105	67	99.774	99.773	-0.001
105	68	99.773	99.773	0.000
105	69	99.773	99.772	-0.001
	Max	99.777	99.775	0.000
	Average	99.774	99.773	-0.001
	Min	99.771	99.771	-0.002
	Std Dev	0.001	0.001	0.001



	6.41_OH_2mA_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.772	99.771	99.772	99.772	99.773	99.773	99.772	99.772	99.772	99.771	99.772
Average	99.774	99.773	99.773	99.773	99.774	99.773	99.773	99.773	99.773	99.772	99.773
Max	99.775	99.775	99.774	99.774	99.775	99.774	99.774	99.774	99.774	99.774	99.773
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

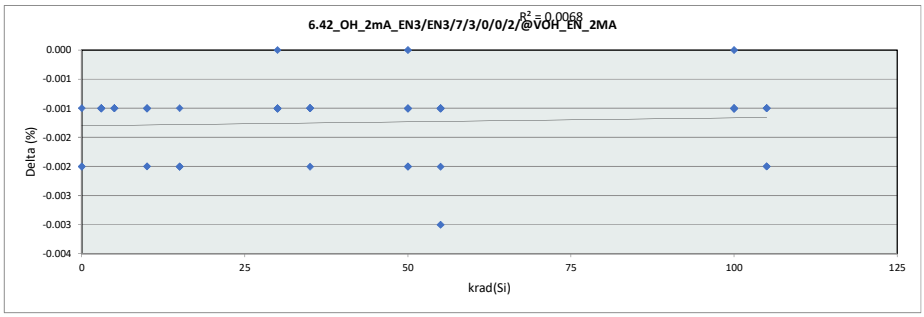


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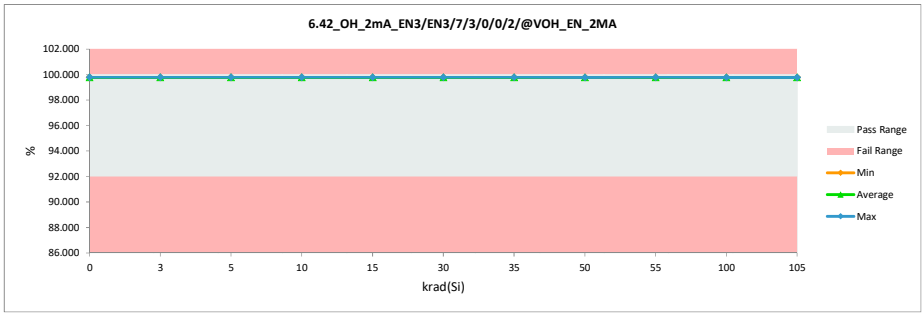
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.42_OH_2mA_EN3/EN3/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.786	99.784	-0.002
0	14	99.784	99.782	-0.002
0	15	99.786	99.785	-0.001
3	20	99.783	99.782	-0.001
3	21	99.787	99.786	-0.001
3	22	99.786	99.785	-0.001
3	23	99.784	99.783	-0.001
3	24	99.785	99.784	-0.001
5	25	99.784	99.783	-0.001
5	26	99.783	99.782	-0.001
5	27	99.786	99.785	-0.001
5	28	99.787	99.786	-0.001
5	29	99.784	99.783	-0.001
10	30	99.783	99.781	-0.002
10	31	99.787	99.785	-0.002
10	32	99.785	99.784	-0.001
10	33	99.786	99.785	-0.001
10	34	99.786	99.785	-0.001
15	35	99.784	99.782	-0.002
15	36	99.785	99.783	-0.002
15	37	99.785	99.783	-0.002
15	38	99.787	99.786	-0.001
15	39	99.786	99.784	-0.002
30	40	99.786	99.786	0.000
30	41	99.785	99.784	-0.001
30	42	99.785	99.784	-0.001
30	43	99.786	99.785	-0.001
30	44	99.783	99.782	-0.001
35	45	99.785	99.783	-0.002
35	46	99.783	99.782	-0.001
35	47	99.786	99.785	-0.001
35	48	99.784	99.783	-0.001
35	49	99.783	99.782	-0.001
50	50	99.783	99.782	-0.001
50	51	99.784	99.784	0.000
50	52	99.784	99.782	-0.002
50	53	99.786	99.784	-0.002
50	54	99.785	99.784	-0.001
55	55	99.784	99.783	-0.001
55	56	99.785	99.784	-0.001
55	57	99.786	99.785	-0.001
55	58	99.785	99.782	-0.003
55	59	99.786	99.784	-0.002
100	60	99.785	99.784	-0.001
100	61	99.782	99.781	-0.001
100	62	99.782	99.781	-0.001
100	63	99.785	99.784	-0.001
100	64	99.783	99.783	0.000
105	65	99.784	99.783	-0.001
105	66	99.784	99.782	-0.002
105	67	99.784	99.782	-0.002
105	68	99.783	99.782	-0.001
105	69	99.783	99.782	-0.001
	Max	99.787	99.786	0.000
	Average	99.785	99.783	-0.001
	Min	99.782	99.781	-0.003
	Std Dev	0.001	0.001	0.001



	6.42_OH_2mA_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.782	99.782	99.782	99.781	99.782	99.782	99.782	99.782	99.782	99.781	99.782
Average	99.784	99.784	99.784	99.784	99.784	99.784	99.783	99.783	99.784	99.783	99.782
Max	99.785	99.786	99.786	99.785	99.786	99.786	99.785	99.784	99.785	99.784	99.783
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

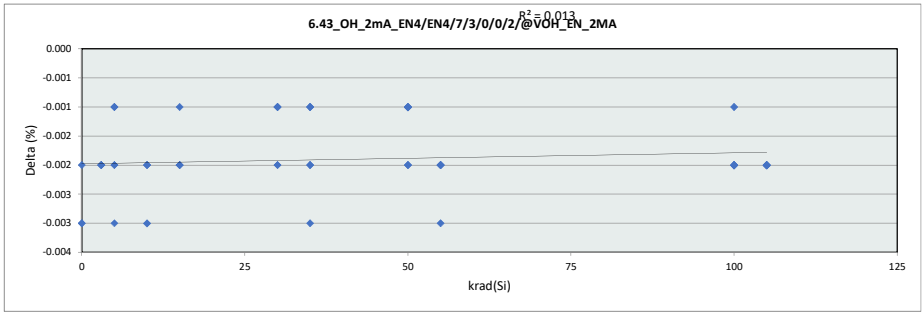


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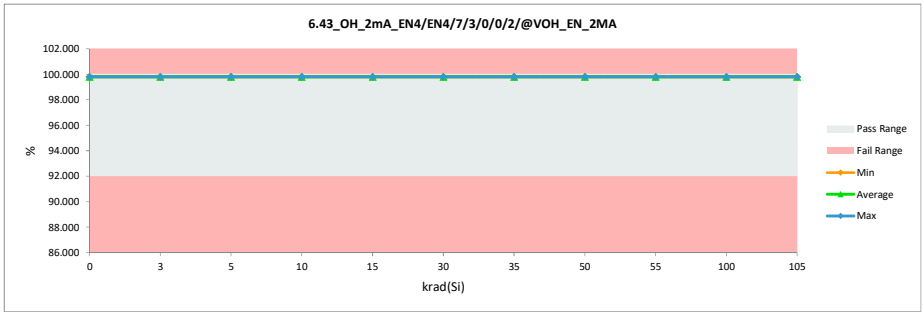
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.43_OH_2mA_EN4/EN4/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.804	99.801	-0.003
0	14	99.802	99.800	-0.002
0	15	99.804	99.801	-0.003
3	20	99.802	99.800	-0.002
3	21	99.805	99.803	-0.002
3	22	99.804	99.802	-0.002
3	23	99.802	99.800	-0.002
3	24	99.804	99.802	-0.002
5	25	99.802	99.800	-0.002
5	26	99.800	99.799	-0.001
5	27	99.804	99.803	-0.001
5	28	99.805	99.802	-0.003
5	29	99.802	99.800	-0.002
10	30	99.801	99.798	-0.003
10	31	99.805	99.802	-0.003
10	32	99.804	99.802	-0.002
10	33	99.803	99.801	-0.002
10	34	99.805	99.803	-0.002
15	35	99.801	99.800	-0.001
15	36	99.803	99.801	-0.002
15	37	99.802	99.800	-0.002
15	38	99.805	99.803	-0.002
15	39	99.803	99.801	-0.002
30	40	99.804	99.802	-0.002
30	41	99.802	99.801	-0.001
30	42	99.802	99.801	-0.001
30	43	99.803	99.802	-0.001
30	44	99.801	99.799	-0.002
35	45	99.803	99.800	-0.003
35	46	99.801	99.799	-0.002
35	47	99.804	99.802	-0.002
35	48	99.802	99.801	-0.001
35	49	99.801	99.800	-0.001
50	50	99.799	99.798	-0.001
50	51	99.802	99.801	-0.001
50	52	99.801	99.800	-0.001
50	53	99.804	99.802	-0.002
50	54	99.803	99.801	-0.002
55	55	99.802	99.800	-0.002
55	56	99.803	99.801	-0.002
55	57	99.804	99.802	-0.002
55	58	99.802	99.799	-0.003
55	59	99.804	99.802	-0.002
100	60	99.803	99.801	-0.002
100	61	99.800	99.798	-0.002
100	62	99.801	99.799	-0.002
100	63	99.803	99.801	-0.002
100	64	99.801	99.800	-0.001
105	65	99.802	99.800	-0.002
105	66	99.802	99.800	-0.002
105	67	99.801	99.799	-0.002
105	68	99.802	99.800	-0.002
105	69	99.800	99.798	-0.002
	Max	99.805	99.803	-0.001
	Average	99.803	99.801	-0.002
	Min	99.799	99.798	-0.003
	Std Dev	0.001	0.001	0.001



	6.43_OH_2mA_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.800	99.800	99.799	99.798	99.800	99.799	99.799	99.798	99.799	99.798	99.798
Average	99.801	99.801	99.801	99.801	99.801	99.801	99.800	99.800	99.801	99.800	99.799
Max	99.801	99.803	99.803	99.803	99.803	99.802	99.802	99.802	99.802	99.801	99.800
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

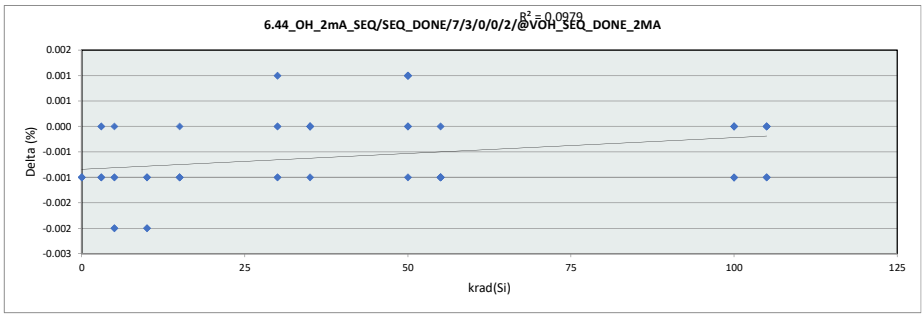


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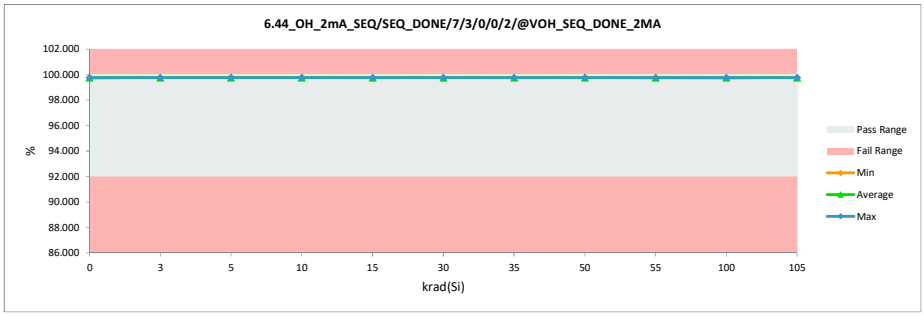
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.44_OH_2mA_SEQ/SEQ_	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.762	99.761	-0.001
0	14	99.760	99.759	-0.001
0	15	99.762	99.761	-0.001
3	20	99.757	99.757	0.000
3	21	99.762	99.762	0.000
3	22	99.762	99.761	-0.001
3	23	99.760	99.759	-0.001
3	24	99.760	99.759	-0.001
5	25	99.759	99.758	-0.001
5	26	99.759	99.758	-0.001
5	27	99.761	99.759	-0.002
5	28	99.762	99.762	0.000
5	29	99.761	99.759	-0.002
10	30	99.760	99.758	-0.002
10	31	99.761	99.760	-0.001
10	32	99.760	99.759	-0.001
10	33	99.761	99.760	-0.001
10	34	99.762	99.760	-0.002
15	35	99.759	99.759	0.000
15	36	99.761	99.760	-0.001
15	37	99.760	99.759	-0.001
15	38	99.762	99.761	-0.001
15	39	99.760	99.759	-0.001
30	40	99.761	99.760	-0.001
30	41	99.759	99.758	-0.001
30	42	99.759	99.759	0.000
30	43	99.760	99.760	0.000
30	44	99.759	99.760	0.001
35	45	99.758	99.758	0.000
35	46	99.758	99.757	-0.001
35	47	99.760	99.760	0.000
35	48	99.760	99.760	0.000
35	49	99.756	99.756	0.000
50	50	99.757	99.758	0.001
50	51	99.759	99.760	0.001
50	52	99.758	99.758	0.000
50	53	99.759	99.759	0.000
50	54	99.759	99.758	-0.001
55	55	99.759	99.758	-0.001
55	56	99.759	99.759	0.000
55	57	99.760	99.759	-0.001
55	58	99.759	99.758	-0.001
55	59	99.760	99.759	-0.001
100	60	99.760	99.759	-0.001
100	61	99.757	99.756	-0.001
100	62	99.756	99.756	0.000
100	63	99.760	99.760	0.000
100	64	99.758	99.758	0.000
105	65	99.760	99.760	0.000
105	66	99.758	99.758	0.000
105	67	99.759	99.758	-0.001
105	68	99.759	99.759	0.000
105	69	99.758	99.757	-0.001
	Max	99.762	99.762	0.001
	Average	99.760	99.759	-0.001
	Min	99.756	99.756	-0.002
	Std Dev	0.002	0.001	0.001



	6.44_OH_2mA_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.759	99.757	99.758	99.758	99.759	99.758	99.756	99.758	99.758	99.756	99.757
Average	99.760	99.760	99.759	99.759	99.760	99.759	99.758	99.759	99.759	99.758	99.758
Max	99.761	99.762	99.762	99.760	99.761	99.760	99.760	99.760	99.759	99.760	99.760
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

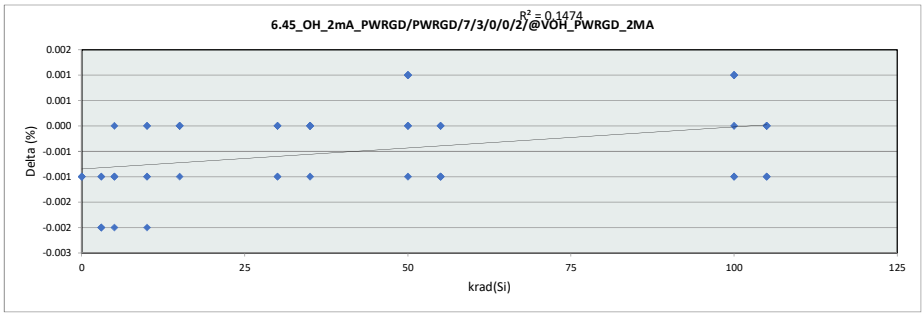


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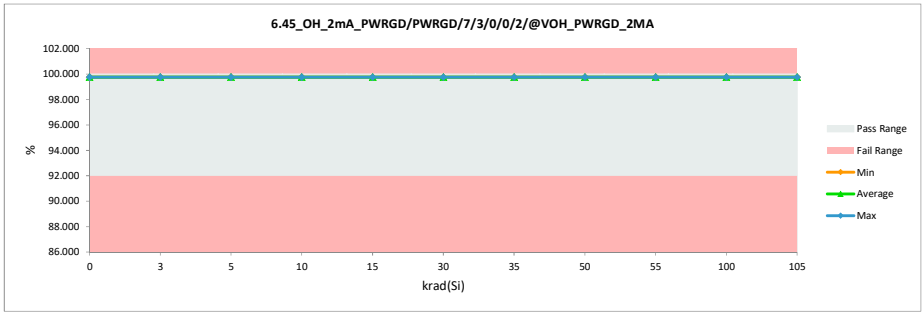
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.45_OH_2mA_PWRGD/PV	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.754	99.753	-0.001
0	14	99.751	99.750	-0.001
0	15	99.753	99.752	-0.001
3	20	99.750	99.749	-0.001
3	21	99.755	99.753	-0.002
3	22	99.754	99.752	-0.002
3	23	99.753	99.751	-0.002
3	24	99.751	99.750	-0.001
5	25	99.751	99.750	-0.001
5	26	99.750	99.750	0.000
5	27	99.752	99.751	-0.001
5	28	99.753	99.752	-0.001
5	29	99.752	99.750	-0.002
10	30	99.751	99.749	-0.002
10	31	99.753	99.752	-0.001
10	32	99.751	99.751	0.000
10	33	99.752	99.752	0.000
10	34	99.753	99.752	-0.001
15	35	99.751	99.751	0.000
15	36	99.751	99.751	0.000
15	37	99.751	99.750	-0.001
15	38	99.753	99.753	0.000
15	39	99.751	99.751	0.000
30	40	99.753	99.752	-0.001
30	41	99.751	99.750	-0.001
30	42	99.751	99.751	0.000
30	43	99.751	99.751	0.000
30	44	99.751	99.751	0.000
35	45	99.752	99.751	-0.001
35	46	99.749	99.749	0.000
35	47	99.752	99.752	0.000
35	48	99.751	99.751	0.000
35	49	99.749	99.749	0.000
50	50	99.749	99.750	0.001
50	51	99.751	99.752	0.001
50	52	99.750	99.750	0.000
50	53	99.751	99.750	-0.001
50	54	99.750	99.750	0.000
55	55	99.751	99.750	-0.001
55	56	99.752	99.752	0.000
55	57	99.752	99.752	0.000
55	58	99.751	99.750	-0.001
55	59	99.753	99.752	-0.001
100	60	99.753	99.752	-0.001
100	61	99.750	99.749	-0.001
100	62	99.748	99.749	0.001
100	63	99.752	99.753	0.001
100	64	99.750	99.750	0.000
105	65	99.752	99.752	0.000
105	66	99.751	99.750	-0.001
105	67	99.751	99.750	-0.001
105	68	99.751	99.751	0.000
105	69	99.751	99.751	0.000
	Max	99.755	99.753	0.001
	Average	99.751	99.751	-0.001
	Min	99.748	99.749	-0.002
	Std Dev	0.001	0.001	0.001



	6.45_OH_2mA_PWRGD/I										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.750	99.749	99.750	99.749	99.750	99.750	99.749	99.750	99.750	99.749	99.750
Average	99.752	99.751	99.751	99.751	99.751	99.751	99.750	99.750	99.751	99.751	99.751
Max	99.753	99.753	99.752	99.752	99.753	99.752	99.752	99.752	99.752	99.753	99.752
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

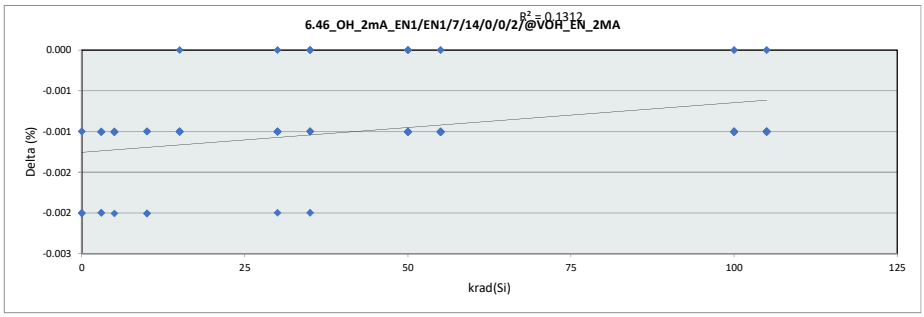


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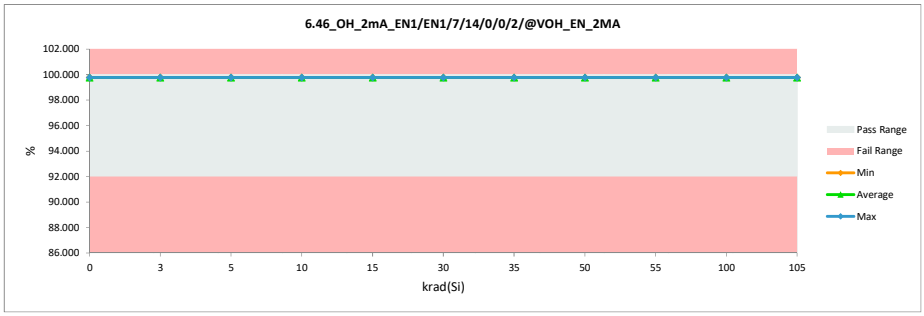
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.46_OH_2mA_EN1/EN1/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.773	99.771	-0.002
0	14	99.771	99.769	-0.002
0	15	99.772	99.771	-0.001
3	20	99.770	99.769	-0.001
3	21	99.773	99.771	-0.002
3	22	99.771	99.770	-0.001
3	23	99.770	99.768	-0.002
3	24	99.771	99.770	-0.001
5	25	99.771	99.770	-0.001
5	26	99.770	99.769	-0.001
5	27	99.771	99.770	-0.001
5	28	99.771	99.769	-0.002
5	29	99.771	99.770	-0.001
10	30	99.770	99.769	-0.001
10	31	99.772	99.770	-0.002
10	32	99.771	99.769	-0.002
10	33	99.770	99.769	-0.001
10	34	99.772	99.770	-0.002
15	35	99.769	99.769	0.000
15	36	99.772	99.771	-0.001
15	37	99.771	99.770	-0.001
15	38	99.773	99.772	-0.001
15	39	99.770	99.769	-0.001
30	40	99.772	99.771	-0.001
30	41	99.770	99.768	-0.002
30	42	99.770	99.769	-0.001
30	43	99.771	99.770	-0.001
30	44	99.769	99.769	0.000
35	45	99.770	99.769	-0.001
35	46	99.770	99.768	-0.002
35	47	99.771	99.771	0.000
35	48	99.768	99.768	0.000
35	49	99.770	99.769	-0.001
50	50	99.769	99.769	0.000
50	51	99.771	99.770	-0.001
50	52	99.769	99.769	0.000
50	53	99.769	99.768	-0.001
50	54	99.771	99.770	-0.001
55	55	99.769	99.768	-0.001
55	56	99.771	99.770	-0.001
55	57	99.771	99.770	-0.001
55	58	99.769	99.769	0.000
55	59	99.771	99.770	-0.001
100	60	99.771	99.770	-0.001
100	61	99.769	99.768	-0.001
100	62	99.769	99.768	-0.001
100	63	99.771	99.770	-0.001
100	64	99.769	99.769	0.000
105	65	99.771	99.770	-0.001
105	66	99.769	99.768	-0.001
105	67	99.769	99.769	0.000
105	68	99.769	99.768	-0.001
105	69	99.770	99.769	-0.001
	Max	99.773	99.772	0.000
	Average	99.770	99.769	-0.001
	Min	99.768	99.768	-0.002
	Std Dev	0.001	0.001	0.001



	6.46_OH_2mA_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.769	99.768	99.769	99.769	99.769	99.768	99.768	99.768	99.768	99.768	99.768
Average	99.770	99.770	99.770	99.769	99.770	99.769	99.769	99.769	99.769	99.769	99.769
Max	99.771	99.771	99.770	99.770	99.772	99.771	99.771	99.770	99.770	99.770	99.770
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

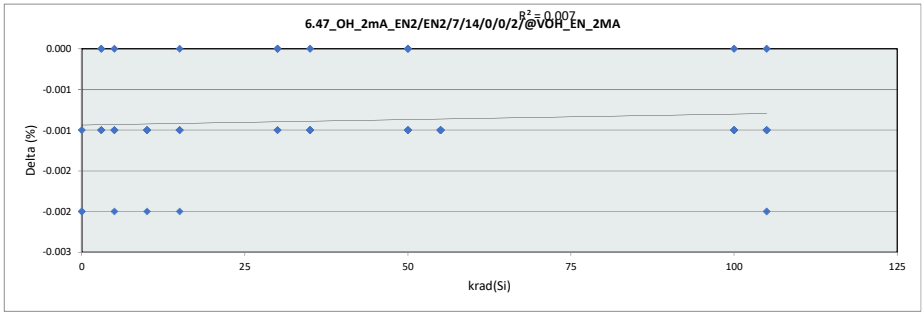


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

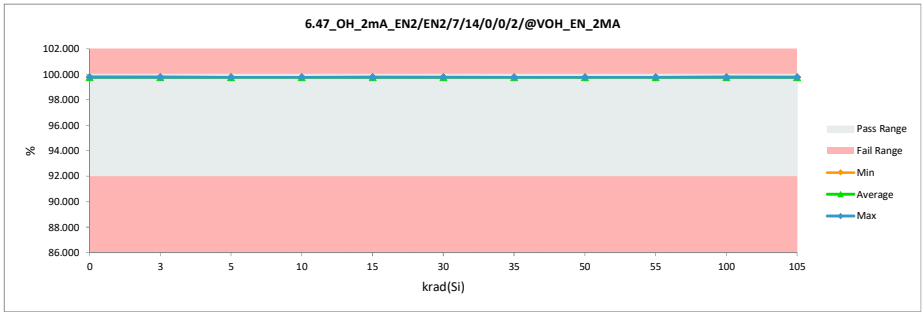
	6.47_OH_2mA_EN2/EN2/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.777	99.775	-0.002
0	14	99.774	99.772	-0.002
0	15	99.776	99.775	-0.001
3	20	99.772	99.771	-0.001
3	21	99.776	99.775	-0.001
3	22	99.774	99.774	0.000
3	23	99.773	99.773	0.000
3	24	99.774	99.773	-0.001
5	25	99.774	99.773	-0.001
5	26	99.772	99.772	0.000
5	27	99.775	99.774	-0.001
5	28	99.775	99.774	-0.001
5	29	99.774	99.772	-0.002
10	30	99.773	99.772	-0.001
10	31	99.775	99.773	-0.002
10	32	99.774	99.773	-0.001
10	33	99.774	99.773	-0.001
10	34	99.775	99.774	-0.001
15	35	99.773	99.773	0.000
15	36	99.775	99.774	-0.001
15	37	99.774	99.772	-0.002
15	38	99.776	99.775	-0.001
15	39	99.774	99.773	-0.001
30	40	99.775	99.774	-0.001
30	41	99.774	99.773	-0.001
30	42	99.773	99.773	0.000
30	43	99.774	99.774	0.000
30	44	99.773	99.773	0.000
35	45	99.774	99.773	-0.001
35	46	99.773	99.772	-0.001
35	47	99.775	99.774	-0.001
35	48	99.773	99.773	0.000
35	49	99.773	99.772	-0.001
50	50	99.772	99.772	0.000
50	51	99.773	99.773	0.000
50	52	99.773	99.772	-0.001
50	53	99.774	99.773	-0.001
50	54	99.775	99.774	-0.001
55	55	99.773	99.772	-0.001
55	56	99.775	99.774	-0.001
55	57	99.775	99.774	-0.001
55	58	99.773	99.772	-0.001
55	59	99.775	99.774	-0.001
100	60	99.775	99.774	-0.001
100	61	99.772	99.771	-0.001
100	62	99.771	99.771	0.000
100	63	99.775	99.774	-0.001
100	64	99.773	99.772	-0.001
105	65	99.774	99.773	-0.001
105	66	99.774	99.772	-0.002
105	67	99.774	99.773	-0.001
105	68	99.773	99.773	0.000
105	69	99.773	99.772	-0.001
	Max	99.777	99.775	0.000
	Average	99.774	99.773	-0.001
	Min	99.771	99.771	-0.002
	Std Dev	0.001	0.001	0.001



	6.47_OH_2mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Max Limit	100	%
Min Limit	92	%

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.772	99.771	99.772	99.772	99.772	99.773	99.772	99.772	99.772	99.771	99.772
Average	99.774	99.773	99.773	99.773	99.773	99.773	99.773	99.773	99.773	99.772	99.773
Max	99.775	99.775	99.774	99.774	99.775	99.774	99.774	99.774	99.774	99.774	99.773
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

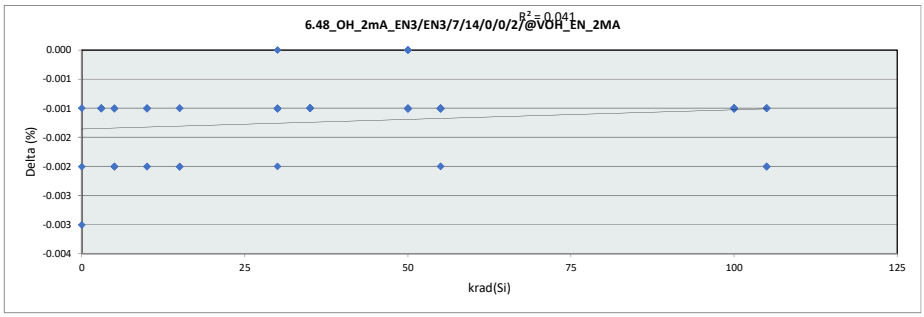


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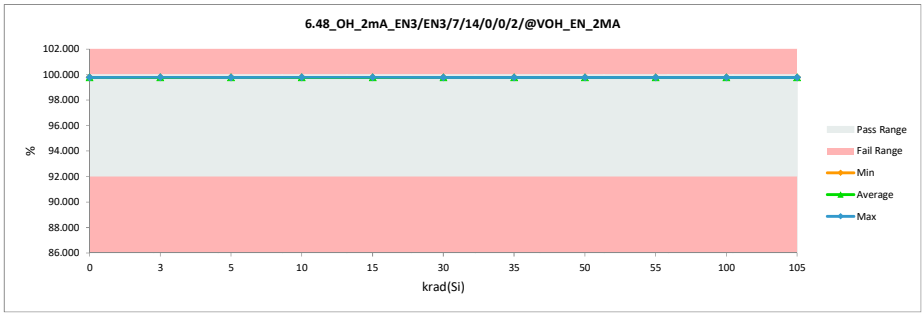
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.48_OH_2mA_EN3/EN3/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.786	99.784	-0.002
0	14	99.785	99.782	-0.003
0	15	99.786	99.785	-0.001
3	20	99.783	99.782	-0.001
3	21	99.787	99.786	-0.001
3	22	99.786	99.785	-0.001
3	23	99.783	99.782	-0.001
3	24	99.785	99.784	-0.001
5	25	99.785	99.783	-0.002
5	26	99.783	99.782	-0.001
5	27	99.785	99.784	-0.001
5	28	99.787	99.785	-0.002
5	29	99.785	99.783	-0.002
10	30	99.783	99.781	-0.002
10	31	99.787	99.786	-0.001
10	32	99.785	99.784	-0.001
10	33	99.786	99.784	-0.002
10	34	99.786	99.785	-0.001
15	35	99.783	99.782	-0.001
15	36	99.785	99.783	-0.002
15	37	99.785	99.783	-0.002
15	38	99.787	99.786	-0.001
15	39	99.786	99.784	-0.002
30	40	99.787	99.785	-0.002
30	41	99.785	99.784	-0.001
30	42	99.785	99.784	-0.001
30	43	99.786	99.785	-0.001
30	44	99.782	99.782	0.000
35	45	99.784	99.783	-0.001
35	46	99.783	99.782	-0.001
35	47	99.786	99.785	-0.001
35	48	99.784	99.783	-0.001
35	49	99.783	99.782	-0.001
50	50	99.782	99.782	0.000
50	51	99.784	99.784	0.000
50	52	99.783	99.782	-0.001
50	53	99.785	99.784	-0.001
50	54	99.785	99.784	-0.001
55	55	99.784	99.783	-0.001
55	56	99.785	99.784	-0.001
55	57	99.786	99.785	-0.001
55	58	99.784	99.782	-0.002
55	59	99.785	99.784	-0.001
100	60	99.785	99.784	-0.001
100	61	99.782	99.781	-0.001
100	62	99.782	99.781	-0.001
100	63	99.785	99.784	-0.001
100	64	99.784	99.783	-0.001
105	65	99.785	99.783	-0.002
105	66	99.784	99.782	-0.002
105	67	99.783	99.782	-0.001
105	68	99.783	99.782	-0.001
105	69	99.783	99.782	-0.001
	Max	99.787	99.786	0.000
	Average	99.785	99.783	-0.001
	Min	99.782	99.781	-0.003
	Std Dev	0.001	0.001	0.001



	6.48_OH_2mA_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.782	99.782	99.782	99.781	99.782	99.782	99.782	99.782	99.782	99.781	99.782
Average	99.784	99.784	99.783	99.784	99.784	99.784	99.783	99.783	99.784	99.783	99.782
Max	99.785	99.786	99.785	99.786	99.786	99.785	99.785	99.784	99.785	99.784	99.783
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

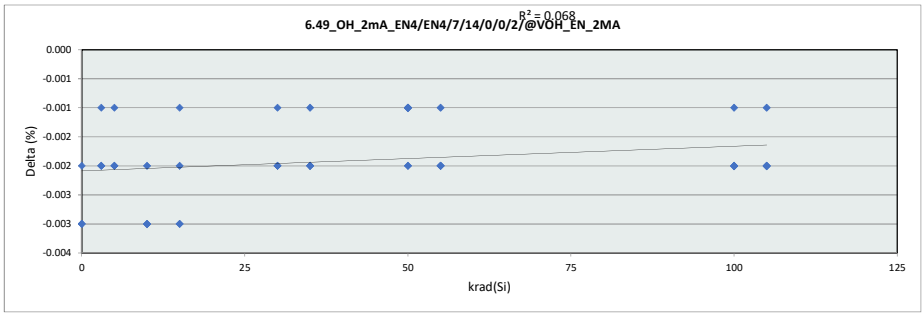


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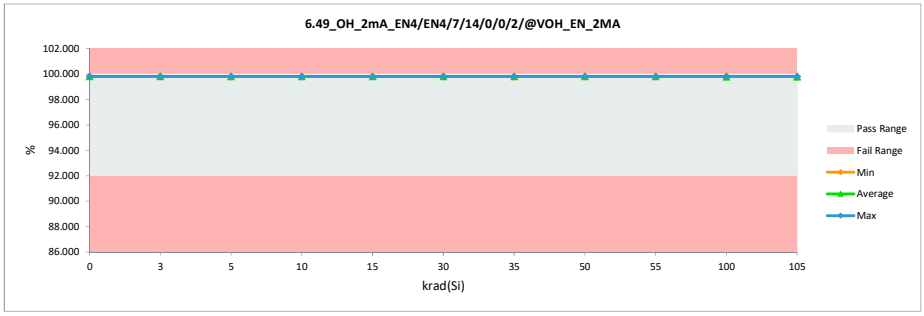
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.49_OH_2mA_EN4/EN4/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.804	99.801	-0.003
0	14	99.802	99.799	-0.003
0	15	99.803	99.801	-0.002
3	20	99.802	99.800	-0.002
3	21	99.805	99.803	-0.002
3	22	99.804	99.802	-0.002
3	23	99.801	99.800	-0.001
3	24	99.804	99.802	-0.002
5	25	99.802	99.800	-0.002
5	26	99.800	99.799	-0.001
5	27	99.804	99.802	-0.002
5	28	99.804	99.802	-0.002
5	29	99.802	99.800	-0.002
10	30	99.801	99.798	-0.003
10	31	99.805	99.802	-0.003
10	32	99.804	99.802	-0.002
10	33	99.803	99.801	-0.002
10	34	99.805	99.802	-0.003
15	35	99.801	99.800	-0.001
15	36	99.803	99.800	-0.003
15	37	99.802	99.800	-0.002
15	38	99.805	99.803	-0.002
15	39	99.804	99.801	-0.003
30	40	99.804	99.802	-0.002
30	41	99.802	99.800	-0.002
30	42	99.802	99.800	-0.002
30	43	99.803	99.802	-0.001
30	44	99.801	99.799	-0.002
35	45	99.802	99.800	-0.002
35	46	99.801	99.799	-0.002
35	47	99.804	99.802	-0.002
35	48	99.802	99.801	-0.001
35	49	99.801	99.799	-0.002
50	50	99.799	99.798	-0.001
50	51	99.802	99.801	-0.001
50	52	99.801	99.800	-0.001
50	53	99.804	99.802	-0.002
50	54	99.802	99.800	-0.002
55	55	99.801	99.800	-0.001
55	56	99.803	99.801	-0.002
55	57	99.804	99.802	-0.002
55	58	99.801	99.799	-0.002
55	59	99.804	99.802	-0.002
100	60	99.803	99.801	-0.002
100	61	99.800	99.798	-0.002
100	62	99.801	99.799	-0.002
100	63	99.803	99.801	-0.002
100	64	99.801	99.800	-0.001
105	65	99.802	99.800	-0.002
105	66	99.802	99.800	-0.002
105	67	99.801	99.799	-0.002
105	68	99.801	99.800	-0.001
105	69	99.800	99.798	-0.002
	Max	99.805	99.803	-0.001
	Average	99.802	99.800	-0.002
	Min	99.799	99.798	-0.003
	Std Dev	0.001	0.001	0.001



	6.49_OH_2mA_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.799	99.800	99.799	99.798	99.800	99.799	99.799	99.798	99.799	99.798	99.798
Average	99.800	99.801	99.801	99.801	99.801	99.801	99.800	99.800	99.801	99.800	99.799
Max	99.801	99.803	99.802	99.802	99.803	99.802	99.802	99.802	99.802	99.801	99.800
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

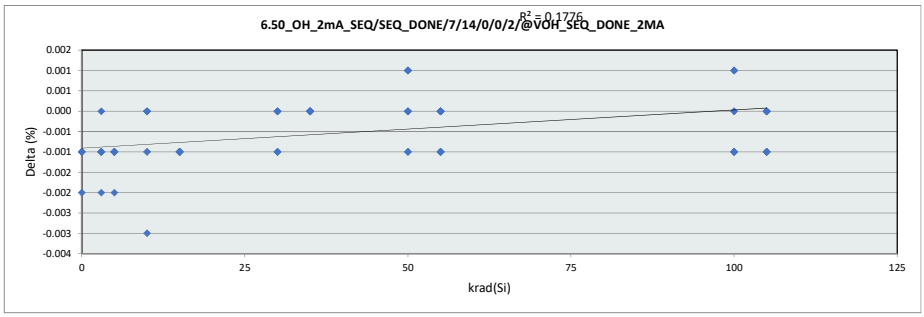


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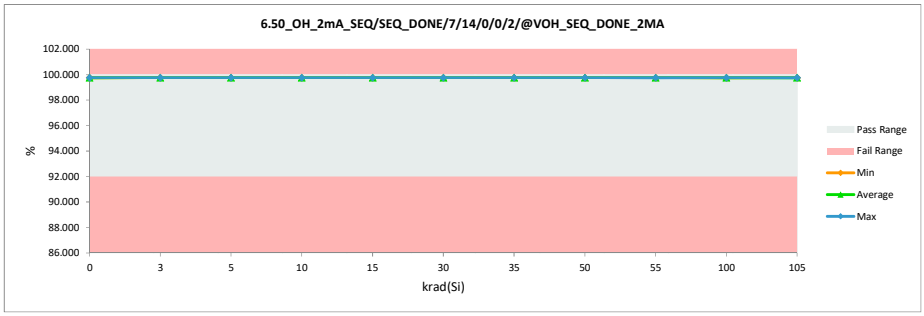
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.50_OH_2mA_SEQ/SEQ_	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.762	99.761	-0.001
0	14	99.760	99.759	-0.001
0	15	99.762	99.760	-0.002
3	20	99.757	99.757	0.000
3	21	99.762	99.761	-0.001
3	22	99.761	99.760	-0.001
3	23	99.760	99.758	-0.002
3	24	99.760	99.759	-0.001
5	25	99.758	99.757	-0.001
5	26	99.759	99.757	-0.002
5	27	99.760	99.759	-0.001
5	28	99.762	99.761	-0.001
5	29	99.760	99.759	-0.001
10	30	99.759	99.758	-0.001
10	31	99.760	99.760	0.000
10	32	99.759	99.759	0.000
10	33	99.760	99.760	0.000
10	34	99.762	99.759	-0.003
15	35	99.759	99.758	-0.001
15	36	99.760	99.759	-0.001
15	37	99.759	99.758	-0.001
15	38	99.762	99.761	-0.001
15	39	99.759	99.758	-0.001
30	40	99.761	99.760	-0.001
30	41	99.759	99.758	-0.001
30	42	99.759	99.759	0.000
30	43	99.759	99.759	0.000
30	44	99.759	99.759	0.000
35	45	99.758	99.758	0.000
35	46	99.757	99.757	0.000
35	47	99.760	99.760	0.000
35	48	99.760	99.760	0.000
35	49	99.756	99.756	0.000
50	50	99.757	99.758	0.001
50	51	99.759	99.760	0.001
50	52	99.757	99.757	0.000
50	53	99.759	99.758	-0.001
50	54	99.758	99.758	0.000
55	55	99.758	99.758	0.000
55	56	99.759	99.759	0.000
55	57	99.760	99.759	-0.001
55	58	99.758	99.758	0.000
55	59	99.760	99.759	-0.001
100	60	99.760	99.759	-0.001
100	61	99.756	99.756	0.000
100	62	99.756	99.755	-0.001
100	63	99.759	99.760	0.001
100	64	99.757	99.758	0.001
105	65	99.759	99.759	0.000
105	66	99.758	99.757	-0.001
105	67	99.758	99.757	-0.001
105	68	99.758	99.758	0.000
105	69	99.757	99.757	0.000
	Max	99.762	99.761	0.001
	Average	99.759	99.759	-0.001
	Min	99.756	99.755	-0.003
	Std Dev	0.002	0.001	0.001



	6.50_OH_2mA_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.759	99.757	99.757	99.758	99.758	99.758	99.756	99.757	99.758	99.755	99.757
Average	99.760	99.759	99.759	99.759	99.759	99.759	99.758	99.758	99.759	99.758	99.758
Max	99.761	99.761	99.761	99.760	99.761	99.760	99.760	99.760	99.759	99.760	99.759
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

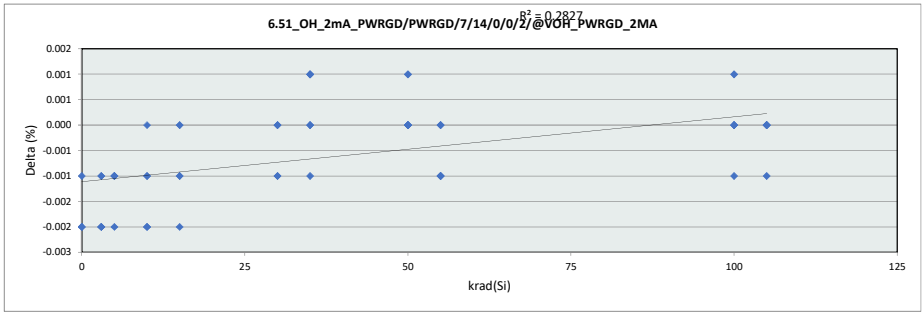


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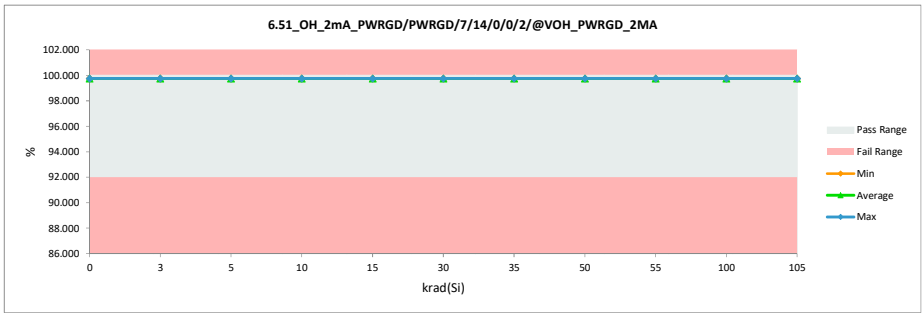
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.51_OH_2mA_PWRGD/PV	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	90	92

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.754	99.752	-0.002
0	14	99.751	99.749	-0.002
0	15	99.753	99.752	-0.001
3	20	99.750	99.748	-0.002
3	21	99.754	99.753	-0.001
3	22	99.753	99.752	-0.001
3	23	99.753	99.751	-0.002
3	24	99.751	99.749	-0.002
5	25	99.751	99.750	-0.001
5	26	99.750	99.749	-0.001
5	27	99.753	99.751	-0.002
5	28	99.753	99.752	-0.001
5	29	99.751	99.750	-0.001
10	30	99.751	99.749	-0.002
10	31	99.753	99.752	-0.001
10	32	99.751	99.750	-0.001
10	33	99.752	99.752	0.000
10	34	99.753	99.751	-0.002
15	35	99.751	99.751	0.000
15	36	99.752	99.750	-0.002
15	37	99.751	99.750	-0.001
15	38	99.753	99.752	-0.001
15	39	99.751	99.751	0.000
30	40	99.753	99.752	-0.001
30	41	99.750	99.749	-0.001
30	42	99.750	99.750	0.000
30	43	99.750	99.750	0.000
30	44	99.750	99.750	0.000
35	45	99.750	99.751	0.001
35	46	99.748	99.749	0.001
35	47	99.752	99.751	-0.001
35	48	99.751	99.751	0.000
35	49	99.748	99.748	0.000
50	50	99.749	99.750	0.001
50	51	99.752	99.752	0.000
50	52	99.750	99.750	0.000
50	53	99.750	99.750	0.000
50	54	99.750	99.750	0.000
55	55	99.750	99.750	0.000
55	56	99.752	99.751	-0.001
55	57	99.752	99.751	-0.001
55	58	99.750	99.750	0.000
55	59	99.753	99.752	-0.001
100	60	99.752	99.752	0.000
100	61	99.750	99.749	-0.001
100	62	99.748	99.748	0.000
100	63	99.752	99.752	0.000
100	64	99.749	99.750	0.001
105	65	99.751	99.751	0.000
105	66	99.751	99.750	-0.001
105	67	99.750	99.750	0.000
105	68	99.750	99.750	0.000
105	69	99.750	99.750	0.000
	Max	99.754	99.753	0.001
	Average	99.751	99.750	-0.001
	Min	99.748	99.748	-0.002
	Std Dev	0.001	0.001	0.001



	6.51_OH_2mA_PWRGD/I										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	92	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
Min	99.749	99.748	99.749	99.749	99.750	99.749	99.748	99.750	99.750	99.748	99.750
Average	99.751	99.751	99.750	99.751	99.751	99.750	99.750	99.750	99.751	99.750	99.750
Max	99.752	99.753	99.752	99.752	99.752	99.752	99.751	99.752	99.752	99.752	99.751
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

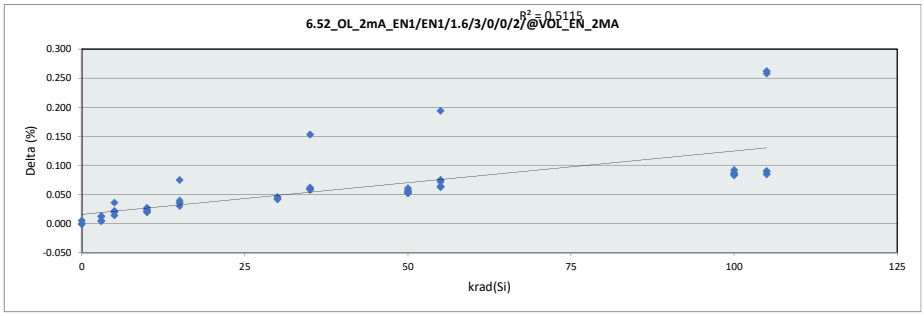


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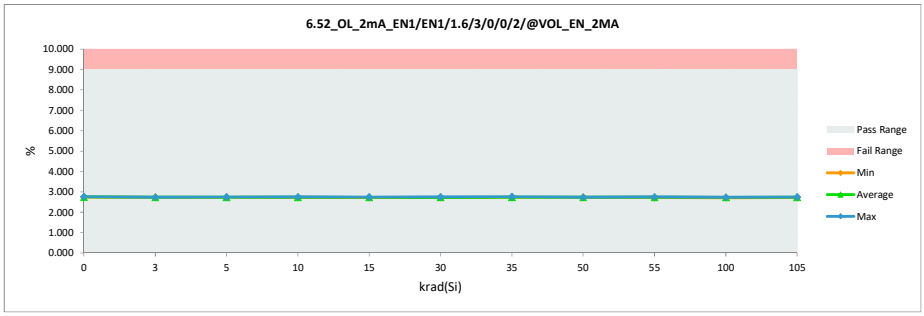
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.52_OL_2mA_EN1/EN1/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.760	2.759	-0.001
0	14	2.746	2.746	0.000
0	15	2.736	2.741	0.005
3	20	2.722	2.726	0.004
3	21	2.732	2.737	0.005
3	22	2.718	2.730	0.012
3	23	2.726	2.738	0.012
3	24	2.717	2.730	0.013
5	25	2.722	2.736	0.014
5	26	2.728	2.748	0.020
5	27	2.695	2.731	0.036
5	28	2.712	2.732	0.020
5	29	2.716	2.738	0.022
10	30	2.730	2.753	0.023
10	31	2.698	2.718	0.020
10	32	2.697	2.716	0.019
10	33	2.725	2.748	0.023
10	34	2.699	2.726	0.027
15	35	2.707	2.737	0.030
15	36	2.657	2.732	0.075
15	37	2.685	2.725	0.040
15	38	2.684	2.720	0.036
15	39	2.707	2.743	0.036
30	40	2.674	2.720	0.046
30	41	2.674	2.719	0.045
30	42	2.680	2.722	0.042
30	43	2.676	2.718	0.042
30	44	2.712	2.756	0.044
35	45	2.684	2.746	0.062
35	46	2.582	2.735	0.153
35	47	2.670	2.728	0.058
35	48	2.702	2.761	0.059
35	49	2.667	2.727	0.060
50	50	2.674	2.726	0.052
50	51	2.676	2.731	0.055
50	52	2.685	2.738	0.053
50	53	2.680	2.737	0.057
50	54	2.673	2.734	0.061
55	55	2.665	2.729	0.064
55	56	2.555	2.749	0.194
55	57	2.650	2.713	0.063
55	58	2.678	2.753	0.075
55	59	2.662	2.734	0.072
100	60	2.649	2.736	0.087
100	61	2.637	2.729	0.092
100	62	2.647	2.730	0.083
100	63	2.630	2.715	0.085
100	64	2.651	2.735	0.084
105	65	2.631	2.716	0.085
105	66	2.648	2.738	0.090
105	67	2.470	2.732	0.262
105	68	2.482	2.740	0.258
105	69	2.649	2.739	0.090
	Max	2.760	2.761	0.262
	Average	2.676	2.734	0.058
	Min	2.470	2.713	-0.001
	Std Dev	0.056	0.012	0.055



	6.52_OL_2mA_EN1/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.741	2.726	2.731	2.716	2.720	2.718	2.727	2.726	2.713	2.715	2.716
Average	2.749	2.732	2.737	2.732	2.731	2.727	2.739	2.733	2.736	2.729	2.733
Max	2.759	2.738	2.748	2.753	2.743	2.756	2.761	2.738	2.753	2.736	2.740
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

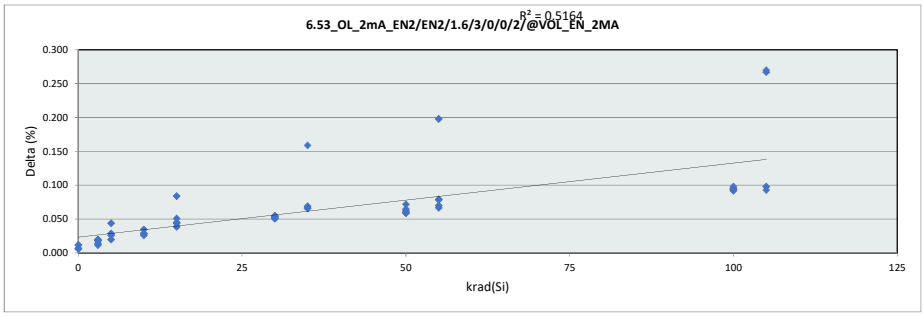


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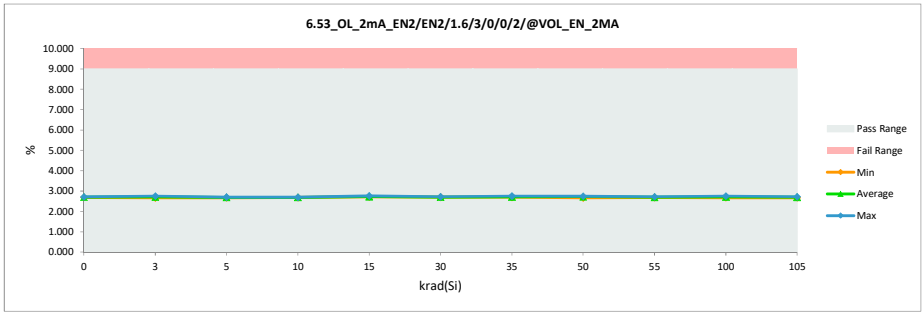
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.53_OL_2mA_EN2/EN2/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.703	2.709	0.006
0	14	2.709	2.716	0.007
0	15	2.677	2.689	0.012
3	20	2.740	2.752	0.012
3	21	2.690	2.704	0.014
3	22	2.650	2.668	0.018
3	23	2.671	2.690	0.019
3	24	2.721	2.741	0.020
5	25	2.665	2.685	0.020
5	26	2.664	2.690	0.026
5	27	2.659	2.703	0.044
5	28	2.642	2.671	0.029
5	29	2.666	2.694	0.028
10	30	2.661	2.690	0.029
10	31	2.662	2.688	0.026
10	32	2.670	2.698	0.028
10	33	2.651	2.680	0.029
10	34	2.654	2.689	0.035
15	35	2.700	2.739	0.039
15	36	2.648	2.732	0.084
15	37	2.710	2.761	0.051
15	38	2.673	2.718	0.045
15	39	2.666	2.710	0.044
30	40	2.642	2.697	0.055
30	41	2.664	2.718	0.054
30	42	2.644	2.695	0.051
30	43	2.661	2.712	0.051
30	44	2.660	2.713	0.053
35	45	2.633	2.701	0.068
35	46	2.556	2.715	0.159
35	47	2.648	2.714	0.066
35	48	2.629	2.695	0.066
35	49	2.687	2.756	0.069
50	50	2.662	2.721	0.059
50	51	2.608	2.667	0.059
50	52	2.676	2.738	0.062
50	53	2.652	2.717	0.065
50	54	2.674	2.746	0.072
55	55	2.648	2.718	0.070
55	56	2.503	2.701	0.198
55	57	2.615	2.682	0.067
55	58	2.623	2.702	0.079
55	59	2.622	2.701	0.079
100	60	2.587	2.681	0.094
100	61	2.613	2.711	0.098
100	62	2.660	2.755	0.095
100	63	2.582	2.674	0.092
100	64	2.657	2.752	0.095
105	65	2.578	2.671	0.093
105	66	2.621	2.719	0.098
105	67	2.419	2.686	0.267
105	68	2.439	2.709	0.270
105	69	2.597	2.695	0.098
	Max	2.740	2.761	0.270
	Average	2.642	2.707	0.065
	Min	2.419	2.667	0.006
	Std Dev	0.059	0.024	0.055



	6.53_OL_2mA_EN2/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.689	2.668	2.671	2.680	2.710	2.695	2.695	2.667	2.682	2.674	2.671
Average	2.705	2.711	2.689	2.689	2.732	2.707	2.716	2.718	2.701	2.715	2.696
Max	2.716	2.752	2.703	2.698	2.761	2.718	2.756	2.746	2.718	2.755	2.719
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

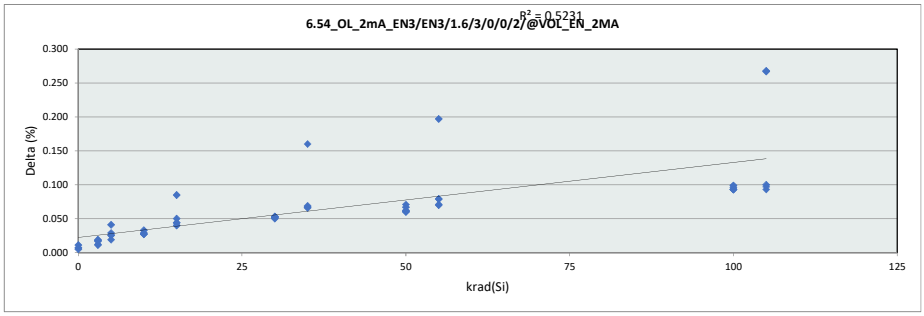


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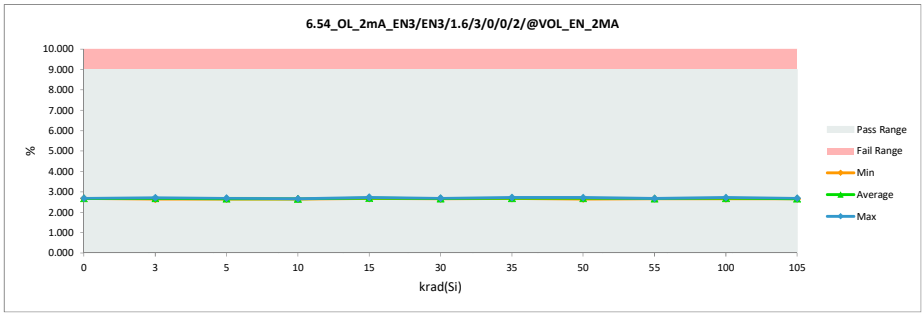
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.54_OL_2mA_EN3/EN3/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.667	2.672	0.005
0	14	2.677	2.684	0.007
0	15	2.665	2.676	0.011
3	20	2.698	2.709	0.011
3	21	2.658	2.670	0.012
3	22	2.618	2.636	0.018
3	23	2.654	2.671	0.017
3	24	2.690	2.709	0.019
5	25	2.643	2.662	0.019
5	26	2.629	2.654	0.025
5	27	2.621	2.662	0.041
5	28	2.621	2.647	0.026
5	29	2.654	2.683	0.029
10	30	2.630	2.658	0.028
10	31	2.635	2.662	0.027
10	32	2.624	2.651	0.027
10	33	2.625	2.654	0.029
10	34	2.611	2.644	0.033
15	35	2.661	2.701	0.040
15	36	2.609	2.694	0.085
15	37	2.674	2.724	0.050
15	38	2.628	2.672	0.044
15	39	2.636	2.680	0.044
30	40	2.615	2.668	0.053
30	41	2.631	2.684	0.053
30	42	2.600	2.652	0.052
30	43	2.617	2.667	0.050
30	44	2.633	2.685	0.052
35	45	2.600	2.668	0.068
35	46	2.520	2.680	0.160
35	47	2.610	2.677	0.067
35	48	2.599	2.665	0.066
35	49	2.652	2.721	0.069
50	50	2.621	2.681	0.060
50	51	2.583	2.644	0.061
50	52	2.640	2.702	0.062
50	53	2.618	2.685	0.067
50	54	2.645	2.716	0.071
55	55	2.609	2.679	0.070
55	56	2.475	2.672	0.197
55	57	2.586	2.657	0.071
55	58	2.588	2.667	0.079
55	59	2.586	2.665	0.079
100	60	2.558	2.651	0.093
100	61	2.579	2.678	0.099
100	62	2.616	2.709	0.093
100	63	2.570	2.663	0.093
100	64	2.619	2.715	0.096
105	65	2.556	2.649	0.093
105	66	2.588	2.688	0.100
105	67	2.395	2.663	0.268
105	68	2.390	2.657	0.267
105	69	2.560	2.657	0.097
	Max	2.698	2.724	0.268
	Average	2.609	2.674	0.065
	Min	2.390	2.636	0.005
	Std Dev	0.059	0.021	0.055



	6.54_OL_2mA_EN3/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.672	2.636	2.647	2.644	2.672	2.652	2.665	2.644	2.657	2.651	2.649
Average	2.677	2.679	2.662	2.654	2.694	2.671	2.682	2.686	2.668	2.683	2.663
Max	2.684	2.709	2.683	2.662	2.724	2.685	2.721	2.716	2.679	2.715	2.688
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

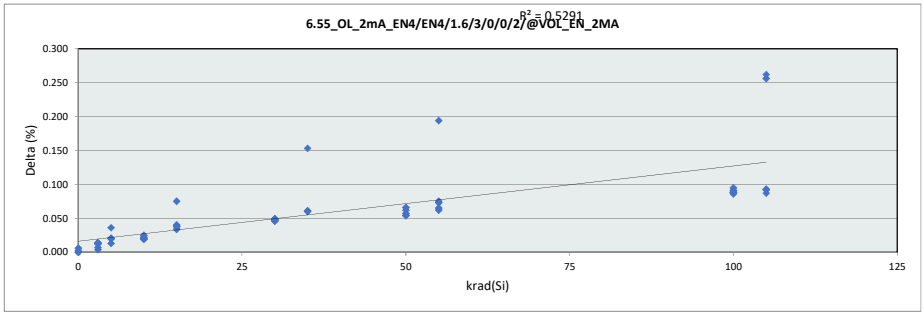


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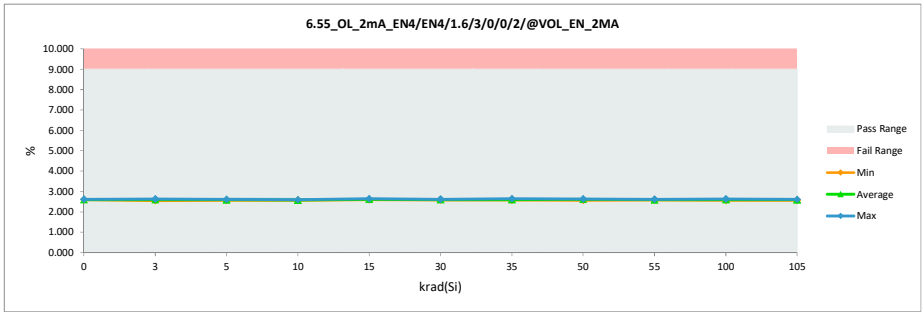
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.55_OL_2mA_EN4/EN4/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.592	2.592	0.000
0	14	2.616	2.618	0.002
0	15	2.592	2.598	0.006
3	20	2.632	2.636	0.004
3	21	2.583	2.590	0.007
3	22	2.539	2.551	0.012
3	23	2.581	2.594	0.013
3	24	2.615	2.629	0.014
5	25	2.584	2.597	0.013
5	26	2.571	2.591	0.020
5	27	2.545	2.581	0.036
5	28	2.550	2.570	0.020
5	29	2.587	2.608	0.021
10	30	2.562	2.583	0.021
10	31	2.577	2.597	0.020
10	32	2.546	2.565	0.019
10	33	2.556	2.578	0.022
10	34	2.540	2.565	0.025
15	35	2.584	2.618	0.034
15	36	2.566	2.641	0.075
15	37	2.604	2.644	0.040
15	38	2.559	2.597	0.038
15	39	2.555	2.593	0.038
30	40	2.536	2.585	0.049
30	41	2.557	2.606	0.049
30	42	2.548	2.594	0.046
30	43	2.550	2.597	0.047
30	44	2.567	2.614	0.047
35	45	2.513	2.573	0.060
35	46	2.462	2.615	0.153
35	47	2.533	2.594	0.061
35	48	2.530	2.591	0.061
35	49	2.581	2.641	0.060
50	50	2.554	2.608	0.054
50	51	2.505	2.559	0.054
50	52	2.574	2.631	0.057
50	53	2.543	2.605	0.062
50	54	2.569	2.635	0.066
55	55	2.555	2.620	0.065
55	56	2.398	2.592	0.194
55	57	2.520	2.582	0.062
55	58	2.524	2.599	0.075
55	59	2.512	2.585	0.073
100	60	2.485	2.573	0.088
100	61	2.517	2.612	0.095
100	62	2.542	2.630	0.088
100	63	2.476	2.562	0.086
100	64	2.542	2.633	0.091
105	65	2.483	2.570	0.087
105	66	2.516	2.609	0.093
105	67	2.331	2.593	0.262
105	68	2.328	2.584	0.256
105	69	2.504	2.596	0.092
	Max	2.632	2.644	0.262
	Average	2.539	2.599	0.059
	Min	2.328	2.551	0.000
	Std Dev	0.059	0.023	0.054



	6.55_OL_2mA_EN4/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.592	2.551	2.570	2.565	2.593	2.585	2.573	2.559	2.582	2.562	2.570
Average	2.603	2.600	2.589	2.578	2.619	2.599	2.603	2.608	2.596	2.602	2.590
Max	2.618	2.636	2.608	2.597	2.644	2.614	2.641	2.635	2.620	2.633	2.609
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

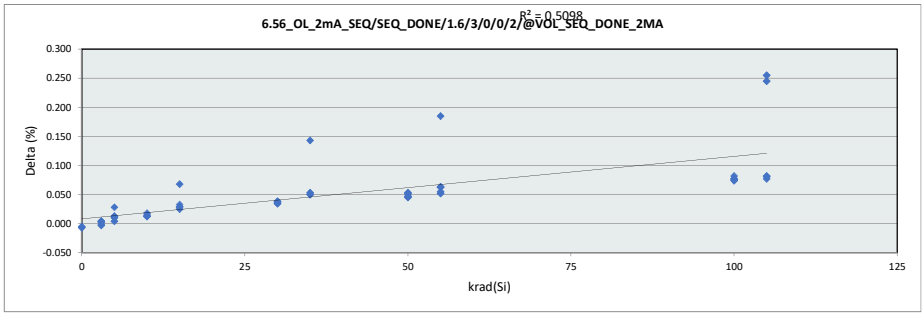


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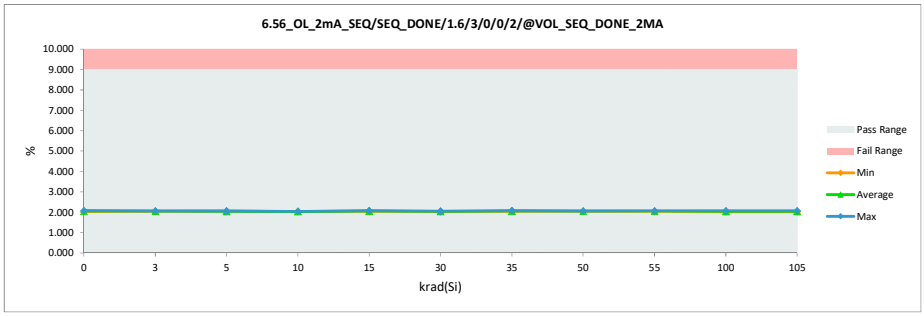
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.56_OL_2mA_SEQ/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.054	2.047	-0.007
0	14	2.087	2.081	-0.006
0	15	2.034	2.029	-0.005
3	20	2.065	2.062	-0.003
3	21	2.049	2.048	-0.001
3	22	2.031	2.035	0.004
3	23	2.042	2.044	0.002
3	24	2.061	2.065	0.004
5	25	2.029	2.033	0.004
5	26	2.027	2.037	0.010
5	27	2.031	2.059	0.028
5	28	2.022	2.035	0.013
5	29	2.029	2.041	0.012
10	30	2.016	2.031	0.015
10	31	2.025	2.037	0.012
10	32	2.017	2.030	0.013
10	33	2.028	2.041	0.013
10	34	2.013	2.031	0.018
15	35	2.028	2.053	0.025
15	36	2.010	2.078	0.068
15	37	2.045	2.078	0.033
15	38	2.006	2.035	0.029
15	39	2.007	2.036	0.029
30	40	2.005	2.043	0.038
30	41	2.018	2.056	0.038
30	42	1.992	2.026	0.034
30	43	1.992	2.027	0.035
30	44	2.010	2.046	0.036
35	45	2.007	2.060	0.053
35	46	1.932	2.075	0.143
35	47	1.989	2.039	0.050
35	48	1.994	2.044	0.050
35	49	2.006	2.056	0.050
50	50	2.006	2.051	0.045
50	51	1.987	2.033	0.046
50	52	2.015	2.062	0.047
50	53	2.010	2.061	0.051
50	54	2.001	2.054	0.053
55	55	1.994	2.049	0.055
55	56	1.888	2.073	0.185
55	57	1.984	2.036	0.052
55	58	1.987	2.050	0.063
55	59	1.980	2.043	0.063
100	60	1.952	2.028	0.076
100	61	1.963	2.045	0.082
100	62	1.985	2.062	0.077
100	63	1.953	2.027	0.074
100	64	1.990	2.067	0.077
105	65	1.954	2.031	0.077
105	66	1.955	2.036	0.081
105	67	1.806	2.061	0.255
105	68	1.780	2.025	0.245
105	69	1.985	2.067	0.082
	Max	2.087	2.081	0.255
	Average	1.998	2.047	0.049
	Min	1.780	2.025	-0.007
	Std Dev	0.054	0.015	0.054



	6.56_OL_2mA_SEQ/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.029	2.035	2.033	2.030	2.035	2.026	2.039	2.033	2.036	2.027	2.025
Average	2.052	2.051	2.041	2.034	2.056	2.040	2.055	2.052	2.050	2.046	2.044
Max	2.081	2.065	2.059	2.041	2.078	2.056	2.075	2.062	2.073	2.067	2.067
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

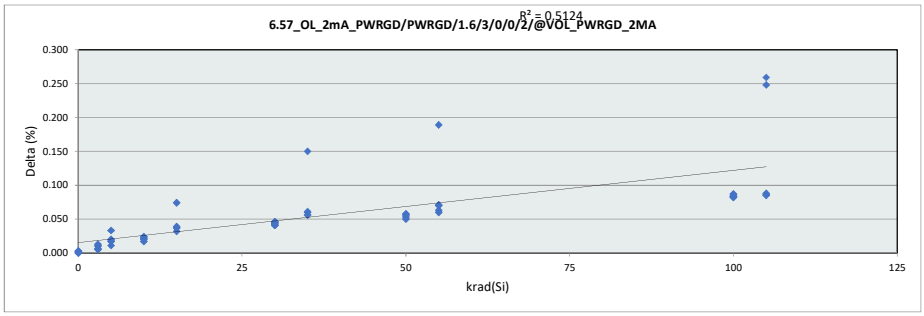


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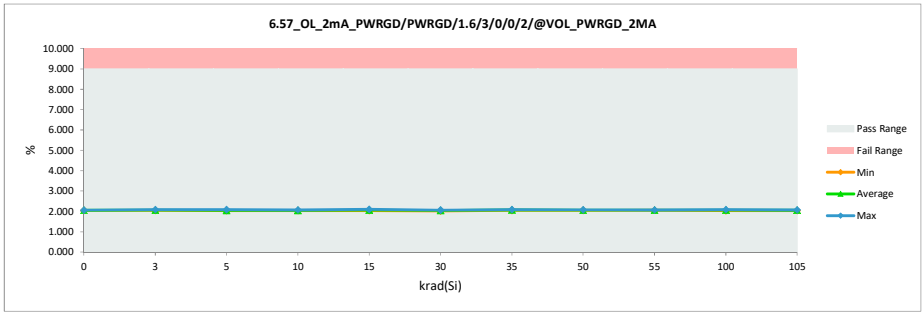
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.57_OL_2mA_PWRGD/PW	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.062	2.062	0.000
0	14	2.064	2.066	0.002
0	15	2.043	2.046	0.003
3	20	2.082	2.087	0.005
3	21	2.050	2.056	0.006
3	22	2.037	2.047	0.010
3	23	2.048	2.059	0.011
3	24	2.060	2.073	0.013
5	25	2.027	2.038	0.011
5	26	2.020	2.037	0.017
5	27	2.053	2.086	0.033
5	28	2.019	2.039	0.020
5	29	2.023	2.042	0.019
10	30	2.017	2.038	0.021
10	31	2.017	2.034	0.017
10	32	2.029	2.049	0.020
10	33	2.045	2.067	0.022
10	34	2.016	2.040	0.024
15	35	2.037	2.069	0.032
15	36	1.993	2.067	0.074
15	37	2.060	2.099	0.039
15	38	2.020	2.057	0.037
15	39	2.002	2.039	0.037
30	40	2.017	2.063	0.046
30	41	2.015	2.061	0.046
30	42	1.984	2.025	0.041
30	43	1.993	2.034	0.041
30	44	2.009	2.053	0.044
35	45	2.017	2.077	0.060
35	46	1.939	2.089	0.150
35	47	2.001	2.057	0.056
35	48	1.991	2.047	0.056
35	49	2.016	2.077	0.061
50	50	2.007	2.057	0.050
50	51	2.001	2.054	0.053
50	52	2.024	2.079	0.055
50	53	2.004	2.061	0.057
50	54	1.992	2.050	0.058
55	55	1.999	2.062	0.063
55	56	1.884	2.073	0.189
55	57	1.992	2.052	0.060
55	58	1.989	2.060	0.071
55	59	1.991	2.061	0.070
100	60	1.950	2.032	0.082
100	61	1.959	2.046	0.087
100	62	1.998	2.081	0.083
100	63	1.965	2.048	0.083
100	64	2.005	2.089	0.084
105	65	1.959	2.044	0.085
105	66	1.959	2.046	0.087
105	67	1.815	2.074	0.259
105	68	1.787	2.035	0.248
105	69	1.978	2.066	0.088
	Max	2.082	2.099	0.259
	Average	2.001	2.058	0.056
	Min	1.787	2.025	0.000
	Std Dev	0.053	0.017	0.053



	6.57_OL_2mA_PWRGD/F										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.046	2.047	2.037	2.034	2.039	2.025	2.047	2.050	2.052	2.032	2.035
Average	2.058	2.064	2.048	2.046	2.066	2.047	2.069	2.060	2.062	2.059	2.053
Max	2.066	2.087	2.086	2.067	2.099	2.063	2.089	2.079	2.073	2.089	2.074
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

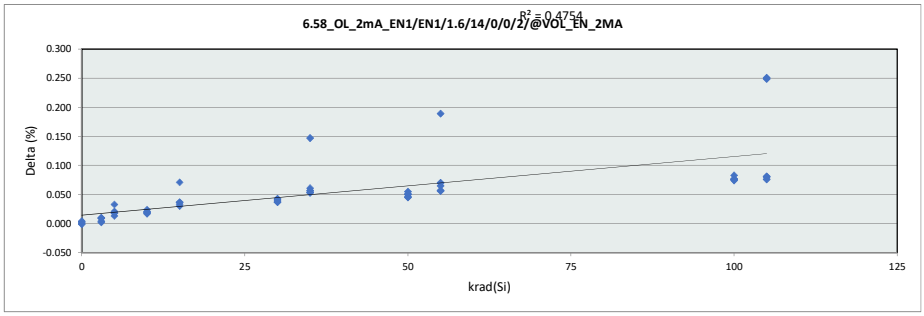


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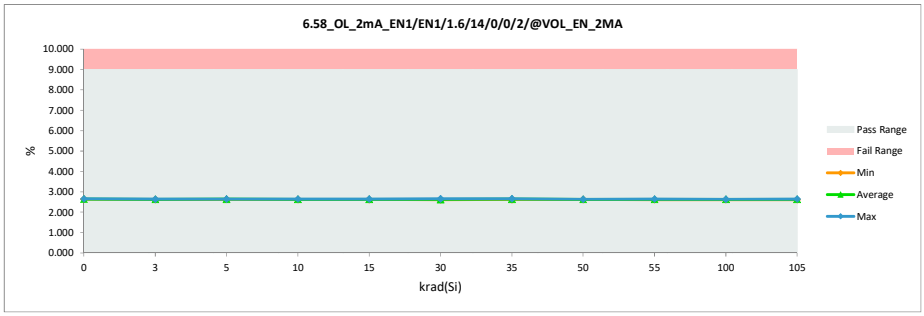
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.58_OL_2mA_EN1/EN1/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.657	2.656	-0.001
0	14	2.645	2.646	0.001
0	15	2.633	2.637	0.004
3	20	2.624	2.626	0.002
3	21	2.632	2.636	0.004
3	22	2.613	2.622	0.009
3	23	2.623	2.632	0.009
3	24	2.614	2.624	0.010
5	25	2.621	2.634	0.013
5	26	2.625	2.643	0.018
5	27	2.602	2.635	0.033
5	28	2.613	2.631	0.018
5	29	2.611	2.632	0.021
10	30	2.630	2.650	0.020
10	31	2.603	2.621	0.018
10	32	2.605	2.622	0.017
10	33	2.621	2.641	0.020
10	34	2.603	2.627	0.024
15	35	2.606	2.636	0.030
15	36	2.557	2.628	0.071
15	37	2.588	2.624	0.036
15	38	2.587	2.620	0.033
15	39	2.610	2.647	0.037
30	40	2.578	2.618	0.040
30	41	2.572	2.615	0.043
30	42	2.582	2.619	0.037
30	43	2.582	2.619	0.037
30	44	2.612	2.654	0.042
35	45	2.583	2.644	0.061
35	46	2.489	2.636	0.147
35	47	2.577	2.631	0.054
35	48	2.604	2.661	0.057
35	49	2.571	2.624	0.053
50	50	2.576	2.621	0.045
50	51	2.577	2.627	0.050
50	52	2.589	2.635	0.046
50	53	2.583	2.634	0.051
50	54	2.575	2.630	0.055
55	55	2.568	2.624	0.056
55	56	2.455	2.644	0.189
55	57	2.557	2.614	0.057
55	58	2.578	2.648	0.070
55	59	2.567	2.632	0.065
100	60	2.554	2.630	0.076
100	61	2.543	2.626	0.083
100	62	2.558	2.632	0.074
100	63	2.536	2.612	0.076
100	64	2.558	2.635	0.077
105	65	2.536	2.612	0.076
105	66	2.563	2.644	0.081
105	67	2.379	2.630	0.251
105	68	2.393	2.642	0.249
105	69	2.551	2.631	0.080
	Max	2.657	2.661	0.251
	Average	2.579	2.632	0.053
	Min	2.379	2.612	-0.001
	Std Dev	0.053	0.011	0.052



	6.58_OL_2mA_EN1/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.637	2.622	2.631	2.621	2.620	2.615	2.624	2.621	2.614	2.612	2.612
Average	2.646	2.628	2.635	2.632	2.631	2.625	2.639	2.629	2.632	2.627	2.632
Max	2.656	2.636	2.643	2.650	2.647	2.654	2.661	2.635	2.648	2.635	2.644
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

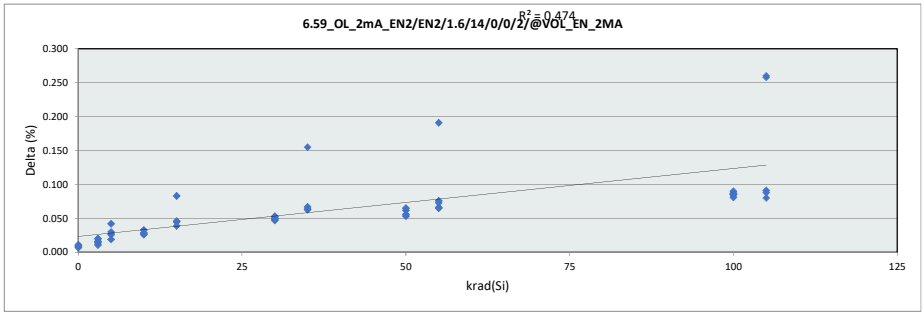


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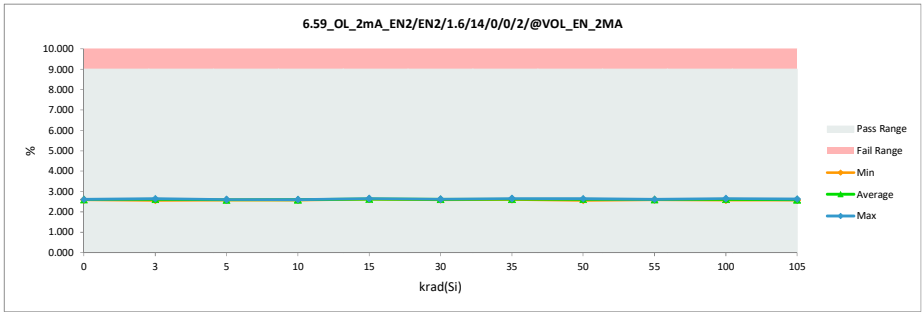
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.59_OL_2mA_EN2/EN2/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.603	2.610	0.007
0	14	2.607	2.616	0.009
0	15	2.581	2.592	0.011
3	20	2.637	2.648	0.011
3	21	2.592	2.606	0.014
3	22	2.549	2.565	0.016
3	23	2.571	2.591	0.020
3	24	2.615	2.635	0.020
5	25	2.566	2.585	0.019
5	26	2.564	2.590	0.026
5	27	2.565	2.607	0.042
5	28	2.550	2.577	0.027
5	29	2.564	2.594	0.030
10	30	2.565	2.594	0.029
10	31	2.567	2.593	0.026
10	32	2.576	2.603	0.027
10	33	2.553	2.580	0.027
10	34	2.559	2.592	0.033
15	35	2.598	2.637	0.039
15	36	2.547	2.630	0.083
15	37	2.609	2.655	0.046
15	38	2.576	2.621	0.045
15	39	2.574	2.619	0.045
30	40	2.550	2.602	0.052
30	41	2.562	2.615	0.053
30	42	2.550	2.597	0.047
30	43	2.568	2.617	0.049
30	44	2.567	2.617	0.050
35	45	2.534	2.601	0.067
35	46	2.464	2.619	0.155
35	47	2.554	2.618	0.064
35	48	2.541	2.604	0.063
35	49	2.587	2.650	0.063
50	50	2.563	2.619	0.056
50	51	2.514	2.567	0.053
50	52	2.579	2.634	0.055
50	53	2.558	2.620	0.062
50	54	2.577	2.642	0.065
55	55	2.550	2.616	0.066
55	56	2.405	2.596	0.191
55	57	2.526	2.591	0.065
55	58	2.525	2.601	0.076
55	59	2.530	2.603	0.073
100	60	2.497	2.582	0.085
100	61	2.519	2.609	0.090
100	62	2.568	2.655	0.087
100	63	2.491	2.572	0.081
100	64	2.563	2.649	0.086
105	65	2.489	2.569	0.080
105	66	2.538	2.629	0.091
105	67	2.331	2.589	0.258
105	68	2.354	2.614	0.260
105	69	2.501	2.589	0.088
	Max	2.637	2.655	0.260
	Average	2.546	2.608	0.062
	Min	2.331	2.565	0.007
	Std Dev	0.056	0.023	0.052



	6.59_OL_2mA_EN2/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.592	2.565	2.577	2.580	2.619	2.597	2.601	2.567	2.591	2.572	2.569
Average	2.606	2.609	2.591	2.592	2.632	2.610	2.618	2.616	2.601	2.613	2.598
Max	2.616	2.648	2.607	2.603	2.655	2.617	2.650	2.642	2.616	2.655	2.629
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

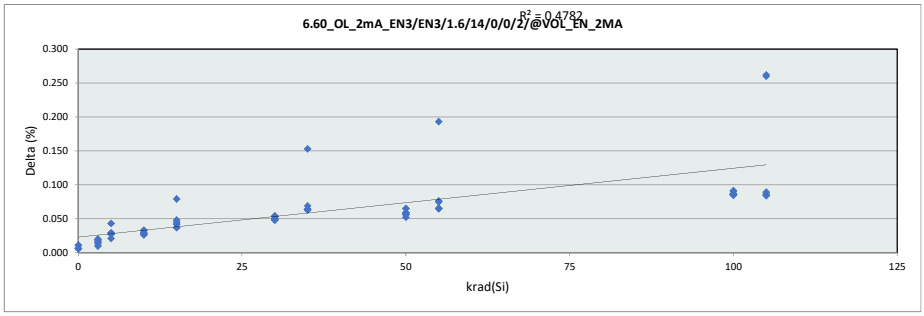


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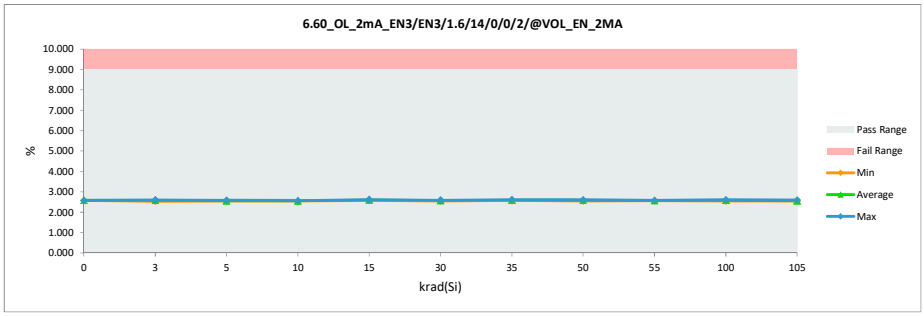
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.60_OL_2mA_EN3/EN3/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.566	2.572	0.006
0	14	2.575	2.581	0.006
0	15	2.566	2.577	0.011
3	20	2.595	2.605	0.010
3	21	2.559	2.573	0.014
3	22	2.517	2.537	0.020
3	23	2.552	2.571	0.019
3	24	2.582	2.599	0.017
5	25	2.544	2.565	0.021
5	26	2.529	2.556	0.027
5	27	2.525	2.568	0.043
5	28	2.527	2.556	0.029
5	29	2.550	2.579	0.029
10	30	2.534	2.562	0.028
10	31	2.539	2.565	0.026
10	32	2.531	2.558	0.027
10	33	2.525	2.555	0.030
10	34	2.517	2.550	0.033
15	35	2.559	2.596	0.037
15	36	2.508	2.587	0.079
15	37	2.572	2.620	0.048
15	38	2.531	2.576	0.045
15	39	2.544	2.586	0.042
30	40	2.520	2.574	0.054
30	41	2.528	2.581	0.053
30	42	2.507	2.556	0.049
30	43	2.525	2.575	0.050
30	44	2.538	2.586	0.048
35	45	2.501	2.570	0.069
35	46	2.429	2.582	0.153
35	47	2.516	2.579	0.063
35	48	2.511	2.575	0.064
35	49	2.552	2.615	0.063
50	50	2.523	2.579	0.056
50	51	2.487	2.544	0.057
50	52	2.543	2.595	0.052
50	53	2.526	2.585	0.059
50	54	2.546	2.611	0.065
55	55	2.513	2.578	0.065
55	56	2.375	2.568	0.193
55	57	2.497	2.562	0.065
55	58	2.491	2.567	0.076
55	59	2.494	2.569	0.075
100	60	2.468	2.555	0.087
100	61	2.485	2.576	0.091
100	62	2.524	2.610	0.086
100	63	2.476	2.561	0.085
100	64	2.524	2.610	0.086
105	65	2.465	2.549	0.084
105	66	2.505	2.594	0.089
105	67	2.304	2.566	0.262
105	68	2.305	2.565	0.260
105	69	2.465	2.551	0.086
	Max	2.595	2.620	0.262
	Average	2.513	2.575	0.062
	Min	2.304	2.537	0.006
	Std Dev	0.056	0.019	0.052



	6.60_OL_2mA_EN3/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.572	2.537	2.556	2.550	2.576	2.556	2.570	2.544	2.562	2.555	2.549
Average	2.577	2.577	2.565	2.558	2.593	2.574	2.584	2.583	2.569	2.582	2.565
Max	2.581	2.605	2.579	2.565	2.620	2.586	2.615	2.611	2.578	2.610	2.594
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

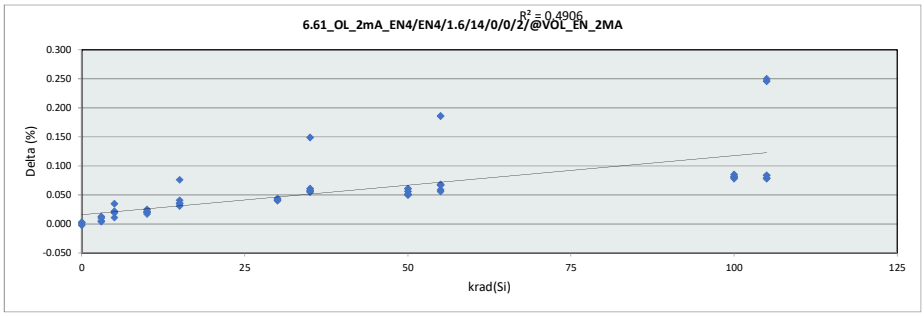


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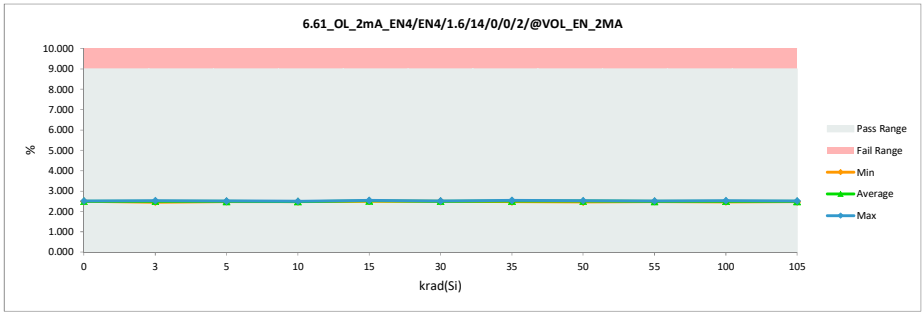
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.61_OL_2mA_EN4/EN4/1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.493	2.491	-0.002
0	14	2.514	2.516	0.002
0	15	2.494	2.497	0.003
3	20	2.530	2.534	0.004
3	21	2.484	2.489	0.005
3	22	2.439	2.452	0.013
3	23	2.480	2.490	0.010
3	24	2.510	2.522	0.012
5	25	2.484	2.495	0.011
5	26	2.470	2.489	0.019
5	27	2.450	2.485	0.035
5	28	2.457	2.479	0.022
5	29	2.483	2.504	0.021
10	30	2.465	2.485	0.020
10	31	2.480	2.497	0.017
10	32	2.453	2.473	0.020
10	33	2.456	2.478	0.022
10	34	2.446	2.471	0.025
15	35	2.484	2.515	0.031
15	36	2.462	2.538	0.076
15	37	2.502	2.543	0.041
15	38	2.462	2.497	0.035
15	39	2.464	2.500	0.036
30	40	2.445	2.488	0.043
30	41	2.456	2.500	0.044
30	42	2.453	2.493	0.040
30	43	2.456	2.497	0.041
30	44	2.472	2.515	0.043
35	45	2.416	2.477	0.061
35	46	2.367	2.516	0.149
35	47	2.440	2.496	0.056
35	48	2.442	2.497	0.055
35	49	2.481	2.539	0.058
50	50	2.456	2.507	0.051
50	51	2.410	2.460	0.050
50	52	2.478	2.529	0.051
50	53	2.451	2.507	0.056
50	54	2.471	2.532	0.061
55	55	2.458	2.517	0.059
55	56	2.300	2.486	0.186
55	57	2.431	2.487	0.056
55	58	2.427	2.495	0.068
55	59	2.420	2.487	0.067
100	60	2.395	2.476	0.081
100	61	2.423	2.508	0.085
100	62	2.451	2.531	0.080
100	63	2.385	2.463	0.078
100	64	2.449	2.531	0.082
105	65	2.393	2.471	0.078
105	66	2.434	2.518	0.084
105	67	2.241	2.491	0.250
105	68	2.243	2.489	0.246
105	69	2.407	2.486	0.079
	Max	2.530	2.543	0.250
	Average	2.444	2.499	0.055
	Min	2.241	2.452	-0.002
	Std Dev	0.056	0.021	0.052



	6.61_OL_2mA_EN4/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.491	2.452	2.479	2.471	2.497	2.488	2.477	2.460	2.486	2.463	2.471
Average	2.501	2.497	2.490	2.481	2.519	2.499	2.505	2.507	2.494	2.502	2.491
Max	2.516	2.534	2.504	2.497	2.543	2.515	2.539	2.532	2.517	2.531	2.518
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

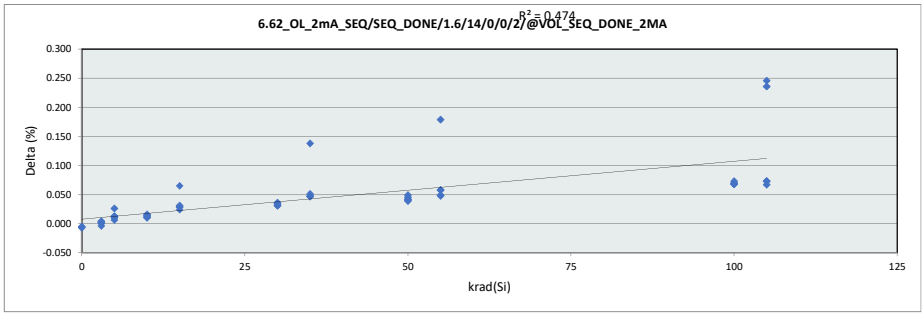


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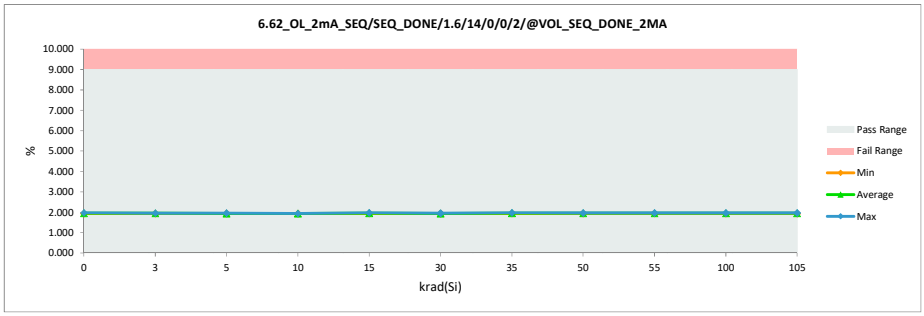
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.62_OL_2mA_SEQ/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.955	1.949	-0.006
0	14	1.983	1.976	-0.007
0	15	1.939	1.934	-0.005
3	20	1.963	1.959	-0.004
3	21	1.951	1.951	0.000
3	22	1.929	1.932	0.003
3	23	1.942	1.944	0.002
3	24	1.955	1.959	0.004
5	25	1.930	1.936	0.006
5	26	1.926	1.936	0.010
5	27	1.933	1.959	0.026
5	28	1.928	1.941	0.013
5	29	1.928	1.940	0.012
10	30	1.921	1.935	0.014
10	31	1.929	1.939	0.010
10	32	1.923	1.935	0.012
10	33	1.928	1.939	0.011
10	34	1.918	1.934	0.016
15	35	1.928	1.952	0.024
15	36	1.907	1.972	0.065
15	37	1.945	1.976	0.031
15	38	1.910	1.938	0.028
15	39	1.915	1.944	0.029
30	40	1.912	1.948	0.036
30	41	1.916	1.950	0.034
30	42	1.897	1.928	0.031
30	43	1.899	1.930	0.031
30	44	1.917	1.951	0.034
35	45	1.907	1.958	0.051
35	46	1.838	1.976	0.138
35	47	1.895	1.942	0.047
35	48	1.905	1.952	0.047
35	49	1.909	1.956	0.047
50	50	1.908	1.949	0.041
50	51	1.892	1.934	0.042
50	52	1.921	1.960	0.039
50	53	1.918	1.963	0.045
50	54	1.904	1.953	0.049
55	55	1.900	1.949	0.049
55	56	1.786	1.965	0.179
55	57	1.893	1.941	0.048
55	58	1.891	1.949	0.058
55	59	1.888	1.946	0.058
100	60	1.860	1.930	0.070
100	61	1.870	1.943	0.073
100	62	1.894	1.963	0.069
100	63	1.862	1.930	0.068
100	64	1.898	1.966	0.068
105	65	1.863	1.930	0.067
105	66	1.874	1.947	0.073
105	67	1.714	1.960	0.246
105	68	1.697	1.933	0.236
105	69	1.886	1.959	0.073
	Max	1.983	1.976	0.246
	Average	1.902	1.948	0.046
	Min	1.697	1.928	-0.007
	Std Dev	0.051	0.013	0.052



	6.62_OL_2mA_SEQ/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.934	1.932	1.936	1.934	1.938	1.928	1.942	1.934	1.941	1.930	1.930
Average	1.953	1.949	1.942	1.936	1.956	1.941	1.957	1.952	1.950	1.946	1.946
Max	1.976	1.959	1.959	1.939	1.976	1.951	1.976	1.963	1.965	1.966	1.960
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

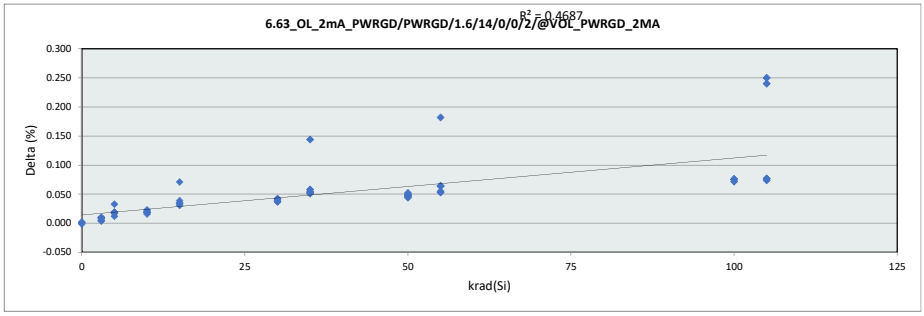


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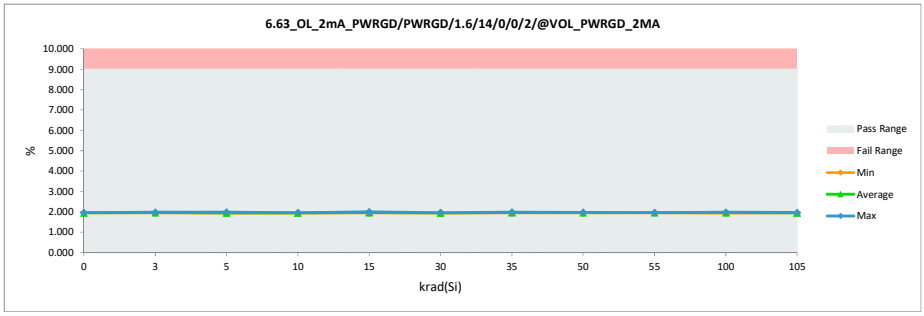
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.63_OL_2mA_PWRGD/PW	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.962	1.961	-0.001
0	14	1.963	1.964	0.001
0	15	1.947	1.949	0.002
3	20	1.980	1.985	0.005
3	21	1.953	1.957	0.004
3	22	1.935	1.945	0.010
3	23	1.947	1.955	0.008
3	24	1.956	1.966	0.010
5	25	1.929	1.941	0.012
5	26	1.923	1.940	0.017
5	27	1.952	1.985	0.033
5	28	1.926	1.945	0.019
5	29	1.924	1.943	0.019
10	30	1.923	1.942	0.019
10	31	1.921	1.940	0.019
10	32	1.935	1.951	0.016
10	33	1.945	1.964	0.019
10	34	1.921	1.944	0.023
15	35	1.938	1.969	0.031
15	36	1.894	1.965	0.071
15	37	1.959	1.998	0.039
15	38	1.923	1.957	0.034
15	39	1.912	1.947	0.035
30	40	1.923	1.965	0.042
30	41	1.915	1.957	0.042
30	42	1.892	1.929	0.037
30	43	1.902	1.939	0.037
30	44	1.917	1.956	0.039
35	45	1.918	1.976	0.058
35	46	1.846	1.990	0.144
35	47	1.907	1.958	0.051
35	48	1.903	1.956	0.053
35	49	1.920	1.974	0.054
50	50	1.911	1.955	0.044
50	51	1.905	1.953	0.048
50	52	1.931	1.977	0.046
50	53	1.914	1.963	0.049
50	54	1.898	1.950	0.052
55	55	1.905	1.960	0.055
55	56	1.783	1.965	0.182
55	57	1.902	1.955	0.053
55	58	1.894	1.958	0.064
55	59	1.898	1.962	0.064
100	60	1.860	1.936	0.076
100	61	1.869	1.945	0.076
100	62	1.908	1.983	0.075
100	63	1.875	1.947	0.072
100	64	1.913	1.989	0.076
105	65	1.869	1.943	0.074
105	66	1.879	1.956	0.077
105	67	1.723	1.973	0.250
105	68	1.703	1.943	0.240
105	69	1.882	1.959	0.077
	Max	1.980	1.998	0.250
	Average	1.906	1.958	0.052
	Min	1.703	1.929	-0.001
	Std Dev	0.051	0.015	0.051



	6.63_OL_2mA_PWRGD/F										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.949	1.945	1.940	1.940	1.947	1.929	1.956	1.950	1.955	1.936	1.943
Average	1.958	1.962	1.951	1.948	1.967	1.949	1.971	1.960	1.960	1.960	1.955
Max	1.964	1.985	1.985	1.964	1.998	1.965	1.990	1.977	1.965	1.989	1.973
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

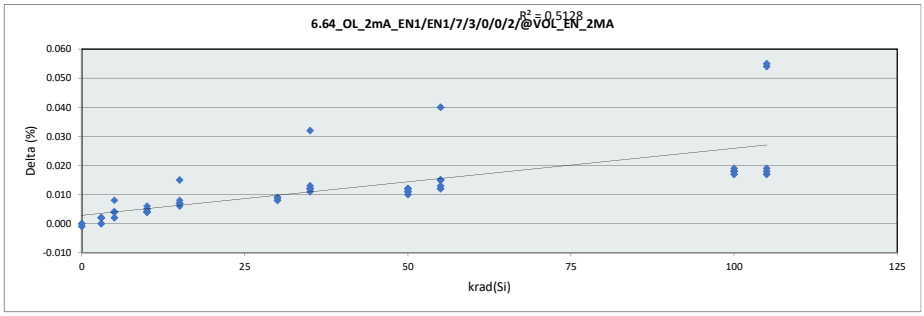


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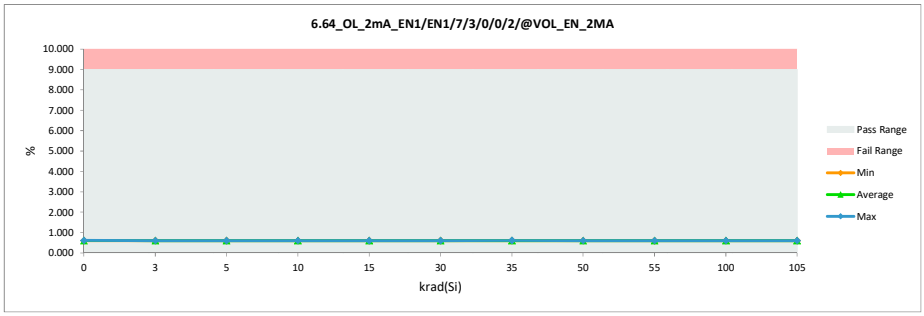
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.64_OL_2mA_EN1/EN1/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.612	0.611	-0.001
0	14	0.609	0.609	0.000
0	15	0.607	0.607	0.000
3	20	0.604	0.604	0.000
3	21	0.606	0.606	0.000
3	22	0.603	0.605	0.002
3	23	0.605	0.607	0.002
3	24	0.603	0.605	0.002
5	25	0.604	0.606	0.002
5	26	0.605	0.609	0.004
5	27	0.598	0.606	0.008
5	28	0.602	0.606	0.004
5	29	0.603	0.607	0.004
10	30	0.606	0.610	0.004
10	31	0.599	0.603	0.004
10	32	0.599	0.603	0.004
10	33	0.604	0.609	0.005
10	34	0.599	0.605	0.006
15	35	0.601	0.607	0.006
15	36	0.590	0.605	0.015
15	37	0.596	0.604	0.008
15	38	0.596	0.603	0.007
15	39	0.601	0.608	0.007
30	40	0.594	0.603	0.009
30	41	0.594	0.603	0.009
30	42	0.595	0.603	0.008
30	43	0.594	0.603	0.009
30	44	0.602	0.610	0.008
35	45	0.596	0.608	0.012
35	46	0.574	0.606	0.032
35	47	0.593	0.605	0.012
35	48	0.599	0.612	0.013
35	49	0.593	0.604	0.011
50	50	0.594	0.604	0.010
50	51	0.594	0.605	0.011
50	52	0.596	0.607	0.011
50	53	0.595	0.607	0.012
50	54	0.594	0.606	0.012
55	55	0.592	0.605	0.013
55	56	0.569	0.609	0.040
55	57	0.589	0.601	0.012
55	58	0.595	0.610	0.015
55	59	0.591	0.606	0.015
100	60	0.589	0.607	0.018
100	61	0.586	0.605	0.019
100	62	0.589	0.606	0.017
100	63	0.584	0.602	0.018
100	64	0.589	0.607	0.018
105	65	0.585	0.602	0.017
105	66	0.588	0.607	0.019
105	67	0.551	0.606	0.055
105	68	0.553	0.607	0.054
105	69	0.589	0.607	0.018
	Max	0.612	0.612	0.055
	Average	0.594	0.606	0.012
	Min	0.551	0.601	-0.001
	Std Dev	0.012	0.002	0.012



	6.64_OL_2mA_EN1/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.607	0.604	0.606	0.603	0.603	0.603	0.604	0.604	0.601	0.602	0.602
Average	0.609	0.605	0.607	0.606	0.605	0.604	0.607	0.606	0.606	0.605	0.606
Max	0.611	0.607	0.609	0.610	0.608	0.610	0.612	0.607	0.610	0.607	0.607
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

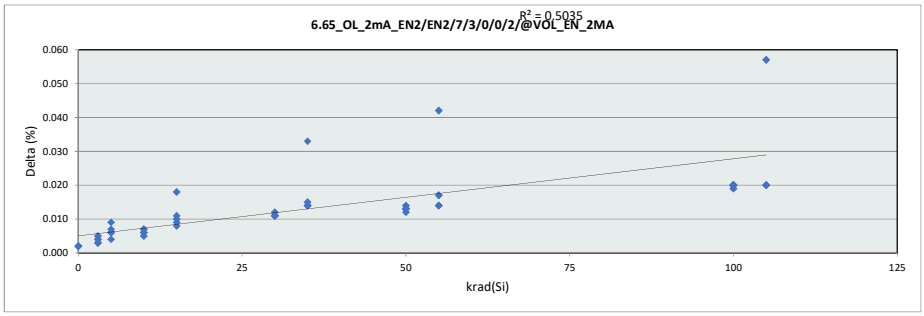


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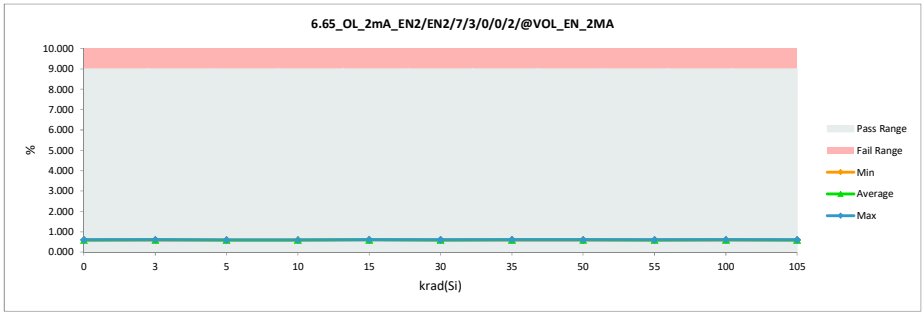
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.65_OL_2mA_EN2/EN2/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.600	0.602	0.002
0	14	0.601	0.603	0.002
0	15	0.595	0.597	0.002
3	20	0.608	0.611	0.003
3	21	0.597	0.600	0.003
3	22	0.589	0.593	0.004
3	23	0.593	0.598	0.005
3	24	0.605	0.609	0.004
5	25	0.592	0.596	0.004
5	26	0.592	0.598	0.006
5	27	0.591	0.600	0.009
5	28	0.587	0.593	0.006
5	29	0.592	0.599	0.007
10	30	0.591	0.598	0.007
10	31	0.592	0.597	0.005
10	32	0.594	0.600	0.006
10	33	0.589	0.595	0.006
10	34	0.590	0.597	0.007
15	35	0.600	0.608	0.008
15	36	0.589	0.607	0.018
15	37	0.602	0.613	0.011
15	38	0.594	0.604	0.010
15	39	0.593	0.602	0.009
30	40	0.587	0.599	0.012
30	41	0.592	0.603	0.011
30	42	0.588	0.599	0.011
30	43	0.591	0.602	0.011
30	44	0.591	0.602	0.011
35	45	0.585	0.600	0.015
35	46	0.570	0.603	0.033
35	47	0.589	0.603	0.014
35	48	0.585	0.599	0.014
35	49	0.597	0.611	0.014
50	50	0.592	0.604	0.012
50	51	0.580	0.593	0.013
50	52	0.595	0.608	0.013
50	53	0.590	0.603	0.013
50	54	0.595	0.609	0.014
55	55	0.589	0.603	0.014
55	56	0.558	0.600	0.042
55	57	0.582	0.596	0.014
55	58	0.583	0.600	0.017
55	59	0.583	0.600	0.017
100	60	0.576	0.596	0.020
100	61	0.582	0.602	0.020
100	62	0.592	0.612	0.020
100	63	0.575	0.594	0.019
100	64	0.591	0.611	0.020
105	65	0.574	0.594	0.020
105	66	0.583	0.603	0.020
105	67	0.540	0.597	0.057
105	68	0.545	0.602	0.057
105	69	0.578	0.598	0.020
	Max	0.608	0.613	0.057
	Average	0.587	0.601	0.014
	Min	0.540	0.593	0.002
	Std Dev	0.013	0.005	0.011



	6.65_OL_2mA_EN2/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.597	0.593	0.593	0.595	0.602	0.599	0.599	0.593	0.596	0.594	0.594
Average	0.601	0.602	0.597	0.597	0.607	0.601	0.603	0.603	0.600	0.603	0.599
Max	0.603	0.611	0.600	0.600	0.613	0.603	0.611	0.609	0.603	0.612	0.603
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

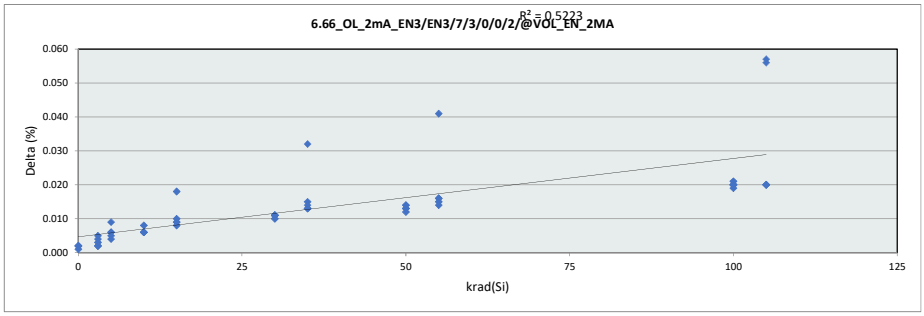


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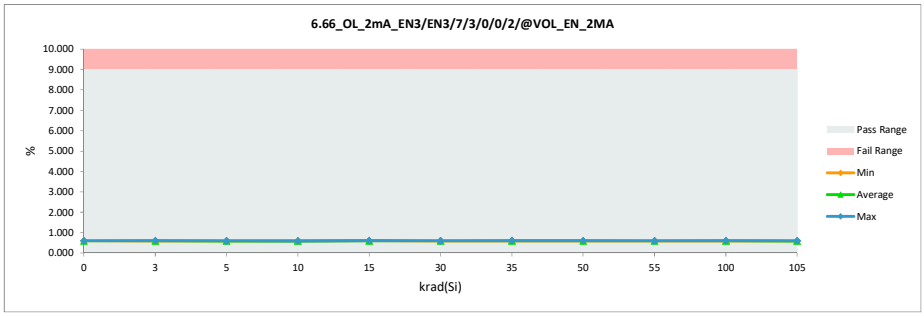
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.66_OL_2mA_EN3/EN3/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.591	0.593	0.002
0	14	0.594	0.595	0.001
0	15	0.591	0.593	0.002
3	20	0.599	0.601	0.002
3	21	0.590	0.592	0.002
3	22	0.581	0.586	0.005
3	23	0.589	0.592	0.003
3	24	0.597	0.601	0.004
5	25	0.587	0.591	0.004
5	26	0.584	0.589	0.005
5	27	0.582	0.591	0.009
5	28	0.582	0.588	0.006
5	29	0.589	0.595	0.006
10	30	0.584	0.590	0.006
10	31	0.585	0.591	0.006
10	32	0.584	0.590	0.006
10	33	0.583	0.589	0.006
10	34	0.580	0.588	0.008
15	35	0.591	0.599	0.008
15	36	0.580	0.598	0.018
15	37	0.594	0.604	0.010
15	38	0.584	0.593	0.009
15	39	0.586	0.595	0.009
30	40	0.581	0.592	0.011
30	41	0.584	0.595	0.011
30	42	0.578	0.589	0.011
30	43	0.581	0.591	0.010
30	44	0.585	0.596	0.011
35	45	0.578	0.592	0.014
35	46	0.562	0.594	0.032
35	47	0.581	0.594	0.013
35	48	0.578	0.591	0.013
35	49	0.589	0.604	0.015
50	50	0.582	0.594	0.012
50	51	0.574	0.587	0.013
50	52	0.586	0.599	0.013
50	53	0.582	0.596	0.014
50	54	0.588	0.602	0.014
55	55	0.580	0.594	0.014
55	56	0.551	0.592	0.041
55	57	0.575	0.590	0.015
55	58	0.576	0.592	0.016
55	59	0.575	0.591	0.016
100	60	0.569	0.589	0.020
100	61	0.573	0.594	0.021
100	62	0.582	0.602	0.020
100	63	0.572	0.591	0.019
100	64	0.582	0.602	0.020
105	65	0.569	0.589	0.020
105	66	0.576	0.596	0.020
105	67	0.534	0.591	0.057
105	68	0.534	0.590	0.056
105	69	0.570	0.590	0.020
	Max	0.599	0.604	0.057
	Average	0.580	0.593	0.014
	Min	0.534	0.586	0.001
	Std Dev	0.012	0.004	0.011



	6.66_OL_2mA_EN3/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.593	0.586	0.588	0.588	0.593	0.589	0.591	0.587	0.590	0.589	0.589
Average	0.594	0.594	0.591	0.590	0.598	0.593	0.595	0.596	0.592	0.596	0.591
Max	0.595	0.601	0.595	0.591	0.604	0.596	0.604	0.602	0.594	0.602	0.596
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

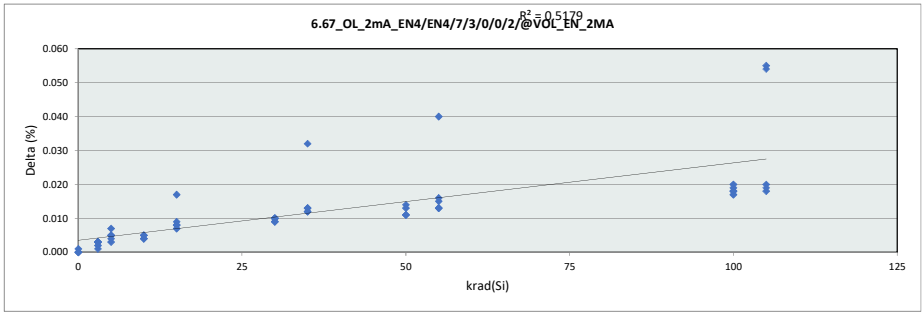


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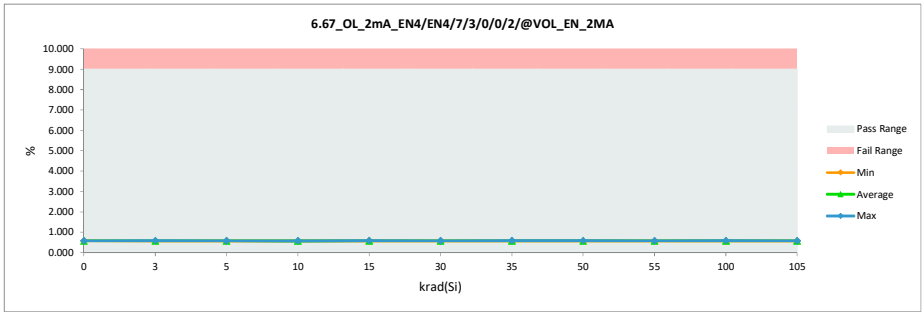
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.67_OL_2mA_EN4/EN4/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.575	0.575	0.000
0	14	0.580	0.580	0.000
0	15	0.575	0.576	0.001
3	20	0.583	0.585	0.002
3	21	0.573	0.574	0.001
3	22	0.563	0.566	0.003
3	23	0.572	0.575	0.003
3	24	0.580	0.583	0.003
5	25	0.573	0.576	0.003
5	26	0.570	0.575	0.005
5	27	0.565	0.572	0.007
5	28	0.566	0.570	0.004
5	29	0.574	0.579	0.005
10	30	0.568	0.573	0.005
10	31	0.572	0.576	0.004
10	32	0.565	0.569	0.004
10	33	0.567	0.571	0.004
10	34	0.564	0.569	0.005
15	35	0.573	0.580	0.007
15	36	0.569	0.586	0.017
15	37	0.578	0.586	0.008
15	38	0.568	0.576	0.008
15	39	0.567	0.576	0.009
30	40	0.563	0.573	0.010
30	41	0.568	0.578	0.010
30	42	0.566	0.575	0.009
30	43	0.566	0.576	0.010
30	44	0.570	0.579	0.009
35	45	0.558	0.571	0.013
35	46	0.547	0.579	0.032
35	47	0.563	0.575	0.012
35	48	0.562	0.575	0.013
35	49	0.573	0.585	0.012
50	50	0.567	0.578	0.011
50	51	0.556	0.567	0.011
50	52	0.572	0.583	0.011
50	53	0.564	0.577	0.013
50	54	0.570	0.584	0.014
55	55	0.567	0.580	0.013
55	56	0.534	0.574	0.040
55	57	0.560	0.573	0.013
55	58	0.560	0.576	0.016
55	59	0.558	0.573	0.015
100	60	0.553	0.571	0.018
100	61	0.559	0.579	0.020
100	62	0.565	0.584	0.019
100	63	0.551	0.568	0.017
100	64	0.565	0.583	0.018
105	65	0.552	0.570	0.018
105	66	0.559	0.578	0.019
105	67	0.520	0.575	0.055
105	68	0.519	0.573	0.054
105	69	0.556	0.576	0.020
	Max	0.583	0.586	0.055
	Average	0.564	0.576	0.012
	Min	0.519	0.566	0.000
	Std Dev	0.012	0.005	0.011



	6.67_OL_2mA_EN4/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.575	0.566	0.570	0.569	0.576	0.573	0.571	0.567	0.573	0.568	0.570
Average	0.577	0.577	0.574	0.572	0.581	0.576	0.577	0.578	0.575	0.577	0.574
Max	0.580	0.585	0.579	0.576	0.586	0.579	0.585	0.584	0.580	0.584	0.578
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

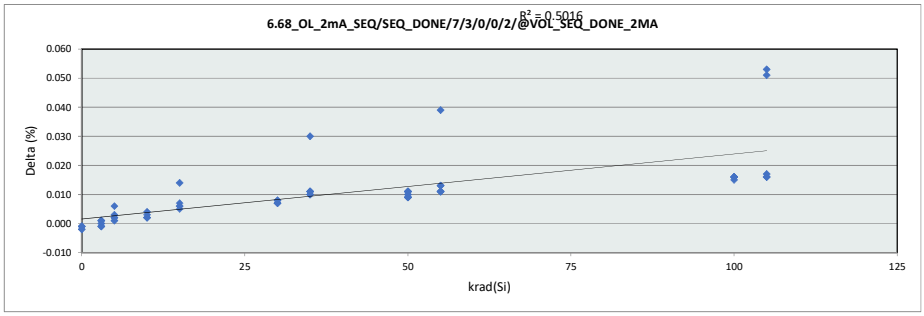


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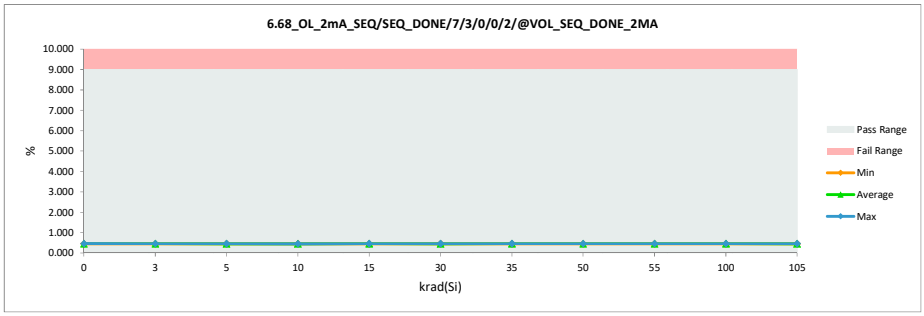
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.68_OL_2mA_SEQ/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.452	0.450	-0.002
0	14	0.459	0.458	-0.001
0	15	0.448	0.447	-0.001
3	20	0.455	0.454	-0.001
3	21	0.451	0.450	-0.001
3	22	0.447	0.448	0.001
3	23	0.450	0.450	0.000
3	24	0.454	0.455	0.001
5	25	0.447	0.448	0.001
5	26	0.446	0.448	0.002
5	27	0.447	0.453	0.006
5	28	0.445	0.448	0.003
5	29	0.447	0.449	0.002
10	30	0.445	0.447	0.002
10	31	0.446	0.448	0.002
10	32	0.445	0.447	0.002
10	33	0.446	0.449	0.003
10	34	0.443	0.447	0.004
15	35	0.447	0.452	0.005
15	36	0.443	0.457	0.014
15	37	0.450	0.457	0.007
15	38	0.442	0.448	0.006
15	39	0.442	0.448	0.006
30	40	0.442	0.450	0.008
30	41	0.445	0.453	0.008
30	42	0.439	0.446	0.007
30	43	0.439	0.446	0.007
30	44	0.443	0.450	0.007
35	45	0.443	0.453	0.010
35	46	0.426	0.456	0.030
35	47	0.439	0.449	0.010
35	48	0.439	0.450	0.011
35	49	0.442	0.453	0.011
50	50	0.442	0.451	0.009
50	51	0.438	0.447	0.009
50	52	0.444	0.454	0.010
50	53	0.443	0.454	0.011
50	54	0.441	0.452	0.011
55	55	0.440	0.451	0.011
55	56	0.417	0.456	0.039
55	57	0.437	0.448	0.011
55	58	0.438	0.451	0.013
55	59	0.437	0.450	0.013
100	60	0.431	0.447	0.016
100	61	0.434	0.450	0.016
100	62	0.438	0.454	0.016
100	63	0.431	0.446	0.015
100	64	0.439	0.455	0.016
105	65	0.431	0.447	0.016
105	66	0.432	0.448	0.016
105	67	0.400	0.453	0.053
105	68	0.395	0.446	0.051
105	69	0.438	0.455	0.017
	Max	0.459	0.458	0.053
	Average	0.440	0.451	0.010
	Min	0.395	0.446	-0.002
	Std Dev	0.011	0.003	0.011



	6.68_OL_2mA_SEQ/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.447	0.448	0.448	0.447	0.448	0.446	0.449	0.447	0.448	0.446	0.446
Average	0.452	0.451	0.449	0.448	0.452	0.449	0.452	0.452	0.451	0.450	0.450
Max	0.458	0.455	0.453	0.449	0.457	0.453	0.456	0.454	0.456	0.455	0.455
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

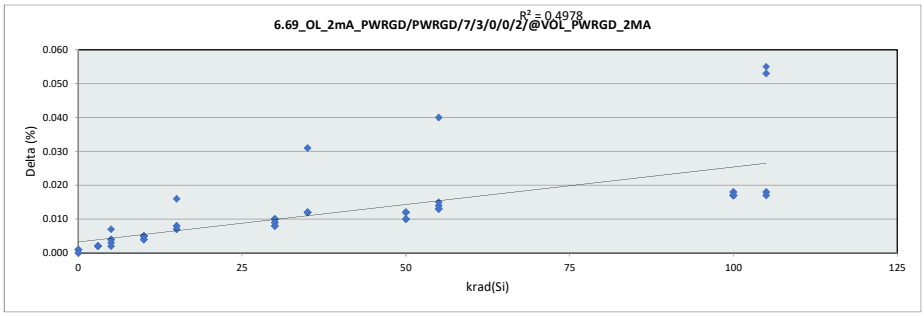


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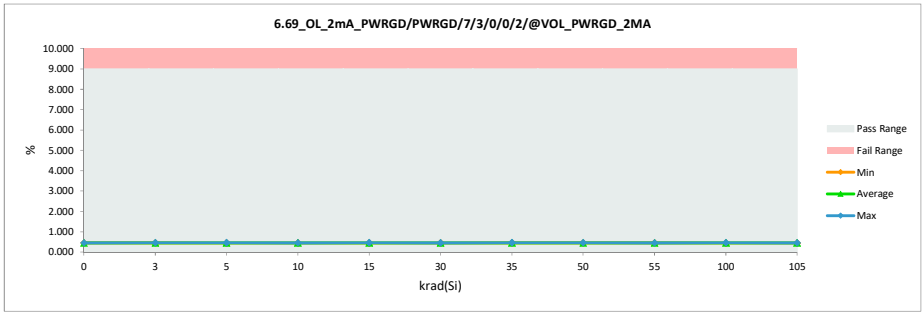
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.69_OL_2mA_PWRGD/PW	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.454	0.454	0.000
0	14	0.454	0.455	0.001
0	15	0.450	0.451	0.001
3	20	0.458	0.460	0.002
3	21	0.451	0.453	0.002
3	22	0.449	0.451	0.002
3	23	0.451	0.453	0.002
3	24	0.454	0.456	0.002
5	25	0.447	0.449	0.002
5	26	0.446	0.449	0.003
5	27	0.452	0.459	0.007
5	28	0.445	0.449	0.004
5	29	0.446	0.450	0.004
10	30	0.445	0.449	0.004
10	31	0.444	0.448	0.004
10	32	0.447	0.452	0.005
10	33	0.450	0.455	0.005
10	34	0.444	0.449	0.005
15	35	0.449	0.456	0.007
15	36	0.439	0.455	0.016
15	37	0.454	0.462	0.008
15	38	0.445	0.453	0.008
15	39	0.442	0.449	0.007
30	40	0.444	0.454	0.010
30	41	0.444	0.454	0.010
30	42	0.438	0.446	0.008
30	43	0.440	0.448	0.008
30	44	0.443	0.452	0.009
35	45	0.445	0.457	0.012
35	46	0.429	0.460	0.031
35	47	0.441	0.453	0.012
35	48	0.439	0.451	0.012
35	49	0.445	0.457	0.012
50	50	0.443	0.453	0.010
50	51	0.442	0.452	0.010
50	52	0.446	0.458	0.012
50	53	0.442	0.454	0.012
50	54	0.440	0.452	0.012
55	55	0.441	0.454	0.013
55	56	0.416	0.456	0.040
55	57	0.439	0.452	0.013
55	58	0.439	0.453	0.014
55	59	0.439	0.454	0.015
100	60	0.431	0.448	0.017
100	61	0.433	0.451	0.018
100	62	0.441	0.459	0.018
100	63	0.434	0.451	0.017
100	64	0.443	0.460	0.017
105	65	0.433	0.450	0.017
105	66	0.433	0.451	0.018
105	67	0.402	0.457	0.055
105	68	0.396	0.449	0.053
105	69	0.437	0.455	0.018
	Max	0.458	0.462	0.055
	Average	0.441	0.453	0.012
	Min	0.396	0.446	0.000
	Std Dev	0.011	0.004	0.011



	6.69_OL_2mA_PWRGD/F										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.451	0.451	0.449	0.448	0.449	0.446	0.451	0.452	0.452	0.448	0.449
Average	0.453	0.455	0.451	0.451	0.455	0.451	0.456	0.454	0.454	0.454	0.452
Max	0.455	0.460	0.459	0.455	0.462	0.454	0.460	0.458	0.456	0.460	0.457
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

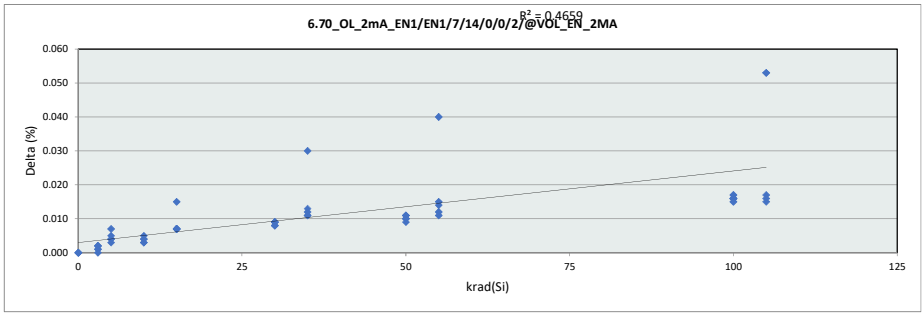


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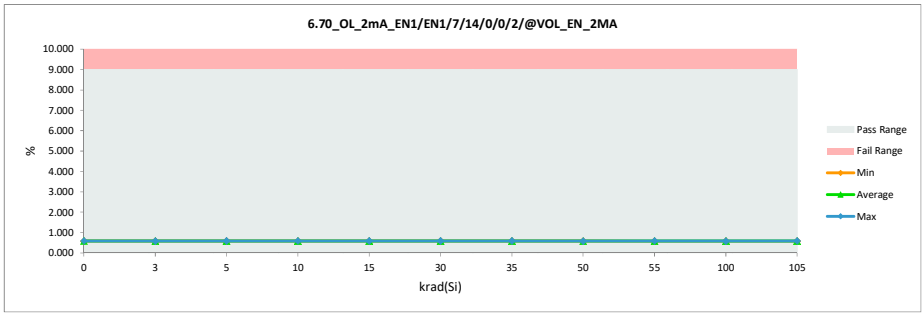
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.70_OL_2mA_EN1/EN1/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.590	0.590	0.000
0	14	0.587	0.587	0.000
0	15	0.585	0.585	0.000
3	20	0.583	0.584	0.001
3	21	0.585	0.585	0.000
3	22	0.581	0.582	0.001
3	23	0.583	0.585	0.002
3	24	0.581	0.583	0.002
5	25	0.582	0.585	0.003
5	26	0.583	0.587	0.004
5	27	0.578	0.585	0.007
5	28	0.580	0.584	0.004
5	29	0.580	0.585	0.005
10	30	0.584	0.588	0.004
10	31	0.579	0.582	0.003
10	32	0.580	0.583	0.003
10	33	0.582	0.586	0.004
10	34	0.579	0.584	0.005
15	35	0.579	0.586	0.007
15	36	0.569	0.584	0.015
15	37	0.576	0.583	0.007
15	38	0.575	0.582	0.007
15	39	0.581	0.588	0.007
30	40	0.573	0.582	0.009
30	41	0.572	0.581	0.009
30	42	0.574	0.582	0.008
30	43	0.574	0.582	0.008
30	44	0.580	0.589	0.009
35	45	0.574	0.587	0.013
35	46	0.555	0.585	0.030
35	47	0.573	0.585	0.012
35	48	0.579	0.590	0.011
35	49	0.572	0.583	0.011
50	50	0.573	0.583	0.010
50	51	0.573	0.583	0.010
50	52	0.576	0.585	0.009
50	53	0.574	0.585	0.011
50	54	0.573	0.584	0.011
55	55	0.571	0.583	0.012
55	56	0.547	0.587	0.040
55	57	0.569	0.580	0.011
55	58	0.573	0.588	0.015
55	59	0.571	0.585	0.014
100	60	0.568	0.584	0.016
100	61	0.566	0.583	0.017
100	62	0.570	0.585	0.015
100	63	0.564	0.580	0.016
100	64	0.569	0.585	0.016
105	65	0.565	0.580	0.015
105	66	0.570	0.587	0.017
105	67	0.531	0.584	0.053
105	68	0.534	0.587	0.053
105	69	0.568	0.584	0.016
	Max	0.590	0.590	0.053
	Average	0.573	0.585	0.011
	Min	0.531	0.580	0.000
	Std Dev	0.011	0.002	0.011



	6.70_OL_2mA_EN1/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.585	0.582	0.584	0.582	0.582	0.581	0.583	0.583	0.580	0.580	0.580
Average	0.587	0.584	0.585	0.585	0.585	0.583	0.586	0.584	0.585	0.583	0.584
Max	0.590	0.585	0.587	0.588	0.588	0.589	0.590	0.585	0.588	0.585	0.587
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

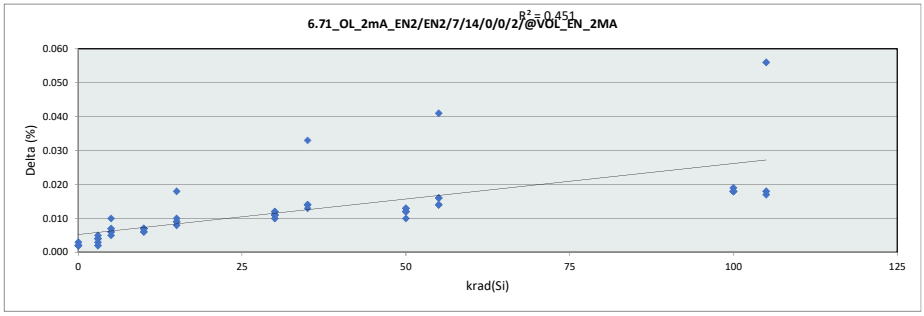


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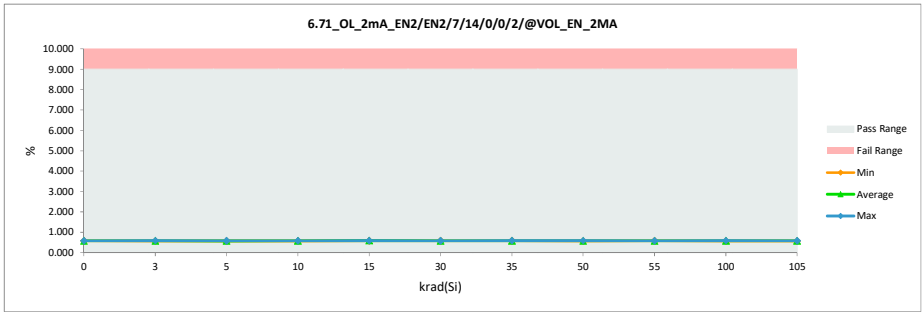
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.71_OL_2mA_EN2/EN2/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.579	0.581	0.002
0	14	0.580	0.582	0.002
0	15	0.574	0.577	0.003
3	20	0.587	0.589	0.002
3	21	0.577	0.580	0.003
3	22	0.568	0.572	0.004
3	23	0.572	0.577	0.005
3	24	0.582	0.586	0.004
5	25	0.571	0.576	0.005
5	26	0.571	0.577	0.006
5	27	0.571	0.581	0.010
5	28	0.568	0.574	0.006
5	29	0.571	0.578	0.007
10	30	0.571	0.578	0.007
10	31	0.571	0.578	0.007
10	32	0.574	0.580	0.006
10	33	0.569	0.575	0.006
10	34	0.570	0.577	0.007
15	35	0.578	0.586	0.008
15	36	0.567	0.585	0.018
15	37	0.581	0.591	0.010
15	38	0.574	0.583	0.009
15	39	0.574	0.583	0.009
30	40	0.568	0.579	0.011
30	41	0.570	0.582	0.012
30	42	0.568	0.579	0.011
30	43	0.572	0.582	0.010
30	44	0.571	0.582	0.011
35	45	0.565	0.579	0.014
35	46	0.550	0.583	0.033
35	47	0.569	0.583	0.014
35	48	0.566	0.580	0.014
35	49	0.576	0.589	0.013
50	50	0.571	0.583	0.012
50	51	0.561	0.573	0.012
50	52	0.575	0.585	0.010
50	53	0.570	0.583	0.013
50	54	0.574	0.587	0.013
55	55	0.568	0.582	0.014
55	56	0.537	0.578	0.041
55	57	0.563	0.577	0.014
55	58	0.563	0.579	0.016
55	59	0.564	0.580	0.016
100	60	0.557	0.575	0.018
100	61	0.562	0.581	0.019
100	62	0.572	0.590	0.018
100	63	0.556	0.574	0.018
100	64	0.571	0.589	0.018
105	65	0.556	0.573	0.017
105	66	0.566	0.584	0.018
105	67	0.521	0.577	0.056
105	68	0.526	0.582	0.056
105	69	0.558	0.576	0.018
	Max	0.587	0.591	0.056
	Average	0.567	0.581	0.013
	Min	0.521	0.572	0.002
	Std Dev	0.012	0.005	0.011



	6.71_OL_2mA_EN2/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.577	0.572	0.574	0.575	0.583	0.579	0.579	0.573	0.577	0.574	0.573
Average	0.580	0.581	0.577	0.578	0.586	0.581	0.583	0.582	0.579	0.582	0.578
Max	0.582	0.589	0.581	0.580	0.591	0.582	0.589	0.587	0.582	0.590	0.584
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

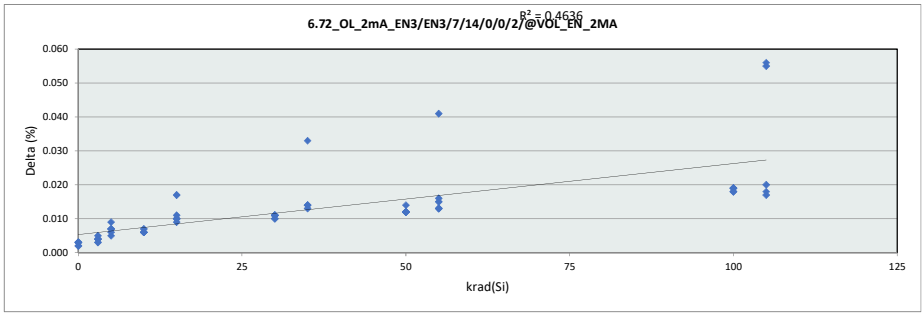


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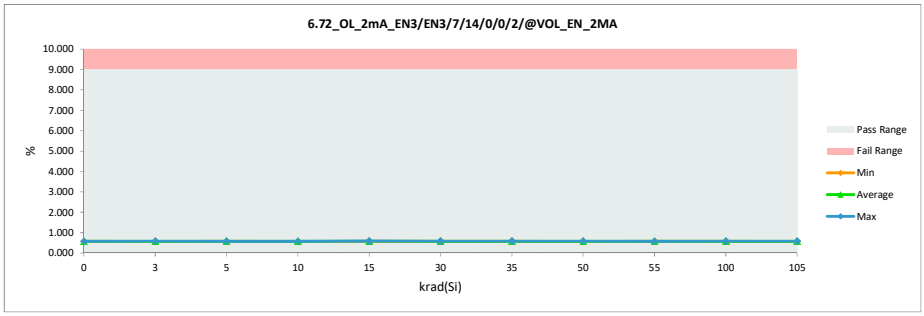
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.72_OL_2mA_EN3/EN3/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.570	0.573	0.003
0	14	0.572	0.574	0.002
0	15	0.570	0.573	0.003
3	20	0.577	0.581	0.004
3	21	0.569	0.572	0.003
3	22	0.560	0.564	0.004
3	23	0.568	0.572	0.004
3	24	0.574	0.579	0.005
5	25	0.566	0.571	0.005
5	26	0.563	0.569	0.006
5	27	0.562	0.571	0.009
5	28	0.562	0.569	0.007
5	29	0.567	0.574	0.007
10	30	0.564	0.570	0.006
10	31	0.565	0.571	0.006
10	32	0.564	0.570	0.006
10	33	0.562	0.568	0.006
10	34	0.560	0.567	0.007
15	35	0.569	0.578	0.009
15	36	0.559	0.576	0.017
15	37	0.572	0.583	0.011
15	38	0.563	0.573	0.010
15	39	0.566	0.576	0.010
30	40	0.561	0.572	0.011
30	41	0.563	0.574	0.011
30	42	0.558	0.569	0.011
30	43	0.562	0.572	0.010
30	44	0.565	0.576	0.011
35	45	0.557	0.571	0.014
35	46	0.542	0.575	0.033
35	47	0.561	0.574	0.013
35	48	0.559	0.573	0.014
35	49	0.568	0.582	0.014
50	50	0.562	0.574	0.012
50	51	0.554	0.566	0.012
50	52	0.566	0.578	0.012
50	53	0.563	0.575	0.012
50	54	0.567	0.581	0.014
55	55	0.560	0.573	0.013
55	56	0.530	0.571	0.041
55	57	0.557	0.570	0.013
55	58	0.555	0.571	0.016
55	59	0.556	0.571	0.015
100	60	0.550	0.569	0.019
100	61	0.554	0.573	0.019
100	62	0.563	0.581	0.018
100	63	0.552	0.570	0.018
100	64	0.562	0.581	0.019
105	65	0.550	0.567	0.017
105	66	0.558	0.578	0.020
105	67	0.515	0.571	0.056
105	68	0.515	0.570	0.055
105	69	0.550	0.568	0.018
	Max	0.577	0.583	0.056
	Average	0.560	0.573	0.013
	Min	0.515	0.564	0.002
	Std Dev	0.012	0.004	0.011



	6.72_OL_2mA_EN3/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.573	0.564	0.569	0.567	0.573	0.569	0.571	0.566	0.570	0.569	0.567
Average	0.573	0.574	0.571	0.569	0.577	0.573	0.575	0.575	0.571	0.575	0.571
Max	0.574	0.581	0.574	0.571	0.583	0.576	0.582	0.581	0.573	0.581	0.578
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

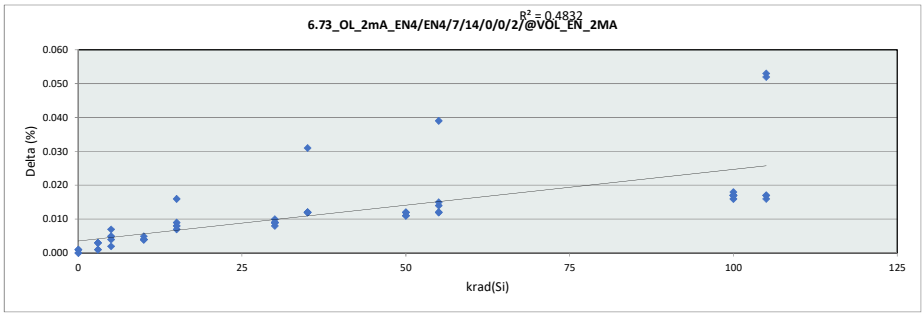


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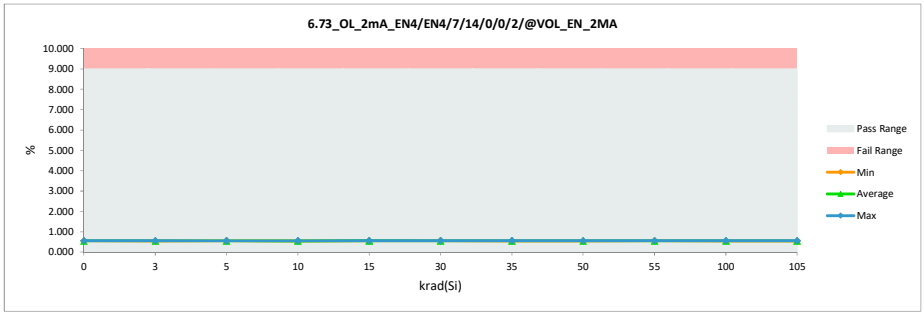
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.73_OL_2mA_EN4/EN4/7	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.554	0.554	0.000
0	14	0.558	0.559	0.001
0	15	0.554	0.555	0.001
3	20	0.562	0.563	0.001
3	21	0.552	0.553	0.001
3	22	0.542	0.545	0.003
3	23	0.551	0.554	0.003
3	24	0.558	0.561	0.003
5	25	0.552	0.554	0.002
5	26	0.549	0.553	0.004
5	27	0.545	0.552	0.007
5	28	0.546	0.551	0.005
5	29	0.552	0.557	0.005
10	30	0.548	0.552	0.004
10	31	0.551	0.555	0.004
10	32	0.546	0.550	0.004
10	33	0.546	0.550	0.004
10	34	0.544	0.549	0.005
15	35	0.552	0.559	0.007
15	36	0.547	0.563	0.016
15	37	0.556	0.565	0.009
15	38	0.547	0.555	0.008
15	39	0.548	0.556	0.008
30	40	0.544	0.553	0.009
30	41	0.546	0.556	0.010
30	42	0.546	0.555	0.009
30	43	0.547	0.555	0.008
30	44	0.550	0.559	0.009
35	45	0.538	0.550	0.012
35	46	0.528	0.559	0.031
35	47	0.543	0.555	0.012
35	48	0.543	0.555	0.012
35	49	0.552	0.564	0.012
50	50	0.546	0.557	0.011
50	51	0.536	0.547	0.011
50	52	0.551	0.562	0.011
50	53	0.545	0.557	0.012
50	54	0.550	0.562	0.012
55	55	0.547	0.559	0.012
55	56	0.513	0.552	0.039
55	57	0.541	0.553	0.012
55	58	0.540	0.555	0.015
55	59	0.538	0.552	0.014
100	60	0.534	0.550	0.016
100	61	0.539	0.557	0.018
100	62	0.546	0.563	0.017
100	63	0.531	0.548	0.017
100	64	0.545	0.562	0.017
105	65	0.533	0.549	0.016
105	66	0.542	0.559	0.017
105	67	0.501	0.554	0.053
105	68	0.501	0.553	0.052
105	69	0.536	0.553	0.017
	Max	0.562	0.565	0.053
	Average	0.544	0.555	0.012
	Min	0.501	0.545	0.000
	Std Dev	0.012	0.005	0.011



	6.73_OL_2mA_EN4/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.554	0.545	0.551	0.549	0.555	0.553	0.550	0.547	0.552	0.548	0.549
Average	0.556	0.555	0.553	0.551	0.560	0.556	0.557	0.557	0.554	0.556	0.554
Max	0.559	0.563	0.557	0.555	0.565	0.559	0.564	0.562	0.559	0.563	0.559
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

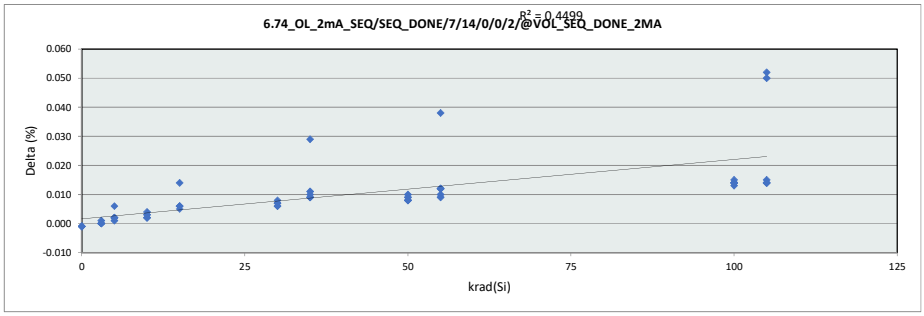


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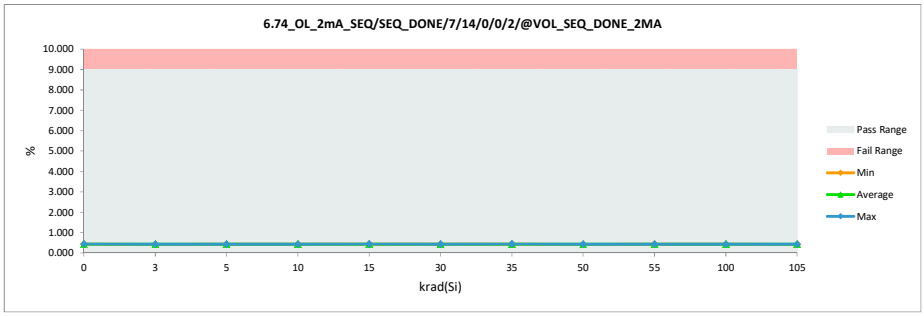
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.74_OL_2mA_SEQ/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.431	0.430	-0.001
0	14	0.437	0.436	-0.001
0	15	0.428	0.427	-0.001
3	20	0.433	0.433	0.000
3	21	0.430	0.430	0.000
3	22	0.426	0.426	0.000
3	23	0.428	0.429	0.001
3	24	0.432	0.432	0.000
5	25	0.426	0.427	0.001
5	26	0.425	0.427	0.002
5	27	0.426	0.432	0.006
5	28	0.426	0.428	0.002
5	29	0.426	0.428	0.002
10	30	0.424	0.427	0.003
10	31	0.426	0.428	0.002
10	32	0.425	0.427	0.002
10	33	0.425	0.428	0.003
10	34	0.423	0.427	0.004
15	35	0.426	0.431	0.005
15	36	0.421	0.435	0.014
15	37	0.429	0.435	0.006
15	38	0.422	0.428	0.006
15	39	0.423	0.429	0.006
30	40	0.422	0.430	0.008
30	41	0.424	0.431	0.007
30	42	0.419	0.425	0.006
30	43	0.420	0.426	0.006
30	44	0.423	0.430	0.007
35	45	0.421	0.432	0.011
35	46	0.406	0.435	0.029
35	47	0.419	0.428	0.009
35	48	0.421	0.430	0.009
35	49	0.422	0.432	0.010
50	50	0.422	0.430	0.008
50	51	0.418	0.426	0.008
50	52	0.424	0.432	0.008
50	53	0.424	0.433	0.009
50	54	0.421	0.431	0.010
55	55	0.420	0.430	0.010
55	56	0.395	0.433	0.038
55	57	0.419	0.428	0.009
55	58	0.418	0.430	0.012
55	59	0.417	0.429	0.012
100	60	0.412	0.426	0.014
100	61	0.414	0.429	0.015
100	62	0.419	0.433	0.014
100	63	0.412	0.425	0.013
100	64	0.420	0.434	0.014
105	65	0.412	0.426	0.014
105	66	0.415	0.429	0.014
105	67	0.380	0.432	0.052
105	68	0.377	0.427	0.050
105	69	0.417	0.432	0.015
	Max	0.437	0.436	0.052
	Average	0.420	0.430	0.009
	Min	0.377	0.425	-0.001
	Std Dev	0.011	0.003	0.011



	6.74_OL_2mA_SEQ/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.427	0.426	0.427	0.427	0.428	0.425	0.428	0.426	0.428	0.425	0.426
Average	0.431	0.430	0.428	0.427	0.432	0.428	0.431	0.430	0.430	0.429	0.429
Max	0.436	0.433	0.432	0.428	0.435	0.431	0.435	0.433	0.433	0.434	0.432
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

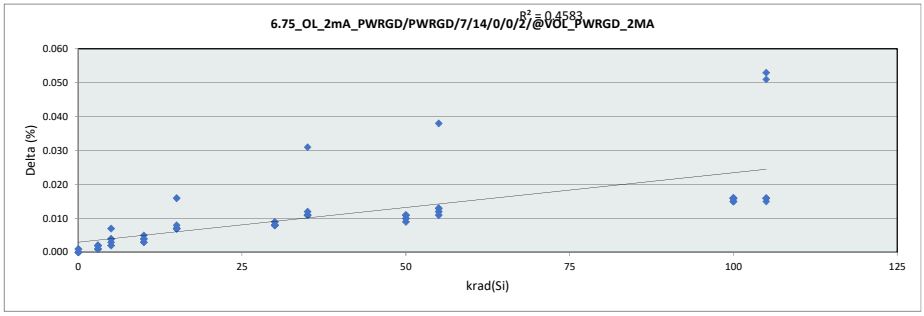


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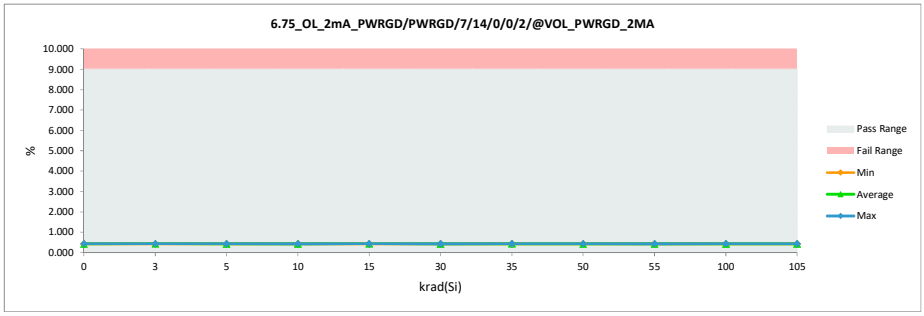
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.75_OL_2mA_PWRGD/PW	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	10	9
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.433	0.433	0.000
0	14	0.433	0.434	0.001
0	15	0.430	0.430	0.000
3	20	0.437	0.438	0.001
3	21	0.431	0.432	0.001
3	22	0.427	0.429	0.002
3	23	0.430	0.432	0.002
3	24	0.432	0.434	0.002
5	25	0.426	0.428	0.002
5	26	0.425	0.428	0.003
5	27	0.431	0.438	0.007
5	28	0.425	0.429	0.004
5	29	0.425	0.429	0.004
10	30	0.425	0.429	0.004
10	31	0.425	0.428	0.003
10	32	0.428	0.431	0.003
10	33	0.429	0.433	0.004
10	34	0.424	0.429	0.005
15	35	0.428	0.435	0.007
15	36	0.418	0.434	0.016
15	37	0.433	0.441	0.008
15	38	0.425	0.432	0.007
15	39	0.423	0.430	0.007
30	40	0.425	0.433	0.008
30	41	0.423	0.432	0.009
30	42	0.418	0.426	0.008
30	43	0.420	0.428	0.008
30	44	0.424	0.432	0.008
35	45	0.424	0.436	0.012
35	46	0.408	0.439	0.031
35	47	0.421	0.432	0.011
35	48	0.421	0.432	0.011
35	49	0.425	0.436	0.011
50	50	0.422	0.432	0.010
50	51	0.421	0.431	0.010
50	52	0.427	0.436	0.009
50	53	0.423	0.434	0.011
50	54	0.420	0.431	0.011
55	55	0.421	0.433	0.012
55	56	0.395	0.433	0.038
55	57	0.421	0.432	0.011
55	58	0.419	0.432	0.013
55	59	0.420	0.433	0.013
100	60	0.412	0.427	0.015
100	61	0.413	0.429	0.016
100	62	0.423	0.438	0.015
100	63	0.414	0.430	0.016
100	64	0.423	0.439	0.016
105	65	0.414	0.429	0.015
105	66	0.416	0.432	0.016
105	67	0.383	0.436	0.053
105	68	0.378	0.429	0.051
105	69	0.416	0.432	0.016
	Max	0.437	0.441	0.053
	Average	0.421	0.432	0.011
	Min	0.378	0.426	0.000
	Std Dev	0.011	0.003	0.011



	6.75_OL_2mA_PWRGD/F										
Test Site											
Tester											
Test Number											
Max Limit	9	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.430	0.429	0.428	0.428	0.430	0.426	0.432	0.431	0.432	0.427	0.429
Average	0.432	0.433	0.430	0.430	0.434	0.430	0.435	0.433	0.433	0.433	0.432
Max	0.434	0.438	0.438	0.433	0.441	0.433	0.439	0.436	0.433	0.439	0.436
UL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000

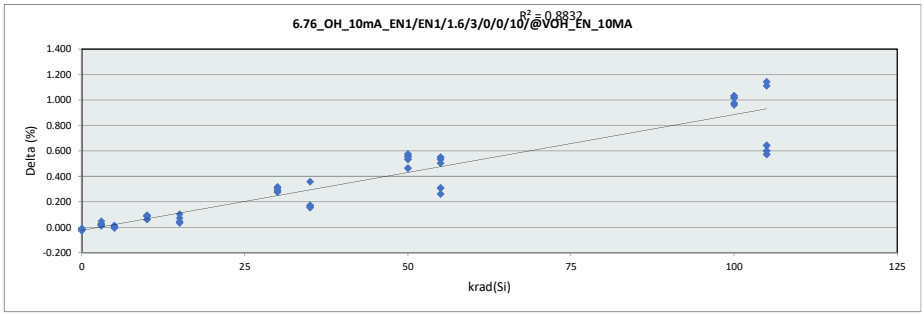


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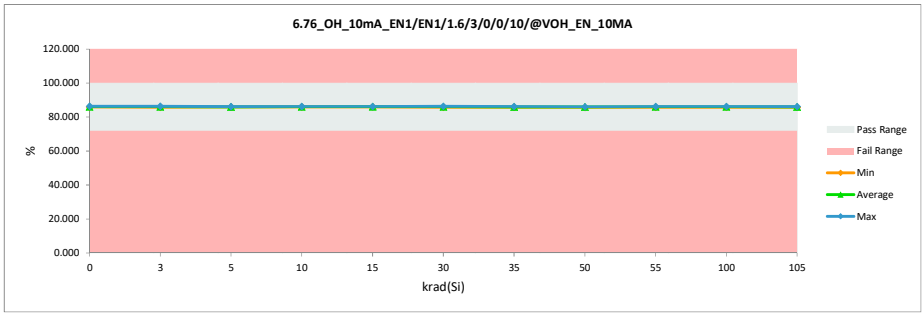
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.76_OH_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	86.334	86.324	-0.010
0	14	86.013	86.000	-0.013
0	15	86.032	86.005	-0.027
3	20	86.060	86.108	0.048
3	21	86.334	86.363	0.029
3	22	85.861	85.882	0.021
3	23	85.732	85.754	0.022
3	24	86.053	86.065	0.012
5	25	85.867	85.880	0.013
5	26	85.823	85.834	0.011
5	27	86.151	86.160	0.009
5	28	86.062	86.062	0.000
5	29	85.890	85.883	-0.007
10	30	85.845	85.932	0.087
10	31	86.085	86.173	0.088
10	32	86.163	86.257	0.094
10	33	85.863	85.956	0.093
10	34	86.116	86.176	0.060
15	35	86.015	86.088	0.073
15	36	86.200	86.303	0.103
15	37	86.017	86.050	0.033
15	38	86.224	86.270	0.046
15	39	86.116	86.157	0.041
30	40	86.048	86.324	0.276
30	41	85.492	85.807	0.315
30	42	85.780	86.085	0.305
30	43	85.993	86.282	0.289
30	44	85.500	85.816	0.316
35	45	85.800	85.958	0.158
35	46	85.507	85.865	0.358
35	47	86.106	86.260	0.154
35	48	85.609	85.780	0.171
35	49	85.838	86.010	0.172
50	50	85.295	85.871	0.576
50	51	85.325	85.880	0.555
50	52	85.545	86.080	0.535
50	53	85.164	85.722	0.558
50	54	85.649	86.113	0.464
55	55	85.245	85.796	0.551
55	56	85.743	86.277	0.534
55	57	85.493	85.997	0.504
55	58	85.487	85.796	0.309
55	59	86.036	86.298	0.262
100	60	85.000	86.016	1.016
100	61	84.772	85.805	1.033
100	62	84.947	85.967	1.020
100	63	85.329	86.291	0.962
100	64	85.108	86.084	0.976
105	65	85.575	86.175	0.600
105	66	85.519	86.092	0.573
105	67	84.652	85.795	1.143
105	68	84.656	85.768	1.112
105	69	85.185	85.828	0.643
	Max	86.334	86.363	1.143
	Average	85.703	86.029	0.326
	Min	84.652	85.722	-0.027
	Std Dev	0.431	0.185	0.347



	6.76_OH_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	86.000	85.754	85.834	85.932	86.050	85.807	85.780	85.722	85.796	85.805	85.768
Average	86.110	86.034	85.964	86.099	86.174	86.063	85.975	85.933	86.033	86.033	85.932
Max	86.324	86.363	86.160	86.257	86.303	86.324	86.260	86.113	86.298	86.291	86.175
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

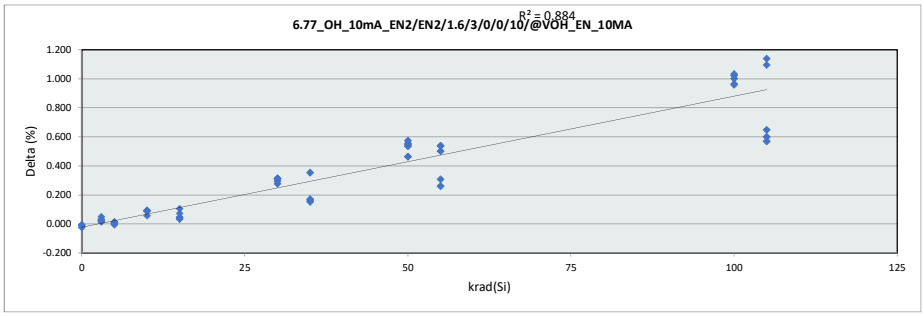


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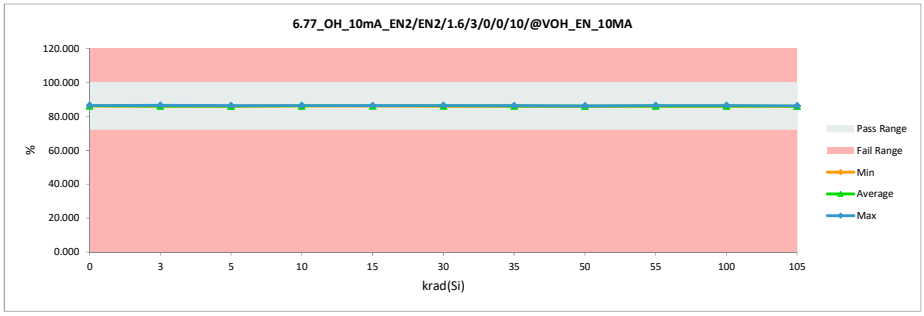
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.77_OH_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	86.436	86.429	-0.007
0	14	86.118	86.106	-0.012
0	15	86.207	86.182	-0.025
3	20	86.080	86.129	0.049
3	21	86.471	86.503	0.032
3	22	86.022	86.047	0.025
3	23	85.886	85.909	0.023
3	24	86.118	86.132	0.014
5	25	85.951	85.965	0.014
5	26	85.922	85.933	0.011
5	27	86.295	86.304	0.009
5	28	86.272	86.273	0.001
5	29	85.964	85.958	-0.006
10	30	85.964	86.054	0.090
10	31	86.214	86.302	0.088
10	32	86.342	86.436	0.094
10	33	86.131	86.221	0.090
10	34	86.246	86.302	0.056
15	35	86.129	86.202	0.073
15	36	86.234	86.339	0.105
15	37	86.041	86.075	0.034
15	38	86.314	86.360	0.046
15	39	86.302	86.344	0.042
30	40	86.167	86.443	0.276
30	41	85.678	85.991	0.313
30	42	85.926	86.232	0.306
30	43	86.079	86.371	0.292
30	44	85.676	85.989	0.313
35	45	85.900	86.058	0.158
35	46	85.645	85.998	0.353
35	47	86.221	86.372	0.151
35	48	85.866	86.032	0.166
35	49	85.896	86.067	0.171
50	50	85.404	85.978	0.574
50	51	85.431	85.986	0.555
50	52	85.624	86.159	0.535
50	53	85.474	86.020	0.546
50	54	85.758	86.221	0.463
55	55	85.448	85.987	0.539
55	56	85.841	86.378	0.537
55	57	85.651	86.152	0.501
55	58	85.631	85.938	0.307
55	59	86.159	86.419	0.260
100	60	85.202	86.203	1.001
100	61	84.867	85.900	1.033
100	62	85.031	86.054	1.023
100	63	85.470	86.428	0.958
100	64	85.263	86.227	0.964
105	65	85.689	86.289	0.600
105	66	85.717	86.286	0.569
105	67	84.811	85.949	1.138
105	68	84.885	85.980	1.095
105	69	85.249	85.897	0.648
	Max	86.471	86.503	1.138
	Average	85.836	86.161	0.324
	Min	84.811	85.897	-0.025
	Std Dev	0.418	0.175	0.344



	6.77_OH_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	86.106	85.909	85.933	86.054	86.075	85.989	85.998	85.978	85.938	85.900	85.897
Average	86.239	86.144	86.087	86.263	86.264	86.205	86.105	86.073	86.175	86.162	86.080
Max	86.429	86.503	86.304	86.436	86.360	86.443	86.372	86.221	86.419	86.428	86.289
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

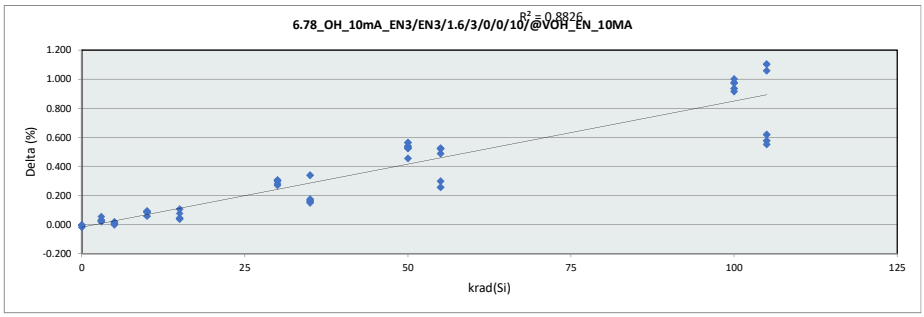


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

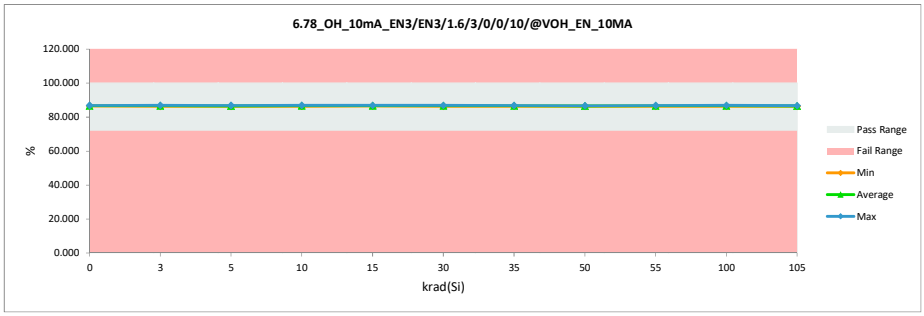
	6.78_OH_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	86.779	86.775	-0.004
0	14	86.528	86.524	-0.004
0	15	86.623	86.604	-0.019
3	20	86.588	86.643	0.055
3	21	86.920	86.952	0.032
3	22	86.500	86.529	0.029
3	23	86.292	86.318	0.026
3	24	86.588	86.608	0.020
5	25	86.340	86.358	0.018
5	26	86.309	86.323	0.014
5	27	86.720	86.730	0.010
5	28	86.839	86.844	0.005
5	29	86.426	86.424	-0.002
10	30	86.322	86.410	0.088
10	31	86.744	86.829	0.085
10	32	86.821	86.915	0.094
10	33	86.605	86.696	0.091
10	34	86.727	86.785	0.058
15	35	86.537	86.614	0.077
15	36	86.599	86.705	0.106
15	37	86.462	86.500	0.038
15	38	86.826	86.872	0.046
15	39	86.808	86.850	0.042
30	40	86.672	86.942	0.270
30	41	86.239	86.542	0.303
30	42	86.496	86.793	0.297
30	43	86.625	86.904	0.279
30	44	86.066	86.374	0.308
35	45	86.389	86.549	0.160
35	46	86.109	86.449	0.340
35	47	86.709	86.859	0.150
35	48	86.382	86.550	0.168
35	49	86.296	86.471	0.175
50	50	85.792	86.356	0.564
50	51	85.919	86.459	0.540
50	52	86.066	86.594	0.528
50	53	86.036	86.560	0.524
50	54	86.200	86.655	0.455
55	55	85.931	86.456	0.525
55	56	86.269	86.791	0.522
55	57	86.160	86.649	0.489
55	58	86.073	86.371	0.298
55	59	86.599	86.855	0.256
100	60	85.659	86.633	0.974
100	61	85.304	86.305	1.001
100	62	85.553	86.529	0.976
100	63	85.975	86.891	0.916
100	64	85.723	86.659	0.936
105	65	86.162	86.739	0.577
105	66	86.168	86.720	0.552
105	67	85.238	86.341	1.103
105	68	85.321	86.379	1.058
105	69	85.720	86.339	0.619
	Max	86.920	86.952	1.103
	Average	86.297	86.614	0.316
	Min	85.238	86.305	-0.019
	Std Dev	0.420	0.193	0.331



	6.78_OH_10mA_EN3/EN
Test Site	
Tester	
Test Number	
Max Limit	100 %
Min Limit	72 %

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	86.524	86.318	86.323	86.410	86.500	86.374	86.449	86.356	86.371	86.305	86.339
Average	86.634	86.610	86.536	86.727	86.708	86.711	86.576	86.525	86.624	86.603	86.504
Max	86.775	86.952	86.844	86.915	86.872	86.942	86.859	86.655	86.855	86.891	86.739
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

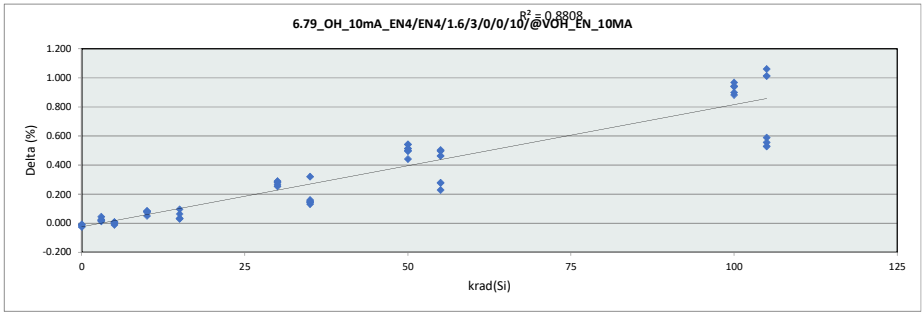


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

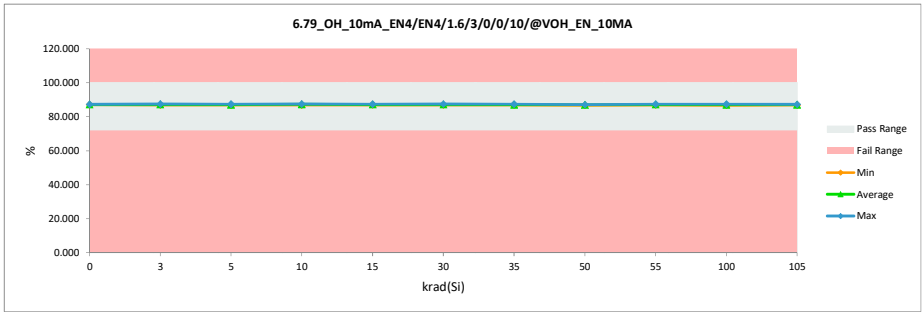
	6.79_OH_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	87.316	87.308	-0.008
0	14	87.119	87.106	-0.013
0	15	87.141	87.115	-0.026
3	20	87.160	87.204	0.044
3	21	87.474	87.500	0.026
3	22	87.095	87.115	0.020
3	23	86.851	86.871	0.020
3	24	87.192	87.204	0.012
5	25	86.859	86.868	0.009
5	26	86.869	86.874	0.005
5	27	87.288	87.294	0.006
5	28	87.394	87.390	-0.004
5	29	86.926	86.914	-0.012
10	30	86.854	86.936	0.082
10	31	87.308	87.382	0.074
10	32	87.384	87.468	0.084
10	33	87.136	87.217	0.081
10	34	87.319	87.369	0.050
15	35	87.095	87.159	0.064
15	36	87.116	87.212	0.096
15	37	86.979	87.010	0.031
15	38	87.381	87.415	0.034
15	39	87.358	87.389	0.031
30	40	87.205	87.459	0.254
30	41	86.767	87.053	0.286
30	42	87.023	87.303	0.280
30	43	87.165	87.430	0.265
30	44	86.620	86.910	0.290
35	45	86.964	87.105	0.141
35	46	86.680	87.000	0.320
35	47	87.266	87.397	0.131
35	48	86.958	87.107	0.149
35	49	86.858	87.017	0.159
50	50	86.271	86.813	0.542
50	51	86.494	87.008	0.514
50	52	86.647	87.143	0.496
50	53	86.574	87.073	0.499
50	54	86.691	87.133	0.442
55	55	86.476	86.979	0.503
55	56	86.843	87.340	0.497
55	57	86.722	87.185	0.463
55	58	86.619	86.897	0.278
55	59	87.200	87.429	0.229
100	60	86.228	87.167	0.939
100	61	85.864	86.832	0.968
100	62	86.143	87.086	0.943
100	63	86.545	87.427	0.882
100	64	86.293	87.192	0.899
105	65	86.707	87.263	0.556
105	66	86.746	87.274	0.528
105	67	85.827	86.888	1.061
105	68	85.964	86.976	1.012
105	69	86.270	86.859	0.589
	Max	87.474	87.500	1.061
	Average	86.854	87.152	0.299
	Min	85.827	86.813	-0.026
	Std Dev	0.415	0.198	0.321



	6.79_OH_10mA_EN4/EN
Test Site	
Tester	
Test Number	
Max Limit	100 %
Min Limit	72 %

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	87.106	86.871	86.868	86.936	87.010	86.910	87.000	86.813	86.897	86.832	86.859
Average	87.176	87.179	87.068	87.274	87.237	87.231	87.125	87.034	87.166	87.141	87.052
Max	87.308	87.500	87.390	87.468	87.415	87.459	87.397	87.143	87.429	87.427	87.274
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

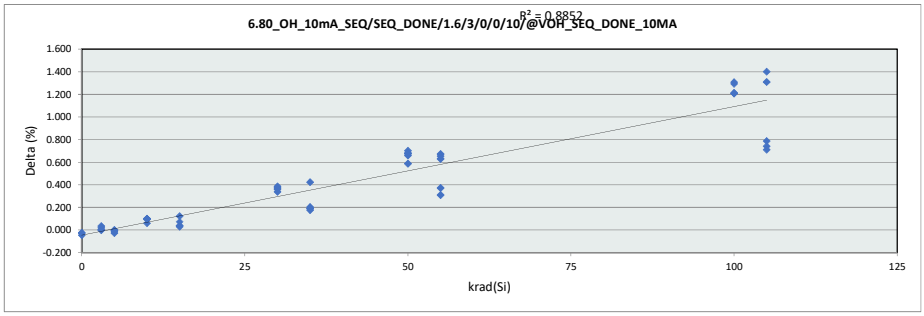


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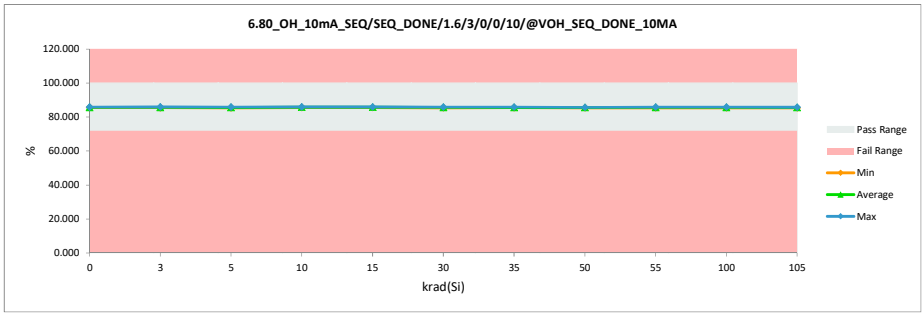
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.80_OH_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	85.899	85.875	-0.024
0	14	85.708	85.679	-0.029
0	15	85.724	85.677	-0.047
3	20	85.779	85.814	0.035
3	21	86.004	86.027	0.023
3	22	85.632	85.640	0.008
3	23	85.503	85.505	0.002
3	24	85.688	85.686	-0.002
5	25	85.386	85.387	0.001
5	26	85.389	85.382	-0.007
5	27	85.771	85.767	-0.004
5	28	85.931	85.917	-0.014
5	29	85.553	85.525	-0.028
10	30	85.484	85.579	0.095
10	31	85.748	85.849	0.101
10	32	85.863	85.962	0.099
10	33	85.603	85.702	0.099
10	34	85.788	85.848	0.060
15	35	85.641	85.714	0.073
15	36	85.676	85.798	0.122
15	37	85.618	85.647	0.029
15	38	85.969	86.008	0.039
15	39	85.840	85.877	0.037
30	40	85.620	85.957	0.337
30	41	85.081	85.467	0.386
30	42	85.428	85.795	0.367
30	43	85.487	85.847	0.360
30	44	85.209	85.583	0.374
35	45	85.375	85.567	0.192
35	46	85.115	85.538	0.423
35	47	85.709	85.884	0.175
35	48	85.562	85.752	0.190
35	49	85.328	85.532	0.204
50	50	84.742	85.443	0.701
50	51	84.902	85.582	0.680
50	52	85.034	85.693	0.659
50	53	84.847	85.521	0.674
50	54	85.099	85.685	0.586
55	55	84.821	85.492	0.671
55	56	85.164	85.816	0.652
55	57	85.012	85.641	0.629
55	58	85.081	85.453	0.372
55	59	85.628	85.938	0.310
100	60	84.411	85.704	1.293
100	61	84.063	85.370	1.307
100	62	84.619	85.826	1.207
100	63	84.728	85.939	1.211
100	64	84.468	85.675	1.207
105	65	85.076	85.817	0.741
105	66	85.140	85.850	0.710
105	67	84.025	85.425	1.400
105	68	84.224	85.533	1.309
105	69	84.601	85.387	0.786
	Max	86.004	86.027	1.400
	Average	85.298	85.690	0.392
	Min	84.025	85.370	-0.047
	Std Dev	0.506	0.182	0.432



	6.80_OH_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	85.677	85.505	85.382	85.579	85.647	85.467	85.532	85.443	85.453	85.370	85.387
Average	85.744	85.734	85.596	85.788	85.809	85.730	85.655	85.585	85.668	85.703	85.602
Max	85.875	86.027	85.917	85.962	86.008	85.957	85.884	85.693	85.938	85.939	85.850
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

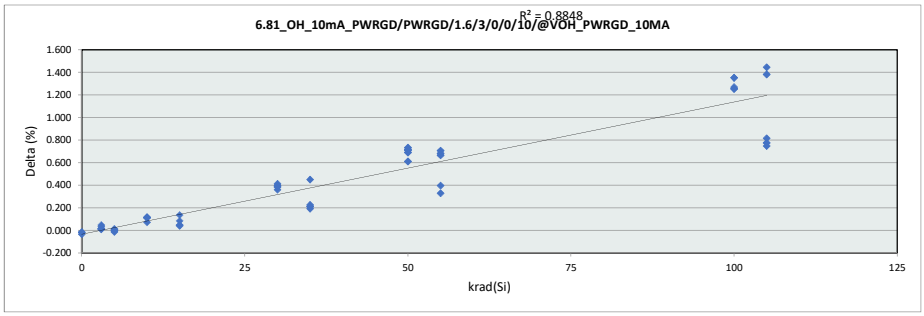


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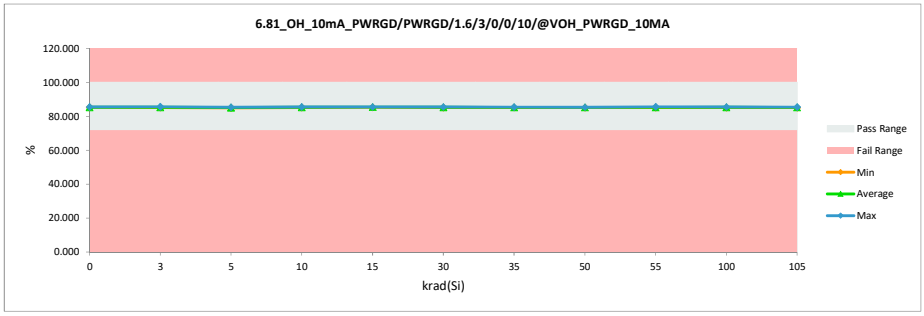
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.81_OH_10mA_PWRGD/F	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	85.622	85.607	-0.015
0	14	85.353	85.336	-0.017
0	15	85.364	85.330	-0.034
3	20	85.501	85.549	0.048
3	21	85.692	85.726	0.034
3	22	85.295	85.311	0.016
3	23	85.201	85.216	0.015
3	24	85.275	85.285	0.010
5	25	85.080	85.094	0.014
5	26	85.058	85.060	0.002
5	27	85.431	85.438	0.007
5	28	85.442	85.440	-0.002
5	29	85.137	85.124	-0.013
10	30	85.146	85.258	0.112
10	31	85.371	85.490	0.119
10	32	85.450	85.564	0.114
10	33	85.262	85.375	0.113
10	34	85.446	85.517	0.071
15	35	85.366	85.451	0.085
15	36	85.322	85.458	0.136
15	37	85.282	85.322	0.040
15	38	85.595	85.642	0.047
15	39	85.501	85.549	0.048
30	40	85.262	85.622	0.360
30	41	84.687	85.100	0.413
30	42	85.036	85.428	0.392
30	43	85.079	85.462	0.383
30	44	84.812	85.212	0.400
35	45	85.036	85.250	0.214
35	46	84.765	85.215	0.450
35	47	85.324	85.516	0.192
35	48	85.071	85.281	0.210
35	49	84.996	85.222	0.226
50	50	84.395	85.128	0.733
50	51	84.555	85.270	0.715
50	52	84.711	85.401	0.690
50	53	84.435	85.145	0.710
50	54	84.764	85.375	0.611
55	55	84.446	85.152	0.706
55	56	84.869	85.551	0.682
55	57	84.596	85.261	0.665
55	58	84.701	85.098	0.397
55	59	85.330	85.659	0.329
100	60	83.996	85.348	1.352
100	61	83.773	85.125	1.352
100	62	84.239	85.493	1.254
100	63	84.330	85.599	1.269
100	64	84.094	85.347	1.253
105	65	84.684	85.459	0.775
105	66	84.797	85.544	0.747
105	67	83.702	85.147	1.445
105	68	83.741	85.122	1.381
105	69	84.289	85.104	0.815
	Max	85.692	85.726	1.445
	Average	84.938	85.354	0.416
	Min	83.702	85.060	-0.034
	Std Dev	0.513	0.179	0.446



	6.81_OH_10mA_PWRGD_										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	85.330	85.216	85.060	85.258	85.322	85.100	85.215	85.128	85.098	85.125	85.104
Average	85.424	85.417	85.231	85.441	85.484	85.365	85.297	85.264	85.344	85.382	85.275
Max	85.607	85.726	85.440	85.564	85.642	85.622	85.516	85.401	85.659	85.599	85.544
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

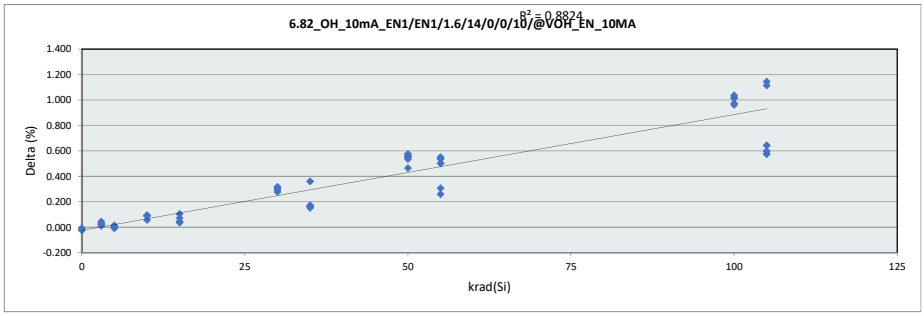


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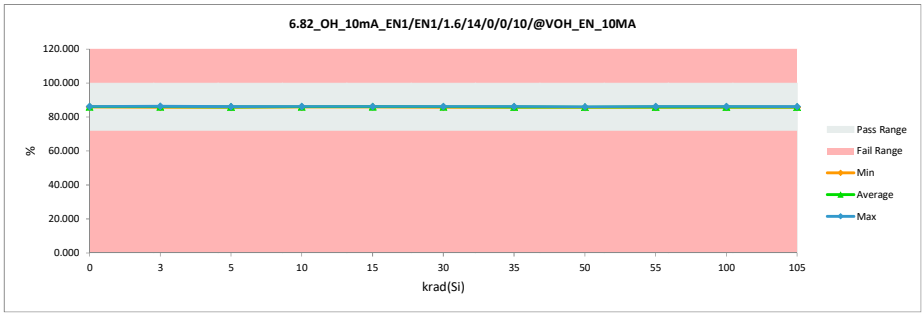
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.82_OH_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	86.322	86.314	-0.008
0	14	86.002	85.990	-0.012
0	15	86.020	85.995	-0.025
3	20	86.052	86.097	0.045
3	21	86.325	86.355	0.030
3	22	85.850	85.874	0.024
3	23	85.721	85.743	0.022
3	24	86.046	86.057	0.011
5	25	85.856	85.870	0.014
5	26	85.815	85.823	0.008
5	27	86.140	86.150	0.010
5	28	86.056	86.053	-0.003
5	29	85.883	85.875	-0.008
10	30	85.835	85.924	0.089
10	31	86.075	86.165	0.090
10	32	86.152	86.247	0.095
10	33	85.854	85.946	0.092
10	34	86.110	86.167	0.057
15	35	86.007	86.079	0.072
15	36	86.190	86.295	0.105
15	37	86.007	86.042	0.035
15	38	86.217	86.262	0.045
15	39	86.104	86.146	0.042
30	40	86.039	86.317	0.278
30	41	85.481	85.799	0.318
30	42	85.772	86.077	0.305
30	43	85.982	86.274	0.292
30	44	85.489	85.806	0.317
35	45	85.789	85.950	0.161
35	46	85.495	85.856	0.361
35	47	86.100	86.252	0.152
35	48	85.602	85.772	0.170
35	49	85.827	85.998	0.171
50	50	85.286	85.862	0.576
50	51	85.318	85.872	0.554
50	52	85.534	86.071	0.537
50	53	85.155	85.714	0.559
50	54	85.639	86.105	0.466
55	55	85.236	85.787	0.551
55	56	85.729	86.267	0.538
55	57	85.483	85.986	0.503
55	58	85.479	85.786	0.307
55	59	86.026	86.287	0.261
100	60	84.990	86.005	1.015
100	61	84.760	85.797	1.037
100	62	84.937	85.959	1.022
100	63	85.320	86.282	0.962
100	64	85.098	86.073	0.975
105	65	85.567	86.165	0.598
105	66	85.510	86.085	0.575
105	67	84.640	85.785	1.145
105	68	84.645	85.759	1.114
105	69	85.175	85.818	0.643
	Max	86.325	86.355	1.145
	Average	85.693	86.020	0.326
	Min	84.640	85.714	-0.025
	Std Dev	0.431	0.185	0.347



	6.82_OH_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	85.990	85.743	85.823	85.924	86.042	85.799	85.772	85.714	85.786	85.797	85.759
Average	86.100	86.025	85.954	86.090	86.165	86.055	85.966	85.925	86.023	86.023	85.922
Max	86.314	86.355	86.150	86.247	86.295	86.317	86.252	86.105	86.287	86.282	86.165
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

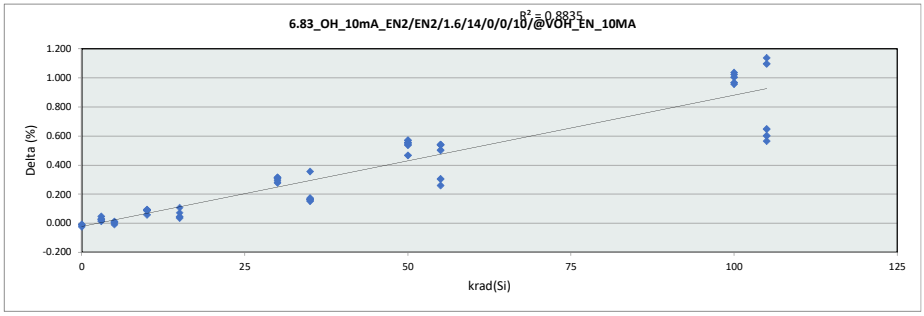


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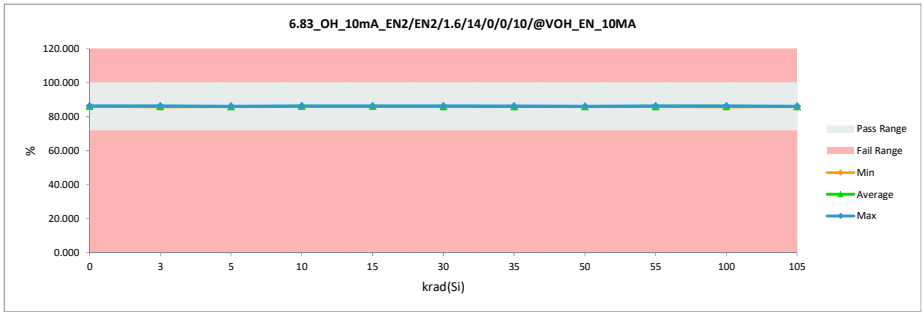
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.83_OH_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	86.426	86.418	-0.008
0	14	86.107	86.096	-0.011
0	15	86.196	86.172	-0.024
3	20	86.072	86.119	0.047
3	21	86.463	86.494	0.031
3	22	86.012	86.036	0.024
3	23	85.875	85.900	0.025
3	24	86.110	86.124	0.014
5	25	85.941	85.954	0.013
5	26	85.914	85.921	0.007
5	27	86.285	86.294	0.009
5	28	86.264	86.266	0.002
5	29	85.958	85.949	-0.009
10	30	85.956	86.042	0.086
10	31	86.204	86.296	0.092
10	32	86.332	86.427	0.095
10	33	86.121	86.210	0.089
10	34	86.235	86.293	0.058
15	35	86.121	86.193	0.072
15	36	86.224	86.332	0.108
15	37	86.031	86.066	0.035
15	38	86.305	86.351	0.046
15	39	86.291	86.334	0.043
30	40	86.159	86.437	0.278
30	41	85.667	85.983	0.316
30	42	85.917	86.224	0.307
30	43	86.069	86.362	0.293
30	44	85.665	85.979	0.314
35	45	85.889	86.050	0.161
35	46	85.632	85.988	0.356
35	47	86.212	86.364	0.152
35	48	85.859	86.023	0.164
35	49	85.885	86.058	0.173
50	50	85.396	85.967	0.571
50	51	85.423	85.978	0.555
50	52	85.611	86.149	0.538
50	53	85.465	86.011	0.546
50	54	85.747	86.214	0.467
55	55	85.438	85.978	0.540
55	56	85.827	86.367	0.540
55	57	85.641	86.143	0.502
55	58	85.623	85.927	0.304
55	59	86.149	86.409	0.260
100	60	85.189	86.194	1.005
100	61	84.854	85.891	1.037
100	62	85.021	86.044	1.023
100	63	85.462	86.419	0.957
100	64	85.251	86.218	0.967
105	65	85.678	86.280	0.602
105	66	85.711	86.277	0.566
105	67	84.800	85.938	1.138
105	68	84.874	85.970	1.096
105	69	85.239	85.887	0.648
	Max	86.463	86.494	1.138
	Average	85.826	86.151	0.325
	Min	84.800	85.887	-0.024
	Std Dev	0.418	0.175	0.345



	6.83_OH_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	86.096	85.900	85.921	86.042	86.066	85.979	85.988	85.967	85.927	85.891	85.887
Average	86.229	86.135	86.077	86.254	86.255	86.197	86.097	86.064	86.165	86.153	86.070
Max	86.418	86.494	86.294	86.427	86.351	86.437	86.364	86.214	86.409	86.419	86.280
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

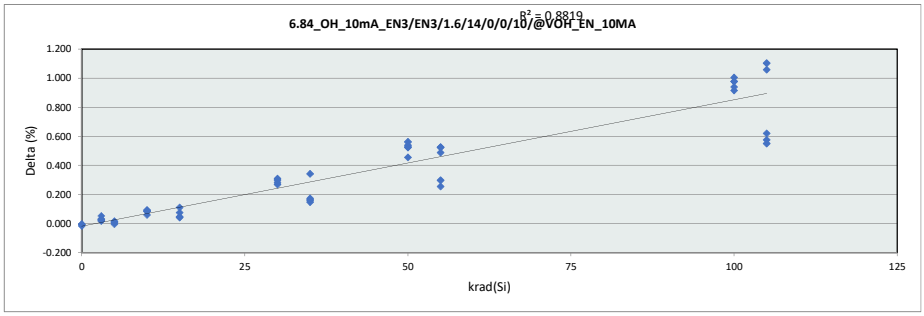


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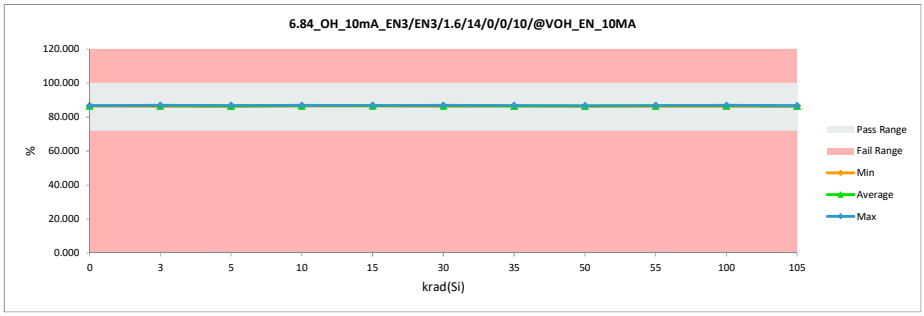
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.84_OH_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	86.770	86.764	-0.006
0	14	86.517	86.513	-0.004
0	15	86.609	86.593	-0.016
3	20	86.580	86.632	0.052
3	21	86.911	86.943	0.032
3	22	86.490	86.519	0.029
3	23	86.282	86.307	0.025
3	24	86.579	86.597	0.018
5	25	86.330	86.347	0.017
5	26	86.301	86.313	0.012
5	27	86.710	86.720	0.010
5	28	86.830	86.834	0.004
5	29	86.419	86.414	-0.005
10	30	86.313	86.399	0.086
10	31	86.734	86.819	0.085
10	32	86.810	86.904	0.094
10	33	86.593	86.685	0.092
10	34	86.716	86.775	0.059
15	35	86.529	86.605	0.076
15	36	86.588	86.699	0.111
15	37	86.449	86.490	0.041
15	38	86.817	86.864	0.047
15	39	86.797	86.841	0.044
30	40	86.664	86.933	0.269
30	41	86.227	86.532	0.305
30	42	86.488	86.784	0.296
30	43	86.613	86.894	0.281
30	44	86.053	86.363	0.310
35	45	86.378	86.538	0.160
35	46	86.097	86.439	0.342
35	47	86.703	86.850	0.147
35	48	86.375	86.540	0.165
35	49	86.284	86.458	0.174
50	50	85.784	86.346	0.562
50	51	85.909	86.448	0.539
50	52	86.056	86.584	0.528
50	53	86.026	86.549	0.523
50	54	86.189	86.645	0.456
55	55	85.921	86.446	0.525
55	56	86.256	86.780	0.524
55	57	86.150	86.639	0.489
55	58	86.064	86.361	0.297
55	59	86.589	86.844	0.255
100	60	85.645	86.621	0.976
100	61	85.291	86.296	1.005
100	62	85.541	86.520	0.979
100	63	85.965	86.881	0.916
100	64	85.709	86.648	0.939
105	65	86.152	86.728	0.576
105	66	86.162	86.712	0.550
105	67	85.227	86.330	1.103
105	68	85.309	86.368	1.059
105	69	85.709	86.329	0.620
	Max	86.911	86.943	1.103
	Average	86.287	86.603	0.316
	Min	85.227	86.296	-0.016
	Std Dev	0.420	0.194	0.332



	6.84_OH_10mA_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	86.513	86.307	86.313	86.399	86.490	86.363	86.439	86.346	86.361	86.296	86.329
Average	86.623	86.600	86.526	86.716	86.700	86.701	86.565	86.514	86.614	86.593	86.493
Max	86.764	86.943	86.834	86.904	86.864	86.933	86.850	86.645	86.844	86.881	86.728
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

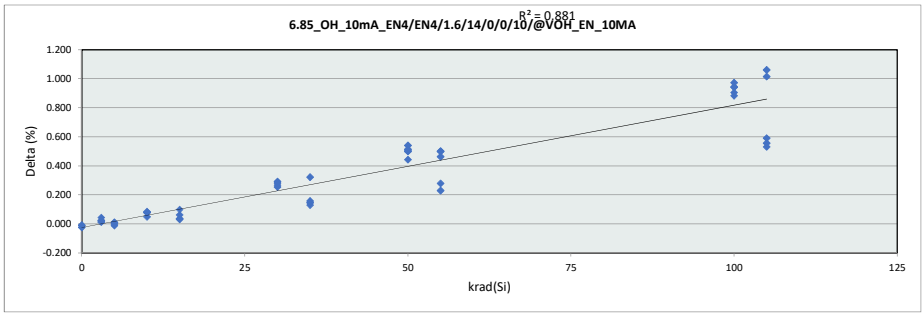


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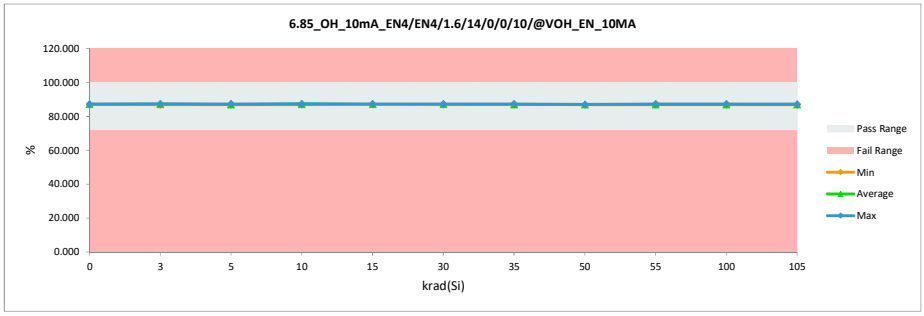
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.85_OH_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	87.305	87.297	-0.008
0	14	87.107	87.095	-0.012
0	15	87.128	87.104	-0.024
3	20	87.150	87.193	0.043
3	21	87.465	87.490	0.025
3	22	87.085	87.104	0.019
3	23	86.841	86.862	0.021
3	24	87.182	87.194	0.012
5	25	86.847	86.859	0.012
5	26	86.859	86.865	0.006
5	27	87.278	87.284	0.006
5	28	87.388	87.382	-0.006
5	29	86.918	86.905	-0.013
10	30	86.846	86.924	0.078
10	31	87.297	87.374	0.077
10	32	87.374	87.459	0.085
10	33	87.124	87.206	0.082
10	34	87.311	87.359	0.048
15	35	87.087	87.149	0.062
15	36	87.105	87.203	0.098
15	37	86.968	86.999	0.031
15	38	87.370	87.405	0.035
15	39	87.346	87.381	0.035
30	40	87.196	87.449	0.253
30	41	86.755	87.044	0.289
30	42	87.014	87.293	0.279
30	43	87.153	87.419	0.266
30	44	86.607	86.899	0.292
35	45	86.951	87.095	0.144
35	46	86.668	86.990	0.322
35	47	87.259	87.388	0.129
35	48	86.948	87.097	0.149
35	49	86.847	87.005	0.158
50	50	86.263	86.803	0.540
50	51	86.484	86.998	0.514
50	52	86.636	87.135	0.499
50	53	86.563	87.066	0.503
50	54	86.679	87.121	0.442
55	55	86.467	86.968	0.501
55	56	86.830	87.329	0.499
55	57	86.711	87.174	0.463
55	58	86.609	86.888	0.279
55	59	87.190	87.419	0.229
100	60	86.214	87.155	0.941
100	61	85.852	86.824	0.972
100	62	86.132	87.075	0.943
100	63	86.535	87.418	0.883
100	64	86.278	87.182	0.904
105	65	86.697	87.253	0.556
105	66	86.736	87.267	0.531
105	67	85.817	86.877	1.060
105	68	85.952	86.966	1.014
105	69	86.260	86.850	0.590
	Max	87.465	87.490	1.060
	Average	86.843	87.142	0.299
	Min	85.817	86.803	-0.024
	Std Dev	0.415	0.198	0.322



	6.85_OH_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	87.095	86.862	86.859	86.924	86.999	86.899	86.990	86.803	86.888	86.824	86.850
Average	87.165	87.169	87.059	87.264	87.227	87.221	87.115	87.025	87.156	87.131	87.043
Max	87.297	87.490	87.382	87.459	87.405	87.449	87.388	87.135	87.419	87.418	87.267
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

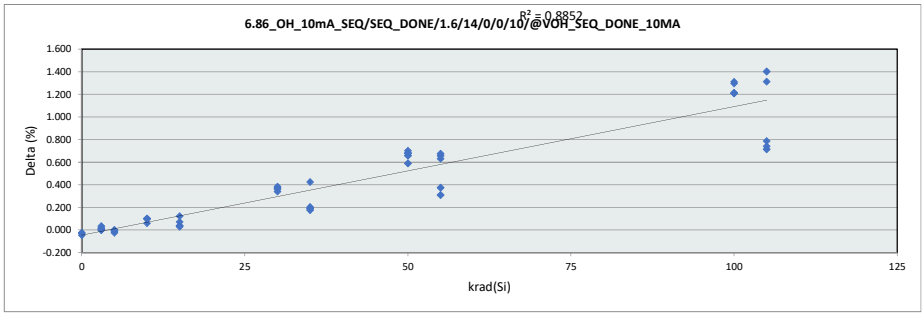


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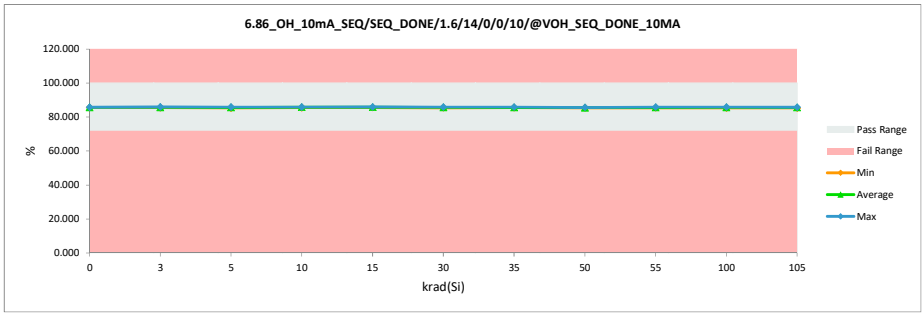
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.86_OH_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	85.879	85.855	-0.024
0	14	85.689	85.660	-0.029
0	15	85.703	85.656	-0.047
3	20	85.760	85.794	0.034
3	21	85.990	86.009	0.019
3	22	85.612	85.621	0.009
3	23	85.484	85.486	0.002
3	24	85.670	85.668	-0.002
5	25	85.367	85.367	0.000
5	26	85.368	85.361	-0.007
5	27	85.749	85.746	-0.003
5	28	85.914	85.899	-0.015
5	29	85.533	85.507	-0.026
10	30	85.463	85.559	0.096
10	31	85.732	85.832	0.100
10	32	85.841	85.943	0.102
10	33	85.582	85.682	0.100
10	34	85.769	85.829	0.060
15	35	85.622	85.694	0.072
15	36	85.657	85.780	0.123
15	37	85.599	85.628	0.029
15	38	85.952	85.990	0.038
15	39	85.819	85.857	0.038
30	40	85.601	85.941	0.340
30	41	85.062	85.447	0.385
30	42	85.408	85.775	0.367
30	43	85.467	85.829	0.362
30	44	85.186	85.563	0.377
35	45	85.352	85.546	0.194
35	46	85.093	85.517	0.424
35	47	85.691	85.867	0.176
35	48	85.546	85.734	0.188
35	49	85.307	85.511	0.204
50	50	84.722	85.423	0.701
50	51	84.881	85.563	0.682
50	52	85.015	85.672	0.657
50	53	84.826	85.503	0.677
50	54	85.078	85.668	0.590
55	55	84.799	85.473	0.674
55	56	85.141	85.796	0.655
55	57	84.991	85.622	0.631
55	58	85.061	85.435	0.374
55	59	85.609	85.918	0.309
100	60	84.390	85.685	1.295
100	61	84.040	85.351	1.311
100	62	84.598	85.807	1.209
100	63	84.711	85.920	1.209
100	64	84.442	85.655	1.213
105	65	85.057	85.798	0.741
105	66	85.119	85.833	0.714
105	67	84.004	85.405	1.401
105	68	84.203	85.515	1.312
105	69	84.581	85.367	0.786
	Max	85.990	86.009	1.401
	Average	85.278	85.671	0.393
	Min	84.004	85.351	-0.047
	Std Dev	0.507	0.182	0.433



	6.86_OH_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	85.656	85.486	85.361	85.559	85.628	85.447	85.511	85.423	85.435	85.351	85.367
Average	85.724	85.716	85.576	85.769	85.790	85.711	85.635	85.566	85.649	85.684	85.584
Max	85.855	86.009	85.899	85.943	85.990	85.941	85.867	85.672	85.918	85.920	85.833
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

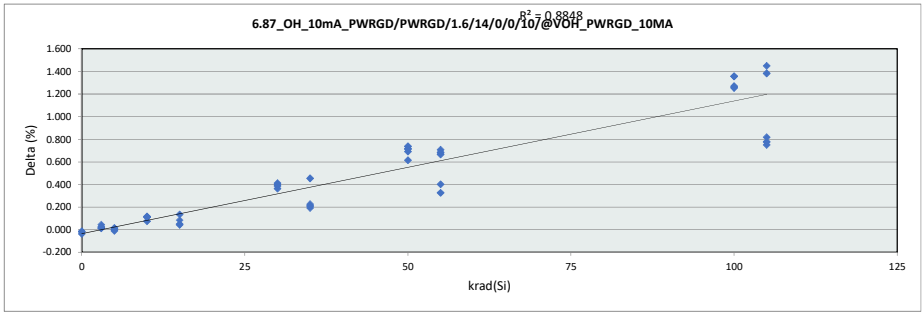


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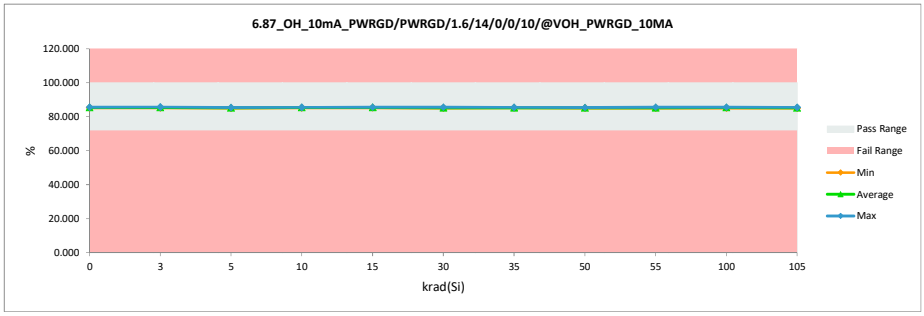
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.87_OH_10mA_PWRGD/F	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	85.605	85.591	-0.014
0	14	85.335	85.316	-0.019
0	15	85.345	85.307	-0.038
3	20	85.485	85.529	0.044
3	21	85.678	85.707	0.029
3	22	85.275	85.294	0.019
3	23	85.184	85.197	0.013
3	24	85.256	85.268	0.012
5	25	85.059	85.074	0.015
5	26	85.038	85.040	0.002
5	27	85.412	85.418	0.006
5	28	85.427	85.423	-0.004
5	29	85.118	85.106	-0.012
10	30	85.127	85.236	0.109
10	31	85.356	85.472	0.116
10	32	85.430	85.543	0.113
10	33	85.242	85.355	0.113
10	34	85.425	85.499	0.074
15	35	85.348	85.432	0.084
15	36	85.305	85.440	0.135
15	37	85.262	85.303	0.041
15	38	85.577	85.624	0.047
15	39	85.479	85.529	0.050
30	40	85.243	85.606	0.363
30	41	84.668	85.081	0.413
30	42	85.017	85.410	0.393
30	43	85.059	85.444	0.385
30	44	84.789	85.193	0.404
35	45	85.018	85.228	0.210
35	46	84.743	85.196	0.453
35	47	85.307	85.499	0.192
35	48	85.054	85.264	0.210
35	49	84.977	85.202	0.225
50	50	84.373	85.109	0.736
50	51	84.537	85.252	0.715
50	52	84.690	85.380	0.690
50	53	84.416	85.128	0.712
50	54	84.744	85.358	0.614
55	55	84.426	85.133	0.707
55	56	84.848	85.531	0.683
55	57	84.577	85.243	0.666
55	58	84.680	85.080	0.400
55	59	85.313	85.639	0.326
100	60	83.975	85.330	1.355
100	61	83.752	85.107	1.355
100	62	84.219	85.472	1.253
100	63	84.313	85.582	1.269
100	64	84.067	85.326	1.259
105	65	84.665	85.441	0.776
105	66	84.776	85.526	0.750
105	67	83.679	85.128	1.449
105	68	83.722	85.104	1.382
105	69	84.268	85.085	0.817
	Max	85.678	85.707	1.449
	Average	84.919	85.335	0.417
	Min	83.679	85.040	-0.038
	Std Dev	0.514	0.179	0.447



	6.87_OH_10mA_PWRGD										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	85.307	85.197	85.040	85.236	85.303	85.081	85.196	85.109	85.080	85.107	85.085
Average	85.405	85.399	85.212	85.421	85.466	85.347	85.278	85.245	85.325	85.363	85.257
Max	85.591	85.707	85.423	85.543	85.624	85.606	85.499	85.380	85.639	85.582	85.526
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

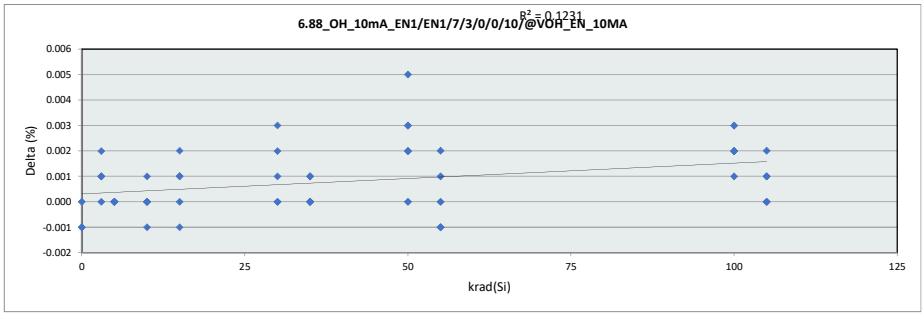


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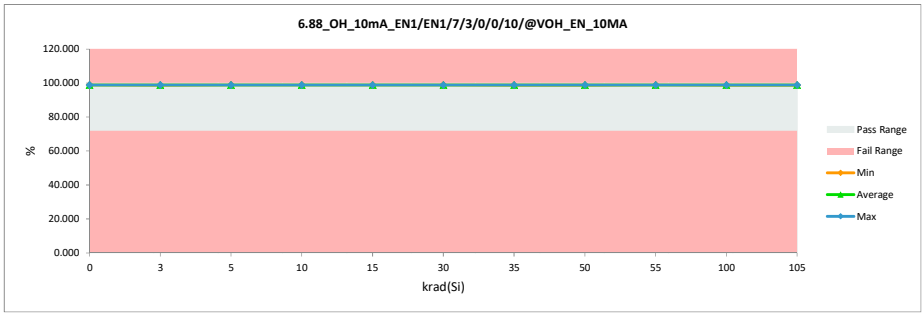
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.88_OH_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.884	98.883	-0.001
0	14	98.870	98.870	0.000
0	15	98.881	98.880	-0.001
3	20	98.869	98.871	0.002
3	21	98.882	98.883	0.001
3	22	98.873	98.874	0.001
3	23	98.867	98.868	0.001
3	24	98.877	98.877	0.000
5	25	98.875	98.875	0.000
5	26	98.871	98.871	0.000
5	27	98.879	98.879	0.000
5	28	98.875	98.875	0.000
5	29	98.875	98.875	0.000
10	30	98.870	98.870	0.000
10	31	98.879	98.879	0.000
10	32	98.874	98.875	0.001
10	33	98.873	98.873	0.000
10	34	98.881	98.880	-0.001
15	35	98.868	98.870	0.002
15	36	98.881	98.882	0.001
15	37	98.877	98.876	-0.001
15	38	98.886	98.886	0.000
15	39	98.869	98.870	0.001
30	40	98.881	98.881	0.000
30	41	98.869	98.869	0.000
30	42	98.871	98.873	0.002
30	43	98.878	98.879	0.001
30	44	98.868	98.871	0.003
35	45	98.872	98.872	0.000
35	46	98.869	98.869	0.000
35	47	98.881	98.881	0.000
35	48	98.866	98.867	0.001
35	49	98.871	98.872	0.001
50	50	98.866	98.871	0.005
50	51	98.874	98.877	0.003
50	52	98.870	98.872	0.002
50	53	98.866	98.868	0.002
50	54	98.877	98.877	0.000
55	55	98.867	98.869	0.002
55	56	98.879	98.880	0.001
55	57	98.877	98.877	0.000
55	58	98.871	98.870	-0.001
55	59	98.879	98.878	-0.001
100	60	98.874	98.876	0.002
100	61	98.865	98.866	0.001
100	62	98.866	98.868	0.002
100	63	98.876	98.878	0.002
100	64	98.869	98.872	0.003
105	65	98.876	98.877	0.001
105	66	98.868	98.868	0.000
105	67	98.869	98.870	0.001
105	68	98.868	98.870	0.002
105	69	98.873	98.873	0.000
	Max	98.886	98.886	0.005
	Average	98.873	98.874	0.001
	Min	98.865	98.866	-0.001
	Std Dev	0.005	0.005	0.001



	6.88_OH_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.870	98.868	98.871	98.870	98.870	98.869	98.867	98.868	98.869	98.866	98.868
Average	98.878	98.875	98.875	98.875	98.877	98.875	98.872	98.873	98.875	98.872	98.872
Max	98.883	98.883	98.879	98.880	98.886	98.881	98.881	98.877	98.880	98.878	98.877
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

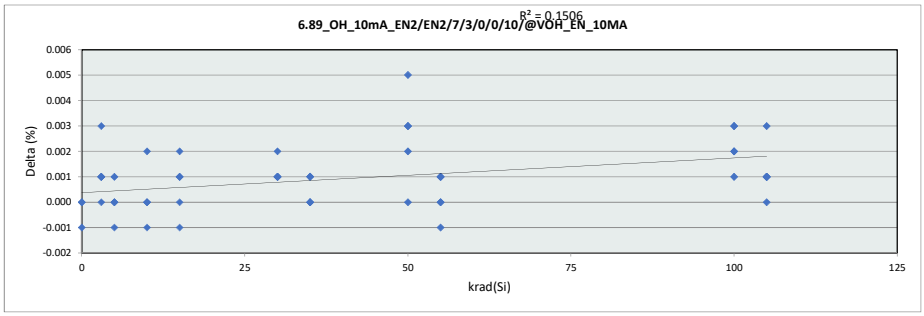


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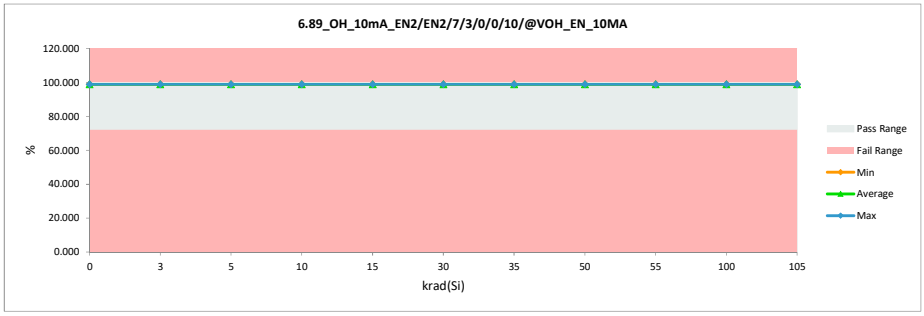
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.89_OH_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.898	98.898	0.000
0	14	98.885	98.884	-0.001
0	15	98.897	98.897	0.000
3	20	98.875	98.878	0.003
3	21	98.898	98.899	0.001
3	22	98.889	98.890	0.001
3	23	98.885	98.886	0.001
3	24	98.889	98.889	0.000
5	25	98.889	98.889	0.000
5	26	98.882	98.882	0.000
5	27	98.897	98.896	-0.001
5	28	98.892	98.893	0.001
5	29	98.885	98.885	0.000
10	30	98.885	98.885	0.000
10	31	98.893	98.893	0.000
10	32	98.889	98.891	0.002
10	33	98.892	98.892	0.000
10	34	98.895	98.894	-0.001
15	35	98.886	98.888	0.002
15	36	98.893	98.894	0.001
15	37	98.887	98.886	-0.001
15	38	98.900	98.901	0.001
15	39	98.888	98.888	0.000
30	40	98.894	98.895	0.001
30	41	98.888	98.889	0.001
30	42	98.888	98.889	0.001
30	43	98.891	98.892	0.001
30	44	98.885	98.887	0.002
35	45	98.889	98.889	0.000
35	46	98.882	98.882	0.000
35	47	98.895	98.896	0.001
35	48	98.888	98.888	0.000
35	49	98.882	98.883	0.001
50	50	98.881	98.886	0.005
50	51	98.886	98.889	0.003
50	52	98.883	98.886	0.003
50	53	98.889	98.891	0.002
50	54	98.894	98.894	0.000
55	55	98.886	98.887	0.001
55	56	98.893	98.894	0.001
55	57	98.895	98.895	0.000
55	58	98.888	98.888	0.000
55	59	98.895	98.894	-0.001
100	60	98.892	98.894	0.002
100	61	98.878	98.879	0.001
100	62	98.879	98.881	0.002
100	63	98.892	98.895	0.003
100	64	98.885	98.888	0.003
105	65	98.891	98.892	0.001
105	66	98.888	98.888	0.000
105	67	98.889	98.890	0.001
105	68	98.886	98.889	0.003
105	69	98.884	98.885	0.001
	Max	98.900	98.901	0.005
	Average	98.889	98.890	0.001
	Min	98.875	98.878	-0.001
	Std Dev	0.005	0.005	0.001



	6.89_OH_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.884	98.878	98.882	98.885	98.886	98.887	98.882	98.886	98.887	98.879	98.885
Average	98.893	98.888	98.889	98.891	98.891	98.890	98.888	98.889	98.892	98.887	98.889
Max	98.898	98.899	98.896	98.894	98.901	98.895	98.896	98.894	98.895	98.895	98.892
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

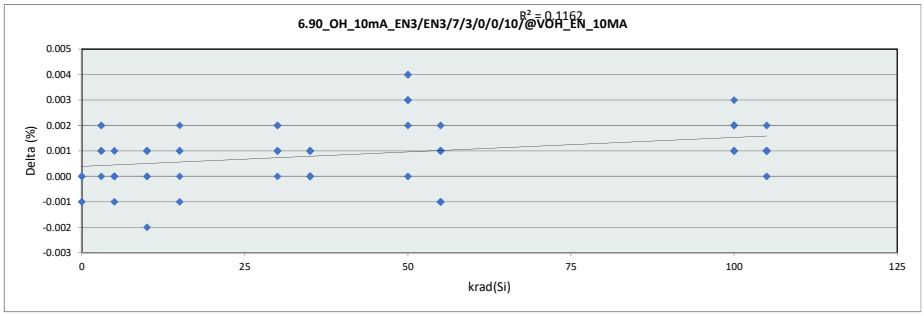


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

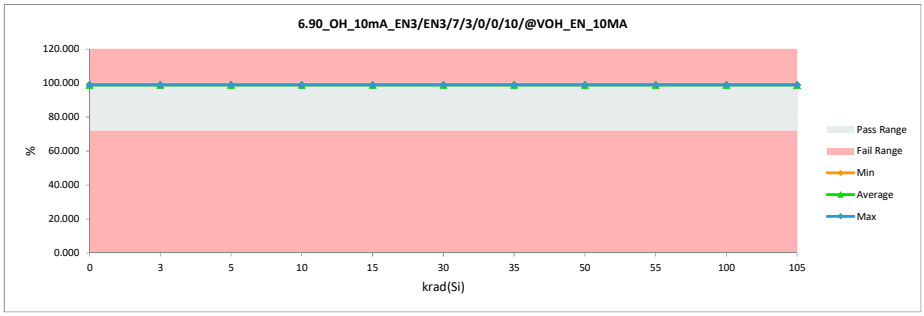
	6.90_OH_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.942	98.942	0.000
0	14	98.931	98.931	0.000
0	15	98.944	98.943	-0.001
3	20	98.930	98.932	0.002
3	21	98.948	98.949	0.001
3	22	98.942	98.943	0.001
3	23	98.932	98.934	0.002
3	24	98.939	98.939	0.000
5	25	98.936	98.936	0.000
5	26	98.931	98.932	0.001
5	27	98.945	98.944	-0.001
5	28	98.949	98.949	0.000
5	29	98.938	98.938	0.000
10	30	98.929	98.929	0.000
10	31	98.950	98.950	0.000
10	32	98.942	98.943	0.001
10	33	98.944	98.945	0.001
10	34	98.947	98.945	-0.002
15	35	98.932	98.934	0.002
15	36	98.939	98.939	0.000
15	37	98.940	98.939	-0.001
15	38	98.951	98.952	0.001
15	39	98.942	98.943	0.001
30	40	98.949	98.949	0.000
30	41	98.940	98.941	0.001
30	42	98.942	98.944	0.002
30	43	98.947	98.948	0.001
30	44	98.931	98.933	0.002
35	45	98.940	98.940	0.000
35	46	98.931	98.931	0.000
35	47	98.946	98.947	0.001
35	48	98.940	98.940	0.000
35	49	98.933	98.934	0.001
50	50	98.929	98.933	0.004
50	51	98.938	98.941	0.003
50	52	98.933	98.936	0.003
50	53	98.943	98.945	0.002
50	54	98.943	98.943	0.000
55	55	98.936	98.937	0.001
55	56	98.941	98.943	0.002
55	57	98.945	98.946	0.001
55	58	98.938	98.937	-0.001
55	59	98.944	98.943	-0.001
100	60	98.940	98.941	0.001
100	61	98.927	98.928	0.001
100	62	98.927	98.930	0.003
100	63	98.943	98.945	0.002
100	64	98.937	98.939	0.002
105	65	98.939	98.940	0.001
105	66	98.935	98.935	0.000
105	67	98.935	98.936	0.001
105	68	98.933	98.935	0.002
105	69	98.933	98.934	0.001
	Max	98.951	98.952	0.004
	Average	98.939	98.940	0.001
	Min	98.927	98.928	-0.002
	Std Dev	0.006	0.006	0.001



	6.90_OH_10mA_EN3/EN
Test Site	
Tester	
Test Number	
Max Limit	100 %
Min Limit	72 %

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.931	98.932	98.932	98.929	98.934	98.933	98.931	98.933	98.937	98.928	98.934
Average	98.939	98.939	98.940	98.942	98.941	98.943	98.938	98.940	98.941	98.937	98.936
Max	98.943	98.949	98.949	98.950	98.952	98.949	98.947	98.945	98.946	98.945	98.940
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

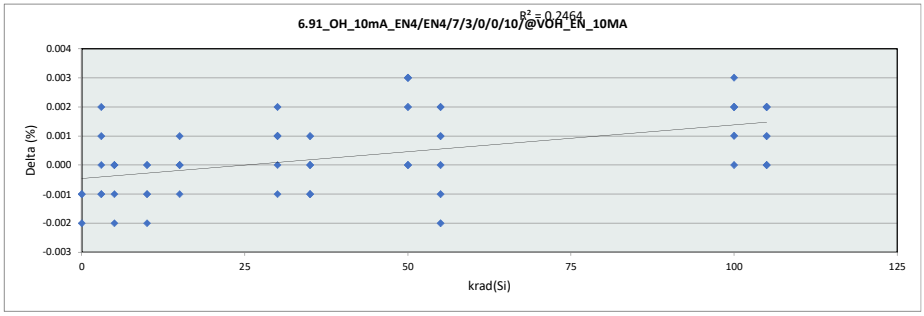


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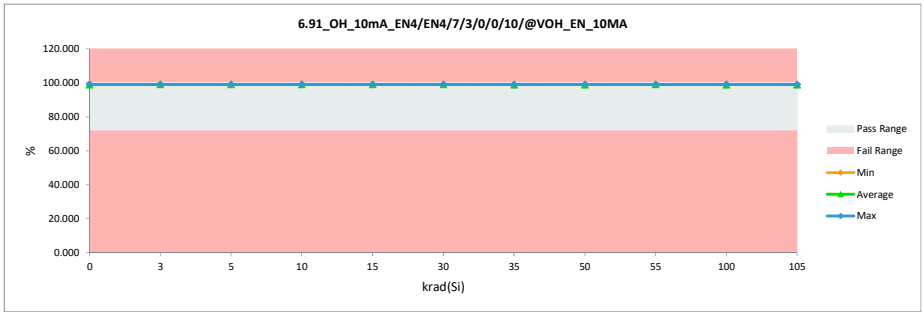
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.91_OH_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.023	99.021	-0.002
0	14	99.014	99.013	-0.001
0	15	99.022	99.021	-0.001
3	20	99.013	99.015	0.002
3	21	99.030	99.029	-0.001
3	22	99.024	99.023	-0.001
3	23	99.013	99.014	0.001
3	24	99.024	99.024	0.000
5	25	99.016	99.016	0.000
5	26	99.010	99.010	0.000
5	27	99.030	99.028	-0.002
5	28	99.029	99.028	-0.001
5	29	99.015	99.015	0.000
10	30	99.010	99.009	-0.001
10	31	99.030	99.029	-0.001
10	32	99.027	99.027	0.000
10	33	99.023	99.023	0.000
10	34	99.031	99.029	-0.002
15	35	99.013	99.014	0.001
15	36	99.019	99.019	0.000
15	37	99.018	99.018	0.000
15	38	99.031	99.030	-0.001
15	39	99.023	99.023	0.000
30	40	99.026	99.025	-0.001
30	41	99.018	99.019	0.001
30	42	99.020	99.021	0.001
30	43	99.026	99.026	0.000
30	44	99.012	99.014	0.002
35	45	99.020	99.019	-0.001
35	46	99.013	99.013	0.000
35	47	99.028	99.027	-0.001
35	48	99.020	99.020	0.000
35	49	99.014	99.015	0.001
50	50	99.003	99.006	0.003
50	51	99.018	99.021	0.003
50	52	99.014	99.016	0.002
50	53	99.025	99.025	0.000
50	54	99.020	99.020	0.000
55	55	99.015	99.017	0.002
55	56	99.022	99.023	0.001
55	57	99.027	99.027	0.000
55	58	99.016	99.015	-0.001
55	59	99.028	99.026	-0.002
100	60	99.020	99.021	0.001
100	61	99.006	99.006	0.000
100	62	99.012	99.014	0.002
100	63	99.023	99.025	0.002
100	64	99.018	99.021	0.003
105	65	99.018	99.020	0.002
105	66	99.018	99.018	0.000
105	67	99.014	99.014	0.000
105	68	99.016	99.018	0.002
105	69	99.010	99.011	0.001
	Max	99.031	99.030	0.003
	Average	99.019	99.020	0.000
	Min	99.003	99.006	-0.002
	Std Dev	0.007	0.006	0.001



	6.91_OH_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	99.013	99.014	99.010	99.009	99.014	99.014	99.013	99.006	99.015	99.006	99.011
Average	99.018	99.021	99.019	99.023	99.021	99.021	99.019	99.018	99.022	99.017	99.016
Max	99.021	99.029	99.028	99.029	99.030	99.026	99.027	99.025	99.027	99.025	99.020
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

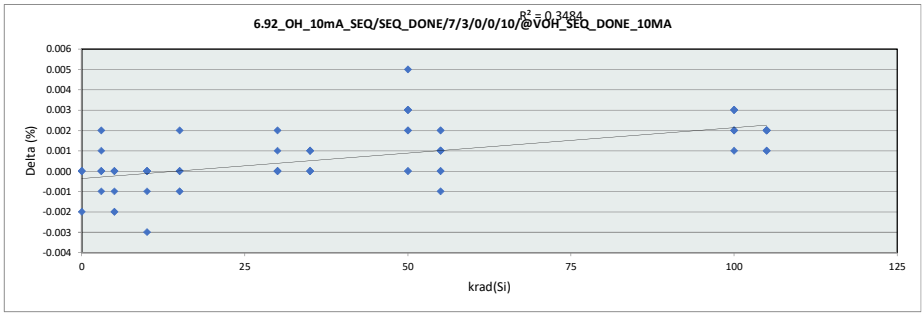


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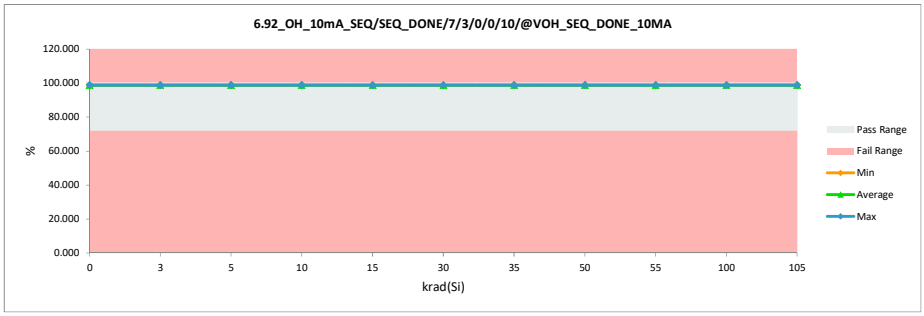
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.92_OH_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.794	98.794	0.000
0	14	98.785	98.785	0.000
0	15	98.797	98.795	-0.002
3	20	98.772	98.774	0.002
3	21	98.797	98.798	0.001
3	22	98.794	98.794	0.000
3	23	98.786	98.786	0.000
3	24	98.787	98.786	-0.001
5	25	98.783	98.782	-0.001
5	26	98.782	98.782	0.000
5	27	98.791	98.789	-0.002
5	28	98.802	98.802	0.000
5	29	98.791	98.789	-0.002
10	30	98.787	98.786	-0.001
10	31	98.793	98.793	0.000
10	32	98.791	98.791	0.000
10	33	98.793	98.793	0.000
10	34	98.796	98.793	-0.003
15	35	98.785	98.787	0.002
15	36	98.792	98.792	0.000
15	37	98.787	98.786	-0.001
15	38	98.800	98.800	0.000
15	39	98.788	98.787	-0.001
30	40	98.795	98.795	0.000
30	41	98.784	98.784	0.000
30	42	98.787	98.787	0.000
30	43	98.790	98.791	0.001
30	44	98.789	98.791	0.002
35	45	98.786	98.786	0.000
35	46	98.779	98.780	0.001
35	47	98.795	98.796	0.001
35	48	98.795	98.795	0.000
35	49	98.777	98.778	0.001
50	50	98.779	98.784	0.005
50	51	98.790	98.793	0.003
50	52	98.780	98.783	0.003
50	53	98.787	98.789	0.002
50	54	98.785	98.785	0.000
55	55	98.784	98.785	0.001
55	56	98.788	98.790	0.002
55	57	98.792	98.793	0.001
55	58	98.787	98.787	0.000
55	59	98.792	98.791	-0.001
100	60	98.790	98.793	0.003
100	61	98.775	98.776	0.001
100	62	98.773	98.775	0.002
100	63	98.793	98.796	0.003
100	64	98.783	98.785	0.002
105	65	98.791	98.793	0.002
105	66	98.785	98.786	0.001
105	67	98.784	98.786	0.002
105	68	98.786	98.788	0.002
105	69	98.781	98.782	0.001
	Max	98.802	98.802	0.005
	Average	98.788	98.788	0.001
	Min	98.772	98.774	-0.003
	Std Dev	0.006	0.006	0.002



	6.92_OH_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.785	98.774	98.782	98.786	98.786	98.784	98.778	98.783	98.785	98.775	98.782
Average	98.791	98.788	98.789	98.791	98.790	98.790	98.787	98.787	98.789	98.785	98.787
Max	98.795	98.798	98.802	98.793	98.800	98.795	98.796	98.793	98.793	98.796	98.793
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

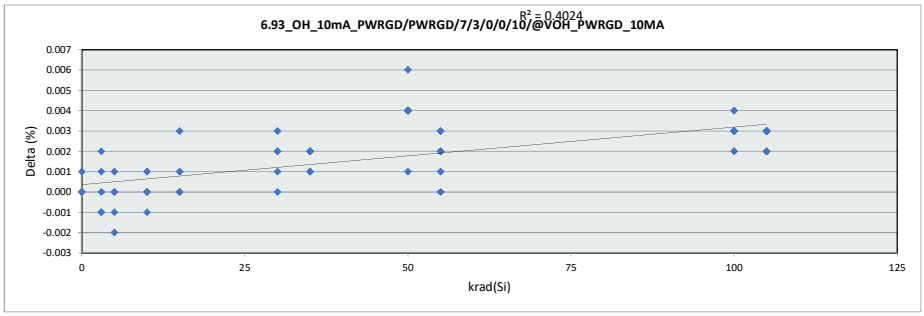


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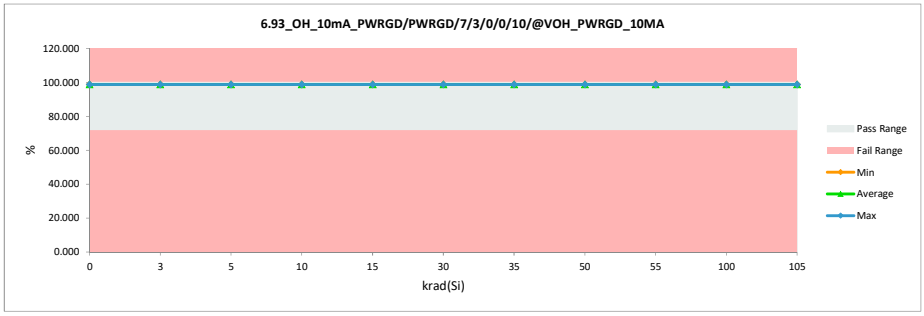
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.93_OH_10mA_PWRGD/F	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.758	98.759	0.001
0	14	98.745	98.745	0.000
0	15	98.756	98.756	0.000
3	20	98.738	98.740	0.002
3	21	98.761	98.762	0.001
3	22	98.759	98.759	0.000
3	23	98.754	98.753	-0.001
3	24	98.745	98.744	-0.001
5	25	98.748	98.748	0.000
5	26	98.744	98.745	0.001
5	27	98.754	98.752	-0.002
5	28	98.759	98.759	0.000
5	29	98.750	98.749	-0.001
10	30	98.746	98.746	0.000
10	31	98.756	98.756	0.000
10	32	98.750	98.751	0.001
10	33	98.755	98.756	0.001
10	34	98.756	98.755	-0.001
15	35	98.749	98.752	0.003
15	36	98.752	98.753	0.001
15	37	98.749	98.749	0.000
15	38	98.760	98.761	0.001
15	39	98.750	98.750	0.000
30	40	98.759	98.759	0.000
30	41	98.745	98.746	0.001
30	42	98.748	98.750	0.002
30	43	98.749	98.751	0.002
30	44	98.748	98.751	0.003
35	45	98.751	98.753	0.002
35	46	98.742	98.744	0.002
35	47	98.754	98.756	0.002
35	48	98.751	98.752	0.001
35	49	98.739	98.740	0.001
50	50	98.742	98.748	0.006
50	51	98.752	98.756	0.004
50	52	98.745	98.749	0.004
50	53	98.746	98.750	0.004
50	54	98.747	98.748	0.001
55	55	98.746	98.749	0.003
55	56	98.754	98.756	0.002
55	57	98.754	98.756	0.002
55	58	98.748	98.749	0.001
55	59	98.758	98.758	0.000
100	60	98.754	98.757	0.003
100	61	98.742	98.744	0.002
100	62	98.737	98.740	0.003
100	63	98.756	98.760	0.004
100	64	98.746	98.749	0.003
105	65	98.753	98.756	0.003
105	66	98.748	98.750	0.002
105	67	98.747	98.750	0.003
105	68	98.748	98.751	0.003
105	69	98.749	98.751	0.002
	Max	98.761	98.762	0.006
	Average	98.750	98.751	0.001
	Min	98.737	98.740	-0.002
	Std Dev	0.006	0.005	0.002



	6.93_OH_10mA_PWRGD_										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.745	98.740	98.745	98.746	98.749	98.746	98.740	98.748	98.749	98.740	98.750
Average	98.753	98.752	98.751	98.753	98.753	98.751	98.749	98.750	98.754	98.750	98.752
Max	98.759	98.762	98.759	98.756	98.761	98.759	98.756	98.756	98.758	98.760	98.756
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

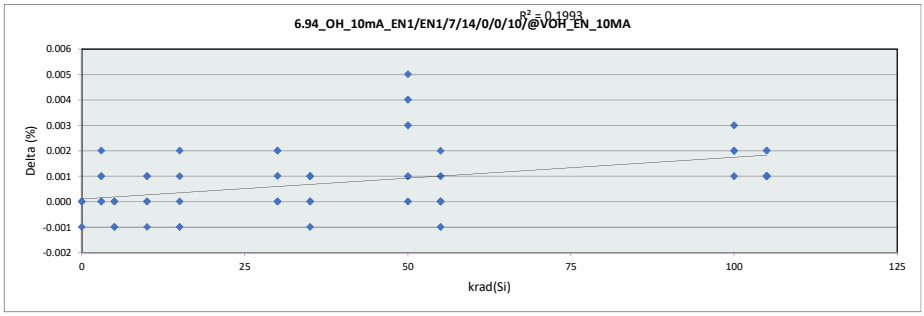


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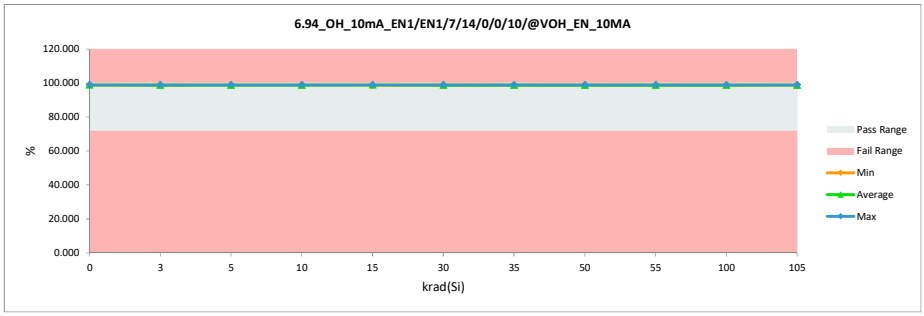
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.94_OH_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.883	98.883	0.000
0	14	98.870	98.869	-0.001
0	15	98.880	98.880	0.000
3	20	98.868	98.870	0.002
3	21	98.882	98.882	0.000
3	22	98.873	98.874	0.001
3	23	98.866	98.867	0.001
3	24	98.877	98.877	0.000
5	25	98.875	98.874	-0.001
5	26	98.870	98.870	0.000
5	27	98.879	98.878	-0.001
5	28	98.875	98.874	-0.001
5	29	98.875	98.875	0.000
10	30	98.870	98.870	0.000
10	31	98.878	98.878	0.000
10	32	98.874	98.875	0.001
10	33	98.872	98.873	0.001
10	34	98.880	98.879	-0.001
15	35	98.867	98.869	0.002
15	36	98.881	98.881	0.000
15	37	98.877	98.876	-0.001
15	38	98.885	98.886	0.001
15	39	98.870	98.869	-0.001
30	40	98.880	98.880	0.000
30	41	98.868	98.869	0.001
30	42	98.870	98.872	0.002
30	43	98.878	98.878	0.000
30	44	98.868	98.870	0.002
35	45	98.872	98.871	-0.001
35	46	98.868	98.868	0.000
35	47	98.880	98.880	0.000
35	48	98.865	98.866	0.001
35	49	98.870	98.871	0.001
50	50	98.866	98.871	0.005
50	51	98.874	98.877	0.003
50	52	98.868	98.872	0.004
50	53	98.866	98.867	0.001
50	54	98.876	98.876	0.000
55	55	98.867	98.868	0.001
55	56	98.878	98.880	0.002
55	57	98.877	98.877	0.000
55	58	98.870	98.870	0.000
55	59	98.879	98.878	-0.001
100	60	98.873	98.875	0.002
100	61	98.864	98.865	0.001
100	62	98.865	98.867	0.002
100	63	98.875	98.877	0.002
100	64	98.869	98.872	0.003
105	65	98.875	98.876	0.001
105	66	98.866	98.867	0.001
105	67	98.868	98.869	0.001
105	68	98.867	98.869	0.002
105	69	98.872	98.873	0.001
	Max	98.885	98.886	0.005
	Average	98.873	98.874	0.001
	Min	98.864	98.865	-0.001
	Std Dev	0.005	0.005	0.001



	6.94_OH_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.869	98.867	98.870	98.870	98.869	98.869	98.866	98.867	98.868	98.865	98.867
Average	98.877	98.874	98.874	98.875	98.876	98.874	98.871	98.873	98.875	98.871	98.871
Max	98.883	98.882	98.878	98.879	98.886	98.880	98.880	98.877	98.880	98.877	98.876
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

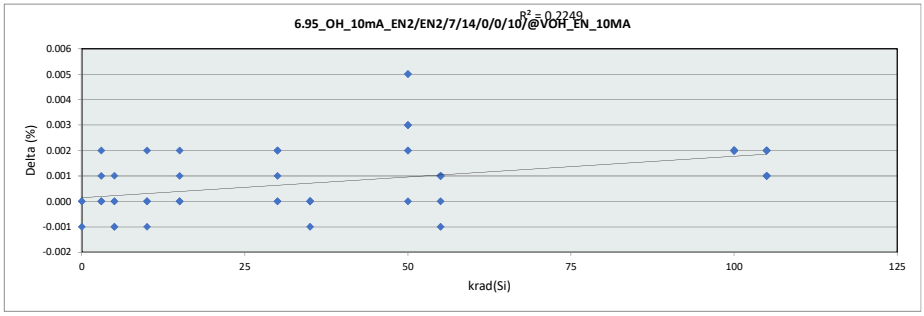


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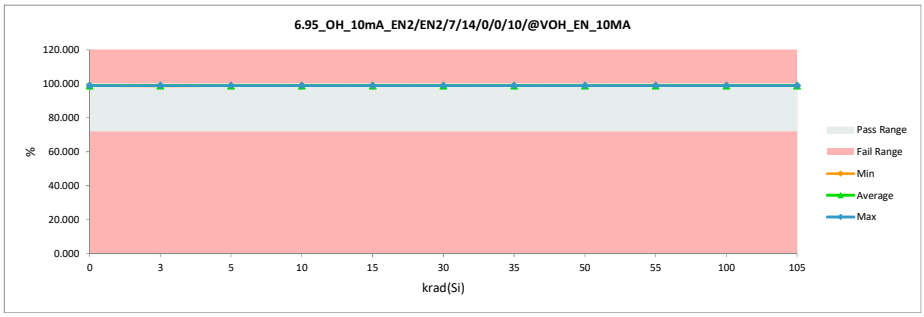
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.95_OH_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.897	98.897	0.000
0	14	98.885	98.884	-0.001
0	15	98.896	98.896	0.000
3	20	98.875	98.877	0.002
3	21	98.898	98.898	0.000
3	22	98.889	98.889	0.000
3	23	98.884	98.885	0.001
3	24	98.888	98.888	0.000
5	25	98.889	98.888	-0.001
5	26	98.881	98.882	0.001
5	27	98.896	98.896	0.000
5	28	98.892	98.892	0.000
5	29	98.885	98.884	-0.001
10	30	98.885	98.885	0.000
10	31	98.892	98.892	0.000
10	32	98.889	98.891	0.002
10	33	98.891	98.891	0.000
10	34	98.894	98.893	-0.001
15	35	98.885	98.887	0.002
15	36	98.893	98.893	0.000
15	37	98.886	98.886	0.000
15	38	98.899	98.900	0.001
15	39	98.888	98.888	0.000
30	40	98.894	98.894	0.000
30	41	98.888	98.888	0.000
30	42	98.887	98.889	0.002
30	43	98.891	98.892	0.001
30	44	98.885	98.887	0.002
35	45	98.889	98.888	-0.001
35	46	98.881	98.881	0.000
35	47	98.895	98.895	0.000
35	48	98.887	98.887	0.000
35	49	98.882	98.882	0.000
50	50	98.880	98.885	0.005
50	51	98.885	98.888	0.003
50	52	98.882	98.885	0.003
50	53	98.888	98.890	0.002
50	54	98.893	98.893	0.000
55	55	98.885	98.886	0.001
55	56	98.893	98.894	0.001
55	57	98.894	98.895	0.001
55	58	98.887	98.887	0.000
55	59	98.894	98.893	-0.001
100	60	98.891	98.893	0.002
100	61	98.877	98.879	0.002
100	62	98.878	98.880	0.002
100	63	98.892	98.894	0.002
100	64	98.885	98.887	0.002
105	65	98.890	98.892	0.002
105	66	98.887	98.888	0.001
105	67	98.888	98.889	0.001
105	68	98.886	98.888	0.002
105	69	98.884	98.885	0.001
	Max	98.899	98.900	0.005
	Average	98.888	98.889	0.001
	Min	98.875	98.877	-0.001
	Std Dev	0.005	0.005	0.001



	6.95_OH_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.884	98.877	98.882	98.885	98.886	98.887	98.881	98.885	98.886	98.879	98.885
Average	98.892	98.887	98.888	98.890	98.891	98.890	98.887	98.888	98.891	98.887	98.888
Max	98.897	98.898	98.896	98.893	98.900	98.894	98.895	98.893	98.895	98.894	98.892
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

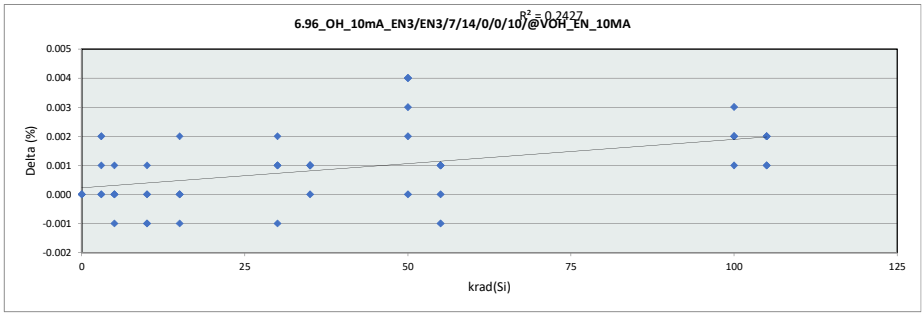


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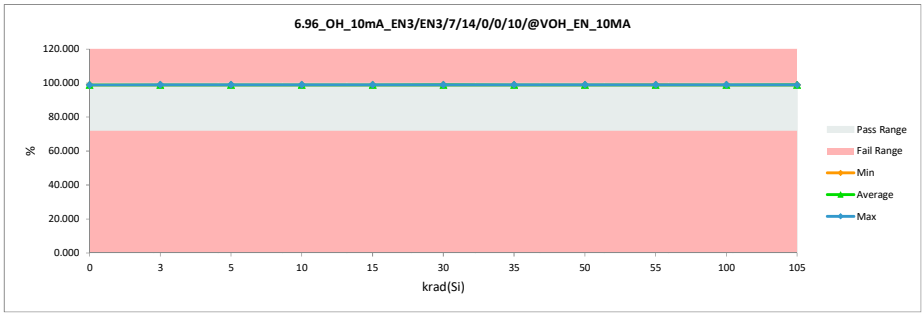
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.96_OH_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.941	98.941	0.000
0	14	98.931	98.931	0.000
0	15	98.943	98.943	0.000
3	20	98.929	98.931	0.002
3	21	98.948	98.948	0.000
3	22	98.942	98.943	0.001
3	23	98.931	98.933	0.002
3	24	98.939	98.939	0.000
5	25	98.935	98.935	0.000
5	26	98.930	98.931	0.001
5	27	98.944	98.943	-0.001
5	28	98.949	98.949	0.000
5	29	98.938	98.938	0.000
10	30	98.929	98.929	0.000
10	31	98.950	98.949	-0.001
10	32	98.942	98.943	0.001
10	33	98.944	98.944	0.000
10	34	98.946	98.945	-0.001
15	35	98.931	98.933	0.002
15	36	98.938	98.938	0.000
15	37	98.939	98.938	-0.001
15	38	98.951	98.951	0.000
15	39	98.942	98.942	0.000
30	40	98.949	98.948	-0.001
30	41	98.940	98.941	0.001
30	42	98.942	98.943	0.001
30	43	98.947	98.948	0.001
30	44	98.931	98.933	0.002
35	45	98.939	98.939	0.000
35	46	98.930	98.931	0.001
35	47	98.945	98.946	0.001
35	48	98.939	98.940	0.001
35	49	98.932	98.933	0.001
50	50	98.928	98.932	0.004
50	51	98.937	98.941	0.004
50	52	98.932	98.935	0.003
50	53	98.942	98.944	0.002
50	54	98.942	98.942	0.000
55	55	98.935	98.936	0.001
55	56	98.941	98.942	0.001
55	57	98.945	98.946	0.001
55	58	98.937	98.937	0.000
55	59	98.943	98.942	-0.001
100	60	98.939	98.941	0.002
100	61	98.926	98.927	0.001
100	62	98.927	98.929	0.002
100	63	98.943	98.945	0.002
100	64	98.936	98.939	0.003
105	65	98.938	98.940	0.002
105	66	98.934	98.935	0.001
105	67	98.933	98.935	0.002
105	68	98.932	98.934	0.002
105	69	98.933	98.934	0.001
	Max	98.951	98.951	0.004
	Average	98.938	98.939	0.001
	Min	98.926	98.927	-0.001
	Std Dev	0.007	0.006	0.001



	6.96_OH_10mA_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.931	98.931	98.931	98.929	98.933	98.933	98.931	98.932	98.936	98.927	98.934
Average	98.938	98.939	98.939	98.942	98.940	98.943	98.938	98.939	98.941	98.936	98.936
Max	98.943	98.948	98.949	98.949	98.951	98.948	98.946	98.944	98.946	98.945	98.940
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

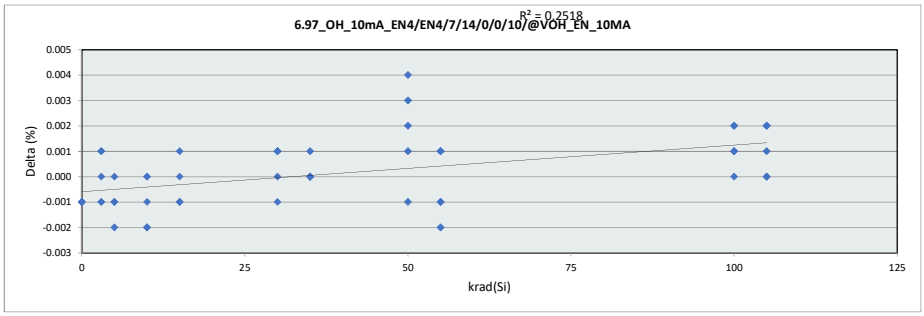


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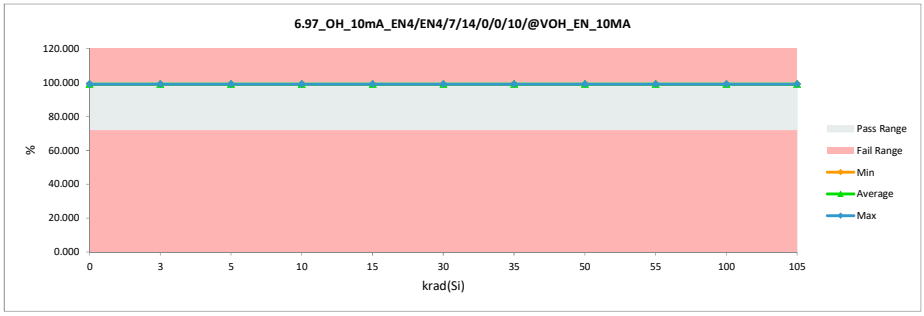
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.97_OH_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	99.022	99.021	-0.001
0	14	99.014	99.013	-0.001
0	15	99.021	99.020	-0.001
3	20	99.013	99.014	0.001
3	21	99.030	99.029	-0.001
3	22	99.023	99.023	0.000
3	23	99.012	99.013	0.001
3	24	99.024	99.023	-0.001
5	25	99.016	99.015	-0.001
5	26	99.009	99.009	0.000
5	27	99.029	99.027	-0.002
5	28	99.028	99.027	-0.001
5	29	99.015	99.014	-0.001
10	30	99.009	99.008	-0.001
10	31	99.030	99.028	-0.002
10	32	99.026	99.026	0.000
10	33	99.022	99.022	0.000
10	34	99.030	99.028	-0.002
15	35	99.012	99.013	0.001
15	36	99.019	99.018	-0.001
15	37	99.018	99.017	-0.001
15	38	99.030	99.030	0.000
15	39	99.023	99.022	-0.001
30	40	99.026	99.025	-0.001
30	41	99.017	99.018	0.001
30	42	99.019	99.020	0.001
30	43	99.026	99.026	0.000
30	44	99.012	99.013	0.001
35	45	99.019	99.019	0.000
35	46	99.013	99.013	0.000
35	47	99.027	99.027	0.000
35	48	99.020	99.020	0.000
35	49	99.013	99.014	0.001
50	50	99.002	99.006	0.004
50	51	99.017	99.020	0.003
50	52	99.013	99.015	0.002
50	53	99.024	99.025	0.001
50	54	99.020	99.019	-0.001
55	55	99.015	99.016	0.001
55	56	99.021	99.022	0.001
55	57	99.027	99.026	-0.001
55	58	99.015	99.014	-0.001
55	59	99.027	99.025	-0.002
100	60	99.019	99.020	0.001
100	61	99.005	99.005	0.000
100	62	99.011	99.013	0.002
100	63	99.023	99.024	0.001
100	64	99.018	99.020	0.002
105	65	99.018	99.019	0.001
105	66	99.018	99.018	0.000
105	67	99.012	99.014	0.002
105	68	99.015	99.017	0.002
105	69	99.010	99.010	0.000
	Max	99.030	99.030	0.004
	Average	99.019	99.019	0.000
	Min	99.002	99.005	-0.002
	Std Dev	0.007	0.006	0.001



	6.97_OH_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	99.013	99.013	99.009	99.008	99.013	99.013	99.013	99.006	99.014	99.005	99.010
Average	99.018	99.020	99.018	99.022	99.020	99.020	99.019	99.017	99.021	99.016	99.016
Max	99.021	99.029	99.027	99.028	99.030	99.026	99.027	99.025	99.026	99.024	99.019
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

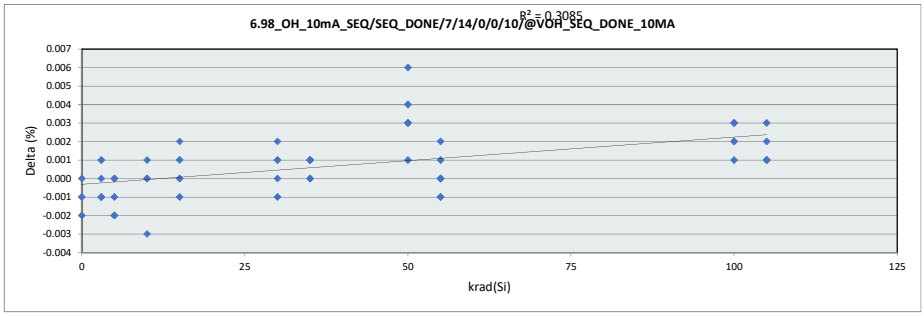


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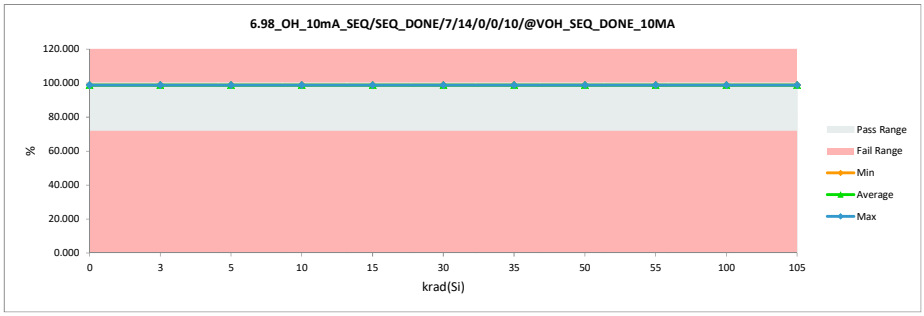
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.98_OH_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.793	98.792	-0.001
0	14	98.784	98.784	0.000
0	15	98.796	98.794	-0.002
3	20	98.771	98.772	0.001
3	21	98.796	98.797	0.001
3	22	98.793	98.793	0.000
3	23	98.785	98.784	-0.001
3	24	98.786	98.785	-0.001
5	25	98.782	98.780	-0.002
5	26	98.780	98.780	0.000
5	27	98.790	98.788	-0.002
5	28	98.801	98.801	0.000
5	29	98.789	98.788	-0.001
10	30	98.785	98.785	0.000
10	31	98.792	98.792	0.000
10	32	98.789	98.790	0.001
10	33	98.792	98.792	0.000
10	34	98.795	98.792	-0.003
15	35	98.784	98.786	0.002
15	36	98.791	98.791	0.000
15	37	98.786	98.785	-0.001
15	38	98.798	98.799	0.001
15	39	98.786	98.786	0.000
30	40	98.794	98.793	-0.001
30	41	98.783	98.783	0.000
30	42	98.785	98.786	0.001
30	43	98.789	98.790	0.001
30	44	98.788	98.790	0.002
35	45	98.785	98.785	0.000
35	46	98.778	98.779	0.001
35	47	98.794	98.795	0.001
35	48	98.794	98.794	0.000
35	49	98.775	98.776	0.001
50	50	98.777	98.783	0.006
50	51	98.788	98.792	0.004
50	52	98.779	98.782	0.003
50	53	98.785	98.788	0.003
50	54	98.783	98.784	0.001
55	55	98.782	98.784	0.002
55	56	98.787	98.788	0.001
55	57	98.791	98.791	0.000
55	58	98.785	98.785	0.000
55	59	98.791	98.790	-0.001
100	60	98.789	98.791	0.002
100	61	98.774	98.775	0.001
100	62	98.771	98.773	0.002
100	63	98.792	98.795	0.003
100	64	98.781	98.784	0.003
105	65	98.789	98.792	0.003
105	66	98.783	98.784	0.001
105	67	98.783	98.784	0.001
105	68	98.785	98.787	0.002
105	69	98.780	98.781	0.001
	Max	98.801	98.801	0.006
	Average	98.786	98.787	0.001
	Min	98.771	98.772	-0.003
	Std Dev	0.007	0.006	0.002



	6.98_OH_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.784	98.772	98.780	98.785	98.785	98.783	98.776	98.782	98.784	98.773	98.781
Average	98.790	98.786	98.787	98.790	98.789	98.788	98.786	98.786	98.788	98.784	98.786
Max	98.794	98.797	98.801	98.792	98.799	98.793	98.795	98.792	98.791	98.795	98.792
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

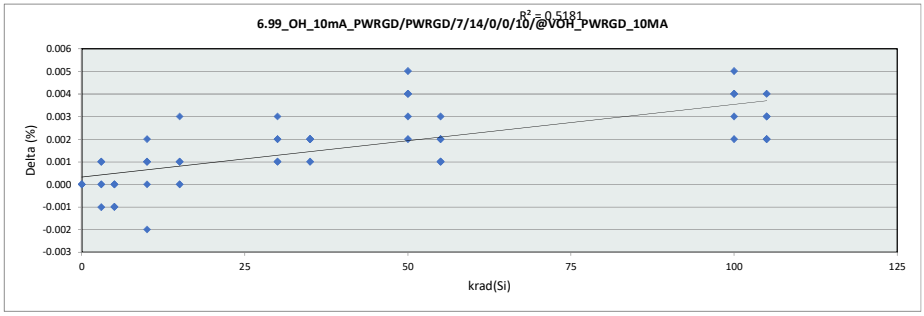


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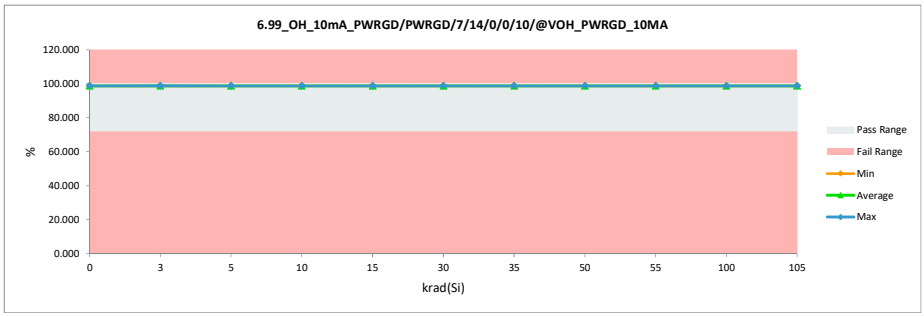
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.99_OH_10mA_PWRGD/F	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	100	100
Min Limit	70	72

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.757	98.757	0.000
0	14	98.744	98.744	0.000
0	15	98.755	98.755	0.000
3	20	98.737	98.738	0.001
3	21	98.760	98.761	0.001
3	22	98.758	98.758	0.000
3	23	98.752	98.752	0.000
3	24	98.744	98.743	-0.001
5	25	98.747	98.747	0.000
5	26	98.743	98.743	0.000
5	27	98.752	98.751	-0.001
5	28	98.758	98.758	0.000
5	29	98.749	98.748	-0.001
10	30	98.745	98.745	0.000
10	31	98.754	98.755	0.001
10	32	98.748	98.750	0.002
10	33	98.754	98.755	0.001
10	34	98.755	98.753	-0.002
15	35	98.748	98.751	0.003
15	36	98.750	98.751	0.001
15	37	98.747	98.747	0.000
15	38	98.759	98.759	0.000
15	39	98.748	98.749	0.001
30	40	98.757	98.758	0.001
30	41	98.743	98.744	0.001
30	42	98.747	98.749	0.002
30	43	98.747	98.749	0.002
30	44	98.747	98.750	0.003
35	45	98.750	98.752	0.002
35	46	98.740	98.742	0.002
35	47	98.753	98.755	0.002
35	48	98.750	98.751	0.001
35	49	98.737	98.739	0.002
50	50	98.741	98.746	0.005
50	51	98.751	98.755	0.004
50	52	98.744	98.748	0.004
50	53	98.745	98.748	0.003
50	54	98.745	98.747	0.002
55	55	98.745	98.747	0.002
55	56	98.752	98.755	0.003
55	57	98.753	98.755	0.002
55	58	98.746	98.747	0.001
55	59	98.756	98.757	0.001
100	60	98.752	98.756	0.004
100	61	98.741	98.743	0.002
100	62	98.735	98.738	0.003
100	63	98.754	98.759	0.005
100	64	98.744	98.748	0.004
105	65	98.751	98.755	0.004
105	66	98.747	98.749	0.002
105	67	98.745	98.748	0.003
105	68	98.747	98.750	0.003
105	69	98.748	98.750	0.002
	Max	98.760	98.761	0.005
	Average	98.749	98.750	0.002
	Min	98.735	98.738	-0.002
	Std Dev	0.006	0.006	0.002



	6.99_OH_10mA_PWRGD_										
Test Site											
Tester											
Test Number											
Max Limit	100	%									
Min Limit	72	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000
Min	98.744	98.738	98.743	98.745	98.747	98.744	98.739	98.746	98.747	98.738	98.748
Average	98.752	98.750	98.749	98.752	98.751	98.750	98.748	98.749	98.752	98.749	98.750
Max	98.757	98.761	98.758	98.755	98.759	98.758	98.755	98.755	98.757	98.759	98.755
UL	100.000	100.000	100.000	100.000	####	100.000	####	####	100.000	####	100.000

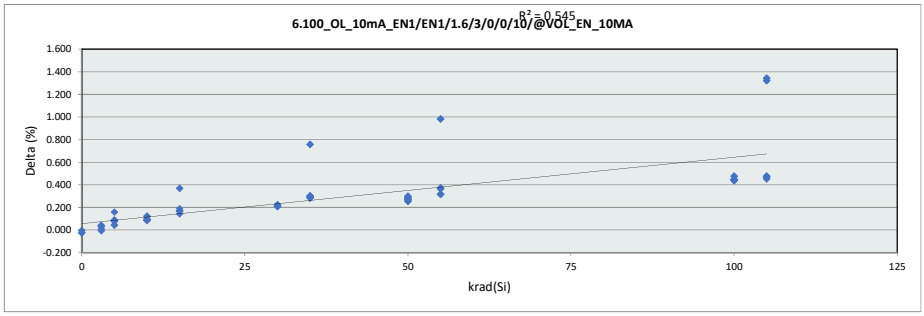


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

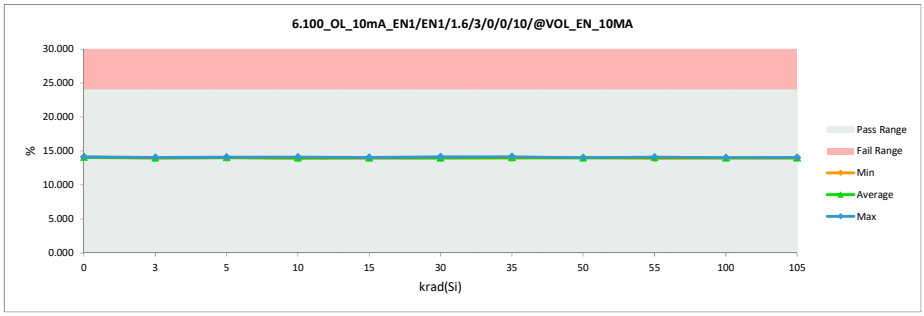
	6.100_OL_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	14.188	14.160	-0.028
0	14	14.096	14.071	-0.025
0	15	14.067	14.061	-0.006
3	20	13.966	13.958	-0.008
3	21	14.034	14.040	0.006
3	22	13.972	14.007	0.035
3	23	14.015	14.044	0.029
3	24	13.950	13.988	0.038
5	25	13.987	14.029	0.042
5	26	14.015	14.090	0.075
5	27	13.827	13.984	0.157
5	28	13.933	14.018	0.085
5	29	13.954	14.040	0.086
10	30	14.029	14.125	0.096
10	31	13.854	13.937	0.083
10	32	13.827	13.911	0.084
10	33	14.009	14.101	0.092
10	34	13.857	13.978	0.121
15	35	13.898	14.039	0.141
15	36	13.641	14.008	0.367
15	37	13.779	13.966	0.187
15	38	13.770	13.936	0.166
15	39	13.893	14.059	0.166
30	40	13.724	13.945	0.221
30	41	13.726	13.946	0.220
30	42	13.748	13.954	0.206
30	43	13.726	13.932	0.206
30	44	13.930	14.140	0.210
35	45	13.782	14.082	0.300
35	46	13.250	14.006	0.756
35	47	13.701	13.985	0.284
35	48	13.874	14.170	0.296
35	49	13.681	13.962	0.281
50	50	13.724	13.976	0.252
50	51	13.741	14.013	0.272
50	52	13.775	14.040	0.265
50	53	13.753	14.036	0.283
50	54	13.712	14.008	0.296
55	55	13.675	13.991	0.316
55	56	13.123	14.104	0.981
55	57	13.590	13.905	0.315
55	58	13.758	14.130	0.372
55	59	13.665	14.027	0.362
100	60	13.583	14.030	0.447
100	61	13.510	13.985	0.475
100	62	13.556	13.990	0.434
100	63	13.479	13.923	0.444
100	64	13.587	14.032	0.445
105	65	13.482	13.932	0.450
105	66	13.563	14.031	0.468
105	67	12.672	14.013	1.341
105	68	12.730	14.049	1.319
105	69	13.576	14.052	0.476
	Max	14.188	14.170	1.341
	Average	13.735	14.018	0.283
	Min	12.672	13.905	-0.028
	Std Dev	0.292	0.064	0.286



	6.100_OL_10mA_EN1/EN
Test Site	
Tester	
Test Number	
Max Limit	24 %
Min Limit	0 %

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	14.061	13.958	13.984	13.911	13.936	13.932	13.962	13.976	13.905	13.923	13.932
Average	14.097	14.007	14.032	14.010	14.002	13.983	14.041	14.015	14.031	13.992	14.015
Max	14.160	14.044	14.090	14.125	14.059	14.140	14.170	14.040	14.130	14.032	14.052
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

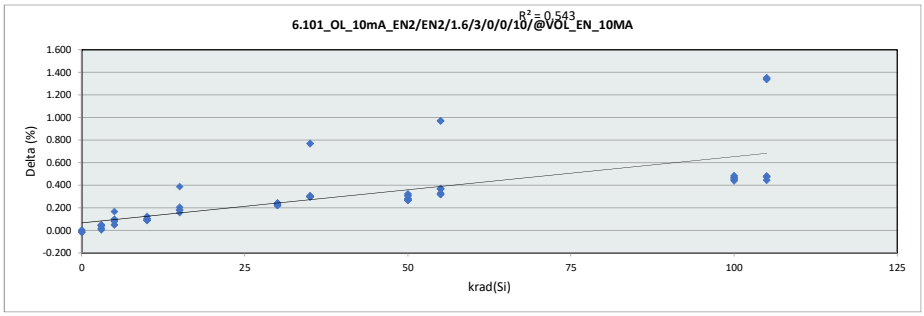


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

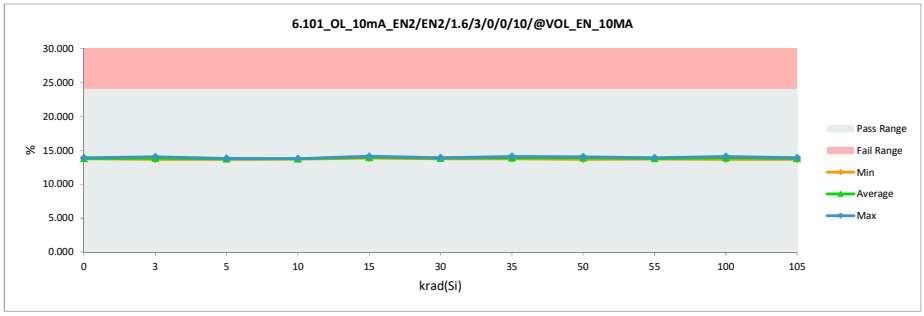
	6.101_OL_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	13.877	13.859	-0.018
0	14	13.906	13.892	-0.014
0	15	13.733	13.735	0.002
3	20	14.074	14.078	0.004
3	21	13.813	13.829	0.016
3	22	13.597	13.639	0.042
3	23	13.714	13.754	0.040
3	24	13.980	14.027	0.047
5	25	13.677	13.725	0.048
5	26	13.670	13.749	0.079
5	27	13.644	13.809	0.165
5	28	13.552	13.644	0.092
5	29	13.682	13.779	0.097
10	30	13.652	13.755	0.103
10	31	13.660	13.748	0.088
10	32	13.693	13.782	0.089
10	33	13.605	13.703	0.098
10	34	13.618	13.741	0.123
15	35	13.869	14.026	0.157
15	36	13.599	13.985	0.386
15	37	13.921	14.126	0.205
15	38	13.718	13.900	0.182
15	39	13.667	13.847	0.180
30	40	13.547	13.788	0.241
30	41	13.663	13.902	0.239
30	42	13.554	13.772	0.218
30	43	13.641	13.865	0.224
30	44	13.642	13.865	0.223
35	45	13.512	13.815	0.303
35	46	13.119	13.887	0.768
35	47	13.582	13.879	0.297
35	48	13.477	13.772	0.295
35	49	13.790	14.094	0.304
50	50	13.657	13.925	0.268
50	51	13.373	13.639	0.266
50	52	13.732	14.014	0.282
50	53	13.591	13.896	0.305
50	54	13.715	14.037	0.322
55	55	13.579	13.907	0.328
55	56	12.852	13.821	0.969
55	57	13.398	13.715	0.317
55	58	13.455	13.824	0.369
55	59	13.443	13.809	0.366
100	60	13.247	13.695	0.448
100	61	13.390	13.872	0.482
100	62	13.631	14.091	0.460
100	63	13.231	13.669	0.438
100	64	13.623	14.093	0.470
105	65	13.205	13.649	0.444
105	66	13.418	13.898	0.480
105	67	12.399	13.736	1.337
105	68	12.502	13.852	1.350
105	69	13.313	13.785	0.472
	Max	14.074	14.126	1.350
	Average	13.551	13.843	0.292
	Min	12.399	13.639	-0.018
	Std Dev	0.309	0.129	0.285



	6.101_OL_10mA_EN2/EN
Test Site	
Tester	
Test Number	
Max Limit	24
Min Limit	0

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	13.735	13.639	13.644	13.703	13.847	13.772	13.772	13.639	13.715	13.669	13.649
Average	13.829	13.865	13.741	13.746	13.977	13.838	13.889	13.902	13.815	13.884	13.784
Max	13.892	14.078	13.809	13.782	14.126	13.902	14.094	14.037	13.907	14.093	13.898
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

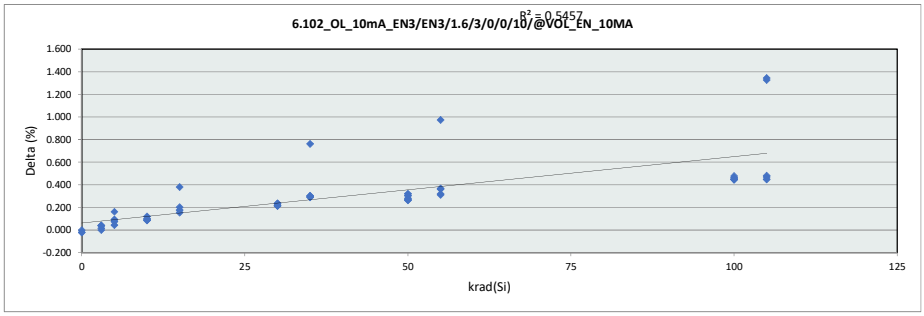


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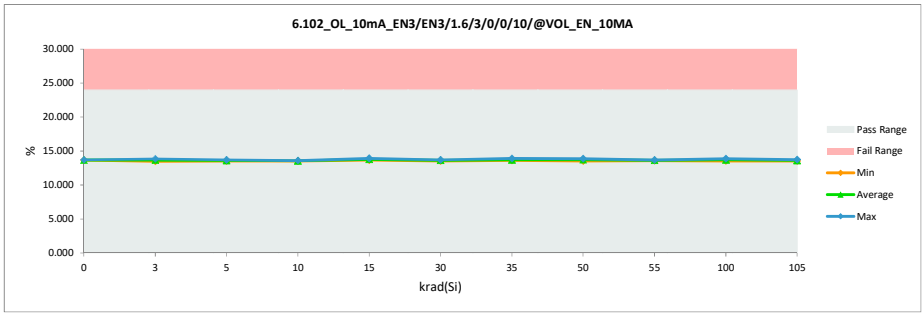
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.102_OL_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	13.682	13.659	-0.023
0	14	13.728	13.708	-0.020
0	15	13.663	13.661	-0.002
3	20	13.837	13.836	-0.001
3	21	13.630	13.644	0.014
3	22	13.425	13.463	0.038
3	23	13.616	13.653	0.037
3	24	13.801	13.841	0.040
5	25	13.556	13.598	0.042
5	26	13.475	13.549	0.074
5	27	13.433	13.593	0.160
5	28	13.429	13.519	0.090
5	29	13.614	13.707	0.093
10	30	13.480	13.578	0.098
10	31	13.515	13.599	0.084
10	32	13.443	13.528	0.085
10	33	13.465	13.558	0.093
10	34	13.386	13.505	0.119
15	35	13.658	13.811	0.153
15	36	13.386	13.765	0.379
15	37	13.726	13.928	0.202
15	38	13.470	13.644	0.174
15	39	13.505	13.681	0.176
30	40	13.395	13.630	0.235
30	41	13.479	13.711	0.232
30	42	13.320	13.531	0.211
30	43	13.402	13.617	0.215
30	44	13.492	13.708	0.216
35	45	13.339	13.639	0.300
35	46	12.926	13.687	0.761
35	47	13.383	13.672	0.289
35	48	13.318	13.611	0.293
35	49	13.606	13.908	0.302
50	50	13.437	13.699	0.262
50	51	13.243	13.510	0.267
50	52	13.534	13.814	0.280
50	53	13.411	13.714	0.303
50	54	13.550	13.869	0.319
55	55	13.370	13.688	0.318
55	56	12.693	13.666	0.973
55	57	13.247	13.557	0.310
55	58	13.271	13.637	0.366
55	59	13.256	13.617	0.361
100	60	13.091	13.535	0.444
100	61	13.207	13.684	0.477
100	62	13.390	13.840	0.450
100	63	13.162	13.609	0.447
100	64	13.417	13.879	0.462
105	65	13.082	13.529	0.447
105	66	13.240	13.720	0.480
105	67	12.264	13.607	1.343
105	68	12.236	13.562	1.326
105	69	13.111	13.579	0.468
	Max	13.837	13.928	1.343
	Average	13.373	13.661	0.288
	Min	12.236	13.463	-0.023
	Std Dev	0.308	0.112	0.285



	6.102_OL_10mA_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	13.659	13.463	13.519	13.505	13.644	13.531	13.611	13.510	13.557	13.535	13.529
Average	13.676	13.687	13.593	13.554	13.766	13.639	13.703	13.721	13.633	13.709	13.599
Max	13.708	13.841	13.707	13.599	13.928	13.711	13.908	13.869	13.688	13.879	13.720
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

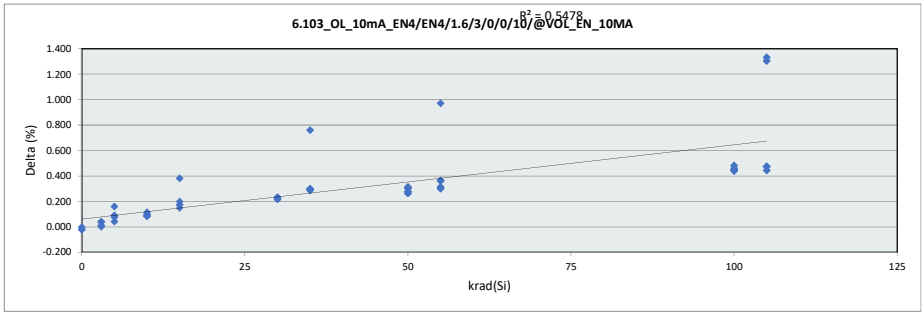


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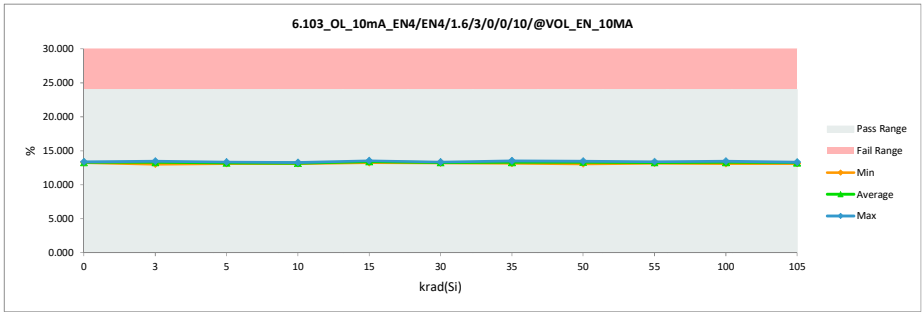
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.103_OL_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	13.259	13.236	-0.023
0	14	13.384	13.363	-0.021
0	15	13.256	13.253	-0.003
3	20	13.462	13.462	0.000
3	21	13.207	13.217	0.010
3	22	12.980	13.017	0.037
3	23	13.207	13.243	0.036
3	24	13.383	13.423	0.040
5	25	13.218	13.258	0.040
5	26	13.148	13.223	0.075
5	27	13.009	13.168	0.159
5	28	13.034	13.119	0.085
5	29	13.236	13.325	0.089
10	30	13.094	13.192	0.098
10	31	13.184	13.267	0.083
10	32	13.000	13.084	0.084
10	33	13.071	13.166	0.095
10	34	12.977	13.092	0.115
15	35	13.220	13.368	0.148
15	36	13.134	13.514	0.380
15	37	13.324	13.523	0.199
15	38	13.078	13.251	0.173
15	39	13.049	13.222	0.173
30	40	12.957	13.189	0.232
30	41	13.068	13.298	0.230
30	42	13.019	13.237	0.218
30	43	13.024	13.240	0.216
30	44	13.121	13.336	0.215
35	45	12.847	13.140	0.293
35	46	12.587	13.347	0.760
35	47	12.945	13.232	0.287
35	48	12.926	13.218	0.292
35	49	13.202	13.501	0.299
50	50	13.058	13.322	0.264
50	51	12.798	13.061	0.263
50	52	13.163	13.440	0.277
50	53	12.991	13.293	0.302
50	54	13.129	13.442	0.313
55	55	13.065	13.378	0.313
55	56	12.269	13.239	0.970
55	57	12.872	13.171	0.299
55	58	12.905	13.270	0.365
55	59	12.837	13.197	0.360
100	60	12.683	13.129	0.446
100	61	12.862	13.343	0.481
100	62	12.977	13.427	0.450
100	63	12.644	13.082	0.438
100	64	12.991	13.451	0.460
105	65	12.677	13.120	0.443
105	66	12.835	13.309	0.474
105	67	11.904	13.236	1.332
105	68	11.884	13.188	1.304
105	69	12.792	13.265	0.473
	Max	13.462	13.523	1.332
	Average	12.980	13.266	0.286
	Min	11.884	13.017	-0.023
	Std Dev	0.306	0.122	0.283



	6.103_OL_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	13.236	13.017	13.119	13.084	13.222	13.189	13.140	13.061	13.171	13.082	13.120
Average	13.284	13.272	13.219	13.160	13.376	13.260	13.288	13.312	13.251	13.286	13.224
Max	13.363	13.462	13.325	13.267	13.523	13.336	13.501	13.442	13.378	13.451	13.309
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

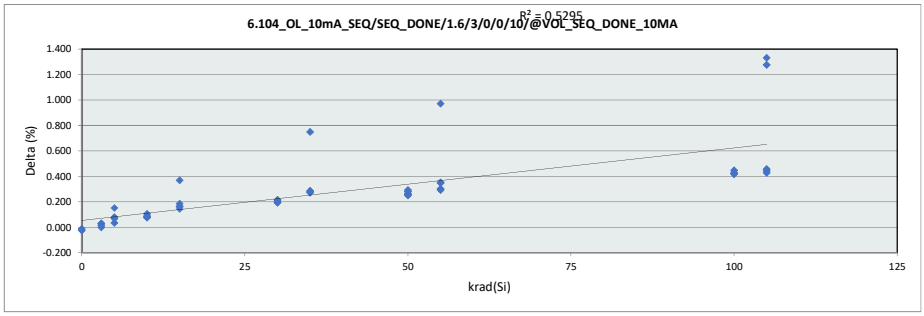


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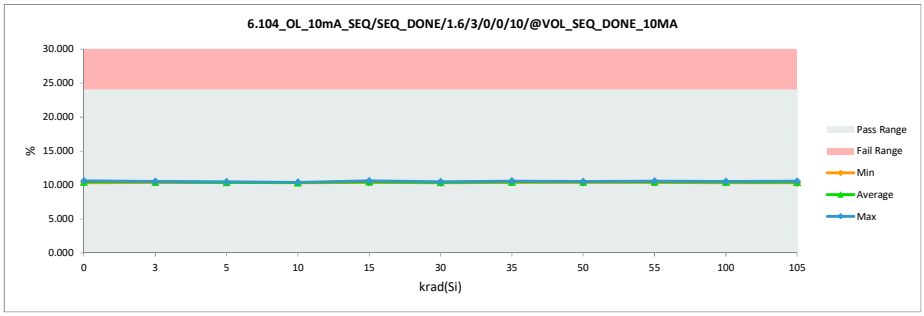
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.104_OL_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	10.453	10.428	-0.025
0	14	10.627	10.604	-0.023
0	15	10.345	10.333	-0.012
3	20	10.508	10.506	-0.002
3	21	10.426	10.437	0.011
3	22	10.335	10.364	0.029
3	23	10.396	10.422	0.026
3	24	10.497	10.528	0.031
5	25	10.326	10.359	0.033
5	26	10.310	10.377	0.067
5	27	10.341	10.492	0.151
5	28	10.283	10.360	0.077
5	29	10.321	10.398	0.077
10	30	10.257	10.346	0.089
10	31	10.309	10.384	0.075
10	32	10.259	10.336	0.077
10	33	10.321	10.403	0.082
10	34	10.244	10.348	0.104
15	35	10.323	10.467	0.144
15	36	10.233	10.601	0.368
15	37	10.412	10.597	0.185
15	38	10.198	10.359	0.161
15	39	10.205	10.370	0.165
30	40	10.189	10.404	0.215
30	41	10.266	10.478	0.212
30	42	10.126	10.320	0.194
30	43	10.130	10.322	0.192
30	44	10.219	10.419	0.200
35	45	10.215	10.501	0.286
35	46	9.829	10.578	0.749
35	47	10.116	10.388	0.272
35	48	10.136	10.412	0.276
35	49	10.206	10.485	0.279
50	50	10.202	10.452	0.250
50	51	10.111	10.366	0.255
50	52	10.253	10.515	0.262
50	53	10.219	10.500	0.281
50	54	10.172	10.465	0.293
55	55	10.142	10.443	0.301
55	56	9.610	10.581	0.971
55	57	10.077	10.369	0.292
55	58	10.106	10.458	0.352
55	59	10.068	10.415	0.347
100	60	9.908	10.333	0.425
100	61	9.979	10.426	0.447
100	62	10.082	10.505	0.423
100	63	9.920	10.336	0.416
100	64	10.115	10.541	0.426
105	65	9.921	10.348	0.427
105	66	9.922	10.366	0.444
105	67	9.178	10.509	1.331
105	68	9.041	10.317	1.276
105	69	10.091	10.548	0.457
	Max	10.627	10.604	1.331
	Average	10.160	10.432	0.272
	Min	9.041	10.317	-0.025
	Std Dev	0.277	0.083	0.281



	6.104_OL_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	10.333	10.364	10.359	10.336	10.359	10.320	10.388	10.366	10.369	10.333	10.317
Average	10.455	10.451	10.397	10.363	10.479	10.389	10.473	10.460	10.453	10.428	10.418
Max	10.604	10.528	10.492	10.403	10.601	10.478	10.578	10.515	10.581	10.541	10.548
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

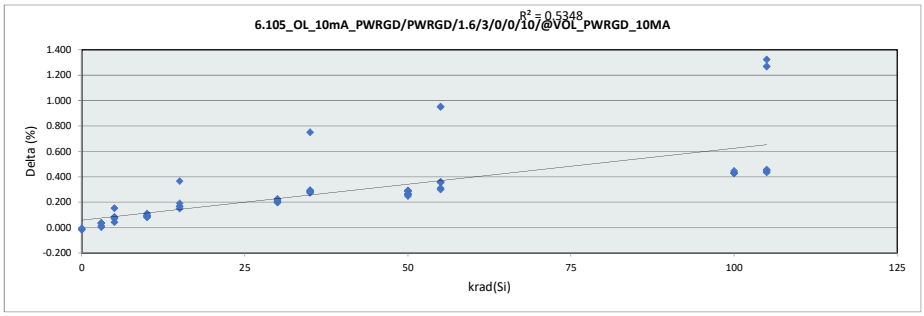


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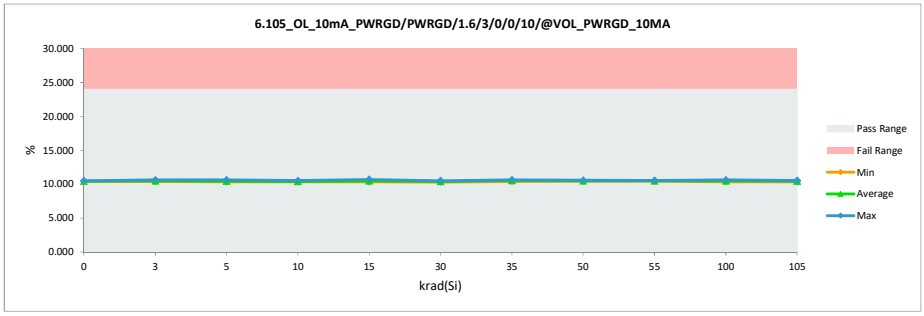
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.105_OL_10mA_PWRGD/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	10.524	10.507	-0.017
0	14	10.537	10.522	-0.015
0	15	10.422	10.417	-0.005
3	20	10.627	10.631	0.004
3	21	10.458	10.471	0.013
3	22	10.392	10.428	0.036
3	23	10.454	10.487	0.033
3	24	10.519	10.554	0.035
5	25	10.342	10.383	0.041
5	26	10.303	10.375	0.072
5	27	10.484	10.636	0.152
5	28	10.299	10.383	0.084
5	29	10.320	10.401	0.081
10	30	10.289	10.385	0.096
10	31	10.287	10.366	0.079
10	32	10.351	10.434	0.083
10	33	10.447	10.537	0.090
10	34	10.288	10.398	0.110
15	35	10.399	10.548	0.149
15	36	10.171	10.536	0.365
15	37	10.521	10.712	0.191
15	38	10.306	10.472	0.166
15	39	10.210	10.379	0.169
30	40	10.284	10.510	0.226
30	41	10.279	10.496	0.217
30	42	10.114	10.312	0.198
30	43	10.161	10.361	0.200
30	44	10.247	10.453	0.206
35	45	10.294	10.587	0.293
35	46	9.898	10.648	0.750
35	47	10.208	10.482	0.274
35	48	10.146	10.427	0.281
35	49	10.288	10.573	0.285
50	50	10.233	10.481	0.248
50	51	10.207	10.470	0.263
50	52	10.327	10.591	0.264
50	53	10.212	10.497	0.285
50	54	10.146	10.436	0.290
55	55	10.197	10.506	0.309
55	56	9.618	10.568	0.950
55	57	10.150	10.450	0.300
55	58	10.143	10.502	0.359
55	59	10.152	10.506	0.354
100	60	9.926	10.355	0.429
100	61	9.981	10.426	0.445
100	62	10.174	10.599	0.425
100	63	10.012	10.440	0.428
100	64	10.219	10.650	0.431
105	65	9.980	10.415	0.435
105	66	9.967	10.415	0.448
105	67	9.253	10.575	1.322
105	68	9.099	10.367	1.268
105	69	10.080	10.536	0.456
	Max	10.627	10.712	1.322
	Average	10.207	10.483	0.276
	Min	9.099	10.312	-0.017
	Std Dev	0.277	0.090	0.277



	6.105_OL_10mA_PWRGD										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	10.417	10.428	10.375	10.366	10.379	10.312	10.427	10.436	10.450	10.355	10.367
Average	10.482	10.514	10.436	10.424	10.529	10.426	10.543	10.495	10.506	10.494	10.462
Max	10.522	10.631	10.636	10.537	10.712	10.510	10.648	10.591	10.568	10.650	10.575
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

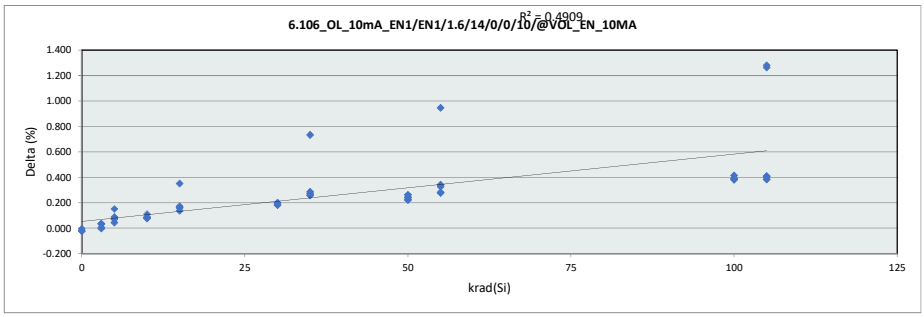


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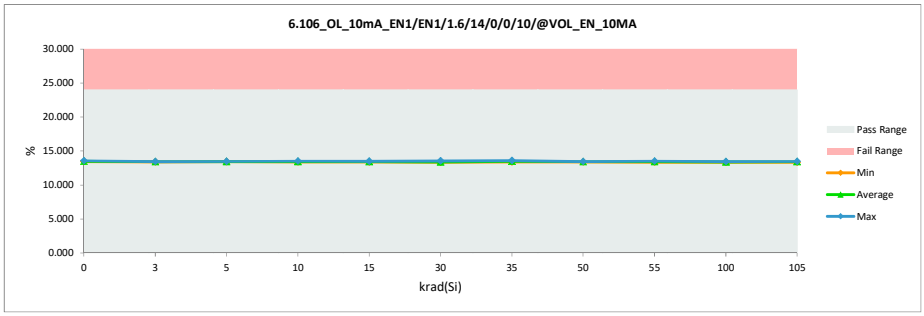
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.106_OL_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	13.580	13.556	-0.024
0	14	13.504	13.481	-0.023
0	15	13.460	13.454	-0.006
3	20	13.393	13.388	-0.005
3	21	13.447	13.453	0.006
3	22	13.351	13.384	0.033
3	23	13.407	13.437	0.030
3	24	13.352	13.387	0.035
5	25	13.394	13.436	0.042
5	26	13.408	13.478	0.070
5	27	13.283	13.432	0.149
5	28	13.351	13.428	0.077
5	29	13.341	13.428	0.087
10	30	13.435	13.521	0.086
10	31	13.299	13.374	0.075
10	32	13.292	13.368	0.076
10	33	13.397	13.481	0.084
10	34	13.298	13.407	0.109
15	35	13.315	13.450	0.135
15	36	13.064	13.414	0.350
15	37	13.216	13.387	0.171
15	38	13.207	13.366	0.159
15	39	13.335	13.495	0.160
30	40	13.166	13.363	0.197
30	41	13.134	13.333	0.199
30	42	13.184	13.365	0.181
30	43	13.181	13.361	0.180
30	44	13.344	13.538	0.194
35	45	13.199	13.484	0.285
35	46	12.708	13.440	0.732
35	47	13.160	13.418	0.258
35	48	13.310	13.579	0.269
35	49	13.131	13.387	0.256
50	50	13.156	13.379	0.223
50	51	13.166	13.405	0.239
50	52	13.223	13.443	0.220
50	53	13.193	13.436	0.243
50	54	13.149	13.410	0.261
55	55	13.112	13.393	0.281
55	56	12.541	13.486	0.945
55	57	13.057	13.332	0.275
55	58	13.172	13.511	0.339
55	59	13.112	13.437	0.325
100	60	13.032	13.417	0.385
100	61	12.978	13.391	0.413
100	62	13.044	13.422	0.378
100	63	12.940	13.327	0.387
100	64	13.055	13.445	0.390
105	65	12.940	13.323	0.383
105	66	13.069	13.478	0.409
105	67	12.143	13.422	1.279
105	68	12.216	13.478	1.262
105	69	13.019	13.421	0.402
	Max	13.580	13.579	1.279
	Average	13.169	13.427	0.258
	Min	12.143	13.323	-0.024
	Std Dev	0.274	0.057	0.270



	6.106_OL_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	13.454	13.384	13.428	13.368	13.366	13.333	13.387	13.379	13.332	13.327	13.323
Average	13.497	13.410	13.440	13.430	13.422	13.392	13.462	13.415	13.432	13.400	13.424
Max	13.556	13.453	13.478	13.521	13.495	13.538	13.579	13.443	13.511	13.445	13.478
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

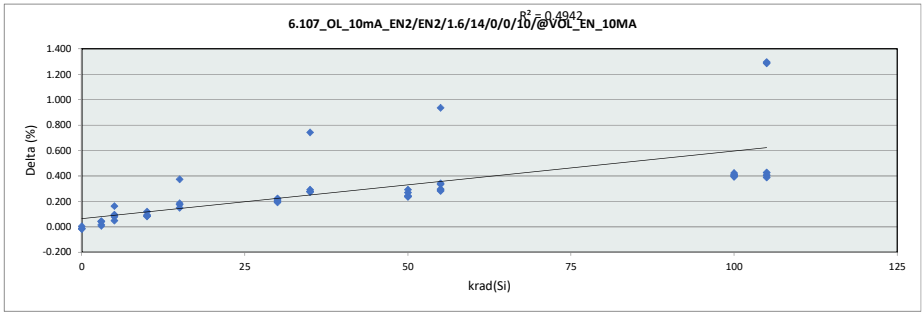


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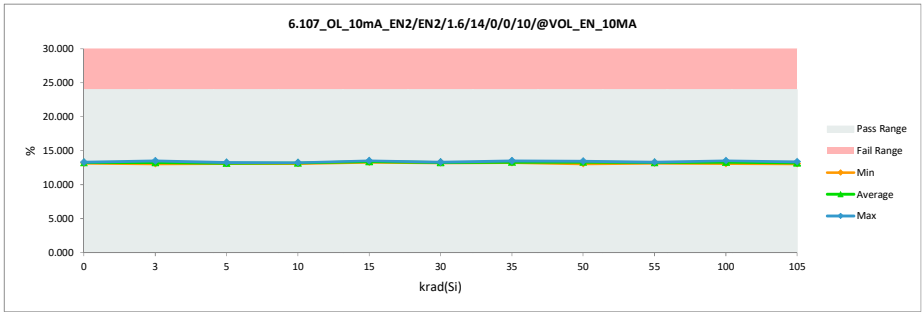
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.107_OL_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	13.297	13.279	-0.018
0	14	13.316	13.301	-0.015
0	15	13.177	13.180	0.003
3	20	13.474	13.479	0.005
3	21	13.244	13.260	0.016
3	22	13.021	13.061	0.040
3	23	13.137	13.178	0.041
3	24	13.365	13.409	0.044
5	25	13.107	13.155	0.048
5	26	13.094	13.171	0.077
5	27	13.096	13.257	0.161
5	28	13.022	13.113	0.091
5	29	13.096	13.191	0.095
10	30	13.099	13.191	0.092
10	31	13.112	13.192	0.080
10	32	13.152	13.236	0.084
10	33	13.041	13.130	0.089
10	34	13.072	13.190	0.118
15	35	13.278	13.426	0.148
15	36	13.014	13.386	0.372
15	37	13.330	13.515	0.185
15	38	13.157	13.331	0.174
15	39	13.144	13.318	0.174
30	40	13.018	13.235	0.217
30	41	13.082	13.303	0.221
30	42	13.017	13.208	0.191
30	43	13.111	13.311	0.200
30	44	13.101	13.309	0.208
35	45	12.944	13.235	0.291
35	46	12.581	13.322	0.741
35	47	13.041	13.317	0.276
35	48	12.970	13.242	0.272
35	49	13.212	13.489	0.277
50	50	13.090	13.327	0.237
50	51	12.831	13.073	0.242
50	52	13.173	13.408	0.235
50	53	13.059	13.326	0.267
50	54	13.153	13.444	0.291
55	55	13.023	13.318	0.295
55	56	12.276	13.210	0.934
55	57	12.890	13.172	0.282
55	58	12.897	13.237	0.340
55	59	12.911	13.244	0.333
100	60	12.738	13.134	0.396
100	61	12.853	13.275	0.422
100	62	13.101	13.504	0.403
100	63	12.708	13.099	0.391
100	64	13.081	13.491	0.410
105	65	12.694	13.082	0.388
105	66	12.944	13.370	0.426
105	67	11.890	13.173	1.283
105	68	12.009	13.302	1.293
105	69	12.767	13.172	0.405
	Max	13.474	13.515	1.293
	Average	13.000	13.269	0.269
	Min	11.890	13.061	-0.018
	Std Dev	0.292	0.117	0.271



	6.107_OL_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	13.180	13.061	13.113	13.130	13.318	13.208	13.235	13.073	13.172	13.099	13.082
Average	13.253	13.277	13.177	13.188	13.395	13.273	13.321	13.316	13.236	13.301	13.220
Max	13.301	13.479	13.257	13.236	13.515	13.311	13.489	13.444	13.318	13.504	13.370
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

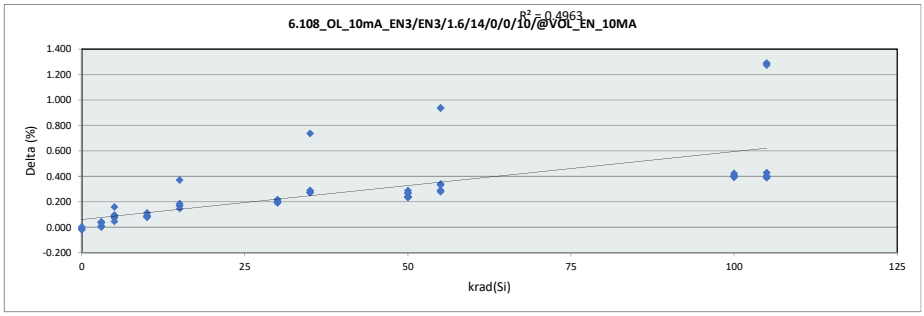


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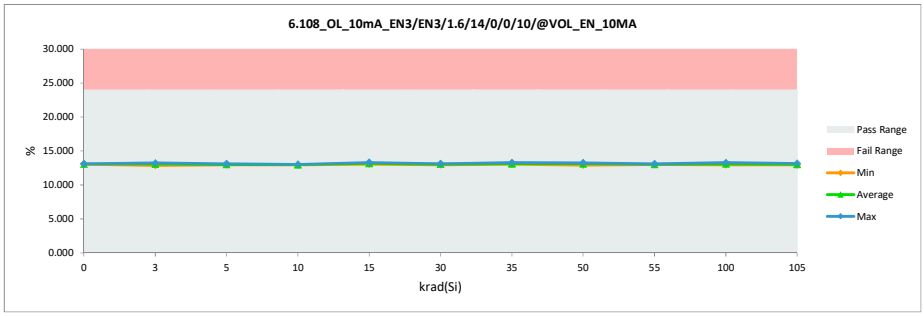
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.108_OL_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	13.096	13.077	-0.019
0	14	13.137	13.122	-0.015
0	15	13.090	13.091	0.001
3	20	13.246	13.246	0.000
3	21	13.061	13.073	0.012
3	22	12.842	12.882	0.040
3	23	13.029	13.063	0.034
3	24	13.181	13.220	0.039
5	25	12.982	13.026	0.044
5	26	12.899	12.973	0.074
5	27	12.881	13.039	0.158
5	28	12.892	12.978	0.086
5	29	13.012	13.106	0.094
10	30	12.923	13.014	0.091
10	31	12.958	13.035	0.077
10	32	12.905	12.985	0.080
10	33	12.890	12.977	0.087
10	34	12.841	12.953	0.112
15	35	13.068	13.213	0.145
15	36	12.802	13.172	0.370
15	37	13.133	13.319	0.186
15	38	12.912	13.080	0.168
15	39	12.978	13.149	0.171
30	40	12.859	13.074	0.215
30	41	12.896	13.112	0.216
30	42	12.785	12.976	0.191
30	43	12.875	13.068	0.193
30	44	12.947	13.150	0.203
35	45	12.765	13.053	0.288
35	46	12.388	13.125	0.737
35	47	12.840	13.112	0.272
35	48	12.809	13.083	0.274
35	49	13.025	13.297	0.272
50	50	12.874	13.111	0.237
50	51	12.689	12.930	0.241
50	52	12.976	13.209	0.233
50	53	12.880	13.147	0.267
50	54	12.985	13.272	0.287
55	55	12.818	13.107	0.289
55	56	12.115	13.052	0.937
55	57	12.731	13.010	0.279
55	58	12.708	13.045	0.337
55	59	12.720	13.051	0.331
100	60	12.573	12.967	0.394
100	61	12.668	13.090	0.422
100	62	12.866	13.266	0.400
100	63	12.621	13.015	0.394
100	64	12.873	13.278	0.405
105	65	12.559	12.947	0.388
105	66	12.767	13.195	0.428
105	67	11.745	13.034	1.289
105	68	11.750	13.024	1.274
105	69	12.567	12.967	0.400
	Max	13.246	13.319	1.289
	Average	12.819	13.086	0.267
	Min	11.745	12.882	-0.019
	Std Dev	0.291	0.102	0.271



	6.108_OL_10mA_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	13.077	12.882	12.973	12.953	13.080	12.976	13.053	12.930	13.010	12.967	12.947
Average	13.097	13.097	13.024	12.993	13.187	13.076	13.134	13.134	13.053	13.123	13.033
Max	13.122	13.246	13.106	13.035	13.319	13.150	13.297	13.272	13.107	13.278	13.195
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

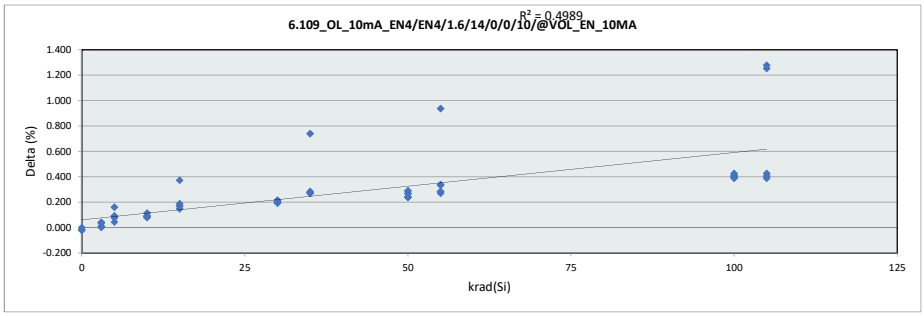


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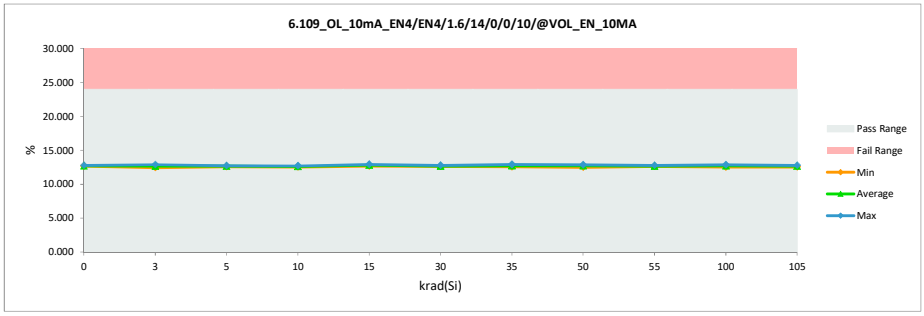
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.109_OL_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.682	12.659	-0.023
0	14	12.791	12.773	-0.018
0	15	12.688	12.687	-0.001
3	20	12.872	12.872	0.000
3	21	12.641	12.652	0.011
3	22	12.411	12.449	0.038
3	23	12.624	12.658	0.034
3	24	12.773	12.812	0.039
5	25	12.638	12.680	0.042
5	26	12.565	12.640	0.075
5	27	12.463	12.621	0.158
5	28	12.501	12.587	0.086
5	29	12.636	12.727	0.091
10	30	12.539	12.630	0.091
10	31	12.622	12.700	0.078
10	32	12.470	12.550	0.080
10	33	12.501	12.588	0.087
10	34	12.439	12.552	0.113
15	35	12.640	12.785	0.145
15	36	12.533	12.904	0.371
15	37	12.738	12.924	0.186
15	38	12.524	12.690	0.166
15	39	12.529	12.700	0.171
30	40	12.431	12.643	0.212
30	41	12.490	12.704	0.214
30	42	12.475	12.667	0.192
30	43	12.497	12.690	0.193
30	44	12.572	12.776	0.204
35	45	12.291	12.574	0.283
35	46	12.044	12.782	0.738
35	47	12.411	12.680	0.269
35	48	12.418	12.689	0.271
35	49	12.627	12.901	0.274
50	50	12.497	12.735	0.238
50	51	12.258	12.496	0.238
50	52	12.606	12.842	0.236
50	53	12.466	12.733	0.267
50	54	12.569	12.856	0.287
55	55	12.508	12.790	0.282
55	56	11.700	12.635	0.935
55	57	12.360	12.629	0.269
55	58	12.347	12.684	0.337
55	59	12.309	12.640	0.331
100	60	12.173	12.569	0.396
100	61	12.322	12.745	0.423
100	62	12.461	12.861	0.400
100	63	12.124	12.512	0.388
100	64	12.458	12.865	0.407
105	65	12.160	12.547	0.387
105	66	12.364	12.788	0.424
105	67	11.386	12.662	1.276
105	68	11.398	12.649	1.251
105	69	12.241	12.645	0.404
	Max	12.872	12.924	1.276
	Average	12.430	12.695	0.265
	Min	11.386	12.449	-0.023
	Std Dev	0.288	0.110	0.268



	6.109_OL_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	12.659	12.449	12.587	12.550	12.690	12.643	12.574	12.496	12.629	12.512	12.547
Average	12.706	12.689	12.651	12.604	12.801	12.696	12.725	12.732	12.676	12.710	12.658
Max	12.773	12.872	12.727	12.700	12.924	12.776	12.901	12.856	12.790	12.865	12.788
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

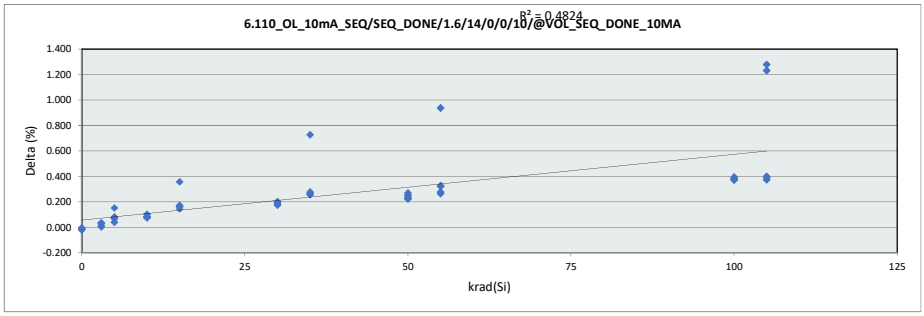


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

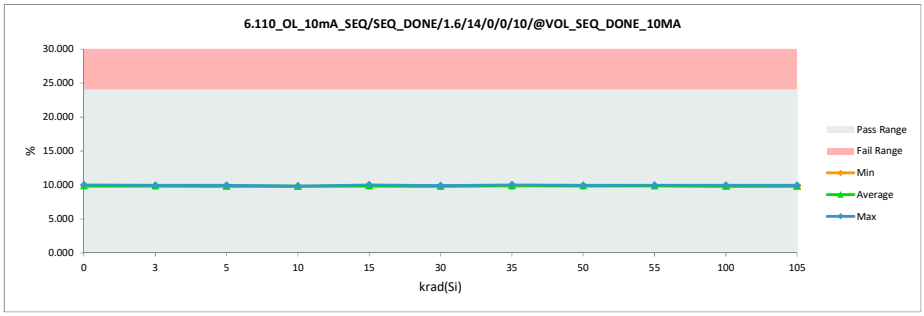
	6.110_OL_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	9.903	9.883	-0.020
0	14	10.046	10.025	-0.021
0	15	9.813	9.806	-0.007
3	20	9.940	9.941	0.001
3	21	9.884	9.896	0.012
3	22	9.769	9.800	0.031
3	23	9.835	9.862	0.027
3	24	9.909	9.941	0.032
5	25	9.776	9.813	0.037
5	26	9.754	9.821	0.067
5	27	9.790	9.940	0.150
5	28	9.765	9.841	0.076
5	29	9.761	9.841	0.080
10	30	9.730	9.813	0.083
10	31	9.773	9.846	0.073
10	32	9.735	9.810	0.075
10	33	9.766	9.843	0.077
10	34	9.713	9.814	0.101
15	35	9.767	9.909	0.142
15	36	9.662	10.018	0.356
15	37	9.853	10.025	0.172
15	38	9.667	9.826	0.159
15	39	9.698	9.861	0.163
30	40	9.680	9.880	0.200
30	41	9.700	9.899	0.199
30	42	9.603	9.778	0.175
30	43	9.616	9.788	0.172
30	44	9.703	9.893	0.190
35	45	9.663	9.938	0.275
35	46	9.303	10.028	0.725
35	47	9.596	9.853	0.257
35	48	9.647	9.906	0.259
35	49	9.669	9.925	0.256
50	50	9.665	9.891	0.226
50	51	9.583	9.816	0.233
50	52	9.727	9.948	0.221
50	53	9.710	9.959	0.249
50	54	9.638	9.906	0.268
55	55	9.619	9.893	0.274
55	56	9.042	9.978	0.936
55	57	9.582	9.845	0.263
55	58	9.570	9.895	0.325
55	59	9.556	9.875	0.319
100	60	9.410	9.786	0.376
100	61	9.464	9.858	0.394
100	62	9.584	9.962	0.378
100	63	9.419	9.789	0.370
100	64	9.606	9.985	0.379
105	65	9.420	9.792	0.372
105	66	9.478	9.877	0.399
105	67	8.671	9.949	1.278
105	68	8.580	9.810	1.230
105	69	9.550	9.941	0.391
	Max	10.046	10.028	1.278
	Average	9.629	9.883	0.254
	Min	8.580	9.778	-0.021
	Std Dev	0.261	0.069	0.267



	6.110_OL_10mA_SEQ/SE	
Test Site		
Tester		
Test Number		
Max Limit	24	%
Min Limit	0	%

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	9.806	9.800	9.813	9.810	9.826	9.778	9.853	9.816	9.845	9.786	9.792
Average	9.905	9.888	9.851	9.825	9.928	9.848	9.930	9.904	9.897	9.876	9.874
Max	10.025	9.941	9.940	9.846	10.025	9.899	10.028	9.959	9.978	9.985	9.949
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

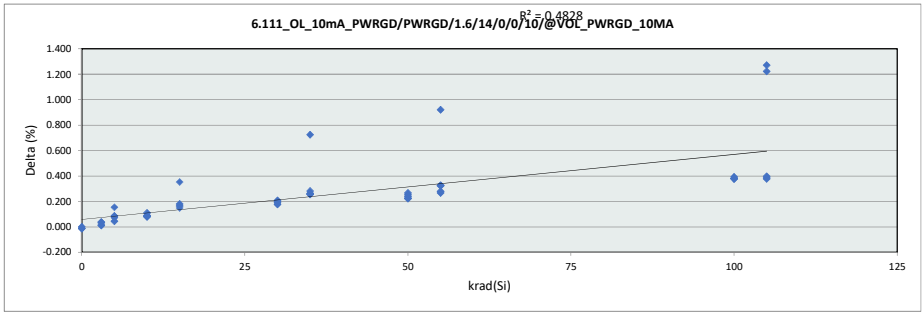


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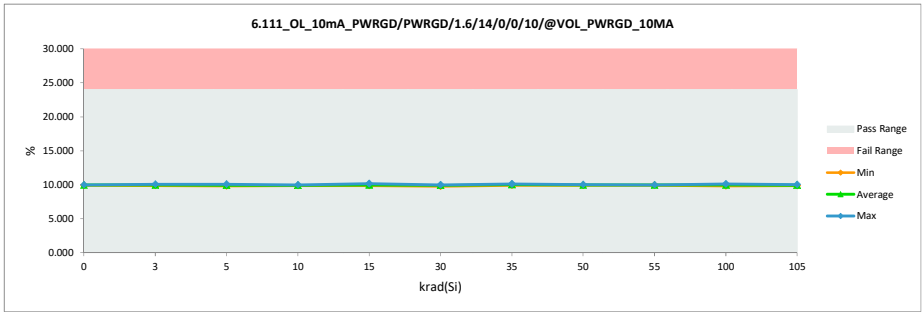
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.111_OL_10mA_PWRGD/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	9.970	9.955	-0.015
0	14	9.972	9.960	-0.012
0	15	9.886	9.886	0.000
3	20	10.056	10.065	0.009
3	21	9.917	9.930	0.013
3	22	9.825	9.861	0.036
3	23	9.891	9.921	0.030
3	24	9.937	9.973	0.036
5	25	9.796	9.839	0.043
5	26	9.759	9.831	0.072
5	27	9.918	10.071	0.153
5	28	9.782	9.867	0.085
5	29	9.767	9.852	0.085
10	30	9.763	9.852	0.089
10	31	9.762	9.839	0.077
10	32	9.819	9.899	0.080
10	33	9.883	9.966	0.083
10	34	9.756	9.864	0.108
15	35	9.844	9.991	0.147
15	36	9.619	9.970	0.351
15	37	9.957	10.136	0.179
15	38	9.764	9.924	0.160
15	39	9.709	9.876	0.167
30	40	9.765	9.971	0.206
30	41	9.722	9.921	0.199
30	42	9.602	9.777	0.175
30	43	9.654	9.831	0.177
30	44	9.730	9.922	0.192
35	45	9.740	10.021	0.281
35	46	9.372	10.095	0.723
35	47	9.684	9.937	0.253
35	48	9.663	9.920	0.257
35	49	9.753	10.016	0.263
50	50	9.701	9.922	0.221
50	51	9.676	9.913	0.237
50	52	9.801	10.025	0.224
50	53	9.711	9.961	0.250
50	54	9.628	9.893	0.265
55	55	9.674	9.951	0.277
55	56	9.057	9.976	0.919
55	57	9.653	9.918	0.265
55	58	9.615	9.940	0.325
55	59	9.638	9.960	0.322
100	60	9.433	9.811	0.378
100	61	9.477	9.869	0.392
100	62	9.679	10.057	0.378
100	63	9.506	9.884	0.378
100	64	9.710	10.092	0.382
105	65	9.481	9.857	0.376
105	66	9.527	9.923	0.396
105	67	8.745	10.015	1.270
105	68	8.638	9.859	1.221
105	69	9.551	9.935	0.384
	Max	10.056	10.136	1.270
	Average	9.678	9.934	0.256
	Min	8.638	9.777	-0.015
	Std Dev	0.261	0.079	0.263



	6.111_OL_10mA_PWRGD										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	9.886	9.861	9.831	9.839	9.876	9.777	9.920	9.893	9.918	9.811	9.857
Average	9.934	9.950	9.892	9.884	9.979	9.884	9.998	9.943	9.949	9.943	9.918
Max	9.960	10.065	10.071	9.966	10.136	9.971	10.095	10.025	9.976	10.092	10.015
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

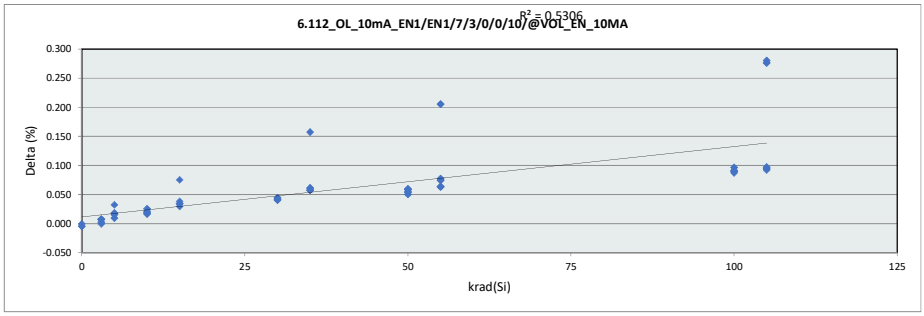


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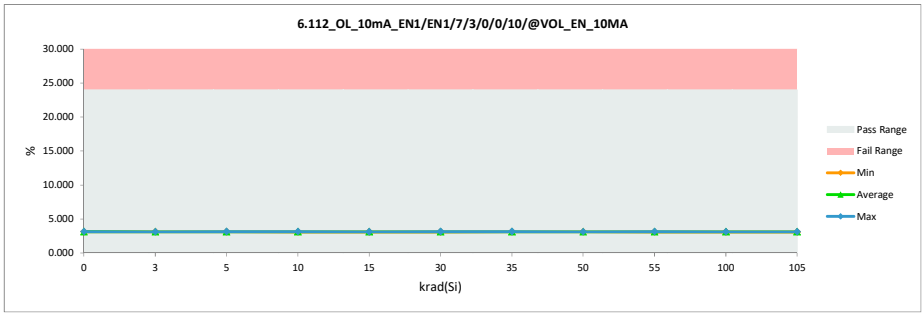
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.112_OL_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.140	3.135	-0.005
0	14	3.122	3.117	-0.005
0	15	3.113	3.112	-0.001
3	20	3.096	3.095	-0.001
3	21	3.107	3.109	0.002
3	22	3.094	3.101	0.007
3	23	3.104	3.111	0.007
3	24	3.092	3.099	0.007
5	25	3.099	3.108	0.009
5	26	3.106	3.121	0.015
5	27	3.066	3.098	0.032
5	28	3.087	3.103	0.016
5	29	3.092	3.110	0.018
10	30	3.107	3.128	0.021
10	31	3.071	3.088	0.017
10	32	3.069	3.085	0.016
10	33	3.101	3.120	0.019
10	34	3.072	3.097	0.025
15	35	3.081	3.110	0.029
15	36	3.027	3.102	0.075
15	37	3.057	3.095	0.038
15	38	3.054	3.088	0.034
15	39	3.082	3.116	0.034
30	40	3.044	3.088	0.044
30	41	3.046	3.090	0.044
30	42	3.050	3.091	0.041
30	43	3.046	3.086	0.040
30	44	3.086	3.128	0.042
35	45	3.056	3.117	0.061
35	46	2.946	3.103	0.157
35	47	3.042	3.099	0.057
35	48	3.075	3.135	0.060
35	49	3.038	3.095	0.057
50	50	3.046	3.096	0.050
50	51	3.047	3.101	0.054
50	52	3.056	3.110	0.054
50	53	3.051	3.109	0.058
50	54	3.044	3.103	0.059
55	55	3.035	3.098	0.063
55	56	2.918	3.123	0.205
55	57	3.017	3.080	0.063
55	58	3.051	3.128	0.077
55	59	3.033	3.107	0.074
100	60	3.017	3.108	0.091
100	61	3.002	3.098	0.096
100	62	3.014	3.101	0.087
100	63	2.994	3.084	0.090
100	64	3.018	3.108	0.090
105	65	2.995	3.087	0.092
105	66	3.012	3.107	0.095
105	67	2.824	3.104	0.280
105	68	2.836	3.112	0.276
105	69	3.016	3.113	0.097
	Max	3.140	3.135	0.280
	Average	3.047	3.105	0.058
	Min	2.824	3.080	-0.005
	Std Dev	0.061	0.013	0.059



	6.112_OL_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.112	3.095	3.098	3.085	3.088	3.086	3.095	3.096	3.080	3.084	3.087
Average	3.121	3.103	3.108	3.104	3.102	3.097	3.110	3.104	3.107	3.100	3.105
Max	3.135	3.111	3.121	3.128	3.116	3.128	3.135	3.110	3.128	3.108	3.113
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

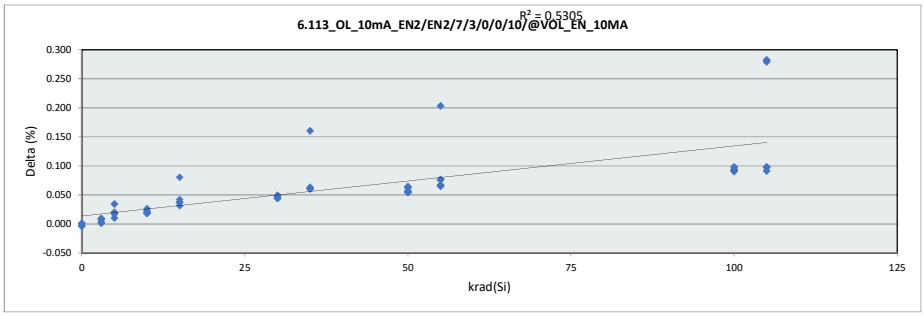


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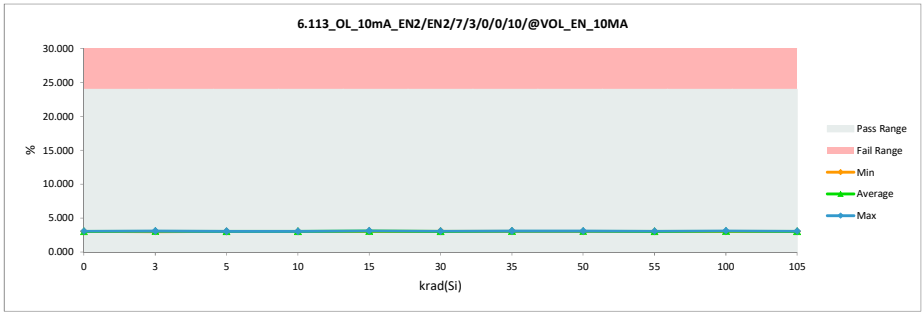
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.113_OL_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.072	3.068	-0.004
0	14	3.078	3.075	-0.003
0	15	3.041	3.042	0.001
3	20	3.115	3.116	0.001
3	21	3.058	3.062	0.004
3	22	3.013	3.021	0.008
3	23	3.037	3.046	0.009
3	24	3.096	3.105	0.009
5	25	3.032	3.042	0.010
5	26	3.030	3.047	0.017
5	27	3.025	3.059	0.034
5	28	3.004	3.023	0.019
5	29	3.032	3.052	0.020
10	30	3.026	3.048	0.022
10	31	3.028	3.046	0.018
10	32	3.037	3.055	0.018
10	33	3.016	3.036	0.020
10	34	3.019	3.045	0.026
15	35	3.071	3.102	0.031
15	36	3.015	3.095	0.080
15	37	3.084	3.126	0.042
15	38	3.040	3.077	0.037
15	39	3.032	3.069	0.037
30	40	3.004	3.052	0.048
30	41	3.029	3.078	0.049
30	42	3.007	3.051	0.044
30	43	3.023	3.069	0.046
30	44	3.024	3.068	0.044
35	45	2.996	3.059	0.063
35	46	2.915	3.075	0.160
35	47	3.014	3.075	0.061
35	48	2.990	3.050	0.060
35	49	3.057	3.118	0.061
50	50	3.029	3.083	0.054
50	51	2.969	3.023	0.054
50	52	3.045	3.101	0.056
50	53	3.015	3.077	0.062
50	54	3.041	3.105	0.064
55	55	3.011	3.078	0.067
55	56	2.858	3.061	0.203
55	57	2.974	3.039	0.065
55	58	2.985	3.061	0.076
55	59	2.983	3.059	0.076
100	60	2.942	3.034	0.092
100	61	2.973	3.071	0.098
100	62	3.027	3.120	0.093
100	63	2.939	3.029	0.090
100	64	3.021	3.115	0.094
105	65	2.934	3.025	0.091
105	66	2.978	3.076	0.098
105	67	2.763	3.042	0.279
105	68	2.785	3.067	0.282
105	69	2.956	3.053	0.097
	Max	3.115	3.126	0.282
	Average	3.005	3.065	0.060
	Min	2.763	3.021	-0.004
	Std Dev	0.065	0.027	0.059



	6.113_OL_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.042	3.021	3.023	3.036	3.069	3.051	3.050	3.023	3.039	3.029	3.025
Average	3.062	3.070	3.045	3.046	3.094	3.064	3.075	3.078	3.060	3.074	3.053
Max	3.075	3.116	3.059	3.055	3.126	3.078	3.118	3.105	3.078	3.120	3.076
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

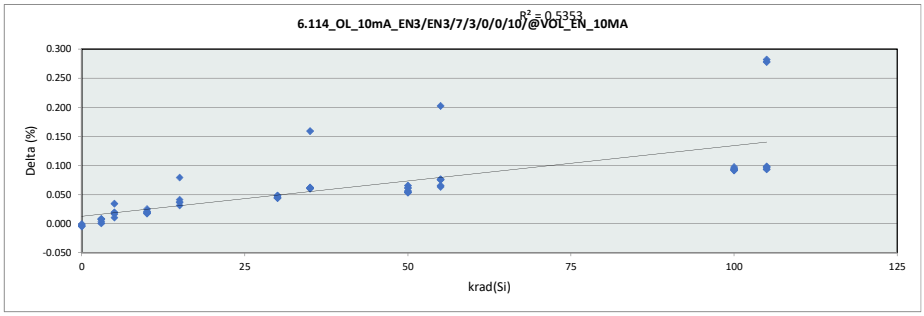


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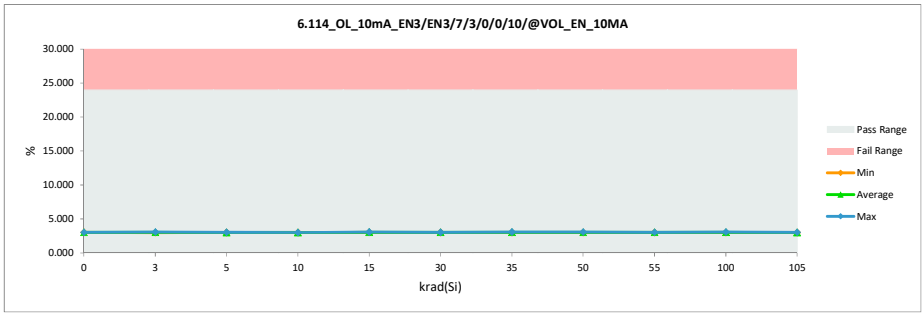
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.114_OL_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.026	3.021	-0.005
0	14	3.037	3.033	-0.004
0	15	3.022	3.021	-0.001
3	20	3.063	3.063	0.000
3	21	3.016	3.019	0.003
3	22	2.973	2.980	0.007
3	23	3.015	3.022	0.007
3	24	3.054	3.062	0.008
5	25	3.001	3.011	0.010
5	26	2.985	3.001	0.016
5	27	2.976	3.010	0.034
5	28	2.973	2.992	0.019
5	29	3.014	3.033	0.019
10	30	2.986	3.007	0.021
10	31	2.993	3.010	0.017
10	32	2.982	3.000	0.018
10	33	2.980	2.999	0.019
10	34	2.965	2.990	0.025
15	35	3.023	3.054	0.031
15	36	2.966	3.045	0.079
15	37	3.039	3.080	0.041
15	38	2.984	3.020	0.036
15	39	2.993	3.030	0.037
30	40	2.968	3.016	0.048
30	41	2.985	3.033	0.048
30	42	2.952	2.996	0.044
30	43	2.969	3.013	0.044
30	44	2.989	3.033	0.044
35	45	2.956	3.018	0.062
35	46	2.870	3.029	0.159
35	47	2.968	3.028	0.060
35	48	2.952	3.013	0.061
35	49	3.016	3.077	0.061
50	50	2.977	3.030	0.053
50	51	2.936	2.990	0.054
50	52	2.998	3.054	0.056
50	53	2.973	3.034	0.061
50	54	3.003	3.068	0.065
55	55	2.963	3.028	0.065
55	56	2.820	3.022	0.202
55	57	2.939	3.002	0.063
55	58	2.942	3.018	0.076
55	59	2.939	3.014	0.075
100	60	2.906	2.998	0.092
100	61	2.930	3.027	0.097
100	62	2.973	3.066	0.093
100	63	2.922	3.013	0.091
100	64	2.974	3.068	0.094
105	65	2.903	2.996	0.093
105	66	2.937	3.035	0.098
105	67	2.730	3.012	0.282
105	68	2.725	3.003	0.278
105	69	2.910	3.006	0.096
	Max	3.063	3.080	0.282
	Average	2.964	3.023	0.059
	Min	2.725	2.980	-0.005
	Std Dev	0.065	0.024	0.060



	6.114_OL_10mA_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.021	2.980	2.992	2.990	3.020	2.996	3.013	2.990	3.002	2.998	2.996
Average	3.025	3.029	3.009	3.001	3.046	3.018	3.033	3.035	3.017	3.034	3.010
Max	3.033	3.063	3.033	3.010	3.080	3.033	3.077	3.068	3.028	3.068	3.035
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

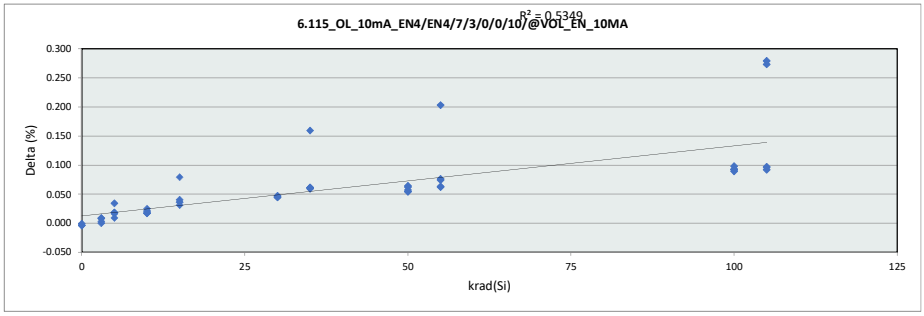


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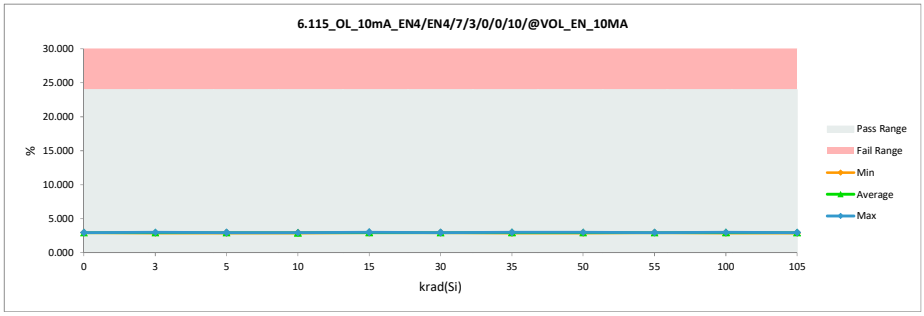
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.115_OL_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.930	2.926	-0.004
0	14	2.957	2.953	-0.004
0	15	2.929	2.928	-0.001
3	20	2.976	2.976	0.000
3	21	2.919	2.922	0.003
3	22	2.871	2.880	0.009
3	23	2.920	2.928	0.008
3	24	2.959	2.967	0.008
5	25	2.922	2.931	0.009
5	26	2.908	2.924	0.016
5	27	2.879	2.913	0.034
5	28	2.883	2.901	0.018
5	29	2.928	2.946	0.018
10	30	2.896	2.917	0.021
10	31	2.915	2.932	0.017
10	32	2.880	2.897	0.017
10	33	2.892	2.911	0.019
10	34	2.872	2.897	0.025
15	35	2.924	2.955	0.031
15	36	2.904	2.983	0.079
15	37	2.947	2.987	0.040
15	38	2.894	2.930	0.036
15	39	2.891	2.927	0.036
30	40	2.869	2.916	0.047
30	41	2.893	2.940	0.047
30	42	2.883	2.927	0.044
30	43	2.884	2.929	0.045
30	44	2.904	2.949	0.045
35	45	2.846	2.907	0.061
35	46	2.791	2.950	0.159
35	47	2.868	2.927	0.059
35	48	2.863	2.923	0.060
35	49	2.921	2.982	0.061
50	50	2.890	2.944	0.054
50	51	2.835	2.889	0.054
50	52	2.914	2.971	0.057
50	53	2.876	2.938	0.062
50	54	2.907	2.971	0.064
55	55	2.892	2.955	0.063
55	56	2.723	2.926	0.203
55	57	2.852	2.914	0.062
55	58	2.858	2.934	0.076
55	59	2.843	2.917	0.074
100	60	2.814	2.906	0.092
100	61	2.851	2.949	0.098
100	62	2.878	2.970	0.092
100	63	2.804	2.893	0.089
100	64	2.878	2.971	0.093
105	65	2.811	2.903	0.092
105	66	2.845	2.941	0.096
105	67	2.648	2.927	0.279
105	68	2.643	2.916	0.273
105	69	2.836	2.933	0.097
	Max	2.976	2.987	0.279
	Average	2.874	2.933	0.059
	Min	2.643	2.880	-0.004
	Std Dev	0.064	0.026	0.059



	6.115_OL_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.926	2.880	2.901	2.897	2.927	2.916	2.907	2.889	2.914	2.893	2.903
Average	2.936	2.935	2.923	2.911	2.956	2.932	2.938	2.943	2.929	2.938	2.924
Max	2.953	2.976	2.946	2.932	2.987	2.949	2.982	2.971	2.955	2.971	2.941
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

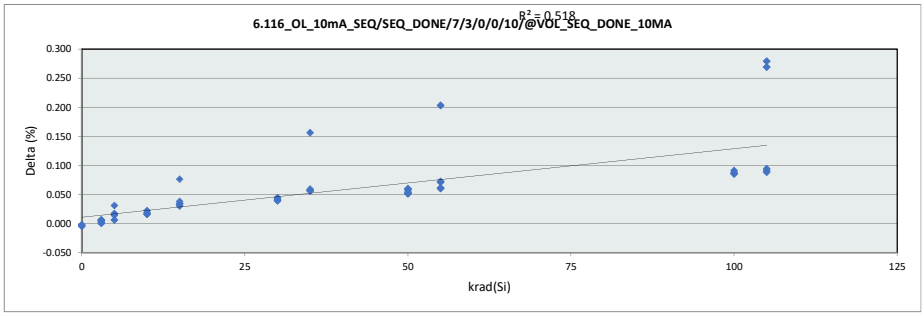


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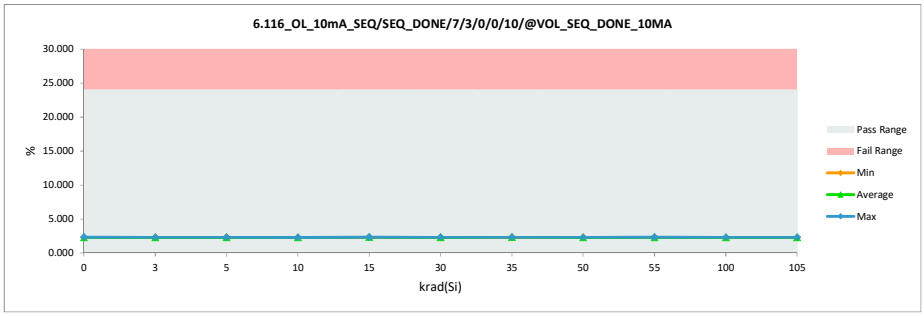
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.116_OL_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.292	2.287	-0.005
0	14	2.330	2.326	-0.004
0	15	2.271	2.269	-0.002
3	20	2.308	2.308	0.000
3	21	2.287	2.289	0.002
3	22	2.270	2.275	0.005
3	23	2.282	2.288	0.006
3	24	2.305	2.311	0.006
5	25	2.270	2.276	0.006
5	26	2.265	2.279	0.014
5	27	2.271	2.302	0.031
5	28	2.259	2.276	0.017
5	29	2.268	2.284	0.016
10	30	2.254	2.273	0.019
10	31	2.265	2.281	0.016
10	32	2.254	2.270	0.016
10	33	2.266	2.282	0.016
10	34	2.250	2.272	0.022
15	35	2.268	2.298	0.030
15	36	2.249	2.325	0.076
15	37	2.286	2.324	0.038
15	38	2.241	2.275	0.034
15	39	2.242	2.276	0.034
30	40	2.240	2.284	0.044
30	41	2.257	2.301	0.044
30	42	2.227	2.267	0.040
30	43	2.228	2.267	0.039
30	44	2.245	2.286	0.041
35	45	2.246	2.305	0.059
35	46	2.164	2.320	0.156
35	47	2.226	2.282	0.056
35	48	2.229	2.286	0.057
35	49	2.246	2.303	0.057
50	50	2.243	2.294	0.051
50	51	2.223	2.275	0.052
50	52	2.253	2.307	0.054
50	53	2.247	2.305	0.058
50	54	2.237	2.297	0.060
55	55	2.231	2.292	0.061
55	56	2.118	2.321	0.203
55	57	2.217	2.277	0.060
55	58	2.223	2.295	0.072
55	59	2.215	2.286	0.071
100	60	2.184	2.271	0.087
100	61	2.198	2.289	0.091
100	62	2.221	2.307	0.086
100	63	2.184	2.269	0.085
100	64	2.226	2.313	0.087
105	65	2.185	2.273	0.088
105	66	2.185	2.276	0.091
105	67	2.027	2.306	0.279
105	68	1.999	2.268	0.269
105	69	2.221	2.315	0.094
	Max	2.330	2.326	0.279
	Average	2.234	2.290	0.056
	Min	1.999	2.267	-0.005
	Std Dev	0.058	0.017	0.059



	6.116_OL_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.269	2.275	2.276	2.270	2.275	2.267	2.282	2.275	2.277	2.269	2.268
Average	2.294	2.294	2.283	2.276	2.300	2.281	2.299	2.296	2.294	2.290	2.288
Max	2.326	2.311	2.302	2.282	2.325	2.301	2.320	2.307	2.321	2.313	2.315
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

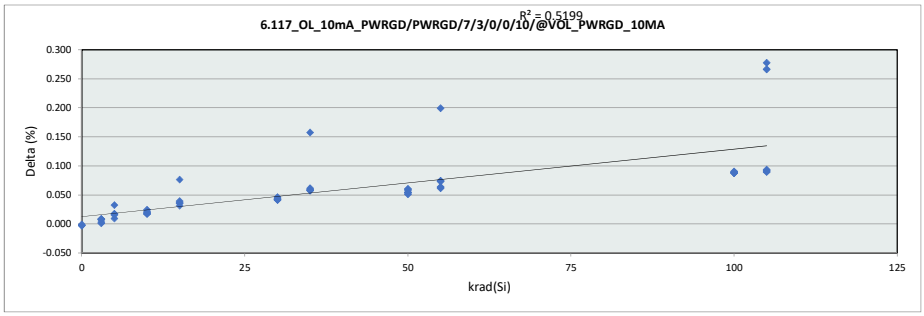


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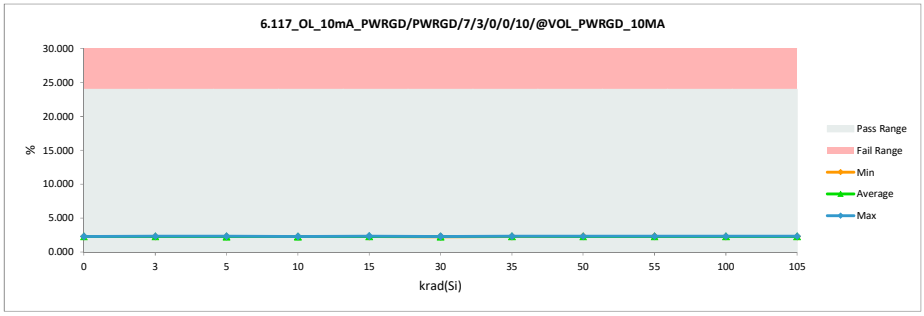
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.117_OL_10mA_PWRGD/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.310	2.307	-0.003
0	14	2.314	2.311	-0.003
0	15	2.289	2.288	-0.001
3	20	2.334	2.335	0.001
3	21	2.297	2.300	0.003
3	22	2.284	2.291	0.007
3	23	2.295	2.303	0.008
3	24	2.310	2.318	0.008
5	25	2.274	2.283	0.009
5	26	2.266	2.281	0.015
5	27	2.302	2.334	0.032
5	28	2.264	2.281	0.017
5	29	2.270	2.287	0.017
10	30	2.262	2.283	0.021
10	31	2.262	2.279	0.017
10	32	2.277	2.294	0.017
10	33	2.294	2.313	0.019
10	34	2.260	2.284	0.024
15	35	2.285	2.316	0.031
15	36	2.238	2.314	0.076
15	37	2.312	2.351	0.039
15	38	2.265	2.300	0.035
15	39	2.246	2.282	0.036
30	40	2.261	2.307	0.046
30	41	2.262	2.306	0.044
30	42	2.225	2.266	0.041
30	43	2.236	2.277	0.041
30	44	2.254	2.296	0.042
35	45	2.264	2.325	0.061
35	46	2.181	2.338	0.157
35	47	2.246	2.303	0.057
35	48	2.234	2.292	0.058
35	49	2.265	2.324	0.059
50	50	2.252	2.303	0.051
50	51	2.246	2.300	0.054
50	52	2.271	2.325	0.054
50	53	2.248	2.306	0.058
50	54	2.235	2.295	0.060
55	55	2.244	2.307	0.063
55	56	2.121	2.320	0.199
55	57	2.235	2.296	0.061
55	58	2.232	2.306	0.074
55	59	2.233	2.306	0.073
100	60	2.189	2.277	0.088
100	61	2.200	2.290	0.090
100	62	2.243	2.330	0.087
100	63	2.205	2.292	0.087
100	64	2.251	2.339	0.088
105	65	2.200	2.289	0.089
105	66	2.198	2.289	0.091
105	67	2.046	2.323	0.277
105	68	2.014	2.280	0.266
105	69	2.221	2.314	0.093
	Max	2.334	2.351	0.277
	Average	2.246	2.303	0.057
	Min	2.014	2.266	-0.003
	Std Dev	0.058	0.019	0.058



	6.117_OL_10mA_PWRGD										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.288	2.291	2.281	2.279	2.282	2.266	2.292	2.295	2.296	2.277	2.280
Average	2.302	2.309	2.293	2.291	2.313	2.290	2.316	2.306	2.307	2.306	2.299
Max	2.311	2.335	2.334	2.313	2.351	2.307	2.338	2.325	2.320	2.339	2.323
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

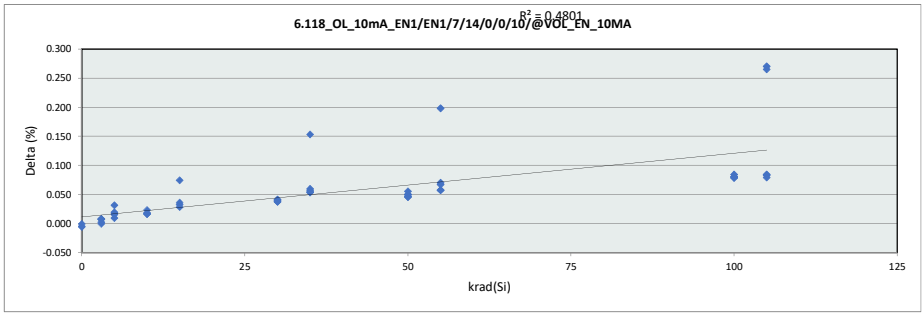


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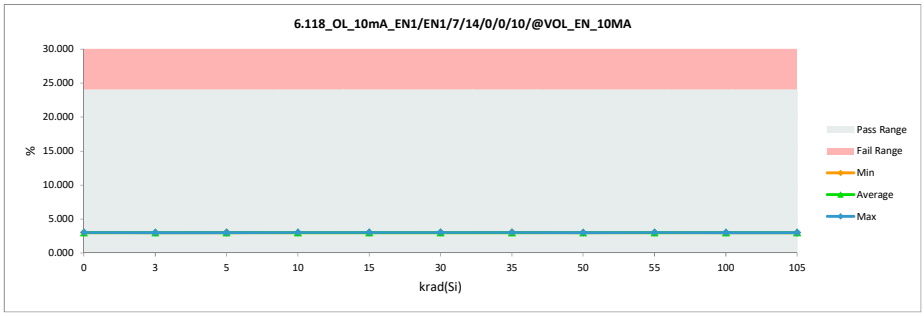
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.118_OL_10mA_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.015	3.009	-0.006
0	14	2.999	2.994	-0.005
0	15	2.987	2.986	-0.001
3	20	2.977	2.976	-0.001
3	21	2.985	2.987	0.002
3	22	2.965	2.972	0.007
3	23	2.978	2.985	0.007
3	24	2.967	2.975	0.008
5	25	2.976	2.985	0.009
5	26	2.979	2.994	0.015
5	27	2.953	2.984	0.031
5	28	2.965	2.982	0.017
5	29	2.964	2.983	0.019
10	30	2.984	3.002	0.018
10	31	2.955	2.971	0.016
10	32	2.957	2.973	0.016
10	33	2.975	2.992	0.017
10	34	2.956	2.979	0.023
15	35	2.959	2.987	0.028
15	36	2.906	2.980	0.074
15	37	2.939	2.975	0.036
15	38	2.937	2.969	0.032
15	39	2.966	2.999	0.033
30	40	2.927	2.967	0.040
30	41	2.922	2.963	0.041
30	42	2.932	2.969	0.037
30	43	2.931	2.968	0.037
30	44	2.964	3.004	0.040
35	45	2.934	2.993	0.059
35	46	2.832	2.985	0.153
35	47	2.928	2.982	0.054
35	48	2.957	3.013	0.056
35	49	2.922	2.975	0.053
50	50	2.927	2.972	0.045
50	51	2.927	2.976	0.049
50	52	2.940	2.986	0.046
50	53	2.934	2.984	0.050
50	54	2.926	2.981	0.055
55	55	2.917	2.974	0.057
55	56	2.796	2.994	0.198
55	57	2.905	2.962	0.057
55	58	2.929	2.999	0.070
55	59	2.917	2.984	0.067
100	60	2.901	2.981	0.080
100	61	2.890	2.974	0.084
100	62	2.906	2.984	0.078
100	63	2.881	2.960	0.079
100	64	2.906	2.986	0.080
105	65	2.881	2.960	0.079
105	66	2.908	2.992	0.084
105	67	2.712	2.982	0.270
105	68	2.727	2.992	0.265
105	69	2.899	2.982	0.083
	Max	3.015	3.013	0.270
	Average	2.929	2.982	0.054
	Min	2.712	2.960	-0.006
	Std Dev	0.057	0.012	0.057



	6.118_OL_10mA_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.986	2.972	2.982	2.971	2.969	2.963	2.975	2.972	2.962	2.960	2.960
Average	2.996	2.979	2.986	2.983	2.982	2.974	2.990	2.980	2.983	2.977	2.982
Max	3.009	2.987	2.994	3.002	2.999	3.004	3.013	2.986	2.999	2.986	2.992
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

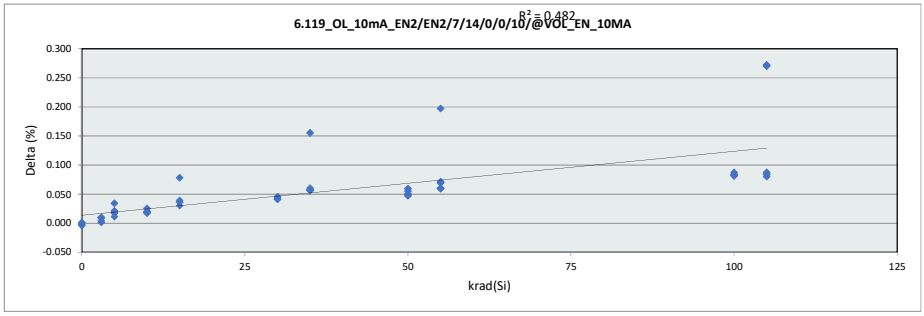


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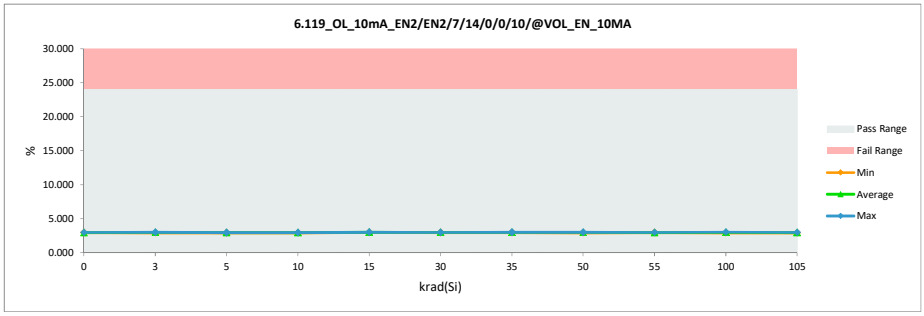
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.119_OL_10mA_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.951	2.947	-0.004
0	14	2.955	2.953	-0.002
0	15	2.925	2.926	0.001
3	20	2.991	2.992	0.001
3	21	2.939	2.943	0.004
3	22	2.892	2.901	0.009
3	23	2.917	2.926	0.009
3	24	2.967	2.977	0.010
5	25	2.912	2.923	0.011
5	26	2.909	2.926	0.017
5	27	2.910	2.944	0.034
5	28	2.893	2.912	0.019
5	29	2.909	2.930	0.021
10	30	2.910	2.930	0.020
10	31	2.913	2.930	0.017
10	32	2.923	2.941	0.018
10	33	2.898	2.917	0.019
10	34	2.905	2.930	0.025
15	35	2.948	2.978	0.030
15	36	2.892	2.970	0.078
15	37	2.960	2.999	0.039
15	38	2.923	2.959	0.036
15	39	2.922	2.958	0.036
30	40	2.893	2.938	0.045
30	41	2.907	2.952	0.045
30	42	2.894	2.935	0.041
30	43	2.912	2.953	0.041
30	44	2.911	2.953	0.042
35	45	2.878	2.938	0.060
35	46	2.802	2.957	0.155
35	47	2.900	2.957	0.057
35	48	2.884	2.940	0.056
35	49	2.936	2.993	0.057
50	50	2.910	2.959	0.049
50	51	2.855	2.905	0.050
50	52	2.928	2.975	0.047
50	53	2.903	2.958	0.055
50	54	2.923	2.982	0.059
55	55	2.895	2.955	0.060
55	56	2.737	2.934	0.197
55	57	2.867	2.926	0.059
55	58	2.868	2.939	0.071
55	59	2.872	2.941	0.069
100	60	2.835	2.917	0.082
100	61	2.860	2.947	0.087
100	62	2.916	2.998	0.082
100	63	2.829	2.910	0.081
100	64	2.908	2.992	0.084
105	65	2.827	2.907	0.080
105	66	2.879	2.966	0.087
105	67	2.655	2.925	0.270
105	68	2.681	2.953	0.272
105	69	2.841	2.925	0.084
	Max	2.991	2.999	0.272
	Average	2.890	2.946	0.056
	Min	2.655	2.901	-0.004
	Std Dev	0.062	0.025	0.057



	6.119_OL_10mA_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.926	2.901	2.912	2.917	2.958	2.935	2.938	2.905	2.926	2.910	2.907
Average	2.942	2.948	2.927	2.930	2.973	2.946	2.957	2.956	2.939	2.953	2.935
Max	2.953	2.992	2.944	2.941	2.999	2.953	2.993	2.982	2.955	2.998	2.966
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

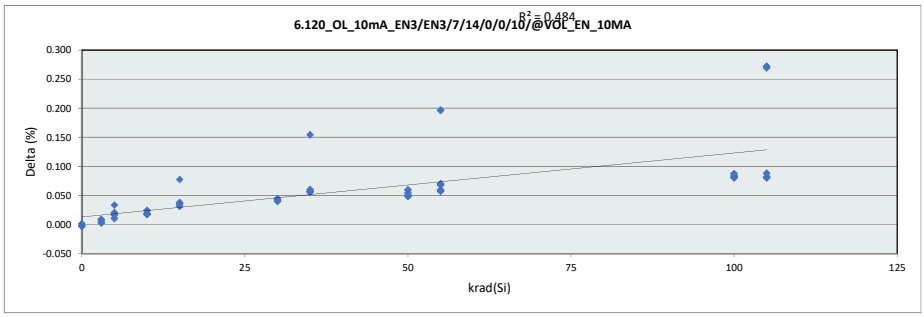


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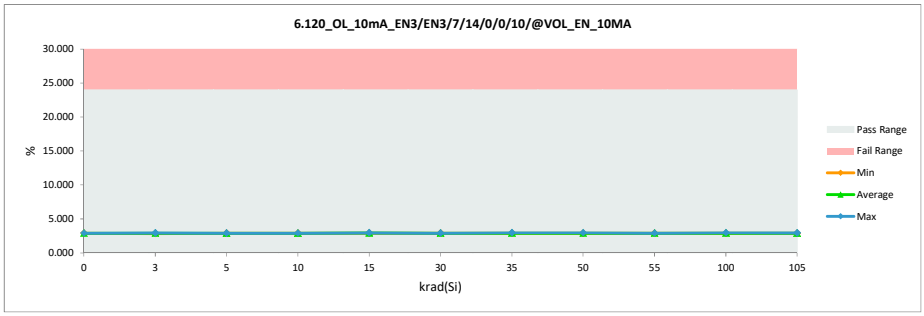
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.120_OL_10mA_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.904	2.901	-0.003
0	14	2.914	2.911	-0.003
0	15	2.902	2.903	0.001
3	20	2.939	2.941	0.002
3	21	2.897	2.901	0.004
3	22	2.851	2.859	0.008
3	23	2.892	2.900	0.008
3	24	2.925	2.933	0.008
5	25	2.881	2.891	0.010
5	26	2.864	2.880	0.016
5	27	2.861	2.894	0.033
5	28	2.861	2.879	0.018
5	29	2.888	2.908	0.020
10	30	2.870	2.889	0.019
10	31	2.876	2.893	0.017
10	32	2.869	2.886	0.017
10	33	2.860	2.878	0.018
10	34	2.852	2.876	0.024
15	35	2.899	2.930	0.031
15	36	2.844	2.921	0.077
15	37	2.915	2.953	0.038
15	38	2.868	2.903	0.035
15	39	2.883	2.919	0.036
30	40	2.856	2.900	0.044
30	41	2.864	2.908	0.044
30	42	2.840	2.880	0.040
30	43	2.859	2.899	0.040
30	44	2.875	2.917	0.042
35	45	2.836	2.896	0.060
35	46	2.758	2.912	0.154
35	47	2.855	2.911	0.056
35	48	2.846	2.903	0.057
35	49	2.894	2.950	0.056
50	50	2.859	2.908	0.049
50	51	2.820	2.870	0.050
50	52	2.881	2.929	0.048
50	53	2.862	2.916	0.054
50	54	2.885	2.944	0.059
55	55	2.848	2.907	0.059
55	56	2.699	2.895	0.196
55	57	2.831	2.888	0.057
55	58	2.825	2.895	0.070
55	59	2.827	2.895	0.068
100	60	2.798	2.878	0.080
100	61	2.817	2.904	0.087
100	62	2.863	2.946	0.083
100	63	2.808	2.889	0.081
100	64	2.861	2.944	0.083
105	65	2.794	2.874	0.080
105	66	2.839	2.927	0.088
105	67	2.621	2.893	0.272
105	68	2.622	2.891	0.269
105	69	2.796	2.878	0.082
	Max	2.939	2.953	0.272
	Average	2.848	2.904	0.056
	Min	2.621	2.859	-0.003
	Std Dev	0.061	0.022	0.057



	6.120_OL_10mA_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.901	2.859	2.879	2.876	2.903	2.880	2.896	2.870	2.888	2.878	2.874
Average	2.905	2.907	2.890	2.884	2.925	2.901	2.914	2.913	2.896	2.912	2.893
Max	2.911	2.941	2.908	2.893	2.953	2.917	2.950	2.944	2.907	2.946	2.927
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

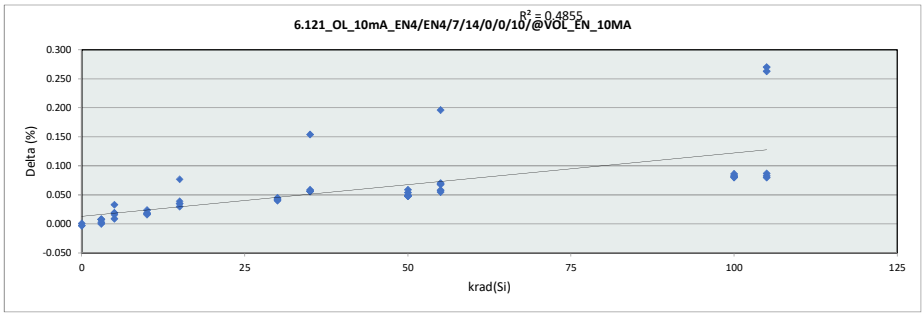


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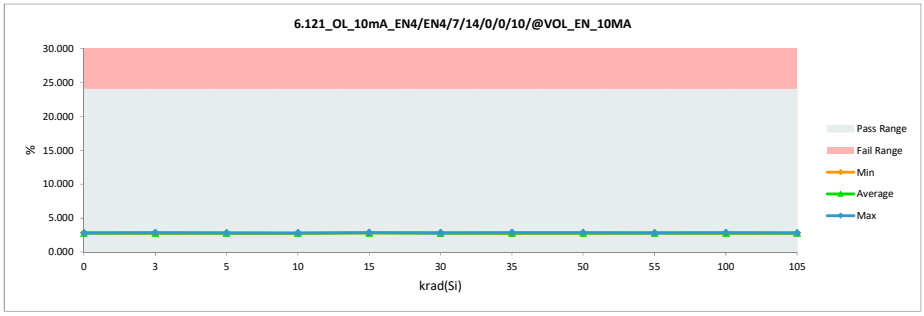
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.121_OL_10mA_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.810	2.807	-0.003
0	14	2.833	2.830	-0.003
0	15	2.810	2.811	0.001
3	20	2.853	2.853	0.000
3	21	2.802	2.805	0.003
3	22	2.753	2.761	0.008
3	23	2.799	2.807	0.008
3	24	2.832	2.840	0.008
5	25	2.802	2.811	0.009
5	26	2.787	2.803	0.016
5	27	2.766	2.799	0.033
5	28	2.772	2.791	0.019
5	29	2.802	2.821	0.019
10	30	2.781	2.800	0.019
10	31	2.798	2.815	0.017
10	32	2.769	2.785	0.016
10	33	2.773	2.791	0.018
10	34	2.760	2.784	0.024
15	35	2.803	2.833	0.030
15	36	2.779	2.856	0.077
15	37	2.824	2.863	0.039
15	38	2.779	2.814	0.035
15	39	2.783	2.818	0.035
30	40	2.759	2.803	0.044
30	41	2.772	2.817	0.045
30	42	2.769	2.809	0.040
30	43	2.774	2.815	0.041
30	44	2.790	2.832	0.042
35	45	2.730	2.789	0.059
35	46	2.678	2.832	0.154
35	47	2.756	2.813	0.057
35	48	2.757	2.813	0.056
35	49	2.801	2.857	0.056
50	50	2.773	2.821	0.048
50	51	2.723	2.772	0.049
50	52	2.799	2.847	0.048
50	53	2.766	2.820	0.054
50	54	2.790	2.849	0.059
55	55	2.775	2.833	0.058
55	56	2.604	2.800	0.196
55	57	2.745	2.800	0.055
55	58	2.742	2.812	0.070
55	59	2.733	2.801	0.068
100	60	2.707	2.788	0.081
100	61	2.738	2.824	0.086
100	62	2.770	2.852	0.082
100	63	2.695	2.775	0.080
100	64	2.766	2.849	0.083
105	65	2.703	2.783	0.080
105	66	2.746	2.833	0.087
105	67	2.539	2.809	0.270
105	68	2.541	2.804	0.263
105	69	2.721	2.804	0.083
	Max	2.853	2.863	0.270
	Average	2.759	2.814	0.055
	Min	2.539	2.761	-0.003
	Std Dev	0.061	0.023	0.056



	6.121_OL_10mA_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.807	2.761	2.791	2.784	2.814	2.803	2.789	2.772	2.800	2.775	2.783
Average	2.816	2.813	2.805	2.795	2.837	2.815	2.821	2.822	2.809	2.818	2.807
Max	2.830	2.853	2.821	2.815	2.863	2.832	2.857	2.849	2.833	2.852	2.833
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

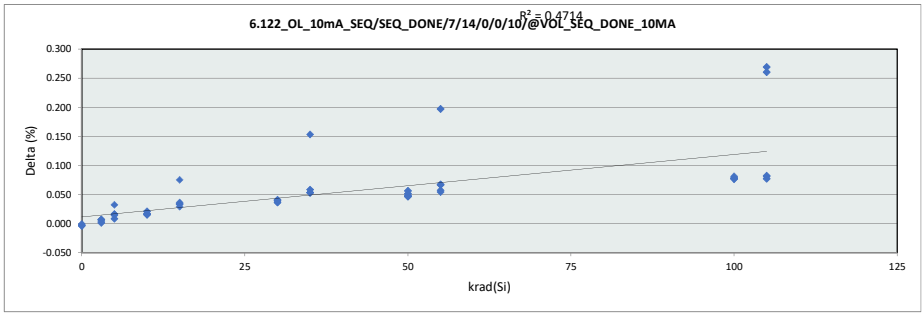


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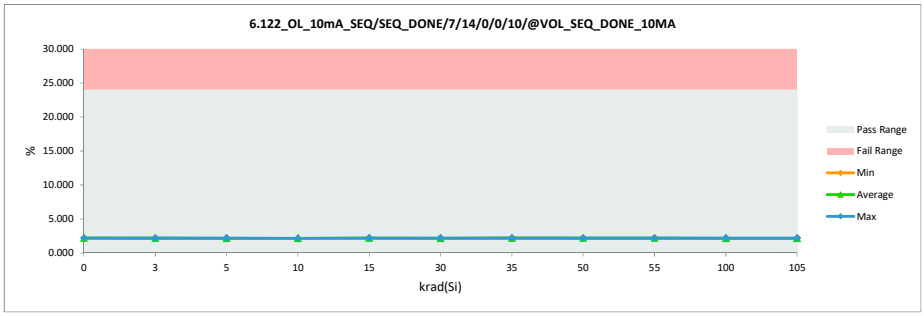
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.122_OL_10mA_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.178	2.174	-0.004
0	14	2.210	2.206	-0.004
0	15	2.160	2.159	-0.001
3	20	2.189	2.190	0.001
3	21	2.174	2.177	0.003
3	22	2.151	2.158	0.007
3	23	2.165	2.171	0.006
3	24	2.182	2.189	0.007
5	25	2.154	2.162	0.008
5	26	2.149	2.163	0.014
5	27	2.156	2.188	0.032
5	28	2.151	2.167	0.016
5	29	2.151	2.167	0.016
10	30	2.144	2.161	0.017
10	31	2.153	2.168	0.015
10	32	2.145	2.160	0.015
10	33	2.150	2.166	0.016
10	34	2.139	2.160	0.021
15	35	2.152	2.181	0.029
15	36	2.129	2.204	0.075
15	37	2.169	2.205	0.036
15	38	2.130	2.163	0.033
15	39	2.136	2.170	0.034
30	40	2.134	2.174	0.040
30	41	2.139	2.180	0.041
30	42	2.118	2.154	0.036
30	43	2.120	2.156	0.036
30	44	2.138	2.177	0.039
35	45	2.130	2.188	0.058
35	46	2.053	2.206	0.153
35	47	2.117	2.170	0.053
35	48	2.127	2.180	0.053
35	49	2.133	2.186	0.053
50	50	2.130	2.177	0.047
50	51	2.112	2.160	0.048
50	52	2.143	2.189	0.046
50	53	2.141	2.192	0.051
50	54	2.125	2.181	0.056
55	55	2.121	2.178	0.057
55	56	1.998	2.195	0.197
55	57	2.113	2.167	0.054
55	58	2.111	2.178	0.067
55	59	2.107	2.173	0.066
100	60	2.079	2.156	0.077
100	61	2.090	2.171	0.081
100	62	2.116	2.194	0.078
100	63	2.079	2.155	0.076
100	64	2.119	2.197	0.078
105	65	2.080	2.157	0.077
105	66	2.092	2.174	0.082
105	67	1.920	2.189	0.269
105	68	1.901	2.161	0.260
105	69	2.108	2.189	0.081
	Max	2.210	2.206	0.269
	Average	2.123	2.176	0.053
	Min	1.901	2.154	-0.004
	Std Dev	0.055	0.015	0.056



	6.122_OL_10mA_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.159	2.158	2.162	2.160	2.163	2.154	2.170	2.160	2.167	2.155	2.157
Average	2.180	2.177	2.169	2.163	2.185	2.168	2.186	2.180	2.178	2.175	2.174
Max	2.206	2.190	2.188	2.168	2.205	2.180	2.206	2.192	2.195	2.197	2.189
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

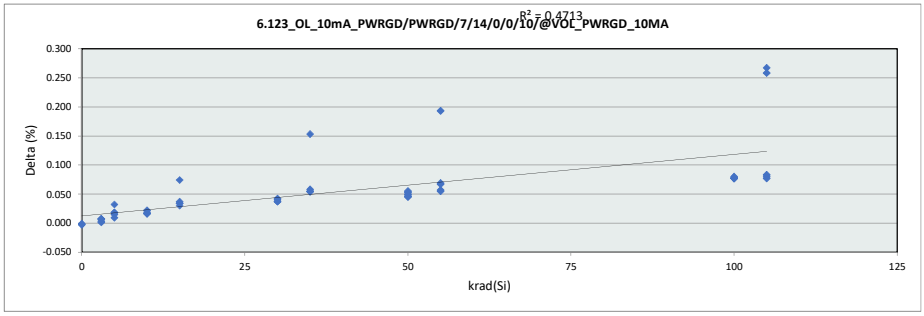


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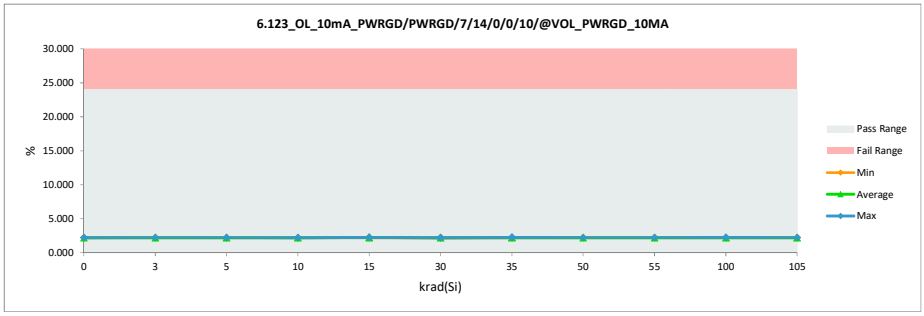
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.123_OL_10mA_PWRGD/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	24	24
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.195	2.192	-0.003
0	14	2.196	2.194	-0.002
0	15	2.178	2.177	-0.001
3	20	2.215	2.216	0.001
3	21	2.185	2.188	0.003
3	22	2.166	2.173	0.007
3	23	2.179	2.186	0.007
3	24	2.189	2.196	0.007
5	25	2.160	2.169	0.009
5	26	2.153	2.168	0.015
5	27	2.184	2.216	0.032
5	28	2.156	2.174	0.018
5	29	2.154	2.172	0.018
10	30	2.152	2.171	0.019
10	31	2.153	2.169	0.016
10	32	2.166	2.182	0.016
10	33	2.177	2.194	0.017
10	34	2.150	2.172	0.022
15	35	2.169	2.199	0.030
15	36	2.122	2.196	0.074
15	37	2.194	2.231	0.037
15	38	2.152	2.186	0.034
15	39	2.142	2.176	0.034
30	40	2.153	2.195	0.042
30	41	2.145	2.187	0.042
30	42	2.118	2.155	0.037
30	43	2.129	2.166	0.037
30	44	2.146	2.186	0.040
35	45	2.148	2.206	0.058
35	46	2.070	2.223	0.153
35	47	2.136	2.190	0.054
35	48	2.132	2.186	0.054
35	49	2.153	2.208	0.055
50	50	2.141	2.186	0.045
50	51	2.135	2.184	0.049
50	52	2.161	2.207	0.046
50	53	2.143	2.195	0.052
50	54	2.126	2.181	0.055
55	55	2.135	2.192	0.057
55	56	2.003	2.196	0.193
55	57	2.131	2.186	0.055
55	58	2.121	2.190	0.069
55	59	2.126	2.193	0.067
100	60	2.085	2.162	0.077
100	61	2.094	2.174	0.080
100	62	2.139	2.216	0.077
100	63	2.099	2.176	0.077
100	64	2.144	2.222	0.078
105	65	2.095	2.172	0.077
105	66	2.104	2.187	0.083
105	67	1.939	2.206	0.267
105	68	1.916	2.174	0.258
105	69	2.109	2.189	0.080
	Max	2.215	2.231	0.267
	Average	2.135	2.188	0.053
	Min	1.916	2.155	-0.003
	Std Dev	0.055	0.017	0.055



	6.123_OL_10mA_PWRGD										
Test Site											
Tester											
Test Number											
Max Limit	24	%									
Min Limit	0	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.177	2.173	2.168	2.169	2.176	2.155	2.186	2.181	2.186	2.162	2.172
Average	2.188	2.192	2.180	2.178	2.198	2.178	2.203	2.191	2.191	2.190	2.186
Max	2.194	2.216	2.216	2.194	2.231	2.195	2.223	2.207	2.196	2.222	2.206
UL	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000	24.000

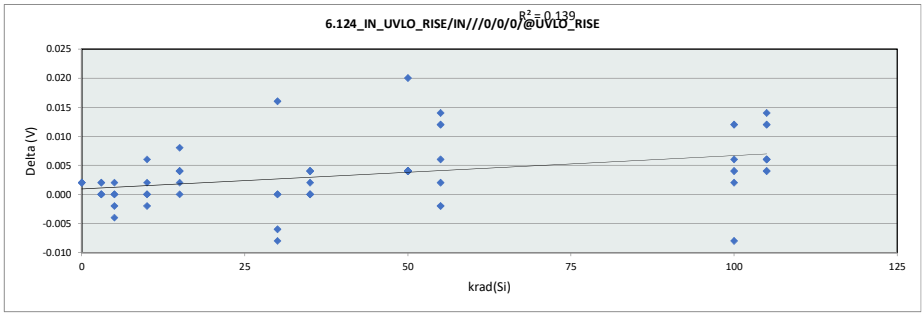


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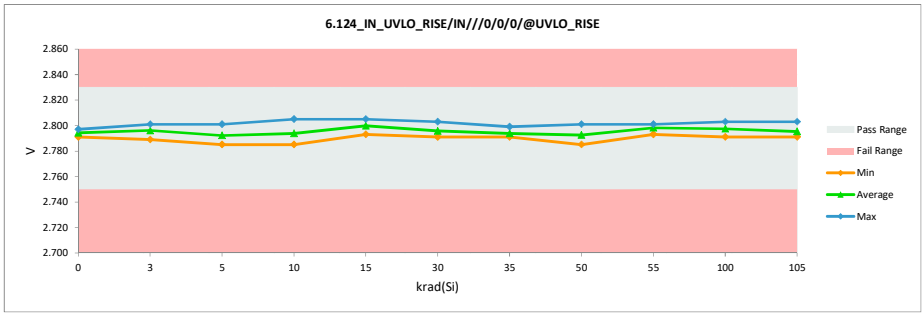
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.124_IN_UVLO_RISE/IN/	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2.84	2.83
Min Limit	2.74	2.75

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.789	2.791	0.002
0	14	2.795	2.797	0.002
0	15	2.793	2.795	0.002
3	20	2.801	2.801	0.000
3	21	2.797	2.797	0.000
3	22	2.797	2.797	0.000
3	23	2.787	2.789	0.002
3	24	2.795	2.797	0.002
5	25	2.801	2.801	0.000
5	26	2.791	2.793	0.002
5	27	2.793	2.793	0.000
5	28	2.793	2.789	-0.004
5	29	2.787	2.785	-0.002
10	30	2.785	2.785	0.000
10	31	2.799	2.805	0.006
10	32	2.789	2.787	-0.002
10	33	2.797	2.799	0.002
10	34	2.793	2.793	0.000
15	35	2.789	2.793	0.004
15	36	2.799	2.803	0.004
15	37	2.793	2.795	0.002
15	38	2.805	2.805	0.000
15	39	2.795	2.803	0.008
30	40	2.799	2.791	-0.008
30	41	2.787	2.803	0.016
30	42	2.797	2.791	-0.006
30	43	2.795	2.795	0.000
30	44	2.799	2.799	0.000
35	45	2.799	2.799	0.000
35	46	2.787	2.791	0.004
35	47	2.791	2.793	0.002
35	48	2.789	2.793	0.004
35	49	2.793	2.793	0.000
50	50	2.791	2.795	0.004
50	51	2.789	2.793	0.004
50	52	2.781	2.785	0.004
50	53	2.781	2.801	0.020
50	54	2.785	2.789	0.004
55	55	2.799	2.797	-0.002
55	56	2.787	2.801	0.014
55	57	2.789	2.801	0.012
55	58	2.787	2.793	0.006
55	59	2.797	2.799	0.002
100	60	2.791	2.803	0.012
100	61	2.793	2.799	0.006
100	62	2.803	2.795	-0.008
100	63	2.789	2.791	0.002
100	64	2.795	2.799	0.004
105	65	2.787	2.799	0.012
105	66	2.785	2.791	0.006
105	67	2.789	2.803	0.014
105	68	2.785	2.791	0.006
105	69	2.789	2.793	0.004
	Max	2.805	2.805	0.020
	Average	2.792	2.795	0.003
	Min	2.781	2.785	-0.008
	Std Dev	0.006	0.005	0.006



	6.124_IN_UVLO_RISE/IN										
Test Site											
Tester											
Test Number											
Max Limit	2.83	V									
Min Limit	2.75	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	2.750	2.750	2.750	2.750	2.750	2.750	2.750	2.750	2.750	2.750	2.750
Min	2.791	2.789	2.785	2.785	2.793	2.791	2.791	2.785	2.793	2.791	2.791
Average	2.794	2.796	2.792	2.794	2.800	2.796	2.794	2.793	2.798	2.797	2.795
Max	2.797	2.801	2.801	2.805	2.805	2.803	2.799	2.801	2.801	2.803	2.803
UL	2.830	2.830	2.830	2.830	2.830	2.830	2.830	2.830	2.830	2.830	2.830

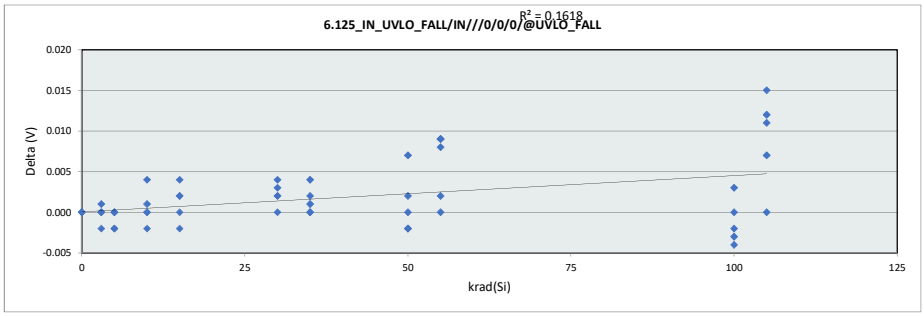


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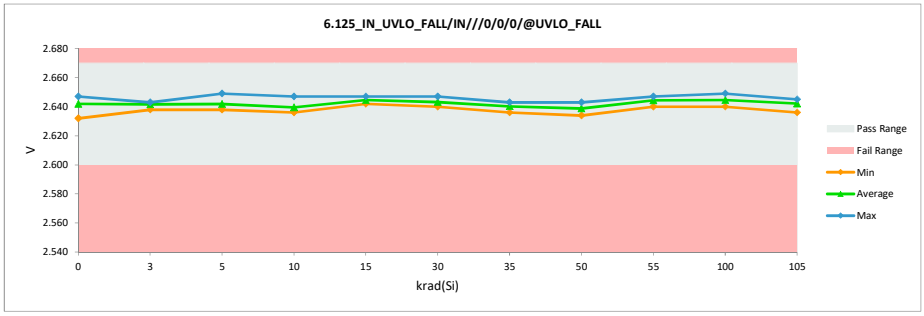
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.125_IN_UVLO_FALL/IN/	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2.68	2.67
Min Limit	2.59	2.6

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.632	2.632	0.000
0	14	2.647	2.647	0.000
0	15	2.647	2.647	0.000
3	20	2.642	2.643	0.001
3	21	2.643	2.643	0.000
3	22	2.642	2.642	0.000
3	23	2.640	2.638	-0.002
3	24	2.642	2.642	0.000
5	25	2.649	2.649	0.000
5	26	2.642	2.640	-0.002
5	27	2.642	2.642	0.000
5	28	2.638	2.638	0.000
5	29	2.642	2.640	-0.002
10	30	2.632	2.636	0.004
10	31	2.647	2.647	0.000
10	32	2.636	2.636	0.000
10	33	2.642	2.643	0.001
10	34	2.638	2.636	-0.002
15	35	2.638	2.642	0.004
15	36	2.642	2.642	0.000
15	37	2.643	2.645	0.002
15	38	2.649	2.647	-0.002
15	39	2.645	2.647	0.002
30	40	2.640	2.640	0.000
30	41	2.643	2.647	0.004
30	42	2.640	2.642	0.002
30	43	2.642	2.645	0.003
30	44	2.640	2.642	0.002
35	45	2.642	2.642	0.000
35	46	2.634	2.636	0.002
35	47	2.638	2.642	0.004
35	48	2.638	2.638	0.000
35	49	2.642	2.643	0.001
50	50	2.645	2.643	-0.002
50	51	2.638	2.636	-0.002
50	52	2.634	2.634	0.000
50	53	2.636	2.643	0.007
50	54	2.636	2.638	0.002
55	55	2.645	2.645	0.000
55	56	2.636	2.645	0.009
55	57	2.636	2.645	0.009
55	58	2.632	2.640	0.008
55	59	2.645	2.647	0.002
100	60	2.640	2.643	0.003
100	61	2.645	2.642	-0.003
100	62	2.653	2.649	-0.004
100	63	2.642	2.640	-0.002
100	64	2.649	2.649	0.000
105	65	2.630	2.642	0.012
105	66	2.636	2.636	0.000
105	67	2.634	2.645	0.011
105	68	2.630	2.645	0.015
105	69	2.636	2.643	0.007
	Max	2.653	2.649	0.015
	Average	2.640	2.642	0.002
	Min	2.630	2.632	-0.004
	Std Dev	0.005	0.004	0.004



	6.125_IN_UVLO_FALL/IN										
Test Site											
Tester											
Test Number											
Max Limit	2.67	V									
Min Limit	2.6	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600
Min	2.632	2.638	2.638	2.636	2.642	2.640	2.636	2.634	2.640	2.640	2.636
Average	2.642	2.642	2.642	2.640	2.645	2.643	2.640	2.639	2.644	2.645	2.642
Max	2.647	2.643	2.649	2.647	2.647	2.647	2.643	2.643	2.647	2.649	2.645
UL	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670

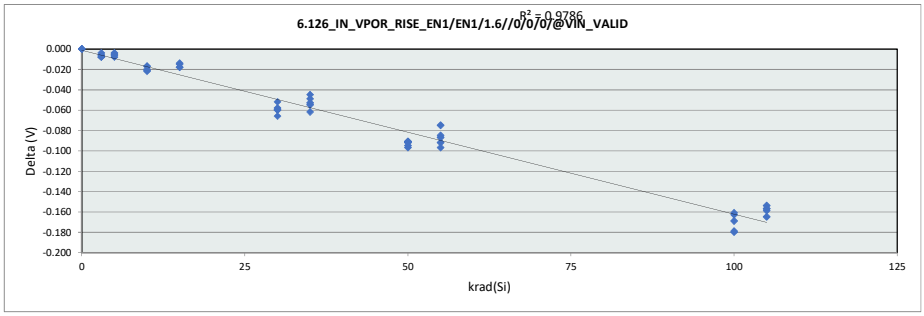


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

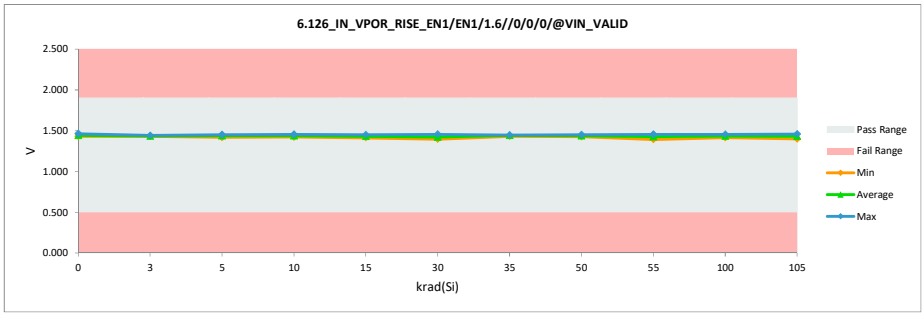
	6.126_IN_VPOR_RISE_EN1	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.461	1.461	0.000
0	14	1.437	1.437	0.000
0	15	1.430	1.430	0.000
3	20	1.437	1.431	-0.006
3	21	1.437	1.433	-0.004
3	22	1.439	1.431	-0.008
3	23	1.449	1.441	-0.008
3	24	1.437	1.431	-0.006
5	25	1.449	1.443	-0.006
5	26	1.457	1.449	-0.008
5	27	1.435	1.430	-0.005
5	28	1.422	1.416	-0.006
5	29	1.449	1.445	-0.004
10	30	1.465	1.445	-0.020
10	31	1.439	1.422	-0.017
10	32	1.455	1.433	-0.022
10	33	1.443	1.426	-0.017
10	34	1.474	1.453	-0.021
15	35	1.466	1.451	-0.015
15	36	1.430	1.412	-0.018
15	37	1.457	1.439	-0.018
15	38	1.430	1.416	-0.014
15	39	1.455	1.437	-0.018
30	40	1.478	1.418	-0.060
30	41	1.476	1.416	-0.060
30	42	1.486	1.428	-0.058
30	43	1.461	1.395	-0.066
30	44	1.507	1.455	-0.052
35	45	1.490	1.441	-0.049
35	46	1.490	1.437	-0.053
35	47	1.492	1.447	-0.045
35	48	1.505	1.443	-0.062
35	49	1.486	1.431	-0.055
50	50	1.540	1.449	-0.091
50	51	1.532	1.437	-0.095
50	52	1.532	1.441	-0.091
50	53	1.521	1.424	-0.097
50	54	1.523	1.431	-0.092
55	55	1.523	1.426	-0.097
55	56	1.478	1.391	-0.087
55	57	1.529	1.437	-0.092
55	58	1.538	1.453	-0.085
55	59	1.503	1.428	-0.075
100	60	1.624	1.445	-0.179
100	61	1.635	1.455	-0.180
100	62	1.589	1.426	-0.163
100	63	1.583	1.414	-0.169
100	64	1.591	1.430	-0.161
105	65	1.556	1.397	-0.159
105	66	1.569	1.412	-0.157
105	67	1.614	1.457	-0.157
105	68	1.595	1.441	-0.154
105	69	1.606	1.441	-0.165
	Max	1.635	1.461	0.000
	Average	1.496	1.433	-0.063
	Min	1.422	1.391	-0.180
	Std Dev	0.059	0.016	0.058



	6.126_IN_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Max Limit	1.9	V
Min Limit	0.5	V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.430	1.431	1.416	1.422	1.412	1.395	1.431	1.424	1.391	1.414	1.397
Average	1.443	1.433	1.437	1.436	1.431	1.422	1.440	1.436	1.427	1.434	1.430
Max	1.461	1.441	1.449	1.453	1.451	1.455	1.447	1.449	1.453	1.455	1.457
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

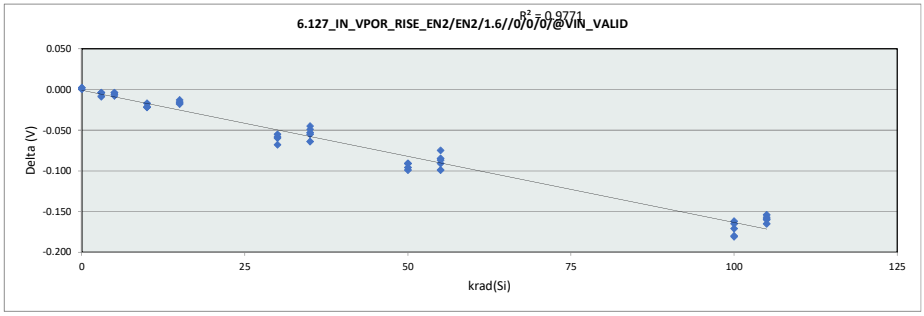


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

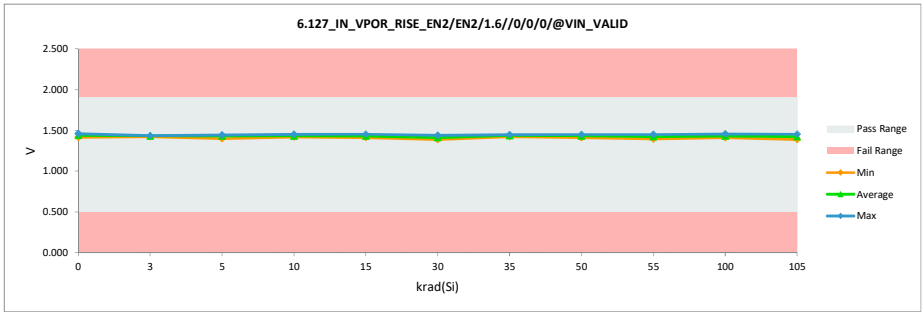
	6.127_IN_VPOR_RISE_EN
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	2
Min Limit	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.457	1.459	0.002
0	14	1.437	1.439	0.002
0	15	1.416	1.416	0.000
3	20	1.439	1.435	-0.004
3	21	1.435	1.431	-0.004
3	22	1.433	1.424	-0.009
3	23	1.443	1.435	-0.008
3	24	1.439	1.435	-0.004
5	25	1.443	1.437	-0.006
5	26	1.451	1.443	-0.008
5	27	1.439	1.435	-0.004
5	28	1.404	1.398	-0.006
5	29	1.445	1.441	-0.004
10	30	1.459	1.437	-0.022
10	31	1.439	1.422	-0.017
10	32	1.457	1.435	-0.022
10	33	1.437	1.420	-0.017
10	34	1.472	1.451	-0.021
15	35	1.466	1.453	-0.013
15	36	1.433	1.416	-0.017
15	37	1.463	1.445	-0.018
15	38	1.428	1.412	-0.016
15	39	1.439	1.424	-0.015
30	40	1.463	1.404	-0.059
30	41	1.470	1.410	-0.060
30	42	1.476	1.418	-0.058
30	43	1.455	1.387	-0.068
30	44	1.494	1.439	-0.055
35	45	1.488	1.439	-0.049
35	46	1.490	1.437	-0.053
35	47	1.492	1.447	-0.045
35	48	1.488	1.424	-0.064
35	49	1.492	1.437	-0.055
50	50	1.540	1.449	-0.091
50	51	1.527	1.431	-0.096
50	52	1.534	1.443	-0.091
50	53	1.509	1.410	-0.099
50	54	1.517	1.426	-0.091
55	55	1.517	1.418	-0.099
55	56	1.480	1.393	-0.087
55	57	1.521	1.430	-0.091
55	58	1.534	1.449	-0.085
55	59	1.499	1.424	-0.075
100	60	1.612	1.431	-0.181
100	61	1.635	1.455	-0.180
100	62	1.593	1.428	-0.165
100	63	1.581	1.410	-0.171
100	64	1.593	1.431	-0.162
105	65	1.546	1.387	-0.159
105	66	1.558	1.398	-0.160
105	67	1.610	1.453	-0.157
105	68	1.589	1.435	-0.154
105	69	1.606	1.441	-0.165
	Max	1.635	1.459	0.002
	Average	1.492	1.429	-0.063
	Min	1.404	1.387	-0.181
	Std Dev	0.059	0.017	0.059



	6.127_IN_VPOR_RISE_E
Test Site	
Tester	
Test Number	
Max Limit	1.9 V
Min Limit	0.5 V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.416	1.424	1.398	1.420	1.412	1.387	1.424	1.410	1.393	1.410	1.387
Average	1.438	1.432	1.431	1.433	1.430	1.412	1.437	1.432	1.423	1.431	1.423
Max	1.459	1.435	1.443	1.451	1.453	1.439	1.447	1.449	1.449	1.455	1.453
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

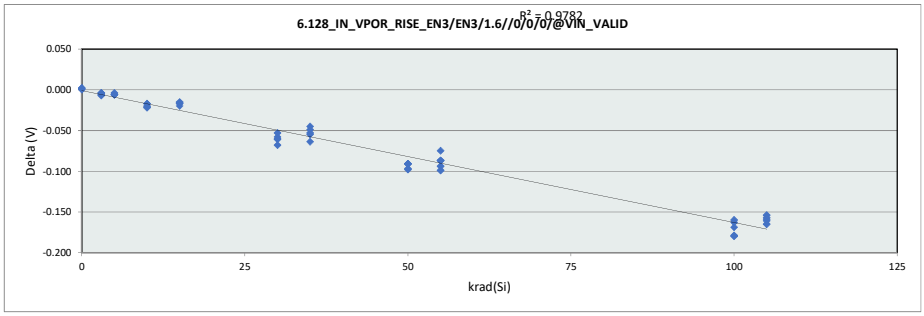


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

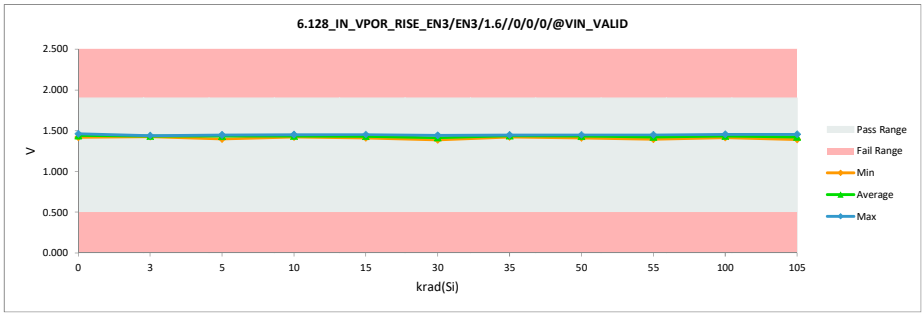
	6.128_IN_VPOR_RISE_EN3	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.459	1.461	0.002
0	14	1.437	1.439	0.002
0	15	1.420	1.420	0.000
3	20	1.439	1.435	-0.004
3	21	1.435	1.431	-0.004
3	22	1.433	1.426	-0.007
3	23	1.445	1.439	-0.006
3	24	1.441	1.435	-0.006
5	25	1.445	1.439	-0.006
5	26	1.451	1.445	-0.006
5	27	1.441	1.437	-0.004
5	28	1.404	1.398	-0.006
5	29	1.449	1.443	-0.006
10	30	1.459	1.439	-0.020
10	31	1.441	1.424	-0.017
10	32	1.457	1.435	-0.022
10	33	1.439	1.422	-0.017
10	34	1.472	1.451	-0.021
15	35	1.468	1.453	-0.015
15	36	1.433	1.416	-0.017
15	37	1.465	1.445	-0.020
15	38	1.428	1.412	-0.016
15	39	1.439	1.422	-0.017
30	40	1.465	1.404	-0.061
30	41	1.472	1.412	-0.060
30	42	1.478	1.420	-0.058
30	43	1.455	1.387	-0.068
30	44	1.494	1.441	-0.053
35	45	1.490	1.441	-0.049
35	46	1.490	1.437	-0.053
35	47	1.492	1.447	-0.045
35	48	1.488	1.424	-0.064
35	49	1.494	1.439	-0.055
50	50	1.540	1.449	-0.091
50	51	1.531	1.433	-0.098
50	52	1.534	1.443	-0.091
50	53	1.507	1.410	-0.097
50	54	1.519	1.428	-0.091
55	55	1.517	1.418	-0.099
55	56	1.482	1.395	-0.087
55	57	1.525	1.431	-0.094
55	58	1.536	1.449	-0.087
55	59	1.499	1.424	-0.075
100	60	1.614	1.435	-0.179
100	61	1.635	1.455	-0.180
100	62	1.591	1.428	-0.163
100	63	1.585	1.416	-0.169
100	64	1.593	1.433	-0.160
105	65	1.550	1.391	-0.159
105	66	1.558	1.397	-0.161
105	67	1.612	1.455	-0.157
105	68	1.587	1.433	-0.154
105	69	1.606	1.441	-0.165
	Max	1.635	1.461	0.002
	Average	1.493	1.430	-0.063
	Min	1.404	1.387	-0.180
	Std Dev	0.059	0.017	0.059



	6.128_IN_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Max Limit	1.9	V
Min Limit	0.5	V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.420	1.426	1.398	1.422	1.412	1.387	1.424	1.410	1.395	1.416	1.391
Average	1.440	1.433	1.432	1.434	1.430	1.413	1.438	1.433	1.423	1.433	1.423
Max	1.461	1.439	1.445	1.451	1.453	1.441	1.447	1.449	1.449	1.455	1.455
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

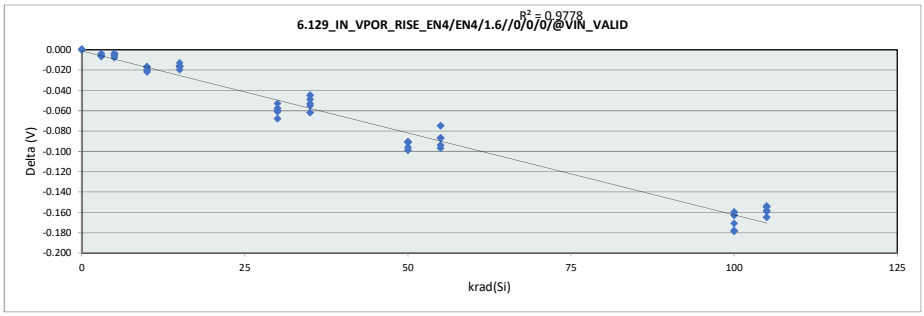


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

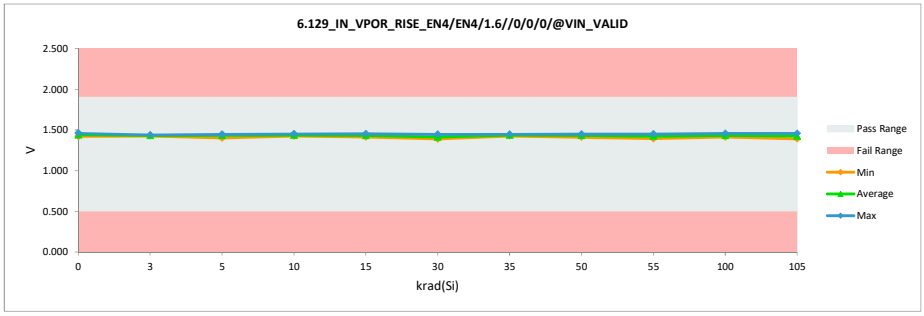
	6.129_IN_VPOR_RISE_EN4	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.459	1.459	0.000
0	14	1.439	1.439	0.000
0	15	1.420	1.420	0.000
3	20	1.441	1.435	-0.006
3	21	1.435	1.431	-0.004
3	22	1.433	1.426	-0.007
3	23	1.445	1.439	-0.006
3	24	1.441	1.435	-0.006
5	25	1.447	1.441	-0.006
5	26	1.453	1.445	-0.008
5	27	1.441	1.437	-0.004
5	28	1.406	1.400	-0.006
5	29	1.449	1.445	-0.004
10	30	1.459	1.439	-0.020
10	31	1.443	1.426	-0.017
10	32	1.457	1.435	-0.022
10	33	1.441	1.424	-0.017
10	34	1.472	1.451	-0.021
15	35	1.466	1.453	-0.013
15	36	1.437	1.420	-0.017
15	37	1.465	1.445	-0.020
15	38	1.428	1.412	-0.016
15	39	1.439	1.422	-0.017
30	40	1.465	1.404	-0.061
30	41	1.472	1.412	-0.060
30	42	1.482	1.424	-0.058
30	43	1.457	1.389	-0.068
30	44	1.498	1.445	-0.053
35	45	1.488	1.439	-0.049
35	46	1.492	1.439	-0.053
35	47	1.492	1.447	-0.045
35	48	1.488	1.426	-0.062
35	49	1.492	1.437	-0.055
50	50	1.540	1.449	-0.091
50	51	1.529	1.433	-0.096
50	52	1.534	1.443	-0.091
50	53	1.509	1.410	-0.099
50	54	1.519	1.428	-0.091
55	55	1.517	1.420	-0.097
55	56	1.480	1.393	-0.087
55	57	1.525	1.431	-0.094
55	58	1.536	1.449	-0.087
55	59	1.499	1.424	-0.075
100	60	1.614	1.435	-0.179
100	61	1.635	1.457	-0.178
100	62	1.591	1.428	-0.163
100	63	1.583	1.412	-0.171
100	64	1.593	1.433	-0.160
105	65	1.550	1.391	-0.159
105	66	1.556	1.397	-0.159
105	67	1.612	1.457	-0.155
105	68	1.587	1.433	-0.154
105	69	1.608	1.443	-0.165
	Max	1.635	1.459	0.000
	Average	1.494	1.430	-0.063
	Min	1.406	1.389	-0.179
	Std Dev	0.059	0.017	0.058



	6.129_IN_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Max Limit	1.9	V
Min Limit	0.5	V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.420	1.426	1.400	1.424	1.412	1.389	1.426	1.410	1.393	1.412	1.391
Average	1.439	1.433	1.434	1.435	1.430	1.415	1.438	1.433	1.423	1.433	1.424
Max	1.459	1.439	1.445	1.451	1.453	1.445	1.447	1.449	1.449	1.457	1.457
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

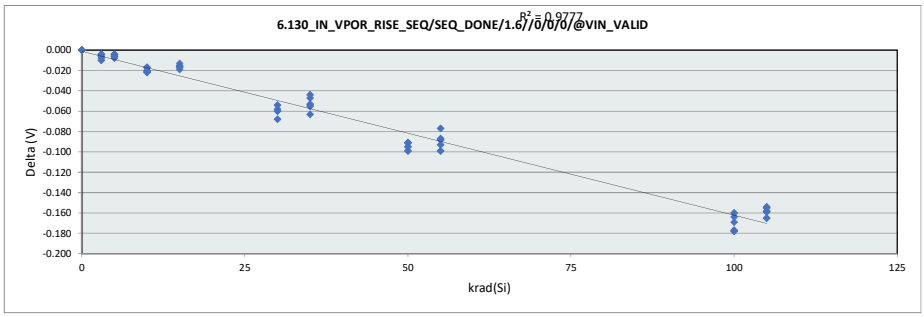


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

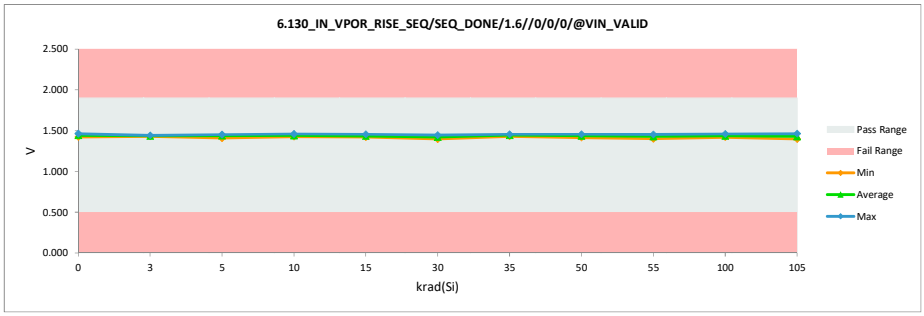
	6.130_IN_VPOR_RISE_SEQ	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.463	1.463	0.000
0	14	1.443	1.443	0.000
0	15	1.422	1.422	0.000
3	20	1.445	1.441	-0.004
3	21	1.439	1.435	-0.004
3	22	1.441	1.431	-0.010
3	23	1.451	1.443	-0.008
3	24	1.445	1.439	-0.006
5	25	1.451	1.445	-0.006
5	26	1.455	1.447	-0.008
5	27	1.455	1.451	-0.004
5	28	1.414	1.408	-0.006
5	29	1.449	1.445	-0.004
10	30	1.463	1.443	-0.020
10	31	1.445	1.428	-0.017
10	32	1.465	1.443	-0.022
10	33	1.447	1.430	-0.017
10	34	1.480	1.459	-0.021
15	35	1.470	1.455	-0.015
15	36	1.437	1.420	-0.017
15	37	1.470	1.451	-0.019
15	38	1.435	1.422	-0.013
15	39	1.447	1.431	-0.016
30	40	1.476	1.416	-0.060
30	41	1.478	1.418	-0.060
30	42	1.488	1.430	-0.058
30	43	1.465	1.397	-0.068
30	44	1.499	1.445	-0.054
35	45	1.496	1.449	-0.047
35	46	1.498	1.445	-0.053
35	47	1.499	1.455	-0.044
35	48	1.494	1.431	-0.063
35	49	1.494	1.439	-0.055
50	50	1.546	1.455	-0.091
50	51	1.534	1.439	-0.095
50	52	1.538	1.447	-0.091
50	53	1.513	1.414	-0.099
50	54	1.519	1.428	-0.091
55	55	1.523	1.424	-0.099
55	56	1.488	1.400	-0.088
55	57	1.532	1.439	-0.093
55	58	1.540	1.453	-0.087
55	59	1.507	1.430	-0.077
100	60	1.620	1.443	-0.177
100	61	1.637	1.459	-0.178
100	62	1.595	1.431	-0.164
100	63	1.587	1.418	-0.169
100	64	1.595	1.435	-0.160
105	65	1.556	1.397	-0.159
105	66	1.560	1.402	-0.158
105	67	1.618	1.463	-0.155
105	68	1.591	1.437	-0.154
105	69	1.612	1.447	-0.165
	Max	1.637	1.463	0.000
	Average	1.499	1.435	-0.063
	Min	1.414	1.397	-0.178
	Std Dev	0.058	0.017	0.058



	6.130_IN_VPOR_RISE_S	
Test Site		
Tester		
Test Number		
Max Limit	1.9	V
Min Limit	0.5	V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.422	1.431	1.408	1.428	1.420	1.397	1.431	1.414	1.400	1.418	1.397
Average	1.443	1.438	1.439	1.441	1.436	1.421	1.444	1.437	1.429	1.437	1.429
Max	1.463	1.443	1.451	1.459	1.455	1.445	1.455	1.455	1.453	1.459	1.463
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

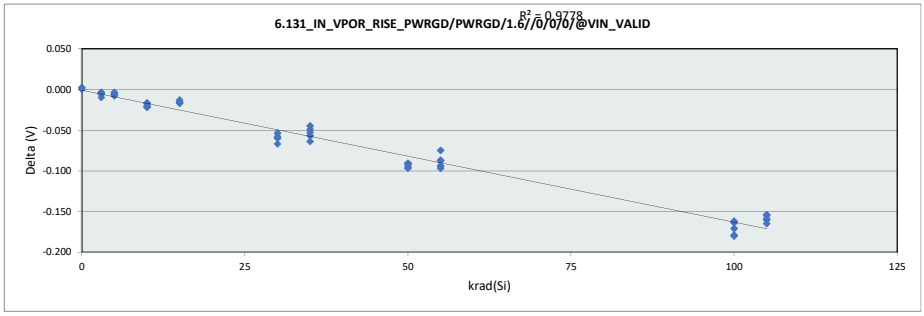


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

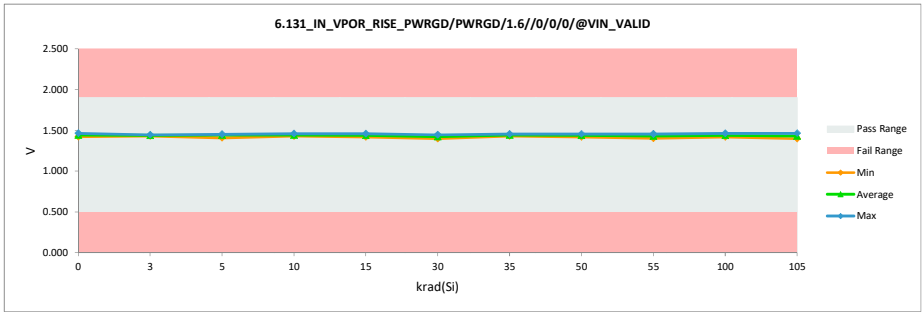
	6.131_IN_VPOR_RISE_PW	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.461	1.463	0.002
0	14	1.445	1.447	0.002
0	15	1.420	1.420	0.000
3	20	1.445	1.441	-0.004
3	21	1.439	1.435	-0.004
3	22	1.441	1.431	-0.010
3	23	1.451	1.445	-0.006
3	24	1.445	1.441	-0.004
5	25	1.451	1.445	-0.006
5	26	1.459	1.451	-0.008
5	27	1.453	1.449	-0.004
5	28	1.414	1.408	-0.006
5	29	1.451	1.447	-0.004
10	30	1.463	1.443	-0.020
10	31	1.447	1.430	-0.017
10	32	1.465	1.443	-0.022
10	33	1.447	1.430	-0.017
10	34	1.480	1.459	-0.021
15	35	1.470	1.457	-0.013
15	36	1.441	1.424	-0.017
15	37	1.468	1.451	-0.017
15	38	1.433	1.418	-0.015
15	39	1.447	1.431	-0.016
30	40	1.472	1.412	-0.060
30	41	1.480	1.420	-0.060
30	42	1.488	1.430	-0.058
30	43	1.465	1.398	-0.067
30	44	1.499	1.445	-0.054
35	45	1.496	1.447	-0.049
35	46	1.498	1.445	-0.053
35	47	1.498	1.453	-0.045
35	48	1.494	1.430	-0.064
35	49	1.496	1.439	-0.057
50	50	1.546	1.455	-0.091
50	51	1.534	1.439	-0.095
50	52	1.538	1.447	-0.091
50	53	1.513	1.416	-0.097
50	54	1.523	1.431	-0.092
55	55	1.521	1.424	-0.097
55	56	1.490	1.402	-0.088
55	57	1.531	1.437	-0.094
55	58	1.540	1.453	-0.087
55	59	1.505	1.430	-0.075
100	60	1.622	1.443	-0.179
100	61	1.641	1.461	-0.180
100	62	1.595	1.431	-0.164
100	63	1.587	1.416	-0.171
100	64	1.597	1.435	-0.162
105	65	1.556	1.397	-0.159
105	66	1.560	1.400	-0.160
105	67	1.618	1.463	-0.155
105	68	1.591	1.437	-0.154
105	69	1.614	1.449	-0.165
	Max	1.641	1.463	0.002
	Average	1.499	1.436	-0.063
	Min	1.414	1.397	-0.180
	Std Dev	0.058	0.017	0.059



	6.131_IN_VPOR_RISE_P	
Test Site		
Tester		
Test Number		
Max Limit	1.9	V
Min Limit	0.5	V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.420	1.431	1.408	1.430	1.418	1.398	1.430	1.416	1.402	1.416	1.397
Average	1.443	1.439	1.440	1.441	1.436	1.421	1.443	1.438	1.429	1.437	1.429
Max	1.463	1.445	1.451	1.459	1.457	1.445	1.453	1.455	1.453	1.461	1.463
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

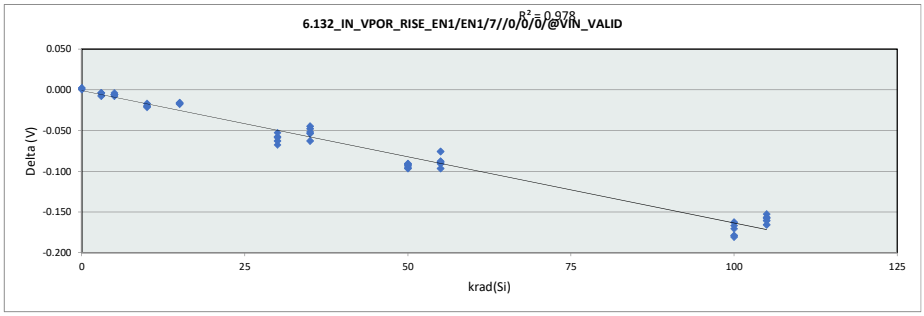


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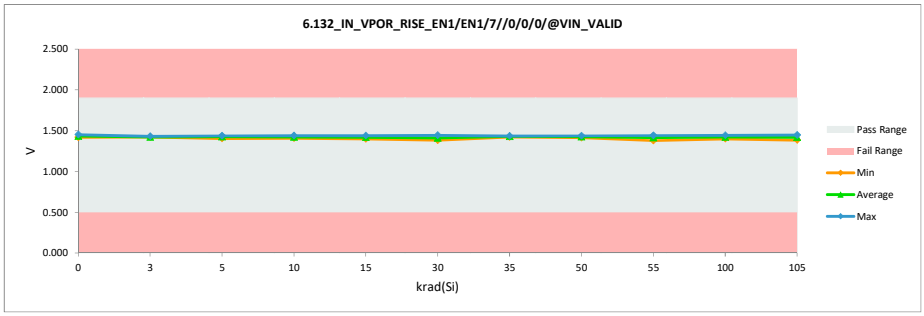
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.132_IN_VPOR_RISE_EN1	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.449	1.451	0.002
0	14	1.424	1.426	0.002
0	15	1.418	1.418	0.000
3	20	1.424	1.420	-0.004
3	21	1.424	1.420	-0.004
3	22	1.428	1.420	-0.008
3	23	1.437	1.430	-0.007
3	24	1.424	1.420	-0.004
5	25	1.437	1.431	-0.006
5	26	1.445	1.437	-0.008
5	27	1.420	1.414	-0.006
5	28	1.410	1.404	-0.006
5	29	1.437	1.433	-0.004
10	30	1.451	1.431	-0.020
10	31	1.428	1.408	-0.020
10	32	1.443	1.422	-0.021
10	33	1.431	1.414	-0.017
10	34	1.461	1.439	-0.022
15	35	1.455	1.439	-0.016
15	36	1.416	1.398	-0.018
15	37	1.443	1.426	-0.017
15	38	1.418	1.402	-0.016
15	39	1.443	1.426	-0.017
30	40	1.465	1.406	-0.059
30	41	1.465	1.402	-0.063
30	42	1.474	1.416	-0.058
30	43	1.449	1.381	-0.068
30	44	1.496	1.443	-0.053
35	45	1.478	1.430	-0.048
35	46	1.478	1.426	-0.052
35	47	1.480	1.435	-0.045
35	48	1.494	1.431	-0.063
35	49	1.474	1.420	-0.054
50	50	1.529	1.437	-0.092
50	51	1.521	1.426	-0.095
50	52	1.521	1.428	-0.093
50	53	1.509	1.412	-0.097
50	54	1.511	1.420	-0.091
55	55	1.511	1.414	-0.097
55	56	1.466	1.377	-0.089
55	57	1.517	1.426	-0.091
55	58	1.529	1.441	-0.088
55	59	1.492	1.416	-0.076
100	60	1.612	1.433	-0.179
100	61	1.624	1.443	-0.181
100	62	1.579	1.412	-0.167
100	63	1.571	1.400	-0.171
100	64	1.579	1.416	-0.163
105	65	1.544	1.383	-0.161
105	66	1.558	1.400	-0.158
105	67	1.602	1.445	-0.157
105	68	1.583	1.430	-0.153
105	69	1.597	1.431	-0.166
	Max	1.624	1.451	0.002
	Average	1.484	1.421	-0.063
	Min	1.410	1.377	-0.181
	Std Dev	0.059	0.016	0.059



	6.132_IN_VPOR_RISE_E										
Test Site											
Tester											
Test Number											
Max Limit	1.9	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.418	1.420	1.404	1.408	1.398	1.381	1.420	1.412	1.377	1.400	1.383
Average	1.432	1.422	1.424	1.423	1.418	1.410	1.428	1.425	1.415	1.421	1.418
Max	1.451	1.430	1.437	1.439	1.439	1.443	1.435	1.437	1.441	1.443	1.445
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

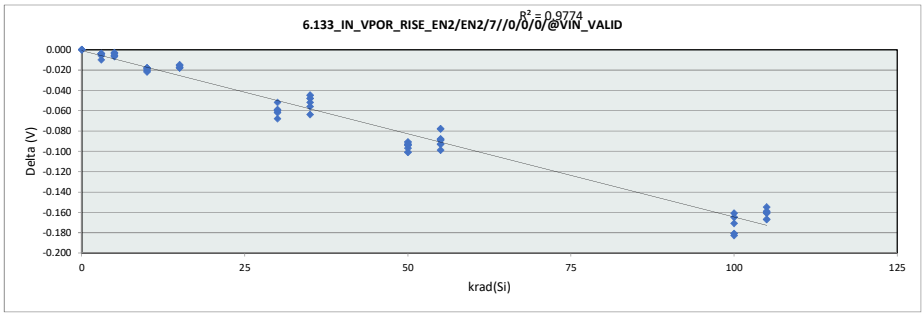


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

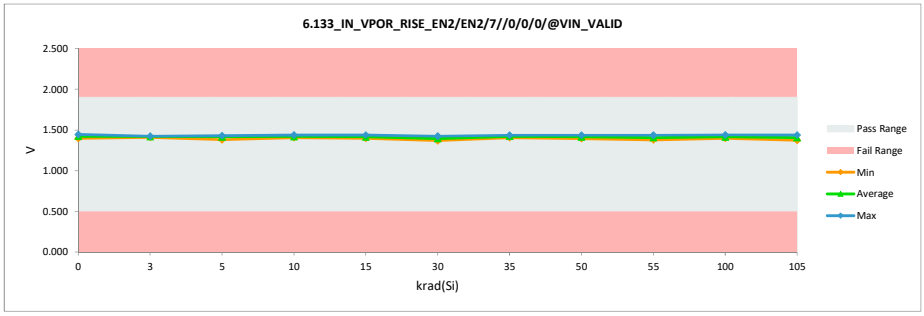
	6.133_IN_VPOR_RISE_EN
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	2
Min Limit	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.445	1.445	0.000
0	14	1.426	1.426	0.000
0	15	1.398	1.398	0.000
3	20	1.428	1.424	-0.004
3	21	1.422	1.418	-0.004
3	22	1.420	1.410	-0.010
3	23	1.430	1.424	-0.006
3	24	1.426	1.422	-0.004
5	25	1.430	1.424	-0.006
5	26	1.437	1.430	-0.007
5	27	1.426	1.422	-0.004
5	28	1.387	1.381	-0.006
5	29	1.431	1.428	-0.003
10	30	1.443	1.424	-0.019
10	31	1.426	1.408	-0.018
10	32	1.443	1.422	-0.021
10	33	1.426	1.408	-0.018
10	34	1.459	1.437	-0.022
15	35	1.455	1.439	-0.016
15	36	1.420	1.402	-0.018
15	37	1.449	1.431	-0.018
15	38	1.412	1.397	-0.015
15	39	1.422	1.404	-0.018
30	40	1.445	1.385	-0.060
30	41	1.455	1.393	-0.062
30	42	1.461	1.402	-0.059
30	43	1.437	1.369	-0.068
30	44	1.476	1.424	-0.052
35	45	1.474	1.426	-0.048
35	46	1.476	1.424	-0.052
35	47	1.480	1.435	-0.045
35	48	1.470	1.406	-0.064
35	49	1.480	1.424	-0.056
50	50	1.529	1.435	-0.094
50	51	1.515	1.418	-0.097
50	52	1.523	1.430	-0.093
50	53	1.494	1.393	-0.101
50	54	1.501	1.410	-0.091
55	55	1.501	1.402	-0.099
55	56	1.468	1.379	-0.089
55	57	1.507	1.414	-0.093
55	58	1.523	1.435	-0.088
55	59	1.488	1.410	-0.078
100	60	1.597	1.416	-0.181
100	61	1.624	1.441	-0.183
100	62	1.581	1.416	-0.165
100	63	1.569	1.398	-0.171
100	64	1.579	1.418	-0.161
105	65	1.532	1.373	-0.159
105	66	1.540	1.379	-0.161
105	67	1.599	1.439	-0.160
105	68	1.575	1.420	-0.155
105	69	1.595	1.428	-0.167
	Max	1.624	1.445	0.000
	Average	1.478	1.414	-0.064
	Min	1.387	1.369	-0.183
	Std Dev	0.060	0.018	0.059



	6.133_IN_VPOR_RISE_E
Test Site	
Tester	
Test Number	
Max Limit	1.9 V
Min Limit	0.5 V

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.398	1.410	1.381	1.408	1.397	1.369	1.406	1.393	1.379	1.398	1.373
Average	1.423	1.420	1.417	1.420	1.415	1.395	1.423	1.417	1.408	1.418	1.408
Max	1.445	1.424	1.430	1.437	1.439	1.424	1.435	1.435	1.435	1.441	1.439
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

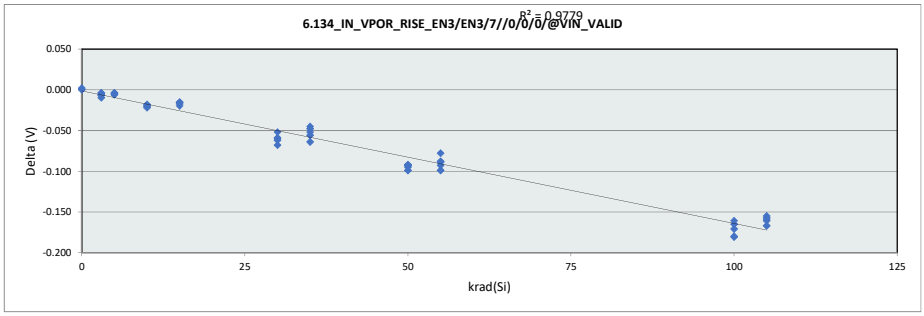


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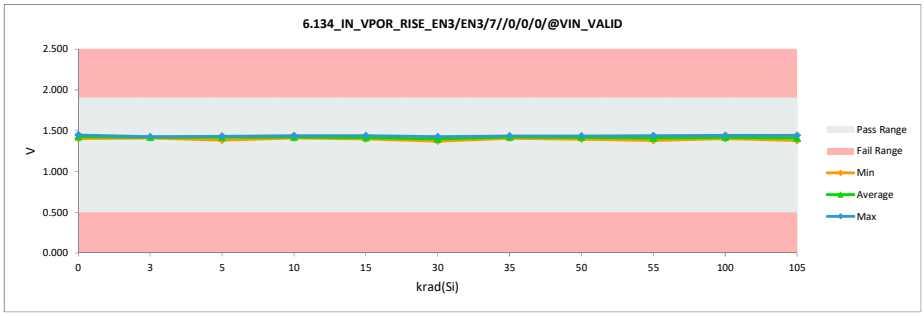
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.134_IN_VPOR_RISE_EN3	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.445	1.447	0.002
0	14	1.426	1.426	0.000
0	15	1.404	1.404	0.000
3	20	1.428	1.422	-0.006
3	21	1.422	1.418	-0.004
3	22	1.422	1.412	-0.010
3	23	1.433	1.426	-0.007
3	24	1.428	1.424	-0.004
5	25	1.431	1.426	-0.005
5	26	1.437	1.431	-0.006
5	27	1.428	1.424	-0.004
5	28	1.387	1.381	-0.006
5	29	1.435	1.431	-0.004
10	30	1.445	1.426	-0.019
10	31	1.430	1.410	-0.020
10	32	1.445	1.424	-0.021
10	33	1.428	1.410	-0.018
10	34	1.459	1.437	-0.022
15	35	1.457	1.441	-0.016
15	36	1.420	1.402	-0.018
15	37	1.451	1.431	-0.020
15	38	1.412	1.397	-0.015
15	39	1.420	1.404	-0.016
30	40	1.447	1.387	-0.060
30	41	1.459	1.397	-0.062
30	42	1.463	1.404	-0.059
30	43	1.439	1.371	-0.068
30	44	1.478	1.426	-0.052
35	45	1.476	1.428	-0.048
35	46	1.476	1.424	-0.052
35	47	1.480	1.435	-0.045
35	48	1.470	1.406	-0.064
35	49	1.482	1.426	-0.056
50	50	1.527	1.435	-0.092
50	51	1.517	1.422	-0.095
50	52	1.523	1.430	-0.093
50	53	1.492	1.393	-0.099
50	54	1.505	1.412	-0.093
55	55	1.501	1.402	-0.099
55	56	1.468	1.379	-0.089
55	57	1.511	1.418	-0.093
55	58	1.525	1.437	-0.088
55	59	1.488	1.410	-0.078
100	60	1.600	1.420	-0.180
100	61	1.624	1.443	-0.181
100	62	1.581	1.416	-0.165
100	63	1.573	1.402	-0.171
100	64	1.581	1.420	-0.161
105	65	1.536	1.377	-0.159
105	66	1.540	1.379	-0.161
105	67	1.600	1.443	-0.157
105	68	1.573	1.418	-0.155
105	69	1.595	1.428	-0.167
	Max	1.624	1.447	0.002
	Average	1.480	1.416	-0.064
	Min	1.387	1.371	-0.181
	Std Dev	0.059	0.018	0.059



	6.134_IN_VPOR_RISE_E										
Test Site											
Tester											
Test Number											
Max Limit	1.9	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.404	1.412	1.381	1.410	1.397	1.371	1.406	1.393	1.379	1.402	1.377
Average	1.426	1.420	1.419	1.421	1.415	1.397	1.424	1.418	1.409	1.420	1.409
Max	1.447	1.426	1.431	1.437	1.441	1.426	1.435	1.435	1.437	1.443	1.443
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

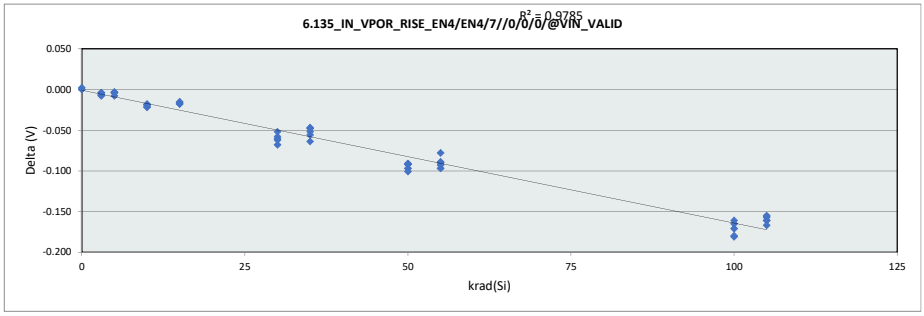


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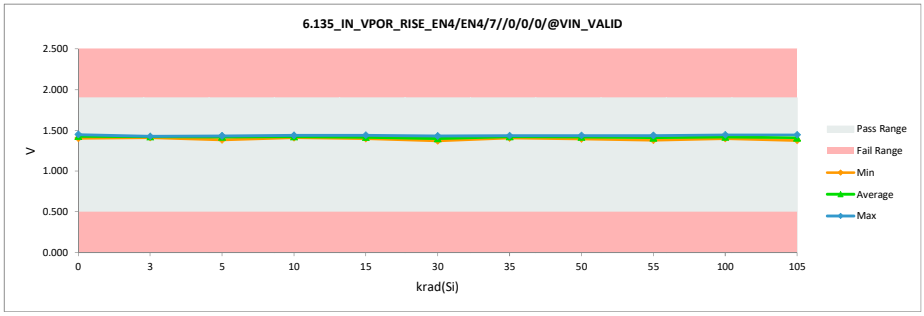
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.135_IN_VPOR_RISE_EN4	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.445	1.447	0.002
0	14	1.426	1.426	0.000
0	15	1.404	1.404	0.000
3	20	1.428	1.424	-0.004
3	21	1.422	1.418	-0.004
3	22	1.420	1.412	-0.008
3	23	1.433	1.426	-0.007
3	24	1.428	1.422	-0.006
5	25	1.431	1.428	-0.003
5	26	1.439	1.431	-0.008
5	27	1.428	1.424	-0.004
5	28	1.387	1.383	-0.004
5	29	1.435	1.431	-0.004
10	30	1.445	1.426	-0.019
10	31	1.431	1.412	-0.019
10	32	1.443	1.422	-0.021
10	33	1.428	1.410	-0.018
10	34	1.459	1.437	-0.022
15	35	1.455	1.439	-0.016
15	36	1.424	1.406	-0.018
15	37	1.449	1.431	-0.018
15	38	1.412	1.397	-0.015
15	39	1.420	1.402	-0.018
30	40	1.445	1.385	-0.060
30	41	1.459	1.397	-0.062
30	42	1.466	1.408	-0.058
30	43	1.441	1.373	-0.068
30	44	1.482	1.430	-0.052
35	45	1.474	1.426	-0.048
35	46	1.478	1.426	-0.052
35	47	1.480	1.433	-0.047
35	48	1.470	1.406	-0.064
35	49	1.480	1.424	-0.056
50	50	1.527	1.435	-0.092
50	51	1.517	1.420	-0.097
50	52	1.523	1.431	-0.092
50	53	1.494	1.393	-0.101
50	54	1.503	1.412	-0.091
55	55	1.501	1.404	-0.097
55	56	1.468	1.379	-0.089
55	57	1.511	1.418	-0.093
55	58	1.525	1.435	-0.090
55	59	1.488	1.410	-0.078
100	60	1.600	1.420	-0.180
100	61	1.624	1.443	-0.181
100	62	1.579	1.414	-0.165
100	63	1.569	1.398	-0.171
100	64	1.581	1.420	-0.161
105	65	1.536	1.375	-0.161
105	66	1.540	1.379	-0.161
105	67	1.600	1.443	-0.157
105	68	1.573	1.418	-0.155
105	69	1.597	1.430	-0.167
	Max	1.624	1.447	0.002
	Average	1.480	1.416	-0.064
	Min	1.387	1.373	-0.181
	Std Dev	0.059	0.018	0.059



	6.135_IN_VPOR_RISE_E										
Test Site											
Tester											
Test Number											
Max Limit	1.9	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.404	1.412	1.383	1.410	1.397	1.373	1.406	1.393	1.379	1.398	1.375
Average	1.426	1.420	1.419	1.421	1.415	1.399	1.423	1.418	1.409	1.419	1.409
Max	1.447	1.426	1.431	1.437	1.439	1.430	1.433	1.435	1.435	1.443	1.443
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

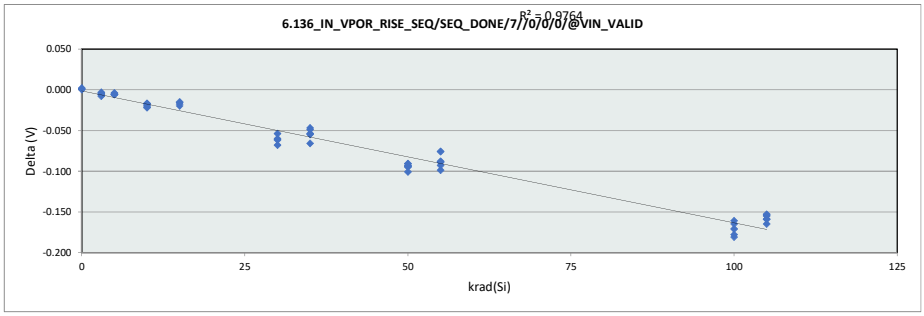


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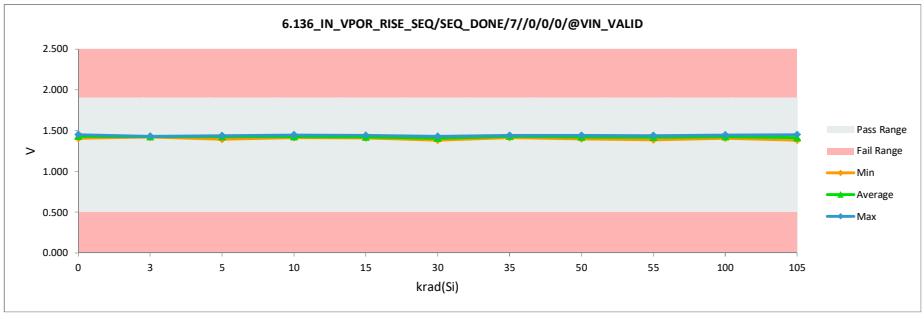
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.136_IN_VPOR_RISE_SEQ	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.449	1.451	0.002
0	14	1.430	1.431	0.001
0	15	1.406	1.406	0.000
3	20	1.433	1.430	-0.003
3	21	1.426	1.422	-0.004
3	22	1.428	1.420	-0.008
3	23	1.437	1.431	-0.006
3	24	1.431	1.426	-0.005
5	25	1.437	1.431	-0.006
5	26	1.441	1.435	-0.006
5	27	1.443	1.437	-0.006
5	28	1.398	1.393	-0.005
5	29	1.435	1.431	-0.004
10	30	1.449	1.430	-0.019
10	31	1.431	1.414	-0.017
10	32	1.453	1.431	-0.022
10	33	1.435	1.418	-0.017
10	34	1.466	1.445	-0.021
15	35	1.459	1.443	-0.016
15	36	1.426	1.408	-0.018
15	37	1.457	1.437	-0.020
15	38	1.424	1.408	-0.016
15	39	1.431	1.416	-0.015
30	40	1.461	1.400	-0.061
30	41	1.466	1.404	-0.062
30	42	1.474	1.414	-0.060
30	43	1.451	1.383	-0.068
30	44	1.484	1.430	-0.054
35	45	1.484	1.435	-0.049
35	46	1.486	1.431	-0.055
35	47	1.488	1.441	-0.047
35	48	1.480	1.414	-0.066
35	49	1.482	1.428	-0.054
50	50	1.532	1.441	-0.091
50	51	1.523	1.428	-0.095
50	52	1.527	1.433	-0.094
50	53	1.499	1.398	-0.101
50	54	1.505	1.412	-0.093
55	55	1.509	1.410	-0.099
55	56	1.476	1.387	-0.089
55	57	1.519	1.426	-0.093
55	58	1.527	1.439	-0.088
55	59	1.494	1.418	-0.076
100	60	1.608	1.430	-0.178
100	61	1.626	1.445	-0.181
100	62	1.585	1.420	-0.165
100	63	1.575	1.404	-0.171
100	64	1.585	1.424	-0.161
105	65	1.542	1.383	-0.159
105	66	1.544	1.385	-0.159
105	67	1.606	1.451	-0.155
105	68	1.577	1.424	-0.153
105	69	1.600	1.435	-0.165
	Max	1.626	1.451	0.002
	Average	1.486	1.422	-0.064
	Min	1.398	1.383	-0.181
	Std Dev	0.059	0.017	0.059



	6.136_IN_VPOR_RISE_S										
Test Site											
Tester											
Test Number											
Max Limit	1.9	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.406	1.420	1.393	1.414	1.408	1.383	1.414	1.398	1.387	1.404	1.383
Average	1.429	1.426	1.425	1.428	1.422	1.406	1.430	1.422	1.416	1.425	1.416
Max	1.451	1.431	1.437	1.445	1.443	1.430	1.441	1.441	1.439	1.445	1.451
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

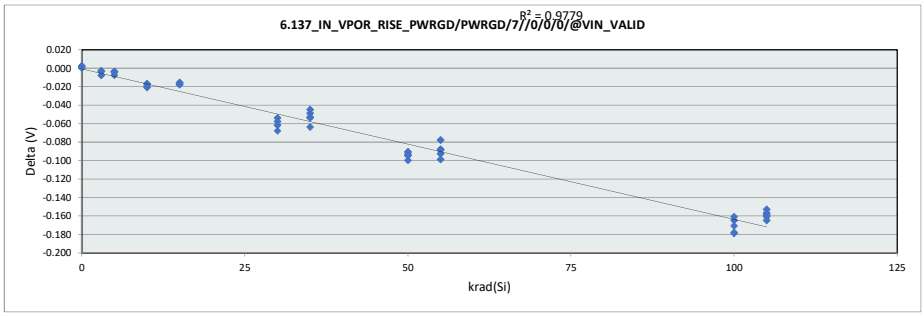


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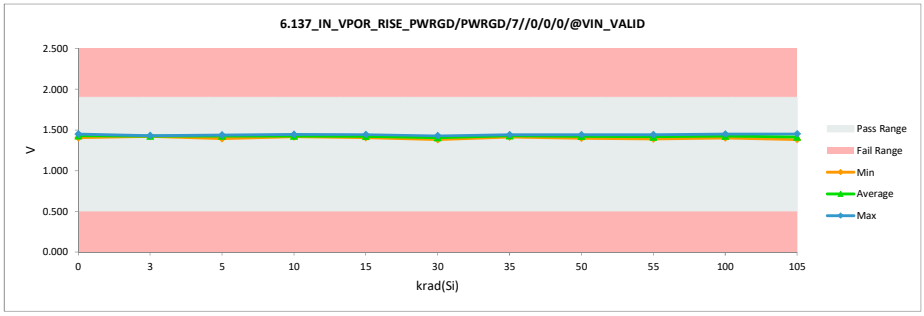
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.137_IN_VPOR_RISE_PW	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	2	1.9
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.447	1.449	0.002
0	14	1.433	1.435	0.002
0	15	1.404	1.404	0.000
3	20	1.433	1.430	-0.003
3	21	1.426	1.422	-0.004
3	22	1.428	1.420	-0.008
3	23	1.439	1.431	-0.008
3	24	1.431	1.428	-0.003
5	25	1.437	1.433	-0.004
5	26	1.445	1.437	-0.008
5	27	1.439	1.435	-0.004
5	28	1.398	1.393	-0.005
5	29	1.437	1.433	-0.004
10	30	1.449	1.430	-0.019
10	31	1.433	1.416	-0.017
10	32	1.451	1.430	-0.021
10	33	1.433	1.416	-0.017
10	34	1.466	1.445	-0.021
15	35	1.459	1.443	-0.016
15	36	1.428	1.410	-0.018
15	37	1.455	1.437	-0.018
15	38	1.420	1.404	-0.016
15	39	1.430	1.414	-0.016
30	40	1.457	1.395	-0.062
30	41	1.468	1.406	-0.062
30	42	1.474	1.416	-0.058
30	43	1.451	1.383	-0.068
30	44	1.482	1.428	-0.054
35	45	1.482	1.433	-0.049
35	46	1.484	1.431	-0.053
35	47	1.486	1.441	-0.045
35	48	1.476	1.412	-0.064
35	49	1.482	1.428	-0.054
50	50	1.532	1.441	-0.091
50	51	1.521	1.426	-0.095
50	52	1.527	1.433	-0.094
50	53	1.498	1.398	-0.100
50	54	1.507	1.416	-0.091
55	55	1.507	1.408	-0.099
55	56	1.478	1.389	-0.089
55	57	1.517	1.424	-0.093
55	58	1.529	1.441	-0.088
55	59	1.494	1.416	-0.078
100	60	1.608	1.430	-0.178
100	61	1.628	1.449	-0.179
100	62	1.585	1.420	-0.165
100	63	1.573	1.402	-0.171
100	64	1.583	1.422	-0.161
105	65	1.542	1.383	-0.159
105	66	1.542	1.381	-0.161
105	67	1.608	1.451	-0.157
105	68	1.577	1.424	-0.153
105	69	1.602	1.437	-0.165
	Max	1.628	1.451	0.002
	Average	1.485	1.422	-0.063
	Min	1.398	1.381	-0.179
	Std Dev	0.059	0.018	0.059



	6.137_IN_VPOR_RISE_P										
Test Site											
Tester											
Test Number											
Max Limit	1.9	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	1.404	1.420	1.393	1.416	1.404	1.383	1.412	1.398	1.389	1.402	1.381
Average	1.429	1.426	1.426	1.427	1.422	1.406	1.429	1.423	1.416	1.425	1.415
Max	1.449	1.431	1.437	1.445	1.443	1.428	1.441	1.441	1.441	1.449	1.451
UL	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900	1.900

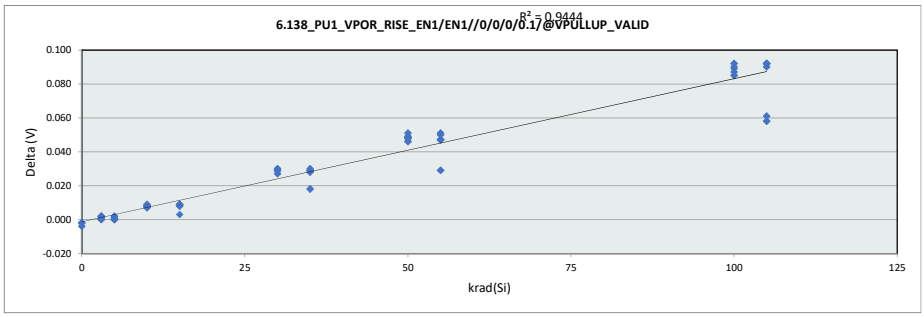


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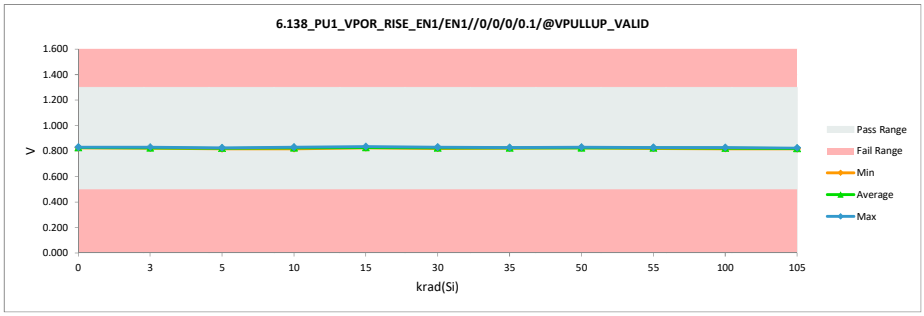
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.138_PU1_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.4	1.3
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.831	0.827	-0.004
0	14	0.827	0.825	-0.002
0	15	0.831	0.829	-0.002
3	20	0.825	0.827	0.002
3	21	0.831	0.831	0.000
3	22	0.820	0.822	0.002
3	23	0.824	0.824	0.000
3	24	0.824	0.825	0.001
5	25	0.820	0.820	0.000
5	26	0.816	0.816	0.000
5	27	0.824	0.824	0.000
5	28	0.824	0.825	0.001
5	29	0.820	0.822	0.002
10	30	0.818	0.827	0.009
10	31	0.814	0.822	0.008
10	32	0.810	0.818	0.008
10	33	0.822	0.829	0.007
10	34	0.822	0.829	0.007
15	35	0.818	0.827	0.009
15	36	0.822	0.825	0.003
15	37	0.820	0.829	0.009
15	38	0.816	0.824	0.008
15	39	0.827	0.835	0.008
30	40	0.798	0.827	0.029
30	41	0.792	0.822	0.030
30	42	0.791	0.820	0.029
30	43	0.792	0.822	0.030
30	44	0.802	0.829	0.027
35	45	0.792	0.822	0.030
35	46	0.804	0.822	0.018
35	47	0.794	0.822	0.028
35	48	0.798	0.827	0.029
35	49	0.798	0.827	0.029
50	50	0.775	0.824	0.049
50	51	0.773	0.824	0.051
50	52	0.779	0.827	0.048
50	53	0.777	0.825	0.048
50	54	0.783	0.829	0.046
55	55	0.773	0.824	0.051
55	56	0.798	0.827	0.029
55	57	0.773	0.820	0.047
55	58	0.775	0.825	0.050
55	59	0.777	0.824	0.047
100	60	0.728	0.818	0.090
100	61	0.726	0.818	0.092
100	62	0.740	0.825	0.085
100	63	0.738	0.825	0.087
100	64	0.738	0.827	0.089
105	65	0.730	0.822	0.092
105	66	0.734	0.824	0.090
105	67	0.759	0.820	0.061
105	68	0.758	0.816	0.058
105	69	0.728	0.820	0.092
	Max	0.831	0.835	0.092
	Average	0.793	0.824	0.031
	Min	0.726	0.816	-0.004
	Std Dev	0.032	0.004	0.031



	6.138_PU1_VPOR_RISE										
Test Site											
Tester											
Test Number											
Max Limit	1.3	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.825	0.822	0.816	0.818	0.824	0.820	0.822	0.824	0.820	0.818	0.816
Average	0.827	0.826	0.821	0.825	0.828	0.824	0.824	0.826	0.824	0.823	0.820
Max	0.829	0.831	0.825	0.829	0.835	0.829	0.827	0.829	0.827	0.827	0.824
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300

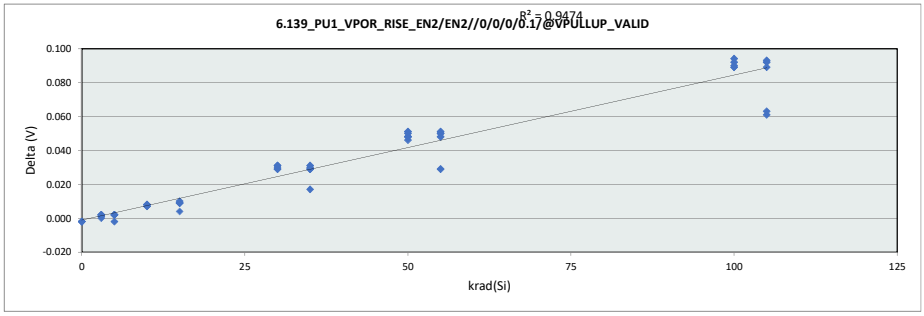


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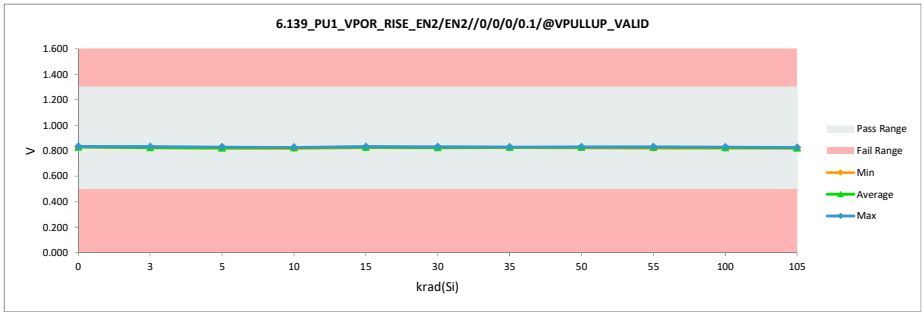
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.139_PU1_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.4	1.3
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.835	0.833	-0.002
0	14	0.831	0.829	-0.002
0	15	0.831	0.829	-0.002
3	20	0.825	0.825	0.000
3	21	0.831	0.833	0.002
3	22	0.820	0.822	0.002
3	23	0.822	0.824	0.002
3	24	0.824	0.825	0.001
5	25	0.820	0.822	0.002
5	26	0.818	0.820	0.002
5	27	0.831	0.829	-0.002
5	28	0.822	0.824	0.002
5	29	0.818	0.820	0.002
10	30	0.818	0.825	0.007
10	31	0.816	0.824	0.008
10	32	0.810	0.818	0.008
10	33	0.818	0.825	0.007
10	34	0.820	0.827	0.007
15	35	0.816	0.825	0.009
15	36	0.825	0.829	0.004
15	37	0.822	0.831	0.009
15	38	0.814	0.824	0.010
15	39	0.824	0.833	0.009
30	40	0.794	0.825	0.031
30	41	0.796	0.825	0.029
30	42	0.791	0.822	0.031
30	43	0.794	0.824	0.030
30	44	0.802	0.831	0.029
35	45	0.794	0.824	0.030
35	46	0.812	0.829	0.017
35	47	0.796	0.825	0.029
35	48	0.800	0.829	0.029
35	49	0.798	0.829	0.031
50	50	0.777	0.825	0.048
50	51	0.771	0.822	0.051
50	52	0.777	0.825	0.048
50	53	0.777	0.827	0.050
50	54	0.785	0.831	0.046
55	55	0.781	0.831	0.050
55	56	0.800	0.829	0.029
55	57	0.769	0.820	0.051
55	58	0.777	0.827	0.050
55	59	0.781	0.829	0.048
100	60	0.728	0.820	0.092
100	61	0.730	0.824	0.094
100	62	0.738	0.827	0.089
100	63	0.732	0.822	0.090
100	64	0.740	0.829	0.089
105	65	0.732	0.824	0.092
105	66	0.736	0.825	0.089
105	67	0.759	0.822	0.063
105	68	0.759	0.820	0.061
105	69	0.732	0.825	0.093
	Max	0.835	0.833	0.094
	Average	0.794	0.826	0.032
	Min	0.728	0.818	-0.002
	Std Dev	0.032	0.004	0.031



	6.139_PU1_VPOR_RISE										
Test Site											
Tester											
Test Number											
Max Limit	1.3	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.829	0.822	0.820	0.818	0.824	0.822	0.824	0.822	0.820	0.820	0.820
Average	0.830	0.826	0.823	0.824	0.828	0.825	0.827	0.826	0.827	0.824	0.823
Max	0.833	0.833	0.829	0.827	0.833	0.831	0.829	0.831	0.831	0.829	0.825
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300

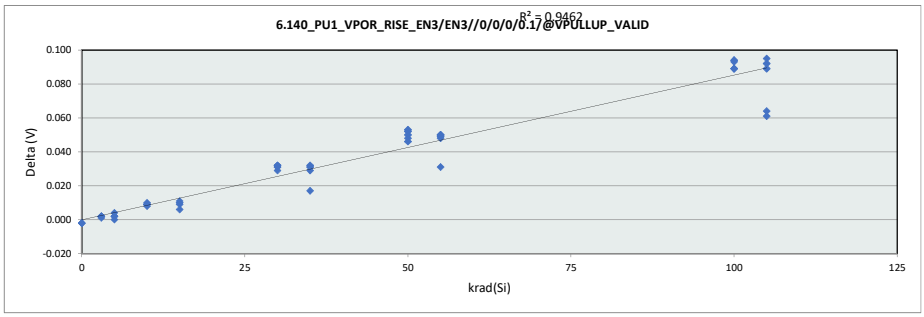


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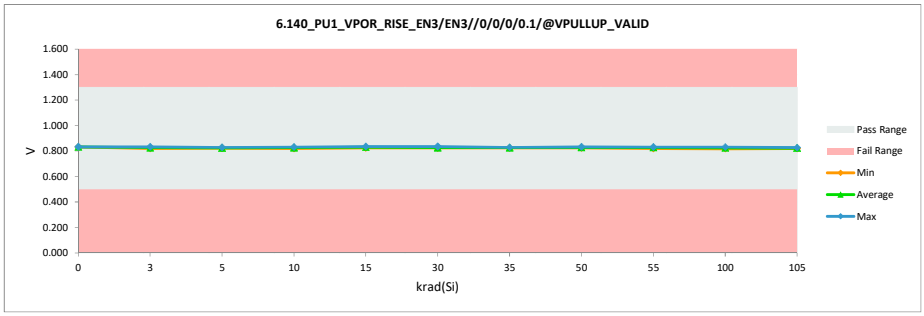
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.140_PU1_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.4	1.3
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.835	0.833	-0.002
0	14	0.835	0.833	-0.002
0	15	0.833	0.831	-0.002
3	20	0.824	0.825	0.001
3	21	0.831	0.833	0.002
3	22	0.818	0.820	0.002
3	23	0.822	0.824	0.002
3	24	0.825	0.827	0.002
5	25	0.820	0.822	0.002
5	26	0.820	0.822	0.002
5	27	0.829	0.829	0.000
5	28	0.820	0.824	0.004
5	29	0.822	0.824	0.002
10	30	0.818	0.827	0.009
10	31	0.816	0.824	0.008
10	32	0.810	0.820	0.010
10	33	0.818	0.827	0.009
10	34	0.822	0.831	0.009
15	35	0.820	0.831	0.011
15	36	0.825	0.831	0.006
15	37	0.822	0.831	0.009
15	38	0.814	0.824	0.010
15	39	0.825	0.835	0.010
30	40	0.796	0.827	0.031
30	41	0.792	0.824	0.032
30	42	0.792	0.824	0.032
30	43	0.796	0.825	0.029
30	44	0.804	0.835	0.031
35	45	0.792	0.824	0.032
35	46	0.812	0.829	0.017
35	47	0.796	0.825	0.029
35	48	0.798	0.829	0.031
35	49	0.796	0.827	0.031
50	50	0.777	0.827	0.050
50	51	0.771	0.824	0.053
50	52	0.777	0.825	0.048
50	53	0.777	0.829	0.052
50	54	0.787	0.833	0.046
55	55	0.781	0.831	0.050
55	56	0.800	0.831	0.031
55	57	0.771	0.820	0.049
55	58	0.777	0.827	0.050
55	59	0.781	0.829	0.048
100	60	0.724	0.818	0.094
100	61	0.734	0.827	0.093
100	62	0.738	0.827	0.089
100	63	0.730	0.824	0.094
100	64	0.742	0.831	0.089
105	65	0.732	0.824	0.092
105	66	0.738	0.827	0.089
105	67	0.756	0.820	0.064
105	68	0.759	0.820	0.061
105	69	0.730	0.825	0.095
	Max	0.835	0.835	0.095
	Average	0.794	0.827	0.033
	Min	0.724	0.818	-0.002
	Std Dev	0.033	0.004	0.031



	6.140_PU1_VPOR_RISE										
Test Site											
Tester											
Test Number											
Max Limit	1.3	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.831	0.820	0.822	0.820	0.824	0.824	0.824	0.824	0.820	0.818	0.820
Average	0.832	0.826	0.824	0.826	0.830	0.827	0.827	0.828	0.828	0.825	0.823
Max	0.833	0.833	0.829	0.831	0.835	0.835	0.829	0.833	0.831	0.831	0.827
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300

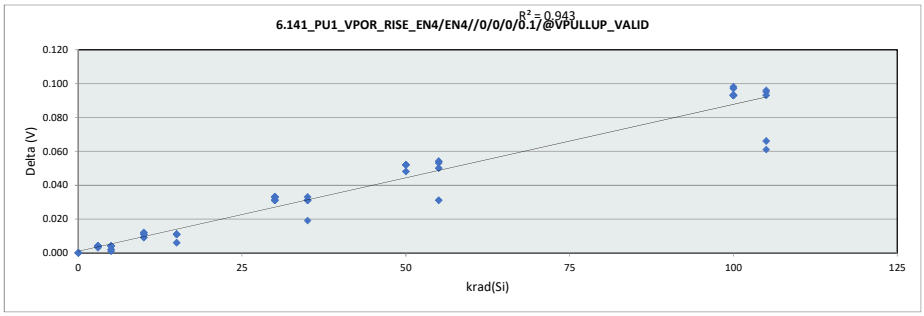


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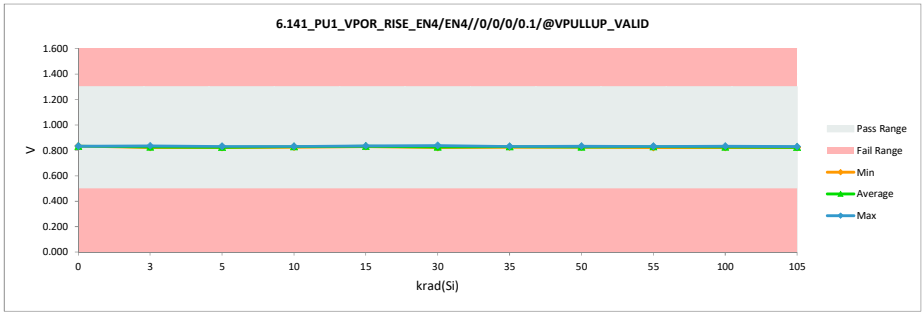
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.141_PU1_VPOR_RISE_E	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.4	1.3
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.833	0.833	0.000
0	14	0.833	0.833	0.000
0	15	0.833	0.833	0.000
3	20	0.824	0.827	0.003
3	21	0.831	0.835	0.004
3	22	0.818	0.822	0.004
3	23	0.820	0.824	0.004
3	24	0.825	0.829	0.004
5	25	0.818	0.822	0.004
5	26	0.818	0.822	0.004
5	27	0.829	0.831	0.002
5	28	0.820	0.824	0.004
5	29	0.824	0.825	0.001
10	30	0.818	0.829	0.011
10	31	0.816	0.825	0.009
10	32	0.812	0.824	0.012
10	33	0.822	0.831	0.009
10	34	0.820	0.831	0.011
15	35	0.818	0.829	0.011
15	36	0.827	0.833	0.006
15	37	0.824	0.835	0.011
15	38	0.818	0.829	0.011
15	39	0.824	0.835	0.011
30	40	0.798	0.831	0.033
30	41	0.791	0.824	0.033
30	42	0.791	0.822	0.031
30	43	0.792	0.825	0.033
30	44	0.806	0.837	0.031
35	45	0.796	0.829	0.033
35	46	0.806	0.825	0.019
35	47	0.798	0.829	0.031
35	48	0.798	0.829	0.031
35	49	0.800	0.831	0.031
50	50	0.775	0.827	0.052
50	51	0.773	0.825	0.052
50	52	0.777	0.829	0.052
50	53	0.773	0.825	0.052
50	54	0.785	0.833	0.048
55	55	0.775	0.829	0.054
55	56	0.800	0.831	0.031
55	57	0.769	0.822	0.053
55	58	0.777	0.831	0.054
55	59	0.779	0.829	0.050
100	60	0.724	0.822	0.098
100	61	0.728	0.825	0.097
100	62	0.736	0.829	0.093
100	63	0.734	0.827	0.093
100	64	0.740	0.833	0.093
105	65	0.730	0.825	0.095
105	66	0.736	0.829	0.093
105	67	0.758	0.824	0.066
105	68	0.761	0.822	0.061
105	69	0.728	0.824	0.096
	Max	0.833	0.837	0.098
	Average	0.794	0.828	0.034
	Min	0.724	0.822	0.000
	Std Dev	0.033	0.004	0.032



	6.141_PU1_VPOR_RISE										
Test Site											
Tester											
Test Number											
Max Limit	1.3	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.833	0.822	0.822	0.824	0.829	0.822	0.825	0.825	0.822	0.822	0.822
Average	0.833	0.827	0.825	0.828	0.832	0.828	0.829	0.828	0.828	0.827	0.825
Max	0.833	0.835	0.831	0.831	0.835	0.837	0.831	0.833	0.831	0.833	0.829
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300

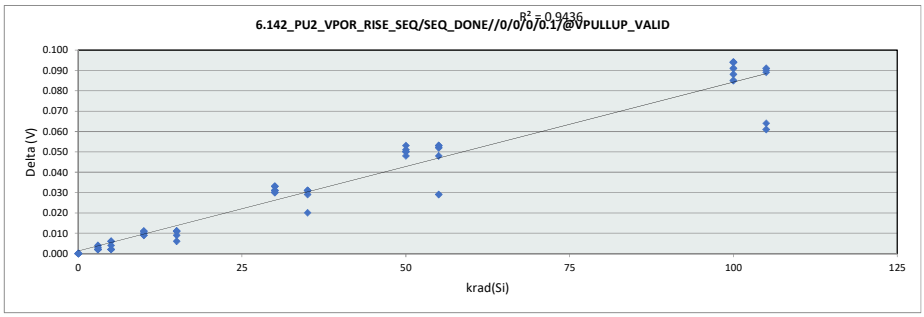


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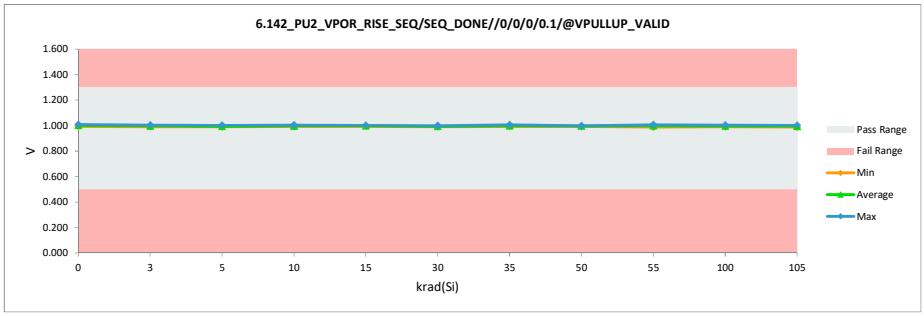
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.142_PU2_VPOR_RISE_S	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.4	1.3
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.008	1.008	0.000
0	14	1.000	1.000	0.000
0	15	0.994	0.994	0.000
3	20	0.996	1.000	0.004
3	21	1.002	1.004	0.002
3	22	0.993	0.996	0.003
3	23	0.994	0.996	0.002
3	24	0.989	0.991	0.002
5	25	0.991	0.993	0.002
5	26	0.989	0.993	0.004
5	27	1.000	1.002	0.002
5	28	0.983	0.989	0.006
5	29	0.985	0.991	0.006
10	30	0.985	0.994	0.009
10	31	0.983	0.994	0.011
10	32	0.983	0.993	0.010
10	33	0.993	1.004	0.011
10	34	0.991	1.000	0.009
15	35	0.985	0.996	0.011
15	36	0.994	1.000	0.006
15	37	0.991	1.002	0.011
15	38	0.983	0.994	0.011
15	39	0.989	0.998	0.009
30	40	0.965	0.998	0.033
30	41	0.960	0.991	0.031
30	42	0.958	0.991	0.033
30	43	0.961	0.991	0.030
30	44	0.967	0.998	0.031
35	45	0.967	0.998	0.031
35	46	0.973	0.993	0.020
35	47	0.977	1.006	0.029
35	48	0.963	0.994	0.031
35	49	0.967	0.998	0.031
50	50	0.942	0.993	0.051
50	51	0.944	0.994	0.050
50	52	0.948	0.998	0.050
50	53	0.940	0.993	0.053
50	54	0.950	0.998	0.048
55	55	0.938	0.991	0.053
55	56	0.975	1.004	0.029
55	57	0.934	0.987	0.053
55	58	0.950	1.002	0.052
55	59	0.958	1.006	0.048
100	60	0.895	0.989	0.094
100	61	0.899	0.993	0.094
100	62	0.905	0.993	0.088
100	63	0.907	0.998	0.091
100	64	0.919	1.004	0.085
105	65	0.905	0.994	0.089
105	66	0.899	0.989	0.090
105	67	0.938	1.002	0.064
105	68	0.926	0.987	0.061
105	69	0.909	1.000	0.091
	Max	1.008	1.008	0.094
	Average	0.963	0.996	0.033
	Min	0.895	0.987	0.000
	Std Dev	0.032	0.005	0.031



	6.142_PU2_VPOR_RISE										
Test Site											
Tester											
Test Number											
Max Limit	1.3	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.994	0.991	0.989	0.993	0.994	0.991	0.993	0.993	0.987	0.989	0.987
Average	1.001	0.997	0.994	0.997	0.998	0.994	0.998	0.995	0.998	0.995	0.994
Max	1.008	1.004	1.002	1.004	1.002	0.998	1.006	0.998	1.006	1.004	1.002
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300

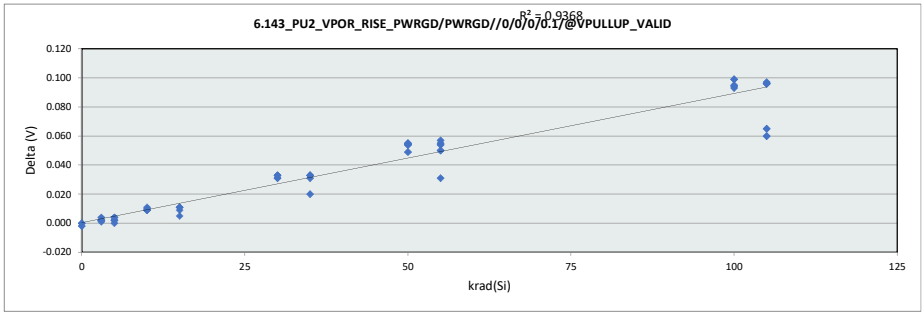


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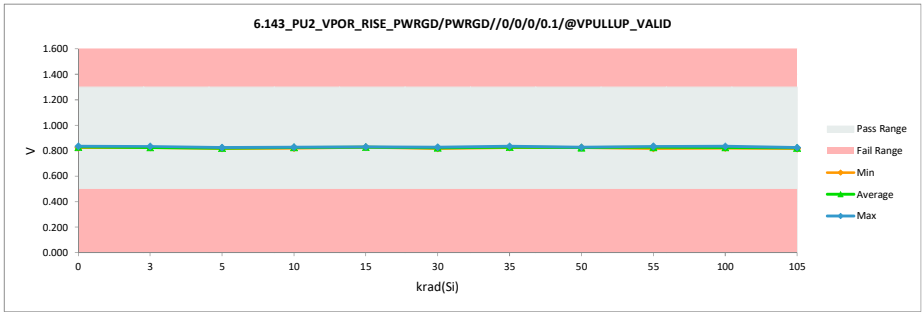
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.143_PU2_VPOR_RISE_P	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.4	1.3
Min Limit	0	0.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.835	0.835	0.000
0	14	0.827	0.827	0.000
0	15	0.827	0.825	-0.002
3	20	0.824	0.825	0.001
3	21	0.831	0.833	0.002
3	22	0.822	0.824	0.002
3	23	0.822	0.824	0.002
3	24	0.820	0.824	0.004
5	25	0.816	0.820	0.004
5	26	0.818	0.820	0.002
5	27	0.825	0.825	0.000
5	28	0.816	0.820	0.004
5	29	0.816	0.818	0.002
10	30	0.816	0.825	0.009
10	31	0.810	0.820	0.010
10	32	0.816	0.825	0.009
10	33	0.818	0.829	0.011
10	34	0.820	0.829	0.009
15	35	0.816	0.827	0.011
15	36	0.822	0.827	0.005
15	37	0.820	0.831	0.011
15	38	0.816	0.827	0.011
15	39	0.818	0.827	0.009
30	40	0.791	0.824	0.033
30	41	0.791	0.822	0.031
30	42	0.785	0.818	0.033
30	43	0.789	0.822	0.033
30	44	0.796	0.827	0.031
35	45	0.796	0.829	0.033
35	46	0.804	0.824	0.020
35	47	0.804	0.835	0.031
35	48	0.791	0.824	0.033
35	49	0.794	0.827	0.033
50	50	0.769	0.824	0.055
50	51	0.771	0.825	0.054
50	52	0.773	0.827	0.054
50	53	0.769	0.824	0.055
50	54	0.775	0.824	0.049
55	55	0.767	0.824	0.057
55	56	0.802	0.833	0.031
55	57	0.763	0.818	0.055
55	58	0.777	0.831	0.054
55	59	0.781	0.831	0.050
100	60	0.721	0.820	0.099
100	61	0.723	0.822	0.099
100	62	0.728	0.822	0.094
100	63	0.734	0.829	0.095
100	64	0.742	0.835	0.093
105	65	0.728	0.824	0.096
105	66	0.724	0.820	0.096
105	67	0.759	0.824	0.065
105	68	0.756	0.816	0.060
105	69	0.728	0.825	0.097
	Max	0.835	0.835	0.099
	Average	0.791	0.825	0.035
	Min	0.721	0.816	-0.002
	Std Dev	0.034	0.005	0.033



	6.143_PU2_VPOR_RISE										
Test Site											
Tester											
Test Number											
Max Limit	1.3	V									
Min Limit	0.5	V									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.825	0.824	0.818	0.820	0.827	0.818	0.824	0.824	0.818	0.820	0.816
Average	0.829	0.826	0.821	0.826	0.828	0.823	0.828	0.825	0.827	0.826	0.822
Max	0.835	0.833	0.825	0.829	0.831	0.827	0.835	0.827	0.833	0.835	0.825
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300

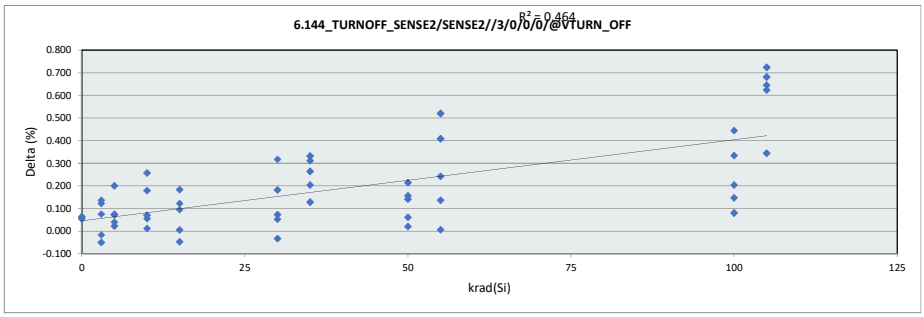


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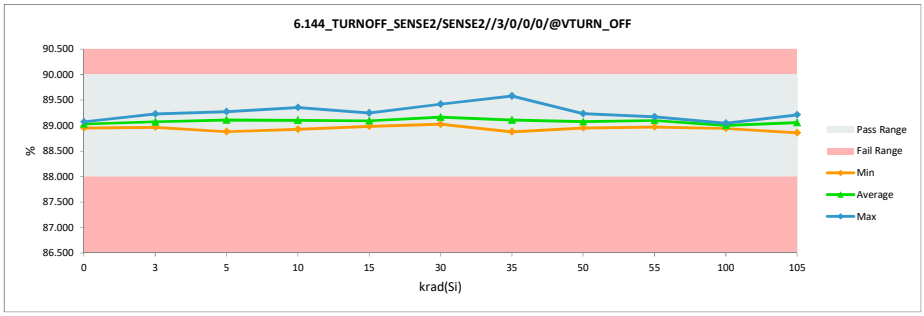
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.144_TURNOFF_SENSE2/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	91	90
Min Limit	87	88

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	89.021	89.074	0.053
0	14	89.007	89.067	0.060
0	15	88.889	88.952	0.063
3	20	88.967	89.102	0.135
3	21	89.039	89.021	-0.018
3	22	89.153	89.227	0.074
3	23	88.932	89.053	0.121
3	24	89.017	88.966	-0.051
5	25	88.842	88.881	0.039
5	26	88.972	89.046	0.074
5	27	89.154	89.175	0.021
5	28	89.202	89.272	0.070
5	29	88.970	89.169	0.199
10	30	88.977	89.233	0.256
10	31	89.176	89.354	0.178
10	32	88.927	88.996	0.069
10	33	88.955	89.009	0.054
10	34	88.917	88.928	0.011
15	35	89.109	89.061	-0.048
15	36	88.955	89.049	0.094
15	37	89.003	89.124	0.121
15	38	88.980	88.984	0.004
15	39	89.066	89.248	0.182
30	40	89.054	89.105	0.051
30	41	89.037	89.109	0.072
30	42	89.104	89.420	0.316
30	43	88.987	89.168	0.181
30	44	89.060	89.026	-0.034
35	45	88.618	88.949	0.331
35	46	89.378	89.581	0.203
35	47	88.751	88.878	0.127
35	48	88.850	89.113	0.263
35	49	88.723	89.033	0.310
50	50	88.974	89.187	0.213
50	51	88.935	88.995	0.060
50	52	88.856	89.011	0.155
50	53	88.811	88.951	0.140
50	54	89.216	89.235	0.019
55	55	89.036	89.171	0.135
55	56	88.966	88.971	0.005
55	57	88.893	89.134	0.241
55	58	88.698	89.105	0.407
55	59	88.602	89.121	0.519
100	60	88.603	89.046	0.443
100	61	88.840	89.043	0.203
100	62	88.796	88.942	0.146
100	63	88.619	88.952	0.333
100	64	88.940	89.019	0.079
105	65	88.178	88.858	0.680
105	66	88.568	89.212	0.644
105	67	88.578	88.921	0.343
105	68	88.468	89.191	0.723
105	69	88.477	89.100	0.623
	Max	89.378	89.581	0.723
	Average	88.903	89.086	0.183
	Min	88.178	88.858	-0.051
	Std Dev	0.220	0.139	0.189



	6.144_TURNOFF_SENSE2										
Test Site											
Tester											
Test Number											
Max Limit	90	%									
Min Limit	88	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000
Min	88.952	88.966	88.881	88.928	88.984	89.026	88.878	88.951	88.971	88.942	88.858
Average	89.031	89.074	89.109	89.104	89.093	89.166	89.111	89.076	89.100	89.000	89.056
Max	89.074	89.227	89.272	89.354	89.248	89.420	89.581	89.235	89.171	89.046	89.212
UL	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000

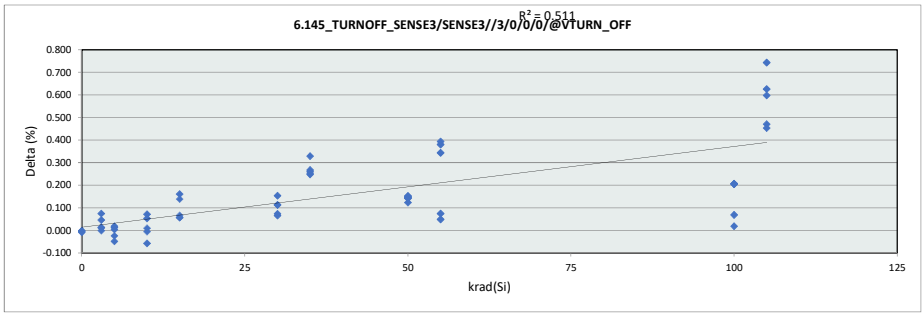


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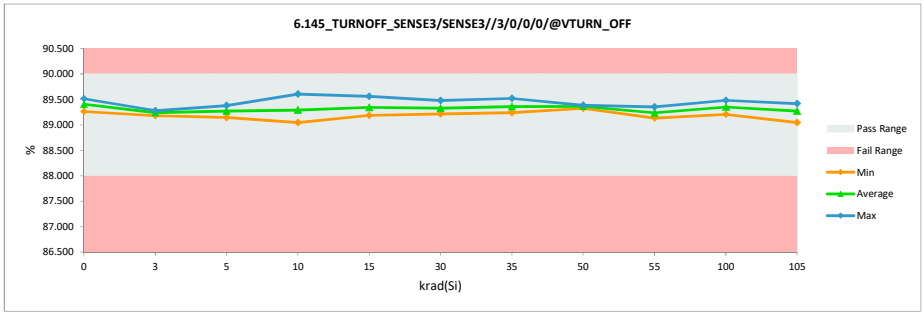
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.145_TURNOFF_SENSE3/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	91	90
Min Limit	87	88

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	89.272	89.263	-0.009
0	14	89.445	89.441	-0.004
0	15	89.516	89.514	-0.002
3	20	89.218	89.229	0.011
3	21	89.228	89.273	0.045
3	22	89.154	89.228	0.074
3	23	89.182	89.180	-0.002
3	24	89.267	89.280	0.013
5	25	89.406	89.381	-0.025
5	26	89.347	89.298	-0.049
5	27	89.281	89.299	0.018
5	28	89.143	89.146	0.003
5	29	89.220	89.233	0.013
10	30	89.103	89.045	-0.058
10	31	89.553	89.606	0.053
10	32	89.302	89.373	0.071
10	33	89.329	89.323	-0.006
10	34	89.105	89.114	0.009
15	35	89.422	89.560	0.138
15	36	89.204	89.364	0.160
15	37	89.316	89.373	0.057
15	38	89.168	89.234	0.066
15	39	89.130	89.186	0.056
30	40	89.366	89.479	0.113
30	41	89.162	89.235	0.073
30	42	89.356	89.421	0.065
30	43	89.180	89.292	0.112
30	44	89.062	89.215	0.153
35	45	89.057	89.324	0.267
35	46	89.192	89.520	0.328
35	47	89.128	89.381	0.253
35	48	88.977	89.238	0.261
35	49	89.099	89.346	0.247
50	50	89.225	89.374	0.149
50	51	89.249	89.372	0.123
50	52	89.235	89.387	0.152
50	53	89.184	89.326	0.142
50	54	89.217	89.362	0.145
55	55	89.223	89.297	0.074
55	56	88.779	89.159	0.380
55	57	89.086	89.134	0.048
55	58	89.011	89.354	0.343
55	59	88.852	89.245	0.393
100	60	89.355	89.423	0.068
100	61	89.278	89.483	0.205
100	62	89.052	89.256	0.204
100	63	89.182	89.389	0.207
100	64	89.190	89.208	0.018
105	65	88.618	89.360	0.742
105	66	88.949	89.402	0.453
105	67	88.577	89.047	0.470
105	68	88.533	89.130	0.597
105	69	88.790	89.415	0.625
	Max	89.553	89.606	0.742
	Average	89.160	89.312	0.152
	Min	88.533	89.045	-0.058
	Std Dev	0.213	0.124	0.179



	6.145_TURNOFF_SENSE3										
Test Site											
Tester											
Test Number											
Max Limit	90	%									
Min Limit	88	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000
Min	89.263	89.180	89.146	89.045	89.186	89.215	89.238	89.326	89.134	89.208	89.047
Average	89.406	89.238	89.271	89.292	89.343	89.328	89.362	89.364	89.238	89.352	89.271
Max	89.514	89.280	89.381	89.606	89.560	89.479	89.520	89.387	89.354	89.483	89.415
UL	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000

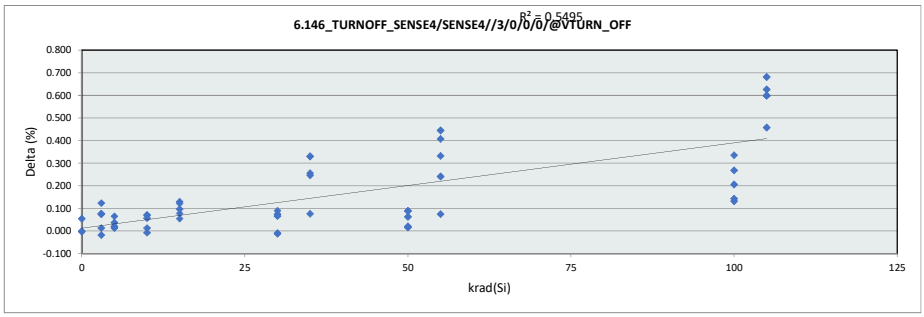


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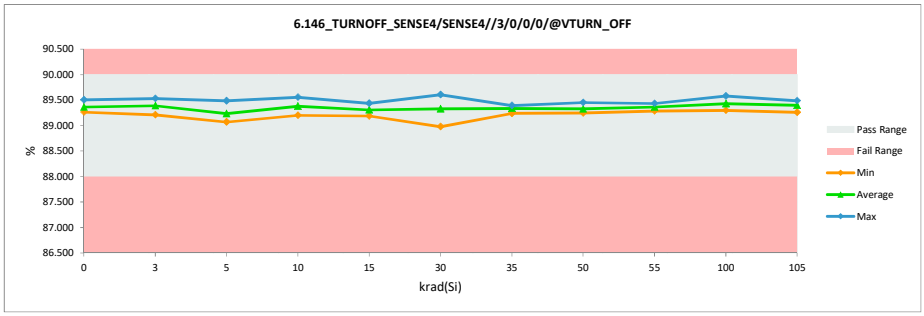
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.146_TURNOFF_SENSE4/	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	91	90
Min Limit	87	88

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	89.271	89.324	0.053
0	14	89.509	89.505	-0.004
0	15	89.265	89.263	-0.002
3	20	89.343	89.416	0.073
3	21	89.229	89.210	-0.019
3	22	89.341	89.353	0.012
3	23	89.307	89.429	0.122
3	24	89.455	89.531	0.076
5	25	89.033	89.069	0.036
5	26	89.097	89.110	0.013
5	27	89.218	89.237	0.019
5	28	89.205	89.269	0.064
5	29	89.470	89.483	0.013
10	30	89.353	89.421	0.068
10	31	89.490	89.481	-0.009
10	32	89.177	89.248	0.071
10	33	89.143	89.199	0.056
10	34	89.544	89.556	0.012
15	35	89.358	89.435	0.077
15	36	89.142	89.238	0.096
15	37	89.066	89.187	0.121
15	38	89.106	89.234	0.128
15	39	89.382	89.436	0.054
30	40	88.991	88.977	-0.014
30	41	89.225	89.298	0.073
30	42	89.418	89.483	0.065
30	43	89.616	89.606	-0.010
30	44	89.188	89.277	0.089
35	45	88.996	89.326	0.330
35	46	89.064	89.392	0.328
35	47	89.126	89.381	0.255
35	48	89.163	89.238	0.075
35	49	89.100	89.345	0.245
50	50	89.224	89.312	0.088
50	51	89.184	89.246	0.062
50	52	89.236	89.324	0.088
50	53	89.437	89.452	0.015
50	54	89.279	89.299	0.020
55	55	89.348	89.422	0.074
55	56	88.841	89.285	0.444
55	57	89.146	89.386	0.240
55	58	88.885	89.291	0.406
55	59	89.102	89.433	0.331
100	60	89.166	89.297	0.131
100	61	89.278	89.420	0.142
100	62	89.177	89.382	0.205
100	63	89.244	89.578	0.334
100	64	89.192	89.459	0.267
105	65	88.680	89.360	0.680
105	66	89.008	89.464	0.456
105	67	88.890	89.487	0.597
105	68	88.660	89.258	0.598
105	69	88.790	89.415	0.625
	Max	89.616	89.606	0.680
	Average	89.192	89.350	0.158
	Min	88.660	88.977	-0.019
	Std Dev	0.205	0.127	0.183



	6.146_TURNOFF_SENSE4										
Test Site											
Tester											
Test Number											
Max Limit	90	%									
Min Limit	88	%									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000	88.000
Min	89.263	89.210	89.069	89.199	89.187	88.977	89.238	89.246	89.285	89.297	89.258
Average	89.364	89.388	89.234	89.381	89.306	89.328	89.336	89.327	89.363	89.427	89.397
Max	89.505	89.531	89.483	89.556	89.436	89.606	89.392	89.452	89.433	89.578	89.487
UL	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000

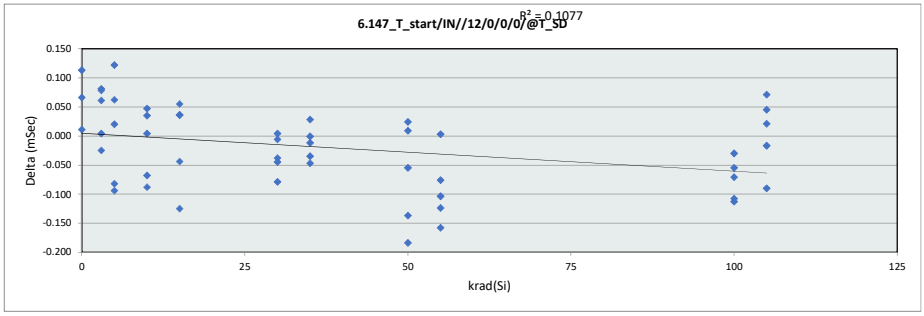


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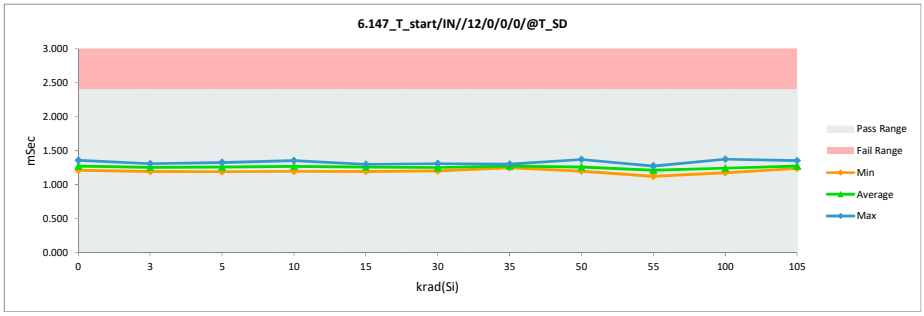
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.147_T_start/IN//12/0/	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	2.8	2.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	1.292	1.358	0.066
0	14	1.241	1.252	0.011
0	15	1.100	1.213	0.113
3	20	1.229	1.307	0.078
3	21	1.228	1.309	0.081
3	22	1.221	1.196	-0.025
3	23	1.211	1.272	0.061
3	24	1.189	1.193	0.004
5	25	1.201	1.323	0.122
5	26	1.354	1.272	-0.082
5	27	1.285	1.191	-0.094
5	28	1.173	1.193	0.020
5	29	1.264	1.326	0.062
10	30	1.307	1.354	0.047
10	31	1.348	1.280	-0.068
10	32	1.285	1.197	-0.088
10	33	1.190	1.225	0.035
10	34	1.294	1.298	0.004
15	35	1.319	1.194	-0.125
15	36	1.264	1.300	0.036
15	37	1.215	1.270	0.055
15	38	1.236	1.272	0.036
15	39	1.307	1.263	-0.044
30	40	1.282	1.203	-0.079
30	41	1.304	1.266	-0.038
30	42	1.252	1.256	0.004
30	43	1.281	1.236	-0.045
30	44	1.315	1.309	-0.006
35	45	1.315	1.268	-0.047
35	46	1.220	1.248	0.028
35	47	1.303	1.302	-0.001
35	48	1.300	1.288	-0.012
35	49	1.301	1.266	-0.035
50	50	1.322	1.267	-0.055
50	51	1.390	1.206	-0.184
50	52	1.362	1.371	0.009
50	53	1.237	1.261	0.024
50	54	1.335	1.198	-0.137
55	55	1.351	1.275	-0.076
55	56	1.247	1.123	-0.124
55	57	1.372	1.214	-0.158
55	58	1.323	1.219	-0.104
55	59	1.237	1.240	0.003
100	60	1.288	1.175	-0.113
100	61	1.405	1.375	-0.030
100	62	1.236	1.181	-0.055
100	63	1.364	1.256	-0.108
100	64	1.305	1.234	-0.071
105	65	1.208	1.253	0.045
105	66	1.258	1.279	0.021
105	67	1.263	1.246	-0.017
105	68	1.282	1.353	0.071
105	69	1.328	1.238	-0.090
	Max	1.405	1.375	0.122
	Average	1.278	1.258	-0.020
	Min	1.100	1.123	-0.184
	Std Dev	0.060	0.054	0.071



	6.147_T_start/IN//12/0										
Test Site											
Tester											
Test Number											
Max Limit	2.4	mSec									
Min Limit	0	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.213	1.193	1.191	1.197	1.194	1.203	1.248	1.198	1.123	1.175	1.238
Average	1.274	1.255	1.261	1.271	1.260	1.254	1.274	1.261	1.214	1.244	1.274
Max	1.358	1.309	1.326	1.354	1.300	1.309	1.302	1.371	1.275	1.375	1.353
UL	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400

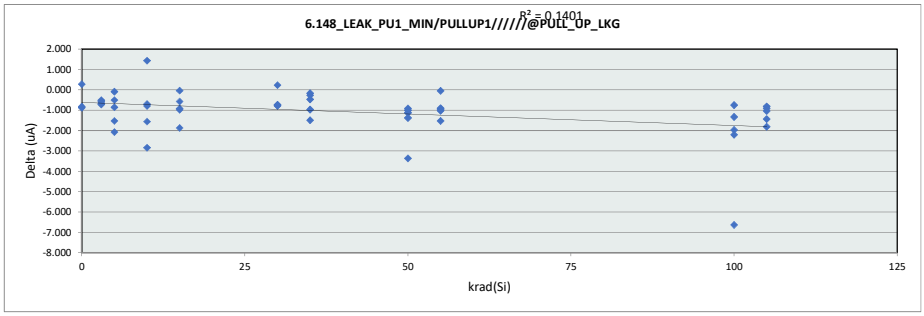


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

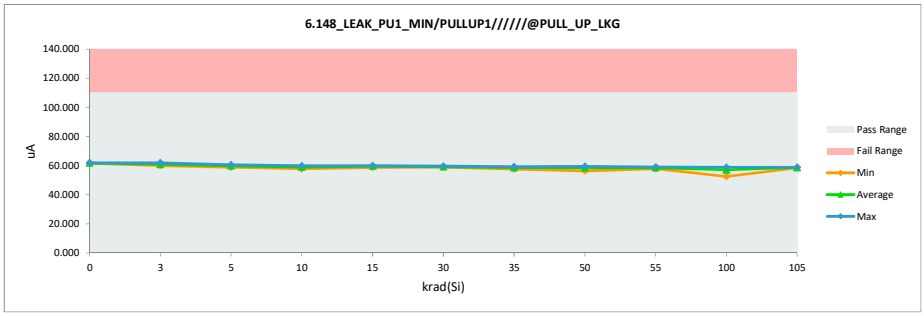
	6.148_LEAK_PU1_MIN/PU	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	121	110
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	62.564	61.731	-0.833
0	14	62.727	61.848	-0.879
0	15	61.399	61.670	0.271
3	20	62.394	61.879	-0.515
3	21	61.051	60.459	-0.592
3	22	61.666	61.118	-0.548
3	23	61.167	60.499	-0.668
3	24	60.818	60.093	-0.725
5	25	61.377	60.514	-0.863
5	26	60.404	60.311	-0.093
5	27	60.584	59.048	-1.536
5	28	60.793	60.279	-0.514
5	29	61.321	59.239	-2.082
10	30	60.641	57.794	-2.847
10	31	60.511	58.942	-1.569
10	32	60.372	59.572	-0.800
10	33	60.502	59.796	-0.706
10	34	57.471	58.892	1.421
15	35	60.916	59.984	-0.932
15	36	60.611	58.732	-1.879
15	37	59.942	59.895	-0.047
15	38	60.099	59.524	-0.575
15	39	60.615	59.626	-0.989
30	40	59.653	58.909	-0.744
30	41	60.319	59.568	-0.751
30	42	60.067	59.268	-0.799
30	43	59.970	59.206	-0.764
30	44	59.211	59.433	0.222
35	45	59.677	59.208	-0.469
35	46	59.970	58.987	-0.983
35	47	58.532	58.256	-0.276
35	48	59.021	57.522	-1.499
35	49	59.430	59.252	-0.178
50	50	59.826	58.689	-1.137
50	51	60.830	59.440	-1.390
50	52	59.887	58.877	-1.010
50	53	60.104	59.183	-0.921
50	54	59.764	56.391	-3.373
55	55	59.956	58.965	-0.991
55	56	58.291	58.233	-0.058
55	57	59.494	58.461	-1.033
55	58	59.995	59.084	-0.911
55	59	59.456	57.921	-1.535
100	60	60.284	58.943	-1.341
100	61	59.863	57.646	-2.217
100	62	59.909	57.931	-1.978
100	63	59.178	52.534	-6.644
100	64	59.336	58.579	-0.757
105	65	59.342	58.418	-0.924
105	66	59.558	58.510	-1.048
105	67	60.637	58.812	-1.825
105	68	59.952	58.504	-1.448
105	69	59.680	58.855	-0.825
	Max	62.727	61.879	1.421
	Average	60.210	59.152	-1.059
	Min	57.471	52.534	-6.644
	Std Dev	0.982	1.448	1.094



	6.148_LEAK_PU1_MIN/P	
Test Site		
Tester		
Test Number		
Max Limit	110	uA
Min Limit	0	uA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	61.670	60.093	59.048	57.794	58.732	58.909	57.522	56.391	57.921	52.534	58.418
Average	61.750	60.810	59.878	58.999	59.552	59.277	58.645	58.516	58.533	57.127	58.620
Max	61.848	61.879	60.514	59.796	59.984	59.568	59.252	59.440	59.084	58.943	58.855
UL	110.000	110.000	110.000	110.000	####	110.000	####	####	110.000	####	110.000

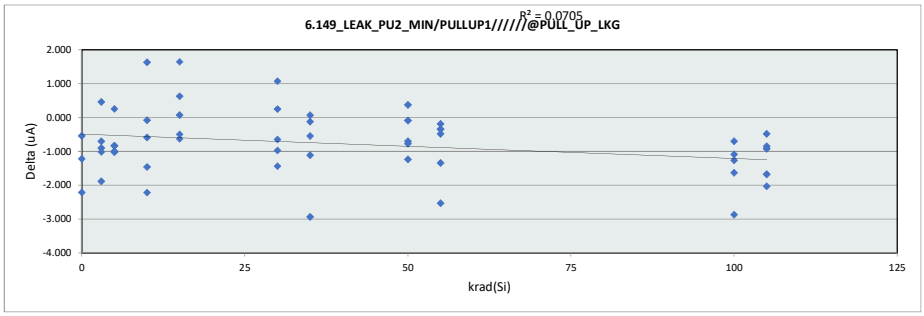


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

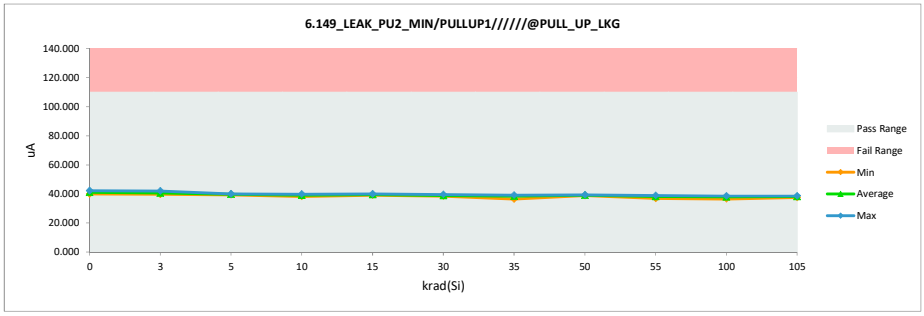
	6.149_LEAK_PU2_MIN/PU	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	121	110
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	43.390	42.163	-1.227
0	14	41.576	41.027	-0.549
0	15	42.116	39.897	-2.219
3	20	41.526	41.978	0.452
3	21	41.670	39.779	-1.891
3	22	41.340	40.628	-0.712
3	23	41.081	40.056	-1.025
3	24	41.056	40.148	-0.908
5	25	40.937	39.935	-1.002
5	26	40.758	39.913	-0.845
5	27	39.585	39.834	0.249
5	28	40.185	39.340	-0.845
5	29	40.610	39.582	-1.028
10	30	40.467	38.245	-2.222
10	31	39.878	39.792	-0.086
10	32	39.790	38.323	-1.467
10	33	40.197	39.601	-0.596
10	34	38.233	39.853	1.620
15	35	38.714	39.332	0.618
15	36	38.052	39.689	1.637
15	37	40.494	39.988	-0.506
15	38	39.126	39.191	0.065
15	39	40.208	39.569	-0.639
30	40	39.942	38.500	-1.442
30	41	38.507	39.571	1.064
30	42	39.788	38.805	-0.983
30	43	39.528	38.870	-0.658
30	44	38.887	39.129	0.242
35	45	39.611	38.493	-1.118
35	46	38.929	38.800	-0.129
35	47	39.107	39.168	0.061
35	48	39.396	36.456	-2.940
35	49	39.427	38.873	-0.554
50	50	39.316	39.219	-0.097
50	51	39.595	38.813	-0.782
50	52	38.600	38.965	0.365
50	53	40.217	38.976	-1.241
50	54	39.724	39.016	-0.708
55	55	39.311	38.960	-0.351
55	56	39.197	37.848	-1.349
55	57	38.757	38.561	-0.196
55	58	39.256	38.766	-0.490
55	59	39.434	36.894	-2.540
100	60	39.679	38.585	-1.094
100	61	39.621	38.348	-1.273
100	62	39.336	38.631	-0.705
100	63	39.416	36.540	-2.876
100	64	39.174	37.537	-1.637
105	65	39.151	37.468	-1.683
105	66	38.612	37.752	-0.860
105	67	40.252	38.217	-2.035
105	68	39.012	38.520	-0.492
105	69	39.497	38.568	-0.929
	Max	43.390	42.163	1.637
	Average	39.835	39.070	-0.765
	Min	38.052	36.456	-2.940
	Std Dev	1.043	1.111	0.967



	6.149_LEAK_PU2_MIN/P	
Test Site		
Tester		
Test Number		
Max Limit	110	uA
Min Limit	0	uA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	39.897	39.779	39.340	38.245	39.191	38.500	36.456	38.813	36.894	36.540	37.468
Average	41.029	40.518	39.721	39.163	39.554	38.975	38.358	38.998	38.206	37.928	38.105
Max	42.163	41.978	39.935	39.853	39.988	39.571	39.168	39.219	38.960	38.631	38.568
UL	110.000	110.000	110.000	110.000	####	110.000	####	####	110.000	####	110.000

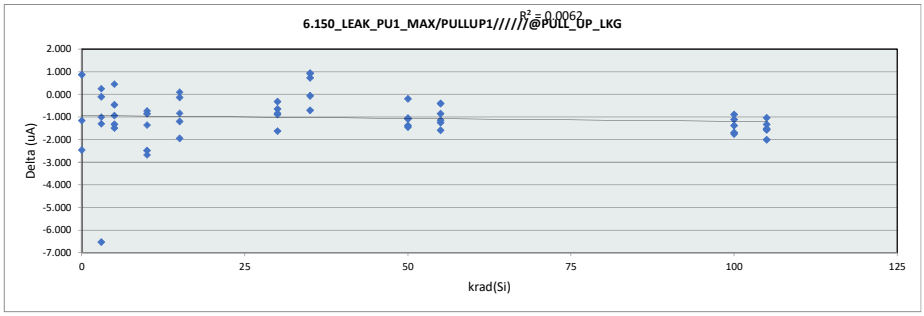


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

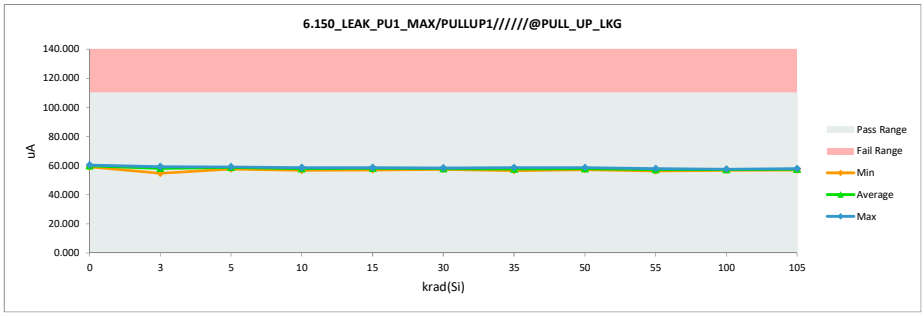
	6.150_LEAK_PU1_MAX/PU	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	121	110
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	61.677	59.209	-2.468
0	14	61.374	60.205	-1.169
0	15	59.464	60.328	0.864
3	20	61.288	54.746	-6.542
3	21	58.979	59.220	0.241
3	22	60.096	58.790	-1.306
3	23	59.853	58.841	-1.012
3	24	58.647	58.529	-0.118
5	25	60.083	59.135	-0.948
5	26	59.900	58.572	-1.328
5	27	59.274	57.772	-1.502
5	28	59.619	59.149	-0.470
5	29	58.609	59.050	0.441
10	30	59.520	56.832	-2.688
10	31	59.366	58.501	-0.865
10	32	59.140	57.774	-1.366
10	33	59.261	58.520	-0.741
10	34	59.827	57.333	-2.494
15	35	59.755	58.550	-1.205
15	36	59.032	57.073	-1.959
15	37	59.426	58.582	-0.844
15	38	58.444	58.296	-0.148
15	39	58.057	58.146	0.089
30	40	58.251	57.598	-0.653
30	41	59.176	57.547	-1.629
30	42	58.600	58.271	-0.329
30	43	58.848	57.950	-0.898
30	44	59.090	58.247	-0.843
35	45	58.824	58.108	-0.716
35	46	57.764	58.693	0.929
35	47	57.028	57.749	0.721
35	48	55.599	56.513	0.914
35	49	57.225	57.150	-0.075
50	50	58.609	57.224	-1.385
50	51	59.648	58.591	-1.057
50	52	58.877	57.422	-1.455
50	53	58.847	57.750	-1.097
50	54	58.142	57.939	-0.203
55	55	58.381	57.969	-0.412
55	56	58.069	57.209	-0.860
55	57	58.391	57.137	-1.254
55	58	58.732	57.576	-1.156
55	59	57.780	56.188	-1.592
100	60	58.651	57.534	-1.117
100	61	58.950	57.250	-1.700
100	62	58.965	57.204	-1.761
100	63	58.130	56.737	-1.393
100	64	58.281	57.382	-0.899
105	65	58.292	56.953	-1.339
105	66	58.303	57.260	-1.043
105	67	59.675	57.663	-2.012
105	68	59.173	57.640	-1.533
105	69	59.405	57.830	-1.575
	Max	61.677	60.328	0.929
	Average	58.951	57.914	-1.037
	Min	55.599	54.746	-6.542
	Std Dev	1.023	0.967	1.133



	6.150_LEAK_PU1_MAX/P	
Test Site		
Tester		
Test Number		
Max Limit	110	uA
Min Limit	0	uA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	59.209	54.746	57.772	56.832	57.073	57.547	56.513	57.224	56.188	56.737	56.953
Average	59.914	58.025	58.736	57.792	58.129	57.923	57.643	57.785	57.216	57.221	57.469
Max	60.328	59.220	59.149	58.520	58.582	58.271	58.693	58.591	57.969	57.534	57.830
UL	110.000	110.000	110.000	110.000	####	110.000	####	####	110.000	####	110.000

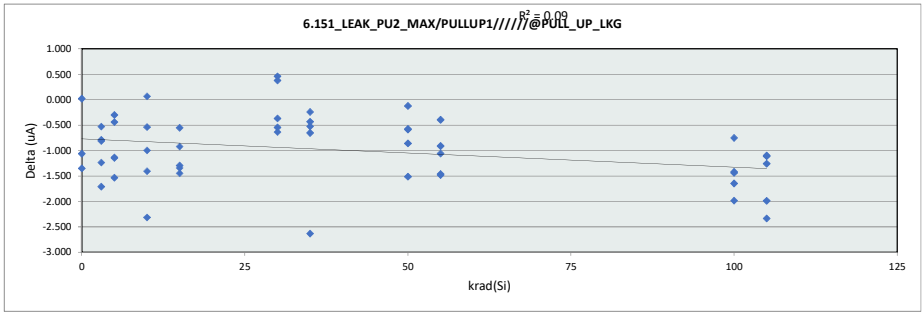


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

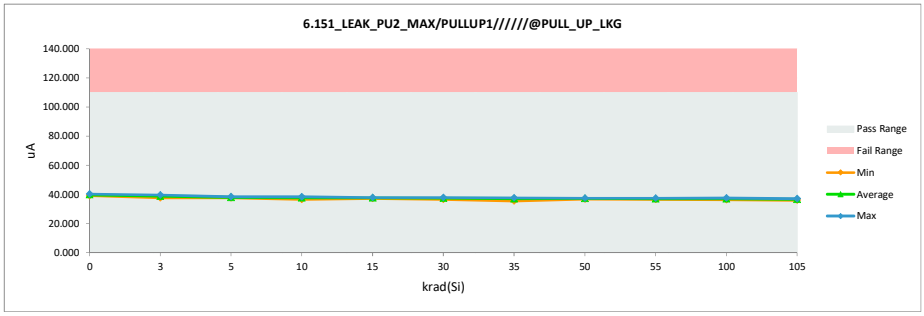
	6.151_LEAK_PU2_MAX/PU	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	121	110
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	41.537	40.182	-1.355
0	14	39.837	39.854	0.017
0	15	40.198	39.132	-1.066
3	20	40.373	39.560	-0.813
3	21	40.242	39.001	-1.241
3	22	39.780	38.990	-0.790
3	23	39.179	38.647	-0.532
3	24	39.290	37.576	-1.714
5	25	38.838	38.394	-0.444
5	26	39.124	37.972	-1.152
5	27	38.251	37.947	-0.304
5	28	39.180	37.642	-1.538
5	29	38.944	37.805	-1.139
10	30	38.890	36.570	-2.320
10	31	37.931	37.994	0.063
10	32	38.354	37.810	-0.544
10	33	38.636	37.225	-1.411
10	34	39.229	38.227	-1.002
15	35	39.292	37.841	-1.451
15	36	38.832	37.534	-1.298
15	37	38.770	37.424	-1.346
15	38	37.784	37.227	-0.557
15	39	38.602	37.676	-0.926
30	40	38.186	37.812	-0.374
30	41	37.234	37.689	0.455
30	42	36.767	37.139	0.372
30	43	37.137	36.586	-0.551
30	44	38.234	37.592	-0.642
35	45	38.033	37.376	-0.657
35	46	37.874	37.627	-0.247
35	47	38.069	37.539	-0.530
35	48	38.047	35.410	-2.637
35	49	37.761	37.322	-0.439
50	50	37.984	37.392	-0.592
50	51	38.744	37.227	-1.517
50	52	37.483	36.619	-0.864
50	53	37.445	37.318	-0.127
50	54	37.881	37.303	-0.578
55	55	38.104	37.040	-1.064
55	56	38.143	36.679	-1.464
55	57	37.773	37.373	-0.400
55	58	37.966	37.051	-0.915
55	59	37.993	36.508	-1.485
100	60	38.659	37.009	-1.650
100	61	38.353	36.366	-1.987
100	62	38.249	36.828	-1.421
100	63	38.176	37.422	-0.754
100	64	38.171	36.729	-1.442
105	65	38.117	37.002	-1.115
105	66	37.959	35.967	-1.992
105	67	38.429	36.091	-2.338
105	68	37.990	36.889	-1.101
105	69	38.248	36.985	-1.263
	Max	41.537	40.182	0.455
	Average	38.496	37.512	-0.985
	Min	36.767	35.410	-2.637
	Std Dev	0.880	0.932	0.658



	6.151_LEAK_PU2_MAX/P	
Test Site		
Tester		
Test Number		
Max Limit	110	uA
Min Limit	0	uA

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	39.132	37.576	37.642	36.570	37.227	36.586	35.410	36.619	36.508	36.366	35.967
Average	39.723	38.755	37.952	37.565	37.540	37.364	37.055	37.172	36.930	36.871	36.587
Max	40.182	39.560	38.394	38.227	37.841	37.812	37.627	37.392	37.373	37.422	37.002
UL	110.000	110.000	110.000	110.000	####	110.000	####	####	110.000	####	110.000

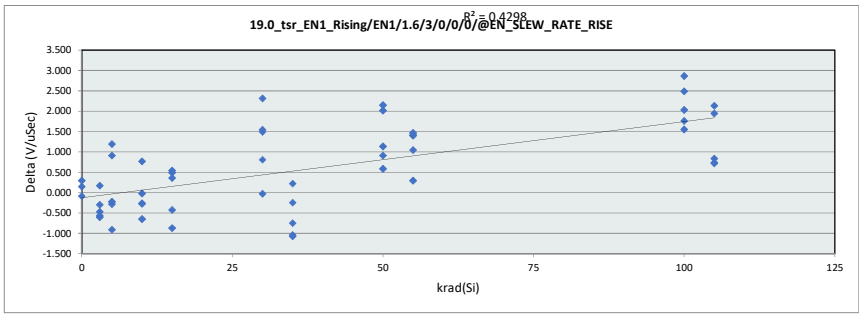


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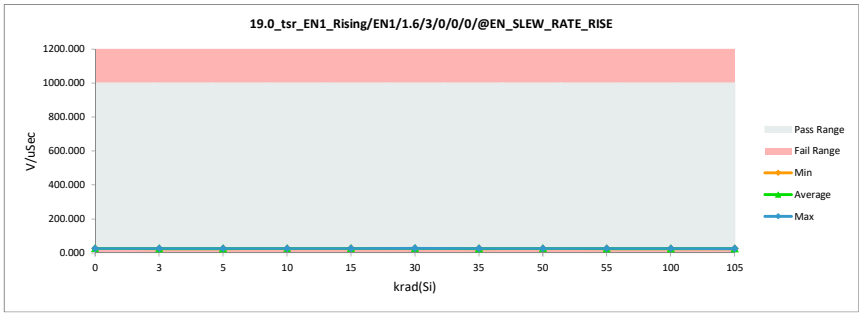
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.0_tsr_EN1_Rising/EN1	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	26.145	26.050	-0.095
0	14	25.699	25.839	0.140
0	15	25.869	26.155	0.286
3	20	25.791	25.217	-0.574
3	21	26.355	25.876	-0.479
3	22	25.837	25.230	-0.607
3	23	25.099	24.794	-0.305
3	24	25.799	25.962	0.163
5	25	24.948	25.852	0.904
5	26	25.470	25.179	-0.291
5	27	25.687	25.454	-0.233
5	28	25.873	24.955	-0.918
5	29	24.967	26.154	1.187
10	30	24.942	25.704	0.762
10	31	26.154	25.495	-0.659
10	32	26.573	26.306	-0.267
10	33	25.238	25.212	-0.026
10	34	26.553	26.272	-0.281
15	35	25.221	25.759	0.538
15	36	26.888	26.009	-0.879
15	37	25.472	25.954	0.482
15	38	25.477	25.831	0.354
15	39	25.860	25.429	-0.431
30	40	25.126	27.431	2.305
30	41	24.779	24.745	-0.034
30	42	24.806	26.290	1.484
30	43	25.380	26.181	0.801
30	44	24.157	25.694	1.537
35	45	25.995	24.945	-1.050
35	46	25.078	24.827	-0.251
35	47	26.187	26.401	0.214
35	48	25.706	24.949	-0.757
35	49	25.864	24.783	-1.081
50	50	24.009	25.139	1.130
50	51	23.773	25.782	2.009
50	52	24.963	25.866	0.903
50	53	23.473	25.616	2.143
50	54	25.282	25.861	0.579
55	55	24.145	25.540	1.395
55	56	24.112	25.572	1.460
55	57	24.824	25.865	1.041
55	58	24.095	25.500	1.405
55	59	25.230	25.519	0.289
100	60	23.331	26.189	2.858
100	61	22.569	25.052	2.483
100	62	23.109	24.864	1.755
100	63	23.686	25.711	2.025
100	64	23.564	25.109	1.545
105	65	24.440	25.270	0.830
105	66	24.553	25.263	0.710
105	67	22.879	25.006	2.127
105	68	22.796	24.736	1.940
105	69	24.131	24.860	0.729
	Max	26.888	27.431	2.858
	Average	24.980	25.571	0.590
	Min	22.569	24.736	-1.081
	Std Dev	1.052	0.548	1.022



	19.0_tsr_EN1_Rising/EN										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.839	24.794	24.955	25.212	25.429	24.745	24.783	25.139	25.500	24.864	24.736
Average	26.015	25.416	25.519	25.798	25.796	26.068	25.181	25.653	25.599	25.385	25.027
Max	26.155	25.962	26.154	26.306	26.009	27.431	26.401	25.866	25.865	26.189	25.270
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

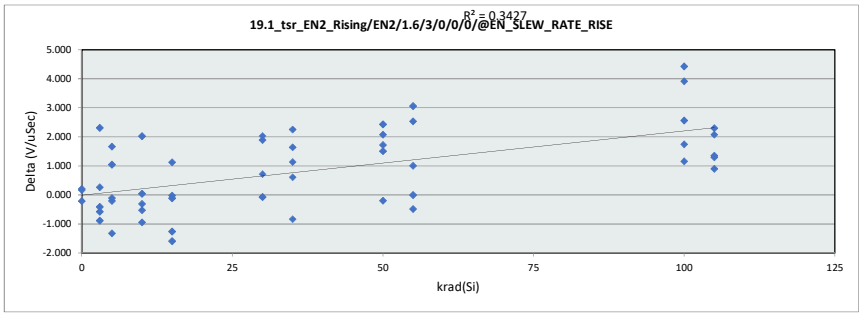


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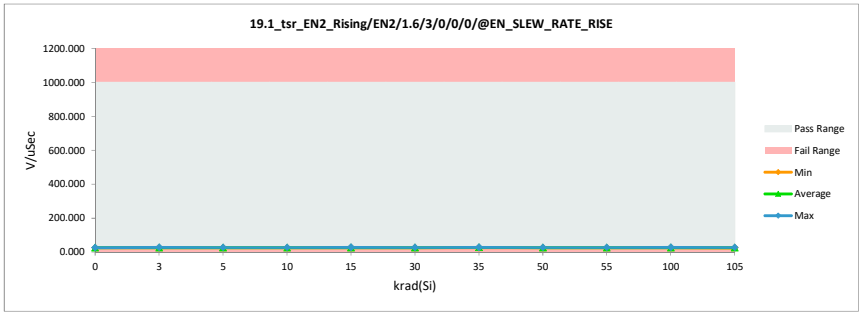
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.1_tsr_EN2_Rising/EN2	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	26.050	26.209	0.159
0	14	25.345	25.125	-0.220
0	15	25.416	25.615	0.199
3	20	25.701	25.283	-0.418
3	21	26.043	28.345	2.302
3	22	25.987	25.094	-0.893
3	23	24.712	24.968	0.256
3	24	25.326	24.743	-0.583
5	25	25.139	26.178	1.039
5	26	25.061	26.716	1.655
5	27	25.648	25.436	-0.212
5	28	26.713	25.382	-1.331
5	29	25.152	25.039	-0.113
10	30	25.288	24.755	-0.533
10	31	26.477	25.527	-0.950
10	32	25.782	25.814	0.032
10	33	25.894	25.579	-0.315
10	34	25.377	27.393	2.016
15	35	25.493	25.466	-0.027
15	36	26.787	25.520	-1.267
15	37	26.741	25.144	-1.597
15	38	26.587	27.703	1.116
15	39	25.544	25.424	-0.120
30	40	26.429	26.360	-0.069
30	41	24.710	25.418	0.708
30	42	24.837	26.722	1.885
30	43	26.805	26.722	-0.083
30	44	24.708	26.729	2.021
35	45	26.246	26.847	0.601
35	46	24.385	26.018	1.633
35	47	25.328	27.574	2.246
35	48	26.116	27.244	1.128
35	49	26.271	25.431	-0.840
50	50	24.061	26.132	2.071
50	51	23.671	25.170	1.499
50	52	24.704	27.128	2.424
50	53	24.017	25.730	1.713
50	54	25.668	25.462	-0.206
55	55	24.120	26.646	2.526
55	56	24.374	25.372	0.998
55	57	24.401	27.458	3.057
55	58	25.015	25.002	-0.013
55	59	26.488	25.998	-0.490
100	60	23.778	24.929	1.151
100	61	23.063	24.799	1.736
100	62	22.867	25.421	2.554
100	63	23.687	27.594	3.907
100	64	23.513	27.932	4.419
105	65	25.038	27.109	2.071
105	66	24.968	26.313	1.345
105	67	23.365	25.658	2.293
105	68	23.405	24.692	1.287
105	69	24.060	24.955	0.895
	Max	26.805	28.345	4.419
	Average	25.139	25.982	0.843
	Min	22.867	24.692	-1.597
	Std Dev	1.054	0.959	1.356



	19.1_tsr_EN2_Rising/EN										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.125	24.743	25.039	24.755	25.144	25.418	25.431	25.170	25.002	24.799	24.692
Average	25.650	25.687	25.750	25.814	25.851	26.390	26.623	25.924	26.095	26.135	25.745
Max	26.209	28.345	26.716	27.393	27.703	26.729	27.574	27.128	27.458	27.932	27.109
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

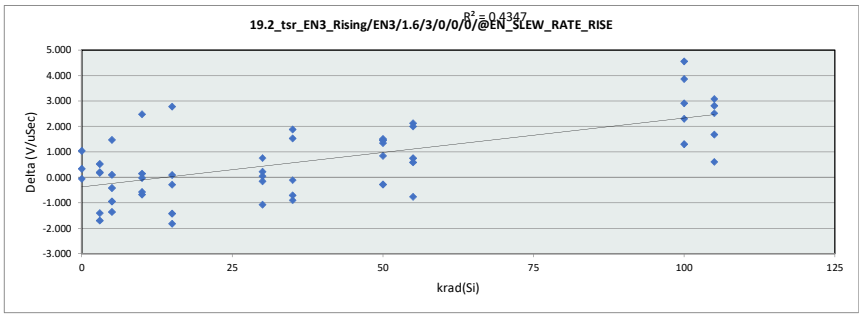


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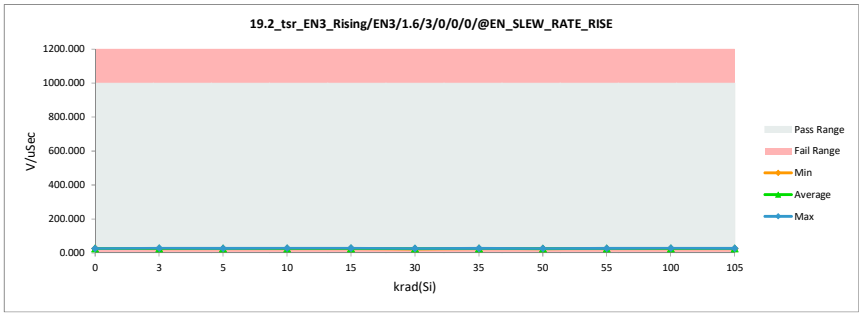
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.2_tsr_EN3_Rising/EN3	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	26.168	26.101	-0.067
0	14	24.885	25.921	1.036
0	15	25.601	25.930	0.329
3	20	27.342	27.857	0.515
3	21	25.791	25.989	0.198
3	22	25.053	25.227	0.174
3	23	25.428	24.019	-1.409
3	24	27.175	25.470	-1.705
5	25	24.926	24.504	-0.422
5	26	26.105	25.150	-0.955
5	27	25.473	26.938	1.465
5	28	27.626	26.262	-1.364
5	29	25.029	25.122	0.093
10	30	25.870	25.839	-0.031
10	31	26.731	26.872	0.141
10	32	25.428	24.845	-0.583
10	33	24.908	27.384	2.476
10	34	26.594	25.907	-0.687
15	35	26.063	24.631	-1.432
15	36	25.393	28.170	2.777
15	37	26.480	24.651	-1.829
15	38	26.794	26.883	0.089
15	39	25.312	25.017	-0.295
30	40	25.287	26.042	0.755
30	41	24.180	24.222	0.042
30	42	26.102	25.026	-1.076
30	43	25.391	25.609	0.218
30	44	24.914	24.752	-0.162
35	45	24.909	26.785	1.876
35	46	25.166	24.453	-0.713
35	47	24.815	24.701	-0.114
35	48	24.832	26.357	1.525
35	49	25.831	24.924	-0.907
50	50	24.624	25.966	1.342
50	51	23.735	25.181	1.446
50	52	23.929	25.431	1.502
50	53	23.969	24.806	0.837
50	54	25.560	25.275	-0.285
55	55	24.489	26.608	2.119
55	56	25.751	24.980	-0.771
55	57	25.328	25.913	0.585
55	58	23.975	25.970	1.995
55	59	24.645	25.394	0.749
100	60	22.427	26.289	3.862
100	61	22.175	24.469	2.294
100	62	23.339	24.632	1.293
100	63	23.155	27.705	4.550
100	64	23.355	26.262	2.907
105	65	24.351	26.861	2.510
105	66	25.565	27.241	1.676
105	67	22.816	25.620	2.804
105	68	21.610	24.688	3.078
105	69	23.824	24.426	0.602
	Max	27.626	28.170	4.550
	Average	25.023	25.684	0.661
	Min	21.610	24.019	-1.829
	Std Dev	1.282	1.003	1.469



	19.2_tsr_EN3_Rising/EN										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.921	24.019	24.504	24.845	24.631	24.222	24.453	24.806	24.980	24.469	24.426
Average	25.984	25.712	25.595	26.169	25.870	25.130	25.444	25.332	25.773	25.871	25.767
Max	26.101	27.857	26.938	27.384	28.170	26.042	26.785	25.966	26.608	27.705	27.241
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

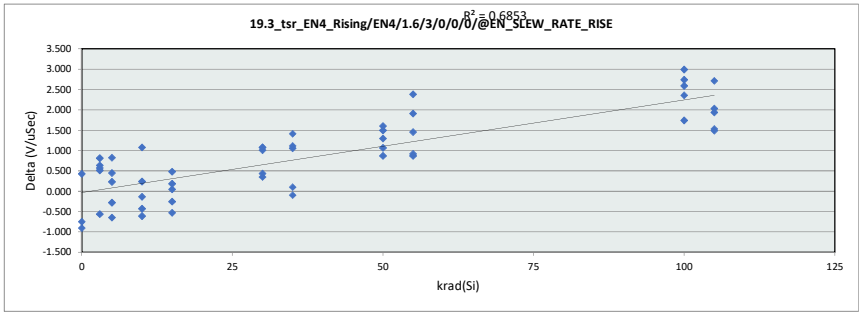


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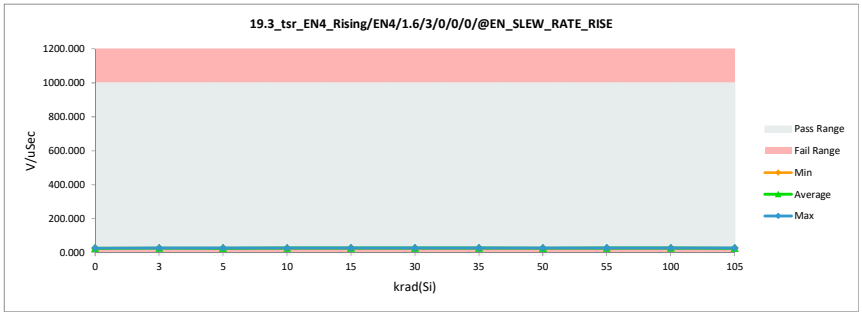
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.3_tsr_EN4_Rising/EN4	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	27.194	26.284	-0.910
0	14	26.643	25.888	-0.755
0	15	25.798	26.223	0.425
3	20	26.253	26.819	0.566
3	21	26.942	26.376	-0.566
3	22	25.928	26.735	0.807
3	23	25.643	26.275	0.632
3	24	25.984	26.495	0.511
5	25	25.472	26.294	0.822
5	26	25.630	25.858	0.228
5	27	26.389	26.108	-0.281
5	28	26.236	26.680	0.444
5	29	26.030	25.379	-0.651
10	30	25.164	26.237	1.073
10	31	26.729	26.294	-0.435
10	32	26.651	26.511	-0.140
10	33	25.942	26.179	0.237
10	34	26.586	25.971	-0.615
15	35	26.248	26.726	0.478
15	36	26.551	26.019	-0.532
15	37	26.171	26.217	0.046
15	38	26.141	26.321	0.180
15	39	26.304	26.047	-0.257
30	40	25.913	26.916	1.003
30	41	24.706	25.777	1.071
30	42	26.021	26.366	0.345
30	43	25.998	26.429	0.431
30	44	24.505	25.582	1.077
35	45	26.046	25.948	-0.098
35	46	25.498	25.594	0.096
35	47	25.695	26.748	1.053
35	48	25.637	26.748	1.111
35	49	25.069	26.479	1.410
50	50	24.346	25.836	1.490
50	51	24.611	26.209	1.598
50	52	24.942	26.004	1.062
50	53	25.030	26.322	1.292
50	54	24.980	25.844	0.864
55	55	24.919	26.371	1.452
55	56	24.848	27.227	2.379
55	57	24.588	26.492	1.904
55	58	24.564	25.430	0.866
55	59	25.507	26.423	0.916
100	60	23.486	25.840	2.354
100	61	23.458	26.043	2.585
100	62	23.696	26.429	2.733
100	63	23.892	26.879	2.987
100	64	24.266	26.002	1.736
105	65	24.985	26.469	1.484
105	66	25.349	26.875	1.526
105	67	23.378	25.404	2.026
105	68	23.179	25.889	2.710
105	69	24.208	26.141	1.933
	Max	27.194	27.227	2.987
	Average	25.395	26.239	0.843
	Min	23.179	25.379	-0.910
	Std Dev	0.996	0.410	0.983



	19.3_tsr_EN4_Rising/EN										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.888	26.275	25.379	25.971	26.019	25.582	25.594	25.836	25.430	25.840	25.404
Average	26.132	26.540	26.064	26.238	26.266	26.214	26.303	26.043	26.389	26.239	26.156
Max	26.284	26.819	26.680	26.511	26.726	26.916	26.748	26.322	27.227	26.879	26.875
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

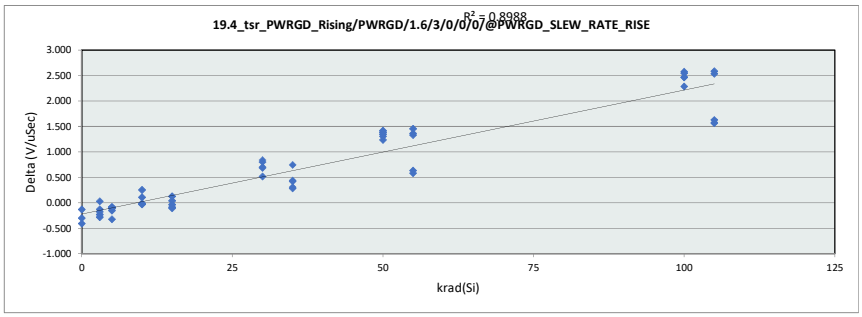


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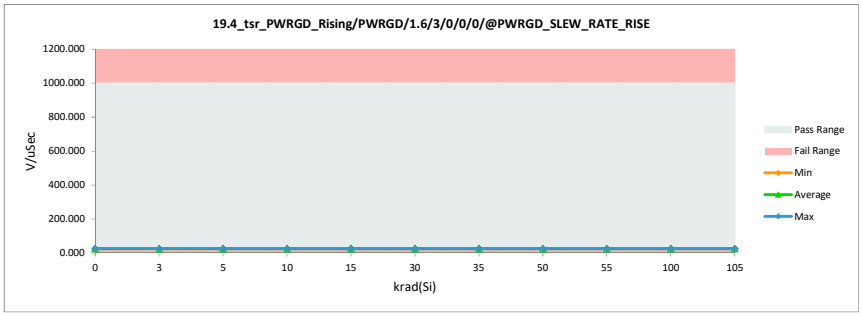
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.4_tsr_PWRGD_Rising/I	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	25.815	25.682	-0.133
0	14	25.572	25.164	-0.408
0	15	25.517	25.216	-0.301
3	20	25.862	25.581	-0.281
3	21	26.112	25.880	-0.232
3	22	25.296	25.168	-0.128
3	23	25.160	24.982	-0.178
3	24	25.363	25.391	0.028
5	25	25.003	24.678	-0.325
5	26	24.977	24.866	-0.111
5	27	25.425	25.337	-0.088
5	28	25.823	25.669	-0.154
5	29	25.045	24.964	-0.081
10	30	25.005	25.111	0.106
10	31	25.463	25.429	-0.034
10	32	25.343	25.593	0.250
10	33	25.181	25.171	-0.010
10	34	25.481	25.458	-0.023
15	35	25.440	25.404	-0.036
15	36	25.413	25.539	0.126
15	37	25.271	25.308	0.037
15	38	25.949	25.860	-0.089
15	39	25.678	25.570	-0.108
30	40	25.072	25.589	0.517
30	41	24.218	24.922	0.704
30	42	24.807	25.607	0.800
30	43	24.886	25.572	0.686
30	44	24.295	25.136	0.841
35	45	24.704	25.125	0.421
35	46	24.352	25.096	0.744
35	47	25.229	25.514	0.285
35	48	24.925	25.233	0.308
35	49	24.693	25.131	0.438
50	50	23.604	24.838	1.234
50	51	23.811	25.158	1.347
50	52	24.002	25.417	1.415
50	53	23.654	25.035	1.381
50	54	24.120	25.423	1.303
55	55	23.573	24.902	1.329
55	56	24.086	25.448	1.362
55	57	23.766	25.222	1.456
55	58	24.164	24.799	0.635
55	59	25.084	25.667	0.583
100	60	22.691	25.267	2.576
100	61	22.338	24.803	2.465
100	62	23.214	25.760	2.546
100	63	23.234	25.703	2.469
100	64	22.919	25.205	2.286
105	65	23.993	25.569	1.576
105	66	24.153	25.717	1.564
105	67	22.242	24.775	2.533
105	68	22.458	25.044	2.586
105	69	23.179	24.808	1.629
	Max	26.112	25.880	2.586
	Average	24.578	25.293	0.714
	Min	22.242	24.678	-0.408
	Std Dev	1.013	0.313	0.920



	19.4_tsr_PWRGD_Rising										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.164	24.982	24.678	25.111	25.308	24.922	25.096	24.838	24.799	24.803	24.775
Average	25.354	25.400	25.103	25.352	25.536	25.365	25.220	25.174	25.208	25.348	25.183
Max	25.682	25.880	25.669	25.593	25.860	25.607	25.514	25.423	25.667	25.760	25.717
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

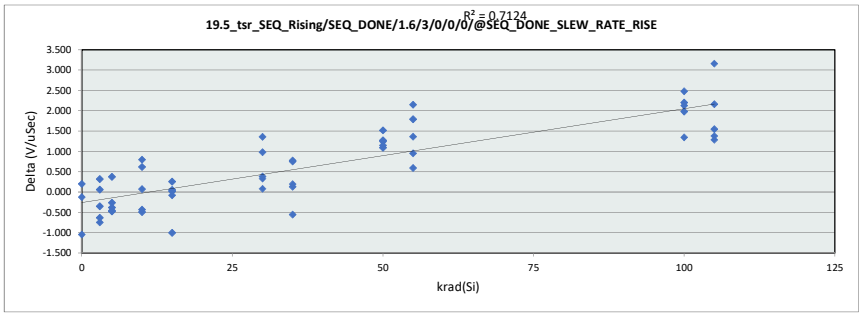


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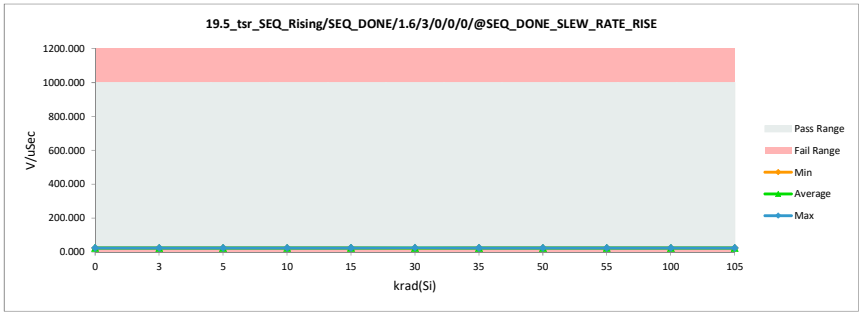
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.5_tsr_SEQ_Rising/SEQ	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	24.560	24.758	0.198
0	14	24.457	23.410	-1.047
0	15	23.881	23.754	-0.127
3	20	24.326	23.974	-0.352
3	21	25.096	24.346	-0.750
3	22	24.352	23.716	-0.636
3	23	23.781	23.837	0.056
3	24	23.475	23.790	0.315
5	25	23.570	23.093	-0.477
5	26	23.506	23.122	-0.384
5	27	24.102	24.476	0.374
5	28	24.453	23.993	-0.460
5	29	23.529	23.261	-0.268
10	30	23.773	24.386	0.613
10	31	24.156	23.721	-0.435
10	32	23.645	23.715	0.070
10	33	23.656	24.451	0.795
10	34	24.118	23.621	-0.497
15	35	24.160	24.076	-0.084
15	36	24.178	24.195	0.017
15	37	24.318	23.311	-1.007
15	38	24.534	24.582	0.048
15	39	24.375	24.627	0.252
30	40	24.026	24.353	0.327
30	41	22.522	23.499	0.977
30	42	23.574	23.651	0.077
30	43	23.605	24.959	1.354
30	44	22.666	23.046	0.380
35	45	23.647	23.773	0.126
35	46	23.110	23.301	0.191
35	47	24.040	24.790	0.750
35	48	24.015	23.458	-0.557
35	49	22.896	23.671	0.775
50	50	22.266	23.413	1.147
50	51	22.290	23.530	1.240
50	52	22.792	24.061	1.269
50	53	22.203	23.292	1.089
50	54	22.018	23.532	1.514
55	55	22.621	23.209	0.588
55	56	22.731	24.874	2.143
55	57	21.897	23.686	1.789
55	58	22.385	23.745	1.360
55	59	23.913	24.861	0.948
100	60	21.475	23.673	2.198
100	61	20.787	23.265	2.478
100	62	22.389	23.731	1.342
100	63	22.167	24.144	1.977
100	64	21.736	23.861	2.125
105	65	22.789	24.069	1.280
105	66	22.770	24.311	1.541
105	67	20.277	23.431	3.154
105	68	21.641	23.798	2.157
105	69	22.000	23.377	1.377
	Max	25.096	24.959	3.154
	Average	23.231	23.860	0.629
	Min	20.277	23.046	-1.047
	Std Dev	1.060	0.511	0.979



	19.5_tsr_SEQ_Rising/SE										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	23.410	23.716	23.093	23.621	23.311	23.046	23.301	23.292	23.209	23.265	23.377
Average	23.974	23.933	23.589	23.979	24.158	23.902	23.799	23.566	24.075	23.735	23.797
Max	24.758	24.346	24.476	24.451	24.627	24.959	24.790	24.061	24.874	24.144	24.311
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

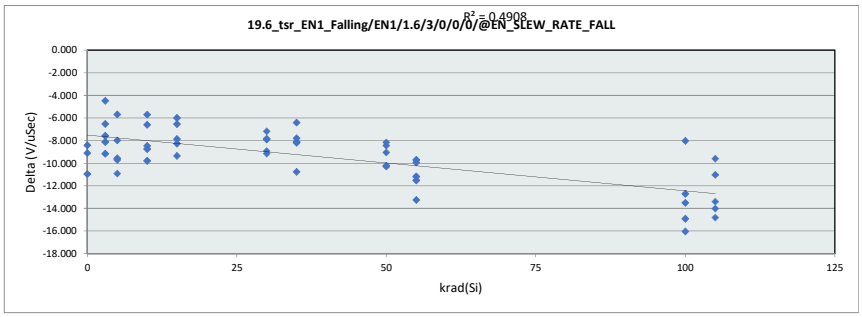


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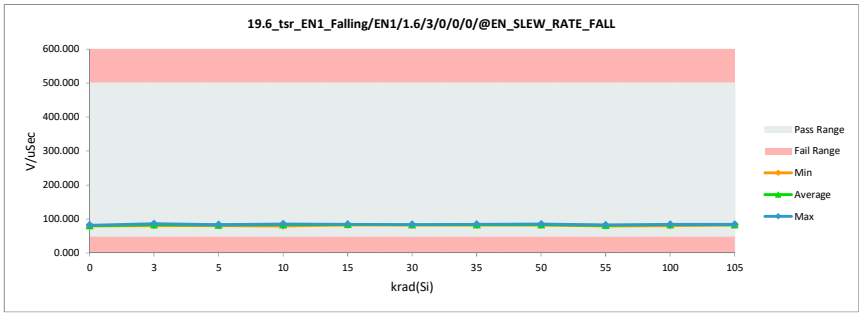
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.6_tsr_EN1_Falling/EN1	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	88.145	79.027	-9.118
0	14	90.408	81.978	-8.430
0	15	90.671	79.690	-10.981
3	20	92.577	86.034	-6.543
3	21	88.011	83.506	-4.505
3	22	88.235	80.622	-7.613
3	23	89.513	80.337	-9.176
3	24	91.910	83.778	-8.132
5	25	91.129	83.122	-8.007
5	26	89.915	80.182	-9.733
5	27	94.297	83.358	-10.939
5	28	88.784	83.072	-5.712
5	29	89.700	80.122	-9.578
10	30	90.712	80.905	-9.807
10	31	90.147	83.523	-6.624
10	32	93.447	84.953	-8.494
10	33	88.242	79.473	-8.769
10	34	90.510	84.780	-5.730
15	35	91.060	83.175	-7.885
15	36	88.924	82.363	-6.561
15	37	92.906	83.539	-9.367
15	38	92.830	84.544	-8.286
15	39	90.513	84.490	-6.023
30	40	91.075	81.913	-9.162
30	41	92.136	83.194	-8.942
30	42	90.869	82.943	-7.926
30	43	91.079	83.881	-7.198
30	44	89.497	81.641	-7.856
35	45	90.239	82.106	-8.133
35	46	94.335	83.544	-10.791
35	47	92.332	84.121	-8.211
35	48	88.572	82.144	-6.428
35	49	92.643	84.830	-7.813
50	50	91.551	82.492	-9.059
50	51	91.819	83.643	-8.176
50	52	91.915	81.673	-10.242
50	53	92.134	81.813	-10.321
50	54	93.773	85.312	-8.461
55	55	93.114	81.580	-11.534
55	56	94.238	80.970	-13.268
55	57	92.744	82.789	-9.955
55	58	90.699	79.498	-11.201
55	59	91.148	81.419	-9.729
100	60	95.818	83.096	-12.722
100	61	98.201	83.264	-14.937
100	62	95.518	81.997	-13.521
100	63	96.190	80.136	-16.054
100	64	92.011	83.962	-8.049
105	65	93.274	82.227	-11.047
105	66	93.685	84.058	-9.627
105	67	96.660	81.823	-14.837
105	68	96.946	83.529	-13.417
105	69	95.623	81.589	-14.034
	Max	98.201	86.034	-4.505
	Average	91.933	82.524	-9.409
	Min	88.011	79.027	-16.054
	Std Dev	2.436	1.643	2.527



	19.6_tsr_EN1_Falling/EN										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	79.027	80.337	80.122	79.473	82.363	81.641	82.106	81.673	79.498	80.136	81.589
Average	80.232	82.855	81.971	82.727	83.622	82.714	83.349	82.987	81.251	82.491	82.645
Max	81.978	86.034	83.358	84.953	84.544	83.881	84.830	85.312	82.789	83.962	84.058
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

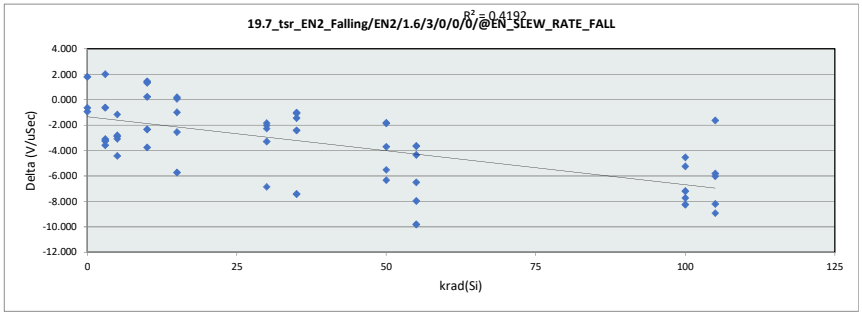


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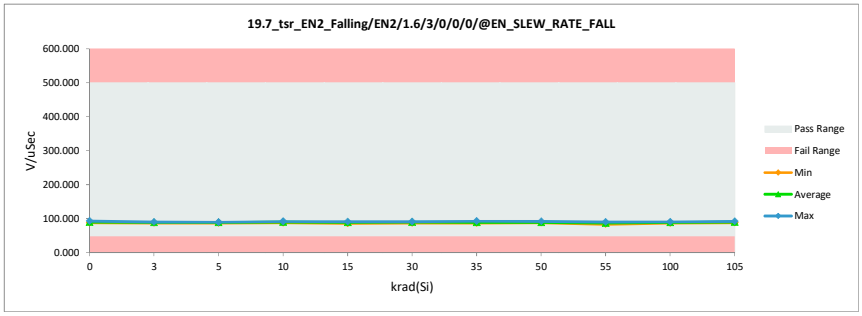
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.7_tsr_EN2_Falling/EN2	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	88.659	88.006	-0.653
0	14	86.308	88.086	1.778
0	15	93.669	92.705	-0.964
3	20	89.091	88.449	-0.642
3	21	87.960	89.950	1.990
3	22	92.788	89.677	-3.111
3	23	90.724	87.120	-3.604
3	24	91.538	88.272	-3.266
5	25	90.484	87.386	-3.098
5	26	93.701	89.267	-4.434
5	27	91.847	89.032	-2.815
5	28	92.270	89.369	-2.901
5	29	88.371	87.186	-1.185
10	30	89.890	91.198	1.308
10	31	89.030	90.446	1.416
10	32	91.174	88.816	-2.358
10	33	91.298	87.532	-3.766
10	34	90.893	91.100	0.207
15	35	88.411	85.841	-2.570
15	36	88.074	88.128	0.054
15	37	88.846	87.829	-1.017
15	38	90.996	91.161	0.165
15	39	95.639	89.895	-5.744
30	40	94.132	90.820	-3.312
30	41	94.013	87.139	-6.874
30	42	91.646	89.348	-2.298
30	43	92.578	90.529	-2.049
30	44	92.512	90.657	-1.855
35	45	90.506	89.416	-1.090
35	46	94.128	86.696	-7.432
35	47	89.988	88.951	-1.037
35	48	94.852	92.418	-2.434
35	49	88.760	87.287	-1.473
50	50	94.688	88.338	-6.350
50	51	91.831	88.116	-3.715
50	52	90.105	88.231	-1.874
50	53	93.565	91.734	-1.831
50	54	93.778	88.237	-5.541
55	55	91.025	87.355	-3.670
55	56	93.376	83.543	-9.833
55	57	94.988	87.003	-7.985
55	58	94.291	89.937	-4.354
55	59	92.322	85.808	-6.514
100	60	97.848	89.584	-8.264
100	61	95.132	87.921	-7.211
100	62	91.813	86.555	-5.258
100	63	94.833	90.280	-4.553
100	64	94.862	87.116	-7.746
105	65	93.778	92.123	-1.655
105	66	96.832	90.790	-6.042
105	67	97.773	89.554	-8.219
105	68	97.709	88.778	-8.931
105	69	93.852	88.024	-5.828
	Max	97.848	92.705	1.990
	Average	92.249	88.844	-3.404
	Min	86.308	83.543	-9.833
	Std Dev	2.722	1.827	2.948



	19.7_tsr_EN2_Falling/EN										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	88.006	87.120	87.186	87.532	85.841	87.139	86.696	88.116	83.543	86.555	88.024
Average	89.599	88.694	88.448	89.818	88.571	89.699	88.954	88.931	86.729	88.291	89.854
Max	92.705	89.950	89.369	91.198	91.161	90.820	92.418	91.734	89.937	90.280	92.123
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

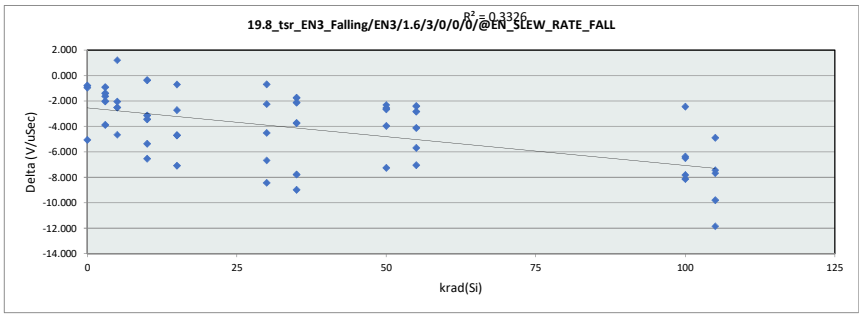


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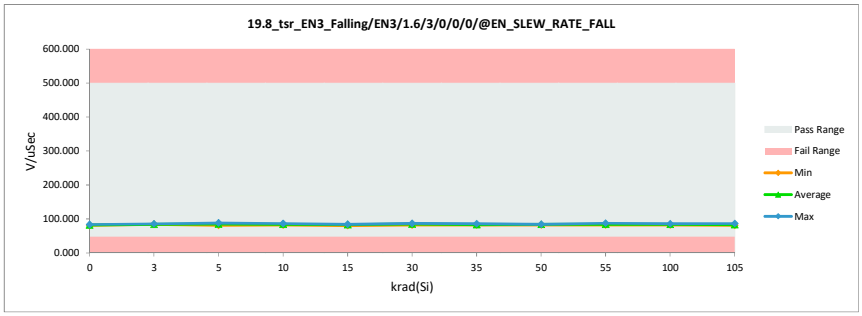
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.8_tsr_EN3_Falling/EN3	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	83.819	82.859	-0.960
0	14	86.034	80.963	-5.071
0	15	84.544	83.737	-0.807
3	20	86.606	84.573	-2.033
3	21	85.771	84.371	-1.400
3	22	86.387	85.472	-0.915
3	23	88.455	84.572	-3.883
3	24	85.759	84.122	-1.637
5	25	86.962	84.903	-2.059
5	26	86.968	88.161	1.193
5	27	88.308	85.791	-2.517
5	28	86.555	84.030	-2.525
5	29	85.939	81.274	-4.665
10	30	89.065	85.918	-3.147
10	31	88.028	82.667	-5.361
10	32	87.312	83.872	-3.440
10	33	86.917	86.549	-0.368
10	34	90.412	83.861	-6.551
15	35	87.518	80.419	-7.099
15	36	87.327	82.615	-4.712
15	37	84.476	83.767	-0.709
15	38	89.108	84.410	-4.698
15	39	86.409	83.687	-2.722
30	40	90.777	82.331	-8.446
30	41	87.162	84.907	-2.255
30	42	87.571	86.874	-0.697
30	43	90.094	85.572	-4.522
30	44	90.892	84.211	-6.681
35	45	87.124	85.369	-1.755
35	46	89.602	81.818	-7.784
35	47	88.122	85.979	-2.143
35	48	91.094	82.100	-8.994
35	49	86.671	82.921	-3.750
50	50	87.453	83.486	-3.967
50	51	87.248	84.688	-2.560
50	52	86.103	83.787	-2.316
50	53	87.030	84.373	-2.657
50	54	89.725	82.461	-7.264
55	55	87.722	85.317	-2.405
55	56	87.419	84.581	-2.838
55	57	91.585	87.454	-4.131
55	58	88.958	83.263	-5.695
55	59	89.730	82.676	-7.054
100	60	90.918	84.426	-6.492
100	61	88.154	85.710	-2.444
100	62	90.902	84.522	-6.380
100	63	89.926	82.103	-7.823
100	64	90.563	82.419	-8.144
105	65	91.618	81.817	-9.801
105	66	91.344	86.443	-4.901
105	67	92.915	85.232	-7.683
105	68	95.591	83.740	-11.851
105	69	88.725	81.279	-7.446
	Max	95.591	88.161	1.193
	Average	88.329	84.046	-4.282
	Min	83.819	80.419	-11.851
	Std Dev	2.286	1.686	2.820



	19.8_tsr_EN3_Falling/EN										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	80.963	84.122	81.274	82.667	80.419	82.331	81.818	82.461	82.676	82.103	81.279
Average	82.520	84.622	84.832	84.573	82.980	84.779	83.637	83.759	84.658	83.836	83.702
Max	83.737	85.472	88.161	86.549	84.410	86.874	85.979	84.688	87.454	85.710	86.443
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

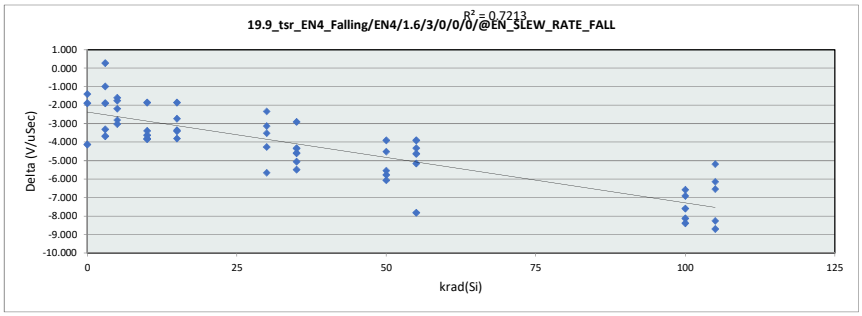


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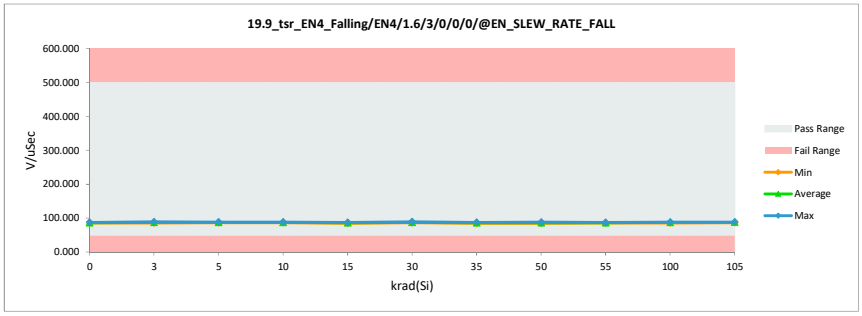
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.9_tsr_EN4_Falling/EN4	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	88.353	86.451	-1.902
0	14	89.087	84.948	-4.139
0	15	89.126	87.719	-1.407
3	20	89.526	87.620	-1.906
3	21	88.709	87.716	-0.993
3	22	92.600	89.279	-3.321
3	23	89.274	85.581	-3.693
3	24	87.381	87.642	0.261
5	25	87.995	86.227	-1.768
5	26	90.680	87.644	-3.036
5	27	90.646	89.036	-1.610
5	28	90.517	87.697	-2.820
5	29	88.980	86.779	-2.201
10	30	92.214	88.390	-3.824
10	31	87.872	85.999	-1.873
10	32	91.496	87.645	-3.851
10	33	89.577	85.946	-3.631
10	34	90.232	86.831	-3.401
15	35	88.570	85.204	-3.366
15	36	86.615	84.744	-1.871
15	37	88.801	85.386	-3.415
15	38	89.898	87.151	-2.747
15	39	91.414	87.595	-3.819
30	40	92.789	89.646	-3.143
30	41	90.431	86.904	-3.527
30	42	90.074	85.801	-4.273
30	43	94.279	88.612	-5.667
30	44	89.851	87.501	-2.350
35	45	90.757	85.261	-5.496
35	46	91.074	86.469	-4.605
35	47	89.820	86.909	-2.911
35	48	92.437	88.090	-4.347
35	49	89.390	84.324	-5.066
50	50	91.677	86.124	-5.553
50	51	91.334	86.811	-4.523
50	52	90.398	84.607	-5.791
50	53	92.588	88.676	-3.912
50	54	93.013	86.937	-6.076
55	55	91.364	86.719	-4.645
55	56	92.808	84.981	-7.827
55	57	91.958	87.622	-4.336
55	58	90.475	86.559	-3.916
55	59	91.078	85.908	-5.170
100	60	95.743	89.154	-6.589
100	61	94.114	87.195	-6.919
100	62	94.349	86.215	-8.134
100	63	93.743	86.138	-7.605
100	64	93.571	85.169	-8.402
105	65	94.204	88.044	-6.160
105	66	93.821	88.616	-5.205
105	67	94.826	86.554	-8.272
105	68	97.772	89.061	-8.711
105	69	93.216	86.661	-6.555
	Max	97.772	89.646	0.261
	Average	91.180	86.915	-4.265
	Min	86.615	84.324	-8.711
	Std Dev	2.293	1.319	2.075



	19.9_tsr_EN4_Falling/EN										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	84.948	85.581	86.227	85.946	84.744	85.801	84.324	84.607	84.981	85.169	86.554
Average	86.373	87.568	87.477	86.962	86.016	87.693	86.211	86.631	86.358	86.774	87.787
Max	87.719	89.279	89.036	88.390	87.595	89.646	88.090	88.676	87.622	89.154	89.061
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

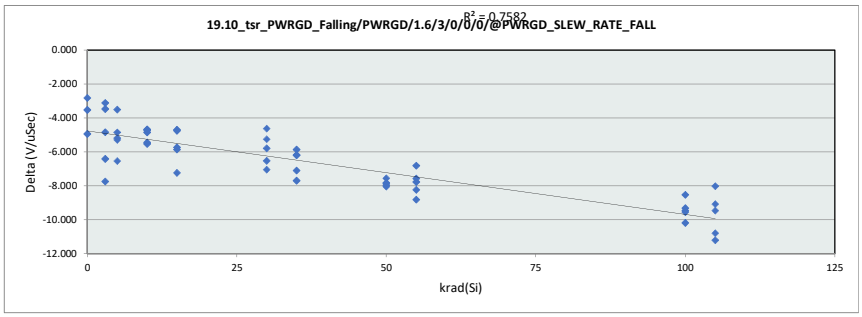


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

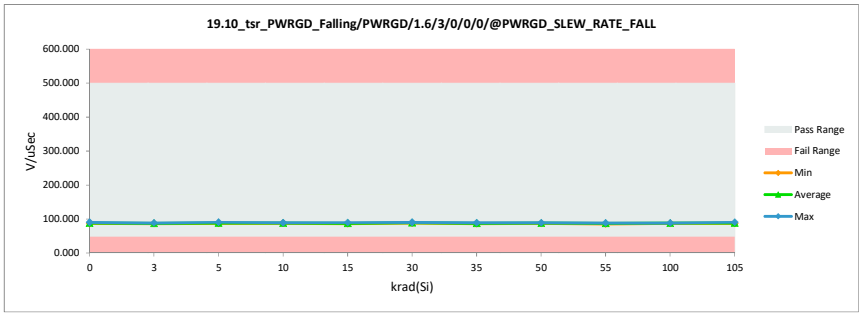
	19.10_tsr_PWRGD_Falling	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	92.184	87.235	-4.949
0	14	90.186	86.646	-3.540
0	15	92.720	89.886	-2.834
3	20	94.344	86.593	-7.751
3	21	90.869	87.746	-3.123
3	22	91.524	88.047	-3.477
3	23	91.595	86.740	-4.855
3	24	92.615	86.191	-6.424
5	25	93.330	86.780	-6.550
5	26	92.076	88.557	-3.519
5	27	92.375	87.178	-5.197
5	28	94.893	90.031	-4.862
5	29	93.789	88.490	-5.299
10	30	93.261	88.573	-4.688
10	31	92.083	87.218	-4.865
10	32	93.640	88.099	-5.541
10	33	91.770	87.048	-4.722
10	34	93.589	88.139	-5.450
15	35	91.734	87.033	-4.701
15	36	92.922	85.672	-7.250
15	37	91.884	86.142	-5.742
15	38	92.725	87.964	-4.761
15	39	94.949	89.082	-5.867
30	40	96.425	89.370	-7.055
30	41	93.376	87.574	-5.802
30	42	93.618	88.354	-5.264
30	43	94.226	89.589	-4.637
30	44	95.351	88.815	-6.536
35	45	92.445	86.240	-6.205
35	46	93.590	85.887	-7.703
35	47	93.702	87.504	-6.198
35	48	95.867	88.757	-7.110
35	49	93.612	87.736	-5.876
50	50	95.061	86.998	-8.063
50	51	95.722	88.149	-7.573
50	52	95.136	87.304	-7.832
50	53	95.995	88.021	-7.974
50	54	96.772	88.906	-7.866
55	55	96.033	88.248	-7.785
55	56	93.869	85.041	-8.828
55	57	95.927	88.345	-7.582
55	58	92.720	85.894	-6.826
55	59	94.406	86.157	-8.249
100	60	98.371	88.175	-10.196
100	61	96.487	86.925	-9.562
100	62	97.514	88.187	-9.327
100	63	97.173	87.687	-9.486
100	64	95.594	87.051	-8.543
105	65	96.282	87.197	-9.085
105	66	99.715	90.240	-9.475
105	67	97.972	86.758	-11.214
105	68	100.539	89.733	-10.806
105	69	94.645	86.619	-8.026
	Max	100.539	90.240	-2.834
	Average	94.325	87.671	-6.654
	Min	90.186	85.041	-11.214
	Std Dev	2.221	1.194	2.027



	19.10_tsr_PWRGD_Fallin	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	86.646	86.191	86.780	87.048	85.672	87.574	85.887	86.998	85.041	86.925	86.619
Average	87.922	87.063	88.207	87.815	87.179	88.740	87.225	87.876	86.737	87.605	88.109
Max	89.886	88.047	90.031	88.573	89.082	89.589	88.757	88.906	88.345	88.187	90.240
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

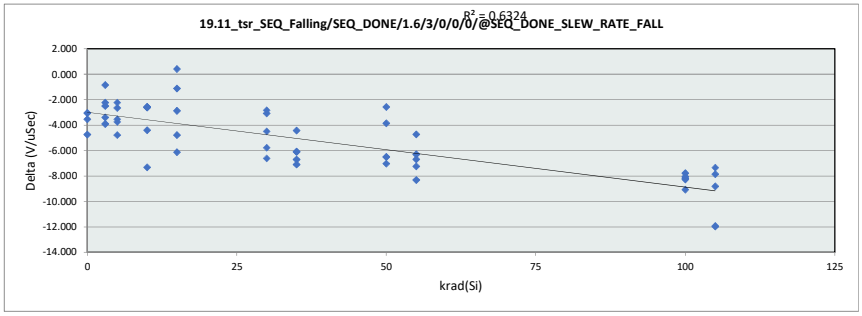


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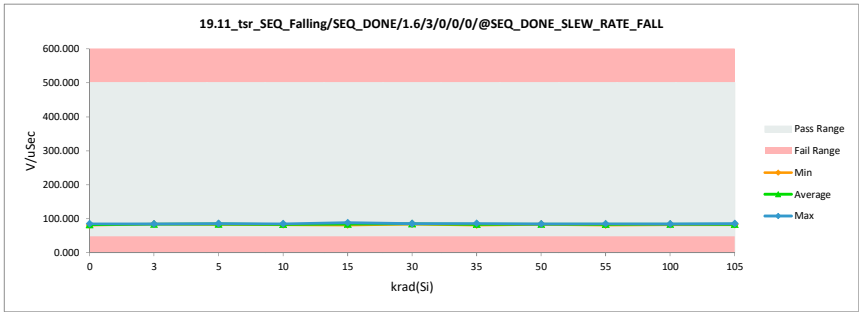
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.11_tsr_SEQ_Falling/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	84.700	81.625	-3.075
0	14	85.784	81.027	-4.757
0	15	88.313	84.757	-3.556
3	20	87.453	84.047	-3.406
3	21	86.108	83.598	-2.510
3	22	87.863	83.938	-3.925
3	23	84.577	83.711	-0.866
3	24	86.260	84.009	-2.251
5	25	87.918	85.249	-2.669
5	26	89.121	84.328	-4.793
5	27	85.728	83.483	-2.245
5	28	87.588	83.820	-3.768
5	29	88.174	84.616	-3.558
10	30	87.247	84.623	-2.624
10	31	89.369	82.038	-7.331
10	32	86.837	84.267	-2.570
10	33	84.643	82.036	-2.607
10	34	86.472	82.057	-4.415
15	35	86.143	85.009	-1.134
15	36	86.272	83.387	-2.885
15	37	86.354	81.558	-4.796
15	38	88.361	82.214	-6.147
15	39	87.427	87.825	0.398
30	40	91.025	84.396	-6.629
30	41	88.950	84.438	-4.512
30	42	88.333	85.232	-3.101
30	43	89.871	84.076	-5.795
30	44	87.861	85.010	-2.851
35	45	87.481	83.039	-4.442
35	46	88.002	80.893	-7.109
35	47	89.586	83.465	-6.121
35	48	91.742	85.649	-6.093
35	49	88.925	82.198	-6.727
50	50	86.268	83.686	-2.582
50	51	90.342	83.820	-6.522
50	52	87.265	83.398	-3.867
50	53	91.429	84.377	-7.052
50	54	90.150	83.637	-6.513
55	55	90.151	82.891	-7.260
55	56	89.196	80.866	-8.330
55	57	90.978	84.668	-6.310
55	58	89.585	82.881	-6.704
55	59	88.714	83.969	-4.745
100	60	92.636	84.441	-8.195
100	61	91.527	82.445	-9.082
100	62	91.834	84.039	-7.795
100	63	92.193	84.131	-8.062
100	64	91.515	83.226	-8.289
105	65	92.336	84.470	-7.866
105	66	93.970	85.137	-8.833
105	67	94.189	82.203	-11.986
105	68	94.538	82.598	-11.940
105	69	90.242	82.887	-7.355
	Max	94.538	87.825	0.398
	Average	88.859	83.611	-5.248
	Min	84.577	80.866	-11.986
	Std Dev	2.491	1.324	2.652



	19.11_tsr_SEQ_Falling/S										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	81.027	83.598	83.483	82.036	81.558	84.076	80.893	83.398	80.866	82.445	82.203
Average	82.470	83.861	84.299	83.004	83.999	84.630	83.049	83.784	83.055	83.656	83.459
Max	84.757	84.047	85.249	84.623	87.825	85.232	85.649	84.377	84.668	84.441	85.137
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

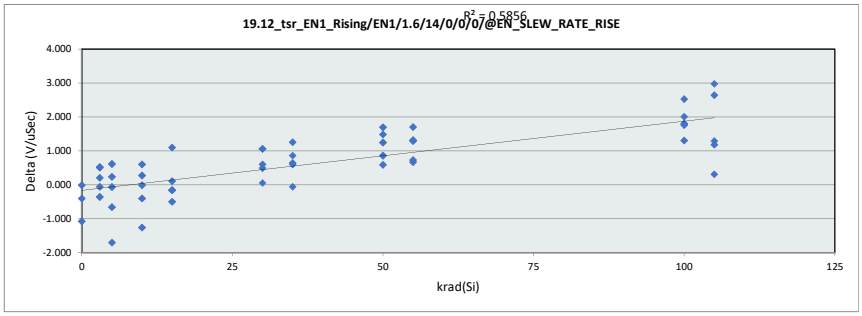


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

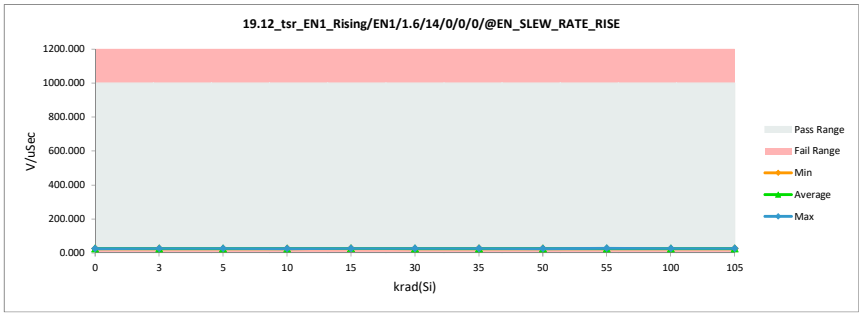
	19.12_tsr_EN1_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	25.959	25.548	-0.411
0	14	26.067	24.986	-1.081
0	15	25.760	25.745	-0.015
3	20	26.012	26.209	0.197
3	21	26.054	25.688	-0.366
3	22	25.081	25.014	-0.067
3	23	24.887	25.404	0.517
3	24	25.812	26.313	0.501
5	25	26.015	25.946	-0.069
5	26	25.299	25.904	0.605
5	27	26.766	25.059	-1.707
5	28	25.691	25.919	0.228
5	29	25.361	24.696	-0.665
10	30	25.081	25.676	0.595
10	31	26.466	25.197	-1.269
10	32	25.380	25.650	0.270
10	33	26.061	25.652	-0.409
10	34	25.781	25.766	-0.015
15	35	25.271	25.374	0.103
15	36	25.555	26.645	1.090
15	37	25.445	25.279	-0.166
15	38	26.812	26.307	-0.505
15	39	26.343	26.180	-0.163
30	40	25.667	25.712	0.045
30	41	24.230	25.285	1.055
30	42	24.928	25.981	1.053
30	43	25.379	25.974	0.595
30	44	24.194	24.680	0.486
35	45	25.091	25.685	0.594
35	46	24.221	24.858	0.637
35	47	25.175	26.425	1.250
35	48	24.974	25.831	0.857
35	49	26.104	26.039	-0.065
50	50	24.242	25.721	1.479
50	51	23.876	25.567	1.691
50	52	24.749	25.331	0.582
50	53	24.383	25.624	1.241
50	54	24.722	25.575	0.853
55	55	24.052	25.366	1.314
55	56	24.482	25.770	1.288
55	57	24.699	25.421	0.722
55	58	24.036	24.698	0.662
55	59	25.179	26.872	1.693
100	60	23.376	25.174	1.798
100	61	23.099	25.617	2.518
100	62	23.469	24.765	1.296
100	63	23.957	25.718	1.761
100	64	24.058	26.055	1.997
105	65	24.926	25.229	0.303
105	66	24.811	25.987	1.176
105	67	23.028	25.667	2.639
105	68	22.840	25.810	2.970
105	69	23.894	25.175	1.281
	Max	26.812	26.872	2.970
	Average	24.996	25.618	0.622
	Min	22.840	24.680	-1.707
	Std Dev	0.967	0.487	0.951



	19.12_tsr_EN1_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	24.986	25.014	24.696	25.197	25.279	24.680	24.858	25.331	24.698	24.765	25.175
Average	25.426	25.726	25.505	25.588	25.957	25.526	25.768	25.564	25.625	25.466	25.574
Max	25.745	26.313	25.946	25.766	26.645	25.981	26.425	25.721	26.872	26.055	25.987
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

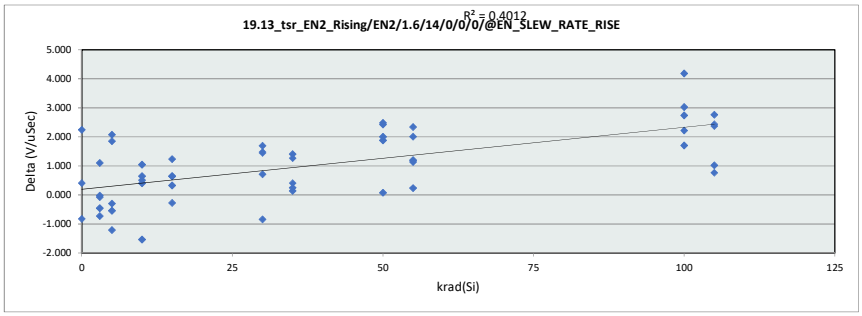


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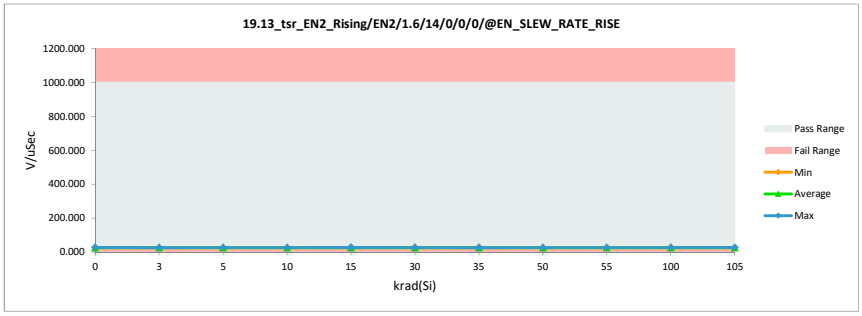
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.13_tsr_EN2_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	26.111	28.344	2.233
0	14	26.099	25.269	-0.830
0	15	25.570	25.975	0.405
3	20	25.886	25.856	-0.030
3	21	26.764	26.034	-0.730
3	22	25.283	26.377	1.094
3	23	25.087	25.005	-0.082
3	24	26.431	25.966	-0.465
5	25	25.229	27.073	1.844
5	26	25.397	24.848	-0.549
5	27	26.673	25.462	-1.211
5	28	25.566	27.636	2.070
5	29	26.509	26.204	-0.305
10	30	25.309	26.347	1.038
10	31	26.900	25.358	-1.542
10	32	25.375	26.018	0.643
10	33	26.717	27.111	0.394
10	34	25.447	25.953	0.506
15	35	25.560	25.881	0.321
15	36	26.829	27.466	0.637
15	37	25.302	25.942	0.640
15	38	25.711	25.433	-0.278
15	39	26.773	28.000	1.227
30	40	26.566	25.721	-0.845
30	41	24.611	26.087	1.476
30	42	25.976	26.681	0.705
30	43	25.924	27.607	1.683
30	44	24.394	25.831	1.437
35	45	26.013	26.146	0.133
35	46	24.955	26.217	1.262
35	47	25.686	26.089	0.403
35	48	25.698	25.939	0.241
35	49	25.042	26.440	1.398
50	50	24.101	26.094	1.993
50	51	24.377	26.796	2.419
50	52	25.170	27.044	1.874
50	53	24.373	26.849	2.476
50	54	25.246	25.315	0.069
55	55	24.662	25.857	1.195
55	56	25.062	27.397	2.335
55	57	24.090	25.218	1.128
55	58	25.329	25.557	0.228
55	59	25.111	27.112	2.001
100	60	23.747	26.480	2.733
100	61	22.406	26.584	4.178
100	62	23.708	26.728	3.020
100	63	24.240	25.936	1.696
100	64	23.951	26.165	2.214
105	65	25.148	25.903	0.755
105	66	24.997	27.362	2.365
105	67	22.986	25.743	2.757
105	68	22.688	25.120	2.432
105	69	23.972	24.985	1.013
	Max	26.900	28.344	4.178
	Average	25.222	26.237	1.015
	Min	22.406	24.848	-1.542
	Std Dev	1.055	0.799	1.207



	19.13_tsr_EN2_Rising/E										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.269	25.005	24.848	25.358	25.433	25.721	25.939	25.315	25.218	25.936	24.985
Average	26.529	25.848	26.245	26.157	26.544	26.385	26.166	26.420	26.228	26.379	25.823
Max	28.344	26.377	27.636	27.111	28.000	27.607	26.440	27.044	27.397	26.728	27.362
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

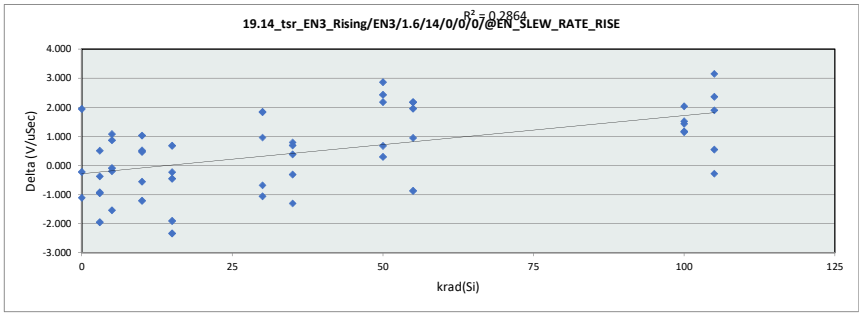


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

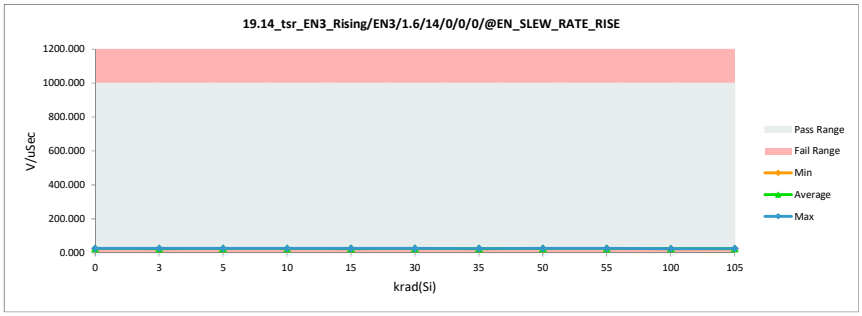
	19.14_tsr_EN3_Rising/EN3	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	25.330	27.267	1.937
0	14	24.944	24.715	-0.229
0	15	27.121	26.006	-1.115
3	20	25.256	24.878	-0.378
3	21	26.303	26.808	0.505
3	22	26.223	24.264	-1.959
3	23	25.878	24.950	-0.928
3	24	25.597	24.643	-0.954
5	25	26.062	25.859	-0.203
5	26	25.754	25.656	-0.098
5	27	26.154	24.608	-1.546
5	28	25.675	26.539	0.864
5	29	25.483	26.559	1.076
10	30	25.705	24.485	-1.220
10	31	26.547	27.009	0.462
10	32	25.343	26.369	1.026
10	33	25.774	26.289	0.515
10	34	25.691	25.131	-0.560
15	35	26.950	24.611	-2.339
15	36	26.378	25.920	-0.458
15	37	24.636	25.309	0.673
15	38	26.851	26.614	-0.237
15	39	26.845	24.934	-1.911
30	40	24.919	26.745	1.826
30	41	24.359	25.311	0.952
30	42	26.193	25.125	-1.068
30	43	25.615	24.929	-0.686
30	44	24.277	26.116	1.839
35	45	24.807	25.186	0.379
35	46	25.300	26.088	0.788
35	47	26.488	25.177	-1.311
35	48	25.140	24.822	-0.318
35	49	24.301	24.987	0.686
50	50	23.468	25.894	2.426
50	51	23.626	26.488	2.862
50	52	23.974	26.147	2.173
50	53	24.399	24.692	0.293
50	54	24.449	25.117	0.668
55	55	23.934	26.099	2.165
55	56	24.569	26.517	1.948
55	57	24.324	26.496	2.172
55	58	24.604	25.549	0.945
55	59	26.378	25.500	-0.878
100	60	23.332	24.845	1.513
100	61	22.708	24.139	1.431
100	62	23.420	25.451	2.031
100	63	23.906	25.047	1.141
100	64	23.571	24.735	1.164
105	65	23.750	26.107	2.357
105	66	25.450	25.160	-0.290
105	67	22.658	25.802	3.144
105	68	22.838	24.733	1.895
105	69	23.759	24.302	0.543
	Max	27.121	27.267	3.144
	Average	25.038	25.523	0.485
	Min	22.658	24.139	-2.339
	Std Dev	1.177	0.800	1.338



	19.14_tsr_EN3_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	24.715	24.264	24.608	24.485	24.611	24.929	24.822	24.692	25.500	24.139	24.302
Average	25.996	25.109	25.844	25.857	25.478	25.645	25.252	25.668	26.032	24.843	25.221
Max	27.267	26.808	26.559	27.009	26.614	26.745	26.088	26.488	26.517	25.451	26.107
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

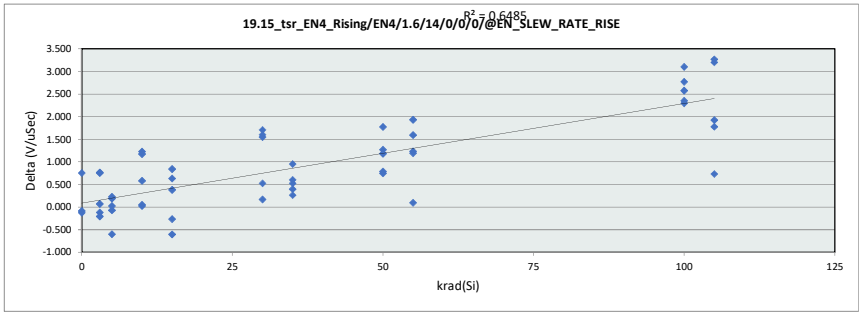


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

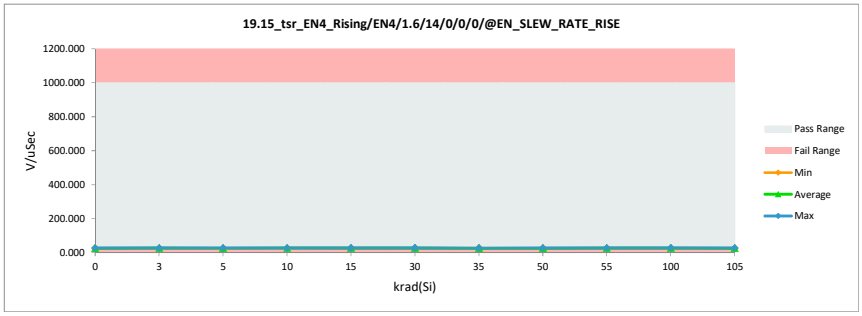
	19.15_tsr_EN4_Rising/EN4	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	26.202	26.115	-0.087
0	14	25.997	26.746	0.749
0	15	26.013	25.883	-0.130
3	20	25.755	26.515	0.760
3	21	27.122	27.000	-0.122
3	22	26.073	26.825	0.752
3	23	25.962	26.028	0.066
3	24	26.555	26.345	-0.210
5	25	25.467	25.392	-0.075
5	26	25.713	25.937	0.224
5	27	26.409	25.807	-0.602
5	28	26.492	26.516	0.024
5	29	25.988	26.175	0.187
10	30	25.122	26.348	1.226
10	31	26.131	26.710	0.579
10	32	26.532	26.555	0.023
10	33	25.764	26.935	1.171
10	34	26.359	26.407	0.048
15	35	25.672	26.050	0.378
15	36	26.228	27.068	0.840
15	37	26.306	26.036	-0.270
15	38	26.239	26.868	0.629
15	39	26.700	26.092	-0.608
30	40	25.772	27.370	1.598
30	41	25.401	25.565	0.164
30	42	25.454	27.159	1.705
30	43	25.772	27.317	1.545
30	44	25.270	25.794	0.524
35	45	25.753	26.352	0.599
35	46	24.717	25.668	0.951
35	47	25.947	26.207	0.260
35	48	25.899	26.294	0.395
35	49	25.357	25.881	0.524
50	50	24.127	25.391	1.264
50	51	24.746	25.488	0.742
50	52	25.036	26.806	1.770
50	53	25.093	25.878	0.785
50	54	25.102	26.278	1.176
55	55	24.945	26.175	1.230
55	56	24.751	26.339	1.588
55	57	24.683	26.612	1.929
55	58	25.214	26.401	1.187
55	59	26.375	26.467	0.092
100	60	23.846	26.417	2.571
100	61	23.276	25.568	2.292
100	62	23.533	25.881	2.348
100	63	24.381	27.480	3.099
100	64	23.832	26.597	2.765
105	65	24.636	26.410	1.774
105	66	25.423	26.153	0.730
105	67	23.156	26.352	3.196
105	68	22.982	26.247	3.265
105	69	24.051	25.973	1.922
	Max	27.122	27.480	3.265
	Average	25.384	26.318	0.935
	Min	22.982	25.391	-0.608
	Std Dev	0.973	0.500	0.981



	19.15_tsr_EN4_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.883	26.028	25.392	26.348	26.036	25.565	25.668	25.391	26.175	25.568	25.973
Average	26.248	26.543	25.965	26.591	26.423	26.641	26.080	25.968	26.399	26.389	26.227
Max	26.746	27.000	26.516	26.935	27.068	27.370	26.352	26.806	26.612	27.480	26.410
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

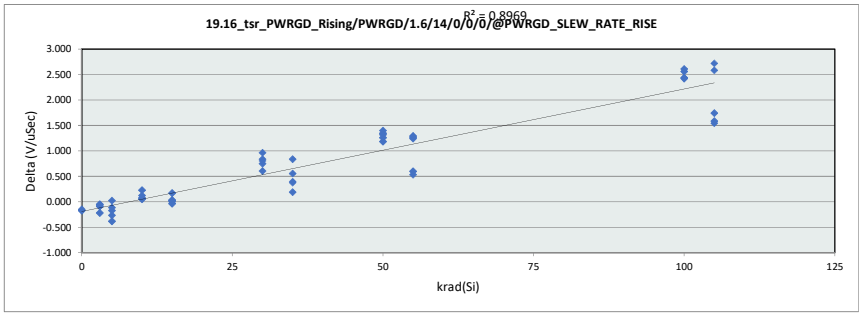


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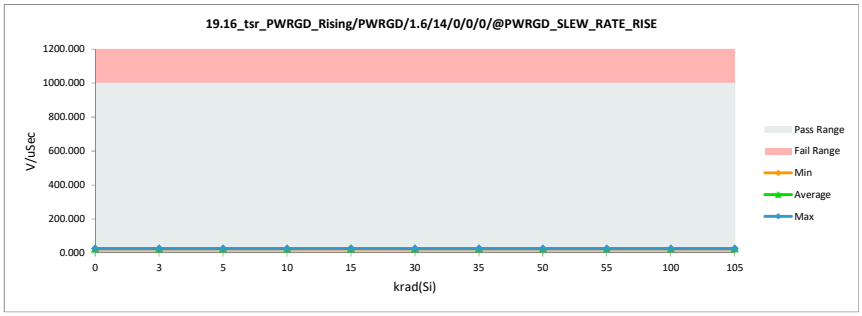
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.16_tsr_PWRGD_Rising	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	25.707	25.526	-0.181
0	14	25.396	25.245	-0.151
0	15	25.498	25.327	-0.171
3	20	25.746	25.656	-0.090
3	21	25.861	25.807	-0.054
3	22	25.259	25.164	-0.095
3	23	25.208	24.987	-0.221
3	24	25.474	25.412	-0.062
5	25	24.986	24.868	-0.118
5	26	24.894	24.914	0.020
5	27	25.450	25.182	-0.268
5	28	25.985	25.598	-0.387
5	29	25.157	24.979	-0.178
10	30	25.013	25.060	0.047
10	31	25.465	25.586	0.121
10	32	25.339	25.564	0.225
10	33	25.255	25.313	0.058
10	34	25.364	25.440	0.076
15	35	25.400	25.430	0.030
15	36	25.378	25.543	0.165
15	37	25.170	25.196	0.026
15	38	25.808	25.808	0.000
15	39	25.679	25.640	-0.039
30	40	25.070	25.673	0.603
30	41	24.129	25.089	0.960
30	42	24.734	25.568	0.834
30	43	24.820	25.566	0.746
30	44	24.322	25.124	0.802
35	45	24.595	25.146	0.551
35	46	24.166	25.000	0.834
35	47	25.185	25.371	0.186
35	48	25.019	25.412	0.393
35	49	24.713	25.085	0.372
50	50	23.723	24.903	1.180
50	51	23.727	25.072	1.345
50	52	24.118	25.375	1.257
50	53	23.647	25.042	1.395
50	54	24.021	25.335	1.314
55	55	23.711	24.980	1.269
55	56	24.105	25.395	1.290
55	57	23.821	25.061	1.240
55	58	24.224	24.754	0.530
55	59	25.093	25.689	0.596
100	60	22.805	25.233	2.428
100	61	22.351	24.787	2.436
100	62	23.065	25.670	2.605
100	63	23.119	25.677	2.558
100	64	22.830	25.248	2.418
105	65	23.825	25.565	1.740
105	66	24.113	25.654	1.541
105	67	22.197	24.914	2.717
105	68	22.470	25.051	2.581
105	69	23.273	24.854	1.581
	Max	25.985	25.808	2.717
	Average	24.556	25.293	0.737
	Min	22.197	24.754	-0.387
	Std Dev	1.001	0.290	0.911



	19.16_tsr_PWRGD_Rising										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	25.245	24.987	24.868	25.060	25.196	25.089	25.000	24.903	24.754	24.787	24.854
Average	25.366	25.405	25.108	25.393	25.523	25.404	25.203	25.145	25.176	25.323	25.208
Max	25.526	25.807	25.598	25.586	25.808	25.673	25.412	25.375	25.689	25.677	25.654
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

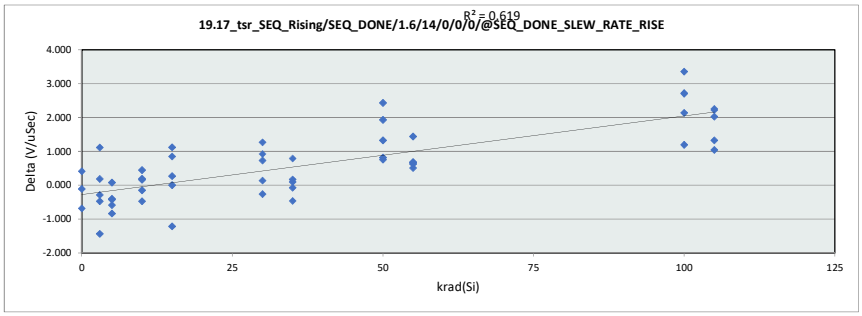


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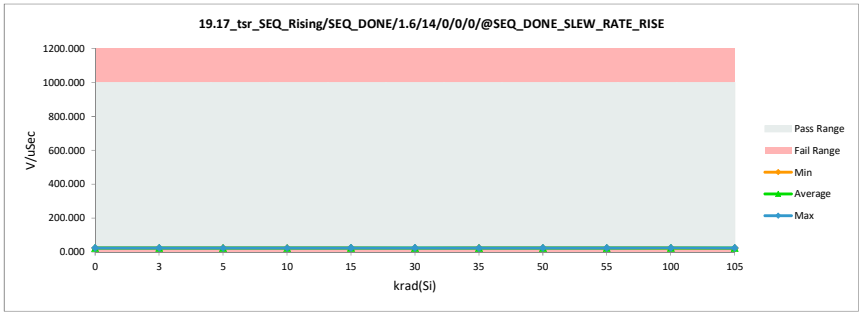
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.17_tsr_SEQ_Rising/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.944	24.349	0.405
0	14	23.982	23.867	-0.115
0	15	24.494	23.804	-0.690
3	20	25.121	23.681	-1.440
3	21	24.872	24.579	-0.293
3	22	24.384	23.906	-0.478
3	23	23.708	23.886	0.178
3	24	23.434	24.543	1.109
5	25	23.568	23.162	-0.406
5	26	23.868	23.937	0.069
5	27	24.419	23.577	-0.842
5	28	24.066	23.476	-0.590
5	29	23.692	23.264	-0.428
10	30	23.635	24.073	0.438
10	31	23.877	24.029	0.152
10	32	23.901	24.090	0.189
10	33	23.423	23.267	-0.156
10	34	24.055	23.575	-0.480
15	35	23.666	23.926	0.260
15	36	23.528	24.638	1.110
15	37	24.143	24.142	-0.001
15	38	23.877	24.720	0.843
15	39	24.905	23.683	-1.222
30	40	24.126	24.257	0.131
30	41	23.200	22.932	-0.268
30	42	23.378	24.100	0.722
30	43	22.930	23.847	0.917
30	44	23.130	24.387	1.257
35	45	23.599	23.689	0.090
35	46	23.001	23.783	0.782
35	47	23.397	23.314	-0.083
35	48	23.585	23.749	0.164
35	49	23.719	23.247	-0.472
50	50	21.405	23.827	2.422
50	51	21.883	23.199	1.316
50	52	23.011	23.760	0.749
50	53	22.854	23.661	0.807
50	54	22.929	24.852	1.923
55	55	21.970	23.403	1.433
55	56	23.314	23.933	0.619
55	57	22.757	23.433	0.676
55	58	23.073	23.574	0.501
55	59	23.528	24.183	0.655
100	60	20.668	24.014	3.346
100	61	22.101	24.231	2.130
100	62	22.020	24.731	2.711
100	63	22.273	24.967	2.694
100	64	22.185	23.373	1.188
105	65	22.596	24.806	2.210
105	66	23.301	24.619	1.318
105	67	21.055	23.071	2.016
105	68	21.900	24.146	2.246
105	69	22.319	23.351	1.032
	Max	25.121	24.967	3.346
	Average	23.279	23.898	0.620
	Min	20.668	22.932	-1.440
	Std Dev	0.953	0.504	1.055



	19.17_tsr_SEQ_Rising/S										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	23.804	23.681	23.162	23.267	23.683	22.932	23.247	23.199	23.403	23.373	23.071
Average	24.007	24.119	23.483	23.807	24.222	23.905	23.556	23.860	23.705	24.263	23.999
Max	24.349	24.579	23.937	24.090	24.720	24.387	23.783	24.852	24.183	24.967	24.806
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

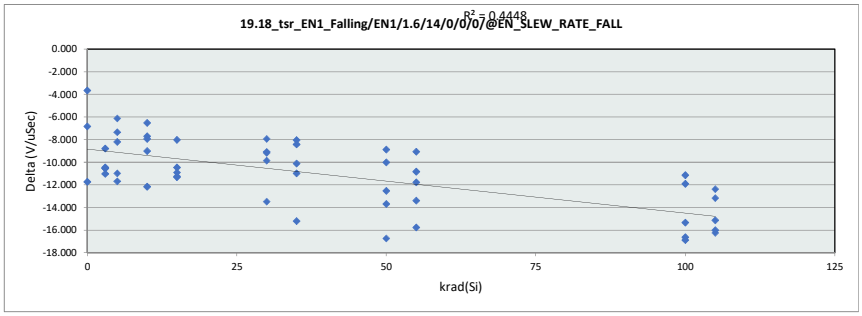


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

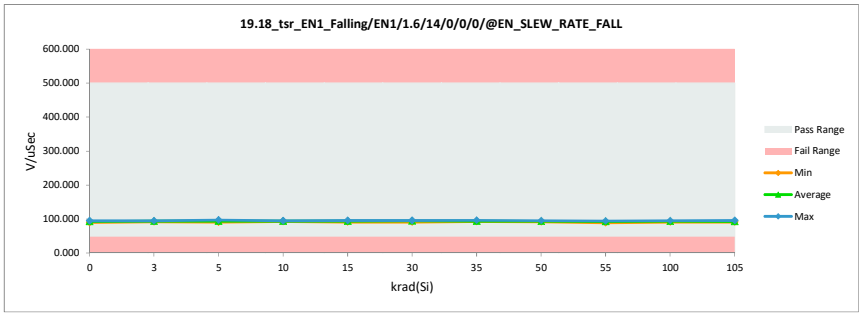
	19.18_tsr_EN1_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	101.219	89.464	-11.755
0	14	99.957	93.106	-6.851
0	15	98.044	94.369	-3.675
3	20	104.780	94.298	-10.482
3	21	101.652	92.837	-8.815
3	22	104.052	93.491	-10.561
3	23	102.266	91.710	-10.556
3	24	105.322	94.278	-11.044
5	25	102.301	90.587	-11.714
5	26	102.044	94.676	-7.368
5	27	102.933	96.782	-6.151
5	28	102.784	94.556	-8.228
5	29	102.181	91.170	-11.011
10	30	101.621	92.587	-9.034
10	31	101.678	93.724	-7.954
10	32	102.346	94.631	-7.715
10	33	100.621	94.076	-6.545
10	34	105.607	93.425	-12.182
15	35	103.069	91.723	-11.346
15	36	106.116	95.631	-10.485
15	37	103.476	95.437	-8.039
15	38	105.172	94.249	-10.923
15	39	102.187	90.916	-11.271
30	40	103.341	94.143	-9.198
30	41	103.462	94.360	-9.102
30	42	104.950	95.066	-9.884
30	43	103.495	95.539	-7.956
30	44	104.671	91.160	-13.511
35	45	103.983	92.982	-11.001
35	46	109.098	93.876	-15.222
35	47	100.927	92.872	-8.055
35	48	100.502	92.061	-8.441
35	49	106.331	96.198	-10.133
50	50	102.920	94.015	-8.905
50	51	104.309	91.758	-12.551
50	52	102.720	92.687	-10.033
50	53	108.946	92.189	-16.757
50	54	108.717	94.999	-13.718
55	55	106.614	93.200	-13.414
55	56	105.135	93.341	-11.794
55	57	105.068	94.215	-10.853
55	58	101.487	92.403	-9.084
55	59	104.623	88.835	-15.788
100	60	108.461	91.562	-16.899
100	61	110.153	93.500	-16.653
100	62	106.401	95.232	-11.169
100	63	104.853	92.918	-11.935
100	64	106.607	91.253	-15.354
105	65	107.782	91.752	-16.030
105	66	108.041	92.886	-15.155
105	67	107.572	91.297	-16.275
105	68	107.987	95.589	-12.398
105	69	105.248	92.055	-13.193
	Max	110.153	96.782	-3.675
	Average	104.261	93.239	-11.022
	Min	98.044	88.835	-16.899
	Std Dev	2.669	1.691	3.034



	19.18_tsr_EN1_Falling/E	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	89.464	91.710	90.587	92.587	90.916	91.160	92.061	91.758	88.835	91.253	91.297
Average	92.313	93.323	93.554	93.689	93.591	94.054	93.598	93.130	92.399	92.893	92.716
Max	94.369	94.298	96.782	94.631	95.631	95.539	96.198	94.999	94.215	95.232	95.589
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

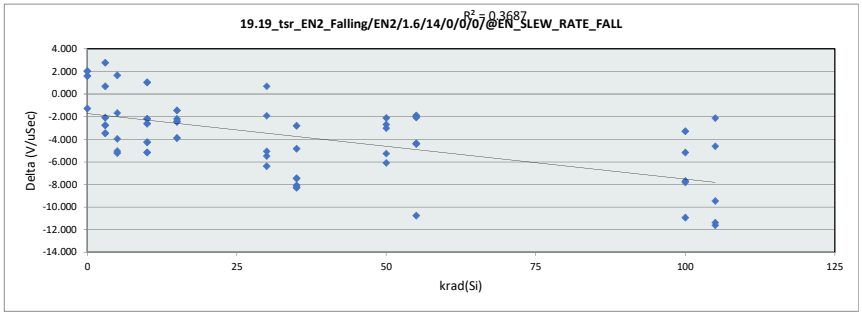


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

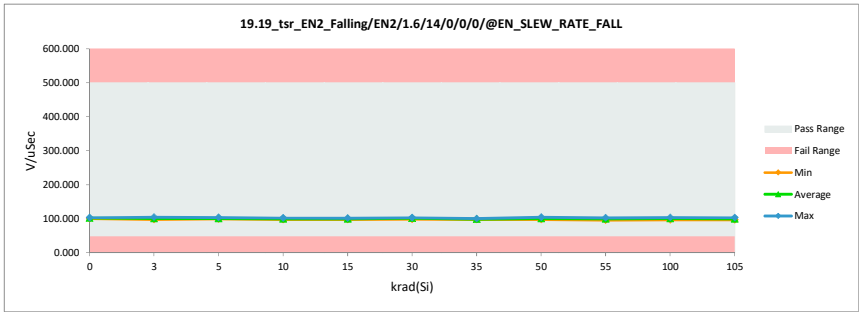
	19.19_tsr_EN2_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	100.023	102.019	1.996
0	14	101.078	99.788	-1.290
0	15	101.402	102.970	1.568
3	20	102.590	99.104	-3.486
3	21	100.313	97.527	-2.786
3	22	101.419	104.167	2.748
3	23	99.306	99.964	0.658
3	24	102.816	100.713	-2.103
5	25	100.569	98.871	-1.698
5	26	105.088	101.094	-3.994
5	27	103.875	98.813	-5.062
5	28	101.772	103.401	1.629
5	29	104.176	98.933	-5.243
10	30	100.682	101.701	1.019
10	31	101.835	99.629	-2.206
10	32	102.694	100.056	-2.638
10	33	102.749	97.563	-5.186
10	34	101.912	97.630	-4.282
15	35	101.778	99.551	-2.227
15	36	103.928	101.445	-2.483
15	37	99.183	97.714	-1.469
15	38	101.470	97.549	-3.921
15	39	103.287	100.851	-2.436
30	40	105.976	100.887	-5.089
30	41	99.806	97.861	-1.945
30	42	105.098	99.594	-5.504
30	43	102.312	102.976	0.664
30	44	108.126	101.718	-6.408
35	45	104.726	97.253	-7.473
35	46	107.840	99.724	-8.116
35	47	104.854	99.999	-4.855
35	48	105.799	97.492	-8.307
35	49	101.000	98.172	-2.828
50	50	102.054	96.772	-5.282
50	51	105.765	103.636	-2.129
50	52	104.331	101.625	-2.706
50	53	102.432	99.384	-3.048
50	54	105.424	99.318	-6.106
55	55	102.796	100.869	-1.927
55	56	106.363	95.594	-10.769
55	57	104.865	100.439	-4.426
55	58	102.188	97.796	-4.392
55	59	104.300	102.212	-2.088
100	60	111.001	103.286	-7.715
100	61	103.571	98.382	-5.189
100	62	106.940	95.983	-10.957
100	63	106.615	103.306	-3.309
100	64	107.905	100.076	-7.829
105	65	107.580	102.936	-4.644
105	66	107.982	96.596	-11.386
105	67	109.043	97.412	-11.631
105	68	108.184	98.699	-9.485
105	69	104.216	102.069	-2.147
	Max	111.001	104.167	2.748
	Average	103.831	99.870	-3.961
	Min	99.183	95.594	-11.631
	Std Dev	2.762	2.181	3.423



	19.19_tsr_EN2_Falling/E	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	99.788	97.527	98.813	97.563	97.549	97.861	97.253	96.772	95.594	95.983	96.596
Average	101.592	100.295	100.222	99.316	99.422	100.607	98.528	####	99.382	####	99.542
Max	102.970	104.167	103.401	101.701	####	102.976	99.999	####	102.212	####	102.936
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

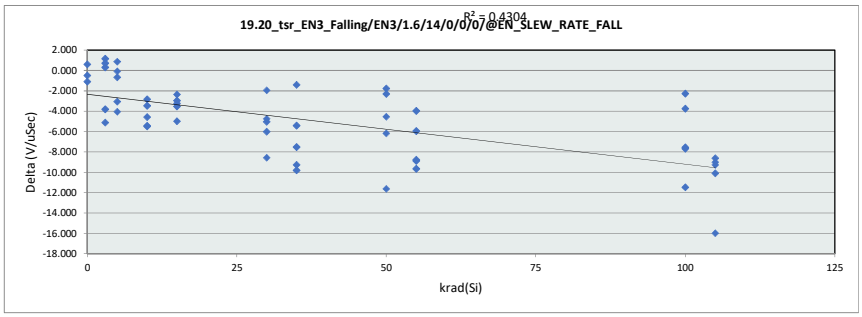


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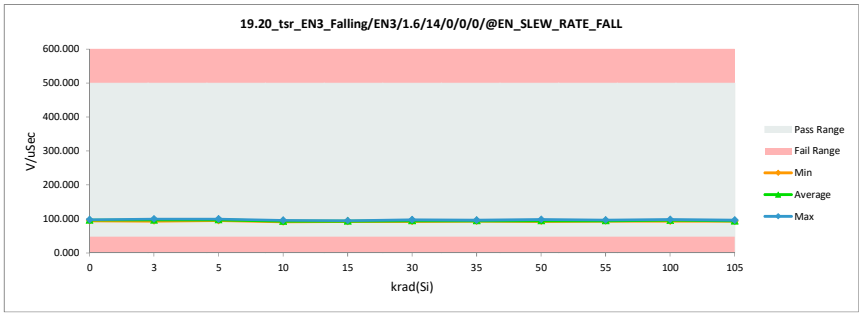
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.20_tsr_EN3_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.550	97.419	-1.131
0	14	97.311	97.881	0.570
0	15	95.453	94.928	-0.525
3	20	96.564	97.701	1.137
3	21	101.262	96.117	-5.145
3	22	99.260	99.536	0.276
3	23	97.476	93.642	-3.834
3	24	97.278	97.962	0.684
5	25	98.705	98.008	-0.697
5	26	98.787	99.621	0.834
5	27	99.517	95.436	-4.081
5	28	100.553	97.468	-3.085
5	29	97.451	97.345	-0.106
10	30	96.791	93.303	-3.488
10	31	96.959	91.442	-5.517
10	32	98.465	93.864	-4.601
10	33	96.060	93.204	-2.856
10	34	101.307	95.848	-5.459
15	35	95.356	92.369	-2.987
15	36	98.198	94.925	-3.273
15	37	95.527	93.137	-2.390
15	38	99.481	94.471	-5.010
15	39	98.452	94.892	-3.560
30	40	101.512	96.449	-5.063
30	41	101.288	92.685	-8.603
30	42	99.530	94.758	-4.772
30	43	99.173	97.193	-1.980
30	44	99.352	93.300	-6.052
35	45	96.266	94.836	-1.430
35	46	101.902	96.468	-5.434
35	47	102.720	93.418	-9.302
35	48	103.263	95.718	-7.545
35	49	103.047	93.213	-9.834
50	50	99.035	92.819	-6.216
50	51	99.958	97.630	-2.328
50	52	97.905	93.329	-4.576
50	53	99.875	98.076	-1.799
50	54	105.017	93.364	-11.653
55	55	104.442	95.534	-8.908
55	56	102.720	93.925	-8.795
55	57	103.524	93.829	-9.695
55	58	98.633	94.630	-4.003
55	59	102.635	96.661	-5.974
100	60	105.905	98.323	-7.582
100	61	100.306	96.537	-3.769
100	62	101.061	93.353	-7.708
100	63	104.822	93.319	-11.503
100	64	98.865	96.561	-2.304
105	65	102.539	93.502	-9.037
105	66	102.161	93.510	-8.651
105	67	105.451	96.153	-9.298
105	68	110.190	94.171	-16.019
105	69	105.574	95.445	-10.129
	Max	110.190	99.621	1.137
	Average	100.253	95.268	-4.985
	Min	95.356	91.442	-16.019
	Std Dev	3.152	1.999	3.752



	19.20_tsr_EN3_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	94.928	93.642	95.436	91.442	92.369	92.685	93.213	92.819	93.829	93.319	93.502
Average	96.743	96.992	97.576	93.532	93.959	94.877	94.731	95.044	94.916	95.619	94.556
Max	97.881	99.536	99.621	95.848	94.925	97.193	96.468	98.076	96.661	98.323	96.153
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

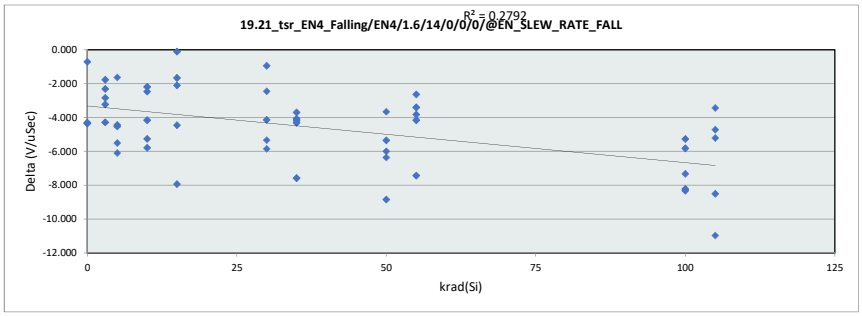


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

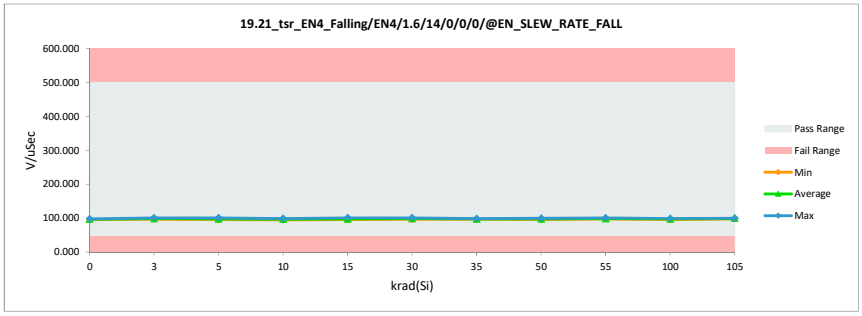
	19.21_tsr_EN4_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	98.450	97.736	-0.714
0	14	99.587	95.282	-4.305
0	15	100.603	96.258	-4.345
3	20	99.919	97.601	-2.318
3	21	102.492	99.264	-3.228
3	22	102.566	100.795	-1.771
3	23	101.120	96.831	-4.289
3	24	99.718	96.872	-2.846
5	25	102.588	98.056	-4.532
5	26	102.973	97.469	-5.504
5	27	103.776	97.682	-6.094
5	28	102.649	101.008	-1.641
5	29	99.996	95.545	-4.451
10	30	101.439	98.972	-2.467
10	31	100.632	94.844	-5.788
10	32	101.400	97.240	-4.160
10	33	98.643	96.448	-2.195
10	34	102.475	97.210	-5.265
15	35	97.266	97.150	-0.116
15	36	99.695	97.583	-2.112
15	37	100.195	95.740	-4.455
15	38	104.400	96.466	-7.934
15	39	102.994	101.325	-1.669
30	40	104.853	100.711	-4.142
30	41	101.592	96.252	-5.340
30	42	100.680	99.732	-0.948
30	43	102.093	99.642	-2.451
30	44	102.170	96.315	-5.855
35	45	102.664	98.960	-3.704
35	46	101.563	97.481	-4.082
35	47	101.413	97.098	-4.315
35	48	104.447	96.863	-7.584
35	49	100.689	96.500	-4.189
50	50	104.728	99.375	-5.353
50	51	103.547	97.545	-6.002
50	52	101.842	95.481	-6.361
50	53	105.256	96.406	-8.850
50	54	103.366	99.703	-3.663
55	55	101.271	97.865	-3.406
55	56	105.550	98.114	-7.436
55	57	103.439	100.800	-2.639
55	58	101.940	97.780	-4.160
55	59	101.590	97.762	-3.828
100	60	105.356	99.537	-5.819
100	61	102.607	97.332	-5.275
100	62	105.226	96.909	-8.317
100	63	105.145	96.930	-8.215
100	64	102.682	95.357	-7.325
105	65	103.108	99.674	-3.434
105	66	104.772	99.556	-5.216
105	67	109.112	98.145	-10.967
105	68	107.730	99.229	-8.501
105	69	103.673	98.948	-4.725
	Max	109.112	101.325	-0.116
	Average	102.447	97.837	-4.609
	Min	97.266	94.844	-10.967
	Std Dev	2.259	1.622	2.265



	19.21_tsr_EN4_Falling/E	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	95.282	96.831	95.545	94.844	95.740	96.252	96.500	95.481	97.762	95.357	98.145
Average	96.425	98.273	97.952	96.943	97.653	98.530	97.380	97.702	98.464	97.213	99.110
Max	97.736	100.795	101.008	98.972	####	100.711	98.960	99.703	100.800	99.537	99.674
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

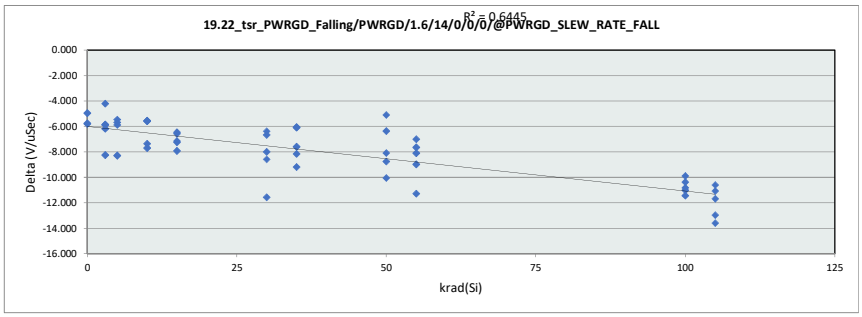


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

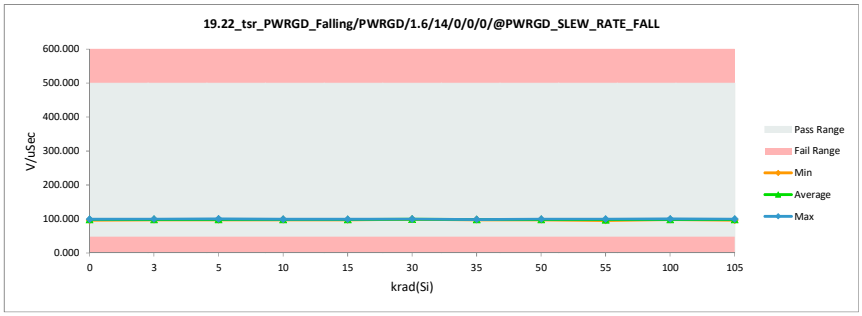
	19.22_tsr_PWRGD_Falling	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	104.016	98.205	-5.811
0	14	102.398	96.641	-5.757
0	15	104.281	99.323	-4.958
3	20	103.568	99.352	-4.216
3	21	105.978	97.713	-8.265
3	22	105.188	99.331	-5.857
3	23	104.210	98.016	-6.194
3	24	104.059	98.169	-5.890
5	25	105.870	97.551	-8.319
5	26	106.687	98.399	-8.288
5	27	103.376	97.484	-5.892
5	28	104.376	98.898	-5.478
5	29	105.644	99.949	-5.695
10	30	106.631	98.916	-7.715
10	31	103.298	97.721	-5.577
10	32	105.534	98.159	-7.375
10	33	103.384	97.838	-5.546
10	34	104.036	98.437	-5.599
15	35	104.780	97.518	-7.262
15	36	105.228	97.298	-7.930
15	37	103.530	97.065	-6.465
15	38	105.793	98.639	-7.154
15	39	105.915	99.335	-6.580
30	40	110.249	98.670	-11.579
30	41	107.119	99.110	-8.009
30	42	105.972	99.590	-6.382
30	43	105.400	98.726	-6.674
30	44	107.570	98.972	-8.598
35	45	105.597	97.431	-8.166
35	46	106.728	97.526	-9.202
35	47	104.423	98.367	-6.056
35	48	106.013	98.411	-7.602
35	49	104.045	97.941	-6.104
50	50	107.491	97.422	-10.069
50	51	105.516	99.139	-6.377
50	52	104.269	99.159	-5.110
50	53	106.904	98.803	-8.101
50	54	108.217	99.450	-8.767
55	55	107.272	98.287	-8.985
55	56	106.616	95.317	-11.299
55	57	106.701	99.685	-7.016
55	58	106.042	97.929	-8.113
55	59	105.356	97.701	-7.655
100	60	111.168	100.139	-11.029
100	61	108.768	97.936	-10.832
100	62	108.363	98.459	-9.904
100	63	109.938	98.490	-11.448
100	64	108.453	98.064	-10.389
105	65	108.451	97.370	-11.081
105	66	109.992	99.384	-10.608
105	67	110.109	97.122	-12.987
105	68	112.566	98.955	-13.611
105	69	108.525	96.824	-11.701
	Max	112.566	100.139	-4.216
	Average	106.257	98.308	-7.949
	Min	102.398	95.317	-13.611
	Std Dev	2.236	0.934	2.261



	19.22_tsr_PWRGD_Fallin	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	96.641	97.713	97.484	97.721	97.065	98.670	97.431	97.422	95.317	97.936	96.824
Average	98.056	98.516	98.456	98.214	97.971	99.014	97.935	98.795	97.784	98.618	97.931
Max	99.323	99.352	99.949	98.916	99.335	99.590	98.411	99.450	99.685	####	99.384
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

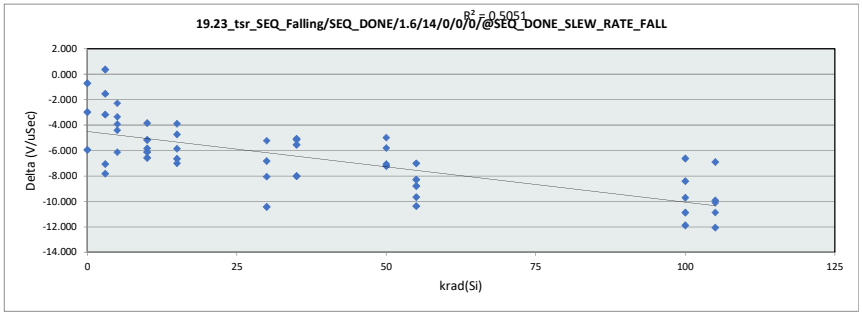


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

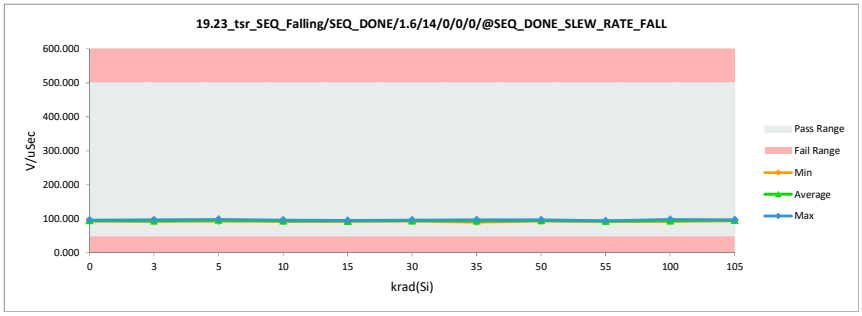
	19.23_tsr_SEQ_Falling/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	97.941	91.987	-5.954
0	14	96.143	95.411	-0.732
0	15	99.201	96.214	-2.987
3	20	98.178	91.108	-7.070
3	21	100.052	92.221	-7.831
3	22	98.240	96.687	-1.553
3	23	95.030	95.389	0.359
3	24	96.830	93.645	-3.185
5	25	99.889	95.474	-4.415
5	26	101.947	98.015	-3.932
5	27	98.520	92.377	-6.143
5	28	99.965	96.607	-3.358
5	29	99.090	96.795	-2.295
10	30	99.887	96.029	-3.858
10	31	99.613	93.478	-6.135
10	32	98.743	92.158	-6.585
10	33	97.248	91.403	-5.845
10	34	99.554	94.379	-5.175
15	35	98.346	91.684	-6.662
15	36	98.333	94.433	-3.900
15	37	99.896	92.894	-7.002
15	38	98.867	94.120	-4.747
15	39	98.536	92.668	-5.868
30	40	101.533	96.296	-5.237
30	41	101.768	94.928	-6.840
30	42	104.511	94.072	-10.439
30	43	103.289	92.844	-10.445
30	44	101.092	93.022	-8.070
35	45	97.902	89.893	-8.009
35	46	100.302	92.275	-8.027
35	47	98.692	93.613	-5.079
35	48	101.933	96.375	-5.558
35	49	100.929	95.783	-5.146
50	50	101.534	95.717	-5.817
50	51	100.772	93.706	-7.066
50	52	99.714	92.503	-7.211
50	53	100.662	95.676	-4.986
50	54	103.571	96.348	-7.223
55	55	101.746	92.077	-9.669
55	56	101.512	91.131	-10.381
55	57	101.713	92.919	-8.794
55	58	102.553	94.251	-8.302
55	59	99.729	92.711	-7.018
100	60	105.732	94.847	-10.885
100	61	104.460	97.816	-6.644
100	62	105.185	93.285	-11.900
100	63	102.502	92.789	-9.713
100	64	99.817	91.404	-8.413
105	65	103.374	93.439	-9.935
105	66	104.786	94.666	-10.120
105	67	105.265	94.382	-10.883
105	68	108.443	96.374	-12.069
105	69	102.892	95.981	-6.911
	Max	108.443	98.015	0.359
	Average	100.716	94.081	-6.635
	Min	95.030	89.893	-12.069
	Std Dev	2.654	1.913	2.802



	19.23_tsr_SEQ_Falling/S	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	91.987	91.108	92.377	91.403	91.684	92.844	89.893	92.503	91.131	91.404	93.439
Average	94.537	93.810	95.854	93.489	93.160	94.232	93.588	94.790	92.618	94.028	94.968
Max	96.214	96.687	98.015	96.029	94.433	96.296	96.375	96.348	94.251	97.816	96.374
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

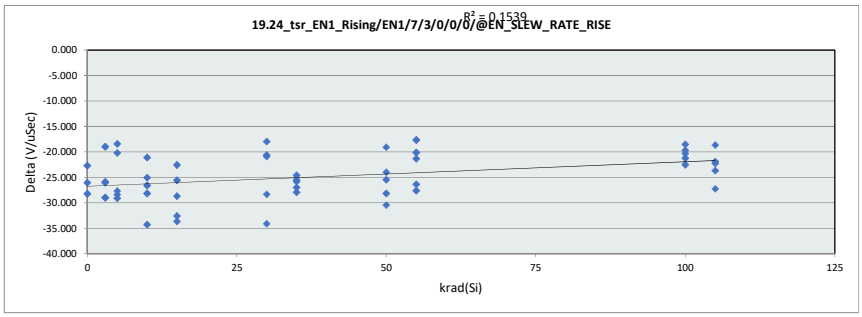


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

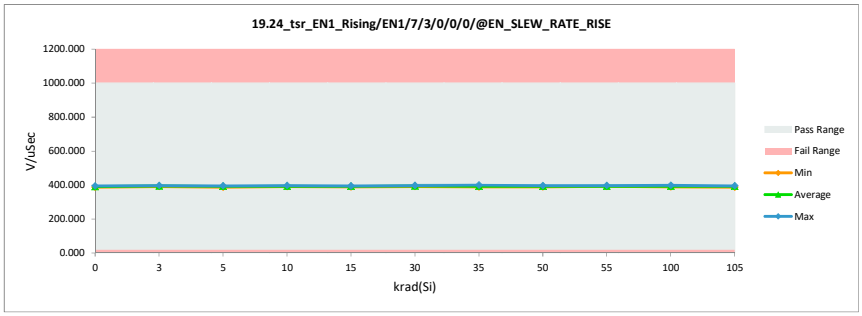
	19.24_tsr_EN1_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	420.185	394.095	-26.090
0	14	415.277	387.013	-28.264
0	15	412.430	389.685	-22.745
3	20	422.931	396.995	-25.936
3	21	425.481	396.490	-28.991
3	22	412.372	393.345	-19.027
3	23	417.165	391.083	-26.082
3	24	422.641	393.595	-29.046
5	25	422.281	394.566	-27.715
5	26	415.815	386.663	-29.152
5	27	414.307	394.071	-20.236
5	28	419.746	391.320	-28.426
5	29	411.528	393.074	-18.454
10	30	418.484	391.836	-26.648
10	31	422.723	394.518	-28.205
10	32	424.103	389.791	-34.312
10	33	411.176	390.023	-21.153
10	34	422.113	396.994	-25.119
15	35	423.045	389.331	-33.714
15	36	417.899	392.278	-25.621
15	37	422.464	393.745	-28.719
15	38	424.913	392.276	-32.637
15	39	416.972	394.354	-22.618
30	40	425.367	396.981	-28.386
30	41	411.538	390.588	-20.950
30	42	417.772	397.114	-20.658
30	43	414.532	396.524	-18.008
30	44	424.771	390.610	-34.161
35	45	418.724	390.749	-27.975
35	46	413.958	389.309	-24.649
35	47	424.790	399.247	-25.543
35	48	413.527	387.679	-25.848
35	49	418.023	390.990	-27.033
50	50	419.648	389.142	-30.506
50	51	415.126	396.014	-19.112
50	52	416.896	391.396	-25.500
50	53	415.893	391.883	-24.010
50	54	420.172	391.954	-28.218
55	55	409.215	391.517	-17.698
55	56	417.803	391.384	-26.419
55	57	414.530	394.374	-20.156
55	58	419.408	391.751	-27.657
55	59	418.152	396.789	-21.363
100	60	413.599	393.222	-20.377
100	61	411.118	388.568	-22.550
100	62	414.463	394.735	-19.728
100	63	416.072	397.512	-18.560
100	64	410.574	389.311	-21.263
105	65	417.010	395.078	-21.932
105	66	413.650	394.960	-18.690
105	67	413.916	386.620	-27.296
105	68	415.545	391.814	-23.731
105	69	414.142	391.845	-22.297
	Max	425.481	399.247	-17.698
	Average	417.471	392.581	-24.890
	Min	409.215	386.620	-34.312
	Std Dev	4.400	3.038	4.386



	19.24_tsr_EN1_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	387.013	391.083	386.663	389.791	####	390.588	####	####	391.384	####	386.620
Average	390.264	394.302	391.939	392.632	####	394.363	####	####	393.163	####	392.063
Max	394.095	396.995	394.566	396.994	####	397.114	####	####	396.789	####	395.078
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

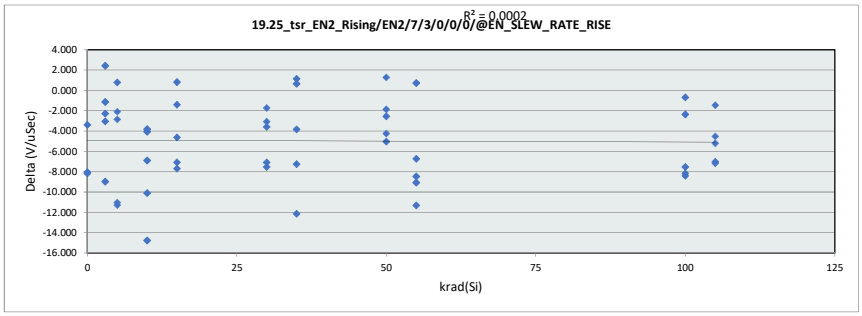


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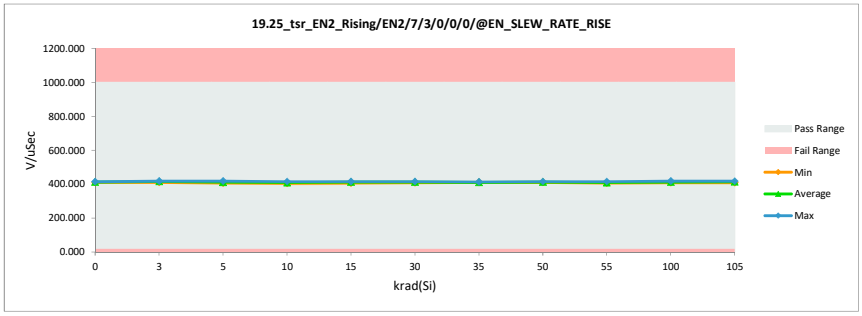
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.25_tsr_EN2_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	422.405	414.349	-8.056
0	14	413.792	410.381	-3.411
0	15	422.750	414.564	-8.186
3	20	416.415	418.831	2.416
3	21	420.739	418.454	-2.285
3	22	414.027	410.964	-3.063
3	23	418.777	417.628	-1.149
3	24	421.828	412.847	-8.981
5	25	419.630	408.329	-11.301
5	26	417.347	406.304	-11.043
5	27	417.581	418.351	0.770
5	28	416.291	413.432	-2.859
5	29	414.047	411.935	-2.112
10	30	415.204	405.088	-10.116
10	31	413.441	406.529	-6.912
10	32	421.163	406.374	-14.789
10	33	419.721	415.886	-3.835
10	34	419.388	415.315	-4.073
15	35	411.786	407.149	-4.637
15	36	422.154	414.452	-7.702
15	37	421.222	414.130	-7.092
15	38	414.578	415.377	0.799
15	39	413.882	412.456	-1.426
30	40	416.883	413.285	-3.598
30	41	423.260	415.713	-7.547
30	42	413.317	411.586	-1.731
30	43	418.559	415.459	-3.100
30	44	416.133	409.022	-7.111
35	45	409.828	410.462	0.634
35	46	418.146	410.885	-7.261
35	47	423.418	411.271	-12.147
35	48	409.325	410.460	1.135
35	49	417.487	413.648	-3.839
50	50	413.465	410.891	-2.574
50	51	417.619	412.565	-5.054
50	52	417.032	412.784	-4.248
50	53	414.948	413.065	-1.883
50	54	414.925	416.183	1.258
55	55	416.371	407.894	-8.477
55	56	412.636	405.888	-6.748
55	57	414.688	415.397	0.709
55	58	421.934	410.609	-11.325
55	59	417.943	408.860	-9.083
100	60	416.369	415.659	-0.710
100	61	418.028	410.486	-7.542
100	62	420.655	418.276	-2.379
100	63	417.754	409.347	-8.407
100	64	418.150	409.970	-8.180
105	65	418.811	417.332	-1.479
105	66	418.075	413.549	-4.526
105	67	419.683	412.498	-7.185
105	68	421.622	414.577	-7.045
105	69	414.180	408.965	-5.215
	Max	423.418	418.831	2.416
	Average	417.347	412.372	-4.975
	Min	409.325	405.088	-14.789
	Std Dev	3.408	3.551	3.962



	19.25_tsr_EN2_Rising/E										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	410.381	410.964	406.304	405.088	####	409.022	####	####	405.888	####	408.965
Average	413.098	415.745	411.670	409.838	####	413.013	####	####	409.730	####	413.384
Max	414.564	418.831	418.351	415.886	####	415.713	####	####	415.397	####	417.332
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

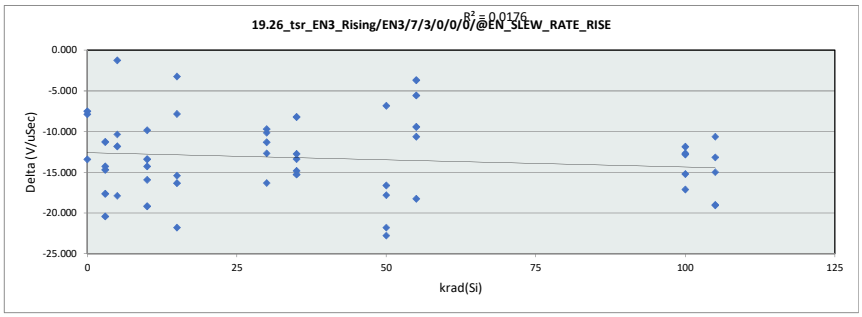


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

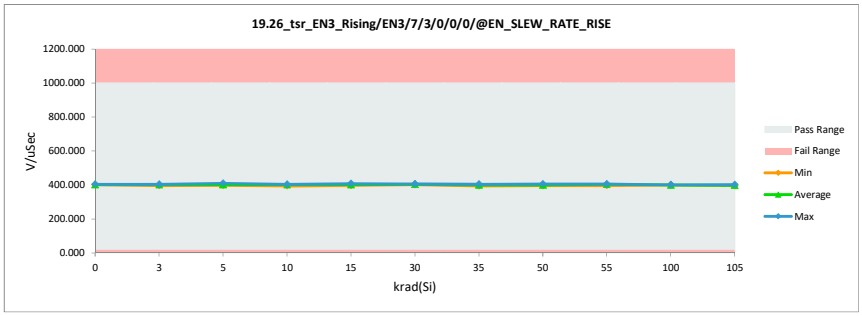
	19.26_tsr_EN3_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	410.555	402.639	-7.916
0	14	415.049	401.593	-13.456
0	15	411.661	404.129	-7.532
3	20	417.907	403.610	-14.297
3	21	420.491	402.802	-17.689
3	22	413.827	402.519	-11.308
3	23	411.737	396.991	-14.746
3	24	419.736	399.268	-20.468
5	25	415.797	397.876	-17.921
5	26	410.770	400.394	-10.376
5	27	414.480	402.646	-11.834
5	28	411.537	410.257	-1.280
5	29	411.461	399.583	-11.878
10	30	413.473	394.269	-19.204
10	31	413.395	403.517	-9.878
10	32	417.189	403.767	-13.422
10	33	417.517	401.558	-15.959
10	34	416.859	402.559	-14.300
15	35	406.661	398.797	-7.864
15	36	419.435	403.072	-16.363
15	37	413.819	398.358	-15.461
15	38	411.461	408.183	-3.278
15	39	419.272	397.441	-21.831
30	40	419.139	402.788	-16.351
30	41	414.372	404.647	-9.725
30	42	414.833	403.490	-11.343
30	43	415.427	405.240	-10.187
30	44	414.705	401.994	-12.711
35	45	413.882	401.106	-12.776
35	46	407.650	394.250	-13.400
35	47	416.695	401.390	-15.305
35	48	412.844	404.613	-8.231
35	49	415.187	400.332	-14.855
50	50	409.968	403.097	-6.871
50	51	412.943	395.102	-17.841
50	52	417.941	395.137	-22.804
50	53	419.595	397.771	-21.824
50	54	423.441	406.784	-16.657
55	55	409.878	404.272	-5.606
55	56	407.355	403.630	-3.725
55	57	415.895	405.231	-10.664
55	58	415.143	396.855	-18.288
55	59	415.118	405.663	-9.455
100	60	413.047	401.154	-11.893
100	61	411.845	399.128	-12.717
100	62	415.008	399.757	-15.251
100	63	417.086	399.940	-17.146
100	64	413.508	400.679	-12.829
105	65	414.656	395.568	-19.088
105	66	412.695	402.020	-10.675
105	67	416.841	401.813	-15.028
105	68	416.767	397.732	-19.035
105	69	410.406	397.211	-13.195
	Max	423.441	410.257	-1.280
	Average	414.490	401.212	-13.278
	Min	406.661	394.250	-22.804
	Std Dev	3.465	3.509	4.783



	19.26_tsr_EN3_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	401.593	396.991	397.876	394.269	####	401.994	####	####	396.855	####	395.568
Average	402.787	401.038	402.151	401.134	####	403.632	####	####	403.130	####	398.869
Max	404.129	403.610	410.257	403.767	####	405.240	####	####	405.663	####	402.020
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

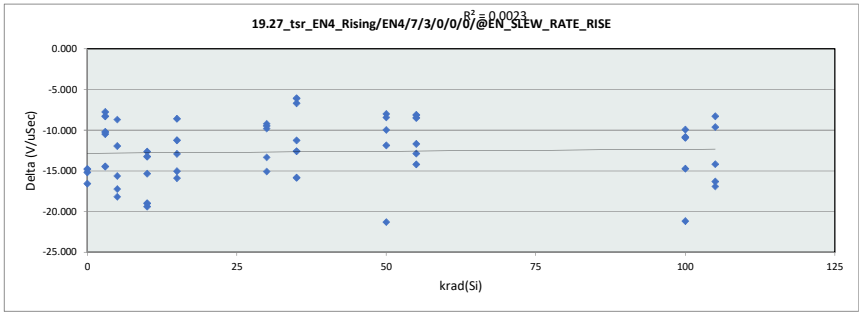


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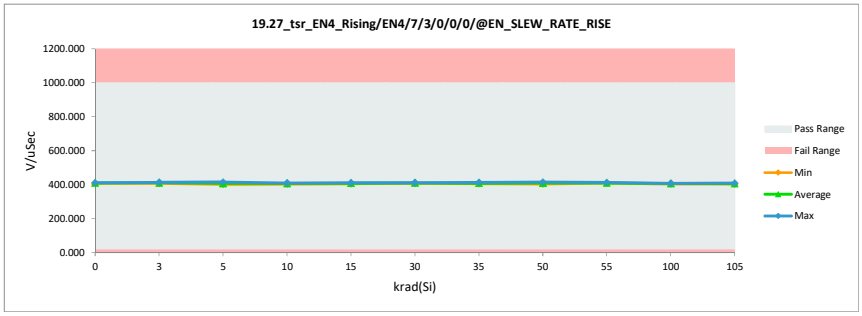
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.27_tsr_EN4_Rising/EN4	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	424.667	409.879	-14.788
0	14	423.144	407.963	-15.181
0	15	427.600	411.027	-16.573
3	20	418.561	408.069	-10.492
3	21	424.108	413.877	-10.231
3	22	415.657	407.363	-8.294
3	23	423.289	408.814	-14.475
3	24	421.948	414.171	-7.777
5	25	419.895	401.707	-18.188
5	26	416.451	407.745	-8.706
5	27	423.992	408.346	-15.646
5	28	426.980	415.014	-11.966
5	29	419.479	402.245	-17.234
10	30	417.484	404.238	-13.246
10	31	426.811	407.405	-19.406
10	32	421.903	406.545	-15.358
10	33	425.430	406.450	-18.980
10	34	422.474	409.841	-12.633
15	35	419.392	410.791	-8.601
15	36	423.783	407.879	-15.904
15	37	420.652	405.614	-15.038
15	38	422.427	409.507	-12.920
15	39	420.521	409.272	-11.249
30	40	422.068	408.719	-13.349
30	41	420.884	411.079	-9.805
30	42	425.657	410.576	-15.081
30	43	421.183	411.957	-9.226
30	44	417.318	407.836	-9.482
35	45	419.853	407.262	-12.591
35	46	420.671	409.406	-11.265
35	47	419.492	412.783	-6.709
35	48	421.654	405.817	-15.837
35	49	412.605	406.506	-6.099
50	50	415.403	406.961	-8.442
50	51	422.815	410.928	-11.887
50	52	425.030	403.726	-21.304
50	53	420.912	410.932	-9.980
50	54	423.349	415.343	-8.006
55	55	423.000	408.801	-14.199
55	56	418.805	410.293	-8.512
55	57	420.748	412.603	-8.145
55	58	421.643	408.766	-12.877
55	59	423.477	411.779	-11.698
100	60	422.464	407.720	-14.744
100	61	416.900	405.967	-10.933
100	62	418.070	408.130	-9.940
100	63	425.632	404.446	-21.186
100	64	418.672	407.812	-10.860
105	65	416.978	407.354	-9.624
105	66	419.935	403.004	-16.931
105	67	417.367	409.067	-8.300
105	68	422.002	407.818	-14.184
105	69	421.948	405.638	-16.310
	Max	427.600	415.343	-6.099
	Average	421.192	408.543	-12.649
	Min	412.605	401.707	-21.304
	Std Dev	3.193	3.034	3.746



	19.27_tsr_EN4_Rising/E										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	407.963	407.363	401.707	404.238	####	407.836	####	####	408.766	####	403.004
Average	409.623	410.459	407.011	406.896	####	410.033	####	####	410.448	####	406.576
Max	411.027	414.171	415.014	409.841	####	411.957	####	####	412.603	####	409.067
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

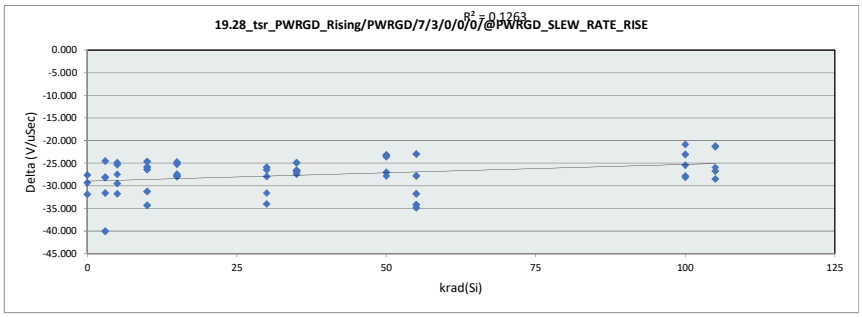


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

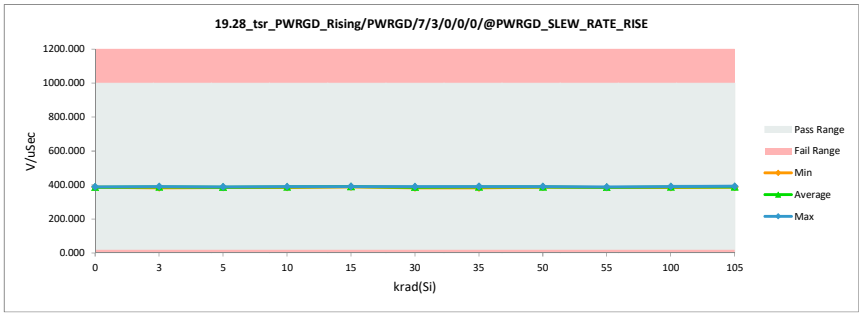
	19.28_tsr_PWRGD_Rising	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	416.962	387.629	-29.333
0	14	421.038	389.118	-31.920
0	15	414.293	386.646	-27.647
3	20	419.559	391.418	-28.141
3	21	413.359	388.803	-24.556
3	22	423.610	383.554	-40.056
3	23	420.410	388.803	-31.607
3	24	415.834	387.667	-28.167
5	25	416.260	384.477	-31.783
5	26	414.990	387.480	-27.510
5	27	413.742	388.388	-25.354
5	28	418.662	389.129	-29.533
5	29	414.231	389.349	-24.882
10	30	411.544	385.119	-26.425
10	31	414.425	388.582	-25.843
10	32	421.787	387.443	-34.344
10	33	414.555	389.887	-24.668
10	34	421.826	390.544	-31.282
15	35	415.011	390.250	-24.761
15	36	415.947	388.486	-27.461
15	37	416.360	391.158	-25.202
15	38	418.388	390.408	-27.980
15	39	419.085	391.245	-27.840
30	40	417.783	383.745	-34.038
30	41	416.602	384.995	-31.607
30	42	415.092	388.589	-26.503
30	43	418.256	390.286	-27.970
30	44	414.151	388.251	-25.900
35	45	415.024	388.388	-26.636
35	46	409.804	382.346	-27.458
35	47	418.127	391.243	-26.884
35	48	417.691	391.064	-26.627
35	49	414.035	389.128	-24.907
50	50	411.250	387.666	-23.584
50	51	413.265	390.043	-23.222
50	52	414.140	390.912	-23.228
50	53	415.457	387.597	-27.860
50	54	413.817	386.781	-27.036
55	55	418.983	384.805	-34.178
55	56	417.022	385.236	-31.786
55	57	414.915	387.107	-27.808
55	58	420.009	385.131	-34.878
55	59	411.510	388.512	-22.998
100	60	413.155	387.678	-25.477
100	61	410.491	389.615	-20.876
100	62	417.538	389.421	-28.117
100	63	414.659	391.575	-23.084
100	64	412.481	384.605	-27.876
105	65	416.202	390.273	-25.929
105	66	413.956	392.521	-21.435
105	67	410.237	388.982	-21.255
105	68	415.586	387.058	-28.528
105	69	413.792	387.050	-26.742
	Max	423.610	392.521	-20.876
	Average	415.791	388.230	-27.561
	Min	409.804	382.346	-40.056
	Std Dev	3.086	2.340	3.764



	19.28_tsr_PWRGD_Rising	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	386.646	383.554	384.477	385.119	####	383.745	####	####	384.805	####	387.050
Average	387.798	388.049	387.765	388.315	####	387.173	####	####	386.158	####	389.177
Max	389.118	391.418	389.349	390.544	####	390.286	####	####	388.512	####	392.521
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

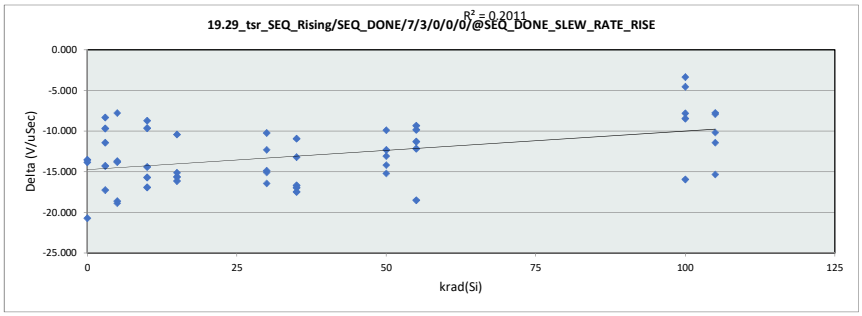


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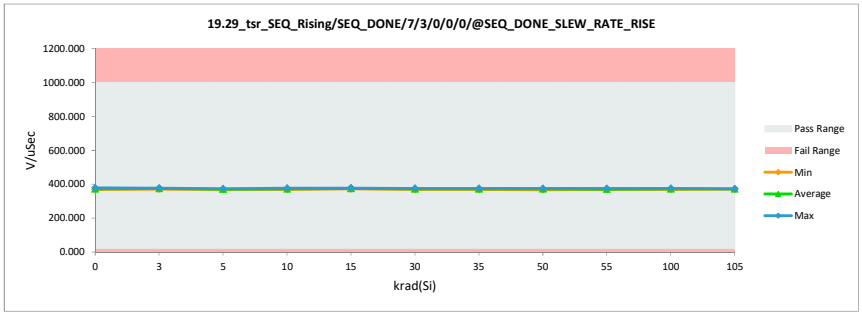
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.29_tsr_SEQ_Rising/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	392.402	378.520	-13.882
0	14	382.808	369.247	-13.561
0	15	391.872	371.117	-20.755
3	20	386.607	378.239	-8.368
3	21	386.264	376.555	-9.709
3	22	386.994	372.671	-14.323
3	23	386.368	374.912	-11.456
3	24	387.131	369.841	-17.290
5	25	381.714	373.904	-7.810
5	26	386.788	368.149	-18.639
5	27	386.416	372.697	-13.719
5	28	389.237	370.332	-18.905
5	29	383.427	369.584	-13.843
10	30	382.045	373.288	-8.757
10	31	385.617	371.175	-14.442
10	32	385.332	368.360	-16.972
10	33	386.962	371.232	-15.730
10	34	386.833	377.150	-9.683
15	35	387.551	371.881	-15.670
15	36	389.684	373.521	-16.163
15	37	388.903	373.743	-15.160
15	38	393.762	378.086	-15.676
15	39	385.553	375.102	-10.451
30	40	386.745	370.268	-16.477
30	41	386.489	371.377	-15.112
30	42	381.205	370.941	-10.264
30	43	388.485	376.155	-12.330
30	44	384.360	369.442	-14.918
35	45	385.102	374.146	-10.956
35	46	386.524	369.513	-17.011
35	47	388.598	375.355	-13.243
35	48	387.059	369.536	-17.523
35	49	389.323	372.614	-16.709
50	50	381.567	367.352	-14.215
50	51	386.731	374.370	-12.361
50	52	386.551	371.310	-15.241
50	53	388.065	374.948	-13.117
50	54	384.701	374.772	-9.929
55	55	380.523	370.632	-9.891
55	56	388.224	369.693	-18.531
55	57	383.861	374.483	-9.378
55	58	380.293	368.966	-11.327
55	59	386.019	373.830	-12.189
100	60	383.918	376.071	-7.847
100	61	378.545	375.147	-3.398
100	62	380.904	376.333	-4.571
100	63	384.446	368.475	-15.971
100	64	378.703	370.211	-8.492
105	65	379.085	371.120	-7.965
105	66	383.622	373.413	-10.209
105	67	386.499	371.133	-15.366
105	68	380.508	372.717	-7.791
105	69	382.272	370.824	-11.448
	Max	393.762	378.520	-3.398
	Average	385.457	372.537	-12.920
	Min	378.545	367.352	-20.755
	Std Dev	3.403	2.856	3.781



	19.29_tsr_SEQ_Rising/S										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	369.247	369.841	368.149	368.360	####	369.442	####	####	368.966	####	370.824
Average	372.961	374.444	370.933	372.241	####	371.637	####	####	371.521	####	371.841
Max	378.520	378.239	373.904	377.150	####	376.155	####	####	374.483	####	373.413
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

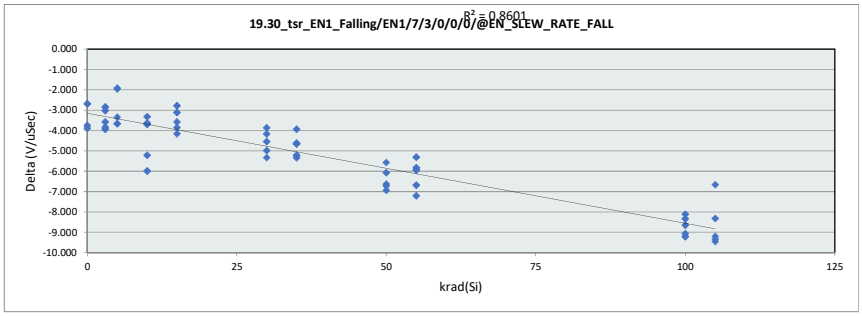


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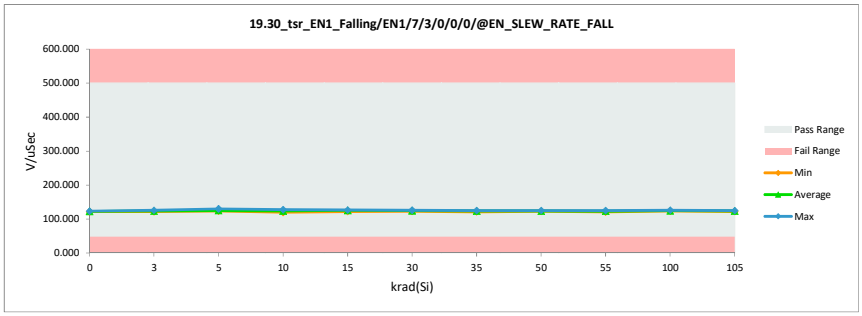
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.30_tsr_EN1_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	124.306	121.619	-2.687
0	14	126.897	123.146	-3.751
0	15	125.928	122.036	-3.892
3	20	129.558	125.625	-3.933
3	21	126.738	122.903	-3.835
3	22	125.868	123.026	-2.842
3	23	124.452	121.427	-3.025
3	24	129.220	125.645	-3.575
5	25	127.720	124.049	-3.671
5	26	127.351	124.008	-3.343
5	27	131.836	129.924	-1.912
5	28	125.807	123.844	-1.963
5	29	126.959	123.298	-3.661
10	30	125.547	121.912	-3.635
10	31	129.058	123.845	-5.213
10	32	130.754	127.431	-3.323
10	33	125.783	119.792	-5.991
10	34	128.061	124.371	-3.690
15	35	126.292	122.138	-4.154
15	36	128.509	125.721	-2.788
15	37	129.144	126.032	-3.112
15	38	130.100	126.242	-3.858
15	39	129.242	125.662	-3.580
30	40	130.302	125.319	-4.983
30	41	128.784	124.621	-4.163
30	42	128.490	123.950	-4.540
30	43	129.841	125.974	-3.867
30	44	128.047	122.710	-5.337
35	45	127.330	122.704	-4.626
35	46	130.364	125.028	-5.336
35	47	128.215	124.274	-3.941
35	48	125.759	121.096	-4.663
35	49	130.228	125.010	-5.218
50	50	130.072	123.441	-6.631
50	51	128.529	122.461	-6.068
50	52	128.633	123.064	-5.569
50	53	129.421	122.481	-6.940
50	54	131.530	124.814	-6.716
55	55	131.155	124.467	-6.688
55	56	128.571	123.263	-5.308
55	57	130.562	124.726	-5.836
55	58	127.762	120.556	-7.206
55	59	128.304	122.367	-5.937
100	60	131.939	123.291	-8.648
100	61	134.278	125.941	-8.337
100	62	134.143	124.933	-9.210
100	63	132.575	123.513	-9.062
100	64	131.761	123.649	-8.112
105	65	130.786	124.129	-6.657
105	66	133.833	124.376	-9.457
105	67	132.164	122.827	-9.337
105	68	131.419	123.098	-8.321
105	69	131.258	122.059	-9.199
	Max	134.278	129.924	-1.912
	Average	129.079	123.846	-5.233
	Min	124.306	119.792	-9.457
	Std Dev	2.412	1.781	2.084



	19.30_tsr_EN1_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	121.619	121.427	123.298	119.792	####	122.710	####	####	120.556	####	122.059
Average	122.267	123.725	125.025	123.470	####	124.515	####	####	123.076	####	123.298
Max	123.146	125.645	129.924	127.431	####	125.974	####	####	124.726	####	124.376
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

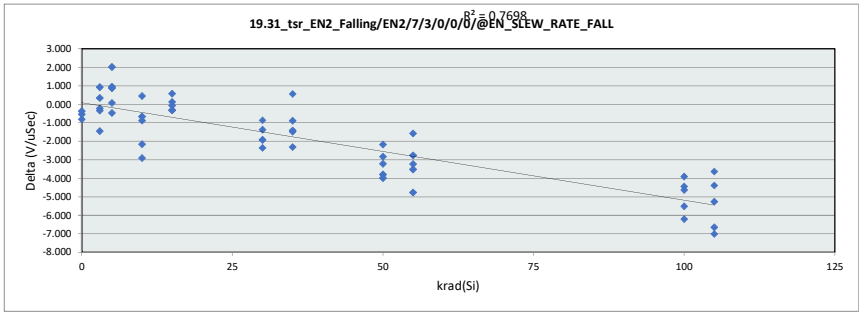


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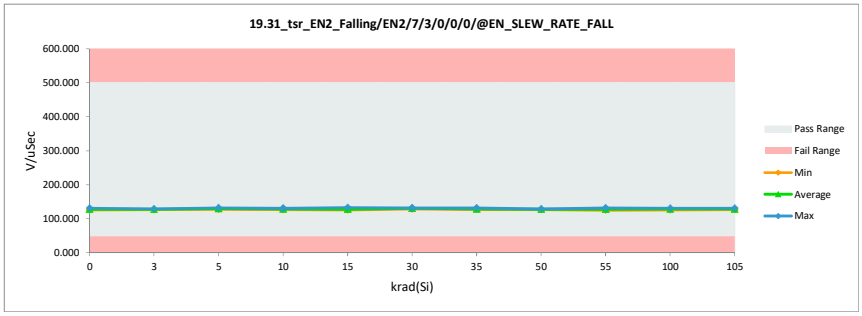
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.31_tsr_EN2_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	126.543	126.168	-0.375
0	14	126.459	125.911	-0.548
0	15	131.540	130.721	-0.819
3	20	127.287	126.938	-0.349
3	21	126.708	127.620	0.912
3	22	129.100	128.868	-0.232
3	23	127.909	126.453	-1.456
3	24	126.350	126.685	0.335
5	25	128.330	129.193	0.863
5	26	127.890	129.895	2.005
5	27	130.881	130.406	-0.475
5	28	130.772	131.707	0.935
5	29	127.970	128.030	0.060
10	30	130.541	128.370	-2.171
10	31	129.079	126.168	-2.911
10	32	129.694	130.132	0.438
10	33	128.962	128.285	-0.677
10	34	128.618	127.730	-0.888
15	35	125.508	125.171	-0.337
15	36	126.426	126.541	0.115
15	37	124.954	125.519	0.565
15	38	130.016	129.688	-0.328
15	39	132.998	132.920	-0.078
30	40	132.114	131.242	-0.872
30	41	130.242	128.315	-1.927
30	42	132.039	130.652	-1.387
30	43	132.188	130.255	-1.933
30	44	132.089	129.722	-2.367
35	45	128.841	127.419	-1.422
35	46	129.894	127.569	-2.325
35	47	129.082	127.593	-1.489
35	48	131.990	131.093	-0.897
35	49	126.369	126.917	0.548
50	50	130.003	127.819	-2.184
50	51	131.589	127.785	-3.804
50	52	129.197	126.357	-2.840
50	53	131.988	127.992	-3.996
50	54	132.103	128.870	-3.233
55	55	131.478	127.949	-3.529
55	56	129.497	124.722	-4.775
55	57	132.887	131.303	-1.584
55	58	128.828	126.059	-2.769
55	59	130.465	127.230	-3.235
100	60	135.610	130.969	-4.641
100	61	132.070	128.156	-3.914
100	62	132.131	127.674	-4.457
100	63	134.196	128.671	-5.525
100	64	131.370	125.158	-6.212
105	65	133.589	129.948	-3.641
105	66	135.394	130.998	-4.396
105	67	134.354	127.334	-7.020
105	68	134.356	127.698	-6.658
105	69	131.662	126.393	-5.269
	Max	135.610	132.920	2.005
	Average	130.229	128.283	-1.947
	Min	124.954	124.722	-7.020
	Std Dev	2.589	1.927	2.150



	19.31_tsr_EN2_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	125.911	126.453	128.030	126.168	####	128.315	####	####	124.722	####	126.393
Average	127.600	127.313	129.846	128.137	####	130.037	####	####	127.453	####	128.474
Max	130.721	128.868	131.707	130.132	####	131.242	####	####	131.303	####	130.998
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

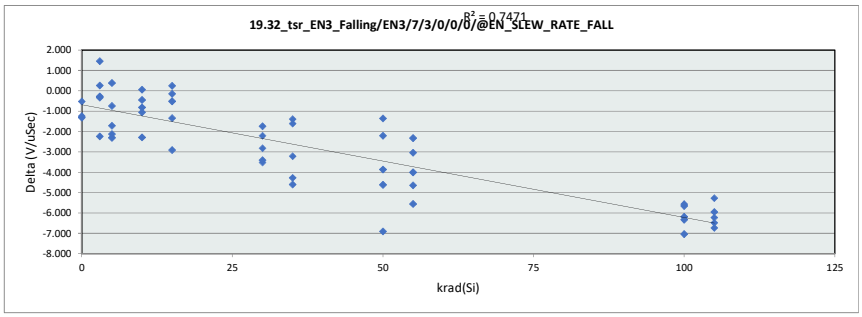


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

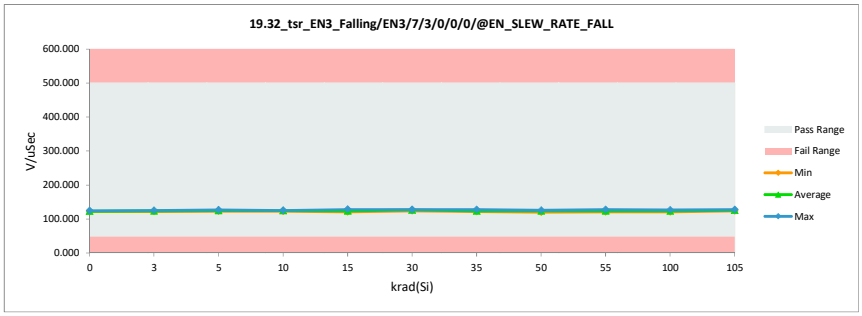
	19.32_tsr_EN3_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	123.413	122.083	-1.330
0	14	124.060	122.810	-1.250
0	15	124.857	124.320	-0.537
3	20	123.611	125.056	1.445
3	21	124.912	124.625	-0.287
3	22	125.327	124.984	-0.343
3	23	123.637	121.384	-2.253
3	24	123.753	124.001	0.248
5	25	125.082	122.767	-2.315
5	26	126.188	124.462	-1.726
5	27	126.803	126.047	-0.756
5	28	128.059	125.919	-2.140
5	29	124.254	124.625	0.371
10	30	124.633	124.677	0.044
10	31	124.869	122.569	-2.300
10	32	125.794	125.337	-0.457
10	33	124.509	123.679	-0.830
10	34	125.941	124.878	-1.063
15	35	122.231	120.880	-1.351
15	36	123.667	123.141	-0.526
15	37	123.722	120.803	-2.919
15	38	126.332	126.174	-0.158
15	39	127.911	128.144	0.233
30	40	129.125	126.909	-2.216
30	41	127.171	123.749	-3.422
30	42	130.268	127.435	-2.833
30	43	130.248	126.710	-3.538
30	44	128.427	126.676	-1.751
35	45	124.798	121.577	-3.221
35	46	127.100	122.488	-4.612
35	47	126.787	122.504	-4.283
35	48	128.666	127.044	-1.622
35	49	123.272	121.869	-1.403
50	50	126.325	124.108	-2.217
50	51	128.726	124.097	-4.629
50	52	126.906	119.989	-6.917
50	53	129.071	125.195	-3.876
50	54	127.116	125.746	-1.370
55	55	129.198	125.179	-4.019
55	56	124.850	121.795	-3.055
55	57	129.741	127.411	-2.330
55	58	126.178	120.606	-5.572
55	59	127.729	123.078	-4.651
100	60	132.383	126.717	-5.666
100	61	128.691	123.111	-5.580
100	62	129.887	123.543	-6.344
100	63	127.943	120.897	-7.046
100	64	127.765	121.567	-6.198
105	65	130.486	124.523	-5.963
105	66	133.797	127.302	-6.495
105	67	130.161	123.416	-6.745
105	68	132.235	126.955	-5.280
105	69	130.307	124.071	-6.236
	Max	133.797	128.144	1.445
	Average	126.961	124.144	-2.817
	Min	122.231	119.989	-7.046
	Std Dev	2.660	2.081	2.292



	19.32_tsr_EN3_Falling/E	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	122.083	121.384	122.767	122.569	####	123.749	####	####	120.606	####	123.416
Average	123.071	124.010	124.764	124.228	####	126.296	####	####	123.614	####	125.253
Max	124.320	125.056	126.047	125.337	####	127.435	####	####	127.411	####	127.302
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

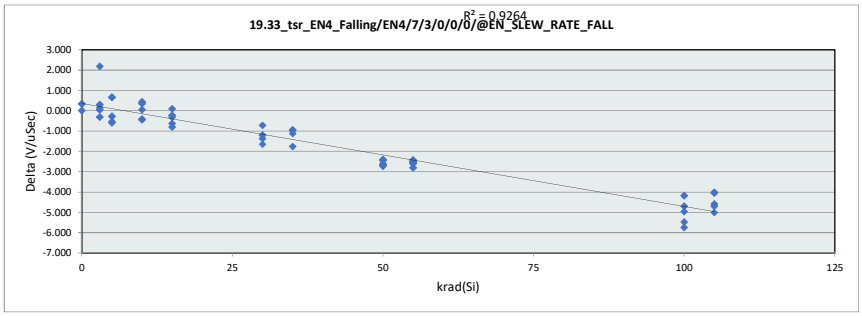


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

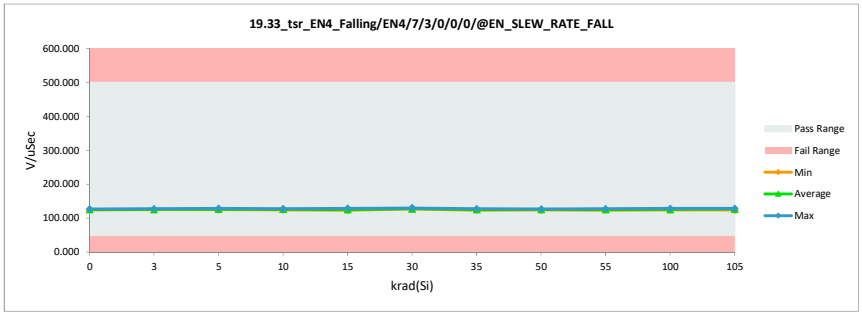
	19.33_tsr_EN4_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	124.682	124.685	0.003
0	14	124.086	124.419	0.333
0	15	126.755	127.076	0.321
3	20	124.761	124.797	0.036
3	21	126.466	126.599	0.133
3	22	127.331	127.628	0.297
3	23	125.411	125.093	-0.318
3	24	123.715	125.894	2.179
5	25	125.865	125.316	-0.549
5	26	125.736	125.449	-0.287
5	27	127.495	128.139	0.644
5	28	128.350	129.005	0.655
5	29	125.280	124.673	-0.607
10	30	126.386	126.726	0.340
10	31	124.671	124.217	-0.454
10	32	127.173	127.599	0.426
10	33	125.314	124.887	-0.427
10	34	127.093	127.131	0.038
15	35	124.465	123.656	-0.809
15	36	122.919	123.005	0.086
15	37	123.797	123.160	-0.637
15	38	128.587	128.350	-0.237
15	39	129.841	129.517	-0.324
30	40	131.902	130.241	-1.661
30	41	127.577	126.850	-0.727
30	42	128.000	126.781	-1.219
30	43	129.699	128.316	-1.383
30	44	128.439	127.239	-1.200
35	45	127.354	125.584	-1.770
35	46	125.493	124.360	-1.133
35	47	126.787	125.828	-0.959
35	48	128.878	127.895	-0.983
35	49	124.478	123.531	-0.947
50	50	127.697	125.234	-2.463
50	51	129.052	126.317	-2.735
50	52	126.420	124.015	-2.405
50	53	129.908	127.232	-2.676
50	54	129.616	126.987	-2.629
55	55	128.310	125.752	-2.558
55	56	127.013	124.199	-2.814
55	57	130.297	127.809	-2.488
55	58	126.162	123.548	-2.614
55	59	128.310	125.881	-2.429
100	60	133.561	128.593	-4.968
100	61	129.716	123.962	-5.754
100	62	130.563	125.857	-4.706
100	63	130.848	126.657	-4.191
100	64	129.299	123.816	-5.483
105	65	131.754	127.151	-4.603
105	66	133.584	128.876	-4.708
105	67	129.338	125.317	-4.021
105	68	132.807	128.740	-4.067
105	69	128.920	123.902	-5.018
	Max	133.584	130.241	2.179
	Average	127.697	126.104	-1.594
	Min	122.919	123.005	-5.754
	Std Dev	2.564	1.819	1.886



	19.33_tsr_EN4_Falling/E	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	124.419	124.797	124.673	124.217	####	126.781	####	####	123.548	####	123.902
Average	125.393	126.002	126.516	126.112	####	127.885	####	####	125.438	####	126.797
Max	127.076	127.628	129.005	127.599	####	130.241	####	####	127.809	####	128.876
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

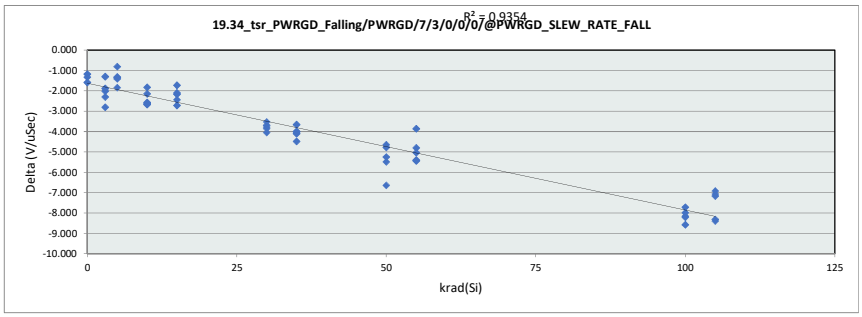


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

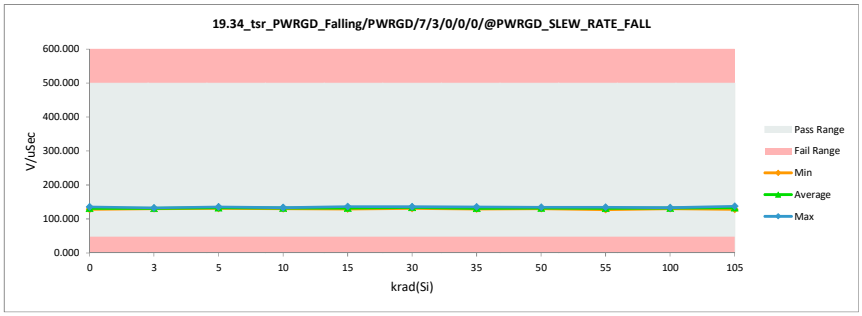
	19.34_tsr_PWRGD_Falling	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	132.860	131.263	-1.597
0	14	129.687	128.351	-1.336
0	15	136.459	135.270	-1.189
3	20	133.086	130.778	-2.308
3	21	134.284	132.262	-2.022
3	22	133.910	132.596	-1.314
3	23	133.006	130.188	-2.818
3	24	132.266	130.375	-1.891
5	25	132.906	131.545	-1.361
5	26	134.056	133.235	-0.821
5	27	133.072	131.222	-1.850
5	28	136.693	135.370	-1.323
5	29	134.226	132.811	-1.415
10	30	135.996	133.323	-2.673
10	31	131.900	130.063	-1.837
10	32	135.584	132.995	-2.589
10	33	132.725	130.572	-2.153
10	34	135.152	132.513	-2.639
15	35	133.067	130.345	-2.722
15	36	130.631	128.898	-1.733
15	37	132.290	129.847	-2.443
15	38	137.095	134.917	-2.178
15	39	138.709	136.595	-2.114
30	40	140.123	136.066	-4.057
30	41	135.025	131.165	-3.860
30	42	137.397	133.701	-3.696
30	43	137.427	133.640	-3.787
30	44	138.480	134.943	-3.537
35	45	133.677	129.670	-4.007
35	46	133.688	129.198	-4.490
35	47	135.564	131.457	-4.107
35	48	138.973	135.309	-3.664
35	49	135.205	131.187	-4.018
50	50	136.543	131.046	-5.497
50	51	138.014	131.367	-6.647
50	52	135.308	130.656	-4.652
50	53	139.651	134.395	-5.256
50	54	138.778	133.997	-4.781
55	55	137.296	133.430	-3.866
55	56	132.928	127.513	-5.415
55	57	139.681	134.232	-5.449
55	58	134.907	129.860	-5.047
55	59	136.253	131.448	-4.805
100	60	141.921	133.335	-8.586
100	61	138.668	130.496	-8.172
100	62	140.044	132.318	-7.726
100	63	140.885	132.666	-8.219
100	64	139.111	131.112	-7.999
105	65	139.811	132.887	-6.924
105	66	144.597	137.525	-7.072
105	67	138.453	130.044	-8.409
105	68	142.612	135.440	-7.172
105	69	136.575	128.249	-8.326
	Max	144.597	137.525	-0.821
	Average	136.175	132.145	-4.030
	Min	129.687	127.513	-8.586
	Std Dev	3.197	2.274	2.307



	19.34_tsr_PWRGD_Fallin	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	128.351	130.188	131.222	130.063	####	131.165	####	####	127.513	####	128.249
Average	131.628	131.240	132.837	131.893	####	133.903	####	####	131.297	####	132.829
Max	135.270	132.596	135.370	133.323	####	136.066	####	####	134.232	####	137.525
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

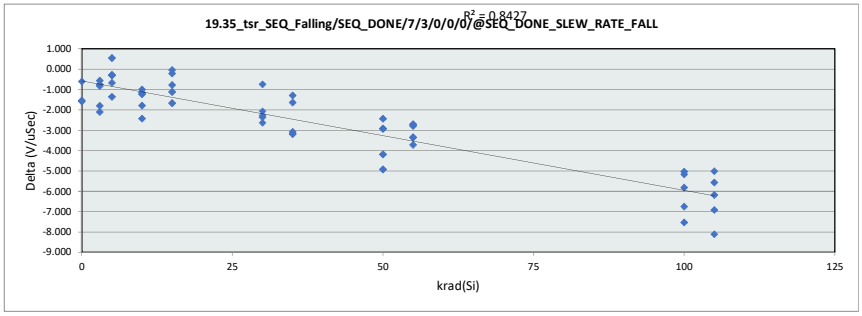


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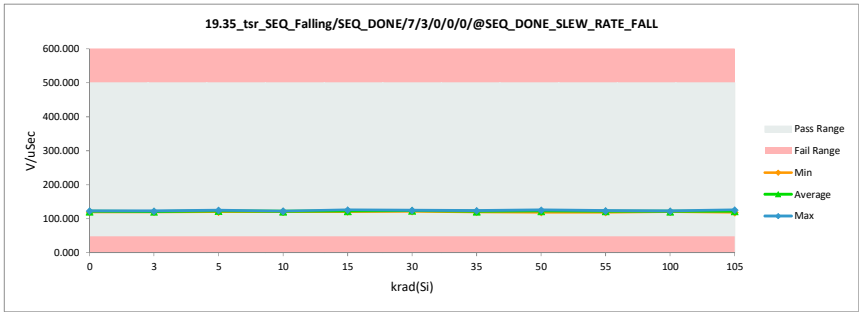
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.35_tsr_SEQ_Falling/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	122.107	121.518	-0.589
0	14	121.950	120.380	-1.570
0	15	124.695	123.167	-1.528
3	20	121.946	121.203	-0.743
3	21	123.216	122.671	-0.545
3	22	123.025	120.940	-2.085
3	23	121.958	120.178	-1.780
3	24	121.627	120.819	-0.808
5	25	123.487	122.832	-0.655
5	26	123.884	124.444	0.560
5	27	120.762	120.479	-0.283
5	28	125.425	125.153	-0.272
5	29	124.684	123.342	-1.342
10	30	124.227	122.449	-1.778
10	31	123.191	122.040	-1.151
10	32	123.077	121.855	-1.222
10	33	121.503	120.518	-0.985
10	34	123.479	121.066	-2.413
15	35	122.116	121.353	-0.763
15	36	122.054	121.861	-0.193
15	37	121.010	120.981	-0.029
15	38	124.228	122.578	-1.650
15	39	126.993	125.887	-1.106
30	40	125.931	125.201	-0.730
30	41	124.604	121.988	-2.616
30	42	126.190	123.931	-2.259
30	43	126.617	124.565	-2.052
30	44	126.143	123.800	-2.343
35	45	123.211	120.032	-3.179
35	46	122.567	120.948	-1.619
35	47	123.007	121.730	-1.277
35	48	127.349	124.288	-3.061
35	49	124.343	121.212	-3.131
50	50	125.045	122.138	-2.907
50	51	124.811	122.387	-2.424
50	52	124.115	119.213	-4.902
50	53	128.249	124.077	-4.172
50	54	128.493	125.587	-2.906
55	55	126.974	123.630	-3.344
55	56	121.748	119.059	-2.689
55	57	126.545	123.218	-3.327
55	58	125.417	121.715	-3.702
55	59	124.913	122.137	-2.776
100	60	128.621	122.823	-5.798
100	61	128.578	121.840	-6.738
100	62	129.081	121.566	-7.515
100	63	127.345	122.324	-5.021
100	64	125.940	120.792	-5.148
105	65	128.055	121.157	-6.898
105	66	132.242	126.079	-6.163
105	67	125.271	120.272	-4.999
105	68	130.228	124.673	-5.555
105	69	126.918	118.822	-8.096
	Max	132.242	126.079	0.560
	Average	124.890	122.244	-2.647
	Min	120.762	118.822	-8.096
	Std Dev	2.570	1.763	2.093



	19.35_tsr_SEQ_Falling/S										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	120.380	120.178	120.479	120.518	####	121.988	####	####	119.059	####	118.822
Average	121.688	121.162	123.250	121.586	####	123.897	####	####	121.952	####	122.201
Max	123.167	122.671	125.153	122.449	####	125.201	####	####	123.630	####	126.079
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

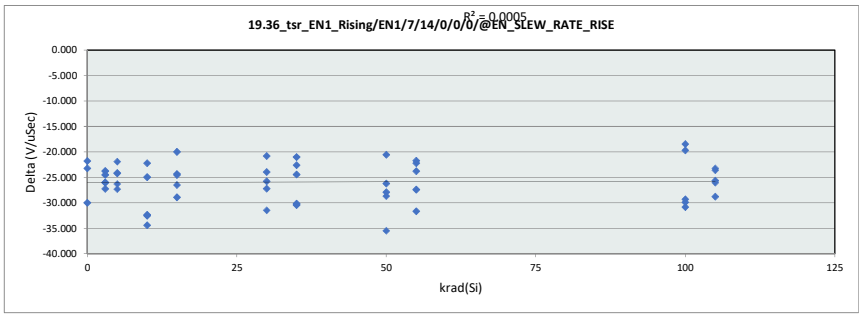


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

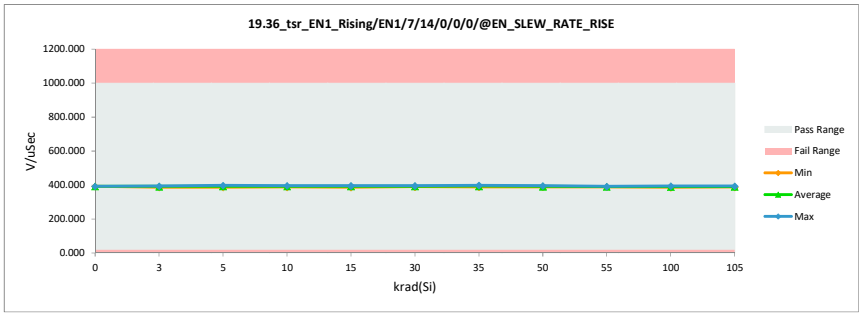
	19.36_tsr_EN1_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	423.187	393.255	-29.932
0	14	415.772	392.587	-23.185
0	15	414.459	392.729	-21.730
3	20	418.004	394.297	-23.707
3	21	419.794	393.804	-25.990
3	22	416.042	391.603	-24.439
3	23	414.714	387.529	-27.185
3	24	419.575	393.622	-25.953
5	25	420.750	393.499	-27.251
5	26	414.407	390.228	-24.179
5	27	420.258	398.411	-21.847
5	28	421.092	396.990	-24.102
5	29	412.931	386.693	-26.238
10	30	421.473	388.996	-32.477
10	31	418.921	396.761	-22.160
10	32	420.932	388.593	-32.339
10	33	420.087	395.168	-24.919
10	34	427.888	393.547	-34.341
15	35	415.933	387.072	-28.861
15	36	422.543	396.105	-26.438
15	37	420.527	396.247	-24.280
15	38	416.207	396.286	-19.921
15	39	414.483	390.002	-24.481
30	40	421.788	390.370	-31.418
30	41	418.583	391.428	-27.155
30	42	418.877	393.142	-25.735
30	43	414.611	393.871	-20.740
30	44	420.119	396.217	-23.902
35	45	414.190	393.233	-20.957
35	46	414.342	391.786	-22.556
35	47	425.099	394.734	-30.365
35	48	419.083	388.996	-30.087
35	49	423.124	398.754	-24.370
50	50	416.440	395.943	-20.497
50	51	422.701	394.074	-28.627
50	52	417.129	390.971	-26.158
50	53	416.724	388.890	-27.834
50	54	428.066	392.645	-35.421
55	55	410.503	388.850	-21.653
55	56	417.588	390.218	-27.370
55	57	414.599	392.428	-22.171
55	58	414.471	390.759	-23.712
55	59	422.417	390.811	-31.606
100	60	420.723	390.883	-29.840
100	61	410.483	390.835	-19.648
100	62	413.502	395.122	-18.380
100	63	419.975	389.190	-30.785
100	64	415.767	386.520	-29.247
105	65	417.038	393.507	-23.531
105	66	414.210	388.230	-25.980
105	67	413.082	389.927	-23.155
105	68	419.391	393.816	-25.575
105	69	418.901	390.176	-28.725
	Max	428.066	398.754	-18.380
	Average	418.179	392.271	-25.909
	Min	410.483	386.520	-35.421
	Std Dev	3.910	3.041	3.929



	19.36_tsr_EN1_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	392.587	387.529	386.693	388.593	####	390.370	####	####	388.850	####	388.230
Average	392.857	392.171	393.164	392.613	####	393.006	####	####	390.613	####	391.131
Max	393.255	394.297	398.411	396.761	####	396.217	####	####	392.428	####	393.816
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

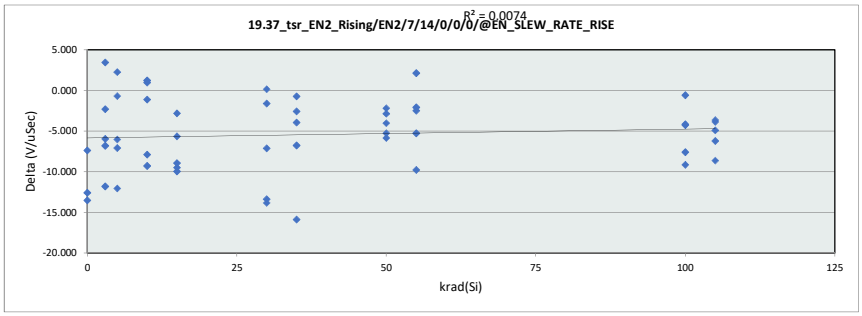


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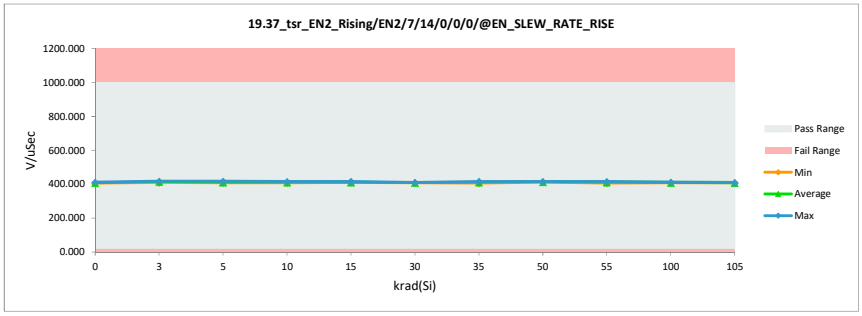
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.37_tsr_EN2_Rising/EN
Test Site	
Tester	
Test Number	
Unit	V/uSec
Max Limit	1000
Min Limit	17

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	420.406	413.049	-7.357
0	14	419.520	406.949	-12.571
0	15	422.124	408.622	-13.502
3	20	417.898	415.608	-2.290
3	21	424.315	418.379	-5.936
3	22	415.494	418.958	3.464
3	23	417.102	410.305	-6.797
3	24	426.664	414.891	-11.773
5	25	418.705	412.689	-6.016
5	26	414.294	413.619	-0.675
5	27	415.376	417.651	2.275
5	28	420.243	413.188	-7.055
5	29	421.528	409.503	-12.025
10	30	413.904	412.800	-1.104
10	31	416.935	409.064	-7.871
10	32	411.374	412.630	1.256
10	33	423.459	414.183	-9.276
10	34	416.316	417.302	0.986
15	35	422.587	412.643	-9.944
15	36	414.920	412.111	-2.809
15	37	421.116	411.652	-9.464
15	38	424.772	415.855	-8.917
15	39	417.134	411.517	-5.617
30	40	418.181	411.084	-7.097
30	41	409.271	409.440	0.169
30	42	422.052	408.694	-13.358
30	43	424.052	410.251	-13.801
30	44	412.026	410.434	-1.592
35	45	423.229	407.373	-15.856
35	46	415.359	411.428	-3.931
35	47	417.953	417.241	-0.712
35	48	414.736	407.996	-6.740
35	49	416.845	414.290	-2.555
50	50	418.000	413.985	-4.015
50	51	418.707	412.883	-5.824
50	52	416.092	413.257	-2.835
50	53	418.846	413.616	-5.230
50	54	418.489	416.323	-2.166
55	55	417.808	412.557	-5.251
55	56	416.134	414.081	-2.053
55	57	412.262	414.418	2.156
55	58	416.619	406.860	-9.759
55	59	418.132	415.665	-2.467
100	60	414.103	409.853	-4.250
100	61	412.910	408.769	-4.141
100	62	416.899	409.339	-7.560
100	63	413.092	412.526	-0.566
100	64	422.502	413.370	-9.132
105	65	413.749	408.872	-4.877
105	66	413.194	409.346	-3.848
105	67	415.762	409.571	-6.191
105	68	414.541	410.916	-3.625
105	69	416.961	408.347	-8.614
	Max	426.664	418.958	3.464
	Average	417.636	412.188	-5.448
	Min	409.271	406.860	-15.856
	Std Dev	3.825	3.051	4.522



	19.37_tsr_EN2_Rising/E										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	406.949	410.305	409.503	409.064	####	408.694	####	####	406.860	####	408.347
Average	409.540	415.628	413.330	413.196	####	409.981	####	####	412.716	####	409.410
Max	413.049	418.958	417.651	417.302	####	411.084	####	####	415.665	####	410.916
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

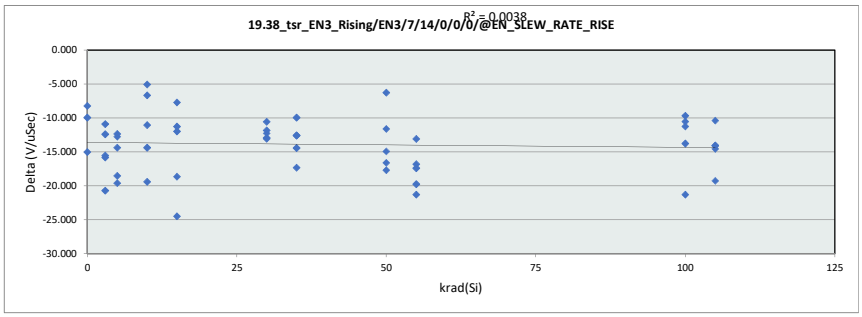


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

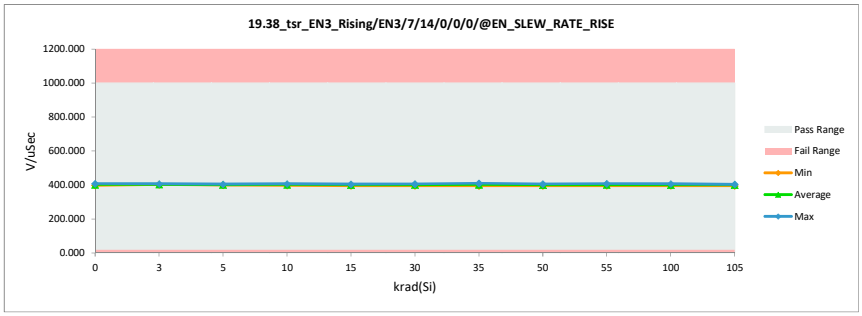
	19.38_tsr_EN3_Rising/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	419.225	404.237	-14.988
0	14	408.696	398.799	-9.897
0	15	416.226	408.032	-8.194
3	20	418.918	403.138	-15.780
3	21	423.178	407.690	-15.488
3	22	424.326	403.659	-20.667
3	23	415.342	402.988	-12.354
3	24	415.320	404.452	-10.868
5	25	421.576	402.016	-19.560
5	26	412.225	399.919	-12.306
5	27	418.289	405.560	-12.729
5	28	422.513	404.017	-18.496
5	29	416.706	402.360	-14.346
10	30	416.742	397.380	-19.362
10	31	413.635	407.013	-6.622
10	32	413.760	402.759	-11.001
10	33	408.843	403.830	-5.013
10	34	420.779	406.429	-14.350
15	35	408.481	400.809	-7.672
15	36	420.751	396.291	-24.460
15	37	421.864	403.245	-18.619
15	38	417.810	405.876	-11.934
15	39	413.537	402.306	-11.231
30	40	419.203	406.183	-13.020
30	41	417.728	405.936	-11.792
30	42	417.068	404.829	-12.239
30	43	409.537	396.674	-12.863
30	44	410.371	399.858	-10.513
35	45	417.445	404.924	-12.521
35	46	410.001	395.607	-14.394
35	47	420.546	410.629	-9.917
35	48	418.660	406.097	-12.563
35	49	418.286	401.006	-17.280
50	50	417.307	402.415	-14.892
50	51	416.697	400.117	-16.580
50	52	413.796	396.133	-17.663
50	53	410.772	399.196	-11.576
50	54	412.324	406.110	-6.214
55	55	418.821	401.471	-17.350
55	56	416.068	396.348	-19.720
55	57	425.984	404.719	-21.265
55	58	420.063	403.296	-16.767
55	59	421.670	408.618	-13.052
100	60	416.871	407.240	-9.631
100	61	413.258	399.533	-13.725
100	62	418.159	396.897	-21.262
100	63	414.067	402.873	-11.194
100	64	409.532	399.045	-10.487
105	65	414.885	395.663	-19.222
105	66	411.731	401.385	-10.346
105	67	416.208	401.698	-14.510
105	68	417.526	403.470	-14.056
105	69	418.241	404.237	-14.004
	Max	425.984	410.629	-5.013
	Average	416.445	402.547	-13.897
	Min	408.481	395.607	-24.460
	Std Dev	4.237	3.673	4.171



	19.38_tsr_EN3_Rising/E	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	398.799	402.988	399.919	397.380	####	396.674	####	####	396.348	####	395.663
Average	403.689	404.385	402.774	403.482	####	402.696	####	####	402.890	####	401.291
Max	408.032	407.690	405.560	407.013	####	406.183	####	####	408.618	####	404.237
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

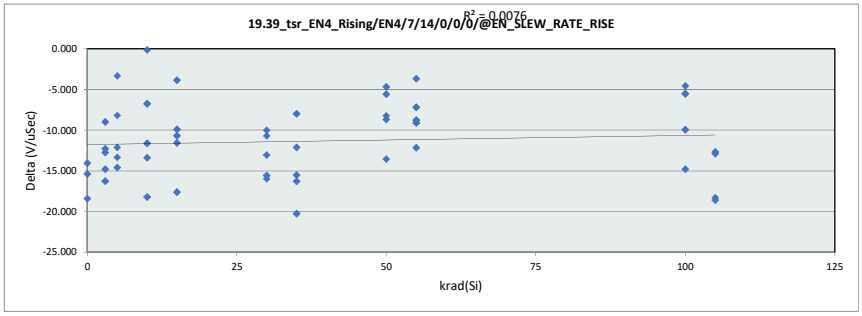


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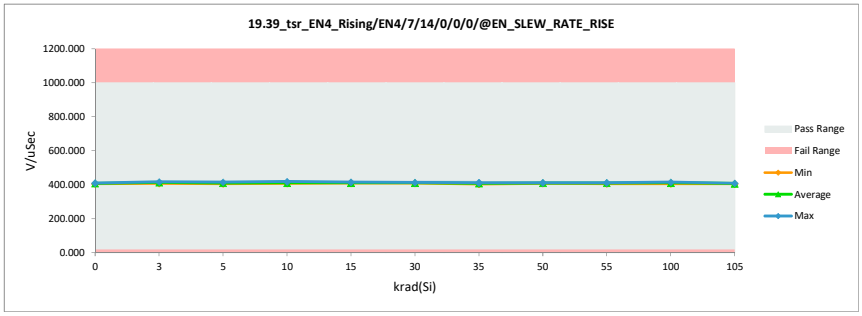
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.39_tsr_EN4_Rising/EN4	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	424.305	405.934	-18.371
0	14	421.174	407.151	-14.023
0	15	425.915	410.576	-15.339
3	20	426.806	410.577	-16.229
3	21	429.637	416.916	-12.721
3	22	428.659	413.904	-14.755
3	23	420.769	408.535	-12.234
3	24	422.796	413.846	-8.950
5	25	419.561	406.263	-13.298
5	26	422.952	408.408	-14.544
5	27	421.142	412.991	-8.151
5	28	418.025	414.741	-3.284
5	29	420.195	408.120	-12.075
10	30	420.651	409.071	-11.580
10	31	429.131	410.962	-18.169
10	32	415.448	408.728	-6.720
10	33	421.765	408.413	-13.352
10	34	418.650	418.551	-0.099
15	35	423.169	411.645	-11.524
15	36	419.495	409.621	-9.874
15	37	428.299	410.724	-17.575
15	38	422.168	411.527	-10.641
15	39	418.504	414.680	-3.824
30	40	423.014	413.041	-9.973
30	41	421.536	410.877	-10.659
30	42	424.360	408.818	-15.542
30	43	425.739	409.794	-15.945
30	44	424.962	411.944	-13.018
35	45	420.256	404.016	-16.240
35	46	416.361	408.420	-7.941
35	47	424.537	412.465	-12.072
35	48	423.421	407.956	-15.465
35	49	427.209	407.004	-20.205
50	50	415.420	410.776	-4.644
50	51	415.156	409.608	-5.548
50	52	417.192	408.546	-8.646
50	53	417.484	409.278	-8.206
50	54	425.315	411.796	-13.519
55	55	418.117	405.998	-12.119
55	56	415.972	412.340	-3.632
55	57	419.930	411.212	-8.718
55	58	420.938	411.871	-9.067
55	59	416.096	408.942	-7.154
100	60	420.609	415.139	-5.470
100	61	411.727	406.238	-5.489
100	62	418.406	408.497	-9.909
100	63	419.222	414.680	-4.542
100	64	424.154	409.400	-14.754
105	65	426.618	408.359	-18.259
105	66	420.520	407.850	-12.670
105	67	423.919	405.371	-18.548
105	68	418.983	406.359	-12.624
105	69	421.747	408.862	-12.885
	Max	429.637	418.551	-0.099
	Average	421.474	410.139	-11.336
	Min	411.727	404.016	-20.205
	Std Dev	4.003	3.031	4.605



	19.39_tsr_EN4_Rising/E										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	405.934	408.535	406.263	408.413	####	408.818	####	####	405.998	####	405.371
Average	407.887	412.756	410.105	411.145	####	410.895	####	####	410.073	####	407.360
Max	410.576	416.916	414.741	418.551	####	413.041	####	####	412.340	####	408.862
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

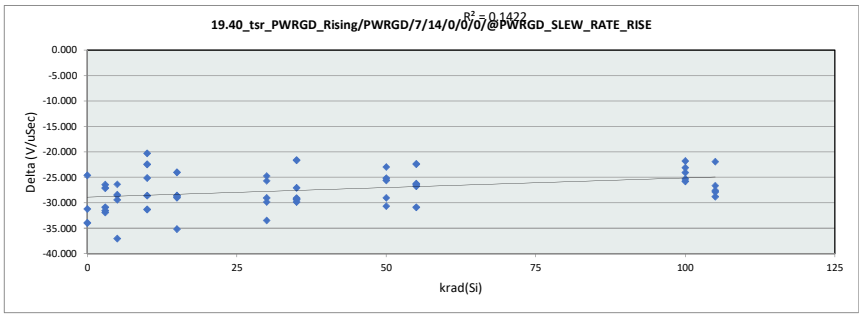


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

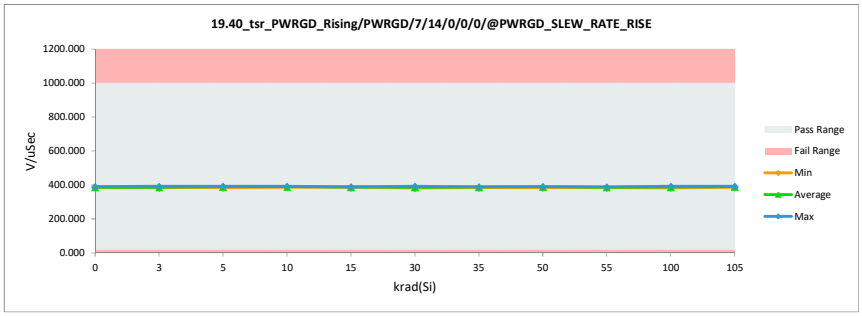
	19.40_tsr_PWRGD_Rising	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	419.080	385.184	-33.896
0	14	412.838	388.300	-24.538
0	15	421.425	390.291	-31.134
3	20	419.899	392.893	-27.006
3	21	413.165	386.812	-26.353
3	22	417.953	386.143	-31.810
3	23	415.142	384.324	-30.818
3	24	419.613	388.135	-31.478
5	25	417.907	388.562	-29.345
5	26	417.151	388.661	-28.490
5	27	421.415	384.463	-36.952
5	28	421.311	392.993	-28.318
5	29	417.916	391.621	-26.295
10	30	416.489	391.429	-25.060
10	31	417.107	388.573	-28.534
10	32	418.369	387.142	-31.227
10	33	410.735	388.366	-22.369
10	34	413.130	392.929	-20.201
15	35	421.732	386.651	-35.081
15	36	412.968	389.029	-23.939
15	37	418.152	389.232	-28.920
15	38	416.412	387.920	-28.492
15	39	417.652	389.081	-28.571
30	40	417.061	388.080	-28.981
30	41	414.535	384.756	-29.779
30	42	416.437	383.056	-33.381
30	43	419.329	393.735	-25.594
30	44	414.711	390.036	-24.675
35	45	415.698	385.927	-29.771
35	46	413.762	386.773	-26.989
35	47	410.671	389.129	-21.542
35	48	418.694	389.655	-29.039
35	49	419.031	389.763	-29.268
50	50	415.313	384.735	-30.578
50	51	419.443	390.510	-28.933
50	52	413.653	388.138	-25.515
50	53	413.818	390.930	-22.888
50	54	416.263	391.174	-25.089
55	55	417.674	386.851	-30.823
55	56	411.560	385.383	-26.177
55	57	415.320	388.675	-26.645
55	58	411.070	384.785	-26.285
55	59	412.138	389.840	-22.298
100	60	416.988	393.029	-23.959
100	61	406.752	383.720	-23.032
100	62	411.311	389.592	-21.719
100	63	415.891	390.190	-25.701
100	64	410.144	384.916	-25.228
105	65	418.661	392.110	-26.551
105	66	410.073	388.218	-21.855
105	67	415.980	387.262	-28.718
105	68	418.160	390.385	-27.775
105	69	416.284	388.768	-27.516
	Max	421.732	393.735	-20.201
	Average	415.924	388.469	-27.455
	Min	406.752	383.056	-36.952
	Std Dev	3.366	2.650	3.599



	19.40_tsr_PWRGD_Rising	
Test Site		
Tester		
Test Number		
Max Limit	1000	V/uSec
Min Limit	19	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	385.184	384.324	384.463	387.142	####	383.056	####	####	384.785	####	387.262
Average	387.925	387.661	389.260	389.688	####	387.933	####	####	387.107	####	389.349
Max	390.291	392.893	392.993	392.929	####	393.735	####	####	389.840	####	392.110
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

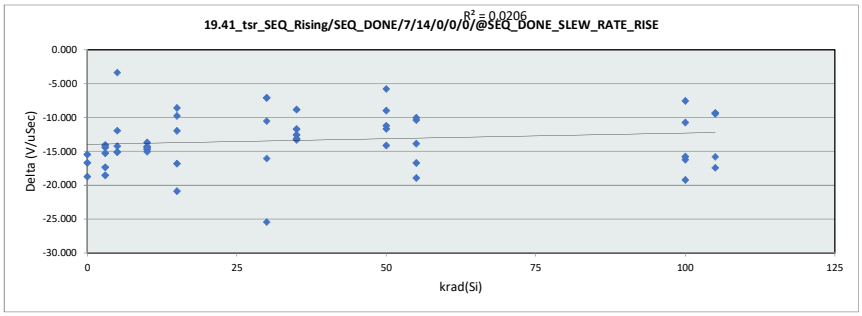


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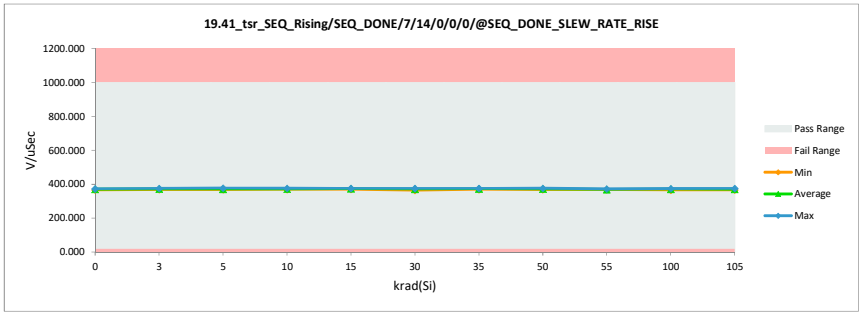
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.41_tsr_SEQ_Rising/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	1000	1000
Min Limit	17	19

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	389.236	372.587	-16.649
0	14	385.988	367.312	-18.676
0	15	389.439	374.015	-15.424
3	20	389.311	375.271	-14.040
3	21	391.572	376.355	-15.217
3	22	387.195	372.824	-14.371
3	23	388.001	369.506	-18.495
3	24	391.384	374.066	-17.318
5	25	384.665	369.571	-15.094
5	26	385.466	373.567	-11.899
5	27	381.362	378.037	-3.325
5	28	384.653	369.630	-15.023
5	29	384.121	369.922	-14.199
10	30	386.737	371.741	-14.996
10	31	385.864	371.217	-14.647
10	32	384.603	370.379	-14.224
10	33	389.583	375.223	-14.360
10	34	390.540	376.905	-13.635
15	35	386.263	376.548	-9.715
15	36	384.955	376.409	-8.546
15	37	388.096	376.172	-11.924
15	38	395.100	374.271	-20.829
15	39	387.868	371.099	-16.769
30	40	390.656	365.277	-25.379
30	41	383.032	375.994	-7.038
30	42	384.876	374.387	-10.489
30	43	381.728	374.666	-7.062
30	44	386.423	370.429	-15.994
35	45	388.242	375.171	-13.071
35	46	382.933	370.426	-12.507
35	47	383.513	374.723	-8.790
35	48	386.369	373.105	-13.264
35	49	388.027	376.356	-11.671
50	50	382.953	368.876	-14.077
50	51	386.711	375.071	-11.640
50	52	382.952	374.016	-8.936
50	53	383.826	372.653	-11.173
50	54	383.252	377.504	-5.748
55	55	385.433	368.760	-16.673
55	56	378.848	368.857	-9.991
55	57	387.386	373.560	-13.826
55	58	379.577	369.244	-10.333
55	59	389.884	371.014	-18.870
100	60	390.863	371.697	-19.166
100	61	382.511	366.343	-16.168
100	62	390.611	374.870	-15.741
100	63	384.216	373.525	-10.691
100	64	381.746	374.243	-7.503
105	65	382.114	372.794	-9.320
105	66	385.498	376.232	-9.266
105	67	385.066	369.305	-15.761
105	68	384.936	367.555	-17.381
105	69	379.612	370.190	-9.422
	Max	395.100	378.037	-3.325
	Average	385.958	372.632	-13.327
	Min	378.848	365.277	-25.379
	Std Dev	3.420	3.102	4.120



	19.41_tsr_SEQ_Rising/S										
Test Site											
Tester											
Test Number											
Max Limit	1000	V/uSec									
Min Limit	19	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000
Min	367.312	369.506	369.571	370.379	####	365.277	####	####	368.760	####	367.555
Average	371.305	373.604	372.145	373.093	####	372.151	####	####	370.287	####	371.215
Max	374.015	376.355	378.037	376.905	####	375.994	####	####	373.560	####	376.232
UL	1000.000	1000.000	#####	#####	####	#####	####	####	#####	####	1000.000

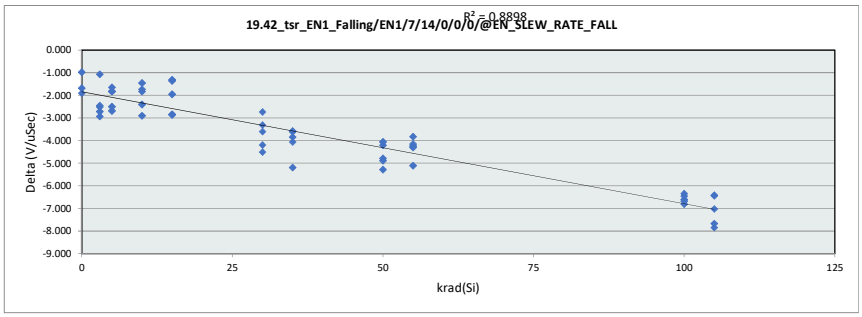


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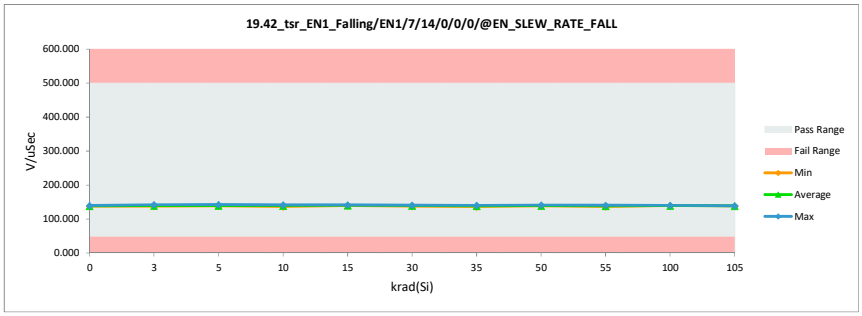
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.42_tsr_EN1_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	138.559	137.602	-0.957
0	14	141.358	139.690	-1.668
0	15	139.546	137.660	-1.886
3	20	143.026	141.972	-1.054
3	21	140.782	137.867	-2.915
3	22	141.174	138.473	-2.701
3	23	140.288	137.850	-2.438
3	24	143.905	141.404	-2.501
5	25	141.415	138.743	-2.672
5	26	141.774	139.282	-2.492
5	27	144.353	142.552	-1.801
5	28	140.513	138.692	-1.821
5	29	141.056	139.427	-1.629
10	30	140.890	138.001	-2.889
10	31	141.109	139.671	-1.438
10	32	143.612	141.897	-1.715
10	33	138.658	136.846	-1.812
10	34	142.125	139.738	-2.387
15	35	140.731	139.388	-1.343
15	36	142.836	140.006	-2.830
15	37	142.251	140.311	-1.940
15	38	143.222	141.921	-1.301
15	39	142.332	139.486	-2.846
30	40	143.303	140.002	-3.301
30	41	143.684	140.096	-3.588
30	42	143.397	140.680	-2.717
30	43	144.873	140.689	-4.184
30	44	142.243	137.753	-4.490
35	45	142.478	137.304	-5.174
35	46	143.558	139.509	-4.049
35	47	142.940	139.375	-3.565
35	48	140.189	136.360	-3.829
35	49	144.015	140.413	-3.602
50	50	143.612	139.569	-4.043
50	51	143.400	138.125	-5.275
50	52	143.055	138.866	-4.189
50	53	143.418	138.543	-4.875
50	54	145.931	141.163	-4.768
55	55	144.682	140.542	-4.140
55	56	143.503	139.212	-4.291
55	57	144.143	139.046	-5.097
55	58	140.574	136.757	-3.817
55	59	142.610	138.384	-4.226
100	60	145.597	139.265	-6.332
100	61	146.809	140.149	-6.660
100	62	146.976	140.384	-6.592
100	63	145.915	139.477	-6.438
100	64	145.884	139.089	-6.795
105	65	145.859	138.853	-7.006
105	66	145.503	139.077	-6.426
105	67	146.091	138.260	-7.831
105	68	146.033	138.381	-7.652
105	69	145.065	138.671	-6.394
	Max	146.976	142.552	-0.957
	Average	143.035	139.292	-3.743
	Min	138.559	136.360	-7.831
	Std Dev	2.085	1.366	1.877



	19.42_tsr_EN1_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	137.602	137.850	138.692	136.846	####	137.753	####	####	136.757	####	138.260
Average	138.317	139.513	139.739	139.231	####	139.844	####	####	138.788	####	138.648
Max	139.690	141.972	142.552	141.897	####	140.689	####	####	140.542	####	139.077
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

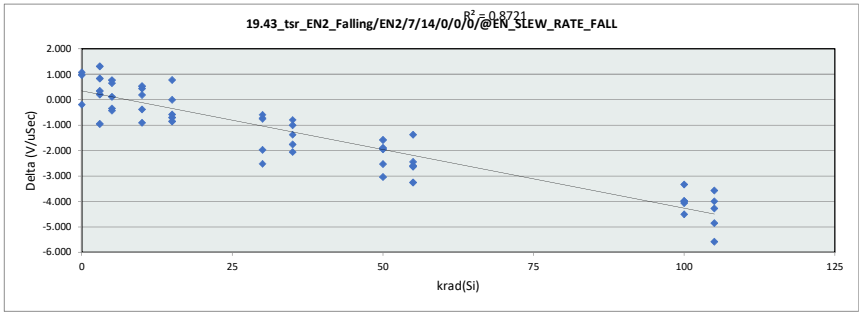


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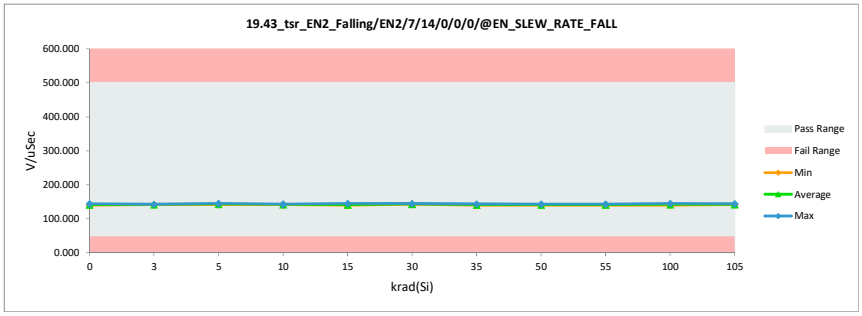
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.43_tsr_EN2_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	140.355	140.174	-0.181
0	14	139.626	140.611	0.985
0	15	142.947	144.034	1.087
3	20	140.993	141.211	0.218
3	21	140.607	141.930	1.323
3	22	143.752	142.810	-0.942
3	23	141.311	142.154	0.843
3	24	141.487	141.844	0.357
5	25	142.746	142.413	-0.333
5	26	142.586	143.364	0.778
5	27	142.661	142.787	0.126
5	28	144.327	144.991	0.664
5	29	142.278	141.860	-0.418
10	30	142.054	142.249	0.195
10	31	141.509	141.137	-0.372
10	32	142.333	142.875	0.542
10	33	141.131	141.574	0.443
10	34	143.299	142.402	-0.897
15	35	139.821	139.255	-0.566
15	36	140.175	140.964	0.789
15	37	140.685	139.991	-0.694
15	38	142.935	142.090	-0.845
15	39	145.130	145.140	0.010
30	40	145.466	144.723	-0.743
30	41	142.989	142.406	-0.583
30	42	144.538	142.575	-1.963
30	43	145.797	143.289	-2.508
30	44	144.393	143.682	-0.711
35	45	142.463	140.416	-2.047
35	46	142.274	141.281	-0.993
35	47	142.256	140.512	-1.744
35	48	145.061	143.694	-1.367
35	49	140.628	139.843	-0.785
50	50	142.636	140.700	-1.936
50	51	144.132	142.252	-1.880
50	52	141.393	139.823	-1.570
50	53	144.928	142.408	-2.520
50	54	146.119	143.091	-3.028
55	55	144.669	142.079	-2.590
55	56	143.104	140.675	-2.429
55	57	145.870	143.251	-2.619
55	58	143.417	140.172	-3.245
55	59	143.072	141.706	-1.366
100	60	148.227	144.908	-3.319
100	61	145.574	141.599	-3.975
100	62	144.643	140.596	-4.047
100	63	146.575	142.604	-3.971
100	64	144.629	140.134	-4.495
105	65	147.988	144.004	-3.984
105	66	148.103	143.840	-4.263
105	67	147.123	141.555	-5.568
105	68	146.670	141.830	-4.840
105	69	145.202	141.643	-3.559
	Max	148.227	145.140	1.323
	Average	143.485	142.059	-1.425
	Min	139.626	139.255	-5.568
	Std Dev	2.217	1.445	1.769



	19.43_tsr_EN2_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	140.174	141.211	141.860	141.137	####	142.406	####	####	140.172	####	141.555
Average	141.606	141.990	143.083	142.047	####	143.335	####	####	141.577	####	142.574
Max	144.034	142.810	144.991	142.875	####	144.723	####	####	143.251	####	144.004
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

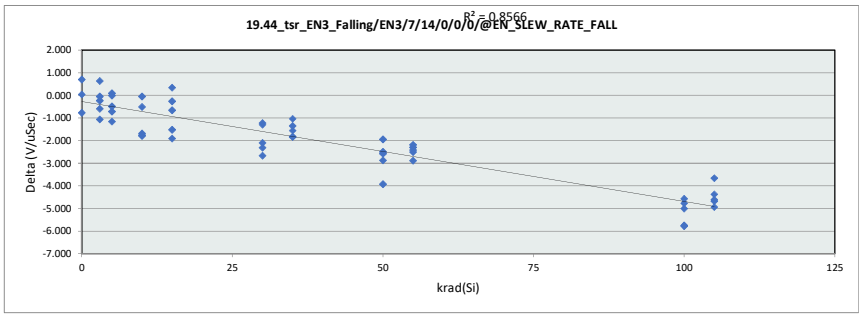


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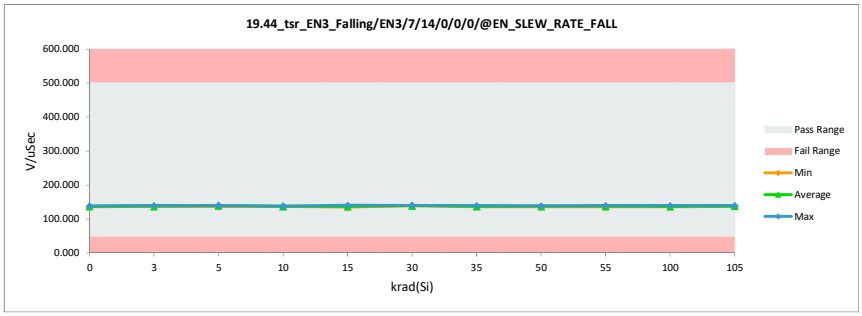
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.44_tsr_EN3_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	136.635	135.876	-0.759
0	14	135.854	136.568	0.714
0	15	138.434	138.486	0.052
3	20	137.549	137.512	-0.037
3	21	138.073	137.495	-0.578
3	22	138.998	139.643	0.645
3	23	137.286	137.068	-0.218
3	24	138.061	137.008	-1.053
5	25	138.678	138.783	0.105
5	26	139.697	138.552	-1.145
5	27	139.494	139.496	0.002
5	28	140.837	140.129	-0.708
5	29	137.766	137.286	-0.480
10	30	138.005	137.972	-0.033
10	31	137.348	136.850	-0.498
10	32	139.583	137.802	-1.781
10	33	138.268	136.595	-1.673
10	34	139.908	138.165	-1.743
15	35	136.022	135.373	-0.649
15	36	137.351	137.099	-0.252
15	37	136.726	134.829	-1.897
15	38	140.465	138.957	-1.508
15	39	139.996	140.346	0.350
30	40	141.384	139.081	-2.303
30	41	139.985	138.697	-1.288
30	42	141.618	140.401	-1.217
30	43	142.630	139.977	-2.653
30	44	141.228	139.141	-2.087
35	45	137.864	136.032	-1.832
35	46	139.115	137.306	-1.809
35	47	138.576	137.032	-1.544
35	48	140.369	139.346	-1.023
35	49	137.572	136.235	-1.337
50	50	139.911	137.978	-1.933
50	51	140.377	137.517	-2.860
50	52	138.914	136.345	-2.569
50	53	141.095	138.610	-2.485
50	54	141.969	138.054	-3.915
55	55	141.839	139.348	-2.491
55	56	138.803	136.401	-2.402
55	57	141.742	138.865	-2.877
55	58	138.683	136.397	-2.286
55	59	139.961	137.782	-2.179
100	60	144.674	139.675	-4.999
100	61	142.134	136.396	-5.738
100	62	142.391	136.622	-5.769
100	63	141.206	136.645	-4.561
100	64	140.625	135.865	-4.760
105	65	143.109	138.508	-4.601
105	66	143.205	139.556	-3.649
105	67	142.041	137.374	-4.667
105	68	143.394	138.466	-4.928
105	69	141.781	137.417	-4.364
	Max	144.674	140.401	0.714
	Average	139.797	137.829	-1.967
	Min	135.854	134.829	-5.769
	Std Dev	2.064	1.368	1.709



	19.44_tsr_EN3_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	135.876	137.008	137.286	136.595	####	138.697	####	####	136.397	####	137.374
Average	136.977	137.745	138.849	137.477	####	139.459	####	####	137.759	####	138.264
Max	138.486	139.643	140.129	138.165	####	140.401	####	####	139.348	####	139.556
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

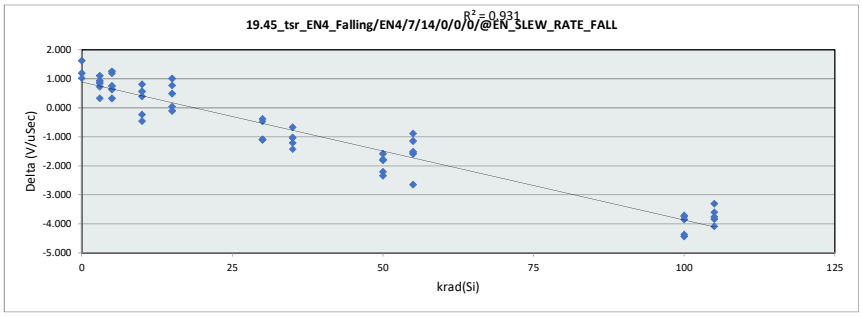


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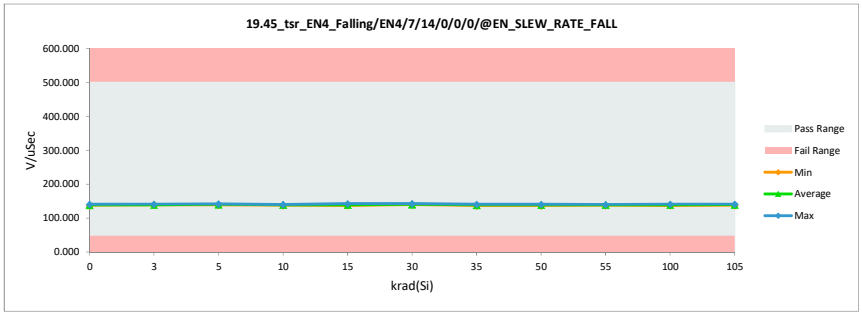
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.45_tsr_EN4_Falling/EN	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	137.221	138.430	1.209
0	14	137.194	138.231	1.037
0	15	139.565	141.202	1.637
3	20	138.587	139.448	0.861
3	21	138.716	139.662	0.946
3	22	140.691	141.427	0.736
3	23	138.630	138.972	0.342
3	24	138.826	139.942	1.116
5	25	137.958	139.160	1.202
5	26	138.897	140.165	1.268
5	27	140.565	140.901	0.336
5	28	141.393	142.037	0.644
5	29	139.218	139.984	0.766
10	30	139.711	140.118	0.407
10	31	137.389	138.214	0.825
10	32	140.894	140.453	-0.441
10	33	138.772	138.554	-0.218
10	34	140.012	140.591	0.579
15	35	137.776	138.796	1.020
15	36	137.146	137.927	0.781
15	37	137.966	138.020	0.054
15	38	140.366	140.869	0.503
15	39	143.111	143.016	-0.095
30	40	144.004	142.922	-1.082
30	41	141.192	140.739	-0.453
30	42	141.267	140.182	-1.085
30	43	142.526	141.450	-1.076
30	44	141.427	141.060	-0.367
35	45	140.654	139.245	-1.409
35	46	139.062	137.866	-1.196
35	47	139.882	138.860	-1.022
35	48	141.883	141.226	-0.657
35	49	138.409	137.403	-1.006
50	50	140.812	139.017	-1.795
50	51	142.354	140.027	-2.327
50	52	138.722	137.150	-1.572
50	53	143.020	140.830	-2.190
50	54	142.807	141.048	-1.759
55	55	141.788	140.215	-1.573
55	56	139.840	138.969	-0.871
55	57	143.396	140.763	-2.633
55	58	139.757	138.256	-1.501
55	59	140.984	139.851	-1.133
100	60	145.852	141.439	-4.413
100	61	142.739	139.015	-3.724
100	62	143.415	139.585	-3.830
100	63	144.002	140.308	-3.694
100	64	142.276	137.925	-4.351
105	65	144.529	140.711	-3.818
105	66	145.653	141.582	-4.071
105	67	142.524	138.939	-3.585
105	68	144.414	140.670	-3.744
105	69	141.705	138.414	-3.291
	Max	145.852	143.016	1.637
	Average	140.783	139.845	-0.938
	Min	137.146	137.150	-4.413
	Std Dev	2.264	1.371	1.762



	19.45_tsr_EN4_Falling/E										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	138.231	138.972	139.160	138.214	####	140.182	####	####	138.256	####	138.414
Average	139.288	139.890	140.449	139.586	####	141.271	####	####	139.611	####	140.063
Max	141.202	141.427	142.037	140.591	####	142.922	####	####	140.763	####	141.582
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

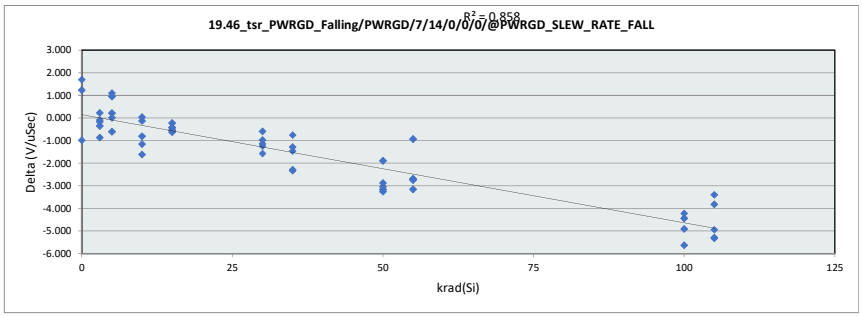


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

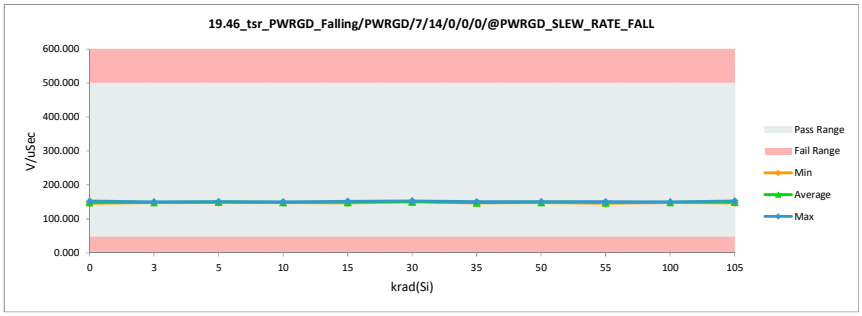
	19.46_tsr_PWRGD_Falling	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	147.420	149.124	1.704
0	14	147.070	146.098	-0.972
0	15	151.395	152.634	1.239
3	20	148.889	148.807	-0.082
3	21	149.362	149.195	-0.167
3	22	150.269	150.503	0.234
3	23	148.547	147.688	-0.859
3	24	149.216	148.873	-0.343
5	25	149.783	149.188	-0.595
5	26	149.709	150.819	1.110
5	27	148.308	148.329	0.021
5	28	150.742	151.706	0.964
5	29	150.124	150.346	0.222
10	30	150.996	150.878	-0.118
10	31	149.208	148.065	-1.143
10	32	150.981	149.373	-1.608
10	33	148.624	147.826	-0.798
10	34	149.898	149.946	0.048
15	35	148.635	148.111	-0.524
15	36	147.410	146.997	-0.413
15	37	148.279	147.855	-0.424
15	38	152.425	152.210	-0.215
15	39	153.001	152.389	-0.612
30	40	153.558	152.974	-0.584
30	41	150.972	149.734	-1.238
30	42	152.312	150.752	-1.560
30	43	152.180	151.216	-0.964
30	44	153.727	152.590	-1.137
35	45	149.471	147.151	-2.320
35	46	149.054	146.781	-2.273
35	47	149.935	148.483	-1.452
35	48	152.170	151.423	-0.747
35	49	149.849	148.574	-1.275
50	50	151.941	149.077	-2.864
50	51	152.295	149.048	-3.247
50	52	150.919	147.759	-3.160
50	53	153.361	151.477	-1.884
50	54	153.866	150.829	-3.037
55	55	151.944	151.022	-0.922
55	56	149.154	146.011	-3.143
55	57	153.528	150.790	-2.738
55	58	150.408	147.717	-2.691
55	59	151.716	149.032	-2.684
100	60	155.315	150.891	-4.424
100	61	154.018	149.121	-4.897
100	62	154.319	150.109	-4.210
100	63	154.952	149.333	-5.619
100	64	152.512	148.088	-4.424
105	65	154.438	150.628	-3.810
105	66	156.364	152.980	-3.384
105	67	153.022	147.715	-5.307
105	68	156.094	151.163	-4.931
105	69	152.643	147.366	-5.277
	Max	156.364	152.980	1.704
	Average	151.251	149.562	-1.689
	Min	147.070	146.011	-5.619
	Std Dev	2.321	1.811	1.848



	19.46_tsr_PWRGD_Fallin	
Test Site		
Tester		
Test Number		
Max Limit	500	V/uSec
Min Limit	48	V/uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	146.098	147.688	148.329	147.826	####	149.734	####	####	146.011	####	147.366
Average	149.285	149.013	150.078	149.218	####	151.453	####	####	148.914	####	149.970
Max	152.634	150.503	151.706	150.878	####	152.974	####	####	151.022	####	152.980
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

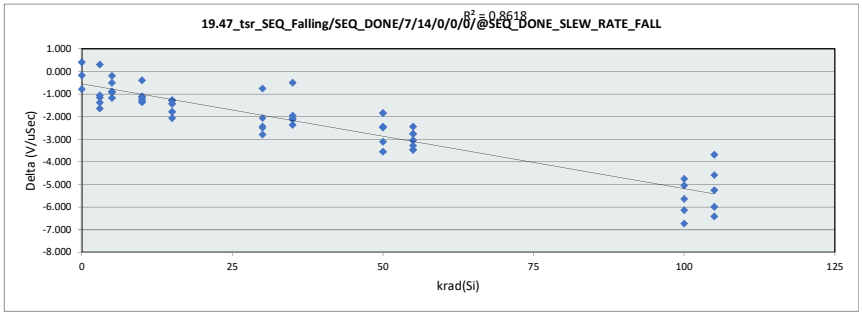


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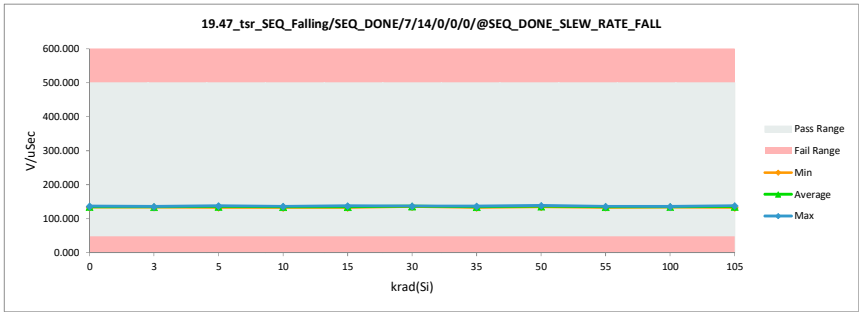
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	19.47_tsr_SEQ_Falling/SE	
Test Site		
Tester		
Test Number		
Unit	V/uSec	V/uSec
Max Limit	500	500
Min Limit	44	48

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	134.285	134.711	0.426
0	14	134.245	134.086	-0.159
0	15	137.808	137.042	-0.766
3	20	135.890	134.524	-1.366
3	21	135.754	136.074	0.320
3	22	136.260	135.220	-1.040
3	23	135.480	133.861	-1.619
3	24	136.742	135.609	-1.133
5	25	136.410	135.529	-0.881
5	26	137.887	136.983	-0.904
5	27	133.826	133.644	-0.182
5	28	138.260	137.769	-0.491
5	29	137.640	136.481	-1.159
10	30	136.992	136.613	-0.379
10	31	136.160	134.905	-1.255
10	32	136.226	135.136	-1.090
10	33	134.285	132.946	-1.339
10	34	136.480	135.312	-1.168
15	35	135.378	133.966	-1.412
15	36	136.521	134.473	-2.048
15	37	134.220	132.959	-1.261
15	38	137.550	135.785	-1.765
15	39	139.054	137.785	-1.269
30	40	139.618	137.135	-2.483
30	41	138.503	135.730	-2.773
30	42	139.172	137.121	-2.051
30	43	138.031	137.290	-0.741
30	44	139.826	137.409	-2.417
35	45	136.432	134.366	-2.066
35	46	134.968	133.033	-1.935
35	47	136.057	133.953	-2.104
35	48	139.484	137.137	-2.347
35	49	136.008	135.524	-0.484
50	50	138.360	135.265	-3.095
50	51	137.314	134.850	-2.464
50	52	136.828	135.003	-1.825
50	53	140.642	137.105	-3.537
50	54	141.354	138.920	-2.434
55	55	139.681	136.420	-3.261
55	56	136.800	133.344	-3.456
55	57	139.085	136.339	-2.746
55	58	137.139	134.719	-2.420
55	59	137.702	134.678	-3.024
100	60	142.699	135.986	-6.713
100	61	141.607	135.981	-5.626
100	62	139.960	135.229	-4.731
100	63	141.166	135.051	-6.115
100	64	139.647	134.619	-5.028
105	65	140.278	136.609	-3.669
105	66	143.573	138.340	-5.233
105	67	139.350	132.955	-6.395
105	68	142.849	136.879	-5.970
105	69	138.796	134.235	-4.561
	Max	143.573	138.920	0.426
	Average	137.854	135.521	-2.333
	Min	133.826	132.946	-6.713
	Std Dev	2.342	1.469	1.788



	19.47_tsr_SEQ_Falling/S										
Test Site											
Tester											
Test Number											
Max Limit	500	V/uSec									
Min Limit	48	V/uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000
Min	134.086	133.861	133.644	132.946	####	135.730	####	####	133.344	####	132.955
Average	135.280	135.058	136.081	134.982	####	136.937	####	####	135.100	####	135.804
Max	137.042	136.074	137.769	136.613	####	137.409	####	####	136.420	####	138.340
UL	500.000	500.000	500.000	500.000	####	500.000	####	####	500.000	####	500.000

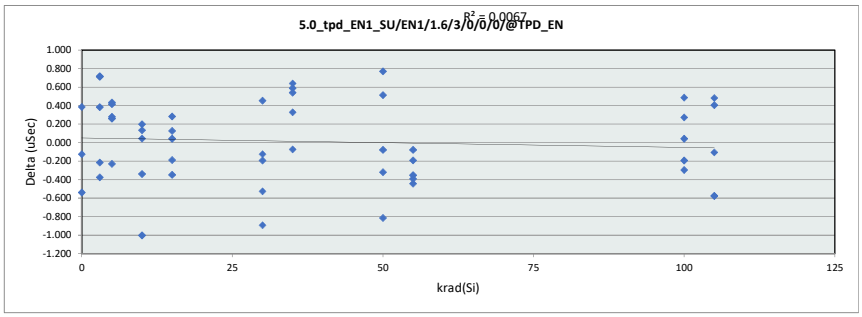


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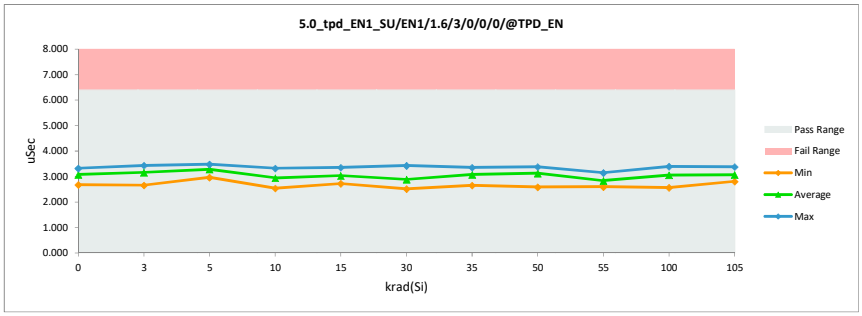
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.0_tpd_EN1_SU/EN1/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.213	2.678	-0.535
0	14	3.447	3.326	-0.121
0	15	2.840	3.230	0.390
3	20	2.716	3.433	0.717
3	21	3.053	3.441	0.388
3	22	2.585	3.306	0.721
3	23	3.351	2.979	-0.372
3	24	2.874	2.662	-0.212
5	25	2.866	3.305	0.439
5	26	2.702	2.966	0.264
5	27	3.005	3.425	0.420
5	28	3.474	3.249	-0.225
5	29	3.200	3.483	0.283
10	30	3.278	3.326	0.048
10	31	3.052	2.717	-0.335
10	32	3.009	3.212	0.203
10	33	3.539	2.540	-0.999
10	34	2.798	2.936	0.138
15	35	3.409	3.064	-0.345
15	36	3.030	3.076	0.046
15	37	3.228	3.358	0.130
15	38	2.912	2.727	-0.185
15	39	2.684	2.971	0.287
30	40	3.204	3.083	-0.121
30	41	2.973	3.431	0.458
30	42	3.043	2.854	-0.189
30	43	3.037	2.514	-0.523
30	44	3.440	2.550	-0.890
35	45	2.577	2.909	0.332
35	46	2.716	3.309	0.593
35	47	2.716	3.360	0.644
35	48	2.724	2.655	-0.069
35	49	2.625	3.169	0.544
50	50	3.437	3.121	-0.316
50	51	2.613	3.388	0.775
50	52	3.278	3.204	-0.074
50	53	3.399	2.589	-0.810
50	54	2.841	3.358	0.517
55	55	3.229	2.842	-0.387
55	56	3.337	3.149	-0.188
55	57	3.341	2.902	-0.439
55	58	3.049	2.702	-0.347
55	59	2.678	2.603	-0.075
100	60	2.875	3.151	0.276
100	61	3.037	2.848	-0.189
100	62	2.863	2.571	-0.292
100	63	3.355	3.401	0.046
100	64	2.829	3.319	0.490
105	65	2.896	3.383	0.487
105	66	3.317	3.215	-0.102
105	67	3.439	2.868	-0.571
105	68	2.666	3.075	0.409
105	69	3.381	2.808	-0.573
	Max	3.539	3.483	0.775
	Average	3.041	3.052	0.011
	Min	2.577	2.514	-0.999
	Std Dev	0.285	0.295	0.438



	5.0_tpd_EN1_SU/EN1/1.										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.678	2.662	2.966	2.540	2.727	2.514	2.655	2.589	2.603	2.571	2.808
Average	3.078	3.164	3.286	2.946	3.039	2.886	3.080	3.132	2.840	3.058	3.070
Max	3.326	3.441	3.483	3.326	3.358	3.431	3.360	3.388	3.149	3.401	3.383
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

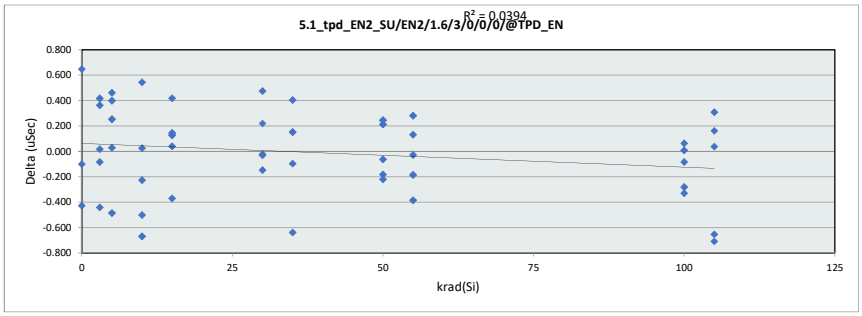


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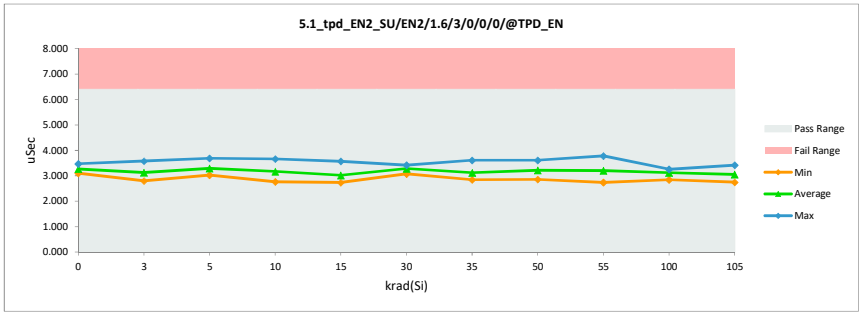
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.1_tpd_EN2_SU/EN2/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.821	3.471	0.650
0	14	3.206	3.107	-0.099
0	15	3.633	3.207	-0.426
3	20	2.920	2.839	-0.081
3	21	3.211	3.576	0.365
3	22	3.140	3.559	0.419
3	23	3.242	2.803	-0.439
3	24	2.830	2.850	0.020
5	25	2.793	3.257	0.464
5	26	2.792	3.193	0.401
5	27	3.511	3.028	-0.483
5	28	3.253	3.283	0.030
5	29	3.437	3.692	0.255
10	30	3.573	3.074	-0.499
10	31	3.115	3.661	0.546
10	32	3.390	3.417	0.027
10	33	3.614	2.947	-0.667
10	34	2.992	2.768	-0.224
15	35	2.927	3.073	0.146
15	36	2.776	2.905	0.129
15	37	3.105	2.737	-0.368
15	38	3.154	3.574	0.420
15	39	2.777	2.819	0.042
30	40	3.007	3.228	0.221
30	41	2.895	3.372	0.477
30	42	3.223	3.077	-0.146
30	43	3.439	3.421	-0.018
30	44	3.352	3.323	-0.029
35	45	2.834	2.987	0.153
35	46	2.889	3.295	0.406
35	47	2.937	2.843	-0.094
35	48	3.459	3.614	0.155
35	49	3.501	2.864	-0.637
50	50	3.365	3.613	0.248
50	51	3.039	2.859	-0.180
50	52	3.393	3.175	-0.218
50	53	3.595	3.534	-0.061
50	54	2.713	2.927	0.214
55	55	3.380	2.997	-0.383
55	56	3.000	3.283	0.283
55	57	3.425	3.241	-0.184
55	58	2.766	2.739	-0.027
55	59	3.647	3.780	0.133
100	60	3.440	3.161	-0.279
100	61	3.340	3.258	-0.082
100	62	3.485	3.158	-0.327
100	63	2.782	2.847	0.065
100	64	3.182	3.192	0.010
105	65	3.456	2.750	-0.706
105	66	2.727	2.890	0.163
105	67	3.598	2.947	-0.651
105	68	3.113	3.423	0.310
105	69	3.241	3.280	0.039
	Max	3.647	3.780	0.650
	Average	3.178	3.168	-0.010
	Min	2.713	2.737	-0.706
	Std Dev	0.288	0.288	0.335



	5.1_tpd_EN2_SU/EN2/1.										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.107	2.803	3.028	2.768	2.737	3.077	2.843	2.859	2.739	2.847	2.750
Average	3.262	3.125	3.291	3.173	3.022	3.284	3.121	3.222	3.208	3.123	3.058
Max	3.471	3.576	3.692	3.661	3.574	3.421	3.614	3.613	3.780	3.258	3.423
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

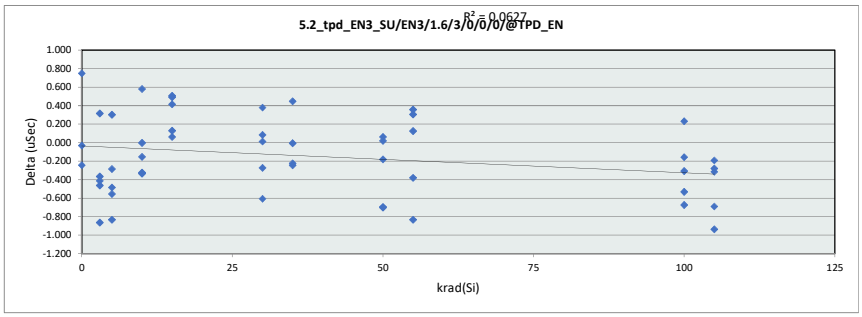


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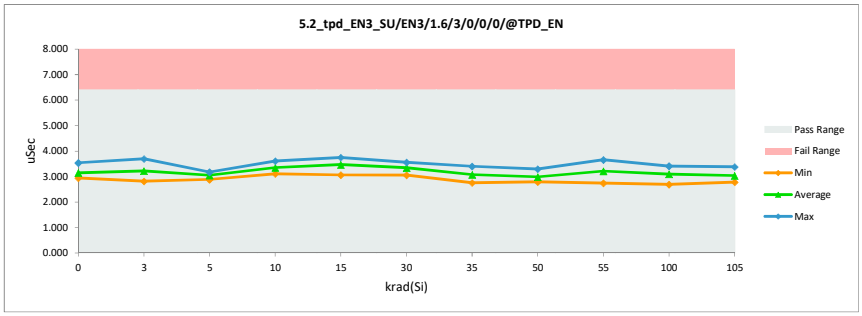
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.2_tpd_EN3_SU/EN3/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.207	2.967	-0.240
0	14	2.972	2.943	-0.029
0	15	2.786	3.538	0.752
3	20	3.580	3.121	-0.459
3	21	3.478	3.068	-0.410
3	22	3.376	3.695	0.319
3	23	3.758	3.396	-0.362
3	24	3.678	2.817	-0.861
5	25	3.582	3.101	-0.481
5	26	3.449	3.167	-0.282
5	27	3.471	2.920	-0.551
5	28	3.719	2.888	-0.831
5	29	2.869	3.174	0.305
10	30	3.109	3.109	0.000
10	31	3.564	3.243	-0.321
10	32	3.764	3.614	-0.150
10	33	3.651	3.318	-0.333
10	34	2.903	3.487	0.584
15	35	3.484	3.549	0.065
15	36	3.129	3.638	0.509
15	37	2.930	3.062	0.132
15	38	3.329	3.747	0.418
15	39	2.862	3.358	0.496
30	40	3.660	3.056	-0.604
30	41	2.913	3.294	0.381
30	42	3.472	3.559	0.087
30	43	3.547	3.562	0.015
30	44	3.519	3.249	-0.270
35	45	3.205	3.200	-0.005
35	46	2.757	3.208	0.451
35	47	3.052	2.809	-0.243
35	48	2.758	2.757	-0.001
35	49	3.624	3.404	-0.220
50	50	3.188	3.010	-0.178
50	51	3.234	3.300	0.066
50	52	3.581	2.882	-0.699
50	53	3.480	2.789	-0.691
50	54	2.933	2.955	0.022
55	55	3.528	3.657	0.129
55	56	2.797	3.158	0.361
55	57	3.223	3.531	0.308
55	58	3.576	2.746	-0.830
55	59	3.363	2.986	-0.377
100	60	3.568	3.413	-0.155
100	61	3.502	2.832	-0.670
100	62	3.223	2.694	-0.529
100	63	3.703	3.399	-0.304
100	64	2.911	3.145	0.234
105	65	3.632	2.946	-0.686
105	66	3.349	3.037	-0.312
105	67	3.718	2.785	-0.933
105	68	3.574	3.386	-0.188
105	69	3.323	3.047	-0.276
	Max	3.764	3.747	0.752
	Average	3.331	3.183	-0.148
	Min	2.757	2.694	-0.933
	Std Dev	0.307	0.285	0.414



	5.2_tpd_EN3_SU/EN3/1.										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.943	2.817	2.888	3.109	3.062	3.056	2.757	2.789	2.746	2.694	2.785
Average	3.149	3.219	3.050	3.354	3.471	3.344	3.076	2.987	3.216	3.097	3.040
Max	3.538	3.695	3.174	3.614	3.747	3.562	3.404	3.300	3.657	3.413	3.386
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

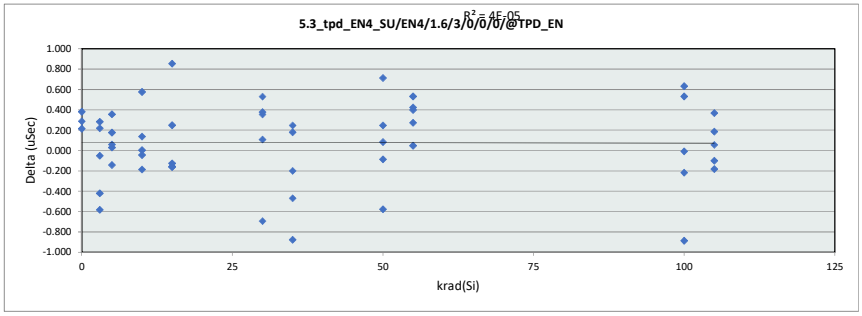


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

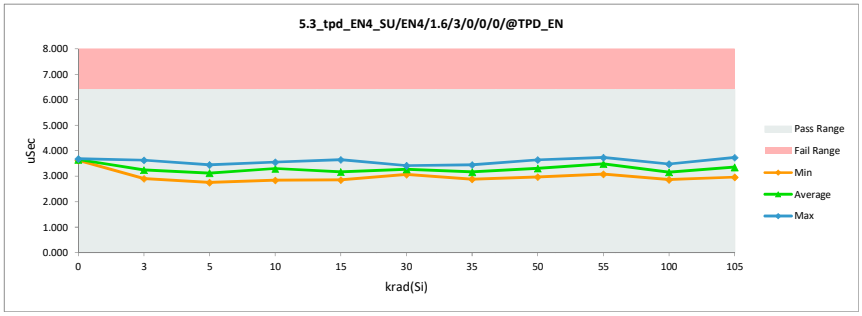
	5.3_tpd_EN4_SU/EN4/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.468	3.685	0.217
0	14	3.332	3.623	0.291
0	15	3.270	3.653	0.383
3	20	3.325	2.908	-0.417
3	21	3.723	3.143	-0.580
3	22	2.953	3.239	0.286
3	23	3.412	3.634	0.222
3	24	3.359	3.311	-0.048
5	25	3.184	3.245	0.061
5	26	2.977	3.010	0.033
5	27	2.985	3.165	0.180
5	28	3.088	3.448	0.360
5	29	2.896	2.756	-0.140
10	30	3.410	3.551	0.141
10	31	2.877	3.455	0.578
10	32	3.371	3.377	0.006
10	33	2.882	2.841	-0.041
10	34	3.490	3.307	-0.183
15	35	3.063	2.906	-0.157
15	36	3.123	3.000	-0.123
15	37	2.793	3.649	0.856
15	38	3.214	3.466	0.252
15	39	3.013	2.856	-0.157
30	40	2.942	3.322	0.380
30	41	3.056	3.414	0.358
30	42	3.761	3.071	-0.690
30	43	3.151	3.262	0.111
30	44	2.763	3.295	0.532
35	45	3.762	2.889	-0.873
35	46	3.443	2.976	-0.467
35	47	2.854	3.103	0.249
35	48	3.617	3.421	-0.196
35	49	3.265	3.447	0.182
50	50	2.884	2.970	0.086
50	51	2.930	3.645	0.715
50	52	3.740	3.166	-0.574
50	53	3.209	3.125	-0.084
50	54	3.387	3.637	0.250
55	55	2.808	3.084	0.276
55	56	3.189	3.616	0.427
55	57	3.198	3.732	0.534
55	58	2.854	3.256	0.402
55	59	3.686	3.737	0.051
100	60	3.120	2.906	-0.214
100	61	3.170	3.165	-0.005
100	62	2.758	3.393	0.635
100	63	3.751	2.867	-0.884
100	64	2.949	3.483	0.534
105	65	3.232	3.603	0.371
105	66	3.213	3.035	-0.178
105	67	3.061	2.964	-0.097
105	68	3.676	3.735	0.059
105	69	3.250	3.439	0.189
	Max	3.762	3.737	0.856
	Average	3.205	3.283	0.077
	Min	2.758	2.756	-0.884
	Std Dev	0.291	0.284	0.381



	5.3_tpd_EN4_SU/EN4/1.	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.623	2.908	2.756	2.841	2.856	3.071	2.889	2.970	3.084	2.867	2.964
Average	3.654	3.247	3.125	3.306	3.175	3.273	3.167	3.309	3.485	3.163	3.355
Max	3.685	3.634	3.448	3.551	3.649	3.414	3.447	3.645	3.737	3.483	3.735
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

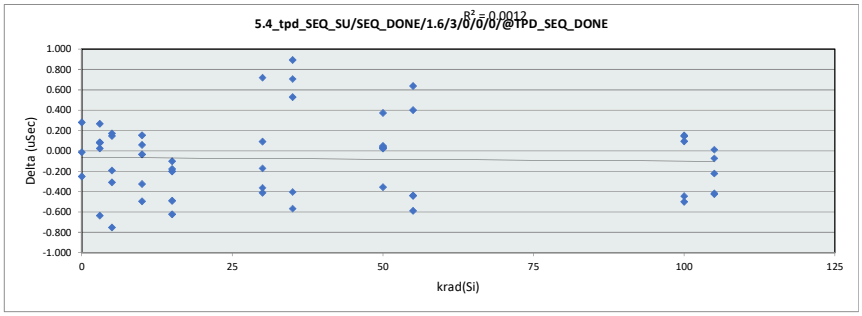


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

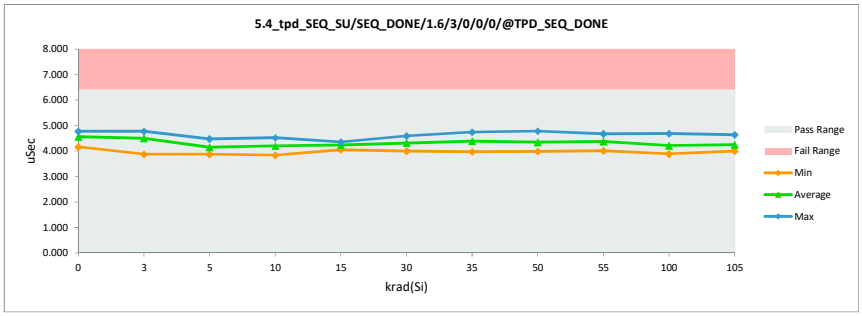
	5.4_tpd_SEQ_SU/SEQ_DO	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.788	4.777	-0.011
0	14	4.474	4.757	0.283
0	15	4.417	4.167	-0.250
3	20	4.446	4.531	0.085
3	21	4.652	4.679	0.027
3	22	4.513	3.880	-0.633
3	23	4.580	4.665	0.085
3	24	4.509	4.778	0.269
5	25	4.667	4.476	-0.191
5	26	4.010	4.160	0.150
5	27	4.101	4.275	0.174
5	28	4.184	3.878	-0.306
5	29	4.718	3.969	-0.749
10	30	4.384	4.352	-0.032
10	31	4.710	4.218	-0.492
10	32	4.025	4.086	0.061
10	33	4.367	4.523	0.156
10	34	4.164	3.842	-0.322
15	35	4.471	4.295	-0.176
15	36	4.658	4.170	-0.488
15	37	4.457	4.358	-0.099
15	38	4.667	4.047	-0.620
15	39	4.511	4.313	-0.198
30	40	4.814	4.405	-0.409
30	41	4.173	4.004	-0.169
30	42	4.266	4.360	0.094
30	43	3.875	4.597	0.722
30	44	4.575	4.214	-0.361
35	45	4.668	4.104	-0.564
35	46	3.869	4.399	0.530
35	47	4.380	3.979	-0.401
35	48	3.853	4.748	0.895
35	49	3.994	4.703	0.709
50	50	4.346	3.992	-0.354
50	51	4.321	4.354	0.033
50	52	4.736	4.786	0.050
50	53	4.178	4.203	0.025
50	54	4.016	4.392	0.376
55	55	4.757	4.318	-0.439
55	56	4.676	4.240	-0.436
55	57	4.278	4.681	0.403
55	58	3.965	4.606	0.641
55	59	4.603	4.017	-0.586
100	60	4.147	4.295	0.148
100	61	4.587	4.685	0.098
100	62	4.063	4.218	0.155
100	63	4.331	3.889	-0.442
100	64	4.507	4.009	-0.498
105	65	4.073	4.002	-0.071
105	66	4.630	4.207	-0.423
105	67	4.626	4.640	0.014
105	68	4.385	4.165	-0.220
105	69	4.655	4.240	-0.415
	Max	4.814	4.786	0.895
	Average	4.393	4.314	-0.079
	Min	3.853	3.842	-0.749
	Std Dev	0.271	0.276	0.380



	5.4_tpd_SEQ_SU/SEQ_D	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.167	3.880	3.878	3.842	4.047	4.004	3.979	3.992	4.017	3.889	4.002
Average	4.567	4.507	4.152	4.204	4.237	4.316	4.387	4.345	4.372	4.219	4.251
Max	4.777	4.778	4.476	4.523	4.358	4.597	4.748	4.786	4.681	4.685	4.640
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

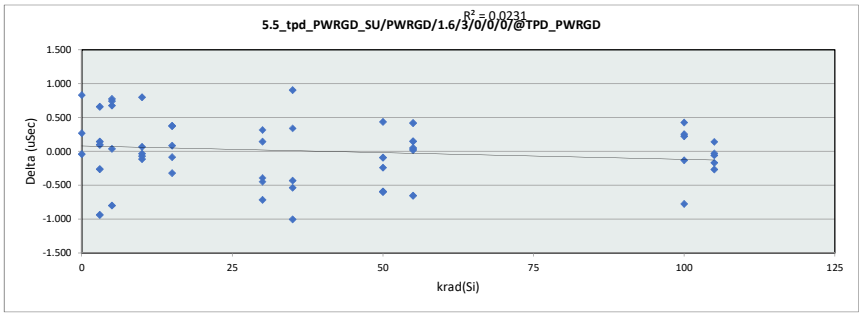


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

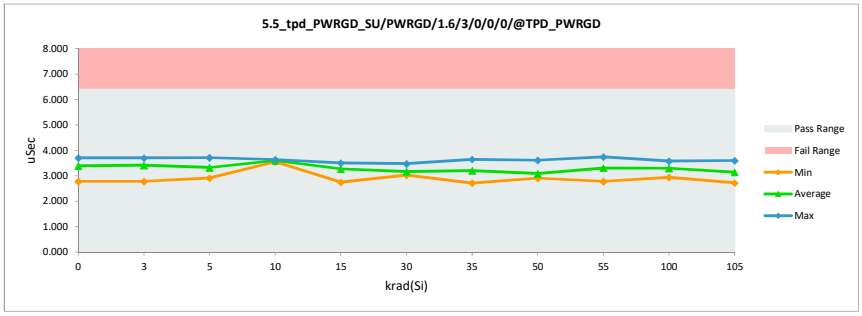
	5.5_tpd_PWRGD_SU/PWR	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.869	3.705	0.836
0	14	3.404	3.676	0.272
0	15	2.820	2.783	-0.037
3	20	3.606	3.707	0.101
3	21	3.028	3.692	0.664
3	22	3.570	3.313	-0.257
3	23	3.713	2.781	-0.932
3	24	3.453	3.600	0.147
5	25	2.911	2.954	0.043
5	26	2.722	3.404	0.682
5	27	2.873	3.651	0.778
5	28	2.965	3.711	0.746
5	29	3.708	2.913	-0.795
10	30	3.620	3.591	-0.029
10	31	2.836	3.640	0.804
10	32	3.702	3.636	-0.066
10	33	3.700	3.591	-0.109
10	34	3.480	3.551	0.071
15	35	3.124	3.506	0.382
15	36	3.713	3.398	-0.315
15	37	3.326	3.416	0.090
15	38	2.834	2.753	-0.081
15	39	2.931	3.309	0.378
30	40	3.158	3.479	0.321
30	41	3.555	3.110	-0.445
30	42	3.745	3.034	-0.711
30	43	2.952	3.101	0.149
30	44	3.510	3.123	-0.387
35	45	2.736	3.646	0.910
35	46	3.289	3.633	0.344
35	47	3.610	3.078	-0.532
35	48	3.715	2.717	-0.998
35	49	3.396	2.970	-0.426
50	50	3.602	3.014	-0.588
50	51	3.174	3.613	0.439
50	52	2.996	2.908	-0.088
50	53	3.538	2.944	-0.594
50	54	3.192	2.957	-0.235
55	55	3.510	3.535	0.025
55	56	3.592	3.745	0.153
55	57	3.101	3.155	0.054
55	58	3.434	2.785	-0.649
55	59	2.899	3.322	0.423
100	60	3.711	2.940	-0.771
100	61	3.350	3.578	0.228
100	62	3.479	3.353	-0.126
100	63	3.134	3.564	0.430
100	64	2.816	3.075	0.259
105	65	3.624	3.599	-0.025
105	66	3.195	3.032	-0.163
105	67	3.546	3.284	-0.262
105	68	2.923	3.069	0.146
105	69	2.779	2.725	-0.054
	Max	3.745	3.745	0.910
	Average	3.286	3.290	0.004
	Min	2.722	2.717	-0.998
	Std Dev	0.332	0.327	0.471



	5.5_tpd_PWRGD_SU/PW	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.783	2.781	2.913	3.551	2.753	3.034	2.717	2.908	2.785	2.940	2.725
Average	3.388	3.419	3.327	3.602	3.276	3.169	3.209	3.087	3.308	3.302	3.142
Max	3.705	3.707	3.711	3.640	3.506	3.479	3.646	3.613	3.745	3.578	3.599
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

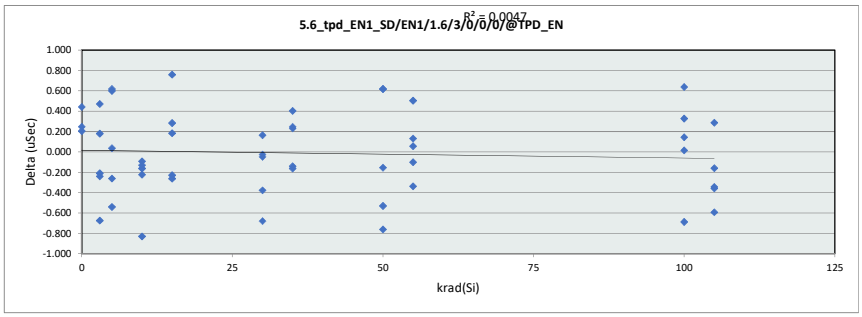


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

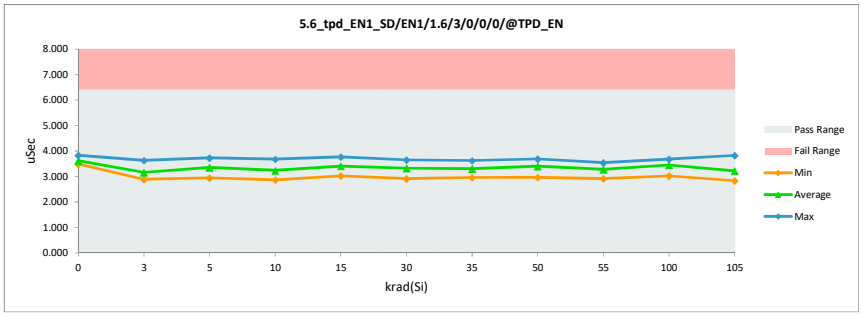
	5.6_tpd_EN1_SD/EN1/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.237	3.488	0.251
0	14	3.326	3.534	0.208
0	15	3.393	3.838	0.445
3	20	3.449	3.633	0.184
3	21	3.198	2.990	-0.208
3	22	3.562	2.890	-0.672
3	23	2.888	3.363	0.475
3	24	3.189	2.953	-0.236
5	25	3.205	2.947	-0.258
5	26	2.846	3.448	0.602
5	27	3.603	3.643	0.040
5	28	3.110	3.731	0.621
5	29	3.558	3.020	-0.538
10	30	3.702	3.612	-0.090
10	31	3.694	2.867	-0.827
10	32	3.145	2.985	-0.160
10	33	3.293	3.072	-0.221
10	34	3.813	3.686	-0.127
15	35	3.288	3.029	-0.259
15	36	3.468	3.243	-0.225
15	37	3.482	3.769	0.287
15	38	3.192	3.379	0.187
15	39	2.878	3.641	0.763
30	40	3.426	3.404	-0.022
30	41	3.490	3.657	0.167
30	42	3.594	2.917	-0.677
30	43	3.776	3.402	-0.374
30	44	3.317	3.272	-0.045
35	45	2.930	3.336	0.406
35	46	3.659	3.500	-0.159
35	47	2.885	3.120	0.235
35	48	3.097	2.960	-0.137
35	49	3.375	3.626	0.251
50	50	3.790	3.638	-0.152
50	51	3.074	3.696	0.622
50	52	3.029	3.650	0.621
50	53	3.819	3.060	-0.759
50	54	3.498	2.971	-0.527
55	55	3.019	2.921	-0.098
55	56	3.370	3.035	-0.335
55	57	3.486	3.546	0.060
55	58	2.845	3.353	0.508
55	59	3.402	3.537	0.135
100	60	3.713	3.029	-0.684
100	61	3.463	3.481	0.018
100	62	3.134	3.465	0.331
100	63	3.541	3.688	0.147
100	64	2.961	3.602	0.641
105	65	3.597	3.258	-0.339
105	66	3.513	3.159	-0.354
105	67	3.191	3.035	-0.156
105	68	3.428	2.839	-0.589
105	69	3.540	3.830	0.290
	Max	3.819	3.838	0.763
	Average	3.349	3.335	-0.014
	Min	2.845	2.839	-0.827
	Std Dev	0.274	0.304	0.405



	5.6_tpd_EN1_SD/EN1/1.	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.488	2.890	2.947	2.867	3.029	2.917	2.960	2.971	2.921	3.029	2.839
Average	3.620	3.166	3.358	3.244	3.412	3.330	3.308	3.403	3.278	3.453	3.224
Max	3.838	3.633	3.731	3.686	3.769	3.657	3.626	3.696	3.546	3.688	3.830
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

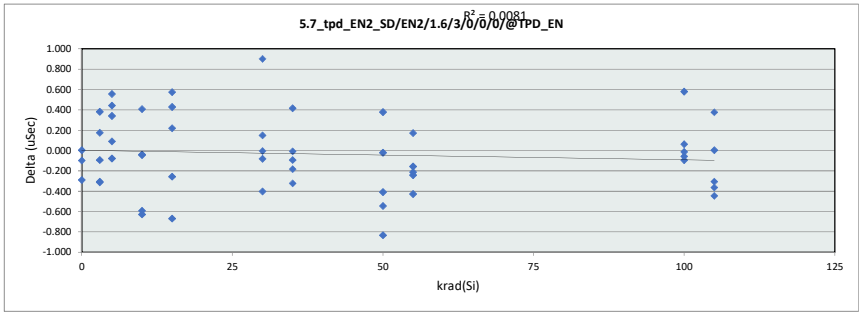


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

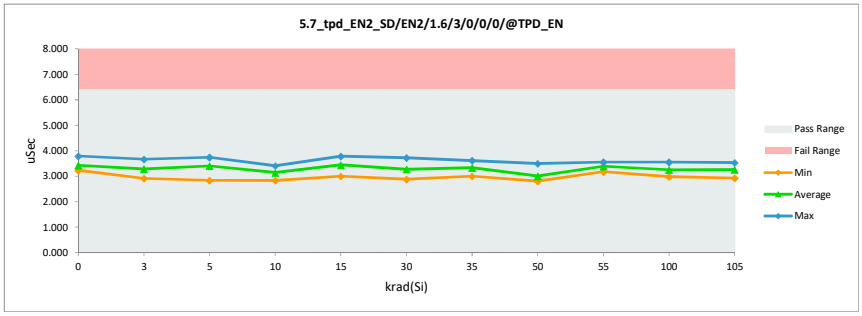
	5.7_tpd_EN2_SD/EN2/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.326	3.231	-0.095
0	14	3.555	3.269	-0.286
0	15	3.784	3.791	0.007
3	20	2.981	3.160	0.179
3	21	3.455	3.147	-0.308
3	22	3.215	2.913	-0.302
3	23	3.754	3.665	-0.089
3	24	3.167	3.551	0.384
5	25	3.021	3.365	0.344
5	26	2.913	2.838	-0.075
5	27	2.842	3.401	0.559
5	28	3.649	3.743	0.094
5	29	3.228	3.673	0.445
10	30	3.421	2.832	-0.589
10	31	3.315	3.280	-0.035
10	32	3.056	3.016	-0.040
10	33	3.003	3.413	0.410
10	34	3.805	3.181	-0.624
15	35	3.667	3.002	-0.665
15	36	3.136	3.713	0.577
15	37	3.064	3.286	0.222
15	38	3.704	3.450	-0.254
15	39	3.351	3.783	0.432
30	40	3.801	3.723	-0.078
30	41	3.280	2.881	-0.399
30	42	3.046	3.044	-0.002
30	43	2.822	3.727	0.905
30	44	2.831	2.983	0.152
35	45	3.622	3.617	-0.005
35	46	3.568	3.250	-0.318
35	47	2.889	3.307	0.418
35	48	3.088	2.998	-0.090
35	49	3.657	3.478	-0.179
50	50	3.645	2.816	-0.829
50	51	3.116	3.497	0.381
50	52	3.289	2.883	-0.406
50	53	2.823	2.805	-0.018
50	54	3.580	3.039	-0.541
55	55	3.246	3.421	0.175
55	56	3.791	3.553	-0.238
55	57	3.689	3.480	-0.209
55	58	3.769	3.346	-0.423
55	59	3.327	3.173	-0.154
100	60	3.562	3.552	-0.010
100	61	3.034	2.980	-0.054
100	62	2.964	3.546	0.582
100	63	3.172	3.081	-0.091
100	64	3.040	3.105	0.065
105	65	3.367	2.925	-0.442
105	66	3.007	3.387	0.380
105	67	3.290	2.988	-0.302
105	68	3.530	3.537	0.007
105	69	3.824	3.465	-0.359
	Max	3.824	3.791	0.905
	Average	3.322	3.288	-0.034
	Min	2.822	2.805	-0.829
	Std Dev	0.313	0.294	0.364



	5.7_tpd_EN2_SD/EN2/1.	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.231	2.913	2.838	2.832	3.002	2.881	2.998	2.805	3.173	2.980	2.925
Average	3.430	3.287	3.404	3.144	3.447	3.272	3.330	3.008	3.395	3.253	3.260
Max	3.791	3.665	3.743	3.413	3.783	3.727	3.617	3.497	3.553	3.552	3.537
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

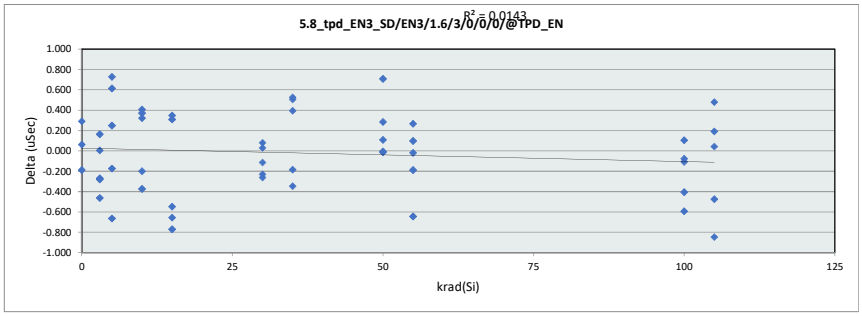


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

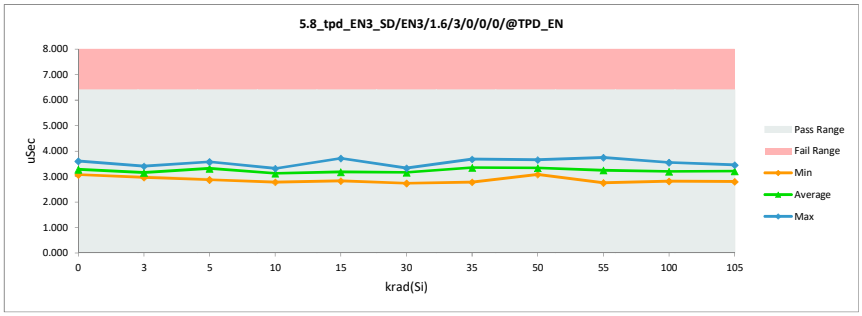
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Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.261	3.076	-0.185
0	14	3.310	3.605	0.295
0	15	3.098	3.163	0.065
3	20	3.535	3.076	-0.459
3	21	2.870	3.036	0.166
3	22	3.244	2.968	-0.276
3	23	3.676	3.409	-0.267
3	24	3.296	3.304	0.008
5	25	2.812	3.542	0.730
5	26	3.535	2.875	-0.660
5	27	2.873	3.124	0.251
5	28	2.859	3.475	0.616
5	29	3.747	3.577	-0.170
10	30	3.152	2.780	-0.372
10	31	3.314	3.118	-0.196
10	32	2.831	3.206	0.375
10	33	2.885	3.210	0.325
10	34	2.906	3.317	0.411
15	35	3.075	3.388	0.313
15	36	3.679	2.912	-0.767
15	37	3.618	3.073	-0.545
15	38	3.365	3.717	0.352
15	39	3.482	2.829	-0.653
30	40	3.355	3.128	-0.227
30	41	3.245	3.329	0.084
30	42	3.250	3.283	0.033
30	43	2.996	2.737	-0.259
30	44	3.446	3.334	-0.112
35	45	3.285	3.682	0.397
35	46	2.958	3.466	0.508
35	47	2.964	2.782	-0.182
35	48	3.641	3.297	-0.344
35	49	3.009	3.539	0.530
50	50	2.800	3.088	0.288
50	51	3.314	3.312	-0.002
50	52	2.839	3.551	0.712
50	53	3.546	3.657	0.111
50	54	3.094	3.083	-0.011
55	55	3.650	3.752	0.102
55	56	3.400	3.669	0.269
55	57	3.004	2.988	-0.016
55	58	2.944	2.759	-0.185
55	59	3.722	3.081	-0.641
100	60	3.656	3.552	-0.104
100	61	3.406	2.816	-0.590
100	62	3.322	3.248	-0.074
100	63	3.314	2.912	-0.402
100	64	3.369	3.477	0.108
105	65	3.410	3.456	0.046
105	66	3.039	3.234	0.195
105	67	3.645	2.802	-0.843
105	68	3.668	3.197	-0.471
105	69	2.887	3.369	0.482
	Max	3.747	3.752	0.730
	Average	3.257	3.233	-0.023
	Min	2.800	2.737	-0.843
	Std Dev	0.291	0.283	0.390



	5.8_tpd_EN3_SD/EN3/1.	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.076	2.968	2.875	2.780	2.829	2.737	2.782	3.083	2.759	2.816	2.802
Average	3.281	3.159	3.319	3.126	3.184	3.162	3.353	3.338	3.250	3.201	3.212
Max	3.605	3.409	3.577	3.317	3.717	3.334	3.682	3.657	3.752	3.552	3.456
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

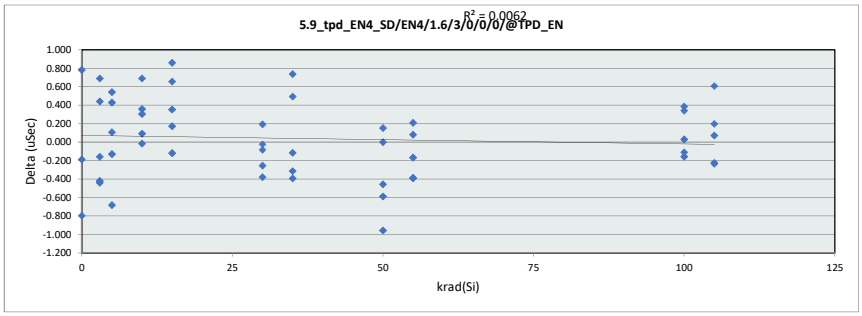


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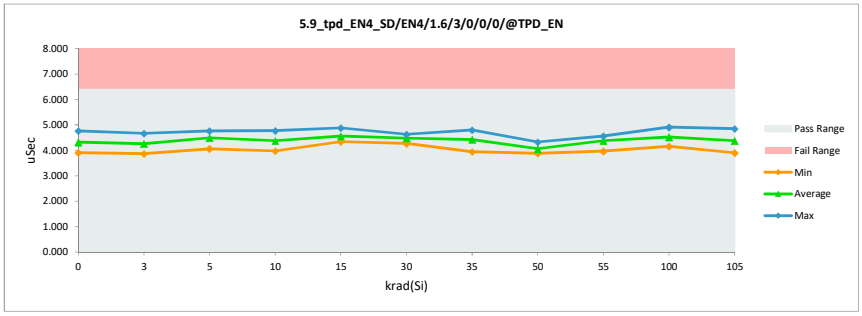
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.9_tpd_EN4_SD/EN4/1.6	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.704	3.911	-0.793
0	14	3.982	4.767	0.785
0	15	4.479	4.295	-0.184
3	20	3.974	4.667	0.693
3	21	4.141	4.586	0.445
3	22	4.228	4.074	-0.154
3	23	4.562	4.126	-0.436
3	24	4.288	3.872	-0.416
5	25	4.741	4.064	-0.677
5	26	4.653	4.765	0.112
5	27	4.290	4.723	0.433
5	28	4.374	4.248	-0.126
5	29	4.110	4.656	0.546
10	30	3.883	3.978	0.095
10	31	4.413	4.775	0.362
10	32	3.995	4.688	0.693
10	33	4.054	4.362	0.308
10	34	4.118	4.106	-0.012
15	35	4.650	4.535	-0.115
15	36	4.020	4.376	0.356
15	37	3.812	4.674	0.862
15	38	4.224	4.883	0.659
15	39	4.167	4.343	0.176
30	40	4.870	4.620	-0.250
30	41	4.801	4.426	-0.375
30	42	4.539	4.460	-0.079
30	43	4.433	4.629	0.196
30	44	4.290	4.271	-0.019
35	45	4.909	4.798	-0.111
35	46	3.883	4.380	0.497
35	47	3.906	4.647	0.741
35	48	4.262	3.952	-0.310
35	49	4.761	4.372	-0.389
50	50	4.173	4.177	0.004
50	51	4.869	3.917	-0.952
50	52	4.175	4.331	0.156
50	53	4.461	4.009	-0.452
50	54	4.468	3.884	-0.584
55	55	4.615	4.451	-0.164
55	56	4.284	4.369	0.085
55	57	4.336	4.549	0.213
55	58	4.349	3.966	-0.383
55	59	4.949	4.563	-0.386
100	60	4.492	4.386	-0.106
100	61	4.311	4.158	-0.153
100	62	4.017	4.361	0.344
100	63	4.522	4.912	0.390
100	64	4.783	4.817	0.034
105	65	4.025	4.227	0.202
105	66	4.330	4.405	0.075
105	67	4.754	4.534	-0.220
105	68	4.241	4.852	0.611
105	69	4.132	3.901	-0.231
	Max	4.949	4.912	0.862
	Average	4.355	4.392	0.038
	Min	3.812	3.872	-0.952
	Std Dev	0.302	0.300	0.423



	5.9_tpd_EN4_SD/EN4/1.										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.911	3.872	4.064	3.978	4.343	4.271	3.952	3.884	3.966	4.158	3.901
Average	4.324	4.265	4.491	4.382	4.562	4.481	4.430	4.064	4.380	4.527	4.384
Max	4.767	4.667	4.765	4.775	4.883	4.629	4.798	4.331	4.563	4.912	4.852
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

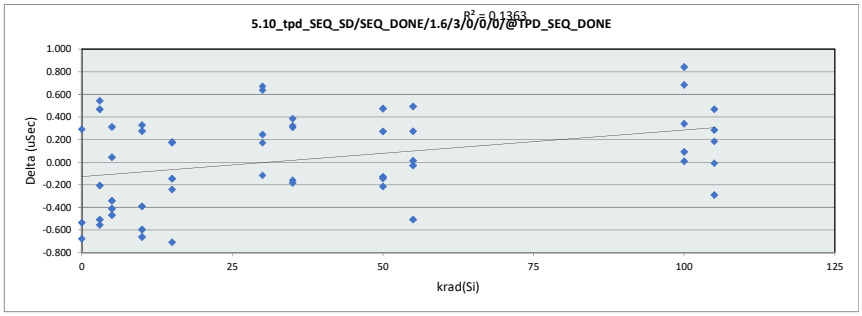


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

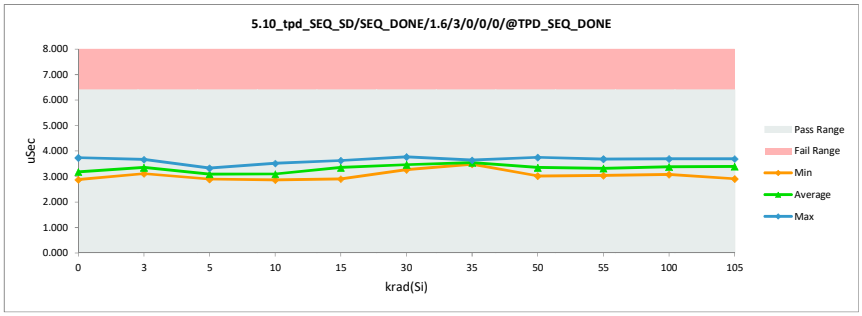
	5.10_tpd_SEQ_SD/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.618	2.943	-0.675
0	14	3.449	3.743	0.294
0	15	3.411	2.879	-0.532
3	20	3.367	3.164	-0.203
3	21	3.621	3.116	-0.505
3	22	3.124	3.669	0.545
3	23	3.754	3.201	-0.553
3	24	3.172	3.642	0.470
5	25	3.603	3.138	-0.465
5	26	2.851	2.898	0.047
5	27	3.398	3.059	-0.339
5	28	3.463	3.053	-0.410
5	29	3.018	3.332	0.314
10	30	2.950	3.281	0.331
10	31	3.324	2.937	-0.387
10	32	3.245	3.522	0.277
10	33	3.463	2.869	-0.594
10	34	3.555	2.896	-0.659
15	35	3.339	3.519	0.180
15	36	3.774	3.630	-0.144
15	37	3.434	3.610	0.176
15	38	3.614	2.908	-0.706
15	39	3.353	3.114	-0.239
30	40	2.896	3.535	0.639
30	41	3.098	3.772	0.674
30	42	3.216	3.462	0.246
30	43	3.422	3.308	-0.114
30	44	3.100	3.274	0.174
35	45	3.204	3.528	0.324
35	46	3.172	3.560	0.388
35	47	3.799	3.643	-0.156
35	48	3.690	3.510	-0.180
35	49	3.174	3.484	0.310
50	50	3.235	3.023	-0.212
50	51	3.280	3.756	0.476
50	52	3.469	3.342	-0.127
50	53	3.717	3.575	-0.142
50	54	2.804	3.079	0.275
55	55	3.071	3.044	-0.027
55	56	3.078	3.093	0.015
55	57	3.317	3.593	0.276
55	58	3.717	3.211	-0.506
55	59	3.196	3.691	0.495
100	60	2.812	3.498	0.686
100	61	3.070	3.081	0.011
100	62	2.849	3.693	0.844
100	63	2.875	3.217	0.342
100	64	3.321	3.415	0.094
105	65	3.336	3.330	-0.006
105	66	3.223	3.693	0.470
105	67	3.249	3.535	0.286
105	68	3.335	3.522	0.187
105	69	3.199	2.911	-0.288
	Max	3.799	3.772	0.844
	Average	3.299	3.330	0.032
	Min	2.804	2.869	-0.706
	Std Dev	0.264	0.281	0.400



	5.10_tpd_SEQ_SD/SEQ_	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.879	3.116	2.898	2.869	2.908	3.274	3.484	3.023	3.044	3.081	2.911
Average	3.188	3.358	3.096	3.101	3.356	3.470	3.545	3.355	3.326	3.381	3.398
Max	3.743	3.669	3.332	3.522	3.630	3.772	3.643	3.756	3.691	3.693	3.693
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

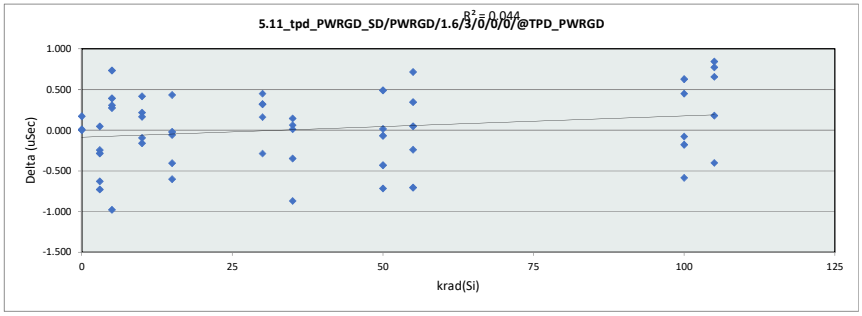


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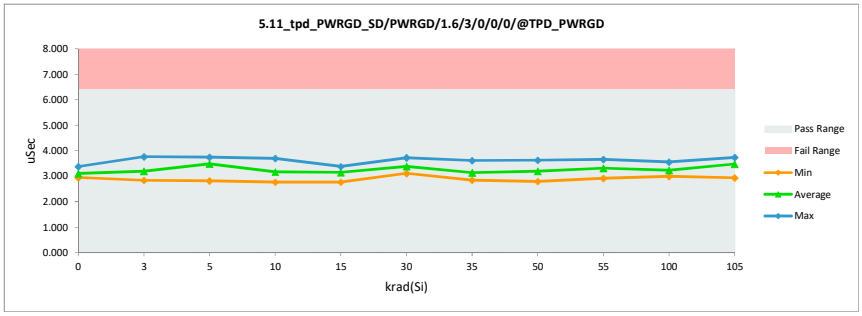
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.11_tpd_PWRGD_SD/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.368	3.381	0.013
0	14	2.980	2.983	0.003
0	15	2.774	2.949	0.175
3	20	3.619	2.893	-0.726
3	21	3.719	3.768	0.049
3	22	3.453	3.212	-0.241
3	23	3.467	2.841	-0.626
3	24	3.568	3.287	-0.281
5	25	3.234	3.542	0.308
5	26	3.351	3.746	0.395
5	27	3.795	2.820	-0.975
5	28	3.380	3.657	0.277
5	29	2.934	3.671	0.737
10	30	3.419	3.263	-0.156
10	31	2.862	2.770	-0.092
10	32	3.280	3.700	0.420
10	33	2.917	3.084	0.167
10	34	2.832	3.051	0.219
15	35	3.365	2.766	-0.599
15	36	2.948	3.384	0.436
15	37	3.049	2.995	-0.054
15	38	3.339	3.320	-0.019
15	39	3.689	3.287	-0.402
30	40	2.949	3.113	0.164
30	41	3.400	3.724	0.324
30	42	3.412	3.129	-0.283
30	43	2.976	3.298	0.322
30	44	3.215	3.668	0.453
35	45	3.195	3.343	0.148
35	46	3.722	2.855	-0.867
35	47	3.604	3.619	0.015
35	48	2.965	3.030	0.065
35	49	3.193	2.848	-0.345
50	50	3.139	3.632	0.493
50	51	3.501	3.074	-0.427
50	52	3.024	3.043	0.019
50	53	3.505	3.441	-0.064
50	54	3.509	2.796	-0.713
55	55	3.656	2.953	-0.703
55	56	2.942	3.659	0.717
55	57	3.439	3.491	0.052
55	58	3.214	3.561	0.347
55	59	3.153	2.917	-0.236
100	60	3.578	2.996	-0.582
100	61	2.863	3.316	0.453
100	62	2.929	3.558	0.629
100	63	3.386	3.210	-0.176
100	64	3.174	3.098	-0.076
105	65	2.965	3.741	0.776
105	66	2.783	3.630	0.847
105	67	3.335	2.936	-0.399
105	68	3.421	3.604	0.183
105	69	2.830	3.489	0.659
	Max	3.795	3.768	0.847
	Average	3.251	3.267	0.016
	Min	2.774	2.766	-0.975
	Std Dev	0.284	0.316	0.446



	5.11_tpd_PWRGD_SD/P										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.949	2.841	2.820	2.770	2.766	3.113	2.848	2.796	2.917	2.996	2.936
Average	3.104	3.200	3.487	3.174	3.150	3.386	3.139	3.197	3.316	3.236	3.480
Max	3.381	3.768	3.746	3.700	3.384	3.724	3.619	3.632	3.659	3.558	3.741
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

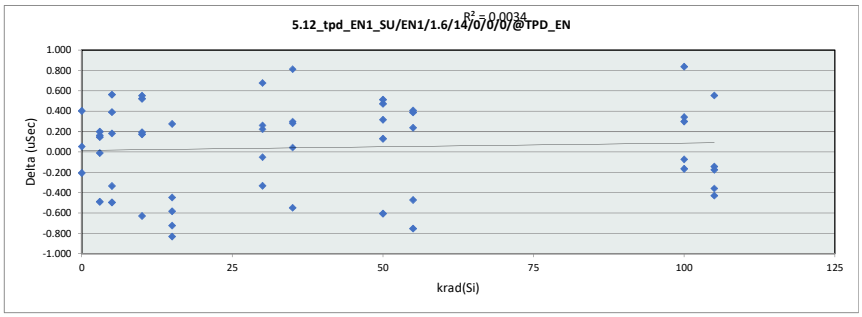


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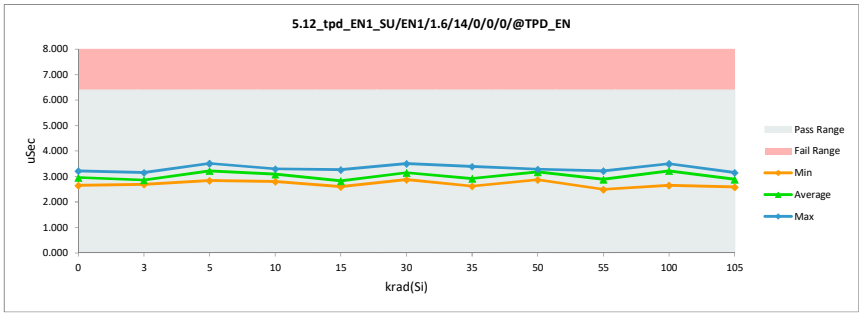
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.12_tpd_EN1_SU/EN1/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.818	3.224	0.406
0	14	2.855	2.652	-0.203
0	15	2.954	3.010	0.056
3	20	3.009	3.159	0.150
3	21	2.662	2.863	0.201
3	22	2.530	2.695	0.165
3	23	2.711	2.703	-0.008
3	24	3.392	2.906	-0.486
5	25	3.258	2.927	-0.331
5	26	3.234	3.420	0.186
5	27	2.950	3.517	0.567
5	28	3.341	2.847	-0.494
5	29	2.998	3.392	0.394
10	30	3.429	2.803	-0.626
10	31	3.123	3.300	0.177
10	32	2.829	3.025	0.196
10	33	2.600	3.126	0.526
10	34	2.642	3.198	0.556
15	35	3.442	2.862	-0.580
15	36	2.993	3.271	0.278
15	37	3.431	2.603	-0.828
15	38	3.105	2.661	-0.444
15	39	3.470	2.749	-0.721
30	40	2.930	2.881	-0.049
30	41	3.341	3.011	-0.330
30	42	3.285	3.511	0.226
30	43	2.892	3.156	0.264
30	44	2.502	3.183	0.681
35	45	3.267	2.722	-0.545
35	46	2.687	2.988	0.301
35	47	2.589	2.874	0.285
35	48	2.578	2.625	0.047
35	49	2.584	3.400	0.816
50	50	3.155	3.288	0.133
50	51	3.477	2.874	-0.603
50	52	2.806	3.283	0.477
50	53	2.930	3.249	0.319
50	54	2.707	3.224	0.517
55	55	2.547	2.958	0.411
55	56	2.865	3.106	0.241
55	57	3.411	2.661	-0.750
55	58	2.967	2.499	-0.468
55	59	2.830	3.222	0.392
100	60	2.561	3.402	0.841
100	61	3.180	3.483	0.303
100	62	3.232	3.069	-0.163
100	63	3.156	3.501	0.345
100	64	2.727	2.658	-0.069
105	65	3.125	2.769	-0.356
105	66	3.022	2.882	-0.140
105	67	3.488	3.062	-0.426
105	68	2.603	3.161	0.558
105	69	2.761	2.588	-0.173
	Max	3.488	3.517	0.841
	Average	2.981	3.023	0.042
	Min	2.502	2.499	-0.828
	Std Dev	0.303	0.281	0.433



	5.12_tpd_EN1_SU/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.652	2.695	2.847	2.803	2.603	2.881	2.625	2.874	2.499	2.658	2.588
Average	2.962	2.865	3.221	3.090	2.829	3.148	2.922	3.184	2.889	3.223	2.892
Max	3.224	3.159	3.517	3.300	3.271	3.511	3.400	3.288	3.222	3.501	3.161
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

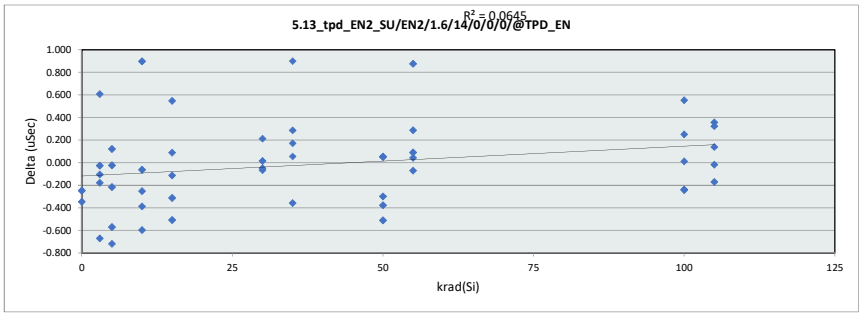


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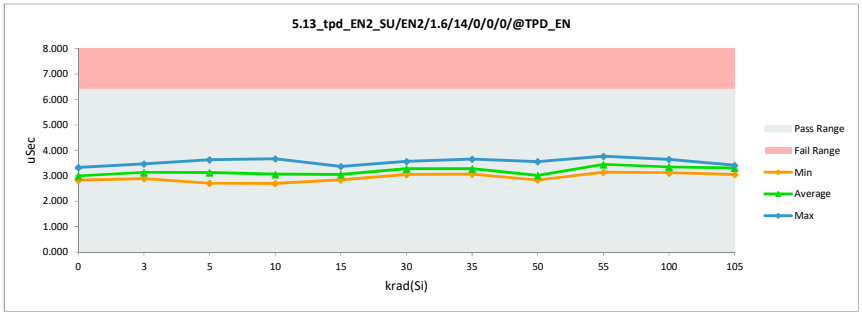
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.13_tpd_EN2_SU/EN2/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.171	2.828	-0.343
0	14	3.082	2.836	-0.246
0	15	3.571	3.326	-0.245
3	20	3.462	3.360	-0.102
3	21	2.860	3.470	0.610
3	22	3.066	2.891	-0.175
3	23	3.048	3.024	-0.024
3	24	3.584	2.917	-0.667
5	25	3.424	2.707	-0.717
5	26	3.417	3.203	-0.214
5	27	3.243	3.366	0.123
5	28	3.651	3.630	-0.021
5	29	3.317	2.750	-0.567
10	30	3.029	2.968	-0.061
10	31	3.087	2.702	-0.385
10	32	3.343	2.749	-0.594
10	33	2.774	3.674	0.900
10	34	3.471	3.222	-0.249
15	35	2.957	3.048	0.091
15	36	3.345	3.036	-0.309
15	37	3.346	2.841	-0.505
15	38	2.822	3.372	0.550
15	39	3.094	2.984	-0.110
30	40	3.137	3.352	0.215
30	41	3.045	3.062	0.017
30	42	3.117	3.054	-0.063
30	43	3.614	3.568	-0.046
30	44	3.332	3.350	0.018
35	45	3.227	3.400	0.173
35	46	3.425	3.069	-0.356
35	47	2.755	3.656	0.901
35	48	2.877	3.165	0.288
35	49	3.055	3.113	0.058
50	50	3.139	2.842	-0.297
50	51	3.500	3.558	0.058
50	52	3.336	2.962	-0.374
50	53	3.345	2.837	-0.508
50	54	2.817	2.870	0.053
55	55	3.211	3.143	-0.068
55	56	2.919	3.209	0.290
55	57	3.395	3.487	0.092
55	58	2.765	3.643	0.878
55	59	3.724	3.770	0.046
100	60	3.170	3.423	0.253
100	61	3.358	3.122	-0.236
100	62	3.400	3.414	0.014
100	63	3.092	3.647	0.555
100	64	3.397	3.158	-0.239
105	65	2.700	3.059	0.359
105	66	3.587	3.419	-0.168
105	67	3.074	3.400	0.326
105	68	3.269	3.254	-0.015
105	69	3.256	3.398	0.142
	Max	3.724	3.770	0.901
	Average	3.211	3.194	-0.017
	Min	2.700	2.702	-0.717
	Std Dev	0.256	0.289	0.374



	5.13_tpd_EN2_SU/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.828	2.891	2.707	2.702	2.841	3.054	3.069	2.837	3.143	3.122	3.059
Average	2.997	3.132	3.131	3.063	3.056	3.277	3.281	3.014	3.450	3.353	3.306
Max	3.326	3.470	3.630	3.674	3.372	3.568	3.656	3.558	3.770	3.647	3.419
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

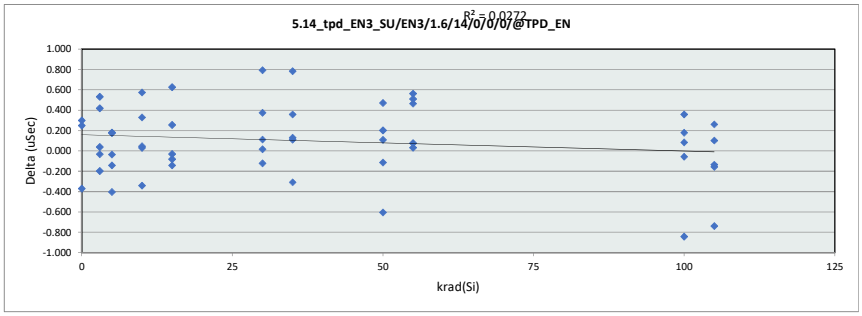


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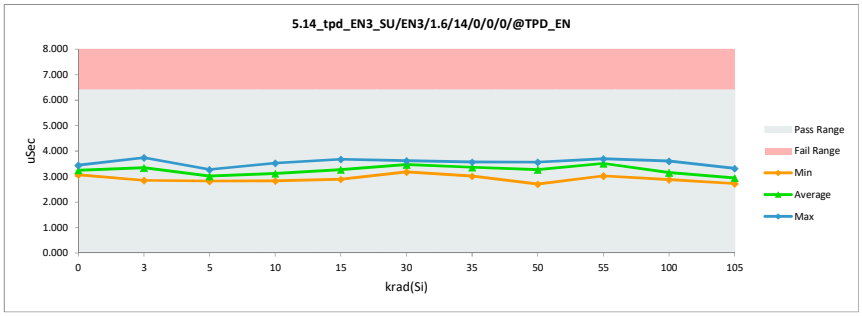
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.14_tpd_EN3_SU/EN3/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.139	3.441	0.302
0	14	3.598	3.231	-0.367
0	15	2.821	3.073	0.252
3	20	3.346	3.316	-0.030
3	21	3.320	3.742	0.422
3	22	3.265	3.306	0.041
3	23	3.046	2.851	-0.195
3	24	2.971	3.505	0.534
5	25	3.358	2.957	-0.401
5	26	2.720	2.899	0.179
5	27	3.165	3.133	-0.032
5	28	2.962	2.823	-0.139
5	29	3.092	3.276	0.184
10	30	3.170	3.202	0.032
10	31	2.778	2.827	0.049
10	32	3.280	2.942	-0.338
10	33	2.793	3.125	0.332
10	34	2.949	3.526	0.577
15	35	2.740	3.370	0.630
15	36	3.420	3.679	0.259
15	37	3.009	2.930	-0.079
15	38	3.534	3.506	-0.028
15	39	3.034	2.895	-0.139
30	40	3.504	3.618	0.114
30	41	3.658	3.539	-0.119
30	42	2.787	3.584	0.797
30	43	3.160	3.179	0.019
30	44	3.035	3.413	0.378
35	45	2.752	3.539	0.787
35	46	3.326	3.020	-0.306
35	47	3.364	3.477	0.113
35	48	3.212	3.574	0.362
35	49	3.087	3.219	0.132
50	50	3.679	3.568	-0.111
50	51	3.163	3.367	0.204
50	52	3.129	3.240	0.111
50	53	3.303	2.702	-0.601
50	54	3.029	3.503	0.474
55	55	3.155	3.668	0.513
55	56	2.948	3.026	0.078
55	57	3.131	3.697	0.566
55	58	3.534	3.569	0.035
55	59	3.160	3.627	0.467
100	60	2.807	2.989	0.182
100	61	3.723	2.884	-0.839
100	62	2.761	3.123	0.362
100	63	3.517	3.604	0.087
100	64	3.230	3.176	-0.054
105	65	2.877	2.744	-0.133
105	66	3.067	3.171	0.104
105	67	3.059	3.322	0.263
105	68	3.462	2.726	-0.736
105	69	2.909	2.756	-0.153
	Max	3.723	3.742	0.797
	Average	3.152	3.249	0.097
	Min	2.720	2.702	-0.839
	Std Dev	0.267	0.302	0.347



	5.14_tpd_EN3_SU/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.073	2.851	2.823	2.827	2.895	3.179	3.020	2.702	3.026	2.884	2.726
Average	3.248	3.344	3.018	3.124	3.276	3.467	3.366	3.276	3.517	3.155	2.944
Max	3.441	3.742	3.276	3.526	3.679	3.618	3.574	3.568	3.697	3.604	3.322
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

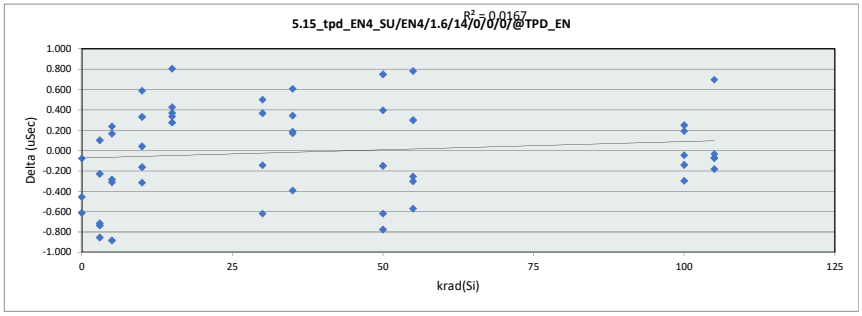


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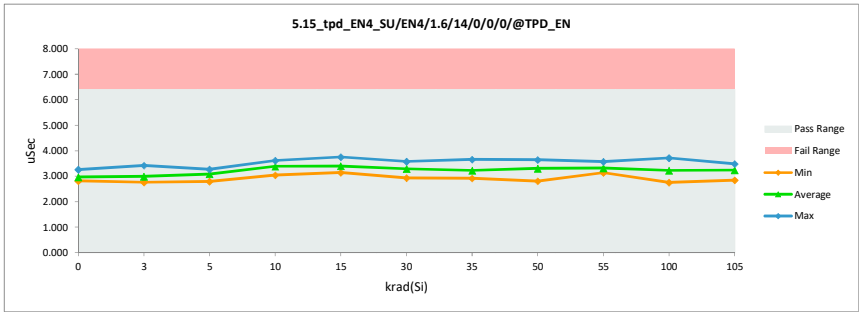
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.15_tpd_EN4_SU/EN4/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.435	2.825	-0.610
0	14	3.336	3.263	-0.073
0	15	3.270	2.817	-0.453
3	20	3.493	2.761	-0.732
3	21	3.645	3.420	-0.225
3	22	3.623	2.771	-0.852
3	23	3.773	3.062	-0.711
3	24	2.847	2.951	0.104
5	25	3.582	3.273	-0.309
5	26	2.870	3.110	0.240
5	27	3.040	3.209	0.169
5	28	3.678	2.798	-0.880
5	29	3.320	3.037	-0.283
10	30	3.470	3.158	-0.312
10	31	3.283	3.617	0.334
10	32	3.497	3.541	0.044
10	33	3.206	3.046	-0.160
10	34	3.009	3.599	0.590
15	35	2.853	3.283	0.430
15	36	2.773	3.145	0.372
15	37	2.914	3.191	0.277
15	38	3.416	3.755	0.339
15	39	2.819	3.626	0.807
30	40	3.550	2.934	-0.616
30	41	2.917	3.286	0.369
30	42	3.211	3.581	0.370
30	43	3.230	3.090	-0.140
30	44	3.054	3.557	0.503
35	45	3.046	3.655	0.609
35	46	2.788	3.135	0.347
35	47	3.206	3.377	0.171
35	48	3.313	2.923	-0.390
35	49	2.856	3.046	0.190
50	50	3.081	3.479	0.398
50	51	3.692	3.075	-0.617
50	52	3.579	2.806	-0.773
50	53	2.896	3.648	0.752
50	54	3.655	3.508	-0.147
55	55	3.707	3.139	-0.568
55	56	2.790	3.575	0.785
55	57	3.104	3.406	0.302
55	58	3.492	3.192	-0.300
55	59	3.544	3.292	-0.252
100	60	2.887	3.138	0.251
100	61	3.307	3.012	-0.295
100	62	3.569	3.527	-0.042
100	63	3.522	3.716	0.194
100	64	2.893	2.756	-0.137
105	65	3.198	3.126	-0.072
105	66	2.784	3.483	0.699
105	67	2.917	2.849	-0.068
105	68	3.270	3.240	-0.030
105	69	3.669	3.491	-0.178
	Max	3.773	3.755	0.807
	Average	3.243	3.232	-0.011
	Min	2.773	2.756	-0.880
	Std Dev	0.310	0.287	0.449



	5.15_tpd_EN4_SU/EN4/1										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.817	2.761	2.798	3.046	3.145	2.934	2.923	2.806	3.139	2.756	2.849
Average	2.968	2.993	3.085	3.392	3.400	3.290	3.227	3.303	3.321	3.230	3.238
Max	3.263	3.420	3.273	3.617	3.755	3.581	3.655	3.648	3.575	3.716	3.491
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

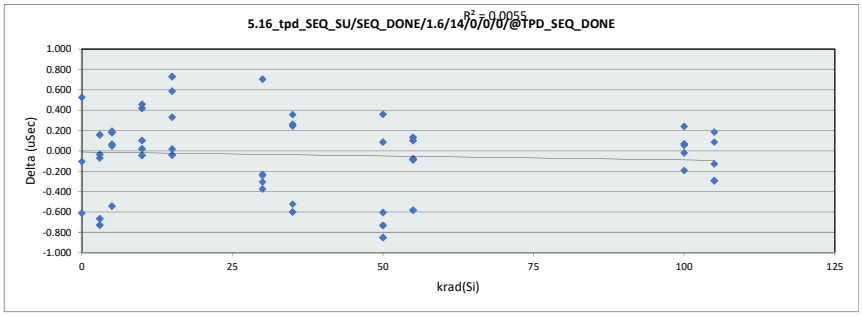


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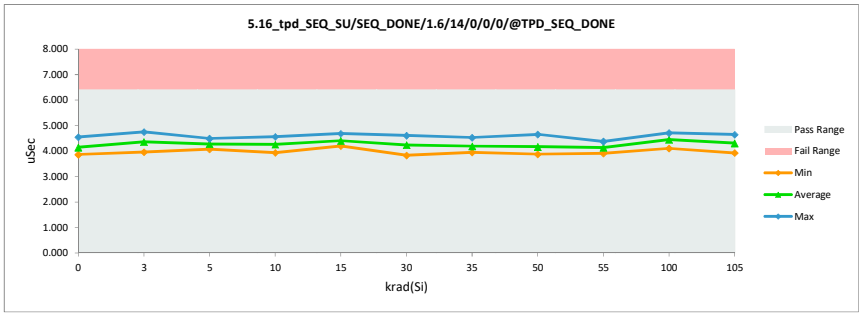
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.16_tpd_SEQ_SU/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.641	4.033	-0.608
0	14	4.022	4.551	0.529
0	15	3.968	3.866	-0.102
3	20	4.596	4.756	0.160
3	21	4.525	4.458	-0.067
3	22	4.664	4.000	-0.664
3	23	4.689	3.962	-0.727
3	24	4.680	4.648	-0.032
5	25	3.883	4.078	0.195
5	26	4.241	4.293	0.052
5	27	4.312	4.494	0.182
5	28	4.390	4.458	0.068
5	29	4.614	4.074	-0.540
10	30	3.981	3.940	-0.041
10	31	4.379	4.402	0.023
10	32	4.053	4.475	0.422
10	33	3.831	3.936	0.105
10	34	4.104	4.565	0.461
15	35	4.237	4.199	-0.038
15	36	3.960	4.692	0.732
15	37	3.893	4.483	0.590
15	38	4.004	4.339	0.335
15	39	4.318	4.339	0.021
30	40	3.901	4.609	0.708
30	41	4.736	4.497	-0.239
30	42	4.062	3.834	-0.228
30	43	4.505	4.134	-0.371
30	44	4.433	4.130	-0.303
35	45	3.905	4.264	0.359
35	46	4.472	3.952	-0.520
35	47	4.268	4.533	0.265
35	48	3.872	4.120	0.248
35	49	4.694	4.096	-0.598
50	50	4.568	4.657	0.089
50	51	4.710	4.108	-0.602
50	52	3.961	4.324	0.363
50	53	4.727	3.878	-0.849
50	54	4.640	3.910	-0.730
55	55	4.492	3.913	-0.579
55	56	4.454	4.379	-0.075
55	57	4.124	4.229	0.105
55	58	4.175	4.090	-0.085
55	59	3.957	4.092	0.135
100	60	4.675	4.658	-0.017
100	61	4.037	4.280	0.243
100	62	4.442	4.513	0.071
100	63	4.297	4.107	-0.190
100	64	4.653	4.713	0.060
105	65	4.723	4.435	-0.288
105	66	4.465	4.652	0.187
105	67	4.053	3.928	-0.125
105	68	3.973	4.063	0.090
105	69	4.767	4.475	-0.292
	Max	4.767	4.756	0.732
	Average	4.316	4.276	-0.040
	Min	3.831	3.834	-0.849
	Std Dev	0.302	0.268	0.381



	5.16_tpd_SEQ_SU/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.866	3.962	4.074	3.936	4.199	3.834	3.952	3.878	3.913	4.107	3.928
Average	4.150	4.365	4.279	4.264	4.410	4.241	4.193	4.175	4.141	4.454	4.311
Max	4.551	4.756	4.494	4.565	4.692	4.609	4.533	4.657	4.379	4.713	4.652
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

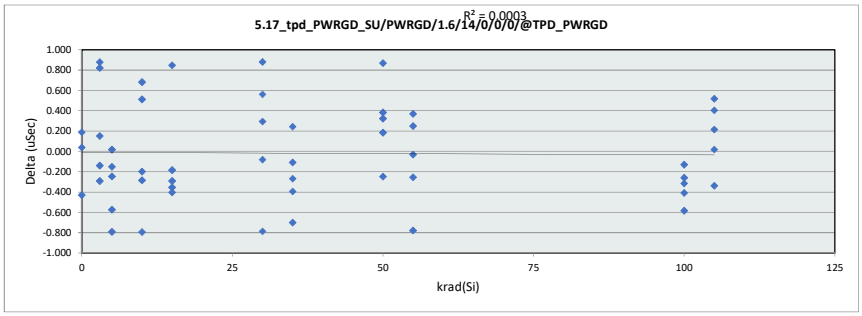


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

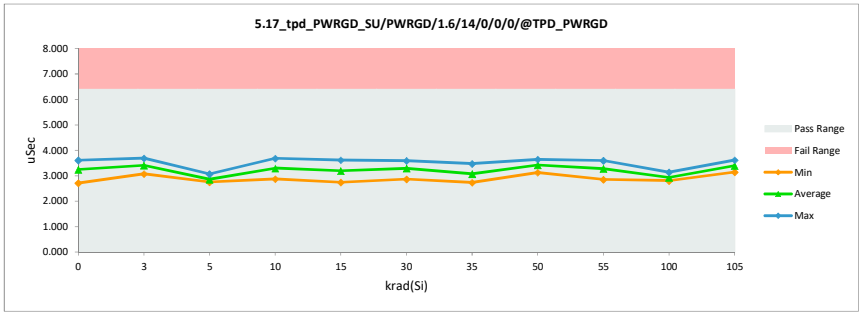
	5.17_tpd_PWRGD_SU/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.422	3.615	0.193
0	14	3.377	3.418	0.041
0	15	3.144	2.717	-0.427
3	20	2.711	3.535	0.824
3	21	2.811	3.693	0.882
3	22	3.637	3.500	-0.137
3	23	3.106	3.261	0.155
3	24	3.363	3.075	-0.288
5	25	2.903	2.755	-0.148
5	26	3.053	3.074	0.021
5	27	3.608	2.820	-0.788
5	28	3.040	2.797	-0.243
5	29	3.436	2.866	-0.570
10	30	2.997	3.682	0.685
10	31	3.439	3.243	-0.196
10	32	3.666	2.876	-0.790
10	33	3.291	3.010	-0.281
10	34	3.173	3.687	0.514
15	35	3.031	2.743	-0.288
15	36	2.771	3.621	0.850
15	37	3.578	3.397	-0.181
15	38	3.554	3.202	-0.352
15	39	3.405	3.004	-0.401
30	40	3.651	2.867	-0.784
30	41	2.826	3.390	0.564
30	42	3.621	3.543	-0.078
30	43	2.768	3.065	0.297
30	44	2.713	3.596	0.883
35	45	3.089	3.335	0.246
35	46	3.000	2.735	-0.265
35	47	3.585	3.480	-0.105
35	48	3.617	2.920	-0.697
35	49	3.297	2.907	-0.390
50	50	2.773	3.645	0.872
50	51	3.254	3.639	0.385
50	52	3.376	3.131	-0.245
50	53	3.056	3.382	0.326
50	54	3.140	3.327	0.187
55	55	3.061	3.313	0.252
55	56	3.628	3.600	-0.028
55	57	3.106	2.855	-0.251
55	58	3.226	3.599	0.373
55	59	3.822	3.046	-0.776
100	60	3.119	2.862	-0.257
100	61	3.724	3.144	-0.580
100	62	3.067	2.940	-0.127
100	63	3.325	2.920	-0.405
100	64	3.124	2.812	-0.312
105	65	3.482	3.147	-0.335
105	66	3.481	3.503	0.022
105	67	2.967	3.488	0.521
105	68	3.015	3.233	0.218
105	69	3.213	3.620	0.407
	Max	3.822	3.693	0.883
	Average	3.239	3.220	-0.019
	Min	2.711	2.717	-0.790
	Std Dev	0.296	0.317	0.465



	5.17_tpd_PWRGD_SU/PW	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.717	3.075	2.755	2.876	2.743	2.867	2.735	3.131	2.855	2.812	3.147
Average	3.250	3.413	2.862	3.300	3.193	3.292	3.075	3.425	3.283	2.936	3.398
Max	3.615	3.693	3.074	3.687	3.621	3.596	3.480	3.645	3.600	3.144	3.620
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

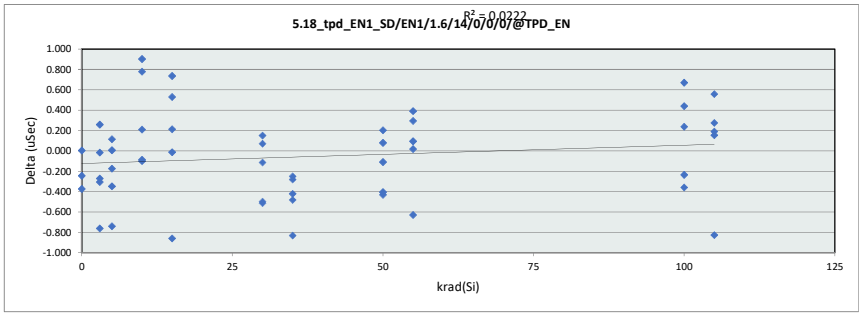


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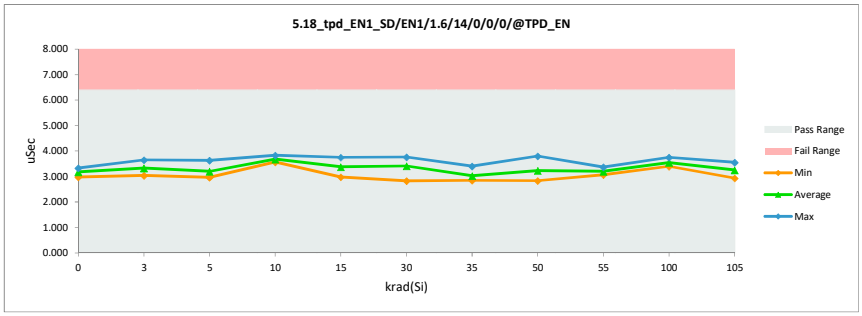
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.18_tpd_EN1_SD/EN1/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.578	3.337	-0.241
0	14	3.231	3.239	0.008
0	15	3.355	2.985	-0.370
3	20	3.802	3.044	-0.758
3	21	3.419	3.151	-0.268
3	22	3.668	3.655	-0.013
3	23	3.605	3.304	-0.301
3	24	3.269	3.532	0.263
5	25	3.137	2.966	-0.171
5	26	3.427	3.437	0.010
5	27	3.517	3.635	0.118
5	28	3.339	2.994	-0.345
5	29	3.722	2.985	-0.737
10	30	3.359	3.572	0.213
10	31	2.988	3.770	0.782
10	32	2.928	3.834	0.906
10	33	3.747	3.651	-0.096
10	34	3.685	3.603	-0.082
15	35	3.310	3.301	-0.009
15	36	3.011	3.751	0.740
15	37	2.909	3.443	0.534
15	38	3.210	3.426	0.216
15	39	3.837	2.981	-0.856
30	40	3.868	3.758	-0.110
30	41	3.688	3.763	0.075
30	42	3.508	3.662	0.154
30	43	3.544	3.049	-0.495
30	44	3.341	2.832	-0.509
35	45	3.167	2.889	-0.278
35	46	3.717	2.889	-0.828
35	47	3.333	2.854	-0.479
35	48	3.652	3.406	-0.246
35	49	3.524	3.106	-0.418
50	50	3.472	3.045	-0.427
50	51	3.306	3.513	0.207
50	52	3.723	3.806	0.083
50	53	3.240	2.839	-0.401
50	54	3.070	2.965	-0.105
55	55	3.027	3.125	0.098
55	56	3.733	3.108	-0.625
55	57	3.052	3.074	0.022
55	58	2.978	3.372	0.394
55	59	3.045	3.343	0.298
100	60	3.744	3.513	-0.231
100	61	3.784	3.429	-0.355
100	62	3.201	3.644	0.443
100	63	3.077	3.751	0.674
100	64	3.162	3.403	0.241
105	65	3.759	2.936	-0.823
105	66	2.997	3.559	0.562
105	67	3.278	3.436	0.158
105	68	2.928	3.207	0.279
105	69	2.964	3.157	0.193
	Max	3.868	3.834	0.906
	Average	3.376	3.321	-0.055
	Min	2.909	2.832	-0.856
	Std Dev	0.292	0.304	0.427



	5.18_tpd_EN1_SD/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.985	3.044	2.966	3.572	2.981	2.832	2.854	2.839	3.074	3.403	2.936
Average	3.187	3.337	3.203	3.686	3.380	3.413	3.029	3.234	3.204	3.548	3.259
Max	3.337	3.655	3.635	3.834	3.751	3.763	3.406	3.806	3.372	3.751	3.559
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

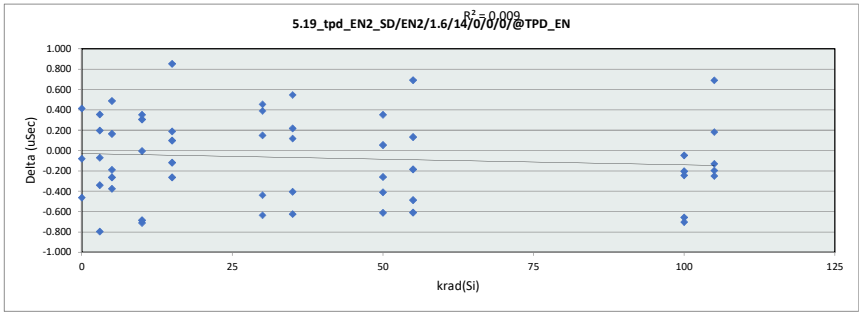


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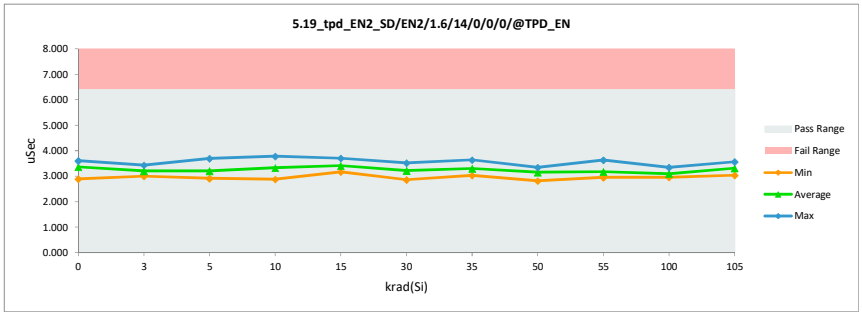
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.19_tpd_EN2_SD/EN2/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.354	2.895	-0.459
0	14	3.687	3.611	-0.076
0	15	3.174	3.591	0.417
3	20	3.790	2.998	-0.792
3	21	3.204	3.137	-0.067
3	22	3.080	3.438	0.358
3	23	3.624	3.288	-0.336
3	24	2.975	3.175	0.200
5	25	3.264	3.005	-0.259
5	26	3.286	2.914	-0.372
5	27	3.172	2.986	-0.186
5	28	3.209	3.700	0.491
5	29	3.290	3.458	0.168
10	30	3.600	2.893	-0.707
10	31	3.310	3.666	0.356
10	32	3.565	2.884	-0.681
10	33	3.787	3.786	-0.001
10	34	3.127	3.436	0.309
15	35	3.290	3.392	0.102
15	36	2.851	3.706	0.855
15	37	3.080	3.272	0.192
15	38	3.429	3.170	-0.259
15	39	3.651	3.535	-0.116
30	40	3.037	3.496	0.459
30	41	3.297	2.862	-0.435
30	42	3.564	2.932	-0.632
30	43	3.130	3.523	0.393
30	44	3.150	3.302	0.152
35	45	3.753	3.132	-0.621
35	46	3.519	3.641	0.122
35	47	3.696	3.295	-0.401
35	48	2.864	3.414	0.550
35	49	2.812	3.034	0.222
50	50	3.429	2.821	-0.608
50	51	3.548	3.291	-0.257
50	52	2.856	3.211	0.355
50	53	3.516	3.109	-0.407
50	54	3.290	3.347	0.057
55	55	2.878	3.014	0.136
55	56	2.941	3.637	0.696
55	57	3.559	2.953	-0.606
55	58	3.250	3.069	-0.181
55	59	3.703	3.220	-0.483
100	60	3.199	2.959	-0.240
100	61	3.754	3.055	-0.699
100	62	3.617	2.963	-0.654
100	63	3.372	3.171	-0.201
100	64	3.390	3.347	-0.043
105	65	2.879	3.572	0.693
105	66	3.235	3.042	-0.193
105	67	3.522	3.276	-0.246
105	68	3.326	3.199	-0.127
105	69	3.286	3.472	0.186
	Max	3.790	3.786	0.855
	Average	3.324	3.251	-0.073
	Min	2.812	2.821	-0.792
	Std Dev	0.275	0.265	0.415



	5.19_tpd_EN2_SD/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.895	2.998	2.914	2.884	3.170	2.862	3.034	2.821	2.953	2.959	3.042
Average	3.366	3.207	3.213	3.333	3.415	3.223	3.303	3.156	3.179	3.099	3.312
Max	3.611	3.438	3.700	3.786	3.706	3.523	3.641	3.347	3.637	3.347	3.572
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

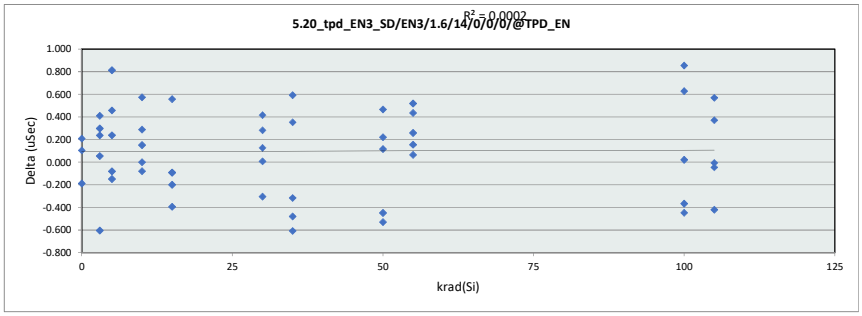


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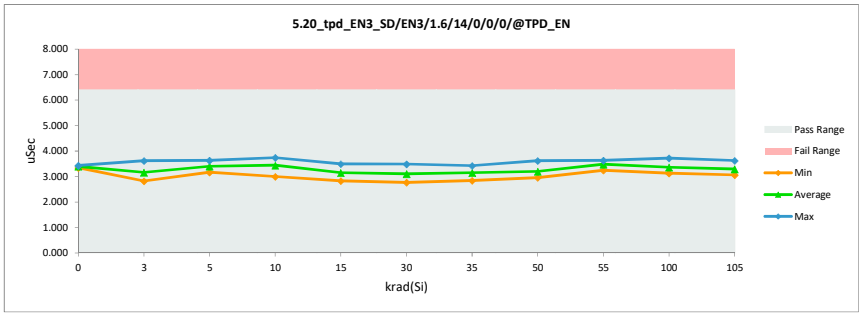
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.20_tpd_EN3_SD/EN3/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.532	3.346	-0.186
0	14	3.321	3.429	0.108
0	15	3.214	3.426	0.212
3	20	2.863	3.276	0.413
3	21	3.561	3.618	0.057
3	22	3.424	2.823	-0.601
3	23	2.781	3.083	0.302
3	24	2.791	3.031	0.240
5	25	3.454	3.376	-0.078
5	26	3.041	3.282	0.241
5	27	3.171	3.631	0.460
5	28	3.315	3.170	-0.145
5	29	2.762	3.579	0.817
10	30	3.661	3.664	0.003
10	31	3.098	3.675	0.577
10	32	2.985	3.140	0.155
10	33	3.450	3.742	0.292
10	34	3.073	2.997	-0.076
15	35	3.011	2.923	-0.088
15	36	3.219	2.828	-0.391
15	37	3.479	3.389	-0.090
15	38	2.936	3.497	0.561
15	39	3.311	3.114	-0.197
30	40	3.070	3.490	0.420
30	41	3.390	3.088	-0.302
30	42	2.757	2.768	0.011
30	43	2.917	3.047	0.130
30	44	2.841	3.126	0.285
35	45	3.539	3.225	-0.314
35	46	3.529	2.925	-0.604
35	47	2.831	3.427	0.596
35	48	2.976	3.332	0.356
35	49	3.322	2.846	-0.476
50	50	3.490	2.963	-0.527
50	51	3.121	3.345	0.224
50	52	2.999	3.118	0.119
50	53	3.151	3.620	0.469
50	54	3.417	2.971	-0.446
55	55	3.180	3.248	0.068
55	56	3.113	3.552	0.439
55	57	3.313	3.471	0.158
55	58	3.112	3.634	0.522
55	59	3.264	3.526	0.262
100	60	2.770	3.628	0.858
100	61	3.093	3.724	0.631
100	62	3.170	3.194	0.024
100	63	3.603	3.158	-0.445
100	64	3.495	3.132	-0.363
105	65	3.304	3.262	-0.042
105	66	3.578	3.160	-0.418
105	67	3.053	3.626	0.573
105	68	2.978	3.352	0.374
105	69	3.068	3.065	-0.003
	Max	3.661	3.742	0.858
	Average	3.187	3.284	0.097
	Min	2.757	2.768	-0.604
	Std Dev	0.255	0.266	0.372



	5.20_tpd_EN3_SD/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.346	2.823	3.170	2.997	2.828	2.768	2.846	2.963	3.248	3.132	3.065
Average	3.400	3.166	3.408	3.444	3.150	3.104	3.151	3.203	3.486	3.367	3.293
Max	3.429	3.618	3.631	3.742	3.497	3.490	3.427	3.620	3.634	3.724	3.626
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

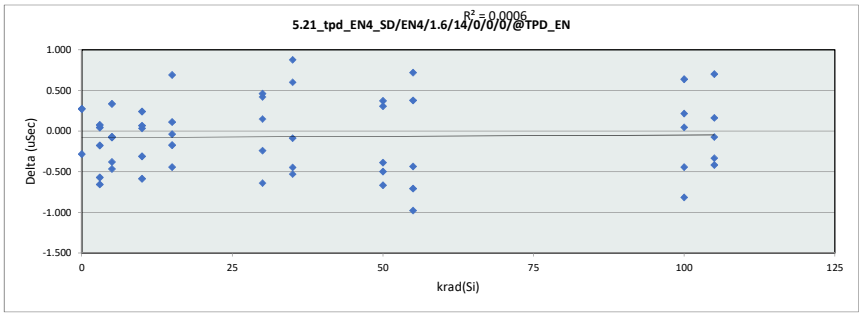


TID HDR Report
TPS7H3014-SP

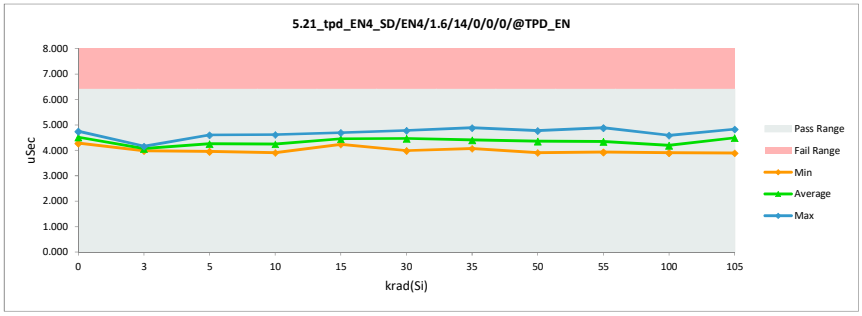
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.21_tpd_EN4_SD/EN4/1.	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.568	4.287	-0.281
0	14	4.470	4.748	0.278
0	15	4.243	4.517	0.274
3	20	4.034	4.081	0.047
3	21	4.613	4.046	-0.567
3	22	4.256	4.082	-0.174
3	23	4.816	4.163	-0.653
3	24	3.907	3.984	0.077
5	25	4.601	4.224	-0.377
5	26	4.622	4.158	-0.464
5	27	4.036	3.960	-0.076
5	28	4.267	4.604	0.337
5	29	4.410	4.341	-0.069
10	30	3.873	3.910	0.037
10	31	4.448	4.516	0.068
10	32	4.922	4.615	-0.307
10	33	3.953	4.195	0.242
10	34	4.610	4.025	-0.585
15	35	4.681	4.240	-0.441
15	36	4.005	4.697	0.692
15	37	4.338	4.451	0.113
15	38	4.450	4.415	-0.035
15	39	4.632	4.461	-0.171
30	40	4.631	3.993	-0.638
30	41	4.752	4.513	-0.239
30	42	4.316	4.779	0.463
30	43	4.609	4.759	0.150
30	44	3.884	4.306	0.422
35	45	4.157	4.072	-0.085
35	46	4.682	4.237	-0.445
35	47	4.009	4.889	0.880
35	48	4.052	4.654	0.602
35	49	4.716	4.189	-0.527
50	50	4.411	3.914	-0.497
50	51	4.376	4.685	0.309
50	52	4.847	4.184	-0.663
50	53	4.402	4.775	0.373
50	54	4.650	4.264	-0.386
55	55	4.234	4.613	0.379
55	56	4.907	3.932	-0.975
55	57	4.862	4.158	-0.704
55	58	4.607	4.174	-0.433
55	59	4.162	4.884	0.722
100	60	4.558	4.117	-0.441
100	61	4.200	4.418	0.218
100	62	3.954	4.593	0.639
100	63	4.721	3.907	-0.814
100	64	3.921	3.969	0.048
105	65	4.229	3.899	-0.330
105	66	4.855	4.441	-0.414
105	67	4.568	4.497	-0.071
105	68	4.101	4.804	0.703
105	69	4.668	4.834	0.166
	Max	4.922	4.889	0.880
	Average	4.411	4.343	-0.068
	Min	3.873	3.899	-0.975
	Std Dev	0.307	0.301	0.448



	5.21_tpd_EN4_SD/EN4/1										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.287	3.984	3.960	3.910	4.240	3.993	4.072	3.914	3.932	3.907	3.899
Average	4.517	4.071	4.257	4.252	4.453	4.470	4.408	4.364	4.352	4.201	4.495
Max	4.748	4.163	4.604	4.615	4.697	4.779	4.889	4.775	4.884	4.593	4.834
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

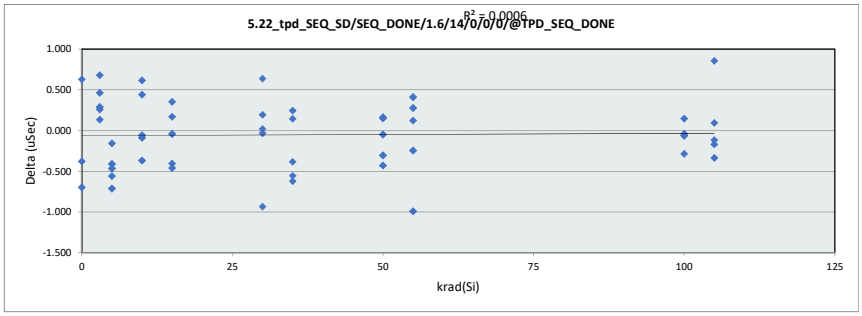


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

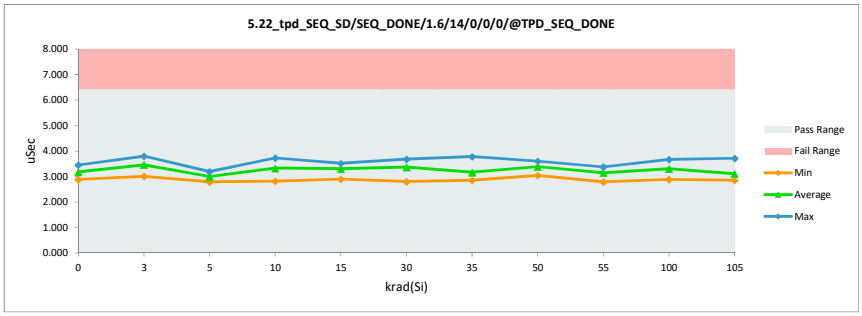
	5.22_tpd_SEQ_SD/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.820	3.452	0.632
0	14	3.575	3.200	-0.375
0	15	3.581	2.887	-0.694
3	20	2.961	3.223	0.262
3	21	2.876	3.013	0.137
3	22	3.208	3.675	0.467
3	23	3.118	3.801	0.683
3	24	3.289	3.582	0.293
5	25	3.748	3.193	-0.555
5	26	3.482	3.020	-0.462
5	27	3.501	2.790	-0.711
5	28	3.206	3.051	-0.155
5	29	3.350	2.943	-0.407
10	30	2.877	2.823	-0.054
10	31	3.607	3.242	-0.365
10	32	3.110	3.731	0.621
10	33	2.967	3.412	0.445
10	34	3.536	3.452	-0.084
15	35	3.358	3.320	-0.038
15	36	3.349	3.521	0.172
15	37	3.058	3.415	0.357
15	38	3.779	3.377	-0.402
15	39	3.354	2.897	-0.457
30	40	3.004	3.645	0.641
30	41	3.328	3.351	0.023
30	42	3.388	3.358	-0.030
30	43	3.735	2.804	-0.931
30	44	3.486	3.683	0.197
35	45	2.828	2.977	0.149
35	46	3.406	2.856	-0.550
35	47	3.555	2.936	-0.619
35	48	3.533	3.781	0.248
35	49	3.670	3.288	-0.382
50	50	3.348	3.046	-0.302
50	51	3.453	3.608	0.155
50	52	3.321	3.489	0.168
50	53	3.602	3.555	-0.047
50	54	3.686	3.260	-0.426
55	55	3.779	2.790	-0.989
55	56	2.845	3.125	0.280
55	57	2.908	3.321	0.413
55	58	3.251	3.377	0.126
55	59	3.354	3.111	-0.243
100	60	3.206	2.922	-0.284
100	61	3.358	3.508	0.150
100	62	3.586	3.548	-0.038
100	63	3.728	3.670	-0.058
100	64	2.949	2.888	-0.061
105	65	2.966	2.853	-0.113
105	66	3.022	3.119	0.097
105	67	3.197	2.864	-0.333
105	68	3.158	2.991	-0.167
105	69	2.858	3.718	0.860
	Max	3.779	3.801	0.860
	Average	3.306	3.254	-0.052
	Min	2.820	2.790	-0.989
	Std Dev	0.286	0.307	0.418



	5.22_tpd_SEQ_SD/SEQ_	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.887	3.013	2.790	2.823	2.897	2.804	2.856	3.046	2.790	2.888	2.853
Average	3.180	3.459	2.999	3.332	3.306	3.368	3.168	3.392	3.145	3.307	3.109
Max	3.452	3.801	3.193	3.731	3.521	3.683	3.781	3.608	3.377	3.670	3.718
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

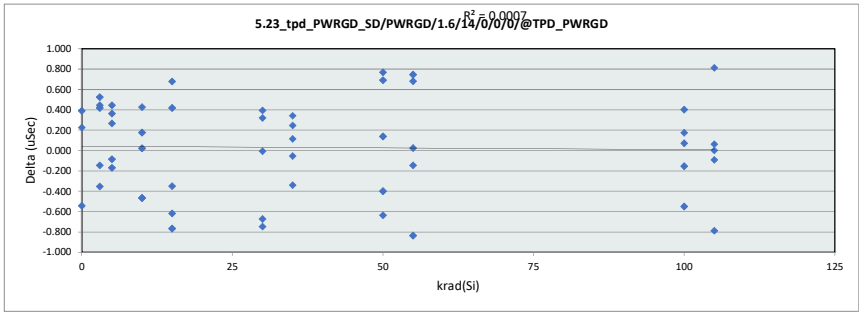


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

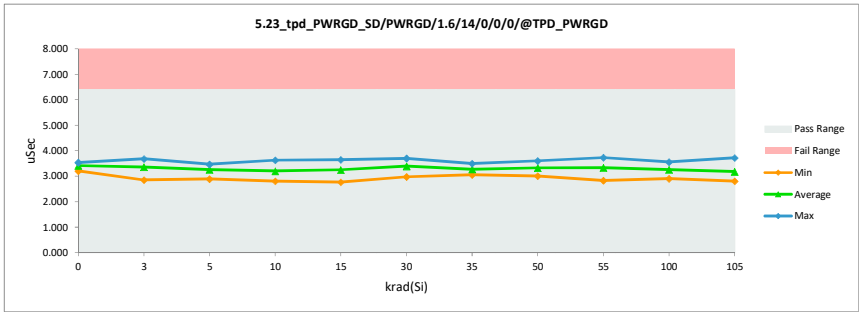
	5.23_tpd_PWRGD_SD/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.747	3.207	-0.540
0	14	3.279	3.507	0.228
0	15	3.143	3.536	0.393
3	20	3.333	2.982	-0.351
3	21	2.995	2.853	-0.142
3	22	3.195	3.642	0.447
3	23	3.128	3.655	0.527
3	24	3.260	3.682	0.422
5	25	3.175	3.092	-0.083
5	26	3.131	3.401	0.270
5	27	3.063	2.895	-0.168
5	28	3.070	3.435	0.365
5	29	3.022	3.470	0.448
10	30	3.103	3.282	0.179
10	31	3.330	2.867	-0.463
10	32	3.008	3.437	0.429
10	33	3.268	2.804	-0.464
10	34	3.605	3.631	0.026
15	35	2.842	3.523	0.681
15	36	3.678	3.331	-0.347
15	37	3.530	2.766	-0.764
15	38	3.227	3.649	0.422
15	39	3.587	2.972	-0.615
30	40	3.236	3.633	0.397
30	41	3.704	3.701	-0.003
30	42	3.772	3.103	-0.669
30	43	3.725	2.980	-0.745
30	44	3.232	3.556	0.324
35	45	2.959	3.208	0.249
35	46	3.452	3.115	-0.337
35	47	3.381	3.498	0.117
35	48	3.138	3.482	0.344
35	49	3.105	3.054	-0.051
50	50	2.912	3.054	0.142
50	51	3.646	3.012	-0.634
50	52	3.796	3.399	-0.397
50	53	2.834	3.606	0.772
50	54	2.886	3.581	0.695
55	55	3.196	3.054	-0.142
55	56	3.455	3.482	0.027
55	57	2.844	3.593	0.749
55	58	3.668	2.835	-0.833
55	59	3.047	3.732	0.685
100	60	2.829	2.904	0.075
100	61	3.345	3.194	-0.151
100	62	3.151	3.556	0.405
100	63	3.271	3.448	0.177
100	64	3.730	3.183	-0.547
105	65	3.765	2.980	-0.785
105	66	2.897	2.808	-0.089
105	67	3.433	3.498	0.065
105	68	2.905	3.720	0.815
105	69	2.887	2.892	0.005
	Max	3.796	3.732	0.815
	Average	3.263	3.292	0.029
	Min	2.829	2.766	-0.833
	Std Dev	0.295	0.302	0.457



	5.23_tpd_PWRGD_SD/PV	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.207	2.853	2.895	2.804	2.766	2.980	3.054	3.012	2.835	2.904	2.808
Average	3.417	3.363	3.259	3.204	3.248	3.395	3.271	3.330	3.339	3.257	3.180
Max	3.536	3.682	3.470	3.631	3.649	3.701	3.498	3.606	3.732	3.556	3.720
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

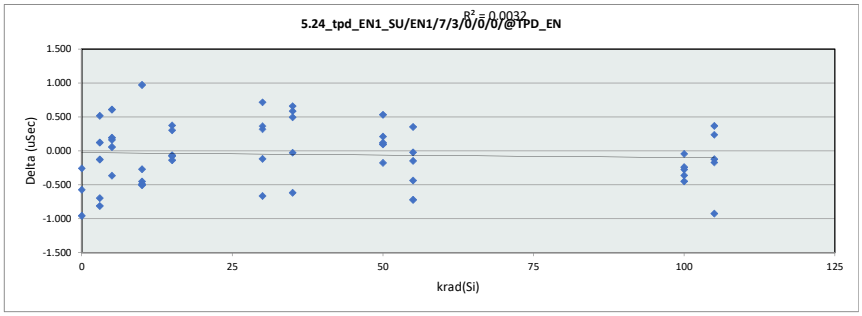


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

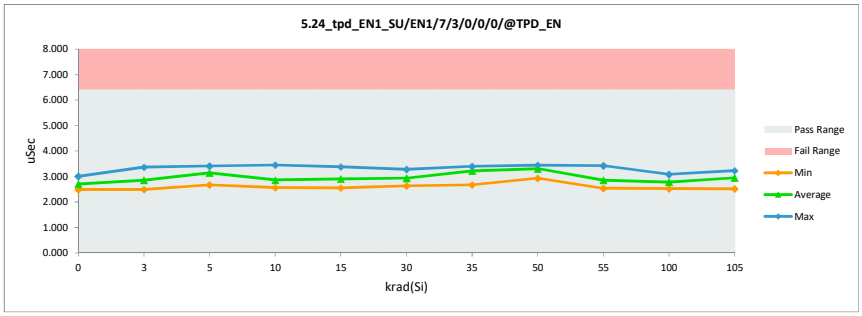
	5.24_tpd_EN1_SU/EN1/7/	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.197	2.626	-0.571
0	14	3.446	2.492	-0.954
0	15	3.261	3.006	-0.255
3	20	3.185	2.492	-0.693
3	21	2.995	2.872	-0.123
3	22	3.323	2.516	-0.807
3	23	2.528	3.048	0.520
3	24	3.244	3.371	0.127
5	25	2.665	3.276	0.611
5	26	2.872	3.037	0.165
5	27	3.353	3.413	0.060
5	28	3.037	2.676	-0.361
5	29	3.131	3.329	0.198
10	30	2.919	2.653	-0.266
10	31	2.476	3.452	0.976
10	32	3.405	2.917	-0.488
10	33	3.064	2.563	-0.501
10	34	3.172	2.725	-0.447
15	35	2.571	2.950	0.379
15	36	3.442	3.380	-0.062
15	37	2.655	2.962	0.307
15	38	2.812	2.679	-0.133
15	39	2.627	2.552	-0.075
30	40	2.564	3.285	0.721
30	41	2.752	2.638	-0.114
30	42	2.791	3.159	0.368
30	43	2.542	2.864	0.322
30	44	3.406	2.745	-0.661
35	45	3.290	2.675	-0.615
35	46	2.822	3.320	0.498
35	47	2.808	3.397	0.589
35	48	2.632	3.296	0.664
35	49	3.425	3.401	-0.024
50	50	3.110	2.936	-0.174
50	51	3.296	3.418	0.122
50	52	2.908	3.444	0.536
50	53	3.308	3.407	0.099
50	54	3.143	3.357	0.214
55	55	2.763	2.744	-0.019
55	56	3.227	2.794	-0.433
55	57	3.069	3.425	0.356
55	58	3.257	2.540	-0.717
55	59	2.941	2.798	-0.143
100	60	3.203	2.845	-0.358
100	61	2.794	2.523	-0.271
100	62	2.752	2.712	-0.040
100	63	3.326	3.089	-0.237
100	64	3.168	2.722	-0.446
105	65	3.442	2.520	-0.922
105	66	2.903	2.783	-0.120
105	67	2.747	2.989	0.242
105	68	3.399	3.232	-0.167
105	69	2.863	3.234	0.371
	Max	3.446	3.452	0.976
	Average	3.019	2.968	-0.052
	Min	2.476	2.492	-0.954
	Std Dev	0.291	0.324	0.450



	5.24_tpd_EN1_SU/EN1/7	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.492	2.492	2.676	2.563	2.552	2.638	2.675	2.936	2.540	2.523	2.520
Average	2.708	2.860	3.146	2.862	2.905	2.938	3.218	3.312	2.860	2.778	2.952
Max	3.006	3.371	3.413	3.452	3.380	3.285	3.401	3.444	3.425	3.089	3.234
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

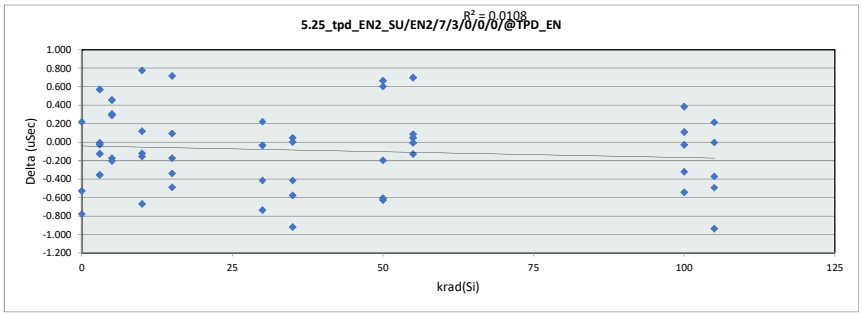


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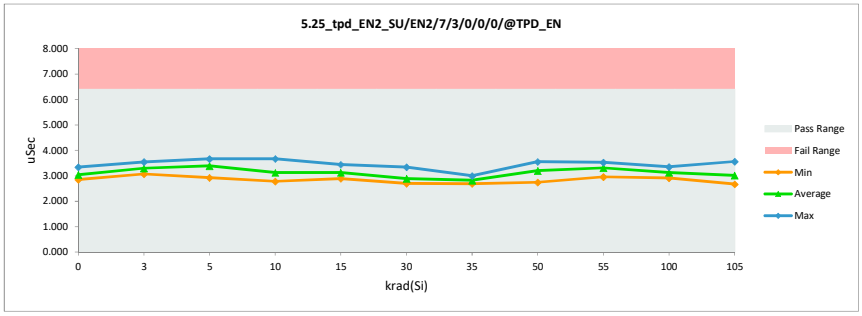
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.25_tpd_EN2_SU/EN2/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.464	2.940	-0.524
0	14	3.632	2.857	-0.775
0	15	3.120	3.343	0.223
3	20	3.301	3.296	-0.005
3	21	3.668	3.545	-0.123
3	22	2.757	3.330	0.573
3	23	3.593	3.241	-0.352
3	24	3.092	3.070	-0.022
5	25	3.264	3.094	-0.170
5	26	3.127	2.927	-0.200
5	27	3.358	3.652	0.294
5	28	3.206	3.665	0.459
5	29	3.305	3.612	0.307
10	30	2.969	2.817	-0.152
10	31	3.451	2.785	-0.666
10	32	3.043	2.925	-0.118
10	33	2.894	3.673	0.779
10	34	3.319	3.440	0.121
15	35	3.505	3.020	-0.485
15	36	2.722	3.442	0.720
15	37	3.446	3.276	-0.170
15	38	3.230	2.895	-0.335
15	39	2.910	3.006	0.096
30	40	3.253	2.842	-0.411
30	41	2.731	2.699	-0.032
30	42	3.589	2.857	-0.732
30	43	3.120	3.344	0.224
30	44	2.773	2.742	-0.031
35	45	2.951	3.001	0.050
35	46	2.806	2.810	0.004
35	47	3.665	2.749	-0.916
35	48	3.450	2.876	-0.574
35	49	3.100	2.688	-0.412
50	50	2.890	3.557	0.667
50	51	3.668	3.474	-0.194
50	52	3.446	2.842	-0.604
50	53	3.368	2.745	-0.623
50	54	2.785	3.391	0.606
55	55	3.403	3.278	-0.125
55	56	3.417	3.467	0.050
55	57	2.964	2.959	-0.005
55	58	2.826	3.528	0.702
55	59	3.230	3.319	0.089
100	60	3.058	3.032	-0.026
100	61	3.237	3.349	0.112
100	62	2.887	3.273	0.386
100	63	3.400	3.083	-0.317
100	64	3.451	2.912	-0.539
105	65	3.344	3.561	0.217
105	66	3.162	2.794	-0.368
105	67	3.030	3.030	0.000
105	68	3.506	3.017	-0.489
105	69	3.606	2.673	-0.933
	Max	3.668	3.673	0.779
	Average	3.217	3.127	-0.090
	Min	2.722	2.673	-0.933
	Std Dev	0.280	0.303	0.427



	5.25_tpd_EN2_SU/EN2/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.857	3.070	2.927	2.785	2.895	2.699	2.688	2.745	2.959	2.912	2.673
Average	3.047	3.296	3.390	3.128	3.128	2.897	2.825	3.202	3.310	3.130	3.015
Max	3.343	3.545	3.665	3.673	3.442	3.344	3.001	3.557	3.528	3.349	3.561
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

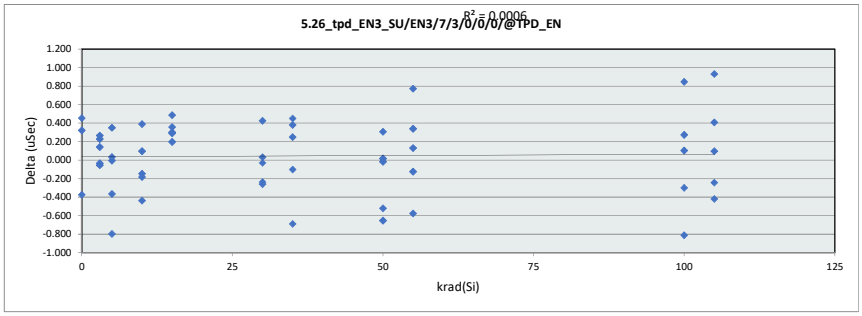


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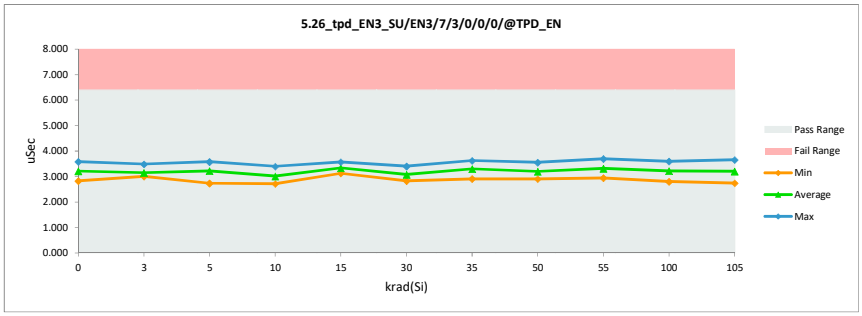
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.26_tpd_EN3_SU/EN3/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.767	3.225	0.458
0	14	3.199	2.828	-0.371
0	15	3.263	3.588	0.325
3	20	2.863	3.095	0.232
3	21	3.070	3.019	-0.051
3	22	2.994	3.140	0.146
3	23	3.035	3.004	-0.031
3	24	3.221	3.491	0.270
5	25	3.621	3.259	-0.362
5	26	3.025	3.062	0.037
5	27	3.229	3.583	0.354
5	28	3.530	2.736	-0.794
5	29	3.480	3.478	-0.002
10	30	2.954	2.811	-0.143
10	31	2.793	2.894	0.101
10	32	3.007	3.401	0.394
10	33	2.896	2.717	-0.179
10	34	3.699	3.266	-0.433
15	35	3.285	3.578	0.293
15	36	3.166	3.472	0.306
15	37	2.654	3.144	0.490
15	38	2.766	3.128	0.362
15	39	3.183	3.384	0.201
30	40	2.776	3.206	0.430
30	41	3.660	3.404	-0.256
30	42	2.855	2.830	-0.025
30	43	3.039	3.074	0.035
30	44	3.108	2.876	-0.232
35	45	3.343	3.246	-0.097
35	46	2.687	3.142	0.455
35	47	3.320	3.574	0.254
35	48	3.242	3.626	0.384
35	49	3.597	2.912	-0.685
50	50	3.309	3.296	-0.013
50	51	3.034	3.345	0.311
50	52	3.536	3.557	0.021
50	53	3.426	2.910	-0.516
50	54	3.562	2.912	-0.650
55	55	3.518	2.946	-0.572
55	56	3.166	3.300	0.134
55	57	3.171	3.050	-0.121
55	58	3.271	3.614	0.343
55	59	2.919	3.696	0.777
100	60	2.749	3.025	0.276
100	61	3.612	2.805	-0.807
100	62	2.649	3.500	0.851
100	63	3.496	3.603	0.107
100	64	3.478	3.182	-0.296
105	65	3.702	3.286	-0.416
105	66	3.118	3.219	0.101
105	67	2.984	2.744	-0.240
105	68	2.724	3.658	0.934
105	69	2.714	3.125	0.411
	Max	3.702	3.696	0.934
	Average	3.160	3.207	0.047
	Min	2.649	2.717	-0.807
	Std Dev	0.308	0.281	0.399



	5.26_tpd_EN3_SU/EN3/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.828	3.004	2.736	2.717	3.128	2.830	2.912	2.910	2.946	2.805	2.744
Average	3.214	3.150	3.224	3.018	3.341	3.078	3.300	3.204	3.321	3.223	3.206
Max	3.588	3.491	3.583	3.401	3.578	3.404	3.626	3.557	3.696	3.603	3.658
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

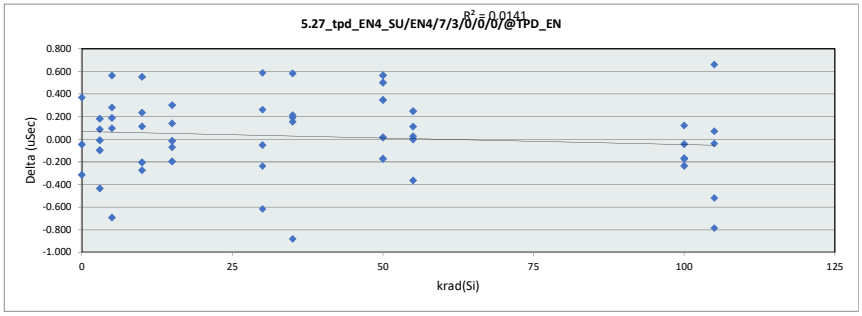


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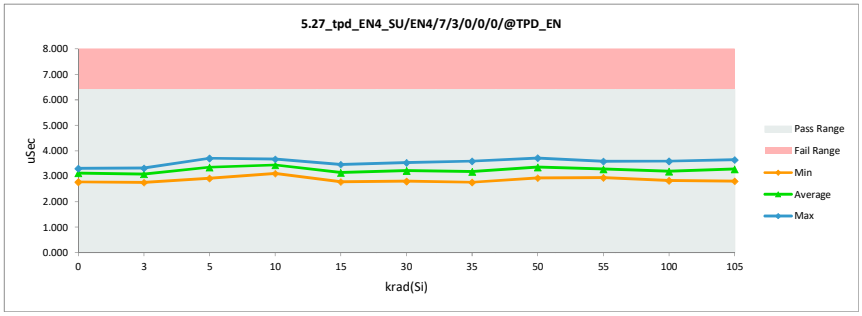
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.27_tpd_EN4_SU/EN4/7/	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.907	3.279	0.372
0	14	3.352	3.309	-0.043
0	15	3.086	2.774	-0.312
3	20	3.481	3.049	-0.432
3	21	3.036	3.127	0.091
3	22	2.763	2.757	-0.006
3	23	2.973	3.157	0.184
3	24	3.414	3.320	-0.094
5	25	3.193	3.477	0.284
5	26	3.422	3.613	0.191
5	27	2.931	3.031	0.100
5	28	3.138	3.704	0.566
5	29	3.610	2.920	-0.690
10	30	3.342	3.459	0.117
10	31	3.313	3.112	-0.201
10	32	3.699	3.428	-0.271
10	33	3.304	3.543	0.239
10	34	3.116	3.671	0.555
15	35	3.301	3.108	-0.193
15	36	2.903	3.208	0.305
15	37	2.854	2.786	-0.068
15	38	3.322	3.465	0.143
15	39	3.159	3.148	-0.011
30	40	3.764	3.150	-0.614
30	41	3.036	2.802	-0.234
30	42	2.947	3.537	0.590
30	43	3.205	3.156	-0.049
30	44	3.183	3.448	0.265
35	45	3.436	3.593	0.157
35	46	2.748	3.334	0.586
35	47	2.834	3.050	0.216
35	48	3.641	2.762	-0.879
35	49	2.969	3.163	0.194
50	50	2.915	2.934	0.019
50	51	2.933	3.437	0.504
50	52	3.365	3.715	0.350
50	53	2.832	3.400	0.568
50	54	3.485	3.315	-0.170
55	55	3.563	3.201	-0.362
55	56	2.947	2.948	0.001
55	57	3.365	3.480	0.115
55	58	3.159	3.188	0.029
55	59	3.332	3.584	0.252
100	60	2.992	2.827	-0.165
100	61	3.631	3.591	-0.040
100	62	3.466	3.234	-0.232
100	63	3.142	3.267	0.125
100	64	3.239	3.068	-0.171
105	65	3.570	3.643	0.073
105	66	2.754	3.418	0.664
105	67	3.589	2.807	-0.782
105	68	3.439	2.923	-0.516
105	69	3.651	3.616	-0.035
	Max	3.764	3.715	0.664
	Average	3.222	3.246	0.024
	Min	2.748	2.757	-0.879
	Std Dev	0.279	0.280	0.353



	5.27_tpd_EN4_SU/EN4/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.774	2.757	2.920	3.112	2.786	2.802	2.762	2.934	2.948	2.827	2.807
Average	3.121	3.082	3.349	3.443	3.143	3.219	3.180	3.360	3.280	3.197	3.281
Max	3.309	3.320	3.704	3.671	3.465	3.537	3.593	3.715	3.584	3.591	3.643
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

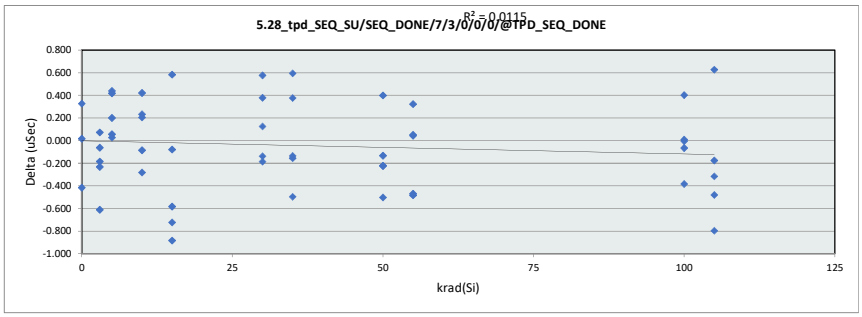


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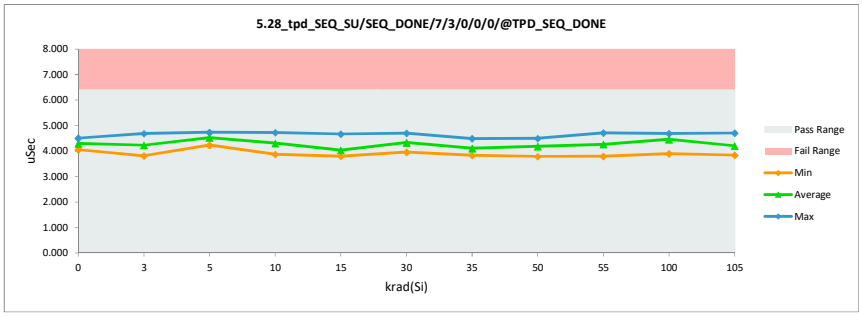
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.28_tpd_SEQ_SU/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.180	4.509	0.329
0	14	4.741	4.328	-0.413
0	15	4.036	4.055	0.019
3	20	4.310	4.385	0.075
3	21	4.126	3.943	-0.183
3	22	4.564	4.335	-0.229
3	23	4.754	4.693	-0.061
3	24	4.426	3.817	-0.609
5	25	4.628	4.657	0.029
5	26	4.176	4.235	0.059
5	27	4.042	4.463	0.421
5	28	4.534	4.737	0.203
5	29	4.086	4.527	0.441
10	30	4.327	4.562	0.235
10	31	4.477	4.198	-0.279
10	32	4.303	4.727	0.424
10	33	4.002	4.209	0.207
10	34	3.956	3.873	-0.083
15	35	4.721	3.839	-0.882
15	36	4.597	4.015	-0.582
15	37	4.087	4.672	0.585
15	38	3.932	3.856	-0.076
15	39	4.517	3.796	-0.721
30	40	4.124	4.704	0.580
30	41	4.401	4.266	-0.135
30	42	4.226	4.354	0.128
30	43	4.145	3.961	-0.184
30	44	4.012	4.393	0.381
35	45	3.827	4.207	0.380
35	46	4.166	4.013	-0.153
35	47	3.968	3.835	-0.133
35	48	3.894	4.492	0.598
35	49	4.480	3.985	-0.495
50	50	4.095	4.497	0.402
50	51	3.921	3.790	-0.131
50	52	4.417	3.917	-0.500
50	53	4.467	4.244	-0.223
50	54	4.721	4.501	-0.220
55	55	4.478	3.996	-0.482
55	56	4.393	4.718	0.325
55	57	4.433	4.478	0.045
55	58	3.744	3.798	0.054
55	59	4.800	4.332	-0.468
100	60	4.159	4.564	0.405
100	61	4.679	4.691	0.012
100	62	4.281	3.900	-0.381
100	63	4.568	4.505	-0.063
100	64	4.646	4.644	-0.002
105	65	4.081	4.711	0.630
105	66	4.461	4.288	-0.173
105	67	4.634	3.839	-0.795
105	68	4.267	3.953	-0.314
105	69	4.717	4.238	-0.479
	Max	4.800	4.737	0.630
	Average	4.316	4.269	-0.047
	Min	3.744	3.790	-0.882
	Std Dev	0.279	0.314	0.380



	5.28_tpd_SEQ_SU/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.055	3.817	4.235	3.873	3.796	3.961	3.835	3.790	3.798	3.900	3.839
Average	4.297	4.235	4.524	4.314	4.036	4.336	4.106	4.190	4.264	4.461	4.206
Max	4.509	4.693	4.737	4.727	4.672	4.704	4.492	4.501	4.718	4.691	4.711
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

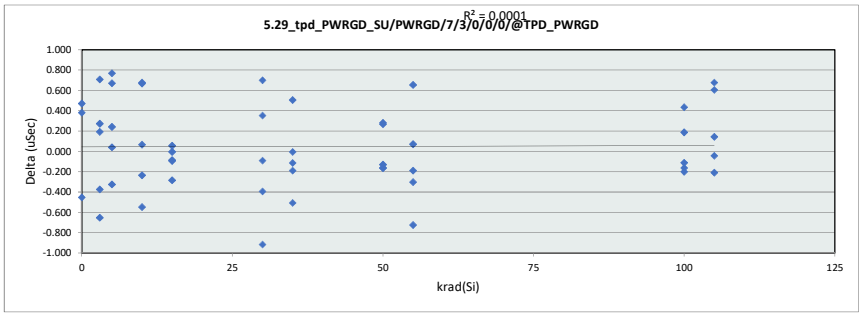


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

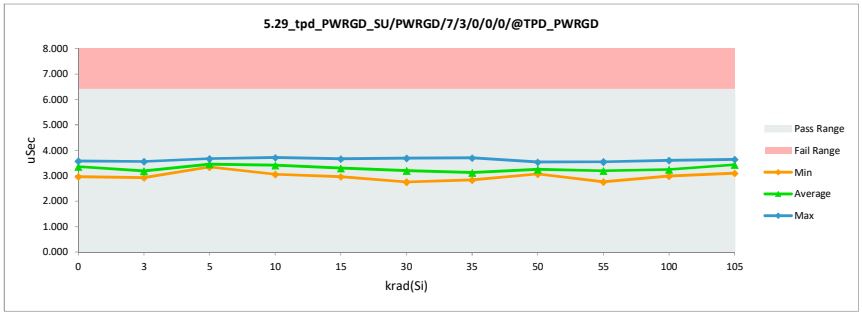
	5.29_tpd_PWRGD_SU/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.200	3.584	0.384
0	14	3.067	3.541	0.474
0	15	3.415	2.965	-0.450
3	20	2.918	3.194	0.276
3	21	2.831	3.026	0.195
3	22	2.852	3.564	0.712
3	23	3.618	3.248	-0.370
3	24	3.580	2.931	-0.649
5	25	2.904	3.676	0.772
5	26	2.767	3.440	0.673
5	27	3.671	3.350	-0.321
5	28	3.133	3.378	0.245
5	29	3.407	3.450	0.043
10	30	3.637	3.405	-0.232
10	31	3.037	3.717	0.680
10	32	3.602	3.057	-0.545
10	33	2.999	3.670	0.671
10	34	3.184	3.254	0.070
15	35	3.304	3.304	0.000
15	36	3.611	3.670	0.059
15	37	3.568	3.486	-0.082
15	38	3.164	3.074	-0.090
15	39	3.246	2.965	-0.281
30	40	2.810	3.513	0.703
30	41	3.336	3.692	0.356
30	42	2.969	2.881	-0.088
30	43	3.669	2.756	-0.913
30	44	3.560	3.169	-0.391
35	45	2.950	2.840	-0.110
35	46	3.197	3.706	0.509
35	47	3.083	2.898	-0.185
35	48	3.240	3.238	-0.002
35	49	3.448	2.945	-0.503
50	50	3.261	3.102	-0.159
50	51	3.702	3.543	-0.159
50	52	2.812	3.083	0.271
50	53	2.787	3.071	0.284
50	54	3.590	3.464	-0.126
55	55	3.065	2.767	-0.298
55	56	3.410	3.485	0.075
55	57	3.575	2.854	-0.721
55	58	3.524	3.339	-0.185
55	59	2.891	3.548	0.657
100	60	3.338	3.178	-0.160
100	61	3.009	3.200	0.191
100	62	3.189	2.992	-0.197
100	63	3.168	3.606	0.438
100	64	3.378	3.269	-0.109
105	65	2.927	3.535	0.608
105	66	3.311	3.106	-0.205
105	67	3.178	3.324	0.146
105	68	3.623	3.583	-0.040
105	69	2.970	3.650	0.680
	Max	3.702	3.717	0.772
	Average	3.239	3.288	0.049
	Min	2.767	2.756	-0.913
	Std Dev	0.283	0.281	0.413



	5.29_tpd_PWRGD_SU/PV	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.965	2.931	3.350	3.057	2.965	2.756	2.840	3.071	2.767	2.992	3.106
Average	3.363	3.193	3.459	3.421	3.300	3.202	3.125	3.253	3.199	3.249	3.440
Max	3.584	3.564	3.676	3.717	3.670	3.692	3.706	3.543	3.548	3.606	3.650
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

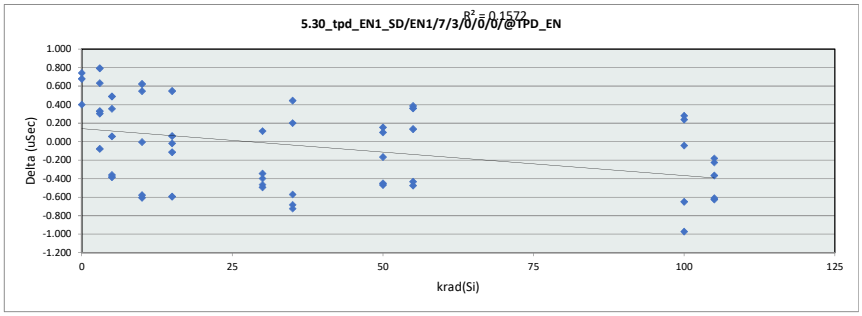


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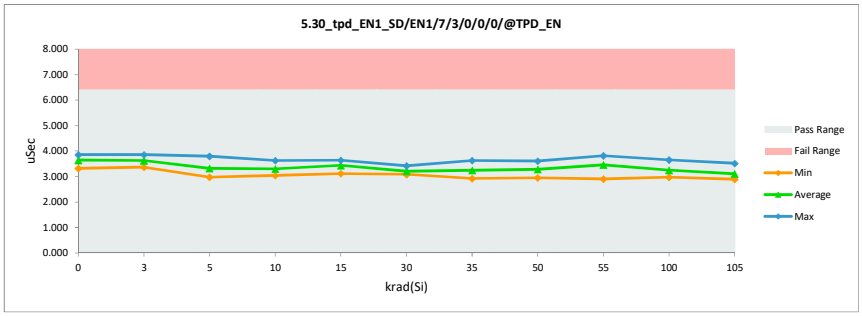
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.30_tpd_EN1_SD/EN1/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.073	3.754	0.681
0	14	2.921	3.324	0.403
0	15	3.114	3.859	0.745
3	20	3.063	3.858	0.795
3	21	3.062	3.367	0.305
3	22	3.585	3.509	-0.076
3	23	3.144	3.778	0.634
3	24	3.313	3.646	0.333
5	25	3.476	3.118	-0.358
5	26	3.357	2.975	-0.382
5	27	3.247	3.605	0.358
5	28	3.060	3.120	0.060
5	29	3.310	3.801	0.491
10	30	2.926	3.551	0.625
10	31	3.083	3.632	0.549
10	32	3.646	3.041	-0.605
10	33	3.127	3.126	-0.001
10	34	3.731	3.155	-0.576
15	35	3.291	3.354	0.063
15	36	2.943	3.493	0.550
15	37	3.709	3.117	-0.592
15	38	3.753	3.642	-0.111
15	39	3.628	3.611	-0.017
30	40	3.913	3.422	-0.491
30	41	3.592	3.130	-0.462
30	42	2.973	3.090	0.117
30	43	3.498	3.157	-0.341
30	44	3.643	3.248	-0.395
35	45	3.831	3.262	-0.569
35	46	3.606	2.926	-0.680
35	47	3.425	3.629	0.204
35	48	3.800	3.078	-0.722
35	49	2.880	3.326	0.446
50	50	3.399	2.952	-0.447
50	51	3.453	3.609	0.156
50	52	3.166	3.268	0.102
50	53	3.446	2.981	-0.465
50	54	3.763	3.600	-0.163
55	55	3.377	2.904	-0.473
55	56	3.585	3.723	0.138
55	57	3.188	3.576	0.388
55	58	3.458	3.821	0.363
55	59	3.717	3.288	-0.429
100	60	3.143	3.103	-0.040
100	61	3.771	3.123	-0.648
100	62	3.374	3.656	0.282
100	63	3.945	2.975	-0.970
100	64	3.145	3.386	0.241
105	65	3.306	3.128	-0.178
105	66	3.265	2.902	-0.363
105	67	3.695	3.087	-0.608
105	68	3.741	3.518	-0.223
105	69	3.517	2.895	-0.622
	Max	3.945	3.859	0.795
	Average	3.400	3.343	-0.056
	Min	2.880	2.895	-0.970
	Std Dev	0.290	0.294	0.458



	5.30_tpd_EN1_SD/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.324	3.367	2.975	3.041	3.117	3.090	2.926	2.952	2.904	2.975	2.895
Average	3.646	3.632	3.324	3.301	3.443	3.209	3.244	3.282	3.462	3.249	3.106
Max	3.859	3.858	3.801	3.632	3.642	3.422	3.629	3.609	3.821	3.656	3.518
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

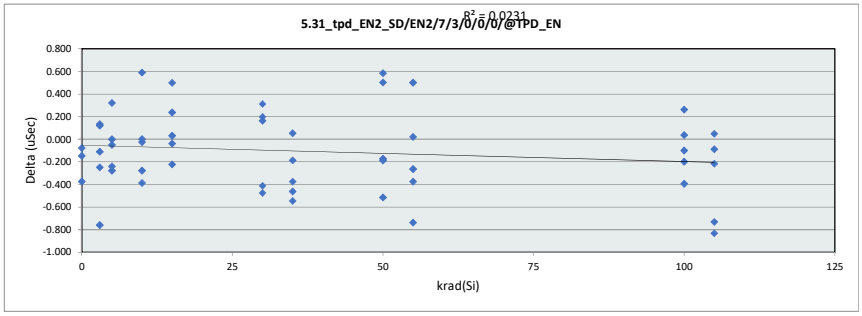


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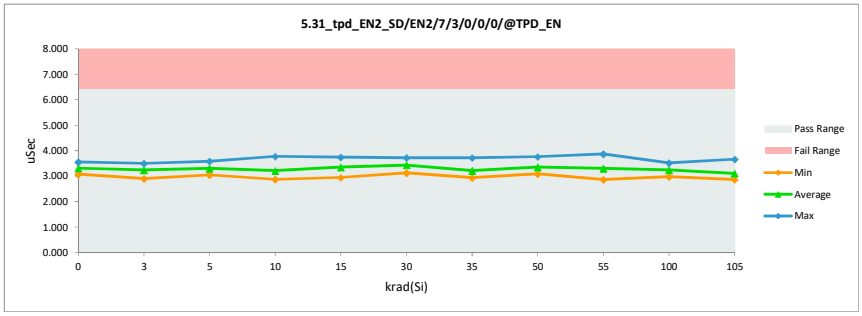
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.31_tpd_EN2_SD/EN2/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.699	3.555	-0.144
0	14	3.684	3.314	-0.370
0	15	3.158	3.083	-0.075
3	20	3.521	3.414	-0.107
3	21	3.658	2.902	-0.756
3	22	3.136	3.260	0.124
3	23	3.392	3.147	-0.245
3	24	3.365	3.502	0.137
5	25	2.972	3.296	0.324
5	26	3.332	3.057	-0.275
5	27	3.177	3.181	0.004
5	28	3.476	3.430	-0.046
5	29	3.826	3.590	-0.236
10	30	2.936	2.915	-0.021
10	31	3.304	3.029	-0.275
10	32	3.526	3.531	0.005
10	33	3.261	2.877	-0.384
10	34	3.182	3.776	0.594
15	35	3.169	2.951	-0.218
15	36	3.292	3.532	0.240
15	37	3.328	3.294	-0.034
15	38	3.235	3.270	0.035
15	39	3.244	3.746	0.502
30	40	3.410	3.726	0.316
30	41	3.851	3.443	-0.408
30	42	3.602	3.131	-0.471
30	43	3.277	3.444	0.167
30	44	3.249	3.451	0.202
35	45	3.384	3.013	-0.371
35	46	3.672	3.728	0.056
35	47	3.348	3.165	-0.183
35	48	3.816	3.273	-0.543
35	49	3.404	2.946	-0.458
50	50	3.679	3.168	-0.511
50	51	3.597	3.427	-0.170
50	52	3.175	3.763	0.588
50	53	3.278	3.094	-0.184
50	54	2.847	3.352	0.505
55	55	2.975	3.479	0.504
55	56	3.848	3.872	0.024
55	57	3.707	2.973	-0.734
55	58	3.134	2.874	-0.260
55	59	3.717	3.345	-0.372
100	60	3.050	3.090	0.040
100	61	3.722	3.527	-0.195
100	62	3.078	2.981	-0.097
100	63	2.975	3.241	0.266
100	64	3.769	3.378	-0.391
105	65	3.217	3.133	-0.084
105	66	3.615	3.667	0.052
105	67	3.208	2.995	-0.213
105	68	3.713	2.885	-0.828
105	69	3.598	2.871	-0.727
	Max	3.851	3.872	0.594
	Average	3.392	3.285	-0.108
	Min	2.847	2.871	-0.828
	Std Dev	0.270	0.278	0.343



	5.31_tpd_EN2_SD/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.083	2.902	3.057	2.877	2.951	3.131	2.946	3.094	2.874	2.981	2.871
Average	3.317	3.245	3.311	3.226	3.359	3.439	3.225	3.361	3.309	3.243	3.110
Max	3.555	3.502	3.590	3.776	3.746	3.726	3.728	3.763	3.872	3.527	3.667
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

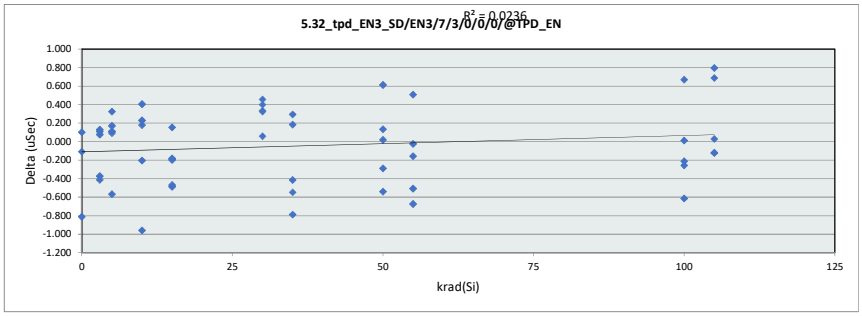


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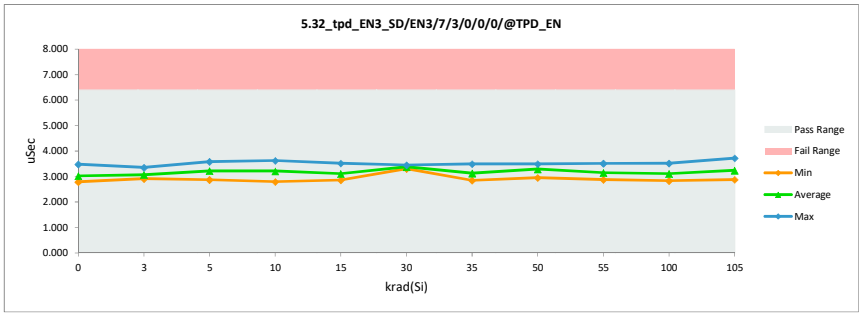
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.32_tpd_EN3_SD/EN3/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.382	3.487	0.105
0	14	2.894	2.790	-0.104
0	15	3.602	2.794	-0.808
3	20	3.326	2.957	-0.369
3	21	3.428	3.020	-0.408
3	22	3.242	3.355	0.113
3	23	2.972	3.104	0.132
3	24	2.835	2.915	0.080
5	25	2.855	3.028	0.173
5	26	3.472	3.586	0.114
5	27	3.639	3.075	-0.564
5	28	3.216	3.545	0.329
5	29	2.777	2.874	0.097
10	30	3.752	2.796	-0.956
10	31	3.221	3.630	0.409
10	32	3.357	3.156	-0.201
10	33	2.851	3.033	0.182
10	34	3.217	3.451	0.234
15	35	3.196	3.018	-0.178
15	36	3.418	2.936	-0.482
15	37	3.074	3.232	0.158
15	38	3.715	3.522	-0.193
15	39	3.330	2.865	-0.465
30	40	3.328	3.391	0.063
30	41	2.945	3.349	0.404
30	42	2.945	3.404	0.459
30	43	3.115	3.453	0.338
30	44	2.980	3.309	0.329
35	45	3.293	2.883	-0.410
35	46	3.633	2.848	-0.785
35	47	3.196	3.494	0.298
35	48	3.548	3.005	-0.543
35	49	3.244	3.432	0.188
50	50	3.353	3.491	0.138
50	51	3.321	3.343	0.022
50	52	3.741	3.204	-0.537
50	53	3.238	2.954	-0.284
50	54	2.881	3.497	0.616
55	55	3.343	3.190	-0.153
55	56	3.521	3.017	-0.504
55	57	3.184	3.164	-0.020
55	58	3.550	2.880	-0.670
55	59	3.007	3.519	0.512
100	60	2.848	3.521	0.673
100	61	3.085	2.877	-0.208
100	62	3.714	3.461	-0.253
100	63	3.451	2.840	-0.611
100	64	2.843	2.858	0.015
105	65	2.846	3.537	0.691
105	66	2.913	2.946	0.033
105	67	2.924	3.724	0.800
105	68	3.001	2.886	-0.115
105	69	3.225	3.106	-0.119
	Max	3.752	3.724	0.800
	Average	3.226	3.184	-0.042
	Min	2.777	2.790	-0.956
	Std Dev	0.278	0.275	0.411



	5.32_tpd_EN3_SD/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.790	2.915	2.874	2.796	2.865	3.309	2.848	2.954	2.880	2.840	2.886
Average	3.024	3.070	3.222	3.213	3.115	3.381	3.132	3.298	3.154	3.111	3.240
Max	3.487	3.355	3.586	3.630	3.522	3.453	3.494	3.497	3.519	3.521	3.724
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

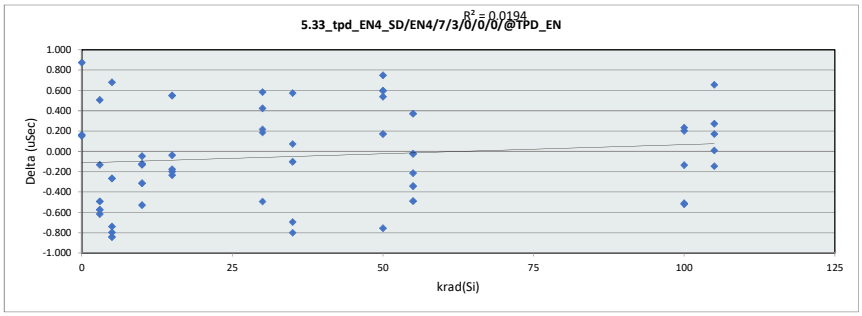


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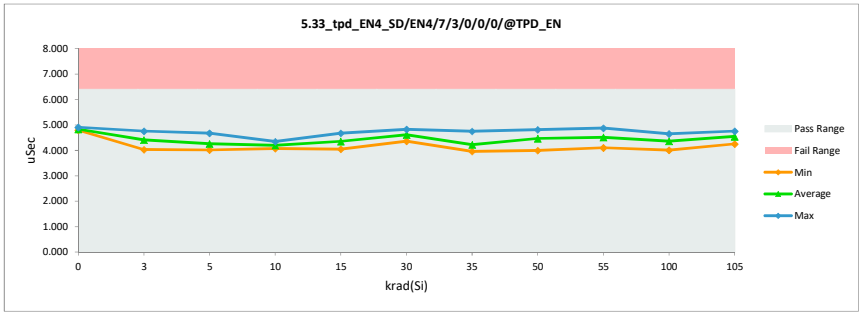
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.33_tpd_EN4_SD/EN4/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.927	4.802	0.875
0	14	4.632	4.797	0.165
0	15	4.751	4.907	0.156
3	20	4.886	4.756	-0.130
3	21	4.857	4.367	-0.490
3	22	4.037	4.546	0.509
3	23	4.927	4.355	-0.572
3	24	4.642	4.028	-0.614
5	25	4.855	4.015	-0.840
5	26	4.558	4.295	-0.263
5	27	4.900	4.106	-0.794
5	28	4.922	4.185	-0.737
5	29	3.996	4.679	0.683
10	30	4.245	4.201	-0.044
10	31	4.604	4.079	-0.525
10	32	4.326	4.199	-0.127
10	33	4.656	4.345	-0.311
10	34	4.306	4.185	-0.121
15	35	4.279	4.048	-0.231
15	36	3.979	4.530	0.551
15	37	4.613	4.417	-0.196
15	38	4.281	4.107	-0.174
15	39	4.714	4.680	-0.034
30	40	4.525	4.744	0.219
30	41	4.855	4.364	-0.491
30	42	4.245	4.831	0.586
30	43	4.187	4.613	0.426
30	44	4.306	4.494	0.188
35	45	4.821	4.024	-0.797
35	46	4.651	3.959	-0.692
35	47	4.172	4.748	0.576
35	48	4.159	4.059	-0.100
35	49	4.256	4.332	0.076
50	50	4.061	4.812	0.751
50	51	4.753	3.999	-0.754
50	52	4.019	4.618	0.599
50	53	4.188	4.362	0.174
50	54	3.998	4.538	0.540
55	55	4.892	4.871	-0.021
55	56	4.312	4.101	-0.211
55	57	4.494	4.867	0.373
55	58	4.760	4.273	-0.487
55	59	4.781	4.442	-0.339
100	60	4.416	4.651	0.235
100	61	4.246	4.451	0.205
100	62	4.525	4.009	-0.516
100	63	4.588	4.455	-0.133
100	64	4.775	4.267	-0.508
105	65	4.896	4.753	-0.143
105	66	3.952	4.610	0.658
105	67	4.583	4.757	0.174
105	68	4.362	4.374	0.012
105	69	3.977	4.252	0.275
	Max	4.927	4.907	0.875
	Average	4.465	4.420	-0.045
	Min	3.927	3.959	-0.840
	Std Dev	0.315	0.284	0.461



	5.33_tpd_EN4_SD/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.797	4.028	4.015	4.079	4.048	4.364	3.959	3.999	4.101	4.009	4.252
Average	4.835	4.410	4.256	4.202	4.356	4.609	4.224	4.466	4.511	4.367	4.549
Max	4.907	4.756	4.679	4.345	4.680	4.831	4.748	4.812	4.871	4.651	4.757
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

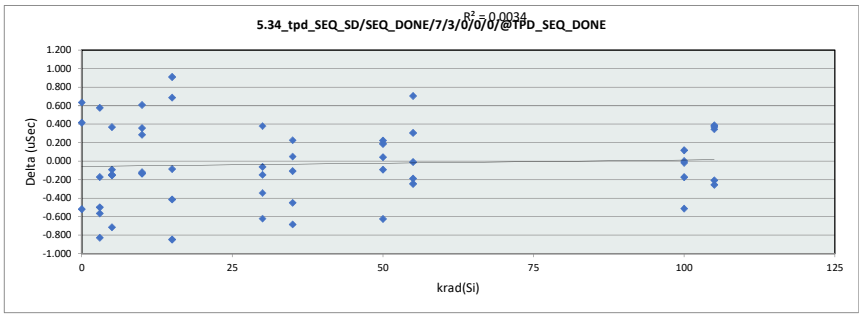


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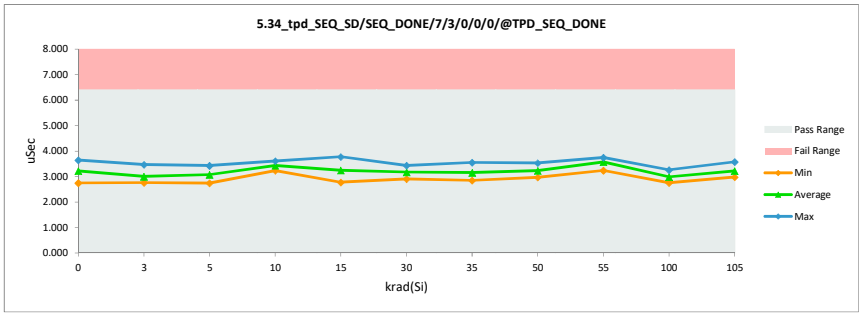
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.34_tpd_SEQ_SD/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.006	3.644	0.638
0	14	2.852	3.270	0.418
0	15	3.265	2.750	-0.515
3	20	2.984	2.816	-0.168
3	21	2.891	3.471	0.580
3	22	3.441	2.879	-0.562
3	23	3.602	3.107	-0.495
3	24	3.589	2.765	-0.824
5	25	3.573	3.428	-0.145
5	26	3.225	3.077	-0.148
5	27	2.876	3.248	0.372
5	28	2.984	2.895	-0.089
5	29	3.457	2.745	-0.712
10	30	3.592	3.476	-0.116
10	31	2.881	3.492	0.611
10	32	3.326	3.615	0.289
10	33	3.363	3.231	-0.132
10	34	2.993	3.353	0.360
15	35	2.841	3.530	0.689
15	36	3.106	3.025	-0.081
15	37	3.618	2.774	-0.844
15	38	2.866	3.779	0.913
15	39	3.537	3.127	-0.410
30	40	3.376	3.317	-0.059
30	41	3.246	2.905	-0.341
30	42	3.051	3.434	0.383
30	43	3.322	3.177	-0.145
30	44	3.673	3.055	-0.618
35	45	3.325	3.555	0.230
35	46	3.171	3.067	-0.104
35	47	3.309	3.362	0.053
35	48	3.635	2.955	-0.680
35	49	3.292	2.846	-0.446
50	50	3.436	3.482	0.046
50	51	2.975	3.165	0.190
50	52	3.638	3.017	-0.621
50	53	3.621	3.533	-0.088
50	54	2.747	2.972	0.225
55	55	3.423	3.239	-0.184
55	56	3.012	3.719	0.707
55	57	3.441	3.749	0.308
55	58	3.615	3.608	-0.007
55	59	3.797	3.556	-0.241
100	60	3.278	3.263	-0.015
100	61	2.778	2.782	0.004
100	62	3.118	3.239	0.121
100	63	3.402	2.893	-0.509
100	64	2.929	2.760	-0.169
105	65	2.958	3.306	0.348
105	66	2.762	3.153	0.391
105	67	3.208	3.582	0.374
105	68	3.186	2.982	-0.204
105	69	3.344	3.092	-0.252
	Max	3.797	3.779	0.913
	Average	3.244	3.212	-0.032
	Min	2.747	2.745	-0.844
	Std Dev	0.286	0.300	0.423



	5.34_tpd_SEQ_SD/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.750	2.765	2.745	3.231	2.774	2.905	2.846	2.972	3.239	2.760	2.982
Average	3.221	3.008	3.079	3.433	3.247	3.178	3.157	3.234	3.574	2.987	3.223
Max	3.644	3.471	3.428	3.615	3.779	3.434	3.555	3.533	3.749	3.263	3.582
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

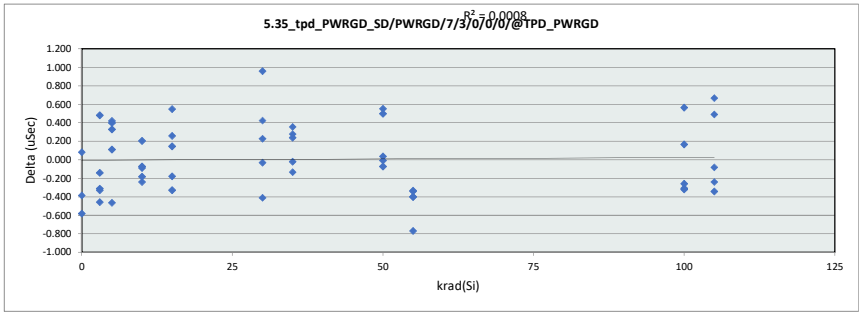


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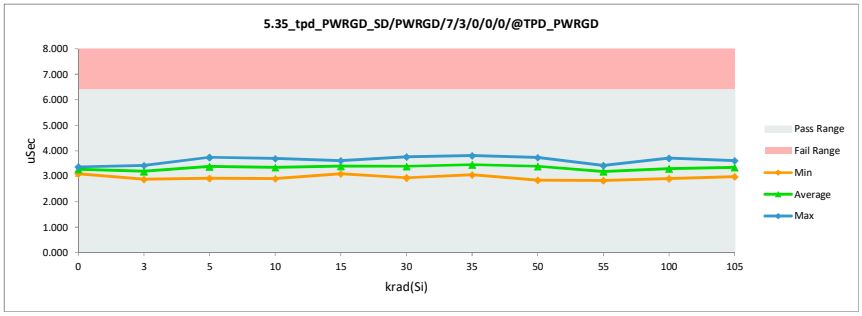
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.35_tpd_PWRGD_SD/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.730	3.347	-0.383
0	14	3.673	3.094	-0.579
0	15	3.282	3.367	0.085
3	20	3.016	2.879	-0.137
3	21	3.666	3.212	-0.454
3	22	3.731	3.423	-0.308
3	23	2.892	3.376	0.484
3	24	3.396	3.069	-0.327
5	25	3.381	2.920	-0.461
5	26	3.107	3.508	0.401
5	27	3.319	3.743	0.424
5	28	3.207	3.538	0.331
5	29	3.099	3.213	0.114
10	30	3.357	3.178	-0.179
10	31	3.478	3.408	-0.070
10	32	3.142	2.906	-0.236
10	33	3.370	3.577	0.207
10	34	3.779	3.694	-0.085
15	35	3.419	3.095	-0.324
15	36	3.001	3.552	0.551
15	37	3.168	3.316	0.148
15	38	3.156	3.417	0.261
15	39	3.790	3.614	-0.176
30	40	3.349	2.942	-0.407
30	41	3.073	3.045	-0.028
30	42	3.217	3.448	0.231
30	43	3.331	3.758	0.427
30	44	2.800	3.761	0.961
35	45	3.568	3.810	0.242
35	46	2.914	3.272	0.358
35	47	3.077	3.059	-0.018
35	48	3.410	3.692	0.282
35	49	3.565	3.434	-0.131
50	50	3.271	3.201	-0.070
50	51	3.175	3.676	0.501
50	52	3.181	3.736	0.555
50	53	2.851	2.846	-0.005
50	54	3.454	3.494	0.040
55	55	3.824	3.059	-0.765
55	56	3.821	3.422	-0.399
55	57	3.232	2.836	-0.396
55	58	3.563	3.226	-0.337
55	59	3.723	3.392	-0.331
100	60	3.814	3.509	-0.305
100	61	3.164	2.907	-0.257
100	62	3.144	3.712	0.568
100	63	2.911	3.081	0.170
100	64	3.589	3.272	-0.317
105	65	3.341	3.262	-0.079
105	66	3.116	3.609	0.493
105	67	2.867	3.537	0.670
105	68	3.685	3.345	-0.340
105	69	3.223	2.986	-0.237
	Max	3.824	3.810	0.961
	Average	3.329	3.335	0.007
	Min	2.800	2.836	-0.765
	Std Dev	0.286	0.278	0.374



	5.35_tpd_PWRGD_SD/P										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.094	2.879	2.920	2.906	3.095	2.942	3.059	2.846	2.836	2.907	2.986
Average	3.269	3.192	3.384	3.353	3.399	3.391	3.453	3.391	3.187	3.296	3.348
Max	3.367	3.423	3.743	3.694	3.614	3.761	3.810	3.736	3.422	3.712	3.609
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

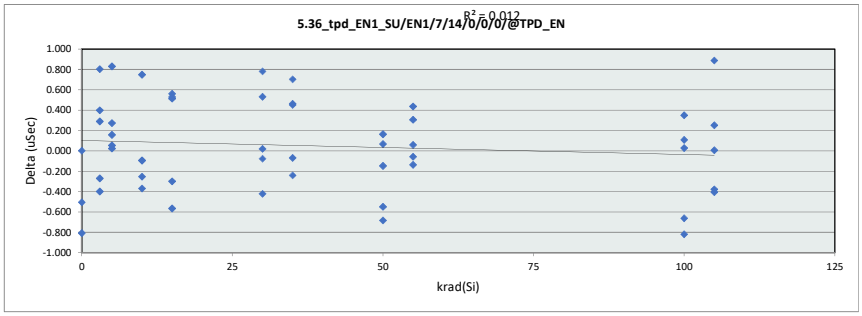


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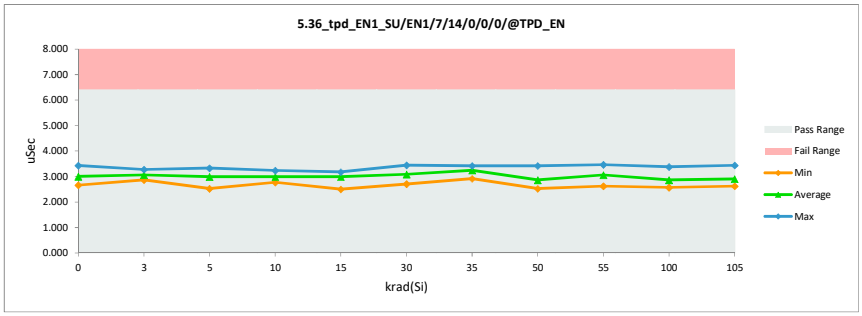
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.36_tpd_EN1_SU/EN1/7/	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.466	2.661	-0.805
0	14	3.426	2.924	-0.502
0	15	3.427	3.432	0.005
3	20	2.468	2.869	0.401
3	21	2.835	3.127	0.292
3	22	3.195	2.928	-0.267
3	23	3.495	3.098	-0.397
3	24	2.472	3.277	0.805
5	25	3.055	3.331	0.276
5	26	2.732	2.757	0.025
5	27	2.495	3.328	0.833
5	28	2.834	2.994	0.160
5	29	2.470	2.527	0.057
10	30	2.489	3.240	0.751
10	31	3.299	2.932	-0.367
10	32	3.008	2.914	-0.094
10	33	3.381	3.130	-0.251
10	34	2.866	2.775	-0.091
15	35	2.517	3.033	0.516
15	36	3.064	2.501	-0.563
15	37	2.615	3.179	0.564
15	38	3.410	3.114	-0.296
15	39	2.631	3.163	0.532
30	40	3.130	2.711	-0.419
30	41	2.520	3.304	0.784
30	42	2.912	3.446	0.534
30	43	3.120	3.046	-0.074
30	44	2.925	2.948	0.023
35	45	2.849	3.315	0.466
35	46	3.154	2.916	-0.238
35	47	3.487	3.421	-0.066
35	48	2.839	3.293	0.454
35	49	2.567	3.273	0.706
50	50	3.086	2.942	-0.144
50	51	3.350	3.419	0.069
50	52	3.073	2.527	-0.546
50	53	2.701	2.867	0.166
50	54	3.266	2.585	-0.681
55	55	3.273	3.139	-0.134
55	56	2.565	2.627	0.062
55	57	3.157	3.466	0.309
55	58	2.719	3.159	0.440
55	59	2.979	2.925	-0.054
100	60	3.232	2.572	-0.660
100	61	2.710	3.062	0.352
100	62	3.270	3.380	0.110
100	63	3.504	2.688	-0.816
100	64	2.601	2.631	0.030
105	65	2.551	3.442	0.891
105	66	3.308	2.905	-0.403
105	67	2.651	2.661	0.010
105	68	2.998	2.623	-0.375
105	69	2.657	2.911	0.254
	Max	3.504	3.466	0.891
	Average	2.959	3.008	0.050
	Min	2.468	2.501	-0.816
	Std Dev	0.334	0.286	0.446



	5.36_tpd_EN1_SU/EN1/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.661	2.869	2.527	2.775	2.501	2.711	2.916	2.527	2.627	2.572	2.623
Average	3.006	3.060	2.987	2.998	2.998	3.091	3.244	2.868	3.063	2.867	2.908
Max	3.432	3.277	3.331	3.240	3.179	3.446	3.421	3.419	3.466	3.380	3.442
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

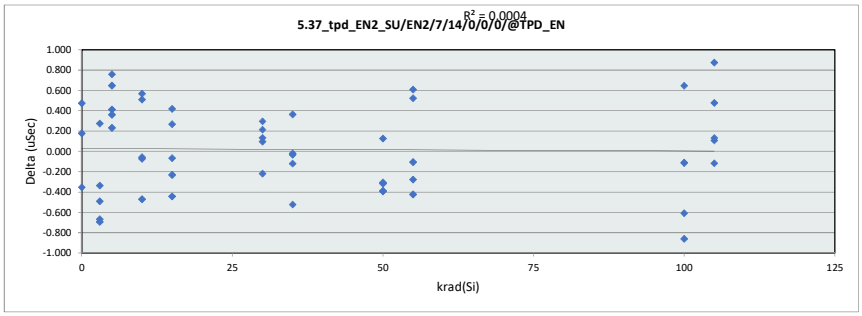


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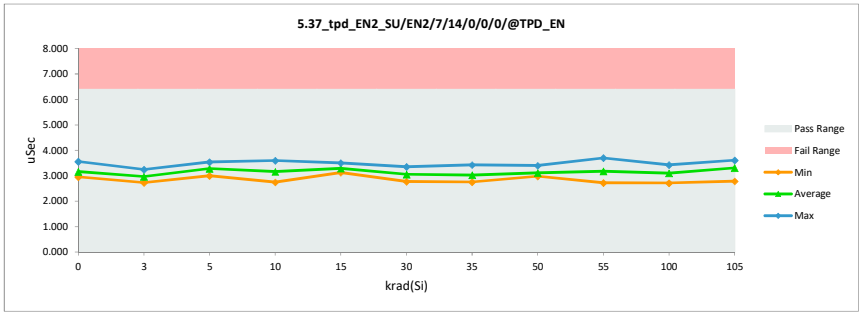
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.37_tpd_EN2_SU/EN2/7/	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.084	3.561	0.477
0	14	3.312	2.962	-0.350
0	15	2.790	2.971	0.181
3	20	3.550	3.217	-0.333
3	21	3.592	2.901	-0.691
3	22	3.245	2.758	-0.487
3	23	3.396	2.732	-0.664
3	24	2.969	3.246	0.277
5	25	2.782	3.544	0.762
5	26	2.791	3.206	0.415
5	27	2.709	3.360	0.651
5	28	2.948	3.312	0.364
5	29	2.774	3.009	0.235
10	30	3.088	3.601	0.513
10	31	3.520	3.053	-0.467
10	32	2.822	2.752	-0.070
10	33	3.142	3.089	-0.053
10	34	2.773	3.344	0.571
15	35	3.239	3.509	0.270
15	36	3.571	3.131	-0.440
15	37	2.793	3.214	0.421
15	38	3.262	3.198	-0.064
15	39	3.638	3.410	-0.228
30	40	3.223	3.360	0.137
30	41	3.131	2.915	-0.216
30	42	2.728	3.026	0.298
30	43	3.005	3.221	0.216
30	44	2.681	2.779	0.098
35	45	3.319	2.799	-0.520
35	46	2.868	2.850	-0.018
35	47	3.441	3.324	-0.117
35	48	2.786	2.755	-0.031
35	49	3.065	3.432	0.367
50	50	3.502	3.112	-0.390
50	51	3.301	2.988	-0.313
50	52	3.440	3.055	-0.385
50	53	3.277	3.407	0.130
50	54	3.313	3.010	-0.303
55	55	2.931	3.543	0.612
55	56	3.036	2.933	-0.103
55	57	3.426	3.005	-0.421
55	58	2.998	2.724	-0.274
55	59	3.177	3.703	0.526
100	60	3.577	2.719	-0.858
100	61	2.678	3.327	0.649
100	62	3.119	3.008	-0.111
100	63	3.651	3.046	-0.605
100	64	3.537	3.430	-0.107
105	65	3.503	3.389	-0.114
105	66	2.662	3.539	0.877
105	67	3.086	3.221	0.135
105	68	2.681	2.791	0.110
105	69	3.137	3.617	0.480
	Max	3.651	3.703	0.877
	Average	3.133	3.153	0.020
	Min	2.662	2.719	-0.858
	Std Dev	0.303	0.276	0.417



	5.37_tpd_EN2_SU/EN2/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.962	2.732	3.009	2.752	3.131	2.779	2.755	2.988	2.724	2.719	2.791
Average	3.165	2.971	3.286	3.168	3.292	3.060	3.032	3.114	3.182	3.106	3.311
Max	3.561	3.246	3.544	3.601	3.509	3.360	3.432	3.407	3.703	3.430	3.617
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

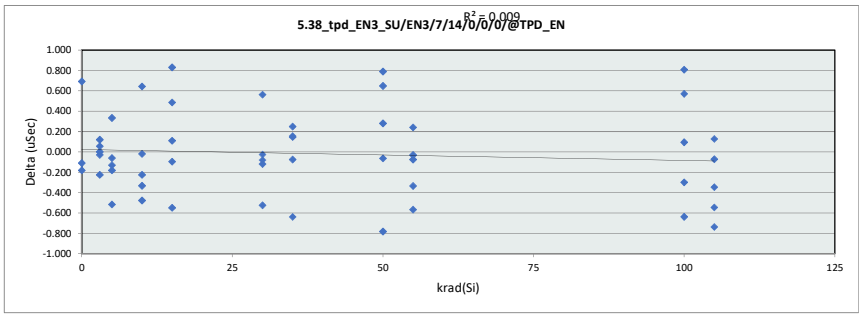


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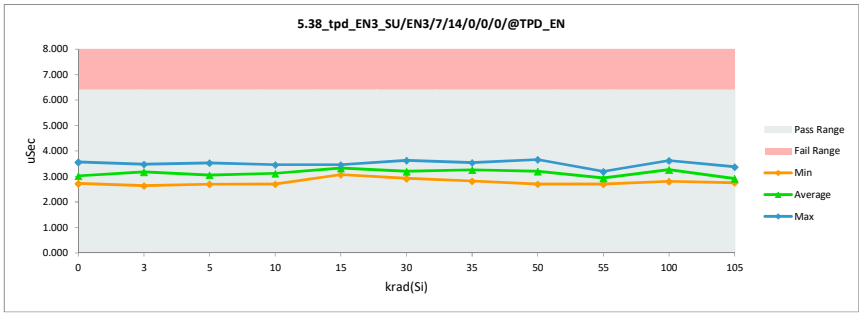
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.38_tpd_EN3_SU/EN3/7/	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.971	2.794	-0.177
0	14	2.829	2.724	-0.105
0	15	2.874	3.570	0.696
3	20	3.346	3.470	0.124
3	21	3.479	3.483	0.004
3	22	2.669	2.643	-0.026
3	23	3.149	3.209	0.060
3	24	3.351	3.130	-0.221
5	25	2.951	2.895	-0.056
5	26	3.197	3.534	0.337
5	27	3.552	3.039	-0.513
5	28	3.313	3.135	-0.178
5	29	2.831	2.704	-0.127
10	30	2.926	2.705	-0.221
10	31	3.602	3.128	-0.474
10	32	2.815	3.462	0.647
10	33	3.329	3.314	-0.015
10	34	3.344	3.014	-0.330
15	35	3.152	3.266	0.114
15	36	3.518	3.425	-0.093
15	37	2.611	3.445	0.834
15	38	3.621	3.075	-0.546
15	39	2.977	3.466	0.489
30	40	3.044	2.928	-0.116
30	41	3.143	3.067	-0.076
30	42	3.071	3.637	0.566
30	43	3.585	3.064	-0.521
30	44	3.333	3.311	-0.022
35	45	3.286	3.436	0.150
35	46	3.246	3.498	0.252
35	47	3.650	3.014	-0.636
35	48	2.897	2.825	-0.072
35	49	3.391	3.551	0.160
50	50	3.507	2.727	-0.780
50	51	2.872	3.666	0.794
50	52	2.847	3.498	0.651
50	53	3.183	3.466	0.283
50	54	2.770	2.710	-0.060
55	55	3.577	3.013	-0.564
55	56	2.861	2.833	-0.028
55	57	3.040	2.708	-0.332
55	58	2.955	3.200	0.245
55	59	3.018	2.947	-0.071
100	60	2.817	3.628	0.811
100	61	3.444	2.811	-0.633
100	62	3.317	3.415	0.098
100	63	3.243	2.948	-0.295
100	64	2.981	3.556	0.575
105	65	3.237	2.895	-0.342
105	66	3.305	2.762	-0.543
105	67	2.648	2.779	0.131
105	68	3.448	3.380	-0.068
105	69	3.531	2.797	-0.734
	Max	3.650	3.666	0.834
	Average	3.163	3.145	-0.018
	Min	2.611	2.643	-0.780
	Std Dev	0.286	0.316	0.414



	5.38_tpd_EN3_SU/EN3/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.724	2.643	2.704	2.705	3.075	2.928	2.825	2.710	2.708	2.811	2.762
Average	3.029	3.187	3.061	3.125	3.335	3.201	3.265	3.213	2.940	3.272	2.923
Max	3.570	3.483	3.534	3.462	3.466	3.637	3.551	3.666	3.200	3.628	3.380
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

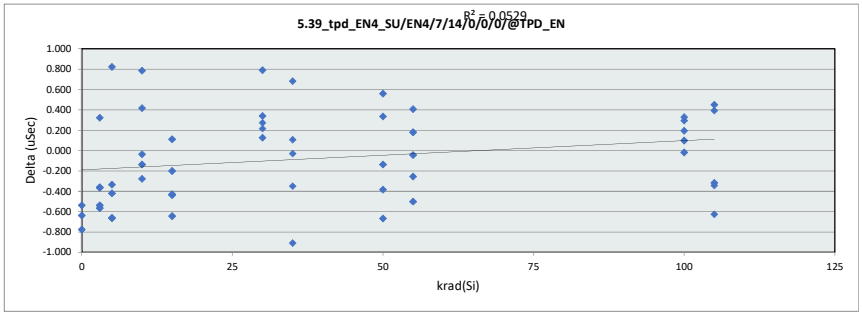


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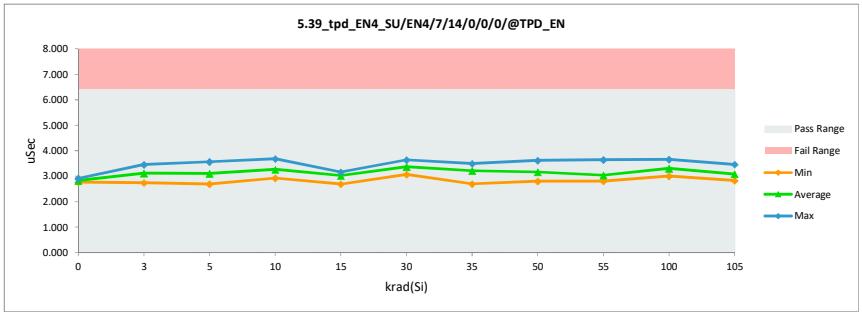
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.39_tpd_EN4_SU/EN4/7/	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.586	2.813	-0.773
0	14	3.446	2.912	-0.534
0	15	3.407	2.773	-0.634
3	20	3.667	3.132	-0.535
3	21	3.105	2.748	-0.357
3	22	3.522	2.960	-0.562
3	23	3.665	3.303	-0.362
3	24	3.133	3.458	0.325
5	25	2.740	3.566	0.826
5	26	3.350	2.691	-0.659
5	27	3.666	3.005	-0.661
5	28	3.484	3.068	-0.416
5	29	3.512	3.180	-0.332
10	30	3.364	3.089	-0.275
10	31	3.065	2.931	-0.134
10	32	2.895	3.684	0.789
10	33	3.087	3.055	-0.032
10	34	3.157	3.577	0.420
15	35	3.020	3.134	0.114
15	36	3.234	3.037	-0.197
15	37	3.331	2.690	-0.641
15	38	3.519	3.093	-0.426
15	39	3.596	3.163	-0.433
30	40	3.243	3.373	0.130
30	41	2.846	3.640	0.794
30	42	3.108	3.384	0.276
30	43	3.173	3.392	0.219
30	44	2.729	3.072	0.343
35	45	3.602	2.697	-0.905
35	46	2.813	3.499	0.686
35	47	3.205	3.179	-0.026
35	48	3.582	3.235	-0.347
35	49	3.344	3.454	0.110
50	50	3.284	3.622	0.338
50	51	3.595	3.215	-0.380
50	52	2.983	2.849	-0.134
50	53	2.757	3.320	0.563
50	54	3.469	2.805	-0.664
55	55	2.954	2.914	-0.040
55	56	3.306	2.808	-0.498
55	57	3.136	2.884	-0.252
55	58	2.752	2.936	0.184
55	59	3.237	3.647	0.410
100	60	2.913	3.245	0.332
100	61	2.811	3.009	0.198
100	62	3.363	3.465	0.102
100	63	3.671	3.657	-0.014
100	64	2.852	3.150	0.298
105	65	3.068	3.464	0.396
105	66	3.168	2.828	-0.340
105	67	3.479	2.857	-0.622
105	68	3.179	2.866	-0.313
105	69	2.948	3.402	0.454
	Max	3.671	3.684	0.826
	Average	3.229	3.150	-0.079
	Min	2.729	2.690	-0.905
	Std Dev	0.284	0.293	0.451



	5.39_tpd_EN4_SU/EN4/7										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.773	2.748	2.691	2.931	2.690	3.072	2.697	2.805	2.808	3.009	2.828
Average	2.833	3.120	3.102	3.267	3.023	3.372	3.213	3.162	3.038	3.305	3.083
Max	2.912	3.458	3.566	3.684	3.163	3.640	3.499	3.622	3.647	3.657	3.464
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

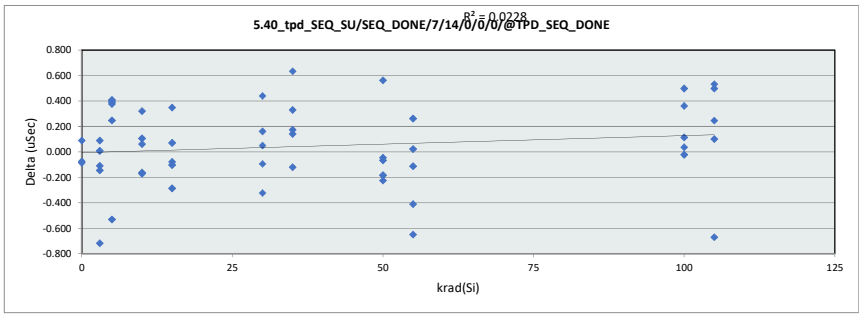


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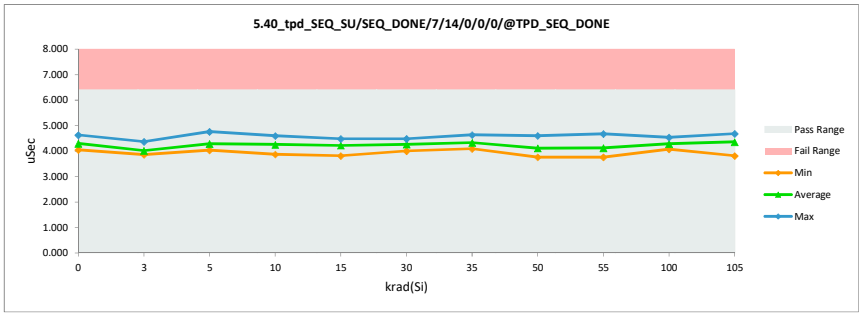
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.40_tpd_SEQ_SU/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.544	4.635	0.091
0	14	4.121	4.049	-0.072
0	15	4.293	4.210	-0.083
3	20	4.704	3.988	-0.716
3	21	3.846	3.938	0.092
3	22	3.932	3.942	0.010
3	23	4.475	4.368	-0.107
3	24	4.004	3.861	-0.143
5	25	3.917	4.328	0.411
5	26	4.704	4.176	-0.528
5	27	3.785	4.035	0.250
5	28	4.382	4.762	0.380
5	29	3.745	4.140	0.395
10	30	3.810	3.874	0.064
10	31	3.705	4.028	0.323
10	32	4.758	4.599	-0.159
10	33	4.678	4.509	-0.169
10	34	4.196	4.304	0.108
15	35	4.067	3.991	-0.076
15	36	4.101	3.817	-0.284
15	37	4.469	4.369	-0.100
15	38	4.391	4.464	0.073
15	39	4.129	4.479	0.350
30	40	3.913	4.355	0.442
30	41	4.320	4.483	0.163
30	42	4.416	4.325	-0.091
30	43	4.101	4.154	0.053
30	44	4.326	4.005	-0.321
35	45	3.949	4.093	0.144
35	46	3.737	4.373	0.636
35	47	4.105	4.437	0.332
35	48	4.229	4.112	-0.117
35	49	4.466	4.642	0.176
50	50	3.944	3.763	-0.181
50	51	4.377	4.155	-0.222
50	52	4.040	4.605	0.565
50	53	4.108	4.044	-0.064
50	54	4.053	4.010	-0.043
55	55	4.413	4.677	0.264
55	56	4.372	3.964	-0.408
55	57	4.411	3.763	-0.648
55	58	3.784	3.809	0.025
55	59	4.523	4.413	-0.110
100	60	3.958	4.074	0.116
100	61	4.142	4.123	-0.019
100	62	4.402	4.441	0.039
100	63	3.897	4.261	0.364
100	64	4.043	4.544	0.501
105	65	4.580	4.683	0.103
105	66	4.401	4.649	0.248
105	67	4.485	3.817	-0.668
105	68	3.813	4.314	0.501
105	69	3.802	4.337	0.535
	Max	4.758	4.762	0.636
	Average	4.186	4.232	0.046
	Min	3.705	3.763	-0.716
	Std Dev	0.290	0.277	0.314



	5.40_tpd_SEQ_SU/SEQ_										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.049	3.861	4.035	3.874	3.817	4.005	4.093	3.763	3.763	4.074	3.817
Average	4.298	4.019	4.288	4.263	4.224	4.264	4.331	4.115	4.125	4.289	4.360
Max	4.635	4.368	4.762	4.599	4.479	4.483	4.642	4.605	4.677	4.544	4.683
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

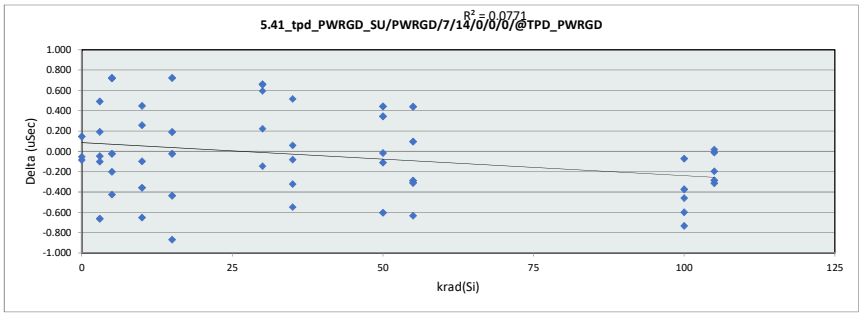


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

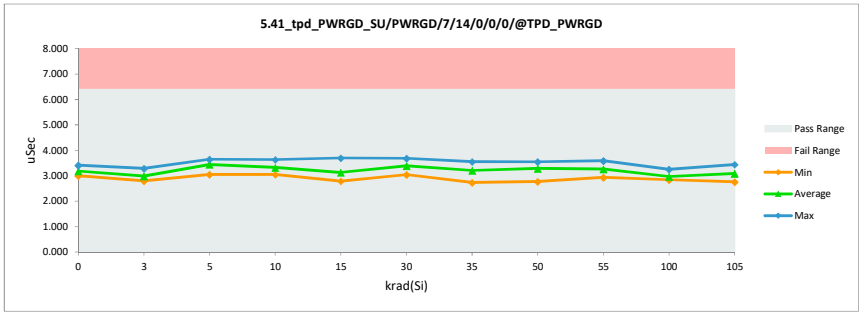
	5.41_tpd_PWRGD_SU/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.083	3.000	-0.083
0	14	3.194	3.143	-0.051
0	15	3.265	3.413	0.148
3	20	2.851	3.045	0.194
3	21	2.797	3.291	0.494
3	22	3.021	2.922	-0.099
3	23	3.550	2.890	-0.660
3	24	2.846	2.801	-0.045
5	25	3.670	3.649	-0.021
5	26	2.803	3.523	0.720
5	27	3.480	3.057	-0.423
5	28	3.594	3.395	-0.199
5	29	2.882	3.607	0.725
10	30	3.185	3.635	0.450
10	31	3.657	3.302	-0.355
10	32	3.231	3.135	-0.096
10	33	3.273	3.533	0.260
10	34	3.700	3.051	-0.649
15	35	3.659	2.792	-0.867
15	36	2.852	2.830	-0.022
15	37	3.454	3.019	-0.435
15	38	2.976	3.701	0.725
15	39	3.129	3.322	0.193
30	40	2.792	3.457	0.665
30	41	2.906	3.131	0.225
30	42	3.030	3.627	0.597
30	43	3.193	3.050	-0.143
30	44	3.034	3.691	0.657
35	45	3.616	3.296	-0.320
35	46	2.884	3.403	0.519
35	47	2.994	3.056	0.062
35	48	3.636	3.557	-0.079
35	49	3.281	2.735	-0.546
50	50	2.974	3.321	0.347
50	51	3.599	3.490	-0.109
50	52	3.561	3.548	-0.013
50	53	3.377	2.775	-0.602
50	54	2.877	3.322	0.445
55	55	3.500	3.191	-0.309
55	56	3.569	2.939	-0.630
55	57	3.342	3.439	0.097
55	58	3.146	3.588	0.442
55	59	3.431	3.145	-0.286
100	60	3.303	2.933	-0.370
100	61	3.577	2.846	-0.731
100	62	3.477	2.881	-0.596
100	63	3.004	2.935	-0.069
100	64	3.712	3.255	-0.457
105	65	3.553	3.271	-0.282
105	66	3.059	3.051	-0.008
105	67	3.425	3.445	0.020
105	68	2.951	2.757	-0.194
105	69	3.248	2.937	-0.311
	Max	3.712	3.701	0.725
	Average	3.249	3.210	-0.039
	Min	2.792	2.735	-0.867
	Std Dev	0.293	0.286	0.420



	5.41_tpd_PWRGD_SU/P	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.000	2.801	3.057	3.051	2.792	3.050	2.735	2.775	2.939	2.846	2.757
Average	3.185	2.990	3.446	3.331	3.133	3.391	3.209	3.291	3.260	2.970	3.092
Max	3.413	3.291	3.649	3.635	3.701	3.691	3.557	3.548	3.588	3.255	3.445
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

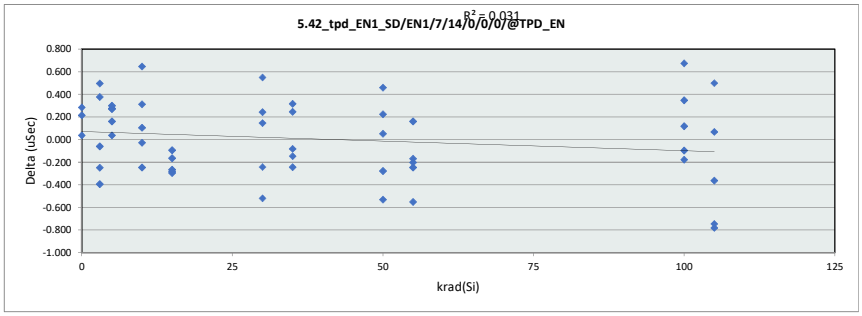


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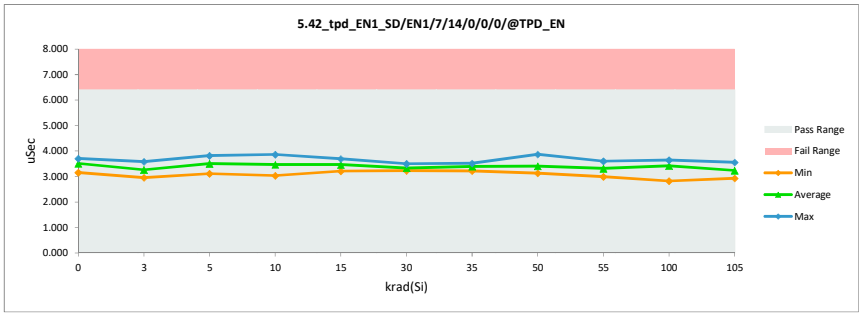
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.42_tpd_EN1_SD/EN1/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.495	3.712	0.217
0	14	3.121	3.160	0.039
0	15	3.384	3.670	0.286
3	20	2.923	3.421	0.498
3	21	3.201	2.955	-0.246
3	22	3.363	2.971	-0.392
3	23	3.644	3.586	-0.058
3	24	2.998	3.378	0.380
5	25	3.075	3.114	0.039
5	26	3.504	3.780	0.276
5	27	3.517	3.818	0.301
5	28	3.066	3.229	0.163
5	29	3.317	3.591	0.274
10	30	3.556	3.663	0.107
10	31	3.246	3.221	-0.025
10	32	3.552	3.867	0.315
10	33	3.283	3.039	-0.244
10	34	2.947	3.596	0.649
15	35	3.704	3.542	-0.162
15	36	3.503	3.210	-0.293
15	37	3.785	3.693	-0.092
15	38	3.692	3.429	-0.263
15	39	3.752	3.472	-0.280
30	40	3.113	3.358	0.245
30	41	3.750	3.233	-0.517
30	42	3.495	3.255	-0.240
30	43	2.950	3.501	0.551
30	44	3.193	3.342	0.149
35	45	3.633	3.392	-0.241
35	46	3.117	3.436	0.319
35	47	3.496	3.416	-0.080
35	48	2.972	3.221	0.249
35	49	3.664	3.520	-0.144
50	50	2.906	3.133	0.227
50	51	3.496	3.550	0.054
50	52	3.408	3.870	0.462
50	53	3.707	3.179	-0.528
50	54	3.582	3.306	-0.276
55	55	3.547	2.998	-0.549
55	56	3.804	3.604	-0.200
55	57	3.381	3.215	-0.166
55	58	3.675	3.431	-0.244
55	59	3.180	3.343	0.163
100	60	3.394	3.515	0.121
100	61	3.818	3.642	-0.176
100	62	2.920	2.826	-0.094
100	63	2.976	3.652	0.676
100	64	3.131	3.481	0.350
105	65	3.857	3.114	-0.743
105	66	3.304	3.375	0.071
105	67	3.058	3.559	0.501
105	68	3.710	2.931	-0.779
105	69	3.589	3.228	-0.361
	Max	3.857	3.870	0.676
	Average	3.386	3.391	0.005
	Min	2.906	2.826	-0.779
	Std Dev	0.285	0.252	0.342



	5.42_tpd_EN1_SD/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.160	2.955	3.114	3.039	3.210	3.233	3.221	3.133	2.998	2.826	2.931
Average	3.514	3.262	3.506	3.477	3.469	3.338	3.397	3.408	3.318	3.423	3.241
Max	3.712	3.586	3.818	3.867	3.693	3.501	3.520	3.870	3.604	3.652	3.559
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

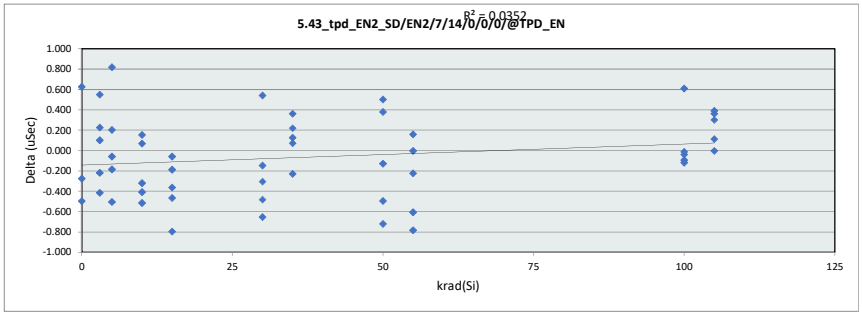


TID HDR Report
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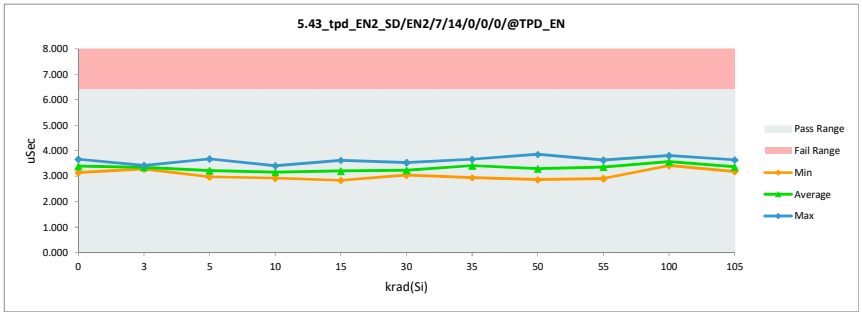
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.43_tpd_EN2_SD/EN2/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.042	3.670	0.628
0	14	3.640	3.145	-0.495
0	15	3.643	3.369	-0.274
3	20	3.732	3.320	-0.412
3	21	2.872	3.424	0.552
3	22	3.633	3.417	-0.216
3	23	3.180	3.284	0.104
3	24	3.084	3.313	0.229
5	25	3.504	3.001	-0.503
5	26	2.860	3.681	0.821
5	27	3.064	3.270	0.206
5	28	3.238	3.181	-0.057
5	29	3.157	2.975	-0.182
10	30	3.709	3.303	-0.406
10	31	3.552	3.039	-0.513
10	32	3.241	2.923	-0.318
10	33	3.056	3.128	0.072
10	34	3.257	3.413	0.156
15	35	3.302	2.839	-0.463
15	36	3.571	3.211	-0.360
15	37	3.681	3.625	-0.056
15	38	3.859	3.065	-0.794
15	39	3.464	3.278	-0.186
30	40	3.721	3.070	-0.651
30	41	3.737	3.257	-0.480
30	42	3.585	3.282	-0.303
30	43	3.192	3.047	-0.145
30	44	2.996	3.540	0.544
35	45	3.169	2.943	-0.226
35	46	3.225	3.589	0.364
35	47	3.595	3.670	0.075
35	48	3.410	3.539	0.129
35	49	3.109	3.331	0.222
50	50	2.968	3.472	0.504
50	51	3.747	3.028	-0.719
50	52	3.478	3.860	0.382
50	53	3.740	3.247	-0.493
50	54	2.994	2.868	-0.126
55	55	3.561	3.561	0.000
55	56	3.517	2.913	-0.604
55	57	3.760	3.538	-0.222
55	58	3.476	3.637	0.161
55	59	3.942	3.162	-0.780
100	60	3.646	3.529	-0.117
100	61	3.669	3.632	-0.037
100	62	3.510	3.419	-0.091
100	63	3.199	3.812	0.613
100	64	3.503	3.492	-0.011
105	65	2.882	3.185	0.303
105	66	3.216	3.215	-0.001
105	67	3.306	3.422	0.116
105	68	3.247	3.641	0.394
105	69	3.001	3.365	0.364
	Max	3.942	3.860	0.821
	Average	3.386	3.323	-0.062
	Min	2.860	2.839	-0.794
	Std Dev	0.289	0.255	0.392



	5.43_tpd_EN2_SD/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	6.4	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.145	3.284	2.975	2.923	2.839	3.047	2.943	2.868	2.913	3.419	3.185
Average	3.395	3.352	3.222	3.161	3.204	3.239	3.414	3.295	3.362	3.577	3.366
Max	3.670	3.424	3.681	3.413	3.625	3.540	3.670	3.860	3.637	3.812	3.641
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

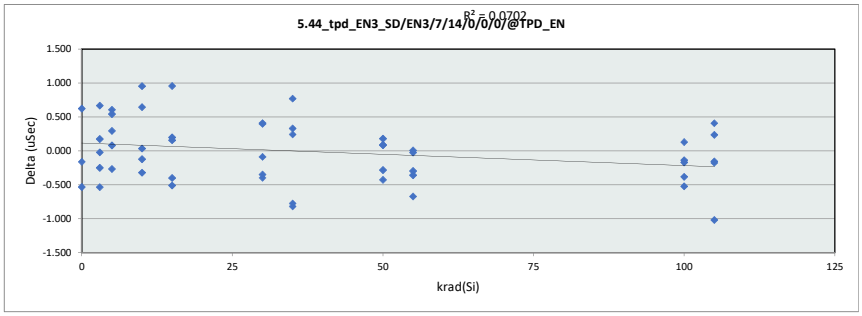


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

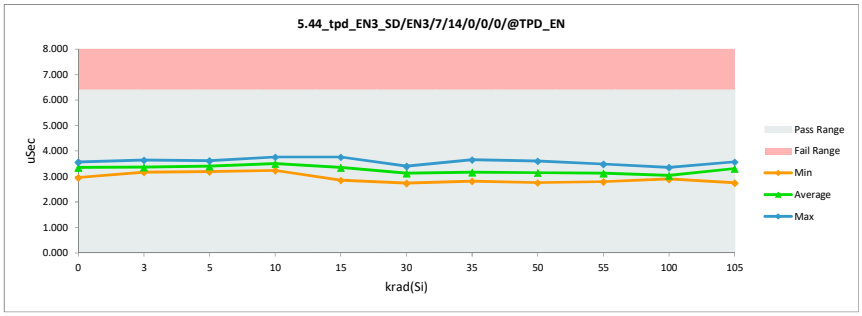
	5.44_tpd_EN3_SD/EN3/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.915	3.545	0.630
0	14	3.726	3.571	-0.155
0	15	3.488	2.963	-0.525
3	20	3.447	3.627	0.180
3	21	3.230	3.214	-0.016
3	22	2.977	3.649	0.672
3	23	3.430	3.185	-0.245
3	24	3.698	3.169	-0.529
5	25	3.232	3.320	0.088
5	26	3.459	3.197	-0.262
5	27	3.076	3.624	0.548
5	28	2.956	3.256	0.300
5	29	3.009	3.621	0.612
10	30	3.557	3.241	-0.316
10	31	2.784	3.436	0.652
10	32	3.611	3.494	-0.117
10	33	3.567	3.608	0.041
10	34	2.807	3.767	0.960
15	35	3.350	3.554	0.204
15	36	3.449	3.612	0.163
15	37	3.405	3.012	-0.393
15	38	3.360	2.856	-0.504
15	39	2.804	3.767	0.963
30	40	3.330	2.938	-0.392
30	41	3.487	3.404	-0.083
30	42	2.833	3.249	0.416
30	43	2.934	3.337	0.403
30	44	3.085	2.742	-0.343
35	45	2.887	3.662	0.775
35	46	3.663	2.850	-0.813
35	47	2.845	3.182	0.337
35	48	3.097	3.347	0.250
35	49	3.589	2.820	-0.769
50	50	2.994	3.088	0.094
50	51	3.026	3.210	0.184
50	52	3.500	3.080	-0.420
50	53	3.037	2.762	-0.275
50	54	3.518	3.610	0.092
55	55	3.454	3.468	0.014
55	56	3.467	2.802	-0.665
55	57	3.203	2.850	-0.353
55	58	3.335	3.044	-0.291
55	59	3.512	3.493	-0.019
100	60	3.484	2.968	-0.516
100	61	2.875	3.010	0.135
100	62	3.337	2.961	-0.376
100	63	3.493	3.362	-0.131
100	64	3.066	2.903	-0.163
105	65	3.131	3.544	0.413
105	66	3.674	3.503	-0.171
105	67	2.968	3.210	0.242
105	68	3.764	2.753	-1.011
105	69	3.723	3.574	-0.149
	Max	3.764	3.767	0.963
	Average	3.276	3.264	-0.012
	Min	2.784	2.742	-1.011
	Std Dev	0.292	0.303	0.451



	5.44_tpd_EN3_SD/EN3/	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.963	3.169	3.197	3.241	2.856	2.742	2.820	2.762	2.802	2.903	2.753
Average	3.360	3.369	3.404	3.509	3.360	3.134	3.172	3.150	3.131	3.041	3.317
Max	3.571	3.649	3.624	3.767	3.767	3.404	3.662	3.610	3.493	3.362	3.574
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

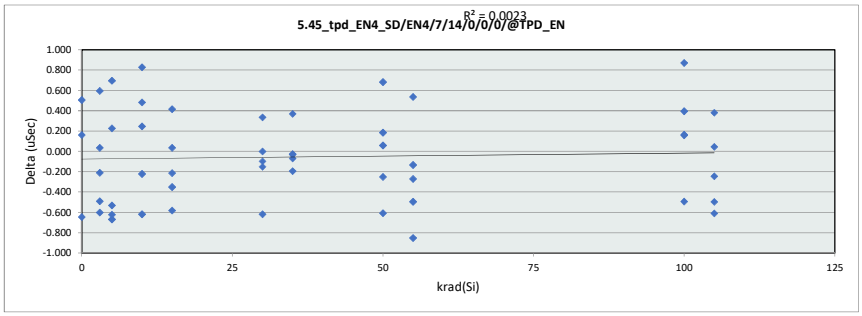


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

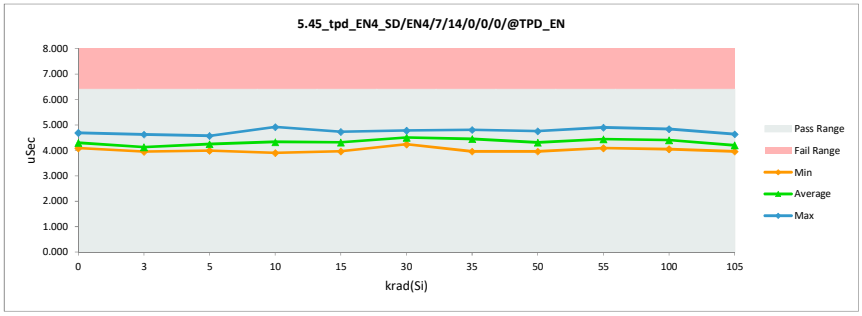
	5.45_tpd_EN4_SD/EN4/7	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	4.765	4.122	-0.643
0	14	4.187	4.694	0.507
0	15	3.923	4.087	0.164
3	20	4.560	3.961	-0.599
3	21	4.597	4.110	-0.487
3	22	3.947	3.984	0.037
3	23	4.030	4.627	0.597
3	24	4.157	3.950	-0.207
5	25	4.730	4.063	-0.667
5	26	3.874	4.571	0.697
5	27	4.074	4.303	0.229
5	28	4.848	4.320	-0.528
5	29	4.612	3.992	-0.620
10	30	4.518	3.902	-0.616
10	31	3.906	4.391	0.485
10	32	4.091	4.922	0.831
10	33	4.284	4.533	0.249
10	34	4.138	3.919	-0.219
15	35	4.694	4.732	0.038
15	36	4.278	4.067	-0.211
15	37	4.175	4.592	0.417
15	38	4.313	3.965	-0.348
15	39	4.813	4.234	-0.579
30	40	4.931	4.316	-0.615
30	41	4.720	4.571	-0.149
30	42	4.445	4.782	0.337
30	43	4.337	4.243	-0.094
30	44	4.621	4.622	0.001
35	45	4.444	4.377	-0.067
35	46	4.830	4.807	-0.023
35	47	4.720	4.692	-0.028
35	48	4.048	4.419	0.371
35	49	4.153	3.962	-0.191
50	50	4.073	4.758	0.685
50	51	4.239	4.426	0.187
50	52	4.600	3.994	-0.606
50	53	4.678	4.429	-0.249
50	54	3.896	3.957	0.061
55	55	4.362	4.901	0.539
55	56	4.706	4.214	-0.492
55	57	4.750	4.481	-0.269
55	58	4.675	4.544	-0.131
55	59	4.940	4.090	-0.850
100	60	3.953	4.120	0.167
100	61	3.969	4.841	0.872
100	62	4.128	4.526	0.398
100	63	4.543	4.052	-0.491
100	64	4.321	4.481	0.160
105	65	3.958	4.005	0.047
105	66	4.047	4.430	0.383
105	67	4.884	4.642	-0.242
105	68	4.480	3.985	-0.495
105	69	4.568	3.960	-0.608
	Max	4.940	4.922	0.872
	Average	4.387	4.333	-0.054
	Min	3.874	3.902	-0.850
	Std Dev	0.324	0.307	0.445



	5.45_tpd_EN4_SD/EN4/	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.087	3.950	3.992	3.902	3.965	4.243	3.962	3.957	4.090	4.052	3.960
Average	4.301	4.126	4.250	4.333	4.318	4.507	4.451	4.313	4.446	4.404	4.204
Max	4.694	4.627	4.571	4.922	4.732	4.782	4.807	4.758	4.901	4.841	4.642
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

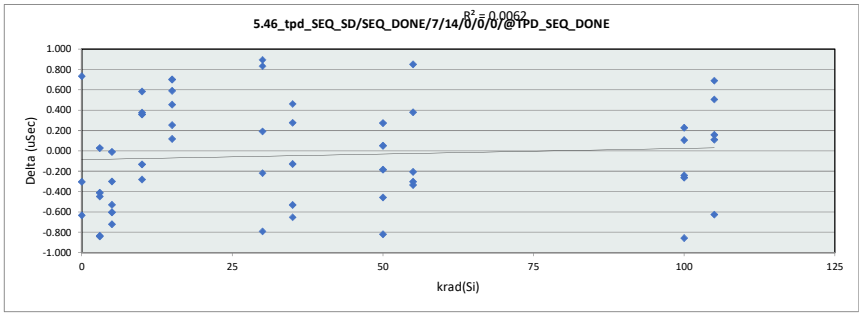


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

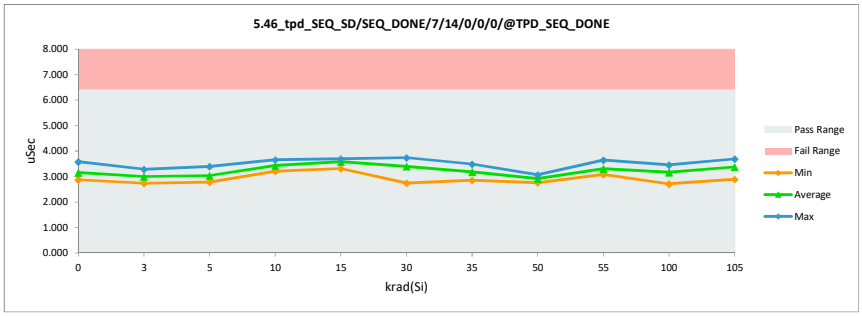
	5.46_tpd_SEQ_SD/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.505	2.876	-0.629
0	14	3.322	3.021	-0.301
0	15	2.843	3.581	0.738
3	20	2.895	2.926	0.031
3	21	3.699	3.255	-0.444
3	22	3.575	2.738	-0.837
3	23	3.692	3.284	-0.408
3	24	3.641	2.811	-0.830
5	25	3.696	3.399	-0.297
5	26	2.986	2.980	-0.006
5	27	3.313	2.787	-0.526
5	28	3.629	3.029	-0.600
5	29	3.702	2.984	-0.718
10	30	3.404	3.275	-0.129
10	31	3.130	3.491	0.361
10	32	2.947	3.534	0.587
10	33	3.277	3.657	0.380
10	34	3.484	3.207	-0.277
15	35	3.057	3.314	0.257
15	36	2.994	3.699	0.705
15	37	3.494	3.615	0.121
15	38	3.205	3.663	0.458
15	39	3.027	3.620	0.593
30	40	2.906	3.741	0.835
30	41	3.439	3.634	0.195
30	42	3.534	2.746	-0.788
30	43	2.739	3.637	0.898
30	44	3.455	3.240	-0.215
35	45	3.456	3.330	-0.126
35	46	3.558	2.909	-0.649
35	47	3.023	3.487	0.464
35	48	3.051	3.330	0.279
35	49	3.384	2.856	-0.528
50	50	2.887	2.941	0.054
50	51	2.791	3.068	0.277
50	52	3.574	2.759	-0.815
50	53	3.046	2.864	-0.182
50	54	3.406	2.951	-0.455
55	55	2.795	3.648	0.853
55	56	3.577	3.278	-0.299
55	57	3.418	3.087	-0.331
55	58	3.046	3.428	0.382
55	59	3.302	3.099	-0.203
100	60	3.568	2.714	-0.854
100	61	3.709	3.449	-0.260
100	62	2.874	2.984	0.110
100	63	3.227	3.457	0.230
100	64	3.495	3.258	-0.237
105	65	3.127	3.288	0.161
105	66	3.083	3.591	0.508
105	67	3.578	3.691	0.113
105	68	3.515	2.892	-0.623
105	69	2.732	3.426	0.694
	Max	3.709	3.741	0.898
	Average	3.279	3.236	-0.043
	Min	2.732	2.714	-0.854
	Std Dev	0.300	0.314	0.503



	5.46_tpd_SEQ_SD/SEQ_	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.876	2.738	2.787	3.207	3.314	2.746	2.856	2.759	3.087	2.714	2.892
Average	3.159	3.003	3.036	3.433	3.582	3.400	3.182	2.917	3.308	3.172	3.378
Max	3.581	3.284	3.399	3.657	3.699	3.741	3.487	3.068	3.648	3.457	3.691
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

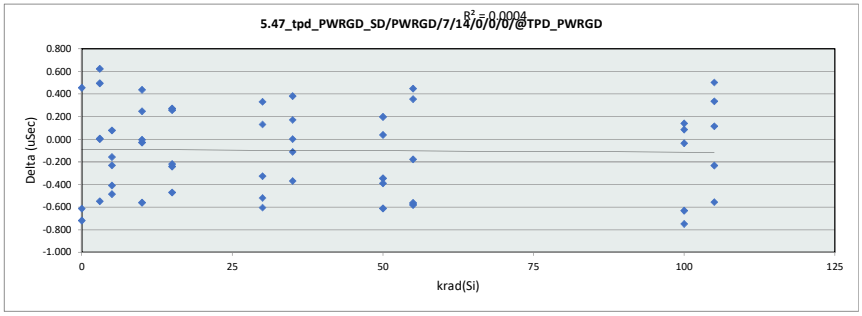


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

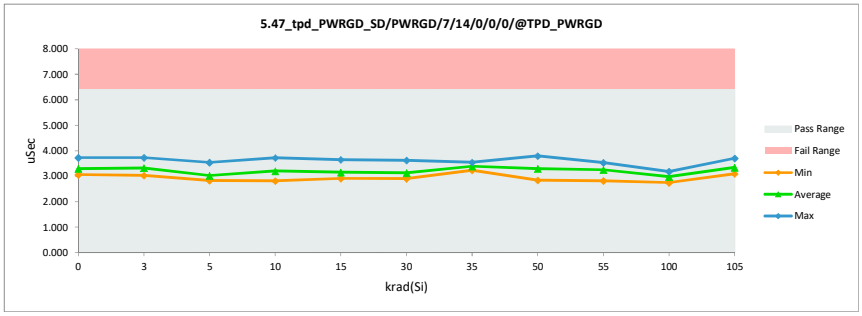
	5.47_tpd_PWRGD_SD/PW	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	6.5	6.4
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.782	3.066	-0.716
0	14	3.274	3.732	0.458
0	15	3.714	3.103	-0.611
3	20	3.171	3.668	0.497
3	21	3.165	3.169	0.004
3	22	3.104	3.730	0.626
3	23	3.580	3.034	-0.546
3	24	3.028	3.037	0.009
5	25	3.316	2.834	-0.482
5	26	3.170	3.016	-0.154
5	27	3.251	2.845	-0.406
5	28	2.823	2.904	0.081
5	29	3.769	3.541	-0.228
10	30	2.847	3.287	0.440
10	31	2.843	2.817	-0.026
10	32	3.725	3.723	-0.002
10	33	2.956	3.206	0.250
10	34	3.571	3.014	-0.557
15	35	2.811	3.085	0.274
15	36	3.662	3.194	-0.468
15	37	3.389	3.649	0.260
15	38	3.130	2.914	-0.216
15	39	3.179	2.940	-0.239
30	40	3.491	3.625	0.134
30	41	3.267	2.943	-0.324
30	42	3.513	2.911	-0.602
30	43	2.939	3.273	0.334
30	44	3.421	2.905	-0.516
35	45	3.417	3.422	0.005
35	46	3.599	3.232	-0.367
35	47	3.242	3.415	0.173
35	48	3.164	3.548	0.384
35	49	3.448	3.339	-0.109
50	50	3.481	2.872	-0.609
50	51	3.764	3.377	-0.387
50	52	3.755	3.796	0.041
50	53	3.184	2.841	-0.343
50	54	3.424	3.624	0.200
55	55	3.707	3.532	-0.175
55	56	3.386	2.825	-0.561
55	57	3.044	3.495	0.451
55	58	3.564	2.986	-0.578
55	59	3.063	3.421	0.358
100	60	3.097	3.185	0.088
100	61	3.023	3.166	0.143
100	62	2.785	2.752	-0.033
100	63	3.558	2.812	-0.746
100	64	3.620	2.992	-0.628
105	65	3.379	3.150	-0.229
105	66	2.978	3.096	0.118
105	67	3.212	3.550	0.338
105	68	3.770	3.216	-0.554
105	69	3.200	3.705	0.505
	Max	3.782	3.796	0.626
	Average	3.316	3.217	-0.099
	Min	2.785	2.752	-0.746
	Std Dev	0.291	0.306	0.383



	5.47_tpd_PWRGD_SD/P	
Test Site		
Tester		
Test Number		
Max Limit	6.4	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.066	3.034	2.834	2.817	2.914	2.905	3.232	2.841	2.825	2.752	3.096
Average	3.300	3.328	3.028	3.209	3.156	3.131	3.391	3.302	3.252	2.981	3.343
Max	3.732	3.730	3.541	3.723	3.649	3.625	3.548	3.796	3.532	3.185	3.705
UL	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400	6.400

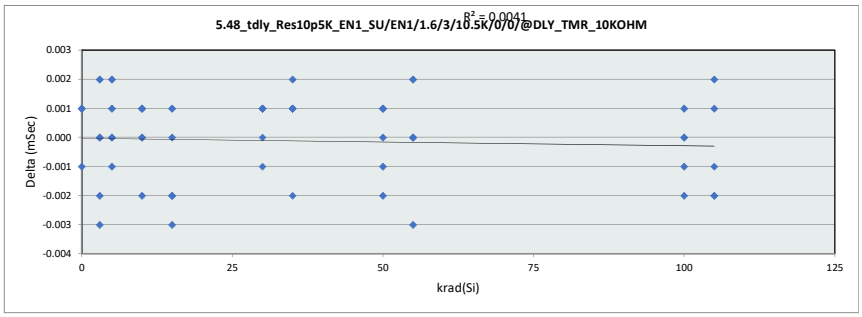


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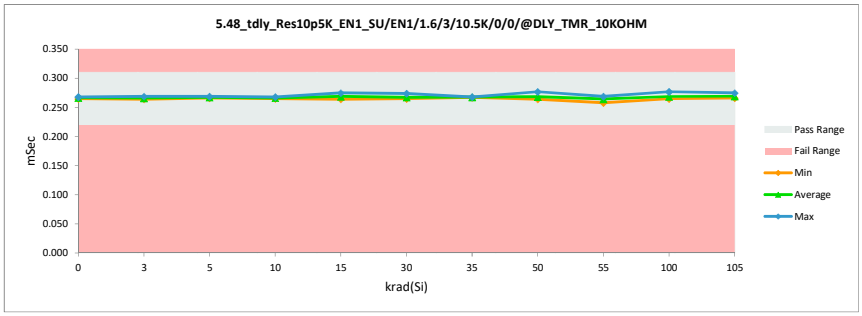
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.48_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.265	-0.001
0	14	0.266	0.267	0.001
0	15	0.267	0.268	0.001
3	20	0.266	0.264	-0.002
3	21	0.270	0.267	-0.003
3	22	0.267	0.269	0.002
3	23	0.266	0.266	0.000
3	24	0.264	0.264	0.000
5	25	0.269	0.269	0.000
5	26	0.266	0.268	0.002
5	27	0.267	0.267	0.000
5	28	0.267	0.266	-0.001
5	29	0.267	0.268	0.001
10	30	0.266	0.267	0.001
10	31	0.265	0.265	0.000
10	32	0.264	0.265	0.001
10	33	0.268	0.268	0.000
10	34	0.268	0.266	-0.002
15	35	0.265	0.265	0.000
15	36	0.266	0.264	-0.002
15	37	0.274	0.275	0.001
15	38	0.278	0.275	-0.003
15	39	0.268	0.266	-0.002
30	40	0.265	0.266	0.001
30	41	0.264	0.265	0.001
30	42	0.267	0.267	0.000
30	43	0.273	0.274	0.001
30	44	0.266	0.265	-0.001
35	45	0.270	0.268	-0.002
35	46	0.267	0.268	0.001
35	47	0.266	0.268	0.002
35	48	0.267	0.268	0.001
35	49	0.266	0.267	0.001
50	50	0.267	0.268	0.001
50	51	0.268	0.267	-0.001
50	52	0.267	0.265	-0.002
50	53	0.276	0.277	0.001
50	54	0.264	0.264	0.000
55	55	0.258	0.258	0.000
55	56	0.271	0.268	-0.003
55	57	0.269	0.269	0.000
55	58	0.259	0.261	0.002
55	59	0.266	0.266	0.000
100	60	0.265	0.265	0.000
100	61	0.268	0.266	-0.002
100	62	0.278	0.277	-0.001
100	63	0.267	0.268	0.001
100	64	0.267	0.267	0.000
105	65	0.268	0.266	-0.002
105	66	0.276	0.275	-0.001
105	67	0.269	0.270	0.001
105	68	0.267	0.269	0.002
105	69	0.268	0.266	-0.002
	Max	0.278	0.277	0.002
	Average	0.268	0.267	0.000
	Min	0.258	0.258	-0.003
	Std Dev	0.004	0.004	0.001



	5.48_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.265	0.264	0.266	0.265	0.264	0.265	0.267	0.264	0.258	0.265	0.266
Average	0.267	0.266	0.268	0.266	0.269	0.267	0.268	0.268	0.264	0.269	0.269
Max	0.268	0.269	0.269	0.268	0.275	0.274	0.268	0.277	0.269	0.277	0.275
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

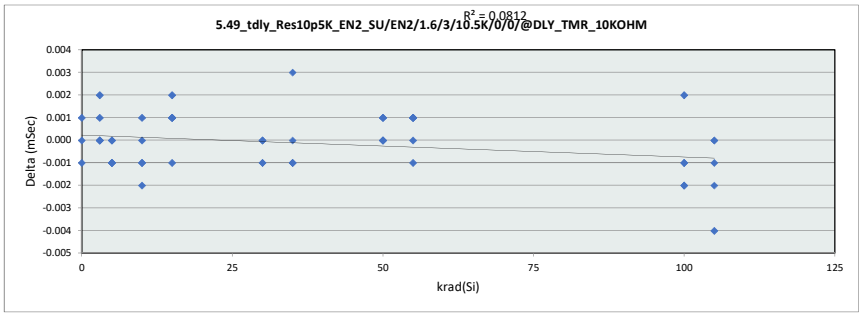


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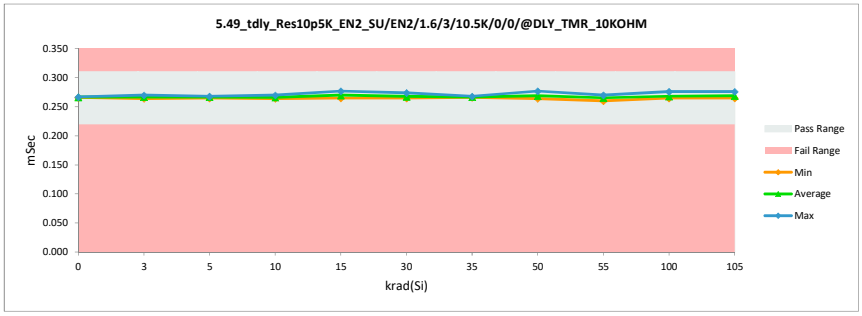
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.49_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.266	0.000
0	14	0.266	0.267	0.001
0	15	0.268	0.267	-0.001
3	20	0.266	0.266	0.000
3	21	0.270	0.270	0.000
3	22	0.267	0.269	0.002
3	23	0.265	0.265	0.000
3	24	0.263	0.264	0.001
5	25	0.269	0.268	-0.001
5	26	0.268	0.268	0.000
5	27	0.266	0.265	-0.001
5	28	0.267	0.266	-0.001
5	29	0.267	0.267	0.000
10	30	0.268	0.266	-0.002
10	31	0.265	0.264	-0.001
10	32	0.265	0.266	0.001
10	33	0.270	0.270	0.000
10	34	0.267	0.266	-0.001
15	35	0.265	0.266	0.001
15	36	0.266	0.265	-0.001
15	37	0.274	0.275	0.001
15	38	0.276	0.277	0.001
15	39	0.265	0.267	0.002
30	40	0.267	0.266	-0.001
30	41	0.265	0.265	0.000
30	42	0.267	0.267	0.000
30	43	0.275	0.274	-0.001
30	44	0.267	0.267	0.000
35	45	0.268	0.267	-0.001
35	46	0.268	0.267	-0.001
35	47	0.266	0.266	0.000
35	48	0.267	0.266	-0.001
35	49	0.265	0.268	0.003
50	50	0.268	0.269	0.001
50	51	0.267	0.267	0.000
50	52	0.267	0.267	0.000
50	53	0.277	0.277	0.000
50	54	0.263	0.264	0.001
55	55	0.259	0.260	0.001
55	56	0.270	0.270	0.000
55	57	0.268	0.269	0.001
55	58	0.260	0.261	0.001
55	59	0.268	0.267	-0.001
100	60	0.267	0.265	-0.002
100	61	0.266	0.265	-0.001
100	62	0.277	0.276	-0.001
100	63	0.267	0.269	0.002
100	64	0.267	0.265	-0.002
105	65	0.269	0.265	-0.004
105	66	0.276	0.276	0.000
105	67	0.270	0.269	-0.001
105	68	0.267	0.267	0.000
105	69	0.269	0.267	-0.002
	Max	0.277	0.277	0.003
	Average	0.268	0.268	0.000
	Min	0.259	0.260	-0.004
	Std Dev	0.004	0.004	0.001



	5.49_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.264	0.265	0.264	0.265	0.265	0.266	0.264	0.260	0.265	0.265
Average	0.267	0.267	0.267	0.266	0.270	0.268	0.267	0.269	0.265	0.268	0.269
Max	0.267	0.270	0.268	0.270	0.277	0.274	0.268	0.277	0.270	0.276	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

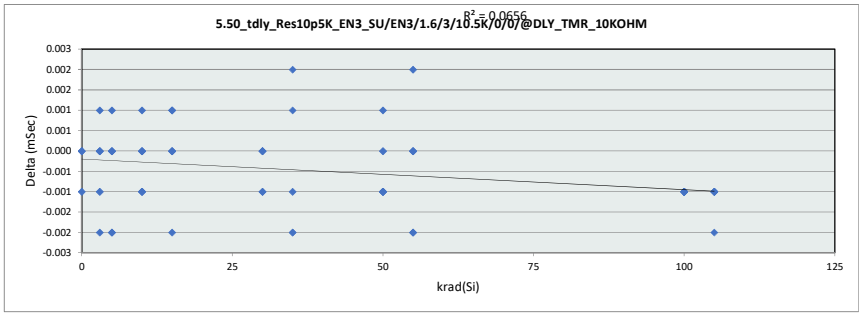


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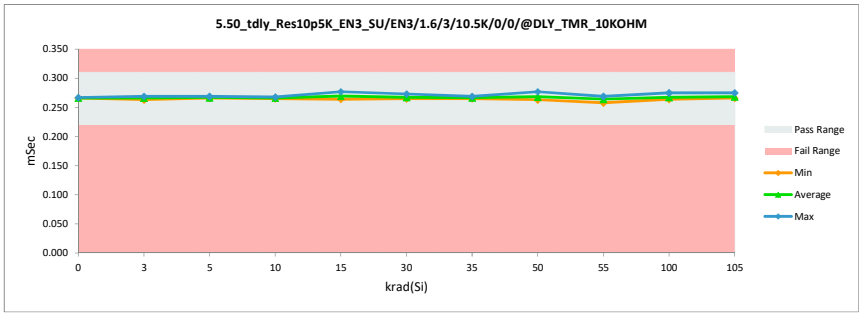
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.50_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.267	0.000
0	14	0.267	0.266	-0.001
0	15	0.266	0.266	0.000
3	20	0.266	0.266	0.000
3	21	0.270	0.269	-0.001
3	22	0.267	0.268	0.001
3	23	0.267	0.265	-0.002
3	24	0.263	0.263	0.000
5	25	0.268	0.269	0.001
5	26	0.268	0.268	0.000
5	27	0.268	0.266	-0.002
5	28	0.268	0.266	-0.002
5	29	0.267	0.267	0.000
10	30	0.265	0.265	0.000
10	31	0.266	0.265	-0.001
10	32	0.265	0.265	0.000
10	33	0.269	0.268	-0.001
10	34	0.267	0.268	0.001
15	35	0.266	0.266	0.000
15	36	0.263	0.264	0.001
15	37	0.275	0.273	-0.002
15	38	0.276	0.277	0.001
15	39	0.267	0.267	0.000
30	40	0.268	0.267	-0.001
30	41	0.265	0.265	0.000
30	42	0.267	0.266	-0.001
30	43	0.273	0.273	0.000
30	44	0.266	0.266	0.000
35	45	0.269	0.267	-0.002
35	46	0.267	0.269	0.002
35	47	0.267	0.266	-0.001
35	48	0.266	0.267	0.001
35	49	0.267	0.265	-0.002
50	50	0.268	0.267	-0.001
50	51	0.267	0.267	0.000
50	52	0.268	0.267	-0.001
50	53	0.276	0.277	0.001
50	54	0.264	0.263	-0.001
55	55	0.258	0.258	0.000
55	56	0.271	0.269	-0.002
55	57	0.269	0.267	-0.002
55	58	0.259	0.259	0.000
55	59	0.266	0.268	0.002
100	60	0.265	0.264	-0.001
100	61	0.267	0.266	-0.001
100	62	0.276	0.275	-0.001
100	63	0.268	0.267	-0.001
100	64	0.266	0.265	-0.001
105	65	0.268	0.266	-0.002
105	66	0.276	0.275	-0.001
105	67	0.270	0.269	-0.001
105	68	0.268	0.267	-0.001
105	69	0.267	0.266	-0.001
	Max	0.276	0.277	0.002
	Average	0.268	0.267	0.000
	Min	0.258	0.258	-0.002
	Std Dev	0.004	0.004	0.001



	5.50_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.266	0.265	0.264	0.265	0.265	0.263	0.258	0.264	0.266
Average	0.266	0.266	0.267	0.266	0.269	0.267	0.267	0.268	0.264	0.267	0.269
Max	0.267	0.269	0.269	0.268	0.277	0.273	0.269	0.277	0.269	0.275	0.275
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

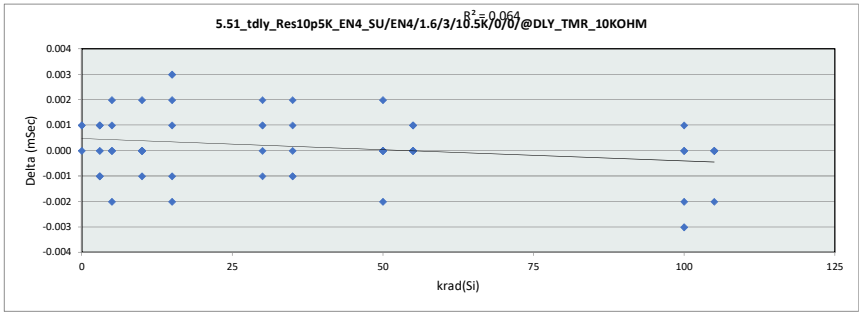


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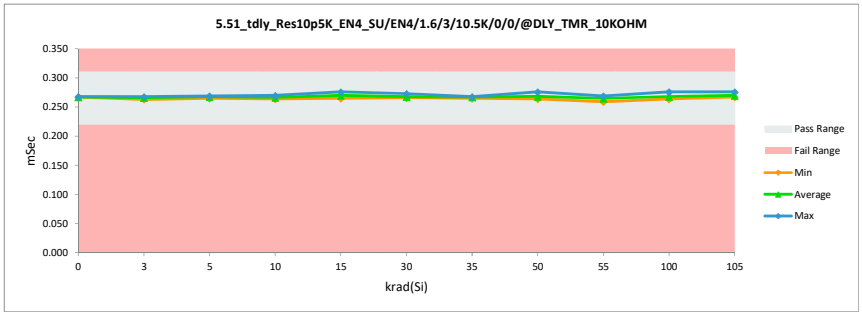
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.51_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.267	0.000
0	14	0.267	0.268	0.001
0	15	0.266	0.267	0.001
3	20	0.265	0.266	0.001
3	21	0.269	0.268	-0.001
3	22	0.267	0.268	0.001
3	23	0.266	0.266	0.000
3	24	0.264	0.263	-0.001
5	25	0.269	0.269	0.000
5	26	0.267	0.267	0.000
5	27	0.267	0.265	-0.002
5	28	0.266	0.268	0.002
5	29	0.268	0.269	0.001
10	30	0.266	0.266	0.000
10	31	0.266	0.265	-0.001
10	32	0.264	0.264	0.000
10	33	0.268	0.270	0.002
10	34	0.267	0.267	0.000
15	35	0.264	0.266	0.002
15	36	0.264	0.265	0.001
15	37	0.276	0.274	-0.002
15	38	0.277	0.276	-0.001
15	39	0.266	0.269	0.003
30	40	0.267	0.267	0.000
30	41	0.265	0.267	0.002
30	42	0.267	0.266	-0.001
30	43	0.272	0.273	0.001
30	44	0.266	0.267	0.001
35	45	0.269	0.268	-0.001
35	46	0.267	0.268	0.001
35	47	0.266	0.266	0.000
35	48	0.266	0.268	0.002
35	49	0.266	0.265	-0.001
50	50	0.270	0.268	-0.002
50	51	0.267	0.267	0.000
50	52	0.266	0.268	0.002
50	53	0.276	0.276	0.000
50	54	0.264	0.264	0.000
55	55	0.258	0.259	0.001
55	56	0.269	0.269	0.000
55	57	0.269	0.269	0.000
55	58	0.260	0.260	0.000
55	59	0.266	0.267	0.001
100	60	0.266	0.264	-0.002
100	61	0.267	0.267	0.000
100	62	0.276	0.276	0.000
100	63	0.268	0.269	0.001
100	64	0.268	0.265	-0.003
105	65	0.269	0.267	-0.002
105	66	0.276	0.276	0.000
105	67	0.271	0.271	0.000
105	68	0.268	0.268	0.000
105	69	0.268	0.268	0.000
	Max	0.277	0.276	0.003
	Average	0.268	0.268	0.000
	Min	0.258	0.259	-0.003
	Std Dev	0.004	0.003	0.001



	5.51_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.263	0.265	0.264	0.265	0.266	0.265	0.264	0.259	0.264	0.267
Average	0.267	0.266	0.268	0.266	0.270	0.268	0.267	0.269	0.265	0.268	0.270
Max	0.268	0.268	0.269	0.270	0.276	0.273	0.268	0.276	0.269	0.276	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

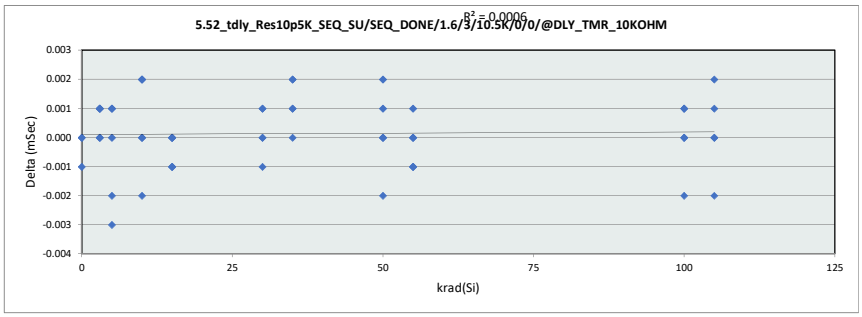


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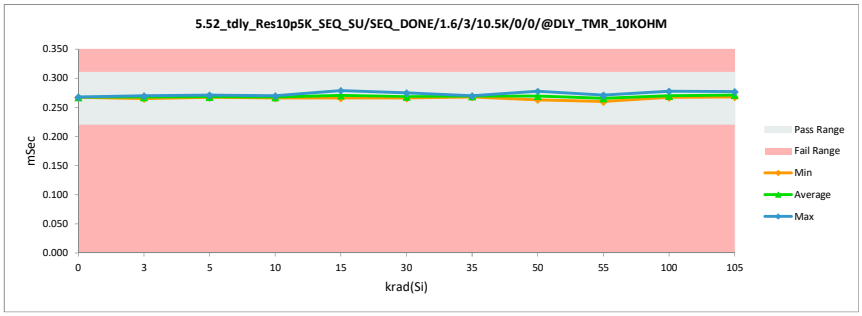
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.52_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.268	0.268	0.000
0	14	0.269	0.268	-0.001
0	15	0.267	0.267	0.000
3	20	0.267	0.267	0.000
3	21	0.269	0.270	0.001
3	22	0.270	0.270	0.000
3	23	0.266	0.267	0.001
3	24	0.264	0.265	0.001
5	25	0.270	0.271	0.001
5	26	0.268	0.269	0.001
5	27	0.267	0.267	0.000
5	28	0.269	0.267	-0.002
5	29	0.271	0.268	-0.003
10	30	0.266	0.268	0.002
10	31	0.265	0.267	0.002
10	32	0.268	0.266	-0.002
10	33	0.270	0.270	0.000
10	34	0.268	0.268	0.000
15	35	0.267	0.266	-0.001
15	36	0.267	0.266	-0.001
15	37	0.275	0.275	0.000
15	38	0.279	0.279	0.000
15	39	0.267	0.267	0.000
30	40	0.269	0.269	0.000
30	41	0.265	0.266	0.001
30	42	0.267	0.267	0.000
30	43	0.274	0.275	0.001
30	44	0.268	0.267	-0.001
35	45	0.269	0.269	0.000
35	46	0.268	0.270	0.002
35	47	0.268	0.270	0.002
35	48	0.267	0.268	0.001
35	49	0.268	0.269	0.001
50	50	0.270	0.270	0.000
50	51	0.267	0.269	0.002
50	52	0.268	0.268	0.000
50	53	0.277	0.278	0.001
50	54	0.265	0.263	-0.002
55	55	0.260	0.260	0.000
55	56	0.272	0.271	-0.001
55	57	0.269	0.268	-0.001
55	58	0.261	0.261	0.000
55	59	0.268	0.269	0.001
100	60	0.267	0.267	0.000
100	61	0.269	0.267	-0.002
100	62	0.277	0.278	0.001
100	63	0.269	0.270	0.001
100	64	0.268	0.268	0.000
105	65	0.270	0.268	-0.002
105	66	0.276	0.277	0.001
105	67	0.272	0.272	0.000
105	68	0.269	0.269	0.000
105	69	0.268	0.270	0.002
	Max	0.279	0.279	0.002
	Average	0.269	0.269	0.000
	Min	0.260	0.260	-0.003
	Std Dev	0.004	0.004	0.001



	5.52_tdly_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.265	0.267	0.266	0.266	0.266	0.268	0.263	0.260	0.267	0.268
Average	0.268	0.268	0.268	0.268	0.271	0.269	0.269	0.270	0.266	0.270	0.271
Max	0.268	0.270	0.271	0.270	0.279	0.275	0.270	0.278	0.271	0.278	0.277
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

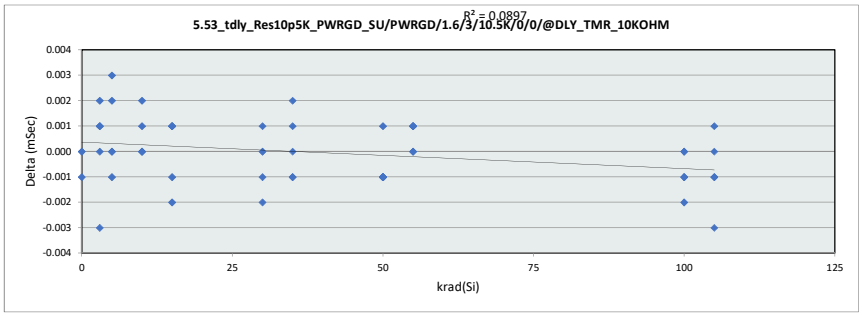


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

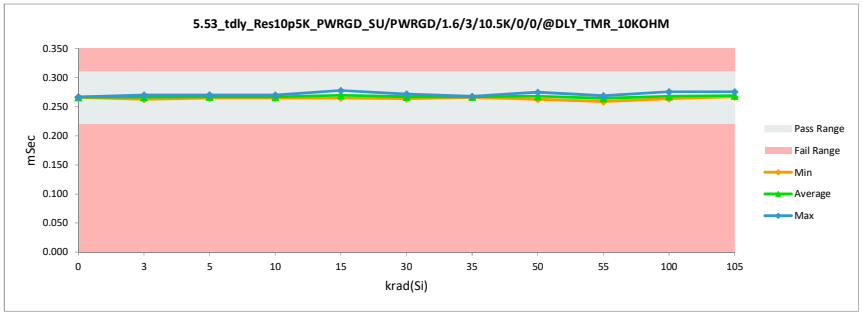
	5.53_tdly_Res10p5K_PWR	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.266	-0.001
0	14	0.266	0.266	0.000
0	15	0.267	0.267	0.000
3	20	0.268	0.265	-0.003
3	21	0.268	0.268	0.000
3	22	0.268	0.270	0.002
3	23	0.265	0.266	0.001
3	24	0.262	0.263	0.001
5	25	0.267	0.270	0.003
5	26	0.266	0.268	0.002
5	27	0.265	0.265	0.000
5	28	0.267	0.266	-0.001
5	29	0.268	0.268	0.000
10	30	0.266	0.266	0.000
10	31	0.265	0.265	0.000
10	32	0.266	0.266	0.000
10	33	0.268	0.270	0.002
10	34	0.267	0.268	0.001
15	35	0.265	0.266	0.001
15	36	0.264	0.265	0.001
15	37	0.275	0.274	-0.001
15	38	0.277	0.278	0.001
15	39	0.268	0.266	-0.002
30	40	0.268	0.268	0.000
30	41	0.264	0.264	0.000
30	42	0.267	0.268	0.001
30	43	0.274	0.272	-0.002
30	44	0.266	0.265	-0.001
35	45	0.268	0.268	0.000
35	46	0.269	0.268	-0.001
35	47	0.267	0.266	-0.001
35	48	0.266	0.268	0.002
35	49	0.265	0.266	0.001
50	50	0.268	0.267	-0.001
50	51	0.267	0.268	0.001
50	52	0.268	0.267	-0.001
50	53	0.276	0.275	-0.001
50	54	0.264	0.263	-0.001
55	55	0.259	0.259	0.000
55	56	0.268	0.269	0.001
55	57	0.268	0.269	0.001
55	58	0.260	0.260	0.000
55	59	0.265	0.266	0.001
100	60	0.265	0.264	-0.001
100	61	0.268	0.266	-0.002
100	62	0.276	0.276	0.000
100	63	0.269	0.269	0.000
100	64	0.267	0.266	-0.001
105	65	0.268	0.267	-0.001
105	66	0.275	0.276	0.001
105	67	0.272	0.269	-0.003
105	68	0.268	0.267	-0.001
105	69	0.268	0.268	0.000
	Max	0.277	0.278	0.003
	Average	0.268	0.267	0.000
	Min	0.259	0.259	-0.003
	Std Dev	0.004	0.004	0.001



	5.53_tdly_Res10p5K_PW	
Test Site		
Tester		
Test Number		
Max Limit	0.31	mSec
Min Limit	0.22	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.265	0.265	0.265	0.264	0.266	0.263	0.259	0.264	0.267
Average	0.266	0.266	0.267	0.267	0.270	0.267	0.267	0.268	0.265	0.268	0.269
Max	0.267	0.270	0.270	0.270	0.278	0.272	0.268	0.275	0.269	0.276	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

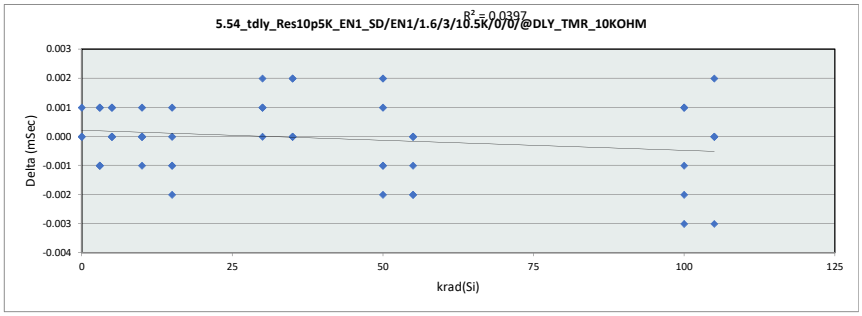


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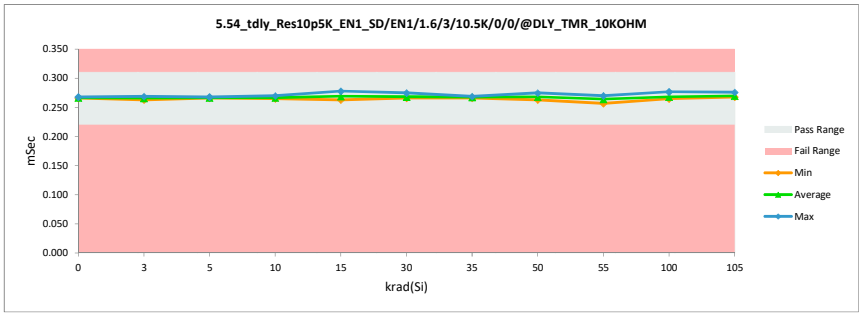
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.54_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.266	0.000
0	14	0.267	0.268	0.001
0	15	0.267	0.267	0.000
3	20	0.265	0.266	0.001
3	21	0.269	0.268	-0.001
3	22	0.268	0.269	0.001
3	23	0.266	0.265	-0.001
3	24	0.264	0.263	-0.001
5	25	0.268	0.268	0.000
5	26	0.267	0.267	0.000
5	27	0.265	0.266	0.001
5	28	0.266	0.266	0.000
5	29	0.267	0.268	0.001
10	30	0.265	0.266	0.001
10	31	0.266	0.265	-0.001
10	32	0.265	0.265	0.000
10	33	0.270	0.270	0.000
10	34	0.268	0.268	0.000
15	35	0.265	0.266	0.001
15	36	0.265	0.263	-0.002
15	37	0.274	0.273	-0.001
15	38	0.278	0.278	0.000
15	39	0.267	0.266	-0.001
30	40	0.267	0.268	0.001
30	41	0.265	0.266	0.001
30	42	0.266	0.267	0.001
30	43	0.273	0.275	0.002
30	44	0.266	0.266	0.000
35	45	0.269	0.269	0.000
35	46	0.268	0.268	0.000
35	47	0.266	0.268	0.002
35	48	0.266	0.268	0.002
35	49	0.266	0.266	0.000
50	50	0.268	0.267	-0.001
50	51	0.266	0.268	0.002
50	52	0.267	0.268	0.001
50	53	0.276	0.275	-0.001
50	54	0.265	0.263	-0.002
55	55	0.259	0.257	-0.002
55	56	0.271	0.270	-0.001
55	57	0.268	0.268	0.000
55	58	0.260	0.260	0.000
55	59	0.268	0.266	-0.002
100	60	0.265	0.266	0.001
100	61	0.267	0.265	-0.002
100	62	0.276	0.277	0.001
100	63	0.269	0.266	-0.003
100	64	0.267	0.266	-0.001
105	65	0.268	0.268	0.000
105	66	0.276	0.276	0.000
105	67	0.272	0.269	-0.003
105	68	0.268	0.268	0.000
105	69	0.266	0.268	0.002
	Max	0.278	0.278	0.002
	Average	0.268	0.268	0.000
	Min	0.259	0.257	-0.003
	Std Dev	0.004	0.004	0.001



	5.54_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.266	0.265	0.263	0.266	0.266	0.263	0.257	0.265	0.268
Average	0.267	0.266	0.267	0.267	0.269	0.268	0.268	0.268	0.264	0.268	0.270
Max	0.268	0.269	0.268	0.270	0.278	0.275	0.269	0.275	0.270	0.277	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

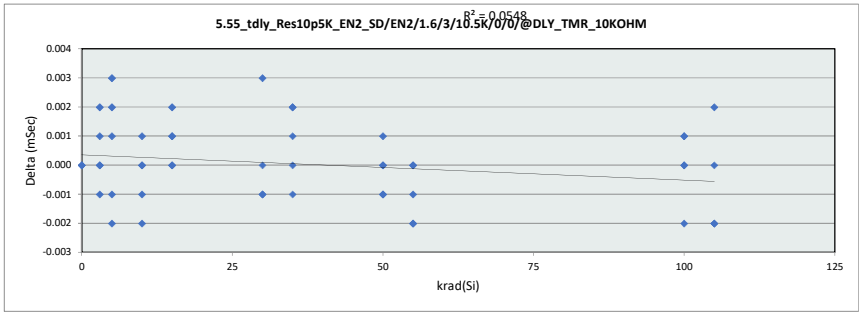


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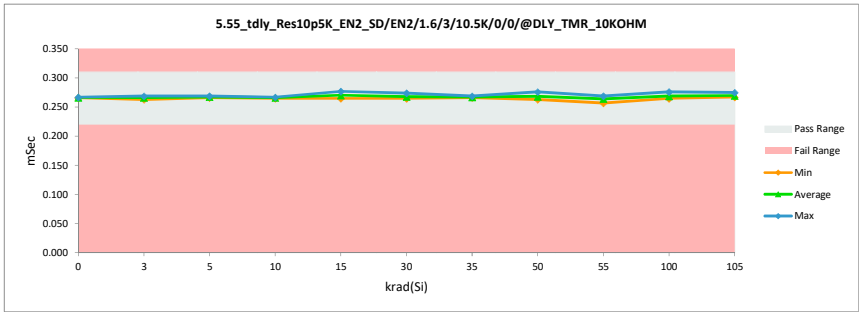
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.55_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.266	0.000
0	14	0.267	0.267	0.000
0	15	0.267	0.267	0.000
3	20	0.265	0.267	0.002
3	21	0.269	0.269	0.000
3	22	0.267	0.268	0.001
3	23	0.266	0.265	-0.001
3	24	0.263	0.263	0.000
5	25	0.269	0.268	-0.001
5	26	0.266	0.269	0.003
5	27	0.265	0.266	0.001
5	28	0.266	0.268	0.002
5	29	0.268	0.266	-0.002
10	30	0.266	0.266	0.000
10	31	0.265	0.265	0.000
10	32	0.265	0.266	0.001
10	33	0.269	0.267	-0.002
10	34	0.268	0.267	-0.001
15	35	0.266	0.267	0.001
15	36	0.265	0.265	0.000
15	37	0.275	0.276	0.001
15	38	0.277	0.277	0.000
15	39	0.265	0.267	0.002
30	40	0.268	0.267	-0.001
30	41	0.265	0.265	0.000
30	42	0.266	0.269	0.003
30	43	0.275	0.274	-0.001
30	44	0.266	0.265	-0.001
35	45	0.269	0.269	0.000
35	46	0.266	0.267	0.001
35	47	0.267	0.266	-0.001
35	48	0.265	0.267	0.002
35	49	0.265	0.267	0.002
50	50	0.269	0.268	-0.001
50	51	0.269	0.268	-0.001
50	52	0.267	0.267	0.000
50	53	0.275	0.276	0.001
50	54	0.263	0.263	0.000
55	55	0.259	0.257	-0.002
55	56	0.270	0.269	-0.001
55	57	0.269	0.269	0.000
55	58	0.261	0.259	-0.002
55	59	0.267	0.267	0.000
100	60	0.267	0.265	-0.002
100	61	0.266	0.266	0.000
100	62	0.276	0.276	0.000
100	63	0.269	0.270	0.001
100	64	0.266	0.267	0.001
105	65	0.269	0.267	-0.002
105	66	0.277	0.275	-0.002
105	67	0.271	0.269	-0.002
105	68	0.268	0.270	0.002
105	69	0.267	0.267	0.000
	Max	0.277	0.277	0.003
	Average	0.268	0.268	0.000
	Min	0.259	0.257	-0.002
	Std Dev	0.004	0.004	0.001



	5.55_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.266	0.265	0.265	0.265	0.266	0.263	0.257	0.265	0.267
Average	0.267	0.266	0.267	0.266	0.270	0.268	0.267	0.268	0.264	0.269	0.270
Max	0.267	0.269	0.269	0.267	0.277	0.274	0.269	0.276	0.269	0.276	0.275
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

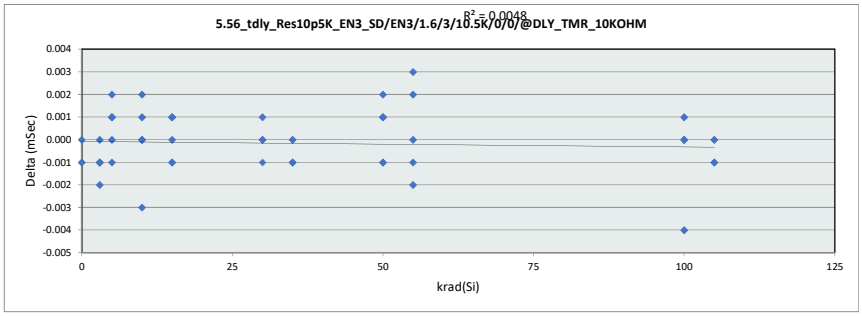


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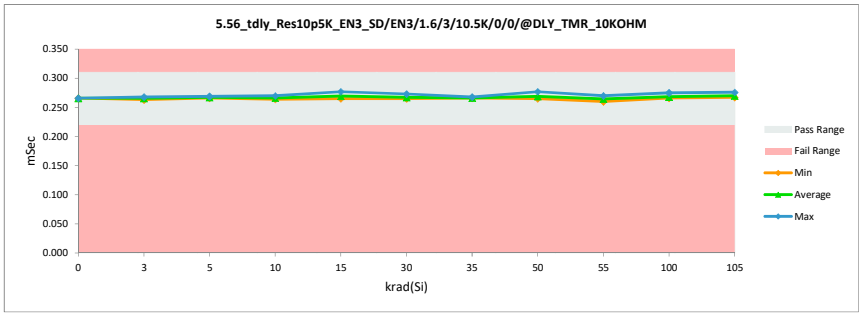
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.56_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.266	-0.001
0	14	0.266	0.266	0.000
0	15	0.267	0.266	-0.001
3	20	0.266	0.265	-0.001
3	21	0.269	0.267	-0.002
3	22	0.269	0.268	-0.001
3	23	0.266	0.266	0.000
3	24	0.264	0.263	-0.001
5	25	0.267	0.269	0.002
5	26	0.267	0.266	-0.001
5	27	0.267	0.267	0.000
5	28	0.266	0.267	0.001
5	29	0.267	0.268	0.001
10	30	0.265	0.266	0.001
10	31	0.266	0.266	0.000
10	32	0.267	0.264	-0.003
10	33	0.268	0.270	0.002
10	34	0.266	0.266	0.000
15	35	0.265	0.265	0.000
15	36	0.265	0.266	0.001
15	37	0.274	0.273	-0.001
15	38	0.276	0.277	0.001
15	39	0.267	0.266	-0.001
30	40	0.268	0.267	-0.001
30	41	0.265	0.265	0.000
30	42	0.266	0.266	0.000
30	43	0.272	0.273	0.001
30	44	0.266	0.266	0.000
35	45	0.269	0.268	-0.001
35	46	0.266	0.266	0.000
35	47	0.267	0.266	-0.001
35	48	0.266	0.266	0.000
35	49	0.267	0.266	-0.001
50	50	0.269	0.268	-0.001
50	51	0.267	0.268	0.001
50	52	0.268	0.267	-0.001
50	53	0.276	0.277	0.001
50	54	0.263	0.265	0.002
55	55	0.257	0.260	0.003
55	56	0.268	0.270	0.002
55	57	0.269	0.267	-0.002
55	58	0.260	0.260	0.000
55	59	0.267	0.266	-0.001
100	60	0.266	0.266	0.000
100	61	0.267	0.267	0.000
100	62	0.279	0.275	-0.004
100	63	0.267	0.268	0.001
100	64	0.266	0.266	0.000
105	65	0.269	0.268	-0.001
105	66	0.277	0.276	-0.001
105	67	0.271	0.271	0.000
105	68	0.268	0.267	-0.001
105	69	0.268	0.268	0.000
	Max	0.279	0.277	0.003
	Average	0.268	0.267	0.000
	Min	0.257	0.260	-0.004
	Std Dev	0.004	0.003	0.001



	5.56_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.266	0.264	0.265	0.265	0.266	0.265	0.260	0.266	0.267
Average	0.266	0.266	0.267	0.266	0.269	0.267	0.266	0.269	0.265	0.268	0.270
Max	0.266	0.268	0.269	0.270	0.277	0.273	0.268	0.277	0.270	0.275	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

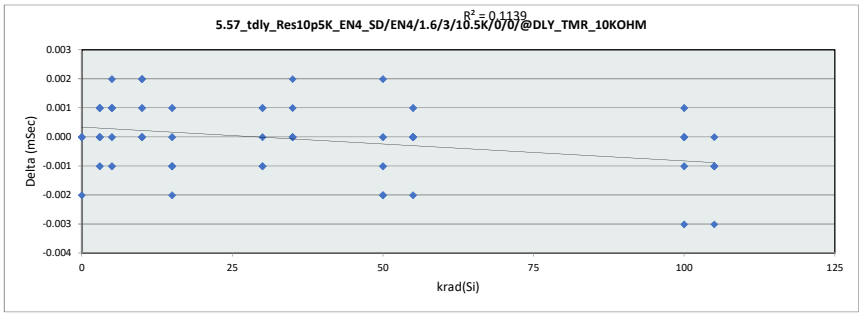


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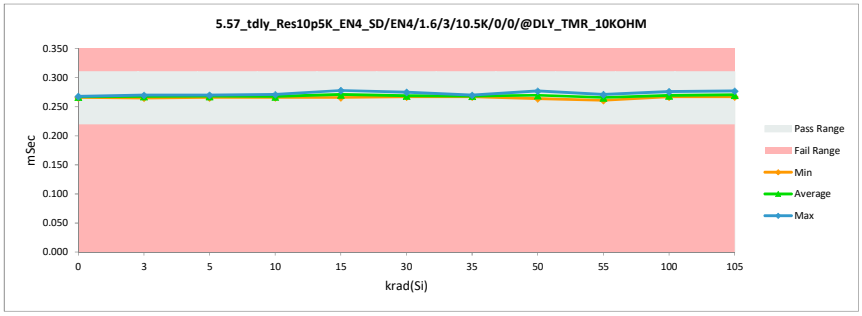
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.57_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.268	0.266	-0.002
0	14	0.267	0.267	0.000
0	15	0.268	0.268	0.000
3	20	0.267	0.268	0.001
3	21	0.270	0.270	0.000
3	22	0.270	0.269	-0.001
3	23	0.267	0.268	0.001
3	24	0.265	0.265	0.000
5	25	0.268	0.270	0.002
5	26	0.268	0.269	0.001
5	27	0.267	0.266	-0.001
5	28	0.267	0.267	0.000
5	29	0.268	0.269	0.001
10	30	0.266	0.268	0.002
10	31	0.266	0.266	0.000
10	32	0.266	0.267	0.001
10	33	0.269	0.271	0.002
10	34	0.267	0.267	0.000
15	35	0.266	0.267	0.001
15	36	0.267	0.266	-0.001
15	37	0.277	0.276	-0.001
15	38	0.280	0.278	-0.002
15	39	0.268	0.268	0.000
30	40	0.268	0.268	0.000
30	41	0.266	0.267	0.001
30	42	0.268	0.267	-0.001
30	43	0.276	0.275	-0.001
30	44	0.267	0.268	0.001
35	45	0.270	0.270	0.000
35	46	0.267	0.267	0.000
35	47	0.268	0.269	0.001
35	48	0.268	0.268	0.000
35	49	0.267	0.269	0.002
50	50	0.269	0.271	0.002
50	51	0.269	0.269	0.000
50	52	0.270	0.268	-0.002
50	53	0.278	0.277	-0.001
50	54	0.266	0.264	-0.002
55	55	0.261	0.261	0.000
55	56	0.271	0.271	0.000
55	57	0.270	0.268	-0.002
55	58	0.260	0.261	0.001
55	59	0.269	0.269	0.000
100	60	0.267	0.267	0.000
100	61	0.268	0.267	-0.001
100	62	0.279	0.276	-0.003
100	63	0.269	0.269	0.000
100	64	0.267	0.268	0.001
105	65	0.270	0.267	-0.003
105	66	0.278	0.277	-0.001
105	67	0.272	0.271	-0.001
105	68	0.269	0.268	-0.001
105	69	0.269	0.269	0.000
	Max	0.280	0.278	0.002
	Average	0.269	0.269	0.000
	Min	0.260	0.261	-0.003
	Std Dev	0.004	0.003	0.001



	5.57_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.265	0.266	0.266	0.266	0.267	0.267	0.264	0.261	0.267	0.267
Average	0.267	0.268	0.268	0.268	0.271	0.269	0.269	0.270	0.266	0.269	0.270
Max	0.268	0.270	0.270	0.271	0.278	0.275	0.270	0.277	0.271	0.276	0.277
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

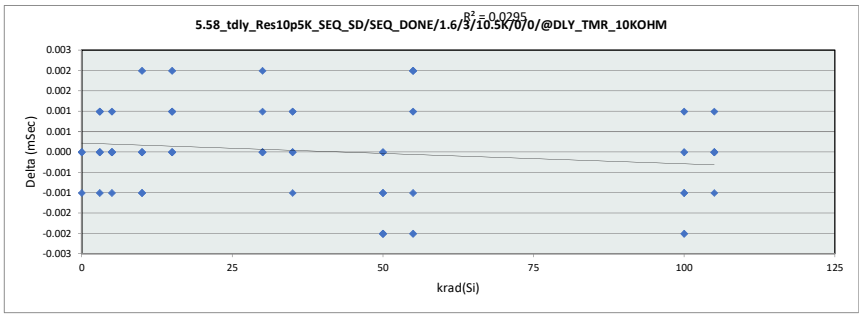


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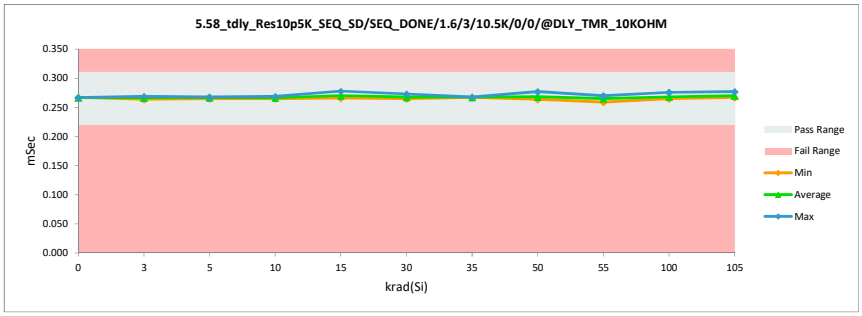
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.58_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.267	0.000
0	14	0.268	0.267	-0.001
0	15	0.267	0.267	0.000
3	20	0.265	0.266	0.001
3	21	0.270	0.269	-0.001
3	22	0.268	0.268	0.000
3	23	0.265	0.266	0.001
3	24	0.264	0.264	0.000
5	25	0.268	0.268	0.000
5	26	0.268	0.268	0.000
5	27	0.266	0.265	-0.001
5	28	0.268	0.268	0.000
5	29	0.266	0.267	0.001
10	30	0.266	0.265	-0.001
10	31	0.267	0.266	-0.001
10	32	0.264	0.266	0.002
10	33	0.269	0.269	0.000
10	34	0.267	0.267	0.000
15	35	0.266	0.266	0.000
15	36	0.266	0.266	0.000
15	37	0.274	0.275	0.001
15	38	0.276	0.278	0.002
15	39	0.266	0.267	0.001
30	40	0.266	0.268	0.002
30	41	0.265	0.265	0.000
30	42	0.266	0.267	0.001
30	43	0.273	0.273	0.000
30	44	0.266	0.266	0.000
35	45	0.268	0.268	0.000
35	46	0.267	0.267	0.000
35	47	0.269	0.268	-0.001
35	48	0.267	0.268	0.001
35	49	0.266	0.267	0.001
50	50	0.269	0.267	-0.002
50	51	0.269	0.268	-0.001
50	52	0.268	0.266	-0.002
50	53	0.277	0.277	0.000
50	54	0.265	0.264	-0.001
55	55	0.258	0.259	0.001
55	56	0.270	0.268	-0.002
55	57	0.268	0.270	0.002
55	58	0.261	0.260	-0.001
55	59	0.267	0.269	0.002
100	60	0.266	0.265	-0.001
100	61	0.266	0.266	0.000
100	62	0.278	0.276	-0.002
100	63	0.267	0.268	0.001
100	64	0.267	0.266	-0.001
105	65	0.269	0.268	-0.001
105	66	0.276	0.277	0.001
105	67	0.270	0.270	0.000
105	68	0.268	0.268	0.000
105	69	0.267	0.267	0.000
	Max	0.278	0.278	0.002
	Average	0.268	0.268	0.000
	Min	0.258	0.259	-0.002
	Std Dev	0.004	0.004	0.001



	5.58_tdly_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.264	0.265	0.265	0.266	0.265	0.267	0.264	0.259	0.265	0.267
Average	0.267	0.267	0.267	0.267	0.270	0.268	0.268	0.268	0.265	0.268	0.270
Max	0.267	0.269	0.268	0.269	0.278	0.273	0.268	0.277	0.270	0.276	0.277
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

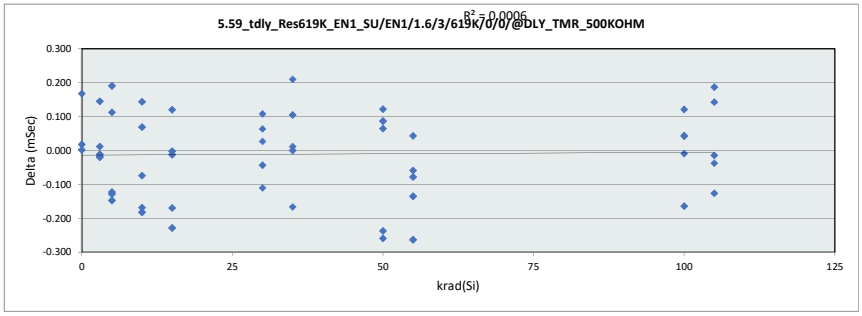


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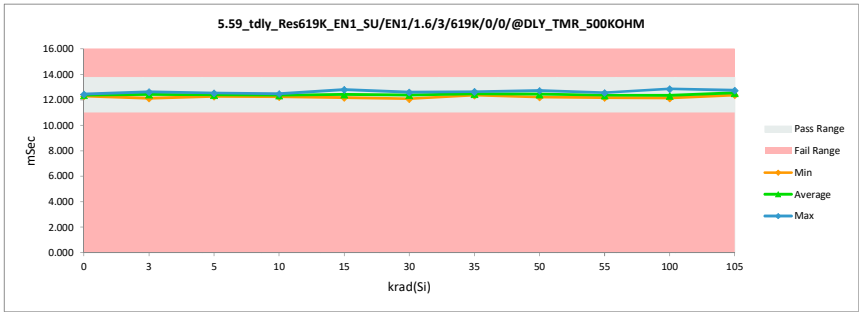
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.59_tdly_Res619K_EN1_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.424	12.443	0.019
0	14	12.293	12.296	0.003
0	15	12.213	12.382	0.169
3	20	12.558	12.542	-0.016
3	21	12.636	12.626	-0.010
3	22	12.564	12.577	0.013
3	23	12.119	12.265	0.146
3	24	12.142	12.123	-0.019
5	25	12.278	12.470	0.192
5	26	12.656	12.535	-0.121
5	27	12.259	12.373	0.114
5	28	12.395	12.268	-0.127
5	29	12.418	12.272	-0.146
10	30	12.336	12.481	0.145
10	31	12.482	12.409	-0.073
10	32	12.438	12.257	-0.181
10	33	12.623	12.456	-0.167
10	34	12.163	12.233	0.070
15	35	12.325	12.314	-0.011
15	36	12.351	12.183	-0.168
15	37	12.723	12.496	-0.227
15	38	12.682	12.803	0.121
15	39	12.366	12.365	-0.001
30	40	12.599	12.557	-0.042
30	41	12.332	12.223	-0.109
30	42	12.368	12.433	0.065
30	43	12.485	12.594	0.109
30	44	12.052	12.080	0.028
35	45	12.527	12.362	-0.165
35	46	12.536	12.642	0.106
35	47	12.368	12.381	0.013
35	48	12.387	12.388	0.001
35	49	12.331	12.542	0.211
50	50	12.722	12.486	-0.236
50	51	12.334	12.457	0.123
50	52	12.583	12.325	-0.258
50	53	12.666	12.732	0.066
50	54	12.118	12.206	0.088
55	55	12.218	12.160	-0.058
55	56	12.415	12.338	-0.077
55	57	12.697	12.563	-0.134
55	58	12.285	12.329	0.044
55	59	12.709	12.447	-0.262
100	60	12.417	12.254	-0.163
100	61	12.096	12.141	0.045
100	62	12.739	12.861	0.122
100	63	12.298	12.290	-0.008
100	64	12.120	12.163	0.043
105	65	12.383	12.370	-0.013
105	66	12.771	12.735	-0.036
105	67	12.585	12.460	-0.125
105	68	12.347	12.535	0.188
105	69	12.457	12.601	0.144
	Max	12.771	12.861	0.211
	Average	12.422	12.412	-0.011
	Min	12.052	12.080	-0.262
	Std Dev	0.191	0.177	0.125



	5.59_tdly_Res619K_EN1										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.296	12.123	12.268	12.233	12.183	12.080	12.362	12.206	12.160	12.141	12.370
Average	12.374	12.427	12.384	12.367	12.432	12.377	12.463	12.441	12.367	12.342	12.540
Max	12.443	12.626	12.535	12.481	12.803	12.594	12.642	12.732	12.563	12.861	12.735
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

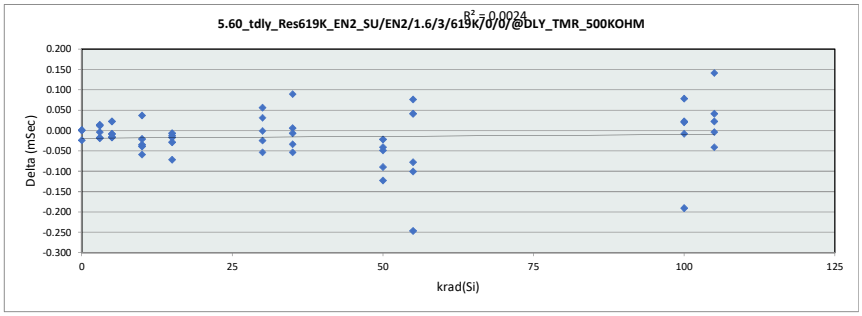


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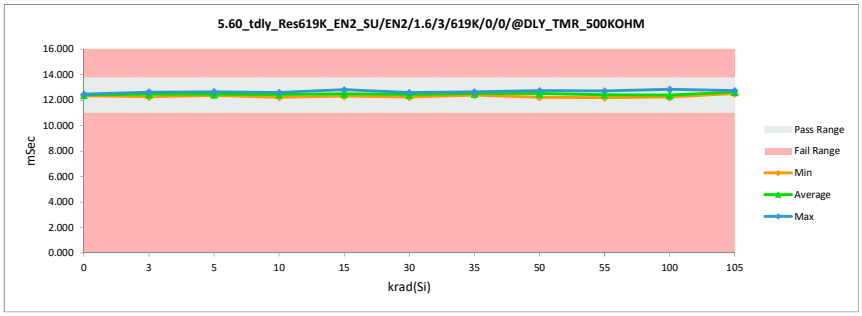
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.60_tdly_Res619K_EN2_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.435	12.437	0.002
0	14	12.465	12.466	0.001
0	15	12.366	12.343	-0.023
3	20	12.548	12.563	0.015
3	21	12.655	12.638	-0.017
3	22	12.572	12.585	0.013
3	23	12.271	12.253	-0.018
3	24	12.274	12.271	-0.003
5	25	12.452	12.475	0.023
5	26	12.673	12.666	-0.007
5	27	12.391	12.375	-0.016
5	28	12.408	12.400	-0.008
5	29	12.421	12.406	-0.015
10	30	12.506	12.486	-0.020
10	31	12.635	12.577	-0.058
10	32	12.432	12.394	-0.038
10	33	12.640	12.606	-0.034
10	34	12.177	12.215	0.038
15	35	12.319	12.313	-0.006
15	36	12.334	12.318	-0.016
15	37	12.709	12.638	-0.071
15	38	12.842	12.814	-0.028
15	39	12.392	12.380	-0.012
30	40	12.624	12.571	-0.053
30	41	12.341	12.373	0.032
30	42	12.446	12.446	0.000
30	43	12.620	12.596	-0.024
30	44	12.180	12.237	0.057
35	45	12.533	12.500	-0.033
35	46	12.703	12.650	-0.053
35	47	12.393	12.400	0.007
35	48	12.519	12.513	-0.006
35	49	12.455	12.545	0.090
50	50	12.751	12.629	-0.122
50	51	12.483	12.462	-0.021
50	52	12.586	12.497	-0.089
50	53	12.805	12.757	-0.048
50	54	12.261	12.221	-0.040
55	55	12.210	12.287	0.077
55	56	12.583	12.337	-0.246
55	57	12.685	12.727	0.042
55	58	12.301	12.201	-0.100
55	59	12.683	12.606	-0.077
100	60	12.419	12.229	-0.190
100	61	12.253	12.274	0.021
100	62	12.763	12.842	0.079
100	63	12.313	12.306	-0.007
100	64	12.271	12.294	0.023
105	65	12.512	12.509	-0.003
105	66	12.790	12.750	-0.040
105	67	12.577	12.600	0.023
105	68	12.496	12.538	0.042
105	69	12.612	12.754	0.142
	Max	12.842	12.842	0.142
	Average	12.492	12.477	-0.015
	Min	12.177	12.201	-0.246
	Std Dev	0.173	0.170	0.062



	5.60_tdly_Res619K_EN2										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.343	12.253	12.375	12.215	12.313	12.237	12.400	12.221	12.201	12.229	12.509
Average	12.415	12.462	12.464	12.456	12.493	12.445	12.522	12.513	12.432	12.389	12.630
Max	12.466	12.638	12.666	12.606	12.814	12.596	12.650	12.757	12.727	12.842	12.754
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

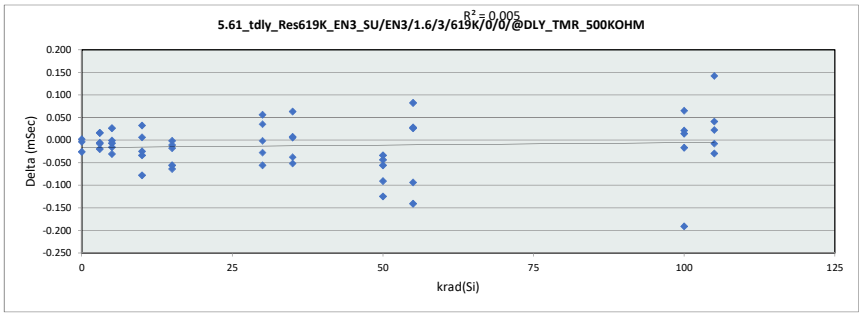


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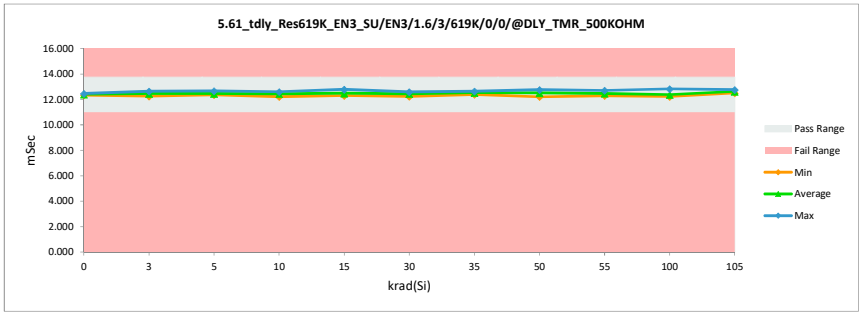
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.61_tdly_Res619K_EN3_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.437	12.434	-0.003
0	14	12.463	12.466	0.003
0	15	12.369	12.344	-0.025
3	20	12.551	12.568	0.017
3	21	12.655	12.650	-0.005
3	22	12.571	12.588	0.017
3	23	12.274	12.255	-0.019
3	24	12.277	12.270	-0.007
5	25	12.454	12.481	0.027
5	26	12.675	12.669	-0.006
5	27	12.392	12.377	-0.015
5	28	12.408	12.408	0.000
5	29	12.423	12.393	-0.030
10	30	12.483	12.490	0.007
10	31	12.635	12.558	-0.077
10	32	12.433	12.409	-0.024
10	33	12.644	12.611	-0.033
10	34	12.185	12.218	0.033
15	35	12.318	12.308	-0.010
15	36	12.336	12.319	-0.017
15	37	12.711	12.648	-0.063
15	38	12.846	12.791	-0.055
15	39	12.395	12.394	-0.001
30	40	12.631	12.576	-0.055
30	41	12.340	12.376	0.036
30	42	12.449	12.448	-0.001
30	43	12.623	12.596	-0.027
30	44	12.182	12.239	0.057
35	45	12.539	12.502	-0.037
35	46	12.704	12.653	-0.051
35	47	12.394	12.400	0.006
35	48	12.518	12.526	0.008
35	49	12.484	12.548	0.064
50	50	12.754	12.630	-0.124
50	51	12.484	12.451	-0.033
50	52	12.587	12.497	-0.090
50	53	12.808	12.765	-0.043
50	54	12.264	12.209	-0.055
55	55	12.211	12.294	0.083
55	56	12.584	12.444	-0.140
55	57	12.690	12.719	0.029
55	58	12.301	12.328	0.027
55	59	12.700	12.607	-0.093
100	60	12.425	12.235	-0.190
100	61	12.256	12.278	0.022
100	62	12.766	12.832	0.066
100	63	12.314	12.298	-0.016
100	64	12.273	12.288	0.015
105	65	12.515	12.508	-0.007
105	66	12.793	12.764	-0.029
105	67	12.581	12.604	0.023
105	68	12.496	12.538	0.042
105	69	12.614	12.757	0.143
	Max	12.846	12.832	0.143
	Average	12.495	12.482	-0.012
	Min	12.182	12.209	-0.190
	Std Dev	0.173	0.166	0.055



	5.61_tdly_Res619K_EN3										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.344	12.255	12.377	12.218	12.308	12.239	12.400	12.209	12.294	12.235	12.508
Average	12.415	12.466	12.466	12.457	12.492	12.447	12.526	12.510	12.478	12.386	12.634
Max	12.466	12.650	12.669	12.611	12.791	12.596	12.653	12.765	12.719	12.832	12.764
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

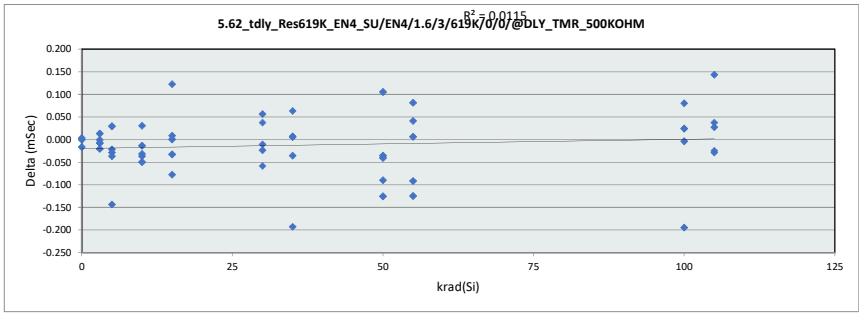


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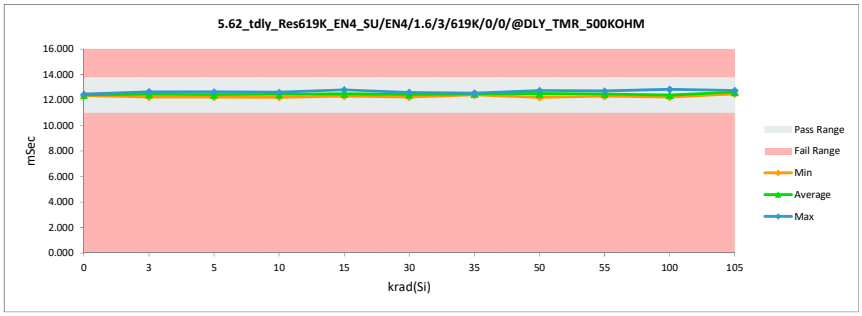
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.62_tdly_Res619K_EN4_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.434	12.438	0.004
0	14	12.467	12.467	0.000
0	15	12.369	12.353	-0.016
3	20	12.554	12.568	0.014
3	21	12.657	12.650	-0.007
3	22	12.577	12.570	-0.007
3	23	12.274	12.254	-0.020
3	24	12.278	12.278	0.000
5	25	12.455	12.485	0.030
5	26	12.676	12.640	-0.036
5	27	12.394	12.251	-0.143
5	28	12.404	12.383	-0.021
5	29	12.424	12.396	-0.028
10	30	12.510	12.497	-0.013
10	31	12.629	12.580	-0.049
10	32	12.435	12.399	-0.036
10	33	12.643	12.612	-0.031
10	34	12.188	12.219	0.031
15	35	12.307	12.316	0.009
15	36	12.200	12.323	0.123
15	37	12.715	12.638	-0.077
15	38	12.846	12.814	-0.032
15	39	12.394	12.395	0.001
30	40	12.633	12.575	-0.058
30	41	12.342	12.380	0.038
30	42	12.449	12.439	-0.010
30	43	12.623	12.600	-0.023
30	44	12.183	12.240	0.057
35	45	12.539	12.504	-0.035
35	46	12.707	12.515	-0.192
35	47	12.396	12.404	0.008
35	48	12.521	12.527	0.006
35	49	12.485	12.549	0.064
50	50	12.757	12.632	-0.125
50	51	12.487	12.452	-0.035
50	52	12.588	12.499	-0.089
50	53	12.660	12.766	0.106
50	54	12.263	12.223	-0.040
55	55	12.216	12.298	0.082
55	56	12.586	12.462	-0.124
55	57	12.685	12.727	0.042
55	58	12.304	12.311	0.007
55	59	12.702	12.611	-0.091
100	60	12.430	12.236	-0.194
100	61	12.257	12.282	0.025
100	62	12.766	12.847	0.081
100	63	12.316	12.313	-0.003
100	64	12.274	12.299	0.025
105	65	12.516	12.492	-0.024
105	66	12.795	12.767	-0.028
105	67	12.578	12.606	0.028
105	68	12.500	12.538	0.038
105	69	12.617	12.761	0.144
	Max	12.846	12.847	0.144
	Average	12.491	12.479	-0.012
	Min	12.183	12.219	-0.194
	Std Dev	0.173	0.166	0.067



	5.62_tdly_Res619K_EN4										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.353	12.254	12.251	12.219	12.316	12.240	12.404	12.223	12.298	12.236	12.492
Average	12.419	12.464	12.431	12.461	12.497	12.447	12.500	12.514	12.482	12.395	12.633
Max	12.467	12.650	12.640	12.612	12.814	12.600	12.549	12.766	12.727	12.847	12.767
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

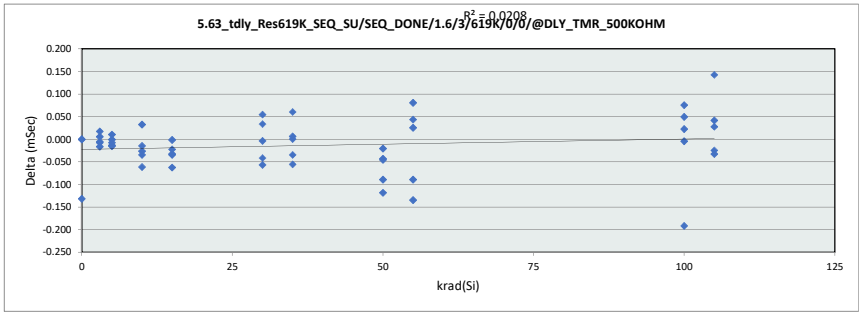


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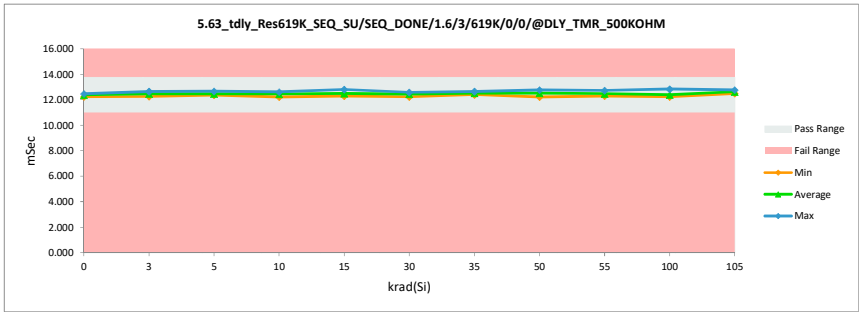
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.63_tdly_Res619K_SEQ_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.437	12.438	0.001
0	14	12.470	12.470	0.000
0	15	12.372	12.241	-0.131
3	20	12.553	12.571	0.018
3	21	12.658	12.653	-0.005
3	22	12.576	12.569	-0.007
3	23	12.275	12.259	-0.016
3	24	12.273	12.279	0.006
5	25	12.458	12.469	0.011
5	26	12.678	12.671	-0.007
5	27	12.395	12.382	-0.013
5	28	12.411	12.411	0.000
5	29	12.426	12.411	-0.015
10	30	12.510	12.496	-0.014
10	31	12.638	12.577	-0.061
10	32	12.436	12.410	-0.026
10	33	12.645	12.611	-0.034
10	34	12.187	12.220	0.033
15	35	12.322	12.300	-0.022
15	36	12.338	12.304	-0.034
15	37	12.714	12.652	-0.062
15	38	12.848	12.816	-0.032
15	39	12.397	12.396	-0.001
30	40	12.634	12.578	-0.056
30	41	12.342	12.376	0.034
30	42	12.452	12.449	-0.003
30	43	12.626	12.585	-0.041
30	44	12.186	12.241	0.055
35	45	12.540	12.506	-0.034
35	46	12.709	12.654	-0.055
35	47	12.398	12.405	0.007
35	48	12.523	12.524	0.001
35	49	12.487	12.548	0.061
50	50	12.751	12.633	-0.118
50	51	12.487	12.467	-0.020
50	52	12.590	12.501	-0.089
50	53	12.810	12.767	-0.043
50	54	12.267	12.222	-0.045
55	55	12.215	12.296	0.081
55	56	12.588	12.454	-0.134
55	57	12.689	12.733	0.044
55	58	12.305	12.331	0.026
55	59	12.703	12.614	-0.089
100	60	12.428	12.237	-0.191
100	61	12.230	12.280	0.050
100	62	12.767	12.843	0.076
100	63	12.317	12.313	-0.004
100	64	12.275	12.298	0.023
105	65	12.518	12.494	-0.024
105	66	12.798	12.766	-0.032
105	67	12.579	12.607	0.028
105	68	12.500	12.542	0.042
105	69	12.617	12.760	0.143
	Max	12.848	12.843	0.143
	Average	12.497	12.484	-0.014
	Min	12.186	12.220	-0.191
	Std Dev	0.174	0.169	0.057



	5.63_tdly_Res619K_SEQ										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.241	12.259	12.382	12.220	12.300	12.241	12.405	12.222	12.296	12.237	12.494
Average	12.383	12.466	12.469	12.463	12.494	12.446	12.527	12.518	12.486	12.394	12.634
Max	12.470	12.653	12.671	12.611	12.816	12.585	12.654	12.767	12.733	12.843	12.766
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

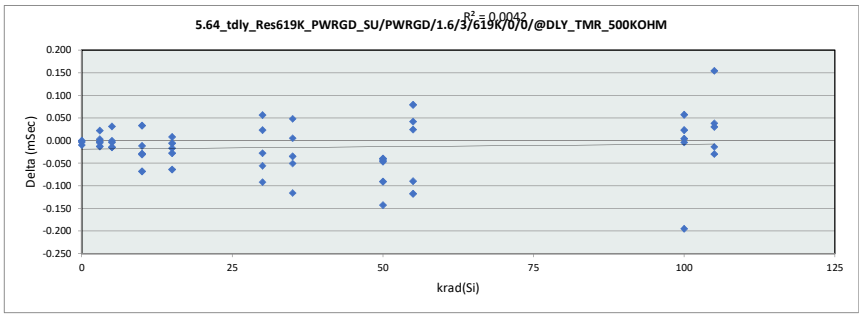


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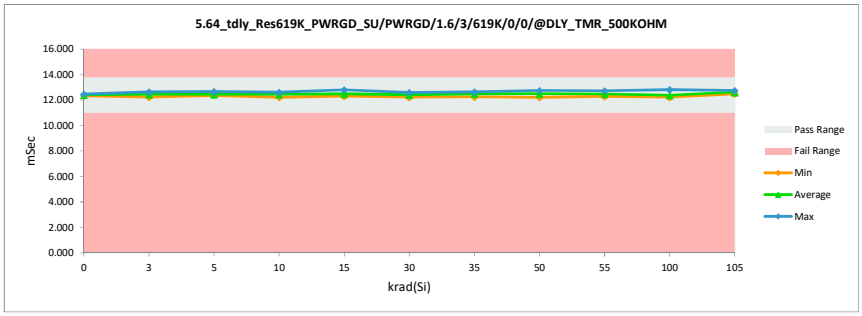
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.64_tdly_Res619K_PWRG	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.434	12.432	-0.002
0	14	12.464	12.465	0.001
0	15	12.364	12.355	-0.009
3	20	12.542	12.565	0.023
3	21	12.652	12.648	-0.004
3	22	12.571	12.575	0.004
3	23	12.265	12.253	-0.012
3	24	12.275	12.274	-0.001
5	25	12.451	12.483	0.032
5	26	12.671	12.668	-0.003
5	27	12.390	12.376	-0.014
5	28	12.404	12.404	0.000
5	29	12.419	12.405	-0.014
10	30	12.504	12.493	-0.011
10	31	12.633	12.566	-0.067
10	32	12.432	12.404	-0.028
10	33	12.638	12.608	-0.030
10	34	12.182	12.216	0.034
15	35	12.316	12.311	-0.005
15	36	12.334	12.318	-0.016
15	37	12.709	12.646	-0.063
15	38	12.838	12.811	-0.027
15	39	12.383	12.392	0.009
30	40	12.629	12.574	-0.055
30	41	12.336	12.245	-0.091
30	42	12.419	12.443	0.024
30	43	12.621	12.594	-0.027
30	44	12.179	12.236	0.057
35	45	12.533	12.499	-0.034
35	46	12.701	12.651	-0.050
35	47	12.381	12.266	-0.115
35	48	12.517	12.523	0.006
35	49	12.482	12.531	0.049
50	50	12.751	12.609	-0.142
50	51	12.483	12.444	-0.039
50	52	12.584	12.494	-0.090
50	53	12.803	12.761	-0.042
50	54	12.262	12.216	-0.046
55	55	12.210	12.290	0.080
55	56	12.580	12.463	-0.117
55	57	12.684	12.727	0.043
55	58	12.299	12.324	0.025
55	59	12.695	12.606	-0.089
100	60	12.425	12.231	-0.194
100	61	12.253	12.277	0.024
100	62	12.762	12.820	0.058
100	63	12.312	12.309	-0.003
100	64	12.272	12.277	0.005
105	65	12.513	12.500	-0.013
105	66	12.792	12.763	-0.029
105	67	12.571	12.602	0.031
105	68	12.496	12.535	0.039
105	69	12.599	12.754	0.155
	Max	12.838	12.820	0.155
	Average	12.491	12.476	-0.015
	Min	12.179	12.216	-0.194
	Std Dev	0.173	0.170	0.057



	5.64_tdly_Res619K_PWR										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.355	12.253	12.376	12.216	12.311	12.236	12.266	12.216	12.290	12.231	12.500
Average	12.417	12.463	12.467	12.457	12.496	12.418	12.494	12.505	12.482	12.383	12.631
Max	12.465	12.648	12.668	12.608	12.811	12.594	12.651	12.761	12.727	12.820	12.763
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

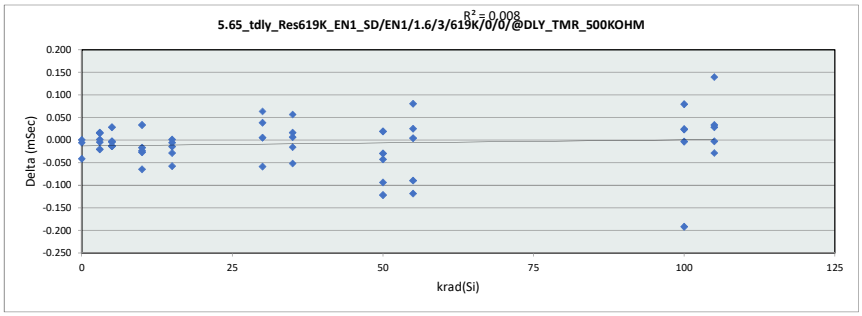


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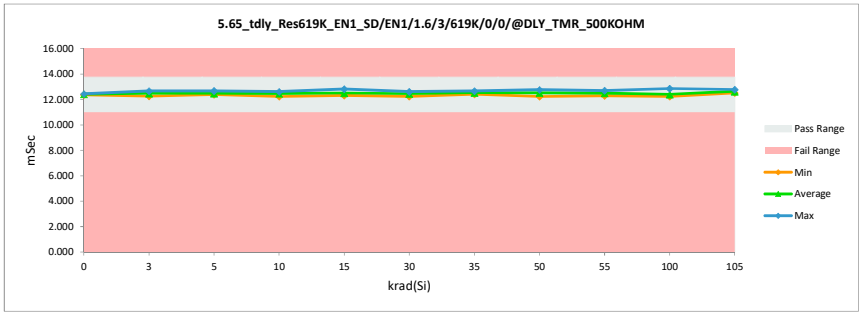
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.65_tdly_Res619K_EN1_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.448	12.449	0.001
0	14	12.478	12.437	-0.041
0	15	12.380	12.375	-0.005
3	20	12.563	12.580	0.017
3	21	12.665	12.661	-0.004
3	22	12.585	12.601	0.016
3	23	12.283	12.263	-0.020
3	24	12.287	12.289	0.002
5	25	12.466	12.495	0.029
5	26	12.686	12.682	-0.004
5	27	12.404	12.391	-0.013
5	28	12.421	12.419	-0.002
5	29	12.434	12.421	-0.013
10	30	12.518	12.502	-0.016
10	31	12.648	12.584	-0.064
10	32	12.445	12.422	-0.023
10	33	12.637	12.611	-0.026
10	34	12.195	12.229	0.034
15	35	12.332	12.327	-0.005
15	36	12.347	12.333	-0.014
15	37	12.722	12.665	-0.057
15	38	12.854	12.826	-0.028
15	39	12.404	12.406	0.002
30	40	12.645	12.587	-0.058
30	41	12.352	12.391	0.039
30	42	12.453	12.459	0.006
30	43	12.605	12.611	0.006
30	44	12.186	12.250	0.064
35	45	12.514	12.499	-0.015
35	46	12.715	12.664	-0.051
35	47	12.407	12.414	0.007
35	48	12.519	12.536	0.017
35	49	12.495	12.552	0.057
50	50	12.764	12.643	-0.121
50	51	12.458	12.478	0.020
50	52	12.600	12.507	-0.093
50	53	12.818	12.776	-0.042
50	54	12.262	12.233	-0.029
55	55	12.223	12.304	0.081
55	56	12.597	12.479	-0.118
55	57	12.698	12.703	0.005
55	58	12.315	12.341	0.026
55	59	12.711	12.622	-0.089
100	60	12.438	12.247	-0.191
100	61	12.266	12.290	0.024
100	62	12.777	12.857	0.080
100	63	12.327	12.324	-0.003
100	64	12.282	12.307	0.025
105	65	12.526	12.524	-0.002
105	66	12.805	12.777	-0.028
105	67	12.588	12.617	0.029
105	68	12.508	12.542	0.034
105	69	12.624	12.764	0.140
	Max	12.854	12.857	0.140
	Average	12.503	12.496	-0.008
	Min	12.186	12.229	-0.191
	Std Dev	0.173	0.165	0.054



	5.65_tdly_Res619K_EN1										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.375	12.263	12.391	12.229	12.327	12.250	12.414	12.233	12.304	12.247	12.524
Average	12.420	12.479	12.482	12.470	12.511	12.460	12.533	12.527	12.490	12.405	12.645
Max	12.449	12.661	12.682	12.611	12.826	12.611	12.664	12.776	12.703	12.857	12.777
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

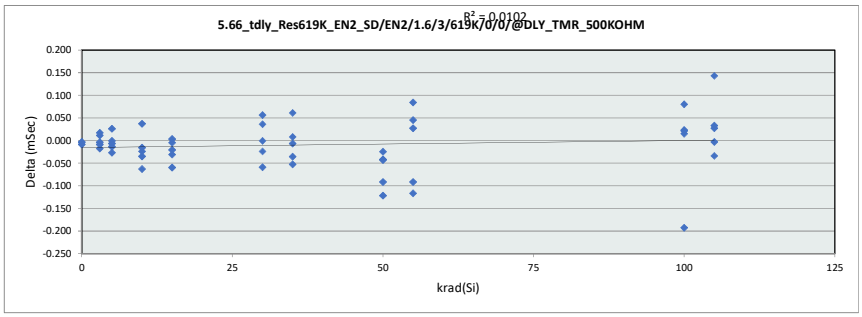


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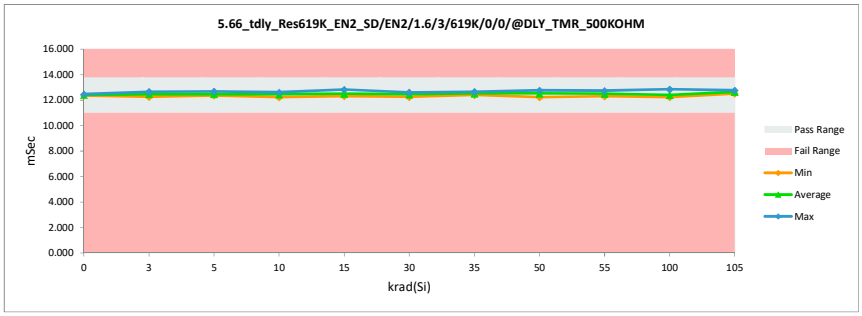
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.66_tdly_Res619K_EN2_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.447	12.439	-0.008
0	14	12.479	12.477	-0.002
0	15	12.380	12.376	-0.004
3	20	12.561	12.579	0.018
3	21	12.665	12.662	-0.003
3	22	12.587	12.599	0.012
3	23	12.285	12.268	-0.017
3	24	12.288	12.280	-0.008
5	25	12.466	12.493	0.027
5	26	12.687	12.681	-0.006
5	27	12.402	12.376	-0.026
5	28	12.418	12.418	0.000
5	29	12.433	12.420	-0.013
10	30	12.517	12.502	-0.015
10	31	12.647	12.585	-0.062
10	32	12.444	12.421	-0.023
10	33	12.652	12.618	-0.034
10	34	12.193	12.231	0.038
15	35	12.330	12.326	-0.004
15	36	12.343	12.323	-0.020
15	37	12.723	12.664	-0.059
15	38	12.856	12.826	-0.030
15	39	12.403	12.407	0.004
30	40	12.644	12.586	-0.058
30	41	12.352	12.389	0.037
30	42	12.461	12.461	0.000
30	43	12.633	12.610	-0.023
30	44	12.193	12.250	0.057
35	45	12.548	12.513	-0.035
35	46	12.715	12.663	-0.052
35	47	12.404	12.413	0.009
35	48	12.531	12.525	-0.006
35	49	12.496	12.558	0.062
50	50	12.764	12.643	-0.121
50	51	12.496	12.472	-0.024
50	52	12.599	12.508	-0.091
50	53	12.818	12.776	-0.042
50	54	12.275	12.234	-0.041
55	55	12.222	12.307	0.085
55	56	12.595	12.479	-0.116
55	57	12.697	12.743	0.046
55	58	12.312	12.340	0.028
55	59	12.713	12.622	-0.091
100	60	12.438	12.246	-0.192
100	61	12.268	12.290	0.022
100	62	12.777	12.858	0.081
100	63	12.306	12.322	0.016
100	64	12.285	12.309	0.024
105	65	12.526	12.524	-0.002
105	66	12.807	12.774	-0.033
105	67	12.589	12.617	0.028
105	68	12.510	12.544	0.034
105	69	12.626	12.770	0.144
	Max	12.856	12.858	0.144
	Average	12.506	12.497	-0.009
	Min	12.193	12.231	-0.192
	Std Dev	0.174	0.166	0.054



	5.66_tdly_Res619K_EN2										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.376	12.268	12.376	12.231	12.323	12.250	12.413	12.234	12.307	12.246	12.524
Average	12.431	12.478	12.478	12.471	12.509	12.459	12.534	12.527	12.498	12.405	12.646
Max	12.477	12.662	12.681	12.618	12.826	12.610	12.663	12.776	12.743	12.858	12.774
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

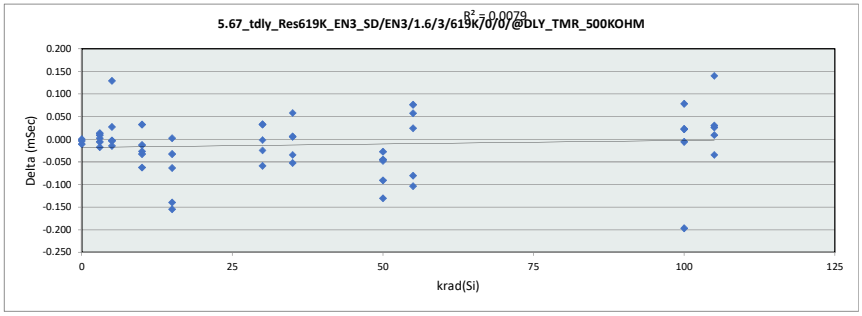


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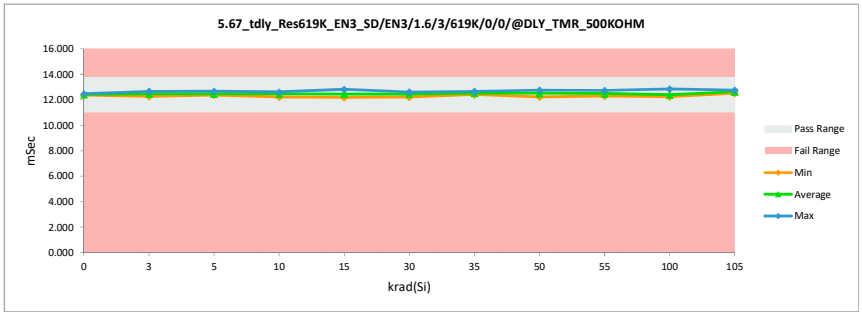
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.67_tdly_Res619K_EN3_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.443	12.440	-0.003
0	14	12.471	12.472	0.001
0	15	12.373	12.363	-0.010
3	20	12.557	12.571	0.014
3	21	12.661	12.656	-0.005
3	22	12.581	12.591	0.010
3	23	12.278	12.261	-0.017
3	24	12.281	12.284	0.003
5	25	12.461	12.489	0.028
5	26	12.680	12.677	-0.003
5	27	12.244	12.374	0.130
5	28	12.414	12.412	-0.002
5	29	12.428	12.414	-0.014
10	30	12.513	12.501	-0.012
10	31	12.640	12.578	-0.062
10	32	12.437	12.411	-0.026
10	33	12.646	12.614	-0.032
10	34	12.190	12.223	0.033
15	35	12.326	12.187	-0.139
15	36	12.338	12.184	-0.154
15	37	12.718	12.655	-0.063
15	38	12.850	12.818	-0.032
15	39	12.398	12.401	0.003
30	40	12.639	12.581	-0.058
30	41	12.346	12.379	0.033
30	42	12.455	12.454	-0.001
30	43	12.629	12.605	-0.024
30	44	12.186	12.220	0.034
35	45	12.542	12.508	-0.034
35	46	12.710	12.658	-0.052
35	47	12.401	12.408	0.007
35	48	12.527	12.533	0.006
35	49	12.492	12.551	0.059
50	50	12.759	12.629	-0.130
50	51	12.491	12.464	-0.027
50	52	12.593	12.503	-0.090
50	53	12.813	12.769	-0.044
50	54	12.270	12.223	-0.047
55	55	12.219	12.296	0.077
55	56	12.576	12.473	-0.103
55	57	12.678	12.736	0.058
55	58	12.308	12.333	0.025
55	59	12.695	12.615	-0.080
100	60	12.435	12.239	-0.196
100	61	12.261	12.284	0.023
100	62	12.771	12.850	0.079
100	63	12.321	12.316	-0.005
100	64	12.277	12.300	0.023
105	65	12.507	12.517	0.010
105	66	12.802	12.768	-0.034
105	67	12.583	12.610	0.027
105	68	12.505	12.536	0.031
105	69	12.621	12.762	0.141
	Max	12.850	12.850	0.141
	Average	12.497	12.485	-0.012
	Min	12.186	12.184	-0.196
	Std Dev	0.176	0.174	0.063



	5.67_tdly_Res619K_EN3										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.363	12.261	12.374	12.223	12.184	12.220	12.408	12.223	12.296	12.239	12.517
Average	12.425	12.473	12.473	12.465	12.449	12.448	12.532	12.518	12.491	12.398	12.639
Max	12.472	12.656	12.677	12.614	12.818	12.605	12.658	12.769	12.736	12.850	12.768
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

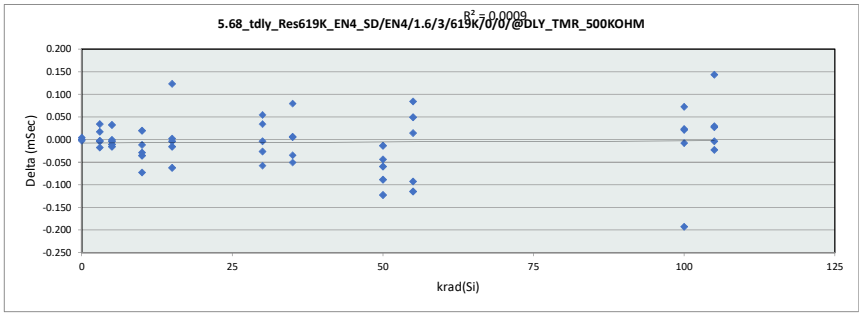


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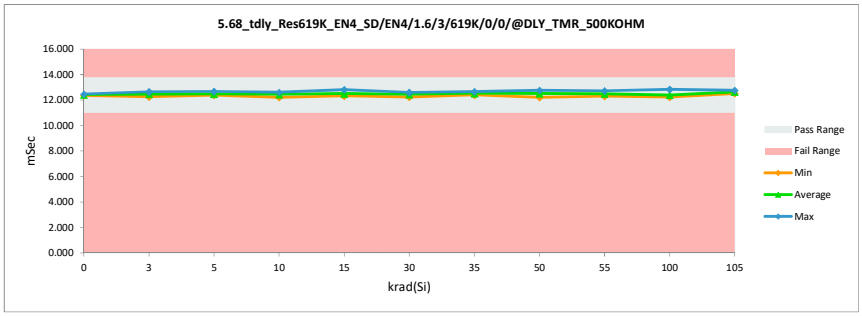
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.68_tdly_Res619K_EN4_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.448	12.446	-0.002
0	14	12.478	12.479	0.001
0	15	12.370	12.375	0.005
3	20	12.561	12.579	0.018
3	21	12.664	12.662	-0.002
3	22	12.564	12.599	0.035
3	23	12.284	12.267	-0.017
3	24	12.288	12.285	-0.003
5	25	12.464	12.497	0.033
5	26	12.684	12.681	-0.003
5	27	12.401	12.391	-0.010
5	28	12.418	12.418	0.000
5	29	12.434	12.419	-0.015
10	30	12.518	12.507	-0.011
10	31	12.647	12.575	-0.072
10	32	12.445	12.417	-0.028
10	33	12.653	12.618	-0.035
10	34	12.194	12.214	0.020
15	35	12.329	12.326	-0.003
15	36	12.344	12.329	-0.015
15	37	12.722	12.660	-0.062
15	38	12.699	12.823	0.124
15	39	12.402	12.405	0.003
30	40	12.643	12.586	-0.057
30	41	12.350	12.385	0.035
30	42	12.460	12.457	-0.003
30	43	12.634	12.608	-0.026
30	44	12.194	12.249	0.055
35	45	12.549	12.515	-0.034
35	46	12.714	12.664	-0.050
35	47	12.398	12.404	0.006
35	48	12.531	12.538	0.007
35	49	12.477	12.557	0.080
50	50	12.763	12.641	-0.122
50	51	12.489	12.476	-0.013
50	52	12.597	12.509	-0.088
50	53	12.819	12.776	-0.043
50	54	12.276	12.217	-0.059
55	55	12.220	12.305	0.085
55	56	12.593	12.479	-0.114
55	57	12.692	12.742	0.050
55	58	12.312	12.327	0.015
55	59	12.713	12.621	-0.092
100	60	12.437	12.245	-0.192
100	61	12.265	12.289	0.024
100	62	12.778	12.851	0.073
100	63	12.326	12.319	-0.007
100	64	12.283	12.305	0.022
105	65	12.525	12.522	-0.003
105	66	12.794	12.772	-0.022
105	67	12.589	12.617	0.028
105	68	12.509	12.539	0.030
105	69	12.626	12.770	0.144
	Max	12.819	12.851	0.144
	Average	12.501	12.495	-0.006
	Min	12.194	12.214	-0.192
	Std Dev	0.168	0.167	0.058



	5.68_tdly_Res619K_EN4										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.375	12.267	12.391	12.214	12.326	12.249	12.404	12.217	12.305	12.245	12.522
Average	12.433	12.478	12.481	12.466	12.509	12.457	12.536	12.524	12.495	12.402	12.644
Max	12.479	12.662	12.681	12.618	12.823	12.608	12.664	12.776	12.742	12.851	12.772
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

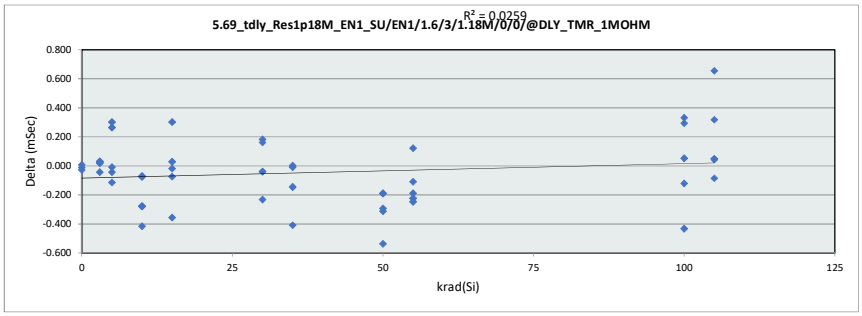


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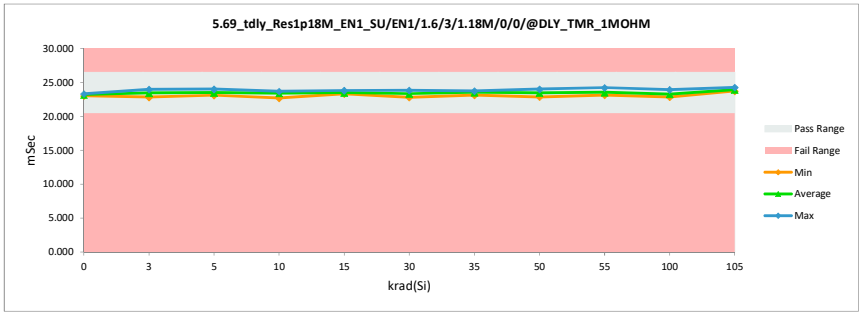
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.69_tdly_Res1p18M_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.306	23.280	-0.026
0	14	23.347	23.337	-0.010
0	15	23.043	23.053	0.010
3	20	23.548	23.579	0.031
3	21	23.967	23.993	0.026
3	22	23.517	23.551	0.034
3	23	22.897	22.856	-0.041
3	24	23.338	23.358	0.020
5	25	23.518	23.407	-0.111
5	26	24.038	24.032	-0.006
5	27	23.149	23.109	-0.040
5	28	23.198	23.503	0.305
5	29	23.196	23.463	0.267
10	30	23.716	23.649	-0.067
10	31	24.087	23.674	-0.413
10	32	23.578	23.505	-0.073
10	33	23.974	23.699	-0.275
10	34	22.987	22.711	-0.276
15	35	23.317	23.347	0.030
15	36	23.361	23.345	-0.016
15	37	23.939	23.586	-0.353
15	38	23.914	23.842	-0.072
15	39	23.149	23.454	0.305
30	40	23.665	23.850	0.185
30	41	23.391	23.161	-0.230
30	42	23.246	23.208	-0.038
30	43	23.806	23.770	-0.036
30	44	22.668	22.832	0.164
35	45	23.785	23.645	-0.140
35	46	24.165	23.759	-0.406
35	47	23.146	23.139	-0.007
35	48	23.690	23.694	0.004
35	49	23.659	23.514	-0.145
50	50	24.237	23.702	-0.535
50	51	23.656	23.366	-0.290
50	52	23.637	23.451	-0.186
50	53	24.217	24.029	-0.188
50	54	23.174	22.864	-0.310
55	55	23.247	23.140	-0.107
55	56	23.487	23.301	-0.186
55	57	24.135	24.259	0.124
55	58	23.373	23.153	-0.220
55	59	24.163	23.919	-0.244
100	60	23.299	22.869	-0.430
100	61	22.850	23.184	0.334
100	62	24.061	23.942	-0.119
100	63	23.158	23.213	0.055
100	64	22.946	23.242	0.296
105	65	23.702	23.754	0.052
105	66	24.182	24.099	-0.083
105	67	23.838	23.883	0.045
105	68	23.413	23.733	0.320
105	69	23.632	24.290	0.658
	Max	24.237	24.290	0.658
	Average	23.542	23.496	-0.046
	Min	22.668	22.711	-0.535
	Std Dev	0.402	0.374	0.224



	5.69_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.053	22.856	23.109	22.711	23.345	22.832	23.139	22.864	23.140	22.869	23.733
Average	23.223	23.467	23.503	23.448	23.515	23.364	23.550	23.482	23.554	23.290	23.952
Max	23.337	23.993	24.032	23.699	23.842	23.850	23.759	24.029	24.259	23.942	24.290
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

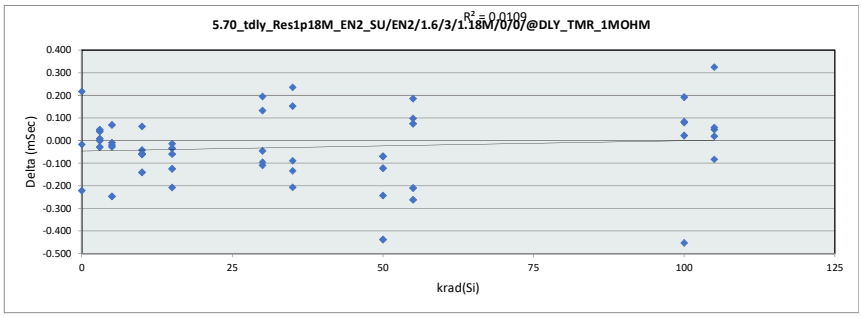


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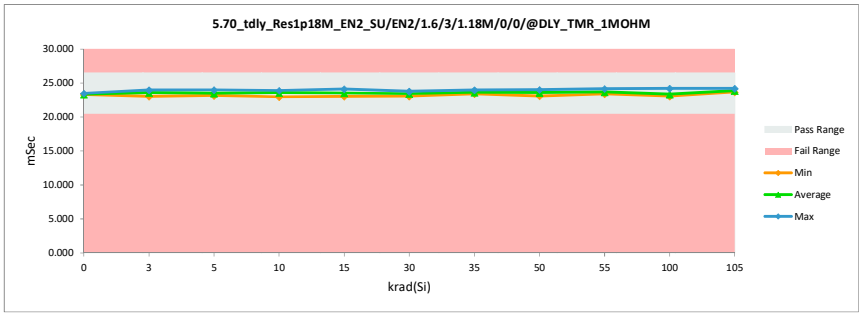
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.70_tdly_Res1p18M_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.512	23.497	-0.015
0	14	23.554	23.334	-0.220
0	15	23.114	23.333	0.219
3	20	23.813	23.863	0.050
3	21	23.981	23.991	0.010
3	22	23.791	23.833	0.042
3	23	23.099	23.072	-0.027
3	24	23.297	23.298	0.001
5	25	23.534	23.605	0.071
5	26	24.036	24.018	-0.018
5	27	23.403	23.377	-0.026
5	28	23.435	23.427	-0.008
5	29	23.436	23.191	-0.245
10	30	23.673	23.633	-0.040
10	31	24.058	23.919	-0.139
10	32	23.577	23.521	-0.056
10	33	23.979	23.920	-0.059
10	34	22.918	22.982	0.064
15	35	23.276	23.070	-0.206
15	36	23.320	23.287	-0.033
15	37	23.958	23.835	-0.123
15	38	24.206	24.148	-0.058
15	39	23.402	23.390	-0.012
30	40	23.896	23.788	-0.108
30	41	23.317	23.223	-0.094
30	42	23.273	23.470	0.197
30	43	23.752	23.708	-0.044
30	44	22.946	23.080	0.134
35	45	23.722	23.635	-0.087
35	46	24.116	23.984	-0.132
35	47	23.183	23.420	0.237
35	48	23.653	23.448	-0.205
35	49	23.633	23.787	0.154
50	50	24.170	23.929	-0.241
50	51	23.639	23.572	-0.067
50	52	23.879	23.443	-0.436
50	53	24.155	24.035	-0.120
50	54	23.172	23.103	-0.069
55	55	23.223	23.410	0.187
55	56	23.777	23.517	-0.260
55	57	24.100	24.200	0.100
55	58	23.329	23.405	0.076
55	59	24.147	23.939	-0.208
100	60	23.544	23.093	-0.451
100	61	23.087	23.173	0.086
100	62	24.050	24.244	0.194
100	63	23.168	23.192	0.024
100	64	23.145	23.226	0.081
105	65	23.673	23.694	0.021
105	66	24.137	24.056	-0.081
105	67	23.773	23.824	0.051
105	68	23.626	23.686	0.060
105	69	23.887	24.213	0.326
	Max	24.206	24.244	0.326
	Average	23.614	23.586	-0.028
	Min	22.918	22.982	-0.451
	Std Dev	0.361	0.346	0.155



	5.70_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.333	23.072	23.191	22.982	23.070	23.080	23.420	23.103	23.405	23.093	23.686
Average	23.388	23.611	23.524	23.595	23.546	23.454	23.655	23.616	23.694	23.386	23.895
Max	23.497	23.991	24.018	23.920	24.148	23.788	23.984	24.035	24.200	24.244	24.213
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

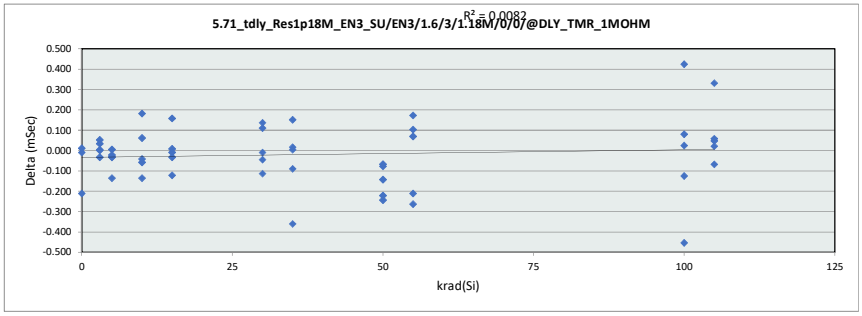


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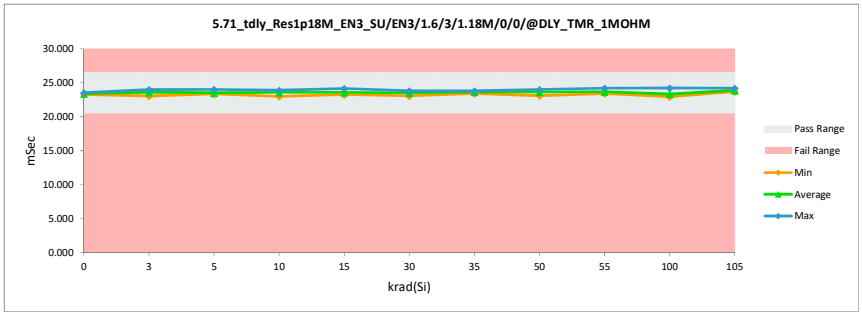
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.71_tdly_Res1p18M_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.513	23.304	-0.209
0	14	23.555	23.547	-0.008
0	15	23.323	23.336	0.013
3	20	23.813	23.867	0.054
3	21	23.986	23.992	0.006
3	22	23.793	23.828	0.035
3	23	23.102	23.071	-0.031
3	24	23.297	23.300	0.003
5	25	23.537	23.403	-0.134
5	26	24.041	24.009	-0.032
5	27	23.404	23.384	-0.020
5	28	23.420	23.427	0.007
5	29	23.440	23.411	-0.029
10	30	23.673	23.633	-0.040
10	31	24.056	23.922	-0.134
10	32	23.342	23.525	0.183
10	33	23.979	23.923	-0.056
10	34	22.920	22.983	0.063
15	35	23.276	23.286	0.010
15	36	23.323	23.292	-0.031
15	37	23.957	23.837	-0.120
15	38	23.990	24.150	0.160
15	39	23.402	23.395	-0.007
30	40	23.901	23.789	-0.112
30	41	23.314	23.426	0.112
30	42	23.486	23.478	-0.008
30	43	23.753	23.710	-0.043
30	44	22.946	23.084	0.138
35	45	23.724	23.636	-0.088
35	46	24.130	23.771	-0.359
35	47	23.404	23.422	0.018
35	48	23.652	23.658	0.006
35	49	23.635	23.788	0.153
50	50	24.171	23.929	-0.242
50	51	23.640	23.564	-0.076
50	52	23.875	23.655	-0.220
50	53	24.156	24.015	-0.141
50	54	23.173	23.108	-0.065
55	55	23.229	23.403	0.174
55	56	23.778	23.517	-0.261
55	57	24.099	24.204	0.105
55	58	23.336	23.407	0.071
55	59	24.150	23.941	-0.209
100	60	23.544	23.092	-0.452
100	61	23.090	22.967	-0.123
100	62	23.817	24.243	0.426
100	63	23.169	23.195	0.026
100	64	23.144	23.226	0.082
105	65	23.673	23.696	0.023
105	66	24.142	24.076	-0.066
105	67	23.773	23.822	0.049
105	68	23.627	23.687	0.060
105	69	23.888	24.221	0.333
	Max	24.171	24.243	0.426
	Average	23.614	23.595	-0.019
	Min	22.920	22.967	-0.452
	Std Dev	0.343	0.337	0.151



	5.71_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.304	23.071	23.384	22.983	23.286	23.084	23.422	23.108	23.403	22.967	23.687
Average	23.396	23.612	23.527	23.597	23.592	23.497	23.655	23.654	23.694	23.345	23.900
Max	23.547	23.992	24.009	23.923	24.150	23.789	23.788	24.015	24.204	24.243	24.221
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

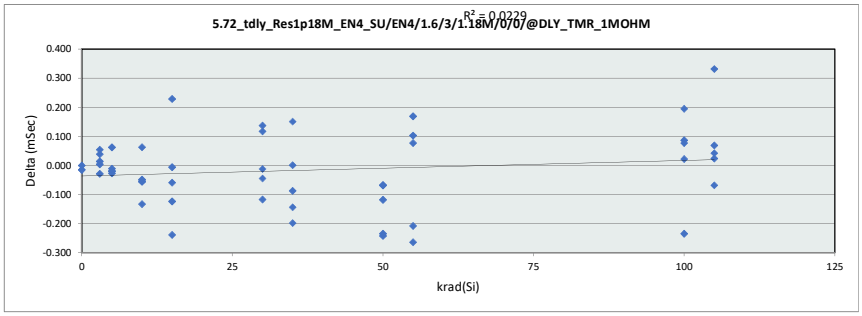


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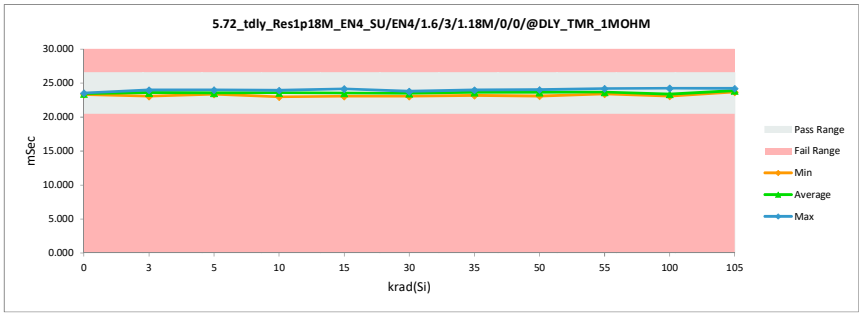
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.72_tdly_Res1p18M_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.513	23.499	-0.014
0	14	23.558	23.544	-0.014
0	15	23.337	23.338	0.001
3	20	23.815	23.870	0.055
3	21	23.987	23.992	0.005
3	22	23.794	23.834	0.040
3	23	23.104	23.076	-0.028
3	24	23.285	23.300	0.015
5	25	23.540	23.603	0.063
5	26	24.041	24.023	-0.018
5	27	23.405	23.385	-0.020
5	28	23.439	23.429	-0.010
5	29	23.442	23.416	-0.026
10	30	23.673	23.625	-0.048
10	31	24.059	23.927	-0.132
10	32	23.580	23.527	-0.053
10	33	23.980	23.925	-0.055
10	34	22.923	22.987	0.064
15	35	23.058	23.288	0.230
15	36	23.315	23.077	-0.238
15	37	23.961	23.838	-0.123
15	38	24.208	24.150	-0.058
15	39	23.404	23.399	-0.005
30	40	23.903	23.787	-0.116
30	41	23.308	23.426	0.118
30	42	23.488	23.477	-0.011
30	43	23.755	23.711	-0.044
30	44	22.948	23.086	0.138
35	45	23.726	23.640	-0.086
35	46	24.132	23.989	-0.143
35	47	23.408	23.211	-0.197
35	48	23.656	23.658	0.002
35	49	23.638	23.790	0.152
50	50	24.172	23.931	-0.241
50	51	23.640	23.574	-0.066
50	52	23.880	23.646	-0.234
50	53	24.152	24.035	-0.117
50	54	23.175	23.107	-0.068
55	55	23.231	23.401	0.170
55	56	23.779	23.516	-0.263
55	57	24.103	24.207	0.104
55	58	23.330	23.408	0.078
55	59	24.150	23.943	-0.207
100	60	23.331	23.097	-0.234
100	61	23.089	23.177	0.088
100	62	24.053	24.249	0.196
100	63	23.173	23.196	0.023
100	64	23.149	23.227	0.078
105	65	23.673	23.698	0.025
105	66	24.146	24.079	-0.067
105	67	23.776	23.819	0.043
105	68	23.625	23.695	0.070
105	69	23.890	24.223	0.333
	Max	24.208	24.249	0.333
	Average	23.621	23.605	-0.016
	Min	22.923	22.987	-0.263
	Std Dev	0.358	0.341	0.125



	5.72_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.338	23.076	23.385	22.987	23.077	23.086	23.211	23.107	23.401	23.097	23.695
Average	23.460	23.614	23.571	23.598	23.550	23.497	23.658	23.659	23.695	23.389	23.903
Max	23.544	23.992	24.023	23.927	24.150	23.787	23.989	24.035	24.207	24.249	24.223
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

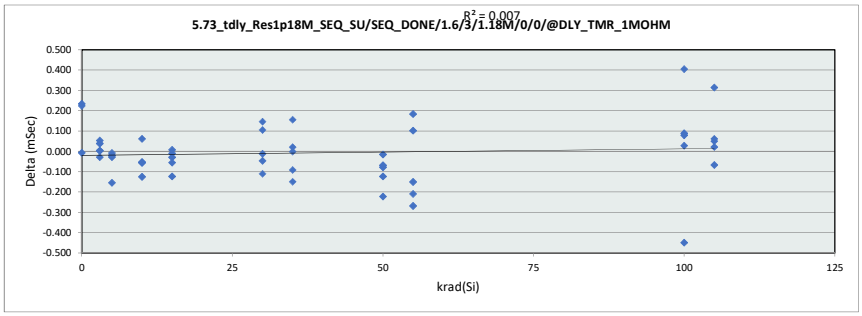


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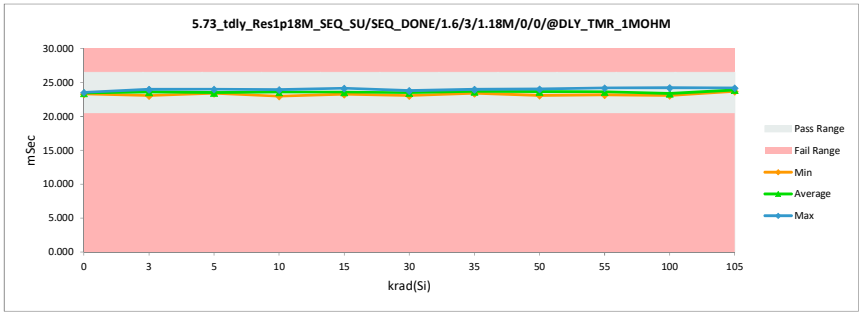
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.73_tdly_Res1p18M_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.515	23.509	-0.006
0	14	23.326	23.551	0.225
0	15	23.102	23.337	0.235
3	20	23.816	23.871	0.055
3	21	23.987	23.991	0.004
3	22	23.796	23.836	0.040
3	23	23.104	23.077	-0.027
3	24	23.297	23.302	0.005
5	25	23.541	23.388	-0.153
5	26	24.035	24.014	-0.021
5	27	23.405	23.388	-0.017
5	28	23.437	23.430	-0.007
5	29	23.440	23.413	-0.027
10	30	23.675	23.621	-0.054
10	31	24.052	23.928	-0.124
10	32	23.579	23.528	-0.051
10	33	23.980	23.925	-0.055
10	34	22.923	22.986	0.063
15	35	23.279	23.288	0.009
15	36	23.324	23.296	-0.028
15	37	23.961	23.839	-0.122
15	38	24.208	24.154	-0.054
15	39	23.404	23.396	-0.008
30	40	23.903	23.794	-0.109
30	41	23.323	23.429	0.106
30	42	23.490	23.479	-0.011
30	43	23.757	23.712	-0.045
30	44	22.942	23.089	0.147
35	45	23.725	23.635	-0.090
35	46	24.134	23.986	-0.148
35	47	23.404	23.426	0.022
35	48	23.658	23.658	0.000
35	49	23.636	23.793	0.157
50	50	23.944	23.930	-0.014
50	51	23.643	23.566	-0.077
50	52	23.882	23.661	-0.221
50	53	24.157	24.035	-0.122
50	54	23.176	23.109	-0.067
55	55	23.229	23.414	0.185
55	56	23.780	23.513	-0.267
55	57	24.102	24.205	0.103
55	58	23.335	23.186	-0.149
55	59	24.151	23.943	-0.208
100	60	23.548	23.100	-0.448
100	61	23.091	23.181	0.090
100	62	23.827	24.233	0.406
100	63	23.168	23.197	0.029
100	64	23.149	23.230	0.081
105	65	23.676	23.699	0.023
105	66	24.146	24.080	-0.066
105	67	23.778	23.829	0.051
105	68	23.630	23.693	0.063
105	69	23.894	24.209	0.315
	Max	24.208	24.233	0.406
	Average	23.613	23.605	-0.007
	Min	22.923	22.986	-0.448
	Std Dev	0.348	0.336	0.141



	5.73_tdly_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.337	23.077	23.388	22.986	23.288	23.089	23.426	23.109	23.186	23.100	23.693
Average	23.466	23.615	23.527	23.598	23.595	23.501	23.700	23.660	23.652	23.388	23.902
Max	23.551	23.991	24.014	23.928	24.154	23.794	23.986	24.035	24.205	24.233	24.209
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

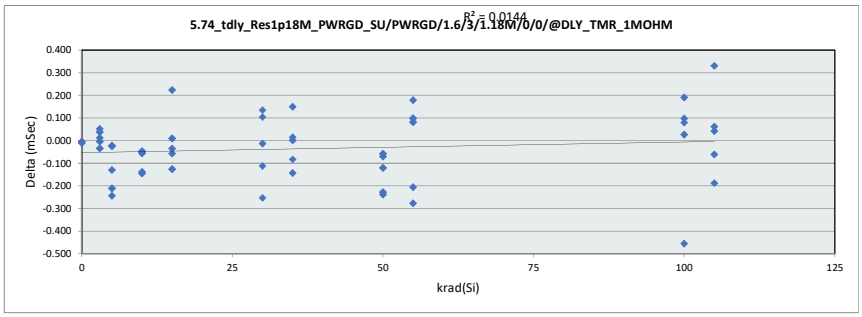


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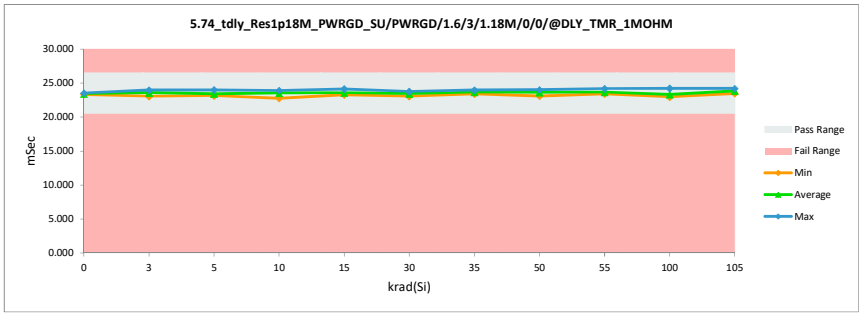
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.74_tdly_Res1p18M_PWR	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.512	23.502	-0.010
0	14	23.553	23.547	-0.006
0	15	23.334	23.331	-0.003
3	20	23.813	23.866	0.053
3	21	23.985	23.982	-0.003
3	22	23.794	23.833	0.039
3	23	23.101	23.068	-0.033
3	24	23.284	23.297	0.013
5	25	23.536	23.407	-0.129
5	26	24.037	24.016	-0.021
5	27	23.403	23.160	-0.243
5	28	23.434	23.224	-0.210
5	29	23.436	23.412	-0.024
10	30	23.672	23.626	-0.046
10	31	24.054	23.910	-0.144
10	32	23.576	23.524	-0.052
10	33	23.977	23.922	-0.055
10	34	22.919	22.782	-0.137
15	35	23.274	23.285	0.011
15	36	23.319	23.285	-0.034
15	37	23.959	23.834	-0.125
15	38	24.203	24.147	-0.056
15	39	23.169	23.394	0.225
30	40	23.899	23.788	-0.111
30	41	23.318	23.423	0.105
30	42	23.487	23.475	-0.012
30	43	23.752	23.500	-0.252
30	44	22.947	23.083	0.136
35	45	23.714	23.632	-0.082
35	46	24.127	23.985	-0.142
35	47	23.404	23.420	0.016
35	48	23.654	23.656	0.002
35	49	23.635	23.786	0.151
50	50	24.160	23.922	-0.238
50	51	23.630	23.573	-0.057
50	52	23.878	23.651	-0.227
50	53	24.149	24.030	-0.119
50	54	23.172	23.103	-0.069
55	55	23.227	23.407	0.180
55	56	23.775	23.499	-0.276
55	57	24.102	24.202	0.100
55	58	23.323	23.406	0.083
55	59	24.146	23.941	-0.205
100	60	23.546	23.092	-0.454
100	61	22.874	22.973	0.099
100	62	24.052	24.244	0.192
100	63	23.167	23.195	0.028
100	64	23.144	23.225	0.081
105	65	23.672	23.485	-0.187
105	66	24.137	24.077	-0.060
105	67	23.774	23.817	0.043
105	68	23.625	23.688	0.063
105	69	23.887	24.219	0.332
	Max	24.203	24.244	0.332
	Average	23.617	23.582	-0.035
	Min	22.874	22.782	-0.454
	Std Dev	0.361	0.353	0.142



	5.74_tdly_Res1p18M_PW										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.331	23.068	23.160	22.782	23.285	23.083	23.420	23.103	23.406	22.973	23.485
Average	23.460	23.609	23.444	23.553	23.589	23.454	23.696	23.656	23.691	23.346	23.857
Max	23.547	23.982	24.016	23.922	24.147	23.788	23.985	24.030	24.202	24.244	24.219
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

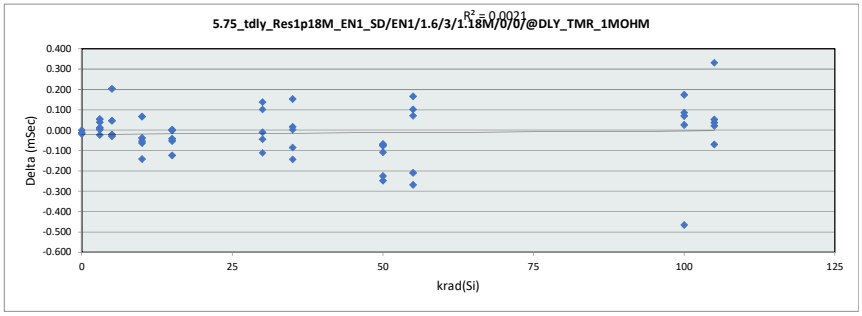


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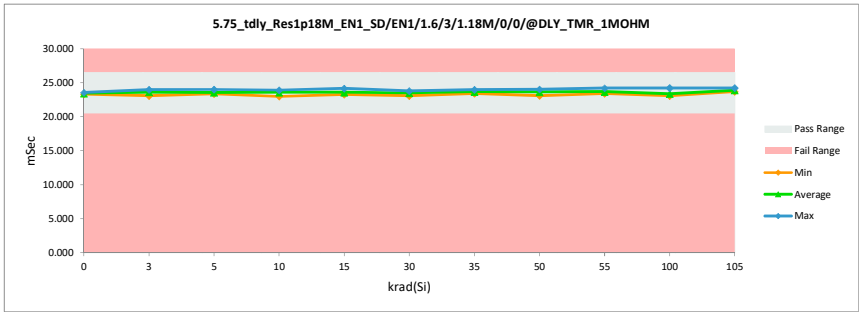
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.75_tdly_Res1p18M_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.523	23.506	-0.017
0	14	23.560	23.561	0.001
0	15	23.347	23.336	-0.011
3	20	23.825	23.881	0.056
3	21	23.989	24.002	0.013
3	22	23.806	23.846	0.040
3	23	23.109	23.087	-0.022
3	24	23.305	23.310	0.005
5	25	23.550	23.598	0.048
5	26	24.051	24.030	-0.021
5	27	23.191	23.396	0.205
5	28	23.448	23.428	-0.020
5	29	23.452	23.424	-0.028
10	30	23.680	23.643	-0.037
10	31	24.066	23.926	-0.140
10	32	23.589	23.537	-0.052
10	33	23.991	23.929	-0.062
10	34	22.924	22.992	0.068
15	35	23.289	23.289	0.000
15	36	23.333	23.292	-0.041
15	37	23.969	23.847	-0.122
15	38	24.214	24.163	-0.051
15	39	23.404	23.408	0.004
30	40	23.913	23.803	-0.110
30	41	23.333	23.436	0.103
30	42	23.498	23.489	-0.009
30	43	23.764	23.721	-0.043
30	44	22.959	23.098	0.139
35	45	23.732	23.648	-0.084
35	46	24.143	24.001	-0.142
35	47	23.416	23.434	0.018
35	48	23.666	23.670	0.004
35	49	23.646	23.801	0.155
50	50	24.183	23.936	-0.247
50	51	23.650	23.575	-0.075
50	52	23.891	23.667	-0.224
50	53	24.155	24.048	-0.107
50	54	23.185	23.118	-0.067
55	55	23.240	23.408	0.168
55	56	23.788	23.521	-0.267
55	57	24.111	24.214	0.103
55	58	23.345	23.417	0.072
55	59	24.160	23.952	-0.208
100	60	23.559	23.095	-0.464
100	61	23.101	23.189	0.088
100	62	24.065	24.240	0.175
100	63	23.180	23.207	0.027
100	64	23.161	23.232	0.071
105	65	23.684	23.706	0.022
105	66	24.155	24.087	-0.068
105	67	23.788	23.827	0.039
105	68	23.640	23.694	0.054
105	69	23.901	24.234	0.333
	Max	24.214	24.240	0.333
	Average	23.634	23.621	-0.014
	Min	22.924	22.992	-0.464
	Std Dev	0.354	0.332	0.129



	5.75_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.336	23.087	23.396	22.992	23.289	23.098	23.434	23.118	23.408	23.095	23.694
Average	23.468	23.625	23.575	23.605	23.600	23.509	23.711	23.669	23.702	23.393	23.910
Max	23.561	24.002	24.030	23.929	24.163	23.803	24.001	24.048	24.214	24.240	24.234
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

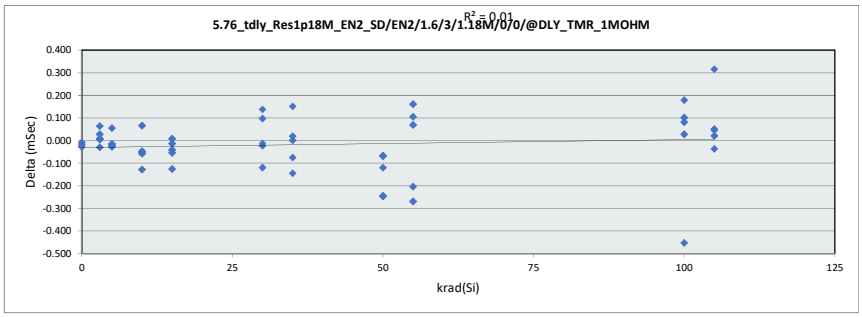


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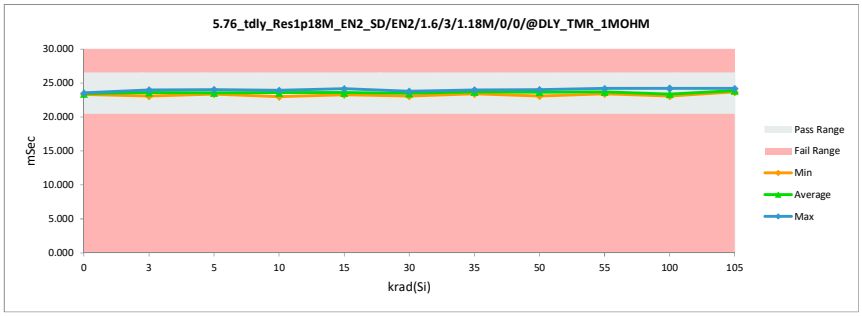
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.76_tdly_Res1p18M_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.523	23.497	-0.026
0	14	23.565	23.557	-0.008
0	15	23.348	23.331	-0.017
3	20	23.815	23.880	0.065
3	21	23.995	24.004	0.009
3	22	23.807	23.836	0.029
3	23	23.113	23.085	-0.028
3	24	23.304	23.310	0.006
5	25	23.548	23.604	0.056
5	26	24.048	24.034	-0.014
5	27	23.415	23.396	-0.019
5	28	23.440	23.426	-0.014
5	29	23.451	23.425	-0.026
10	30	23.681	23.635	-0.046
10	31	24.065	23.938	-0.127
10	32	23.587	23.537	-0.050
10	33	23.991	23.934	-0.057
10	34	22.929	22.996	0.067
15	35	23.288	23.297	0.009
15	36	23.329	23.289	-0.040
15	37	23.970	23.845	-0.125
15	38	24.215	24.162	-0.053
15	39	23.413	23.401	-0.012
30	40	23.914	23.796	-0.118
30	41	23.331	23.429	0.098
30	42	23.498	23.487	-0.011
30	43	23.745	23.723	-0.022
30	44	22.958	23.097	0.139
35	45	23.725	23.651	-0.074
35	46	24.142	23.999	-0.143
35	47	23.418	23.438	0.020
35	48	23.668	23.670	0.002
35	49	23.646	23.799	0.153
50	50	24.184	23.939	-0.245
50	51	23.649	23.584	-0.065
50	52	23.892	23.649	-0.243
50	53	24.166	24.047	-0.119
50	54	23.186	23.119	-0.067
55	55	23.239	23.401	0.162
55	56	23.786	23.518	-0.268
55	57	24.110	24.216	0.106
55	58	23.348	23.418	0.070
55	59	24.157	23.954	-0.203
100	60	23.559	23.108	-0.451
100	61	23.084	23.187	0.103
100	62	24.064	24.244	0.180
100	63	23.180	23.209	0.029
100	64	23.157	23.240	0.083
105	65	23.685	23.707	0.022
105	66	24.124	24.088	-0.036
105	67	23.789	23.842	0.053
105	68	23.639	23.686	0.047
105	69	23.899	24.216	0.317
	Max	24.215	24.244	0.317
	Average	23.637	23.620	-0.017
	Min	22.929	22.996	-0.451
	Std Dev	0.349	0.332	0.124



	5.76_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.331	23.085	23.396	22.996	23.289	23.097	23.438	23.119	23.401	23.108	23.686
Average	23.462	23.623	23.577	23.608	23.599	23.506	23.711	23.668	23.701	23.398	23.908
Max	23.557	24.004	24.034	23.938	24.162	23.796	23.999	24.047	24.216	24.244	24.216
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

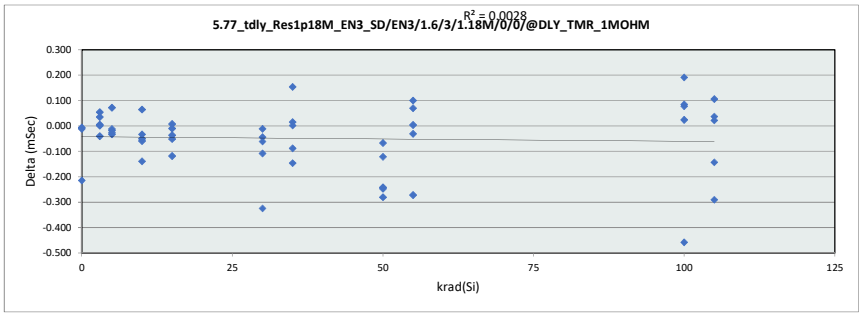


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

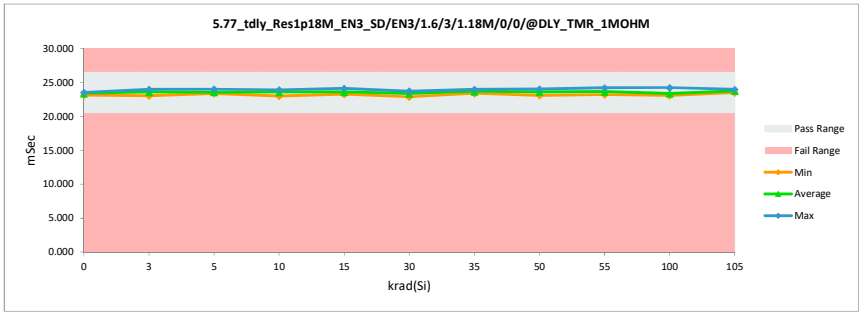
	5.77_tdly_Res1p18M_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.518	23.508	-0.010
0	14	23.557	23.552	-0.005
0	15	23.341	23.128	-0.213
3	20	23.818	23.873	0.055
3	21	23.990	23.996	0.006
3	22	23.801	23.837	0.036
3	23	23.103	23.064	-0.039
3	24	23.299	23.301	0.002
5	25	23.541	23.614	0.073
5	26	24.044	24.012	-0.032
5	27	23.407	23.390	-0.017
5	28	23.441	23.430	-0.011
5	29	23.443	23.417	-0.026
10	30	23.668	23.636	-0.032
10	31	24.064	23.926	-0.138
10	32	23.581	23.532	-0.049
10	33	23.984	23.926	-0.058
10	34	22.922	22.988	0.066
15	35	23.282	23.291	0.009
15	36	23.324	23.289	-0.035
15	37	23.958	23.841	-0.117
15	38	24.205	24.155	-0.050
15	39	23.405	23.396	-0.009
30	40	23.904	23.581	-0.323
30	41	23.325	23.218	-0.107
30	42	23.491	23.481	-0.010
30	43	23.759	23.716	-0.043
30	44	22.952	22.892	-0.060
35	45	23.726	23.639	-0.087
35	46	24.136	23.991	-0.145
35	47	23.411	23.414	0.003
35	48	23.643	23.660	0.017
35	49	23.637	23.792	0.155
50	50	24.178	23.932	-0.246
50	51	23.642	23.363	-0.279
50	52	23.885	23.644	-0.241
50	53	24.156	24.036	-0.120
50	54	23.179	23.113	-0.066
55	55	23.231	23.201	-0.030
55	56	23.782	23.511	-0.271
55	57	24.106	24.207	0.101
55	58	23.340	23.411	0.071
55	59	23.932	23.937	0.005
100	60	23.554	23.097	-0.457
100	61	23.096	23.182	0.086
100	62	24.057	24.249	0.192
100	63	23.176	23.201	0.025
100	64	23.152	23.231	0.079
105	65	23.679	23.702	0.023
105	66	24.149	23.860	-0.289
105	67	23.781	23.819	0.038
105	68	23.634	23.492	-0.142
105	69	23.893	24.000	0.107
	Max	24.205	24.249	0.192
	Average	23.628	23.579	-0.049
	Min	22.922	22.892	-0.457
	Std Dev	0.345	0.339	0.127



	5.77_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.128	23.064	23.390	22.988	23.289	22.892	23.414	23.113	23.201	23.097	23.492
Average	23.396	23.614	23.573	23.602	23.594	23.378	23.699	23.618	23.653	23.392	23.775
Max	23.552	23.996	24.012	23.926	24.155	23.716	23.991	24.036	24.207	24.249	24.000
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

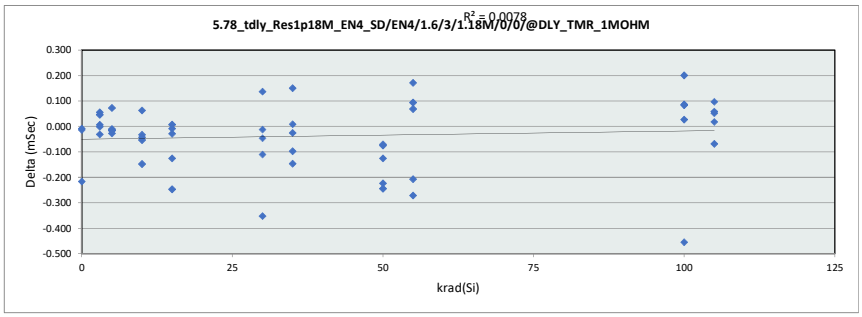


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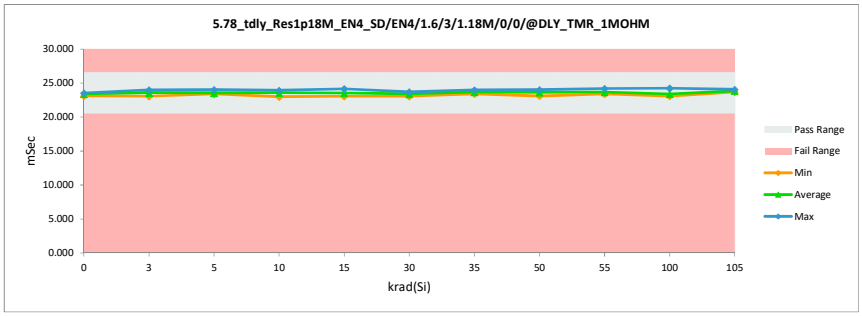
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.78_tdly_Res1p18M_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.521	23.514	-0.007
0	14	23.563	23.551	-0.012
0	15	23.346	23.131	-0.215
3	20	23.823	23.880	0.057
3	21	23.994	24.002	0.008
3	22	23.799	23.846	0.047
3	23	23.114	23.084	-0.030
3	24	23.304	23.304	0.000
5	25	23.547	23.621	0.074
5	26	24.051	24.037	-0.014
5	27	23.407	23.393	-0.014
5	28	23.446	23.437	-0.009
5	29	23.450	23.424	-0.026
10	30	23.679	23.638	-0.041
10	31	24.063	23.917	-0.146
10	32	23.588	23.536	-0.052
10	33	23.966	23.935	-0.031
10	34	22.928	22.992	0.064
15	35	23.286	23.295	0.009
15	36	23.332	23.086	-0.246
15	37	23.970	23.846	-0.124
15	38	24.188	24.161	-0.027
15	39	23.412	23.405	-0.007
30	40	23.914	23.563	-0.351
30	41	23.330	23.221	-0.109
30	42	23.498	23.487	-0.011
30	43	23.765	23.720	-0.045
30	44	22.956	23.094	0.138
35	45	23.733	23.637	-0.096
35	46	24.141	23.996	-0.145
35	47	23.416	23.426	0.010
35	48	23.665	23.641	-0.024
35	49	23.644	23.796	0.152
50	50	24.181	23.938	-0.243
50	51	23.638	23.564	-0.074
50	52	23.888	23.666	-0.222
50	53	24.161	24.037	-0.124
50	54	23.183	23.114	-0.069
55	55	23.232	23.405	0.173
55	56	23.788	23.518	-0.270
55	57	24.112	24.207	0.095
55	58	23.347	23.417	0.070
55	59	24.158	23.952	-0.206
100	60	23.558	23.104	-0.454
100	61	23.099	23.187	0.088
100	62	24.054	24.256	0.202
100	63	23.180	23.208	0.028
100	64	23.153	23.238	0.085
105	65	23.685	23.704	0.019
105	66	24.156	24.089	-0.067
105	67	23.787	23.840	0.053
105	68	23.639	23.699	0.060
105	69	23.899	23.997	0.098
	Max	24.188	24.256	0.202
	Average	23.637	23.599	-0.037
	Min	22.928	22.992	-0.454
	Std Dev	0.349	0.337	0.130



	5.78_tdly_Res1p18M_EN										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.131	23.084	23.393	22.992	23.086	23.094	23.426	23.114	23.405	23.104	23.699
Average	23.399	23.623	23.582	23.604	23.559	23.417	23.699	23.664	23.700	23.399	23.866
Max	23.551	24.002	24.037	23.935	24.161	23.720	23.996	24.037	24.207	24.256	24.089
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

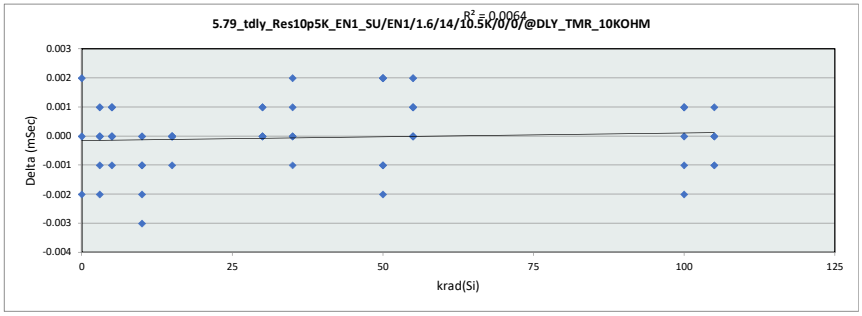


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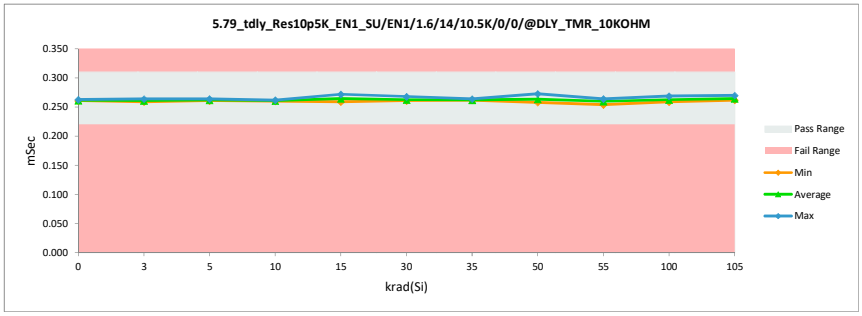
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.79_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.261	0.000
0	14	0.261	0.263	0.002
0	15	0.263	0.261	-0.002
3	20	0.261	0.261	0.000
3	21	0.263	0.264	0.001
3	22	0.264	0.262	-0.002
3	23	0.261	0.260	-0.001
3	24	0.259	0.259	0.000
5	25	0.263	0.264	0.001
5	26	0.262	0.262	0.000
5	27	0.261	0.262	0.001
5	28	0.262	0.261	-0.001
5	29	0.261	0.261	0.000
10	30	0.263	0.261	-0.002
10	31	0.261	0.261	0.000
10	32	0.261	0.260	-0.001
10	33	0.265	0.262	-0.003
10	34	0.262	0.261	-0.001
15	35	0.260	0.259	-0.001
15	36	0.260	0.260	0.000
15	37	0.269	0.269	0.000
15	38	0.272	0.272	0.000
15	39	0.263	0.263	0.000
30	40	0.262	0.262	0.000
30	41	0.260	0.261	0.001
30	42	0.261	0.262	0.001
30	43	0.268	0.268	0.000
30	44	0.261	0.261	0.000
35	45	0.264	0.264	0.000
35	46	0.261	0.262	0.001
35	47	0.263	0.262	-0.001
35	48	0.262	0.262	0.000
35	49	0.260	0.262	0.002
50	50	0.264	0.262	-0.002
50	51	0.262	0.261	-0.001
50	52	0.261	0.263	0.002
50	53	0.271	0.273	0.002
50	54	0.259	0.258	-0.001
55	55	0.254	0.254	0.000
55	56	0.264	0.264	0.000
55	57	0.262	0.263	0.001
55	58	0.255	0.257	0.002
55	59	0.261	0.262	0.001
100	60	0.260	0.259	-0.001
100	61	0.261	0.262	0.001
100	62	0.271	0.269	-0.002
100	63	0.262	0.263	0.001
100	64	0.261	0.261	0.000
105	65	0.262	0.262	0.000
105	66	0.270	0.270	0.000
105	67	0.266	0.265	-0.001
105	68	0.263	0.264	0.001
105	69	0.263	0.262	-0.001
	Max	0.272	0.273	0.002
	Average	0.262	0.262	0.000
	Min	0.254	0.254	-0.003
	Std Dev	0.003	0.003	0.001



	5.79_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.261	0.260	0.259	0.261	0.262	0.258	0.254	0.259	0.262
Average	0.262	0.261	0.262	0.261	0.265	0.263	0.262	0.263	0.260	0.263	0.265
Max	0.263	0.264	0.264	0.262	0.272	0.268	0.264	0.273	0.264	0.269	0.270
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

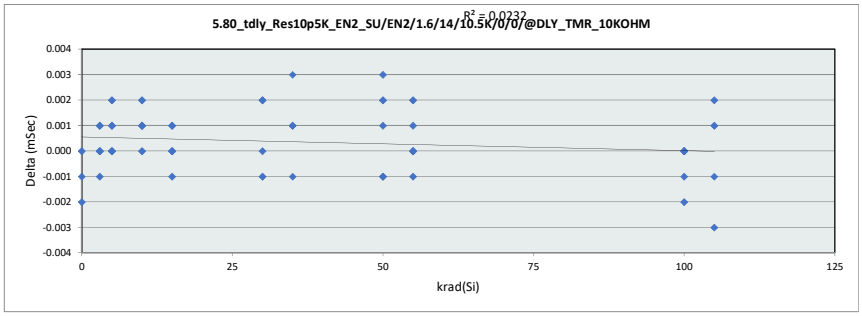


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

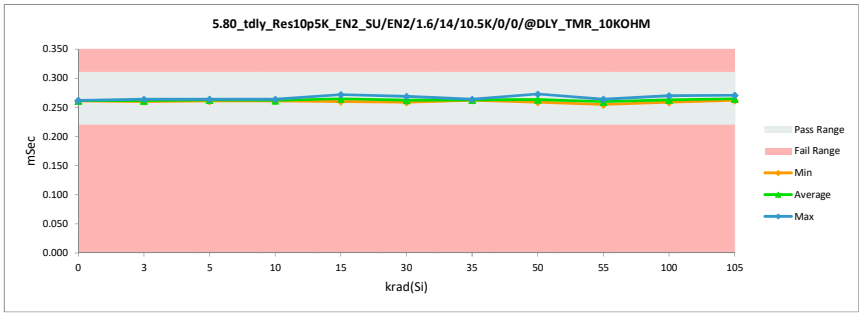
	5.80_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.263	0.261	-0.002
0	14	0.263	0.262	-0.001
0	15	0.262	0.262	0.000
3	20	0.261	0.260	-0.001
3	21	0.264	0.264	0.000
3	22	0.263	0.264	0.001
3	23	0.261	0.261	0.000
3	24	0.259	0.260	0.001
5	25	0.264	0.264	0.000
5	26	0.262	0.263	0.001
5	27	0.262	0.263	0.001
5	28	0.261	0.261	0.000
5	29	0.261	0.263	0.002
10	30	0.261	0.261	0.000
10	31	0.260	0.261	0.001
10	32	0.260	0.262	0.002
10	33	0.263	0.264	0.001
10	34	0.261	0.262	0.001
15	35	0.261	0.260	-0.001
15	36	0.259	0.260	0.001
15	37	0.269	0.269	0.000
15	38	0.272	0.272	0.000
15	39	0.262	0.263	0.001
30	40	0.262	0.261	-0.001
30	41	0.259	0.259	0.000
30	42	0.261	0.263	0.002
30	43	0.267	0.269	0.002
30	44	0.261	0.260	-0.001
35	45	0.265	0.264	-0.001
35	46	0.262	0.263	0.001
35	47	0.261	0.262	0.001
35	48	0.261	0.262	0.001
35	49	0.260	0.263	0.003
50	50	0.263	0.262	-0.001
50	51	0.261	0.263	0.002
50	52	0.262	0.261	-0.001
50	53	0.270	0.273	0.003
50	54	0.258	0.259	0.001
55	55	0.253	0.255	0.002
55	56	0.264	0.264	0.000
55	57	0.262	0.263	0.001
55	58	0.255	0.255	0.000
55	59	0.263	0.262	-0.001
100	60	0.261	0.259	-0.002
100	61	0.261	0.261	0.000
100	62	0.271	0.270	-0.001
100	63	0.264	0.264	0.000
100	64	0.261	0.261	0.000
105	65	0.262	0.263	0.001
105	66	0.274	0.271	-0.003
105	67	0.263	0.265	0.002
105	68	0.263	0.262	-0.001
105	69	0.262	0.263	0.001
	Max	0.274	0.273	0.003
	Average	0.262	0.263	0.000
	Min	0.253	0.255	-0.003
	Std Dev	0.004	0.004	0.001



	5.80_tdly_Res10p5K_EN
Test Site	
Tester	
Test Number	
Max Limit	0.31 mSec
Min Limit	0.22 mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.260	0.261	0.261	0.260	0.259	0.262	0.259	0.255	0.259	0.262
Average	0.262	0.262	0.263	0.262	0.265	0.262	0.263	0.264	0.260	0.263	0.265
Max	0.262	0.264	0.264	0.264	0.272	0.269	0.264	0.273	0.264	0.270	0.271
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

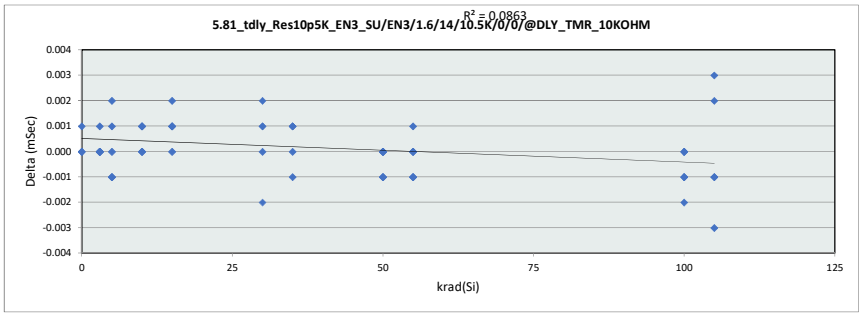


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

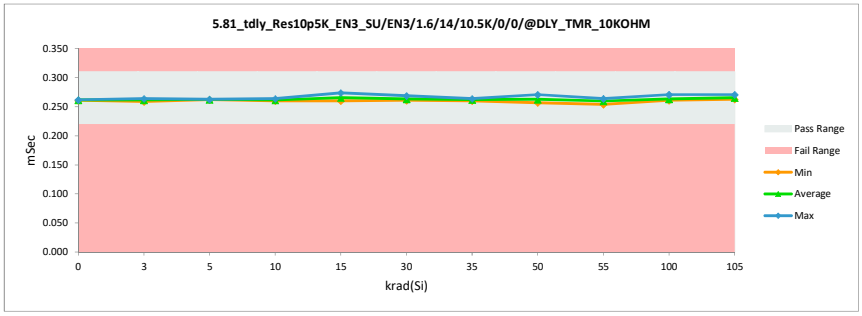
	5.81_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.261	0.000
0	14	0.262	0.262	0.000
0	15	0.261	0.262	0.001
3	20	0.261	0.261	0.000
3	21	0.264	0.264	0.000
3	22	0.263	0.263	0.000
3	23	0.262	0.262	0.000
3	24	0.258	0.259	0.001
5	25	0.263	0.263	0.000
5	26	0.263	0.262	-0.001
5	27	0.261	0.262	0.001
5	28	0.261	0.263	0.002
5	29	0.264	0.263	-0.001
10	30	0.261	0.262	0.001
10	31	0.260	0.260	0.000
10	32	0.260	0.261	0.001
10	33	0.263	0.264	0.001
10	34	0.261	0.261	0.000
15	35	0.261	0.262	0.001
15	36	0.260	0.260	0.000
15	37	0.269	0.270	0.001
15	38	0.272	0.274	0.002
15	39	0.262	0.263	0.001
30	40	0.264	0.262	-0.002
30	41	0.261	0.261	0.000
30	42	0.261	0.263	0.002
30	43	0.268	0.269	0.001
30	44	0.261	0.262	0.001
35	45	0.263	0.264	0.001
35	46	0.262	0.261	-0.001
35	47	0.263	0.263	0.000
35	48	0.263	0.264	0.001
35	49	0.259	0.260	0.001
50	50	0.264	0.263	-0.001
50	51	0.262	0.262	0.000
50	52	0.263	0.262	-0.001
50	53	0.271	0.271	0.000
50	54	0.257	0.257	0.000
55	55	0.254	0.254	0.000
55	56	0.264	0.264	0.000
55	57	0.263	0.264	0.001
55	58	0.256	0.255	-0.001
55	59	0.263	0.262	-0.001
100	60	0.261	0.261	0.000
100	61	0.262	0.262	0.000
100	62	0.272	0.271	-0.001
100	63	0.264	0.263	-0.001
100	64	0.263	0.261	-0.002
105	65	0.264	0.263	-0.001
105	66	0.274	0.271	-0.003
105	67	0.266	0.265	-0.001
105	68	0.262	0.264	0.002
105	69	0.262	0.265	0.003
	Max	0.274	0.274	0.003
	Average	0.263	0.263	0.000
	Min	0.254	0.254	-0.003
	Std Dev	0.004	0.004	0.001



	5.81_tdly_Res10p5K_EN	
Test Site		
Tester		
Test Number		
Max Limit	0.31	mSec
Min Limit	0.22	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.262	0.260	0.260	0.261	0.260	0.257	0.254	0.261	0.263
Average	0.262	0.262	0.263	0.262	0.266	0.263	0.262	0.263	0.260	0.264	0.266
Max	0.262	0.264	0.263	0.264	0.274	0.269	0.264	0.271	0.264	0.271	0.271
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

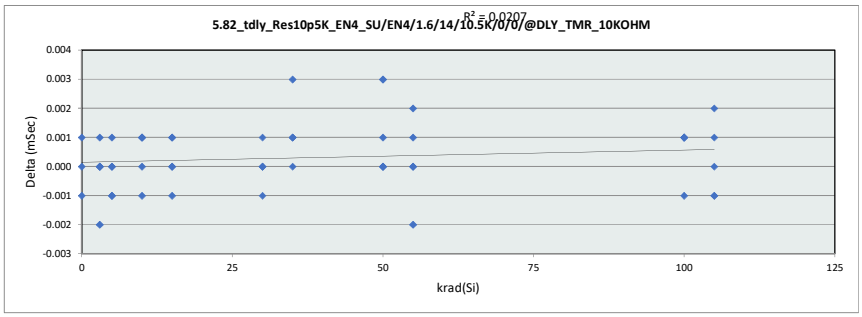


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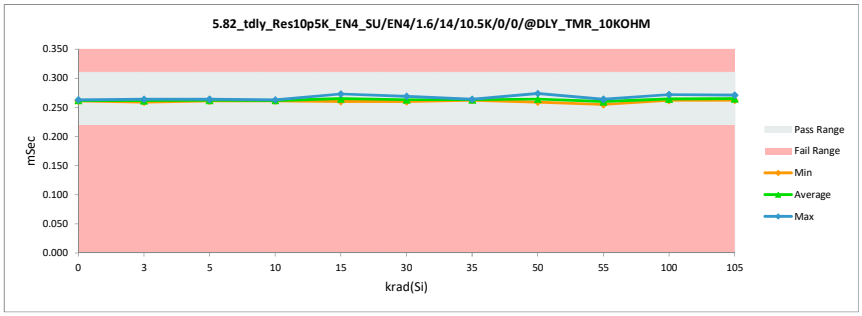
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.82_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.262	0.000
0	14	0.262	0.261	-0.001
0	15	0.262	0.263	0.001
3	20	0.261	0.261	0.000
3	21	0.264	0.262	-0.002
3	22	0.264	0.264	0.000
3	23	0.262	0.263	0.001
3	24	0.259	0.259	0.000
5	25	0.263	0.264	0.001
5	26	0.262	0.261	-0.001
5	27	0.262	0.262	0.000
5	28	0.262	0.262	0.000
5	29	0.263	0.262	-0.001
10	30	0.261	0.262	0.001
10	31	0.260	0.261	0.001
10	32	0.261	0.262	0.001
10	33	0.263	0.263	0.000
10	34	0.263	0.262	-0.001
15	35	0.261	0.260	-0.001
15	36	0.259	0.260	0.001
15	37	0.268	0.269	0.001
15	38	0.273	0.273	0.000
15	39	0.263	0.263	0.000
30	40	0.262	0.263	0.001
30	41	0.260	0.260	0.000
30	42	0.263	0.262	-0.001
30	43	0.269	0.269	0.000
30	44	0.261	0.261	0.000
35	45	0.263	0.264	0.001
35	46	0.262	0.262	0.000
35	47	0.262	0.263	0.001
35	48	0.261	0.264	0.003
35	49	0.261	0.262	0.001
50	50	0.263	0.264	0.001
50	51	0.262	0.262	0.000
50	52	0.262	0.262	0.000
50	53	0.271	0.274	0.003
50	54	0.259	0.259	0.000
55	55	0.253	0.255	0.002
55	56	0.265	0.263	-0.002
55	57	0.264	0.264	0.000
55	58	0.254	0.255	0.001
55	59	0.263	0.263	0.000
100	60	0.261	0.262	0.001
100	61	0.262	0.263	0.001
100	62	0.273	0.272	-0.001
100	63	0.263	0.264	0.001
100	64	0.261	0.262	0.001
105	65	0.263	0.262	-0.001
105	66	0.271	0.271	0.000
105	67	0.266	0.265	-0.001
105	68	0.262	0.264	0.002
105	69	0.262	0.263	0.001
	Max	0.273	0.274	0.003
	Average	0.263	0.263	0.000
	Min	0.253	0.255	-0.002
	Std Dev	0.004	0.004	0.001



	5.82_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.261	0.261	0.260	0.260	0.262	0.259	0.255	0.262	0.262
Average	0.262	0.262	0.262	0.262	0.265	0.263	0.263	0.264	0.260	0.265	0.265
Max	0.263	0.264	0.264	0.263	0.273	0.269	0.264	0.274	0.264	0.272	0.271
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

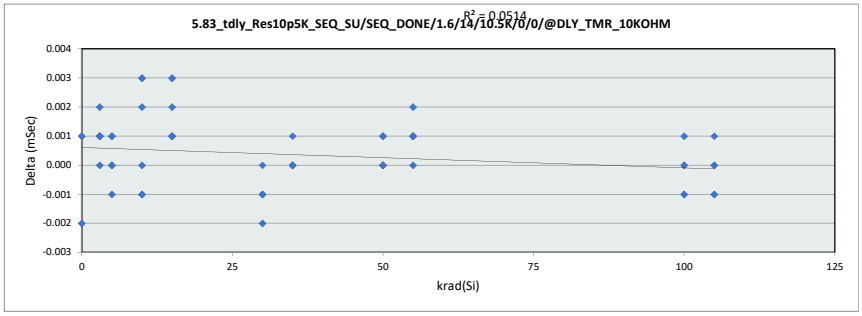


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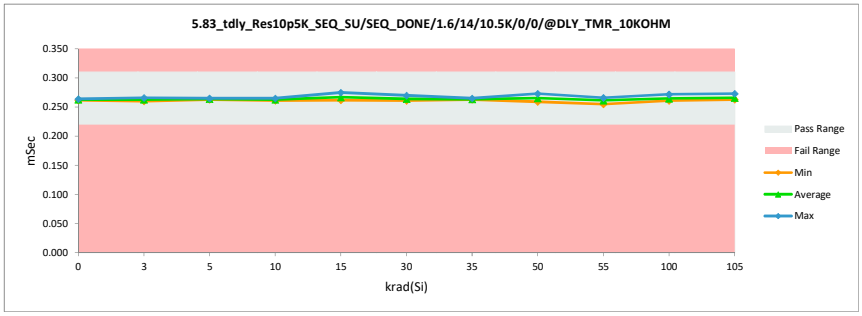
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.83_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.263	0.001
0	14	0.264	0.262	-0.002
0	15	0.263	0.264	0.001
3	20	0.261	0.262	0.001
3	21	0.264	0.266	0.002
3	22	0.264	0.265	0.001
3	23	0.262	0.263	0.001
3	24	0.260	0.260	0.000
5	25	0.265	0.264	-0.001
5	26	0.265	0.265	0.000
5	27	0.263	0.264	0.001
5	28	0.263	0.263	0.000
5	29	0.262	0.263	0.001
10	30	0.261	0.264	0.003
10	31	0.261	0.263	0.002
10	32	0.262	0.261	-0.001
10	33	0.266	0.265	-0.001
10	34	0.263	0.263	0.000
15	35	0.261	0.263	0.002
15	36	0.261	0.262	0.001
15	37	0.270	0.271	0.001
15	38	0.272	0.275	0.003
15	39	0.263	0.264	0.001
30	40	0.266	0.265	-0.001
30	41	0.262	0.262	0.000
30	42	0.264	0.262	-0.002
30	43	0.271	0.270	-0.001
30	44	0.262	0.261	-0.001
35	45	0.265	0.265	0.000
35	46	0.263	0.263	0.000
35	47	0.263	0.263	0.000
35	48	0.263	0.263	0.000
35	49	0.262	0.263	0.001
50	50	0.265	0.265	0.000
50	51	0.265	0.266	0.001
50	52	0.264	0.264	0.000
50	53	0.272	0.273	0.001
50	54	0.259	0.259	0.000
55	55	0.254	0.255	0.001
55	56	0.265	0.266	0.001
55	57	0.264	0.266	0.002
55	58	0.257	0.257	0.000
55	59	0.263	0.264	0.001
100	60	0.262	0.261	-0.001
100	61	0.263	0.263	0.000
100	62	0.273	0.272	-0.001
100	63	0.264	0.264	0.000
100	64	0.263	0.264	0.001
105	65	0.264	0.263	-0.001
105	66	0.272	0.273	0.001
105	67	0.267	0.266	-0.001
105	68	0.264	0.264	0.000
105	69	0.264	0.264	0.000
	Max	0.273	0.275	0.003
	Average	0.264	0.264	0.000
	Min	0.254	0.255	-0.002
	Std Dev	0.004	0.004	0.001



	5.83_tdly_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.260	0.263	0.261	0.262	0.261	0.263	0.259	0.255	0.261	0.263
Average	0.263	0.263	0.264	0.263	0.267	0.264	0.263	0.265	0.262	0.265	0.266
Max	0.264	0.266	0.265	0.265	0.275	0.270	0.265	0.273	0.266	0.272	0.273
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

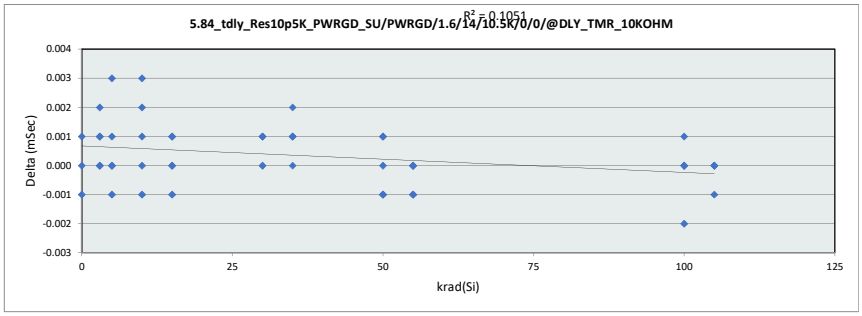


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

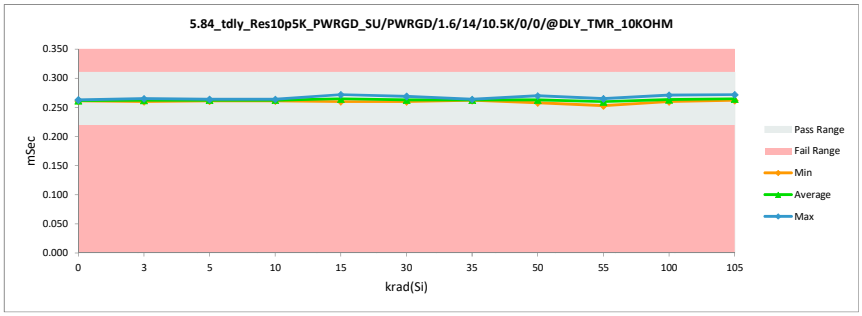
	5.84_tdly_Res10p5K_PWR	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.261	-0.001
0	14	0.261	0.262	0.001
0	15	0.263	0.263	0.000
3	20	0.261	0.261	0.000
3	21	0.264	0.265	0.001
3	22	0.263	0.264	0.001
3	23	0.261	0.261	0.000
3	24	0.258	0.260	0.002
5	25	0.263	0.263	0.000
5	26	0.262	0.263	0.001
5	27	0.262	0.261	-0.001
5	28	0.262	0.262	0.000
5	29	0.261	0.264	0.003
10	30	0.261	0.263	0.002
10	31	0.261	0.261	0.000
10	32	0.261	0.262	0.001
10	33	0.264	0.263	-0.001
10	34	0.261	0.264	0.003
15	35	0.260	0.260	0.000
15	36	0.260	0.261	0.001
15	37	0.270	0.269	-0.001
15	38	0.271	0.272	0.001
15	39	0.262	0.262	0.000
30	40	0.262	0.263	0.001
30	41	0.259	0.260	0.001
30	42	0.262	0.262	0.000
30	43	0.268	0.269	0.001
30	44	0.261	0.261	0.000
35	45	0.263	0.264	0.001
35	46	0.261	0.262	0.001
35	47	0.261	0.263	0.002
35	48	0.262	0.263	0.001
35	49	0.262	0.262	0.000
50	50	0.264	0.263	-0.001
50	51	0.263	0.263	0.000
50	52	0.262	0.261	-0.001
50	53	0.269	0.270	0.001
50	54	0.257	0.258	0.001
55	55	0.254	0.253	-0.001
55	56	0.265	0.265	0.000
55	57	0.263	0.263	0.000
55	58	0.256	0.256	0.000
55	59	0.263	0.262	-0.001
100	60	0.260	0.260	0.000
100	61	0.262	0.262	0.000
100	62	0.273	0.271	-0.002
100	63	0.262	0.262	0.000
100	64	0.260	0.261	0.001
105	65	0.262	0.262	0.000
105	66	0.272	0.272	0.000
105	67	0.264	0.264	0.000
105	68	0.264	0.263	-0.001
105	69	0.263	0.263	0.000
	Max	0.273	0.272	0.003
	Average	0.263	0.263	0.000
	Min	0.254	0.253	-0.002
	Std Dev	0.004	0.003	0.001



	5.84_tdly_Res10p5K_PW	
Test Site		
Tester		
Test Number		
Max Limit	0.31	mSec
Min Limit	0.22	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.260	0.261	0.261	0.260	0.260	0.262	0.258	0.253	0.260	0.262
Average	0.262	0.262	0.263	0.263	0.265	0.263	0.263	0.263	0.260	0.263	0.265
Max	0.263	0.265	0.264	0.264	0.272	0.269	0.264	0.270	0.265	0.271	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

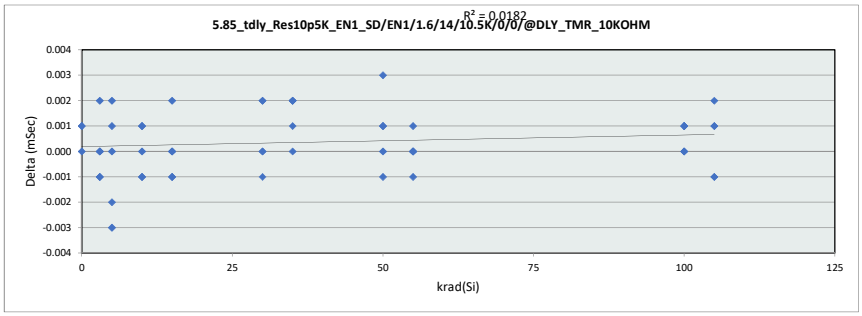


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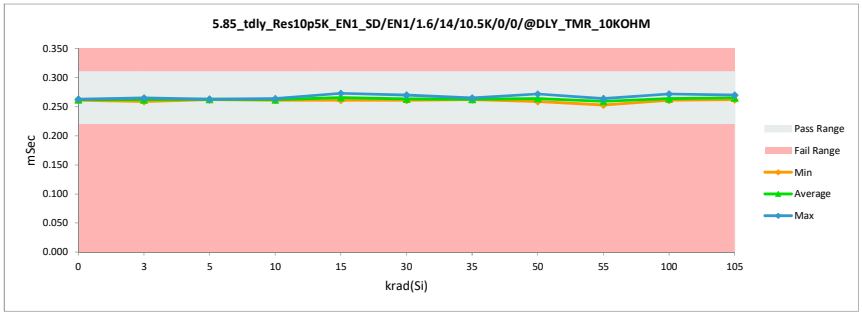
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.85_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.261	0.000
0	14	0.262	0.263	0.001
0	15	0.262	0.263	0.001
3	20	0.262	0.261	-0.001
3	21	0.265	0.265	0.000
3	22	0.263	0.265	0.002
3	23	0.262	0.261	-0.001
3	24	0.259	0.259	0.000
5	25	0.266	0.263	-0.003
5	26	0.264	0.262	-0.002
5	27	0.262	0.263	0.001
5	28	0.261	0.263	0.002
5	29	0.262	0.262	0.000
10	30	0.261	0.262	0.001
10	31	0.261	0.261	0.000
10	32	0.261	0.262	0.001
10	33	0.265	0.264	-0.001
10	34	0.263	0.262	-0.001
15	35	0.261	0.261	0.000
15	36	0.261	0.261	0.000
15	37	0.271	0.273	0.002
15	38	0.273	0.272	-0.001
15	39	0.263	0.262	-0.001
30	40	0.263	0.263	0.000
30	41	0.259	0.261	0.002
30	42	0.262	0.262	0.000
30	43	0.268	0.270	0.002
30	44	0.262	0.261	-0.001
35	45	0.263	0.265	0.002
35	46	0.262	0.262	0.000
35	47	0.261	0.263	0.002
35	48	0.262	0.263	0.001
35	49	0.260	0.262	0.002
50	50	0.264	0.263	-0.001
50	51	0.262	0.263	0.001
50	52	0.261	0.264	0.003
50	53	0.271	0.272	0.001
50	54	0.259	0.259	0.000
55	55	0.253	0.253	0.000
55	56	0.264	0.263	-0.001
55	57	0.263	0.264	0.001
55	58	0.255	0.255	0.000
55	59	0.262	0.262	0.000
100	60	0.261	0.262	0.001
100	61	0.262	0.262	0.000
100	62	0.271	0.272	0.001
100	63	0.261	0.262	0.001
100	64	0.261	0.261	0.000
105	65	0.263	0.262	-0.001
105	66	0.271	0.270	-0.001
105	67	0.265	0.266	0.001
105	68	0.263	0.265	0.002
105	69	0.262	0.263	0.001
	Max	0.273	0.273	0.003
	Average	0.263	0.263	0.000
	Min	0.253	0.253	-0.003
	Std Dev	0.004	0.004	0.001



	5.85_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.262	0.261	0.261	0.261	0.262	0.259	0.253	0.261	0.262
Average	0.262	0.262	0.263	0.262	0.266	0.263	0.263	0.264	0.259	0.264	0.265
Max	0.263	0.265	0.263	0.264	0.273	0.270	0.265	0.272	0.264	0.272	0.270
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

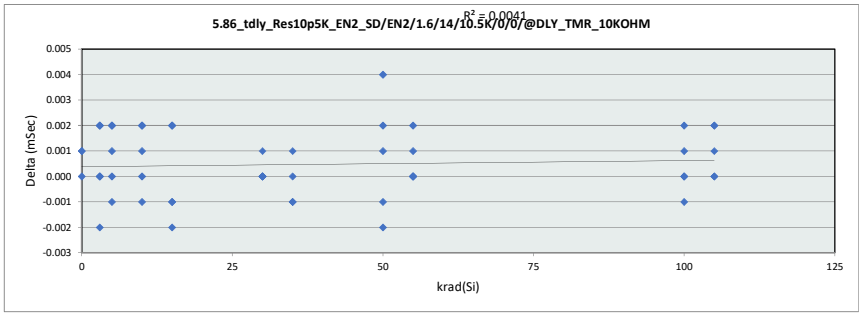


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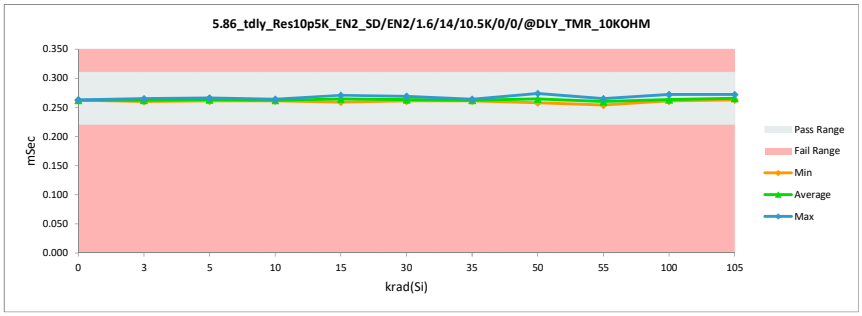
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.86_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.262	0.001
0	14	0.262	0.262	0.000
0	15	0.262	0.263	0.001
3	20	0.260	0.262	0.002
3	21	0.264	0.264	0.000
3	22	0.265	0.265	0.000
3	23	0.263	0.261	-0.002
3	24	0.258	0.260	0.002
5	25	0.264	0.266	0.002
5	26	0.263	0.264	0.001
5	27	0.261	0.263	0.002
5	28	0.261	0.261	0.000
5	29	0.263	0.262	-0.001
10	30	0.260	0.262	0.002
10	31	0.261	0.261	0.000
10	32	0.260	0.261	0.001
10	33	0.264	0.263	-0.001
10	34	0.262	0.264	0.002
15	35	0.260	0.259	-0.001
15	36	0.259	0.261	0.002
15	37	0.268	0.270	0.002
15	38	0.273	0.271	-0.002
15	39	0.263	0.262	-0.001
30	40	0.263	0.264	0.001
30	41	0.261	0.261	0.000
30	42	0.263	0.263	0.000
30	43	0.269	0.269	0.000
30	44	0.261	0.261	0.000
35	45	0.264	0.264	0.000
35	46	0.262	0.263	0.001
35	47	0.263	0.262	-0.001
35	48	0.263	0.262	-0.001
35	49	0.262	0.261	-0.001
50	50	0.264	0.265	0.001
50	51	0.262	0.264	0.002
50	52	0.263	0.262	-0.001
50	53	0.270	0.274	0.004
50	54	0.260	0.258	-0.002
55	55	0.254	0.254	0.000
55	56	0.263	0.264	0.001
55	57	0.263	0.265	0.002
55	58	0.256	0.256	0.000
55	59	0.262	0.262	0.000
100	60	0.260	0.262	0.002
100	61	0.262	0.261	-0.001
100	62	0.271	0.272	0.001
100	63	0.262	0.262	0.000
100	64	0.261	0.261	0.000
105	65	0.262	0.264	0.002
105	66	0.270	0.272	0.002
105	67	0.266	0.266	0.000
105	68	0.262	0.263	0.001
105	69	0.263	0.263	0.000
	Max	0.273	0.274	0.004
	Average	0.263	0.263	0.000
	Min	0.254	0.254	-0.002
	Std Dev	0.003	0.004	0.001



	5.86_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.260	0.261	0.261	0.259	0.261	0.261	0.258	0.254	0.261	0.263
Average	0.262	0.262	0.263	0.262	0.265	0.264	0.262	0.265	0.260	0.264	0.266
Max	0.263	0.265	0.266	0.264	0.271	0.269	0.264	0.274	0.265	0.272	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

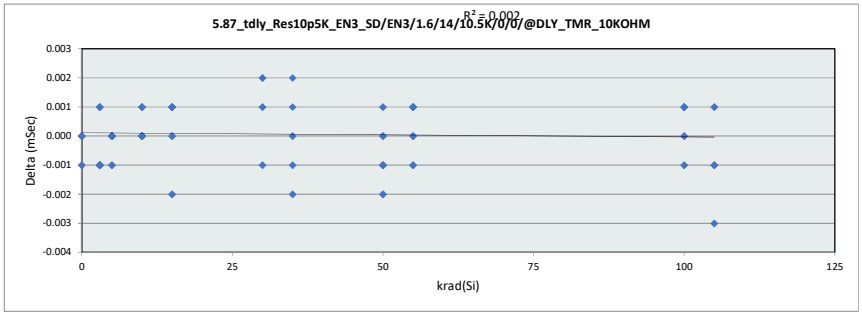


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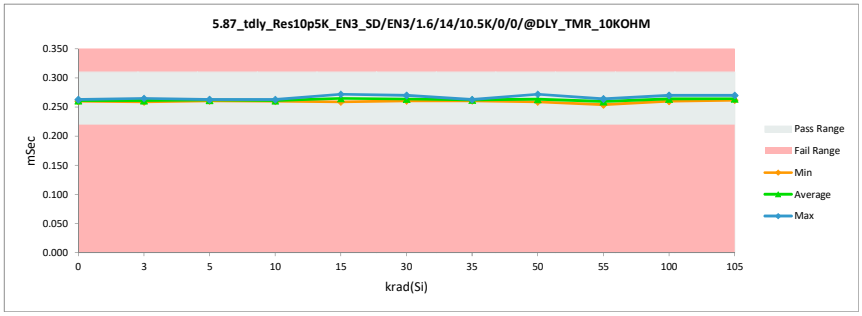
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.87_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.260	-0.001
0	14	0.261	0.261	0.000
0	15	0.263	0.263	0.000
3	20	0.261	0.260	-0.001
3	21	0.264	0.265	0.001
3	22	0.263	0.262	-0.001
3	23	0.262	0.261	-0.001
3	24	0.258	0.259	0.001
5	25	0.263	0.263	0.000
5	26	0.263	0.263	0.000
5	27	0.262	0.261	-0.001
5	28	0.261	0.261	0.000
5	29	0.262	0.262	0.000
10	30	0.260	0.261	0.001
10	31	0.260	0.261	0.001
10	32	0.260	0.260	0.000
10	33	0.263	0.263	0.000
10	34	0.263	0.263	0.000
15	35	0.260	0.261	0.001
15	36	0.261	0.259	-0.002
15	37	0.269	0.270	0.001
15	38	0.272	0.272	0.000
15	39	0.261	0.262	0.001
30	40	0.262	0.264	0.002
30	41	0.260	0.261	0.001
30	42	0.262	0.263	0.001
30	43	0.268	0.270	0.002
30	44	0.262	0.261	-0.001
35	45	0.264	0.263	-0.001
35	46	0.263	0.263	0.000
35	47	0.263	0.261	-0.002
35	48	0.261	0.263	0.002
35	49	0.261	0.262	0.001
50	50	0.265	0.263	-0.002
50	51	0.262	0.261	-0.001
50	52	0.263	0.262	-0.001
50	53	0.271	0.272	0.001
50	54	0.259	0.259	0.000
55	55	0.253	0.254	0.001
55	56	0.264	0.264	0.000
55	57	0.264	0.263	-0.001
55	58	0.254	0.255	0.001
55	59	0.262	0.263	0.001
100	60	0.261	0.260	-0.001
100	61	0.262	0.263	0.001
100	62	0.270	0.270	0.000
100	63	0.263	0.264	0.001
100	64	0.262	0.263	0.001
105	65	0.263	0.262	-0.001
105	66	0.273	0.270	-0.003
105	67	0.265	0.266	0.001
105	68	0.263	0.262	-0.001
105	69	0.261	0.262	0.001
	Max	0.273	0.272	0.002
	Average	0.263	0.263	0.000
	Min	0.253	0.254	-0.003
	Std Dev	0.004	0.004	0.001



	5.87_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.260	0.259	0.261	0.260	0.259	0.261	0.261	0.259	0.254	0.260	0.262
Average	0.261	0.261	0.262	0.262	0.265	0.264	0.262	0.263	0.260	0.264	0.264
Max	0.263	0.265	0.263	0.263	0.272	0.270	0.263	0.272	0.264	0.270	0.270
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

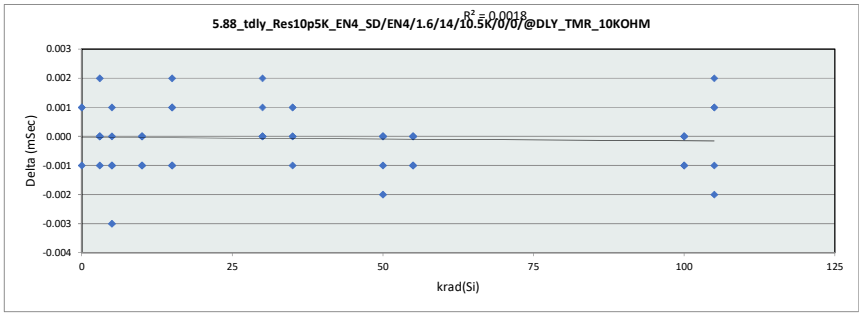


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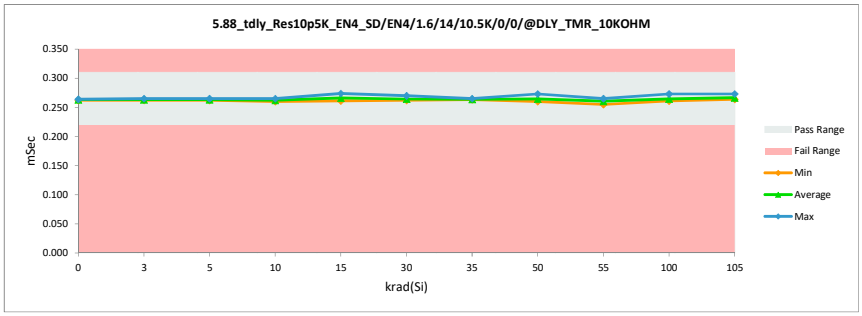
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.88_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.263	0.001
0	14	0.263	0.262	-0.001
0	15	0.263	0.264	0.001
3	20	0.263	0.263	0.000
3	21	0.265	0.265	0.000
3	22	0.264	0.263	-0.001
3	23	0.262	0.262	0.000
3	24	0.260	0.262	0.002
5	25	0.267	0.264	-0.003
5	26	0.264	0.263	-0.001
5	27	0.264	0.263	-0.001
5	28	0.262	0.262	0.000
5	29	0.264	0.265	0.001
10	30	0.262	0.262	0.000
10	31	0.262	0.262	0.000
10	32	0.261	0.260	-0.001
10	33	0.265	0.265	0.000
10	34	0.264	0.263	-0.001
15	35	0.261	0.263	0.002
15	36	0.260	0.261	0.001
15	37	0.270	0.271	0.001
15	38	0.275	0.274	-0.001
15	39	0.264	0.263	-0.001
30	40	0.263	0.264	0.001
30	41	0.262	0.262	0.000
30	42	0.262	0.264	0.002
30	43	0.270	0.270	0.000
30	44	0.262	0.262	0.000
35	45	0.265	0.265	0.000
35	46	0.264	0.263	-0.001
35	47	0.263	0.264	0.001
35	48	0.263	0.263	0.000
35	49	0.262	0.263	0.001
50	50	0.266	0.264	-0.002
50	51	0.263	0.263	0.000
50	52	0.263	0.263	0.000
50	53	0.274	0.273	-0.001
50	54	0.260	0.260	0.000
55	55	0.256	0.255	-0.001
55	56	0.265	0.265	0.000
55	57	0.264	0.264	0.000
55	58	0.256	0.256	0.000
55	59	0.264	0.263	-0.001
100	60	0.262	0.261	-0.001
100	61	0.263	0.263	0.000
100	62	0.273	0.273	0.000
100	63	0.264	0.264	0.000
100	64	0.263	0.262	-0.001
105	65	0.264	0.265	0.001
105	66	0.272	0.273	0.001
105	67	0.267	0.265	-0.002
105	68	0.264	0.266	0.002
105	69	0.265	0.264	-0.001
	Max	0.275	0.274	0.002
	Average	0.264	0.264	0.000
	Min	0.256	0.255	-0.003
	Std Dev	0.004	0.004	0.001



	5.88_tdly_Res10p5K_EN										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.262	0.262	0.260	0.261	0.262	0.263	0.260	0.255	0.261	0.264
Average	0.263	0.263	0.263	0.262	0.266	0.264	0.264	0.265	0.261	0.265	0.267
Max	0.264	0.265	0.265	0.265	0.274	0.270	0.265	0.273	0.265	0.273	0.273
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

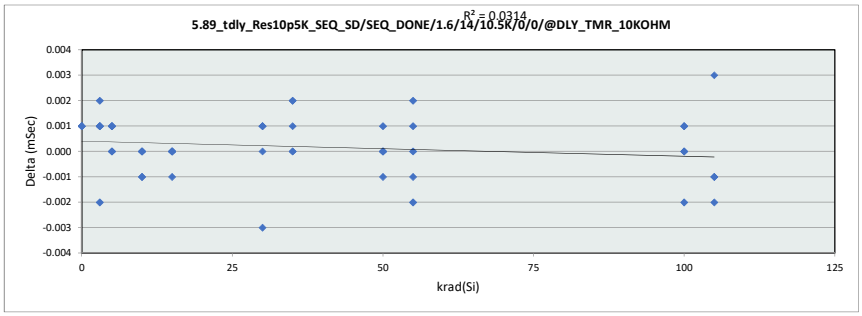


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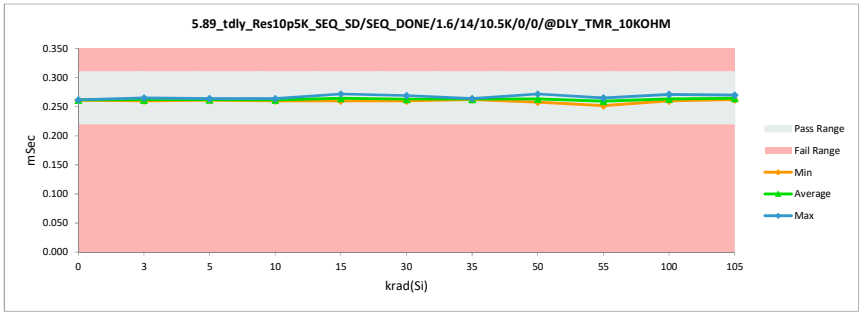
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.89_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.260	0.261	0.001
0	14	0.261	0.262	0.001
0	15	0.261	0.262	0.001
3	20	0.260	0.261	0.001
3	21	0.264	0.265	0.001
3	22	0.263	0.264	0.001
3	23	0.262	0.260	-0.002
3	24	0.258	0.260	0.002
5	25	0.263	0.264	0.001
5	26	0.262	0.263	0.001
5	27	0.261	0.261	0.000
5	28	0.261	0.262	0.001
5	29	0.261	0.261	0.000
10	30	0.262	0.261	-0.001
10	31	0.262	0.262	0.000
10	32	0.260	0.260	0.000
10	33	0.264	0.264	0.000
10	34	0.263	0.262	-0.001
15	35	0.260	0.260	0.000
15	36	0.260	0.260	0.000
15	37	0.269	0.268	-0.001
15	38	0.272	0.272	0.000
15	39	0.263	0.263	0.000
30	40	0.262	0.263	0.001
30	41	0.261	0.261	0.000
30	42	0.261	0.262	0.001
30	43	0.268	0.269	0.001
30	44	0.263	0.260	-0.003
35	45	0.263	0.264	0.001
35	46	0.263	0.263	0.000
35	47	0.261	0.263	0.002
35	48	0.263	0.263	0.000
35	49	0.260	0.262	0.002
50	50	0.263	0.262	-0.001
50	51	0.263	0.263	0.000
50	52	0.261	0.262	0.001
50	53	0.272	0.272	0.000
50	54	0.258	0.258	0.000
55	55	0.254	0.252	-0.002
55	56	0.263	0.264	0.001
55	57	0.263	0.265	0.002
55	58	0.255	0.255	0.000
55	59	0.263	0.262	-0.001
100	60	0.260	0.261	0.001
100	61	0.261	0.262	0.001
100	62	0.273	0.271	-0.002
100	63	0.263	0.263	0.000
100	64	0.260	0.260	0.000
105	65	0.264	0.263	-0.001
105	66	0.271	0.270	-0.001
105	67	0.265	0.264	-0.001
105	68	0.264	0.262	-0.002
105	69	0.261	0.264	0.003
	Max	0.273	0.272	0.003
	Average	0.263	0.263	0.000
	Min	0.254	0.252	-0.003
	Std Dev	0.004	0.004	0.001



	5.89_tdly_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.260	0.261	0.260	0.260	0.260	0.262	0.258	0.252	0.260	0.262
Average	0.262	0.262	0.262	0.262	0.265	0.263	0.263	0.263	0.260	0.263	0.265
Max	0.262	0.265	0.264	0.264	0.272	0.269	0.264	0.272	0.265	0.271	0.270
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

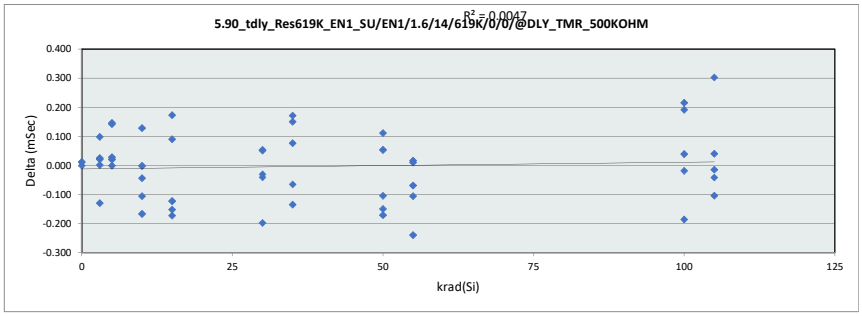


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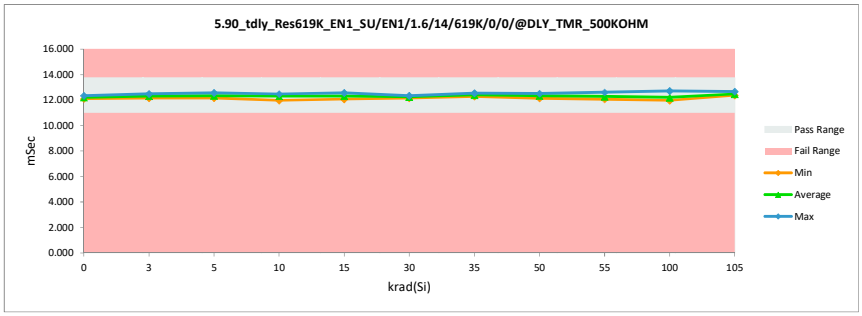
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.90_tdly_Res619K_EN1_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.204	12.217	0.013
0	14	12.344	12.356	0.012
0	15	12.109	12.109	0.000
3	20	12.470	12.492	0.022
3	21	12.548	12.419	-0.129
3	22	12.320	12.322	0.002
3	23	12.055	12.154	0.099
3	24	12.156	12.182	0.026
5	25	12.338	12.367	0.029
5	26	12.551	12.572	0.021
5	27	12.148	12.295	0.147
5	28	12.175	12.175	0.000
5	29	12.188	12.331	0.143
10	30	12.400	12.399	-0.001
10	31	12.528	12.485	-0.043
10	32	12.210	12.339	0.129
10	33	12.536	12.370	-0.166
10	34	12.082	11.977	-0.105
15	35	12.223	12.101	-0.122
15	36	12.248	12.076	-0.172
15	37	12.441	12.532	0.091
15	38	12.721	12.570	-0.151
15	39	12.137	12.311	0.174
30	40	12.514	12.317	-0.197
30	41	12.233	12.285	0.052
30	42	12.223	12.193	-0.030
30	43	12.386	12.346	-0.040
30	44	12.100	12.155	0.055
35	45	12.266	12.417	0.151
35	46	12.613	12.549	-0.064
35	47	12.148	12.320	0.172
35	48	12.439	12.305	-0.134
35	49	12.381	12.458	0.077
50	50	12.496	12.392	-0.104
50	51	12.380	12.231	-0.149
50	52	12.343	12.397	0.054
50	53	12.689	12.519	-0.170
50	54	12.029	12.141	0.112
55	55	12.133	12.065	-0.068
55	56	12.327	12.344	0.017
55	57	12.600	12.611	0.011
55	58	12.186	12.081	-0.105
55	59	12.591	12.352	-0.239
100	60	12.162	11.977	-0.185
100	61	12.013	12.205	0.192
100	62	12.509	12.725	0.216
100	63	12.096	12.078	-0.018
100	64	12.036	12.076	0.040
105	65	12.416	12.402	-0.014
105	66	12.542	12.501	-0.041
105	67	12.485	12.382	-0.103
105	68	12.395	12.436	0.041
105	69	12.371	12.674	0.303
	Max	12.721	12.725	0.303
	Average	12.325	12.322	-0.003
	Min	12.013	11.977	-0.239
	Std Dev	0.187	0.176	0.119



	5.90_tdly_Res619K_EN1										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.109	12.154	12.175	11.977	12.076	12.155	12.305	12.141	12.065	11.977	12.382
Average	12.227	12.314	12.348	12.314	12.318	12.259	12.410	12.336	12.291	12.212	12.479
Max	12.356	12.492	12.572	12.485	12.570	12.346	12.549	12.519	12.611	12.725	12.674
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

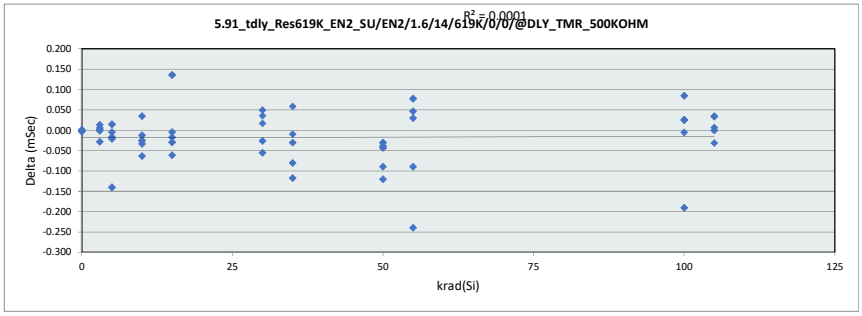


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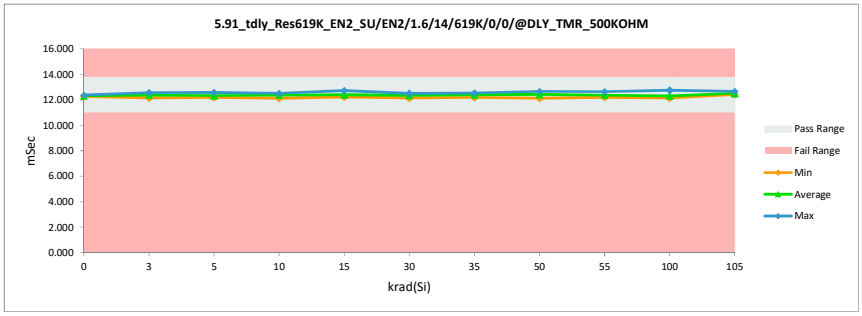
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.91_tdly_Res619K_EN2_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.343	12.343	0.000
0	14	12.372	12.369	-0.003
0	15	12.273	12.275	0.002
3	20	12.454	12.460	0.006
3	21	12.559	12.558	-0.001
3	22	12.474	12.488	0.014
3	23	12.180	12.152	-0.028
3	24	12.179	12.181	0.002
5	25	12.358	12.373	0.015
5	26	12.575	12.571	-0.004
5	27	12.298	12.282	-0.016
5	28	12.316	12.176	-0.140
5	29	12.323	12.302	-0.021
10	30	12.412	12.400	-0.012
10	31	12.543	12.480	-0.063
10	32	12.341	12.316	-0.025
10	33	12.544	12.511	-0.033
10	34	12.092	12.127	0.035
15	35	12.224	12.220	-0.004
15	36	12.240	12.223	-0.017
15	37	12.615	12.554	-0.061
15	38	12.745	12.716	-0.029
15	39	12.163	12.299	0.136
30	40	12.535	12.480	-0.055
30	41	12.241	12.277	0.036
30	42	12.332	12.349	0.017
30	43	12.526	12.500	-0.026
30	44	12.088	12.138	0.050
35	45	12.438	12.408	-0.030
35	46	12.609	12.529	-0.080
35	47	12.299	12.182	-0.117
35	48	12.427	12.418	-0.009
35	49	12.389	12.448	0.059
50	50	12.651	12.531	-0.120
50	51	12.388	12.358	-0.030
50	52	12.488	12.399	-0.089
50	53	12.712	12.669	-0.043
50	54	12.163	12.125	-0.038
55	55	12.119	12.197	0.078
55	56	12.479	12.240	-0.239
55	57	12.591	12.638	0.047
55	58	12.206	12.236	0.030
55	59	12.602	12.513	-0.089
100	60	12.330	12.140	-0.190
100	61	12.157	12.182	0.025
100	62	12.666	12.751	0.085
100	63	12.219	12.214	-0.005
100	64	12.176	12.202	0.026
105	65	12.413	12.413	0.000
105	66	12.700	12.669	-0.031
105	67	12.477	12.512	0.035
105	68	12.401	12.435	0.034
105	69	12.510	12.517	0.007
	Max	12.745	12.751	0.136
	Average	12.395	12.378	-0.017
	Min	12.088	12.125	-0.239
	Std Dev	0.175	0.167	0.065



	5.91_tdly_Res619K_EN2										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.275	12.152	12.176	12.127	12.220	12.138	12.182	12.125	12.197	12.140	12.413
Average	12.329	12.368	12.341	12.367	12.402	12.349	12.397	12.416	12.365	12.298	12.509
Max	12.369	12.558	12.571	12.511	12.716	12.500	12.529	12.669	12.638	12.751	12.669
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

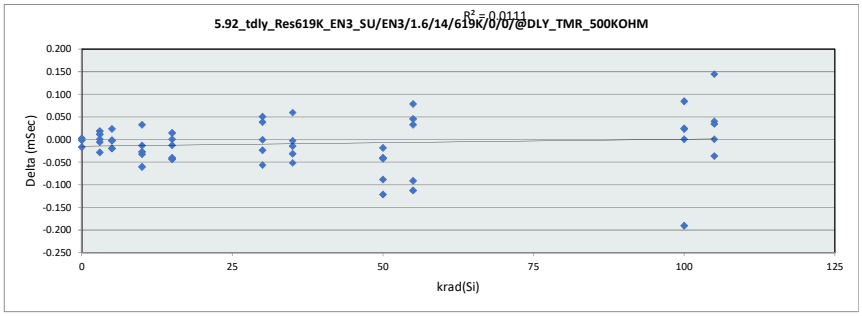


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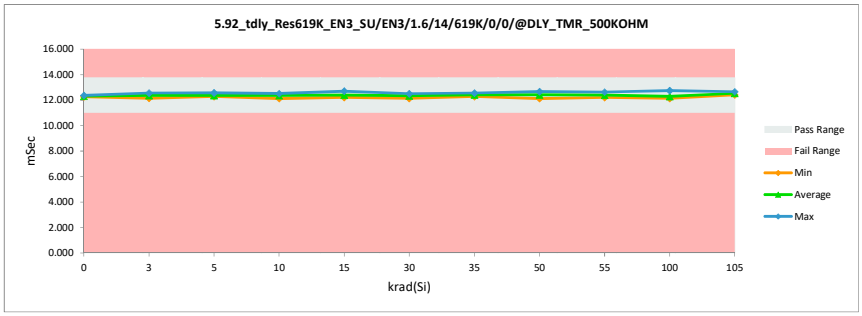
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.92_tdly_Res619K_EN3_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.345	12.329	-0.016
0	14	12.369	12.372	0.003
0	15	12.276	12.275	-0.001
3	20	12.454	12.473	0.019
3	21	12.561	12.562	0.001
3	22	12.478	12.490	0.012
3	23	12.179	12.151	-0.028
3	24	12.178	12.173	-0.005
5	25	12.359	12.383	0.024
5	26	12.574	12.572	-0.002
5	27	12.298	12.279	-0.019
5	28	12.318	12.317	-0.001
5	29	12.323	12.304	-0.019
10	30	12.414	12.401	-0.013
10	31	12.543	12.483	-0.060
10	32	12.345	12.318	-0.027
10	33	12.547	12.515	-0.032
10	34	12.096	12.129	0.033
15	35	12.207	12.222	0.015
15	36	12.240	12.228	-0.012
15	37	12.596	12.553	-0.043
15	38	12.747	12.707	-0.040
15	39	12.299	12.300	0.001
30	40	12.537	12.481	-0.056
30	41	12.243	12.282	0.039
30	42	12.351	12.351	0.000
30	43	12.528	12.505	-0.023
30	44	12.087	12.138	0.051
35	45	12.440	12.409	-0.031
35	46	12.610	12.559	-0.051
35	47	12.300	12.286	-0.014
35	48	12.429	12.427	-0.002
35	49	12.390	12.450	0.060
50	50	12.653	12.532	-0.121
50	51	12.388	12.370	-0.018
50	52	12.489	12.401	-0.088
50	53	12.712	12.670	-0.042
50	54	12.166	12.126	-0.040
55	55	12.121	12.200	0.079
55	56	12.480	12.368	-0.112
55	57	12.594	12.640	0.046
55	58	12.207	12.240	0.033
55	59	12.603	12.512	-0.091
100	60	12.332	12.142	-0.190
100	61	12.158	12.182	0.024
100	62	12.667	12.752	0.085
100	63	12.217	12.218	0.001
100	64	12.179	12.204	0.025
105	65	12.413	12.414	0.001
105	66	12.702	12.666	-0.036
105	67	12.478	12.513	0.035
105	68	12.396	12.437	0.041
105	69	12.513	12.658	0.145
	Max	12.747	12.752	0.145
	Average	12.399	12.390	-0.009
	Min	12.087	12.126	-0.190
	Std Dev	0.172	0.166	0.054



	5.92_tdly_Res619K_EN3										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.275	12.151	12.279	12.129	12.222	12.138	12.286	12.126	12.200	12.142	12.414
Average	12.325	12.370	12.371	12.369	12.402	12.351	12.426	12.420	12.392	12.300	12.538
Max	12.372	12.562	12.572	12.515	12.707	12.505	12.559	12.670	12.640	12.752	12.666
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

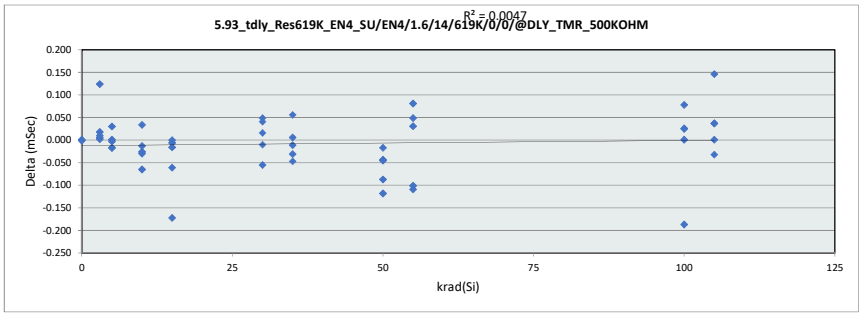


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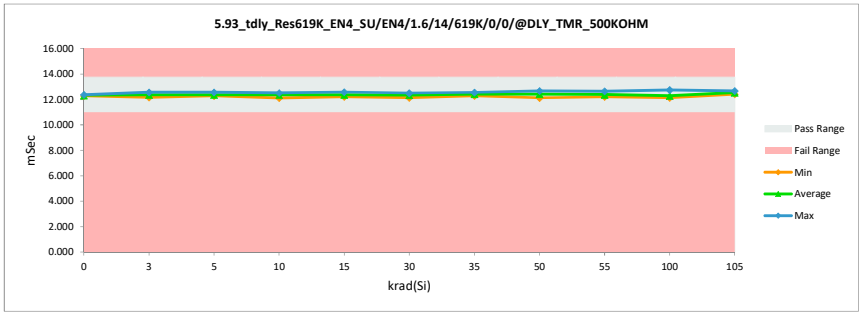
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.93_tdly_Res619K_EN4_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.347	12.348	0.001
0	14	12.374	12.374	0.000
0	15	12.279	12.278	-0.001
3	20	12.456	12.474	0.018
3	21	12.562	12.564	0.002
3	22	12.479	12.489	0.010
3	23	12.042	12.166	0.124
3	24	12.182	12.187	0.005
5	25	12.361	12.391	0.030
5	26	12.577	12.574	-0.003
5	27	12.293	12.276	-0.017
5	28	12.318	12.319	0.001
5	29	12.327	12.310	-0.017
10	30	12.416	12.403	-0.013
10	31	12.546	12.481	-0.065
10	32	12.345	12.319	-0.026
10	33	12.547	12.517	-0.030
10	34	12.096	12.130	0.034
15	35	12.228	12.222	-0.006
15	36	12.243	12.227	-0.016
15	37	12.620	12.559	-0.061
15	38	12.751	12.579	-0.172
15	39	12.302	12.302	0.000
30	40	12.539	12.484	-0.055
30	41	12.241	12.282	0.041
30	42	12.336	12.352	0.016
30	43	12.516	12.506	-0.010
30	44	12.091	12.140	0.049
35	45	12.444	12.413	-0.031
35	46	12.609	12.562	-0.047
35	47	12.304	12.293	-0.011
35	48	12.427	12.433	0.006
35	49	12.389	12.445	0.056
50	50	12.654	12.536	-0.118
50	51	12.390	12.373	-0.017
50	52	12.490	12.403	-0.087
50	53	12.716	12.671	-0.045
50	54	12.170	12.127	-0.043
55	55	12.123	12.204	0.081
55	56	12.480	12.371	-0.109
55	57	12.596	12.645	0.049
55	58	12.209	12.240	0.031
55	59	12.604	12.503	-0.101
100	60	12.331	12.144	-0.187
100	61	12.161	12.186	0.025
100	62	12.671	12.749	0.078
100	63	12.220	12.221	0.001
100	64	12.180	12.206	0.026
105	65	12.415	12.416	0.001
105	66	12.706	12.674	-0.032
105	67	12.478	12.515	0.037
105	68	12.405	12.442	0.037
105	69	12.513	12.659	0.146
	Max	12.751	12.749	0.146
	Average	12.398	12.390	-0.008
	Min	12.042	12.127	-0.187
	Std Dev	0.177	0.161	0.061



	5.93_tdly_Res619K_EN4										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.278	12.166	12.276	12.130	12.222	12.140	12.293	12.127	12.204	12.144	12.416
Average	12.333	12.376	12.374	12.370	12.378	12.353	12.429	12.422	12.393	12.301	12.541
Max	12.374	12.564	12.574	12.517	12.579	12.506	12.562	12.671	12.645	12.749	12.674
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

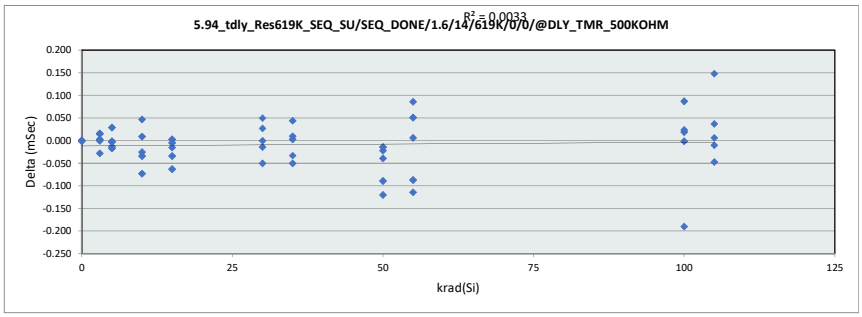


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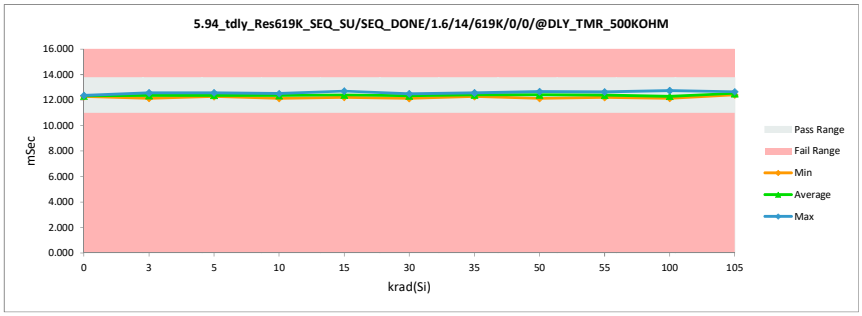
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.94_tdly_Res619K_SEQ_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.347	12.348	0.001
0	14	12.374	12.373	-0.001
0	15	12.277	12.277	0.000
3	20	12.459	12.475	0.016
3	21	12.563	12.563	0.000
3	22	12.481	12.496	0.015
3	23	12.182	12.154	-0.028
3	24	12.184	12.187	0.003
5	25	12.362	12.391	0.029
5	26	12.579	12.576	-0.003
5	27	12.300	12.283	-0.017
5	28	12.320	12.319	-0.001
5	29	12.326	12.313	-0.013
10	30	12.397	12.406	0.009
10	31	12.547	12.474	-0.073
10	32	12.347	12.322	-0.025
10	33	12.549	12.515	-0.034
10	34	12.083	12.130	0.047
15	35	12.229	12.224	-0.005
15	36	12.245	12.230	-0.015
15	37	12.621	12.558	-0.063
15	38	12.749	12.715	-0.034
15	39	12.301	12.304	0.003
30	40	12.529	12.479	-0.050
30	41	12.245	12.272	0.027
30	42	12.353	12.353	0.000
30	43	12.513	12.499	-0.014
30	44	12.091	12.141	0.050
35	45	12.443	12.410	-0.033
35	46	12.612	12.562	-0.050
35	47	12.288	12.291	0.003
35	48	12.431	12.441	0.010
35	49	12.391	12.435	0.044
50	50	12.657	12.537	-0.120
50	51	12.392	12.370	-0.022
50	52	12.493	12.404	-0.089
50	53	12.686	12.672	-0.014
50	54	12.168	12.129	-0.039
55	55	12.121	12.207	0.086
55	56	12.484	12.370	-0.114
55	57	12.595	12.646	0.051
55	58	12.211	12.217	0.006
55	59	12.606	12.519	-0.087
100	60	12.334	12.144	-0.190
100	61	12.159	12.178	0.019
100	62	12.666	12.753	0.087
100	63	12.220	12.219	-0.001
100	64	12.182	12.206	0.024
105	65	12.416	12.406	-0.010
105	66	12.704	12.657	-0.047
105	67	12.482	12.488	0.006
105	68	12.407	12.444	0.037
105	69	12.513	12.661	0.148
	Max	12.749	12.753	0.148
	Average	12.400	12.391	-0.009
	Min	12.083	12.129	-0.190
	Std Dev	0.172	0.165	0.054



	5.94_tdly_Res619K_SEQ										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.277	12.154	12.283	12.130	12.224	12.141	12.291	12.129	12.207	12.144	12.406
Average	12.333	12.375	12.376	12.369	12.406	12.349	12.428	12.422	12.392	12.300	12.531
Max	12.373	12.563	12.576	12.515	12.715	12.499	12.562	12.672	12.646	12.753	12.661
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

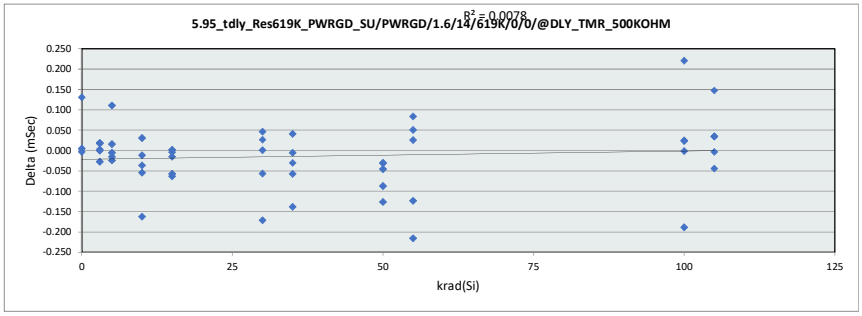


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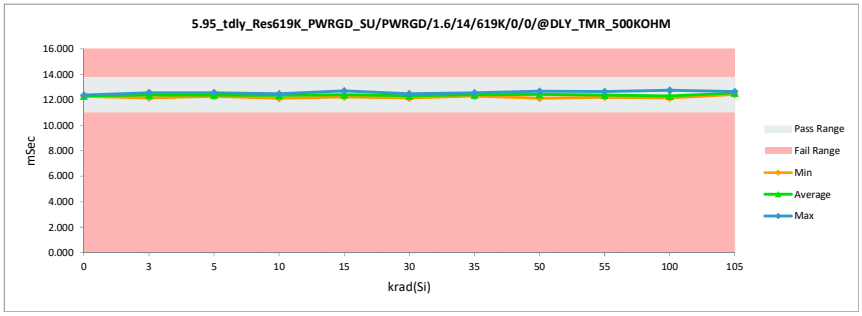
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.95_tdly_Res619K_PWRG	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.339	12.344	0.005
0	14	12.238	12.369	0.131
0	15	12.275	12.272	-0.003
3	20	12.451	12.469	0.018
3	21	12.558	12.558	0.000
3	22	12.469	12.488	0.019
3	23	12.177	12.150	-0.027
3	24	12.178	12.181	0.003
5	25	12.358	12.374	0.016
5	26	12.574	12.569	-0.005
5	27	12.298	12.283	-0.015
5	28	12.316	12.292	-0.024
5	29	12.195	12.306	0.111
10	30	12.411	12.400	-0.011
10	31	12.529	12.475	-0.054
10	32	12.341	12.305	-0.036
10	33	12.543	12.381	-0.162
10	34	12.092	12.123	0.031
15	35	12.224	12.220	-0.004
15	36	12.239	12.224	-0.015
15	37	12.615	12.552	-0.063
15	38	12.747	12.690	-0.057
15	39	12.296	12.298	0.002
30	40	12.534	12.478	-0.056
30	41	12.241	12.268	0.027
30	42	12.347	12.348	0.001
30	43	12.526	12.355	-0.171
30	44	12.085	12.132	0.047
35	45	12.437	12.407	-0.030
35	46	12.608	12.551	-0.057
35	47	12.299	12.294	-0.005
35	48	12.426	12.288	-0.138
35	49	12.385	12.426	0.041
50	50	12.651	12.525	-0.126
50	51	12.386	12.356	-0.030
50	52	12.486	12.399	-0.087
50	53	12.712	12.667	-0.045
50	54	12.154	12.123	-0.031
55	55	12.117	12.201	0.084
55	56	12.477	12.354	-0.123
55	57	12.589	12.640	0.051
55	58	12.207	12.233	0.026
55	59	12.601	12.386	-0.215
100	60	12.328	12.140	-0.188
100	61	12.157	12.182	0.025
100	62	12.527	12.748	0.221
100	63	12.217	12.216	-0.001
100	64	12.175	12.199	0.024
105	65	12.414	12.411	-0.003
105	66	12.702	12.658	-0.044
105	67	12.475	12.510	0.035
105	68	12.402	12.437	0.035
105	69	12.508	12.656	0.148
	Max	12.747	12.748	0.221
	Average	12.389	12.376	-0.014
	Min	12.085	12.123	-0.215
	Std Dev	0.173	0.162	0.080



	5.95_tdly_Res619K_PWR										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.272	12.150	12.283	12.123	12.220	12.132	12.288	12.123	12.201	12.140	12.411
Average	12.328	12.369	12.365	12.337	12.397	12.316	12.393	12.414	12.363	12.297	12.534
Max	12.369	12.558	12.569	12.475	12.690	12.478	12.551	12.667	12.640	12.748	12.658
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

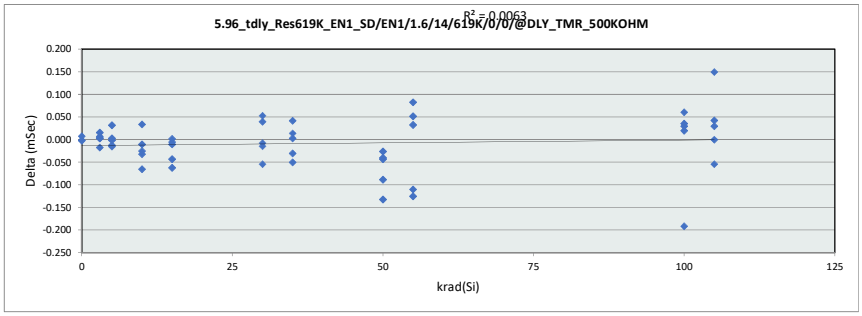


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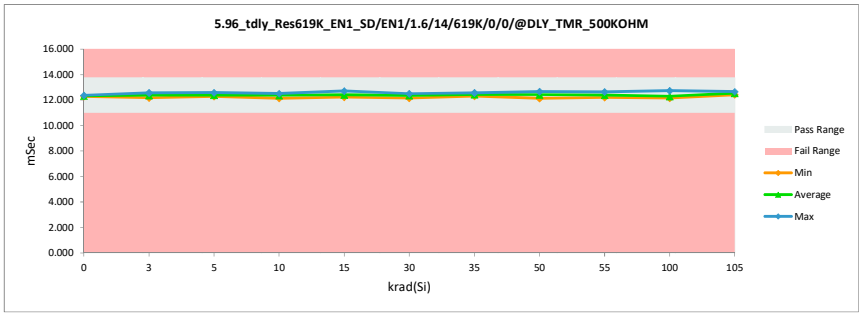
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.96_tdly_Res619K_EN1_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.348	12.356	0.008
0	14	12.385	12.383	-0.002
0	15	12.288	12.287	-0.001
3	20	12.466	12.473	0.007
3	21	12.571	12.574	0.003
3	22	12.488	12.504	0.016
3	23	12.194	12.177	-0.017
3	24	12.191	12.195	0.004
5	25	12.370	12.402	0.032
5	26	12.580	12.583	0.003
5	27	12.309	12.294	-0.015
5	28	12.329	12.328	-0.001
5	29	12.335	12.323	-0.012
10	30	12.425	12.415	-0.010
10	31	12.556	12.491	-0.065
10	32	12.356	12.331	-0.025
10	33	12.559	12.527	-0.032
10	34	12.107	12.141	0.034
15	35	12.237	12.232	-0.005
15	36	12.247	12.237	-0.010
15	37	12.629	12.567	-0.062
15	38	12.758	12.715	-0.043
15	39	12.311	12.313	0.002
30	40	12.547	12.493	-0.054
30	41	12.252	12.292	0.040
30	42	12.362	12.355	-0.007
30	43	12.525	12.511	-0.014
30	44	12.099	12.152	0.053
35	45	12.452	12.422	-0.030
35	46	12.622	12.572	-0.050
35	47	12.312	12.315	0.003
35	48	12.440	12.454	0.014
35	49	12.401	12.443	0.042
50	50	12.664	12.532	-0.132
50	51	12.400	12.374	-0.026
50	52	12.500	12.412	-0.088
50	53	12.723	12.680	-0.043
50	54	12.176	12.136	-0.040
55	55	12.132	12.215	0.083
55	56	12.489	12.379	-0.110
55	57	12.604	12.656	0.052
55	58	12.217	12.250	0.033
55	59	12.615	12.490	-0.125
100	60	12.344	12.153	-0.191
100	61	12.161	12.197	0.036
100	62	12.680	12.741	0.061
100	63	12.200	12.230	0.030
100	64	12.192	12.212	0.020
105	65	12.426	12.426	0.000
105	66	12.714	12.660	-0.054
105	67	12.492	12.522	0.030
105	68	12.410	12.453	0.043
105	69	12.521	12.671	0.150
	Max	12.758	12.741	0.150
	Average	12.410	12.401	-0.009
	Min	12.099	12.136	-0.191
	Std Dev	0.173	0.162	0.056



	5.96_tdly_Res619K_EN1										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.287	12.177	12.294	12.141	12.232	12.152	12.315	12.136	12.215	12.153	12.426
Average	12.342	12.385	12.386	12.381	12.413	12.361	12.441	12.427	12.398	12.307	12.546
Max	12.383	12.574	12.583	12.527	12.715	12.511	12.572	12.680	12.656	12.741	12.671
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

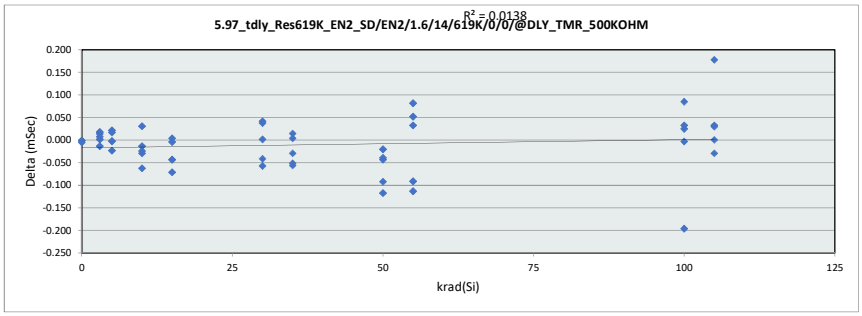


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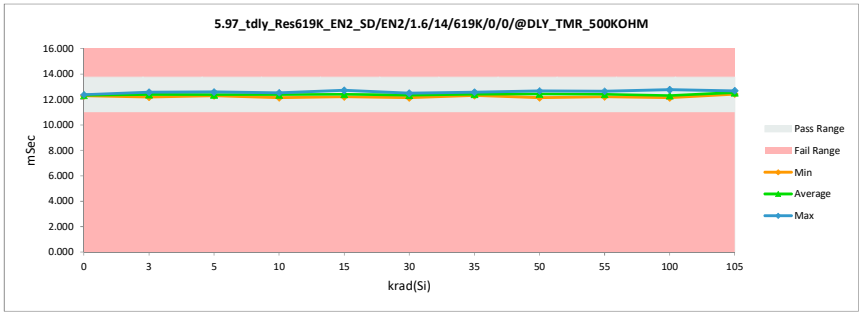
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.97_tdly_Res619K_EN2_	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.358	12.353	-0.005
0	14	12.385	12.384	-0.001
0	15	12.287	12.286	-0.001
3	20	12.466	12.484	0.018
3	21	12.570	12.572	0.002
3	22	12.491	12.505	0.014
3	23	12.192	12.179	-0.013
3	24	12.190	12.198	0.008
5	25	12.370	12.387	0.017
5	26	12.586	12.584	-0.002
5	27	12.277	12.299	0.022
5	28	12.330	12.328	-0.002
5	29	12.335	12.312	-0.023
10	30	12.427	12.414	-0.013
10	31	12.556	12.494	-0.062
10	32	12.355	12.331	-0.024
10	33	12.558	12.529	-0.029
10	34	12.108	12.139	0.031
15	35	12.237	12.233	-0.004
15	36	12.253	12.210	-0.043
15	37	12.629	12.558	-0.071
15	38	12.760	12.717	-0.043
15	39	12.309	12.313	0.004
30	40	12.549	12.492	-0.057
30	41	12.253	12.295	0.042
30	42	12.360	12.362	0.002
30	43	12.540	12.499	-0.041
30	44	12.102	12.140	0.038
35	45	12.450	12.421	-0.029
35	46	12.622	12.571	-0.051
35	47	12.311	12.315	0.004
35	48	12.440	12.455	0.015
35	49	12.374	12.318	-0.056
50	50	12.664	12.547	-0.117
50	51	12.400	12.380	-0.020
50	52	12.503	12.411	-0.092
50	53	12.724	12.681	-0.043
50	54	12.178	12.139	-0.039
55	55	12.133	12.215	0.082
55	56	12.492	12.379	-0.113
55	57	12.603	12.655	0.052
55	58	12.217	12.250	0.033
55	59	12.614	12.523	-0.091
100	60	12.344	12.148	-0.196
100	61	12.164	12.197	0.033
100	62	12.680	12.765	0.085
100	63	12.231	12.228	-0.003
100	64	12.191	12.216	0.025
105	65	12.426	12.427	0.001
105	66	12.715	12.686	-0.029
105	67	12.491	12.524	0.033
105	68	12.416	12.446	0.030
105	69	12.494	12.672	0.178
	Max	12.760	12.765	0.178
	Average	12.410	12.399	-0.010
	Min	12.102	12.139	-0.196
	Std Dev	0.173	0.166	0.057



	5.97_tdly_Res619K_EN2										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.286	12.179	12.299	12.139	12.210	12.140	12.315	12.139	12.215	12.148	12.427
Average	12.341	12.388	12.382	12.381	12.406	12.358	12.416	12.432	12.404	12.311	12.551
Max	12.384	12.572	12.584	12.529	12.717	12.499	12.571	12.681	12.655	12.765	12.686
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

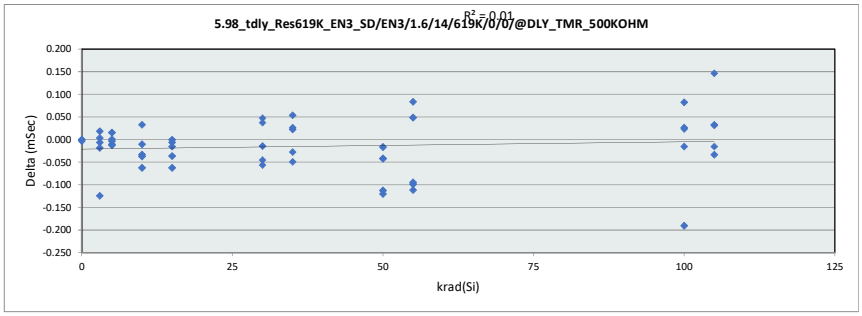


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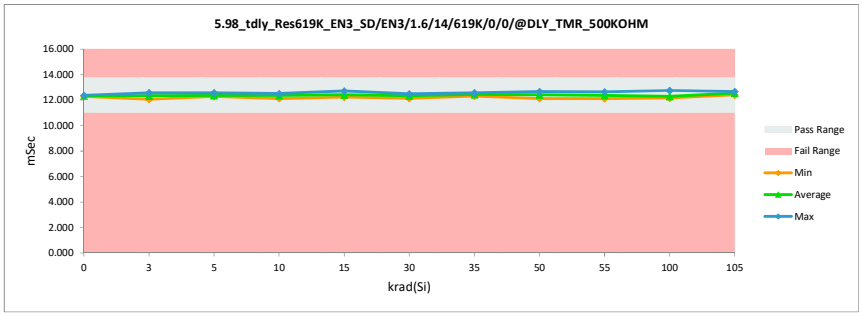
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.98_tdly_Res619K_EN3_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.350	12.347	-0.003
0	14	12.379	12.379	0.000
0	15	12.281	12.281	0.000
3	20	12.459	12.478	0.019
3	21	12.565	12.569	0.004
3	22	12.481	12.475	-0.006
3	23	12.185	12.167	-0.018
3	24	12.184	12.060	-0.124
5	25	12.367	12.383	0.016
5	26	12.580	12.577	-0.003
5	27	12.303	12.293	-0.010
5	28	12.323	12.324	0.001
5	29	12.329	12.317	-0.012
10	30	12.419	12.409	-0.010
10	31	12.549	12.487	-0.062
10	32	12.350	12.313	-0.037
10	33	12.553	12.520	-0.033
10	34	12.100	12.133	0.033
15	35	12.232	12.226	-0.006
15	36	12.246	12.231	-0.015
15	37	12.622	12.560	-0.062
15	38	12.754	12.718	-0.036
15	39	12.306	12.306	0.000
30	40	12.543	12.487	-0.056
30	41	12.248	12.286	0.038
30	42	12.356	12.342	-0.014
30	43	12.534	12.489	-0.045
30	44	12.095	12.143	0.048
35	45	12.444	12.417	-0.027
35	46	12.615	12.566	-0.049
35	47	12.282	12.309	0.027
35	48	12.422	12.445	0.023
35	49	12.396	12.450	0.054
50	50	12.659	12.539	-0.120
50	51	12.394	12.378	-0.016
50	52	12.495	12.383	-0.112
50	53	12.718	12.676	-0.042
50	54	12.173	12.132	-0.041
55	55	12.125	12.209	0.084
55	56	12.486	12.375	-0.111
55	57	12.598	12.647	0.049
55	58	12.212	12.114	-0.098
55	59	12.609	12.515	-0.094
100	60	12.337	12.147	-0.190
100	61	12.163	12.190	0.027
100	62	12.675	12.758	0.083
100	63	12.224	12.209	-0.015
100	64	12.184	12.208	0.024
105	65	12.419	12.404	-0.015
105	66	12.708	12.675	-0.033
105	67	12.486	12.518	0.032
105	68	12.408	12.441	0.033
105	69	12.517	12.664	0.147
	Max	12.754	12.758	0.147
	Average	12.405	12.390	-0.015
	Min	12.095	12.060	-0.190
	Std Dev	0.173	0.172	0.058



	5.98_tdly_Res619K_EN3										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.281	12.060	12.293	12.133	12.226	12.143	12.309	12.132	12.114	12.147	12.404
Average	12.336	12.350	12.379	12.372	12.408	12.349	12.437	12.422	12.372	12.302	12.540
Max	12.379	12.569	12.577	12.520	12.718	12.489	12.566	12.676	12.647	12.758	12.675
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

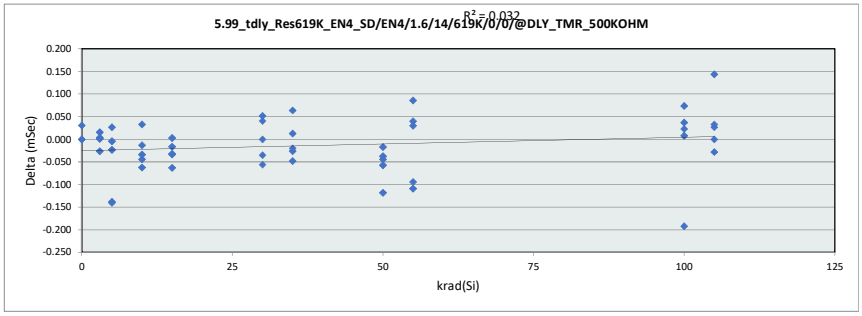


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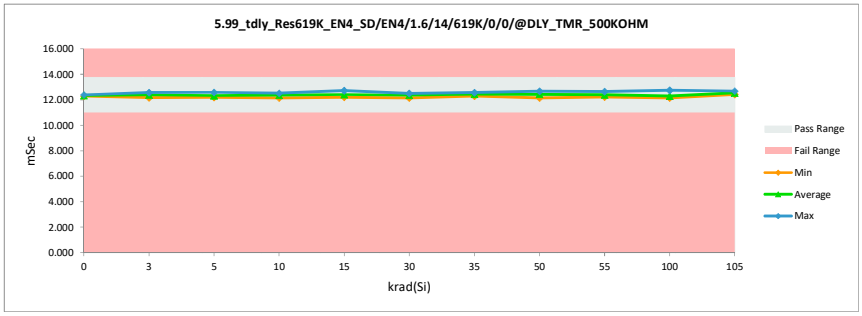
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.99_tdly_Res619K_EN4_S	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.355	12.355	0.000
0	14	12.351	12.382	0.031
0	15	12.285	12.285	0.000
3	20	12.466	12.467	0.001
3	21	12.571	12.573	0.002
3	22	12.488	12.504	0.016
3	23	12.188	12.162	-0.026
3	24	12.193	12.197	0.004
5	25	12.370	12.397	0.027
5	26	12.586	12.582	-0.004
5	27	12.310	12.287	-0.023
5	28	12.327	12.189	-0.138
5	29	12.327	12.187	-0.140
10	30	12.426	12.413	-0.013
10	31	12.553	12.491	-0.062
10	32	12.354	12.320	-0.034
10	33	12.558	12.514	-0.044
10	34	12.106	12.139	0.033
15	35	12.236	12.203	-0.033
15	36	12.254	12.238	-0.016
15	37	12.629	12.566	-0.063
15	38	12.759	12.727	-0.032
15	39	12.308	12.311	0.003
30	40	12.548	12.492	-0.056
30	41	12.251	12.292	0.041
30	42	12.362	12.362	0.000
30	43	12.538	12.503	-0.035
30	44	12.098	12.150	0.052
35	45	12.446	12.420	-0.026
35	46	12.619	12.571	-0.048
35	47	12.309	12.289	-0.020
35	48	12.427	12.440	0.013
35	49	12.400	12.464	0.064
50	50	12.663	12.545	-0.118
50	51	12.399	12.382	-0.017
50	52	12.469	12.412	-0.057
50	53	12.723	12.679	-0.044
50	54	12.177	12.140	-0.037
55	55	12.129	12.215	0.086
55	56	12.487	12.378	-0.109
55	57	12.603	12.643	0.040
55	58	12.219	12.249	0.030
55	59	12.614	12.520	-0.094
100	60	12.343	12.151	-0.192
100	61	12.169	12.192	0.023
100	62	12.678	12.752	0.074
100	63	12.216	12.224	0.008
100	64	12.160	12.197	0.037
105	65	12.425	12.425	0.000
105	66	12.713	12.685	-0.028
105	67	12.491	12.524	0.033
105	68	12.415	12.442	0.027
105	69	12.524	12.668	0.144
	Max	12.759	12.752	0.144
	Average	12.408	12.394	-0.014
	Min	12.098	12.139	-0.192
	Std Dev	0.173	0.170	0.059



	5.99_tdly_Res619K_EN4										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.285	12.162	12.187	12.139	12.203	12.150	12.289	12.140	12.215	12.151	12.425
Average	12.341	12.381	12.328	12.375	12.409	12.360	12.437	12.432	12.401	12.303	12.549
Max	12.382	12.573	12.582	12.514	12.727	12.503	12.571	12.679	12.643	12.752	12.685
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

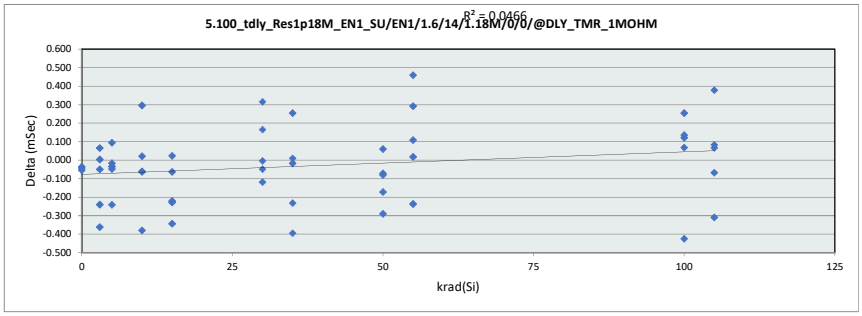


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

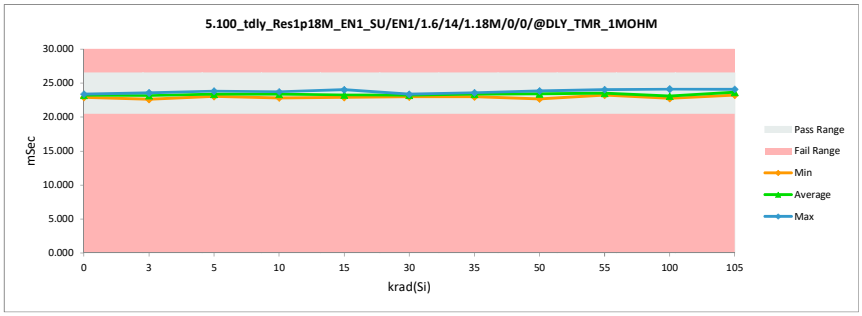
	5.100_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.391	23.349	-0.042
0	14	23.430	23.394	-0.036
0	15	22.965	22.912	-0.053
3	20	23.396	23.462	0.066
3	21	23.806	23.566	-0.240
3	22	23.360	23.364	0.004
3	23	22.996	22.635	-0.361
3	24	22.911	22.862	-0.049
5	25	23.414	23.509	0.095
5	26	23.866	23.832	-0.034
5	27	23.231	23.215	-0.016
5	28	23.294	23.053	-0.241
5	29	23.275	23.228	-0.047
10	30	23.205	23.501	0.296
10	31	23.905	23.526	-0.379
10	32	23.468	23.407	-0.061
10	33	23.792	23.730	-0.062
10	34	22.800	22.822	0.022
15	35	22.886	22.910	0.024
15	36	23.132	22.904	-0.228
15	37	23.779	23.436	-0.343
15	38	24.082	24.019	-0.063
15	39	23.238	23.017	-0.221
30	40	23.490	23.372	-0.118
30	41	22.933	23.249	0.316
30	42	23.329	23.326	-0.003
30	43	23.320	23.272	-0.048
30	44	22.820	22.986	0.166
35	45	23.269	23.524	0.255
35	46	23.976	23.582	-0.394
35	47	23.240	23.008	-0.232
35	48	23.543	23.526	-0.017
35	49	23.344	23.354	0.010
50	50	24.020	23.731	-0.289
50	51	23.532	23.452	-0.080
50	52	23.472	23.533	0.061
50	53	24.019	23.848	-0.171
50	54	22.742	22.671	-0.071
55	55	22.802	23.262	0.460
55	56	23.315	23.333	0.018
55	57	23.945	24.054	0.109
55	58	22.959	23.252	0.293
55	59	23.984	23.748	-0.236
100	60	23.404	22.980	-0.424
100	61	22.624	22.746	0.122
100	62	23.863	24.118	0.255
100	63	22.714	22.783	0.069
100	64	22.701	22.837	0.136
105	65	23.554	23.245	-0.309
105	66	23.994	23.927	-0.067
105	67	23.319	23.386	0.067
105	68	23.507	23.590	0.083
105	69	23.722	24.101	0.379
	Max	24.082	24.118	0.460
	Average	23.379	23.348	-0.031
	Min	22.624	22.635	-0.424
	Std Dev	0.403	0.378	0.203



	5.100_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	22.912	22.635	23.053	22.822	22.904	22.986	23.008	22.671	23.252	22.746	23.245
Average	23.218	23.178	23.367	23.397	23.257	23.241	23.399	23.447	23.530	23.093	23.650
Max	23.394	23.566	23.832	23.730	24.019	23.372	23.582	23.848	24.054	24.118	24.101
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

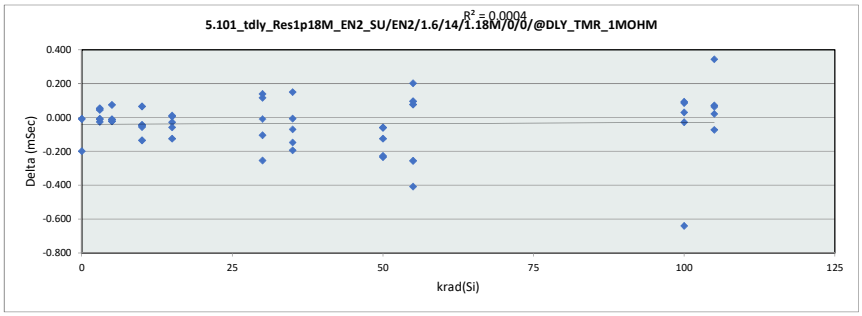


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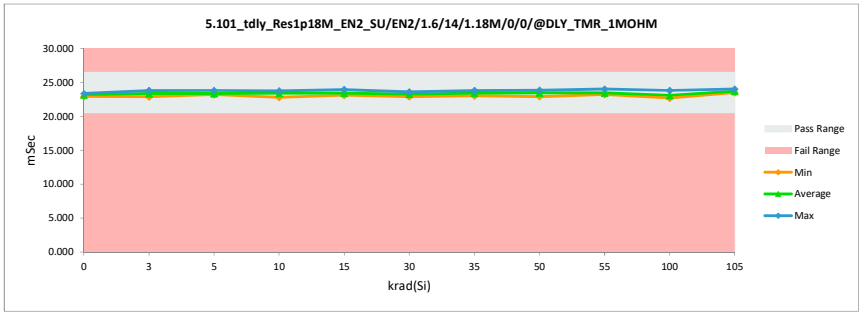
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.101_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.343	23.335	-0.008
0	14	23.373	23.367	-0.006
0	15	23.156	22.958	-0.198
3	20	23.632	23.687	0.055
3	21	23.811	23.805	-0.006
3	22	23.396	23.442	0.046
3	23	22.929	22.904	-0.025
3	24	23.117	23.107	-0.010
5	25	23.361	23.437	0.076
5	26	23.850	23.840	-0.010
5	27	23.230	23.209	-0.021
5	28	23.262	23.252	-0.010
5	29	23.253	23.231	-0.022
10	30	23.496	23.453	-0.043
10	31	23.885	23.751	-0.134
10	32	23.409	23.355	-0.054
10	33	23.792	23.747	-0.045
10	34	22.751	22.818	0.067
15	35	23.100	23.113	0.013
15	36	23.147	23.120	-0.027
15	37	23.787	23.663	-0.124
15	38	24.023	23.966	-0.057
15	39	23.212	23.219	0.007
30	40	23.724	23.621	-0.103
30	41	23.132	23.250	0.118
30	42	23.302	23.294	-0.008
30	43	23.579	23.326	-0.253
30	44	22.773	22.913	0.140
35	45	23.326	23.257	-0.069
35	46	23.951	23.805	-0.146
35	47	23.233	23.040	-0.193
35	48	23.489	23.484	-0.005
35	49	23.454	23.605	0.151
50	50	23.981	23.748	-0.233
50	51	23.460	23.402	-0.058
50	52	23.698	23.472	-0.226
50	53	23.979	23.855	-0.124
50	54	22.993	22.934	-0.059
55	55	23.045	23.248	0.203
55	56	23.579	23.324	-0.255
55	57	23.925	24.022	0.097
55	58	23.161	23.238	0.077
55	59	23.951	23.544	-0.407
100	60	23.369	22.730	-0.639
100	61	22.904	22.998	0.094
100	62	23.865	23.838	-0.027
100	63	22.992	23.023	0.031
100	64	22.970	23.057	0.087
105	65	23.486	23.508	0.022
105	66	23.974	23.902	-0.072
105	67	23.593	23.657	0.064
105	68	23.449	23.522	0.073
105	69	23.694	24.039	0.345
	Max	24.023	24.039	0.345
	Average	23.440	23.404	-0.036
	Min	22.751	22.730	-0.639
	Std Dev	0.348	0.332	0.152



	5.101_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	22.958	22.904	23.209	22.818	23.113	22.913	23.040	22.934	23.238	22.730	23.508
Average	23.220	23.389	23.394	23.425	23.416	23.281	23.438	23.482	23.475	23.129	23.726
Max	23.367	23.805	23.840	23.751	23.966	23.621	23.805	23.855	24.022	23.838	24.039
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

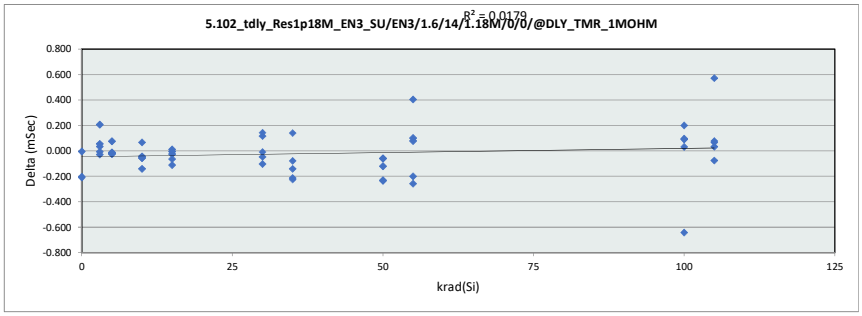


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

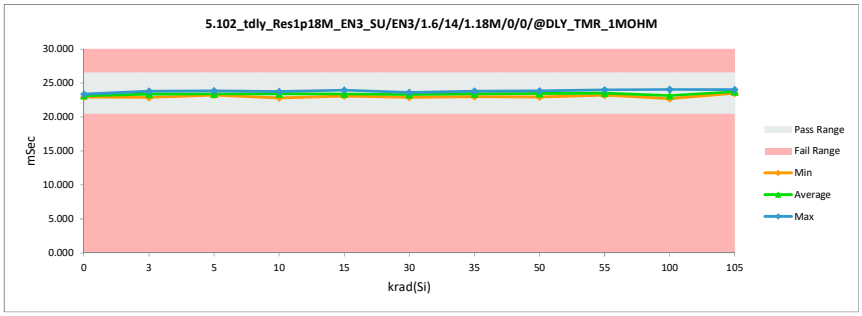
	5.102_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.343	23.135	-0.208
0	14	23.376	23.372	-0.004
0	15	23.164	22.962	-0.202
3	20	23.634	23.690	0.056
3	21	23.814	23.808	-0.006
3	22	23.403	23.438	0.035
3	23	22.933	22.905	-0.028
3	24	22.905	23.112	0.207
5	25	23.363	23.439	0.076
5	26	23.857	23.839	-0.018
5	27	23.231	23.215	-0.016
5	28	23.269	23.258	-0.011
5	29	23.257	23.233	-0.024
10	30	23.497	23.455	-0.042
10	31	23.887	23.747	-0.140
10	32	23.411	23.357	-0.054
10	33	23.803	23.748	-0.055
10	34	22.753	22.820	0.067
15	35	23.102	23.115	0.013
15	36	23.147	23.123	-0.024
15	37	23.775	23.664	-0.111
15	38	24.029	23.965	-0.064
15	39	23.226	23.221	-0.005
30	40	23.725	23.622	-0.103
30	41	23.133	23.250	0.117
30	42	23.304	23.295	-0.009
30	43	23.576	23.530	-0.046
30	44	22.772	22.915	0.143
35	45	23.543	23.465	-0.078
35	46	23.953	23.812	-0.141
35	47	23.233	23.009	-0.224
35	48	23.489	23.277	-0.212
35	49	23.458	23.599	0.141
50	50	23.982	23.747	-0.235
50	51	23.462	23.403	-0.059
50	52	23.700	23.471	-0.229
50	53	23.980	23.860	-0.120
50	54	22.993	22.935	-0.058
55	55	22.845	23.250	0.405
55	56	23.583	23.326	-0.257
55	57	23.924	24.025	0.101
55	58	23.159	23.238	0.079
55	59	23.966	23.766	-0.200
100	60	23.370	22.728	-0.642
100	61	22.903	23.000	0.097
100	62	23.864	24.065	0.201
100	63	22.993	23.025	0.032
100	64	22.968	23.059	0.091
105	65	23.485	23.518	0.033
105	66	23.976	23.901	-0.075
105	67	23.595	23.662	0.067
105	68	23.449	23.527	0.078
105	69	23.468	24.040	0.572
	Max	24.029	24.065	0.572
	Average	23.435	23.414	-0.021
	Min	22.753	22.728	-0.642
	Std Dev	0.357	0.345	0.175



	5.102_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	22.962	22.905	23.215	22.820	23.115	22.915	23.009	22.935	23.238	22.728	23.518
Average	23.156	23.391	23.397	23.425	23.418	23.322	23.432	23.483	23.521	23.175	23.730
Max	23.372	23.808	23.839	23.748	23.965	23.622	23.812	23.860	24.025	24.065	24.040
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

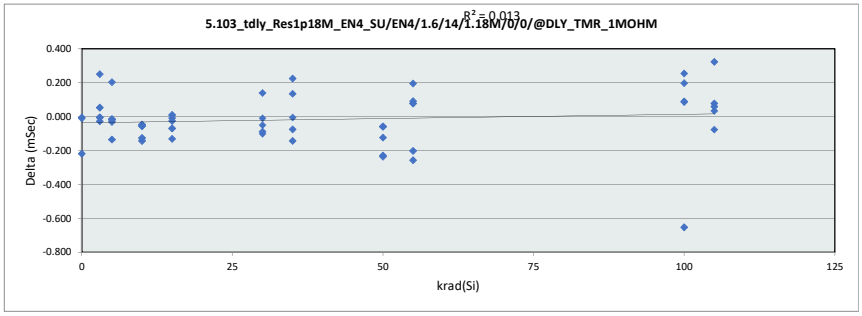


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

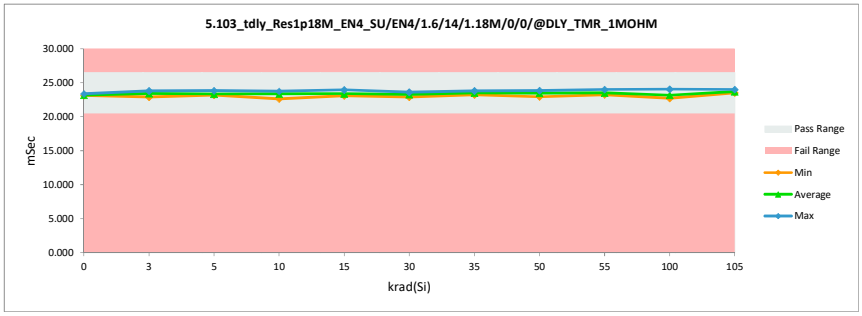
	5.103_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.347	23.130	-0.217
0	14	23.377	23.374	-0.003
0	15	23.165	23.157	-0.008
3	20	23.637	23.691	0.054
3	21	23.815	23.812	-0.003
3	22	23.398	23.650	0.252
3	23	22.930	22.904	-0.026
3	24	23.118	23.115	-0.003
5	25	23.365	23.231	-0.134
5	26	23.637	23.842	0.205
5	27	23.231	23.214	-0.017
5	28	23.271	23.258	-0.013
5	29	23.257	23.227	-0.030
10	30	23.502	23.456	-0.046
10	31	23.889	23.747	-0.142
10	32	23.414	23.360	-0.054
10	33	23.804	23.750	-0.054
10	34	22.755	22.630	-0.125
15	35	23.105	23.116	0.011
15	36	23.150	23.126	-0.024
15	37	23.788	23.658	-0.130
15	38	24.028	23.960	-0.068
15	39	23.228	23.221	-0.007
30	40	23.724	23.624	-0.100
30	41	23.137	23.050	-0.087
30	42	23.304	23.296	-0.008
30	43	23.580	23.531	-0.049
30	44	22.775	22.916	0.141
35	45	23.542	23.468	-0.074
35	46	23.954	23.812	-0.142
35	47	23.032	23.258	0.226
35	48	23.492	23.489	-0.003
35	49	23.459	23.595	0.136
50	50	23.984	23.749	-0.235
50	51	23.464	23.408	-0.056
50	52	23.701	23.473	-0.228
50	53	23.982	23.860	-0.122
50	54	22.994	22.936	-0.058
55	55	23.054	23.251	0.197
55	56	23.584	23.328	-0.256
55	57	23.923	24.016	0.093
55	58	23.162	23.241	0.079
55	59	23.968	23.767	-0.201
100	60	23.371	22.720	-0.651
100	61	22.911	23.002	0.091
100	62	23.869	24.068	0.199
100	63	22.769	23.025	0.256
100	64	22.972	23.060	0.088
105	65	23.485	23.520	0.035
105	66	23.978	23.903	-0.075
105	67	23.598	23.658	0.060
105	68	23.450	23.529	0.079
105	69	23.700	24.024	0.324
	Max	24.028	24.068	0.324
	Average	23.436	23.419	-0.017
	Min	22.755	22.630	-0.651
	Std Dev	0.354	0.349	0.159



	5.103_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.130	22.904	23.214	22.630	23.116	22.916	23.258	22.936	23.241	22.720	23.520
Average	23.220	23.434	23.354	23.389	23.416	23.283	23.524	23.485	23.521	23.175	23.727
Max	23.374	23.812	23.842	23.750	23.960	23.624	23.812	23.860	24.016	24.068	24.024
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

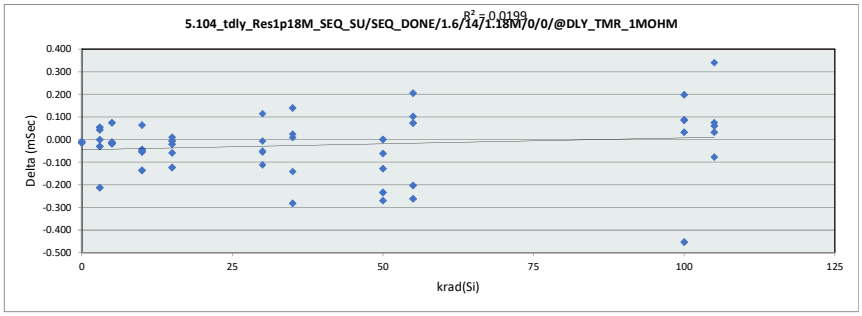


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

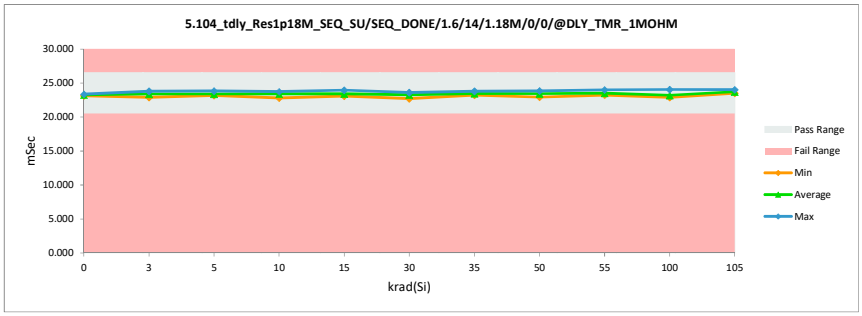
	5.104_tdly_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.348	23.334	-0.014
0	14	23.382	23.371	-0.011
0	15	23.166	23.158	-0.008
3	20	23.637	23.692	0.055
3	21	23.812	23.812	0.000
3	22	23.613	23.657	0.044
3	23	22.935	22.906	-0.029
3	24	23.118	22.906	-0.212
5	25	23.366	23.441	0.075
5	26	23.858	23.841	-0.017
5	27	23.232	23.215	-0.017
5	28	23.270	23.260	-0.010
5	29	23.248	23.234	-0.014
10	30	23.502	23.459	-0.043
10	31	23.890	23.755	-0.135
10	32	23.412	23.362	-0.050
10	33	23.805	23.751	-0.054
10	34	22.757	22.822	0.065
15	35	23.104	23.115	0.011
15	36	23.149	23.129	-0.020
15	37	23.789	23.666	-0.123
15	38	24.030	23.972	-0.058
15	39	23.228	23.223	-0.005
30	40	23.726	23.615	-0.111
30	41	23.137	23.253	0.116
30	42	23.305	23.299	-0.006
30	43	23.581	23.531	-0.050
30	44	22.776	22.722	-0.054
35	45	23.547	23.266	-0.281
35	46	23.956	23.816	-0.140
35	47	23.235	23.260	0.025
35	48	23.478	23.488	0.010
35	49	23.460	23.601	0.141
50	50	23.750	23.752	0.002
50	51	23.462	23.193	-0.269
50	52	23.699	23.466	-0.233
50	53	23.982	23.854	-0.128
50	54	22.996	22.935	-0.061
55	55	23.047	23.253	0.206
55	56	23.584	23.323	-0.261
55	57	23.918	24.021	0.103
55	58	23.166	23.240	0.074
55	59	23.971	23.769	-0.202
100	60	23.373	22.921	-0.452
100	61	22.913	23.001	0.088
100	62	23.872	24.071	0.199
100	63	22.993	23.026	0.033
100	64	22.974	23.061	0.087
105	65	23.488	23.521	0.033
105	66	23.979	23.903	-0.076
105	67	23.599	23.660	0.061
105	68	23.453	23.529	0.076
105	69	23.699	24.040	0.341
	Max	24.030	24.071	0.341
	Average	23.448	23.424	-0.025
	Min	22.757	22.722	-0.452
	Std Dev	0.343	0.343	0.134



	5.104_tdly_Res1p18M_S	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.158	22.906	23.215	22.822	23.115	22.722	23.260	22.935	23.240	22.921	23.521
Average	23.288	23.395	23.398	23.430	23.421	23.284	23.486	23.440	23.521	23.216	23.731
Max	23.371	23.812	23.841	23.755	23.972	23.615	23.816	23.854	24.021	24.071	24.040
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

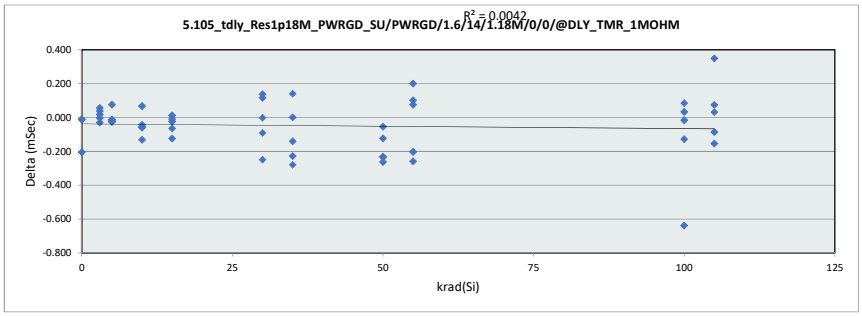


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

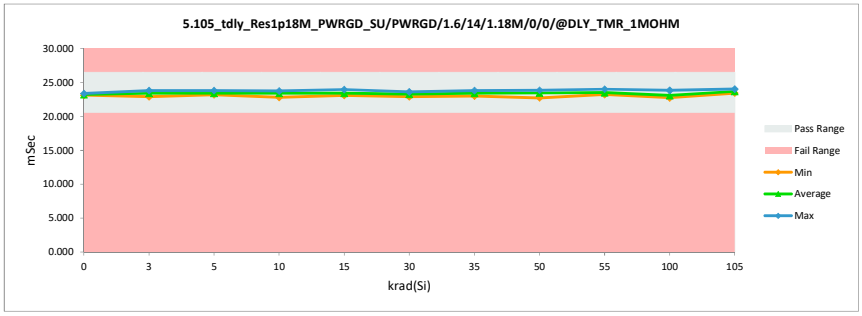
	5.105_tdly_Res1p18M_PW	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.344	23.140	-0.204
0	14	23.378	23.368	-0.010
0	15	23.164	23.151	-0.013
3	20	23.630	23.687	0.057
3	21	23.810	23.808	-0.002
3	22	23.609	23.648	0.039
3	23	22.929	22.900	-0.029
3	24	22.891	22.910	0.019
5	25	23.361	23.437	0.076
5	26	23.853	23.828	-0.025
5	27	23.228	23.210	-0.018
5	28	23.267	23.255	-0.012
5	29	23.253	23.230	-0.023
10	30	23.499	23.456	-0.043
10	31	23.884	23.753	-0.131
10	32	23.410	23.351	-0.059
10	33	23.802	23.747	-0.055
10	34	22.750	22.818	0.068
15	35	23.100	23.113	0.013
15	36	23.147	23.124	-0.023
15	37	23.786	23.662	-0.124
15	38	24.026	23.962	-0.064
15	39	23.226	23.217	-0.009
30	40	23.710	23.620	-0.090
30	41	23.134	23.251	0.117
30	42	23.294	23.293	-0.001
30	43	23.578	23.330	-0.248
30	44	22.770	22.908	0.138
35	45	23.542	23.263	-0.279
35	46	23.953	23.813	-0.140
35	47	23.231	23.004	-0.227
35	48	23.486	23.487	0.001
35	49	23.454	23.595	0.141
50	50	23.982	23.749	-0.233
50	51	23.458	23.404	-0.054
50	52	23.699	23.467	-0.232
50	53	23.978	23.855	-0.123
50	54	22.992	22.730	-0.262
55	55	23.048	23.249	0.201
55	56	23.581	23.323	-0.258
55	57	23.921	24.023	0.102
55	58	23.162	23.238	0.076
55	59	23.967	23.765	-0.202
100	60	23.368	22.731	-0.637
100	61	22.909	22.782	-0.127
100	62	23.866	23.851	-0.015
100	63	22.990	23.024	0.034
100	64	22.970	23.056	0.086
105	65	23.484	23.517	0.033
105	66	23.976	23.891	-0.085
105	67	23.595	23.442	-0.153
105	68	23.451	23.526	0.075
105	69	23.692	24.041	0.349
	Max	24.026	24.041	0.349
	Average	23.445	23.396	-0.049
	Min	22.750	22.730	-0.637
	Std Dev	0.354	0.351	0.152



	5.105_tdly_Res1p18M_P	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.140	22.900	23.210	22.818	23.113	22.908	23.004	22.730	23.238	22.731	23.442
Average	23.220	23.391	23.392	23.425	23.416	23.280	23.432	23.441	23.520	23.089	23.683
Max	23.368	23.808	23.828	23.753	23.962	23.620	23.813	23.855	24.023	23.851	24.041
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

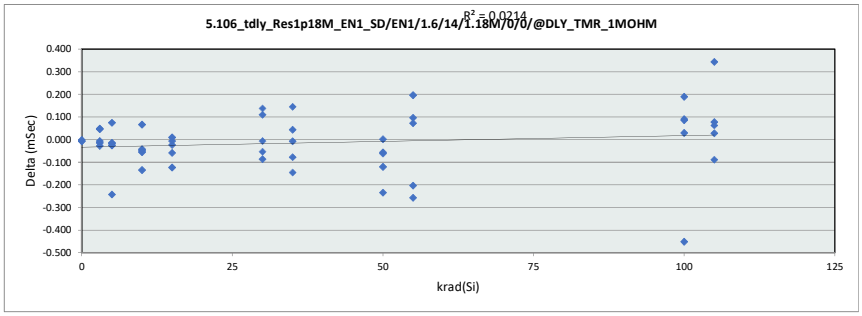


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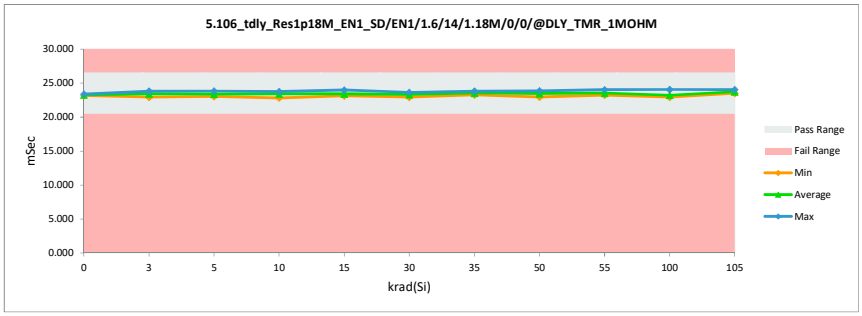
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.106_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.348	23.347	-0.001
0	14	23.391	23.386	-0.005
0	15	23.177	23.170	-0.007
3	20	23.645	23.694	0.049
3	21	23.823	23.809	-0.014
3	22	23.621	23.668	0.047
3	23	22.944	22.917	-0.027
3	24	23.126	23.120	-0.006
5	25	23.374	23.449	0.075
5	26	23.866	23.841	-0.025
5	27	23.241	23.223	-0.018
5	28	23.279	23.265	-0.014
5	29	23.266	23.024	-0.242
10	30	23.511	23.469	-0.042
10	31	23.899	23.765	-0.134
10	32	23.420	23.371	-0.049
10	33	23.813	23.758	-0.055
10	34	22.764	22.831	0.067
15	35	23.114	23.124	0.010
15	36	23.159	23.136	-0.023
15	37	23.798	23.675	-0.123
15	38	24.040	23.982	-0.058
15	39	23.238	23.232	-0.006
30	40	23.720	23.634	-0.086
30	41	23.147	23.257	0.110
30	42	23.313	23.307	-0.006
30	43	23.591	23.538	-0.053
30	44	22.782	22.920	0.138
35	45	23.554	23.477	-0.077
35	46	23.966	23.821	-0.145
35	47	23.216	23.260	0.044
35	48	23.497	23.490	-0.007
35	49	23.469	23.615	0.146
50	50	23.995	23.761	-0.234
50	51	23.474	23.418	-0.056
50	52	23.484	23.486	0.002
50	53	23.991	23.871	-0.120
50	54	23.004	22.943	-0.061
55	55	23.063	23.260	0.197
55	56	23.595	23.338	-0.257
55	57	23.938	24.035	0.097
55	58	23.175	23.248	0.073
55	59	23.980	23.777	-0.203
100	60	23.382	22.931	-0.451
100	61	22.920	23.011	0.091
100	62	23.873	24.063	0.190
100	63	23.003	23.033	0.030
100	64	22.983	23.070	0.087
105	65	23.498	23.527	0.029
105	66	23.988	23.900	-0.088
105	67	23.607	23.670	0.063
105	68	23.462	23.540	0.078
105	69	23.708	24.052	0.344
	Max	24.040	24.063	0.344
	Average	23.457	23.444	-0.014
	Min	22.764	22.831	-0.451
	Std Dev	0.347	0.332	0.126



	5.106_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.170	22.917	23.024	22.831	23.124	22.920	23.260	22.943	23.248	22.931	23.527
Average	23.301	23.442	23.360	23.439	23.430	23.331	23.533	23.496	23.532	23.222	23.738
Max	23.386	23.809	23.841	23.765	23.982	23.634	23.821	23.871	24.035	24.063	24.052
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

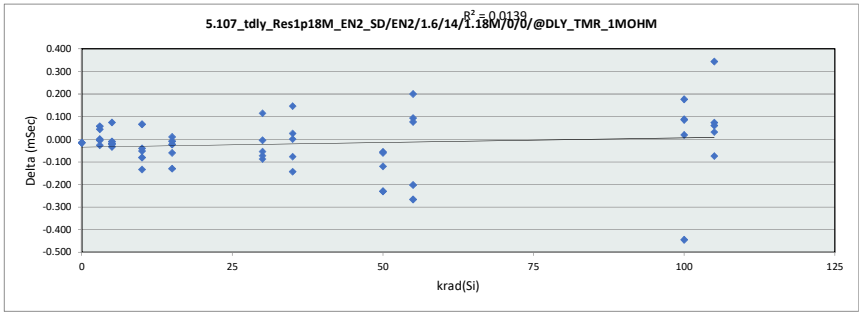


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

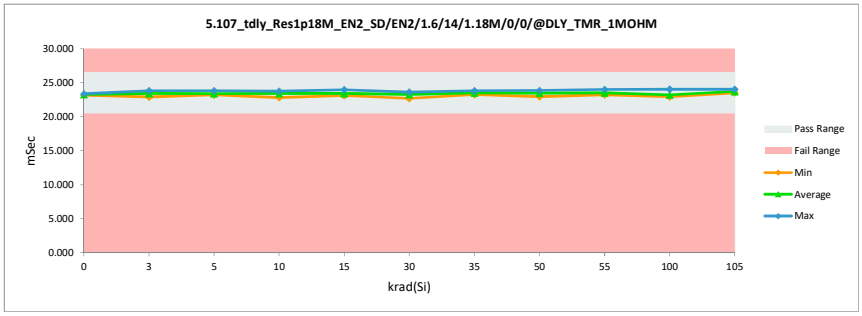
	5.107_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.356	23.341	-0.015
0	14	23.391	23.377	-0.014
0	15	23.176	23.160	-0.016
3	20	23.646	23.704	0.058
3	21	23.822	23.823	0.001
3	22	23.623	23.668	0.045
3	23	22.944	22.918	-0.026
3	24	23.127	23.123	-0.004
5	25	23.374	23.449	0.075
5	26	23.865	23.832	-0.033
5	27	23.242	23.224	-0.018
5	28	23.279	23.269	-0.010
5	29	23.267	23.244	-0.023
10	30	23.510	23.470	-0.040
10	31	23.899	23.766	-0.133
10	32	23.422	23.370	-0.052
10	33	23.816	23.736	-0.080
10	34	22.765	22.832	0.067
15	35	23.113	23.124	0.011
15	36	23.159	23.137	-0.022
15	37	23.798	23.668	-0.130
15	38	24.040	23.980	-0.060
15	39	23.237	23.229	-0.008
30	40	23.721	23.634	-0.087
30	41	23.147	23.262	0.115
30	42	23.312	23.308	-0.004
30	43	23.592	23.538	-0.054
30	44	22.780	22.708	-0.072
35	45	23.555	23.478	-0.077
35	46	23.966	23.823	-0.143
35	47	23.245	23.271	0.026
35	48	23.499	23.500	0.001
35	49	23.467	23.614	0.147
50	50	23.990	23.760	-0.230
50	51	23.474	23.419	-0.055
50	52	23.711	23.481	-0.230
50	53	23.992	23.873	-0.119
50	54	23.005	22.945	-0.060
55	55	23.061	23.262	0.201
55	56	23.593	23.327	-0.266
55	57	23.932	24.026	0.094
55	58	23.173	23.250	0.077
55	59	23.979	23.777	-0.202
100	60	23.382	22.938	-0.444
100	61	22.922	23.011	0.089
100	62	23.878	24.055	0.177
100	63	23.005	23.025	0.020
100	64	22.984	23.070	0.086
105	65	23.498	23.530	0.032
105	66	23.988	23.914	-0.074
105	67	23.606	23.667	0.061
105	68	23.464	23.538	0.074
105	69	23.711	24.055	0.344
	Max	24.040	24.055	0.344
	Average	23.462	23.443	-0.019
	Min	22.765	22.708	-0.444
	Std Dev	0.348	0.336	0.124



	5.107_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.160	22.918	23.224	22.832	23.124	22.708	23.271	22.945	23.250	22.938	23.530
Average	23.293	23.447	23.404	23.435	23.428	23.290	23.537	23.496	23.528	23.220	23.741
Max	23.377	23.823	23.832	23.766	23.980	23.634	23.823	23.873	24.026	24.055	24.055
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

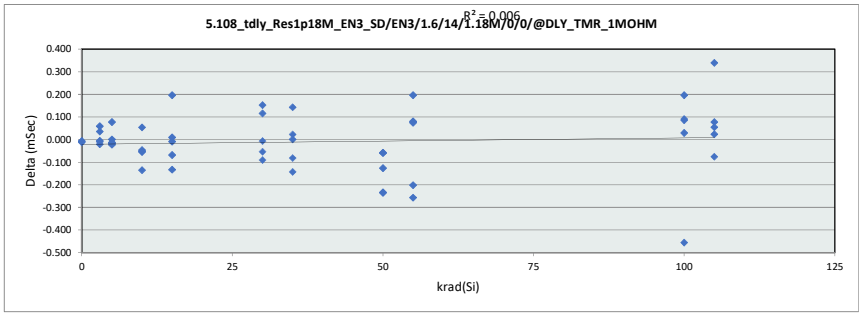


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

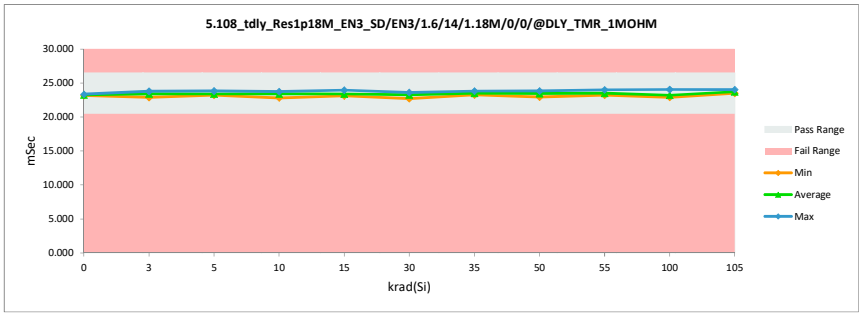
	5.108_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.347	23.340	-0.007
0	14	23.385	23.373	-0.012
0	15	23.169	23.163	-0.006
3	20	23.640	23.699	0.059
3	21	23.818	23.813	-0.005
3	22	23.617	23.653	0.036
3	23	22.922	22.902	-0.020
3	24	23.121	23.112	-0.009
5	25	23.364	23.442	0.078
5	26	23.843	23.844	0.001
5	27	23.232	23.216	-0.016
5	28	23.273	23.260	-0.013
5	29	23.259	23.237	-0.022
10	30	23.504	23.458	-0.046
10	31	23.892	23.757	-0.135
10	32	23.415	23.364	-0.051
10	33	23.808	23.753	-0.055
10	34	22.759	22.813	0.054
15	35	23.108	23.118	0.010
15	36	22.935	23.132	0.197
15	37	23.788	23.655	-0.133
15	38	24.035	23.967	-0.068
15	39	23.232	23.224	-0.008
30	40	23.718	23.628	-0.090
30	41	23.141	23.257	0.116
30	42	23.306	23.300	-0.006
30	43	23.586	23.533	-0.053
30	44	22.559	22.712	0.153
35	45	23.550	23.469	-0.081
35	46	23.959	23.817	-0.142
35	47	23.230	23.253	0.023
35	48	23.493	23.494	0.001
35	49	23.461	23.604	0.143
50	50	23.991	23.756	-0.235
50	51	23.470	23.411	-0.059
50	52	23.707	23.474	-0.233
50	53	23.988	23.862	-0.126
50	54	22.998	22.940	-0.058
55	55	23.056	23.253	0.197
55	56	23.587	23.331	-0.256
55	57	23.930	24.011	0.081
55	58	23.170	23.245	0.075
55	59	23.972	23.771	-0.201
100	60	23.376	22.921	-0.455
100	61	22.913	23.004	0.091
100	62	23.871	24.068	0.197
100	63	22.998	23.028	0.030
100	64	22.977	23.063	0.086
105	65	23.491	23.515	0.024
105	66	23.981	23.906	-0.075
105	67	23.602	23.657	0.055
105	68	23.456	23.534	0.078
105	69	23.704	24.044	0.340
	Max	24.035	24.068	0.340
	Average	23.447	23.437	-0.010
	Min	22.559	22.712	-0.455
	Std Dev	0.363	0.336	0.130



	5.108_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.163	22.902	23.216	22.813	23.118	22.712	23.253	22.940	23.245	22.921	23.515
Average	23.292	23.436	23.400	23.429	23.419	23.286	23.527	23.489	23.522	23.217	23.731
Max	23.373	23.813	23.844	23.757	23.967	23.628	23.817	23.862	24.011	24.068	24.044
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

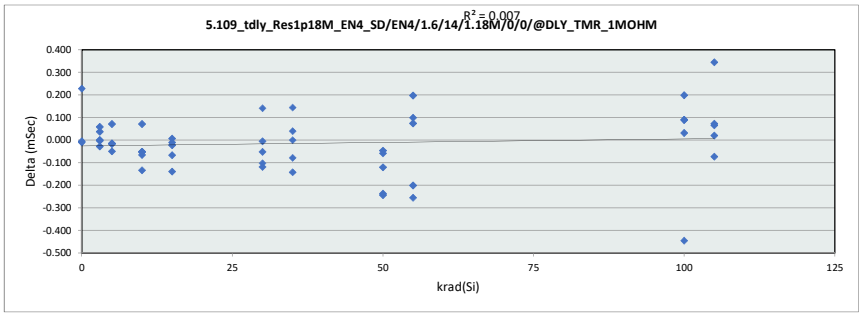


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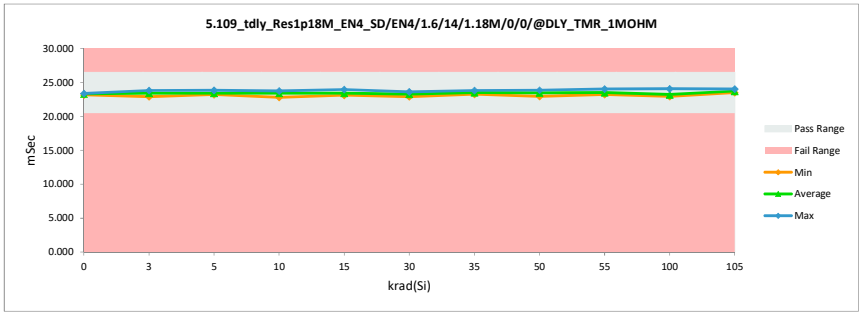
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.109_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.119	23.348	0.229
0	14	23.390	23.380	-0.010
0	15	23.176	23.171	-0.005
3	20	23.643	23.702	0.059
3	21	23.822	23.823	0.001
3	22	23.619	23.657	0.038
3	23	22.943	22.915	-0.028
3	24	23.126	23.123	-0.003
5	25	23.375	23.447	0.072
5	26	23.866	23.850	-0.016
5	27	23.238	23.223	-0.015
5	28	23.277	23.263	-0.014
5	29	23.264	23.215	-0.049
10	30	23.508	23.457	-0.051
10	31	23.897	23.764	-0.133
10	32	23.419	23.368	-0.051
10	33	23.814	23.749	-0.065
10	34	22.757	22.829	0.072
15	35	23.116	23.124	0.008
15	36	23.158	23.136	-0.022
15	37	23.798	23.659	-0.139
15	38	24.041	23.975	-0.066
15	39	23.236	23.226	-0.010
30	40	23.734	23.632	-0.102
30	41	23.145	23.027	-0.118
30	42	23.312	23.307	-0.005
30	43	23.590	23.539	-0.051
30	44	22.784	22.926	0.142
35	45	23.555	23.477	-0.078
35	46	23.965	23.823	-0.142
35	47	23.228	23.268	0.040
35	48	23.497	23.497	0.000
35	49	23.468	23.613	0.145
50	50	23.996	23.760	-0.236
50	51	23.473	23.415	-0.058
50	52	23.712	23.469	-0.243
50	53	23.989	23.869	-0.120
50	54	22.989	22.943	-0.046
55	55	23.062	23.260	0.198
55	56	23.584	23.329	-0.255
55	57	23.936	24.036	0.100
55	58	23.174	23.249	0.075
55	59	23.977	23.777	-0.200
100	60	23.380	22.935	-0.445
100	61	22.919	23.009	0.090
100	62	23.878	24.077	0.199
100	63	23.002	23.034	0.032
100	64	22.981	23.071	0.090
105	65	23.494	23.515	0.021
105	66	23.987	23.914	-0.073
105	67	23.605	23.671	0.066
105	68	23.464	23.537	0.073
105	69	23.708	24.053	0.345
	Max	24.041	24.077	0.345
	Average	23.456	23.442	-0.014
	Min	22.757	22.829	-0.445
	Std Dev	0.352	0.333	0.131



	5.109_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.171	22.915	23.215	22.829	23.124	22.926	23.268	22.943	23.249	22.935	23.515
Average	23.300	23.444	23.400	23.433	23.424	23.286	23.536	23.491	23.530	23.225	23.738
Max	23.380	23.823	23.850	23.764	23.975	23.632	23.823	23.869	24.036	24.077	24.053
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

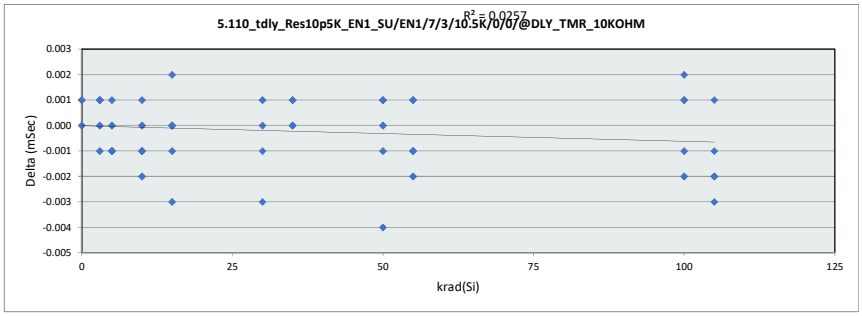


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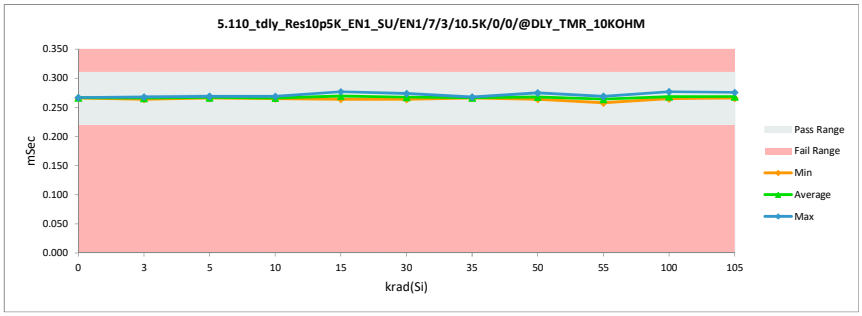
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.110_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.266	0.001
0	14	0.266	0.267	0.001
0	15	0.267	0.267	0.000
3	20	0.264	0.265	0.001
3	21	0.268	0.267	-0.001
3	22	0.267	0.268	0.001
3	23	0.266	0.266	0.000
3	24	0.263	0.264	0.001
5	25	0.269	0.269	0.000
5	26	0.267	0.266	-0.001
5	27	0.265	0.266	0.001
5	28	0.268	0.267	-0.001
5	29	0.268	0.267	-0.001
10	30	0.266	0.266	0.000
10	31	0.266	0.265	-0.001
10	32	0.264	0.265	0.001
10	33	0.270	0.269	-0.001
10	34	0.268	0.266	-0.002
15	35	0.265	0.264	-0.001
15	36	0.264	0.266	0.002
15	37	0.277	0.274	-0.003
15	38	0.277	0.277	0.000
15	39	0.267	0.267	0.000
30	40	0.268	0.268	0.000
30	41	0.266	0.265	-0.001
30	42	0.266	0.267	0.001
30	43	0.273	0.274	0.001
30	44	0.267	0.264	-0.003
35	45	0.268	0.268	0.000
35	46	0.266	0.266	0.000
35	47	0.266	0.267	0.001
35	48	0.266	0.267	0.001
35	49	0.265	0.266	0.001
50	50	0.270	0.266	-0.004
50	51	0.267	0.268	0.001
50	52	0.266	0.267	0.001
50	53	0.276	0.275	-0.001
50	54	0.264	0.264	0.000
55	55	0.259	0.258	-0.001
55	56	0.270	0.269	-0.001
55	57	0.268	0.269	0.001
55	58	0.258	0.259	0.001
55	59	0.268	0.266	-0.002
100	60	0.266	0.265	-0.001
100	61	0.267	0.268	0.001
100	62	0.275	0.277	0.002
100	63	0.268	0.266	-0.002
100	64	0.266	0.267	0.001
105	65	0.269	0.266	-0.003
105	66	0.275	0.276	0.001
105	67	0.270	0.269	-0.001
105	68	0.269	0.267	-0.002
105	69	0.268	0.266	-0.002
	Max	0.277	0.277	0.002
	Average	0.267	0.267	0.000
	Min	0.258	0.258	-0.004
	Std Dev	0.004	0.004	0.001



	5.110_tdly_Res10p5K_EI										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.264	0.266	0.265	0.264	0.264	0.266	0.264	0.258	0.265	0.266
Average	0.267	0.266	0.267	0.266	0.270	0.268	0.267	0.268	0.264	0.269	0.269
Max	0.267	0.268	0.269	0.269	0.277	0.274	0.268	0.275	0.269	0.277	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

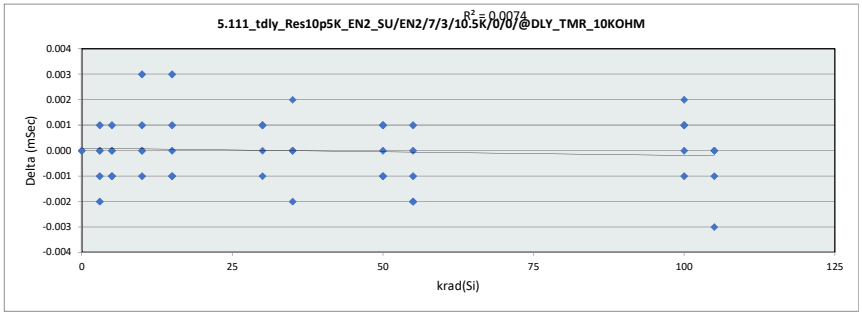


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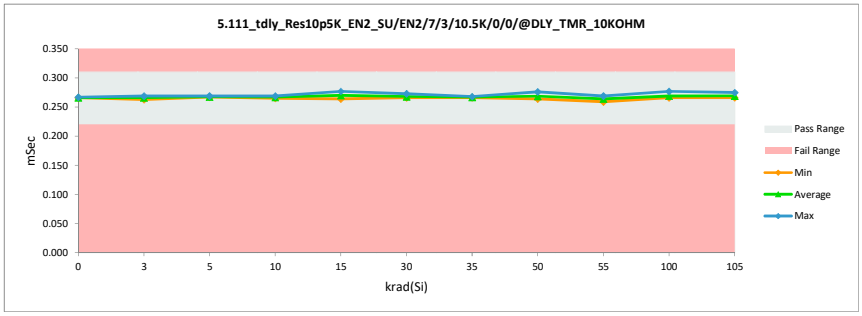
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.111_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.266	0.000
0	14	0.267	0.267	0.000
0	15	0.266	0.266	0.000
3	20	0.265	0.265	0.000
3	21	0.269	0.269	0.000
3	22	0.267	0.268	0.001
3	23	0.267	0.265	-0.002
3	24	0.264	0.263	-0.001
5	25	0.269	0.269	0.000
5	26	0.268	0.268	0.000
5	27	0.266	0.267	0.001
5	28	0.268	0.267	-0.001
5	29	0.268	0.267	-0.001
10	30	0.266	0.266	0.000
10	31	0.266	0.265	-0.001
10	32	0.264	0.267	0.003
10	33	0.269	0.269	0.000
10	34	0.267	0.268	0.001
15	35	0.265	0.266	0.001
15	36	0.265	0.264	-0.001
15	37	0.273	0.276	0.003
15	38	0.278	0.277	-0.001
15	39	0.267	0.267	0.000
30	40	0.267	0.267	0.000
30	41	0.265	0.266	0.001
30	42	0.268	0.267	-0.001
30	43	0.272	0.273	0.001
30	44	0.266	0.267	0.001
35	45	0.269	0.267	-0.002
35	46	0.266	0.268	0.002
35	47	0.267	0.267	0.000
35	48	0.267	0.267	0.000
35	49	0.266	0.266	0.000
50	50	0.269	0.268	-0.001
50	51	0.267	0.268	0.001
50	52	0.269	0.268	-0.001
50	53	0.276	0.276	0.000
50	54	0.263	0.264	0.001
55	55	0.259	0.260	0.001
55	56	0.269	0.269	0.000
55	57	0.269	0.267	-0.002
55	58	0.260	0.259	-0.001
55	59	0.268	0.266	-0.002
100	60	0.265	0.266	0.001
100	61	0.267	0.267	0.000
100	62	0.275	0.277	0.002
100	63	0.268	0.269	0.001
100	64	0.267	0.266	-0.001
105	65	0.268	0.268	0.000
105	66	0.275	0.275	0.000
105	67	0.271	0.270	-0.001
105	68	0.267	0.267	0.000
105	69	0.269	0.266	-0.003
	Max	0.278	0.277	0.003
	Average	0.268	0.268	0.000
	Min	0.259	0.259	-0.003
	Std Dev	0.003	0.004	0.001



	5.111_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.267	0.265	0.264	0.266	0.266	0.264	0.259	0.266	0.266
Average	0.266	0.266	0.268	0.267	0.270	0.268	0.267	0.269	0.264	0.269	0.269
Max	0.267	0.269	0.269	0.269	0.277	0.273	0.268	0.276	0.269	0.277	0.275
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

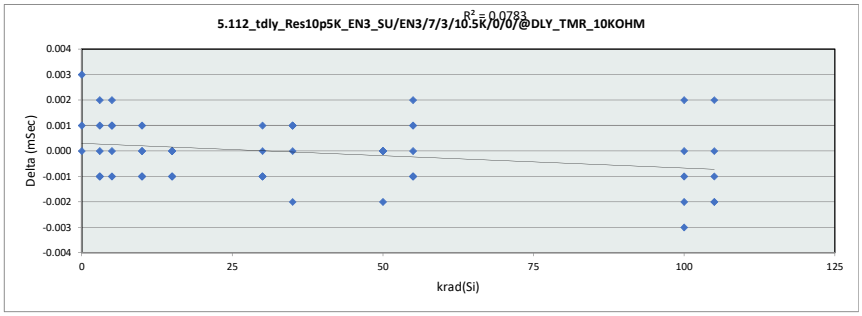


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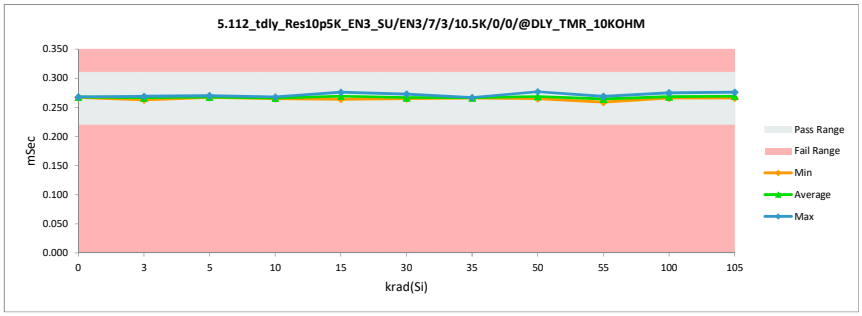
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.112_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.268	0.003
0	14	0.266	0.267	0.001
0	15	0.268	0.268	0.000
3	20	0.266	0.266	0.000
3	21	0.269	0.268	-0.001
3	22	0.268	0.269	0.001
3	23	0.265	0.267	0.002
3	24	0.264	0.263	-0.001
5	25	0.268	0.270	0.002
5	26	0.267	0.267	0.000
5	27	0.267	0.268	0.001
5	28	0.266	0.267	0.001
5	29	0.268	0.267	-0.001
10	30	0.266	0.266	0.000
10	31	0.266	0.266	0.000
10	32	0.264	0.265	0.001
10	33	0.269	0.268	-0.001
10	34	0.267	0.266	-0.001
15	35	0.266	0.266	0.000
15	36	0.265	0.264	-0.001
15	37	0.274	0.274	0.000
15	38	0.277	0.276	-0.001
15	39	0.266	0.266	0.000
30	40	0.267	0.266	-0.001
30	41	0.264	0.265	0.001
30	42	0.267	0.266	-0.001
30	43	0.273	0.273	0.000
30	44	0.266	0.265	-0.001
35	45	0.269	0.267	-0.002
35	46	0.266	0.267	0.001
35	47	0.266	0.266	0.000
35	48	0.266	0.267	0.001
35	49	0.265	0.266	0.001
50	50	0.268	0.268	0.000
50	51	0.267	0.267	0.000
50	52	0.269	0.267	-0.002
50	53	0.277	0.277	0.000
50	54	0.265	0.265	0.000
55	55	0.258	0.259	0.001
55	56	0.270	0.269	-0.001
55	57	0.267	0.269	0.002
55	58	0.260	0.260	0.000
55	59	0.267	0.266	-0.001
100	60	0.264	0.266	0.002
100	61	0.267	0.267	0.000
100	62	0.278	0.275	-0.003
100	63	0.269	0.267	-0.002
100	64	0.268	0.267	-0.001
105	65	0.268	0.268	0.000
105	66	0.274	0.276	0.002
105	67	0.271	0.269	-0.002
105	68	0.269	0.267	-0.002
105	69	0.267	0.266	-0.001
	Max	0.278	0.277	0.003
	Average	0.268	0.267	0.000
	Min	0.258	0.259	-0.003
	Std Dev	0.004	0.003	0.001



	5.112_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.263	0.267	0.265	0.264	0.265	0.266	0.265	0.259	0.266	0.266
Average	0.268	0.267	0.268	0.266	0.269	0.267	0.267	0.269	0.265	0.268	0.269
Max	0.268	0.269	0.270	0.268	0.276	0.273	0.267	0.277	0.269	0.275	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

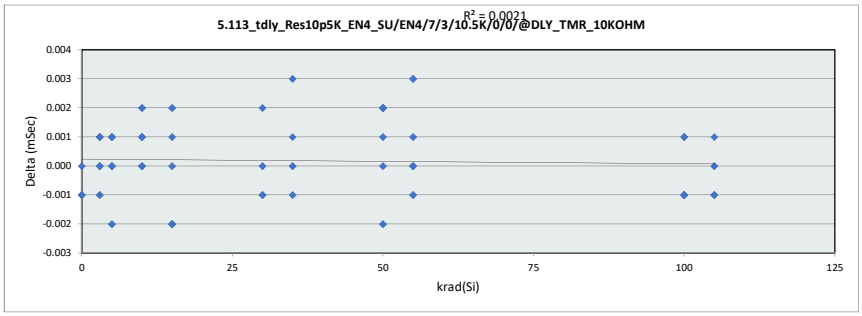


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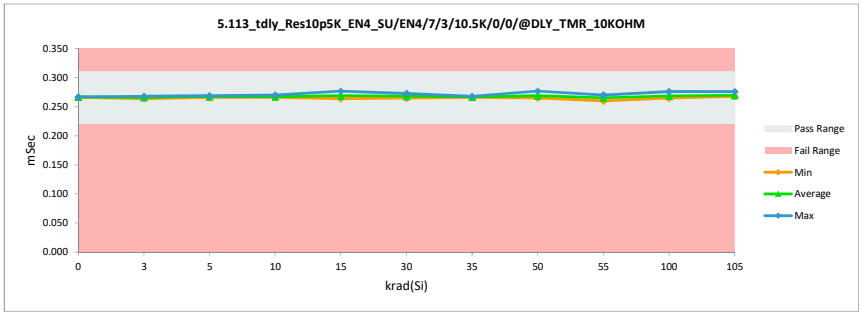
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.113_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.267	0.000
0	14	0.267	0.266	-0.001
0	15	0.268	0.267	-0.001
3	20	0.265	0.266	0.001
3	21	0.269	0.268	-0.001
3	22	0.268	0.268	0.000
3	23	0.266	0.266	0.000
3	24	0.263	0.264	0.001
5	25	0.268	0.269	0.001
5	26	0.269	0.267	-0.002
5	27	0.266	0.266	0.000
5	28	0.267	0.268	0.001
5	29	0.268	0.268	0.000
10	30	0.266	0.266	0.000
10	31	0.266	0.266	0.000
10	32	0.265	0.266	0.001
10	33	0.269	0.270	0.001
10	34	0.266	0.268	0.002
15	35	0.266	0.264	-0.002
15	36	0.264	0.266	0.002
15	37	0.275	0.273	-0.002
15	38	0.276	0.277	0.001
15	39	0.266	0.266	0.000
30	40	0.268	0.267	-0.001
30	41	0.266	0.265	-0.001
30	42	0.266	0.268	0.002
30	43	0.273	0.273	0.000
30	44	0.267	0.267	0.000
35	45	0.268	0.268	0.000
35	46	0.265	0.268	0.003
35	47	0.266	0.266	0.000
35	48	0.266	0.267	0.001
35	49	0.267	0.266	-0.001
50	50	0.270	0.268	-0.002
50	51	0.267	0.268	0.001
50	52	0.267	0.267	0.000
50	53	0.275	0.277	0.002
50	54	0.263	0.265	0.002
55	55	0.260	0.260	0.000
55	56	0.270	0.269	-0.001
55	57	0.267	0.270	0.003
55	58	0.260	0.260	0.000
55	59	0.267	0.268	0.001
100	60	0.266	0.265	-0.001
100	61	0.266	0.267	0.001
100	62	0.277	0.276	-0.001
100	63	0.268	0.269	0.001
100	64	0.267	0.266	-0.001
105	65	0.268	0.268	0.000
105	66	0.276	0.276	0.000
105	67	0.270	0.269	-0.001
105	68	0.269	0.268	-0.001
105	69	0.267	0.268	0.001
	Max	0.277	0.277	0.003
	Average	0.268	0.268	0.000
	Min	0.260	0.260	-0.002
	Std Dev	0.003	0.003	0.001



	5.113_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.264	0.266	0.266	0.264	0.265	0.266	0.265	0.260	0.265	0.268
Average	0.267	0.266	0.268	0.267	0.269	0.268	0.267	0.269	0.265	0.269	0.270
Max	0.267	0.268	0.269	0.270	0.277	0.273	0.268	0.277	0.270	0.276	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

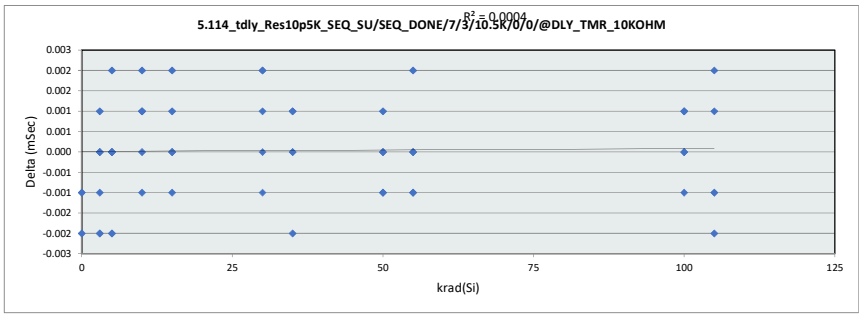


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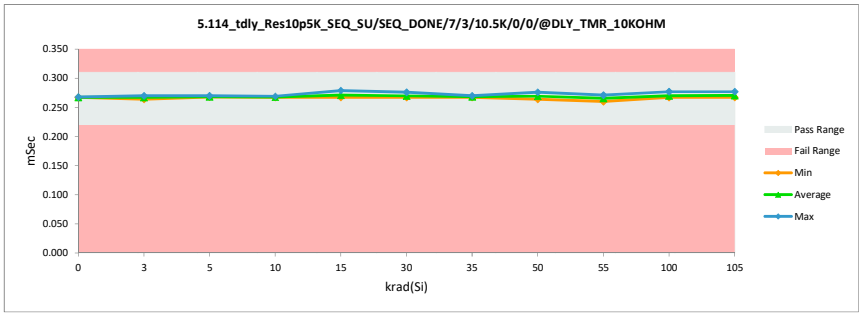
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.114_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.268	0.267	-0.001
0	14	0.269	0.267	-0.002
0	15	0.269	0.268	-0.001
3	20	0.267	0.265	-0.002
3	21	0.270	0.270	0.000
3	22	0.269	0.269	0.000
3	23	0.266	0.267	0.001
3	24	0.265	0.264	-0.001
5	25	0.270	0.270	0.000
5	26	0.268	0.268	0.000
5	27	0.268	0.268	0.000
5	28	0.270	0.268	-0.002
5	29	0.267	0.269	0.002
10	30	0.266	0.267	0.001
10	31	0.267	0.267	0.000
10	32	0.266	0.267	0.001
10	33	0.270	0.269	-0.001
10	34	0.267	0.269	0.002
15	35	0.266	0.267	0.001
15	36	0.267	0.267	0.000
15	37	0.276	0.275	-0.001
15	38	0.279	0.279	0.000
15	39	0.266	0.268	0.002
30	40	0.268	0.269	0.001
30	41	0.265	0.267	0.002
30	42	0.269	0.269	0.000
30	43	0.274	0.276	0.002
30	44	0.268	0.267	-0.001
35	45	0.269	0.270	0.001
35	46	0.268	0.269	0.001
35	47	0.269	0.267	-0.002
35	48	0.269	0.269	0.000
35	49	0.268	0.268	0.000
50	50	0.269	0.269	0.000
50	51	0.269	0.268	-0.001
50	52	0.267	0.268	0.001
50	53	0.277	0.276	-0.001
50	54	0.264	0.264	0.000
55	55	0.261	0.260	-0.001
55	56	0.269	0.271	0.002
55	57	0.268	0.268	0.000
55	58	0.262	0.262	0.000
55	59	0.269	0.268	-0.001
100	60	0.267	0.267	0.000
100	61	0.269	0.268	-0.001
100	62	0.277	0.277	0.000
100	63	0.269	0.270	0.001
100	64	0.267	0.268	0.001
105	65	0.268	0.267	-0.001
105	66	0.278	0.277	-0.001
105	67	0.273	0.271	-0.002
105	68	0.268	0.269	0.001
105	69	0.267	0.269	0.002
	Max	0.279	0.279	0.002
	Average	0.269	0.269	0.000
	Min	0.261	0.260	-0.002
	Std Dev	0.004	0.003	0.001



	5.114_tdly_Res10p5K_SI										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.264	0.268	0.267	0.267	0.267	0.267	0.264	0.260	0.267	0.267
Average	0.267	0.267	0.269	0.268	0.271	0.270	0.269	0.269	0.266	0.270	0.271
Max	0.268	0.270	0.270	0.269	0.279	0.276	0.270	0.276	0.271	0.277	0.277
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

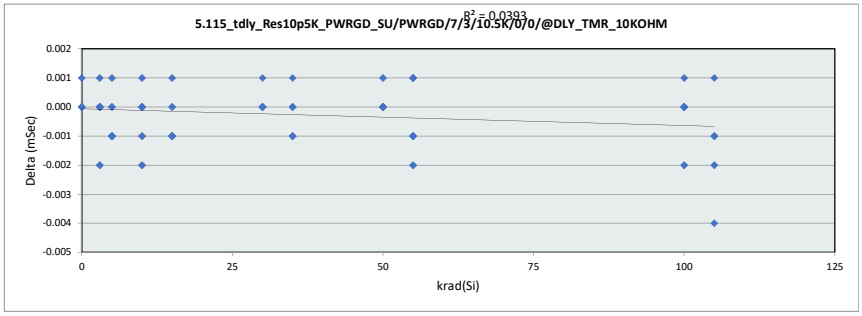


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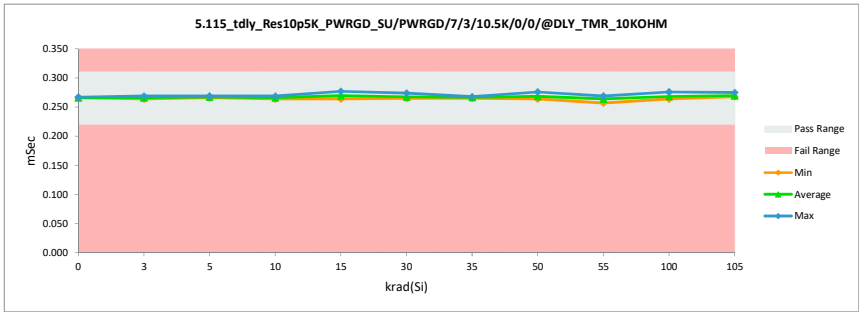
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.115_tdly_Res10p5K_PW	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.266	0.001
0	14	0.267	0.267	0.000
0	15	0.266	0.266	0.000
3	20	0.265	0.265	0.000
3	21	0.270	0.268	-0.002
3	22	0.268	0.269	0.001
3	23	0.265	0.265	0.000
3	24	0.264	0.264	0.000
5	25	0.269	0.268	-0.001
5	26	0.268	0.269	0.001
5	27	0.268	0.267	-0.001
5	28	0.266	0.266	0.000
5	29	0.268	0.267	-0.001
10	30	0.266	0.265	-0.001
10	31	0.265	0.265	0.000
10	32	0.266	0.264	-0.002
10	33	0.269	0.269	0.000
10	34	0.267	0.268	0.001
15	35	0.265	0.264	-0.001
15	36	0.264	0.265	0.001
15	37	0.275	0.275	0.000
15	38	0.278	0.277	-0.001
15	39	0.268	0.267	-0.001
30	40	0.267	0.267	0.000
30	41	0.264	0.265	0.001
30	42	0.267	0.267	0.000
30	43	0.274	0.274	0.000
30	44	0.265	0.265	0.000
35	45	0.268	0.268	0.000
35	46	0.267	0.266	-0.001
35	47	0.267	0.266	-0.001
35	48	0.267	0.268	0.001
35	49	0.265	0.265	0.000
50	50	0.268	0.268	0.000
50	51	0.267	0.267	0.000
50	52	0.267	0.268	0.001
50	53	0.276	0.276	0.000
50	54	0.264	0.264	0.000
55	55	0.259	0.257	-0.002
55	56	0.269	0.268	-0.001
55	57	0.268	0.269	0.001
55	58	0.259	0.260	0.001
55	59	0.267	0.266	-0.001
100	60	0.266	0.266	0.000
100	61	0.267	0.267	0.000
100	62	0.276	0.276	0.000
100	63	0.267	0.268	0.001
100	64	0.266	0.264	-0.002
105	65	0.267	0.268	0.001
105	66	0.279	0.275	-0.004
105	67	0.271	0.269	-0.002
105	68	0.269	0.268	-0.001
105	69	0.270	0.269	-0.001
	Max	0.279	0.277	0.001
	Average	0.268	0.267	0.000
	Min	0.259	0.257	-0.004
	Std Dev	0.004	0.004	0.001



	5.115_tdly_Res10p5K_P										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.264	0.266	0.264	0.264	0.265	0.265	0.264	0.257	0.264	0.268
Average	0.266	0.266	0.267	0.266	0.270	0.268	0.267	0.269	0.264	0.268	0.270
Max	0.267	0.269	0.269	0.269	0.277	0.274	0.268	0.276	0.269	0.276	0.275
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

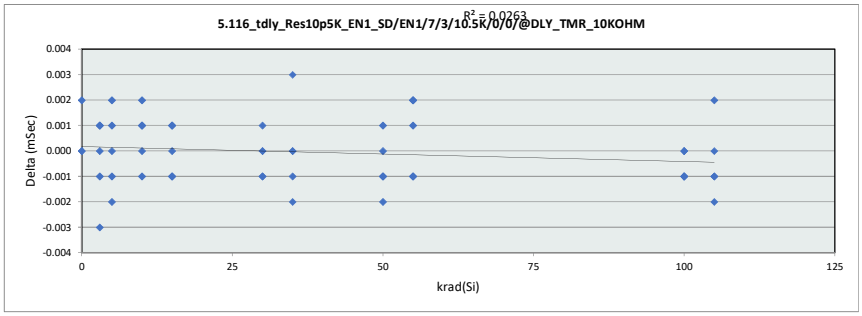


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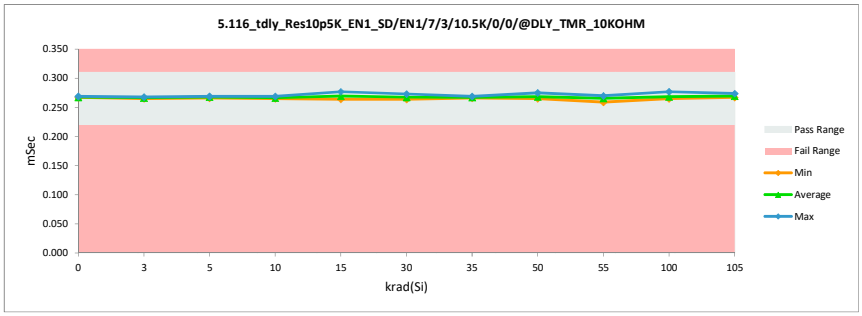
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.116_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.267	0.000
0	14	0.267	0.269	0.002
0	15	0.267	0.267	0.000
3	20	0.265	0.266	0.001
3	21	0.270	0.267	-0.003
3	22	0.269	0.268	-0.001
3	23	0.266	0.266	0.000
3	24	0.264	0.265	0.001
5	25	0.270	0.269	-0.001
5	26	0.267	0.267	0.000
5	27	0.267	0.268	0.001
5	28	0.268	0.266	-0.002
5	29	0.267	0.269	0.002
10	30	0.265	0.267	0.002
10	31	0.266	0.265	-0.001
10	32	0.264	0.265	0.001
10	33	0.269	0.269	0.000
10	34	0.266	0.267	0.001
15	35	0.265	0.265	0.000
15	36	0.265	0.264	-0.001
15	37	0.275	0.274	-0.001
15	38	0.276	0.277	0.001
15	39	0.267	0.268	0.001
30	40	0.268	0.268	0.000
30	41	0.265	0.264	-0.001
30	42	0.267	0.267	0.000
30	43	0.272	0.273	0.001
30	44	0.267	0.266	-0.001
35	45	0.269	0.269	0.000
35	46	0.268	0.266	-0.002
35	47	0.267	0.267	0.000
35	48	0.267	0.266	-0.001
35	49	0.265	0.268	0.003
50	50	0.270	0.268	-0.002
50	51	0.268	0.267	-0.001
50	52	0.268	0.267	-0.001
50	53	0.275	0.275	0.000
50	54	0.264	0.265	0.001
55	55	0.260	0.259	-0.001
55	56	0.271	0.270	-0.001
55	57	0.268	0.269	0.001
55	58	0.259	0.261	0.002
55	59	0.267	0.269	0.002
100	60	0.267	0.266	-0.001
100	61	0.267	0.266	-0.001
100	62	0.277	0.277	0.000
100	63	0.268	0.268	0.000
100	64	0.266	0.265	-0.001
105	65	0.268	0.267	-0.001
105	66	0.276	0.274	-0.002
105	67	0.270	0.269	-0.001
105	68	0.267	0.269	0.002
105	69	0.268	0.268	0.000
	Max	0.277	0.277	0.003
	Average	0.268	0.268	0.000
	Min	0.259	0.259	-0.003
	Std Dev	0.003	0.003	0.001



	5.116_tdly_Res10p5K_EN1										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.265	0.266	0.265	0.264	0.264	0.266	0.265	0.259	0.265	0.267
Average	0.268	0.266	0.268	0.267	0.270	0.268	0.267	0.268	0.266	0.268	0.269
Max	0.269	0.268	0.269	0.269	0.277	0.273	0.269	0.275	0.270	0.277	0.274
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

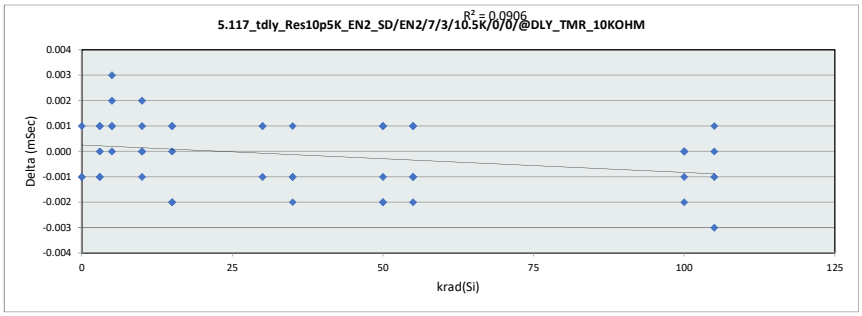


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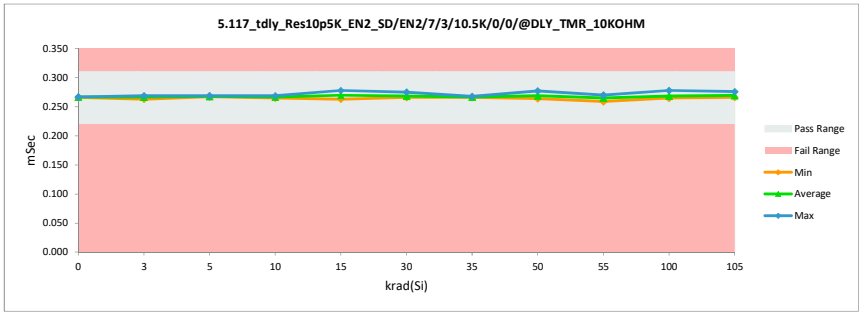
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.117_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.266	-0.001
0	14	0.266	0.267	0.001
0	15	0.268	0.267	-0.001
3	20	0.266	0.265	-0.001
3	21	0.268	0.269	0.001
3	22	0.269	0.268	-0.001
3	23	0.266	0.267	0.001
3	24	0.263	0.263	0.000
5	25	0.268	0.269	0.001
5	26	0.266	0.269	0.003
5	27	0.267	0.267	0.000
5	28	0.266	0.268	0.002
5	29	0.266	0.267	0.001
10	30	0.267	0.266	-0.001
10	31	0.265	0.265	0.000
10	32	0.266	0.266	0.000
10	33	0.268	0.269	0.001
10	34	0.266	0.268	0.002
15	35	0.265	0.266	0.001
15	36	0.265	0.263	-0.002
15	37	0.277	0.275	-0.002
15	38	0.278	0.278	0.000
15	39	0.266	0.267	0.001
30	40	0.268	0.267	-0.001
30	41	0.265	0.266	0.001
30	42	0.268	0.267	-0.001
30	43	0.274	0.275	0.001
30	44	0.266	0.267	0.001
35	45	0.269	0.268	-0.001
35	46	0.267	0.266	-0.001
35	47	0.268	0.266	-0.002
35	48	0.268	0.267	-0.001
35	49	0.266	0.267	0.001
50	50	0.269	0.267	-0.002
50	51	0.267	0.268	0.001
50	52	0.267	0.268	0.001
50	53	0.278	0.277	-0.001
50	54	0.266	0.264	-0.002
55	55	0.258	0.259	0.001
55	56	0.271	0.270	-0.001
55	57	0.269	0.270	0.001
55	58	0.261	0.260	-0.001
55	59	0.268	0.266	-0.002
100	60	0.267	0.265	-0.002
100	61	0.268	0.267	-0.001
100	62	0.278	0.278	0.000
100	63	0.267	0.267	0.000
100	64	0.265	0.265	0.000
105	65	0.267	0.266	-0.001
105	66	0.276	0.276	0.000
105	67	0.272	0.269	-0.003
105	68	0.267	0.268	0.001
105	69	0.268	0.267	-0.001
	Max	0.278	0.278	0.003
	Average	0.268	0.268	0.000
	Min	0.258	0.259	-0.003
	Std Dev	0.004	0.004	0.001



	5.117_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.263	0.267	0.265	0.263	0.266	0.266	0.264	0.259	0.265	0.266
Average	0.267	0.266	0.268	0.267	0.270	0.268	0.267	0.269	0.265	0.268	0.269
Max	0.267	0.269	0.269	0.269	0.278	0.275	0.268	0.277	0.270	0.278	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

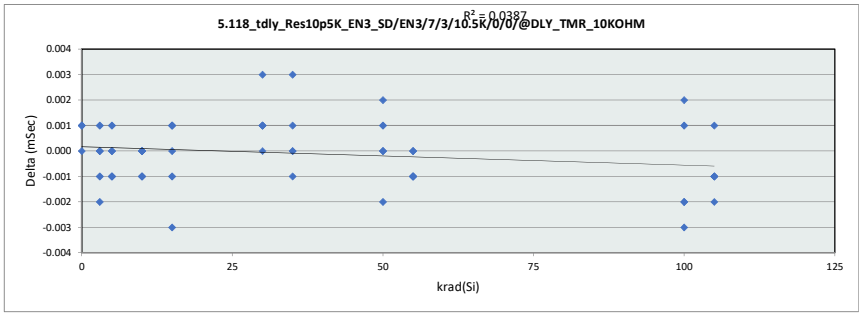


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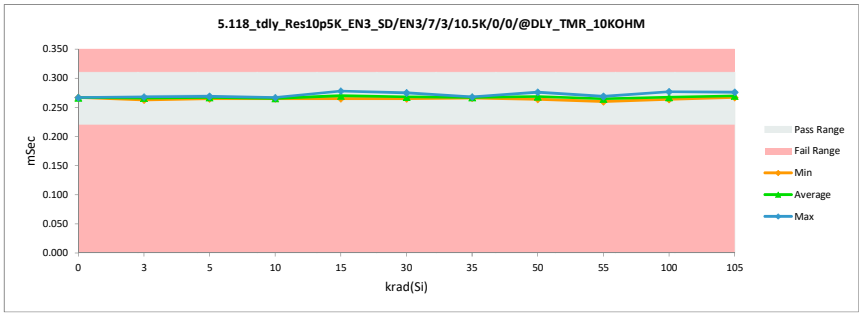
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.118_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.267	0.001
0	14	0.266	0.267	0.001
0	15	0.267	0.267	0.000
3	20	0.266	0.267	0.001
3	21	0.268	0.268	0.000
3	22	0.268	0.268	0.000
3	23	0.267	0.265	-0.002
3	24	0.264	0.263	-0.001
5	25	0.269	0.269	0.000
5	26	0.269	0.268	-0.001
5	27	0.266	0.265	-0.001
5	28	0.266	0.267	0.001
5	29	0.267	0.267	0.000
10	30	0.265	0.265	0.000
10	31	0.266	0.265	-0.001
10	32	0.266	0.266	0.000
10	33	0.268	0.267	-0.001
10	34	0.266	0.266	0.000
15	35	0.265	0.266	0.001
15	36	0.266	0.265	-0.001
15	37	0.277	0.274	-0.003
15	38	0.278	0.278	0.000
15	39	0.267	0.268	0.001
30	40	0.267	0.267	0.000
30	41	0.264	0.265	0.001
30	42	0.267	0.268	0.001
30	43	0.272	0.275	0.003
30	44	0.265	0.266	0.001
35	45	0.267	0.267	0.000
35	46	0.269	0.268	-0.001
35	47	0.266	0.266	0.000
35	48	0.266	0.267	0.001
35	49	0.265	0.268	0.003
50	50	0.268	0.268	0.000
50	51	0.266	0.268	0.002
50	52	0.269	0.267	-0.002
50	53	0.275	0.276	0.001
50	54	0.264	0.264	0.000
55	55	0.260	0.260	0.000
55	56	0.270	0.269	-0.001
55	57	0.269	0.268	-0.001
55	58	0.260	0.260	0.000
55	59	0.268	0.267	-0.001
100	60	0.265	0.266	0.001
100	61	0.267	0.265	-0.002
100	62	0.275	0.277	0.002
100	63	0.269	0.266	-0.003
100	64	0.266	0.264	-0.002
105	65	0.269	0.267	-0.002
105	66	0.277	0.276	-0.001
105	67	0.271	0.270	-0.001
105	68	0.268	0.267	-0.001
105	69	0.268	0.269	0.001
	Max	0.278	0.278	0.003
	Average	0.268	0.268	0.000
	Min	0.260	0.260	-0.003
	Std Dev	0.004	0.004	0.001



	5.118_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.263	0.265	0.265	0.265	0.265	0.266	0.264	0.260	0.264	0.267
Average	0.267	0.266	0.267	0.266	0.270	0.268	0.267	0.269	0.265	0.268	0.270
Max	0.267	0.268	0.269	0.267	0.278	0.275	0.268	0.276	0.269	0.277	0.276
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

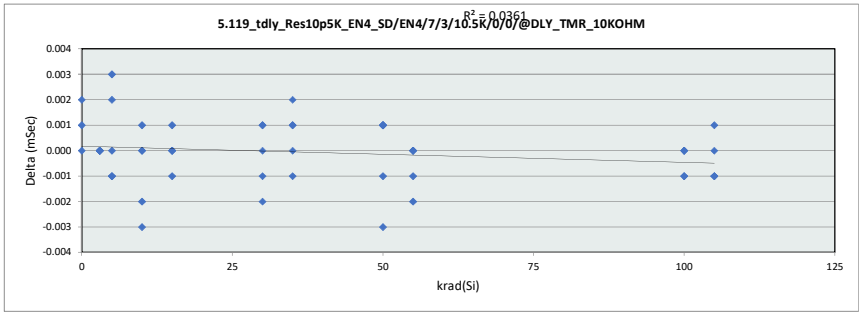


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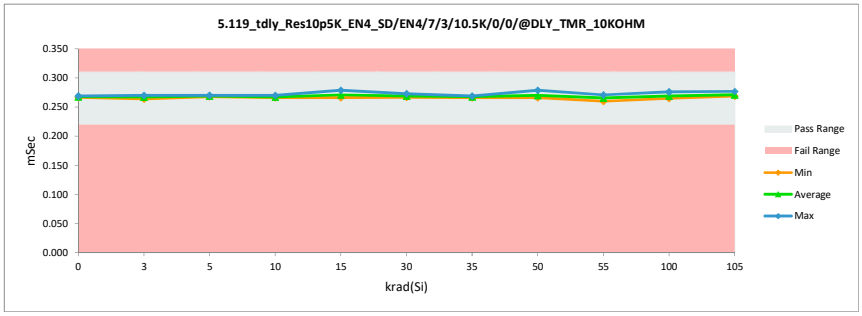
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.119_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.267	0.000
0	14	0.267	0.268	0.001
0	15	0.267	0.269	0.002
3	20	0.266	0.266	0.000
3	21	0.270	0.270	0.000
3	22	0.269	0.269	0.000
3	23	0.268	0.268	0.000
3	24	0.264	0.264	0.000
5	25	0.270	0.270	0.000
5	26	0.269	0.268	-0.001
5	27	0.266	0.269	0.003
5	28	0.267	0.269	0.002
5	29	0.270	0.269	-0.001
10	30	0.269	0.266	-0.003
10	31	0.266	0.266	0.000
10	32	0.265	0.266	0.001
10	33	0.272	0.270	-0.002
10	34	0.268	0.268	0.000
15	35	0.266	0.266	0.000
15	36	0.267	0.266	-0.001
15	37	0.276	0.276	0.000
15	38	0.278	0.279	0.001
15	39	0.267	0.267	0.000
30	40	0.268	0.268	0.000
30	41	0.266	0.267	0.001
30	42	0.267	0.268	0.001
30	43	0.275	0.273	-0.002
30	44	0.269	0.268	-0.001
35	45	0.268	0.269	0.001
35	46	0.267	0.267	0.000
35	47	0.267	0.268	0.001
35	48	0.267	0.269	0.002
35	49	0.267	0.266	-0.001
50	50	0.271	0.268	-0.003
50	51	0.268	0.269	0.001
50	52	0.270	0.269	-0.001
50	53	0.278	0.279	0.001
50	54	0.265	0.266	0.001
55	55	0.260	0.260	0.000
55	56	0.271	0.271	0.000
55	57	0.270	0.270	0.000
55	58	0.262	0.260	-0.002
55	59	0.268	0.267	-0.001
100	60	0.266	0.265	-0.001
100	61	0.268	0.268	0.000
100	62	0.277	0.276	-0.001
100	63	0.269	0.269	0.000
100	64	0.267	0.267	0.000
105	65	0.270	0.269	-0.001
105	66	0.278	0.277	-0.001
105	67	0.273	0.272	-0.001
105	68	0.269	0.269	0.000
105	69	0.268	0.269	0.001
	Max	0.278	0.279	0.003
	Average	0.269	0.269	0.000
	Min	0.260	0.260	-0.003
	Std Dev	0.004	0.004	0.001



	5.119_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.267	0.264	0.268	0.266	0.266	0.267	0.266	0.266	0.260	0.265	0.269
Average	0.268	0.267	0.269	0.267	0.271	0.269	0.268	0.270	0.266	0.269	0.271
Max	0.269	0.270	0.270	0.270	0.279	0.273	0.269	0.279	0.271	0.276	0.277
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

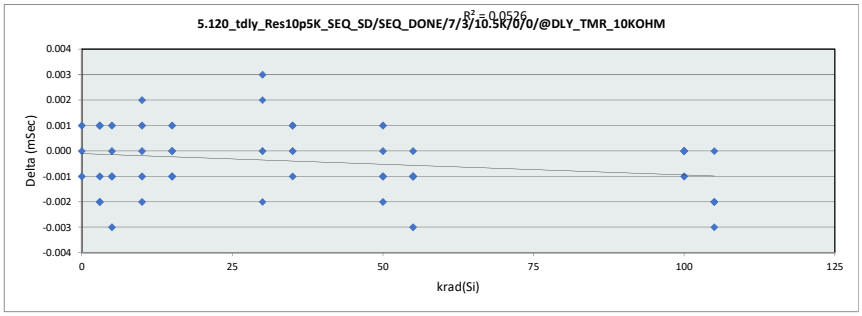


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

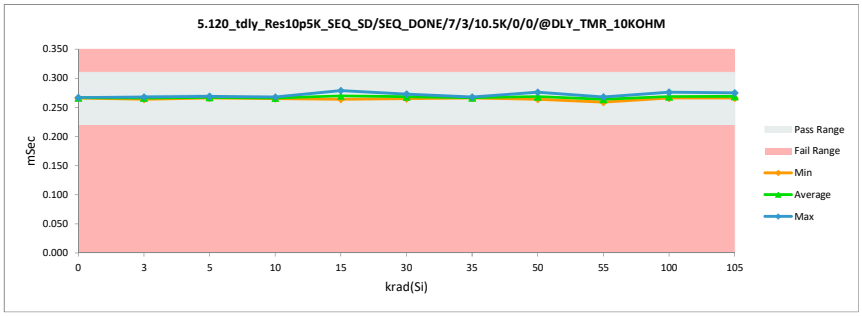
	5.120_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.267	0.001
0	14	0.267	0.266	-0.001
0	15	0.267	0.267	0.000
3	20	0.266	0.264	-0.002
3	21	0.269	0.267	-0.002
3	22	0.269	0.268	-0.001
3	23	0.266	0.267	0.001
3	24	0.264	0.265	0.001
5	25	0.270	0.269	-0.001
5	26	0.268	0.267	-0.001
5	27	0.265	0.266	0.001
5	28	0.270	0.267	-0.003
5	29	0.268	0.268	0.000
10	30	0.265	0.267	0.002
10	31	0.264	0.265	0.001
10	32	0.266	0.265	-0.001
10	33	0.270	0.268	-0.002
10	34	0.267	0.267	0.000
15	35	0.266	0.265	-0.001
15	36	0.265	0.264	-0.001
15	37	0.274	0.274	0.000
15	38	0.278	0.279	0.001
15	39	0.267	0.267	0.000
30	40	0.267	0.270	0.003
30	41	0.265	0.265	0.000
30	42	0.268	0.266	-0.002
30	43	0.273	0.273	0.000
30	44	0.265	0.267	0.002
35	45	0.269	0.268	-0.001
35	46	0.266	0.267	0.001
35	47	0.266	0.266	0.000
35	48	0.266	0.267	0.001
35	49	0.267	0.267	0.000
50	50	0.269	0.268	-0.001
50	51	0.267	0.268	0.001
50	52	0.267	0.267	0.000
50	53	0.278	0.276	-0.002
50	54	0.265	0.264	-0.001
55	55	0.260	0.259	-0.001
55	56	0.271	0.268	-0.003
55	57	0.267	0.267	0.000
55	58	0.260	0.259	-0.001
55	59	0.268	0.267	-0.001
100	60	0.266	0.266	0.000
100	61	0.267	0.267	0.000
100	62	0.277	0.276	-0.001
100	63	0.267	0.267	0.000
100	64	0.267	0.267	0.000
105	65	0.269	0.267	-0.002
105	66	0.277	0.275	-0.002
105	67	0.271	0.268	-0.003
105	68	0.268	0.268	0.000
105	69	0.268	0.266	-0.002
	Max	0.278	0.279	0.003
	Average	0.268	0.267	0.000
	Min	0.260	0.259	-0.003
	Std Dev	0.004	0.004	0.001



	5.120_tdly_Res10p5K_SI	
Test Site		
Tester		
Test Number		
Max Limit	0.31	mSec
Min Limit	0.22	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.266	0.264	0.266	0.265	0.264	0.265	0.266	0.264	0.259	0.266	0.266
Average	0.267	0.266	0.267	0.266	0.270	0.268	0.267	0.269	0.264	0.269	0.269
Max	0.267	0.268	0.269	0.268	0.279	0.273	0.268	0.276	0.268	0.276	0.275
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

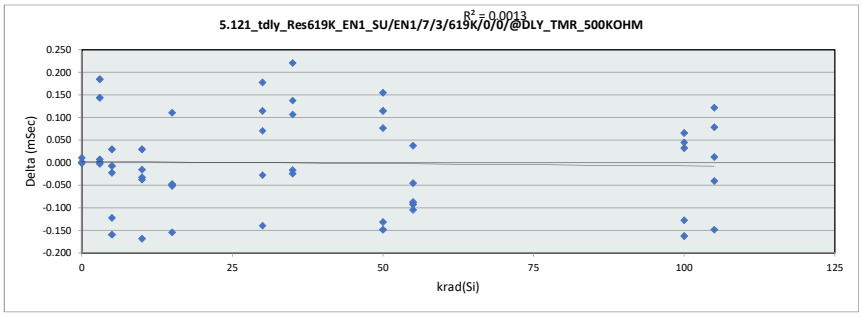


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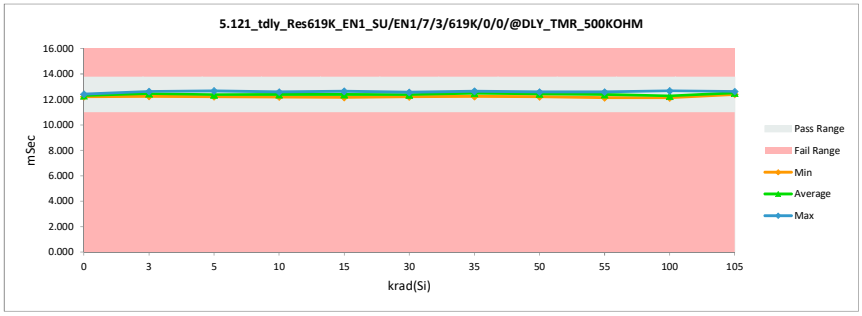
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.121_tdly_Res619K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.420	12.422	0.002
0	14	12.294	12.305	0.011
0	15	12.222	12.221	-0.001
3	20	12.553	12.551	-0.002
3	21	12.631	12.633	0.002
3	22	12.399	12.584	0.185
3	23	12.133	12.277	0.144
3	24	12.249	12.257	0.008
5	25	12.470	12.500	0.030
5	26	12.684	12.677	-0.007
5	27	12.250	12.228	-0.022
5	28	12.395	12.236	-0.159
5	29	12.400	12.278	-0.122
10	30	12.375	12.360	-0.015
10	31	12.610	12.578	-0.032
10	32	12.438	12.270	-0.168
10	33	12.626	12.589	-0.037
10	34	12.166	12.196	0.030
15	35	12.326	12.172	-0.154
15	36	12.350	12.299	-0.051
15	37	12.546	12.498	-0.048
15	38	12.690	12.643	-0.047
15	39	12.257	12.368	0.111
30	40	12.499	12.570	0.071
30	41	12.357	12.218	-0.139
30	42	12.318	12.433	0.115
30	43	12.470	12.443	-0.027
30	44	12.058	12.236	0.178
35	45	12.527	12.511	-0.016
35	46	12.536	12.643	0.107
35	47	12.263	12.239	-0.024
35	48	12.368	12.506	0.138
35	49	12.334	12.555	0.221
50	50	12.609	12.461	-0.148
50	51	12.315	12.470	0.155
50	52	12.417	12.494	0.077
50	53	12.721	12.590	-0.131
50	54	12.103	12.218	0.115
55	55	12.195	12.150	-0.045
55	56	12.565	12.473	-0.092
55	57	12.697	12.593	-0.104
55	58	12.283	12.321	0.038
55	59	12.526	12.439	-0.087
100	60	12.413	12.251	-0.162
100	61	12.098	12.131	0.033
100	62	12.620	12.686	0.066
100	63	12.307	12.180	-0.127
100	64	12.127	12.172	0.045
105	65	12.512	12.525	0.013
105	66	12.775	12.627	-0.148
105	67	12.495	12.455	-0.040
105	68	12.324	12.403	0.079
105	69	12.464	12.586	0.122
	Max	12.775	12.686	0.221
	Average	12.411	12.410	-0.001
	Min	12.058	12.131	-0.168
	Std Dev	0.177	0.164	0.101



	5.121_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.221	12.257	12.228	12.196	12.172	12.218	12.239	12.218	12.150	12.131	12.403
Average	12.316	12.460	12.384	12.399	12.396	12.380	12.491	12.447	12.395	12.284	12.519
Max	12.422	12.633	12.677	12.589	12.643	12.570	12.643	12.590	12.593	12.686	12.627
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

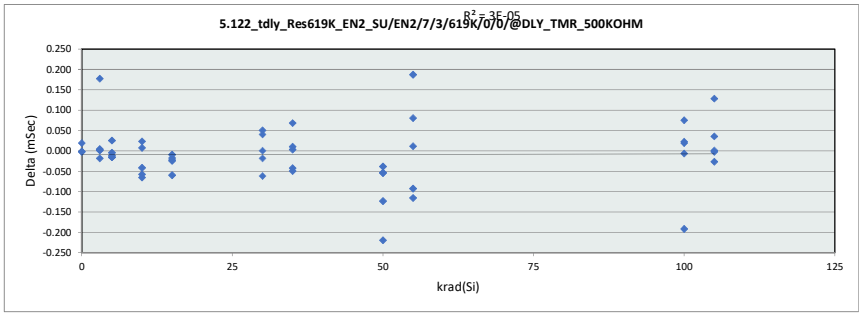


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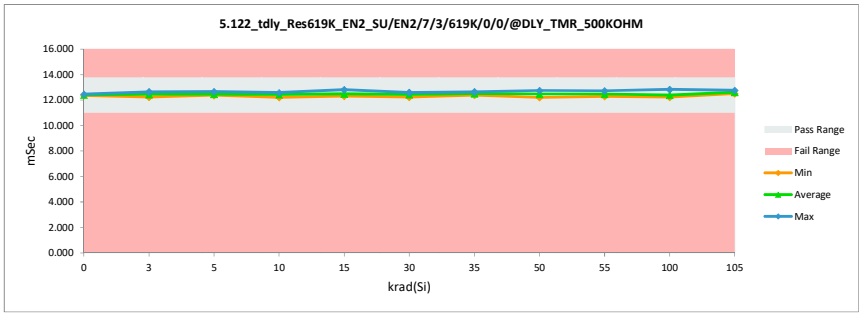
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.122_tdly_Res619K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.435	12.434	-0.001
0	14	12.467	12.465	-0.002
0	15	12.347	12.367	0.020
3	20	12.551	12.554	0.003
3	21	12.653	12.655	0.002
3	22	12.397	12.575	0.178
3	23	12.271	12.253	-0.018
3	24	12.276	12.281	0.005
5	25	12.453	12.479	0.026
5	26	12.674	12.670	-0.004
5	27	12.391	12.376	-0.015
5	28	12.407	12.396	-0.011
5	29	12.421	12.406	-0.015
10	30	12.487	12.495	0.008
10	31	12.636	12.571	-0.065
10	32	12.433	12.392	-0.041
10	33	12.641	12.584	-0.057
10	34	12.184	12.208	0.024
15	35	12.319	12.310	-0.009
15	36	12.334	12.317	-0.017
15	37	12.708	12.649	-0.059
15	38	12.842	12.820	-0.022
15	39	12.393	12.369	-0.024
30	40	12.633	12.572	-0.061
30	41	12.338	12.379	0.041
30	42	12.447	12.448	0.001
30	43	12.619	12.601	-0.018
30	44	12.178	12.229	0.051
35	45	12.534	12.492	-0.042
35	46	12.702	12.653	-0.049
35	47	12.391	12.395	0.004
35	48	12.519	12.530	0.011
35	49	12.483	12.552	0.069
50	50	12.751	12.628	-0.123
50	51	12.486	12.448	-0.038
50	52	12.586	12.367	-0.219
50	53	12.806	12.753	-0.053
50	54	12.262	12.208	-0.054
55	55	12.210	12.291	0.081
55	56	12.581	12.466	-0.115
55	57	12.547	12.735	0.188
55	58	12.298	12.310	0.012
55	59	12.699	12.607	-0.092
100	60	12.424	12.233	-0.191
100	61	12.257	12.277	0.020
100	62	12.764	12.840	0.076
100	63	12.313	12.307	-0.006
100	64	12.270	12.293	0.023
105	65	12.513	12.511	-0.002
105	66	12.792	12.766	-0.026
105	67	12.578	12.580	0.002
105	68	12.496	12.532	0.036
105	69	12.612	12.741	0.129
	Max	12.842	12.840	0.188
	Average	12.487	12.479	-0.008
	Min	12.178	12.208	-0.219
	Std Dev	0.172	0.167	0.070



	5.122_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.367	12.253	12.376	12.208	12.310	12.229	12.395	12.208	12.291	12.233	12.511
Average	12.422	12.464	12.465	12.450	12.493	12.446	12.524	12.481	12.482	12.390	12.626
Max	12.465	12.655	12.670	12.584	12.820	12.601	12.653	12.753	12.735	12.840	12.766
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

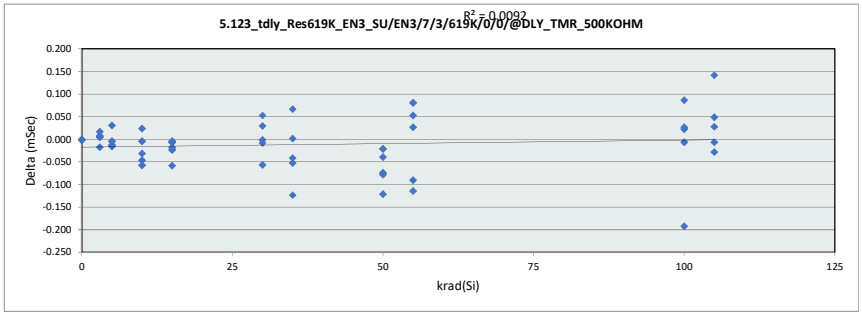


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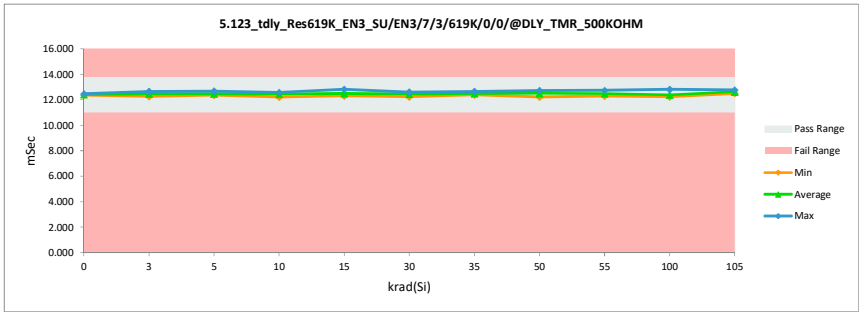
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.123_tdly_Res619K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.438	12.437	-0.001
0	14	12.468	12.468	0.000
0	15	12.369	12.368	-0.001
3	20	12.551	12.568	0.017
3	21	12.649	12.657	0.008
3	22	12.571	12.576	0.005
3	23	12.272	12.255	-0.017
3	24	12.278	12.284	0.006
5	25	12.455	12.486	0.031
5	26	12.676	12.672	-0.004
5	27	12.394	12.379	-0.015
5	28	12.411	12.399	-0.012
5	29	12.423	12.408	-0.015
10	30	12.501	12.497	-0.004
10	31	12.621	12.575	-0.046
10	32	12.434	12.403	-0.031
10	33	12.646	12.589	-0.057
10	34	12.185	12.209	0.024
15	35	12.322	12.315	-0.007
15	36	12.337	12.319	-0.018
15	37	12.711	12.653	-0.058
15	38	12.842	12.819	-0.023
15	39	12.397	12.393	-0.004
30	40	12.634	12.578	-0.056
30	41	12.339	12.369	0.030
30	42	12.446	12.445	-0.001
30	43	12.611	12.603	-0.008
30	44	12.181	12.234	0.053
35	45	12.534	12.493	-0.041
35	46	12.705	12.653	-0.052
35	47	12.394	12.396	0.002
35	48	12.518	12.395	-0.123
35	49	12.486	12.553	0.067
50	50	12.752	12.631	-0.121
50	51	12.485	12.464	-0.021
50	52	12.562	12.488	-0.074
50	53	12.810	12.732	-0.078
50	54	12.262	12.223	-0.039
55	55	12.214	12.295	0.081
55	56	12.583	12.469	-0.114
55	57	12.685	12.738	0.053
55	58	12.302	12.329	0.027
55	59	12.699	12.609	-0.090
100	60	12.426	12.234	-0.192
100	61	12.257	12.280	0.023
100	62	12.738	12.825	0.087
100	63	12.315	12.309	-0.006
100	64	12.269	12.296	0.027
105	65	12.510	12.504	-0.006
105	66	12.794	12.766	-0.028
105	67	12.579	12.607	0.028
105	68	12.486	12.535	0.049
105	69	12.614	12.756	0.142
	Max	12.842	12.825	0.142
	Average	12.493	12.482	-0.011
	Min	12.181	12.209	-0.192
	Std Dev	0.172	0.165	0.057



	5.123_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.368	12.255	12.379	12.209	12.315	12.234	12.395	12.223	12.295	12.234	12.504
Average	12.424	12.468	12.469	12.455	12.500	12.446	12.498	12.508	12.488	12.389	12.634
Max	12.468	12.657	12.672	12.589	12.819	12.603	12.653	12.732	12.738	12.825	12.766
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

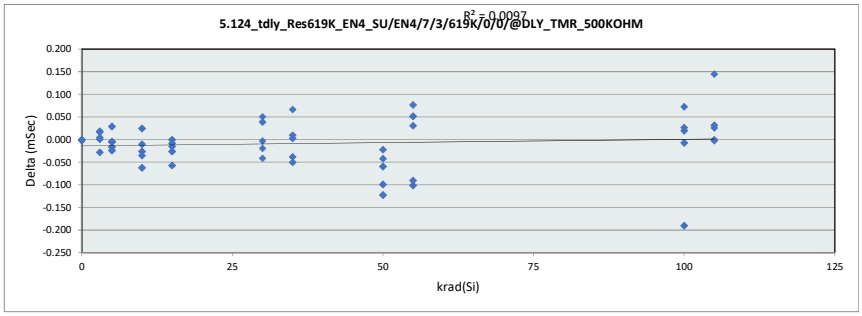


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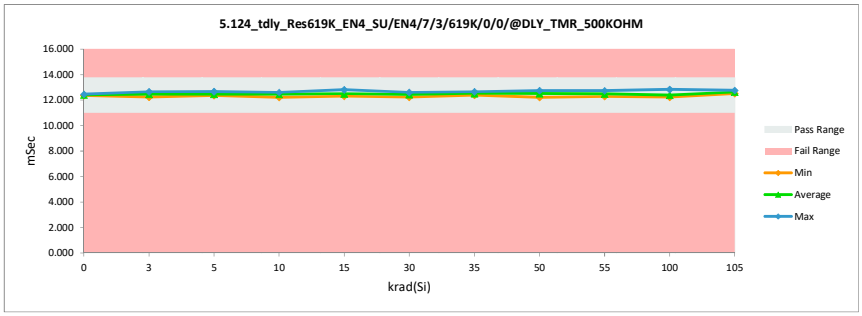
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.124_tdly_Res619K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.437	12.437	0.000
0	14	12.469	12.467	-0.002
0	15	12.370	12.370	0.000
3	20	12.553	12.572	0.019
3	21	12.655	12.656	0.001
3	22	12.575	12.592	0.017
3	23	12.276	12.248	-0.028
3	24	12.279	12.284	0.005
5	25	12.457	12.486	0.029
5	26	12.678	12.673	-0.005
5	27	12.395	12.379	-0.016
5	28	12.401	12.397	-0.004
5	29	12.425	12.401	-0.024
10	30	12.509	12.499	-0.010
10	31	12.639	12.577	-0.062
10	32	12.434	12.408	-0.026
10	33	12.645	12.610	-0.035
10	34	12.187	12.212	0.025
15	35	12.322	12.314	-0.008
15	36	12.337	12.322	-0.015
15	37	12.715	12.658	-0.057
15	38	12.845	12.819	-0.026
15	39	12.397	12.397	0.000
30	40	12.618	12.577	-0.041
30	41	12.342	12.381	0.039
30	42	12.451	12.448	-0.003
30	43	12.624	12.605	-0.019
30	44	12.184	12.235	0.051
35	45	12.535	12.497	-0.038
35	46	12.706	12.656	-0.050
35	47	12.396	12.399	0.003
35	48	12.522	12.532	0.010
35	49	12.487	12.554	0.067
50	50	12.755	12.633	-0.122
50	51	12.489	12.467	-0.022
50	52	12.590	12.491	-0.099
50	53	12.808	12.749	-0.059
50	54	12.265	12.223	-0.042
55	55	12.213	12.290	0.077
55	56	12.570	12.469	-0.101
55	57	12.686	12.738	0.052
55	58	12.298	12.329	0.031
55	59	12.700	12.610	-0.090
100	60	12.427	12.237	-0.190
100	61	12.261	12.281	0.020
100	62	12.768	12.841	0.073
100	63	12.316	12.309	-0.007
100	64	12.273	12.300	0.027
105	65	12.518	12.516	-0.002
105	66	12.770	12.770	0.000
105	67	12.582	12.608	0.026
105	68	12.501	12.533	0.032
105	69	12.615	12.760	0.145
	Max	12.845	12.841	0.145
	Average	12.496	12.487	-0.009
	Min	12.184	12.212	-0.190
	Std Dev	0.172	0.167	0.053



	5.124_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.370	12.248	12.379	12.212	12.314	12.235	12.399	12.223	12.290	12.237	12.516
Average	12.425	12.470	12.467	12.461	12.502	12.449	12.528	12.513	12.487	12.394	12.637
Max	12.467	12.656	12.673	12.610	12.819	12.605	12.656	12.749	12.738	12.841	12.770
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

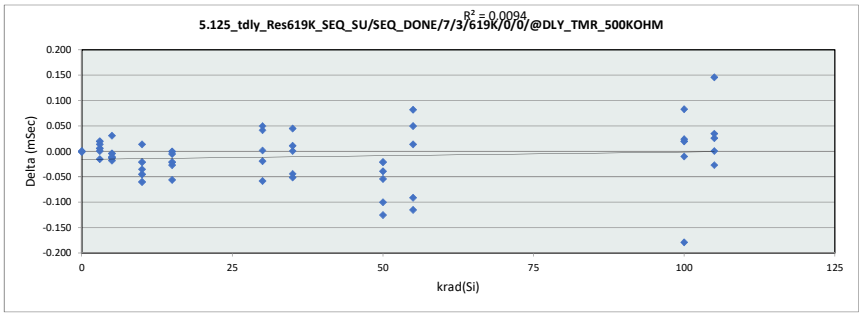


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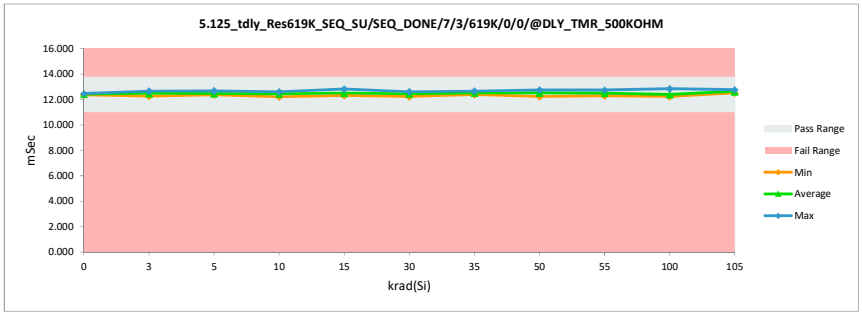
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.125_tdly_Res619K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.439	12.440	0.001
0	14	12.470	12.469	-0.001
0	15	12.370	12.370	0.000
3	20	12.554	12.574	0.020
3	21	12.657	12.658	0.001
3	22	12.579	12.593	0.014
3	23	12.275	12.260	-0.015
3	24	12.280	12.286	0.006
5	25	12.454	12.485	0.031
5	26	12.678	12.674	-0.004
5	27	12.394	12.381	-0.013
5	28	12.413	12.402	-0.011
5	29	12.426	12.408	-0.018
10	30	12.511	12.490	-0.021
10	31	12.638	12.578	-0.060
10	32	12.434	12.389	-0.045
10	33	12.645	12.610	-0.035
10	34	12.189	12.203	0.014
15	35	12.322	12.317	-0.005
15	36	12.339	12.318	-0.021
15	37	12.713	12.657	-0.056
15	38	12.849	12.822	-0.027
15	39	12.397	12.397	0.000
30	40	12.636	12.578	-0.058
30	41	12.341	12.383	0.042
30	42	12.449	12.451	0.002
30	43	12.624	12.605	-0.019
30	44	12.184	12.234	0.050
35	45	12.538	12.494	-0.044
35	46	12.707	12.656	-0.051
35	47	12.396	12.397	0.001
35	48	12.523	12.534	0.011
35	49	12.488	12.533	0.045
50	50	12.756	12.631	-0.125
50	51	12.487	12.466	-0.021
50	52	12.591	12.491	-0.100
50	53	12.811	12.757	-0.054
50	54	12.265	12.226	-0.039
55	55	12.215	12.297	0.082
55	56	12.586	12.471	-0.115
55	57	12.688	12.738	0.050
55	58	12.306	12.320	0.014
55	59	12.702	12.611	-0.091
100	60	12.415	12.236	-0.179
100	61	12.260	12.280	0.020
100	62	12.768	12.851	0.083
100	63	12.318	12.308	-0.010
100	64	12.273	12.297	0.024
105	65	12.518	12.519	0.001
105	66	12.798	12.771	-0.027
105	67	12.582	12.608	0.026
105	68	12.500	12.535	0.035
105	69	12.616	12.762	0.146
	Max	12.849	12.851	0.146
	Average	12.497	12.487	-0.010
	Min	12.184	12.203	-0.179
	Std Dev	0.173	0.168	0.053



	5.125_tdly_Res619K_SE										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.370	12.260	12.381	12.203	12.317	12.234	12.397	12.226	12.297	12.236	12.519
Average	12.426	12.474	12.470	12.454	12.502	12.450	12.523	12.514	12.487	12.394	12.639
Max	12.469	12.658	12.674	12.610	12.822	12.605	12.656	12.757	12.738	12.851	12.771
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

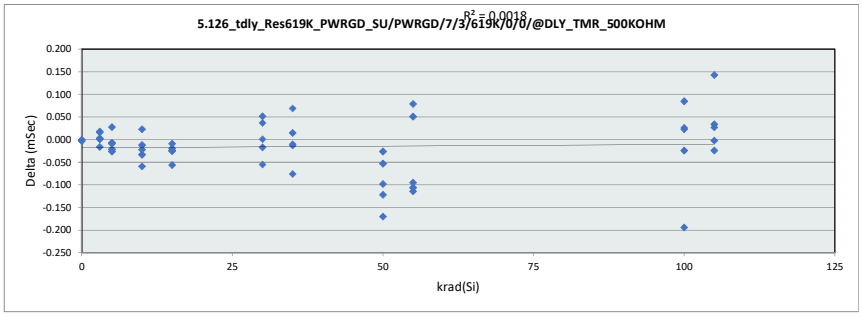


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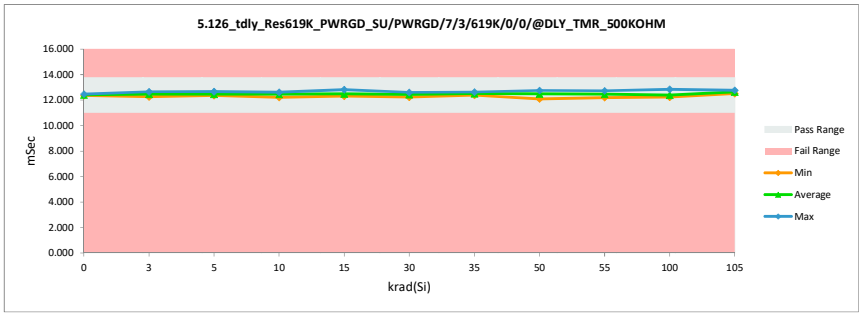
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.126_tdly_Res619K_PWR	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.439	12.439	0.000
0	14	12.473	12.470	-0.003
0	15	12.365	12.363	-0.002
3	20	12.554	12.572	0.018
3	21	12.657	12.660	0.003
3	22	12.578	12.594	0.016
3	23	12.276	12.260	-0.016
3	24	12.281	12.282	0.001
5	25	12.459	12.487	0.028
5	26	12.680	12.673	-0.007
5	27	12.396	12.370	-0.026
5	28	12.412	12.403	-0.009
5	29	12.427	12.406	-0.021
10	30	12.511	12.499	-0.012
10	31	12.639	12.580	-0.059
10	32	12.436	12.414	-0.022
10	33	12.646	12.613	-0.033
10	34	12.188	12.211	0.023
15	35	12.323	12.314	-0.009
15	36	12.340	12.321	-0.019
15	37	12.715	12.659	-0.056
15	38	12.847	12.822	-0.025
15	39	12.399	12.375	-0.024
30	40	12.635	12.580	-0.055
30	41	12.344	12.381	0.037
30	42	12.451	12.452	0.001
30	43	12.623	12.606	-0.017
30	44	12.185	12.237	0.052
35	45	12.507	12.494	-0.013
35	46	12.707	12.631	-0.076
35	47	12.399	12.389	-0.010
35	48	12.519	12.534	0.015
35	49	12.487	12.556	0.069
50	50	12.756	12.634	-0.122
50	51	12.489	12.463	-0.026
50	52	12.590	12.492	-0.098
50	53	12.811	12.758	-0.053
50	54	12.266	12.096	-0.170
55	55	12.216	12.295	0.079
55	56	12.586	12.472	-0.114
55	57	12.688	12.739	0.051
55	58	12.303	12.197	-0.106
55	59	12.704	12.609	-0.095
100	60	12.430	12.236	-0.194
100	61	12.259	12.282	0.023
100	62	12.768	12.853	0.085
100	63	12.318	12.294	-0.024
100	64	12.274	12.300	0.026
105	65	12.518	12.516	-0.002
105	66	12.796	12.772	-0.024
105	67	12.582	12.609	0.027
105	68	12.503	12.537	0.034
105	69	12.617	12.760	0.143
	Max	12.847	12.853	0.143
	Average	12.498	12.482	-0.015
	Min	12.185	12.096	-0.194
	Std Dev	0.173	0.176	0.060



	5.126_tdly_Res619K_PW										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.363	12.260	12.370	12.211	12.314	12.237	12.389	12.096	12.197	12.236	12.516
Average	12.424	12.474	12.468	12.463	12.498	12.451	12.521	12.489	12.462	12.393	12.639
Max	12.470	12.660	12.673	12.613	12.822	12.606	12.631	12.758	12.739	12.853	12.772
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

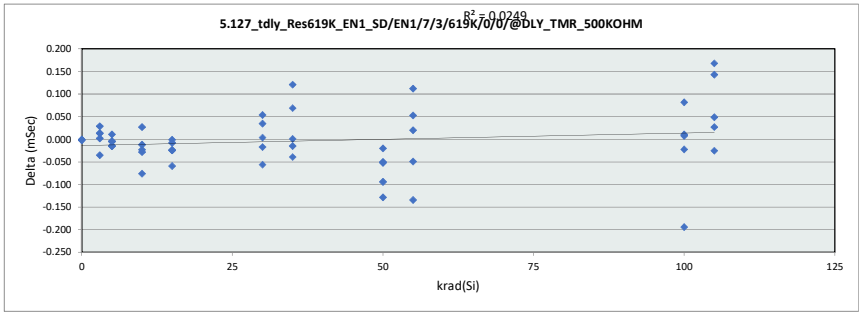


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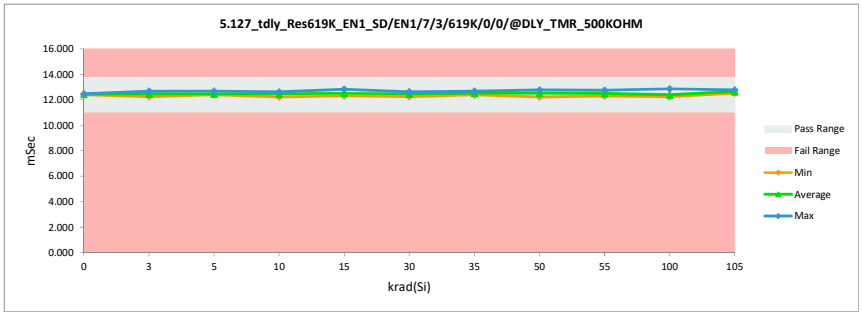
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.127_tdly_Res619K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.447	12.447	0.000
0	14	12.479	12.478	-0.001
0	15	12.380	12.378	-0.002
3	20	12.553	12.582	0.029
3	21	12.654	12.668	0.014
3	22	12.584	12.597	0.013
3	23	12.284	12.249	-0.035
3	24	12.290	12.292	0.002
5	25	12.465	12.476	0.011
5	26	12.687	12.683	-0.004
5	27	12.404	12.389	-0.015
5	28	12.419	12.414	-0.005
5	29	12.434	12.419	-0.015
10	30	12.519	12.507	-0.012
10	31	12.645	12.569	-0.076
10	32	12.445	12.422	-0.023
10	33	12.654	12.626	-0.028
10	34	12.196	12.223	0.027
15	35	12.331	12.323	-0.008
15	36	12.347	12.323	-0.024
15	37	12.724	12.665	-0.059
15	38	12.855	12.831	-0.024
15	39	12.407	12.406	-0.001
30	40	12.644	12.588	-0.056
30	41	12.353	12.388	0.035
30	42	12.458	12.462	0.004
30	43	12.632	12.615	-0.017
30	44	12.192	12.246	0.054
35	45	12.547	12.508	-0.039
35	46	12.543	12.664	0.121
35	47	12.404	12.389	-0.015
35	48	12.529	12.530	0.001
35	49	12.496	12.565	0.069
50	50	12.762	12.634	-0.128
50	51	12.497	12.477	-0.020
50	52	12.598	12.504	-0.094
50	53	12.820	12.768	-0.052
50	54	12.273	12.223	-0.050
55	55	12.194	12.306	0.112
55	56	12.596	12.462	-0.134
55	57	12.696	12.749	0.053
55	58	12.312	12.332	0.020
55	59	12.670	12.621	-0.049
100	60	12.438	12.244	-0.194
100	61	12.268	12.279	0.011
100	62	12.776	12.858	0.082
100	63	12.326	12.304	-0.022
100	64	12.282	12.290	0.008
105	65	12.501	12.528	0.027
105	66	12.803	12.778	-0.025
105	67	12.448	12.616	0.168
105	68	12.497	12.546	0.049
105	69	12.627	12.770	0.143
	Max	12.855	12.858	0.168
	Average	12.498	12.495	-0.003
	Min	12.192	12.223	-0.194
	Std Dev	0.170	0.169	0.063



	5.127_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.378	12.249	12.389	12.223	12.323	12.246	12.389	12.223	12.306	12.244	12.528
Average	12.434	12.478	12.476	12.469	12.510	12.460	12.531	12.521	12.494	12.395	12.648
Max	12.478	12.668	12.683	12.626	12.831	12.615	12.664	12.768	12.749	12.858	12.778
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

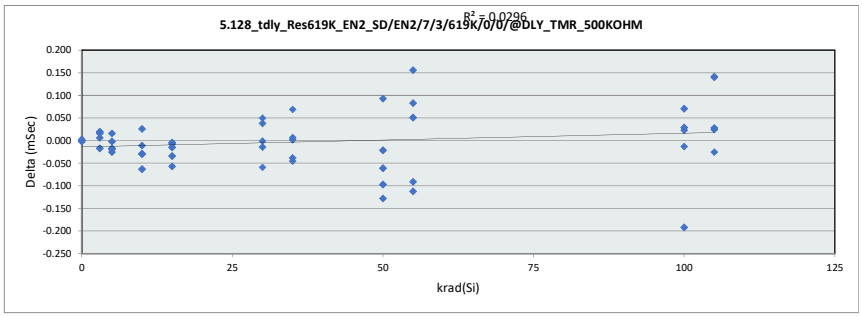


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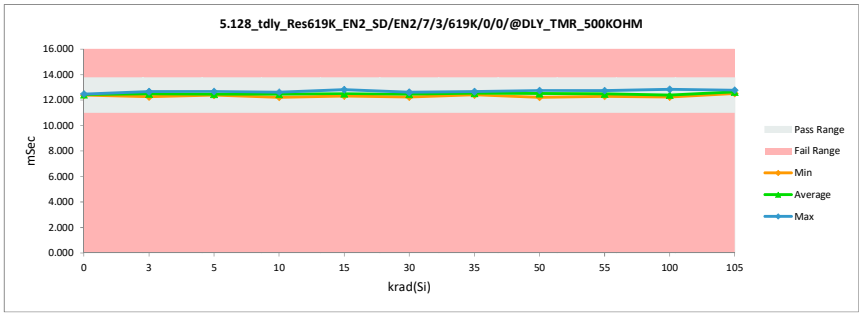
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.128_tdly_Res619K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.444	12.447	0.003
0	14	12.478	12.478	0.000
0	15	12.379	12.377	-0.002
3	20	12.562	12.580	0.018
3	21	12.647	12.667	0.020
3	22	12.586	12.602	0.016
3	23	12.283	12.266	-0.017
3	24	12.287	12.293	0.006
5	25	12.465	12.481	0.016
5	26	12.684	12.682	-0.002
5	27	12.405	12.386	-0.019
5	28	12.419	12.394	-0.025
5	29	12.433	12.416	-0.017
10	30	12.519	12.508	-0.011
10	31	12.647	12.584	-0.063
10	32	12.443	12.413	-0.030
10	33	12.654	12.625	-0.029
10	34	12.196	12.222	0.026
15	35	12.331	12.324	-0.007
15	36	12.346	12.331	-0.015
15	37	12.723	12.666	-0.057
15	38	12.854	12.820	-0.034
15	39	12.407	12.403	-0.004
30	40	12.644	12.585	-0.059
30	41	12.352	12.390	0.038
30	42	12.460	12.459	-0.001
30	43	12.629	12.615	-0.014
30	44	12.193	12.243	0.050
35	45	12.548	12.510	-0.038
35	46	12.709	12.664	-0.045
35	47	12.407	12.409	0.002
35	48	12.530	12.537	0.007
35	49	12.495	12.564	0.069
50	50	12.764	12.636	-0.128
50	51	12.498	12.477	-0.021
50	52	12.599	12.502	-0.097
50	53	12.820	12.759	-0.061
50	54	12.128	12.221	0.093
55	55	12.223	12.306	0.083
55	56	12.591	12.479	-0.112
55	57	12.697	12.748	0.051
55	58	12.171	12.327	0.156
55	59	12.711	12.620	-0.091
100	60	12.437	12.245	-0.192
100	61	12.262	12.291	0.029
100	62	12.778	12.849	0.071
100	63	12.327	12.314	-0.013
100	64	12.281	12.304	0.023
105	65	12.384	12.526	0.142
105	66	12.804	12.779	-0.025
105	67	12.589	12.617	0.028
105	68	12.510	12.535	0.025
105	69	12.625	12.765	0.140
	Max	12.854	12.849	0.156
	Average	12.497	12.495	-0.002
	Min	12.128	12.221	-0.192
	Std Dev	0.182	0.167	0.063



	5.128_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.377	12.266	12.386	12.222	12.324	12.243	12.409	12.221	12.306	12.245	12.526
Average	12.434	12.482	12.472	12.470	12.509	12.458	12.537	12.519	12.496	12.401	12.644
Max	12.478	12.667	12.682	12.625	12.820	12.615	12.664	12.759	12.748	12.849	12.779
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

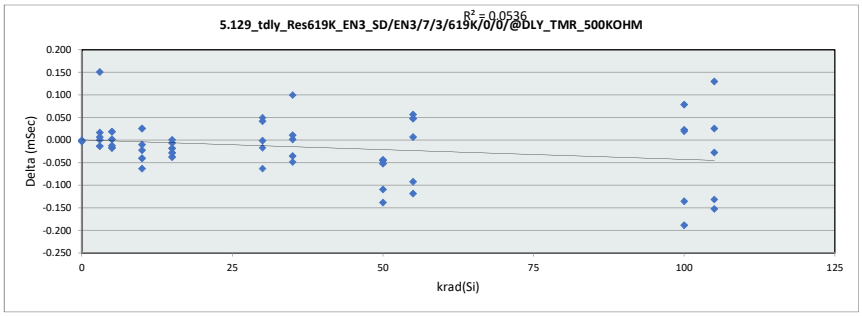


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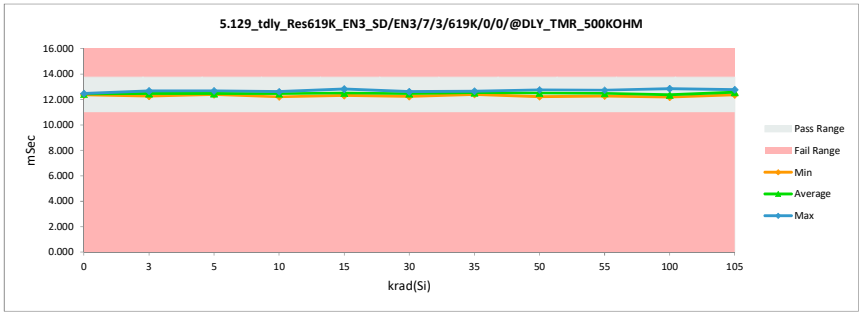
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.129_tdly_Res619K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.441	12.441	0.000
0	14	12.474	12.471	-0.003
0	15	12.374	12.372	-0.002
3	20	12.557	12.574	0.017
3	21	12.660	12.661	0.001
3	22	12.443	12.594	0.151
3	23	12.271	12.258	-0.013
3	24	12.280	12.287	0.007
5	25	12.458	12.477	0.019
5	26	12.675	12.677	0.002
5	27	12.400	12.383	-0.017
5	28	12.413	12.401	-0.012
5	29	12.428	12.411	-0.017
10	30	12.511	12.501	-0.010
10	31	12.641	12.578	-0.063
10	32	12.438	12.398	-0.040
10	33	12.640	12.618	-0.022
10	34	12.190	12.216	0.026
15	35	12.325	12.319	-0.006
15	36	12.341	12.323	-0.018
15	37	12.698	12.661	-0.037
15	38	12.850	12.822	-0.028
15	39	12.399	12.400	0.001
30	40	12.638	12.575	-0.063
30	41	12.342	12.384	0.042
30	42	12.455	12.454	-0.001
30	43	12.626	12.609	-0.017
30	44	12.187	12.237	0.050
35	45	12.536	12.501	-0.035
35	46	12.706	12.658	-0.048
35	47	12.399	12.401	0.002
35	48	12.524	12.535	0.011
35	49	12.456	12.556	0.100
50	50	12.758	12.620	-0.138
50	51	12.492	12.448	-0.044
50	52	12.593	12.484	-0.109
50	53	12.813	12.761	-0.052
50	54	12.268	12.224	-0.044
55	55	12.218	12.275	0.057
55	56	12.590	12.472	-0.118
55	57	12.690	12.738	0.048
55	58	12.304	12.311	0.007
55	59	12.705	12.613	-0.092
100	60	12.428	12.240	-0.188
100	61	12.260	12.283	0.023
100	62	12.772	12.851	0.079
100	63	12.320	12.185	-0.135
100	64	12.278	12.298	0.020
105	65	12.521	12.369	-0.152
105	66	12.799	12.772	-0.027
105	67	12.584	12.610	0.026
105	68	12.504	12.373	-0.131
105	69	12.619	12.749	0.130
	Max	12.850	12.851	0.151
	Average	12.496	12.480	-0.016
	Min	12.187	12.185	-0.188
	Std Dev	0.173	0.172	0.066



	5.129_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.372	12.258	12.383	12.216	12.319	12.237	12.401	12.224	12.275	12.185	12.369
Average	12.428	12.475	12.470	12.462	12.505	12.452	12.530	12.507	12.482	12.371	12.575
Max	12.471	12.661	12.677	12.618	12.822	12.609	12.658	12.761	12.738	12.851	12.772
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

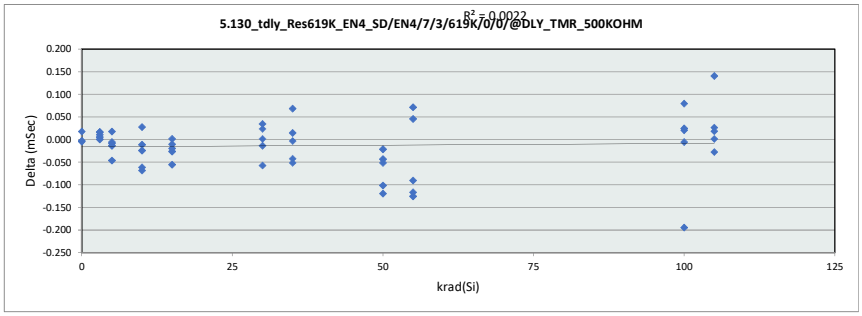


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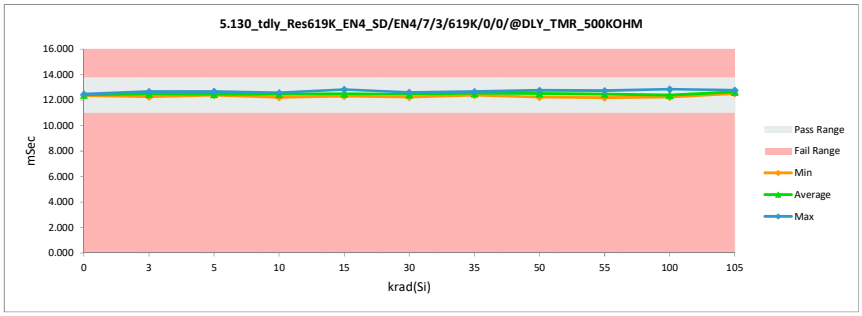
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.130_tdly_Res619K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.449	12.445	-0.004
0	14	12.478	12.476	-0.002
0	15	12.361	12.379	0.018
3	20	12.562	12.579	0.017
3	21	12.665	12.666	0.001
3	22	12.584	12.601	0.017
3	23	12.255	12.266	0.011
3	24	12.288	12.294	0.006
5	25	12.466	12.484	0.018
5	26	12.686	12.681	-0.005
5	27	12.403	12.390	-0.013
5	28	12.419	12.411	-0.008
5	29	12.434	12.388	-0.046
10	30	12.519	12.508	-0.011
10	31	12.647	12.586	-0.061
10	32	12.445	12.421	-0.024
10	33	12.653	12.585	-0.068
10	34	12.196	12.224	0.028
15	35	12.333	12.323	-0.010
15	36	12.345	12.326	-0.019
15	37	12.721	12.666	-0.055
15	38	12.856	12.830	-0.026
15	39	12.403	12.405	0.002
30	40	12.643	12.586	-0.057
30	41	12.352	12.376	0.024
30	42	12.459	12.461	0.002
30	43	12.627	12.614	-0.013
30	44	12.193	12.228	0.035
35	45	12.547	12.505	-0.042
35	46	12.715	12.664	-0.051
35	47	12.404	12.401	-0.003
35	48	12.527	12.542	0.015
35	49	12.494	12.563	0.069
50	50	12.762	12.643	-0.119
50	51	12.497	12.476	-0.021
50	52	12.598	12.497	-0.101
50	53	12.819	12.768	-0.051
50	54	12.275	12.232	-0.043
55	55	12.222	12.294	0.072
55	56	12.595	12.479	-0.116
55	57	12.699	12.745	0.046
55	58	12.313	12.188	-0.125
55	59	12.709	12.619	-0.090
100	60	12.437	12.243	-0.194
100	61	12.266	12.291	0.025
100	62	12.776	12.856	0.080
100	63	12.327	12.322	-0.005
100	64	12.282	12.303	0.021
105	65	12.524	12.526	0.002
105	66	12.806	12.779	-0.027
105	67	12.588	12.615	0.027
105	68	12.510	12.529	0.019
105	69	12.623	12.764	0.141
	Max	12.856	12.856	0.141
	Average	12.505	12.491	-0.013
	Min	12.193	12.188	-0.194
	Std Dev	0.174	0.171	0.056



	5.130_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.379	12.266	12.388	12.224	12.323	12.228	12.401	12.232	12.188	12.243	12.526
Average	12.433	12.481	12.471	12.465	12.510	12.453	12.535	12.523	12.465	12.403	12.643
Max	12.476	12.666	12.681	12.586	12.830	12.614	12.664	12.768	12.745	12.856	12.779
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

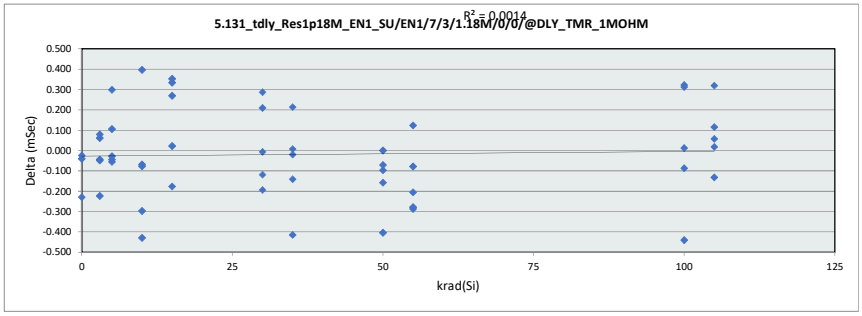


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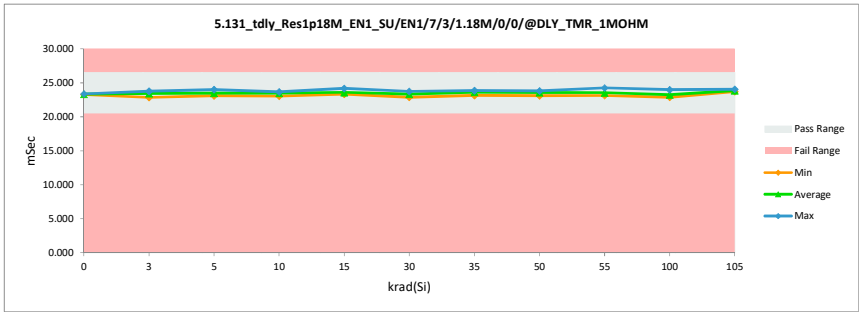
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.131_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.305	23.265	-0.040
0	14	23.551	23.323	-0.228
0	15	23.392	23.368	-0.024
3	20	23.552	23.632	0.080
3	21	23.987	23.765	-0.222
3	22	23.520	23.582	0.062
3	23	22.891	22.848	-0.043
3	24	23.366	23.318	-0.048
5	25	23.525	23.631	0.106
5	26	24.043	24.016	-0.027
5	27	23.151	23.096	-0.055
5	28	23.203	23.502	0.299
5	29	23.203	23.159	-0.044
10	30	23.695	23.628	-0.067
10	31	24.087	23.659	-0.428
10	32	23.586	23.510	-0.076
10	33	23.962	23.666	-0.296
10	34	22.637	23.034	0.397
15	35	23.330	23.353	0.023
15	36	23.033	23.367	0.334
15	37	23.716	23.540	-0.176
15	38	23.921	24.191	0.270
15	39	23.110	23.463	0.353
30	40	23.644	23.526	-0.118
30	41	23.381	23.188	-0.193
30	42	23.263	23.257	-0.006
30	43	23.455	23.743	0.288
30	44	22.671	22.881	0.210
35	45	23.780	23.640	-0.140
35	46	24.180	23.766	-0.414
35	47	23.148	23.156	0.008
35	48	23.692	23.673	-0.019
35	49	23.638	23.852	0.214
50	50	23.862	23.705	-0.157
50	51	23.669	23.573	-0.096
50	52	23.643	23.644	0.001
50	53	24.223	23.820	-0.403
50	54	23.163	23.093	-0.070
55	55	23.249	23.171	-0.078
55	56	23.489	23.285	-0.204
55	57	24.130	24.254	0.124
55	58	23.397	23.120	-0.277
55	59	24.206	23.920	-0.286
100	60	23.312	22.873	-0.439
100	61	22.865	23.188	0.323
100	62	24.059	23.973	-0.086
100	63	22.964	22.977	0.013
100	64	22.942	23.255	0.313
105	65	23.696	23.715	0.019
105	66	24.196	24.065	-0.131
105	67	23.836	23.894	0.058
105	68	23.639	23.755	0.116
105	69	23.611	23.931	0.320
	Max	24.223	24.254	0.397
	Average	23.524	23.506	-0.018
	Min	22.637	22.848	-0.439
	Std Dev	0.405	0.345	0.213



	5.131_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.265	22.848	23.096	23.034	23.353	22.881	23.156	23.093	23.120	22.873	23.715
Average	23.319	23.429	23.481	23.499	23.583	23.319	23.617	23.567	23.550	23.253	23.872
Max	23.368	23.765	24.016	23.666	24.191	23.743	23.852	23.820	24.254	23.973	24.065
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

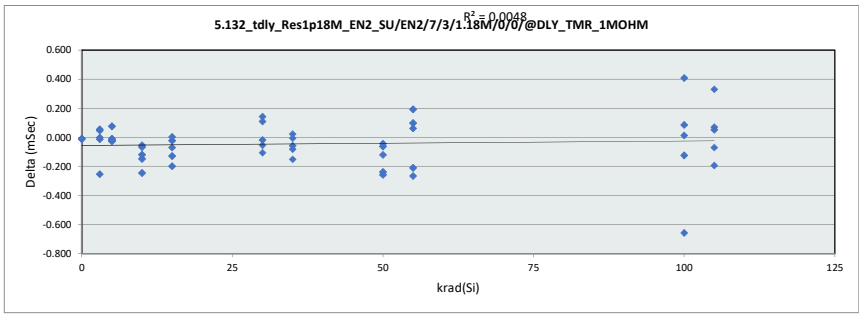


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

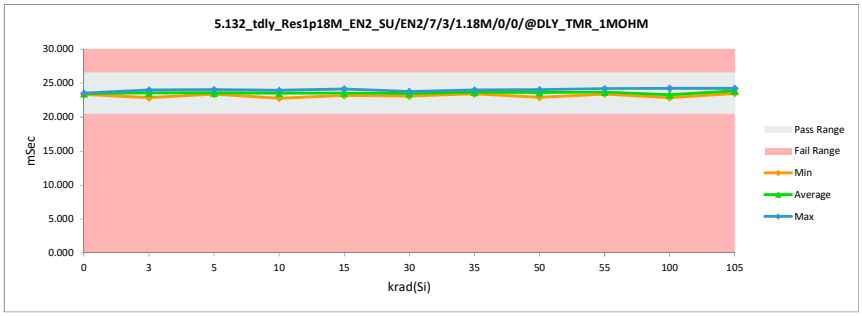
	5.132_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.512	23.501	-0.011
0	14	23.552	23.545	-0.007
0	15	23.334	23.325	-0.009
3	20	23.811	23.868	0.057
3	21	23.987	23.986	-0.001
3	22	23.790	23.838	0.048
3	23	23.100	22.848	-0.252
3	24	23.297	23.285	-0.012
5	25	23.536	23.613	0.077
5	26	24.039	24.022	-0.017
5	27	23.402	23.380	-0.022
5	28	23.436	23.427	-0.009
5	29	23.437	23.411	-0.026
10	30	23.672	23.428	-0.244
10	31	24.045	23.926	-0.119
10	32	23.577	23.524	-0.053
10	33	23.980	23.914	-0.066
10	34	22.916	22.769	-0.147
15	35	23.277	23.281	0.004
15	36	23.320	23.298	-0.022
15	37	23.955	23.827	-0.128
15	38	24.207	24.138	-0.069
15	39	23.387	23.190	-0.197
30	40	23.901	23.796	-0.105
30	41	23.320	23.431	0.111
30	42	23.486	23.468	-0.018
30	43	23.755	23.702	-0.053
30	44	22.946	23.090	0.144
35	45	23.716	23.635	-0.081
35	46	24.129	23.979	-0.150
35	47	23.404	23.428	0.024
35	48	23.655	23.650	-0.005
35	49	23.633	23.576	-0.057
50	50	24.171	23.914	-0.257
50	51	23.640	23.579	-0.061
50	52	23.882	23.644	-0.238
50	53	24.155	24.035	-0.120
50	54	22.945	22.902	-0.043
55	55	23.225	23.419	0.194
55	56	23.774	23.509	-0.265
55	57	24.098	24.197	0.099
55	58	23.335	23.397	0.062
55	59	24.148	23.939	-0.209
100	60	23.545	22.889	-0.656
100	61	23.088	22.965	-0.123
100	62	23.837	24.246	0.409
100	63	23.170	23.184	0.014
100	64	23.142	23.228	0.086
105	65	23.672	23.479	-0.193
105	66	24.132	24.063	-0.069
105	67	23.773	23.826	0.053
105	68	23.627	23.698	0.071
105	69	23.890	24.221	0.331
	Max	24.207	24.246	0.409
	Average	23.618	23.574	-0.044
	Min	22.916	22.769	-0.656
	Std Dev	0.353	0.369	0.158



	5.132_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.325	22.848	23.380	22.769	23.190	23.090	23.428	22.902	23.397	22.889	23.479
Average	23.457	23.565	23.571	23.512	23.547	23.497	23.654	23.615	23.692	23.302	23.857
Max	23.545	23.986	24.022	23.926	24.138	23.796	23.979	24.035	24.197	24.246	24.221
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

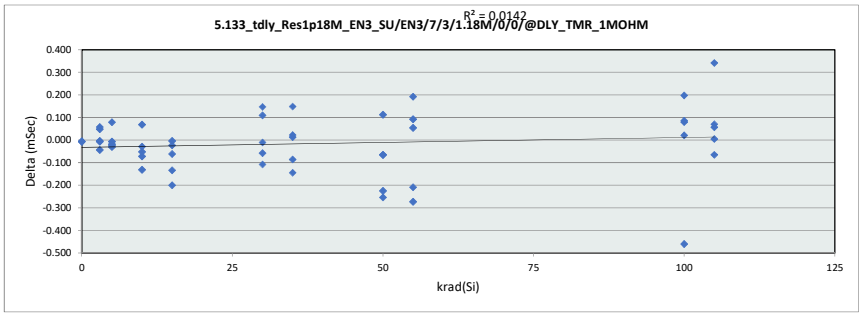


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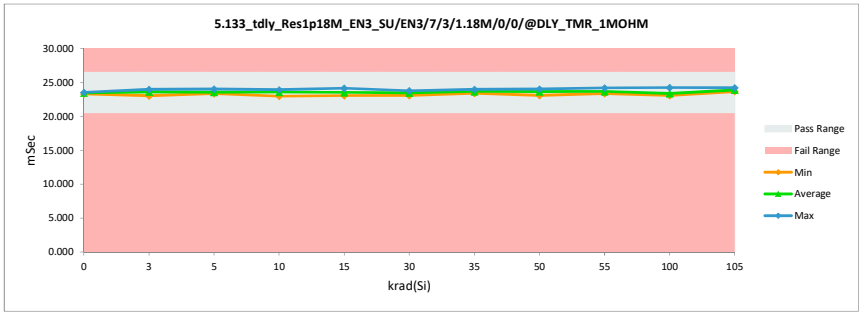
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.133_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.511	23.504	-0.007
0	14	23.555	23.551	-0.004
0	15	23.336	23.330	-0.006
3	20	23.812	23.871	0.059
3	21	23.989	23.986	-0.003
3	22	23.793	23.842	0.049
3	23	23.104	23.061	-0.043
3	24	23.300	23.294	-0.006
5	25	23.536	23.616	0.080
5	26	24.042	24.025	-0.017
5	27	23.407	23.385	-0.022
5	28	23.437	23.431	-0.006
5	29	23.441	23.411	-0.030
10	30	23.659	23.631	-0.028
10	31	24.059	23.928	-0.131
10	32	23.578	23.527	-0.051
10	33	23.982	23.911	-0.071
10	34	22.911	22.980	0.069
15	35	23.278	23.079	-0.199
15	36	23.321	23.299	-0.022
15	37	23.962	23.829	-0.133
15	38	24.207	24.146	-0.061
15	39	23.402	23.399	-0.003
30	40	23.904	23.797	-0.107
30	41	23.324	23.434	0.110
30	42	23.489	23.479	-0.010
30	43	23.758	23.701	-0.057
30	44	22.946	23.094	0.148
35	45	23.723	23.638	-0.085
35	46	24.130	23.986	-0.144
35	47	23.408	23.431	0.023
35	48	23.639	23.653	0.014
35	49	23.632	23.781	0.149
50	50	24.173	23.920	-0.253
50	51	23.643	23.578	-0.065
50	52	23.885	23.661	-0.224
50	53	23.926	24.039	0.113
50	54	23.172	23.108	-0.064
55	55	23.230	23.423	0.193
55	56	23.779	23.507	-0.272
55	57	24.104	24.197	0.093
55	58	23.339	23.394	0.055
55	59	24.149	23.941	-0.208
100	60	23.546	23.087	-0.459
100	61	23.092	23.173	0.081
100	62	24.052	24.251	0.199
100	63	23.167	23.189	0.022
100	64	23.143	23.230	0.087
105	65	23.674	23.680	0.006
105	66	24.135	24.071	-0.064
105	67	23.773	23.831	0.058
105	68	23.630	23.701	0.071
105	69	23.887	24.229	0.342
	Max	24.207	24.251	0.342
	Average	23.624	23.608	-0.016
	Min	22.911	22.980	-0.459
	Std Dev	0.345	0.337	0.131



	5.133_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.330	23.061	23.385	22.980	23.079	23.094	23.431	23.108	23.394	23.087	23.680
Average	23.462	23.611	23.574	23.595	23.550	23.501	23.698	23.661	23.692	23.386	23.902
Max	23.551	23.986	24.025	23.928	24.146	23.797	23.986	24.039	24.197	24.251	24.229
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

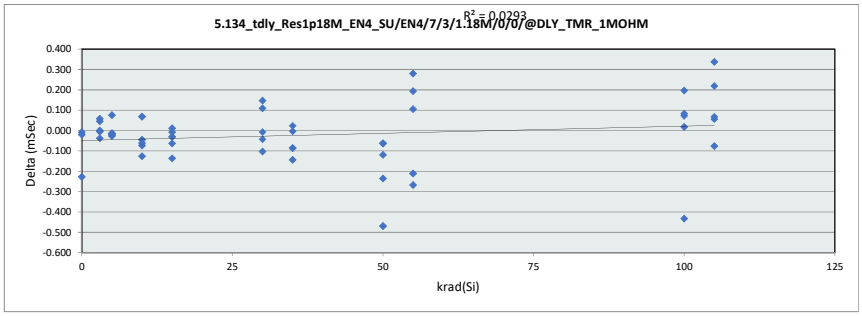


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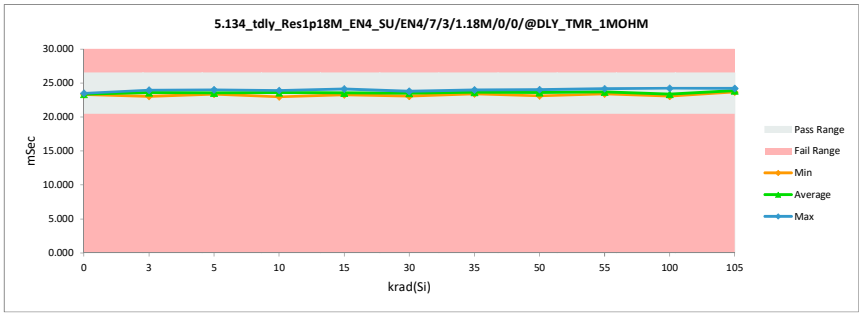
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.134_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.514	23.507	-0.007
0	14	23.557	23.330	-0.227
0	15	23.337	23.318	-0.019
3	20	23.813	23.871	0.058
3	21	23.989	23.985	-0.004
3	22	23.796	23.842	0.046
3	23	23.105	23.068	-0.037
3	24	23.300	23.299	-0.001
5	25	23.540	23.616	0.076
5	26	24.042	24.027	-0.015
5	27	23.408	23.387	-0.021
5	28	23.439	23.426	-0.013
5	29	23.441	23.415	-0.026
10	30	23.677	23.632	-0.045
10	31	24.059	23.933	-0.126
10	32	23.580	23.519	-0.061
10	33	23.979	23.906	-0.073
10	34	22.918	22.987	0.069
15	35	23.278	23.290	0.012
15	36	23.324	23.294	-0.030
15	37	23.965	23.829	-0.136
15	38	24.209	24.146	-0.063
15	39	23.404	23.397	-0.007
30	40	23.904	23.801	-0.103
30	41	23.323	23.433	0.110
30	42	23.488	23.481	-0.007
30	43	23.747	23.705	-0.042
30	44	22.947	23.094	0.147
35	45	23.724	23.638	-0.086
35	46	24.132	23.988	-0.144
35	47	23.407	23.431	0.024
35	48	23.657	23.654	-0.003
35	49	23.636	23.550	-0.086
50	50	24.176	23.707	-0.469
50	51	23.644	23.581	-0.063
50	52	23.886	23.651	-0.235
50	53	24.160	24.041	-0.119
50	54	23.175	23.112	-0.063
55	55	23.227	23.421	0.194
55	56	23.779	23.512	-0.267
55	57	24.094	24.200	0.106
55	58	23.119	23.400	0.281
55	59	24.152	23.941	-0.211
100	60	23.531	23.099	-0.432
100	61	23.092	23.165	0.073
100	62	24.054	24.251	0.197
100	63	23.172	23.190	0.018
100	64	23.147	23.231	0.084
105	65	23.466	23.685	0.219
105	66	24.148	24.072	-0.076
105	67	23.776	23.833	0.057
105	68	23.630	23.698	0.068
105	69	23.892	24.230	0.338
	Max	24.209	24.251	0.338
	Average	23.622	23.600	-0.022
	Min	22.918	22.987	-0.469
	Std Dev	0.356	0.330	0.148



	5.134_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.318	23.068	23.387	22.987	23.290	23.094	23.431	23.112	23.400	23.099	23.685
Average	23.385	23.613	23.574	23.595	23.591	23.503	23.652	23.618	23.695	23.387	23.904
Max	23.507	23.985	24.027	23.933	24.146	23.801	23.988	24.041	24.200	24.251	24.230
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

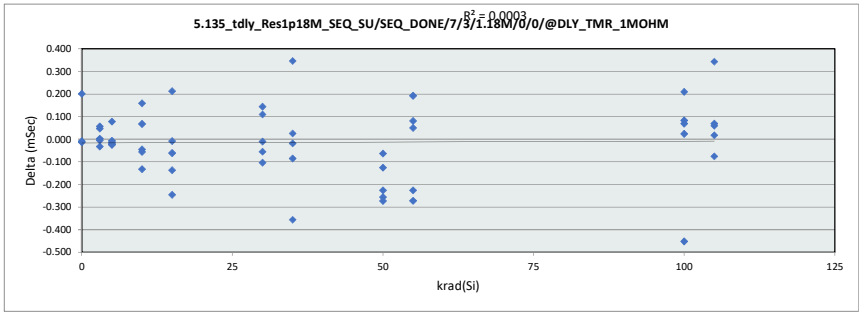


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

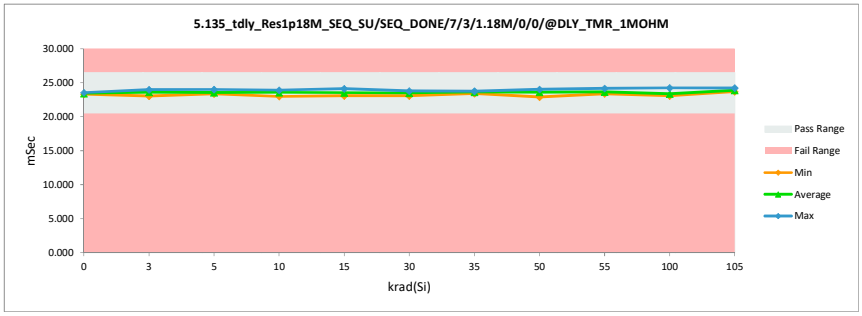
	5.135_tdly_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.302	23.504	0.202
0	14	23.557	23.549	-0.008
0	15	23.340	23.328	-0.012
3	20	23.815	23.873	0.058
3	21	23.988	23.991	0.003
3	22	23.797	23.845	0.048
3	23	23.102	23.071	-0.031
3	24	23.301	23.297	-0.004
5	25	23.539	23.618	0.079
5	26	24.044	24.030	-0.014
5	27	23.408	23.388	-0.020
5	28	23.440	23.434	-0.006
5	29	23.443	23.419	-0.024
10	30	23.676	23.621	-0.055
10	31	24.061	23.930	-0.131
10	32	23.559	23.515	-0.044
10	33	23.757	23.917	0.160
10	34	22.921	22.990	0.069
15	35	23.074	23.288	0.214
15	36	23.325	23.080	-0.245
15	37	23.966	23.830	-0.136
15	38	24.209	24.149	-0.060
15	39	23.406	23.399	-0.007
30	40	23.903	23.800	-0.103
30	41	23.323	23.434	0.111
30	42	23.490	23.481	-0.009
30	43	23.761	23.707	-0.054
30	44	22.948	23.093	0.145
35	45	23.722	23.638	-0.084
35	46	24.134	23.779	-0.355
35	47	23.407	23.434	0.027
35	48	23.659	23.642	-0.017
35	49	23.422	23.769	0.347
50	50	24.173	23.918	-0.255
50	51	23.646	23.584	-0.062
50	52	23.885	23.660	-0.225
50	53	24.159	24.034	-0.125
50	54	23.175	22.903	-0.272
55	55	23.232	23.425	0.193
55	56	23.779	23.508	-0.271
55	57	24.103	24.185	0.082
55	58	23.342	23.393	0.051
55	59	24.154	23.929	-0.225
100	60	23.549	23.098	-0.451
100	61	23.093	23.163	0.070
100	62	24.042	24.253	0.211
100	63	23.165	23.190	0.025
100	64	23.149	23.233	0.084
105	65	23.675	23.694	0.019
105	66	24.139	24.064	-0.075
105	67	23.774	23.835	0.061
105	68	23.631	23.701	0.070
105	69	23.885	24.229	0.344
	Max	24.209	24.253	0.347
	Average	23.614	23.601	-0.013
	Min	22.921	22.903	-0.451
	Std Dev	0.355	0.340	0.158



	5.135_tdly_Res1p18M_S	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.328	23.071	23.388	22.990	23.080	23.093	23.434	22.903	23.393	23.098	23.694
Average	23.460	23.615	23.578	23.595	23.549	23.503	23.652	23.620	23.688	23.387	23.905
Max	23.549	23.991	24.030	23.930	24.149	23.800	23.779	24.034	24.185	24.253	24.229
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

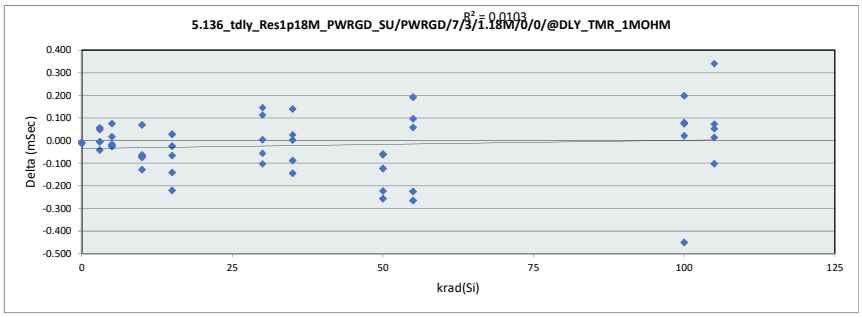


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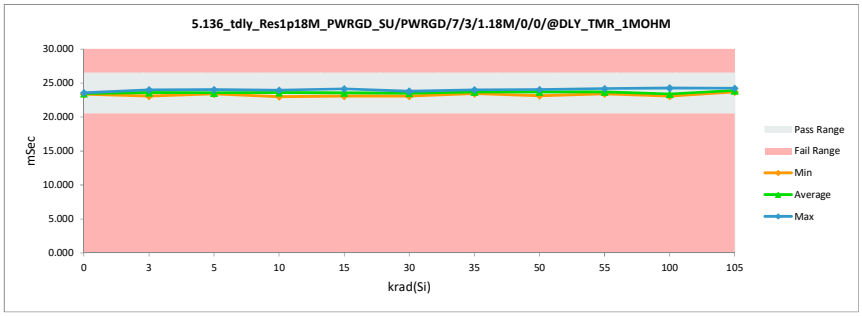
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.136_tdly_Res1p18M_PW	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.537	23.530	-0.007
0	14	23.581	23.574	-0.007
0	15	23.363	23.351	-0.012
3	20	23.839	23.896	0.057
3	21	24.012	24.008	-0.004
3	22	23.816	23.866	0.050
3	23	23.127	23.086	-0.041
3	24	23.324	23.320	-0.004
5	25	23.563	23.639	0.076
5	26	24.064	24.048	-0.016
5	27	23.430	23.412	-0.018
5	28	23.438	23.456	0.018
5	29	23.464	23.439	-0.025
10	30	23.700	23.632	-0.068
10	31	24.085	23.957	-0.128
10	32	23.604	23.531	-0.073
10	33	24.006	23.943	-0.063
10	34	22.943	23.013	0.070
15	35	23.302	23.082	-0.220
15	36	23.346	23.323	-0.023
15	37	23.989	23.849	-0.140
15	38	24.233	24.168	-0.065
15	39	23.397	23.426	0.029
30	40	23.927	23.825	-0.102
30	41	23.344	23.458	0.114
30	42	23.497	23.502	0.005
30	43	23.784	23.728	-0.056
30	44	22.970	23.117	0.147
35	45	23.746	23.659	-0.087
35	46	24.154	24.010	-0.144
35	47	23.430	23.457	0.027
35	48	23.673	23.676	0.003
35	49	23.660	23.801	0.141
50	50	24.199	23.943	-0.256
50	51	23.668	23.608	-0.060
50	52	23.908	23.686	-0.222
50	53	24.181	24.058	-0.123
50	54	23.196	23.137	-0.059
55	55	23.253	23.446	0.193
55	56	23.802	23.538	-0.264
55	57	24.126	24.223	0.097
55	58	23.363	23.422	0.059
55	59	24.174	23.950	-0.224
100	60	23.569	23.120	-0.449
100	61	23.112	23.187	0.075
100	62	24.075	24.274	0.199
100	63	23.189	23.211	0.022
100	64	23.169	23.249	0.080
105	65	23.697	23.712	0.015
105	66	24.166	24.065	-0.101
105	67	23.794	23.847	0.053
105	68	23.651	23.725	0.074
105	69	23.911	24.252	0.341
	Max	24.233	24.274	0.341
	Average	23.652	23.631	-0.021
	Min	22.943	23.013	-0.449
	Std Dev	0.351	0.336	0.131



	5.136_tdly_Res1p18M_P										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.351	23.086	23.412	23.013	23.082	23.117	23.457	23.137	23.422	23.120	23.712
Average	23.485	23.635	23.599	23.615	23.570	23.526	23.721	23.686	23.716	23.408	23.920
Max	23.574	24.008	24.048	23.957	24.168	23.825	24.010	24.058	24.223	24.274	24.252
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

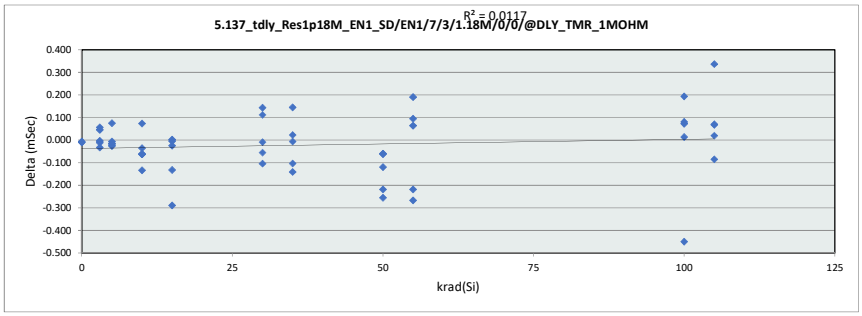


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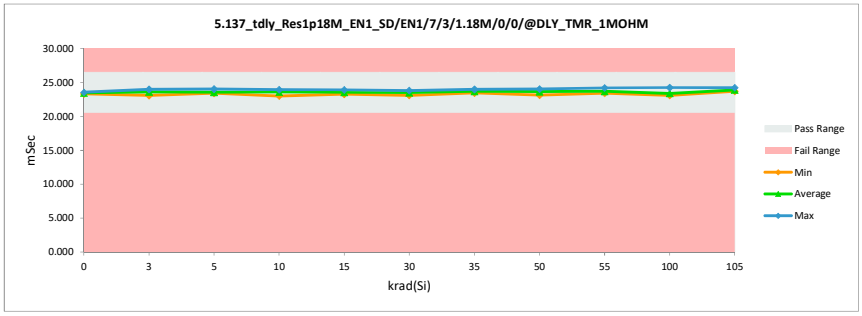
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.137_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.525	23.516	-0.009
0	14	23.565	23.559	-0.006
0	15	23.349	23.339	-0.010
3	20	23.824	23.881	0.057
3	21	23.998	23.994	-0.004
3	22	23.802	23.848	0.046
3	23	23.112	23.080	-0.032
3	24	23.309	23.298	-0.011
5	25	23.549	23.624	0.075
5	26	24.051	24.036	-0.015
5	27	23.416	23.395	-0.021
5	28	23.449	23.443	-0.006
5	29	23.450	23.424	-0.026
10	30	23.677	23.642	-0.035
10	31	24.068	23.935	-0.133
10	32	23.589	23.527	-0.062
10	33	23.992	23.930	-0.062
10	34	22.929	23.003	0.074
15	35	23.286	23.288	0.002
15	36	23.333	23.309	-0.024
15	37	23.970	23.838	-0.132
15	38	24.218	23.929	-0.289
15	39	23.415	23.411	-0.004
30	40	23.911	23.807	-0.104
30	41	23.331	23.443	0.112
30	42	23.497	23.488	-0.009
30	43	23.769	23.714	-0.055
30	44	22.957	23.101	0.144
35	45	23.733	23.630	-0.103
35	46	24.142	24.001	-0.141
35	47	23.417	23.440	0.023
35	48	23.669	23.663	-0.006
35	49	23.646	23.791	0.145
50	50	24.186	23.931	-0.255
50	51	23.652	23.592	-0.060
50	52	23.888	23.670	-0.218
50	53	24.168	24.049	-0.119
50	54	23.182	23.121	-0.061
55	55	23.240	23.431	0.191
55	56	23.788	23.521	-0.267
55	57	24.113	24.208	0.095
55	58	23.345	23.409	0.064
55	59	24.157	23.939	-0.218
100	60	23.557	23.108	-0.449
100	61	23.098	23.171	0.073
100	62	24.064	24.258	0.194
100	63	23.185	23.199	0.014
100	64	23.157	23.238	0.081
105	65	23.683	23.703	0.020
105	66	24.157	24.072	-0.085
105	67	23.770	23.841	0.071
105	68	23.640	23.708	0.068
105	69	23.900	24.237	0.337
	Max	24.218	24.258	0.337
	Average	23.639	23.618	-0.022
	Min	22.929	23.003	-0.449
	Std Dev	0.350	0.325	0.132



	5.137_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.339	23.080	23.395	23.003	23.288	23.101	23.440	23.121	23.409	23.108	23.703
Average	23.471	23.620	23.584	23.607	23.555	23.511	23.705	23.673	23.702	23.395	23.912
Max	23.559	23.994	24.036	23.935	23.929	23.807	24.001	24.049	24.208	24.258	24.237
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

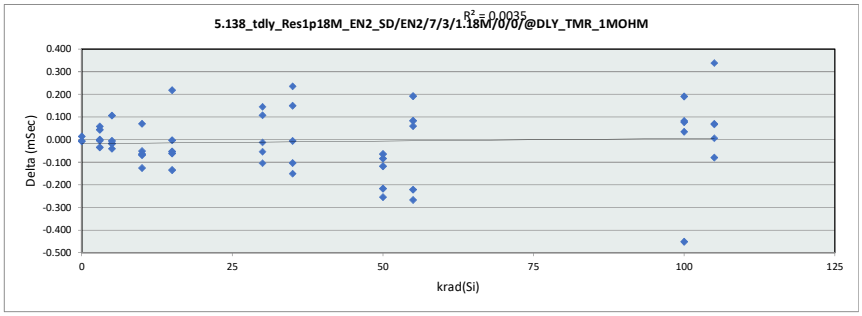


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

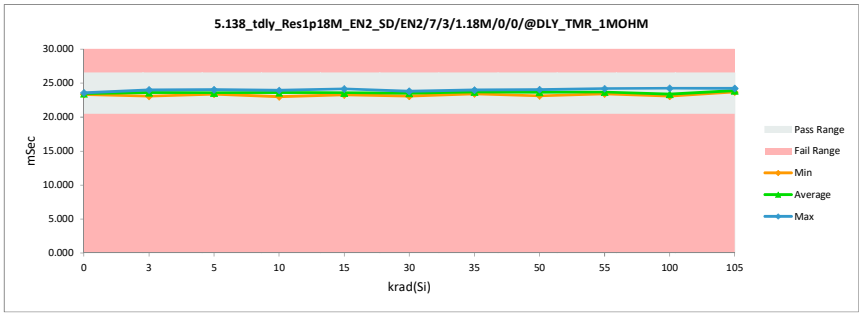
	5.138_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.503	23.518	0.015
0	14	23.564	23.559	-0.005
0	15	23.346	23.339	-0.007
3	20	23.821	23.880	0.059
3	21	23.998	23.999	0.001
3	22	23.805	23.849	0.044
3	23	23.111	23.077	-0.034
3	24	23.309	23.305	-0.004
5	25	23.518	23.625	0.107
5	26	24.049	24.031	-0.018
5	27	23.414	23.397	-0.017
5	28	23.448	23.443	-0.005
5	29	23.451	23.411	-0.040
10	30	23.683	23.633	-0.050
10	31	24.067	23.942	-0.125
10	32	23.589	23.521	-0.068
10	33	23.992	23.929	-0.063
10	34	22.928	22.999	0.071
15	35	23.069	23.288	0.219
15	36	23.333	23.281	-0.052
15	37	23.972	23.838	-0.134
15	38	24.217	24.157	-0.060
15	39	23.413	23.411	-0.002
30	40	23.913	23.809	-0.104
30	41	23.332	23.440	0.108
30	42	23.499	23.487	-0.012
30	43	23.766	23.713	-0.053
30	44	22.957	23.103	0.146
35	45	23.734	23.631	-0.103
35	46	24.142	23.992	-0.150
35	47	23.200	23.436	0.236
35	48	23.667	23.662	-0.005
35	49	23.643	23.793	0.150
50	50	24.185	23.931	-0.254
50	51	23.652	23.569	-0.083
50	52	23.889	23.673	-0.216
50	53	24.166	24.049	-0.117
50	54	23.183	23.120	-0.063
55	55	23.237	23.430	0.193
55	56	23.788	23.522	-0.266
55	57	24.111	24.195	0.084
55	58	23.351	23.411	0.060
55	59	24.161	23.940	-0.221
100	60	23.557	23.106	-0.451
100	61	23.099	23.177	0.078
100	62	24.065	24.256	0.191
100	63	23.168	23.203	0.035
100	64	23.156	23.239	0.083
105	65	23.684	23.691	0.007
105	66	24.160	24.081	-0.079
105	67	23.773	23.844	0.071
105	68	23.641	23.709	0.068
105	69	23.899	24.238	0.339
	Max	24.217	24.256	0.339
	Average	23.630	23.620	-0.009
	Min	22.928	22.999	-0.451
	Std Dev	0.360	0.331	0.136



	5.138_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.339	23.077	23.397	22.999	23.281	23.103	23.436	23.120	23.411	23.106	23.691
Average	23.472	23.622	23.581	23.605	23.595	23.510	23.703	23.668	23.700	23.396	23.913
Max	23.559	23.999	24.031	23.942	24.157	23.809	23.992	24.049	24.195	24.256	24.238
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

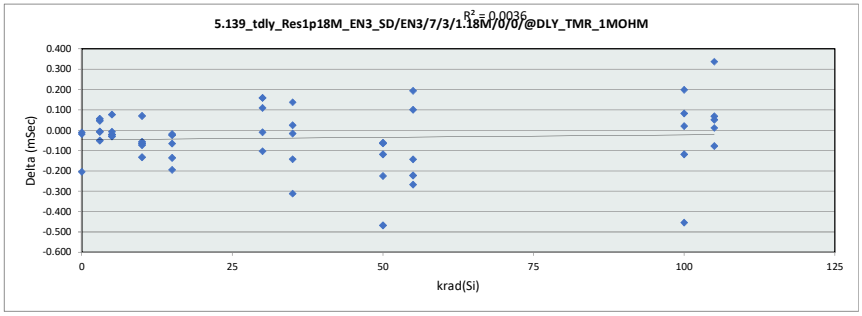


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

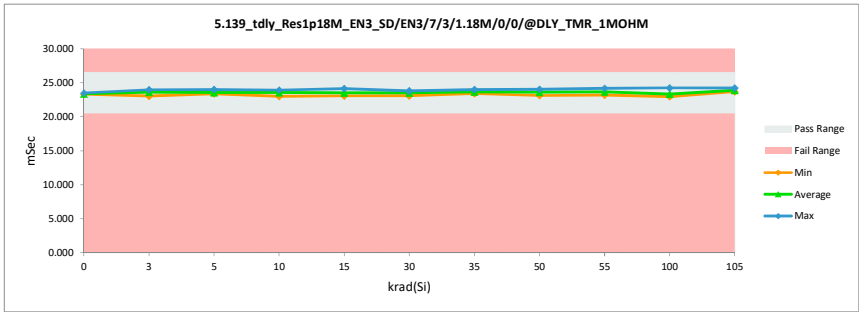
	5.139_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.516	23.498	-0.018
0	14	23.549	23.345	-0.204
0	15	23.339	23.329	-0.010
3	20	23.816	23.873	0.057
3	21	23.990	23.983	-0.007
3	22	23.797	23.844	0.047
3	23	23.108	23.058	-0.050
3	24	23.302	23.296	-0.006
5	25	23.543	23.620	0.077
5	26	24.046	24.016	-0.030
5	27	23.409	23.387	-0.022
5	28	23.442	23.435	-0.007
5	29	23.440	23.419	-0.021
10	30	23.677	23.620	-0.057
10	31	24.063	23.931	-0.132
10	32	23.583	23.511	-0.072
10	33	23.984	23.920	-0.064
10	34	22.923	22.994	0.071
15	35	23.275	23.081	-0.194
15	36	23.326	23.303	-0.023
15	37	23.967	23.832	-0.135
15	38	24.211	24.146	-0.065
15	39	23.408	23.390	-0.018
30	40	23.905	23.802	-0.103
30	41	23.325	23.435	0.110
30	42	23.491	23.482	-0.009
30	43	23.544	23.703	0.159
30	44	22.935	23.095	0.160
35	45	23.728	23.417	-0.311
35	46	24.134	23.992	-0.142
35	47	23.409	23.434	0.025
35	48	23.661	23.645	-0.016
35	49	23.638	23.776	0.138
50	50	24.179	23.712	-0.467
50	51	23.647	23.583	-0.064
50	52	23.883	23.659	-0.224
50	53	24.161	24.043	-0.118
50	54	23.175	23.114	-0.061
55	55	23.230	23.424	0.194
55	56	23.782	23.515	-0.267
55	57	24.099	24.200	0.101
55	58	23.345	23.202	-0.143
55	59	24.155	23.933	-0.222
100	60	23.550	23.097	-0.453
100	61	23.093	22.975	-0.118
100	62	24.056	24.255	0.199
100	63	23.171	23.192	0.021
100	64	23.150	23.233	0.083
105	65	23.679	23.691	0.012
105	66	24.152	24.075	-0.077
105	67	23.780	23.832	0.052
105	68	23.634	23.703	0.069
105	69	23.893	24.230	0.337
	Max	24.211	24.255	0.337
	Average	23.628	23.590	-0.038
	Min	22.923	22.975	-0.467
	Std Dev	0.351	0.346	0.149



	5.139_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.329	23.058	23.387	22.994	23.081	23.095	23.417	23.114	23.202	22.975	23.691
Average	23.391	23.611	23.575	23.595	23.550	23.503	23.653	23.622	23.655	23.350	23.906
Max	23.498	23.983	24.016	23.931	24.146	23.802	23.992	24.043	24.200	24.255	24.230
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

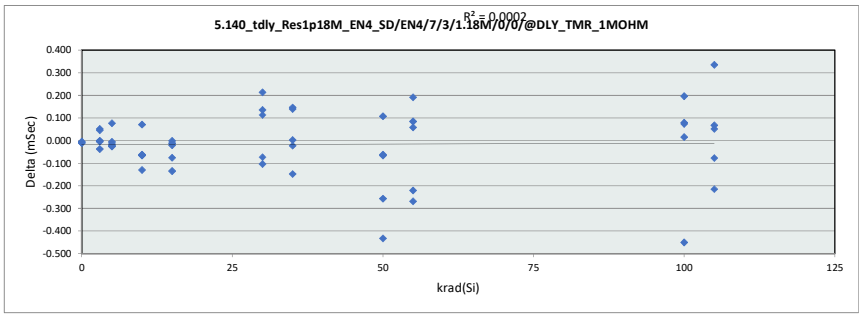


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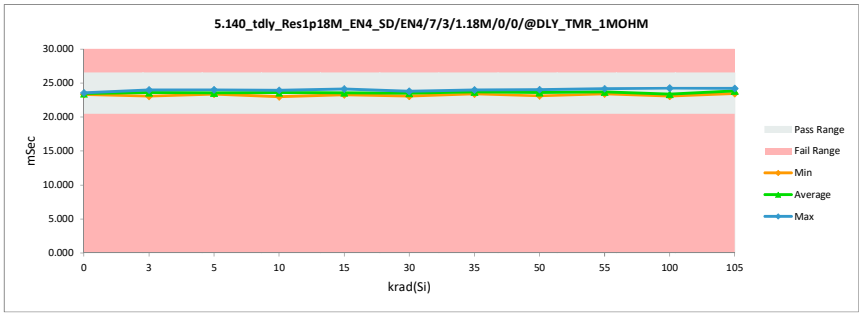
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.140_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.523	23.513	-0.010
0	14	23.562	23.558	-0.004
0	15	23.343	23.333	-0.010
3	20	23.822	23.874	0.052
3	21	23.997	23.997	0.000
3	22	23.803	23.849	0.046
3	23	23.112	23.075	-0.037
3	24	23.308	23.304	-0.004
5	25	23.548	23.625	0.077
5	26	24.050	24.035	-0.015
5	27	23.411	23.389	-0.022
5	28	23.448	23.443	-0.005
5	29	23.450	23.425	-0.025
10	30	23.682	23.618	-0.064
10	31	24.069	23.939	-0.130
10	32	23.588	23.526	-0.062
10	33	23.992	23.927	-0.065
10	34	22.928	22.999	0.071
15	35	23.287	23.286	-0.001
15	36	23.329	23.309	-0.020
15	37	23.973	23.839	-0.134
15	38	24.218	24.143	-0.075
15	39	23.413	23.402	-0.011
30	40	23.910	23.807	-0.103
30	41	23.332	23.446	0.114
30	42	23.274	23.488	0.214
30	43	23.770	23.697	-0.073
30	44	22.956	23.092	0.136
35	45	23.494	23.634	0.140
35	46	24.141	23.994	-0.147
35	47	23.415	23.418	0.003
35	48	23.666	23.644	-0.022
35	49	23.643	23.790	0.147
50	50	24.186	23.930	-0.256
50	51	23.654	23.588	-0.066
50	52	23.879	23.447	-0.432
50	53	23.941	24.049	0.108
50	54	23.182	23.120	-0.062
55	55	23.238	23.430	0.192
55	56	23.789	23.521	-0.268
55	57	24.113	24.198	0.085
55	58	23.352	23.411	0.059
55	59	24.161	23.941	-0.220
100	60	23.555	23.105	-0.450
100	61	23.100	23.179	0.079
100	62	24.062	24.259	0.197
100	63	23.177	23.193	0.016
100	64	23.156	23.230	0.074
105	65	23.684	23.470	-0.214
105	66	24.158	24.081	-0.077
105	67	23.787	23.839	0.052
105	68	23.640	23.708	0.068
105	69	23.886	24.221	0.335
	Max	24.218	24.259	0.335
	Average	23.626	23.610	-0.015
	Min	22.928	22.999	-0.450
	Std Dev	0.349	0.332	0.144



	5.140_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.333	23.075	23.389	22.999	23.286	23.092	23.418	23.120	23.411	23.105	23.470
Average	23.468	23.620	23.583	23.602	23.596	23.506	23.696	23.627	23.700	23.393	23.864
Max	23.558	23.997	24.035	23.939	24.143	23.807	23.994	24.049	24.198	24.259	24.221
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

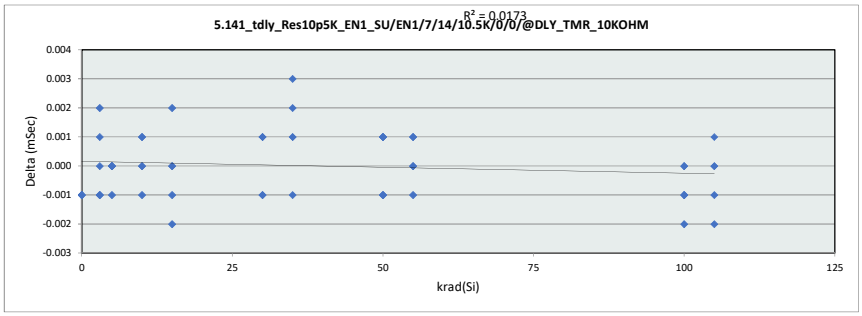


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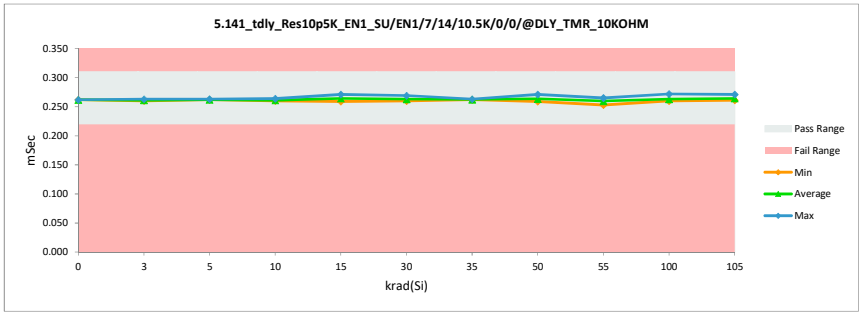
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.141_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.263	0.262	-0.001
0	14	0.263	0.262	-0.001
0	15	0.263	0.262	-0.001
3	20	0.261	0.260	-0.001
3	21	0.264	0.263	-0.001
3	22	0.262	0.262	0.000
3	23	0.260	0.262	0.002
3	24	0.259	0.260	0.001
5	25	0.263	0.263	0.000
5	26	0.262	0.262	0.000
5	27	0.263	0.262	-0.001
5	28	0.262	0.262	0.000
5	29	0.262	0.262	0.000
10	30	0.261	0.260	-0.001
10	31	0.260	0.261	0.001
10	32	0.260	0.260	0.000
10	33	0.263	0.264	0.001
10	34	0.261	0.261	0.000
15	35	0.260	0.260	0.000
15	36	0.259	0.259	0.000
15	37	0.269	0.268	-0.001
15	38	0.273	0.271	-0.002
15	39	0.261	0.263	0.002
30	40	0.263	0.262	-0.001
30	41	0.259	0.260	0.001
30	42	0.263	0.262	-0.001
30	43	0.268	0.269	0.001
30	44	0.261	0.262	0.001
35	45	0.262	0.263	0.001
35	46	0.263	0.262	-0.001
35	47	0.262	0.263	0.001
35	48	0.261	0.263	0.002
35	49	0.259	0.262	0.003
50	50	0.264	0.263	-0.001
50	51	0.262	0.263	0.001
50	52	0.262	0.263	0.001
50	53	0.270	0.271	0.001
50	54	0.260	0.259	-0.001
55	55	0.254	0.253	-0.001
55	56	0.264	0.265	0.001
55	57	0.263	0.264	0.001
55	58	0.256	0.256	0.000
55	59	0.261	0.261	0.000
100	60	0.261	0.260	-0.001
100	61	0.263	0.261	-0.002
100	62	0.272	0.272	0.000
100	63	0.263	0.263	0.000
100	64	0.261	0.260	-0.001
105	65	0.263	0.261	-0.002
105	66	0.271	0.271	0.000
105	67	0.265	0.265	0.000
105	68	0.263	0.262	-0.001
105	69	0.261	0.262	0.001
	Max	0.273	0.272	0.003
	Average	0.263	0.263	0.000
	Min	0.254	0.253	-0.002
	Std Dev	0.004	0.003	0.001



	5.141_tdly_Res10p5K_EI										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.260	0.262	0.260	0.259	0.260	0.262	0.259	0.253	0.260	0.261
Average	0.262	0.261	0.262	0.261	0.264	0.263	0.263	0.264	0.260	0.263	0.264
Max	0.262	0.263	0.263	0.264	0.271	0.269	0.263	0.271	0.265	0.272	0.271
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

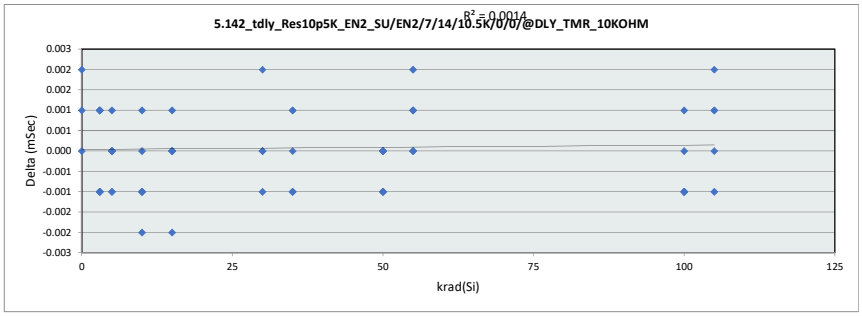


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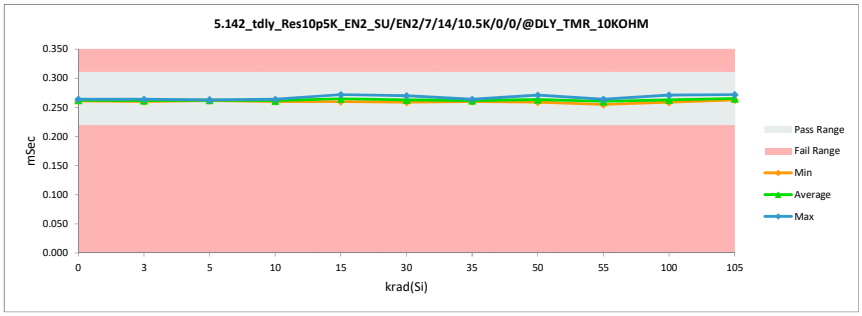
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.142_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.262	0.001
0	14	0.261	0.261	0.000
0	15	0.262	0.264	0.002
3	20	0.261	0.260	-0.001
3	21	0.265	0.264	-0.001
3	22	0.263	0.264	0.001
3	23	0.261	0.262	0.001
3	24	0.259	0.260	0.001
5	25	0.263	0.263	0.000
5	26	0.262	0.263	0.001
5	27	0.262	0.262	0.000
5	28	0.262	0.262	0.000
5	29	0.263	0.262	-0.001
10	30	0.261	0.260	-0.001
10	31	0.262	0.260	-0.002
10	32	0.261	0.262	0.001
10	33	0.265	0.264	-0.001
10	34	0.262	0.262	0.000
15	35	0.260	0.260	0.000
15	36	0.260	0.261	0.001
15	37	0.271	0.269	-0.002
15	38	0.272	0.272	0.000
15	39	0.262	0.262	0.000
30	40	0.263	0.263	0.000
30	41	0.259	0.259	0.000
30	42	0.262	0.262	0.000
30	43	0.268	0.270	0.002
30	44	0.262	0.261	-0.001
35	45	0.263	0.264	0.001
35	46	0.262	0.262	0.000
35	47	0.261	0.260	-0.001
35	48	0.263	0.262	-0.001
35	49	0.261	0.262	0.001
50	50	0.264	0.263	-0.001
50	51	0.263	0.263	0.000
50	52	0.262	0.261	-0.001
50	53	0.271	0.271	0.000
50	54	0.259	0.259	0.000
55	55	0.254	0.255	0.001
55	56	0.264	0.264	0.000
55	57	0.264	0.264	0.000
55	58	0.254	0.256	0.002
55	59	0.262	0.263	0.001
100	60	0.260	0.259	-0.001
100	61	0.262	0.261	-0.001
100	62	0.272	0.271	-0.001
100	63	0.262	0.262	0.000
100	64	0.261	0.262	0.001
105	65	0.262	0.263	0.001
105	66	0.271	0.272	0.001
105	67	0.266	0.265	-0.001
105	68	0.263	0.263	0.000
105	69	0.262	0.264	0.002
	Max	0.272	0.272	0.002
	Average	0.263	0.263	0.000
	Min	0.254	0.255	-0.002
	Std Dev	0.004	0.003	0.001



	5.142_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.260	0.262	0.260	0.260	0.259	0.260	0.259	0.255	0.259	0.263
Average	0.262	0.262	0.262	0.262	0.265	0.263	0.262	0.263	0.260	0.263	0.265
Max	0.264	0.264	0.263	0.264	0.272	0.270	0.264	0.271	0.264	0.271	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

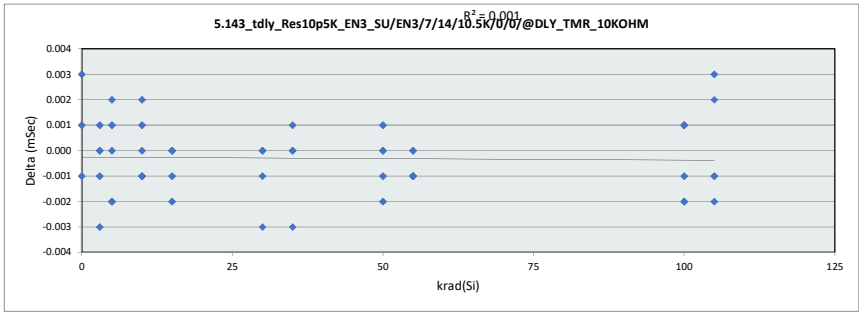


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

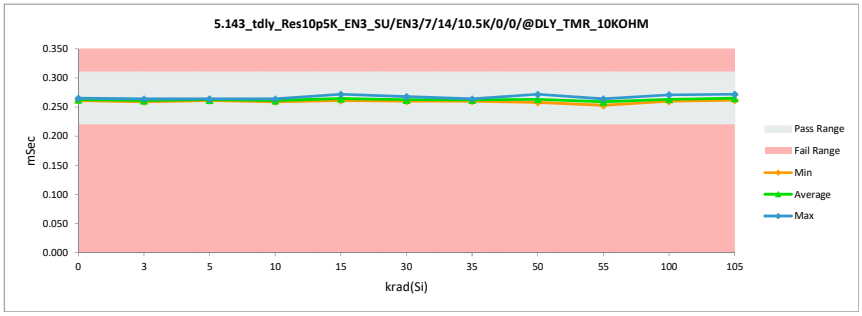
	5.143_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.261	-0.001
0	14	0.262	0.263	0.001
0	15	0.262	0.265	0.003
3	20	0.260	0.260	0.000
3	21	0.267	0.264	-0.003
3	22	0.263	0.263	0.000
3	23	0.261	0.260	-0.001
3	24	0.258	0.259	0.001
5	25	0.266	0.264	-0.002
5	26	0.262	0.262	0.000
5	27	0.263	0.261	-0.002
5	28	0.262	0.263	0.001
5	29	0.261	0.263	0.002
10	30	0.261	0.260	-0.001
10	31	0.260	0.261	0.001
10	32	0.260	0.259	-0.001
10	33	0.263	0.263	0.000
10	34	0.262	0.264	0.002
15	35	0.261	0.261	0.000
15	36	0.262	0.261	-0.001
15	37	0.269	0.269	0.000
15	38	0.272	0.272	0.000
15	39	0.263	0.261	-0.002
30	40	0.262	0.262	0.000
30	41	0.260	0.260	0.000
30	42	0.263	0.262	-0.001
30	43	0.271	0.268	-0.003
30	44	0.261	0.261	0.000
35	45	0.263	0.264	0.001
35	46	0.263	0.263	0.000
35	47	0.263	0.263	0.000
35	48	0.262	0.262	0.000
35	49	0.263	0.260	-0.003
50	50	0.264	0.263	-0.001
50	51	0.261	0.262	0.001
50	52	0.262	0.262	0.000
50	53	0.272	0.272	0.000
50	54	0.260	0.258	-0.002
55	55	0.254	0.253	-0.001
55	56	0.265	0.264	-0.001
55	57	0.263	0.262	-0.001
55	58	0.255	0.255	0.000
55	59	0.261	0.261	0.000
100	60	0.260	0.261	0.001
100	61	0.262	0.261	-0.001
100	62	0.270	0.271	0.001
100	63	0.265	0.263	-0.002
100	64	0.262	0.260	-0.002
105	65	0.263	0.262	-0.001
105	66	0.270	0.272	0.002
105	67	0.266	0.264	-0.002
105	68	0.264	0.263	-0.001
105	69	0.261	0.264	0.003
	Max	0.272	0.272	0.003
	Average	0.263	0.263	0.000
	Min	0.254	0.253	-0.003
	Std Dev	0.004	0.004	0.001



	5.143_tdly_Res10p5K_E	
Test Site		
Tester		
Test Number		
Max Limit	0.31	mSec
Min Limit	0.22	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.261	0.259	0.261	0.260	0.260	0.258	0.253	0.260	0.262
Average	0.263	0.261	0.263	0.261	0.265	0.263	0.262	0.263	0.259	0.263	0.265
Max	0.265	0.264	0.264	0.264	0.272	0.268	0.264	0.272	0.264	0.271	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

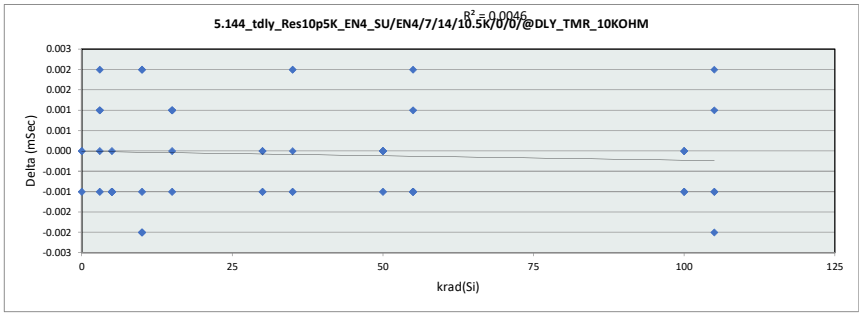


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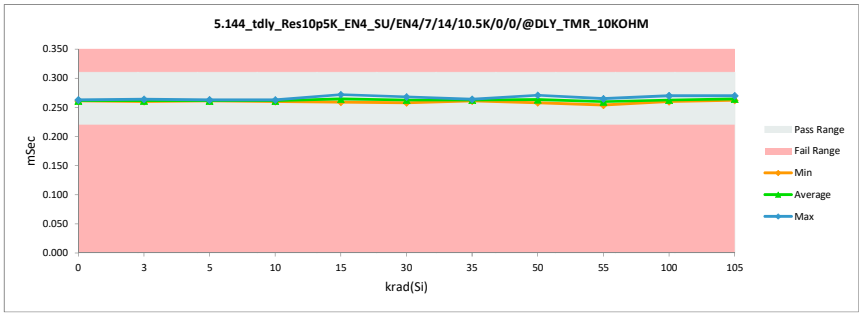
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.144_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.261	0.000
0	14	0.263	0.263	0.000
0	15	0.262	0.261	-0.001
3	20	0.260	0.261	0.001
3	21	0.263	0.264	0.001
3	22	0.263	0.262	-0.001
3	23	0.261	0.261	0.000
3	24	0.258	0.260	0.002
5	25	0.264	0.263	-0.001
5	26	0.262	0.261	-0.001
5	27	0.261	0.261	0.000
5	28	0.262	0.261	-0.001
5	29	0.263	0.262	-0.001
10	30	0.262	0.260	-0.002
10	31	0.261	0.260	-0.001
10	32	0.260	0.262	0.002
10	33	0.265	0.263	-0.002
10	34	0.261	0.263	0.002
15	35	0.259	0.259	0.000
15	36	0.259	0.260	0.001
15	37	0.269	0.270	0.001
15	38	0.271	0.272	0.001
15	39	0.262	0.261	-0.001
30	40	0.264	0.263	-0.001
30	41	0.259	0.258	-0.001
30	42	0.262	0.262	0.000
30	43	0.268	0.268	0.000
30	44	0.262	0.262	0.000
35	45	0.264	0.263	-0.001
35	46	0.263	0.262	-0.001
35	47	0.261	0.263	0.002
35	48	0.262	0.264	0.002
35	49	0.261	0.261	0.000
50	50	0.264	0.263	-0.001
50	51	0.263	0.263	0.000
50	52	0.262	0.262	0.000
50	53	0.271	0.271	0.000
50	54	0.258	0.258	0.000
55	55	0.254	0.255	0.001
55	56	0.264	0.263	-0.001
55	57	0.263	0.265	0.002
55	58	0.255	0.254	-0.001
55	59	0.263	0.262	-0.001
100	60	0.260	0.260	0.000
100	61	0.261	0.261	0.000
100	62	0.271	0.270	-0.001
100	63	0.263	0.263	0.000
100	64	0.261	0.260	-0.001
105	65	0.263	0.262	-0.001
105	66	0.271	0.270	-0.001
105	67	0.266	0.264	-0.002
105	68	0.262	0.264	0.002
105	69	0.262	0.263	0.001
	Max	0.271	0.272	0.002
	Average	0.263	0.262	0.000
	Min	0.254	0.254	-0.002
	Std Dev	0.004	0.003	0.001



	5.144_tdly_Res10p5K_El										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.260	0.261	0.260	0.259	0.258	0.261	0.258	0.254	0.260	0.262
Average	0.262	0.262	0.262	0.262	0.264	0.263	0.263	0.263	0.260	0.263	0.265
Max	0.263	0.264	0.263	0.263	0.272	0.268	0.264	0.271	0.265	0.270	0.270
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

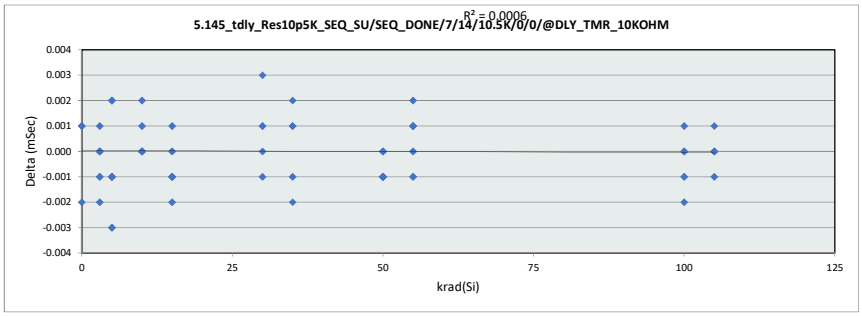


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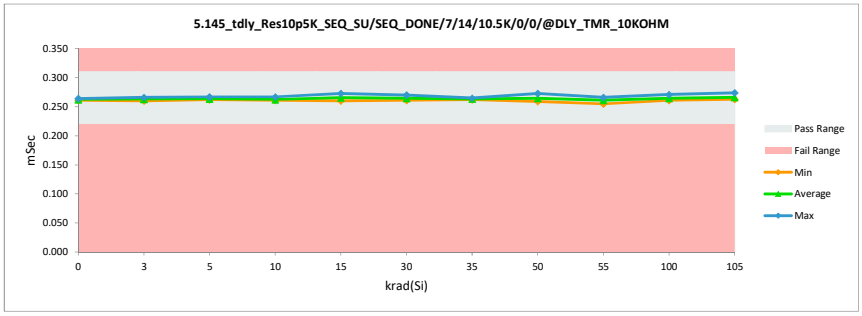
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.145_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.263	0.001
0	14	0.263	0.261	-0.002
0	15	0.263	0.264	0.001
3	20	0.265	0.263	-0.002
3	21	0.266	0.266	0.000
3	22	0.264	0.264	0.000
3	23	0.262	0.263	0.001
3	24	0.261	0.260	-0.001
5	25	0.265	0.267	0.002
5	26	0.264	0.263	-0.001
5	27	0.262	0.264	0.002
5	28	0.264	0.263	-0.001
5	29	0.265	0.262	-0.003
10	30	0.261	0.262	0.001
10	31	0.261	0.261	0.000
10	32	0.262	0.262	0.000
10	33	0.265	0.267	0.002
10	34	0.262	0.262	0.000
15	35	0.262	0.260	-0.002
15	36	0.261	0.260	-0.001
15	37	0.270	0.271	0.001
15	38	0.274	0.273	-0.001
15	39	0.263	0.263	0.000
30	40	0.262	0.265	0.003
30	41	0.262	0.261	-0.001
30	42	0.263	0.263	0.000
30	43	0.269	0.270	0.001
30	44	0.262	0.263	0.001
35	45	0.266	0.265	-0.001
35	46	0.263	0.264	0.001
35	47	0.262	0.264	0.002
35	48	0.265	0.263	-0.002
35	49	0.261	0.262	0.001
50	50	0.266	0.265	-0.001
50	51	0.263	0.263	0.000
50	52	0.264	0.263	-0.001
50	53	0.274	0.273	-0.001
50	54	0.259	0.259	0.000
55	55	0.256	0.255	-0.001
55	56	0.264	0.265	0.001
55	57	0.264	0.266	0.002
55	58	0.257	0.257	0.000
55	59	0.263	0.264	0.001
100	60	0.262	0.261	-0.001
100	61	0.263	0.264	0.001
100	62	0.273	0.271	-0.002
100	63	0.264	0.264	0.000
100	64	0.263	0.263	0.000
105	65	0.263	0.263	0.000
105	66	0.274	0.274	0.000
105	67	0.266	0.266	0.000
105	68	0.265	0.264	-0.001
105	69	0.263	0.264	0.001
	Max	0.274	0.274	0.003
	Average	0.264	0.264	0.000
	Min	0.256	0.255	-0.003
	Std Dev	0.004	0.004	0.001



	5.145_tdly_Res10p5K_SI										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.260	0.262	0.261	0.260	0.261	0.262	0.259	0.255	0.261	0.263
Average	0.263	0.263	0.264	0.263	0.265	0.264	0.264	0.265	0.261	0.265	0.266
Max	0.264	0.266	0.267	0.267	0.273	0.270	0.265	0.273	0.266	0.271	0.274
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

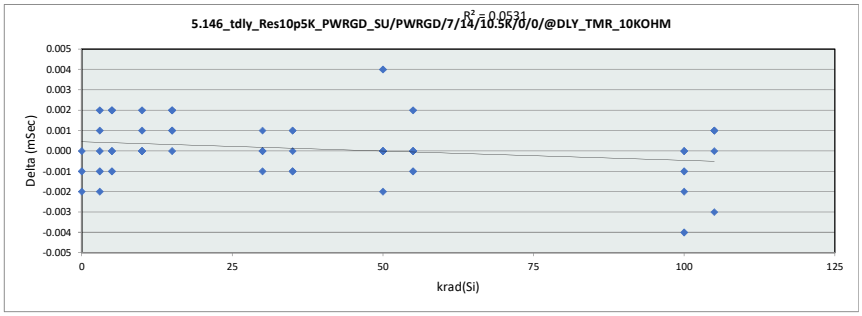


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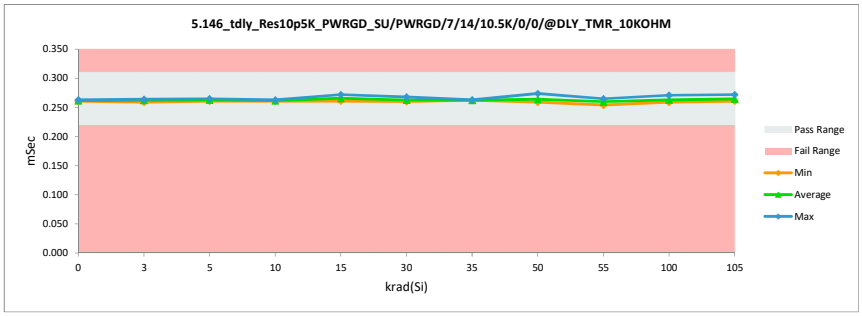
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.146_tdly_Res10p5K_PW	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.263	0.261	-0.002
0	14	0.263	0.263	0.000
0	15	0.262	0.261	-0.001
3	20	0.260	0.261	0.001
3	21	0.264	0.264	0.000
3	22	0.264	0.263	-0.001
3	23	0.261	0.263	0.002
3	24	0.261	0.259	-0.002
5	25	0.263	0.265	0.002
5	26	0.263	0.262	-0.001
5	27	0.261	0.261	0.000
5	28	0.262	0.262	0.000
5	29	0.261	0.263	0.002
10	30	0.260	0.262	0.002
10	31	0.261	0.262	0.001
10	32	0.261	0.261	0.000
10	33	0.263	0.263	0.000
10	34	0.261	0.261	0.000
15	35	0.260	0.262	0.002
15	36	0.260	0.261	0.001
15	37	0.269	0.270	0.001
15	38	0.272	0.272	0.000
15	39	0.261	0.263	0.002
30	40	0.261	0.262	0.001
30	41	0.260	0.260	0.000
30	42	0.262	0.262	0.000
30	43	0.269	0.268	-0.001
30	44	0.261	0.261	0.000
35	45	0.264	0.263	-0.001
35	46	0.262	0.262	0.000
35	47	0.263	0.262	-0.001
35	48	0.262	0.263	0.001
35	49	0.261	0.262	0.001
50	50	0.265	0.263	-0.002
50	51	0.262	0.262	0.000
50	52	0.262	0.262	0.000
50	53	0.270	0.274	0.004
50	54	0.259	0.259	0.000
55	55	0.254	0.254	0.000
55	56	0.263	0.265	0.002
55	57	0.263	0.263	0.000
55	58	0.256	0.255	-0.001
55	59	0.262	0.262	0.000
100	60	0.263	0.259	-0.004
100	61	0.263	0.261	-0.002
100	62	0.271	0.271	0.000
100	63	0.263	0.262	-0.001
100	64	0.262	0.262	0.000
105	65	0.264	0.261	-0.003
105	66	0.271	0.272	0.001
105	67	0.264	0.264	0.000
105	68	0.262	0.263	0.001
105	69	0.262	0.263	0.001
	Max	0.272	0.274	0.004
	Average	0.263	0.263	0.000
	Min	0.254	0.254	-0.004
	Std Dev	0.003	0.004	0.001



	5.146_tdly_Res10p5K_P										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.261	0.261	0.261	0.260	0.262	0.259	0.254	0.259	0.261
Average	0.262	0.262	0.263	0.262	0.266	0.263	0.262	0.264	0.260	0.263	0.265
Max	0.263	0.264	0.265	0.263	0.272	0.268	0.263	0.274	0.265	0.271	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

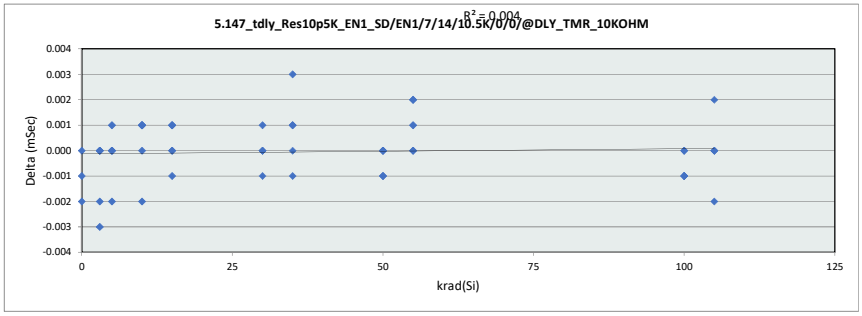


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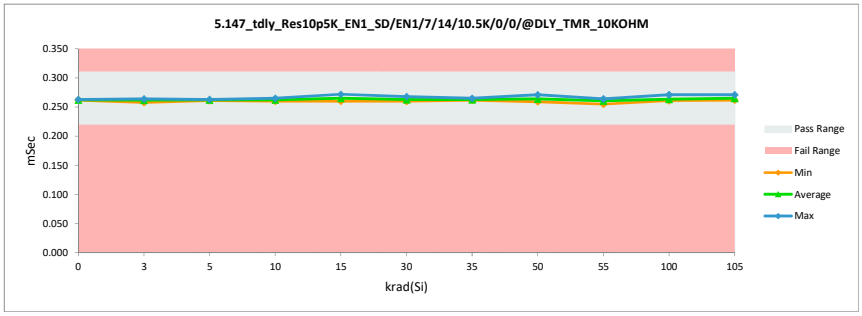
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.147_tdly_Res10p5K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.262	0.000
0	14	0.264	0.263	-0.001
0	15	0.264	0.262	-0.002
3	20	0.261	0.261	0.000
3	21	0.264	0.264	0.000
3	22	0.265	0.262	-0.003
3	23	0.263	0.263	0.000
3	24	0.260	0.258	-0.002
5	25	0.263	0.263	0.000
5	26	0.263	0.263	0.000
5	27	0.261	0.262	0.001
5	28	0.262	0.262	0.000
5	29	0.263	0.261	-0.002
10	30	0.261	0.262	0.001
10	31	0.262	0.260	-0.002
10	32	0.260	0.260	0.000
10	33	0.264	0.265	0.001
10	34	0.263	0.264	0.001
15	35	0.260	0.261	0.001
15	36	0.259	0.260	0.001
15	37	0.271	0.270	-0.001
15	38	0.272	0.272	0.000
15	39	0.263	0.263	0.000
30	40	0.262	0.262	0.000
30	41	0.260	0.260	0.000
30	42	0.262	0.262	0.000
30	43	0.269	0.268	-0.001
30	44	0.261	0.262	0.001
35	45	0.264	0.265	0.001
35	46	0.263	0.262	-0.001
35	47	0.261	0.262	0.001
35	48	0.262	0.262	0.000
35	49	0.260	0.263	0.003
50	50	0.265	0.264	-0.001
50	51	0.264	0.264	0.000
50	52	0.263	0.262	-0.001
50	53	0.271	0.271	0.000
50	54	0.259	0.259	0.000
55	55	0.254	0.255	0.001
55	56	0.264	0.264	0.000
55	57	0.262	0.264	0.002
55	58	0.255	0.257	0.002
55	59	0.263	0.263	0.000
100	60	0.261	0.261	0.000
100	61	0.263	0.262	-0.001
100	62	0.271	0.271	0.000
100	63	0.263	0.262	-0.001
100	64	0.262	0.261	-0.001
105	65	0.264	0.262	-0.002
105	66	0.271	0.271	0.000
105	67	0.266	0.266	0.000
105	68	0.263	0.263	0.000
105	69	0.262	0.264	0.002
	Max	0.272	0.272	0.003
	Average	0.263	0.263	0.000
	Min	0.254	0.255	-0.003
	Std Dev	0.004	0.003	0.001



	5.147_tdly_Res10p5K_El										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.258	0.261	0.260	0.260	0.260	0.262	0.259	0.255	0.261	0.262
Average	0.262	0.262	0.262	0.262	0.265	0.263	0.263	0.264	0.261	0.263	0.265
Max	0.263	0.264	0.263	0.265	0.272	0.268	0.265	0.271	0.264	0.271	0.271
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

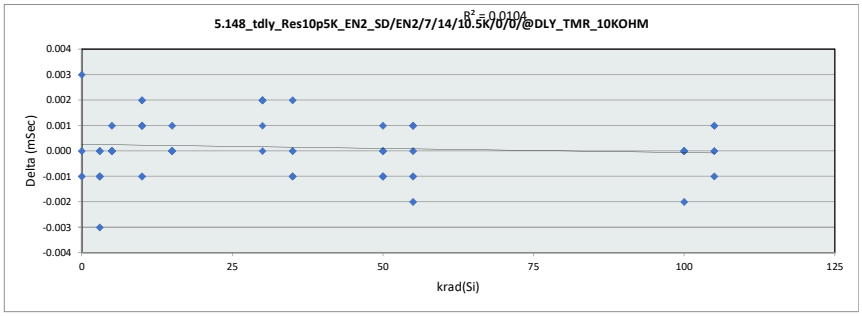


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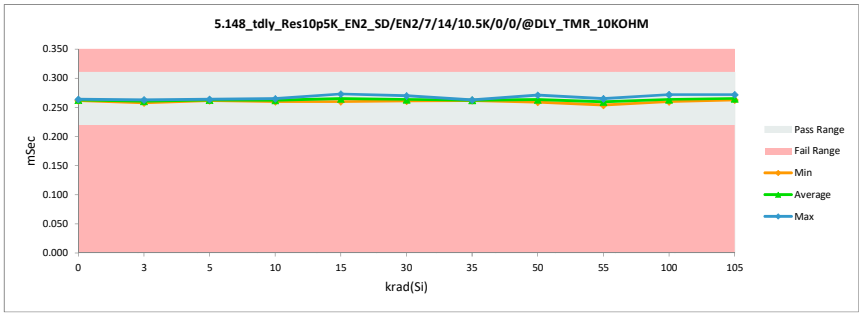
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.148_tdly_Res10p5K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.264	0.003
0	14	0.262	0.262	0.000
0	15	0.263	0.262	-0.001
3	20	0.260	0.260	0.000
3	21	0.264	0.263	-0.001
3	22	0.265	0.262	-0.003
3	23	0.261	0.261	0.000
3	24	0.259	0.258	-0.001
5	25	0.263	0.263	0.000
5	26	0.263	0.264	0.001
5	27	0.262	0.262	0.000
5	28	0.263	0.263	0.000
5	29	0.262	0.262	0.000
10	30	0.260	0.262	0.002
10	31	0.261	0.260	-0.001
10	32	0.261	0.262	0.001
10	33	0.264	0.265	0.001
10	34	0.262	0.263	0.001
15	35	0.260	0.260	0.000
15	36	0.259	0.260	0.001
15	37	0.270	0.270	0.000
15	38	0.273	0.273	0.000
15	39	0.262	0.262	0.000
30	40	0.261	0.263	0.002
30	41	0.260	0.261	0.001
30	42	0.261	0.263	0.002
30	43	0.268	0.270	0.002
30	44	0.261	0.261	0.000
35	45	0.264	0.263	-0.001
35	46	0.263	0.262	-0.001
35	47	0.263	0.263	0.000
35	48	0.261	0.263	0.002
35	49	0.262	0.262	0.000
50	50	0.264	0.264	0.000
50	51	0.262	0.261	-0.001
50	52	0.262	0.262	0.000
50	53	0.270	0.271	0.001
50	54	0.260	0.259	-0.001
55	55	0.253	0.254	0.001
55	56	0.265	0.265	0.000
55	57	0.264	0.262	-0.002
55	58	0.256	0.255	-0.001
55	59	0.261	0.262	0.001
100	60	0.260	0.260	0.000
100	61	0.263	0.261	-0.002
100	62	0.272	0.272	0.000
100	63	0.263	0.263	0.000
100	64	0.262	0.262	0.000
105	65	0.264	0.263	-0.001
105	66	0.272	0.272	0.000
105	67	0.265	0.265	0.000
105	68	0.263	0.264	0.001
105	69	0.262	0.263	0.001
	Max	0.273	0.273	0.003
	Average	0.263	0.263	0.000
	Min	0.253	0.254	-0.003
	Std Dev	0.004	0.004	0.001



	5.148_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.258	0.262	0.260	0.260	0.261	0.262	0.259	0.254	0.260	0.263
Average	0.263	0.261	0.263	0.262	0.265	0.264	0.263	0.263	0.260	0.264	0.265
Max	0.264	0.263	0.264	0.265	0.273	0.270	0.263	0.271	0.265	0.272	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

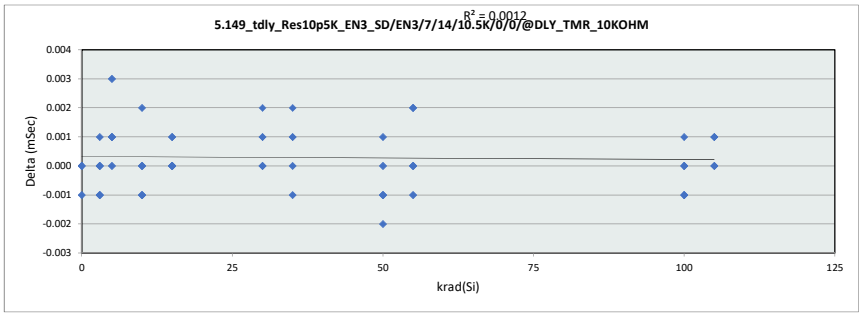


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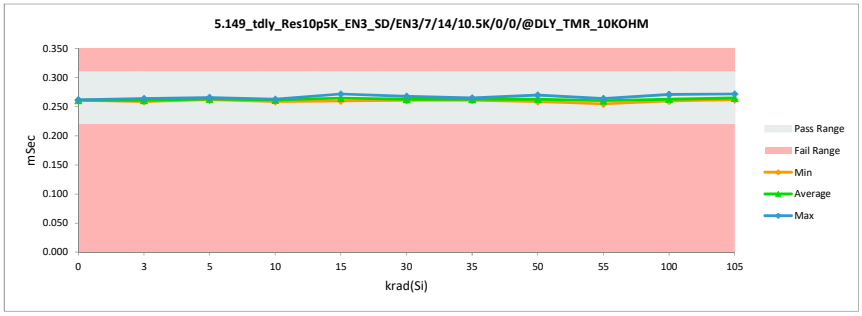
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.149_tdly_Res10p5K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.261	-0.001
0	14	0.261	0.261	0.000
0	15	0.262	0.262	0.000
3	20	0.261	0.260	-0.001
3	21	0.264	0.264	0.000
3	22	0.263	0.264	0.001
3	23	0.261	0.260	-0.001
3	24	0.259	0.259	0.000
5	25	0.263	0.266	0.003
5	26	0.262	0.263	0.001
5	27	0.261	0.262	0.001
5	28	0.263	0.264	0.001
5	29	0.262	0.262	0.000
10	30	0.263	0.262	-0.001
10	31	0.260	0.262	0.002
10	32	0.260	0.259	-0.001
10	33	0.263	0.263	0.000
10	34	0.262	0.262	0.000
15	35	0.260	0.260	0.000
15	36	0.260	0.260	0.000
15	37	0.269	0.270	0.001
15	38	0.271	0.272	0.001
15	39	0.262	0.262	0.000
30	40	0.261	0.262	0.001
30	41	0.260	0.261	0.001
30	42	0.261	0.263	0.002
30	43	0.268	0.268	0.000
30	44	0.261	0.261	0.000
35	45	0.264	0.265	0.001
35	46	0.263	0.264	0.001
35	47	0.263	0.263	0.000
35	48	0.263	0.262	-0.001
35	49	0.259	0.261	0.002
50	50	0.264	0.263	-0.001
50	51	0.263	0.261	-0.002
50	52	0.262	0.263	0.001
50	53	0.271	0.270	-0.001
50	54	0.259	0.259	0.000
55	55	0.253	0.255	0.002
55	56	0.265	0.264	-0.001
55	57	0.264	0.264	0.000
55	58	0.256	0.256	0.000
55	59	0.261	0.263	0.002
100	60	0.260	0.260	0.000
100	61	0.261	0.261	0.000
100	62	0.272	0.271	-0.001
100	63	0.264	0.263	-0.001
100	64	0.260	0.261	0.001
105	65	0.262	0.263	0.001
105	66	0.271	0.272	0.001
105	67	0.265	0.266	0.001
105	68	0.263	0.263	0.000
105	69	0.262	0.262	0.000
	Max	0.272	0.272	0.003
	Average	0.263	0.263	0.000
	Min	0.253	0.255	-0.002
	Std Dev	0.004	0.003	0.001



	5.149_tdly_Res10p5K_E										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.261	0.259	0.262	0.259	0.260	0.261	0.261	0.259	0.255	0.260	0.262
Average	0.261	0.261	0.263	0.262	0.265	0.263	0.263	0.263	0.260	0.263	0.265
Max	0.262	0.264	0.266	0.263	0.272	0.268	0.265	0.270	0.264	0.271	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

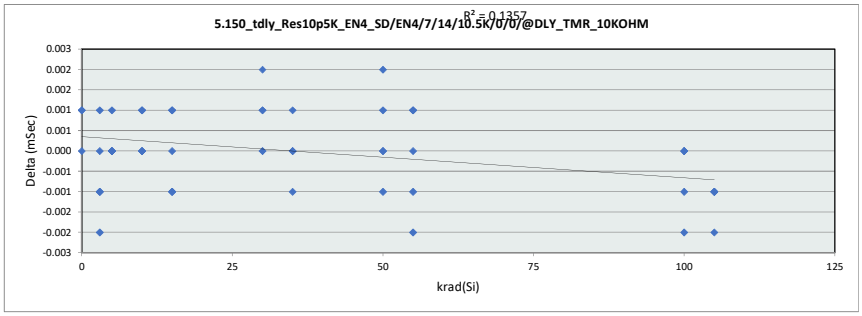


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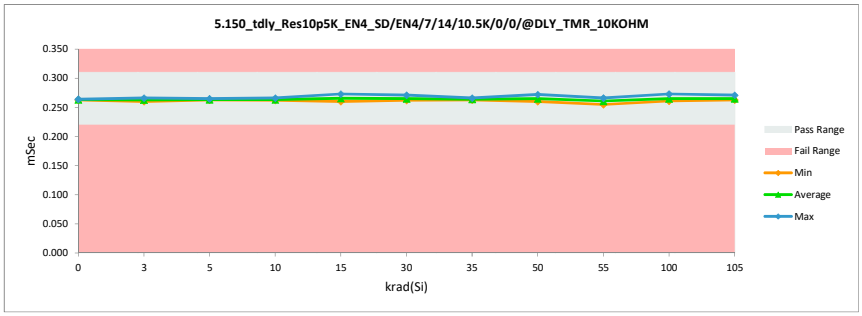
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.150_tdly_Res10p5K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.263	0.001
0	14	0.263	0.263	0.000
0	15	0.263	0.264	0.001
3	20	0.263	0.261	-0.002
3	21	0.265	0.265	0.000
3	22	0.265	0.266	0.001
3	23	0.262	0.261	-0.001
3	24	0.261	0.260	-0.001
5	25	0.265	0.265	0.000
5	26	0.263	0.263	0.000
5	27	0.263	0.263	0.000
5	28	0.263	0.264	0.001
5	29	0.263	0.263	0.000
10	30	0.262	0.262	0.000
10	31	0.261	0.262	0.001
10	32	0.261	0.262	0.001
10	33	0.266	0.266	0.000
10	34	0.264	0.264	0.000
15	35	0.261	0.262	0.001
15	36	0.260	0.260	0.000
15	37	0.271	0.270	-0.001
15	38	0.272	0.273	0.001
15	39	0.264	0.263	-0.001
30	40	0.264	0.265	0.001
30	41	0.262	0.262	0.000
30	42	0.264	0.264	0.000
30	43	0.269	0.271	0.002
30	44	0.262	0.263	0.001
35	45	0.267	0.266	-0.001
35	46	0.264	0.264	0.000
35	47	0.263	0.263	0.000
35	48	0.264	0.265	0.001
35	49	0.263	0.263	0.000
50	50	0.265	0.264	-0.001
50	51	0.263	0.265	0.002
50	52	0.264	0.264	0.000
50	53	0.271	0.272	0.001
50	54	0.260	0.260	0.000
55	55	0.256	0.255	-0.001
55	56	0.265	0.266	0.001
55	57	0.264	0.265	0.001
55	58	0.257	0.257	0.000
55	59	0.264	0.262	-0.002
100	60	0.261	0.261	0.000
100	61	0.264	0.264	0.000
100	62	0.275	0.273	-0.002
100	63	0.265	0.264	-0.001
100	64	0.263	0.263	0.000
105	65	0.264	0.263	-0.001
105	66	0.273	0.271	-0.002
105	67	0.267	0.266	-0.001
105	68	0.265	0.264	-0.001
105	69	0.264	0.263	-0.001
	Max	0.275	0.273	0.002
	Average	0.264	0.264	0.000
	Min	0.256	0.255	-0.002
	Std Dev	0.004	0.003	0.001



	5.150_tdly_Res10p5K_El										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.263	0.260	0.263	0.262	0.260	0.262	0.263	0.260	0.255	0.261	0.263
Average	0.263	0.263	0.264	0.263	0.266	0.265	0.264	0.265	0.261	0.265	0.265
Max	0.264	0.266	0.265	0.266	0.273	0.271	0.266	0.272	0.266	0.273	0.271
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

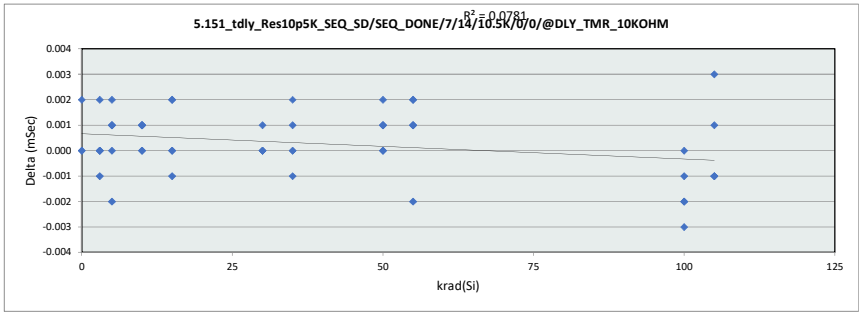


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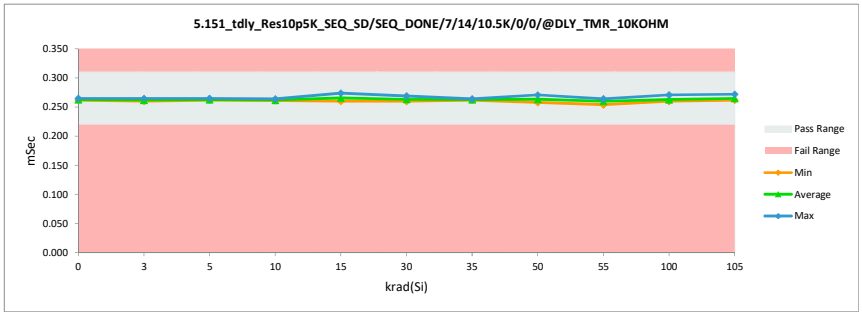
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.151_tdly_Res10p5K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.342	0.31
Min Limit	0.205	0.22

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.262	0.000
0	14	0.262	0.262	0.000
0	15	0.263	0.265	0.002
3	20	0.260	0.260	0.000
3	21	0.264	0.264	0.000
3	22	0.263	0.265	0.002
3	23	0.262	0.261	-0.001
3	24	0.260	0.260	0.000
5	25	0.265	0.265	0.000
5	26	0.262	0.263	0.001
5	27	0.260	0.262	0.002
5	28	0.264	0.262	-0.002
5	29	0.262	0.263	0.001
10	30	0.261	0.262	0.001
10	31	0.260	0.261	0.001
10	32	0.261	0.261	0.000
10	33	0.264	0.264	0.000
10	34	0.261	0.262	0.001
15	35	0.261	0.261	0.000
15	36	0.260	0.260	0.000
15	37	0.271	0.270	-0.001
15	38	0.272	0.274	0.002
15	39	0.261	0.263	0.002
30	40	0.262	0.263	0.001
30	41	0.260	0.260	0.000
30	42	0.263	0.263	0.000
30	43	0.269	0.269	0.000
30	44	0.261	0.261	0.000
35	45	0.264	0.264	0.000
35	46	0.262	0.262	0.000
35	47	0.262	0.263	0.001
35	48	0.264	0.263	-0.001
35	49	0.260	0.262	0.002
50	50	0.263	0.263	0.000
50	51	0.261	0.263	0.002
50	52	0.261	0.262	0.001
50	53	0.270	0.271	0.001
50	54	0.258	0.258	0.000
55	55	0.253	0.254	0.001
55	56	0.265	0.263	-0.002
55	57	0.263	0.264	0.001
55	58	0.254	0.256	0.002
55	59	0.261	0.263	0.002
100	60	0.260	0.260	0.000
100	61	0.263	0.261	-0.002
100	62	0.273	0.271	-0.002
100	63	0.263	0.262	-0.001
100	64	0.264	0.261	-0.003
105	65	0.263	0.262	-0.001
105	66	0.271	0.272	0.001
105	67	0.265	0.264	-0.001
105	68	0.263	0.262	-0.001
105	69	0.262	0.265	0.003
	Max	0.273	0.274	0.003
	Average	0.263	0.263	0.000
	Min	0.253	0.254	-0.003
	Std Dev	0.004	0.004	0.001



	5.151_tdly_Res10p5K_SI										
Test Site											
Tester											
Test Number											
Max Limit	0.31	mSec									
Min Limit	0.22	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Min	0.262	0.260	0.262	0.261	0.260	0.260	0.262	0.258	0.254	0.260	0.262
Average	0.263	0.262	0.263	0.262	0.266	0.263	0.263	0.263	0.260	0.263	0.265
Max	0.265	0.265	0.265	0.264	0.274	0.269	0.264	0.271	0.264	0.271	0.272
UL	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310

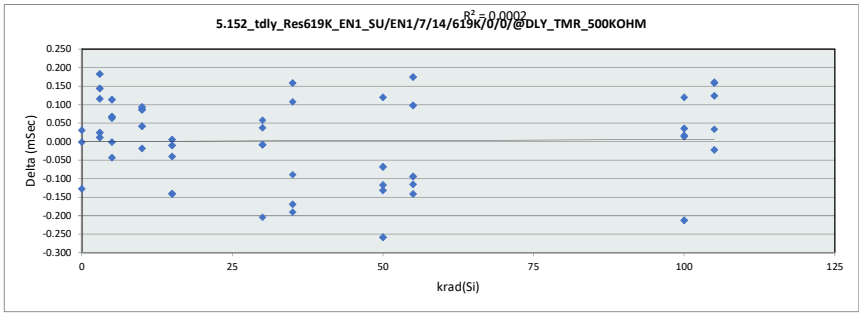


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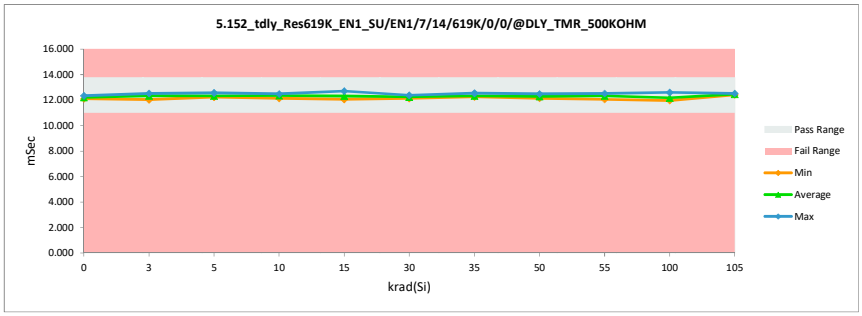
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.152_tdly_Res619K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.317	12.348	0.031
0	14	12.360	12.233	-0.127
0	15	12.112	12.111	-0.001
3	20	12.285	12.468	0.183
3	21	12.417	12.533	0.116
3	22	12.477	12.502	0.025
3	23	12.040	12.184	0.144
3	24	12.038	12.050	0.012
5	25	12.199	12.263	0.064
5	26	12.574	12.573	-0.001
5	27	12.317	12.274	-0.043
5	28	12.171	12.239	0.068
5	29	12.180	12.294	0.114
10	30	12.421	12.403	-0.018
10	31	12.381	12.468	0.087
10	32	12.213	12.307	0.094
10	33	12.405	12.492	0.087
10	34	12.095	12.137	0.042
15	35	12.212	12.072	-0.140
15	36	12.240	12.099	-0.141
15	37	12.600	12.560	-0.040
15	38	12.723	12.713	-0.010
15	39	12.145	12.151	0.006
30	40	12.515	12.311	-0.204
30	41	12.244	12.282	0.038
30	42	12.200	12.192	-0.008
30	43	12.388	12.380	-0.008
30	44	12.073	12.131	0.058
35	45	12.457	12.267	-0.190
35	46	12.429	12.537	0.108
35	47	12.141	12.300	0.159
35	48	12.443	12.274	-0.169
35	49	12.383	12.294	-0.089
50	50	12.491	12.374	-0.117
50	51	12.375	12.244	-0.131
50	52	12.498	12.240	-0.258
50	53	12.556	12.488	-0.068
50	54	12.028	12.148	0.120
55	55	11.956	12.054	0.098
55	56	12.495	12.354	-0.141
55	57	12.601	12.486	-0.115
55	58	12.062	12.237	0.175
55	59	12.616	12.522	-0.094
100	60	12.185	11.973	-0.212
100	61	12.005	12.022	0.017
100	62	12.485	12.605	0.120
100	63	12.201	12.215	0.014
100	64	12.037	12.073	0.036
105	65	12.390	12.424	0.034
105	66	12.549	12.527	-0.022
105	67	12.320	12.481	0.161
105	68	12.273	12.432	0.159
105	69	12.364	12.488	0.124
	Max	12.723	12.713	0.183
	Average	12.315	12.318	0.003
	Min	11.956	11.973	-0.258
	Std Dev	0.188	0.174	0.113



	5.152_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.111	12.050	12.239	12.137	12.072	12.131	12.267	12.148	12.054	11.973	12.424
Average	12.231	12.347	12.329	12.361	12.319	12.259	12.334	12.299	12.331	12.178	12.470
Max	12.348	12.533	12.573	12.492	12.713	12.380	12.537	12.488	12.522	12.605	12.527
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

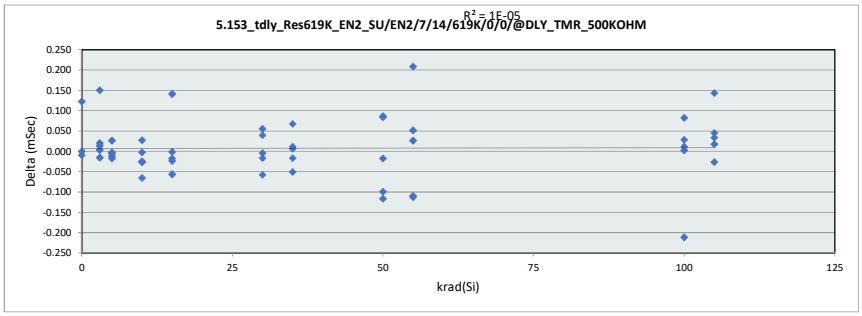


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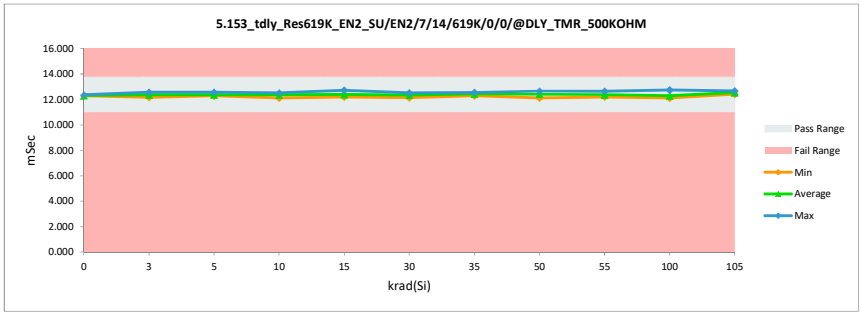
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.153_tdly_Res619K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.211	12.334	0.123
0	14	12.371	12.362	-0.009
0	15	12.275	12.275	0.000
3	20	12.447	12.468	0.021
3	21	12.412	12.563	0.151
3	22	12.476	12.490	0.014
3	23	12.179	12.164	-0.015
3	24	12.180	12.184	0.004
5	25	12.359	12.386	0.027
5	26	12.575	12.571	-0.004
5	27	12.296	12.285	-0.011
5	28	12.311	12.309	-0.002
5	29	12.322	12.305	-0.017
10	30	12.404	12.402	-0.002
10	31	12.542	12.477	-0.065
10	32	12.342	12.318	-0.024
10	33	12.544	12.518	-0.026
10	34	12.093	12.121	0.028
15	35	12.226	12.203	-0.023
15	36	12.241	12.224	-0.017
15	37	12.617	12.561	-0.056
15	38	12.724	12.723	-0.001
15	39	12.159	12.301	0.142
30	40	12.534	12.477	-0.057
30	41	12.240	12.280	0.040
30	42	12.349	12.345	-0.004
30	43	12.525	12.509	-0.016
30	44	12.084	12.140	0.056
35	45	12.415	12.399	-0.016
35	46	12.608	12.558	-0.050
35	47	12.288	12.295	0.007
35	48	12.429	12.441	0.012
35	49	12.389	12.457	0.068
50	50	12.650	12.534	-0.116
50	51	12.385	12.368	-0.017
50	52	12.489	12.390	-0.099
50	53	12.574	12.661	0.087
50	54	12.041	12.126	0.085
55	55	11.993	12.202	0.209
55	56	12.478	12.366	-0.112
55	57	12.592	12.644	0.052
55	58	12.206	12.233	0.027
55	59	12.599	12.490	-0.109
100	60	12.332	12.121	-0.211
100	61	12.156	12.185	0.029
100	62	12.666	12.749	0.083
100	63	12.217	12.220	0.003
100	64	12.178	12.190	0.012
105	65	12.400	12.418	0.018
105	66	12.701	12.675	-0.026
105	67	12.477	12.511	0.034
105	68	12.392	12.438	0.046
105	69	12.511	12.655	0.144
	Max	12.724	12.749	0.209
	Average	12.381	12.389	0.008
	Min	11.993	12.121	-0.211
	Std Dev	0.179	0.167	0.072



	5.153_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.275	12.164	12.285	12.121	12.203	12.140	12.295	12.126	12.202	12.121	12.418
Average	12.324	12.374	12.371	12.367	12.402	12.350	12.430	12.416	12.387	12.293	12.539
Max	12.362	12.563	12.571	12.518	12.723	12.509	12.558	12.661	12.644	12.749	12.675
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

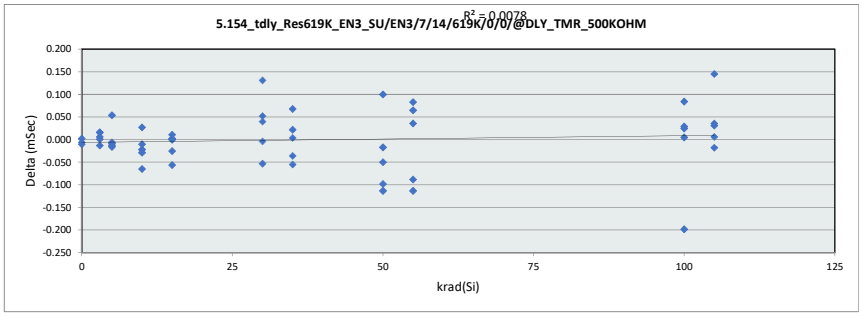


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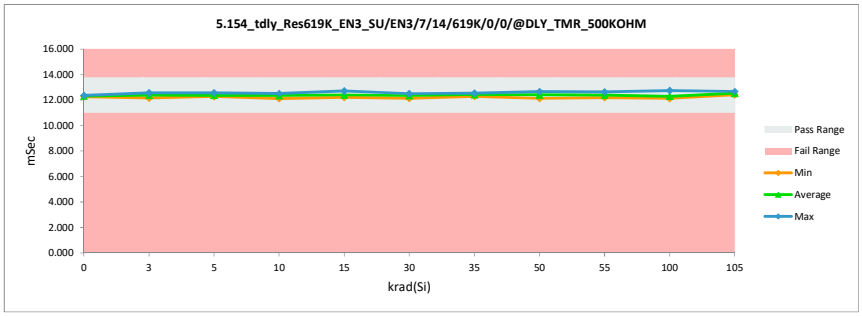
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.154_tdly_Res619K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.346	12.340	-0.006
0	14	12.376	12.366	-0.010
0	15	12.276	12.278	0.002
3	20	12.455	12.471	0.016
3	21	12.562	12.563	0.001
3	22	12.478	12.494	0.016
3	23	12.180	12.167	-0.013
3	24	12.180	12.186	0.006
5	25	12.336	12.390	0.054
5	26	12.578	12.572	-0.006
5	27	12.300	12.287	-0.013
5	28	12.318	12.309	-0.009
5	29	12.325	12.309	-0.016
10	30	12.414	12.404	-0.010
10	31	12.545	12.480	-0.065
10	32	12.343	12.321	-0.022
10	33	12.550	12.521	-0.029
10	34	12.094	12.121	0.027
15	35	12.223	12.223	0.000
15	36	12.214	12.225	0.011
15	37	12.618	12.562	-0.056
15	38	12.749	12.724	-0.025
15	39	12.299	12.301	0.002
30	40	12.535	12.482	-0.053
30	41	12.243	12.283	0.040
30	42	12.351	12.347	-0.004
30	43	12.379	12.510	0.131
30	44	12.089	12.141	0.052
35	45	12.442	12.406	-0.036
35	46	12.610	12.555	-0.055
35	47	12.300	12.304	0.004
35	48	12.420	12.442	0.022
35	49	12.389	12.457	0.068
50	50	12.652	12.539	-0.113
50	51	12.390	12.373	-0.017
50	52	12.491	12.393	-0.098
50	53	12.713	12.663	-0.050
50	54	12.027	12.127	0.100
55	55	12.120	12.203	0.083
55	56	12.481	12.368	-0.113
55	57	12.579	12.644	0.065
55	58	12.208	12.244	0.036
55	59	12.604	12.516	-0.088
100	60	12.333	12.135	-0.198
100	61	12.159	12.188	0.029
100	62	12.669	12.753	0.084
100	63	12.218	12.223	0.005
100	64	12.178	12.203	0.025
105	65	12.414	12.420	0.006
105	66	12.696	12.678	-0.018
105	67	12.481	12.512	0.031
105	68	12.405	12.441	0.036
105	69	12.512	12.657	0.145
	Max	12.749	12.753	0.145
	Average	12.393	12.393	0.000
	Min	12.027	12.121	-0.198
	Std Dev	0.177	0.166	0.060



	5.154_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.278	12.167	12.287	12.121	12.223	12.141	12.304	12.127	12.203	12.135	12.420
Average	12.328	12.376	12.373	12.369	12.407	12.353	12.433	12.419	12.395	12.300	12.542
Max	12.366	12.563	12.572	12.521	12.724	12.510	12.555	12.663	12.644	12.753	12.678
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

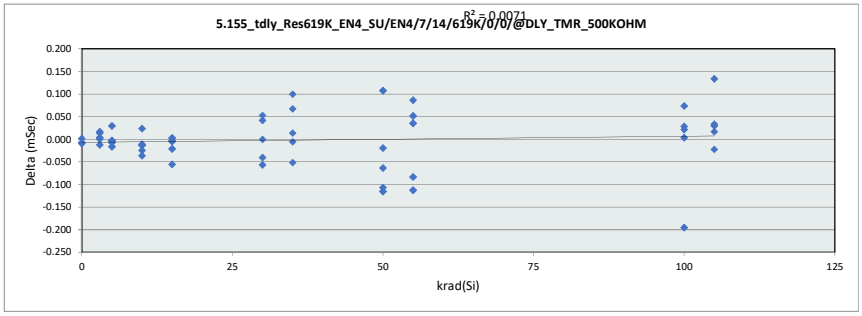


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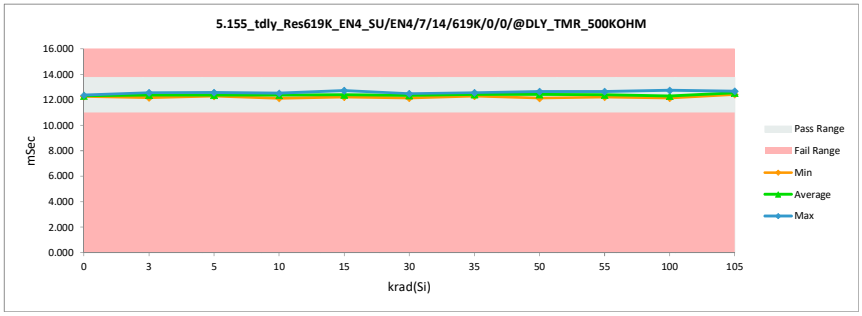
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.155_tdly_Res619K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.347	12.340	-0.007
0	14	12.375	12.366	-0.009
0	15	12.277	12.279	0.002
3	20	12.457	12.474	0.017
3	21	12.563	12.564	0.001
3	22	12.478	12.492	0.014
3	23	12.183	12.171	-0.012
3	24	12.183	12.187	0.004
5	25	12.362	12.392	0.030
5	26	12.577	12.574	-0.003
5	27	12.291	12.289	-0.002
5	28	12.319	12.312	-0.007
5	29	12.325	12.309	-0.016
10	30	12.415	12.404	-0.011
10	31	12.519	12.483	-0.036
10	32	12.347	12.323	-0.024
10	33	12.536	12.523	-0.013
10	34	12.098	12.122	0.024
15	35	12.226	12.222	-0.004
15	36	12.232	12.228	-0.004
15	37	12.621	12.566	-0.055
15	38	12.749	12.728	-0.021
15	39	12.300	12.303	0.003
30	40	12.539	12.483	-0.056
30	41	12.242	12.284	0.042
30	42	12.352	12.352	0.000
30	43	12.528	12.488	-0.040
30	44	12.090	12.143	0.053
35	45	12.308	12.408	0.100
35	46	12.611	12.560	-0.051
35	47	12.303	12.298	-0.005
35	48	12.430	12.444	0.014
35	49	12.391	12.459	0.068
50	50	12.655	12.540	-0.115
50	51	12.392	12.373	-0.019
50	52	12.492	12.386	-0.106
50	53	12.714	12.651	-0.063
50	54	12.022	12.130	0.108
55	55	12.118	12.205	0.087
55	56	12.482	12.370	-0.112
55	57	12.594	12.646	0.052
55	58	12.209	12.245	0.036
55	59	12.604	12.521	-0.083
100	60	12.333	12.138	-0.195
100	61	12.162	12.191	0.029
100	62	12.670	12.744	0.074
100	63	12.220	12.224	0.004
100	64	12.181	12.203	0.022
105	65	12.404	12.421	0.017
105	66	12.703	12.681	-0.022
105	67	12.484	12.514	0.030
105	68	12.408	12.442	0.034
105	69	12.514	12.648	0.134
	Max	12.749	12.744	0.134
	Average	12.395	12.393	-0.002
	Min	12.022	12.122	-0.195
	Std Dev	0.177	0.165	0.057



	5.155_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.279	12.171	12.289	12.122	12.222	12.143	12.298	12.130	12.205	12.138	12.421
Average	12.328	12.378	12.375	12.371	12.409	12.350	12.434	12.416	12.397	12.300	12.541
Max	12.366	12.564	12.574	12.523	12.728	12.488	12.560	12.651	12.646	12.744	12.681
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

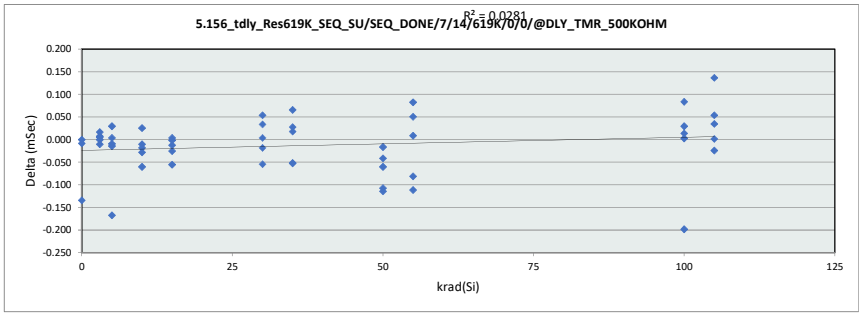


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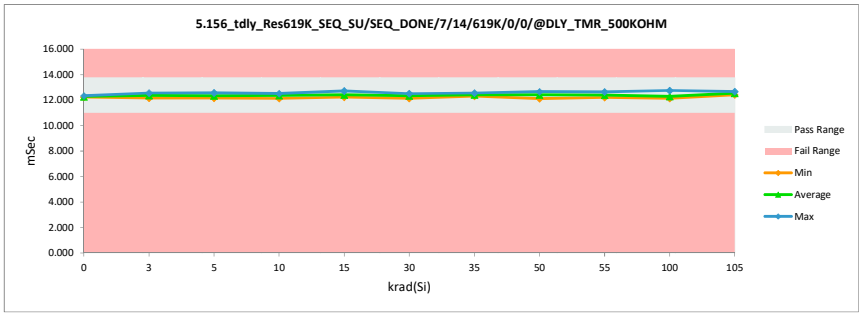
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.156_tdly_Res619K_SEQ	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.350	12.342	-0.008
0	14	12.377	12.243	-0.134
0	15	12.279	12.279	0.000
3	20	12.456	12.473	0.017
3	21	12.564	12.564	0.000
3	22	12.481	12.489	0.008
3	23	12.181	12.171	-0.010
3	24	12.183	12.189	0.006
5	25	12.361	12.391	0.030
5	26	12.572	12.576	0.004
5	27	12.303	12.289	-0.014
5	28	12.321	12.312	-0.009
5	29	12.327	12.160	-0.167
10	30	12.415	12.397	-0.018
10	31	12.545	12.485	-0.060
10	32	12.335	12.325	-0.010
10	33	12.551	12.523	-0.028
10	34	12.099	12.125	0.026
15	35	12.222	12.226	0.004
15	36	12.242	12.230	-0.012
15	37	12.620	12.565	-0.055
15	38	12.751	12.726	-0.025
15	39	12.301	12.300	-0.001
30	40	12.538	12.484	-0.054
30	41	12.244	12.278	0.034
30	42	12.349	12.353	0.004
30	43	12.531	12.513	-0.018
30	44	12.091	12.145	0.054
35	45	12.443	12.391	-0.052
35	46	12.610	12.559	-0.051
35	47	12.278	12.306	0.028
35	48	12.429	12.447	0.018
35	49	12.391	12.457	0.066
50	50	12.655	12.541	-0.114
50	51	12.391	12.375	-0.016
50	52	12.490	12.383	-0.107
50	53	12.717	12.657	-0.060
50	54	12.162	12.121	-0.041
55	55	12.124	12.207	0.083
55	56	12.482	12.371	-0.111
55	57	12.596	12.647	0.051
55	58	12.211	12.220	0.009
55	59	12.605	12.524	-0.081
100	60	12.335	12.137	-0.198
100	61	12.161	12.191	0.030
100	62	12.672	12.756	0.084
100	63	12.221	12.224	0.003
100	64	12.179	12.193	0.014
105	65	12.419	12.421	0.002
105	66	12.705	12.681	-0.024
105	67	12.461	12.515	0.054
105	68	12.408	12.443	0.035
105	69	12.514	12.651	0.137
	Max	12.751	12.756	0.137
	Average	12.401	12.388	-0.013
	Min	12.091	12.121	-0.198
	Std Dev	0.173	0.170	0.061



	5.156_tdly_Res619K_SE										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.243	12.171	12.160	12.125	12.226	12.145	12.306	12.121	12.207	12.137	12.421
Average	12.288	12.377	12.346	12.371	12.409	12.355	12.432	12.415	12.394	12.300	12.542
Max	12.342	12.564	12.576	12.523	12.726	12.513	12.559	12.657	12.647	12.756	12.681
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

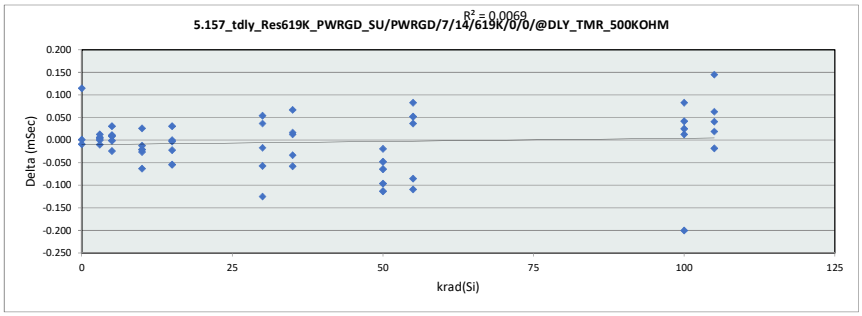


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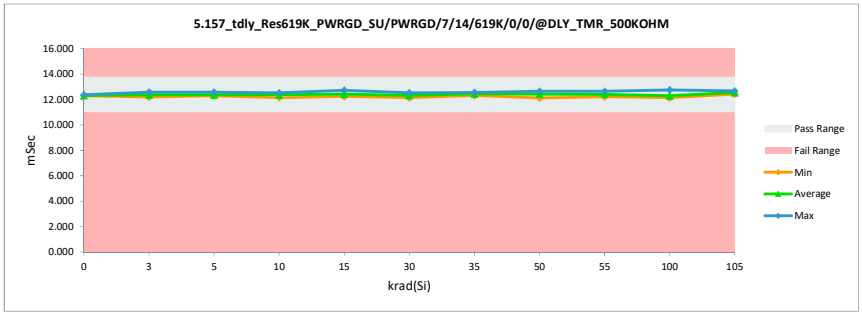
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.157_tdly_Res619K_PWR	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.212	12.327	0.115
0	14	12.377	12.368	-0.009
0	15	12.279	12.280	0.001
3	20	12.458	12.464	0.006
3	21	12.564	12.567	0.003
3	22	12.480	12.493	0.013
3	23	12.183	12.173	-0.010
3	24	12.184	12.184	0.000
5	25	12.363	12.394	0.031
5	26	12.578	12.577	-0.001
5	27	12.302	12.278	-0.024
5	28	12.307	12.316	0.009
5	29	12.296	12.307	0.011
10	30	12.418	12.406	-0.012
10	31	12.548	12.485	-0.063
10	32	12.347	12.326	-0.021
10	33	12.550	12.524	-0.026
10	34	12.095	12.121	0.026
15	35	12.228	12.228	0.000
15	36	12.233	12.230	-0.003
15	37	12.621	12.567	-0.054
15	38	12.751	12.729	-0.022
15	39	12.275	12.306	0.031
30	40	12.540	12.483	-0.057
30	41	12.243	12.280	0.037
30	42	12.349	12.224	-0.125
30	43	12.531	12.514	-0.017
30	44	12.092	12.146	0.054
35	45	12.441	12.408	-0.033
35	46	12.612	12.554	-0.058
35	47	12.290	12.307	0.017
35	48	12.432	12.445	0.013
35	49	12.394	12.461	0.067
50	50	12.657	12.544	-0.113
50	51	12.392	12.373	-0.019
50	52	12.482	12.386	-0.096
50	53	12.717	12.653	-0.064
50	54	12.164	12.116	-0.048
55	55	12.124	12.207	0.083
55	56	12.482	12.373	-0.109
55	57	12.596	12.648	0.052
55	58	12.210	12.247	0.037
55	59	12.606	12.521	-0.085
100	60	12.333	12.133	-0.200
100	61	12.151	12.193	0.042
100	62	12.671	12.754	0.083
100	63	12.214	12.227	0.013
100	64	12.180	12.205	0.025
105	65	12.405	12.424	0.019
105	66	12.700	12.682	-0.018
105	67	12.476	12.517	0.041
105	68	12.380	12.443	0.063
105	69	12.515	12.660	0.145
	Max	12.751	12.754	0.145
	Average	12.397	12.392	-0.005
	Min	12.092	12.116	-0.200
	Std Dev	0.176	0.168	0.061



	5.157_tdly_Res619K_PW										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.280	12.173	12.278	12.121	12.228	12.146	12.307	12.116	12.207	12.133	12.424
Average	12.325	12.376	12.374	12.372	12.412	12.329	12.435	12.414	12.399	12.302	12.545
Max	12.368	12.567	12.577	12.524	12.729	12.514	12.554	12.653	12.648	12.754	12.682
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

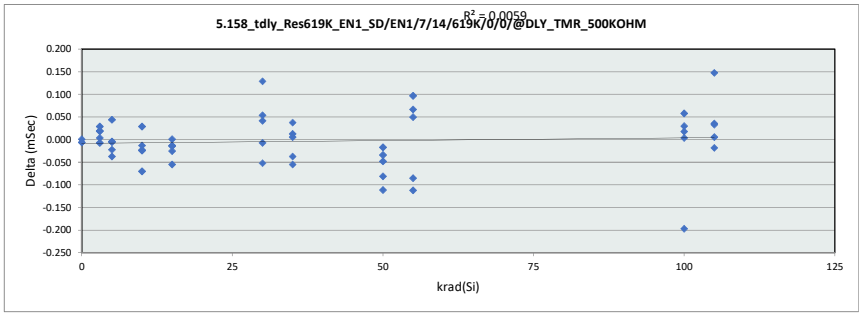


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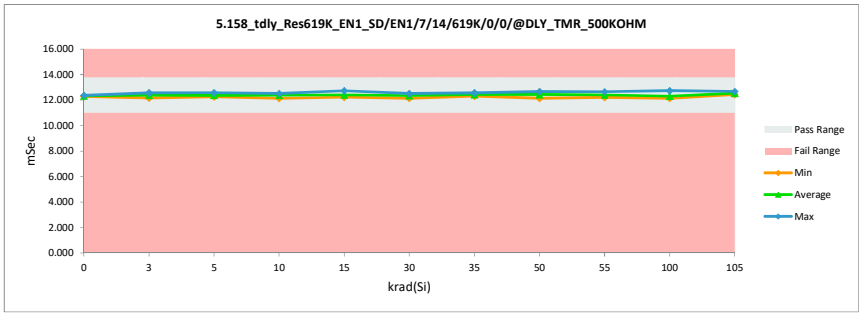
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.158_tdly_Res619K_EN1	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.358	12.352	-0.006
0	14	12.384	12.378	-0.006
0	15	12.287	12.288	0.001
3	20	12.464	12.483	0.019
3	21	12.570	12.574	0.004
3	22	12.468	12.497	0.029
3	23	12.189	12.182	-0.007
3	24	12.178	12.197	0.019
5	25	12.358	12.402	0.044
5	26	12.587	12.583	-0.004
5	27	12.310	12.273	-0.037
5	28	12.328	12.323	-0.005
5	29	12.333	12.311	-0.022
10	30	12.427	12.414	-0.013
10	31	12.553	12.483	-0.070
10	32	12.356	12.333	-0.023
10	33	12.557	12.533	-0.024
10	34	12.105	12.134	0.029
15	35	12.238	12.225	-0.013
15	36	12.253	12.239	-0.014
15	37	12.629	12.574	-0.055
15	38	12.761	12.736	-0.025
15	39	12.310	12.311	0.001
30	40	12.546	12.494	-0.052
30	41	12.251	12.293	0.042
30	42	12.361	12.354	-0.007
30	43	12.393	12.522	0.129
30	44	12.099	12.153	0.054
35	45	12.452	12.415	-0.037
35	46	12.621	12.566	-0.055
35	47	12.312	12.318	0.006
35	48	12.439	12.452	0.013
35	49	12.398	12.436	0.038
50	50	12.661	12.550	-0.111
50	51	12.400	12.383	-0.017
50	52	12.487	12.406	-0.081
50	53	12.725	12.677	-0.048
50	54	12.173	12.139	-0.034
55	55	12.118	12.215	0.097
55	56	12.491	12.379	-0.112
55	57	12.605	12.655	0.050
55	58	12.188	12.255	0.067
55	59	12.614	12.529	-0.085
100	60	12.343	12.146	-0.197
100	61	12.171	12.201	0.030
100	62	12.682	12.740	0.058
100	63	12.230	12.234	0.004
100	64	12.189	12.207	0.018
105	65	12.427	12.433	0.006
105	66	12.708	12.690	-0.018
105	67	12.491	12.524	0.033
105	68	12.415	12.451	0.036
105	69	12.523	12.671	0.148
	Max	12.761	12.740	0.148
	Average	12.406	12.402	-0.004
	Min	12.099	12.134	-0.197
	Std Dev	0.173	0.166	0.058



	5.158_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.288	12.182	12.273	12.134	12.225	12.153	12.318	12.139	12.215	12.146	12.433
Average	12.339	12.387	12.378	12.379	12.417	12.363	12.437	12.431	12.407	12.306	12.554
Max	12.378	12.574	12.583	12.533	12.736	12.522	12.566	12.677	12.655	12.740	12.690
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

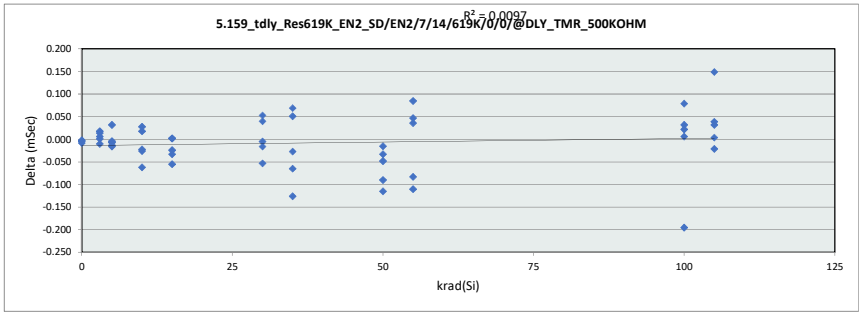


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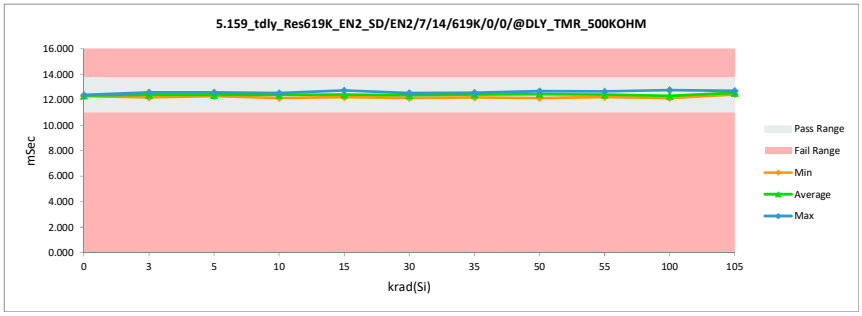
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.159_tdly_Res619K_EN2	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.356	12.352	-0.004
0	14	12.385	12.377	-0.008
0	15	12.289	12.287	-0.002
3	20	12.465	12.483	0.018
3	21	12.572	12.573	0.001
3	22	12.488	12.502	0.014
3	23	12.191	12.181	-0.010
3	24	12.191	12.197	0.006
5	25	12.370	12.402	0.032
5	26	12.588	12.581	-0.007
5	27	12.310	12.294	-0.016
5	28	12.329	12.325	-0.004
5	29	12.333	12.320	-0.013
10	30	12.397	12.415	0.018
10	31	12.555	12.493	-0.062
10	32	12.354	12.332	-0.022
10	33	12.558	12.532	-0.026
10	34	12.107	12.135	0.028
15	35	12.237	12.239	0.002
15	36	12.250	12.217	-0.033
15	37	12.629	12.574	-0.055
15	38	12.759	12.735	-0.024
15	39	12.310	12.312	0.002
30	40	12.546	12.493	-0.053
30	41	12.252	12.292	0.040
30	42	12.361	12.356	-0.005
30	43	12.537	12.521	-0.016
30	44	12.100	12.153	0.053
35	45	12.424	12.397	-0.027
35	46	12.621	12.556	-0.065
35	47	12.312	12.186	-0.126
35	48	12.400	12.451	0.051
35	49	12.400	12.469	0.069
50	50	12.664	12.549	-0.115
50	51	12.398	12.383	-0.015
50	52	12.499	12.409	-0.090
50	53	12.723	12.675	-0.048
50	54	12.171	12.138	-0.033
55	55	12.130	12.215	0.085
55	56	12.491	12.381	-0.110
55	57	12.606	12.653	0.047
55	58	12.219	12.255	0.036
55	59	12.615	12.532	-0.083
100	60	12.343	12.148	-0.195
100	61	12.169	12.201	0.032
100	62	12.682	12.761	0.079
100	63	12.228	12.234	0.006
100	64	12.189	12.211	0.022
105	65	12.426	12.430	0.004
105	66	12.712	12.691	-0.021
105	67	12.493	12.525	0.032
105	68	12.414	12.453	0.039
105	69	12.522	12.671	0.149
	Max	12.759	12.761	0.149
	Average	12.409	12.401	-0.008
	Min	12.100	12.135	-0.195
	Std Dev	0.173	0.168	0.057



	5.159_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.287	12.181	12.294	12.135	12.217	12.153	12.186	12.138	12.215	12.148	12.430
Average	12.339	12.387	12.384	12.381	12.415	12.363	12.412	12.431	12.407	12.311	12.554
Max	12.377	12.573	12.581	12.532	12.735	12.521	12.556	12.675	12.653	12.761	12.691
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

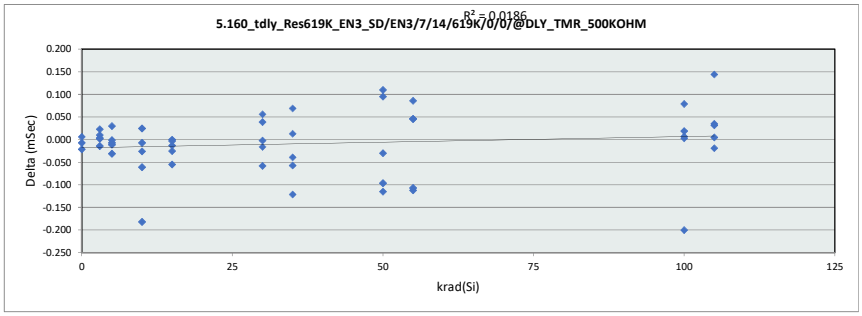


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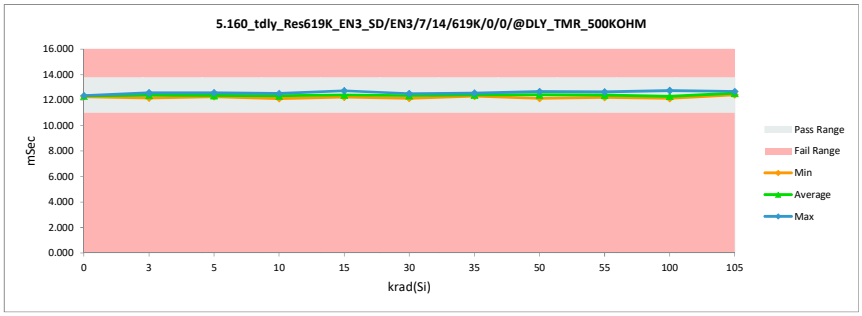
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.160_tdly_Res619K_EN3	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.350	12.343	-0.007
0	14	12.379	12.358	-0.021
0	15	12.276	12.282	0.006
3	20	12.445	12.468	0.023
3	21	12.566	12.568	0.002
3	22	12.482	12.492	0.010
3	23	12.187	12.173	-0.014
3	24	12.186	12.190	0.004
5	25	12.364	12.394	0.030
5	26	12.578	12.577	-0.001
5	27	12.304	12.273	-0.031
5	28	12.322	12.315	-0.007
5	29	12.323	12.312	-0.011
10	30	12.419	12.237	-0.182
10	31	12.548	12.487	-0.061
10	32	12.335	12.328	-0.007
10	33	12.552	12.526	-0.026
10	34	12.099	12.124	0.025
15	35	12.232	12.232	0.000
15	36	12.246	12.233	-0.013
15	37	12.624	12.569	-0.055
15	38	12.754	12.729	-0.025
15	39	12.303	12.300	-0.003
30	40	12.543	12.485	-0.058
30	41	12.246	12.285	0.039
30	42	12.349	12.347	-0.002
30	43	12.530	12.514	-0.016
30	44	12.090	12.146	0.056
35	45	12.446	12.407	-0.039
35	46	12.613	12.556	-0.057
35	47	12.298	12.311	0.013
35	48	12.434	12.313	-0.121
35	49	12.394	12.463	0.069
50	50	12.659	12.544	-0.115
50	51	12.394	12.364	-0.030
50	52	12.495	12.399	-0.096
50	53	12.572	12.667	0.095
50	54	12.018	12.128	0.110
55	55	12.124	12.210	0.086
55	56	12.486	12.374	-0.112
55	57	12.600	12.646	0.046
55	58	12.204	12.250	0.046
55	59	12.610	12.503	-0.107
100	60	12.338	12.138	-0.200
100	61	12.164	12.183	0.019
100	62	12.676	12.755	0.079
100	63	12.224	12.227	0.003
100	64	12.185	12.192	0.007
105	65	12.419	12.424	0.005
105	66	12.703	12.684	-0.019
105	67	12.486	12.518	0.032
105	68	12.411	12.446	0.035
105	69	12.519	12.663	0.144
	Max	12.754	12.755	0.144
	Average	12.398	12.390	-0.009
	Min	12.018	12.124	-0.200
	Std Dev	0.174	0.168	0.066



	5.160_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.282	12.173	12.273	12.124	12.232	12.146	12.311	12.128	12.210	12.138	12.424
Average	12.328	12.378	12.374	12.340	12.413	12.355	12.410	12.420	12.397	12.299	12.547
Max	12.358	12.568	12.577	12.526	12.729	12.514	12.556	12.667	12.646	12.755	12.684
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

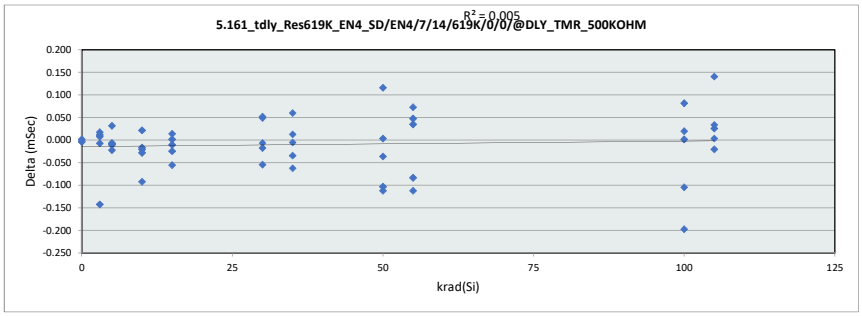


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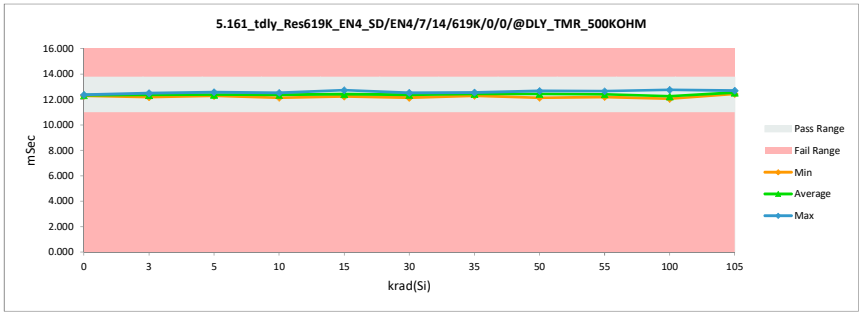
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.161_tdly_Res619K_EN4	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.14	13.75
Min Limit	10.77	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.349	12.351	0.002
0	14	12.378	12.374	-0.004
0	15	12.288	12.286	-0.002
3	20	12.464	12.476	0.012
3	21	12.572	12.430	-0.142
3	22	12.486	12.504	0.018
3	23	12.188	12.181	-0.007
3	24	12.189	12.197	0.008
5	25	12.369	12.401	0.032
5	26	12.588	12.582	-0.006
5	27	12.310	12.288	-0.022
5	28	12.328	12.320	-0.008
5	29	12.332	12.322	-0.010
10	30	12.423	12.407	-0.016
10	31	12.554	12.462	-0.092
10	32	12.354	12.334	-0.020
10	33	12.558	12.530	-0.028
10	34	12.106	12.128	0.022
15	35	12.223	12.237	0.014
15	36	12.249	12.239	-0.010
15	37	12.628	12.573	-0.055
15	38	12.759	12.735	-0.024
15	39	12.309	12.311	0.002
30	40	12.546	12.492	-0.054
30	41	12.242	12.294	0.052
30	42	12.359	12.353	-0.006
30	43	12.538	12.521	-0.017
30	44	12.099	12.148	0.049
35	45	12.449	12.415	-0.034
35	46	12.618	12.556	-0.062
35	47	12.312	12.307	-0.005
35	48	12.439	12.452	0.013
35	49	12.398	12.458	0.060
50	50	12.663	12.551	-0.112
50	51	12.374	12.378	0.004
50	52	12.497	12.394	-0.103
50	53	12.710	12.674	-0.036
50	54	12.021	12.137	0.116
55	55	12.130	12.203	0.073
55	56	12.491	12.379	-0.112
55	57	12.605	12.653	0.048
55	58	12.218	12.253	0.035
55	59	12.615	12.532	-0.083
100	60	12.343	12.146	-0.197
100	61	12.035	12.055	0.020
100	62	12.681	12.763	0.082
100	63	12.231	12.233	0.002
100	64	12.188	12.084	-0.104
105	65	12.427	12.431	0.004
105	66	12.709	12.689	-0.020
105	67	12.490	12.524	0.034
105	68	12.415	12.441	0.026
105	69	12.523	12.664	0.141
	Max	12.759	12.763	0.141
	Average	12.403	12.393	-0.010
	Min	12.021	12.055	-0.197
	Std Dev	0.182	0.172	0.061



	5.161_tdly_Res619K_EN										
Test Site											
Tester											
Test Number											
Max Limit	13.75	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.286	12.181	12.288	12.128	12.237	12.148	12.307	12.137	12.203	12.055	12.431
Average	12.337	12.358	12.383	12.372	12.419	12.362	12.438	12.427	12.404	12.256	12.550
Max	12.374	12.504	12.582	12.530	12.735	12.521	12.556	12.674	12.653	12.763	12.689
UL	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750	13.750

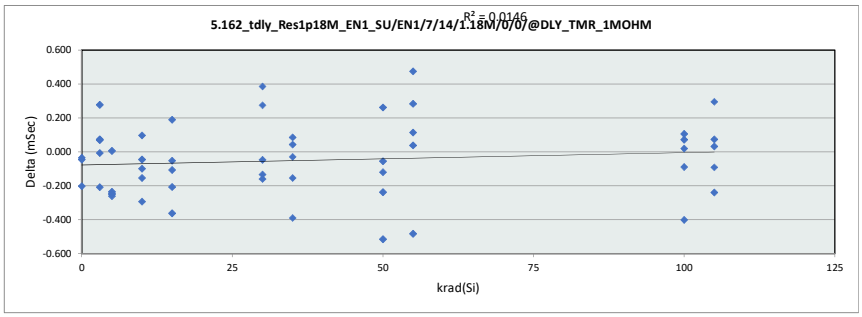


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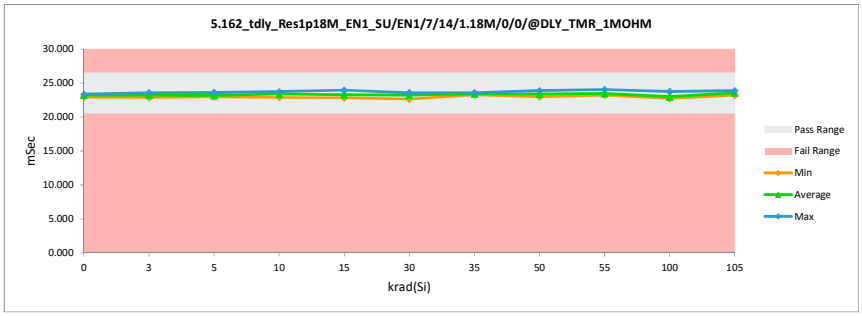
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.162_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.388	23.344	-0.044
0	14	23.414	23.381	-0.033
0	15	23.153	22.952	-0.201
3	20	23.336	23.407	0.071
3	21	23.809	23.602	-0.207
3	22	23.354	23.429	0.075
3	23	22.676	22.955	0.279
3	24	22.901	22.895	-0.006
5	25	23.404	23.144	-0.260
5	26	23.853	23.619	-0.234
5	27	23.242	22.995	-0.247
5	28	23.282	23.289	0.007
5	29	23.275	23.028	-0.247
10	30	23.557	23.513	-0.044
10	31	23.896	23.743	-0.153
10	32	23.472	23.374	-0.098
10	33	23.797	23.505	-0.292
10	34	22.797	22.895	0.098
15	35	22.895	22.844	-0.051
15	36	22.938	23.129	0.191
15	37	23.770	23.409	-0.361
15	38	24.074	23.968	-0.106
15	39	23.233	23.027	-0.206
30	40	23.499	23.367	-0.132
30	41	22.885	23.272	0.387
30	42	23.329	23.283	-0.046
30	43	23.296	23.572	0.276
30	44	22.818	22.659	-0.159
35	45	23.273	23.360	0.087
35	46	23.983	23.595	-0.388
35	47	23.239	23.283	0.044
35	48	23.560	23.532	-0.028
35	49	23.489	23.336	-0.153
50	50	24.018	23.504	-0.514
50	51	23.532	23.478	-0.054
50	52	23.436	23.200	-0.236
50	53	24.000	23.882	-0.118
50	54	22.740	23.003	0.263
55	55	22.793	23.269	0.476
55	56	23.311	23.351	0.040
55	57	23.944	24.059	0.115
55	58	22.940	23.225	0.285
55	59	24.003	23.522	-0.481
100	60	23.397	22.997	-0.400
100	61	22.625	22.732	0.107
100	62	23.859	23.771	-0.088
100	63	22.717	22.738	0.021
100	64	22.704	22.777	0.073
105	65	23.545	23.579	0.034
105	66	23.994	23.904	-0.090
105	67	23.315	23.390	0.075
105	68	23.499	23.261	-0.238
105	69	23.455	23.752	0.297
	Max	24.074	24.059	0.476
	Average	23.372	23.323	-0.049
	Min	22.625	22.659	-0.514
	Std Dev	0.410	0.331	0.215



	5.162_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	22.952	22.895	22.995	22.895	22.844	22.659	23.283	23.003	23.225	22.732	23.261
Average	23.226	23.258	23.215	23.406	23.275	23.231	23.421	23.413	23.485	23.003	23.577
Max	23.381	23.602	23.619	23.743	23.968	23.572	23.595	23.882	24.059	23.771	23.904
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

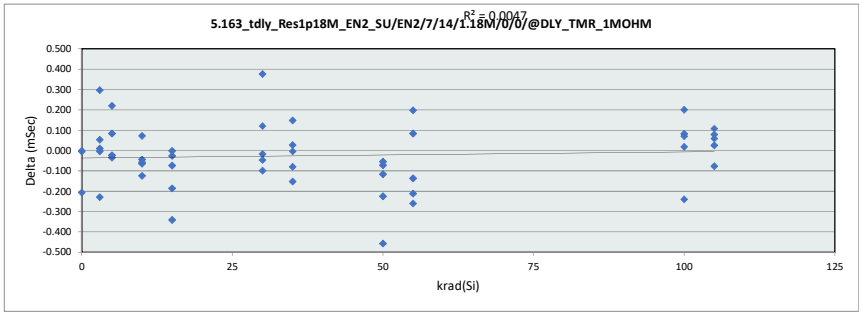


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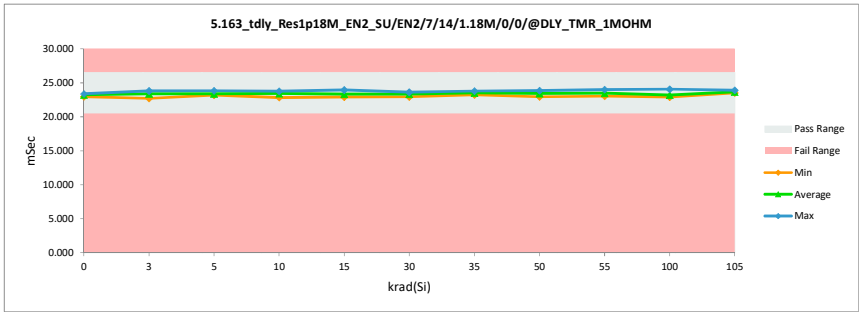
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.163_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.345	23.341	-0.004
0	14	23.377	23.377	0.000
0	15	23.165	22.959	-0.206
3	20	23.378	23.676	0.298
3	21	23.799	23.810	0.011
3	22	23.604	23.658	0.054
3	23	22.935	22.707	-0.228
3	24	23.116	23.113	-0.003
5	25	23.353	23.437	0.084
5	26	23.852	23.829	-0.023
5	27	23.230	23.206	-0.024
5	28	23.044	23.265	0.221
5	29	23.254	23.220	-0.034
10	30	23.497	23.454	-0.043
10	31	23.882	23.759	-0.123
10	32	23.409	23.353	-0.056
10	33	23.800	23.736	-0.064
10	34	22.753	22.826	0.073
15	35	23.098	22.913	-0.185
15	36	23.148	23.123	-0.025
15	37	23.786	23.446	-0.340
15	38	24.026	23.953	-0.073
15	39	23.224	23.223	-0.001
30	40	23.721	23.623	-0.098
30	41	23.131	23.252	0.121
30	42	23.301	23.285	-0.016
30	43	23.570	23.524	-0.046
30	44	22.545	22.922	0.377
35	45	23.547	23.468	-0.079
35	46	23.952	23.801	-0.151
35	47	23.234	23.262	0.028
35	48	23.486	23.483	-0.003
35	49	23.455	23.604	0.149
50	50	23.986	23.530	-0.456
50	51	23.460	23.406	-0.054
50	52	23.702	23.478	-0.224
50	53	23.980	23.865	-0.115
50	54	22.993	22.922	-0.071
55	55	23.052	23.251	0.199
55	56	23.581	23.322	-0.259
55	57	23.927	24.011	0.084
55	58	23.161	23.025	-0.136
55	59	23.971	23.760	-0.211
100	60	23.158	22.919	-0.239
100	61	22.907	22.990	0.083
100	62	23.868	24.069	0.201
100	63	22.996	23.015	0.019
100	64	22.972	23.043	0.071
105	65	23.484	23.510	0.026
105	66	23.978	23.902	-0.076
105	67	23.594	23.654	0.060
105	68	23.450	23.529	0.079
105	69	23.696	23.805	0.109
	Max	24.026	24.069	0.377
	Average	23.433	23.408	-0.025
	Min	22.545	22.707	-0.456
	Std Dev	0.362	0.337	0.153



	5.163_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	22.959	22.707	23.206	22.826	22.913	22.922	23.262	22.922	23.025	22.919	23.510
Average	23.226	23.393	23.391	23.426	23.332	23.321	23.524	23.440	23.474	23.207	23.680
Max	23.377	23.810	23.829	23.759	23.953	23.623	23.801	23.865	24.011	24.069	23.902
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

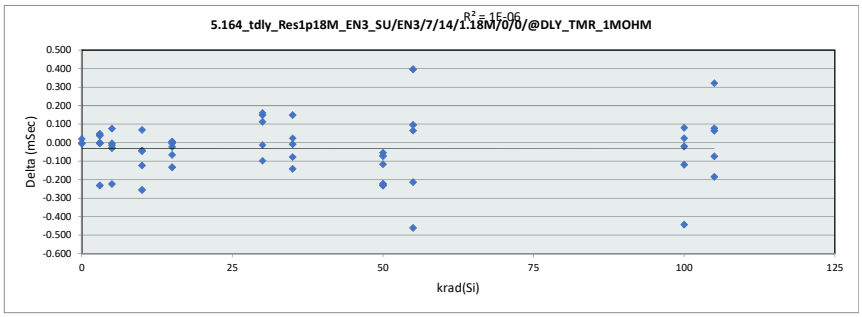


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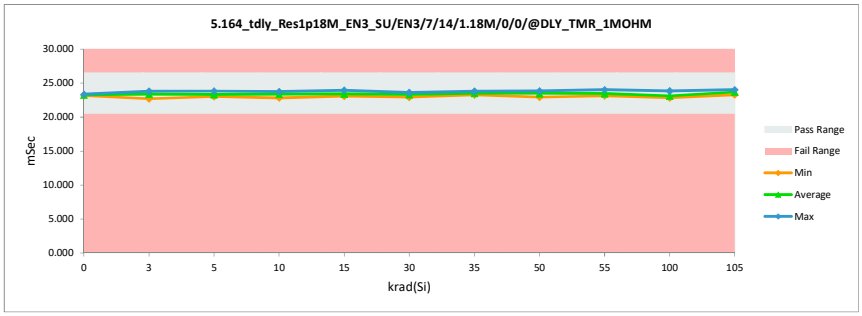
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.164_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.346	23.344	-0.002
0	14	23.360	23.381	0.021
0	15	23.167	23.163	-0.004
3	20	23.632	23.671	0.039
3	21	23.814	23.813	-0.001
3	22	23.610	23.658	0.048
3	23	22.936	22.705	-0.231
3	24	23.118	23.116	-0.002
5	25	23.363	23.440	0.077
5	26	23.856	23.843	-0.013
5	27	23.233	23.205	-0.028
5	28	23.270	23.267	-0.003
5	29	23.256	23.033	-0.223
10	30	23.502	23.460	-0.042
10	31	23.886	23.763	-0.123
10	32	23.412	23.157	-0.255
10	33	23.789	23.744	-0.045
10	34	22.757	22.827	0.070
15	35	23.103	23.110	0.007
15	36	23.149	23.127	-0.022
15	37	23.788	23.656	-0.132
15	38	24.031	23.966	-0.065
15	39	23.226	23.224	-0.002
30	40	23.723	23.626	-0.097
30	41	23.139	23.253	0.114
30	42	23.302	23.290	-0.012
30	43	23.369	23.530	0.161
30	44	22.774	22.924	0.150
35	45	23.547	23.470	-0.077
35	46	23.952	23.811	-0.141
35	47	23.236	23.261	0.025
35	48	23.483	23.475	-0.008
35	49	23.456	23.606	0.150
50	50	23.974	23.743	-0.231
50	51	23.462	23.408	-0.054
50	52	23.703	23.481	-0.222
50	53	23.982	23.866	-0.116
50	54	22.996	22.924	-0.072
55	55	22.853	23.250	0.397
55	56	23.584	23.124	-0.460
55	57	23.930	24.027	0.097
55	58	23.166	23.232	0.066
55	59	23.971	23.758	-0.213
100	60	23.368	22.926	-0.442
100	61	22.911	22.992	0.081
100	62	23.870	23.851	-0.019
100	63	22.993	23.018	0.025
100	64	22.972	22.854	-0.118
105	65	23.487	23.303	-0.184
105	66	23.979	23.906	-0.073
105	67	23.591	23.656	0.065
105	68	23.452	23.531	0.079
105	69	23.699	24.021	0.322
	Max	24.031	24.027	0.397
	Average	23.444	23.411	-0.033
	Min	22.757	22.705	-0.460
	Std Dev	0.353	0.342	0.153



	5.164_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.163	22.705	23.033	22.827	23.110	22.924	23.261	22.924	23.124	22.854	23.303
Average	23.296	23.393	23.358	23.390	23.417	23.325	23.525	23.484	23.478	23.128	23.683
Max	23.381	23.813	23.843	23.763	23.966	23.626	23.811	23.866	24.027	23.851	24.021
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

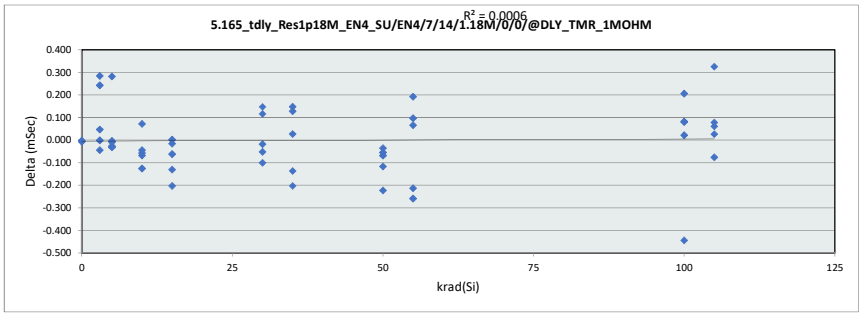


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

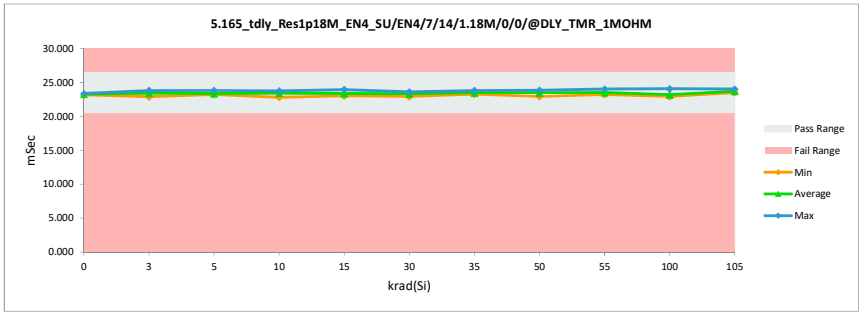
	5.165_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.348	23.346	-0.002
0	14	23.380	23.373	-0.007
0	15	23.166	23.162	-0.004
3	20	23.399	23.684	0.285
3	21	23.813	23.813	0.000
3	22	23.614	23.662	0.048
3	23	22.938	22.894	-0.044
3	24	22.872	23.116	0.244
5	25	23.152	23.435	0.283
5	26	23.857	23.831	-0.026
5	27	23.219	23.211	-0.008
5	28	23.270	23.267	-0.003
5	29	23.257	23.226	-0.031
10	30	23.501	23.457	-0.044
10	31	23.888	23.763	-0.125
10	32	23.413	23.357	-0.056
10	33	23.804	23.737	-0.067
10	34	22.757	22.830	0.073
15	35	23.102	23.105	0.003
15	36	23.144	23.129	-0.015
15	37	23.791	23.661	-0.130
15	38	24.032	23.971	-0.061
15	39	23.230	23.028	-0.202
30	40	23.725	23.625	-0.100
30	41	23.138	23.255	0.117
30	42	23.305	23.288	-0.017
30	43	23.583	23.532	-0.051
30	44	22.777	22.925	0.148
35	45	23.339	23.468	0.129
35	46	23.954	23.818	-0.136
35	47	23.236	23.264	0.028
35	48	23.488	23.286	-0.202
35	49	23.459	23.608	0.149
50	50	23.767	23.732	-0.035
50	51	23.464	23.410	-0.054
50	52	23.704	23.482	-0.222
50	53	23.981	23.865	-0.116
50	54	22.995	22.927	-0.068
55	55	23.058	23.251	0.193
55	56	23.583	23.325	-0.258
55	57	23.928	24.026	0.098
55	58	23.167	23.234	0.067
55	59	23.970	23.758	-0.212
100	60	23.371	22.928	-0.443
100	61	22.911	22.994	0.083
100	62	23.869	24.076	0.207
100	63	22.996	23.019	0.023
100	64	22.972	23.053	0.081
105	65	23.489	23.516	0.027
105	66	23.980	23.905	-0.075
105	67	23.594	23.656	0.062
105	68	23.452	23.531	0.079
105	69	23.703	24.029	0.326
	Max	24.032	24.076	0.326
	Average	23.432	23.431	-0.001
	Min	22.757	22.830	-0.443
	Std Dev	0.351	0.333	0.144



	5.165_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.162	22.894	23.211	22.830	23.028	22.925	23.264	22.927	23.234	22.928	23.516
Average	23.294	23.434	23.394	23.429	23.379	23.325	23.489	23.483	23.519	23.214	23.727
Max	23.373	23.813	23.831	23.763	23.971	23.625	23.818	23.865	24.026	24.076	24.029
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

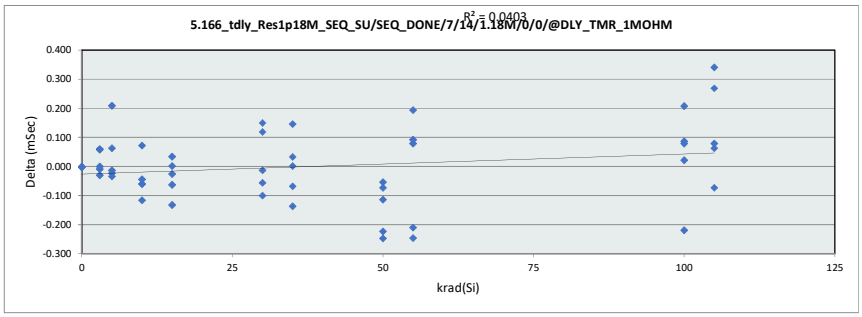


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

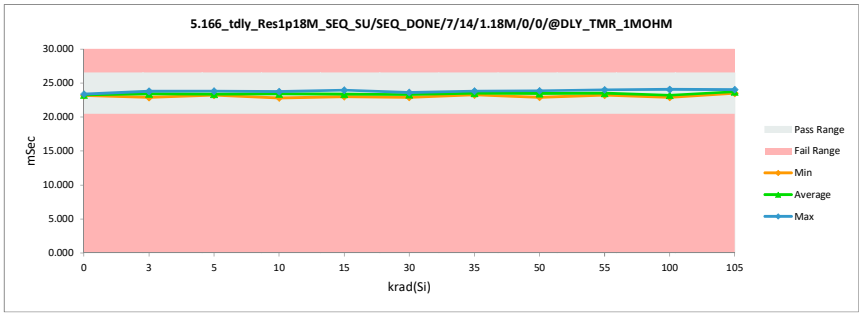
	5.166_tdly_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.349	23.347	-0.002
0	14	23.381	23.381	0.000
0	15	23.168	23.166	-0.002
3	20	23.626	23.684	0.058
3	21	23.814	23.805	-0.009
3	22	23.601	23.661	0.060
3	23	22.933	22.903	-0.030
3	24	23.118	23.118	0.000
5	25	23.364	23.427	0.063
5	26	23.852	23.839	-0.013
5	27	23.233	23.210	-0.023
5	28	23.058	23.267	0.209
5	29	23.259	23.225	-0.034
10	30	23.503	23.459	-0.044
10	31	23.880	23.764	-0.116
10	32	23.412	23.352	-0.060
10	33	23.805	23.745	-0.060
10	34	22.757	22.829	0.072
15	35	23.105	23.107	0.002
15	36	23.151	23.125	-0.026
15	37	23.793	23.661	-0.132
15	38	24.032	23.969	-0.063
15	39	22.990	23.024	0.034
30	40	23.727	23.627	-0.100
30	41	23.137	23.256	0.119
30	42	23.304	23.291	-0.013
30	43	23.585	23.529	-0.056
30	44	22.774	22.924	0.150
35	45	23.541	23.473	-0.068
35	46	23.954	23.817	-0.137
35	47	23.233	23.266	0.033
35	48	23.489	23.491	0.002
35	49	23.458	23.604	0.146
50	50	23.992	23.745	-0.247
50	51	23.464	23.410	-0.054
50	52	23.708	23.485	-0.223
50	53	23.983	23.869	-0.114
50	54	22.997	22.924	-0.073
55	55	23.057	23.251	0.194
55	56	23.574	23.328	-0.246
55	57	23.932	24.024	0.092
55	58	23.153	23.232	0.079
55	59	23.972	23.762	-0.210
100	60	23.147	22.928	-0.219
100	61	22.907	22.994	0.087
100	62	23.870	24.078	0.208
100	63	22.998	23.020	0.022
100	64	22.972	23.051	0.079
105	65	23.248	23.517	0.269
105	66	23.980	23.907	-0.073
105	67	23.596	23.659	0.063
105	68	23.454	23.533	0.079
105	69	23.703	24.044	0.341
	Max	24.032	24.078	0.341
	Average	23.436	23.436	0.000
	Min	22.757	22.829	-0.247
	Std Dev	0.360	0.334	0.124



	5.166_tdly_Res1p18M_S	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.166	22.903	23.210	22.829	23.024	22.924	23.266	22.924	23.232	22.928	23.517
Average	23.298	23.434	23.394	23.430	23.377	23.325	23.530	23.487	23.519	23.214	23.732
Max	23.381	23.805	23.839	23.764	23.969	23.627	23.817	23.869	24.024	24.078	24.044
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

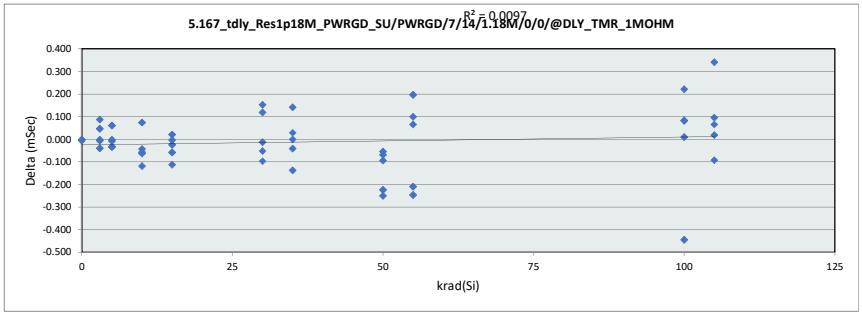


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

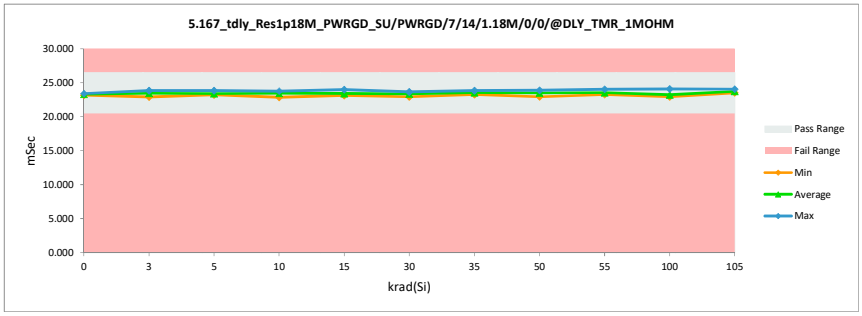
	5.167_tdly_Res1p18M_PW	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.371	23.365	-0.006
0	14	23.405	23.405	0.000
0	15	23.192	23.189	-0.003
3	20	23.621	23.708	0.087
3	21	23.840	23.838	-0.002
3	22	23.637	23.684	0.047
3	23	22.962	22.923	-0.039
3	24	23.142	23.136	-0.006
5	25	23.387	23.448	0.061
5	26	23.859	23.851	-0.008
5	27	23.258	23.226	-0.032
5	28	23.293	23.291	-0.002
5	29	23.281	23.247	-0.034
10	30	23.527	23.484	-0.043
10	31	23.904	23.786	-0.118
10	32	23.435	23.378	-0.057
10	33	23.829	23.766	-0.063
10	34	22.779	22.853	0.074
15	35	23.113	23.134	0.021
15	36	23.171	23.147	-0.024
15	37	23.797	23.685	-0.112
15	38	24.056	23.998	-0.058
15	39	23.251	23.248	-0.003
30	40	23.747	23.650	-0.097
30	41	23.159	23.278	0.119
30	42	23.327	23.314	-0.013
30	43	23.608	23.556	-0.052
30	44	22.796	22.949	0.153
35	45	23.537	23.496	-0.041
35	46	23.976	23.839	-0.137
35	47	23.257	23.286	0.029
35	48	23.512	23.512	0.000
35	49	23.481	23.623	0.142
50	50	24.011	23.761	-0.250
50	51	23.485	23.431	-0.054
50	52	23.729	23.506	-0.223
50	53	23.986	23.892	-0.094
50	54	23.020	22.951	-0.069
55	55	23.079	23.276	0.197
55	56	23.598	23.352	-0.246
55	57	23.951	24.051	0.100
55	58	23.189	23.255	0.066
55	59	23.994	23.785	-0.209
100	60	23.393	22.949	-0.444
100	61	22.933	23.017	0.084
100	62	23.880	24.102	0.222
100	63	23.015	23.025	0.010
100	64	22.994	23.076	0.082
105	65	23.509	23.528	0.019
105	66	23.996	23.904	-0.092
105	67	23.615	23.681	0.066
105	68	23.459	23.555	0.096
105	69	23.724	24.065	0.341
	Max	24.056	24.102	0.341
	Average	23.473	23.461	-0.012
	Min	22.779	22.853	-0.444
	Std Dev	0.347	0.330	0.126



	5.167_tdly_Res1p18M_P	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.189	22.923	23.226	22.853	23.134	22.949	23.286	22.951	23.255	22.949	23.528
Average	23.320	23.458	23.413	23.453	23.442	23.349	23.551	23.508	23.544	23.234	23.747
Max	23.405	23.838	23.851	23.786	23.998	23.650	23.839	23.892	24.051	24.102	24.065
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

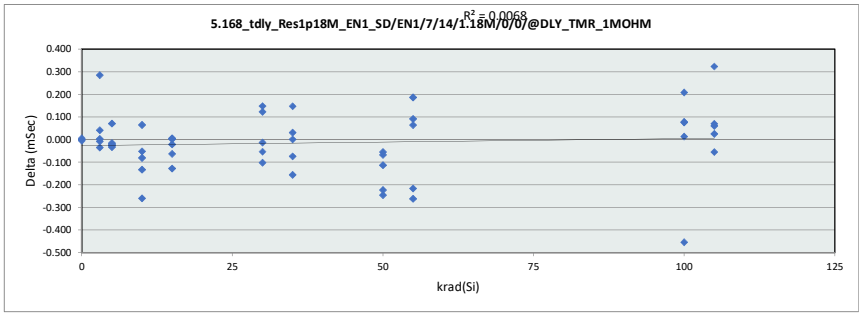


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

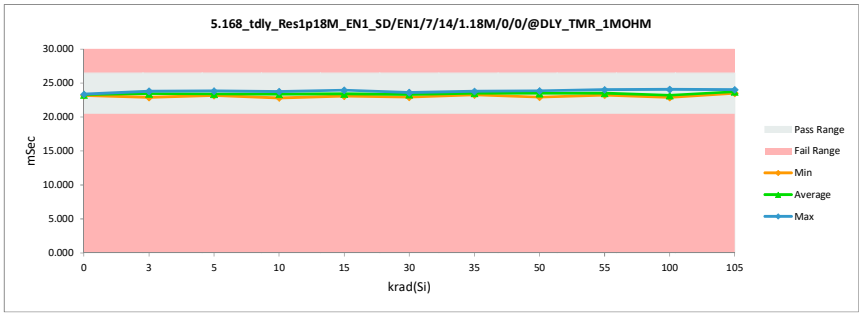
	5.168_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.357	23.357	0.000
0	14	23.385	23.392	0.007
0	15	23.177	23.173	-0.004
3	20	23.409	23.695	0.286
3	21	23.821	23.824	0.003
3	22	23.621	23.663	0.042
3	23	22.946	22.912	-0.034
3	24	23.127	23.120	-0.007
5	25	23.366	23.438	0.072
5	26	23.865	23.840	-0.025
5	27	23.240	23.219	-0.021
5	28	23.279	23.247	-0.032
5	29	23.253	23.238	-0.015
10	30	23.510	23.251	-0.259
10	31	23.897	23.765	-0.132
10	32	23.410	23.359	-0.051
10	33	23.814	23.734	-0.080
10	34	22.764	22.830	0.066
15	35	23.112	23.118	0.006
15	36	23.156	23.136	-0.020
15	37	23.796	23.669	-0.127
15	38	24.040	23.978	-0.062
15	39	23.238	23.241	0.003
30	40	23.734	23.633	-0.101
30	41	23.137	23.261	0.124
30	42	23.313	23.301	-0.012
30	43	23.594	23.541	-0.053
30	44	22.784	22.933	0.149
35	45	23.556	23.483	-0.073
35	46	23.962	23.807	-0.155
35	47	23.240	23.272	0.032
35	48	23.498	23.500	0.002
35	49	23.466	23.614	0.148
50	50	23.998	23.753	-0.245
50	51	23.473	23.419	-0.054
50	52	23.713	23.491	-0.222
50	53	23.989	23.877	-0.112
50	54	23.007	22.940	-0.067
55	55	23.066	23.253	0.187
55	56	23.593	23.332	-0.261
55	57	23.939	24.031	0.092
55	58	23.177	23.242	0.065
55	59	23.981	23.766	-0.215
100	60	23.377	22.924	-0.453
100	61	22.924	23.003	0.079
100	62	23.878	24.087	0.209
100	63	23.003	23.017	0.014
100	64	22.984	23.061	0.077
105	65	23.498	23.524	0.026
105	66	23.972	23.918	-0.054
105	67	23.604	23.665	0.061
105	68	23.461	23.532	0.071
105	69	23.714	24.038	0.324
	Max	24.040	24.087	0.324
	Average	23.457	23.442	-0.015
	Min	22.764	22.830	-0.453
	Std Dev	0.347	0.331	0.137



	5.168_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.173	22.912	23.219	22.830	23.118	22.933	23.272	22.940	23.242	22.924	23.524
Average	23.307	23.443	23.396	23.388	23.428	23.334	23.535	23.496	23.525	23.218	23.735
Max	23.392	23.824	23.840	23.765	23.978	23.633	23.807	23.877	24.031	24.087	24.038
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

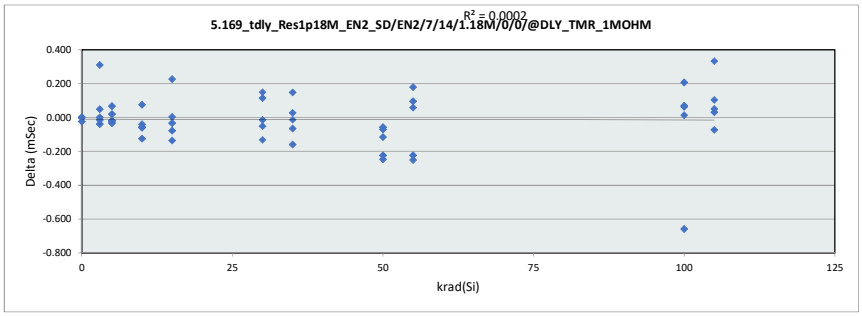


TID HDR Report
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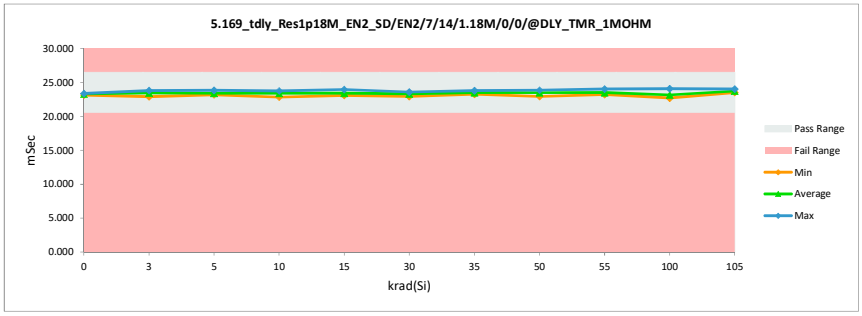
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.169_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.356	23.354	-0.002
0	14	23.388	23.391	0.003
0	15	23.176	23.153	-0.023
3	20	23.385	23.696	0.311
3	21	23.825	23.812	-0.013
3	22	23.618	23.668	0.050
3	23	22.947	22.909	-0.038
3	24	23.127	23.128	0.001
5	25	23.368	23.436	0.068
5	26	23.866	23.849	-0.017
5	27	23.243	23.219	-0.024
5	28	23.253	23.274	0.021
5	29	23.267	23.235	-0.032
10	30	23.509	23.470	-0.039
10	31	23.893	23.769	-0.124
10	32	23.421	23.361	-0.060
10	33	23.809	23.752	-0.057
10	34	22.760	22.836	0.076
15	35	23.109	23.113	0.004
15	36	23.157	23.125	-0.032
15	37	23.799	23.664	-0.135
15	38	24.040	23.963	-0.077
15	39	23.013	23.240	0.227
30	40	23.733	23.602	-0.131
30	41	23.147	23.262	0.115
30	42	23.313	23.300	-0.013
30	43	23.593	23.542	-0.051
30	44	22.783	22.933	0.150
35	45	23.545	23.481	-0.064
35	46	23.962	23.803	-0.159
35	47	23.244	23.272	0.028
35	48	23.498	23.486	-0.012
35	49	23.466	23.615	0.149
50	50	23.997	23.751	-0.246
50	51	23.471	23.414	-0.057
50	52	23.713	23.490	-0.223
50	53	23.990	23.875	-0.115
50	54	23.007	22.938	-0.069
55	55	23.064	23.244	0.180
55	56	23.590	23.340	-0.250
55	57	23.941	24.038	0.097
55	58	23.179	23.238	0.059
55	59	23.978	23.755	-0.223
100	60	23.380	22.722	-0.658
100	61	22.923	22.993	0.070
100	62	23.879	24.087	0.208
100	63	23.005	23.019	0.014
100	64	22.983	23.047	0.064
105	65	23.494	23.526	0.032
105	66	23.987	23.915	-0.072
105	67	23.606	23.657	0.051
105	68	23.435	23.540	0.105
105	69	23.712	24.045	0.333
	Max	24.040	24.087	0.333
	Average	23.452	23.441	-0.011
	Min	22.760	22.722	-0.658
	Std Dev	0.352	0.337	0.153



	5.169_tdly_Res1p18M_E										
Test Site											
Tester											
Test Number											
Max Limit	26.5	mSec									
Min Limit	20.5	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.153	22.909	23.219	22.836	23.113	22.933	23.272	22.938	23.238	22.722	23.526
Average	23.299	23.443	23.403	23.438	23.421	23.328	23.531	23.494	23.523	23.174	23.737
Max	23.391	23.812	23.849	23.769	23.963	23.602	23.803	23.875	24.038	24.087	24.045
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

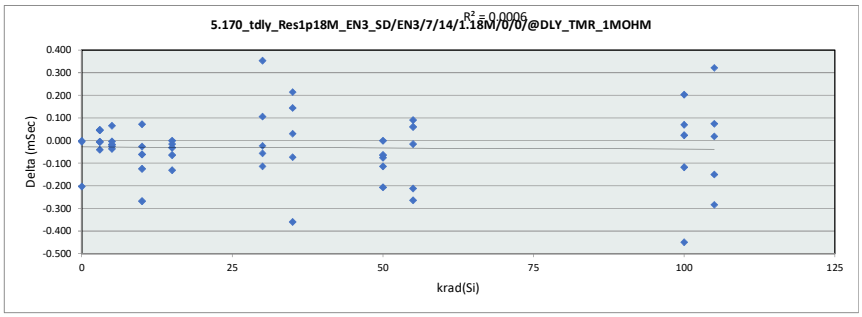


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

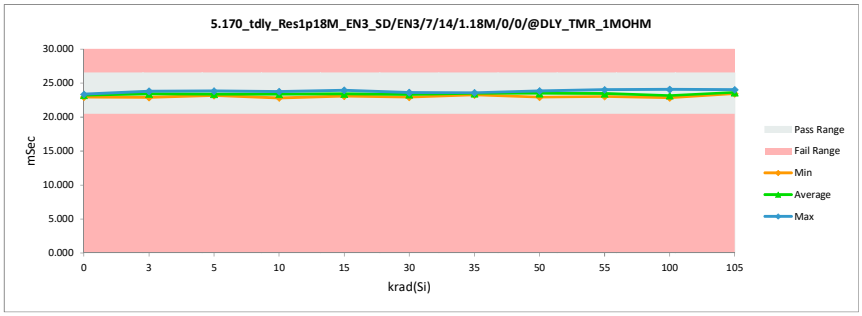
	5.170_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.345	23.344	-0.001
0	14	23.382	23.378	-0.004
0	15	23.169	22.967	-0.202
3	20	23.627	23.674	0.047
3	21	23.817	23.812	-0.005
3	22	23.615	23.662	0.047
3	23	22.940	22.900	-0.040
3	24	23.121	23.117	-0.004
5	25	23.361	23.427	0.066
5	26	23.859	23.842	-0.017
5	27	23.235	23.211	-0.024
5	28	23.272	23.269	-0.003
5	29	23.259	23.223	-0.036
10	30	23.486	23.460	-0.026
10	31	23.889	23.765	-0.124
10	32	23.415	23.148	-0.267
10	33	23.806	23.746	-0.060
10	34	22.759	22.832	0.073
15	35	23.105	23.105	0.000
15	36	23.150	23.119	-0.031
15	37	23.792	23.662	-0.130
15	38	24.033	23.970	-0.063
15	39	23.231	23.216	-0.015
30	40	23.727	23.614	-0.113
30	41	23.138	23.245	0.107
30	42	23.306	23.283	-0.023
30	43	23.588	23.532	-0.056
30	44	22.572	22.926	0.354
35	45	23.548	23.475	-0.073
35	46	23.957	23.598	-0.359
35	47	23.235	23.266	0.031
35	48	23.269	23.484	0.215
35	49	23.452	23.597	0.145
50	50	23.744	23.744	0.000
50	51	23.467	23.404	-0.063
50	52	23.690	23.484	-0.206
50	53	23.983	23.870	-0.113
50	54	22.999	22.924	-0.075
55	55	23.054	23.039	-0.015
55	56	23.584	23.321	-0.263
55	57	23.935	24.026	0.091
55	58	23.172	23.233	0.061
55	59	23.972	23.761	-0.211
100	60	23.374	22.925	-0.449
100	61	22.916	22.987	0.071
100	62	23.876	24.080	0.204
100	63	22.997	23.021	0.024
100	64	22.975	22.858	-0.117
105	65	23.491	23.510	0.019
105	66	23.982	23.699	-0.283
105	67	23.598	23.449	-0.149
105	68	23.457	23.532	0.075
105	69	23.706	24.028	0.322
	Max	24.033	24.080	0.354
	Average	23.442	23.411	-0.031
	Min	22.572	22.832	-0.449
	Std Dev	0.352	0.335	0.148



	5.170_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	22.967	22.900	23.211	22.832	23.105	22.926	23.266	22.924	23.039	22.858	23.449
Average	23.230	23.433	23.394	23.390	23.414	23.320	23.484	23.485	23.476	23.174	23.644
Max	23.378	23.812	23.842	23.765	23.970	23.614	23.598	23.870	24.026	24.080	24.028
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

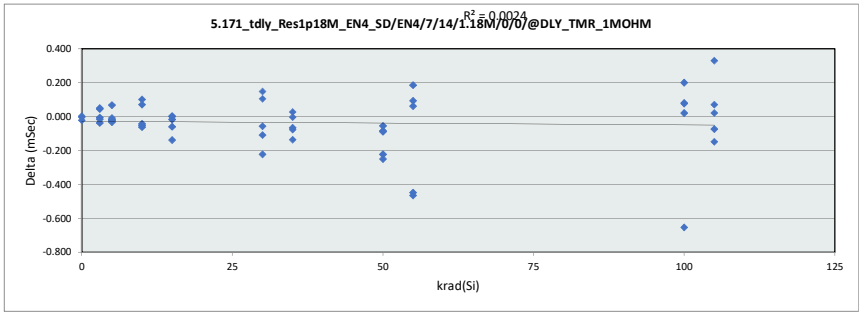


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

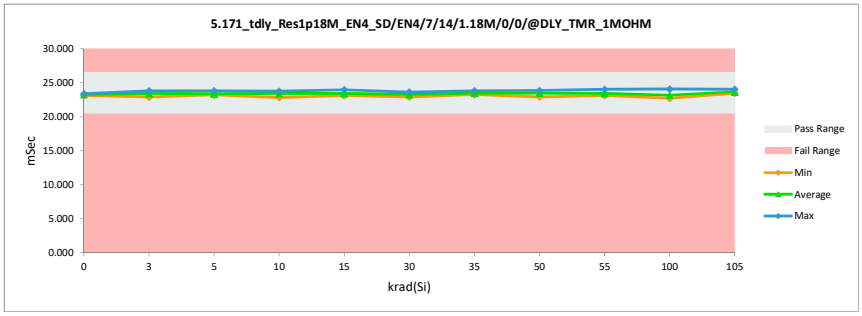
	5.171_tdly_Res1p18M_EN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.5
Min Limit	20	20.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.355	23.353	-0.002
0	14	23.387	23.391	0.004
0	15	23.177	23.156	-0.021
3	20	23.637	23.688	0.051
3	21	23.823	23.808	-0.015
3	22	23.621	23.667	0.046
3	23	22.941	22.905	-0.036
3	24	23.126	23.121	-0.005
5	25	23.370	23.439	0.069
5	26	23.864	23.846	-0.018
5	27	23.238	23.216	-0.022
5	28	23.278	23.270	-0.008
5	29	23.265	23.234	-0.031
10	30	23.508	23.467	-0.041
10	31	23.669	23.771	0.102
10	32	23.406	23.356	-0.050
10	33	23.813	23.752	-0.061
10	34	22.764	22.836	0.072
15	35	23.110	23.113	0.003
15	36	23.142	23.126	-0.016
15	37	23.798	23.661	-0.137
15	38	24.039	23.980	-0.059
15	39	23.237	23.239	0.002
30	40	23.732	23.624	-0.108
30	41	23.145	23.251	0.106
30	42	23.314	23.092	-0.222
30	43	23.595	23.539	-0.056
30	44	22.783	22.932	0.149
35	45	23.556	23.480	-0.076
35	46	23.962	23.827	-0.135
35	47	23.243	23.271	0.028
35	48	23.498	23.496	-0.002
35	49	23.467	23.402	-0.065
50	50	23.995	23.746	-0.249
50	51	23.460	23.406	-0.054
50	52	23.712	23.490	-0.222
50	53	23.964	23.877	-0.087
50	54	23.005	22.923	-0.082
55	55	23.064	23.250	0.186
55	56	23.588	23.124	-0.464
55	57	23.941	24.035	0.094
55	58	23.162	23.225	0.063
55	59	23.982	23.535	-0.447
100	60	23.379	22.727	-0.652
100	61	22.921	23.002	0.081
100	62	23.885	24.086	0.201
100	63	23.004	23.026	0.022
100	64	22.981	23.059	0.078
105	65	23.499	23.522	0.023
105	66	23.989	23.916	-0.073
105	67	23.603	23.456	-0.147
105	68	23.464	23.536	0.072
105	69	23.712	24.043	0.331
	Max	24.039	24.086	0.331
	Average	23.456	23.421	-0.035
	Min	22.764	22.727	-0.652
	Std Dev	0.345	0.338	0.160



	5.171_tdly_Res1p18M_E	
Test Site		
Tester		
Test Number		
Max Limit	26.5	mSec
Min Limit	20.5	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500	20.500
Min	23.156	22.905	23.216	22.836	23.113	22.932	23.271	22.923	23.124	22.727	23.456
Average	23.300	23.438	23.401	23.436	23.424	23.288	23.495	23.488	23.434	23.180	23.695
Max	23.391	23.808	23.846	23.771	23.980	23.624	23.827	23.877	24.035	24.086	24.043
UL	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500	26.500

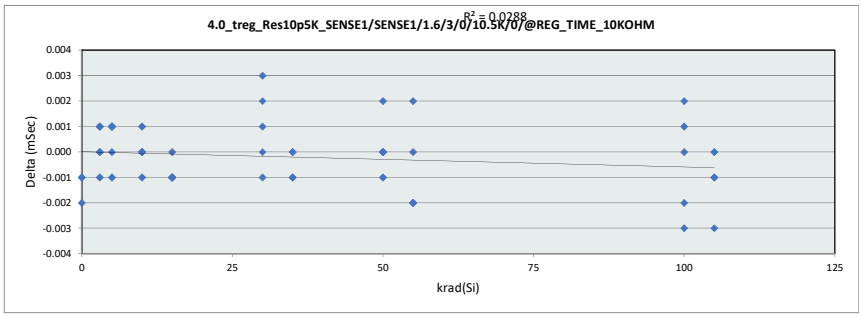


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

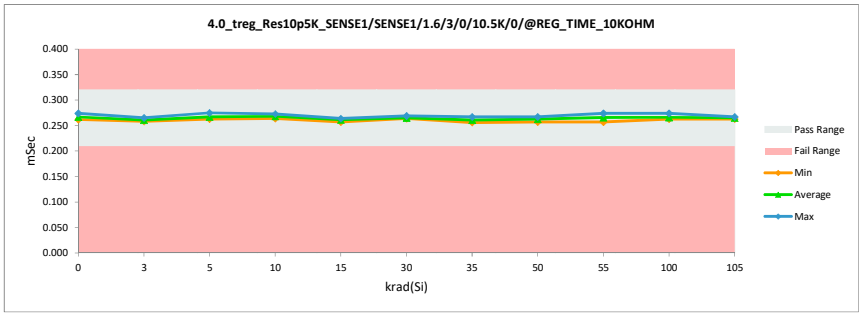
	4.0_treg_Res10p5K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.264	-0.001
0	14	0.264	0.262	-0.002
0	15	0.275	0.274	-0.001
3	20	0.263	0.262	-0.001
3	21	0.257	0.258	0.001
3	22	0.265	0.265	0.000
3	23	0.257	0.258	0.001
3	24	0.262	0.262	0.000
5	25	0.274	0.275	0.001
5	26	0.267	0.268	0.001
5	27	0.263	0.263	0.000
5	28	0.263	0.264	0.001
5	29	0.266	0.265	-0.001
10	30	0.274	0.273	-0.001
10	31	0.272	0.273	0.001
10	32	0.264	0.264	0.000
10	33	0.266	0.266	0.000
10	34	0.265	0.265	0.000
15	35	0.264	0.263	-0.001
15	36	0.263	0.262	-0.001
15	37	0.258	0.257	-0.001
15	38	0.264	0.264	0.000
15	39	0.263	0.262	-0.001
30	40	0.265	0.264	-0.001
30	41	0.264	0.266	0.002
30	42	0.264	0.264	0.000
30	43	0.263	0.264	0.001
30	44	0.266	0.269	0.003
35	45	0.267	0.267	0.000
35	46	0.257	0.256	-0.001
35	47	0.264	0.264	0.000
35	48	0.258	0.257	-0.001
35	49	0.261	0.261	0.000
50	50	0.263	0.263	0.000
50	51	0.265	0.267	0.002
50	52	0.265	0.264	-0.001
50	53	0.257	0.257	0.000
50	54	0.263	0.263	0.000
55	55	0.263	0.265	0.002
55	56	0.268	0.266	-0.002
55	57	0.276	0.274	-0.002
55	58	0.269	0.267	-0.002
55	59	0.257	0.257	0.000
100	60	0.263	0.265	0.002
100	61	0.266	0.263	-0.003
100	62	0.276	0.274	-0.002
100	63	0.265	0.266	0.001
100	64	0.263	0.263	0.000
105	65	0.264	0.264	0.000
105	66	0.263	0.263	0.000
105	67	0.267	0.266	-0.001
105	68	0.268	0.265	-0.003
105	69	0.268	0.267	-0.001
	Max	0.276	0.275	0.003
	Average	0.265	0.265	0.000
	Min	0.257	0.256	-0.003
	Std Dev	0.005	0.004	0.001



	4.0_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Max Limit	0.32	mSec
Min Limit	0.21	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.262	0.258	0.263	0.264	0.257	0.264	0.256	0.257	0.257	0.263	0.263
Average	0.267	0.261	0.267	0.268	0.262	0.265	0.261	0.263	0.266	0.266	0.265
Max	0.274	0.265	0.275	0.273	0.264	0.269	0.267	0.267	0.274	0.274	0.267
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

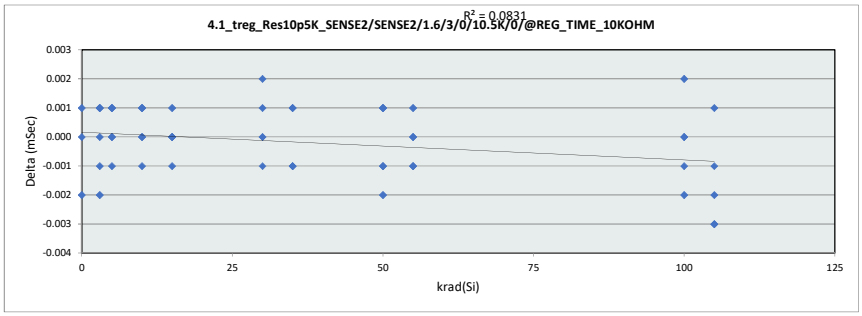


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

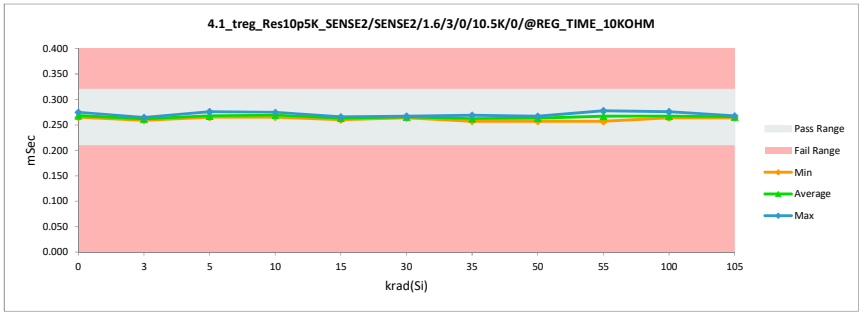
	4.1_treg_Res10p5K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.267	0.265	-0.002
0	14	0.264	0.265	0.001
0	15	0.275	0.275	0.000
3	20	0.264	0.265	0.001
3	21	0.259	0.260	0.001
3	22	0.267	0.265	-0.002
3	23	0.260	0.259	-0.001
3	24	0.262	0.262	0.000
5	25	0.276	0.276	0.000
5	26	0.268	0.267	-0.001
5	27	0.264	0.265	0.001
5	28	0.264	0.265	0.001
5	29	0.267	0.267	0.000
10	30	0.274	0.275	0.001
10	31	0.275	0.275	0.000
10	32	0.265	0.265	0.000
10	33	0.268	0.267	-0.001
10	34	0.264	0.265	0.001
15	35	0.263	0.263	0.000
15	36	0.265	0.265	0.000
15	37	0.259	0.260	0.001
15	38	0.266	0.266	0.000
15	39	0.265	0.264	-0.001
30	40	0.265	0.267	0.002
30	41	0.265	0.266	0.001
30	42	0.265	0.265	0.000
30	43	0.265	0.264	-0.001
30	44	0.267	0.267	0.000
35	45	0.268	0.269	0.001
35	46	0.258	0.257	-0.001
35	47	0.265	0.266	0.001
35	48	0.259	0.258	-0.001
35	49	0.263	0.262	-0.001
50	50	0.265	0.263	-0.002
50	51	0.266	0.267	0.001
50	52	0.266	0.265	-0.001
50	53	0.258	0.257	-0.001
50	54	0.264	0.265	0.001
55	55	0.266	0.265	-0.001
55	56	0.267	0.267	0.000
55	57	0.277	0.278	0.001
55	58	0.269	0.269	0.000
55	59	0.258	0.257	-0.001
100	60	0.264	0.266	0.002
100	61	0.267	0.265	-0.002
100	62	0.277	0.276	-0.001
100	63	0.266	0.266	0.000
100	64	0.264	0.264	0.000
105	65	0.265	0.264	-0.001
105	66	0.264	0.265	0.001
105	67	0.269	0.267	-0.002
105	68	0.269	0.266	-0.003
105	69	0.271	0.268	-0.003
	Max	0.277	0.278	0.002
	Average	0.266	0.266	0.000
	Min	0.258	0.257	-0.003
	Std Dev	0.005	0.005	0.001



	4.1_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Max Limit	0.32	mSec
Min Limit	0.21	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.265	0.259	0.265	0.265	0.260	0.264	0.257	0.257	0.257	0.264	0.264
Average	0.268	0.262	0.268	0.269	0.264	0.266	0.262	0.263	0.267	0.267	0.266
Max	0.275	0.265	0.276	0.275	0.266	0.267	0.269	0.267	0.278	0.276	0.268
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

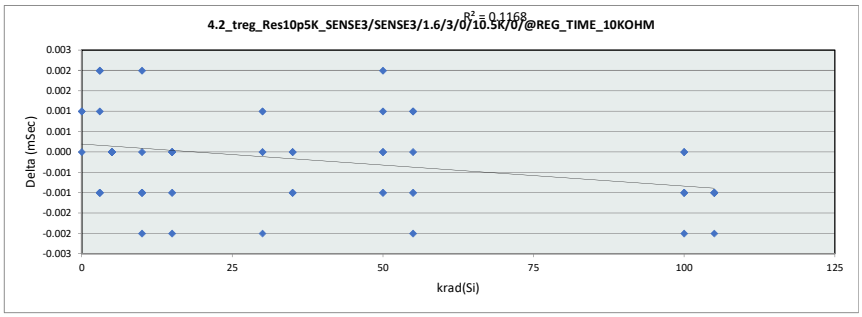


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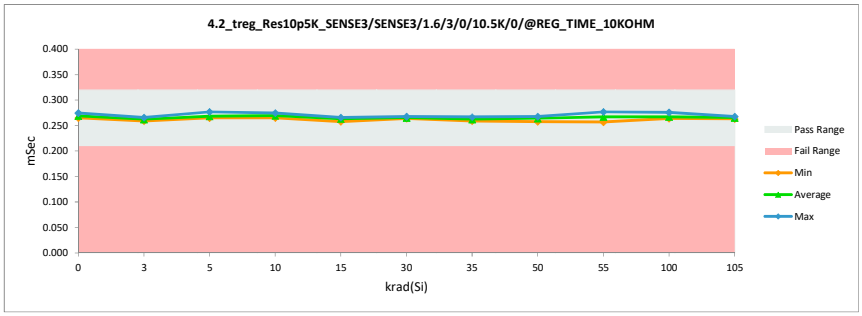
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.2_treg_Res10p5K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.267	0.001
0	14	0.264	0.265	0.001
0	15	0.275	0.275	0.000
3	20	0.263	0.265	0.002
3	21	0.258	0.260	0.002
3	22	0.267	0.266	-0.001
3	23	0.258	0.259	0.001
3	24	0.264	0.263	-0.001
5	25	0.277	0.277	0.000
5	26	0.268	0.268	0.000
5	27	0.265	0.265	0.000
5	28	0.265	0.265	0.000
5	29	0.267	0.267	0.000
10	30	0.276	0.275	-0.001
10	31	0.273	0.275	0.002
10	32	0.267	0.265	-0.002
10	33	0.268	0.267	-0.001
10	34	0.266	0.266	0.000
15	35	0.264	0.264	0.000
15	36	0.264	0.264	0.000
15	37	0.259	0.258	-0.001
15	38	0.268	0.266	-0.002
15	39	0.265	0.265	0.000
30	40	0.267	0.265	-0.002
30	41	0.265	0.266	0.001
30	42	0.265	0.266	0.001
30	43	0.264	0.264	0.000
30	44	0.268	0.268	0.000
35	45	0.267	0.267	0.000
35	46	0.259	0.259	0.000
35	47	0.265	0.265	0.000
35	48	0.260	0.259	-0.001
35	49	0.263	0.262	-0.001
50	50	0.266	0.265	-0.001
50	51	0.268	0.268	0.000
50	52	0.265	0.266	0.001
50	53	0.258	0.258	0.000
50	54	0.263	0.265	0.002
55	55	0.266	0.266	0.000
55	56	0.266	0.267	0.001
55	57	0.278	0.277	-0.001
55	58	0.269	0.270	0.001
55	59	0.259	0.257	-0.002
100	60	0.266	0.265	-0.001
100	61	0.266	0.264	-0.002
100	62	0.276	0.276	0.000
100	63	0.267	0.267	0.000
100	64	0.265	0.264	-0.001
105	65	0.266	0.265	-0.001
105	66	0.264	0.263	-0.001
105	67	0.268	0.267	-0.001
105	68	0.268	0.266	-0.002
105	69	0.269	0.268	-0.001
	Max	0.278	0.277	0.002
	Average	0.266	0.266	0.000
	Min	0.258	0.257	-0.002
	Std Dev	0.005	0.005	0.001



	4.2_treg_Res10p5K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.265	0.259	0.265	0.265	0.258	0.264	0.259	0.258	0.257	0.264	0.263
Average	0.269	0.263	0.268	0.270	0.263	0.266	0.262	0.264	0.267	0.267	0.266
Max	0.275	0.266	0.277	0.275	0.266	0.268	0.267	0.268	0.277	0.276	0.268
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

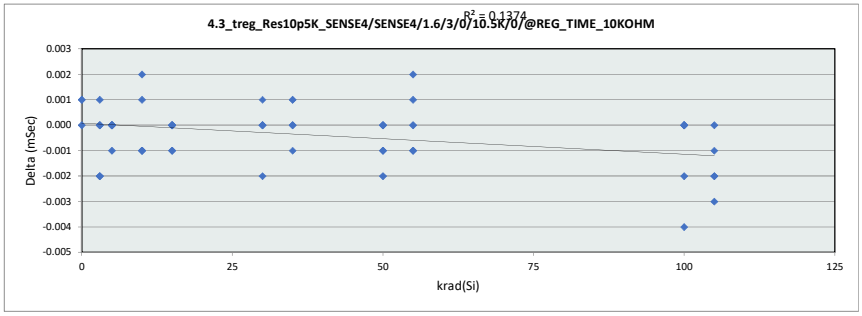


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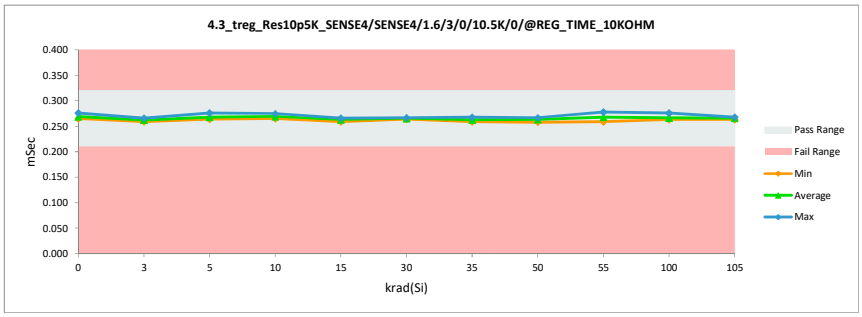
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.3_treg_Res10p5K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.266	0.001
0	14	0.265	0.265	0.000
0	15	0.275	0.276	0.001
3	20	0.264	0.264	0.000
3	21	0.261	0.259	-0.002
3	22	0.268	0.266	-0.002
3	23	0.258	0.259	0.001
3	24	0.262	0.262	0.000
5	25	0.276	0.276	0.000
5	26	0.268	0.268	0.000
5	27	0.266	0.265	-0.001
5	28	0.264	0.264	0.000
5	29	0.267	0.267	0.000
10	30	0.276	0.275	-0.001
10	31	0.273	0.275	0.002
10	32	0.265	0.266	0.001
10	33	0.267	0.266	-0.001
10	34	0.266	0.265	-0.001
15	35	0.264	0.263	-0.001
15	36	0.264	0.263	-0.001
15	37	0.259	0.259	0.000
15	38	0.266	0.266	0.000
15	39	0.264	0.264	0.000
30	40	0.266	0.266	0.000
30	41	0.266	0.266	0.000
30	42	0.266	0.264	-0.002
30	43	0.265	0.265	0.000
30	44	0.266	0.267	0.001
35	45	0.267	0.268	0.001
35	46	0.258	0.259	0.001
35	47	0.265	0.265	0.000
35	48	0.260	0.259	-0.001
35	49	0.263	0.263	0.000
50	50	0.266	0.264	-0.002
50	51	0.267	0.267	0.000
50	52	0.266	0.265	-0.001
50	53	0.258	0.258	0.000
50	54	0.264	0.263	-0.001
55	55	0.265	0.265	0.000
55	56	0.266	0.268	0.002
55	57	0.279	0.278	-0.001
55	58	0.270	0.269	-0.001
55	59	0.258	0.259	0.001
100	60	0.265	0.265	0.000
100	61	0.267	0.263	-0.004
100	62	0.276	0.276	0.000
100	63	0.267	0.267	0.000
100	64	0.265	0.263	-0.002
105	65	0.266	0.266	0.000
105	66	0.264	0.263	-0.001
105	67	0.268	0.266	-0.002
105	68	0.269	0.267	-0.002
105	69	0.271	0.268	-0.003
	Max	0.279	0.278	0.002
	Average	0.266	0.266	0.000
	Min	0.258	0.258	-0.004
	Std Dev	0.005	0.005	0.001



	4.3_treg_Res10p5K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.265	0.259	0.264	0.265	0.259	0.264	0.259	0.258	0.259	0.263	0.263
Average	0.269	0.262	0.268	0.269	0.263	0.266	0.263	0.263	0.268	0.267	0.266
Max	0.276	0.266	0.276	0.275	0.266	0.267	0.268	0.267	0.278	0.276	0.268
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

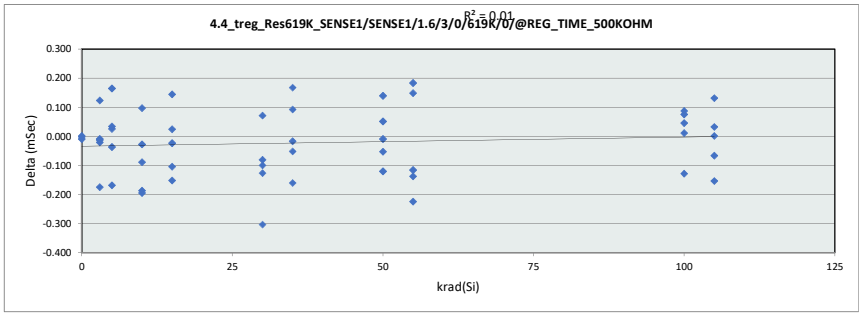


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

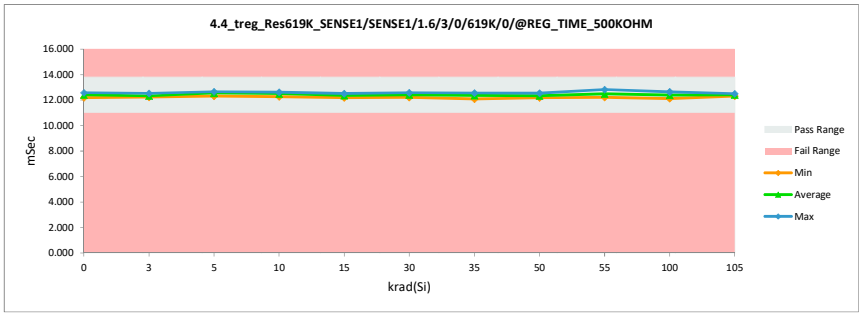
	4.4_treg_Res619K_SENSE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.456	12.458	0.002
0	14	12.187	12.186	-0.001
0	15	12.597	12.588	-0.009
3	20	12.149	12.273	0.124
3	21	12.378	12.369	-0.009
3	22	12.538	12.526	-0.012
3	23	12.281	12.261	-0.020
3	24	12.407	12.233	-0.174
5	25	12.831	12.663	-0.168
5	26	12.694	12.658	-0.036
5	27	12.317	12.482	0.165
5	28	12.282	12.317	0.035
5	29	12.638	12.664	0.026
10	30	12.461	12.559	0.098
10	31	12.819	12.625	-0.194
10	32	12.680	12.592	-0.088
10	33	12.460	12.274	-0.186
10	34	12.521	12.494	-0.027
15	35	12.338	12.187	-0.151
15	36	12.312	12.457	0.145
15	37	12.413	12.438	0.025
15	38	12.539	12.516	-0.023
15	39	12.334	12.230	-0.104
30	40	12.150	12.222	0.072
30	41	12.397	12.298	-0.099
30	42	12.889	12.586	-0.303
30	43	12.559	12.433	-0.126
30	44	12.652	12.572	-0.080
35	45	12.606	12.555	-0.051
35	46	12.276	12.444	0.168
35	47	12.405	12.389	-0.016
35	48	12.218	12.311	0.093
35	49	12.250	12.090	-0.160
50	50	12.316	12.368	0.052
50	51	12.408	12.548	0.140
50	52	12.493	12.441	-0.052
50	53	12.297	12.177	-0.120
50	54	12.234	12.225	-0.009
55	55	12.440	12.303	-0.137
55	56	12.590	12.475	-0.115
55	57	12.688	12.837	0.149
55	58	12.420	12.604	0.184
55	59	12.446	12.222	-0.224
100	60	12.362	12.374	0.012
100	61	12.086	12.132	0.046
100	62	12.771	12.643	-0.128
100	63	12.466	12.542	0.076
100	64	12.129	12.217	0.088
105	65	12.462	12.464	0.002
105	66	12.188	12.320	0.132
105	67	12.496	12.430	-0.066
105	68	12.597	12.444	-0.153
105	69	12.472	12.505	0.033
	Max	12.889	12.837	0.184
	Average	12.441	12.419	-0.022
	Min	12.086	12.090	-0.303
	Std Dev	0.189	0.166	0.114



	4.4_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Max Limit	13.8	mSec
Min Limit	11	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.186	12.233	12.317	12.274	12.187	12.222	12.090	12.177	12.222	12.132	12.320
Average	12.411	12.332	12.557	12.509	12.366	12.422	12.358	12.352	12.488	12.382	12.433
Max	12.588	12.526	12.664	12.625	12.516	12.586	12.555	12.548	12.837	12.643	12.505
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

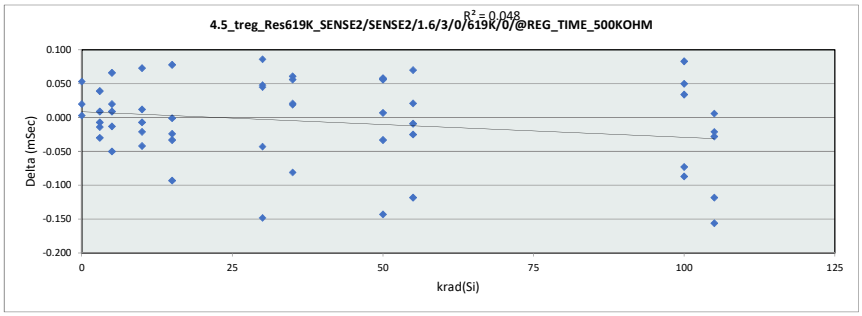


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

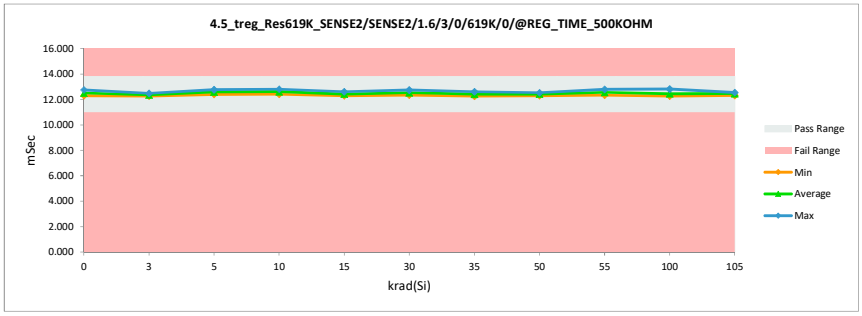
	4.5_treg_Res619K_SENSE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.397	12.450	0.053
0	14	12.278	12.298	0.020
0	15	12.751	12.754	0.003
3	20	12.280	12.273	-0.007
3	21	12.300	12.286	-0.014
3	22	12.514	12.484	-0.030
3	23	12.363	12.372	0.009
3	24	12.341	12.380	0.039
5	25	12.746	12.766	0.020
5	26	12.639	12.705	0.066
5	27	12.485	12.472	-0.013
5	28	12.451	12.401	-0.050
5	29	12.620	12.629	0.009
10	30	12.617	12.610	-0.007
10	31	12.733	12.806	0.073
10	32	12.638	12.650	0.012
10	33	12.450	12.408	-0.042
10	34	12.657	12.636	-0.021
15	35	12.346	12.313	-0.033
15	36	12.394	12.472	0.078
15	37	12.419	12.418	-0.001
15	38	12.706	12.613	-0.093
15	39	12.320	12.296	-0.024
30	40	12.266	12.352	0.086
30	41	12.360	12.408	0.048
30	42	12.884	12.736	-0.148
30	43	12.563	12.520	-0.043
30	44	12.613	12.658	0.045
35	45	12.587	12.606	0.019
35	46	12.383	12.439	0.056
35	47	12.582	12.501	-0.081
35	48	12.234	12.255	0.021
35	49	12.192	12.253	0.061
50	50	12.336	12.392	0.056
50	51	12.560	12.527	-0.033
50	52	12.649	12.506	-0.143
50	53	12.285	12.292	0.007
50	54	12.344	12.402	0.058
55	55	12.444	12.465	0.021
55	56	12.567	12.637	0.070
55	57	12.821	12.796	-0.025
55	58	12.588	12.579	-0.009
55	59	12.451	12.333	-0.118
100	60	12.374	12.301	-0.073
100	61	12.231	12.265	0.034
100	62	12.902	12.815	-0.087
100	63	12.483	12.533	0.050
100	64	12.262	12.345	0.083
105	65	12.539	12.545	0.006
105	66	12.339	12.311	-0.028
105	67	12.662	12.506	-0.156
105	68	12.583	12.465	-0.118
105	69	12.530	12.509	-0.021
	Max	12.902	12.815	0.086
	Average	12.492	12.486	-0.006
	Min	12.192	12.253	-0.156
	Std Dev	0.177	0.160	0.061



	4.5_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Max Limit	13.8	mSec
Min Limit	11	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.298	12.273	12.401	12.408	12.296	12.352	12.253	12.292	12.333	12.265	12.311
Average	12.501	12.359	12.595	12.622	12.422	12.535	12.411	12.424	12.562	12.452	12.467
Max	12.754	12.484	12.766	12.806	12.613	12.736	12.606	12.527	12.796	12.815	12.545
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

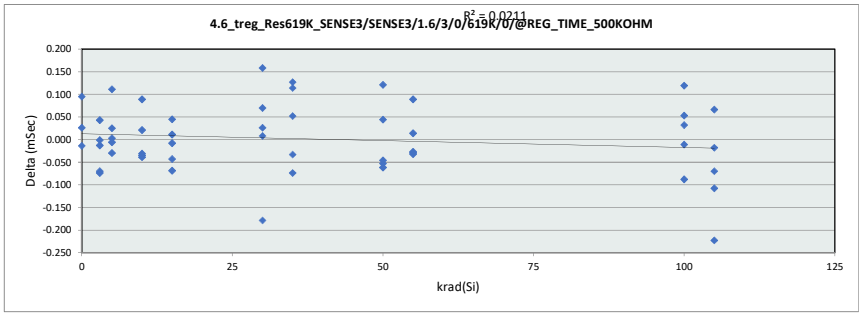


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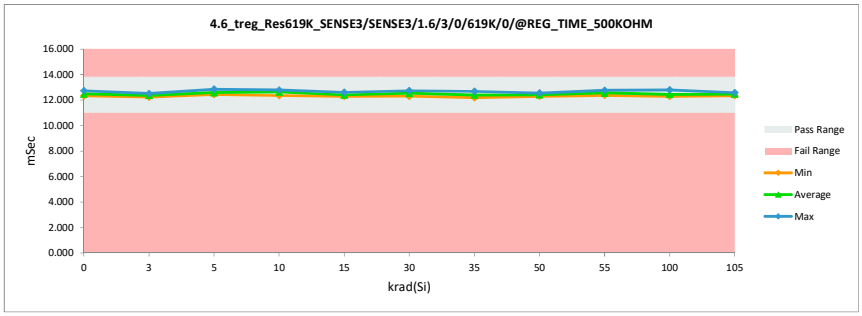
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.6_treg_Res619K_SENSE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.406	12.392	-0.014
0	14	12.241	12.336	0.095
0	15	12.705	12.731	0.026
3	20	12.317	12.243	-0.074
3	21	12.347	12.334	-0.013
3	22	12.476	12.519	0.043
3	23	12.411	12.410	-0.001
3	24	12.396	12.326	-0.070
5	25	12.737	12.848	0.111
5	26	12.710	12.680	-0.030
5	27	12.443	12.437	-0.006
5	28	12.407	12.432	0.025
5	29	12.586	12.589	0.003
10	30	12.584	12.673	0.089
10	31	12.825	12.790	-0.035
10	32	12.711	12.732	0.021
10	33	12.402	12.363	-0.039
10	34	12.651	12.620	-0.031
15	35	12.286	12.297	0.011
15	36	12.444	12.436	-0.008
15	37	12.439	12.396	-0.043
15	38	12.679	12.610	-0.069
15	39	12.288	12.333	0.045
30	40	12.295	12.303	0.008
30	41	12.347	12.373	0.026
30	42	12.892	12.713	-0.179
30	43	12.532	12.602	0.070
30	44	12.579	12.737	0.158
35	45	12.551	12.678	0.127
35	46	12.335	12.387	0.052
35	47	12.535	12.461	-0.074
35	48	12.179	12.293	0.114
35	49	12.223	12.190	-0.033
50	50	12.277	12.398	0.121
50	51	12.542	12.489	-0.053
50	52	12.618	12.556	-0.062
50	53	12.255	12.299	0.044
50	54	12.387	12.341	-0.046
55	55	12.394	12.408	0.014
55	56	12.631	12.604	-0.027
55	57	12.805	12.773	-0.032
55	58	12.551	12.640	0.089
55	59	12.406	12.377	-0.029
100	60	12.314	12.346	0.032
100	61	12.168	12.287	0.119
100	62	12.891	12.803	-0.088
100	63	12.438	12.491	0.053
100	64	12.300	12.289	-0.011
105	65	12.598	12.580	-0.018
105	66	12.284	12.350	0.066
105	67	12.623	12.553	-0.070
105	68	12.626	12.403	-0.223
105	69	12.582	12.474	-0.108
	Max	12.892	12.848	0.158
	Average	12.484	12.485	0.001
	Min	12.168	12.190	-0.223
	Std Dev	0.184	0.169	0.075



	4.6_treg_Res619K_SENS										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.336	12.243	12.432	12.363	12.297	12.303	12.190	12.299	12.377	12.287	12.350
Average	12.486	12.366	12.597	12.636	12.414	12.546	12.402	12.417	12.560	12.443	12.472
Max	12.731	12.519	12.848	12.790	12.610	12.737	12.678	12.556	12.773	12.803	12.580
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

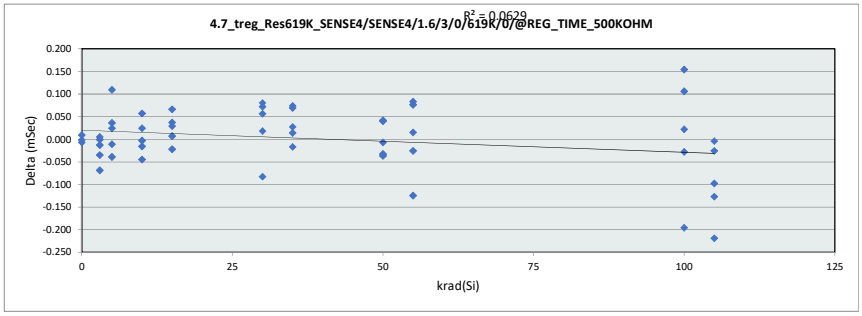


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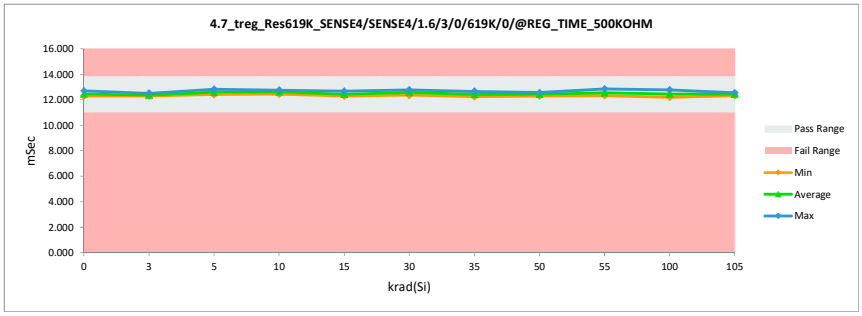
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.7_treg_Res619K_SENSE	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.379	12.377	-0.002
0	14	12.301	12.310	0.009
0	15	12.704	12.697	-0.007
3	20	12.291	12.296	0.005
3	21	12.319	12.306	-0.013
3	22	12.549	12.514	-0.035
3	23	12.397	12.396	-0.001
3	24	12.369	12.300	-0.069
5	25	12.793	12.829	0.036
5	26	12.686	12.647	-0.039
5	27	12.421	12.410	-0.011
5	28	12.393	12.417	0.024
5	29	12.560	12.669	0.109
10	30	12.657	12.654	-0.003
10	31	12.804	12.759	-0.045
10	32	12.684	12.708	0.024
10	33	12.377	12.434	0.057
10	34	12.605	12.589	-0.016
15	35	12.264	12.330	0.066
15	36	12.418	12.396	-0.022
15	37	12.438	12.475	0.037
15	38	12.665	12.672	0.007
15	39	12.268	12.297	0.029
30	40	12.280	12.360	0.080
30	41	12.420	12.438	0.018
30	42	12.856	12.773	-0.083
30	43	12.506	12.578	0.072
30	44	12.653	12.709	0.056
35	45	12.625	12.652	0.027
35	46	12.383	12.457	0.074
35	47	12.516	12.530	0.014
35	48	12.249	12.232	-0.017
35	49	12.194	12.263	0.069
50	50	12.346	12.386	0.040
50	51	12.516	12.558	0.042
50	52	12.592	12.559	-0.033
50	53	12.328	12.291	-0.037
50	54	12.363	12.356	-0.007
55	55	12.375	12.390	0.015
55	56	12.606	12.580	-0.026
55	57	12.779	12.855	0.076
55	58	12.527	12.610	0.083
55	59	12.453	12.328	-0.125
100	60	12.294	12.316	0.022
100	61	12.224	12.196	-0.028
100	62	12.968	12.772	-0.196
100	63	12.408	12.562	0.154
100	64	12.253	12.359	0.106
105	65	12.575	12.549	-0.026
105	66	12.339	12.335	-0.004
105	67	12.607	12.509	-0.098
105	68	12.623	12.404	-0.219
105	69	12.579	12.452	-0.127
	Max	12.968	12.855	0.154
	Average	12.486	12.488	0.001
	Min	12.194	12.196	-0.219
	Std Dev	0.181	0.169	0.070



	4.7_treg_Res619K_SENS										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.310	12.296	12.410	12.434	12.297	12.360	12.232	12.291	12.328	12.196	12.335
Average	12.461	12.362	12.594	12.629	12.434	12.572	12.427	12.430	12.553	12.441	12.450
Max	12.697	12.514	12.829	12.759	12.672	12.773	12.652	12.559	12.855	12.772	12.549
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

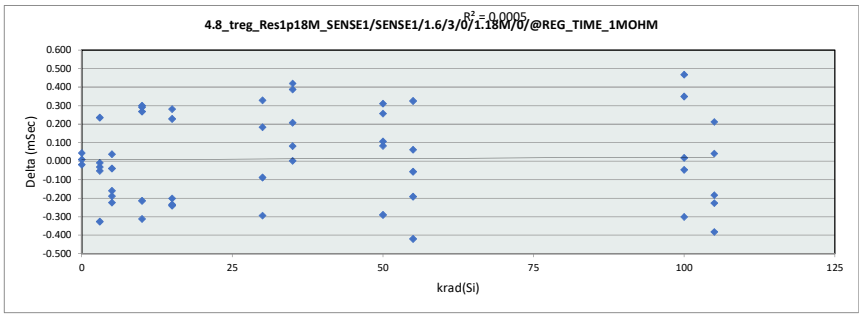


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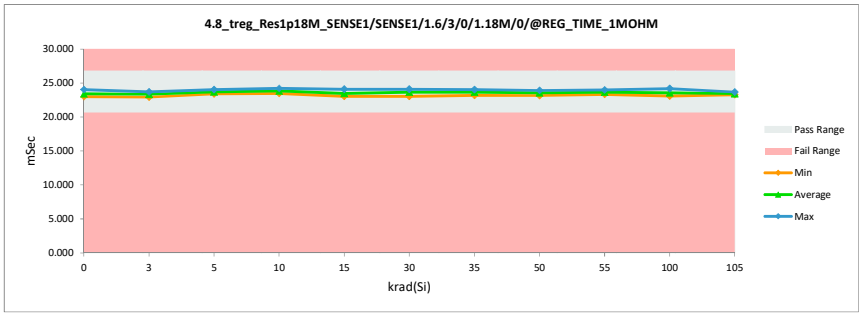
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.8_treg_Res1p18M_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.318	23.298	-0.020
0	14	22.939	22.982	0.043
0	15	24.026	24.034	0.008
3	20	23.258	22.931	-0.327
3	21	23.330	23.298	-0.032
3	22	23.752	23.699	-0.053
3	23	23.379	23.369	-0.010
3	24	23.285	23.520	0.235
5	25	23.847	23.884	0.037
5	26	24.083	24.043	-0.040
5	27	23.653	23.428	-0.225
5	28	23.574	23.413	-0.161
5	29	23.947	23.757	-0.190
10	30	23.787	23.572	-0.215
10	31	23.929	24.228	0.299
10	32	24.194	23.881	-0.313
10	33	23.192	23.483	0.291
10	34	23.844	24.111	0.267
15	35	23.290	23.055	-0.235
15	36	23.639	23.398	-0.241
15	37	23.741	23.539	-0.202
15	38	23.876	24.104	0.228
15	39	23.078	23.359	0.281
30	40	22.879	23.062	0.183
30	41	23.374	23.284	-0.090
30	42	24.398	24.103	-0.295
30	43	23.643	23.971	0.328
30	44	23.954	23.866	-0.088
35	45	23.621	24.040	0.419
35	46	23.702	23.783	0.081
35	47	23.622	23.829	0.207
35	48	23.024	23.411	0.387
35	49	23.186	23.187	0.001
50	50	23.347	23.453	0.106
50	51	23.547	23.803	0.256
50	52	23.831	23.913	0.082
50	53	23.248	23.558	0.310
50	54	23.443	23.152	-0.291
55	55	23.274	23.335	0.061
55	56	23.681	24.006	0.325
55	57	23.909	23.852	-0.057
55	58	23.826	23.634	-0.192
55	59	23.823	23.402	-0.421
100	60	23.391	23.408	0.017
100	61	23.161	23.113	-0.048
100	62	24.494	24.192	-0.302
100	63	23.348	23.815	0.467
100	64	23.054	23.403	0.349
105	65	23.642	23.683	0.041
105	66	23.141	23.352	0.211
105	67	23.730	23.503	-0.227
105	68	23.679	23.296	-0.383
105	69	23.576	23.392	-0.184
	Max	24.494	24.228	0.467
	Average	23.576	23.588	0.013
	Min	22.879	22.931	-0.421
	Std Dev	0.359	0.339	0.235



	4.8_treg_Res1p18M_SEN										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	22.982	22.931	23.413	23.483	23.055	23.062	23.187	23.152	23.335	23.113	23.296
Average	23.438	23.363	23.705	23.855	23.491	23.657	23.650	23.576	23.646	23.586	23.445
Max	24.034	23.699	24.043	24.228	24.104	24.103	24.040	23.913	24.006	24.192	23.683
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

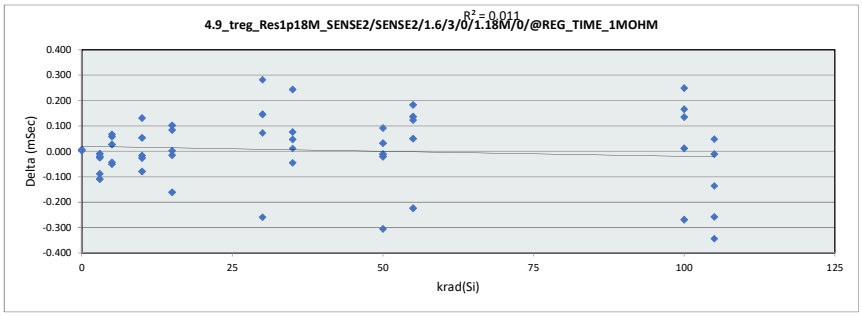


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

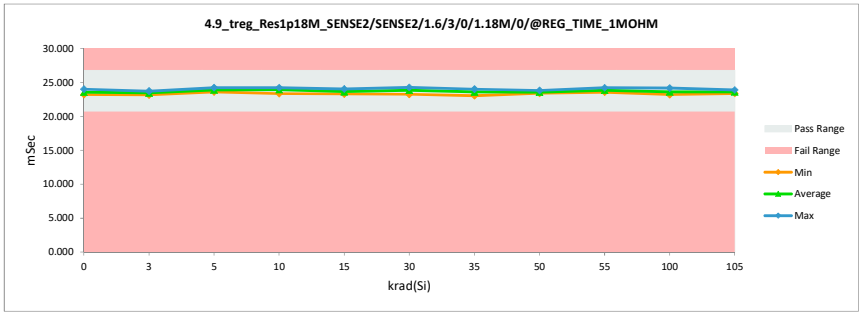
	4.9_treg_Res1p18M_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.512	23.517	0.005
0	14	23.201	23.208	0.007
0	15	24.020	24.023	0.003
3	20	23.261	23.173	-0.088
3	21	23.526	23.505	-0.021
3	22	23.746	23.721	-0.025
3	23	23.594	23.584	-0.010
3	24	23.468	23.359	-0.109
5	25	24.195	24.253	0.058
5	26	24.064	24.021	-0.043
5	27	23.655	23.605	-0.050
5	28	23.578	23.645	0.067
5	29	23.924	23.951	0.027
10	30	23.778	23.762	-0.016
10	31	24.080	24.211	0.131
10	32	24.197	24.250	0.053
10	33	23.397	23.371	-0.026
10	34	24.193	24.114	-0.079
15	35	23.313	23.298	-0.015
15	36	23.650	23.652	0.002
15	37	23.705	23.807	0.102
15	38	24.206	24.045	-0.161
15	39	23.346	23.430	0.084
30	40	23.118	23.264	0.146
30	41	23.427	23.500	0.073
30	42	24.522	24.263	-0.259
30	43	23.820	23.965	0.145
30	44	23.938	24.220	0.282
35	45	23.779	24.023	0.244
35	46	23.713	23.789	0.076
35	47	23.803	23.814	0.011
35	48	23.250	23.297	0.047
35	49	23.110	23.065	-0.045
50	50	23.388	23.420	0.032
50	51	23.734	23.826	0.092
50	52	24.057	23.752	-0.305
50	53	23.459	23.438	-0.021
50	54	23.468	23.457	-0.011
55	55	23.504	23.554	0.050
55	56	23.866	23.989	0.123
55	57	24.082	24.218	0.136
55	58	23.647	23.830	0.183
55	59	23.829	23.605	-0.224
100	60	23.432	23.444	0.012
100	61	23.066	23.201	0.135
100	62	24.449	24.180	-0.269
100	63	23.561	23.810	0.249
100	64	23.281	23.447	0.166
105	65	23.839	23.887	0.048
105	66	23.406	23.395	-0.011
105	67	23.944	23.686	-0.258
105	68	23.871	23.527	-0.344
105	69	23.741	23.605	-0.136
	Max	24.522	24.263	0.282
	Average	23.693	23.698	0.005
	Min	23.066	23.065	-0.344
	Std Dev	0.343	0.326	0.137



	4.9_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.208	23.173	23.605	23.371	23.298	23.264	23.065	23.420	23.554	23.201	23.395
Average	23.583	23.468	23.895	23.942	23.646	23.842	23.598	23.579	23.839	23.616	23.620
Max	24.023	23.721	24.253	24.250	24.045	24.263	24.023	23.826	24.218	24.180	23.887
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

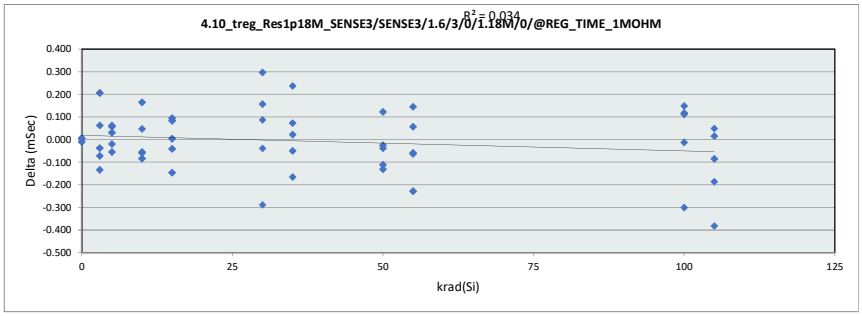


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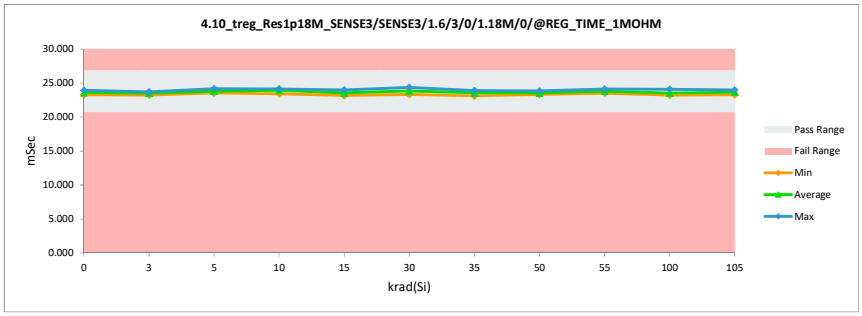
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.10_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.599	23.601	0.002
0	14	23.271	23.278	0.007
0	15	23.940	23.930	-0.010
3	20	23.179	23.242	0.063
3	21	23.613	23.541	-0.072
3	22	23.664	23.627	-0.037
3	23	23.496	23.702	0.206
3	24	23.581	23.447	-0.134
5	25	24.116	24.173	0.057
5	26	23.998	23.943	-0.055
5	27	23.561	23.541	-0.020
5	28	23.482	23.545	0.063
5	29	23.836	23.867	0.031
10	30	23.690	23.855	0.165
10	31	24.193	24.138	-0.055
10	32	24.122	24.169	0.047
10	33	23.486	23.427	-0.059
10	34	24.122	24.038	-0.084
15	35	23.230	23.189	-0.041
15	36	23.551	23.555	0.004
15	37	23.650	23.733	0.083
15	38	24.142	23.996	-0.146
15	39	23.234	23.328	0.094
30	40	23.176	23.333	0.157
30	41	23.494	23.581	0.087
30	42	24.656	24.368	-0.288
30	43	23.920	23.881	-0.039
30	44	23.856	24.153	0.297
35	45	23.900	23.922	0.022
35	46	23.617	23.690	0.073
35	47	23.902	23.737	-0.165
35	48	23.141	23.378	0.237
35	49	23.178	23.128	-0.050
50	50	23.277	23.399	0.122
50	51	23.835	23.723	-0.112
50	52	23.975	23.844	-0.131
50	53	23.542	23.517	-0.025
50	54	23.376	23.338	-0.038
55	55	23.593	23.650	0.057
55	56	23.969	23.906	-0.063
55	57	24.202	24.143	-0.059
55	58	23.742	23.887	0.145
55	59	23.742	23.514	-0.228
100	60	23.329	23.317	-0.012
100	61	23.136	23.248	0.112
100	62	24.391	24.090	-0.301
100	63	23.615	23.732	0.117
100	64	23.190	23.339	0.149
105	65	23.939	23.988	0.049
105	66	23.270	23.286	0.016
105	67	23.860	23.775	-0.085
105	68	23.976	23.594	-0.382
105	69	23.875	23.689	-0.186
	Max	24.656	24.368	0.297
	Average	23.687	23.680	-0.008
	Min	23.136	23.128	-0.382
	Std Dev	0.354	0.305	0.133



	4.10_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.278	23.242	23.541	23.427	23.189	23.333	23.128	23.338	23.514	23.248	23.286
Average	23.603	23.512	23.814	23.925	23.560	23.863	23.571	23.564	23.820	23.545	23.666
Max	23.930	23.702	24.173	24.169	23.996	24.368	23.922	23.844	24.143	24.090	23.988
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

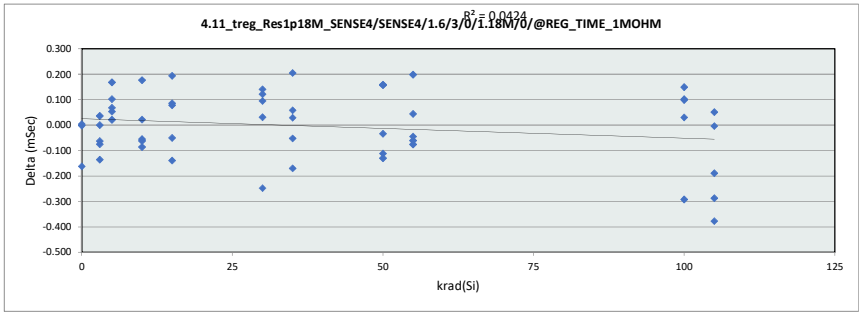


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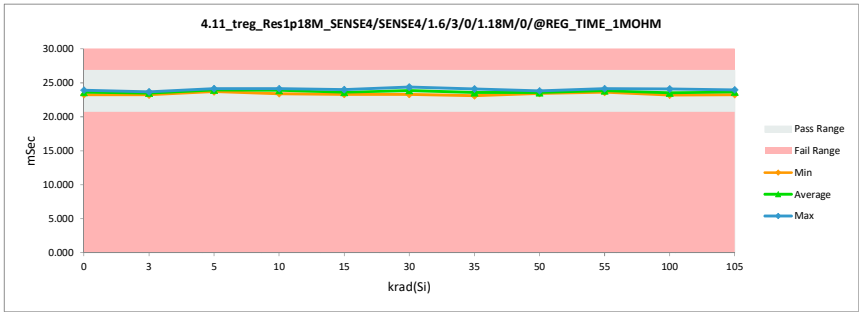
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.11_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.576	23.580	0.004
0	14	23.254	23.252	-0.002
0	15	24.077	23.915	-0.162
3	20	23.291	23.216	-0.075
3	21	23.567	23.567	0.000
3	22	23.653	23.590	-0.063
3	23	23.642	23.678	0.036
3	24	23.563	23.427	-0.136
5	25	24.089	24.142	0.053
5	26	23.973	24.075	0.102
5	27	23.535	23.703	0.168
5	28	23.640	23.708	0.068
5	29	23.995	24.016	0.021
10	30	23.656	23.833	0.177
10	31	24.170	24.108	-0.062
10	32	24.099	24.121	0.022
10	33	23.463	23.408	-0.055
10	34	24.096	24.010	-0.086
15	35	23.371	23.321	-0.050
15	36	23.522	23.716	0.194
15	37	23.624	23.710	0.086
15	38	24.113	23.974	-0.139
15	39	23.211	23.289	0.078
30	40	23.155	23.296	0.141
30	41	23.472	23.503	0.031
30	42	24.611	24.363	-0.248
30	43	23.896	24.018	0.122
30	44	24.021	24.116	0.095
35	45	23.875	24.080	0.205
35	46	23.590	23.619	0.029
35	47	23.880	23.710	-0.170
35	48	23.297	23.355	0.058
35	49	23.156	23.104	-0.052
50	50	23.254	23.411	0.157
50	51	23.810	23.698	-0.112
50	52	23.949	23.819	-0.130
50	53	23.513	23.479	-0.034
50	54	23.322	23.481	0.159
55	55	23.561	23.605	0.044
55	56	23.941	23.880	-0.061
55	57	24.166	24.121	-0.045
55	58	23.714	23.912	0.198
55	59	23.719	23.643	-0.076
100	60	23.261	23.291	0.030
100	61	23.110	23.209	0.099
100	62	24.365	24.073	-0.292
100	63	23.634	23.736	0.102
100	64	23.164	23.313	0.149
105	65	23.914	23.965	0.051
105	66	23.265	23.261	-0.004
105	67	24.020	23.733	-0.287
105	68	23.951	23.574	-0.377
105	69	23.851	23.662	-0.189
	Max	24.611	24.363	0.205
	Average	23.691	23.687	-0.004
	Min	23.110	23.104	-0.377
	Std Dev	0.350	0.308	0.134



	4.11_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.252	23.216	23.703	23.408	23.289	23.296	23.104	23.411	23.605	23.209	23.261
Average	23.582	23.496	23.929	23.896	23.602	23.859	23.574	23.578	23.832	23.524	23.639
Max	23.915	23.678	24.142	24.121	23.974	24.363	24.080	23.819	24.121	24.073	23.965
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

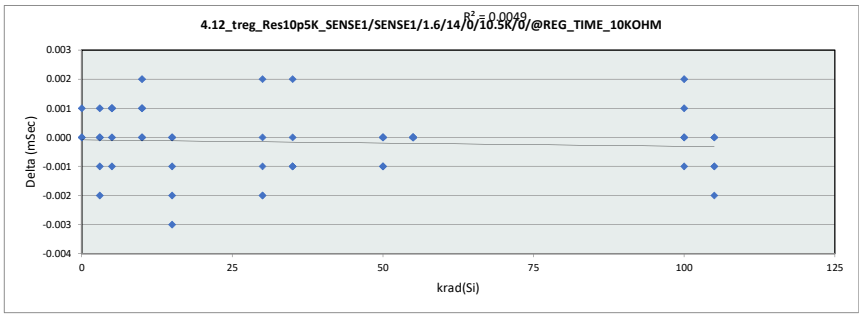


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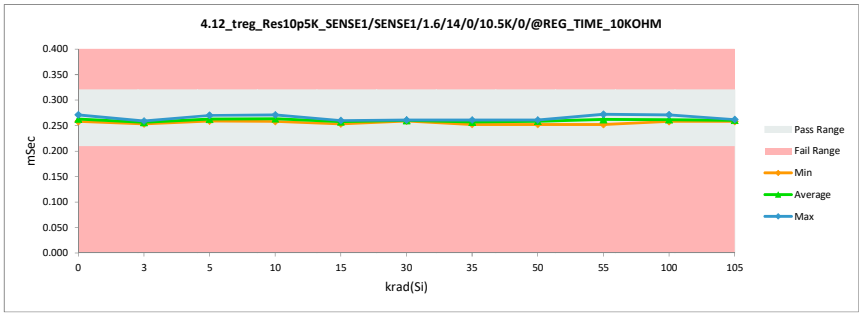
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.12_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.259	0.260	0.001
0	14	0.258	0.258	0.000
0	15	0.271	0.271	0.000
3	20	0.259	0.259	0.000
3	21	0.254	0.253	-0.001
3	22	0.261	0.259	-0.002
3	23	0.253	0.254	0.001
3	24	0.257	0.257	0.000
5	25	0.269	0.270	0.001
5	26	0.262	0.263	0.001
5	27	0.260	0.259	-0.001
5	28	0.259	0.259	0.000
5	29	0.261	0.262	0.001
10	30	0.269	0.271	0.002
10	31	0.267	0.268	0.001
10	32	0.260	0.260	0.000
10	33	0.260	0.261	0.001
10	34	0.258	0.258	0.000
15	35	0.259	0.259	0.000
15	36	0.260	0.259	-0.001
15	37	0.256	0.253	-0.003
15	38	0.260	0.260	0.000
15	39	0.260	0.258	-0.002
30	40	0.259	0.259	0.000
30	41	0.259	0.261	0.002
30	42	0.262	0.260	-0.002
30	43	0.261	0.259	-0.002
30	44	0.262	0.261	-0.001
35	45	0.262	0.261	-0.001
35	46	0.253	0.252	-0.001
35	47	0.260	0.259	-0.001
35	48	0.253	0.255	0.002
35	49	0.258	0.258	0.000
50	50	0.259	0.259	0.000
50	51	0.261	0.261	0.000
50	52	0.260	0.260	0.000
50	53	0.253	0.252	-0.001
50	54	0.260	0.259	-0.001
55	55	0.260	0.260	0.000
55	56	0.262	0.262	0.000
55	57	0.272	0.272	0.000
55	58	0.263	0.263	0.000
55	59	0.252	0.252	0.000
100	60	0.258	0.260	0.002
100	61	0.260	0.259	-0.001
100	62	0.270	0.271	0.001
100	63	0.260	0.260	0.000
100	64	0.258	0.258	0.000
105	65	0.260	0.259	-0.001
105	66	0.259	0.258	-0.001
105	67	0.261	0.261	0.000
105	68	0.261	0.261	0.000
105	69	0.264	0.262	-0.002
	Max	0.272	0.272	0.002
	Average	0.260	0.260	0.000
	Min	0.252	0.252	-0.003
	Std Dev	0.004	0.005	0.001



	4.12_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.258	0.253	0.259	0.258	0.253	0.259	0.252	0.252	0.252	0.258	0.258
Average	0.263	0.256	0.263	0.264	0.258	0.260	0.257	0.258	0.262	0.262	0.260
Max	0.271	0.259	0.270	0.271	0.260	0.261	0.261	0.261	0.272	0.271	0.262
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

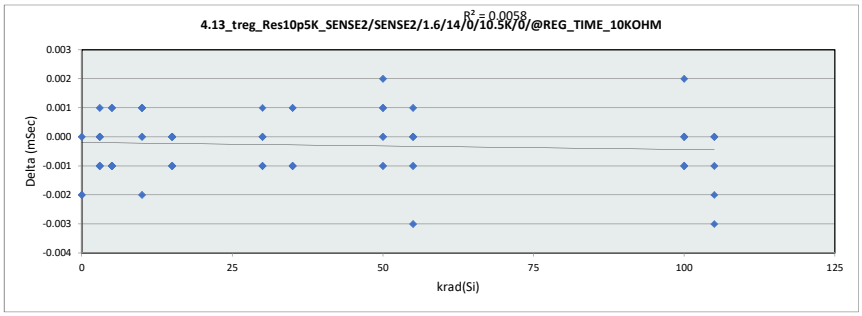


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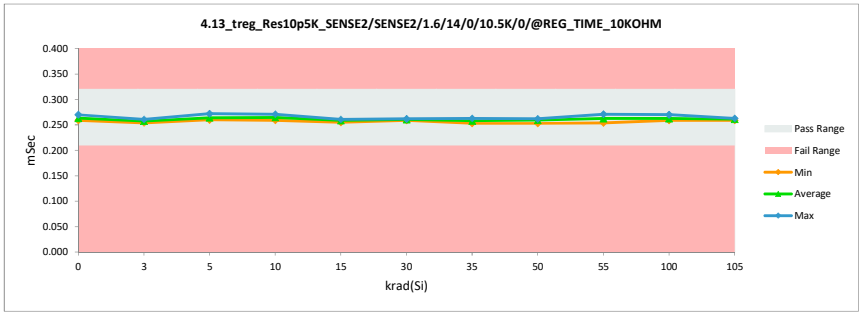
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.13_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.261	0.000
0	14	0.261	0.259	-0.002
0	15	0.272	0.270	-0.002
3	20	0.259	0.259	0.000
3	21	0.255	0.255	0.000
3	22	0.262	0.261	-0.001
3	23	0.255	0.254	-0.001
3	24	0.257	0.258	0.001
5	25	0.271	0.272	0.001
5	26	0.265	0.264	-0.001
5	27	0.261	0.260	-0.001
5	28	0.261	0.260	-0.001
5	29	0.263	0.264	0.001
10	30	0.270	0.271	0.001
10	31	0.269	0.269	0.000
10	32	0.261	0.262	0.001
10	33	0.262	0.263	0.001
10	34	0.261	0.259	-0.002
15	35	0.259	0.259	0.000
15	36	0.259	0.259	0.000
15	37	0.255	0.255	0.000
15	38	0.262	0.261	-0.001
15	39	0.261	0.260	-0.001
30	40	0.261	0.260	-0.001
30	41	0.261	0.262	0.001
30	42	0.260	0.260	0.000
30	43	0.260	0.259	-0.001
30	44	0.262	0.262	0.000
35	45	0.264	0.263	-0.001
35	46	0.254	0.253	-0.001
35	47	0.260	0.261	0.001
35	48	0.254	0.255	0.001
35	49	0.259	0.258	-0.001
50	50	0.258	0.260	0.002
50	51	0.261	0.262	0.001
50	52	0.262	0.261	-0.001
50	53	0.253	0.253	0.000
50	54	0.259	0.260	0.001
55	55	0.261	0.262	0.001
55	56	0.263	0.263	0.000
55	57	0.274	0.271	-0.003
55	58	0.264	0.263	-0.001
55	59	0.254	0.254	0.000
100	60	0.261	0.261	0.000
100	61	0.260	0.260	0.000
100	62	0.271	0.270	-0.001
100	63	0.261	0.263	0.002
100	64	0.260	0.259	-0.001
105	65	0.260	0.260	0.000
105	66	0.259	0.259	0.000
105	67	0.264	0.262	-0.002
105	68	0.264	0.263	-0.001
105	69	0.265	0.262	-0.003
	Max	0.274	0.272	0.002
	Average	0.261	0.261	0.000
	Min	0.253	0.253	-0.003
	Std Dev	0.005	0.004	0.001



	4.13_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.259	0.254	0.260	0.259	0.255	0.259	0.253	0.253	0.254	0.259	0.259
Average	0.263	0.257	0.264	0.265	0.259	0.261	0.258	0.259	0.263	0.263	0.261
Max	0.270	0.261	0.272	0.271	0.261	0.262	0.263	0.262	0.271	0.270	0.263
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

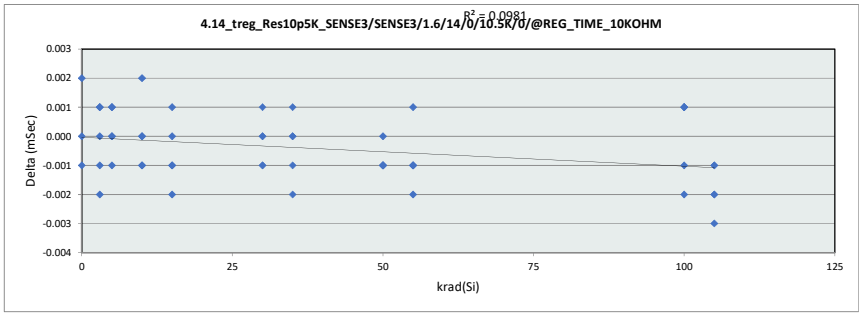


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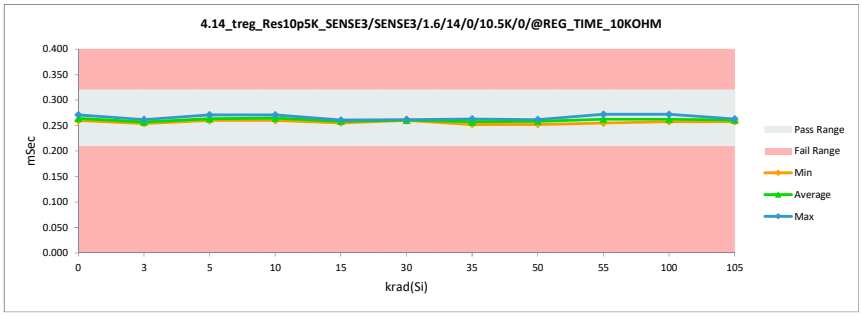
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.14_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.260	-0.001
0	14	0.259	0.261	0.002
0	15	0.271	0.271	0.000
3	20	0.260	0.258	-0.002
3	21	0.255	0.254	-0.001
3	22	0.261	0.262	0.001
3	23	0.254	0.254	0.000
3	24	0.257	0.258	0.001
5	25	0.270	0.271	0.001
5	26	0.264	0.263	-0.001
5	27	0.260	0.260	0.000
5	28	0.259	0.260	0.001
5	29	0.263	0.263	0.000
10	30	0.271	0.270	-0.001
10	31	0.269	0.271	0.002
10	32	0.262	0.261	-0.001
10	33	0.262	0.262	0.000
10	34	0.260	0.260	0.000
15	35	0.260	0.259	-0.001
15	36	0.261	0.259	-0.002
15	37	0.254	0.255	0.001
15	38	0.262	0.261	-0.001
15	39	0.259	0.259	0.000
30	40	0.261	0.260	-0.001
30	41	0.262	0.261	-0.001
30	42	0.260	0.260	0.000
30	43	0.259	0.260	0.001
30	44	0.262	0.262	0.000
35	45	0.264	0.263	-0.001
35	46	0.254	0.252	-0.002
35	47	0.260	0.261	0.001
35	48	0.254	0.254	0.000
35	49	0.258	0.258	0.000
50	50	0.260	0.259	-0.001
50	51	0.263	0.262	-0.001
50	52	0.261	0.260	-0.001
50	53	0.252	0.252	0.000
50	54	0.260	0.259	-0.001
55	55	0.262	0.261	-0.001
55	56	0.263	0.262	-0.001
55	57	0.274	0.272	-0.002
55	58	0.264	0.263	-0.001
55	59	0.254	0.255	0.001
100	60	0.260	0.261	0.001
100	61	0.260	0.259	-0.001
100	62	0.271	0.272	0.001
100	63	0.261	0.262	0.001
100	64	0.260	0.258	-0.002
105	65	0.262	0.260	-0.002
105	66	0.260	0.258	-0.002
105	67	0.264	0.263	-0.001
105	68	0.263	0.262	-0.001
105	69	0.265	0.262	-0.003
	Max	0.274	0.272	0.002
	Average	0.261	0.261	0.000
	Min	0.252	0.252	-0.003
	Std Dev	0.005	0.005	0.001



	4.14_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.260	0.254	0.260	0.260	0.255	0.260	0.252	0.252	0.255	0.258	0.258
Average	0.264	0.257	0.263	0.265	0.259	0.261	0.258	0.258	0.263	0.262	0.261
Max	0.271	0.262	0.271	0.271	0.261	0.262	0.263	0.262	0.272	0.272	0.263
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

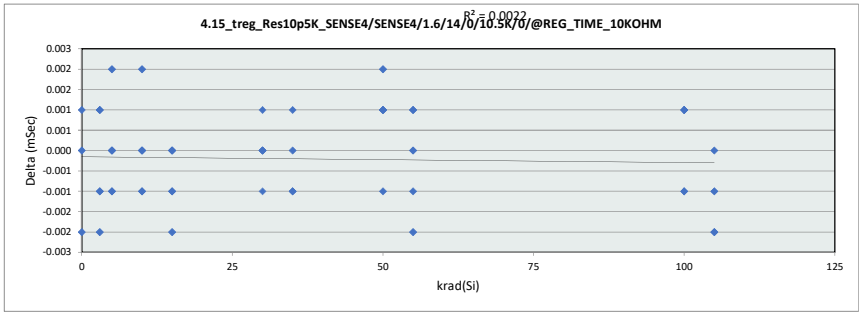


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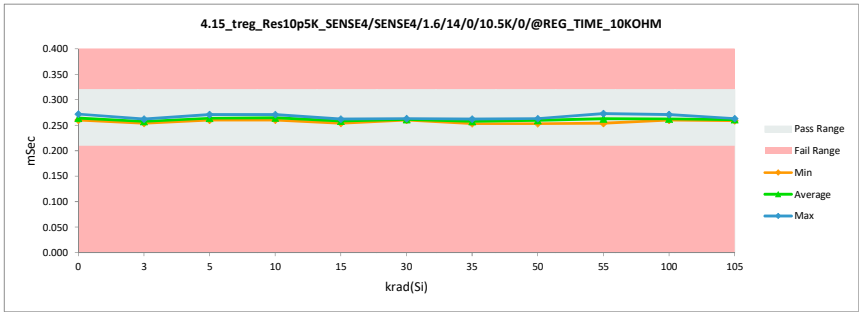
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.15_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.262	0.260	-0.002
0	14	0.260	0.260	0.000
0	15	0.271	0.272	0.001
3	20	0.260	0.259	-0.001
3	21	0.255	0.254	-0.001
3	22	0.261	0.262	0.001
3	23	0.254	0.255	0.001
3	24	0.259	0.257	-0.002
5	25	0.271	0.271	0.000
5	26	0.263	0.265	0.002
5	27	0.261	0.261	0.000
5	28	0.261	0.260	-0.001
5	29	0.263	0.262	-0.001
10	30	0.270	0.270	0.000
10	31	0.269	0.271	0.002
10	32	0.261	0.261	0.000
10	33	0.263	0.262	-0.001
10	34	0.261	0.260	-0.001
15	35	0.259	0.259	0.000
15	36	0.260	0.259	-0.001
15	37	0.255	0.254	-0.001
15	38	0.262	0.262	0.000
15	39	0.261	0.259	-0.002
30	40	0.261	0.261	0.000
30	41	0.262	0.262	0.000
30	42	0.261	0.260	-0.001
30	43	0.260	0.261	0.001
30	44	0.263	0.263	0.000
35	45	0.263	0.262	-0.001
35	46	0.254	0.253	-0.001
35	47	0.260	0.261	0.001
35	48	0.254	0.254	0.000
35	49	0.259	0.258	-0.001
50	50	0.259	0.260	0.001
50	51	0.262	0.263	0.001
50	52	0.260	0.262	0.002
50	53	0.254	0.253	-0.001
50	54	0.259	0.260	0.001
55	55	0.260	0.261	0.001
55	56	0.262	0.263	0.001
55	57	0.274	0.273	-0.001
55	58	0.265	0.263	-0.002
55	59	0.254	0.254	0.000
100	60	0.261	0.260	-0.001
100	61	0.259	0.260	0.001
100	62	0.272	0.271	-0.001
100	63	0.261	0.262	0.001
100	64	0.259	0.260	0.001
105	65	0.261	0.260	-0.001
105	66	0.259	0.259	0.000
105	67	0.264	0.262	-0.002
105	68	0.263	0.261	-0.002
105	69	0.264	0.263	-0.001
	Max	0.274	0.273	0.002
	Average	0.261	0.261	0.000
	Min	0.254	0.253	-0.002
	Std Dev	0.004	0.005	0.001



	4.15_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.260	0.254	0.260	0.260	0.254	0.260	0.253	0.253	0.254	0.260	0.259
Average	0.264	0.257	0.264	0.265	0.259	0.261	0.258	0.260	0.263	0.263	0.261
Max	0.272	0.262	0.271	0.271	0.262	0.263	0.262	0.263	0.273	0.271	0.263
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

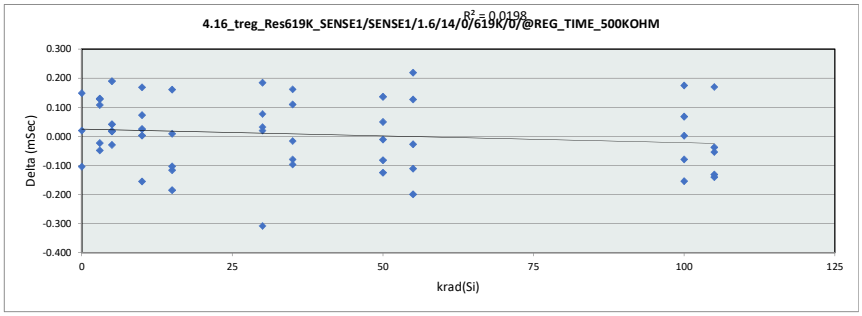


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

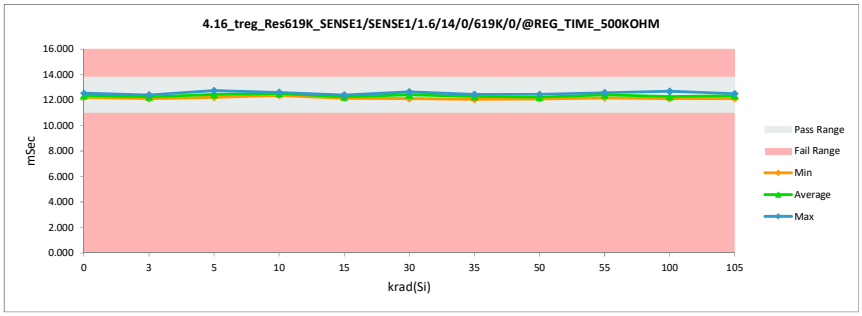
	4.16_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.189	12.338	0.149
0	14	12.203	12.223	0.020
0	15	12.645	12.541	-0.104
3	20	12.071	12.201	0.130
3	21	12.131	12.108	-0.023
3	22	12.452	12.404	-0.048
3	23	12.188	12.316	0.128
3	24	12.175	12.283	0.108
5	25	12.553	12.743	0.190
5	26	12.595	12.566	-0.029
5	27	12.221	12.239	0.018
5	28	12.205	12.222	0.017
5	29	12.367	12.409	0.042
10	30	12.388	12.461	0.073
10	31	12.725	12.570	-0.155
10	32	12.608	12.611	0.003
10	33	12.188	12.357	0.169
10	34	12.562	12.587	0.025
15	35	12.231	12.240	0.009
15	36	12.225	12.386	0.161
15	37	12.327	12.211	-0.116
15	38	12.593	12.408	-0.185
15	39	12.243	12.140	-0.103
30	40	12.080	12.112	0.032
30	41	12.296	12.316	0.020
30	42	12.802	12.494	-0.308
30	43	12.310	12.495	0.185
30	44	12.556	12.633	0.077
35	45	12.529	12.432	-0.097
35	46	12.188	12.350	0.162
35	47	12.338	12.448	0.110
35	48	12.147	12.068	-0.079
35	49	12.168	12.152	-0.016
50	50	12.091	12.141	0.050
50	51	12.323	12.459	0.136
50	52	12.409	12.327	-0.082
50	53	12.212	12.087	-0.125
50	54	12.144	12.133	-0.011
55	55	12.215	12.342	0.127
55	56	12.508	12.397	-0.111
55	57	12.610	12.583	-0.027
55	58	12.335	12.554	0.219
55	59	12.373	12.174	-0.199
100	60	12.275	12.121	-0.154
100	61	12.004	12.179	0.175
100	62	12.694	12.696	0.002
100	63	12.378	12.299	-0.079
100	64	12.043	12.111	0.068
105	65	12.343	12.513	0.170
105	66	12.247	12.116	-0.131
105	67	12.397	12.359	-0.038
105	68	12.524	12.384	-0.140
105	69	12.467	12.413	-0.054
	Max	12.802	12.743	0.219
	Average	12.341	12.348	0.007
	Min	12.004	12.068	-0.308
	Std Dev	0.193	0.176	0.120



	4.16_treg_Res619K_SEN	
Test Site		
Tester		
Test Number		
Max Limit	13.8	mSec
Min Limit	11	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.223	12.108	12.222	12.357	12.140	12.112	12.068	12.087	12.174	12.111	12.116
Average	12.367	12.262	12.436	12.517	12.277	12.410	12.290	12.229	12.410	12.281	12.357
Max	12.541	12.404	12.743	12.611	12.408	12.633	12.448	12.459	12.583	12.696	12.513
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

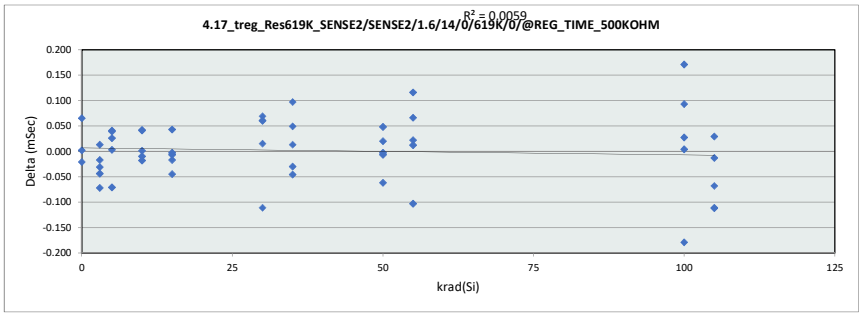


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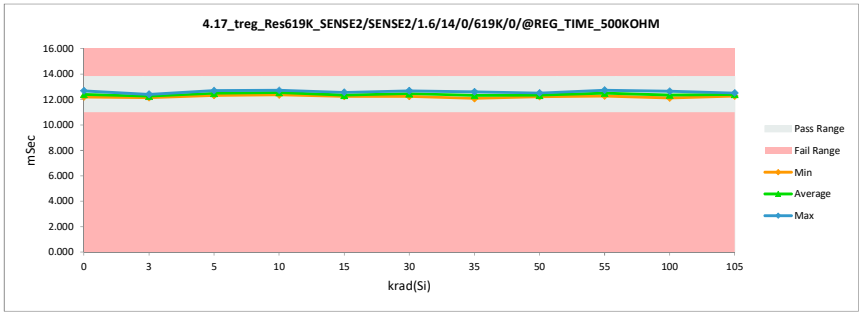
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.17_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.282	12.347	0.065
0	14	12.219	12.198	-0.021
0	15	12.678	12.680	0.002
3	20	12.184	12.140	-0.044
3	21	12.234	12.217	-0.017
3	22	12.432	12.401	-0.031
3	23	12.299	12.312	0.013
3	24	12.268	12.196	-0.072
5	25	12.654	12.695	0.041
5	26	12.591	12.520	-0.071
5	27	12.318	12.321	0.003
5	28	12.291	12.330	0.039
5	29	12.531	12.557	0.026
10	30	12.545	12.535	-0.010
10	31	12.681	12.723	0.042
10	32	12.598	12.599	0.001
10	33	12.372	12.354	-0.018
10	34	12.512	12.553	0.041
15	35	12.265	12.248	-0.017
15	36	12.311	12.304	-0.007
15	37	12.339	12.294	-0.045
15	38	12.519	12.562	0.043
15	39	12.269	12.266	-0.003
30	40	12.190	12.251	0.061
30	41	12.305	12.320	0.015
30	42	12.783	12.672	-0.111
30	43	12.395	12.464	0.069
30	44	12.530	12.590	0.060
35	45	12.508	12.605	0.097
35	46	12.314	12.327	0.013
35	47	12.478	12.432	-0.046
35	48	12.156	12.205	0.049
35	49	12.112	12.082	-0.030
50	50	12.248	12.241	-0.007
50	51	12.398	12.446	0.048
50	52	12.564	12.502	-0.062
50	53	12.224	12.221	-0.003
50	54	12.253	12.273	0.020
55	55	12.358	12.380	0.022
55	56	12.481	12.547	0.066
55	57	12.714	12.726	0.012
55	58	12.406	12.522	0.116
55	59	12.369	12.266	-0.103
100	60	12.193	12.220	0.027
100	61	12.113	12.117	0.004
100	62	12.818	12.639	-0.179
100	63	12.299	12.470	0.171
100	64	12.182	12.275	0.093
105	65	12.452	12.481	0.029
105	66	12.267	12.254	-0.013
105	67	12.572	12.504	-0.068
105	68	12.498	12.387	-0.111
105	69	12.445	12.333	-0.112
	Max	12.818	12.726	0.171
	Average	12.397	12.398	0.002
	Min	12.112	12.082	-0.179
	Std Dev	0.175	0.170	0.063



	4.17_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.198	12.140	12.321	12.354	12.248	12.251	12.082	12.221	12.266	12.117	12.254
Average	12.408	12.253	12.485	12.553	12.335	12.459	12.330	12.337	12.488	12.344	12.392
Max	12.680	12.401	12.695	12.723	12.562	12.672	12.605	12.502	12.726	12.639	12.504
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

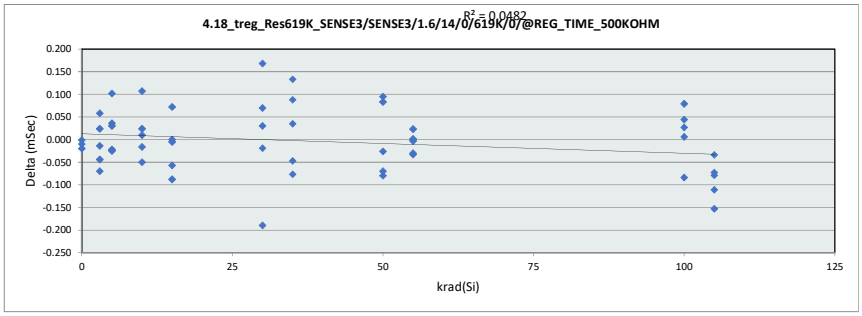


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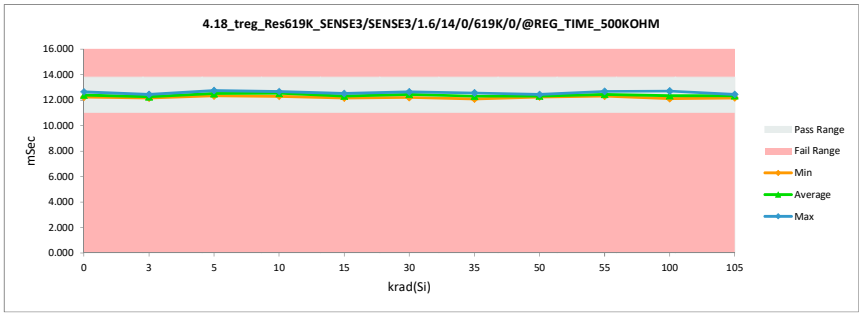
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.18_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.323	12.303	-0.020
0	14	12.242	12.232	-0.010
0	15	12.648	12.647	-0.001
3	20	12.211	12.167	-0.044
3	21	12.270	12.256	-0.014
3	22	12.385	12.443	0.058
3	23	12.242	12.266	0.024
3	24	12.303	12.233	-0.070
5	25	12.652	12.754	0.102
5	26	12.606	12.581	-0.025
5	27	12.358	12.336	-0.022
5	28	12.336	12.372	0.036
5	29	12.490	12.520	0.030
10	30	12.491	12.598	0.107
10	31	12.648	12.672	0.024
10	32	12.556	12.566	0.010
10	33	12.311	12.295	-0.016
10	34	12.579	12.529	-0.050
15	35	12.258	12.170	-0.088
15	36	12.355	12.350	-0.005
15	37	12.271	12.343	0.072
15	38	12.578	12.521	-0.057
15	39	12.206	12.206	0.000
30	40	12.216	12.197	-0.019
30	41	12.246	12.276	0.030
30	42	12.800	12.610	-0.190
30	43	12.446	12.516	0.070
30	44	12.484	12.652	0.168
35	45	12.465	12.553	0.088
35	46	12.258	12.293	0.035
35	47	12.459	12.382	-0.077
35	48	12.102	12.235	0.133
35	49	12.134	12.087	-0.047
50	50	12.183	12.278	0.095
50	51	12.449	12.379	-0.070
50	52	12.524	12.444	-0.080
50	53	12.171	12.254	0.083
50	54	12.267	12.241	-0.026
55	55	12.306	12.307	0.001
55	56	12.526	12.493	-0.033
55	57	12.720	12.690	-0.030
55	58	12.461	12.484	0.023
55	59	12.318	12.315	-0.003
100	60	12.227	12.254	0.027
100	61	12.068	12.112	0.044
100	62	12.802	12.718	-0.084
100	63	12.344	12.423	0.079
100	64	12.215	12.221	0.006
105	65	12.512	12.439	-0.073
105	66	12.205	12.171	-0.034
105	67	12.530	12.451	-0.079
105	68	12.454	12.343	-0.111
105	69	12.497	12.344	-0.153
	Max	12.802	12.754	0.168
	Average	12.391	12.387	-0.004
	Min	12.068	12.087	-0.190
	Std Dev	0.178	0.169	0.070



	4.18_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.232	12.167	12.336	12.295	12.170	12.197	12.087	12.241	12.307	12.112	12.171
Average	12.394	12.273	12.513	12.532	12.318	12.450	12.310	12.319	12.458	12.346	12.350
Max	12.647	12.443	12.754	12.672	12.521	12.652	12.553	12.444	12.690	12.718	12.451
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

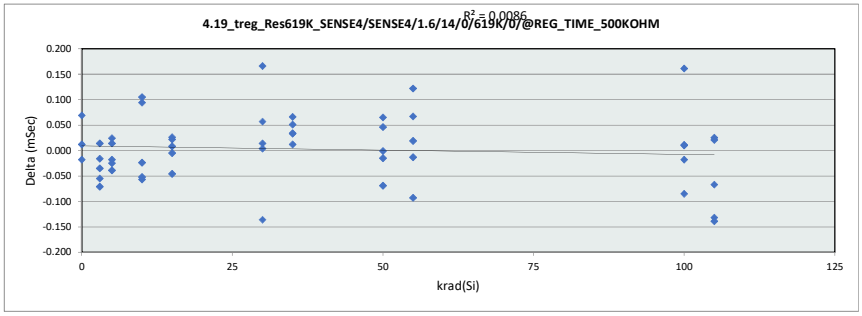


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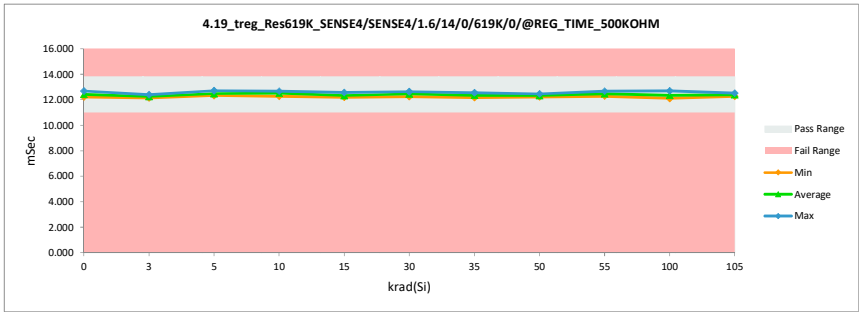
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.19_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.363	12.375	0.012
0	14	12.226	12.208	-0.018
0	15	12.618	12.687	0.069
3	20	12.179	12.144	-0.035
3	21	12.244	12.228	-0.016
3	22	12.455	12.400	-0.055
3	23	12.312	12.326	0.014
3	24	12.281	12.210	-0.071
5	25	12.727	12.709	-0.018
5	26	12.584	12.559	-0.025
5	27	12.318	12.332	0.014
5	28	12.314	12.338	0.024
5	29	12.534	12.495	-0.039
10	30	12.475	12.569	0.094
10	31	12.730	12.673	-0.057
10	32	12.531	12.636	0.105
10	33	12.292	12.268	-0.024
10	34	12.556	12.504	-0.052
15	35	12.256	12.264	0.008
15	36	12.324	12.319	-0.005
15	37	12.357	12.311	-0.046
15	38	12.551	12.573	0.022
15	39	12.178	12.204	0.026
30	40	12.195	12.252	0.057
30	41	12.318	12.322	0.004
30	42	12.752	12.616	-0.136
30	43	12.479	12.493	0.014
30	44	12.461	12.627	0.166
35	45	12.539	12.551	0.012
35	46	12.327	12.361	0.034
35	47	12.420	12.453	0.033
35	48	12.148	12.199	0.051
35	49	12.107	12.173	0.066
50	50	12.254	12.253	-0.001
50	51	12.393	12.458	0.065
50	52	12.497	12.428	-0.069
50	53	12.241	12.226	-0.015
50	54	12.263	12.309	0.046
55	55	12.282	12.301	0.019
55	56	12.496	12.563	0.067
55	57	12.766	12.673	-0.093
55	58	12.434	12.556	0.122
55	59	12.299	12.286	-0.013
100	60	12.202	12.213	0.011
100	61	12.134	12.116	-0.018
100	62	12.777	12.692	-0.085
100	63	12.315	12.476	0.161
100	64	12.188	12.198	0.010
105	65	12.487	12.512	0.025
105	66	12.242	12.263	0.021
105	67	12.570	12.503	-0.067
105	68	12.526	12.387	-0.139
105	69	12.473	12.341	-0.132
	Max	12.777	12.709	0.166
	Average	12.396	12.399	0.003
	Min	12.107	12.116	-0.139
	Std Dev	0.176	0.167	0.065



	4.19_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.208	12.144	12.332	12.268	12.204	12.252	12.173	12.226	12.286	12.116	12.263
Average	12.423	12.262	12.487	12.530	12.334	12.462	12.347	12.335	12.476	12.339	12.401
Max	12.687	12.400	12.709	12.673	12.573	12.627	12.551	12.458	12.673	12.692	12.512
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

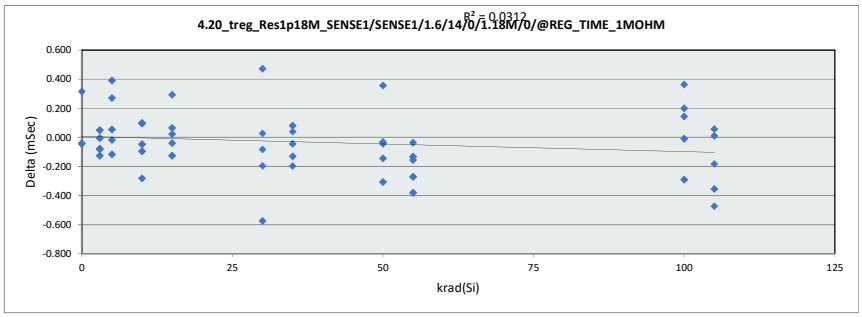


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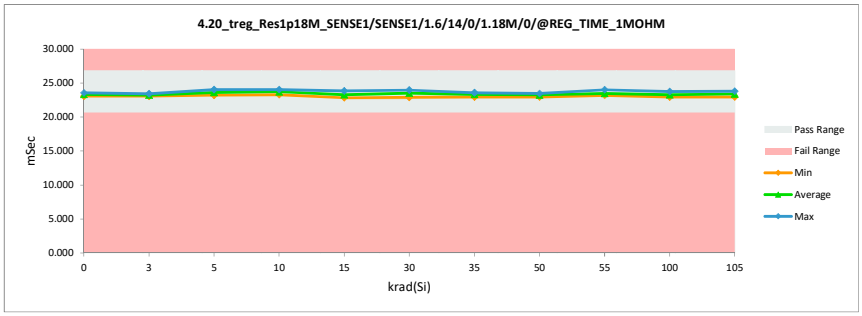
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.20_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.086	23.401	0.315
0	14	23.112	23.072	-0.040
0	15	23.617	23.571	-0.046
3	20	23.149	23.072	-0.077
3	21	23.447	23.442	-0.005
3	22	23.330	23.247	-0.083
3	23	23.159	23.208	0.049
3	24	23.407	23.280	-0.127
5	25	23.985	24.039	0.054
5	26	23.621	23.892	0.271
5	27	23.226	23.208	-0.018
5	28	23.155	23.546	0.391
5	29	23.651	23.533	-0.118
10	30	23.552	23.650	0.098
10	31	24.077	23.981	-0.096
10	32	23.959	24.054	0.095
10	33	23.334	23.286	-0.048
10	34	23.993	23.711	-0.282
15	35	22.877	22.837	-0.040
15	36	23.167	23.189	0.022
15	37	23.298	23.590	0.292
15	38	23.987	23.860	-0.127
15	39	22.858	22.922	0.064
30	40	22.988	22.905	-0.083
30	41	23.325	23.352	0.027
30	42	24.464	23.889	-0.575
30	43	23.748	23.551	-0.197
30	44	23.512	23.984	0.472
35	45	23.746	23.548	-0.198
35	46	23.288	23.327	0.039
35	47	23.725	23.594	-0.131
35	48	23.153	23.234	0.081
35	49	22.998	22.952	-0.046
50	50	22.910	23.266	0.356
50	51	23.657	23.349	-0.308
50	52	23.611	23.466	-0.145
50	53	23.375	23.342	-0.033
50	54	22.998	22.954	-0.044
55	55	23.359	23.202	-0.157
55	56	23.793	23.521	-0.272
55	57	24.051	24.014	-0.037
55	58	23.573	23.439	-0.134
55	59	23.583	23.201	-0.382
100	60	22.951	22.941	-0.010
100	61	22.734	23.097	0.363
100	62	24.042	23.751	-0.291
100	63	23.464	23.607	0.143
100	64	22.818	23.018	0.200
105	65	23.759	23.815	0.056
105	66	22.938	22.947	0.009
105	67	23.844	23.371	-0.473
105	68	23.786	23.430	-0.356
105	69	23.672	23.489	-0.183
	Max	24.464	24.054	0.472
	Average	23.451	23.418	-0.033
	Min	22.734	22.837	-0.575
	Std Dev	0.395	0.330	0.214



	4.20_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.072	23.072	23.208	23.286	22.837	22.905	22.952	22.954	23.201	22.941	22.947
Average	23.348	23.250	23.644	23.736	23.280	23.536	23.331	23.275	23.475	23.283	23.410
Max	23.571	23.442	24.039	24.054	23.860	23.984	23.594	23.466	24.014	23.751	23.815
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

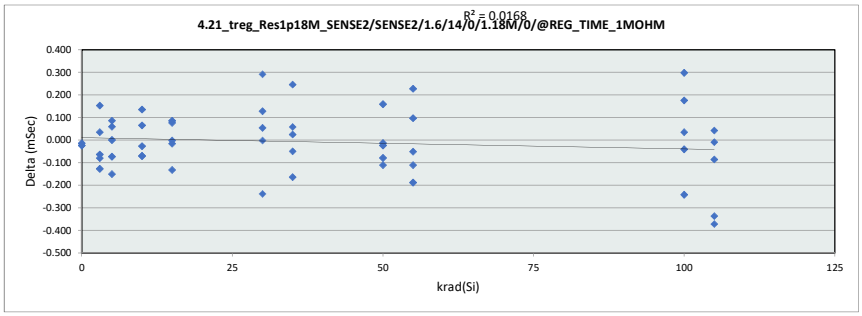


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

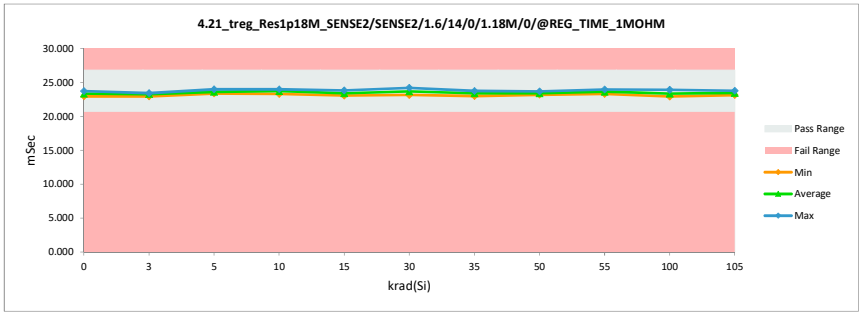
	4.21_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.442	23.419	-0.023
0	14	22.956	22.942	-0.014
0	15	23.764	23.739	-0.025
3	20	23.017	22.937	-0.080
3	21	23.281	23.434	0.153
3	22	23.505	23.441	-0.064
3	23	23.341	23.376	0.035
3	24	23.421	23.294	-0.127
5	25	23.925	24.011	0.086
5	26	23.801	23.728	-0.073
5	27	23.407	23.407	0.000
5	28	23.333	23.392	0.059
5	29	23.836	23.685	-0.151
10	30	23.536	23.671	0.135
10	31	24.022	23.952	-0.070
10	32	23.939	24.004	0.065
10	33	23.336	23.309	-0.027
10	34	23.949	23.878	-0.071
15	35	23.078	23.062	-0.016
15	36	23.385	23.383	-0.002
15	37	23.490	23.575	0.085
15	38	23.954	23.822	-0.132
15	39	23.089	23.165	0.076
30	40	23.028	23.156	0.128
30	41	23.321	23.375	0.054
30	42	24.447	24.209	-0.238
30	43	23.709	23.707	-0.002
30	44	23.677	23.968	0.291
35	45	23.724	23.749	0.025
35	46	23.469	23.527	0.058
35	47	23.733	23.569	-0.164
35	48	23.005	23.251	0.246
35	49	23.039	22.989	-0.050
50	50	23.119	23.278	0.159
50	51	23.630	23.551	-0.079
50	52	23.791	23.680	-0.111
50	53	23.396	23.372	-0.024
50	54	23.212	23.199	-0.013
55	55	23.415	23.304	-0.111
55	56	23.774	23.871	0.097
55	57	24.020	23.969	-0.051
55	58	23.564	23.791	0.227
55	59	23.577	23.389	-0.188
100	60	23.127	23.162	0.035
100	61	22.974	22.933	-0.041
100	62	24.168	23.926	-0.242
100	63	23.303	23.601	0.298
100	64	23.045	23.221	0.176
105	65	23.739	23.781	0.042
105	66	23.162	23.153	-0.009
105	67	23.661	23.575	-0.086
105	68	23.788	23.416	-0.372
105	69	23.670	23.334	-0.336
	Max	24.447	24.209	0.298
	Average	23.511	23.502	-0.009
	Min	22.956	22.933	-0.372
	Std Dev	0.347	0.314	0.139



	4.21_treg_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	22.942	22.937	23.392	23.309	23.062	23.156	22.989	23.199	23.304	22.933	23.153
Average	23.367	23.296	23.645	23.763	23.401	23.683	23.417	23.416	23.665	23.369	23.452
Max	23.739	23.441	24.011	24.004	23.822	24.209	23.749	23.680	23.969	23.926	23.781
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

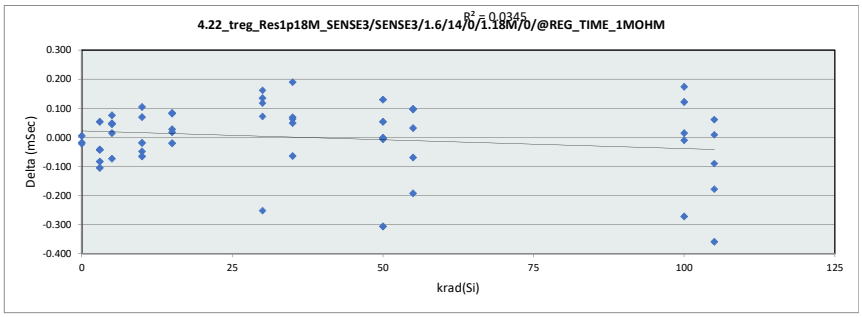


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

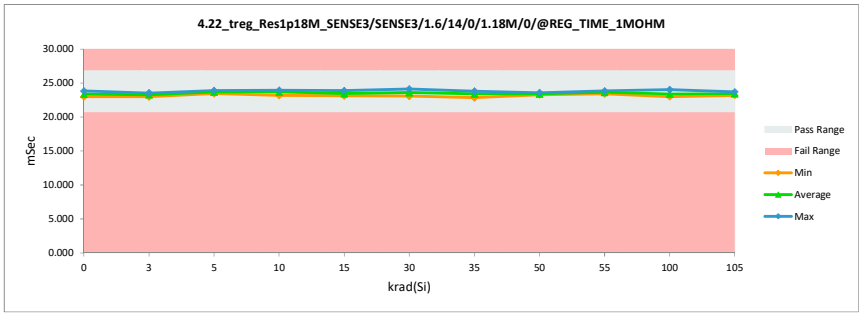
	4.22_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.346	23.329	-0.017
0	14	23.019	22.997	-0.022
0	15	23.846	23.851	0.005
3	20	23.082	22.999	-0.083
3	21	23.347	23.304	-0.043
3	22	23.590	23.548	-0.042
3	23	23.422	23.476	0.054
3	24	23.290	23.185	-0.105
5	25	23.853	23.929	0.076
5	26	23.901	23.828	-0.073
5	27	23.476	23.491	0.015
5	28	23.410	23.456	0.046
5	29	23.750	23.798	0.048
10	30	23.625	23.577	-0.048
10	31	23.945	23.880	-0.065
10	32	23.859	23.929	0.070
10	33	23.203	23.184	-0.019
10	34	23.862	23.967	0.105
15	35	23.144	23.124	-0.020
15	36	23.450	23.468	0.018
15	37	23.572	23.656	0.084
15	38	23.865	23.893	0.028
15	39	23.152	23.234	0.082
30	40	22.921	23.083	0.162
30	41	23.212	23.284	0.072
30	42	24.385	24.133	-0.252
30	43	23.660	23.778	0.118
30	44	23.748	23.883	0.135
35	45	23.632	23.822	0.190
35	46	23.552	23.615	0.063
35	47	23.618	23.667	0.049
35	48	23.074	23.143	0.069
35	49	22.916	22.852	-0.064
50	50	23.190	23.320	0.130
50	51	23.555	23.609	0.054
50	52	23.891	23.585	-0.306
50	53	23.262	23.256	-0.006
50	54	23.277	23.276	-0.001
55	55	23.296	23.394	0.098
55	56	23.686	23.782	0.096
55	57	23.937	23.868	-0.069
55	58	23.647	23.679	0.032
55	59	23.659	23.467	-0.192
100	60	23.237	23.227	-0.010
100	61	23.001	23.016	0.015
100	62	24.303	24.031	-0.272
100	63	23.383	23.505	0.122
100	64	23.113	23.287	0.174
105	65	23.662	23.723	0.061
105	66	23.209	23.218	0.009
105	67	23.749	23.659	-0.090
105	68	23.672	23.313	-0.359
105	69	23.577	23.399	-0.178
	Max	24.385	24.133	0.190
	Average	23.510	23.509	-0.001
	Min	22.916	22.852	-0.359
	Std Dev	0.334	0.310	0.118



	4.22_treg_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	22.997	22.999	23.456	23.184	23.124	23.083	22.852	23.256	23.394	23.016	23.218
Average	23.392	23.302	23.700	23.707	23.475	23.632	23.420	23.409	23.638	23.413	23.462
Max	23.851	23.548	23.929	23.967	23.893	24.133	23.822	23.609	23.868	24.031	23.723
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

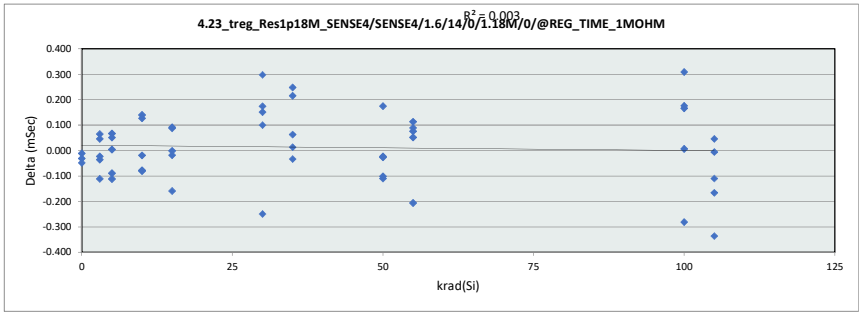


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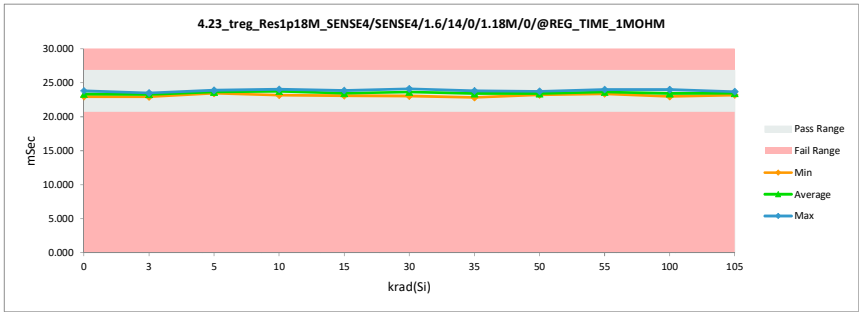
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.23_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.323	23.275	-0.048
0	14	22.995	22.964	-0.031
0	15	23.832	23.821	-0.011
3	20	23.054	22.943	-0.111
3	21	23.313	23.290	-0.023
3	22	23.546	23.510	-0.036
3	23	23.385	23.450	0.065
3	24	23.291	23.337	0.046
5	25	24.014	23.902	-0.112
5	26	23.877	23.788	-0.089
5	27	23.461	23.465	0.004
5	28	23.385	23.452	0.067
5	29	23.720	23.771	0.051
10	30	23.594	23.734	0.140
10	31	23.917	24.044	0.127
10	32	23.981	23.903	-0.078
10	33	23.194	23.175	-0.019
10	34	24.029	23.949	-0.080
15	35	23.118	23.100	-0.018
15	36	23.441	23.440	-0.001
15	37	23.543	23.635	0.092
15	38	24.033	23.874	-0.159
15	39	23.116	23.204	0.088
30	40	22.877	23.051	0.174
30	41	23.201	23.301	0.100
30	42	24.359	24.110	-0.249
30	43	23.626	23.777	0.151
30	44	23.746	24.044	0.298
35	45	23.608	23.823	0.215
35	46	23.525	23.588	0.063
35	47	23.615	23.628	0.013
35	48	23.053	23.301	0.248
35	49	22.879	22.846	-0.033
50	50	23.152	23.327	0.175
50	51	23.706	23.605	-0.101
50	52	23.853	23.743	-0.110
50	53	23.258	23.232	-0.026
50	54	23.256	23.233	-0.023
55	55	23.283	23.372	0.089
55	56	23.658	23.734	0.076
55	57	23.911	24.024	0.113
55	58	23.621	23.673	0.052
55	59	23.640	23.434	-0.206
100	60	23.201	23.208	0.007
100	61	22.824	22.990	0.166
100	62	24.274	23.993	-0.281
100	63	23.357	23.666	0.309
100	64	23.086	23.262	0.176
105	65	23.641	23.687	0.046
105	66	23.200	23.194	-0.006
105	67	23.728	23.618	-0.110
105	68	23.672	23.336	-0.336
105	69	23.549	23.383	-0.166
	Max	24.359	24.110	0.309
	Average	23.500	23.513	0.013
	Min	22.824	22.846	-0.336
	Std Dev	0.357	0.323	0.137



	4.23_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	22.964	22.943	23.452	23.175	23.100	23.051	22.846	23.232	23.372	22.990	23.194
Average	23.353	23.306	23.676	23.761	23.451	23.657	23.437	23.428	23.647	23.424	23.444
Max	23.821	23.510	23.902	24.044	23.874	24.110	23.823	23.743	24.024	23.993	23.687
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

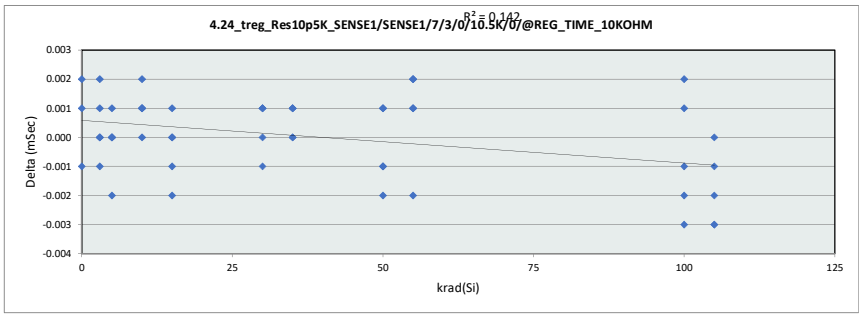


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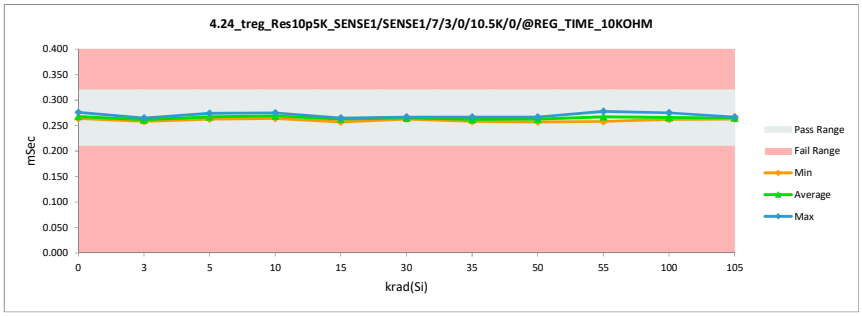
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.24_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.264	-0.001
0	14	0.262	0.264	0.002
0	15	0.275	0.276	0.001
3	20	0.262	0.264	0.002
3	21	0.258	0.258	0.000
3	22	0.265	0.265	0.000
3	23	0.257	0.258	0.001
3	24	0.263	0.262	-0.001
5	25	0.274	0.274	0.000
5	26	0.268	0.268	0.000
5	27	0.265	0.263	-0.002
5	28	0.263	0.264	0.001
5	29	0.267	0.267	0.000
10	30	0.273	0.275	0.002
10	31	0.273	0.274	0.001
10	32	0.264	0.265	0.001
10	33	0.266	0.267	0.001
10	34	0.264	0.264	0.000
15	35	0.264	0.264	0.000
15	36	0.263	0.264	0.001
15	37	0.259	0.257	-0.002
15	38	0.266	0.265	-0.001
15	39	0.264	0.264	0.000
30	40	0.265	0.265	0.000
30	41	0.265	0.266	0.001
30	42	0.264	0.263	-0.001
30	43	0.264	0.265	0.001
30	44	0.266	0.267	0.001
35	45	0.266	0.267	0.001
35	46	0.258	0.258	0.000
35	47	0.264	0.265	0.001
35	48	0.258	0.258	0.000
35	49	0.261	0.262	0.001
50	50	0.265	0.263	-0.002
50	51	0.266	0.267	0.001
50	52	0.264	0.263	-0.001
50	53	0.258	0.257	-0.001
50	54	0.263	0.264	0.001
55	55	0.264	0.265	0.001
55	56	0.266	0.268	0.002
55	57	0.276	0.278	0.002
55	58	0.269	0.267	-0.002
55	59	0.257	0.258	0.001
100	60	0.264	0.266	0.002
100	61	0.265	0.262	-0.003
100	62	0.274	0.275	0.001
100	63	0.267	0.265	-0.002
100	64	0.263	0.262	-0.001
105	65	0.264	0.264	0.000
105	66	0.264	0.263	-0.001
105	67	0.269	0.266	-0.003
105	68	0.268	0.265	-0.003
105	69	0.269	0.267	-0.002
	Max	0.276	0.278	0.002
	Average	0.265	0.265	0.000
	Min	0.257	0.257	-0.003
	Std Dev	0.004	0.005	0.001



	4.24_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.264	0.258	0.263	0.264	0.257	0.263	0.258	0.257	0.258	0.262	0.263
Average	0.268	0.261	0.267	0.269	0.263	0.265	0.262	0.263	0.267	0.266	0.265
Max	0.276	0.265	0.274	0.275	0.265	0.267	0.267	0.267	0.278	0.275	0.267
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

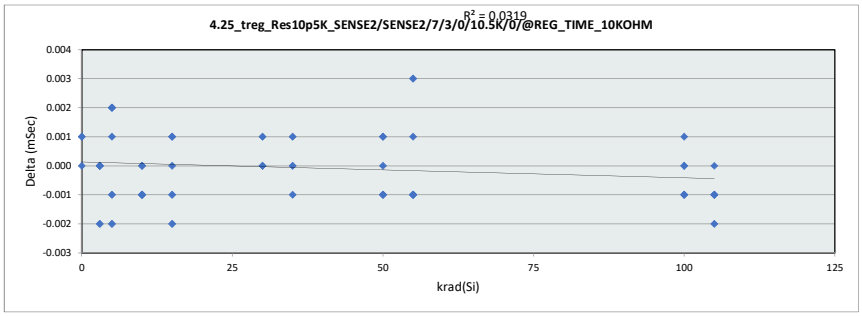


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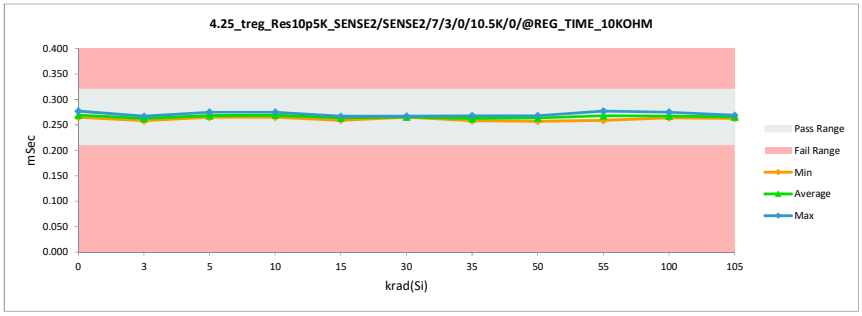
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.25_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.266	0.000
0	14	0.264	0.265	0.001
0	15	0.276	0.277	0.001
3	20	0.264	0.264	0.000
3	21	0.260	0.258	-0.002
3	22	0.267	0.267	0.000
3	23	0.260	0.260	0.000
3	24	0.264	0.264	0.000
5	25	0.277	0.275	-0.002
5	26	0.268	0.269	0.001
5	27	0.266	0.265	-0.001
5	28	0.264	0.266	0.002
5	29	0.266	0.268	0.002
10	30	0.275	0.274	-0.001
10	31	0.275	0.275	0.000
10	32	0.266	0.265	-0.001
10	33	0.268	0.267	-0.001
10	34	0.265	0.265	0.000
15	35	0.265	0.263	-0.002
15	36	0.264	0.265	0.001
15	37	0.259	0.259	0.000
15	38	0.268	0.267	-0.001
15	39	0.264	0.265	0.001
30	40	0.266	0.267	0.001
30	41	0.266	0.266	0.000
30	42	0.265	0.265	0.000
30	43	0.264	0.265	0.001
30	44	0.267	0.267	0.000
35	45	0.267	0.268	0.001
35	46	0.257	0.258	0.001
35	47	0.265	0.265	0.000
35	48	0.260	0.259	-0.001
35	49	0.263	0.263	0.000
50	50	0.264	0.263	-0.001
50	51	0.267	0.268	0.001
50	52	0.265	0.266	0.001
50	53	0.257	0.257	0.000
50	54	0.264	0.263	-0.001
55	55	0.267	0.266	-0.001
55	56	0.266	0.269	0.003
55	57	0.278	0.277	-0.001
55	58	0.270	0.269	-0.001
55	59	0.258	0.259	0.001
100	60	0.265	0.266	0.001
100	61	0.265	0.265	0.000
100	62	0.276	0.275	-0.001
100	63	0.268	0.267	-0.001
100	64	0.264	0.264	0.000
105	65	0.266	0.265	-0.001
105	66	0.264	0.263	-0.001
105	67	0.268	0.267	-0.001
105	68	0.268	0.266	-0.002
105	69	0.269	0.269	0.000
	Max	0.278	0.277	0.003
	Average	0.266	0.266	0.000
	Min	0.257	0.257	-0.002
	Std Dev	0.005	0.005	0.001



	4.25_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.265	0.258	0.265	0.265	0.259	0.265	0.258	0.257	0.259	0.264	0.263
Average	0.269	0.263	0.269	0.269	0.264	0.266	0.263	0.263	0.268	0.267	0.266
Max	0.277	0.267	0.275	0.275	0.267	0.267	0.268	0.268	0.277	0.275	0.269
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

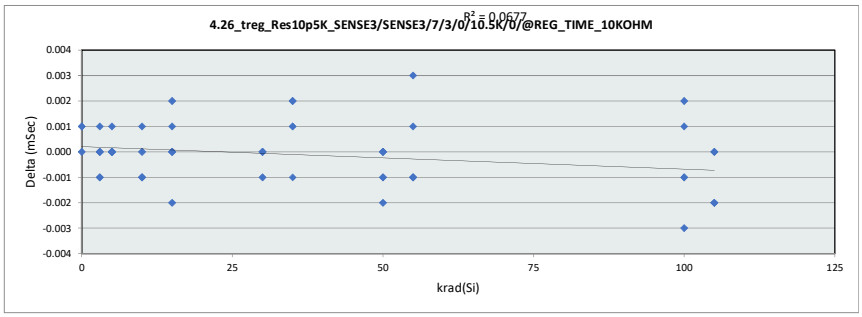


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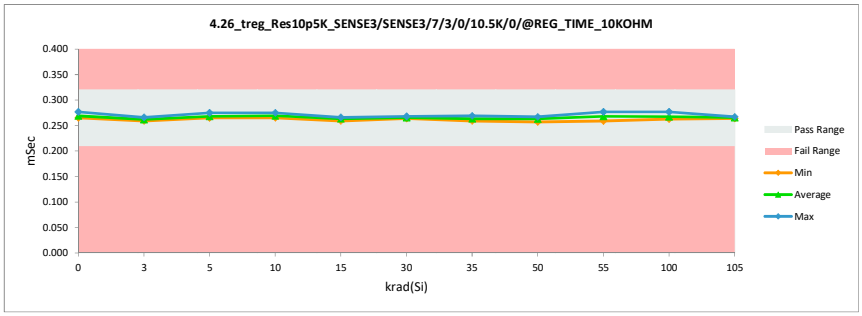
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.26_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.265	0.265	0.000
0	14	0.264	0.265	0.001
0	15	0.276	0.277	0.001
3	20	0.263	0.263	0.000
3	21	0.260	0.259	-0.001
3	22	0.267	0.266	-0.001
3	23	0.258	0.259	0.001
3	24	0.263	0.263	0.000
5	25	0.275	0.275	0.000
5	26	0.268	0.268	0.000
5	27	0.264	0.265	0.001
5	28	0.265	0.265	0.000
5	29	0.267	0.267	0.000
10	30	0.276	0.275	-0.001
10	31	0.274	0.274	0.000
10	32	0.266	0.265	-0.001
10	33	0.268	0.267	-0.001
10	34	0.265	0.266	0.001
15	35	0.265	0.263	-0.002
15	36	0.264	0.264	0.000
15	37	0.258	0.259	0.001
15	38	0.266	0.266	0.000
15	39	0.264	0.266	0.002
30	40	0.267	0.266	-0.001
30	41	0.267	0.266	-0.001
30	42	0.265	0.265	0.000
30	43	0.264	0.264	0.000
30	44	0.268	0.268	0.000
35	45	0.268	0.269	0.001
35	46	0.258	0.259	0.001
35	47	0.264	0.266	0.002
35	48	0.260	0.259	-0.001
35	49	0.262	0.264	0.002
50	50	0.266	0.264	-0.002
50	51	0.267	0.267	0.000
50	52	0.266	0.265	-0.001
50	53	0.258	0.257	-0.001
50	54	0.263	0.263	0.000
55	55	0.267	0.266	-0.001
55	56	0.266	0.269	0.003
55	57	0.278	0.277	-0.001
55	58	0.269	0.270	0.001
55	59	0.260	0.259	-0.001
100	60	0.265	0.264	-0.001
100	61	0.266	0.263	-0.003
100	62	0.276	0.277	0.001
100	63	0.267	0.269	0.002
100	64	0.266	0.265	-0.001
105	65	0.265	0.265	0.000
105	66	0.264	0.264	0.000
105	67	0.269	0.267	-0.002
105	68	0.268	0.266	-0.002
105	69	0.269	0.267	-0.002
	Max	0.278	0.277	0.003
	Average	0.266	0.266	0.000
	Min	0.258	0.257	-0.003
	Std Dev	0.005	0.005	0.001



	4.26_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.265	0.259	0.265	0.265	0.259	0.264	0.259	0.257	0.259	0.263	0.264
Average	0.269	0.262	0.268	0.269	0.264	0.266	0.263	0.263	0.268	0.268	0.266
Max	0.277	0.266	0.275	0.275	0.266	0.268	0.269	0.267	0.277	0.277	0.267
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

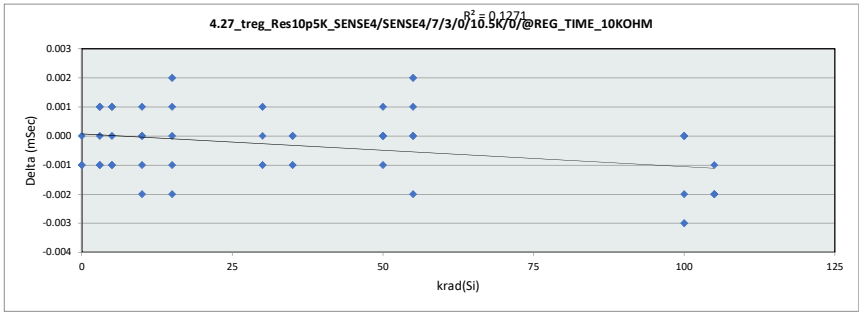


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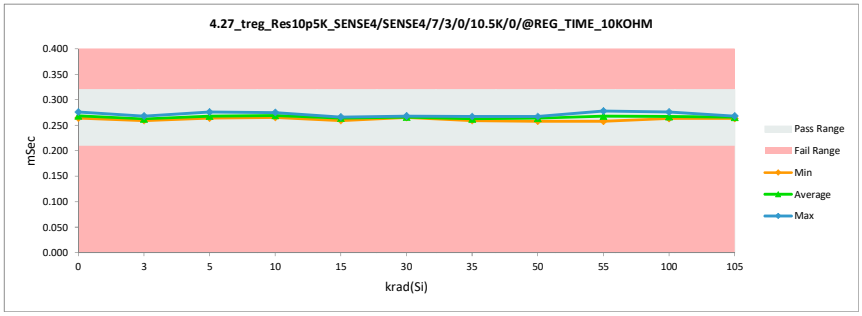
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.27_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.266	0.265	-0.001
0	14	0.265	0.264	-0.001
0	15	0.276	0.276	0.000
3	20	0.263	0.263	0.000
3	21	0.260	0.259	-0.001
3	22	0.267	0.268	0.001
3	23	0.259	0.260	0.001
3	24	0.264	0.263	-0.001
5	25	0.275	0.276	0.001
5	26	0.268	0.268	0.000
5	27	0.265	0.264	-0.001
5	28	0.265	0.264	-0.001
5	29	0.267	0.268	0.001
10	30	0.275	0.275	0.000
10	31	0.274	0.274	0.000
10	32	0.265	0.266	0.001
10	33	0.268	0.266	-0.002
10	34	0.266	0.265	-0.001
15	35	0.265	0.264	-0.001
15	36	0.264	0.265	0.001
15	37	0.259	0.259	0.000
15	38	0.268	0.266	-0.002
15	39	0.264	0.266	0.002
30	40	0.267	0.266	-0.001
30	41	0.267	0.268	0.001
30	42	0.266	0.265	-0.001
30	43	0.264	0.265	0.001
30	44	0.267	0.267	0.000
35	45	0.267	0.267	0.000
35	46	0.259	0.259	0.000
35	47	0.266	0.265	-0.001
35	48	0.260	0.260	0.000
35	49	0.263	0.262	-0.001
50	50	0.265	0.264	-0.001
50	51	0.267	0.267	0.000
50	52	0.265	0.265	0.000
50	53	0.257	0.258	0.001
50	54	0.265	0.265	0.000
55	55	0.267	0.265	-0.002
55	56	0.266	0.268	0.002
55	57	0.277	0.278	0.001
55	58	0.269	0.269	0.000
55	59	0.258	0.258	0.000
100	60	0.266	0.266	0.000
100	61	0.266	0.264	-0.002
100	62	0.276	0.276	0.000
100	63	0.267	0.267	0.000
100	64	0.266	0.263	-0.003
105	65	0.267	0.265	-0.002
105	66	0.265	0.263	-0.002
105	67	0.268	0.267	-0.001
105	68	0.268	0.266	-0.002
105	69	0.270	0.268	-0.002
	Max	0.277	0.278	0.002
	Average	0.266	0.266	0.000
	Min	0.257	0.258	-0.003
	Std Dev	0.004	0.005	0.001



	4.27_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.264	0.259	0.264	0.265	0.259	0.265	0.259	0.258	0.258	0.263	0.263
Average	0.268	0.263	0.268	0.269	0.264	0.266	0.263	0.264	0.268	0.267	0.266
Max	0.276	0.268	0.276	0.275	0.266	0.268	0.267	0.267	0.278	0.276	0.268
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

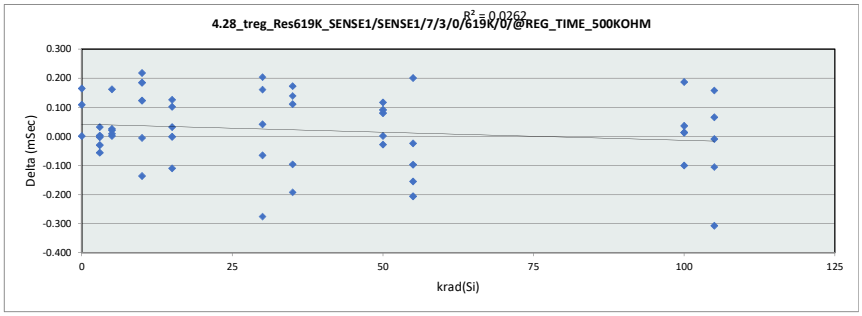


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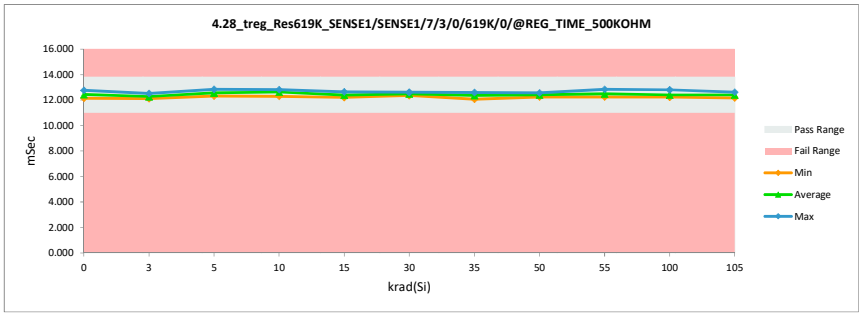
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.28_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.316	12.425	0.109
0	14	12.148	12.149	0.001
0	15	12.601	12.766	0.165
3	20	12.174	12.118	-0.056
3	21	12.205	12.237	0.032
3	22	12.530	12.528	-0.002
3	23	12.278	12.281	0.003
3	24	12.260	12.230	-0.030
5	25	12.830	12.851	0.021
5	26	12.544	12.706	0.162
5	27	12.321	12.323	0.002
5	28	12.469	12.478	0.009
5	29	12.464	12.490	0.026
10	30	12.465	12.683	0.218
10	31	12.822	12.817	-0.005
10	32	12.541	12.726	0.185
10	33	12.437	12.301	-0.136
10	34	12.525	12.648	0.123
15	35	12.318	12.208	-0.110
15	36	12.311	12.310	-0.001
15	37	12.417	12.449	0.032
15	38	12.553	12.655	0.102
15	39	12.217	12.343	0.126
30	40	12.159	12.363	0.204
30	41	12.285	12.446	0.161
30	42	12.889	12.613	-0.276
30	43	12.402	12.444	0.042
30	44	12.653	12.588	-0.065
35	45	12.495	12.606	0.111
35	46	12.389	12.293	-0.096
35	47	12.412	12.551	0.139
35	48	12.108	12.281	0.173
35	49	12.265	12.073	-0.192
50	50	12.314	12.394	0.080
50	51	12.579	12.551	-0.028
50	52	12.490	12.581	0.091
50	53	12.199	12.316	0.117
50	54	12.248	12.250	0.002
55	55	12.446	12.291	-0.155
55	56	12.601	12.504	-0.097
55	57	12.867	12.843	-0.024
55	58	12.417	12.618	0.201
55	59	12.460	12.254	-0.206
100	60	12.227	12.241	0.014
100	61	12.094	12.281	0.187
100	62	12.792	12.805	0.013
100	63	12.477	12.377	-0.100
100	64	12.317	12.353	0.036
105	65	12.465	12.623	0.158
105	66	12.176	12.167	-0.009
105	67	12.498	12.564	0.066
105	68	12.619	12.312	-0.307
105	69	12.451	12.346	-0.105
	Max	12.889	12.851	0.218
	Average	12.425	12.446	0.021
	Min	12.094	12.073	-0.307
	Std Dev	0.196	0.202	0.123



	4.28_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.149	12.118	12.323	12.301	12.208	12.363	12.073	12.250	12.254	12.241	12.167
Average	12.447	12.279	12.570	12.635	12.393	12.491	12.361	12.418	12.502	12.411	12.402
Max	12.766	12.528	12.851	12.817	12.655	12.613	12.606	12.581	12.843	12.805	12.623
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

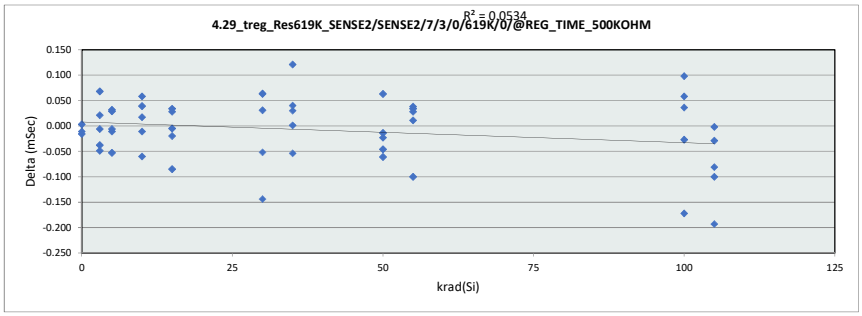


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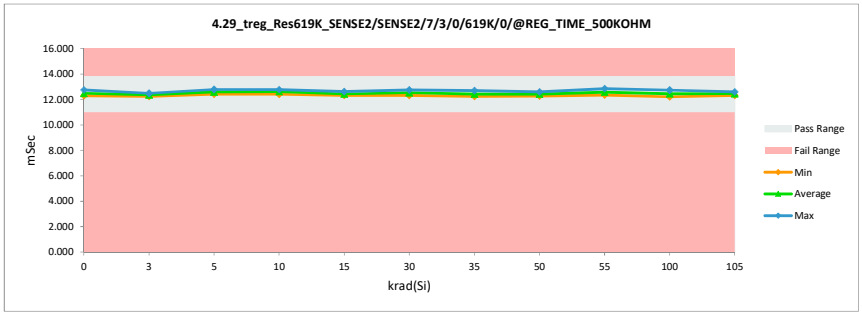
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.29_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.449	12.438	-0.011
0	14	12.280	12.283	0.003
0	15	12.755	12.739	-0.016
3	20	12.281	12.232	-0.049
3	21	12.304	12.372	0.068
3	22	12.519	12.481	-0.038
3	23	12.376	12.397	0.021
3	24	12.349	12.343	-0.006
5	25	12.756	12.788	0.032
5	26	12.635	12.629	-0.006
5	27	12.490	12.479	-0.011
5	28	12.467	12.414	-0.053
5	29	12.619	12.648	0.029
10	30	12.619	12.677	0.058
10	31	12.748	12.765	0.017
10	32	12.627	12.666	0.039
10	33	12.421	12.410	-0.011
10	34	12.685	12.625	-0.060
15	35	12.345	12.325	-0.020
15	36	12.487	12.402	-0.085
15	37	12.419	12.453	0.034
15	38	12.619	12.614	-0.005
15	39	12.350	12.378	0.028
30	40	12.256	12.319	0.063
30	41	12.398	12.429	0.031
30	42	12.890	12.746	-0.144
30	43	12.573	12.521	-0.052
30	44	12.614	12.678	0.064
35	45	12.566	12.687	0.121
35	46	12.386	12.416	0.030
35	47	12.568	12.514	-0.054
35	48	12.245	12.246	0.001
35	49	12.191	12.231	0.040
50	50	12.336	12.322	-0.014
50	51	12.561	12.538	-0.023
50	52	12.650	12.589	-0.061
50	53	12.313	12.267	-0.046
50	54	12.331	12.394	0.063
55	55	12.447	12.485	0.038
55	56	12.568	12.596	0.028
55	57	12.821	12.855	0.034
55	58	12.586	12.597	0.011
55	59	12.448	12.348	-0.100
100	60	12.346	12.382	0.036
100	61	12.233	12.206	-0.027
100	62	12.909	12.737	-0.172
100	63	12.474	12.532	0.058
100	64	12.266	12.364	0.098
105	65	12.540	12.538	-0.002
105	66	12.339	12.310	-0.029
105	67	12.664	12.583	-0.081
105	68	12.586	12.393	-0.193
105	69	12.538	12.438	-0.100
	Max	12.909	12.855	0.121
	Average	12.495	12.487	-0.008
	Min	12.191	12.206	-0.193
	Std Dev	0.174	0.164	0.063



	4.29_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.283	12.232	12.414	12.410	12.325	12.319	12.231	12.267	12.348	12.206	12.310
Average	12.487	12.365	12.592	12.629	12.434	12.539	12.419	12.422	12.576	12.444	12.452
Max	12.739	12.481	12.788	12.765	12.614	12.746	12.687	12.589	12.855	12.737	12.583
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

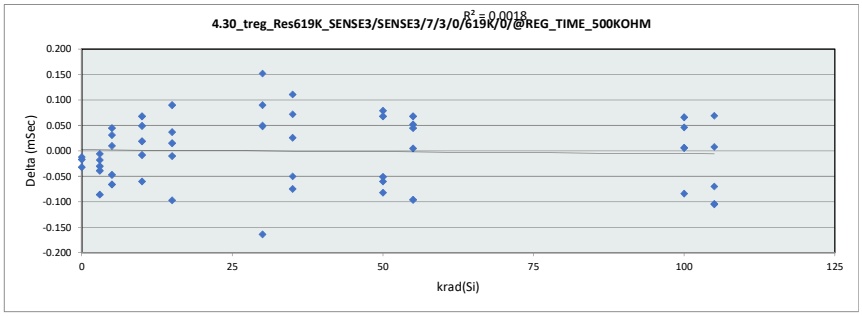


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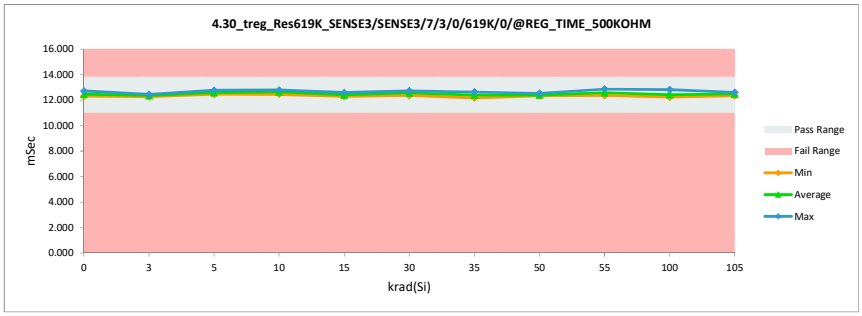
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.30_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.399	12.387	-0.012
0	14	12.336	12.304	-0.032
0	15	12.731	12.714	-0.017
3	20	12.305	12.266	-0.039
3	21	12.348	12.318	-0.030
3	22	12.477	12.459	-0.018
3	23	12.422	12.416	-0.006
3	24	12.396	12.310	-0.086
5	25	12.837	12.771	-0.066
5	26	12.709	12.662	-0.047
5	27	12.449	12.459	0.010
5	28	12.421	12.466	0.045
5	29	12.584	12.615	0.031
10	30	12.585	12.653	0.068
10	31	12.806	12.798	-0.008
10	32	12.707	12.726	0.019
10	33	12.404	12.453	0.049
10	34	12.646	12.586	-0.060
15	35	12.290	12.280	-0.010
15	36	12.425	12.440	0.015
15	37	12.370	12.407	0.037
15	38	12.689	12.592	-0.097
15	39	12.291	12.381	0.090
30	40	12.268	12.358	0.090
30	41	12.344	12.392	0.048
30	42	12.890	12.726	-0.164
30	43	12.534	12.584	0.050
30	44	12.579	12.731	0.152
35	45	12.559	12.631	0.072
35	46	12.422	12.448	0.026
35	47	12.543	12.468	-0.075
35	48	12.181	12.292	0.111
35	49	12.225	12.175	-0.050
50	50	12.277	12.345	0.068
50	51	12.534	12.483	-0.051
50	52	12.620	12.538	-0.082
50	53	12.260	12.339	0.079
50	54	12.390	12.330	-0.060
55	55	12.390	12.435	0.045
55	56	12.631	12.636	0.005
55	57	12.806	12.858	0.052
55	58	12.553	12.621	0.068
55	59	12.457	12.361	-0.096
100	60	12.318	12.324	0.006
100	61	12.167	12.233	0.066
100	62	12.900	12.816	-0.084
100	63	12.442	12.488	0.046
100	64	12.300	12.306	0.006
105	65	12.600	12.608	0.008
105	66	12.268	12.337	0.069
105	67	12.610	12.540	-0.070
105	68	12.552	12.448	-0.104
105	69	12.593	12.488	-0.105
	Max	12.900	12.858	0.152
	Average	12.488	12.487	-0.001
	Min	12.167	12.175	-0.164
	Std Dev	0.185	0.167	0.066



	4.30_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.304	12.266	12.459	12.453	12.280	12.358	12.175	12.330	12.361	12.233	12.337
Average	12.468	12.354	12.595	12.643	12.420	12.558	12.403	12.407	12.582	12.433	12.484
Max	12.714	12.459	12.771	12.798	12.592	12.731	12.631	12.538	12.858	12.816	12.608
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

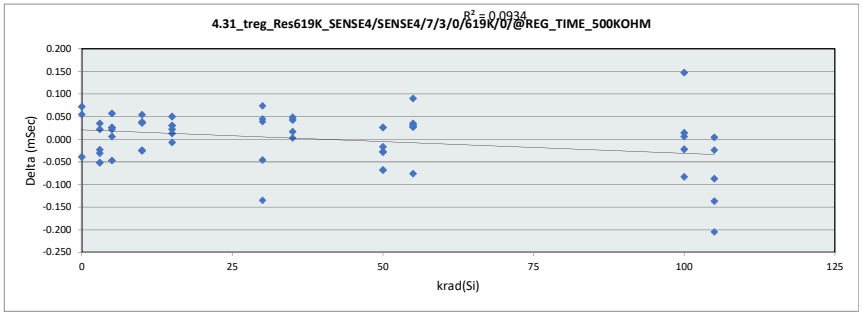


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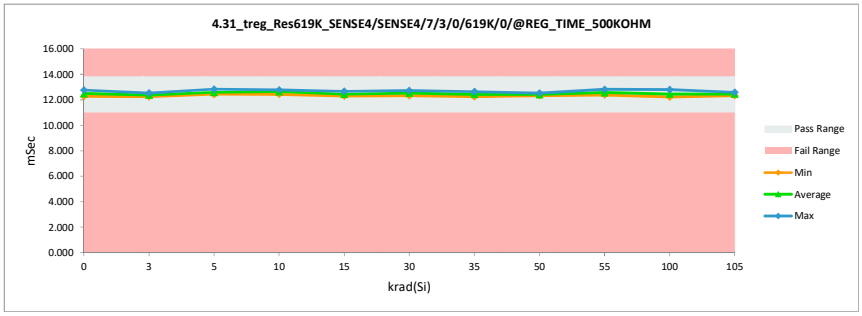
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.31_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.378	12.450	0.072
0	14	12.312	12.273	-0.039
0	15	12.706	12.761	0.055
3	20	12.294	12.242	-0.052
3	21	12.319	12.288	-0.031
3	22	12.552	12.529	-0.023
3	23	12.386	12.421	0.035
3	24	12.339	12.361	0.022
5	25	12.811	12.833	0.022
5	26	12.683	12.636	-0.047
5	27	12.426	12.432	0.006
5	28	12.387	12.444	0.057
5	29	12.563	12.589	0.026
10	30	12.653	12.628	-0.025
10	31	12.805	12.780	-0.025
10	32	12.685	12.723	0.038
10	33	12.376	12.430	0.054
10	34	12.633	12.669	0.036
15	35	12.358	12.351	-0.007
15	36	12.420	12.433	0.013
15	37	12.421	12.471	0.050
15	38	12.642	12.664	0.022
15	39	12.270	12.300	0.030
30	40	12.273	12.318	0.045
30	41	12.414	12.368	-0.046
30	42	12.841	12.706	-0.135
30	43	12.507	12.546	0.039
30	44	12.653	12.727	0.074
35	45	12.630	12.633	0.003
35	46	12.401	12.443	0.042
35	47	12.517	12.534	0.017
35	48	12.222	12.266	0.044
35	49	12.199	12.248	0.049
50	50	12.351	12.323	-0.028
50	51	12.505	12.477	-0.028
50	52	12.596	12.528	-0.068
50	53	12.332	12.315	-0.017
50	54	12.365	12.391	0.026
55	55	12.374	12.405	0.031
55	56	12.606	12.633	0.027
55	57	12.781	12.816	0.035
55	58	12.528	12.618	0.090
55	59	12.445	12.369	-0.076
100	60	12.361	12.375	0.014
100	61	12.237	12.215	-0.022
100	62	12.875	12.792	-0.083
100	63	12.416	12.563	0.147
100	64	12.276	12.282	0.006
105	65	12.578	12.582	0.004
105	66	12.346	12.322	-0.024
105	67	12.598	12.511	-0.087
105	68	12.627	12.422	-0.205
105	69	12.575	12.438	-0.137
	Max	12.875	12.833	0.147
	Average	12.488	12.488	0.000
	Min	12.199	12.215	-0.205
	Std Dev	0.174	0.168	0.061



	4.31_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.273	12.242	12.432	12.430	12.300	12.318	12.248	12.315	12.369	12.215	12.322
Average	12.495	12.368	12.587	12.646	12.444	12.533	12.425	12.407	12.568	12.445	12.455
Max	12.761	12.529	12.833	12.780	12.664	12.727	12.633	12.528	12.816	12.792	12.582
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

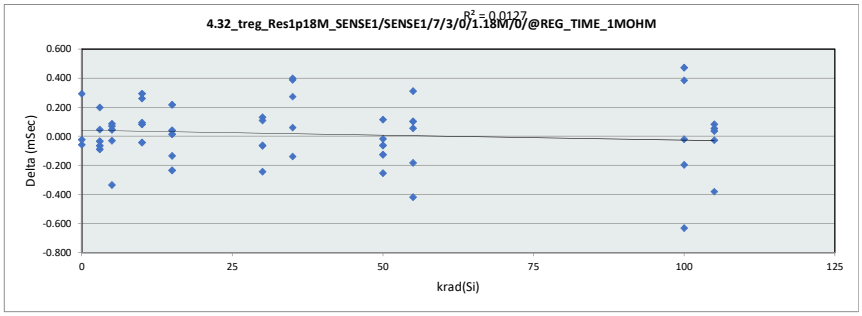


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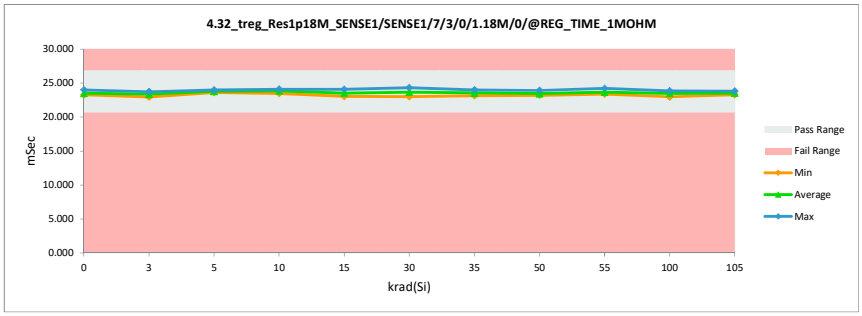
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.32_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.325	23.267	-0.058
0	14	22.970	23.262	0.292
0	15	24.029	24.006	-0.023
3	20	23.063	22.974	-0.089
3	21	23.329	23.264	-0.065
3	22	23.763	23.729	-0.034
3	23	23.352	23.398	0.046
3	24	23.286	23.484	0.198
5	25	23.849	23.919	0.070
5	26	24.102	23.767	-0.335
5	27	23.655	23.625	-0.030
5	28	23.573	23.659	0.086
5	29	23.938	23.983	0.045
10	30	23.792	23.886	0.094
10	31	23.925	23.882	-0.043
10	32	23.841	23.924	0.083
10	33	23.205	23.498	0.293
10	34	23.838	24.098	0.260
15	35	23.289	23.055	-0.234
15	36	23.642	23.656	0.014
15	37	23.742	23.783	0.041
15	38	23.851	24.068	0.217
15	39	23.299	23.164	-0.135
30	40	22.875	23.006	0.131
30	41	23.552	23.309	-0.243
30	42	24.396	24.330	-0.066
30	43	23.629	23.738	0.109
30	44	23.954	23.891	-0.063
35	45	23.613	24.012	0.399
35	46	23.693	23.753	0.060
35	47	23.623	23.484	-0.139
35	48	23.026	23.415	0.389
35	49	22.882	23.155	0.273
50	50	23.341	23.456	0.115
50	51	23.535	23.472	-0.063
50	52	24.053	23.927	-0.126
50	53	23.250	23.232	-0.018
50	54	23.450	23.197	-0.253
55	55	23.267	23.369	0.102
55	56	23.682	23.737	0.055
55	57	23.914	24.225	0.311
55	58	23.814	23.631	-0.183
55	59	23.813	23.395	-0.418
100	60	23.384	23.364	-0.020
100	61	23.177	22.981	-0.196
100	62	24.476	23.845	-0.631
100	63	23.354	23.826	0.472
100	64	23.056	23.441	0.385
105	65	23.639	23.675	0.036
105	66	23.357	23.330	-0.027
105	67	23.744	23.827	0.083
105	68	23.684	23.303	-0.381
105	69	23.550	23.604	0.054
	Max	24.476	24.330	0.472
	Average	23.574	23.590	0.016
	Min	22.875	22.974	-0.631
	Std Dev	0.356	0.333	0.216



	4.32_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.262	22.974	23.625	23.498	23.055	23.006	23.155	23.197	23.369	22.981	23.303
Average	23.512	23.370	23.791	23.858	23.545	23.655	23.564	23.457	23.671	23.491	23.548
Max	24.006	23.729	23.983	24.098	24.068	24.330	24.012	23.927	24.225	23.845	23.827
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

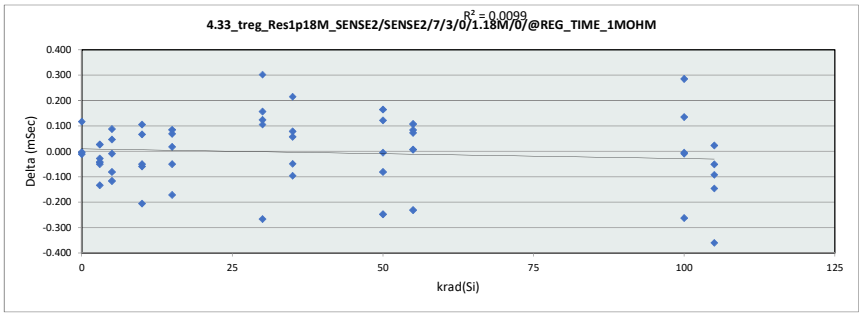


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

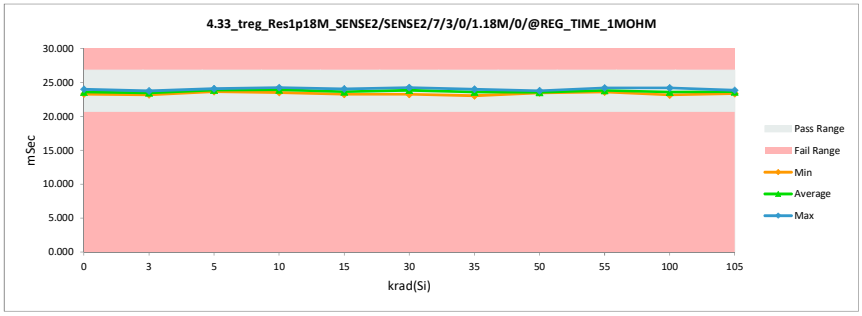
	4.33_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.507	23.504	-0.003
0	14	23.168	23.285	0.117
0	15	24.018	24.007	-0.011
3	20	23.253	23.203	-0.050
3	21	23.527	23.485	-0.042
3	22	23.775	23.747	-0.028
3	23	23.590	23.617	0.027
3	24	23.487	23.354	-0.133
5	25	24.193	24.077	-0.116
5	26	24.080	23.999	-0.081
5	27	23.658	23.649	-0.009
5	28	23.579	23.667	0.088
5	29	23.927	23.974	0.047
10	30	23.793	23.743	-0.050
10	31	24.257	24.052	-0.205
10	32	24.189	24.256	0.067
10	33	23.411	23.517	0.106
10	34	24.194	24.135	-0.059
15	35	23.330	23.280	-0.050
15	36	23.650	23.668	0.018
15	37	23.726	23.811	0.085
15	38	24.221	24.050	-0.171
15	39	23.347	23.416	0.069
30	40	23.117	23.274	0.157
30	41	23.417	23.523	0.106
30	42	24.513	24.247	-0.266
30	43	23.824	23.948	0.124
30	44	23.936	24.238	0.302
35	45	23.927	24.006	0.079
35	46	23.706	23.763	0.057
35	47	23.769	23.673	-0.096
35	48	23.252	23.467	0.215
35	49	23.101	23.052	-0.049
50	50	23.374	23.496	0.122
50	51	23.742	23.661	-0.081
50	52	24.034	23.787	-0.247
50	53	23.459	23.454	-0.005
50	54	23.301	23.466	0.165
55	55	23.498	23.582	0.084
55	56	23.865	23.938	0.073
55	57	24.089	24.197	0.108
55	58	23.833	23.840	0.007
55	59	23.827	23.596	-0.231
100	60	23.435	23.430	-0.005
100	61	23.045	23.180	0.135
100	62	24.461	24.199	-0.262
100	63	23.558	23.843	0.285
100	64	23.297	23.288	-0.009
105	65	23.839	23.862	0.023
105	66	23.412	23.361	-0.051
105	67	23.947	23.855	-0.092
105	68	23.879	23.519	-0.360
105	69	23.774	23.628	-0.146
	Max	24.513	24.256	0.302
	Average	23.700	23.696	-0.005
	Min	23.045	23.052	-0.360
	Std Dev	0.354	0.311	0.137



	4.33_treg_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.285	23.203	23.649	23.517	23.280	23.274	23.052	23.454	23.582	23.180	23.361
Average	23.599	23.481	23.873	23.941	23.645	23.846	23.592	23.573	23.831	23.588	23.645
Max	24.007	23.747	24.077	24.256	24.050	24.247	24.006	23.787	24.197	24.199	23.862
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

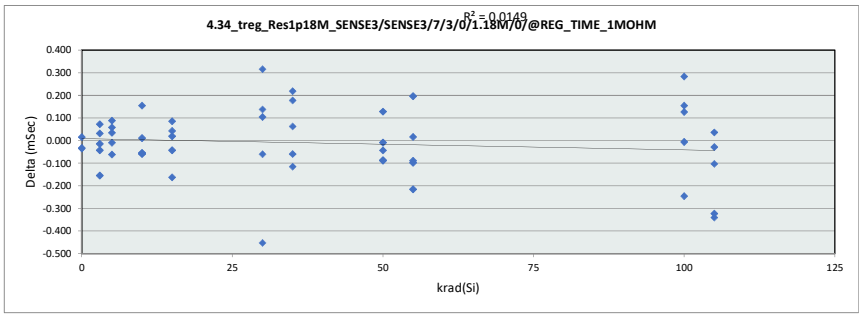


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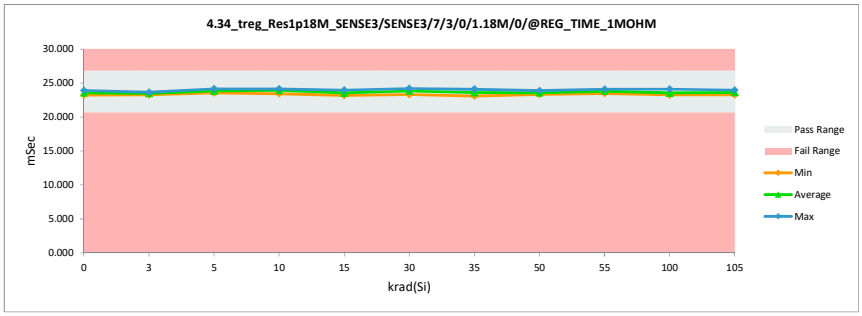
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.34_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.603	23.570	-0.033
0	14	23.279	23.243	-0.036
0	15	23.910	23.925	0.015
3	20	23.181	23.253	0.072
3	21	23.611	23.568	-0.043
3	22	23.666	23.651	-0.015
3	23	23.491	23.522	0.031
3	24	23.578	23.423	-0.155
5	25	24.114	24.172	0.058
5	26	23.983	23.921	-0.062
5	27	23.559	23.549	-0.010
5	28	23.482	23.570	0.088
5	29	23.842	23.876	0.034
10	30	23.684	23.838	0.154
10	31	24.197	24.137	-0.060
10	32	24.122	24.133	0.011
10	33	23.491	23.434	-0.057
10	34	24.115	24.060	-0.055
15	35	23.229	23.186	-0.043
15	36	23.551	23.570	0.019
15	37	23.652	23.694	0.042
15	38	24.142	23.979	-0.163
15	39	23.230	23.315	0.085
30	40	23.185	23.322	0.137
30	41	23.504	23.608	0.104
30	42	24.663	24.210	-0.453
30	43	23.925	23.864	-0.061
30	44	23.853	24.168	0.315
35	45	23.907	24.084	0.177
35	46	23.617	23.679	0.062
35	47	23.882	23.766	-0.116
35	48	23.141	23.359	0.218
35	49	23.168	23.108	-0.060
50	50	23.283	23.411	0.128
50	51	23.841	23.754	-0.087
50	52	23.976	23.887	-0.089
50	53	23.545	23.536	-0.009
50	54	23.378	23.334	-0.044
55	55	23.582	23.484	-0.098
55	56	23.967	23.983	0.016
55	57	24.206	24.117	-0.089
55	58	23.742	23.938	0.196
55	59	23.734	23.518	-0.216
100	60	23.327	23.321	-0.006
100	61	23.137	23.263	0.126
100	62	24.365	24.119	-0.246
100	63	23.472	23.755	0.283
100	64	23.187	23.341	0.154
105	65	23.939	23.975	0.036
105	66	23.301	23.272	-0.029
105	67	23.867	23.764	-0.103
105	68	23.970	23.629	-0.341
105	69	23.854	23.531	-0.323
	Max	24.663	24.210	0.315
	Average	23.684	23.673	-0.010
	Min	23.137	23.108	-0.453
	Std Dev	0.353	0.307	0.146



	4.34_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.243	23.253	23.549	23.434	23.186	23.322	23.108	23.334	23.484	23.263	23.272
Average	23.579	23.483	23.818	23.920	23.549	23.834	23.599	23.584	23.808	23.560	23.634
Max	23.925	23.651	24.172	24.137	23.979	24.210	24.084	23.887	24.117	24.119	23.975
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

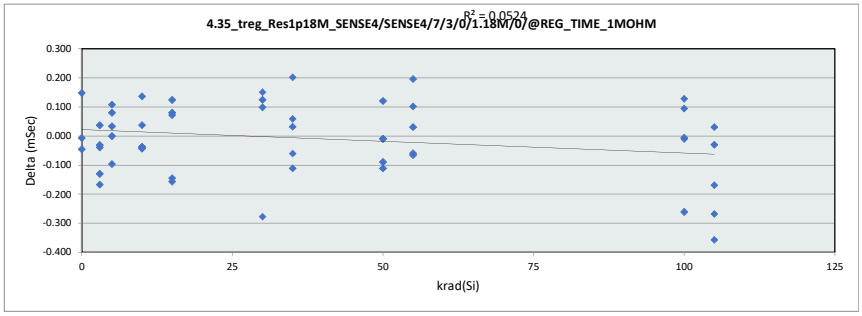


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

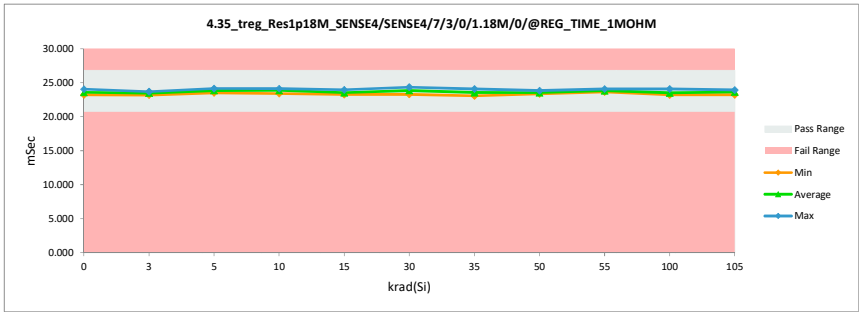
	4.35_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.579	23.534	-0.045
0	14	23.250	23.243	-0.007
0	15	23.911	24.059	0.148
3	20	23.333	23.203	-0.130
3	21	23.587	23.548	-0.039
3	22	23.656	23.625	-0.031
3	23	23.653	23.690	0.037
3	24	23.553	23.386	-0.167
5	25	24.086	24.166	0.080
5	26	23.974	24.082	0.108
5	27	23.535	23.535	0.000
5	28	23.642	23.546	-0.096
5	29	24.006	24.040	0.034
10	30	23.673	23.810	0.137
10	31	24.168	24.130	-0.038
10	32	24.094	24.132	0.038
10	33	23.450	23.413	-0.037
10	34	24.080	24.037	-0.043
15	35	23.204	23.328	0.124
15	36	23.688	23.543	-0.145
15	37	23.597	23.669	0.072
15	38	24.115	23.958	-0.157
15	39	23.210	23.290	0.080
30	40	23.159	23.310	0.151
30	41	23.481	23.580	0.099
30	42	24.630	24.353	-0.277
30	43	23.897	24.022	0.125
30	44	24.017	24.142	0.125
35	45	23.883	24.085	0.202
35	46	23.592	23.651	0.059
35	47	23.853	23.742	-0.111
35	48	23.298	23.330	0.032
35	49	23.134	23.074	-0.060
50	50	23.258	23.379	0.121
50	51	23.816	23.727	-0.089
50	52	23.954	23.843	-0.111
50	53	23.508	23.498	-0.010
50	54	23.353	23.344	-0.009
55	55	23.545	23.647	0.102
55	56	23.937	23.968	0.031
55	57	24.158	24.093	-0.065
55	58	23.716	23.912	0.196
55	59	23.723	23.664	-0.059
100	60	23.303	23.293	-0.010
100	61	23.110	23.238	0.128
100	62	24.356	24.095	-0.261
100	63	23.626	23.721	0.095
100	64	23.341	23.336	-0.005
105	65	23.912	23.943	0.031
105	66	23.266	23.236	-0.030
105	67	24.004	23.736	-0.268
105	68	23.957	23.600	-0.357
105	69	23.846	23.677	-0.169
	Max	24.630	24.353	0.202
	Average	23.692	23.683	-0.009
	Min	23.110	23.074	-0.357
	Std Dev	0.343	0.320	0.125



	4.35_treg_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.243	23.203	23.535	23.413	23.290	23.310	23.074	23.344	23.647	23.238	23.236
Average	23.612	23.490	23.874	23.904	23.558	23.881	23.576	23.558	23.857	23.537	23.638
Max	24.059	23.690	24.166	24.132	23.958	24.353	24.085	23.843	24.093	24.095	23.943
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

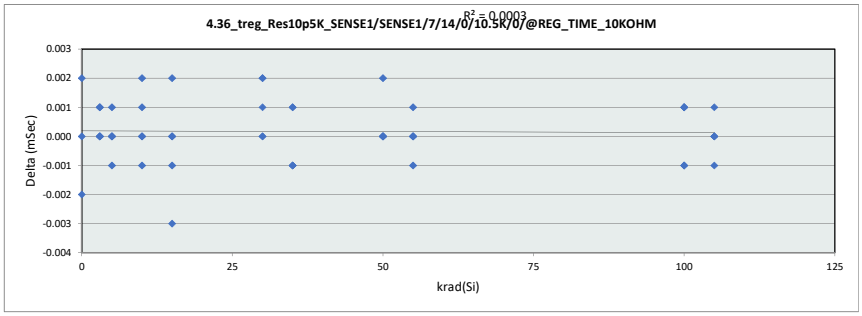


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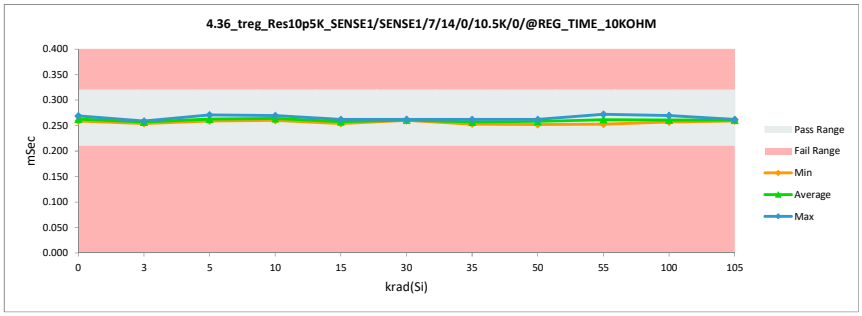
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.36_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.259	0.259	0.000
0	14	0.258	0.260	0.002
0	15	0.271	0.269	-0.002
3	20	0.258	0.259	0.001
3	21	0.254	0.254	0.000
3	22	0.259	0.259	0.000
3	23	0.254	0.254	0.000
3	24	0.258	0.259	0.001
5	25	0.271	0.271	0.000
5	26	0.262	0.262	0.000
5	27	0.260	0.259	-0.001
5	28	0.259	0.260	0.001
5	29	0.262	0.262	0.000
10	30	0.270	0.270	0.000
10	31	0.269	0.268	-0.001
10	32	0.259	0.261	0.002
10	33	0.260	0.260	0.000
10	34	0.260	0.261	0.001
15	35	0.260	0.257	-0.003
15	36	0.258	0.258	0.000
15	37	0.254	0.254	0.000
15	38	0.260	0.262	0.002
15	39	0.259	0.258	-0.001
30	40	0.259	0.261	0.002
30	41	0.260	0.260	0.000
30	42	0.260	0.260	0.000
30	43	0.259	0.260	0.001
30	44	0.260	0.262	0.002
35	45	0.263	0.262	-0.001
35	46	0.252	0.253	0.001
35	47	0.260	0.261	0.001
35	48	0.254	0.253	-0.001
35	49	0.258	0.257	-0.001
50	50	0.258	0.258	0.000
50	51	0.260	0.262	0.002
50	52	0.260	0.260	0.000
50	53	0.252	0.252	0.000
50	54	0.259	0.259	0.000
55	55	0.260	0.259	-0.001
55	56	0.261	0.261	0.000
55	57	0.272	0.272	0.000
55	58	0.263	0.264	0.001
55	59	0.253	0.253	0.000
100	60	0.259	0.260	0.001
100	61	0.258	0.259	0.001
100	62	0.269	0.270	0.001
100	63	0.261	0.260	-0.001
100	64	0.258	0.257	-0.001
105	65	0.260	0.260	0.000
105	66	0.259	0.259	0.000
105	67	0.261	0.262	0.001
105	68	0.261	0.261	0.000
105	69	0.263	0.262	-0.001
	Max	0.272	0.272	0.002
	Average	0.260	0.260	0.000
	Min	0.252	0.252	-0.003
	Std Dev	0.004	0.004	0.001



	4.36_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.259	0.254	0.259	0.260	0.254	0.260	0.253	0.252	0.253	0.257	0.259
Average	0.263	0.257	0.263	0.264	0.258	0.261	0.257	0.258	0.262	0.261	0.261
Max	0.269	0.259	0.271	0.270	0.262	0.262	0.262	0.262	0.272	0.270	0.262
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

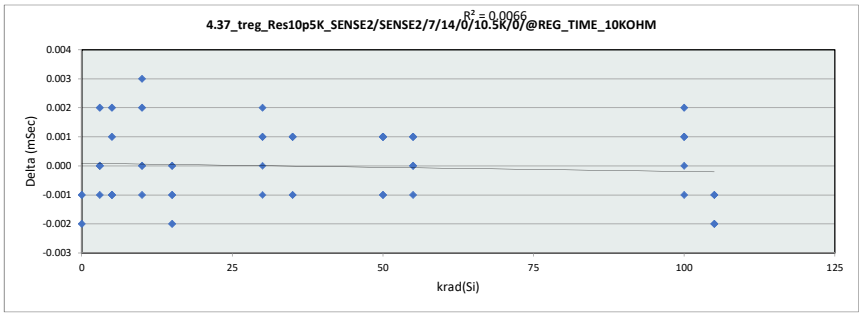


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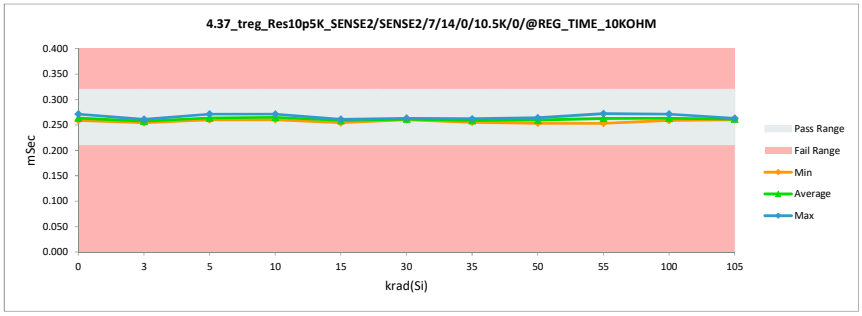
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.37_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.260	-0.001
0	14	0.261	0.259	-0.002
0	15	0.272	0.271	-0.001
3	20	0.258	0.260	0.002
3	21	0.255	0.254	-0.001
3	22	0.261	0.261	0.000
3	23	0.254	0.254	0.000
3	24	0.258	0.258	0.000
5	25	0.270	0.271	0.001
5	26	0.265	0.264	-0.001
5	27	0.259	0.261	0.002
5	28	0.261	0.260	-0.001
5	29	0.263	0.262	-0.001
10	30	0.271	0.270	-0.001
10	31	0.268	0.271	0.003
10	32	0.260	0.262	0.002
10	33	0.262	0.262	0.000
10	34	0.260	0.260	0.000
15	35	0.259	0.259	0.000
15	36	0.260	0.259	-0.001
15	37	0.256	0.254	-0.002
15	38	0.261	0.261	0.000
15	39	0.261	0.260	-0.001
30	40	0.260	0.262	0.002
30	41	0.262	0.263	0.001
30	42	0.260	0.260	0.000
30	43	0.260	0.261	0.001
30	44	0.263	0.262	-0.001
35	45	0.263	0.262	-0.001
35	46	0.254	0.255	0.001
35	47	0.261	0.262	0.001
35	48	0.255	0.256	0.001
35	49	0.259	0.258	-0.001
50	50	0.259	0.260	0.001
50	51	0.263	0.264	0.001
50	52	0.260	0.261	0.001
50	53	0.254	0.253	-0.001
50	54	0.260	0.259	-0.001
55	55	0.261	0.262	0.001
55	56	0.261	0.262	0.001
55	57	0.272	0.272	0.000
55	58	0.265	0.264	-0.001
55	59	0.253	0.253	0.000
100	60	0.260	0.262	0.002
100	61	0.259	0.259	0.000
100	62	0.272	0.271	-0.001
100	63	0.261	0.262	0.001
100	64	0.259	0.260	0.001
105	65	0.262	0.260	-0.002
105	66	0.261	0.260	-0.001
105	67	0.264	0.262	-0.002
105	68	0.263	0.262	-0.001
105	69	0.264	0.263	-0.001
	Max	0.272	0.272	0.003
	Average	0.261	0.261	0.000
	Min	0.253	0.253	-0.002
	Std Dev	0.004	0.004	0.001



	4.37_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.259	0.254	0.260	0.260	0.254	0.260	0.255	0.253	0.253	0.259	0.260
Average	0.263	0.257	0.264	0.265	0.259	0.262	0.259	0.259	0.263	0.263	0.261
Max	0.271	0.261	0.271	0.271	0.261	0.263	0.262	0.264	0.272	0.271	0.263
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

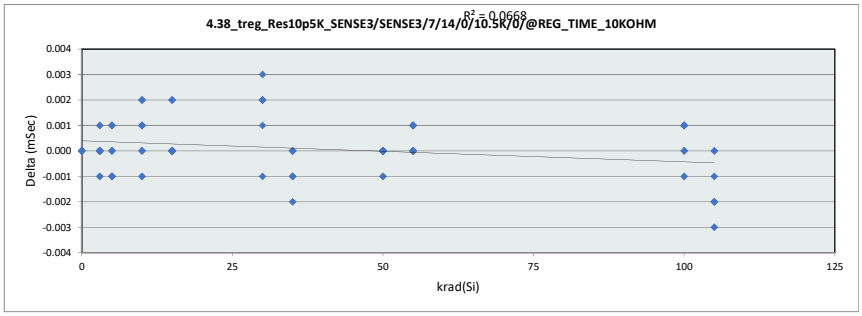


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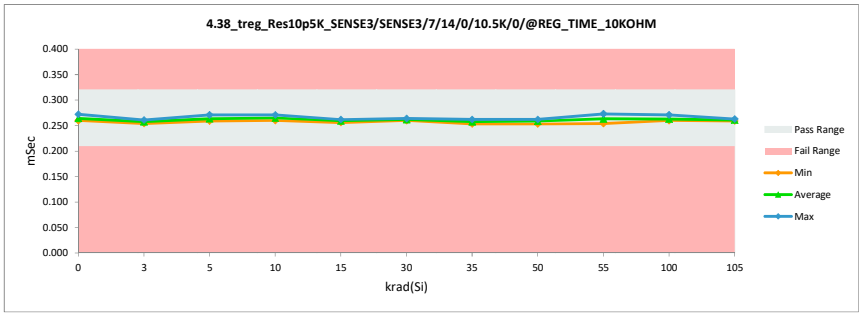
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.38_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.261	0.000
0	14	0.260	0.260	0.000
0	15	0.272	0.272	0.000
3	20	0.259	0.260	0.001
3	21	0.255	0.255	0.000
3	22	0.261	0.261	0.000
3	23	0.255	0.254	-0.001
3	24	0.259	0.259	0.000
5	25	0.271	0.271	0.000
5	26	0.264	0.265	0.001
5	27	0.260	0.259	-0.001
5	28	0.260	0.261	0.001
5	29	0.263	0.262	-0.001
10	30	0.271	0.271	0.000
10	31	0.269	0.270	0.001
10	32	0.261	0.260	-0.001
10	33	0.261	0.262	0.001
10	34	0.260	0.262	0.002
15	35	0.258	0.258	0.000
15	36	0.260	0.260	0.000
15	37	0.254	0.256	0.002
15	38	0.262	0.262	0.000
15	39	0.260	0.260	0.000
30	40	0.260	0.262	0.002
30	41	0.260	0.262	0.002
30	42	0.261	0.260	-0.001
30	43	0.260	0.261	0.001
30	44	0.261	0.264	0.003
35	45	0.262	0.262	0.000
35	46	0.254	0.253	-0.001
35	47	0.261	0.261	0.000
35	48	0.256	0.254	-0.002
35	49	0.259	0.258	-0.001
50	50	0.259	0.259	0.000
50	51	0.262	0.262	0.000
50	52	0.260	0.260	0.000
50	53	0.253	0.253	0.000
50	54	0.260	0.259	-0.001
55	55	0.260	0.261	0.001
55	56	0.263	0.263	0.000
55	57	0.273	0.273	0.000
55	58	0.265	0.266	0.001
55	59	0.253	0.254	0.001
100	60	0.260	0.261	0.001
100	61	0.259	0.260	0.001
100	62	0.272	0.271	-0.001
100	63	0.261	0.262	0.001
100	64	0.260	0.260	0.000
105	65	0.262	0.259	-0.003
105	66	0.260	0.260	0.000
105	67	0.263	0.262	-0.001
105	68	0.263	0.261	-0.002
105	69	0.265	0.263	-0.002
	Max	0.273	0.273	0.003
	Average	0.261	0.261	0.000
	Min	0.253	0.253	-0.003
	Std Dev	0.005	0.005	0.001



	4.38_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.260	0.254	0.259	0.260	0.256	0.260	0.253	0.253	0.254	0.260	0.259
Average	0.264	0.258	0.264	0.265	0.259	0.262	0.258	0.259	0.263	0.263	0.261
Max	0.272	0.261	0.271	0.271	0.262	0.264	0.262	0.262	0.273	0.271	0.263
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

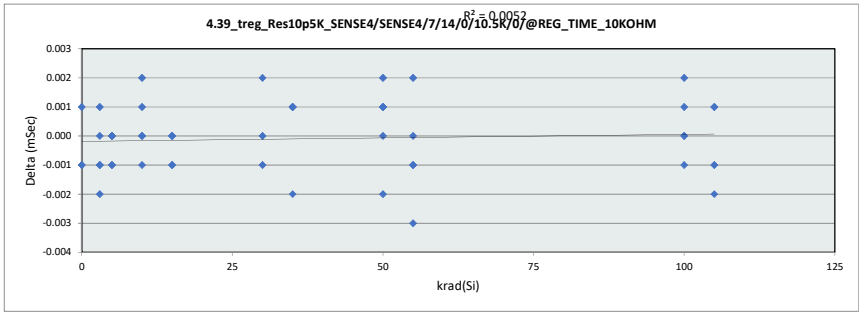


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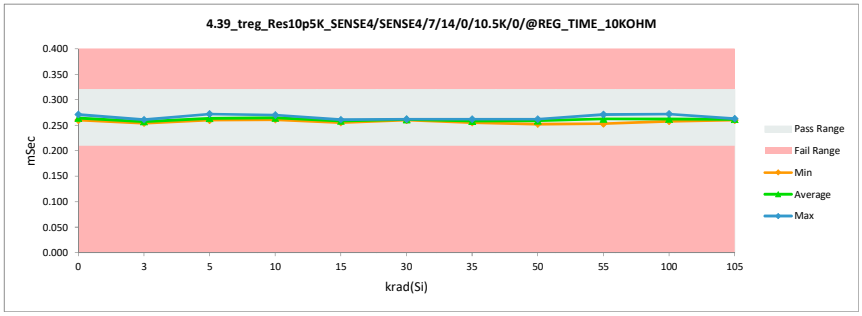
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.39_treg_Res10p5K_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	0.34	0.32
Min Limit	0.197	0.21

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.261	0.262	0.001
0	14	0.261	0.260	-0.001
0	15	0.272	0.271	-0.001
3	20	0.258	0.259	0.001
3	21	0.256	0.254	-0.002
3	22	0.262	0.261	-0.001
3	23	0.254	0.254	0.000
3	24	0.259	0.258	-0.001
5	25	0.272	0.272	0.000
5	26	0.264	0.263	-0.001
5	27	0.261	0.260	-0.001
5	28	0.260	0.260	0.000
5	29	0.262	0.262	0.000
10	30	0.271	0.270	-0.001
10	31	0.269	0.270	0.001
10	32	0.261	0.261	0.000
10	33	0.261	0.261	0.000
10	34	0.259	0.261	0.002
15	35	0.259	0.258	-0.001
15	36	0.260	0.259	-0.001
15	37	0.255	0.255	0.000
15	38	0.261	0.261	0.000
15	39	0.260	0.260	0.000
30	40	0.260	0.262	0.002
30	41	0.261	0.261	0.000
30	42	0.261	0.261	0.000
30	43	0.261	0.260	-0.001
30	44	0.263	0.262	-0.001
35	45	0.264	0.262	-0.002
35	46	0.254	0.255	0.001
35	47	0.260	0.261	0.001
35	48	0.254	0.255	0.001
35	49	0.257	0.258	0.001
50	50	0.258	0.260	0.002
50	51	0.262	0.262	0.000
50	52	0.260	0.261	0.001
50	53	0.254	0.252	-0.002
50	54	0.258	0.259	0.001
55	55	0.260	0.262	0.002
55	56	0.263	0.263	0.000
55	57	0.274	0.271	-0.003
55	58	0.265	0.264	-0.001
55	59	0.254	0.253	-0.001
100	60	0.259	0.261	0.002
100	61	0.260	0.259	-0.001
100	62	0.271	0.272	0.001
100	63	0.261	0.261	0.000
100	64	0.258	0.258	0.000
105	65	0.260	0.261	0.001
105	66	0.259	0.260	0.001
105	67	0.263	0.262	-0.001
105	68	0.262	0.261	-0.001
105	69	0.265	0.263	-0.002
	Max	0.274	0.272	0.002
	Average	0.261	0.261	0.000
	Min	0.254	0.252	-0.003
	Std Dev	0.005	0.004	0.001



	4.39_treg_Res10p5K_SE										
Test Site											
Tester											
Test Number											
Max Limit	0.32	mSec									
Min Limit	0.21	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
Min	0.260	0.254	0.260	0.261	0.255	0.260	0.255	0.252	0.253	0.258	0.260
Average	0.264	0.257	0.263	0.265	0.259	0.261	0.258	0.259	0.263	0.262	0.261
Max	0.271	0.261	0.272	0.270	0.261	0.262	0.262	0.262	0.271	0.272	0.263
UL	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320	0.320

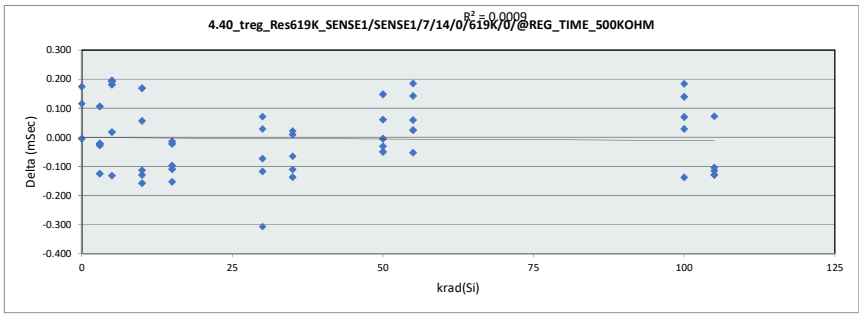


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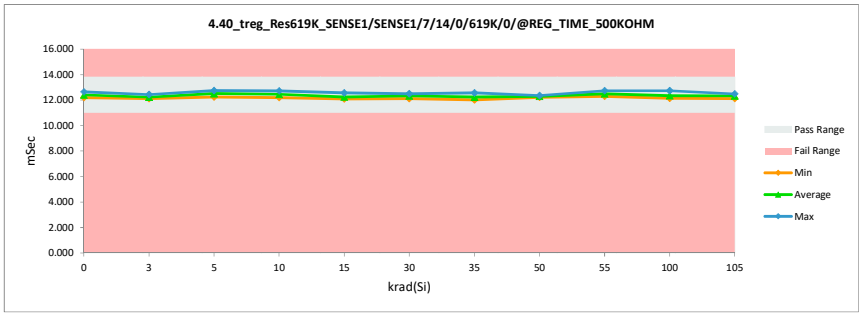
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.40_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.190	12.364	0.174
0	14	12.206	12.201	-0.005
0	15	12.530	12.646	0.116
3	20	12.059	12.165	0.106
3	21	12.295	12.274	-0.021
3	22	12.453	12.430	-0.023
3	23	12.295	12.170	-0.125
3	24	12.148	12.120	-0.028
5	25	12.552	12.747	0.195
5	26	12.586	12.604	0.018
5	27	12.220	12.401	0.181
5	28	12.385	12.253	-0.132
5	29	12.369	12.561	0.192
10	30	12.379	12.435	0.056
10	31	12.551	12.720	0.169
10	32	12.613	12.500	-0.113
10	33	12.361	12.203	-0.158
10	34	12.558	12.428	-0.130
15	35	12.248	12.095	-0.153
15	36	12.225	12.211	-0.014
15	37	12.350	12.240	-0.110
15	38	12.583	12.560	-0.023
15	39	12.234	12.137	-0.097
30	40	12.049	12.120	0.071
30	41	12.308	12.191	-0.117
30	42	12.801	12.494	-0.307
30	43	12.323	12.352	0.029
30	44	12.530	12.457	-0.073
35	45	12.548	12.570	0.022
35	46	12.316	12.205	-0.111
35	47	12.339	12.274	-0.065
35	48	12.135	12.144	0.009
35	49	12.159	12.022	-0.137
50	50	12.236	12.297	0.061
50	51	12.314	12.283	-0.031
50	52	12.407	12.357	-0.050
50	53	12.225	12.220	-0.005
50	54	12.144	12.292	0.148
55	55	12.334	12.359	0.025
55	56	12.504	12.563	0.059
55	57	12.587	12.729	0.142
55	58	12.334	12.519	0.185
55	59	12.349	12.296	-0.053
100	60	12.278	12.140	-0.138
100	61	12.011	12.150	0.139
100	62	12.705	12.734	0.029
100	63	12.387	12.457	0.070
100	64	12.064	12.248	0.184
105	65	12.480	12.376	-0.104
105	66	12.248	12.118	-0.130
105	67	12.413	12.485	0.072
105	68	12.508	12.393	-0.115
105	69	12.369	12.240	-0.129
	Max	12.801	12.747	0.195
	Average	12.355	12.350	-0.005
	Min	12.011	12.022	-0.307
	Std Dev	0.174	0.187	0.117



	4.40_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.201	12.120	12.253	12.203	12.095	12.120	12.022	12.220	12.296	12.140	12.118
Average	12.404	12.232	12.513	12.457	12.249	12.323	12.243	12.290	12.493	12.346	12.322
Max	12.646	12.430	12.747	12.720	12.560	12.494	12.570	12.357	12.729	12.734	12.485
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

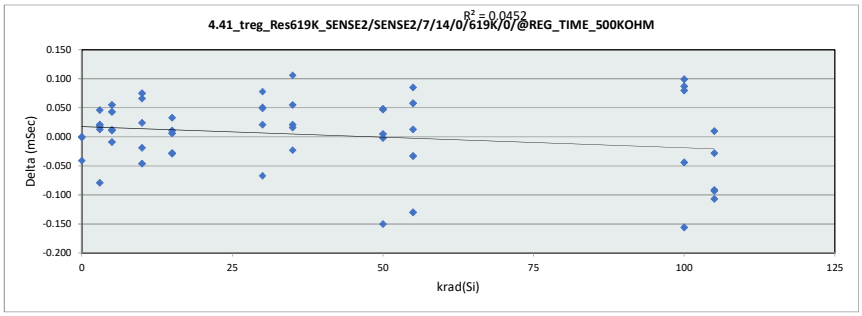


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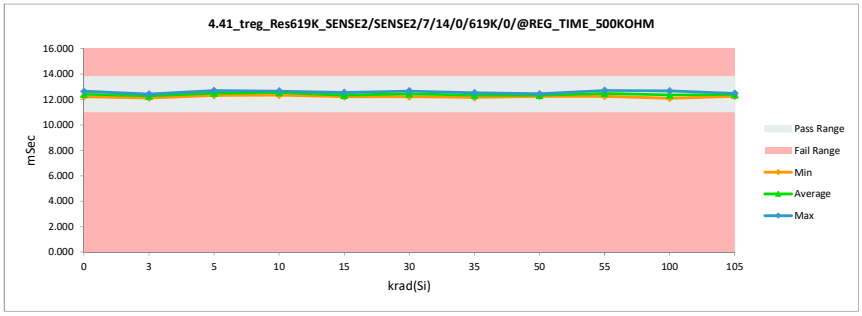
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.41_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.377	12.376	-0.001
0	14	12.218	12.218	0.000
0	15	12.679	12.638	-0.041
3	20	12.193	12.114	-0.079
3	21	12.234	12.280	0.046
3	22	12.397	12.415	0.018
3	23	12.289	12.310	0.021
3	24	12.270	12.283	0.013
5	25	12.680	12.692	0.012
5	26	12.548	12.603	0.055
5	27	12.323	12.314	-0.009
5	28	12.298	12.341	0.043
5	29	12.533	12.544	0.011
10	30	12.525	12.591	0.066
10	31	12.672	12.653	-0.019
10	32	12.561	12.585	0.024
10	33	12.374	12.328	-0.046
10	34	12.513	12.588	0.075
15	35	12.256	12.227	-0.029
15	36	12.310	12.321	0.011
15	37	12.340	12.373	0.033
15	38	12.539	12.545	0.006
15	39	12.240	12.212	-0.028
30	40	12.178	12.229	0.051
30	41	12.304	12.325	0.021
30	42	12.724	12.657	-0.067
30	43	12.395	12.444	0.049
30	44	12.527	12.605	0.078
35	45	12.509	12.530	0.021
35	46	12.310	12.326	0.016
35	47	12.470	12.447	-0.023
35	48	12.085	12.191	0.106
35	49	12.109	12.164	0.055
50	50	12.250	12.298	0.048
50	51	12.398	12.445	0.047
50	52	12.567	12.417	-0.150
50	53	12.239	12.237	-0.002
50	54	12.236	12.241	0.005
55	55	12.362	12.375	0.013
55	56	12.480	12.538	0.058
55	57	12.741	12.708	-0.033
55	58	12.411	12.496	0.085
55	59	12.376	12.246	-0.130
100	60	12.196	12.276	0.080
100	61	12.141	12.097	-0.044
100	62	12.822	12.666	-0.156
100	63	12.368	12.455	0.087
100	64	12.175	12.274	0.099
105	65	12.457	12.467	0.010
105	66	12.265	12.237	-0.028
105	67	12.575	12.484	-0.091
105	68	12.498	12.391	-0.107
105	69	12.444	12.351	-0.093
	Max	12.822	12.708	0.106
	Average	12.396	12.399	0.004
	Min	12.085	12.097	-0.156
	Std Dev	0.174	0.161	0.062



	4.41_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.218	12.114	12.314	12.328	12.212	12.229	12.164	12.237	12.246	12.097	12.237
Average	12.411	12.280	12.499	12.549	12.336	12.452	12.332	12.328	12.473	12.354	12.386
Max	12.638	12.415	12.692	12.653	12.545	12.657	12.530	12.445	12.708	12.666	12.484
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

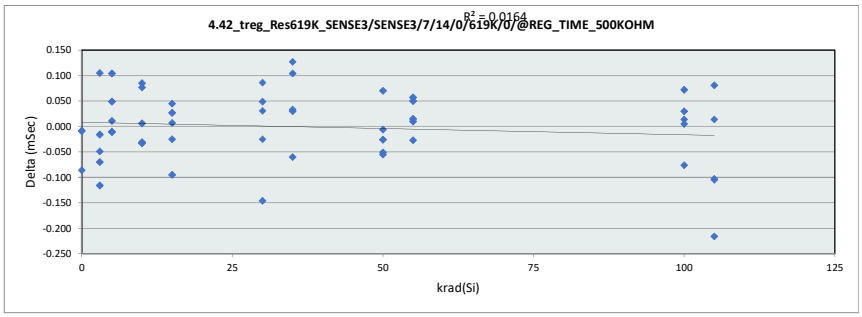


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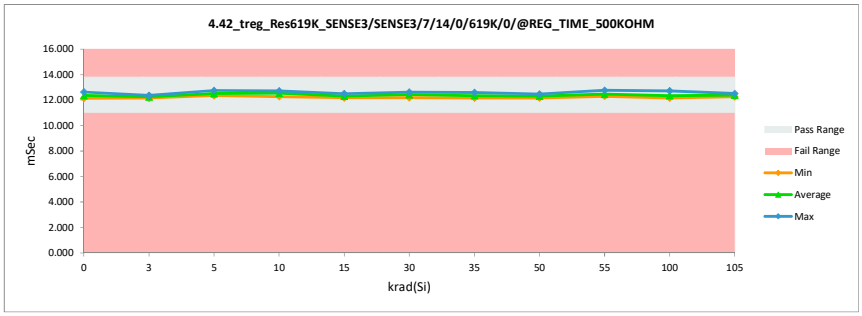
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.42_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.313	12.304	-0.009
0	14	12.237	12.151	-0.086
0	15	12.650	12.642	-0.008
3	20	12.222	12.152	-0.070
3	21	12.269	12.220	-0.049
3	22	12.383	12.367	-0.016
3	23	12.242	12.347	0.105
3	24	12.306	12.190	-0.116
5	25	12.654	12.758	0.104
5	26	12.613	12.603	-0.010
5	27	12.369	12.358	-0.011
5	28	12.337	12.386	0.049
5	29	12.493	12.504	0.011
10	30	12.490	12.575	0.085
10	31	12.652	12.729	0.077
10	32	12.621	12.627	0.006
10	33	12.310	12.277	-0.033
10	34	12.567	12.536	-0.031
15	35	12.202	12.177	-0.025
15	36	12.337	12.344	0.007
15	37	12.287	12.314	0.027
15	38	12.598	12.503	-0.095
15	39	12.204	12.249	0.045
30	40	12.218	12.193	-0.025
30	41	12.246	12.277	0.031
30	42	12.770	12.624	-0.146
30	43	12.444	12.493	0.049
30	44	12.486	12.572	0.086
35	45	12.468	12.595	0.127
35	46	12.342	12.372	0.030
35	47	12.460	12.400	-0.060
35	48	12.107	12.211	0.104
35	49	12.135	12.168	0.033
50	50	12.186	12.256	0.070
50	51	12.448	12.393	-0.055
50	52	12.528	12.477	-0.051
50	53	12.178	12.172	-0.006
50	54	12.290	12.264	-0.026
55	55	12.306	12.321	0.015
55	56	12.438	12.488	0.050
55	57	12.710	12.767	0.057
55	58	12.456	12.466	0.010
55	59	12.323	12.296	-0.027
100	60	12.230	12.244	0.014
100	61	12.143	12.173	0.030
100	62	12.801	12.725	-0.076
100	63	12.331	12.403	0.072
100	64	12.204	12.209	0.005
105	65	12.508	12.522	0.014
105	66	12.180	12.261	0.081
105	67	12.536	12.433	-0.103
105	68	12.540	12.324	-0.216
105	69	12.495	12.390	-0.105
	Max	12.801	12.767	0.127
	Average	12.394	12.392	-0.001
	Min	12.107	12.151	-0.216
	Std Dev	0.176	0.173	0.069



	4.42_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.151	12.152	12.358	12.277	12.177	12.193	12.168	12.172	12.296	12.173	12.261
Average	12.366	12.255	12.522	12.549	12.317	12.432	12.349	12.312	12.468	12.351	12.386
Max	12.642	12.367	12.758	12.729	12.503	12.624	12.595	12.477	12.767	12.725	12.522
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

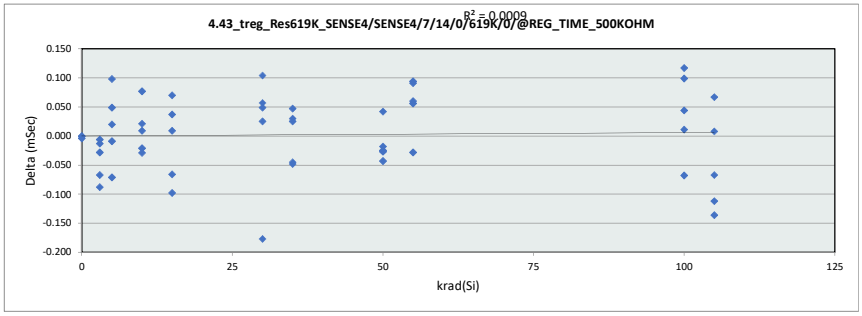


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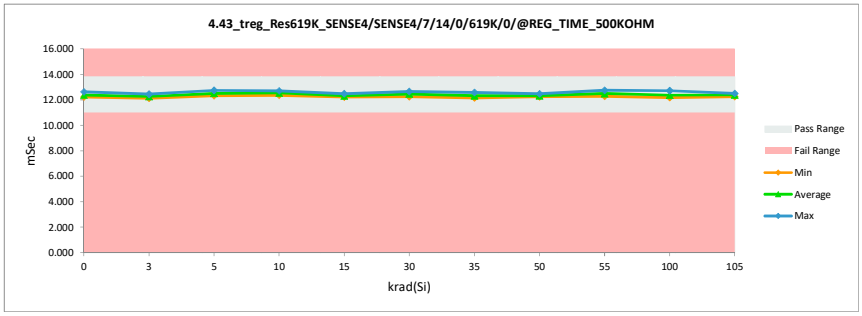
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.43_treg_Res619K_SENS	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	14.1	13.8
Min Limit	10.8	11

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	12.298	12.294	-0.004
0	14	12.224	12.223	-0.001
0	15	12.625	12.625	0.000
3	20	12.193	12.126	-0.067
3	21	12.244	12.216	-0.028
3	22	12.454	12.441	-0.013
3	23	12.314	12.308	-0.006
3	24	12.282	12.194	-0.088
5	25	12.717	12.737	0.020
5	26	12.586	12.515	-0.071
5	27	12.337	12.328	-0.009
5	28	12.315	12.364	0.049
5	29	12.468	12.566	0.098
10	30	12.477	12.554	0.077
10	31	12.692	12.701	0.009
10	32	12.599	12.620	0.021
10	33	12.373	12.352	-0.021
10	34	12.551	12.522	-0.029
15	35	12.177	12.247	0.070
15	36	12.329	12.338	0.009
15	37	12.358	12.292	-0.066
15	38	12.579	12.481	-0.098
15	39	12.176	12.213	0.037
30	40	12.194	12.243	0.049
30	41	12.316	12.341	0.025
30	42	12.774	12.597	-0.177
30	43	12.415	12.472	0.057
30	44	12.542	12.646	0.104
35	45	12.541	12.571	0.030
35	46	12.329	12.281	-0.048
35	47	12.420	12.375	-0.045
35	48	12.173	12.198	0.025
35	49	12.109	12.156	0.047
50	50	12.261	12.234	-0.027
50	51	12.426	12.468	0.042
50	52	12.496	12.453	-0.043
50	53	12.247	12.229	-0.018
50	54	12.266	12.241	-0.025
55	55	12.281	12.375	0.094
55	56	12.511	12.567	0.056
55	57	12.684	12.744	0.060
55	58	12.421	12.512	0.091
55	59	12.296	12.268	-0.028
100	60	12.205	12.216	0.011
100	61	12.137	12.181	0.044
100	62	12.780	12.712	-0.068
100	63	12.318	12.435	0.117
100	64	12.178	12.277	0.099
105	65	12.486	12.494	0.008
105	66	12.175	12.242	0.067
105	67	12.508	12.441	-0.067
105	68	12.531	12.395	-0.136
105	69	12.475	12.363	-0.112
	Max	12.780	12.744	0.117
	Average	12.394	12.396	0.002
	Min	12.109	12.126	-0.177
	Std Dev	0.175	0.167	0.064



	4.43_treg_Res619K_SEN										
Test Site											
Tester											
Test Number											
Max Limit	13.8	mSec									
Min Limit	11	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
Min	12.223	12.126	12.328	12.352	12.213	12.243	12.156	12.229	12.268	12.181	12.242
Average	12.381	12.257	12.502	12.550	12.314	12.460	12.316	12.325	12.493	12.364	12.387
Max	12.625	12.441	12.737	12.701	12.481	12.646	12.571	12.468	12.744	12.712	12.494
UL	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800	13.800

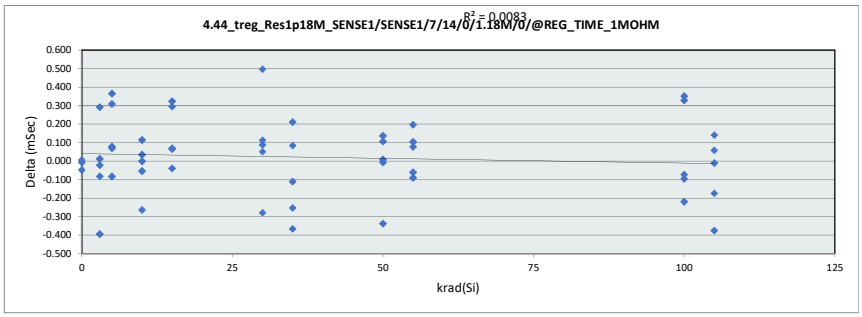


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

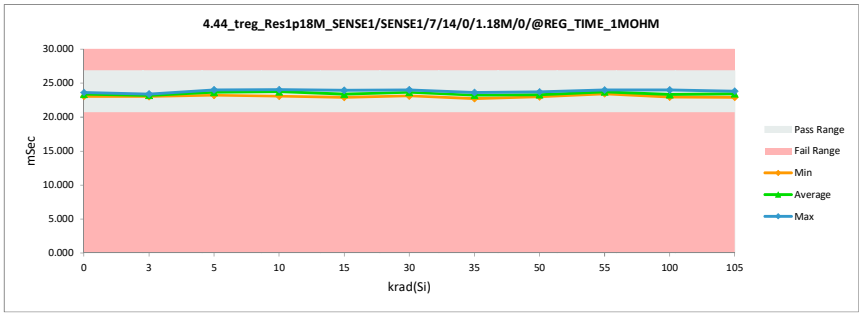
	4.44_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.444	23.450	0.006
0	14	23.111	23.063	-0.048
0	15	23.621	23.613	-0.008
3	20	23.129	23.047	-0.082
3	21	23.101	23.393	0.292
3	22	23.324	23.302	-0.022
3	23	23.158	23.170	0.012
3	24	23.428	23.034	-0.394
5	25	23.947	24.017	0.070
5	26	23.619	23.536	-0.083
5	27	23.220	23.529	0.309
5	28	23.157	23.235	0.078
5	29	23.502	23.867	0.365
10	30	23.552	23.666	0.114
10	31	24.037	24.037	0.000
10	32	23.988	24.023	0.035
10	33	23.339	23.075	-0.264
10	34	23.990	23.937	-0.053
15	35	22.877	23.172	0.295
15	36	23.206	23.529	0.323
15	37	23.287	23.357	0.070
15	38	23.978	23.939	-0.039
15	39	22.849	22.914	0.065
30	40	23.003	23.116	0.113
30	41	23.324	23.375	0.051
30	42	24.130	23.851	-0.279
30	43	23.750	23.838	0.088
30	44	23.519	24.016	0.497
35	45	23.727	23.616	-0.111
35	46	23.268	23.352	0.084
35	47	23.751	23.385	-0.366
35	48	22.797	23.008	0.211
35	49	22.985	22.732	-0.253
50	50	22.889	23.025	0.136
50	51	23.668	23.330	-0.338
50	52	23.614	23.720	0.106
50	53	23.388	23.380	-0.008
50	54	22.972	22.981	0.009
55	55	23.363	23.440	0.077
55	56	23.782	23.886	0.104
55	57	24.061	23.971	-0.090
55	58	23.568	23.765	0.197
55	59	23.582	23.521	-0.061
100	60	22.944	23.273	0.329
100	61	22.684	23.035	0.351
100	62	24.045	23.972	-0.073
100	63	23.436	23.340	-0.096
100	64	23.177	22.957	-0.220
105	65	23.746	23.804	0.058
105	66	22.918	22.908	-0.010
105	67	23.473	23.614	0.141
105	68	23.795	23.420	-0.375
105	69	23.674	23.500	-0.174
	Max	24.130	24.037	0.497
	Average	23.432	23.454	0.021
	Min	22.684	22.732	-0.394
	Std Dev	0.378	0.357	0.200



	4.44_treg_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.063	23.034	23.235	23.075	22.914	23.116	22.732	22.981	23.440	22.957	22.908
Average	23.375	23.189	23.637	23.748	23.382	23.639	23.219	23.287	23.717	23.315	23.449
Max	23.613	23.393	24.017	24.037	23.939	24.016	23.616	23.720	23.971	23.972	23.804
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

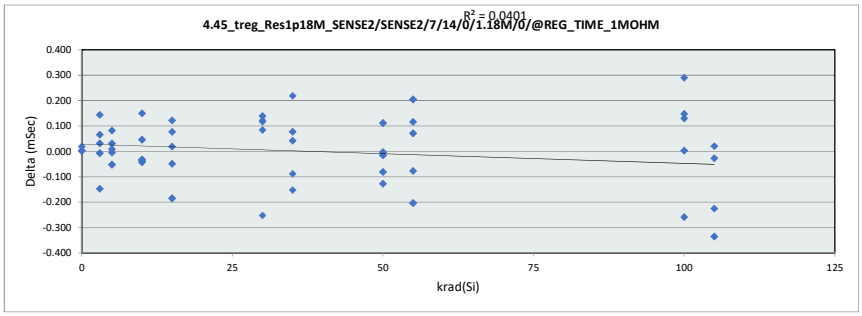


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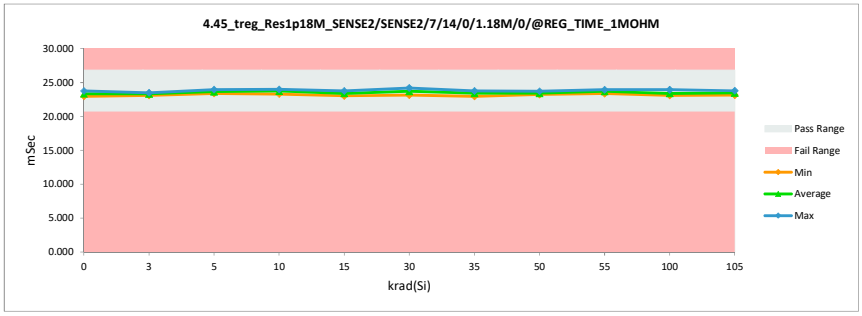
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.45_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.270	23.273	0.003
0	14	22.955	22.957	0.002
0	15	23.752	23.771	0.019
3	20	23.023	23.089	0.066
3	21	23.283	23.427	0.144
3	22	23.489	23.482	-0.007
3	23	23.345	23.377	0.032
3	24	23.425	23.278	-0.147
5	25	23.934	23.965	0.031
5	26	23.804	23.752	-0.052
5	27	23.397	23.392	-0.005
5	28	23.335	23.417	0.082
5	29	23.826	23.835	0.009
10	30	23.542	23.692	0.150
10	31	24.024	23.992	-0.032
10	32	23.919	23.965	0.046
10	33	23.327	23.292	-0.035
10	34	23.939	23.897	-0.042
15	35	23.082	23.033	-0.049
15	36	23.370	23.389	0.019
15	37	23.463	23.540	0.077
15	38	23.957	23.773	-0.184
15	39	23.058	23.180	0.122
30	40	23.042	23.159	0.117
30	41	23.332	23.416	0.084
30	42	24.447	24.195	-0.252
30	43	23.743	23.865	0.122
30	44	23.850	23.989	0.139
35	45	23.725	23.767	0.042
35	46	23.469	23.547	0.078
35	47	23.740	23.588	-0.152
35	48	23.017	23.236	0.219
35	49	23.034	22.946	-0.088
50	50	23.129	23.241	0.112
50	51	23.659	23.532	-0.127
50	52	23.787	23.706	-0.081
50	53	23.402	23.387	-0.015
50	54	23.220	23.217	-0.003
55	55	23.415	23.486	0.071
55	56	23.764	23.880	0.116
55	57	24.020	23.943	-0.077
55	58	23.568	23.773	0.205
55	59	23.573	23.370	-0.203
100	60	23.183	23.186	0.003
100	61	22.979	23.109	0.130
100	62	24.195	23.937	-0.258
100	63	23.293	23.583	0.290
100	64	23.054	23.202	0.148
105	65	23.757	23.778	0.021
105	66	23.158	23.131	-0.027
105	67	23.839	23.614	-0.225
105	68	23.774	23.439	-0.335
105	69	23.674	23.339	-0.335
	Max	24.447	24.195	0.290
	Average	23.516	23.516	-0.001
	Min	22.955	22.946	-0.335
	Std Dev	0.353	0.311	0.136



	4.45_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	22.957	23.089	23.392	23.292	23.033	23.159	22.946	23.217	23.370	23.109	23.131
Average	23.334	23.331	23.672	23.768	23.383	23.725	23.417	23.417	23.690	23.403	23.460
Max	23.771	23.482	23.965	23.992	23.773	24.195	23.767	23.706	23.943	23.937	23.778
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

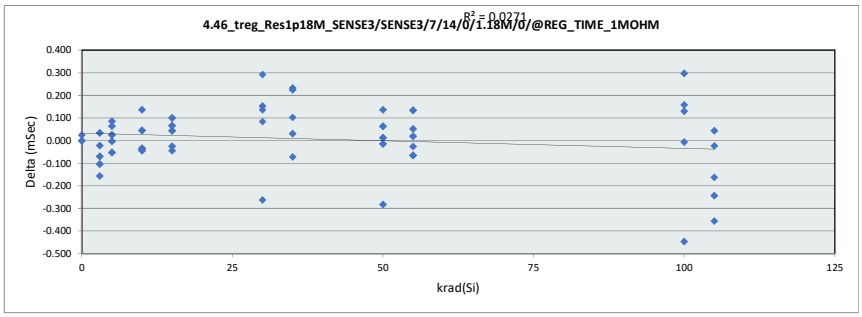


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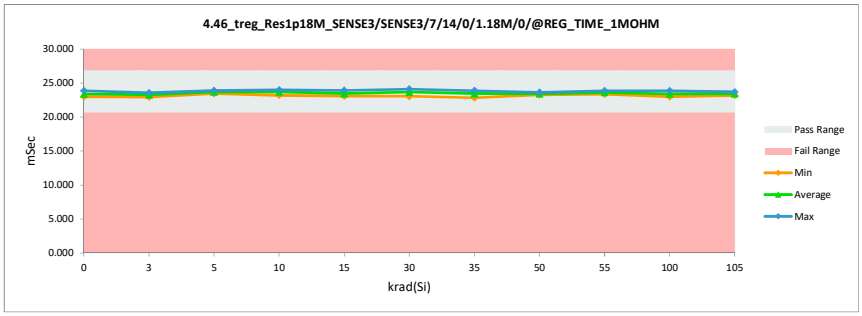
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	4.46_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.317	23.341	0.024
0	14	23.016	23.016	0.000
0	15	23.871	23.869	-0.002
3	20	23.086	22.982	-0.104
3	21	23.360	23.290	-0.070
3	22	23.587	23.565	-0.022
3	23	23.424	23.458	0.034
3	24	23.317	23.160	-0.157
5	25	23.850	23.914	0.064
5	26	23.903	23.850	-0.053
5	27	23.472	23.469	-0.003
5	28	23.413	23.498	0.085
5	29	23.748	23.773	0.025
10	30	23.624	23.588	-0.036
10	31	23.945	23.910	-0.035
10	32	23.856	23.901	0.045
10	33	23.225	23.181	-0.044
10	34	23.862	23.998	0.136
15	35	23.148	23.103	-0.045
15	36	23.465	23.440	-0.025
15	37	23.570	23.636	0.066
15	38	23.874	23.917	0.043
15	39	23.146	23.246	0.100
30	40	22.920	23.072	0.152
30	41	23.224	23.308	0.084
30	42	24.380	24.117	-0.263
30	43	23.660	23.796	0.136
30	44	23.771	24.063	0.292
35	45	23.636	23.868	0.232
35	46	23.529	23.631	0.102
35	47	23.646	23.677	0.031
35	48	23.080	23.304	0.224
35	49	22.911	22.839	-0.072
50	50	23.194	23.330	0.136
50	51	23.563	23.626	0.063
50	52	23.892	23.609	-0.283
50	53	23.293	23.278	-0.015
50	54	23.271	23.283	0.012
55	55	23.311	23.362	0.051
55	56	23.687	23.821	0.134
55	57	23.939	23.873	-0.066
55	58	23.635	23.654	0.019
55	59	23.477	23.450	-0.027
100	60	23.248	23.241	-0.007
100	61	22.857	22.987	0.130
100	62	24.302	23.855	-0.447
100	63	23.376	23.673	0.297
100	64	23.110	23.267	0.157
105	65	23.652	23.695	0.043
105	66	23.222	23.198	-0.024
105	67	23.760	23.516	-0.244
105	68	23.699	23.343	-0.356
105	69	23.575	23.412	-0.163
	Max	24.380	24.117	0.297
	Average	23.508	23.514	0.007
	Min	22.857	22.839	-0.447
	Std Dev	0.337	0.313	0.145



	4.46_treg_Res1p18M_SE										
Test Site											
Tester											
Test Number											
Max Limit	26.8	mSec									
Min Limit	20.7	mSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	23.016	22.982	23.469	23.181	23.103	23.072	22.839	23.278	23.362	22.987	23.198
Average	23.409	23.291	23.701	23.716	23.468	23.671	23.464	23.425	23.632	23.405	23.433
Max	23.869	23.565	23.914	23.998	23.917	24.117	23.868	23.626	23.873	23.855	23.695
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

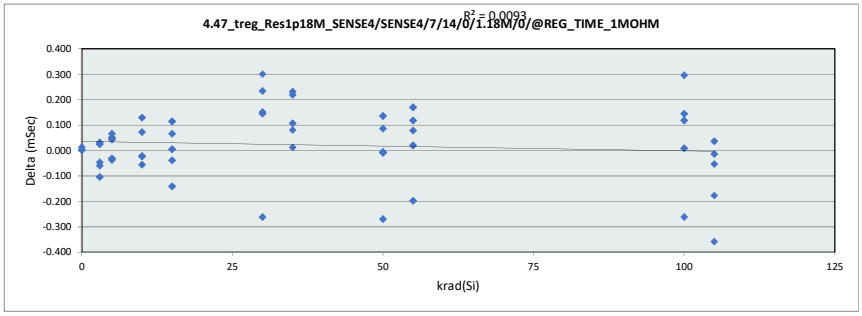


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

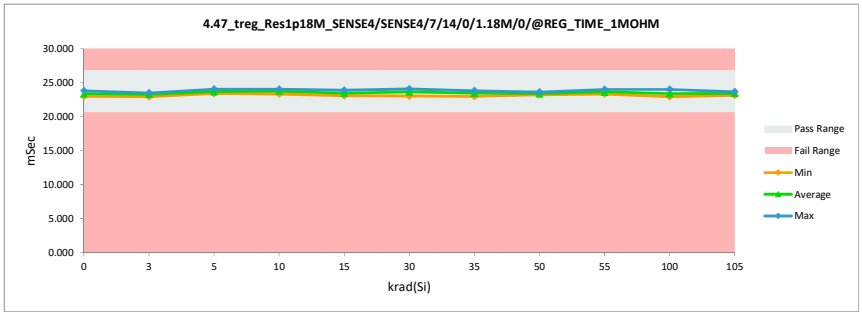
	4.47_treg_Res1p18M_SEN	
Test Site		
Tester		
Test Number		
Unit	mSec	mSec
Max Limit	27.2	26.8
Min Limit	20.3	20.7

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	23.324	23.325	0.001
0	14	22.988	22.991	0.003
0	15	23.824	23.837	0.013
3	20	23.059	22.955	-0.104
3	21	23.337	23.291	-0.046
3	22	23.568	23.508	-0.060
3	23	23.384	23.409	0.025
3	24	23.293	23.325	0.032
5	25	24.014	24.064	0.050
5	26	23.855	23.818	-0.037
5	27	23.463	23.431	-0.032
5	28	23.389	23.455	0.066
5	29	23.715	23.758	0.043
10	30	23.599	23.576	-0.023
10	31	23.908	23.886	-0.022
10	32	23.999	24.071	0.072
10	33	23.209	23.338	0.129
10	34	24.021	23.965	-0.056
15	35	23.121	23.082	-0.039
15	36	23.440	23.445	0.005
15	37	23.545	23.611	0.066
15	38	24.038	23.897	-0.141
15	39	23.107	23.221	0.114
30	40	22.897	23.048	0.151
30	41	23.201	23.435	0.234
30	42	24.353	24.091	-0.262
30	43	23.635	23.779	0.144
30	44	23.748	24.048	0.300
35	45	23.612	23.831	0.219
35	46	23.526	23.607	0.081
35	47	23.620	23.632	0.012
35	48	23.049	23.280	0.231
35	49	22.887	22.994	0.107
50	50	23.168	23.304	0.136
50	51	23.538	23.624	0.086
50	52	23.856	23.586	-0.270
50	53	23.258	23.249	-0.009
50	54	23.262	23.256	-0.006
55	55	23.267	23.345	0.078
55	56	23.629	23.799	0.170
55	57	23.901	24.019	0.118
55	58	23.627	23.647	0.020
55	59	23.610	23.412	-0.198
100	60	23.225	23.234	0.009
100	61	22.832	22.950	0.118
100	62	24.278	24.017	-0.261
100	63	23.354	23.650	0.296
100	64	23.090	23.234	0.144
105	65	23.644	23.680	0.036
105	66	23.186	23.172	-0.014
105	67	23.732	23.679	-0.053
105	68	23.676	23.318	-0.358
105	69	23.552	23.375	-0.177
	Max	24.353	24.091	0.300
	Average	23.498	23.520	0.022
	Min	22.832	22.950	-0.358
	Std Dev	0.354	0.320	0.138



	4.47_treg_Res1p18M_SE	
Test Site		
Tester		
Test Number		
Max Limit	26.8	mSec
Min Limit	20.7	mSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700	20.700
Min	22.991	22.955	23.431	23.338	23.082	23.048	22.994	23.249	23.345	22.950	23.172
Average	23.384	23.298	23.705	23.767	23.451	23.680	23.469	23.404	23.644	23.417	23.445
Max	23.837	23.508	24.064	24.071	23.897	24.091	23.831	23.624	24.019	24.017	23.680
UL	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800	26.800

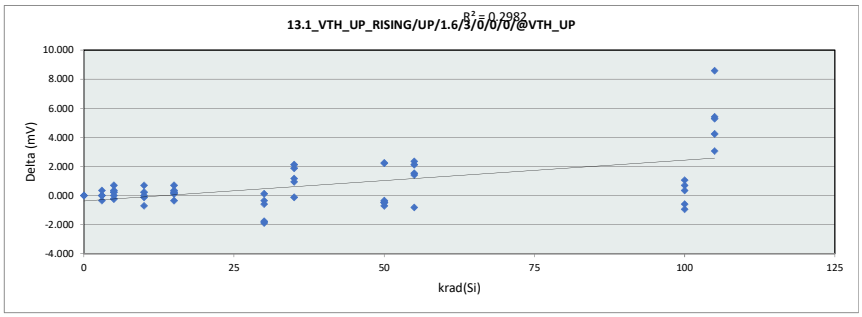


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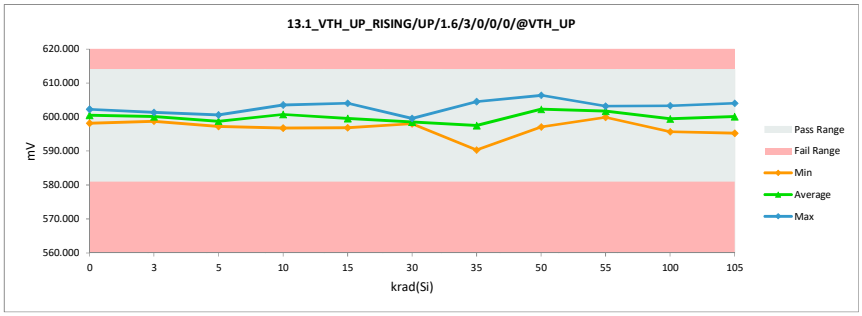
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.1_VTH_UP_RISING/UP	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	615	614
Min Limit	580	581

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.118	601.118	0.000
0	14	602.295	602.295	0.000
0	15	598.175	598.175	0.000
3	20	601.707	601.354	-0.353
3	21	598.411	598.764	0.353
3	22	599.941	599.941	0.000
3	23	599.706	599.706	0.000
3	24	601.001	601.001	0.000
5	25	598.999	599.706	0.707
5	26	596.998	597.234	0.236
5	27	597.116	597.469	0.353
5	28	598.882	598.882	0.000
5	29	600.883	600.647	-0.236
10	30	602.884	603.590	0.706
10	31	600.412	600.412	0.000
10	32	600.412	600.647	0.235
10	33	596.881	596.763	-0.118
10	34	603.237	602.531	-0.706
15	35	597.705	598.058	0.353
15	36	597.351	598.058	0.707
15	37	596.645	596.881	0.236
15	38	603.943	604.061	0.118
15	39	601.354	601.001	-0.353
30	40	599.823	598.058	-1.765
30	41	598.999	598.411	-0.588
30	42	598.999	598.646	-0.353
30	43	599.470	599.588	0.118
30	44	600.177	598.293	-1.884
35	45	604.650	604.532	-0.118
35	46	598.293	600.177	1.884
35	47	594.291	595.468	1.177
35	48	589.347	590.288	0.941
35	49	594.997	597.116	2.119
50	50	604.650	604.179	-0.471
50	51	603.943	603.237	-0.706
50	52	594.879	597.116	2.237
50	53	606.769	606.416	-0.353
50	54	601.118	600.647	-0.471
55	55	598.529	599.941	1.412
55	56	599.588	601.118	1.530
55	57	603.473	602.649	-0.824
55	58	599.706	601.825	2.119
55	59	600.883	603.237	2.354
100	60	598.999	598.058	-0.941
100	61	603.943	603.355	-0.588
100	62	594.997	595.703	0.706
100	63	598.882	599.235	0.353
100	64	600.177	601.236	1.059
105	65	594.997	599.235	4.238
105	66	595.232	600.647	5.415
105	67	589.935	595.232	5.297
105	68	595.468	604.061	8.593
105	69	598.529	601.589	3.060
	Max	606.769	606.416	8.593
	Average	599.241	599.954	0.713
	Min	589.347	590.288	-1.884
	Std Dev	3.437	2.870	1.840



	13.1_VTH_UP_RISING/U										
Test Site											
Tester											
Test Number											
Max Limit	614	mV									
Min Limit	581	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	581.000	581.000	581.000	581.000	####	581.000	####	####	581.000	####	581.000
Min	598.175	598.764	597.234	596.763	####	598.058	####	####	599.941	####	595.232
Average	600.529	600.153	598.788	600.789	####	598.599	####	####	601.754	####	600.153
Max	602.295	601.354	600.647	603.590	####	599.588	####	####	603.237	####	604.061
UL	614.000	614.000	614.000	614.000	####	614.000	####	####	614.000	####	614.000

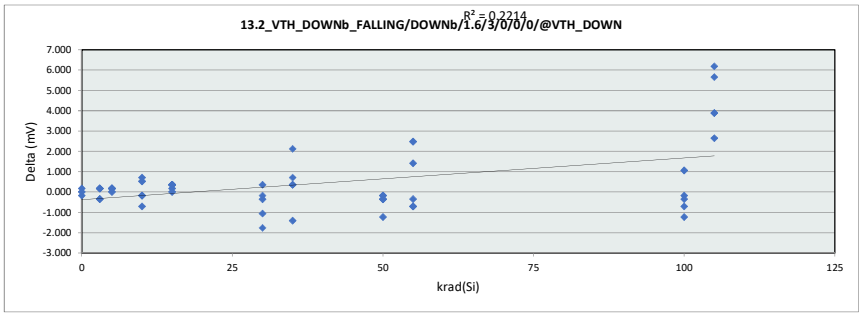


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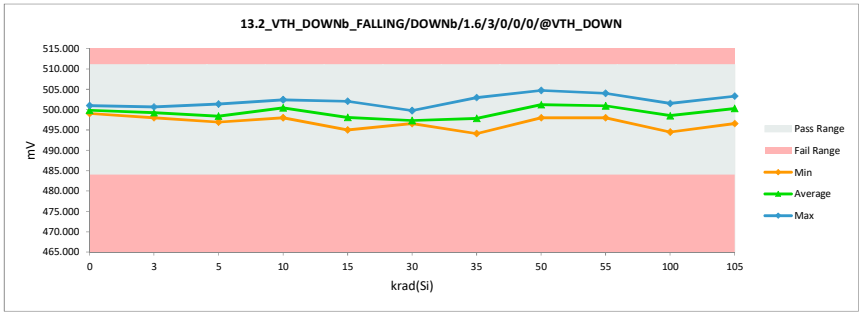
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.2_VTH_DOWNb_FALLIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	512	511
Min Limit	483	484

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	498.882	499.058	0.176
0	14	501.177	501.001	-0.176
0	15	499.411	499.411	0.000
3	20	499.588	499.765	0.177
3	21	498.705	498.352	-0.353
3	22	497.822	497.999	0.177
3	23	499.941	499.588	-0.353
3	24	500.471	500.647	0.176
5	25	498.705	498.882	0.177
5	26	497.822	497.999	0.177
5	27	496.939	496.939	0.000
5	28	496.763	496.939	0.176
5	29	501.177	501.354	0.177
10	30	500.824	501.530	0.706
10	31	502.590	502.413	-0.177
10	32	498.175	498.705	0.530
10	33	498.175	497.999	-0.176
10	34	502.237	501.530	-0.707
15	35	495.527	495.880	0.353
15	36	497.646	497.999	0.353
15	37	494.820	494.997	0.177
15	38	501.707	502.060	0.353
15	39	499.411	499.411	0.000
30	40	497.646	496.586	-1.060
30	41	497.293	496.939	-0.354
30	42	496.939	496.763	-0.176
30	43	499.411	499.765	0.354
30	44	498.352	496.586	-1.766
35	45	502.590	502.943	0.353
35	46	500.824	499.411	-1.413
35	47	496.763	497.116	0.353
35	48	493.408	494.114	0.706
35	49	493.408	495.527	2.119
50	50	502.590	502.413	-0.177
50	51	501.883	501.530	-0.353
50	52	499.235	497.999	-1.236
50	53	504.885	504.709	-0.176
50	54	499.765	499.411	-0.354
55	55	498.352	497.999	-0.353
55	56	503.119	502.413	-0.706
55	57	501.177	500.471	-0.706
55	58	498.352	499.765	1.413
55	59	501.530	504.002	2.472
100	60	497.293	496.057	-1.236
100	61	501.883	501.530	-0.353
100	62	495.174	494.467	-0.707
100	63	501.177	501.001	-0.176
100	64	498.529	499.588	1.059
105	65	499.411	503.296	3.885
105	66	496.233	500.118	3.885
105	67	490.936	496.586	5.650
105	68	495.527	501.707	6.180
105	69	497.116	499.765	2.649
	Max	504.885	504.709	6.180
	Average	498.855	499.265	0.410
	Min	490.936	494.114	-1.766
	Std Dev	2.736	2.499	1.562



	13.2_VTH_DOWNb_FALL										
Test Site											
Tester											
Test Number											
Max Limit	511	mV									
Min Limit	484	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	484.000	484.000	484.000	484.000	####	484.000	####	####	484.000	####	484.000
Min	499.058	497.999	496.939	497.999	####	496.586	####	####	497.999	####	496.586
Average	499.823	499.270	498.423	500.435	####	497.328	####	####	500.930	####	500.294
Max	501.001	500.647	501.354	502.413	####	499.765	####	####	504.002	####	503.296
UL	511.000	511.000	511.000	511.000	####	511.000	####	####	511.000	####	511.000

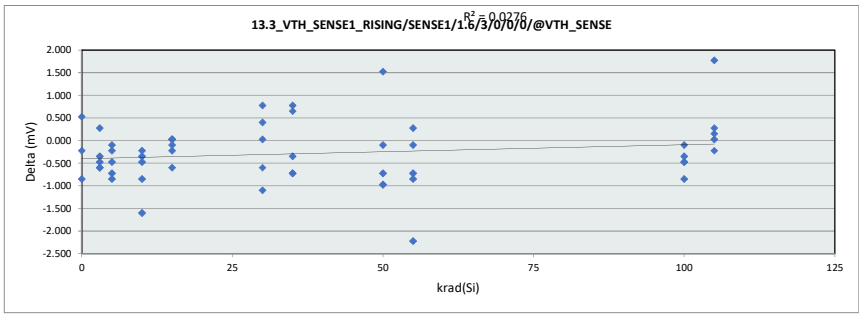


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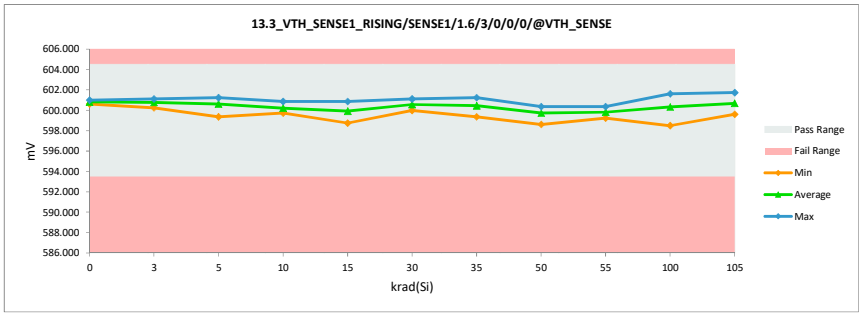
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.3_VTH_SENSE1_RISING	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.461	600.611	-0.850
0	14	601.086	600.861	-0.225
0	15	600.461	600.986	0.525
3	20	600.836	600.237	-0.599
3	21	601.211	600.861	-0.350
3	22	601.211	600.736	-0.475
3	23	601.586	600.986	-0.600
3	24	600.836	601.111	0.275
5	25	599.837	599.363	-0.474
5	26	601.336	601.111	-0.225
5	27	601.336	601.236	-0.100
5	28	600.961	600.237	-0.724
5	29	601.960	601.111	-0.849
10	30	601.086	600.861	-0.225
10	31	600.711	599.862	-0.849
10	32	600.586	600.237	-0.349
10	33	600.836	600.362	-0.474
10	34	601.336	599.737	-1.599
15	35	599.337	598.738	-0.599
15	36	599.962	599.737	-0.225
15	37	599.462	599.487	0.025
15	38	600.711	600.736	0.025
15	39	600.961	600.861	-0.100
30	40	600.711	600.736	0.025
30	41	600.961	600.362	-0.599
30	42	600.336	601.111	0.775
30	43	599.587	599.987	0.400
30	44	601.710	600.611	-1.099
35	45	599.712	599.363	-0.349
35	46	601.211	600.486	-0.725
35	47	601.960	601.236	-0.724
35	48	600.586	601.236	0.650
35	49	599.212	599.987	0.775
50	50	600.836	600.112	-0.724
50	51	600.586	599.612	-0.974
50	52	598.838	600.362	1.524
50	53	600.087	599.987	-0.100
50	54	599.587	598.613	-0.974
55	55	601.086	600.362	-0.724
55	56	601.960	599.737	-2.223
55	57	600.087	599.238	-0.849
55	58	599.462	599.363	-0.099
55	59	600.087	600.362	0.275
100	60	600.087	599.987	-0.100
100	61	601.086	600.611	-0.475
100	62	601.960	601.610	-0.350
100	63	601.461	600.986	-0.475
100	64	599.337	598.488	-0.849
105	65	599.587	601.361	1.774
105	66	599.462	599.612	0.150
105	67	600.836	600.611	-0.225
105	68	601.710	601.735	0.025
105	69	599.837	600.112	0.275
	Max	601.960	601.735	1.774
	Average	600.624	600.340	-0.284
	Min	598.838	598.488	-2.223
	Std Dev	0.825	0.751	0.675



	13.3_VTH_SENSE1_RISI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.611	600.237	599.363	599.737	####	599.987	####	####	599.238	####	599.612
Average	600.819	600.786	600.612	600.212	####	600.561	####	####	599.812	####	600.686
Max	600.986	601.111	601.236	600.861	####	601.111	####	####	600.362	####	601.735
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

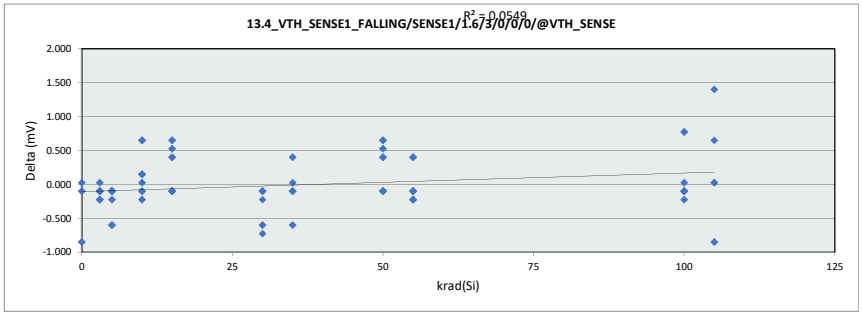


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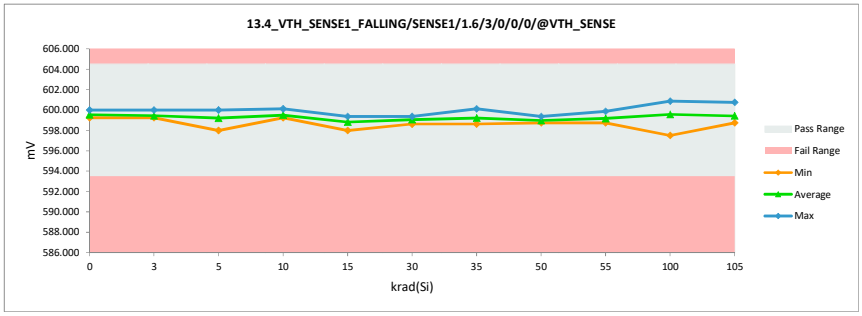
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.4_VTH_SENSE1_FALLIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.089	599.990	-0.099
0	14	600.089	599.241	-0.848
0	15	599.339	599.366	0.027
3	20	599.464	599.241	-0.223
3	21	599.339	599.241	-0.098
3	22	599.339	599.366	0.027
3	23	600.214	599.990	-0.224
3	24	599.464	599.366	-0.098
5	25	598.090	597.992	-0.098
5	26	599.964	599.366	-0.598
5	27	600.089	599.990	-0.099
5	28	598.715	598.616	-0.099
5	29	600.214	599.990	-0.224
10	30	599.464	600.115	0.651
10	31	599.339	599.241	-0.098
10	32	599.339	599.366	0.027
10	33	599.339	599.490	0.151
10	34	599.464	599.241	-0.223
15	35	597.466	597.992	0.526
15	36	598.840	598.741	-0.099
15	37	598.090	598.741	0.651
15	38	598.840	599.241	0.401
15	39	599.464	599.366	-0.098
30	40	599.339	599.241	-0.098
30	41	599.339	598.616	-0.723
30	42	599.464	599.241	-0.223
30	43	599.339	598.741	-0.598
30	44	599.464	599.366	-0.098
35	45	598.840	598.741	-0.099
35	46	599.339	599.241	-0.098
35	47	600.713	600.115	-0.598
35	48	599.339	599.366	0.027
35	49	598.215	598.616	0.401
50	50	599.464	599.366	-0.098
50	51	598.840	598.741	-0.099
50	52	598.090	598.741	0.651
50	53	598.715	599.241	0.526
50	54	598.340	598.741	0.401
55	55	599.464	599.241	-0.223
55	56	600.089	599.865	-0.224
55	57	598.840	598.741	-0.099
55	58	598.840	598.741	-0.099
55	59	598.840	599.241	0.401
100	60	598.715	599.490	0.775
100	61	599.589	599.366	-0.223
100	62	600.713	600.614	-0.099
100	63	600.838	600.864	0.026
100	64	597.591	597.492	-0.099
105	65	598.840	599.490	0.650
105	66	597.341	598.741	1.400
105	67	600.214	599.366	-0.848
105	68	600.713	600.739	0.026
105	69	598.715	598.741	0.026
	Max	600.838	600.864	1.400
	Average	599.250	599.248	-0.002
	Min	597.341	597.492	-0.848
	Std Dev	0.805	0.641	0.418



	13.4_VTH_SENSE1_FALLI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.241	599.241	597.992	599.241	####	598.616	####	####	598.741	####	598.741
Average	599.532	599.441	599.191	599.491	####	599.041	####	####	599.166	####	599.415
Max	599.990	599.990	599.990	600.115	####	599.366	####	####	599.865	####	600.739
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

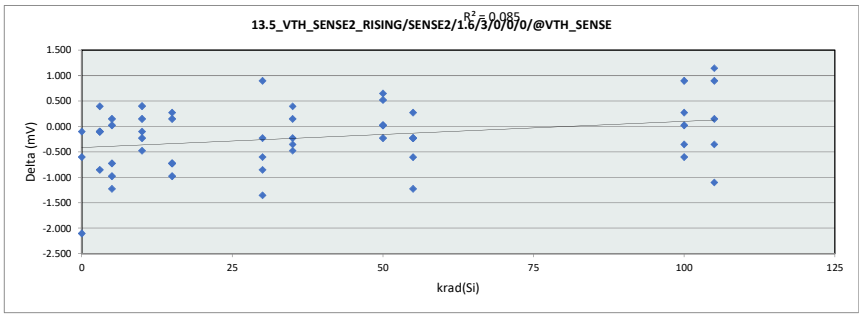


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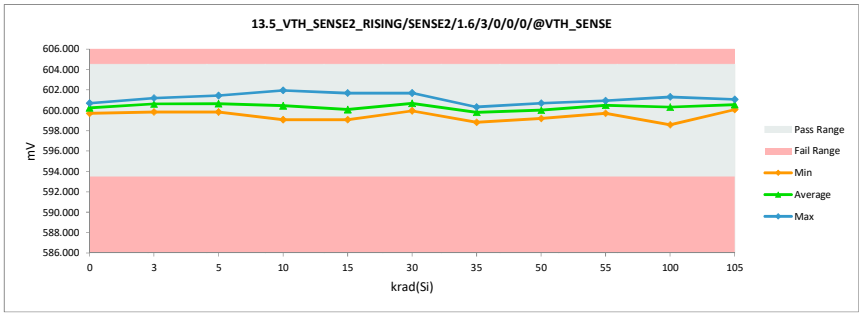
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.5_VTH_SENSE2_RISING	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.300	600.697	-0.603
0	14	601.800	599.698	-2.102
0	15	600.426	600.323	-0.103
3	20	600.426	600.822	0.396
3	21	601.675	600.822	-0.853
3	22	600.551	600.447	-0.104
3	23	599.926	599.823	-0.103
3	24	601.300	601.197	-0.103
5	25	600.426	600.447	0.021
5	26	601.800	601.072	-0.728
5	27	601.675	600.447	-1.228
5	28	599.677	599.823	0.146
5	29	602.425	601.447	-0.978
10	30	599.926	600.323	0.397
10	31	600.801	600.323	-0.478
10	32	600.801	600.572	-0.229
10	33	599.177	599.074	-0.103
10	34	601.800	601.946	0.146
15	35	599.802	599.074	-0.728
15	36	600.301	599.324	-0.977
15	37	600.551	599.823	-0.728
15	38	600.301	600.447	0.146
15	39	601.425	601.696	0.271
30	40	601.550	600.947	-0.603
30	41	600.801	599.948	-0.853
30	42	600.801	601.696	0.895
30	43	600.426	600.198	-0.228
30	44	601.925	600.572	-1.353
35	45	600.551	600.073	-0.478
35	46	599.552	599.948	0.396
35	47	600.551	600.323	-0.228
35	48	600.176	599.823	-0.353
35	49	598.677	598.824	0.147
50	50	600.176	600.697	0.521
50	51	600.301	600.323	0.022
50	52	598.553	599.199	0.646
50	53	599.677	599.698	0.021
50	54	600.426	600.198	-0.228
55	55	600.926	599.698	-1.228
55	56	600.926	600.697	-0.229
55	57	601.176	600.572	-0.604
55	58	600.301	600.572	0.271
55	59	601.176	600.947	-0.229
100	60	599.677	600.572	0.895
100	61	599.926	600.198	0.272
100	62	601.300	601.322	0.022
100	63	601.550	600.947	-0.603
100	64	598.927	598.574	-0.353
105	65	599.552	600.447	0.895
105	66	599.427	600.572	1.145
105	67	601.425	601.072	-0.353
105	68	601.675	600.572	-1.103
105	69	599.926	600.073	0.147
	Max	602.425	601.946	1.145
	Average	600.572	600.358	-0.214
	Min	598.553	598.574	-2.102
	Std Dev	0.884	0.712	0.633



	13.5_VTH_SENSE2_RISI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.698	599.823	599.823	599.074	####	599.948	####	####	599.698	####	600.073
Average	600.239	600.622	600.647	600.448	####	600.672	####	####	600.497	####	600.547
Max	600.697	601.197	601.447	601.946	####	601.696	####	####	600.947	####	601.072
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

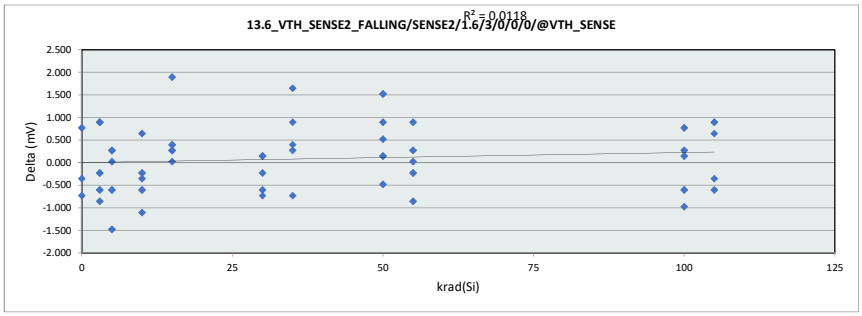


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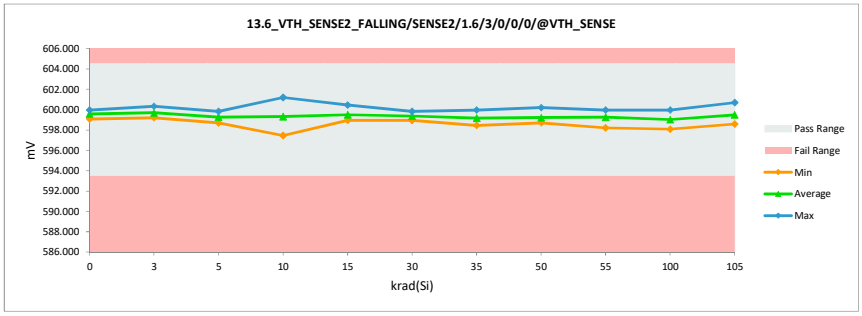
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.6_VTH_SENSE2_FALLIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.304	599.951	-0.353
0	14	599.804	599.077	-0.727
0	15	598.930	599.701	0.771
3	20	600.054	599.826	-0.228
3	21	600.054	599.202	-0.852
3	22	598.930	599.826	0.896
3	23	599.929	599.327	-0.602
3	24	599.429	600.326	0.897
5	25	599.180	599.451	0.271
5	26	599.804	599.826	0.022
5	27	599.180	599.451	0.271
5	28	599.305	598.702	-0.603
5	29	600.429	598.952	-1.477
10	30	599.804	599.451	-0.353
10	31	600.554	599.451	-1.103
10	32	599.305	599.077	-0.228
10	33	598.055	597.453	-0.602
10	34	600.554	601.200	0.646
15	35	597.056	598.952	1.896
15	36	598.930	598.952	0.022
15	37	599.180	599.576	0.396
15	38	599.305	599.576	0.271
15	39	600.179	600.450	0.271
30	40	600.054	599.327	-0.727
30	41	599.554	598.952	-0.602
30	42	600.054	599.826	-0.228
30	43	599.554	599.701	0.147
30	44	598.930	599.077	0.147
35	45	598.305	598.702	0.397
35	46	599.429	599.701	0.272
35	47	599.679	598.952	-0.727
35	48	598.305	599.951	1.646
35	49	597.556	598.452	0.896
50	50	599.055	599.202	0.147
50	51	597.931	598.827	0.896
50	52	597.681	599.202	1.521
50	53	599.679	600.201	0.522
50	54	599.180	598.702	-0.478
55	55	600.179	599.327	-0.852
55	56	598.805	599.077	0.272
55	57	599.929	599.951	0.022
55	58	598.430	598.203	-0.227
55	59	598.805	599.701	0.896
100	60	599.180	598.203	-0.977
100	61	598.555	599.327	0.772
100	62	599.804	599.951	0.147
100	63	600.179	599.576	-0.603
100	64	597.806	598.078	0.272
105	65	598.680	599.576	0.896
105	66	598.930	598.577	-0.353
105	67	599.804	600.700	0.896
105	68	599.679	599.077	-0.602
105	69	598.805	599.451	0.646
	Max	600.554	601.200	1.896
	Average	599.260	599.345	0.086
	Min	597.056	597.453	-1.477
	Std Dev	0.811	0.669	0.726



	13.6_VTH_SENSE2_FALLI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.077	599.202	598.702	597.453	####	598.952	####	####	598.203	####	598.577
Average	599.576	599.701	599.276	599.326	####	599.377	####	####	599.252	####	599.476
Max	599.951	600.326	599.826	601.200	####	599.826	####	####	599.951	####	600.700
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

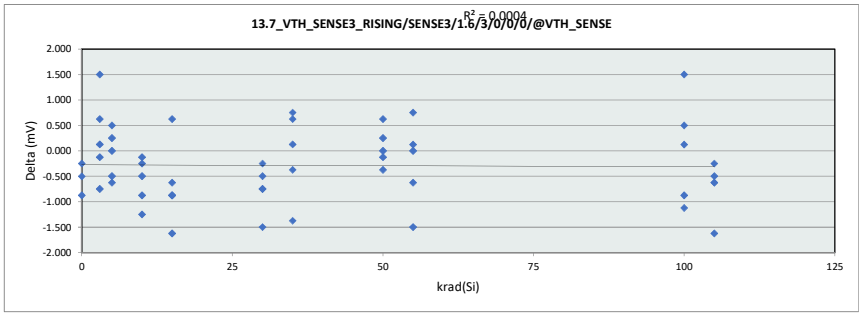


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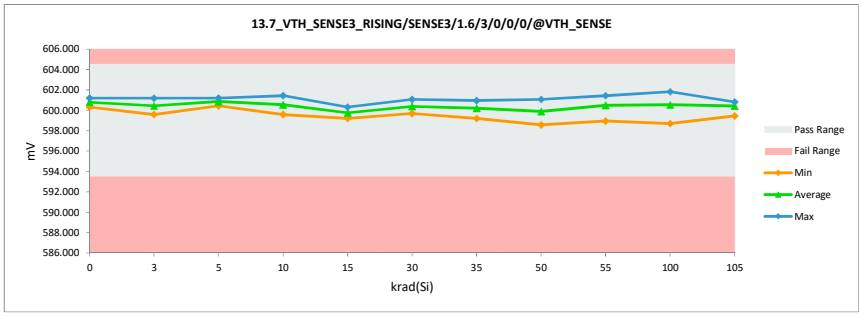
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.7_VTH_SENSE3_RISING	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.694	601.196	-0.498
0	14	601.069	600.822	-0.247
0	15	601.194	600.322	-0.872
3	20	600.569	601.196	0.627
3	21	600.569	599.822	-0.747
3	22	599.570	601.071	1.501
3	23	599.695	599.573	-0.122
3	24	600.444	600.572	0.128
5	25	600.944	600.447	-0.497
5	26	601.444	600.822	-0.622
5	27	601.194	601.196	0.002
5	28	600.320	600.822	0.502
5	29	600.819	601.071	0.252
10	30	601.194	601.071	-0.123
10	31	601.194	599.947	-1.247
10	32	600.444	599.573	-0.871
10	33	600.944	600.697	-0.247
10	34	601.943	601.446	-0.497
15	35	599.820	599.198	-0.622
15	36	600.944	599.323	-1.621
15	37	599.445	600.072	0.627
15	38	600.694	599.822	-0.872
15	39	601.194	600.322	-0.872
30	40	601.319	601.071	-0.248
30	41	601.194	599.698	-1.496
30	42	601.319	600.572	-0.747
30	43	600.694	599.947	-0.747
30	44	601.069	600.572	-0.497
35	45	600.944	599.573	-1.371
35	46	599.820	600.572	0.752
35	47	600.320	600.946	0.626
35	48	601.069	600.697	-0.372
35	49	599.070	599.198	0.128
50	50	601.069	601.071	0.002
50	51	599.820	599.448	-0.372
50	52	599.945	600.572	0.627
50	53	599.570	599.822	0.252
50	54	598.696	598.574	-0.122
55	55	602.068	600.572	-1.496
55	56	600.944	601.071	0.127
55	57	600.444	600.447	0.003
55	58	599.570	598.948	-0.622
55	59	600.694	601.446	0.752
100	60	600.320	601.821	1.501
100	61	600.819	599.698	-1.121
100	62	600.819	600.946	0.127
100	63	601.069	601.571	0.502
100	64	599.570	598.698	-0.872
105	65	601.319	600.822	-0.497
105	66	600.944	600.697	-0.247
105	67	601.069	599.448	-1.621
105	68	601.319	600.697	-0.622
105	69	601.069	600.447	-0.622
	Max	602.068	601.821	1.501
	Average	600.666	600.379	-0.287
	Min	598.696	598.574	-1.621
	Std Dev	0.723	0.769	0.723



	13.7_VTH_SENSE3_RISI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.322	599.573	600.447	599.573	####	599.698	####	####	598.948	####	599.448
Average	600.780	600.447	600.872	600.547	####	600.372	####	####	600.497	####	600.422
Max	601.196	601.196	601.196	601.446	####	601.071	####	####	601.446	####	600.822
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

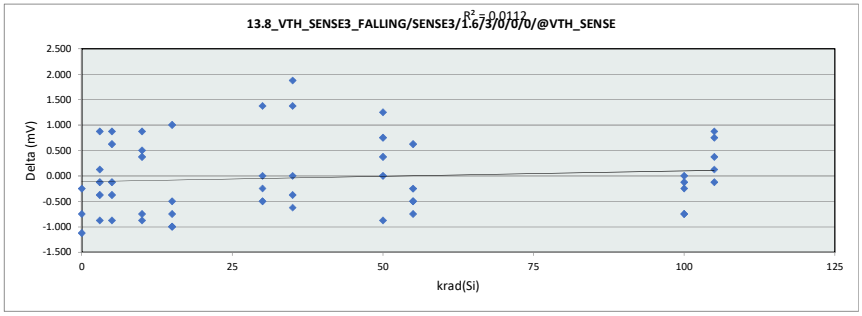


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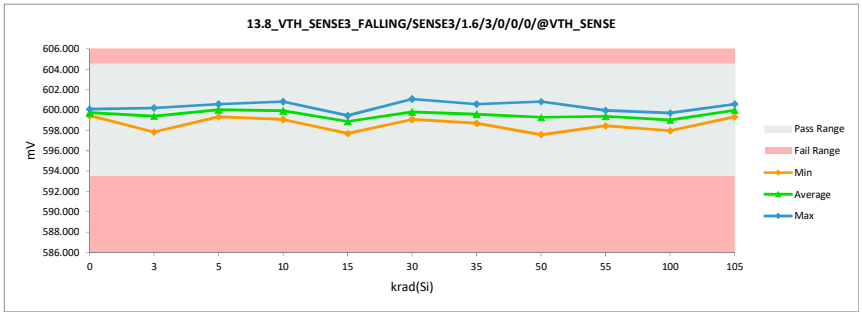
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.8_VTH_SENSE3_FALLIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.821	600.075	-0.746
0	14	600.572	599.451	-1.121
0	15	599.947	599.700	-0.247
3	20	600.322	599.451	-0.871
3	21	599.322	600.200	0.878
3	22	599.822	599.451	-0.371
3	23	597.948	597.827	-0.121
3	24	599.947	600.075	0.128
5	25	599.073	599.700	0.627
5	26	599.697	600.575	0.878
5	27	600.447	600.325	-0.122
5	28	599.697	599.326	-0.371
5	29	601.071	600.200	-0.871
10	30	600.447	600.824	0.377
10	31	598.823	599.700	0.877
10	32	599.822	599.076	-0.746
10	33	598.948	599.451	0.503
10	34	601.446	600.575	-0.871
15	35	598.698	597.702	-0.996
15	36	599.447	598.452	-0.995
15	37	598.448	599.451	1.003
15	38	600.072	599.326	-0.746
15	39	599.947	599.451	-0.496
30	40	599.697	601.074	1.377
30	41	599.572	599.076	-0.496
30	42	600.197	599.700	-0.497
30	43	599.572	599.576	0.004
30	44	599.822	599.576	-0.246
35	45	600.197	599.576	-0.621
35	46	598.698	600.575	1.877
35	47	599.322	598.951	-0.371
35	48	600.072	600.075	0.003
35	49	597.324	598.701	1.377
50	50	600.072	600.824	0.752
50	51	598.448	598.826	0.378
50	52	598.323	599.576	1.253
50	53	599.572	599.576	0.004
50	54	598.448	597.577	-0.871
55	55	599.322	598.826	-0.496
55	56	600.072	599.825	-0.247
55	57	599.322	599.950	0.628
55	58	599.197	598.452	-0.745
55	59	600.322	599.825	-0.497
100	60	599.822	599.700	-0.122
100	61	598.448	598.452	0.004
100	62	600.322	599.576	-0.746
100	63	600.197	599.451	-0.746
100	64	598.198	597.952	-0.246
105	65	599.697	600.575	0.878
105	66	598.698	599.451	0.753
105	67	600.322	600.450	0.128
105	68	600.197	600.075	-0.122
105	69	598.948	599.326	0.378
	Max	601.446	601.074	1.877
	Average	599.570	599.538	-0.032
	Min	597.324	597.577	-1.121
	Std Dev	0.831	0.794	0.727



	13.8_VTH_SENSE3_FALLI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.451	597.827	599.326	599.076	####	599.076	####	####	598.452	####	599.326
Average	599.742	599.401	600.025	599.925	####	599.800	####	####	599.376	####	599.975
Max	600.075	600.200	600.575	600.824	####	601.074	####	####	599.950	####	600.575
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

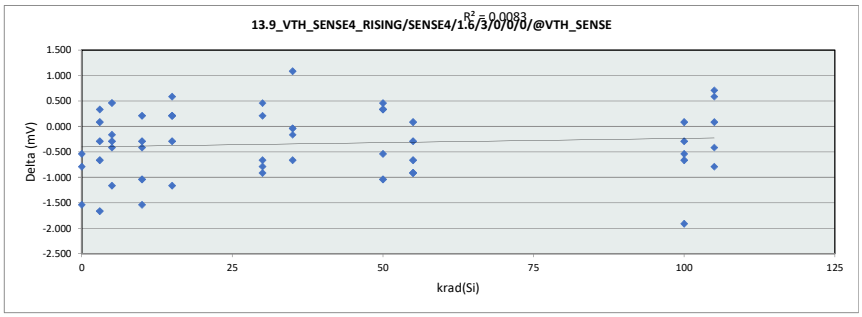


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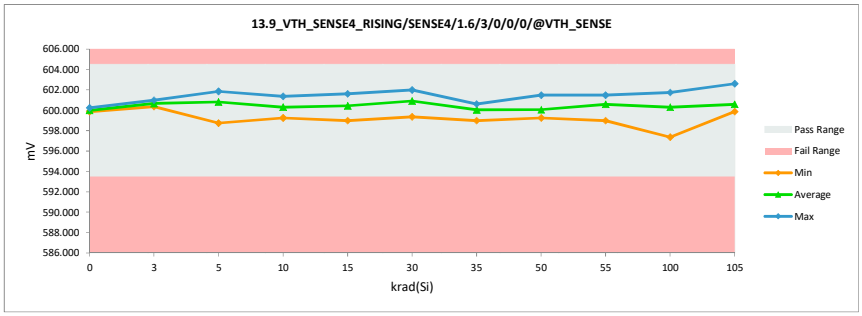
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.9_VTH_SENSE4_RISING	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.655	599.866	-0.789
0	14	600.780	600.241	-0.539
0	15	601.404	599.866	-1.538
3	20	601.279	600.616	-0.663
3	21	600.655	600.990	0.335
3	22	602.154	600.491	-1.663
3	23	600.780	600.865	0.085
3	24	600.655	600.366	-0.289
5	25	599.905	598.742	-1.163
5	26	601.279	601.115	-0.164
5	27	601.279	601.740	0.461
5	28	600.905	600.616	-0.289
5	29	602.279	601.864	-0.415
10	30	600.905	599.866	-1.039
10	31	601.030	600.740	-0.290
10	32	600.155	600.366	0.211
10	33	600.780	599.242	-1.538
10	34	601.779	601.365	-0.414
15	35	600.155	598.992	-1.163
15	36	599.281	598.992	-0.289
15	37	601.030	601.240	0.210
15	38	600.780	601.365	0.585
15	39	601.404	601.615	0.211
30	40	601.529	601.989	0.460
30	41	601.404	600.616	-0.788
30	42	601.654	600.740	-0.914
30	43	600.030	599.367	-0.663
30	44	601.654	601.864	0.210
35	45	598.906	599.991	1.085
35	46	600.030	599.991	-0.039
35	47	601.279	600.616	-0.663
35	48	600.655	600.616	-0.039
35	49	599.156	598.992	-0.164
50	50	601.030	601.490	0.460
50	51	599.531	599.866	0.335
50	52	598.906	599.242	0.336
50	53	600.280	599.741	-0.539
50	54	601.030	599.991	-1.039
55	55	601.779	600.865	-0.914
55	56	601.404	601.490	0.086
55	57	601.654	601.365	-0.289
55	58	599.905	598.992	-0.913
55	59	600.905	600.241	-0.664
100	60	600.530	600.241	-0.289
100	61	600.905	600.990	0.085
100	62	602.404	601.740	-0.664
100	63	601.779	601.240	-0.539
100	64	599.281	597.368	-1.913
105	65	600.155	600.241	0.086
105	66	599.156	599.866	0.710
105	67	601.155	600.366	-0.789
105	68	602.029	602.614	0.585
105	69	600.280	599.866	-0.414
	Max	602.404	602.614	1.085
	Average	600.787	600.448	-0.339
	Min	598.906	597.368	-1.913
	Std Dev	0.877	0.997	0.651



	13.9_VTH_SENSE4_RISI										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.866	600.366	598.742	599.242	####	599.367	####	####	598.992	####	599.866
Average	599.991	600.666	600.815	600.316	####	600.915	####	####	600.591	####	600.591
Max	600.241	600.990	601.864	601.365	####	601.989	####	####	601.490	####	602.614
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

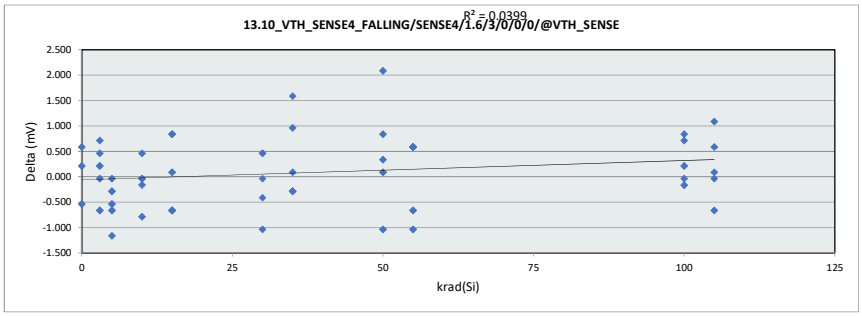


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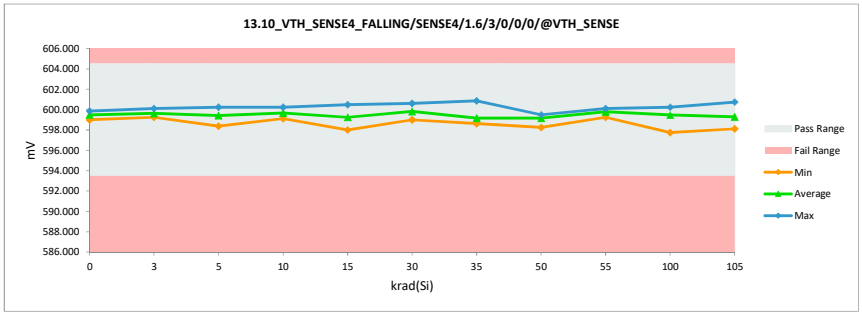
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.10_VTH_SENSE4_FALLI	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.157	599.619	-0.538
0	14	599.283	599.869	0.586
0	15	598.783	598.995	0.212
3	20	599.658	600.119	0.461
3	21	598.658	599.369	0.711
3	22	599.658	599.869	0.211
3	23	600.282	599.619	-0.663
3	24	599.283	599.244	-0.039
5	25	598.409	598.370	-0.039
5	26	600.907	600.244	-0.663
5	27	600.907	599.744	-1.163
5	28	599.533	598.995	-0.538
5	29	600.032	599.744	-0.288
10	30	599.908	599.869	-0.039
10	31	599.658	599.619	-0.039
10	32	600.282	599.494	-0.788
10	33	599.283	599.120	-0.163
10	34	599.783	600.244	0.461
15	35	598.658	597.995	-0.663
15	36	597.909	597.995	0.086
15	37	599.408	600.244	0.836
15	38	599.658	600.493	0.835
15	39	600.157	599.494	-0.663
30	40	600.532	600.119	-0.413
30	41	600.032	598.995	-1.037
30	42	599.783	599.744	-0.039
30	43	599.158	599.619	0.461
30	44	600.157	600.618	0.461
35	45	598.908	598.620	-0.288
35	46	599.283	598.995	-0.288
35	47	599.283	600.868	1.585
35	48	598.533	598.620	0.087
35	49	597.784	598.745	0.961
50	50	599.283	599.369	0.086
50	51	599.283	598.245	-1.038
50	52	597.409	599.494	2.085
50	53	598.533	599.369	0.836
50	54	599.033	599.369	0.336
55	55	600.407	599.744	-0.663
55	56	601.157	600.119	-1.038
55	57	599.533	600.119	0.586
55	58	598.658	599.244	0.586
55	59	599.158	599.744	0.586
100	60	598.783	599.494	0.711
100	61	600.032	600.244	0.212
100	62	600.157	600.119	-0.038
100	63	599.908	599.744	-0.164
100	64	596.910	597.746	0.836
105	65	598.034	598.620	0.586
105	66	597.909	598.995	1.086
105	67	600.032	599.994	-0.038
105	68	601.407	600.743	-0.664
105	69	598.034	598.120	0.086
	Max	601.407	600.868	2.085
	Average	599.384	599.471	0.086
	Min	596.910	597.746	-1.163
	Std Dev	0.950	0.730	0.681



	13.10_VTH_SENSE4_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	598.995	599.244	598.370	599.120	####	598.995	####	####	599.244	####	598.120
Average	599.494	599.644	599.419	599.669	####	599.819	####	####	599.794	####	599.294
Max	599.869	600.119	600.244	600.244	####	600.618	####	####	600.119	####	600.743
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

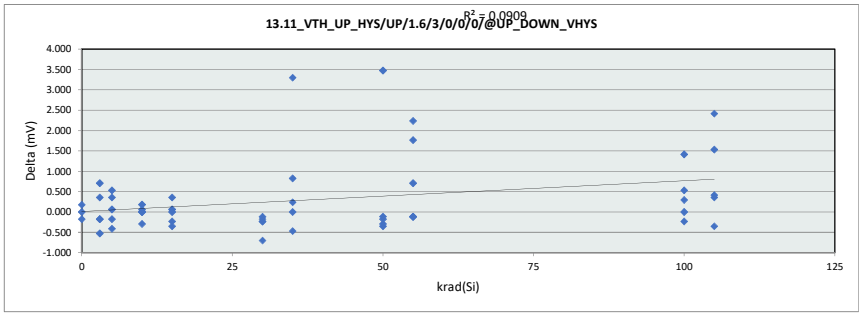


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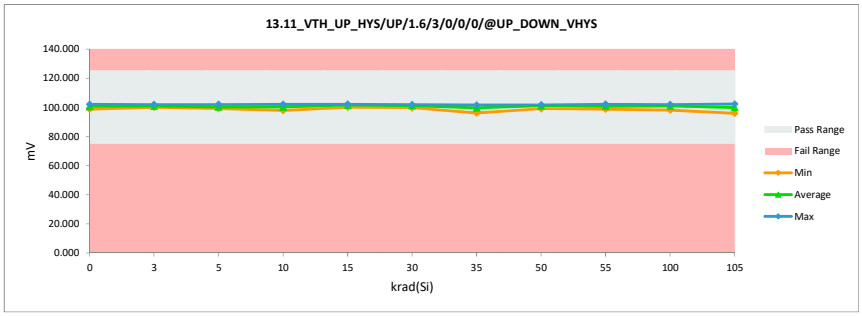
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.11_VTH_UP_HYS/UP/1	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	150	125
Min Limit	50	75

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	102.236	102.060	-0.176
0	14	101.118	101.294	0.176
0	15	98.764	98.764	0.000
3	20	102.119	101.589	-0.530
3	21	99.706	100.412	0.706
3	22	102.119	101.942	-0.177
3	23	99.765	100.118	0.353
3	24	100.530	100.354	-0.176
5	25	100.294	100.824	0.530
5	26	99.176	99.235	0.059
5	27	100.177	100.530	0.353
5	28	102.119	101.943	-0.176
5	29	99.706	99.293	-0.413
10	30	102.060	102.060	0.000
10	31	97.822	97.999	0.177
10	32	102.237	101.942	-0.295
10	33	98.706	98.764	0.058
10	34	101.000	101.001	0.001
15	35	102.178	102.178	0.000
15	36	99.705	100.059	0.354
15	37	101.825	101.884	0.059
15	38	102.236	102.001	-0.235
15	39	101.943	101.590	-0.353
30	40	102.177	101.472	-0.705
30	41	101.706	101.472	-0.234
30	42	102.060	101.883	-0.177
30	43	100.059	99.823	-0.236
30	44	101.825	101.707	-0.118
35	45	102.060	101.589	-0.471
35	46	97.469	100.766	3.297
35	47	97.528	98.352	0.824
35	48	95.939	96.174	0.235
35	49	101.589	101.589	0.000
50	50	102.060	101.766	-0.294
50	51	102.060	101.707	-0.353
50	52	95.644	99.117	3.473
50	53	101.884	101.707	-0.177
50	54	101.353	101.236	-0.117
55	55	100.177	101.942	1.765
55	56	96.469	98.705	2.236
55	57	102.296	102.178	-0.118
55	58	101.354	102.060	0.706
55	59	99.353	99.235	-0.118
100	60	101.706	102.001	0.295
100	61	102.060	101.825	-0.235
100	62	99.823	101.236	1.413
100	63	97.705	98.234	0.529
100	64	101.648	101.648	0.000
105	65	95.586	95.939	0.353
105	66	98.999	100.529	1.530
105	67	98.999	98.646	-0.353
105	68	99.941	102.354	2.413
105	69	101.413	101.824	0.411
	Max	102.296	102.354	3.473
	Average	100.386	100.690	0.303
	Min	95.586	95.939	-0.705
	Std Dev	1.915	1.558	0.895



	13.11_VTH_UP_HYS/UP/										
Test Site											
Tester											
Test Number											
Max Limit	125	mV									
Min Limit	75	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000
Min	98.764	100.118	99.235	97.999	####	99.823	96.174	99.117	98.705	98.234	95.939
Average	100.706	100.883	100.365	100.353	####	101.271	99.694	####	100.824	####	99.858
Max	102.060	101.942	101.943	102.060	####	101.883	####	####	102.178	####	102.354
UL	125.000	125.000	125.000	125.000	####	125.000	####	####	125.000	####	125.000

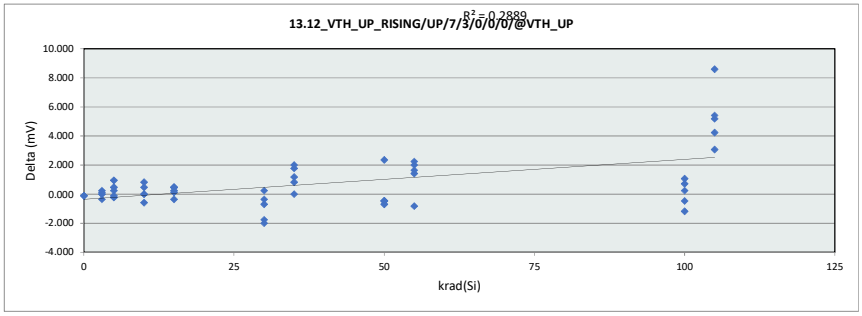


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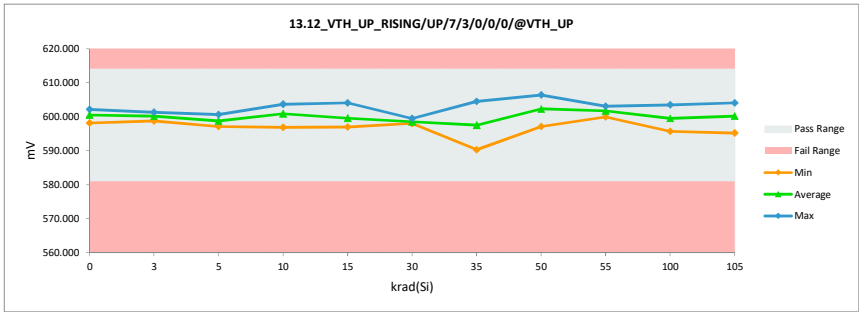
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.12_VTH_UP_RISING/U	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	615	614
Min Limit	580	581

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.236	601.118	-0.118
0	14	602.295	602.178	-0.117
0	15	598.293	598.175	-0.118
3	20	601.707	601.354	-0.353
3	21	598.529	598.764	0.235
3	22	599.941	600.059	0.118
3	23	599.706	599.706	0.000
3	24	601.001	601.001	0.000
5	25	598.999	599.941	0.942
5	26	596.881	597.116	0.235
5	27	597.116	597.587	0.471
5	28	598.882	598.764	-0.118
5	29	600.883	600.647	-0.236
10	30	602.884	603.708	0.824
10	31	600.412	600.412	0.000
10	32	600.412	600.883	0.471
10	33	596.881	596.881	0.000
10	34	603.237	602.649	-0.588
15	35	597.822	598.058	0.236
15	36	597.351	597.822	0.471
15	37	596.527	596.998	0.471
15	38	603.943	604.061	0.118
15	39	601.354	601.001	-0.353
30	40	599.823	598.058	-1.765
30	41	598.999	598.293	-0.706
30	42	598.999	598.646	-0.353
30	43	599.235	599.470	0.235
30	44	600.177	598.175	-2.002
35	45	604.532	604.532	0.000
35	46	598.411	600.177	1.766
35	47	594.291	595.468	1.177
35	48	589.464	590.288	0.824
35	49	595.115	597.116	2.001
50	50	604.650	604.179	-0.471
50	51	603.943	603.237	-0.706
50	52	594.762	597.116	2.354
50	53	606.886	606.416	-0.470
50	54	601.118	600.647	-0.471
55	55	598.529	599.941	1.412
55	56	599.470	601.118	1.648
55	57	603.473	602.649	-0.824
55	58	599.706	601.707	2.001
55	59	600.883	603.119	2.236
100	60	599.235	598.058	-1.177
100	61	603.943	603.473	-0.470
100	62	594.997	595.703	0.706
100	63	598.999	599.235	0.236
100	64	600.177	601.236	1.059
105	65	594.997	599.235	4.238
105	66	595.232	600.647	5.415
105	67	590.053	595.232	5.179
105	68	595.468	604.061	8.593
105	69	598.529	601.589	3.060
	Max	606.886	606.416	8.593
	Average	599.253	599.957	0.704
	Min	589.464	590.288	-2.002
	Std Dev	3.427	2.876	1.838



	13.12_VTH_UP_RISING/										
Test Site											
Tester											
Test Number											
Max Limit	614	mV									
Min Limit	581	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	581.000	581.000	581.000	581.000	####	581.000	####	####	581.000	####	581.000
Min	598.175	598.764	597.116	596.881	####	598.058	####	####	599.941	####	595.232
Average	600.490	600.177	598.811	600.907	####	598.528	####	####	601.707	####	600.153
Max	602.178	601.354	600.647	603.708	####	599.470	####	####	603.119	####	604.061
UL	614.000	614.000	614.000	614.000	####	614.000	####	####	614.000	####	614.000

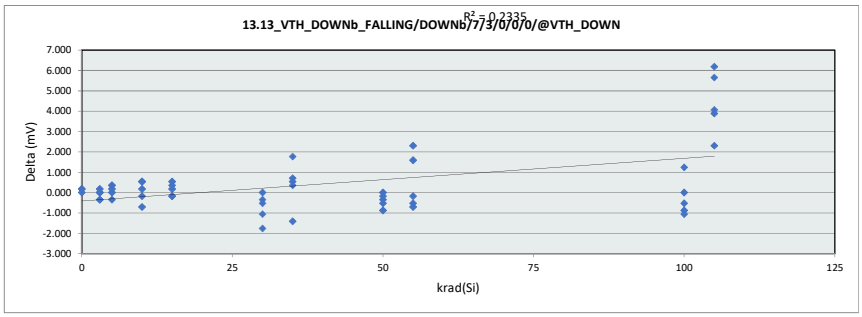


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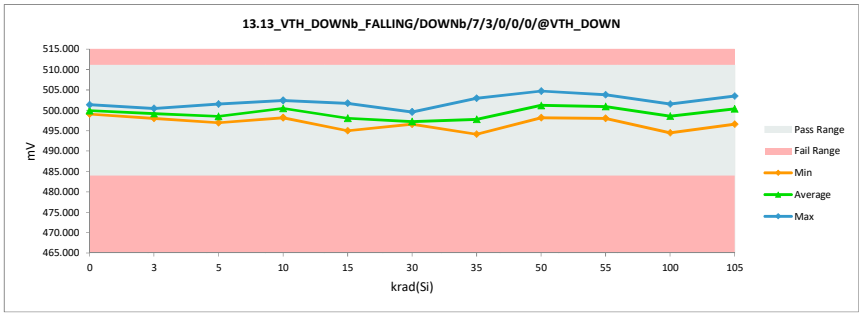
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.13_VTH_DOWNb_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	512	511
Min Limit	483	484

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	499.058	499.058	0.000
0	14	501.177	501.354	0.177
0	15	499.235	499.411	0.176
3	20	499.765	499.411	-0.354
3	21	498.705	498.352	-0.353
3	22	497.822	497.999	0.177
3	23	499.765	499.765	0.000
3	24	500.471	500.471	0.000
5	25	499.058	498.705	-0.353
5	26	497.822	498.175	0.353
5	27	496.763	497.116	0.353
5	28	496.939	496.939	0.000
5	29	501.354	501.530	0.176
10	30	501.001	501.530	0.529
10	31	502.590	502.413	-0.177
10	32	498.175	498.705	0.530
10	33	497.999	498.175	0.176
10	34	502.237	501.530	-0.707
15	35	495.703	496.057	0.354
15	36	497.646	498.175	0.529
15	37	494.820	494.997	0.177
15	38	501.883	501.707	-0.176
15	39	499.411	499.235	-0.176
30	40	497.646	496.586	-1.060
30	41	497.293	496.763	-0.530
30	42	496.939	496.586	-0.353
30	43	499.588	499.588	0.000
30	44	498.352	496.586	-1.766
35	45	502.590	502.943	0.353
35	46	500.824	499.411	-1.413
35	47	496.586	497.116	0.530
35	48	493.408	494.114	0.706
35	49	493.584	495.350	1.766
50	50	502.590	502.413	-0.177
50	51	501.883	501.530	-0.353
50	52	499.058	498.175	-0.883
50	53	504.709	504.709	0.000
50	54	499.765	499.235	-0.530
55	55	498.175	497.999	-0.176
55	56	502.943	502.413	-0.530
55	57	501.177	500.471	-0.706
55	58	498.175	499.765	1.590
55	59	501.530	503.826	2.296
100	60	497.293	496.233	-1.060
100	61	502.060	501.530	-0.530
100	62	495.350	494.467	-0.883
100	63	501.177	501.177	0.000
100	64	498.175	499.411	1.236
105	65	499.411	503.473	4.062
105	66	496.057	499.941	3.884
105	67	490.936	496.586	5.650
105	68	495.880	502.060	6.180
105	69	497.293	499.588	2.295
	Max	504.709	504.709	6.180
	Average	498.865	499.261	0.396
	Min	490.936	494.114	-1.766
	Std Dev	2.721	2.499	1.552



	13.13_VTH_DOWNb_FAL										
Test Site											
Tester											
Test Number											
Max Limit	511	mV									
Min Limit	484	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	484.000	484.000	484.000	484.000	####	484.000	####	####	484.000	####	484.000
Min	499.058	497.999	496.939	498.175	####	496.586	####	####	497.999	####	496.586
Average	499.941	499.200	498.493	500.471	####	497.222	####	####	500.895	####	500.330
Max	501.354	500.471	501.530	502.413	####	499.588	####	####	503.826	####	503.473
UL	511.000	511.000	511.000	511.000	####	511.000	####	####	511.000	####	511.000

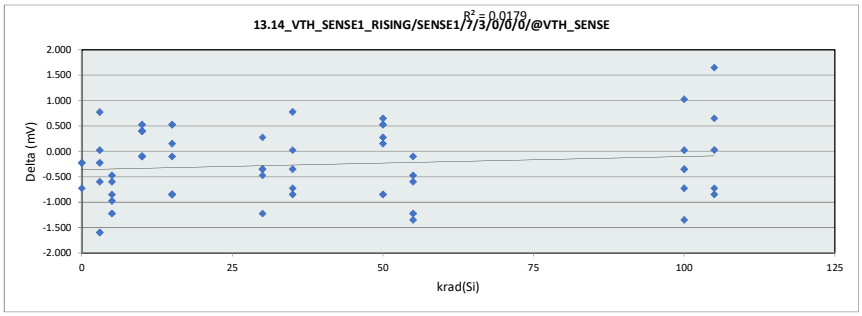


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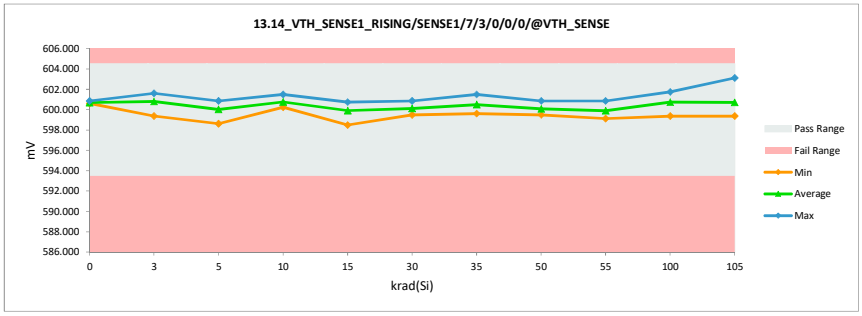
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.14_VTH_SENSE1_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.836	600.611	-0.225
0	14	601.086	600.861	-0.225
0	15	601.336	600.611	-0.725
3	20	601.086	600.861	-0.225
3	21	600.836	601.610	0.774
3	22	600.961	599.363	-1.598
3	23	601.586	601.610	0.024
3	24	601.211	600.611	-0.600
5	25	599.837	598.613	-1.224
5	26	601.336	600.861	-0.475
5	27	601.586	600.611	-0.975
5	28	600.087	599.487	-0.600
5	29	601.336	600.486	-0.850
10	30	601.086	601.486	0.400
10	31	600.336	600.861	0.525
10	32	600.461	600.861	0.400
10	33	600.336	600.237	-0.099
10	34	600.461	600.362	-0.099
15	35	599.337	598.488	-0.849
15	36	600.711	599.862	-0.849
15	37	599.962	599.862	-0.100
15	38	600.211	600.736	0.525
15	39	600.461	600.611	0.150
30	40	599.962	600.237	0.275
30	41	599.962	599.487	-0.475
30	42	600.461	600.112	-0.349
30	43	601.086	599.862	-1.224
30	44	601.211	600.861	-0.350
35	45	599.587	599.612	0.025
35	46	600.836	600.486	-0.350
35	47	602.335	601.486	-0.849
35	48	601.461	600.736	-0.725
35	49	599.337	600.112	0.775
50	50	600.586	600.861	0.275
50	51	600.711	599.862	-0.849
50	52	598.962	599.487	0.525
50	53	599.962	600.611	0.649
50	54	599.462	599.612	0.150
55	55	601.086	599.737	-1.349
55	56	601.461	600.861	-0.600
55	57	600.336	599.113	-1.223
55	58	599.962	599.862	-0.100
55	59	600.336	599.862	-0.474
100	60	599.962	600.986	1.024
100	61	600.961	600.986	0.025
100	62	602.460	601.735	-0.725
100	63	601.960	600.611	-1.349
100	64	599.712	599.363	-0.349
105	65	600.961	600.112	-0.849
105	66	599.337	599.363	0.026
105	67	601.586	600.861	-0.725
105	68	601.461	603.109	1.648
105	69	599.462	600.112	0.650
	Max	602.460	603.109	1.648
	Average	600.631	600.371	-0.260
	Min	598.962	598.488	-1.598
	Std Dev	0.799	0.827	0.680



	13.14_VTH_SENSE1_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.611	599.363	598.613	600.237	####	599.487	####	####	599.113	####	599.363
Average	600.694	600.811	600.012	600.761	####	600.112	####	####	599.887	####	600.711
Max	600.861	601.610	600.861	601.486	####	600.861	####	####	600.861	####	603.109
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

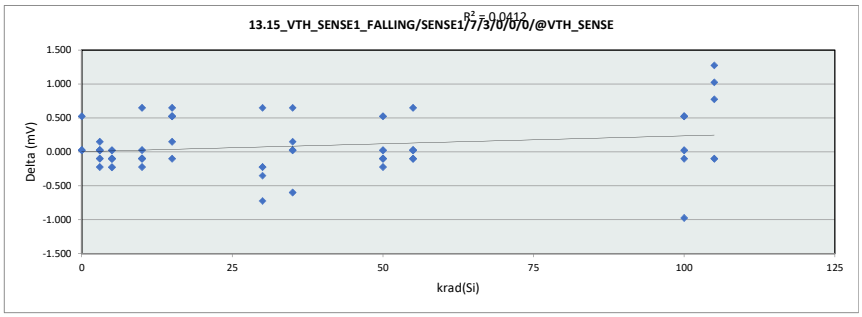


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

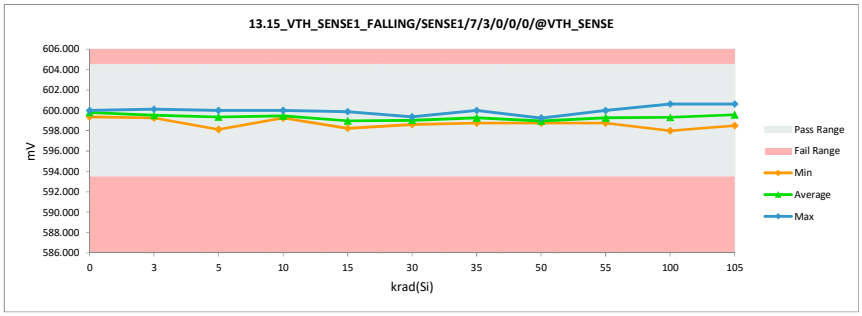
	13.15_VTH_SENSE1_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	599.964	599.990	0.026
0	14	599.464	599.990	0.526
0	15	599.339	599.366	0.027
3	20	599.339	599.241	-0.098
3	21	599.339	599.366	0.027
3	22	599.589	599.366	-0.223
3	23	599.964	600.115	0.151
3	24	599.464	599.490	0.026
5	25	598.215	598.117	-0.098
5	26	600.089	599.990	-0.099
5	27	599.964	599.990	0.026
5	28	598.840	598.616	-0.224
5	29	600.089	599.990	-0.099
10	30	599.339	599.990	0.651
10	31	599.464	599.366	-0.098
10	32	599.339	599.366	0.027
10	33	599.339	599.241	-0.098
10	34	599.464	599.241	-0.223
15	35	597.591	598.242	0.651
15	36	598.715	598.616	-0.099
15	37	598.090	598.616	0.526
15	38	599.339	599.490	0.151
15	39	599.339	599.865	0.526
30	40	599.589	599.366	-0.223
30	41	599.339	598.616	-0.723
30	42	598.590	599.241	0.651
30	43	598.965	598.616	-0.349
30	44	599.464	599.241	-0.223
35	45	598.715	598.741	0.026
35	46	599.339	599.490	0.151
35	47	600.589	599.990	-0.599
35	48	599.339	599.366	0.027
35	49	598.090	598.741	0.651
50	50	599.464	599.241	-0.223
50	51	598.715	598.741	0.026
50	52	598.215	598.741	0.526
50	53	599.339	599.241	-0.098
50	54	598.840	598.741	-0.099
55	55	599.339	599.366	0.027
55	56	600.089	599.990	-0.099
55	57	598.840	598.866	0.026
55	58	598.840	598.741	-0.099
55	59	598.715	599.366	0.651
100	60	598.715	598.616	-0.099
100	61	599.464	599.490	0.026
100	62	600.838	599.865	-0.973
100	63	600.089	600.614	0.525
100	64	597.466	597.992	0.526
105	65	598.715	599.990	1.275
105	66	597.466	598.491	1.025
105	67	599.964	599.865	-0.099
105	68	600.713	600.614	-0.099
105	69	598.090	598.866	0.776
	Max	600.838	600.614	1.275
	Average	599.200	599.293	0.092
	Min	597.466	597.992	-0.973
	Std Dev	0.760	0.612	0.418



	13.15_VTH_SENSE1_FAL	
Test Site		
Tester		
Test Number		
Max Limit	604.5	mV
Min Limit	593.5	mV

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.366	599.241	598.117	599.241	####	598.616	####	####	598.741	####	598.491
Average	599.782	599.516	599.341	599.441	####	599.016	####	####	599.266	####	599.565
Max	599.990	600.115	599.990	599.990	####	599.366	####	####	599.990	####	600.614
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

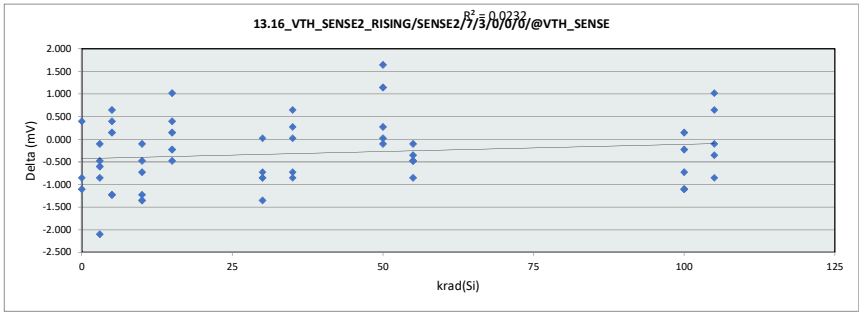


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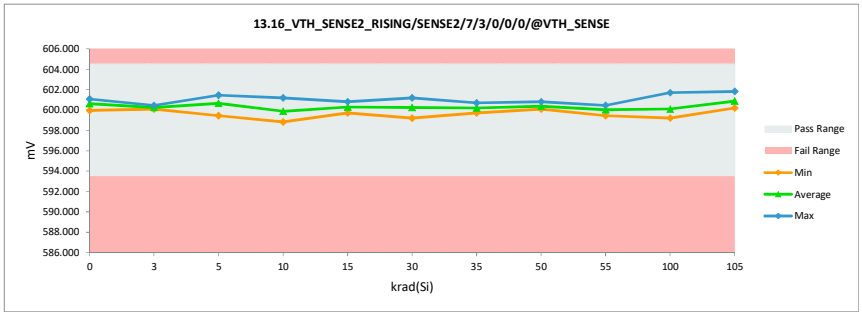
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.16_VTH_SENSE2_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.925	601.072	-0.853
0	14	600.426	600.822	0.396
0	15	601.051	599.948	-1.103
3	20	600.926	600.073	-0.853
3	21	602.300	600.198	-2.102
3	22	600.801	600.198	-0.603
3	23	600.801	600.323	-0.478
3	24	600.551	600.447	-0.104
5	25	600.176	600.822	0.646
5	26	601.800	600.572	-1.228
5	27	601.300	601.447	0.147
5	28	600.676	599.448	-1.228
5	29	600.551	600.947	0.396
10	30	600.301	600.198	-0.103
10	31	600.051	599.324	-0.727
10	32	601.176	599.823	-1.353
10	33	600.051	598.824	-1.227
10	34	601.675	601.197	-0.478
15	35	599.677	599.823	0.146
15	36	599.427	600.447	1.020
15	37	600.176	599.698	-0.478
15	38	600.426	600.822	0.396
15	39	600.926	600.697	-0.229
30	40	601.051	601.072	0.021
30	41	600.551	599.199	-1.352
30	42	601.925	601.197	-0.728
30	43	600.926	600.073	-0.853
30	44	600.551	599.698	-0.853
35	45	600.176	600.447	0.271
35	46	601.176	600.323	-0.853
35	47	600.676	600.697	0.021
35	48	600.551	599.823	-0.728
35	49	599.052	599.698	0.646
50	50	600.426	600.323	-0.103
50	51	600.051	600.073	0.022
50	52	598.428	600.073	1.645
50	53	599.677	600.822	1.145
50	54	600.301	600.572	0.271
55	55	601.051	600.198	-0.853
55	56	600.176	599.698	-0.478
55	57	600.801	600.447	-0.354
55	58	599.552	599.448	-0.104
55	59	600.801	600.323	-0.478
100	60	600.301	600.073	-0.228
100	61	600.426	599.324	-1.102
100	62	601.300	600.198	-1.102
100	63	601.550	601.696	0.146
100	64	599.926	599.199	-0.727
105	65	600.426	601.447	1.021
105	66	599.552	600.198	0.646
105	67	602.175	601.821	-0.354
105	68	601.425	600.572	-0.853
105	69	600.426	600.323	-0.103
	Max	602.300	601.821	1.645
	Average	600.615	600.306	-0.309
	Min	598.428	598.824	-2.102
	Std Dev	0.769	0.656	0.738



	13.16_VTH_SENSE2_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.948	600.073	599.448	598.824	####	599.199	####	####	599.448	####	600.198
Average	600.614	600.248	600.647	599.873	####	600.248	####	####	600.023	####	600.872
Max	601.072	600.447	601.447	601.197	####	601.197	####	####	600.447	####	601.821
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

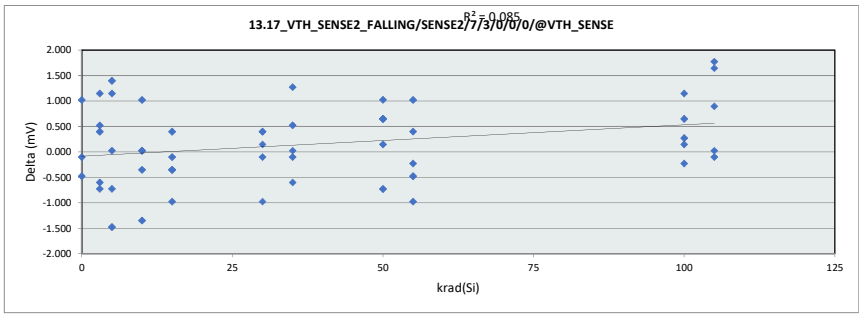


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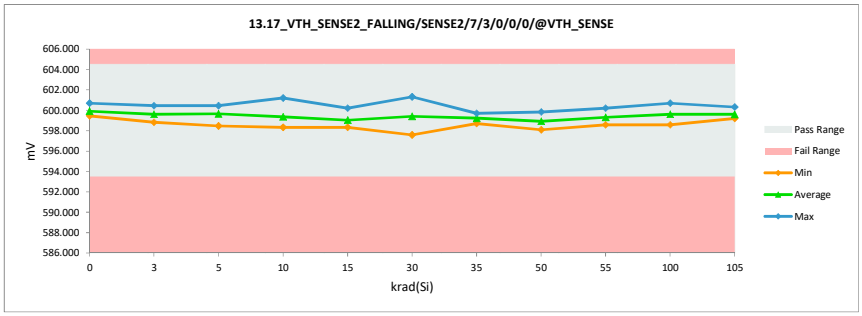
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.17_VTH_SENSE2_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	599.679	600.700	1.021
0	14	599.929	599.451	-0.478
0	15	599.679	599.576	-0.103
3	20	599.554	599.951	0.397
3	21	599.804	599.077	-0.727
3	22	598.680	599.826	1.146
3	23	599.429	598.827	-0.602
3	24	599.929	600.450	0.521
5	25	599.929	598.452	-1.477
5	26	599.804	599.826	0.022
5	27	599.055	600.450	1.395
5	28	598.430	599.576	1.146
5	29	600.678	599.951	-0.727
10	30	599.679	599.327	-0.352
10	31	599.929	598.577	-1.352
10	32	599.305	599.327	0.022
10	33	597.306	598.327	1.021
10	34	601.178	601.200	0.022
15	35	598.680	598.327	-0.353
15	36	599.180	599.077	-0.103
15	37	599.180	598.827	-0.353
15	38	599.679	598.702	-0.977
15	39	599.804	600.201	0.397
30	40	599.554	599.951	0.397
30	41	598.555	597.578	-0.977
30	42	600.928	601.325	0.397
30	43	598.930	599.077	0.147
30	44	599.180	599.077	-0.103
35	45	599.305	598.702	-0.603
35	46	598.805	599.327	0.522
35	47	599.429	599.451	0.022
35	48	599.804	599.701	-0.103
35	49	597.681	598.952	1.271
50	50	599.180	598.452	-0.728
50	51	598.805	598.952	0.147
50	52	597.056	598.078	1.022
50	53	599.180	599.826	0.646
50	54	598.680	599.327	0.647
55	55	599.554	598.577	-0.977
55	56	599.429	598.952	-0.477
55	57	599.804	599.576	-0.228
55	58	598.805	599.202	0.397
55	59	599.180	600.201	1.021
100	60	599.055	599.701	0.646
100	61	599.305	599.451	0.146
100	62	599.929	599.701	-0.228
100	63	599.554	600.700	1.146
100	64	598.305	598.577	0.272
105	65	597.931	599.576	1.645
105	66	597.431	599.202	1.771
105	67	600.304	600.326	0.022
105	68	599.804	599.701	-0.103
105	69	598.305	599.202	0.897
	Max	601.178	601.325	1.771
	Average	599.250	599.404	0.154
	Min	597.056	597.578	-1.477
	Std Dev	0.830	0.767	0.759



	13.17_VTH_SENSE2_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.451	598.827	598.452	598.327	####	597.578	####	####	598.577	####	599.202
Average	599.909	599.626	599.651	599.352	####	599.402	####	####	599.302	####	599.601
Max	600.700	600.450	600.450	601.200	####	601.325	####	####	600.201	####	600.326
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

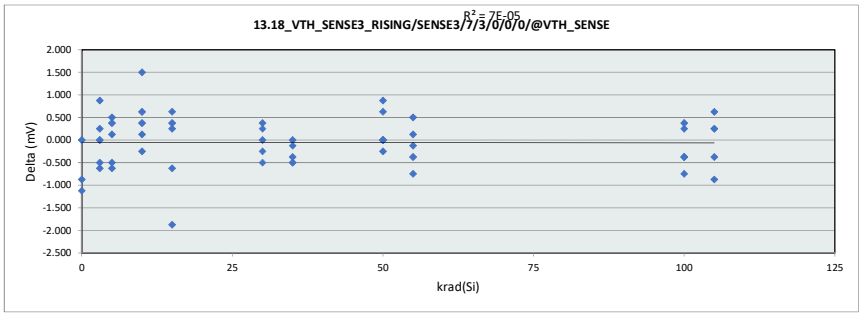


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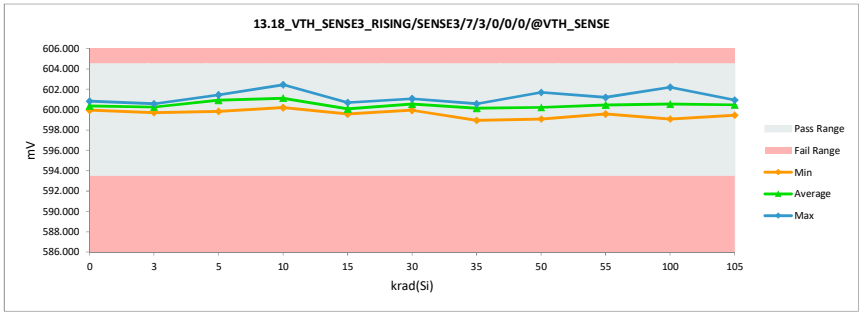
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.18_VTH_SENSE3_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.943	600.822	-1.121
0	14	600.320	600.322	0.002
0	15	600.819	599.947	-0.872
3	20	600.320	600.322	0.002
3	21	600.819	600.322	-0.497
3	22	600.320	600.572	0.252
3	23	598.821	599.698	0.877
3	24	600.944	600.322	-0.622
5	25	600.320	600.822	0.502
5	26	600.944	601.321	0.377
5	27	601.319	601.446	0.127
5	28	600.320	599.822	-0.498
5	29	601.819	601.196	-0.623
10	30	600.320	601.821	1.501
10	31	600.070	600.197	0.127
10	32	600.569	600.946	0.377
10	33	600.444	600.197	-0.247
10	34	601.819	602.445	0.626
15	35	599.695	600.072	0.377
15	36	599.570	600.197	0.627
15	37	600.195	599.573	-0.622
15	38	600.444	600.697	0.253
15	39	601.694	599.822	-1.872
30	40	601.569	601.071	-0.498
30	41	600.320	600.572	0.252
30	42	601.069	600.822	-0.247
30	43	599.945	600.322	0.377
30	44	599.945	599.947	0.002
35	45	600.569	600.447	-0.122
35	46	600.819	600.322	-0.497
35	47	600.569	600.572	0.003
35	48	600.819	600.447	-0.372
35	49	599.445	598.948	-0.497
50	50	601.069	601.696	0.627
50	51	599.070	599.073	0.003
50	52	600.444	600.447	0.003
50	53	600.694	600.447	-0.247
50	54	598.571	599.448	0.877
55	55	600.694	601.196	0.502
55	56	601.444	601.071	-0.373
55	57	599.695	599.573	-0.122
55	58	600.444	599.698	-0.746
55	59	600.569	600.697	0.128
100	60	600.819	600.447	-0.372
100	61	600.320	599.573	-0.747
100	62	601.069	601.446	0.377
100	63	601.943	602.195	0.252
100	64	599.445	599.073	-0.372
105	65	600.694	600.946	0.252
105	66	599.945	600.197	0.252
105	67	600.320	600.946	0.626
105	68	601.194	600.822	-0.372
105	69	600.320	599.448	-0.872
	Max	601.943	602.445	1.501
	Average	600.522	600.468	-0.054
	Min	598.571	598.948	-1.872
	Std Dev	0.744	0.757	0.581



	13.18_VTH_SENSE3_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.947	599.698	599.822	600.197	####	599.947	####	####	599.573	####	599.448
Average	600.364	600.247	600.921	601.121	####	600.547	####	####	600.447	####	600.472
Max	600.822	600.572	601.446	602.445	####	601.071	####	####	601.196	####	600.946
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

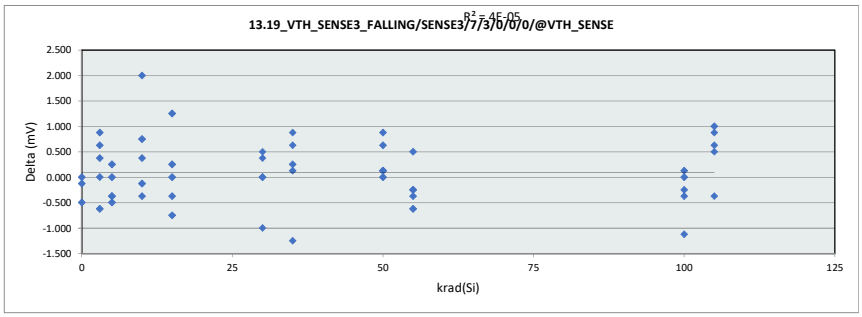


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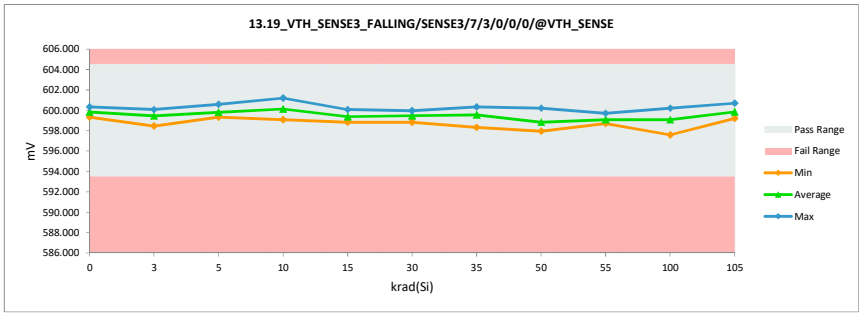
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.19_VTH_SENSE3_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.447	600.325	-0.122
0	14	599.822	599.825	0.003
0	15	599.822	599.326	-0.496
3	20	599.073	599.950	0.877
3	21	599.697	599.076	-0.621
3	22	599.322	599.700	0.378
3	23	598.448	598.452	0.004
3	24	599.447	600.075	0.628
5	25	599.822	599.326	-0.496
5	26	600.072	599.700	-0.372
5	27	599.822	600.075	0.253
5	28	599.697	599.326	-0.371
5	29	600.572	600.575	0.003
10	30	599.073	601.074	2.001
10	31	599.073	599.825	0.752
10	32	599.447	599.076	-0.371
10	33	599.572	599.451	-0.121
10	34	600.821	601.199	0.378
15	35	597.823	599.076	1.253
15	36	598.823	598.826	0.003
15	37	599.822	599.451	-0.371
15	38	600.197	599.451	-0.746
15	39	599.822	600.075	0.253
30	40	599.822	599.825	0.003
30	41	599.822	598.826	-0.996
30	42	599.572	599.950	0.378
30	43	599.073	599.076	0.003
30	44	599.197	599.700	0.503
35	45	600.447	599.201	-1.246
35	46	599.697	600.325	0.628
35	47	599.447	599.700	0.253
35	48	600.072	600.200	0.128
35	49	597.449	598.327	0.878
50	50	599.572	600.200	0.628
50	51	598.698	598.826	0.128
50	52	598.073	598.202	0.129
50	53	598.948	598.951	0.003
50	54	597.074	597.952	0.878
55	55	598.948	598.701	-0.247
55	56	599.822	599.201	-0.621
55	57	599.322	598.951	-0.371
55	58	598.323	598.826	0.503
55	59	599.947	599.700	-0.247
100	60	599.447	599.576	0.129
100	61	599.322	598.202	-1.120
100	62	600.197	599.825	-0.372
100	63	600.197	600.200	0.003
100	64	597.823	597.577	-0.246
105	65	599.447	599.950	0.503
105	66	598.448	599.451	1.003
105	67	600.322	599.950	-0.372
105	68	599.822	600.700	0.878
105	69	598.573	599.201	0.628
	Max	600.821	601.199	2.001
	Average	599.386	599.481	0.095
	Min	597.074	597.577	-1.246
	Std Dev	0.797	0.750	0.613



	13.19_VTH_SENSE3_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.326	598.452	599.326	599.076	####	598.826	####	####	598.701	####	599.201
Average	599.825	599.451	599.800	600.125	####	599.475	####	####	599.076	####	599.850
Max	600.325	600.075	600.575	601.199	####	599.950	####	####	599.700	####	600.700
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

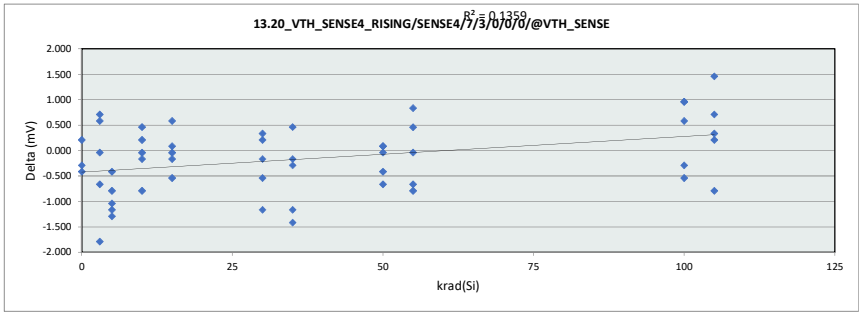


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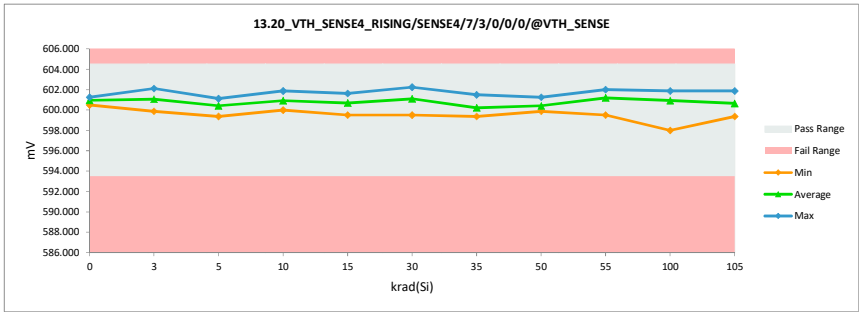
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.20_VTH_SENSE4_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.529	601.115	-0.414
0	14	601.030	601.240	0.210
0	15	600.780	600.491	-0.289
3	20	601.529	602.114	0.585
3	21	600.780	601.490	0.710
3	22	601.404	601.365	-0.039
3	23	601.654	599.866	-1.788
3	24	601.155	600.491	-0.664
5	25	600.405	599.367	-1.038
5	26	602.029	600.740	-1.289
5	27	601.155	600.740	-0.415
5	28	600.905	600.116	-0.789
5	29	602.279	601.115	-1.164
10	30	600.780	599.991	-0.789
10	31	601.904	601.864	-0.040
10	32	601.279	601.115	-0.164
10	33	599.780	600.241	0.461
10	34	601.155	601.365	0.210
15	35	600.405	600.990	0.585
15	36	599.531	599.491	-0.040
15	37	600.905	600.366	-0.539
15	38	601.155	600.990	-0.165
15	39	601.529	601.615	0.086
30	40	602.404	602.239	-0.165
30	41	601.030	600.491	-0.539
30	42	600.780	601.115	0.335
30	43	600.655	599.491	-1.164
30	44	601.904	602.114	0.210
35	45	600.905	599.741	-1.164
35	46	600.905	599.491	-1.414
35	47	601.654	601.490	-0.164
35	48	601.279	600.990	-0.289
35	49	598.906	599.367	0.461
50	50	601.155	601.240	0.085
50	51	600.780	600.116	-0.664
50	52	599.905	599.866	-0.039
50	53	600.530	600.616	0.086
50	54	600.655	600.241	-0.414
55	55	601.155	601.989	0.834
55	56	602.154	601.490	-0.664
55	57	600.905	601.365	0.460
55	58	600.280	599.491	-0.789
55	59	601.654	601.615	-0.039
100	60	600.905	601.490	0.585
100	61	600.530	601.490	0.960
100	62	600.905	601.864	0.959
100	63	602.154	601.864	-0.290
100	64	598.531	597.993	-0.538
105	65	599.905	600.616	0.711
105	66	598.781	600.241	1.460
105	67	600.905	601.115	0.210
105	68	602.654	601.864	-0.790
105	69	599.031	599.367	0.336
	Max	602.654	602.239	1.460
	Average	600.924	600.769	-0.155
	Min	598.531	597.993	-1.788
	Std Dev	0.894	0.919	0.680



	13.20_VTH_SENSE4_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.491	599.866	599.367	599.991	####	599.491	####	####	599.491	####	599.367
Average	600.949	601.065	600.416	600.915	####	601.090	####	####	601.190	####	600.641
Max	601.240	602.114	601.115	601.864	####	602.239	####	####	601.989	####	601.864
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

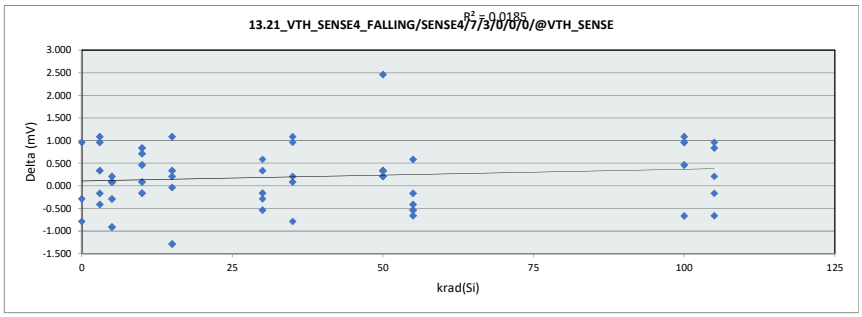


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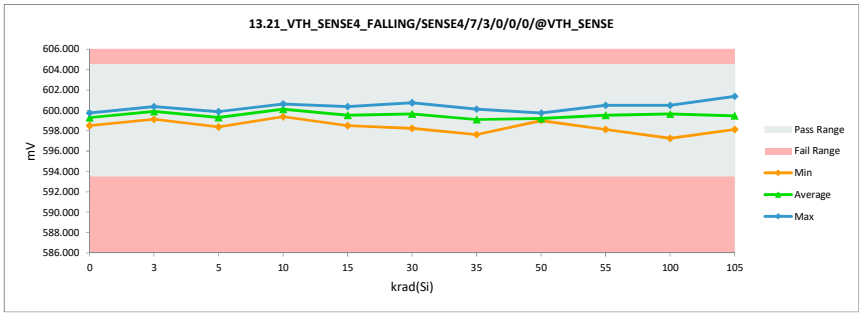
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.21_VTH_SENSE4_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	598.658	599.619	0.961
0	14	600.032	599.744	-0.288
0	15	599.283	598.495	-0.788
3	20	599.033	599.994	0.961
3	21	599.283	600.368	1.085
3	22	600.032	600.368	0.336
3	23	599.533	599.120	-0.413
3	24	599.783	599.619	-0.164
5	25	598.284	598.370	0.086
5	26	599.658	599.869	0.211
5	27	599.533	599.244	-0.289
5	28	599.158	599.244	0.086
5	29	600.657	599.744	-0.913
10	30	599.533	599.994	0.461
10	31	600.407	600.244	-0.163
10	32	599.533	600.368	0.835
10	33	599.283	599.369	0.086
10	34	599.908	600.618	0.710
15	35	598.908	599.244	0.336
15	36	598.533	598.495	-0.038
15	37	598.783	599.869	1.086
15	38	600.157	600.368	0.211
15	39	600.907	599.619	-1.288
30	40	600.407	600.743	0.336
30	41	599.158	598.995	-0.163
30	42	599.658	600.244	0.586
30	43	598.533	598.245	-0.288
30	44	600.532	599.994	-0.538
35	45	599.033	599.120	0.087
35	46	599.033	599.244	0.211
35	47	599.158	600.119	0.961
35	48	600.157	599.369	-0.788
35	49	596.535	597.621	1.086
50	50	598.783	598.995	0.212
50	51	598.658	598.995	0.337
50	52	597.284	599.744	2.460
50	53	598.783	599.120	0.337
50	54	598.908	599.120	0.212
55	55	600.407	599.994	-0.413
55	56	600.657	600.493	-0.164
55	57	600.157	599.494	-0.663
55	58	598.658	598.120	-0.538
55	59	598.908	599.494	0.586
100	60	599.158	599.619	0.461
100	61	599.408	600.493	1.085
100	62	599.533	600.493	0.960
100	63	601.032	600.368	-0.664
100	64	596.285	597.246	0.961
105	65	598.533	599.494	0.961
105	66	598.284	598.120	-0.164
105	67	600.407	599.744	-0.663
105	68	600.532	601.368	0.836
105	69	598.409	598.620	0.211
	Max	601.032	601.368	2.460
	Average	599.318	599.525	0.207
	Min	596.285	597.246	-1.288
	Std Dev	0.979	0.829	0.683



	13.21_VTH_SENSE4_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	598.495	599.120	598.370	599.369	####	598.245	####	####	598.120	####	598.120
Average	599.286	599.894	599.294	600.119	####	599.644	####	####	599.519	####	599.469
Max	599.744	600.368	599.869	600.618	####	600.743	####	####	600.493	####	601.368
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

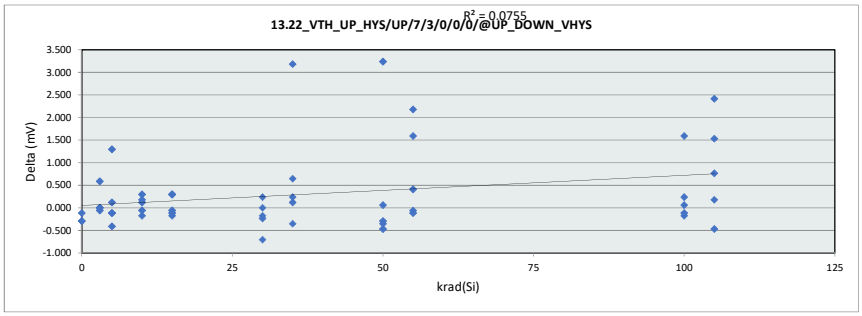


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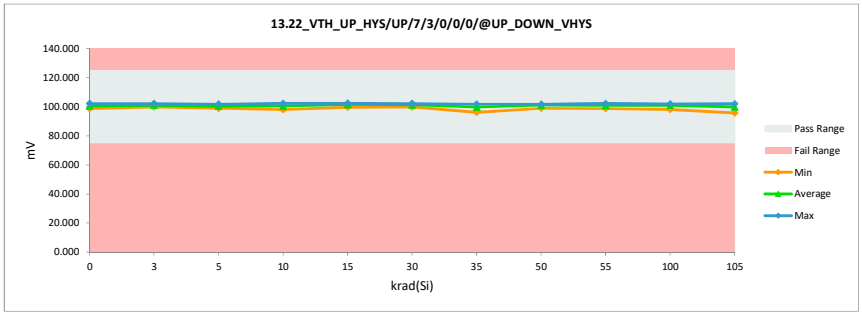
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.22_VTH_UP_HYS/UP/7	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	150	125
Min Limit	50	75

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	102.178	102.060	-0.118
0	14	101.118	100.824	-0.294
0	15	99.058	98.764	-0.294
3	20	101.942	101.943	0.001
3	21	99.824	100.412	0.588
3	22	102.119	102.060	-0.059
3	23	99.941	99.941	0.000
3	24	100.530	100.530	0.000
5	25	99.941	101.236	1.295
5	26	99.059	98.941	-0.118
5	27	100.353	100.471	0.118
5	28	101.943	101.825	-0.118
5	29	99.529	99.117	-0.412
10	30	101.883	102.178	0.295
10	31	97.822	97.999	0.177
10	32	102.237	102.178	-0.059
10	33	98.882	98.706	-0.176
10	34	101.000	101.119	0.119
15	35	102.119	102.001	-0.118
15	36	99.705	99.647	-0.058
15	37	101.707	102.001	0.294
15	38	102.060	102.354	0.294
15	39	101.943	101.766	-0.177
30	40	102.177	101.472	-0.705
30	41	101.706	101.530	-0.176
30	42	102.060	102.060	0.000
30	43	99.647	99.882	0.235
30	44	101.825	101.589	-0.236
35	45	101.942	101.589	-0.353
35	46	97.587	100.766	3.179
35	47	97.705	98.352	0.647
35	48	96.056	96.174	0.118
35	49	101.531	101.766	0.235
50	50	102.060	101.766	-0.294
50	51	102.060	101.707	-0.353
50	52	95.704	98.941	3.237
50	53	102.177	101.707	-0.470
50	54	101.353	101.412	0.059
55	55	100.354	101.942	1.588
55	56	96.527	98.705	2.178
55	57	102.296	102.178	-0.118
55	58	101.531	101.942	0.411
55	59	99.353	99.293	-0.060
100	60	101.942	101.825	-0.117
100	61	101.883	101.943	0.060
100	62	99.647	101.236	1.589
100	63	97.822	98.058	0.236
100	64	102.002	101.825	-0.177
105	65	95.586	95.762	0.176
105	66	99.175	100.706	1.531
105	67	99.117	98.646	-0.471
105	68	99.588	102.001	2.413
105	69	101.236	102.001	0.765
	Max	102.296	102.354	3.237
	Average	100.388	100.695	0.308
	Min	95.586	95.762	-0.705
	Std Dev	1.882	1.611	0.868



	13.22_VTH_UP_HYS/UP/										
Test Site											
Tester											
Test Number											
Max Limit	125	mV									
Min Limit	75	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000
Min	98.764	99.941	98.941	97.999	99.647	99.882	96.174	98.941	98.705	98.058	95.762
Average	100.549	100.977	100.318	100.436	####	101.307	99.729	####	100.812	####	99.823
Max	102.060	102.060	101.825	102.178	####	102.060	####	####	102.178	####	102.001
UL	125.000	125.000	125.000	125.000	####	125.000	####	####	125.000	####	125.000

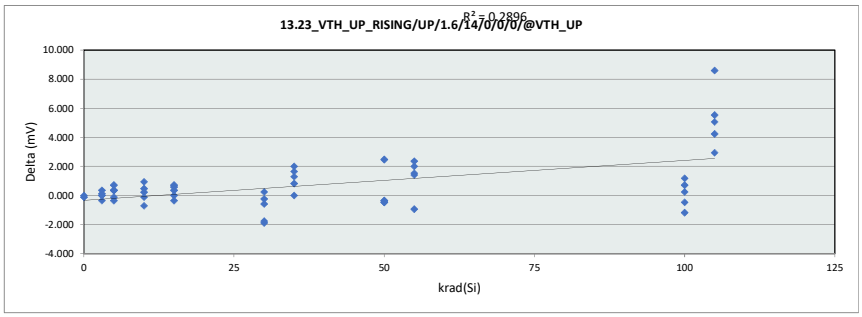


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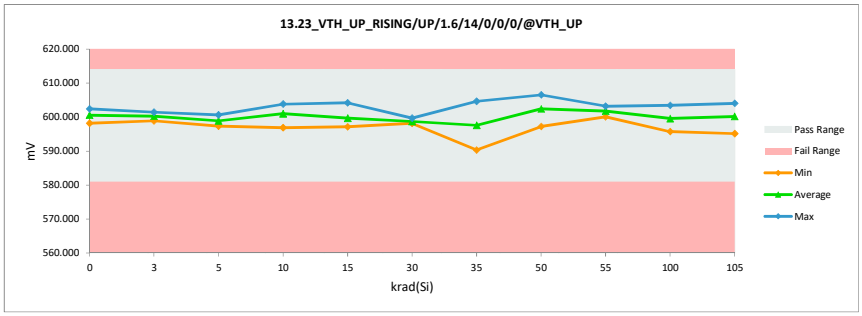
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.23_VTH_UP_RISING/U	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	615	614
Min Limit	580	581

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.236	601.118	-0.118
0	14	602.413	602.413	0.000
0	15	598.293	598.175	-0.118
3	20	601.825	601.471	-0.354
3	21	598.529	598.882	0.353
3	22	599.941	600.059	0.118
3	23	599.823	599.823	0.000
3	24	601.118	601.118	0.000
5	25	599.235	599.941	0.706
5	26	596.998	597.351	0.353
5	27	597.234	597.587	0.353
5	28	598.999	598.882	-0.117
5	29	601.001	600.647	-0.354
10	30	602.884	603.826	0.942
10	31	600.412	600.647	0.235
10	32	600.530	601.001	0.471
10	33	596.998	596.881	-0.117
10	34	603.355	602.649	-0.706
15	35	597.705	598.058	0.353
15	36	597.351	598.058	0.707
15	37	596.527	597.116	0.589
15	38	604.179	604.179	0.000
15	39	601.471	601.118	-0.353
30	40	599.941	598.175	-1.766
30	41	599.117	598.529	-0.588
30	42	598.999	598.764	-0.235
30	43	599.470	599.706	0.236
30	44	600.294	598.411	-1.883
35	45	604.650	604.650	0.000
35	46	598.529	600.177	1.648
35	47	594.291	595.586	1.295
35	48	589.464	590.288	0.824
35	49	595.232	597.234	2.002
50	50	604.650	604.297	-0.353
50	51	603.943	603.473	-0.470
50	52	594.762	597.234	2.472
50	53	606.886	606.533	-0.353
50	54	601.118	600.647	-0.471
55	55	598.529	600.059	1.530
55	56	599.706	601.118	1.412
55	57	603.708	602.766	-0.942
55	58	599.706	601.707	2.001
55	59	600.883	603.237	2.354
100	60	599.235	598.058	-1.177
100	61	603.943	603.473	-0.470
100	62	594.997	595.703	0.706
100	63	598.999	599.235	0.236
100	64	600.177	601.354	1.177
105	65	594.997	599.235	4.238
105	66	595.232	600.765	5.533
105	67	590.053	595.115	5.062
105	68	595.468	604.061	8.593
105	69	598.646	601.589	2.943
	Max	606.886	606.533	8.593
	Average	599.315	600.041	0.726
	Min	589.464	590.288	-1.883
	Std Dev	3.448	2.889	1.829



	13.23_VTH_UP_RISING/										
Test Site											
Tester											
Test Number											
Max Limit	614	mV									
Min Limit	581	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	581.000	581.000	581.000	581.000	####	581.000	####	####	581.000	####	581.000
Min	598.175	598.882	597.351	596.881	####	598.175	####	####	600.059	####	595.115
Average	600.569	600.271	598.882	601.001	####	598.717	####	####	601.777	####	600.153
Max	602.413	601.471	600.647	603.826	####	599.706	####	####	603.237	####	604.061
UL	614.000	614.000	614.000	614.000	####	614.000	####	####	614.000	####	614.000

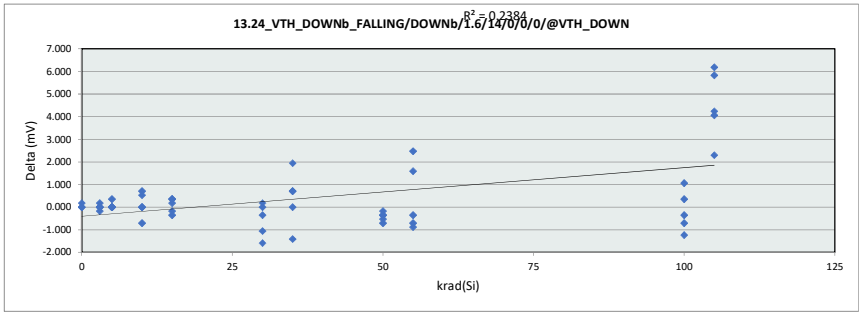


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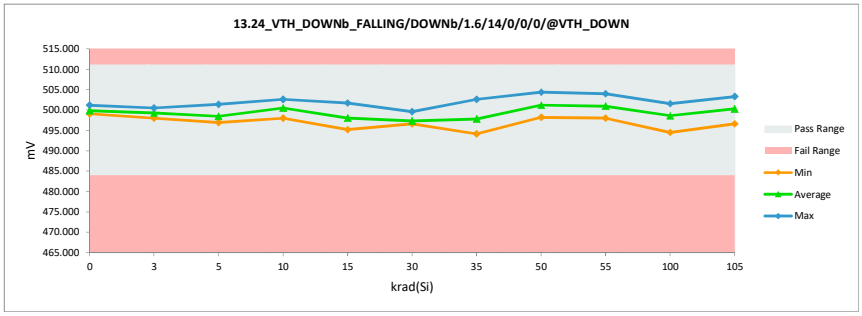
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.24_VTH_DOWNb_FALLI	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	512	511
Min Limit	483	484

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	499.058	499.058	0.000
0	14	501.001	501.177	0.176
0	15	499.235	499.235	0.000
3	20	499.765	499.765	0.000
3	21	498.529	498.352	-0.177
3	22	497.822	497.999	0.177
3	23	499.765	499.765	0.000
3	24	500.471	500.471	0.000
5	25	498.882	498.882	0.000
5	26	497.646	497.999	0.353
5	27	496.939	496.939	0.000
5	28	496.939	496.939	0.000
5	29	501.354	501.354	0.000
10	30	500.824	501.530	0.706
10	31	502.590	502.590	0.000
10	32	498.175	498.705	0.530
10	33	497.999	497.999	0.000
10	34	502.237	501.530	-0.707
15	35	495.880	496.057	0.177
15	36	497.822	498.175	0.353
15	37	494.820	495.174	0.354
15	38	501.883	501.707	-0.176
15	39	499.411	499.058	-0.353
30	40	497.646	496.586	-1.060
30	41	497.293	496.939	-0.354
30	42	496.939	496.939	0.000
30	43	499.411	499.588	0.177
30	44	498.175	496.586	-1.589
35	45	502.590	502.590	0.000
35	46	500.824	499.411	-1.413
35	47	496.586	497.293	0.707
35	48	493.408	494.114	0.706
35	49	493.584	495.527	1.943
50	50	502.590	502.413	-0.177
50	51	502.060	501.530	-0.530
50	52	498.882	498.175	-0.707
50	53	504.709	504.356	-0.353
50	54	499.765	499.411	-0.354
55	55	498.352	497.999	-0.353
55	56	503.119	502.413	-0.706
55	57	501.354	500.471	-0.883
55	58	498.175	499.765	1.590
55	59	501.530	504.002	2.472
100	60	497.293	496.057	-1.236
100	61	501.883	501.530	-0.353
100	62	495.174	494.467	-0.707
100	63	501.177	501.530	0.353
100	64	498.352	499.411	1.059
105	65	499.058	503.296	4.238
105	66	496.057	500.118	4.061
105	67	490.759	496.586	5.827
105	68	495.527	501.707	6.180
105	69	497.293	499.588	2.295
	Max	504.709	504.356	6.180
	Average	498.842	499.261	0.420
	Min	490.759	494.114	-1.589
	Std Dev	2.737	2.461	1.578



	13.24_VTH_DOWNb_FAL										
Test Site											
Tester											
Test Number											
Max Limit	511	mV									
Min Limit	484	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	484.000	484.000	484.000	484.000	####	484.000	####	####	484.000	####	484.000
Min	499.058	497.999	496.939	497.999	####	496.586	####	####	497.999	####	496.586
Average	499.823	499.270	498.423	500.471	####	497.328	####	####	500.930	####	500.259
Max	501.177	500.471	501.354	502.590	####	499.588	####	####	504.002	####	503.296
UL	511.000	511.000	511.000	511.000	####	511.000	####	####	511.000	####	511.000

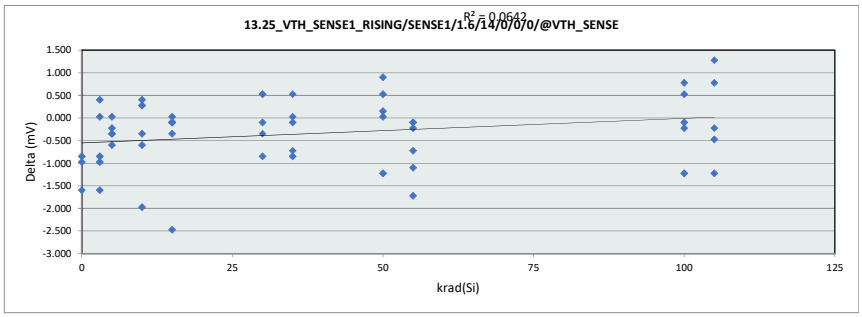


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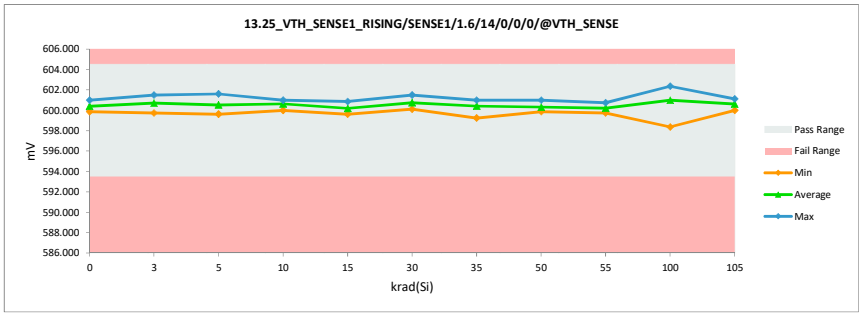
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.25_VTH_SENSE1_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.835	600.986	-0.849
0	14	601.960	600.362	-1.598
0	15	600.836	599.862	-0.974
3	20	601.336	600.486	-0.850
3	21	601.086	601.486	0.400
3	22	601.336	599.737	-1.599
3	23	601.960	600.986	-0.974
3	24	600.836	600.861	0.025
5	25	600.087	600.112	0.025
5	26	600.961	600.611	-0.350
5	27	600.961	600.736	-0.225
5	28	600.211	599.612	-0.599
5	29	601.960	601.610	-0.350
10	30	601.960	599.987	-1.973
10	31	600.711	600.986	0.275
10	32	600.336	600.736	0.400
10	33	601.086	600.736	-0.350
10	34	601.336	600.736	-0.600
15	35	599.712	599.737	0.025
15	36	600.586	600.486	-0.100
15	37	599.962	599.612	-0.350
15	38	602.710	600.237	-2.473
15	39	600.961	600.861	-0.100
30	40	600.836	600.736	-0.100
30	41	600.461	600.112	-0.349
30	42	600.961	601.486	0.525
30	43	600.461	600.986	0.525
30	44	601.211	600.362	-0.849
35	45	600.211	600.112	-0.099
35	46	600.461	600.986	0.525
35	47	601.835	600.986	-0.849
35	48	600.711	600.736	0.025
35	49	599.962	599.238	-0.724
50	50	600.461	600.486	0.025
50	51	600.211	600.362	0.151
50	52	598.962	599.862	0.900
50	53	600.461	600.986	0.525
50	54	601.086	599.862	-1.224
55	55	601.835	600.736	-1.099
55	56	601.336	600.611	-0.725
55	57	599.837	599.737	-0.100
55	58	600.336	600.112	-0.224
55	59	601.586	599.862	-1.724
100	60	600.961	600.861	-0.100
100	61	600.961	601.735	0.774
100	62	601.835	601.610	-0.225
100	63	601.835	602.360	0.525
100	64	599.587	598.363	-1.224
105	65	600.336	601.111	0.775
105	66	598.962	600.237	1.275
105	67	601.086	600.611	-0.475
105	68	602.335	601.111	-1.224
105	69	600.211	599.987	-0.224
	Max	602.710	602.360	1.275
	Average	600.869	600.526	-0.342
	Min	598.962	598.363	-2.473
	Std Dev	0.807	0.694	0.768



	13.25_VTH_SENSE1_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.862	599.737	599.612	599.987	####	600.112	####	####	599.737	####	599.987
Average	600.403	600.711	600.536	600.636	####	600.736	####	####	600.212	####	600.611
Max	600.986	601.486	601.610	600.986	####	601.486	####	####	600.736	####	601.111
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

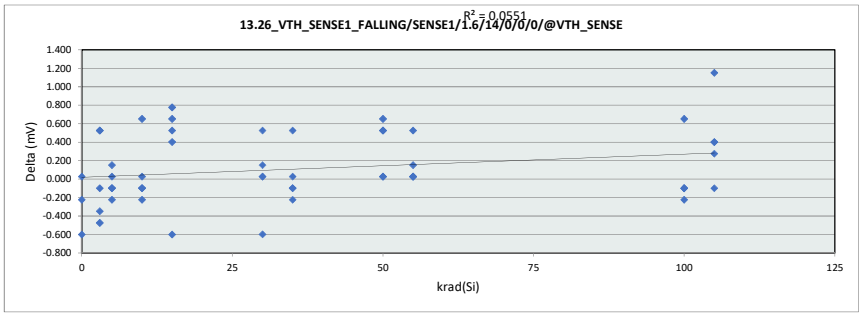


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

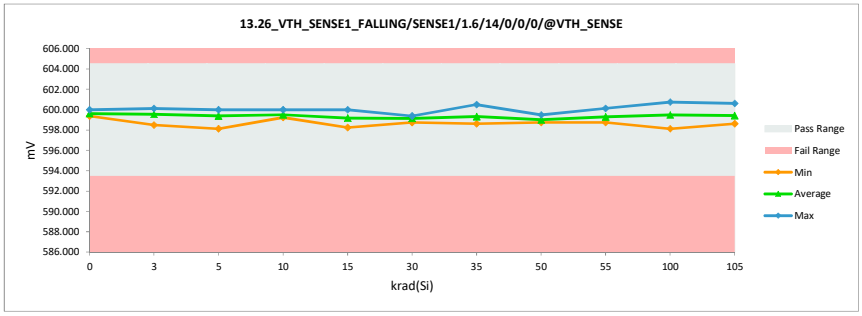
	13.26_VTH_SENSE1_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.214	599.990	-0.224
0	14	600.089	599.490	-0.599
0	15	599.339	599.366	0.027
3	20	598.965	598.491	-0.474
3	21	599.464	599.990	0.526
3	22	599.589	599.241	-0.348
3	23	600.214	600.115	-0.099
3	24	599.339	599.865	0.526
5	25	598.215	598.117	-0.098
5	26	599.964	599.990	0.026
5	27	600.089	599.990	-0.099
5	28	598.715	598.866	0.151
5	29	600.214	599.990	-0.224
10	30	599.339	599.990	0.651
10	31	599.464	599.366	-0.098
10	32	599.339	599.366	0.027
10	33	599.589	599.490	-0.099
10	34	599.464	599.241	-0.223
15	35	597.716	598.242	0.526
15	36	598.840	599.241	0.401
15	37	598.090	598.866	0.776
15	38	599.339	599.990	0.651
15	39	600.089	599.490	-0.599
30	40	599.339	599.366	0.027
30	41	599.339	598.741	-0.598
30	42	598.840	599.366	0.526
30	43	598.715	598.866	0.151
30	44	599.339	599.366	0.027
35	45	598.715	598.616	-0.099
35	46	599.464	599.366	-0.098
35	47	600.713	600.490	-0.223
35	48	599.339	599.366	0.027
35	49	598.215	598.741	0.526
50	50	599.464	599.490	0.026
50	51	598.715	598.741	0.026
50	52	598.090	598.741	0.651
50	53	598.840	599.366	0.526
50	54	598.215	598.741	0.526
55	55	599.339	599.366	0.027
55	56	600.089	600.115	0.026
55	57	598.715	598.741	0.026
55	58	598.715	598.866	0.151
55	59	598.840	599.366	0.526
100	60	598.715	598.616	-0.099
100	61	599.464	599.241	-0.223
100	62	600.838	600.739	-0.099
100	63	600.838	600.739	-0.099
100	64	597.466	598.117	0.651
105	65	598.840	599.241	0.401
105	66	597.466	598.616	1.150
105	67	600.089	599.990	-0.099
105	68	600.214	600.614	0.400
105	69	598.340	598.616	0.276
	Max	600.838	600.739	1.150
	Average	599.226	599.342	0.116
	Min	597.466	598.117	-0.599
	Std Dev	0.807	0.649	0.381



	13.26_VTH_SENSE1_FAL	
Test Site		
Tester		
Test Number		
Max Limit	604.5	mV
Min Limit	593.5	mV

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.366	598.491	598.117	599.241	####	598.741	####	####	598.741	####	598.616
Average	599.615	599.540	599.391	599.491	####	599.141	####	####	599.291	####	599.415
Max	599.990	600.115	599.990	599.990	####	599.366	####	####	600.115	####	600.614
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

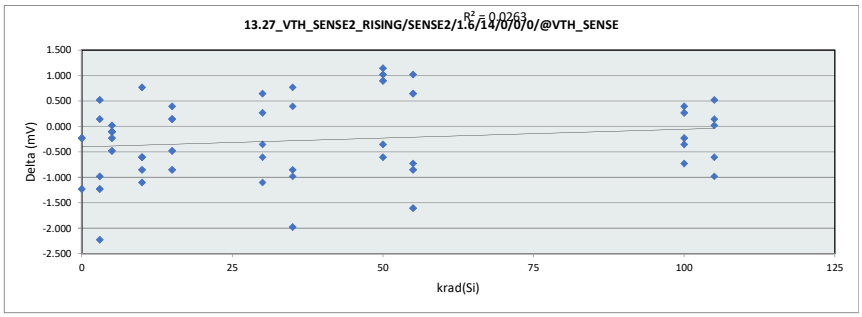


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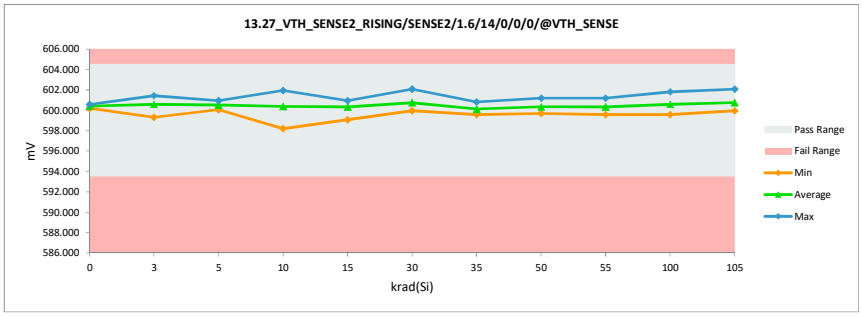
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.27_VTH_SENSE2_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.675	600.447	-1.228
0	14	600.426	600.198	-0.228
0	15	600.801	600.572	-0.229
3	20	600.926	601.447	0.521
3	21	601.425	600.198	-1.227
3	22	601.550	599.324	-2.226
3	23	600.801	600.947	0.146
3	24	602.050	601.072	-0.978
5	25	600.301	600.198	-0.103
5	26	601.425	600.947	-0.478
5	27	600.551	600.572	0.021
5	28	600.176	600.073	-0.103
5	29	601.051	600.822	-0.229
10	30	600.426	601.197	0.771
10	31	600.926	600.323	-0.603
10	32	600.801	600.198	-0.603
10	33	599.302	598.200	-1.102
10	34	602.799	601.946	-0.853
15	35	598.927	599.074	0.147
15	36	599.926	600.323	0.397
15	37	600.426	600.572	0.146
15	38	601.176	600.697	-0.479
15	39	601.800	600.947	-0.853
30	40	601.051	601.322	0.271
30	41	600.301	599.948	-0.353
30	42	601.425	602.071	0.646
30	43	600.801	600.198	-0.603
30	44	601.300	600.198	-1.102
35	45	600.676	599.698	-0.978
35	46	601.550	600.697	-0.853
35	47	601.550	599.573	-1.977
35	48	600.051	600.822	0.771
35	49	599.427	599.823	0.396
50	50	600.426	600.073	-0.353
50	51	599.302	600.447	1.145
50	52	598.802	599.698	0.896
50	53	600.176	601.197	1.021
50	54	600.926	600.323	-0.603
55	55	600.801	600.073	-0.728
55	56	601.176	599.573	-1.603
55	57	601.550	600.697	-0.853
55	58	599.427	600.073	0.646
55	59	600.176	601.197	1.021
100	60	600.176	600.447	0.271
100	61	600.301	600.697	0.396
100	62	601.176	600.447	-0.729
100	63	602.050	601.821	-0.229
100	64	599.926	599.573	-0.353
105	65	600.301	600.822	0.521
105	66	599.926	600.073	0.147
105	67	602.050	602.071	0.021
105	68	601.425	600.822	-0.603
105	69	600.926	599.948	-0.978
	Max	602.799	602.071	1.145
	Average	600.732	600.466	-0.266
	Min	598.802	598.200	-2.226
	Std Dev	0.840	0.740	0.764



	13.27_VTH_SENSE2_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.198	599.324	600.073	598.200	####	599.948	####	####	599.573	####	599.948
Average	600.406	600.598	600.522	600.373	####	600.747	####	####	600.323	####	600.747
Max	600.572	601.447	600.947	601.946	####	602.071	####	####	601.197	####	602.071
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

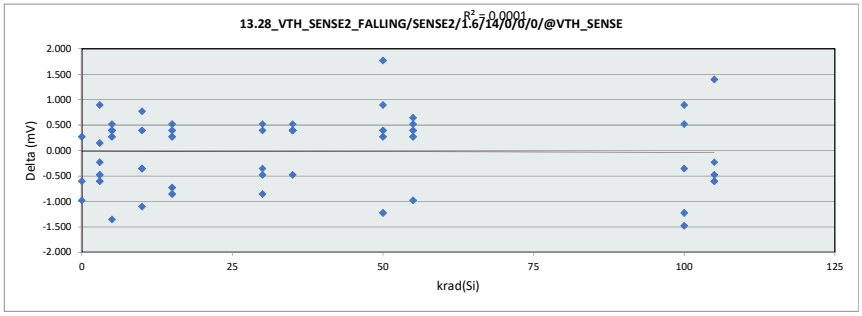


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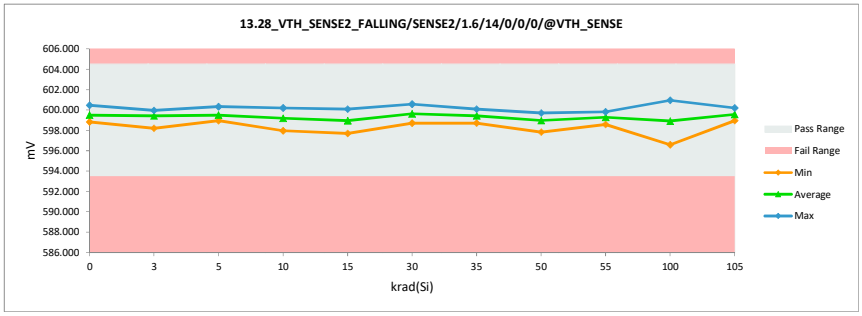
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.28_VTH_SENSE2_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.179	600.450	0.271
0	14	600.179	599.202	-0.977
0	15	599.429	598.827	-0.602
3	20	600.054	599.826	-0.228
3	21	599.929	599.451	-0.478
3	22	598.805	599.701	0.896
3	23	598.805	598.203	-0.602
3	24	599.804	599.951	0.147
5	25	599.180	599.576	0.396
5	26	600.054	600.326	0.272
5	27	598.805	599.202	0.397
5	28	598.930	599.451	0.521
5	29	600.304	598.952	-1.352
10	30	599.055	599.451	0.396
10	31	598.555	599.327	0.772
10	32	600.054	598.952	-1.102
10	33	598.305	597.953	-0.352
10	34	600.554	600.201	-0.353
15	35	597.431	597.703	0.272
15	36	599.305	598.577	-0.728
15	37	599.554	598.702	-0.852
15	38	599.180	599.701	0.521
15	39	599.679	600.076	0.397
30	40	600.554	600.201	-0.353
30	41	599.554	598.702	-0.852
30	42	600.054	600.575	0.521
30	43	599.055	599.451	0.396
30	44	599.679	599.202	-0.477
35	45	599.055	599.451	0.396
35	46	599.679	600.076	0.397
35	47	599.679	600.076	0.397
35	48	599.305	598.827	-0.478
35	49	598.180	598.702	0.522
50	50	598.680	598.952	0.272
50	51	598.555	599.451	0.896
50	52	597.181	598.952	1.771
50	53	599.305	599.701	0.396
50	54	599.055	597.828	-1.227
55	55	599.055	599.327	0.272
55	56	599.180	599.701	0.521
55	57	599.929	598.952	-0.977
55	58	598.180	598.577	0.397
55	59	599.180	599.826	0.646
100	60	598.680	599.202	0.522
100	61	598.680	598.327	-0.353
100	62	600.803	599.576	-1.227
100	63	600.054	600.950	0.896
100	64	598.055	596.579	-1.476
105	65	598.430	599.826	1.396
105	66	599.429	598.952	-0.477
105	67	600.429	600.201	-0.228
105	68	600.054	599.451	-0.603
105	69	599.929	599.327	-0.602
	Max	600.803	600.950	1.771
	Average	599.316	599.296	-0.020
	Min	597.181	596.579	-1.476
	Std Dev	0.786	0.792	0.723



	13.28_VTH_SENSE2_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	598.827	598.203	598.952	597.953	####	598.702	####	####	598.577	####	598.952
Average	599.493	599.426	599.501	599.177	####	599.626	####	####	599.277	####	599.551
Max	600.450	599.951	600.326	600.201	####	600.575	####	####	599.826	####	600.201
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

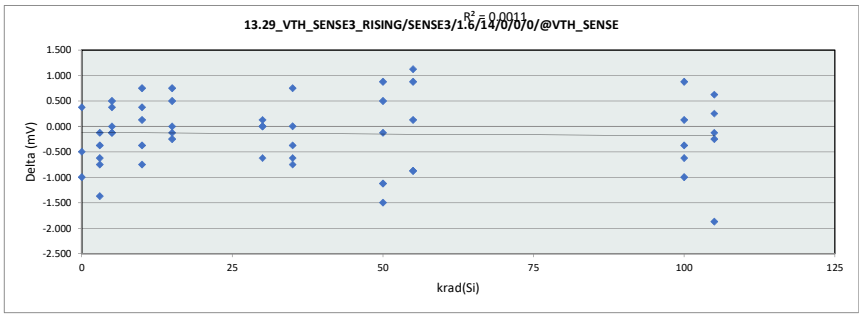


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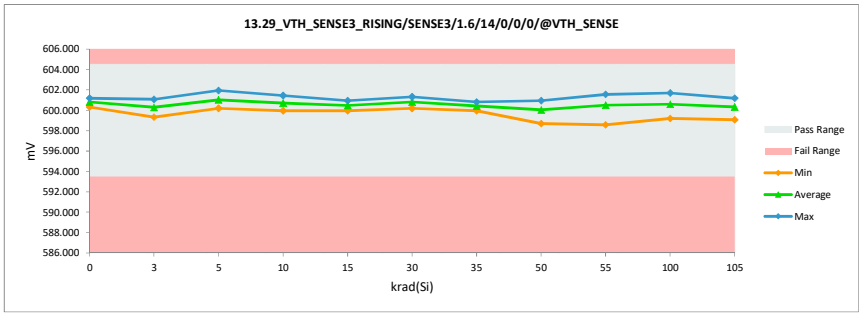
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.29_VTH_SENSE3_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.943	600.946	-0.997
0	14	601.694	601.196	-0.498
0	15	599.945	600.322	0.377
3	20	601.819	601.071	-0.748
3	21	601.194	600.572	-0.622
3	22	599.945	599.822	-0.123
3	23	600.694	599.323	-1.371
3	24	601.069	600.697	-0.372
5	25	600.195	600.697	0.502
5	26	601.444	601.321	-0.123
5	27	601.069	600.946	-0.123
5	28	600.195	600.197	0.002
5	29	601.569	601.946	0.377
10	30	600.694	600.822	0.128
10	31	600.320	599.947	-0.373
10	32	600.195	600.572	0.377
10	33	599.945	600.697	0.752
10	34	602.193	601.446	-0.747
15	35	600.070	599.947	-0.123
15	36	599.820	600.572	0.752
15	37	599.820	600.322	0.502
15	38	600.819	600.572	-0.247
15	39	600.944	600.946	0.002
30	40	601.069	601.071	0.002
30	41	600.819	600.197	-0.622
30	42	601.319	601.321	0.002
30	43	600.944	601.071	0.127
30	44	600.444	600.447	0.003
35	45	601.069	600.447	-0.622
35	46	601.069	600.322	-0.747
35	47	600.819	600.822	0.003
35	48	600.944	600.572	-0.372
35	49	599.195	599.947	0.752
50	50	602.068	600.946	-1.122
50	51	599.570	600.072	0.502
50	52	599.570	600.447	0.877
50	53	600.195	600.072	-0.123
50	54	600.195	598.698	-1.497
55	55	600.694	599.822	-0.872
55	56	600.444	601.321	0.877
55	57	600.070	601.196	1.126
55	58	599.445	598.574	-0.871
55	59	601.444	601.571	0.127
100	60	600.819	601.696	0.877
100	61	600.569	599.947	-0.622
100	62	601.943	600.946	-0.997
100	63	601.069	601.196	0.127
100	64	599.570	599.198	-0.372
105	65	600.320	600.946	0.626
105	66	600.070	599.822	-0.248
105	67	600.944	599.073	-1.871
105	68	601.319	601.196	-0.123
105	69	600.320	600.572	0.252
	Max	602.193	601.946	1.126
	Average	600.678	600.536	-0.141
	Min	599.195	598.574	-1.871
	Std Dev	0.725	0.725	0.658



	13.29_VTH_SENSE3_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.322	599.323	600.197	599.947	####	600.197	####	####	598.574	####	599.073
Average	600.821	600.297	601.021	600.697	####	600.821	####	####	600.497	####	600.322
Max	601.196	601.071	601.946	601.446	####	601.321	####	####	601.571	####	601.196
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

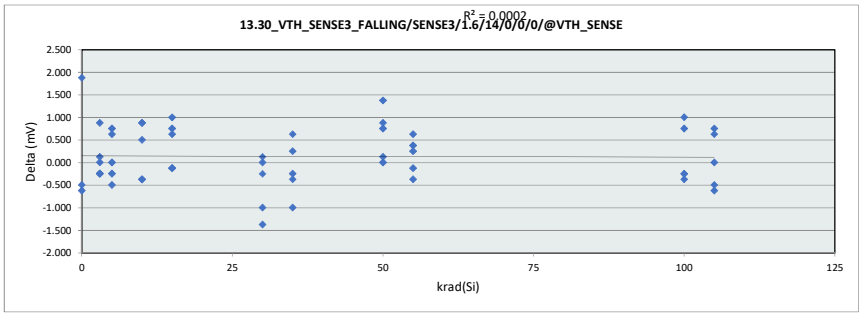


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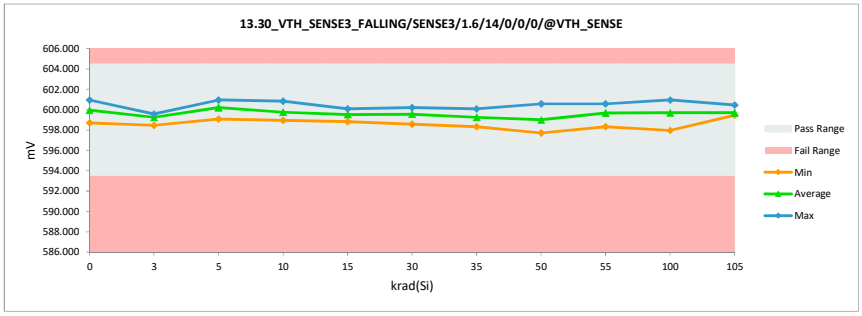
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.30_VTH_SENSE3_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.697	600.200	-0.497
0	14	599.322	598.701	-0.621
0	15	599.073	600.949	1.876
3	20	599.697	599.451	-0.246
3	21	599.822	599.576	-0.246
3	22	598.323	599.201	0.878
3	23	598.323	598.452	0.129
3	24	599.572	599.576	0.004
5	25	599.572	600.200	0.628
5	26	600.946	600.949	0.003
5	27	600.697	600.200	-0.497
5	28	598.323	599.076	0.753
5	29	600.821	600.575	-0.246
10	30	599.322	599.825	0.503
10	31	598.073	598.951	0.878
10	32	599.197	600.075	0.878
10	33	599.447	599.076	-0.371
10	34	601.196	600.824	-0.372
15	35	598.948	598.826	-0.122
15	36	599.322	600.075	0.753
15	37	598.948	598.826	-0.122
15	38	598.948	599.950	1.002
15	39	599.322	599.950	0.628
30	40	600.072	600.075	0.003
30	41	600.197	599.950	-0.247
30	42	600.072	600.200	0.128
30	43	599.947	598.576	-1.371
30	44	599.947	598.951	-0.996
35	45	599.322	599.076	-0.246
35	46	599.447	600.075	0.628
35	47	599.947	598.951	-0.996
35	48	599.572	599.825	0.253
35	49	598.698	598.327	-0.371
50	50	599.697	600.575	0.878
50	51	597.199	598.576	1.377
50	52	598.323	599.076	0.753
50	53	599.073	599.076	0.003
50	54	597.574	597.702	0.128
55	55	599.697	600.325	0.628
55	56	600.072	599.950	-0.122
55	57	598.823	599.201	0.378
55	58	598.698	598.327	-0.371
55	59	600.322	600.575	0.253
100	60	599.447	600.200	0.753
100	61	599.073	598.826	-0.247
100	62	601.196	600.949	-0.247
100	63	599.572	600.575	1.003
100	64	598.323	597.952	-0.371
105	65	599.697	599.700	0.003
105	66	598.698	599.451	0.753
105	67	600.072	599.451	-0.621
105	68	600.946	600.450	-0.496
105	69	598.823	599.451	0.628
	Max	601.196	600.949	1.876
	Average	599.443	599.583	0.140
	Min	597.199	597.702	-1.371
	Std Dev	0.880	0.808	0.641



	13.30_VTH_SENSE3_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	598.701	598.452	599.076	598.951	####	598.576	####	####	598.327	####	599.451
Average	599.950	599.251	600.200	599.750	####	599.550	####	####	599.676	####	599.701
Max	600.949	599.576	600.949	600.824	####	600.200	####	####	600.575	####	600.450
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

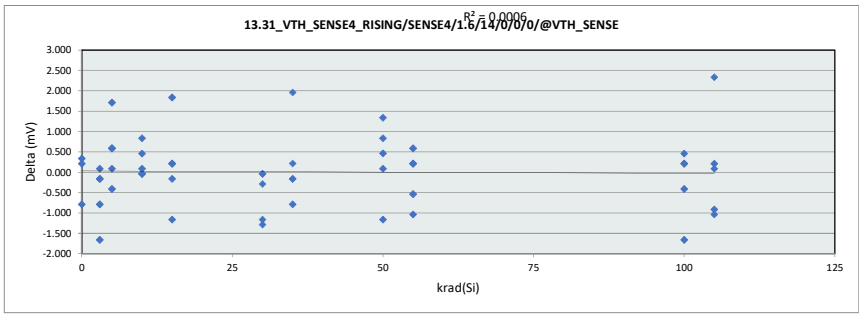


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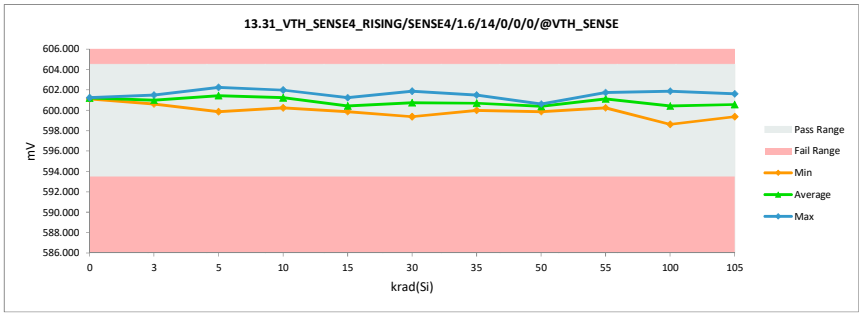
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.31_VTH_SENSE4_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.905	601.240	0.335
0	14	601.030	601.240	0.210
0	15	601.904	601.115	-0.789
3	20	601.654	601.490	-0.164
3	21	600.780	600.865	0.085
3	22	602.279	600.616	-1.663
3	23	601.529	601.365	-0.164
3	24	601.404	600.616	-0.788
5	25	600.280	599.866	-0.414
5	26	601.404	601.989	0.585
5	27	600.405	602.114	1.709
5	28	600.405	600.990	0.585
5	29	602.154	602.239	0.085
10	30	600.155	600.241	0.086
10	31	600.780	601.240	0.460
10	32	601.155	601.989	0.834
10	33	600.780	600.740	-0.040
10	34	602.029	601.989	-0.040
15	35	600.030	599.866	-0.164
15	36	598.656	600.491	1.835
15	37	600.030	600.241	0.211
15	38	601.030	601.240	0.210
15	39	601.529	600.366	-1.163
30	40	601.904	601.864	-0.040
30	41	600.655	599.367	-1.288
30	42	601.779	601.490	-0.289
30	43	600.530	599.367	-1.163
30	44	601.654	601.615	-0.039
35	45	600.155	599.991	-0.164
35	46	601.279	601.115	-0.164
35	47	601.279	601.490	0.211
35	48	601.279	600.491	-0.788
35	49	598.406	600.366	1.960
50	50	601.654	600.491	-1.163
50	51	599.905	600.366	0.461
50	52	599.031	599.866	0.835
50	53	599.281	600.616	1.335
50	54	600.530	600.616	0.086
55	55	601.904	601.365	-0.539
55	56	602.778	601.740	-1.038
55	57	601.030	601.240	0.210
55	58	600.030	600.241	0.211
55	59	600.405	600.990	0.585
100	60	600.280	600.491	0.211
100	61	600.780	600.990	0.210
100	62	601.904	600.241	-1.663
100	63	601.404	601.864	0.460
100	64	599.031	598.617	-0.414
105	65	598.906	601.240	2.334
105	66	599.281	599.367	0.086
105	67	601.779	600.865	-0.914
105	68	602.654	601.615	-1.039
105	69	599.531	599.741	0.210
	Max	602.778	602.239	2.334
	Average	600.817	600.828	0.010
	Min	598.406	598.617	-1.663
	Std Dev	1.038	0.805	0.854



	13.31_VTH_SENSE4_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	601.115	600.616	599.866	600.241	####	599.367	####	####	600.241	####	599.367
Average	601.198	600.990	601.440	601.240	####	600.741	####	####	601.115	####	600.566
Max	601.240	601.490	602.239	601.989	####	601.864	####	####	601.740	####	601.615
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

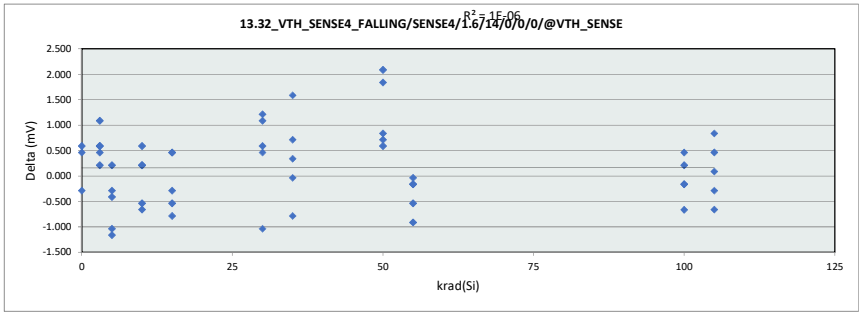


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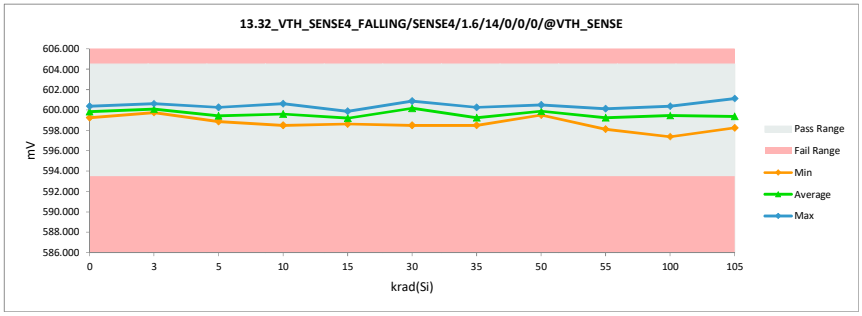
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.32_VTH_SENSE4_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	599.283	599.869	0.586
0	14	600.657	600.368	-0.289
0	15	598.783	599.244	0.461
3	20	599.658	599.869	0.211
3	21	599.158	599.744	0.586
3	22	600.157	600.618	0.461
3	23	599.283	600.368	1.085
3	24	599.283	599.869	0.586
5	25	599.158	598.870	-0.288
5	26	600.032	600.244	0.212
5	27	600.532	599.494	-1.038
5	28	599.533	599.120	-0.413
5	29	600.532	599.369	-1.163
10	30	598.908	599.494	0.586
10	31	600.157	599.494	-0.663
10	32	599.658	599.869	0.211
10	33	599.033	598.495	-0.538
10	34	600.407	600.618	0.211
15	35	598.159	598.620	0.461
15	36	598.159	598.620	0.461
15	37	600.282	599.744	-0.538
15	38	599.908	599.120	-0.788
15	39	600.157	599.869	-0.288
30	40	600.407	600.868	0.461
30	41	599.533	598.495	-1.038
30	42	599.783	600.868	1.085
30	43	599.158	599.744	0.586
30	44	599.658	600.868	1.210
35	45	597.784	599.369	1.585
35	46	599.908	599.120	-0.788
35	47	600.282	600.244	-0.038
35	48	598.658	598.995	0.337
35	49	597.784	598.495	0.711
50	50	599.533	600.244	0.711
50	51	598.658	599.494	0.836
50	52	597.409	599.494	2.085
50	53	598.658	600.493	1.835
50	54	599.033	599.619	0.586
55	55	600.157	599.619	-0.538
55	56	600.282	600.119	-0.163
55	57	599.658	599.619	-0.039
55	58	598.284	598.120	-0.164
55	59	599.658	598.745	-0.913
100	60	599.533	599.369	-0.164
100	61	599.783	599.994	0.211
100	62	601.032	600.368	-0.664
100	63	599.658	600.119	0.461
100	64	597.534	597.371	-0.163
105	65	598.533	598.995	0.462
105	66	597.784	598.620	0.836
105	67	600.532	599.869	-0.663
105	68	601.407	601.118	-0.289
105	69	598.159	598.245	0.086
	Max	601.407	601.118	2.085
	Average	599.417	599.579	0.162
	Min	597.409	597.371	-1.163
	Std Dev	0.931	0.794	0.725



	13.32_VTH_SENSE4_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.244	599.744	598.870	598.495	####	598.495	####	####	598.120	####	598.245
Average	599.827	600.094	599.419	599.594	####	600.169	####	####	599.244	####	599.369
Max	600.368	600.618	600.244	600.618	####	600.868	####	####	600.119	####	601.118
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

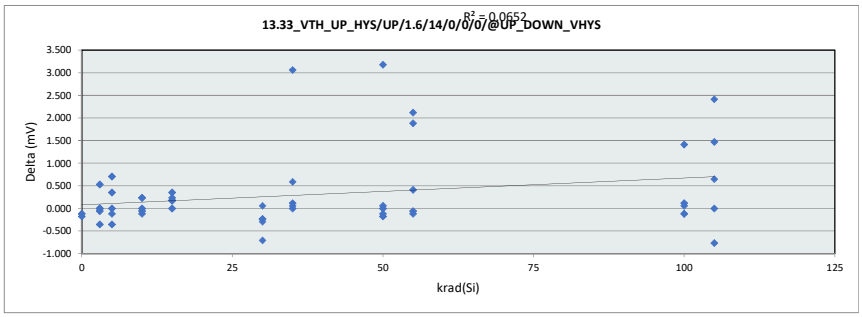


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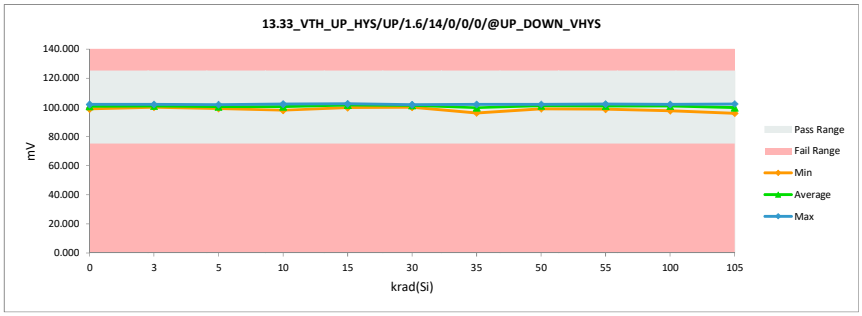
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.33_VTH_UP_HYS/UP/1	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	150	125
Min Limit	50	75

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	102.178	102.060	-0.118
0	14	101.412	101.236	-0.176
0	15	99.058	98.940	-0.118
3	20	102.060	101.706	-0.354
3	21	100.000	100.530	0.530
3	22	102.119	102.060	-0.059
3	23	100.058	100.058	0.000
3	24	100.647	100.647	0.000
5	25	100.353	101.059	0.706
5	26	99.352	99.352	0.000
5	27	100.295	100.648	0.353
5	28	102.060	101.943	-0.117
5	29	99.647	99.293	-0.354
10	30	102.060	102.296	0.236
10	31	97.822	98.057	0.235
10	32	102.355	102.296	-0.059
10	33	98.999	98.882	-0.117
10	34	101.118	101.119	0.001
15	35	101.825	102.001	0.176
15	36	99.529	99.883	0.354
15	37	101.707	101.942	0.235
15	38	102.296	102.472	0.176
15	39	102.060	102.060	0.000
30	40	102.295	101.589	-0.706
30	41	101.824	101.590	-0.234
30	42	102.060	101.825	-0.235
30	43	100.059	100.118	0.059
30	44	102.119	101.825	-0.294
35	45	102.060	102.060	0.000
35	46	97.705	100.766	3.061
35	47	97.705	98.293	0.588
35	48	96.056	96.174	0.118
35	49	101.648	101.707	0.059
50	50	102.060	101.884	-0.176
50	51	101.883	101.943	0.060
50	52	95.880	99.059	3.179
50	53	102.177	102.177	0.000
50	54	101.353	101.236	-0.117
55	55	100.177	102.060	1.883
55	56	96.587	98.705	2.118
55	57	102.354	102.295	-0.059
55	58	101.531	101.942	0.411
55	59	99.353	99.235	-0.118
100	60	101.942	102.001	0.059
100	61	102.060	101.943	-0.117
100	62	99.823	101.236	1.413
100	63	97.822	97.705	-0.117
100	64	101.825	101.943	0.118
105	65	95.939	95.939	0.000
105	66	99.175	100.647	1.472
105	67	99.294	98.529	-0.765
105	68	99.941	102.354	2.413
105	69	101.353	102.001	0.648
	Max	102.355	102.472	3.179
	Average	100.473	100.780	0.307
	Min	95.880	95.939	-0.765
	Std Dev	1.861	1.628	0.837



	13.33_VTH_UP_HYS/UP/										
Test Site											
Tester											
Test Number											
Max Limit	125	mV									
Min Limit	75	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000
Min	98.940	100.058	99.293	98.057	99.883	100.118	96.174	99.059	98.705	97.705	95.939
Average	100.745	101.000	100.459	100.530	####	101.389	99.800	####	100.847	####	99.894
Max	102.060	102.060	101.943	102.296	####	101.825	####	####	102.295	####	102.354
UL	125.000	125.000	125.000	125.000	####	125.000	####	####	125.000	####	125.000

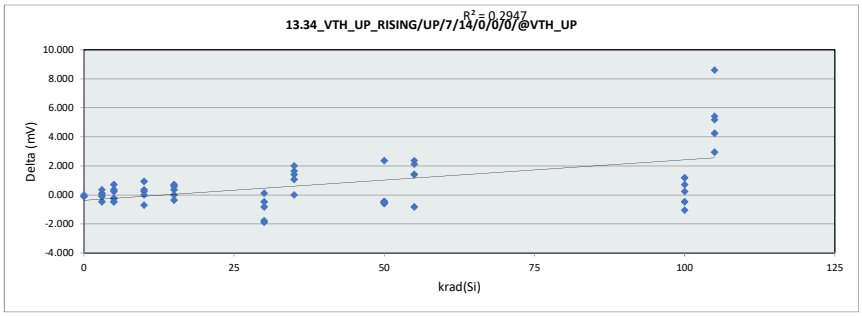


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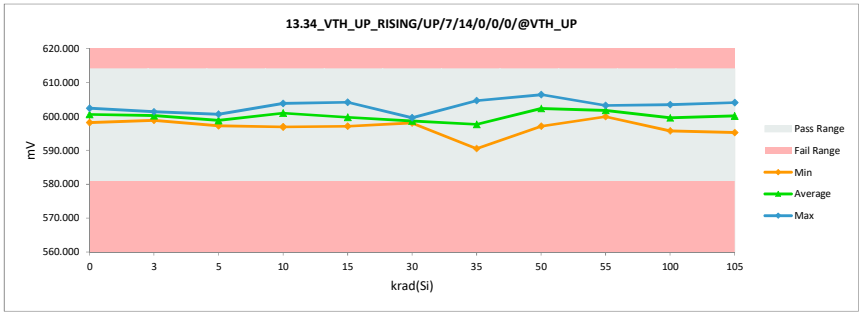
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.34_VTH_UP_RISING/U	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	615	614
Min Limit	580	581

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.236	601.118	-0.118
0	14	602.413	602.413	0.000
0	15	598.293	598.175	-0.118
3	20	601.825	601.354	-0.471
3	21	598.529	598.882	0.353
3	22	599.941	600.059	0.118
3	23	599.823	599.706	-0.117
3	24	601.118	601.118	0.000
5	25	599.235	599.941	0.706
5	26	596.998	597.234	0.236
5	27	597.234	597.587	0.353
5	28	598.999	598.764	-0.235
5	29	601.118	600.647	-0.471
10	30	602.884	603.826	0.942
10	31	600.412	600.647	0.235
10	32	600.530	600.883	0.353
10	33	596.881	596.881	0.000
10	34	603.355	602.649	-0.706
15	35	597.822	598.175	0.353
15	36	597.351	598.058	0.707
15	37	596.527	597.116	0.589
15	38	604.179	604.179	0.000
15	39	601.471	601.118	-0.353
30	40	599.941	598.058	-1.883
30	41	599.235	598.411	-0.824
30	42	599.117	598.646	-0.471
30	43	599.470	599.588	0.118
30	44	600.294	598.529	-1.765
35	45	604.650	604.650	0.000
35	46	598.529	600.177	1.648
35	47	594.291	595.703	1.412
35	48	589.464	590.524	1.060
35	49	595.232	597.234	2.002
50	50	604.650	604.179	-0.471
50	51	603.943	603.355	-0.588
50	52	594.762	597.116	2.354
50	53	606.886	606.416	-0.470
50	54	601.118	600.647	-0.471
55	55	598.529	599.941	1.412
55	56	599.706	601.118	1.412
55	57	603.590	602.766	-0.824
55	58	599.706	601.825	2.119
55	59	600.883	603.237	2.354
100	60	599.235	598.175	-1.060
100	61	603.943	603.473	-0.470
100	62	594.997	595.703	0.706
100	63	598.999	599.235	0.236
100	64	600.177	601.354	1.177
105	65	594.997	599.235	4.238
105	66	595.232	600.647	5.415
105	67	590.053	595.232	5.179
105	68	595.468	604.061	8.593
105	69	598.646	601.589	2.943
	Max	606.886	606.416	8.593
	Average	599.319	600.026	0.706
	Min	589.464	590.524	-1.883
	Std Dev	3.446	2.860	1.840



	13.34_VTH_UP_RISING/										
Test Site											
Tester											
Test Number											
Max Limit	614	mV									
Min Limit	581	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	581.000	581.000	581.000	581.000	####	581.000	####	####	581.000	####	581.000
Min	598.175	598.882	597.234	596.881	####	598.058	####	####	599.941	####	595.232
Average	600.569	600.224	598.835	600.977	####	598.646	####	####	601.777	####	600.153
Max	602.413	601.354	600.647	603.826	####	599.588	####	####	603.237	####	604.061
UL	614.000	614.000	614.000	614.000	####	614.000	####	####	614.000	####	614.000

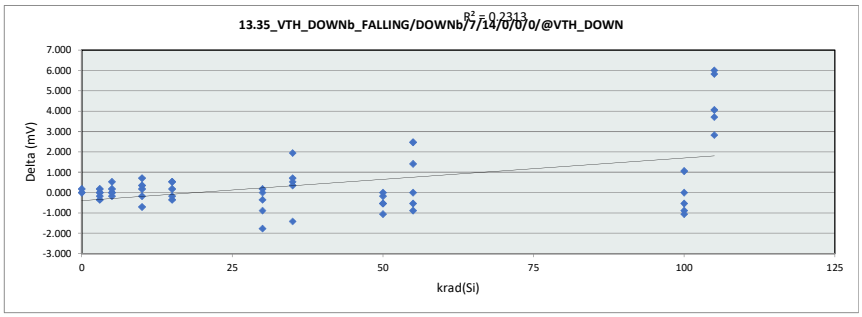


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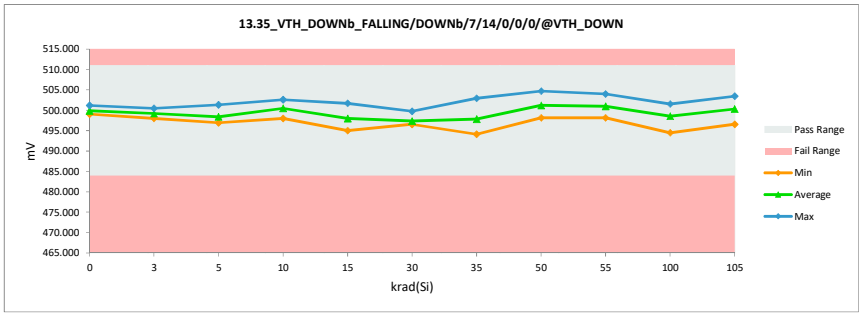
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.35_VTH_DOWNb_FALLI	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	512	511
Min Limit	483	484

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	499.058	499.058	0.000
0	14	501.177	501.177	0.000
0	15	499.235	499.411	0.176
3	20	499.765	499.765	0.000
3	21	498.705	498.352	-0.353
3	22	497.822	497.999	0.177
3	23	499.765	499.588	-0.177
3	24	500.471	500.471	0.000
5	25	498.882	498.705	-0.177
5	26	497.646	498.175	0.529
5	27	496.939	496.939	0.000
5	28	496.763	496.939	0.176
5	29	501.354	501.354	0.000
10	30	500.824	501.530	0.706
10	31	502.413	502.590	0.177
10	32	498.352	498.705	0.353
10	33	498.175	497.999	-0.176
10	34	502.237	501.530	-0.707
15	35	495.880	496.057	0.177
15	36	497.646	498.175	0.529
15	37	494.467	494.997	0.530
15	38	501.883	501.707	-0.176
15	39	499.411	499.058	-0.353
30	40	497.469	496.586	-0.883
30	41	497.293	496.939	-0.354
30	42	496.939	496.939	0.000
30	43	499.588	499.765	0.177
30	44	498.352	496.586	-1.766
35	45	502.590	502.943	0.353
35	46	500.824	499.411	-1.413
35	47	496.586	497.116	0.530
35	48	493.408	494.114	0.706
35	49	493.584	495.527	1.943
50	50	502.590	502.413	-0.177
50	51	502.060	501.530	-0.530
50	52	499.235	498.175	-1.060
50	53	504.709	504.709	0.000
50	54	499.765	499.235	-0.530
55	55	498.175	498.175	0.000
55	56	502.943	502.413	-0.530
55	57	501.354	500.471	-0.883
55	58	498.352	499.765	1.413
55	59	501.530	504.002	2.472
100	60	497.293	496.233	-1.060
100	61	502.060	501.530	-0.530
100	62	495.350	494.467	-0.883
100	63	501.177	501.177	0.000
100	64	498.352	499.411	1.059
105	65	499.411	503.473	4.062
105	66	496.233	499.941	3.708
105	67	490.759	496.586	5.827
105	68	495.880	501.883	6.003
105	69	496.939	499.765	2.826
	Max	504.709	504.709	6.003
	Average	498.862	499.275	0.413
	Min	490.759	494.114	-1.766
	Std Dev	2.738	2.489	1.560



	13.35_VTH_DOWNb_FAL										
Test Site											
Tester											
Test Number											
Max Limit	511	mV									
Min Limit	484	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	484.000	484.000	484.000	484.000	####	484.000	####	####	484.000	####	484.000
Min	499.058	497.999	496.939	497.999	####	496.586	####	####	498.175	####	496.586
Average	499.882	499.235	498.422	500.471	####	497.363	####	####	500.965	####	500.330
Max	501.177	500.471	501.354	502.590	####	499.765	####	####	504.002	####	503.473
UL	511.000	511.000	511.000	511.000	####	511.000	####	####	511.000	####	511.000

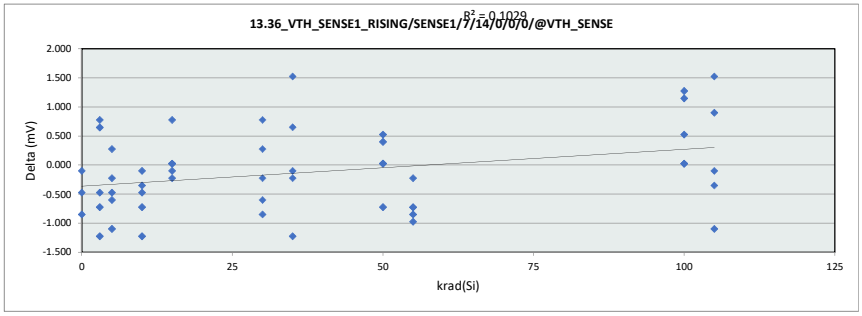


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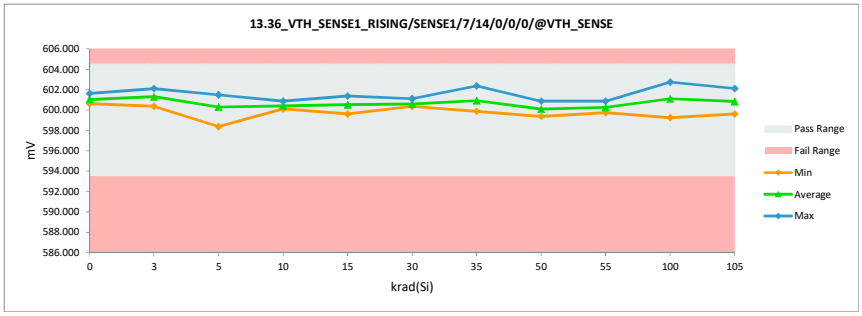
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.36_VTH_SENSE1_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.710	601.610	-0.100
0	14	601.710	600.861	-0.849
0	15	601.086	600.611	-0.475
3	20	600.336	601.111	0.775
3	21	602.085	601.361	-0.724
3	22	601.461	602.110	0.649
3	23	602.085	601.610	-0.475
3	24	601.586	600.362	-1.224
5	25	599.462	598.363	-1.099
5	26	601.086	600.861	-0.225
5	27	600.336	600.611	0.275
5	28	600.586	600.112	-0.474
5	29	602.085	601.486	-0.599
10	30	601.336	600.112	-1.224
10	31	600.961	600.861	-0.100
10	32	600.711	600.237	-0.474
10	33	600.836	600.486	-0.350
10	34	601.086	600.362	-0.724
15	35	600.087	600.112	0.025
15	36	600.336	600.112	-0.224
15	37	599.587	599.612	0.025
15	38	600.586	601.361	0.775
15	39	601.461	601.361	-0.100
30	40	600.461	600.736	0.275
30	41	599.587	600.362	0.775
30	42	600.586	600.362	-0.224
30	43	601.211	600.362	-0.849
30	44	601.710	601.111	-0.599
35	45	600.087	599.862	-0.225
35	46	601.336	601.236	-0.100
35	47	601.710	602.360	0.650
35	48	601.336	600.112	-1.224
35	49	599.462	600.986	1.524
50	50	600.836	600.861	0.025
50	51	600.211	600.237	0.026
50	52	598.838	599.363	0.525
50	53	600.586	599.862	-0.724
50	54	599.712	600.112	0.400
55	55	601.461	600.736	-0.725
55	56	601.586	600.861	-0.725
55	57	600.461	600.237	-0.224
55	58	600.711	599.737	-0.974
55	59	600.586	599.737	-0.849
100	60	599.462	600.736	1.274
100	61	600.961	600.986	0.025
100	62	601.835	601.860	0.025
100	63	601.586	602.734	1.148
100	64	598.713	599.238	0.525
105	65	599.712	601.236	1.524
105	66	599.962	599.612	-0.350
105	67	601.586	601.486	-0.100
105	68	601.211	602.110	0.899
105	69	600.836	599.737	-1.099
	Max	602.085	602.734	1.524
	Average	600.772	600.654	-0.119
	Min	598.713	598.363	-1.224
	Std Dev	0.840	0.841	0.707



	13.36_VTH_SENSE1_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.611	600.362	598.363	600.112	####	600.362	####	####	599.737	####	599.612
Average	601.027	601.311	600.287	600.412	####	600.587	####	####	600.262	####	600.836
Max	601.610	602.110	601.486	600.861	####	601.111	####	####	600.861	####	602.110
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

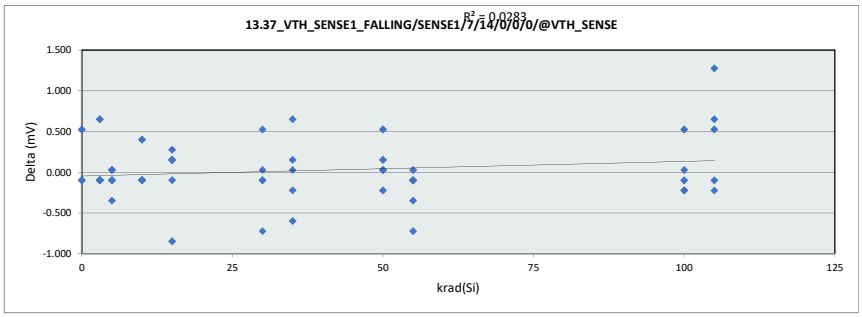


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

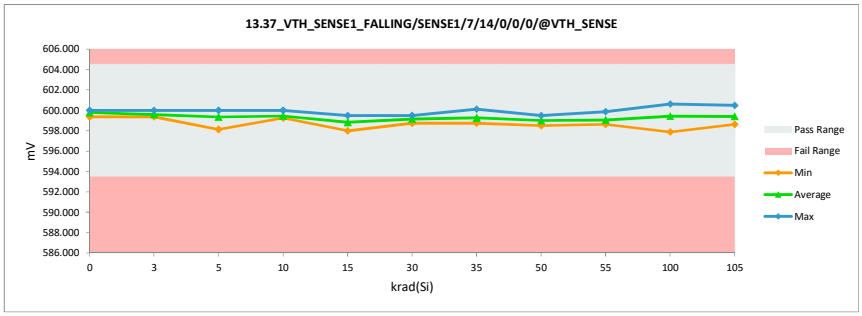
	13.37_VTH_SENSE1_FALLI	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.089	599.990	-0.099
0	14	599.464	599.990	0.526
0	15	599.464	599.366	-0.098
3	20	599.464	599.366	-0.098
3	21	599.464	599.366	-0.098
3	22	599.464	599.366	-0.098
3	23	600.089	599.990	-0.099
3	24	599.215	599.865	0.650
5	25	598.215	598.117	-0.098
5	26	600.089	599.990	-0.099
5	27	599.964	599.990	0.026
5	28	598.715	598.741	0.026
5	29	600.214	599.865	-0.349
10	30	599.589	599.990	0.401
10	31	599.464	599.366	-0.098
10	32	599.464	599.366	-0.098
10	33	598.840	599.241	0.401
10	34	599.339	599.241	-0.098
15	35	598.090	597.992	-0.098
15	36	598.715	598.866	0.151
15	37	598.215	598.491	0.276
15	38	599.339	599.490	0.151
15	39	600.089	599.241	-0.848
30	40	599.464	599.366	-0.098
30	41	598.840	598.741	-0.099
30	42	598.965	599.490	0.525
30	43	598.715	598.741	0.026
30	44	600.089	599.366	-0.723
35	45	598.715	598.866	0.151
35	46	599.464	599.241	-0.223
35	47	600.713	600.115	-0.598
35	48	599.339	599.366	0.027
35	49	598.090	598.741	0.651
50	50	599.339	599.490	0.151
50	51	598.715	598.491	-0.224
50	52	598.090	598.616	0.526
50	53	599.464	599.490	0.026
50	54	598.840	598.866	0.026
55	55	599.964	599.241	-0.723
55	56	600.214	599.865	-0.349
55	57	598.715	598.741	0.026
55	58	598.715	598.616	-0.099
55	59	598.840	598.741	-0.099
100	60	598.715	598.741	0.026
100	61	599.464	599.241	-0.223
100	62	600.838	600.614	-0.224
100	63	600.713	600.614	-0.099
100	64	597.341	597.867	0.526
105	65	598.715	599.366	0.651
105	66	597.341	598.616	1.275
105	67	600.089	599.865	-0.224
105	68	600.589	600.490	-0.099
105	69	598.090	598.616	0.526
	Max	600.838	600.614	1.275
	Average	599.250	599.274	0.024
	Min	597.341	597.867	-0.848
	Std Dev	0.814	0.635	0.381



	13.37_VTH_SENSE1_FAL	
Test Site		
Tester		
Test Number		
Max Limit	604.5	mV
Min Limit	593.5	mV

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.366	599.366	598.117	599.241	####	598.741	####	####	598.616	####	598.616
Average	599.782	599.591	599.341	599.441	####	599.141	####	####	599.041	####	599.391
Max	599.990	599.990	599.990	599.990	####	599.490	####	####	599.865	####	600.490
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

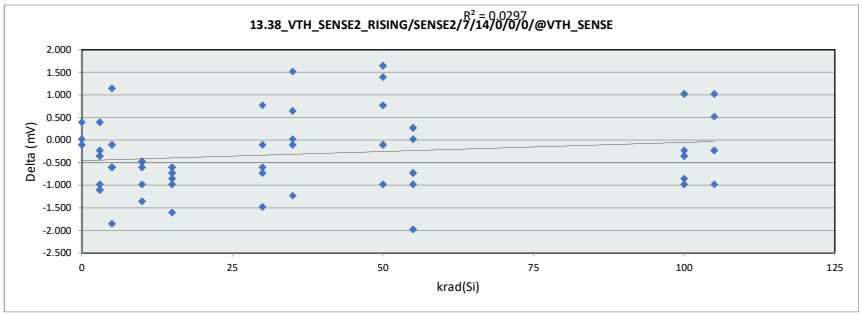


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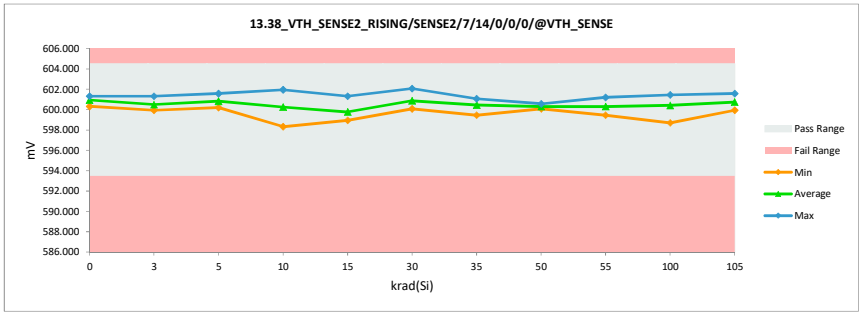
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.38_VTH_SENSE2_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.926	601.322	0.396
0	14	601.300	601.197	-0.103
0	15	600.301	600.323	0.022
3	20	601.425	600.323	-1.102
3	21	601.425	600.447	-0.978
3	22	600.051	600.447	0.396
3	23	600.176	599.948	-0.228
3	24	601.675	601.322	-0.353
5	25	600.926	600.323	-0.603
5	26	603.174	601.322	-1.852
5	27	600.801	600.697	-0.104
5	28	600.801	600.198	-0.603
5	29	600.426	601.571	1.145
10	30	601.300	600.822	-0.478
10	31	601.176	600.697	-0.479
10	32	600.426	599.448	-0.978
10	33	599.677	598.324	-1.353
10	34	602.550	601.946	-0.604
15	35	599.926	598.949	-0.977
15	36	600.426	599.573	-0.853
15	37	600.426	599.698	-0.728
15	38	600.926	599.324	-1.602
15	39	601.925	601.322	-0.603
30	40	601.300	602.071	0.771
30	41	601.550	600.073	-1.477
30	42	601.800	601.072	-0.728
30	43	601.051	600.947	-0.104
30	44	600.801	600.198	-0.603
35	45	600.926	600.822	-0.104
35	46	601.051	599.823	-1.228
35	47	601.051	601.072	0.021
35	48	599.552	601.072	1.520
35	49	598.802	599.448	0.646
50	50	601.051	600.073	-0.978
50	51	598.927	600.572	1.645
50	52	598.677	600.073	1.396
50	53	600.426	600.323	-0.103
50	54	599.677	600.447	0.770
55	55	601.800	599.823	-1.977
55	56	600.676	599.948	-0.728
55	57	601.051	601.072	0.021
55	58	600.426	599.448	-0.978
55	59	600.926	601.197	0.271
100	60	600.301	599.948	-0.353
100	61	600.051	601.072	1.021
100	62	601.176	600.947	-0.229
100	63	602.300	601.447	-0.853
100	64	599.677	598.699	-0.978
105	65	600.551	600.323	-0.228
105	66	599.926	600.447	0.521
105	67	601.800	601.571	-0.229
105	68	600.426	601.447	1.021
105	69	600.926	599.948	-0.978
	Max	603.174	602.071	1.645
	Average	600.770	600.471	-0.299
	Min	598.677	598.324	-1.977
	Std Dev	0.884	0.811	0.844



	13.38_VTH_SENSE2_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.323	599.948	600.198	598.324	####	600.073	####	####	599.448	####	599.948
Average	600.947	600.497	600.822	600.247	####	600.872	####	####	600.298	####	600.747
Max	601.322	601.322	601.571	601.946	####	602.071	####	####	601.197	####	601.571
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

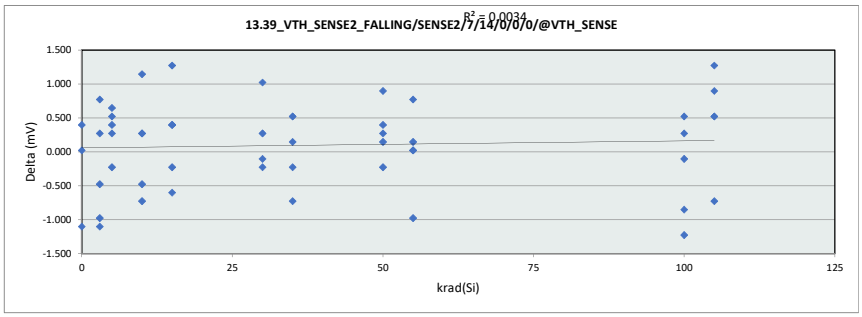


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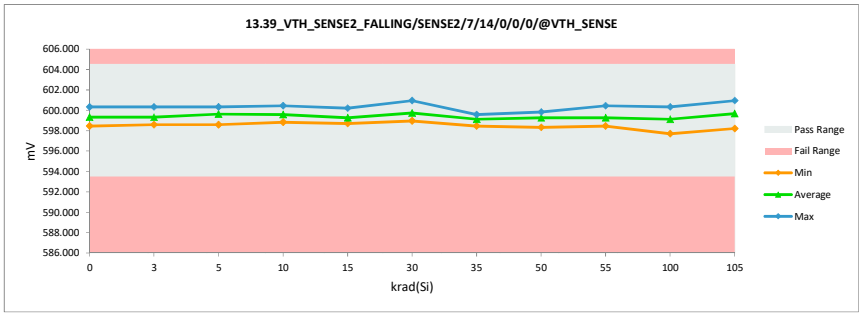
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.39_VTH_SENSE2_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	599.929	600.326	0.397
0	14	599.180	599.202	0.022
0	15	599.554	598.452	-1.102
3	20	599.305	600.076	0.771
3	21	599.679	598.702	-0.977
3	22	599.429	598.952	-0.477
3	23	599.679	598.577	-1.102
3	24	600.054	600.326	0.272
5	25	599.055	599.701	0.646
5	26	599.804	600.326	0.522
5	27	599.429	599.826	0.397
5	28	598.805	598.577	-0.228
5	29	599.429	599.701	0.272
10	30	599.554	598.827	-0.727
10	31	599.804	599.327	-0.477
10	32	599.305	600.450	1.145
10	33	598.555	598.827	0.272
10	34	600.179	600.450	0.271
15	35	598.305	598.702	0.397
15	36	599.429	598.827	-0.602
15	37	598.680	599.951	1.271
15	38	598.930	598.702	-0.228
15	39	599.804	600.201	0.397
30	40	599.929	600.201	0.272
30	41	599.180	598.952	-0.228
30	42	599.929	600.950	1.021
30	43	598.805	599.077	0.272
30	44	599.554	599.451	-0.103
35	45	599.554	599.327	-0.227
35	46	599.429	598.702	-0.727
35	47	599.429	599.576	0.147
35	48	599.055	599.576	0.521
35	49	597.931	598.452	0.521
50	50	599.679	599.826	0.147
50	51	599.055	599.327	0.272
50	52	597.431	598.327	0.896
50	53	599.804	599.576	-0.228
50	54	598.930	599.327	0.397
55	55	599.180	599.202	0.022
55	56	599.929	598.952	-0.977
55	57	599.679	600.450	0.771
55	58	598.305	598.452	0.147
55	59	599.305	599.327	0.022
100	60	598.680	599.202	0.522
100	61	598.805	599.077	0.272
100	62	600.179	599.327	-0.852
100	63	600.429	600.326	-0.103
100	64	598.930	597.703	-1.227
105	65	598.930	600.201	1.271
105	66	598.680	599.202	0.522
105	67	600.054	600.950	0.896
105	68	599.305	599.826	0.521
105	69	598.930	598.203	-0.727
	Max	600.429	600.950	1.271
	Average	599.300	599.397	0.097
	Min	597.431	597.703	-1.227
	Std Dev	0.591	0.740	0.630



	13.39_VTH_SENSE2_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	598.452	598.577	598.577	598.827	####	598.952	####	####	598.452	####	598.203
Average	599.327	599.327	599.626	599.576	####	599.726	####	####	599.277	####	599.676
Max	600.326	600.326	600.326	600.450	####	600.950	####	####	600.450	####	600.950
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

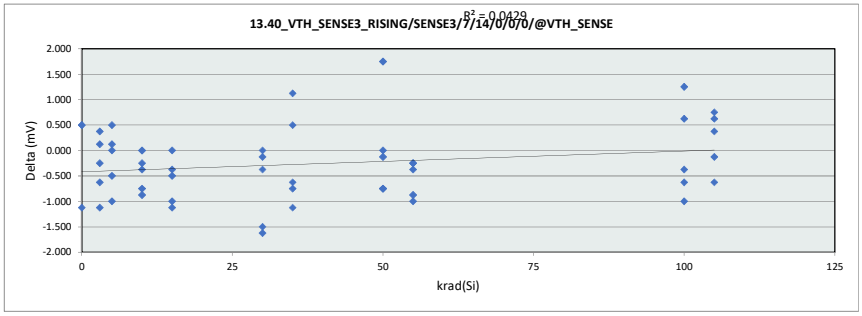


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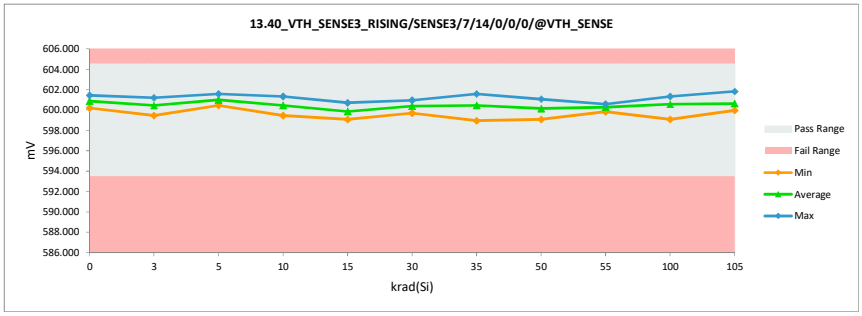
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.40_VTH_SENSE3_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.944	601.446	0.502
0	14	600.444	600.946	0.502
0	15	601.319	600.197	-1.122
3	20	600.944	600.697	-0.247
3	21	600.569	599.947	-0.622
3	22	600.819	601.196	0.377
3	23	600.569	599.448	-1.121
3	24	600.819	600.946	0.127
5	25	601.444	600.447	-0.997
5	26	601.194	601.321	0.127
5	27	600.694	601.196	0.502
5	28	600.444	600.447	0.003
5	29	602.068	601.571	-0.497
10	30	601.069	601.071	0.002
10	31	600.320	600.072	-0.248
10	32	600.694	600.322	-0.372
10	33	600.320	599.448	-0.872
10	34	602.068	601.321	-0.747
15	35	599.570	599.073	-0.497
15	36	600.195	599.073	-1.122
15	37	600.819	599.822	-0.997
15	38	601.069	600.697	-0.372
15	39	600.569	600.572	0.003
30	40	601.319	600.946	-0.373
30	41	601.319	599.698	-1.621
30	42	600.944	600.822	-0.122
30	43	601.194	599.698	-1.496
30	44	600.694	600.697	0.003
35	45	600.444	601.571	1.127
35	46	601.069	600.322	-0.747
35	47	601.569	600.447	-1.122
35	48	600.444	600.946	0.502
35	49	599.570	598.948	-0.622
50	50	601.194	601.071	-0.123
50	51	599.445	599.448	0.003
50	52	599.070	600.822	1.752
50	53	601.069	600.322	-0.747
50	54	599.820	599.073	-0.747
55	55	600.944	600.072	-0.872
55	56	600.819	600.572	-0.247
55	57	600.819	600.447	-0.372
55	58	600.819	599.822	-0.997
55	59	600.694	600.447	-0.247
100	60	600.694	601.321	0.627
100	61	599.445	600.697	1.252
100	62	601.444	600.822	-0.622
100	63	601.943	600.946	-0.997
100	64	599.445	599.073	-0.372
105	65	601.069	601.821	0.752
105	66	599.820	600.447	0.627
105	67	600.694	600.072	-0.622
105	68	600.944	600.822	-0.122
105	69	599.570	599.947	0.377
	Max	602.068	601.821	1.752
	Average	600.704	600.442	-0.261
	Min	599.070	598.948	-1.621
	Std Dev	0.675	0.726	0.702



	13.40_VTH_SENSE3_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	600.197	599.448	600.447	599.448	####	599.698	####	####	599.822	####	599.947
Average	600.863	600.447	600.996	600.447	####	600.372	####	####	600.272	####	600.622
Max	601.446	601.196	601.571	601.321	####	600.946	####	####	600.572	####	601.821
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

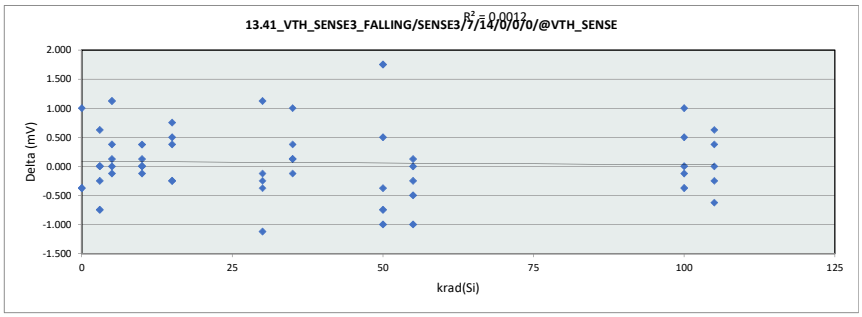


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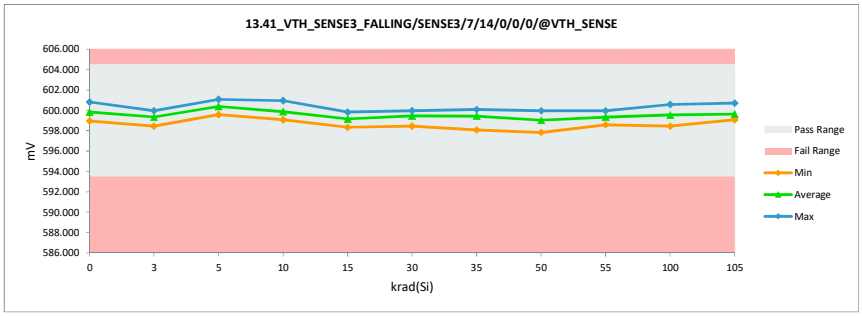
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.41_VTH_SENSE3_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	600.072	599.700	-0.372
0	14	599.822	600.824	1.002
0	15	599.322	598.951	-0.371
3	20	599.572	599.576	0.004
3	21	598.948	599.576	0.628
3	22	599.947	599.201	-0.746
3	23	598.448	598.452	0.004
3	24	600.197	599.950	-0.247
5	25	599.697	599.700	0.003
5	26	600.946	600.824	-0.122
5	27	599.947	601.074	1.127
5	28	599.447	599.576	0.129
5	29	600.322	600.700	0.378
10	30	600.322	600.200	-0.122
10	31	598.948	599.076	0.128
10	32	599.572	599.576	0.004
10	33	599.572	599.576	0.004
10	34	600.572	600.949	0.377
15	35	597.574	598.327	0.753
15	36	599.447	599.201	-0.246
15	37	598.698	599.076	0.378
15	38	598.823	599.326	0.503
15	39	600.072	599.825	-0.247
30	40	598.823	599.950	1.127
30	41	600.322	599.950	-0.372
30	42	599.822	599.576	-0.246
30	43	599.572	598.452	-1.120
30	44	599.447	599.326	-0.121
35	45	599.197	599.326	0.129
35	46	599.947	599.825	-0.122
35	47	599.073	600.075	1.002
35	48	599.447	599.825	0.378
35	49	597.948	598.077	0.129
50	50	600.322	599.950	-0.372
50	51	599.073	598.077	-0.996
50	52	598.198	599.950	1.752
50	53	598.823	599.326	0.503
50	54	598.573	597.827	-0.746
55	55	600.322	599.326	-0.996
55	56	599.447	599.576	0.129
55	57	599.447	599.201	-0.246
55	58	598.573	598.576	0.003
55	59	600.447	599.950	-0.497
100	60	599.572	600.575	1.003
100	61	598.948	599.451	0.503
100	62	599.697	599.326	-0.371
100	63	600.072	599.950	-0.122
100	64	598.448	598.452	0.004
105	65	600.322	600.700	0.378
105	66	598.448	599.076	0.628
105	67	599.822	599.201	-0.621
105	68	599.947	599.950	0.003
105	69	599.447	599.201	-0.246
	Max	600.946	601.074	1.752
	Average	599.469	599.533	0.065
	Min	597.574	597.827	-1.120
	Std Dev	0.722	0.744	0.579



	13.41_VTH_SENSE3_FAL										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	598.951	598.452	599.576	599.076	####	598.452	####	####	598.576	####	599.076
Average	599.825	599.351	600.375	599.875	####	599.451	####	####	599.326	####	599.626
Max	600.824	599.950	601.074	600.949	####	599.950	####	####	599.950	####	600.700
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

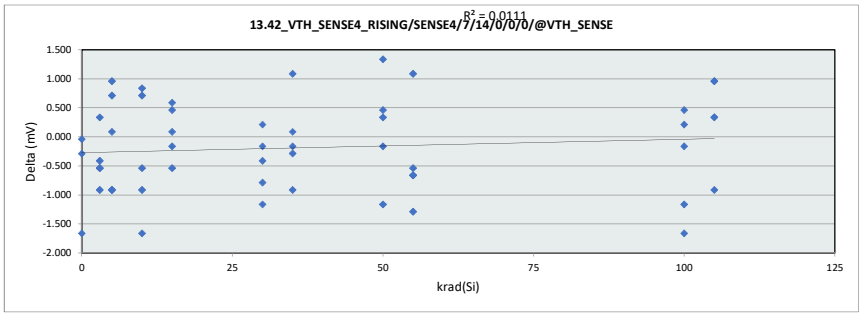


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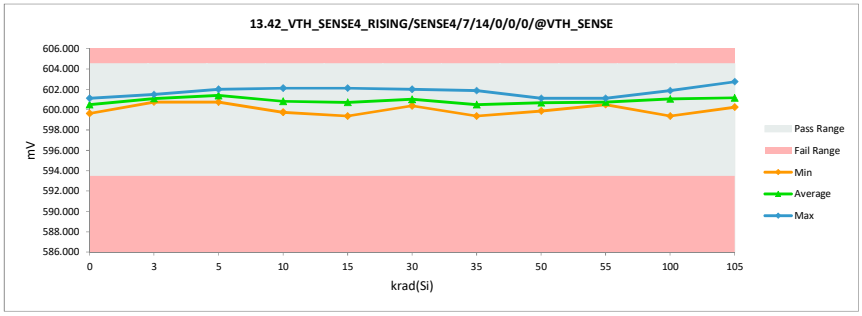
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.42_VTH_SENSE4_RISIN	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	601.030	600.740	-0.290
0	14	601.155	601.115	-0.040
0	15	601.279	599.616	-1.663
3	20	600.780	601.115	0.335
3	21	601.404	600.865	-0.539
3	22	601.654	601.240	-0.414
3	23	602.029	601.490	-0.539
3	24	601.654	600.740	-0.914
5	25	600.030	600.740	0.710
5	26	602.279	601.365	-0.914
5	27	601.779	600.865	-0.914
5	28	601.030	601.989	0.959
5	29	601.904	601.989	0.085
10	30	600.405	601.240	0.835
10	31	601.654	599.991	-1.663
10	32	601.904	600.990	-0.914
10	33	600.280	599.741	-0.539
10	34	601.404	602.114	0.710
15	35	600.030	600.116	0.086
15	36	599.531	599.367	-0.164
15	37	600.655	600.116	-0.539
15	38	601.404	601.864	0.460
15	39	601.529	602.114	0.585
30	40	602.154	601.989	-0.165
30	41	600.405	600.616	0.211
30	42	601.529	600.740	-0.789
30	43	600.780	600.366	-0.414
30	44	602.529	601.365	-1.164
35	45	600.905	600.616	-0.289
35	46	600.530	599.616	-0.914
35	47	600.780	601.864	1.084
35	48	600.905	600.990	0.085
35	49	599.531	599.367	-0.164
50	50	601.779	600.616	-1.163
50	51	600.530	600.990	0.460
50	52	599.406	600.740	1.334
50	53	600.030	599.866	-0.164
50	54	600.780	601.115	0.335
55	55	602.404	601.115	-1.289
55	56	601.404	600.865	-0.539
55	57	601.279	600.616	-0.663
55	58	599.531	600.616	1.085
55	59	601.155	600.491	-0.664
100	60	601.529	601.365	-0.164
100	61	601.030	601.490	0.460
100	62	602.903	601.240	-1.663
100	63	603.028	601.864	-1.164
100	64	599.156	599.367	0.211
105	65	599.780	600.740	0.960
105	66	599.656	600.616	0.960
105	67	602.404	601.490	-0.914
105	68	602.404	602.739	0.335
105	69	599.905	600.241	0.336
	Max	603.028	602.739	1.334
	Average	601.074	600.891	-0.183
	Min	599.156	599.367	-1.663
	Std Dev	0.954	0.775	0.772



	13.42_VTH_SENSE4_RIS										
Test Site											
Tester											
Test Number											
Max Limit	604.5	mV									
Min Limit	593.5	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.616	600.740	600.740	599.741	####	600.366	####	####	600.491	####	600.241
Average	600.490	601.090	601.390	600.815	####	601.015	####	####	600.741	####	601.165
Max	601.115	601.490	601.989	602.114	####	601.989	####	####	601.115	####	602.739
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

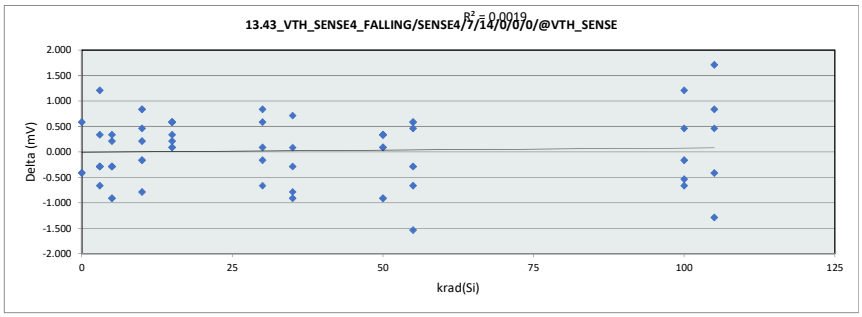


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

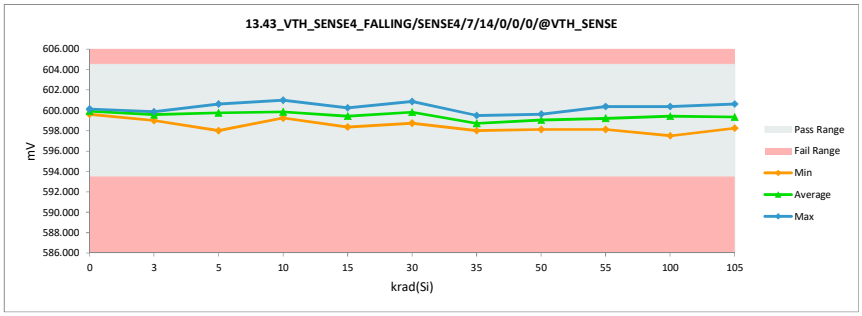
	13.43_VTH_SENSE4_FALL	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	605	604.5
Min Limit	593	593.5

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	599.408	599.994	0.586
0	14	600.532	600.119	-0.413
0	15	600.032	599.619	-0.413
3	20	599.658	599.369	-0.289
3	21	600.032	599.744	-0.288
3	22	598.658	599.869	1.211
3	23	599.658	598.995	-0.663
3	24	599.533	599.869	0.336
5	25	598.908	597.995	-0.913
5	26	600.407	600.119	-0.288
5	27	600.407	600.618	0.211
5	28	599.533	599.869	0.336
5	29	600.407	600.119	-0.288
10	30	599.783	599.619	-0.164
10	31	599.783	599.994	0.211
10	32	600.032	599.244	-0.788
10	33	598.908	599.369	0.461
10	34	600.157	600.993	0.836
15	35	598.284	598.620	0.336
15	36	597.784	598.370	0.586
15	37	599.658	599.869	0.211
15	38	599.408	599.994	0.586
15	39	600.157	600.244	0.087
30	40	600.032	600.119	0.087
30	41	599.783	599.619	-0.164
30	42	600.032	600.868	0.836
30	43	598.159	598.745	0.586
30	44	600.407	599.744	-0.663
35	45	597.909	597.995	0.086
35	46	598.783	599.494	0.711
35	47	600.032	599.244	-0.788
35	48	599.783	598.870	-0.913
35	49	598.284	597.995	-0.289
50	50	600.032	599.120	-0.912
50	51	598.783	598.870	0.087
50	52	597.784	598.120	0.336
50	53	599.283	599.619	0.336
50	54	599.158	599.494	0.336
55	55	600.157	599.869	-0.288
55	56	599.783	600.368	0.585
55	57	600.157	598.620	-1.537
55	58	598.783	598.120	-0.663
55	59	598.658	599.120	0.462
100	60	599.158	600.368	1.210
100	61	599.658	599.494	-0.164
100	62	600.532	599.994	-0.538
100	63	600.407	599.744	-0.663
100	64	597.034	597.496	0.462
105	65	598.533	600.244	1.711
105	66	597.784	598.245	0.461
105	67	600.532	599.244	-1.288
105	68	601.032	600.618	-0.414
105	69	597.534	598.370	0.836
	Max	601.032	600.993	1.711
	Average	599.417	599.442	0.025
	Min	597.034	597.496	-1.537
	Std Dev	0.925	0.819	0.661



	13.43_VTH_SENSE4_FAL	
Test Site		
Tester		
Test Number		
Max Limit	604.5	mV
Min Limit	593.5	mV

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	593.500	593.500	593.500	593.500	####	593.500	####	####	593.500	####	593.500
Min	599.619	598.995	597.995	599.244	####	598.745	####	####	598.120	####	598.245
Average	599.911	599.569	599.744	599.844	####	599.819	####	####	599.219	####	599.344
Max	600.119	599.869	600.618	600.993	####	600.868	####	####	600.368	####	600.618
UL	604.500	604.500	604.500	604.500	####	604.500	####	####	604.500	####	604.500

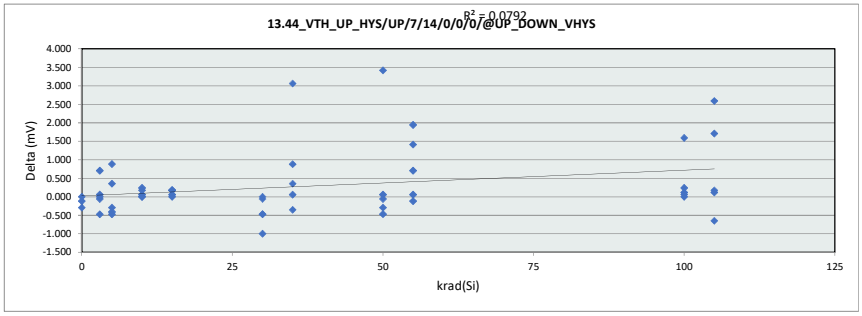


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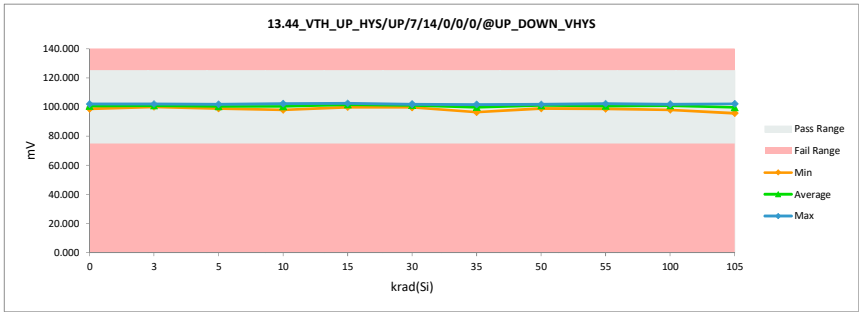
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.44_VTH_UP_HYS/UP/7	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	150	125
Min Limit	50	75

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	102.178	102.060	-0.118
0	14	101.236	101.236	0.000
0	15	99.058	98.764	-0.294
3	20	102.060	101.589	-0.471
3	21	99.824	100.530	0.706
3	22	102.119	102.060	-0.059
3	23	100.058	100.118	0.060
3	24	100.647	100.647	0.000
5	25	100.353	101.236	0.883
5	26	99.352	99.059	-0.293
5	27	100.295	100.648	0.353
5	28	102.236	101.825	-0.411
5	29	99.764	99.293	-0.471
10	30	102.060	102.296	0.236
10	31	97.999	98.057	0.058
10	32	102.178	102.178	0.000
10	33	98.706	98.882	0.176
10	34	101.118	101.119	0.001
15	35	101.942	102.118	0.176
15	36	99.705	99.883	0.178
15	37	102.060	102.119	0.059
15	38	102.296	102.472	0.176
15	39	102.060	102.060	0.000
30	40	102.472	101.472	-1.000
30	41	101.942	101.472	-0.470
30	42	102.178	101.707	-0.471
30	43	99.882	99.823	-0.059
30	44	101.942	101.943	0.001
35	45	102.060	101.707	-0.353
35	46	97.705	100.766	3.061
35	47	97.705	98.587	0.882
35	48	96.056	96.410	0.354
35	49	101.648	101.707	0.059
50	50	102.060	101.766	-0.294
50	51	101.883	101.825	-0.058
50	52	95.527	98.941	3.414
50	53	102.177	101.707	-0.470
50	54	101.353	101.412	0.059
55	55	100.354	101.766	1.412
55	56	96.763	98.705	1.942
55	57	102.236	102.295	0.059
55	58	101.354	102.060	0.706
55	59	99.353	99.235	-0.118
100	60	101.942	101.942	0.000
100	61	101.883	101.943	0.060
100	62	99.647	101.236	1.589
100	63	97.822	98.058	0.236
100	64	101.825	101.943	0.118
105	65	95.586	95.762	0.176
105	66	98.999	100.706	1.707
105	67	99.294	98.646	-0.648
105	68	99.588	102.178	2.590
105	69	101.707	101.824	0.117
	Max	102.472	102.472	3.414
	Average	100.457	100.751	0.293
	Min	95.527	95.762	-1.000
	Std Dev	1.900	1.593	0.884



	13.44_VTH_UP_HYS/UP/										
Test Site											
Tester											
Test Number											
Max Limit	125	mV									
Min Limit	75	mV									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000
Min	98.764	100.118	99.059	98.057	99.883	99.823	96.410	98.941	98.705	98.058	95.762
Average	100.687	100.989	100.412	100.506	####	101.283	99.835	####	100.812	####	99.823
Max	102.060	102.060	101.825	102.296	####	101.943	####	####	102.295	####	102.178
UL	125.000	125.000	125.000	125.000	####	125.000	####	####	125.000	####	125.000

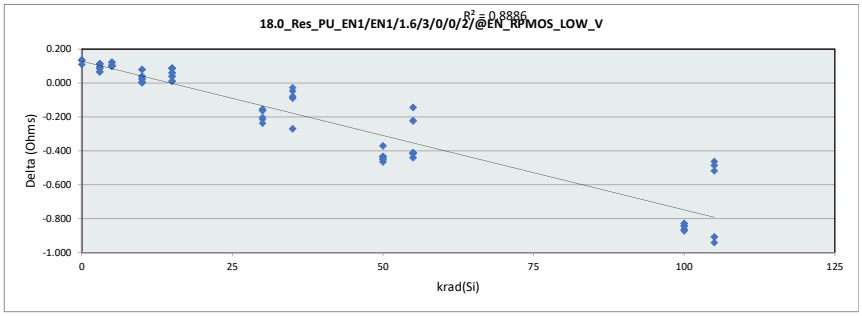


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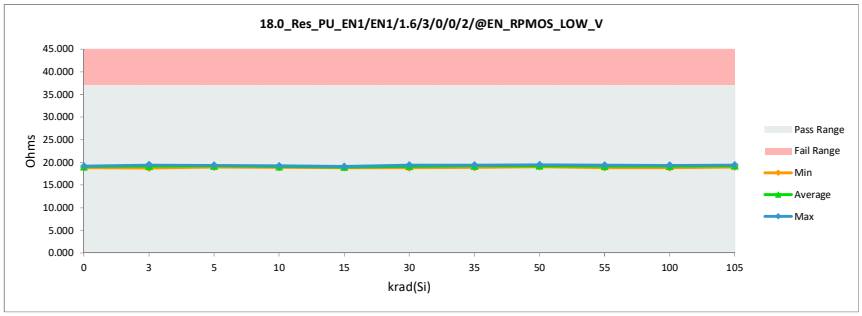
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.0_Res_PU_EN1/EN1/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	18.671	18.806	0.135
0	14	19.047	19.157	0.110
0	15	19.033	19.165	0.132
3	20	18.943	19.038	0.095
3	21	18.657	18.769	0.112
3	22	19.230	19.296	0.066
3	23	19.358	19.444	0.086
3	24	18.985	19.098	0.113
5	25	19.216	19.315	0.099
5	26	19.240	19.343	0.103
5	27	18.881	18.983	0.102
5	28	18.982	19.104	0.122
5	29	19.209	19.312	0.103
10	30	19.222	19.224	0.002
10	31	18.982	19.006	0.024
10	32	18.859	18.898	0.039
10	33	19.222	19.228	0.006
10	34	18.882	18.961	0.079
15	35	19.045	19.084	0.039
15	36	18.824	18.835	0.011
15	37	19.037	19.097	0.060
15	38	18.783	18.870	0.087
15	39	18.896	18.982	0.086
30	40	18.973	18.818	-0.155
30	41	19.614	19.376	-0.238
30	42	19.290	19.087	-0.203
30	43	19.046	18.883	-0.163
30	44	19.589	19.375	-0.214
35	45	19.275	19.227	-0.048
35	46	19.586	19.316	-0.270
35	47	18.903	18.875	-0.028
35	48	19.493	19.404	-0.089
35	49	19.227	19.148	-0.079
50	50	19.781	19.316	-0.465
50	51	19.734	19.295	-0.439
50	52	19.539	19.106	-0.433
50	53	19.933	19.483	-0.450
50	54	19.397	19.026	-0.371
55	55	19.841	19.400	-0.441
55	56	19.310	18.895	-0.415
55	57	19.584	19.173	-0.411
55	58	19.621	19.398	-0.223
55	59	18.986	18.842	-0.144
100	60	20.027	19.163	-0.864
100	61	20.235	19.364	-0.871
100	62	20.040	19.197	-0.843
100	63	19.698	18.855	-0.843
100	64	19.940	19.112	-0.828
105	65	19.478	18.992	-0.486
105	66	19.521	19.058	-0.463
105	67	20.345	19.404	-0.941
105	68	20.338	19.430	-0.908
105	69	19.868	19.350	-0.518
	Max	20.345	19.483	0.135
	Average	19.347	19.139	-0.208
	Min	18.657	18.769	-0.941
	Std Dev	0.435	0.202	0.333



	18.0_Res_PU_EN1/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.806	18.769	18.983	18.898	18.835	18.818	18.875	19.026	18.842	18.855	18.992
Average	19.043	19.129	19.211	19.063	18.974	19.108	19.194	19.245	19.142	19.138	19.247
Max	19.165	19.444	19.343	19.228	19.097	19.376	19.404	19.483	19.400	19.364	19.430
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

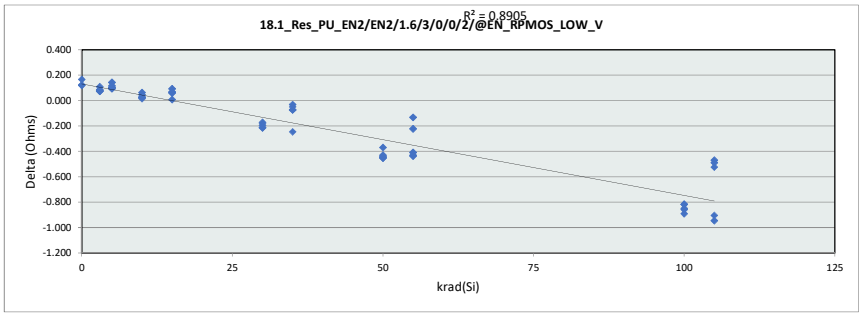


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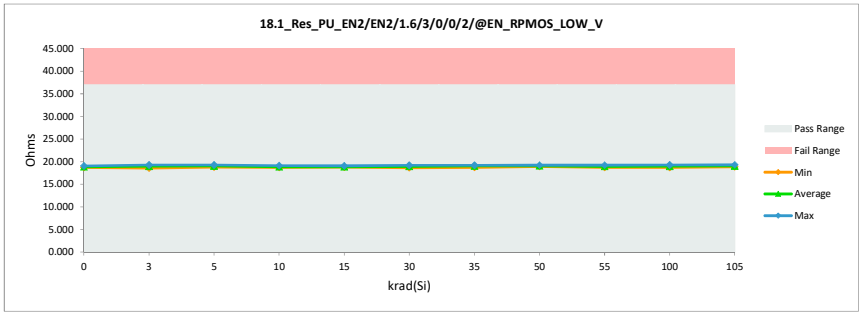
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.1_Res_PU_EN2/EN2/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	18.571	18.690	0.119
0	14	18.922	19.045	0.123
0	15	18.819	18.985	0.166
3	20	18.937	19.022	0.085
3	21	18.520	18.597	0.077
3	22	19.036	19.110	0.074
3	23	19.200	19.273	0.073
3	24	18.908	19.016	0.108
5	25	19.121	19.214	0.093
5	26	19.140	19.244	0.104
5	27	18.717	18.816	0.099
5	28	18.731	18.873	0.142
5	29	19.119	19.236	0.117
10	30	19.082	19.098	0.016
10	31	18.829	18.874	0.045
10	32	18.671	18.697	0.026
10	33	18.914	18.941	0.027
10	34	18.753	18.816	0.063
15	35	18.902	18.961	0.059
15	36	18.787	18.795	0.008
15	37	19.019	19.087	0.068
15	38	18.699	18.763	0.064
15	39	18.684	18.777	0.093
30	40	18.841	18.669	-0.172
30	41	19.392	19.179	-0.213
30	42	19.124	18.928	-0.196
30	43	18.956	18.775	-0.181
30	44	19.401	19.186	-0.215
35	45	19.169	19.119	-0.050
35	46	19.442	19.196	-0.246
35	47	18.769	18.737	-0.032
35	48	19.201	19.127	-0.074
35	49	19.165	19.092	-0.073
50	50	19.661	19.207	-0.454
50	51	19.634	19.184	-0.450
50	52	19.454	19.014	-0.440
50	53	19.593	19.163	-0.430
50	54	19.288	18.918	-0.370
55	55	19.616	19.186	-0.430
55	56	19.221	18.785	-0.436
55	57	19.412	19.003	-0.409
55	58	19.456	19.233	-0.223
55	59	18.839	18.707	-0.132
100	60	19.816	18.958	-0.858
100	61	20.145	19.254	-0.891
100	62	19.961	19.112	-0.849
100	63	19.525	18.708	-0.817
100	64	19.767	18.951	-0.816
105	65	19.355	18.865	-0.490
105	66	19.320	18.851	-0.469
105	67	20.173	19.227	-0.946
105	68	20.094	19.190	-0.904
105	69	19.812	19.288	-0.524
	Max	20.173	19.288	0.166
	Average	19.202	18.995	-0.206
	Min	18.520	18.597	-0.946
	Std Dev	0.422	0.194	0.333



	18.1_Res_PU_EN2/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.690	18.597	18.816	18.697	18.763	18.669	18.737	18.918	18.707	18.708	18.851
Average	18.907	19.004	19.077	18.885	18.877	18.947	19.054	19.097	18.983	18.997	19.084
Max	19.045	19.273	19.244	19.098	19.087	19.186	19.196	19.207	19.233	19.254	19.288
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

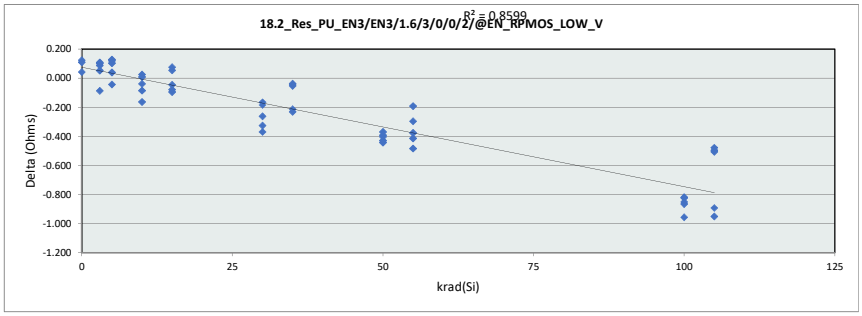


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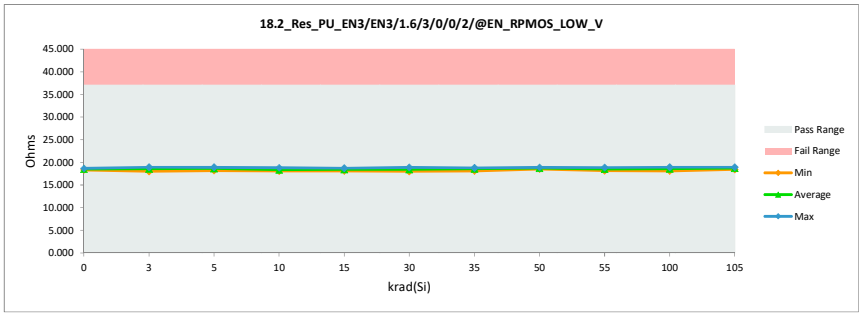
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.2_Res_PU_EN3/EN3/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	18.293	18.336	0.043
0	14	18.586	18.696	0.110
0	15	18.492	18.616	0.124
3	20	18.492	18.545	0.053
3	21	18.099	18.012	-0.087
3	22	18.598	18.686	0.088
3	23	18.837	18.938	0.101
3	24	18.503	18.611	0.108
5	25	18.792	18.895	0.103
5	26	18.790	18.918	0.128
5	27	18.364	18.403	0.039
5	28	18.237	18.194	-0.043
5	29	18.699	18.818	0.119
10	30	18.793	18.819	0.026
10	31	18.355	18.270	-0.085
10	32	18.240	18.077	-0.163
10	33	18.477	18.485	0.008
10	34	18.331	18.293	-0.038
15	35	18.561	18.615	0.054
15	36	18.508	18.463	-0.045
15	37	18.643	18.719	0.076
15	38	18.238	18.144	-0.094
15	39	18.233	18.154	-0.079
30	40	18.395	18.026	-0.369
30	41	18.853	18.687	-0.166
30	42	18.572	18.310	-0.262
30	43	18.444	18.118	-0.326
30	44	19.073	18.889	-0.184
35	45	18.716	18.679	-0.037
35	46	19.025	18.794	-0.231
35	47	18.349	18.137	-0.212
35	48	18.717	18.664	-0.053
35	49	18.800	18.753	-0.047
50	50	19.338	18.896	-0.442
50	51	19.202	18.773	-0.429
50	52	19.055	18.663	-0.392
50	53	19.069	18.666	-0.403
50	54	18.896	18.527	-0.369
55	55	19.199	18.785	-0.414
55	56	18.824	18.340	-0.484
55	57	18.935	18.559	-0.376
55	58	19.068	18.876	-0.192
55	59	18.475	18.179	-0.296
100	60	19.442	18.591	-0.851
100	61	19.804	18.939	-0.865
100	62	19.528	18.704	-0.824
100	63	19.085	18.129	-0.956
100	64	19.394	18.575	-0.819
105	65	18.925	18.418	-0.507
105	66	18.904	18.426	-0.478
105	67	19.849	18.898	-0.951
105	68	19.762	18.870	-0.892
105	69	19.417	18.922	-0.495
	Max	19.849	18.939	0.128
	Average	18.798	18.557	-0.241
	Min	18.099	18.012	-0.956
	Std Dev	0.433	0.279	0.318



	18.2_Res_PU_EN3/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.336	18.012	18.194	18.077	18.144	18.026	18.137	18.527	18.179	18.129	18.418
Average	18.549	18.558	18.646	18.389	18.419	18.406	18.605	18.705	18.548	18.588	18.707
Max	18.696	18.938	18.918	18.819	18.719	18.889	18.794	18.896	18.876	18.939	18.922
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

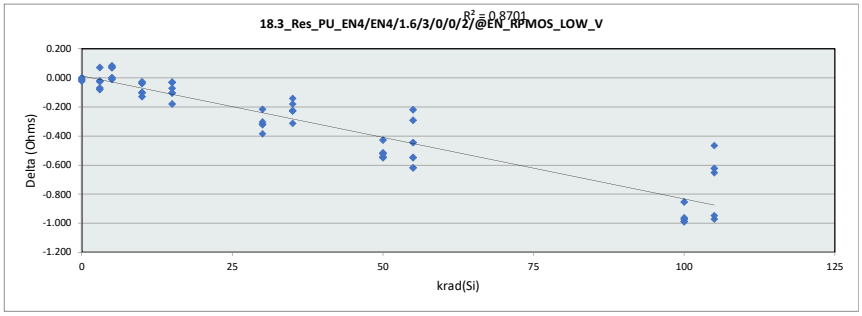


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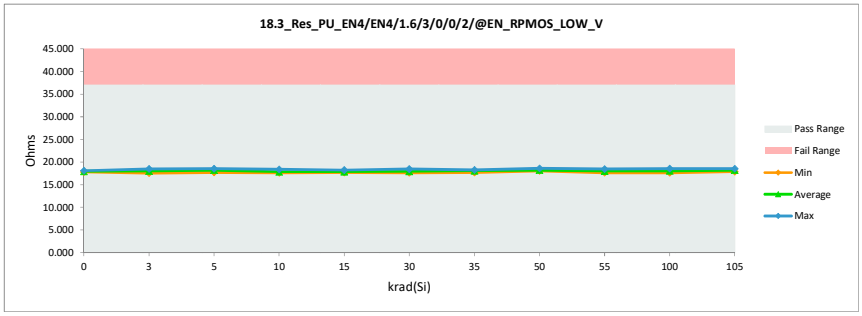
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.3_Res_PU_EN4/EN4/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	17.800	17.801	0.001
0	14	18.104	18.082	-0.022
0	15	18.097	18.088	-0.009
3	20	18.001	17.932	-0.069
3	21	17.590	17.565	-0.025
3	22	18.136	18.056	-0.080
3	23	18.424	18.495	0.071
3	24	17.970	17.948	-0.022
5	25	18.431	18.514	0.083
5	26	18.405	18.478	0.073
5	27	17.824	17.815	-0.009
5	28	17.705	17.707	0.002
5	29	18.367	18.437	0.070
10	30	18.402	18.374	-0.028
10	31	17.833	17.733	-0.100
10	32	17.715	17.612	-0.103
10	33	18.068	17.939	-0.129
10	34	17.754	17.715	-0.039
15	35	18.126	18.022	-0.104
15	36	18.116	17.937	-0.179
15	37	18.309	18.237	-0.072
15	38	17.723	17.691	-0.032
15	39	17.738	17.709	-0.029
30	40	17.934	17.631	-0.303
30	41	18.485	18.164	-0.321
30	42	18.205	17.821	-0.384
30	43	17.998	17.680	-0.318
30	44	18.657	18.441	-0.216
35	45	18.294	18.068	-0.226
35	46	18.591	18.278	-0.313
35	47	17.841	17.699	-0.142
35	48	18.297	18.071	-0.226
35	49	18.405	18.226	-0.179
50	50	19.025	18.597	-0.428
50	51	18.755	18.239	-0.516
50	52	18.611	18.067	-0.544
50	53	18.671	18.123	-0.548
50	54	18.556	18.033	-0.523
55	55	18.782	18.337	-0.445
55	56	18.413	17.794	-0.619
55	57	18.533	17.985	-0.548
55	58	18.667	18.448	-0.219
55	59	17.939	17.648	-0.291
100	60	18.996	18.009	-0.987
100	61	19.405	18.551	-0.854
100	62	19.095	18.125	-0.970
100	63	18.648	17.659	-0.989
100	64	18.956	17.993	-0.963
105	65	18.531	17.879	-0.652
105	66	18.473	17.851	-0.622
105	67	19.432	18.485	-0.947
105	68	19.279	18.308	-0.971
105	69	19.003	18.537	-0.466
	Max	19.432	18.597	0.083
	Average	18.361	18.050	-0.311
	Min	17.590	17.565	-0.989
	Std Dev	0.463	0.297	0.325



	18.3_Res_PU_EN4/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	17.801	17.565	17.707	17.612	17.691	17.631	17.699	18.033	17.648	17.659	17.851
Average	17.990	17.999	18.190	17.875	17.919	17.947	18.068	18.212	18.042	18.067	18.212
Max	18.088	18.495	18.514	18.374	18.237	18.441	18.278	18.597	18.448	18.551	18.537
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

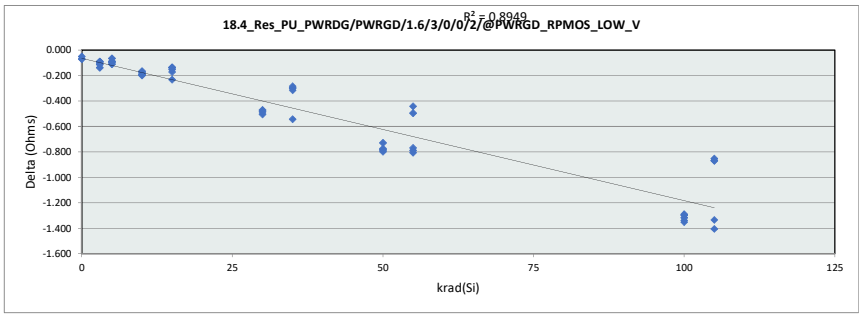


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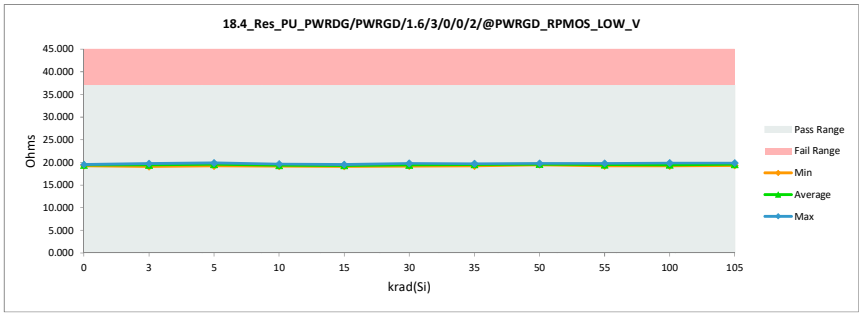
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.4_Res_PU_PWRDG/PW	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	19.330	19.258	-0.072
0	14	19.578	19.509	-0.069
0	15	19.566	19.516	-0.050
3	20	19.475	19.337	-0.138
3	21	19.198	19.085	-0.113
3	22	19.658	19.558	-0.100
3	23	19.814	19.724	-0.090
3	24	19.575	19.484	-0.091
5	25	19.957	19.858	-0.099
5	26	19.941	19.849	-0.092
5	27	19.495	19.384	-0.111
5	28	19.315	19.226	-0.089
5	29	19.759	19.694	-0.065
10	30	19.802	19.623	-0.179
10	31	19.515	19.320	-0.195
10	32	19.340	19.150	-0.190
10	33	19.690	19.490	-0.200
10	34	19.455	19.290	-0.165
15	35	19.631	19.459	-0.172
15	36	19.579	19.346	-0.233
15	37	19.665	19.529	-0.136
15	38	19.252	19.114	-0.138
15	39	19.396	19.244	-0.152
30	40	19.650	19.181	-0.469
30	41	20.277	19.771	-0.506
30	42	19.844	19.361	-0.483
30	43	19.771	19.298	-0.473
30	44	20.109	19.615	-0.494
35	45	19.952	19.650	-0.302
35	46	20.234	19.690	-0.544
35	47	19.520	19.236	-0.284
35	48	19.707	19.413	-0.294
35	49	19.993	19.677	-0.316
50	50	20.581	19.782	-0.799
50	51	20.409	19.626	-0.783
50	52	20.298	19.513	-0.785
50	53	20.478	19.704	-0.774
50	54	20.200	19.471	-0.729
55	55	20.523	19.735	-0.788
55	56	20.165	19.359	-0.806
55	57	20.318	19.549	-0.769
55	58	20.264	19.769	-0.495
55	59	19.644	19.202	-0.442
100	60	20.835	19.483	-1.352
100	61	21.190	19.851	-1.339
100	62	20.640	19.341	-1.299
100	63	20.533	19.215	-1.318
100	64	20.808	19.517	-1.291
105	65	20.231	19.363	-0.868
105	66	20.140	19.288	-0.852
105	67	21.197	19.791	-1.406
105	68	21.019	19.684	-1.335
105	69	20.715	19.844	-0.871
	Max	21.197	19.858	-0.050
	Average	19.985	19.491	-0.494
	Min	19.198	19.085	-1.406
	Std Dev	0.518	0.218	0.423



	18.4_Res_PU_PWRDG/P										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	19.258	19.085	19.226	19.150	19.114	19.181	19.236	19.471	19.202	19.215	19.288
Average	19.428	19.438	19.602	19.375	19.338	19.445	19.533	19.619	19.523	19.481	19.594
Max	19.516	19.724	19.858	19.623	19.529	19.771	19.690	19.782	19.769	19.851	19.844
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

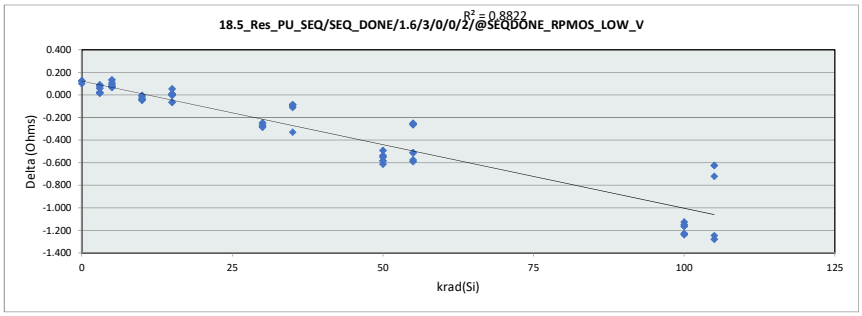


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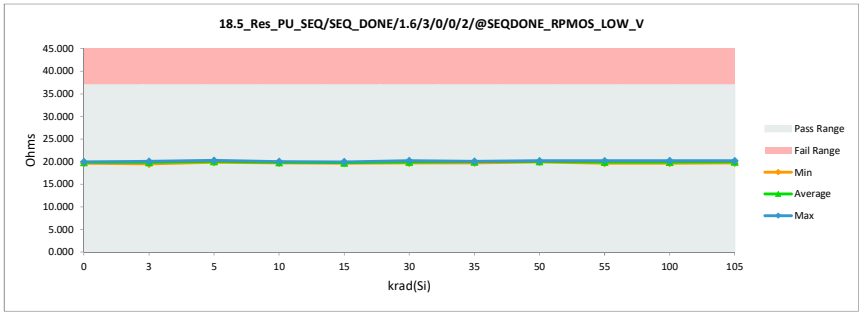
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.5_Res_PU_SEQ/SEQ_D	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	19.554	19.655	0.101
0	14	19.854	19.978	0.124
0	15	19.849	19.974	0.125
3	20	19.671	19.686	0.015
3	21	19.464	19.487	0.023
3	22	19.920	19.980	0.060
3	23	20.007	20.096	0.089
3	24	19.913	19.992	0.079
5	25	20.138	20.229	0.091
5	26	20.164	20.271	0.107
5	27	19.751	19.818	0.067
5	28	19.769	19.843	0.074
5	29	20.087	20.220	0.133
10	30	20.057	20.053	-0.004
10	31	19.832	19.785	-0.047
10	32	19.710	19.672	-0.038
10	33	19.948	19.919	-0.029
10	34	19.733	19.725	-0.008
15	35	19.821	19.831	0.010
15	36	19.866	19.801	-0.065
15	37	19.905	19.958	0.053
15	38	19.595	19.602	0.007
15	39	19.677	19.674	-0.003
30	40	19.909	19.663	-0.246
30	41	20.502	20.227	-0.275
30	42	20.135	19.849	-0.286
30	43	20.094	19.824	-0.270
30	44	20.361	20.105	-0.256
35	45	20.152	20.067	-0.085
35	46	20.422	20.092	-0.330
35	47	19.828	19.725	-0.103
35	48	20.120	20.032	-0.088
35	49	20.203	20.092	-0.111
50	50	20.808	20.196	-0.612
50	51	20.585	20.034	-0.551
50	52	20.432	19.895	-0.537
50	53	20.753	20.170	-0.583
50	54	20.382	19.891	-0.491
55	55	20.766	20.175	-0.591
55	56	20.288	19.712	-0.576
55	57	20.543	20.031	-0.512
55	58	20.488	20.224	-0.264
55	59	19.841	19.590	-0.251
100	60	21.195	19.957	-1.238
100	61	21.402	20.175	-1.227
100	62	20.914	19.789	-1.125
100	63	20.802	19.652	-1.150
100	64	21.130	19.967	-1.163
105	65	20.458	19.834	-0.624
105	66	20.318	19.694	-0.624
105	67	21.451	20.174	-1.277
105	68	21.432	20.187	-1.245
105	69	20.931	20.211	-0.720
	Max	21.451	20.271	0.133
	Average	20.244	19.934	-0.310
	Min	19.464	19.487	-1.277
	Std Dev	0.509	0.208	0.430



	18.5_Res_PU_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	19.655	19.487	19.818	19.672	19.602	19.663	19.725	19.891	19.590	19.652	19.694
Average	19.869	19.848	20.076	19.831	19.773	19.934	20.002	20.037	19.946	19.908	20.020
Max	19.978	20.096	20.271	20.053	19.958	20.227	20.092	20.196	20.224	20.175	20.211
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

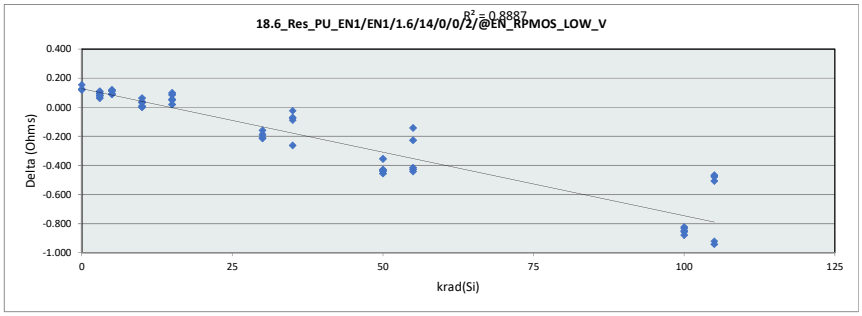


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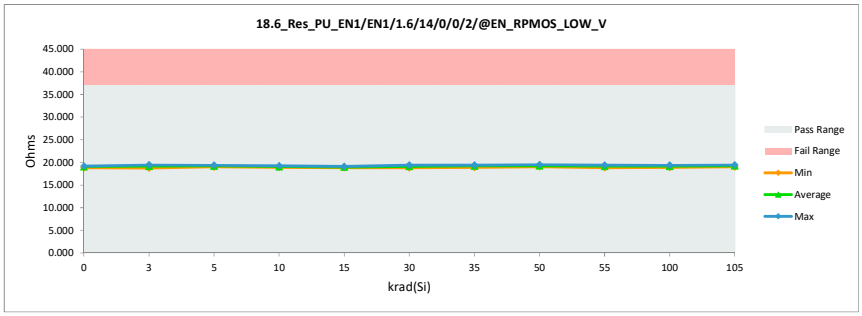
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.6_Res_PU_EN1/EN1/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	18.664	18.818	0.154
0	14	19.048	19.166	0.118
0	15	19.040	19.164	0.124
3	20	18.960	19.043	0.083
3	21	18.662	18.758	0.096
3	22	19.230	19.293	0.063
3	23	19.367	19.445	0.078
3	24	18.990	19.099	0.109
5	25	19.220	19.311	0.091
5	26	19.257	19.346	0.089
5	27	18.879	18.989	0.110
5	28	18.984	19.103	0.119
5	29	19.194	19.311	0.117
10	30	19.228	19.235	0.007
10	31	18.982	19.013	0.031
10	32	18.854	18.891	0.037
10	33	19.225	19.225	0.000
10	34	18.884	18.947	0.063
15	35	19.046	19.095	0.049
15	36	18.825	18.844	0.019
15	37	19.048	19.102	0.054
15	38	18.784	18.882	0.098
15	39	18.901	18.986	0.085
30	40	18.969	18.809	-0.160
30	41	19.606	19.394	-0.212
30	42	19.286	19.092	-0.194
30	43	19.065	18.880	-0.185
30	44	19.598	19.384	-0.214
35	45	19.292	19.221	-0.071
35	46	19.581	19.318	-0.263
35	47	18.896	18.871	-0.025
35	48	19.490	19.400	-0.090
35	49	19.223	19.148	-0.075
50	50	19.769	19.313	-0.456
50	51	19.736	19.308	-0.428
50	52	19.539	19.100	-0.439
50	53	19.931	19.496	-0.435
50	54	19.391	19.036	-0.355
55	55	19.847	19.405	-0.442
55	56	19.319	18.892	-0.427
55	57	19.595	19.179	-0.416
55	58	19.624	19.397	-0.227
55	59	18.989	18.847	-0.142
100	60	20.020	19.163	-0.857
100	61	20.246	19.367	-0.879
100	62	20.048	19.197	-0.851
100	63	19.686	18.861	-0.825
100	64	19.944	19.110	-0.834
105	65	19.483	19.004	-0.479
105	66	19.530	19.063	-0.467
105	67	20.350	19.407	-0.943
105	68	20.344	19.422	-0.922
105	69	19.871	19.363	-0.508
	Max	20.350	19.496	0.154
	Average	19.350	19.142	-0.208
	Min	18.662	18.758	-0.943
	Std Dev	0.435	0.203	0.332



	18.6_Res_PU_EN1/EN1/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.818	18.758	18.989	18.891	18.844	18.809	18.871	19.036	18.847	18.861	19.004
Average	19.049	19.128	19.212	19.062	18.982	19.112	19.192	19.251	19.144	19.140	19.252
Max	19.166	19.445	19.346	19.235	19.102	19.394	19.400	19.496	19.405	19.367	19.422
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

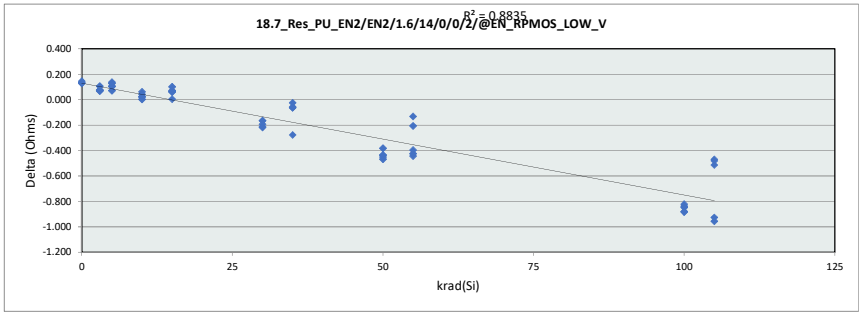


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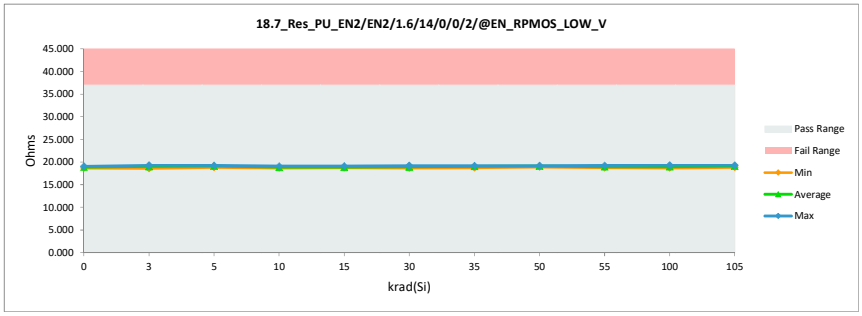
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.7_Res_PU_EN2/EN2/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	18.564	18.697	0.133
0	14	18.922	19.048	0.126
0	15	18.834	18.979	0.145
3	20	18.941	19.018	0.077
3	21	18.514	18.587	0.073
3	22	19.046	19.118	0.072
3	23	19.200	19.267	0.067
3	24	18.920	19.025	0.105
5	25	19.148	19.218	0.070
5	26	19.140	19.245	0.105
5	27	18.708	18.836	0.128
5	28	18.742	18.879	0.137
5	29	19.136	19.239	0.103
10	30	19.098	19.100	0.002
10	31	18.845	18.867	0.022
10	32	18.653	18.694	0.041
10	33	18.924	18.944	0.020
10	34	18.747	18.808	0.061
15	35	18.900	18.962	0.062
15	36	18.798	18.802	0.004
15	37	19.027	19.087	0.060
15	38	18.696	18.766	0.070
15	39	18.687	18.787	0.100
30	40	18.842	18.675	-0.167
30	41	19.397	19.178	-0.219
30	42	19.113	18.919	-0.194
30	43	18.951	18.786	-0.165
30	44	19.406	19.193	-0.213
35	45	19.183	19.118	-0.065
35	46	19.451	19.173	-0.278
35	47	18.772	18.747	-0.025
35	48	19.199	19.136	-0.063
35	49	19.149	19.093	-0.056
50	50	19.657	19.188	-0.469
50	51	19.645	19.194	-0.451
50	52	19.463	19.026	-0.437
50	53	19.601	19.165	-0.436
50	54	19.290	18.908	-0.382
55	55	19.633	19.189	-0.444
55	56	19.215	18.790	-0.425
55	57	19.416	19.019	-0.397
55	58	19.451	19.244	-0.207
55	59	18.846	18.714	-0.132
100	60	19.822	18.974	-0.848
100	61	20.151	19.268	-0.883
100	62	19.968	19.087	-0.881
100	63	19.544	18.706	-0.838
100	64	19.785	18.963	-0.822
105	65	19.351	18.869	-0.482
105	66	19.314	18.844	-0.470
105	67	20.189	19.233	-0.956
105	68	20.117	19.190	-0.927
105	69	19.801	19.287	-0.514
	Max	20.189	19.287	0.145
	Average	19.206	18.997	-0.209
	Min	18.514	18.587	-0.956
	Std Dev	0.425	0.193	0.335



	18.7_Res_PU_EN2/EN2/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.697	18.587	18.836	18.694	18.766	18.675	18.747	18.908	18.714	18.706	18.844
Average	18.908	19.003	19.083	18.883	18.881	18.950	19.053	19.096	18.991	19.000	19.085
Max	19.048	19.267	19.245	19.100	19.087	19.193	19.173	19.194	19.244	19.268	19.287
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

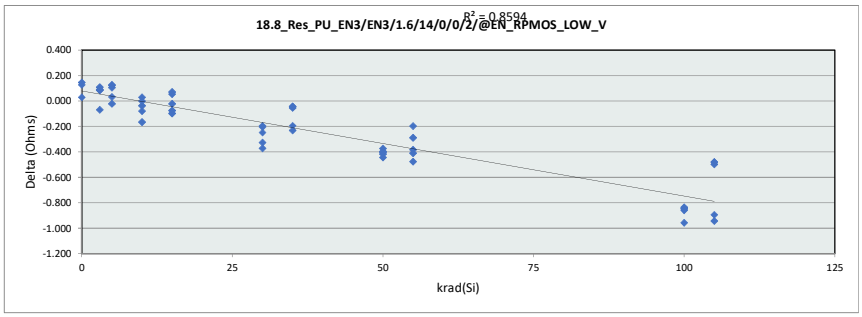


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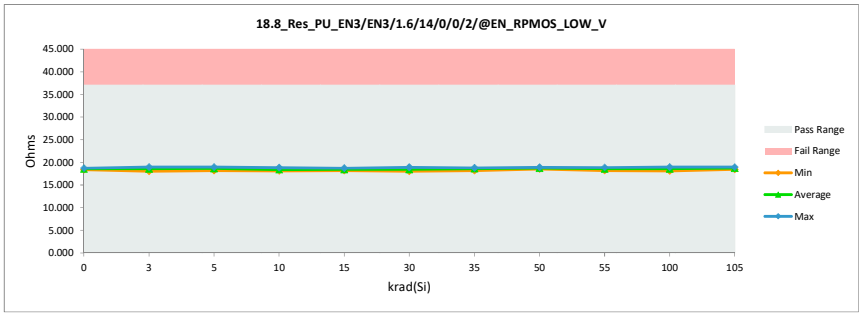
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.8_Res_PU_EN3/EN3/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	18.308	18.338	0.030
0	14	18.581	18.708	0.127
0	15	18.491	18.637	0.146
3	20	18.484	18.570	0.086
3	21	18.094	18.026	-0.068
3	22	18.603	18.691	0.088
3	23	18.831	18.940	0.109
3	24	18.518	18.605	0.087
5	25	18.798	18.903	0.105
5	26	18.801	18.929	0.128
5	27	18.381	18.413	0.032
5	28	18.238	18.217	-0.021
5	29	18.710	18.832	0.122
10	30	18.800	18.830	0.030
10	31	18.362	18.283	-0.079
10	32	18.257	18.092	-0.165
10	33	18.498	18.498	0.000
10	34	18.335	18.298	-0.037
15	35	18.566	18.621	0.055
15	36	18.498	18.476	-0.022
15	37	18.653	18.724	0.071
15	38	18.256	18.159	-0.097
15	39	18.261	18.186	-0.075
30	40	18.401	18.029	-0.372
30	41	18.873	18.678	-0.195
30	42	18.576	18.328	-0.248
30	43	18.454	18.128	-0.326
30	44	19.089	18.885	-0.204
35	45	18.722	18.677	-0.045
35	46	19.038	18.807	-0.231
35	47	18.365	18.171	-0.194
35	48	18.723	18.669	-0.054
35	49	18.809	18.766	-0.043
50	50	19.351	18.907	-0.444
50	51	19.193	18.777	-0.416
50	52	19.063	18.659	-0.404
50	53	19.075	18.678	-0.397
50	54	18.891	18.518	-0.373
55	55	19.200	18.790	-0.410
55	56	18.834	18.357	-0.477
55	57	18.952	18.570	-0.382
55	58	19.073	18.876	-0.197
55	59	18.476	18.188	-0.288
100	60	19.441	18.595	-0.846
100	61	19.796	18.938	-0.858
100	62	19.546	18.698	-0.848
100	63	19.097	18.140	-0.957
100	64	19.408	18.573	-0.835
105	65	18.933	18.436	-0.497
105	66	18.911	18.433	-0.478
105	67	19.852	18.910	-0.942
105	68	19.766	18.872	-0.894
105	69	19.412	18.932	-0.480
	Max	19.852	18.940	0.146
	Average	18.805	18.565	-0.239
	Min	18.094	18.026	-0.957
	Std Dev	0.431	0.276	0.319



	18.8_Res_PU_EN3/EN3/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.338	18.026	18.217	18.092	18.159	18.029	18.171	18.518	18.188	18.140	18.433
Average	18.561	18.566	18.659	18.400	18.433	18.410	18.618	18.708	18.556	18.589	18.717
Max	18.708	18.940	18.929	18.830	18.724	18.885	18.807	18.907	18.876	18.938	18.932
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

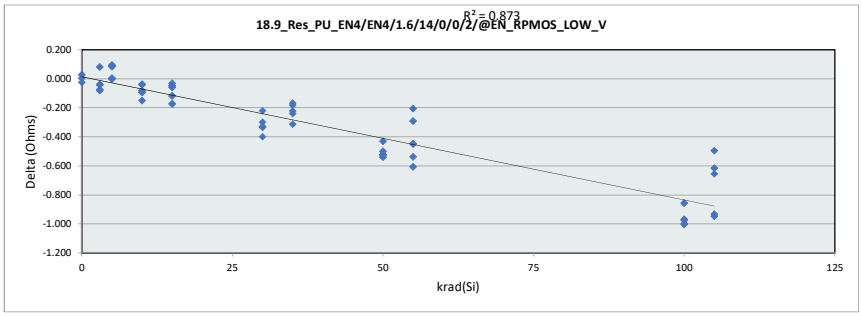


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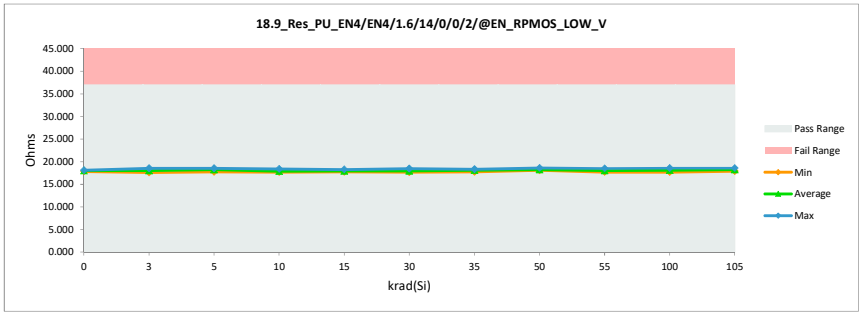
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.9_Res_PU_EN4/EN4/1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	17.796	17.822	0.026
0	14	18.109	18.083	-0.026
0	15	18.085	18.088	0.003
3	20	18.022	17.946	-0.076
3	21	17.608	17.566	-0.042
3	22	18.139	18.056	-0.083
3	23	18.432	18.512	0.080
3	24	17.991	17.950	-0.041
5	25	18.433	18.526	0.093
5	26	18.409	18.491	0.082
5	27	17.836	17.833	-0.003
5	28	17.709	17.712	0.003
5	29	18.369	18.454	0.085
10	30	18.418	18.376	-0.042
10	31	17.846	17.751	-0.095
10	32	17.719	17.635	-0.084
10	33	18.097	17.945	-0.152
10	34	17.766	17.727	-0.039
15	35	18.158	18.038	-0.120
15	36	18.135	17.960	-0.175
15	37	18.305	18.244	-0.061
15	38	17.745	17.694	-0.051
15	39	17.742	17.710	-0.032
30	40	17.938	17.637	-0.301
30	41	18.502	18.167	-0.335
30	42	18.233	17.833	-0.400
30	43	18.011	17.681	-0.330
30	44	18.667	18.445	-0.222
35	45	18.304	18.080	-0.224
35	46	18.594	18.280	-0.314
35	47	17.868	17.699	-0.169
35	48	18.313	18.072	-0.241
35	49	18.412	18.228	-0.184
50	50	19.035	18.604	-0.431
50	51	18.761	18.260	-0.501
50	52	18.618	18.077	-0.541
50	53	18.680	18.152	-0.528
50	54	18.577	18.053	-0.524
55	55	18.791	18.342	-0.449
55	56	18.415	17.807	-0.608
55	57	18.528	17.989	-0.539
55	58	18.672	18.465	-0.207
55	59	17.948	17.655	-0.293
100	60	19.019	18.016	-1.003
100	61	19.406	18.548	-0.858
100	62	19.098	18.123	-0.975
100	63	18.672	17.672	-1.000
100	64	18.972	18.002	-0.970
105	65	18.548	17.892	-0.656
105	66	18.483	17.866	-0.617
105	67	19.436	18.503	-0.933
105	68	19.284	18.336	-0.948
105	69	19.036	18.540	-0.496
	Max	19.436	18.604	0.093
	Average	18.372	18.059	-0.312
	Min	17.608	17.566	-1.003
	Std Dev	0.462	0.297	0.325



	18.9_Res_PU_EN4/EN4/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	17.822	17.566	17.712	17.635	17.694	17.637	17.699	18.053	17.655	17.672	17.866
Average	17.998	18.006	18.203	17.887	17.929	17.953	18.072	18.229	18.052	18.072	18.227
Max	18.088	18.512	18.526	18.376	18.244	18.445	18.280	18.604	18.465	18.548	18.540
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

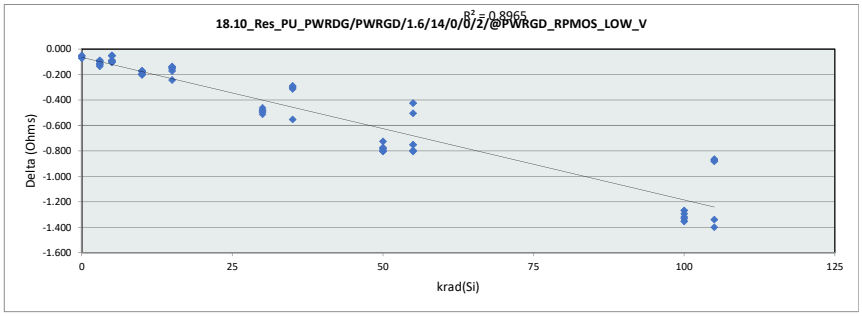


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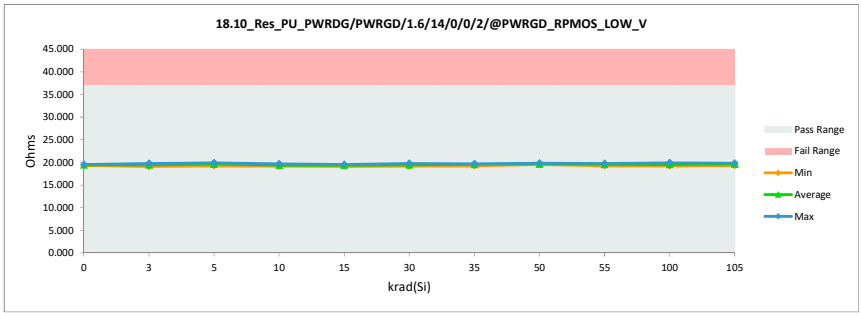
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.10_Res_PU_PWRDG/PW	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	19.355	19.284	-0.071
0	14	19.588	19.537	-0.051
0	15	19.591	19.534	-0.057
3	20	19.487	19.371	-0.116
3	21	19.233	19.098	-0.135
3	22	19.687	19.564	-0.123
3	23	19.845	19.746	-0.099
3	24	19.599	19.509	-0.090
5	25	19.971	19.874	-0.097
5	26	19.959	19.869	-0.090
5	27	19.506	19.402	-0.104
5	28	19.321	19.267	-0.054
5	29	19.778	19.727	-0.051
10	30	19.823	19.646	-0.177
10	31	19.535	19.336	-0.199
10	32	19.362	19.166	-0.196
10	33	19.708	19.506	-0.202
10	34	19.468	19.296	-0.172
15	35	19.660	19.487	-0.173
15	36	19.606	19.362	-0.244
15	37	19.690	19.550	-0.140
15	38	19.273	19.130	-0.143
15	39	19.414	19.257	-0.157
30	40	19.672	19.192	-0.480
30	41	20.287	19.773	-0.514
30	42	19.855	19.393	-0.462
30	43	19.800	19.313	-0.487
30	44	20.132	19.635	-0.497
35	45	19.976	19.670	-0.306
35	46	20.262	19.708	-0.554
35	47	19.544	19.254	-0.290
35	48	19.718	19.422	-0.296
35	49	20.003	19.688	-0.315
50	50	20.602	19.797	-0.805
50	51	20.430	19.628	-0.802
50	52	20.322	19.537	-0.785
50	53	20.498	19.723	-0.775
50	54	20.223	19.496	-0.727
55	55	20.533	19.736	-0.797
55	56	20.176	19.371	-0.805
55	57	20.325	19.572	-0.753
55	58	20.286	19.780	-0.506
55	59	19.651	19.225	-0.426
100	60	20.862	19.507	-1.355
100	61	21.200	19.867	-1.333
100	62	20.659	19.363	-1.296
100	63	20.548	19.227	-1.321
100	64	20.814	19.545	-1.269
105	65	20.261	19.378	-0.883
105	66	20.165	19.298	-0.867
105	67	21.210	19.809	-1.401
105	68	21.037	19.695	-1.342
105	69	20.736	19.861	-0.875
	Max	21.210	19.874	-0.051
	Average	20.005	19.509	-0.496
	Min	19.233	19.098	-1.401
	Std Dev	0.516	0.217	0.423



	18.10_Res_PU_PWRDG/										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	19.284	19.098	19.267	19.166	19.130	19.192	19.254	19.496	19.225	19.227	19.298
Average	19.452	19.458	19.628	19.390	19.357	19.461	19.548	19.636	19.537	19.502	19.608
Max	19.537	19.746	19.874	19.646	19.550	19.773	19.708	19.797	19.780	19.867	19.861
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

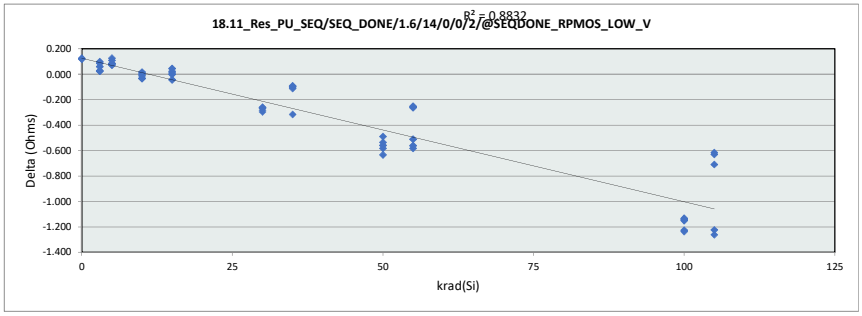


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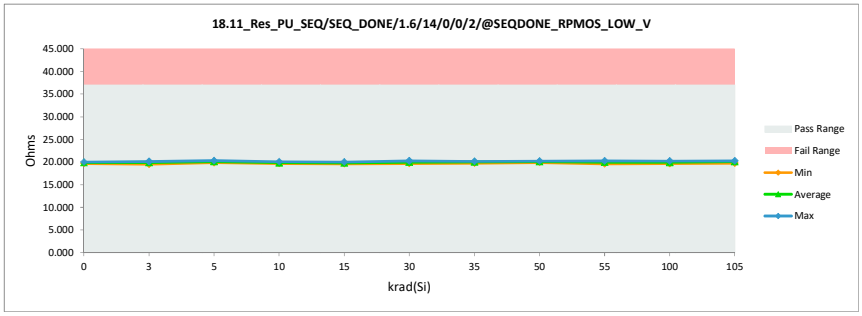
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.11_Res_PU_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	40	37
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	19.566	19.688	0.122
0	14	19.869	19.986	0.117
0	15	19.862	19.987	0.125
3	20	19.692	19.717	0.025
3	21	19.482	19.505	0.023
3	22	19.943	20.001	0.058
3	23	20.018	20.115	0.097
3	24	19.936	20.021	0.085
5	25	20.167	20.250	0.083
5	26	20.181	20.288	0.107
5	27	19.767	19.838	0.071
5	28	19.784	19.864	0.080
5	29	20.098	20.222	0.124
10	30	20.071	20.071	0.000
10	31	19.841	19.807	-0.034
10	32	19.722	19.687	-0.035
10	33	19.965	19.951	-0.014
10	34	19.741	19.755	0.014
15	35	19.834	19.855	0.021
15	36	19.861	19.816	-0.045
15	37	19.939	19.983	0.044
15	38	19.621	19.619	-0.002
15	39	19.688	19.698	0.010
30	40	19.943	19.683	-0.260
30	41	20.517	20.232	-0.285
30	42	20.151	19.853	-0.298
30	43	20.107	19.841	-0.266
30	44	20.393	20.127	-0.266
35	45	20.179	20.078	-0.101
35	46	20.438	20.120	-0.318
35	47	19.855	19.754	-0.101
35	48	20.132	20.040	-0.092
35	49	20.209	20.096	-0.113
50	50	20.842	20.207	-0.635
50	51	20.620	20.059	-0.561
50	52	20.461	19.923	-0.538
50	53	20.779	20.195	-0.584
50	54	20.395	19.904	-0.491
55	55	20.771	20.187	-0.584
55	56	20.304	19.740	-0.564
55	57	20.577	20.064	-0.513
55	58	20.500	20.236	-0.264
55	59	19.855	19.601	-0.254
100	60	21.224	19.985	-1.239
100	61	21.430	20.202	-1.228
100	62	20.952	19.800	-1.152
100	63	20.808	19.674	-1.134
100	64	21.133	19.991	-1.142
105	65	20.481	19.850	-0.631
105	66	20.338	19.721	-0.617
105	67	21.463	20.200	-1.263
105	68	21.448	20.222	-1.226
105	69	20.951	20.240	-0.711
Max		21.463	20.288	0.125
Average		20.262	19.954	-0.309
Min		19.482	19.505	-1.263
Std Dev		0.511	0.207	0.429



	18.11_Res_PU_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	37	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	19.688	19.505	19.838	19.687	19.619	19.683	19.754	19.904	19.601	19.674	19.721
Average	19.887	19.872	20.092	19.854	19.794	19.947	20.018	20.058	19.966	19.930	20.047
Max	19.987	20.115	20.288	20.071	19.983	20.232	20.120	20.207	20.236	20.202	20.240
UL	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000

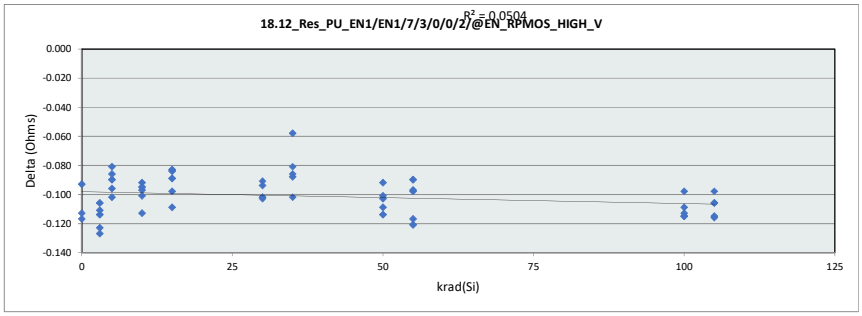


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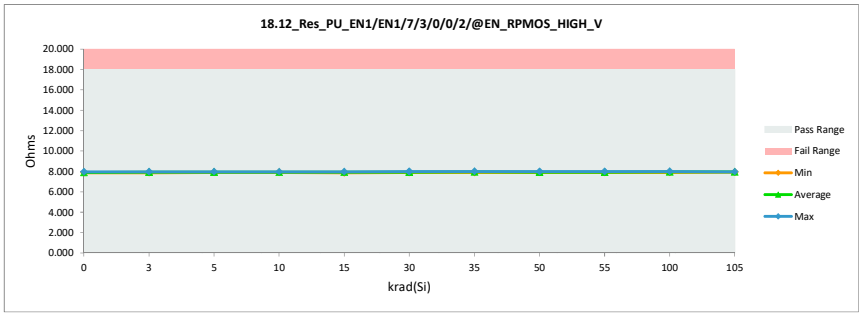
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.12_Res_PU_EN1/EN1/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.981	7.868	-0.113
0	14	8.073	7.956	-0.117
0	15	7.976	7.883	-0.093
3	20	8.070	7.959	-0.111
3	21	7.994	7.867	-0.127
3	22	8.065	7.942	-0.123
3	23	8.086	7.972	-0.114
3	24	8.022	7.916	-0.106
5	25	8.026	7.936	-0.090
5	26	8.048	7.962	-0.086
5	27	8.004	7.908	-0.096
5	28	8.019	7.938	-0.081
5	29	8.025	7.923	-0.102
10	30	8.053	7.961	-0.092
10	31	7.995	7.898	-0.097
10	32	8.036	7.923	-0.113
10	33	8.041	7.940	-0.101
10	34	7.993	7.898	-0.095
15	35	8.057	7.968	-0.089
15	36	7.981	7.872	-0.109
15	37	8.011	7.913	-0.098
15	38	7.942	7.858	-0.084
15	39	8.056	7.973	-0.083
30	40	7.985	7.882	-0.103
30	41	8.066	7.975	-0.091
30	42	8.040	7.946	-0.094
30	43	7.993	7.891	-0.102
30	44	8.059	7.957	-0.102
35	45	8.044	7.958	-0.086
35	46	8.056	7.968	-0.088
35	47	7.984	7.882	-0.102
35	48	8.054	7.996	-0.058
35	49	8.037	7.956	-0.081
50	50	8.064	7.950	-0.114
50	51	8.020	7.919	-0.101
50	52	8.051	7.942	-0.109
50	53	8.075	7.983	-0.092
50	54	8.007	7.904	-0.103
55	55	8.076	7.978	-0.098
55	56	8.006	7.885	-0.121
55	57	8.020	7.903	-0.117
55	58	8.055	7.965	-0.090
55	59	8.000	7.903	-0.097
100	60	8.041	7.926	-0.115
100	61	8.101	7.988	-0.113
100	62	8.089	7.991	-0.098
100	63	8.014	7.899	-0.115
100	64	8.065	7.956	-0.109
105	65	8.028	7.912	-0.116
105	66	8.069	7.971	-0.098
105	67	8.061	7.955	-0.106
105	68	8.087	7.972	-0.115
105	69	8.033	7.927	-0.106
	Max	8.101	7.996	-0.058
	Average	8.035	7.933	-0.101
	Min	7.942	7.858	-0.127
	Std Dev	0.035	0.037	0.013



	18.12_Res_PU_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.868	7.867	7.908	7.898	7.858	7.882	7.882	7.904	7.885	7.899	7.912
Average	7.902	7.931	7.933	7.924	7.917	7.930	7.952	7.940	7.927	7.952	7.947
Max	7.956	7.972	7.962	7.961	7.973	7.975	7.996	7.983	7.978	7.991	7.972
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

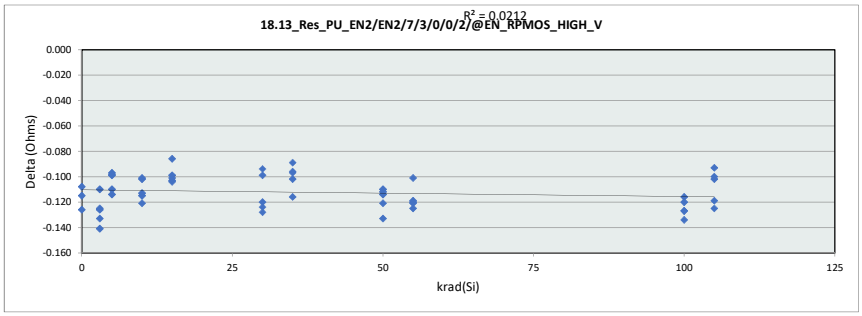


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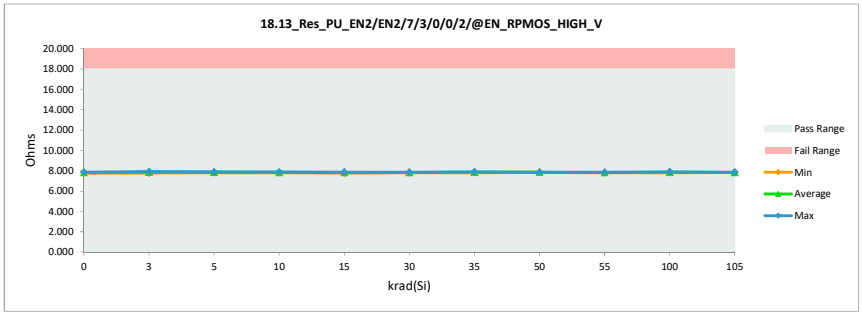
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.13_Res_PU_EN2/EN2/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.889	7.763	-0.126
0	14	7.977	7.862	-0.115
0	15	7.891	7.783	-0.108
3	20	8.042	7.909	-0.133
3	21	7.899	7.758	-0.141
3	22	7.953	7.828	-0.125
3	23	7.991	7.865	-0.126
3	24	7.950	7.840	-0.110
5	25	7.934	7.837	-0.097
5	26	7.978	7.879	-0.099
5	27	7.907	7.793	-0.114
5	28	7.921	7.811	-0.110
5	29	7.967	7.869	-0.098
10	30	7.973	7.871	-0.102
10	31	7.915	7.800	-0.115
10	32	7.948	7.835	-0.113
10	33	7.933	7.812	-0.121
10	34	7.904	7.803	-0.101
15	35	7.945	7.846	-0.099
15	36	7.903	7.802	-0.101
15	37	7.958	7.855	-0.103
15	38	7.852	7.748	-0.104
15	39	7.936	7.850	-0.086
30	40	7.912	7.784	-0.128
30	41	7.951	7.831	-0.120
30	42	7.933	7.834	-0.099
30	43	7.929	7.805	-0.124
30	44	7.942	7.848	-0.094
35	45	7.957	7.841	-0.116
35	46	7.982	7.885	-0.097
35	47	7.888	7.792	-0.096
35	48	7.935	7.846	-0.089
35	49	7.976	7.874	-0.102
50	50	7.979	7.858	-0.121
50	51	7.954	7.840	-0.114
50	52	7.979	7.846	-0.133
50	53	7.951	7.839	-0.112
50	54	7.919	7.809	-0.110
55	55	7.965	7.846	-0.119
55	56	7.921	7.796	-0.125
55	57	7.914	7.793	-0.121
55	58	7.957	7.837	-0.120
55	59	7.909	7.808	-0.101
100	60	7.940	7.806	-0.134
100	61	8.025	7.898	-0.127
100	62	8.005	7.889	-0.116
100	63	7.918	7.798	-0.120
100	64	7.969	7.842	-0.127
105	65	7.929	7.804	-0.125
105	66	7.936	7.834	-0.102
105	67	7.926	7.833	-0.093
105	68	7.957	7.838	-0.119
105	69	7.953	7.853	-0.100
	Max	8.042	7.909	-0.086
	Average	7.943	7.831	-0.112
	Min	7.852	7.748	-0.141
	Std Dev	0.035	0.035	0.013



	18.13_Res_PU_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.763	7.758	7.793	7.800	7.748	7.784	7.792	7.809	7.793	7.798	7.804
Average	7.803	7.840	7.838	7.824	7.820	7.820	7.848	7.838	7.816	7.847	7.832
Max	7.862	7.909	7.879	7.871	7.855	7.848	7.885	7.858	7.846	7.898	7.853
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

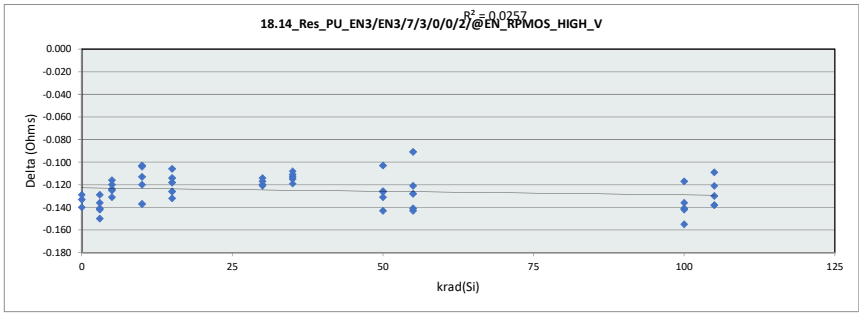


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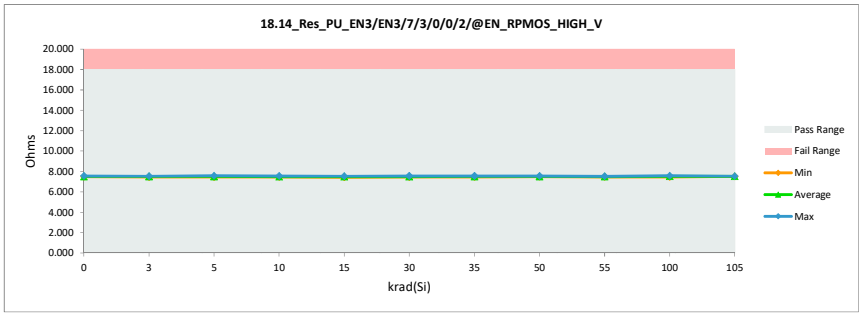
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.14_Res_PU_EN3/EN3/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.616	7.476	-0.140
0	14	7.687	7.554	-0.133
0	15	7.604	7.475	-0.129
3	20	7.681	7.540	-0.141
3	21	7.576	7.434	-0.142
3	22	7.623	7.473	-0.150
3	23	7.673	7.544	-0.129
3	24	7.640	7.504	-0.136
5	25	7.645	7.529	-0.116
5	26	7.687	7.562	-0.125
5	27	7.587	7.463	-0.124
5	28	7.571	7.440	-0.131
5	29	7.630	7.510	-0.120
10	30	7.695	7.558	-0.137
10	31	7.546	7.442	-0.104
10	32	7.606	7.486	-0.120
10	33	7.592	7.479	-0.113
10	34	7.574	7.471	-0.103
15	35	7.656	7.542	-0.114
15	36	7.631	7.505	-0.126
15	37	7.632	7.500	-0.132
15	38	7.537	7.419	-0.118
15	39	7.597	7.491	-0.106
30	40	7.553	7.439	-0.114
30	41	7.619	7.499	-0.120
30	42	7.584	7.467	-0.117
30	43	7.569	7.448	-0.121
30	44	7.669	7.549	-0.120
35	45	7.619	7.500	-0.119
35	46	7.669	7.561	-0.108
35	47	7.571	7.460	-0.111
35	48	7.605	7.492	-0.113
35	49	7.652	7.537	-0.115
50	50	7.677	7.551	-0.126
50	51	7.604	7.501	-0.103
50	52	7.653	7.510	-0.143
50	53	7.595	7.469	-0.126
50	54	7.609	7.478	-0.131
55	55	7.660	7.517	-0.143
55	56	7.615	7.487	-0.128
55	57	7.595	7.454	-0.141
55	58	7.641	7.520	-0.121
55	59	7.593	7.502	-0.091
100	60	7.629	7.493	-0.136
100	61	7.713	7.572	-0.141
100	62	7.700	7.558	-0.142
100	63	7.611	7.456	-0.155
100	64	7.630	7.513	-0.117
105	65	7.628	7.498	-0.130
105	66	7.656	7.518	-0.138
105	67	7.658	7.537	-0.121
105	68	7.665	7.527	-0.138
105	69	7.649	7.540	-0.109
	Max	7.713	7.572	-0.091
	Average	7.626	7.501	-0.125
	Min	7.537	7.419	-0.155
	Std Dev	0.042	0.039	0.013



	18.14_Res_PU_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.475	7.434	7.440	7.442	7.419	7.439	7.460	7.469	7.454	7.456	7.498
Average	7.502	7.499	7.501	7.487	7.491	7.480	7.510	7.502	7.496	7.518	7.524
Max	7.554	7.544	7.562	7.558	7.542	7.549	7.561	7.551	7.520	7.572	7.540
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

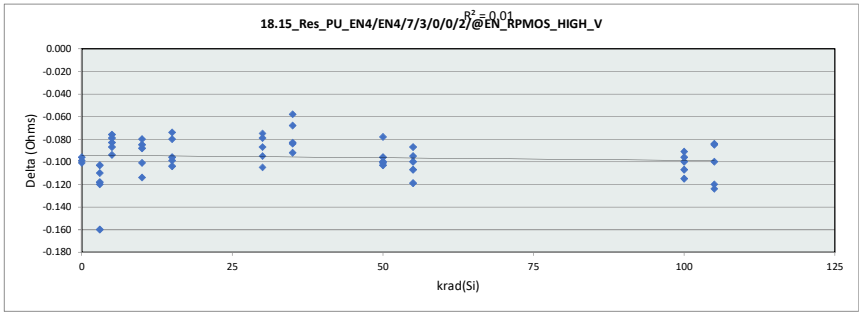


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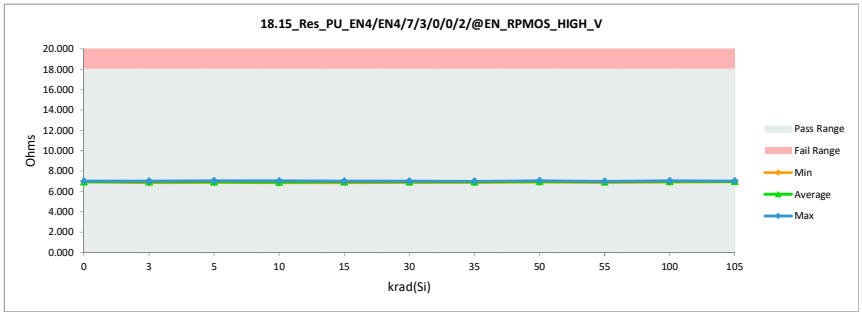
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.15_Res_PU_EN4/EN4/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.040	6.939	-0.101
0	14	7.103	7.004	-0.099
0	15	7.040	6.944	-0.096
3	20	7.106	6.988	-0.118
3	21	7.012	6.852	-0.160
3	22	7.043	6.923	-0.120
3	23	7.111	7.008	-0.103
3	24	7.042	6.932	-0.110
5	25	7.079	6.996	-0.083
5	26	7.113	7.037	-0.076
5	27	6.979	6.900	-0.079
5	28	6.986	6.899	-0.087
5	29	7.080	6.986	-0.094
10	30	7.129	7.041	-0.088
10	31	6.973	6.888	-0.085
10	32	7.013	6.899	-0.114
10	33	7.025	6.945	-0.080
10	34	6.973	6.872	-0.101
15	35	7.083	7.009	-0.074
15	36	7.047	6.951	-0.096
15	37	7.060	6.961	-0.099
15	38	6.974	6.870	-0.104
15	39	7.020	6.940	-0.080
30	40	7.007	6.902	-0.105
30	41	7.055	6.976	-0.079
30	42	7.036	6.949	-0.087
30	43	6.998	6.903	-0.095
30	44	7.086	7.011	-0.075
35	45	7.055	6.971	-0.084
35	46	7.092	7.000	-0.092
35	47	6.979	6.896	-0.083
35	48	7.019	6.961	-0.058
35	49	7.067	6.999	-0.068
50	50	7.165	7.064	-0.101
50	51	7.047	6.951	-0.096
50	52	7.089	6.986	-0.103
50	53	7.014	6.914	-0.100
50	54	7.043	6.965	-0.078
55	55	7.087	6.980	-0.107
55	56	7.033	6.933	-0.100
55	57	7.011	6.892	-0.119
55	58	7.097	7.002	-0.095
55	59	6.994	6.907	-0.087
100	60	7.061	6.954	-0.107
100	61	7.148	7.048	-0.100
100	62	7.106	7.010	-0.096
100	63	7.029	6.914	-0.115
100	64	7.055	6.964	-0.091
105	65	7.066	6.946	-0.120
105	66	7.060	6.960	-0.100
105	67	7.092	7.007	-0.085
105	68	7.093	6.969	-0.124
105	69	7.116	7.032	-0.084
	Max	7.165	7.064	-0.058
	Average	7.053	6.958	-0.096
	Min	6.973	6.852	-0.160
	Std Dev	0.047	0.050	0.017



	18.15_Res_PU_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.939	6.852	6.899	6.872	6.870	6.902	6.896	6.914	6.892	6.914	6.946
Average	6.962	6.941	6.964	6.929	6.946	6.948	6.965	6.976	6.943	6.978	6.983
Max	7.004	7.008	7.037	7.041	7.009	7.011	7.000	7.064	7.002	7.048	7.032
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

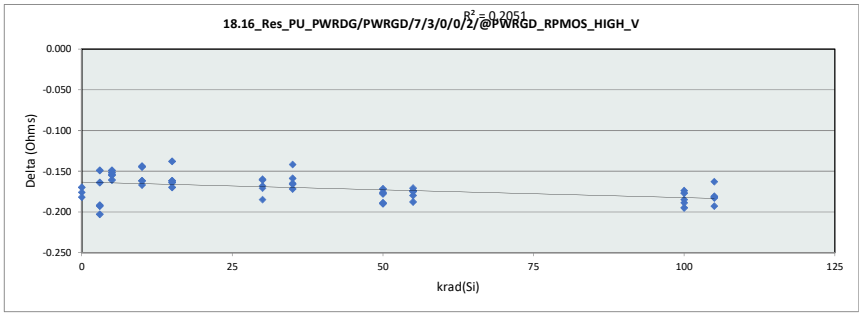


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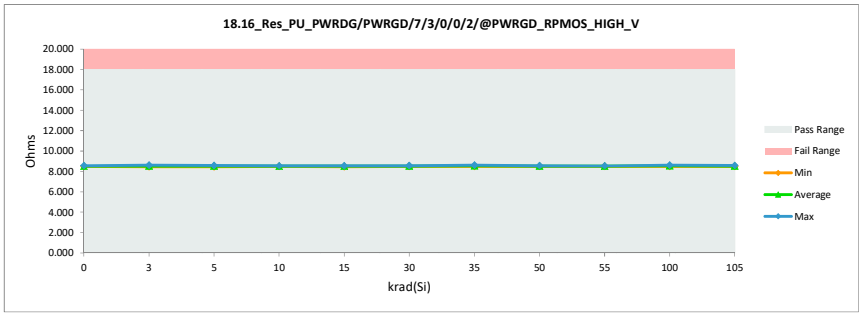
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.16_Res_PU_PWRDG/PW	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	8.665	8.489	-0.176
0	14	8.749	8.567	-0.182
0	15	8.643	8.473	-0.170
3	20	8.820	8.617	-0.203
3	21	8.659	8.466	-0.193
3	22	8.681	8.489	-0.192
3	23	8.715	8.551	-0.164
3	24	8.702	8.553	-0.149
5	25	8.730	8.581	-0.149
5	26	8.733	8.572	-0.161
5	27	8.683	8.531	-0.152
5	28	8.600	8.445	-0.155
5	29	8.686	8.532	-0.154
10	30	8.708	8.546	-0.162
10	31	8.668	8.501	-0.167
10	32	8.683	8.521	-0.162
10	33	8.652	8.507	-0.145
10	34	8.646	8.502	-0.144
15	35	8.700	8.538	-0.162
15	36	8.670	8.500	-0.170
15	37	8.702	8.540	-0.162
15	38	8.602	8.464	-0.138
15	39	8.692	8.528	-0.164
30	40	8.660	8.492	-0.168
30	41	8.725	8.564	-0.161
30	42	8.701	8.530	-0.171
30	43	8.676	8.516	-0.160
30	44	8.690	8.505	-0.185
35	45	8.705	8.540	-0.165
35	46	8.750	8.584	-0.166
35	47	8.646	8.474	-0.172
35	48	8.644	8.485	-0.159
35	49	8.746	8.604	-0.142
50	50	8.738	8.549	-0.189
50	51	8.672	8.496	-0.176
50	52	8.746	8.556	-0.190
50	53	8.698	8.520	-0.178
50	54	8.715	8.543	-0.172
55	55	8.727	8.539	-0.188
55	56	8.693	8.519	-0.174
55	57	8.676	8.496	-0.180
55	58	8.710	8.535	-0.175
55	59	8.674	8.503	-0.171
100	60	8.686	8.497	-0.189
100	61	8.772	8.595	-0.177
100	62	8.810	8.615	-0.195
100	63	8.660	8.475	-0.185
100	64	8.714	8.540	-0.174
105	65	8.675	8.493	-0.182
105	66	8.709	8.526	-0.183
105	67	8.719	8.538	-0.181
105	68	8.718	8.525	-0.193
105	69	8.736	8.573	-0.163
	Max	8.820	8.617	-0.138
	Average	8.698	8.527	-0.171
	Min	8.600	8.445	-0.203
	Std Dev	0.043	0.039	0.015



	18.16_Res_PU_PWRDG/										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.473	8.466	8.445	8.501	8.464	8.492	8.474	8.496	8.496	8.475	8.493
Average	8.510	8.535	8.532	8.515	8.514	8.521	8.537	8.533	8.518	8.544	8.531
Max	8.567	8.617	8.581	8.546	8.540	8.564	8.604	8.556	8.539	8.615	8.573
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

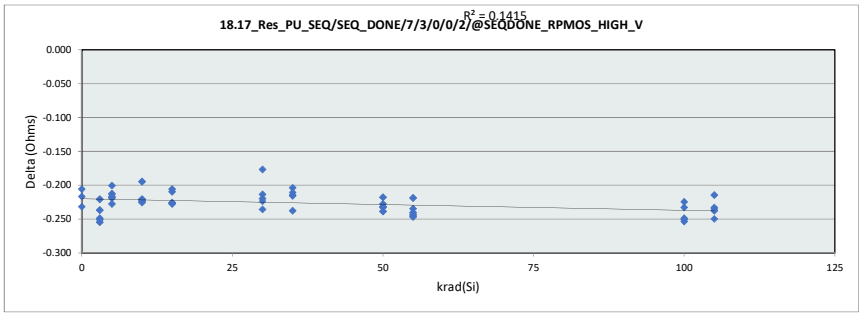


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

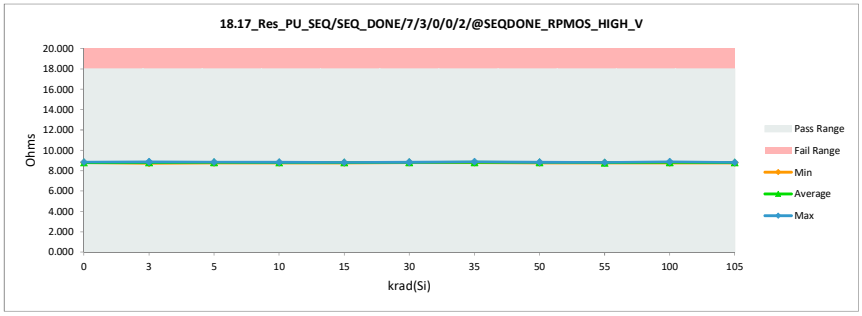
	18.17_Res_PU_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	8.991	8.785	-0.206
0	14	9.072	8.840	-0.232
0	15	8.992	8.775	-0.217
3	20	9.121	8.870	-0.251
3	21	8.988	8.739	-0.249
3	22	8.995	8.740	-0.255
3	23	9.020	8.783	-0.237
3	24	9.068	8.847	-0.221
5	25	9.055	8.827	-0.228
5	26	9.065	8.852	-0.213
5	27	9.011	8.794	-0.217
5	28	8.959	8.758	-0.201
5	29	9.037	8.818	-0.219
10	30	9.056	8.835	-0.221
10	31	8.990	8.764	-0.226
10	32	9.032	8.810	-0.222
10	33	9.003	8.779	-0.224
10	34	8.985	8.790	-0.195
15	35	9.021	8.794	-0.227
15	36	9.017	8.789	-0.228
15	37	9.037	8.811	-0.226
15	38	8.964	8.758	-0.206
15	39	9.031	8.821	-0.210
30	40	8.974	8.797	-0.177
30	41	9.074	8.838	-0.236
30	42	9.034	8.810	-0.224
30	43	9.030	8.816	-0.214
30	44	9.032	8.812	-0.220
35	45	9.013	8.802	-0.211
35	46	9.086	8.848	-0.238
35	47	8.988	8.784	-0.204
35	48	9.009	8.793	-0.216
35	49	9.094	8.879	-0.215
50	50	9.066	8.833	-0.233
50	51	8.999	8.771	-0.228
50	52	9.037	8.805	-0.232
50	53	9.052	8.813	-0.239
50	54	9.034	8.816	-0.218
55	55	9.058	8.817	-0.241
55	56	9.012	8.768	-0.244
55	57	9.022	8.775	-0.247
55	58	9.048	8.813	-0.235
55	59	8.977	8.758	-0.219
100	60	9.007	8.774	-0.233
100	61	9.089	8.838	-0.251
100	62	9.128	8.874	-0.254
100	63	8.985	8.760	-0.225
100	64	9.069	8.820	-0.249
105	65	9.022	8.772	-0.250
105	66	9.023	8.808	-0.215
105	67	9.040	8.807	-0.233
105	68	9.048	8.813	-0.235
105	69	9.034	8.796	-0.238
	Max	9.128	8.879	-0.177
	Average	9.030	8.804	-0.227
	Min	8.959	8.739	-0.255
	Std Dev	0.038	0.033	0.016



	18.17_Res_PU_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Max Limit	18	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.775	8.739	8.758	8.764	8.758	8.797	8.784	8.771	8.758	8.760	8.772
Average	8.800	8.796	8.810	8.796	8.795	8.815	8.821	8.808	8.786	8.813	8.799
Max	8.840	8.870	8.852	8.835	8.821	8.838	8.879	8.833	8.817	8.874	8.813
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

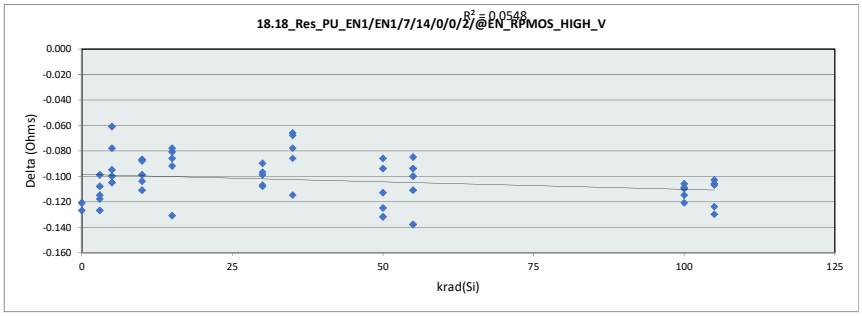


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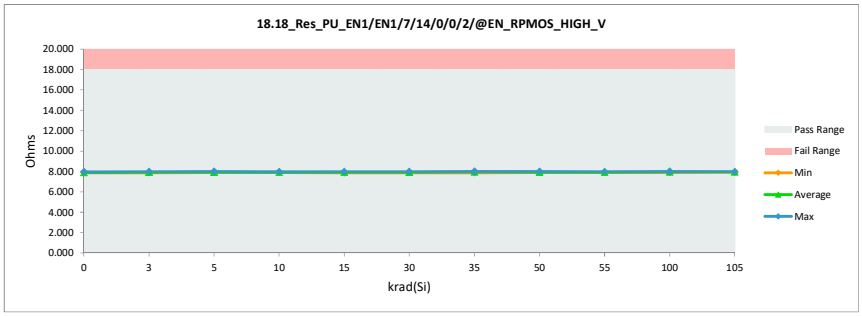
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.18_Res_PU_EN1/EN1/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.992	7.865	-0.127
0	14	8.079	7.958	-0.121
0	15	8.010	7.889	-0.121
3	20	8.072	7.954	-0.118
3	21	7.993	7.866	-0.127
3	22	8.050	7.935	-0.115
3	23	8.074	7.975	-0.099
3	24	8.020	7.912	-0.108
5	25	8.025	7.925	-0.100
5	26	8.049	7.988	-0.061
5	27	8.007	7.902	-0.105
5	28	8.015	7.937	-0.078
5	29	8.017	7.922	-0.095
10	30	8.052	7.953	-0.099
10	31	7.993	7.889	-0.104
10	32	8.040	7.929	-0.111
10	33	8.039	7.951	-0.088
10	34	7.978	7.891	-0.087
15	35	8.062	7.970	-0.092
15	36	7.986	7.855	-0.131
15	37	7.999	7.918	-0.081
15	38	7.939	7.853	-0.086
15	39	8.039	7.961	-0.078
30	40	7.975	7.878	-0.097
30	41	8.070	7.971	-0.099
30	42	8.048	7.940	-0.108
30	43	8.008	7.901	-0.107
30	44	8.058	7.968	-0.090
35	45	8.028	7.960	-0.068
35	46	8.058	7.980	-0.078
35	47	7.985	7.870	-0.115
35	48	8.055	7.989	-0.066
35	49	8.032	7.946	-0.086
50	50	8.090	7.958	-0.132
50	51	8.017	7.892	-0.125
50	52	8.057	7.944	-0.113
50	53	8.070	7.984	-0.086
50	54	7.994	7.900	-0.094
55	55	8.082	7.971	-0.111
55	56	7.984	7.890	-0.094
55	57	8.035	7.897	-0.138
55	58	8.058	7.958	-0.100
55	59	8.002	7.917	-0.085
100	60	8.034	7.919	-0.115
100	61	8.091	7.982	-0.109
100	62	8.085	7.979	-0.106
100	63	8.016	7.906	-0.110
100	64	8.060	7.939	-0.121
105	65	8.032	7.908	-0.124
105	66	8.080	7.973	-0.107
105	67	8.067	7.964	-0.103
105	68	8.089	7.959	-0.130
105	69	8.034	7.928	-0.106
	Max	8.091	7.989	-0.061
	Average	8.034	7.931	-0.103
	Min	7.939	7.853	-0.138
	Std Dev	0.036	0.038	0.018



	18.18_Res_PU_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.865	7.866	7.902	7.889	7.853	7.878	7.870	7.892	7.890	7.906	7.908
Average	7.904	7.928	7.935	7.923	7.911	7.932	7.949	7.936	7.927	7.945	7.946
Max	7.958	7.975	7.988	7.953	7.970	7.971	7.989	7.984	7.971	7.982	7.973
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

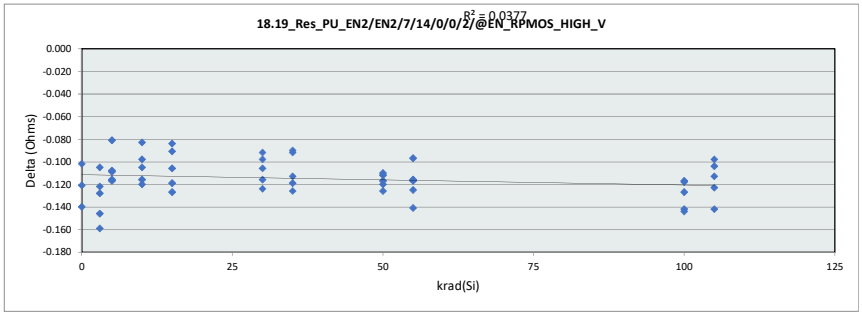


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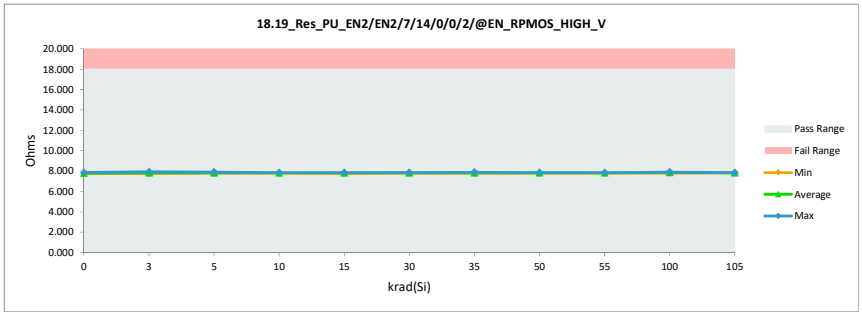
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.19_Res_PU_EN2/EN2/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.901	7.761	-0.140
0	14	7.970	7.868	-0.102
0	15	7.895	7.774	-0.121
3	20	8.044	7.922	-0.122
3	21	7.915	7.756	-0.159
3	22	7.969	7.823	-0.146
3	23	7.975	7.847	-0.128
3	24	7.943	7.838	-0.105
5	25	7.941	7.824	-0.117
5	26	7.984	7.903	-0.081
5	27	7.897	7.781	-0.116
5	28	7.919	7.811	-0.108
5	29	7.969	7.860	-0.109
10	30	7.969	7.853	-0.116
10	31	7.912	7.807	-0.105
10	32	7.949	7.829	-0.120
10	33	7.924	7.826	-0.098
10	34	7.887	7.804	-0.083
15	35	7.967	7.848	-0.119
15	36	7.925	7.798	-0.127
15	37	7.961	7.855	-0.106
15	38	7.851	7.760	-0.091
15	39	7.927	7.843	-0.084
30	40	7.900	7.794	-0.106
30	41	7.960	7.836	-0.124
30	42	7.933	7.835	-0.098
30	43	7.913	7.821	-0.092
30	44	7.974	7.858	-0.116
35	45	7.950	7.831	-0.119
35	46	7.988	7.875	-0.113
35	47	7.905	7.779	-0.126
35	48	7.934	7.842	-0.092
35	49	7.971	7.881	-0.090
50	50	7.985	7.859	-0.126
50	51	7.951	7.839	-0.112
50	52	7.970	7.853	-0.117
50	53	7.939	7.829	-0.110
50	54	7.911	7.791	-0.120
55	55	7.967	7.850	-0.117
55	56	7.918	7.793	-0.125
55	57	7.921	7.780	-0.141
55	58	7.959	7.843	-0.116
55	59	7.898	7.801	-0.097
100	60	7.925	7.807	-0.118
100	61	8.018	7.901	-0.117
100	62	8.024	7.880	-0.144
100	63	7.925	7.798	-0.127
100	64	7.977	7.835	-0.142
105	65	7.932	7.828	-0.104
105	66	7.949	7.826	-0.123
105	67	7.939	7.826	-0.113
105	68	7.964	7.822	-0.142
105	69	7.957	7.859	-0.098
	Max	8.044	7.922	-0.081
	Average	7.944	7.829	-0.115
	Min	7.851	7.756	-0.159
	Std Dev	0.036	0.037	0.017



	18.19_Res_PU_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.761	7.756	7.781	7.804	7.760	7.794	7.779	7.791	7.780	7.798	7.822
Average	7.801	7.837	7.836	7.824	7.821	7.829	7.842	7.834	7.813	7.844	7.832
Max	7.868	7.922	7.903	7.853	7.855	7.858	7.881	7.859	7.850	7.901	7.859
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

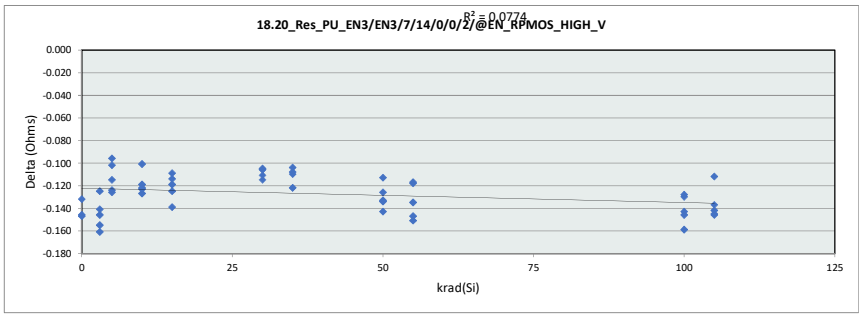


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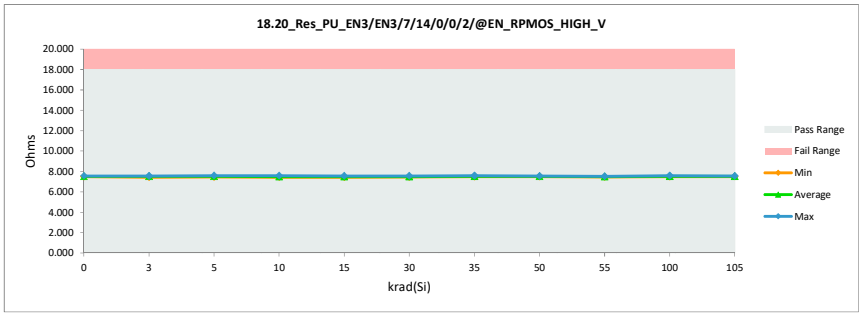
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.20_Res_PU_EN3/EN3/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.614	7.467	-0.147
0	14	7.695	7.549	-0.146
0	15	7.609	7.477	-0.132
3	20	7.694	7.539	-0.155
3	21	7.592	7.431	-0.161
3	22	7.622	7.481	-0.141
3	23	7.671	7.546	-0.125
3	24	7.644	7.498	-0.146
5	25	7.642	7.540	-0.102
5	26	7.677	7.581	-0.096
5	27	7.591	7.467	-0.124
5	28	7.556	7.441	-0.115
5	29	7.629	7.503	-0.126
10	30	7.691	7.572	-0.119
10	31	7.554	7.431	-0.123
10	32	7.609	7.482	-0.127
10	33	7.593	7.471	-0.122
10	34	7.567	7.466	-0.101
15	35	7.664	7.550	-0.114
15	36	7.638	7.499	-0.139
15	37	7.610	7.501	-0.109
15	38	7.547	7.422	-0.125
15	39	7.602	7.483	-0.119
30	40	7.547	7.436	-0.111
30	41	7.616	7.501	-0.115
30	42	7.579	7.474	-0.105
30	43	7.558	7.452	-0.106
30	44	7.659	7.553	-0.106
35	45	7.620	7.498	-0.122
35	46	7.674	7.570	-0.104
35	47	7.578	7.468	-0.110
35	48	7.608	7.500	-0.108
35	49	7.658	7.536	-0.122
50	50	7.683	7.540	-0.143
50	51	7.616	7.490	-0.126
50	52	7.650	7.516	-0.134
50	53	7.606	7.473	-0.133
50	54	7.598	7.485	-0.113
55	55	7.656	7.509	-0.147
55	56	7.605	7.488	-0.117
55	57	7.599	7.448	-0.151
55	58	7.644	7.509	-0.135
55	59	7.602	7.484	-0.118
100	60	7.627	7.497	-0.130
100	61	7.712	7.566	-0.146
100	62	7.701	7.558	-0.143
100	63	7.595	7.467	-0.128
100	64	7.647	7.488	-0.159
105	65	7.637	7.491	-0.146
105	66	7.661	7.516	-0.145
105	67	7.662	7.525	-0.137
105	68	7.676	7.534	-0.142
105	69	7.650	7.538	-0.112
	Max	7.712	7.581	-0.096
	Average	7.627	7.500	-0.127
	Min	7.547	7.422	-0.161
	Std Dev	0.042	0.040	0.016



	18.20_Res_PU_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.467	7.431	7.441	7.431	7.422	7.436	7.468	7.473	7.448	7.467	7.491
Average	7.498	7.499	7.506	7.484	7.491	7.483	7.514	7.501	7.488	7.515	7.521
Max	7.549	7.546	7.581	7.572	7.550	7.553	7.570	7.540	7.509	7.566	7.538
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

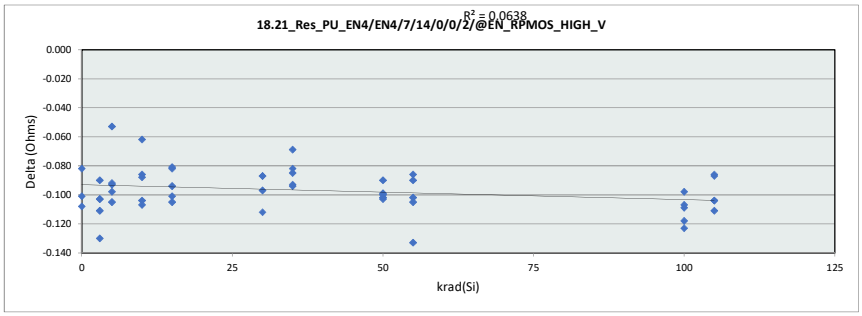


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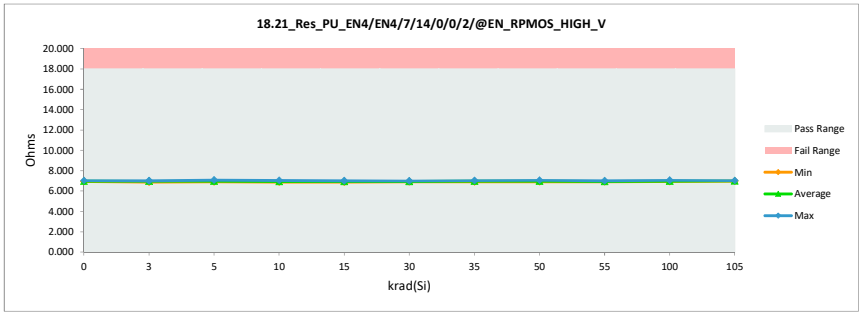
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.21_Res_PU_EN4/EN4/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	7.051	6.943	-0.108
0	14	7.096	7.014	-0.082
0	15	7.049	6.948	-0.101
3	20	7.103	7.000	-0.103
3	21	7.007	6.877	-0.130
3	22	7.041	6.930	-0.111
3	23	7.107	7.004	-0.103
3	24	7.033	6.943	-0.090
5	25	7.091	6.986	-0.105
5	26	7.120	7.067	-0.053
5	27	6.991	6.898	-0.093
5	28	6.992	6.900	-0.092
5	29	7.092	6.994	-0.098
10	30	7.125	7.037	-0.088
10	31	6.979	6.875	-0.104
10	32	7.005	6.898	-0.107
10	33	7.025	6.939	-0.086
10	34	6.964	6.902	-0.062
15	35	7.099	6.998	-0.101
15	36	7.051	6.970	-0.081
15	37	7.059	6.965	-0.094
15	38	6.976	6.871	-0.105
15	39	7.012	6.930	-0.082
30	40	6.994	6.907	-0.087
30	41	7.063	6.976	-0.087
30	42	7.044	6.947	-0.097
30	43	6.999	6.902	-0.097
30	44	7.105	6.993	-0.112
35	45	7.057	6.964	-0.093
35	46	7.102	7.017	-0.085
35	47	6.991	6.897	-0.094
35	48	7.029	6.960	-0.069
35	49	7.079	6.997	-0.082
50	50	7.164	7.062	-0.102
50	51	7.045	6.955	-0.090
50	52	7.092	6.992	-0.100
50	53	7.014	6.911	-0.103
50	54	7.052	6.953	-0.099
55	55	7.083	6.981	-0.102
55	56	7.036	6.931	-0.105
55	57	7.019	6.886	-0.133
55	58	7.086	7.000	-0.086
55	59	6.994	6.904	-0.090
100	60	7.059	6.952	-0.107
100	61	7.172	7.049	-0.123
100	62	7.114	7.016	-0.098
100	63	7.037	6.928	-0.109
100	64	7.066	6.948	-0.118
105	65	7.069	6.965	-0.104
105	66	7.061	6.974	-0.087
105	67	7.107	7.003	-0.104
105	68	7.085	6.974	-0.111
105	69	7.112	7.026	-0.086
	Max	7.172	7.067	-0.053
	Average	7.057	6.960	-0.097
	Min	6.964	6.871	-0.133
	Std Dev	0.048	0.050	0.015



	18.21_Res_PU_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.943	6.877	6.898	6.875	6.871	6.902	6.897	6.911	6.886	6.928	6.965
Average	6.968	6.951	6.969	6.930	6.947	6.945	6.967	6.975	6.940	6.979	6.988
Max	7.014	7.004	7.067	7.037	6.998	6.993	7.017	7.062	7.000	7.049	7.026
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

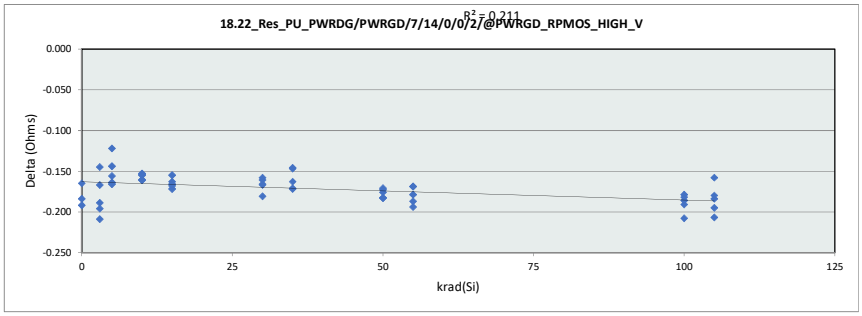


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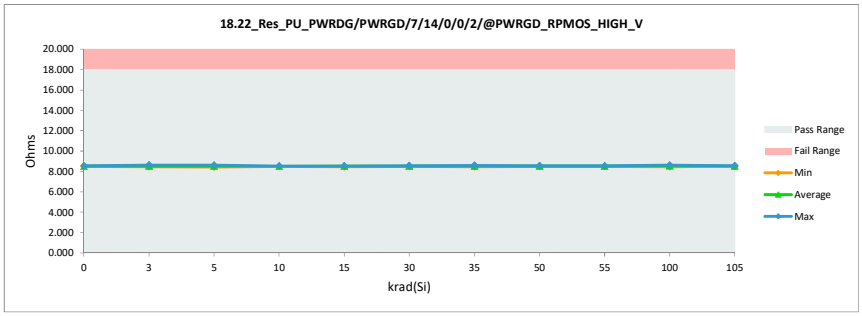
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.22_Res_PU_PWRDG/PW	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	8.675	8.491	-0.184
0	14	8.739	8.547	-0.192
0	15	8.657	8.492	-0.165
3	20	8.815	8.626	-0.189
3	21	8.669	8.460	-0.209
3	22	8.678	8.482	-0.196
3	23	8.712	8.545	-0.167
3	24	8.707	8.562	-0.145
5	25	8.727	8.583	-0.144
5	26	8.727	8.605	-0.122
5	27	8.683	8.519	-0.164
5	28	8.604	8.438	-0.166
5	29	8.677	8.521	-0.156
10	30	8.696	8.541	-0.155
10	31	8.652	8.498	-0.154
10	32	8.673	8.512	-0.161
10	33	8.664	8.503	-0.161
10	34	8.641	8.488	-0.153
15	35	8.701	8.535	-0.166
15	36	8.674	8.506	-0.168
15	37	8.696	8.541	-0.155
15	38	8.614	8.451	-0.163
15	39	8.695	8.523	-0.172
30	40	8.650	8.484	-0.166
30	41	8.735	8.554	-0.181
30	42	8.695	8.534	-0.161
30	43	8.670	8.512	-0.158
30	44	8.670	8.503	-0.167
35	45	8.702	8.539	-0.163
35	46	8.736	8.590	-0.146
35	47	8.643	8.471	-0.172
35	48	8.638	8.491	-0.147
35	49	8.760	8.589	-0.171
50	50	8.736	8.560	-0.176
50	51	8.659	8.486	-0.173
50	52	8.738	8.555	-0.183
50	53	8.693	8.510	-0.183
50	54	8.711	8.540	-0.171
55	55	8.720	8.541	-0.179
55	56	8.703	8.509	-0.194
55	57	8.687	8.500	-0.187
55	58	8.713	8.544	-0.169
55	59	8.675	8.506	-0.169
100	60	8.686	8.500	-0.186
100	61	8.778	8.596	-0.182
100	62	8.794	8.615	-0.179
100	63	8.660	8.469	-0.191
100	64	8.751	8.543	-0.208
105	65	8.682	8.502	-0.180
105	66	8.718	8.534	-0.184
105	67	8.732	8.537	-0.195
105	68	8.724	8.517	-0.207
105	69	8.728	8.570	-0.158
	Max	8.815	8.626	-0.122
	Average	8.697	8.526	-0.172
	Min	8.604	8.438	-0.209
	Std Dev	0.042	0.041	0.017



	18.22_Res_PU_PWRDG/										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.491	8.460	8.438	8.488	8.451	8.484	8.471	8.486	8.500	8.469	8.502
Average	8.510	8.535	8.533	8.508	8.511	8.517	8.536	8.530	8.520	8.545	8.532
Max	8.547	8.626	8.605	8.541	8.541	8.554	8.590	8.560	8.544	8.615	8.570
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

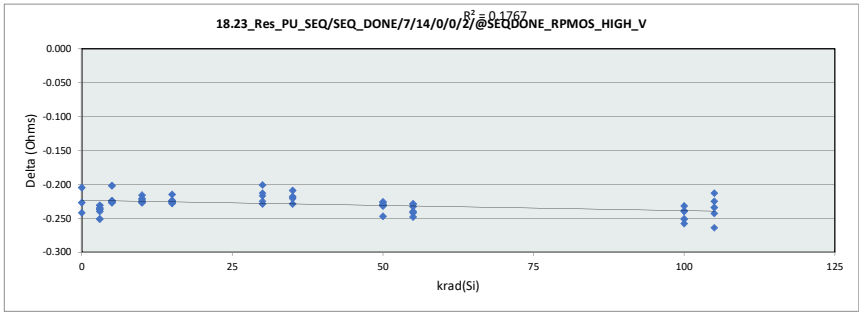


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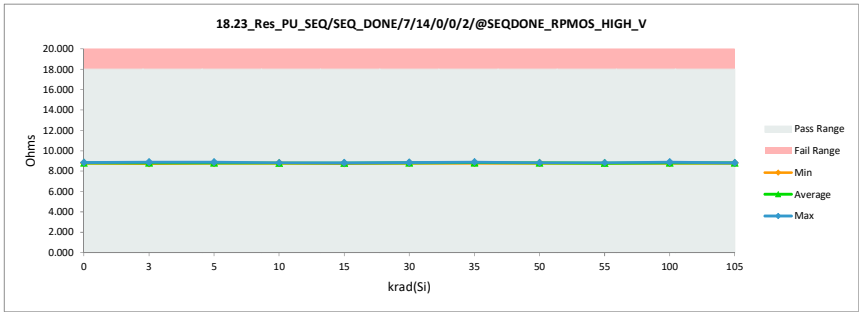
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.23_Res_PU_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	20	18
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	8.985	8.780	-0.205
0	14	9.080	8.838	-0.242
0	15	9.002	8.775	-0.227
3	20	9.113	8.873	-0.240
3	21	8.983	8.746	-0.237
3	22	8.995	8.744	-0.251
3	23	9.017	8.786	-0.231
3	24	9.067	8.832	-0.235
5	25	9.049	8.824	-0.225
5	26	9.071	8.869	-0.202
5	27	9.011	8.787	-0.224
5	28	8.980	8.753	-0.227
5	29	9.037	8.811	-0.226
10	30	9.045	8.822	-0.223
10	31	8.988	8.767	-0.221
10	32	9.038	8.811	-0.227
10	33	9.004	8.778	-0.226
10	34	8.992	8.776	-0.216
15	35	9.029	8.803	-0.226
15	36	9.011	8.787	-0.224
15	37	9.026	8.811	-0.215
15	38	8.970	8.746	-0.224
15	39	9.033	8.805	-0.228
30	40	8.984	8.783	-0.201
30	41	9.070	8.841	-0.229
30	42	9.023	8.810	-0.213
30	43	9.035	8.810	-0.225
30	44	9.026	8.809	-0.217
35	45	9.015	8.796	-0.219
35	46	9.075	8.854	-0.221
35	47	8.996	8.767	-0.229
35	48	9.020	8.802	-0.218
35	49	9.087	8.878	-0.209
50	50	9.067	8.820	-0.247
50	51	8.997	8.765	-0.232
50	52	9.053	8.823	-0.230
50	53	9.045	8.815	-0.230
50	54	9.044	8.818	-0.226
55	55	9.048	8.815	-0.233
55	56	9.007	8.765	-0.242
55	57	9.023	8.775	-0.248
55	58	9.055	8.815	-0.240
55	59	8.985	8.756	-0.229
100	60	9.016	8.776	-0.240
100	61	9.077	8.838	-0.239
100	62	9.127	8.869	-0.258
100	63	8.982	8.750	-0.232
100	64	9.064	8.813	-0.251
105	65	9.022	8.779	-0.243
105	66	9.018	8.805	-0.213
105	67	9.034	8.809	-0.225
105	68	9.069	8.805	-0.264
105	69	9.027	8.793	-0.234
	Max	9.127	8.878	-0.201
	Average	9.031	8.801	-0.229
	Min	8.970	8.744	-0.264
	Std Dev	0.035	0.033	0.013



	18.23_Res_PU_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	18	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.775	8.744	8.753	8.767	8.746	8.783	8.767	8.765	8.756	8.750	8.779
Average	8.798	8.796	8.809	8.791	8.790	8.811	8.819	8.808	8.785	8.809	8.798
Max	8.838	8.873	8.869	8.822	8.811	8.841	8.878	8.823	8.815	8.869	8.809
UL	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000

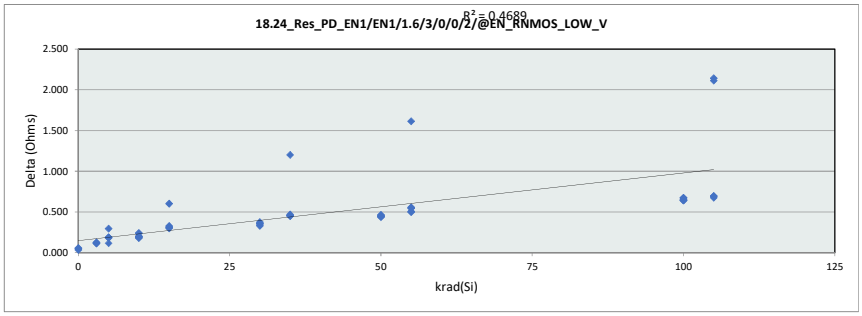


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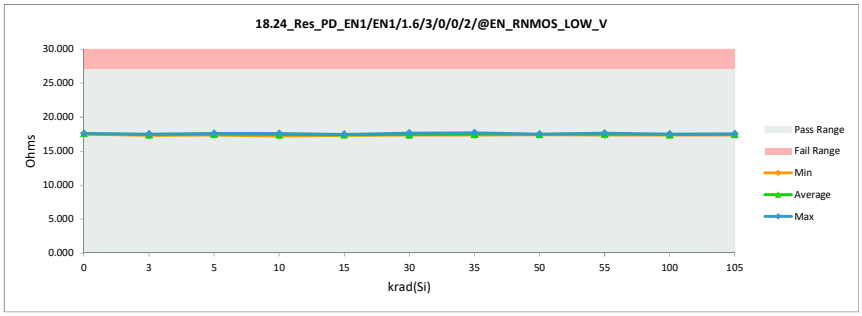
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.24_Res_PD_EN1/EN1/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	17.580	17.611	0.031
0	14	17.459	17.507	0.048
0	15	17.496	17.551	0.055
3	20	17.180	17.292	0.112
3	21	17.347	17.457	0.110
3	22	17.366	17.488	0.122
3	23	17.402	17.520	0.118
3	24	17.254	17.379	0.125
5	25	17.377	17.491	0.114
5	26	17.399	17.578	0.179
5	27	17.078	17.371	0.293
5	28	17.301	17.488	0.187
5	29	17.333	17.518	0.185
10	30	17.404	17.595	0.191
10	31	17.153	17.352	0.199
10	32	17.031	17.220	0.189
10	33	17.417	17.594	0.177
10	34	17.126	17.365	0.239
15	35	17.173	17.469	0.296
15	36	16.822	17.421	0.599
15	37	17.026	17.349	0.323
15	38	17.018	17.326	0.308
15	39	17.117	17.426	0.309
30	40	16.995	17.355	0.360
30	41	17.026	17.399	0.373
30	42	17.025	17.375	0.350
30	43	16.985	17.338	0.353
30	44	17.297	17.625	0.328
35	45	17.101	17.569	0.468
35	46	16.251	17.450	1.199
35	47	16.897	17.348	0.451
35	48	17.220	17.674	0.454
35	49	16.883	17.333	0.450
50	50	16.988	17.430	0.442
50	51	17.048	17.493	0.445
50	52	17.036	17.469	0.433
50	53	17.068	17.522	0.454
50	54	16.933	17.396	0.463
55	55	16.958	17.454	0.496
55	56	15.963	17.574	1.611
55	57	16.833	17.336	0.503
55	58	17.076	17.630	0.554
55	59	16.895	17.440	0.545
100	60	16.842	17.511	0.669
100	61	16.730	17.402	0.672
100	62	16.693	17.332	0.639
100	63	16.685	17.332	0.647
100	64	16.837	17.479	0.642
105	65	16.695	17.367	0.672
105	66	16.742	17.434	0.692
105	67	15.332	17.473	2.141
105	68	15.416	17.526	2.110
105	69	16.843	17.537	0.694
	Max	17.580	17.674	2.141
	Average	16.984	17.452	0.468
	Min	15.332	17.220	0.031
	Std Dev	0.437	0.100	0.434



	18.24_Res_PD_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	17.507	17.292	17.371	17.220	17.326	17.338	17.333	17.396	17.336	17.332	17.367
Average	17.556	17.427	17.489	17.425	17.398	17.418	17.475	17.462	17.487	17.411	17.467
Max	17.611	17.520	17.578	17.595	17.469	17.625	17.674	17.522	17.630	17.511	17.537
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

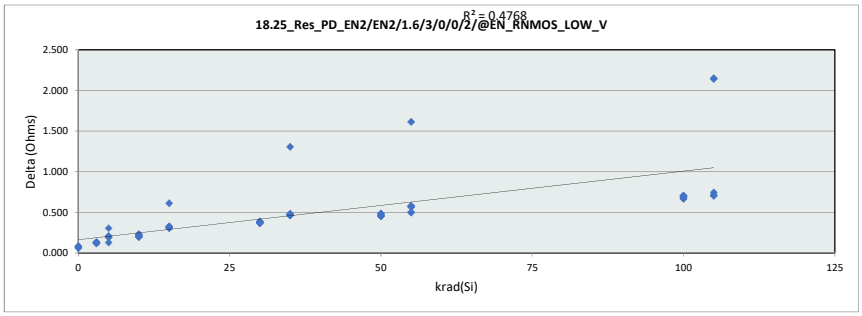


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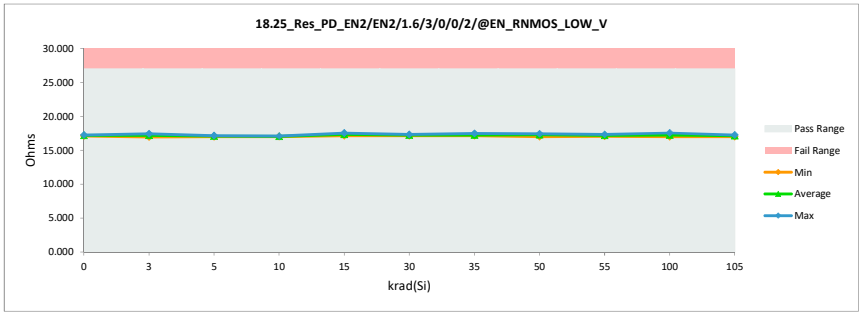
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.25_Res_PD_EN2/EN2/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	17.145	17.206	0.061
0	14	17.178	17.250	0.072
0	15	17.043	17.125	0.082
3	20	17.312	17.427	0.115
3	21	17.034	17.159	0.125
3	22	16.859	16.978	0.119
3	23	16.983	17.118	0.135
3	24	17.285	17.408	0.123
5	25	16.941	17.069	0.128
5	26	16.915	17.109	0.194
5	27	16.815	17.118	0.303
5	28	16.788	16.995	0.207
5	29	16.963	17.154	0.191
10	30	16.869	17.099	0.230
10	31	16.886	17.084	0.198
10	32	16.831	17.028	0.197
10	33	16.860	17.064	0.204
10	34	16.796	17.020	0.224
15	35	17.125	17.429	0.304
15	36	16.760	17.371	0.611
15	37	17.220	17.537	0.317
15	38	16.944	17.271	0.327
15	39	16.816	17.135	0.319
30	40	16.757	17.136	0.379
30	41	16.952	17.338	0.386
30	42	16.748	17.134	0.386
30	43	16.880	17.252	0.372
30	44	16.916	17.280	0.364
35	45	16.727	17.198	0.471
35	46	15.962	17.267	1.305
35	47	16.722	17.185	0.463
35	48	16.693	17.154	0.461
35	49	17.014	17.493	0.479
50	50	16.895	17.349	0.454
50	51	16.533	16.982	0.449
50	52	16.968	17.427	0.459
50	53	16.853	17.333	0.480
50	54	16.937	17.422	0.485
55	55	16.826	17.326	0.500
55	56	15.558	17.169	1.611
55	57	16.571	17.067	0.496
55	58	16.650	17.215	0.565
55	59	16.574	17.151	0.577
100	60	16.356	17.059	0.703
100	61	16.548	17.248	0.700
100	62	16.787	17.452	0.665
100	63	16.286	16.983	0.697
100	64	16.877	17.553	0.676
105	65	16.257	17.000	0.743
105	66	16.548	17.258	0.710
105	67	14.946	17.086	2.140
105	68	15.104	17.252	2.148
105	69	16.461	17.161	0.700
	Max	17.312	17.553	2.148
	Average	16.722	17.209	0.487
	Min	14.946	16.978	0.061
	Std Dev	0.458	0.153	0.438



	18.25_Res_PD_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	17.125	16.978	16.995	17.020	17.135	17.134	17.154	16.982	17.067	16.983	17.000
Average	17.194	17.218	17.089	17.059	17.349	17.228	17.259	17.303	17.186	17.259	17.151
Max	17.250	17.427	17.154	17.099	17.537	17.338	17.493	17.427	17.326	17.553	17.258
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

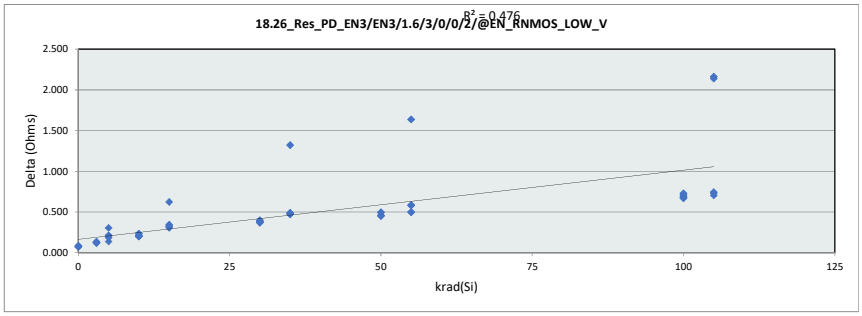


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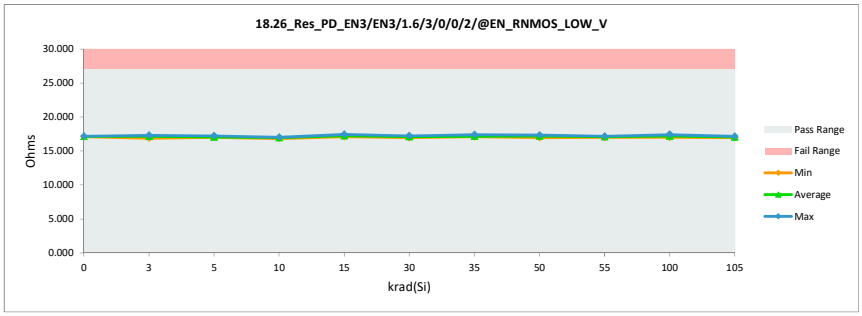
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.26_Res_PD_EN3/EN3/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	17.024	17.091	0.067
0	14	17.088	17.169	0.081
0	15	17.108	17.186	0.078
3	20	17.166	17.278	0.112
3	21	16.951	17.073	0.122
3	22	16.777	16.902	0.125
3	23	17.009	17.143	0.134
3	24	17.196	17.320	0.124
5	25	16.925	17.058	0.133
5	26	16.812	16.994	0.182
5	27	16.680	16.981	0.301
5	28	16.779	16.988	0.209
5	29	17.027	17.234	0.207
10	30	16.803	17.007	0.204
10	31	16.837	17.034	0.197
10	32	16.652	16.848	0.196
10	33	16.822	17.026	0.204
10	34	16.625	16.855	0.230
15	35	16.999	17.301	0.302
15	36	16.620	17.239	0.619
15	37	17.111	17.451	0.340
15	38	16.764	17.085	0.321
15	39	16.764	17.081	0.317
30	40	16.704	17.083	0.379
30	41	16.848	17.243	0.395
30	42	16.595	16.960	0.365
30	43	16.706	17.078	0.372
30	44	16.864	17.234	0.370
35	45	16.634	17.115	0.481
35	46	15.840	17.158	1.318
35	47	16.612	17.079	0.467
35	48	16.626	17.100	0.474
35	49	16.918	17.404	0.486
50	50	16.757	17.214	0.457
50	51	16.510	16.961	0.451
50	52	16.859	17.309	0.450
50	53	16.760	17.252	0.492
50	54	16.876	17.366	0.490
55	55	16.701	17.197	0.496
55	56	15.485	17.118	1.633
55	57	16.515	17.009	0.494
55	58	16.547	17.126	0.579
55	59	16.474	17.054	0.580
100	60	16.275	17.001	0.726
100	61	16.445	17.154	0.709
100	62	16.622	17.289	0.667
100	63	16.372	17.058	0.686
100	64	16.752	17.421	0.669
105	65	16.245	16.974	0.729
105	66	16.464	17.163	0.699
105	67	14.925	17.084	2.159
105	68	14.892	17.029	2.137
105	69	16.308	17.051	0.743
	Max	17.196	17.451	2.159
	Average	16.635	17.125	0.490
	Min	14.892	16.848	0.067
	Std Dev	0.462	0.139	0.440



	18.26_Res_PD_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	17.091	16.902	16.981	16.848	17.081	16.960	17.079	16.961	17.009	17.001	16.974
Average	17.149	17.143	17.051	16.954	17.231	17.120	17.171	17.220	17.101	17.185	17.060
Max	17.186	17.320	17.234	17.034	17.451	17.243	17.404	17.366	17.197	17.421	17.163
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

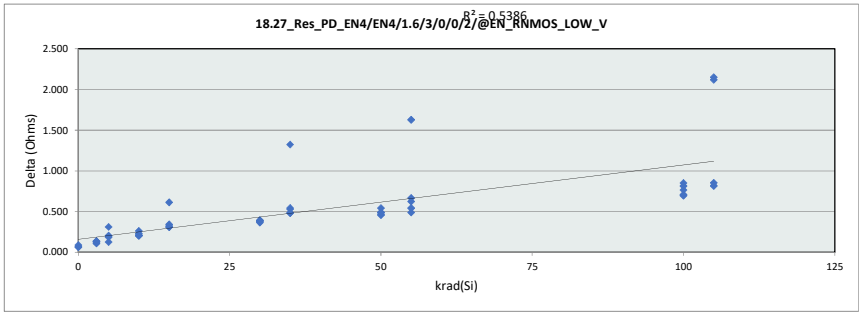


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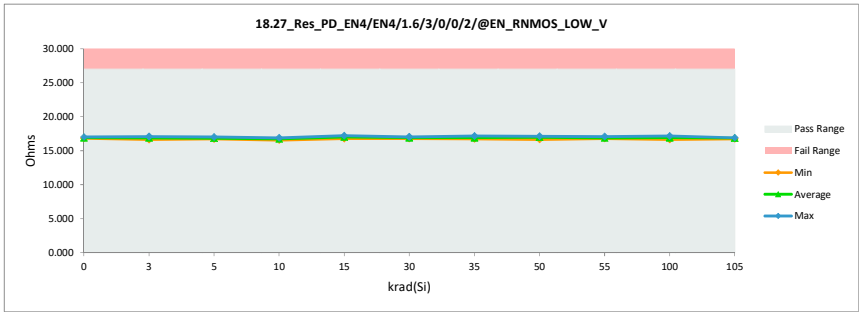
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.27_Res_PD_EN4/EN4/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.754	16.843	0.089
0	14	16.942	17.004	0.062
0	15	16.862	16.930	0.068
3	20	16.970	17.085	0.115
3	21	16.696	16.802	0.106
3	22	16.476	16.611	0.135
3	23	16.771	16.900	0.129
3	24	16.941	17.079	0.138
5	25	16.775	16.899	0.124
5	26	16.675	16.859	0.184
5	27	16.400	16.711	0.311
5	28	16.544	16.743	0.199
5	29	16.814	17.019	0.205
10	30	16.590	16.798	0.208
10	31	16.689	16.893	0.204
10	32	16.328	16.558	0.230
10	33	16.591	16.796	0.205
10	34	16.361	16.623	0.262
15	35	16.710	17.030	0.320
15	36	16.592	17.205	0.613
15	37	16.873	17.215	0.342
15	38	16.551	16.860	0.309
15	39	16.461	16.770	0.309
30	40	16.408	16.801	0.393
30	41	16.593	16.981	0.388
30	42	16.484	16.866	0.382
30	43	16.504	16.876	0.372
30	44	16.670	17.034	0.364
35	45	16.203	16.747	0.544
35	46	15.685	17.007	1.322
35	47	16.263	16.792	0.529
35	48	16.388	16.871	0.483
35	49	16.691	17.171	0.480
50	50	16.555	17.011	0.456
50	51	16.115	16.656	0.541
50	52	16.667	17.135	0.468
50	53	16.494	16.981	0.487
50	54	16.613	17.103	0.490
55	55	16.586	17.075	0.489
55	56	15.227	16.854	1.627
55	57	16.262	16.804	0.542
55	58	16.327	16.950	0.623
55	59	16.116	16.783	0.667
100	60	15.906	16.757	0.851
100	61	16.227	16.992	0.765
100	62	16.347	17.055	0.708
100	63	15.834	16.647	0.813
100	64	16.468	17.164	0.696
105	65	15.885	16.737	0.852
105	66	16.106	16.925	0.819
105	67	14.733	16.884	2.151
105	68	14.709	16.827	2.118
105	69	16.116	16.927	0.811
	Max	16.970	17.215	2.151
	Average	16.388	16.899	0.511
	Min	14.709	16.558	0.062
	Std Dev	0.473	0.158	0.446



	18.27_Res_PD_EN4/EN4										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.843	16.611	16.711	16.558	16.770	16.801	16.747	16.656	16.783	16.647	16.737
Average	16.926	16.895	16.846	16.734	17.016	16.912	16.918	16.977	16.893	16.923	16.860
Max	17.004	17.085	17.019	16.893	17.215	17.034	17.171	17.135	17.075	17.164	16.927
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

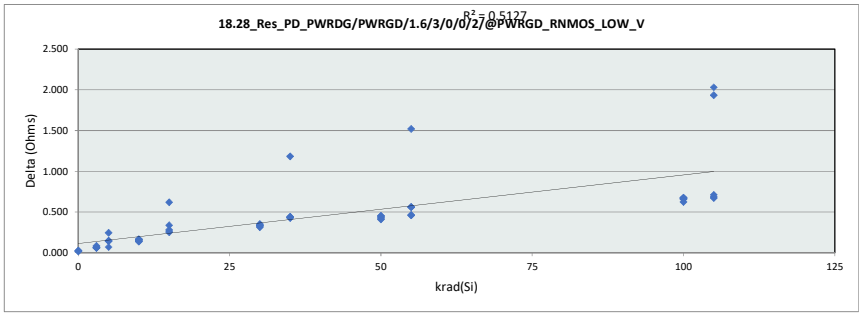


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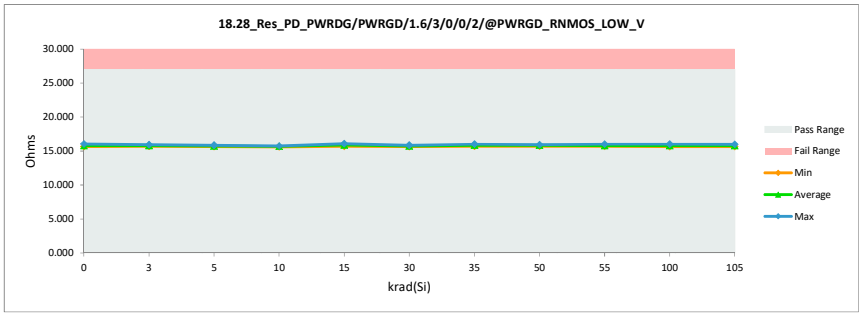
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.28_Res_PD_PWRDG/PW	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.753	15.771	0.018
0	14	16.012	16.028	0.016
0	15	15.632	15.655	0.023
3	20	15.835	15.893	0.058
3	21	15.722	15.778	0.056
3	22	15.640	15.706	0.066
3	23	15.721	15.781	0.060
3	24	15.853	15.935	0.082
5	25	15.604	15.672	0.068
5	26	15.557	15.697	0.140
5	27	15.610	15.853	0.243
5	28	15.554	15.696	0.142
5	29	15.607	15.752	0.145
10	30	15.474	15.638	0.164
10	31	15.584	15.723	0.139
10	32	15.475	15.621	0.146
10	33	15.604	15.739	0.135
10	34	15.502	15.661	0.159
15	35	15.584	15.833	0.249
15	36	15.449	16.066	0.617
15	37	15.749	16.083	0.334
15	38	15.420	15.683	0.263
15	39	15.429	15.709	0.280
30	40	15.416	15.765	0.349
30	41	15.533	15.868	0.335
30	42	15.316	15.626	0.310
30	43	15.310	15.642	0.332
30	44	15.449	15.771	0.322
35	45	15.438	15.877	0.439
35	46	14.834	16.015	1.181
35	47	15.271	15.704	0.433
35	48	15.343	15.768	0.425
35	49	15.432	15.864	0.432
50	50	15.418	15.825	0.407
50	51	15.292	15.705	0.413
50	52	15.498	15.925	0.427
50	53	15.477	15.924	0.447
50	54	15.375	15.827	0.452
55	55	15.345	15.807	0.462
55	56	14.490	16.008	1.518
55	57	15.235	15.692	0.457
55	58	15.274	15.833	0.559
55	59	15.203	15.761	0.558
100	60	14.996	15.656	0.660
100	61	15.094	15.769	0.675
100	62	15.248	15.907	0.659
100	63	15.027	15.648	0.621
100	64	15.326	15.997	0.671
105	65	15.009	15.677	0.668
105	66	14.991	15.673	0.682
105	67	13.881	15.911	2.030
105	68	13.698	15.632	1.934
105	69	15.279	15.988	0.709
	Max	16.012	16.083	2.030
	Average	15.356	15.793	0.437
	Min	13.698	15.621	0.016
	Std Dev	0.412	0.127	0.421



	18.28_Res_PD_PWRDG/										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.655	15.706	15.672	15.621	15.683	15.626	15.704	15.705	15.692	15.648	15.632
Average	15.818	15.819	15.734	15.676	15.875	15.734	15.846	15.841	15.820	15.795	15.776
Max	16.028	15.935	15.853	15.739	16.083	15.868	16.015	15.925	16.008	15.997	15.988
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

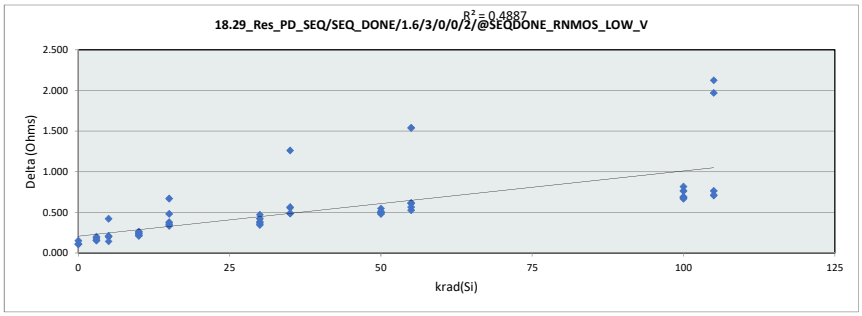


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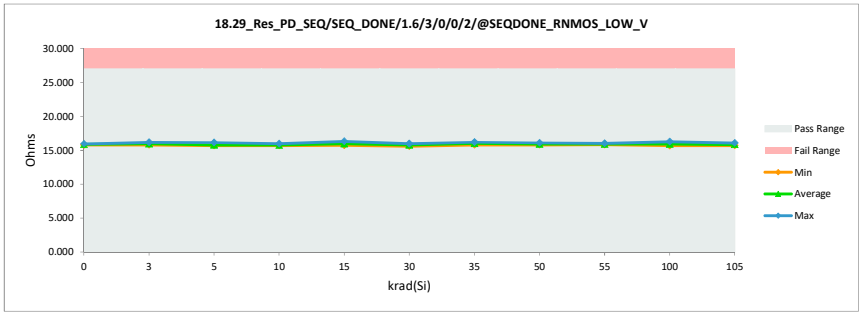
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.29_Res_PD_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.787	15.935	0.148
0	14	15.793	15.900	0.107
0	15	15.674	15.779	0.105
3	20	15.958	16.159	0.201
3	21	15.707	15.857	0.150
3	22	15.652	15.805	0.153
3	23	15.732	15.901	0.169
3	24	15.810	15.996	0.186
5	25	15.559	15.700	0.141
5	26	15.505	15.701	0.196
5	27	15.735	16.153	0.418
5	28	15.516	15.717	0.201
5	29	15.556	15.765	0.209
10	30	15.458	15.691	0.233
10	31	15.498	15.707	0.209
10	32	15.544	15.761	0.217
10	33	15.715	15.974	0.259
10	34	15.502	15.758	0.256
15	35	15.622	15.998	0.376
15	36	15.311	15.978	0.667
15	37	15.842	16.320	0.478
15	38	15.519	15.870	0.351
15	39	15.389	15.719	0.330
30	40	15.512	15.981	0.469
30	41	15.489	15.907	0.418
30	42	15.268	15.611	0.343
30	43	15.339	15.704	0.365
30	44	15.443	15.823	0.380
35	45	15.502	16.065	0.563
35	46	14.922	16.181	1.259
35	47	15.389	15.872	0.483
35	48	15.318	15.805	0.487
35	49	15.493	16.048	0.555
50	50	15.417	15.905	0.488
50	51	15.398	15.874	0.476
50	52	15.553	16.098	0.545
50	53	15.420	15.931	0.511
50	54	15.294	15.791	0.497
55	55	15.379	15.942	0.563
55	56	14.490	16.026	1.536
55	57	15.294	15.817	0.523
55	58	15.309	15.918	0.609
55	59	15.303	15.915	0.612
100	60	15.001	15.685	0.684
100	61	15.073	15.762	0.689
100	62	15.358	16.119	0.761
100	63	15.127	15.793	0.666
100	64	15.441	16.255	0.814
105	65	15.075	15.778	0.703
105	66	15.038	15.749	0.711
105	67	13.948	16.070	2.122
105	68	13.741	15.707	1.966
105	69	15.229	15.990	0.761
	Max	15.958	16.320	2.122
	Average	15.376	15.892	0.515
	Min	13.741	15.611	0.105
	Std Dev	0.401	0.162	0.411



	18.29_Res_PD_SEQ/SEQ										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.779	15.805	15.700	15.691	15.719	15.611	15.805	15.791	15.817	15.685	15.707
Average	15.871	15.944	15.807	15.778	15.977	15.805	15.994	15.920	15.924	15.923	15.859
Max	15.935	16.159	16.153	15.974	16.320	15.981	16.181	16.098	16.026	16.255	16.070
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

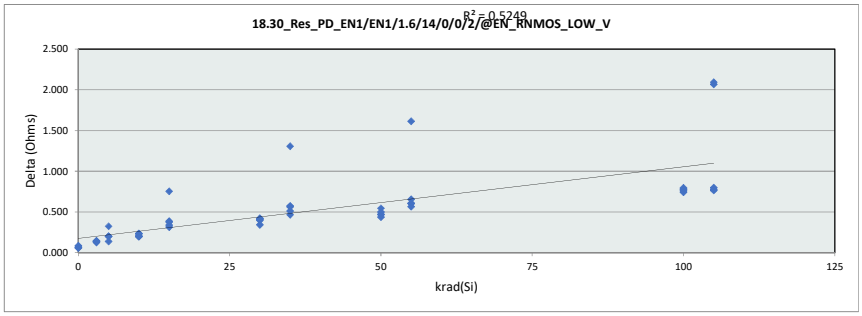


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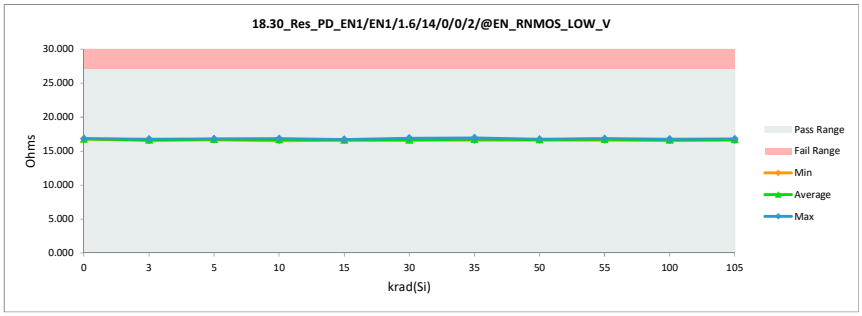
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.30_Res_PD_EN1/EN1/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.795	16.850	0.055
0	14	16.701	16.761	0.060
0	15	16.707	16.788	0.081
3	20	16.420	16.556	0.136
3	21	16.589	16.710	0.121
3	22	16.570	16.699	0.129
3	23	16.618	16.756	0.138
3	24	16.468	16.613	0.145
5	25	16.606	16.742	0.136
5	26	16.611	16.809	0.198
5	27	16.345	16.667	0.322
5	28	16.548	16.745	0.197
5	29	16.543	16.743	0.200
10	30	16.631	16.826	0.195
10	31	16.432	16.631	0.199
10	32	16.275	16.508	0.233
10	33	16.621	16.822	0.201
10	34	16.387	16.617	0.230
15	35	16.400	16.712	0.312
15	36	15.905	16.656	0.751
15	37	16.238	16.611	0.373
15	38	16.209	16.593	0.384
15	39	16.362	16.698	0.336
30	40	16.195	16.602	0.407
30	41	16.181	16.601	0.420
30	42	16.220	16.616	0.396
30	43	16.188	16.602	0.414
30	44	16.539	16.880	0.341
35	45	16.302	16.812	0.510
35	46	15.421	16.727	1.306
35	47	16.072	16.634	0.562
35	48	16.476	16.939	0.463
35	49	16.025	16.597	0.572
50	50	16.175	16.673	0.498
50	51	16.244	16.714	0.470
50	52	16.275	16.710	0.435
50	53	16.293	16.757	0.464
50	54	16.078	16.621	0.543
55	55	16.120	16.683	0.563
55	56	15.186	16.797	1.611
55	57	15.987	16.591	0.604
55	58	16.256	16.859	0.603
55	59	16.034	16.688	0.654
100	60	15.969	16.728	0.759
100	61	15.857	16.651	0.794
100	62	15.845	16.614	0.769
100	63	15.793	16.573	0.780
100	64	15.986	16.727	0.741
105	65	15.817	16.592	0.775
105	66	15.939	16.735	0.796
105	67	14.632	16.725	2.093
105	68	14.742	16.808	2.066
105	69	15.973	16.734	0.761
	Max	16.795	16.939	2.093
	Average	16.185	16.700	0.515
	Min	14.632	16.508	0.055
	Std Dev	0.438	0.093	0.435



	18.30_Res_PD_EN1/EN1										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.761	16.556	16.667	16.508	16.593	16.601	16.597	16.621	16.591	16.573	16.592
Average	16.800	16.667	16.741	16.681	16.654	16.660	16.742	16.695	16.724	16.659	16.719
Max	16.850	16.756	16.809	16.826	16.712	16.880	16.939	16.757	16.859	16.728	16.808
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

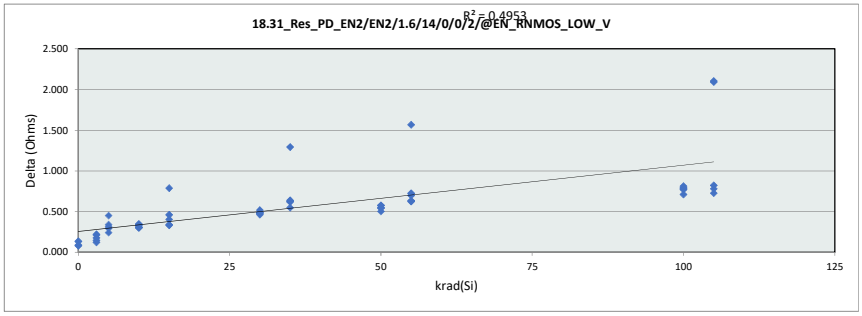


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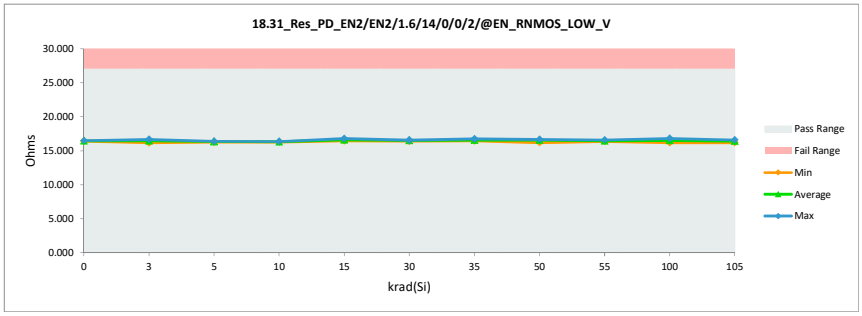
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.31_Res_PD_EN2/EN2/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.365	16.451	0.086
0	14	16.412	16.490	0.078
0	15	16.267	16.399	0.132
3	20	16.548	16.667	0.119
3	21	16.248	16.422	0.174
3	22	15.955	16.175	0.220
3	23	16.153	16.365	0.212
3	24	16.482	16.626	0.144
5	25	16.085	16.325	0.240
5	26	16.028	16.343	0.315
5	27	15.939	16.388	0.449
5	28	15.931	16.269	0.338
5	29	16.094	16.388	0.294
10	30	16.020	16.350	0.330
10	31	16.040	16.341	0.301
10	32	15.986	16.287	0.301
10	33	15.984	16.291	0.307
10	34	15.926	16.270	0.344
15	35	16.334	16.664	0.330
15	36	15.828	16.613	0.785
15	37	16.442	16.779	0.337
15	38	16.129	16.531	0.402
15	39	15.990	16.449	0.459
30	40	15.901	16.416	0.515
30	41	16.061	16.549	0.488
30	42	15.891	16.376	0.485
30	43	16.061	16.521	0.460
30	44	16.095	16.568	0.473
35	45	15.811	16.445	0.634
35	46	15.253	16.544	1.291
35	47	15.844	16.464	0.620
35	48	15.852	16.470	0.618
35	49	16.179	16.725	0.546
50	50	16.045	16.590	0.545
50	51	15.651	16.192	0.541
50	52	16.152	16.652	0.500
50	53	16.022	16.597	0.575
50	54	16.092	16.663	0.571
55	55	15.951	16.573	0.622
55	56	14.803	16.368	1.565
55	57	15.719	16.349	0.630
55	58	15.746	16.468	0.722
55	59	15.705	16.401	0.696
100	60	15.534	16.317	0.783
100	61	15.659	16.470	0.811
100	62	15.932	16.721	0.789
100	63	15.482	16.191	0.709
100	64	16.027	16.797	0.770
105	65	15.476	16.200	0.724
105	66	15.749	16.570	0.821
105	67	14.247	16.335	2.088
105	68	14.442	16.543	2.101
105	69	15.582	16.359	0.777
	Max	16.548	16.797	2.101
	Average	15.890	16.459	0.569
	Min	14.247	16.175	0.078
	Std Dev	0.436	0.156	0.414



	18.31_Res_PD_EN2/EN2										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.399	16.175	16.269	16.270	16.449	16.376	16.445	16.192	16.349	16.191	16.200
Average	16.447	16.451	16.343	16.308	16.607	16.486	16.530	16.539	16.432	16.499	16.401
Max	16.490	16.667	16.388	16.350	16.779	16.568	16.725	16.663	16.573	16.797	16.570
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

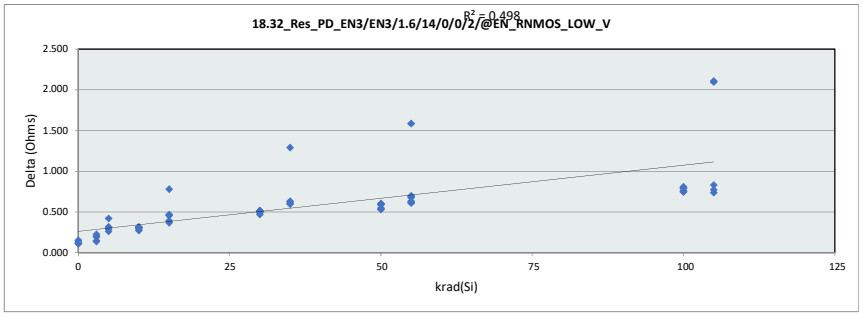


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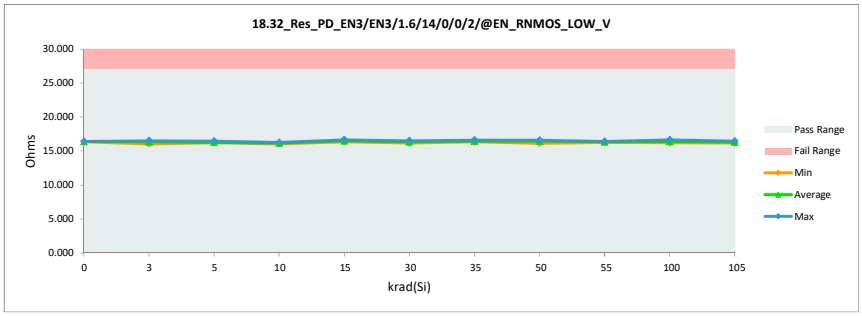
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.32_Res_PD_EN3/EN3/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.181	16.329	0.148
0	14	16.284	16.405	0.121
0	15	16.332	16.438	0.106
3	20	16.374	16.510	0.136
3	21	16.115	16.313	0.198
3	22	15.856	16.044	0.188
3	23	16.164	16.385	0.221
3	24	16.387	16.533	0.146
5	25	16.052	16.311	0.259
5	26	15.893	16.203	0.310
5	27	15.797	16.214	0.417
5	28	15.921	16.235	0.314
5	29	16.155	16.444	0.289
10	30	15.925	16.228	0.303
10	31	15.960	16.274	0.314
10	32	15.786	16.056	0.270
10	33	15.918	16.226	0.308
10	34	15.750	16.047	0.297
15	35	16.150	16.539	0.389
15	36	15.688	16.466	0.778
15	37	16.312	16.677	0.365
15	38	15.875	16.330	0.455
15	39	15.904	16.368	0.464
30	40	15.829	16.342	0.513
30	41	15.938	16.450	0.512
30	42	15.721	16.188	0.467
30	43	15.853	16.343	0.490
30	44	16.005	16.508	0.503
35	45	15.716	16.338	0.622
35	46	15.139	16.427	1.288
35	47	15.735	16.337	0.602
35	48	15.794	16.422	0.628
35	49	16.033	16.626	0.593
50	50	15.851	16.446	0.595
50	51	15.618	16.145	0.527
50	52	15.994	16.538	0.544
50	53	15.907	16.508	0.601
50	54	16.009	16.596	0.587
55	55	15.804	16.430	0.626
55	56	14.732	16.314	1.582
55	57	15.663	16.271	0.608
55	58	15.655	16.349	0.694
55	59	15.607	16.284	0.677
100	60	15.468	16.213	0.745
100	61	15.559	16.365	0.806
100	62	15.755	16.545	0.790
100	63	15.513	16.270	0.757
100	64	15.870	16.661	0.791
105	65	15.433	16.167	0.734
105	66	15.661	16.490	0.829
105	67	14.209	16.315	2.106
105	68	14.206	16.299	2.093
105	69	15.444	16.213	0.769
	Max	16.387	16.677	2.106
	Average	15.783	16.358	0.575
	Min	14.206	16.044	0.106
	Std Dev	0.433	0.150	0.413



	18.32_Res_PD_EN3/EN3										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.329	16.044	16.203	16.047	16.330	16.188	16.337	16.145	16.271	16.213	16.167
Average	16.391	16.357	16.281	16.166	16.476	16.366	16.430	16.447	16.330	16.411	16.297
Max	16.438	16.533	16.444	16.274	16.677	16.508	16.626	16.596	16.430	16.661	16.490
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

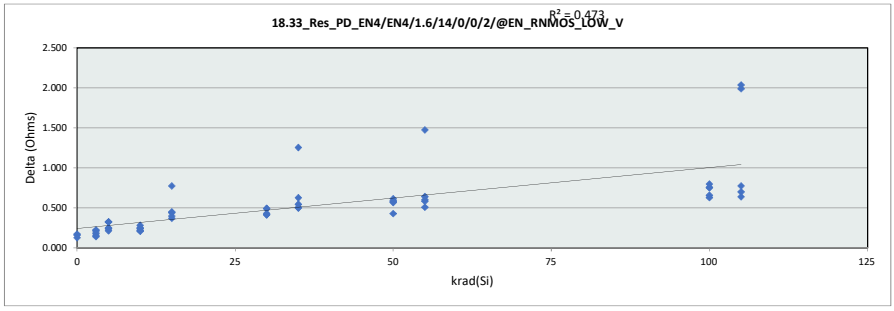


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

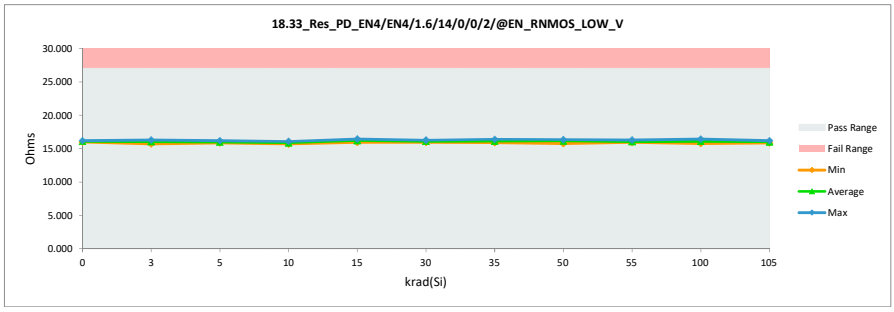
	18.33_Res_PD_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.841	15.968	0.127
0	14	16.033	16.205	0.172
0	15	15.970	16.131	0.161
3	20	16.109	16.294	0.185
3	21	15.786	15.947	0.161
3	22	15.558	15.700	0.142
3	23	15.841	16.055	0.214
3	24	16.026	16.252	0.226
5	25	15.851	16.066	0.215
5	26	15.739	15.989	0.250
5	27	15.526	15.852	0.326
5	28	15.677	15.916	0.239
5	29	15.868	16.193	0.325
10	30	15.683	15.935	0.252
10	31	15.789	16.071	0.282
10	32	15.488	15.697	0.209
10	33	15.674	15.919	0.245
10	34	15.524	15.745	0.221
15	35	15.791	16.230	0.439
15	36	15.639	16.413	0.774
15	37	15.987	16.436	0.449
15	38	15.627	16.025	0.398
15	39	15.593	15.964	0.371
30	40	15.545	15.960	0.415
30	41	15.661	16.151	0.490
30	42	15.607	16.023	0.416
30	43	15.630	16.061	0.431
30	44	15.771	16.266	0.495
35	45	15.376	15.881	0.505
35	46	14.979	16.235	1.256
35	47	15.459	15.960	0.501
35	48	15.560	16.106	0.546
35	49	15.770	16.398	0.628
50	50	15.641	16.209	0.568
50	51	15.335	15.764	0.429
50	52	15.762	16.339	0.577
50	53	15.624	16.214	0.590
50	54	15.711	16.326	0.615
55	55	15.690	16.293	0.603
55	56	14.467	15.942	1.475
55	57	15.471	15.979	0.508
55	58	15.456	16.098	0.642
55	59	15.363	15.948	0.585
100	60	15.229	15.887	0.658
100	61	15.401	16.153	0.752
100	62	15.524	16.281	0.757
100	63	15.132	15.761	0.629
100	64	15.609	16.407	0.798
105	65	15.207	15.847	0.640
105	66	15.424	16.201	0.777
105	67	14.015	16.051	2.036
105	68	14.034	16.024	1.990
105	69	15.334	16.035	0.701
	Max	16.109	16.436	2.036
	Average	15.536	16.072	0.536
	Min	14.015	15.697	0.127
	Std Dev	0.411	0.191	0.395



	18.33_Res_PD_EN4/EN	
Test Site		
Tester		
Test Number		
Max Limit	27	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.968	15.700	15.852	15.697	15.964	15.960	15.881	15.764	15.942	15.761	15.847
Average	16.101	16.050	16.003	15.873	16.214	16.092	16.116	16.170	16.052	16.098	16.032
Max	16.205	16.294	16.193	16.071	16.436	16.266	16.398	16.339	16.293	16.407	16.201
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

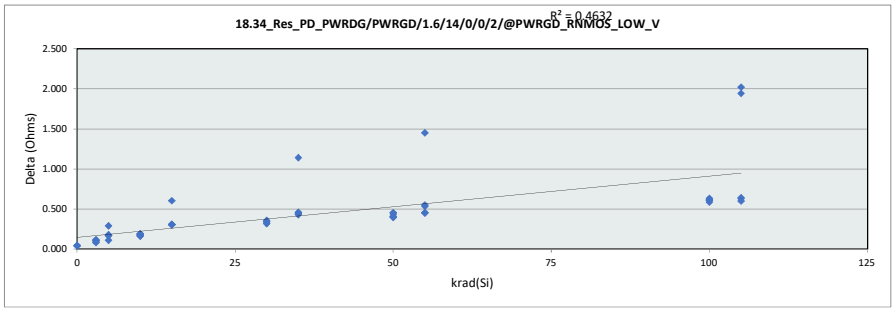


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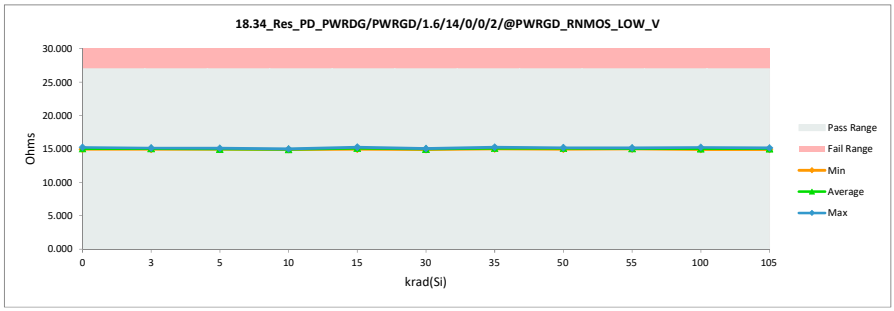
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.34_Res_PD_PWRDG/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	14.979	15.017	0.038
0	14	15.169	15.213	0.044
0	15	14.872	14.918	0.046
3	20	15.017	15.126	0.109
3	21	14.955	15.034	0.079
3	22	14.824	14.926	0.102
3	23	14.907	15.011	0.104
3	24	14.996	15.115	0.119
5	25	14.817	14.927	0.110
5	26	14.764	14.938	0.174
5	27	14.821	15.110	0.289
5	28	14.798	14.975	0.177
5	29	14.805	14.972	0.167
10	30	14.720	14.906	0.186
10	31	14.829	14.993	0.164
10	32	14.722	14.903	0.181
10	33	14.801	14.966	0.165
10	34	14.735	14.927	0.192
15	35	14.776	15.082	0.306
15	36	14.631	15.234	0.603
15	37	14.944	15.249	0.305
15	38	14.651	14.955	0.304
15	39	14.706	15.014	0.308
30	40	14.684	15.041	0.357
30	41	14.720	15.061	0.341
30	42	14.559	14.882	0.323
30	43	14.590	14.909	0.319
30	44	14.700	15.045	0.345
35	45	14.650	15.108	0.458
35	46	14.101	15.243	1.142
35	47	14.537	14.975	0.438
35	48	14.633	15.077	0.444
35	49	14.656	15.086	0.430
50	50	14.645	15.053	0.408
50	51	14.545	14.947	0.402
50	52	14.750	15.144	0.394
50	53	14.727	15.163	0.436
50	54	14.609	15.064	0.455
55	55	14.608	15.058	0.450
55	56	13.708	15.158	1.450
55	57	14.522	14.976	0.454
55	58	14.516	15.067	0.551
55	59	14.490	15.023	0.533
100	60	14.296	14.903	0.607
100	61	14.359	14.992	0.633
100	62	14.541	15.162	0.621
100	63	14.308	14.893	0.585
100	64	14.600	15.211	0.611
105	65	14.310	14.909	0.599
105	66	14.366	15.005	0.639
105	67	13.121	15.142	2.021
105	68	12.995	14.938	1.943
105	69	14.515	15.145	0.630
	Max	15.169	15.249	2.021
	Average	14.596	15.036	0.439
	Min	12.995	14.882	0.038
	Std Dev	0.391	0.102	0.403



	18.34_Res_PD_PWRDG										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	14.918	14.926	14.927	14.903	14.955	14.882	14.975	14.947	14.976	14.893	14.909
Average	15.049	15.042	14.984	14.939	15.107	14.988	15.098	15.074	15.056	15.032	15.028
Max	15.213	15.126	15.110	14.993	15.249	15.061	15.243	15.163	15.158	15.211	15.145
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

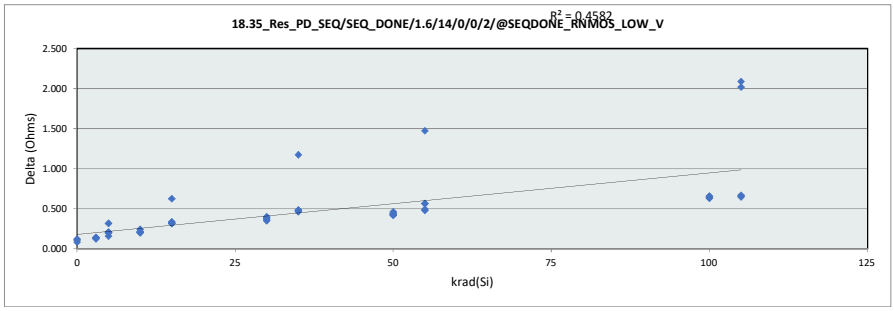


TID HDR Report
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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

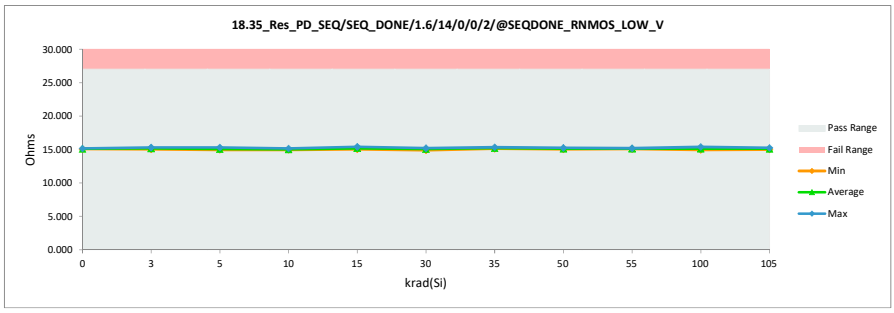
	18.35_Res_PD_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.045	15.167	0.122
0	14	15.047	15.129	0.082
0	15	14.954	15.061	0.107
3	20	15.180	15.304	0.124
3	21	14.980	15.118	0.138
3	22	14.892	15.034	0.142
3	23	14.982	15.119	0.137
3	24	15.036	15.177	0.141
5	25	14.822	14.981	0.159
5	26	14.767	14.969	0.202
5	27	14.982	15.299	0.317
5	28	14.823	15.024	0.201
5	29	14.811	15.020	0.209
10	30	14.759	14.975	0.216
10	31	14.788	14.993	0.205
10	32	14.836	15.045	0.209
10	33	14.962	15.162	0.200
10	34	14.786	15.028	0.242
15	35	14.886	15.202	0.316
15	36	14.556	15.181	0.625
15	37	15.088	15.405	0.317
15	38	14.786	15.121	0.335
15	39	14.703	15.038	0.335
30	40	14.806	15.207	0.401
30	41	14.730	15.114	0.384
30	42	14.547	14.898	0.351
30	43	14.629	14.984	0.355
30	44	14.733	15.109	0.376
35	45	14.752	15.237	0.485
35	46	14.166	15.338	1.172
35	47	14.660	15.124	0.464
35	48	14.644	15.124	0.480
35	49	14.771	15.246	0.475
50	50	14.688	15.113	0.425
50	51	14.667	15.105	0.438
50	52	14.840	15.257	0.417
50	53	14.733	15.178	0.445
50	54	14.582	15.044	0.462
55	55	14.663	15.158	0.495
55	56	13.704	15.176	1.472
55	57	14.612	15.093	0.481
55	58	14.583	15.148	0.565
55	59	14.581	15.144	0.563
100	60	14.294	14.952	0.658
100	61	14.357	15.011	0.654
100	62	14.669	15.307	0.638
100	63	14.417	15.049	0.632
100	64	14.736	15.375	0.639
105	65	14.373	15.021	0.648
105	66	14.423	15.091	0.668
105	67	13.166	15.254	2.088
105	68	13.000	15.019	2.019
105	69	14.490	15.147	0.657
	Max	15.180	15.405	2.088
	Average	14.651	15.124	0.473
	Min	13.000	14.898	0.082
	Std Dev	0.402	0.113	0.406



	18.35_Res_PD_SEQ/SE	
Test Site		
Tester		
Test Number		
Max Limit	27	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.061	15.034	14.969	14.975	15.038	14.898	15.124	15.044	15.093	14.952	15.019
Average	15.119	15.150	15.059	15.041	15.189	15.062	15.214	15.139	15.144	15.139	15.106
Max	15.167	15.304	15.299	15.162	15.405	15.207	15.338	15.257	15.176	15.375	15.254
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

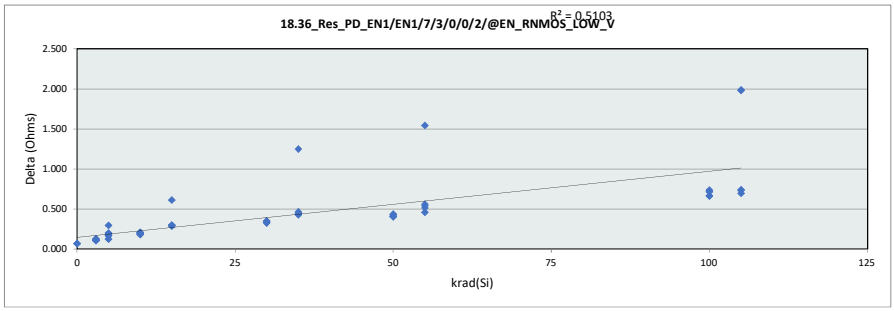


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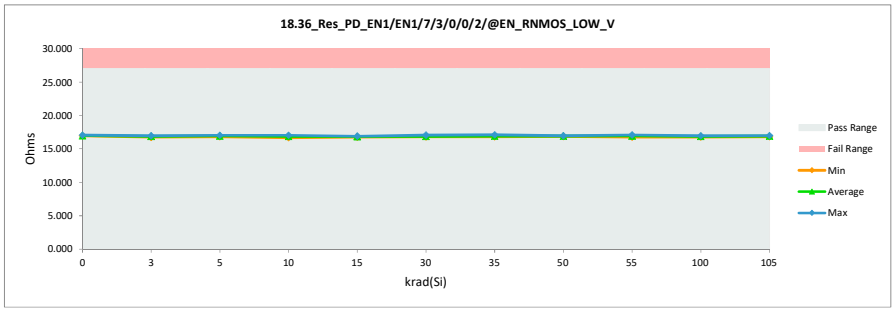
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.36_Res_PD_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.978	17.047	0.069
0	14	16.888	16.954	0.066
0	15	16.915	16.985	0.070
3	20	16.635	16.743	0.108
3	21	16.780	16.885	0.105
3	22	16.805	16.918	0.113
3	23	16.837	16.967	0.130
3	24	16.705	16.828	0.123
5	25	16.821	16.946	0.125
5	26	16.834	17.034	0.200
5	27	16.525	16.821	0.296
5	28	16.755	16.922	0.167
5	29	16.781	16.957	0.176
10	30	16.821	17.028	0.207
10	31	16.606	16.785	0.179
10	32	16.495	16.687	0.192
10	33	16.832	17.026	0.194
10	34	16.591	16.800	0.209
15	35	16.620	16.906	0.286
15	36	16.239	16.850	0.611
15	37	16.501	16.796	0.295
15	38	16.467	16.767	0.300
15	39	16.576	16.874	0.298
30	40	16.449	16.794	0.345
30	41	16.487	16.838	0.351
30	42	16.484	16.811	0.327
30	43	16.442	16.778	0.336
30	44	16.730	17.061	0.331
35	45	16.555	17.004	0.449
35	46	15.650	16.900	1.250
35	47	16.348	16.790	0.442
35	48	16.673	17.101	0.428
35	49	16.322	16.787	0.465
50	50	16.470	16.873	0.403
50	51	16.511	16.920	0.409
50	52	16.504	16.916	0.412
50	53	16.534	16.964	0.430
50	54	16.392	16.830	0.438
55	55	16.427	16.887	0.460
55	56	15.468	17.011	1.543
55	57	16.253	16.768	0.515
55	58	16.531	17.071	0.540
55	59	16.326	16.886	0.560
100	60	16.290	16.955	0.665
100	61	16.116	16.854	0.738
100	62	16.069	16.784	0.715
100	63	16.048	16.773	0.725
100	64	16.258	16.920	0.662
105	65	16.083	16.823	0.740
105	66	16.129	16.863	0.734
105	67	14.934	16.921	1.987
105	68	14.990	16.970	1.980
105	69	16.293	16.988	0.695
	Max	16.978	17.101	1.987
	Average	16.430	16.894	0.464
	Min	14.934	16.687	0.066
	Std Dev	0.418	0.097	0.415



	18.36_Res_PD_EN1/EN										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.954	16.743	16.821	16.687	16.767	16.778	16.787	16.830	16.768	16.773	16.823
Average	16.995	16.868	16.936	16.865	16.839	16.856	16.916	16.901	16.925	16.857	16.913
Max	17.047	16.967	17.034	17.028	16.906	17.061	17.101	16.964	17.071	16.955	16.988
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

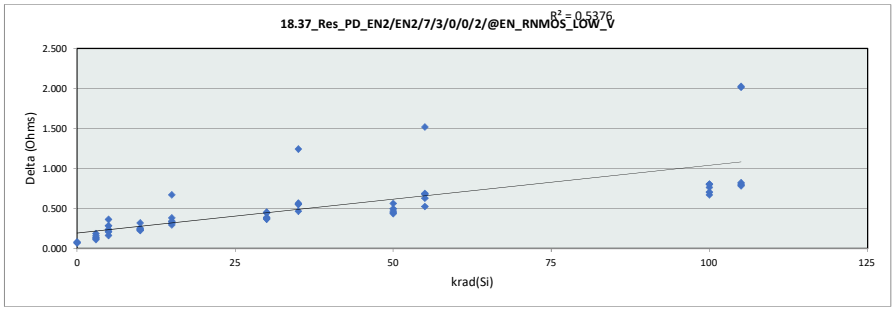


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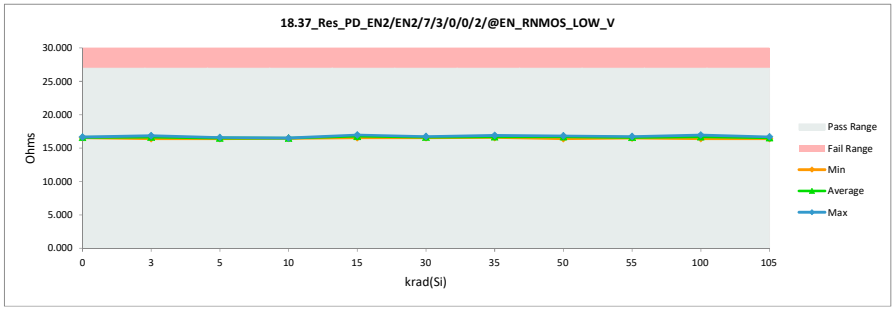
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.37_Res_PD_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.564	16.633	0.069
0	14	16.608	16.677	0.069
0	15	16.479	16.560	0.081
3	20	16.751	16.860	0.109
3	21	16.458	16.585	0.127
3	22	16.239	16.425	0.186
3	23	16.408	16.565	0.157
3	24	16.706	16.844	0.138
5	25	16.363	16.526	0.163
5	26	16.323	16.559	0.236
5	27	16.196	16.559	0.363
5	28	16.153	16.436	0.283
5	29	16.387	16.594	0.207
10	30	16.288	16.530	0.242
10	31	16.298	16.522	0.224
10	32	16.233	16.471	0.238
10	33	16.254	16.509	0.255
10	34	16.146	16.465	0.319
15	35	16.553	16.846	0.293
15	36	16.129	16.798	0.669
15	37	16.658	16.973	0.315
15	38	16.360	16.700	0.340
15	39	16.202	16.583	0.381
30	40	16.124	16.567	0.443
30	41	16.381	16.748	0.367
30	42	16.115	16.567	0.452
30	43	16.279	16.666	0.387
30	44	16.329	16.700	0.371
35	45	16.077	16.631	0.554
35	46	15.459	16.701	1.242
35	47	16.084	16.635	0.551
35	48	16.021	16.586	0.565
35	49	16.451	16.916	0.465
50	50	16.341	16.788	0.447
50	51	15.865	16.427	0.562
50	52	16.407	16.842	0.435
50	53	16.267	16.763	0.496
50	54	16.374	16.841	0.467
55	55	16.218	16.743	0.525
55	56	15.090	16.607	1.517
55	57	15.889	16.517	0.628
55	58	15.979	16.654	0.675
55	59	15.896	16.583	0.687
100	60	15.702	16.505	0.803
100	61	15.869	16.671	0.802
100	62	16.180	16.884	0.704
100	63	15.656	16.418	0.762
100	64	16.291	16.960	0.669
105	65	15.644	16.428	0.784
105	66	15.856	16.677	0.821
105	67	14.523	16.535	2.012
105	68	14.662	16.688	2.026
105	69	15.794	16.597	0.803
	Max	16.751	16.973	2.026
	Average	16.124	16.643	0.519
	Min	14.523	16.418	0.069
	Std Dev	0.440	0.146	0.414



	18.37_Res_PD_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.560	16.425	16.436	16.465	16.583	16.567	16.586	16.427	16.517	16.418	16.428
Average	16.623	16.656	16.535	16.499	16.780	16.650	16.694	16.732	16.621	16.688	16.585
Max	16.677	16.860	16.594	16.530	16.973	16.748	16.916	16.842	16.743	16.960	16.688
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

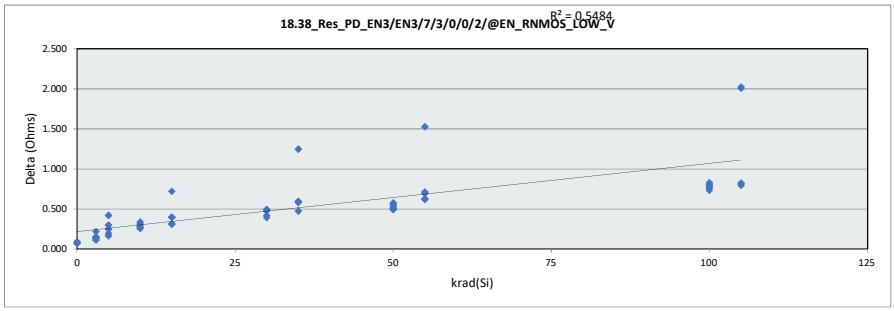


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

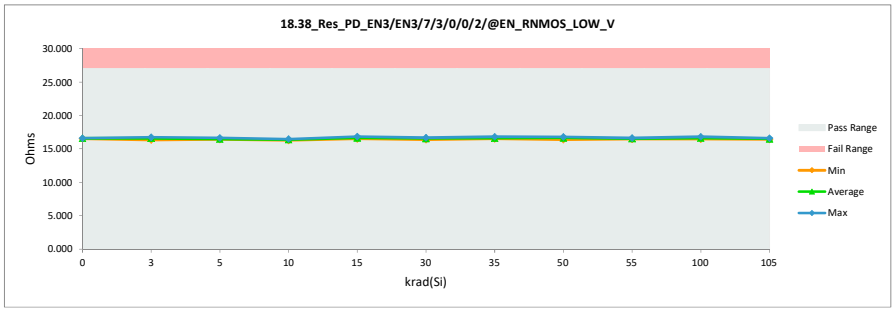
	18.38_Res_PD_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.425	16.518	0.093
0	14	16.518	16.593	0.075
0	15	16.529	16.602	0.073
3	20	16.596	16.709	0.113
3	21	16.360	16.507	0.147
3	22	16.105	16.324	0.219
3	23	16.430	16.582	0.152
3	24	16.621	16.751	0.130
5	25	16.324	16.491	0.167
5	26	16.183	16.431	0.248
5	27	15.982	16.402	0.420
5	28	16.113	16.413	0.300
5	29	16.450	16.644	0.194
10	30	16.156	16.434	0.278
10	31	16.209	16.467	0.258
10	32	15.965	16.278	0.313
10	33	16.168	16.451	0.283
10	34	15.922	16.261	0.339
15	35	16.413	16.724	0.311
15	36	15.937	16.660	0.723
15	37	16.537	16.854	0.317
15	38	16.124	16.521	0.397
15	39	16.109	16.510	0.401
30	40	16.011	16.508	0.497
30	41	16.235	16.653	0.418
30	42	15.899	16.381	0.482
30	43	16.015	16.493	0.478
30	44	16.268	16.662	0.394
35	45	15.945	16.542	0.597
35	46	15.351	16.598	1.247
35	47	15.929	16.510	0.581
35	48	15.938	16.529	0.591
35	49	16.355	16.830	0.475
50	50	16.098	16.631	0.533
50	51	15.811	16.388	0.577
50	52	16.238	16.731	0.493
50	53	16.112	16.672	0.560
50	54	16.276	16.784	0.508
55	55	16.005	16.626	0.621
55	56	15.011	16.539	1.528
55	57	15.821	16.451	0.630
55	58	15.858	16.553	0.695
55	59	15.768	16.482	0.714
100	60	15.641	16.445	0.804
100	61	15.745	16.574	0.829
100	62	15.954	16.717	0.763
100	63	15.710	16.496	0.786
100	64	16.095	16.829	0.734
105	65	15.618	16.415	0.797
105	66	15.770	16.596	0.826
105	67	14.481	16.505	2.024
105	68	14.455	16.462	2.007
105	69	15.663	16.477	0.814
	Max	16.621	16.854	2.024
	Average	16.005	16.551	0.546
	Min	14.455	16.261	0.073
	Std Dev	0.439	0.136	0.411



	18.38_Res_PD_EN3/EN	
Test Site		
Tester		
Test Number		
Max Limit	27	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.518	16.324	16.402	16.261	16.510	16.381	16.510	16.388	16.451	16.445	16.415
Average	16.571	16.575	16.476	16.378	16.654	16.539	16.602	16.641	16.530	16.612	16.491
Max	16.602	16.751	16.644	16.467	16.854	16.662	16.830	16.784	16.626	16.829	16.596
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

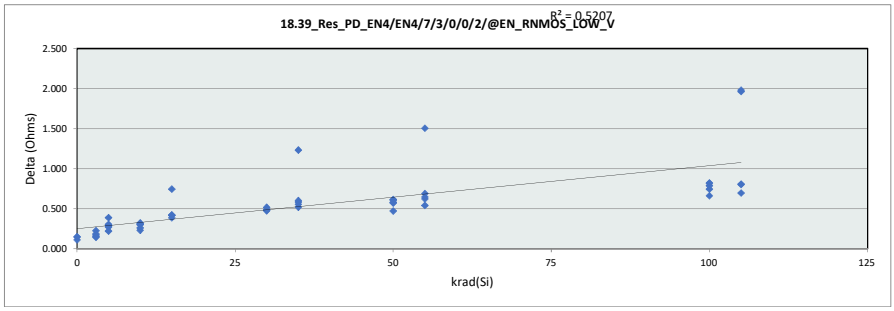


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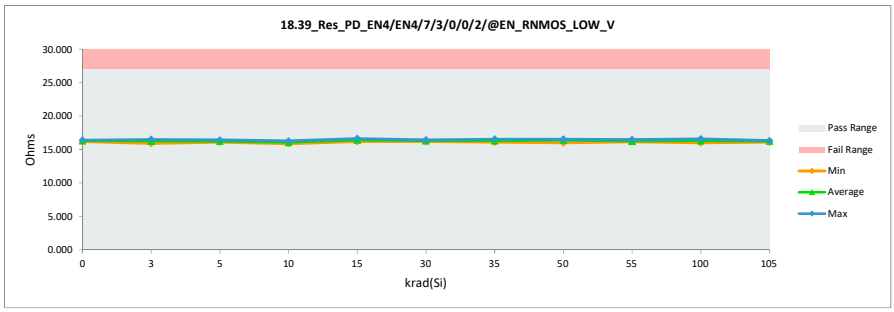
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.39_Res_PD_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.052	16.201	0.149
0	14	16.311	16.422	0.111
0	15	16.190	16.334	0.144
3	20	16.362	16.505	0.143
3	21	15.969	16.155	0.186
3	22	15.750	15.901	0.151
3	23	16.073	16.298	0.225
3	24	16.327	16.499	0.172
5	25	16.095	16.315	0.220
5	26	15.960	16.248	0.288
5	27	15.689	16.076	0.387
5	28	15.808	16.112	0.304
5	29	16.170	16.441	0.271
10	30	15.844	16.164	0.320
10	31	15.983	16.290	0.307
10	32	15.645	15.875	0.230
10	33	15.869	16.169	0.300
10	34	15.672	15.931	0.259
15	35	16.016	16.435	0.419
15	36	15.868	16.611	0.743
15	37	16.250	16.635	0.385
15	38	15.827	16.245	0.418
15	39	15.751	16.168	0.417
30	40	15.704	16.177	0.473
30	41	15.878	16.394	0.516
30	42	15.777	16.262	0.485
30	43	15.784	16.274	0.490
30	44	15.954	16.436	0.482
35	45	15.574	16.092	0.518
35	46	15.195	16.425	1.230
35	47	15.630	16.184	0.554
35	48	15.678	16.279	0.601
35	49	15.988	16.570	0.582
50	50	15.836	16.414	0.578
50	51	15.520	15.991	0.471
50	52	15.980	16.550	0.570
50	53	15.775	16.382	0.607
50	54	15.903	16.519	0.616
55	55	15.869	16.490	0.621
55	56	14.741	16.244	1.503
55	57	15.621	16.161	0.540
55	58	15.659	16.347	0.688
55	59	15.505	16.152	0.647
100	60	15.393	16.136	0.743
100	61	15.593	16.411	0.818
100	62	15.688	16.475	0.787
100	63	15.324	15.984	0.660
100	64	15.761	16.582	0.821
105	65	15.385	16.080	0.695
105	66	15.520	16.322	0.802
105	67	14.292	16.272	1.980
105	68	14.250	16.213	1.963
105	69	15.545	16.352	0.807
	Max	16.362	16.635	1.980
	Average	15.732	16.287	0.555
	Min	14.250	15.875	0.111
	Std Dev	0.414	0.186	0.391



	18.39_Res_PD_EN4/EN										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.201	15.901	16.076	15.875	16.168	16.177	16.092	15.991	16.152	15.984	16.080
Average	16.319	16.272	16.238	16.086	16.419	16.309	16.310	16.371	16.279	16.318	16.248
Max	16.422	16.505	16.441	16.290	16.635	16.436	16.570	16.550	16.490	16.582	16.352
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

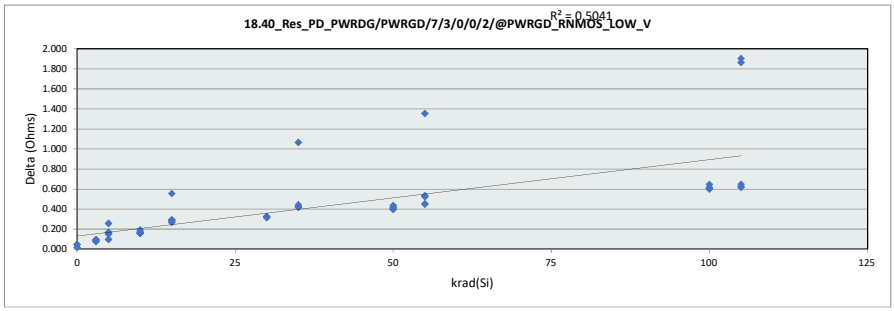


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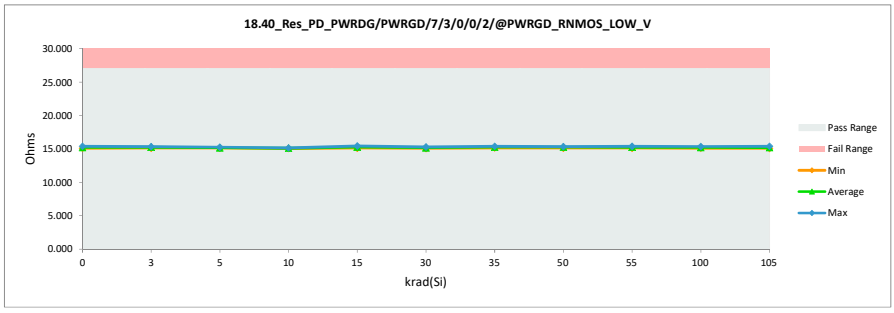
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.40_Res_PD_PWRDG/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.129	15.176	0.047
0	14	15.378	15.395	0.017
0	15	15.034	15.081	0.047
3	20	15.235	15.312	0.077
3	21	15.109	15.189	0.080
3	22	15.033	15.124	0.091
3	23	15.110	15.206	0.096
3	24	15.241	15.333	0.092
5	25	15.018	15.115	0.097
5	26	14.974	15.124	0.150
5	27	15.015	15.272	0.257
5	28	14.956	15.124	0.168
5	29	15.020	15.181	0.161
10	30	14.891	15.064	0.173
10	31	14.991	15.150	0.159
10	32	14.890	15.056	0.166
10	33	14.997	15.155	0.158
10	34	14.905	15.097	0.192
15	35	14.988	15.255	0.267
15	36	14.859	15.414	0.555
15	37	15.134	15.428	0.294
15	38	14.831	15.114	0.283
15	39	14.846	15.130	0.284
30	40	14.854	15.179	0.325
30	41	14.955	15.281	0.326
30	42	14.748	15.064	0.316
30	43	14.753	15.070	0.317
30	44	14.858	15.181	0.323
35	45	14.846	15.289	0.443
35	46	14.318	15.384	1.066
35	47	14.717	15.140	0.423
35	48	14.765	15.187	0.422
35	49	14.868	15.288	0.420
50	50	14.842	15.239	0.397
50	51	14.721	15.121	0.400
50	52	14.920	15.323	0.403
50	53	14.903	15.323	0.420
50	54	14.813	15.251	0.438
55	55	14.787	15.240	0.453
55	56	14.016	15.371	1.355
55	57	14.673	15.122	0.449
55	58	14.718	15.252	0.534
55	59	14.663	15.187	0.524
100	60	14.481	15.090	0.609
100	61	14.555	15.201	0.646
100	62	14.711	15.325	0.614
100	63	14.479	15.078	0.599
100	64	14.765	15.370	0.605
105	65	14.491	15.107	0.616
105	66	14.475	15.101	0.626
105	67	13.405	15.308	1.903
105	68	13.212	15.076	1.864
105	69	14.731	15.380	0.649
	Max	15.378	15.428	1.903
	Average	14.785	15.208	0.423
	Min	13.212	15.056	0.017
	Std Dev	0.379	0.108	0.385



	18.40_Res_PD_PWRDG										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.081	15.124	15.115	15.056	15.114	15.064	15.140	15.121	15.122	15.078	15.076
Average	15.217	15.233	15.163	15.104	15.268	15.155	15.258	15.251	15.234	15.213	15.194
Max	15.395	15.333	15.272	15.155	15.428	15.281	15.384	15.323	15.371	15.370	15.380
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

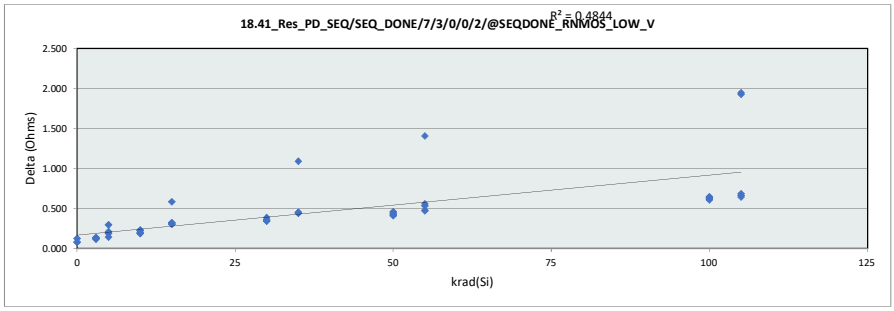


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

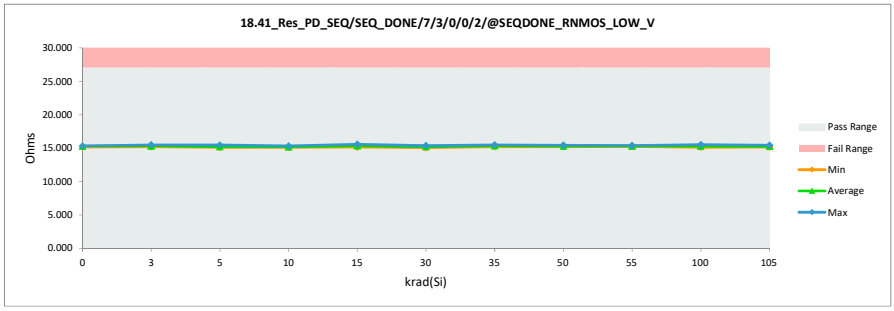
	18.41_Res_PD_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.222	15.347	0.125
0	14	15.219	15.297	0.078
0	15	15.122	15.203	0.081
3	20	15.353	15.493	0.140
3	21	15.141	15.271	0.130
3	22	15.114	15.229	0.115
3	23	15.167	15.295	0.128
3	24	15.249	15.380	0.131
5	25	15.026	15.170	0.144
5	26	14.964	15.154	0.190
5	27	15.172	15.468	0.296
5	28	14.971	15.163	0.192
5	29	15.009	15.220	0.211
10	30	14.922	15.148	0.226
10	31	14.970	15.161	0.191
10	32	15.018	15.207	0.189
10	33	15.148	15.351	0.203
10	34	14.957	15.188	0.231
15	35	15.070	15.375	0.305
15	36	14.776	15.361	0.585
15	37	15.273	15.595	0.322
15	38	14.964	15.285	0.321
15	39	14.867	15.172	0.305
30	40	14.973	15.360	0.387
30	41	14.969	15.310	0.341
30	42	14.719	15.075	0.356
30	43	14.797	15.149	0.352
30	44	14.893	15.257	0.364
35	45	14.962	15.413	0.451
35	46	14.408	15.498	1.090
35	47	14.841	15.282	0.441
35	48	14.788	15.240	0.452
35	49	14.980	15.425	0.445
50	50	14.895	15.303	0.408
50	51	14.874	15.297	0.423
50	52	15.008	15.444	0.436
50	53	14.882	15.337	0.455
50	54	14.777	15.237	0.460
55	55	14.858	15.328	0.470
55	56	13.981	15.386	1.405
55	57	14.778	15.255	0.477
55	58	14.766	15.326	0.560
55	59	14.772	15.305	0.533
100	60	14.494	15.142	0.648
100	61	14.556	15.197	0.641
100	62	14.853	15.473	0.620
100	63	14.600	15.225	0.625
100	64	14.930	15.537	0.607
105	65	14.566	15.209	0.643
105	66	14.525	15.208	0.683
105	67	13.490	15.436	1.946
105	68	13.238	15.167	1.929
105	69	14.713	15.374	0.661
	Max	15.353	15.595	1.946
	Average	14.841	15.297	0.456
	Min	13.238	15.075	0.078
	Std Dev	0.383	0.116	0.385



	18.41_Res_PD_SEQ/SE	
Test Site		
Tester		
Test Number		
Max Limit	27	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.203	15.229	15.154	15.148	15.172	15.075	15.240	15.237	15.255	15.142	15.167
Average	15.282	15.334	15.235	15.211	15.358	15.230	15.372	15.324	15.320	15.315	15.279
Max	15.347	15.493	15.468	15.351	15.595	15.360	15.498	15.444	15.386	15.537	15.436
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

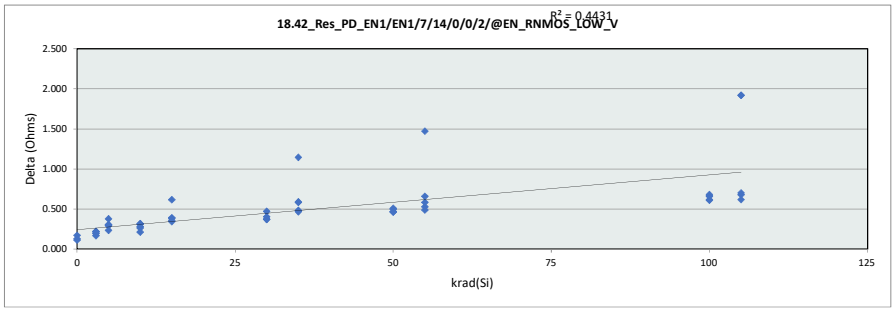


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

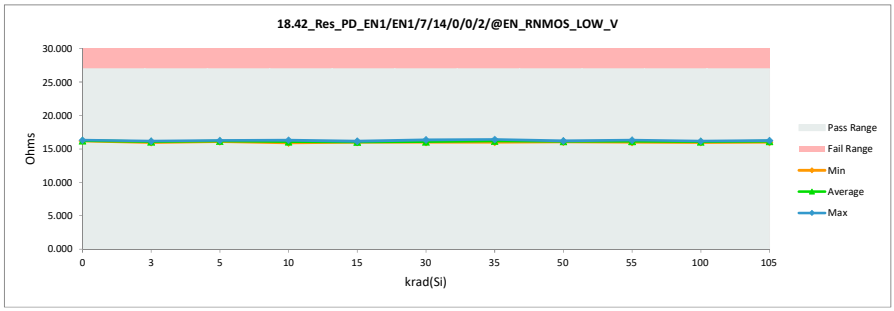
	18.42_Res_PD_EN1/EN1	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	16.199	16.310	0.111
0	14	16.074	16.202	0.128
0	15	16.058	16.230	0.172
3	20	15.775	15.942	0.167
3	21	15.928	16.122	0.194
3	22	15.890	16.111	0.221
3	23	15.965	16.181	0.216
3	24	15.807	16.004	0.197
5	25	15.948	16.183	0.235
5	26	15.968	16.259	0.291
5	27	15.699	16.076	0.377
5	28	15.881	16.183	0.302
5	29	15.876	16.179	0.303
10	30	15.966	16.282	0.316
10	31	15.763	16.026	0.263
10	32	15.671	15.882	0.211
10	33	15.948	16.260	0.312
10	34	15.731	16.011	0.280
15	35	15.764	16.144	0.380
15	36	15.439	16.055	0.616
15	37	15.646	16.003	0.357
15	38	15.620	15.963	0.343
15	39	15.735	16.127	0.392
30	40	15.604	15.976	0.372
30	41	15.607	16.011	0.404
30	42	15.638	16.010	0.372
30	43	15.614	15.985	0.371
30	44	15.868	16.338	0.470
35	45	15.678	16.261	0.583
35	46	15.006	16.150	1.144
35	47	15.544	16.026	0.482
35	48	15.822	16.410	0.588
35	49	15.516	15.983	0.467
50	50	15.615	16.079	0.464
50	51	15.647	16.146	0.499
50	52	15.668	16.128	0.460
50	53	15.676	16.186	0.510
50	54	15.554	16.021	0.467
55	55	15.575	16.103	0.528
55	56	14.763	16.233	1.470
55	57	15.492	15.979	0.487
55	58	15.654	16.312	0.658
55	59	15.528	16.110	0.582
100	60	15.488	16.168	0.680
100	61	15.397	16.054	0.657
100	62	15.395	16.010	0.615
100	63	15.342	15.952	0.610
100	64	15.493	16.162	0.669
105	65	15.358	15.976	0.618
105	66	15.452	16.130	0.678
105	67	14.241	16.160	1.919
105	68	14.330	16.249	1.919
105	69	15.483	16.184	0.701
	Max	16.199	16.410	1.919
	Average	15.611	16.117	0.506
	Min	14.241	15.882	0.111
	Std Dev	0.365	0.118	0.369



	18.42_Res_PD_EN1/EN	
Test Site		
Tester		
Test Number		
Max Limit	27	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	16.202	15.942	16.076	15.882	15.963	15.976	15.983	16.021	15.979	15.952	15.976
Average	16.247	16.072	16.176	16.092	16.058	16.064	16.166	16.112	16.147	16.069	16.140
Max	16.310	16.181	16.259	16.282	16.144	16.338	16.410	16.186	16.312	16.168	16.249
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

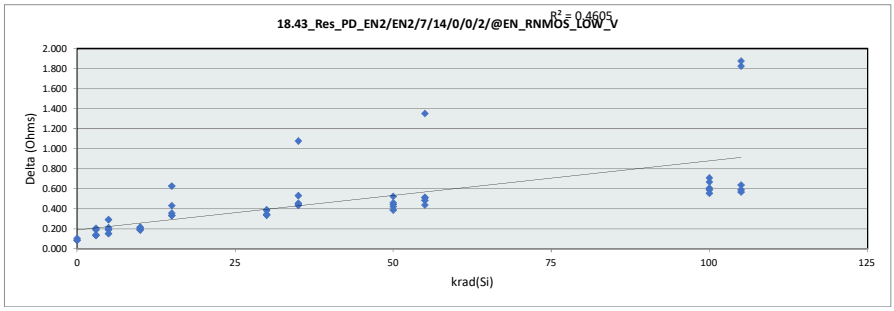


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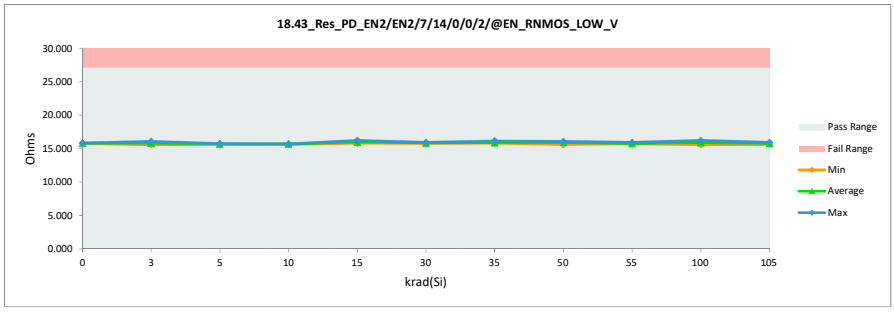
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.43_Res_PD_EN2/EN2	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.700	15.782	0.082
0	14	15.733	15.821	0.088
0	15	15.639	15.745	0.106
3	20	15.867	16.057	0.190
3	21	15.627	15.760	0.133
3	22	15.437	15.570	0.133
3	23	15.570	15.710	0.140
3	24	15.802	16.007	0.205
5	25	15.531	15.682	0.151
5	26	15.498	15.692	0.194
5	27	15.436	15.727	0.291
5	28	15.425	15.635	0.210
5	29	15.540	15.732	0.192
10	30	15.505	15.698	0.193
10	31	15.500	15.691	0.191
10	32	15.467	15.656	0.189
10	33	15.457	15.665	0.208
10	34	15.419	15.635	0.216
15	35	15.681	16.037	0.356
15	36	15.340	15.967	0.627
15	37	15.770	16.201	0.431
15	38	15.542	15.874	0.332
15	39	15.464	15.796	0.332
30	40	15.411	15.751	0.340
30	41	15.518	15.907	0.389
30	42	15.403	15.738	0.335
30	43	15.505	15.849	0.344
30	44	15.535	15.918	0.383
35	45	15.332	15.786	0.454
35	46	14.808	15.884	1.076
35	47	15.377	15.812	0.435
35	48	15.373	15.811	0.438
35	49	15.603	16.133	0.530
50	50	15.515	15.936	0.421
50	51	15.210	15.598	0.388
50	52	15.580	16.025	0.445
50	53	15.503	15.962	0.459
50	54	15.534	16.056	0.522
55	55	15.437	15.920	0.483
55	56	14.371	15.722	1.351
55	57	15.264	15.702	0.438
55	58	15.285	15.797	0.512
55	59	15.245	15.756	0.511
100	60	15.083	15.672	0.589
100	61	15.215	15.822	0.607
100	62	15.453	16.120	0.667
100	63	15.027	15.580	0.553
100	64	15.500	16.209	0.709
105	65	15.028	15.594	0.566
105	66	15.277	15.913	0.636
105	67	13.864	15.689	1.825
105	68	14.027	15.903	1.876
105	69	15.124	15.714	0.590
	Max	15.867	16.209	1.876
	Average	15.365	15.819	0.454
	Min	13.864	15.570	0.082
	Std Dev	0.377	0.162	0.365



	18.43_Res_PD_EN2/EN										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.745	15.570	15.635	15.635	15.796	15.738	15.786	15.598	15.702	15.580	15.594
Average	15.783	15.821	15.694	15.669	15.975	15.833	15.885	15.915	15.779	15.881	15.763
Max	15.821	16.057	15.732	15.698	16.201	15.918	16.133	16.056	15.920	16.209	15.913
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

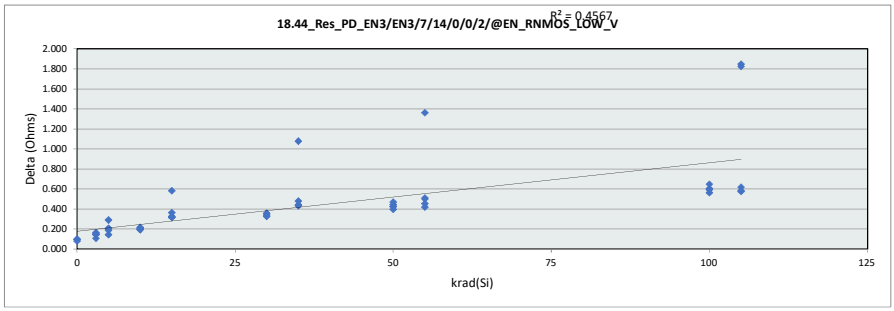


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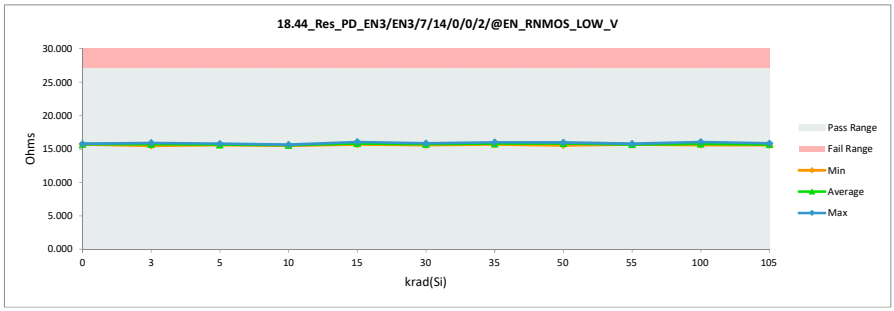
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.44_Res_PD_EN3/EN3	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.576	15.656	0.080
0	14	15.643	15.740	0.097
0	15	15.656	15.756	0.100
3	20	15.716	15.871	0.155
3	21	15.538	15.646	0.108
3	22	15.341	15.488	0.147
3	23	15.580	15.723	0.143
3	24	15.706	15.869	0.163
5	25	15.508	15.652	0.144
5	26	15.400	15.587	0.187
5	27	15.296	15.587	0.291
5	28	15.398	15.599	0.201
5	29	15.566	15.774	0.208
10	30	15.412	15.616	0.204
10	31	15.439	15.635	0.196
10	32	15.289	15.488	0.199
10	33	15.400	15.594	0.194
10	34	15.264	15.481	0.217
15	35	15.549	15.875	0.326
15	36	15.223	15.805	0.582
15	37	15.669	16.033	0.364
15	38	15.369	15.685	0.316
15	39	15.395	15.711	0.316
30	40	15.333	15.684	0.351
30	41	15.413	15.770	0.357
30	42	15.231	15.558	0.327
30	43	15.341	15.673	0.332
30	44	15.483	15.838	0.355
35	45	15.239	15.671	0.432
35	46	14.691	15.769	1.078
35	47	15.254	15.694	0.440
35	48	15.301	15.739	0.438
35	49	15.509	15.988	0.479
50	50	15.356	15.782	0.426
50	51	15.147	15.543	0.396
50	52	15.454	15.879	0.425
50	53	15.412	15.855	0.443
50	54	15.480	15.950	0.470
55	55	15.311	15.765	0.454
55	56	14.294	15.656	1.362
55	57	15.208	15.627	0.419
55	58	15.177	15.688	0.511
55	59	15.134	15.634	0.500
100	60	15.002	15.595	0.593
100	61	15.104	15.703	0.599
100	62	15.303	15.907	0.604
100	63	15.062	15.624	0.562
100	64	15.374	16.022	0.648
105	65	14.975	15.559	0.584
105	66	15.207	15.825	0.618
105	67	13.809	15.656	1.847
105	68	13.831	15.655	1.824
105	69	15.007	15.582	0.575
	Max	15.716	16.033	1.847
	Average	15.271	15.712	0.441
	Min	13.809	15.481	0.080
	Std Dev	0.381	0.134	0.363



	18.44_Res_PD_EN3/EN										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.656	15.488	15.587	15.481	15.685	15.558	15.671	15.543	15.627	15.595	15.559
Average	15.717	15.719	15.640	15.563	15.822	15.705	15.772	15.802	15.674	15.770	15.655
Max	15.756	15.871	15.774	15.635	16.033	15.838	15.988	15.950	15.765	16.022	15.825
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

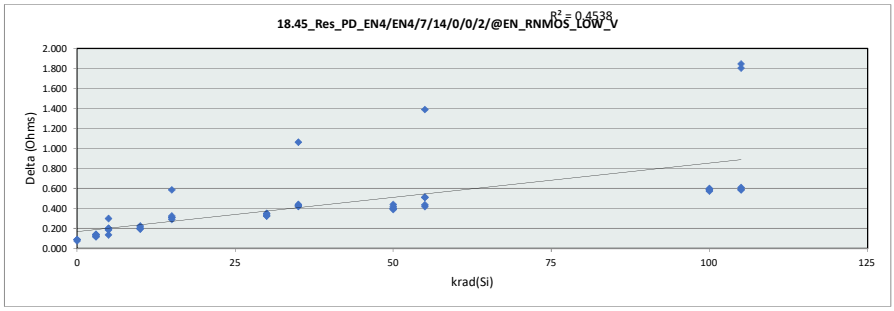


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

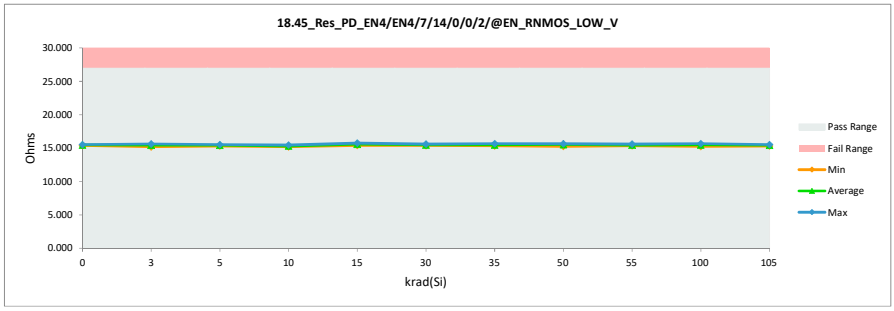
	18.45_Res_PD_EN4/EN4	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	15.323	15.410	0.087
0	14	15.476	15.550	0.074
0	15	15.415	15.504	0.089
3	20	15.519	15.641	0.122
3	21	15.270	15.386	0.116
3	22	15.064	15.201	0.137
3	23	15.324	15.465	0.141
3	24	15.471	15.605	0.134
5	25	15.354	15.489	0.135
5	26	15.238	15.423	0.185
5	27	15.036	15.335	0.299
5	28	15.178	15.379	0.201
5	29	15.357	15.555	0.198
10	30	15.181	15.383	0.202
10	31	15.283	15.477	0.194
10	32	15.009	15.209	0.200
10	33	15.177	15.378	0.201
10	34	15.023	15.247	0.224
15	35	15.284	15.572	0.288
15	36	15.137	15.723	0.586
15	37	15.431	15.755	0.324
15	38	15.144	15.450	0.306
15	39	15.115	15.426	0.311
30	40	15.056	15.404	0.348
30	41	15.178	15.529	0.351
30	42	15.116	15.450	0.334
30	43	15.152	15.475	0.323
30	44	15.283	15.610	0.327
35	45	14.909	15.341	0.432
35	46	14.518	15.580	1.062
35	47	14.991	15.410	0.419
35	48	15.073	15.502	0.429
35	49	15.262	15.702	0.440
50	50	15.168	15.556	0.388
50	51	14.865	15.267	0.402
50	52	15.277	15.673	0.396
50	53	15.139	15.559	0.420
50	54	15.215	15.656	0.441
55	55	15.187	15.622	0.435
55	56	14.011	15.399	1.388
55	57	14.992	15.409	0.417
55	58	14.988	15.500	0.512
55	59	14.877	15.386	0.509
100	60	14.770	15.357	0.587
100	61	14.938	15.537	0.599
100	62	15.047	15.639	0.592
100	63	14.670	15.256	0.586
100	64	15.131	15.703	0.572
105	65	14.732	15.319	0.587
105	66	14.948	15.556	0.608
105	67	13.625	15.470	1.845
105	68	13.642	15.444	1.802
105	69	14.863	15.449	0.586
	Max	15.519	15.755	1.845
	Average	15.046	15.478	0.432
	Min	13.625	15.201	0.074
	Std Dev	0.381	0.134	0.364



	18.45_Res_PD_EN4/EN	
Test Site		
Tester		
Test Number		
Max Limit	27	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	15.410	15.201	15.335	15.209	15.426	15.404	15.341	15.267	15.386	15.256	15.319
Average	15.488	15.460	15.436	15.339	15.585	15.494	15.507	15.542	15.463	15.498	15.448
Max	15.550	15.641	15.555	15.477	15.755	15.610	15.702	15.673	15.622	15.703	15.556
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

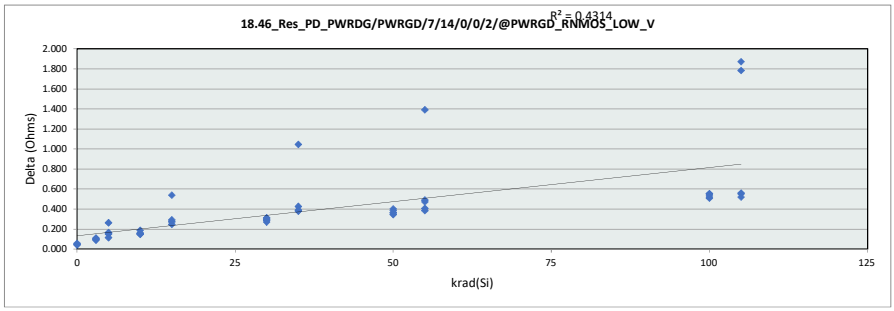


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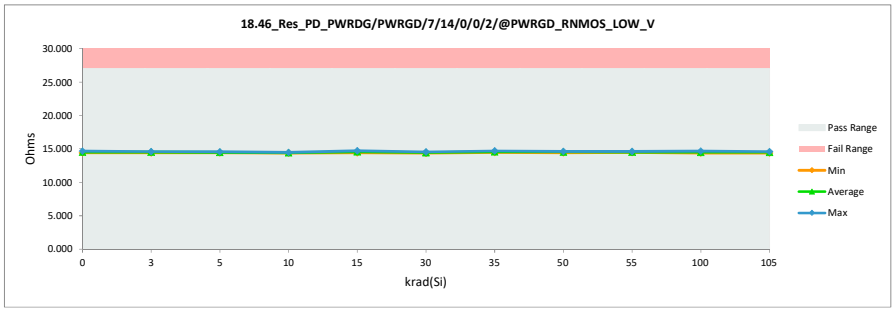
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.46_Res_PD_PWRDG/	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	14.430	14.478	0.048
0	14	14.618	14.675	0.057
0	15	14.349	14.391	0.042
3	20	14.499	14.597	0.098
3	21	14.412	14.501	0.089
3	22	14.303	14.408	0.105
3	23	14.378	14.490	0.112
3	24	14.481	14.580	0.099
5	25	14.304	14.418	0.114
5	26	14.257	14.408	0.151
5	27	14.295	14.558	0.263
5	28	14.289	14.455	0.166
5	29	14.296	14.456	0.160
10	30	14.221	14.376	0.155
10	31	14.305	14.465	0.160
10	32	14.216	14.369	0.153
10	33	14.289	14.436	0.147
10	34	14.219	14.405	0.186
15	35	14.280	14.527	0.247
15	36	14.144	14.683	0.539
15	37	14.414	14.706	0.292
15	38	14.151	14.430	0.279
15	39	14.199	14.470	0.271
30	40	14.197	14.491	0.294
30	41	14.223	14.534	0.311
30	42	14.072	14.356	0.284
30	43	14.107	14.376	0.269
30	44	14.192	14.504	0.312
35	45	14.148	14.574	0.426
35	46	13.643	14.689	1.046
35	47	14.069	14.447	0.378
35	48	14.146	14.538	0.392
35	49	14.175	14.558	0.383
50	50	14.168	14.512	0.344
50	51	14.055	14.419	0.364
50	52	14.243	14.593	0.350
50	53	14.241	14.627	0.386
50	54	14.125	14.527	0.402
55	55	14.111	14.518	0.407
55	56	13.226	14.617	1.391
55	57	14.056	14.439	0.383
55	58	14.039	14.528	0.489
55	59	14.015	14.486	0.471
100	60	13.851	14.372	0.521
100	61	13.901	14.455	0.554
100	62	14.077	14.616	0.539
100	63	13.856	14.365	0.509
100	64	14.114	14.667	0.553
105	65	13.852	14.371	0.519
105	66	13.911	14.470	0.559
105	67	12.729	14.600	1.871
105	68	12.620	14.403	1.783
105	69	14.054	14.605	0.551
	Max	14.618	14.706	1.871
	Average	14.105	14.501	0.396
	Min	12.620	14.356	0.042
	Std Dev	0.362	0.096	0.372



	18.46_Res_PD_PWRDG										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	14.391	14.408	14.408	14.369	14.430	14.356	14.447	14.419	14.439	14.365	14.371
Average	14.515	14.515	14.459	14.410	14.563	14.452	14.561	14.536	14.518	14.495	14.490
Max	14.675	14.597	14.558	14.465	14.706	14.534	14.689	14.627	14.617	14.667	14.605
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

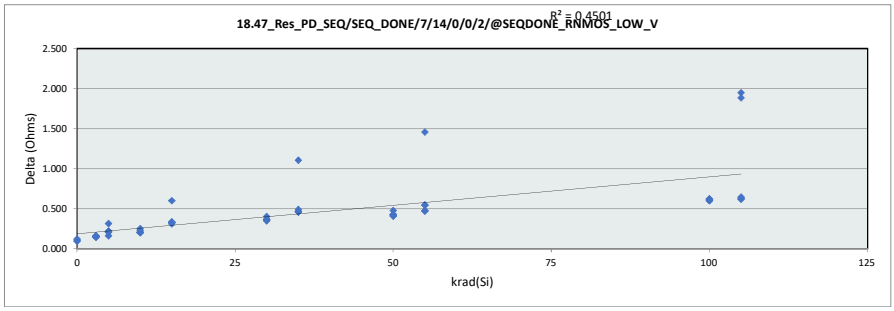


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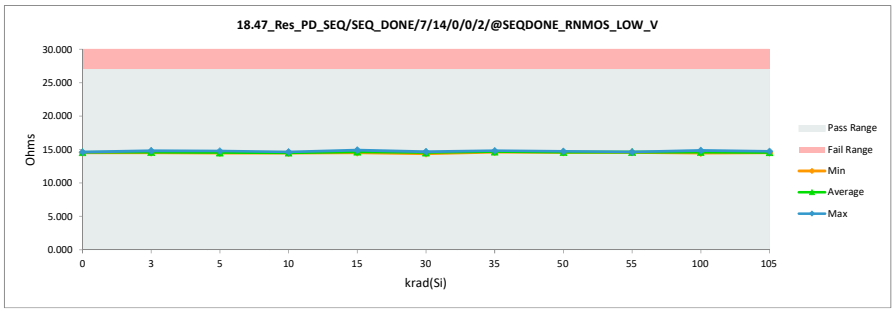
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.47_Res_PD_SEQ/SEQ	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	28	27
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	14.524	14.644	0.120
0	14	14.514	14.612	0.098
0	15	14.442	14.536	0.094
3	20	14.645	14.794	0.149
3	21	14.462	14.602	0.140
3	22	14.366	14.527	0.161
3	23	14.449	14.603	0.154
3	24	14.509	14.658	0.149
5	25	14.321	14.481	0.160
5	26	14.254	14.469	0.215
5	27	14.462	14.775	0.313
5	28	14.309	14.514	0.205
5	29	14.304	14.520	0.216
10	30	14.250	14.477	0.227
10	31	14.283	14.483	0.200
10	32	14.324	14.527	0.203
10	33	14.447	14.650	0.203
10	34	14.258	14.507	0.249
15	35	14.360	14.670	0.310
15	36	14.065	14.665	0.600
15	37	14.565	14.897	0.332
15	38	14.266	14.598	0.332
15	39	14.198	14.525	0.327
30	40	14.289	14.690	0.401
30	41	14.238	14.605	0.367
30	42	14.041	14.389	0.348
30	43	14.126	14.480	0.354
30	44	14.226	14.590	0.364
35	45	14.228	14.717	0.489
35	46	13.716	14.821	1.105
35	47	14.148	14.610	0.462
35	48	14.139	14.604	0.465
35	49	14.276	14.734	0.458
50	50	14.188	14.602	0.414
50	51	14.174	14.601	0.427
50	52	14.330	14.735	0.405
50	53	14.236	14.662	0.426
50	54	14.089	14.565	0.476
55	55	14.165	14.635	0.470
55	56	13.187	14.643	1.456
55	57	14.116	14.590	0.474
55	58	14.078	14.624	0.546
55	59	14.088	14.631	0.543
100	60	13.836	14.456	0.620
100	61	13.885	14.504	0.619
100	62	14.192	14.793	0.601
100	63	13.914	14.531	0.617
100	64	14.254	14.853	0.599
105	65	13.895	14.512	0.617
105	66	13.934	14.578	0.644
105	67	12.786	14.734	1.948
105	68	12.645	14.527	1.882
105	69	14.001	14.625	0.624
	Max	14.645	14.897	1.948
	Average	14.151	14.611	0.460
	Min	12.645	14.389	0.094
	Std Dev	0.374	0.109	0.379



	18.47_Res_PD_SEQ/SE										
Test Site											
Tester											
Test Number											
Max Limit	27	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	14.536	14.527	14.469	14.477	14.525	14.389	14.604	14.565	14.590	14.456	14.512
Average	14.597	14.637	14.552	14.529	14.671	14.551	14.697	14.633	14.625	14.627	14.595
Max	14.644	14.794	14.775	14.650	14.897	14.690	14.821	14.735	14.643	14.853	14.734
UL	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000

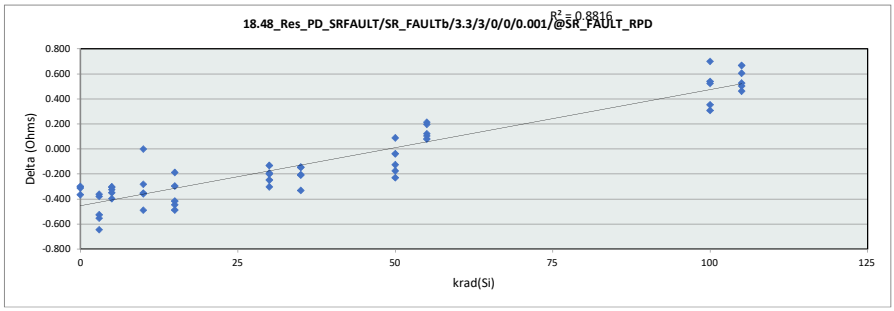


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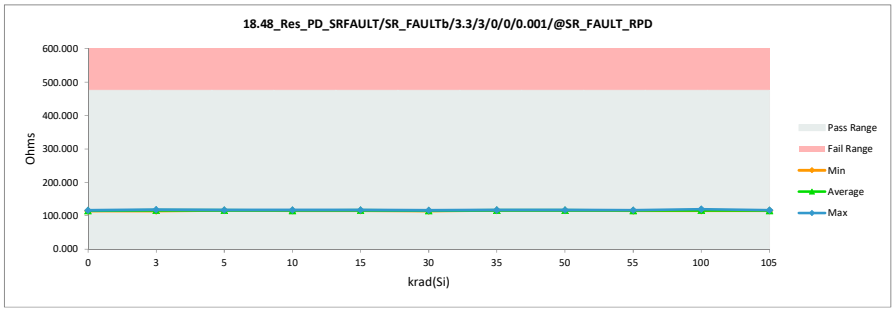
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	18.48_Res_PD_SRFAULT	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	512	475
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	114.446	114.134	-0.312
0	14	115.802	115.437	-0.365
0	15	116.296	115.998	-0.298
3	20	118.705	118.179	-0.526
3	21	114.589	113.945	-0.644
3	22	116.335	115.956	-0.379
3	23	117.325	116.964	-0.361
3	24	116.733	116.180	-0.553
5	25	116.514	116.189	-0.325
5	26	116.746	116.441	-0.305
5	27	115.766	115.463	-0.303
5	28	115.788	115.392	-0.396
5	29	117.237	116.888	-0.349
10	30	115.857	115.505	-0.352
10	31	115.436	114.947	-0.489
10	32	117.499	117.218	-0.281
10	33	116.305	115.946	-0.359
10	34	115.054	115.054	0.000
15	35	115.873	115.386	-0.487
15	36	115.891	115.595	-0.296
15	37	117.049	116.861	-0.188
15	38	115.640	115.194	-0.446
15	39	117.224	116.808	-0.416
30	40	114.327	114.079	-0.248
30	41	116.242	116.049	-0.193
30	42	115.307	115.005	-0.302
30	43	115.177	115.046	-0.131
30	44	116.125	115.926	-0.199
35	45	115.994	115.789	-0.205
35	46	116.479	116.148	-0.331
35	47	116.330	116.183	-0.147
35	48	116.391	116.182	-0.209
35	49	117.352	117.208	-0.144
50	50	116.365	116.136	-0.229
50	51	115.824	115.649	-0.175
50	52	115.562	115.437	-0.125
50	53	116.755	116.717	-0.038
50	54	117.093	117.182	0.089
55	55	116.594	116.808	0.214
55	56	114.489	114.568	0.079
55	57	116.181	116.304	0.123
55	58	116.419	116.524	0.105
55	59	114.384	114.581	0.197
100	60	115.403	115.943	0.540
100	61	115.167	115.867	0.700
100	62	118.866	119.389	0.523
100	63	114.600	114.953	0.353
100	64	115.463	115.771	0.308
105	65	114.537	115.040	0.503
105	66	114.482	115.087	0.605
105	67	115.827	116.495	0.668
105	68	115.970	116.497	0.527
105	69	115.318	115.781	0.463
	Max	118.866	119.389	0.700
	Average	116.021	115.925	-0.096
	Min	114.327	113.945	-0.644
	Std Dev	1.013	0.991	0.354



	18.48_Res_PD_SRFAUL										
Test Site											
Tester											
Test Number											
Max Limit	475	Ohms									
Min Limit	0	Ohms									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	114.134	113.945	115.392	114.947	115.194	114.079	115.789	115.437	114.568	114.953	115.040
Average	115.190	116.245	116.075	115.734	115.969	115.221	116.302	116.224	115.757	116.385	115.780
Max	115.998	118.179	116.888	117.218	116.861	116.049	117.208	117.182	116.808	119.389	116.497
UL	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000

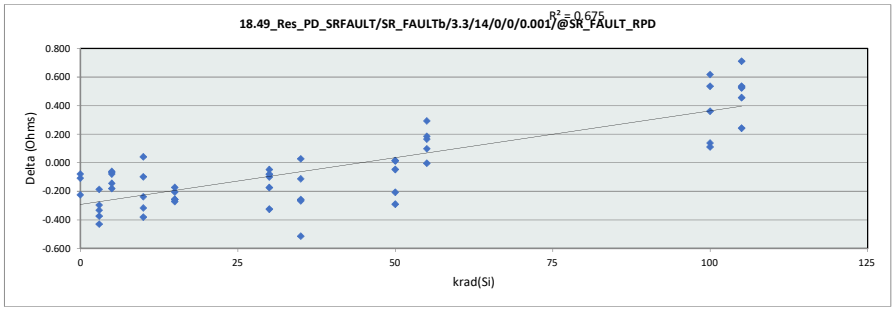


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

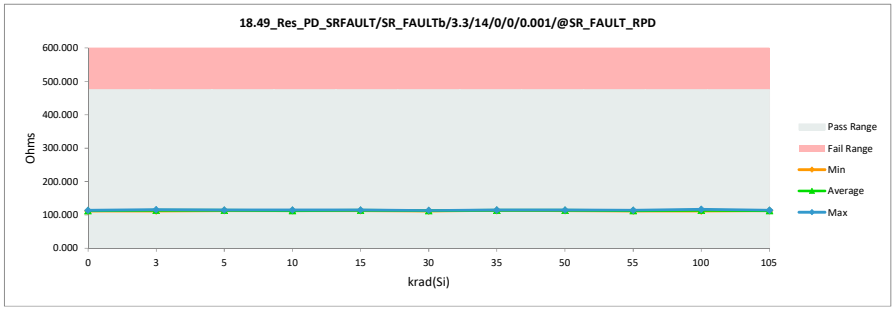
	18.49_Res_PD_SRFAULT	
Test Site		
Tester		
Test Number		
Unit	Ohms	Ohms
Max Limit	512	475
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	111.864	111.639	-0.225
0	14	113.105	112.997	-0.108
0	15	113.650	113.571	-0.079
3	20	116.025	115.595	-0.430
3	21	111.941	111.608	-0.333
3	22	113.652	113.466	-0.186
3	23	114.741	114.445	-0.296
3	24	113.956	113.582	-0.374
5	25	113.815	113.748	-0.067
5	26	113.960	113.780	-0.180
5	27	113.094	113.033	-0.061
5	28	113.199	113.120	-0.079
5	29	114.489	114.345	-0.144
10	30	113.310	112.930	-0.380
10	31	112.866	112.628	-0.238
10	32	115.004	114.687	-0.317
10	33	113.601	113.503	-0.098
10	34	112.518	112.559	0.041
15	35	113.163	112.906	-0.257
15	36	113.304	113.048	-0.256
15	37	114.451	114.246	-0.205
15	38	112.942	112.769	-0.173
15	39	114.611	114.339	-0.272
30	40	111.745	111.571	-0.174
30	41	113.539	113.491	-0.048
30	42	112.670	112.590	-0.080
30	43	112.617	112.292	-0.325
30	44	113.511	113.412	-0.099
35	45	113.294	113.321	0.027
35	46	113.942	113.676	-0.266
35	47	113.846	113.733	-0.113
35	48	113.965	113.708	-0.257
35	49	114.876	114.362	-0.514
50	50	113.773	113.483	-0.290
50	51	113.212	113.227	0.015
50	52	113.054	112.847	-0.207
50	53	114.126	114.079	-0.047
50	54	114.430	114.444	0.014
55	55	113.953	114.245	0.292
55	56	111.824	111.820	-0.004
55	57	113.622	113.807	0.185
55	58	113.796	113.962	0.166
55	59	111.917	112.015	0.098
100	60	112.843	113.378	0.535
100	61	112.652	113.270	0.618
100	62	116.341	116.702	0.361
100	63	112.072	112.183	0.111
100	64	113.068	113.206	0.138
105	65	112.006	112.462	0.456
105	66	112.219	112.461	0.242
105	67	113.326	114.036	0.710
105	68	113.539	114.075	0.536
105	69	112.680	113.204	0.524
	Max	116.341	116.702	0.710
	Average	113.429	113.389	-0.040
	Min	111.745	111.571	-0.514
	Std Dev	0.993	0.965	0.285



	18.49_Res_PD_SRFAUL	
Test Site		
Tester		
Test Number		
Max Limit	475	Ohms
Min Limit	0	Ohms

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	111.639	111.608	113.033	112.559	112.769	111.571	113.321	112.847	111.820	112.183	112.461
Average	112.736	113.739	113.605	113.261	113.462	112.671	113.760	113.616	113.170	113.748	113.248
Max	113.571	115.595	114.345	114.687	114.339	113.491	114.362	114.444	114.245	116.702	114.075
UL	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000	475.000

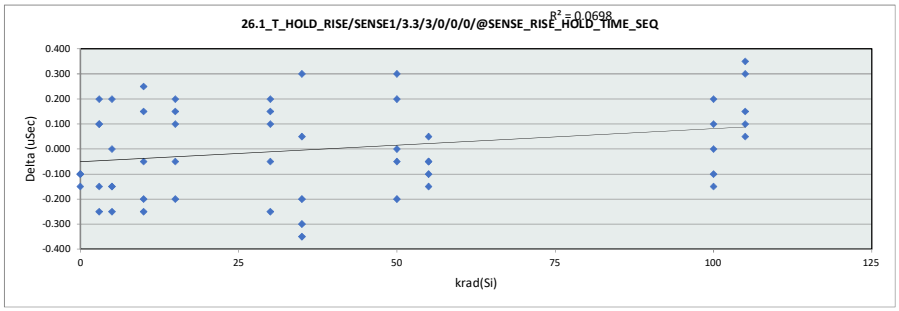


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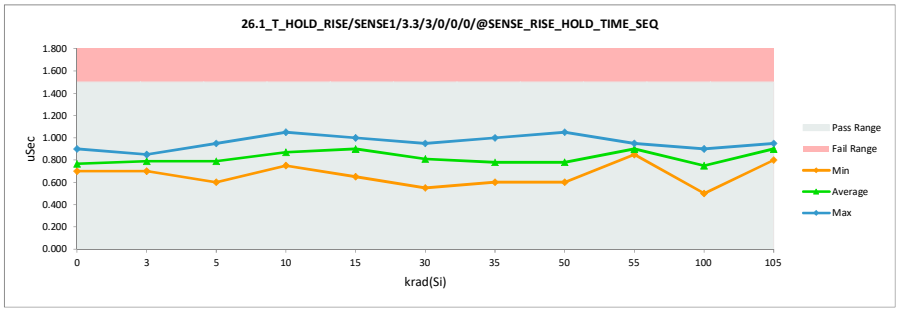
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.1_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.800	0.700	-0.100
0	14	1.000	0.900	-0.100
0	15	0.850	0.700	-0.150
3	20	1.000	0.750	-0.250
3	21	0.950	0.800	-0.150
3	22	0.750	0.850	0.100
3	23	0.600	0.700	0.100
3	24	0.650	0.850	0.200
5	25	0.750	0.950	0.200
5	26	0.900	0.900	0.000
5	27	1.000	0.850	-0.150
5	28	0.750	0.600	-0.150
5	29	0.900	0.650	-0.250
10	30	0.700	0.950	0.250
10	31	0.850	0.800	-0.050
10	32	0.900	1.050	0.150
10	33	0.950	0.750	-0.200
10	34	1.050	0.800	-0.250
15	35	0.800	0.950	0.150
15	36	0.850	0.950	0.100
15	37	0.800	1.000	0.200
15	38	0.850	0.650	-0.200
15	39	1.000	0.950	-0.050
30	40	0.850	0.950	0.100
30	41	0.600	0.800	0.200
30	42	0.800	0.550	-0.250
30	43	0.900	0.850	-0.050
30	44	0.750	0.900	0.150
35	45	1.050	0.850	-0.200
35	46	0.750	0.800	0.050
35	47	0.700	1.000	0.300
35	48	1.000	0.650	-0.350
35	49	0.900	0.600	-0.300
50	50	0.800	0.750	-0.050
50	51	0.800	0.600	-0.200
50	52	0.750	1.050	0.300
50	53	0.750	0.750	0.000
50	54	0.550	0.750	0.200
55	55	1.000	0.950	-0.050
55	56	1.000	0.900	-0.100
55	57	0.950	0.900	-0.050
55	58	0.800	0.850	0.050
55	59	1.050	0.900	-0.150
100	60	0.750	0.850	0.100
100	61	0.650	0.500	-0.150
100	62	0.750	0.750	0.000
100	63	0.850	0.750	-0.100
100	64	0.700	0.900	0.200
105	65	0.600	0.950	0.350
105	66	0.600	0.900	0.300
105	67	0.800	0.950	0.150
105	68	0.750	0.800	0.050
105	69	0.800	0.900	0.100
	Max	1.050	1.050	0.350
	Average	0.824	0.824	0.000
	Min	0.550	0.500	-0.350
	Std Dev	0.131	0.130	0.179



	26.1_T_HOLD_RISE/SE										
Test Site											
Tester											
Test Number											
Max Limit	1.5	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.700	0.700	0.600	0.750	0.650	0.550	0.600	0.600	0.850	0.500	0.800
Average	0.767	0.790	0.790	0.870	0.900	0.810	0.780	0.780	0.900	0.750	0.900
Max	0.900	0.850	0.950	1.050	1.000	0.950	1.000	1.050	0.950	0.900	0.950
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

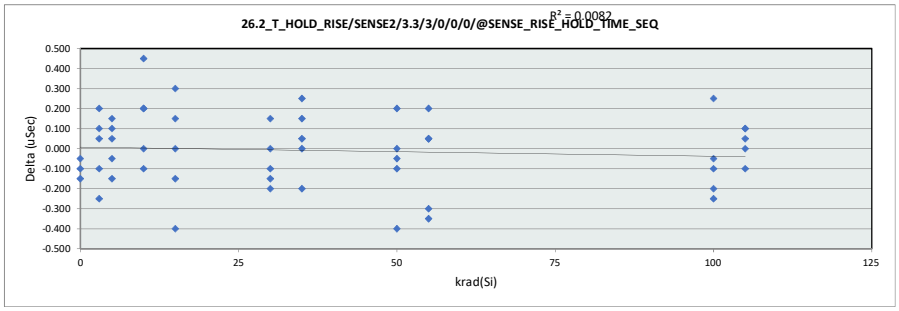


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

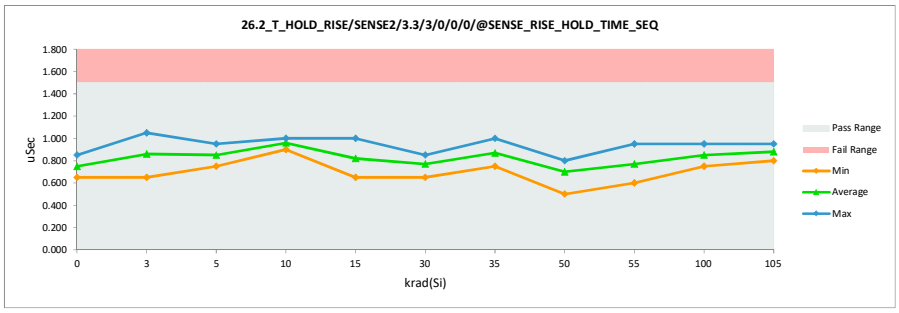
	26.2_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.850	0.750	-0.100
0	14	0.800	0.650	-0.150
0	15	0.900	0.850	-0.050
3	20	0.950	0.850	-0.100
3	21	0.950	1.050	0.100
3	22	0.900	0.650	-0.250
3	23	0.800	0.850	0.050
3	24	0.700	0.900	0.200
5	25	0.900	0.850	-0.050
5	26	0.800	0.950	0.150
5	27	0.700	0.800	0.100
5	28	0.850	0.900	0.050
5	29	0.900	0.750	-0.150
10	30	0.950	0.950	0.000
10	31	0.500	0.950	0.450
10	32	1.000	0.900	-0.100
10	33	0.800	1.000	0.200
10	34	0.800	1.000	0.200
15	35	0.600	0.900	0.300
15	36	0.850	1.000	0.150
15	37	0.800	0.800	0.000
15	38	1.050	0.650	-0.400
15	39	0.900	0.750	-0.150
30	40	1.000	0.850	-0.150
30	41	0.800	0.700	-0.100
30	42	0.850	0.650	-0.200
30	43	0.700	0.850	0.150
30	44	0.800	0.800	0.000
35	45	0.750	1.000	0.250
35	46	0.850	0.850	0.000
35	47	0.850	1.000	0.150
35	48	0.700	0.750	0.050
35	49	0.950	0.750	-0.200
50	50	0.600	0.800	0.200
50	51	0.850	0.750	-0.100
50	52	0.800	0.750	-0.050
50	53	0.900	0.500	-0.400
50	54	0.700	0.700	0.000
55	55	0.900	0.600	-0.300
55	56	0.700	0.750	0.050
55	57	0.900	0.950	0.050
55	58	0.650	0.850	0.200
55	59	1.050	0.700	-0.350
100	60	0.900	0.800	-0.100
100	61	1.000	0.950	-0.050
100	62	1.000	0.800	-0.200
100	63	1.000	0.750	-0.250
100	64	0.700	0.950	0.250
105	65	0.800	0.900	0.100
105	66	0.850	0.850	0.000
105	67	0.900	0.950	0.050
105	68	0.800	0.900	0.100
105	69	0.900	0.800	-0.100
	Max	1.050	1.050	0.450
	Average	0.838	0.828	-0.009
	Min	0.500	0.500	-0.400
	Std Dev	0.119	0.119	0.181



	26.2_T_HOLD_RISE/SE	
Test Site		
Tester		
Test Number		
Max Limit	1.5	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.650	0.650	0.750	0.900	0.650	0.650	0.750	0.500	0.600	0.750	0.800
Average	0.750	0.860	0.850	0.960	0.820	0.770	0.870	0.700	0.770	0.850	0.880
Max	0.850	1.050	0.950	1.000	1.000	0.850	1.000	0.800	0.950	0.950	0.950
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

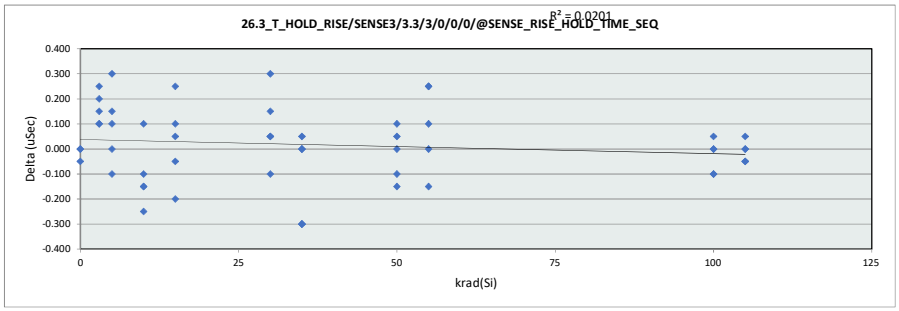


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

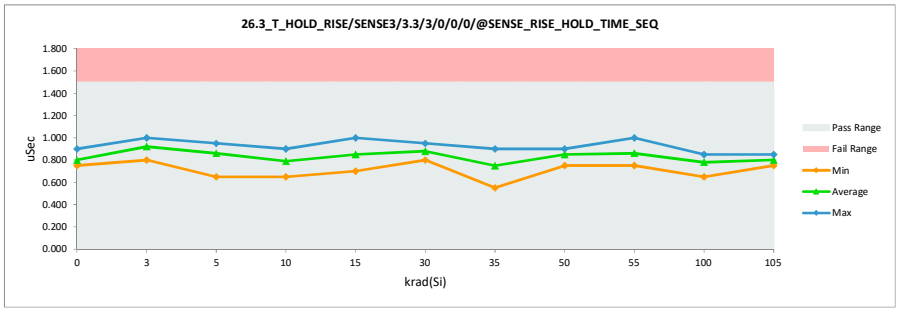
	26.3_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.750	0.750	0.000
0	14	0.800	0.750	-0.050
0	15	0.900	0.900	0.000
3	20	0.850	0.950	0.100
3	21	0.750	0.950	0.200
3	22	0.750	0.900	0.150
3	23	0.900	1.000	0.100
3	24	0.550	0.800	0.250
5	25	0.800	0.900	0.100
5	26	0.800	0.950	0.150
5	27	0.600	0.900	0.300
5	28	0.900	0.900	0.000
5	29	0.750	0.650	-0.100
10	30	0.800	0.650	-0.150
10	31	0.800	0.900	0.100
10	32	0.850	0.750	-0.100
10	33	1.000	0.750	-0.250
10	34	1.050	0.900	-0.150
15	35	0.900	1.000	0.100
15	36	0.600	0.850	0.250
15	37	0.900	0.700	-0.200
15	38	0.850	0.900	0.050
15	39	0.850	0.800	-0.050
30	40	0.600	0.900	0.300
30	41	0.650	0.800	0.150
30	42	1.000	0.900	-0.100
30	43	0.800	0.850	0.050
30	44	0.900	0.950	0.050
35	45	1.000	0.700	-0.300
35	46	0.850	0.550	-0.300
35	47	0.800	0.800	0.000
35	48	0.850	0.900	0.050
35	49	0.800	0.800	0.000
50	50	0.900	0.900	0.000
50	51	0.900	0.750	-0.150
50	52	1.000	0.900	-0.100
50	53	0.700	0.800	0.100
50	54	0.850	0.900	0.050
55	55	0.900	0.750	-0.150
55	56	0.750	0.850	0.100
55	57	0.800	0.800	0.000
55	58	0.750	1.000	0.250
55	59	0.650	0.900	0.250
100	60	0.800	0.800	0.000
100	61	0.850	0.850	0.000
100	62	0.950	0.850	-0.100
100	63	0.850	0.750	-0.100
100	64	0.600	0.650	0.050
105	65	0.800	0.800	0.000
105	66	0.700	0.750	0.050
105	67	0.850	0.800	-0.050
105	68	0.900	0.850	-0.050
105	69	0.800	0.800	0.000
	Max	1.050	1.000	0.300
	Average	0.816	0.832	0.016
	Min	0.550	0.550	-0.300
	Std Dev	0.113	0.097	0.142



	26.3_T_HOLD_RISE/SE	
Test Site		
Tester		
Test Number		
Max Limit	1.5	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.750	0.800	0.650	0.650	0.700	0.800	0.550	0.750	0.750	0.650	0.750
Average	0.800	0.920	0.860	0.790	0.850	0.880	0.750	0.850	0.860	0.780	0.800
Max	0.900	1.000	0.950	0.900	1.000	0.950	0.900	0.900	1.000	0.850	0.850
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

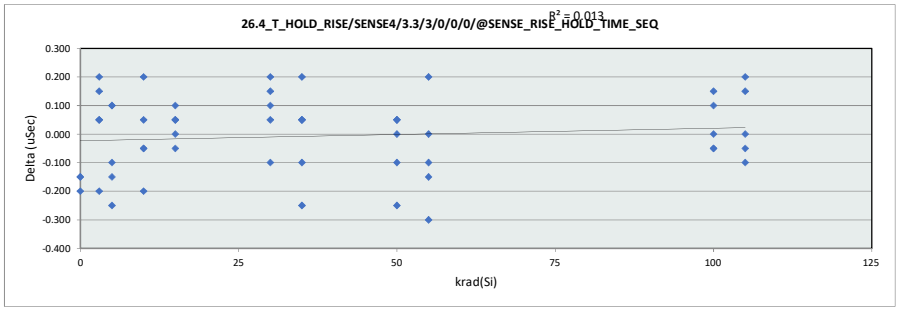


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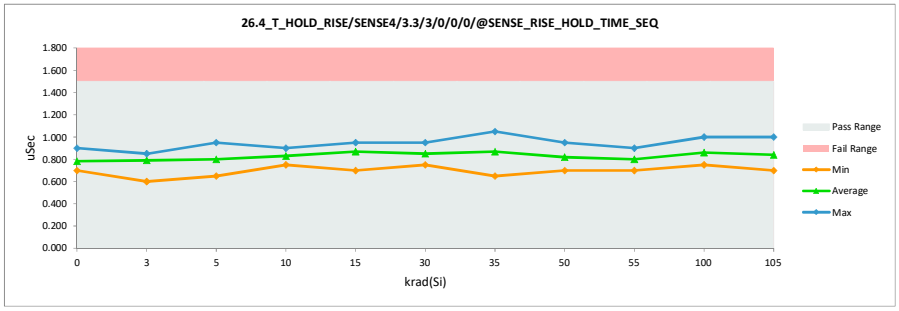
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.4_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.900	0.750	-0.150
0	14	0.900	0.700	-0.200
0	15	1.050	0.900	-0.150
3	20	0.800	0.600	-0.200
3	21	0.800	0.850	0.050
3	22	0.700	0.850	0.150
3	23	0.800	0.850	0.050
3	24	0.600	0.800	0.200
5	25	0.700	0.800	0.100
5	26	0.900	0.650	-0.250
5	27	0.850	0.750	-0.100
5	28	1.000	0.850	-0.150
5	29	0.850	0.950	0.100
10	30	0.800	0.850	0.050
10	31	0.950	0.900	-0.050
10	32	0.600	0.800	0.200
10	33	1.050	0.850	-0.200
10	34	0.800	0.750	-0.050
15	35	0.950	0.950	0.000
15	36	0.750	0.700	-0.050
15	37	0.850	0.950	0.100
15	38	0.750	0.800	0.050
15	39	0.900	0.950	0.050
30	40	0.700	0.850	0.150
30	41	0.800	0.900	0.100
30	42	0.900	0.800	-0.100
30	43	0.700	0.750	0.050
30	44	0.750	0.950	0.200
35	45	0.900	0.950	0.050
35	46	0.900	0.650	-0.250
35	47	0.950	0.850	-0.100
35	48	0.850	1.050	0.200
35	49	0.800	0.850	0.050
50	50	0.650	0.700	0.050
50	51	1.000	0.750	-0.250
50	52	0.950	0.950	0.000
50	53	0.900	0.800	-0.100
50	54	0.850	0.900	0.050
55	55	1.000	0.700	-0.300
55	56	0.950	0.800	-0.150
55	57	0.800	0.800	0.000
55	58	0.700	0.900	0.200
55	59	0.900	0.800	-0.100
100	60	0.900	1.000	0.100
100	61	0.850	0.850	0.000
100	62	0.750	0.900	0.150
100	63	0.800	0.750	-0.050
100	64	0.850	0.800	-0.050
105	65	0.950	0.850	-0.100
105	66	0.650	0.850	0.200
105	67	0.850	1.000	0.150
105	68	0.750	0.700	-0.050
105	69	0.800	0.800	0.000
	Max	1.050	1.050	0.200
	Average	0.837	0.830	-0.007
	Min	0.600	0.600	-0.300
	Std Dev	0.109	0.097	0.136



	26.4_T_HOLD_RISE/SE										
Test Site											
Tester											
Test Number											
Max Limit	1.5	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.700	0.600	0.650	0.750	0.700	0.750	0.650	0.700	0.700	0.750	0.700
Average	0.783	0.790	0.800	0.830	0.870	0.850	0.870	0.820	0.800	0.860	0.840
Max	0.900	0.850	0.950	0.900	0.950	0.950	1.050	0.950	0.900	1.000	1.000
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

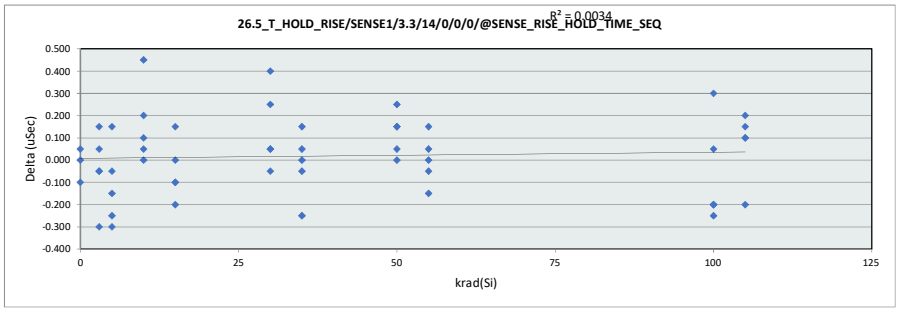


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

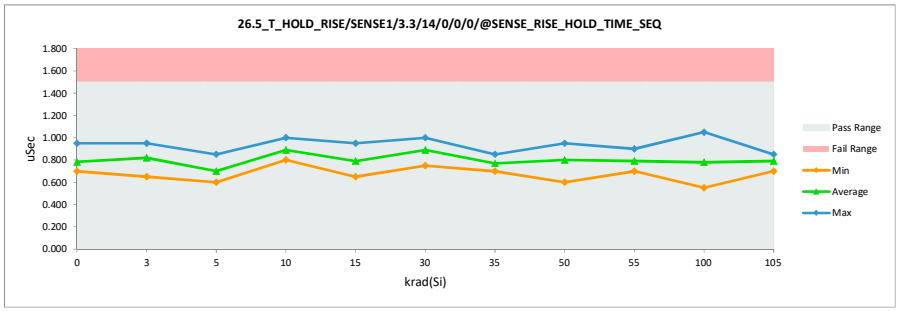
	26.5_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.800	0.700	-0.100
0	14	0.700	0.700	0.000
0	15	0.900	0.950	0.050
3	20	1.000	0.950	-0.050
3	21	0.700	0.750	0.050
3	22	0.850	0.800	-0.050
3	23	0.800	0.950	0.150
3	24	0.950	0.650	-0.300
5	25	0.900	0.600	-0.300
5	26	0.700	0.850	0.150
5	27	0.800	0.750	-0.050
5	28	0.850	0.600	-0.250
5	29	0.850	0.700	-0.150
10	30	0.650	0.850	0.200
10	31	0.900	0.950	0.050
10	32	0.700	0.800	0.100
10	33	0.850	0.850	0.000
10	34	0.550	1.000	0.450
15	35	1.000	0.900	-0.100
15	36	0.950	0.750	-0.200
15	37	0.500	0.650	0.150
15	38	0.800	0.700	-0.100
15	39	0.950	0.950	0.000
30	40	0.450	0.850	0.400
30	41	0.700	0.750	0.050
30	42	0.950	0.900	-0.050
30	43	0.950	1.000	0.050
30	44	0.700	0.950	0.250
35	45	0.700	0.700	0.000
35	46	0.800	0.750	-0.050
35	47	0.700	0.850	0.150
35	48	0.950	0.700	-0.250
35	49	0.800	0.850	0.050
50	50	0.650	0.800	0.150
50	51	0.750	0.900	0.150
50	52	0.700	0.750	0.050
50	53	0.700	0.950	0.250
50	54	0.600	0.600	0.000
55	55	0.750	0.900	0.150
55	56	0.750	0.800	0.050
55	57	0.850	0.800	-0.050
55	58	0.700	0.700	0.000
55	59	0.900	0.750	-0.150
100	60	0.950	0.700	-0.250
100	61	0.900	0.950	0.050
100	62	0.750	0.550	-0.200
100	63	0.750	1.050	0.300
100	64	0.850	0.650	-0.200
105	65	0.650	0.850	0.200
105	66	0.900	0.700	-0.200
105	67	0.750	0.850	0.100
105	68	0.550	0.700	0.150
105	69	0.750	0.850	0.100
	Max	1.000	1.050	0.450
	Average	0.783	0.801	0.018
	Min	0.450	0.550	-0.300
	Std Dev	0.129	0.120	0.169



	26.5_T_HOLD_RISE/SE	
Test Site		
Tester		
Test Number		
Max Limit	1.5	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.700	0.650	0.600	0.800	0.650	0.750	0.700	0.600	0.700	0.550	0.700
Average	0.783	0.820	0.700	0.890	0.790	0.890	0.770	0.800	0.790	0.780	0.790
Max	0.950	0.950	0.850	1.000	0.950	1.000	0.850	0.950	0.900	1.050	0.850
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

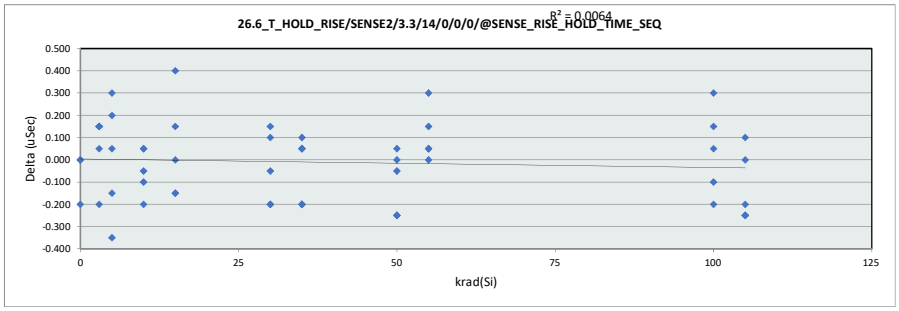


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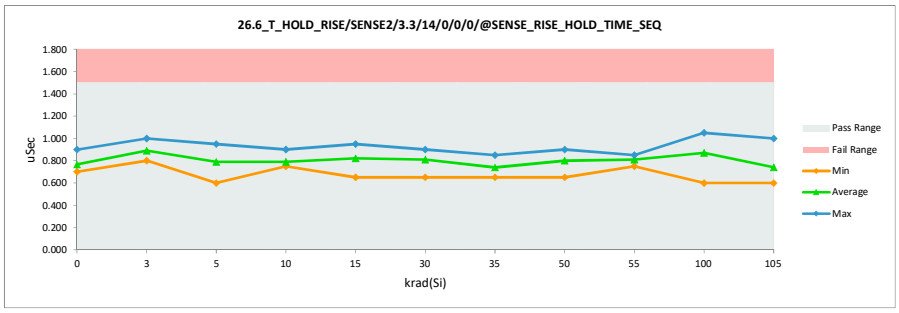
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.6_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.700	0.700	0.000
0	14	0.900	0.900	0.000
0	15	0.900	0.700	-0.200
3	20	0.750	0.900	0.150
3	21	0.850	1.000	0.150
3	22	0.900	0.950	0.050
3	23	1.000	0.800	-0.200
3	24	0.650	0.800	0.150
5	25	0.600	0.800	0.200
5	26	0.950	0.600	-0.350
5	27	0.650	0.950	0.300
5	28	0.900	0.750	-0.150
5	29	0.800	0.850	0.050
10	30	0.950	0.750	-0.200
10	31	0.850	0.800	-0.050
10	32	0.850	0.900	0.050
10	33	0.700	0.750	0.050
10	34	0.850	0.750	-0.100
15	35	0.650	0.800	0.150
15	36	0.900	0.900	0.000
15	37	0.550	0.950	0.400
15	38	0.950	0.800	-0.150
15	39	0.800	0.650	-0.150
30	40	0.750	0.900	0.150
30	41	0.850	0.650	-0.200
30	42	1.000	0.800	-0.200
30	43	0.850	0.800	-0.050
30	44	0.800	0.900	0.100
35	45	0.950	0.750	-0.200
35	46	0.750	0.850	0.100
35	47	0.600	0.650	0.050
35	48	0.700	0.750	0.050
35	49	0.900	0.700	-0.200
50	50	0.850	0.900	0.050
50	51	0.900	0.900	0.000
50	52	1.050	0.800	-0.250
50	53	0.700	0.650	-0.050
50	54	1.000	0.750	-0.250
55	55	0.800	0.850	0.050
55	56	0.550	0.850	0.300
55	57	0.700	0.750	0.050
55	58	0.600	0.750	0.150
55	59	0.850	0.850	0.000
100	60	0.800	0.950	0.150
100	61	0.700	1.000	0.300
100	62	0.800	0.600	-0.200
100	63	1.000	1.050	0.050
100	64	0.850	0.750	-0.100
105	65	0.900	1.000	0.100
105	66	0.850	0.650	-0.200
105	67	0.850	0.600	-0.250
105	68	0.900	0.650	-0.250
105	69	0.800	0.800	0.000
	Max	1.050	1.050	0.400
	Average	0.815	0.804	-0.011
	Min	0.550	0.600	-0.350
	Std Dev	0.124	0.114	0.170



	26.6_T_HOLD_RISE/SE										
Test Site											
Tester											
Test Number											
Max Limit	1.5	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.700	0.800	0.600	0.750	0.650	0.650	0.650	0.650	0.750	0.600	0.600
Average	0.767	0.890	0.790	0.790	0.820	0.810	0.740	0.800	0.810	0.870	0.740
Max	0.900	1.000	0.950	0.900	0.950	0.900	0.850	0.900	0.850	1.050	1.000
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

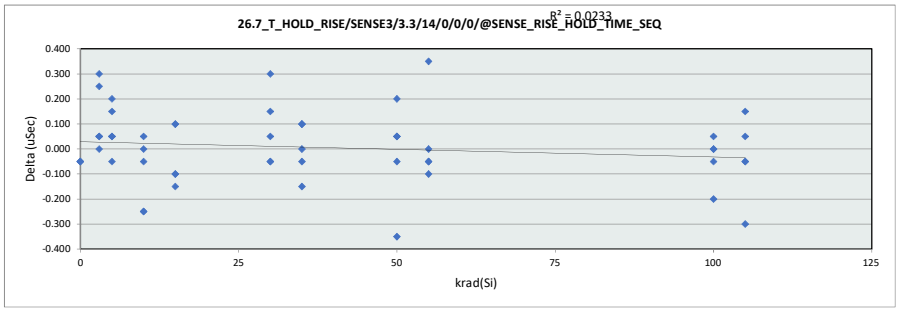


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

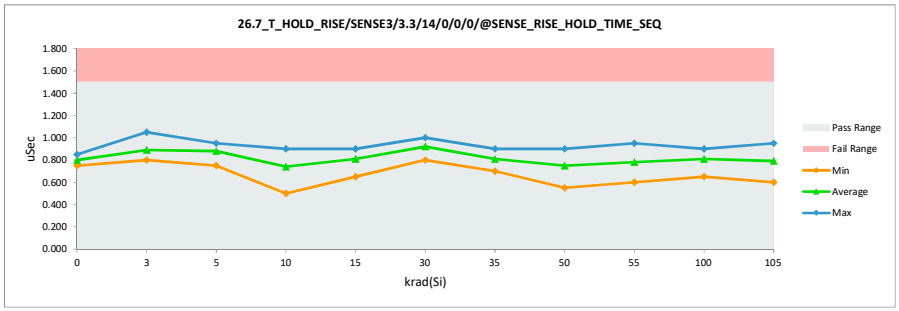
	26.7_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.800	0.750	-0.050
0	14	0.900	0.850	-0.050
0	15	0.850	0.800	-0.050
3	20	0.750	0.800	0.050
3	21	0.750	1.050	0.300
3	22	0.800	0.800	0.000
3	23	0.850	0.900	0.050
3	24	0.650	0.900	0.250
5	25	0.700	0.750	0.050
5	26	0.900	0.950	0.050
5	27	0.950	0.900	-0.050
5	28	0.700	0.900	0.200
5	29	0.750	0.900	0.150
10	30	0.750	0.500	-0.250
10	31	0.850	0.900	0.050
10	32	0.800	0.800	0.000
10	33	0.900	0.850	-0.050
10	34	0.900	0.650	-0.250
15	35	0.950	0.850	-0.100
15	36	0.800	0.900	0.100
15	37	0.750	0.650	-0.100
15	38	1.000	0.850	-0.150
15	39	0.700	0.800	0.100
30	40	1.050	1.000	-0.050
30	41	0.650	0.950	0.300
30	42	0.850	1.000	0.150
30	43	0.850	0.800	-0.050
30	44	0.800	0.850	0.050
35	45	0.800	0.900	0.100
35	46	0.850	0.800	-0.050
35	47	0.750	0.850	0.100
35	48	0.850	0.700	-0.150
35	49	0.800	0.800	0.000
50	50	0.700	0.900	0.200
50	51	0.900	0.550	-0.350
50	52	0.800	0.850	0.050
50	53	0.550	0.600	0.050
50	54	0.900	0.850	-0.050
55	55	0.850	0.750	-0.100
55	56	0.850	0.800	-0.050
55	57	0.800	0.800	0.000
55	58	0.650	0.600	-0.050
55	59	0.600	0.950	0.350
100	60	0.850	0.900	0.050
100	61	0.900	0.900	0.000
100	62	0.750	0.750	0.000
100	63	0.850	0.650	-0.200
100	64	0.900	0.850	-0.050
105	65	0.800	0.750	-0.050
105	66	0.850	0.800	-0.050
105	67	0.900	0.950	0.050
105	68	0.700	0.850	0.150
105	69	0.900	0.600	-0.300
	Max	1.050	1.050	0.350
	Average	0.811	0.817	0.006
	Min	0.550	0.500	-0.350
	Std Dev	0.099	0.117	0.143



	26.7_T_HOLD_RISE/SE	
Test Site		
Tester		
Test Number		
Max Limit	1.5	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.750	0.800	0.750	0.500	0.650	0.800	0.700	0.550	0.600	0.650	0.600
Average	0.800	0.890	0.880	0.740	0.810	0.920	0.810	0.750	0.780	0.810	0.790
Max	0.850	1.050	0.950	0.900	0.900	1.000	0.900	0.900	0.950	0.900	0.950
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

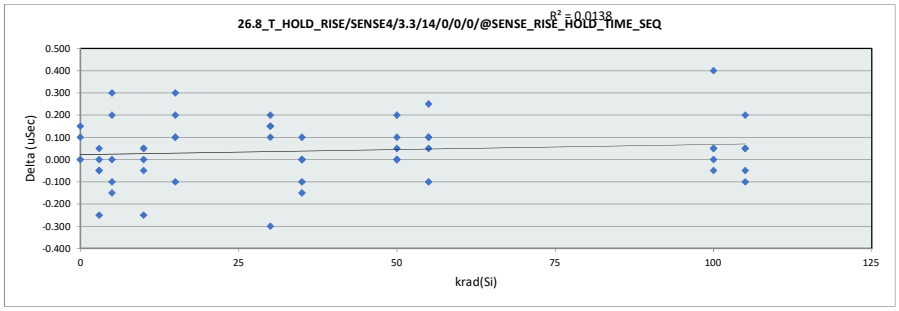


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

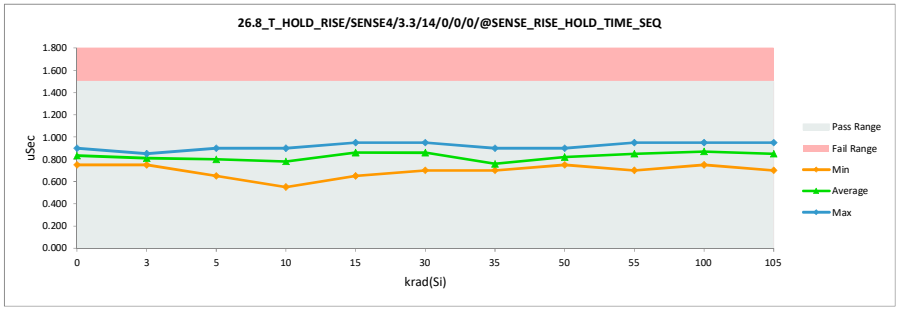
	26.8_T_HOLD_RISE/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1.6	1.5
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.600	0.750	0.150
0	14	0.800	0.900	0.100
0	15	0.850	0.850	0.000
3	20	0.750	0.800	0.050
3	21	0.900	0.850	-0.050
3	22	1.000	0.750	-0.250
3	23	0.850	0.800	-0.050
3	24	0.850	0.850	0.000
5	25	0.600	0.900	0.300
5	26	0.950	0.800	-0.150
5	27	0.900	0.800	-0.100
5	28	0.650	0.650	0.000
5	29	0.650	0.850	0.200
10	30	0.700	0.750	0.050
10	31	0.800	0.550	-0.250
10	32	0.850	0.900	0.050
10	33	0.950	0.900	-0.050
10	34	0.800	0.800	0.000
15	35	0.800	0.900	0.100
15	36	0.800	0.900	0.100
15	37	0.650	0.950	0.300
15	38	0.750	0.650	-0.100
15	39	0.700	0.900	0.200
30	40	0.700	0.900	0.200
30	41	1.000	0.700	-0.300
30	42	0.750	0.850	0.100
30	43	0.750	0.900	0.150
30	44	0.800	0.950	0.150
35	45	0.800	0.900	0.100
35	46	0.850	0.700	-0.150
35	47	0.750	0.750	0.000
35	48	0.700	0.700	0.000
35	49	0.850	0.750	-0.100
50	50	0.700	0.800	0.100
50	51	0.750	0.750	0.000
50	52	0.650	0.850	0.200
50	53	0.750	0.800	0.050
50	54	0.900	0.900	0.000
55	55	0.800	0.700	-0.100
55	56	0.850	0.900	0.050
55	57	0.850	0.950	0.100
55	58	0.650	0.900	0.250
55	59	0.700	0.800	0.100
100	60	0.900	0.950	0.050
100	61	0.900	0.850	-0.050
100	62	0.550	0.950	0.400
100	63	0.850	0.850	0.000
100	64	0.700	0.750	0.050
105	65	0.750	0.800	0.050
105	66	0.800	0.700	-0.100
105	67	0.850	0.900	0.050
105	68	0.750	0.950	0.200
105	69	0.950	0.900	-0.050
	Max	1.000	0.950	0.400
	Average	0.787	0.826	0.040
	Min	0.550	0.550	-0.300
	Std Dev	0.104	0.092	0.139



	26.8_T_HOLD_RISE/SE	
Test Site		
Tester		
Test Number		
Max Limit	1.5	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.750	0.750	0.650	0.550	0.650	0.700	0.700	0.750	0.700	0.750	0.700
Average	0.833	0.810	0.800	0.780	0.860	0.860	0.760	0.820	0.850	0.870	0.850
Max	0.900	0.850	0.900	0.900	0.950	0.950	0.900	0.900	0.950	0.950	0.950
UL	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

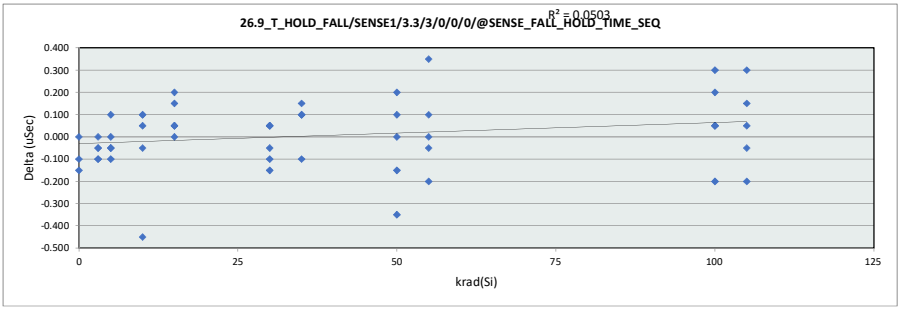


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

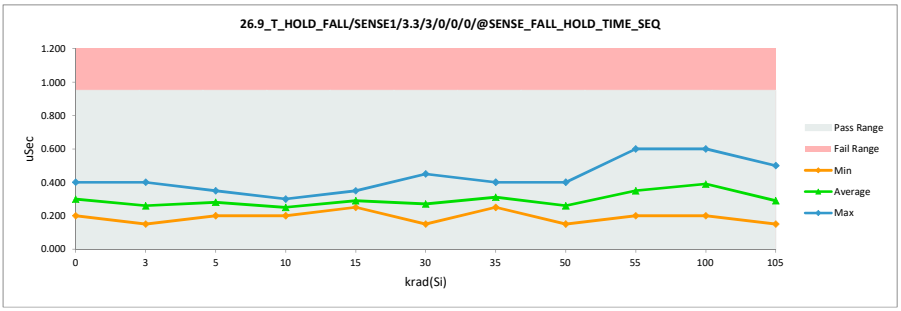
	26.9_T_HOLD_FALL/SEN	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.350	0.200	-0.150
0	14	0.500	0.400	-0.100
0	15	0.300	0.300	0.000
3	20	0.350	0.250	-0.100
3	21	0.400	0.300	-0.100
3	22	0.250	0.200	-0.050
3	23	0.200	0.150	-0.050
3	24	0.400	0.400	0.000
5	25	0.350	0.250	-0.100
5	26	0.300	0.250	-0.050
5	27	0.350	0.350	0.000
5	28	0.250	0.350	0.100
5	29	0.250	0.200	-0.050
10	30	0.150	0.250	0.100
10	31	0.650	0.200	-0.450
10	32	0.200	0.300	0.100
10	33	0.250	0.300	0.050
10	34	0.250	0.200	-0.050
15	35	0.250	0.250	0.000
15	36	0.150	0.300	0.150
15	37	0.250	0.300	0.050
15	38	0.150	0.350	0.200
15	39	0.200	0.250	0.050
30	40	0.250	0.300	0.050
30	41	0.300	0.200	-0.100
30	42	0.300	0.150	-0.150
30	43	0.400	0.450	0.050
30	44	0.300	0.250	-0.050
35	45	0.150	0.250	0.100
35	46	0.150	0.300	0.150
35	47	0.400	0.300	-0.100
35	48	0.300	0.400	0.100
35	49	0.200	0.300	0.100
50	50	0.350	0.200	-0.150
50	51	0.200	0.300	0.100
50	52	0.200	0.400	0.200
50	53	0.500	0.150	-0.350
50	54	0.250	0.250	0.000
55	55	0.200	0.300	0.100
55	56	0.250	0.600	0.350
55	57	0.500	0.300	-0.200
55	58	0.350	0.350	0.000
55	59	0.250	0.200	-0.050
100	60	0.200	0.500	0.300
100	61	0.400	0.200	-0.200
100	62	0.300	0.350	0.050
100	63	0.400	0.600	0.200
100	64	0.250	0.300	0.050
105	65	0.400	0.200	-0.200
105	66	0.200	0.350	0.150
105	67	0.200	0.500	0.300
105	68	0.200	0.150	-0.050
105	69	0.200	0.250	0.050
	Max	0.650	0.600	0.350
	Average	0.289	0.295	0.007
	Min	0.150	0.150	-0.450
	Std Dev	0.106	0.103	0.151



	26.9_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Max Limit	0.95	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.200	0.150	0.200	0.200	0.250	0.150	0.250	0.150	0.200	0.200	0.150
Average	0.300	0.260	0.280	0.250	0.290	0.270	0.310	0.260	0.350	0.390	0.290
Max	0.400	0.400	0.350	0.300	0.350	0.450	0.400	0.400	0.600	0.600	0.500
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

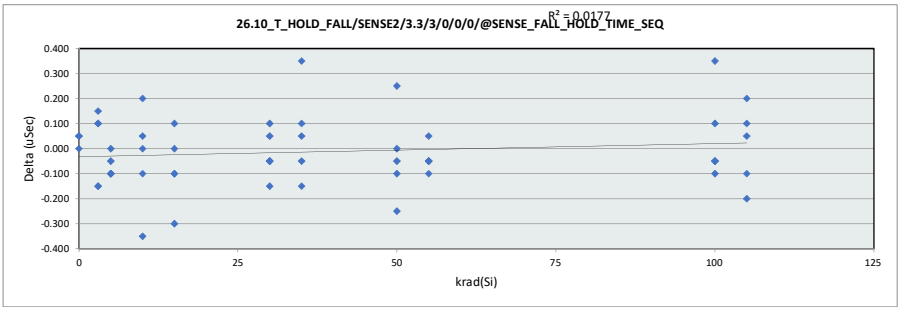


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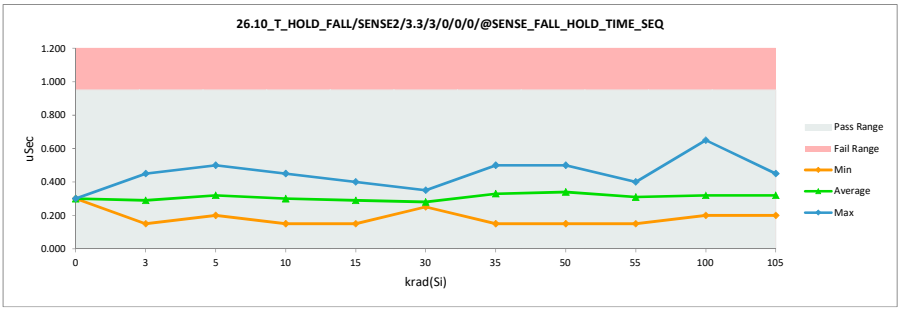
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.10_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.250	0.300	0.050
0	14	0.250	0.300	0.050
0	15	0.300	0.300	0.000
3	20	0.300	0.150	-0.150
3	21	0.300	0.150	-0.150
3	22	0.300	0.400	0.100
3	23	0.350	0.450	0.100
3	24	0.150	0.300	0.150
5	25	0.300	0.200	-0.100
5	26	0.350	0.300	-0.050
5	27	0.450	0.350	-0.100
5	28	0.350	0.250	-0.100
5	29	0.500	0.500	0.000
10	30	0.200	0.250	0.050
10	31	0.500	0.150	-0.350
10	32	0.250	0.250	0.000
10	33	0.250	0.450	0.200
10	34	0.500	0.400	-0.100
15	35	0.200	0.200	0.000
15	36	0.300	0.400	0.100
15	37	0.450	0.150	-0.300
15	38	0.450	0.350	-0.100
15	39	0.450	0.350	-0.100
30	40	0.200	0.250	0.050
30	41	0.150	0.250	0.100
30	42	0.450	0.300	-0.150
30	43	0.400	0.350	-0.050
30	44	0.300	0.250	-0.050
35	45	0.200	0.150	-0.050
35	46	0.300	0.400	0.100
35	47	0.500	0.350	-0.150
35	48	0.200	0.250	0.050
35	49	0.150	0.500	0.350
50	50	0.250	0.150	-0.100
50	51	0.700	0.450	-0.250
50	52	0.350	0.350	0.000
50	53	0.300	0.250	-0.050
50	54	0.250	0.500	0.250
55	55	0.350	0.300	-0.050
55	56	0.350	0.400	0.050
55	57	0.450	0.350	-0.100
55	58	0.400	0.350	-0.050
55	59	0.200	0.150	-0.050
100	60	0.250	0.200	-0.050
100	61	0.200	0.300	0.100
100	62	0.250	0.200	-0.050
100	63	0.350	0.250	-0.100
100	64	0.300	0.650	0.350
105	65	0.250	0.300	0.050
105	66	0.350	0.450	0.100
105	67	0.500	0.300	-0.200
105	68	0.150	0.350	0.200
105	69	0.300	0.200	-0.100
	Max	0.700	0.650	0.350
	Average	0.322	0.309	-0.012
	Min	0.150	0.150	-0.350
	Std Dev	0.115	0.110	0.140



	26.10_T_HOLD_FALL/S										
Test Site											
Tester											
Test Number											
Max Limit	0.95	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.300	0.150	0.200	0.150	0.150	0.250	0.150	0.150	0.150	0.200	0.200
Average	0.300	0.290	0.320	0.300	0.290	0.280	0.330	0.340	0.310	0.320	0.320
Max	0.300	0.450	0.500	0.450	0.400	0.350	0.500	0.500	0.400	0.650	0.450
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

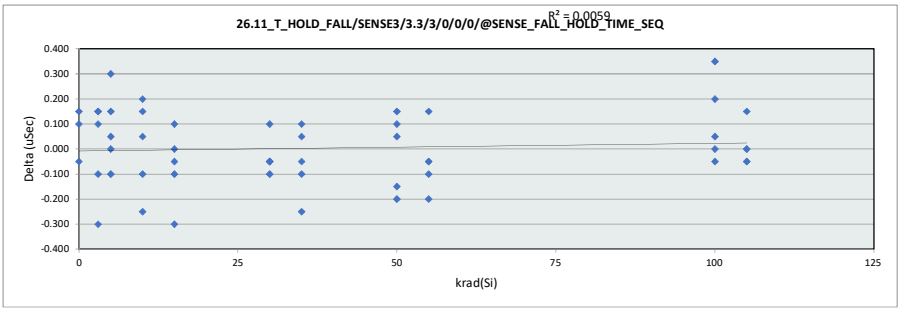


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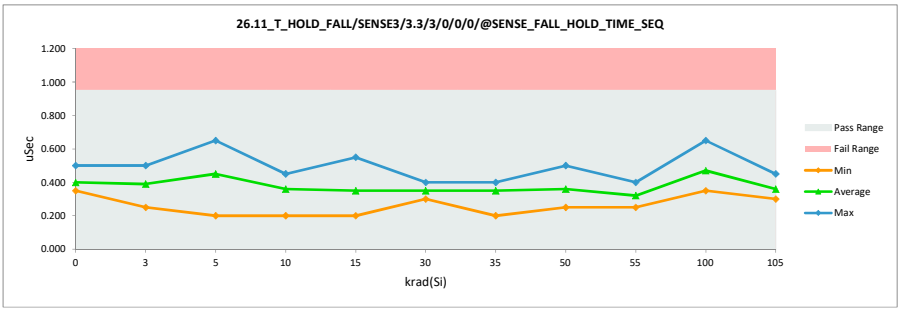
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.11_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.200	0.350	0.150
0	14	0.400	0.350	-0.050
0	15	0.400	0.500	0.100
3	20	0.300	0.450	0.150
3	21	0.550	0.250	-0.300
3	22	0.300	0.400	0.100
3	23	0.350	0.500	0.150
3	24	0.450	0.350	-0.100
5	25	0.500	0.550	0.050
5	26	0.500	0.650	0.150
5	27	0.400	0.300	-0.100
5	28	0.200	0.200	0.000
5	29	0.250	0.550	0.300
10	30	0.450	0.350	-0.100
10	31	0.300	0.450	0.150
10	32	0.350	0.400	0.050
10	33	0.200	0.400	0.200
10	34	0.450	0.200	-0.250
15	35	0.250	0.200	-0.050
15	36	0.450	0.550	0.100
15	37	0.350	0.250	-0.100
15	38	0.400	0.400	0.000
15	39	0.650	0.350	-0.300
30	40	0.350	0.300	-0.050
30	41	0.250	0.350	0.100
30	42	0.400	0.350	-0.050
30	43	0.500	0.400	-0.100
30	44	0.400	0.350	-0.050
35	45	0.450	0.400	-0.050
35	46	0.450	0.200	-0.250
35	47	0.300	0.400	0.100
35	48	0.500	0.400	-0.100
35	49	0.300	0.350	0.050
50	50	0.300	0.350	0.050
50	51	0.400	0.500	0.100
50	52	0.400	0.250	-0.150
50	53	0.200	0.350	0.150
50	54	0.550	0.350	-0.200
55	55	0.300	0.250	-0.050
55	56	0.250	0.400	0.150
55	57	0.500	0.400	-0.100
55	58	0.350	0.300	-0.050
55	59	0.450	0.250	-0.200
100	60	0.300	0.500	0.200
100	61	0.350	0.400	0.050
100	62	0.350	0.350	0.000
100	63	0.500	0.450	-0.050
100	64	0.300	0.650	0.350
105	65	0.300	0.300	0.000
105	66	0.350	0.300	-0.050
105	67	0.450	0.400	-0.050
105	68	0.350	0.350	0.000
105	69	0.300	0.450	0.150
	Max	0.650	0.650	0.350
	Average	0.374	0.377	0.004
	Min	0.200	0.200	-0.300
	Std Dev	0.101	0.105	0.142



	26.11_T_HOLD_FALL/S										
Test Site											
Tester											
Test Number											
Max Limit	0.95	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.350	0.250	0.200	0.200	0.200	0.300	0.200	0.250	0.250	0.350	0.300
Average	0.400	0.390	0.450	0.360	0.350	0.350	0.350	0.360	0.320	0.470	0.360
Max	0.500	0.500	0.650	0.450	0.550	0.400	0.400	0.500	0.400	0.650	0.450
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

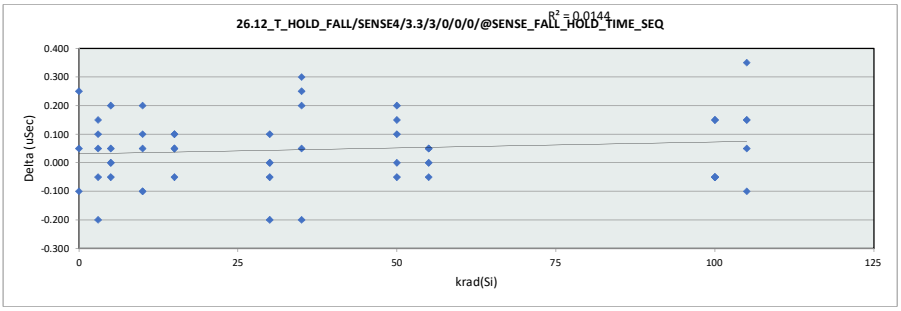


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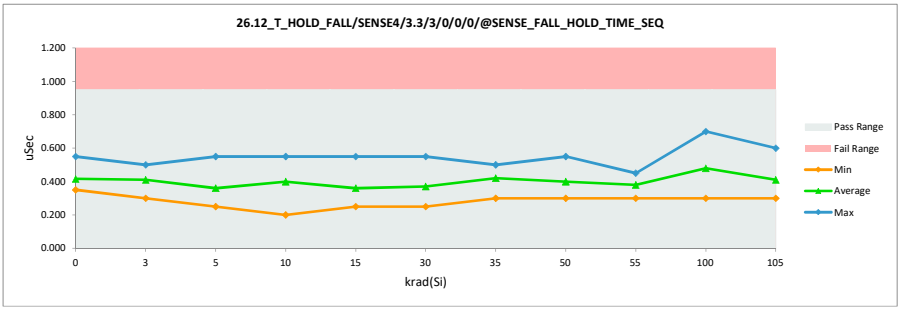
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.12_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.300	0.350	0.050
0	14	0.300	0.550	0.250
0	15	0.450	0.350	-0.100
3	20	0.500	0.300	-0.200
3	21	0.400	0.450	0.050
3	22	0.400	0.500	0.100
3	23	0.350	0.300	-0.050
3	24	0.350	0.500	0.150
5	25	0.300	0.300	0.000
5	26	0.350	0.350	0.000
5	27	0.300	0.250	-0.050
5	28	0.350	0.550	0.200
5	29	0.300	0.350	0.050
10	30	0.200	0.400	0.200
10	31	0.400	0.450	0.050
10	32	0.300	0.200	-0.100
10	33	0.500	0.400	-0.100
10	34	0.450	0.550	0.100
15	35	0.300	0.250	-0.050
15	36	0.450	0.550	0.100
15	37	0.250	0.300	0.050
15	38	0.300	0.350	0.050
15	39	0.250	0.350	0.100
30	40	0.350	0.300	-0.050
30	41	0.600	0.400	-0.200
30	42	0.550	0.550	0.000
30	43	0.250	0.350	0.100
30	44	0.250	0.250	0.000
35	45	0.250	0.300	0.050
35	46	0.250	0.500	0.250
35	47	0.250	0.450	0.200
35	48	0.200	0.500	0.300
35	49	0.550	0.350	-0.200
50	50	0.350	0.300	-0.050
50	51	0.350	0.550	0.200
50	52	0.350	0.350	0.000
50	53	0.300	0.400	0.100
50	54	0.250	0.400	0.150
55	55	0.400	0.350	-0.050
55	56	0.400	0.400	0.000
55	57	0.300	0.300	0.000
55	58	0.350	0.400	0.050
55	59	0.400	0.450	0.050
100	60	0.350	0.500	0.150
100	61	0.550	0.500	-0.050
100	62	0.450	0.400	-0.050
100	63	0.350	0.300	-0.050
100	64	0.550	0.700	0.150
105	65	0.250	0.300	0.050
105	66	0.200	0.350	0.150
105	67	0.350	0.500	0.150
105	68	0.250	0.600	0.350
105	69	0.400	0.300	-0.100
	Max	0.600	0.700	0.350
	Average	0.353	0.400	0.047
	Min	0.200	0.200	-0.200
	Std Dev	0.100	0.107	0.123



	26.12_T_HOLD_FALL/S										
Test Site											
Tester											
Test Number											
Max Limit	0.95	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.350	0.300	0.250	0.200	0.250	0.250	0.300	0.300	0.300	0.300	0.300
Average	0.417	0.410	0.360	0.400	0.360	0.370	0.420	0.400	0.380	0.480	0.410
Max	0.550	0.500	0.550	0.550	0.550	0.550	0.500	0.550	0.450	0.700	0.600
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

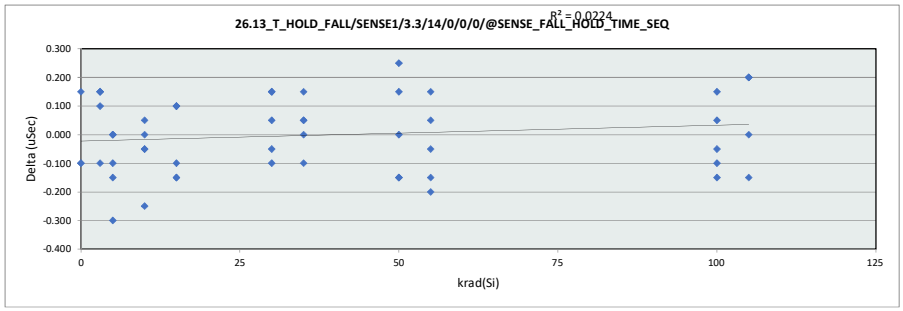


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

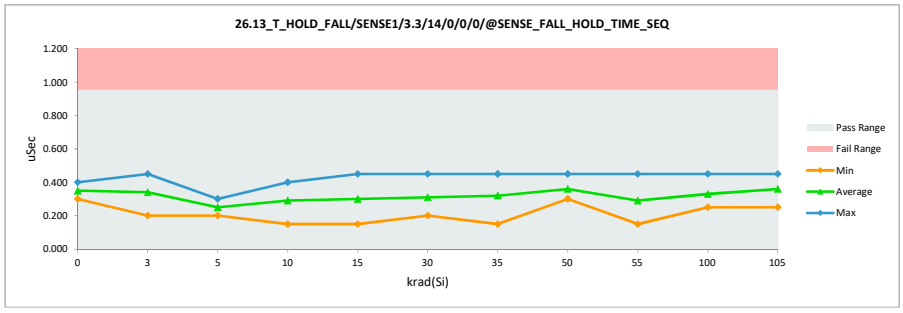
	26.13_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.450	0.350	-0.100
0	14	0.400	0.300	-0.100
0	15	0.250	0.400	0.150
3	20	0.250	0.350	0.100
3	21	0.300	0.200	-0.100
3	22	0.300	0.450	0.150
3	23	0.200	0.350	0.150
3	24	0.200	0.350	0.150
5	25	0.350	0.250	-0.100
5	26	0.200	0.200	0.000
5	27	0.550	0.250	-0.300
5	28	0.450	0.300	-0.150
5	29	0.250	0.250	0.000
10	30	0.450	0.400	-0.050
10	31	0.350	0.300	-0.050
10	32	0.400	0.150	-0.250
10	33	0.300	0.300	0.000
10	34	0.250	0.300	0.050
15	35	0.250	0.150	-0.100
15	36	0.550	0.400	-0.150
15	37	0.200	0.300	0.100
15	38	0.350	0.200	-0.150
15	39	0.350	0.450	0.100
30	40	0.300	0.450	0.150
30	41	0.300	0.350	0.050
30	42	0.300	0.200	-0.100
30	43	0.250	0.200	-0.050
30	44	0.200	0.350	0.150
35	45	0.350	0.400	0.050
35	46	0.300	0.450	0.150
35	47	0.350	0.400	0.050
35	48	0.150	0.150	0.000
35	49	0.300	0.200	-0.100
50	50	0.350	0.350	0.000
50	51	0.200	0.450	0.250
50	52	0.200	0.350	0.150
50	53	0.500	0.350	-0.150
50	54	0.450	0.300	-0.150
55	55	0.300	0.450	0.150
55	56	0.250	0.300	0.050
55	57	0.200	0.150	-0.050
55	58	0.400	0.250	-0.150
55	59	0.500	0.300	-0.200
100	60	0.400	0.450	0.050
100	61	0.400	0.250	-0.150
100	62	0.300	0.250	-0.050
100	63	0.200	0.350	0.150
100	64	0.450	0.350	-0.100
105	65	0.400	0.250	-0.150
105	66	0.200	0.400	0.200
105	67	0.250	0.450	0.200
105	68	0.250	0.250	0.000
105	69	0.250	0.450	0.200
	Max	0.550	0.450	0.250
	Average	0.318	0.317	-0.001
	Min	0.150	0.150	-0.300
	Std Dev	0.101	0.092	0.133



	26.13_T_HOLD_FALL/S	
Test Site		
Tester		
Test Number		
Max Limit	0.95	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.300	0.200	0.200	0.150	0.150	0.200	0.150	0.300	0.150	0.250	0.250
Average	0.350	0.340	0.250	0.290	0.300	0.310	0.320	0.360	0.290	0.330	0.360
Max	0.400	0.450	0.300	0.400	0.450	0.450	0.450	0.450	0.450	0.450	0.450
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

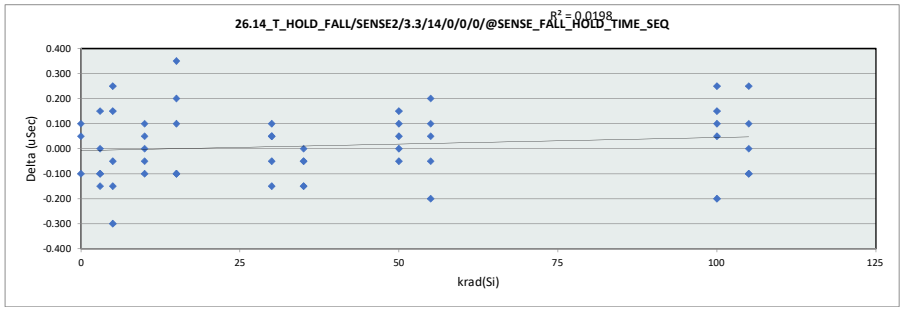


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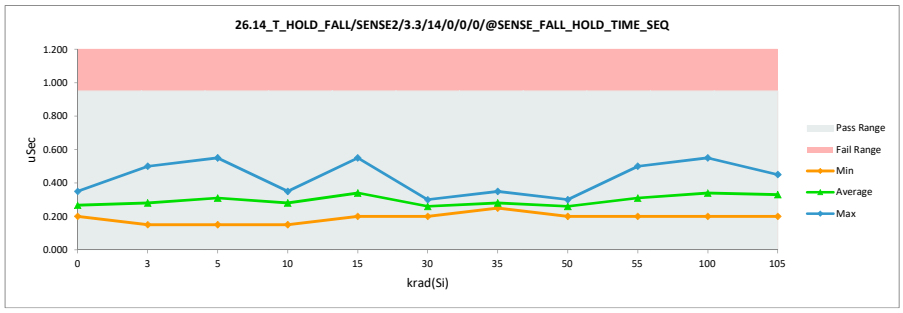
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.14_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.200	0.250	0.050
0	14	0.300	0.200	-0.100
0	15	0.250	0.350	0.100
3	20	0.350	0.500	0.150
3	21	0.250	0.150	-0.100
3	22	0.300	0.200	-0.100
3	23	0.350	0.350	0.000
3	24	0.350	0.200	-0.150
5	25	0.350	0.300	-0.050
5	26	0.300	0.550	0.250
5	27	0.200	0.350	0.150
5	28	0.500	0.200	-0.300
5	29	0.300	0.150	-0.150
10	30	0.300	0.350	0.050
10	31	0.300	0.250	-0.050
10	32	0.250	0.350	0.100
10	33	0.300	0.300	0.000
10	34	0.250	0.150	-0.100
15	35	0.200	0.550	0.350
15	36	0.300	0.200	-0.100
15	37	0.250	0.350	0.100
15	38	0.200	0.400	0.200
15	39	0.300	0.200	-0.100
30	40	0.250	0.300	0.050
30	41	0.350	0.300	-0.050
30	42	0.150	0.200	0.050
30	43	0.200	0.300	0.100
30	44	0.350	0.200	-0.150
35	45	0.500	0.350	-0.150
35	46	0.300	0.250	-0.050
35	47	0.250	0.250	0.000
35	48	0.300	0.250	-0.050
35	49	0.450	0.300	-0.150
50	50	0.200	0.200	0.000
50	51	0.250	0.300	0.050
50	52	0.250	0.200	-0.050
50	53	0.150	0.300	0.150
50	54	0.200	0.300	0.100
55	55	0.200	0.400	0.200
55	56	0.250	0.200	-0.050
55	57	0.150	0.250	0.100
55	58	0.450	0.500	0.050
55	59	0.400	0.200	-0.200
100	60	0.150	0.200	0.050
100	61	0.300	0.550	0.250
100	62	0.200	0.300	0.100
100	63	0.300	0.450	0.150
100	64	0.400	0.200	-0.200
105	65	0.200	0.450	0.250
105	66	0.300	0.200	-0.100
105	67	0.350	0.350	0.000
105	68	0.300	0.200	-0.100
105	69	0.350	0.450	0.100
	Max	0.500	0.550	0.350
	Average	0.285	0.297	0.012
	Min	0.150	0.150	-0.300
	Std Dev	0.084	0.109	0.135



	26.14_T_HOLD_FALL/S										
Test Site											
Tester											
Test Number											
Max Limit	0.95	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.200	0.150	0.150	0.150	0.200	0.200	0.250	0.200	0.200	0.200	0.200
Average	0.267	0.280	0.310	0.280	0.340	0.260	0.280	0.260	0.310	0.340	0.330
Max	0.350	0.500	0.550	0.350	0.550	0.300	0.350	0.300	0.500	0.550	0.450
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

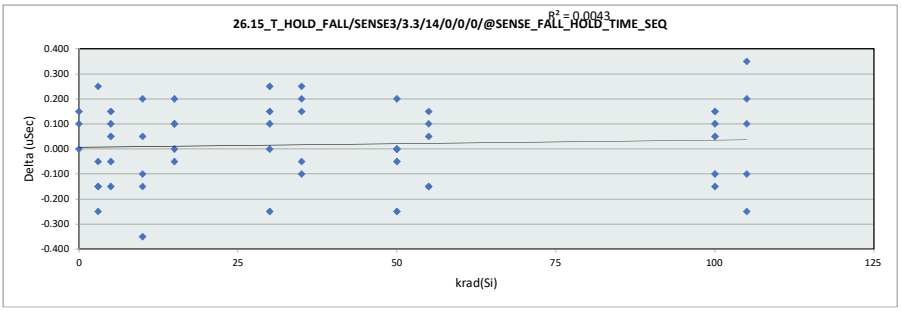


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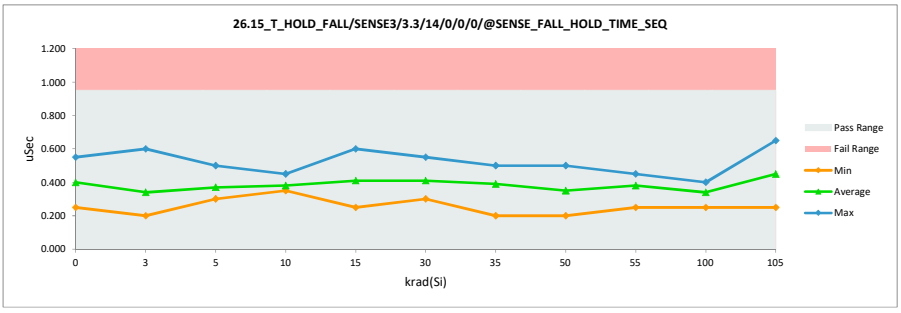
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.15_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.250	0.250	0.000
0	14	0.450	0.550	0.100
0	15	0.250	0.400	0.150
3	20	0.450	0.300	-0.150
3	21	0.450	0.200	-0.250
3	22	0.400	0.350	-0.050
3	23	0.350	0.600	0.250
3	24	0.400	0.250	-0.150
5	25	0.400	0.350	-0.050
5	26	0.250	0.300	0.050
5	27	0.250	0.400	0.150
5	28	0.450	0.300	-0.150
5	29	0.400	0.500	0.100
10	30	0.350	0.400	0.050
10	31	0.250	0.450	0.200
10	32	0.700	0.350	-0.350
10	33	0.450	0.350	-0.100
10	34	0.500	0.350	-0.150
15	35	0.350	0.450	0.100
15	36	0.300	0.400	0.100
15	37	0.350	0.350	0.000
15	38	0.300	0.250	-0.050
15	39	0.400	0.600	0.200
30	40	0.300	0.550	0.250
30	41	0.300	0.450	0.150
30	42	0.300	0.400	0.100
30	43	0.600	0.350	-0.250
30	44	0.300	0.300	0.000
35	45	0.250	0.400	0.150
35	46	0.250	0.500	0.250
35	47	0.300	0.500	0.200
35	48	0.300	0.200	-0.100
35	49	0.400	0.350	-0.050
50	50	0.250	0.450	0.200
50	51	0.200	0.200	0.000
50	52	0.350	0.350	0.000
50	53	0.500	0.250	-0.250
50	54	0.550	0.500	-0.050
55	55	0.400	0.250	-0.150
55	56	0.350	0.450	0.100
55	57	0.300	0.450	0.150
55	58	0.500	0.350	-0.150
55	59	0.350	0.400	0.050
100	60	0.250	0.400	0.150
100	61	0.300	0.400	0.100
100	62	0.400	0.300	-0.100
100	63	0.400	0.250	-0.150
100	64	0.300	0.350	0.050
105	65	0.300	0.650	0.350
105	66	0.250	0.450	0.200
105	67	0.500	0.250	-0.250
105	68	0.450	0.350	-0.100
105	69	0.450	0.550	0.100
	Max	0.700	0.650	0.350
	Average	0.365	0.383	0.018
	Min	0.200	0.200	-0.350
	Std Dev	0.103	0.108	0.158



	26.15_T_HOLD_FALL/S										
Test Site											
Tester											
Test Number											
Max Limit	0.95	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.250	0.200	0.300	0.350	0.250	0.300	0.200	0.200	0.250	0.250	0.250
Average	0.400	0.340	0.370	0.380	0.410	0.410	0.390	0.350	0.380	0.340	0.450
Max	0.550	0.600	0.500	0.450	0.600	0.550	0.500	0.500	0.450	0.400	0.650
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

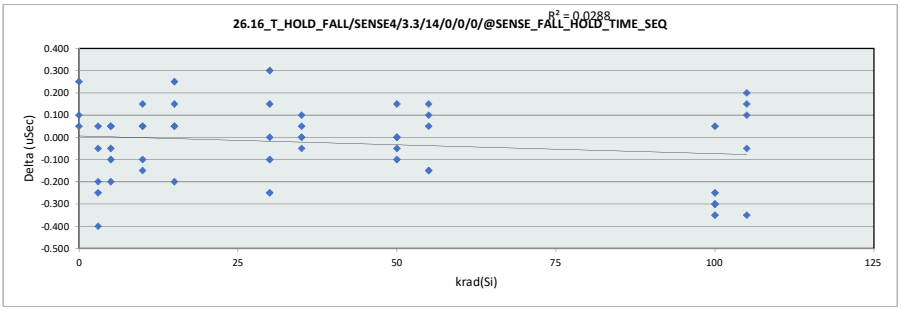


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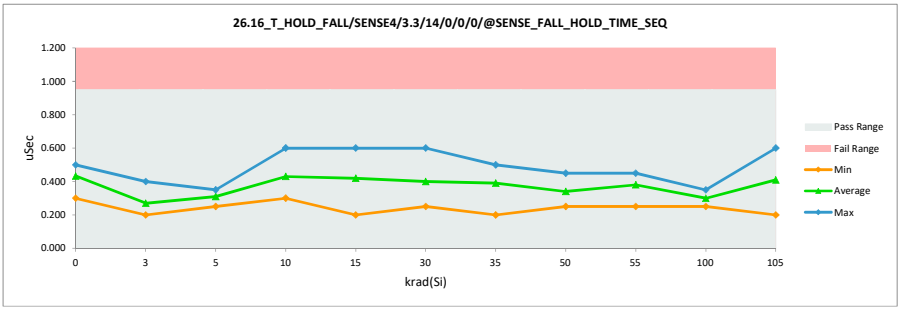
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	26.16_T_HOLD_FALL/SE	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	1	0.95
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.250	0.500	0.250
0	14	0.250	0.300	0.050
0	15	0.400	0.500	0.100
3	20	0.350	0.300	-0.050
3	21	0.350	0.400	0.050
3	22	0.450	0.200	-0.250
3	23	0.600	0.200	-0.400
3	24	0.450	0.250	-0.200
5	25	0.250	0.300	0.050
5	26	0.250	0.300	0.050
5	27	0.450	0.350	-0.100
5	28	0.400	0.350	-0.050
5	29	0.450	0.250	-0.200
10	30	0.400	0.450	0.050
10	31	0.450	0.600	0.150
10	32	0.450	0.300	-0.150
10	33	0.500	0.400	-0.100
10	34	0.350	0.400	0.050
15	35	0.400	0.200	-0.200
15	36	0.350	0.400	0.050
15	37	0.250	0.400	0.150
15	38	0.350	0.600	0.250
15	39	0.450	0.500	0.050
30	40	0.450	0.450	0.000
30	41	0.400	0.300	-0.100
30	42	0.500	0.250	-0.250
30	43	0.300	0.600	0.300
30	44	0.250	0.400	0.150
35	45	0.400	0.500	0.100
35	46	0.250	0.200	-0.050
35	47	0.450	0.450	0.000
35	48	0.350	0.400	0.050
35	49	0.400	0.400	0.000
50	50	0.300	0.300	0.000
50	51	0.350	0.250	-0.100
50	52	0.350	0.350	0.000
50	53	0.400	0.350	-0.050
50	54	0.300	0.450	0.150
55	55	0.350	0.450	0.100
55	56	0.500	0.350	-0.150
55	57	0.400	0.250	-0.150
55	58	0.250	0.400	0.150
55	59	0.400	0.450	0.050
100	60	0.600	0.250	-0.350
100	61	0.650	0.350	-0.300
100	62	0.500	0.250	-0.250
100	63	0.250	0.300	0.050
100	64	0.650	0.350	-0.300
105	65	0.300	0.450	0.150
105	66	0.400	0.350	-0.050
105	67	0.400	0.600	0.200
105	68	0.350	0.450	0.100
105	69	0.550	0.200	-0.350
	Max	0.650	0.600	0.300
	Average	0.393	0.369	-0.025
	Min	0.250	0.200	-0.400
	Std Dev	0.103	0.110	0.166



	26.16_T_HOLD_FALL/S										
Test Site											
Tester											
Test Number											
Max Limit	0.95	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.300	0.200	0.250	0.300	0.200	0.250	0.200	0.250	0.250	0.250	0.200
Average	0.433	0.270	0.310	0.430	0.420	0.400	0.390	0.340	0.380	0.300	0.410
Max	0.500	0.400	0.350	0.600	0.600	0.600	0.500	0.450	0.450	0.350	0.600
UL	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950

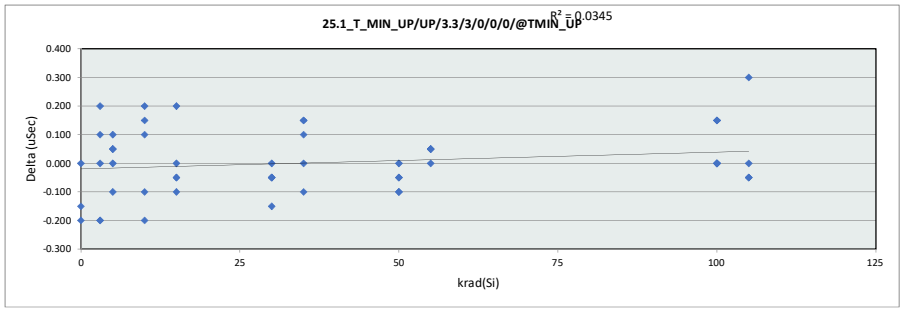


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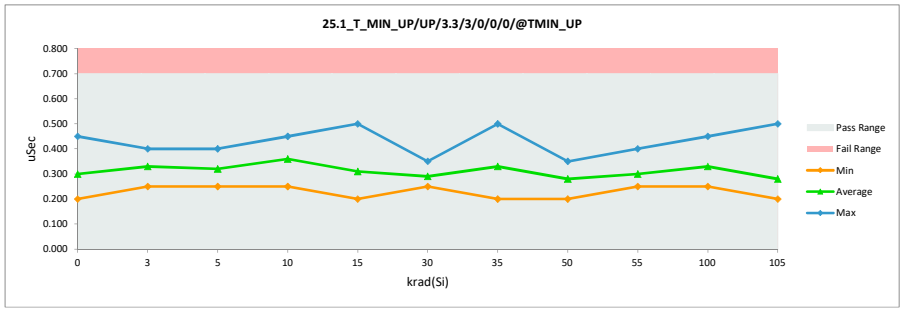
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	25.1_T_MIN_UP/UP/3.3	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	0.7	0.7
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.400	0.200	-0.200
0	14	0.400	0.250	-0.150
0	15	0.450	0.450	0.000
3	20	0.450	0.250	-0.200
3	21	0.350	0.350	0.000
3	22	0.200	0.400	0.200
3	23	0.450	0.250	-0.200
3	24	0.300	0.400	0.100
5	25	0.200	0.250	0.050
5	26	0.300	0.350	0.050
5	27	0.250	0.350	0.100
5	28	0.350	0.250	-0.100
5	29	0.400	0.400	0.000
10	30	0.300	0.400	0.100
10	31	0.400	0.300	-0.100
10	32	0.250	0.450	0.200
10	33	0.250	0.400	0.150
10	34	0.450	0.250	-0.200
15	35	0.300	0.500	0.200
15	36	0.400	0.300	-0.100
15	37	0.350	0.350	0.000
15	38	0.250	0.200	-0.050
15	39	0.250	0.200	-0.050
30	40	0.400	0.250	-0.150
30	41	0.300	0.250	-0.050
30	42	0.350	0.350	0.000
30	43	0.400	0.350	-0.050
30	44	0.300	0.250	-0.050
35	45	0.200	0.350	0.150
35	46	0.300	0.300	0.000
35	47	0.350	0.500	0.150
35	48	0.200	0.300	0.100
35	49	0.300	0.200	-0.100
50	50	0.250	0.200	-0.050
50	51	0.300	0.300	0.000
50	52	0.450	0.350	-0.100
50	53	0.350	0.250	-0.100
50	54	0.350	0.300	-0.050
55	55	0.250	0.300	0.050
55	56	0.250	0.250	0.000
55	57	0.200	0.250	0.050
55	58	0.350	0.400	0.050
55	59	0.250	0.300	0.050
100	60	0.300	0.300	0.000
100	61	0.250	0.400	0.150
100	62	0.250	0.250	0.000
100	63	0.300	0.450	0.150
100	64	0.250	0.250	0.000
105	65	0.250	0.250	0.000
105	66	0.250	0.200	-0.050
105	67	0.300	0.250	-0.050
105	68	0.200	0.500	0.300
105	69	0.250	0.200	-0.050
	Max	0.450	0.500	0.300
	Average	0.309	0.312	0.003
	Min	0.200	0.200	-0.200
	Std Dev	0.075	0.085	0.113



	25.1_T_MIN_UP/UP/3.										
Test Site											
Tester											
Test Number											
Max Limit	0.7	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.200	0.250	0.250	0.250	0.200	0.250	0.200	0.200	0.250	0.250	0.200
Average	0.300	0.330	0.320	0.360	0.310	0.290	0.330	0.280	0.300	0.330	0.280
Max	0.450	0.400	0.400	0.450	0.500	0.350	0.500	0.350	0.400	0.450	0.500
UL	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700

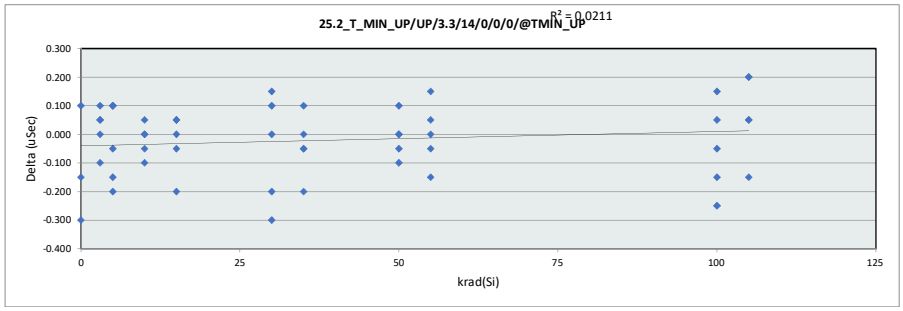


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

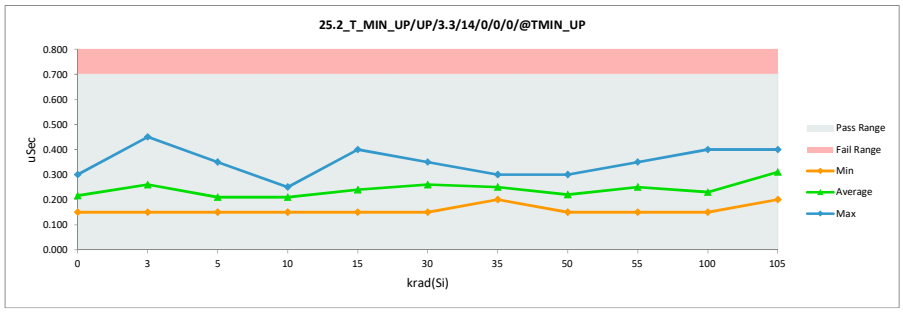
	25.2_T_MIN_UP/UP/3.3	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	0.7	0.7
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.200	0.300	0.100
0	14	0.450	0.150	-0.300
0	15	0.350	0.200	-0.150
3	20	0.150	0.200	0.050
3	21	0.350	0.450	0.100
3	22	0.250	0.150	-0.100
3	23	0.300	0.300	0.000
3	24	0.150	0.200	0.050
5	25	0.350	0.150	-0.200
5	26	0.250	0.350	0.100
5	27	0.300	0.150	-0.150
5	28	0.150	0.250	0.100
5	29	0.200	0.150	-0.050
10	30	0.150	0.150	0.000
10	31	0.300	0.200	-0.100
10	32	0.200	0.250	0.050
10	33	0.250	0.200	-0.050
10	34	0.250	0.250	0.000
15	35	0.200	0.200	0.000
15	36	0.250	0.200	-0.050
15	37	0.200	0.250	0.050
15	38	0.350	0.400	0.050
15	39	0.350	0.150	-0.200
30	40	0.150	0.300	0.150
30	41	0.250	0.350	0.100
30	42	0.500	0.200	-0.300
30	43	0.350	0.150	-0.200
30	44	0.300	0.300	0.000
35	45	0.400	0.200	-0.200
35	46	0.200	0.300	0.100
35	47	0.300	0.250	-0.050
35	48	0.300	0.300	0.000
35	49	0.250	0.200	-0.050
50	50	0.250	0.250	0.000
50	51	0.200	0.300	0.100
50	52	0.150	0.150	0.000
50	53	0.300	0.250	-0.050
50	54	0.250	0.150	-0.100
55	55	0.250	0.300	0.050
55	56	0.300	0.150	-0.150
55	57	0.350	0.300	-0.050
55	58	0.150	0.150	0.000
55	59	0.200	0.350	0.150
100	60	0.450	0.200	-0.250
100	61	0.200	0.150	-0.050
100	62	0.300	0.150	-0.150
100	63	0.250	0.400	0.150
100	64	0.200	0.250	0.050
105	65	0.150	0.200	0.050
105	66	0.150	0.350	0.200
105	67	0.450	0.300	-0.150
105	68	0.250	0.300	0.050
105	69	0.200	0.400	0.200
	Max	0.500	0.450	0.200
	Average	0.263	0.242	-0.021
	Min	0.150	0.150	-0.300
	Std Dev	0.088	0.081	0.123



	25.2_T_MIN_UP/UP/3.	
Test Site		
Tester		
Test Number		
Max Limit	0.7	uSec
Min Limit	0	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.150	0.150	0.150	0.150	0.150	0.150	0.200	0.150	0.150	0.150	0.200
Average	0.217	0.260	0.210	0.210	0.240	0.260	0.250	0.220	0.250	0.230	0.310
Max	0.300	0.450	0.350	0.250	0.400	0.350	0.300	0.300	0.350	0.400	0.400
UL	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700

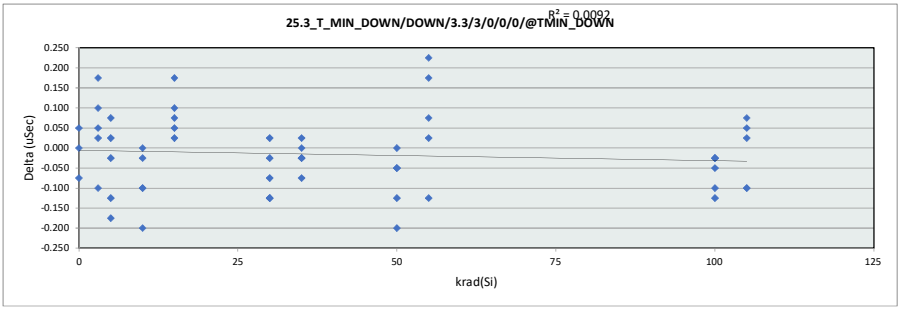


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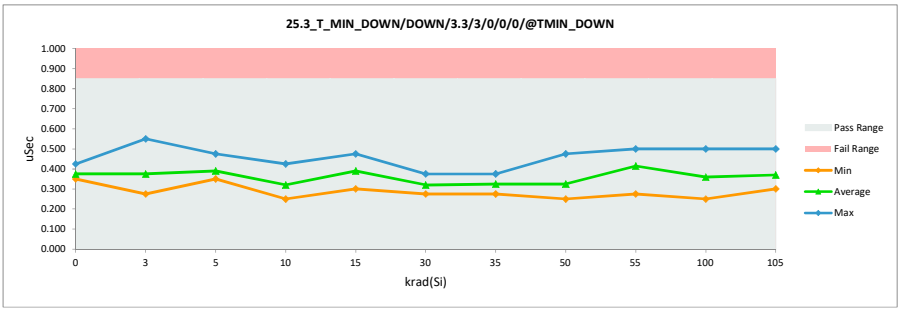
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	25.3_T_MIN_DOWN/DO	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	0.9	0.85
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.350	0.350	0.000
0	14	0.375	0.425	0.050
0	15	0.425	0.350	-0.075
3	20	0.250	0.425	0.175
3	21	0.250	0.275	0.025
3	22	0.250	0.300	0.050
3	23	0.425	0.325	-0.100
3	24	0.450	0.550	0.100
5	25	0.475	0.350	-0.125
5	26	0.325	0.350	0.025
5	27	0.500	0.475	-0.025
5	28	0.325	0.400	0.075
5	29	0.550	0.375	-0.175
10	30	0.400	0.375	-0.025
10	31	0.350	0.250	-0.100
10	32	0.450	0.250	-0.200
10	33	0.400	0.300	-0.100
10	34	0.425	0.425	0.000
15	35	0.225	0.300	0.075
15	36	0.400	0.425	0.025
15	37	0.375	0.475	0.100
15	38	0.275	0.450	0.175
15	39	0.250	0.300	0.050
30	40	0.325	0.350	0.025
30	41	0.400	0.275	-0.125
30	42	0.450	0.375	-0.075
30	43	0.425	0.300	-0.125
30	44	0.325	0.300	-0.025
35	45	0.325	0.350	0.025
35	46	0.300	0.300	0.000
35	47	0.300	0.275	-0.025
35	48	0.450	0.375	-0.075
35	49	0.350	0.325	-0.025
50	50	0.350	0.300	-0.050
50	51	0.300	0.250	-0.050
50	52	0.400	0.275	-0.125
50	53	0.475	0.475	0.000
50	54	0.525	0.325	-0.200
55	55	0.250	0.275	0.025
55	56	0.425	0.500	0.075
55	57	0.525	0.400	-0.125
55	58	0.250	0.425	0.175
55	59	0.250	0.475	0.225
100	60	0.375	0.250	-0.125
100	61	0.425	0.375	-0.050
100	62	0.350	0.325	-0.025
100	63	0.525	0.500	-0.025
100	64	0.450	0.350	-0.100
105	65	0.450	0.350	-0.100
105	66	0.450	0.500	0.050
105	67	0.250	0.325	0.075
105	68	0.350	0.375	0.025
105	69	0.400	0.300	-0.100
	Max	0.550	0.550	0.225
	Average	0.376	0.360	-0.016
	Min	0.225	0.250	-0.200
	Std Dev	0.086	0.077	0.096



	25.3_T_MIN_DOWN/DO										
Test Site											
Tester											
Test Number											
Max Limit	0.85	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.350	0.275	0.350	0.250	0.300	0.275	0.275	0.250	0.275	0.250	0.300
Average	0.375	0.375	0.390	0.320	0.390	0.320	0.325	0.325	0.415	0.360	0.370
Max	0.425	0.550	0.475	0.425	0.475	0.375	0.375	0.475	0.500	0.500	0.500
UL	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850

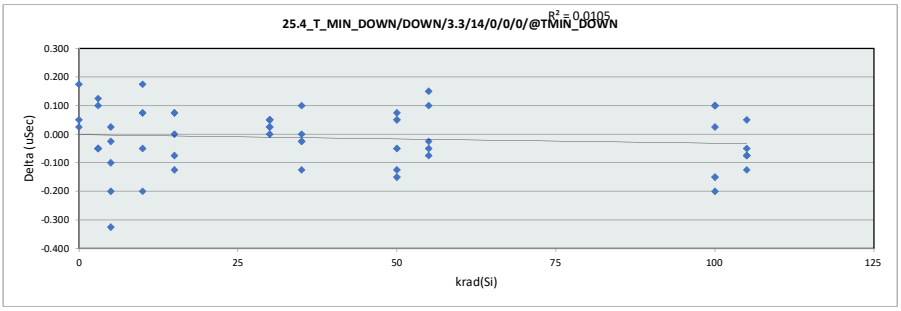


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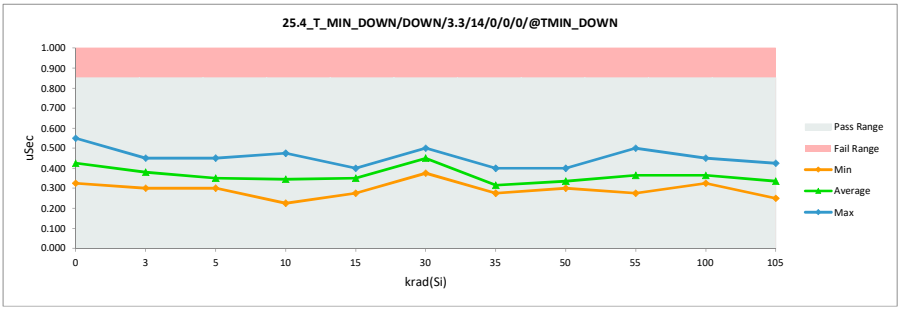
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	25.4_T_MIN_DOWN/DO	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	0.9	0.85
Min Limit	0	0

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	0.350	0.400	0.050
0	14	0.375	0.550	0.175
0	15	0.300	0.325	0.025
3	20	0.500	0.450	-0.050
3	21	0.275	0.375	0.100
3	22	0.425	0.375	-0.050
3	23	0.275	0.400	0.125
3	24	0.350	0.300	-0.050
5	25	0.425	0.450	0.025
5	26	0.400	0.375	-0.025
5	27	0.625	0.300	-0.325
5	28	0.525	0.325	-0.200
5	29	0.400	0.300	-0.100
10	30	0.225	0.400	0.175
10	31	0.300	0.250	-0.050
10	32	0.400	0.475	0.075
10	33	0.300	0.375	0.075
10	34	0.425	0.225	-0.200
15	35	0.475	0.400	-0.075
15	36	0.400	0.275	-0.125
15	37	0.300	0.375	0.075
15	38	0.350	0.350	0.000
15	39	0.275	0.350	0.075
30	40	0.475	0.500	0.025
30	41	0.450	0.500	0.050
30	42	0.400	0.400	0.000
30	43	0.325	0.375	0.050
30	44	0.450	0.475	0.025
35	45	0.300	0.400	0.100
35	46	0.350	0.325	-0.025
35	47	0.300	0.300	0.000
35	48	0.300	0.275	-0.025
35	49	0.400	0.275	-0.125
50	50	0.350	0.300	-0.050
50	51	0.475	0.325	-0.150
50	52	0.300	0.350	0.050
50	53	0.325	0.400	0.075
50	54	0.425	0.300	-0.125
55	55	0.350	0.500	0.150
55	56	0.300	0.275	-0.025
55	57	0.375	0.300	-0.075
55	58	0.300	0.400	0.100
55	59	0.400	0.350	-0.050
100	60	0.525	0.325	-0.200
100	61	0.350	0.450	0.100
100	62	0.275	0.375	0.100
100	63	0.325	0.350	0.025
100	64	0.475	0.325	-0.150
105	65	0.325	0.250	-0.075
105	66	0.500	0.375	-0.125
105	67	0.500	0.425	-0.075
105	68	0.275	0.325	0.050
105	69	0.350	0.300	-0.050
	Max	0.625	0.550	0.175
	Average	0.376	0.363	-0.013
	Min	0.225	0.225	-0.325
	Std Dev	0.084	0.072	0.105



	25.4_T_MIN_DOWN/DO										
Test Site											
Tester											
Test Number											
Max Limit	0.85	uSec									
Min Limit	0	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.325	0.300	0.300	0.225	0.275	0.375	0.275	0.300	0.275	0.325	0.250
Average	0.425	0.380	0.350	0.345	0.350	0.450	0.315	0.335	0.365	0.365	0.335
Max	0.550	0.450	0.450	0.475	0.400	0.500	0.400	0.400	0.500	0.450	0.425
UL	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850

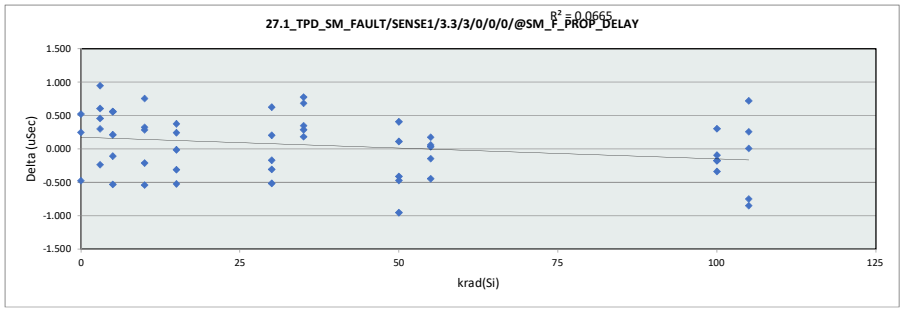


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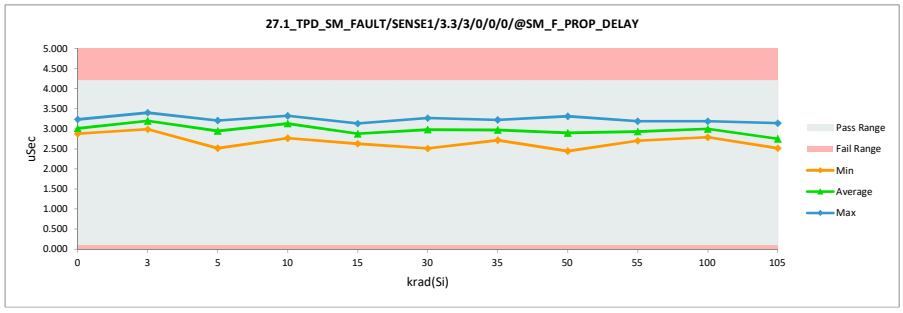
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	27.1_TPD_SM_FAULT/S	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	4.3	4.2
Min Limit	0.1	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.356	2.879	-0.477
0	14	2.403	2.926	0.523
0	15	2.988	3.235	0.247
3	20	2.766	3.066	0.300
3	21	2.442	3.389	0.947
3	22	2.799	3.403	0.604
3	23	3.227	2.990	-0.237
3	24	2.687	3.144	0.457
5	25	2.647	3.208	0.561
5	26	3.050	2.517	-0.533
5	27	3.253	3.145	-0.108
5	28	2.424	2.979	0.555
5	29	2.674	2.886	0.212
10	30	2.918	3.243	0.325
10	31	2.574	3.327	0.753
10	32	3.311	3.100	-0.211
10	33	2.936	3.221	0.285
10	34	3.310	2.768	-0.542
15	35	3.385	2.860	-0.525
15	36	2.425	2.668	0.243
15	37	3.107	3.094	-0.013
15	38	2.761	3.136	0.375
15	39	2.941	2.629	-0.312
30	40	3.334	3.163	-0.171
30	41	3.231	2.925	-0.306
30	42	3.029	2.511	-0.518
30	43	2.407	3.031	0.624
30	44	3.065	3.268	0.203
35	45	2.417	3.194	0.777
35	46	2.494	2.842	0.348
35	47	2.542	3.226	0.684
35	48	2.428	2.714	0.286
35	49	2.693	2.875	0.182
50	50	3.127	3.238	0.111
50	51	3.161	2.687	-0.474
50	52	3.402	2.446	-0.956
50	53	3.220	2.807	-0.413
50	54	2.907	3.315	0.408
55	55	3.192	2.746	-0.446
55	56	3.017	3.192	0.175
55	57	2.991	3.024	0.033
55	58	2.930	2.990	0.060
55	59	2.850	2.704	-0.146
100	60	3.185	3.008	-0.177
100	61	2.489	2.791	0.302
100	62	3.265	3.090	-0.175
100	63	3.268	2.929	-0.339
100	64	3.288	3.193	-0.095
105	65	2.423	3.143	0.720
105	66	2.663	2.921	0.258
105	67	3.276	2.526	-0.750
105	68	3.366	2.517	-0.849
105	69	2.647	2.653	0.006
	Max	3.402	3.403	0.947
	Average	2.919	2.971	0.053
	Min	2.403	2.446	-0.956
	Std Dev	0.329	0.252	0.453



	27.1_TPD_SM_FAULT/S										
Test Site											
Tester											
Test Number											
Max Limit	4.2	uSec									
Min Limit	0.1	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.879	2.990	2.517	2.768	2.629	2.511	2.714	2.446	2.704	2.791	2.517
Average	3.013	3.198	2.947	3.132	2.877	2.980	2.970	2.899	2.931	3.002	2.752
Max	3.235	3.403	3.208	3.327	3.136	3.268	3.226	3.315	3.192	3.193	3.143
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

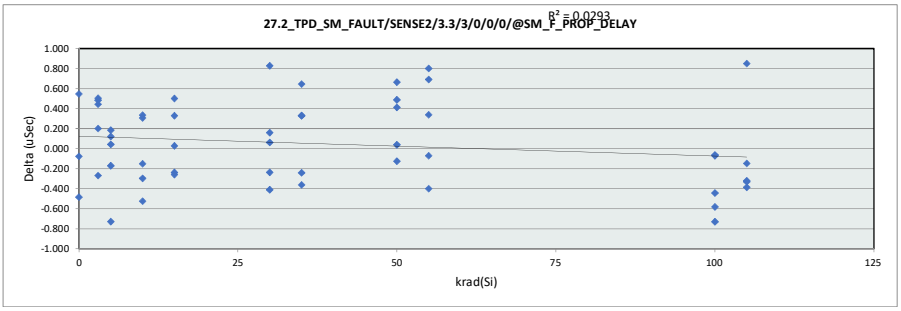


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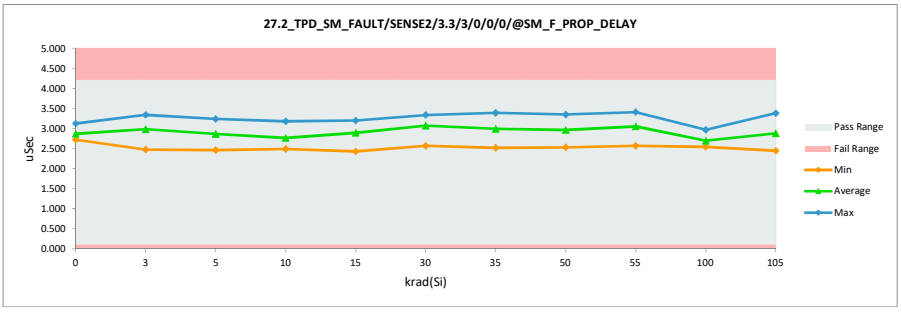
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	27.2_TPD_SM_FAULT/SI	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	4.3	4.2
Min Limit	0.1	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.841	2.764	-0.077
0	14	3.204	2.720	-0.484
0	15	2.579	3.125	0.546
3	20	2.670	3.174	0.504
3	21	2.744	2.475	-0.269
3	22	2.507	2.992	0.485
3	23	3.140	3.340	0.200
3	24	2.495	2.938	0.443
5	25	3.190	2.462	-0.728
5	26	3.065	3.185	0.120
5	27	2.732	2.561	-0.171
5	28	2.690	2.874	0.184
5	29	3.194	3.237	0.043
10	30	2.463	2.769	0.306
10	31	2.843	3.178	0.335
10	32	2.787	2.491	-0.296
10	33	3.024	2.873	-0.151
10	34	3.018	2.494	-0.524
15	35	2.665	2.427	-0.238
15	36	2.544	2.874	0.330
15	37	3.211	2.952	-0.259
15	38	2.696	3.197	0.501
15	39	2.992	3.020	0.028
30	40	2.977	2.566	-0.411
30	41	3.232	2.995	-0.237
30	42	3.275	3.337	0.062
30	43	2.471	3.299	0.828
30	44	3.004	3.164	0.160
35	45	2.881	2.519	-0.362
35	46	3.059	3.390	0.331
35	47	3.250	3.009	-0.241
35	48	2.685	3.331	0.646
35	49	2.372	2.699	0.327
50	50	2.506	2.993	0.487
50	51	2.658	2.532	-0.126
50	52	2.894	2.934	0.040
50	53	2.590	3.003	0.413
50	54	2.684	3.347	0.663
55	55	3.379	2.979	-0.400
55	56	2.716	3.408	0.692
55	57	2.638	2.567	-0.071
55	58	2.370	3.170	0.800
55	59	2.789	3.127	0.338
100	60	2.980	2.537	-0.443
100	61	2.725	2.662	-0.063
100	62	3.271	2.689	-0.582
100	63	3.040	2.968	-0.072
100	64	3.357	2.627	-0.730
105	65	3.118	2.797	-0.321
105	66	2.949	2.800	-0.149
105	67	3.307	2.977	-0.330
105	68	2.531	3.381	0.850
105	69	2.833	2.447	-0.386
	Max	3.379	3.408	0.850
	Average	2.865	2.913	0.048
	Min	2.370	2.427	-0.730
	Std Dev	0.280	0.298	0.419



	27.2_TPD_SM_FAULT/S										
Test Site											
Tester											
Test Number											
Max Limit	4.2	uSec									
Min Limit	0.1	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.720	2.475	2.462	2.491	2.427	2.566	2.519	2.532	2.567	2.537	2.447
Average	2.870	2.984	2.864	2.761	2.894	3.072	2.990	2.962	3.050	2.697	2.880
Max	3.125	3.340	3.237	3.178	3.197	3.337	3.390	3.347	3.408	2.968	3.381
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

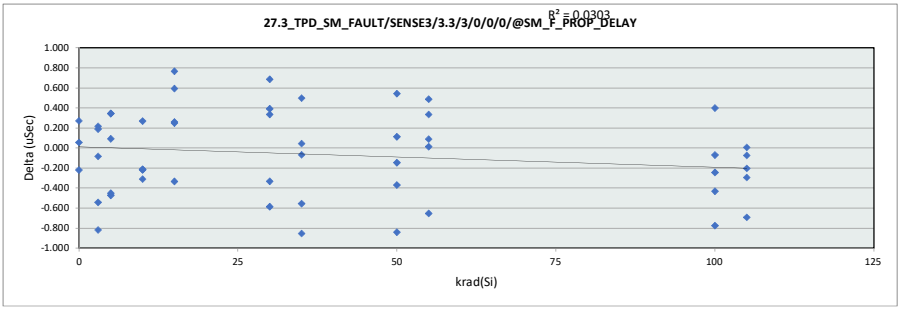


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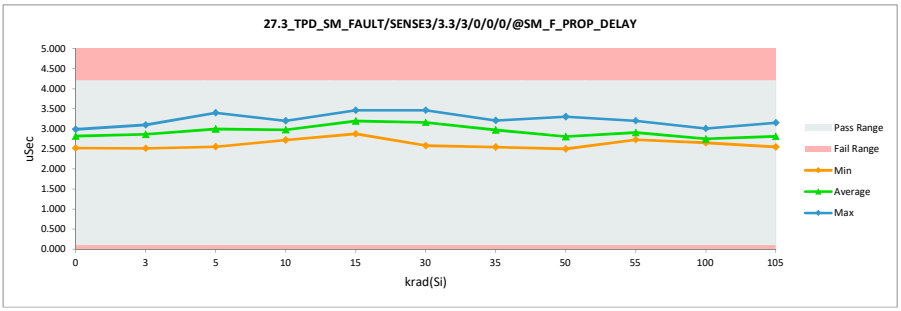
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	27.3_TPD_SM_FAULT/S	
Test Site		
Tester		
Test Number		
Unit	uSec	uSec
Max Limit	4.3	4.2
Min Limit	0.1	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.740	2.520	-0.220
0	14	2.932	2.987	0.055
0	15	2.678	2.948	0.270
3	20	3.028	2.945	-0.083
3	21	2.862	3.050	0.188
3	22	3.331	2.512	-0.819
3	23	2.881	3.098	0.217
3	24	3.257	2.714	-0.543
5	25	3.057	3.401	0.344
5	26	3.004	2.552	-0.452
5	27	3.092	2.618	-0.474
5	28	3.077	3.167	0.090
5	29	2.914	3.258	0.344
10	30	3.244	3.027	-0.217
10	31	3.006	2.793	-0.213
10	32	2.933	3.201	0.268
10	33	3.032	2.720	-0.312
10	34	3.363	3.145	-0.218
15	35	2.510	3.103	0.593
15	36	2.519	3.285	0.766
15	37	3.212	3.460	0.248
15	38	2.989	3.247	0.258
15	39	3.212	2.877	-0.335
30	40	3.257	2.924	-0.333
30	41	3.129	3.464	0.335
30	42	3.005	3.396	0.391
30	43	2.748	3.434	0.686
30	44	3.170	2.583	-0.587
35	45	3.279	3.210	-0.069
35	46	3.400	2.545	-0.855
35	47	3.154	3.197	0.043
35	48	2.563	3.062	0.499
35	49	3.407	2.851	-0.556
50	50	2.761	3.304	0.543
50	51	3.058	2.687	-0.371
50	52	2.534	2.646	0.112
50	53	3.343	2.502	-0.841
50	54	3.043	2.895	-0.148
55	55	2.538	3.024	0.486
55	56	2.507	2.840	0.333
55	57	3.407	2.753	-0.654
55	58	2.642	2.729	0.087
55	59	3.186	3.199	0.013
100	60	2.974	2.729	-0.245
100	61	2.612	3.011	0.399
100	62	2.721	2.651	-0.070
100	63	3.432	2.656	-0.776
100	64	3.139	2.706	-0.433
105	65	3.357	3.153	-0.204
105	66	3.008	3.014	0.006
105	67	3.245	2.551	-0.694
105	68	2.865	2.570	-0.295
105	69	2.841	2.765	-0.076
	Max	3.432	3.464	0.766
	Average	3.004	2.937	-0.066
	Min	2.507	2.502	-0.855
	Std Dev	0.271	0.285	0.420



	27.3_TPD_SM_FAULT/S										
Test Site											
Tester											
Test Number											
Max Limit	4.2	uSec									
Min Limit	0.1	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.520	2.512	2.552	2.720	2.877	2.583	2.545	2.502	2.729	2.651	2.551
Average	2.818	2.864	2.999	2.977	3.194	3.160	2.973	2.807	2.909	2.751	2.811
Max	2.987	3.098	3.401	3.201	3.460	3.464	3.210	3.304	3.199	3.011	3.153
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

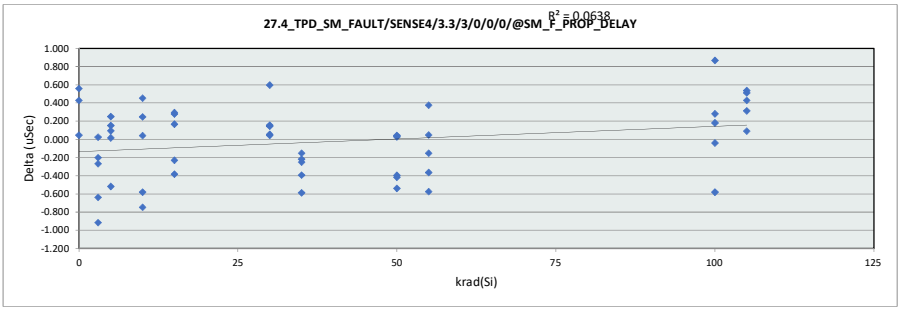


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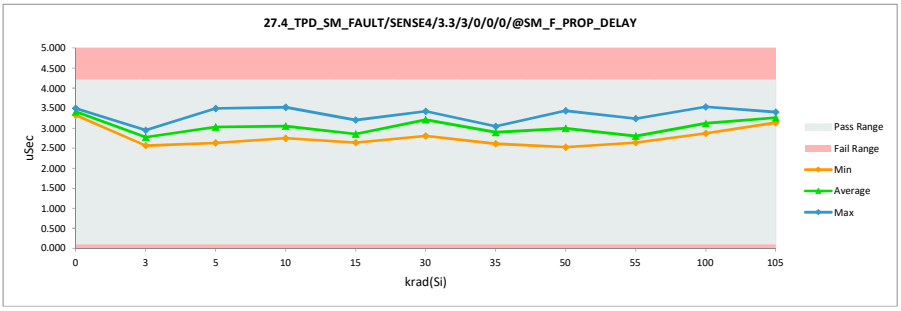
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	27.4_TPD_SM_FAULT/S
Test Site	
Tester	
Test Number	
Unit	uSec
Max Limit	4.3
Min Limit	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.899	3.326	0.427
0	14	3.367	3.413	0.046
0	15	2.935	3.494	0.559
3	20	3.154	2.951	-0.203
3	21	3.478	2.562	-0.916
3	22	3.091	2.822	-0.269
3	23	2.792	2.815	0.023
3	24	3.364	2.725	-0.639
5	25	2.881	3.033	0.152
5	26	2.876	3.126	0.250
5	27	3.385	2.867	-0.518
5	28	3.397	3.491	0.094
5	29	2.617	2.631	0.014
10	30	3.480	3.519	0.039
10	31	2.674	2.920	0.246
10	32	2.833	3.285	0.452
10	33	3.499	2.751	-0.748
10	34	3.369	2.788	-0.581
15	35	3.126	2.742	-0.384
15	36	2.670	2.963	0.293
15	37	2.975	2.743	-0.232
15	38	2.922	3.201	0.279
15	39	2.474	2.639	0.165
30	40	2.662	2.806	0.144
30	41	2.670	3.266	0.596
30	42	3.349	3.404	0.055
30	43	3.116	3.160	0.044
30	44	3.268	3.423	0.155
35	45	3.415	3.021	-0.394
35	46	2.765	2.611	-0.154
35	47	3.224	3.005	-0.219
35	48	3.294	3.044	-0.250
35	49	3.383	2.795	-0.588
50	50	2.944	2.527	-0.417
50	51	3.062	2.665	-0.397
50	52	3.515	2.976	-0.539
50	53	3.395	3.436	0.041
50	54	3.335	3.363	0.028
55	55	2.645	2.692	0.047
55	56	3.006	2.641	-0.365
55	57	2.863	3.238	0.375
55	58	3.336	2.760	-0.576
55	59	2.848	2.694	-0.154
100	60	3.456	2.874	-0.582
100	61	3.114	3.294	0.180
100	62	2.715	2.996	0.281
100	63	2.665	3.532	0.867
100	64	2.951	2.911	-0.040
105	65	3.087	3.400	0.313
105	66	3.045	3.136	0.091
105	67	2.853	3.363	0.510
105	68	2.830	3.258	0.428
105	69	2.633	3.168	0.535
	Max	3.515	3.532	0.867
	Average	3.051	3.024	-0.027
	Min	2.474	2.527	-0.916
	Std Dev	0.293	0.296	0.394



	27.4_TPD_SM_FAULT/S										
Test Site											
Tester											
Test Number											
Max Limit	4.2	uSec									
Min Limit	0.1	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	3.326	2.562	2.631	2.751	2.639	2.806	2.611	2.527	2.641	2.874	3.136
Average	3.411	2.775	3.030	3.053	2.858	3.212	2.895	2.993	2.805	3.121	3.265
Max	3.494	2.951	3.491	3.519	3.201	3.423	3.044	3.436	3.238	3.532	3.400
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

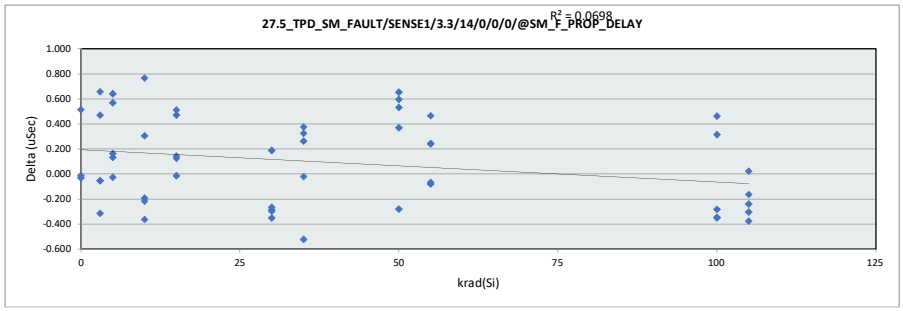


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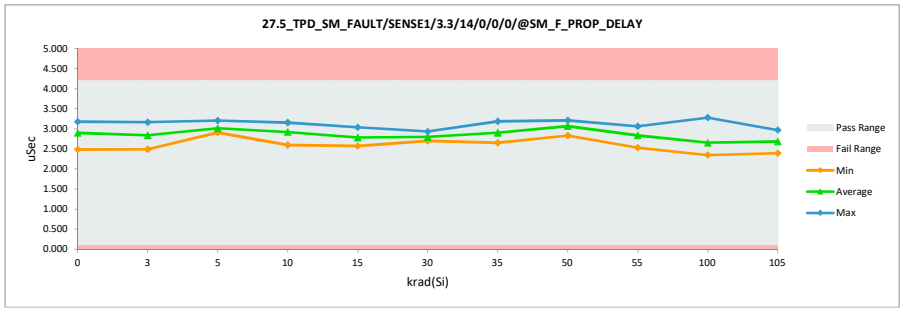
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	27.5_TPD_SM_FAULT/S
Test Site	
Tester	
Test Number	
Unit	uSec
Max Limit	4.3
Min Limit	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.190	3.176	-0.014
0	14	2.518	2.486	-0.032
0	15	2.522	3.036	0.514
3	20	2.366	2.836	0.470
3	21	3.186	3.133	-0.053
3	22	2.508	3.165	0.657
3	23	2.627	2.574	-0.053
3	24	2.804	2.490	-0.314
5	25	2.567	3.207	0.640
5	26	2.829	2.962	0.133
5	27	2.372	2.941	0.569
5	28	2.934	2.908	-0.026
5	29	2.884	3.047	0.163
10	30	2.656	2.962	0.306
10	31	2.388	3.155	0.767
10	32	3.145	2.953	-0.192
10	33	2.814	2.597	-0.217
10	34	3.297	2.934	-0.363
15	35	2.641	2.784	0.143
15	36	2.586	2.572	-0.014
15	37	2.528	3.039	0.511
15	38	2.385	2.856	0.471
15	39	2.533	2.658	0.125
30	40	2.989	2.702	-0.287
30	41	3.231	2.934	-0.297
30	42	2.515	2.703	0.188
30	43	3.078	2.812	-0.266
30	44	3.195	2.843	-0.352
35	45	2.579	2.955	0.376
35	46	2.821	2.800	-0.021
35	47	2.662	2.925	0.263
35	48	2.862	3.187	0.325
35	49	3.175	2.653	-0.522
50	50	2.558	3.211	0.653
50	51	2.581	3.177	0.596
50	52	3.112	2.832	-0.280
50	53	2.449	2.982	0.533
50	54	2.761	3.131	0.370
55	55	3.016	2.949	-0.067
55	56	2.823	3.063	0.240
55	57	2.343	2.807	0.464
55	58	2.608	2.528	-0.080
55	59	2.585	2.829	0.244
100	60	2.325	2.640	0.315
100	61	2.655	2.372	-0.283
100	62	2.984	2.634	-0.350
100	63	2.692	2.345	-0.347
100	64	2.817	3.279	0.462
105	65	3.129	2.889	-0.240
105	66	2.948	2.971	0.023
105	67	2.661	2.497	-0.164
105	68	2.769	2.393	-0.376
105	69	2.975	2.672	-0.303
	Max	3.297	3.279	0.767
	Average	2.758	2.853	0.094
	Min	2.325	2.345	-0.522
	Std Dev	0.269	0.242	0.348



	27.5_TPD_SM_FAULT/S										
Test Site											
Tester											
Test Number											
Max Limit	4.2	uSec									
Min Limit	0.1	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.486	2.490	2.908	2.597	2.572	2.702	2.653	2.832	2.528	2.345	2.393
Average	2.899	2.840	3.013	2.920	2.782	2.799	2.904	3.067	2.835	2.654	2.684
Max	3.176	3.165	3.207	3.155	3.039	2.934	3.187	3.211	3.063	3.279	2.971
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

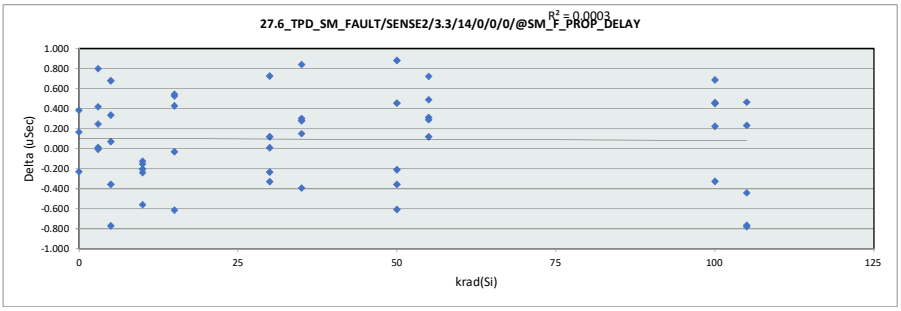


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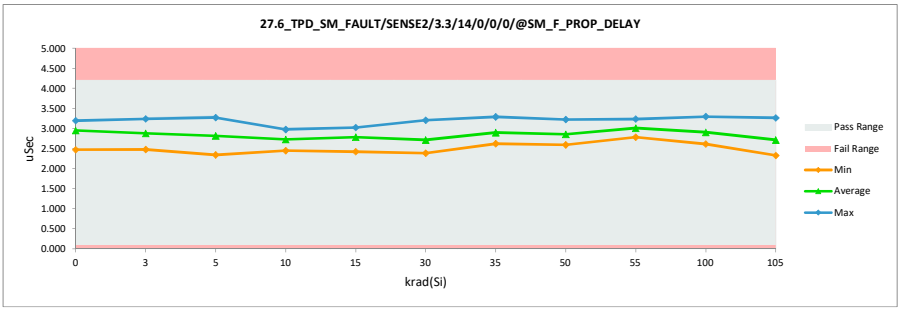
krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	27.6_TPD_SM_FAULT/S
Test Site	
Tester	
Test Number	
Unit	uSec
Max Limit	4.3
Min Limit	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.806	3.189	0.383
0	14	3.030	3.195	0.165
0	15	2.703	2.472	-0.231
3	20	2.484	2.476	-0.008
3	21	2.804	2.815	0.011
3	22	2.644	3.062	0.418
3	23	2.561	2.806	0.245
3	24	2.444	3.242	0.798
5	25	2.361	3.038	0.677
5	26	2.678	3.012	0.334
5	27	2.699	2.341	-0.358
5	28	3.188	2.417	-0.771
5	29	3.205	3.275	0.070
10	30	2.955	2.828	-0.127
10	31	2.892	2.687	-0.205
10	32	2.938	2.697	-0.241
10	33	3.009	2.448	-0.561
10	34	3.134	2.978	-0.156
15	35	2.540	2.508	-0.032
15	36	2.597	3.024	0.427
15	37	2.424	2.950	0.526
15	38	2.478	3.020	0.542
15	39	3.040	2.424	-0.616
30	40	2.552	2.559	0.007
30	41	2.787	2.457	-0.330
30	42	2.622	2.387	-0.235
30	43	2.486	3.210	0.724
30	44	2.844	2.962	0.118
35	45	2.947	3.096	0.149
35	46	2.450	3.288	0.838
35	47	3.025	2.631	-0.394
35	48	2.345	2.623	0.278
35	49	2.549	2.850	0.301
50	50	3.222	2.865	-0.357
50	51	3.201	2.593	-0.608
50	52	3.025	2.814	-0.211
50	53	2.346	3.225	0.879
50	54	2.317	2.771	0.454
55	55	2.279	3.000	0.721
55	56	2.924	3.236	0.312
55	57	3.035	3.153	0.118
55	58	2.297	2.785	0.488
55	59	2.589	2.877	0.288
100	60	2.611	3.296	0.685
100	61	2.431	2.653	0.222
100	62	2.719	3.177	0.458
100	63	2.941	2.615	-0.326
100	64	2.343	2.792	0.449
105	65	3.035	3.265	0.230
105	66	2.434	2.897	0.463
105	67	3.153	2.710	-0.443
105	68	3.094	2.328	-0.766
105	69	3.161	2.379	-0.782
	Max	3.222	3.296	0.879
	Average	2.743	2.838	0.095
	Min	2.279	2.328	-0.782
	Std Dev	0.291	0.295	0.448



	27.6_TPD_SM_FAULT/S										
Test Site											
Tester											
Test Number											
Max Limit	4.2	uSec									
Min Limit	0.1	uSec									
krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.472	2.476	2.341	2.448	2.424	2.387	2.623	2.593	2.785	2.615	2.328
Average	2.952	2.880	2.817	2.728	2.785	2.715	2.898	2.854	3.010	2.907	2.716
Max	3.195	3.242	3.275	2.978	3.024	3.210	3.288	3.225	3.236	3.296	3.265
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

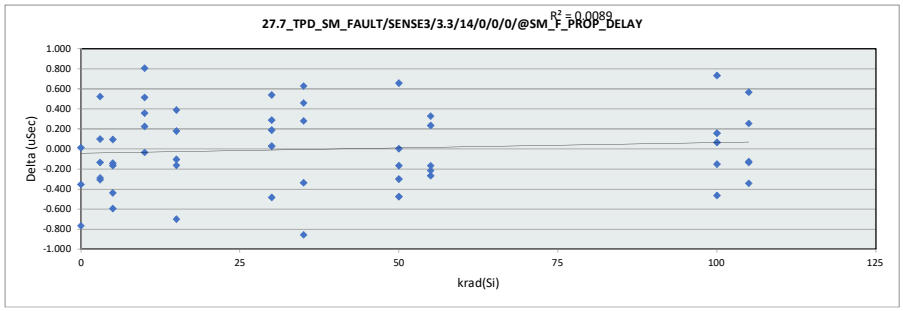


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krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

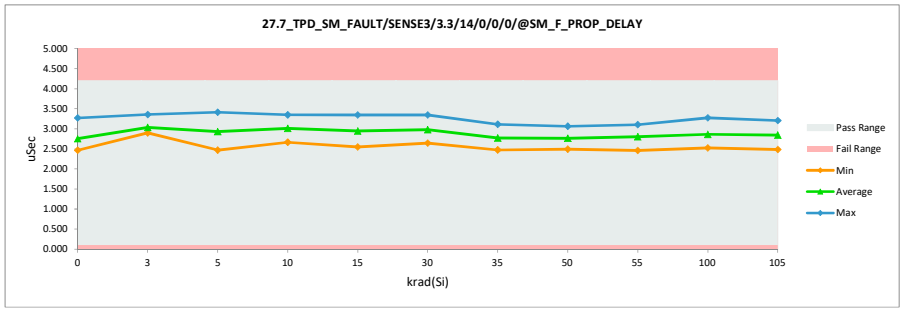
	27.7_TPD_SM_FAULT/S
Test Site	
Tester	
Test Number	
Unit	uSec
Max Limit	4.3
Min Limit	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	3.258	3.272	0.014
0	14	3.292	2.525	-0.767
0	15	2.821	2.467	-0.354
3	20	3.310	3.002	-0.308
3	21	3.259	3.359	0.100
3	22	3.111	2.977	-0.134
3	23	2.414	2.938	0.524
3	24	3.188	2.899	-0.289
5	25	3.064	2.469	-0.595
5	26	3.315	2.876	-0.439
5	27	3.361	3.197	-0.164
5	28	3.319	3.413	0.094
5	29	2.844	2.702	-0.142
10	30	2.759	3.117	0.358
10	31	2.441	2.666	0.225
10	32	2.834	3.349	0.515
10	33	2.402	3.209	0.807
10	34	2.747	2.713	-0.034
15	35	3.377	2.676	-0.701
15	36	3.279	3.175	-0.104
15	37	2.594	2.983	0.389
15	38	3.165	3.344	0.179
15	39	2.711	2.548	-0.163
30	40	3.057	3.345	0.288
30	41	3.127	2.643	-0.484
30	42	3.028	3.058	0.030
30	43	2.610	2.800	0.190
30	44	2.505	3.045	0.540
35	45	2.916	2.578	-0.338
35	46	2.434	2.893	0.459
35	47	2.511	2.792	0.281
35	48	3.331	2.474	-0.857
35	49	2.481	3.111	0.630
50	50	2.874	2.708	-0.166
50	51	2.699	2.703	0.004
50	52	2.404	3.063	0.659
50	53	3.314	2.838	-0.476
50	54	2.794	2.494	-0.300
55	55	2.711	2.496	-0.215
55	56	3.372	3.105	-0.267
55	57	2.720	2.955	0.235
55	58	2.674	3.004	0.330
55	59	2.626	2.460	-0.166
100	60	2.692	2.850	0.158
100	61	2.455	2.521	0.066
100	62	3.285	2.821	-0.464
100	63	3.005	2.854	-0.151
100	64	2.542	3.276	0.734
105	65	2.745	2.620	-0.125
105	66	2.810	3.065	0.255
105	67	3.183	2.841	-0.342
105	68	2.639	3.206	0.567
105	69	2.623	2.488	-0.135
	Max	3.377	3.413	0.807
	Average	2.887	2.886	-0.001
	Min	2.402	2.460	-0.857
	Std Dev	0.321	0.283	0.398



	27.7_TPD_SM_FAULT/S	
Test Site		
Tester		
Test Number		
Max Limit	4.2	uSec
Min Limit	0.1	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.467	2.899	2.469	2.666	2.548	2.643	2.474	2.494	2.460	2.521	2.488
Average	2.755	3.035	2.931	3.011	2.945	2.978	2.770	2.761	2.804	2.864	2.844
Max	3.272	3.359	3.413	3.349	3.344	3.345	3.111	3.063	3.105	3.276	3.206
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

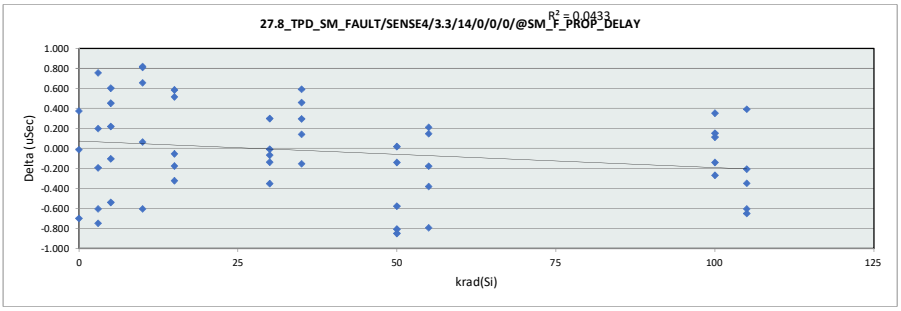


TID HDR Report
TPS7H3014-SP

krad(Si)	Description
3	3 krad Unbiased
5	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

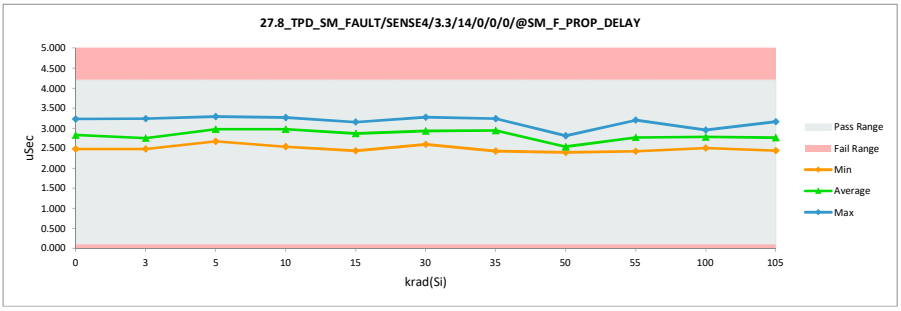
	27.8_TPD_SM_FAULT/S
Test Site	
Tester	
Test Number	
Unit	uSec
Max Limit	4.3
Min Limit	0.1

krad(Si)	Serial #	PostHDR_TID	PreHDR_TID	Delta
0	13	2.855	3.229	0.374
0	14	3.177	2.477	-0.700
0	15	2.792	2.780	-0.012
3	20	2.489	2.687	0.198
3	21	2.479	3.235	0.756
3	22	3.018	2.825	-0.193
3	23	3.289	2.541	-0.748
3	24	3.085	2.480	-0.605
5	25	3.211	2.671	-0.540
5	26	2.479	3.082	0.603
5	27	2.837	3.290	0.453
5	28	2.895	2.791	-0.104
5	29	2.795	3.015	0.220
10	30	2.453	3.109	0.656
10	31	3.142	2.537	-0.605
10	32	2.443	3.262	0.819
10	33	2.629	2.693	0.064
10	34	2.455	3.265	0.810
15	35	3.150	2.828	-0.322
15	36	2.635	3.151	0.516
15	37	2.939	2.885	-0.054
15	38	2.610	2.435	-0.175
15	39	2.445	3.030	0.585
30	40	3.190	3.124	-0.066
30	41	2.916	2.908	-0.008
30	42	2.975	3.275	0.300
30	43	2.895	2.758	-0.137
30	44	2.944	2.592	-0.352
35	45	2.644	3.235	0.591
35	46	2.490	2.949	0.459
35	47	2.847	3.143	0.296
35	48	2.817	2.958	0.141
35	49	2.579	2.427	-0.152
50	50	3.261	2.412	-0.849
50	51	2.613	2.473	-0.140
50	52	3.387	2.810	-0.577
50	53	2.580	2.599	0.019
50	54	3.200	2.393	-0.807
55	55	3.201	3.023	-0.178
55	56	2.987	3.198	0.211
55	57	3.216	2.422	-0.794
55	58	2.839	2.457	-0.382
55	59	2.600	2.747	0.147
100	60	2.804	2.956	0.152
100	61	2.583	2.936	0.353
100	62	2.746	2.607	-0.139
100	63	2.795	2.909	0.114
100	64	2.770	2.502	-0.268
105	65	3.369	3.162	-0.207
105	66	2.771	3.164	0.393
105	67	3.189	2.585	-0.604
105	68	2.786	2.438	-0.348
105	69	3.130	2.479	-0.651
	Max	3.387	3.290	0.819
	Average	2.857	2.829	-0.028
	Min	2.443	2.393	-0.849
	Std Dev	0.274	0.293	0.457



	27.8_TPD_SM_FAULT/S	
Test Site		
Tester		
Test Number		
Max Limit	4.2	uSec
Min Limit	0.1	uSec

krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.477	2.480	2.671	2.537	2.435	2.592	2.427	2.393	2.422	2.502	2.438
Average	2.829	2.754	2.970	2.973	2.866	2.931	2.942	2.537	2.769	2.782	2.766
Max	3.229	3.235	3.290	3.265	3.151	3.275	3.235	2.810	3.198	2.956	3.164
UL	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200	4.200

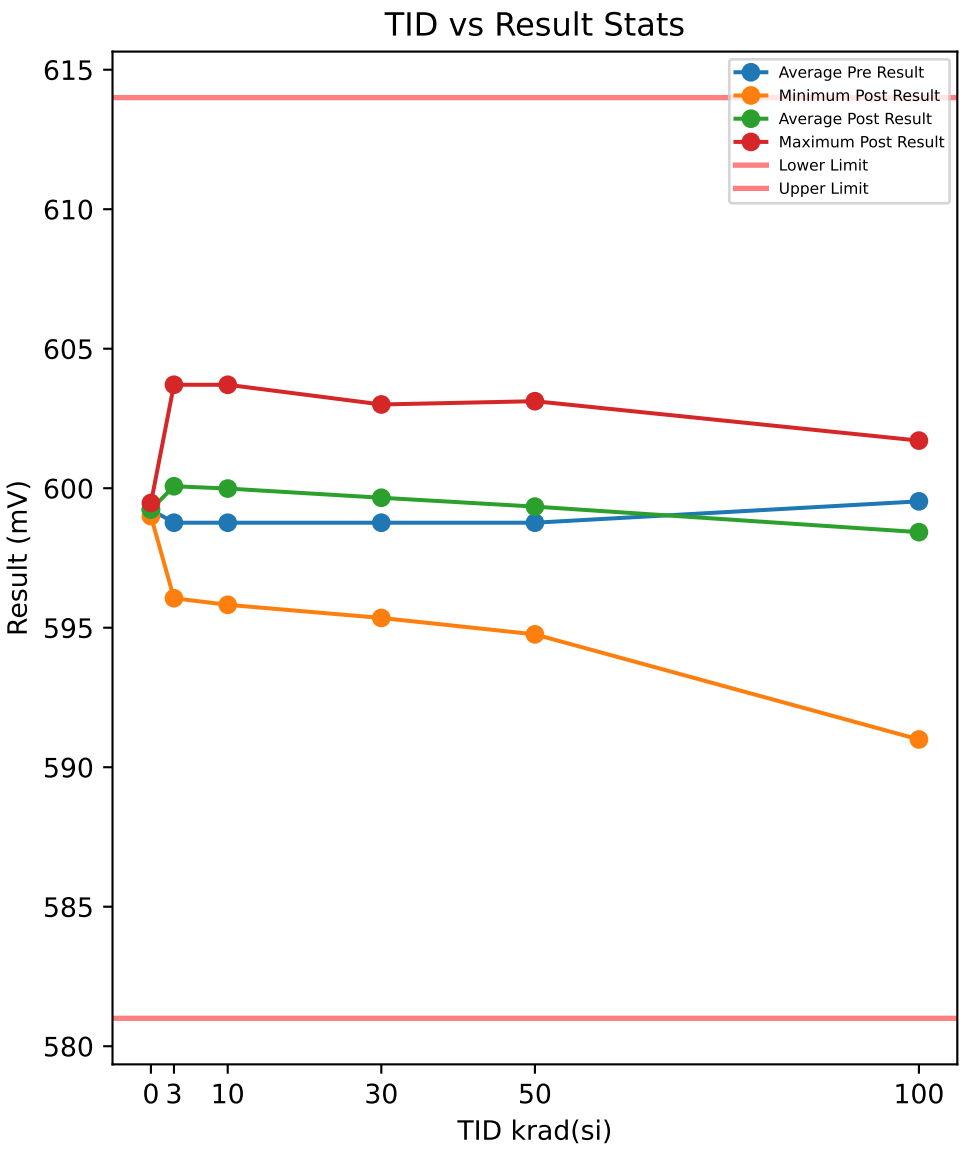


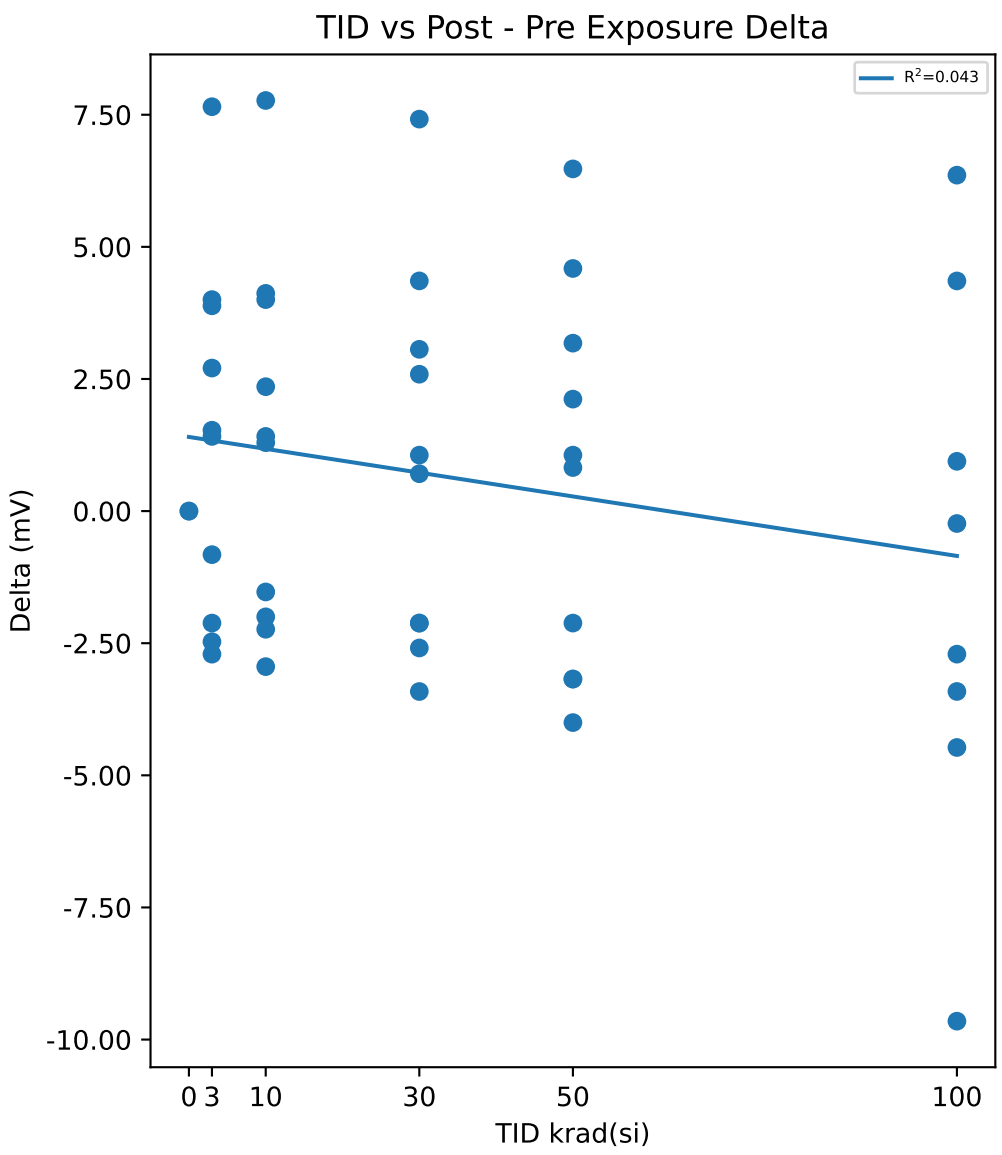
B LDR TID Report Data

This appendix contains the LDR TID report data.

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Device Test: 13.1 VTH_UP_RISING/UP/1.6/3/0/0/0/@VTH_UP





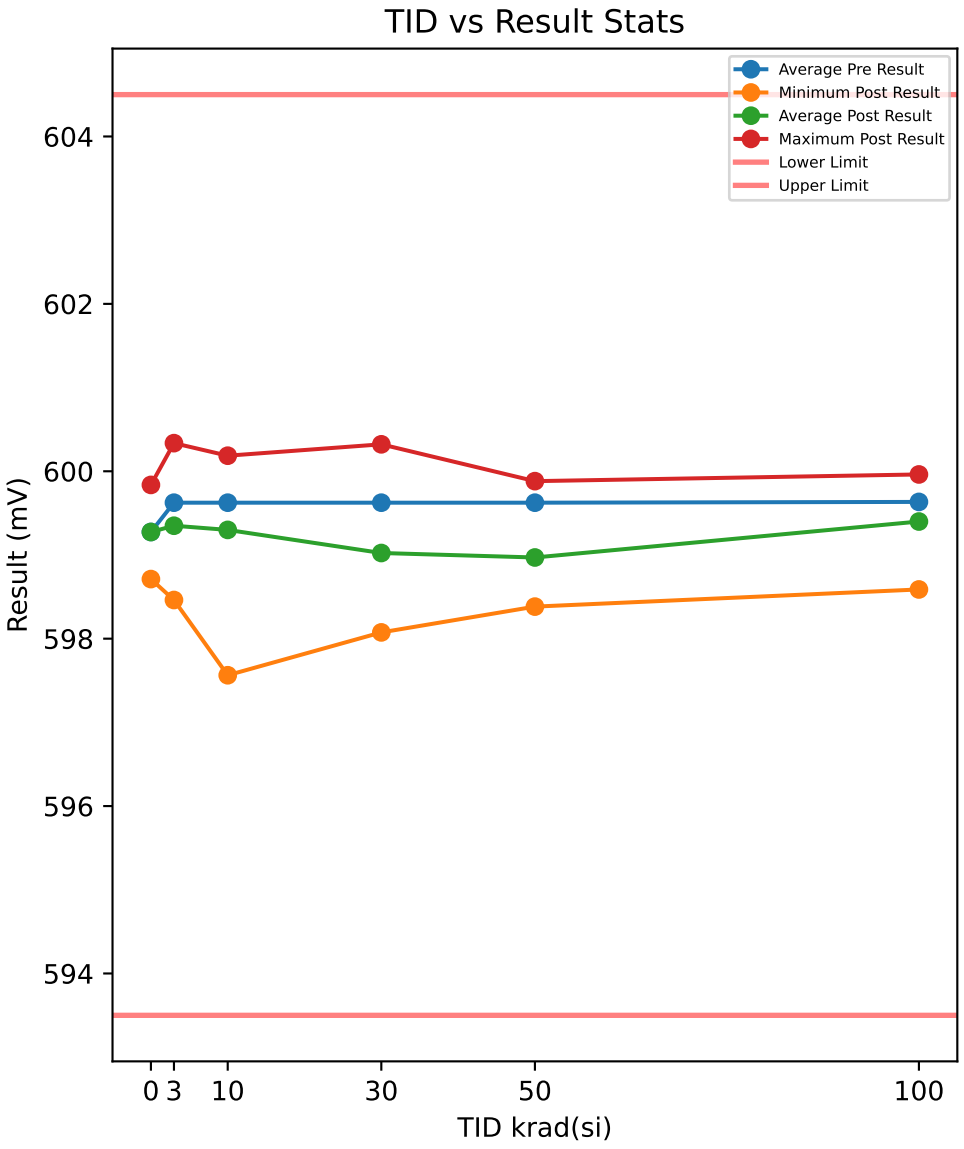
Test Results (Lower Limit = 581.0, Upper Limit = 614.0 (mV))

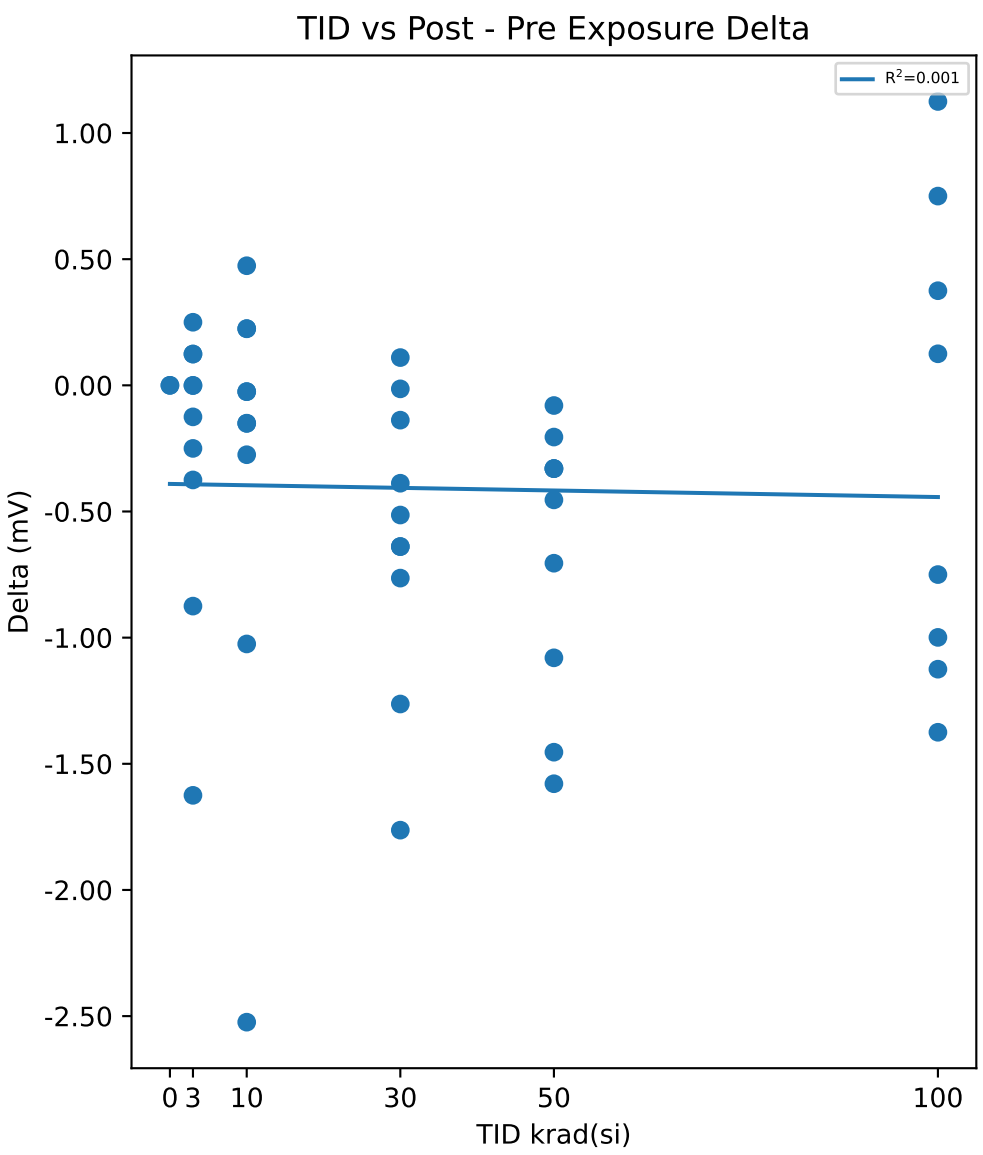
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599	599	0
7	0	Correlation	599.47	599.47	0
16	3	LDR-Biased	602.29	603.71	1.413
18	3	LDR-Biased	603.36	600.88	-2.472
19	3	LDR-Biased	604.06	601.94	-2.119
20	3	LDR-Biased	598.88	600.41	1.53
21	3	LDR-Biased	595.47	598.17	2.707
22	3	LDR-Unbiased	595.23	602.88	7.652
23	3	LDR-Unbiased	595	599	4.002
25	3	LDR-Unbiased	595	598.88	3.885
26	3	LDR-Unbiased	598.76	596.06	-2.707
27	3	LDR-Unbiased	599.59	598.76	-0.824
46	10	LDR-Biased	602.29	603.71	1.413
48	10	LDR-Biased	603.36	601.35	-2.001
49	10	LDR-Biased	604.06	601.83	-2.236
50	10	LDR-Biased	598.88	600.18	1.295
51	10	LDR-Biased	595.47	597.82	2.354
52	10	LDR-Unbiased	595.23	603	7.77
53	10	LDR-Unbiased	595	599.12	4.12
55	10	LDR-Unbiased	595	599	4.002
56	10	LDR-Unbiased	598.76	595.82	-2.943
57	10	LDR-Unbiased	599.59	598.06	-1.53
76	30	LDR-Biased	602.29	603	0.707
78	30	LDR-Biased	603.36	600.76	-2.59
79	30	LDR-Biased	604.06	601.94	-2.119
80	30	LDR-Biased	598.88	599.94	1.059
81	30	LDR-Biased	595.47	598.06	2.59
82	30	LDR-Unbiased	595.23	602.65	7.417
83	30	LDR-Unbiased	595	599.35	4.356
84	30	LDR-Unbiased	599.59	597.47	-2.119
85	30	LDR-Unbiased	595	598.06	3.061
86	30	LDR-Unbiased	598.76	595.35	-3.414
87	100	LDR-Biased	597.59	598.53	0.942
88	100	LDR-Biased	602.29	598.88	-3.413
90	100	LDR-Biased	603.36	598.88	-4.473
91	100	LDR-Unbiased	595.12	599.47	4.355
93	100	LDR-Unbiased	595.35	601.71	6.357
94	100	LDR-Unbiased	602.29	599.59	-2.707
95	100	LDR-Unbiased	600.65	591	-9.652
96	100	LDR-Unbiased	599.59	599.35	-0.235
106	50	LDR-Biased	602.29	603.12	0.824
108	50	LDR-Biased	603.36	600.18	-3.178
109	50	LDR-Biased	604.06	600.88	-3.178
110	50	LDR-Biased	598.88	599.94	1.059
111	50	LDR-Biased	595.47	597.59	2.119
112	50	LDR-Unbiased	595.23	601.71	6.475
113	50	LDR-Unbiased	595	599.59	4.591
115	50	LDR-Unbiased	595	598.17	3.178
116	50	LDR-Unbiased	598.76	594.76	-4.002
117	50	LDR-Unbiased	599.59	597.47	-2.119

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599	599.23	599.47	0.33305	599	599.23	599.47	0.33305	0	0	0	0
3	595	598.76	604.06	3.5593	596.06	600.07	603.71	2.3427	-2.707	1.3067	7.652	3.3807
10	595	598.76	604.06	3.5593	595.82	599.99	603.71	2.4881	-2.943	1.2244	7.77	3.4576
30	595	598.76	604.06	3.5593	595.35	599.66	603	2.4769	-3.414	0.8948	7.417	3.5122
50	595	598.76	604.06	3.5593	594.76	599.34	603.12	2.4101	-4.002	0.5769	6.475	3.602
100	595.12	599.53	603.36	3.2052	591	598.43	601.71	3.1557	-9.652	-1.1033	6.357	5.1092

Device Test: 13.10 VTH_SENSE4_FALLING/SENSE4/1.6/3/0/0/0/@VTH_SENSE





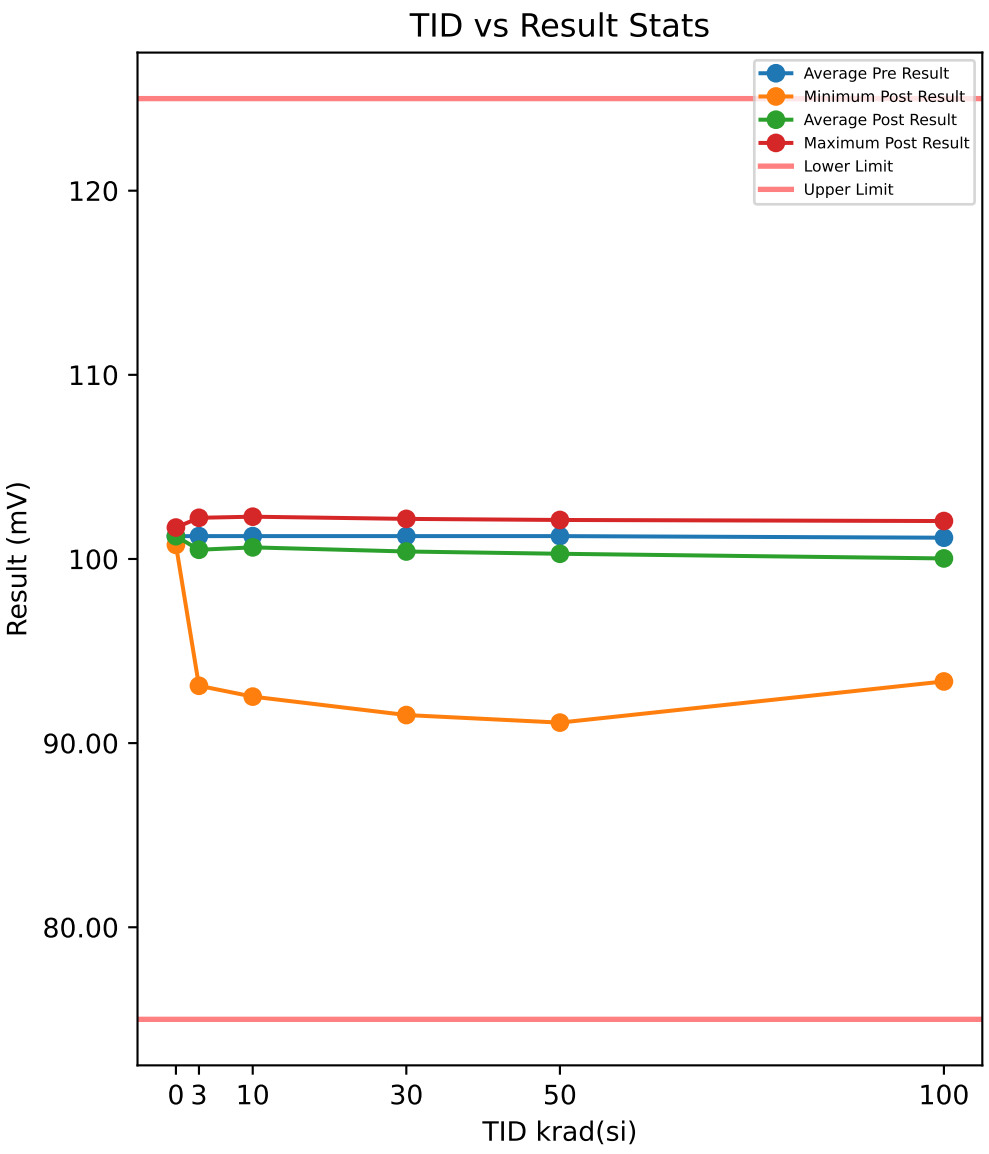
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

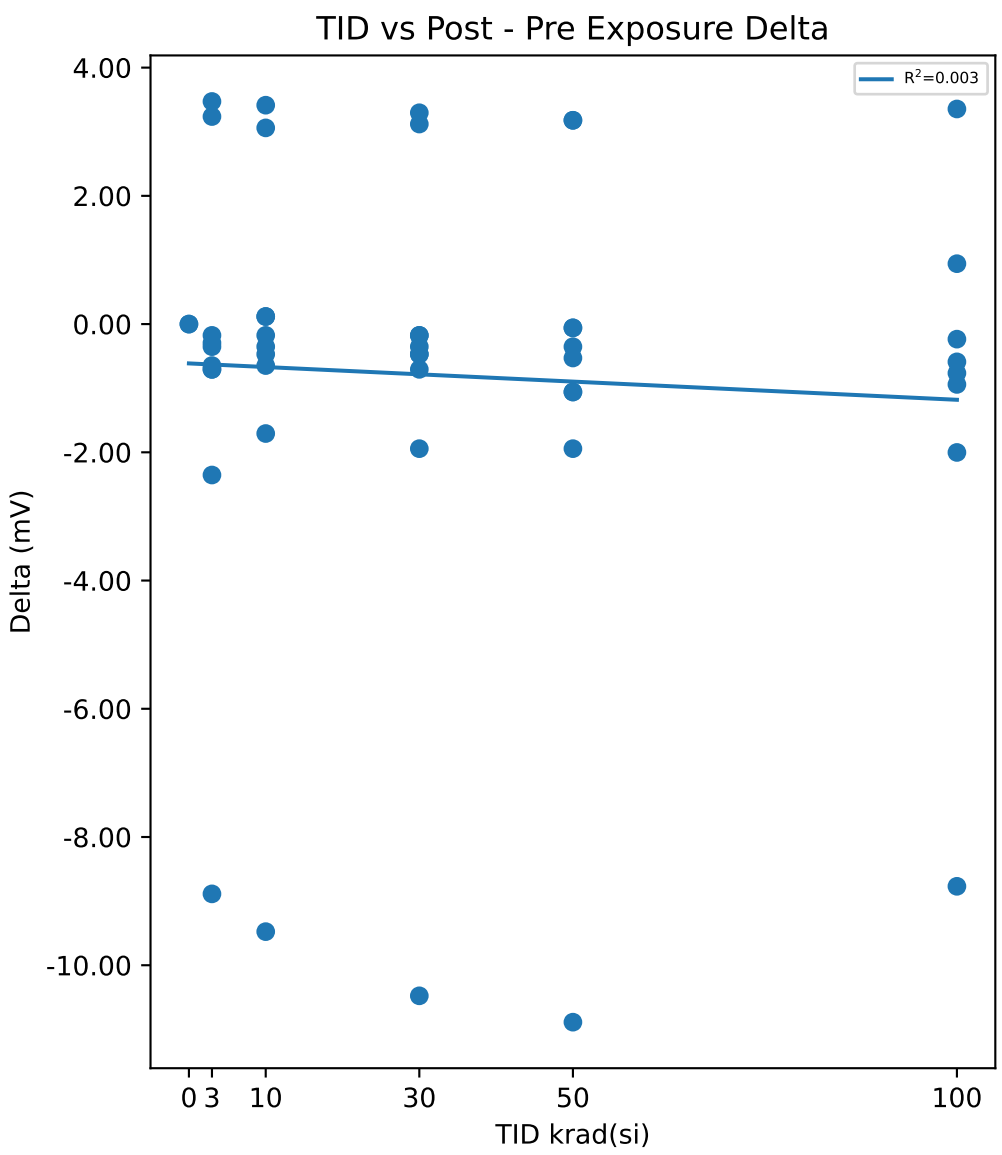
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.84	599.84	0
7	0	Correlation	598.71	598.71	0
16	3	LDR-Biased	599.96	600.21	0.25
18	3	LDR-Biased	599.96	599.96	0
19	3	LDR-Biased	599.96	599.84	-0.125
20	3	LDR-Biased	598.96	598.71	-0.25
21	3	LDR-Biased	598.46	598.46	-0.001
22	3	LDR-Unbiased	599.96	599.59	-0.375
23	3	LDR-Unbiased	598.71	598.84	0.124
25	3	LDR-Unbiased	600.21	600.34	0.124
26	3	LDR-Unbiased	599.96	599.09	-0.875
27	3	LDR-Unbiased	600.09	598.46	-1.625
46	10	LDR-Biased	599.96	600.19	0.224
48	10	LDR-Biased	599.96	599.69	-0.275
49	10	LDR-Biased	599.96	599.94	-0.025
50	10	LDR-Biased	598.96	599.19	0.225
51	10	LDR-Biased	598.46	598.31	-0.15
52	10	LDR-Unbiased	599.96	599.94	-0.025
53	10	LDR-Unbiased	598.71	599.19	0.474
55	10	LDR-Unbiased	600.21	600.06	-0.151
56	10	LDR-Unbiased	599.96	598.94	-1.025
57	10	LDR-Unbiased	600.09	597.56	-2.524
76	30	LDR-Biased	599.96	598.7	-1.263
78	30	LDR-Biased	599.96	599.2	-0.764
79	30	LDR-Biased	599.96	599.45	-0.514
80	30	LDR-Biased	598.96	598.82	-0.138
81	30	LDR-Biased	598.46	598.08	-0.388
82	30	LDR-Unbiased	599.96	599.32	-0.639
83	30	LDR-Unbiased	598.71	598.7	-0.014
84	30	LDR-Unbiased	600.09	598.32	-1.763
85	30	LDR-Unbiased	600.21	600.32	0.11
86	30	LDR-Unbiased	599.96	599.32	-0.639
87	100	LDR-Biased	599.71	599.84	0.125
88	100	LDR-Biased	600.59	599.46	-1.125
90	100	LDR-Biased	600.34	599.59	-0.75
91	100	LDR-Unbiased	598.96	599.34	0.375
93	100	LDR-Unbiased	598.84	599.96	1.125
94	100	LDR-Unbiased	600.21	598.84	-1.375
95	100	LDR-Unbiased	598.84	599.59	0.75
96	100	LDR-Unbiased	599.59	598.59	-0.999
106	50	LDR-Biased	599.96	599.63	-0.33
108	50	LDR-Biased	599.96	599.76	-0.205
109	50	LDR-Biased	599.96	598.88	-1.08
110	50	LDR-Biased	598.96	598.51	-0.454
111	50	LDR-Biased	598.46	598.38	-0.08
112	50	LDR-Unbiased	599.96	598.51	-1.454
113	50	LDR-Unbiased	598.71	598.38	-0.33
115	50	LDR-Unbiased	600.21	599.88	-0.33
116	50	LDR-Unbiased	599.96	599.26	-0.705
117	50	LDR-Unbiased	600.09	598.51	-1.579

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.71	599.27	599.84	0.7955	598.71	599.27	599.84	0.7955	0	0	0	0
3	598.46	599.62	600.21	0.64527	598.46	599.35	600.34	0.72262	-1.625	-0.2753	0.25	0.57352
10	598.46	599.62	600.21	0.64527	597.56	599.3	600.19	0.84814	-2.524	-0.3252	0.474	0.86995
30	598.46	599.62	600.21	0.64527	598.08	599.02	600.32	0.64252	-1.763	-0.6012	0.11	0.57109
50	598.46	599.62	600.21	0.64527	598.38	598.97	599.88	0.60635	-1.579	-0.6547	-0.08	0.53393
100	598.84	599.63	600.59	0.70374	598.59	599.4	599.96	0.47221	-1.375	-0.23425	1.125	0.94583

Device Test: 13.11 VTH_UP_HYS/UP/1.6/3/0/0/0/@UP_DOWN_VHYS





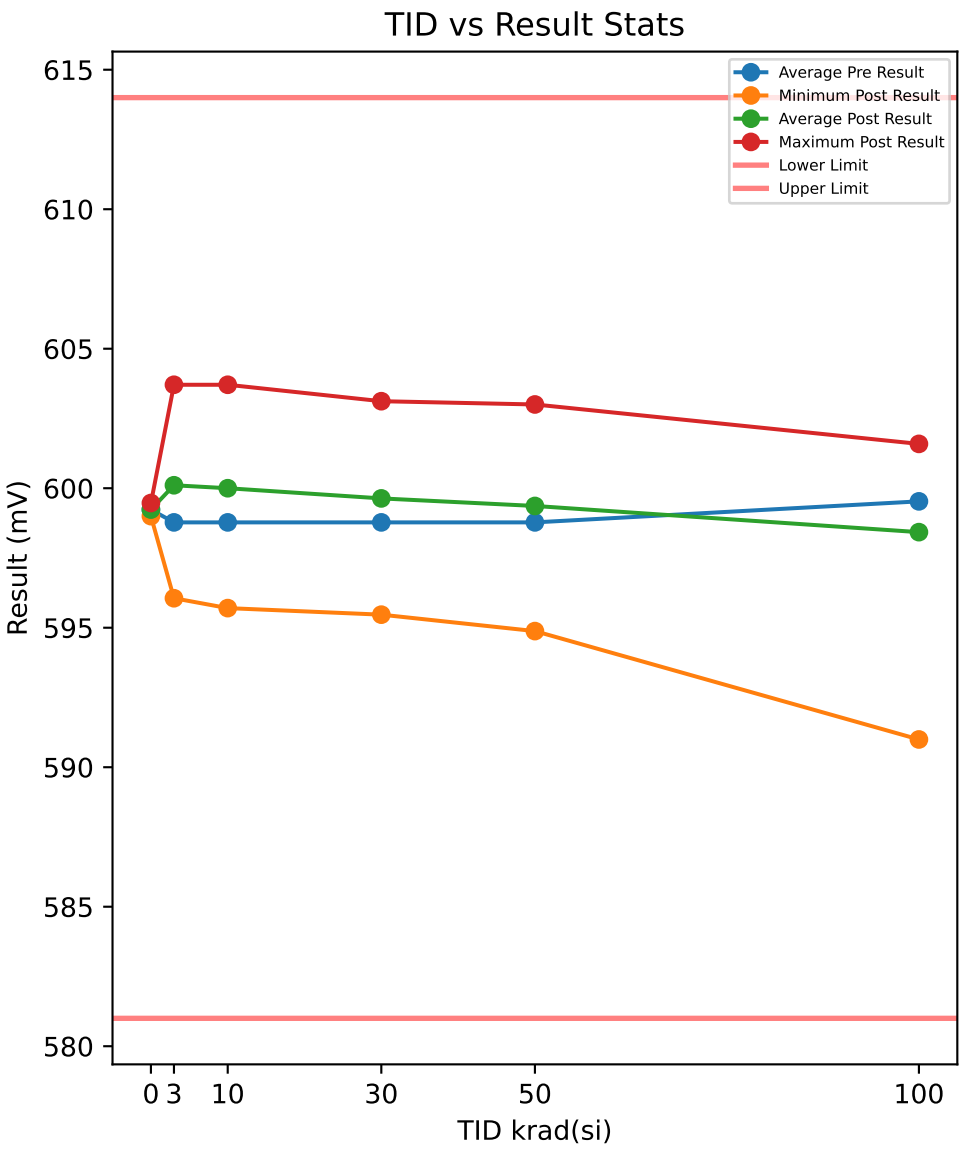
Test Results (Lower Limit = 75.0, Upper Limit = 125.0 (mV))

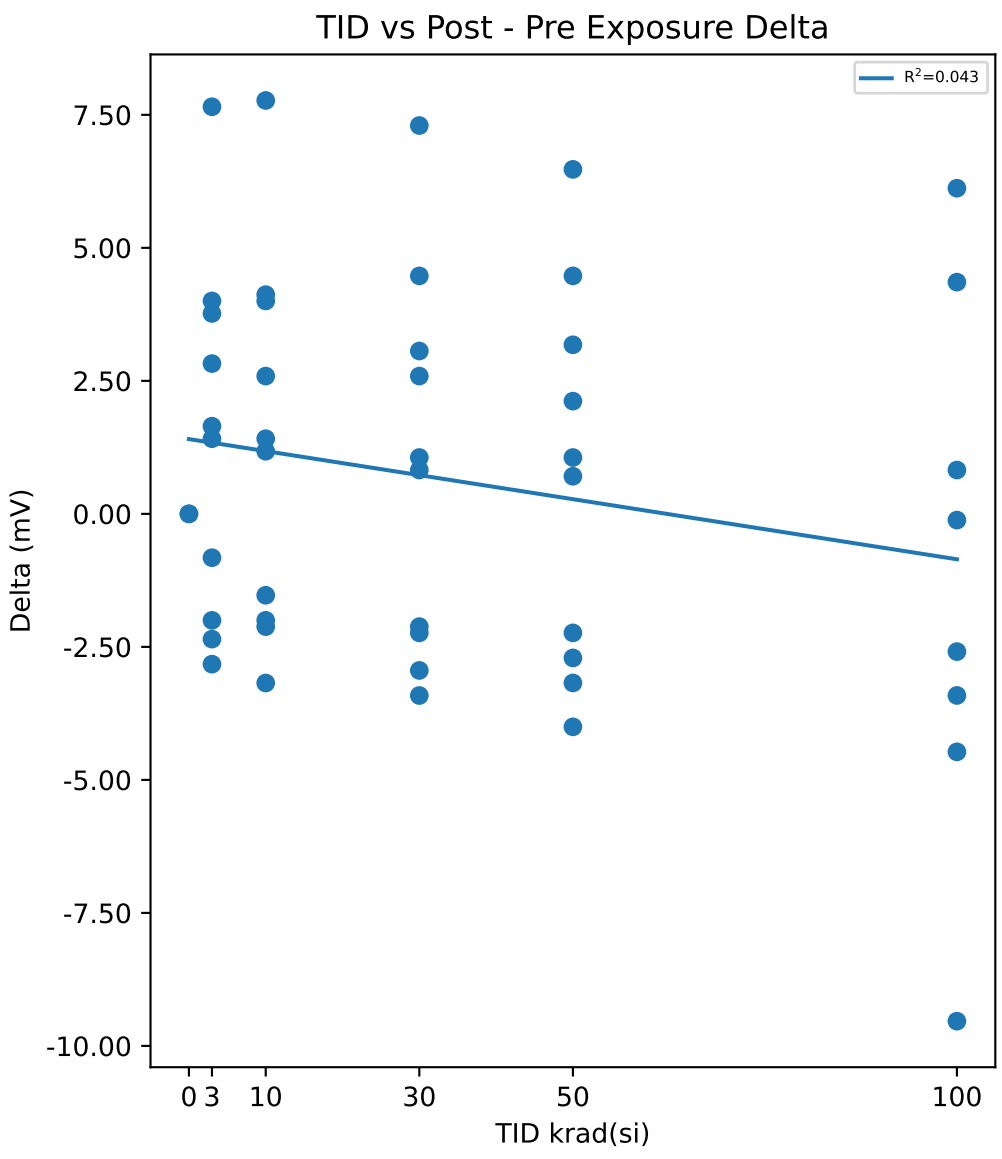
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	101.71	101.71	0
7	0	Correlation	100.77	100.77	0
16	3	LDR-Biased	102.18	101.83	-0.352
18	3	LDR-Biased	102.18	101.47	-0.706
19	3	LDR-Biased	102.35	101.65	-0.706
20	3	LDR-Biased	102.12	99.765	-2.354
21	3	LDR-Biased	98.705	101.94	3.237
22	3	LDR-Unbiased	102	101.71	-0.294
23	3	LDR-Unbiased	98.764	102.24	3.472
25	3	LDR-Unbiased	99.823	99.647	-0.176
26	3	LDR-Unbiased	102	93.114	-8.887
27	3	LDR-Unbiased	102.3	101.65	-0.647
46	10	LDR-Biased	102.18	101.83	-0.352
48	10	LDR-Biased	102.18	102.3	0.118
49	10	LDR-Biased	102.35	101.71	-0.647
50	10	LDR-Biased	102.12	100.41	-1.707
51	10	LDR-Biased	98.705	101.77	3.06
52	10	LDR-Unbiased	102	101.83	-0.176
53	10	LDR-Unbiased	98.764	102.18	3.414
55	10	LDR-Unbiased	99.823	99.941	0.118
56	10	LDR-Unbiased	102	92.525	-9.476
57	10	LDR-Unbiased	102.3	101.83	-0.47
76	30	LDR-Biased	102.18	101.83	-0.352
78	30	LDR-Biased	102.18	101.71	-0.471
79	30	LDR-Biased	102.35	102.18	-0.177
80	30	LDR-Biased	102.12	100.18	-1.943
81	30	LDR-Biased	98.705	101.83	3.12
82	30	LDR-Unbiased	102	101.83	-0.176
83	30	LDR-Unbiased	98.764	102.06	3.296
84	30	LDR-Unbiased	102.3	101.59	-0.706
85	30	LDR-Unbiased	99.823	99.353	-0.47
86	30	LDR-Unbiased	102	91.524	-10.477
87	100	LDR-Biased	97.646	98.588	0.942
88	100	LDR-Biased	102.35	101.59	-0.765
90	100	LDR-Biased	102.18	101.59	-0.589
91	100	LDR-Unbiased	101.88	99.882	-2.002
93	100	LDR-Unbiased	98.587	101.94	3.355
94	100	LDR-Unbiased	102.18	101.24	-0.941
95	100	LDR-Unbiased	102.12	93.349	-8.769
96	100	LDR-Unbiased	102.3	102.06	-0.235
106	50	LDR-Biased	102.18	102.12	-0.059
108	50	LDR-Biased	102.18	101.12	-1.059
109	50	LDR-Biased	102.35	101.3	-1.059
110	50	LDR-Biased	102.12	100.18	-1.943
111	50	LDR-Biased	98.705	101.88	3.179
112	50	LDR-Unbiased	102	101.94	-0.059
113	50	LDR-Unbiased	98.764	101.94	3.178
115	50	LDR-Unbiased	99.823	99.47	-0.353
116	50	LDR-Unbiased	102	91.113	-10.888
117	50	LDR-Unbiased	102.3	101.77	-0.529

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100.77	101.24	101.71	0.66539	100.77	101.24	101.71	0.66539	0	0	0	0
3	98.705	101.24	102.35	1.5132	93.114	100.5	102.24	2.7428	-8.887	-0.7413	3.472	3.3865
10	98.705	101.24	102.35	1.5132	92.525	100.63	102.3	2.9461	-9.476	-0.6118	3.414	3.5088
30	98.705	101.24	102.35	1.5132	91.524	100.41	102.18	3.2499	-10.477	-0.8356	3.296	3.7754
50	98.705	101.24	102.35	1.5132	91.113	100.28	102.12	3.3353	-10.888	-0.9592	3.179	3.8871
100	97.646	101.15	102.35	1.8972	93.349	100.03	102.06	2.9479	-8.769	-1.1255	3.355	3.4803

Device Test: 13.12 VTH_UP_RISING/UP/7/3/0/0/0/@VTH_UP





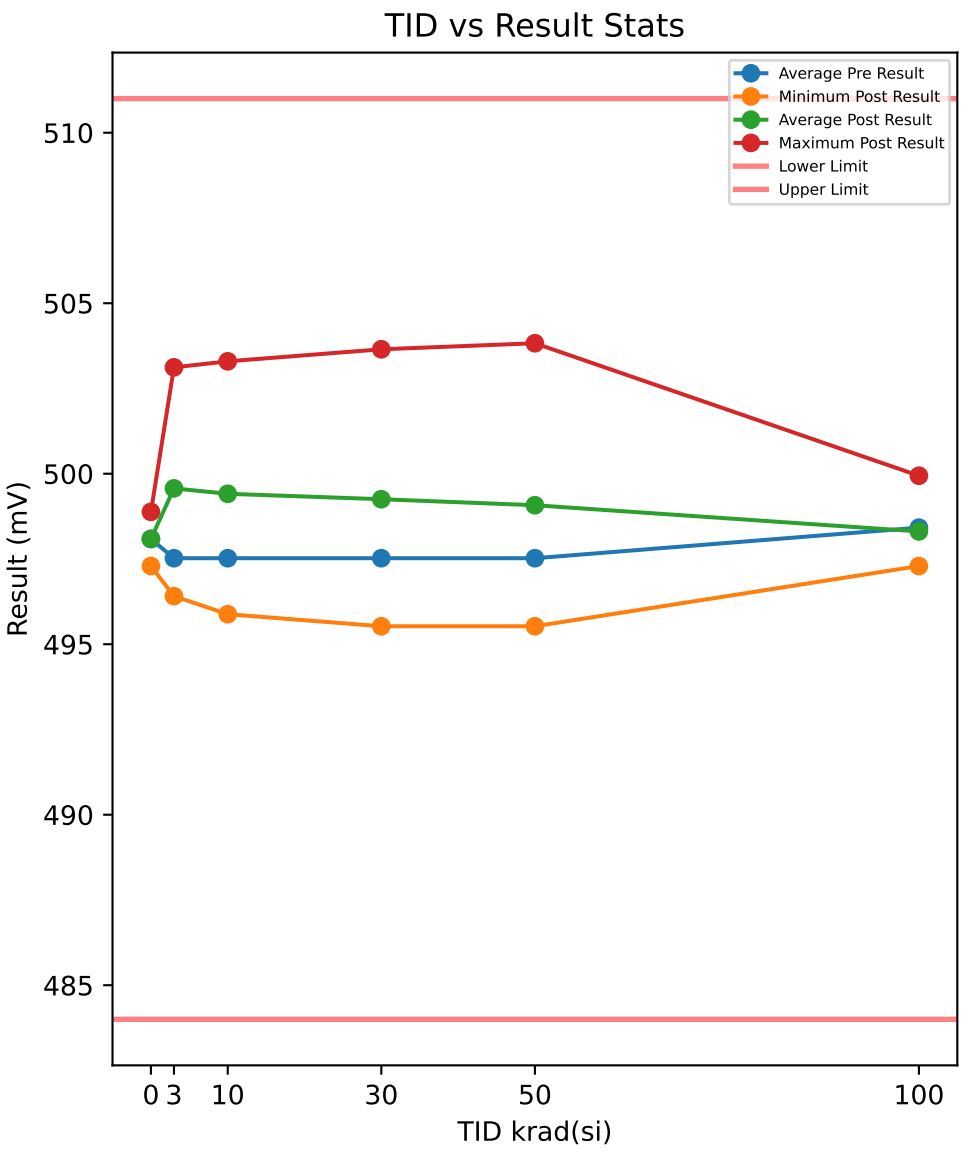
Test Results (Lower Limit = 581.0, Upper Limit = 614.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599	599	0
7	0	Correlation	599.47	599.47	0
16	3	LDR-Biased	602.29	603.71	1.413
18	3	LDR-Biased	603.36	601	-2.354
19	3	LDR-Biased	604.06	602.06	-2.001
20	3	LDR-Biased	598.88	600.53	1.648
21	3	LDR-Biased	595.47	598.29	2.825
22	3	LDR-Unbiased	595.23	602.88	7.652
23	3	LDR-Unbiased	595	599	4.002
25	3	LDR-Unbiased	595	598.76	3.767
26	3	LDR-Unbiased	598.88	596.06	-2.825
27	3	LDR-Unbiased	599.59	598.76	-0.824
46	10	LDR-Biased	602.29	603.71	1.413
48	10	LDR-Biased	603.36	601.35	-2.001
49	10	LDR-Biased	604.06	601.94	-2.119
50	10	LDR-Biased	598.88	600.06	1.177
51	10	LDR-Biased	595.47	598.06	2.59
52	10	LDR-Unbiased	595.23	603	7.77
53	10	LDR-Unbiased	595	599.12	4.12
55	10	LDR-Unbiased	595	599	4.002
56	10	LDR-Unbiased	598.88	595.7	-3.179
57	10	LDR-Unbiased	599.59	598.06	-1.53
76	30	LDR-Biased	602.29	603.12	0.824
78	30	LDR-Biased	603.36	600.41	-2.943
79	30	LDR-Biased	604.06	601.94	-2.119
80	30	LDR-Biased	598.88	599.94	1.059
81	30	LDR-Biased	595.47	598.06	2.59
82	30	LDR-Unbiased	595.23	602.53	7.299
83	30	LDR-Unbiased	595	599.47	4.473
84	30	LDR-Unbiased	599.59	597.35	-2.237
85	30	LDR-Unbiased	595	598.06	3.061
86	30	LDR-Unbiased	598.88	595.47	-3.414
87	100	LDR-Biased	597.59	598.41	0.824
88	100	LDR-Biased	602.29	598.88	-3.413
90	100	LDR-Biased	603.36	598.88	-4.473
91	100	LDR-Unbiased	595.23	599.59	4.356
93	100	LDR-Unbiased	595.47	601.59	6.121
94	100	LDR-Unbiased	602.29	599.71	-2.589
95	100	LDR-Unbiased	600.53	591	-9.535
96	100	LDR-Unbiased	599.47	599.35	-0.117
106	50	LDR-Biased	602.29	603	0.707
108	50	LDR-Biased	603.36	600.65	-2.708
109	50	LDR-Biased	604.06	600.88	-3.178
110	50	LDR-Biased	598.88	599.94	1.059
111	50	LDR-Biased	595.47	597.59	2.119
112	50	LDR-Unbiased	595.23	601.71	6.475
113	50	LDR-Unbiased	595	599.47	4.473
115	50	LDR-Unbiased	595	598.17	3.178
116	50	LDR-Unbiased	598.88	594.88	-4.003
117	50	LDR-Unbiased	599.59	597.35	-2.237

Test Statistics (mV)

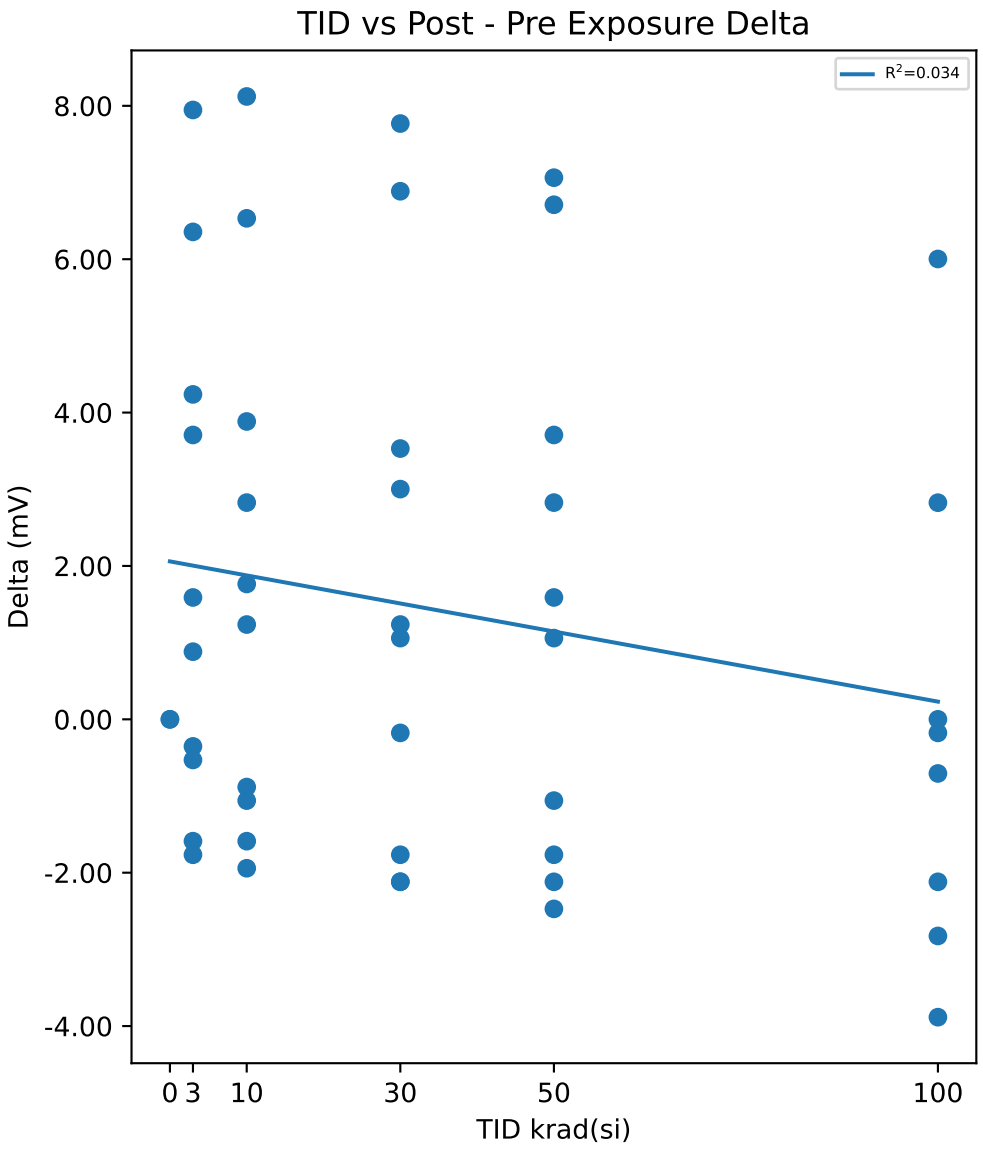
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599	599.23	599.47	0.33305	599	599.23	599.47	0.33305	0	0	0	0
3	595	598.78	604.06	3.5595	596.06	600.11	603.71	2.357	-2.825	1.3303	7.652	3.3658
10	595	598.78	604.06	3.5595	595.7	600	603.71	2.498	-3.179	1.2243	7.77	3.4866
30	595	598.78	604.06	3.5595	595.47	599.63	603.12	2.4524	-3.414	0.8593	7.299	3.5526
50	595	598.78	604.06	3.5595	594.88	599.36	603	2.3982	-4.003	0.5885	6.475	3.5456
100	595.23	599.53	603.36	3.1549	591	598.43	601.59	3.1507	-9.535	-1.1033	6.121	5.0238

Device Test: 13.13 VTH_DOWNb_FALLING/DOWNb/7/3/0/0/0/@VTH_DOWN



Test Results (Lower Limit = 484.0, Upper Limit = 511.0 (mV))

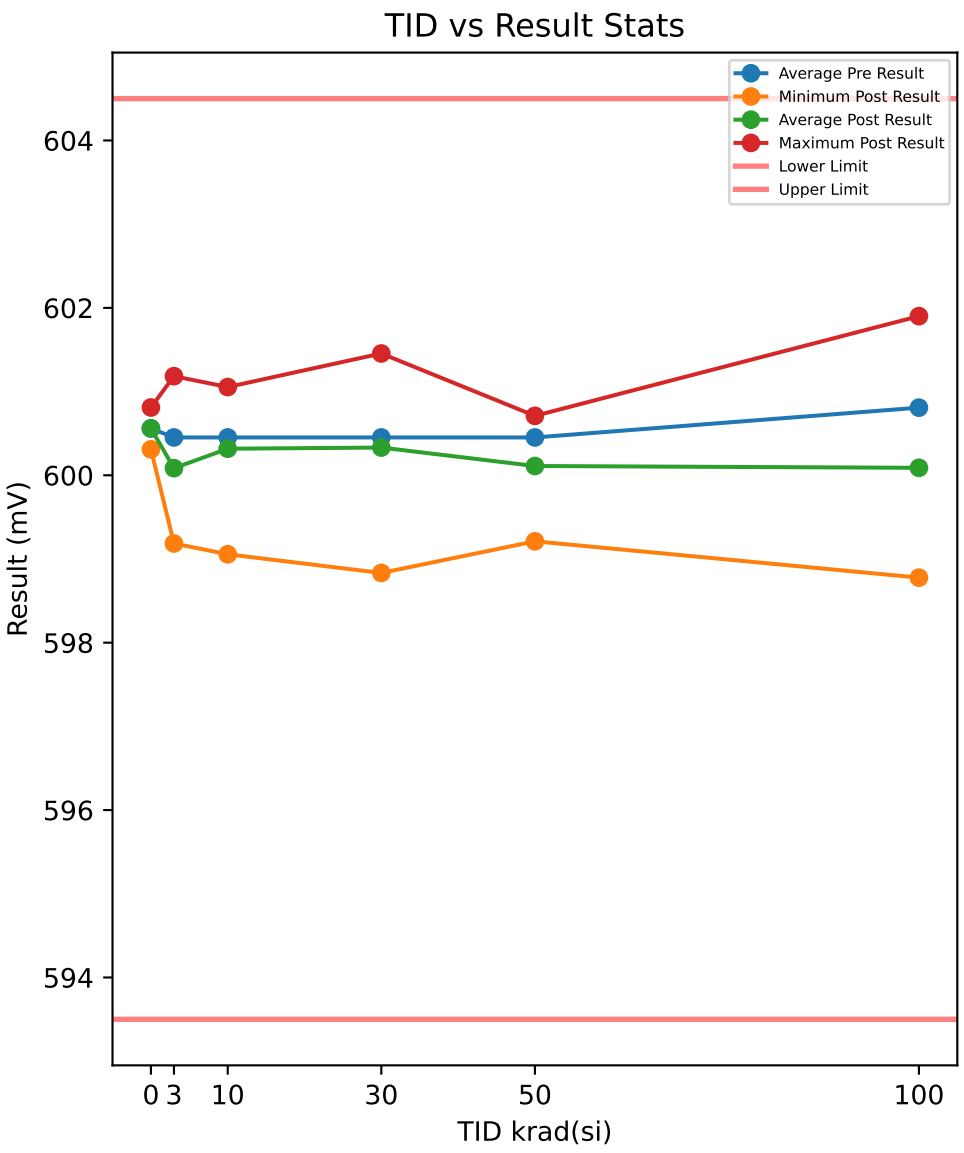
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	497.29	497.29	0
7	0	Correlation	498.88	498.88	0
16	3	LDR-Biased	500.12	501.71	1.589
18	3	LDR-Biased	501.18	499.41	-1.766
19	3	LDR-Biased	501.88	500.29	-1.589
20	3	LDR-Biased	496.94	500.65	3.708
21	3	LDR-Biased	496.76	496.41	-0.353
22	3	LDR-Unbiased	493.06	501	7.946
23	3	LDR-Unbiased	496.06	496.94	0.882
25	3	LDR-Unbiased	495.17	499.41	4.237
26	3	LDR-Unbiased	496.76	503.12	6.356
27	3	LDR-Unbiased	497.29	496.76	-0.53
46	10	LDR-Biased	500.12	501.88	1.765
48	10	LDR-Biased	501.18	499.24	-1.942
49	10	LDR-Biased	501.88	500.29	-1.589
50	10	LDR-Biased	496.94	499.76	2.826
51	10	LDR-Biased	496.76	495.88	-0.883
52	10	LDR-Unbiased	493.06	501.18	8.122
53	10	LDR-Unbiased	496.06	497.29	1.236
55	10	LDR-Unbiased	495.17	499.06	3.884
56	10	LDR-Unbiased	496.76	503.3	6.533
57	10	LDR-Unbiased	497.29	496.23	-1.06
76	30	LDR-Biased	500.12	501.18	1.059
78	30	LDR-Biased	501.18	499.06	-2.119
79	30	LDR-Biased	501.88	499.76	-2.118
80	30	LDR-Biased	496.94	499.94	3.002
81	30	LDR-Biased	496.76	496.59	-0.177
82	30	LDR-Unbiased	493.06	500.82	7.769
83	30	LDR-Unbiased	496.06	497.29	1.236
84	30	LDR-Unbiased	497.29	495.53	-1.766
85	30	LDR-Unbiased	495.17	498.7	3.531
86	30	LDR-Unbiased	496.76	503.65	6.886
87	100	LDR-Biased	500.12	499.94	-0.177
88	100	LDR-Biased	500.12	497.29	-2.825
90	100	LDR-Biased	501.18	497.29	-3.884
91	100	LDR-Unbiased	493.41	499.41	6.003
93	100	LDR-Unbiased	496.76	499.59	2.825
94	100	LDR-Unbiased	500.12	498	-2.119
95	100	LDR-Unbiased	498.35	497.65	-0.706
96	100	LDR-Unbiased	497.29	497.29	0
106	50	LDR-Biased	500.12	501.18	1.059
108	50	LDR-Biased	501.18	499.06	-2.119
109	50	LDR-Biased	501.88	499.41	-2.472
110	50	LDR-Biased	496.94	499.76	2.826
111	50	LDR-Biased	496.76	495.7	-1.06
112	50	LDR-Unbiased	493.06	499.76	6.71
113	50	LDR-Unbiased	496.06	497.65	1.589
115	50	LDR-Unbiased	495.17	498.88	3.708
116	50	LDR-Unbiased	496.76	503.83	7.063
117	50	LDR-Unbiased	497.29	495.53	-1.766

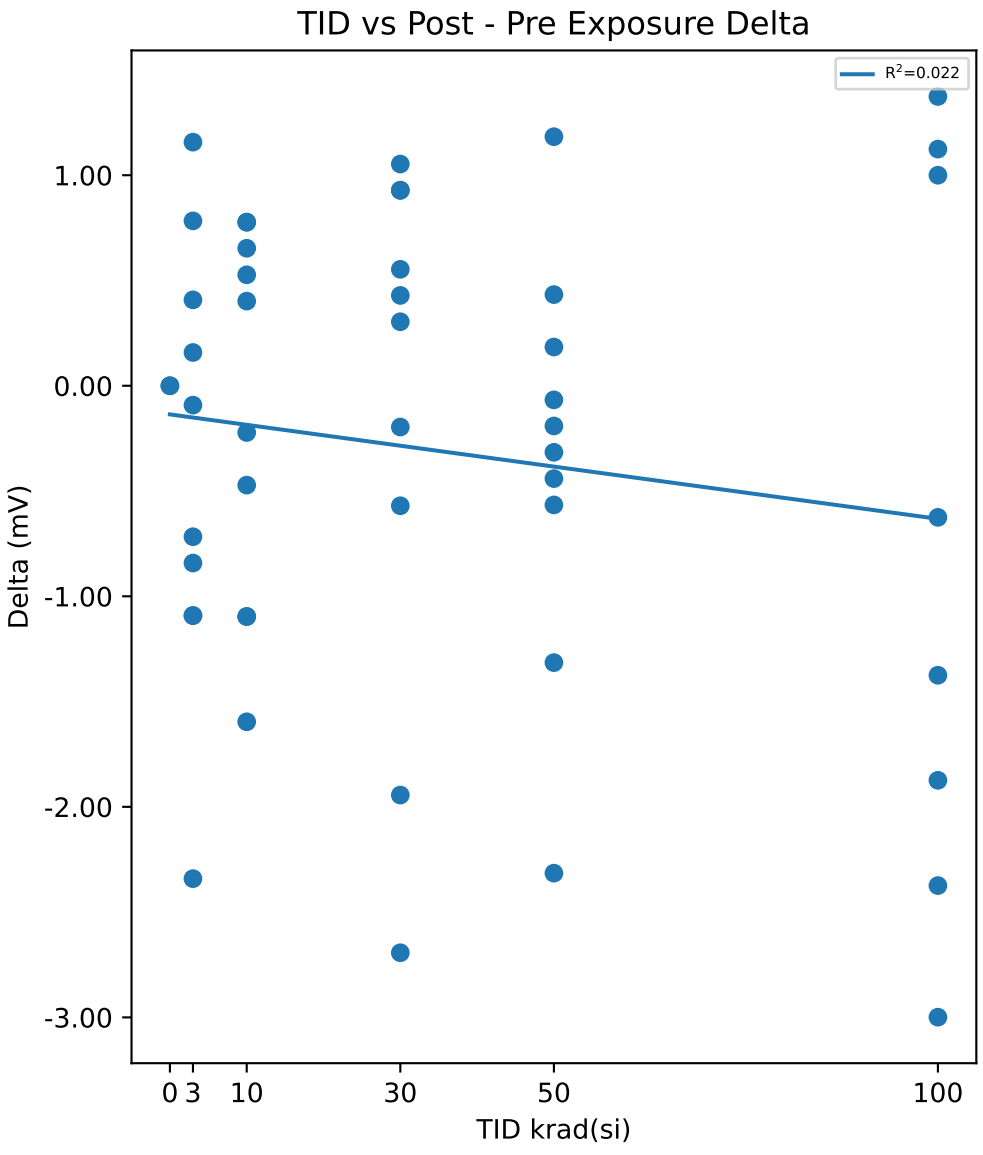


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	497.29	498.09	498.88	1.1236	497.29	498.09	498.88	1.1236	0	0	0	0
3	493.06	497.52	501.88	2.7543	496.41	499.57	503.12	2.2542	-1.766	2.048	7.946	3.3772
10	493.06	497.52	501.88	2.7543	495.88	499.41	503.3	2.4138	-1.942	1.8892	8.122	3.478
30	493.06	497.52	501.88	2.7543	495.53	499.25	503.65	2.3899	-2.119	1.7303	7.769	3.5604
50	493.06	497.52	501.88	2.7543	495.53	499.08	503.83	2.4516	-2.472	1.5538	7.063	3.5118
100	493.41	498.42	501.18	2.5465	497.29	498.31	499.94	1.1431	-3.884	-0.11037	6.003	3.2073

Device Test: 13.14 VTH_SENSE1_RISING/SENSE1/7/3/0/0/0/@VTH_SENSE





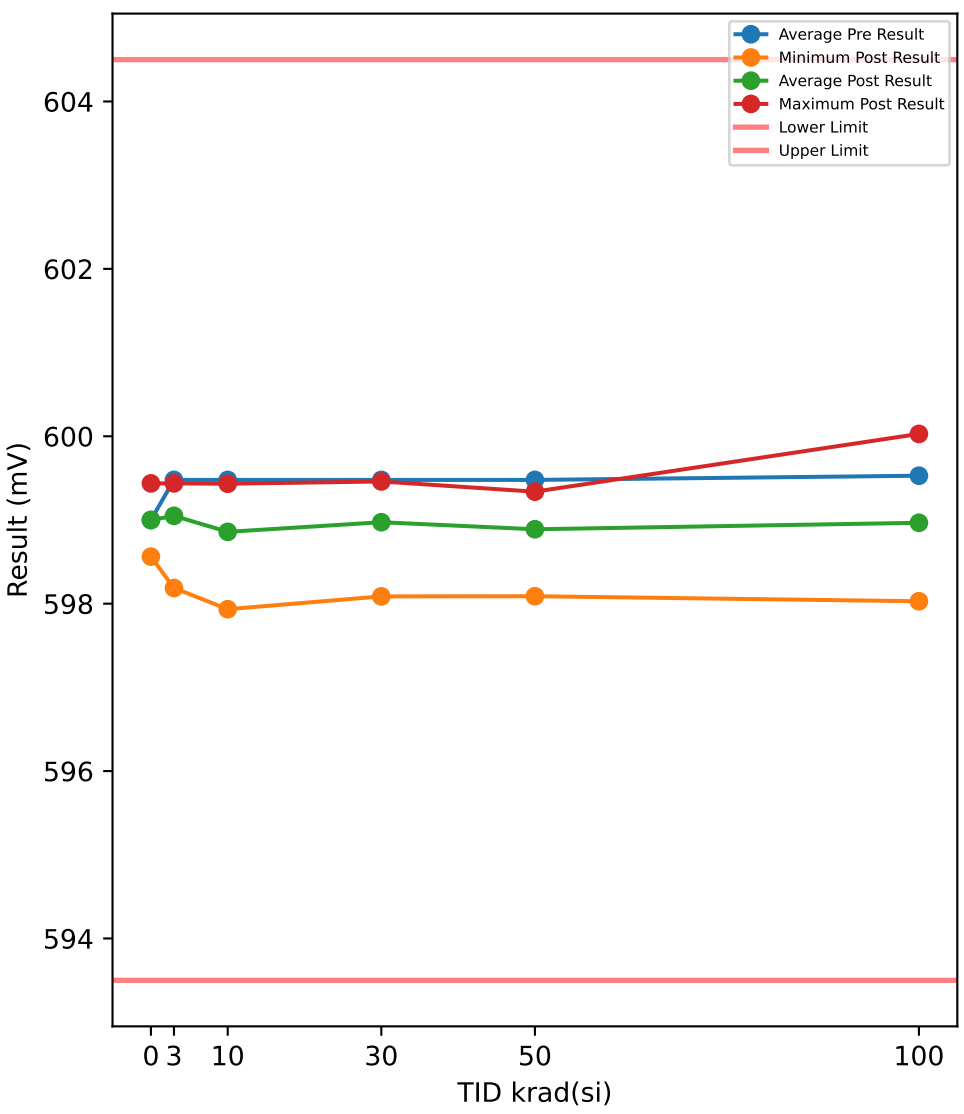
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

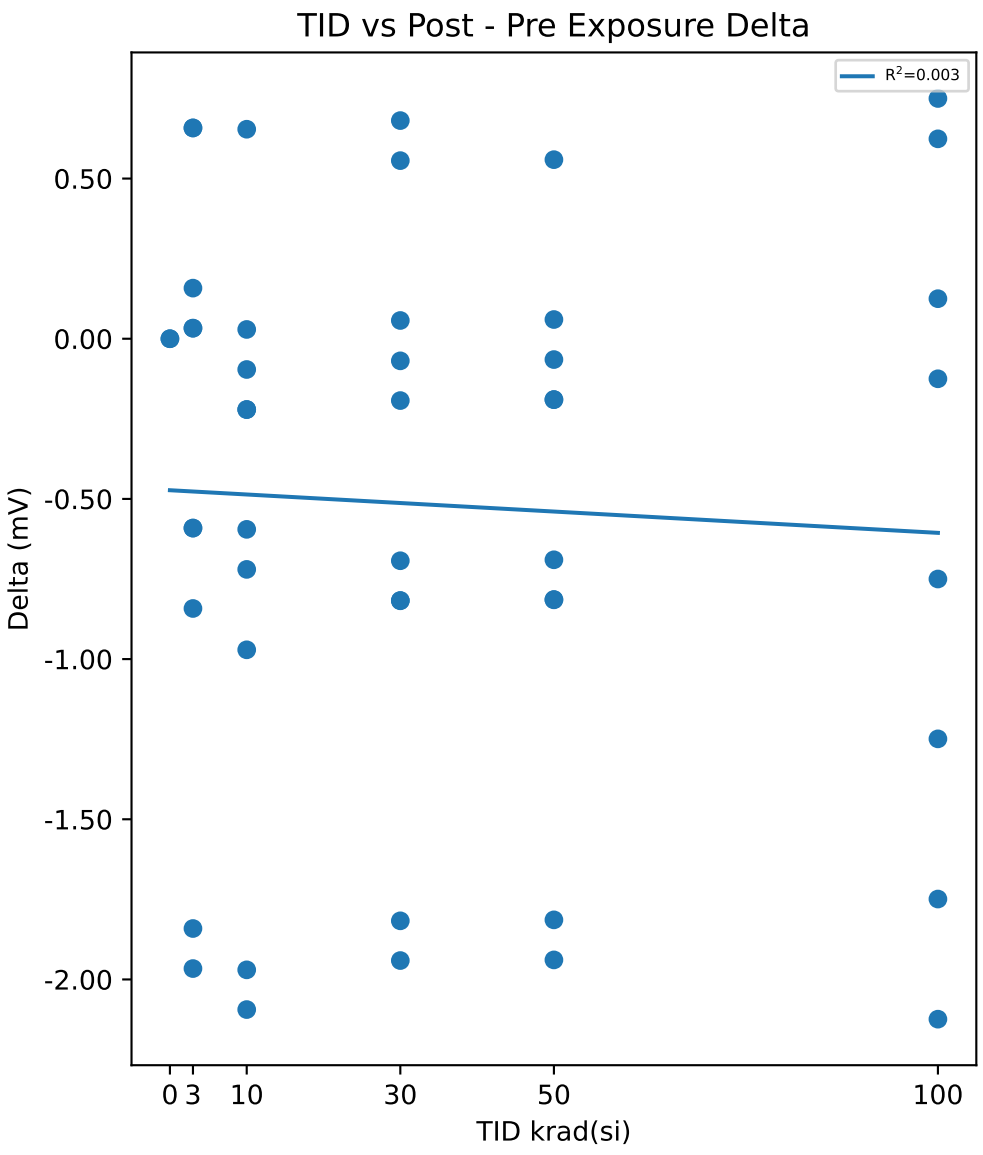
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.31	600.31	0
7	0	Correlation	600.81	600.81	0
16	3	LDR-Biased	601.53	599.18	-2.341
18	3	LDR-Biased	600.28	600.18	-0.092
19	3	LDR-Biased	600.53	599.81	-0.717
20	3	LDR-Biased	600.15	600.56	0.408
21	3	LDR-Biased	600.03	600.18	0.158
22	3	LDR-Unbiased	600.53	599.43	-1.092
23	3	LDR-Unbiased	599.53	600.31	0.783
25	3	LDR-Unbiased	600.03	601.18	1.157
26	3	LDR-Unbiased	600.53	599.68	-0.842
27	3	LDR-Unbiased	601.4	600.31	-1.091
46	10	LDR-Biased	601.53	599.93	-1.596
48	10	LDR-Biased	600.28	600.05	-0.222
49	10	LDR-Biased	600.53	600.93	0.402
50	10	LDR-Biased	600.15	599.06	-1.096
51	10	LDR-Biased	600.03	600.8	0.777
52	10	LDR-Unbiased	600.53	600.05	-0.472
53	10	LDR-Unbiased	599.53	600.18	0.653
55	10	LDR-Unbiased	600.03	600.8	0.777
56	10	LDR-Unbiased	600.53	601.05	0.527
57	10	LDR-Unbiased	601.4	600.3	-1.096
76	30	LDR-Biased	601.53	598.83	-2.693
78	30	LDR-Biased	600.28	600.08	-0.196
79	30	LDR-Biased	600.53	601.46	0.928
80	30	LDR-Biased	600.15	600.58	0.429
81	30	LDR-Biased	600.03	601.08	1.053
82	30	LDR-Unbiased	600.53	599.96	-0.57
83	30	LDR-Unbiased	599.53	600.46	0.929
84	30	LDR-Unbiased	601.4	599.46	-1.944
85	30	LDR-Unbiased	600.03	600.33	0.304
86	30	LDR-Unbiased	600.53	601.08	0.553
87	100	LDR-Biased	601.78	599.9	-1.874
88	100	LDR-Biased	601.53	599.15	-2.374
90	100	LDR-Biased	599.4	600.4	1
91	100	LDR-Unbiased	600.03	601.4	1.374
93	100	LDR-Unbiased	600.78	601.9	1.124
94	100	LDR-Unbiased	601.78	598.78	-2.999
95	100	LDR-Unbiased	600.53	599.9	-0.625
96	100	LDR-Unbiased	600.65	599.28	-1.375
106	50	LDR-Biased	601.53	599.21	-2.315
108	50	LDR-Biased	600.28	599.71	-0.566
109	50	LDR-Biased	600.53	600.34	-0.191
110	50	LDR-Biased	600.15	599.71	-0.441
111	50	LDR-Biased	600.03	600.46	0.433
112	50	LDR-Unbiased	600.53	600.21	-0.316
113	50	LDR-Unbiased	599.53	600.71	1.183
115	50	LDR-Unbiased	600.03	600.21	0.184
116	50	LDR-Unbiased	600.53	600.46	-0.067
117	50	LDR-Unbiased	601.4	600.09	-1.315

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.31	600.56	600.81	0.35355	600.31	600.56	600.81	0.35355	0	0	0	0
3	599.53	600.45	601.53	0.6154	599.18	600.08	601.18	0.57954	-2.341	-0.3669	1.157	1.0484
10	599.53	600.45	601.53	0.6154	599.06	600.32	601.05	0.60444	-1.596	-0.1346	0.777	0.88905
30	599.53	600.45	601.53	0.6154	598.83	600.33	601.46	0.79399	-2.693	-0.1207	1.053	1.2765
50	599.53	600.45	601.53	0.6154	599.21	600.11	600.71	0.44767	-2.315	-0.3411	1.183	0.95461
100	599.4	600.81	601.78	0.85194	598.78	600.09	601.9	1.0975	-2.999	-0.71862	1.374	1.7089

Device Test: 13.15 VTH_SENSE1_FALLING/SENSE1/7/3/0/0/0/@VTH_SENSE





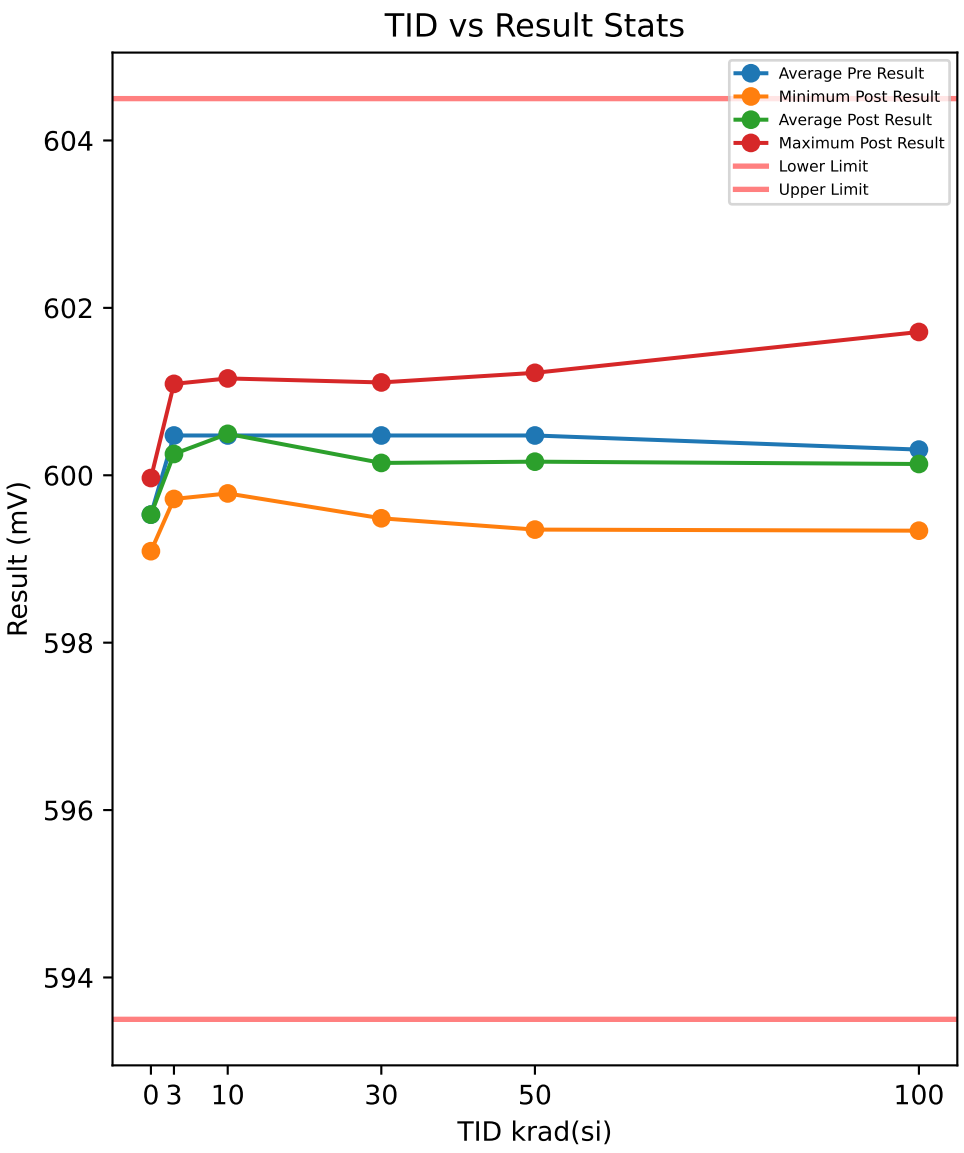
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

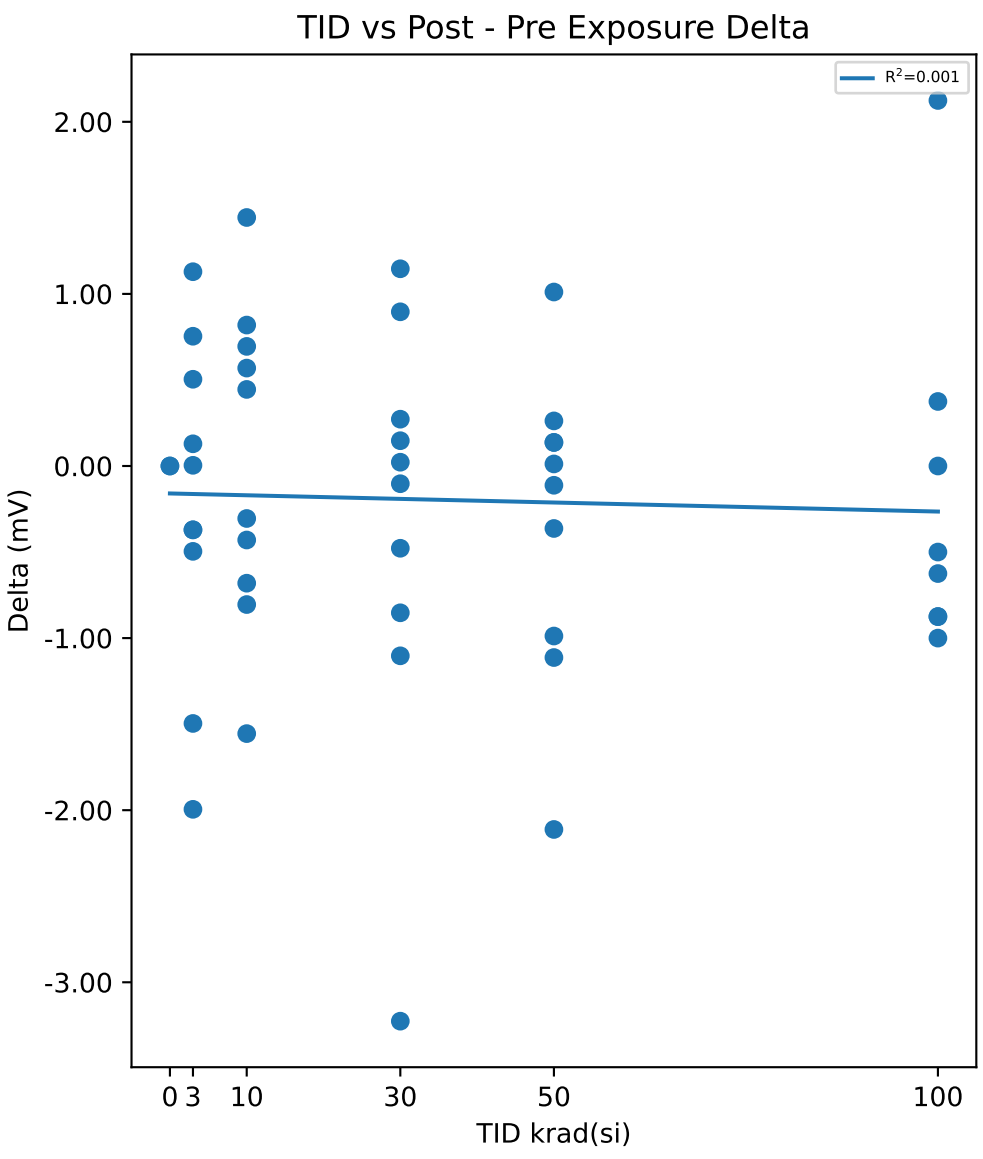
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.56	598.56	0
7	0	Correlation	599.44	599.44	0
16	3	LDR-Biased	600.03	598.19	-1.841
18	3	LDR-Biased	599.53	598.69	-0.842
19	3	LDR-Biased	600.03	599.44	-0.591
20	3	LDR-Biased	598.9	598.94	0.033
21	3	LDR-Biased	598.78	599.44	0.658
22	3	LDR-Unbiased	598.65	598.81	0.158
23	3	LDR-Unbiased	598.78	599.44	0.658
25	3	LDR-Unbiased	600.03	599.44	-0.591
26	3	LDR-Unbiased	599.4	599.44	0.033
27	3	LDR-Unbiased	600.65	598.69	-1.966
46	10	LDR-Biased	600.03	597.93	-2.094
48	10	LDR-Biased	599.53	598.56	-0.971
49	10	LDR-Biased	600.03	599.31	-0.72
50	10	LDR-Biased	598.9	598.68	-0.221
51	10	LDR-Biased	598.78	599.43	0.654
52	10	LDR-Unbiased	598.65	598.56	-0.096
53	10	LDR-Unbiased	598.78	598.56	-0.221
55	10	LDR-Unbiased	600.03	599.43	-0.595
56	10	LDR-Unbiased	599.4	599.43	0.029
57	10	LDR-Unbiased	600.65	598.68	-1.97
76	30	LDR-Biased	600.03	598.09	-1.941
78	30	LDR-Biased	599.53	598.71	-0.818
79	30	LDR-Biased	600.03	599.34	-0.693
80	30	LDR-Biased	598.9	598.71	-0.193
81	30	LDR-Biased	598.78	599.34	0.556
82	30	LDR-Unbiased	598.65	598.71	0.057
83	30	LDR-Unbiased	598.78	599.46	0.681
84	30	LDR-Unbiased	600.65	598.84	-1.817
85	30	LDR-Unbiased	600.03	599.21	-0.817
86	30	LDR-Unbiased	599.4	599.34	-0.069
87	100	LDR-Biased	599.4	599.53	0.125
88	100	LDR-Biased	600.15	598.9	-1.249
90	100	LDR-Biased	598.9	598.78	-0.125
91	100	LDR-Unbiased	598.78	599.53	0.75
93	100	LDR-Unbiased	599.4	600.03	0.624
94	100	LDR-Unbiased	600.03	598.28	-1.749
95	100	LDR-Unbiased	599.4	598.65	-0.75
96	100	LDR-Unbiased	600.15	598.03	-2.124
106	50	LDR-Biased	600.03	598.09	-1.939
108	50	LDR-Biased	599.53	598.71	-0.815
109	50	LDR-Biased	600.03	599.34	-0.69
110	50	LDR-Biased	598.9	598.71	-0.19
111	50	LDR-Biased	598.78	598.71	-0.065
112	50	LDR-Unbiased	598.65	598.71	0.06
113	50	LDR-Unbiased	598.78	599.34	0.559
115	50	LDR-Unbiased	600.03	599.21	-0.814
116	50	LDR-Unbiased	599.4	599.21	-0.19
117	50	LDR-Unbiased	600.65	598.84	-1.814

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.56	599	599.44	0.61872	598.56	599	599.44	0.61872	0	0	0	0
3	598.65	599.48	600.65	0.68975	598.19	599.05	599.44	0.4505	-1.966	-0.4291	0.658	0.92579
10	598.65	599.48	600.65	0.68975	597.93	598.86	599.43	0.51418	-2.094	-0.6205	0.654	0.86707
30	598.65	599.48	600.65	0.68975	598.09	598.97	599.46	0.43418	-1.941	-0.5054	0.681	0.8913
50	598.65	599.48	600.65	0.68975	598.09	598.89	599.34	0.3915	-1.939	-0.5898	0.559	0.80049
100	598.78	599.53	600.15	0.53822	598.03	598.97	600.03	0.68116	-2.124	-0.56225	0.75	1.0788

Device Test: 13.16 VTH_SENSE2_RISING/SENSE2/7/3/0/0/0/@VTH_SENSE





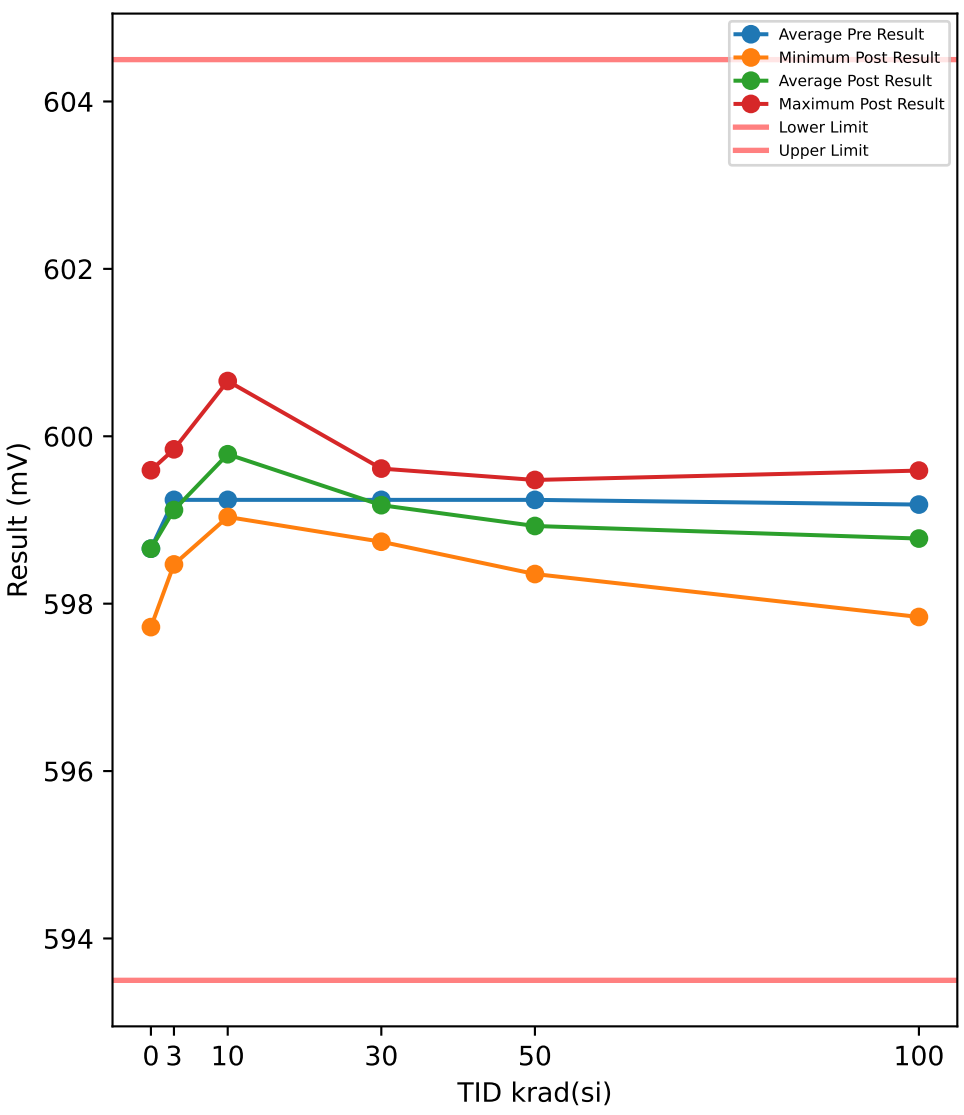
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

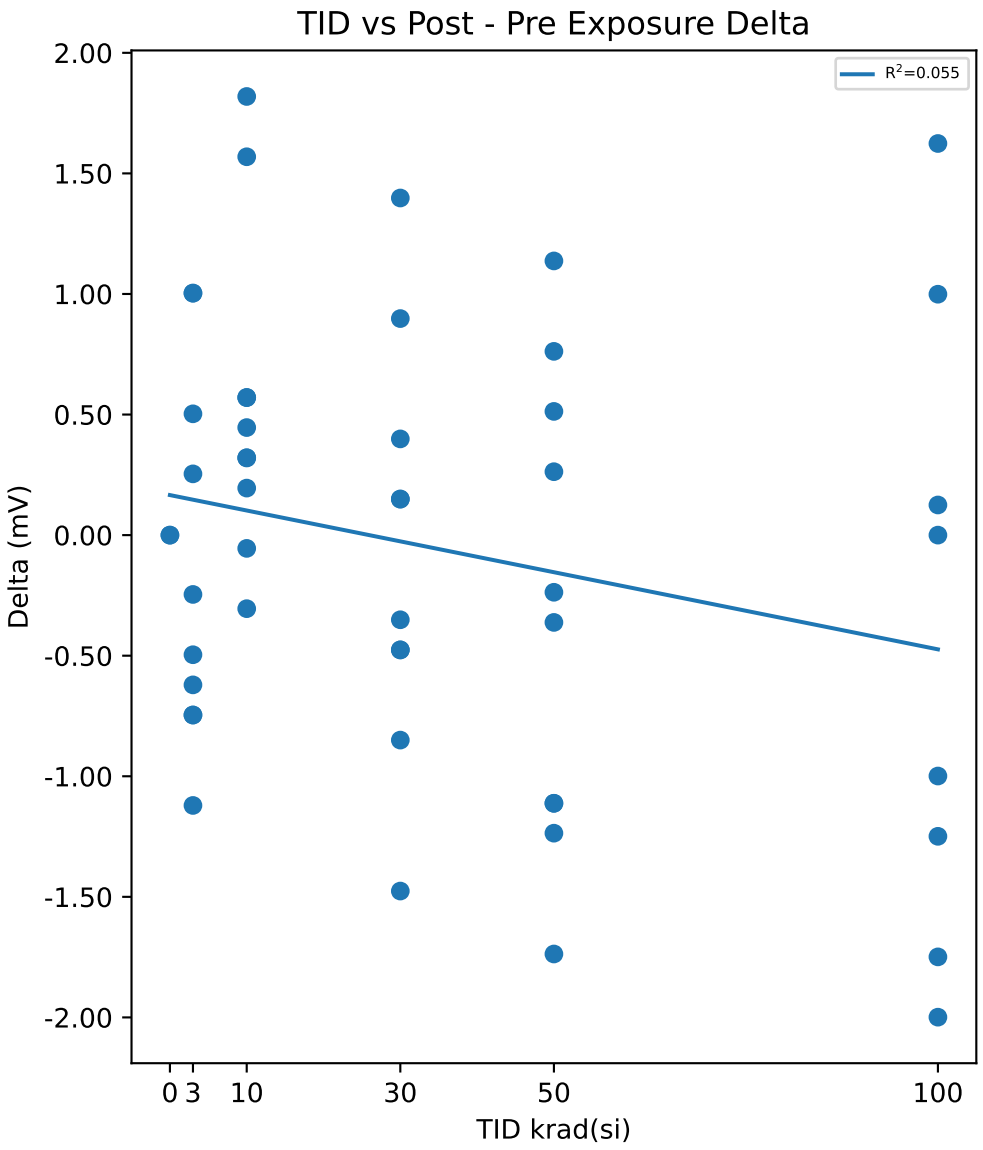
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.09	599.09	0
7	0	Correlation	599.97	599.97	0
16	3	LDR-Biased	599.96	601.09	1.129
18	3	LDR-Biased	599.59	599.72	0.129
19	3	LDR-Biased	602.71	600.72	-1.995
20	3	LDR-Biased	601.09	600.72	-0.371
21	3	LDR-Biased	600.21	600.22	0.004
22	3	LDR-Unbiased	600.21	599.72	-0.496
23	3	LDR-Unbiased	600.21	599.84	-0.371
25	3	LDR-Unbiased	599.96	600.72	0.754
26	3	LDR-Unbiased	599.46	599.97	0.504
27	3	LDR-Unbiased	601.34	599.84	-1.496
46	10	LDR-Biased	599.96	600.78	0.819
48	10	LDR-Biased	599.59	600.28	0.695
49	10	LDR-Biased	602.71	601.16	-1.555
50	10	LDR-Biased	601.09	600.28	-0.805
51	10	LDR-Biased	600.21	599.78	-0.43
52	10	LDR-Unbiased	600.21	600.78	0.569
53	10	LDR-Unbiased	600.21	599.91	-0.305
55	10	LDR-Unbiased	599.96	600.41	0.445
56	10	LDR-Unbiased	599.46	600.91	1.444
57	10	LDR-Unbiased	601.34	600.66	-0.681
76	30	LDR-Biased	599.96	600.86	0.896
78	30	LDR-Biased	599.59	599.74	0.147
79	30	LDR-Biased	602.71	599.49	-3.226
80	30	LDR-Biased	601.09	599.99	-1.103
81	30	LDR-Biased	600.21	600.24	0.022
82	30	LDR-Unbiased	600.21	599.74	-0.478
83	30	LDR-Unbiased	600.21	600.11	-0.103
84	30	LDR-Unbiased	601.34	600.49	-0.853
85	30	LDR-Unbiased	599.96	601.11	1.146
86	30	LDR-Unbiased	599.46	599.74	0.272
87	100	LDR-Biased	600.59	599.96	-0.625
88	100	LDR-Biased	600.21	599.34	-0.875
90	100	LDR-Biased	599.46	599.84	0.375
91	100	LDR-Unbiased	600.46	600.46	0
93	100	LDR-Unbiased	599.59	601.71	2.124
94	100	LDR-Unbiased	600.71	599.84	-0.875
95	100	LDR-Unbiased	600.34	599.84	-0.5
96	100	LDR-Unbiased	601.09	600.09	-1
106	50	LDR-Biased	599.96	600.23	0.262
108	50	LDR-Biased	599.59	599.73	0.137
109	50	LDR-Biased	602.71	600.6	-2.112
110	50	LDR-Biased	601.09	599.98	-1.113
111	50	LDR-Biased	600.21	599.85	-0.363
112	50	LDR-Unbiased	600.21	600.23	0.012
113	50	LDR-Unbiased	600.21	601.22	1.011
115	50	LDR-Unbiased	599.96	600.1	0.137
116	50	LDR-Unbiased	599.46	599.35	-0.112
117	50	LDR-Unbiased	601.34	600.35	-0.988

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.09	599.53	599.97	0.61801	599.09	599.53	599.97	0.61801	0	0	0	0
3	599.46	600.48	602.71	0.98126	599.72	600.25	601.09	0.51048	-1.995	-0.2209	1.129	0.96409
10	599.46	600.48	602.71	0.98126	599.78	600.5	601.16	0.4407	-1.555	0.0196	1.444	0.91679
30	599.46	600.48	602.71	0.98126	599.49	600.15	601.11	0.53	-3.226	-0.328	1.146	1.235
50	599.46	600.48	602.71	0.98126	599.35	600.16	601.22	0.51075	-2.112	-0.3129	1.011	0.87997
100	599.46	600.31	601.09	0.54996	599.34	600.13	601.71	0.70974	-1	-0.172	2.124	1.0411

Device Test: 13.17 VTH_SENSE2_FALLING/SENSE2/7/3/0/0/0/@VTH_SENSE





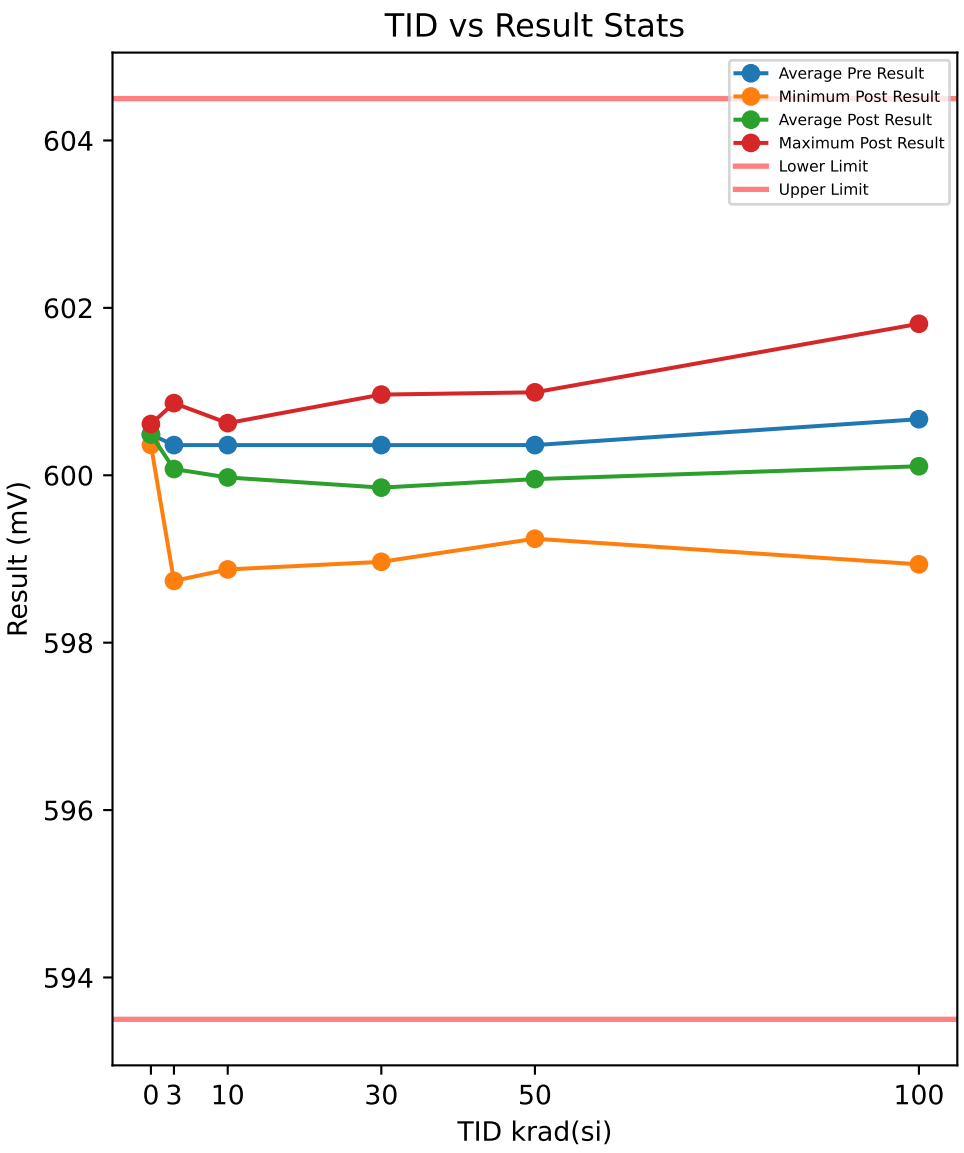
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	597.72	597.72	0
7	0	Correlation	599.59	599.59	0
16	3	LDR-Biased	600.09	599.84	-0.246
18	3	LDR-Biased	598.72	598.97	0.254
19	3	LDR-Biased	599.84	599.09	-0.746
20	3	LDR-Biased	598.72	599.72	1.004
21	3	LDR-Biased	598.97	598.47	-0.496
22	3	LDR-Unbiased	599.59	598.47	-1.121
23	3	LDR-Unbiased	597.97	598.47	0.503
25	3	LDR-Unbiased	598.47	599.47	1.003
26	3	LDR-Unbiased	599.59	598.97	-0.621
27	3	LDR-Unbiased	600.47	599.72	-0.746
46	10	LDR-Biased	600.09	600.66	0.57
48	10	LDR-Biased	598.72	599.04	0.321
49	10	LDR-Biased	599.84	600.03	0.195
50	10	LDR-Biased	598.72	599.29	0.571
51	10	LDR-Biased	598.97	599.41	0.446
52	10	LDR-Unbiased	599.59	599.53	-0.055
53	10	LDR-Unbiased	597.97	599.78	1.819
55	10	LDR-Unbiased	598.47	600.03	1.569
56	10	LDR-Unbiased	599.59	599.91	0.32
57	10	LDR-Unbiased	600.47	600.16	-0.305
76	30	LDR-Biased	600.09	599.61	-0.476
78	30	LDR-Biased	598.72	598.87	0.15
79	30	LDR-Biased	599.84	599.36	-0.476
80	30	LDR-Biased	598.72	599.11	0.399
81	30	LDR-Biased	598.97	599.11	0.149
82	30	LDR-Unbiased	599.59	598.74	-0.85
83	30	LDR-Unbiased	597.97	599.36	1.398
84	30	LDR-Unbiased	600.47	598.99	-1.476
85	30	LDR-Unbiased	598.47	599.36	0.898
86	30	LDR-Unbiased	599.59	599.24	-0.351
87	100	LDR-Biased	599.47	599.47	0
88	100	LDR-Biased	599.34	598.09	-1.249
90	100	LDR-Biased	598.97	599.09	0.125
91	100	LDR-Unbiased	598.47	599.47	0.999
93	100	LDR-Unbiased	597.97	599.59	1.624
94	100	LDR-Unbiased	599.84	597.84	-1.999
95	100	LDR-Unbiased	599.34	598.34	-0.999
96	100	LDR-Unbiased	600.09	598.34	-1.749
106	50	LDR-Biased	600.09	598.98	-1.112
108	50	LDR-Biased	598.72	599.23	0.513
109	50	LDR-Biased	599.84	599.48	-0.362
110	50	LDR-Biased	598.72	598.98	0.263
111	50	LDR-Biased	598.97	598.73	-0.237
112	50	LDR-Unbiased	599.59	598.35	-1.236
113	50	LDR-Unbiased	597.97	599.1	1.137
115	50	LDR-Unbiased	598.47	599.23	0.762
116	50	LDR-Unbiased	599.59	598.48	-1.112
117	50	LDR-Unbiased	600.47	598.73	-1.737

Test Statistics (mV)

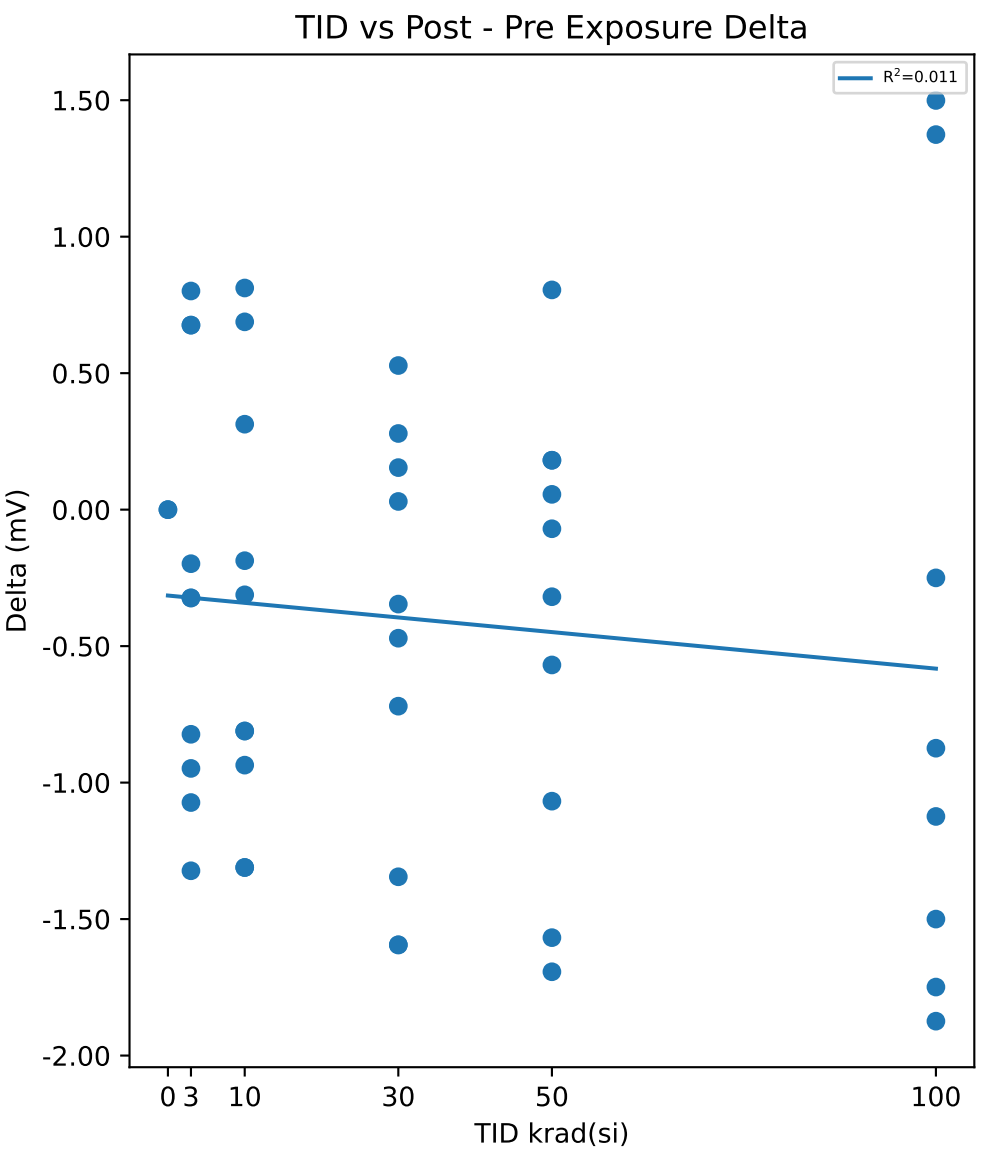
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	597.72	598.66	599.59	1.3251	597.72	598.66	599.59	1.3251	0	0	0	0
3	597.97	599.24	600.47	0.79423	598.47	599.12	599.84	0.54582	-1.121	-0.1212	1.004	0.76351
10	597.97	599.24	600.47	0.79423	599.04	599.79	600.66	0.47834	-0.305	0.5451	1.819	0.66571
30	597.97	599.24	600.47	0.79423	598.74	599.18	599.61	0.26485	-1.476	-0.0635	1.398	0.84339
50	597.97	599.24	600.47	0.79423	598.35	598.93	599.48	0.35435	-1.737	-0.3121	1.137	0.96821
100	597.97	599.18	600.09	0.69957	597.84	598.78	599.59	0.70026	-1.999	-0.406	1.624	1.3063

Device Test: 13.18 VTH_SENSE3_RISING/SENSE3/7/3/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

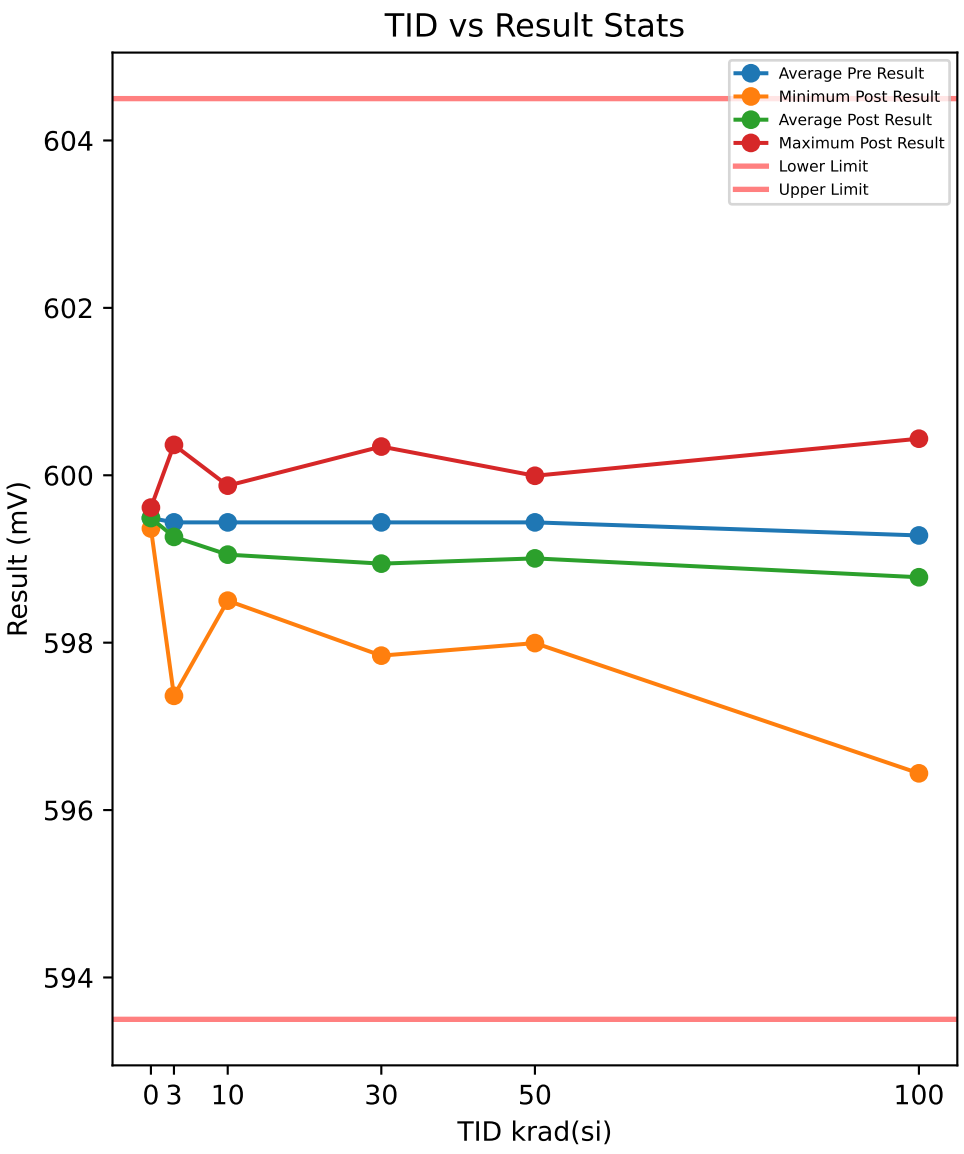
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.36	600.36	0
7	0	Correlation	600.61	600.61	0
16	3	LDR-Biased	601.06	599.74	-1.323
18	3	LDR-Biased	600.44	600.11	-0.324
19	3	LDR-Biased	601.18	600.86	-0.323
20	3	LDR-Biased	599.69	598.74	-0.948
21	3	LDR-Biased	600.81	599.99	-0.823
22	3	LDR-Unbiased	599.19	599.99	0.801
23	3	LDR-Unbiased	599.44	600.11	0.676
25	3	LDR-Unbiased	600.81	600.61	-0.198
26	3	LDR-Unbiased	599.81	600.49	0.676
27	3	LDR-Unbiased	601.18	600.11	-1.073
46	10	LDR-Biased	601.06	600.12	-0.936
48	10	LDR-Biased	600.44	600.25	-0.187
49	10	LDR-Biased	601.18	599.87	-1.311
50	10	LDR-Biased	599.69	598.88	-0.811
51	10	LDR-Biased	600.81	600	-0.811
52	10	LDR-Unbiased	599.19	599.87	0.688
53	10	LDR-Unbiased	599.44	599.75	0.313
55	10	LDR-Unbiased	600.81	600.5	-0.312
56	10	LDR-Unbiased	599.81	600.62	0.812
57	10	LDR-Unbiased	601.18	599.87	-1.311
76	30	LDR-Biased	601.06	599.47	-1.595
78	30	LDR-Biased	600.44	600.09	-0.346
79	30	LDR-Biased	601.18	600.71	-0.471
80	30	LDR-Biased	599.69	598.97	-0.72
81	30	LDR-Biased	600.81	599.22	-1.594
82	30	LDR-Unbiased	599.19	599.22	0.03
83	30	LDR-Unbiased	599.44	599.72	0.279
84	30	LDR-Unbiased	601.18	599.84	-1.345
85	30	LDR-Unbiased	600.81	600.96	0.154
86	30	LDR-Unbiased	599.81	600.34	0.528
87	100	LDR-Biased	600.31	600.06	-0.25
88	100	LDR-Biased	601.06	600.19	-0.874
90	100	LDR-Biased	600.44	598.94	-1.5
91	100	LDR-Unbiased	599.94	601.43	1.499
93	100	LDR-Unbiased	600.44	601.81	1.374
94	100	LDR-Unbiased	601.06	599.31	-1.749
95	100	LDR-Unbiased	600.93	599.06	-1.874
96	100	LDR-Unbiased	601.18	600.06	-1.124
106	50	LDR-Biased	601.06	600.49	-0.569
108	50	LDR-Biased	600.44	600.37	-0.07
109	50	LDR-Biased	601.18	600.12	-1.068
110	50	LDR-Biased	599.69	599.37	-0.319
111	50	LDR-Biased	600.81	599.24	-1.568
112	50	LDR-Unbiased	599.19	599.37	0.181
113	50	LDR-Unbiased	599.44	599.49	0.056
115	50	LDR-Unbiased	600.81	600.99	0.181
116	50	LDR-Unbiased	599.81	600.62	0.805
117	50	LDR-Unbiased	601.18	599.49	-1.693

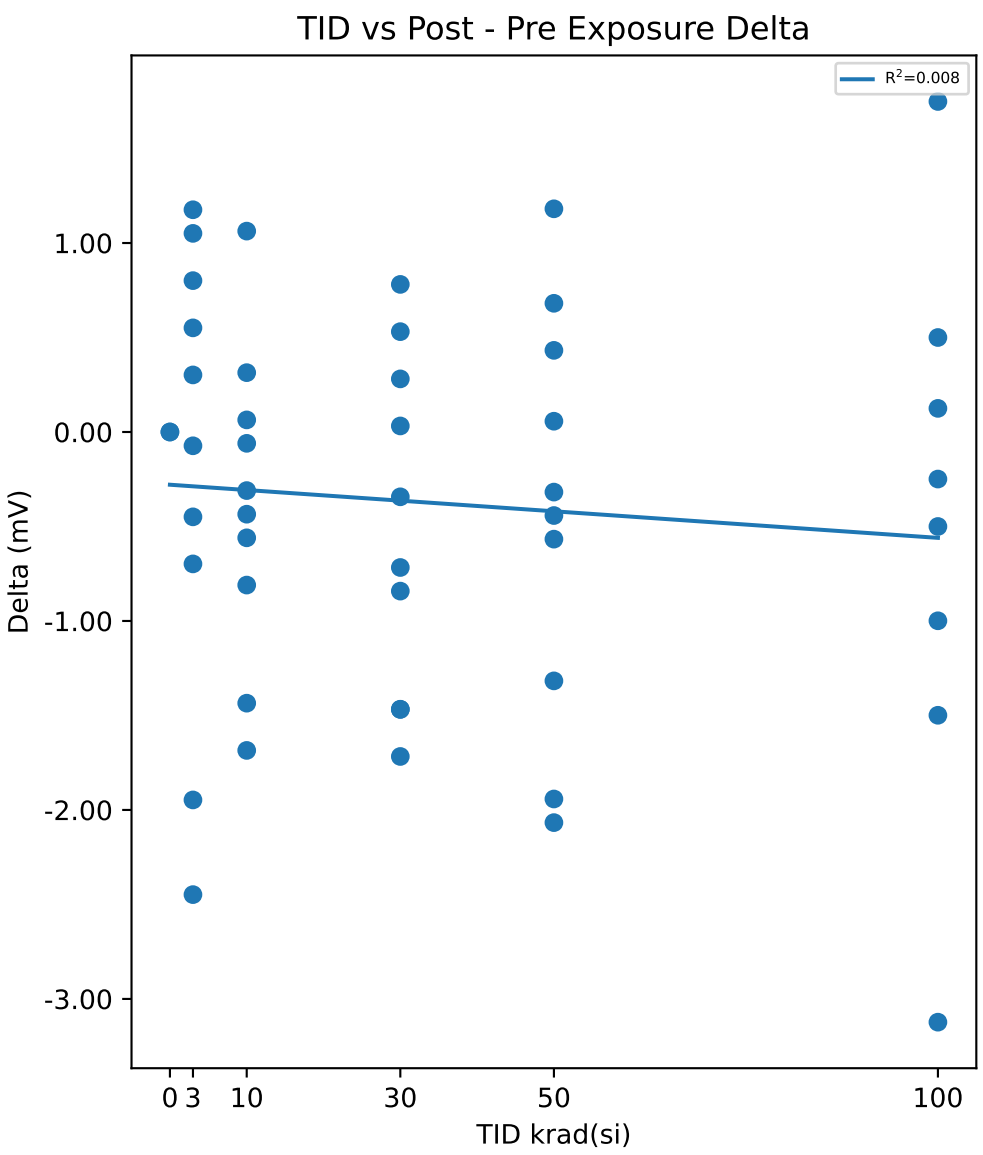


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.36	600.49	600.61	0.17678	600.36	600.49	600.61	0.17678	0	0	0	0
3	599.19	600.36	601.18	0.76374	598.74	600.07	600.86	0.57724	-1.323	-0.2859	0.801	0.7792
10	599.19	600.36	601.18	0.76374	598.88	599.97	600.62	0.48108	-1.311	-0.3866	0.812	0.78155
30	599.19	600.36	601.18	0.76374	598.97	599.85	600.96	0.66967	-1.595	-0.508	0.528	0.7856
50	599.19	600.36	601.18	0.76374	599.24	599.95	600.99	0.63432	-1.693	-0.4064	0.805	0.81384
100	599.94	600.67	601.18	0.44989	598.94	600.11	601.81	1.0538	-1.874	-0.56225	1.499	1.3372

Device Test: 13.19 VTH_SENSE3_FALLING/SENSE3/7/3/0/0/0/@VTH_SENSE





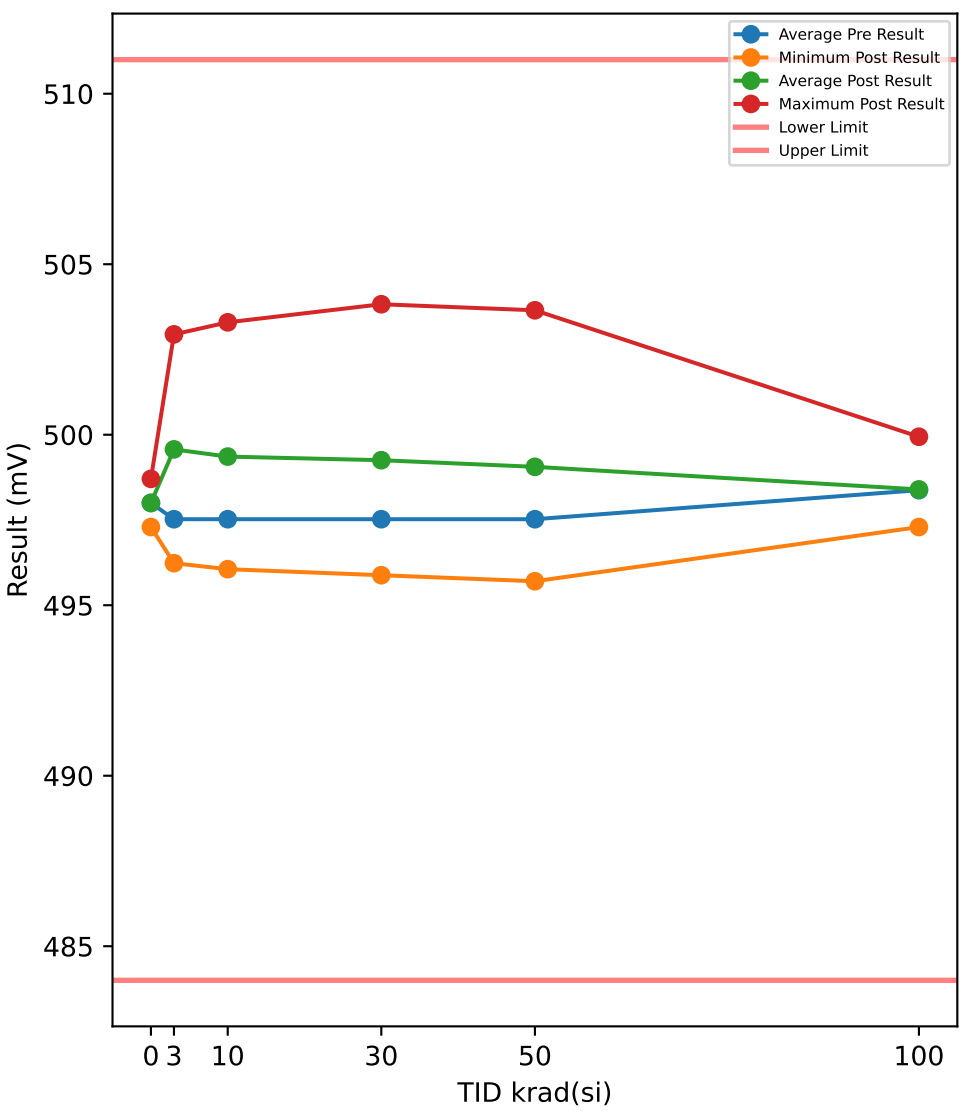
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

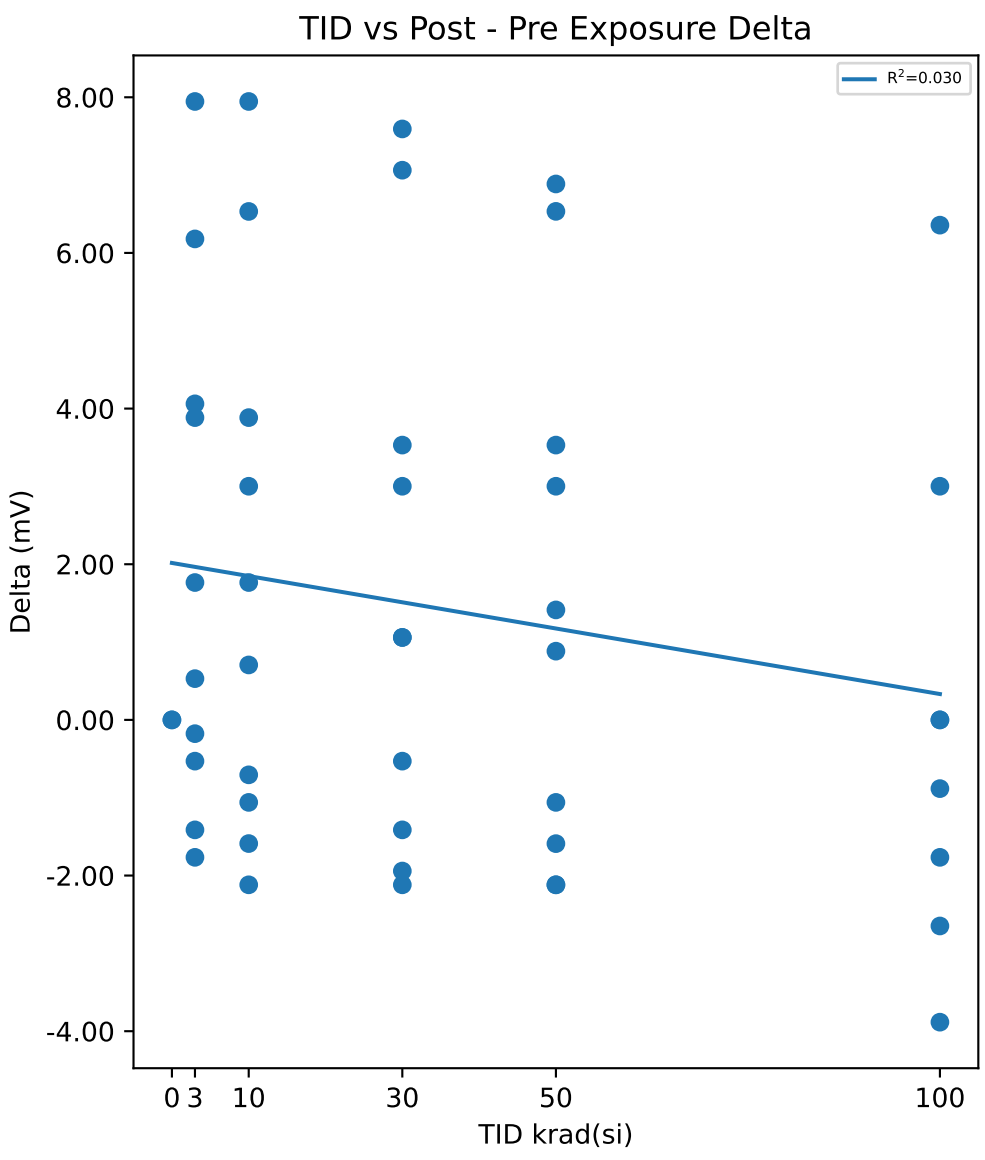
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.36	599.36	0
7	0	Correlation	599.61	599.61	0
16	3	LDR-Biased	599.31	600.36	1.051
18	3	LDR-Biased	599.44	599.99	0.551
19	3	LDR-Biased	600.56	600.11	-0.449
20	3	LDR-Biased	599.31	597.37	-1.947
21	3	LDR-Biased	599.31	599.61	0.302
22	3	LDR-Unbiased	599.44	598.74	-0.698
23	3	LDR-Unbiased	598.56	599.36	0.801
25	3	LDR-Unbiased	599.56	599.49	-0.073
26	3	LDR-Unbiased	598.56	599.74	1.176
27	3	LDR-Unbiased	600.31	597.86	-2.448
46	10	LDR-Biased	599.31	599	-0.31
48	10	LDR-Biased	599.44	598.88	-0.56
49	10	LDR-Biased	600.56	599.13	-1.435
50	10	LDR-Biased	599.31	598.5	-0.81
51	10	LDR-Biased	599.31	599.25	-0.06
52	10	LDR-Unbiased	599.44	599	-0.435
53	10	LDR-Unbiased	598.56	598.63	0.064
55	10	LDR-Unbiased	599.56	599.88	0.314
56	10	LDR-Unbiased	598.56	599.63	1.063
57	10	LDR-Unbiased	600.31	598.63	-1.685
76	30	LDR-Biased	599.31	598.47	-0.842
78	30	LDR-Biased	599.44	599.09	-0.343
79	30	LDR-Biased	600.56	599.09	-1.468
80	30	LDR-Biased	599.31	597.85	-1.467
81	30	LDR-Biased	599.31	598.6	-0.717
82	30	LDR-Unbiased	599.44	599.47	0.032
83	30	LDR-Unbiased	598.56	598.84	0.281
84	30	LDR-Unbiased	600.31	598.6	-1.717
85	30	LDR-Unbiased	599.56	600.34	0.781
86	30	LDR-Unbiased	598.56	599.09	0.531
87	100	LDR-Biased	599.94	600.44	0.5
88	100	LDR-Biased	600.19	599.19	-0.999
90	100	LDR-Biased	598.06	598.19	0.125
91	100	LDR-Unbiased	599.31	599.06	-0.249
93	100	LDR-Unbiased	598.44	600.19	1.749
94	100	LDR-Unbiased	599.56	596.44	-3.123
95	100	LDR-Unbiased	598.56	598.06	-0.5
96	100	LDR-Unbiased	600.19	598.69	-1.499
106	50	LDR-Biased	599.31	598.75	-0.567
108	50	LDR-Biased	599.44	599.12	-0.318
109	50	LDR-Biased	600.56	598.5	-2.067
110	50	LDR-Biased	599.31	598	-1.317
111	50	LDR-Biased	599.31	598.87	-0.442
112	50	LDR-Unbiased	599.44	599.49	0.057
113	50	LDR-Unbiased	598.56	599.24	0.681
115	50	LDR-Unbiased	599.56	599.99	0.432
116	50	LDR-Unbiased	598.56	599.74	1.181
117	50	LDR-Unbiased	600.31	598.37	-1.942

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.36	599.49	599.61	0.17678	599.36	599.49	599.61	0.17678	0	0	0	0
3	598.56	599.44	600.56	0.63434	597.37	599.26	600.36	0.98338	-2.448	-0.1734	1.176	1.2338
10	598.56	599.44	600.56	0.63434	598.5	599.05	599.88	0.44139	-1.685	-0.3854	1.063	0.80997
30	598.56	599.44	600.56	0.63434	597.85	598.94	600.34	0.66553	-1.717	-0.4929	0.781	0.89059
50	598.56	599.44	600.56	0.63434	598	599.01	599.99	0.63269	-2.067	-0.4302	1.181	1.0849
100	598.06	599.28	600.19	0.83338	596.44	598.78	600.44	1.272	-3.123	-0.4995	1.749	1.4461

Device Test: 13.2 VTH_DOWNb_FALLING/DOWNb/1.6/3/0/0/0/@VTH_DOWN





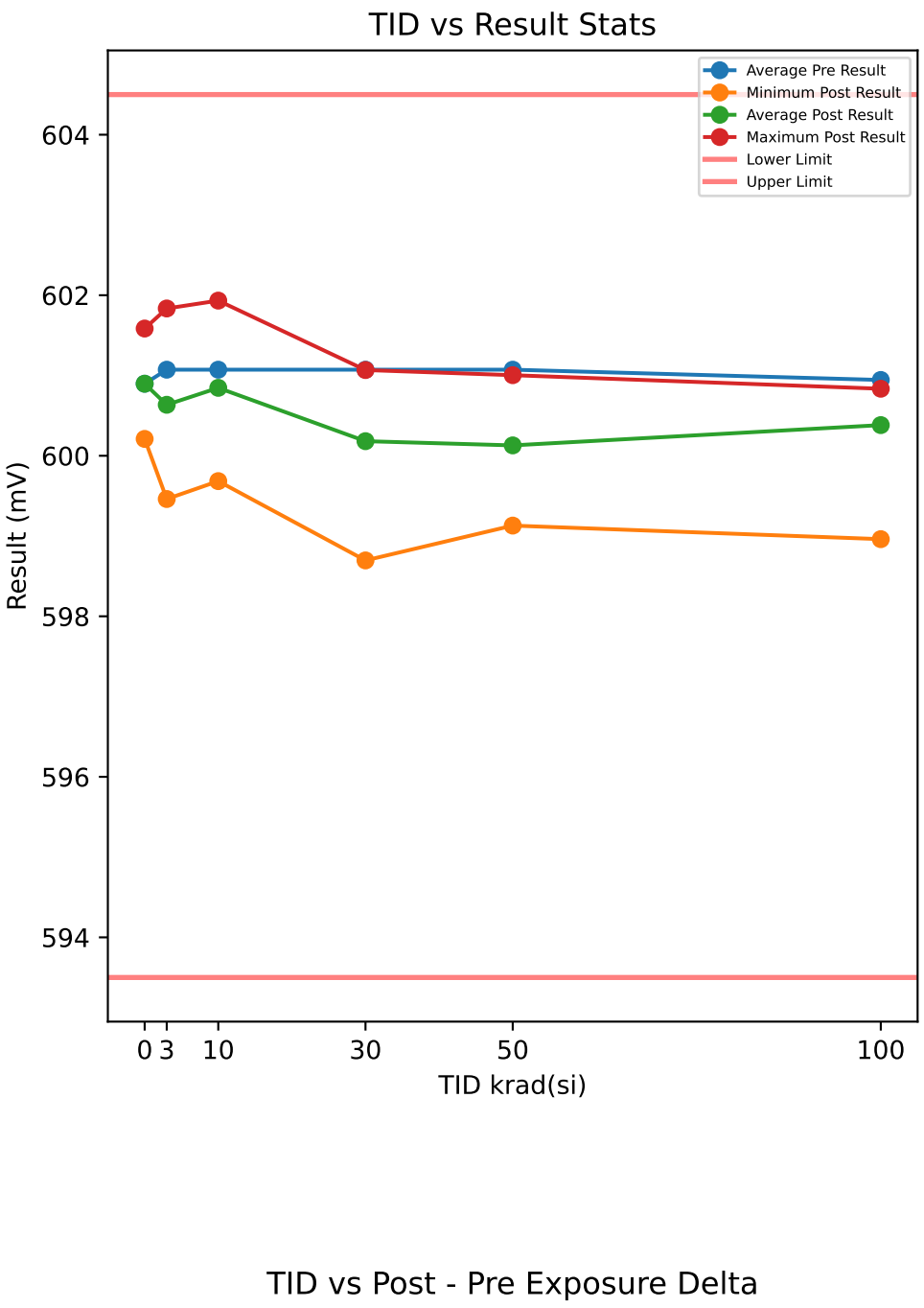
Test Results (Lower Limit = 484.0, Upper Limit = 511.0 (mV))

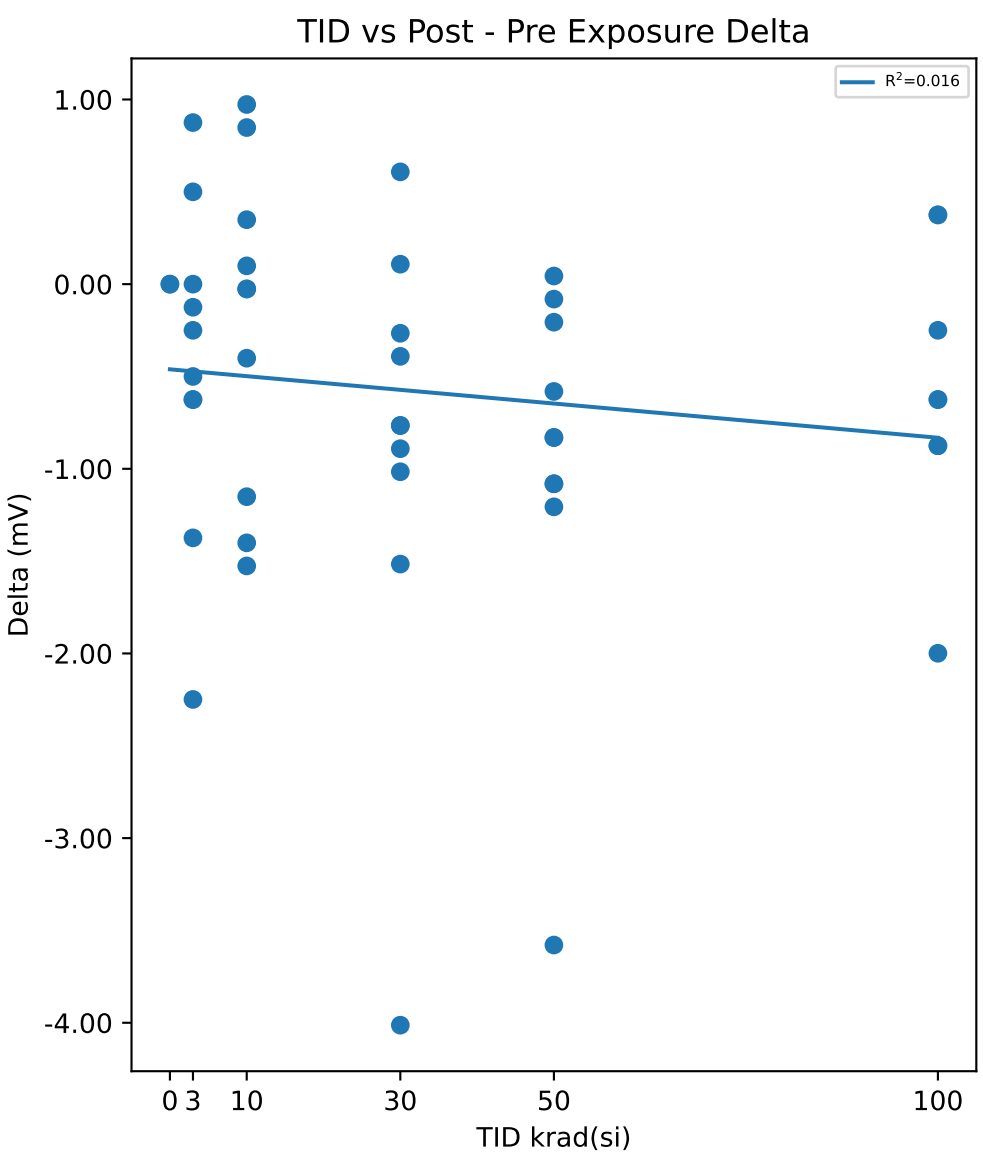
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	497.29	497.29	0
7	0	Correlation	498.7	498.7	0
16	3	LDR-Biased	500.12	501.88	1.765
18	3	LDR-Biased	501.18	499.41	-1.766
19	3	LDR-Biased	501.71	500.29	-1.413
20	3	LDR-Biased	496.76	500.65	3.884
21	3	LDR-Biased	496.76	496.23	-0.53
22	3	LDR-Unbiased	493.23	501.18	7.946
23	3	LDR-Unbiased	496.23	496.76	0.53
25	3	LDR-Unbiased	495.17	499.24	4.061
26	3	LDR-Unbiased	496.76	502.94	6.18
27	3	LDR-Unbiased	497.29	497.12	-0.177
46	10	LDR-Biased	500.12	501.88	1.765
48	10	LDR-Biased	501.18	499.06	-2.119
49	10	LDR-Biased	501.71	500.12	-1.589
50	10	LDR-Biased	496.76	499.76	3.002
51	10	LDR-Biased	496.76	496.06	-0.706
52	10	LDR-Unbiased	493.23	501.18	7.946
53	10	LDR-Unbiased	496.23	496.94	0.706
55	10	LDR-Unbiased	495.17	499.06	3.884
56	10	LDR-Unbiased	496.76	503.3	6.533
57	10	LDR-Unbiased	497.29	496.23	-1.06
76	30	LDR-Biased	500.12	501.18	1.059
78	30	LDR-Biased	501.18	499.06	-2.119
79	30	LDR-Biased	501.71	499.76	-1.942
80	30	LDR-Biased	496.76	499.76	3.002
81	30	LDR-Biased	496.76	496.23	-0.53
82	30	LDR-Unbiased	493.23	500.82	7.593
83	30	LDR-Unbiased	496.23	497.29	1.06
84	30	LDR-Unbiased	497.29	495.88	-1.413
85	30	LDR-Unbiased	495.17	498.7	3.531
86	30	LDR-Unbiased	496.76	503.83	7.063
87	100	LDR-Biased	499.94	499.94	0
88	100	LDR-Biased	499.94	497.29	-2.648
90	100	LDR-Biased	501.18	497.29	-3.884
91	100	LDR-Unbiased	493.23	499.59	6.357
93	100	LDR-Unbiased	496.76	499.76	3.002
94	100	LDR-Unbiased	500.12	498.35	-1.766
95	100	LDR-Unbiased	498.53	497.65	-0.883
96	100	LDR-Unbiased	497.29	497.29	0
106	50	LDR-Biased	500.12	501	0.883
108	50	LDR-Biased	501.18	499.06	-2.119
109	50	LDR-Biased	501.71	499.59	-2.119
110	50	LDR-Biased	496.76	499.76	3.002
111	50	LDR-Biased	496.76	495.7	-1.06
112	50	LDR-Unbiased	493.23	499.76	6.534
113	50	LDR-Unbiased	496.23	497.65	1.413
115	50	LDR-Unbiased	495.17	498.7	3.531
116	50	LDR-Unbiased	496.76	503.65	6.886
117	50	LDR-Unbiased	497.29	495.7	-1.59

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	497.29	498	498.7	0.99843	497.29	498	498.7	0.99843	0	0	0	0
3	493.23	497.52	501.71	2.687	496.23	499.57	502.94	2.2649	-1.766	2.048	7.946	3.3298
10	493.23	497.52	501.71	2.687	496.06	499.36	503.3	2.4182	-2.119	1.8362	7.946	3.4713
30	493.23	497.52	501.71	2.687	495.88	499.25	503.83	2.4103	-2.119	1.7304	7.593	3.5255
50	493.23	497.52	501.71	2.687	495.7	499.06	503.65	2.375	-2.119	1.5361	6.886	3.3896
100	493.23	498.37	501.18	2.5648	497.29	498.4	499.94	1.189	-3.884	0.02225	6.357	3.2823

Device Test: 13.20 VTH_SENSE4_RISING/SENSE4/7/3/0/0/0/@VTH_SENSE





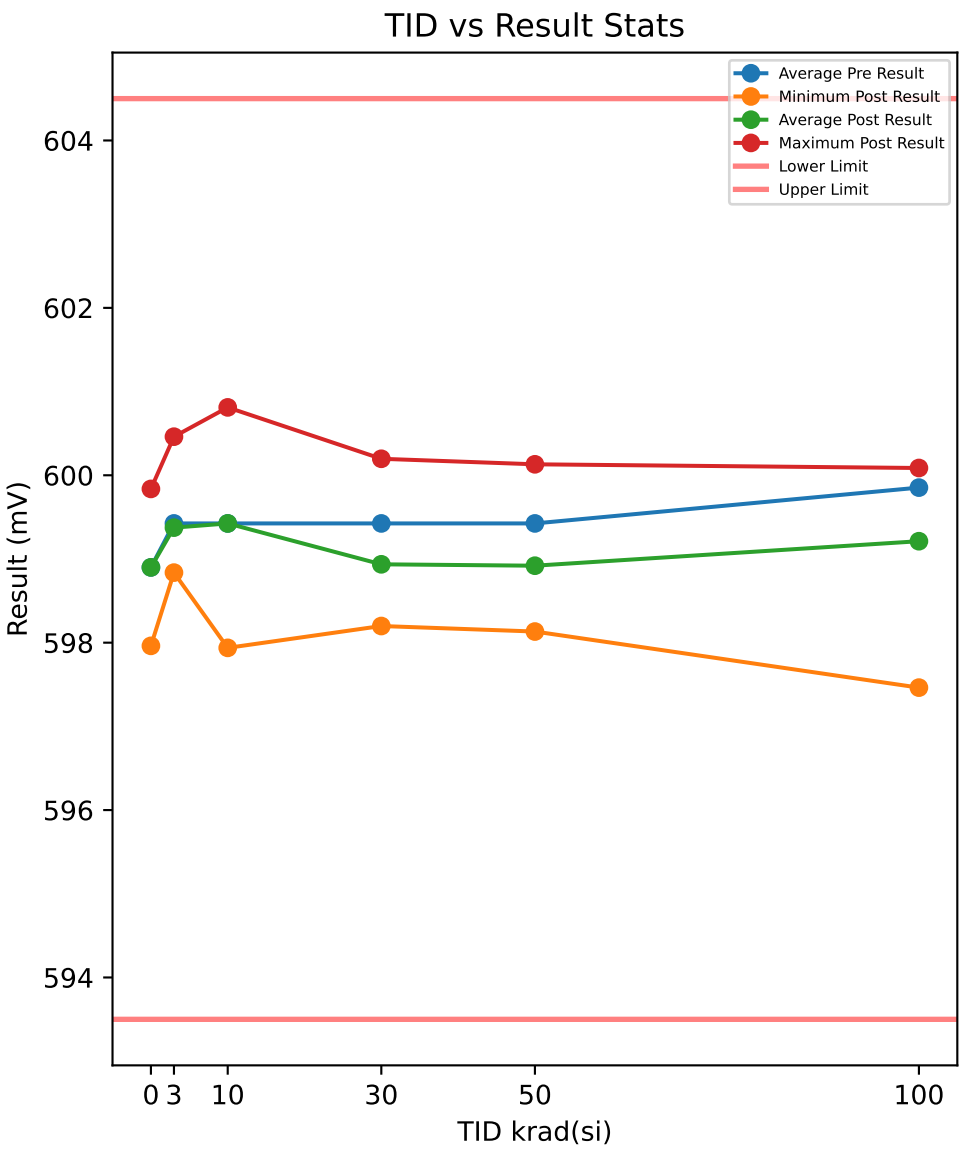
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

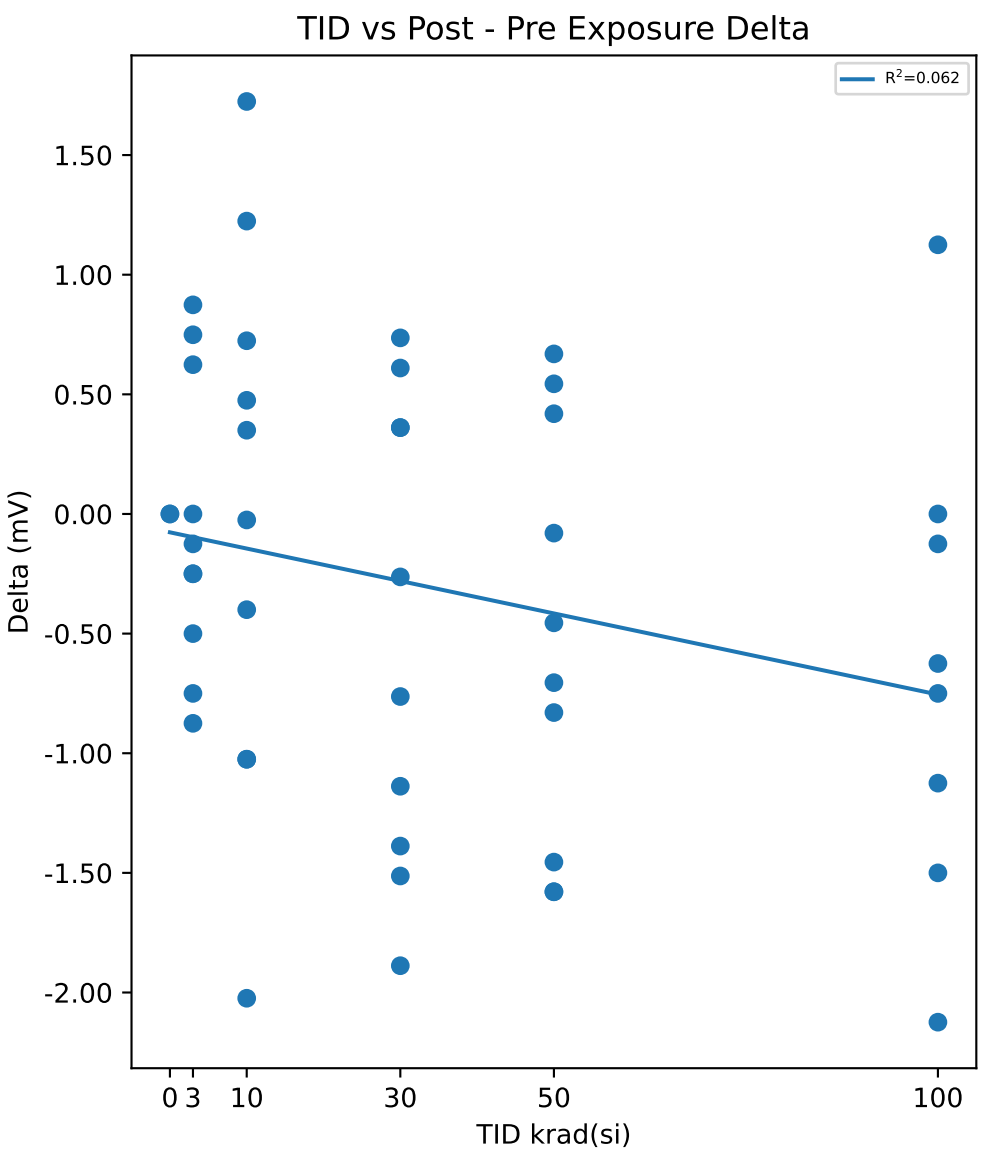
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	601.59	601.59	0
7	0	Correlation	600.21	600.21	0
16	3	LDR-Biased	600.96	601.46	0.5
18	3	LDR-Biased	600.34	600.09	-0.25
19	3	LDR-Biased	601.71	601.59	-0.125
20	3	LDR-Biased	600.71	600.09	-0.625
21	3	LDR-Biased	600.84	599.46	-1.374
22	3	LDR-Unbiased	601.09	601.09	0
23	3	LDR-Unbiased	600.34	599.71	-0.625
25	3	LDR-Unbiased	600.96	601.84	0.875
26	3	LDR-Unbiased	601.09	600.59	-0.5
27	3	LDR-Unbiased	602.71	600.46	-2.249
46	10	LDR-Biased	600.96	601.81	0.848
48	10	LDR-Biased	600.34	600.43	0.099
49	10	LDR-Biased	601.71	600.31	-1.401
50	10	LDR-Biased	600.71	601.06	0.349
51	10	LDR-Biased	600.84	599.68	-1.151
52	10	LDR-Unbiased	601.09	601.06	-0.026
53	10	LDR-Unbiased	600.34	599.93	-0.401
55	10	LDR-Unbiased	600.96	601.93	0.973
56	10	LDR-Unbiased	601.09	601.06	-0.026
57	10	LDR-Unbiased	602.71	601.18	-1.526
76	30	LDR-Biased	600.96	600.69	-0.266
78	30	LDR-Biased	600.34	600.94	0.608
79	30	LDR-Biased	601.71	600.19	-1.516
80	30	LDR-Biased	600.71	599.94	-0.766
81	30	LDR-Biased	600.84	600.44	-0.391
82	30	LDR-Unbiased	601.09	600.19	-0.891
83	30	LDR-Unbiased	600.34	599.57	-0.765
84	30	LDR-Unbiased	602.71	598.7	-4.013
85	30	LDR-Unbiased	600.96	601.07	0.108
86	30	LDR-Unbiased	601.09	600.07	-1.016
87	100	LDR-Biased	600.71	600.46	-0.25
88	100	LDR-Biased	600.96	600.34	-0.625
90	100	LDR-Biased	601.71	600.84	-0.875
91	100	LDR-Unbiased	601.46	600.84	-0.625
93	100	LDR-Unbiased	600.09	600.46	0.375
94	100	LDR-Unbiased	600.96	598.96	-1.999
95	100	LDR-Unbiased	600.21	600.59	0.375
96	100	LDR-Unbiased	601.46	600.59	-0.875
106	50	LDR-Biased	600.96	601	0.044
108	50	LDR-Biased	600.34	600.25	-0.081
109	50	LDR-Biased	601.71	600.63	-1.081
110	50	LDR-Biased	600.71	600.13	-0.581
111	50	LDR-Biased	600.84	600	-0.831
112	50	LDR-Unbiased	601.09	599.88	-1.206
113	50	LDR-Unbiased	600.34	599.5	-0.83
115	50	LDR-Unbiased	600.96	600.75	-0.206
116	50	LDR-Unbiased	601.09	600	-1.081
117	50	LDR-Unbiased	602.71	599.13	-3.579

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.21	600.9	601.59	0.97227	600.21	600.9	601.59	0.97227	0	0	0	0
3	600.34	601.07	602.71	0.69808	599.46	600.64	601.84	0.82311	-2.249	-0.4373	0.875	0.89185
10	600.34	601.07	602.71	0.69808	599.68	600.85	601.93	0.74512	-1.526	-0.2262	0.973	0.88595
30	600.34	601.07	602.71	0.69808	598.7	600.18	601.07	0.69501	-4.013	-0.8908	0.608	1.2503
50	600.34	601.07	602.71	0.69808	599.13	600.13	601	0.56794	-3.579	-0.9432	0.044	1.0259
100	600.09	600.94	601.71	0.59175	598.96	600.38	600.84	0.60077	-1.999	-0.56238	0.375	0.76738

Device Test: 13.21 VTH_SENSE4_FALLING/SENSE4/7/3/0/0/0/@VTH_SENSE





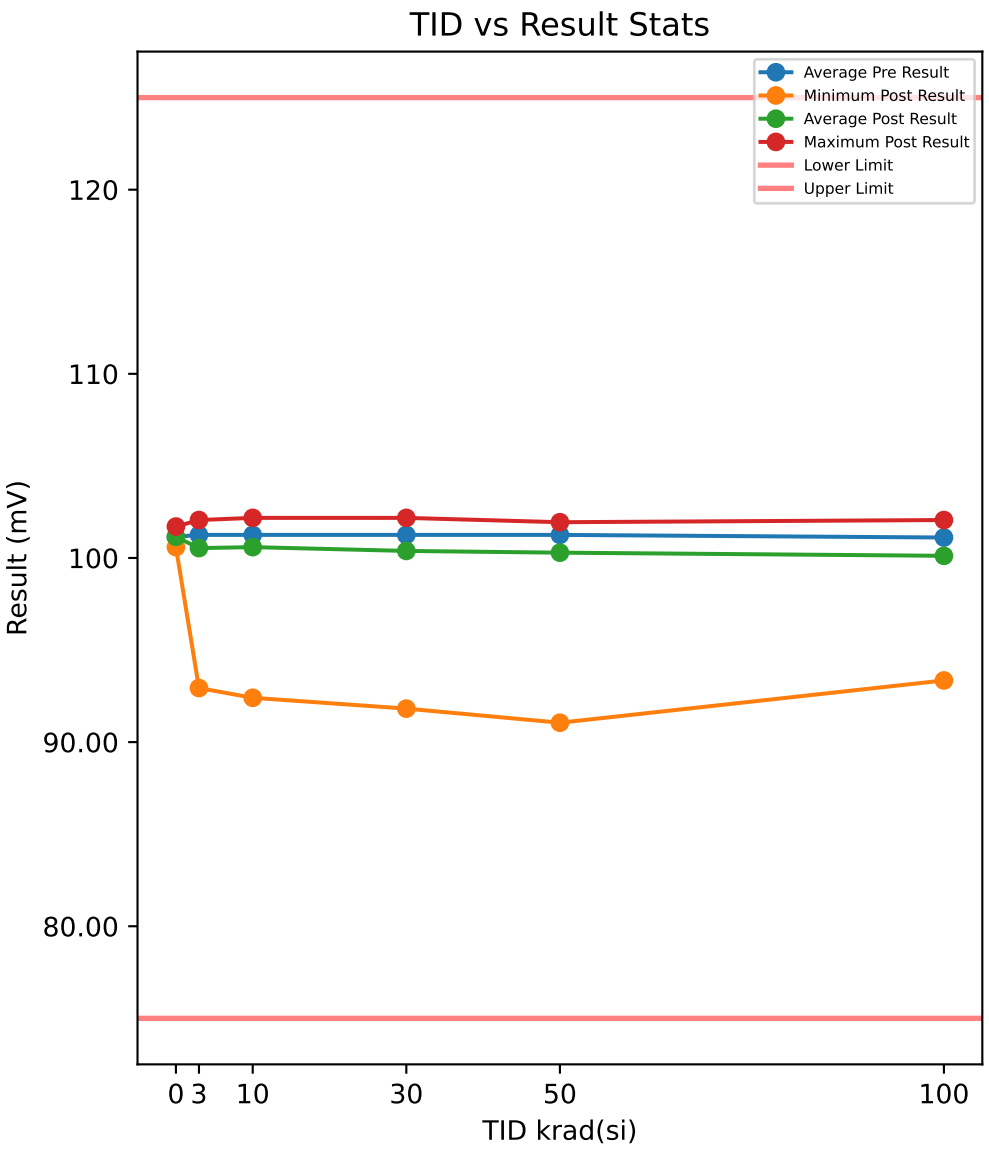
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

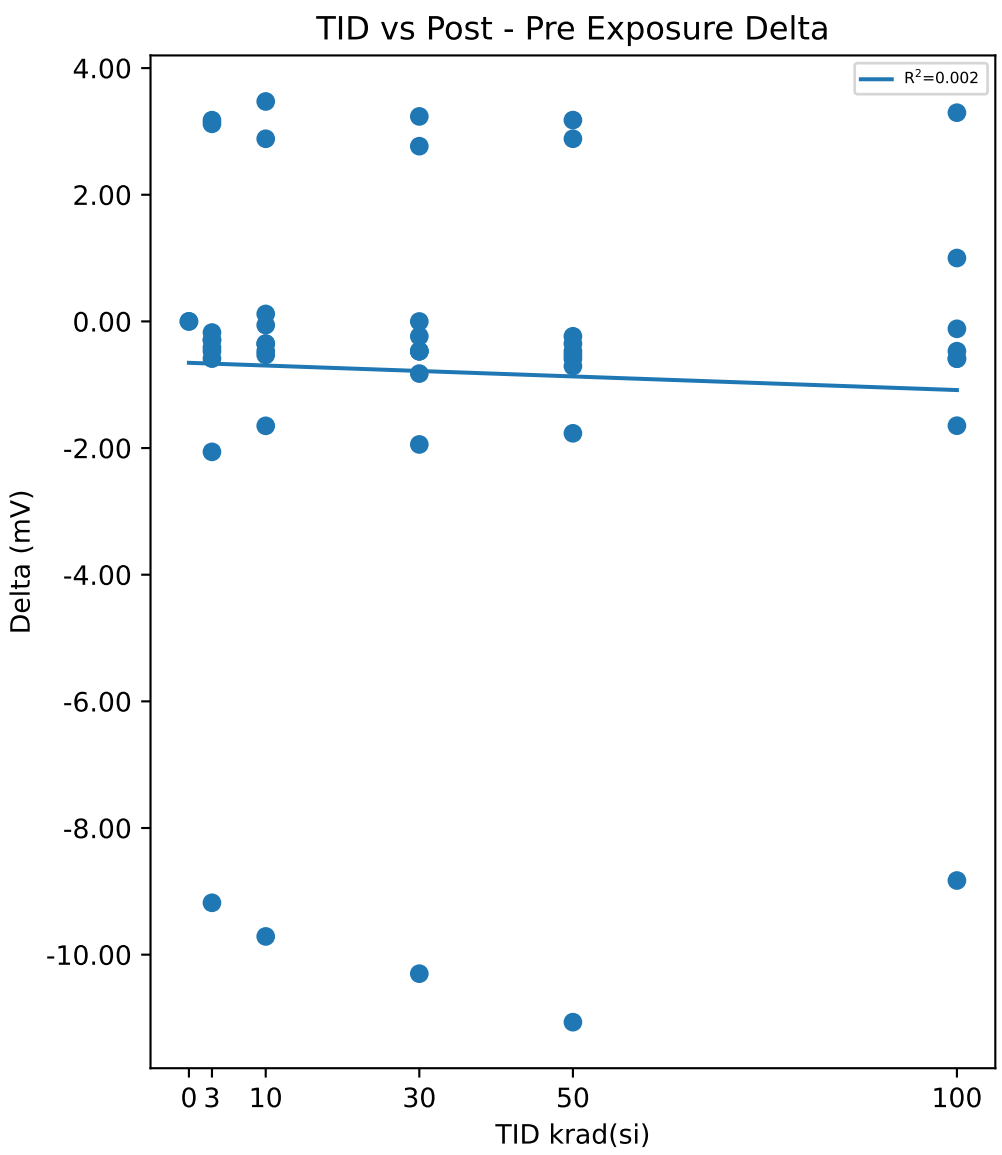
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.84	599.84	0
7	0	Correlation	597.96	597.96	0
16	3	LDR-Biased	599.46	599.21	-0.25
18	3	LDR-Biased	599.59	599.46	-0.125
19	3	LDR-Biased	600.71	600.21	-0.5
20	3	LDR-Biased	598.21	598.96	0.749
21	3	LDR-Biased	598.21	598.84	0.624
22	3	LDR-Unbiased	599.71	599.71	0
23	3	LDR-Unbiased	599.71	598.84	-0.875
25	3	LDR-Unbiased	599.59	600.46	0.874
26	3	LDR-Unbiased	599.09	598.84	-0.25
27	3	LDR-Unbiased	599.96	599.21	-0.75
46	10	LDR-Biased	599.46	599.94	0.475
48	10	LDR-Biased	599.59	599.56	-0.025
49	10	LDR-Biased	600.71	599.69	-1.025
50	10	LDR-Biased	598.21	598.94	0.724
51	10	LDR-Biased	598.21	599.94	1.724
52	10	LDR-Unbiased	599.71	599.31	-0.4
53	10	LDR-Unbiased	599.71	598.69	-1.025
55	10	LDR-Unbiased	599.59	600.81	1.224
56	10	LDR-Unbiased	599.09	599.44	0.35
57	10	LDR-Unbiased	599.96	597.94	-2.024
76	30	LDR-Biased	599.46	598.32	-1.138
78	30	LDR-Biased	599.59	599.95	0.361
79	30	LDR-Biased	600.71	598.82	-1.888
80	30	LDR-Biased	598.21	598.57	0.361
81	30	LDR-Biased	598.21	598.95	0.736
82	30	LDR-Unbiased	599.71	598.2	-1.513
83	30	LDR-Unbiased	599.71	598.95	-0.763
84	30	LDR-Unbiased	599.96	598.57	-1.388
85	30	LDR-Unbiased	599.59	600.2	0.61
86	30	LDR-Unbiased	599.09	598.82	-0.263
87	100	LDR-Biased	600.34	599.59	-0.75
88	100	LDR-Biased	600.71	599.21	-1.5
90	100	LDR-Biased	599.71	599.09	-0.625
91	100	LDR-Unbiased	600.09	600.09	0
93	100	LDR-Unbiased	598.84	599.96	1.125
94	100	LDR-Unbiased	599.59	597.46	-2.124
95	100	LDR-Unbiased	598.96	598.84	-0.125
96	100	LDR-Unbiased	600.59	599.46	-1.125
106	50	LDR-Biased	599.46	600.13	0.669
108	50	LDR-Biased	599.59	598.88	-0.705
109	50	LDR-Biased	600.71	599.26	-1.455
110	50	LDR-Biased	598.21	598.63	0.419
111	50	LDR-Biased	598.21	598.13	-0.08
112	50	LDR-Unbiased	599.71	598.88	-0.83
113	50	LDR-Unbiased	599.71	598.13	-1.579
115	50	LDR-Unbiased	599.59	600.13	0.544
116	50	LDR-Unbiased	599.09	598.63	-0.455
117	50	LDR-Unbiased	599.96	598.38	-1.579

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	597.96	598.9	599.84	1.3258	597.96	598.9	599.84	1.3258	0	0	0	0
3	598.21	599.42	600.71	0.76125	598.84	599.37	600.46	0.58624	-0.875	-0.0503	0.874	0.61533
10	598.21	599.42	600.71	0.76125	597.94	599.42	600.81	0.78454	-2.024	-0.0002	1.724	1.1402
30	598.21	599.42	600.71	0.76125	598.2	598.94	600.2	0.65145	-1.888	-0.4885	0.736	0.97267
50	598.21	599.42	600.71	0.76125	598.13	598.92	600.13	0.72591	-1.579	-0.5051	0.669	0.87373
100	598.84	599.85	600.71	0.70533	597.46	599.21	600.09	0.82345	-2.124	-0.6405	1.125	0.99853

Device Test: 13.22 VTH_UP_HYS/UP/7/3/0/0/0/@UP_DOWN_VHYS





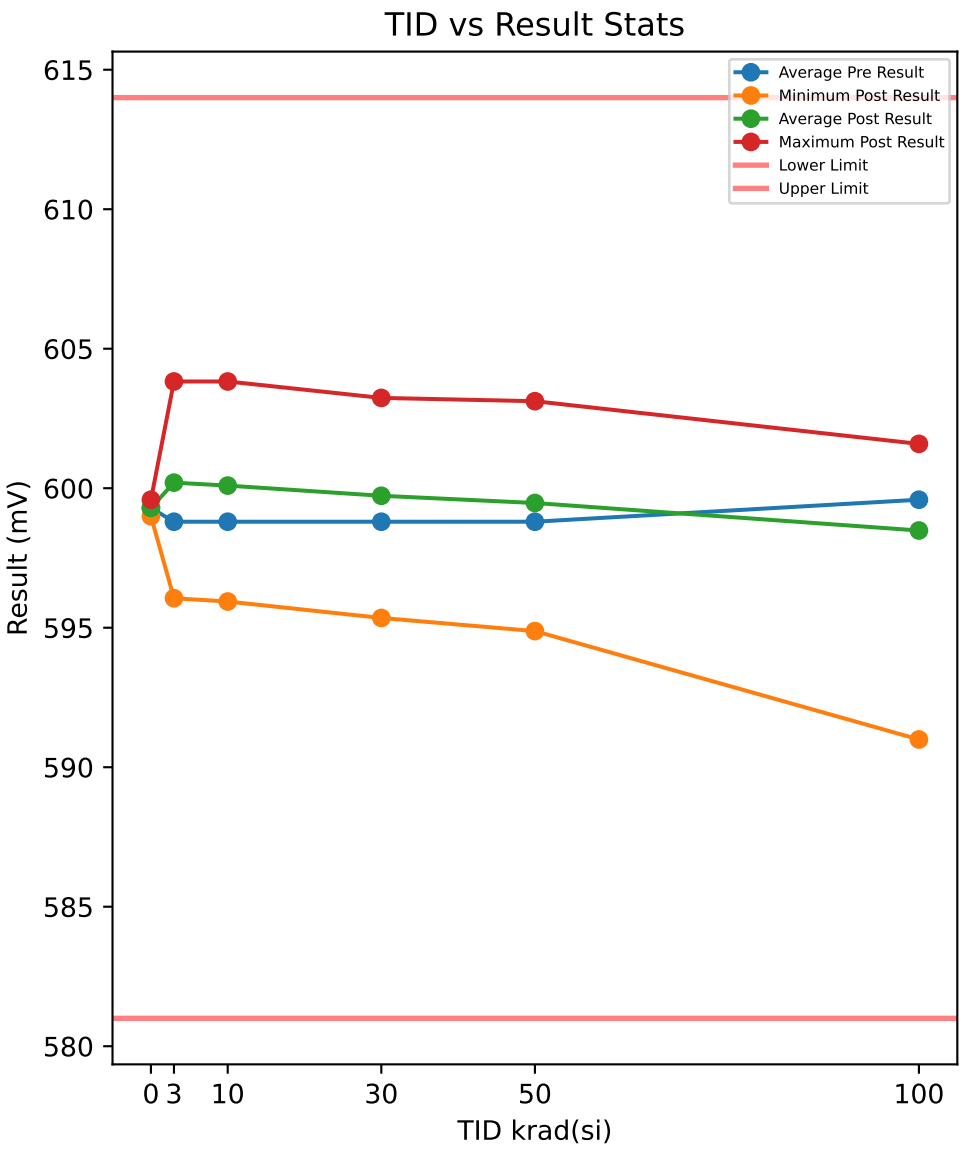
Test Results (Lower Limit = 75.0, Upper Limit = 125.0 (mV))

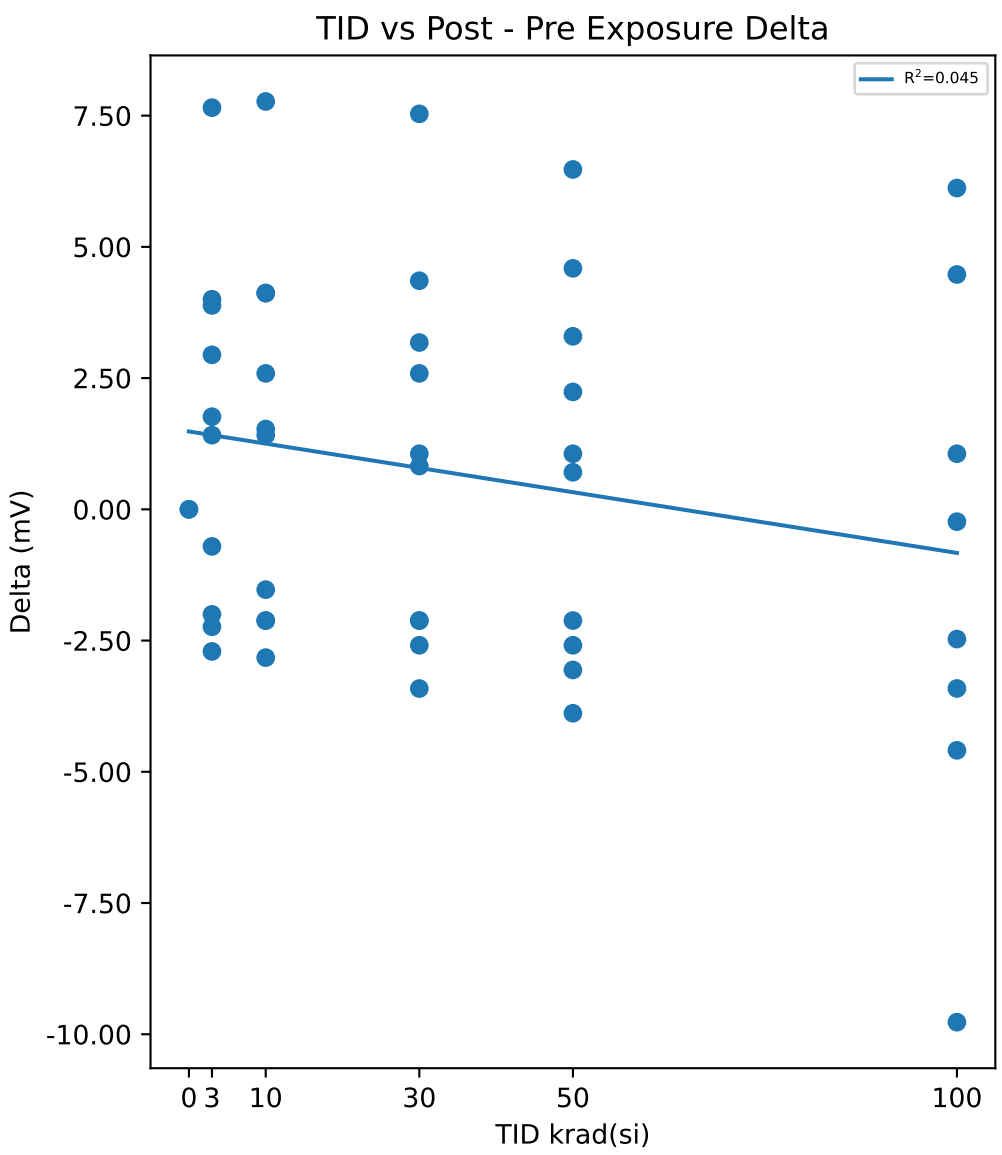
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	101.71	101.71	0
7	0	Correlation	100.59	100.59	0
16	3	LDR-Biased	102.18	102	-0.176
18	3	LDR-Biased	102.18	101.59	-0.588
19	3	LDR-Biased	102.18	101.77	-0.412
20	3	LDR-Biased	101.94	99.883	-2.06
21	3	LDR-Biased	98.705	101.88	3.178
22	3	LDR-Unbiased	102.18	101.88	-0.294
23	3	LDR-Unbiased	98.94	102.06	3.12
25	3	LDR-Unbiased	99.823	99.353	-0.47
26	3	LDR-Unbiased	102.12	92.938	-9.181
27	3	LDR-Unbiased	102.3	102	-0.294
46	10	LDR-Biased	102.18	101.83	-0.352
48	10	LDR-Biased	102.18	102.12	-0.059
49	10	LDR-Biased	102.18	101.65	-0.53
50	10	LDR-Biased	101.94	100.29	-1.649
51	10	LDR-Biased	98.705	102.18	3.473
52	10	LDR-Unbiased	102.18	101.83	-0.352
53	10	LDR-Unbiased	98.94	101.82	2.884
55	10	LDR-Unbiased	99.823	99.941	0.118
56	10	LDR-Unbiased	102.12	92.407	-9.712
57	10	LDR-Unbiased	102.3	101.83	-0.47
76	30	LDR-Biased	102.18	101.94	-0.235
78	30	LDR-Biased	102.18	101.35	-0.824
79	30	LDR-Biased	102.18	102.18	-0.001
80	30	LDR-Biased	101.94	100	-1.943
81	30	LDR-Biased	98.705	101.47	2.767
82	30	LDR-Unbiased	102.18	101.71	-0.47
83	30	LDR-Unbiased	98.94	102.18	3.237
84	30	LDR-Unbiased	102.3	101.82	-0.471
85	30	LDR-Unbiased	99.823	99.353	-0.47
86	30	LDR-Unbiased	102.12	91.819	-10.3
87	100	LDR-Biased	97.469	98.47	1.001
88	100	LDR-Biased	102.18	101.59	-0.588
90	100	LDR-Biased	102.18	101.59	-0.589
91	100	LDR-Unbiased	101.82	100.18	-1.647
93	100	LDR-Unbiased	98.705	102	3.296
94	100	LDR-Unbiased	102.18	101.71	-0.47
95	100	LDR-Unbiased	102.18	93.349	-8.829
96	100	LDR-Unbiased	102.18	102.06	-0.117
106	50	LDR-Biased	102.18	101.83	-0.352
108	50	LDR-Biased	102.18	101.59	-0.589
109	50	LDR-Biased	102.18	101.47	-0.706
110	50	LDR-Biased	101.94	100.18	-1.767
111	50	LDR-Biased	98.705	101.88	3.179
112	50	LDR-Unbiased	102.18	101.94	-0.235
113	50	LDR-Unbiased	98.94	101.82	2.884
115	50	LDR-Unbiased	99.823	99.293	-0.53
116	50	LDR-Unbiased	102.12	91.053	-11.066
117	50	LDR-Unbiased	102.3	101.82	-0.471

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100.59	101.15	101.71	0.79055	100.59	101.15	101.71	0.79055	0	0	0	0
3	98.705	101.25	102.3	1.4764	92.938	100.54	102.06	2.8367	-9.181	-0.7177	3.178	3.4019
10	98.705	101.25	102.3	1.4764	92.407	100.59	102.18	2.973	-9.712	-0.6649	3.473	3.5554
30	98.705	101.25	102.3	1.4764	91.819	100.38	102.18	3.1513	-10.3	-0.871	3.237	3.6789
50	98.705	101.25	102.3	1.4764	91.053	100.29	101.94	3.3623	-11.066	-0.9653	3.179	3.8903
100	97.469	101.11	102.18	1.8992	93.349	100.12	102.06	2.993	-8.829	-0.99287	3.296	3.4963

Device Test: 13.23 VTH_UP_RISING/UP/1.6/14/0/0/0/@VTH_UP





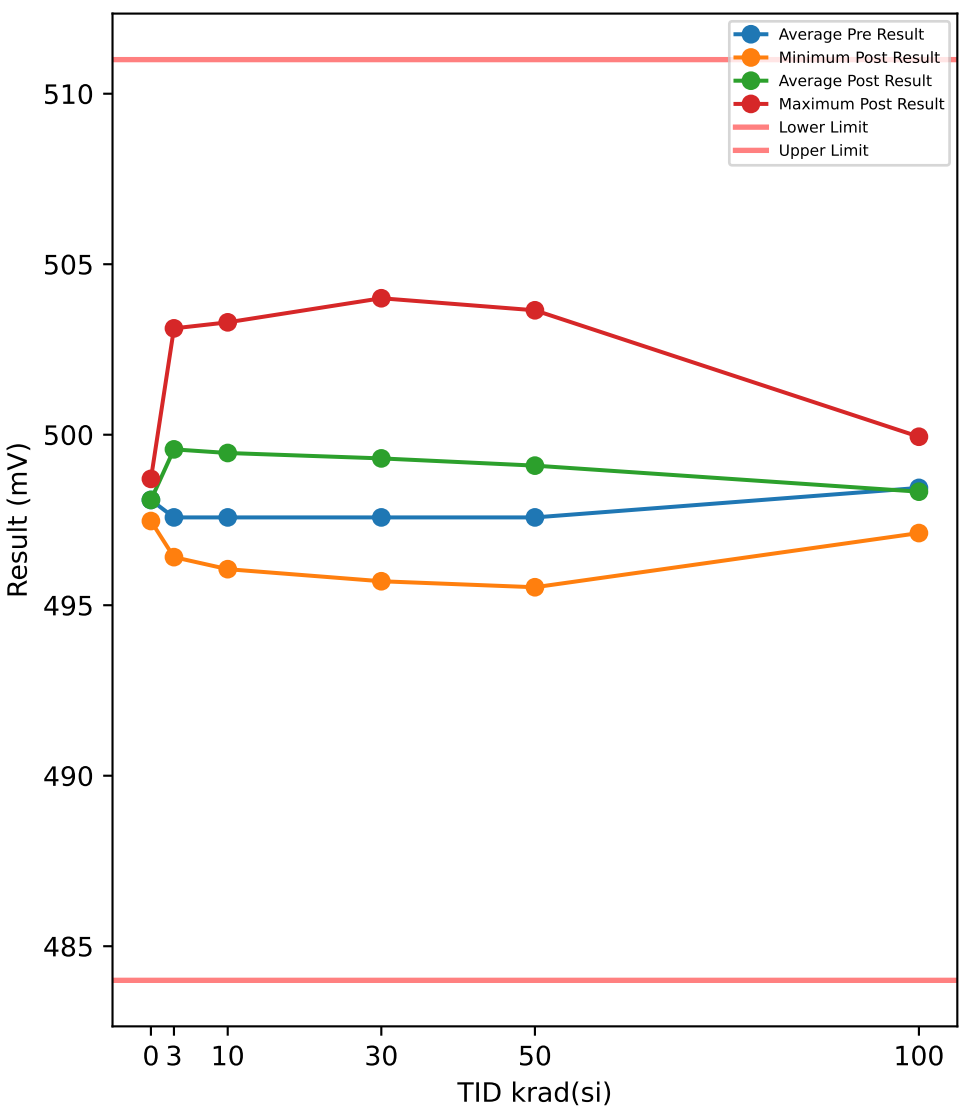
Test Results (Lower Limit = 581.0, Upper Limit = 614.0 (mV))

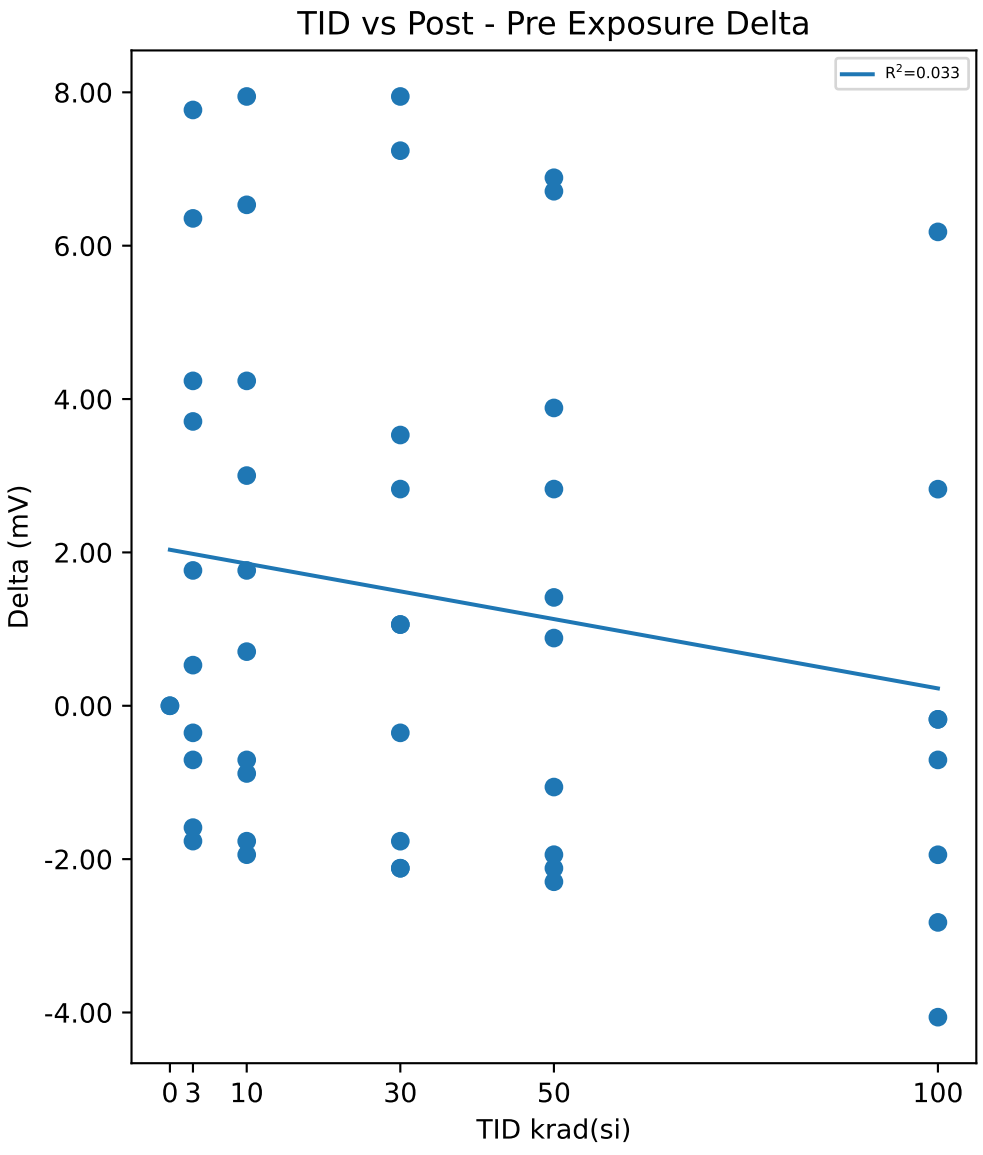
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599	599	0
7	0	Correlation	599.59	599.59	0
16	3	LDR-Biased	602.41	603.83	1.413
18	3	LDR-Biased	603.47	601.24	-2.237
19	3	LDR-Biased	604.06	602.06	-2.001
20	3	LDR-Biased	598.88	600.65	1.765
21	3	LDR-Biased	595.47	598.41	2.943
22	3	LDR-Unbiased	595.23	602.88	7.652
23	3	LDR-Unbiased	595.12	599	3.884
25	3	LDR-Unbiased	595	599	4.002
26	3	LDR-Unbiased	598.76	596.06	-2.707
27	3	LDR-Unbiased	599.59	598.88	-0.706
46	10	LDR-Biased	602.41	603.83	1.413
48	10	LDR-Biased	603.47	601.35	-2.119
49	10	LDR-Biased	604.06	601.94	-2.119
50	10	LDR-Biased	598.88	600.41	1.53
51	10	LDR-Biased	595.47	598.06	2.59
52	10	LDR-Unbiased	595.23	603	7.77
53	10	LDR-Unbiased	595.12	599.24	4.12
55	10	LDR-Unbiased	595	599.12	4.12
56	10	LDR-Unbiased	598.76	595.94	-2.825
57	10	LDR-Unbiased	599.59	598.06	-1.53
76	30	LDR-Biased	602.41	603.24	0.824
78	30	LDR-Biased	603.47	600.88	-2.59
79	30	LDR-Biased	604.06	601.94	-2.119
80	30	LDR-Biased	598.88	599.94	1.059
81	30	LDR-Biased	595.47	598.06	2.59
82	30	LDR-Unbiased	595.23	602.77	7.534
83	30	LDR-Unbiased	595.12	599.47	4.355
84	30	LDR-Unbiased	599.59	597.47	-2.119
85	30	LDR-Unbiased	595	598.17	3.178
86	30	LDR-Unbiased	598.76	595.35	-3.414
87	100	LDR-Biased	597.59	598.65	1.059
88	100	LDR-Biased	602.29	598.88	-3.413
90	100	LDR-Biased	603.47	598.88	-4.591
91	100	LDR-Unbiased	595.23	599.71	4.474
93	100	LDR-Unbiased	595.47	601.59	6.121
94	100	LDR-Unbiased	602.29	599.82	-2.472
95	100	LDR-Unbiased	600.76	591	-9.77
96	100	LDR-Unbiased	599.59	599.35	-0.235
106	50	LDR-Biased	602.41	603.12	0.706
108	50	LDR-Biased	603.47	600.88	-2.59
109	50	LDR-Biased	604.06	601	-3.06
110	50	LDR-Biased	598.88	599.94	1.059
111	50	LDR-Biased	595.47	597.71	2.237
112	50	LDR-Unbiased	595.23	601.71	6.475
113	50	LDR-Unbiased	595.12	599.71	4.591
115	50	LDR-Unbiased	595	598.29	3.296
116	50	LDR-Unbiased	598.76	594.88	-3.885
117	50	LDR-Unbiased	599.59	597.47	-2.119

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599	599.29	599.59	0.41649	599	599.29	599.59	0.41649	0	0	0	0
3	595	598.8	604.06	3.5757	596.06	600.2	603.83	2.3587	-2.707	1.4008	7.652	3.344
10	595	598.8	604.06	3.5757	595.94	600.09	603.83	2.4661	-2.825	1.295	7.77	3.4625
30	595	598.8	604.06	3.5757	595.35	599.73	603.24	2.5246	-3.414	0.9298	7.534	3.5439
50	595	598.8	604.06	3.5757	594.88	599.47	603.12	2.4157	-3.885	0.671	6.475	3.522
100	595.23	599.59	603.47	3.1867	591	598.48	601.59	3.1648	-9.77	-1.1034	6.121	5.1159

Device Test: 13.24 VTH_DOWNb_FALLING/DOWNb/1.6/14/0/0/0/@VTH_DOWN





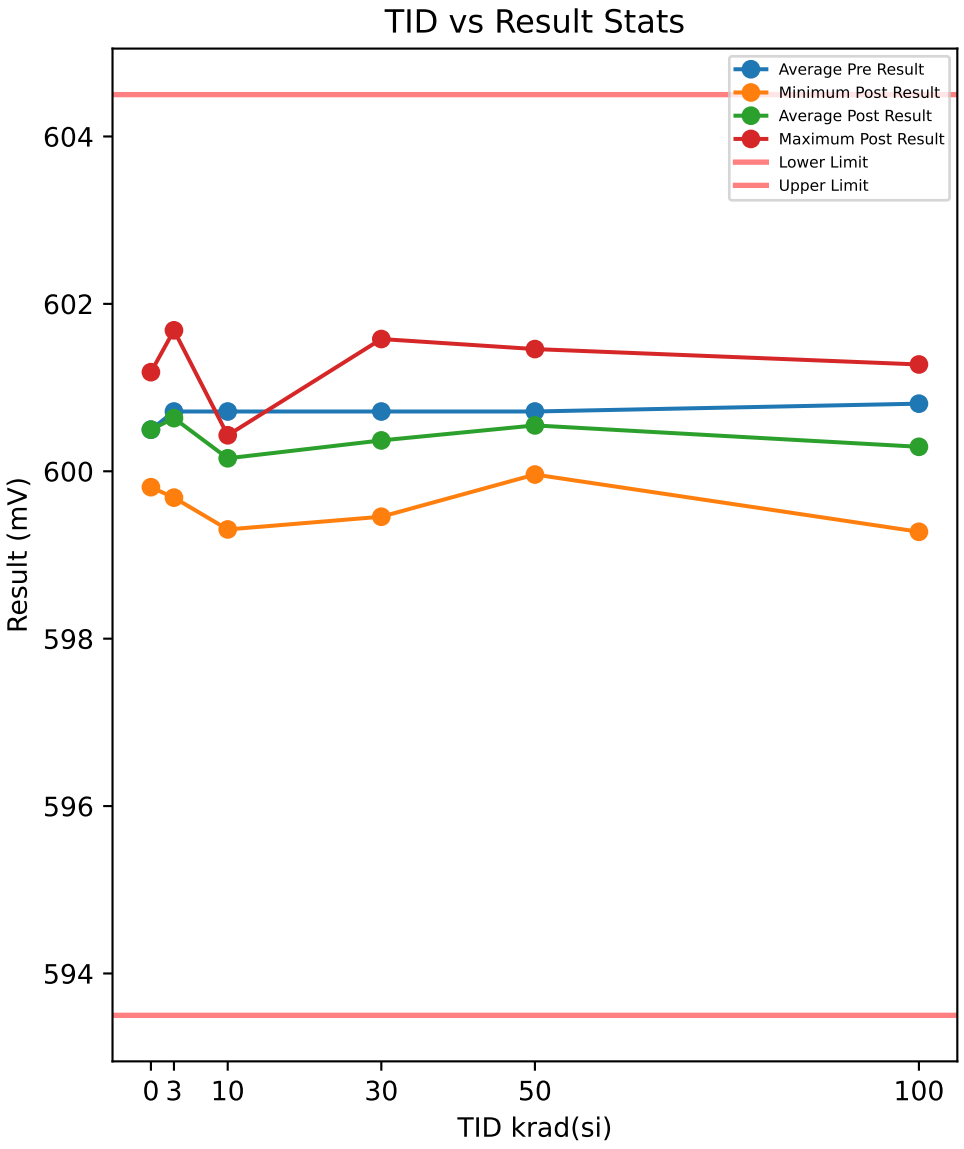
Test Results (Lower Limit = 484.0, Upper Limit = 511.0 (mV))

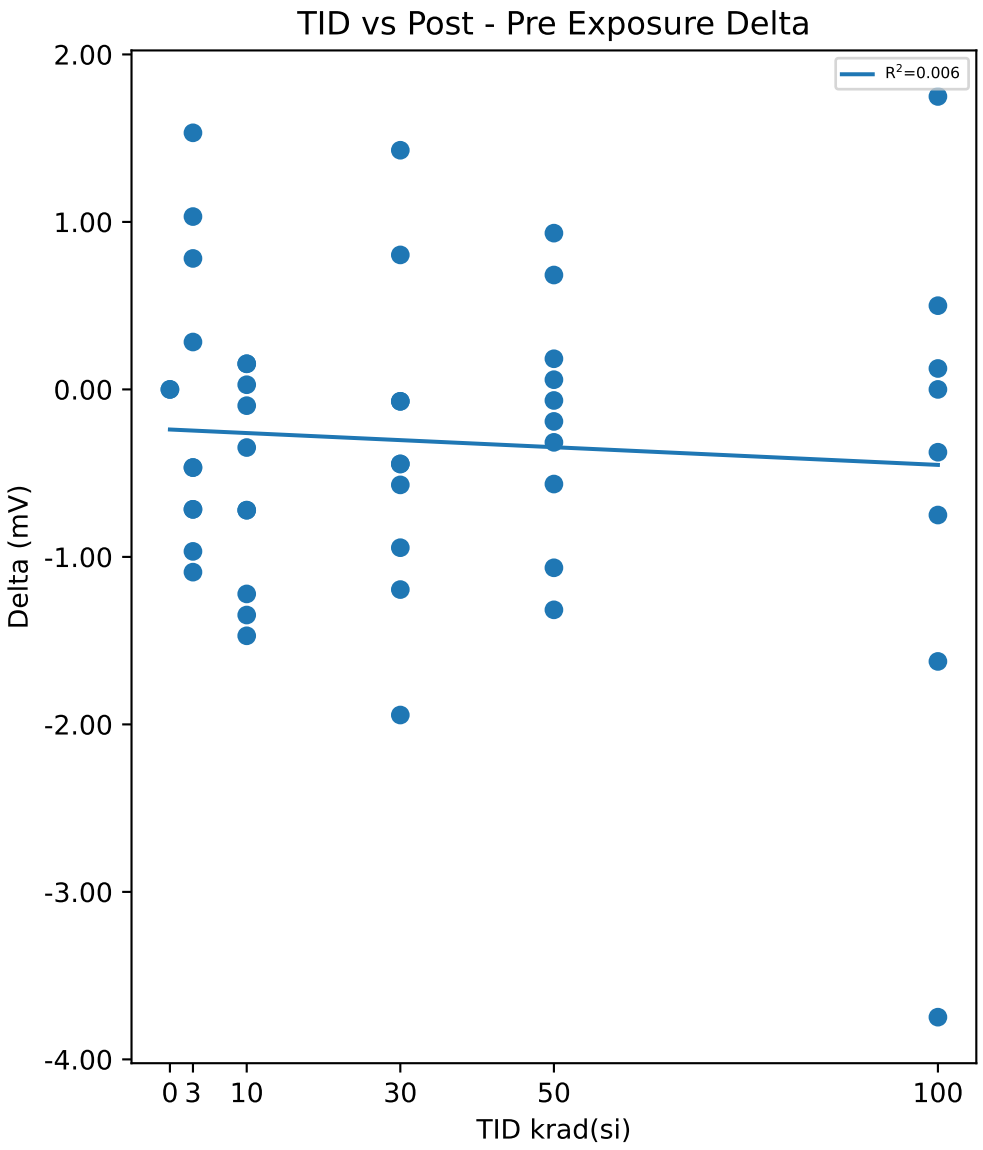
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	497.47	497.47	0
7	0	Correlation	498.7	498.7	0
16	3	LDR-Biased	500.12	501.88	1.765
18	3	LDR-Biased	501.18	499.59	-1.589
19	3	LDR-Biased	501.88	500.12	-1.765
20	3	LDR-Biased	496.94	500.65	3.708
21	3	LDR-Biased	496.76	496.41	-0.353
22	3	LDR-Unbiased	493.23	501	7.77
23	3	LDR-Unbiased	496.23	496.76	0.53
25	3	LDR-Unbiased	495.17	499.41	4.237
26	3	LDR-Unbiased	496.76	503.12	6.356
27	3	LDR-Unbiased	497.47	496.76	-0.706
46	10	LDR-Biased	500.12	501.88	1.765
48	10	LDR-Biased	501.18	499.41	-1.766
49	10	LDR-Biased	501.88	499.94	-1.942
50	10	LDR-Biased	496.94	499.94	3.002
51	10	LDR-Biased	496.76	496.06	-0.706
52	10	LDR-Unbiased	493.23	501.18	7.946
53	10	LDR-Unbiased	496.23	496.94	0.706
55	10	LDR-Unbiased	495.17	499.41	4.237
56	10	LDR-Unbiased	496.76	503.3	6.533
57	10	LDR-Unbiased	497.47	496.59	-0.883
76	30	LDR-Biased	500.12	501.18	1.059
78	30	LDR-Biased	501.18	499.06	-2.119
79	30	LDR-Biased	501.88	499.76	-2.118
80	30	LDR-Biased	496.94	499.76	2.826
81	30	LDR-Biased	496.76	496.41	-0.353
82	30	LDR-Unbiased	493.23	501.18	7.946
83	30	LDR-Unbiased	496.23	497.29	1.06
84	30	LDR-Unbiased	497.47	495.7	-1.766
85	30	LDR-Unbiased	495.17	498.7	3.531
86	30	LDR-Unbiased	496.76	504	7.239
87	100	LDR-Biased	500.12	499.94	-0.177
88	100	LDR-Biased	500.12	497.29	-2.825
90	100	LDR-Biased	501.53	497.47	-4.061
91	100	LDR-Unbiased	493.23	499.41	6.18
93	100	LDR-Unbiased	496.76	499.59	2.825
94	100	LDR-Unbiased	500.12	498.18	-1.943
95	100	LDR-Unbiased	498.35	497.65	-0.706
96	100	LDR-Unbiased	497.29	497.12	-0.177
106	50	LDR-Biased	500.12	501	0.883
108	50	LDR-Biased	501.18	499.06	-2.119
109	50	LDR-Biased	501.88	499.59	-2.295
110	50	LDR-Biased	496.94	499.76	2.826
111	50	LDR-Biased	496.76	495.7	-1.06
112	50	LDR-Unbiased	493.23	499.94	6.71
113	50	LDR-Unbiased	496.23	497.65	1.413
115	50	LDR-Unbiased	495.17	499.06	3.884
116	50	LDR-Unbiased	496.76	503.65	6.886
117	50	LDR-Unbiased	497.47	495.53	-1.942

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	497.47	498.09	498.7	0.87398	497.47	498.09	498.7	0.87398	0	0	0	0
3	493.23	497.57	501.88	2.7115	496.41	499.57	503.12	2.2906	-1.765	1.9953	7.77	3.3718
10	493.23	497.57	501.88	2.7115	496.06	499.46	503.3	2.3617	-1.942	1.8892	7.946	3.4781
30	493.23	497.57	501.88	2.7115	495.7	499.31	504	2.4792	-2.119	1.7305	7.946	3.6593
50	493.23	497.57	501.88	2.7115	495.53	499.09	503.65	2.4064	-2.295	1.5186	6.886	3.4941
100	493.23	498.44	501.53	2.6529	497.12	498.33	499.94	1.142	-4.061	-0.1105	6.18	3.2707

Device Test: 13.25 VTH_SENSE1_RISING/SENSE1/1.6/14/0/0/0/@VTH_SENSE





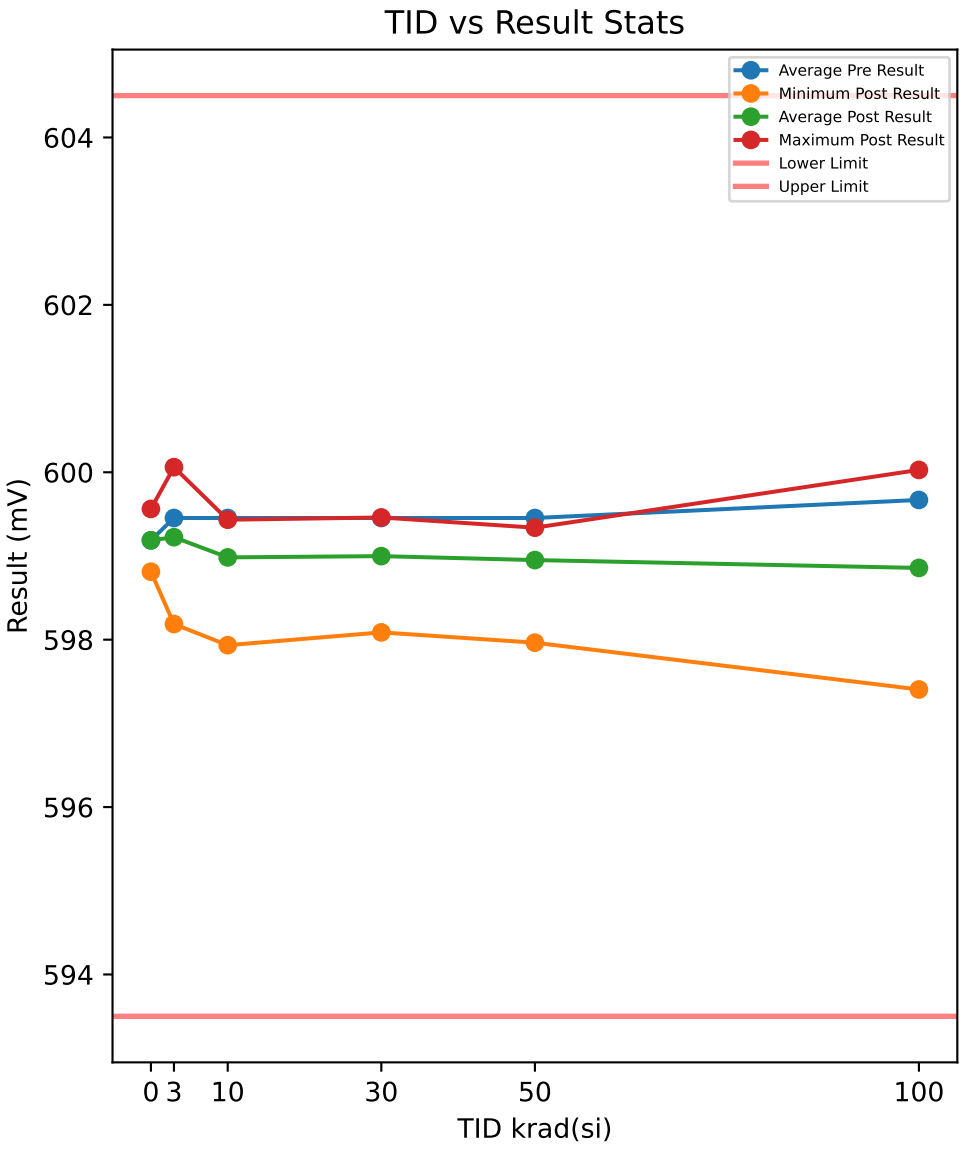
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.81	599.81	0
7	0	Correlation	601.18	601.18	0
16	3	LDR-Biased	600.65	599.68	-0.967
18	3	LDR-Biased	600.53	600.06	-0.467
19	3	LDR-Biased	600.9	600.43	-0.466
20	3	LDR-Biased	601.03	600.31	-0.716
21	3	LDR-Biased	600.4	601.18	0.782
22	3	LDR-Unbiased	600.15	601.68	1.532
23	3	LDR-Unbiased	600.28	600.56	0.283
25	3	LDR-Unbiased	601.28	600.18	-1.091
26	3	LDR-Unbiased	600.15	601.18	1.032
27	3	LDR-Unbiased	601.78	601.06	-0.716
46	10	LDR-Biased	600.65	599.3	-1.347
48	10	LDR-Biased	600.53	600.43	-0.097
49	10	LDR-Biased	600.9	600.18	-0.721
50	10	LDR-Biased	601.03	600.3	-0.721
51	10	LDR-Biased	600.4	600.05	-0.347
52	10	LDR-Unbiased	600.15	600.3	0.153
53	10	LDR-Unbiased	600.28	600.43	0.153
55	10	LDR-Unbiased	601.28	600.05	-1.221
56	10	LDR-Unbiased	600.15	600.18	0.028
57	10	LDR-Unbiased	601.78	600.3	-1.471
76	30	LDR-Biased	600.65	599.46	-1.195
78	30	LDR-Biased	600.53	599.96	-0.57
79	30	LDR-Biased	600.9	600.46	-0.445
80	30	LDR-Biased	601.03	600.08	-0.945
81	30	LDR-Biased	600.4	601.21	0.803
82	30	LDR-Unbiased	600.15	599.71	-0.445
83	30	LDR-Unbiased	600.28	600.21	-0.071
84	30	LDR-Unbiased	601.78	599.83	-1.944
85	30	LDR-Unbiased	601.28	601.21	-0.071
86	30	LDR-Unbiased	600.15	601.58	1.428
87	100	LDR-Biased	600.65	600.65	0
88	100	LDR-Biased	601.15	601.28	0.125
90	100	LDR-Biased	600.03	600.53	0.5
91	100	LDR-Unbiased	600.53	600.15	-0.375
93	100	LDR-Unbiased	599.4	601.15	1.749
94	100	LDR-Unbiased	600.9	599.28	-1.624
95	100	LDR-Unbiased	600.65	599.9	-0.75
96	100	LDR-Unbiased	603.15	599.4	-3.748
106	50	LDR-Biased	600.65	600.71	0.058
108	50	LDR-Biased	600.53	601.46	0.933
109	50	LDR-Biased	600.9	600.34	-0.565
110	50	LDR-Biased	601.03	599.96	-1.065
111	50	LDR-Biased	600.4	600.09	-0.316
112	50	LDR-Unbiased	600.15	599.96	-0.191
113	50	LDR-Unbiased	600.28	600.46	0.183
115	50	LDR-Unbiased	601.28	601.21	-0.066
116	50	LDR-Unbiased	600.15	600.84	0.683
117	50	LDR-Unbiased	601.78	600.46	-1.316

Test Statistics (mV)

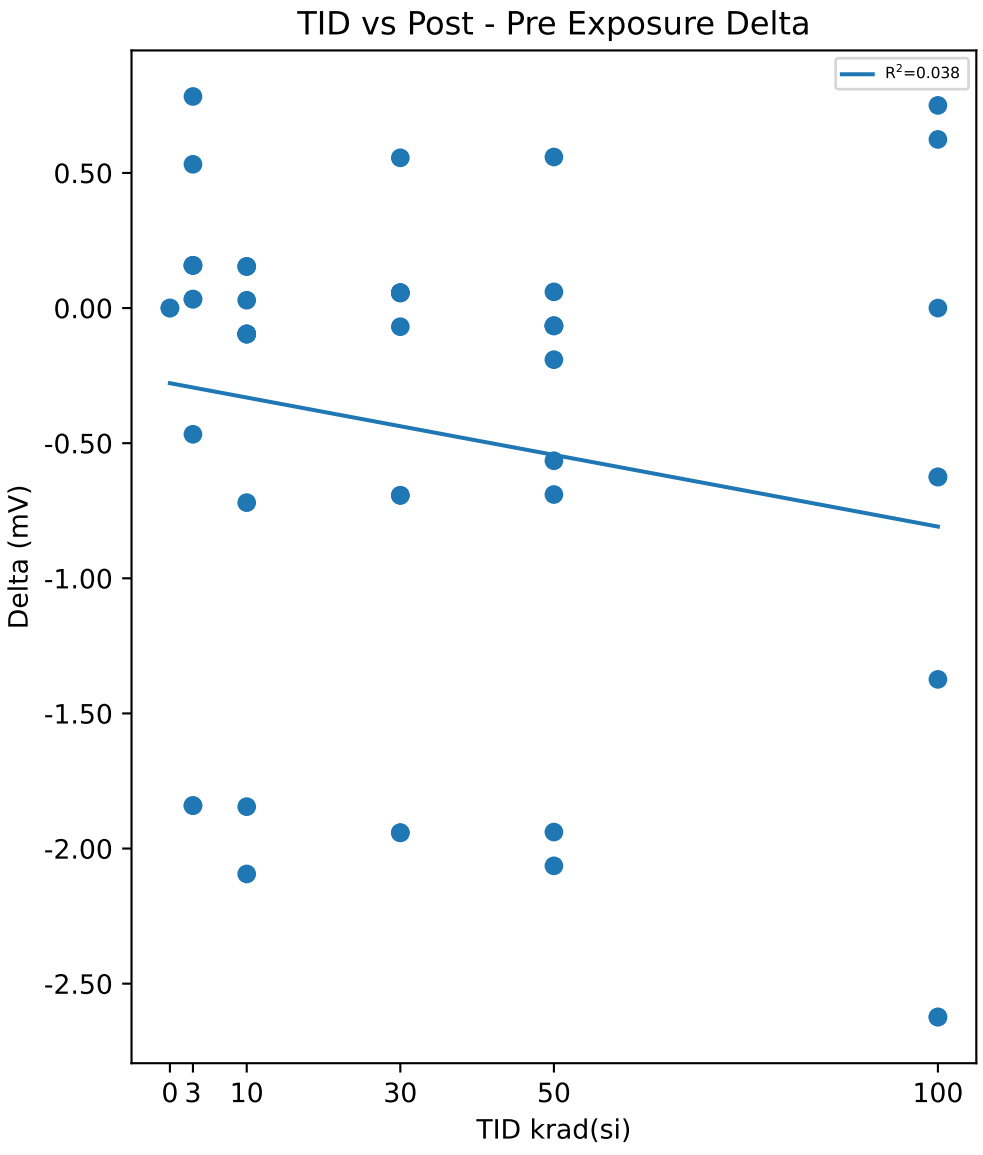
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.81	600.5	601.18	0.97156	599.81	600.5	601.18	0.97156	0	0	0	0
3	600.15	600.71	601.78	0.5307	599.68	600.63	601.68	0.62099	-1.091	-0.0794	1.532	0.92054
10	600.15	600.71	601.78	0.5307	599.3	600.15	600.43	0.32702	-1.471	-0.5591	0.153	0.62896
30	600.15	600.71	601.78	0.5307	599.46	600.37	601.58	0.72338	-1.944	-0.3455	1.428	0.96157
50	600.15	600.71	601.78	0.5307	599.96	600.55	601.46	0.51008	-1.316	-0.1662	0.933	0.70108
100	599.4	600.81	603.15	1.0906	599.28	600.29	601.28	0.74498	-3.748	-0.51537	1.749	1.6295

Device Test: 13.26 VTH_SENSE1_FALLING/SENSE1/1.6/14/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

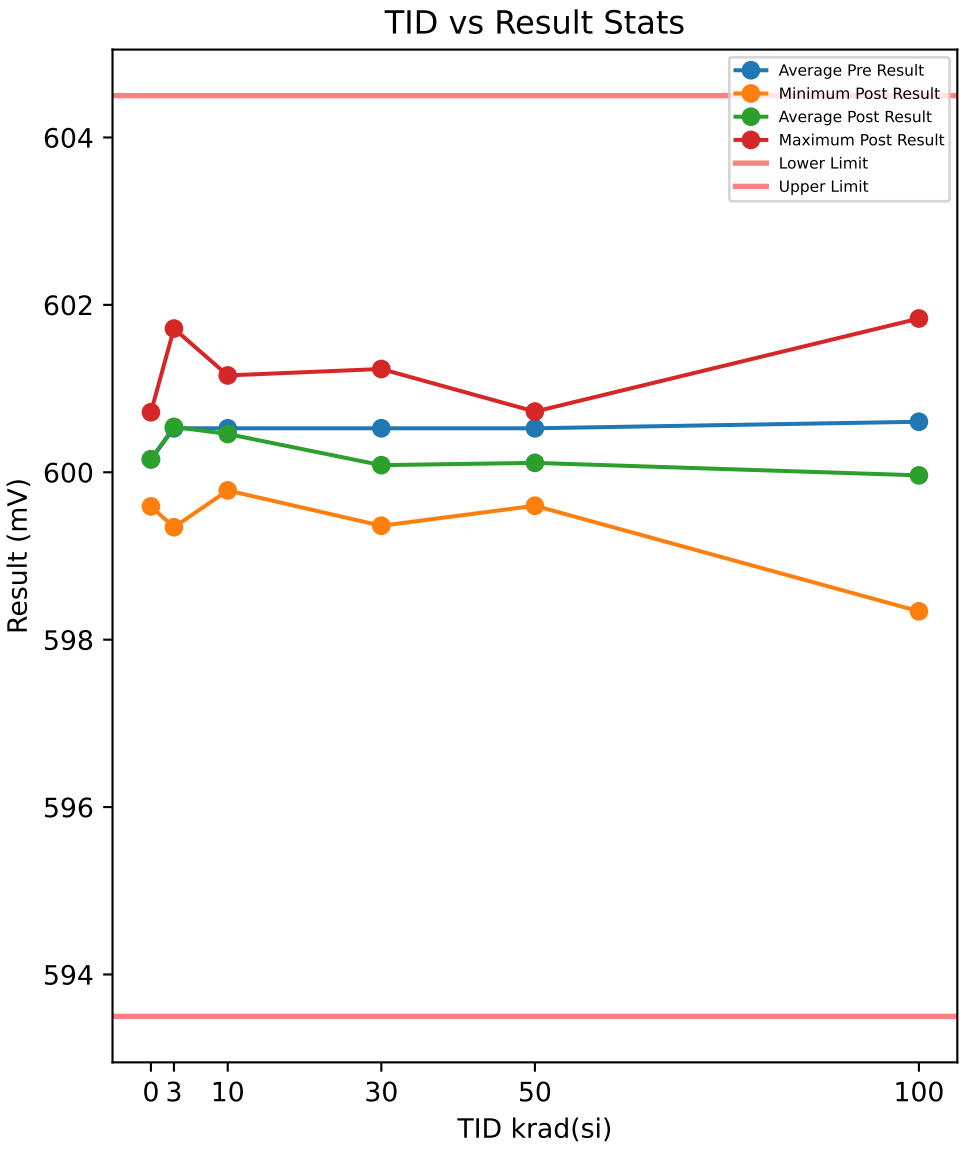
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.81	598.81	0
7	0	Correlation	599.56	599.56	0
16	3	LDR-Biased	600.03	598.19	-1.841
18	3	LDR-Biased	599.4	598.94	-0.467
19	3	LDR-Biased	600.03	600.06	0.033
20	3	LDR-Biased	598.78	598.94	0.158
21	3	LDR-Biased	599.28	599.44	0.158
22	3	LDR-Unbiased	598.65	598.81	0.158
23	3	LDR-Unbiased	598.78	599.56	0.783
25	3	LDR-Unbiased	599.4	599.44	0.033
26	3	LDR-Unbiased	599.53	600.06	0.532
27	3	LDR-Unbiased	600.65	598.81	-1.841
46	10	LDR-Biased	600.03	597.93	-2.094
48	10	LDR-Biased	599.4	599.31	-0.096
49	10	LDR-Biased	600.03	599.31	-0.72
50	10	LDR-Biased	598.78	598.81	0.029
51	10	LDR-Biased	599.28	599.43	0.154
52	10	LDR-Unbiased	598.65	598.81	0.154
53	10	LDR-Unbiased	598.78	598.68	-0.096
55	10	LDR-Unbiased	599.4	599.31	-0.096
56	10	LDR-Unbiased	599.53	599.43	-0.096
57	10	LDR-Unbiased	600.65	598.81	-1.845
76	30	LDR-Biased	600.03	598.09	-1.941
78	30	LDR-Biased	599.4	598.71	-0.693
79	30	LDR-Biased	600.03	599.34	-0.693
80	30	LDR-Biased	598.78	598.84	0.057
81	30	LDR-Biased	599.28	599.34	0.056
82	30	LDR-Unbiased	598.65	598.71	0.057
83	30	LDR-Unbiased	598.78	599.34	0.556
84	30	LDR-Unbiased	600.65	598.71	-1.942
85	30	LDR-Unbiased	599.4	599.46	0.056
86	30	LDR-Unbiased	599.53	599.46	-0.069
87	100	LDR-Biased	599.4	599.4	0
88	100	LDR-Biased	600.15	598.78	-1.374
90	100	LDR-Biased	599.4	598.78	-0.625
91	100	LDR-Unbiased	598.78	599.53	0.75
93	100	LDR-Unbiased	599.4	600.03	0.624
94	100	LDR-Unbiased	600.03	597.4	-2.623
95	100	LDR-Unbiased	599.4	598.78	-0.625
96	100	LDR-Unbiased	600.78	598.15	-2.624
106	50	LDR-Biased	600.03	597.96	-2.064
108	50	LDR-Biased	599.4	599.34	-0.066
109	50	LDR-Biased	600.03	599.34	-0.69
110	50	LDR-Biased	598.78	598.71	-0.065
111	50	LDR-Biased	599.28	598.71	-0.565
112	50	LDR-Unbiased	598.65	598.71	0.06
113	50	LDR-Unbiased	598.78	599.34	0.559
115	50	LDR-Unbiased	599.4	599.34	-0.066
116	50	LDR-Unbiased	599.53	599.34	-0.191
117	50	LDR-Unbiased	600.65	598.71	-1.939

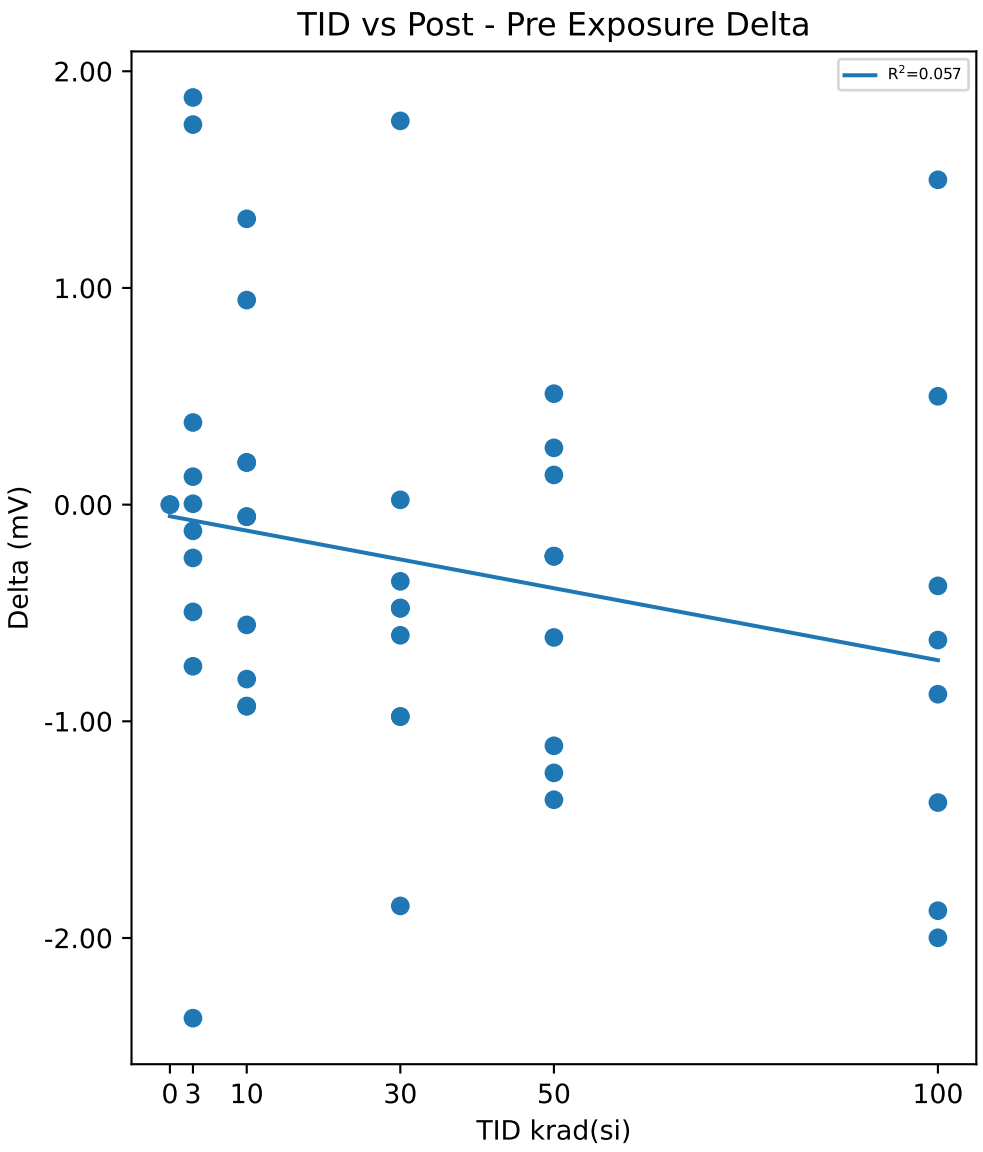


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.81	599.19	599.56	0.53033	598.81	599.19	599.56	0.53033	0	0	0	0
3	598.65	599.45	600.65	0.64023	598.19	599.22	600.06	0.59495	-1.841	-0.2294	0.783	0.90943
10	598.65	599.45	600.65	0.64023	597.93	598.98	599.43	0.47189	-2.094	-0.4706	0.154	0.8285
30	598.65	599.45	600.65	0.64023	598.09	599	599.46	0.45593	-1.942	-0.4556	0.556	0.86604
50	598.65	599.45	600.65	0.64023	597.96	598.95	599.34	0.4652	-2.064	-0.5027	0.559	0.85982
100	598.78	599.67	600.78	0.61714	597.4	598.86	600.03	0.82313	-2.624	-0.81213	0.75	1.3153

Device Test: 13.27 VTH_SENSE2_RISING/SENSE2/1.6/14/0/0/0/@VTH_SENSE





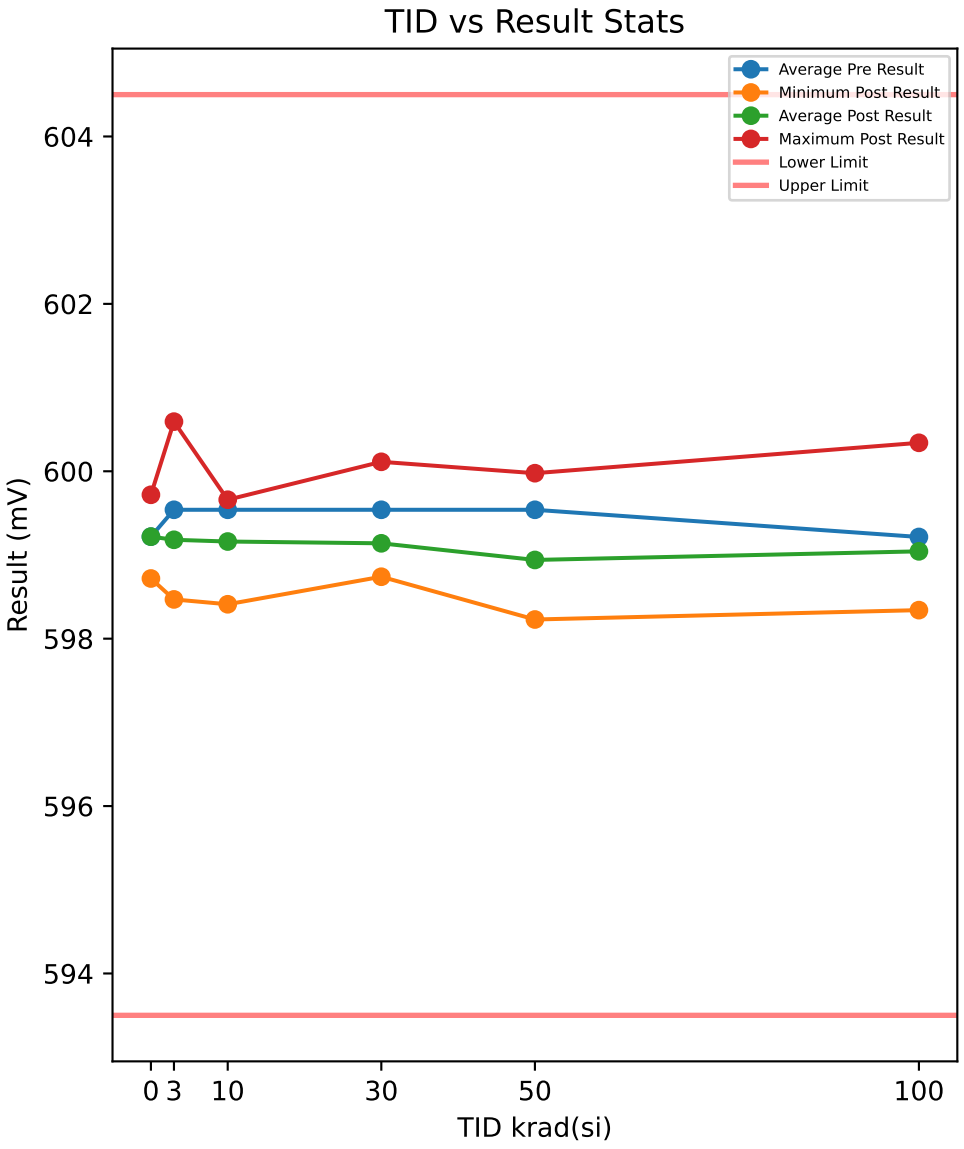
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.59	599.59	0
7	0	Correlation	600.72	600.72	0
16	3	LDR-Biased	600.46	600.59	0.129
18	3	LDR-Biased	599.84	599.34	-0.495
19	3	LDR-Biased	602.09	599.72	-2.37
20	3	LDR-Biased	600.34	600.72	0.379
21	3	LDR-Biased	599.84	601.72	1.879
22	3	LDR-Unbiased	600.21	600.22	0.004
23	3	LDR-Unbiased	599.46	601.22	1.754
25	3	LDR-Unbiased	600.96	600.72	-0.246
26	3	LDR-Unbiased	600.84	600.09	-0.746
27	3	LDR-Unbiased	601.21	601.09	-0.121
46	10	LDR-Biased	600.46	600.66	0.194
48	10	LDR-Biased	599.84	599.78	-0.055
49	10	LDR-Biased	602.09	601.16	-0.93
50	10	LDR-Biased	600.34	599.78	-0.555
51	10	LDR-Biased	599.84	600.03	0.195
52	10	LDR-Unbiased	600.21	601.16	0.944
53	10	LDR-Unbiased	599.46	600.78	1.319
55	10	LDR-Unbiased	600.96	600.91	-0.056
56	10	LDR-Unbiased	600.84	599.91	-0.93
57	10	LDR-Unbiased	601.21	600.41	-0.805
76	30	LDR-Biased	600.46	599.86	-0.603
78	30	LDR-Biased	599.84	599.36	-0.477
79	30	LDR-Biased	602.09	600.24	-1.852
80	30	LDR-Biased	600.34	599.86	-0.478
81	30	LDR-Biased	599.84	599.86	0.022
82	30	LDR-Unbiased	600.21	599.74	-0.478
83	30	LDR-Unbiased	599.46	601.23	1.771
84	30	LDR-Unbiased	601.21	600.24	-0.978
85	30	LDR-Unbiased	600.96	600.61	-0.354
86	30	LDR-Unbiased	600.84	599.86	-0.978
87	100	LDR-Biased	600.71	599.84	-0.875
88	100	LDR-Biased	600.71	599.34	-1.375
90	100	LDR-Biased	599.84	599.46	-0.375
91	100	LDR-Unbiased	600.34	600.84	0.5
93	100	LDR-Unbiased	600.34	601.84	1.499
94	100	LDR-Unbiased	600.34	598.34	-1.999
95	100	LDR-Unbiased	600.34	599.71	-0.625
96	100	LDR-Unbiased	602.21	600.34	-1.874
106	50	LDR-Biased	600.46	600.23	-0.238
108	50	LDR-Biased	599.84	599.6	-0.238
109	50	LDR-Biased	602.09	600.73	-1.362
110	50	LDR-Biased	600.34	600.48	0.137
111	50	LDR-Biased	599.84	600.35	0.512
112	50	LDR-Unbiased	600.21	599.6	-0.613
113	50	LDR-Unbiased	599.46	599.73	0.262
115	50	LDR-Unbiased	600.96	600.73	-0.238
116	50	LDR-Unbiased	600.84	599.73	-1.113
117	50	LDR-Unbiased	601.21	599.98	-1.238

Test Statistics (mV)

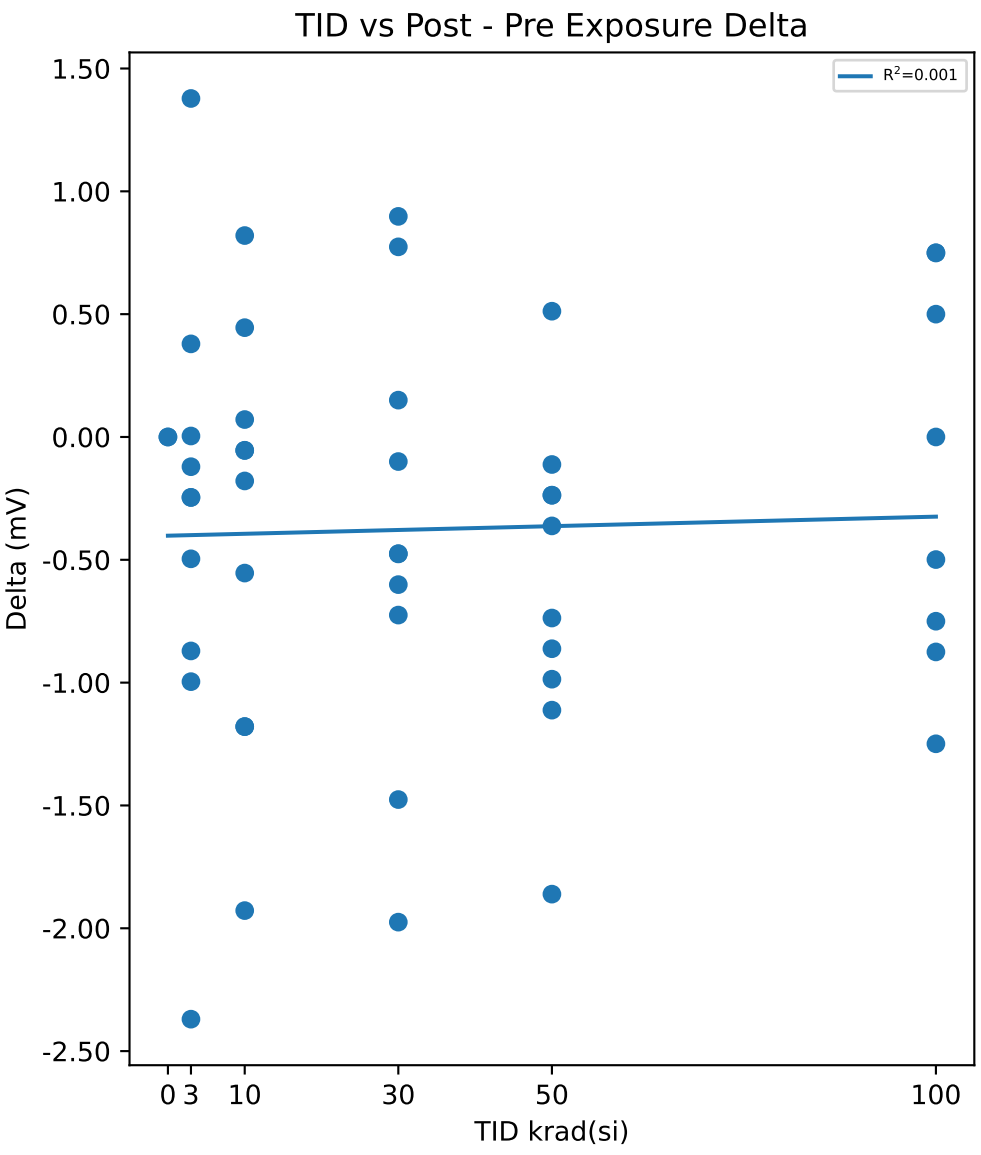
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.59	600.15	600.72	0.7955	599.59	600.15	600.72	0.7955	0	0	0	0
3	599.46	600.53	602.09	0.77538	599.34	600.54	601.72	0.71716	-2.37	0.0167	1.879	1.2137
10	599.46	600.53	602.09	0.77538	599.78	600.46	601.16	0.54977	-0.93	-0.0679	1.319	0.77118
30	599.46	600.53	602.09	0.77538	599.36	600.08	601.23	0.52588	-1.852	-0.4405	1.771	0.92573
50	599.46	600.53	602.09	0.77538	599.6	600.11	600.73	0.44663	-1.362	-0.4129	0.512	0.65123
100	599.84	600.6	602.21	0.705	598.34	599.96	601.84	1.0539	-1.999	-0.6405	1.499	1.1899

Device Test: 13.28 VTH_SENSE2_FALLING/SENSE2/1.6/14/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

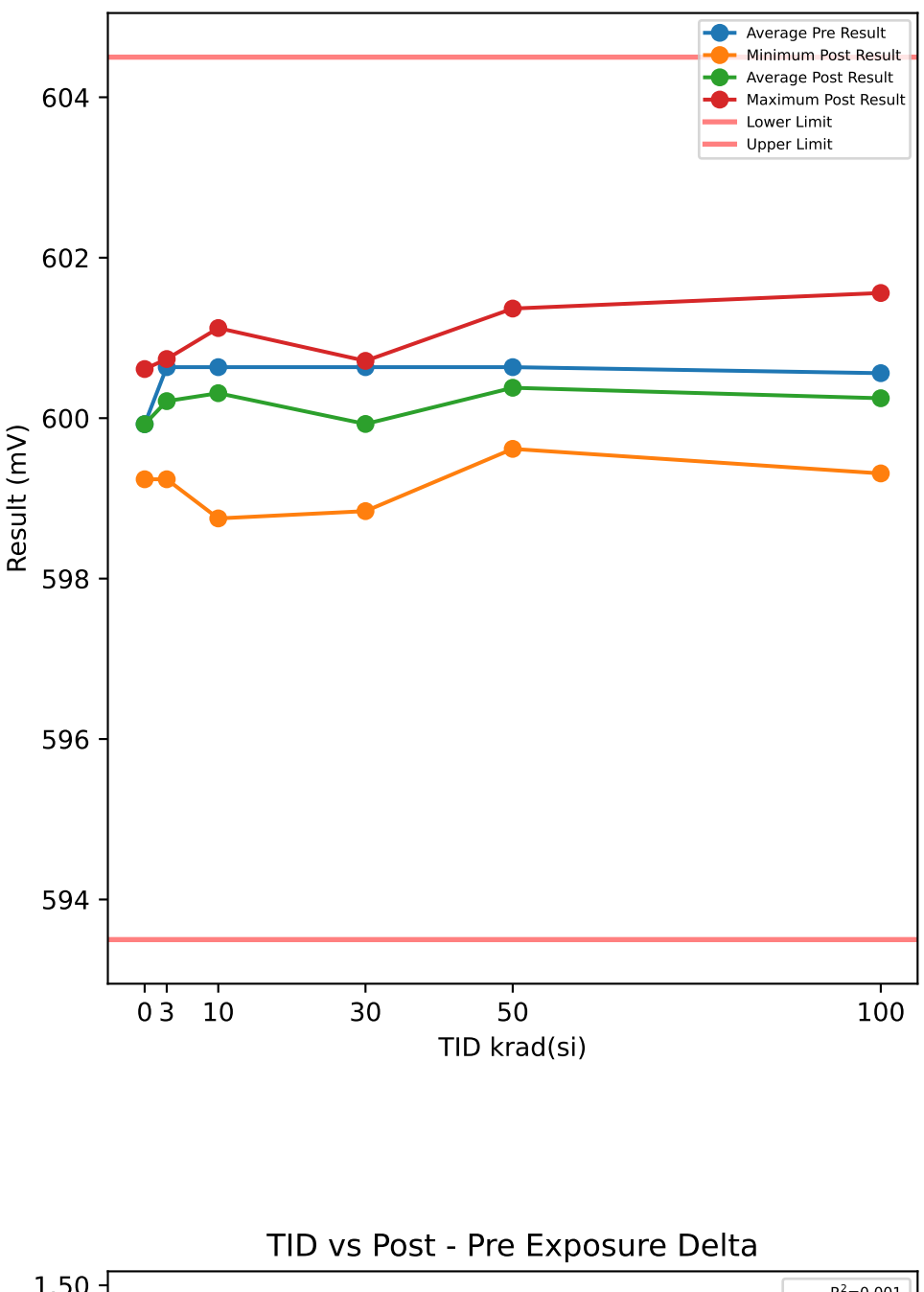
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.72	598.72	0
7	0	Correlation	599.72	599.72	0
16	3	LDR-Biased	599.59	599.34	-0.246
18	3	LDR-Biased	598.72	598.72	0.004
19	3	LDR-Biased	601.21	598.84	-2.37
20	3	LDR-Biased	599.47	598.47	-0.996
21	3	LDR-Biased	598.97	598.84	-0.121
22	3	LDR-Unbiased	599.22	598.72	-0.496
23	3	LDR-Unbiased	598.97	599.34	0.379
25	3	LDR-Unbiased	599.22	600.59	1.378
26	3	LDR-Unbiased	599.59	598.72	-0.871
27	3	LDR-Unbiased	600.47	600.22	-0.246
46	10	LDR-Biased	599.59	599.53	-0.055
48	10	LDR-Biased	598.72	599.53	0.82
49	10	LDR-Biased	601.21	599.29	-1.928
50	10	LDR-Biased	599.47	598.91	-0.554
51	10	LDR-Biased	598.97	598.91	-0.054
52	10	LDR-Unbiased	599.22	599.04	-0.179
53	10	LDR-Unbiased	598.97	599.04	0.071
55	10	LDR-Unbiased	599.22	599.66	0.445
56	10	LDR-Unbiased	599.59	598.41	-1.179
57	10	LDR-Unbiased	600.47	599.29	-1.179
76	30	LDR-Biased	599.59	598.99	-0.601
78	30	LDR-Biased	598.72	598.87	0.15
79	30	LDR-Biased	601.21	599.24	-1.975
80	30	LDR-Biased	599.47	598.99	-0.476
81	30	LDR-Biased	598.97	598.87	-0.1
82	30	LDR-Unbiased	599.22	598.74	-0.475
83	30	LDR-Unbiased	598.97	599.74	0.774
84	30	LDR-Unbiased	600.47	598.99	-1.476
85	30	LDR-Unbiased	599.22	600.11	0.898
86	30	LDR-Unbiased	599.59	598.87	-0.725
87	100	LDR-Biased	598.84	598.34	-0.499
88	100	LDR-Biased	599.47	598.72	-0.75
90	100	LDR-Biased	597.84	598.59	0.749
91	100	LDR-Unbiased	599.59	600.34	0.75
93	100	LDR-Unbiased	599.34	599.84	0.5
94	100	LDR-Unbiased	599.72	598.47	-1.249
95	100	LDR-Unbiased	598.97	598.97	0
96	100	LDR-Unbiased	599.97	599.09	-0.875
106	50	LDR-Biased	599.59	598.85	-0.737
108	50	LDR-Biased	598.72	598.48	-0.237
109	50	LDR-Biased	601.21	599.35	-1.861
110	50	LDR-Biased	599.47	599.98	0.512
111	50	LDR-Biased	598.97	598.73	-0.237
112	50	LDR-Unbiased	599.22	598.85	-0.362
113	50	LDR-Unbiased	598.97	598.85	-0.112
115	50	LDR-Unbiased	599.22	598.23	-0.986
116	50	LDR-Unbiased	599.59	598.73	-0.862
117	50	LDR-Unbiased	600.47	599.35	-1.112

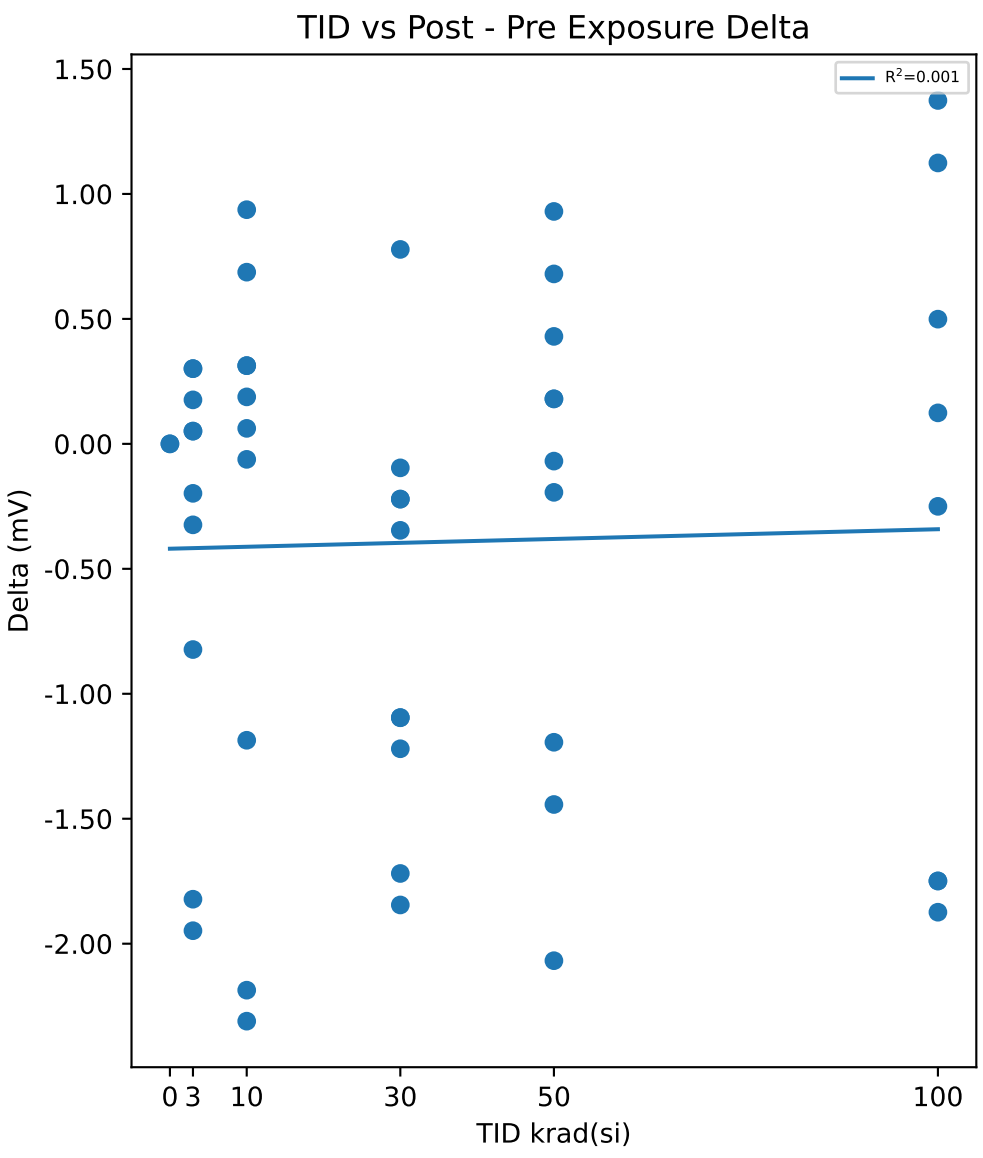


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.72	599.22	599.72	0.70711	598.72	599.22	599.72	0.70711	0	0	0	0
3	598.72	599.54	601.21	0.7617	598.47	599.18	600.59	0.70701	-2.37	-0.3585	1.378	0.9722
10	598.72	599.54	601.21	0.7617	598.41	599.16	599.66	0.37694	-1.928	-0.3792	0.82	0.83531
30	598.72	599.54	601.21	0.7617	598.74	599.14	600.11	0.44355	-1.975	-0.4006	0.898	0.89761
50	598.72	599.54	601.21	0.7617	598.23	598.94	599.98	0.49978	-1.861	-0.5994	0.512	0.65689
100	597.84	599.22	599.97	0.66786	598.34	599.04	600.34	0.70348	-1.249	-0.17175	0.75	0.78145

Device Test: 13.29 VTH_SENSE3_RISING/SENSE3/1.6/14/0/0/0/@VTH_SENSE





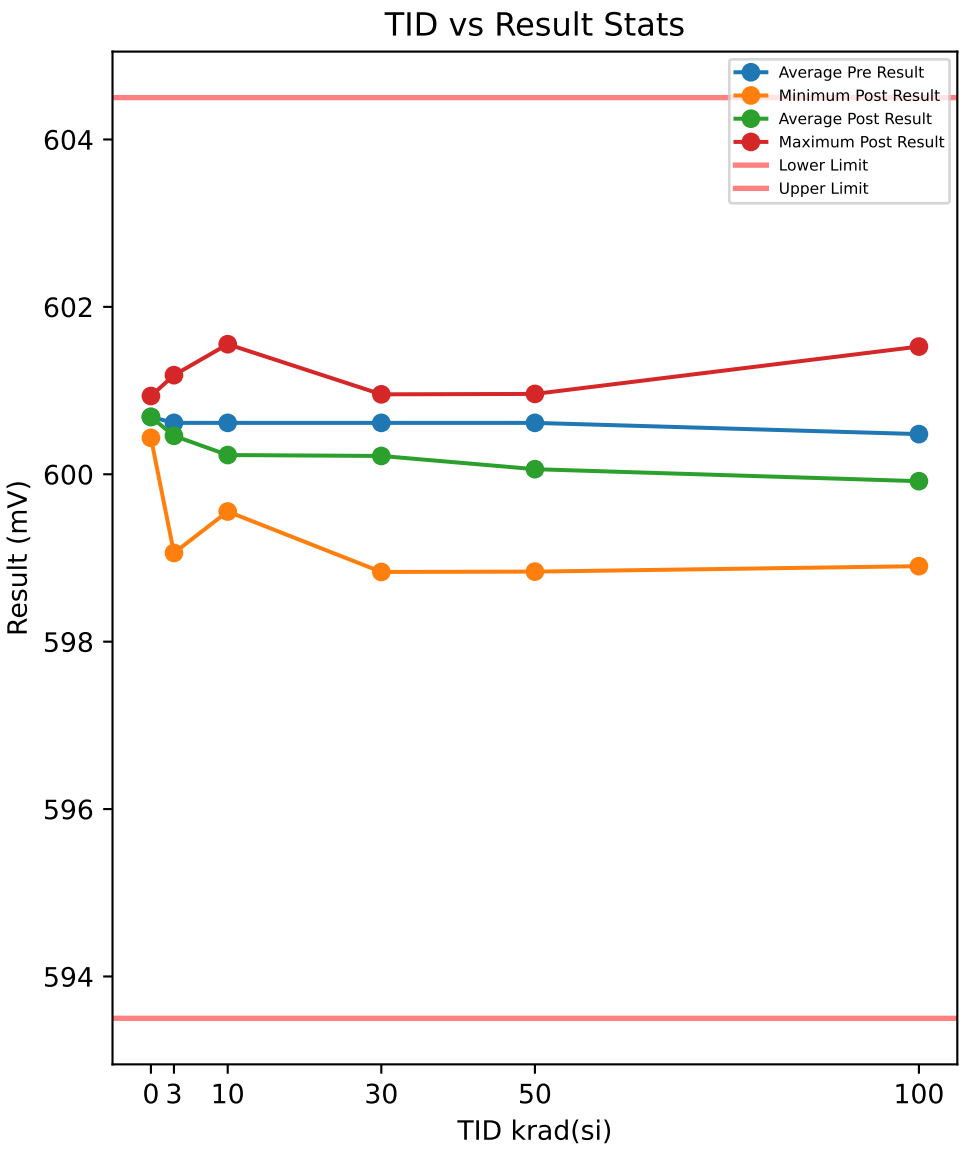
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

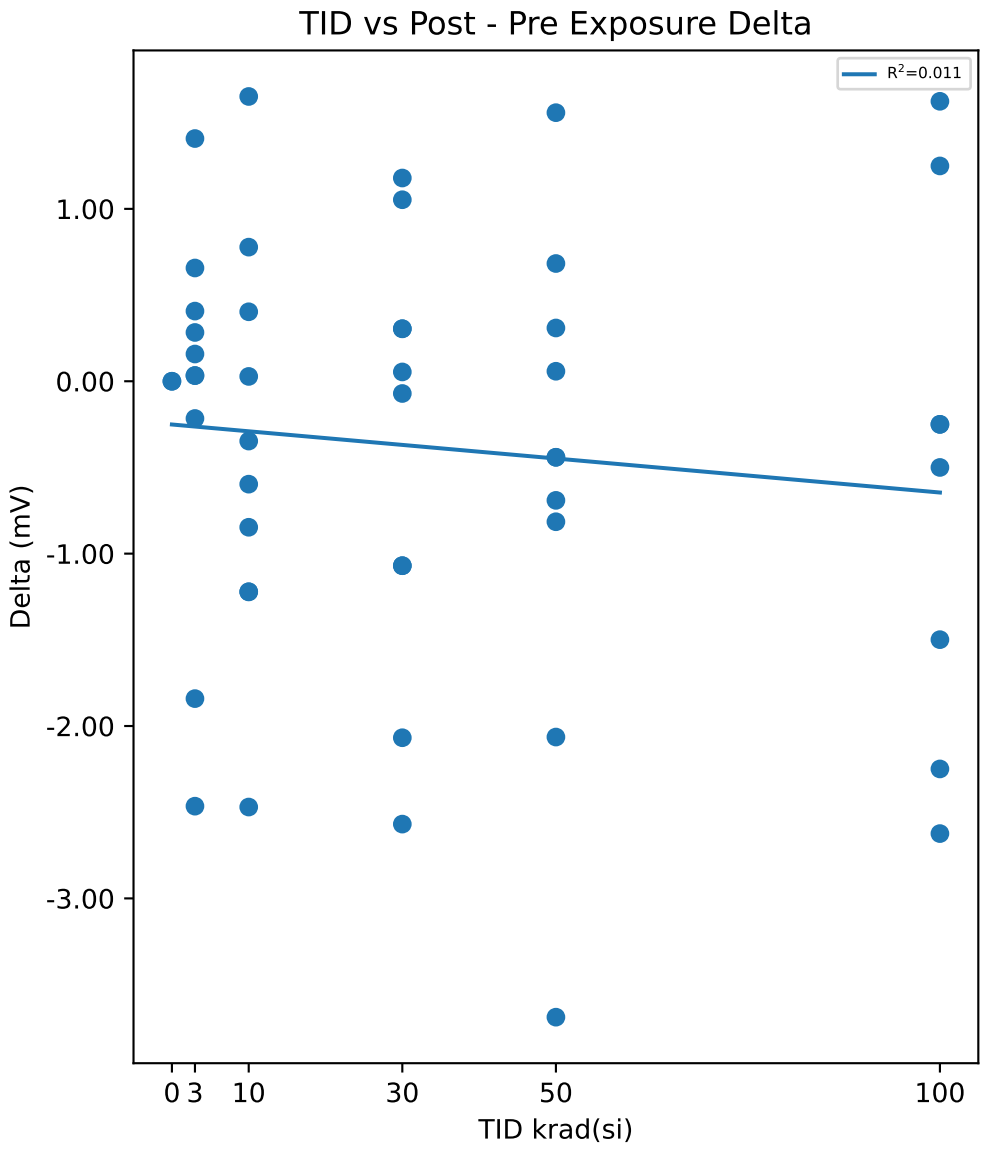
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.24	599.24	0
7	0	Correlation	600.61	600.61	0
16	3	LDR-Biased	600.44	600.74	0.301
18	3	LDR-Biased	600.19	600.24	0.051
19	3	LDR-Biased	601.56	600.74	-0.823
20	3	LDR-Biased	601.06	599.24	-1.822
21	3	LDR-Biased	600.19	600.36	0.176
22	3	LDR-Unbiased	599.94	600.24	0.301
23	3	LDR-Unbiased	599.94	599.61	-0.324
25	3	LDR-Unbiased	600.44	600.49	0.051
26	3	LDR-Unbiased	600.81	600.61	-0.198
27	3	LDR-Unbiased	601.81	599.86	-1.948
46	10	LDR-Biased	600.44	600.5	0.062
48	10	LDR-Biased	600.19	601.12	0.937
49	10	LDR-Biased	601.56	600.37	-1.186
50	10	LDR-Biased	601.06	598.75	-2.31
51	10	LDR-Biased	600.19	600.12	-0.062
52	10	LDR-Unbiased	599.94	600.25	0.313
53	10	LDR-Unbiased	599.94	600.25	0.313
55	10	LDR-Unbiased	600.44	601.12	0.687
56	10	LDR-Unbiased	600.81	601	0.188
57	10	LDR-Unbiased	601.81	599.62	-2.186
76	30	LDR-Biased	600.44	600.22	-0.221
78	30	LDR-Biased	600.19	600.09	-0.096
79	30	LDR-Biased	601.56	600.46	-1.096
80	30	LDR-Biased	601.06	599.34	-1.719
81	30	LDR-Biased	600.19	599.84	-0.346
82	30	LDR-Unbiased	599.94	598.84	-1.095
83	30	LDR-Unbiased	599.94	600.71	0.778
84	30	LDR-Unbiased	601.81	599.97	-1.845
85	30	LDR-Unbiased	600.44	600.22	-0.221
86	30	LDR-Unbiased	600.81	599.59	-1.22
87	100	LDR-Biased	600.31	600.81	0.499
88	100	LDR-Biased	601.06	599.31	-1.749
90	100	LDR-Biased	600.44	600.56	0.124
91	100	LDR-Unbiased	599.56	600.93	1.374
93	100	LDR-Unbiased	600.44	601.56	1.124
94	100	LDR-Unbiased	601.18	599.31	-1.874
95	100	LDR-Unbiased	600.06	599.81	-0.25
96	100	LDR-Unbiased	601.43	599.69	-1.749
106	50	LDR-Biased	600.44	600.62	0.18
108	50	LDR-Biased	600.19	600.87	0.68
109	50	LDR-Biased	601.56	600.37	-1.194
110	50	LDR-Biased	601.06	599.62	-1.443
111	50	LDR-Biased	600.19	600.37	0.18
112	50	LDR-Unbiased	599.94	600.37	0.43
113	50	LDR-Unbiased	599.94	599.87	-0.069
115	50	LDR-Unbiased	600.44	601.37	0.93
116	50	LDR-Unbiased	600.81	600.62	-0.194
117	50	LDR-Unbiased	601.81	599.74	-2.068

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.24	599.92	600.61	0.97156	599.24	599.92	600.61	0.97156	0	0	0	0
3	599.94	600.64	601.81	0.65888	599.24	600.21	600.74	0.49909	-1.948	-0.4235	0.301	0.84062
10	599.94	600.64	601.81	0.65888	598.75	600.31	601.12	0.72885	-2.31	-0.3244	0.937	1.1575
30	599.94	600.64	601.81	0.65888	598.84	599.93	600.71	0.55233	-1.845	-0.7081	0.778	0.82094
50	599.94	600.64	601.81	0.65888	599.62	600.38	601.37	0.53466	-2.068	-0.2568	0.93	0.9857
100	599.56	600.56	601.43	0.62633	599.31	600.25	601.56	0.83403	-1.874	-0.31263	1.374	1.327

Device Test: 13.3 VTH_SENSE1_RISING/SENSE1/1.6/3/0/0/0/@VTH_SENSE





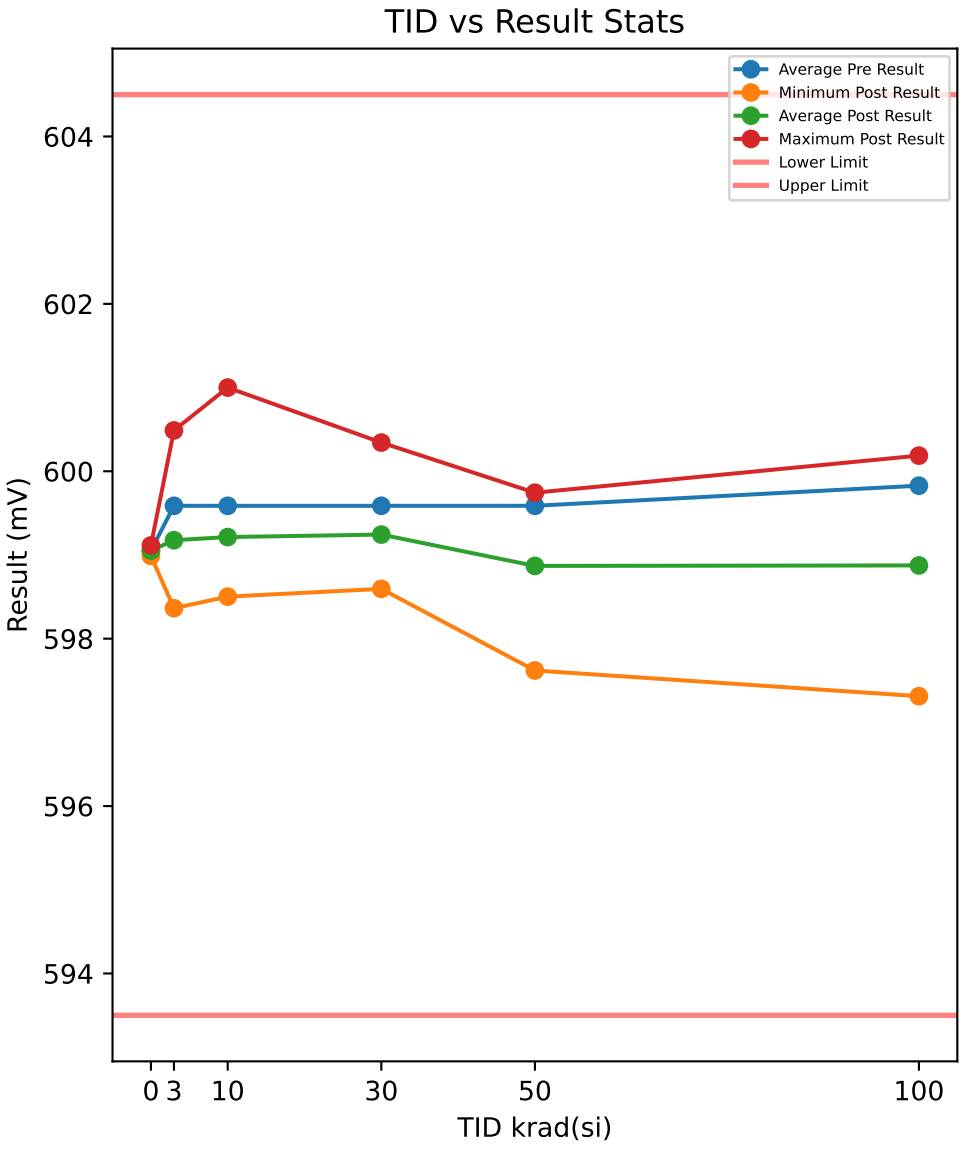
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.93	600.93	0
7	0	Correlation	600.43	600.43	0
16	3	LDR-Biased	600.9	599.06	-1.841
18	3	LDR-Biased	600.78	600.81	0.033
19	3	LDR-Biased	601.15	600.93	-0.216
20	3	LDR-Biased	599.4	599.43	0.033
21	3	LDR-Biased	600.78	601.18	0.407
22	3	LDR-Unbiased	600.28	600.56	0.283
23	3	LDR-Unbiased	599.4	600.81	1.408
25	3	LDR-Unbiased	599.9	600.06	0.158
26	3	LDR-Unbiased	600.53	601.18	0.657
27	3	LDR-Unbiased	603.02	600.56	-2.465
46	10	LDR-Biased	600.9	599.68	-1.221
48	10	LDR-Biased	600.78	599.93	-0.847
49	10	LDR-Biased	601.15	601.55	0.403
50	10	LDR-Biased	599.4	600.18	0.778
51	10	LDR-Biased	600.78	599.55	-1.222
52	10	LDR-Unbiased	600.28	599.93	-0.347
53	10	LDR-Unbiased	599.4	601.05	1.652
55	10	LDR-Unbiased	599.9	599.93	0.028
56	10	LDR-Unbiased	600.53	599.93	-0.597
57	10	LDR-Unbiased	603.02	600.55	-2.47
76	30	LDR-Biased	600.9	598.83	-2.068
78	30	LDR-Biased	600.78	599.71	-1.07
79	30	LDR-Biased	601.15	600.08	-1.07
80	30	LDR-Biased	599.4	599.71	0.305
81	30	LDR-Biased	600.78	600.83	0.054
82	30	LDR-Unbiased	600.28	600.21	-0.071
83	30	LDR-Unbiased	599.4	600.58	1.179
84	30	LDR-Unbiased	603.02	600.46	-2.569
85	30	LDR-Unbiased	599.9	600.96	1.053
86	30	LDR-Unbiased	600.53	600.83	0.304
87	100	LDR-Biased	600.15	599.9	-0.25
88	100	LDR-Biased	601.28	599.78	-1.499
90	100	LDR-Biased	600.28	600.03	-0.25
91	100	LDR-Unbiased	599.9	601.53	1.624
93	100	LDR-Unbiased	599.65	600.9	1.249
94	100	LDR-Unbiased	601.53	598.9	-2.624
95	100	LDR-Unbiased	599.78	599.28	-0.5
96	100	LDR-Unbiased	601.28	599.03	-2.249
106	50	LDR-Biased	600.9	598.84	-2.064
108	50	LDR-Biased	600.78	600.34	-0.441
109	50	LDR-Biased	601.15	600.34	-0.815
110	50	LDR-Biased	599.4	599.71	0.309
111	50	LDR-Biased	600.78	600.09	-0.691
112	50	LDR-Unbiased	600.28	599.84	-0.441
113	50	LDR-Unbiased	599.4	600.96	1.558
115	50	LDR-Unbiased	599.9	600.59	0.683
116	50	LDR-Unbiased	600.53	600.59	0.058
117	50	LDR-Unbiased	603.02	599.34	-3.689

Test Statistics (mV)

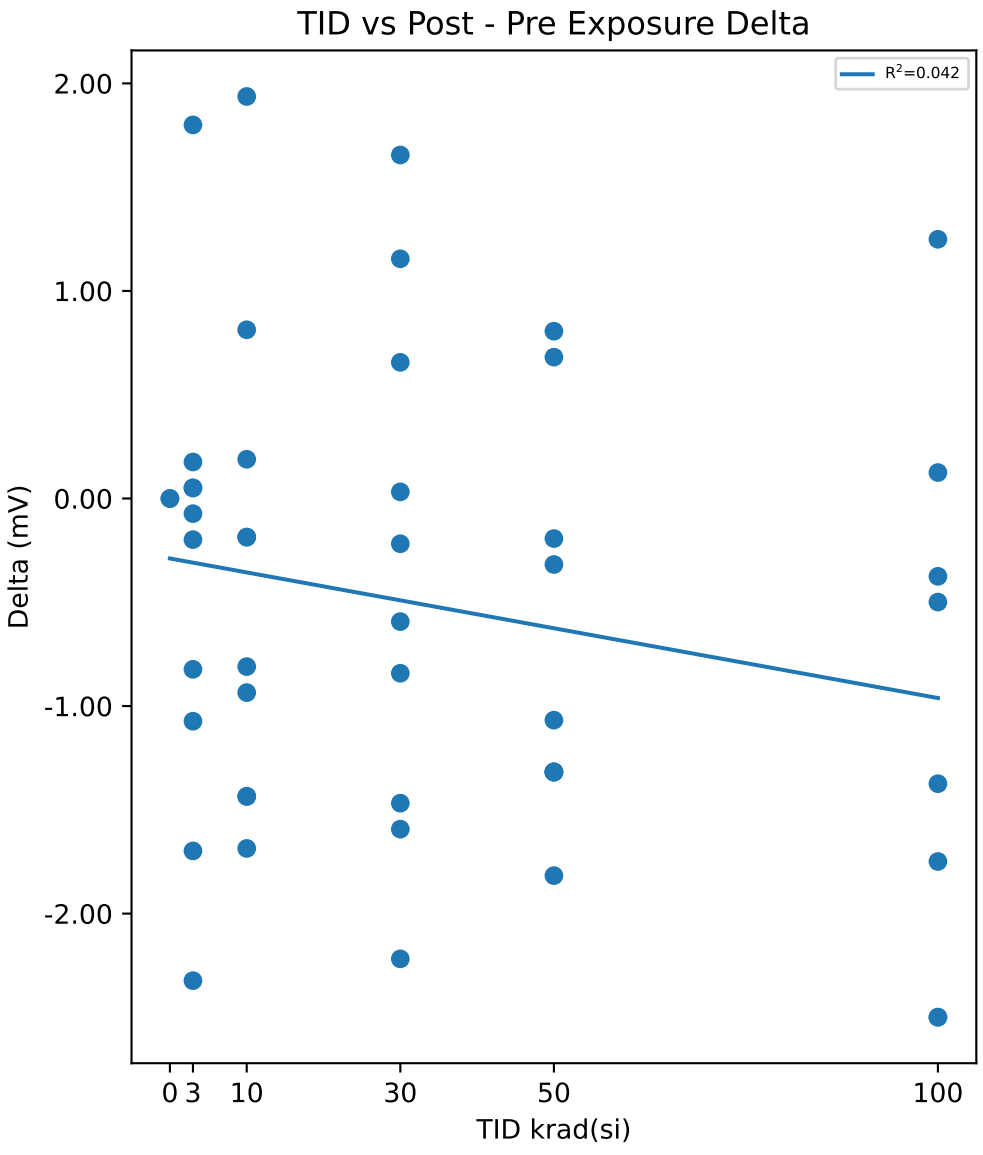
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.43	600.68	600.93	0.35355	600.43	600.68	600.93	0.35355	0	0	0	0
3	599.4	600.61	603.02	1.0436	599.06	600.46	601.18	0.72339	-2.465	-0.1543	1.408	1.1528
10	599.4	600.61	603.02	1.0436	599.55	600.23	601.55	0.63755	-2.47	-0.3843	1.652	1.169
30	599.4	600.61	603.02	1.0436	598.83	600.22	600.96	0.66186	-2.569	-0.3953	1.179	1.2603
50	599.4	600.61	603.02	1.0436	598.84	600.06	600.96	0.64171	-3.689	-0.5533	1.558	1.4656
100	599.65	600.48	601.53	0.75819	598.9	599.92	601.53	0.9119	-2.624	-0.56237	1.624	1.5228

Device Test: 13.30 VTH_SENSE3_FALLING/SENSE3/1.6/14/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

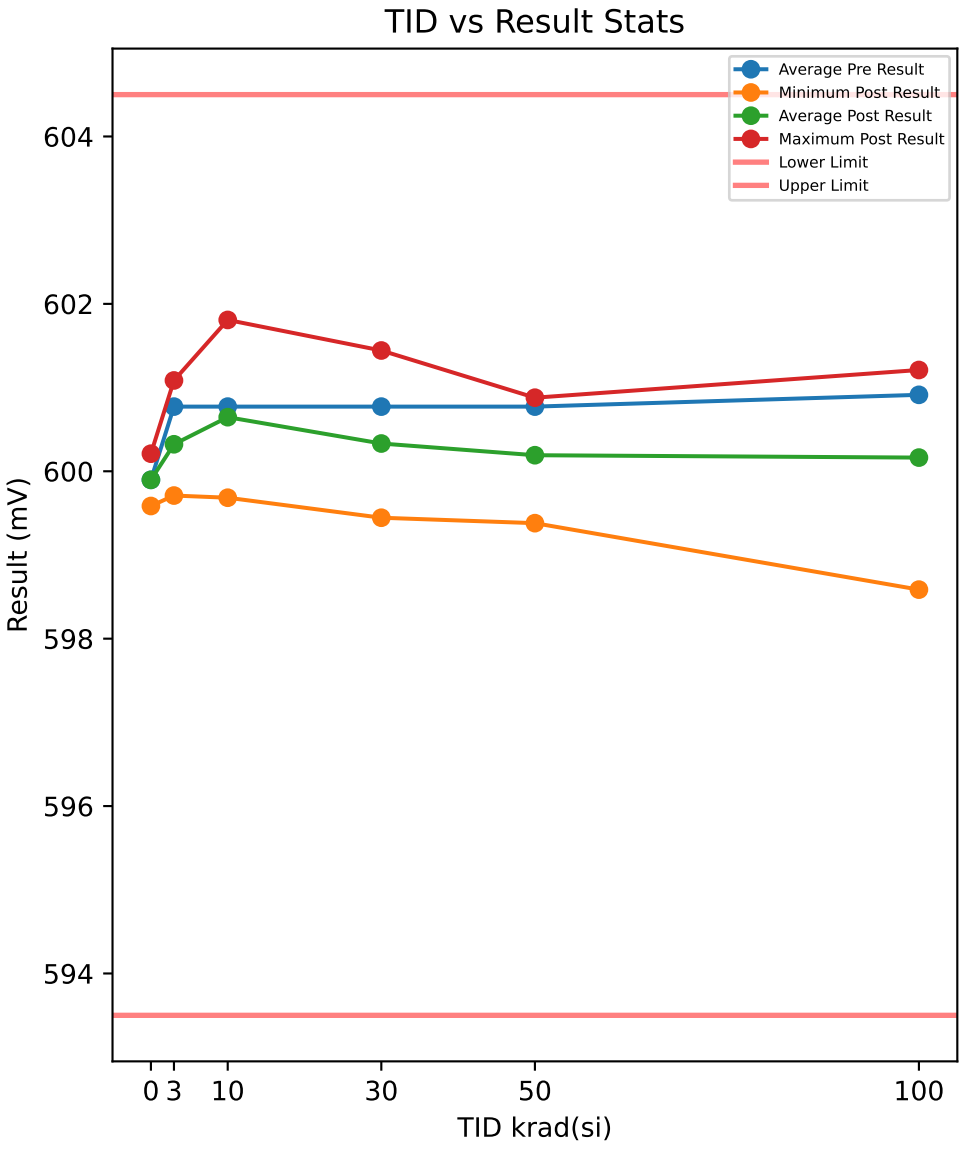
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.99	598.99	0
7	0	Correlation	599.11	599.11	0
16	3	LDR-Biased	600.44	599.61	-0.823
18	3	LDR-Biased	599.56	599.36	-0.198
19	3	LDR-Biased	601.06	598.74	-2.323
20	3	LDR-Biased	599.44	598.36	-1.073
21	3	LDR-Biased	599.19	599.36	0.176
22	3	LDR-Unbiased	598.44	598.49	0.051
23	3	LDR-Unbiased	599.44	599.36	-0.073
25	3	LDR-Unbiased	598.69	600.49	1.8
26	3	LDR-Unbiased	599.06	599.11	0.051
27	3	LDR-Unbiased	600.56	598.86	-1.698
46	10	LDR-Biased	600.44	599	-1.435
48	10	LDR-Biased	599.56	599.38	-0.186
49	10	LDR-Biased	601.06	599.38	-1.686
50	10	LDR-Biased	599.44	598.5	-0.935
51	10	LDR-Biased	599.19	599	-0.186
52	10	LDR-Unbiased	598.44	598.63	0.189
53	10	LDR-Unbiased	599.44	598.63	-0.81
55	10	LDR-Unbiased	598.69	599.5	0.813
56	10	LDR-Unbiased	599.06	601	1.937
57	10	LDR-Unbiased	600.56	599.13	-1.435
76	30	LDR-Biased	600.44	598.84	-1.593
78	30	LDR-Biased	599.56	599.59	0.032
79	30	LDR-Biased	601.06	598.84	-2.218
80	30	LDR-Biased	599.44	598.6	-0.842
81	30	LDR-Biased	599.19	598.6	-0.593
82	30	LDR-Unbiased	598.44	599.09	0.656
83	30	LDR-Unbiased	599.44	599.22	-0.218
84	30	LDR-Unbiased	600.56	599.09	-1.468
85	30	LDR-Unbiased	598.69	600.34	1.655
86	30	LDR-Unbiased	599.06	600.22	1.155
87	100	LDR-Biased	599.56	599.69	0.125
88	100	LDR-Biased	600.56	598.81	-1.749
90	100	LDR-Biased	599.56	599.06	-0.499
91	100	LDR-Unbiased	600.06	599.69	-0.375
93	100	LDR-Unbiased	598.94	600.19	1.249
94	100	LDR-Unbiased	599.81	597.31	-2.499
95	100	LDR-Unbiased	599.44	598.06	-1.374
96	100	LDR-Unbiased	600.69	598.19	-2.499
106	50	LDR-Biased	600.44	599.12	-1.318
108	50	LDR-Biased	599.56	599.37	-0.193
109	50	LDR-Biased	601.06	599.74	-1.318
110	50	LDR-Biased	599.44	598.12	-1.317
111	50	LDR-Biased	599.19	598.12	-1.068
112	50	LDR-Unbiased	598.44	599.12	0.681
113	50	LDR-Unbiased	599.44	597.62	-1.817
115	50	LDR-Unbiased	598.69	599.49	0.806
116	50	LDR-Unbiased	599.06	598.75	-0.318
117	50	LDR-Unbiased	600.56	599.24	-1.318

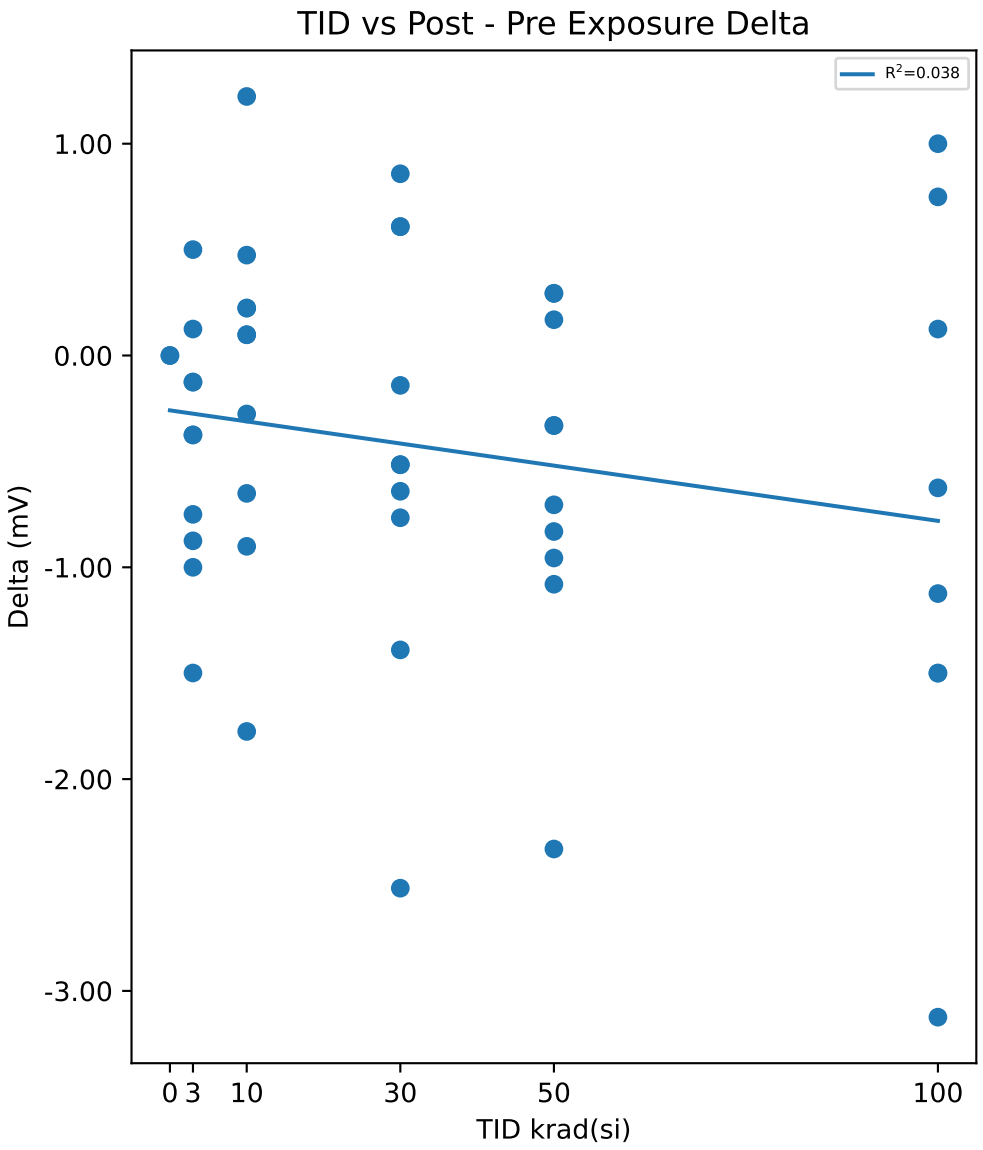


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.99	599.05	599.11	0.088388	598.99	599.05	599.11	0.088388	0	0	0	0
3	598.44	599.59	601.06	0.84699	598.36	599.18	600.49	0.61848	-2.323	-0.411	1.8	1.1421
10	598.44	599.59	601.06	0.84699	598.5	599.21	601	0.71633	-1.686	-0.3734	1.937	1.136
30	598.44	599.59	601.06	0.84699	598.6	599.24	600.34	0.62245	-2.218	-0.3434	1.655	1.2492
50	598.44	599.59	601.06	0.84699	597.62	598.87	599.74	0.69676	-1.817	-0.718	0.806	0.91193
100	598.94	599.83	600.69	0.58775	597.31	598.88	600.19	0.97471	-2.499	-0.95263	1.249	1.317

Device Test: 13.31 VTH_SENSE4_RISING/SENSE4/1.6/14/0/0/0/@VTH_SENSE





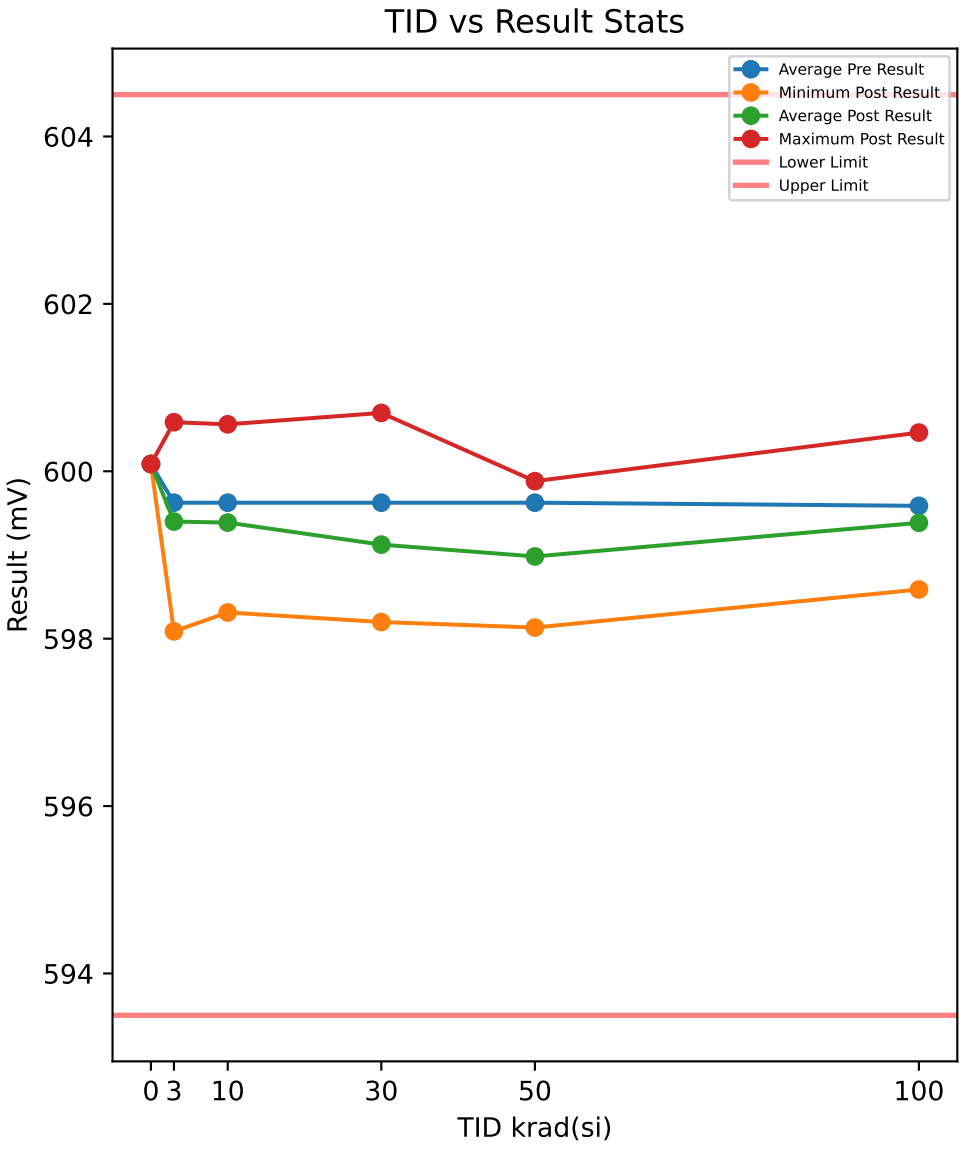
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.21	600.21	0
7	0	Correlation	599.59	599.59	0
16	3	LDR-Biased	600.59	600.71	0.125
18	3	LDR-Biased	601.34	600.59	-0.75
19	3	LDR-Biased	602.58	601.09	-1.499
20	3	LDR-Biased	599.96	599.84	-0.126
21	3	LDR-Biased	600.09	599.96	-0.125
22	3	LDR-Unbiased	600.09	599.71	-0.375
23	3	LDR-Unbiased	600.84	599.84	-1
25	3	LDR-Unbiased	600.59	601.09	0.5
26	3	LDR-Unbiased	601.09	600.71	-0.375
27	3	LDR-Unbiased	600.59	599.71	-0.875
46	10	LDR-Biased	600.59	601.06	0.474
48	10	LDR-Biased	601.34	600.68	-0.651
49	10	LDR-Biased	602.58	600.81	-1.775
50	10	LDR-Biased	599.96	600.06	0.098
51	10	LDR-Biased	600.09	600.31	0.224
52	10	LDR-Unbiased	600.09	600.31	0.224
53	10	LDR-Unbiased	600.84	600.56	-0.276
55	10	LDR-Unbiased	600.59	601.81	1.223
56	10	LDR-Unbiased	601.09	601.18	0.098
57	10	LDR-Unbiased	600.59	599.68	-0.901
76	30	LDR-Biased	600.59	600.44	-0.141
78	30	LDR-Biased	601.34	600.57	-0.766
79	30	LDR-Biased	602.58	600.07	-2.515
80	30	LDR-Biased	599.96	600.57	0.608
81	30	LDR-Biased	600.09	600.69	0.609
82	30	LDR-Unbiased	600.09	599.57	-0.515
83	30	LDR-Unbiased	600.84	599.45	-1.39
84	30	LDR-Unbiased	600.59	600.07	-0.516
85	30	LDR-Unbiased	600.59	601.44	0.858
86	30	LDR-Unbiased	601.09	600.44	-0.641
87	100	LDR-Biased	600.84	600.96	0.125
88	100	LDR-Biased	601.84	600.34	-1.5
90	100	LDR-Biased	600.71	599.59	-1.124
91	100	LDR-Unbiased	600.21	601.21	1
93	100	LDR-Unbiased	601.21	600.59	-0.625
94	100	LDR-Unbiased	601.71	598.59	-3.124
95	100	LDR-Unbiased	599.34	600.09	0.749
96	100	LDR-Unbiased	601.46	599.96	-1.499
106	50	LDR-Biased	600.59	600.88	0.294
108	50	LDR-Biased	601.34	600.5	-0.831
109	50	LDR-Biased	602.58	600.25	-2.33
110	50	LDR-Biased	599.96	600.25	0.293
111	50	LDR-Biased	600.09	599.38	-0.705
112	50	LDR-Unbiased	600.09	599.75	-0.33
113	50	LDR-Unbiased	600.84	599.75	-1.08
115	50	LDR-Unbiased	600.59	600.75	0.169
116	50	LDR-Unbiased	601.09	600.13	-0.956
117	50	LDR-Unbiased	600.59	600.25	-0.331

Test Statistics (mV)

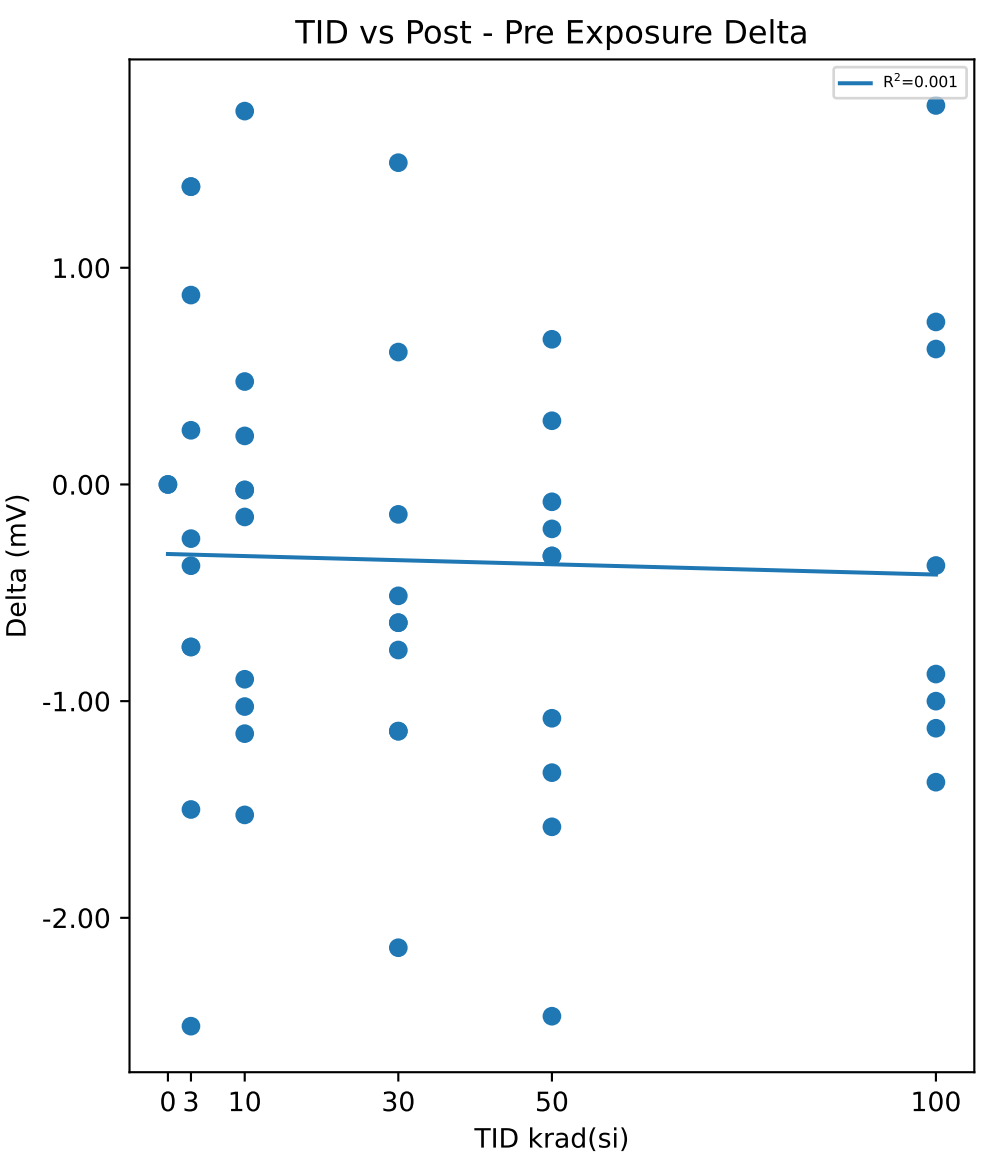
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.59	599.9	600.21	0.44194	599.59	599.9	600.21	0.44194	0	0	0	0
3	599.96	600.77	602.58	0.77523	599.71	600.32	601.09	0.56657	-1.499	-0.45	0.5	0.58959
10	599.96	600.77	602.58	0.77523	599.68	600.65	601.81	0.60936	-1.775	-0.1262	1.223	0.82618
30	599.96	600.77	602.58	0.77523	599.45	600.33	601.44	0.57817	-2.515	-0.4409	0.858	1.0187
50	599.96	600.77	602.58	0.77523	599.38	600.19	600.88	0.46451	-2.33	-0.5807	0.294	0.79889
100	599.34	600.91	601.84	0.83676	598.59	600.16	601.21	0.82858	-3.124	-0.74975	1	1.3622

Device Test: 13.32 VTH_SENSE4_FALLING/SENSE4/1.6/14/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

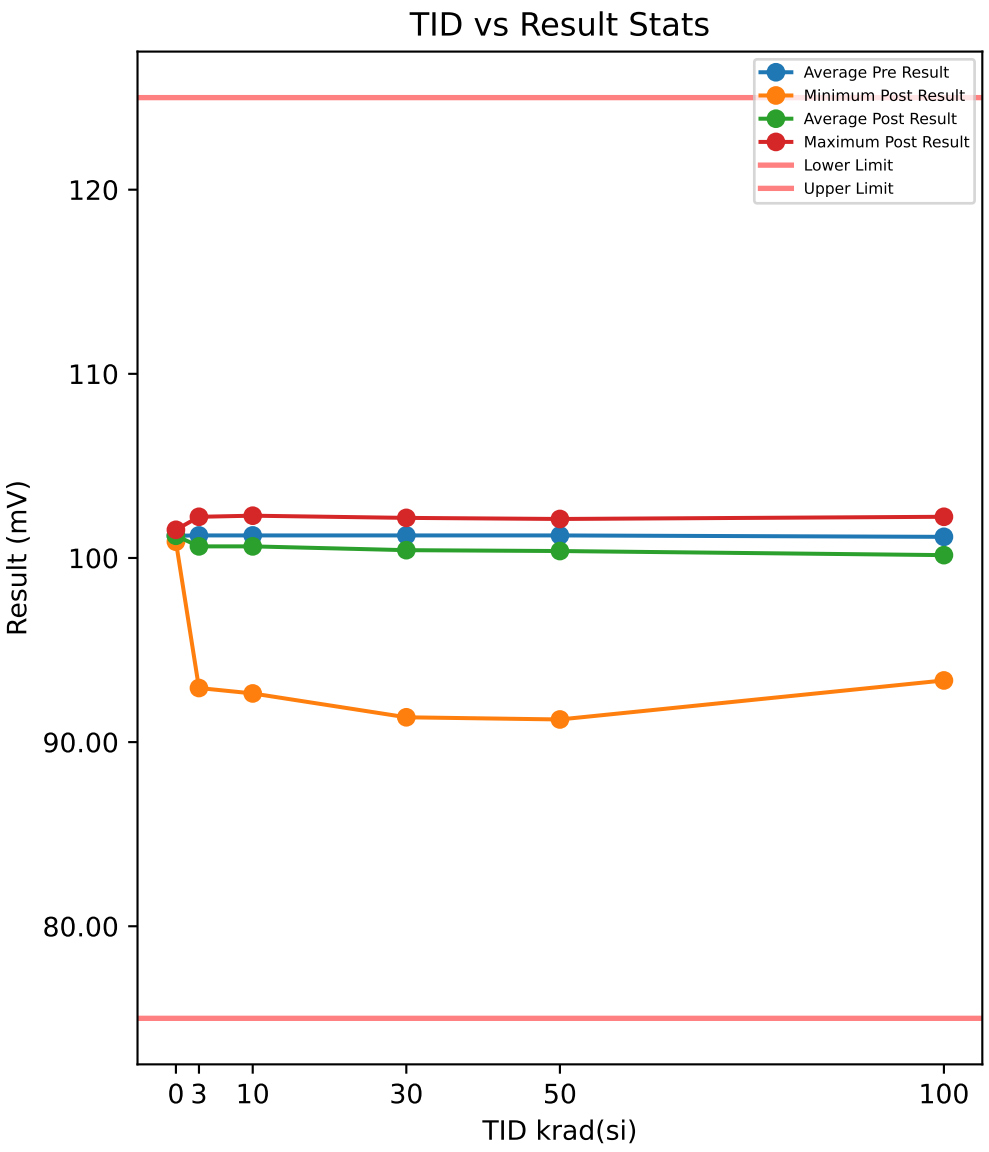
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.09	600.09	0
7	0	Correlation	600.09	600.09	0
16	3	LDR-Biased	599.84	600.09	0.25
18	3	LDR-Biased	598.84	600.21	1.375
19	3	LDR-Biased	600.59	599.84	-0.75
20	3	LDR-Biased	599.21	598.84	-0.375
21	3	LDR-Biased	599.21	598.96	-0.25
22	3	LDR-Unbiased	600.46	599.71	-0.75
23	3	LDR-Unbiased	599.59	598.09	-1.5
25	3	LDR-Unbiased	599.21	600.59	1.374
26	3	LDR-Unbiased	598.71	599.59	0.874
27	3	LDR-Unbiased	600.59	598.09	-2.5
46	10	LDR-Biased	599.84	600.06	0.224
48	10	LDR-Biased	598.84	598.69	-0.15
49	10	LDR-Biased	600.59	600.56	-0.026
50	10	LDR-Biased	599.21	599.19	-0.025
51	10	LDR-Biased	599.21	598.31	-0.899
52	10	LDR-Unbiased	600.46	599.31	-1.15
53	10	LDR-Unbiased	599.59	598.56	-1.025
55	10	LDR-Unbiased	599.21	599.69	0.475
56	10	LDR-Unbiased	598.71	600.44	1.723
57	10	LDR-Unbiased	600.59	599.06	-1.525
76	30	LDR-Biased	599.84	598.7	-1.138
78	30	LDR-Biased	598.84	599.45	0.611
79	30	LDR-Biased	600.59	599.45	-1.139
80	30	LDR-Biased	599.21	599.07	-0.138
81	30	LDR-Biased	599.21	598.57	-0.638
82	30	LDR-Unbiased	600.46	599.7	-0.764
83	30	LDR-Unbiased	599.59	598.95	-0.638
84	30	LDR-Unbiased	600.59	598.45	-2.138
85	30	LDR-Unbiased	599.21	600.7	1.485
86	30	LDR-Unbiased	598.71	598.2	-0.514
87	100	LDR-Biased	599.21	599.84	0.625
88	100	LDR-Biased	600.09	599.09	-1
90	100	LDR-Biased	600.21	599.34	-0.875
91	100	LDR-Unbiased	600.34	599.21	-1.125
93	100	LDR-Unbiased	598.71	600.46	1.749
94	100	LDR-Unbiased	598.96	598.59	-0.374
95	100	LDR-Unbiased	599.09	599.84	0.75
96	100	LDR-Unbiased	600.09	598.71	-1.374
106	50	LDR-Biased	599.84	599.51	-0.33
108	50	LDR-Biased	598.84	598.76	-0.08
109	50	LDR-Biased	600.59	599.26	-1.33
110	50	LDR-Biased	599.21	598.88	-0.33
111	50	LDR-Biased	599.21	599.01	-0.205
112	50	LDR-Unbiased	600.46	598.88	-1.58
113	50	LDR-Unbiased	599.59	598.51	-1.079
115	50	LDR-Unbiased	599.21	599.88	0.67
116	50	LDR-Unbiased	598.71	599.01	0.294
117	50	LDR-Unbiased	600.59	598.13	-2.454

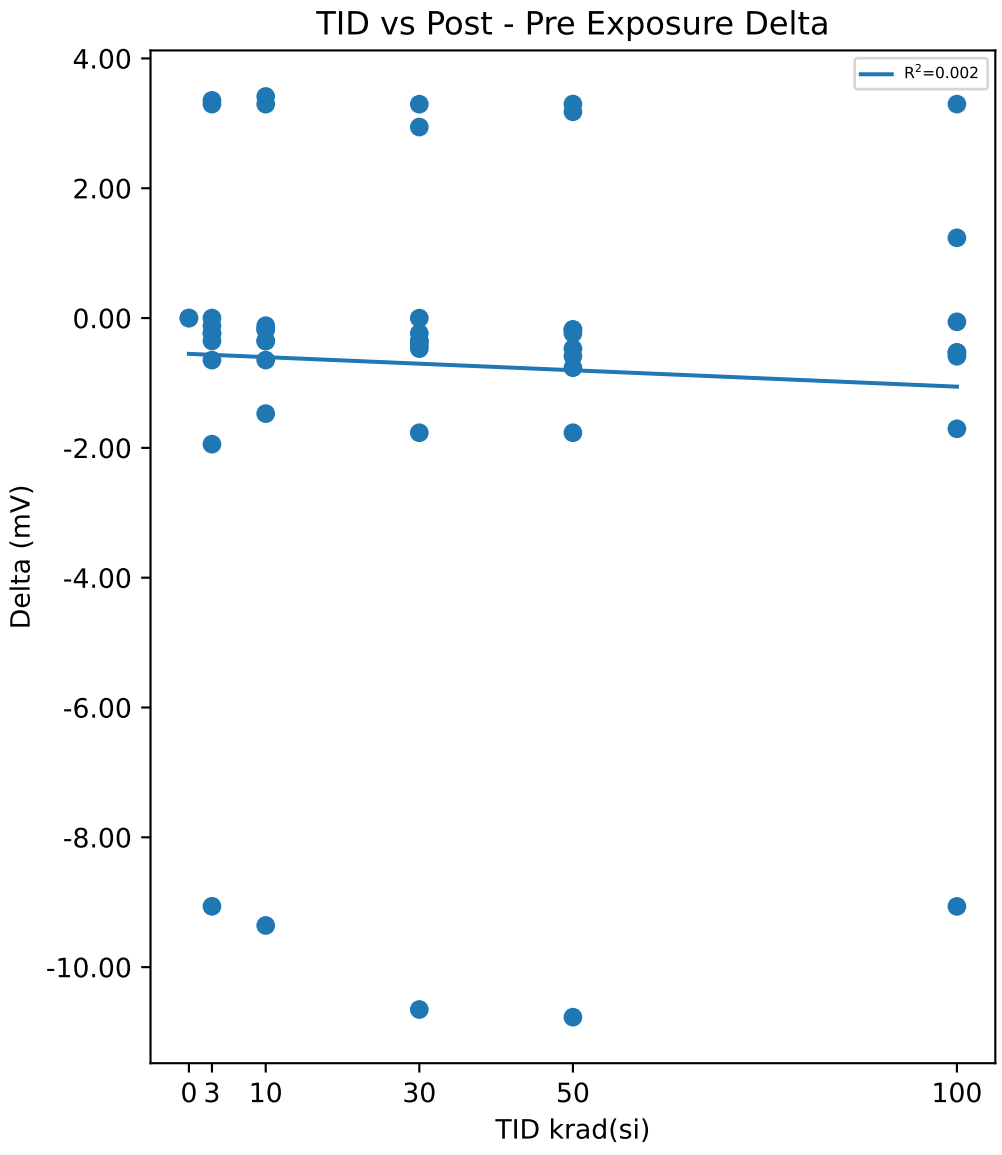


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.09	600.09	600.09	0	600.09	600.09	600.09	0	0	0	0	0
3	598.71	599.62	600.59	0.71198	598.09	599.4	600.59	0.87037	-2.5	-0.2252	1.375	1.2439
10	598.71	599.62	600.59	0.71198	598.31	599.39	600.56	0.78162	-1.525	-0.2378	1.723	0.95509
30	598.71	599.62	600.59	0.71198	598.2	599.12	600.7	0.73343	-2.138	-0.5011	1.485	0.9951
50	598.71	599.62	600.59	0.71198	598.13	598.98	599.88	0.492	-2.454	-0.6424	0.67	0.95023
100	598.71	599.59	600.34	0.65446	598.59	599.38	600.46	0.62978	-1.374	-0.203	1.749	1.1175

Device Test: 13.33 VTH_UP_HYS/UP/1.6/14/0/0/0/@UP_DOWN_VHYS





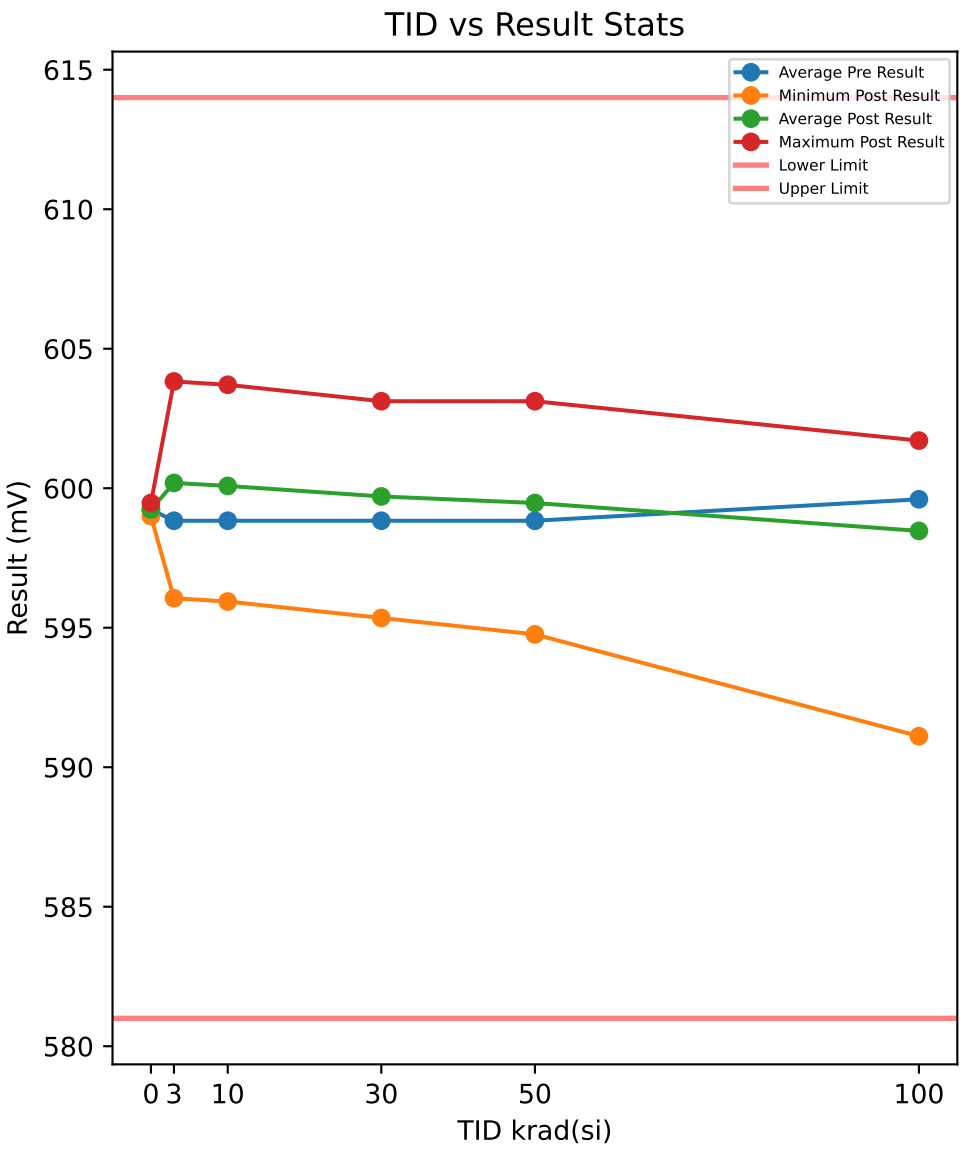
Test Results (Lower Limit = 75.0, Upper Limit = 125.0 (mV))

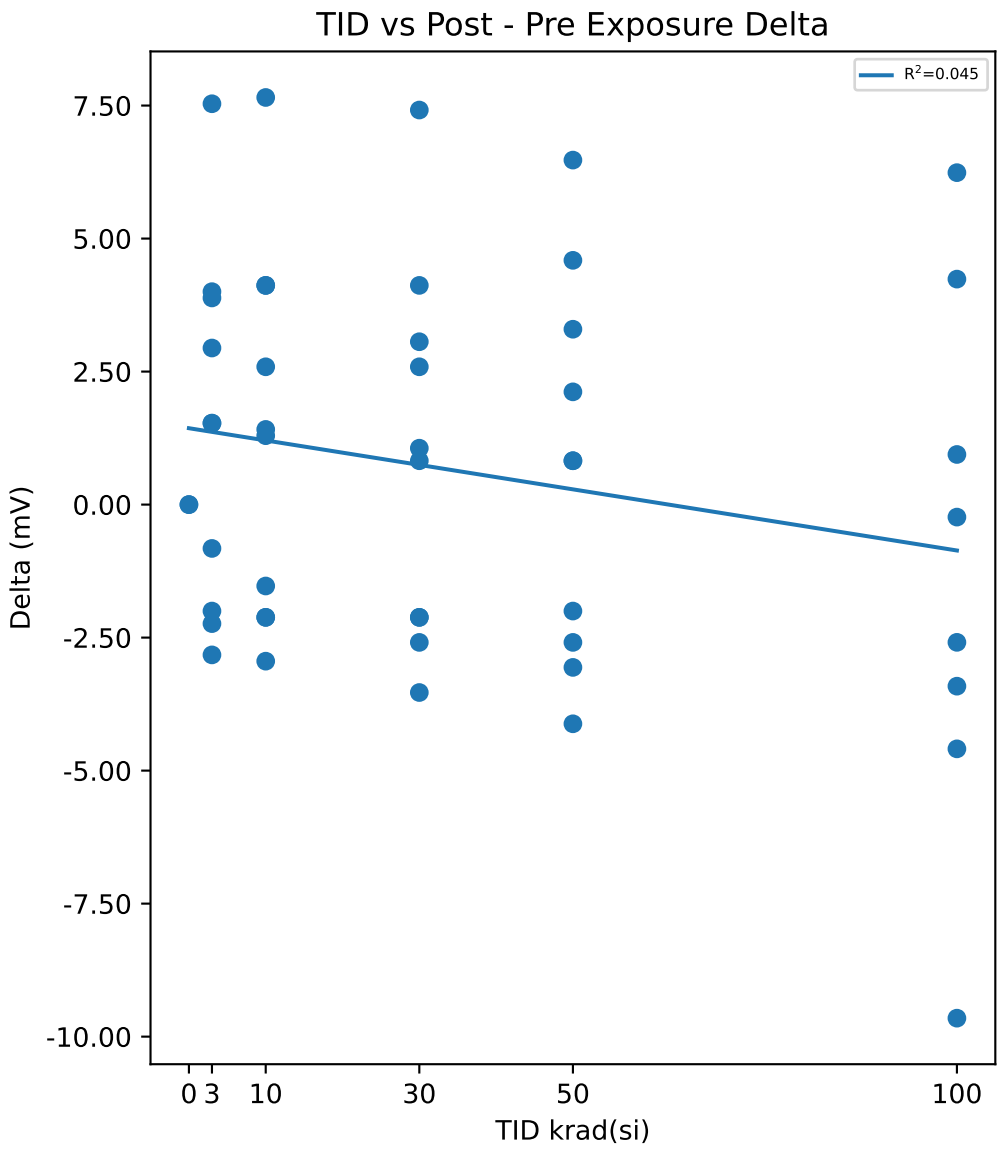
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	101.53	101.53	0
7	0	Correlation	100.88	100.88	0
16	3	LDR-Biased	102.3	101.94	-0.352
18	3	LDR-Biased	102.3	101.65	-0.648
19	3	LDR-Biased	102.18	101.94	-0.236
20	3	LDR-Biased	101.94	100	-1.943
21	3	LDR-Biased	98.705	102	3.296
22	3	LDR-Unbiased	102	101.88	-0.118
23	3	LDR-Unbiased	98.882	102.24	3.354
25	3	LDR-Unbiased	99.823	99.588	-0.235
26	3	LDR-Unbiased	102	92.938	-9.063
27	3	LDR-Unbiased	102.12	102.12	0
46	10	LDR-Biased	102.3	101.94	-0.352
48	10	LDR-Biased	102.3	101.94	-0.353
49	10	LDR-Biased	102.18	102	-0.177
50	10	LDR-Biased	101.94	100.47	-1.472
51	10	LDR-Biased	98.705	102	3.296
52	10	LDR-Unbiased	102	101.83	-0.176
53	10	LDR-Unbiased	98.882	102.3	3.414
55	10	LDR-Unbiased	99.823	99.706	-0.117
56	10	LDR-Unbiased	102	92.643	-9.358
57	10	LDR-Unbiased	102.12	101.47	-0.647
76	30	LDR-Biased	102.3	102.06	-0.235
78	30	LDR-Biased	102.3	101.83	-0.471
79	30	LDR-Biased	102.18	102.18	-0.001
80	30	LDR-Biased	101.94	100.18	-1.767
81	30	LDR-Biased	98.705	101.65	2.943
82	30	LDR-Unbiased	102	101.59	-0.412
83	30	LDR-Unbiased	98.882	102.18	3.295
84	30	LDR-Unbiased	102.12	101.77	-0.353
85	30	LDR-Unbiased	99.823	99.47	-0.353
86	30	LDR-Unbiased	102	91.348	-10.653
87	100	LDR-Biased	97.469	98.705	1.236
88	100	LDR-Biased	102.18	101.59	-0.588
90	100	LDR-Biased	101.94	101.41	-0.53
91	100	LDR-Unbiased	102	100.3	-1.706
93	100	LDR-Unbiased	98.705	102	3.296
94	100	LDR-Unbiased	102.18	101.65	-0.529
95	100	LDR-Unbiased	102.41	93.349	-9.064
96	100	LDR-Unbiased	102.3	102.24	-0.058
106	50	LDR-Biased	102.3	102.12	-0.177
108	50	LDR-Biased	102.3	101.83	-0.471
109	50	LDR-Biased	102.18	101.41	-0.765
110	50	LDR-Biased	101.94	100.18	-1.767
111	50	LDR-Biased	98.705	102	3.297
112	50	LDR-Unbiased	102	101.77	-0.235
113	50	LDR-Unbiased	98.882	102.06	3.178
115	50	LDR-Unbiased	99.823	99.235	-0.588
116	50	LDR-Unbiased	102	91.23	-10.771
117	50	LDR-Unbiased	102.12	101.94	-0.177

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100.88	101.21	101.53	0.4575	100.88	101.21	101.53	0.4575	0	0	0	0
3	98.705	101.22	102.3	1.4729	92.938	100.63	102.24	2.8553	-9.063	-0.5945	3.354	3.4183
10	98.705	101.22	102.3	1.4729	92.643	100.63	102.3	2.921	-9.358	-0.5942	3.414	3.4876
30	98.705	101.22	102.3	1.4729	91.348	100.42	102.18	3.3131	-10.653	-0.8007	3.295	3.8066
50	98.705	101.22	102.3	1.4729	91.23	100.38	102.12	3.351	-10.771	-0.8476	3.297	3.8614
100	97.469	101.15	102.41	1.9234	93.349	100.15	102.24	2.9774	-9.064	-0.99288	3.296	3.5953

Device Test: 13.34 VTH_UP_RISING/UP/7/14/0/0/0/@VTH_UP





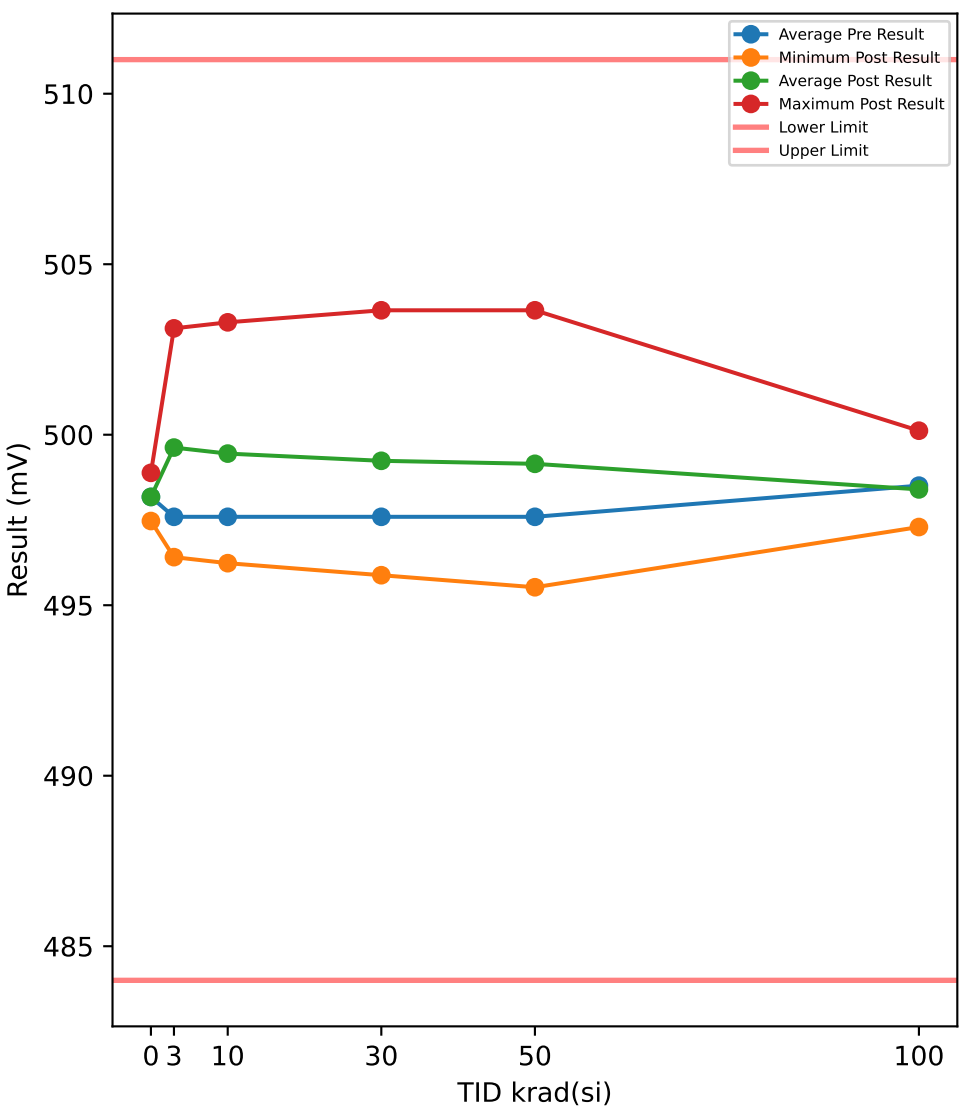
Test Results (Lower Limit = 581.0, Upper Limit = 614.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599	599	0
7	0	Correlation	599.47	599.47	0
16	3	LDR-Biased	602.29	603.83	1.531
18	3	LDR-Biased	603.47	601.24	-2.237
19	3	LDR-Biased	604.06	602.06	-2.001
20	3	LDR-Biased	599.12	600.65	1.53
21	3	LDR-Biased	595.47	598.41	2.943
22	3	LDR-Unbiased	595.35	602.88	7.534
23	3	LDR-Unbiased	595.12	599	3.884
25	3	LDR-Unbiased	595	599	4.002
26	3	LDR-Unbiased	598.88	596.06	-2.825
27	3	LDR-Unbiased	599.59	598.76	-0.824
46	10	LDR-Biased	602.29	603.71	1.413
48	10	LDR-Biased	603.47	601.35	-2.119
49	10	LDR-Biased	604.06	601.94	-2.119
50	10	LDR-Biased	599.12	600.41	1.295
51	10	LDR-Biased	595.47	598.06	2.59
52	10	LDR-Unbiased	595.35	603	7.652
53	10	LDR-Unbiased	595.12	599.24	4.12
55	10	LDR-Unbiased	595	599.12	4.12
56	10	LDR-Unbiased	598.88	595.94	-2.943
57	10	LDR-Unbiased	599.59	598.06	-1.53
76	30	LDR-Biased	602.29	603.12	0.824
78	30	LDR-Biased	603.47	600.88	-2.59
79	30	LDR-Biased	604.06	601.94	-2.119
80	30	LDR-Biased	599.12	600.18	1.06
81	30	LDR-Biased	595.47	598.06	2.59
82	30	LDR-Unbiased	595.35	602.77	7.416
83	30	LDR-Unbiased	595.12	599.24	4.12
84	30	LDR-Unbiased	599.59	597.47	-2.119
85	30	LDR-Unbiased	595	598.06	3.061
86	30	LDR-Unbiased	598.88	595.35	-3.532
87	100	LDR-Biased	597.59	598.53	0.942
88	100	LDR-Biased	602.29	598.88	-3.413
90	100	LDR-Biased	603.47	598.88	-4.591
91	100	LDR-Unbiased	595.35	599.59	4.238
93	100	LDR-Unbiased	595.47	601.71	6.239
94	100	LDR-Unbiased	602.29	599.71	-2.589
95	100	LDR-Unbiased	600.76	591.11	-9.653
96	100	LDR-Unbiased	599.59	599.35	-0.235
106	50	LDR-Biased	602.29	603.12	0.824
108	50	LDR-Biased	603.47	600.88	-2.59
109	50	LDR-Biased	604.06	601	-3.06
110	50	LDR-Biased	599.12	599.94	0.824
111	50	LDR-Biased	595.47	597.59	2.119
112	50	LDR-Unbiased	595.35	601.83	6.475
113	50	LDR-Unbiased	595.12	599.71	4.591
115	50	LDR-Unbiased	595	598.29	3.296
116	50	LDR-Unbiased	598.88	594.76	-4.12
117	50	LDR-Unbiased	599.59	597.59	-2.001

Test Statistics (mV)

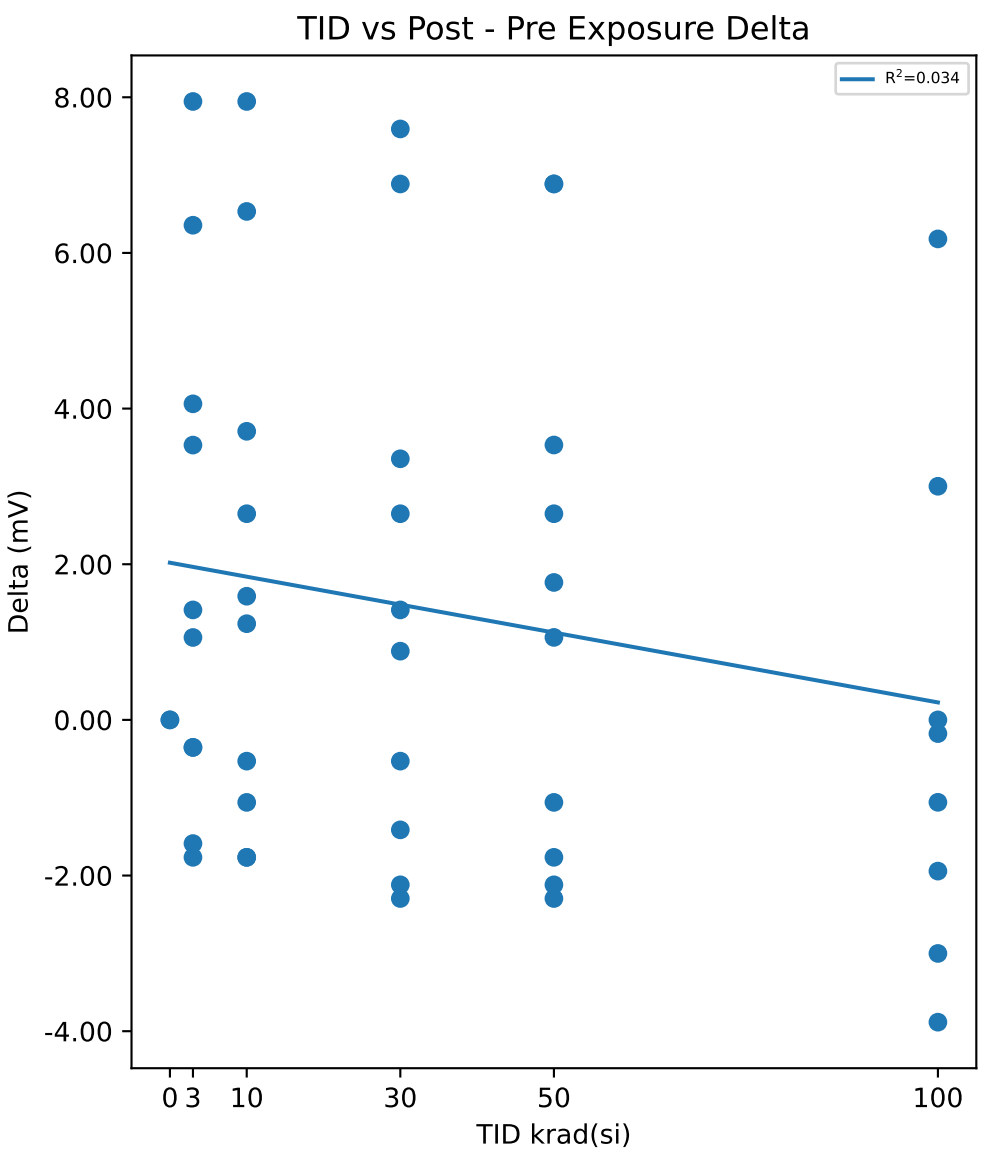
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599	599.23	599.47	0.33305	599	599.23	599.47	0.33305	0	0	0	0
3	595	598.83	604.06	3.5511	596.06	600.19	603.83	2.3663	-2.825	1.3537	7.534	3.3425
10	595	598.83	604.06	3.5511	595.94	600.08	603.71	2.4465	-2.943	1.2479	7.652	3.4528
30	595	598.83	604.06	3.5511	595.35	599.71	603.12	2.5222	-3.532	0.8711	7.416	3.5028
50	595	598.83	604.06	3.5511	594.76	599.47	603.12	2.4522	-4.12	0.6358	6.475	3.539
100	595.35	599.6	603.47	3.1639	591.11	598.47	601.71	3.1286	-9.653	-1.1328	6.239	5.0734

Device Test: 13.35 VTH_DOWNb_FALLING/DOWNb/7/14/0/0/0/@VTH_DOWN



Test Results (Lower Limit = 484.0, Upper Limit = 511.0 (mV))

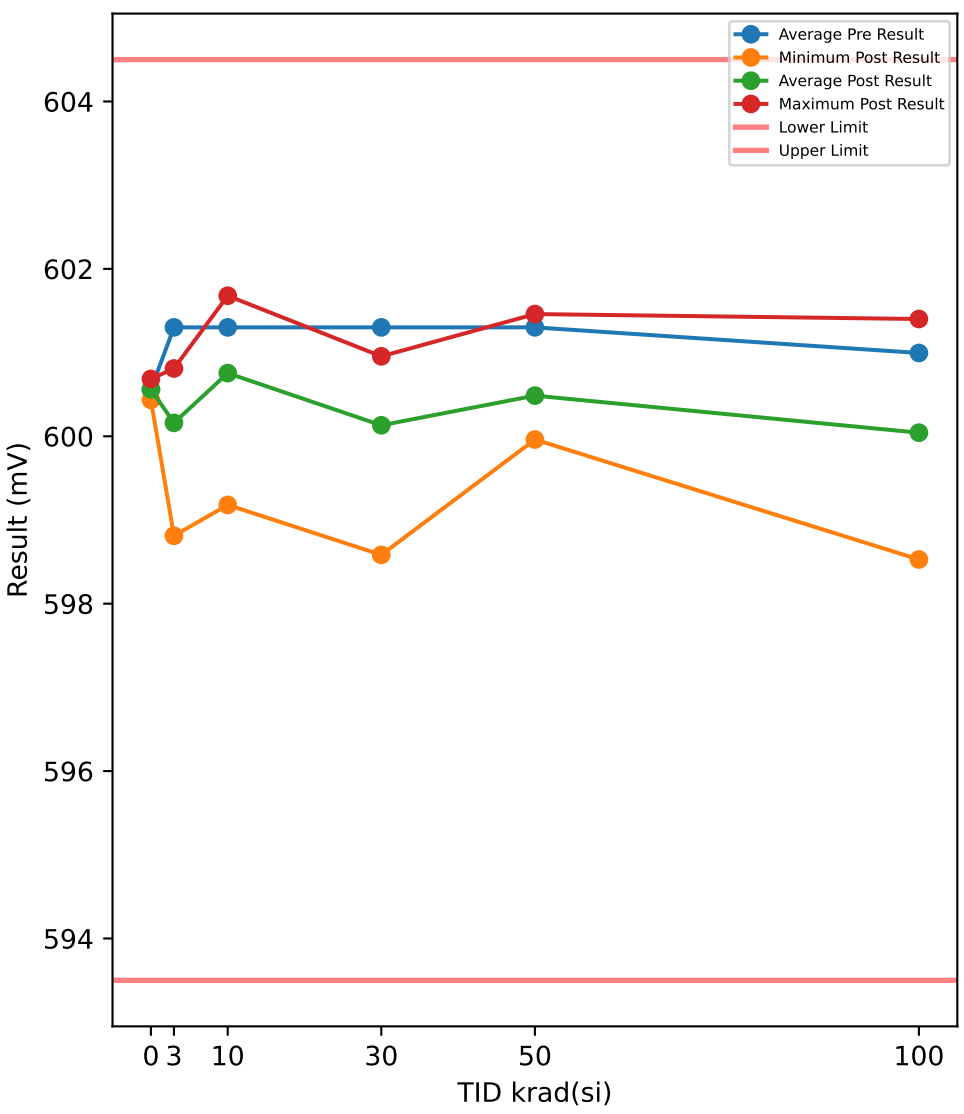
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	497.47	497.47	0
7	0	Correlation	498.88	498.88	0
16	3	LDR-Biased	500.29	501.71	1.413
18	3	LDR-Biased	501.18	499.59	-1.589
19	3	LDR-Biased	502.06	500.29	-1.766
20	3	LDR-Biased	497.12	500.65	3.531
21	3	LDR-Biased	496.76	496.41	-0.353
22	3	LDR-Unbiased	493.23	501.18	7.946
23	3	LDR-Unbiased	495.88	496.94	1.059
25	3	LDR-Unbiased	495.35	499.41	4.061
26	3	LDR-Unbiased	496.76	503.12	6.356
27	3	LDR-Unbiased	497.29	496.94	-0.354
46	10	LDR-Biased	500.29	501.88	1.589
48	10	LDR-Biased	501.18	499.41	-1.766
49	10	LDR-Biased	502.06	500.29	-1.766
50	10	LDR-Biased	497.12	499.76	2.649
51	10	LDR-Biased	496.76	496.23	-0.53
52	10	LDR-Unbiased	493.23	501.18	7.946
53	10	LDR-Unbiased	495.88	497.12	1.236
55	10	LDR-Unbiased	495.35	499.06	3.708
56	10	LDR-Unbiased	496.76	503.3	6.533
57	10	LDR-Unbiased	497.29	496.23	-1.06
76	30	LDR-Biased	500.29	501.18	0.883
78	30	LDR-Biased	501.18	499.06	-2.119
79	30	LDR-Biased	502.06	499.76	-2.295
80	30	LDR-Biased	497.12	499.76	2.649
81	30	LDR-Biased	496.76	496.23	-0.53
82	30	LDR-Unbiased	493.23	500.82	7.593
83	30	LDR-Unbiased	495.88	497.29	1.413
84	30	LDR-Unbiased	497.29	495.88	-1.413
85	30	LDR-Unbiased	495.35	498.7	3.355
86	30	LDR-Unbiased	496.76	503.65	6.886
87	100	LDR-Biased	500.29	500.12	-0.176
88	100	LDR-Biased	500.29	497.29	-3.001
90	100	LDR-Biased	501.18	497.29	-3.884
91	100	LDR-Unbiased	493.41	499.59	6.18
93	100	LDR-Unbiased	496.76	499.76	3.002
94	100	LDR-Unbiased	500.12	498.18	-1.943
95	100	LDR-Unbiased	498.7	497.65	-1.059
96	100	LDR-Unbiased	497.29	497.29	0
106	50	LDR-Biased	500.29	501.35	1.06
108	50	LDR-Biased	501.18	499.06	-2.119
109	50	LDR-Biased	502.06	499.76	-2.295
110	50	LDR-Biased	497.12	499.76	2.649
111	50	LDR-Biased	496.76	495.7	-1.06
112	50	LDR-Unbiased	493.23	500.12	6.887
113	50	LDR-Unbiased	495.88	497.65	1.766
115	50	LDR-Unbiased	495.35	498.88	3.532
116	50	LDR-Unbiased	496.76	503.65	6.886
117	50	LDR-Unbiased	497.29	495.53	-1.766

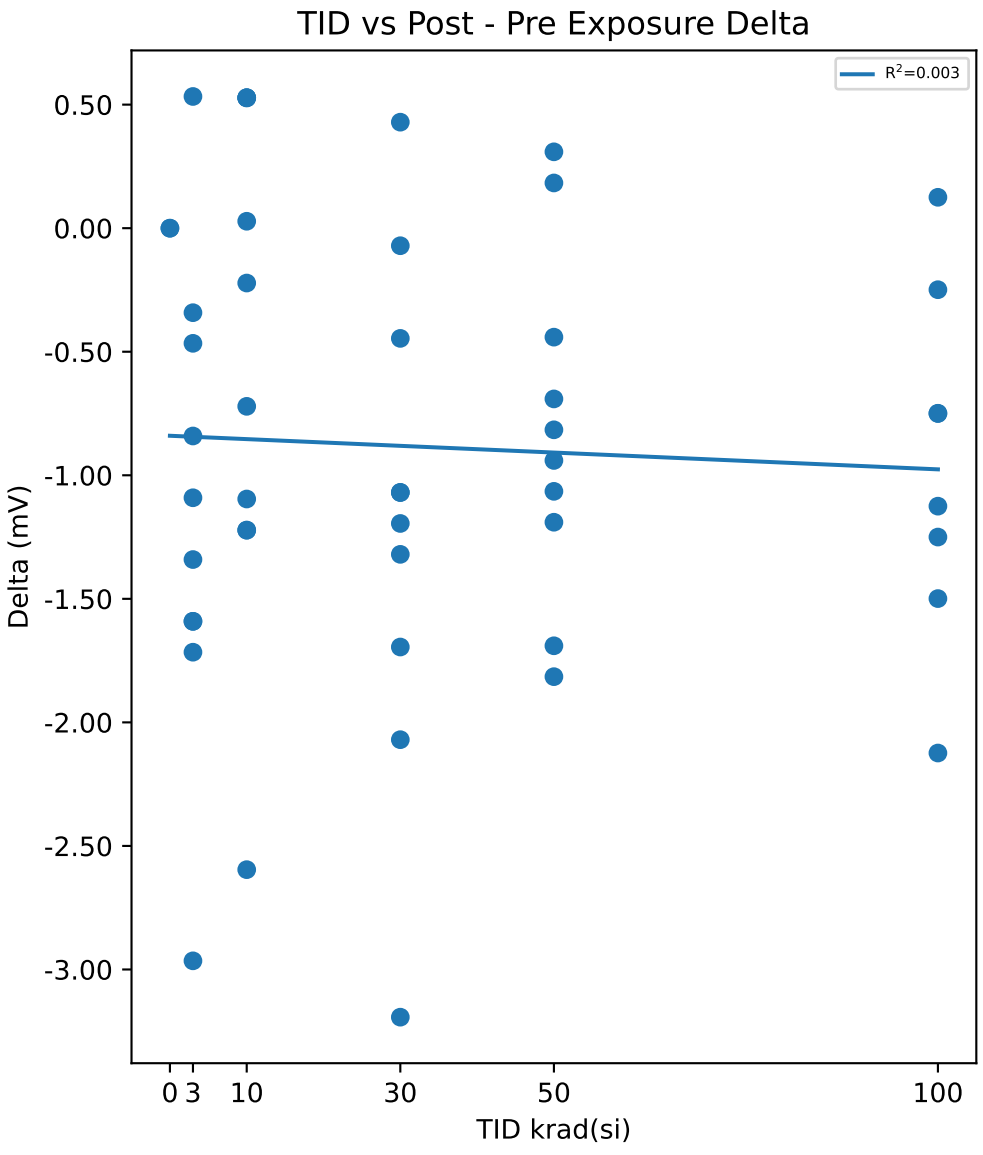


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	497.47	498.18	498.88	0.99914	497.47	498.18	498.88	0.99914	0	0	0	0
3	493.23	497.59	502.06	2.7645	496.41	499.62	503.12	2.2424	-1.766	2.0304	7.946	3.3381
10	493.23	497.59	502.06	2.7645	496.23	499.45	503.3	2.3759	-1.766	1.8539	7.946	3.3979
30	493.23	497.59	502.06	2.7645	495.88	499.23	503.65	2.3733	-2.295	1.6422	7.593	3.5148
50	493.23	497.59	502.06	2.7645	495.53	499.15	503.65	2.4527	-2.295	1.554	6.887	3.471
100	493.41	498.51	501.18	2.582	497.29	498.4	500.12	1.226	-3.884	-0.11012	6.18	3.2978

Device Test: 13.36 VTH_SENSE1_RISING/SENSE1/7/14/0/0/0/@VTH_SENSE





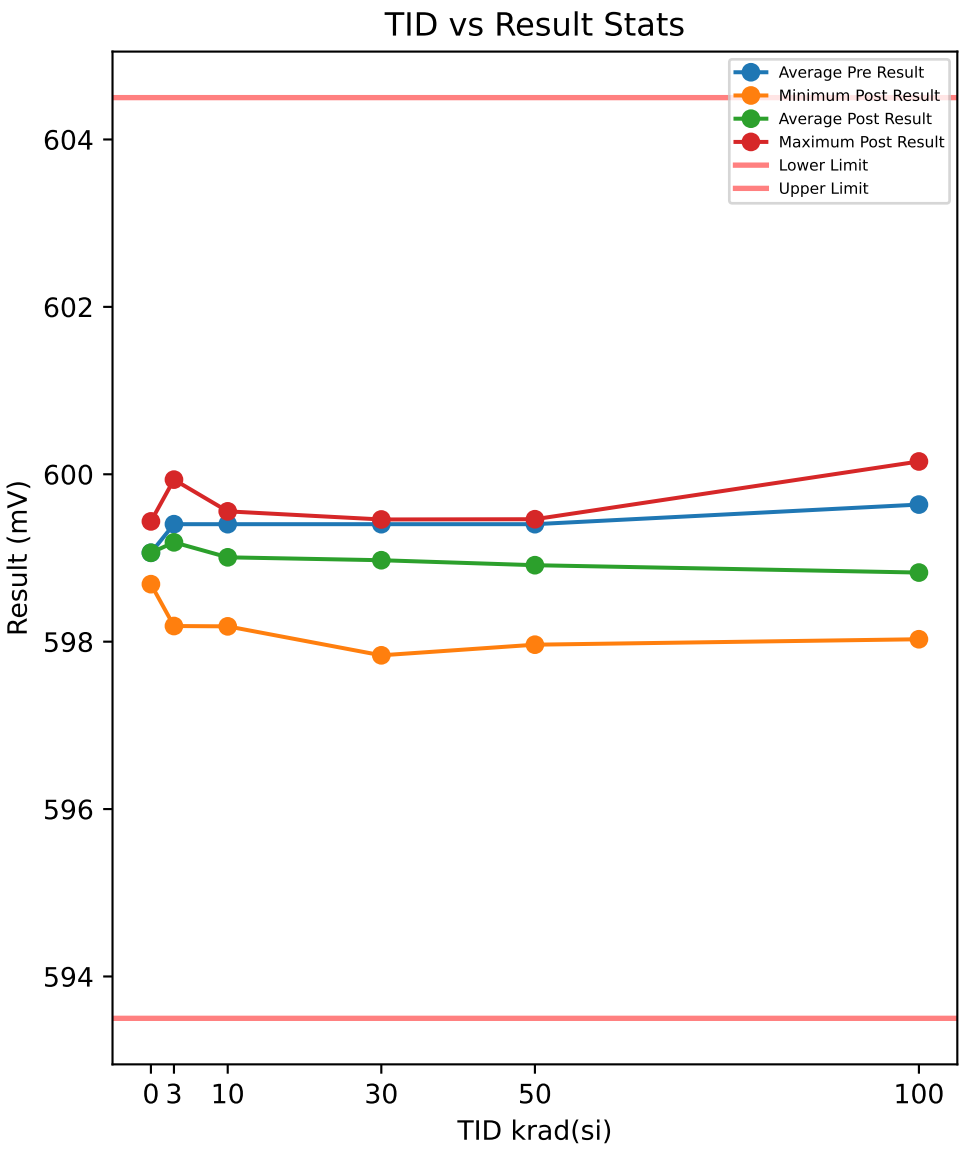
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

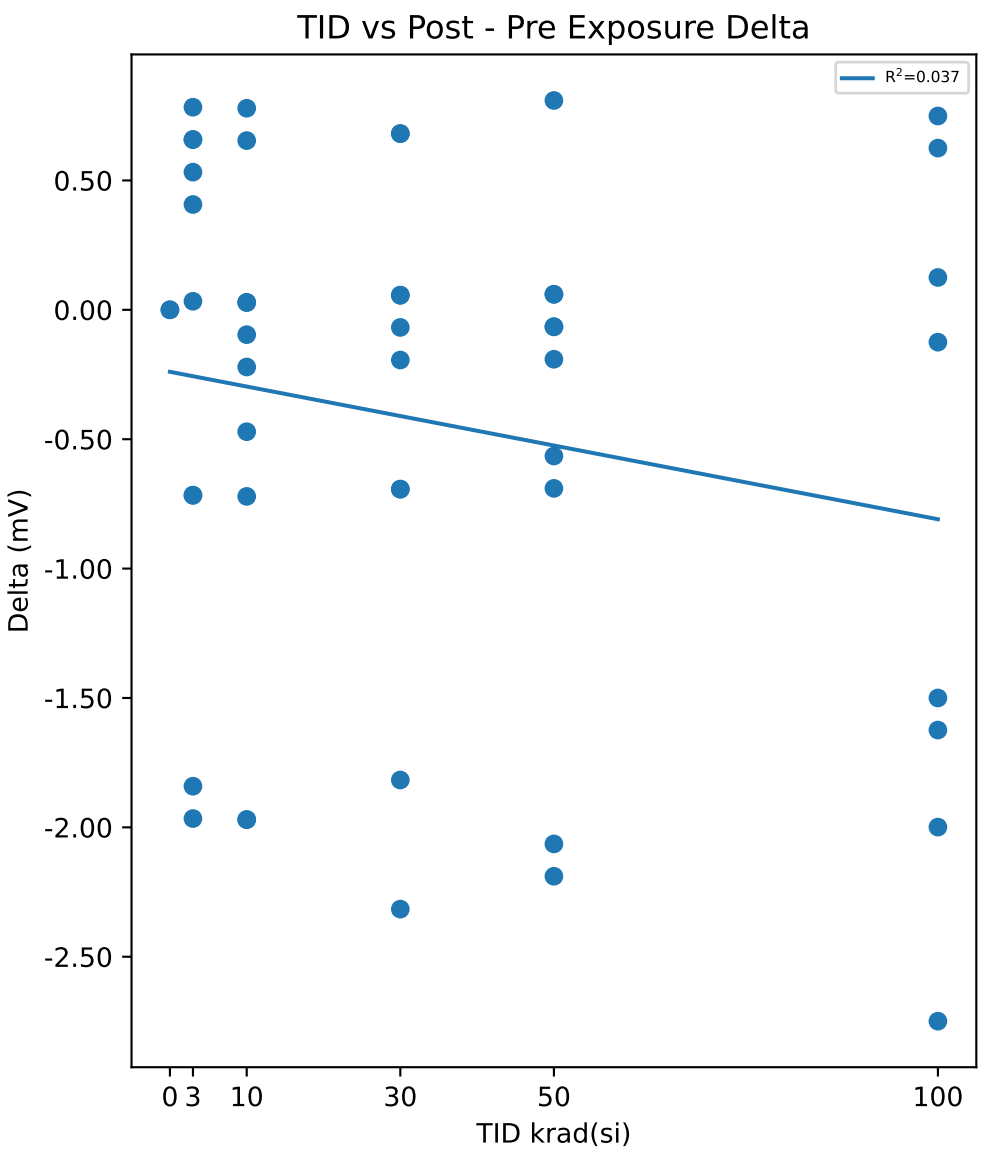
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.43	600.43	0
7	0	Correlation	600.68	600.68	0
16	3	LDR-Biased	601.78	598.81	-2.965
18	3	LDR-Biased	599.78	600.31	0.533
19	3	LDR-Biased	602.28	600.68	-1.591
20	3	LDR-Biased	601.03	599.31	-1.716
21	3	LDR-Biased	601.28	600.81	-0.466
22	3	LDR-Unbiased	600.53	600.18	-0.342
23	3	LDR-Unbiased	601.03	599.43	-1.591
25	3	LDR-Unbiased	601.9	600.56	-1.341
26	3	LDR-Unbiased	601.9	600.81	-1.091
27	3	LDR-Unbiased	601.53	600.68	-0.841
46	10	LDR-Biased	601.78	599.18	-2.596
48	10	LDR-Biased	599.78	600.3	0.528
49	10	LDR-Biased	602.28	601.05	-1.222
50	10	LDR-Biased	601.03	600.3	-0.721
51	10	LDR-Biased	601.28	601.3	0.028
52	10	LDR-Unbiased	600.53	601.05	0.527
53	10	LDR-Unbiased	601.03	601.55	0.528
55	10	LDR-Unbiased	601.9	600.68	-1.222
56	10	LDR-Unbiased	601.9	601.68	-0.222
57	10	LDR-Unbiased	601.53	600.43	-1.096
76	30	LDR-Biased	601.78	598.58	-3.193
78	30	LDR-Biased	599.78	600.21	0.429
79	30	LDR-Biased	602.28	600.21	-2.07
80	30	LDR-Biased	601.03	599.96	-1.069
81	30	LDR-Biased	601.28	600.21	-1.07
82	30	LDR-Unbiased	600.53	600.08	-0.446
83	30	LDR-Unbiased	601.03	600.96	-0.071
84	30	LDR-Unbiased	601.53	600.33	-1.195
85	30	LDR-Unbiased	601.9	600.58	-1.32
86	30	LDR-Unbiased	601.9	600.21	-1.695
87	100	LDR-Biased	601.15	600.4	-0.749
88	100	LDR-Biased	601.65	600.15	-1.499
90	100	LDR-Biased	600.78	600.03	-0.75
91	100	LDR-Unbiased	601.03	600.78	-0.249
93	100	LDR-Unbiased	601.28	601.4	0.125
94	100	LDR-Unbiased	600.65	598.53	-2.124
95	100	LDR-Unbiased	600.65	599.53	-1.125
96	100	LDR-Unbiased	600.78	599.53	-1.25
106	50	LDR-Biased	601.78	599.96	-1.815
108	50	LDR-Biased	599.78	600.09	0.309
109	50	LDR-Biased	602.28	601.46	-0.816
110	50	LDR-Biased	601.03	599.96	-1.065
111	50	LDR-Biased	601.28	600.34	-0.94
112	50	LDR-Unbiased	600.53	600.71	0.183
113	50	LDR-Unbiased	601.03	600.59	-0.441
115	50	LDR-Unbiased	601.9	601.21	-0.691
116	50	LDR-Unbiased	601.9	600.21	-1.69
117	50	LDR-Unbiased	601.53	600.34	-1.19

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.43	600.56	600.68	0.17678	600.43	600.56	600.68	0.17678	0	0	0	0
3	599.78	601.3	602.28	0.74688	598.81	600.16	600.81	0.71859	-2.965	-1.1411	0.533	0.94818
10	599.78	601.3	602.28	0.74688	599.18	600.75	601.68	0.74307	-2.596	-0.5468	0.528	1.0188
30	599.78	601.3	602.28	0.74688	598.58	600.13	600.96	0.6122	-3.193	-1.17	0.429	1.028
50	599.78	601.3	602.28	0.74688	599.96	600.49	601.46	0.51259	-1.815	-0.8156	0.309	0.69913
100	600.65	601	601.65	0.35151	598.53	600.04	601.4	0.87437	-2.124	-0.95262	0.125	0.7099

Device Test: 13.37 VTH_SENSE1_FALLING/SENSE1/7/14/0/0/0/@VTH_SENSE





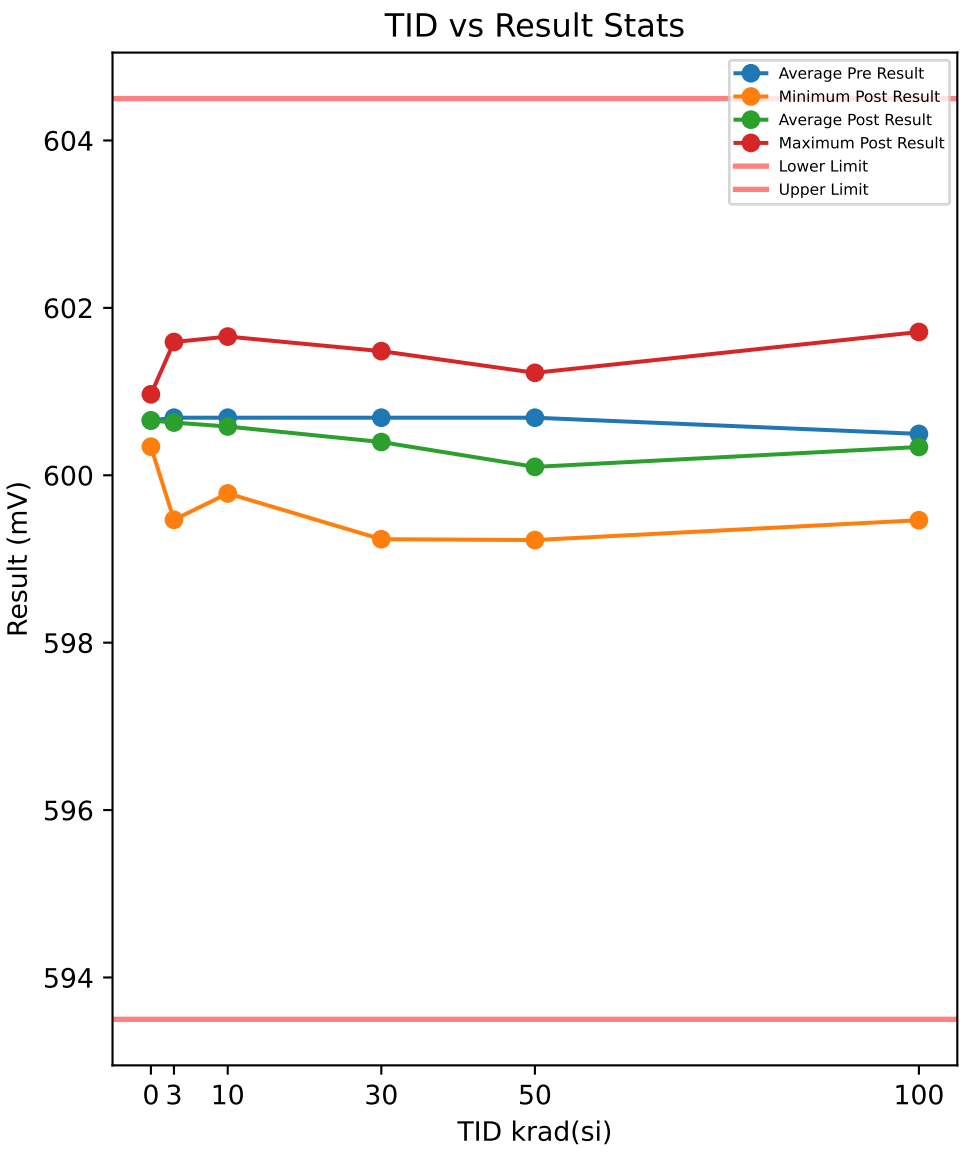
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.69	598.69	0
7	0	Correlation	599.44	599.44	0
16	3	LDR-Biased	600.15	598.19	-1.966
18	3	LDR-Biased	599.4	598.69	-0.717
19	3	LDR-Biased	600.03	599.31	-0.716
20	3	LDR-Biased	598.78	598.81	0.033
21	3	LDR-Biased	598.65	599.44	0.783
22	3	LDR-Unbiased	598.78	599.44	0.658
23	3	LDR-Unbiased	598.65	599.31	0.658
25	3	LDR-Unbiased	599.53	599.94	0.407
26	3	LDR-Unbiased	599.4	599.94	0.532
27	3	LDR-Unbiased	600.65	598.81	-1.841
46	10	LDR-Biased	600.15	598.18	-1.97
48	10	LDR-Biased	599.4	598.68	-0.721
49	10	LDR-Biased	600.03	599.56	-0.471
50	10	LDR-Biased	598.78	598.81	0.029
51	10	LDR-Biased	598.65	599.43	0.779
52	10	LDR-Unbiased	598.78	598.56	-0.221
53	10	LDR-Unbiased	598.65	599.31	0.654
55	10	LDR-Unbiased	599.53	599.56	0.028
56	10	LDR-Unbiased	599.4	599.31	-0.096
57	10	LDR-Unbiased	600.65	598.68	-1.97
76	30	LDR-Biased	600.15	597.84	-2.316
78	30	LDR-Biased	599.4	598.71	-0.693
79	30	LDR-Biased	600.03	599.34	-0.693
80	30	LDR-Biased	598.78	598.84	0.057
81	30	LDR-Biased	598.65	599.34	0.681
82	30	LDR-Unbiased	598.78	598.71	-0.068
83	30	LDR-Unbiased	598.65	599.34	0.681
84	30	LDR-Unbiased	600.65	598.84	-1.817
85	30	LDR-Unbiased	599.53	599.34	-0.194
86	30	LDR-Unbiased	599.4	599.46	0.056
87	100	LDR-Biased	599.4	599.53	0.125
88	100	LDR-Biased	600.28	598.65	-1.624
90	100	LDR-Biased	598.9	598.78	-0.125
91	100	LDR-Unbiased	598.65	599.28	0.625
93	100	LDR-Unbiased	599.4	600.15	0.749
94	100	LDR-Unbiased	600.15	598.15	-1.999
95	100	LDR-Unbiased	599.53	598.03	-1.5
96	100	LDR-Unbiased	600.78	598.03	-2.749
106	50	LDR-Biased	600.15	597.96	-2.189
108	50	LDR-Biased	599.4	598.84	-0.565
109	50	LDR-Biased	600.03	599.34	-0.69
110	50	LDR-Biased	598.78	598.84	0.06
111	50	LDR-Biased	598.65	598.71	0.06
112	50	LDR-Unbiased	598.78	598.71	-0.065
113	50	LDR-Unbiased	598.65	599.46	0.809
115	50	LDR-Unbiased	599.53	599.34	-0.191
116	50	LDR-Unbiased	599.4	599.34	-0.066
117	50	LDR-Unbiased	600.65	598.59	-2.064

Test Statistics (mV)

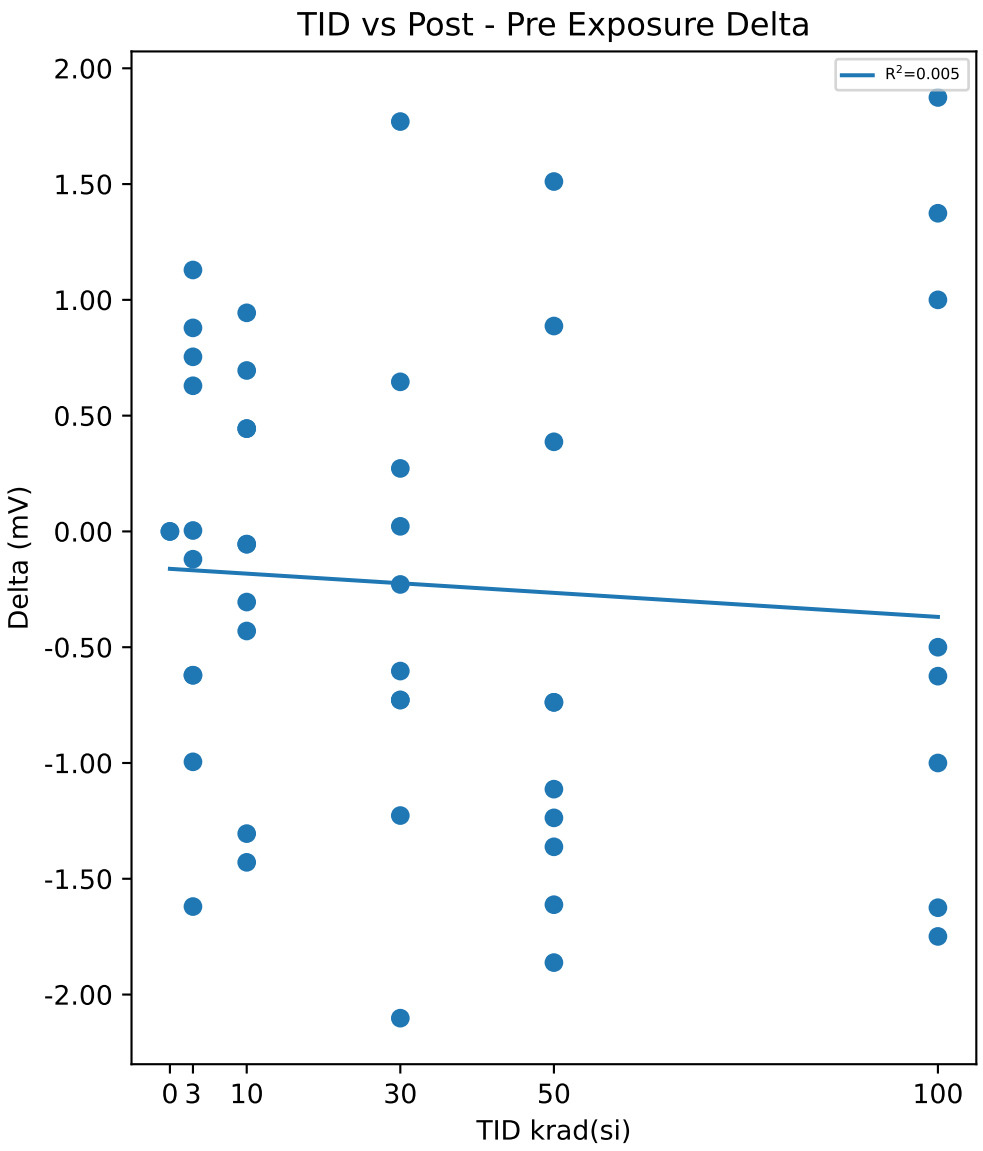
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.69	599.06	599.44	0.53033	598.69	599.06	599.44	0.53033	0	0	0	0
3	598.65	599.4	600.65	0.70176	598.19	599.19	599.94	0.55872	-1.966	-0.2169	0.783	1.0403
10	598.65	599.4	600.65	0.70176	598.18	599.01	599.56	0.48279	-1.97	-0.3959	0.779	0.9446
30	598.65	599.4	600.65	0.70176	597.84	598.97	599.46	0.4974	-2.316	-0.4306	0.681	0.98589
50	598.65	599.4	600.65	0.70176	597.96	598.91	599.46	0.46429	-2.189	-0.4901	0.809	0.95172
100	598.65	599.64	600.78	0.71742	598.03	598.83	600.15	0.7759	-2.749	-0.81225	0.749	1.3172

Device Test: 13.38 VTH_SENSE2_RISING/SENSE2/7/14/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

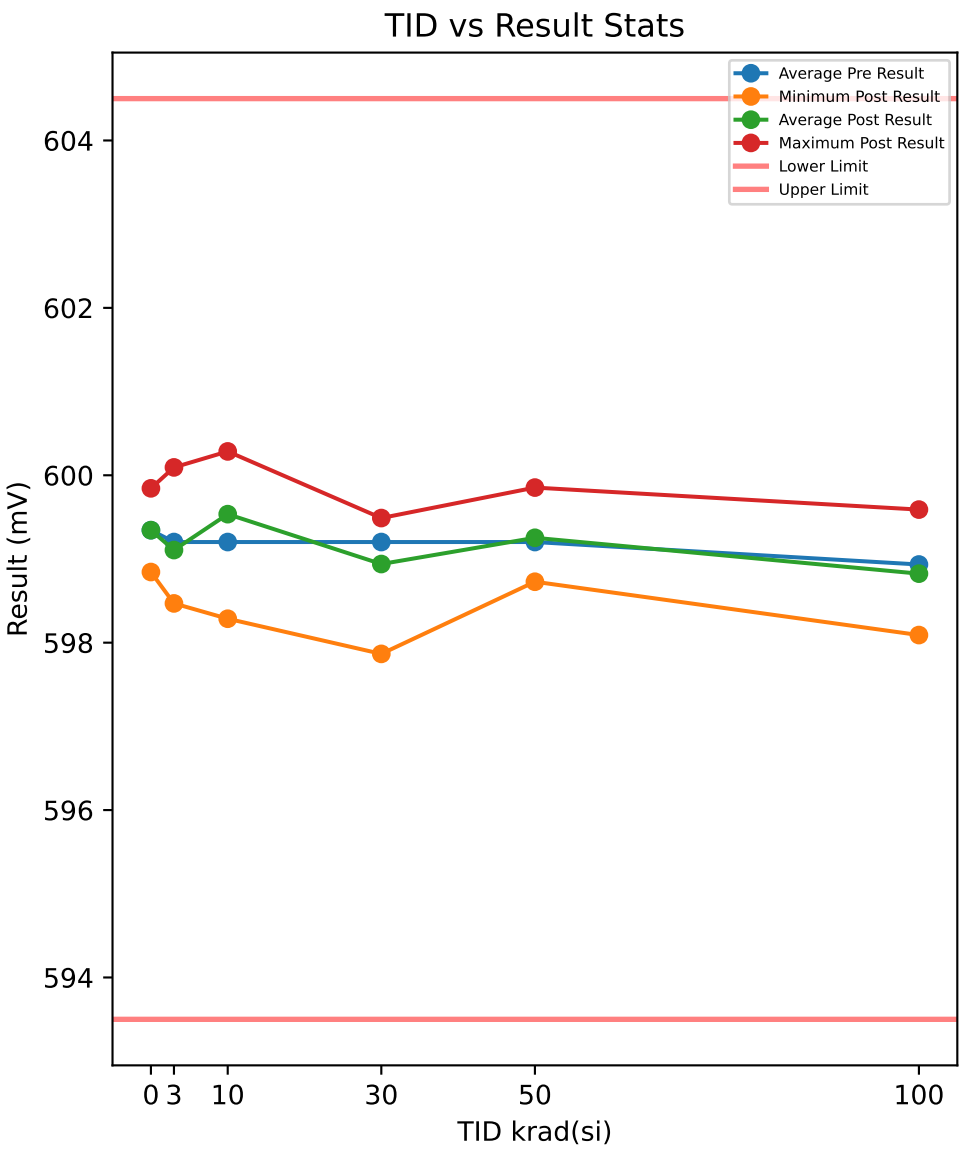
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.34	600.34	0
7	0	Correlation	600.97	600.97	0
16	3	LDR-Biased	601.21	600.59	-0.621
18	3	LDR-Biased	601.09	599.47	-1.62
19	3	LDR-Biased	601.71	601.59	-0.12
20	3	LDR-Biased	600.59	599.97	-0.621
21	3	LDR-Biased	599.46	600.34	0.879
22	3	LDR-Unbiased	600.46	600.47	0.004
23	3	LDR-Unbiased	599.71	600.84	1.129
25	3	LDR-Unbiased	600.34	600.97	0.629
26	3	LDR-Unbiased	600.59	601.34	0.754
27	3	LDR-Unbiased	601.71	600.72	-0.995
46	10	LDR-Biased	601.21	601.66	0.444
48	10	LDR-Biased	601.09	599.78	-1.305
49	10	LDR-Biased	601.71	600.28	-1.429
50	10	LDR-Biased	600.59	600.53	-0.055
51	10	LDR-Biased	599.46	600.16	0.695
52	10	LDR-Unbiased	600.46	600.91	0.444
53	10	LDR-Unbiased	599.71	600.66	0.944
55	10	LDR-Unbiased	600.34	600.28	-0.055
56	10	LDR-Unbiased	600.59	600.28	-0.305
57	10	LDR-Unbiased	601.71	601.28	-0.43
76	30	LDR-Biased	601.21	600.98	-0.229
78	30	LDR-Biased	601.09	600.36	-0.728
79	30	LDR-Biased	601.71	599.61	-2.102
80	30	LDR-Biased	600.59	601.23	0.646
81	30	LDR-Biased	599.46	599.74	0.272
82	30	LDR-Unbiased	600.46	599.24	-1.227
83	30	LDR-Unbiased	599.71	601.48	1.77
84	30	LDR-Unbiased	601.71	600.98	-0.728
85	30	LDR-Unbiased	600.34	600.36	0.022
86	30	LDR-Unbiased	600.59	599.99	-0.603
87	100	LDR-Biased	600.84	600.34	-0.5
88	100	LDR-Biased	601.09	599.46	-1.625
90	100	LDR-Biased	599.59	600.59	1
91	100	LDR-Unbiased	600.34	601.71	1.374
93	100	LDR-Unbiased	599.21	601.09	1.874
94	100	LDR-Unbiased	600.59	599.59	-1
95	100	LDR-Unbiased	601.59	599.84	-1.749
96	100	LDR-Unbiased	600.71	600.09	-0.625
106	50	LDR-Biased	601.21	600.1	-1.113
108	50	LDR-Biased	601.09	599.48	-1.612
109	50	LDR-Biased	601.71	600.35	-1.362
110	50	LDR-Biased	600.59	599.85	-0.738
111	50	LDR-Biased	599.46	600.35	0.887
112	50	LDR-Unbiased	600.46	599.23	-1.237
113	50	LDR-Unbiased	599.71	601.22	1.511
115	50	LDR-Unbiased	600.34	600.73	0.387
116	50	LDR-Unbiased	600.59	599.85	-0.738
117	50	LDR-Unbiased	601.71	599.85	-1.862



Test Statistics (mV)

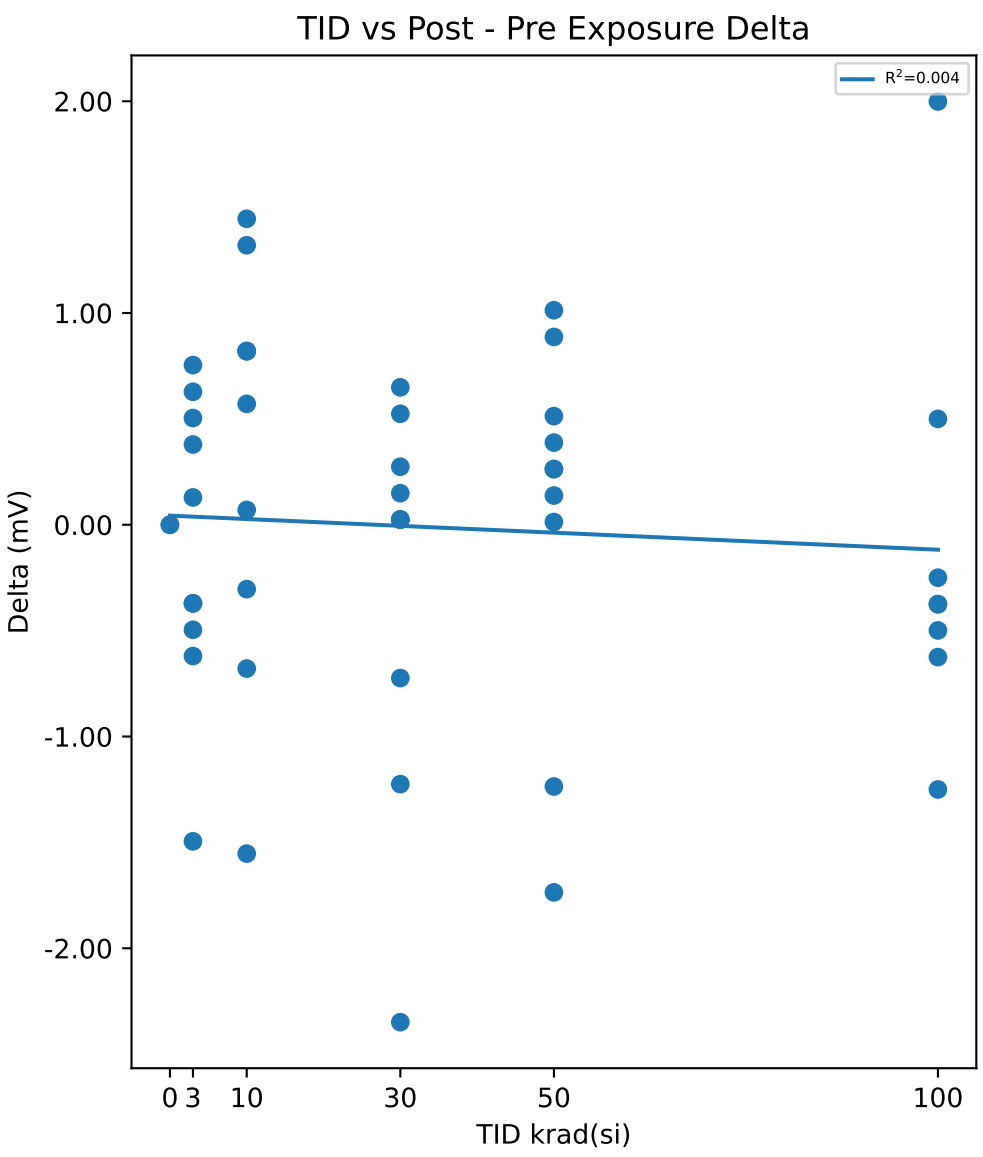
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.34	600.65	600.97	0.44194	600.34	600.65	600.97	0.44194	0	0	0	0
3	599.46	600.69	601.71	0.75845	599.47	600.63	601.59	0.62354	-1.62	-0.0582	1.129	0.9054
10	599.46	600.69	601.71	0.75845	599.78	600.58	601.66	0.5623	-1.429	-0.1052	0.944	0.7949
30	599.46	600.69	601.71	0.75845	599.24	600.4	601.48	0.75624	-2.102	-0.2907	1.77	1.0635
50	599.46	600.69	601.71	0.75845	599.23	600.1	601.22	0.58876	-1.862	-0.5877	1.511	1.1326
100	599.21	600.49	601.59	0.77517	599.46	600.34	601.71	0.7703	-1.749	-0.15638	1.874	1.391

Device Test: 13.39 VTH_SENSE2_FALLING/SENSE2/7/14/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

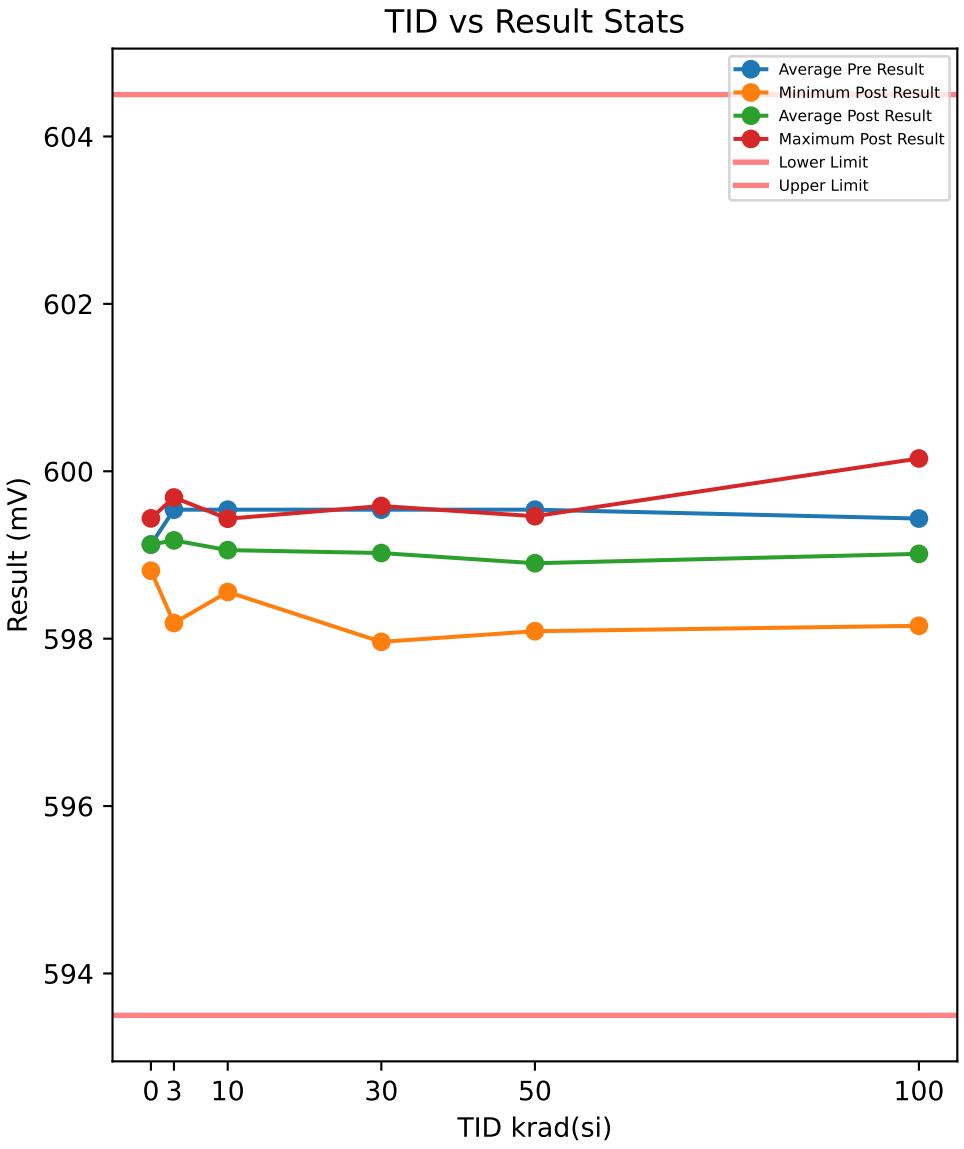
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.84	598.84	0
7	0	Correlation	599.84	599.84	0
16	3	LDR-Biased	599.09	599.84	0.754
18	3	LDR-Biased	598.22	598.84	0.628
19	3	LDR-Biased	600.71	600.09	-0.62
20	3	LDR-Biased	598.84	598.97	0.129
21	3	LDR-Biased	598.59	599.09	0.504
22	3	LDR-Unbiased	598.84	598.47	-0.371
23	3	LDR-Unbiased	598.84	598.47	-0.371
25	3	LDR-Unbiased	598.97	599.34	0.379
26	3	LDR-Unbiased	599.22	598.72	-0.496
27	3	LDR-Unbiased	600.71	599.22	-1.495
46	10	LDR-Biased	599.09	599.91	0.82
48	10	LDR-Biased	598.22	598.29	0.07
49	10	LDR-Biased	600.71	600.03	-0.679
50	10	LDR-Biased	598.84	598.54	-0.304
51	10	LDR-Biased	598.59	599.16	0.571
52	10	LDR-Unbiased	598.84	600.28	1.445
53	10	LDR-Unbiased	598.84	599.66	0.82
55	10	LDR-Unbiased	598.97	600.28	1.32
56	10	LDR-Unbiased	599.22	600.03	0.82
57	10	LDR-Unbiased	600.71	599.16	-1.553
76	30	LDR-Biased	599.09	599.24	0.149
78	30	LDR-Biased	598.22	598.49	0.274
79	30	LDR-Biased	600.71	599.49	-1.225
80	30	LDR-Biased	598.84	598.87	0.025
81	30	LDR-Biased	598.59	597.87	-0.724
82	30	LDR-Unbiased	598.84	598.87	0.025
83	30	LDR-Unbiased	598.84	599.49	0.649
84	30	LDR-Unbiased	600.71	598.37	-2.349
85	30	LDR-Unbiased	598.97	599.49	0.524
86	30	LDR-Unbiased	599.22	599.24	0.024
87	100	LDR-Biased	598.97	598.59	-0.375
88	100	LDR-Biased	599.22	598.59	-0.625
90	100	LDR-Biased	598.34	598.09	-0.25
91	100	LDR-Unbiased	598.97	599.47	0.5
93	100	LDR-Unbiased	597.59	599.59	1.999
94	100	LDR-Unbiased	599.47	599.09	-0.375
95	100	LDR-Unbiased	598.84	598.34	-0.499
96	100	LDR-Unbiased	600.09	598.84	-1.25
106	50	LDR-Biased	599.09	599.1	0.013
108	50	LDR-Biased	598.22	599.1	0.887
109	50	LDR-Biased	600.71	598.98	-1.736
110	50	LDR-Biased	598.84	599.85	1.013
111	50	LDR-Biased	598.59	598.73	0.138
112	50	LDR-Unbiased	598.84	599.23	0.388
113	50	LDR-Unbiased	598.84	599.1	0.263
115	50	LDR-Unbiased	598.97	599.48	0.513
116	50	LDR-Unbiased	599.22	599.48	0.263
117	50	LDR-Unbiased	600.71	599.48	-1.236

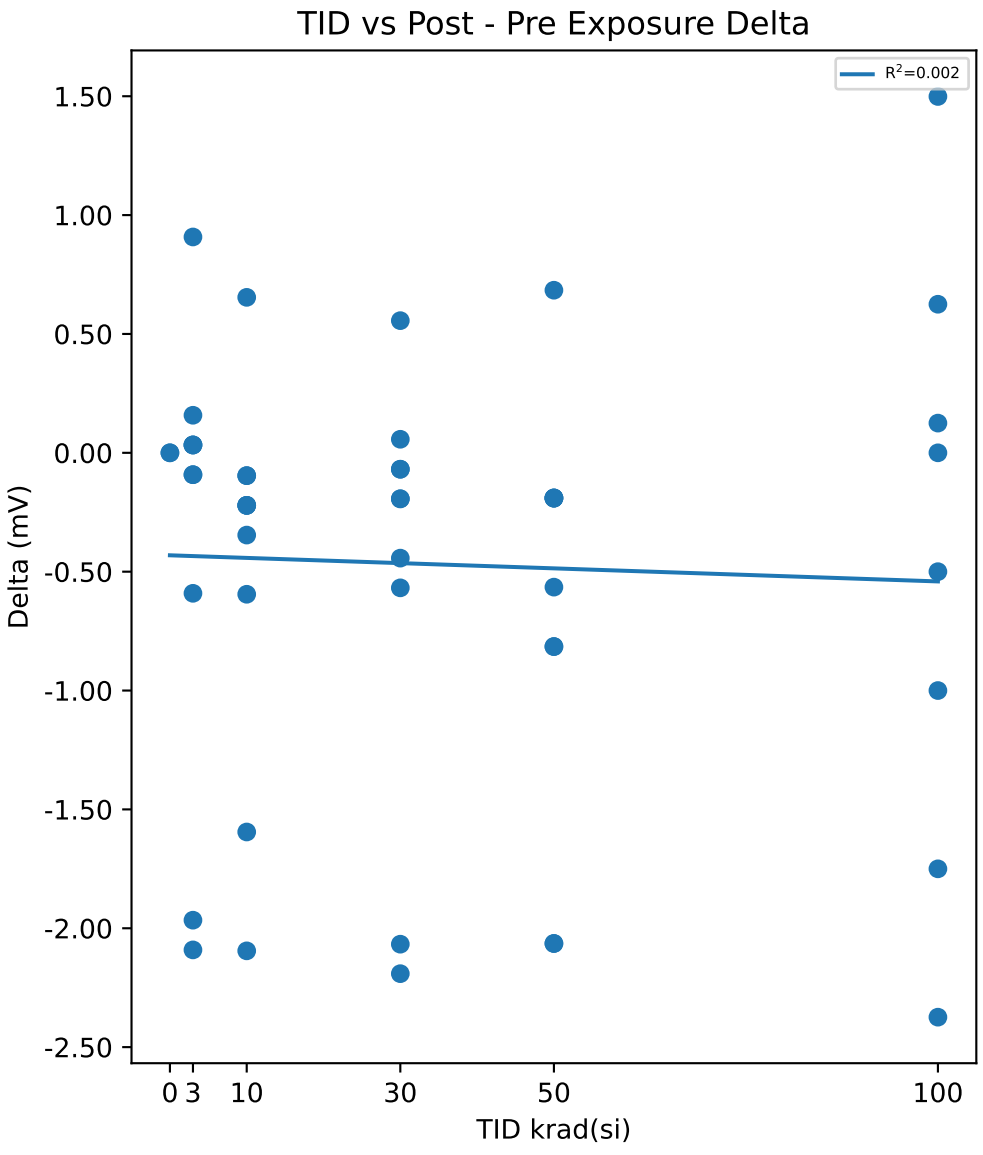


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.84	599.34	599.84	0.70711	598.84	599.34	599.84	0.70711	0	0	0	0
3	598.22	599.2	600.71	0.84202	598.47	599.11	600.09	0.54151	-1.495	-0.0959	0.754	0.70126
10	598.22	599.2	600.71	0.84202	598.29	599.54	600.28	0.7164	-1.553	0.333	1.445	0.94487
30	598.22	599.2	600.71	0.84202	597.87	598.94	599.49	0.55586	-2.349	-0.2628	0.649	0.92176
50	598.22	599.2	600.71	0.84202	598.73	599.25	599.85	0.32167	-1.736	0.0506	1.013	0.87559
100	597.59	598.93	600.09	0.7429	598.09	598.82	599.59	0.52763	-1.25	-0.10938	1.999	0.97806

Device Test: 13.4 VTH_SENSE1_FALLING/SENSE1/1.6/3/0/0/0/@VTH_SENSE





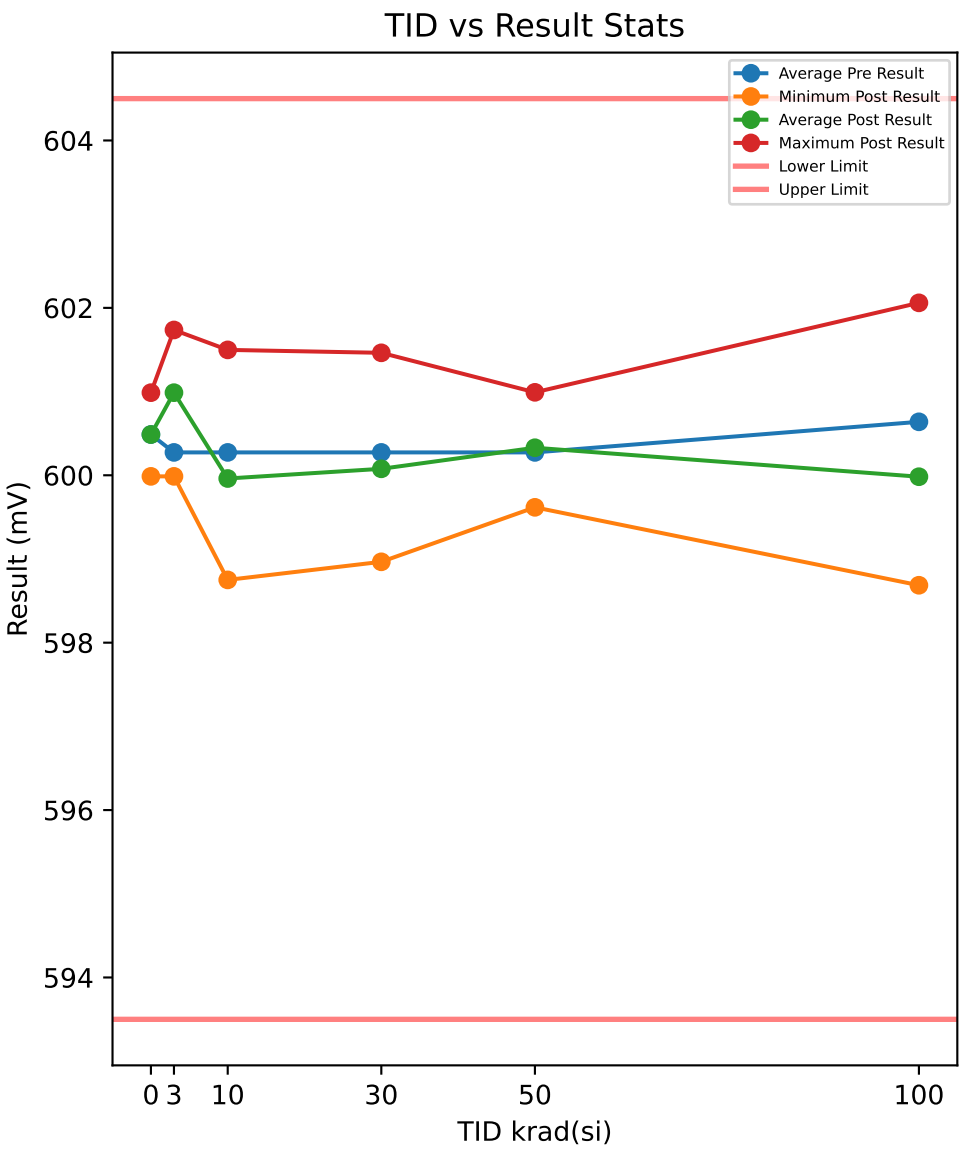
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

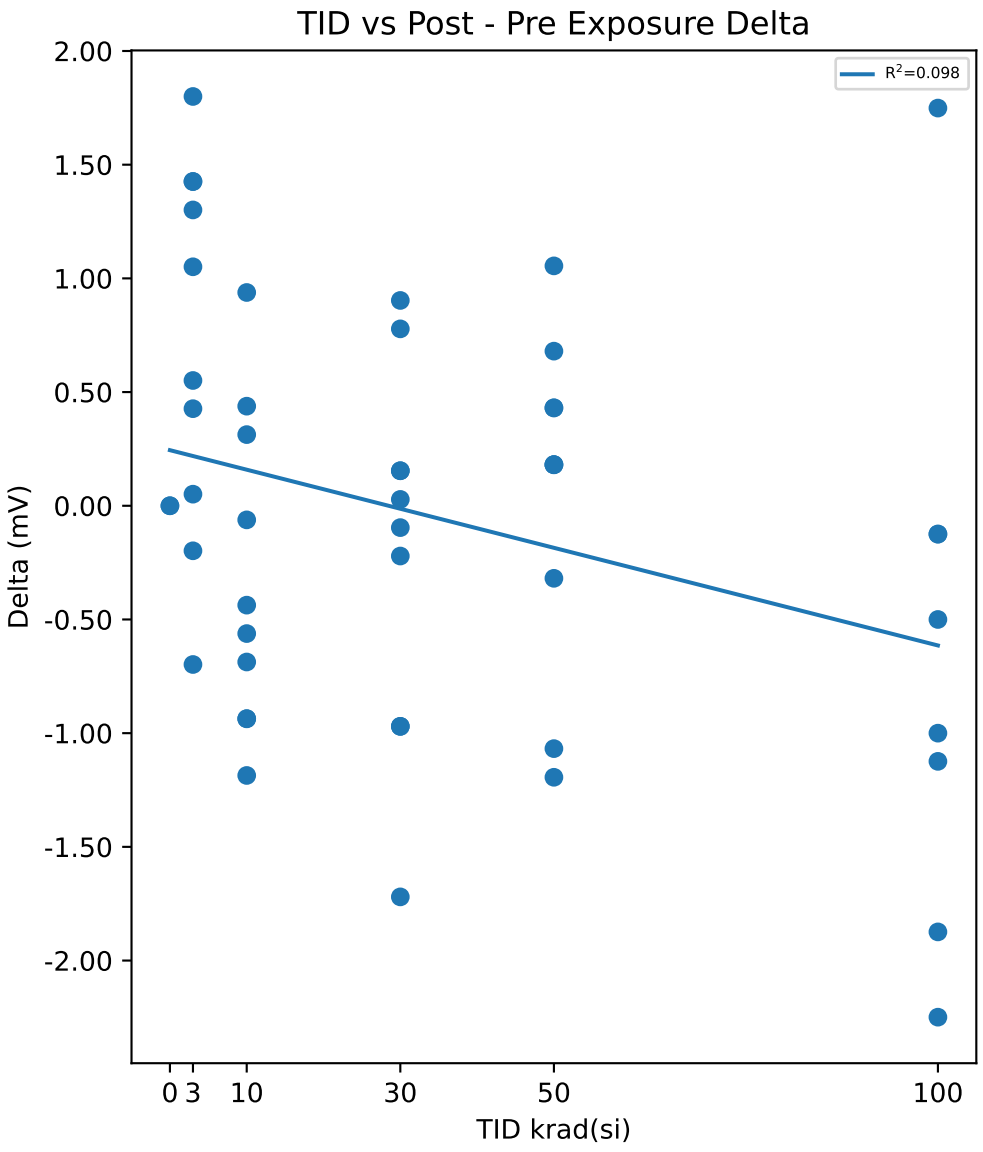
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.81	598.81	0
7	0	Correlation	599.44	599.44	0
16	3	LDR-Biased	600.15	598.19	-1.966
18	3	LDR-Biased	599.4	599.56	0.158
19	3	LDR-Biased	600.03	599.44	-0.591
20	3	LDR-Biased	598.78	598.81	0.033
21	3	LDR-Biased	599.53	599.44	-0.092
22	3	LDR-Unbiased	598.9	598.81	-0.092
23	3	LDR-Unbiased	598.78	599.69	0.908
25	3	LDR-Unbiased	599.4	599.44	0.033
26	3	LDR-Unbiased	599.53	599.56	0.033
27	3	LDR-Unbiased	600.9	598.81	-2.091
46	10	LDR-Biased	600.15	598.56	-1.595
48	10	LDR-Biased	599.4	599.31	-0.096
49	10	LDR-Biased	600.03	599.43	-0.595
50	10	LDR-Biased	598.78	598.56	-0.221
51	10	LDR-Biased	599.53	599.43	-0.096
52	10	LDR-Unbiased	598.9	598.56	-0.346
53	10	LDR-Unbiased	598.78	599.43	0.654
55	10	LDR-Unbiased	599.4	599.18	-0.221
56	10	LDR-Unbiased	599.53	599.31	-0.221
57	10	LDR-Unbiased	600.9	598.81	-2.095
76	30	LDR-Biased	600.15	597.96	-2.191
78	30	LDR-Biased	599.4	598.84	-0.568
79	30	LDR-Biased	600.03	599.59	-0.443
80	30	LDR-Biased	598.78	598.84	0.057
81	30	LDR-Biased	599.53	599.46	-0.069
82	30	LDR-Unbiased	598.9	598.71	-0.193
83	30	LDR-Unbiased	598.78	599.34	0.556
84	30	LDR-Unbiased	600.9	598.84	-2.067
85	30	LDR-Unbiased	599.4	599.34	-0.069
86	30	LDR-Unbiased	599.53	599.34	-0.194
87	100	LDR-Biased	599.4	599.53	0.125
88	100	LDR-Biased	599.9	598.9	-1
90	100	LDR-Biased	599.4	598.9	-0.5
91	100	LDR-Unbiased	598.78	599.4	0.625
93	100	LDR-Unbiased	598.65	600.15	1.499
94	100	LDR-Unbiased	599.9	598.15	-1.75
95	100	LDR-Unbiased	598.78	598.78	0
96	100	LDR-Unbiased	600.65	598.28	-2.374
106	50	LDR-Biased	600.15	598.09	-2.064
108	50	LDR-Biased	599.4	598.59	-0.815
109	50	LDR-Biased	600.03	599.46	-0.565
110	50	LDR-Biased	598.78	598.59	-0.19
111	50	LDR-Biased	599.53	598.71	-0.815
112	50	LDR-Unbiased	598.9	598.71	-0.19
113	50	LDR-Unbiased	598.78	599.46	0.684
115	50	LDR-Unbiased	599.4	599.21	-0.19
116	50	LDR-Unbiased	599.53	599.34	-0.191
117	50	LDR-Unbiased	600.9	598.84	-2.064

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.81	599.12	599.44	0.44194	598.81	599.12	599.44	0.44194	0	0	0	0
3	598.78	599.54	600.9	0.67261	598.19	599.17	599.69	0.48752	-2.091	-0.3667	0.908	0.94937
10	598.78	599.54	600.9	0.67261	598.56	599.06	599.43	0.39087	-2.095	-0.4832	0.654	0.79335
30	598.78	599.54	600.9	0.67261	597.96	599.02	599.59	0.48612	-2.191	-0.5181	0.556	0.90089
50	598.78	599.54	600.9	0.67261	598.09	598.9	599.46	0.45319	-2.064	-0.64	0.684	0.86181
100	598.65	599.44	600.65	0.69652	598.15	599.01	600.15	0.66267	-2.374	-0.42188	1.499	1.2637

Device Test: 13.40 VTH_SENSE3_RISING/SENSE3/7/14/0/0/0/@VTH_SENSE





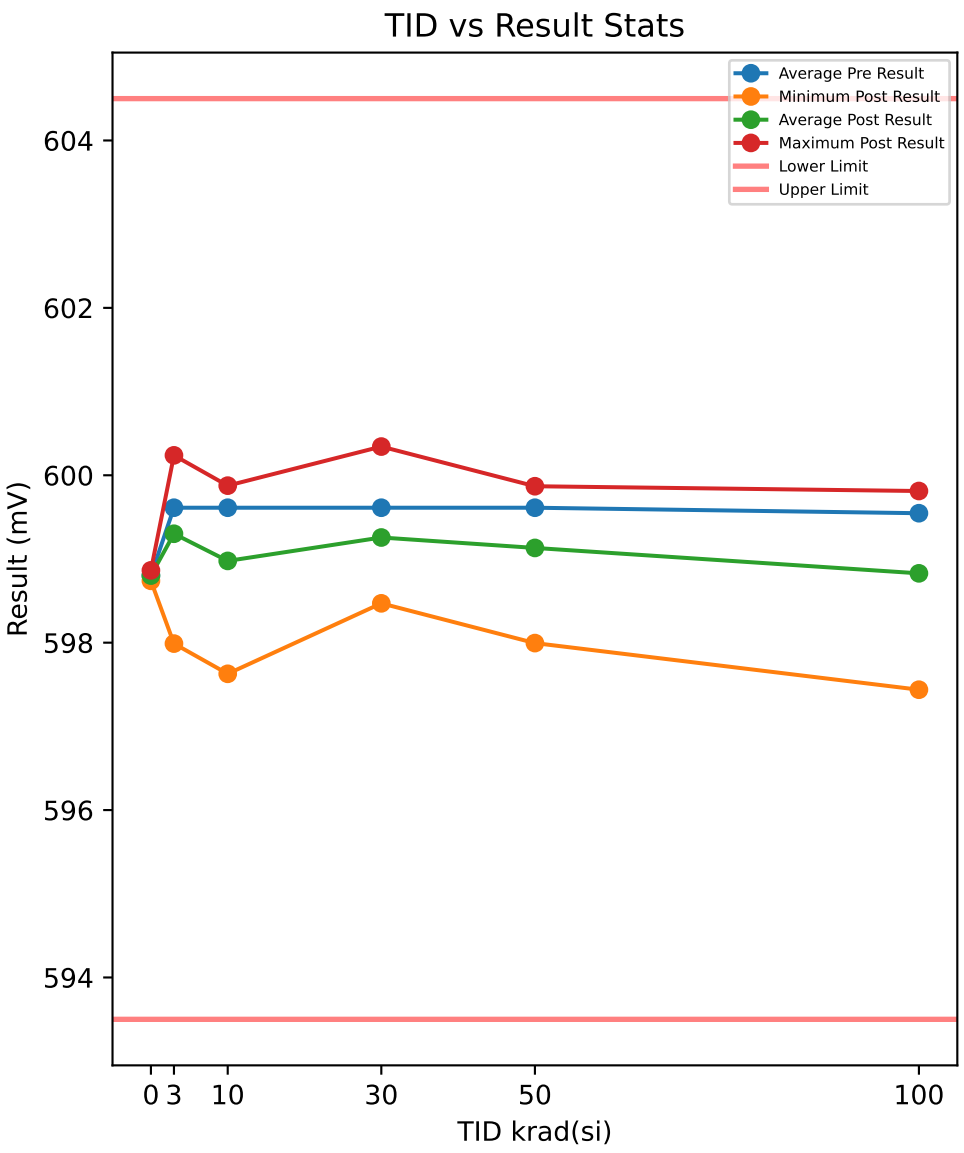
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

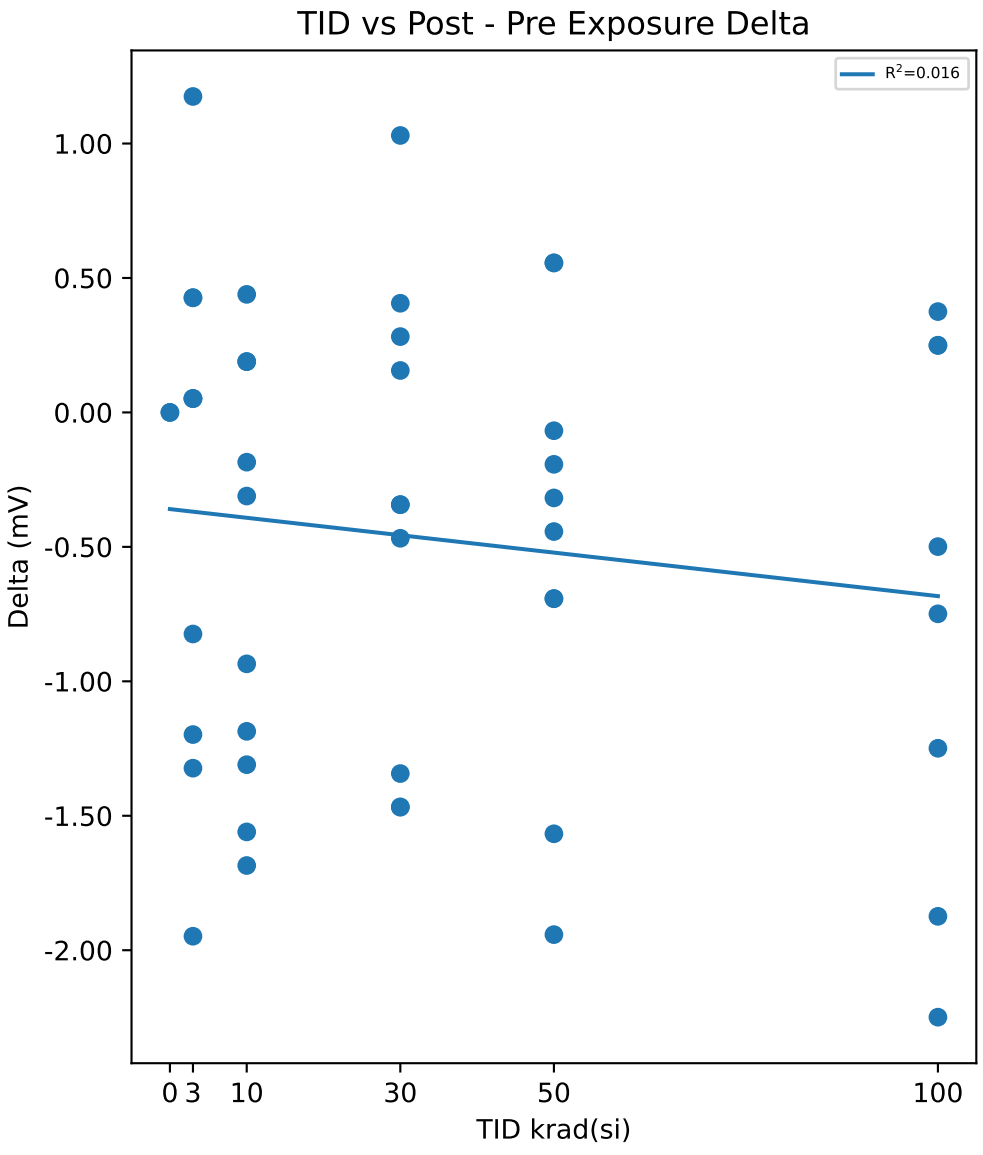
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.99	600.99	0
7	0	Correlation	599.99	599.99	0
16	3	LDR-Biased	601.43	601.24	-0.198
18	3	LDR-Biased	599.81	601.11	1.301
19	3	LDR-Biased	601.18	600.49	-0.698
20	3	LDR-Biased	599.94	599.99	0.051
21	3	LDR-Biased	599.94	601.74	1.8
22	3	LDR-Unbiased	600.31	600.86	0.551
23	3	LDR-Unbiased	599.56	600.99	1.426
25	3	LDR-Unbiased	600.56	600.99	0.427
26	3	LDR-Unbiased	599.69	601.11	1.426
27	3	LDR-Unbiased	600.31	601.36	1.051
46	10	LDR-Biased	601.43	600.5	-0.937
48	10	LDR-Biased	599.81	599.37	-0.437
49	10	LDR-Biased	601.18	600.25	-0.936
50	10	LDR-Biased	599.94	598.75	-1.186
51	10	LDR-Biased	599.94	600.25	0.313
52	10	LDR-Unbiased	600.31	599.62	-0.687
53	10	LDR-Unbiased	599.56	599.5	-0.062
55	10	LDR-Unbiased	600.56	601.5	0.938
56	10	LDR-Unbiased	599.69	600.12	0.438
57	10	LDR-Unbiased	600.31	599.75	-0.562
76	30	LDR-Biased	601.43	599.72	-1.72
78	30	LDR-Biased	599.81	599.97	0.154
79	30	LDR-Biased	601.18	600.22	-0.97
80	30	LDR-Biased	599.94	598.97	-0.97
81	30	LDR-Biased	599.94	599.84	-0.096
82	30	LDR-Unbiased	600.31	600.09	-0.221
83	30	LDR-Unbiased	599.56	600.34	0.778
84	30	LDR-Unbiased	600.31	600.34	0.028
85	30	LDR-Unbiased	600.56	601.46	0.903
86	30	LDR-Unbiased	599.69	599.84	0.154
87	100	LDR-Biased	601.31	600.19	-1.124
88	100	LDR-Biased	600.19	599.19	-1
90	100	LDR-Biased	599.94	599.81	-0.125
91	100	LDR-Unbiased	600.56	600.44	-0.124
93	100	LDR-Unbiased	600.31	602.06	1.749
94	100	LDR-Unbiased	600.93	598.69	-2.249
95	100	LDR-Unbiased	600.06	599.56	-0.5
96	100	LDR-Unbiased	601.81	599.94	-1.874
106	50	LDR-Biased	601.43	600.24	-1.194
108	50	LDR-Biased	599.81	600.87	1.055
109	50	LDR-Biased	601.18	600.12	-1.068
110	50	LDR-Biased	599.94	599.62	-0.319
111	50	LDR-Biased	599.94	600.62	0.68
112	50	LDR-Unbiased	600.31	600.49	0.18
113	50	LDR-Unbiased	599.56	599.74	0.181
115	50	LDR-Unbiased	600.56	600.99	0.431
116	50	LDR-Unbiased	599.69	599.87	0.181
117	50	LDR-Unbiased	600.31	600.74	0.43

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.99	600.49	600.99	0.70711	599.99	600.49	600.99	0.70711	0	0	0	0
3	599.56	600.27	601.43	0.62887	599.99	600.99	601.74	0.47854	-0.698	0.7137	1.8	0.81822
10	599.56	600.27	601.43	0.62887	598.75	599.96	601.5	0.74731	-1.186	-0.3118	0.938	0.69448
30	599.56	600.27	601.43	0.62887	598.97	600.08	601.46	0.62962	-1.72	-0.196	0.903	0.81534
50	599.56	600.27	601.43	0.62887	599.62	600.33	600.99	0.48564	-1.194	0.0557	1.055	0.72119
100	599.94	600.64	601.81	0.66078	598.69	599.98	602.06	1.0062	-2.249	-0.65587	1.749	1.2382

Device Test: 13.41 VTH_SENSE3_FALLING/SENSE3/7/14/0/0/0/@VTH_SENSE





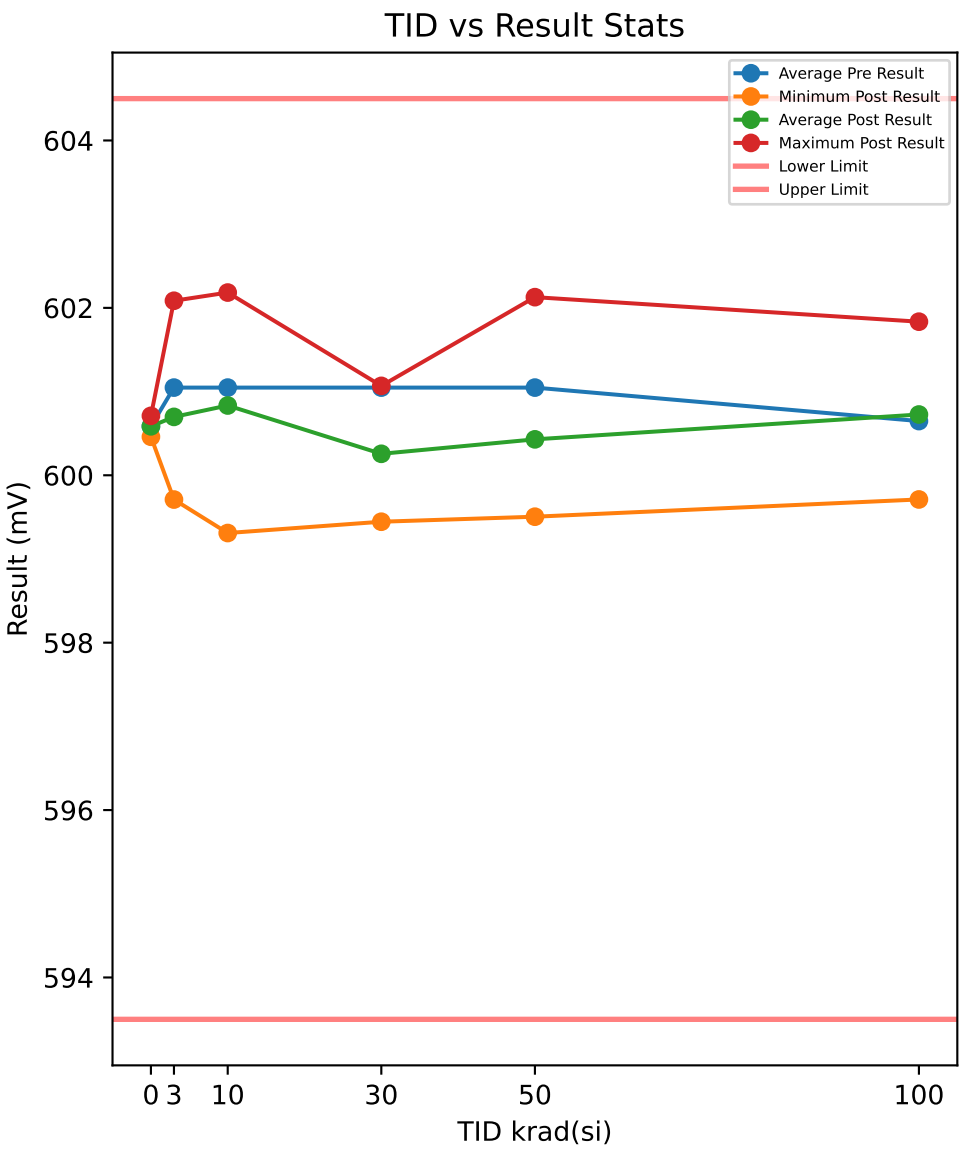
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

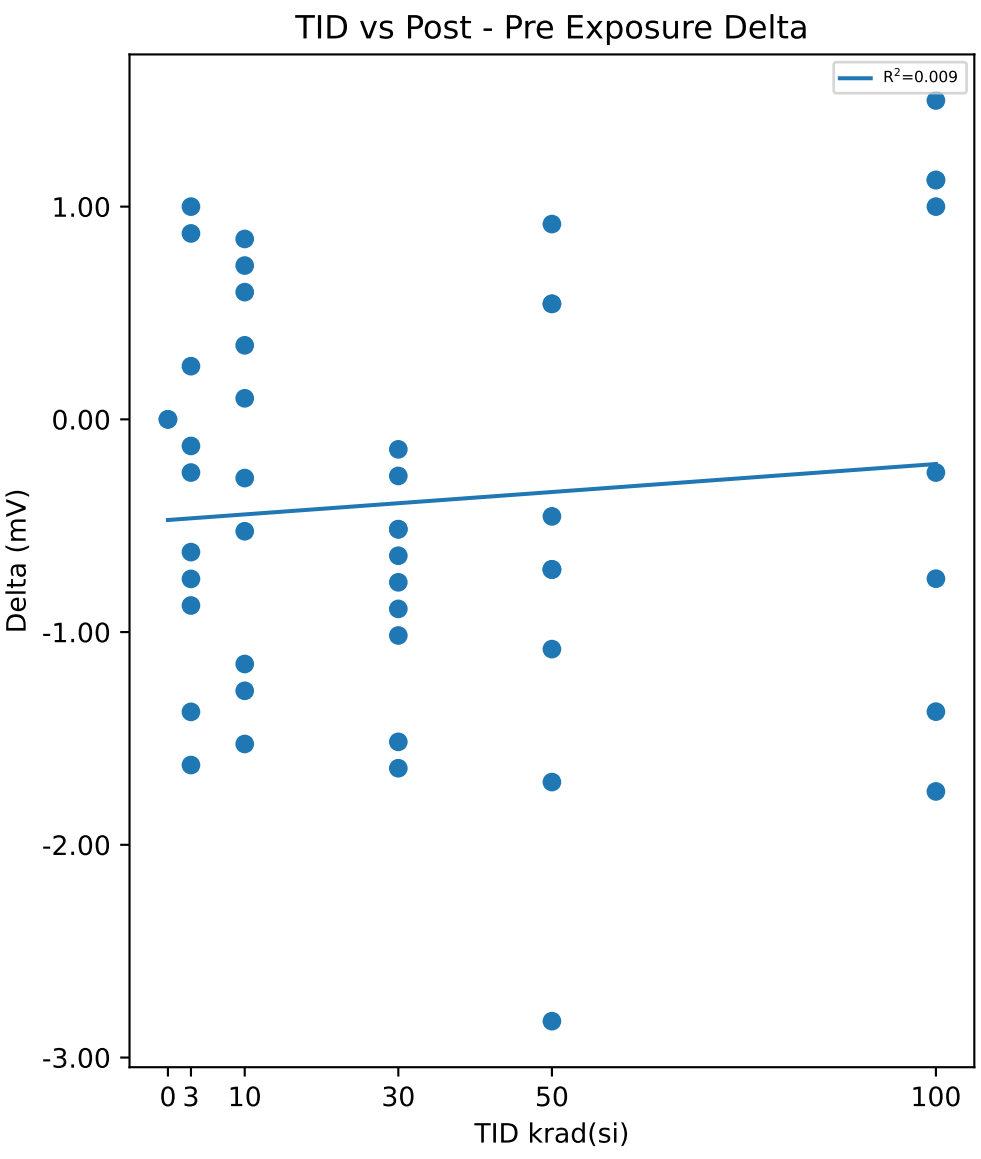
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.74	598.74	0
7	0	Correlation	598.86	598.86	0
16	3	LDR-Biased	599.06	598.24	-0.824
18	3	LDR-Biased	599.31	599.74	0.427
19	3	LDR-Biased	600.56	599.36	-1.198
20	3	LDR-Biased	599.94	597.99	-1.948
21	3	LDR-Biased	599.44	599.49	0.052
22	3	LDR-Unbiased	599.44	599.49	0.052
23	3	LDR-Unbiased	598.94	599.36	0.426
25	3	LDR-Unbiased	599.94	599.99	0.051
26	3	LDR-Unbiased	599.06	600.24	1.175
27	3	LDR-Unbiased	600.44	599.11	-1.323
46	10	LDR-Biased	599.06	598.75	-0.311
48	10	LDR-Biased	599.31	599.5	0.189
49	10	LDR-Biased	600.56	599.38	-1.186
50	10	LDR-Biased	599.94	598.38	-1.56
51	10	LDR-Biased	599.44	599.25	-0.185
52	10	LDR-Unbiased	599.44	599.88	0.439
53	10	LDR-Unbiased	598.94	597.63	-1.31
55	10	LDR-Unbiased	599.94	599	-0.935
56	10	LDR-Unbiased	599.06	599.25	0.189
57	10	LDR-Unbiased	600.44	598.75	-1.685
76	30	LDR-Biased	599.06	598.6	-0.468
78	30	LDR-Biased	599.31	599.59	0.282
79	30	LDR-Biased	600.56	599.22	-1.343
80	30	LDR-Biased	599.94	598.47	-1.467
81	30	LDR-Biased	599.44	599.09	-0.343
82	30	LDR-Unbiased	599.44	599.09	-0.343
83	30	LDR-Unbiased	598.94	599.09	0.156
84	30	LDR-Unbiased	600.44	598.97	-1.468
85	30	LDR-Unbiased	599.94	600.34	0.406
86	30	LDR-Unbiased	599.06	600.09	1.03
87	100	LDR-Biased	599.06	599.31	0.249
88	100	LDR-Biased	600.31	599.06	-1.249
90	100	LDR-Biased	599.56	599.06	-0.499
91	100	LDR-Unbiased	598.81	599.19	0.375
93	100	LDR-Unbiased	599.56	599.81	0.25
94	100	LDR-Unbiased	599.69	597.44	-2.249
95	100	LDR-Unbiased	599.44	598.69	-0.749
96	100	LDR-Unbiased	599.94	598.06	-1.874
106	50	LDR-Biased	599.06	599.62	0.556
108	50	LDR-Biased	599.31	599.24	-0.068
109	50	LDR-Biased	600.56	599.87	-0.693
110	50	LDR-Biased	599.94	598	-1.942
111	50	LDR-Biased	599.44	599.12	-0.318
112	50	LDR-Unbiased	599.44	598.75	-0.692
113	50	LDR-Unbiased	598.94	599.49	0.556
115	50	LDR-Unbiased	599.94	599.74	-0.193
116	50	LDR-Unbiased	599.06	598.62	-0.443
117	50	LDR-Unbiased	600.44	598.87	-1.567

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.74	598.8	598.86	0.088388	598.74	598.8	598.86	0.088388	0	0	0	0
3	598.94	599.61	600.56	0.57761	597.99	599.3	600.24	0.70747	-1.948	-0.311	1.175	0.96864
10	598.94	599.61	600.56	0.57761	597.63	598.98	599.88	0.639	-1.685	-0.6355	0.439	0.79066
30	598.94	599.61	600.56	0.57761	598.47	599.26	600.34	0.59755	-1.468	-0.3558	1.03	0.85821
50	598.94	599.61	600.56	0.57761	598	599.13	599.87	0.58423	-1.942	-0.4804	0.556	0.80524
100	598.81	599.55	600.31	0.46942	597.44	598.83	599.81	0.75399	-2.249	-0.71825	0.375	1.0056

Device Test: 13.42 VTH_SENSE4_RISING/SENSE4/7/14/0/0/0/@VTH_SENSE





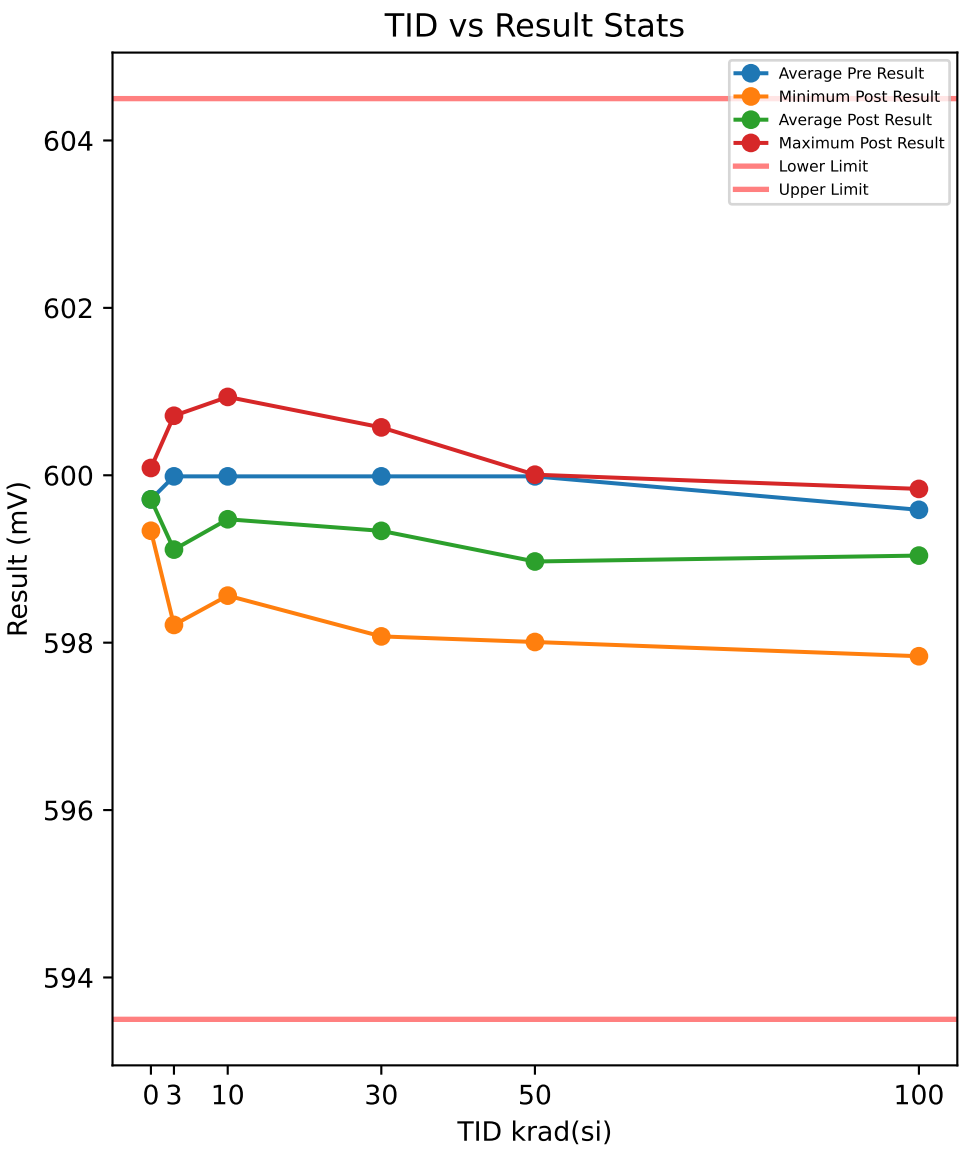
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

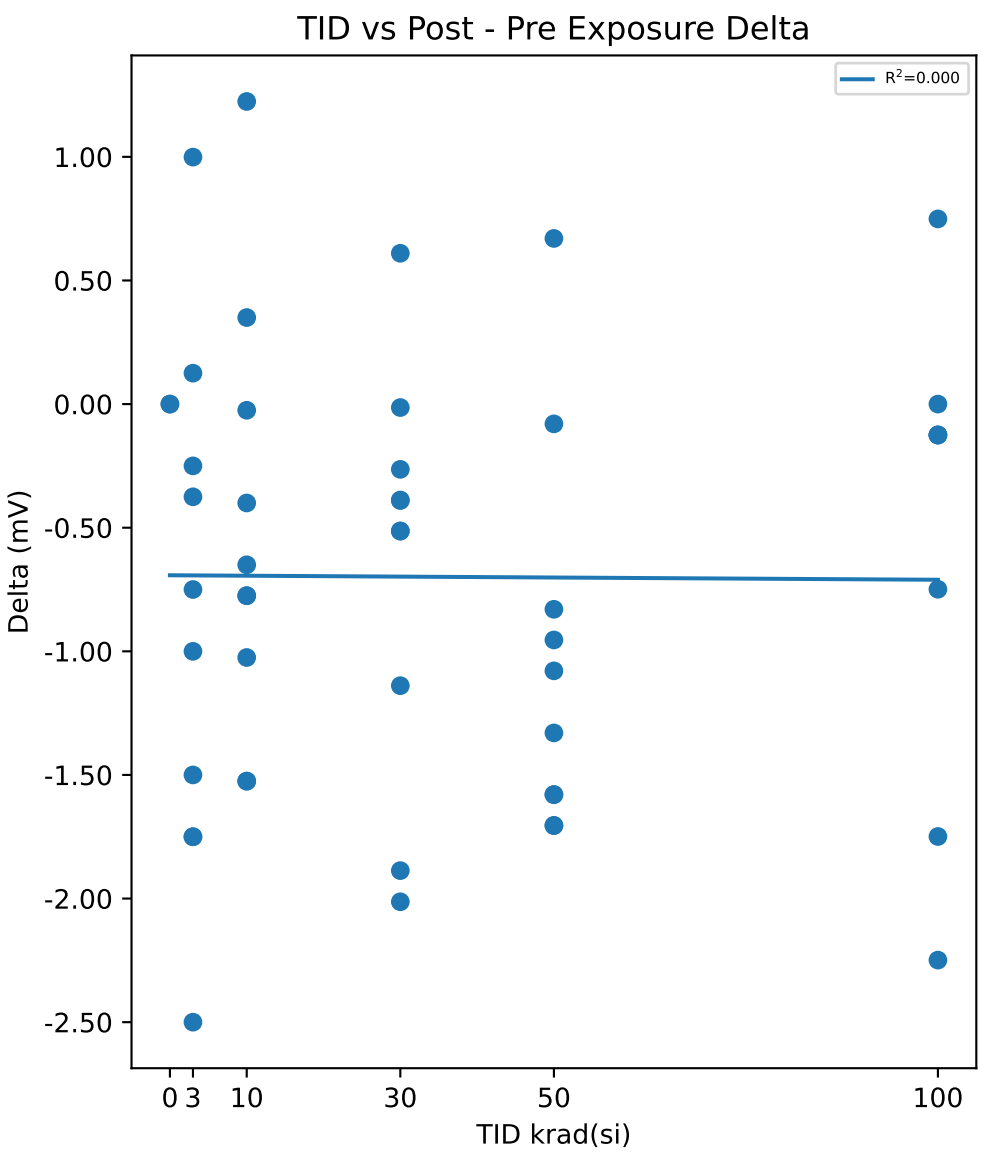
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.71	600.71	0
7	0	Correlation	600.46	600.46	0
16	3	LDR-Biased	601.09	602.09	1
18	3	LDR-Biased	601.46	600.09	-1.375
19	3	LDR-Biased	602.46	601.84	-0.624
20	3	LDR-Biased	600.84	599.96	-0.875
21	3	LDR-Biased	600.71	599.96	-0.75
22	3	LDR-Unbiased	599.96	600.84	0.874
23	3	LDR-Unbiased	600.46	600.21	-0.25
25	3	LDR-Unbiased	601.59	601.46	-0.125
26	3	LDR-Unbiased	600.59	600.84	0.25
27	3	LDR-Unbiased	601.34	599.71	-1.625
46	10	LDR-Biased	601.09	601.93	0.848
48	10	LDR-Biased	601.46	600.93	-0.526
49	10	LDR-Biased	602.46	601.18	-1.276
50	10	LDR-Biased	600.84	601.56	0.723
51	10	LDR-Biased	600.71	600.43	-0.276
52	10	LDR-Unbiased	599.96	600.31	0.348
53	10	LDR-Unbiased	600.46	599.31	-1.15
55	10	LDR-Unbiased	601.59	602.18	0.598
56	10	LDR-Unbiased	600.59	600.68	0.099
57	10	LDR-Unbiased	601.34	599.81	-1.526
76	30	LDR-Biased	601.09	600.19	-0.891
78	30	LDR-Biased	601.46	600.44	-1.016
79	30	LDR-Biased	602.46	600.94	-1.516
80	30	LDR-Biased	600.84	600.07	-0.766
81	30	LDR-Biased	600.71	600.07	-0.641
82	30	LDR-Unbiased	599.96	599.45	-0.516
83	30	LDR-Unbiased	600.46	600.32	-0.141
84	30	LDR-Unbiased	601.34	599.7	-1.64
85	30	LDR-Unbiased	601.59	601.07	-0.517
86	30	LDR-Unbiased	600.59	600.32	-0.266
87	100	LDR-Biased	600.34	601.34	1
88	100	LDR-Biased	600.96	600.71	-0.25
90	100	LDR-Biased	600.71	599.96	-0.749
91	100	LDR-Unbiased	600.71	601.84	1.125
93	100	LDR-Unbiased	600.09	601.21	1.125
94	100	LDR-Unbiased	601.09	599.71	-1.374
95	100	LDR-Unbiased	599.59	601.09	1.499
96	100	LDR-Unbiased	601.71	599.96	-1.749
106	50	LDR-Biased	601.09	602	0.918
108	50	LDR-Biased	601.46	600.75	-0.706
109	50	LDR-Biased	602.46	599.63	-2.829
110	50	LDR-Biased	600.84	600.13	-0.706
111	50	LDR-Biased	600.71	600.25	-0.456
112	50	LDR-Unbiased	599.96	600.5	0.543
113	50	LDR-Unbiased	600.46	599.75	-0.705
115	50	LDR-Unbiased	601.59	602.13	0.543
116	50	LDR-Unbiased	600.59	599.5	-1.08
117	50	LDR-Unbiased	601.34	599.63	-1.705

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.46	600.59	600.71	0.17678	600.46	600.59	600.71	0.17678	0	0	0	0
3	599.96	601.05	602.46	0.70191	599.71	600.7	602.09	0.85076	-1.625	-0.35	1	0.87739
10	599.96	601.05	602.46	0.70191	599.31	600.83	602.18	0.91378	-1.526	-0.2138	0.848	0.87594
30	599.96	601.05	602.46	0.70191	599.45	600.26	601.07	0.49675	-1.64	-0.791	-0.141	0.49205
50	599.96	601.05	602.46	0.70191	599.5	600.43	602.13	0.9534	-2.829	-0.6183	0.918	1.1249
100	599.59	600.65	601.71	0.651	599.71	600.73	601.84	0.77135	-1.749	0.078375	1.499	1.2705

Device Test: 13.43 VTH_SENSE4_FALLING/SENSE4/7/14/0/0/0/@VTH_SENSE





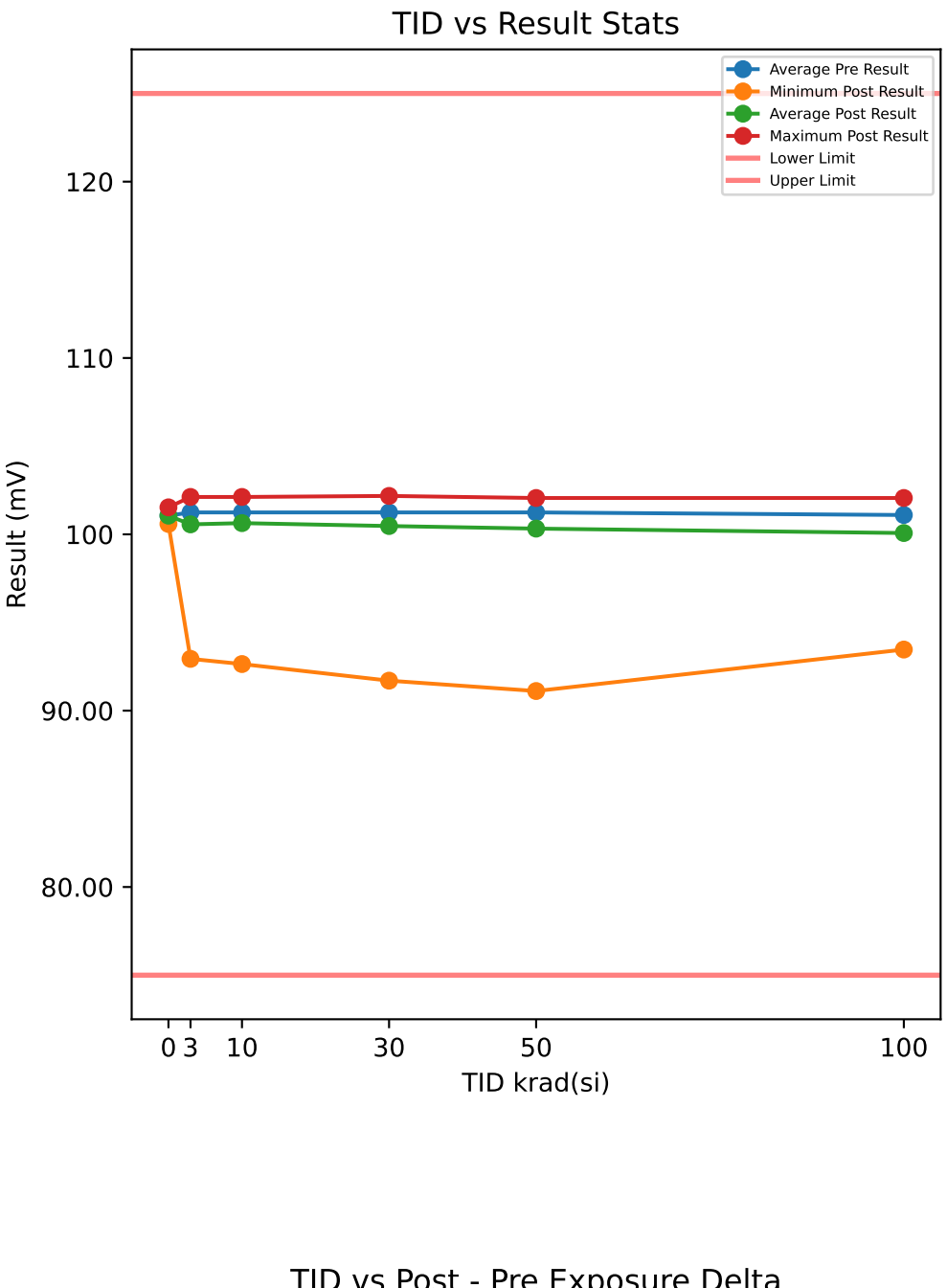
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

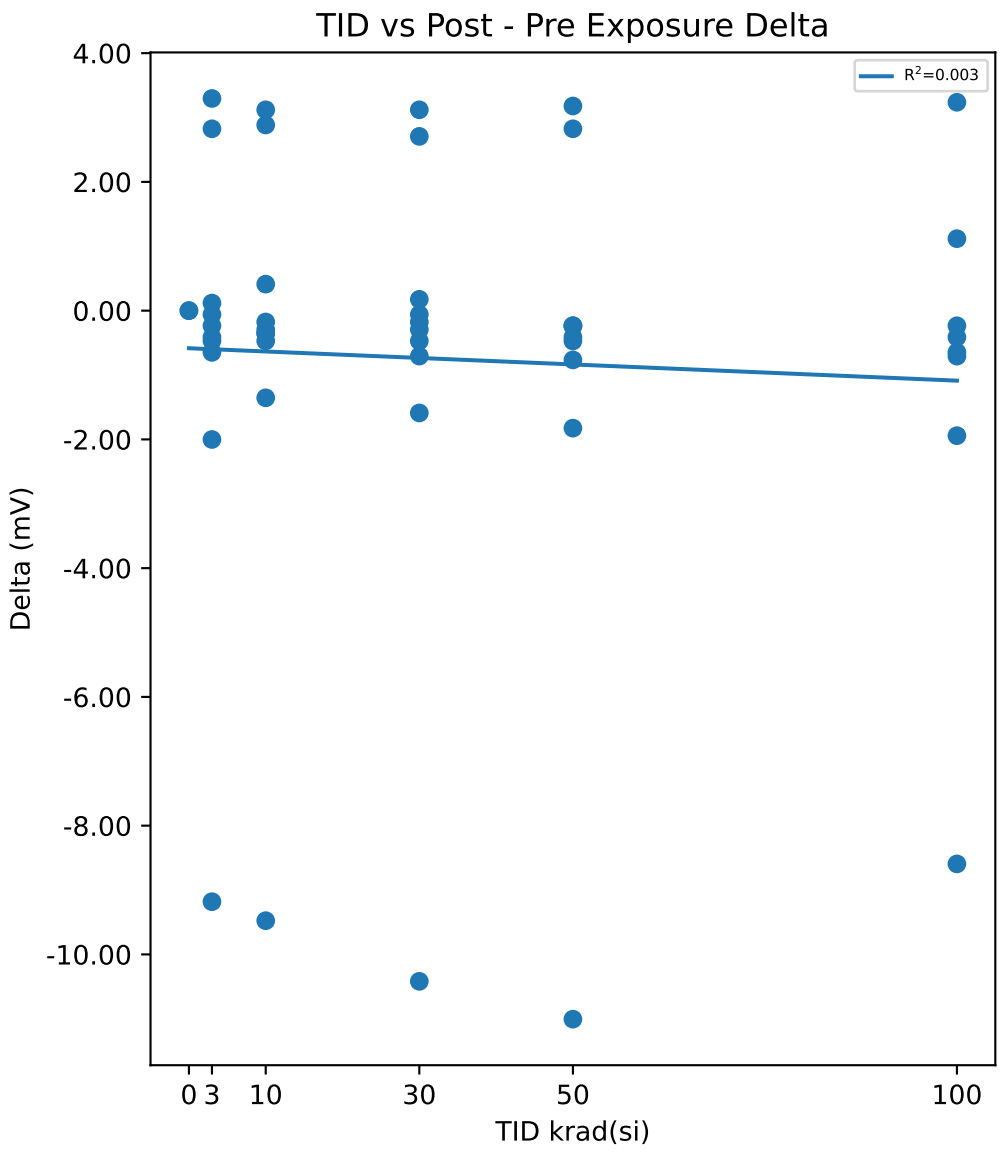
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	599.34	599.34	0
7	0	Correlation	600.09	600.09	0
16	3	LDR-Biased	600.96	598.46	-2.5
18	3	LDR-Biased	600.46	598.71	-1.75
19	3	LDR-Biased	600.96	599.46	-1.5
20	3	LDR-Biased	599.96	598.21	-1.75
21	3	LDR-Biased	599.09	599.21	0.125
22	3	LDR-Unbiased	599.34	598.96	-0.375
23	3	LDR-Unbiased	599.34	599.09	-0.25
25	3	LDR-Unbiased	599.71	600.71	0.999
26	3	LDR-Unbiased	600.09	599.09	-1
27	3	LDR-Unbiased	599.96	599.21	-0.75
46	10	LDR-Biased	600.96	599.94	-1.025
48	10	LDR-Biased	600.46	598.94	-1.525
49	10	LDR-Biased	600.96	599.44	-1.525
50	10	LDR-Biased	599.96	599.19	-0.775
51	10	LDR-Biased	599.09	599.44	0.35
52	10	LDR-Unbiased	599.34	599.31	-0.025
53	10	LDR-Unbiased	599.34	598.56	-0.775
55	10	LDR-Unbiased	599.71	600.94	1.224
56	10	LDR-Unbiased	600.09	599.69	-0.4
57	10	LDR-Unbiased	599.96	599.31	-0.65
76	30	LDR-Biased	600.96	598.95	-2.013
78	30	LDR-Biased	600.46	599.32	-1.139
79	30	LDR-Biased	600.96	600.57	-0.39
80	30	LDR-Biased	599.96	599.45	-0.514
81	30	LDR-Biased	599.09	598.7	-0.388
82	30	LDR-Unbiased	599.34	599.32	-0.014
83	30	LDR-Unbiased	599.34	598.82	-0.513
84	30	LDR-Unbiased	599.96	598.08	-1.887
85	30	LDR-Unbiased	599.71	600.32	0.61
86	30	LDR-Unbiased	600.09	599.82	-0.264
87	100	LDR-Biased	599.21	599.21	0
88	100	LDR-Biased	599.84	599.71	-0.125
90	100	LDR-Biased	599.46	599.34	-0.125
91	100	LDR-Unbiased	599.96	599.84	-0.125
93	100	LDR-Unbiased	598.59	599.34	0.749
94	100	LDR-Unbiased	600.09	597.84	-2.249
95	100	LDR-Unbiased	599.21	598.46	-0.749
96	100	LDR-Unbiased	600.34	598.59	-1.749
106	50	LDR-Biased	600.96	599.26	-1.705
108	50	LDR-Biased	600.46	599.63	-0.83
109	50	LDR-Biased	600.96	599.38	-1.58
110	50	LDR-Biased	599.96	598.38	-1.579
111	50	LDR-Biased	599.09	598.01	-1.079
112	50	LDR-Unbiased	599.34	600.01	0.67
113	50	LDR-Unbiased	599.34	598.38	-0.954
115	50	LDR-Unbiased	599.71	599.63	-0.08
116	50	LDR-Unbiased	600.09	598.76	-1.33
117	50	LDR-Unbiased	599.96	598.26	-1.704

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.34	599.71	600.09	0.53033	599.34	599.71	600.09	0.53033	0	0	0	0
3	599.09	599.99	600.96	0.65564	598.21	599.11	600.71	0.67623	-2.5	-0.8751	0.999	1.0406
10	599.09	599.99	600.96	0.65564	598.56	599.47	600.94	0.63726	-1.525	-0.5126	1.224	0.84848
30	599.09	599.99	600.96	0.65564	598.08	599.34	600.57	0.75702	-2.013	-0.6512	0.61	0.81252
50	599.09	599.99	600.96	0.65564	598.01	598.97	600.01	0.69689	-1.705	-1.0171	0.67	0.77766
100	598.59	599.59	600.34	0.57452	597.84	599.04	599.84	0.68398	-2.249	-0.54663	0.749	0.99251

Device Test: 13.44 VTH_UP_HYS/UP/7/14/0/0/0/@UP_DOWN_VHYS





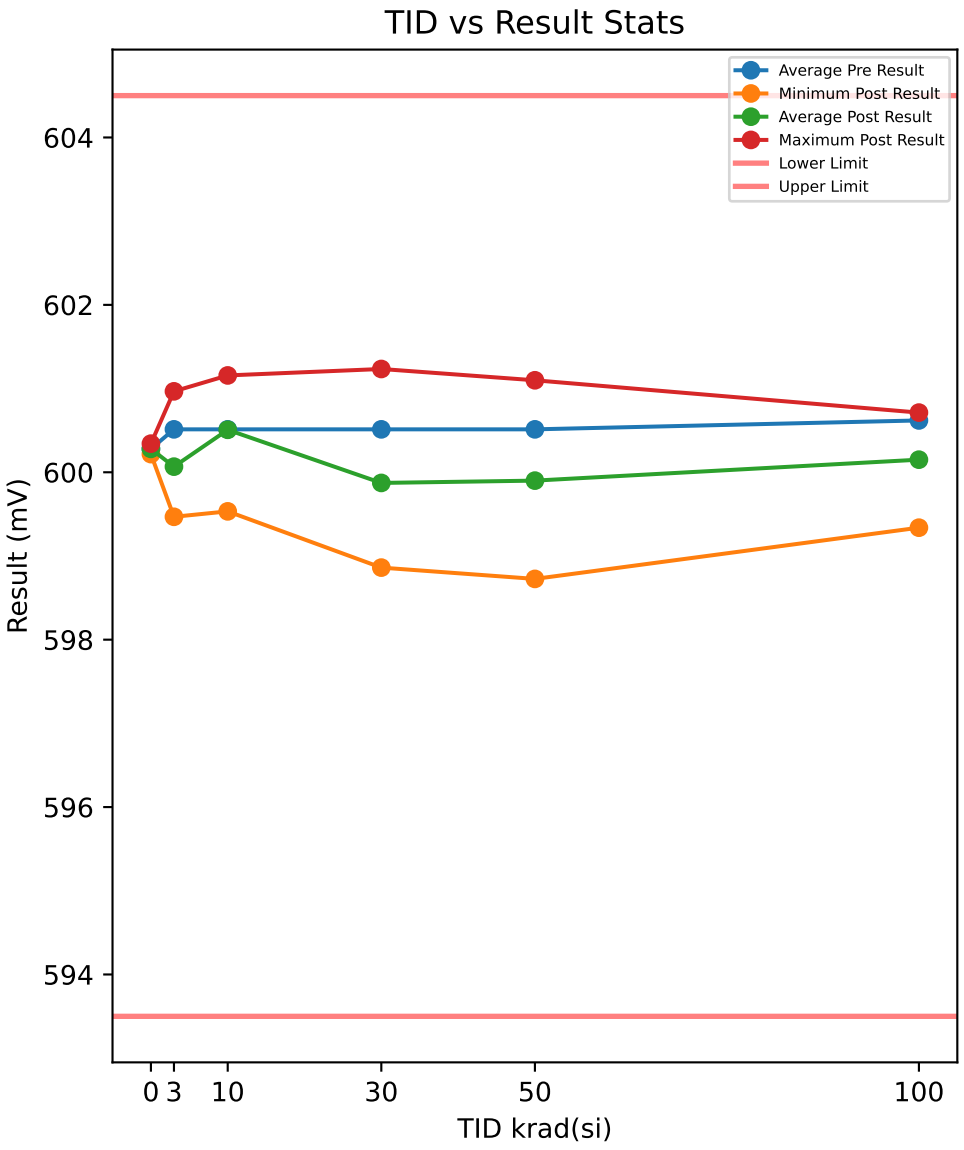
Test Results (Lower Limit = 75.0, Upper Limit = 125.0 (mV))

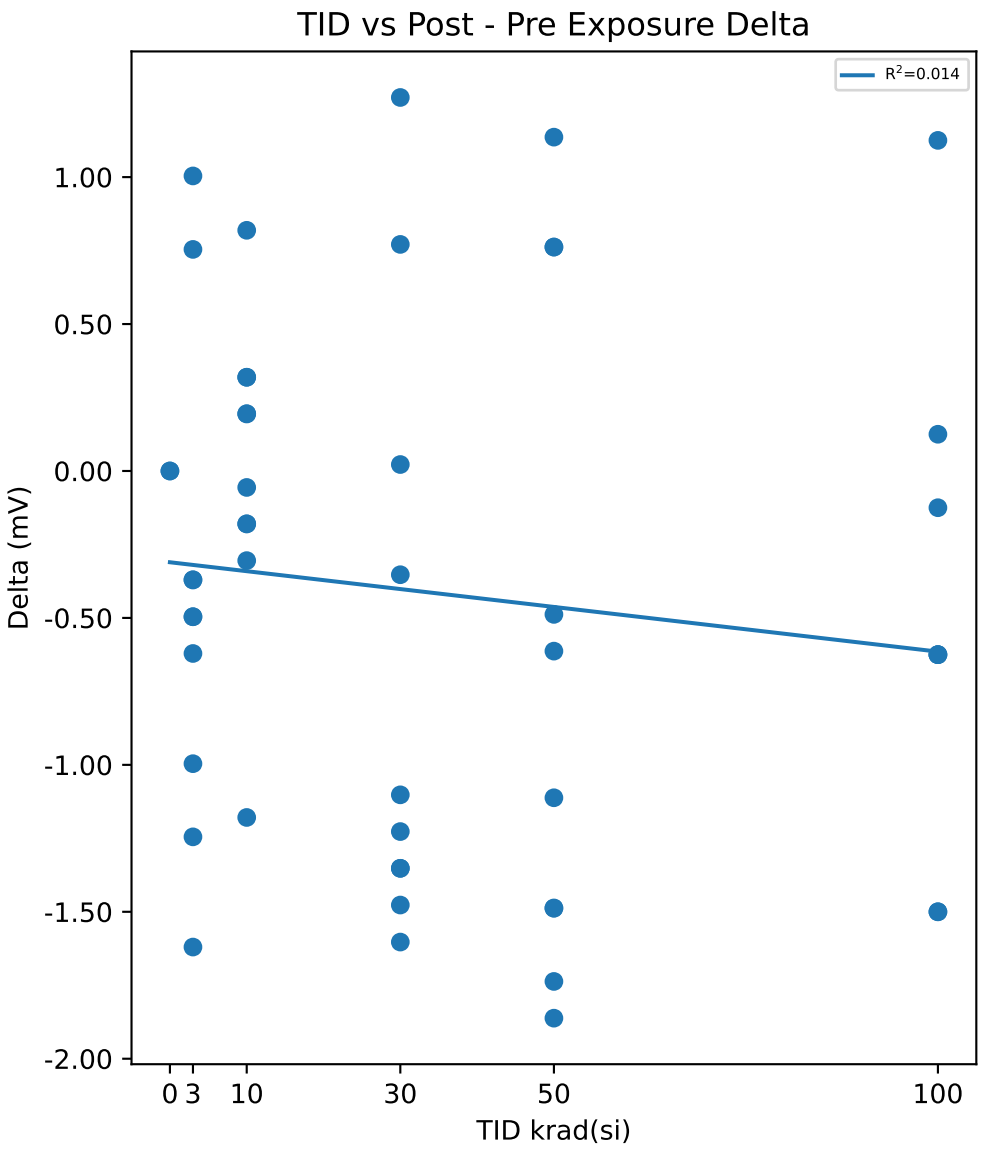
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	101.53	101.53	0
7	0	Correlation	100.59	100.59	0
16	3	LDR-Biased	102	102.12	0.118
18	3	LDR-Biased	102.3	101.65	-0.648
19	3	LDR-Biased	102	101.77	-0.235
20	3	LDR-Biased	102	100	-2.001
21	3	LDR-Biased	98.705	102	3.296
22	3	LDR-Unbiased	102.12	101.71	-0.412
23	3	LDR-Unbiased	99.235	102.06	2.825
25	3	LDR-Unbiased	99.647	99.588	-0.059
26	3	LDR-Unbiased	102.12	92.938	-9.181
27	3	LDR-Unbiased	102.3	101.83	-0.47
46	10	LDR-Biased	102	101.83	-0.176
48	10	LDR-Biased	102.3	101.94	-0.353
49	10	LDR-Biased	102	101.65	-0.353
50	10	LDR-Biased	102	100.65	-1.354
51	10	LDR-Biased	98.705	101.83	3.12
52	10	LDR-Unbiased	102.12	101.83	-0.294
53	10	LDR-Unbiased	99.235	102.12	2.884
55	10	LDR-Unbiased	99.647	100.06	0.412
56	10	LDR-Unbiased	102.12	92.643	-9.476
57	10	LDR-Unbiased	102.3	101.83	-0.47
76	30	LDR-Biased	102	101.94	-0.059
78	30	LDR-Biased	102.3	101.83	-0.471
79	30	LDR-Biased	102	102.18	0.176
80	30	LDR-Biased	102	100.41	-1.589
81	30	LDR-Biased	98.705	101.83	3.12
82	30	LDR-Unbiased	102.12	101.94	-0.177
83	30	LDR-Unbiased	99.235	101.94	2.707
84	30	LDR-Unbiased	102.3	101.59	-0.706
85	30	LDR-Unbiased	99.647	99.353	-0.294
86	30	LDR-Unbiased	102.12	91.701	-10.418
87	100	LDR-Biased	97.293	98.411	1.118
88	100	LDR-Biased	102	101.59	-0.412
90	100	LDR-Biased	102.3	101.59	-0.707
91	100	LDR-Unbiased	101.94	100	-1.942
93	100	LDR-Unbiased	98.705	101.94	3.237
94	100	LDR-Unbiased	102.18	101.53	-0.646
95	100	LDR-Unbiased	102.06	93.466	-8.594
96	100	LDR-Unbiased	102.3	102.06	-0.235
106	50	LDR-Biased	102	101.77	-0.236
108	50	LDR-Biased	102.3	101.83	-0.471
109	50	LDR-Biased	102	101.24	-0.765
110	50	LDR-Biased	102	100.18	-1.825
111	50	LDR-Biased	98.705	101.88	3.179
112	50	LDR-Unbiased	102.12	101.71	-0.412
113	50	LDR-Unbiased	99.235	102.06	2.825
115	50	LDR-Unbiased	99.647	99.411	-0.236
116	50	LDR-Unbiased	102.12	91.113	-11.006
117	50	LDR-Unbiased	102.3	102.06	-0.235

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100.59	101.06	101.53	0.66609	100.59	101.06	101.53	0.66609	0	0	0	0
3	98.705	101.24	102.3	1.4335	92.938	100.57	102.12	2.8218	-9.181	-0.6767	3.296	3.3902
10	98.705	101.24	102.3	1.4335	92.643	100.64	102.12	2.883	-9.476	-0.606	3.12	3.4442
30	98.705	101.24	102.3	1.4335	91.701	100.47	102.18	3.2056	-10.418	-0.7711	3.12	3.6976
50	98.705	101.24	102.3	1.4335	91.113	100.32	102.06	3.3538	-11.006	-0.9182	3.179	3.8767
100	97.293	101.1	102.3	1.9526	93.466	100.07	102.06	2.9419	-8.594	-1.0226	3.237	3.4254

Device Test: 13.5 VTH_SENSE2_RISING/SENSE2/1.6/3/0/0/0/@VTH_SENSE





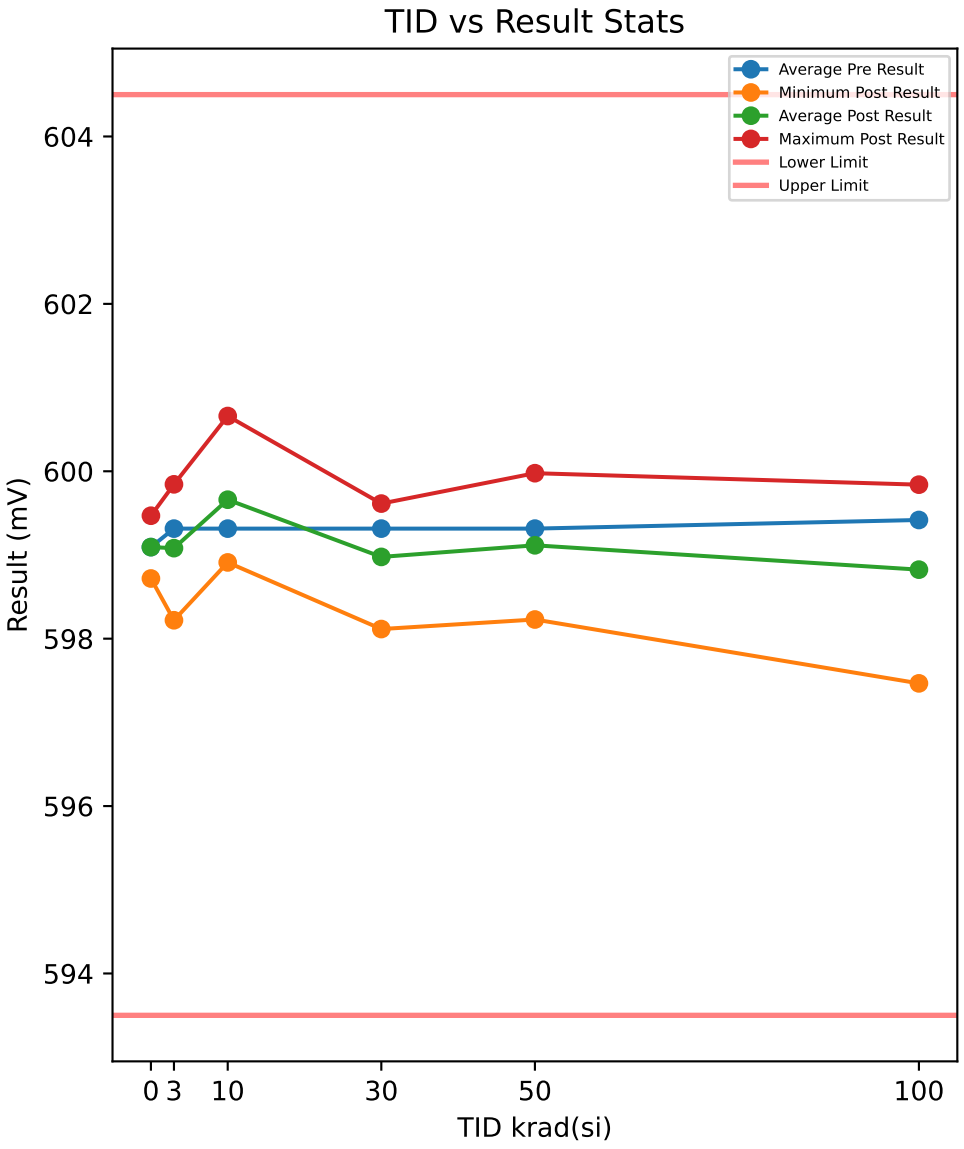
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

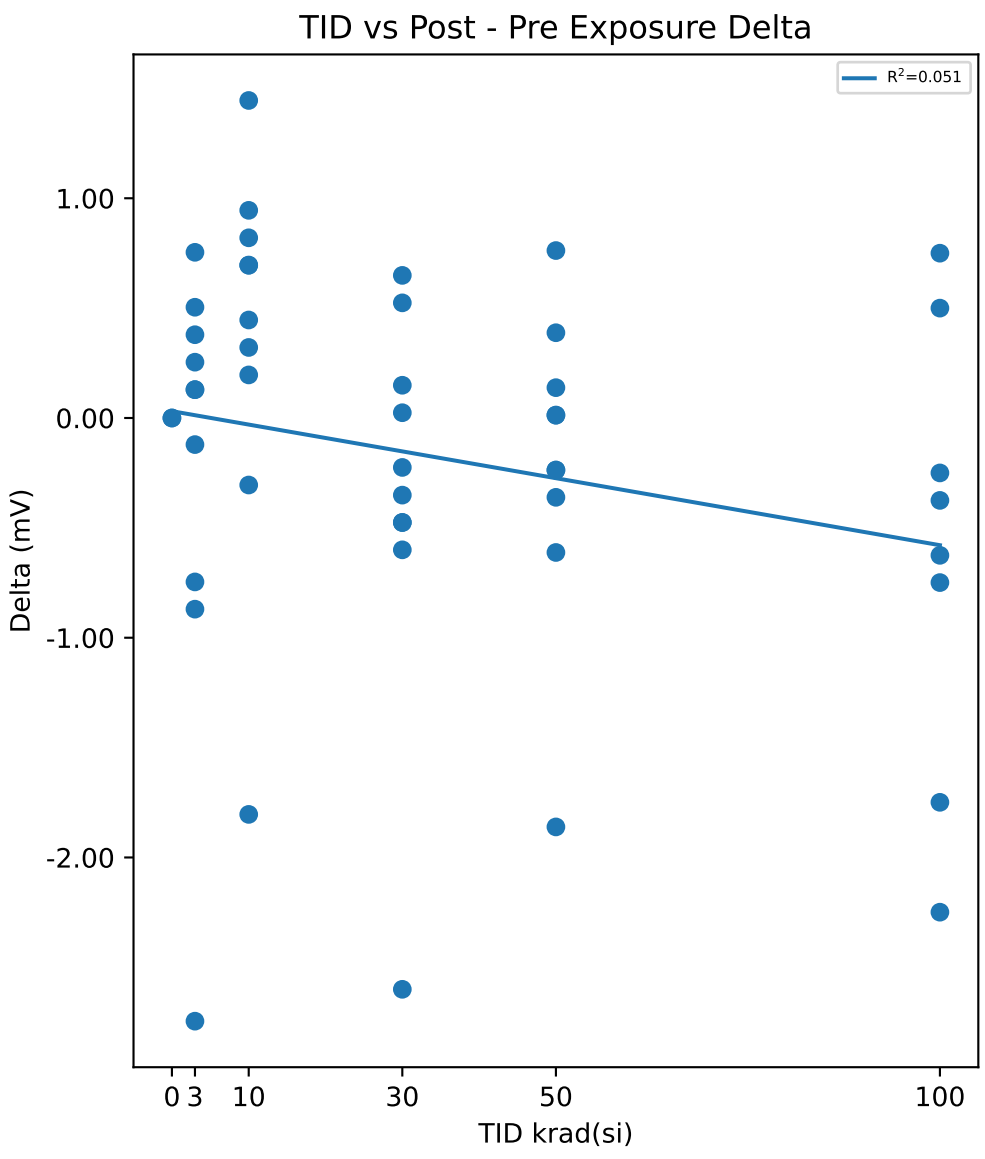
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.22	600.22	0
7	0	Correlation	600.34	600.34	0
16	3	LDR-Biased	599.84	600.59	0.754
18	3	LDR-Biased	600.59	600.09	-0.496
19	3	LDR-Biased	601.59	599.97	-1.62
20	3	LDR-Biased	600.71	599.47	-1.245
21	3	LDR-Biased	600.59	600.09	-0.496
22	3	LDR-Unbiased	600.09	599.72	-0.371
23	3	LDR-Unbiased	599.84	599.47	-0.37
25	3	LDR-Unbiased	599.96	600.97	1.004
26	3	LDR-Unbiased	600.71	599.72	-0.996
27	3	LDR-Unbiased	601.21	600.59	-0.621
46	10	LDR-Biased	599.84	600.03	0.195
48	10	LDR-Biased	600.59	600.78	0.194
49	10	LDR-Biased	601.59	600.41	-1.179
50	10	LDR-Biased	600.71	601.03	0.319
51	10	LDR-Biased	600.59	600.41	-0.18
52	10	LDR-Unbiased	600.09	599.91	-0.18
53	10	LDR-Unbiased	599.84	599.53	-0.305
55	10	LDR-Unbiased	599.96	600.78	0.819
56	10	LDR-Unbiased	600.71	601.03	0.319
57	10	LDR-Unbiased	601.21	601.16	-0.056
76	30	LDR-Biased	599.84	600.61	0.771
78	30	LDR-Biased	600.59	599.24	-1.352
79	30	LDR-Biased	601.59	600.11	-1.477
80	30	LDR-Biased	600.71	600.36	-0.353
81	30	LDR-Biased	600.59	599.49	-1.102
82	30	LDR-Unbiased	600.09	598.86	-1.227
83	30	LDR-Unbiased	599.84	599.86	0.022
84	30	LDR-Unbiased	601.21	599.61	-1.603
85	30	LDR-Unbiased	599.96	601.23	1.271
86	30	LDR-Unbiased	600.71	599.36	-1.352
87	100	LDR-Biased	600.71	600.59	-0.125
88	100	LDR-Biased	600.84	599.34	-1.5
90	100	LDR-Biased	600.21	599.59	-0.625
91	100	LDR-Unbiased	601.09	600.46	-0.625
93	100	LDR-Unbiased	599.59	600.71	1.125
94	100	LDR-Unbiased	600.84	600.21	-0.625
95	100	LDR-Unbiased	600.46	600.59	0.125
96	100	LDR-Unbiased	601.21	599.71	-1.5
106	50	LDR-Biased	599.84	600.6	0.762
108	50	LDR-Biased	600.59	598.85	-1.737
109	50	LDR-Biased	601.59	600.48	-1.112
110	50	LDR-Biased	600.71	600.1	-0.613
111	50	LDR-Biased	600.59	598.73	-1.862
112	50	LDR-Unbiased	600.09	599.6	-0.488
113	50	LDR-Unbiased	599.84	600.6	0.762
115	50	LDR-Unbiased	599.96	601.1	1.136
116	50	LDR-Unbiased	600.71	599.23	-1.487
117	50	LDR-Unbiased	601.21	599.73	-1.488

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.22	600.28	600.34	0.088388	600.22	600.28	600.34	0.088388	0	0	0	0
3	599.84	600.51	601.59	0.58964	599.47	600.07	600.97	0.50937	-1.62	-0.4457	1.004	0.81026
10	599.84	600.51	601.59	0.58964	599.53	600.51	601.16	0.54536	-1.179	-0.0054	0.819	0.52712
30	599.84	600.51	601.59	0.58964	598.86	599.87	601.23	0.71481	-1.603	-0.6402	1.271	1.02
50	599.84	600.51	601.59	0.58964	598.73	599.9	601.1	0.80566	-1.862	-0.6127	1.136	1.1283
100	599.59	600.62	601.21	0.52504	599.34	600.15	600.71	0.53033	-1.5	-0.46875	1.125	0.8628

Device Test: 13.6 VTH_SENSE2_FALLING/SENSE2/1.6/3/0/0/0/@VTH_SENSE





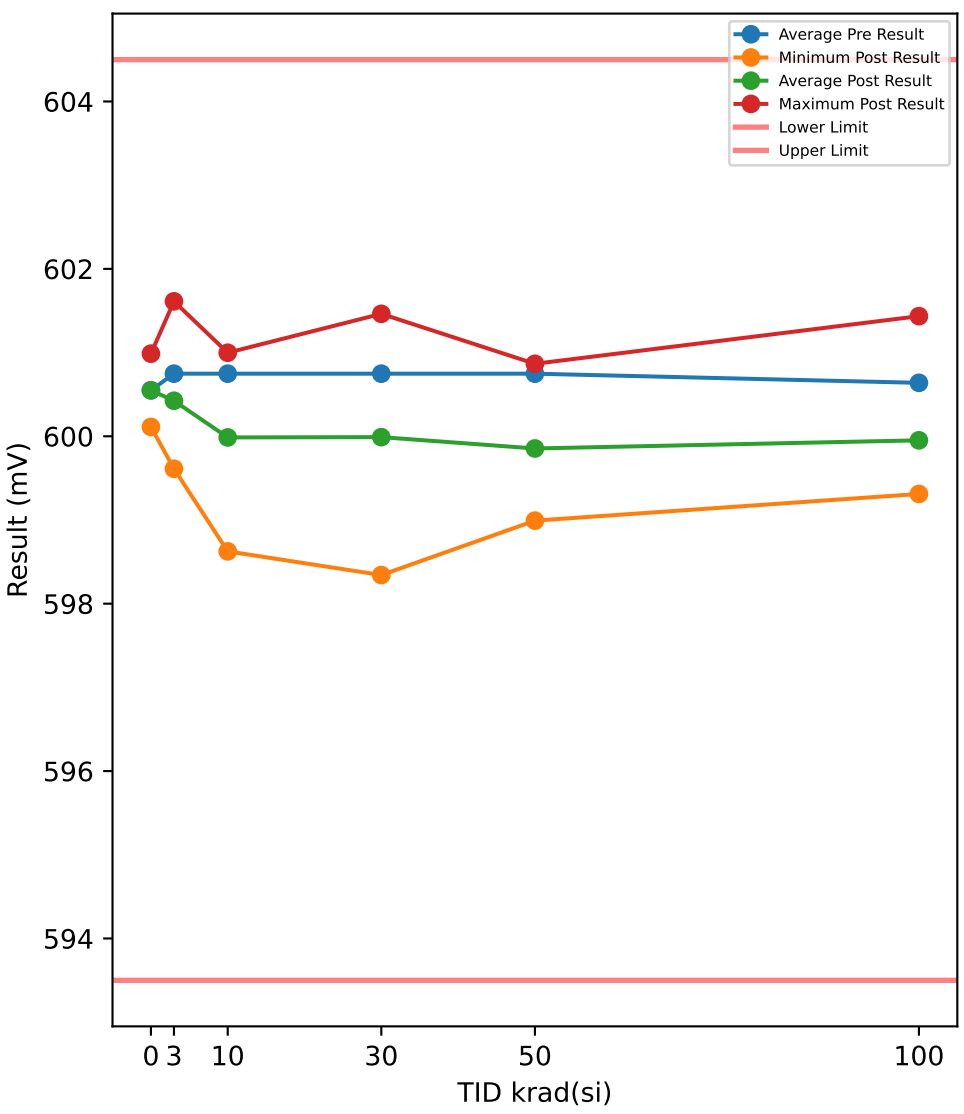
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	598.72	598.72	0
7	0	Correlation	599.47	599.47	0
16	3	LDR-Biased	599.47	599.84	0.379
18	3	LDR-Biased	599.09	598.22	-0.87
19	3	LDR-Biased	601.59	598.84	-2.745
20	3	LDR-Biased	598.97	599.09	0.129
21	3	LDR-Biased	598.59	599.34	0.754
22	3	LDR-Unbiased	598.59	599.09	0.504
23	3	LDR-Unbiased	599.22	599.34	0.129
25	3	LDR-Unbiased	598.97	599.22	0.254
26	3	LDR-Unbiased	598.72	598.59	-0.121
27	3	LDR-Unbiased	599.97	599.22	-0.746
46	10	LDR-Biased	599.47	600.28	0.82
48	10	LDR-Biased	599.09	599.29	0.196
49	10	LDR-Biased	601.59	599.78	-1.804
50	10	LDR-Biased	598.97	599.91	0.945
51	10	LDR-Biased	598.59	598.91	0.321
52	10	LDR-Unbiased	598.59	599.04	0.446
53	10	LDR-Unbiased	599.22	600.66	1.445
55	10	LDR-Unbiased	598.97	599.66	0.695
56	10	LDR-Unbiased	598.72	599.41	0.696
57	10	LDR-Unbiased	599.97	599.66	-0.305
76	30	LDR-Biased	599.47	598.99	-0.476
78	30	LDR-Biased	599.09	599.11	0.024
79	30	LDR-Biased	601.59	598.99	-2.6
80	30	LDR-Biased	598.97	599.11	0.149
81	30	LDR-Biased	598.59	599.11	0.524
82	30	LDR-Unbiased	598.59	598.37	-0.225
83	30	LDR-Unbiased	599.22	598.74	-0.475
84	30	LDR-Unbiased	599.97	599.61	-0.351
85	30	LDR-Unbiased	598.97	599.61	0.649
86	30	LDR-Unbiased	598.72	598.12	-0.6
87	100	LDR-Biased	599.34	598.72	-0.625
88	100	LDR-Biased	598.84	598.59	-0.25
90	100	LDR-Biased	598.59	597.84	-0.749
91	100	LDR-Unbiased	599.97	599.59	-0.375
93	100	LDR-Unbiased	598.97	599.72	0.75
94	100	LDR-Unbiased	599.72	597.47	-2.249
95	100	LDR-Unbiased	599.34	599.84	0.5
96	100	LDR-Unbiased	600.59	598.84	-1.749
106	50	LDR-Biased	599.47	599.48	0.013
108	50	LDR-Biased	599.09	598.85	-0.237
109	50	LDR-Biased	601.59	599.73	-1.861
110	50	LDR-Biased	598.97	598.73	-0.237
111	50	LDR-Biased	598.59	598.73	0.138
112	50	LDR-Unbiased	598.59	598.23	-0.361
113	50	LDR-Unbiased	599.22	599.98	0.762
115	50	LDR-Unbiased	598.97	599.35	0.388
116	50	LDR-Unbiased	598.72	598.73	0.013
117	50	LDR-Unbiased	599.97	599.35	-0.612

Test Statistics (mV)

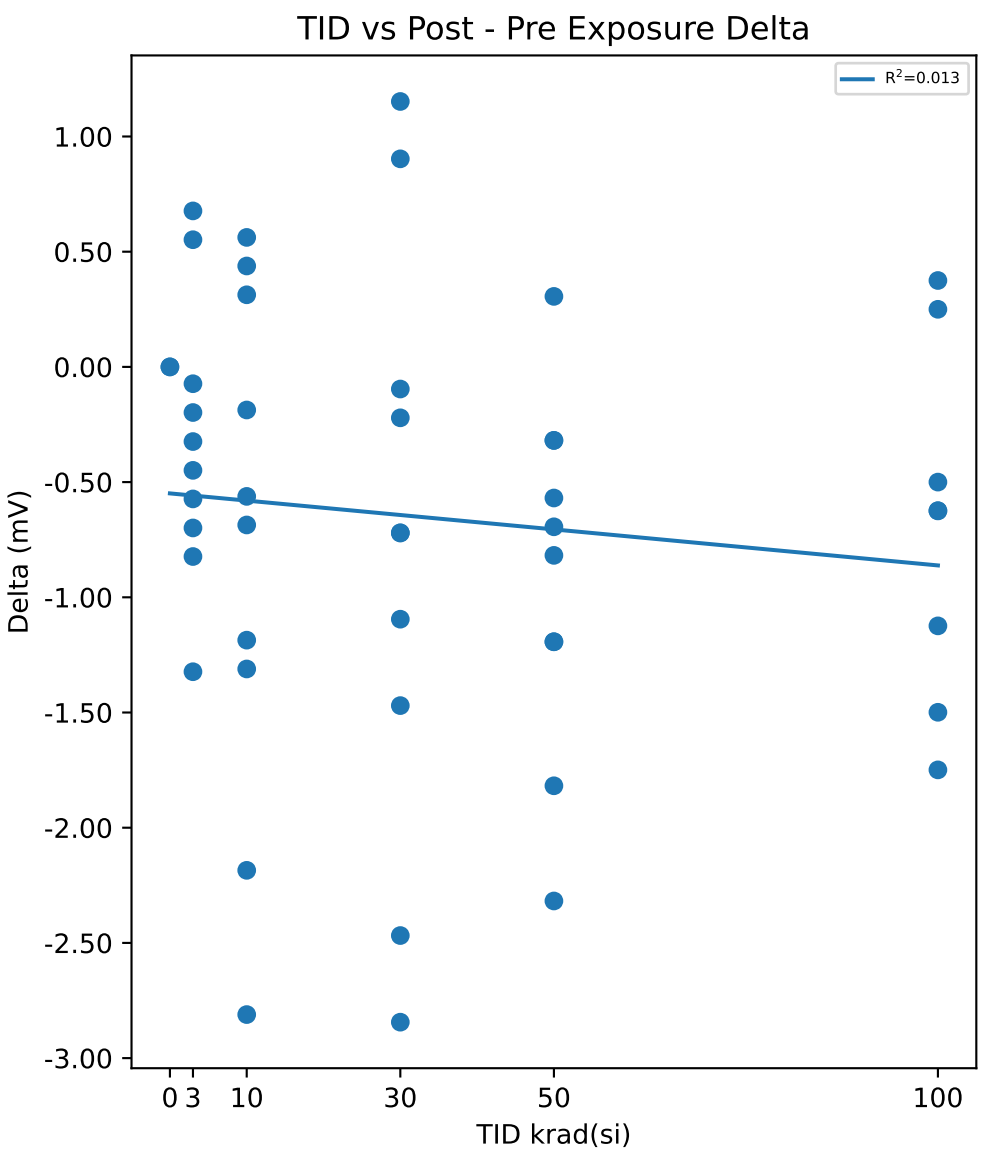
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.72	599.09	599.47	0.53033	598.72	599.09	599.47	0.53033	0	0	0	0
3	598.59	599.31	601.59	0.90265	598.22	599.08	599.84	0.44642	-2.745	-0.2333	0.754	1.021
10	598.59	599.31	601.59	0.90265	598.91	599.66	600.66	0.53965	-1.804	0.3455	1.445	0.88913
30	598.59	599.31	601.59	0.90265	598.12	598.98	599.61	0.47632	-2.6	-0.3381	0.649	0.90194
50	598.59	599.31	601.59	0.90265	598.23	599.12	599.98	0.54435	-1.861	-0.1994	0.762	0.70186
100	598.59	599.42	600.59	0.65418	597.47	598.82	599.84	0.86934	-2.249	-0.59338	0.75	1.0189

Device Test: 13.7 VTH_SENSE3_RISING/SENSE3/1.6/3/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

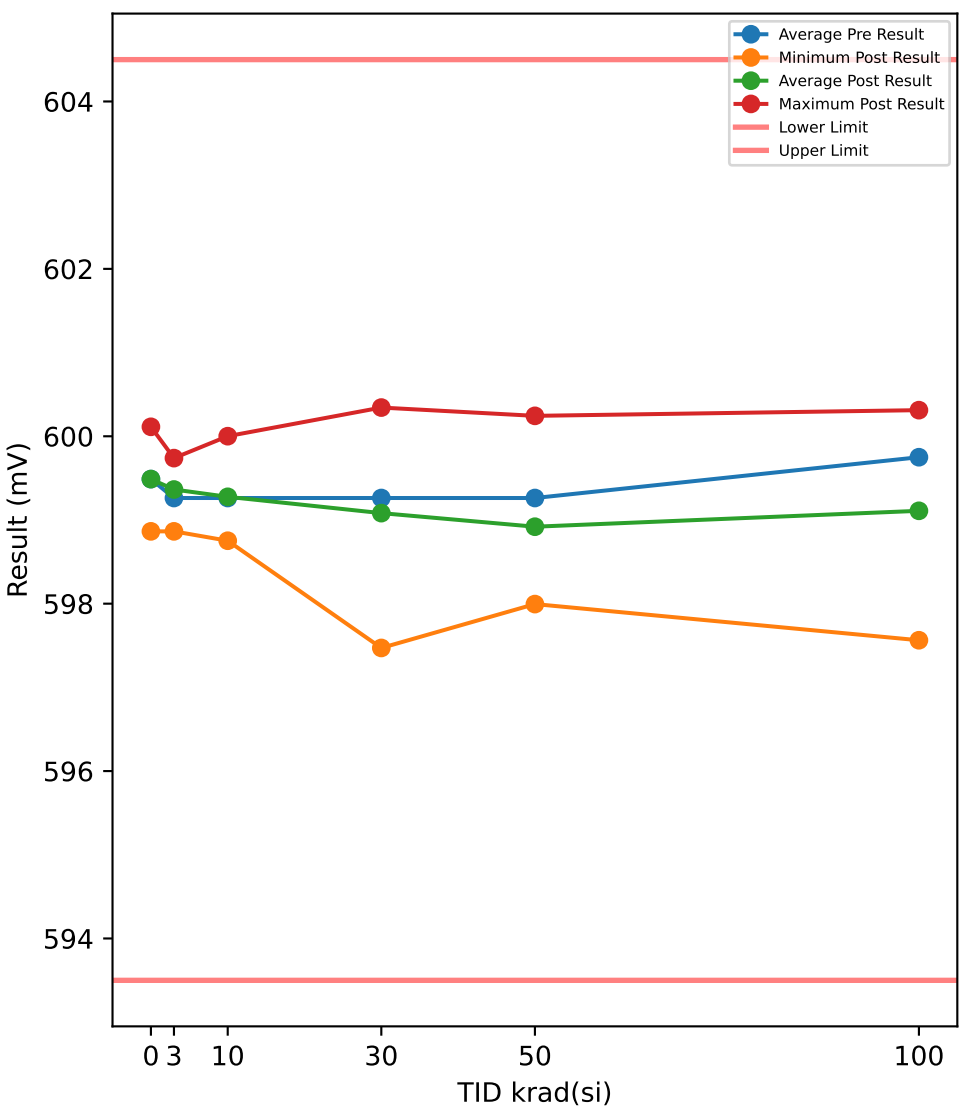
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.11	600.11	0
7	0	Correlation	600.99	600.99	0
16	3	LDR-Biased	601.18	601.11	-0.073
18	3	LDR-Biased	600.06	599.74	-0.324
19	3	LDR-Biased	600.93	601.61	0.677
20	3	LDR-Biased	600.81	599.99	-0.823
21	3	LDR-Biased	600.93	600.74	-0.198
22	3	LDR-Unbiased	600.56	599.99	-0.573
23	3	LDR-Unbiased	600.31	599.61	-0.699
25	3	LDR-Unbiased	600.56	601.11	0.552
26	3	LDR-Unbiased	600.31	599.86	-0.449
27	3	LDR-Unbiased	601.81	600.49	-1.323
46	10	LDR-Biased	601.18	599.87	-1.311
48	10	LDR-Biased	600.06	600.37	0.313
49	10	LDR-Biased	600.93	600.75	-0.187
50	10	LDR-Biased	600.81	598.62	-2.185
51	10	LDR-Biased	600.93	599.75	-1.186
52	10	LDR-Unbiased	600.56	599.87	-0.686
53	10	LDR-Unbiased	600.31	599.75	-0.562
55	10	LDR-Unbiased	600.56	601	0.438
56	10	LDR-Unbiased	600.31	600.87	0.562
57	10	LDR-Unbiased	601.81	599	-2.811
76	30	LDR-Biased	601.18	600.09	-1.095
78	30	LDR-Biased	600.06	599.97	-0.096
79	30	LDR-Biased	600.93	600.71	-0.221
80	30	LDR-Biased	600.81	598.34	-2.468
81	30	LDR-Biased	600.93	599.47	-1.47
82	30	LDR-Unbiased	600.56	599.84	-0.72
83	30	LDR-Unbiased	600.31	599.59	-0.721
84	30	LDR-Unbiased	601.81	598.97	-2.844
85	30	LDR-Unbiased	600.56	601.46	0.903
86	30	LDR-Unbiased	600.31	601.46	1.152
87	100	LDR-Biased	600.56	599.94	-0.624
88	100	LDR-Biased	601.06	599.31	-1.749
90	100	LDR-Biased	600.31	599.69	-0.625
91	100	LDR-Unbiased	599.94	600.19	0.25
93	100	LDR-Unbiased	601.06	601.43	0.375
94	100	LDR-Unbiased	601.06	599.56	-1.499
95	100	LDR-Unbiased	599.81	599.31	-0.5
96	100	LDR-Unbiased	601.31	600.19	-1.124
106	50	LDR-Biased	601.18	600.62	-0.569
108	50	LDR-Biased	600.06	599.74	-0.319
109	50	LDR-Biased	600.93	600.12	-0.818
110	50	LDR-Biased	600.81	598.99	-1.818
111	50	LDR-Biased	600.93	599.74	-1.193
112	50	LDR-Unbiased	600.56	599.37	-1.193
113	50	LDR-Unbiased	600.31	599.62	-0.694
115	50	LDR-Unbiased	600.56	600.87	0.306
116	50	LDR-Unbiased	600.31	599.99	-0.319
117	50	LDR-Unbiased	601.81	599.49	-2.318

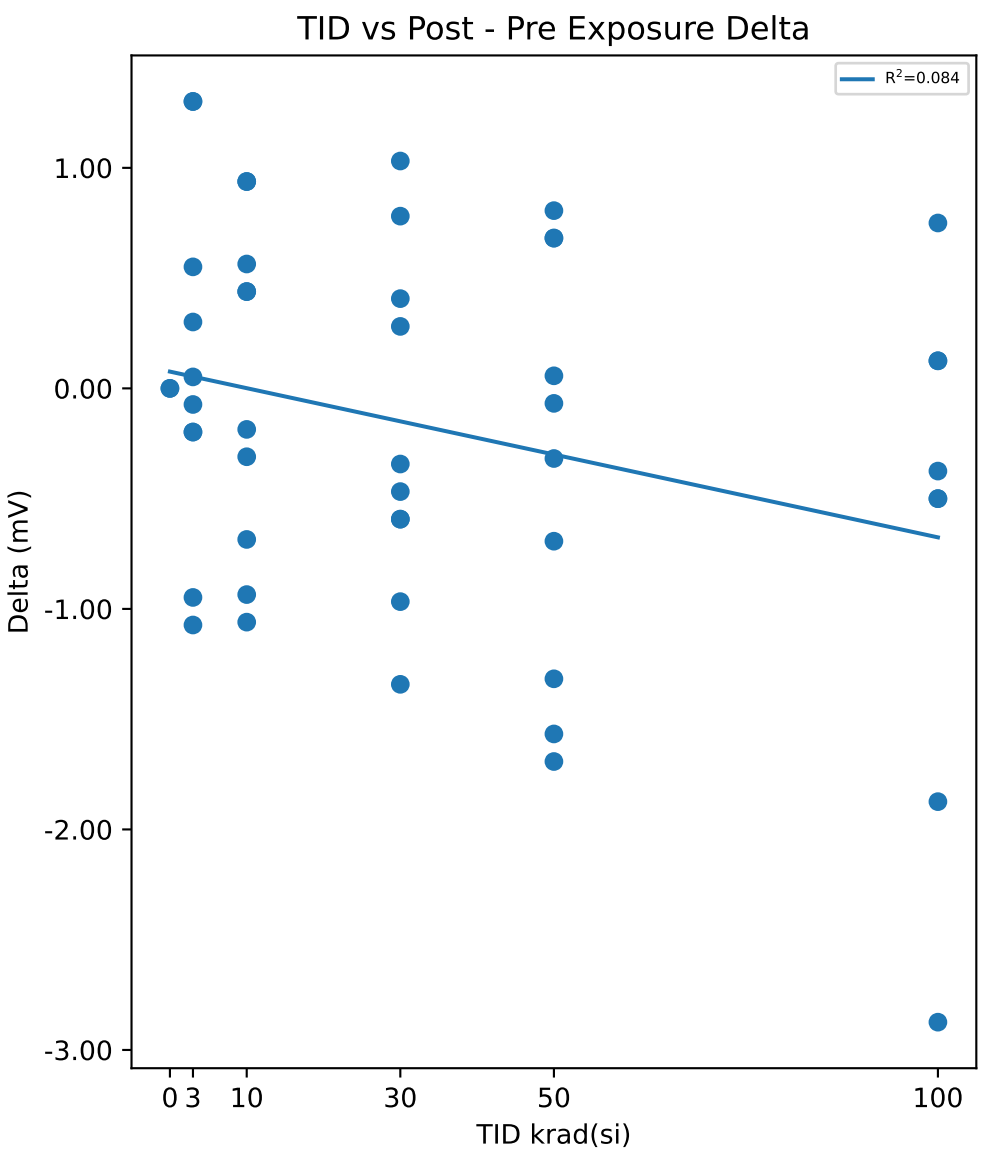


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	600.11	600.55	600.99	0.61872	600.11	600.55	600.99	0.61872	0	0	0	0
3	600.06	600.75	601.81	0.50741	599.61	600.42	601.61	0.69034	-1.323	-0.3233	0.677	0.60677
10	600.06	600.75	601.81	0.50741	598.62	599.99	601	0.78216	-2.811	-0.7615	0.562	1.1269
30	600.06	600.75	601.81	0.50741	598.34	599.99	601.46	1.0054	-2.844	-0.758	1.152	1.2924
50	600.06	600.75	601.81	0.50741	598.99	599.85	600.87	0.56623	-2.318	-0.8935	0.306	0.76833
100	599.81	600.64	601.31	0.57016	599.31	599.95	601.43	0.69225	-1.749	-0.687	0.375	0.75845

Device Test: 13.8 VTH_SENSE3_FALLING/SENSE3/1.6/3/0/0/0/@VTH_SENSE





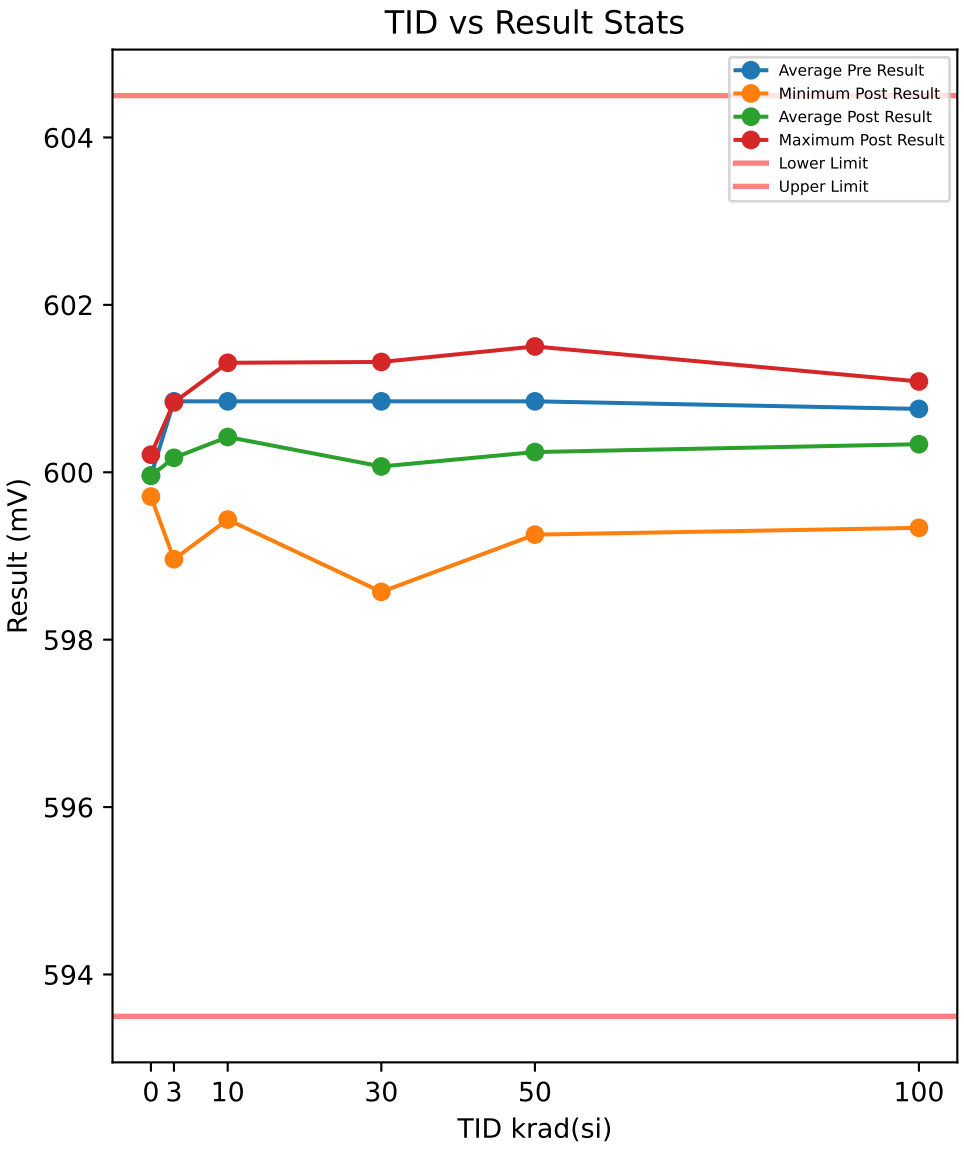
Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.11	600.11	0
7	0	Correlation	598.86	598.86	0
16	3	LDR-Biased	600.06	598.99	-1.073
18	3	LDR-Biased	598.56	598.86	0.301
19	3	LDR-Biased	599.56	599.49	-0.073
20	3	LDR-Biased	598.31	598.86	0.551
21	3	LDR-Biased	599.94	599.74	-0.198
22	3	LDR-Unbiased	598.44	599.74	1.301
23	3	LDR-Unbiased	598.44	599.74	1.301
25	3	LDR-Unbiased	599.56	599.61	0.052
26	3	LDR-Unbiased	599.81	599.61	-0.198
27	3	LDR-Unbiased	599.94	598.99	-0.948
46	10	LDR-Biased	600.06	599.13	-0.935
48	10	LDR-Biased	598.56	599.13	0.564
49	10	LDR-Biased	599.56	599.25	-0.31
50	10	LDR-Biased	598.31	598.75	0.439
51	10	LDR-Biased	599.94	598.88	-1.06
52	10	LDR-Unbiased	598.44	599.38	0.938
53	10	LDR-Unbiased	598.44	599.38	0.938
55	10	LDR-Unbiased	599.56	600	0.439
56	10	LDR-Unbiased	599.81	599.63	-0.186
57	10	LDR-Unbiased	599.94	599.25	-0.685
76	30	LDR-Biased	600.06	599.47	-0.593
78	30	LDR-Biased	598.56	598.84	0.281
79	30	LDR-Biased	599.56	598.97	-0.593
80	30	LDR-Biased	598.31	598.72	0.407
81	30	LDR-Biased	599.94	599.47	-0.468
82	30	LDR-Unbiased	598.44	597.47	-0.967
83	30	LDR-Unbiased	598.44	599.47	1.031
84	30	LDR-Unbiased	599.94	598.6	-1.342
85	30	LDR-Unbiased	599.56	600.34	0.781
86	30	LDR-Unbiased	599.81	599.47	-0.343
87	100	LDR-Biased	599.44	599.56	0.125
88	100	LDR-Biased	600.31	598.44	-1.874
90	100	LDR-Biased	599.19	598.69	-0.5
91	100	LDR-Unbiased	599.56	600.31	0.75
93	100	LDR-Unbiased	599.81	599.94	0.125
94	100	LDR-Unbiased	600.44	597.56	-2.874
95	100	LDR-Unbiased	599.06	598.69	-0.375
96	100	LDR-Unbiased	600.19	599.69	-0.5
106	50	LDR-Biased	600.06	598.5	-1.567
108	50	LDR-Biased	598.56	599.24	0.681
109	50	LDR-Biased	599.56	600.24	0.682
110	50	LDR-Biased	598.31	598	-0.318
111	50	LDR-Biased	599.94	599.24	-0.693
112	50	LDR-Unbiased	598.44	598.37	-0.068
113	50	LDR-Unbiased	598.44	599.24	0.806
115	50	LDR-Unbiased	599.56	599.62	0.057
116	50	LDR-Unbiased	599.81	598.12	-1.692
117	50	LDR-Unbiased	599.94	598.62	-1.317

Test Statistics (mV)

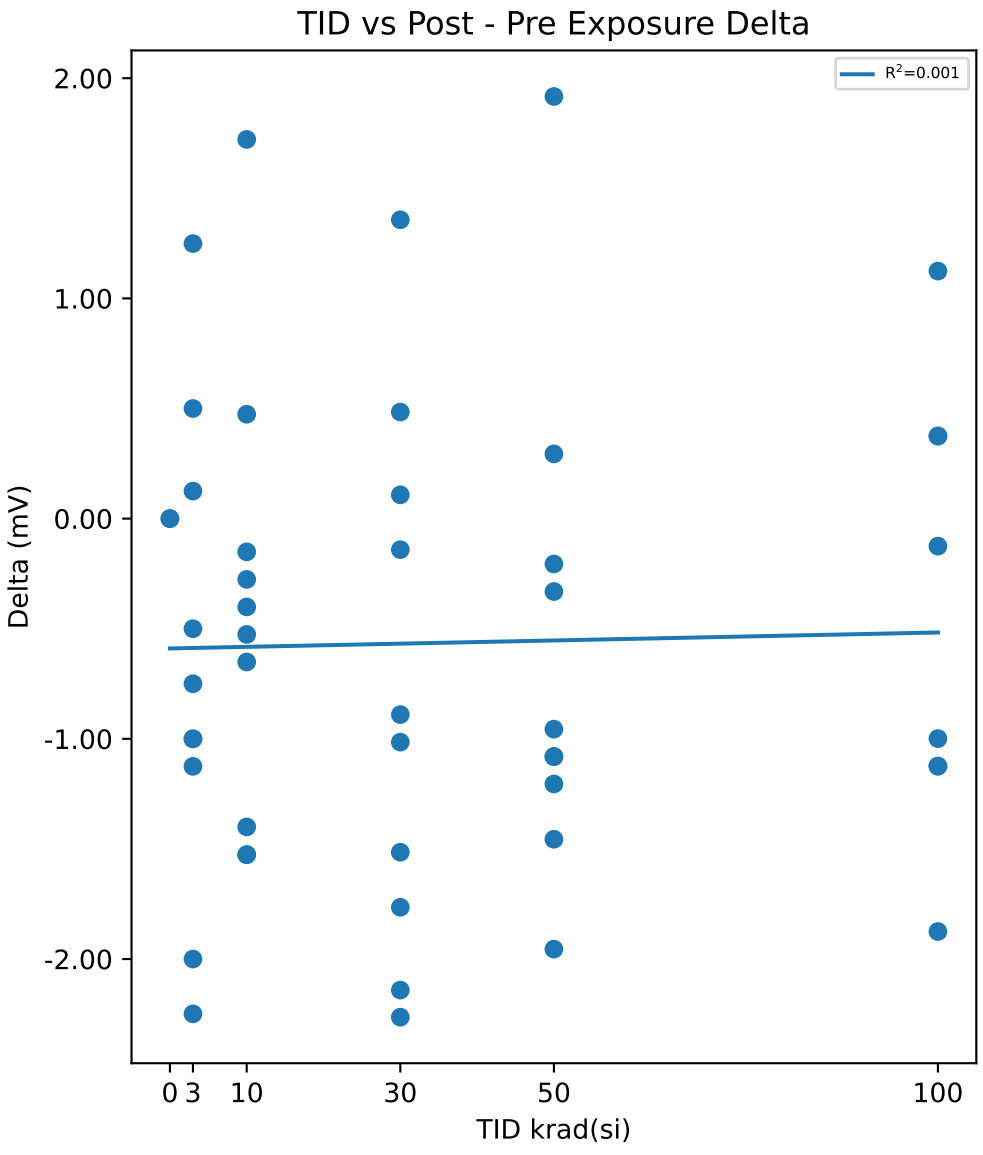
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	598.86	599.49	600.11	0.88318	598.86	599.49	600.11	0.88318	0	0	0	0
3	598.31	599.26	600.06	0.72884	598.86	599.36	599.74	0.3864	-1.073	0.1016	1.301	0.80365
10	598.31	599.26	600.06	0.72884	598.75	599.28	600	0.35706	-1.06	0.0142	0.938	0.74974
30	598.31	599.26	600.06	0.72884	597.47	599.08	600.34	0.76173	-1.342	-0.1806	1.031	0.77225
50	598.31	599.26	600.06	0.72884	598	598.92	600.24	0.71688	-1.692	-0.3429	0.806	0.94545
100	599.06	599.75	600.44	0.5215	597.56	599.11	600.31	0.9155	-2.874	-0.64038	0.75	1.1787

Device Test: 13.9 VTH_SENSE4_RISING/SENSE4/1.6/3/0/0/0/@VTH_SENSE



Test Results (Lower Limit = 593.5, Upper Limit = 604.5 (mV))

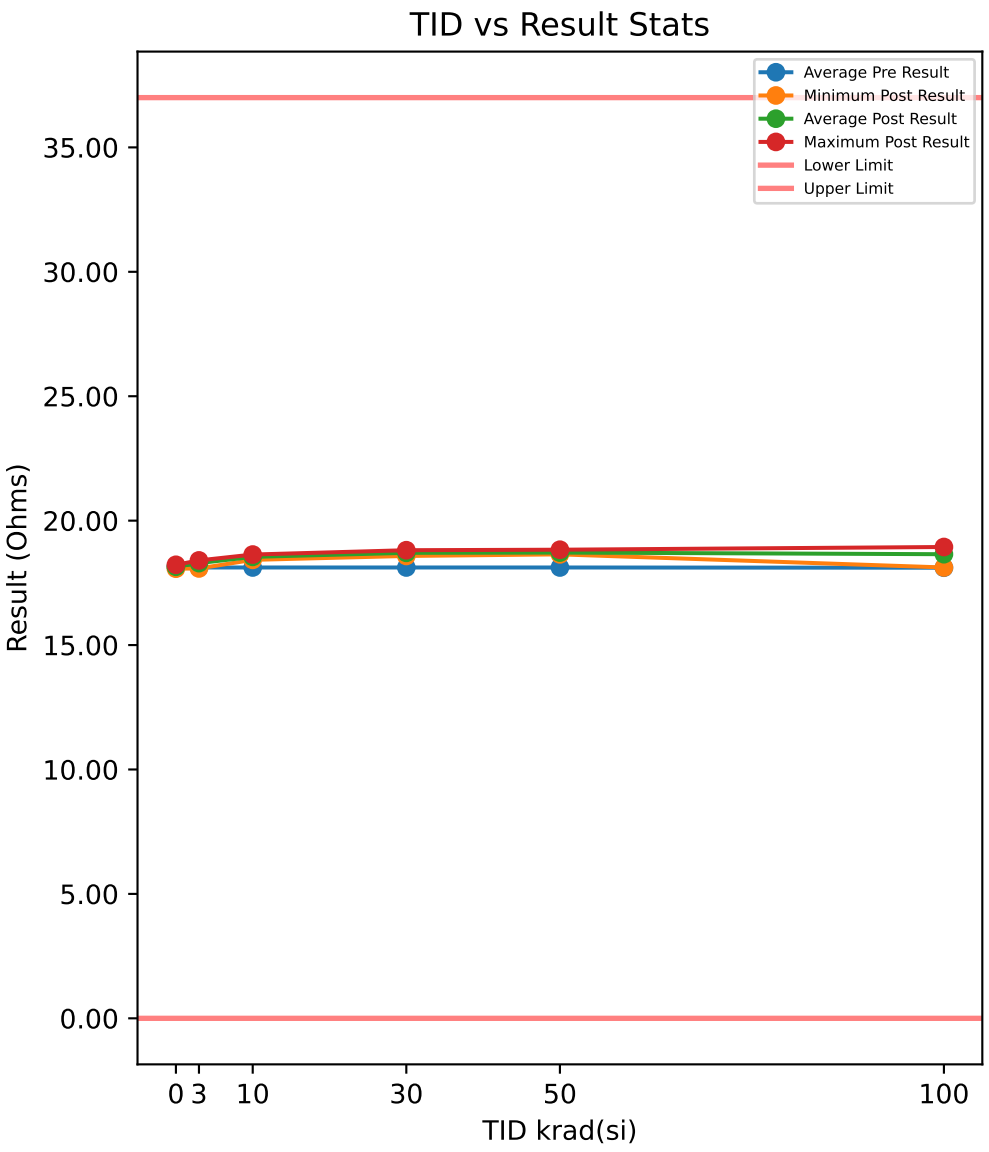
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	600.21	600.21	0
7	0	Correlation	599.71	599.71	0
16	3	LDR-Biased	601.21	600.46	-0.75
18	3	LDR-Biased	601.59	600.59	-1
19	3	LDR-Biased	602.21	600.21	-2
20	3	LDR-Biased	600.21	600.71	0.5
21	3	LDR-Biased	600.34	600.46	0.125
22	3	LDR-Unbiased	600.71	600.21	-0.5
23	3	LDR-Unbiased	601.21	598.96	-2.249
25	3	LDR-Unbiased	599.59	600.84	1.249
26	3	LDR-Unbiased	600.59	599.59	-1
27	3	LDR-Unbiased	600.84	599.71	-1.125
46	10	LDR-Biased	601.21	600.68	-0.526
48	10	LDR-Biased	601.59	600.93	-0.651
49	10	LDR-Biased	602.21	600.68	-1.526
50	10	LDR-Biased	600.21	600.68	0.474
51	10	LDR-Biased	600.34	600.18	-0.151
52	10	LDR-Unbiased	600.71	600.43	-0.276
53	10	LDR-Unbiased	601.21	599.68	-1.526
55	10	LDR-Unbiased	599.59	601.31	1.722
56	10	LDR-Unbiased	600.59	600.18	-0.401
57	10	LDR-Unbiased	600.84	599.43	-1.4
76	30	LDR-Biased	601.21	601.32	0.108
78	30	LDR-Biased	601.59	599.82	-1.765
79	30	LDR-Biased	602.21	600.07	-2.141
80	30	LDR-Biased	600.21	600.69	0.484
81	30	LDR-Biased	600.34	600.19	-0.141
82	30	LDR-Unbiased	600.71	599.7	-1.015
83	30	LDR-Unbiased	601.21	599.7	-1.515
84	30	LDR-Unbiased	600.84	598.57	-2.264
85	30	LDR-Unbiased	599.59	600.94	1.357
86	30	LDR-Unbiased	600.59	599.7	-0.89
87	100	LDR-Biased	600.96	599.84	-1.124
88	100	LDR-Biased	600.96	599.96	-0.999
90	100	LDR-Biased	600.46	600.34	-0.125
91	100	LDR-Unbiased	600.71	601.09	0.375
93	100	LDR-Unbiased	600.46	600.84	0.375
94	100	LDR-Unbiased	600.46	599.34	-1.124
95	100	LDR-Unbiased	599.84	600.96	1.124
96	100	LDR-Unbiased	602.21	600.34	-1.875
106	50	LDR-Biased	601.21	600.25	-0.956
108	50	LDR-Biased	601.59	600.13	-1.456
109	50	LDR-Biased	602.21	601.13	-1.081
110	50	LDR-Biased	600.21	600.5	0.294
111	50	LDR-Biased	600.34	600	-0.331
112	50	LDR-Unbiased	600.71	600.5	-0.206
113	50	LDR-Unbiased	601.21	599.25	-1.955
115	50	LDR-Unbiased	599.59	601.5	1.917
116	50	LDR-Unbiased	600.59	599.5	-1.08
117	50	LDR-Unbiased	600.84	599.63	-1.205



Test Statistics (mV)

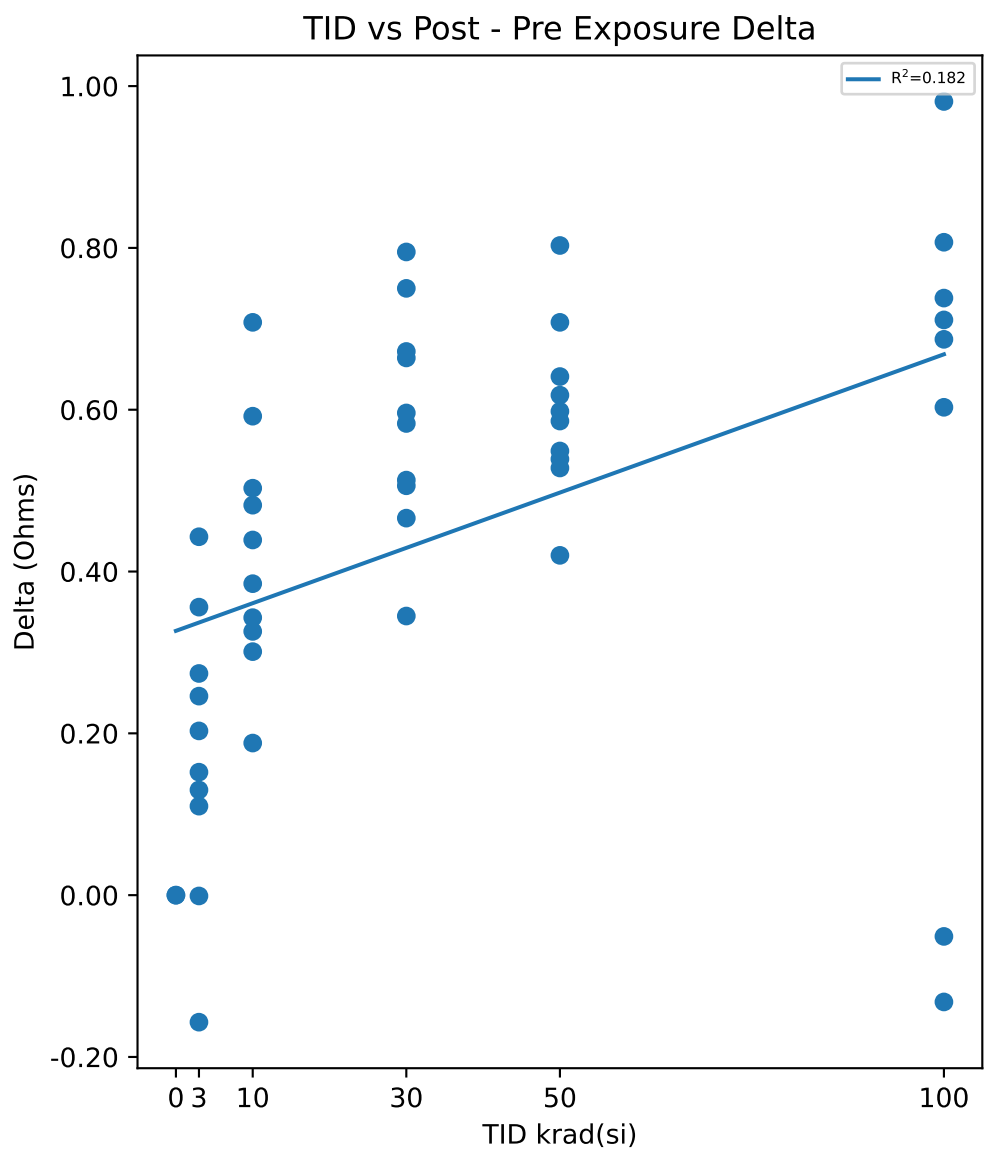
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	599.71	599.96	600.21	0.35355	599.71	599.96	600.21	0.35355	0	0	0	0
3	599.59	600.85	602.21	0.74622	598.96	600.17	600.84	0.58622	-2.249	-0.675	1.249	1.0753
10	599.59	600.85	602.21	0.74622	599.43	600.42	601.31	0.56621	-1.526	-0.4261	1.722	0.99733
30	599.59	600.85	602.21	0.74622	598.57	600.07	601.32	0.77859	-2.264	-0.7782	1.357	1.2016
50	599.59	600.85	602.21	0.74622	599.25	600.24	601.5	0.70519	-1.955	-0.6059	1.917	1.0998
100	599.84	600.76	602.21	0.68751	599.34	600.34	601.09	0.60828	-1.875	-0.42163	1.124	1.0127

Device Test: 18.0 Res_PU_EN1/EN1/1.6/3/0/0/2/@EN_RPMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

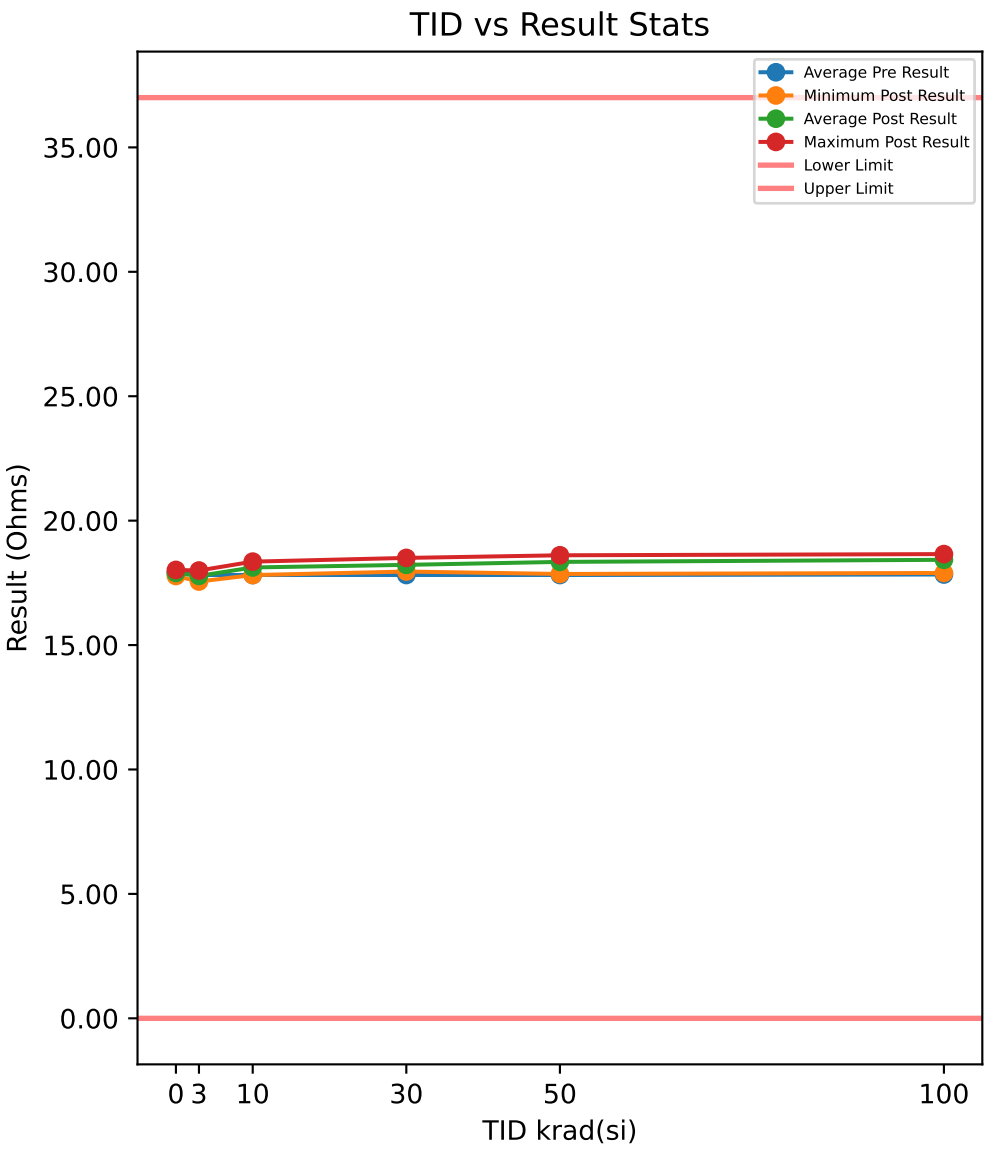
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	18.226	18.226	0
7	0	Correlation	18.069	18.069	0
16	3	LDR-Biased	18.046	18.402	0.356
18	3	LDR-Biased	18.216	18.368	0.152
19	3	LDR-Biased	18.027	18.301	0.274
20	3	LDR-Biased	18.156	18.359	0.203
21	3	LDR-Biased	17.85	18.293	0.443
22	3	LDR-Unbiased	18.236	18.079	-0.157
23	3	LDR-Unbiased	18.036	18.282	0.246
25	3	LDR-Unbiased	18.173	18.172	-0.001
26	3	LDR-Unbiased	18.246	18.356	0.11
27	3	LDR-Unbiased	18.19	18.32	0.13
46	10	LDR-Biased	18.046	18.638	0.592
48	10	LDR-Biased	18.216	18.601	0.385
49	10	LDR-Biased	18.027	18.53	0.503
50	10	LDR-Biased	18.156	18.595	0.439
51	10	LDR-Biased	17.85	18.558	0.708
52	10	LDR-Unbiased	18.236	18.424	0.188
53	10	LDR-Unbiased	18.036	18.518	0.482
55	10	LDR-Unbiased	18.173	18.474	0.301
56	10	LDR-Unbiased	18.246	18.572	0.326
57	10	LDR-Unbiased	18.19	18.533	0.343
76	30	LDR-Biased	18.046	18.796	0.75
78	30	LDR-Biased	18.216	18.812	0.596
79	30	LDR-Biased	18.027	18.699	0.672
80	30	LDR-Biased	18.156	18.739	0.583
81	30	LDR-Biased	17.85	18.645	0.795
82	30	LDR-Unbiased	18.236	18.581	0.345
83	30	LDR-Unbiased	18.036	18.7	0.664
84	30	LDR-Unbiased	18.19	18.703	0.513
85	30	LDR-Unbiased	18.173	18.639	0.466
86	30	LDR-Unbiased	18.246	18.752	0.506
87	100	LDR-Biased	17.945	18.752	0.807
88	100	LDR-Biased	18.169	18.118	-0.051
90	100	LDR-Biased	18.262	18.13	-0.132
91	100	LDR-Unbiased	18.234	18.837	0.603
93	100	LDR-Unbiased	17.859	18.84	0.981
94	100	LDR-Unbiased	18.114	18.825	0.711
95	100	LDR-Unbiased	18.08	18.767	0.687
96	100	LDR-Unbiased	18.203	18.941	0.738
106	50	LDR-Biased	18.046	18.687	0.641
108	50	LDR-Biased	18.216	18.755	0.539
109	50	LDR-Biased	18.027	18.645	0.618
110	50	LDR-Biased	18.156	18.705	0.549
111	50	LDR-Biased	17.85	18.653	0.803
112	50	LDR-Unbiased	18.236	18.656	0.42
113	50	LDR-Unbiased	18.036	18.744	0.708
115	50	LDR-Unbiased	18.173	18.701	0.528
116	50	LDR-Unbiased	18.246	18.832	0.586
117	50	LDR-Unbiased	18.19	18.788	0.598

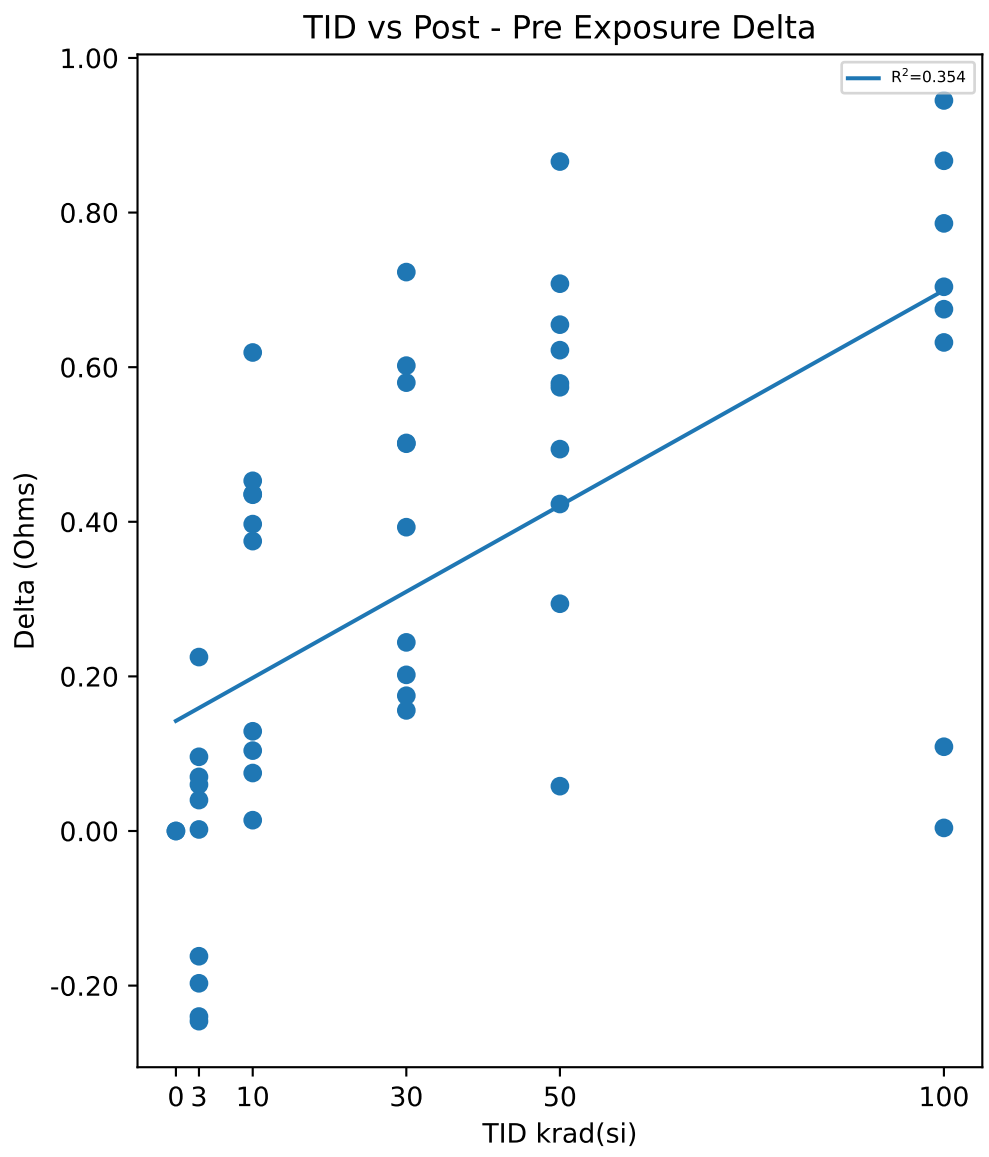


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.069	18.148	18.226	0.11102	18.069	18.148	18.226	0.11102	0	0	0	0
3	17.85	18.118	18.246	0.12542	18.079	18.293	18.402	0.098422	-0.157	0.1756	0.443	0.17262
10	17.85	18.118	18.246	0.12542	18.424	18.544	18.638	0.063209	0.188	0.4267	0.708	0.15171
30	17.85	18.118	18.246	0.12542	18.581	18.707	18.812	0.071854	0.345	0.589	0.795	0.13674
50	17.85	18.118	18.246	0.12542	18.645	18.717	18.832	0.062127	0.42	0.599	0.803	0.10487
100	17.859	18.108	18.262	0.14229	18.118	18.651	18.941	0.33034	-0.132	0.543	0.981	0.40718

Device Test: 18.1 Res_PU_EN2/EN2/1.6/3/0/0/2/@EN_RPMOS_LOW_V





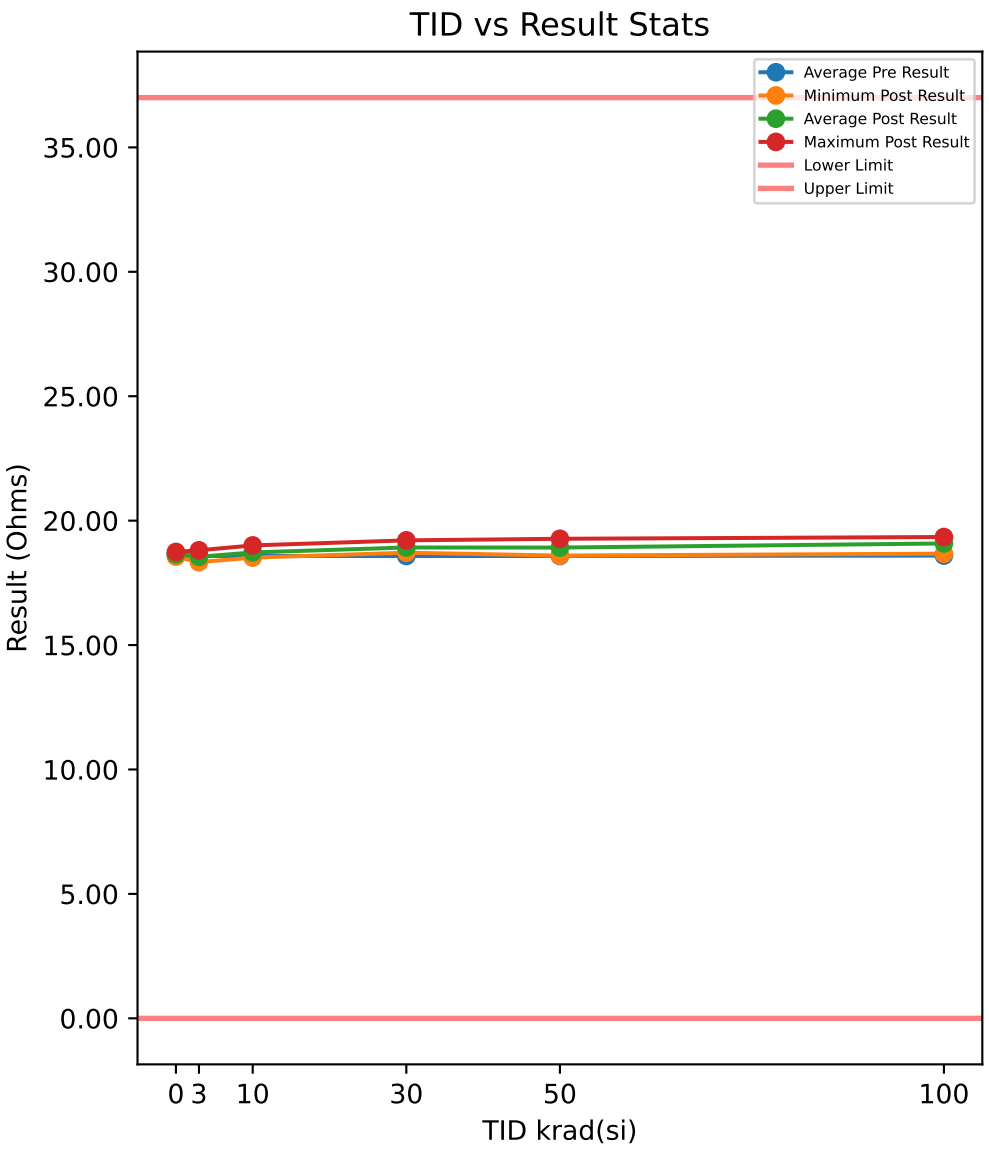
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

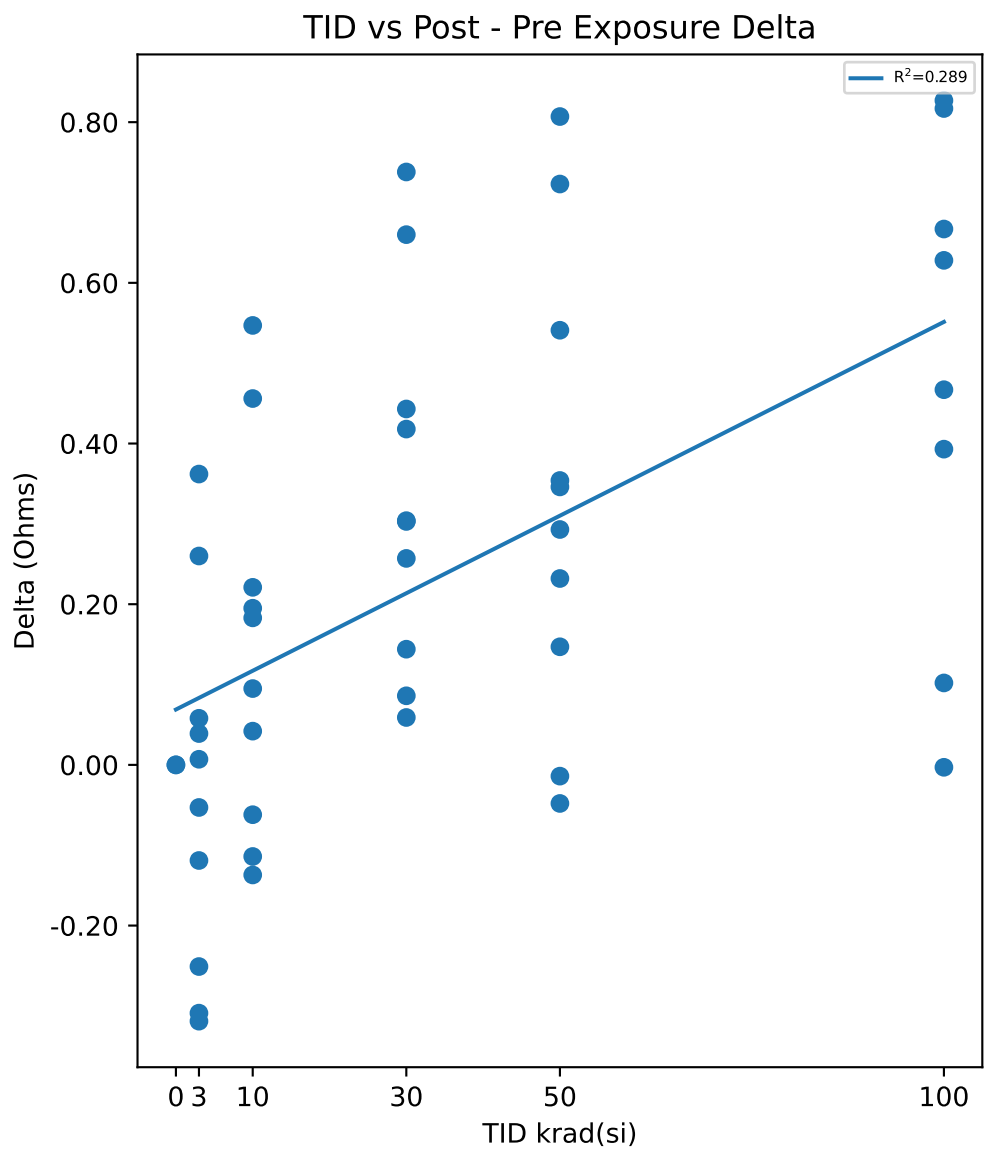
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	18.02	18.02	0
7	0	Correlation	17.775	17.775	0
16	3	LDR-Biased	17.799	17.553	-0.246
18	3	LDR-Biased	17.757	17.797	0.04
19	3	LDR-Biased	17.761	17.821	0.06
20	3	LDR-Biased	17.851	17.654	-0.197
21	3	LDR-Biased	17.697	17.767	0.07
22	3	LDR-Unbiased	18.007	17.767	-0.24
23	3	LDR-Unbiased	17.618	17.843	0.225
25	3	LDR-Unbiased	17.848	17.85	0.002
26	3	LDR-Unbiased	17.9	17.996	0.096
27	3	LDR-Unbiased	17.915	17.753	-0.162
46	10	LDR-Biased	17.799	17.813	0.014
48	10	LDR-Biased	17.757	18.154	0.397
49	10	LDR-Biased	17.761	18.196	0.435
50	10	LDR-Biased	17.851	17.926	0.075
51	10	LDR-Biased	17.697	18.133	0.436
52	10	LDR-Unbiased	18.007	18.111	0.104
53	10	LDR-Unbiased	17.618	18.237	0.619
55	10	LDR-Unbiased	17.848	18.223	0.375
56	10	LDR-Unbiased	17.9	18.353	0.453
57	10	LDR-Unbiased	17.915	18.044	0.129
76	30	LDR-Biased	17.799	17.955	0.156
78	30	LDR-Biased	17.757	18.337	0.58
79	30	LDR-Biased	17.761	18.263	0.502
80	30	LDR-Biased	17.851	18.026	0.175
81	30	LDR-Biased	17.697	18.09	0.393
82	30	LDR-Unbiased	18.007	18.209	0.202
83	30	LDR-Unbiased	17.618	18.341	0.723
84	30	LDR-Unbiased	17.915	18.159	0.244
85	30	LDR-Unbiased	17.848	18.349	0.501
86	30	LDR-Unbiased	17.9	18.502	0.602
87	100	LDR-Biased	17.757	18.624	0.867
88	100	LDR-Biased	17.894	17.898	0.004
90	100	LDR-Biased	17.802	17.911	0.109
91	100	LDR-Unbiased	17.981	18.656	0.675
93	100	LDR-Unbiased	17.711	18.656	0.945
94	100	LDR-Unbiased	17.832	18.464	0.632
95	100	LDR-Unbiased	17.777	18.563	0.786
96	100	LDR-Unbiased	17.93	18.634	0.704
106	50	LDR-Biased	17.799	17.857	0.058
108	50	LDR-Biased	17.757	18.379	0.622
109	50	LDR-Biased	17.761	18.335	0.574
110	50	LDR-Biased	17.851	18.145	0.294
111	50	LDR-Biased	17.697	18.276	0.579
112	50	LDR-Unbiased	18.007	18.43	0.423
113	50	LDR-Unbiased	17.618	18.484	0.866
115	50	LDR-Unbiased	17.848	18.503	0.655
116	50	LDR-Unbiased	17.9	18.608	0.708
117	50	LDR-Unbiased	17.915	18.409	0.494

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.775	17.898	18.02	0.17324	17.775	17.898	18.02	0.17324	0	0	0	0
3	17.618	17.815	18.007	0.1134	17.553	17.78	17.996	0.11831	-0.246	-0.0352	0.225	0.16355
10	17.618	17.815	18.007	0.1134	17.813	18.119	18.353	0.15756	0.014	0.3037	0.619	0.20463
30	17.618	17.815	18.007	0.1134	17.955	18.223	18.502	0.16828	0.156	0.4078	0.723	0.20311
50	17.618	17.815	18.007	0.1134	17.857	18.343	18.608	0.21315	0.058	0.5273	0.866	0.2271
100	17.711	17.835	17.981	0.092383	17.898	18.426	18.656	0.32787	0.004	0.59025	0.945	0.34598

Device Test: 18.10 Res_PU_PWRDG/PWRGD/1.6/14/0/0/2/@PWRGD_RPMOS_LOW_V





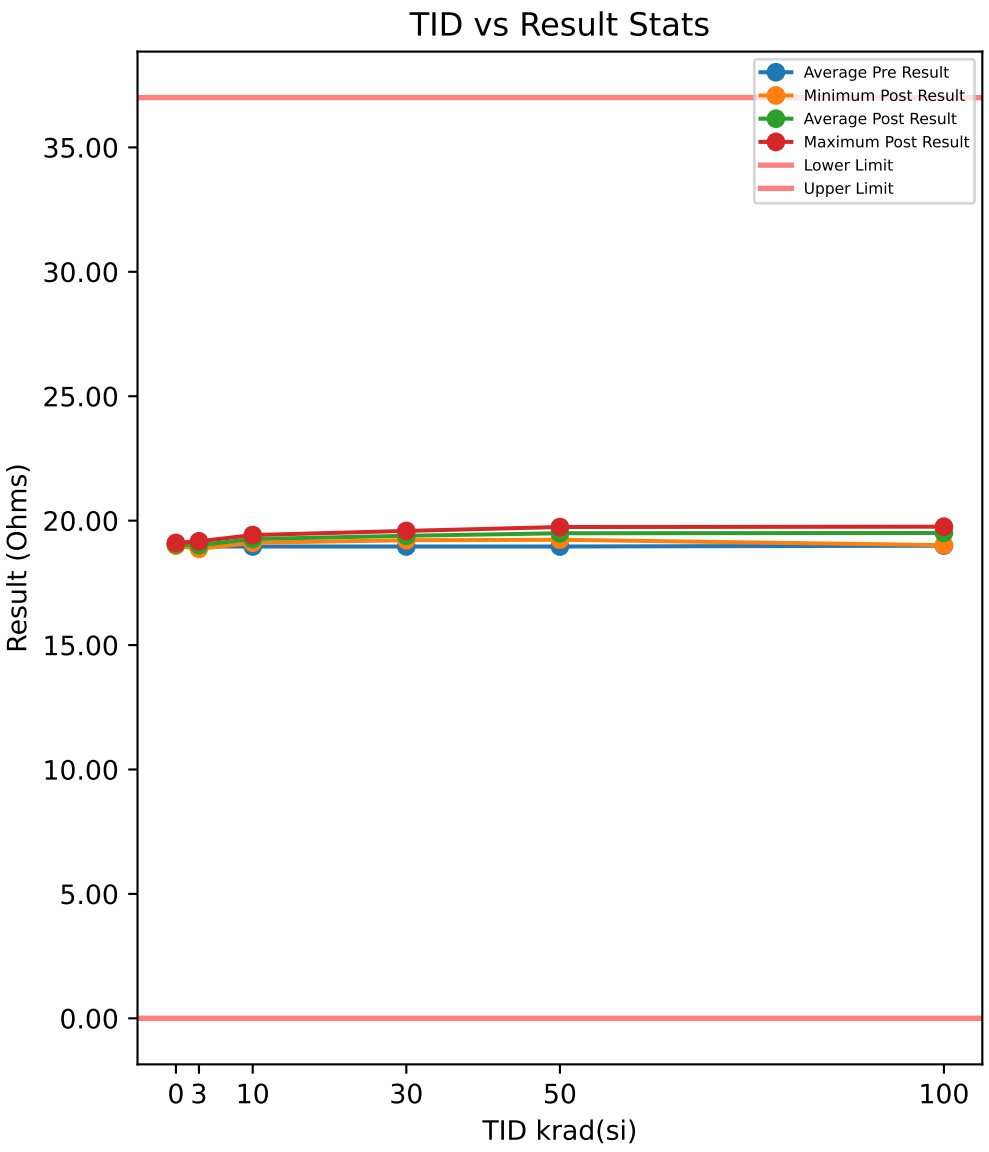
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

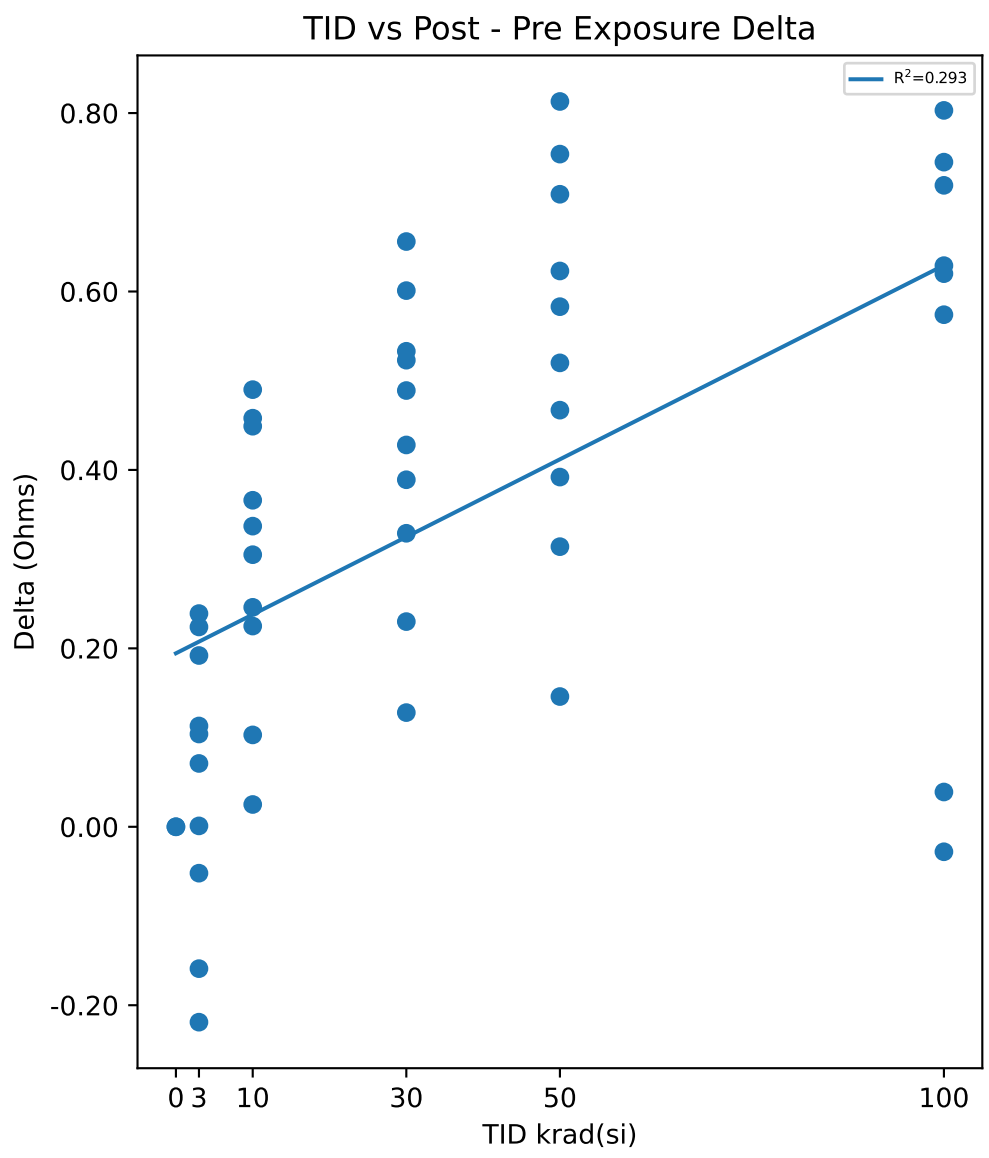
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	18.743	18.743	0
7	0	Correlation	18.555	18.555	0
16	3	LDR-Biased	18.61	18.359	-0.251
18	3	LDR-Biased	18.537	18.576	0.039
19	3	LDR-Biased	18.62	18.567	-0.053
20	3	LDR-Biased	18.652	18.333	-0.319
21	3	LDR-Biased	18.497	18.504	0.007
22	3	LDR-Unbiased	18.729	18.42	-0.309
23	3	LDR-Unbiased	18.328	18.69	0.362
25	3	LDR-Unbiased	18.548	18.808	0.26
26	3	LDR-Unbiased	18.6	18.658	0.058
27	3	LDR-Unbiased	18.678	18.559	-0.119
46	10	LDR-Biased	18.61	18.548	-0.062
48	10	LDR-Biased	18.537	18.732	0.195
49	10	LDR-Biased	18.62	18.715	0.095
50	10	LDR-Biased	18.652	18.515	-0.137
51	10	LDR-Biased	18.497	18.68	0.183
52	10	LDR-Unbiased	18.729	18.615	-0.114
53	10	LDR-Unbiased	18.328	18.875	0.547
55	10	LDR-Unbiased	18.548	19.004	0.456
56	10	LDR-Unbiased	18.6	18.821	0.221
57	10	LDR-Unbiased	18.678	18.72	0.042
76	30	LDR-Biased	18.61	18.754	0.144
78	30	LDR-Biased	18.537	18.955	0.418
79	30	LDR-Biased	18.62	18.924	0.304
80	30	LDR-Biased	18.652	18.711	0.059
81	30	LDR-Biased	18.497	18.8	0.303
82	30	LDR-Unbiased	18.729	18.815	0.086
83	30	LDR-Unbiased	18.328	19.066	0.738
84	30	LDR-Unbiased	18.678	18.935	0.257
85	30	LDR-Unbiased	18.548	19.208	0.66
86	30	LDR-Unbiased	18.6	19.043	0.443
87	100	LDR-Biased	18.498	19.325	0.827
88	100	LDR-Biased	18.676	18.673	-0.003
90	100	LDR-Biased	18.58	18.682	0.102
91	100	LDR-Unbiased	18.714	19.342	0.628
93	100	LDR-Unbiased	18.505	19.322	0.817
94	100	LDR-Unbiased	18.637	19.03	0.393
95	100	LDR-Unbiased	18.493	19.16	0.667
96	100	LDR-Unbiased	18.667	19.134	0.467
106	50	LDR-Biased	18.61	18.596	-0.014
108	50	LDR-Biased	18.537	18.891	0.354
109	50	LDR-Biased	18.62	18.852	0.232
110	50	LDR-Biased	18.652	18.604	-0.048
111	50	LDR-Biased	18.497	18.79	0.293
112	50	LDR-Unbiased	18.729	18.876	0.147
113	50	LDR-Unbiased	18.328	19.135	0.807
115	50	LDR-Unbiased	18.548	19.271	0.723
116	50	LDR-Unbiased	18.6	19.141	0.541
117	50	LDR-Unbiased	18.678	19.024	0.346

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.555	18.649	18.743	0.13294	18.555	18.649	18.743	0.13294	0	0	0	0
3	18.328	18.58	18.729	0.11213	18.333	18.547	18.808	0.14959	-0.319	-0.0325	0.362	0.22858
10	18.328	18.58	18.729	0.11213	18.515	18.723	19.004	0.14878	-0.137	0.1426	0.547	0.22866
30	18.328	18.58	18.729	0.11213	18.711	18.921	19.208	0.15546	0.059	0.3412	0.738	0.22826
50	18.328	18.58	18.729	0.11213	18.596	18.918	19.271	0.22563	-0.048	0.3381	0.807	0.28526
100	18.493	18.596	18.714	0.089279	18.673	19.084	19.342	0.27334	-0.003	0.48725	0.827	0.31038

Device Test: 18.11 Res_PU_SEQ/SEQ_DONE/1.6/14/0/0/2/@SEQDONE_RPMOS_LOW_V





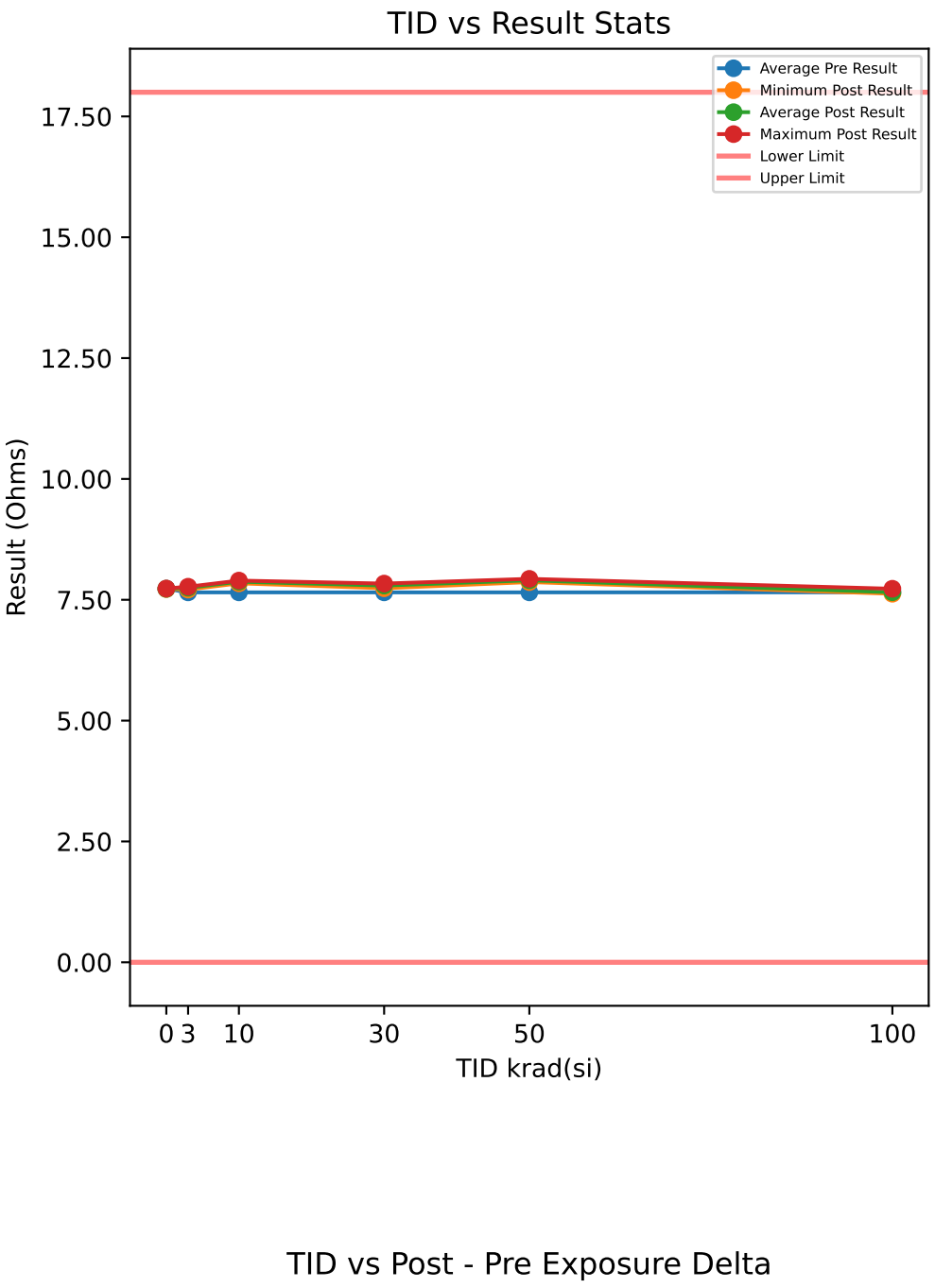
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

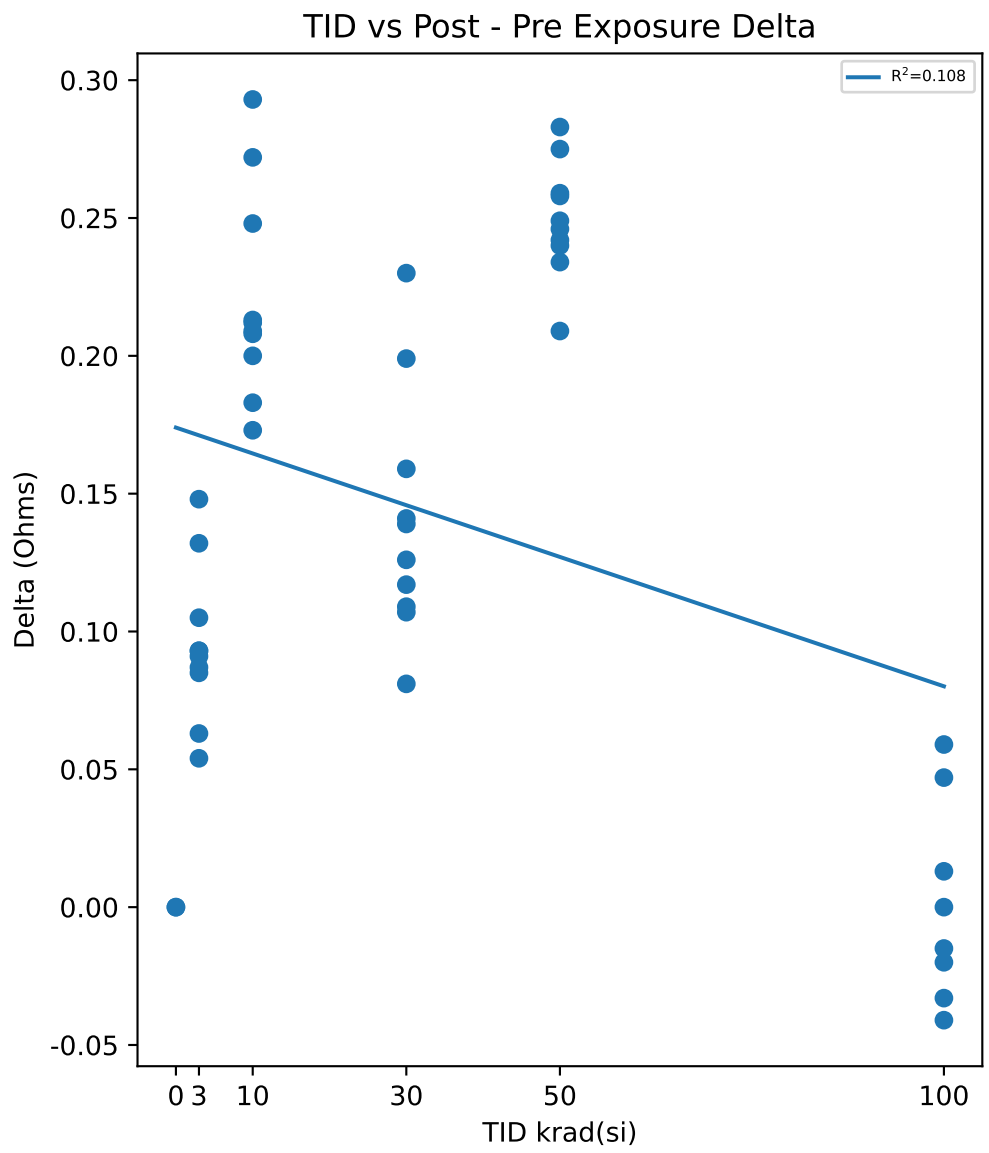
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	19.107	19.107	0
7	0	Correlation	18.996	18.996	0
16	3	LDR-Biased	18.959	18.907	-0.052
18	3	LDR-Biased	18.939	19.043	0.104
19	3	LDR-Biased	18.939	19.01	0.071
20	3	LDR-Biased	19.086	18.867	-0.219
21	3	LDR-Biased	18.845	19.069	0.224
22	3	LDR-Unbiased	19.051	18.892	-0.159
23	3	LDR-Unbiased	18.845	19.037	0.192
25	3	LDR-Unbiased	18.931	19.17	0.239
26	3	LDR-Unbiased	18.979	19.092	0.113
27	3	LDR-Unbiased	19.032	19.033	0.001
46	10	LDR-Biased	18.959	19.184	0.225
48	10	LDR-Biased	18.939	19.276	0.337
49	10	LDR-Biased	18.939	19.244	0.305
50	10	LDR-Biased	19.086	19.111	0.025
51	10	LDR-Biased	18.845	19.303	0.458
52	10	LDR-Unbiased	19.051	19.154	0.103
53	10	LDR-Unbiased	18.845	19.294	0.449
55	10	LDR-Unbiased	18.931	19.421	0.49
56	10	LDR-Unbiased	18.979	19.345	0.366
57	10	LDR-Unbiased	19.032	19.278	0.246
76	30	LDR-Biased	18.959	19.288	0.329
78	30	LDR-Biased	18.939	19.428	0.489
79	30	LDR-Biased	18.939	19.367	0.428
80	30	LDR-Biased	19.086	19.214	0.128
81	30	LDR-Biased	18.845	19.368	0.523
82	30	LDR-Unbiased	19.051	19.281	0.23
83	30	LDR-Unbiased	18.845	19.446	0.601
84	30	LDR-Unbiased	19.032	19.421	0.389
85	30	LDR-Unbiased	18.931	19.587	0.656
86	30	LDR-Unbiased	18.979	19.512	0.533
87	100	LDR-Biased	18.956	19.701	0.745
88	100	LDR-Biased	19.042	19.014	-0.028
90	100	LDR-Biased	18.982	19.021	0.039
91	100	LDR-Unbiased	19.039	19.758	0.719
93	100	LDR-Unbiased	18.854	19.657	0.803
94	100	LDR-Unbiased	19.005	19.579	0.574
95	100	LDR-Unbiased	19.021	19.65	0.629
96	100	LDR-Unbiased	19.042	19.662	0.62
106	50	LDR-Biased	18.959	19.273	0.314
108	50	LDR-Biased	18.939	19.459	0.52
109	50	LDR-Biased	18.939	19.406	0.467
110	50	LDR-Biased	19.086	19.232	0.146
111	50	LDR-Biased	18.845	19.468	0.623
112	50	LDR-Unbiased	19.051	19.443	0.392
113	50	LDR-Unbiased	18.845	19.599	0.754
115	50	LDR-Unbiased	18.931	19.744	0.813
116	50	LDR-Unbiased	18.979	19.688	0.709
117	50	LDR-Unbiased	19.032	19.615	0.583

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.996	19.051	19.107	0.078489	18.996	19.051	19.107	0.078489	0	0	0	0
3	18.845	18.961	19.086	0.080189	18.867	19.012	19.17	0.096087	-0.219	0.0514	0.239	0.15717
10	18.845	18.961	19.086	0.080189	19.111	19.261	19.421	0.092008	0.025	0.3004	0.49	0.15347
30	18.845	18.961	19.086	0.080189	19.214	19.391	19.587	0.1123	0.128	0.4306	0.656	0.16538
50	18.845	18.961	19.086	0.080189	19.232	19.493	19.744	0.1685	0.146	0.5321	0.813	0.20842
100	18.854	18.993	19.042	0.063982	19.014	19.505	19.758	0.3052	-0.028	0.51262	0.803	0.32212

Device Test: 18.12 Res_PU_EN1/EN1/7/3/0/0/2/@EN_RPMOS_HIGH_V





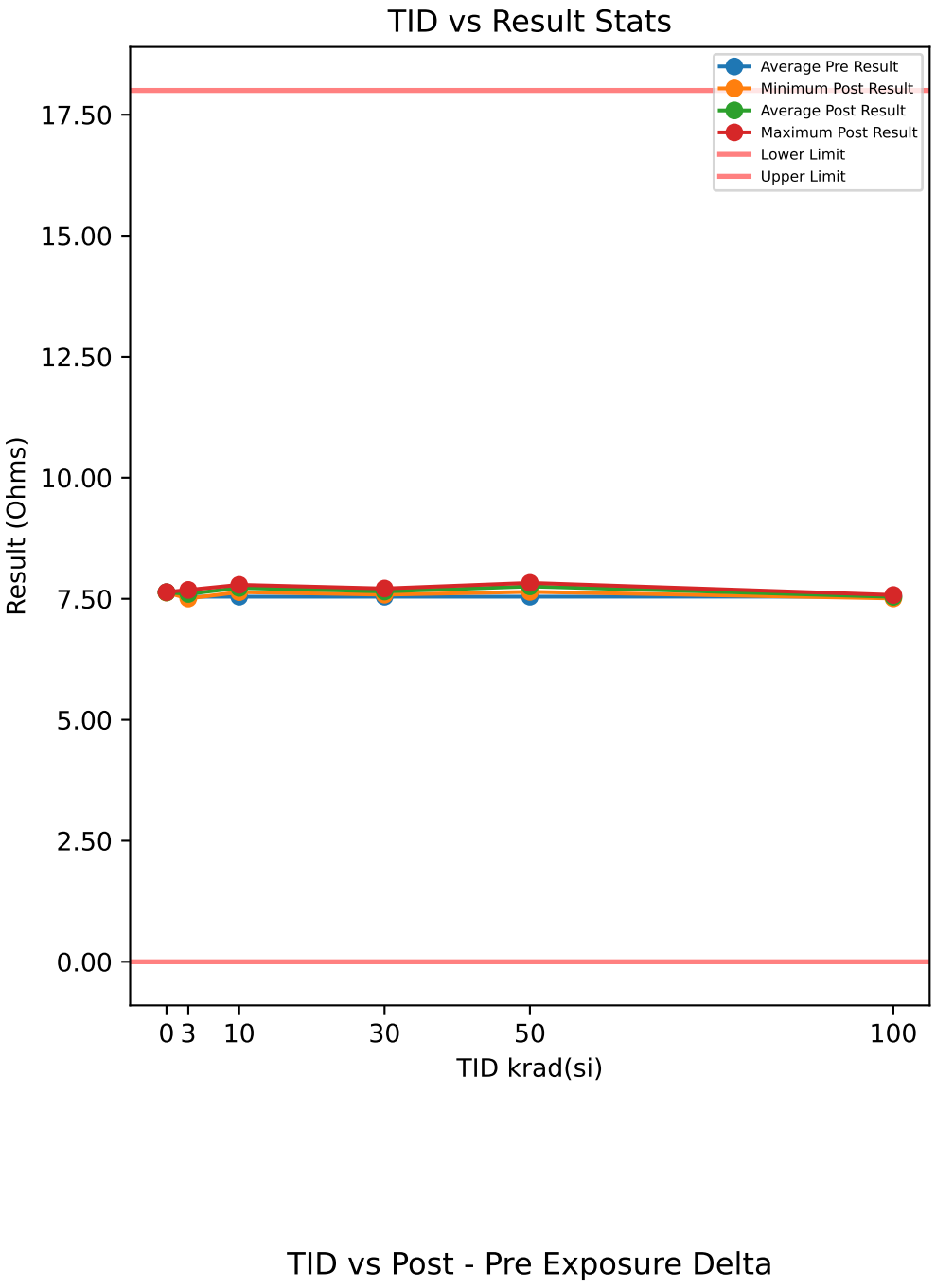
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

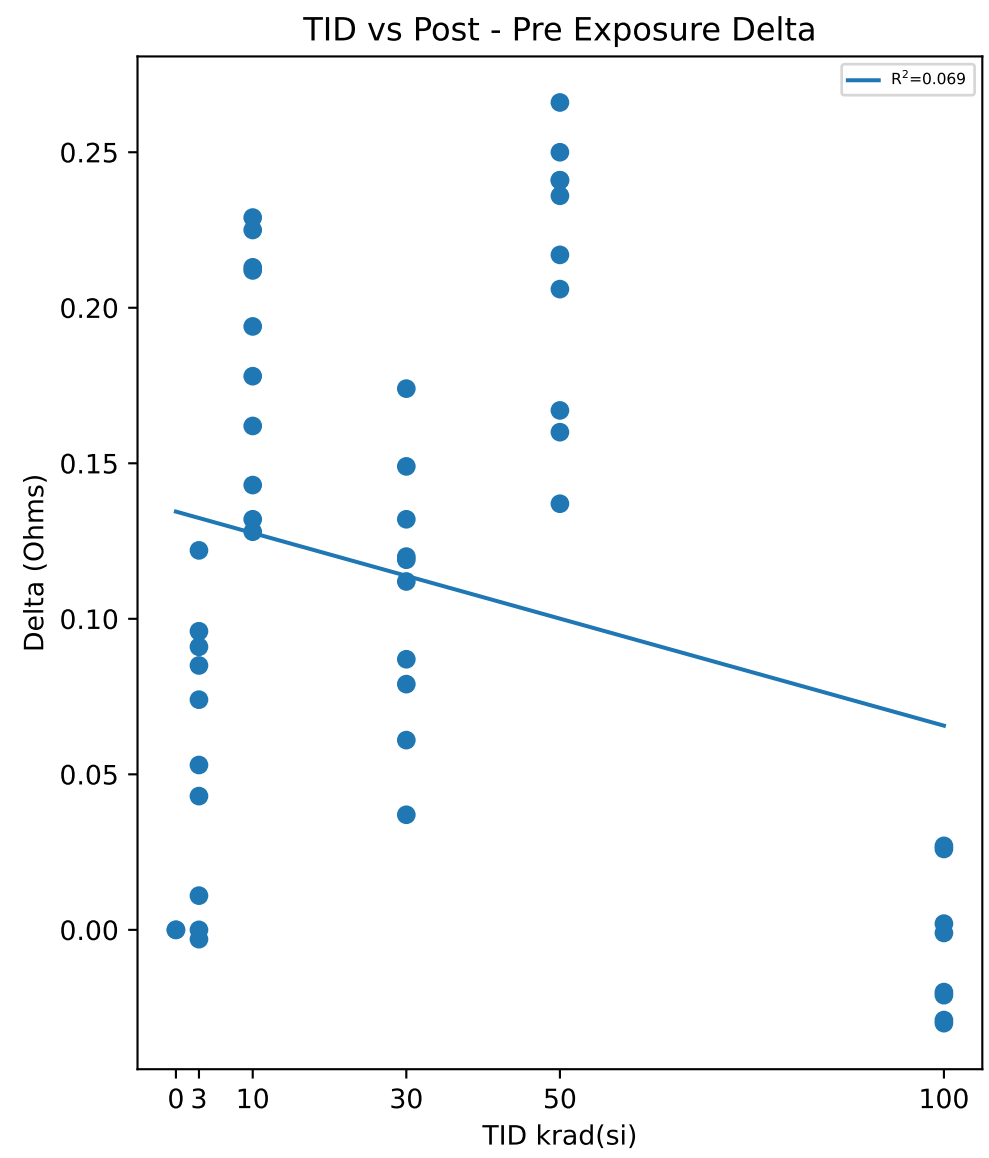
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	7.723	7.723	0
7	0	Correlation	7.733	7.733	0
16	3	LDR-Biased	7.604	7.752	0.148
18	3	LDR-Biased	7.636	7.741	0.105
19	3	LDR-Biased	7.69	7.753	0.063
20	3	LDR-Biased	7.656	7.749	0.093
21	3	LDR-Biased	7.608	7.74	0.132
22	3	LDR-Unbiased	7.657	7.711	0.054
23	3	LDR-Unbiased	7.652	7.743	0.091
25	3	LDR-Unbiased	7.669	7.756	0.087
26	3	LDR-Unbiased	7.685	7.77	0.085
27	3	LDR-Unbiased	7.675	7.768	0.093
46	10	LDR-Biased	7.604	7.897	0.293
48	10	LDR-Biased	7.636	7.884	0.248
49	10	LDR-Biased	7.69	7.863	0.173
50	10	LDR-Biased	7.656	7.868	0.212
51	10	LDR-Biased	7.608	7.88	0.272
52	10	LDR-Unbiased	7.657	7.84	0.183
53	10	LDR-Unbiased	7.652	7.861	0.209
55	10	LDR-Unbiased	7.669	7.869	0.2
56	10	LDR-Unbiased	7.685	7.893	0.208
57	10	LDR-Unbiased	7.675	7.888	0.213
76	30	LDR-Biased	7.604	7.834	0.23
78	30	LDR-Biased	7.636	7.835	0.199
79	30	LDR-Biased	7.69	7.816	0.126
80	30	LDR-Biased	7.656	7.795	0.139
81	30	LDR-Biased	7.608	7.767	0.159
82	30	LDR-Unbiased	7.657	7.738	0.081
83	30	LDR-Unbiased	7.652	7.793	0.141
84	30	LDR-Unbiased	7.675	7.792	0.117
85	30	LDR-Unbiased	7.669	7.778	0.109
86	30	LDR-Unbiased	7.685	7.792	0.107
87	100	LDR-Biased	7.625	7.625	0
88	100	LDR-Biased	7.654	7.634	-0.02
90	100	LDR-Biased	7.673	7.632	-0.041
91	100	LDR-Unbiased	7.657	7.642	-0.015
93	100	LDR-Unbiased	7.614	7.661	0.047
94	100	LDR-Unbiased	7.644	7.657	0.013
95	100	LDR-Unbiased	7.702	7.669	-0.033
96	100	LDR-Unbiased	7.669	7.728	0.059
106	50	LDR-Biased	7.604	7.879	0.275
108	50	LDR-Biased	7.636	7.895	0.259
109	50	LDR-Biased	7.69	7.924	0.234
110	50	LDR-Biased	7.656	7.905	0.249
111	50	LDR-Biased	7.608	7.891	0.283
112	50	LDR-Unbiased	7.657	7.866	0.209
113	50	LDR-Unbiased	7.652	7.898	0.246
115	50	LDR-Unbiased	7.669	7.909	0.24
116	50	LDR-Unbiased	7.685	7.927	0.242
117	50	LDR-Unbiased	7.675	7.933	0.258

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.723	7.728	7.733	0.0070711	7.723	7.728	7.733	0.0070711	0	0	0	0
3	7.604	7.6532	7.69	0.029578	7.711	7.7483	7.77	0.016654	0.054	0.0951	0.148	0.028227
10	7.604	7.6532	7.69	0.029578	7.84	7.8743	7.897	0.01741	0.173	0.2211	0.293	0.03824
30	7.604	7.6532	7.69	0.029578	7.738	7.794	7.835	0.02962	0.081	0.1408	0.23	0.044961
50	7.604	7.6532	7.69	0.029578	7.866	7.9027	7.933	0.021432	0.209	0.2495	0.283	0.021015
100	7.614	7.6547	7.702	0.027866	7.625	7.656	7.728	0.032942	-0.041	0.00125	0.059	0.036335

Device Test: 18.13 Res_PU_EN2/EN2/7/3/0/0/2/@EN_RPMOS_HIGH_V





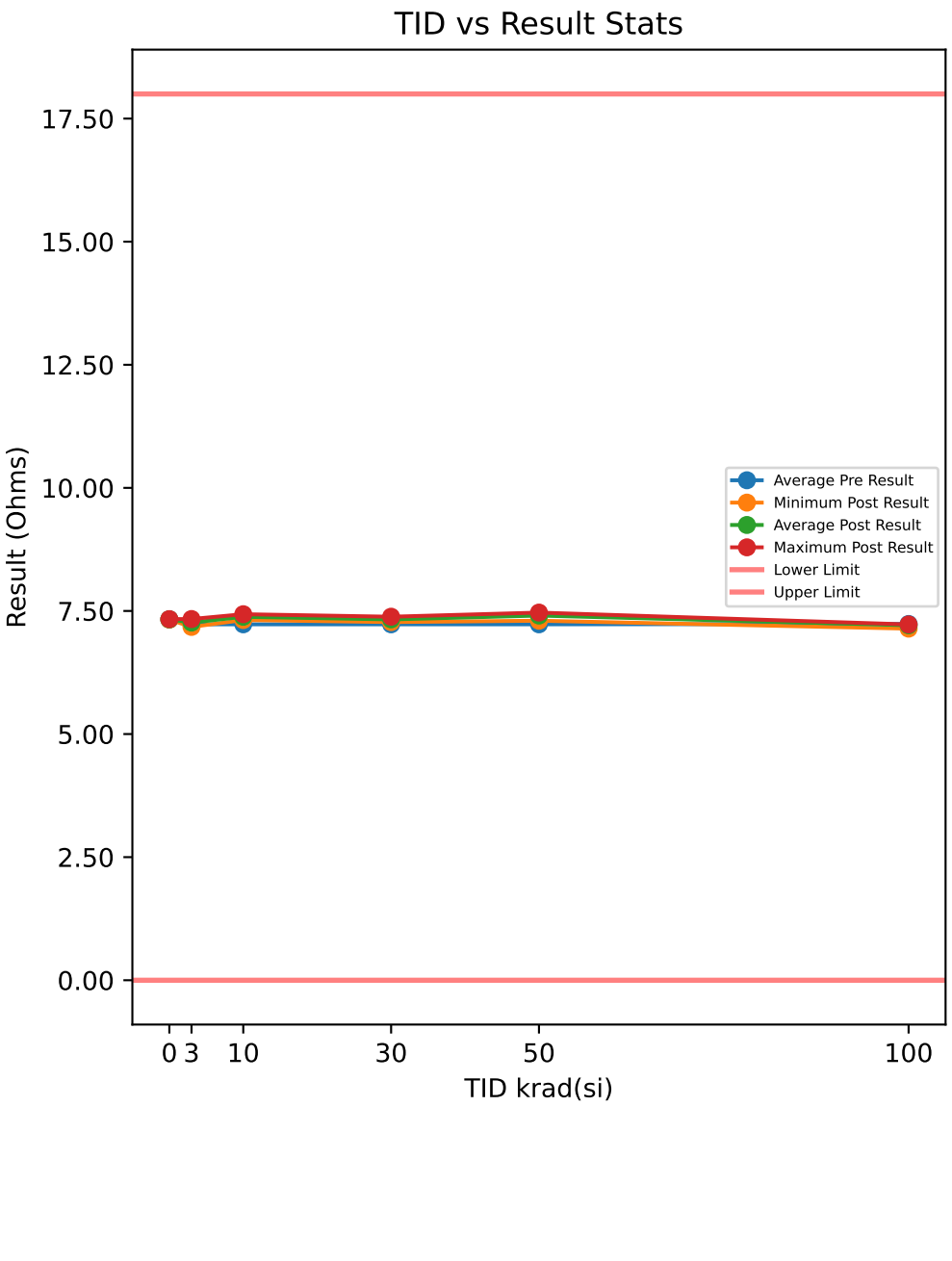
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	7.638	7.638	0
7	0	Correlation	7.628	7.628	0
16	3	LDR-Biased	7.506	7.506	0
18	3	LDR-Biased	7.501	7.597	0.096
19	3	LDR-Biased	7.57	7.623	0.053
20	3	LDR-Biased	7.544	7.541	-0.003
21	3	LDR-Biased	7.52	7.594	0.074
22	3	LDR-Unbiased	7.579	7.59	0.011
23	3	LDR-Unbiased	7.494	7.616	0.122
25	3	LDR-Unbiased	7.563	7.648	0.085
26	3	LDR-Unbiased	7.592	7.683	0.091
27	3	LDR-Unbiased	7.565	7.608	0.043
46	10	LDR-Biased	7.506	7.638	0.132
48	10	LDR-Biased	7.501	7.714	0.213
49	10	LDR-Biased	7.57	7.748	0.178
50	10	LDR-Biased	7.544	7.672	0.128
51	10	LDR-Biased	7.52	7.732	0.212
52	10	LDR-Unbiased	7.579	7.722	0.143
53	10	LDR-Unbiased	7.494	7.723	0.229
55	10	LDR-Unbiased	7.563	7.788	0.225
56	10	LDR-Unbiased	7.592	7.786	0.194
57	10	LDR-Unbiased	7.565	7.727	0.162
76	30	LDR-Biased	7.506	7.585	0.079
78	30	LDR-Biased	7.501	7.675	0.174
79	30	LDR-Biased	7.57	7.682	0.112
80	30	LDR-Biased	7.544	7.605	0.061
81	30	LDR-Biased	7.52	7.639	0.119
82	30	LDR-Unbiased	7.579	7.616	0.037
83	30	LDR-Unbiased	7.494	7.643	0.149
84	30	LDR-Unbiased	7.565	7.652	0.087
85	30	LDR-Unbiased	7.563	7.695	0.132
86	30	LDR-Unbiased	7.592	7.712	0.12
87	100	LDR-Biased	7.503	7.529	0.026
88	100	LDR-Biased	7.548	7.528	-0.02
90	100	LDR-Biased	7.534	7.533	-0.001
91	100	LDR-Unbiased	7.569	7.539	-0.03
93	100	LDR-Unbiased	7.52	7.547	0.027
94	100	LDR-Unbiased	7.529	7.508	-0.021
95	100	LDR-Unbiased	7.588	7.559	-0.029
96	100	LDR-Unbiased	7.576	7.578	0.002
106	50	LDR-Biased	7.506	7.643	0.137
108	50	LDR-Biased	7.501	7.742	0.241
109	50	LDR-Biased	7.57	7.776	0.206
110	50	LDR-Biased	7.544	7.704	0.16
111	50	LDR-Biased	7.52	7.761	0.241
112	50	LDR-Unbiased	7.579	7.746	0.167
113	50	LDR-Unbiased	7.494	7.76	0.266
115	50	LDR-Unbiased	7.563	7.813	0.25
116	50	LDR-Unbiased	7.592	7.828	0.236
117	50	LDR-Unbiased	7.565	7.782	0.217

Test Statistics (Ohms)

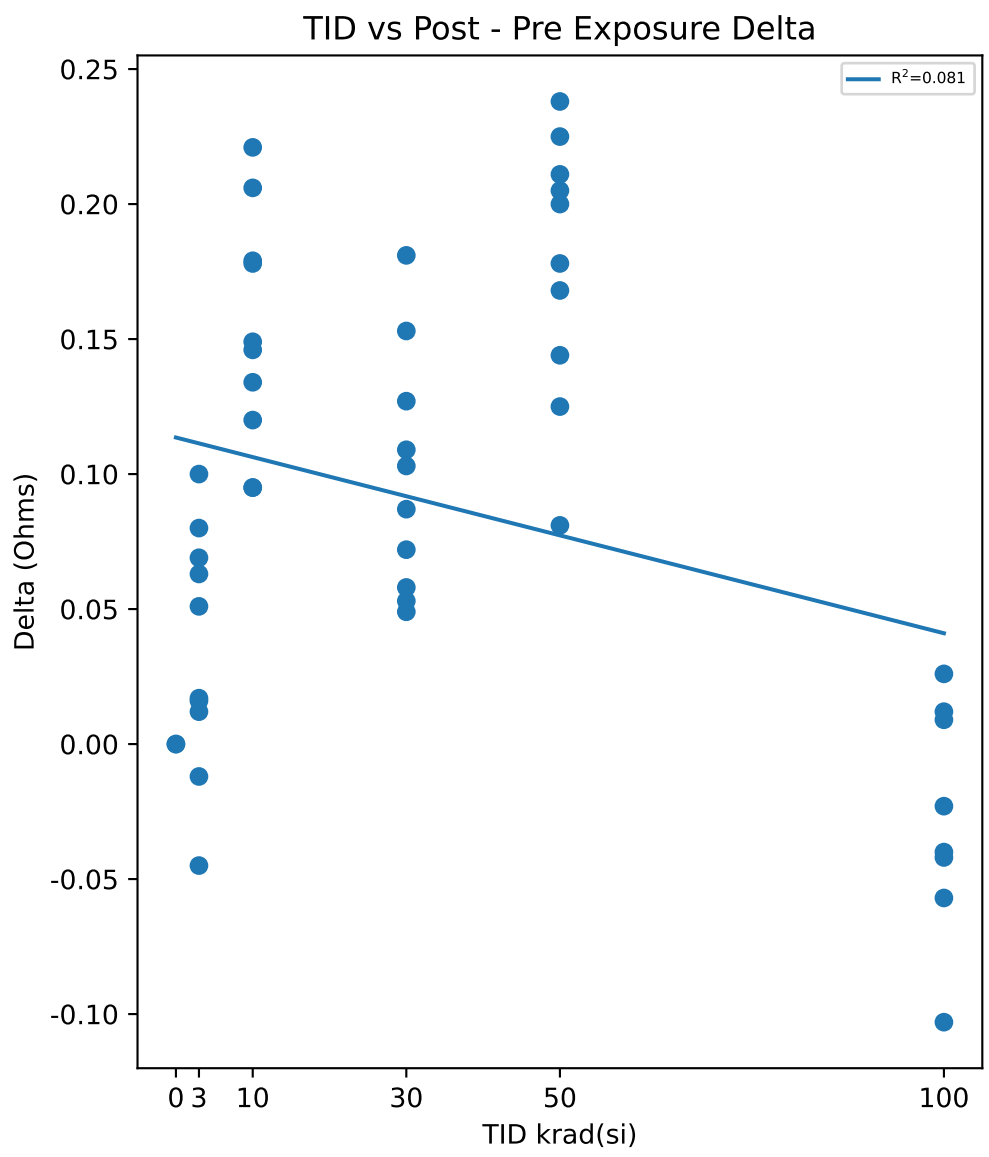
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.628	7.633	7.638	0.0070711	7.628	7.633	7.638	0.0070711	0	0	0	0
3	7.494	7.5434	7.592	0.035547	7.506	7.6006	7.683	0.05	-0.003	0.0572	0.122	0.043655
10	7.494	7.5434	7.592	0.035547	7.638	7.725	7.788	0.045685	0.128	0.1816	0.229	0.038607
30	7.494	7.5434	7.592	0.035547	7.585	7.6504	7.712	0.040956	0.037	0.107	0.174	0.041387
50	7.494	7.5434	7.592	0.035547	7.643	7.7555	7.828	0.053037	0.137	0.2121	0.266	0.043503
100	7.503	7.5459	7.588	0.029652	7.508	7.5401	7.578	0.021357	-0.03	-0.00575	0.027	0.023076

Device Test: 18.14 Res_PU_EN3/EN3/7/3/0/0/2/@EN_RPMOS_HIGH_V



Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

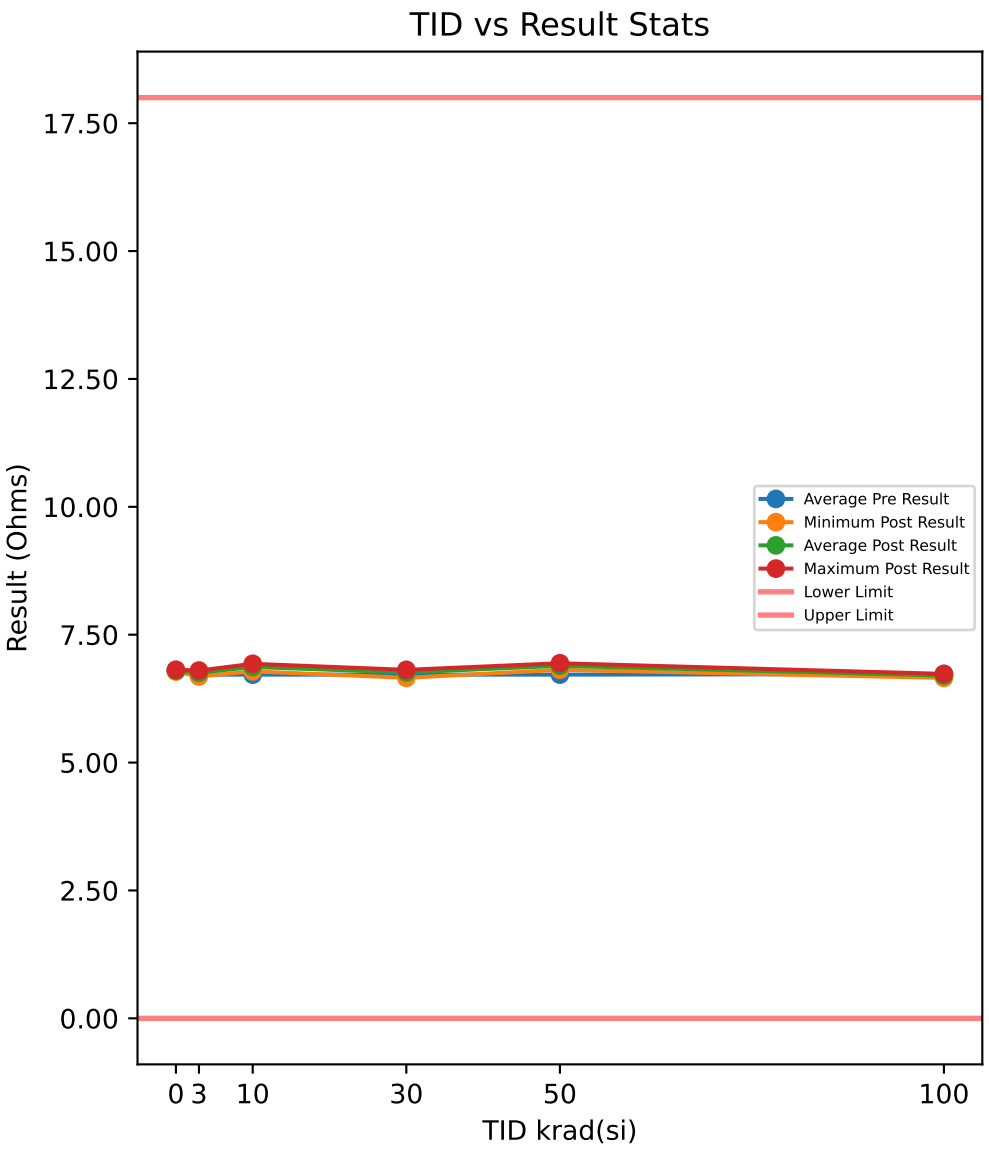
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	7.334	7.334	0
7	0	Correlation	7.325	7.325	0
16	3	LDR-Biased	7.221	7.176	-0.045
18	3	LDR-Biased	7.182	7.251	0.069
19	3	LDR-Biased	7.278	7.29	0.012
20	3	LDR-Biased	7.23	7.218	-0.012
21	3	LDR-Biased	7.211	7.274	0.063
22	3	LDR-Unbiased	7.242	7.258	0.016
23	3	LDR-Unbiased	7.176	7.276	0.1
25	3	LDR-Unbiased	7.256	7.336	0.08
26	3	LDR-Unbiased	7.245	7.296	0.051
27	3	LDR-Unbiased	7.246	7.263	0.017
46	10	LDR-Biased	7.221	7.316	0.095
48	10	LDR-Biased	7.182	7.388	0.206
49	10	LDR-Biased	7.278	7.398	0.12
50	10	LDR-Biased	7.23	7.325	0.095
51	10	LDR-Biased	7.211	7.39	0.179
52	10	LDR-Unbiased	7.242	7.388	0.146
53	10	LDR-Unbiased	7.176	7.397	0.221
55	10	LDR-Unbiased	7.256	7.434	0.178
56	10	LDR-Unbiased	7.245	7.394	0.149
57	10	LDR-Unbiased	7.246	7.38	0.134
76	30	LDR-Biased	7.221	7.274	0.053
78	30	LDR-Biased	7.182	7.363	0.181
79	30	LDR-Biased	7.278	7.365	0.087
80	30	LDR-Biased	7.23	7.279	0.049
81	30	LDR-Biased	7.211	7.32	0.109
82	30	LDR-Unbiased	7.242	7.314	0.072
83	30	LDR-Unbiased	7.176	7.329	0.153
84	30	LDR-Unbiased	7.246	7.304	0.058
85	30	LDR-Unbiased	7.256	7.383	0.127
86	30	LDR-Unbiased	7.245	7.348	0.103
87	100	LDR-Biased	7.176	7.202	0.026
88	100	LDR-Biased	7.267	7.225	-0.042
90	100	LDR-Biased	7.212	7.224	0.012
91	100	LDR-Unbiased	7.246	7.223	-0.023
93	100	LDR-Unbiased	7.217	7.226	0.009
94	100	LDR-Unbiased	7.244	7.141	-0.103
95	100	LDR-Unbiased	7.265	7.225	-0.04
96	100	LDR-Unbiased	7.258	7.201	-0.057
106	50	LDR-Biased	7.221	7.302	0.081
108	50	LDR-Biased	7.182	7.407	0.225
109	50	LDR-Biased	7.278	7.422	0.144
110	50	LDR-Biased	7.23	7.355	0.125
111	50	LDR-Biased	7.211	7.411	0.2
112	50	LDR-Unbiased	7.242	7.42	0.178
113	50	LDR-Unbiased	7.176	7.414	0.238
115	50	LDR-Unbiased	7.256	7.467	0.211
116	50	LDR-Unbiased	7.245	7.45	0.205
117	50	LDR-Unbiased	7.246	7.414	0.168

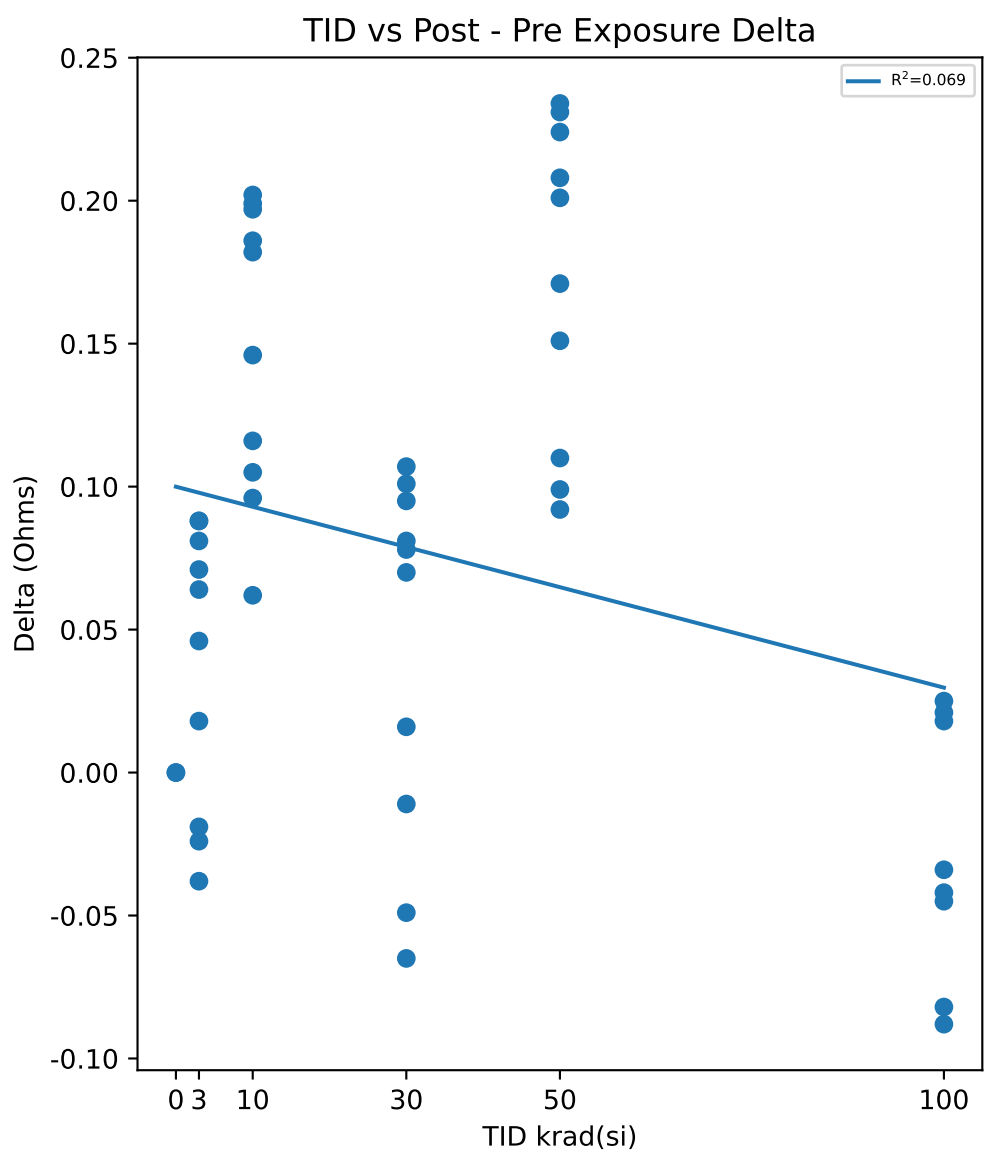


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.325	7.3295	7.334	0.006364	7.325	7.3295	7.334	0.006364	0	0	0	0
3	7.176	7.2287	7.278	0.032059	7.176	7.2638	7.336	0.043708	-0.045	0.0351	0.1	0.045054
10	7.176	7.2287	7.278	0.032059	7.316	7.381	7.434	0.035062	0.095	0.1523	0.221	0.043426
30	7.176	7.2287	7.278	0.032059	7.274	7.3279	7.383	0.036777	0.049	0.0992	0.181	0.044359
50	7.176	7.2287	7.278	0.032059	7.302	7.4062	7.467	0.046761	0.081	0.1775	0.238	0.04897
100	7.176	7.2356	7.267	0.031591	7.141	7.2084	7.226	0.029169	-0.103	-0.02725	0.026	0.042614

Device Test: 18.15 Res_PU_EN4/EN4/7/3/0/0/2/@EN_RPMOS_HIGH_V





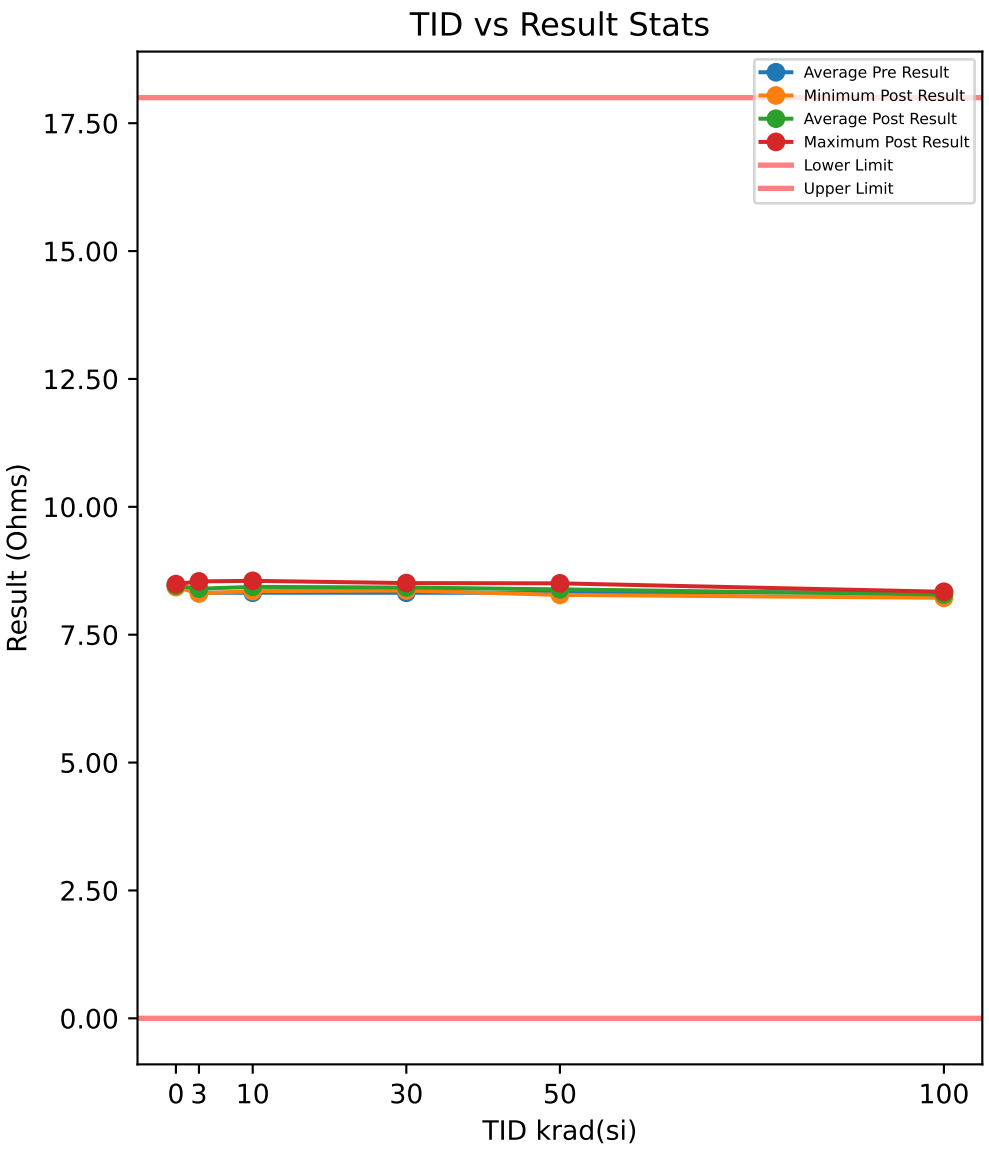
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

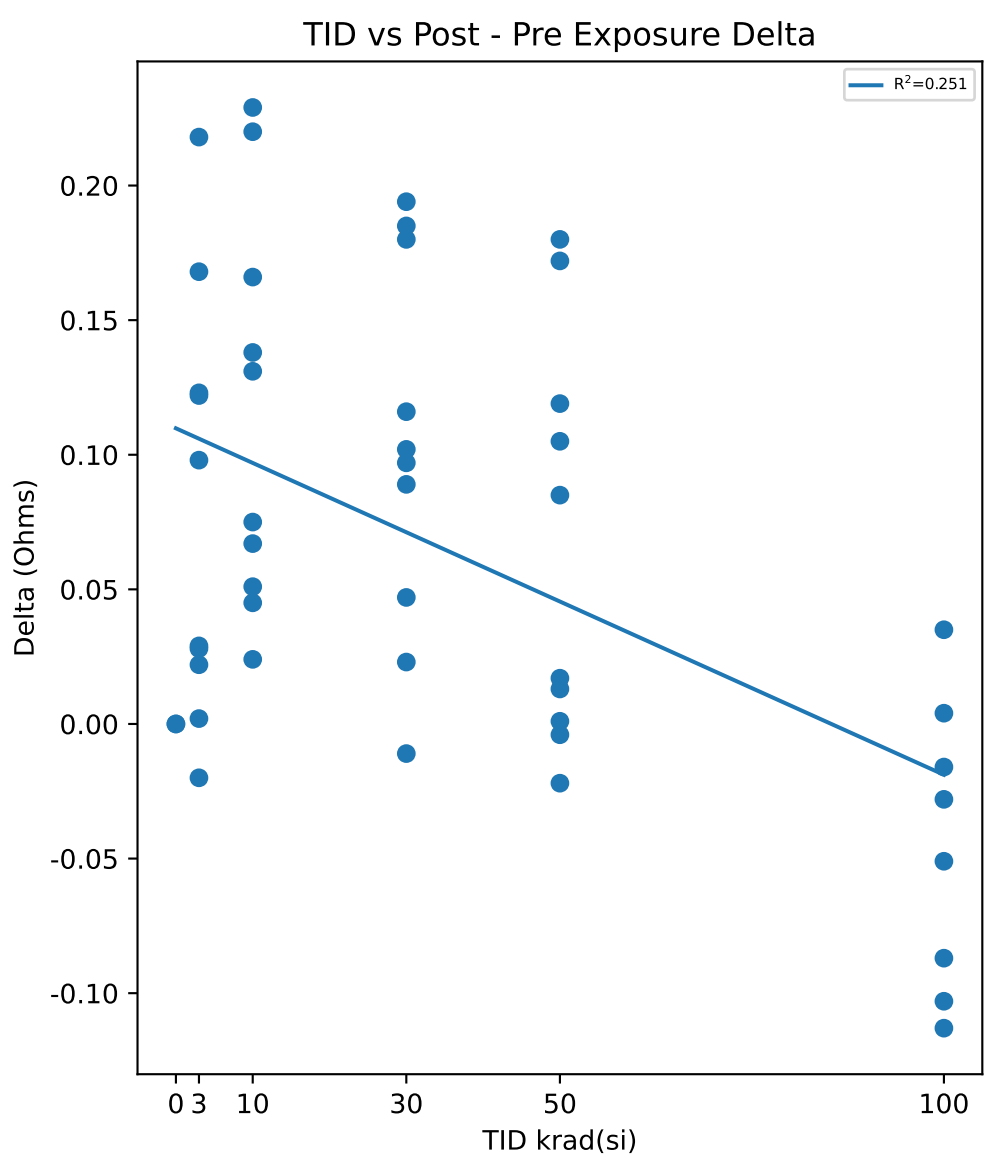
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	6.815	6.815	0
7	0	Correlation	6.779	6.779	0
16	3	LDR-Biased	6.724	6.705	-0.019
18	3	LDR-Biased	6.685	6.756	0.071
19	3	LDR-Biased	6.743	6.789	0.046
20	3	LDR-Biased	6.722	6.684	-0.038
21	3	LDR-Biased	6.69	6.771	0.081
22	3	LDR-Unbiased	6.762	6.738	-0.024
23	3	LDR-Unbiased	6.679	6.767	0.088
25	3	LDR-Unbiased	6.732	6.796	0.064
26	3	LDR-Unbiased	6.711	6.799	0.088
27	3	LDR-Unbiased	6.745	6.763	0.018
46	10	LDR-Biased	6.724	6.82	0.096
48	10	LDR-Biased	6.685	6.867	0.182
49	10	LDR-Biased	6.743	6.889	0.146
50	10	LDR-Biased	6.722	6.784	0.062
51	10	LDR-Biased	6.69	6.876	0.186
52	10	LDR-Unbiased	6.762	6.867	0.105
53	10	LDR-Unbiased	6.679	6.881	0.202
55	10	LDR-Unbiased	6.732	6.931	0.199
56	10	LDR-Unbiased	6.711	6.908	0.197
57	10	LDR-Unbiased	6.745	6.861	0.116
76	30	LDR-Biased	6.724	6.74	0.016
78	30	LDR-Biased	6.685	6.786	0.101
79	30	LDR-Biased	6.743	6.813	0.07
80	30	LDR-Biased	6.722	6.657	-0.065
81	30	LDR-Biased	6.69	6.768	0.078
82	30	LDR-Unbiased	6.762	6.713	-0.049
83	30	LDR-Unbiased	6.679	6.786	0.107
84	30	LDR-Unbiased	6.745	6.734	-0.011
85	30	LDR-Unbiased	6.732	6.813	0.081
86	30	LDR-Unbiased	6.711	6.806	0.095
87	100	LDR-Biased	6.68	6.701	0.021
88	100	LDR-Biased	6.766	6.721	-0.045
90	100	LDR-Biased	6.709	6.734	0.025
91	100	LDR-Unbiased	6.751	6.709	-0.042
93	100	LDR-Unbiased	6.7	6.718	0.018
94	100	LDR-Unbiased	6.737	6.655	-0.082
95	100	LDR-Unbiased	6.731	6.697	-0.034
96	100	LDR-Unbiased	6.758	6.67	-0.088
106	50	LDR-Biased	6.724	6.823	0.099
108	50	LDR-Biased	6.685	6.886	0.201
109	50	LDR-Biased	6.743	6.914	0.171
110	50	LDR-Biased	6.722	6.814	0.092
111	50	LDR-Biased	6.69	6.914	0.224
112	50	LDR-Unbiased	6.762	6.872	0.11
113	50	LDR-Unbiased	6.679	6.913	0.234
115	50	LDR-Unbiased	6.732	6.94	0.208
116	50	LDR-Unbiased	6.711	6.942	0.231
117	50	LDR-Unbiased	6.745	6.896	0.151

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.779	6.797	6.815	0.025456	6.779	6.797	6.815	0.025456	0	0	0	0
3	6.679	6.7193	6.762	0.027817	6.684	6.7568	6.799	0.038058	-0.038	0.0375	0.088	0.049379
10	6.679	6.7193	6.762	0.027817	6.784	6.8684	6.931	0.041703	0.062	0.1491	0.202	0.05108
30	6.679	6.7193	6.762	0.027817	6.657	6.7616	6.813	0.050573	-0.065	0.0423	0.107	0.064403
50	6.679	6.7193	6.762	0.027817	6.814	6.8914	6.942	0.044104	0.092	0.1721	0.234	0.055957
100	6.68	6.729	6.766	0.030247	6.655	6.7006	6.734	0.026549	-0.088	-0.028375	0.025	0.045296

Device Test: 18.16 Res_PU_PWRDG/PWRGD/7/3/0/0/2/@PWRGD_RPMOS_HIGH_V





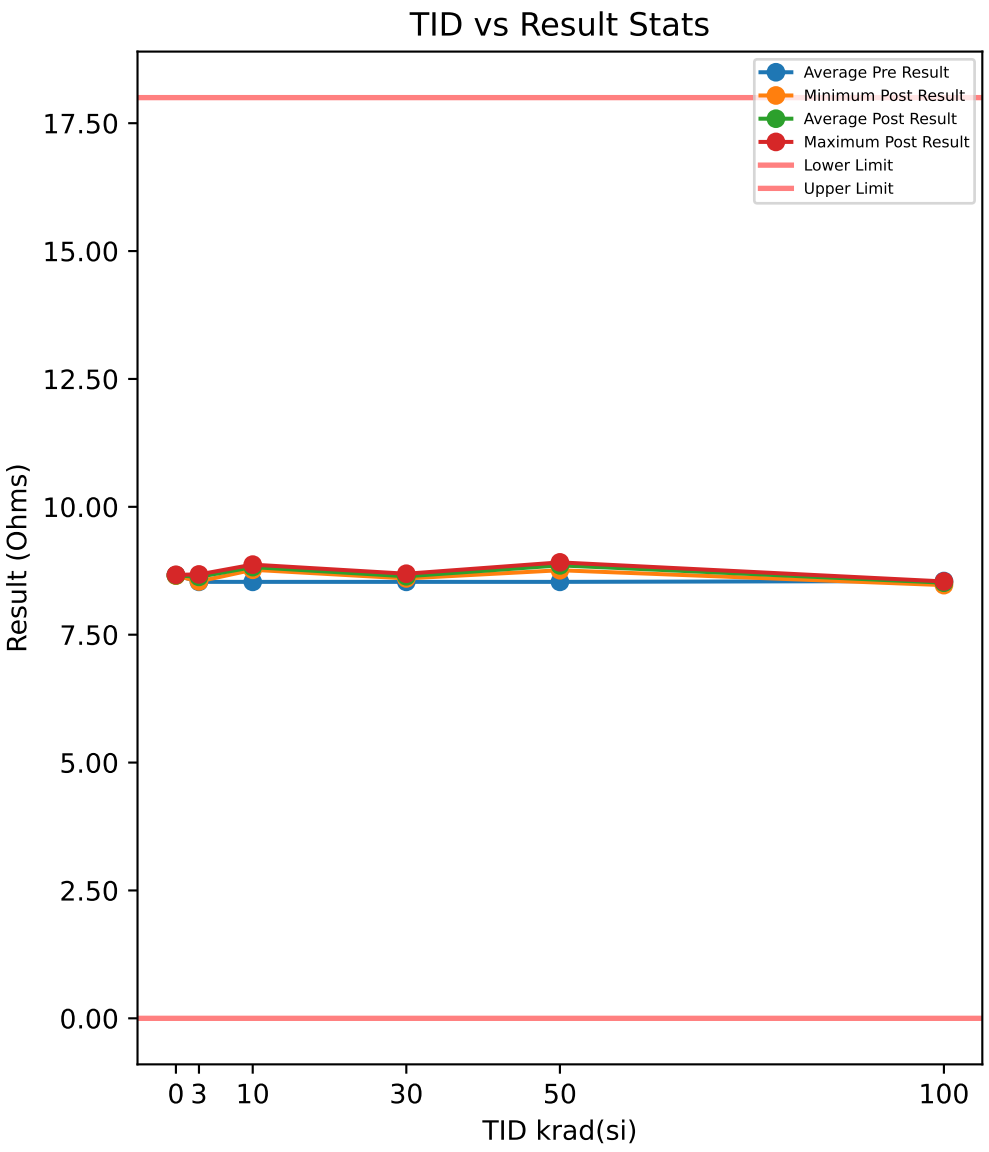
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

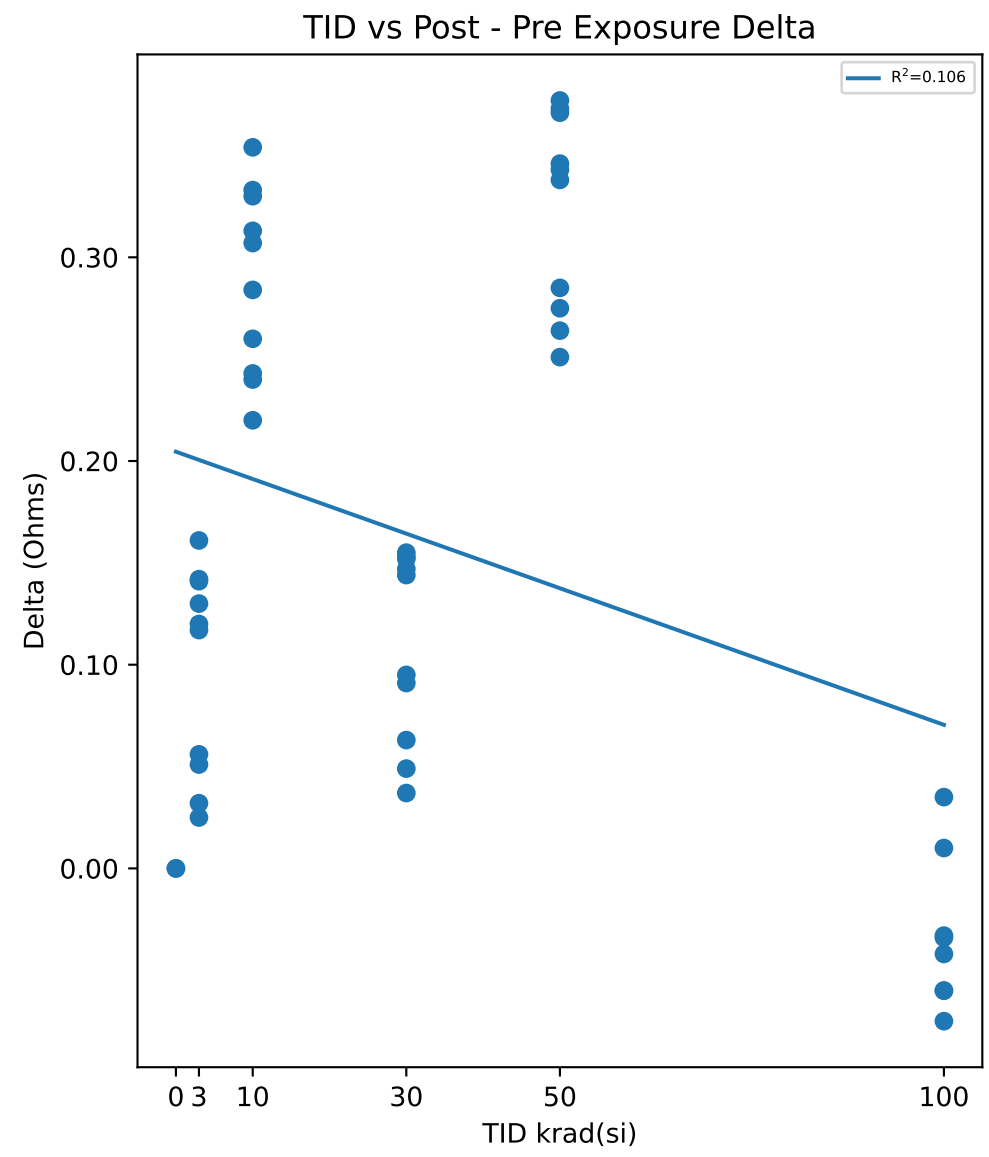
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	8.489	8.489	0
7	0	Correlation	8.431	8.431	0
16	3	LDR-Biased	8.277	8.305	0.028
18	3	LDR-Biased	8.254	8.377	0.123
19	3	LDR-Biased	8.372	8.401	0.029
20	3	LDR-Biased	8.338	8.34	0.002
21	3	LDR-Biased	8.299	8.397	0.098
22	3	LDR-Unbiased	8.374	8.354	-0.02
23	3	LDR-Unbiased	8.238	8.406	0.168
25	3	LDR-Unbiased	8.324	8.542	0.218
26	3	LDR-Unbiased	8.326	8.448	0.122
27	3	LDR-Unbiased	8.4	8.422	0.022
46	10	LDR-Biased	8.277	8.352	0.075
48	10	LDR-Biased	8.254	8.42	0.166
49	10	LDR-Biased	8.372	8.439	0.067
50	10	LDR-Biased	8.338	8.383	0.045
51	10	LDR-Biased	8.299	8.437	0.138
52	10	LDR-Unbiased	8.374	8.398	0.024
53	10	LDR-Unbiased	8.238	8.458	0.22
55	10	LDR-Unbiased	8.324	8.553	0.229
56	10	LDR-Unbiased	8.326	8.457	0.131
57	10	LDR-Unbiased	8.4	8.451	0.051
76	30	LDR-Biased	8.277	8.366	0.089
78	30	LDR-Biased	8.254	8.434	0.18
79	30	LDR-Biased	8.372	8.469	0.097
80	30	LDR-Biased	8.338	8.385	0.047
81	30	LDR-Biased	8.299	8.401	0.102
82	30	LDR-Unbiased	8.374	8.363	-0.011
83	30	LDR-Unbiased	8.238	8.432	0.194
84	30	LDR-Unbiased	8.4	8.423	0.023
85	30	LDR-Unbiased	8.324	8.509	0.185
86	30	LDR-Unbiased	8.326	8.442	0.116
87	100	LDR-Biased	8.299	8.283	-0.016
88	100	LDR-Biased	8.345	8.317	-0.028
90	100	LDR-Biased	8.304	8.339	0.035
91	100	LDR-Unbiased	8.368	8.281	-0.087
93	100	LDR-Unbiased	8.303	8.307	0.004
94	100	LDR-Unbiased	8.324	8.221	-0.103
95	100	LDR-Unbiased	8.328	8.277	-0.051
96	100	LDR-Unbiased	8.376	8.263	-0.113
106	50	LDR-Biased	8.277	8.278	0.001
108	50	LDR-Biased	8.254	8.359	0.105
109	50	LDR-Biased	8.372	8.389	0.017
110	50	LDR-Biased	8.338	8.334	-0.004
111	50	LDR-Biased	8.299	8.384	0.085
112	50	LDR-Unbiased	8.374	8.352	-0.022
113	50	LDR-Unbiased	8.238	8.41	0.172
115	50	LDR-Unbiased	8.324	8.504	0.18
116	50	LDR-Unbiased	8.326	8.445	0.119
117	50	LDR-Unbiased	8.4	8.413	0.013

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.431	8.46	8.489	0.041012	8.431	8.46	8.489	0.041012	0	0	0	0
3	8.238	8.3202	8.4	0.053506	8.305	8.3992	8.542	0.065202	-0.02	0.079	0.218	0.078505
10	8.238	8.3202	8.4	0.053506	8.352	8.4348	8.553	0.05416	0.024	0.1146	0.229	0.073474
30	8.238	8.3202	8.4	0.053506	8.363	8.4224	8.509	0.045763	-0.011	0.1022	0.194	0.069811
50	8.238	8.3202	8.4	0.053506	8.278	8.3868	8.504	0.062334	-0.022	0.0666	0.18	0.075276
100	8.299	8.3309	8.376	0.029725	8.221	8.286	8.339	0.036016	-0.113	-0.044875	0.035	0.053075

Device Test: 18.17 Res_PU_SEQ/SEQ_DONE/7/3/0/0/2/@SEQDONE_RPMOS_HIGH_V





Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

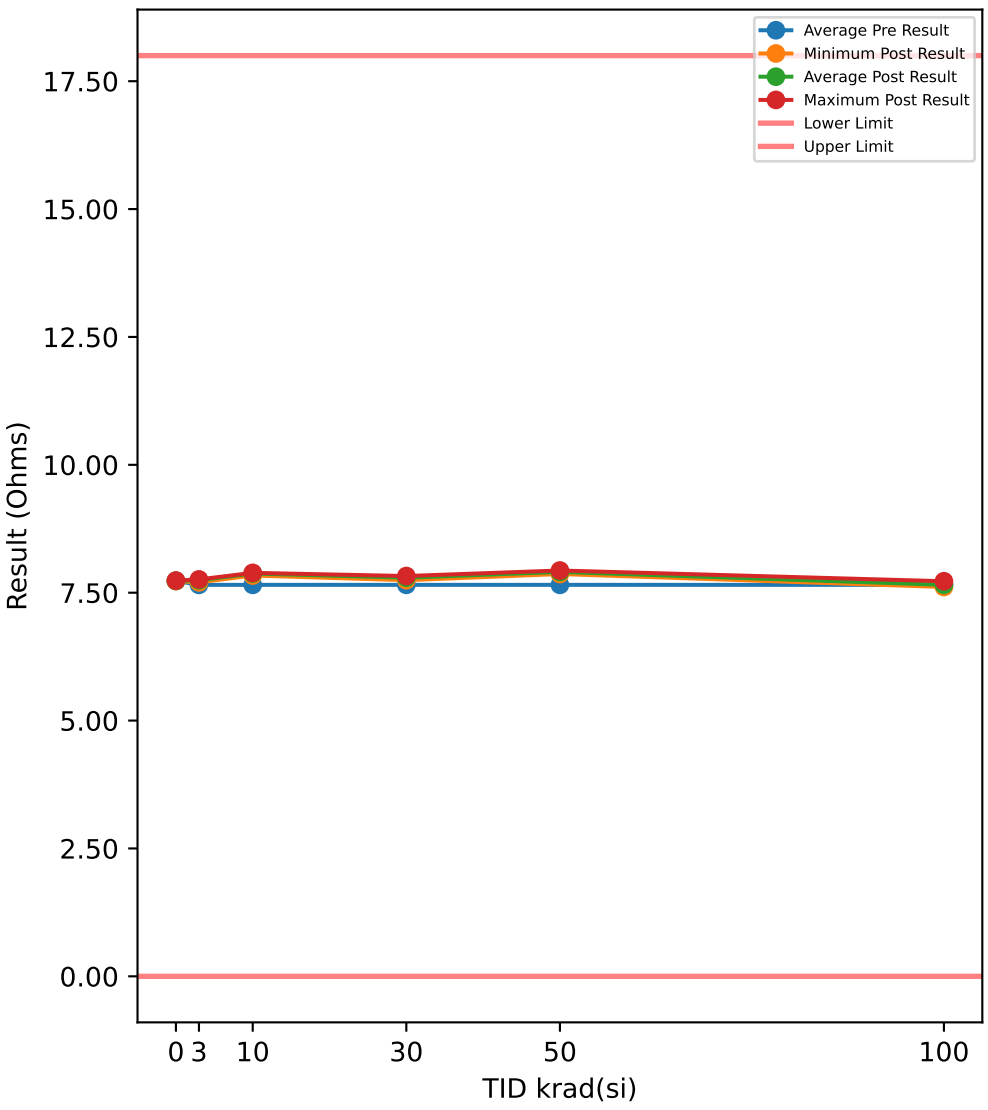
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	8.654	8.654	0
7	0	Correlation	8.671	8.671	0
16	3	LDR-Biased	8.509	8.541	0.032
18	3	LDR-Biased	8.493	8.613	0.12
19	3	LDR-Biased	8.541	8.671	0.13
20	3	LDR-Biased	8.555	8.606	0.051
21	3	LDR-Biased	8.495	8.656	0.161
22	3	LDR-Unbiased	8.569	8.594	0.025
23	3	LDR-Unbiased	8.492	8.634	0.142
25	3	LDR-Unbiased	8.537	8.678	0.141
26	3	LDR-Unbiased	8.549	8.666	0.117
27	3	LDR-Unbiased	8.589	8.645	0.056
46	10	LDR-Biased	8.509	8.769	0.26
48	10	LDR-Biased	8.493	8.806	0.313
49	10	LDR-Biased	8.541	8.848	0.307
50	10	LDR-Biased	8.555	8.775	0.22
51	10	LDR-Biased	8.495	8.849	0.354
52	10	LDR-Unbiased	8.569	8.809	0.24
53	10	LDR-Unbiased	8.492	8.822	0.33
55	10	LDR-Unbiased	8.537	8.87	0.333
56	10	LDR-Unbiased	8.549	8.833	0.284
57	10	LDR-Unbiased	8.589	8.832	0.243
76	30	LDR-Biased	8.509	8.6	0.091
78	30	LDR-Biased	8.493	8.646	0.153
79	30	LDR-Biased	8.541	8.685	0.144
80	30	LDR-Biased	8.555	8.618	0.063
81	30	LDR-Biased	8.495	8.642	0.147
82	30	LDR-Unbiased	8.569	8.606	0.037
83	30	LDR-Unbiased	8.492	8.644	0.152
84	30	LDR-Unbiased	8.589	8.638	0.049
85	30	LDR-Unbiased	8.537	8.692	0.155
86	30	LDR-Unbiased	8.549	8.644	0.095
87	100	LDR-Biased	8.553	8.519	-0.034
88	100	LDR-Biased	8.561	8.501	-0.06
90	100	LDR-Biased	8.529	8.539	0.01
91	100	LDR-Unbiased	8.551	8.518	-0.033
93	100	LDR-Unbiased	8.506	8.541	0.035
94	100	LDR-Unbiased	8.529	8.469	-0.06
95	100	LDR-Unbiased	8.586	8.511	-0.075
96	100	LDR-Unbiased	8.577	8.535	-0.042
106	50	LDR-Biased	8.509	8.76	0.251
108	50	LDR-Biased	8.493	8.836	0.343
109	50	LDR-Biased	8.541	8.879	0.338
110	50	LDR-Biased	8.555	8.819	0.264
111	50	LDR-Biased	8.495	8.866	0.371
112	50	LDR-Unbiased	8.569	8.844	0.275
113	50	LDR-Unbiased	8.492	8.865	0.373
115	50	LDR-Unbiased	8.537	8.914	0.377
116	50	LDR-Unbiased	8.549	8.895	0.346
117	50	LDR-Unbiased	8.589	8.874	0.285

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.654	8.6625	8.671	0.012021	8.654	8.6625	8.671	0.012021	0	0	0	0
3	8.492	8.5329	8.589	0.034242	8.541	8.6304	8.678	0.042529	0.025	0.0975	0.161	0.050858
10	8.492	8.5329	8.589	0.034242	8.769	8.8213	8.87	0.032263	0.22	0.2884	0.354	0.045804
30	8.492	8.5329	8.589	0.034242	8.6	8.6415	8.692	0.029856	0.037	0.1086	0.155	0.047127
50	8.492	8.5329	8.589	0.034242	8.76	8.8552	8.914	0.043514	0.251	0.3223	0.377	0.048628
100	8.506	8.549	8.586	0.026635	8.469	8.5166	8.541	0.023856	-0.075	-0.032375	0.035	0.037367

Device Test: 18.18 Res_PU_EN1/EN1/7/14/0/0/2/@EN_RPMOS_HIGH_V

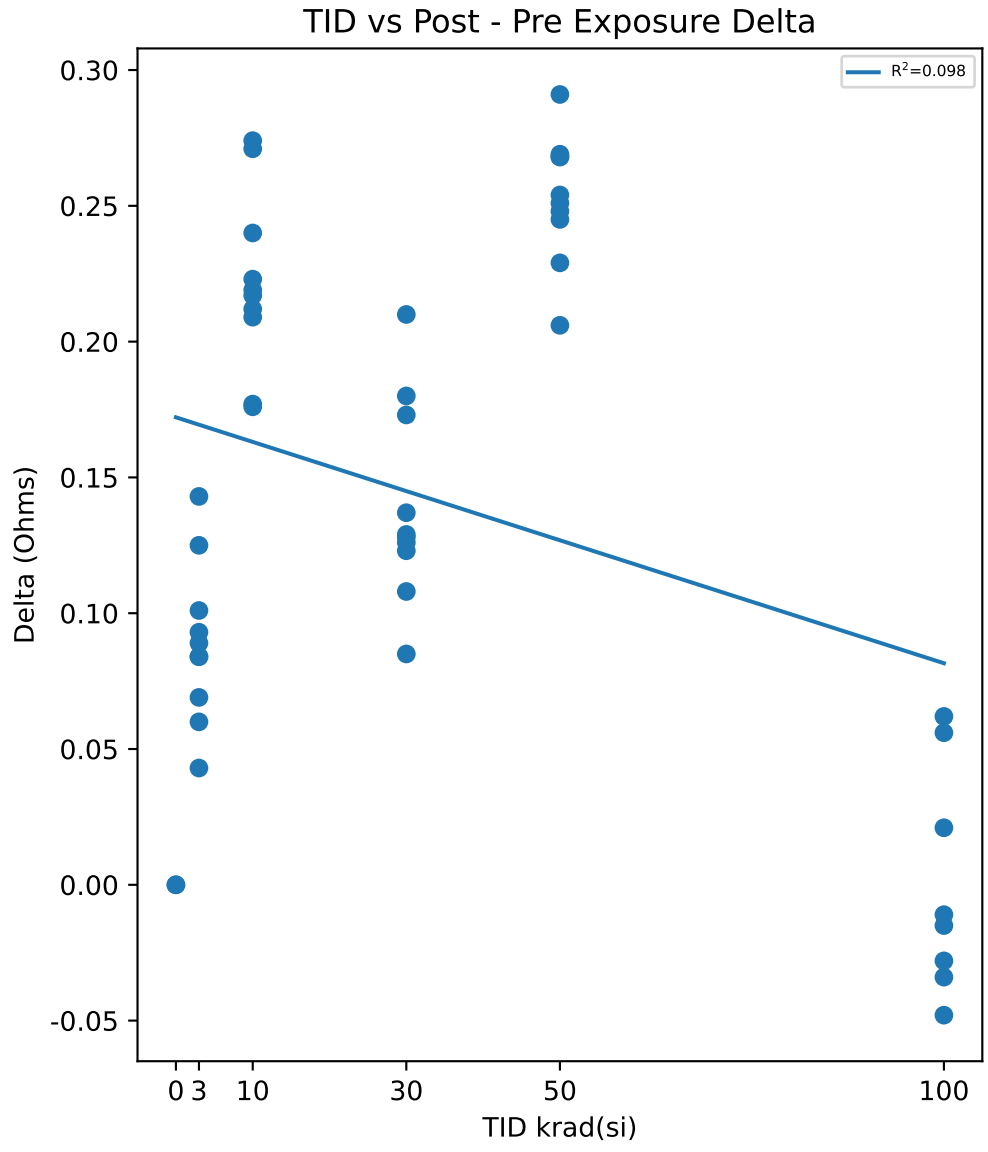
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	7.727	7.727	0
7	0	Correlation	7.737	7.737	0
16	3	LDR-Biased	7.613	7.738	0.125
18	3	LDR-Biased	7.644	7.745	0.101
19	3	LDR-Biased	7.698	7.758	0.06
20	3	LDR-Biased	7.649	7.733	0.084
21	3	LDR-Biased	7.605	7.748	0.143
22	3	LDR-Unbiased	7.659	7.702	0.043
23	3	LDR-Unbiased	7.655	7.748	0.093
25	3	LDR-Unbiased	7.668	7.737	0.069
26	3	LDR-Unbiased	7.676	7.76	0.084
27	3	LDR-Unbiased	7.666	7.755	0.089
46	10	LDR-Biased	7.613	7.884	0.271
48	10	LDR-Biased	7.644	7.884	0.24
49	10	LDR-Biased	7.698	7.874	0.176
50	10	LDR-Biased	7.649	7.872	0.223
51	10	LDR-Biased	7.605	7.879	0.274
52	10	LDR-Unbiased	7.659	7.836	0.177
53	10	LDR-Unbiased	7.655	7.864	0.209
55	10	LDR-Unbiased	7.668	7.885	0.217
56	10	LDR-Unbiased	7.676	7.888	0.212
57	10	LDR-Unbiased	7.666	7.885	0.219
76	30	LDR-Biased	7.613	7.823	0.21
78	30	LDR-Biased	7.644	7.824	0.18
79	30	LDR-Biased	7.698	7.826	0.128
80	30	LDR-Biased	7.649	7.786	0.137
81	30	LDR-Biased	7.605	7.778	0.173
82	30	LDR-Unbiased	7.659	7.744	0.085
83	30	LDR-Unbiased	7.655	7.778	0.123
84	30	LDR-Unbiased	7.666	7.795	0.129
85	30	LDR-Unbiased	7.668	7.776	0.108
86	30	LDR-Unbiased	7.676	7.802	0.126
87	100	LDR-Biased	7.622	7.611	-0.011
88	100	LDR-Biased	7.666	7.638	-0.028
90	100	LDR-Biased	7.663	7.629	-0.034
91	100	LDR-Unbiased	7.663	7.648	-0.015
93	100	LDR-Unbiased	7.6	7.662	0.062
94	100	LDR-Unbiased	7.637	7.658	0.021
95	100	LDR-Unbiased	7.708	7.66	-0.048
96	100	LDR-Unbiased	7.668	7.724	0.056
106	50	LDR-Biased	7.613	7.881	0.268
108	50	LDR-Biased	7.644	7.913	0.269
109	50	LDR-Biased	7.698	7.927	0.229
110	50	LDR-Biased	7.649	7.9	0.251
111	50	LDR-Biased	7.605	7.896	0.291
112	50	LDR-Unbiased	7.659	7.865	0.206
113	50	LDR-Unbiased	7.655	7.9	0.245
115	50	LDR-Unbiased	7.668	7.916	0.248
116	50	LDR-Unbiased	7.676	7.93	0.254
117	50	LDR-Unbiased	7.666	7.934	0.268

TID vs Post - Pre Exposure Delta

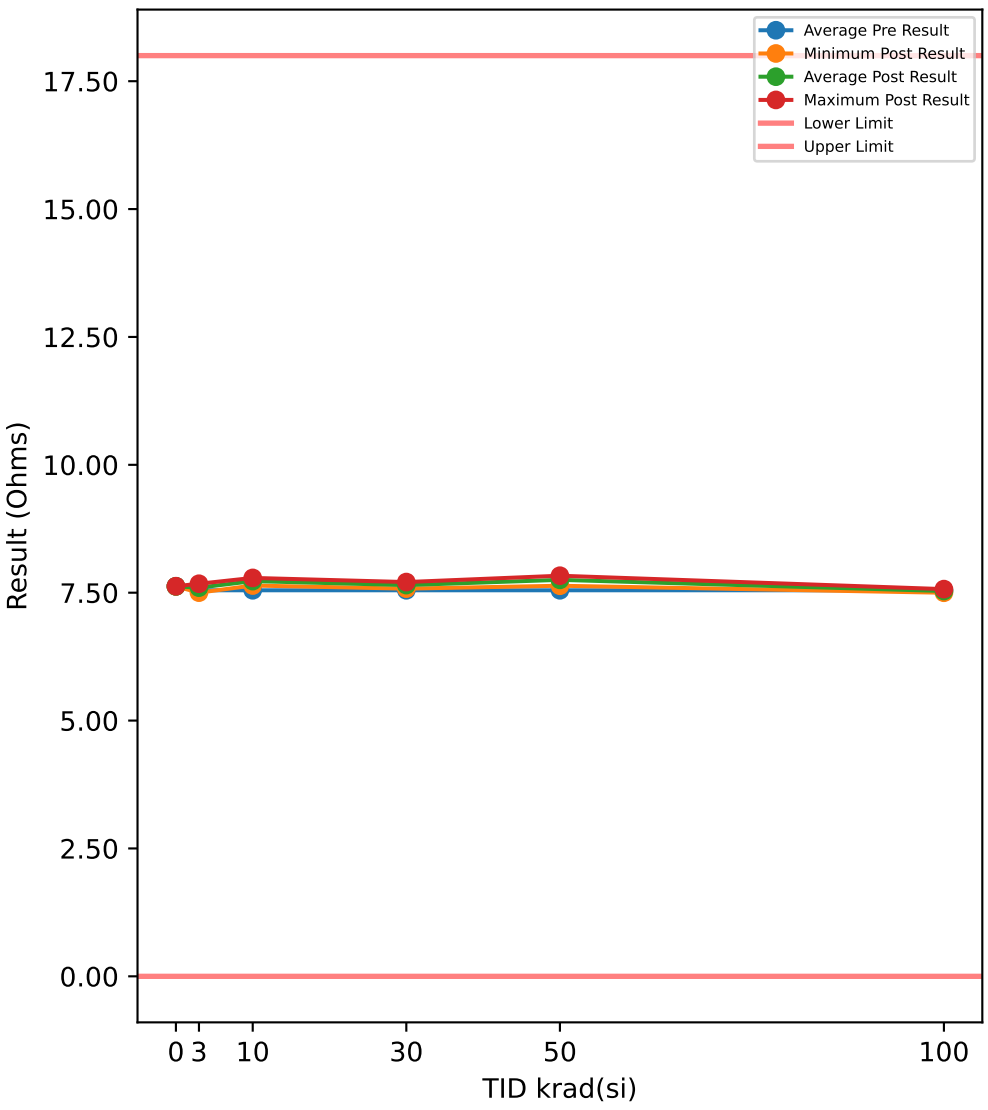


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.727	7.732	7.737	0.0070711	7.727	7.732	7.737	0.0070711	0	0	0	0
3	7.605	7.6533	7.698	0.027865	7.702	7.7424	7.76	0.016834	0.043	0.0891	0.143	0.029399
10	7.605	7.6533	7.698	0.027865	7.836	7.8751	7.888	0.015631	0.176	0.2218	0.274	0.033122
30	7.605	7.6533	7.698	0.027865	7.744	7.7932	7.826	0.026297	0.085	0.1399	0.21	0.037114
50	7.605	7.6533	7.698	0.027865	7.865	7.9062	7.934	0.02218	0.206	0.2529	0.291	0.023638
100	7.6	7.6534	7.708	0.033045	7.611	7.6537	7.724	0.033341	-0.048	0.000375	0.062	0.041421

Device Test: 18.19 Res_PU_EN2/EN2/7/14/0/0/2/@EN_RPMOS_HIGH_V

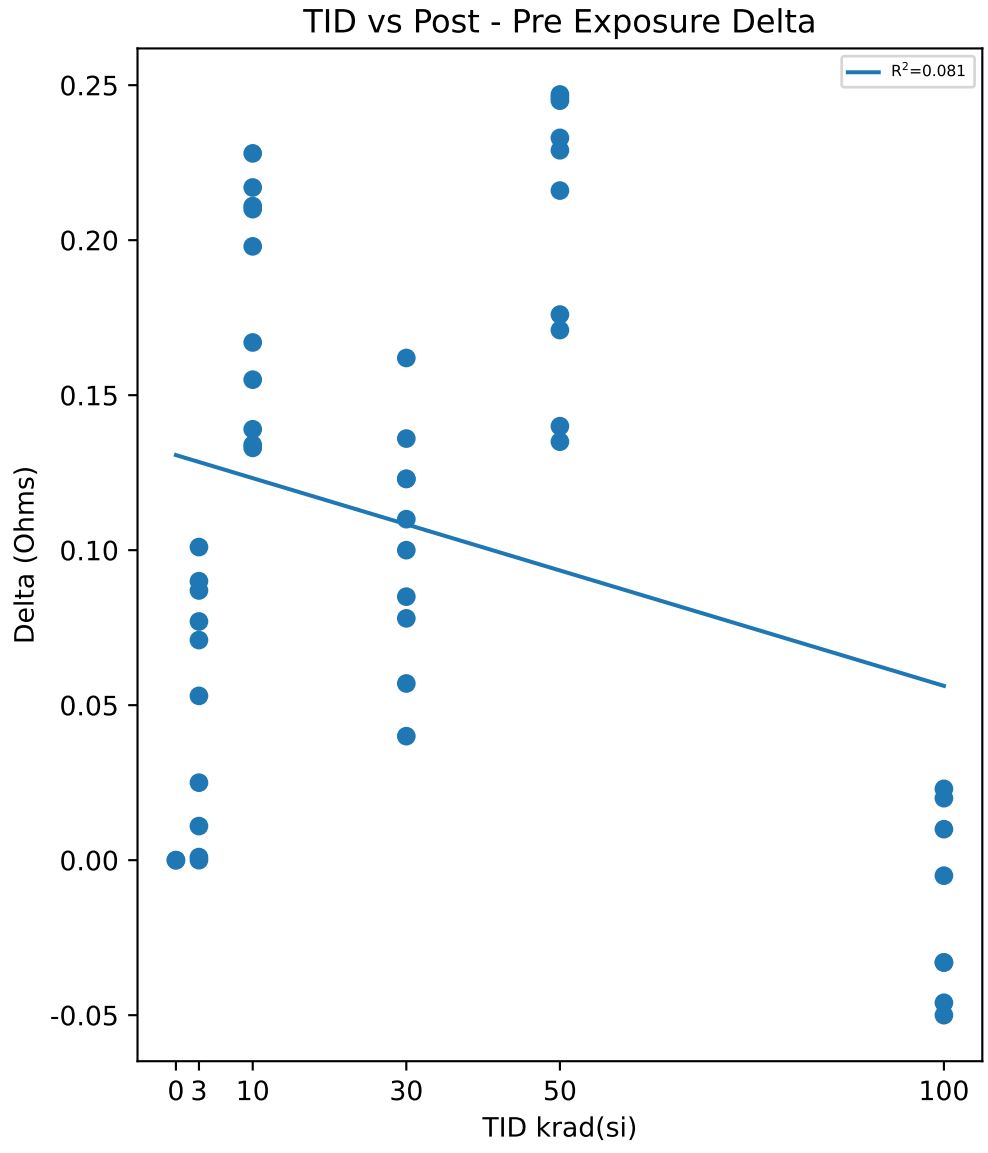
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	7.623	7.623	0
7	0	Correlation	7.627	7.627	0
16	3	LDR-Biased	7.501	7.501	0
18	3	LDR-Biased	7.507	7.584	0.077
19	3	LDR-Biased	7.588	7.613	0.025
20	3	LDR-Biased	7.548	7.549	0.001
21	3	LDR-Biased	7.518	7.605	0.087
22	3	LDR-Unbiased	7.582	7.593	0.011
23	3	LDR-Unbiased	7.504	7.605	0.101
25	3	LDR-Unbiased	7.579	7.65	0.071
26	3	LDR-Unbiased	7.585	7.675	0.09
27	3	LDR-Unbiased	7.56	7.613	0.053
46	10	LDR-Biased	7.501	7.64	0.139
48	10	LDR-Biased	7.507	7.718	0.211
49	10	LDR-Biased	7.588	7.743	0.155
50	10	LDR-Biased	7.548	7.681	0.133
51	10	LDR-Biased	7.518	7.735	0.217
52	10	LDR-Unbiased	7.582	7.716	0.134
53	10	LDR-Unbiased	7.504	7.732	0.228
55	10	LDR-Unbiased	7.579	7.789	0.21
56	10	LDR-Unbiased	7.585	7.783	0.198
57	10	LDR-Unbiased	7.56	7.727	0.167
76	30	LDR-Biased	7.501	7.579	0.078
78	30	LDR-Biased	7.507	7.669	0.162
79	30	LDR-Biased	7.588	7.688	0.1
80	30	LDR-Biased	7.548	7.605	0.057
81	30	LDR-Biased	7.518	7.628	0.11
82	30	LDR-Unbiased	7.582	7.622	0.04
83	30	LDR-Unbiased	7.504	7.64	0.136
84	30	LDR-Unbiased	7.56	7.645	0.085
85	30	LDR-Unbiased	7.579	7.702	0.123
86	30	LDR-Unbiased	7.585	7.708	0.123
87	100	LDR-Biased	7.501	7.511	0.01
88	100	LDR-Biased	7.555	7.522	-0.033
90	100	LDR-Biased	7.526	7.549	0.023
91	100	LDR-Unbiased	7.568	7.518	-0.05
93	100	LDR-Unbiased	7.521	7.541	0.02
94	100	LDR-Unbiased	7.545	7.499	-0.046
95	100	LDR-Unbiased	7.588	7.555	-0.033
96	100	LDR-Unbiased	7.575	7.57	-0.005
106	50	LDR-Biased	7.501	7.636	0.135
108	50	LDR-Biased	7.507	7.736	0.229
109	50	LDR-Biased	7.588	7.764	0.176
110	50	LDR-Biased	7.548	7.688	0.14
111	50	LDR-Biased	7.518	7.764	0.246
112	50	LDR-Unbiased	7.582	7.753	0.171
113	50	LDR-Unbiased	7.504	7.749	0.245
115	50	LDR-Unbiased	7.579	7.812	0.233
116	50	LDR-Unbiased	7.585	7.832	0.247
117	50	LDR-Unbiased	7.56	7.776	0.216

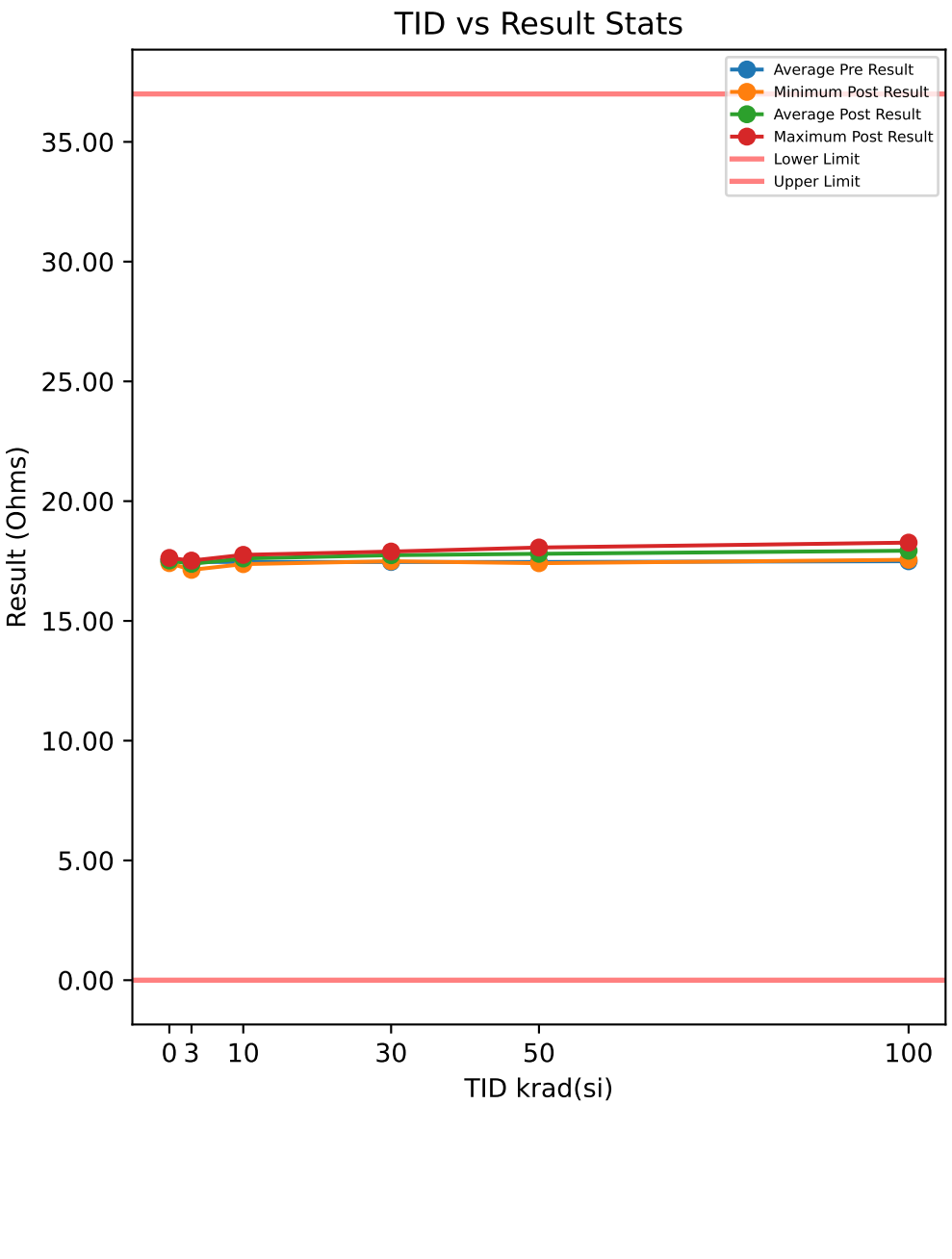
TID vs Post - Pre Exposure Delta

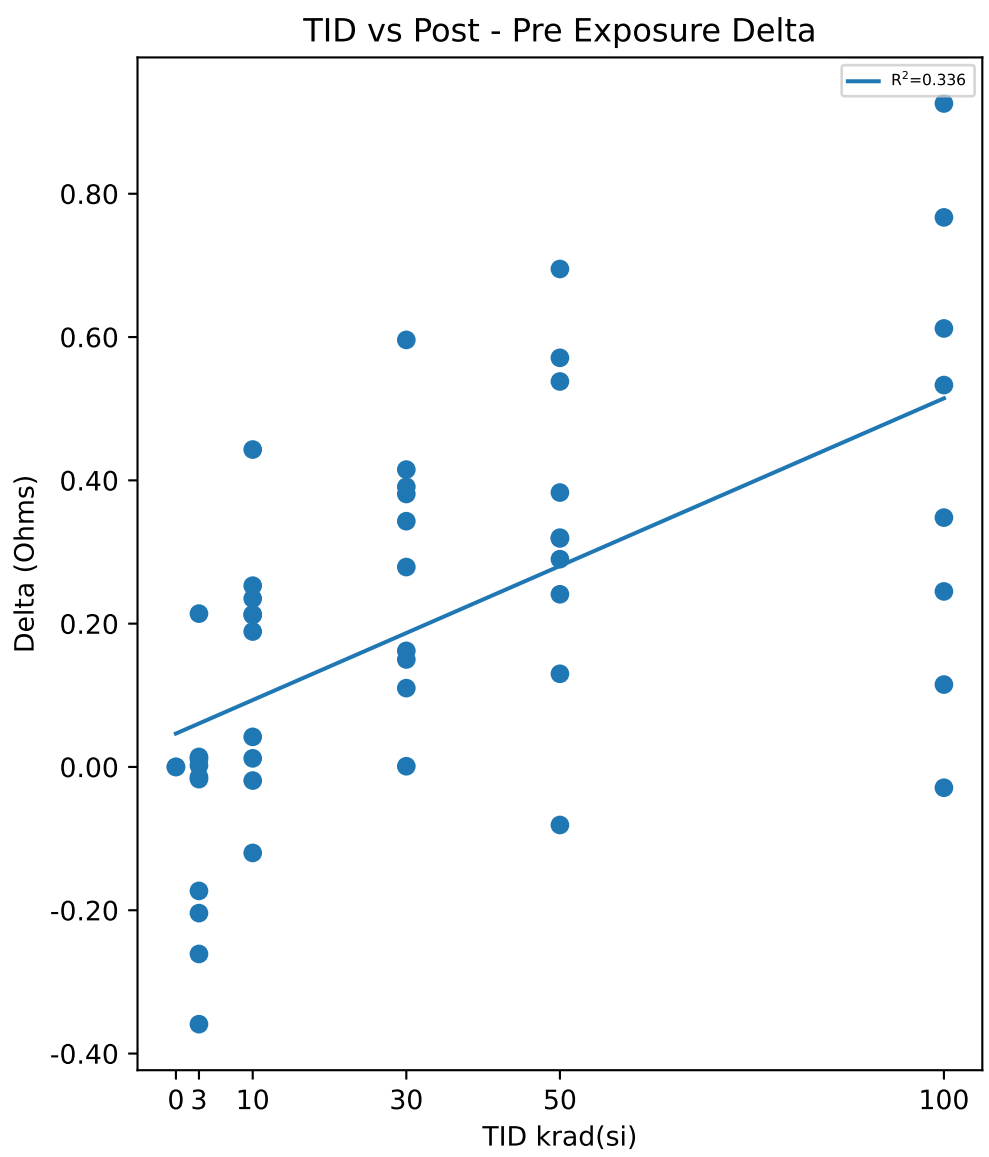


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.623	7.625	7.627	0.0028284	7.623	7.625	7.627	0.0028284	0	0	0	0
3	7.501	7.5472	7.588	0.036438	7.501	7.5988	7.675	0.04854	0	0.0516	0.101	0.039116
10	7.501	7.5472	7.588	0.036438	7.64	7.7264	7.789	0.043727	0.133	0.1792	0.228	0.037493
30	7.501	7.5472	7.588	0.036438	7.579	7.6486	7.708	0.042573	0.04	0.1014	0.162	0.037173
50	7.501	7.5472	7.588	0.036438	7.636	7.751	7.832	0.056443	0.135	0.2038	0.247	0.044264
100	7.501	7.5474	7.588	0.029775	7.499	7.5331	7.57	0.024375	-0.05	-0.01425	0.023	0.029817

Device Test: 18.2 Res_PU_EN3/EN3/1.6/3/0/0/2/@EN_RPMOS_LOW_V





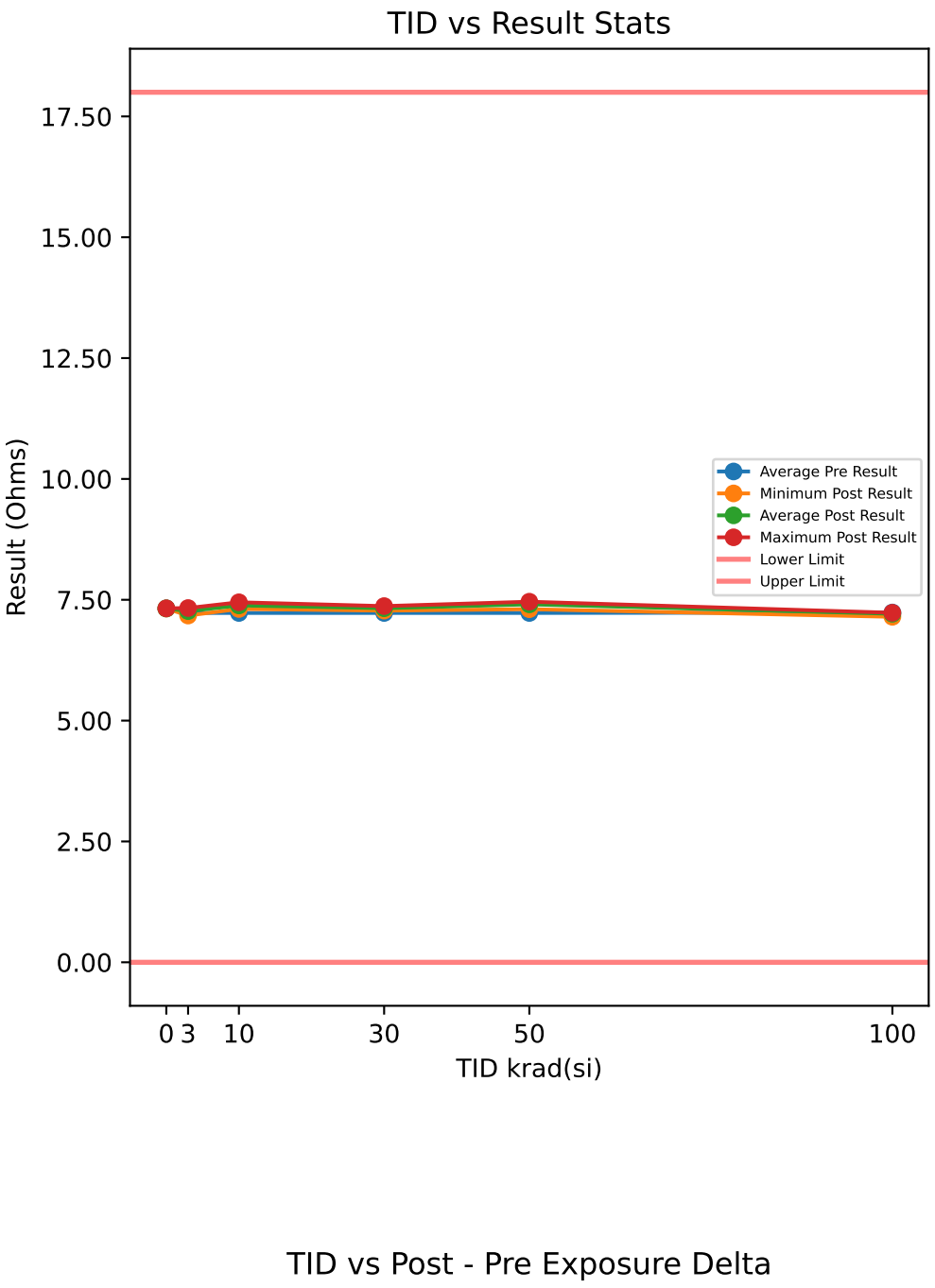
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

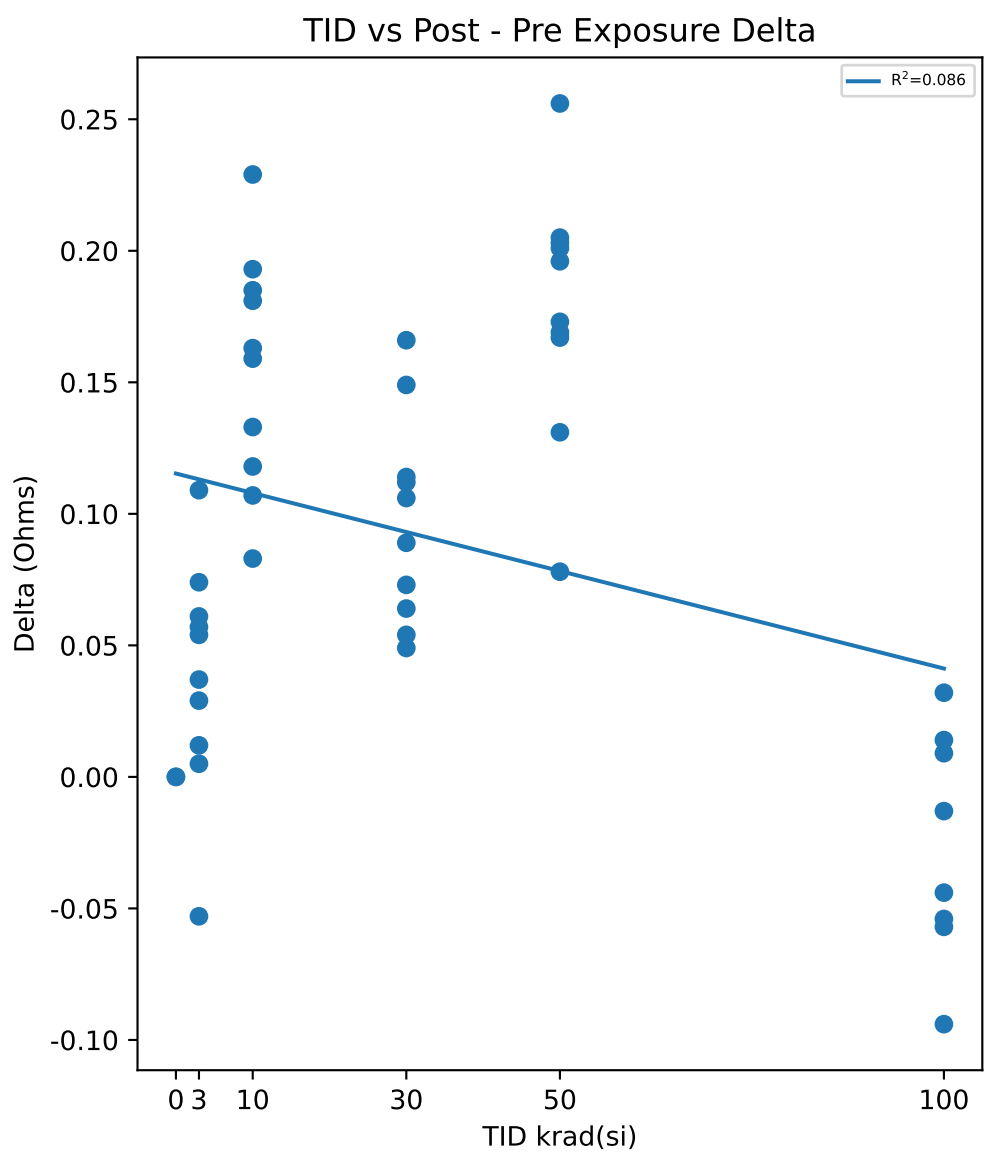
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	17.629	17.629	0
7	0	Correlation	17.413	17.413	0
16	3	LDR-Biased	17.49	17.131	-0.359
18	3	LDR-Biased	17.41	17.421	0.011
19	3	LDR-Biased	17.425	17.408	-0.017
20	3	LDR-Biased	17.431	17.227	-0.204
21	3	LDR-Biased	17.414	17.4	-0.014
22	3	LDR-Unbiased	17.649	17.388	-0.261
23	3	LDR-Unbiased	17.248	17.462	0.214
25	3	LDR-Unbiased	17.504	17.518	0.014
26	3	LDR-Unbiased	17.493	17.495	0.002
27	3	LDR-Unbiased	17.541	17.368	-0.173
46	10	LDR-Biased	17.49	17.37	-0.12
48	10	LDR-Biased	17.41	17.645	0.235
49	10	LDR-Biased	17.425	17.614	0.189
50	10	LDR-Biased	17.431	17.443	0.012
51	10	LDR-Biased	17.414	17.626	0.212
52	10	LDR-Unbiased	17.649	17.63	-0.019
53	10	LDR-Unbiased	17.248	17.691	0.443
55	10	LDR-Unbiased	17.504	17.757	0.253
56	10	LDR-Unbiased	17.493	17.706	0.213
57	10	LDR-Unbiased	17.541	17.583	0.042
76	30	LDR-Biased	17.49	17.491	0.001
78	30	LDR-Biased	17.41	17.825	0.415
79	30	LDR-Biased	17.425	17.768	0.343
80	30	LDR-Biased	17.431	17.581	0.15
81	30	LDR-Biased	17.414	17.693	0.279
82	30	LDR-Unbiased	17.649	17.759	0.11
83	30	LDR-Unbiased	17.248	17.844	0.596
84	30	LDR-Unbiased	17.541	17.703	0.162
85	30	LDR-Unbiased	17.504	17.895	0.391
86	30	LDR-Unbiased	17.493	17.874	0.381
87	100	LDR-Biased	17.342	18.268	0.926
88	100	LDR-Biased	17.581	17.552	-0.029
90	100	LDR-Biased	17.45	17.565	0.115
91	100	LDR-Unbiased	17.632	18.244	0.612
93	100	LDR-Unbiased	17.424	18.191	0.767
94	100	LDR-Unbiased	17.532	17.777	0.245
95	100	LDR-Unbiased	17.42	17.953	0.533
96	100	LDR-Unbiased	17.546	17.894	0.348
106	50	LDR-Biased	17.49	17.409	-0.081
108	50	LDR-Biased	17.41	17.793	0.383
109	50	LDR-Biased	17.425	17.744	0.319
110	50	LDR-Biased	17.431	17.561	0.13
111	50	LDR-Biased	17.414	17.734	0.32
112	50	LDR-Unbiased	17.649	17.89	0.241
113	50	LDR-Unbiased	17.248	17.943	0.695
115	50	LDR-Unbiased	17.504	18.042	0.538
116	50	LDR-Unbiased	17.493	18.064	0.571
117	50	LDR-Unbiased	17.541	17.831	0.29

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.413	17.521	17.629	0.15274	17.413	17.521	17.629	0.15274	0	0	0	0
3	17.248	17.461	17.649	0.10426	17.131	17.382	17.518	0.119	-0.359	-0.0787	0.214	0.16773
10	17.248	17.461	17.649	0.10426	17.37	17.607	17.757	0.11803	-0.12	0.146	0.443	0.165
30	17.248	17.461	17.649	0.10426	17.491	17.743	17.895	0.12992	0.001	0.2828	0.596	0.17703
50	17.248	17.461	17.649	0.10426	17.409	17.801	18.064	0.20421	-0.081	0.3406	0.695	0.22483
100	17.342	17.491	17.632	0.097174	17.552	17.93	18.268	0.28842	-0.029	0.43962	0.926	0.32807

Device Test: 18.20 Res_PU_EN3/EN3/7/14/0/0/2/@EN_RPMOS_HIGH_V





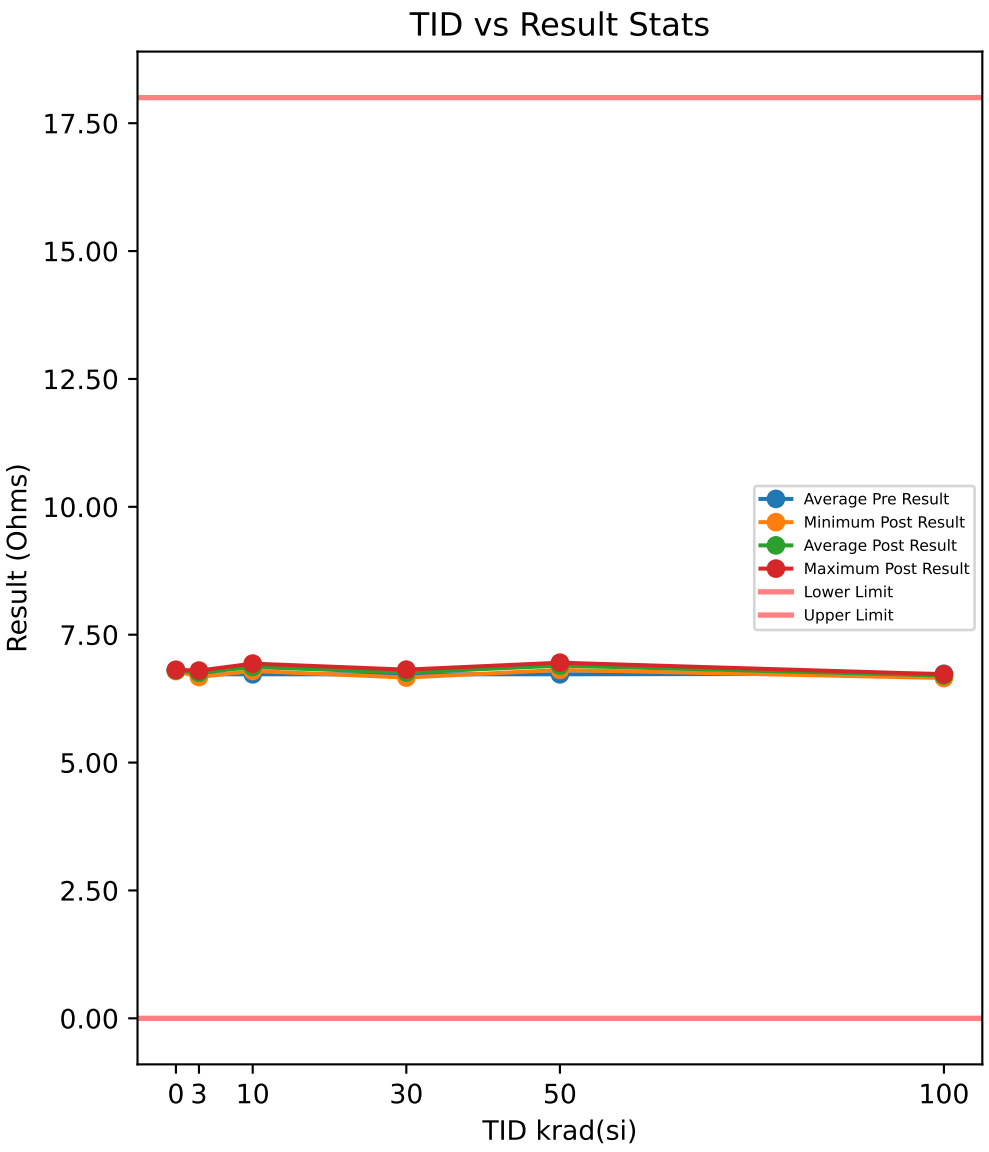
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

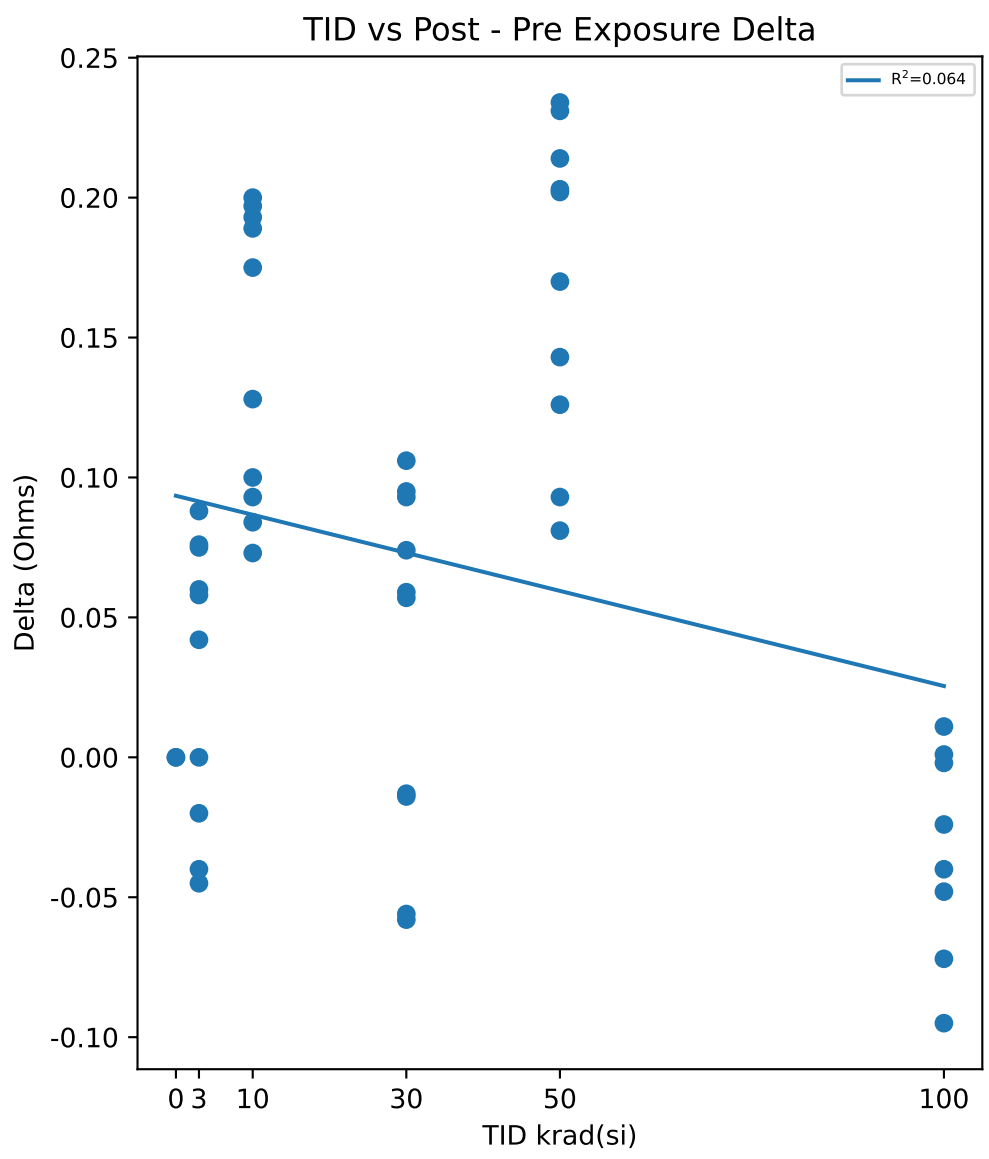
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	7.323	7.323	0
7	0	Correlation	7.319	7.319	0
16	3	LDR-Biased	7.227	7.174	-0.053
18	3	LDR-Biased	7.197	7.258	0.061
19	3	LDR-Biased	7.268	7.305	0.037
20	3	LDR-Biased	7.212	7.217	0.005
21	3	LDR-Biased	7.211	7.268	0.057
22	3	LDR-Unbiased	7.247	7.276	0.029
23	3	LDR-Unbiased	7.165	7.274	0.109
25	3	LDR-Unbiased	7.255	7.329	0.074
26	3	LDR-Unbiased	7.237	7.291	0.054
27	3	LDR-Unbiased	7.253	7.265	0.012
46	10	LDR-Biased	7.227	7.31	0.083
48	10	LDR-Biased	7.197	7.382	0.185
49	10	LDR-Biased	7.268	7.401	0.133
50	10	LDR-Biased	7.212	7.319	0.107
51	10	LDR-Biased	7.211	7.392	0.181
52	10	LDR-Unbiased	7.247	7.406	0.159
53	10	LDR-Unbiased	7.165	7.394	0.229
55	10	LDR-Unbiased	7.255	7.448	0.193
56	10	LDR-Unbiased	7.237	7.4	0.163
57	10	LDR-Unbiased	7.253	7.371	0.118
76	30	LDR-Biased	7.227	7.276	0.049
78	30	LDR-Biased	7.197	7.346	0.149
79	30	LDR-Biased	7.268	7.357	0.089
80	30	LDR-Biased	7.212	7.285	0.073
81	30	LDR-Biased	7.211	7.317	0.106
82	30	LDR-Unbiased	7.247	7.311	0.064
83	30	LDR-Unbiased	7.165	7.331	0.166
84	30	LDR-Unbiased	7.253	7.307	0.054
85	30	LDR-Unbiased	7.255	7.369	0.114
86	30	LDR-Unbiased	7.237	7.349	0.112
87	100	LDR-Biased	7.188	7.22	0.032
88	100	LDR-Biased	7.267	7.223	-0.044
90	100	LDR-Biased	7.212	7.221	0.009
91	100	LDR-Unbiased	7.243	7.23	-0.013
93	100	LDR-Unbiased	7.217	7.231	0.014
94	100	LDR-Unbiased	7.242	7.148	-0.094
95	100	LDR-Unbiased	7.269	7.212	-0.057
96	100	LDR-Unbiased	7.254	7.2	-0.054
106	50	LDR-Biased	7.227	7.305	0.078
108	50	LDR-Biased	7.197	7.398	0.201
109	50	LDR-Biased	7.268	7.437	0.169
110	50	LDR-Biased	7.212	7.343	0.131
111	50	LDR-Biased	7.211	7.407	0.196
112	50	LDR-Unbiased	7.247	7.414	0.167
113	50	LDR-Unbiased	7.165	7.421	0.256
115	50	LDR-Unbiased	7.255	7.46	0.205
116	50	LDR-Unbiased	7.237	7.44	0.203
117	50	LDR-Unbiased	7.253	7.426	0.173

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.319	7.321	7.323	0.0028284	7.319	7.321	7.323	0.0028284	0	0	0	0
3	7.165	7.2272	7.268	0.031386	7.174	7.2657	7.329	0.043732	-0.053	0.0385	0.109	0.044232
10	7.165	7.2272	7.268	0.031386	7.31	7.3823	7.448	0.041007	0.083	0.1551	0.229	0.044618
30	7.165	7.2272	7.268	0.031386	7.276	7.3248	7.369	0.030908	0.049	0.0976	0.166	0.039354
50	7.165	7.2272	7.268	0.031386	7.305	7.4051	7.46	0.04708	0.078	0.1779	0.256	0.047989
100	7.188	7.2365	7.269	0.028531	7.148	7.2106	7.231	0.027192	-0.094	-0.025875	0.032	0.043179

Device Test: 18.21 Res_PU_EN4/EN4/7/14/0/0/2/@EN_RPMOS_HIGH_V





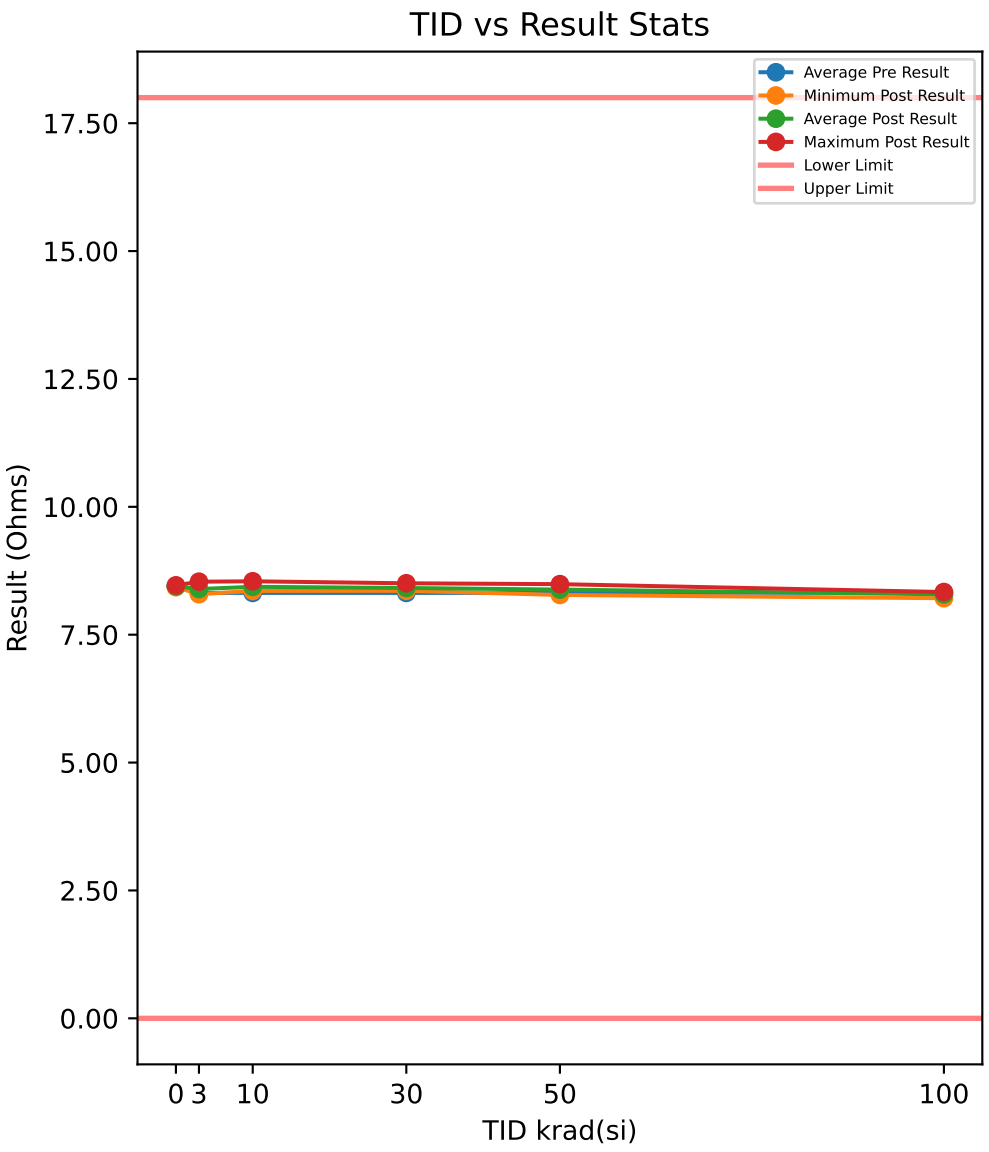
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

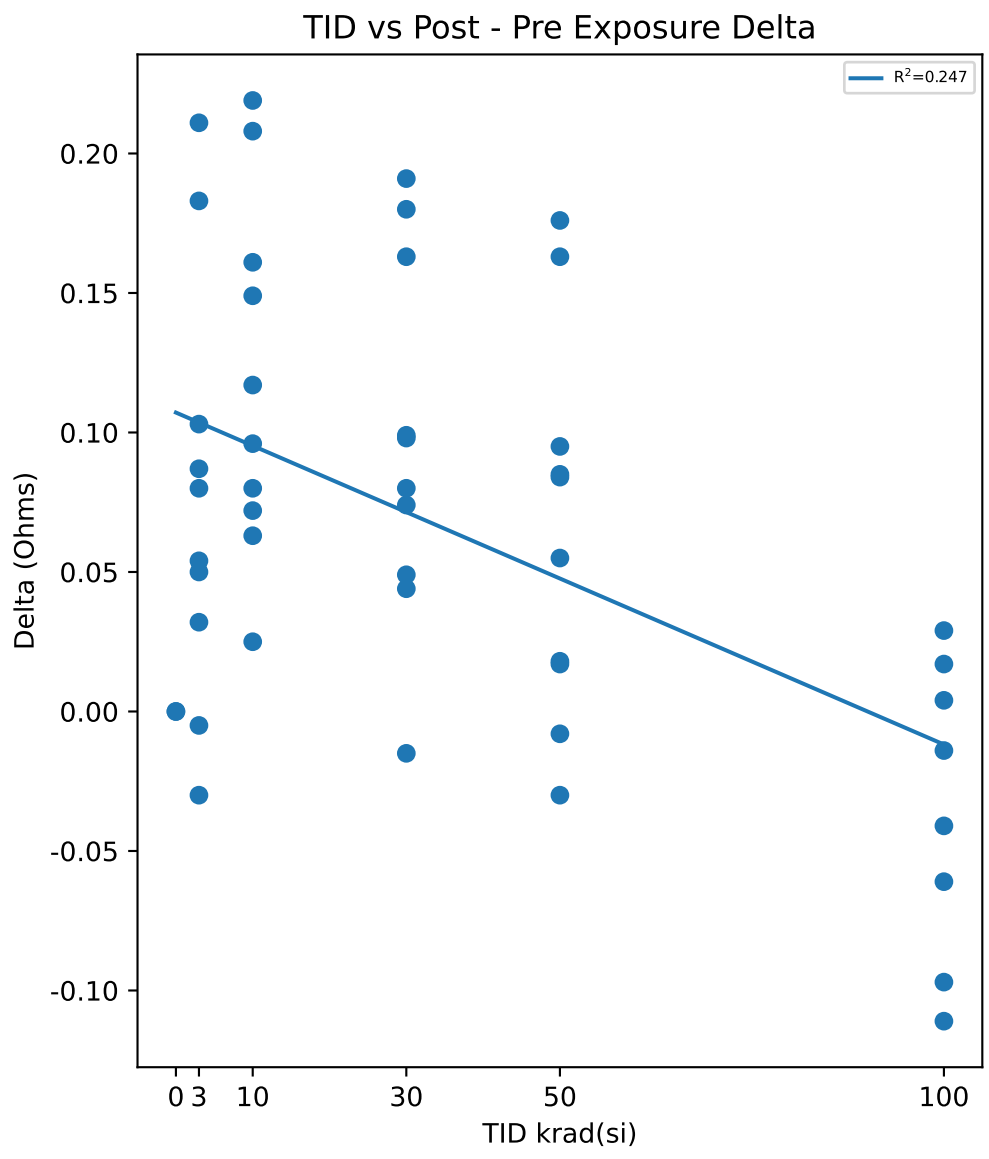
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	6.814	6.814	0
7	0	Correlation	6.789	6.789	0
16	3	LDR-Biased	6.74	6.7	-0.04
18	3	LDR-Biased	6.687	6.747	0.06
19	3	LDR-Biased	6.752	6.794	0.042
20	3	LDR-Biased	6.718	6.673	-0.045
21	3	LDR-Biased	6.697	6.772	0.075
22	3	LDR-Unbiased	6.769	6.749	-0.02
23	3	LDR-Unbiased	6.683	6.771	0.088
25	3	LDR-Unbiased	6.735	6.793	0.058
26	3	LDR-Unbiased	6.722	6.798	0.076
27	3	LDR-Unbiased	6.754	6.754	0
46	10	LDR-Biased	6.74	6.824	0.084
48	10	LDR-Biased	6.687	6.876	0.189
49	10	LDR-Biased	6.752	6.88	0.128
50	10	LDR-Biased	6.718	6.791	0.073
51	10	LDR-Biased	6.697	6.89	0.193
52	10	LDR-Unbiased	6.769	6.862	0.093
53	10	LDR-Unbiased	6.683	6.88	0.197
55	10	LDR-Unbiased	6.735	6.935	0.2
56	10	LDR-Unbiased	6.722	6.897	0.175
57	10	LDR-Unbiased	6.754	6.854	0.1
76	30	LDR-Biased	6.74	6.727	-0.013
78	30	LDR-Biased	6.687	6.78	0.093
79	30	LDR-Biased	6.752	6.809	0.057
80	30	LDR-Biased	6.718	6.662	-0.056
81	30	LDR-Biased	6.697	6.756	0.059
82	30	LDR-Unbiased	6.769	6.711	-0.058
83	30	LDR-Unbiased	6.683	6.789	0.106
84	30	LDR-Unbiased	6.754	6.74	-0.014
85	30	LDR-Unbiased	6.735	6.809	0.074
86	30	LDR-Unbiased	6.722	6.817	0.095
87	100	LDR-Biased	6.708	6.706	-0.002
88	100	LDR-Biased	6.774	6.726	-0.048
90	100	LDR-Biased	6.72	6.721	0.001
91	100	LDR-Unbiased	6.756	6.716	-0.04
93	100	LDR-Unbiased	6.709	6.72	0.011
94	100	LDR-Unbiased	6.748	6.653	-0.095
95	100	LDR-Unbiased	6.723	6.699	-0.024
96	100	LDR-Unbiased	6.747	6.675	-0.072
106	50	LDR-Biased	6.74	6.821	0.081
108	50	LDR-Biased	6.687	6.889	0.202
109	50	LDR-Biased	6.752	6.922	0.17
110	50	LDR-Biased	6.718	6.811	0.093
111	50	LDR-Biased	6.697	6.911	0.214
112	50	LDR-Unbiased	6.769	6.895	0.126
113	50	LDR-Unbiased	6.683	6.917	0.234
115	50	LDR-Unbiased	6.735	6.938	0.203
116	50	LDR-Unbiased	6.722	6.953	0.231
117	50	LDR-Unbiased	6.754	6.897	0.143

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.789	6.8015	6.814	0.017678	6.789	6.8015	6.814	0.017678	0	0	0	0
3	6.683	6.7257	6.769	0.029582	6.673	6.7551	6.798	0.041108	-0.045	0.0294	0.088	0.050831
10	6.683	6.7257	6.769	0.029582	6.791	6.8689	6.935	0.039798	0.073	0.1432	0.2	0.052451
30	6.683	6.7257	6.769	0.029582	6.662	6.76	6.817	0.050334	-0.058	0.0343	0.106	0.063435
50	6.683	6.7257	6.769	0.029582	6.811	6.8954	6.953	0.046251	0.081	0.1697	0.234	0.056155
100	6.708	6.7356	6.774	0.024041	6.653	6.702	6.726	0.025668	-0.095	-0.033625	0.011	0.037359

Device Test: 18.22 Res_PU_PWRDG/PWRGD/7/14/0/0/2/@PWRGD_RPMOS_HIGH_V





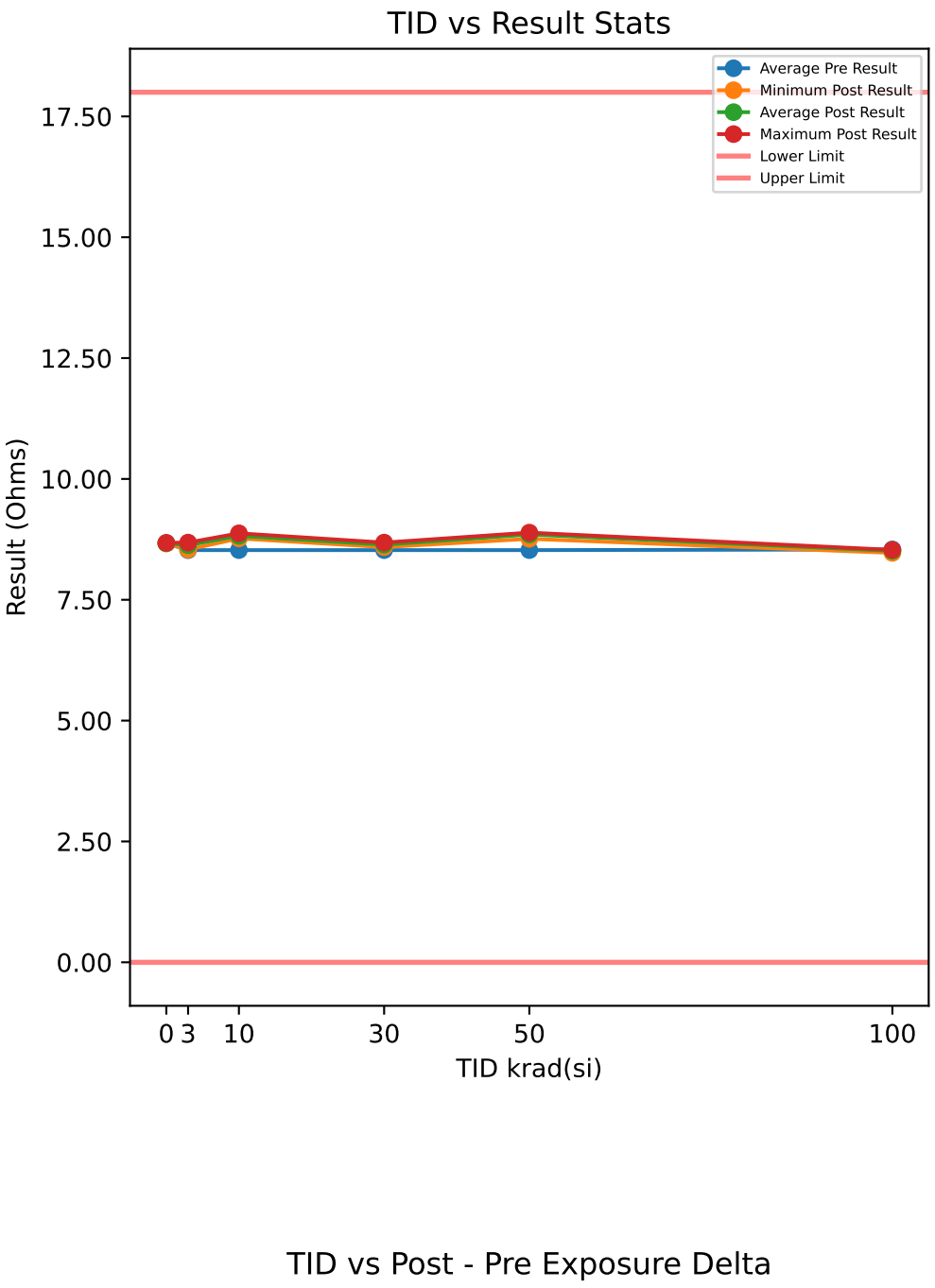
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

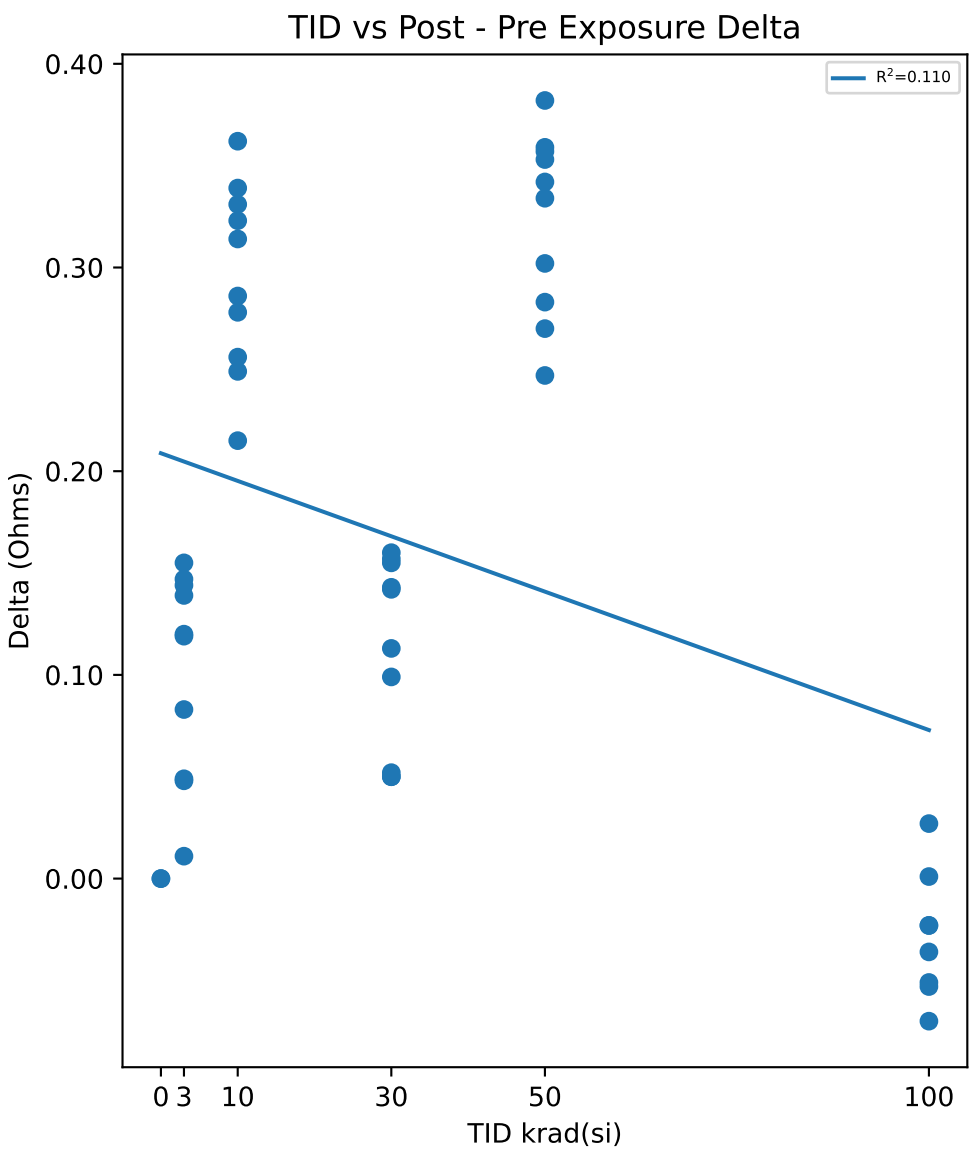
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	8.465	8.465	0
7	0	Correlation	8.429	8.429	0
16	3	LDR-Biased	8.26	8.292	0.032
18	3	LDR-Biased	8.263	8.343	0.08
19	3	LDR-Biased	8.369	8.423	0.054
20	3	LDR-Biased	8.331	8.326	-0.005
21	3	LDR-Biased	8.293	8.396	0.103
22	3	LDR-Unbiased	8.373	8.343	-0.03
23	3	LDR-Unbiased	8.242	8.425	0.183
25	3	LDR-Unbiased	8.325	8.536	0.211
26	3	LDR-Unbiased	8.347	8.434	0.087
27	3	LDR-Unbiased	8.366	8.416	0.05
46	10	LDR-Biased	8.26	8.356	0.096
48	10	LDR-Biased	8.263	8.424	0.161
49	10	LDR-Biased	8.369	8.441	0.072
50	10	LDR-Biased	8.331	8.394	0.063
51	10	LDR-Biased	8.293	8.442	0.149
52	10	LDR-Unbiased	8.373	8.398	0.025
53	10	LDR-Unbiased	8.242	8.45	0.208
55	10	LDR-Unbiased	8.325	8.544	0.219
56	10	LDR-Unbiased	8.347	8.464	0.117
57	10	LDR-Unbiased	8.366	8.446	0.08
76	30	LDR-Biased	8.26	8.359	0.099
78	30	LDR-Biased	8.263	8.426	0.163
79	30	LDR-Biased	8.369	8.443	0.074
80	30	LDR-Biased	8.331	8.375	0.044
81	30	LDR-Biased	8.293	8.391	0.098
82	30	LDR-Unbiased	8.373	8.358	-0.015
83	30	LDR-Unbiased	8.242	8.433	0.191
84	30	LDR-Unbiased	8.366	8.415	0.049
85	30	LDR-Unbiased	8.325	8.505	0.18
86	30	LDR-Unbiased	8.347	8.427	0.08
87	100	LDR-Biased	8.282	8.286	0.004
88	100	LDR-Biased	8.335	8.321	-0.014
90	100	LDR-Biased	8.294	8.323	0.029
91	100	LDR-Unbiased	8.35	8.289	-0.061
93	100	LDR-Unbiased	8.317	8.334	0.017
94	100	LDR-Unbiased	8.31	8.213	-0.097
95	100	LDR-Unbiased	8.317	8.276	-0.041
96	100	LDR-Unbiased	8.382	8.271	-0.111
106	50	LDR-Biased	8.26	8.277	0.017
108	50	LDR-Biased	8.263	8.358	0.095
109	50	LDR-Biased	8.369	8.387	0.018
110	50	LDR-Biased	8.331	8.323	-0.008
111	50	LDR-Biased	8.293	8.378	0.085
112	50	LDR-Unbiased	8.373	8.343	-0.03
113	50	LDR-Unbiased	8.242	8.418	0.176
115	50	LDR-Unbiased	8.325	8.488	0.163
116	50	LDR-Unbiased	8.347	8.431	0.084
117	50	LDR-Unbiased	8.366	8.421	0.055

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.429	8.447	8.465	0.025456	8.429	8.447	8.465	0.025456	0	0	0	0
3	8.242	8.3169	8.373	0.049179	8.292	8.3934	8.536	0.070143	-0.03	0.0765	0.211	0.075594
10	8.242	8.3169	8.373	0.049179	8.356	8.4359	8.544	0.050063	0.025	0.119	0.219	0.063962
30	8.242	8.3169	8.373	0.049179	8.358	8.4132	8.505	0.044723	-0.015	0.0963	0.191	0.065452
50	8.242	8.3169	8.373	0.049179	8.277	8.3824	8.488	0.060641	-0.03	0.0655	0.176	0.068759
100	8.282	8.3234	8.382	0.031883	8.213	8.2891	8.334	0.038698	-0.111	-0.03425	0.029	0.052221

Device Test: 18.23 Res_PU_SEQ/SEQ_DONE/7/14/0/0/2/@SEQDONE_RPMOS_HIGH_V





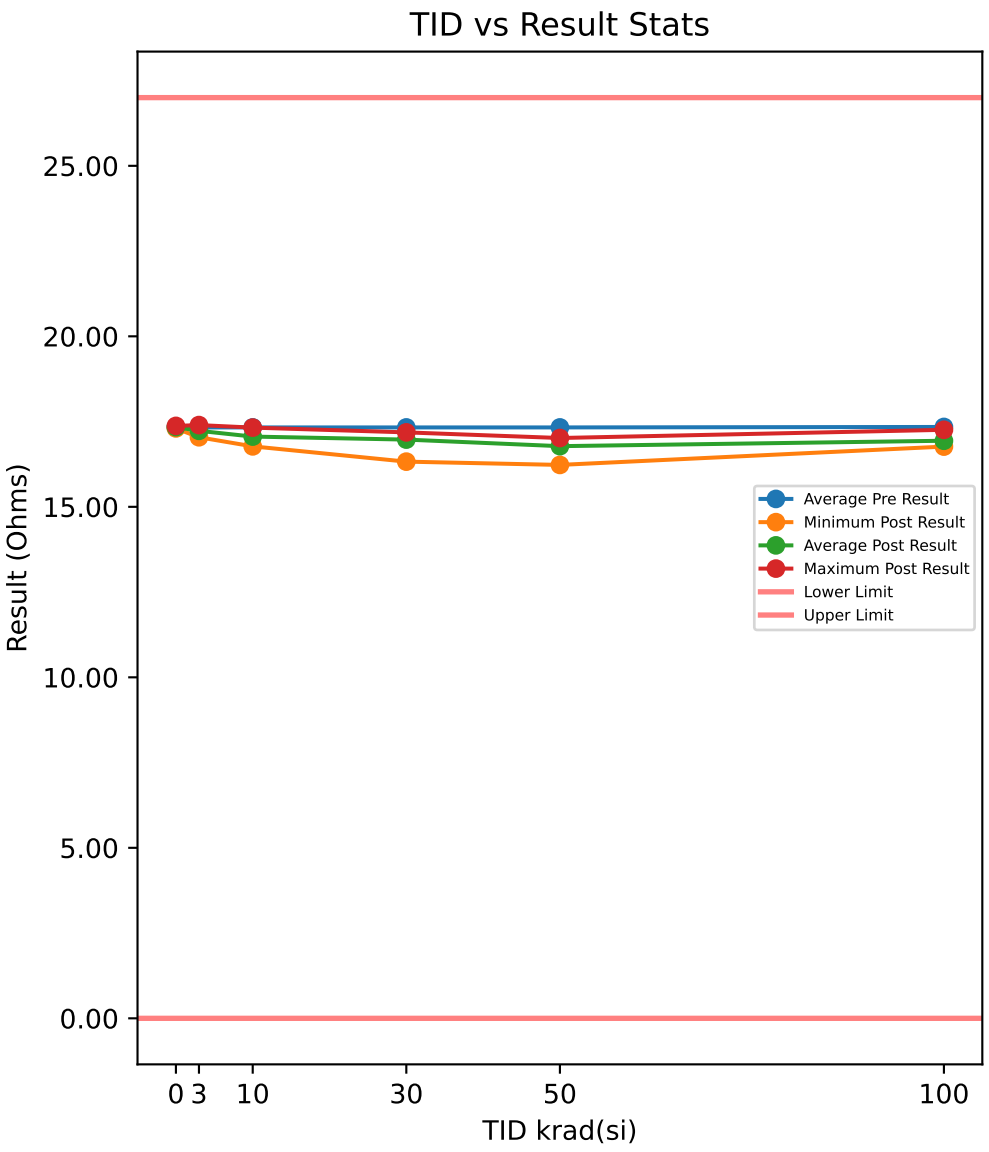
Test Results (Lower Limit = 0.0, Upper Limit = 18.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	8.666	8.666	0
7	0	Correlation	8.677	8.677	0
16	3	LDR-Biased	8.491	8.54	0.049
18	3	LDR-Biased	8.486	8.606	0.12
19	3	LDR-Biased	8.528	8.667	0.139
20	3	LDR-Biased	8.57	8.581	0.011
21	3	LDR-Biased	8.502	8.657	0.155
22	3	LDR-Unbiased	8.555	8.603	0.048
23	3	LDR-Unbiased	8.489	8.633	0.144
25	3	LDR-Unbiased	8.536	8.683	0.147
26	3	LDR-Unbiased	8.538	8.657	0.119
27	3	LDR-Unbiased	8.579	8.662	0.083
46	10	LDR-Biased	8.491	8.769	0.278
48	10	LDR-Biased	8.486	8.8	0.314
49	10	LDR-Biased	8.528	8.851	0.323
50	10	LDR-Biased	8.57	8.785	0.215
51	10	LDR-Biased	8.502	8.864	0.362
52	10	LDR-Unbiased	8.555	8.804	0.249
53	10	LDR-Unbiased	8.489	8.82	0.331
55	10	LDR-Unbiased	8.536	8.875	0.339
56	10	LDR-Unbiased	8.538	8.824	0.286
57	10	LDR-Unbiased	8.579	8.835	0.256
76	30	LDR-Biased	8.491	8.59	0.099
78	30	LDR-Biased	8.486	8.643	0.157
79	30	LDR-Biased	8.528	8.683	0.155
80	30	LDR-Biased	8.57	8.62	0.05
81	30	LDR-Biased	8.502	8.644	0.142
82	30	LDR-Unbiased	8.555	8.605	0.05
83	30	LDR-Unbiased	8.489	8.649	0.16
84	30	LDR-Unbiased	8.579	8.631	0.052
85	30	LDR-Unbiased	8.536	8.679	0.143
86	30	LDR-Unbiased	8.538	8.651	0.113
87	100	LDR-Biased	8.532	8.509	-0.023
88	100	LDR-Biased	8.534	8.511	-0.023
90	100	LDR-Biased	8.52	8.521	0.001
91	100	LDR-Unbiased	8.557	8.521	-0.036
93	100	LDR-Unbiased	8.505	8.532	0.027
94	100	LDR-Unbiased	8.521	8.47	-0.051
95	100	LDR-Unbiased	8.569	8.516	-0.053
96	100	LDR-Unbiased	8.587	8.517	-0.07
106	50	LDR-Biased	8.491	8.761	0.27
108	50	LDR-Biased	8.486	8.828	0.342
109	50	LDR-Biased	8.528	8.887	0.359
110	50	LDR-Biased	8.57	8.817	0.247
111	50	LDR-Biased	8.502	8.859	0.357
112	50	LDR-Unbiased	8.555	8.838	0.283
113	50	LDR-Unbiased	8.489	8.871	0.382
115	50	LDR-Unbiased	8.536	8.889	0.353
116	50	LDR-Unbiased	8.538	8.872	0.334
117	50	LDR-Unbiased	8.579	8.881	0.302

Test Statistics (Ohms)

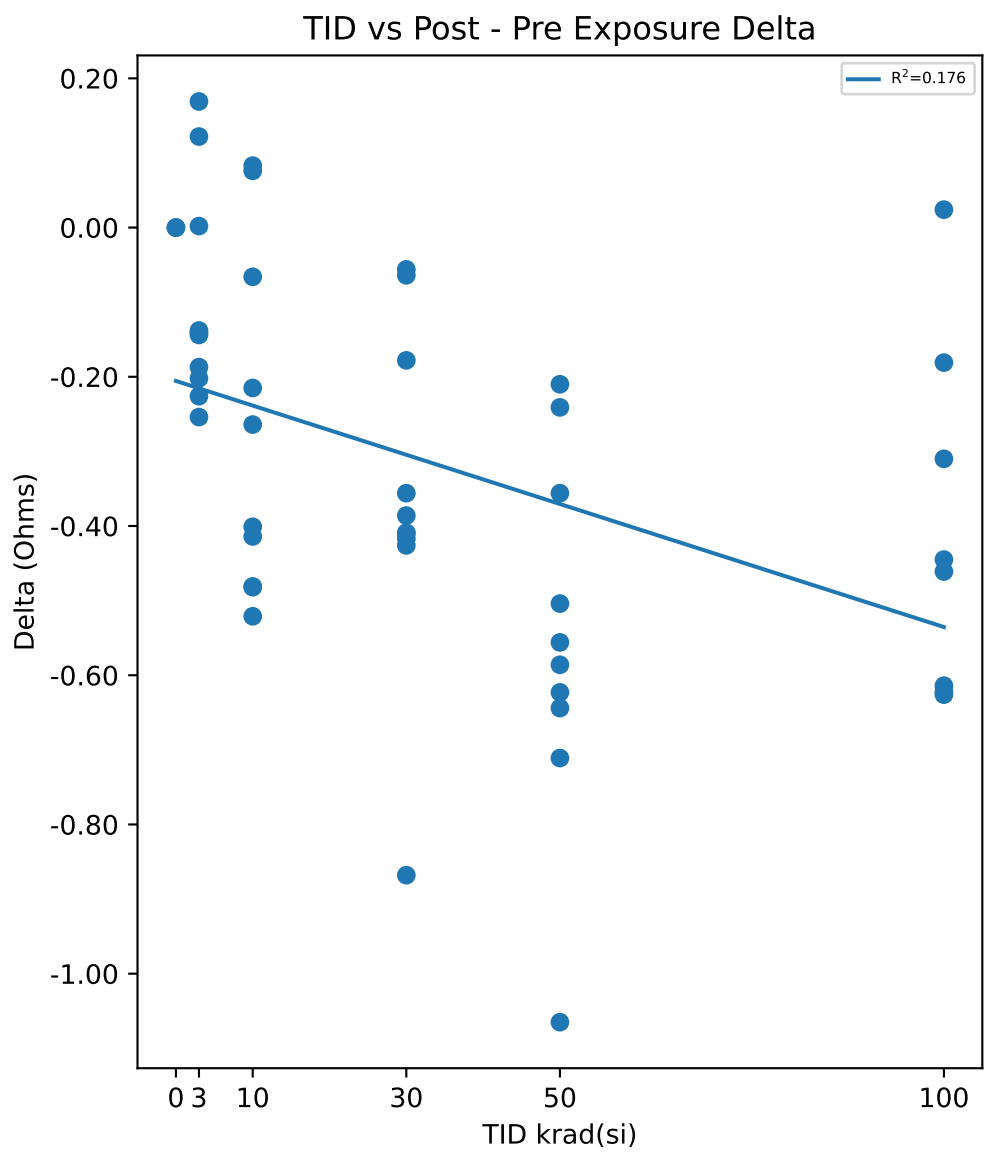
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.666	8.6715	8.677	0.0077782	8.666	8.6715	8.677	0.0077782	0	0	0	0
3	8.486	8.5274	8.579	0.034294	8.54	8.6289	8.683	0.045293	0.011	0.1015	0.155	0.050491
10	8.486	8.5274	8.579	0.034294	8.769	8.8227	8.875	0.034274	0.215	0.2953	0.362	0.046275
30	8.486	8.5274	8.579	0.034294	8.59	8.6395	8.683	0.02944	0.05	0.1121	0.16	0.046544
50	8.486	8.5274	8.579	0.034294	8.761	8.8503	8.889	0.04013	0.247	0.3229	0.382	0.044648
100	8.505	8.5406	8.587	0.027831	8.47	8.5121	8.532	0.018427	-0.07	-0.0285	0.027	0.031387

Device Test: 18.24 Res_PD_EN1/EN1/1.6/3/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

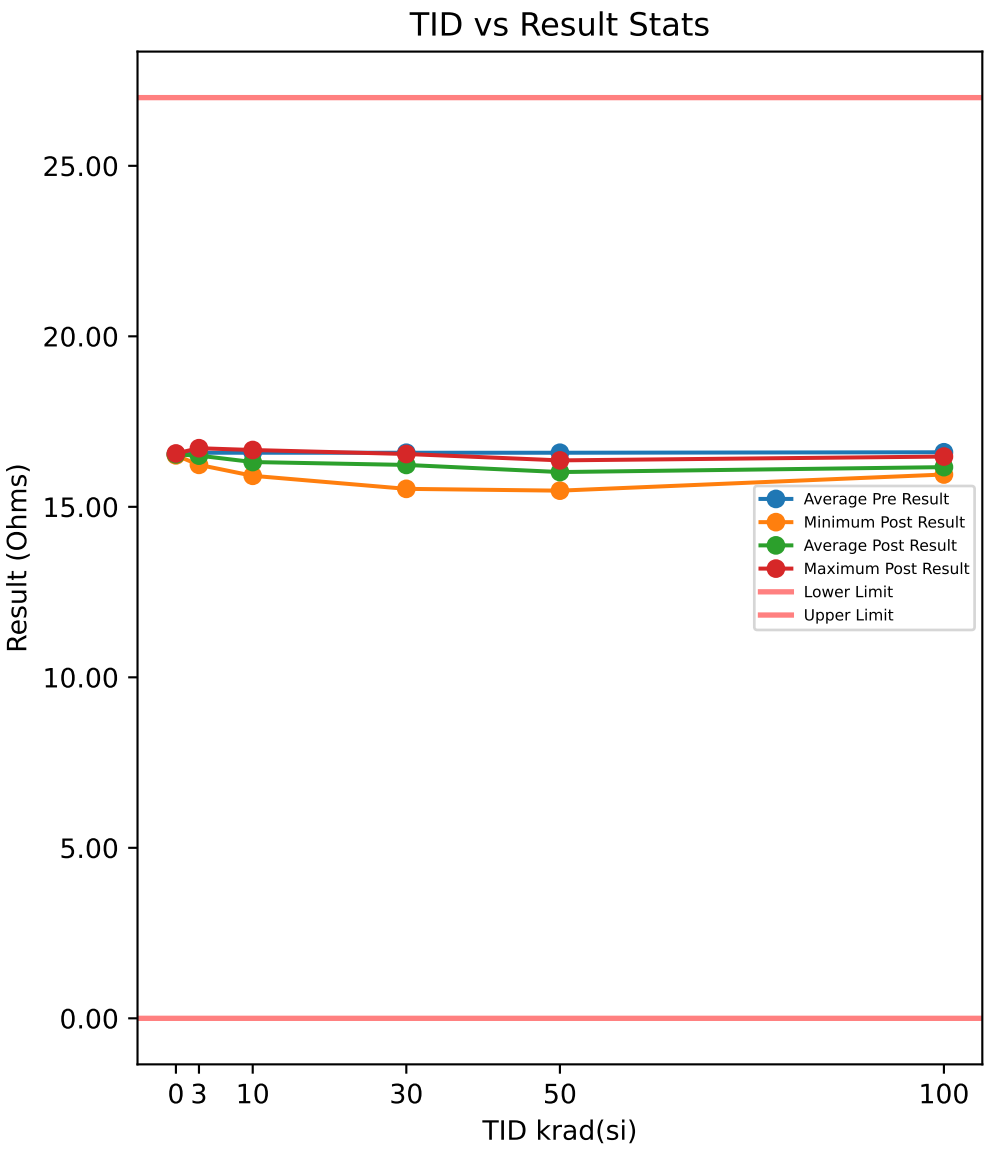
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	17.3	17.3	0
7	0	Correlation	17.373	17.373	0
16	3	LDR-Biased	17.359	17.133	-0.226
18	3	LDR-Biased	17.193	17.052	-0.141
19	3	LDR-Biased	17.33	17.128	-0.202
20	3	LDR-Biased	17.294	17.04	-0.254
21	3	LDR-Biased	17.48	17.336	-0.144
22	3	LDR-Unbiased	17.247	17.369	0.122
23	3	LDR-Unbiased	17.268	17.27	0.002
25	3	LDR-Unbiased	17.419	17.232	-0.187
26	3	LDR-Unbiased	17.466	17.328	-0.138
27	3	LDR-Unbiased	17.228	17.397	0.169
46	10	LDR-Biased	17.359	16.877	-0.482
48	10	LDR-Biased	17.193	16.779	-0.414
49	10	LDR-Biased	17.33	16.849	-0.481
50	10	LDR-Biased	17.294	16.773	-0.521
51	10	LDR-Biased	17.48	17.079	-0.401
52	10	LDR-Unbiased	17.247	17.323	0.076
53	10	LDR-Unbiased	17.268	17.202	-0.066
55	10	LDR-Unbiased	17.419	17.155	-0.264
56	10	LDR-Unbiased	17.466	17.251	-0.215
57	10	LDR-Unbiased	17.228	17.311	0.083
76	30	LDR-Biased	17.359	16.942	-0.417
78	30	LDR-Biased	17.193	16.325	-0.868
79	30	LDR-Biased	17.33	16.921	-0.409
80	30	LDR-Biased	17.294	16.868	-0.426
81	30	LDR-Biased	17.48	17.07	-0.41
82	30	LDR-Unbiased	17.247	17.183	-0.064
83	30	LDR-Unbiased	17.268	17.09	-0.178
84	30	LDR-Unbiased	17.228	17.172	-0.056
85	30	LDR-Unbiased	17.419	17.033	-0.386
86	30	LDR-Unbiased	17.466	17.11	-0.356
87	100	LDR-Biased	17.478	16.856	-0.622
88	100	LDR-Biased	17.439	17.258	-0.181
90	100	LDR-Biased	17.233	17.257	0.024
91	100	LDR-Unbiased	17.244	16.783	-0.461
93	100	LDR-Unbiased	17.491	16.877	-0.614
94	100	LDR-Unbiased	17.392	16.766	-0.626
95	100	LDR-Unbiased	17.223	16.913	-0.31
96	100	LDR-Unbiased	17.238	16.793	-0.445
106	50	LDR-Biased	17.359	16.648	-0.711
108	50	LDR-Biased	17.193	16.57	-0.623
109	50	LDR-Biased	17.33	16.686	-0.644
110	50	LDR-Biased	17.294	16.229	-1.065
111	50	LDR-Biased	17.48	16.894	-0.586
112	50	LDR-Unbiased	17.247	17.006	-0.241
113	50	LDR-Unbiased	17.268	16.912	-0.356
115	50	LDR-Unbiased	17.419	16.863	-0.556
116	50	LDR-Unbiased	17.466	16.962	-0.504
117	50	LDR-Unbiased	17.228	17.018	-0.21



Test Statistics (Ohms)

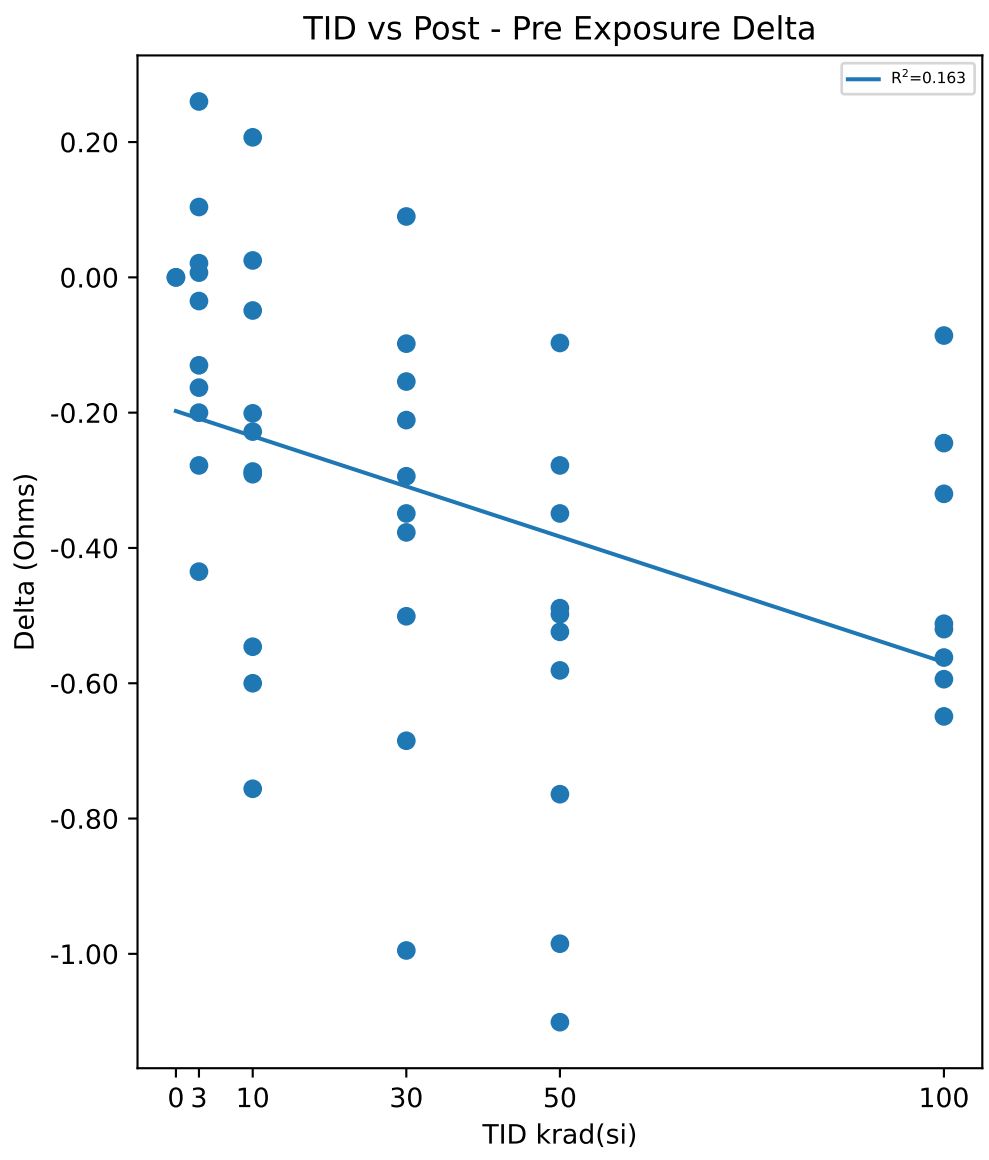
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.3	17.337	17.373	0.051619	17.3	17.337	17.373	0.051619	0	0	0	0
3	17.193	17.328	17.48	0.10052	17.04	17.229	17.397	0.13217	-0.254	-0.0999	0.169	0.14707
10	17.193	17.328	17.48	0.10052	16.773	17.06	17.323	0.22049	-0.521	-0.2685	0.083	0.23078
30	17.193	17.328	17.48	0.10052	16.325	16.971	17.183	0.25027	-0.868	-0.357	-0.056	0.23198
50	17.193	17.328	17.48	0.10052	16.229	16.779	17.018	0.24768	-1.065	-0.5496	-0.21	0.24888
100	17.223	17.342	17.491	0.11896	16.766	16.938	17.258	0.20349	-0.626	-0.40437	0.024	0.23531

Device Test: 18.25 Res_PD_EN2/EN2/1.6/3/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	16.509	16.509	0
7	0	Correlation	16.565	16.565	0
16	3	LDR-Biased	16.666	16.231	-0.435
18	3	LDR-Biased	16.522	16.322	-0.2
19	3	LDR-Biased	16.58	16.587	0.007
20	3	LDR-Biased	16.575	16.297	-0.278
21	3	LDR-Biased	16.664	16.629	-0.035
22	3	LDR-Unbiased	16.459	16.719	0.26
23	3	LDR-Unbiased	16.608	16.629	0.021
25	3	LDR-Unbiased	16.575	16.412	-0.163
26	3	LDR-Unbiased	16.669	16.539	-0.13
27	3	LDR-Unbiased	16.542	16.646	0.104
46	10	LDR-Biased	16.666	15.91	-0.756
48	10	LDR-Biased	16.522	15.976	-0.546
49	10	LDR-Biased	16.58	16.293	-0.287
50	10	LDR-Biased	16.575	15.975	-0.6
51	10	LDR-Biased	16.664	16.373	-0.291
52	10	LDR-Unbiased	16.459	16.666	0.207
53	10	LDR-Unbiased	16.608	16.559	-0.049
55	10	LDR-Unbiased	16.575	16.347	-0.228
56	10	LDR-Unbiased	16.669	16.468	-0.201
57	10	LDR-Unbiased	16.542	16.567	0.025
76	30	LDR-Biased	16.666	15.981	-0.685
78	30	LDR-Biased	16.522	15.527	-0.995
79	30	LDR-Biased	16.58	16.369	-0.211
80	30	LDR-Biased	16.575	16.074	-0.501
81	30	LDR-Biased	16.664	16.37	-0.294
82	30	LDR-Unbiased	16.459	16.549	0.09
83	30	LDR-Unbiased	16.608	16.454	-0.154
84	30	LDR-Unbiased	16.542	16.444	-0.098
85	30	LDR-Unbiased	16.575	16.198	-0.377
86	30	LDR-Unbiased	16.669	16.32	-0.349
87	100	LDR-Biased	16.665	16.016	-0.649
88	100	LDR-Biased	16.719	16.474	-0.245
90	100	LDR-Biased	16.548	16.462	-0.086
91	100	LDR-Unbiased	16.46	15.948	-0.512
93	100	LDR-Unbiased	16.678	16.158	-0.52
94	100	LDR-Unbiased	16.702	16.14	-0.562
95	100	LDR-Unbiased	16.468	16.148	-0.32
96	100	LDR-Unbiased	16.56	15.966	-0.594
106	50	LDR-Biased	16.666	15.681	-0.985
108	50	LDR-Biased	16.522	15.758	-0.764
109	50	LDR-Biased	16.58	16.082	-0.498
110	50	LDR-Biased	16.575	15.474	-1.101
111	50	LDR-Biased	16.664	16.175	-0.489
112	50	LDR-Unbiased	16.459	16.362	-0.097
113	50	LDR-Unbiased	16.608	16.259	-0.349
115	50	LDR-Unbiased	16.575	15.994	-0.581
116	50	LDR-Unbiased	16.669	16.145	-0.524
117	50	LDR-Unbiased	16.542	16.264	-0.278

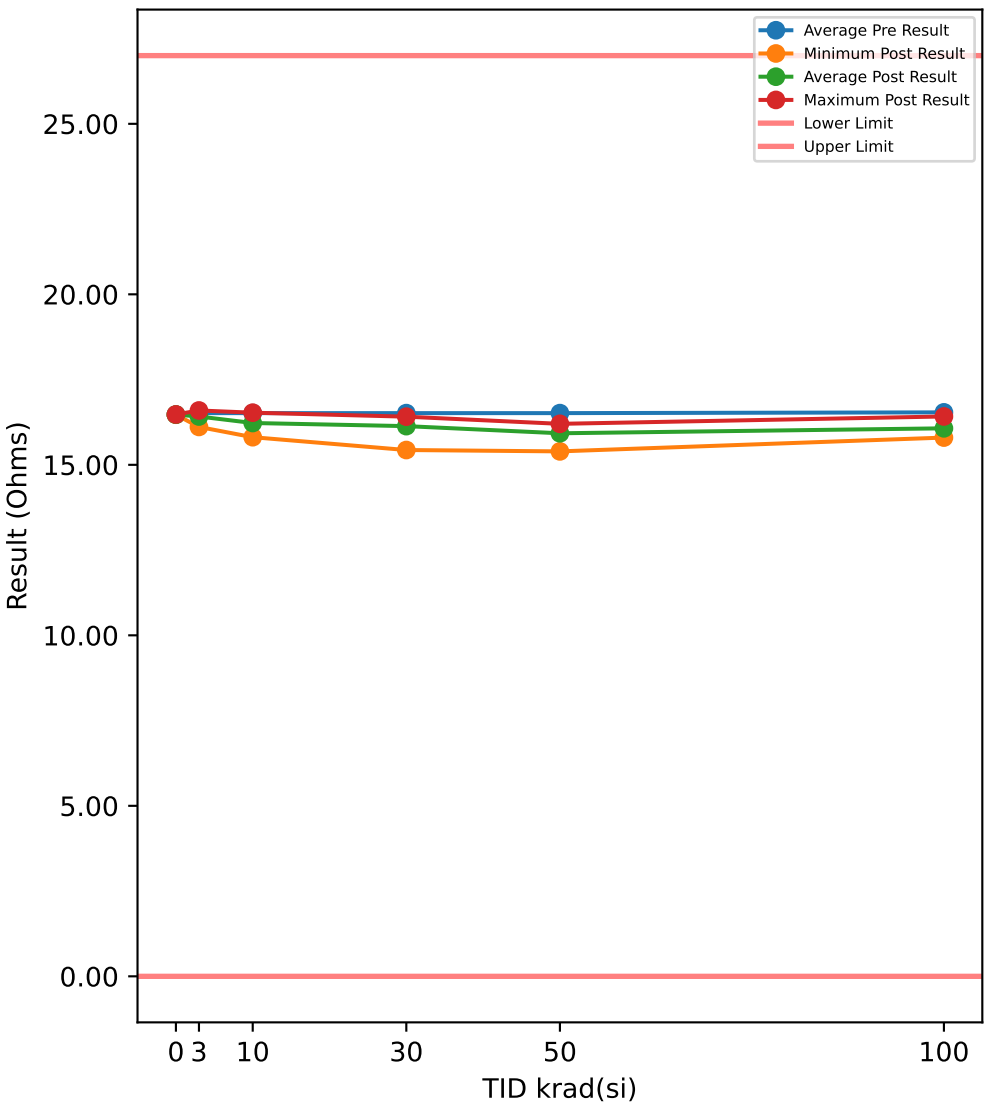


Test Statistics (Ohms)

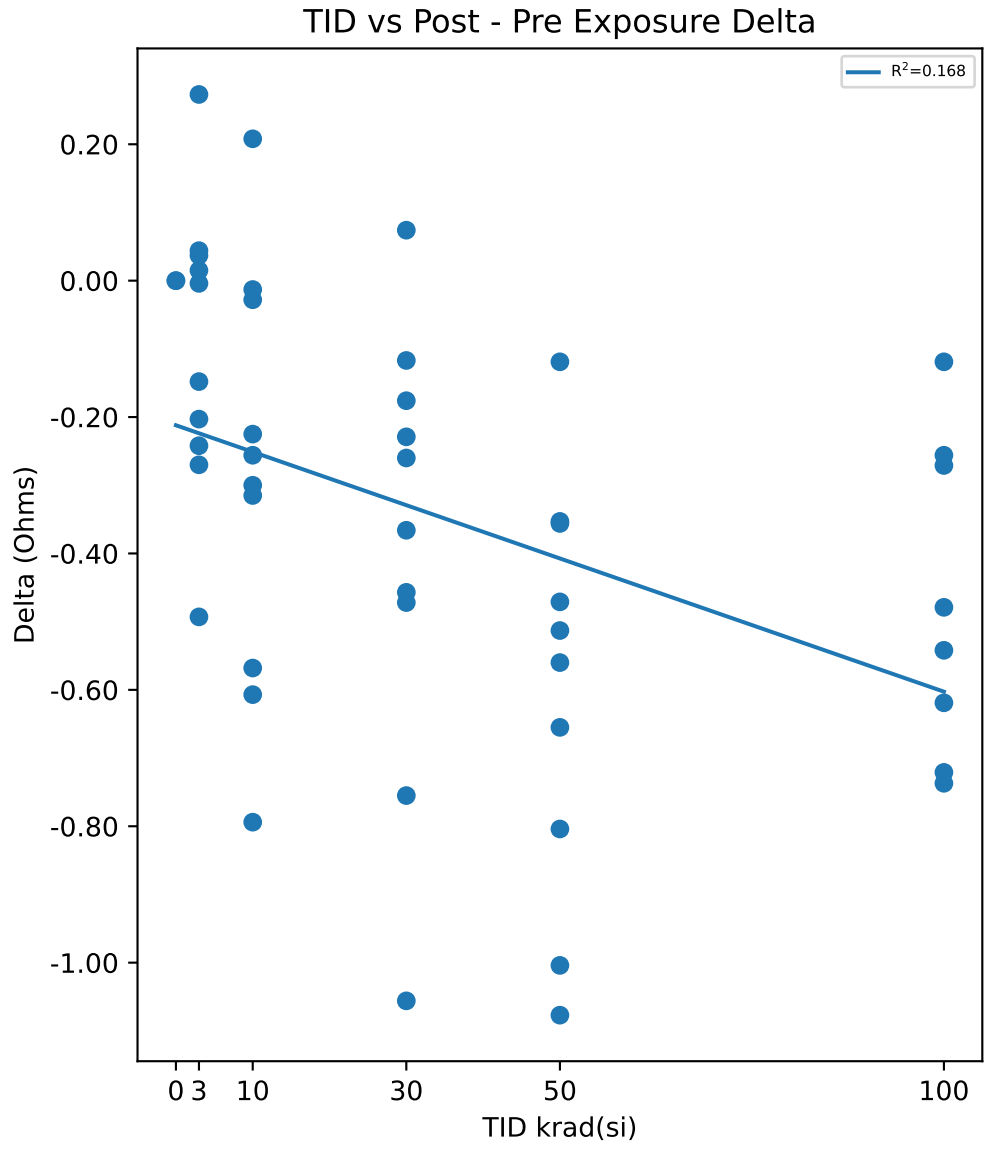
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	16.509	16.537	16.565	0.039598	16.509	16.537	16.565	0.039598	0	0	0	0
3	16.459	16.586	16.669	0.068553	16.231	16.501	16.719	0.17148	-0.435	-0.0849	0.26	0.19945
10	16.459	16.586	16.669	0.068553	15.91	16.313	16.666	0.27265	-0.756	-0.2726	0.207	0.29662
30	16.459	16.586	16.669	0.068553	15.527	16.229	16.549	0.303	-0.995	-0.3574	0.09	0.31077
50	16.459	16.586	16.669	0.068553	15.474	16.019	16.362	0.29049	-1.101	-0.5666	-0.097	0.30975
100	16.46	16.6	16.719	0.10434	15.948	16.164	16.474	0.20478	-0.649	-0.436	-0.086	0.19693

Device Test: 18.26 Res_PD_EN3/EN3/1.6/3/0/0/2/@EN_RNMOS_LOW_V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



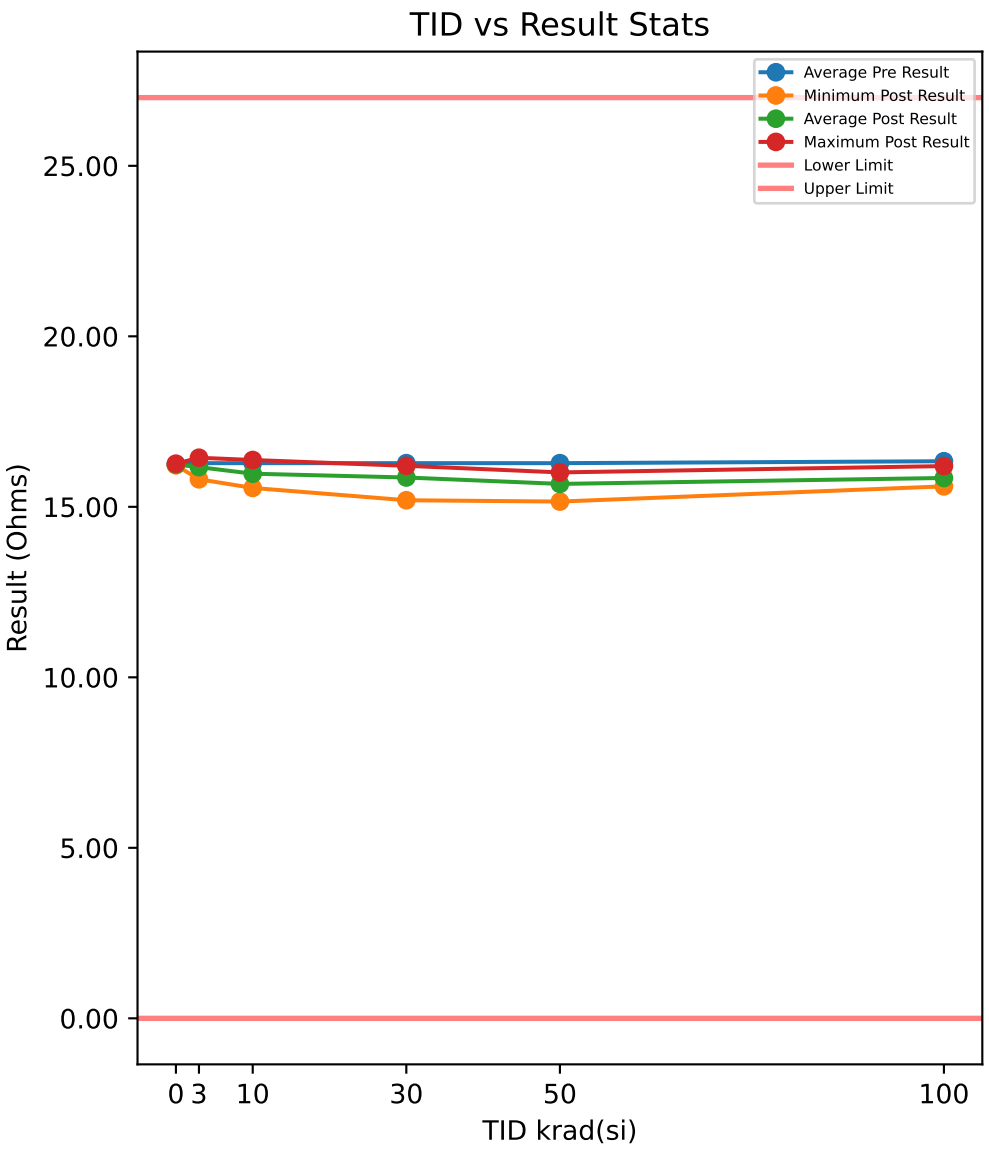
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

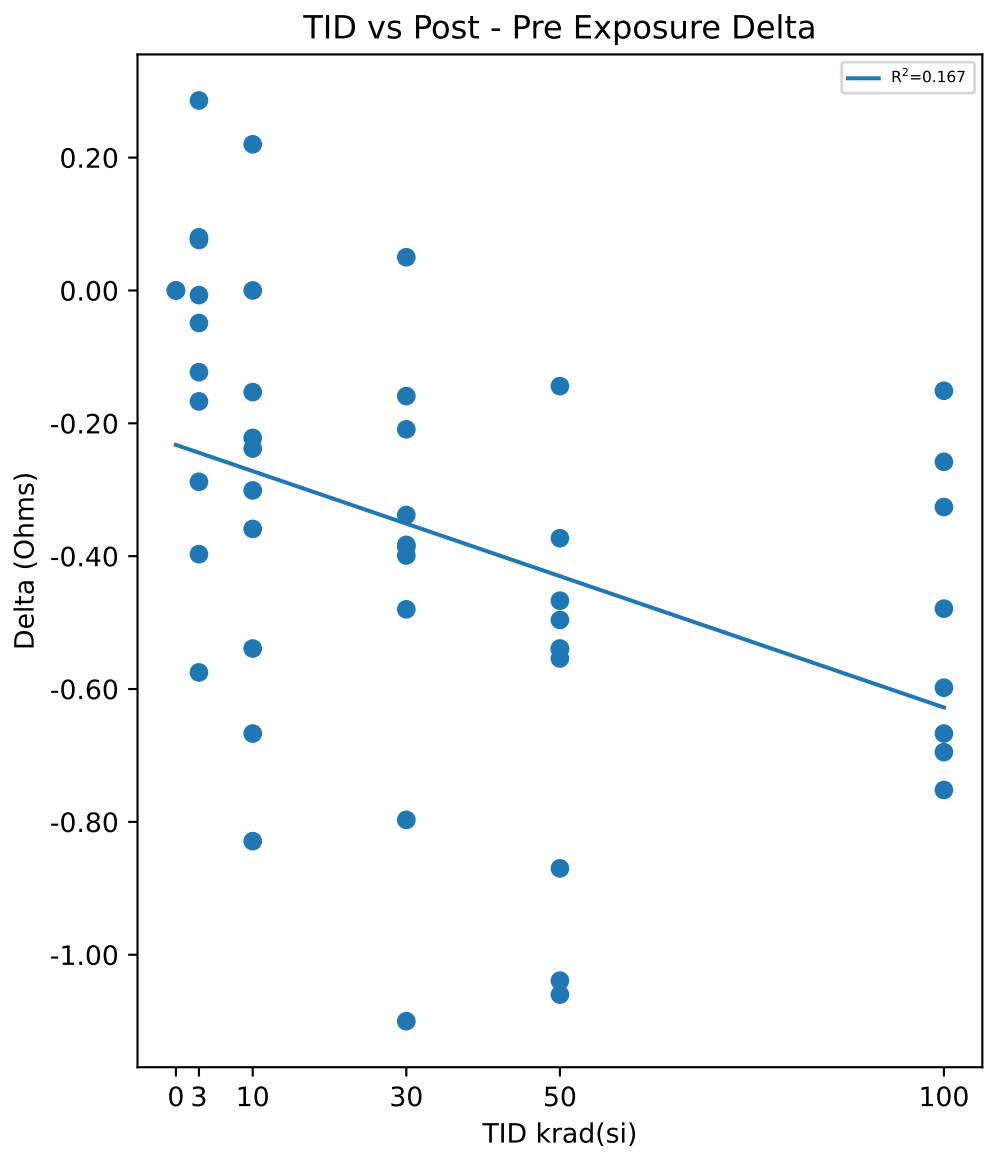
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	16.477	16.477	0
7	0	Correlation	16.469	16.469	0
16	3	LDR-Biased	16.604	16.111	-0.493
18	3	LDR-Biased	16.49	16.22	-0.27
19	3	LDR-Biased	16.545	16.541	-0.004
20	3	LDR-Biased	16.471	16.229	-0.242
21	3	LDR-Biased	16.579	16.594	0.015
22	3	LDR-Unbiased	16.321	16.594	0.273
23	3	LDR-Unbiased	16.529	16.566	0.037
25	3	LDR-Unbiased	16.496	16.293	-0.203
26	3	LDR-Unbiased	16.6	16.452	-0.148
27	3	LDR-Unbiased	16.526	16.57	0.044
46	10	LDR-Biased	16.604	15.81	-0.794
48	10	LDR-Biased	16.49	15.883	-0.607
49	10	LDR-Biased	16.545	16.23	-0.315
50	10	LDR-Biased	16.471	15.903	-0.568
51	10	LDR-Biased	16.579	16.323	-0.256
52	10	LDR-Unbiased	16.321	16.529	0.208
53	10	LDR-Unbiased	16.529	16.516	-0.013
55	10	LDR-Unbiased	16.496	16.196	-0.3
56	10	LDR-Unbiased	16.6	16.375	-0.225
57	10	LDR-Unbiased	16.526	16.498	-0.028
76	30	LDR-Biased	16.604	15.849	-0.755
78	30	LDR-Biased	16.49	15.434	-1.056
79	30	LDR-Biased	16.545	16.316	-0.229
80	30	LDR-Biased	16.471	15.999	-0.472
81	30	LDR-Biased	16.579	16.319	-0.26
82	30	LDR-Unbiased	16.321	16.395	0.074
83	30	LDR-Unbiased	16.529	16.412	-0.117
84	30	LDR-Unbiased	16.526	16.35	-0.176
85	30	LDR-Unbiased	16.496	16.039	-0.457
86	30	LDR-Unbiased	16.6	16.234	-0.366
87	100	LDR-Biased	16.662	15.941	-0.721
88	100	LDR-Biased	16.674	16.418	-0.256
90	100	LDR-Biased	16.528	16.409	-0.119
91	100	LDR-Unbiased	16.302	15.823	-0.479
93	100	LDR-Unbiased	16.583	16.041	-0.542
94	100	LDR-Unbiased	16.634	16.015	-0.619
95	100	LDR-Unbiased	16.389	16.118	-0.271
96	100	LDR-Unbiased	16.536	15.799	-0.737
106	50	LDR-Biased	16.604	15.6	-1.004
108	50	LDR-Biased	16.49	15.686	-0.804
109	50	LDR-Biased	16.545	16.032	-0.513
110	50	LDR-Biased	16.471	15.394	-1.077
111	50	LDR-Biased	16.579	16.108	-0.471
112	50	LDR-Unbiased	16.321	16.202	-0.119
113	50	LDR-Unbiased	16.529	16.176	-0.353
115	50	LDR-Unbiased	16.496	15.841	-0.655
116	50	LDR-Unbiased	16.6	16.04	-0.56
117	50	LDR-Unbiased	16.526	16.17	-0.356

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	16.469	16.473	16.477	0.0056569	16.469	16.473	16.477	0.0056569	0	0	0	0
3	16.321	16.516	16.604	0.082331	16.111	16.417	16.594	0.185	-0.493	-0.0991	0.273	0.21538
10	16.321	16.516	16.604	0.082331	15.81	16.226	16.529	0.27436	-0.794	-0.2898	0.208	0.30391
30	16.321	16.516	16.604	0.082331	15.434	16.135	16.412	0.31053	-1.056	-0.3814	0.074	0.32766
50	16.321	16.516	16.604	0.082331	15.394	15.925	16.202	0.28081	-1.077	-0.5912	-0.119	0.30043
100	16.302	16.538	16.674	0.13262	15.799	16.07	16.418	0.23703	-0.737	-0.468	-0.119	0.23001

Device Test: 18.27 Res_PD_EN4/EN4/1.6/3/0/0/2/@EN_RNMOS_LOW_V





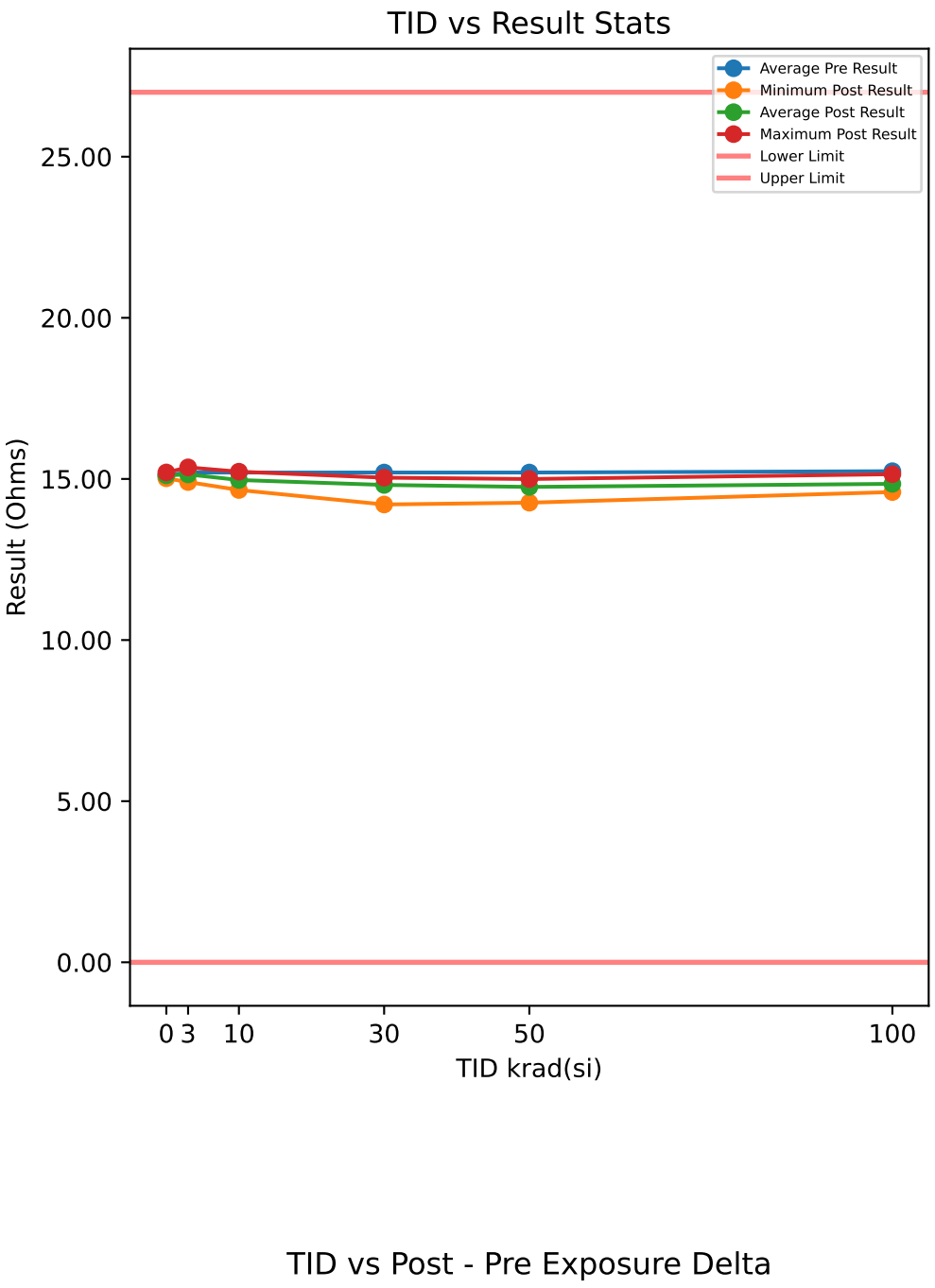
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

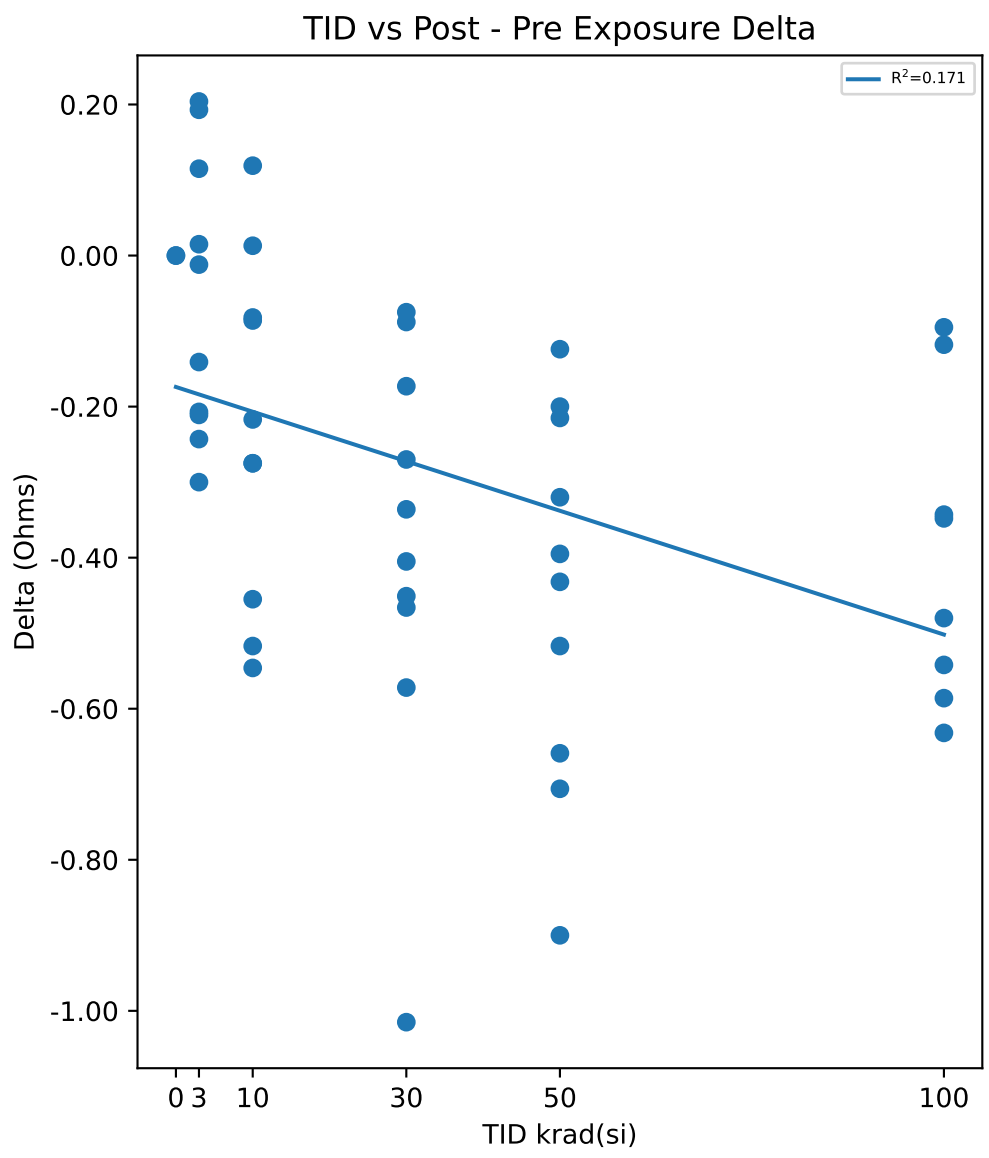
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	16.265	16.265	0
7	0	Correlation	16.218	16.218	0
16	3	LDR-Biased	16.383	15.808	-0.575
18	3	LDR-Biased	16.293	15.896	-0.397
19	3	LDR-Biased	16.257	16.333	0.076
20	3	LDR-Biased	16.214	15.926	-0.288
21	3	LDR-Biased	16.37	16.363	-0.007
22	3	LDR-Unbiased	16.153	16.439	0.286
23	3	LDR-Unbiased	16.242	16.322	0.08
25	3	LDR-Unbiased	16.194	16.027	-0.167
26	3	LDR-Unbiased	16.348	16.225	-0.123
27	3	LDR-Unbiased	16.349	16.3	-0.049
46	10	LDR-Biased	16.383	15.554	-0.829
48	10	LDR-Biased	16.293	15.626	-0.667
49	10	LDR-Biased	16.257	15.956	-0.301
50	10	LDR-Biased	16.214	15.675	-0.539
51	10	LDR-Biased	16.37	16.011	-0.359
52	10	LDR-Unbiased	16.153	16.373	0.22
53	10	LDR-Unbiased	16.242	16.242	0
55	10	LDR-Unbiased	16.194	15.956	-0.238
56	10	LDR-Unbiased	16.348	16.126	-0.222
57	10	LDR-Unbiased	16.349	16.196	-0.153
76	30	LDR-Biased	16.383	15.586	-0.797
78	30	LDR-Biased	16.293	15.193	-1.1
79	30	LDR-Biased	16.257	16.048	-0.209
80	30	LDR-Biased	16.214	15.734	-0.48
81	30	LDR-Biased	16.37	15.984	-0.386
82	30	LDR-Unbiased	16.153	16.203	0.05
83	30	LDR-Unbiased	16.242	16.083	-0.159
84	30	LDR-Unbiased	16.349	16.011	-0.338
85	30	LDR-Unbiased	16.194	15.795	-0.399
86	30	LDR-Unbiased	16.348	15.965	-0.383
87	100	LDR-Biased	16.435	15.74	-0.695
88	100	LDR-Biased	16.452	16.194	-0.258
90	100	LDR-Biased	16.343	16.192	-0.151
91	100	LDR-Unbiased	16.145	15.666	-0.479
93	100	LDR-Unbiased	16.389	15.791	-0.598
94	100	LDR-Unbiased	16.426	15.759	-0.667
95	100	LDR-Unbiased	16.151	15.825	-0.326
96	100	LDR-Unbiased	16.352	15.6	-0.752
106	50	LDR-Biased	16.383	15.344	-1.039
108	50	LDR-Biased	16.293	15.423	-0.87
109	50	LDR-Biased	16.257	15.79	-0.467
110	50	LDR-Biased	16.214	15.154	-1.06
111	50	LDR-Biased	16.37	15.816	-0.554
112	50	LDR-Unbiased	16.153	16.009	-0.144
113	50	LDR-Unbiased	16.242	15.869	-0.373
115	50	LDR-Unbiased	16.194	15.654	-0.54
116	50	LDR-Unbiased	16.348	15.809	-0.539
117	50	LDR-Unbiased	16.349	15.853	-0.496

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	16.218	16.242	16.265	0.033234	16.218	16.242	16.265	0.033234	0	0	0	0
3	16.153	16.28	16.383	0.080358	15.808	16.164	16.439	0.22729	-0.575	-0.1164	0.286	0.25279
10	16.153	16.28	16.383	0.080358	15.554	15.972	16.373	0.27734	-0.829	-0.3088	0.22	0.31025
30	16.153	16.28	16.383	0.080358	15.193	15.86	16.203	0.29665	-1.1	-0.4201	0.05	0.32513
50	16.153	16.28	16.383	0.080358	15.154	15.672	16.009	0.27423	-1.06	-0.6082	-0.144	0.29325
100	16.145	16.337	16.452	0.12258	15.6	15.846	16.194	0.22552	-0.752	-0.49075	-0.151	0.22342

Device Test: 18.28 Res_PD_PWRDG/PWRGD/1.6/3/0/0/2/@PWRGD_RNMOS_LOW_V





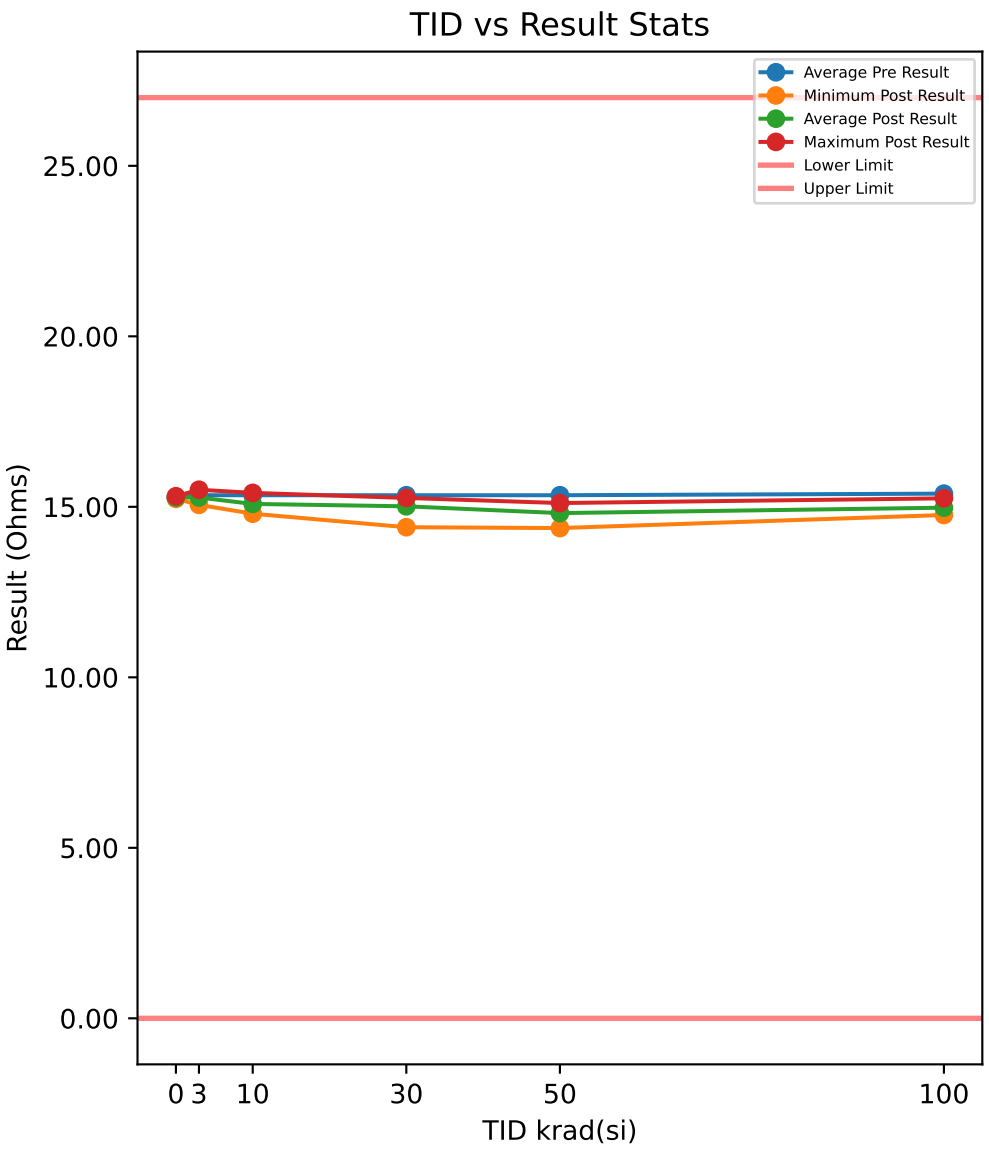
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.201	15.201	0
7	0	Correlation	15.02	15.02	0
16	3	LDR-Biased	15.203	14.903	-0.3
18	3	LDR-Biased	15.222	14.979	-0.243
19	3	LDR-Biased	15.078	15.282	0.204
20	3	LDR-Biased	15.163	14.952	-0.211
21	3	LDR-Biased	15.344	15.359	0.015
22	3	LDR-Unbiased	15.099	15.292	0.193
23	3	LDR-Unbiased	15.208	15.196	-0.012
25	3	LDR-Unbiased	15.163	14.956	-0.207
26	3	LDR-Unbiased	15.296	15.155	-0.141
27	3	LDR-Unbiased	15.212	15.327	0.115
46	10	LDR-Biased	15.203	14.657	-0.546
48	10	LDR-Biased	15.222	14.705	-0.517
49	10	LDR-Biased	15.078	14.992	-0.086
50	10	LDR-Biased	15.163	14.708	-0.455
51	10	LDR-Biased	15.344	15.069	-0.275
52	10	LDR-Unbiased	15.099	15.218	0.119
53	10	LDR-Unbiased	15.208	15.126	-0.082
55	10	LDR-Unbiased	15.163	14.888	-0.275
56	10	LDR-Unbiased	15.296	15.079	-0.217
57	10	LDR-Unbiased	15.212	15.225	0.013
76	30	LDR-Biased	15.203	14.631	-0.572
78	30	LDR-Biased	15.222	14.207	-1.015
79	30	LDR-Biased	15.078	14.99	-0.088
80	30	LDR-Biased	15.163	14.712	-0.451
81	30	LDR-Biased	15.344	15.008	-0.336
82	30	LDR-Unbiased	15.099	15.024	-0.075
83	30	LDR-Unbiased	15.208	14.938	-0.27
84	30	LDR-Unbiased	15.212	15.039	-0.173
85	30	LDR-Unbiased	15.163	14.697	-0.466
86	30	LDR-Unbiased	15.296	14.891	-0.405
87	100	LDR-Biased	15.401	14.769	-0.632
88	100	LDR-Biased	15.261	15.143	-0.118
90	100	LDR-Biased	15.242	15.147	-0.095
91	100	LDR-Unbiased	15.073	14.593	-0.48
93	100	LDR-Unbiased	15.355	14.769	-0.586
94	100	LDR-Unbiased	15.229	14.886	-0.343
95	100	LDR-Unbiased	15.14	14.792	-0.348
96	100	LDR-Unbiased	15.218	14.676	-0.542
106	50	LDR-Biased	15.203	14.497	-0.706
108	50	LDR-Biased	15.222	14.563	-0.659
109	50	LDR-Biased	15.078	14.878	-0.2
110	50	LDR-Biased	15.163	14.263	-0.9
111	50	LDR-Biased	15.344	14.949	-0.395
112	50	LDR-Unbiased	15.099	14.975	-0.124
113	50	LDR-Unbiased	15.208	14.888	-0.32
115	50	LDR-Unbiased	15.163	14.646	-0.517
116	50	LDR-Unbiased	15.296	14.864	-0.432
117	50	LDR-Unbiased	15.212	14.997	-0.215

Test Statistics (Ohms)

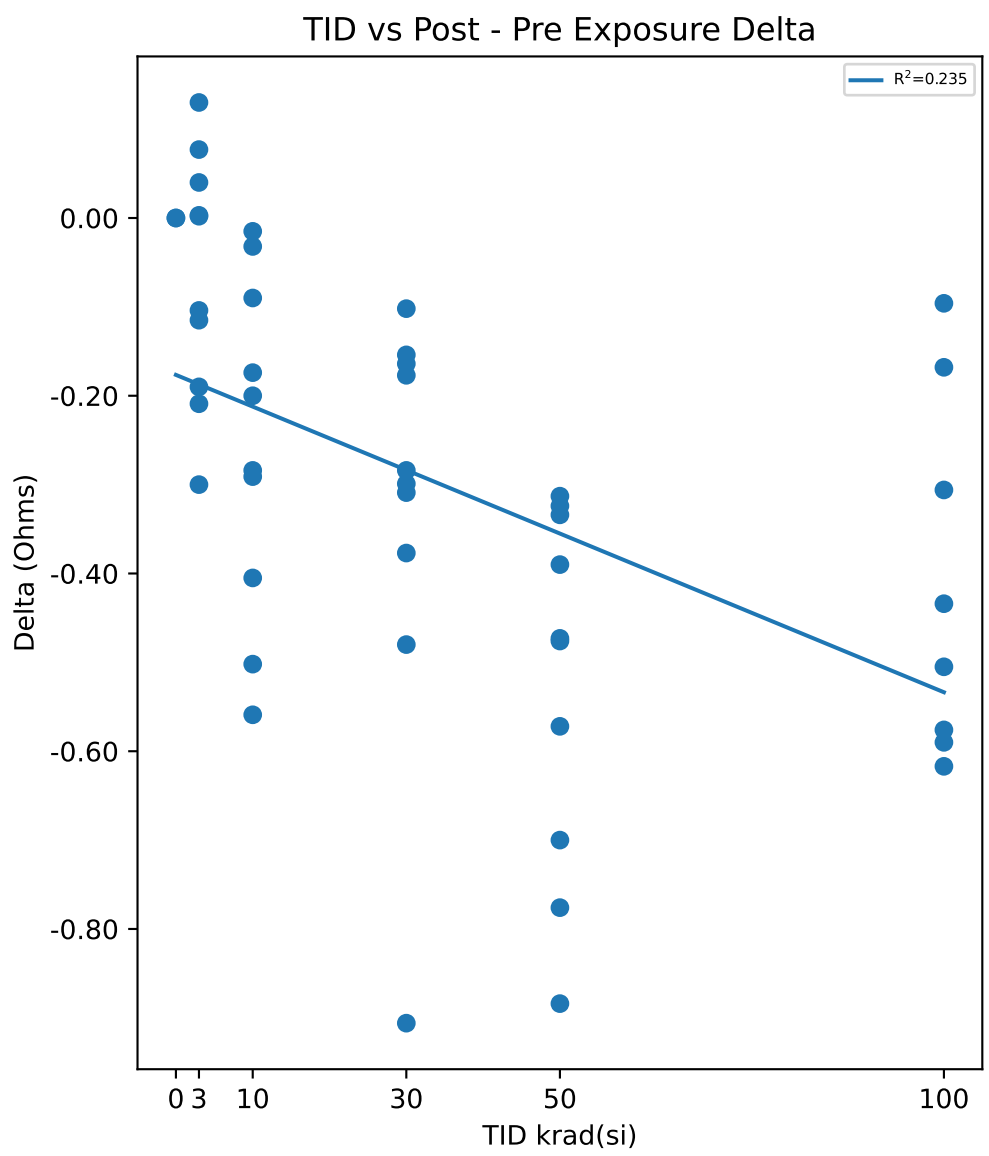
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.02	15.111	15.201	0.12799	15.02	15.111	15.201	0.12799	0	0	0	0
3	15.078	15.199	15.344	0.080596	14.903	15.14	15.359	0.17665	-0.3	-0.0587	0.204	0.18688
10	15.078	15.199	15.344	0.080596	14.657	14.967	15.225	0.21512	-0.546	-0.2321	0.119	0.2262
30	15.078	15.199	15.344	0.080596	14.207	14.814	15.039	0.26049	-1.015	-0.3851	-0.075	0.2765
50	15.078	15.199	15.344	0.080596	14.263	14.752	14.997	0.24644	-0.9	-0.4468	-0.124	0.24952
100	15.073	15.24	15.401	0.10562	14.593	14.847	15.147	0.20287	-0.632	-0.393	-0.095	0.20462

Device Test: 18.29 Res_PD_SEQ/SEQ_DONE/1.6/3/0/0/2/@SEQDONE_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

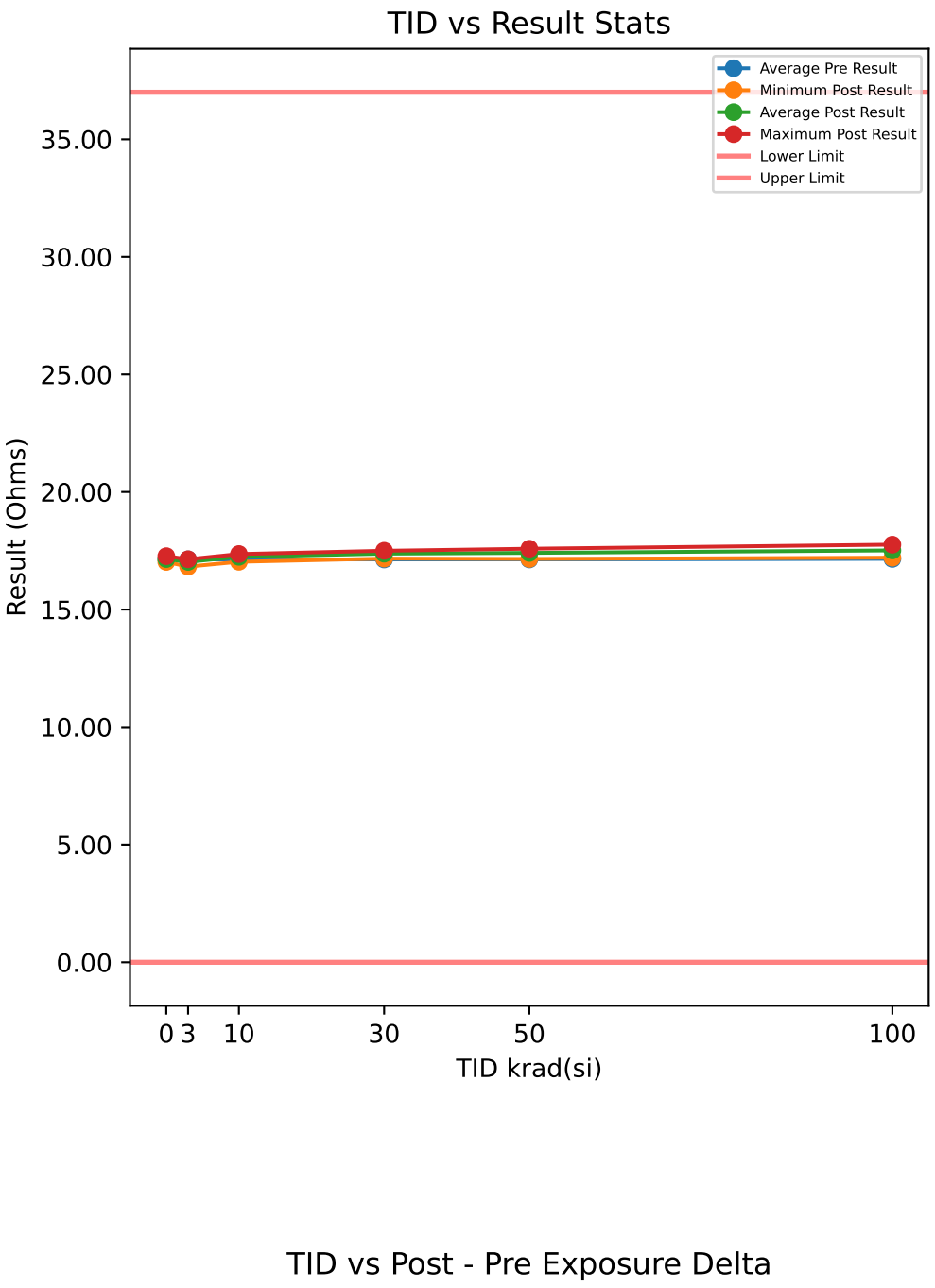
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.31	15.31	0
7	0	Correlation	15.235	15.235	0
16	3	LDR-Biased	15.357	15.057	-0.3
18	3	LDR-Biased	15.308	15.099	-0.209
19	3	LDR-Biased	15.302	15.432	0.13
20	3	LDR-Biased	15.261	15.146	-0.115
21	3	LDR-Biased	15.46	15.462	0.002
22	3	LDR-Unbiased	15.278	15.318	0.04
23	3	LDR-Unbiased	15.316	15.319	0.003
25	3	LDR-Unbiased	15.314	15.124	-0.19
26	3	LDR-Unbiased	15.38	15.276	-0.104
27	3	LDR-Unbiased	15.424	15.501	0.077
46	10	LDR-Biased	15.357	14.798	-0.559
48	10	LDR-Biased	15.308	14.806	-0.502
49	10	LDR-Biased	15.302	15.128	-0.174
50	10	LDR-Biased	15.261	14.856	-0.405
51	10	LDR-Biased	15.46	15.169	-0.291
52	10	LDR-Unbiased	15.278	15.246	-0.032
53	10	LDR-Unbiased	15.316	15.226	-0.09
55	10	LDR-Unbiased	15.314	15.03	-0.284
56	10	LDR-Unbiased	15.38	15.18	-0.2
57	10	LDR-Unbiased	15.424	15.409	-0.015
76	30	LDR-Biased	15.357	14.877	-0.48
78	30	LDR-Biased	15.308	14.402	-0.906
79	30	LDR-Biased	15.302	15.2	-0.102
80	30	LDR-Biased	15.261	14.962	-0.299
81	30	LDR-Biased	15.46	15.176	-0.284
82	30	LDR-Unbiased	15.278	15.124	-0.154
83	30	LDR-Unbiased	15.316	15.139	-0.177
84	30	LDR-Unbiased	15.424	15.26	-0.164
85	30	LDR-Unbiased	15.314	14.937	-0.377
86	30	LDR-Unbiased	15.38	15.071	-0.309
87	100	LDR-Biased	15.449	14.873	-0.576
88	100	LDR-Biased	15.415	15.247	-0.168
90	100	LDR-Biased	15.345	15.249	-0.096
91	100	LDR-Unbiased	15.265	14.76	-0.505
93	100	LDR-Unbiased	15.479	14.862	-0.617
94	100	LDR-Unbiased	15.373	15.067	-0.306
95	100	LDR-Unbiased	15.33	14.896	-0.434
96	100	LDR-Unbiased	15.435	14.845	-0.59
106	50	LDR-Biased	15.357	14.581	-0.776
108	50	LDR-Biased	15.308	14.608	-0.7
109	50	LDR-Biased	15.302	14.968	-0.334
110	50	LDR-Biased	15.261	14.377	-0.884
111	50	LDR-Biased	15.46	14.987	-0.473
112	50	LDR-Unbiased	15.278	14.954	-0.324
113	50	LDR-Unbiased	15.316	14.926	-0.39
115	50	LDR-Unbiased	15.314	14.742	-0.572
116	50	LDR-Unbiased	15.38	14.904	-0.476
117	50	LDR-Unbiased	15.424	15.111	-0.313

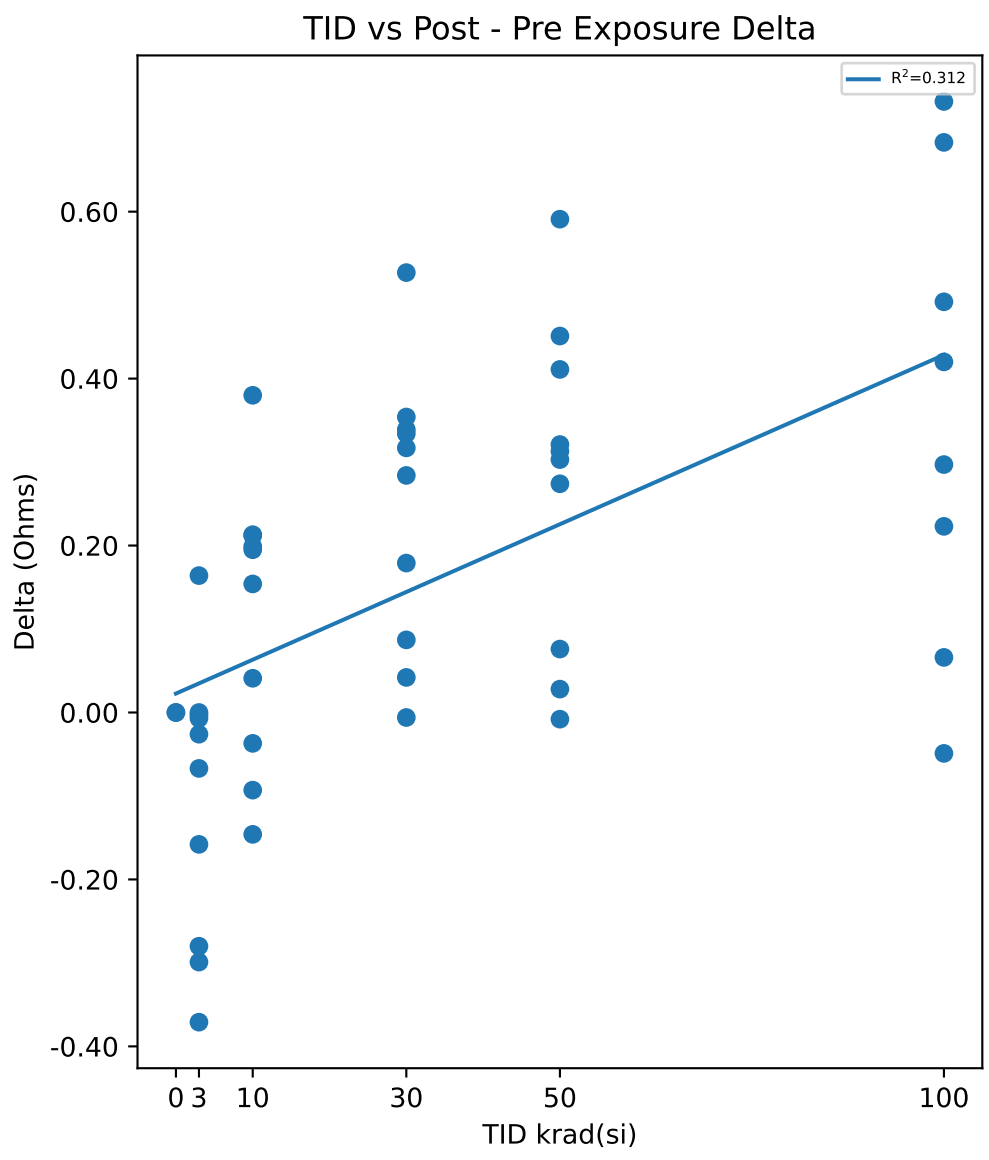


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.235	15.273	15.31	0.053033	15.235	15.273	15.31	0.053033	0	0	0	0
3	15.261	15.34	15.46	0.064248	15.057	15.273	15.501	0.16069	-0.3	-0.0666	0.13	0.13901
10	15.261	15.34	15.46	0.064248	14.798	15.085	15.409	0.20666	-0.559	-0.2552	-0.015	0.18921
30	15.261	15.34	15.46	0.064248	14.402	15.015	15.26	0.24816	-0.906	-0.3252	-0.102	0.23421
50	15.261	15.34	15.46	0.064248	14.377	14.816	15.111	0.22972	-0.884	-0.5242	-0.313	0.20272
100	15.265	15.386	15.479	0.0712	14.76	14.975	15.249	0.18901	-0.617	-0.4115	-0.096	0.20013

Device Test: 18.3 Res_PU_EN4/EN4/1.6/3/0/0/2/@EN_RPMOS_LOW_V





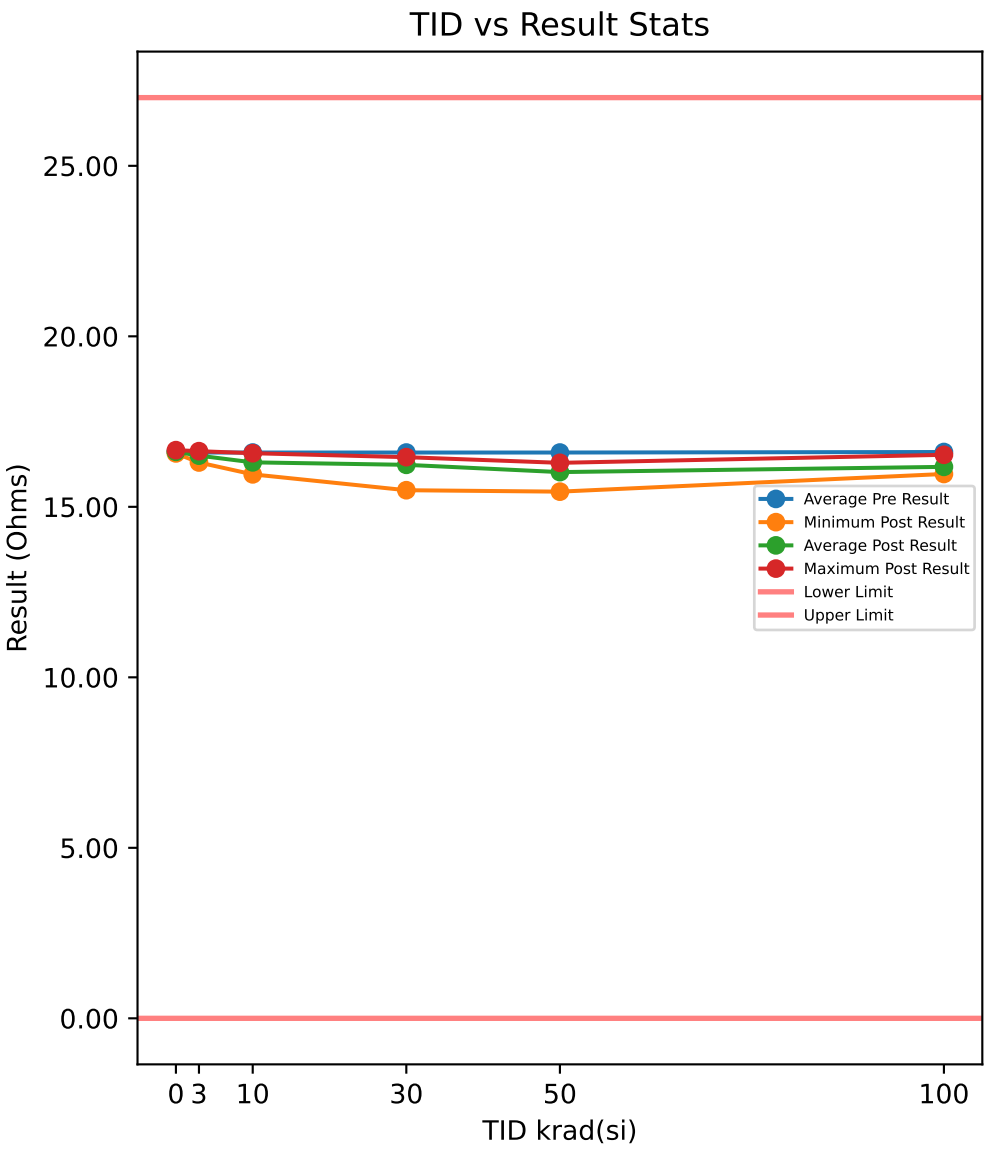
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	17.27	17.27	0
7	0	Correlation	17.026	17.026	0
16	3	LDR-Biased	17.178	16.898	-0.28
18	3	LDR-Biased	17.105	17.038	-0.067
19	3	LDR-Biased	17.091	17.091	0
20	3	LDR-Biased	17.125	16.826	-0.299
21	3	LDR-Biased	17.036	17.029	-0.007
22	3	LDR-Unbiased	17.345	16.974	-0.371
23	3	LDR-Unbiased	16.965	17.129	0.164
25	3	LDR-Unbiased	17.165	17.139	-0.026
26	3	LDR-Unbiased	17.135	17.132	-0.003
27	3	LDR-Unbiased	17.176	17.018	-0.158
46	10	LDR-Biased	17.178	17.141	-0.037
48	10	LDR-Biased	17.105	17.259	0.154
49	10	LDR-Biased	17.091	17.29	0.199
50	10	LDR-Biased	17.125	17.032	-0.093
51	10	LDR-Biased	17.036	17.249	0.213
52	10	LDR-Unbiased	17.345	17.199	-0.146
53	10	LDR-Unbiased	16.965	17.345	0.38
55	10	LDR-Unbiased	17.165	17.36	0.195
56	10	LDR-Unbiased	17.135	17.347	0.212
57	10	LDR-Unbiased	17.176	17.217	0.041
76	30	LDR-Biased	17.178	17.265	0.087
78	30	LDR-Biased	17.105	17.422	0.317
79	30	LDR-Biased	17.091	17.43	0.339
80	30	LDR-Biased	17.125	17.167	0.042
81	30	LDR-Biased	17.036	17.32	0.284
82	30	LDR-Unbiased	17.345	17.339	-0.006
83	30	LDR-Unbiased	16.965	17.492	0.527
84	30	LDR-Unbiased	17.176	17.355	0.179
85	30	LDR-Unbiased	17.165	17.499	0.334
86	30	LDR-Unbiased	17.135	17.489	0.354
87	100	LDR-Biased	17.02	17.752	0.732
88	100	LDR-Biased	17.255	17.206	-0.049
90	100	LDR-Biased	17.157	17.223	0.066
91	100	LDR-Unbiased	17.339	17.759	0.42
93	100	LDR-Unbiased	17.044	17.727	0.683
94	100	LDR-Unbiased	17.221	17.444	0.223
95	100	LDR-Unbiased	17.029	17.521	0.492
96	100	LDR-Unbiased	17.183	17.48	0.297
106	50	LDR-Biased	17.178	17.17	-0.008
108	50	LDR-Biased	17.105	17.408	0.303
109	50	LDR-Biased	17.091	17.404	0.313
110	50	LDR-Biased	17.125	17.153	0.028
111	50	LDR-Biased	17.036	17.357	0.321
112	50	LDR-Unbiased	17.345	17.421	0.076
113	50	LDR-Unbiased	16.965	17.556	0.591
115	50	LDR-Unbiased	17.165	17.576	0.411
116	50	LDR-Unbiased	17.135	17.586	0.451
117	50	LDR-Unbiased	17.176	17.45	0.274

Test Statistics (Ohms)

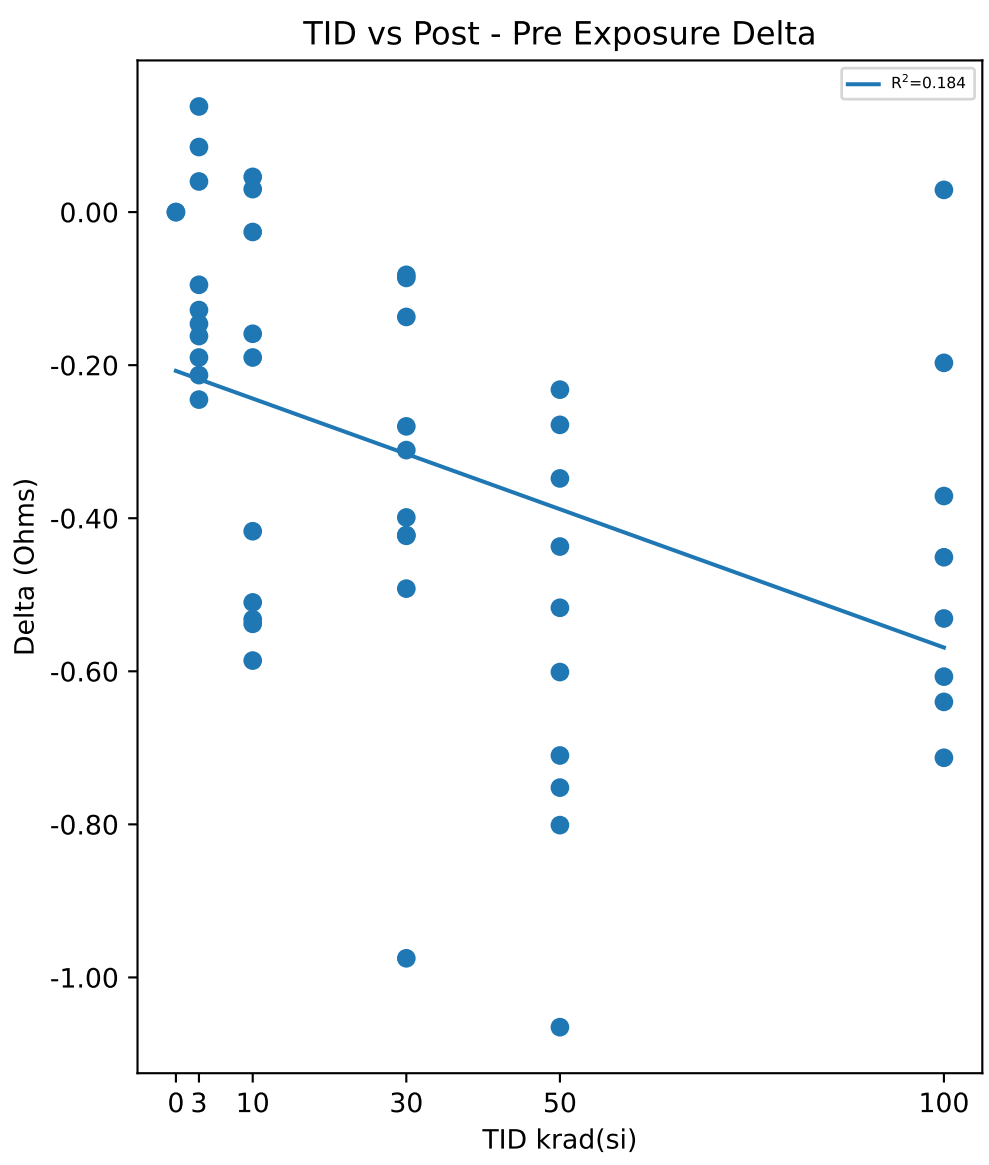
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.026	17.148	17.27	0.17253	17.026	17.148	17.27	0.17253	0	0	0	0
3	16.965	17.132	17.345	0.10005	16.826	17.027	17.139	0.10442	-0.371	-0.1047	0.164	0.16763
10	16.965	17.132	17.345	0.10005	17.032	17.244	17.36	0.10271	-0.146	0.1118	0.38	0.16468
30	16.965	17.132	17.345	0.10005	17.167	17.378	17.499	0.10919	-0.006	0.2457	0.527	0.16613
50	16.965	17.132	17.345	0.10005	17.153	17.408	17.586	0.15203	-0.008	0.276	0.591	0.19275
100	17.02	17.156	17.339	0.11675	17.206	17.514	17.759	0.22287	-0.049	0.358	0.732	0.27779

Device Test: 18.30 Res_PD_EN1/EN1/1.6/14/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

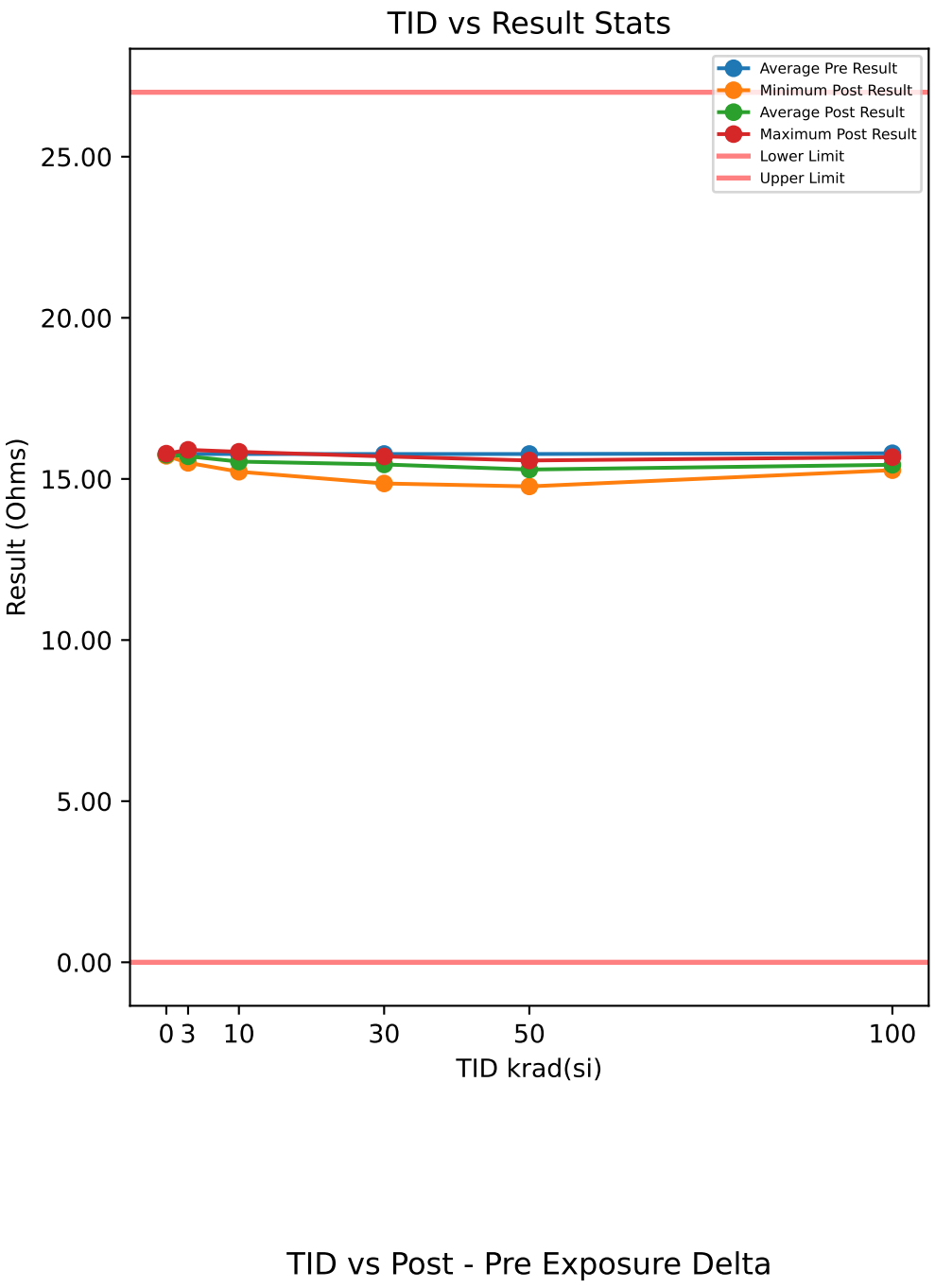
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	16.566	16.566	0
7	0	Correlation	16.662	16.662	0
16	3	LDR-Biased	16.65	16.437	-0.213
18	3	LDR-Biased	16.462	16.3	-0.162
19	3	LDR-Biased	16.625	16.38	-0.245
20	3	LDR-Biased	16.51	16.32	-0.19
21	3	LDR-Biased	16.723	16.577	-0.146
22	3	LDR-Unbiased	16.542	16.627	0.085
23	3	LDR-Unbiased	16.524	16.564	0.04
25	3	LDR-Unbiased	16.678	16.55	-0.128
26	3	LDR-Unbiased	16.727	16.632	-0.095
27	3	LDR-Unbiased	16.482	16.62	0.138
46	10	LDR-Biased	16.65	16.118	-0.532
48	10	LDR-Biased	16.462	15.952	-0.51
49	10	LDR-Biased	16.625	16.039	-0.586
50	10	LDR-Biased	16.51	15.972	-0.538
51	10	LDR-Biased	16.723	16.306	-0.417
52	10	LDR-Unbiased	16.542	16.572	0.03
53	10	LDR-Unbiased	16.524	16.498	-0.026
55	10	LDR-Unbiased	16.678	16.488	-0.19
56	10	LDR-Unbiased	16.727	16.568	-0.159
57	10	LDR-Unbiased	16.482	16.528	0.046
76	30	LDR-Biased	16.65	16.227	-0.423
78	30	LDR-Biased	16.462	15.487	-0.975
79	30	LDR-Biased	16.625	16.133	-0.492
80	30	LDR-Biased	16.51	16.088	-0.422
81	30	LDR-Biased	16.723	16.324	-0.399
82	30	LDR-Unbiased	16.542	16.456	-0.086
83	30	LDR-Unbiased	16.524	16.387	-0.137
84	30	LDR-Unbiased	16.482	16.4	-0.082
85	30	LDR-Unbiased	16.678	16.367	-0.311
86	30	LDR-Unbiased	16.727	16.447	-0.28
87	100	LDR-Biased	16.727	16.12	-0.607
88	100	LDR-Biased	16.722	16.525	-0.197
90	100	LDR-Biased	16.491	16.52	0.029
91	100	LDR-Unbiased	16.517	15.986	-0.531
93	100	LDR-Unbiased	16.738	16.098	-0.64
94	100	LDR-Unbiased	16.676	15.963	-0.713
95	100	LDR-Unbiased	16.517	16.146	-0.371
96	100	LDR-Unbiased	16.47	16.019	-0.451
106	50	LDR-Biased	16.65	15.849	-0.801
108	50	LDR-Biased	16.462	15.752	-0.71
109	50	LDR-Biased	16.625	15.873	-0.752
110	50	LDR-Biased	16.51	15.445	-1.065
111	50	LDR-Biased	16.723	16.122	-0.601
112	50	LDR-Unbiased	16.542	16.264	-0.278
113	50	LDR-Unbiased	16.524	16.176	-0.348
115	50	LDR-Unbiased	16.678	16.161	-0.517
116	50	LDR-Unbiased	16.727	16.29	-0.437
117	50	LDR-Unbiased	16.482	16.25	-0.232

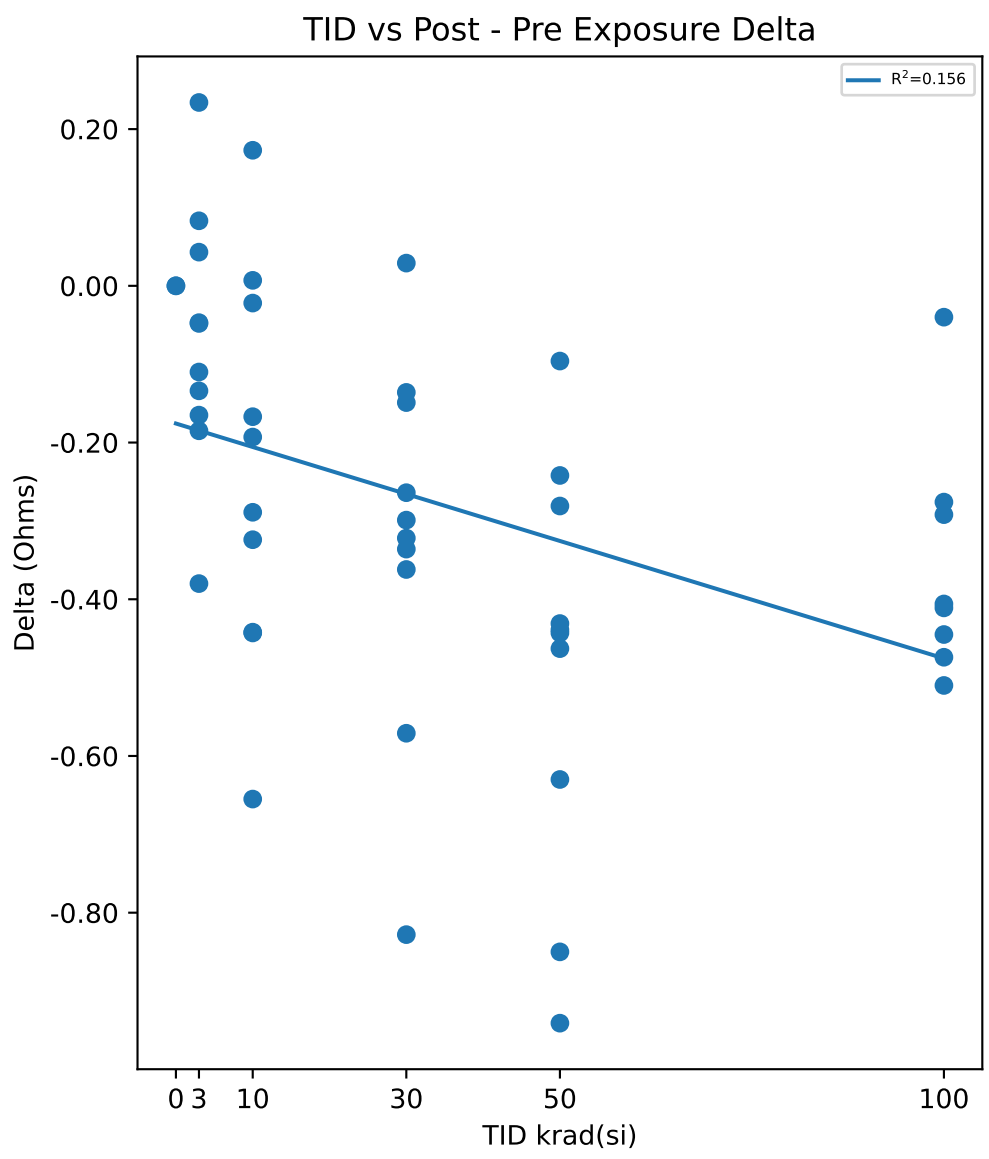


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	16.566	16.614	16.662	0.067882	16.566	16.614	16.662	0.067882	0	0	0	0
3	16.462	16.592	16.727	0.10005	16.3	16.501	16.632	0.12963	-0.245	-0.0916	0.138	0.13268
10	16.462	16.592	16.727	0.10005	15.952	16.304	16.572	0.25866	-0.586	-0.2882	0.046	0.25481
30	16.462	16.592	16.727	0.10005	15.487	16.232	16.456	0.29077	-0.975	-0.3607	-0.082	0.26159
50	16.462	16.592	16.727	0.10005	15.445	16.018	16.29	0.27753	-1.065	-0.5741	-0.232	0.26272
100	16.47	16.607	16.738	0.1183	15.963	16.172	16.525	0.2256	-0.713	-0.43512	0.029	0.24911

Device Test: 18.31 Res_PD_EN2/EN2/1.6/14/0/0/2/@EN_RNMOS_LOW_V





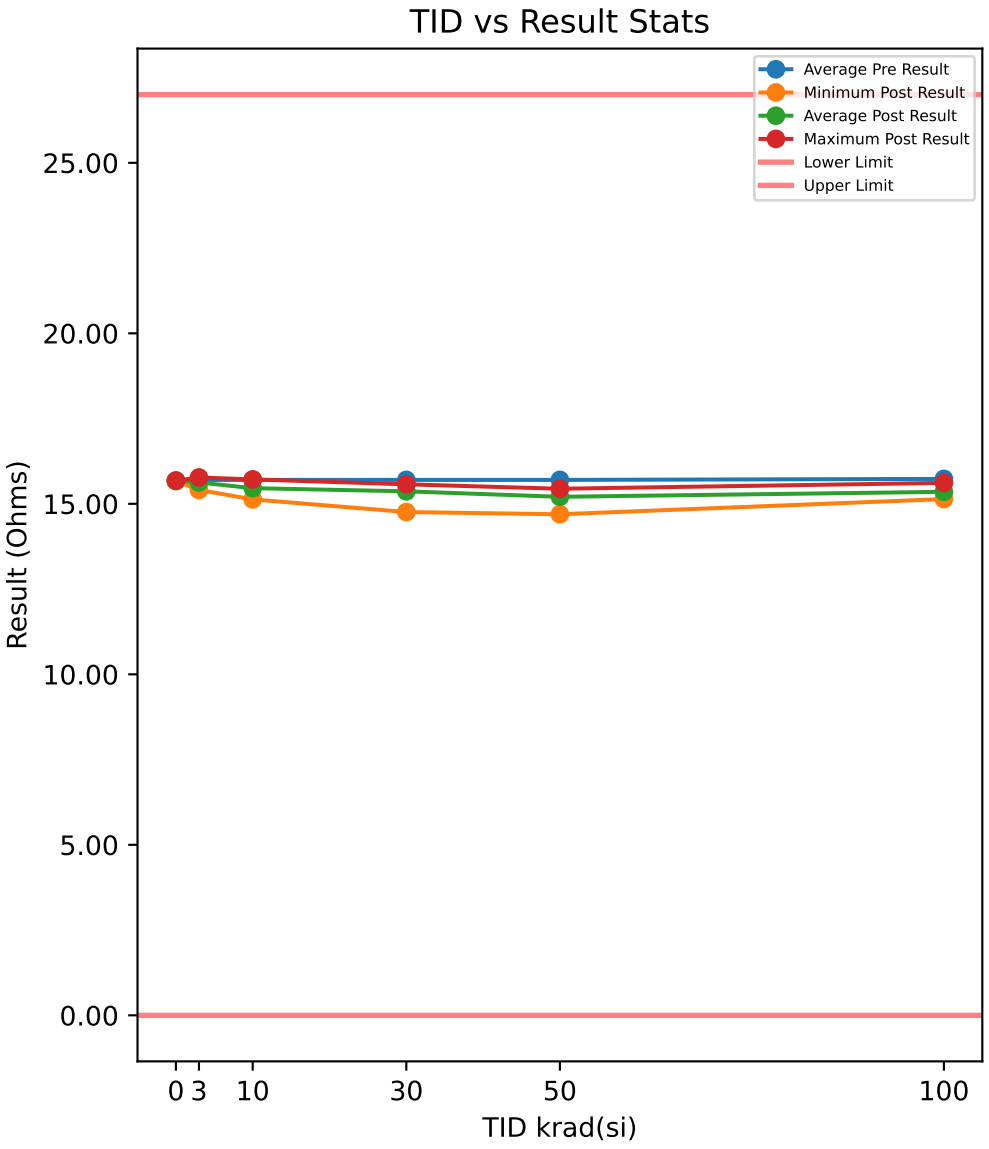
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

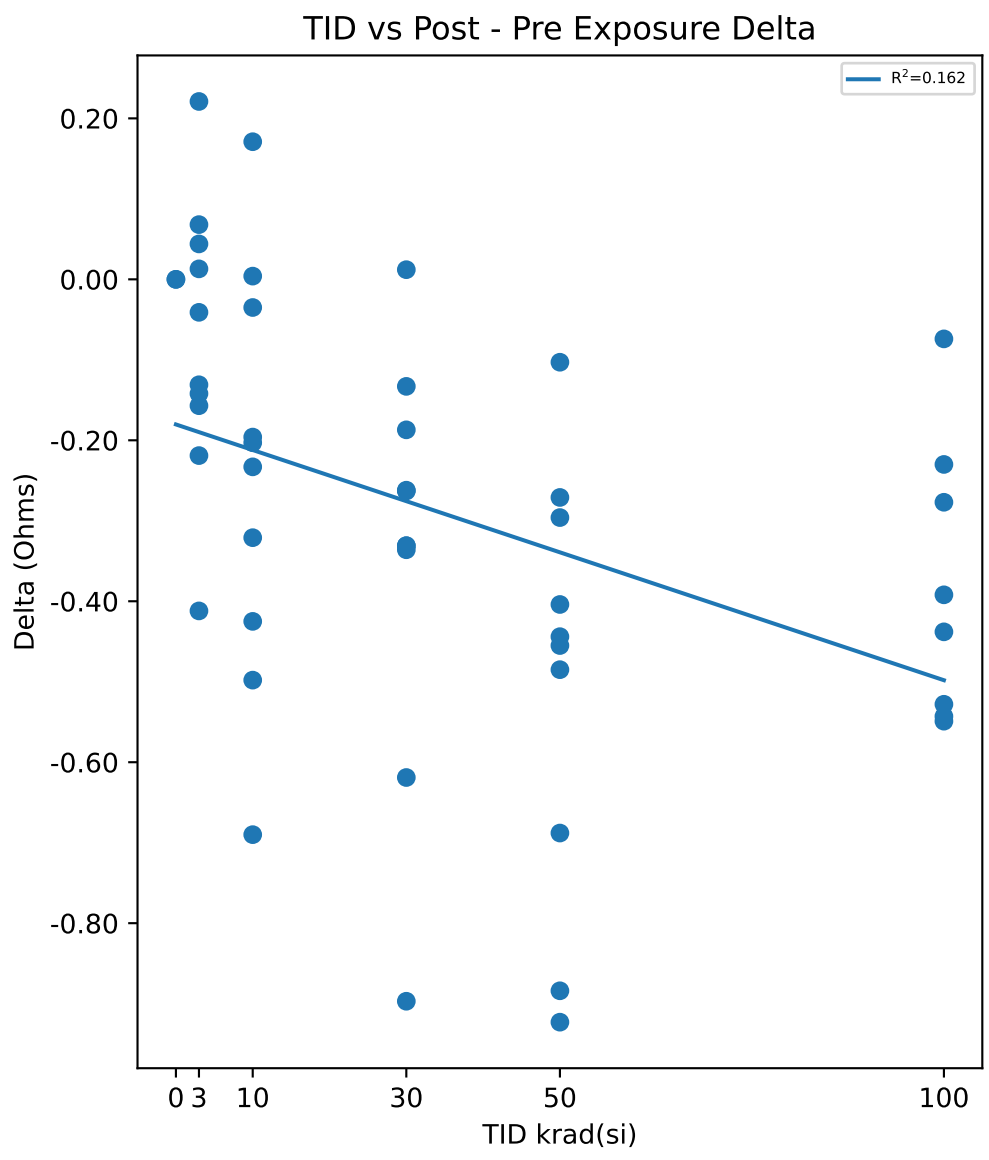
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.717	15.717	0
7	0	Correlation	15.784	15.784	0
16	3	LDR-Biased	15.879	15.499	-0.38
18	3	LDR-Biased	15.687	15.522	-0.165
19	3	LDR-Biased	15.799	15.751	-0.048
20	3	LDR-Biased	15.709	15.524	-0.185
21	3	LDR-Biased	15.845	15.798	-0.047
22	3	LDR-Unbiased	15.669	15.903	0.234
23	3	LDR-Unbiased	15.782	15.825	0.043
25	3	LDR-Unbiased	15.766	15.656	-0.11
26	3	LDR-Unbiased	15.895	15.761	-0.134
27	3	LDR-Unbiased	15.703	15.786	0.083
46	10	LDR-Biased	15.879	15.224	-0.655
48	10	LDR-Biased	15.687	15.244	-0.443
49	10	LDR-Biased	15.799	15.475	-0.324
50	10	LDR-Biased	15.709	15.267	-0.442
51	10	LDR-Biased	15.845	15.556	-0.289
52	10	LDR-Unbiased	15.669	15.842	0.173
53	10	LDR-Unbiased	15.782	15.76	-0.022
55	10	LDR-Unbiased	15.766	15.599	-0.167
56	10	LDR-Unbiased	15.895	15.702	-0.193
57	10	LDR-Unbiased	15.703	15.71	0.007
76	30	LDR-Biased	15.879	15.308	-0.571
78	30	LDR-Biased	15.687	14.859	-0.828
79	30	LDR-Biased	15.799	15.535	-0.264
80	30	LDR-Biased	15.709	15.347	-0.362
81	30	LDR-Biased	15.845	15.523	-0.322
82	30	LDR-Unbiased	15.669	15.698	0.029
83	30	LDR-Unbiased	15.782	15.633	-0.149
84	30	LDR-Unbiased	15.703	15.567	-0.136
85	30	LDR-Unbiased	15.766	15.467	-0.299
86	30	LDR-Unbiased	15.895	15.559	-0.336
87	100	LDR-Biased	15.836	15.362	-0.474
88	100	LDR-Biased	15.964	15.672	-0.292
90	100	LDR-Biased	15.715	15.675	-0.04
91	100	LDR-Unbiased	15.678	15.272	-0.406
93	100	LDR-Unbiased	15.862	15.417	-0.445
94	100	LDR-Unbiased	15.922	15.412	-0.51
95	100	LDR-Unbiased	15.678	15.402	-0.276
96	100	LDR-Unbiased	15.709	15.298	-0.411
106	50	LDR-Biased	15.879	15.029	-0.85
108	50	LDR-Biased	15.687	15.057	-0.63
109	50	LDR-Biased	15.799	15.336	-0.463
110	50	LDR-Biased	15.709	14.768	-0.941
111	50	LDR-Biased	15.845	15.406	-0.439
112	50	LDR-Unbiased	15.669	15.573	-0.096
113	50	LDR-Unbiased	15.782	15.501	-0.281
115	50	LDR-Unbiased	15.766	15.335	-0.431
116	50	LDR-Unbiased	15.895	15.452	-0.443
117	50	LDR-Unbiased	15.703	15.461	-0.242

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.717	15.751	15.784	0.047376	15.717	15.751	15.784	0.047376	0	0	0	0
3	15.669	15.773	15.895	0.081183	15.499	15.703	15.903	0.14341	-0.38	-0.0709	0.234	0.16788
10	15.669	15.773	15.895	0.081183	15.224	15.538	15.842	0.22722	-0.655	-0.2355	0.173	0.24724
30	15.669	15.773	15.895	0.081183	14.859	15.45	15.698	0.23885	-0.828	-0.3238	0.029	0.23838
50	15.669	15.773	15.895	0.081183	14.768	15.292	15.573	0.25659	-0.941	-0.4816	-0.096	0.26275
100	15.678	15.796	15.964	0.11466	15.272	15.439	15.675	0.15412	-0.51	-0.35675	-0.04	0.15186

Device Test: 18.32 Res_PD_EN3/EN3/1.6/14/0/0/2/@EN_RNMOS_LOW_V





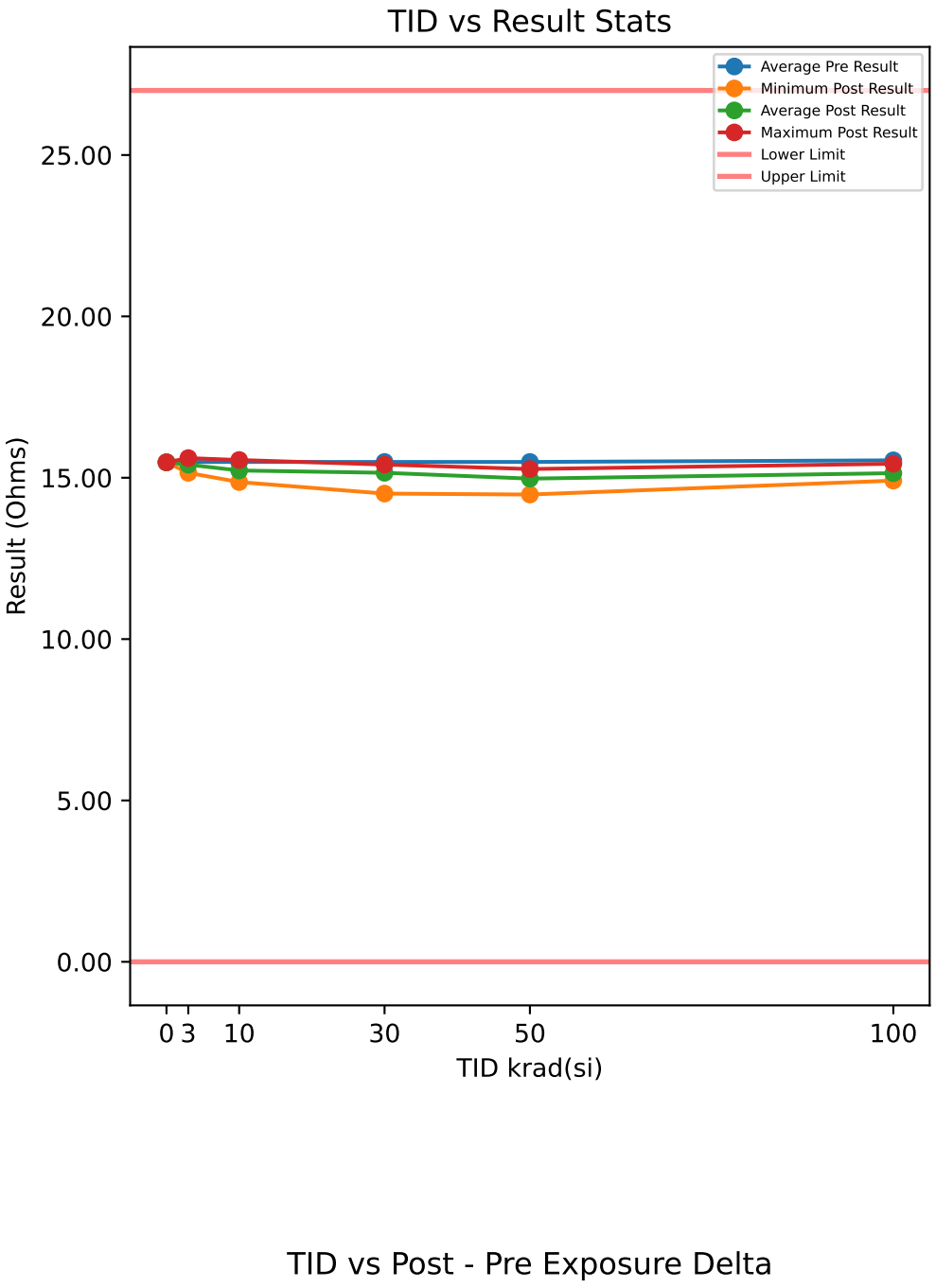
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

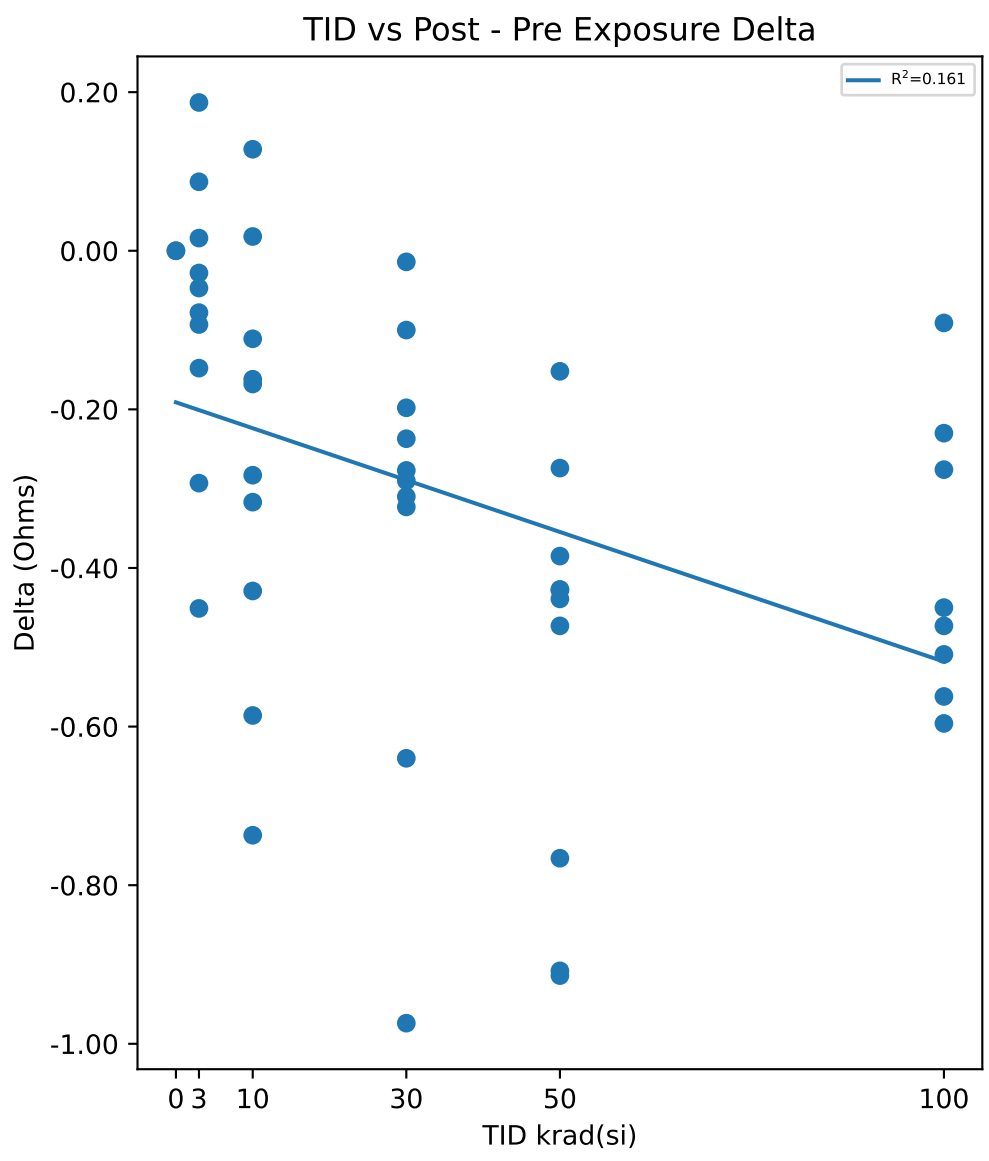
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.667	15.667	0
7	0	Correlation	15.682	15.682	0
16	3	LDR-Biased	15.82	15.408	-0.412
18	3	LDR-Biased	15.656	15.437	-0.219
19	3	LDR-Biased	15.753	15.712	-0.041
20	3	LDR-Biased	15.617	15.46	-0.157
21	3	LDR-Biased	15.749	15.762	0.013
22	3	LDR-Unbiased	15.545	15.766	0.221
23	3	LDR-Unbiased	15.705	15.773	0.068
25	3	LDR-Unbiased	15.677	15.535	-0.142
26	3	LDR-Unbiased	15.82	15.689	-0.131
27	3	LDR-Unbiased	15.672	15.716	0.044
46	10	LDR-Biased	15.82	15.13	-0.69
48	10	LDR-Biased	15.656	15.158	-0.498
49	10	LDR-Biased	15.753	15.432	-0.321
50	10	LDR-Biased	15.617	15.192	-0.425
51	10	LDR-Biased	15.749	15.516	-0.233
52	10	LDR-Unbiased	15.545	15.716	0.171
53	10	LDR-Unbiased	15.705	15.709	0.004
55	10	LDR-Unbiased	15.677	15.481	-0.196
56	10	LDR-Unbiased	15.82	15.617	-0.203
57	10	LDR-Unbiased	15.672	15.637	-0.035
76	30	LDR-Biased	15.82	15.201	-0.619
78	30	LDR-Biased	15.656	14.759	-0.897
79	30	LDR-Biased	15.753	15.49	-0.263
80	30	LDR-Biased	15.617	15.286	-0.331
81	30	LDR-Biased	15.749	15.487	-0.262
82	30	LDR-Unbiased	15.545	15.557	0.012
83	30	LDR-Unbiased	15.705	15.572	-0.133
84	30	LDR-Unbiased	15.672	15.485	-0.187
85	30	LDR-Unbiased	15.677	15.341	-0.336
86	30	LDR-Unbiased	15.82	15.489	-0.331
87	100	LDR-Biased	15.835	15.286	-0.549
88	100	LDR-Biased	15.885	15.608	-0.277
90	100	LDR-Biased	15.688	15.614	-0.074
91	100	LDR-Unbiased	15.544	15.152	-0.392
93	100	LDR-Unbiased	15.768	15.33	-0.438
94	100	LDR-Unbiased	15.845	15.317	-0.528
95	100	LDR-Unbiased	15.599	15.369	-0.23
96	100	LDR-Unbiased	15.682	15.139	-0.543
106	50	LDR-Biased	15.82	14.936	-0.884
108	50	LDR-Biased	15.656	14.968	-0.688
109	50	LDR-Biased	15.753	15.298	-0.455
110	50	LDR-Biased	15.617	14.694	-0.923
111	50	LDR-Biased	15.749	15.345	-0.404
112	50	LDR-Unbiased	15.545	15.442	-0.103
113	50	LDR-Unbiased	15.705	15.434	-0.271
115	50	LDR-Unbiased	15.677	15.192	-0.485
116	50	LDR-Unbiased	15.82	15.376	-0.444
117	50	LDR-Unbiased	15.672	15.376	-0.296

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.667	15.675	15.682	0.010607	15.667	15.675	15.682	0.010607	0	0	0	0
3	15.545	15.701	15.82	0.087037	15.408	15.626	15.773	0.14842	-0.412	-0.0756	0.221	0.17631
10	15.545	15.701	15.82	0.087037	15.13	15.459	15.716	0.22603	-0.69	-0.2426	0.171	0.25465
30	15.545	15.701	15.82	0.087037	14.759	15.367	15.572	0.24516	-0.897	-0.3347	0.012	0.25607
50	15.545	15.701	15.82	0.087037	14.694	15.206	15.442	0.25498	-0.923	-0.4953	-0.103	0.26411
100	15.544	15.731	15.885	0.12279	15.139	15.352	15.614	0.17964	-0.549	-0.37888	-0.074	0.17208

Device Test: 18.33 Res_PD_EN4/EN4/1.6/14/0/0/2/@EN_RNMOS_LOW_V





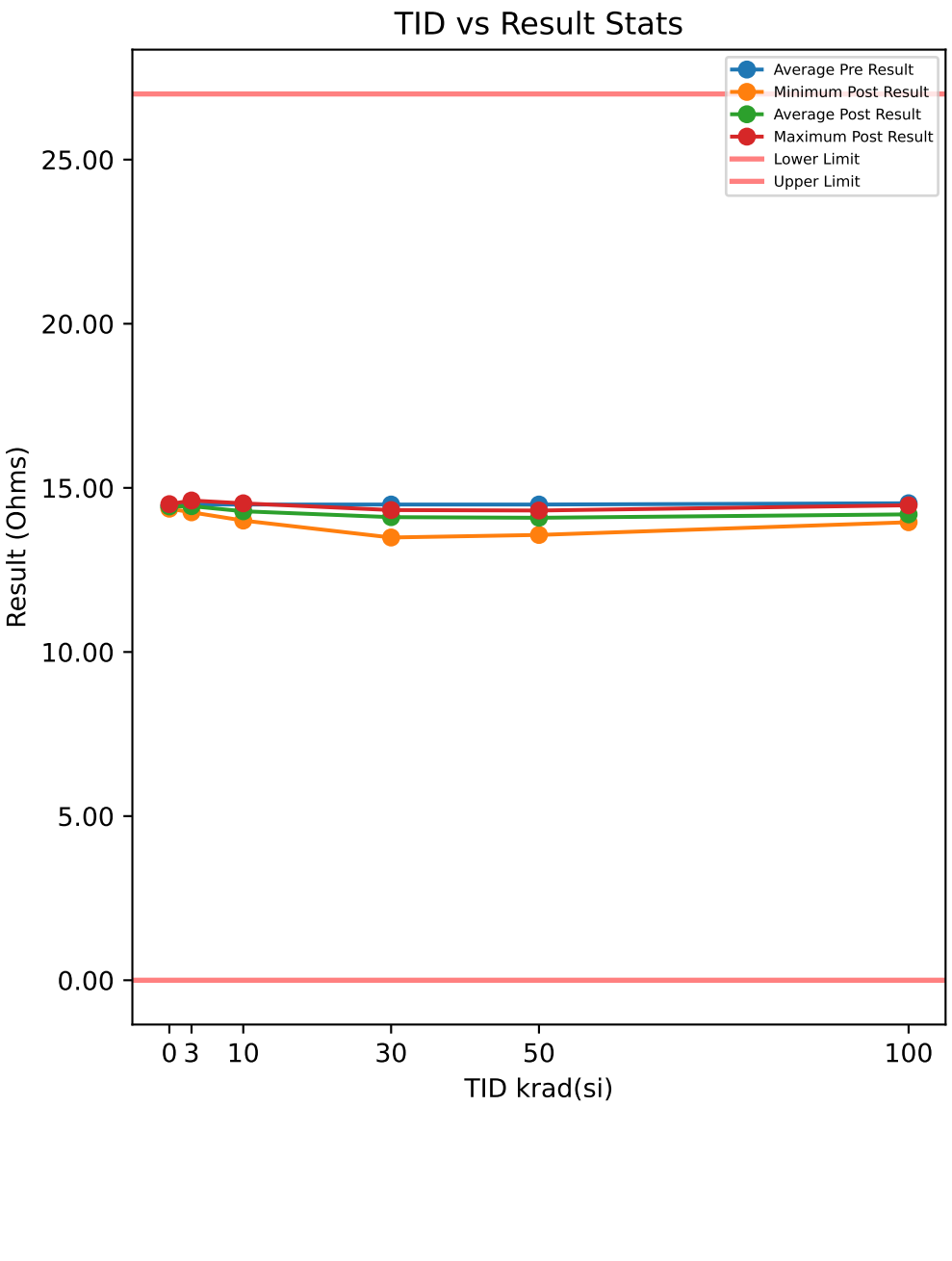
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

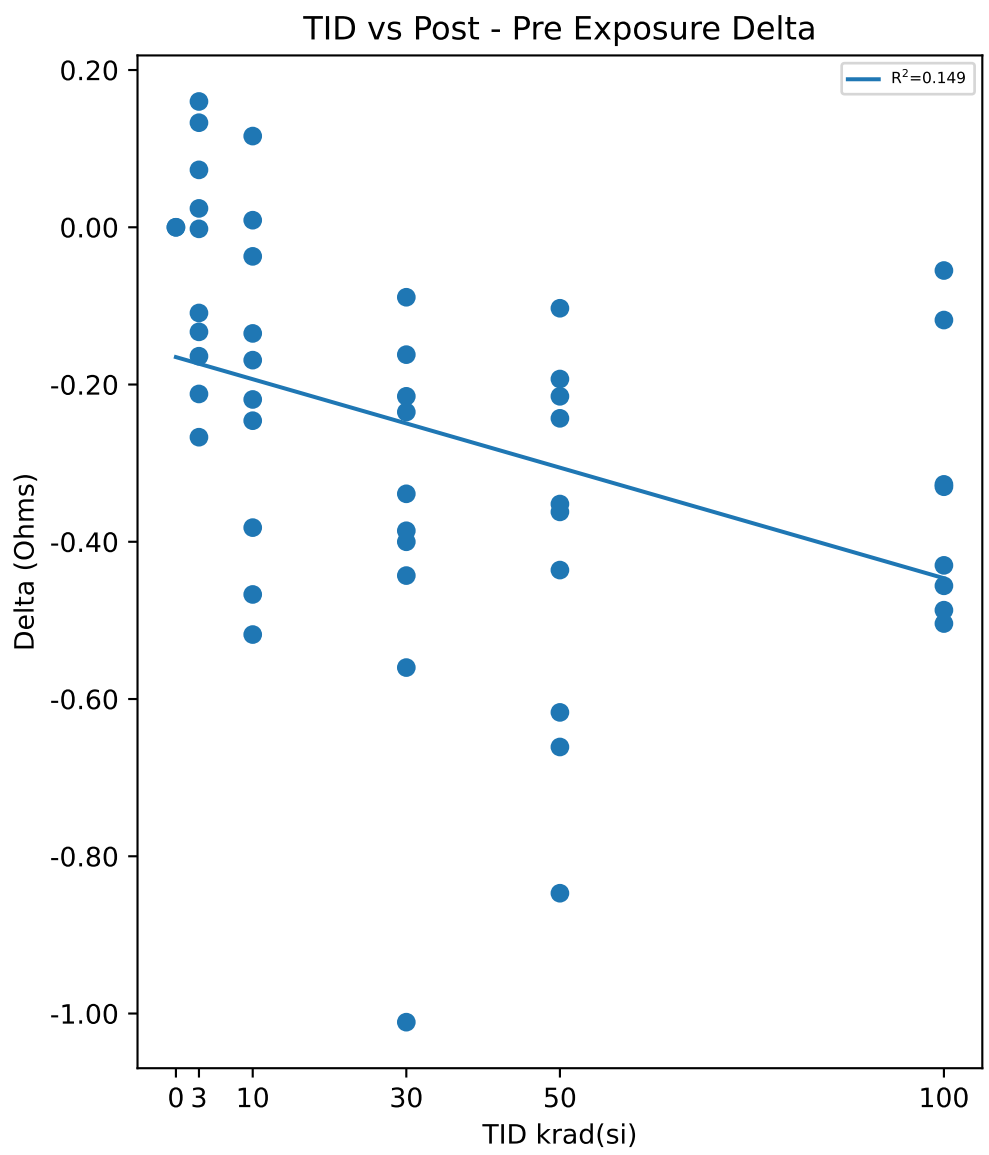
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.478	15.478	0
7	0	Correlation	15.478	15.478	0
16	3	LDR-Biased	15.603	15.152	-0.451
18	3	LDR-Biased	15.483	15.19	-0.293
19	3	LDR-Biased	15.492	15.508	0.016
20	3	LDR-Biased	15.388	15.24	-0.148
21	3	LDR-Biased	15.573	15.526	-0.047
22	3	LDR-Unbiased	15.422	15.609	0.187
23	3	LDR-Unbiased	15.442	15.529	0.087
25	3	LDR-Unbiased	15.431	15.353	-0.078
26	3	LDR-Unbiased	15.574	15.481	-0.093
27	3	LDR-Unbiased	15.489	15.461	-0.028
46	10	LDR-Biased	15.603	14.866	-0.737
48	10	LDR-Biased	15.483	14.897	-0.586
49	10	LDR-Biased	15.492	15.209	-0.283
50	10	LDR-Biased	15.388	14.959	-0.429
51	10	LDR-Biased	15.573	15.256	-0.317
52	10	LDR-Unbiased	15.422	15.55	0.128
53	10	LDR-Unbiased	15.442	15.46	0.018
55	10	LDR-Unbiased	15.431	15.269	-0.162
56	10	LDR-Unbiased	15.574	15.406	-0.168
57	10	LDR-Unbiased	15.489	15.378	-0.111
76	30	LDR-Biased	15.603	14.963	-0.64
78	30	LDR-Biased	15.483	14.509	-0.974
79	30	LDR-Biased	15.492	15.294	-0.198
80	30	LDR-Biased	15.388	15.065	-0.323
81	30	LDR-Biased	15.573	15.263	-0.31
82	30	LDR-Unbiased	15.422	15.408	-0.014
83	30	LDR-Unbiased	15.442	15.342	-0.1
84	30	LDR-Unbiased	15.489	15.252	-0.237
85	30	LDR-Unbiased	15.431	15.154	-0.277
86	30	LDR-Unbiased	15.574	15.284	-0.29
87	100	LDR-Biased	15.611	15.102	-0.509
88	100	LDR-Biased	15.663	15.433	-0.23
90	100	LDR-Biased	15.519	15.428	-0.091
91	100	LDR-Unbiased	15.414	14.964	-0.45
93	100	LDR-Unbiased	15.571	15.098	-0.473
94	100	LDR-Unbiased	15.632	15.07	-0.562
95	100	LDR-Unbiased	15.401	15.125	-0.276
96	100	LDR-Unbiased	15.507	14.911	-0.596
106	50	LDR-Biased	15.603	14.689	-0.914
108	50	LDR-Biased	15.483	14.717	-0.766
109	50	LDR-Biased	15.492	15.065	-0.427
110	50	LDR-Biased	15.388	14.48	-0.908
111	50	LDR-Biased	15.573	15.1	-0.473
112	50	LDR-Unbiased	15.422	15.27	-0.152
113	50	LDR-Unbiased	15.442	15.168	-0.274
115	50	LDR-Unbiased	15.431	14.992	-0.439
116	50	LDR-Unbiased	15.574	15.146	-0.428
117	50	LDR-Unbiased	15.489	15.104	-0.385

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.478	15.478	15.478	0	15.478	15.478	15.478	0	0	0	0	0
3	15.388	15.49	15.603	0.07271	15.152	15.405	15.609	0.16032	-0.451	-0.0848	0.187	0.1825
10	15.388	15.49	15.603	0.07271	14.866	15.225	15.55	0.24207	-0.737	-0.2647	0.128	0.26542
30	15.388	15.49	15.603	0.07271	14.509	15.153	15.408	0.2621	-0.974	-0.3363	-0.014	0.27771
50	15.388	15.49	15.603	0.07271	14.48	14.973	15.27	0.2555	-0.914	-0.5166	-0.152	0.25954
100	15.401	15.54	15.663	0.097337	14.911	15.141	15.433	0.19292	-0.596	-0.39837	-0.091	0.17893

Device Test: 18.34 Res_PD_PWRDG/PWRGD/1.6/14/0/0/2/@PWRGD_RNMOS_LOW_V





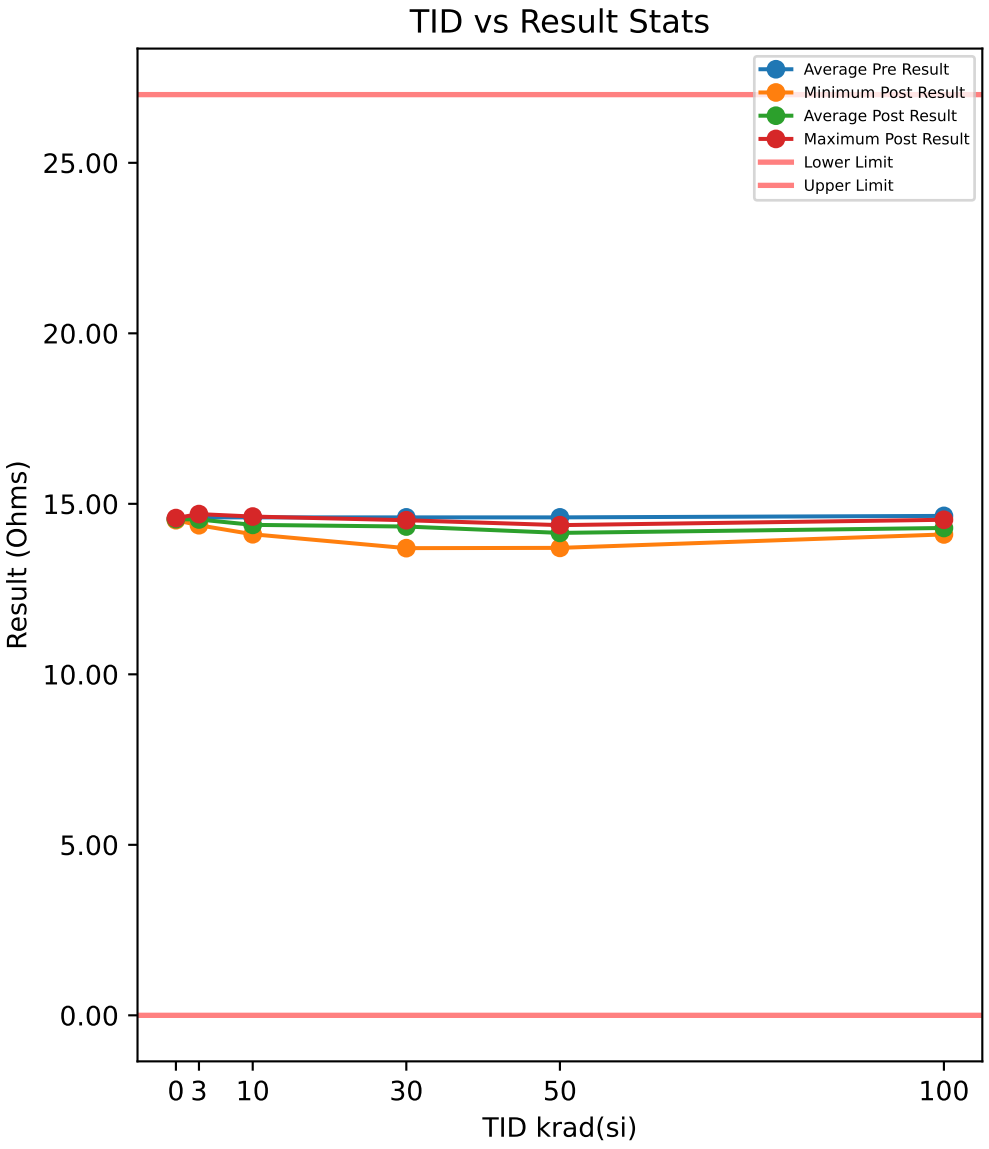
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

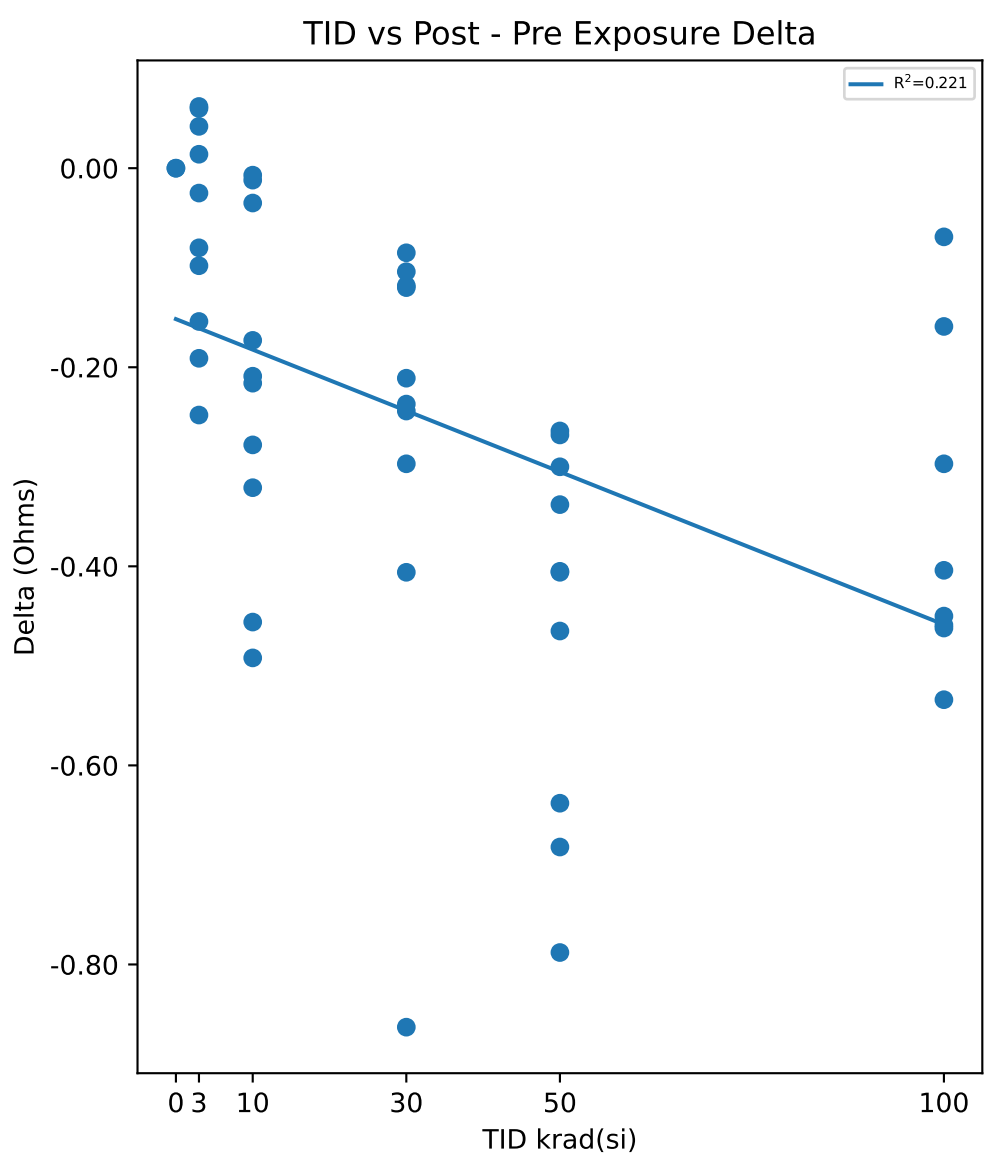
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.504	14.504	0
7	0	Correlation	14.366	14.366	0
16	3	LDR-Biased	14.522	14.255	-0.267
18	3	LDR-Biased	14.499	14.287	-0.212
19	3	LDR-Biased	14.415	14.548	0.133
20	3	LDR-Biased	14.413	14.28	-0.133
21	3	LDR-Biased	14.617	14.615	-0.002
22	3	LDR-Unbiased	14.413	14.573	0.16
23	3	LDR-Unbiased	14.49	14.514	0.024
25	3	LDR-Unbiased	14.474	14.31	-0.164
26	3	LDR-Unbiased	14.603	14.494	-0.109
27	3	LDR-Unbiased	14.475	14.548	0.073
46	10	LDR-Biased	14.522	14.004	-0.518
48	10	LDR-Biased	14.499	14.032	-0.467
49	10	LDR-Biased	14.415	14.28	-0.135
50	10	LDR-Biased	14.413	14.031	-0.382
51	10	LDR-Biased	14.617	14.371	-0.246
52	10	LDR-Unbiased	14.413	14.529	0.116
53	10	LDR-Unbiased	14.49	14.453	-0.037
55	10	LDR-Unbiased	14.474	14.255	-0.219
56	10	LDR-Unbiased	14.603	14.434	-0.169
57	10	LDR-Unbiased	14.475	14.484	0.009
76	30	LDR-Biased	14.522	13.962	-0.56
78	30	LDR-Biased	14.499	13.488	-1.011
79	30	LDR-Biased	14.415	14.253	-0.162
80	30	LDR-Biased	14.413	14.013	-0.4
81	30	LDR-Biased	14.617	14.278	-0.339
82	30	LDR-Unbiased	14.413	14.324	-0.089
83	30	LDR-Unbiased	14.49	14.255	-0.235
84	30	LDR-Unbiased	14.475	14.26	-0.215
85	30	LDR-Unbiased	14.474	14.031	-0.443
86	30	LDR-Unbiased	14.603	14.217	-0.386
87	100	LDR-Biased	14.645	14.158	-0.487
88	100	LDR-Biased	14.576	14.458	-0.118
90	100	LDR-Biased	14.524	14.469	-0.055
91	100	LDR-Unbiased	14.409	13.953	-0.456
93	100	LDR-Unbiased	14.629	14.125	-0.504
94	100	LDR-Unbiased	14.548	14.218	-0.33
95	100	LDR-Unbiased	14.448	14.121	-0.327
96	100	LDR-Unbiased	14.469	14.039	-0.43
106	50	LDR-Biased	14.522	13.861	-0.661
108	50	LDR-Biased	14.499	13.882	-0.617
109	50	LDR-Biased	14.415	14.2	-0.215
110	50	LDR-Biased	14.413	13.566	-0.847
111	50	LDR-Biased	14.617	14.265	-0.352
112	50	LDR-Unbiased	14.413	14.31	-0.103
113	50	LDR-Unbiased	14.49	14.247	-0.243
115	50	LDR-Unbiased	14.474	14.038	-0.436
116	50	LDR-Unbiased	14.603	14.241	-0.362
117	50	LDR-Unbiased	14.475	14.282	-0.193

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.366	14.435	14.504	0.097581	14.366	14.435	14.504	0.097581	0	0	0	0
3	14.413	14.492	14.617	0.072971	14.255	14.442	14.615	0.14146	-0.267	-0.0497	0.16	0.14802
10	14.413	14.492	14.617	0.072971	14.004	14.287	14.529	0.20147	-0.518	-0.2048	0.116	0.20631
30	14.413	14.492	14.617	0.072971	13.488	14.108	14.324	0.25251	-1.011	-0.384	-0.089	0.26182
50	14.413	14.492	14.617	0.072971	13.566	14.089	14.31	0.24685	-0.847	-0.4029	-0.103	0.23803
100	14.409	14.531	14.645	0.085004	13.953	14.193	14.469	0.18492	-0.504	-0.33838	-0.055	0.16938

Device Test: 18.35 Res_PD_SEQ/SEQ_DONE/1.6/14/0/0/2/@SEQDONE_RNMOS_LOW_V





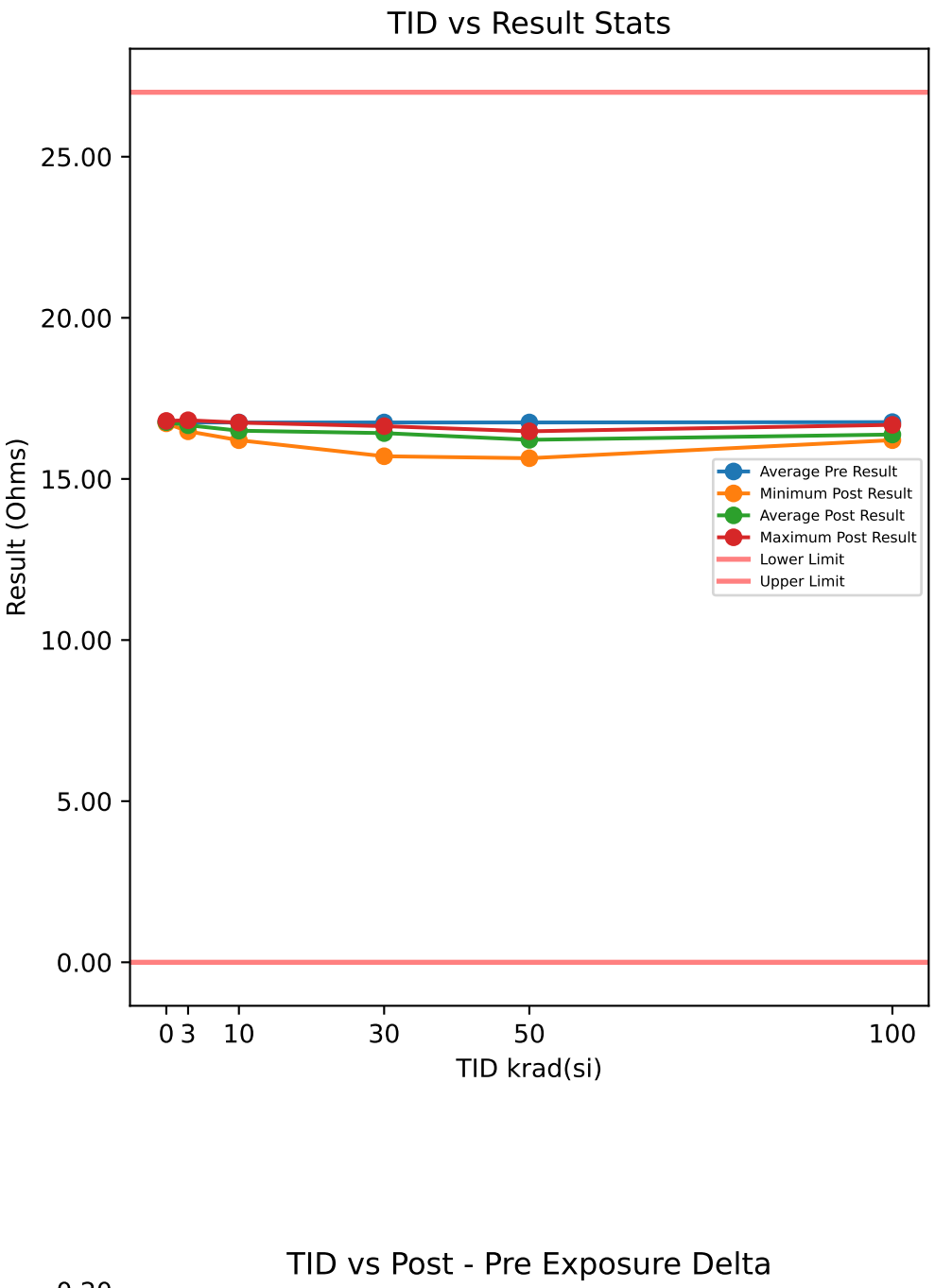
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.582	14.582	0
7	0	Correlation	14.519	14.519	0
16	3	LDR-Biased	14.627	14.379	-0.248
18	3	LDR-Biased	14.563	14.372	-0.191
19	3	LDR-Biased	14.604	14.666	0.062
20	3	LDR-Biased	14.496	14.416	-0.08
21	3	LDR-Biased	14.715	14.69	-0.025
22	3	LDR-Unbiased	14.55	14.592	0.042
23	3	LDR-Unbiased	14.571	14.585	0.014
25	3	LDR-Unbiased	14.59	14.436	-0.154
26	3	LDR-Unbiased	14.671	14.573	-0.098
27	3	LDR-Unbiased	14.639	14.699	0.06
46	10	LDR-Biased	14.627	14.135	-0.492
48	10	LDR-Biased	14.563	14.107	-0.456
49	10	LDR-Biased	14.604	14.395	-0.209
50	10	LDR-Biased	14.496	14.175	-0.321
51	10	LDR-Biased	14.715	14.437	-0.278
52	10	LDR-Unbiased	14.55	14.543	-0.007
53	10	LDR-Unbiased	14.571	14.536	-0.035
55	10	LDR-Unbiased	14.59	14.374	-0.216
56	10	LDR-Unbiased	14.671	14.498	-0.173
57	10	LDR-Unbiased	14.639	14.627	-0.012
76	30	LDR-Biased	14.627	14.221	-0.406
78	30	LDR-Biased	14.563	13.7	-0.863
79	30	LDR-Biased	14.604	14.5	-0.104
80	30	LDR-Biased	14.496	14.285	-0.211
81	30	LDR-Biased	14.715	14.471	-0.244
82	30	LDR-Unbiased	14.55	14.465	-0.085
83	30	LDR-Unbiased	14.571	14.453	-0.118
84	30	LDR-Unbiased	14.639	14.519	-0.12
85	30	LDR-Unbiased	14.59	14.293	-0.297
86	30	LDR-Unbiased	14.671	14.434	-0.237
87	100	LDR-Biased	14.694	14.235	-0.459
88	100	LDR-Biased	14.686	14.527	-0.159
90	100	LDR-Biased	14.601	14.532	-0.069
91	100	LDR-Unbiased	14.552	14.102	-0.45
93	100	LDR-Unbiased	14.729	14.195	-0.534
94	100	LDR-Unbiased	14.658	14.361	-0.297
95	100	LDR-Unbiased	14.614	14.21	-0.404
96	100	LDR-Unbiased	14.632	14.17	-0.462
106	50	LDR-Biased	14.627	13.945	-0.682
108	50	LDR-Biased	14.563	13.925	-0.638
109	50	LDR-Biased	14.604	14.266	-0.338
110	50	LDR-Biased	14.496	13.708	-0.788
111	50	LDR-Biased	14.715	14.31	-0.405
112	50	LDR-Unbiased	14.55	14.282	-0.268
113	50	LDR-Unbiased	14.571	14.271	-0.3
115	50	LDR-Unbiased	14.59	14.125	-0.465
116	50	LDR-Unbiased	14.671	14.265	-0.406
117	50	LDR-Unbiased	14.639	14.375	-0.264

Test Statistics (Ohms)

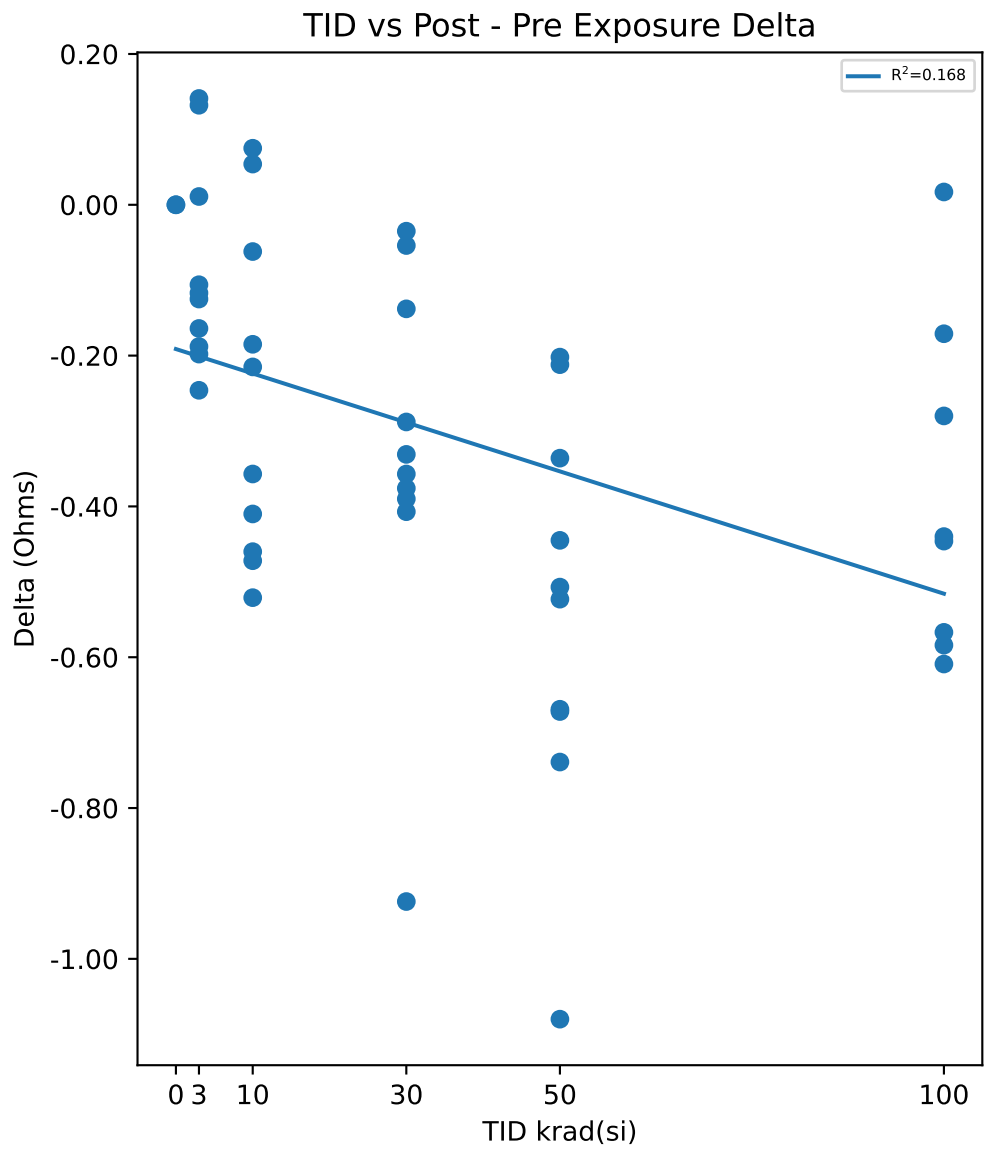
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.519	14.55	14.582	0.044548	14.519	14.55	14.582	0.044548	0	0	0	0
3	14.496	14.603	14.715	0.063325	14.372	14.541	14.699	0.12902	-0.248	-0.0618	0.062	0.11032
10	14.496	14.603	14.715	0.063325	14.107	14.383	14.627	0.18435	-0.492	-0.2199	-0.007	0.17271
30	14.496	14.603	14.715	0.063325	13.7	14.334	14.519	0.2451	-0.863	-0.2685	-0.085	0.23178
50	14.496	14.603	14.715	0.063325	13.708	14.147	14.375	0.21693	-0.788	-0.4554	-0.264	0.18561
100	14.552	14.646	14.729	0.057343	14.102	14.291	14.532	0.16386	-0.534	-0.35425	-0.069	0.16445

Device Test: 18.36 Res_PD_EN1/EN1/7/3/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

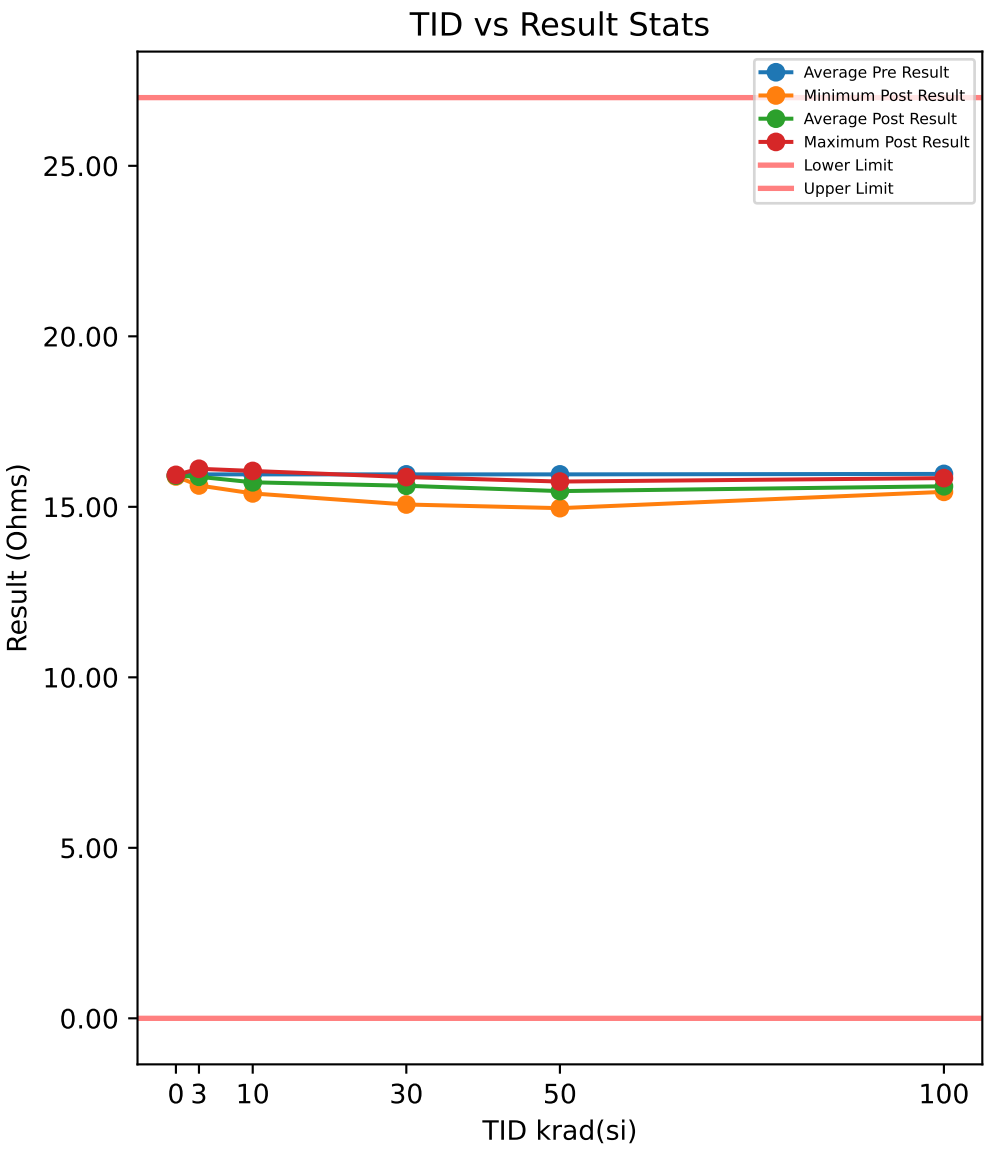
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	16.726	16.726	0
7	0	Correlation	16.8	16.8	0
16	3	LDR-Biased	16.784	16.586	-0.198
18	3	LDR-Biased	16.628	16.503	-0.125
19	3	LDR-Biased	16.758	16.57	-0.188
20	3	LDR-Biased	16.723	16.477	-0.246
21	3	LDR-Biased	16.881	16.764	-0.117
22	3	LDR-Unbiased	16.673	16.805	0.132
23	3	LDR-Unbiased	16.699	16.71	0.011
25	3	LDR-Unbiased	16.834	16.67	-0.164
26	3	LDR-Unbiased	16.863	16.757	-0.106
27	3	LDR-Unbiased	16.68	16.821	0.141
46	10	LDR-Biased	16.784	16.324	-0.46
48	10	LDR-Biased	16.628	16.218	-0.41
49	10	LDR-Biased	16.758	16.286	-0.472
50	10	LDR-Biased	16.723	16.202	-0.521
51	10	LDR-Biased	16.881	16.524	-0.357
52	10	LDR-Unbiased	16.673	16.748	0.075
53	10	LDR-Unbiased	16.699	16.637	-0.062
55	10	LDR-Unbiased	16.834	16.619	-0.215
56	10	LDR-Unbiased	16.863	16.678	-0.185
57	10	LDR-Unbiased	16.68	16.734	0.054
76	30	LDR-Biased	16.784	16.408	-0.376
78	30	LDR-Biased	16.628	15.704	-0.924
79	30	LDR-Biased	16.758	16.368	-0.39
80	30	LDR-Biased	16.723	16.316	-0.407
81	30	LDR-Biased	16.881	16.524	-0.357
82	30	LDR-Unbiased	16.673	16.638	-0.035
83	30	LDR-Unbiased	16.699	16.561	-0.138
84	30	LDR-Unbiased	16.68	16.626	-0.054
85	30	LDR-Unbiased	16.834	16.503	-0.331
86	30	LDR-Unbiased	16.863	16.575	-0.288
87	100	LDR-Biased	16.882	16.298	-0.584
88	100	LDR-Biased	16.844	16.673	-0.171
90	100	LDR-Biased	16.661	16.678	0.017
91	100	LDR-Unbiased	16.672	16.226	-0.446
93	100	LDR-Unbiased	16.894	16.327	-0.567
94	100	LDR-Unbiased	16.812	16.203	-0.609
95	100	LDR-Unbiased	16.662	16.382	-0.28
96	100	LDR-Unbiased	16.678	16.238	-0.44
106	50	LDR-Biased	16.784	16.045	-0.739
108	50	LDR-Biased	16.628	15.956	-0.672
109	50	LDR-Biased	16.758	16.089	-0.669
110	50	LDR-Biased	16.723	15.643	-1.08
111	50	LDR-Biased	16.881	16.358	-0.523
112	50	LDR-Unbiased	16.673	16.461	-0.212
113	50	LDR-Unbiased	16.699	16.363	-0.336
115	50	LDR-Unbiased	16.834	16.327	-0.507
116	50	LDR-Unbiased	16.863	16.418	-0.445
117	50	LDR-Unbiased	16.68	16.478	-0.202



Test Statistics (Ohms)

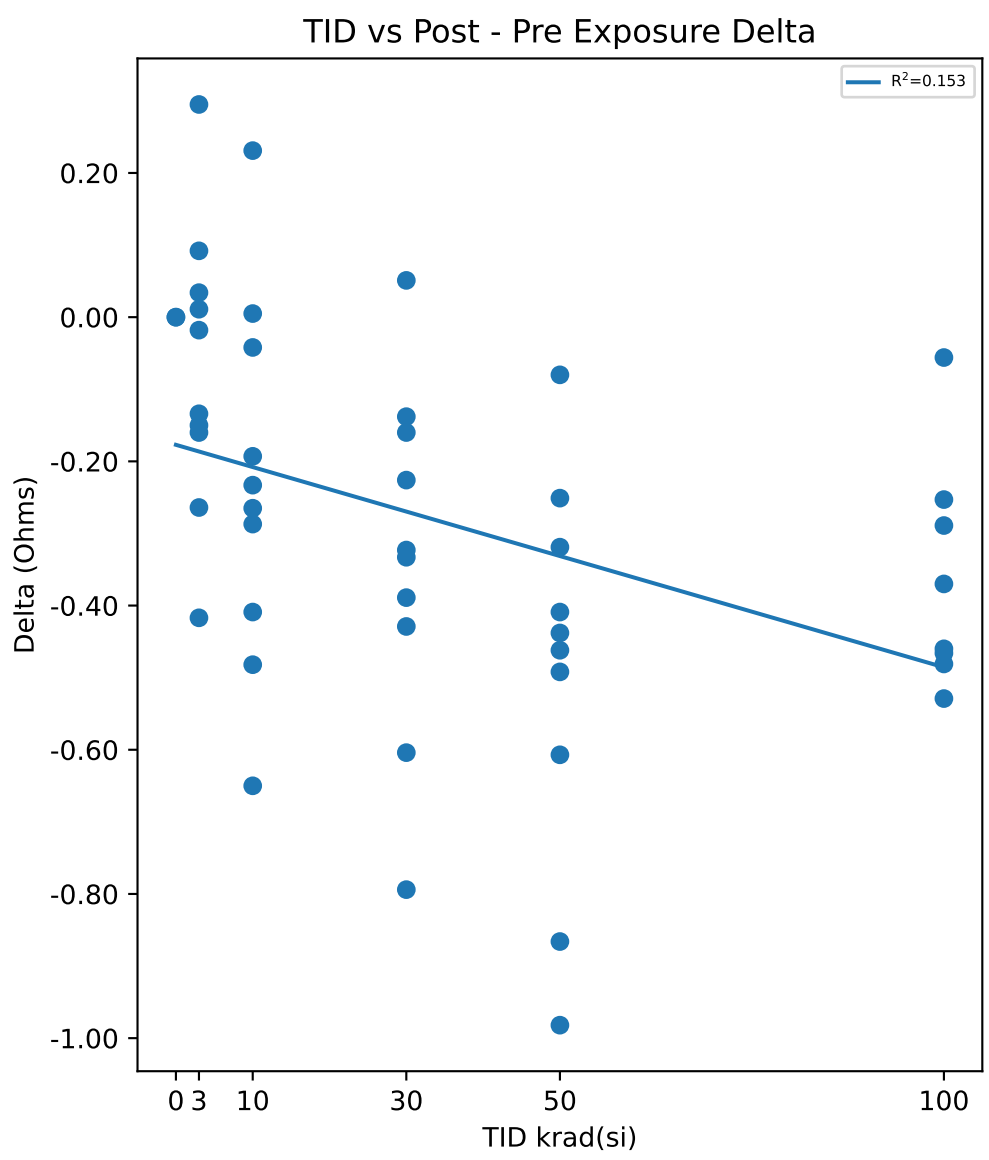
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	16.726	16.763	16.8	0.052326	16.726	16.763	16.8	0.052326	0	0	0	0
3	16.628	16.752	16.881	0.086407	16.477	16.666	16.821	0.12521	-0.246	-0.086	0.141	0.1358
10	16.628	16.752	16.881	0.086407	16.202	16.497	16.748	0.21768	-0.521	-0.2553	0.075	0.22172
30	16.628	16.752	16.881	0.086407	15.704	16.422	16.638	0.27444	-0.924	-0.33	-0.035	0.25101
50	16.628	16.752	16.881	0.086407	15.643	16.214	16.478	0.27179	-1.08	-0.5385	-0.202	0.26648
100	16.661	16.763	16.894	0.10447	16.203	16.378	16.678	0.19249	-0.609	-0.385	0.017	0.22299

Device Test: 18.37 Res_PD_EN2/EN2/7/3/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

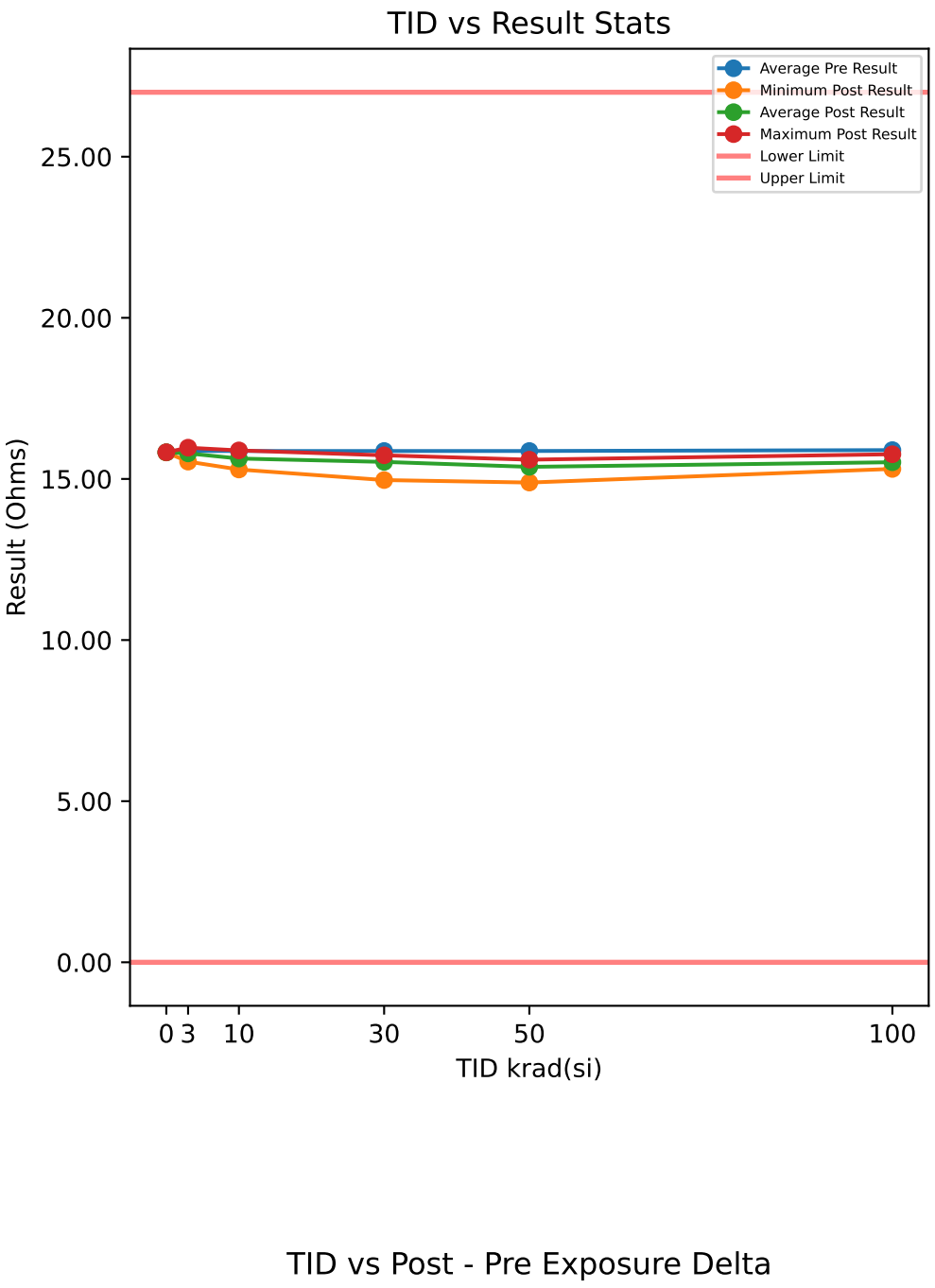
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.89	15.89	0
7	0	Correlation	15.937	15.937	0
16	3	LDR-Biased	16.043	15.626	-0.417
18	3	LDR-Biased	15.862	15.712	-0.15
19	3	LDR-Biased	15.937	15.948	0.011
20	3	LDR-Biased	15.943	15.679	-0.264
21	3	LDR-Biased	16.029	16.011	-0.018
22	3	LDR-Unbiased	15.821	16.116	0.295
23	3	LDR-Unbiased	15.964	15.998	0.034
25	3	LDR-Unbiased	15.936	15.802	-0.134
26	3	LDR-Unbiased	16.061	15.901	-0.16
27	3	LDR-Unbiased	15.92	16.012	0.092
46	10	LDR-Biased	16.043	15.393	-0.65
48	10	LDR-Biased	15.862	15.453	-0.409
49	10	LDR-Biased	15.937	15.672	-0.265
50	10	LDR-Biased	15.943	15.461	-0.482
51	10	LDR-Biased	16.029	15.742	-0.287
52	10	LDR-Unbiased	15.821	16.052	0.231
53	10	LDR-Unbiased	15.964	15.922	-0.042
55	10	LDR-Unbiased	15.936	15.743	-0.193
56	10	LDR-Unbiased	16.061	15.828	-0.233
57	10	LDR-Unbiased	15.92	15.925	0.005
76	30	LDR-Biased	16.043	15.439	-0.604
78	30	LDR-Biased	15.862	15.068	-0.794
79	30	LDR-Biased	15.937	15.711	-0.226
80	30	LDR-Biased	15.943	15.514	-0.429
81	30	LDR-Biased	16.029	15.706	-0.323
82	30	LDR-Unbiased	15.821	15.872	0.051
83	30	LDR-Unbiased	15.964	15.804	-0.16
84	30	LDR-Unbiased	15.92	15.782	-0.138
85	30	LDR-Unbiased	15.936	15.603	-0.333
86	30	LDR-Unbiased	16.061	15.672	-0.389
87	100	LDR-Biased	16.025	15.496	-0.529
88	100	LDR-Biased	16.122	15.833	-0.289
90	100	LDR-Biased	15.898	15.842	-0.056
91	100	LDR-Unbiased	15.809	15.439	-0.37
93	100	LDR-Unbiased	16.049	15.583	-0.466
94	100	LDR-Unbiased	16.063	15.582	-0.481
95	100	LDR-Unbiased	15.828	15.575	-0.253
96	100	LDR-Unbiased	15.925	15.465	-0.46
106	50	LDR-Biased	16.043	15.177	-0.866
108	50	LDR-Biased	15.862	15.255	-0.607
109	50	LDR-Biased	15.937	15.528	-0.409
110	50	LDR-Biased	15.943	14.961	-0.982
111	50	LDR-Biased	16.029	15.591	-0.438
112	50	LDR-Unbiased	15.821	15.741	-0.08
113	50	LDR-Unbiased	15.964	15.645	-0.319
115	50	LDR-Unbiased	15.936	15.474	-0.462
116	50	LDR-Unbiased	16.061	15.569	-0.492
117	50	LDR-Unbiased	15.92	15.669	-0.251

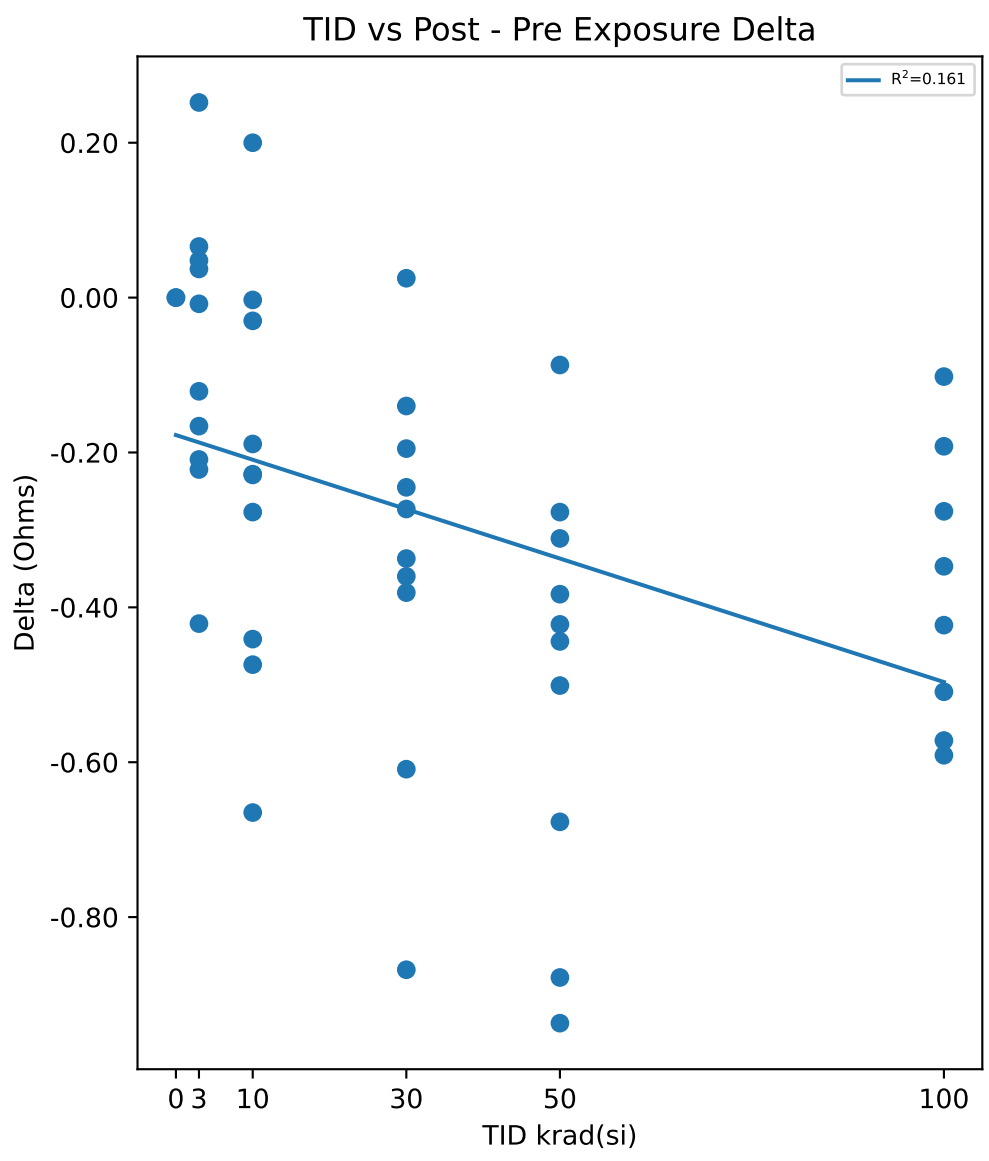


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.89	15.913	15.937	0.033234	15.89	15.913	15.937	0.033234	0	0	0	0
3	15.821	15.952	16.061	0.076797	15.626	15.881	16.116	0.16616	-0.417	-0.0711	0.295	0.19894
10	15.821	15.952	16.061	0.076797	15.393	15.719	16.052	0.22443	-0.65	-0.2325	0.231	0.25404
30	15.821	15.952	16.061	0.076797	15.068	15.617	15.872	0.23355	-0.794	-0.3345	0.051	0.24158
50	15.821	15.952	16.061	0.076797	14.961	15.461	15.741	0.24985	-0.982	-0.4906	-0.08	0.27114
100	15.809	15.965	16.122	0.11595	15.439	15.602	15.842	0.15539	-0.529	-0.363	-0.056	0.15738

Device Test: 18.38 Res_PD_EN3/EN3/7/3/0/0/2/@EN_RNMOS_LOW_V





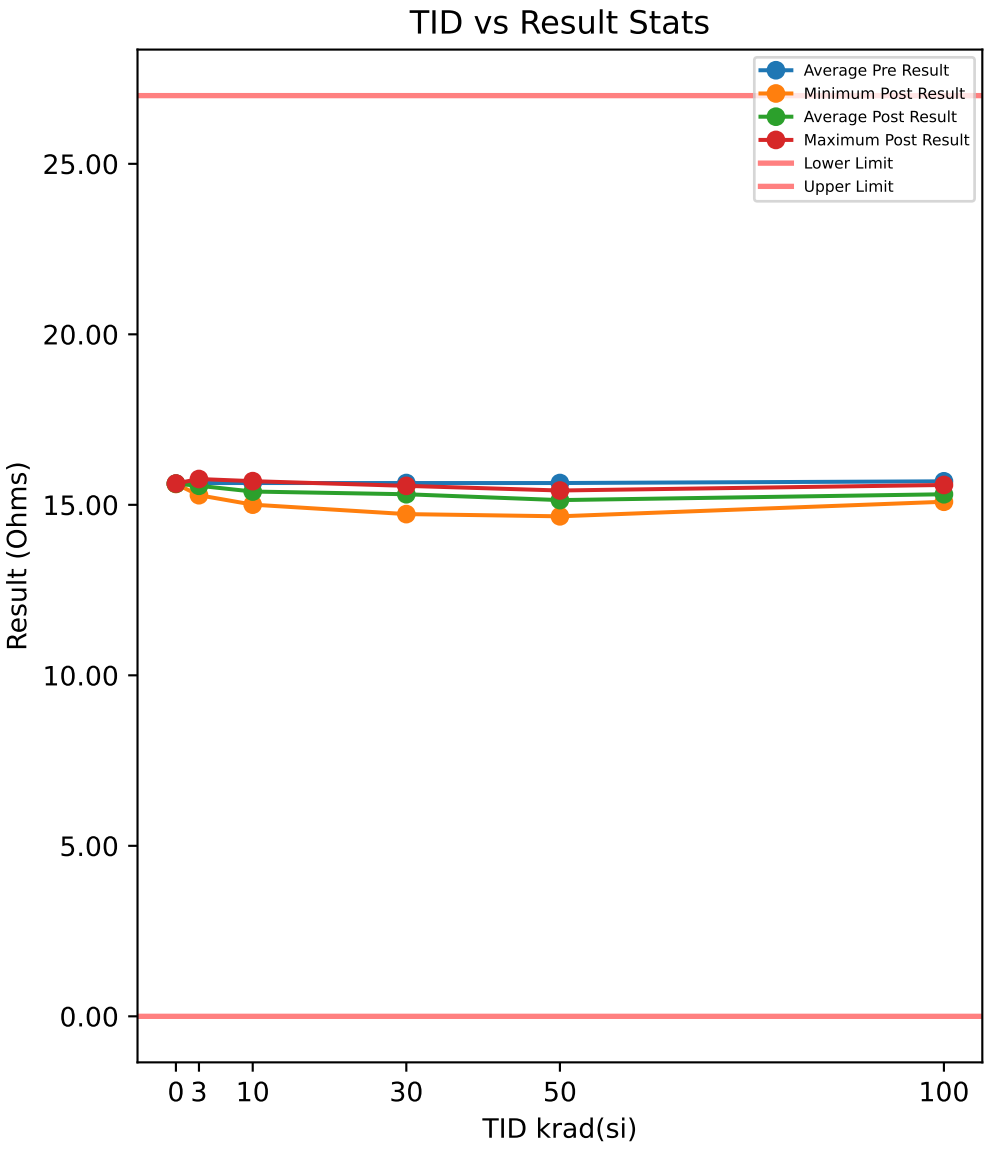
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

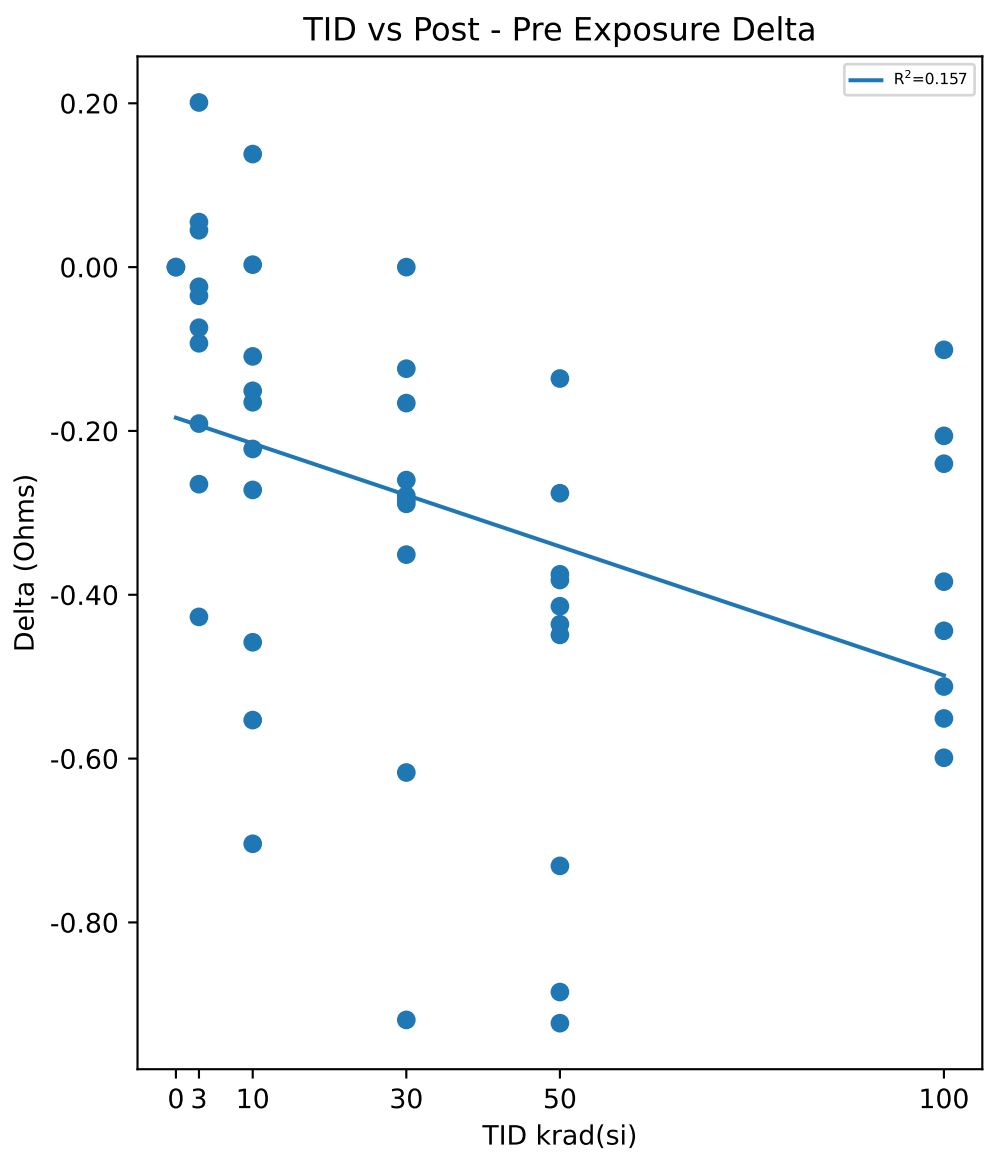
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.822	15.822	0
7	0	Correlation	15.828	15.828	0
16	3	LDR-Biased	15.958	15.537	-0.421
18	3	LDR-Biased	15.833	15.611	-0.222
19	3	LDR-Biased	15.903	15.895	-0.008
20	3	LDR-Biased	15.825	15.616	-0.209
21	3	LDR-Biased	15.922	15.97	0.048
22	3	LDR-Unbiased	15.685	15.937	0.252
23	3	LDR-Unbiased	15.873	15.939	0.066
25	3	LDR-Unbiased	15.846	15.68	-0.166
26	3	LDR-Unbiased	15.938	15.817	-0.121
27	3	LDR-Unbiased	15.885	15.922	0.037
46	10	LDR-Biased	15.958	15.293	-0.665
48	10	LDR-Biased	15.833	15.359	-0.474
49	10	LDR-Biased	15.903	15.626	-0.277
50	10	LDR-Biased	15.825	15.384	-0.441
51	10	LDR-Biased	15.922	15.694	-0.228
52	10	LDR-Unbiased	15.685	15.885	0.2
53	10	LDR-Unbiased	15.873	15.87	-0.003
55	10	LDR-Unbiased	15.846	15.617	-0.229
56	10	LDR-Unbiased	15.938	15.749	-0.189
57	10	LDR-Unbiased	15.885	15.855	-0.03
76	30	LDR-Biased	15.958	15.349	-0.609
78	30	LDR-Biased	15.833	14.965	-0.868
79	30	LDR-Biased	15.903	15.658	-0.245
80	30	LDR-Biased	15.825	15.444	-0.381
81	30	LDR-Biased	15.922	15.649	-0.273
82	30	LDR-Unbiased	15.685	15.71	0.025
83	30	LDR-Unbiased	15.873	15.733	-0.14
84	30	LDR-Unbiased	15.885	15.69	-0.195
85	30	LDR-Unbiased	15.846	15.486	-0.36
86	30	LDR-Unbiased	15.938	15.601	-0.337
87	100	LDR-Biased	16.029	15.438	-0.591
88	100	LDR-Biased	16.042	15.766	-0.276
90	100	LDR-Biased	15.868	15.766	-0.102
91	100	LDR-Unbiased	15.677	15.33	-0.347
93	100	LDR-Unbiased	15.925	15.502	-0.423
94	100	LDR-Unbiased	15.984	15.475	-0.509
95	100	LDR-Unbiased	15.75	15.558	-0.192
96	100	LDR-Unbiased	15.883	15.311	-0.572
106	50	LDR-Biased	15.958	15.08	-0.878
108	50	LDR-Biased	15.833	15.156	-0.677
109	50	LDR-Biased	15.903	15.481	-0.422
110	50	LDR-Biased	15.825	14.888	-0.937
111	50	LDR-Biased	15.922	15.539	-0.383
112	50	LDR-Unbiased	15.685	15.598	-0.087
113	50	LDR-Unbiased	15.873	15.596	-0.277
115	50	LDR-Unbiased	15.846	15.345	-0.501
116	50	LDR-Unbiased	15.938	15.494	-0.444
117	50	LDR-Unbiased	15.885	15.574	-0.311

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.822	15.825	15.828	0.0042426	15.822	15.825	15.828	0.0042426	0	0	0	0
3	15.685	15.867	15.958	0.077809	15.537	15.792	15.97	0.16457	-0.421	-0.0744	0.252	0.19109
10	15.685	15.867	15.958	0.077809	15.293	15.633	15.885	0.22089	-0.665	-0.2336	0.2	0.25243
30	15.685	15.867	15.958	0.077809	14.965	15.528	15.733	0.23478	-0.868	-0.3383	0.025	0.24966
50	15.685	15.867	15.958	0.077809	14.888	15.375	15.598	0.25023	-0.937	-0.4917	-0.087	0.26738
100	15.677	15.895	16.042	0.12973	15.311	15.518	15.766	0.17374	-0.591	-0.3765	-0.102	0.17901

Device Test: 18.39 Res_PD_EN4/EN4/7/3/0/0/2/@EN_RNMOS_LOW_V





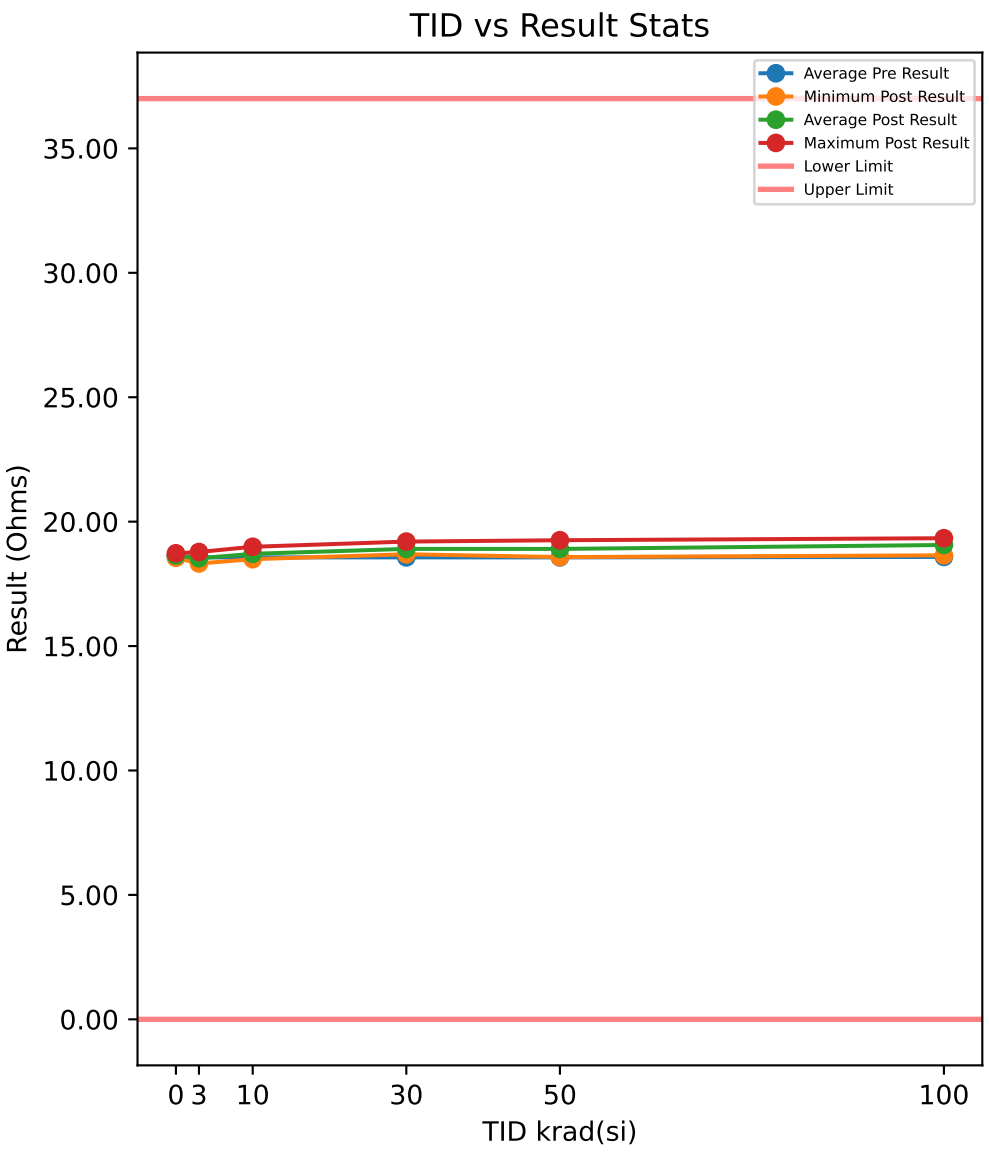
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

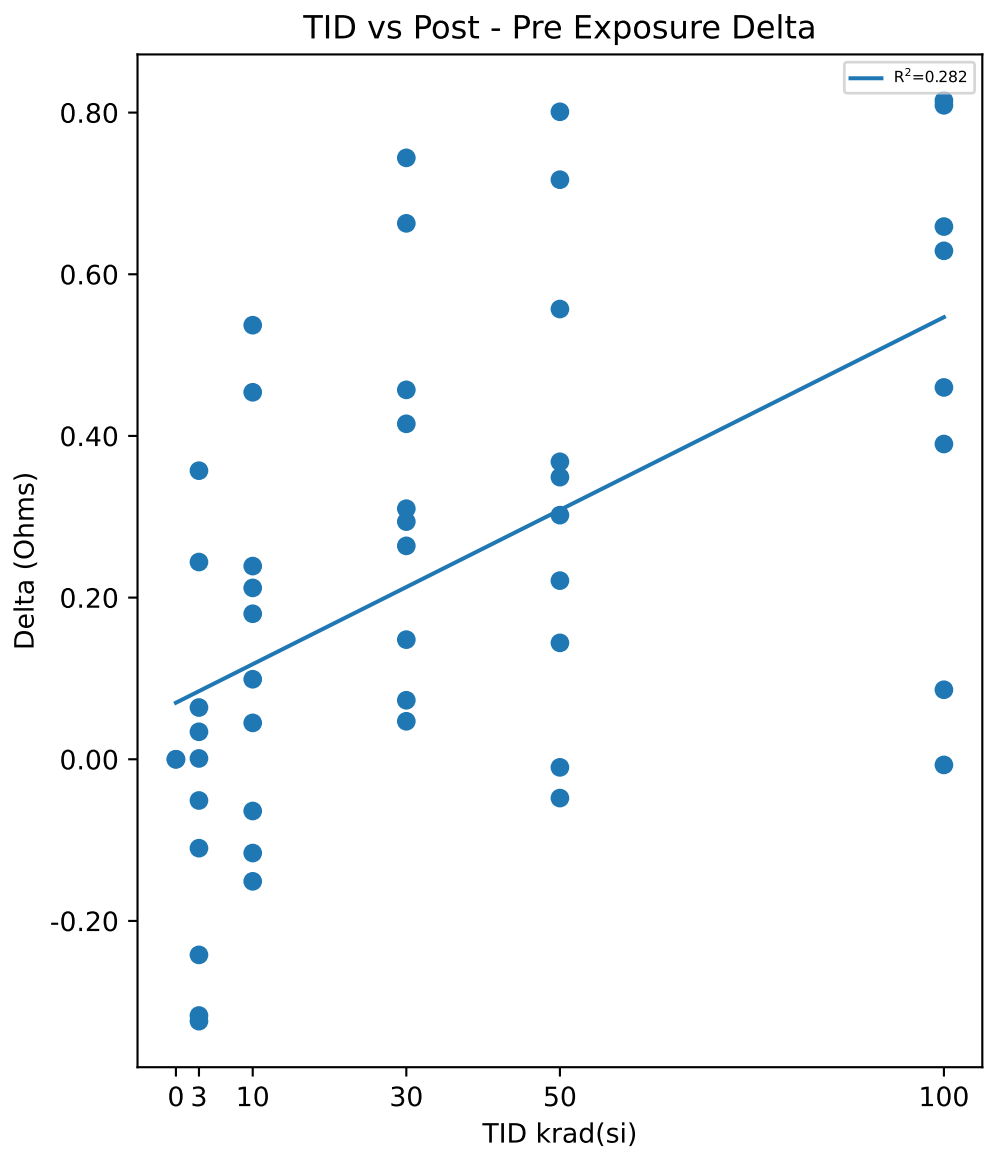
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.625	15.625	0
7	0	Correlation	15.612	15.612	0
16	3	LDR-Biased	15.709	15.282	-0.427
18	3	LDR-Biased	15.647	15.382	-0.265
19	3	LDR-Biased	15.617	15.662	0.045
20	3	LDR-Biased	15.586	15.395	-0.191
21	3	LDR-Biased	15.713	15.689	-0.024
22	3	LDR-Unbiased	15.556	15.757	0.201
23	3	LDR-Unbiased	15.615	15.67	0.055
25	3	LDR-Unbiased	15.577	15.484	-0.093
26	3	LDR-Unbiased	15.683	15.609	-0.074
27	3	LDR-Unbiased	15.687	15.652	-0.035
46	10	LDR-Biased	15.709	15.005	-0.704
48	10	LDR-Biased	15.647	15.094	-0.553
49	10	LDR-Biased	15.617	15.395	-0.222
50	10	LDR-Biased	15.586	15.128	-0.458
51	10	LDR-Biased	15.713	15.441	-0.272
52	10	LDR-Unbiased	15.556	15.694	0.138
53	10	LDR-Unbiased	15.615	15.618	0.003
55	10	LDR-Unbiased	15.577	15.412	-0.165
56	10	LDR-Unbiased	15.683	15.532	-0.151
57	10	LDR-Unbiased	15.687	15.578	-0.109
76	30	LDR-Biased	15.709	15.092	-0.617
78	30	LDR-Biased	15.647	14.728	-0.919
79	30	LDR-Biased	15.617	15.451	-0.166
80	30	LDR-Biased	15.586	15.235	-0.351
81	30	LDR-Biased	15.713	15.424	-0.289
82	30	LDR-Unbiased	15.556	15.556	0
83	30	LDR-Unbiased	15.615	15.491	-0.124
84	30	LDR-Unbiased	15.687	15.427	-0.26
85	30	LDR-Unbiased	15.577	15.293	-0.284
86	30	LDR-Unbiased	15.683	15.404	-0.279
87	100	LDR-Biased	15.784	15.233	-0.551
88	100	LDR-Biased	15.78	15.574	-0.206
90	100	LDR-Biased	15.683	15.582	-0.101
91	100	LDR-Unbiased	15.548	15.164	-0.384
93	100	LDR-Unbiased	15.727	15.283	-0.444
94	100	LDR-Unbiased	15.749	15.237	-0.512
95	100	LDR-Unbiased	15.556	15.316	-0.24
96	100	LDR-Unbiased	15.689	15.09	-0.599
106	50	LDR-Biased	15.709	14.824	-0.885
108	50	LDR-Biased	15.647	14.916	-0.731
109	50	LDR-Biased	15.617	15.242	-0.375
110	50	LDR-Biased	15.586	14.663	-0.923
111	50	LDR-Biased	15.713	15.277	-0.436
112	50	LDR-Unbiased	15.556	15.42	-0.136
113	50	LDR-Unbiased	15.615	15.339	-0.276
115	50	LDR-Unbiased	15.577	15.128	-0.449
116	50	LDR-Unbiased	15.683	15.269	-0.414
117	50	LDR-Unbiased	15.687	15.305	-0.382

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.612	15.619	15.625	0.0091924	15.612	15.619	15.625	0.0091924	0	0	0	0
3	15.556	15.639	15.713	0.05704	15.282	15.558	15.757	0.16012	-0.427	-0.0808	0.201	0.17799
10	15.556	15.639	15.713	0.05704	15.005	15.39	15.694	0.23746	-0.704	-0.2493	0.138	0.25689
30	15.556	15.639	15.713	0.05704	14.728	15.31	15.556	0.24514	-0.919	-0.3289	0	0.26231
50	15.556	15.639	15.713	0.05704	14.663	15.138	15.42	0.25138	-0.923	-0.5007	-0.136	0.25966
100	15.548	15.69	15.784	0.092547	15.09	15.31	15.582	0.17945	-0.599	-0.37962	-0.101	0.17986

Device Test: 18.4 Res_PU_PWRDG/PWRGD/1.6/3/0/0/2/@PWRGD_RPMOS_LOW_V





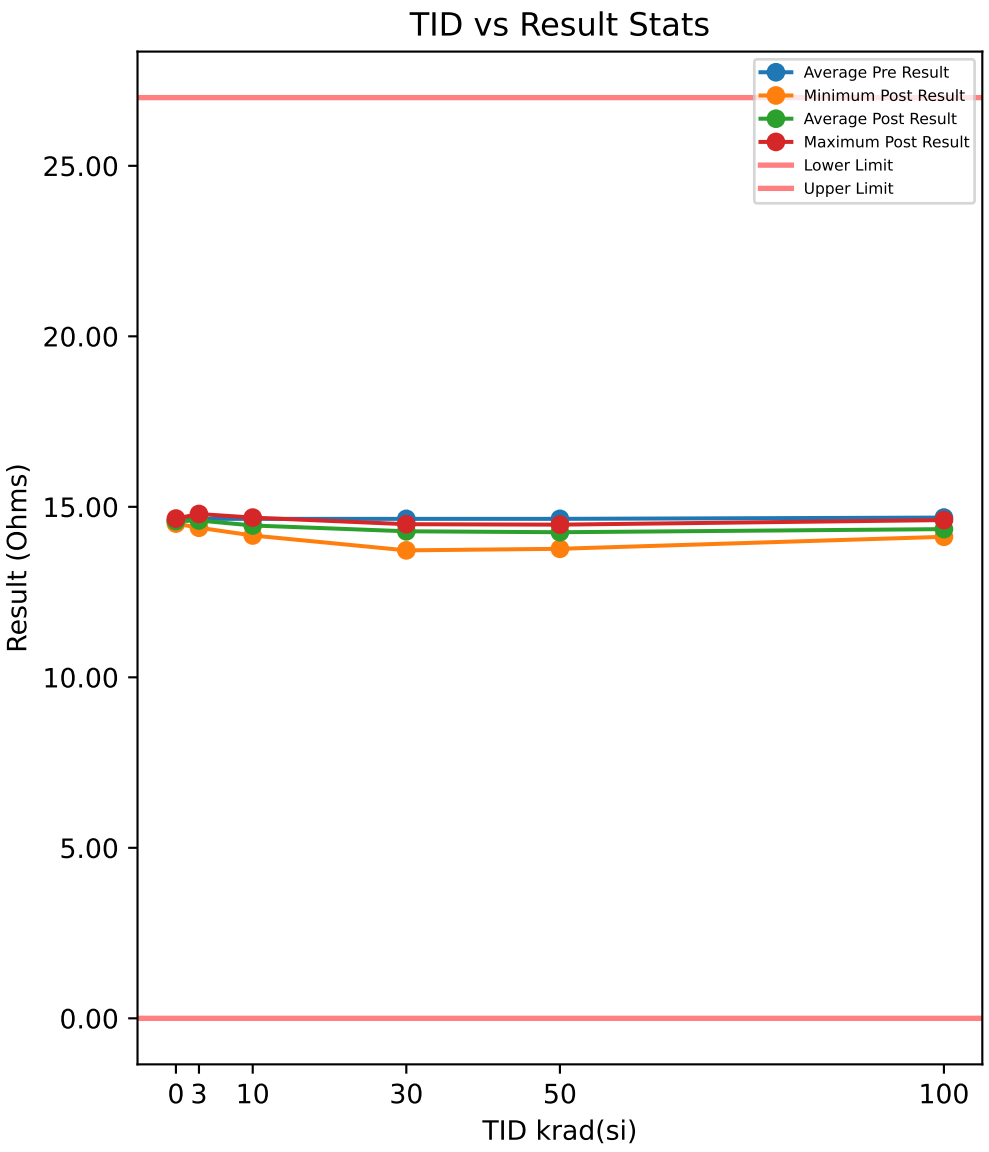
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

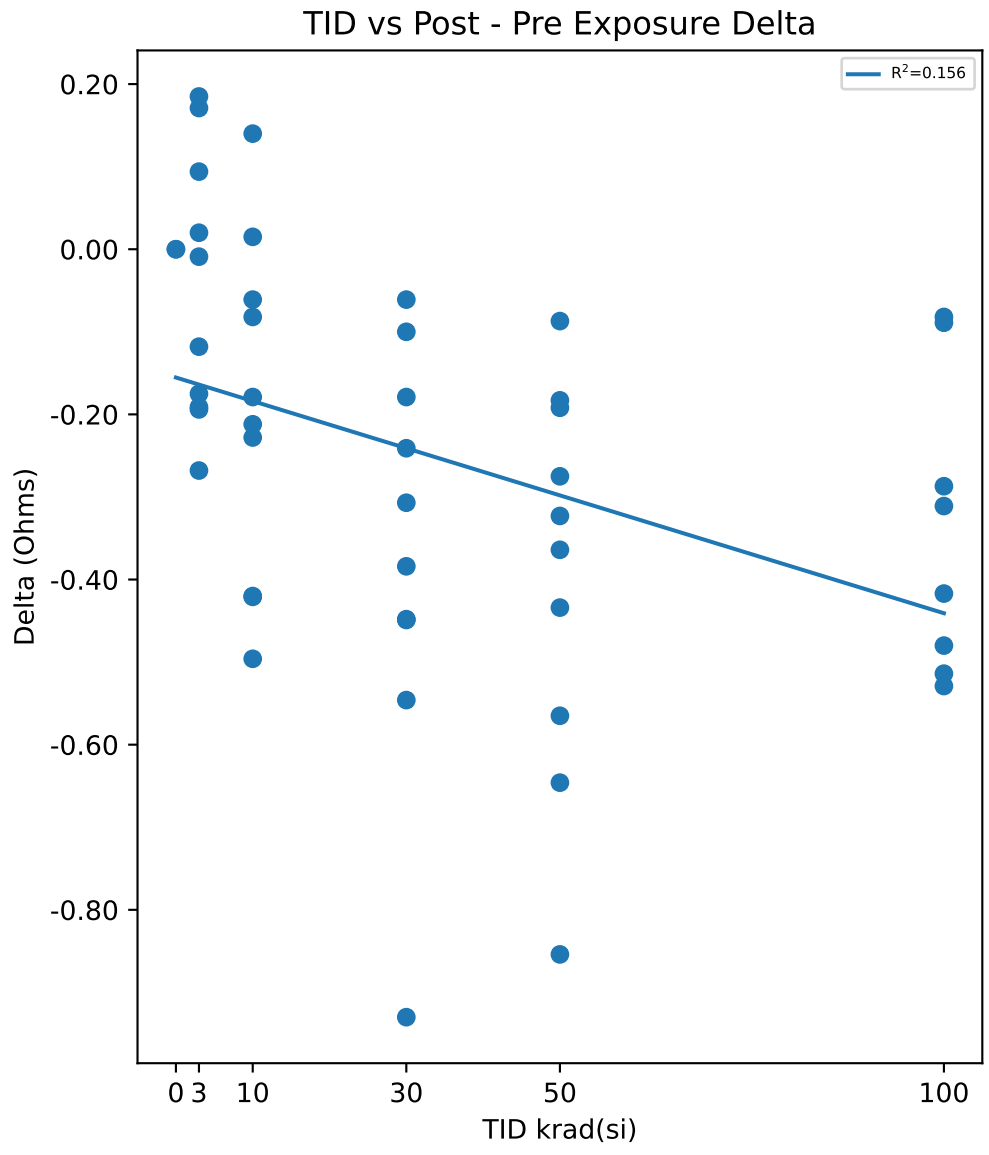
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	18.728	18.728	0
7	0	Correlation	18.548	18.548	0
16	3	LDR-Biased	18.586	18.344	-0.242
18	3	LDR-Biased	18.518	18.552	0.034
19	3	LDR-Biased	18.604	18.553	-0.051
20	3	LDR-Biased	18.643	18.319	-0.324
21	3	LDR-Biased	18.477	18.478	0.001
22	3	LDR-Unbiased	18.721	18.404	-0.317
23	3	LDR-Unbiased	18.316	18.673	0.357
25	3	LDR-Unbiased	18.536	18.78	0.244
26	3	LDR-Unbiased	18.576	18.64	0.064
27	3	LDR-Unbiased	18.658	18.548	-0.11
46	10	LDR-Biased	18.586	18.522	-0.064
48	10	LDR-Biased	18.518	18.73	0.212
49	10	LDR-Biased	18.604	18.703	0.099
50	10	LDR-Biased	18.643	18.492	-0.151
51	10	LDR-Biased	18.477	18.657	0.18
52	10	LDR-Unbiased	18.721	18.605	-0.116
53	10	LDR-Unbiased	18.316	18.853	0.537
55	10	LDR-Unbiased	18.536	18.99	0.454
56	10	LDR-Unbiased	18.576	18.815	0.239
57	10	LDR-Unbiased	18.658	18.703	0.045
76	30	LDR-Biased	18.586	18.734	0.148
78	30	LDR-Biased	18.518	18.933	0.415
79	30	LDR-Biased	18.604	18.898	0.294
80	30	LDR-Biased	18.643	18.69	0.047
81	30	LDR-Biased	18.477	18.787	0.31
82	30	LDR-Unbiased	18.721	18.794	0.073
83	30	LDR-Unbiased	18.316	19.06	0.744
84	30	LDR-Unbiased	18.658	18.922	0.264
85	30	LDR-Unbiased	18.536	19.199	0.663
86	30	LDR-Unbiased	18.576	19.033	0.457
87	100	LDR-Biased	18.486	19.301	0.815
88	100	LDR-Biased	18.654	18.647	-0.007
90	100	LDR-Biased	18.573	18.659	0.086
91	100	LDR-Unbiased	18.705	19.334	0.629
93	100	LDR-Unbiased	18.486	19.295	0.809
94	100	LDR-Unbiased	18.618	19.008	0.39
95	100	LDR-Unbiased	18.48	19.139	0.659
96	100	LDR-Unbiased	18.658	19.118	0.46
106	50	LDR-Biased	18.586	18.576	-0.01
108	50	LDR-Biased	18.518	18.886	0.368
109	50	LDR-Biased	18.604	18.825	0.221
110	50	LDR-Biased	18.643	18.595	-0.048
111	50	LDR-Biased	18.477	18.779	0.302
112	50	LDR-Unbiased	18.721	18.865	0.144
113	50	LDR-Unbiased	18.316	19.117	0.801
115	50	LDR-Unbiased	18.536	19.253	0.717
116	50	LDR-Unbiased	18.576	19.133	0.557
117	50	LDR-Unbiased	18.658	19.007	0.349

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.548	18.638	18.728	0.12728	18.548	18.638	18.728	0.12728	0	0	0	0
3	18.316	18.563	18.721	0.11251	18.319	18.529	18.78	0.14685	-0.324	-0.0344	0.357	0.22586
10	18.316	18.563	18.721	0.11251	18.492	18.707	18.99	0.15165	-0.151	0.1435	0.537	0.22978
30	18.316	18.563	18.721	0.11251	18.69	18.905	19.199	0.15975	0.047	0.3415	0.744	0.23325
50	18.316	18.563	18.721	0.11251	18.576	18.904	19.253	0.22534	-0.048	0.3401	0.801	0.28474
100	18.48	18.582	18.705	0.089682	18.647	19.063	19.334	0.27568	-0.007	0.48012	0.815	0.31067

Device Test: 18.40 Res_PD_PWRDG/PWRGD/7/3/0/0/2/@PWRGD_RNMOS_LOW_V





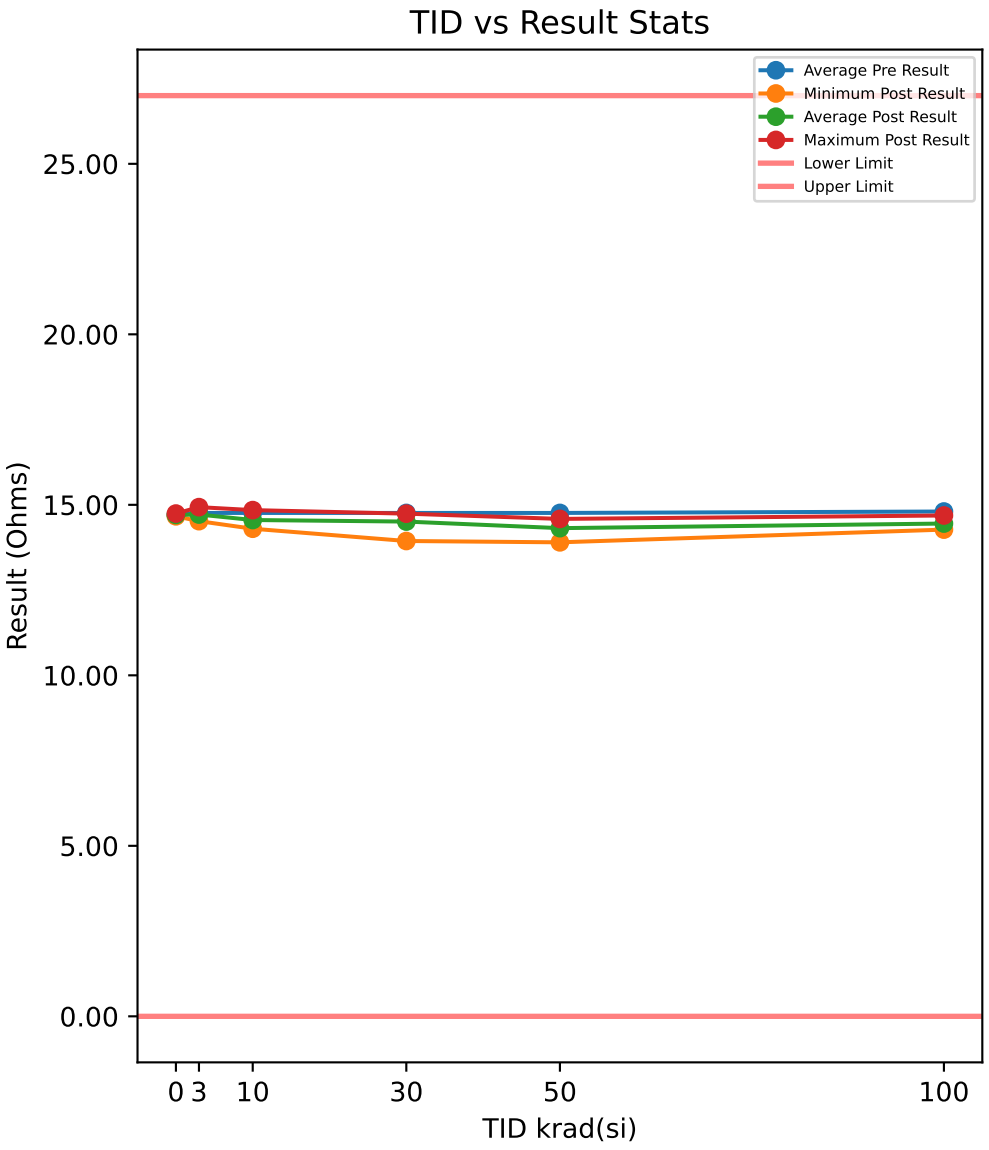
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

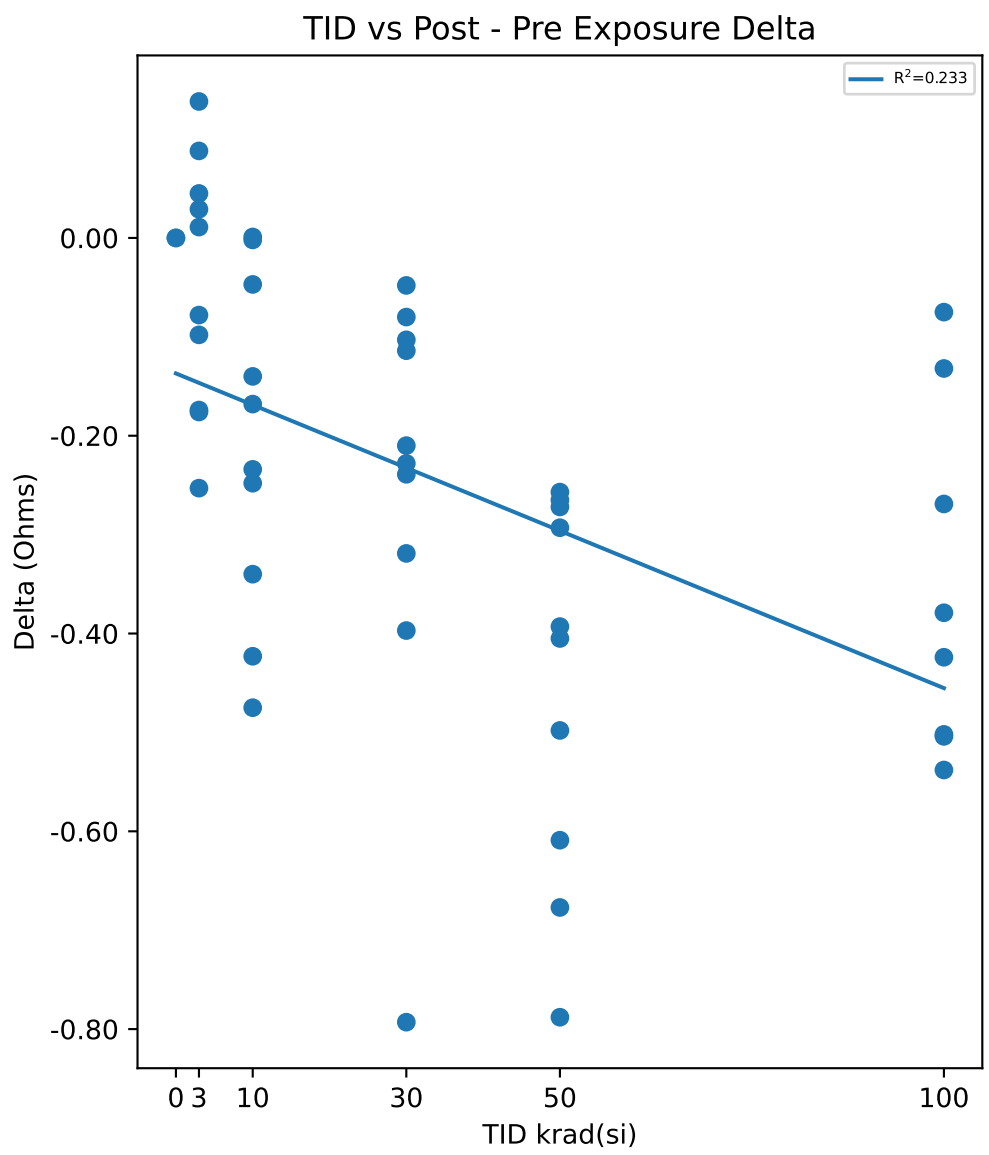
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.655	14.655	0
7	0	Correlation	14.508	14.508	0
16	3	LDR-Biased	14.655	14.387	-0.268
18	3	LDR-Biased	14.653	14.462	-0.191
19	3	LDR-Biased	14.55	14.721	0.171
20	3	LDR-Biased	14.623	14.429	-0.194
21	3	LDR-Biased	14.77	14.79	0.02
22	3	LDR-Unbiased	14.543	14.728	0.185
23	3	LDR-Unbiased	14.655	14.646	-0.009
25	3	LDR-Unbiased	14.616	14.441	-0.175
26	3	LDR-Unbiased	14.737	14.619	-0.118
27	3	LDR-Unbiased	14.669	14.763	0.094
46	10	LDR-Biased	14.655	14.159	-0.496
48	10	LDR-Biased	14.653	14.233	-0.42
49	10	LDR-Biased	14.55	14.468	-0.082
50	10	LDR-Biased	14.623	14.202	-0.421
51	10	LDR-Biased	14.77	14.558	-0.212
52	10	LDR-Unbiased	14.543	14.683	0.14
53	10	LDR-Unbiased	14.655	14.594	-0.061
55	10	LDR-Unbiased	14.616	14.388	-0.228
56	10	LDR-Unbiased	14.737	14.558	-0.179
57	10	LDR-Unbiased	14.669	14.684	0.015
76	30	LDR-Biased	14.655	14.109	-0.546
78	30	LDR-Biased	14.653	13.723	-0.93
79	30	LDR-Biased	14.55	14.45	-0.1
80	30	LDR-Biased	14.623	14.174	-0.449
81	30	LDR-Biased	14.77	14.463	-0.307
82	30	LDR-Unbiased	14.543	14.482	-0.061
83	30	LDR-Unbiased	14.655	14.414	-0.241
84	30	LDR-Unbiased	14.669	14.49	-0.179
85	30	LDR-Unbiased	14.616	14.168	-0.448
86	30	LDR-Unbiased	14.737	14.353	-0.384
87	100	LDR-Biased	14.816	14.287	-0.529
88	100	LDR-Biased	14.7	14.611	-0.089
90	100	LDR-Biased	14.688	14.606	-0.082
91	100	LDR-Unbiased	14.538	14.121	-0.417
93	100	LDR-Unbiased	14.788	14.274	-0.514
94	100	LDR-Unbiased	14.681	14.37	-0.311
95	100	LDR-Unbiased	14.603	14.316	-0.287
96	100	LDR-Unbiased	14.664	14.184	-0.48
106	50	LDR-Biased	14.655	14.009	-0.646
108	50	LDR-Biased	14.653	14.088	-0.565
109	50	LDR-Biased	14.55	14.367	-0.183
110	50	LDR-Biased	14.623	13.769	-0.854
111	50	LDR-Biased	14.77	14.447	-0.323
112	50	LDR-Unbiased	14.543	14.456	-0.087
113	50	LDR-Unbiased	14.655	14.38	-0.275
115	50	LDR-Unbiased	14.616	14.182	-0.434
116	50	LDR-Unbiased	14.737	14.373	-0.364
117	50	LDR-Unbiased	14.669	14.477	-0.192

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.508	14.581	14.655	0.10394	14.508	14.581	14.655	0.10394	0	0	0	0
3	14.543	14.647	14.77	0.071211	14.387	14.599	14.79	0.15459	-0.268	-0.0485	0.185	0.16321
10	14.543	14.647	14.77	0.071211	14.159	14.453	14.684	0.19734	-0.496	-0.1944	0.14	0.20575
30	14.543	14.647	14.77	0.071211	13.723	14.283	14.49	0.24353	-0.93	-0.3645	-0.061	0.25435
50	14.543	14.647	14.77	0.071211	13.769	14.255	14.477	0.23537	-0.854	-0.3923	-0.087	0.23702
100	14.538	14.685	14.816	0.090074	14.121	14.346	14.611	0.17922	-0.529	-0.33862	-0.082	0.17918

Device Test: 18.41 Res_PD_SEQ/SEQ_DONE/7/3/0/0/2/@SEQDONE_RNMOS_LOW_V





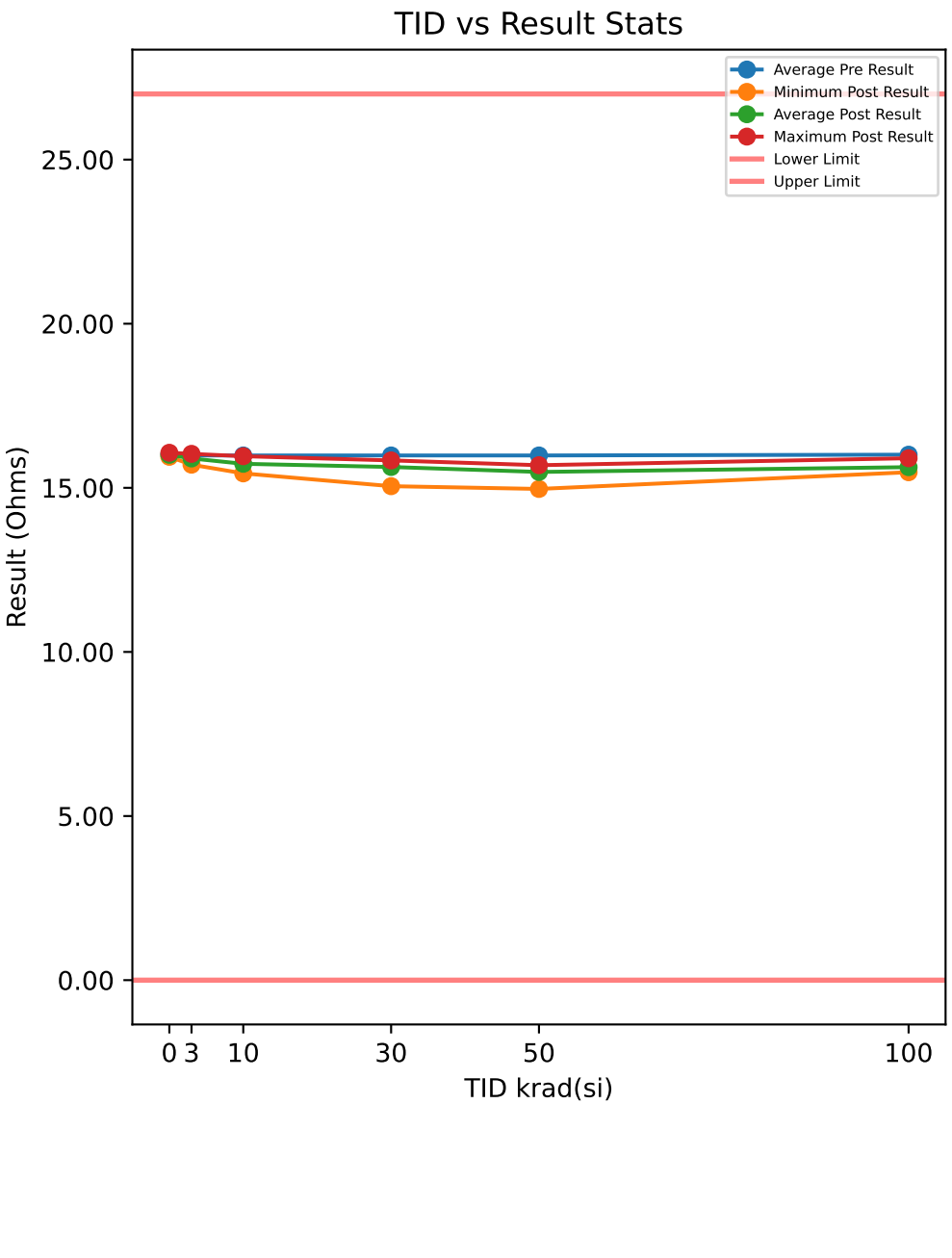
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.744	14.744	0
7	0	Correlation	14.663	14.663	0
16	3	LDR-Biased	14.774	14.521	-0.253
18	3	LDR-Biased	14.732	14.558	-0.174
19	3	LDR-Biased	14.724	14.862	0.138
20	3	LDR-Biased	14.688	14.59	-0.098
21	3	LDR-Biased	14.873	14.902	0.029
22	3	LDR-Unbiased	14.702	14.747	0.045
23	3	LDR-Unbiased	14.736	14.747	0.011
25	3	LDR-Unbiased	14.75	14.574	-0.176
26	3	LDR-Unbiased	14.796	14.718	-0.078
27	3	LDR-Unbiased	14.844	14.932	0.088
46	10	LDR-Biased	14.774	14.299	-0.475
48	10	LDR-Biased	14.732	14.309	-0.423
49	10	LDR-Biased	14.724	14.584	-0.14
50	10	LDR-Biased	14.688	14.348	-0.34
51	10	LDR-Biased	14.873	14.625	-0.248
52	10	LDR-Unbiased	14.702	14.7	-0.002
53	10	LDR-Unbiased	14.736	14.689	-0.047
55	10	LDR-Unbiased	14.75	14.516	-0.234
56	10	LDR-Unbiased	14.796	14.628	-0.168
57	10	LDR-Unbiased	14.844	14.845	0.001
76	30	LDR-Biased	14.774	14.377	-0.397
78	30	LDR-Biased	14.732	13.939	-0.793
79	30	LDR-Biased	14.724	14.676	-0.048
80	30	LDR-Biased	14.688	14.46	-0.228
81	30	LDR-Biased	14.873	14.663	-0.21
82	30	LDR-Unbiased	14.702	14.622	-0.08
83	30	LDR-Unbiased	14.736	14.622	-0.114
84	30	LDR-Unbiased	14.844	14.741	-0.103
85	30	LDR-Unbiased	14.75	14.431	-0.319
86	30	LDR-Unbiased	14.796	14.557	-0.239
87	100	LDR-Biased	14.861	14.357	-0.504
88	100	LDR-Biased	14.813	14.681	-0.132
90	100	LDR-Biased	14.762	14.687	-0.075
91	100	LDR-Unbiased	14.697	14.273	-0.424
93	100	LDR-Unbiased	14.887	14.349	-0.538
94	100	LDR-Unbiased	14.795	14.526	-0.269
95	100	LDR-Unbiased	14.769	14.39	-0.379
96	100	LDR-Unbiased	14.846	14.344	-0.502
106	50	LDR-Biased	14.774	14.097	-0.677
108	50	LDR-Biased	14.732	14.123	-0.609
109	50	LDR-Biased	14.724	14.452	-0.272
110	50	LDR-Biased	14.688	13.9	-0.788
111	50	LDR-Biased	14.873	14.48	-0.393
112	50	LDR-Unbiased	14.702	14.437	-0.265
113	50	LDR-Unbiased	14.736	14.443	-0.293
115	50	LDR-Unbiased	14.75	14.252	-0.498
116	50	LDR-Unbiased	14.796	14.391	-0.405
117	50	LDR-Unbiased	14.844	14.587	-0.257

Test Statistics (Ohms)

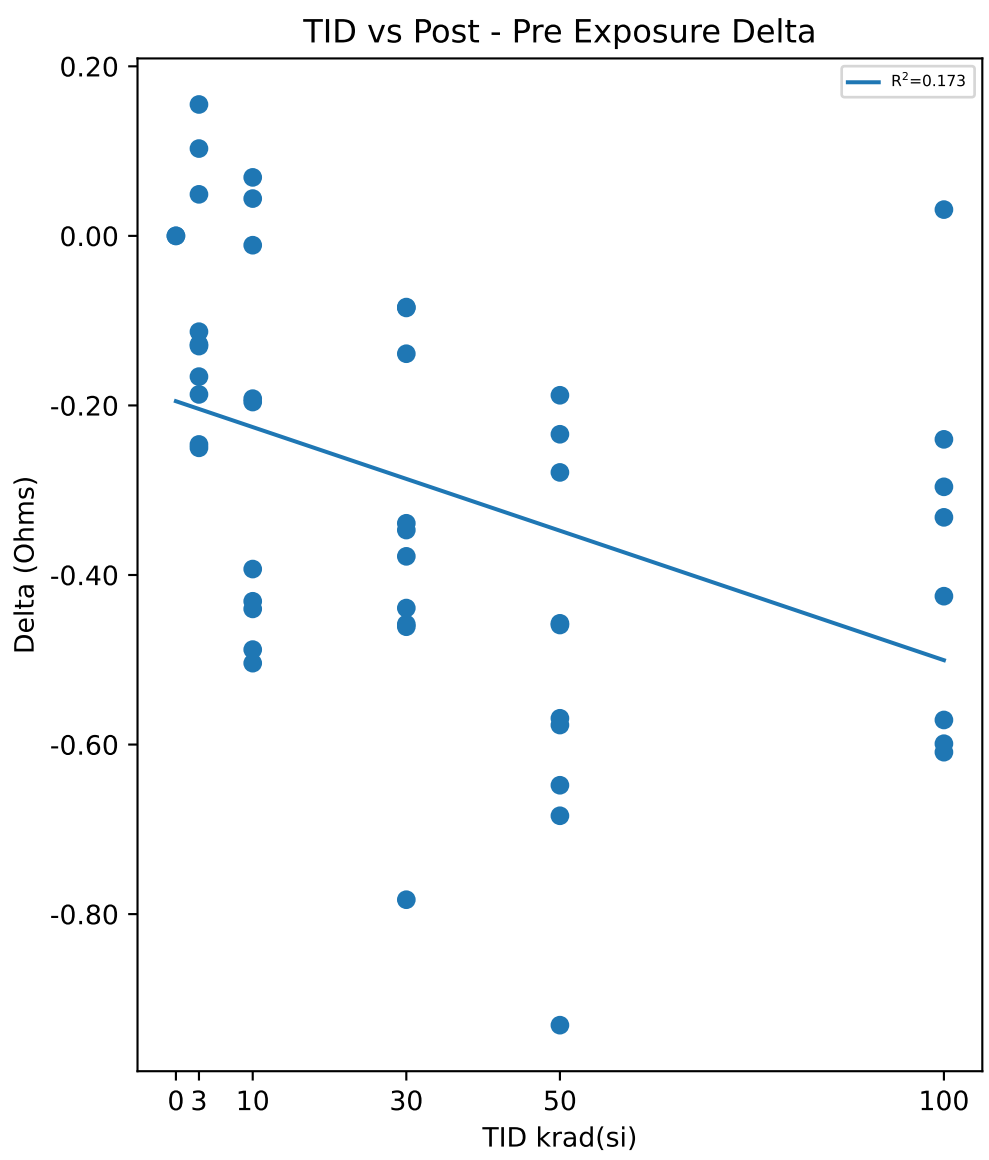
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.663	14.704	14.744	0.057276	14.663	14.704	14.744	0.057276	0	0	0	0
3	14.688	14.762	14.873	0.060171	14.521	14.715	14.932	0.15038	-0.253	-0.0468	0.138	0.12859
10	14.688	14.762	14.873	0.060171	14.299	14.554	14.845	0.18396	-0.475	-0.2076	0.001	0.16848
30	14.688	14.762	14.873	0.060171	13.939	14.509	14.741	0.23192	-0.793	-0.2531	-0.048	0.21938
50	14.688	14.762	14.873	0.060171	13.9	14.316	14.587	0.2154	-0.788	-0.4457	-0.257	0.1904
100	14.697	14.804	14.887	0.06153	14.273	14.451	14.687	0.1605	-0.538	-0.35288	-0.075	0.17652

Device Test: 18.42 Res_PD_EN1/EN1/7/14/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.945	15.945	0
7	0	Correlation	16.068	16.068	0
16	3	LDR-Biased	16.058	15.812	-0.246
18	3	LDR-Biased	15.833	15.705	-0.128
19	3	LDR-Biased	16.019	15.769	-0.25
20	3	LDR-Biased	15.897	15.71	-0.187
21	3	LDR-Biased	16.151	15.985	-0.166
22	3	LDR-Unbiased	15.919	16.022	0.103
23	3	LDR-Unbiased	15.898	15.947	0.049
25	3	LDR-Unbiased	16.08	15.95	-0.13
26	3	LDR-Unbiased	16.148	16.035	-0.113
27	3	LDR-Unbiased	15.858	16.013	0.155
46	10	LDR-Biased	16.058	15.57	-0.488
48	10	LDR-Biased	15.833	15.44	-0.393
49	10	LDR-Biased	16.019	15.515	-0.504
50	10	LDR-Biased	15.897	15.457	-0.44
51	10	LDR-Biased	16.151	15.72	-0.431
52	10	LDR-Unbiased	15.919	15.963	0.044
53	10	LDR-Unbiased	15.898	15.887	-0.011
55	10	LDR-Unbiased	16.08	15.884	-0.196
56	10	LDR-Unbiased	16.148	15.956	-0.192
57	10	LDR-Unbiased	15.858	15.927	0.069
76	30	LDR-Biased	16.058	15.619	-0.439
78	30	LDR-Biased	15.833	15.05	-0.783
79	30	LDR-Biased	16.019	15.558	-0.461
80	30	LDR-Biased	15.897	15.519	-0.378
81	30	LDR-Biased	16.151	15.693	-0.458
82	30	LDR-Unbiased	15.919	15.835	-0.084
83	30	LDR-Unbiased	15.898	15.759	-0.139
84	30	LDR-Unbiased	15.858	15.773	-0.085
85	30	LDR-Unbiased	16.08	15.741	-0.339
86	30	LDR-Unbiased	16.148	15.801	-0.347
87	100	LDR-Biased	16.156	15.585	-0.571
88	100	LDR-Biased	16.141	15.901	-0.24
90	100	LDR-Biased	15.865	15.896	0.031
91	100	LDR-Unbiased	15.911	15.486	-0.425
93	100	LDR-Unbiased	16.161	15.562	-0.599
94	100	LDR-Unbiased	16.084	15.475	-0.609
95	100	LDR-Unbiased	15.903	15.607	-0.296
96	100	LDR-Unbiased	15.856	15.524	-0.332
106	50	LDR-Biased	16.058	15.374	-0.684
108	50	LDR-Biased	15.833	15.256	-0.577
109	50	LDR-Biased	16.019	15.371	-0.648
110	50	LDR-Biased	15.897	14.966	-0.931
111	50	LDR-Biased	16.151	15.582	-0.569
112	50	LDR-Unbiased	15.919	15.685	-0.234
113	50	LDR-Unbiased	15.898	15.619	-0.279
115	50	LDR-Unbiased	16.08	15.623	-0.457
116	50	LDR-Unbiased	16.148	15.689	-0.459
117	50	LDR-Unbiased	15.858	15.67	-0.188

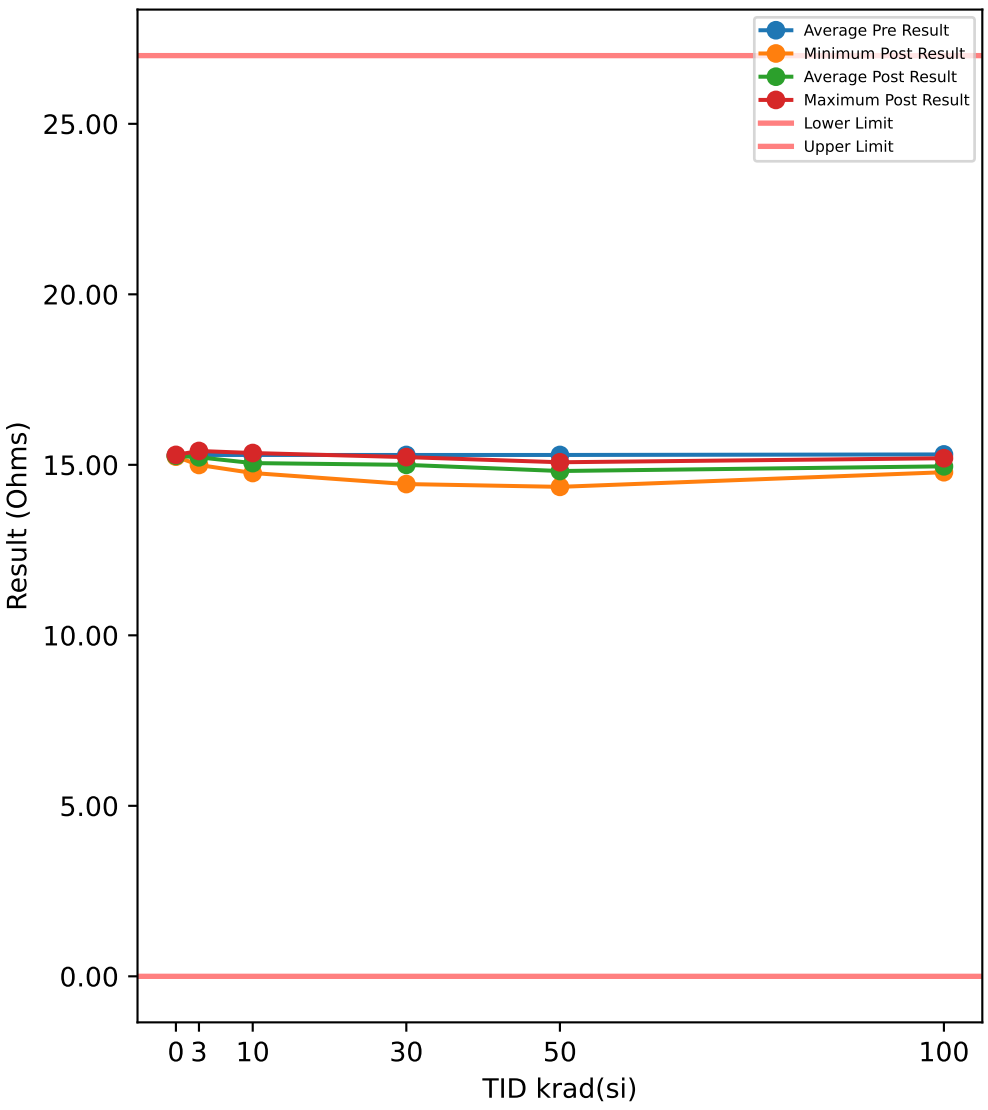


Test Statistics (Ohms)

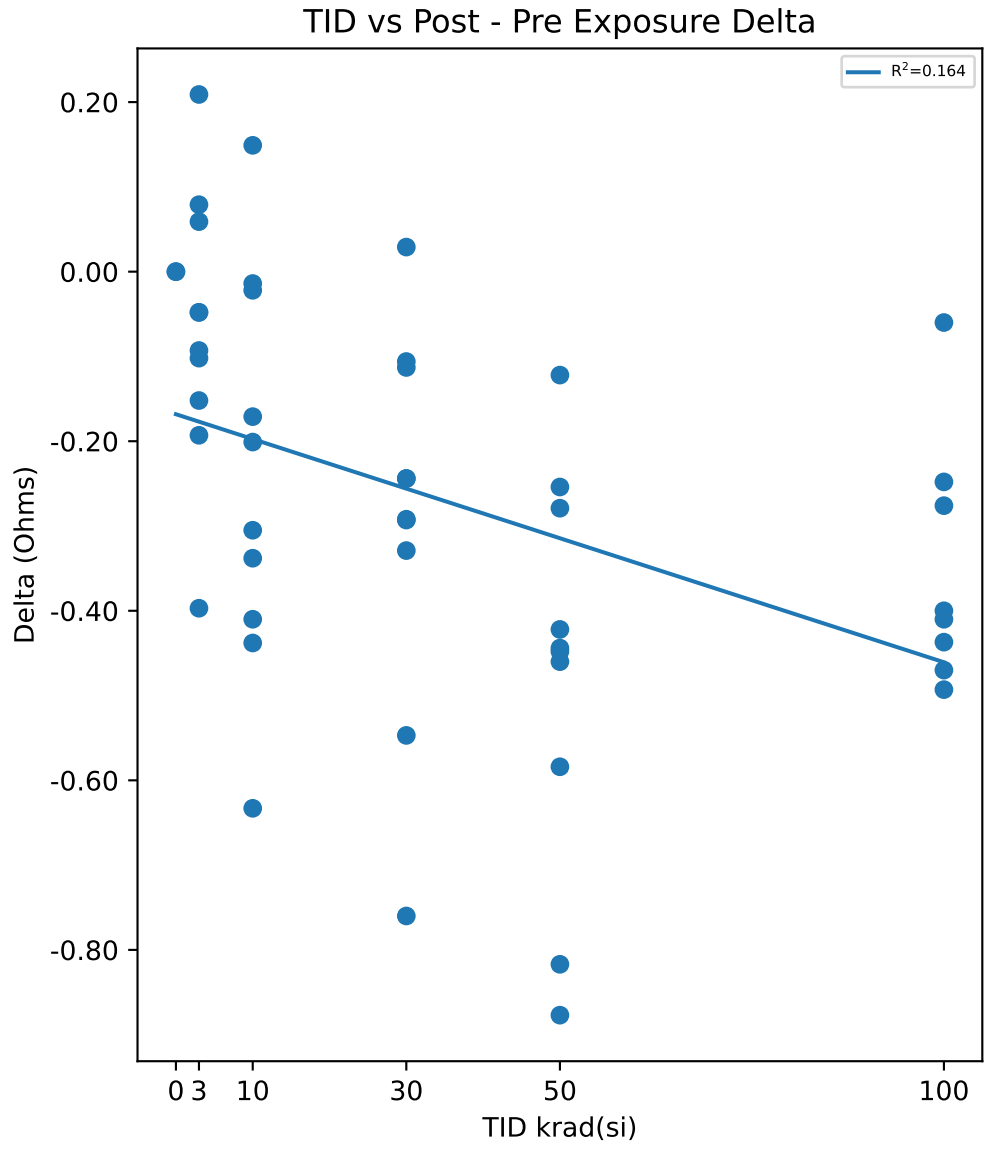
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.945	16.007	16.068	0.086974	15.945	16.007	16.068	0.086974	0	0	0	0
3	15.833	15.986	16.151	0.1195	15.705	15.895	16.035	0.1319	-0.25	-0.0913	0.155	0.14348
10	15.833	15.986	16.151	0.1195	15.44	15.732	15.963	0.21681	-0.504	-0.2542	0.069	0.22654
30	15.833	15.986	16.151	0.1195	15.05	15.635	15.835	0.23056	-0.783	-0.3513	-0.084	0.21234
50	15.833	15.986	16.151	0.1195	14.966	15.484	15.689	0.2379	-0.931	-0.5026	-0.188	0.22916
100	15.856	16.01	16.161	0.13771	15.475	15.63	15.901	0.17212	-0.609	-0.38012	0.031	0.21935

Device Test: 18.43 Res_PD_EN2/EN2/7/14/0/0/2/@EN_RNMOS_LOW_V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



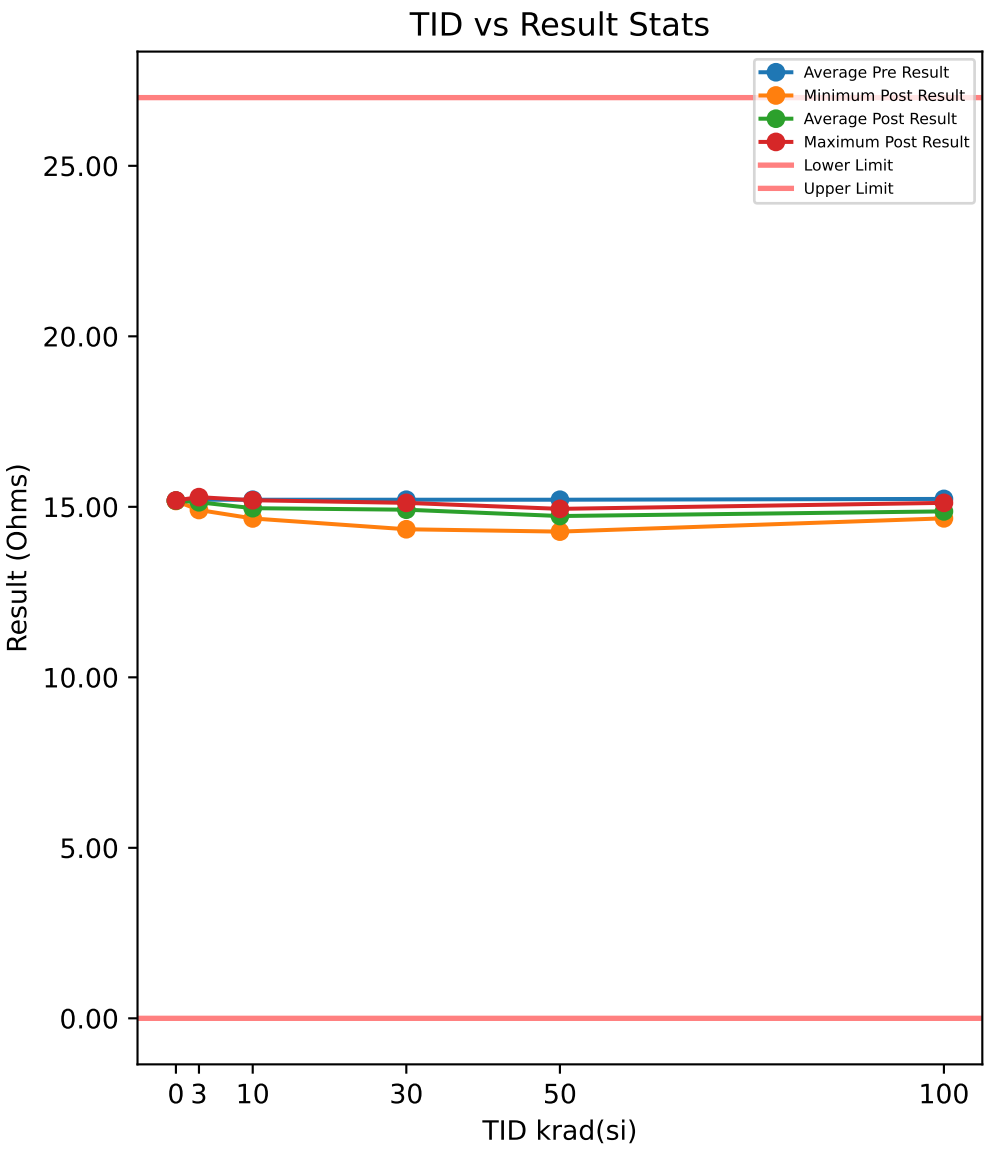
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.239	15.239	0
7	0	Correlation	15.291	15.291	0
16	3	LDR-Biased	15.393	14.996	-0.397
18	3	LDR-Biased	15.196	15.044	-0.152
19	3	LDR-Biased	15.326	15.278	-0.048
20	3	LDR-Biased	15.231	15.038	-0.193
21	3	LDR-Biased	15.367	15.319	-0.048
22	3	LDR-Unbiased	15.197	15.406	0.209
23	3	LDR-Unbiased	15.283	15.342	0.059
25	3	LDR-Unbiased	15.278	15.185	-0.093
26	3	LDR-Unbiased	15.4	15.298	-0.102
27	3	LDR-Unbiased	15.22	15.299	0.079
46	10	LDR-Biased	15.393	14.76	-0.633
48	10	LDR-Biased	15.196	14.786	-0.41
49	10	LDR-Biased	15.326	14.988	-0.338
50	10	LDR-Biased	15.231	14.793	-0.438
51	10	LDR-Biased	15.367	15.062	-0.305
52	10	LDR-Unbiased	15.197	15.346	0.149
53	10	LDR-Unbiased	15.283	15.261	-0.022
55	10	LDR-Unbiased	15.278	15.107	-0.171
56	10	LDR-Unbiased	15.4	15.199	-0.201
57	10	LDR-Unbiased	15.22	15.206	-0.014
76	30	LDR-Biased	15.393	14.846	-0.547
78	30	LDR-Biased	15.196	14.436	-0.76
79	30	LDR-Biased	15.326	15.082	-0.244
80	30	LDR-Biased	15.231	14.902	-0.329
81	30	LDR-Biased	15.367	15.074	-0.293
82	30	LDR-Unbiased	15.197	15.226	0.029
83	30	LDR-Unbiased	15.283	15.17	-0.113
84	30	LDR-Unbiased	15.22	15.114	-0.106
85	30	LDR-Unbiased	15.278	15.034	-0.244
86	30	LDR-Unbiased	15.4	15.108	-0.292
87	100	LDR-Biased	15.341	14.871	-0.47
88	100	LDR-Biased	15.441	15.193	-0.248
90	100	LDR-Biased	15.241	15.181	-0.06
91	100	LDR-Unbiased	15.183	14.783	-0.4
93	100	LDR-Unbiased	15.379	14.942	-0.437
94	100	LDR-Unbiased	15.417	14.924	-0.493
95	100	LDR-Unbiased	15.203	14.927	-0.276
96	100	LDR-Unbiased	15.233	14.823	-0.41
106	50	LDR-Biased	15.393	14.576	-0.817
108	50	LDR-Biased	15.196	14.612	-0.584
109	50	LDR-Biased	15.326	14.866	-0.46
110	50	LDR-Biased	15.231	14.354	-0.877
111	50	LDR-Biased	15.367	14.919	-0.448
112	50	LDR-Unbiased	15.197	15.075	-0.122
113	50	LDR-Unbiased	15.283	15.004	-0.279
115	50	LDR-Unbiased	15.278	14.856	-0.422
116	50	LDR-Unbiased	15.4	14.956	-0.444
117	50	LDR-Unbiased	15.22	14.966	-0.254

Test Statistics (Ohms)

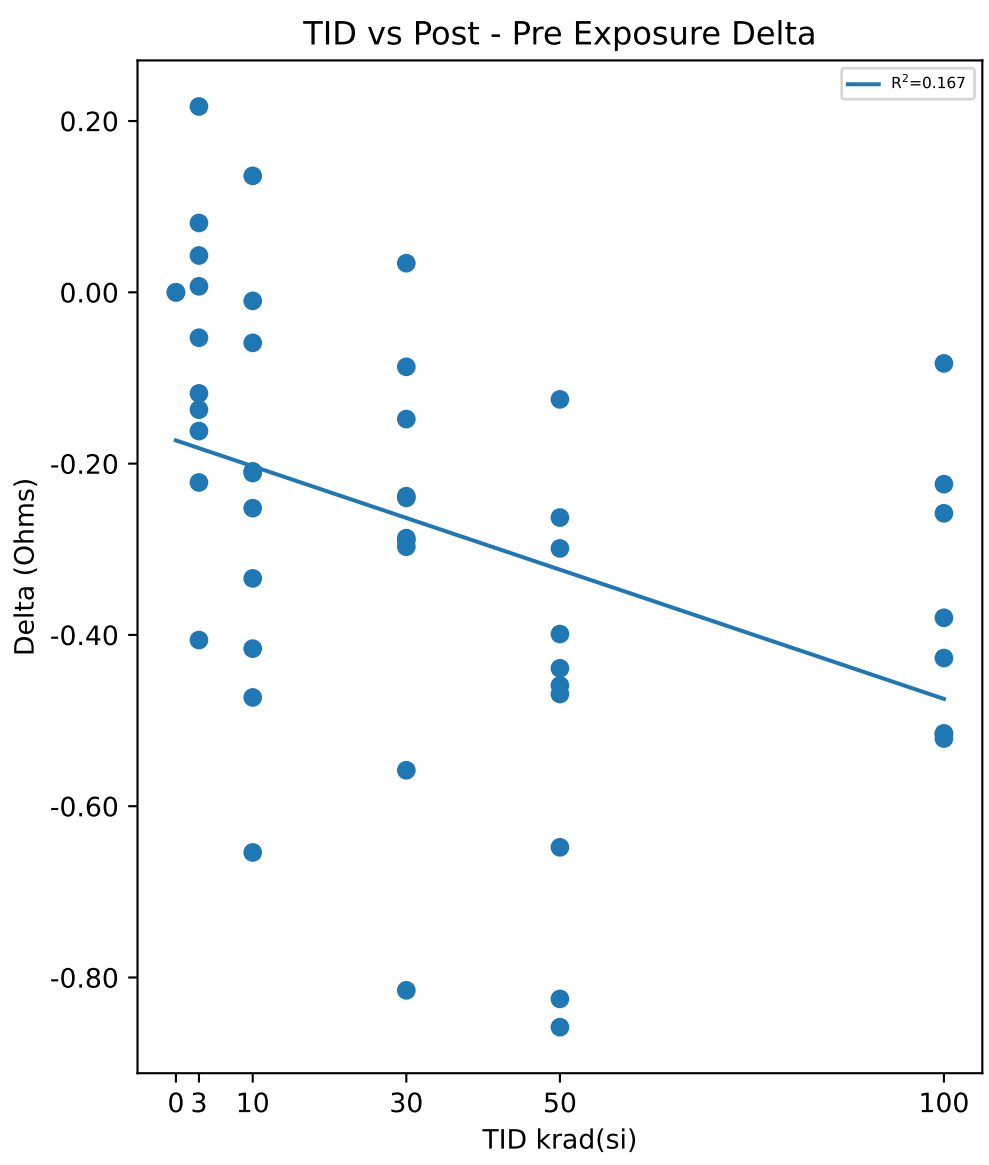
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.239	15.265	15.291	0.03677	15.239	15.265	15.291	0.03677	0	0	0	0
3	15.196	15.289	15.4	0.07887	14.996	15.221	15.406	0.14548	-0.397	-0.0686	0.209	0.16599
10	15.196	15.289	15.4	0.07887	14.76	15.051	15.346	0.21233	-0.633	-0.2383	0.149	0.23394
30	15.196	15.289	15.4	0.07887	14.436	14.999	15.226	0.22838	-0.76	-0.2899	0.029	0.22599
50	15.196	15.289	15.4	0.07887	14.354	14.818	15.075	0.22897	-0.877	-0.4707	-0.122	0.23731
100	15.183	15.305	15.441	0.10169	14.783	14.956	15.193	0.15292	-0.493	-0.34925	-0.06	0.14565

Device Test: 18.44 Res_PD_EN3/EN3/7/14/0/0/2/@EN_RNMOS_LOW_V



Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	15.172	15.172	0
7	0	Correlation	15.188	15.188	0
16	3	LDR-Biased	15.313	14.907	-0.406
18	3	LDR-Biased	15.157	14.935	-0.222
19	3	LDR-Biased	15.27	15.217	-0.053
20	3	LDR-Biased	15.131	14.969	-0.162
21	3	LDR-Biased	15.26	15.267	0.007
22	3	LDR-Unbiased	15.053	15.27	0.217
23	3	LDR-Unbiased	15.203	15.284	0.081
25	3	LDR-Unbiased	15.193	15.056	-0.137
26	3	LDR-Unbiased	15.32	15.202	-0.118
27	3	LDR-Unbiased	15.182	15.225	0.043
46	10	LDR-Biased	15.313	14.659	-0.654
48	10	LDR-Biased	15.157	14.684	-0.473
49	10	LDR-Biased	15.27	14.936	-0.334
50	10	LDR-Biased	15.131	14.715	-0.416
51	10	LDR-Biased	15.26	15.008	-0.252
52	10	LDR-Unbiased	15.053	15.189	0.136
53	10	LDR-Unbiased	15.203	15.193	-0.01
55	10	LDR-Unbiased	15.193	14.982	-0.211
56	10	LDR-Unbiased	15.32	15.111	-0.209
57	10	LDR-Unbiased	15.182	15.123	-0.059
76	30	LDR-Biased	15.313	14.755	-0.558
78	30	LDR-Biased	15.157	14.342	-0.815
79	30	LDR-Biased	15.27	15.032	-0.238
80	30	LDR-Biased	15.131	14.841	-0.29
81	30	LDR-Biased	15.26	15.02	-0.24
82	30	LDR-Unbiased	15.053	15.087	0.034
83	30	LDR-Unbiased	15.203	15.116	-0.087
84	30	LDR-Unbiased	15.182	15.034	-0.148
85	30	LDR-Unbiased	15.193	14.896	-0.297
86	30	LDR-Unbiased	15.32	15.033	-0.287
87	100	LDR-Biased	15.335	14.814	-0.521
88	100	LDR-Biased	15.374	15.116	-0.258
90	100	LDR-Biased	15.199	15.116	-0.083
91	100	LDR-Unbiased	15.048	14.668	-0.38
93	100	LDR-Unbiased	15.273	14.846	-0.427
94	100	LDR-Unbiased	15.339	14.824	-0.515
95	100	LDR-Unbiased	15.108	14.884	-0.224
96	100	LDR-Unbiased	15.178	14.662	-0.516
106	50	LDR-Biased	15.313	14.488	-0.825
108	50	LDR-Biased	15.157	14.509	-0.648
109	50	LDR-Biased	15.27	14.801	-0.469
110	50	LDR-Biased	15.131	14.273	-0.858
111	50	LDR-Biased	15.26	14.861	-0.399
112	50	LDR-Unbiased	15.053	14.928	-0.125
113	50	LDR-Unbiased	15.203	14.94	-0.263
115	50	LDR-Unbiased	15.193	14.734	-0.459
116	50	LDR-Unbiased	15.32	14.881	-0.439
117	50	LDR-Unbiased	15.182	14.883	-0.299

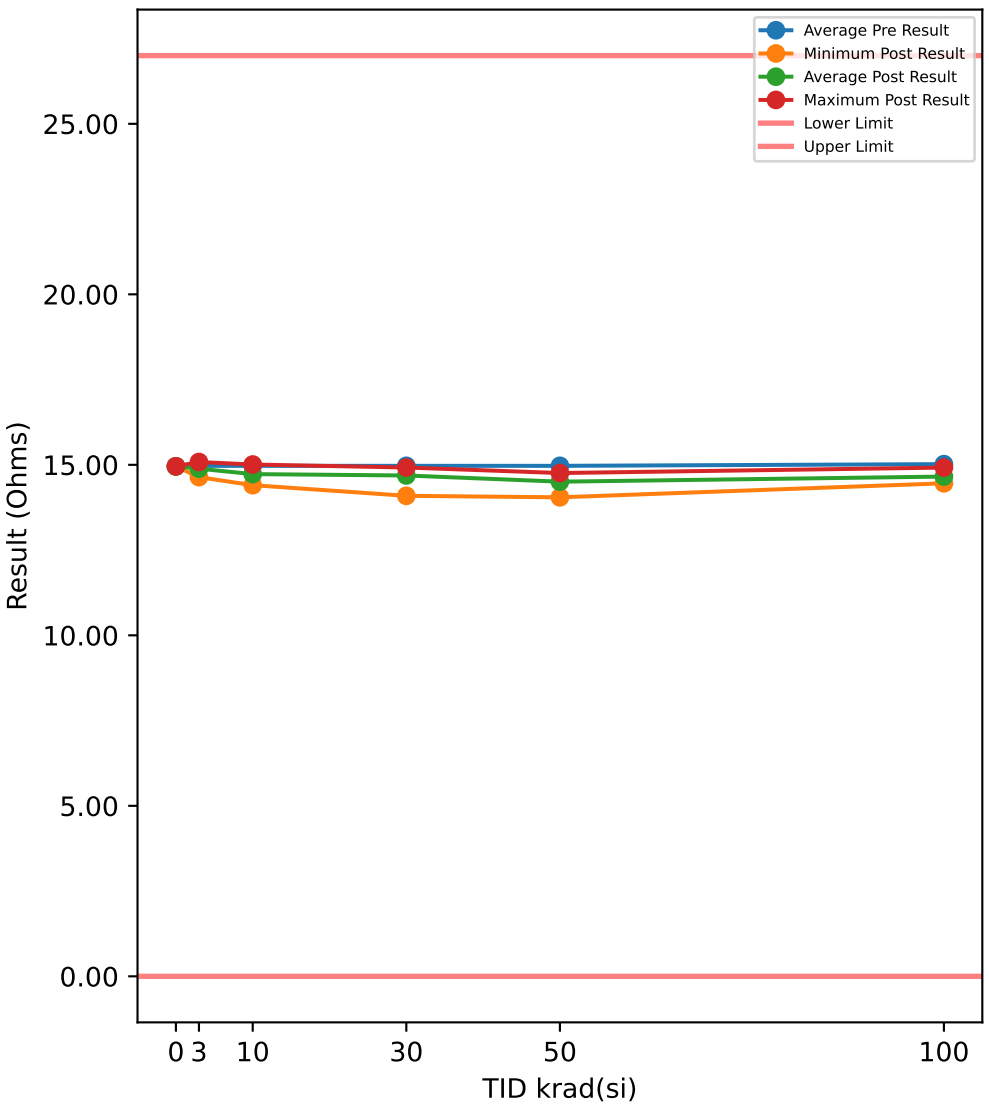


Test Statistics (Ohms)

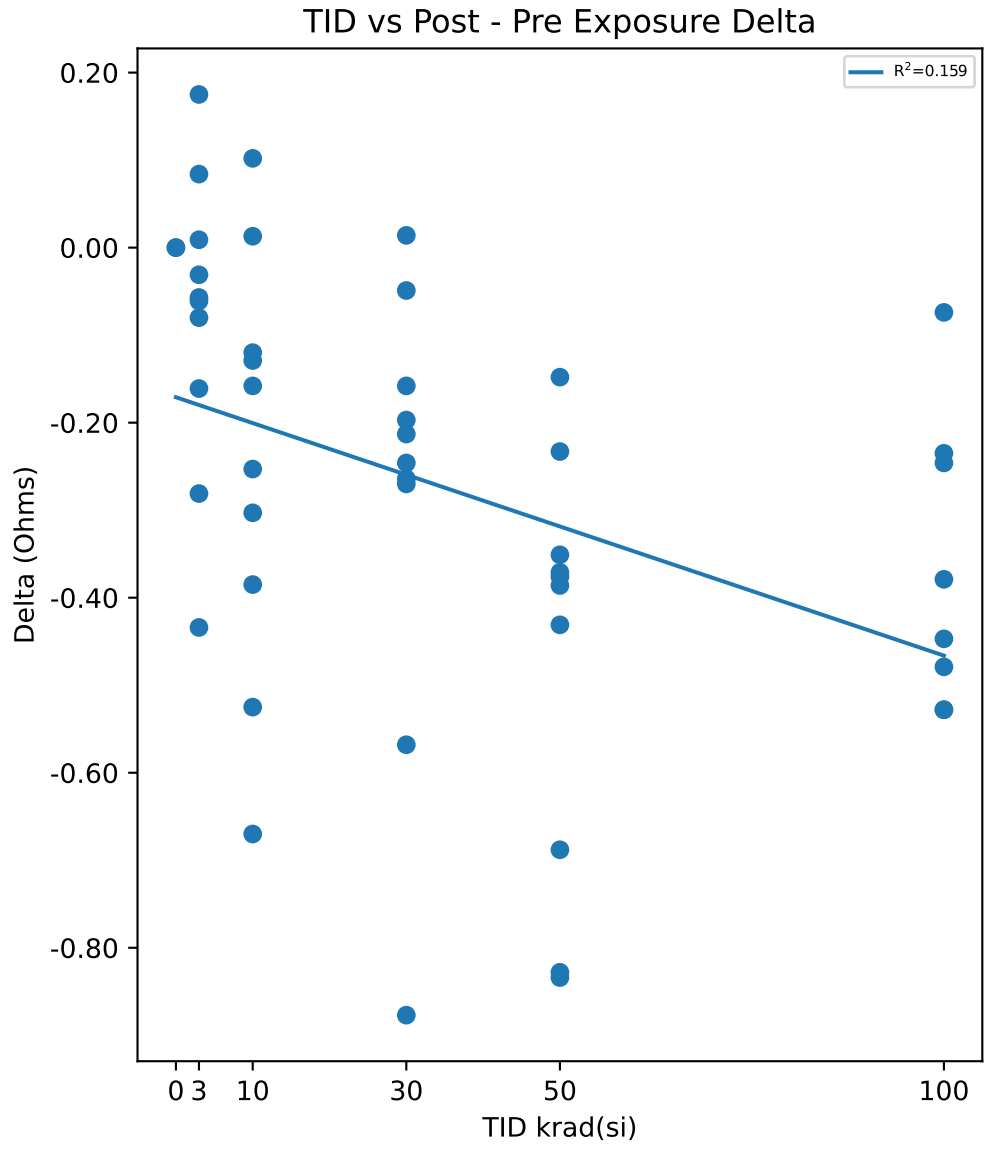
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	15.172	15.18	15.188	0.011314	15.172	15.18	15.188	0.011314	0	0	0	0
3	15.053	15.208	15.32	0.084062	14.907	15.133	15.284	0.15015	-0.406	-0.075	0.217	0.17485
10	15.053	15.208	15.32	0.084062	14.659	14.96	15.193	0.20717	-0.654	-0.2482	0.136	0.23424
30	15.053	15.208	15.32	0.084062	14.342	14.916	15.116	0.23155	-0.815	-0.2926	0.034	0.24014
50	15.053	15.208	15.32	0.084062	14.273	14.73	14.94	0.22803	-0.858	-0.4784	-0.125	0.23683
100	15.048	15.232	15.374	0.1178	14.662	14.866	15.116	0.17362	-0.521	-0.3655	-0.083	0.16237

Device Test: 18.45 Res_PD_EN4/EN4/7/14/0/0/2/@EN_RNMOS_LOW_V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



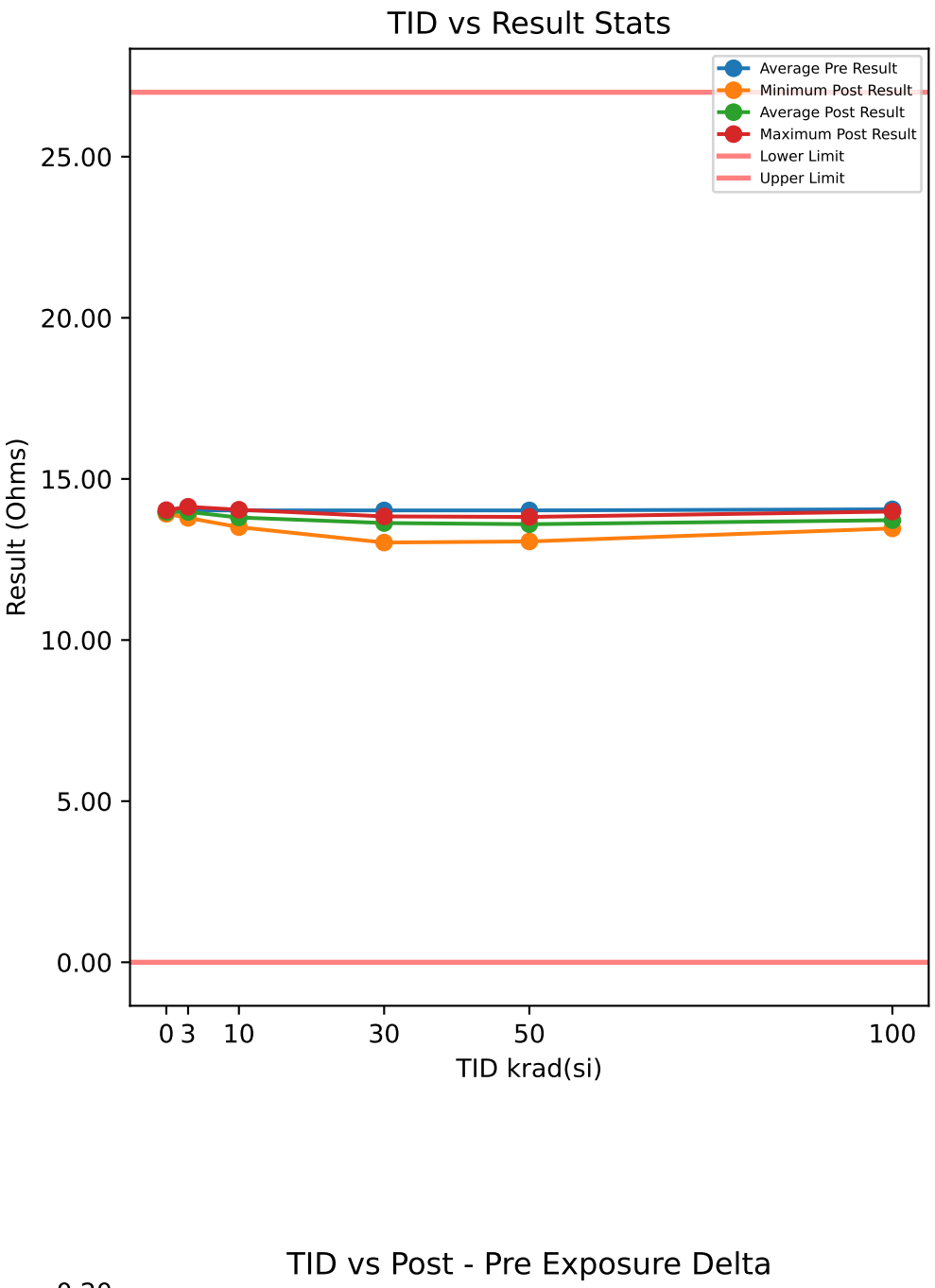
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

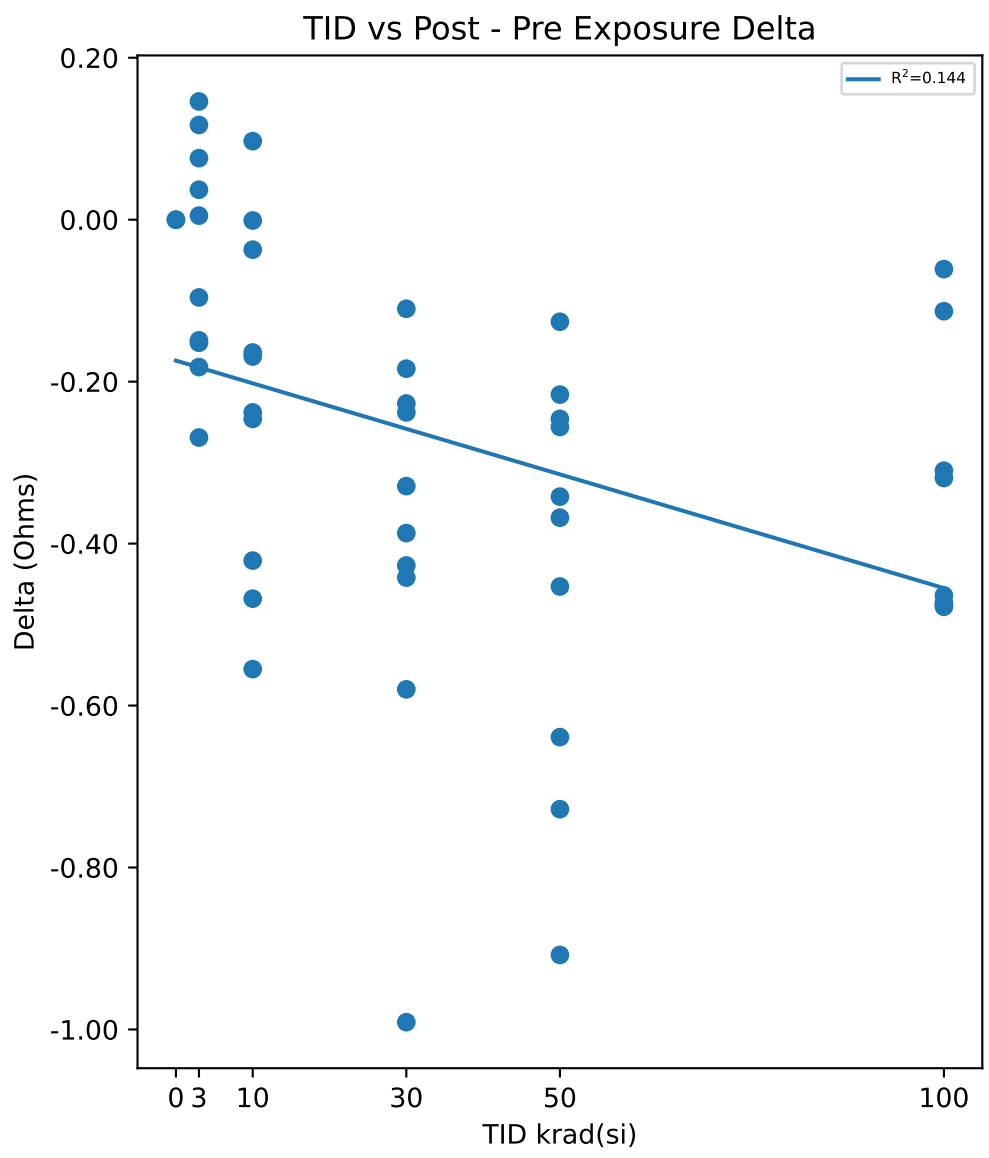
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.957	14.957	0
7	0	Correlation	14.954	14.954	0
16	3	LDR-Biased	15.073	14.639	-0.434
18	3	LDR-Biased	14.968	14.687	-0.281
19	3	LDR-Biased	14.966	14.975	0.009
20	3	LDR-Biased	14.875	14.714	-0.161
21	3	LDR-Biased	15.051	14.994	-0.057
22	3	LDR-Unbiased	14.907	15.082	0.175
23	3	LDR-Unbiased	14.925	15.009	0.084
25	3	LDR-Unbiased	14.905	14.844	-0.061
26	3	LDR-Unbiased	15.052	14.972	-0.08
27	3	LDR-Unbiased	14.981	14.95	-0.031
46	10	LDR-Biased	15.073	14.403	-0.67
48	10	LDR-Biased	14.968	14.443	-0.525
49	10	LDR-Biased	14.966	14.713	-0.253
50	10	LDR-Biased	14.875	14.49	-0.385
51	10	LDR-Biased	15.051	14.748	-0.303
52	10	LDR-Unbiased	14.907	15.009	0.102
53	10	LDR-Unbiased	14.925	14.938	0.013
55	10	LDR-Unbiased	14.905	14.776	-0.129
56	10	LDR-Unbiased	15.052	14.894	-0.158
57	10	LDR-Unbiased	14.981	14.861	-0.12
76	30	LDR-Biased	15.073	14.505	-0.568
78	30	LDR-Biased	14.968	14.091	-0.877
79	30	LDR-Biased	14.966	14.808	-0.158
80	30	LDR-Biased	14.875	14.611	-0.264
81	30	LDR-Biased	15.051	14.781	-0.27
82	30	LDR-Unbiased	14.907	14.921	0.014
83	30	LDR-Unbiased	14.925	14.876	-0.049
84	30	LDR-Unbiased	14.981	14.768	-0.213
85	30	LDR-Unbiased	14.905	14.708	-0.197
86	30	LDR-Unbiased	15.052	14.806	-0.246
87	100	LDR-Biased	15.099	14.62	-0.479
88	100	LDR-Biased	15.145	14.91	-0.235
90	100	LDR-Biased	14.993	14.919	-0.074
91	100	LDR-Unbiased	14.881	14.502	-0.379
93	100	LDR-Unbiased	15.062	14.615	-0.447
94	100	LDR-Unbiased	15.113	14.585	-0.528
95	100	LDR-Unbiased	14.88	14.634	-0.246
96	100	LDR-Unbiased	14.986	14.458	-0.528
106	50	LDR-Biased	15.073	14.239	-0.834
108	50	LDR-Biased	14.968	14.28	-0.688
109	50	LDR-Biased	14.966	14.58	-0.386
110	50	LDR-Biased	14.875	14.047	-0.828
111	50	LDR-Biased	15.051	14.62	-0.431
112	50	LDR-Unbiased	14.907	14.759	-0.148
113	50	LDR-Unbiased	14.925	14.692	-0.233
115	50	LDR-Unbiased	14.905	14.534	-0.371
116	50	LDR-Unbiased	15.052	14.676	-0.376
117	50	LDR-Unbiased	14.981	14.63	-0.351

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.954	14.956	14.957	0.0021213	14.954	14.956	14.957	0.0021213	0	0	0	0
3	14.875	14.97	15.073	0.069345	14.639	14.887	15.082	0.15513	-0.434	-0.0837	0.175	0.17489
10	14.875	14.97	15.073	0.069345	14.403	14.728	15.009	0.21466	-0.67	-0.2428	0.102	0.23702
30	14.875	14.97	15.073	0.069345	14.091	14.688	14.921	0.24249	-0.877	-0.2828	0.014	0.25967
50	14.875	14.97	15.073	0.069345	14.047	14.506	14.759	0.23456	-0.834	-0.4646	-0.148	0.23784
100	14.88	15.02	15.145	0.10218	14.458	14.655	14.919	0.17117	-0.528	-0.3645	-0.074	0.16423

Device Test: 18.46 Res_PD_PWRDG/PWRGD/7/14/0/0/2/@PWRGD_RNMOS_LOW_V





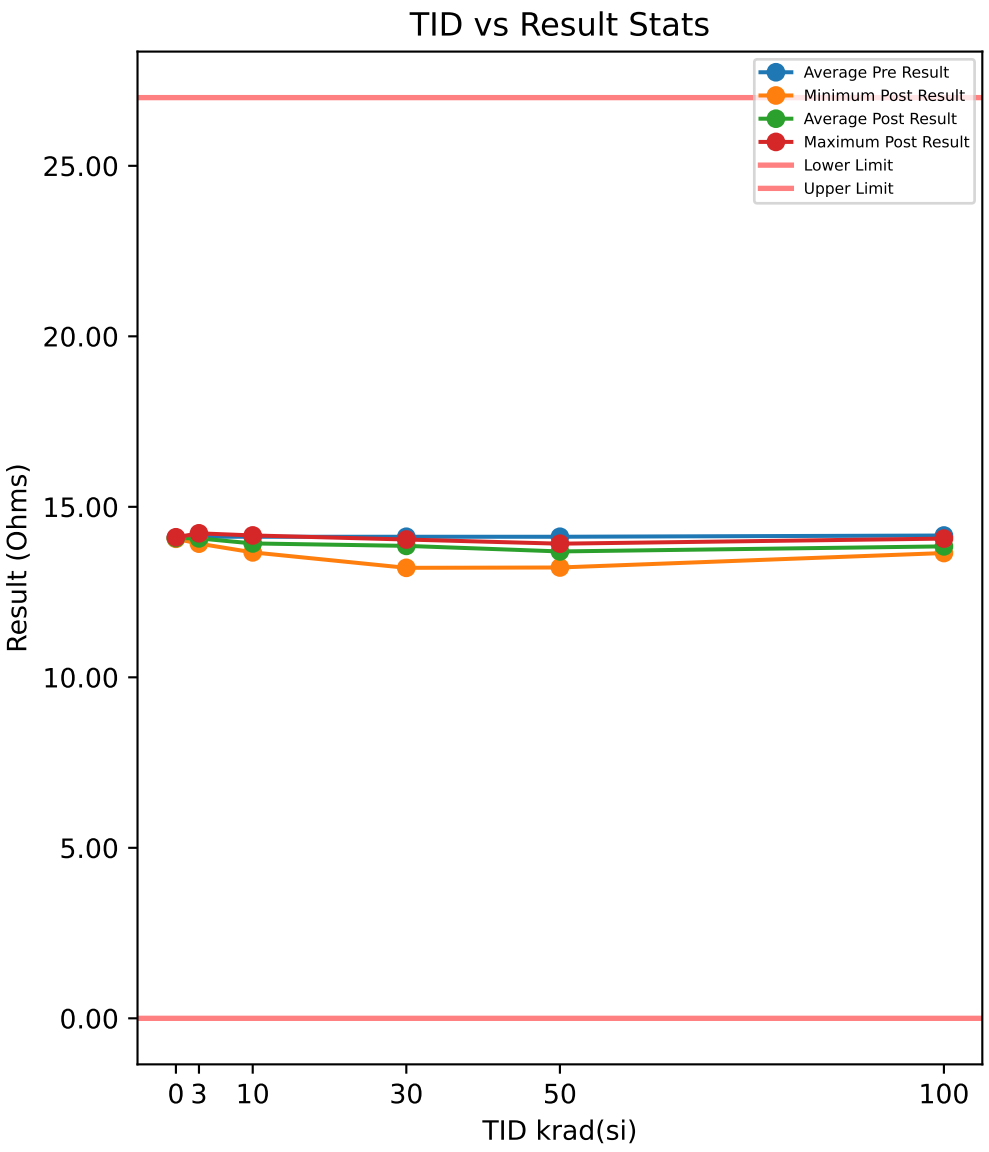
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

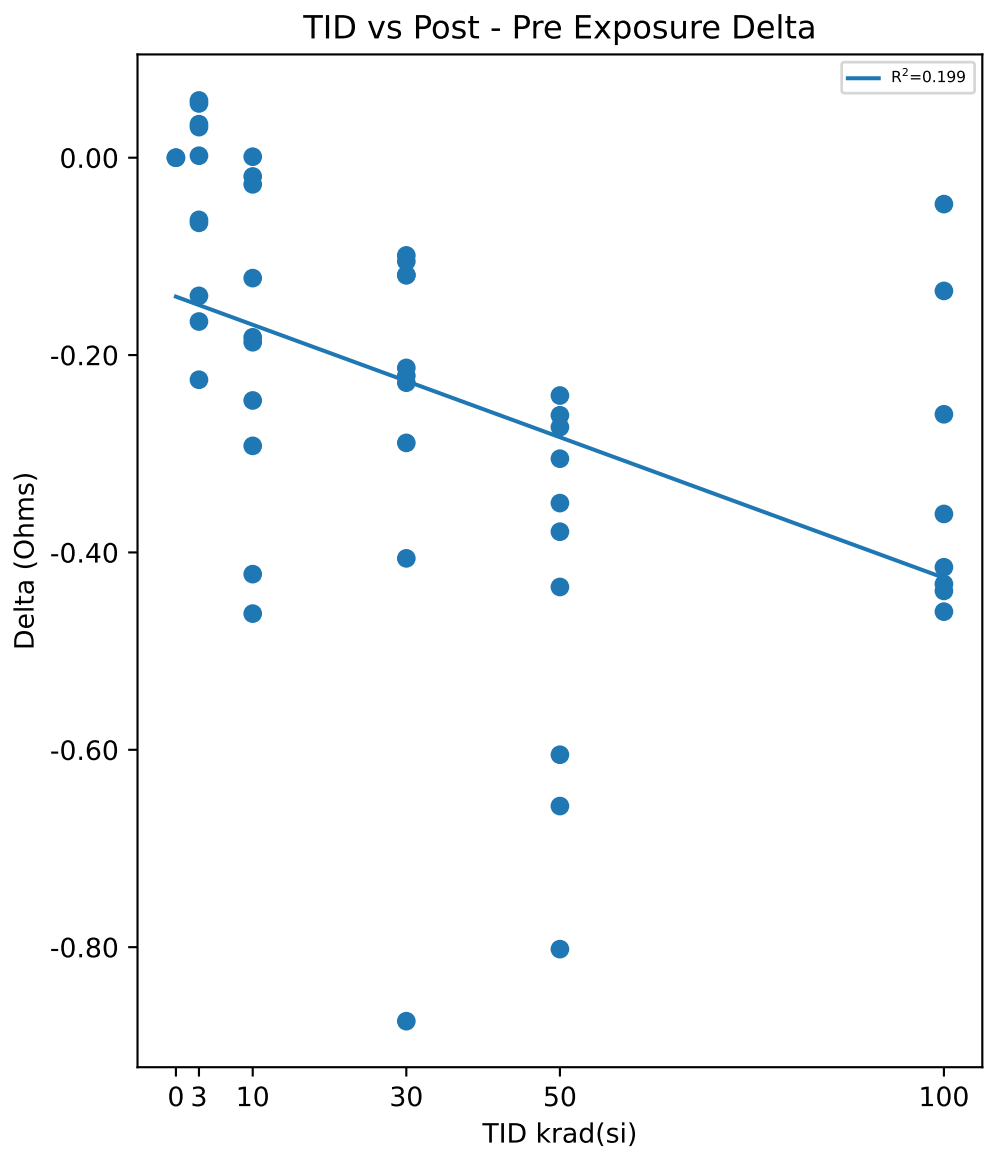
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.031	14.031	0
7	0	Correlation	13.917	13.917	0
16	3	LDR-Biased	14.059	13.79	-0.269
18	3	LDR-Biased	14.017	13.835	-0.182
19	3	LDR-Biased	13.956	14.073	0.117
20	3	LDR-Biased	13.968	13.816	-0.152
21	3	LDR-Biased	14.131	14.136	0.005
22	3	LDR-Unbiased	13.947	14.093	0.146
23	3	LDR-Unbiased	14.01	14.047	0.037
25	3	LDR-Unbiased	14.008	13.859	-0.149
26	3	LDR-Unbiased	14.128	14.032	-0.096
27	3	LDR-Unbiased	14.006	14.082	0.076
46	10	LDR-Biased	14.059	13.504	-0.555
48	10	LDR-Biased	14.017	13.549	-0.468
49	10	LDR-Biased	13.956	13.787	-0.169
50	10	LDR-Biased	13.968	13.547	-0.421
51	10	LDR-Biased	14.131	13.885	-0.246
52	10	LDR-Unbiased	13.947	14.044	0.097
53	10	LDR-Unbiased	14.01	13.973	-0.037
55	10	LDR-Unbiased	14.008	13.77	-0.238
56	10	LDR-Unbiased	14.128	13.964	-0.164
57	10	LDR-Unbiased	14.006	14.005	-0.001
76	30	LDR-Biased	14.059	13.479	-0.58
78	30	LDR-Biased	14.017	13.026	-0.991
79	30	LDR-Biased	13.956	13.772	-0.184
80	30	LDR-Biased	13.968	13.541	-0.427
81	30	LDR-Biased	14.131	13.802	-0.329
82	30	LDR-Unbiased	13.947	13.837	-0.11
83	30	LDR-Unbiased	14.01	13.772	-0.238
84	30	LDR-Unbiased	14.006	13.779	-0.227
85	30	LDR-Unbiased	14.008	13.566	-0.442
86	30	LDR-Unbiased	14.128	13.741	-0.387
87	100	LDR-Biased	14.176	13.7	-0.476
88	100	LDR-Biased	14.096	13.983	-0.113
90	100	LDR-Biased	14.049	13.988	-0.061
91	100	LDR-Unbiased	13.937	13.464	-0.473
93	100	LDR-Unbiased	14.14	13.662	-0.478
94	100	LDR-Unbiased	14.061	13.751	-0.31
95	100	LDR-Unbiased	13.986	13.667	-0.319
96	100	LDR-Unbiased	14.009	13.545	-0.464
106	50	LDR-Biased	14.059	13.331	-0.728
108	50	LDR-Biased	14.017	13.378	-0.639
109	50	LDR-Biased	13.956	13.71	-0.246
110	50	LDR-Biased	13.968	13.06	-0.908
111	50	LDR-Biased	14.131	13.789	-0.342
112	50	LDR-Unbiased	13.947	13.821	-0.126
113	50	LDR-Unbiased	14.01	13.754	-0.256
115	50	LDR-Unbiased	14.008	13.555	-0.453
116	50	LDR-Unbiased	14.128	13.76	-0.368
117	50	LDR-Unbiased	14.006	13.79	-0.216

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.917	13.974	14.031	0.08061	13.917	13.974	14.031	0.08061	0	0	0	0
3	13.947	14.023	14.131	0.064973	13.79	13.976	14.136	0.13411	-0.269	-0.0467	0.146	0.14157
10	13.947	14.023	14.131	0.064973	13.504	13.803	14.044	0.20581	-0.555	-0.2202	0.097	0.21156
30	13.947	14.023	14.131	0.064973	13.026	13.631	13.837	0.24651	-0.991	-0.3915	-0.11	0.25289
50	13.947	14.023	14.131	0.064973	13.06	13.595	13.821	0.25757	-0.908	-0.4282	-0.126	0.25285
100	13.937	14.057	14.176	0.079638	13.464	13.72	13.988	0.18696	-0.478	-0.33675	-0.061	0.16955

Device Test: 18.47 Res_PD_SEQ/SEQ_DONE/7/14/0/0/2/@SEQDONE_RNMOS_LOW_V





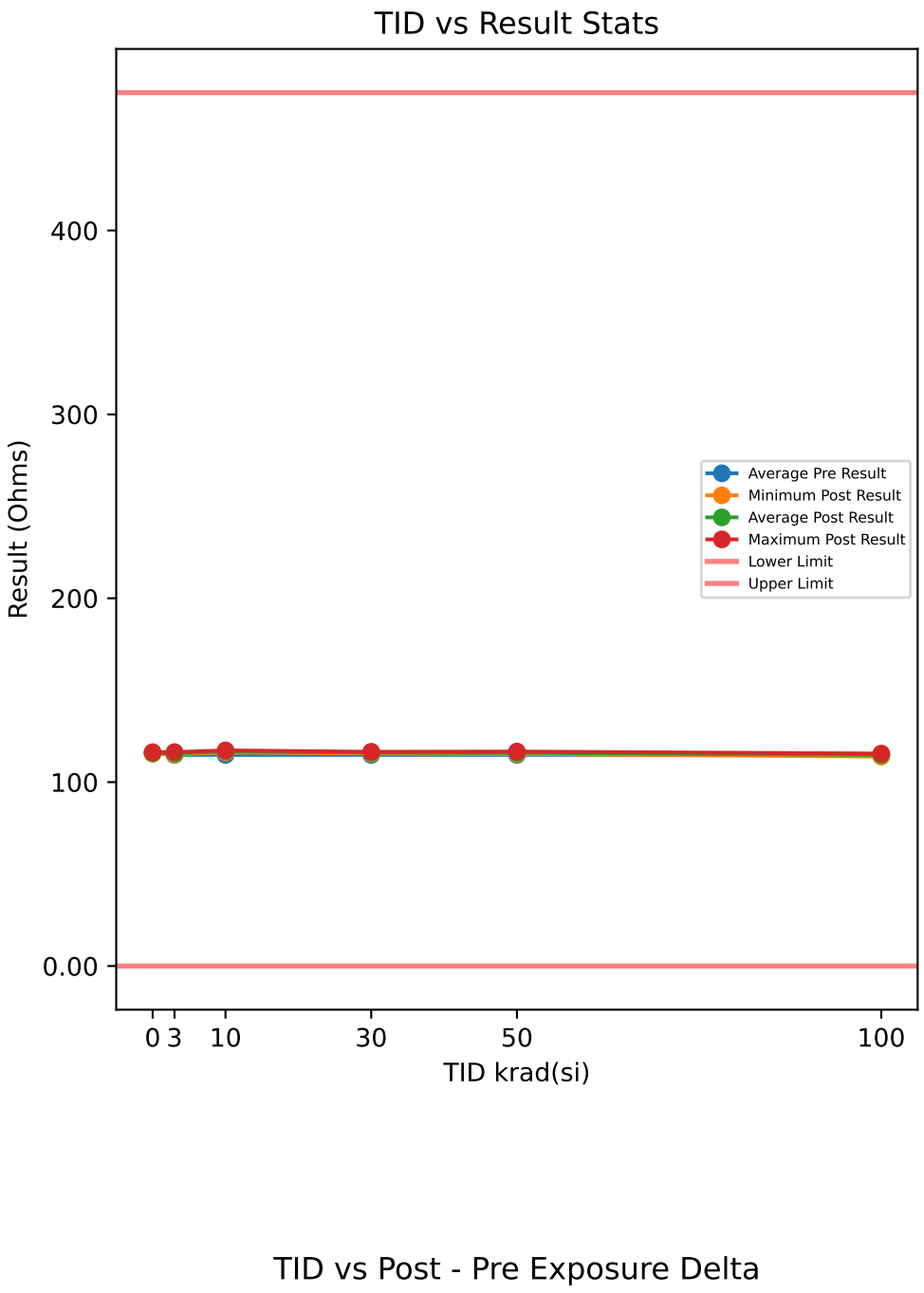
Test Results (Lower Limit = 0.0, Upper Limit = 27.0 (Ohms))

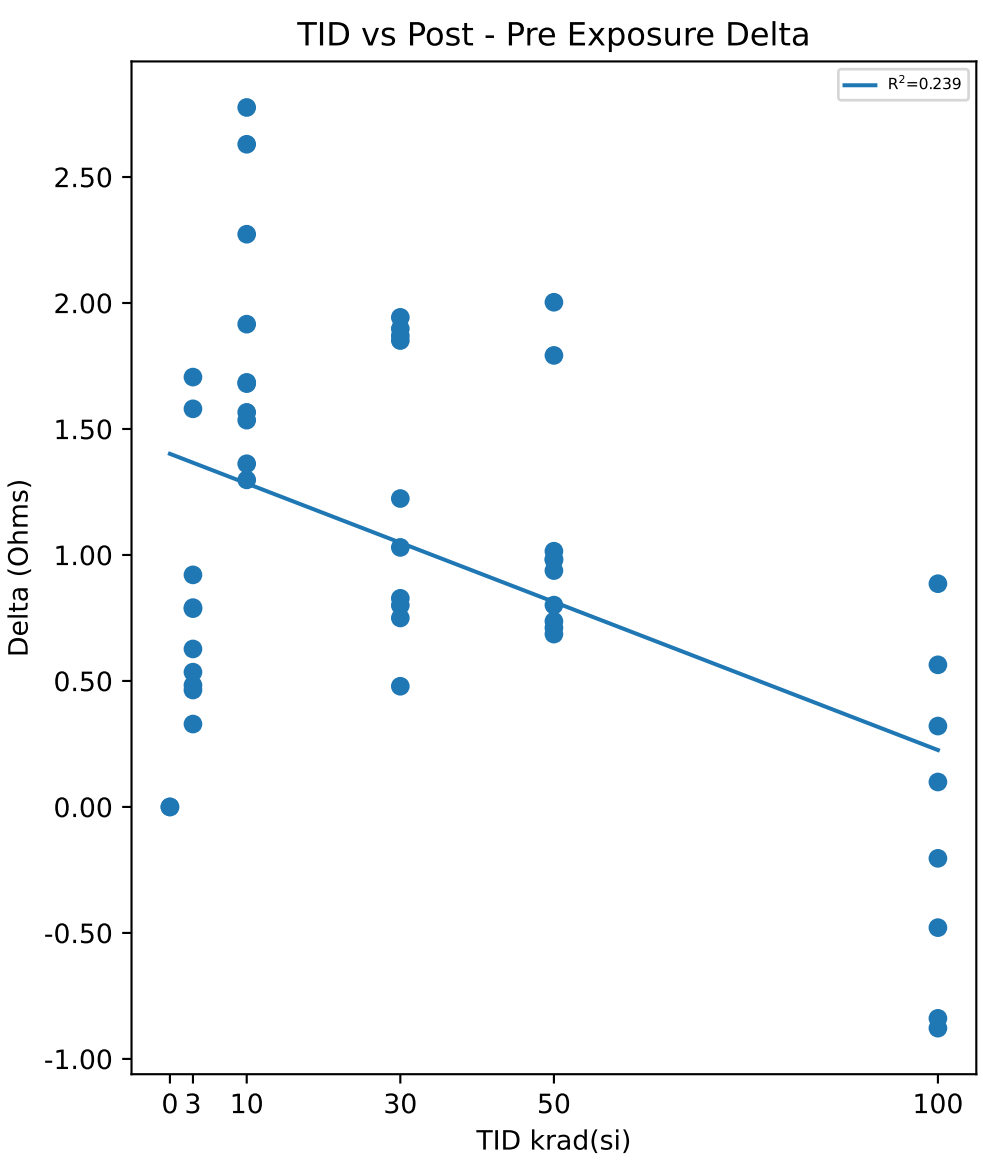
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	14.107	14.107	0
7	0	Correlation	14.062	14.062	0
16	3	LDR-Biased	14.149	13.924	-0.225
18	3	LDR-Biased	14.086	13.92	-0.166
19	3	LDR-Biased	14.117	14.172	0.055
20	3	LDR-Biased	14.023	13.957	-0.066
21	3	LDR-Biased	14.221	14.223	0.002
22	3	LDR-Unbiased	14.091	14.122	0.031
23	3	LDR-Unbiased	14.093	14.127	0.034
25	3	LDR-Unbiased	14.11	13.97	-0.14
26	3	LDR-Unbiased	14.172	14.109	-0.063
27	3	LDR-Unbiased	14.16	14.218	0.058
46	10	LDR-Biased	14.149	13.687	-0.462
48	10	LDR-Biased	14.086	13.664	-0.422
49	10	LDR-Biased	14.117	13.93	-0.187
50	10	LDR-Biased	14.023	13.731	-0.292
51	10	LDR-Biased	14.221	13.975	-0.246
52	10	LDR-Unbiased	14.091	14.072	-0.019
53	10	LDR-Unbiased	14.093	14.066	-0.027
55	10	LDR-Unbiased	14.11	13.928	-0.182
56	10	LDR-Unbiased	14.172	14.05	-0.122
57	10	LDR-Unbiased	14.16	14.161	0.001
76	30	LDR-Biased	14.149	13.743	-0.406
78	30	LDR-Biased	14.086	13.211	-0.875
79	30	LDR-Biased	14.117	14.018	-0.099
80	30	LDR-Biased	14.023	13.81	-0.213
81	30	LDR-Biased	14.221	13.993	-0.228
82	30	LDR-Unbiased	14.091	13.972	-0.119
83	30	LDR-Unbiased	14.093	13.988	-0.105
84	30	LDR-Unbiased	14.16	14.041	-0.119
85	30	LDR-Unbiased	14.11	13.821	-0.289
86	30	LDR-Unbiased	14.172	13.951	-0.221
87	100	LDR-Biased	14.204	13.789	-0.415
88	100	LDR-Biased	14.203	14.068	-0.135
90	100	LDR-Biased	14.11	14.063	-0.047
91	100	LDR-Unbiased	14.084	13.645	-0.439
93	100	LDR-Unbiased	14.224	13.764	-0.46
94	100	LDR-Unbiased	14.165	13.905	-0.26
95	100	LDR-Unbiased	14.128	13.767	-0.361
96	100	LDR-Unbiased	14.152	13.72	-0.432
106	50	LDR-Biased	14.149	13.492	-0.657
108	50	LDR-Biased	14.086	13.481	-0.605
109	50	LDR-Biased	14.117	13.812	-0.305
110	50	LDR-Biased	14.023	13.221	-0.802
111	50	LDR-Biased	14.221	13.842	-0.379
112	50	LDR-Unbiased	14.091	13.83	-0.261
113	50	LDR-Unbiased	14.093	13.82	-0.273
115	50	LDR-Unbiased	14.11	13.675	-0.435
116	50	LDR-Unbiased	14.172	13.822	-0.35
117	50	LDR-Unbiased	14.16	13.919	-0.241

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	14.062	14.084	14.107	0.03182	14.062	14.084	14.107	0.03182	0	0	0	0
3	14.023	14.122	14.221	0.055319	13.92	14.074	14.223	0.12	-0.225	-0.048	0.058	0.10087
10	14.023	14.122	14.221	0.055319	13.664	13.926	14.161	0.17567	-0.462	-0.1958	0.001	0.16262
30	14.023	14.122	14.221	0.055319	13.211	13.855	14.041	0.24749	-0.875	-0.2674	-0.099	0.23435
50	14.023	14.122	14.221	0.055319	13.221	13.691	13.919	0.22296	-0.802	-0.4308	-0.241	0.19268
100	14.084	14.159	14.224	0.049652	13.645	13.84	14.068	0.15678	-0.46	-0.31862	-0.047	0.15554

Device Test: 18.48 Res_PD_SRFAULT/SR_FAULTb/3.3/3/0/0/0.001/@SR_FAULT_RPD





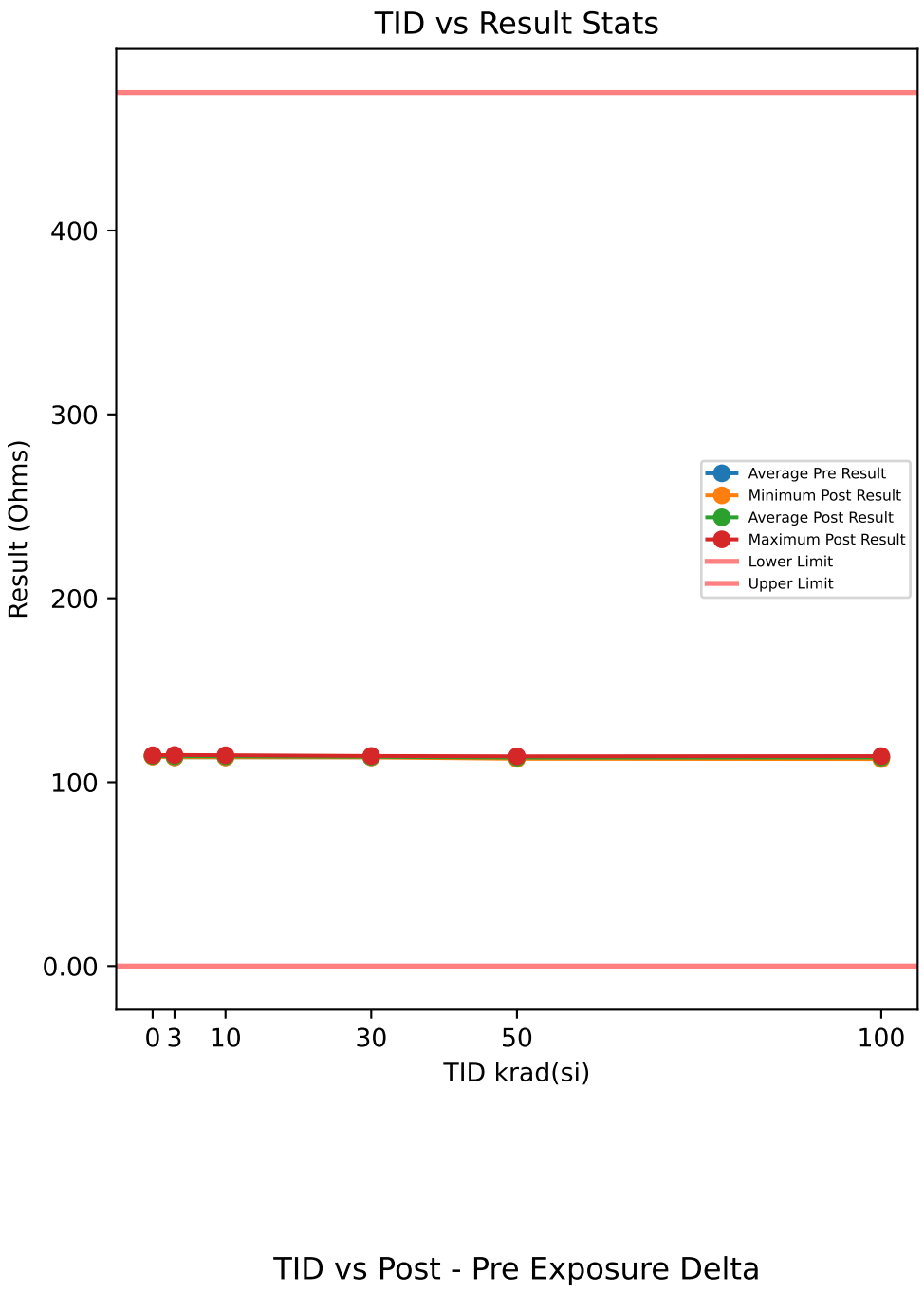
Test Results (Lower Limit = 0.0, Upper Limit = 475.0 (Ohms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	115.41	115.41	0
7	0	Correlation	116.29	116.29	0
16	3	LDR-Biased	114.3	115.22	0.921
18	3	LDR-Biased	114.44	115.23	0.791
19	3	LDR-Biased	114.56	115.02	0.464
20	3	LDR-Biased	115.28	115.81	0.535
21	3	LDR-Biased	114.14	115.72	1.58
22	3	LDR-Unbiased	115.4	116.03	0.627
23	3	LDR-Unbiased	115.07	115.55	0.483
25	3	LDR-Unbiased	114.63	116.34	1.706
26	3	LDR-Unbiased	115.12	115.45	0.329
27	3	LDR-Unbiased	115.21	116	0.787
46	10	LDR-Biased	114.3	116.57	2.273
48	10	LDR-Biased	114.44	116.35	1.916
49	10	LDR-Biased	114.56	116.09	1.535
50	10	LDR-Biased	115.28	116.84	1.566
51	10	LDR-Biased	114.14	116.92	2.776
52	10	LDR-Unbiased	115.4	117.09	1.685
53	10	LDR-Unbiased	115.07	116.43	1.362
55	10	LDR-Unbiased	114.63	117.26	2.63
56	10	LDR-Unbiased	115.12	116.42	1.298
57	10	LDR-Unbiased	115.21	116.89	1.68
76	30	LDR-Biased	114.3	116.24	1.943
78	30	LDR-Biased	114.44	116.29	1.851
79	30	LDR-Biased	114.56	115.78	1.224
80	30	LDR-Biased	115.28	116.31	1.03
81	30	LDR-Biased	114.14	116.04	1.898
82	30	LDR-Unbiased	115.4	116.23	0.828
83	30	LDR-Unbiased	115.07	115.82	0.75
84	30	LDR-Unbiased	115.21	116.01	0.8
85	30	LDR-Unbiased	114.63	116.5	1.87
86	30	LDR-Unbiased	115.12	115.6	0.479
87	100	LDR-Biased	114.81	113.93	-0.878
88	100	LDR-Biased	115.09	114.89	-0.204
90	100	LDR-Biased	114.87	114.97	0.099
91	100	LDR-Unbiased	115.45	114.61	-0.839
93	100	LDR-Unbiased	114.32	115.21	0.886
94	100	LDR-Unbiased	114.68	115.24	0.564
95	100	LDR-Unbiased	114.96	114.48	-0.479
96	100	LDR-Unbiased	115.23	115.55	0.321
106	50	LDR-Biased	114.3	115.28	0.98
108	50	LDR-Biased	114.44	115.42	0.984
109	50	LDR-Biased	114.56	115.25	0.686
110	50	LDR-Biased	115.28	116.08	0.801
111	50	LDR-Biased	114.14	115.93	1.792
112	50	LDR-Unbiased	115.4	116.34	0.938
113	50	LDR-Unbiased	115.07	115.78	0.711
115	50	LDR-Unbiased	114.63	116.64	2.003
116	50	LDR-Unbiased	115.12	115.86	0.737
117	50	LDR-Unbiased	115.21	116.22	1.015

Test Statistics (Ohms)

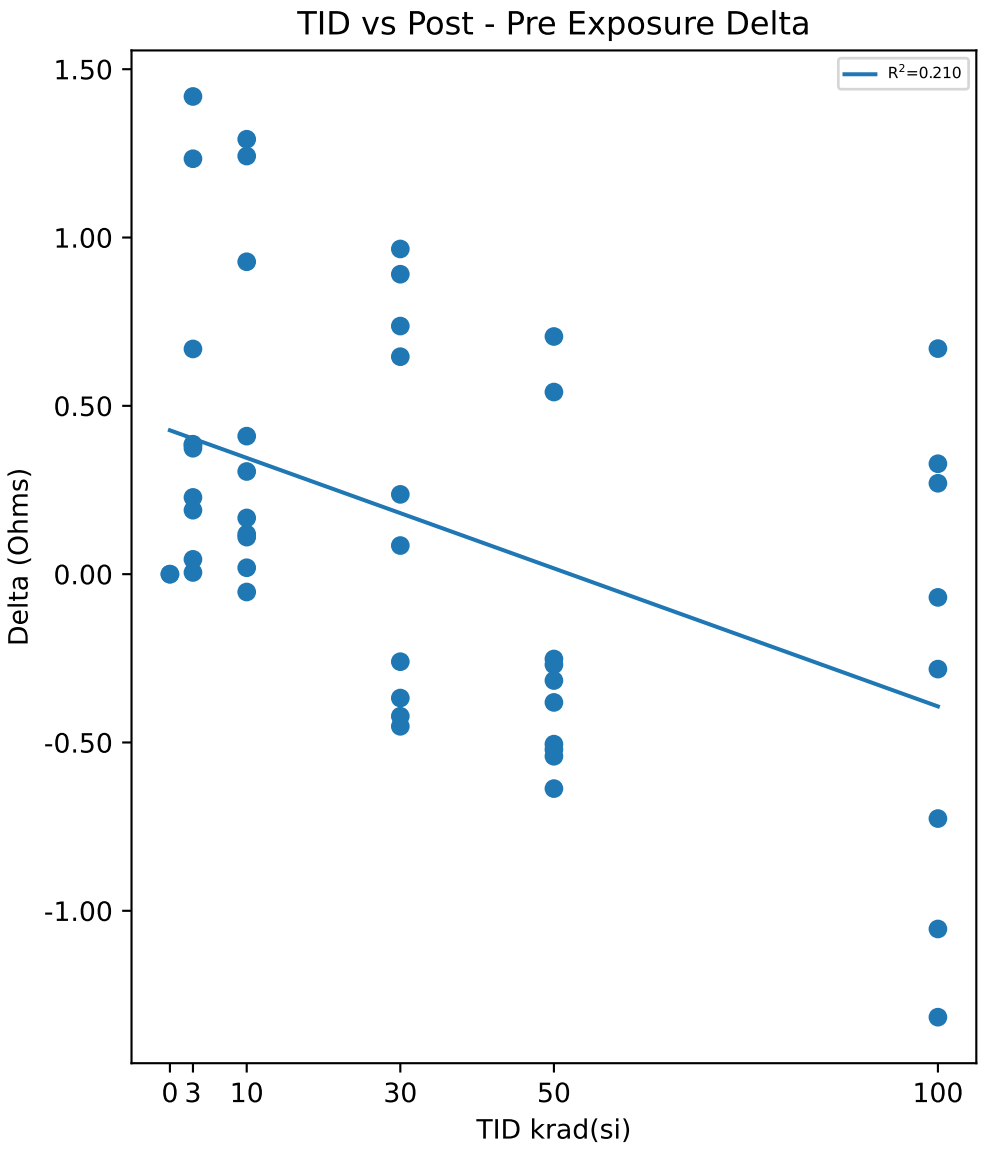
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	115.41	115.85	116.29	0.62791	115.41	115.85	116.29	0.62791	0	0	0	0
3	114.14	114.81	115.4	0.45127	115.02	115.64	116.34	0.41792	0.329	0.8223	1.706	0.46839
10	114.14	114.81	115.4	0.45127	116.09	116.69	117.26	0.36862	1.298	1.8721	2.776	0.51888
30	114.14	114.81	115.4	0.45127	115.6	116.08	116.5	0.28256	0.479	1.2673	1.943	0.56929
50	114.14	114.81	115.4	0.45127	115.25	115.88	116.64	0.46261	0.686	1.0647	2.003	0.4579
100	114.32	114.92	115.45	0.34673	113.93	114.86	115.55	0.51039	-0.878	-0.06625	0.886	0.6466

Device Test: 18.49 Res_PD_SRFAULT/SR_FAULTb/3.3/14/0/0/0.001/@SR_FAULT_RPD



Test Results (Lower Limit = 0.0, Upper Limit = 475.0 (Ohms))

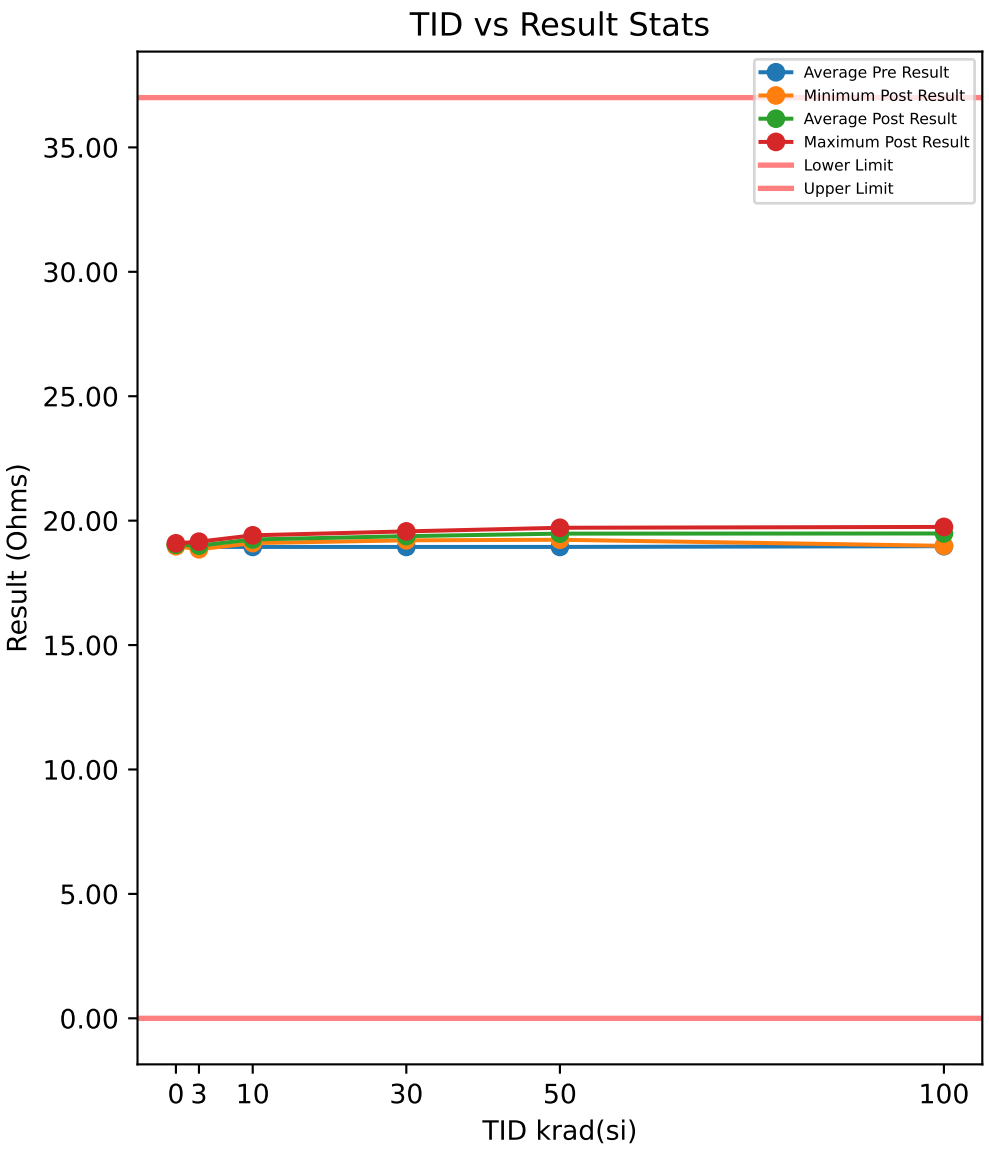
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	113.9	113.9	0
7	0	Correlation	114.63	114.63	0
16	3	LDR-Biased	113.09	113.76	0.669
18	3	LDR-Biased	113.21	113.59	0.384
19	3	LDR-Biased	113.36	113.55	0.19
20	3	LDR-Biased	113.97	114.34	0.374
21	3	LDR-Biased	112.98	114.21	1.234
22	3	LDR-Unbiased	114.28	114.28	0.005
23	3	LDR-Unbiased	113.8	114.03	0.228
25	3	LDR-Unbiased	113.35	114.77	1.419
26	3	LDR-Unbiased	113.91	113.96	0.044
27	3	LDR-Unbiased	113.91	114.3	0.386
46	10	LDR-Biased	113.09	114.02	0.928
48	10	LDR-Biased	113.21	113.62	0.41
49	10	LDR-Biased	113.36	113.53	0.167
50	10	LDR-Biased	113.97	114.27	0.305
51	10	LDR-Biased	112.98	114.22	1.242
52	10	LDR-Unbiased	114.28	114.3	0.019
53	10	LDR-Unbiased	113.8	113.92	0.119
55	10	LDR-Unbiased	113.35	114.64	1.292
56	10	LDR-Unbiased	113.91	113.86	-0.053
57	10	LDR-Unbiased	113.91	114.02	0.11
76	30	LDR-Biased	113.09	114.06	0.966
78	30	LDR-Biased	113.21	113.85	0.646
79	30	LDR-Biased	113.36	113.6	0.237
80	30	LDR-Biased	113.97	114.05	0.085
81	30	LDR-Biased	112.98	113.72	0.737
82	30	LDR-Unbiased	114.28	113.83	-0.452
83	30	LDR-Unbiased	113.8	113.54	-0.26
84	30	LDR-Unbiased	113.91	113.54	-0.368
85	30	LDR-Unbiased	113.35	114.24	0.891
86	30	LDR-Unbiased	113.91	113.49	-0.422
87	100	LDR-Biased	113.65	112.59	-1.054
88	100	LDR-Biased	113.75	113.47	-0.282
90	100	LDR-Biased	113.66	113.59	-0.069
91	100	LDR-Unbiased	114.35	113.03	-1.316
93	100	LDR-Unbiased	113.05	113.72	0.67
94	100	LDR-Unbiased	113.49	113.82	0.328
95	100	LDR-Unbiased	113.72	112.99	-0.726
96	100	LDR-Unbiased	113.9	114.17	0.27
106	50	LDR-Biased	113.09	112.84	-0.252
108	50	LDR-Biased	113.21	112.94	-0.269
109	50	LDR-Biased	113.36	112.73	-0.637
110	50	LDR-Biased	113.97	113.58	-0.381
111	50	LDR-Biased	112.98	113.52	0.541
112	50	LDR-Unbiased	114.28	113.76	-0.521
113	50	LDR-Unbiased	113.8	113.3	-0.505
115	50	LDR-Unbiased	113.35	114.05	0.706
116	50	LDR-Unbiased	113.91	113.37	-0.541
117	50	LDR-Unbiased	113.91	113.6	-0.316

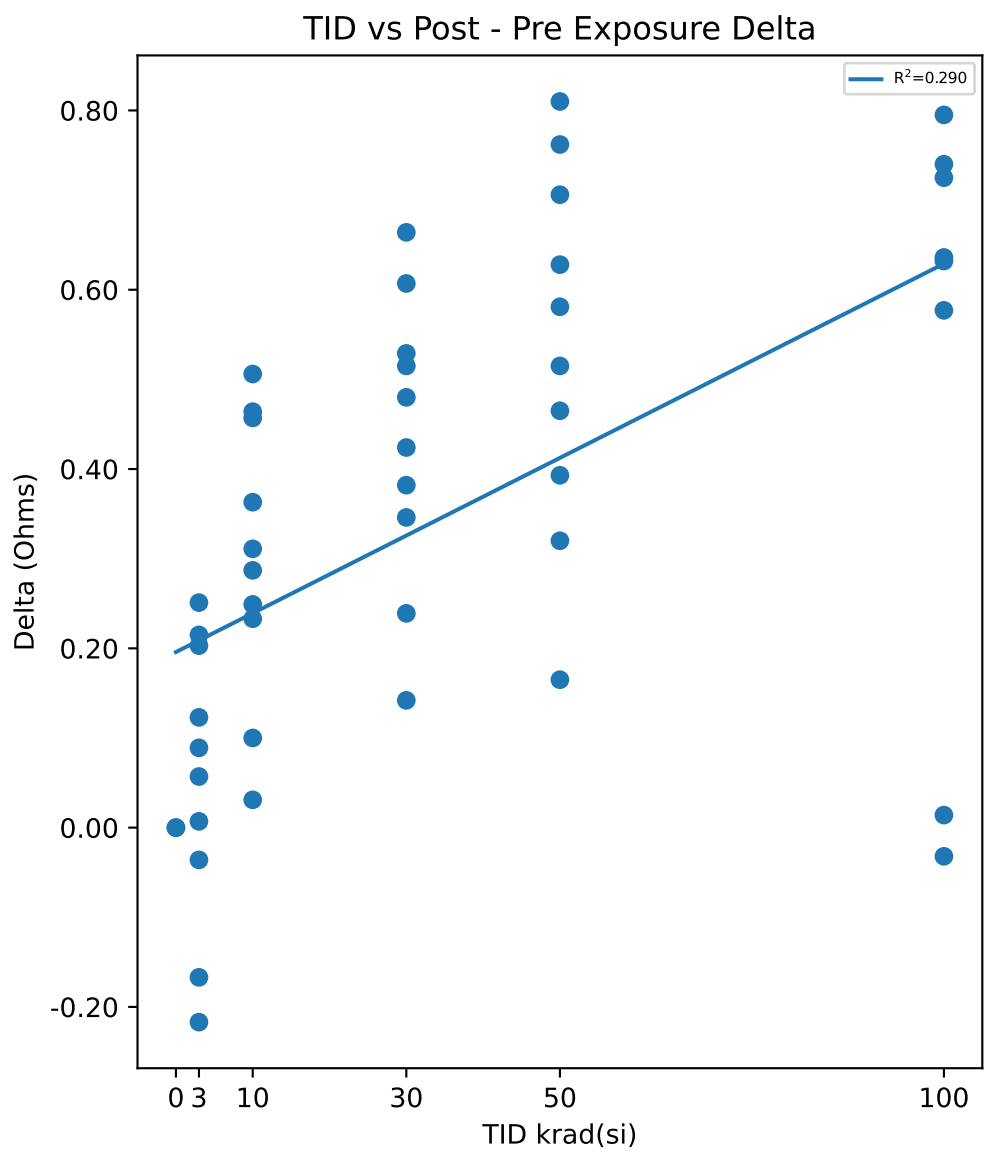


Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	113.9	114.27	114.63	0.51831	113.9	114.27	114.63	0.51831	0	0	0	0
3	112.98	113.59	114.28	0.44045	113.55	114.08	114.77	0.3771	0.005	0.4933	1.419	0.48037
10	112.98	113.59	114.28	0.44045	113.53	114.04	114.64	0.3328	-0.053	0.4539	1.292	0.50894
30	112.98	113.59	114.28	0.44045	113.49	113.79	114.24	0.25816	-0.452	0.206	0.966	0.56882
50	112.98	113.59	114.28	0.44045	112.73	113.37	114.05	0.42461	-0.637	-0.2175	0.706	0.46234
100	113.05	113.69	114.35	0.36505	112.59	113.42	114.17	0.51528	-1.316	-0.27237	0.67	0.7061

Device Test: 18.5 Res_PU_SEQ/SEQ_DONE/1.6/3/0/0/2/@SEQDONE_RPMOS_LOW_V





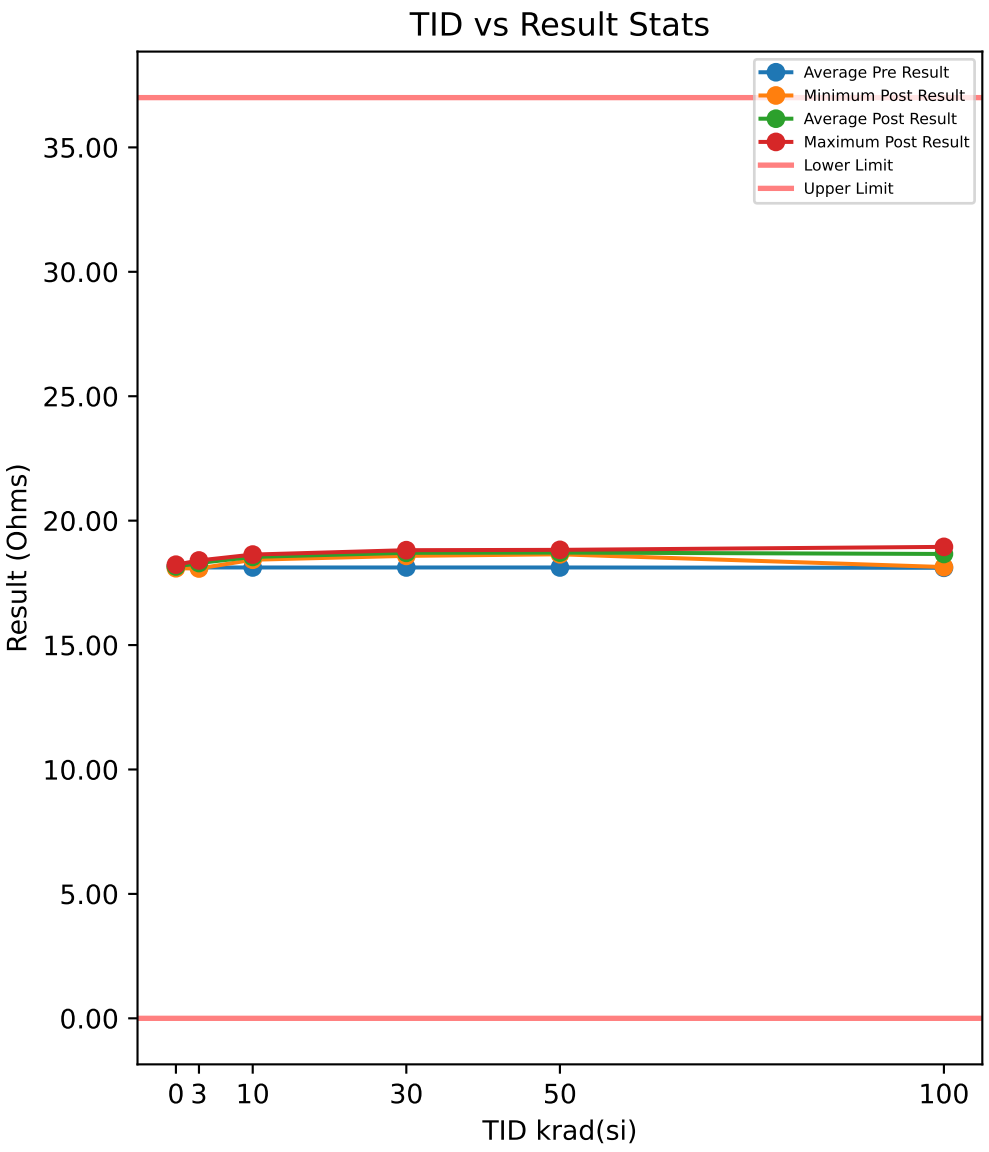
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

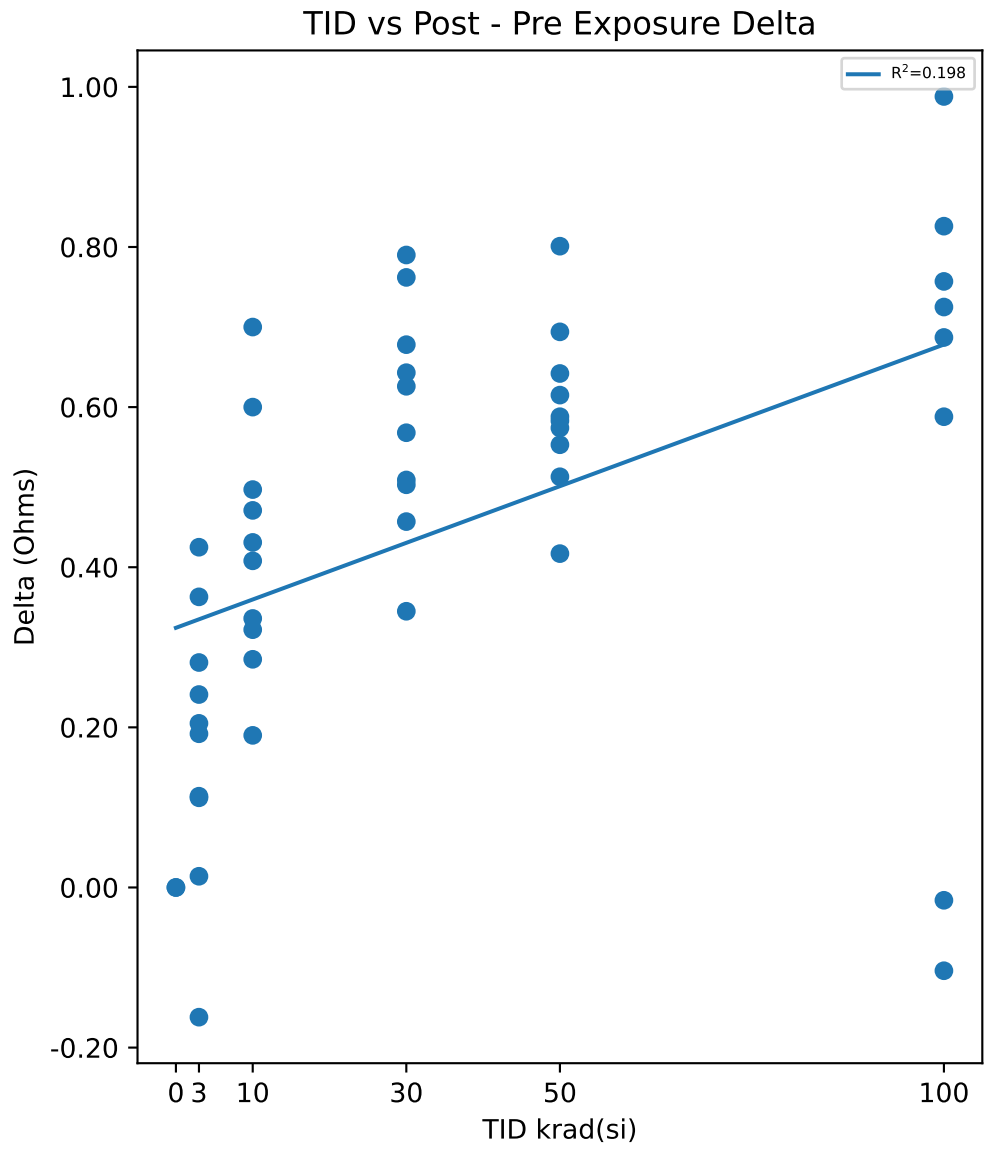
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	19.089	19.089	0
7	0	Correlation	18.972	18.972	0
16	3	LDR-Biased	18.928	18.892	-0.036
18	3	LDR-Biased	18.935	19.024	0.089
19	3	LDR-Biased	18.932	18.989	0.057
20	3	LDR-Biased	19.067	18.85	-0.217
21	3	LDR-Biased	18.825	19.04	0.215
22	3	LDR-Unbiased	19.035	18.868	-0.167
23	3	LDR-Unbiased	18.826	19.029	0.203
25	3	LDR-Unbiased	18.904	19.155	0.251
26	3	LDR-Unbiased	18.968	19.091	0.123
27	3	LDR-Unbiased	19.018	19.025	0.007
46	10	LDR-Biased	18.928	19.161	0.233
48	10	LDR-Biased	18.935	19.246	0.311
49	10	LDR-Biased	18.932	19.219	0.287
50	10	LDR-Biased	19.067	19.098	0.031
51	10	LDR-Biased	18.825	19.289	0.464
52	10	LDR-Unbiased	19.035	19.135	0.1
53	10	LDR-Unbiased	18.826	19.283	0.457
55	10	LDR-Unbiased	18.904	19.41	0.506
56	10	LDR-Unbiased	18.968	19.331	0.363
57	10	LDR-Unbiased	19.018	19.267	0.249
76	30	LDR-Biased	18.928	19.274	0.346
78	30	LDR-Biased	18.935	19.415	0.48
79	30	LDR-Biased	18.932	19.356	0.424
80	30	LDR-Biased	19.067	19.209	0.142
81	30	LDR-Biased	18.825	19.354	0.529
82	30	LDR-Unbiased	19.035	19.274	0.239
83	30	LDR-Unbiased	18.826	19.433	0.607
84	30	LDR-Unbiased	19.018	19.4	0.382
85	30	LDR-Unbiased	18.904	19.568	0.664
86	30	LDR-Unbiased	18.968	19.483	0.515
87	100	LDR-Biased	18.934	19.674	0.74
88	100	LDR-Biased	19.02	18.988	-0.032
90	100	LDR-Biased	18.979	18.993	0.014
91	100	LDR-Unbiased	19.023	19.748	0.725
93	100	LDR-Unbiased	18.84	19.635	0.795
94	100	LDR-Unbiased	18.971	19.548	0.577
95	100	LDR-Unbiased	19	19.636	0.636
96	100	LDR-Unbiased	19.018	19.65	0.632
106	50	LDR-Biased	18.928	19.248	0.32
108	50	LDR-Biased	18.935	19.45	0.515
109	50	LDR-Biased	18.932	19.397	0.465
110	50	LDR-Biased	19.067	19.232	0.165
111	50	LDR-Biased	18.825	19.453	0.628
112	50	LDR-Unbiased	19.035	19.428	0.393
113	50	LDR-Unbiased	18.826	19.588	0.762
115	50	LDR-Unbiased	18.904	19.714	0.81
116	50	LDR-Unbiased	18.968	19.674	0.706
117	50	LDR-Unbiased	19.018	19.599	0.581

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.972	19.03	19.089	0.082731	18.972	19.03	19.089	0.082731	0	0	0	0
3	18.825	18.944	19.067	0.081396	18.85	18.996	19.155	0.098613	-0.217	0.0525	0.251	0.15829
10	18.825	18.944	19.067	0.081396	19.098	19.244	19.41	0.094231	0.031	0.3001	0.506	0.15552
30	18.825	18.944	19.067	0.081396	19.209	19.377	19.568	0.1071	0.142	0.4328	0.664	0.16137
50	18.825	18.944	19.067	0.081396	19.232	19.478	19.714	0.1649	0.165	0.5345	0.81	0.20433
100	18.84	18.973	19.023	0.061775	18.988	19.484	19.748	0.30948	-0.032	0.51087	0.795	0.3285

Device Test: 18.6 Res_PU_EN1/EN1/1.6/14/0/0/2/@EN_RPMOS_LOW_V





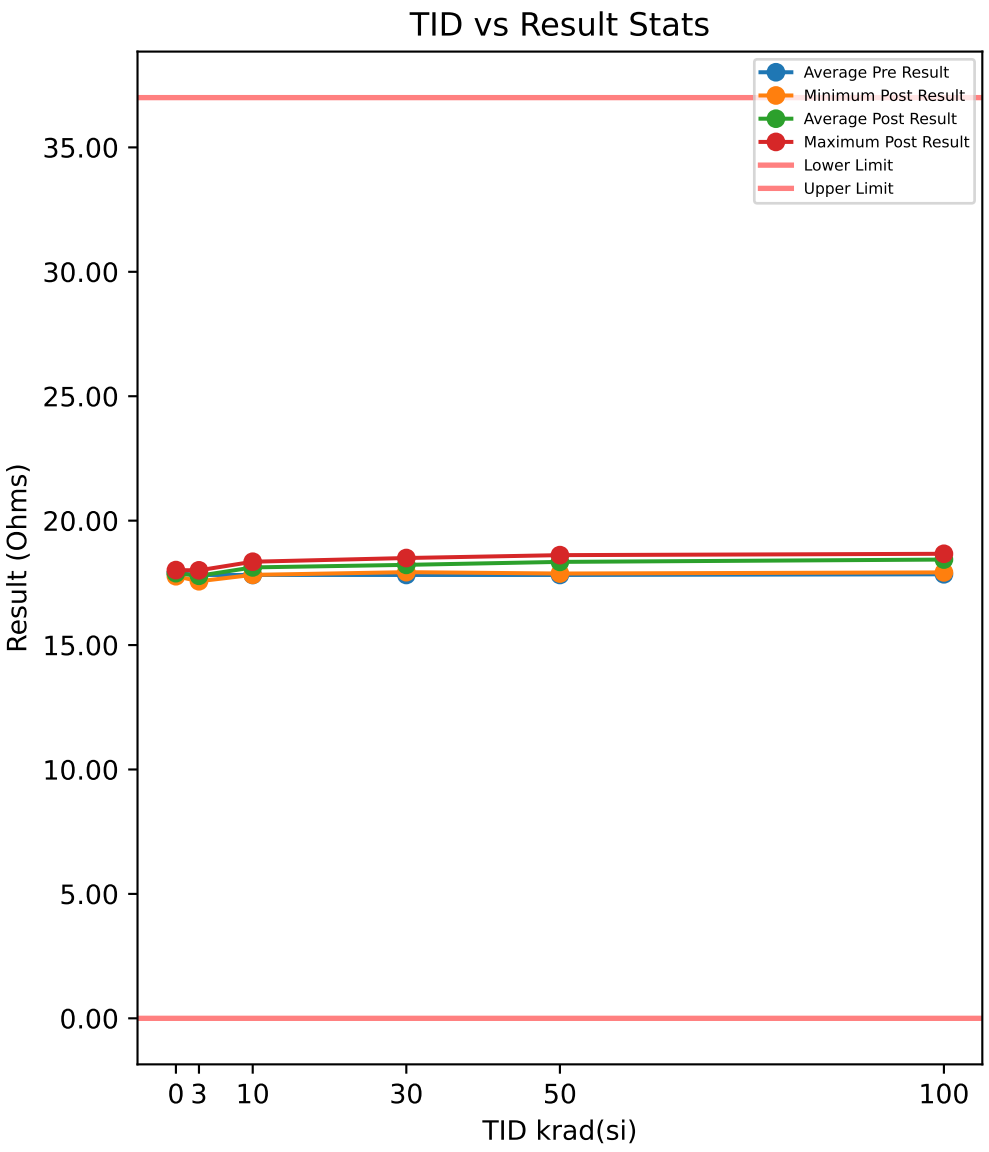
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

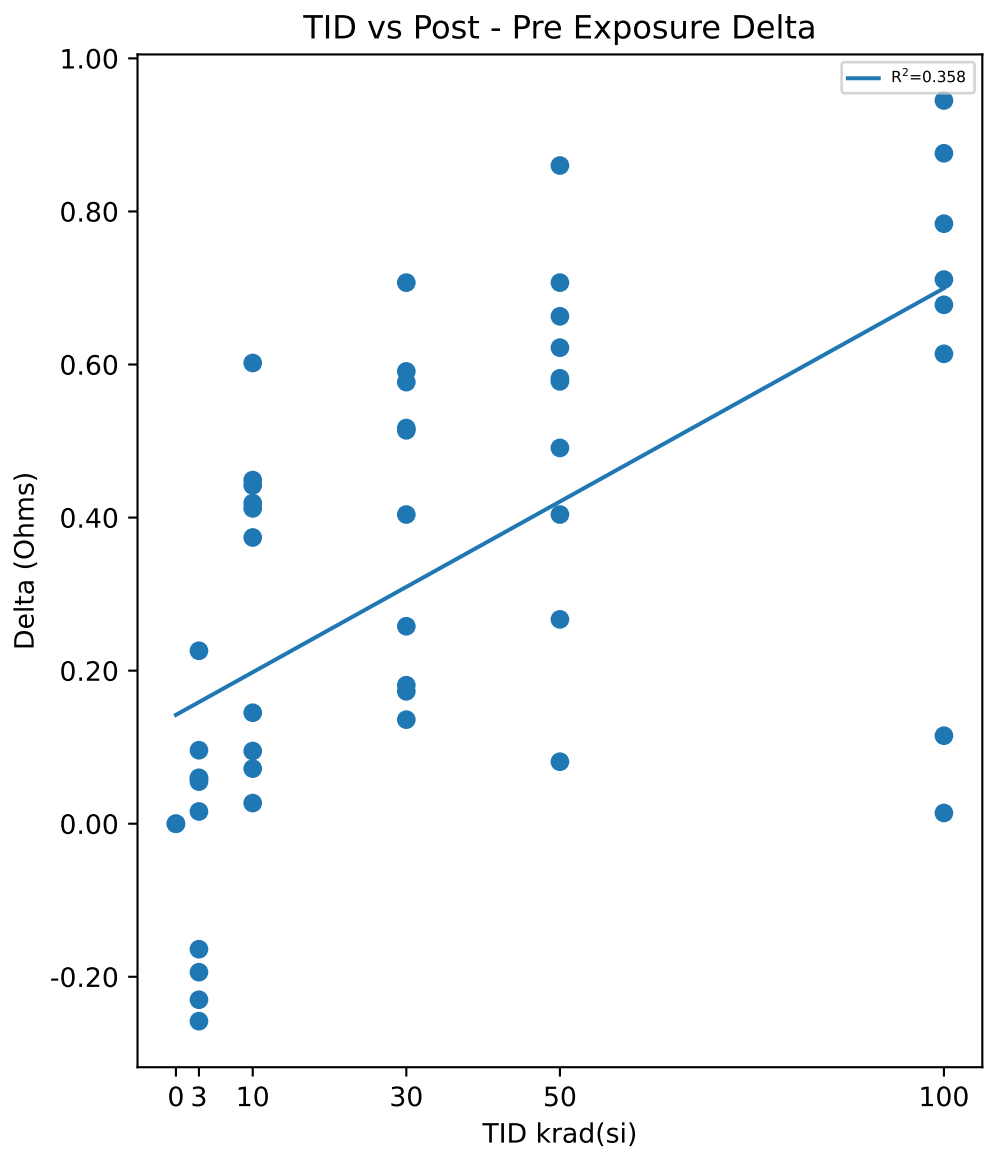
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	18.23	18.23	0
7	0	Correlation	18.087	18.087	0
16	3	LDR-Biased	18.037	18.4	0.363
18	3	LDR-Biased	18.187	18.379	0.192
19	3	LDR-Biased	18.032	18.313	0.281
20	3	LDR-Biased	18.164	18.369	0.205
21	3	LDR-Biased	17.846	18.271	0.425
22	3	LDR-Unbiased	18.239	18.077	-0.162
23	3	LDR-Unbiased	18.055	18.296	0.241
25	3	LDR-Unbiased	18.179	18.193	0.014
26	3	LDR-Unbiased	18.243	18.355	0.112
27	3	LDR-Unbiased	18.201	18.315	0.114
46	10	LDR-Biased	18.037	18.637	0.6
48	10	LDR-Biased	18.187	18.595	0.408
49	10	LDR-Biased	18.032	18.529	0.497
50	10	LDR-Biased	18.164	18.595	0.431
51	10	LDR-Biased	17.846	18.546	0.7
52	10	LDR-Unbiased	18.239	18.429	0.19
53	10	LDR-Unbiased	18.055	18.526	0.471
55	10	LDR-Unbiased	18.179	18.464	0.285
56	10	LDR-Unbiased	18.243	18.565	0.322
57	10	LDR-Unbiased	18.201	18.537	0.336
76	30	LDR-Biased	18.037	18.799	0.762
78	30	LDR-Biased	18.187	18.813	0.626
79	30	LDR-Biased	18.032	18.71	0.678
80	30	LDR-Biased	18.164	18.732	0.568
81	30	LDR-Biased	17.846	18.636	0.79
82	30	LDR-Unbiased	18.239	18.584	0.345
83	30	LDR-Unbiased	18.055	18.698	0.643
84	30	LDR-Unbiased	18.201	18.71	0.509
85	30	LDR-Unbiased	18.179	18.636	0.457
86	30	LDR-Unbiased	18.243	18.746	0.503
87	100	LDR-Biased	17.945	18.771	0.826
88	100	LDR-Biased	18.151	18.135	-0.016
90	100	LDR-Biased	18.26	18.156	-0.104
91	100	LDR-Unbiased	18.248	18.836	0.588
93	100	LDR-Unbiased	17.861	18.849	0.988
94	100	LDR-Unbiased	18.106	18.831	0.725
95	100	LDR-Unbiased	18.078	18.765	0.687
96	100	LDR-Unbiased	18.189	18.946	0.757
106	50	LDR-Biased	18.037	18.679	0.642
108	50	LDR-Biased	18.187	18.761	0.574
109	50	LDR-Biased	18.032	18.647	0.615
110	50	LDR-Biased	18.164	18.717	0.553
111	50	LDR-Biased	17.846	18.647	0.801
112	50	LDR-Unbiased	18.239	18.656	0.417
113	50	LDR-Unbiased	18.055	18.749	0.694
115	50	LDR-Unbiased	18.179	18.692	0.513
116	50	LDR-Unbiased	18.243	18.826	0.583
117	50	LDR-Unbiased	18.201	18.789	0.588

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.087	18.159	18.23	0.10112	18.087	18.159	18.23	0.10112	0	0	0	0
3	17.846	18.118	18.243	0.12457	18.077	18.297	18.4	0.097953	-0.162	0.1785	0.425	0.17052
10	17.846	18.118	18.243	0.12457	18.429	18.542	18.637	0.061905	0.19	0.424	0.7	0.15174
30	17.846	18.118	18.243	0.12457	18.584	18.706	18.813	0.072382	0.345	0.5881	0.79	0.13893
50	17.846	18.118	18.243	0.12457	18.647	18.716	18.826	0.062902	0.417	0.598	0.801	0.10304
100	17.861	18.105	18.26	0.14117	18.135	18.661	18.946	0.32309	-0.104	0.55637	0.988	0.39811

Device Test: 18.7 Res_PU_EN2/EN2/1.6/14/0/0/2/@EN_RPMOS_LOW_V





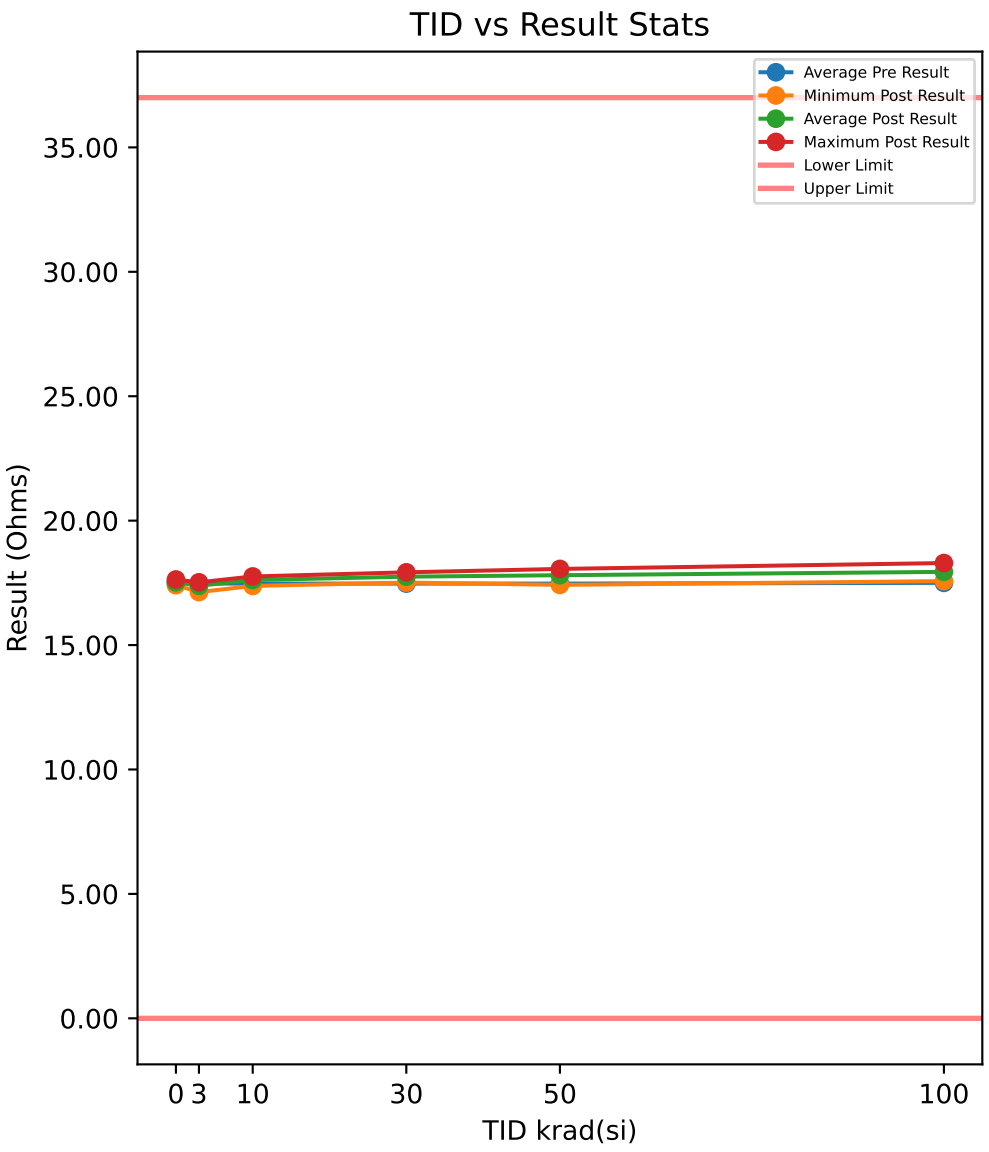
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

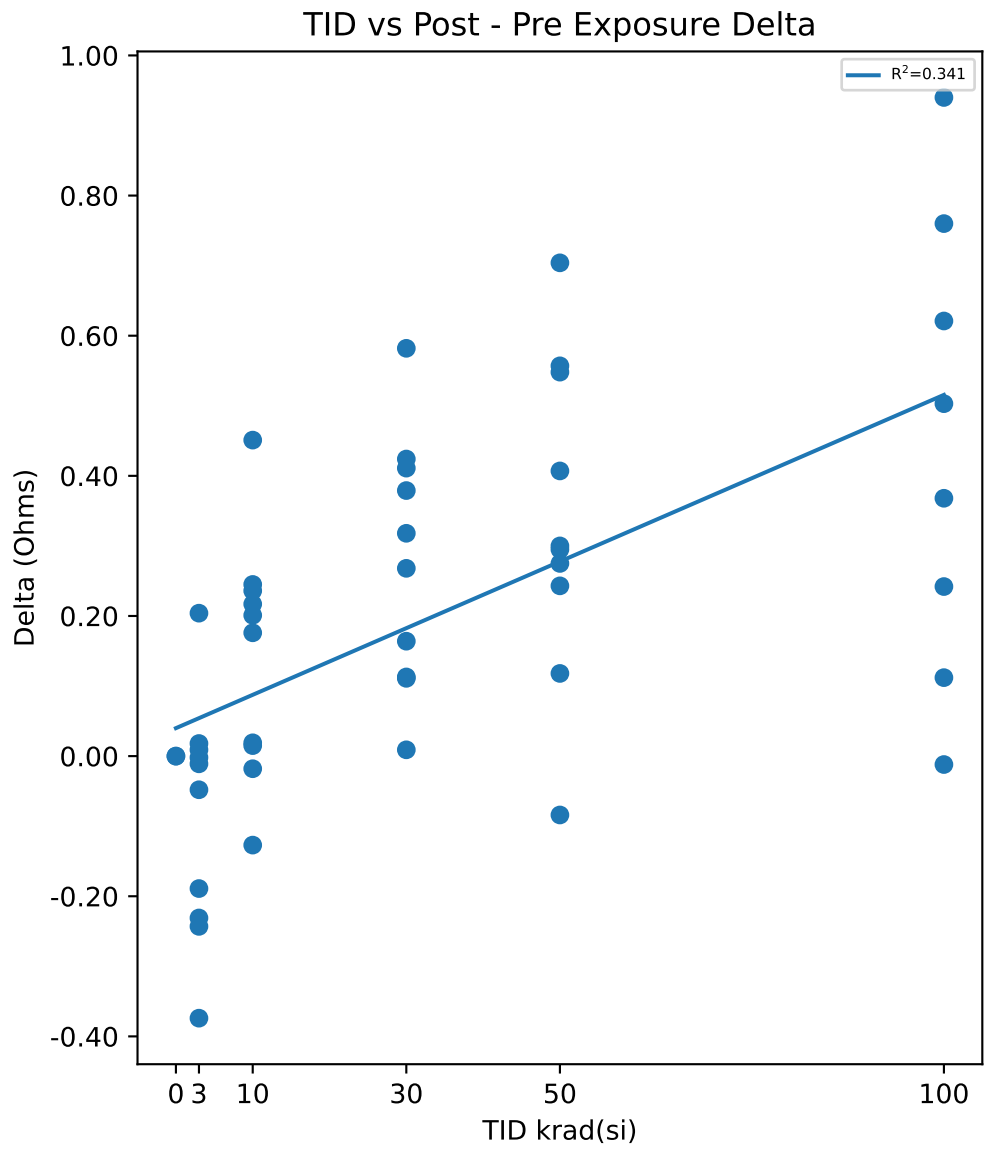
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	18.013	18.013	0
7	0	Correlation	17.766	17.766	0
16	3	LDR-Biased	17.794	17.564	-0.23
18	3	LDR-Biased	17.756	17.815	0.059
19	3	LDR-Biased	17.758	17.813	0.055
20	3	LDR-Biased	17.85	17.656	-0.194
21	3	LDR-Biased	17.706	17.766	0.06
22	3	LDR-Unbiased	18.028	17.77	-0.258
23	3	LDR-Unbiased	17.627	17.853	0.226
25	3	LDR-Unbiased	17.835	17.851	0.016
26	3	LDR-Unbiased	17.907	18.003	0.096
27	3	LDR-Unbiased	17.911	17.747	-0.164
46	10	LDR-Biased	17.794	17.821	0.027
48	10	LDR-Biased	17.756	18.175	0.419
49	10	LDR-Biased	17.758	18.207	0.449
50	10	LDR-Biased	17.85	17.922	0.072
51	10	LDR-Biased	17.706	18.118	0.412
52	10	LDR-Unbiased	18.028	18.123	0.095
53	10	LDR-Unbiased	17.627	18.229	0.602
55	10	LDR-Unbiased	17.835	18.209	0.374
56	10	LDR-Unbiased	17.907	18.349	0.442
57	10	LDR-Unbiased	17.911	18.056	0.145
76	30	LDR-Biased	17.794	17.93	0.136
78	30	LDR-Biased	17.756	18.333	0.577
79	30	LDR-Biased	17.758	18.272	0.514
80	30	LDR-Biased	17.85	18.023	0.173
81	30	LDR-Biased	17.706	18.11	0.404
82	30	LDR-Unbiased	18.028	18.209	0.181
83	30	LDR-Unbiased	17.627	18.334	0.707
84	30	LDR-Unbiased	17.911	18.169	0.258
85	30	LDR-Unbiased	17.835	18.352	0.517
86	30	LDR-Unbiased	17.907	18.498	0.591
87	100	LDR-Biased	17.753	18.629	0.876
88	100	LDR-Biased	17.907	17.921	0.014
90	100	LDR-Biased	17.81	17.925	0.115
91	100	LDR-Unbiased	17.99	18.668	0.678
93	100	LDR-Unbiased	17.713	18.658	0.945
94	100	LDR-Unbiased	17.856	18.47	0.614
95	100	LDR-Unbiased	17.794	18.578	0.784
96	100	LDR-Unbiased	17.929	18.64	0.711
106	50	LDR-Biased	17.794	17.875	0.081
108	50	LDR-Biased	17.756	18.378	0.622
109	50	LDR-Biased	17.758	18.34	0.582
110	50	LDR-Biased	17.85	18.117	0.267
111	50	LDR-Biased	17.706	18.284	0.578
112	50	LDR-Unbiased	18.028	18.432	0.404
113	50	LDR-Unbiased	17.627	18.487	0.86
115	50	LDR-Unbiased	17.835	18.498	0.663
116	50	LDR-Unbiased	17.907	18.614	0.707
117	50	LDR-Unbiased	17.911	18.402	0.491

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.766	17.889	18.013	0.17466	17.766	17.889	18.013	0.17466	0	0	0	0
3	17.627	17.817	18.028	0.115	17.564	17.784	18.003	0.11817	-0.258	-0.0334	0.226	0.16448
10	17.627	17.817	18.028	0.115	17.821	18.121	18.349	0.15476	0.027	0.3037	0.602	0.19949
30	17.627	17.817	18.028	0.115	17.93	18.223	18.498	0.17023	0.136	0.4058	0.707	0.20488
50	17.627	17.817	18.028	0.115	17.875	18.343	18.614	0.21198	0.081	0.5255	0.86	0.22592
100	17.713	17.844	17.99	0.093924	17.921	18.436	18.668	0.32285	0.014	0.59213	0.945	0.34347

Device Test: 18.8 Res_PU_EN3/EN3/1.6/14/0/0/2/@EN_RPMOS_LOW_V





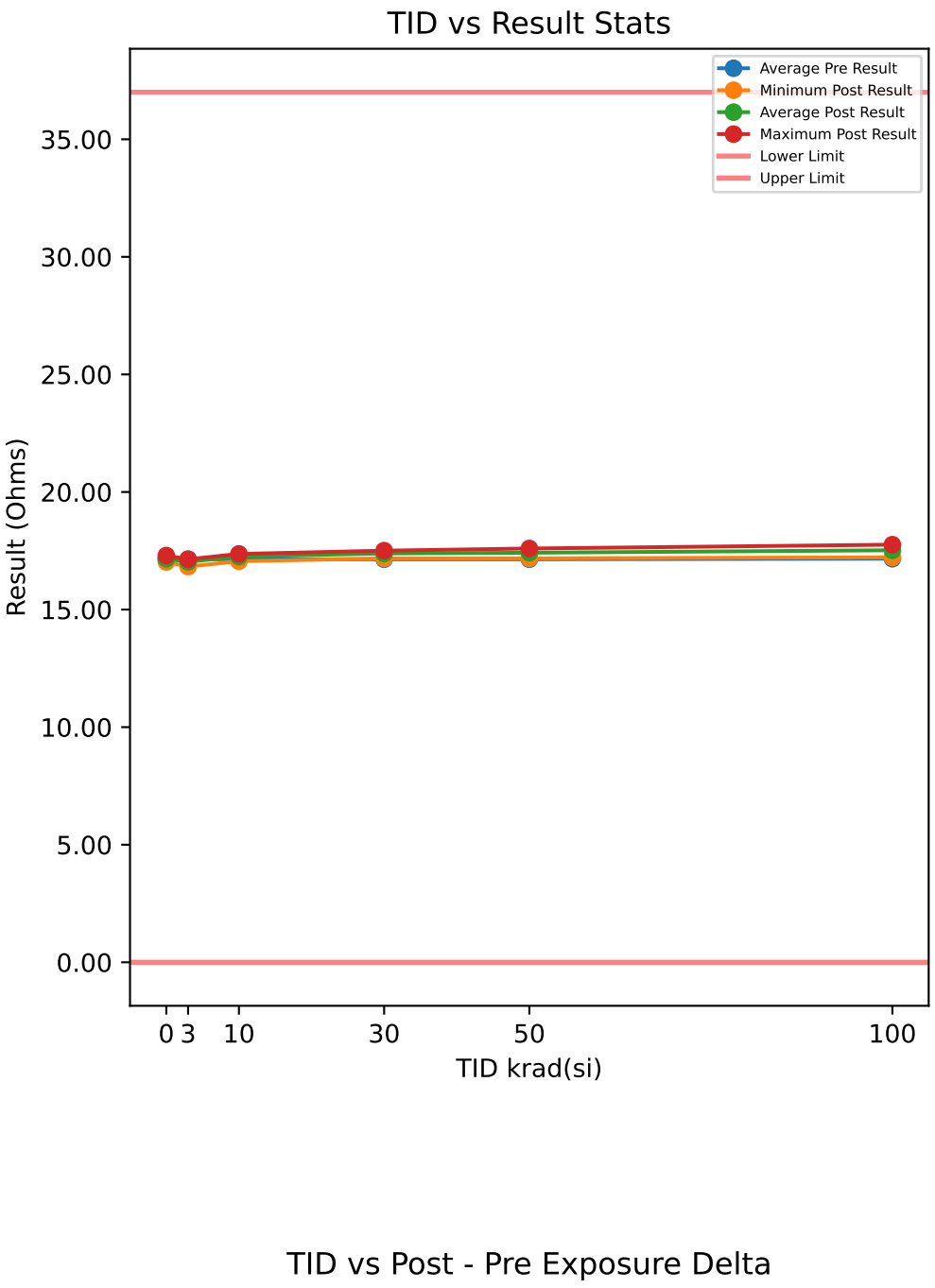
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

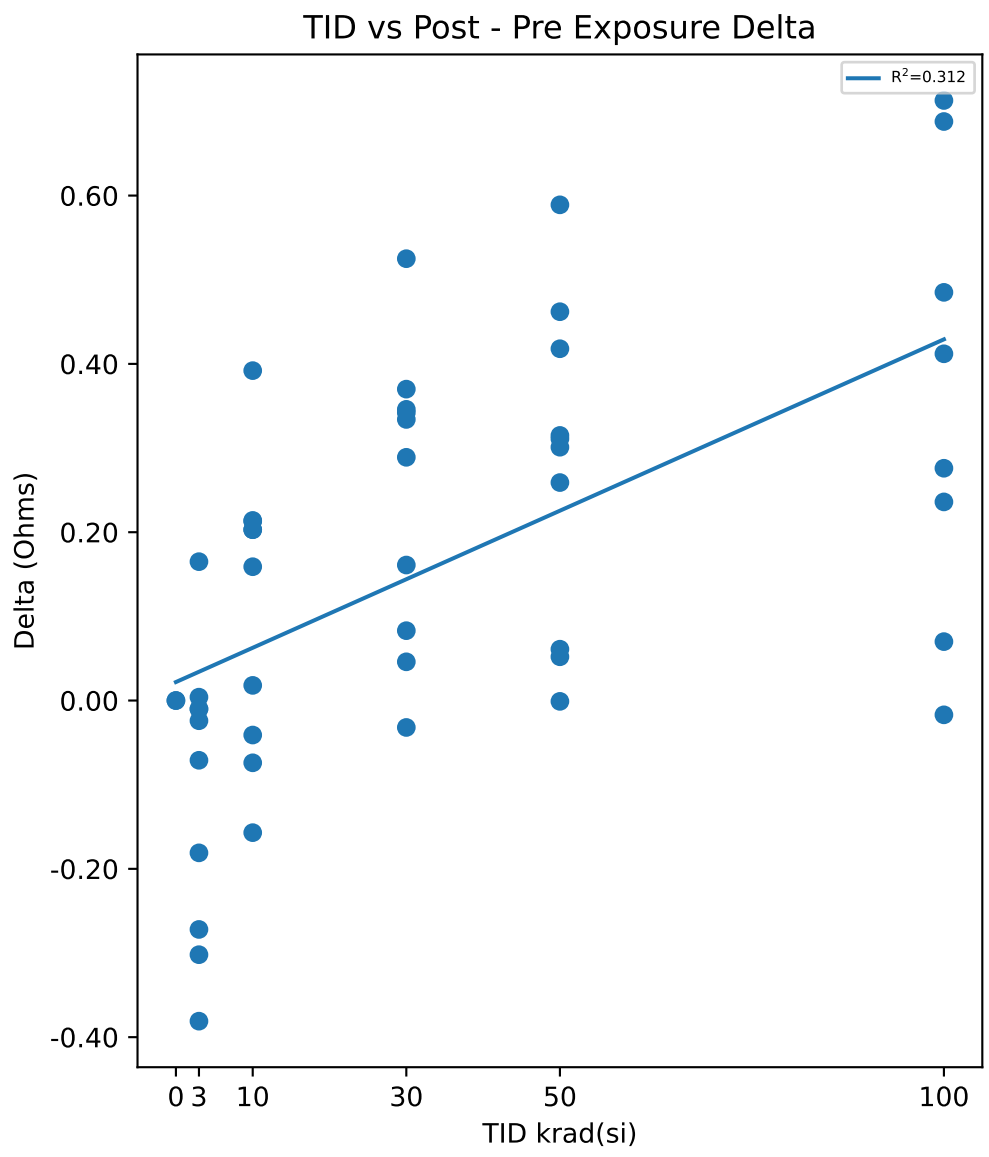
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	17.635	17.635	0
7	0	Correlation	17.407	17.407	0
16	3	LDR-Biased	17.503	17.129	-0.374
18	3	LDR-Biased	17.413	17.431	0.018
19	3	LDR-Biased	17.443	17.395	-0.048
20	3	LDR-Biased	17.45	17.219	-0.231
21	3	LDR-Biased	17.422	17.411	-0.011
22	3	LDR-Unbiased	17.645	17.402	-0.243
23	3	LDR-Unbiased	17.259	17.463	0.204
25	3	LDR-Unbiased	17.512	17.521	0.009
26	3	LDR-Unbiased	17.5	17.498	-0.002
27	3	LDR-Unbiased	17.559	17.37	-0.189
46	10	LDR-Biased	17.503	17.376	-0.127
48	10	LDR-Biased	17.413	17.649	0.236
49	10	LDR-Biased	17.443	17.619	0.176
50	10	LDR-Biased	17.45	17.465	0.015
51	10	LDR-Biased	17.422	17.623	0.201
52	10	LDR-Unbiased	17.645	17.627	-0.018
53	10	LDR-Unbiased	17.259	17.71	0.451
55	10	LDR-Unbiased	17.512	17.757	0.245
56	10	LDR-Unbiased	17.5	17.717	0.217
57	10	LDR-Unbiased	17.559	17.578	0.019
76	30	LDR-Biased	17.503	17.512	0.009
78	30	LDR-Biased	17.413	17.837	0.424
79	30	LDR-Biased	17.443	17.761	0.318
80	30	LDR-Biased	17.45	17.561	0.111
81	30	LDR-Biased	17.422	17.69	0.268
82	30	LDR-Unbiased	17.645	17.758	0.113
83	30	LDR-Unbiased	17.259	17.841	0.582
84	30	LDR-Unbiased	17.559	17.723	0.164
85	30	LDR-Unbiased	17.512	17.923	0.411
86	30	LDR-Unbiased	17.5	17.879	0.379
87	100	LDR-Biased	17.356	18.296	0.94
88	100	LDR-Biased	17.582	17.57	-0.012
90	100	LDR-Biased	17.46	17.572	0.112
91	100	LDR-Unbiased	17.647	18.268	0.621
93	100	LDR-Unbiased	17.428	18.188	0.76
94	100	LDR-Unbiased	17.534	17.776	0.242
95	100	LDR-Unbiased	17.438	17.941	0.503
96	100	LDR-Unbiased	17.551	17.919	0.368
106	50	LDR-Biased	17.503	17.419	-0.084
108	50	LDR-Biased	17.413	17.82	0.407
109	50	LDR-Biased	17.443	17.738	0.295
110	50	LDR-Biased	17.45	17.568	0.118
111	50	LDR-Biased	17.422	17.722	0.3
112	50	LDR-Unbiased	17.645	17.888	0.243
113	50	LDR-Unbiased	17.259	17.963	0.704
115	50	LDR-Unbiased	17.512	18.06	0.548
116	50	LDR-Unbiased	17.5	18.057	0.557
117	50	LDR-Unbiased	17.559	17.834	0.275

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.407	17.521	17.635	0.16122	17.407	17.521	17.635	0.16122	0	0	0	0
3	17.259	17.471	17.645	0.10193	17.129	17.384	17.521	0.12194	-0.374	-0.0867	0.204	0.16908
10	17.259	17.471	17.645	0.10193	17.376	17.612	17.757	0.11637	-0.127	0.1415	0.451	0.16813
30	17.259	17.471	17.645	0.10193	17.512	17.748	17.923	0.13303	0.009	0.2779	0.582	0.17757
50	17.259	17.471	17.645	0.10193	17.419	17.807	18.06	0.20493	-0.084	0.3363	0.704	0.22938
100	17.356	17.5	17.647	0.095208	17.57	17.941	18.296	0.29166	-0.012	0.44175	0.94	0.32632

Device Test: 18.9 Res_PU_EN4/EN4/1.6/14/0/0/2/@EN_RPMOS_LOW_V





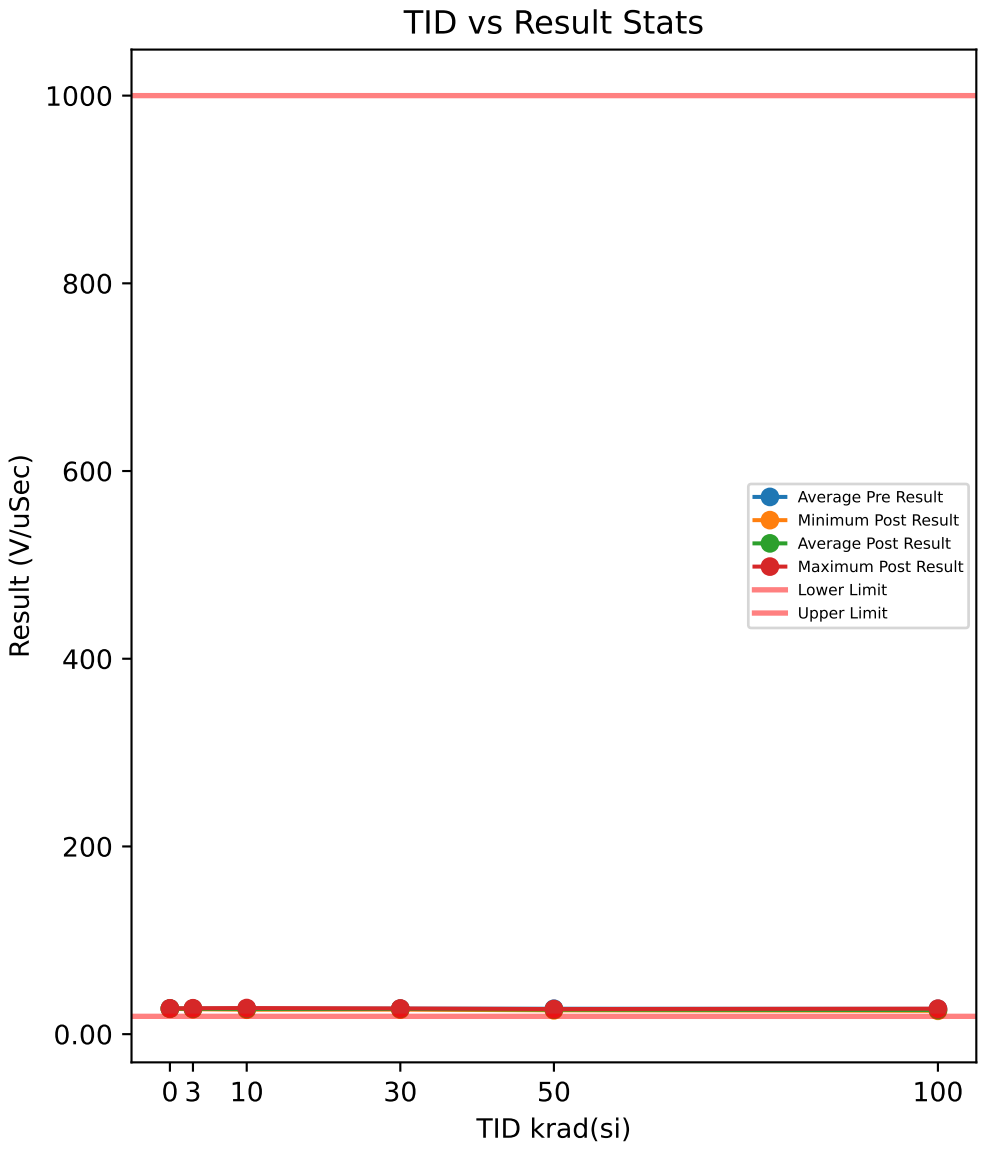
Test Results (Lower Limit = 0.0, Upper Limit = 37.0 (Ohms))

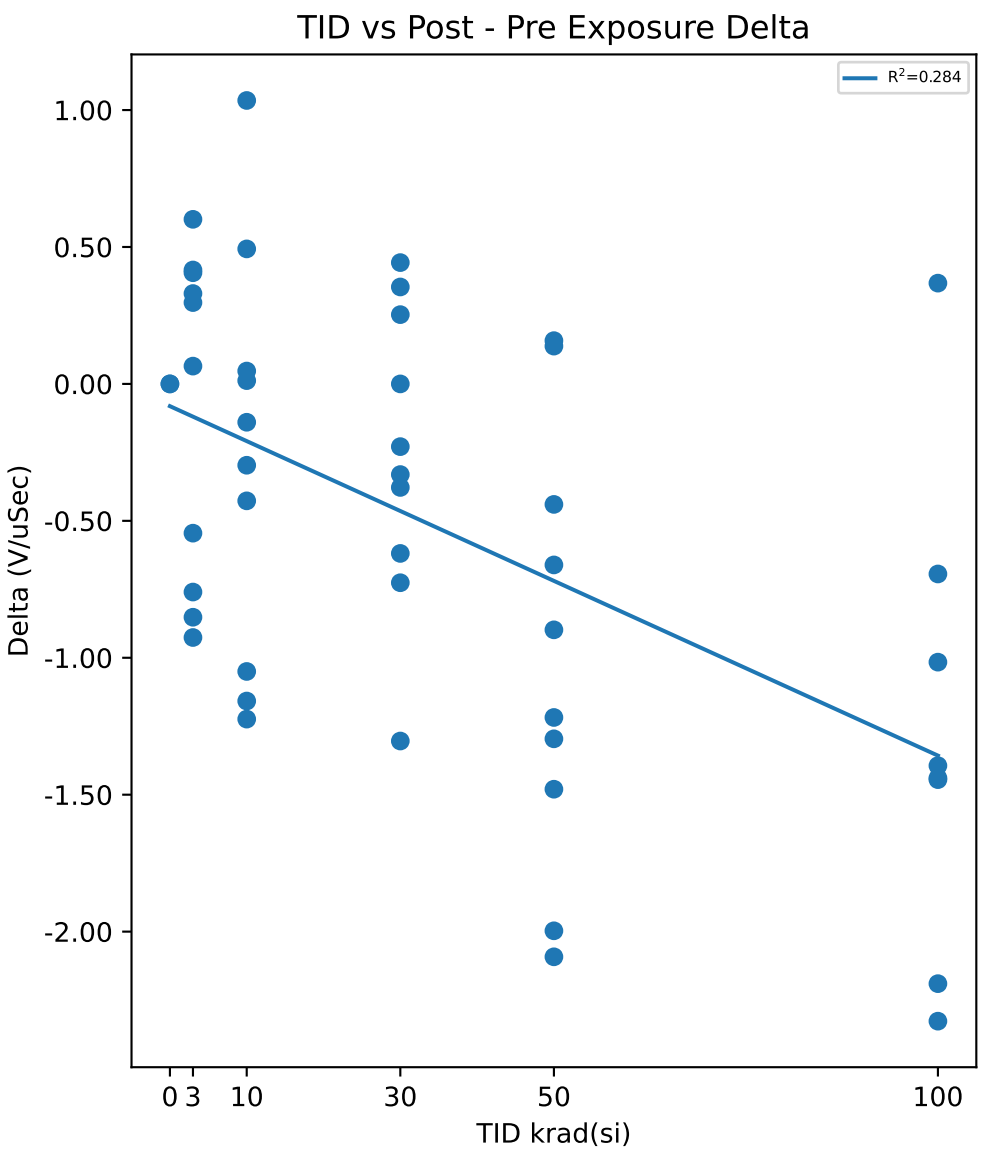
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	17.298	17.298	0
7	0	Correlation	17.024	17.024	0
16	3	LDR-Biased	17.179	16.907	-0.272
18	3	LDR-Biased	17.111	17.04	-0.071
19	3	LDR-Biased	17.101	17.091	-0.01
20	3	LDR-Biased	17.131	16.829	-0.302
21	3	LDR-Biased	17.045	17.035	-0.01
22	3	LDR-Unbiased	17.365	16.984	-0.381
23	3	LDR-Unbiased	16.973	17.138	0.165
25	3	LDR-Unbiased	17.163	17.139	-0.024
26	3	LDR-Unbiased	17.135	17.139	0.004
27	3	LDR-Unbiased	17.2	17.019	-0.181
46	10	LDR-Biased	17.179	17.138	-0.041
48	10	LDR-Biased	17.111	17.27	0.159
49	10	LDR-Biased	17.101	17.304	0.203
50	10	LDR-Biased	17.131	17.057	-0.074
51	10	LDR-Biased	17.045	17.259	0.214
52	10	LDR-Unbiased	17.365	17.208	-0.157
53	10	LDR-Unbiased	16.973	17.365	0.392
55	10	LDR-Unbiased	17.163	17.366	0.203
56	10	LDR-Unbiased	17.135	17.348	0.213
57	10	LDR-Unbiased	17.2	17.218	0.018
76	30	LDR-Biased	17.179	17.262	0.083
78	30	LDR-Biased	17.111	17.445	0.334
79	30	LDR-Biased	17.101	17.447	0.346
80	30	LDR-Biased	17.131	17.177	0.046
81	30	LDR-Biased	17.045	17.334	0.289
82	30	LDR-Unbiased	17.365	17.333	-0.032
83	30	LDR-Unbiased	16.973	17.498	0.525
84	30	LDR-Unbiased	17.2	17.361	0.161
85	30	LDR-Unbiased	17.163	17.505	0.342
86	30	LDR-Unbiased	17.135	17.505	0.37
87	100	LDR-Biased	17.046	17.759	0.713
88	100	LDR-Biased	17.258	17.241	-0.017
90	100	LDR-Biased	17.152	17.222	0.07
91	100	LDR-Unbiased	17.345	17.757	0.412
93	100	LDR-Unbiased	17.049	17.737	0.688
94	100	LDR-Unbiased	17.22	17.456	0.236
95	100	LDR-Unbiased	17.042	17.527	0.485
96	100	LDR-Unbiased	17.2	17.476	0.276
106	50	LDR-Biased	17.179	17.178	-0.001
108	50	LDR-Biased	17.111	17.412	0.301
109	50	LDR-Biased	17.101	17.416	0.315
110	50	LDR-Biased	17.131	17.183	0.052
111	50	LDR-Biased	17.045	17.356	0.311
112	50	LDR-Unbiased	17.365	17.426	0.061
113	50	LDR-Unbiased	16.973	17.562	0.589
115	50	LDR-Unbiased	17.163	17.581	0.418
116	50	LDR-Unbiased	17.135	17.597	0.462
117	50	LDR-Unbiased	17.2	17.459	0.259

Test Statistics (Ohms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.024	17.161	17.298	0.19375	17.024	17.161	17.298	0.19375	0	0	0	0
3	16.973	17.14	17.365	0.10309	16.829	17.032	17.139	0.10381	-0.381	-0.1082	0.165	0.16967
10	16.973	17.14	17.365	0.10309	17.057	17.253	17.366	0.10119	-0.157	0.113	0.392	0.16897
30	16.973	17.14	17.365	0.10309	17.177	17.387	17.505	0.11218	-0.032	0.2464	0.525	0.1742
50	16.973	17.14	17.365	0.10309	17.178	17.417	17.597	0.14825	-0.001	0.2767	0.589	0.19134
100	17.042	17.164	17.345	0.11225	17.222	17.522	17.759	0.21813	-0.017	0.35788	0.713	0.26703

Device Test: 19.0 tsr_EN1_Rising/EN1/1.6/3/0/0/0/@EN_SLEW_RATE_RISE





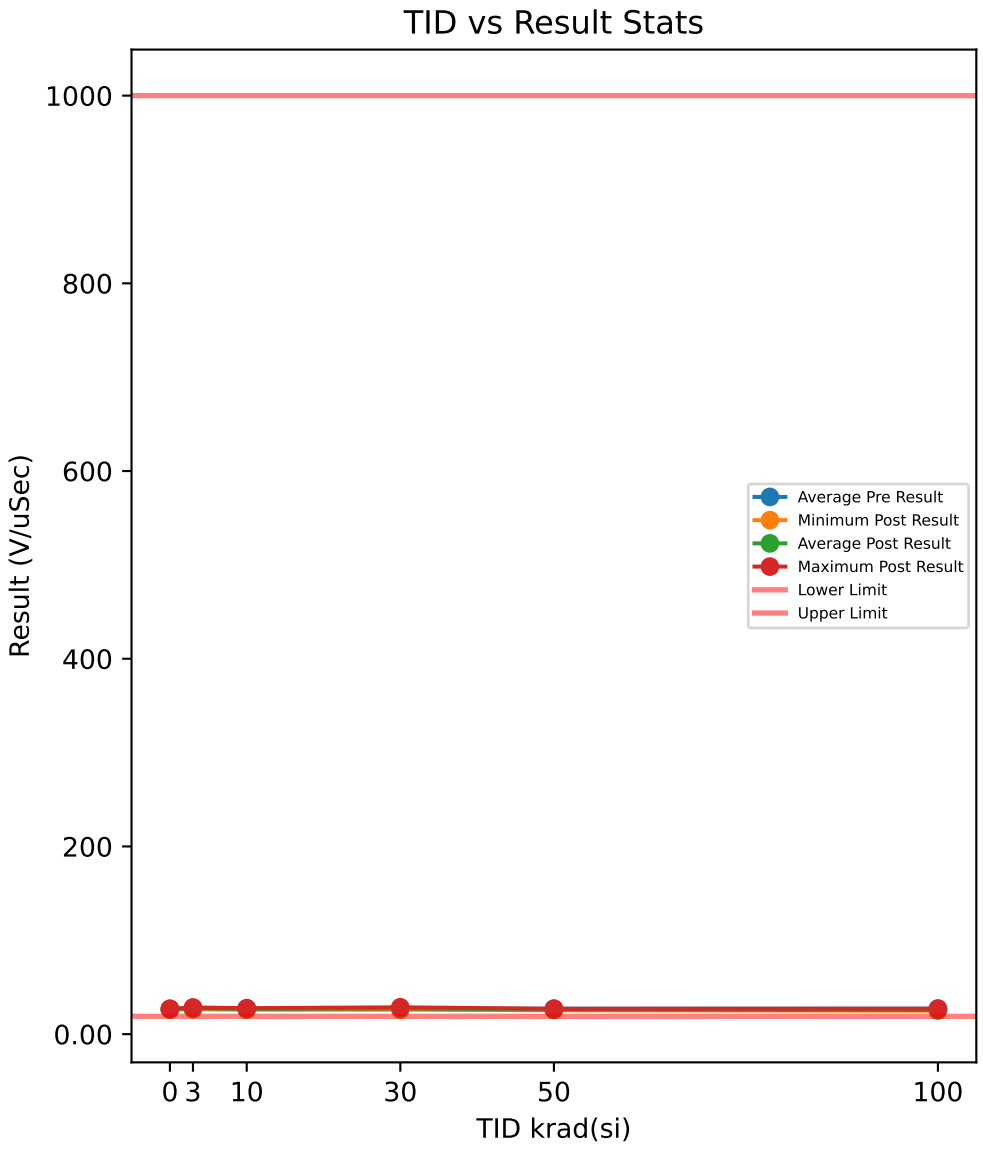
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

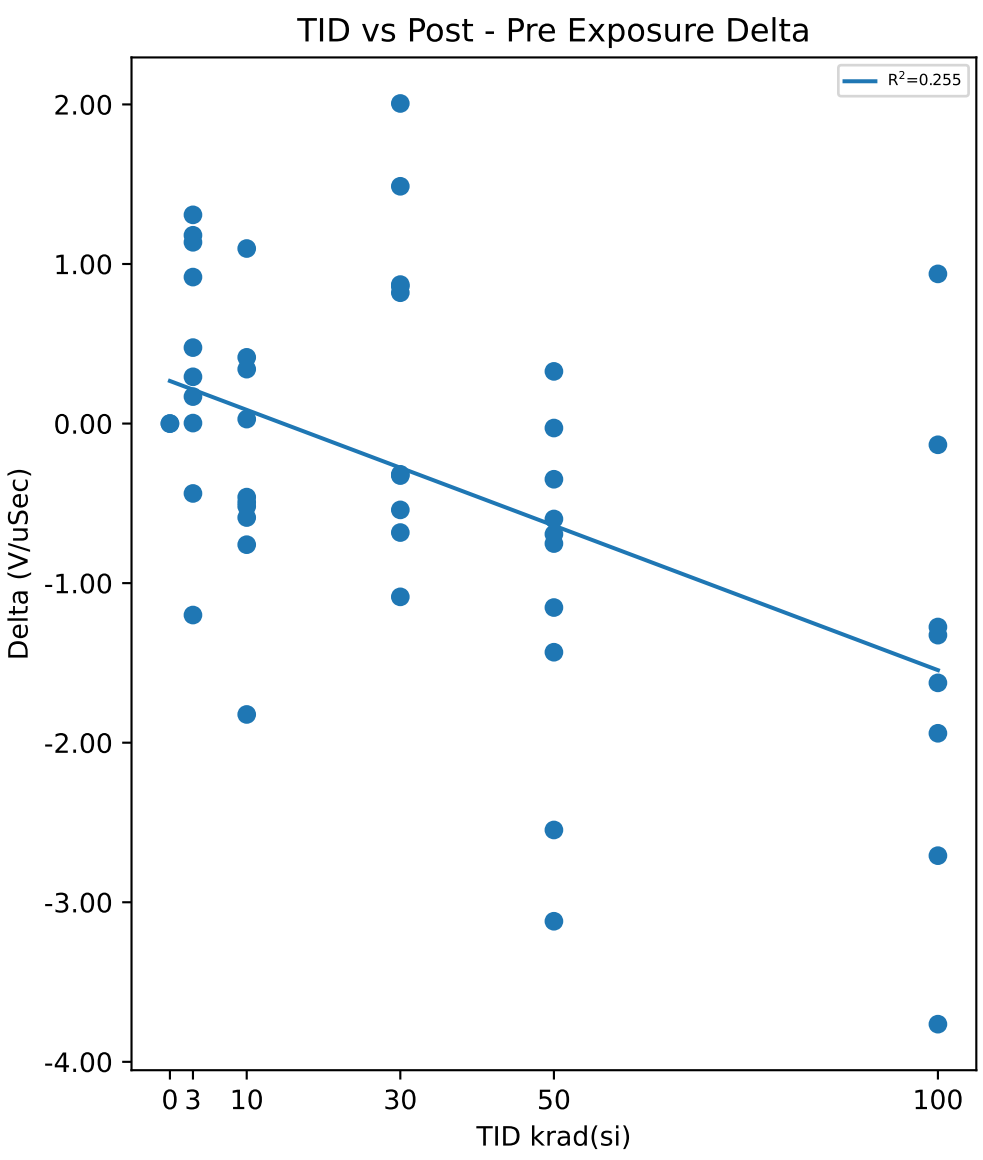
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.999	26.999	0
7	0	Correlation	27.546	27.546	0
16	3	LDR-Biased	26.577	27.178	0.601
18	3	LDR-Biased	27.449	26.523	-0.926
19	3	LDR-Biased	27.325	27.622	0.297
20	3	LDR-Biased	26.951	27.281	0.33
21	3	LDR-Biased	26.768	26.833	0.065
22	3	LDR-Unbiased	26.444	26.85	0.406
23	3	LDR-Unbiased	27.373	26.828	-0.545
25	3	LDR-Unbiased	28.126	27.366	-0.76
26	3	LDR-Unbiased	27.529	26.677	-0.852
27	3	LDR-Unbiased	26.469	26.885	0.416
46	10	LDR-Biased	26.577	27.07	0.493
48	10	LDR-Biased	27.449	26.399	-1.05
49	10	LDR-Biased	27.325	26.101	-1.224
50	10	LDR-Biased	26.951	26.811	-0.14
51	10	LDR-Biased	26.768	26.78	0.012
52	10	LDR-Unbiased	26.444	26.017	-0.427
53	10	LDR-Unbiased	27.373	26.215	-1.158
55	10	LDR-Unbiased	28.126	27.829	-0.297
56	10	LDR-Unbiased	27.529	27.576	0.047
57	10	LDR-Unbiased	26.469	27.504	1.035
76	30	LDR-Biased	26.577	26.931	0.354
78	30	LDR-Biased	27.449	27.071	-0.378
79	30	LDR-Biased	27.325	26.706	-0.619
80	30	LDR-Biased	26.951	27.394	0.443
81	30	LDR-Biased	26.768	27.021	0.253
82	30	LDR-Unbiased	26.444	26.444	0
83	30	LDR-Unbiased	27.373	27.144	-0.229
84	30	LDR-Unbiased	26.469	26.138	-0.331
85	30	LDR-Unbiased	28.126	27.4	-0.726
86	30	LDR-Unbiased	27.529	26.225	-1.304
87	100	LDR-Biased	27.679	25.489	-2.19
88	100	LDR-Biased	27.08	26.386	-0.694
90	100	LDR-Biased	26.796	27.164	0.368
91	100	LDR-Unbiased	26.317	24.872	-1.445
93	100	LDR-Unbiased	27.258	24.931	-2.327
94	100	LDR-Unbiased	26.489	25.095	-1.394
95	100	LDR-Unbiased	27.093	26.077	-1.016
96	100	LDR-Unbiased	26.479	25.04	-1.439
106	50	LDR-Biased	26.577	26.735	0.158
108	50	LDR-Biased	27.449	25.357	-2.092
109	50	LDR-Biased	27.325	26.427	-0.898
110	50	LDR-Biased	26.951	25.655	-1.296
111	50	LDR-Biased	26.768	26.107	-0.661
112	50	LDR-Unbiased	26.444	26.004	-0.44
113	50	LDR-Unbiased	27.373	26.155	-1.218
115	50	LDR-Unbiased	28.126	26.646	-1.48
116	50	LDR-Unbiased	27.529	25.532	-1.997
117	50	LDR-Unbiased	26.469	26.607	0.138

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.999	27.273	27.546	0.38679	26.999	27.273	27.546	0.38679	0	0	0	0
3	26.444	27.101	28.126	0.54956	26.523	27.004	27.622	0.3426	-0.926	-0.0968	0.601	0.60229
10	26.444	27.101	28.126	0.54956	26.017	26.83	27.829	0.65198	-1.224	-0.2709	1.035	0.7314
30	26.444	27.101	28.126	0.54956	26.138	26.847	27.4	0.4537	-1.304	-0.2537	0.443	0.54339
50	26.444	27.101	28.126	0.54956	25.357	26.123	26.735	0.48822	-2.092	-0.9786	0.158	0.79038
100	26.317	26.899	27.679	0.46314	24.872	25.632	27.164	0.83168	-2.327	-1.2671	0.368	0.85503

Device Test: 19.1 tsr_EN2_Rising/EN2/1.6/3/0/0/0/@EN_SLEW_RATE_RISE





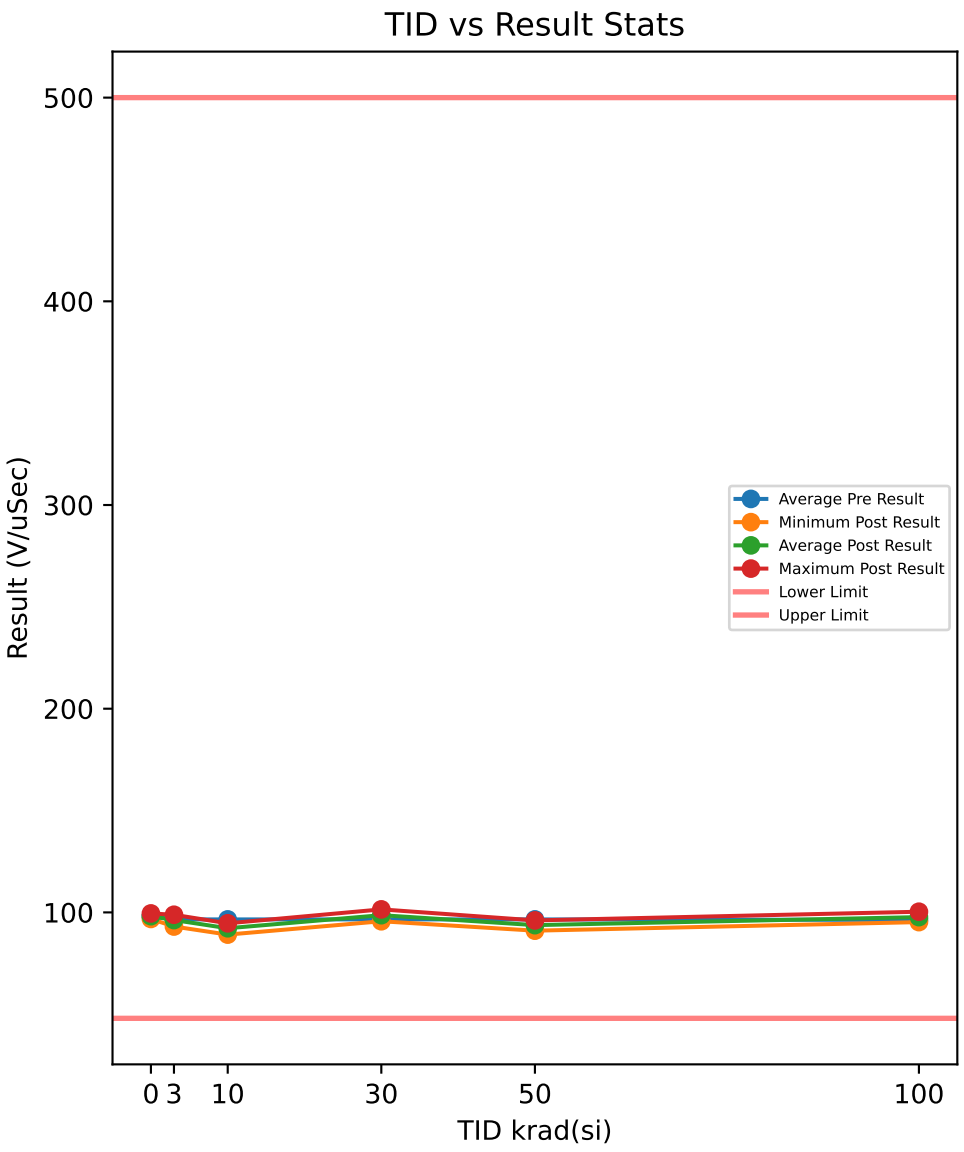
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.108	26.108	0
7	0	Correlation	27.115	27.115	0
16	3	LDR-Biased	26.511	27.819	1.308
18	3	LDR-Biased	26.691	27.827	1.136
19	3	LDR-Biased	28.138	28.431	0.293
20	3	LDR-Biased	26.517	26.52	0.003
21	3	LDR-Biased	27.074	27.55	0.476
22	3	LDR-Unbiased	26.612	26.781	0.169
23	3	LDR-Unbiased	28.745	27.545	-1.2
25	3	LDR-Unbiased	26.566	27.484	0.918
26	3	LDR-Unbiased	26.787	27.967	1.18
27	3	LDR-Unbiased	27.278	26.84	-0.438
46	10	LDR-Biased	26.511	27.608	1.097
48	10	LDR-Biased	26.691	26.23	-0.461
49	10	LDR-Biased	28.138	27.549	-0.589
50	10	LDR-Biased	26.517	25.998	-0.519
51	10	LDR-Biased	27.074	26.315	-0.759
52	10	LDR-Unbiased	26.612	26.119	-0.493
53	10	LDR-Unbiased	28.745	26.922	-1.823
55	10	LDR-Unbiased	26.566	26.907	0.341
56	10	LDR-Unbiased	26.787	26.815	0.028
57	10	LDR-Unbiased	27.278	27.693	0.415
76	30	LDR-Biased	26.511	27.371	0.86
78	30	LDR-Biased	26.691	26.008	-0.683
79	30	LDR-Biased	28.138	27.82	-0.318
80	30	LDR-Biased	26.517	27.388	0.871
81	30	LDR-Biased	27.074	28.561	1.487
82	30	LDR-Unbiased	26.612	28.618	2.006
83	30	LDR-Unbiased	28.745	28.419	-0.326
84	30	LDR-Unbiased	27.278	26.192	-1.086
85	30	LDR-Unbiased	26.566	26.025	-0.541
86	30	LDR-Unbiased	26.787	27.607	0.82
87	100	LDR-Biased	27.858	25.15	-2.708
88	100	LDR-Biased	26.617	26.484	-0.133
90	100	LDR-Biased	26.206	27.144	0.938
91	100	LDR-Unbiased	27.989	26.048	-1.941
93	100	LDR-Unbiased	28.734	24.97	-3.764
94	100	LDR-Unbiased	26.418	25.092	-1.326
95	100	LDR-Unbiased	26.519	25.244	-1.275
96	100	LDR-Unbiased	26.822	25.197	-1.625
106	50	LDR-Biased	26.511	25.759	-0.752
108	50	LDR-Biased	26.691	26.342	-0.349
109	50	LDR-Biased	28.138	25.591	-2.547
110	50	LDR-Biased	26.517	26.844	0.327
111	50	LDR-Biased	27.074	27.046	-0.028
112	50	LDR-Unbiased	26.612	25.459	-1.153
113	50	LDR-Unbiased	28.745	25.626	-3.119
115	50	LDR-Unbiased	26.566	25.873	-0.693
116	50	LDR-Unbiased	26.787	26.189	-0.598
117	50	LDR-Unbiased	27.278	25.845	-1.433

Test Statistics (V/uSec)

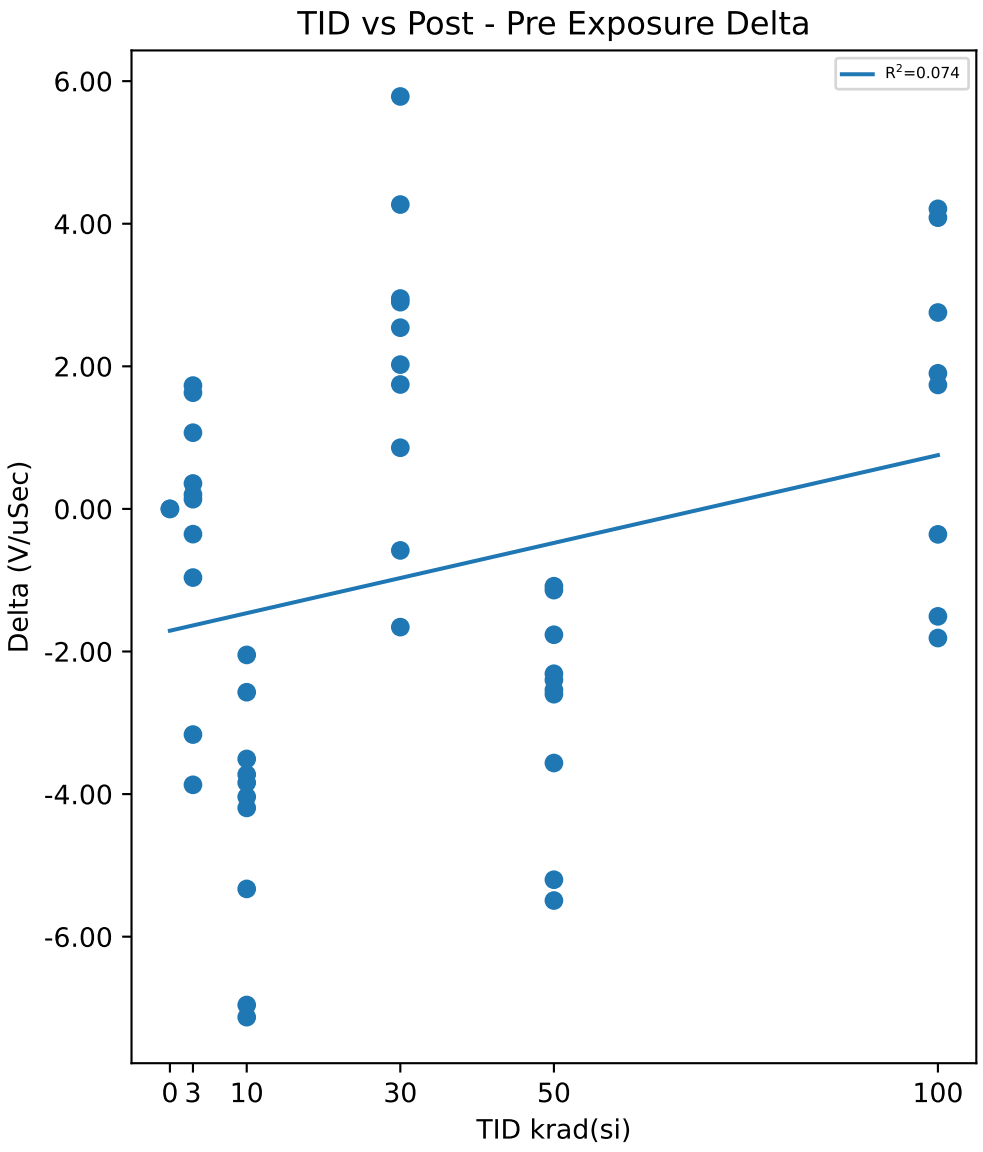
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.108	26.611	27.115	0.71206	26.108	26.611	27.115	0.71206	0	0	0	0
3	26.511	27.092	28.745	0.76671	26.52	27.476	28.431	0.59682	-1.2	0.3845	1.308	0.79798
10	26.511	27.092	28.745	0.76671	25.998	26.816	27.693	0.6414	-1.823	-0.2763	1.097	0.79586
30	26.511	27.092	28.745	0.76671	26.008	27.401	28.618	1.0208	-1.086	0.309	2.006	1.0326
50	26.511	27.092	28.745	0.76671	25.459	26.057	27.046	0.53999	-3.119	-1.0345	0.327	1.0816
100	26.206	27.145	28.734	0.92047	24.97	25.666	27.144	0.7998	-3.764	-1.4793	0.938	1.4484

Device Test: 19.10 tsr_PWRGD_Falling/PWRGD/1.6/3/0/0/0/@PWRGD_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

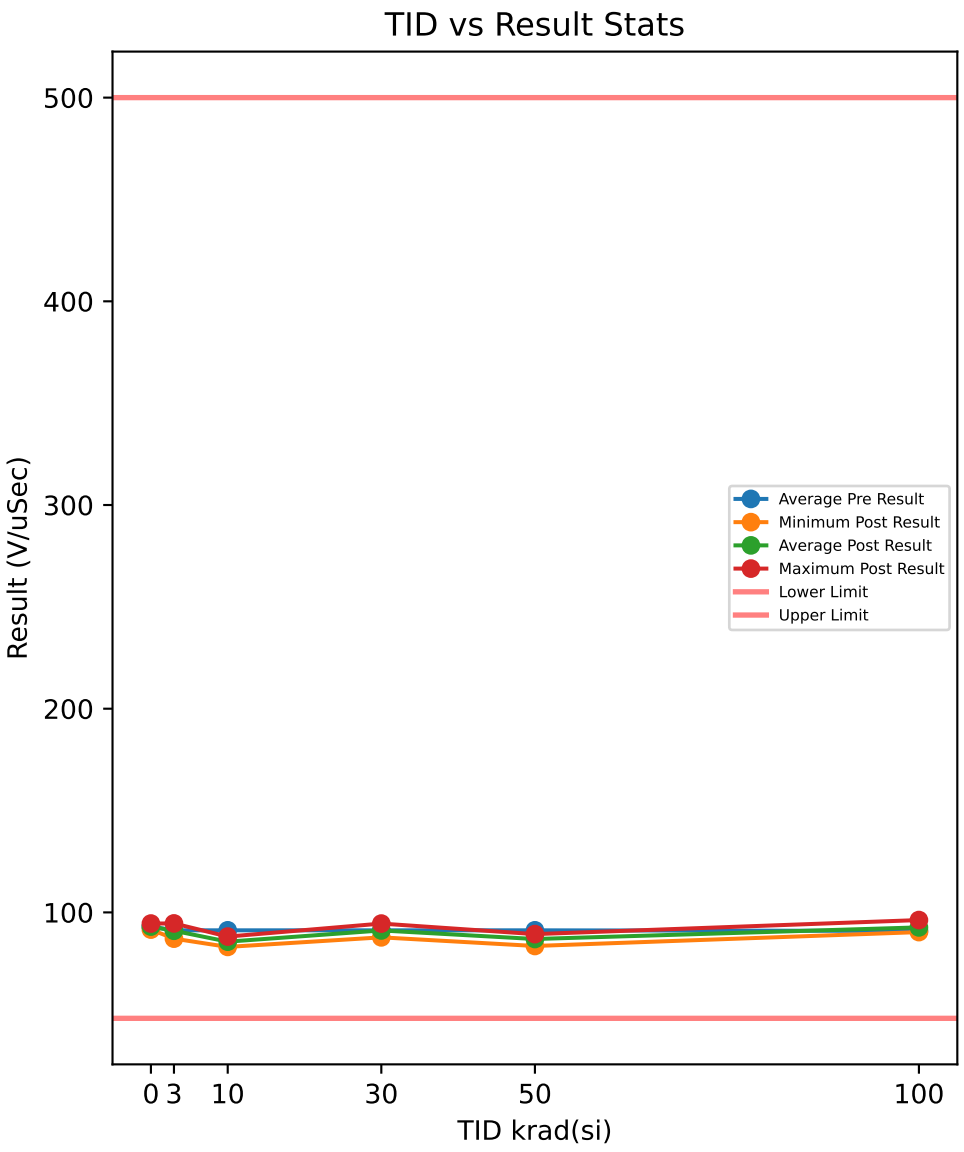
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	96.792	96.792	0
7	0	Correlation	99.492	99.492	0
16	3	LDR-Biased	98.159	97.805	-0.354
18	3	LDR-Biased	95.323	97.053	1.73
19	3	LDR-Biased	97.494	93.624	-3.87
20	3	LDR-Biased	95.725	95.861	0.136
21	3	LDR-Biased	96.23	93.065	-3.165
22	3	LDR-Unbiased	96.949	98.018	1.069
23	3	LDR-Unbiased	96.388	96.745	0.357
25	3	LDR-Unbiased	97.212	98.842	1.63
26	3	LDR-Unbiased	97.32	97.521	0.201
27	3	LDR-Unbiased	94.79	93.827	-0.963
46	10	LDR-Biased	98.159	93.965	-4.194
48	10	LDR-Biased	95.323	93.275	-2.048
49	10	LDR-Biased	97.494	90.536	-6.958
50	10	LDR-Biased	95.725	91.885	-3.84
51	10	LDR-Biased	96.23	89.101	-7.129
52	10	LDR-Unbiased	96.949	93.442	-3.507
53	10	LDR-Unbiased	96.388	92.663	-3.725
55	10	LDR-Unbiased	97.212	94.641	-2.571
56	10	LDR-Unbiased	97.32	93.282	-4.038
57	10	LDR-Unbiased	94.79	89.46	-5.33
76	30	LDR-Biased	98.159	100.18	2.024
78	30	LDR-Biased	95.323	101.11	5.785
79	30	LDR-Biased	97.494	95.836	-1.658
80	30	LDR-Biased	95.725	97.47	1.745
81	30	LDR-Biased	96.23	95.648	-0.582
82	30	LDR-Unbiased	96.949	99.849	2.9
83	30	LDR-Unbiased	96.388	98.93	2.542
84	30	LDR-Unbiased	94.79	95.648	0.858
85	30	LDR-Unbiased	97.212	101.48	4.269
86	30	LDR-Unbiased	97.32	100.27	2.951
87	100	LDR-Biased	95.587	99.672	4.085
88	100	LDR-Biased	97.401	95.59	-1.811
90	100	LDR-Biased	95.594	95.237	-0.357
91	100	LDR-Unbiased	97.327	100.08	2.755
93	100	LDR-Unbiased	96.12	100.33	4.209
94	100	LDR-Unbiased	97.413	95.906	-1.507
95	100	LDR-Unbiased	96.086	97.825	1.739
96	100	LDR-Unbiased	94.942	96.844	1.902
106	50	LDR-Biased	98.159	95.621	-2.538
108	50	LDR-Biased	95.323	94.239	-1.084
109	50	LDR-Biased	97.494	92.001	-5.493
110	50	LDR-Biased	95.725	93.413	-2.312
111	50	LDR-Biased	96.23	91.029	-5.201
112	50	LDR-Unbiased	96.949	95.184	-1.765
113	50	LDR-Unbiased	96.388	93.989	-2.399
115	50	LDR-Unbiased	97.212	96.073	-1.139
116	50	LDR-Unbiased	97.32	94.721	-2.599
117	50	LDR-Unbiased	94.79	91.226	-3.564

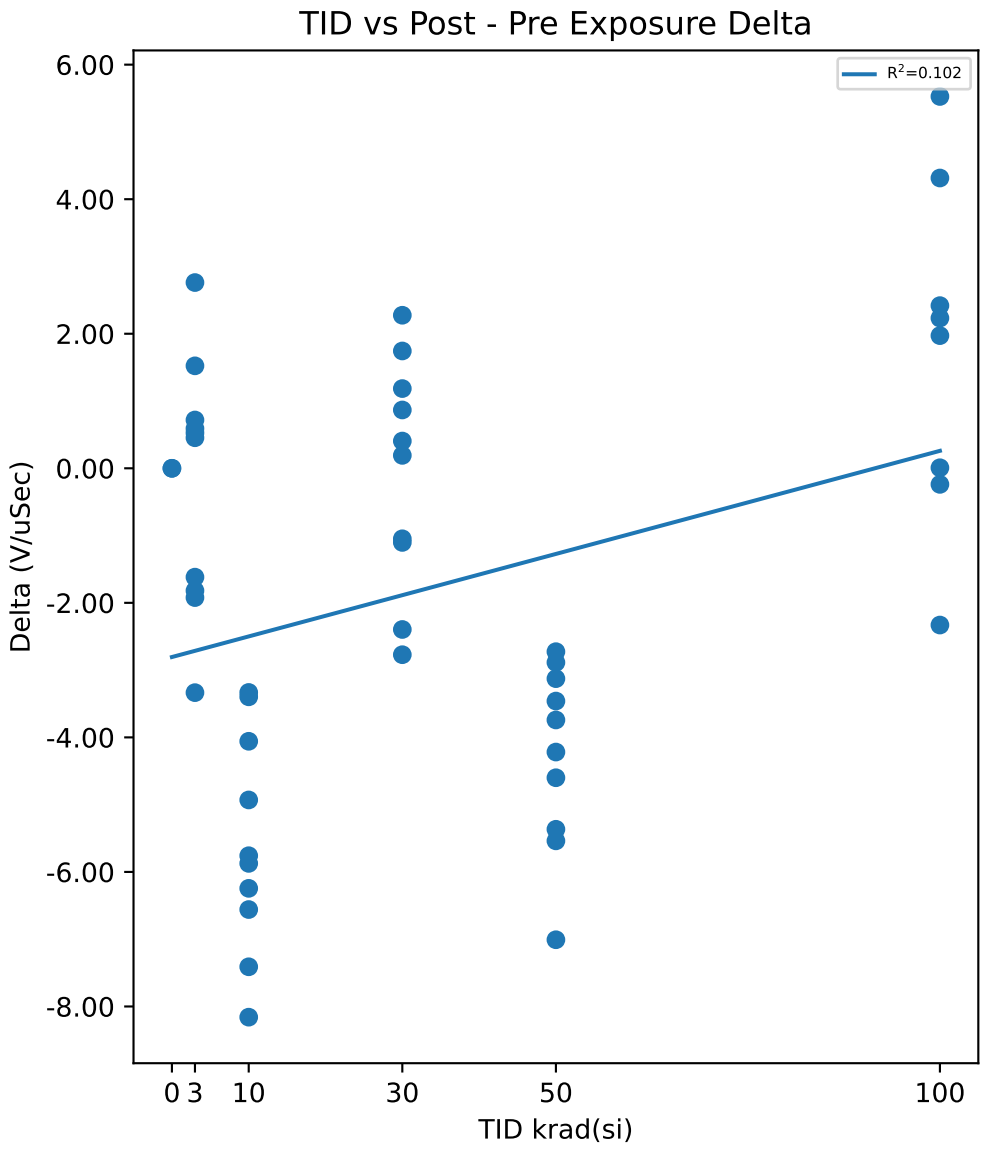


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	96.792	98.142	99.492	1.9092	96.792	98.142	99.492	1.9092	0	0	0	0
3	94.79	96.559	98.159	1.0584	93.065	96.236	98.842	2.0501	-3.87	-0.3229	1.73	1.8851
10	94.79	96.559	98.159	1.0584	89.101	92.225	94.641	1.9186	-7.129	-4.334	-2.048	1.6809
30	94.79	96.559	98.159	1.0584	95.648	98.642	101.48	2.3066	-1.658	2.0834	5.785	2.1815
50	94.79	96.559	98.159	1.0584	91.029	93.75	96.073	1.7994	-5.493	-2.8094	-1.084	1.5233
100	94.942	96.309	97.413	0.95874	95.237	97.686	100.33	2.103	-1.811	1.3769	4.209	2.3648

Device Test: 19.11 tsr_SEQ_Falling/SEQ_DONE/1.6/3/0/0/0/@SEQ_DONE_SLEW_RATE_FALL





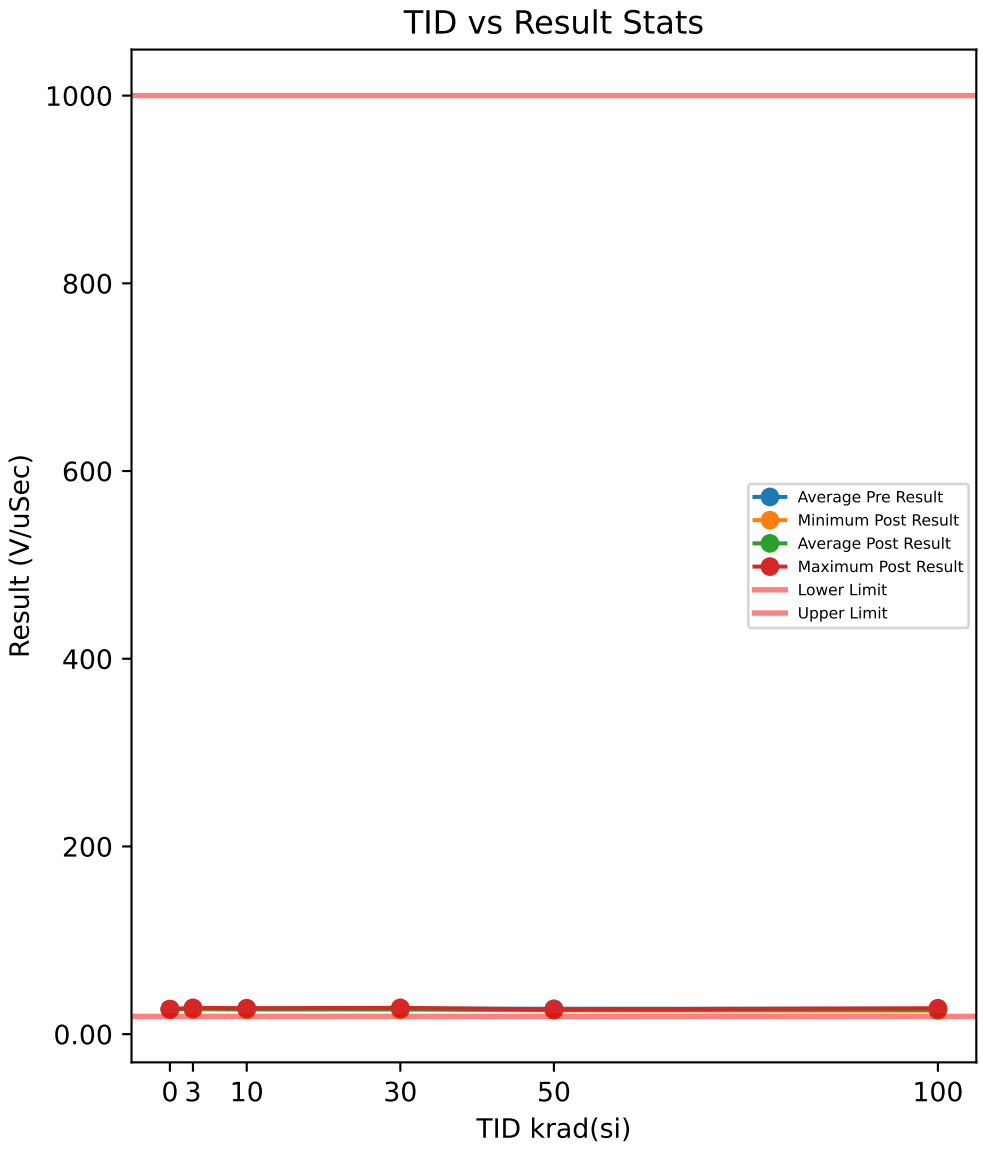
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	91.562	91.562	0
7	0	Correlation	94.528	94.528	0
16	3	LDR-Biased	92.225	92.816	0.591
18	3	LDR-Biased	90.449	91.972	1.523
19	3	LDR-Biased	91.432	88.097	-3.335
20	3	LDR-Biased	89.677	90.204	0.527
21	3	LDR-Biased	90.525	88.907	-1.618
22	3	LDR-Unbiased	92.188	92.642	0.454
23	3	LDR-Unbiased	91.46	92.178	0.718
25	3	LDR-Unbiased	91.825	94.586	2.761
26	3	LDR-Unbiased	93.326	91.404	-1.922
27	3	LDR-Unbiased	88.935	87.116	-1.819
46	10	LDR-Biased	92.225	85.981	-6.244
48	10	LDR-Biased	90.449	87.117	-3.332
49	10	LDR-Biased	91.432	84.022	-7.41
50	10	LDR-Biased	89.677	86.28	-3.397
51	10	LDR-Biased	90.525	83.966	-6.559
52	10	LDR-Unbiased	92.188	88.13	-4.058
53	10	LDR-Unbiased	91.46	85.701	-5.759
55	10	LDR-Unbiased	91.825	86.895	-4.93
56	10	LDR-Unbiased	93.326	85.167	-8.159
57	10	LDR-Unbiased	88.935	83.062	-5.873
76	30	LDR-Biased	92.225	93.969	1.744
78	30	LDR-Biased	90.449	90.641	0.192
79	30	LDR-Biased	91.432	89.036	-2.396
80	30	LDR-Biased	89.677	90.544	0.867
81	30	LDR-Biased	90.525	87.754	-2.771
82	30	LDR-Unbiased	92.188	92.593	0.405
83	30	LDR-Unbiased	91.46	90.358	-1.102
84	30	LDR-Unbiased	88.935	87.887	-1.048
85	30	LDR-Unbiased	91.825	94.1	2.275
86	30	LDR-Unbiased	93.326	94.511	1.185
87	100	LDR-Biased	90.46	92.878	2.418
88	100	LDR-Biased	92.882	90.552	-2.33
90	100	LDR-Biased	90.574	90.335	-0.239
91	100	LDR-Unbiased	91.794	94.027	2.233
93	100	LDR-Unbiased	90.713	96.24	5.527
94	100	LDR-Unbiased	90.665	90.673	0.008
95	100	LDR-Unbiased	89.206	93.521	4.315
96	100	LDR-Unbiased	90.954	92.926	1.972
106	50	LDR-Biased	92.225	89.339	-2.886
108	50	LDR-Biased	90.449	86.708	-3.741
109	50	LDR-Biased	91.432	86.066	-5.366
110	50	LDR-Biased	89.677	86.55	-3.127
111	50	LDR-Biased	90.525	83.517	-7.008
112	50	LDR-Unbiased	92.188	88.728	-3.46
113	50	LDR-Unbiased	91.46	87.242	-4.218
115	50	LDR-Unbiased	91.825	89.099	-2.726
116	50	LDR-Unbiased	93.326	87.788	-5.538
117	50	LDR-Unbiased	88.935	84.335	-4.6

Test Statistics (V/uSec)

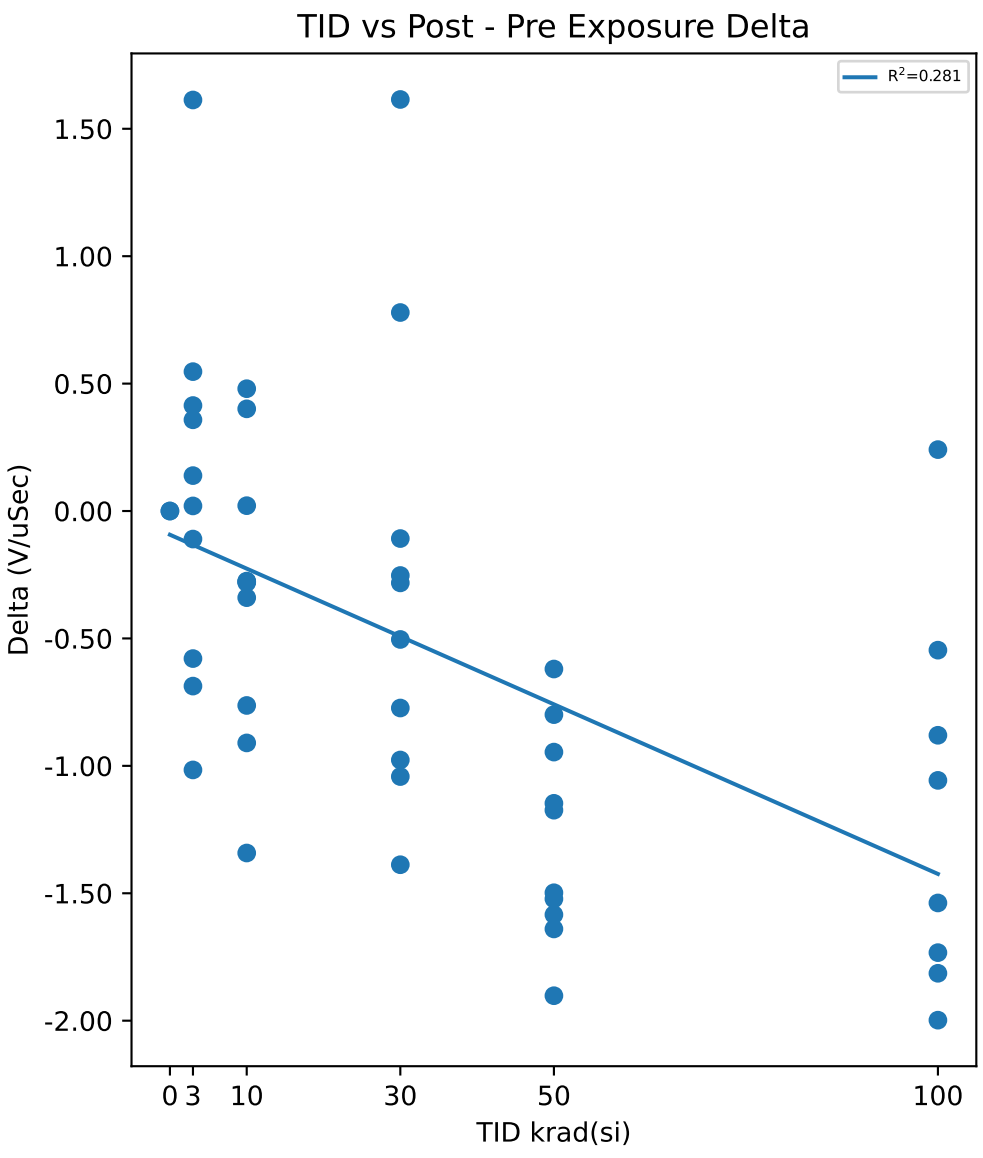
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	91.562	93.045	94.528	2.0973	91.562	93.045	94.528	2.0973	0	0	0	0
3	88.935	91.204	93.326	1.3135	87.116	90.992	94.586	2.3541	-3.335	-0.212	2.761	1.8733
10	88.935	91.204	93.326	1.3135	83.062	85.632	88.13	1.5908	-8.159	-5.5721	-3.332	1.6355
30	88.935	91.204	93.326	1.3135	87.754	91.139	94.511	2.537	-2.771	-0.0649	2.275	1.7083
50	88.935	91.204	93.326	1.3135	83.517	86.937	89.339	1.9407	-7.008	-4.267	-2.726	1.3727
100	89.206	90.906	92.882	1.0684	90.335	92.644	96.24	2.0473	-2.33	1.738	5.527	2.5414

Device Test: 19.12 tsr_EN1_Rising/EN1/1.6/14/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

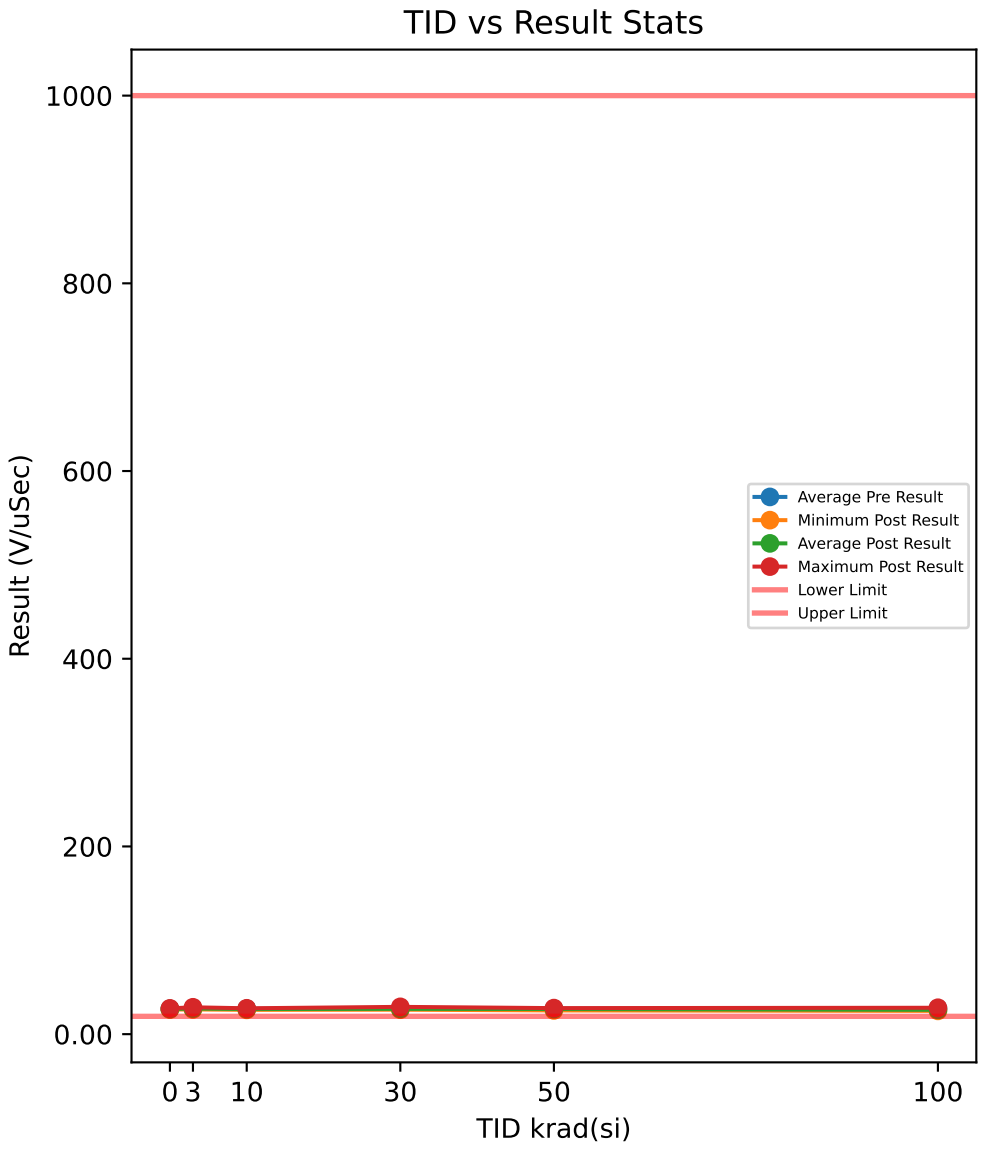
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.448	26.448	0
7	0	Correlation	26.677	26.677	0
16	3	LDR-Biased	26.763	26.653	-0.11
18	3	LDR-Biased	26.966	26.387	-0.579
19	3	LDR-Biased	27.527	27.666	0.139
20	3	LDR-Biased	26.438	28.051	1.613
21	3	LDR-Biased	27.474	27.888	0.414
22	3	LDR-Unbiased	27.367	27.725	0.358
23	3	LDR-Unbiased	26.63	27.177	0.547
25	3	LDR-Unbiased	27.253	27.273	0.02
26	3	LDR-Unbiased	27.089	26.402	-0.687
27	3	LDR-Unbiased	27.505	26.489	-1.016
46	10	LDR-Biased	26.763	26.482	-0.281
48	10	LDR-Biased	26.966	26.056	-0.91
49	10	LDR-Biased	27.527	27.187	-0.34
50	10	LDR-Biased	26.438	26.161	-0.277
51	10	LDR-Biased	27.474	26.132	-1.342
52	10	LDR-Unbiased	27.367	27.388	0.021
53	10	LDR-Unbiased	26.63	26.355	-0.275
55	10	LDR-Unbiased	27.253	27.654	0.401
56	10	LDR-Unbiased	27.089	27.569	0.48
57	10	LDR-Unbiased	27.505	26.742	-0.763
76	30	LDR-Biased	26.763	25.99	-0.773
78	30	LDR-Biased	26.966	25.989	-0.977
79	30	LDR-Biased	27.527	26.139	-1.388
80	30	LDR-Biased	26.438	28.053	1.615
81	30	LDR-Biased	27.474	27.221	-0.253
82	30	LDR-Unbiased	27.367	27.085	-0.282
83	30	LDR-Unbiased	26.63	27.409	0.779
84	30	LDR-Unbiased	27.505	27.001	-0.504
85	30	LDR-Unbiased	27.253	27.145	-0.108
86	30	LDR-Unbiased	27.089	26.047	-1.042
87	100	LDR-Biased	26.784	25.051	-1.733
88	100	LDR-Biased	27.289	26.743	-0.546
90	100	LDR-Biased	27.372	27.613	0.241
91	100	LDR-Unbiased	26.704	25.824	-0.88
93	100	LDR-Unbiased	27.671	25.673	-1.998
94	100	LDR-Unbiased	26.657	25.119	-1.538
95	100	LDR-Unbiased	26.982	25.168	-1.814
96	100	LDR-Unbiased	26.742	25.685	-1.057
106	50	LDR-Biased	26.763	25.817	-0.946
108	50	LDR-Biased	26.966	25.382	-1.584
109	50	LDR-Biased	27.527	26.353	-1.174
110	50	LDR-Biased	26.438	25.818	-0.62
111	50	LDR-Biased	27.474	25.976	-1.498
112	50	LDR-Unbiased	27.367	26.22	-1.147
113	50	LDR-Unbiased	26.63	25.831	-0.799
115	50	LDR-Unbiased	27.253	25.731	-1.522
116	50	LDR-Unbiased	27.089	25.449	-1.64
117	50	LDR-Unbiased	27.505	25.603	-1.902



Test Statistics (V/uSec)

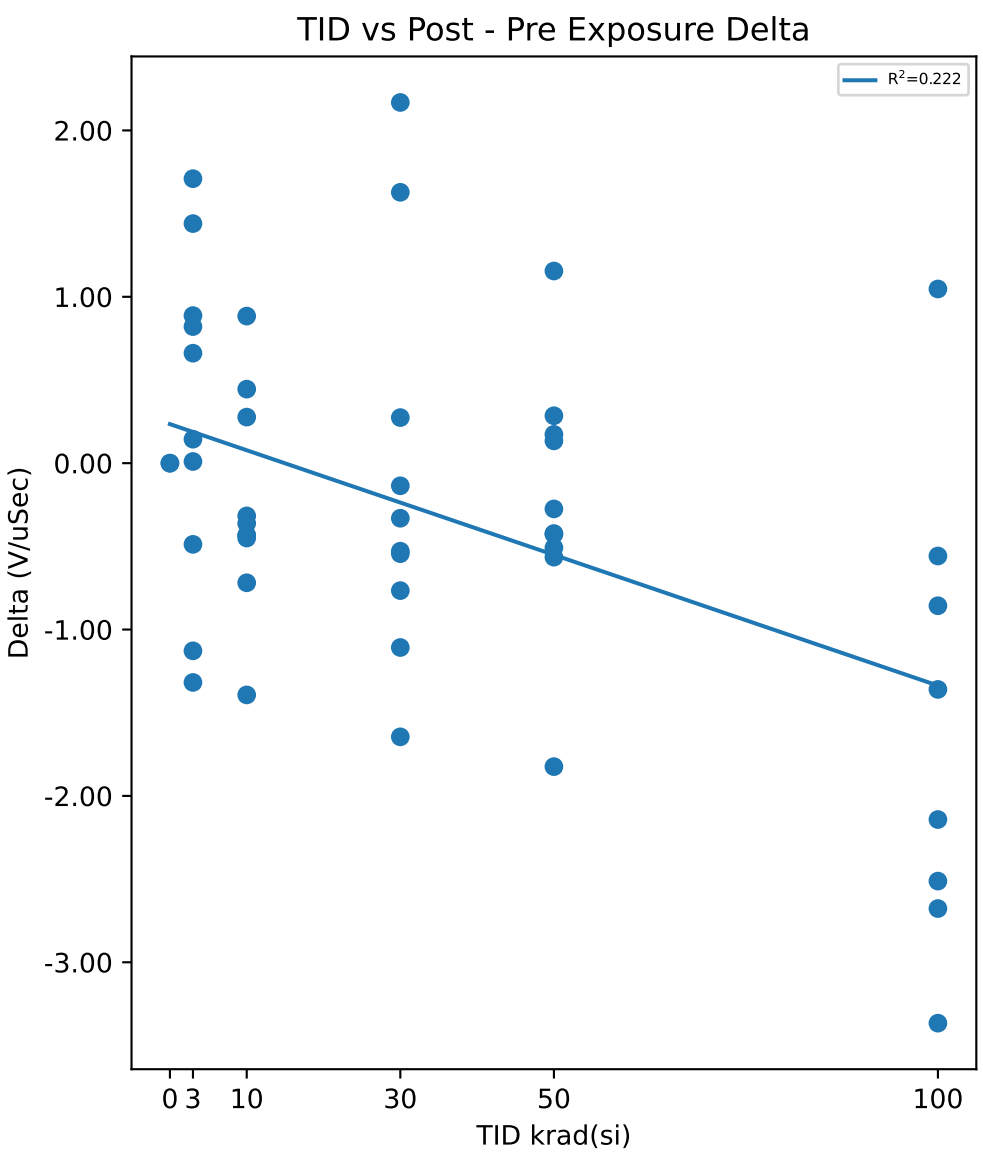
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.448	26.562	26.677	0.16193	26.448	26.562	26.677	0.16193	0	0	0	0
3	26.438	27.101	27.527	0.3904	26.387	27.171	28.051	0.64896	-1.016	0.0699	1.613	0.74707
10	26.438	27.101	27.527	0.3904	26.056	26.773	27.654	0.62532	-1.342	-0.3286	0.48	0.5647
30	26.438	27.101	27.527	0.3904	25.989	26.808	28.053	0.7208	-1.388	-0.2933	1.615	0.90237
50	26.438	27.101	27.527	0.3904	25.382	25.818	26.353	0.30786	-1.902	-1.2832	-0.62	0.41128
100	26.657	27.025	27.671	0.37529	25.051	25.86	27.613	0.89459	-1.998	-1.1656	0.241	0.75873

Device Test: 19.13 tsr_EN2_Rising/EN2/1.6/14/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

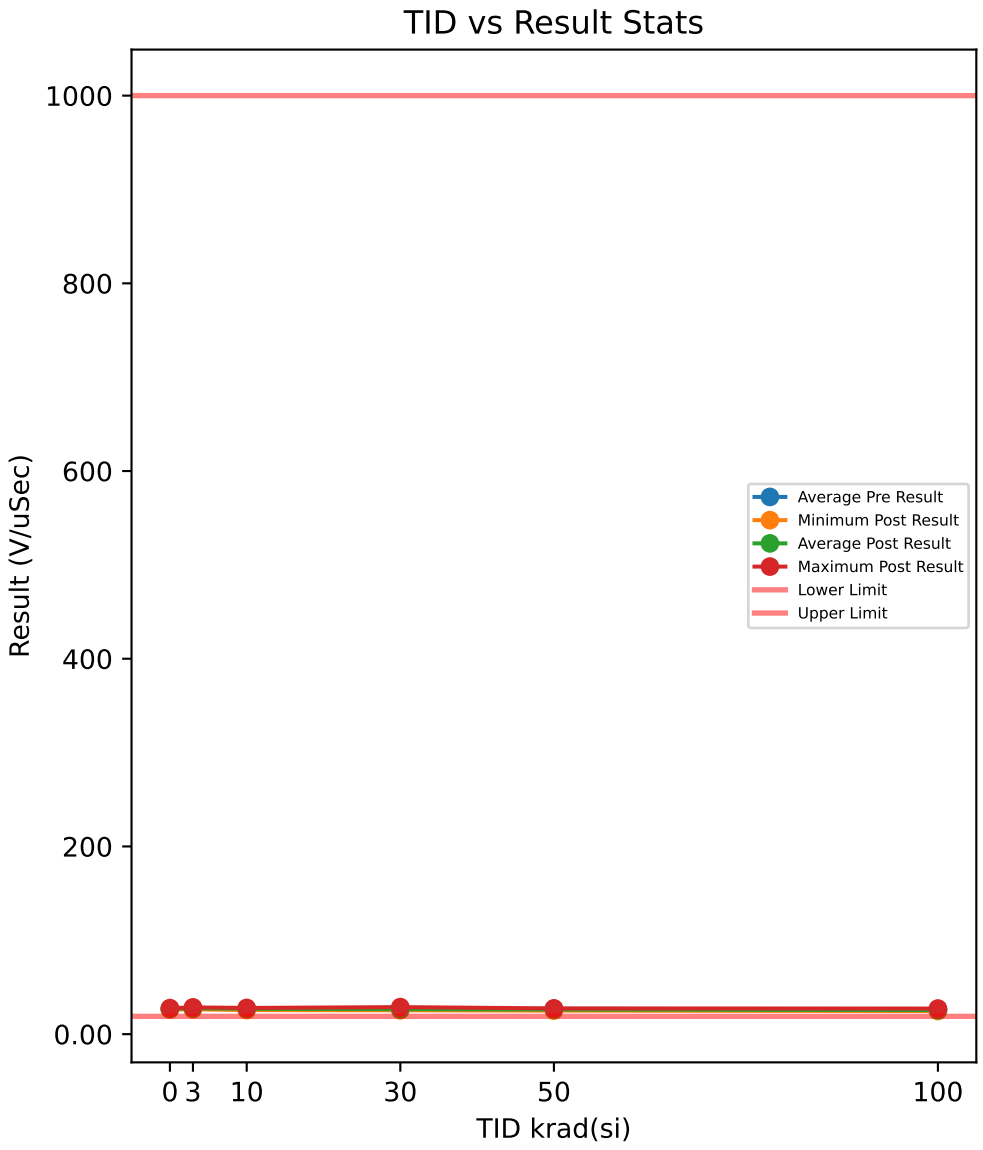
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.194	26.194	0
7	0	Correlation	27.474	27.474	0
16	3	LDR-Biased	27.767	26.449	-1.318
18	3	LDR-Biased	26.686	28.126	1.44
19	3	LDR-Biased	27.231	27.241	0.01
20	3	LDR-Biased	26.601	27.262	0.661
21	3	LDR-Biased	26.919	28.629	1.71
22	3	LDR-Unbiased	26.192	26.336	0.144
23	3	LDR-Unbiased	26.855	27.676	0.821
25	3	LDR-Unbiased	27.773	26.645	-1.128
26	3	LDR-Unbiased	27.021	26.533	-0.488
27	3	LDR-Unbiased	27.091	27.978	0.887
46	10	LDR-Biased	27.767	26.374	-1.393
48	10	LDR-Biased	26.686	27.57	0.884
49	10	LDR-Biased	27.231	26.869	-0.362
50	10	LDR-Biased	26.601	25.882	-0.719
51	10	LDR-Biased	26.919	26.485	-0.434
52	10	LDR-Unbiased	26.192	26.637	0.445
53	10	LDR-Unbiased	26.855	26.422	-0.433
55	10	LDR-Unbiased	27.773	27.323	-0.45
56	10	LDR-Unbiased	27.021	27.298	0.277
57	10	LDR-Unbiased	27.091	26.774	-0.317
76	30	LDR-Biased	27.767	27.238	-0.529
78	30	LDR-Biased	26.686	26.142	-0.544
79	30	LDR-Biased	27.231	26.123	-1.108
80	30	LDR-Biased	26.601	28.229	1.628
81	30	LDR-Biased	26.919	29.087	2.168
82	30	LDR-Unbiased	26.192	26.056	-0.136
83	30	LDR-Unbiased	26.855	26.524	-0.331
84	30	LDR-Unbiased	27.091	26.325	-0.766
85	30	LDR-Unbiased	27.773	26.128	-1.645
86	30	LDR-Unbiased	27.021	27.295	0.274
87	100	LDR-Biased	28.364	25.852	-2.512
88	100	LDR-Biased	27.588	27.03	-0.558
90	100	LDR-Biased	27.083	28.13	1.047
91	100	LDR-Unbiased	27.077	25.717	-1.36
93	100	LDR-Unbiased	27.165	25.023	-2.142
94	100	LDR-Unbiased	26.296	25.439	-0.857
95	100	LDR-Unbiased	27.96	25.283	-2.677
96	100	LDR-Unbiased	28.16	24.794	-3.366
106	50	LDR-Biased	27.767	27.34	-0.427
108	50	LDR-Biased	26.686	26.82	0.134
109	50	LDR-Biased	27.231	26.956	-0.275
110	50	LDR-Biased	26.601	27.756	1.155
111	50	LDR-Biased	26.919	27.092	0.173
112	50	LDR-Unbiased	26.192	25.769	-0.423
113	50	LDR-Unbiased	26.855	27.14	0.285
115	50	LDR-Unbiased	27.773	27.265	-0.508
116	50	LDR-Unbiased	27.021	26.456	-0.565
117	50	LDR-Unbiased	27.091	25.267	-1.824



Test Statistics (V/uSec)

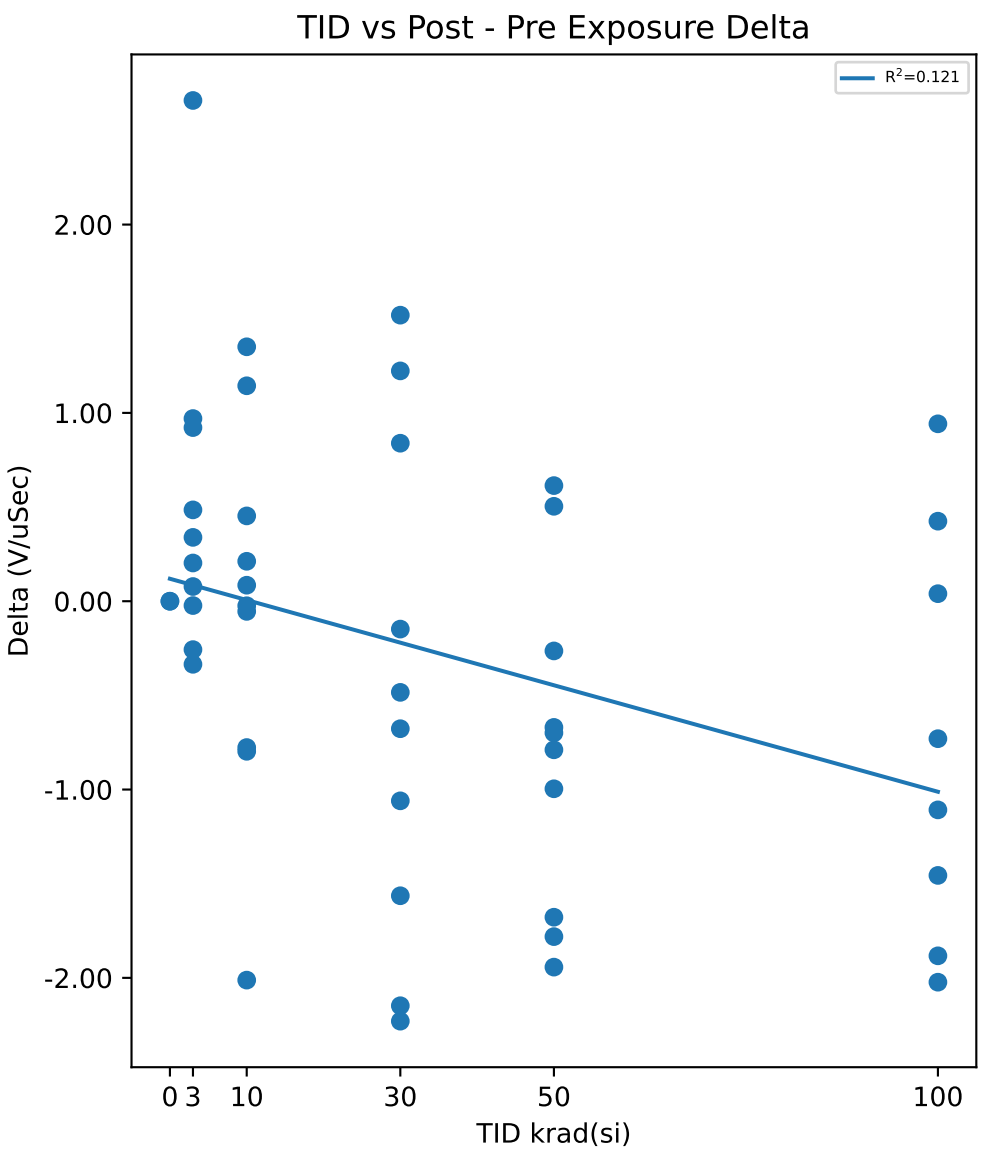
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.194	26.834	27.474	0.9051	26.194	26.834	27.474	0.9051	0	0	0	0
3	26.192	27.014	27.773	0.49265	26.336	27.288	28.629	0.79748	-1.318	0.2739	1.71	1.0227
10	26.192	27.014	27.773	0.49265	25.882	26.763	27.57	0.51633	-1.393	-0.2502	0.884	0.64096
30	26.192	27.014	27.773	0.49265	26.056	26.915	29.087	1.0422	-1.645	-0.0989	2.168	1.181
50	26.192	27.014	27.773	0.49265	25.267	26.786	27.756	0.75842	-1.824	-0.2275	1.155	0.76643
100	26.296	27.462	28.364	0.68706	24.794	25.909	28.13	1.1257	-3.366	-1.5531	1.047	1.4187

Device Test: 19.14 tsr_EN3_Rising/EN3/1.6/14/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

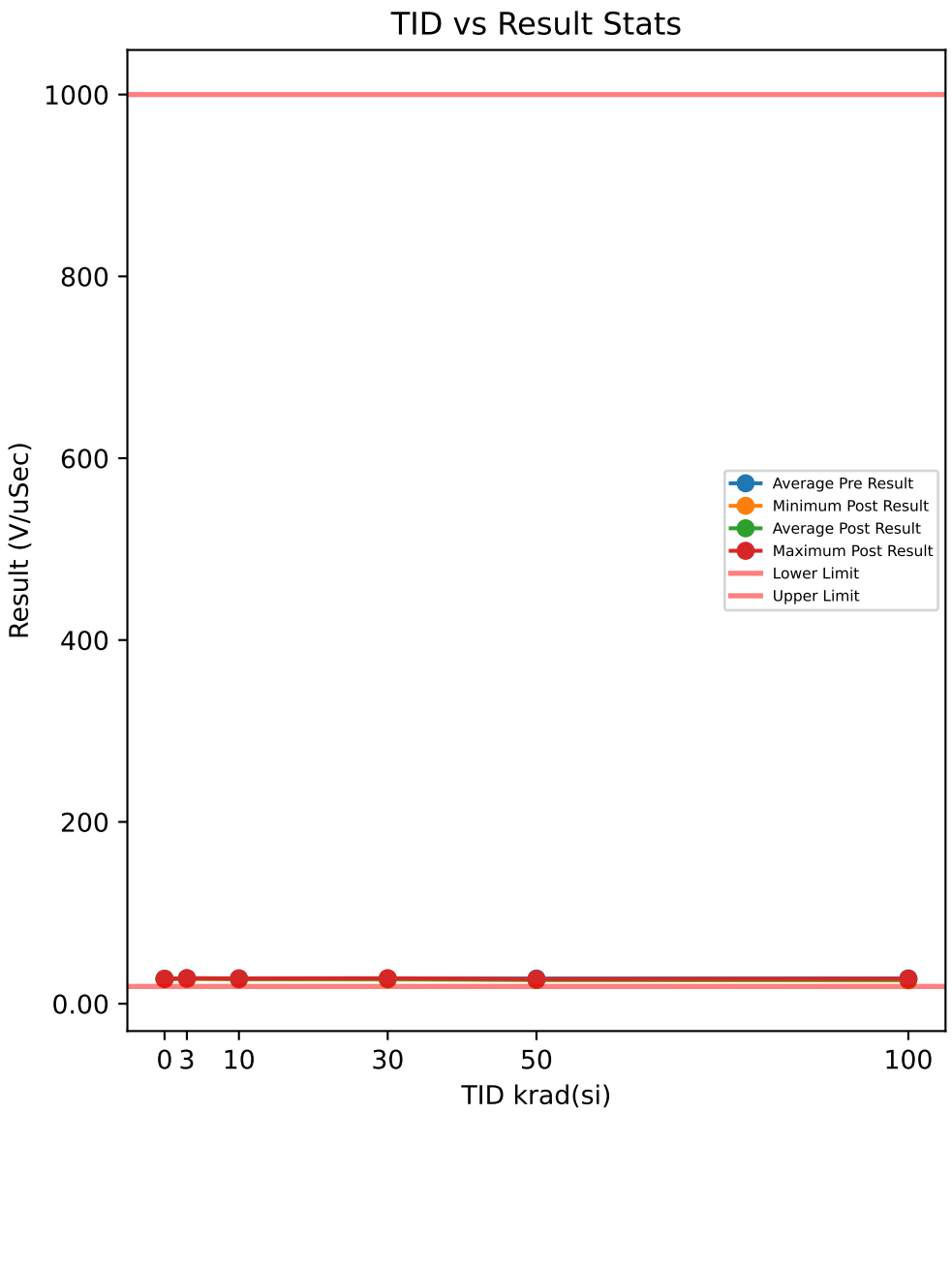
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.218	26.218	0
7	0	Correlation	27.724	27.724	0
16	3	LDR-Biased	28.108	27.851	-0.257
18	3	LDR-Biased	27.173	27.251	0.078
19	3	LDR-Biased	27.658	27.861	0.203
20	3	LDR-Biased	25.972	26.457	0.485
21	3	LDR-Biased	26.594	27.516	0.922
22	3	LDR-Unbiased	27.3	27.639	0.339
23	3	LDR-Unbiased	27.741	27.718	-0.023
25	3	LDR-Unbiased	27.167	26.832	-0.335
26	3	LDR-Unbiased	25.866	28.525	2.659
27	3	LDR-Unbiased	26.743	27.713	0.97
46	10	LDR-Biased	28.108	27.331	-0.777
48	10	LDR-Biased	27.173	27.258	0.085
49	10	LDR-Biased	27.658	25.646	-2.012
50	10	LDR-Biased	25.972	26.425	0.453
51	10	LDR-Biased	26.594	27.945	1.351
52	10	LDR-Unbiased	27.3	27.246	-0.054
53	10	LDR-Unbiased	27.741	27.953	0.212
55	10	LDR-Unbiased	27.167	27.143	-0.024
56	10	LDR-Unbiased	25.866	27.01	1.144
57	10	LDR-Unbiased	26.743	25.946	-0.797
76	30	LDR-Biased	28.108	25.96	-2.148
78	30	LDR-Biased	27.173	26.689	-0.484
79	30	LDR-Biased	27.658	25.428	-2.23
80	30	LDR-Biased	25.972	26.811	0.839
81	30	LDR-Biased	26.594	25.917	-0.677
82	30	LDR-Unbiased	27.3	28.819	1.519
83	30	LDR-Unbiased	27.741	27.593	-0.148
84	30	LDR-Unbiased	26.743	25.683	-1.06
85	30	LDR-Unbiased	27.167	25.603	-1.564
86	30	LDR-Unbiased	25.866	27.089	1.223
87	100	LDR-Biased	27.179	25.156	-2.023
88	100	LDR-Biased	26.153	26.578	0.425
90	100	LDR-Biased	26.352	27.294	0.942
91	100	LDR-Unbiased	25.98	25.25	-0.73
93	100	LDR-Unbiased	26.187	24.731	-1.456
94	100	LDR-Unbiased	25.885	25.925	0.04
95	100	LDR-Unbiased	26.797	24.914	-1.883
96	100	LDR-Unbiased	25.736	24.628	-1.108
106	50	LDR-Biased	28.108	27.438	-0.67
108	50	LDR-Biased	27.173	25.392	-1.781
109	50	LDR-Biased	27.658	26.959	-0.699
110	50	LDR-Biased	25.972	25.708	-0.264
111	50	LDR-Biased	26.594	27.098	0.504
112	50	LDR-Unbiased	27.3	25.622	-1.678
113	50	LDR-Unbiased	27.741	26.745	-0.996
115	50	LDR-Unbiased	27.167	25.224	-1.943
116	50	LDR-Unbiased	25.866	25.077	-0.789
117	50	LDR-Unbiased	26.743	27.357	0.614



Test Statistics (V/uSec)

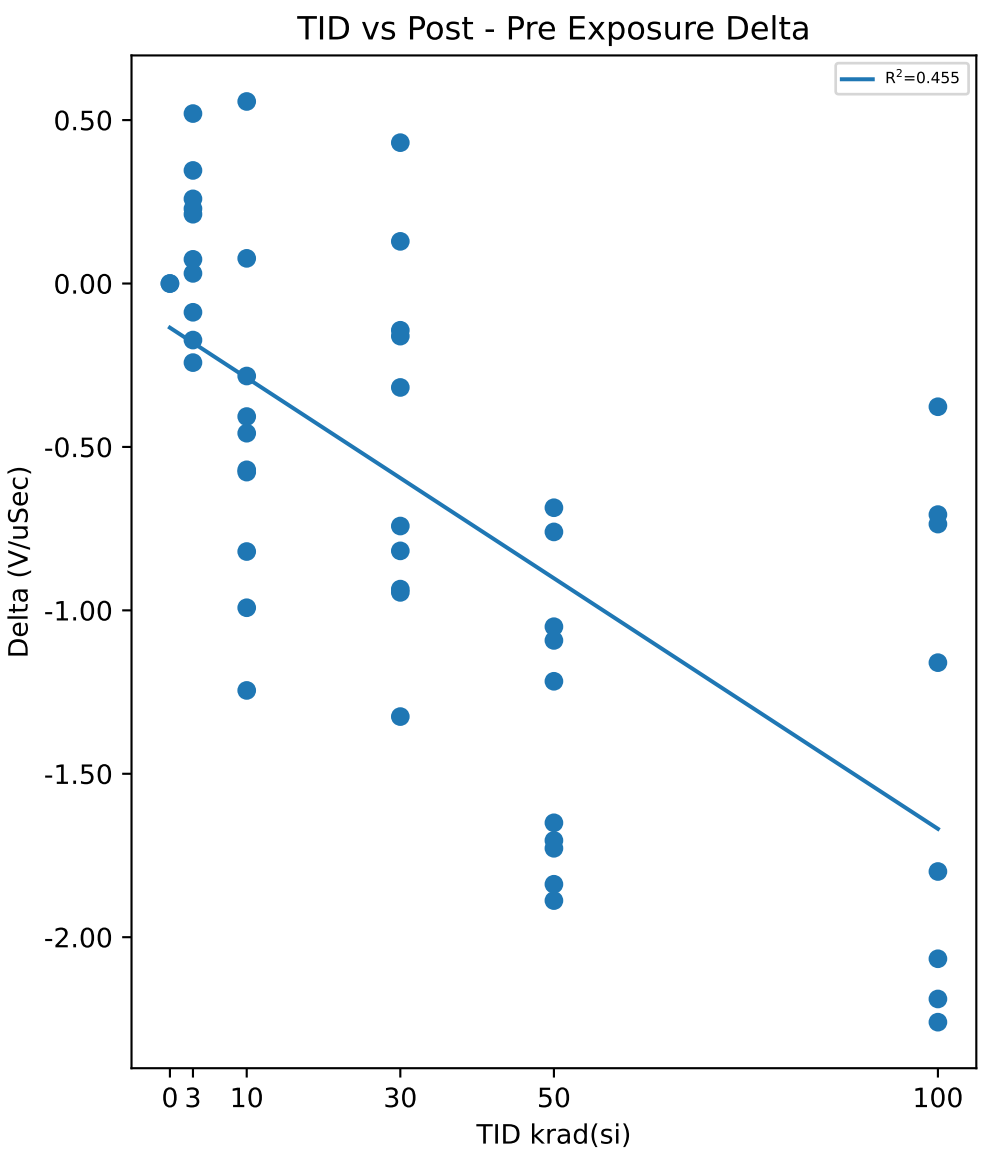
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.218	26.971	27.724	1.0649	26.218	26.971	27.724	1.0649	0	0	0	0
3	25.866	27.032	28.108	0.73943	26.457	27.536	28.525	0.5773	-0.335	0.5041	2.659	0.87536
10	25.866	27.032	28.108	0.73943	25.646	26.99	27.953	0.76973	-2.012	-0.0419	1.351	0.98117
30	25.866	27.032	28.108	0.73943	25.428	26.559	28.819	1.0682	-2.23	-0.473	1.519	1.3392
50	25.866	27.032	28.108	0.73943	25.077	26.262	27.438	0.94016	-1.943	-0.7702	0.614	0.88717
100	25.736	26.284	27.179	0.48511	24.628	25.559	27.294	0.95684	-2.023	-0.72412	0.942	1.095

Device Test: 19.15 tsr_EN4_Rising/EN4/1.6/14/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

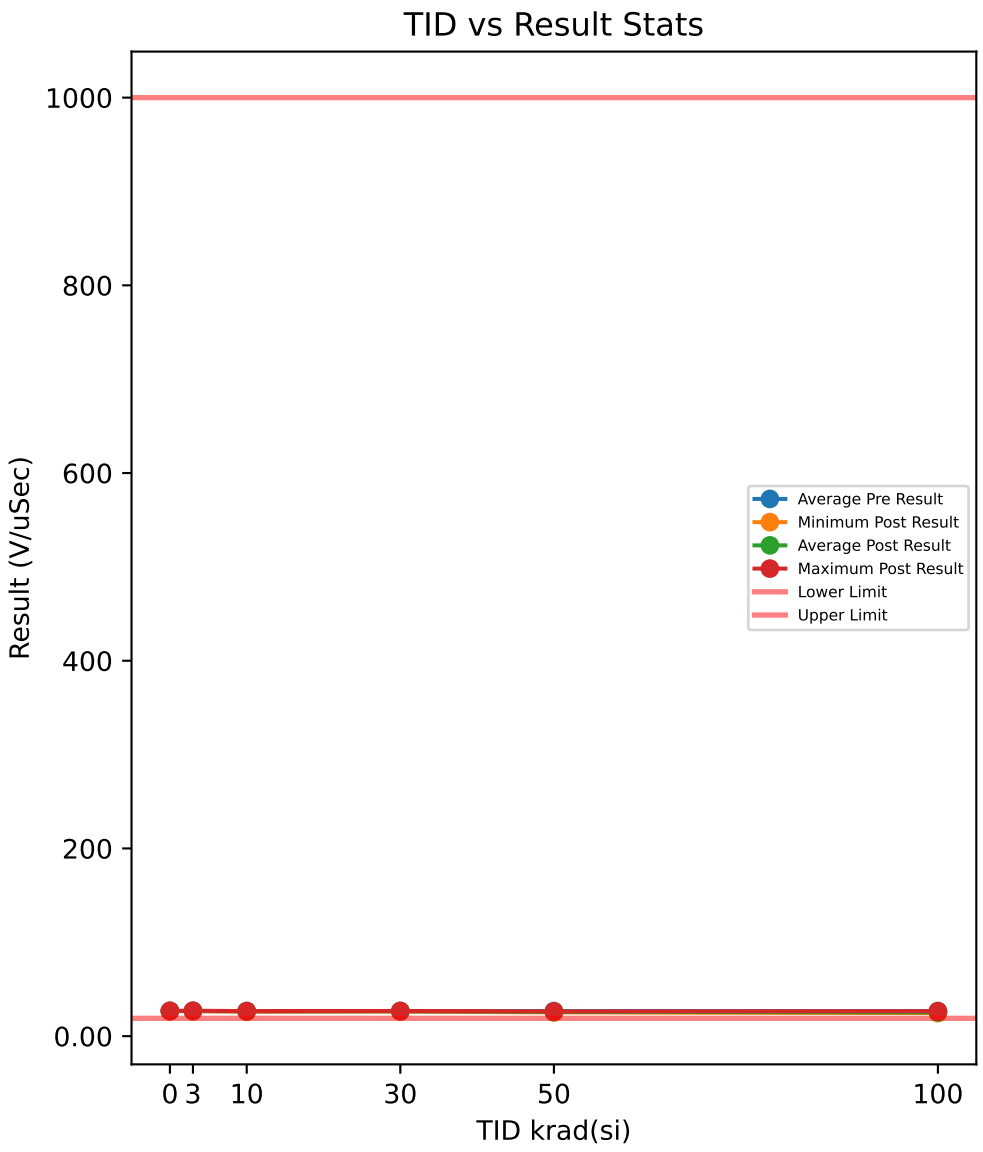
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	27.282	27.282	0
7	0	Correlation	27.385	27.385	0
16	3	LDR-Biased	27.858	28.117	0.259
18	3	LDR-Biased	27.647	28.167	0.52
19	3	LDR-Biased	28.088	27.846	-0.242
20	3	LDR-Biased	27.517	27.863	0.346
21	3	LDR-Biased	27.504	27.716	0.212
22	3	LDR-Unbiased	27.811	28.04	0.229
23	3	LDR-Unbiased	27.351	27.178	-0.173
25	3	LDR-Unbiased	27.931	27.843	-0.088
26	3	LDR-Unbiased	27.699	27.773	0.074
27	3	LDR-Unbiased	27.864	27.895	0.031
46	10	LDR-Biased	27.858	27.288	-0.57
48	10	LDR-Biased	27.647	27.24	-0.407
49	10	LDR-Biased	28.088	27.805	-0.283
50	10	LDR-Biased	27.517	27.594	0.077
51	10	LDR-Biased	27.504	27.046	-0.458
52	10	LDR-Unbiased	27.811	27.234	-0.577
53	10	LDR-Unbiased	27.351	27.908	0.557
55	10	LDR-Unbiased	27.931	26.686	-1.245
56	10	LDR-Unbiased	27.699	26.707	-0.992
57	10	LDR-Unbiased	27.864	27.044	-0.82
76	30	LDR-Biased	27.858	26.923	-0.935
78	30	LDR-Biased	27.647	28.078	0.431
79	30	LDR-Biased	28.088	27.143	-0.945
80	30	LDR-Biased	27.517	27.356	-0.161
81	30	LDR-Biased	27.504	27.361	-0.143
82	30	LDR-Unbiased	27.811	27.94	0.129
83	30	LDR-Unbiased	27.351	26.609	-0.742
84	30	LDR-Unbiased	27.864	27.046	-0.818
85	30	LDR-Unbiased	27.931	26.606	-1.325
86	30	LDR-Unbiased	27.699	27.381	-0.318
87	100	LDR-Biased	28.012	25.823	-2.189
88	100	LDR-Biased	28.157	27.421	-0.736
90	100	LDR-Biased	27.931	27.554	-0.377
91	100	LDR-Unbiased	27.429	25.63	-1.799
93	100	LDR-Unbiased	27.822	25.756	-2.066
94	100	LDR-Unbiased	28.31	26.05	-2.26
95	100	LDR-Unbiased	27.99	26.83	-1.16
96	100	LDR-Unbiased	27.079	26.372	-0.707
106	50	LDR-Biased	27.858	27.172	-0.686
108	50	LDR-Biased	27.647	25.997	-1.65
109	50	LDR-Biased	28.088	26.384	-1.704
110	50	LDR-Biased	27.517	26.757	-0.76
111	50	LDR-Biased	27.504	26.287	-1.217
112	50	LDR-Unbiased	27.811	26.083	-1.728
113	50	LDR-Unbiased	27.351	26.301	-1.05
115	50	LDR-Unbiased	27.931	26.043	-1.888
116	50	LDR-Unbiased	27.699	26.607	-1.092
117	50	LDR-Unbiased	27.864	26.026	-1.838

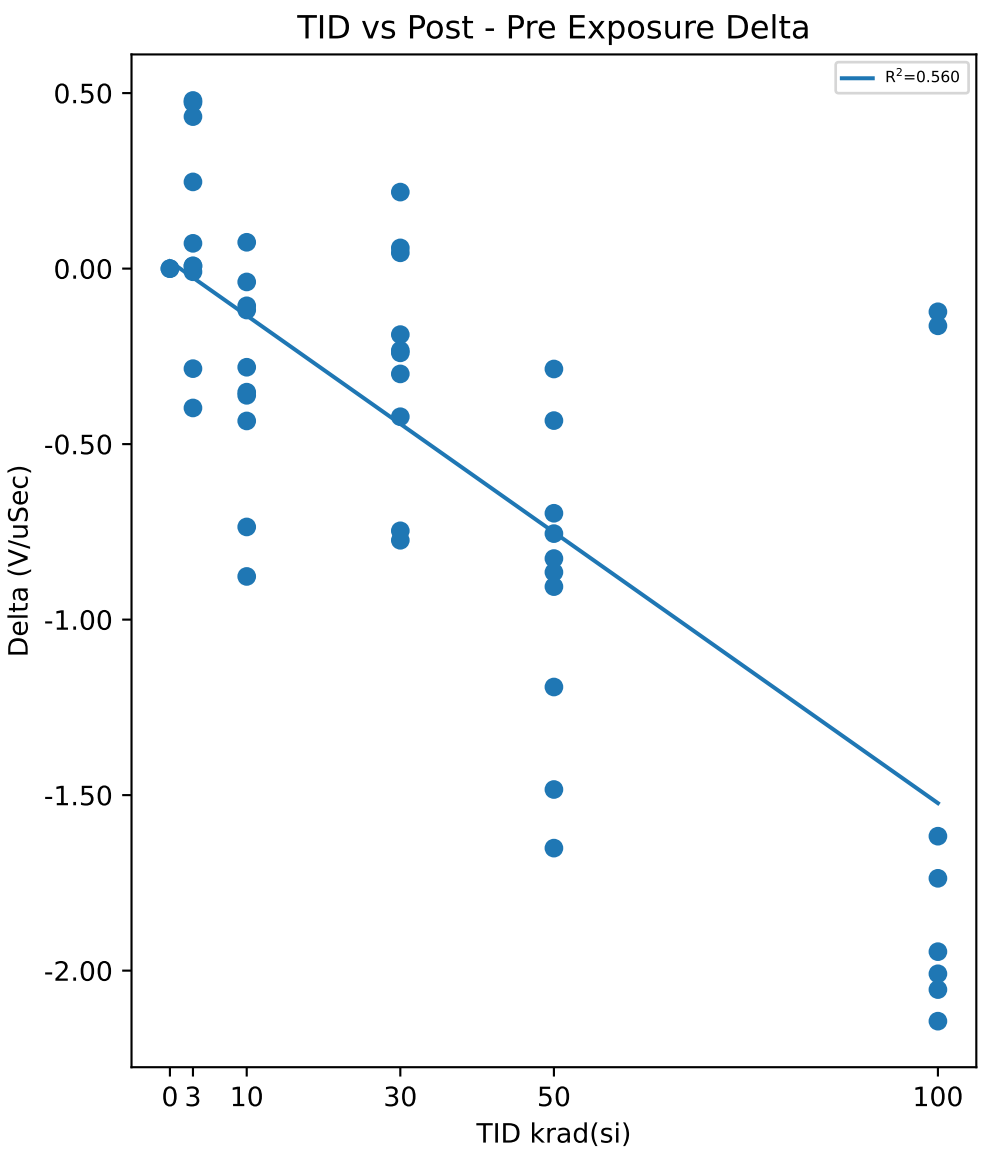


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	27.282	27.334	27.385	0.072832	27.282	27.334	27.385	0.072832	0	0	0	0
3	27.351	27.727	28.088	0.22542	27.178	27.844	28.167	0.27593	-0.242	0.1168	0.52	0.24056
10	27.351	27.727	28.088	0.22542	26.686	27.255	27.908	0.41605	-1.245	-0.4718	0.557	0.51748
30	27.351	27.727	28.088	0.22542	26.606	27.244	28.078	0.49303	-1.325	-0.4827	0.431	0.55402
50	27.351	27.727	28.088	0.22542	25.997	26.366	27.172	0.38116	-1.888	-1.3613	-0.686	0.45311
100	27.079	27.841	28.31	0.4018	25.63	26.43	27.554	0.75743	-2.26	-1.4118	-0.377	0.75489

Device Test: 19.16 tsr_PWRGD_Rising/PWRGD/1.6/14/0/0/0/@PWRGD_SLEW_RATE_RISE





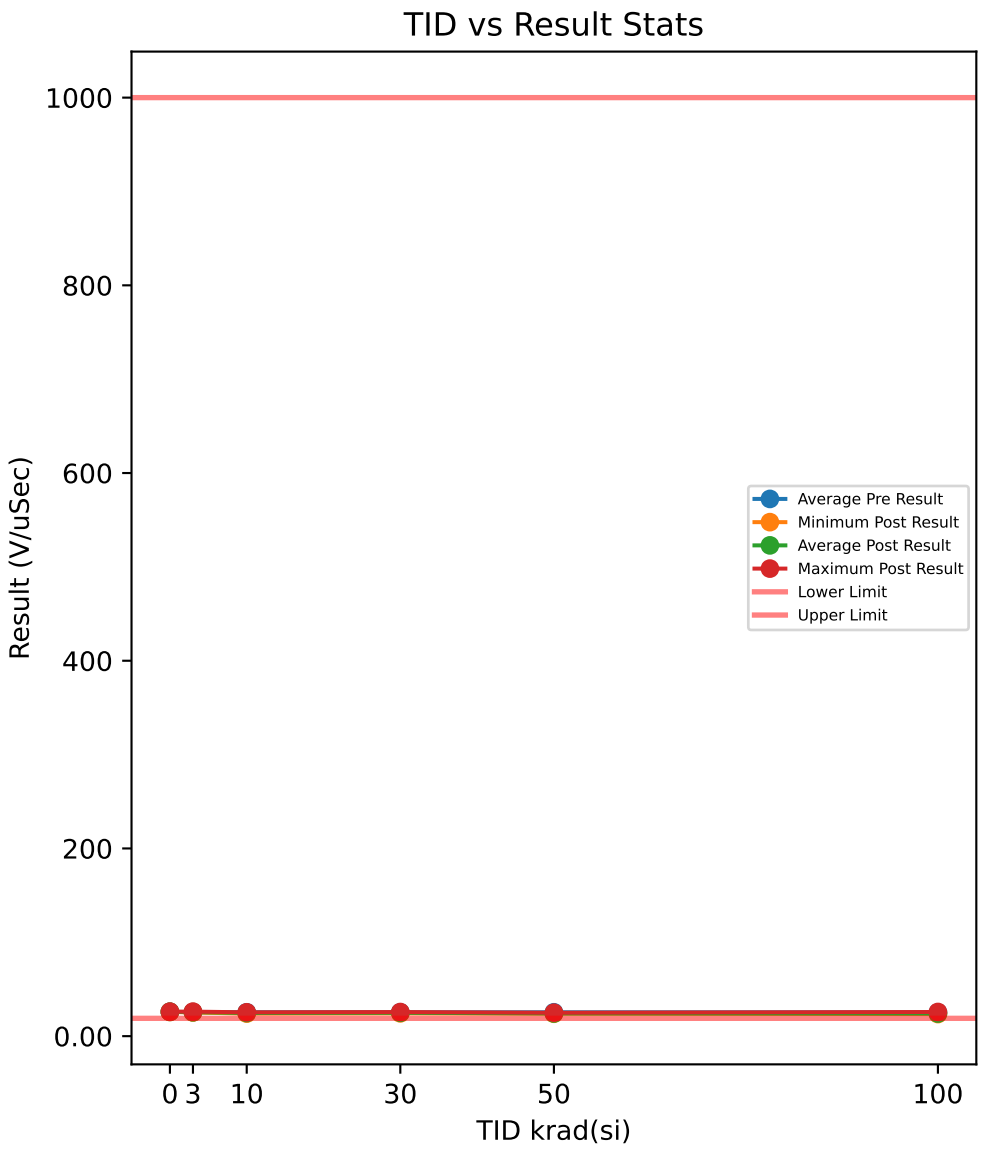
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

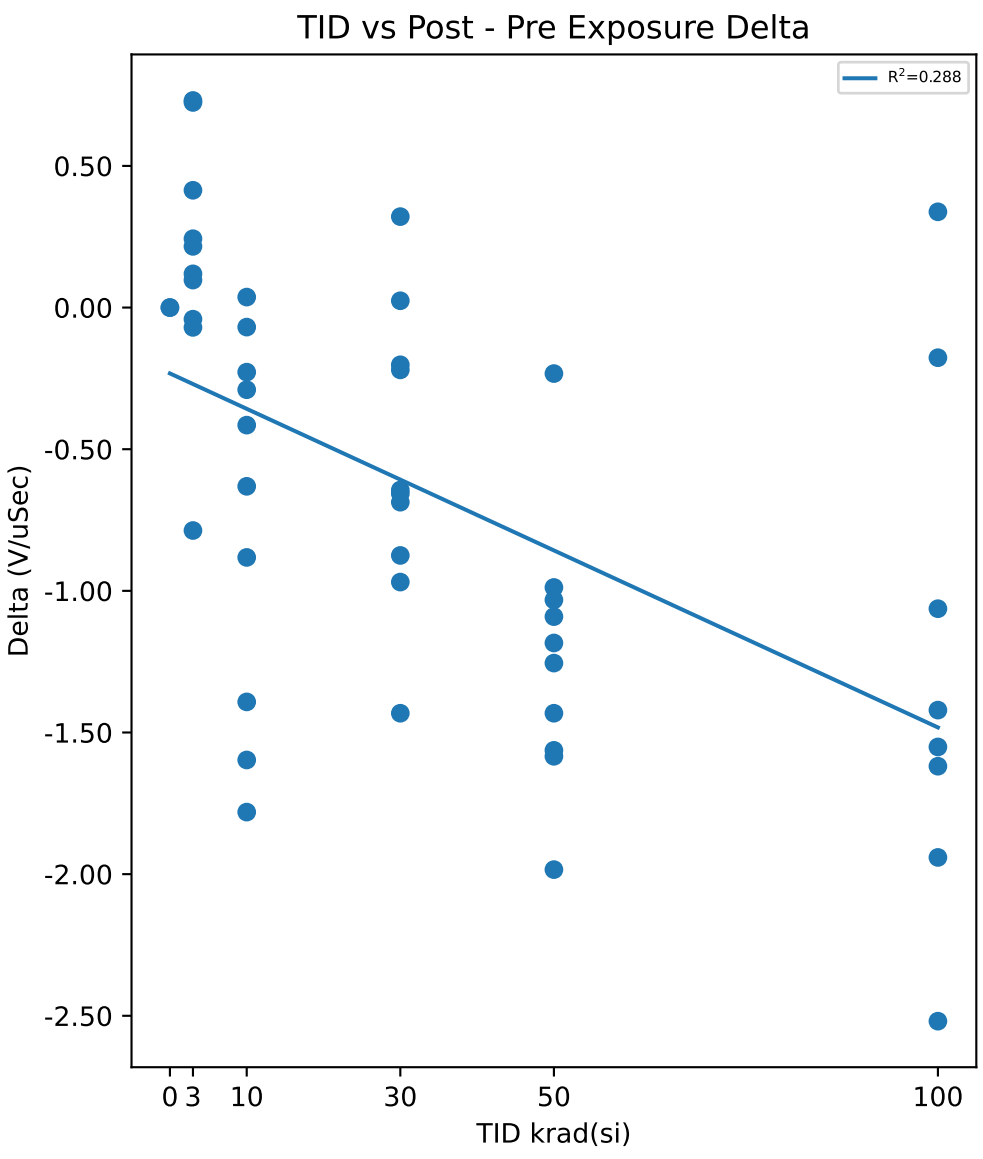
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.67	26.67	0
7	0	Correlation	26.914	26.914	0
16	3	LDR-Biased	26.66	26.907	0.247
18	3	LDR-Biased	26.714	26.705	-0.009
19	3	LDR-Biased	26.849	26.921	0.072
20	3	LDR-Biased	26.63	27.109	0.479
21	3	LDR-Biased	26.895	26.902	0.007
22	3	LDR-Unbiased	26.527	27	0.473
23	3	LDR-Unbiased	26.984	26.699	-0.285
25	3	LDR-Unbiased	26.934	26.537	-0.397
26	3	LDR-Unbiased	26.743	26.751	0.008
27	3	LDR-Unbiased	26.538	26.971	0.433
46	10	LDR-Biased	26.66	26.542	-0.118
48	10	LDR-Biased	26.714	26.362	-0.352
49	10	LDR-Biased	26.849	26.415	-0.434
50	10	LDR-Biased	26.63	26.705	0.075
51	10	LDR-Biased	26.895	26.534	-0.361
52	10	LDR-Unbiased	26.527	26.489	-0.038
53	10	LDR-Unbiased	26.984	26.248	-0.736
55	10	LDR-Unbiased	26.934	26.057	-0.877
56	10	LDR-Unbiased	26.743	26.462	-0.281
57	10	LDR-Unbiased	26.538	26.432	-0.106
76	30	LDR-Biased	26.66	26.719	0.059
78	30	LDR-Biased	26.714	26.414	-0.3
79	30	LDR-Biased	26.849	26.616	-0.233
80	30	LDR-Biased	26.63	26.848	0.218
81	30	LDR-Biased	26.895	26.707	-0.188
82	30	LDR-Unbiased	26.527	26.572	0.045
83	30	LDR-Unbiased	26.984	26.21	-0.774
84	30	LDR-Unbiased	26.538	26.298	-0.24
85	30	LDR-Unbiased	26.934	26.187	-0.747
86	30	LDR-Unbiased	26.743	26.321	-0.422
87	100	LDR-Biased	26.94	24.796	-2.144
88	100	LDR-Biased	26.659	26.536	-0.123
90	100	LDR-Biased	26.733	26.57	-0.163
91	100	LDR-Unbiased	26.579	24.57	-2.009
93	100	LDR-Unbiased	26.801	24.747	-2.054
94	100	LDR-Unbiased	26.64	25.023	-1.617
95	100	LDR-Unbiased	26.973	25.027	-1.946
96	100	LDR-Unbiased	26.598	24.861	-1.737
106	50	LDR-Biased	26.66	26.227	-0.433
108	50	LDR-Biased	26.714	25.849	-0.865
109	50	LDR-Biased	26.849	26.023	-0.826
110	50	LDR-Biased	26.63	26.344	-0.286
111	50	LDR-Biased	26.895	26.198	-0.697
112	50	LDR-Unbiased	26.527	25.772	-0.755
113	50	LDR-Unbiased	26.984	25.5	-1.484
115	50	LDR-Unbiased	26.934	25.283	-1.651
116	50	LDR-Unbiased	26.743	25.551	-1.192
117	50	LDR-Unbiased	26.538	25.632	-0.906

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.67	26.792	26.914	0.17253	26.67	26.792	26.914	0.17253	0	0	0	0
3	26.527	26.747	26.984	0.16258	26.537	26.85	27.109	0.17218	-0.397	0.1028	0.479	0.30554
10	26.527	26.747	26.984	0.16258	26.057	26.425	26.705	0.17648	-0.877	-0.3228	0.075	0.30232
30	26.527	26.747	26.984	0.16258	26.187	26.489	26.848	0.23374	-0.774	-0.2582	0.218	0.32639
50	26.527	26.747	26.984	0.16258	25.283	25.838	26.344	0.3532	-1.651	-0.9095	-0.286	0.42862
100	26.579	26.74	26.973	0.15152	24.57	25.266	26.57	0.80784	-2.144	-1.4741	-0.123	0.83903

Device Test: 19.17 tsr_SEQ_Rising/SEQ_DONE/1.6/14/0/0/0/@SEQ_DONE_SLEW_RATE_RISE





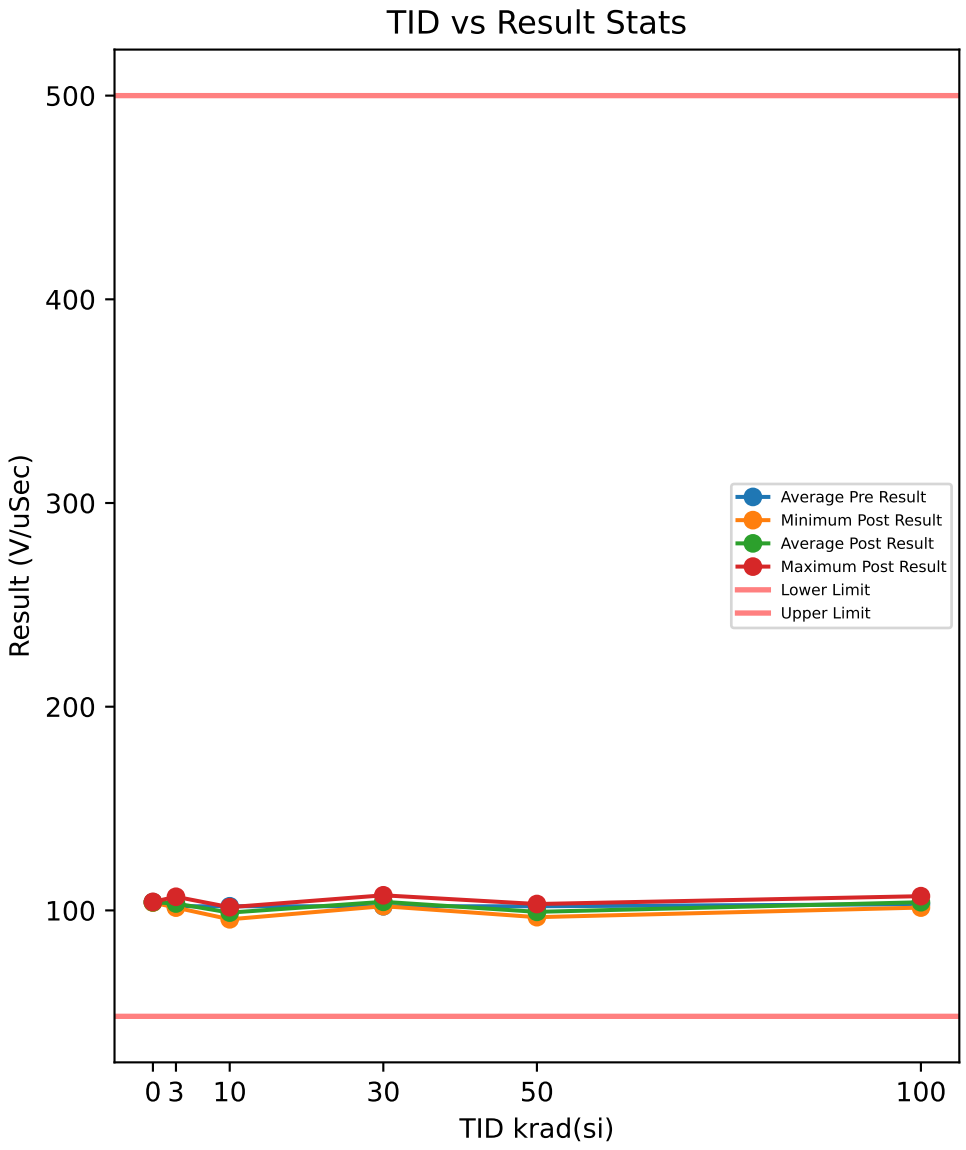
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	25.8	25.8	0
7	0	Correlation	26.094	26.094	0
16	3	LDR-Biased	26.043	26.14	0.097
18	3	LDR-Biased	25.185	25.304	0.119
19	3	LDR-Biased	26.181	25.394	-0.787
20	3	LDR-Biased	25.5	25.459	-0.041
21	3	LDR-Biased	25.355	26.086	0.731
22	3	LDR-Unbiased	25.286	25.216	-0.07
23	3	LDR-Unbiased	25.061	25.304	0.243
25	3	LDR-Unbiased	25.428	25.644	0.216
26	3	LDR-Unbiased	25.051	25.465	0.414
27	3	LDR-Unbiased	25.349	26.073	0.724
46	10	LDR-Biased	26.043	24.446	-1.597
48	10	LDR-Biased	25.185	24.957	-0.228
49	10	LDR-Biased	26.181	24.4	-1.781
50	10	LDR-Biased	25.5	25.21	-0.29
51	10	LDR-Biased	25.355	25.392	0.037
52	10	LDR-Unbiased	25.286	24.655	-0.631
53	10	LDR-Unbiased	25.061	24.992	-0.069
55	10	LDR-Unbiased	25.428	24.036	-1.392
56	10	LDR-Unbiased	25.051	24.636	-0.415
57	10	LDR-Unbiased	25.349	24.467	-0.882
76	30	LDR-Biased	26.043	24.611	-1.432
78	30	LDR-Biased	25.185	24.965	-0.22
79	30	LDR-Biased	26.181	25.306	-0.875
80	30	LDR-Biased	25.5	24.856	-0.644
81	30	LDR-Biased	25.355	25.676	0.321
82	30	LDR-Unbiased	25.286	24.317	-0.969
83	30	LDR-Unbiased	25.061	25.085	0.024
84	30	LDR-Unbiased	25.349	25.147	-0.202
85	30	LDR-Unbiased	25.428	24.741	-0.687
86	30	LDR-Unbiased	25.051	24.394	-0.657
87	100	LDR-Biased	25.197	23.776	-1.421
88	100	LDR-Biased	25.403	25.741	0.338
90	100	LDR-Biased	25.099	24.922	-0.177
91	100	LDR-Unbiased	26.095	23.576	-2.519
93	100	LDR-Unbiased	25.679	23.738	-1.941
94	100	LDR-Unbiased	25.166	23.547	-1.619
95	100	LDR-Unbiased	24.914	23.851	-1.063
96	100	LDR-Unbiased	25.267	23.716	-1.551
106	50	LDR-Biased	26.043	24.859	-1.184
108	50	LDR-Biased	25.185	24.952	-0.233
109	50	LDR-Biased	26.181	24.197	-1.984
110	50	LDR-Biased	25.5	23.916	-1.584
111	50	LDR-Biased	25.355	23.923	-1.432
112	50	LDR-Unbiased	25.286	24.031	-1.255
113	50	LDR-Unbiased	25.061	24.073	-0.988
115	50	LDR-Unbiased	25.428	23.865	-1.563
116	50	LDR-Unbiased	25.051	23.96	-1.091
117	50	LDR-Unbiased	25.349	24.317	-1.032

Test Statistics (V/uSec)

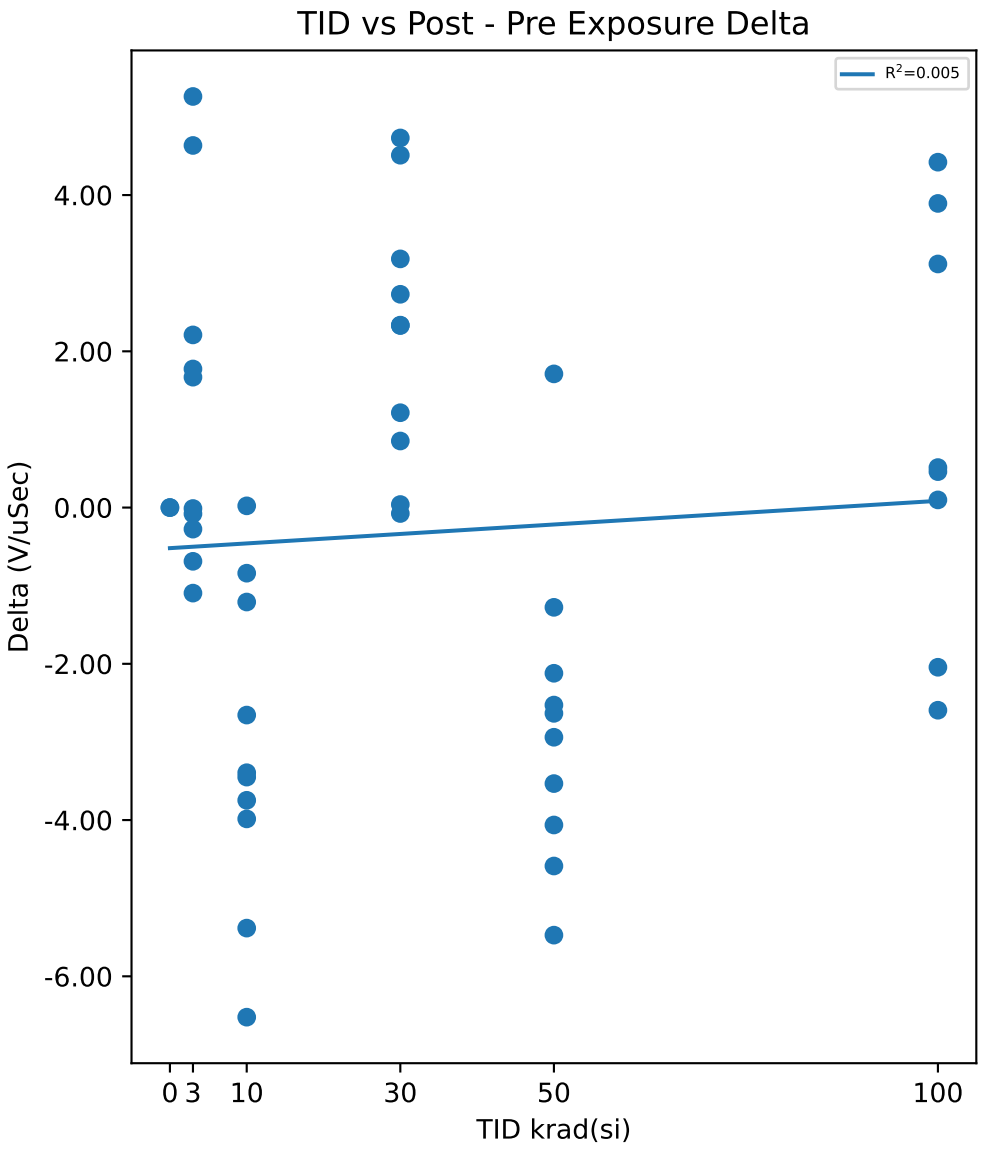
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	25.8	25.947	26.094	0.20789	25.8	25.947	26.094	0.20789	0	0	0	0
3	25.051	25.444	26.181	0.38232	25.216	25.608	26.14	0.35839	-0.787	0.1646	0.731	0.43643
10	25.051	25.444	26.181	0.38232	24.036	24.719	25.392	0.41398	-1.781	-0.7248	0.037	0.65804
30	25.051	25.444	26.181	0.38232	24.317	24.91	25.676	0.41795	-1.432	-0.5341	0.321	0.51788
50	25.051	25.444	26.181	0.38232	23.865	24.209	24.952	0.39222	-1.984	-1.2346	-0.233	0.46657
100	24.914	25.352	26.095	0.37479	23.547	24.108	25.741	0.79227	-2.519	-1.2441	0.338	0.92979

Device Test: 19.18 tsr_EN1_Falling/EN1/1.6/14/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

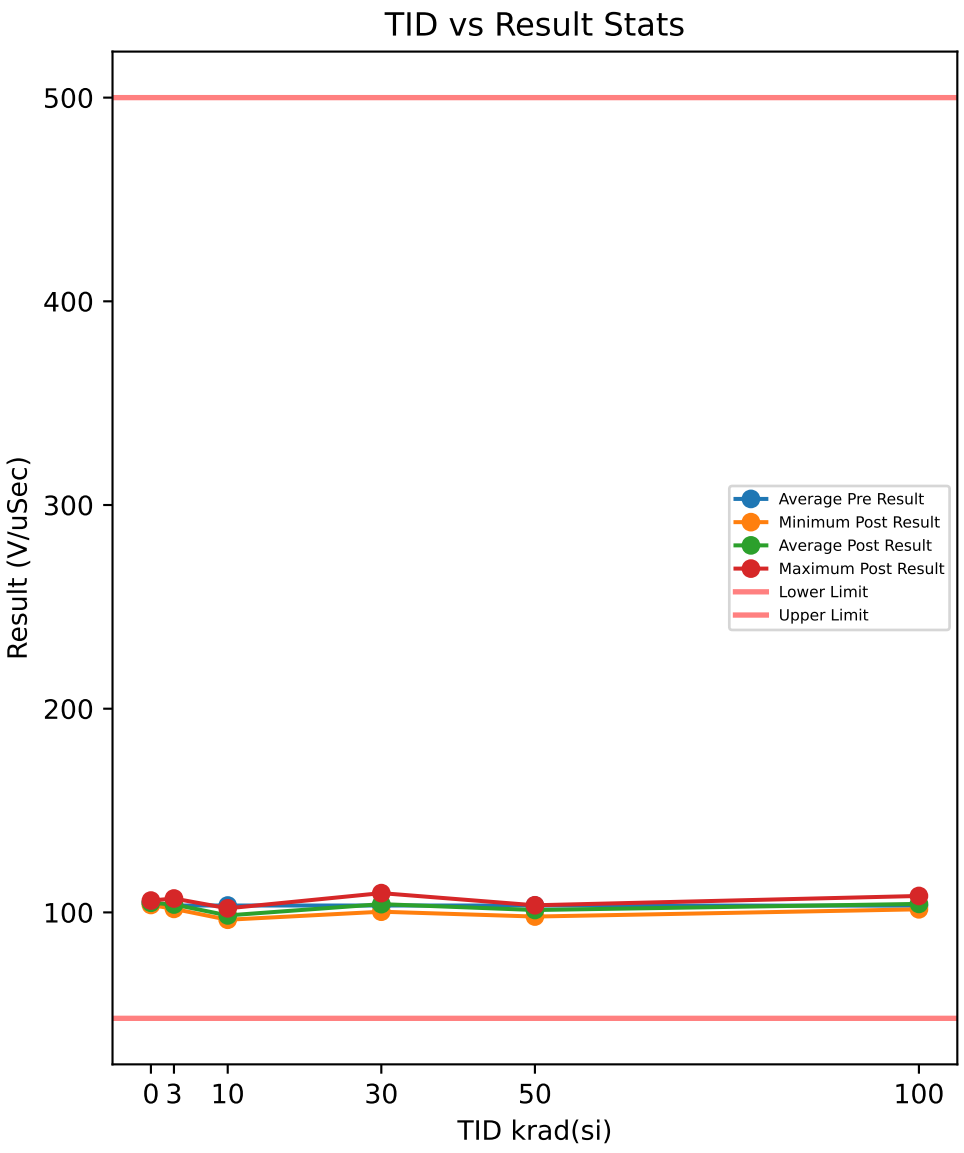
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	104.19	104.19	0
7	0	Correlation	103.82	103.82	0
16	3	LDR-Biased	104.23	103.14	-1.095
18	3	LDR-Biased	101.44	103.66	2.21
19	3	LDR-Biased	101.22	102.89	1.669
20	3	LDR-Biased	102.26	104.03	1.774
21	3	LDR-Biased	102.15	102.07	-0.08
22	3	LDR-Unbiased	102.48	102.46	-0.012
23	3	LDR-Unbiased	102.86	102.17	-0.688
25	3	LDR-Unbiased	101.43	106.69	5.262
26	3	LDR-Unbiased	100.63	105.27	4.635
27	3	LDR-Unbiased	101.64	101.37	-0.276
46	10	LDR-Biased	104.23	101.58	-2.656
48	10	LDR-Biased	101.44	101.47	0.022
49	10	LDR-Biased	101.22	100.01	-1.209
50	10	LDR-Biased	102.26	96.874	-5.383
51	10	LDR-Biased	102.15	95.625	-6.523
52	10	LDR-Unbiased	102.48	98.491	-3.985
53	10	LDR-Unbiased	102.86	99.463	-3.394
55	10	LDR-Unbiased	101.43	100.59	-0.84
56	10	LDR-Unbiased	100.63	97.181	-3.45
57	10	LDR-Unbiased	101.64	97.898	-3.747
76	30	LDR-Biased	104.23	107.41	3.183
78	30	LDR-Biased	101.44	106.18	4.731
79	30	LDR-Biased	101.22	102.07	0.852
80	30	LDR-Biased	102.26	103.47	1.214
81	30	LDR-Biased	102.15	102.07	-0.076
82	30	LDR-Unbiased	102.48	102.52	0.039
83	30	LDR-Unbiased	102.86	105.59	2.73
84	30	LDR-Unbiased	101.64	103.98	2.335
85	30	LDR-Unbiased	101.43	103.76	2.33
86	30	LDR-Unbiased	100.63	105.14	4.51
87	100	LDR-Biased	103	103.51	0.512
88	100	LDR-Biased	104.33	101.74	-2.594
90	100	LDR-Biased	103.43	101.39	-2.044
91	100	LDR-Unbiased	102.39	106.28	3.893
93	100	LDR-Unbiased	102.56	106.99	4.421
94	100	LDR-Unbiased	101.9	102	0.098
95	100	LDR-Unbiased	102.32	105.44	3.118
96	100	LDR-Unbiased	104.31	104.77	0.46
106	50	LDR-Biased	104.23	100.7	-3.533
108	50	LDR-Biased	101.44	98.917	-2.528
109	50	LDR-Biased	101.22	99.097	-2.121
110	50	LDR-Biased	102.26	99.317	-2.94
111	50	LDR-Biased	102.15	96.675	-5.473
112	50	LDR-Unbiased	102.48	98.413	-4.063
113	50	LDR-Unbiased	102.86	98.269	-4.588
115	50	LDR-Unbiased	101.43	103.14	1.711
116	50	LDR-Unbiased	100.63	99.354	-1.277
117	50	LDR-Unbiased	101.64	99.011	-2.634

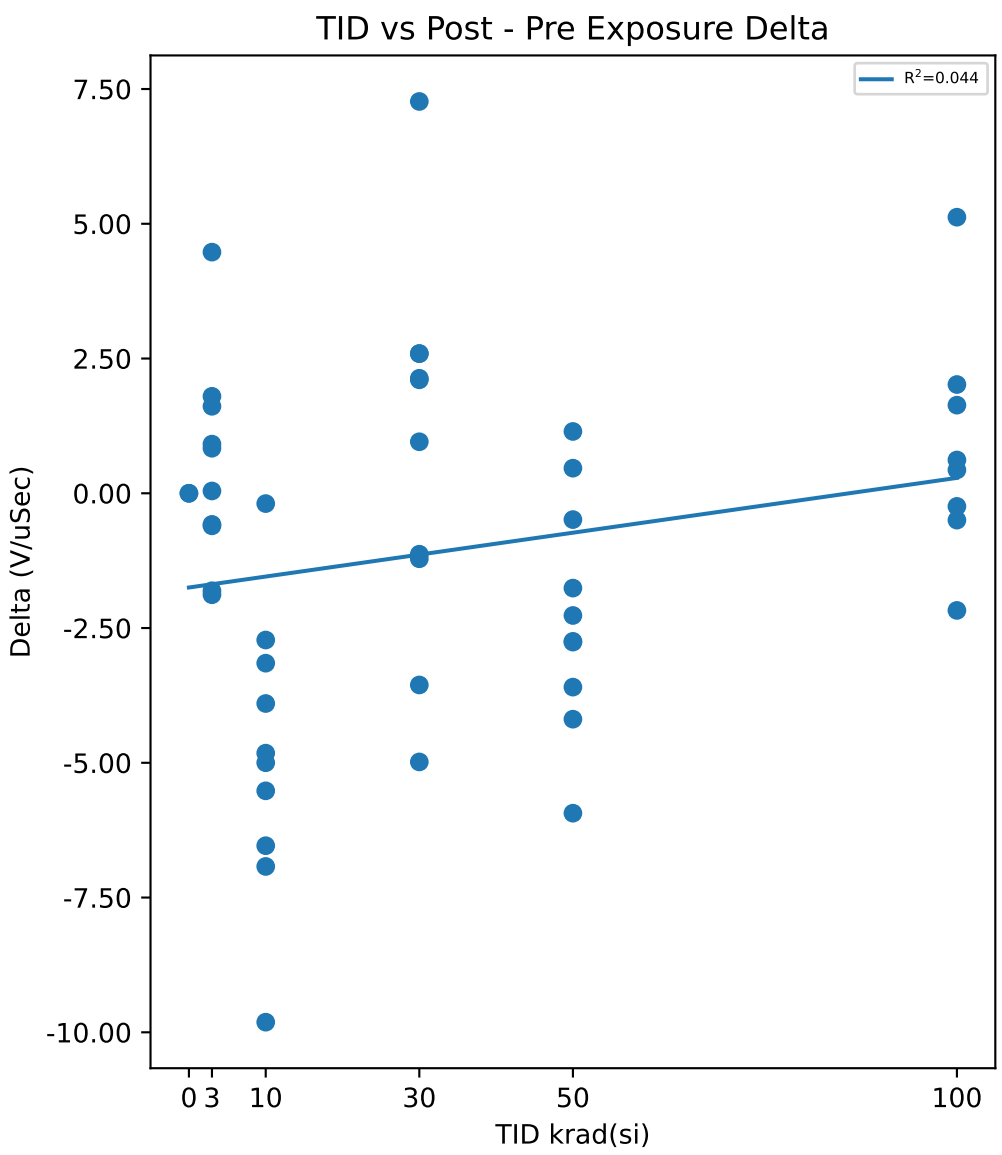


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	103.82	104.01	104.19	0.25809	103.82	104.01	104.19	0.25809	0	0	0	0
3	100.63	102.03	104.23	1.0146	101.37	103.37	106.69	1.6115	-1.095	1.3399	5.262	2.2058
10	100.63	102.03	104.23	1.0146	95.625	98.917	101.58	2.03	-6.523	-3.1165	0.022	2.0266
30	100.63	102.03	104.23	1.0146	102.07	104.22	107.41	1.8173	-0.076	2.1848	4.731	1.6886
50	100.63	102.03	104.23	1.0146	96.675	99.289	103.14	1.6895	-5.473	-2.7446	1.711	1.9915
100	101.9	103.03	104.33	0.91624	101.39	104.01	106.99	2.1708	-2.594	0.983	4.421	2.6209

Device Test: 19.19 tsr_EN2_Falling/EN2/1.6/14/0/0/0/@EN_SLEW_RATE_FALL





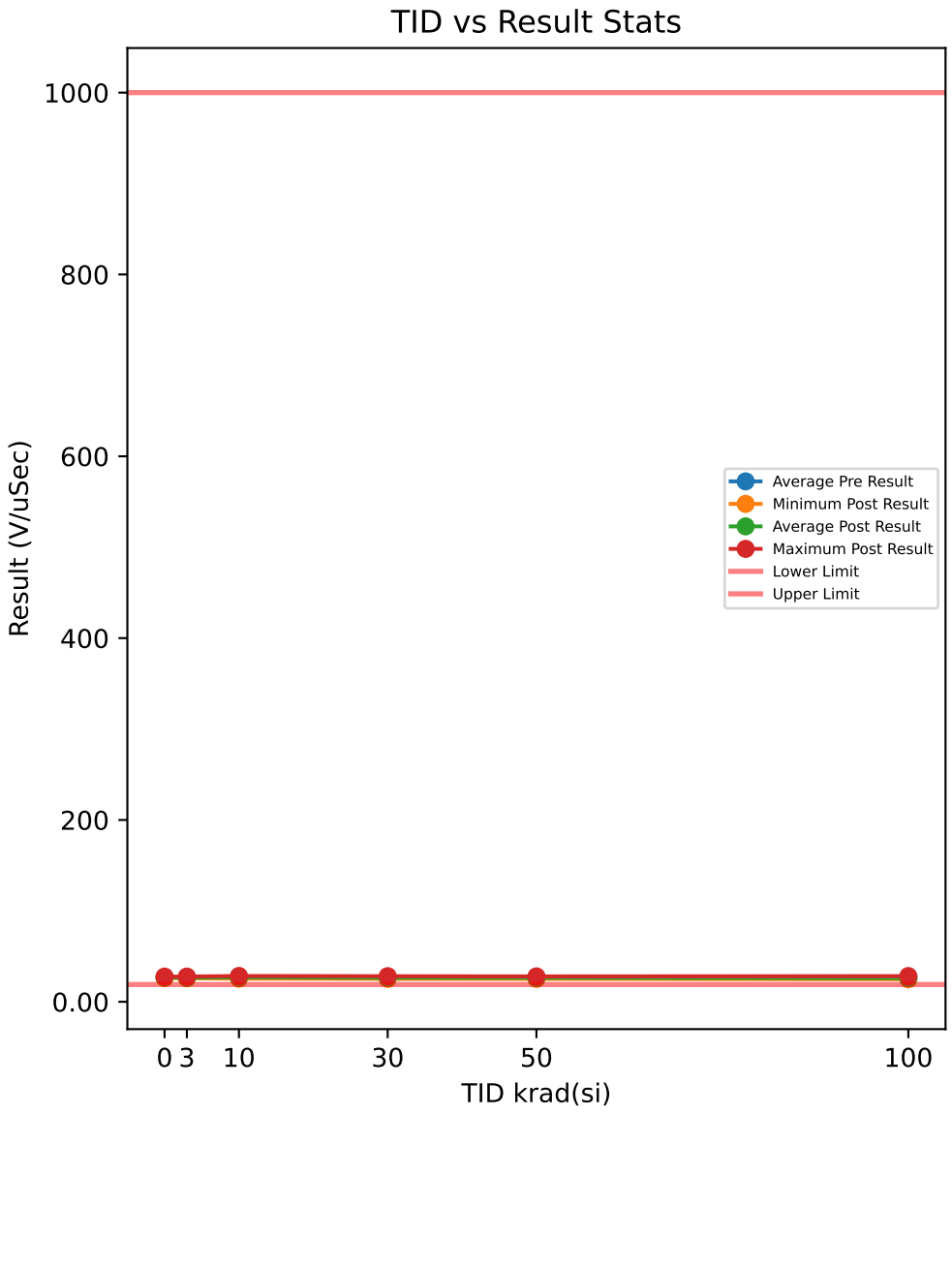
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	103.65	103.65	0
7	0	Correlation	105.82	105.82	0
16	3	LDR-Biased	104.13	104.96	0.836
18	3	LDR-Biased	102.2	104	1.799
19	3	LDR-Biased	106.2	104.39	-1.808
20	3	LDR-Biased	102.17	102.22	0.043
21	3	LDR-Biased	102.33	101.72	-0.604
22	3	LDR-Unbiased	103.96	103.39	-0.577
23	3	LDR-Unbiased	102.93	104.55	1.614
25	3	LDR-Unbiased	103.67	104.58	0.912
26	3	LDR-Unbiased	102.35	106.82	4.474
27	3	LDR-Unbiased	103.9	102.02	-1.882
46	10	LDR-Biased	104.13	99.305	-4.821
48	10	LDR-Biased	102.2	102.01	-0.191
49	10	LDR-Biased	106.2	96.391	-9.812
50	10	LDR-Biased	102.17	99.021	-3.152
51	10	LDR-Biased	102.33	99.604	-2.722
52	10	LDR-Unbiased	103.96	97.425	-6.538
53	10	LDR-Unbiased	102.93	97.414	-5.52
55	10	LDR-Unbiased	103.67	99.768	-3.9
56	10	LDR-Unbiased	102.35	97.349	-4.999
57	10	LDR-Unbiased	103.9	96.976	-6.923
76	30	LDR-Biased	104.13	105.08	0.956
78	30	LDR-Biased	102.2	109.47	7.269
79	30	LDR-Biased	106.2	101.22	-4.984
80	30	LDR-Biased	102.17	101.04	-1.13
81	30	LDR-Biased	102.33	104.43	2.105
82	30	LDR-Unbiased	103.96	102.75	-1.215
83	30	LDR-Unbiased	102.93	105.53	2.592
84	30	LDR-Unbiased	103.9	100.34	-3.556
85	30	LDR-Unbiased	103.67	105.8	2.134
86	30	LDR-Unbiased	102.35	104.94	2.591
87	100	LDR-Biased	105.12	104.63	-0.498
88	100	LDR-Biased	103.22	102.98	-0.243
90	100	LDR-Biased	101.08	101.51	0.433
91	100	LDR-Unbiased	104.77	106.41	1.635
93	100	LDR-Unbiased	102.95	108.07	5.122
94	100	LDR-Unbiased	103.92	101.75	-2.173
95	100	LDR-Unbiased	103.15	103.77	0.618
96	100	LDR-Unbiased	102.3	104.32	2.018
106	50	LDR-Biased	104.13	101.36	-2.761
108	50	LDR-Biased	102.2	101.71	-0.488
109	50	LDR-Biased	106.2	102.01	-4.191
110	50	LDR-Biased	102.17	100.41	-1.759
111	50	LDR-Biased	102.33	99.579	-2.747
112	50	LDR-Unbiased	103.96	100.37	-3.596
113	50	LDR-Unbiased	102.93	103.4	0.466
115	50	LDR-Unbiased	103.67	101.4	-2.267
116	50	LDR-Unbiased	102.35	103.5	1.147
117	50	LDR-Unbiased	103.9	97.964	-5.935

Test Statistics (V/uSec)

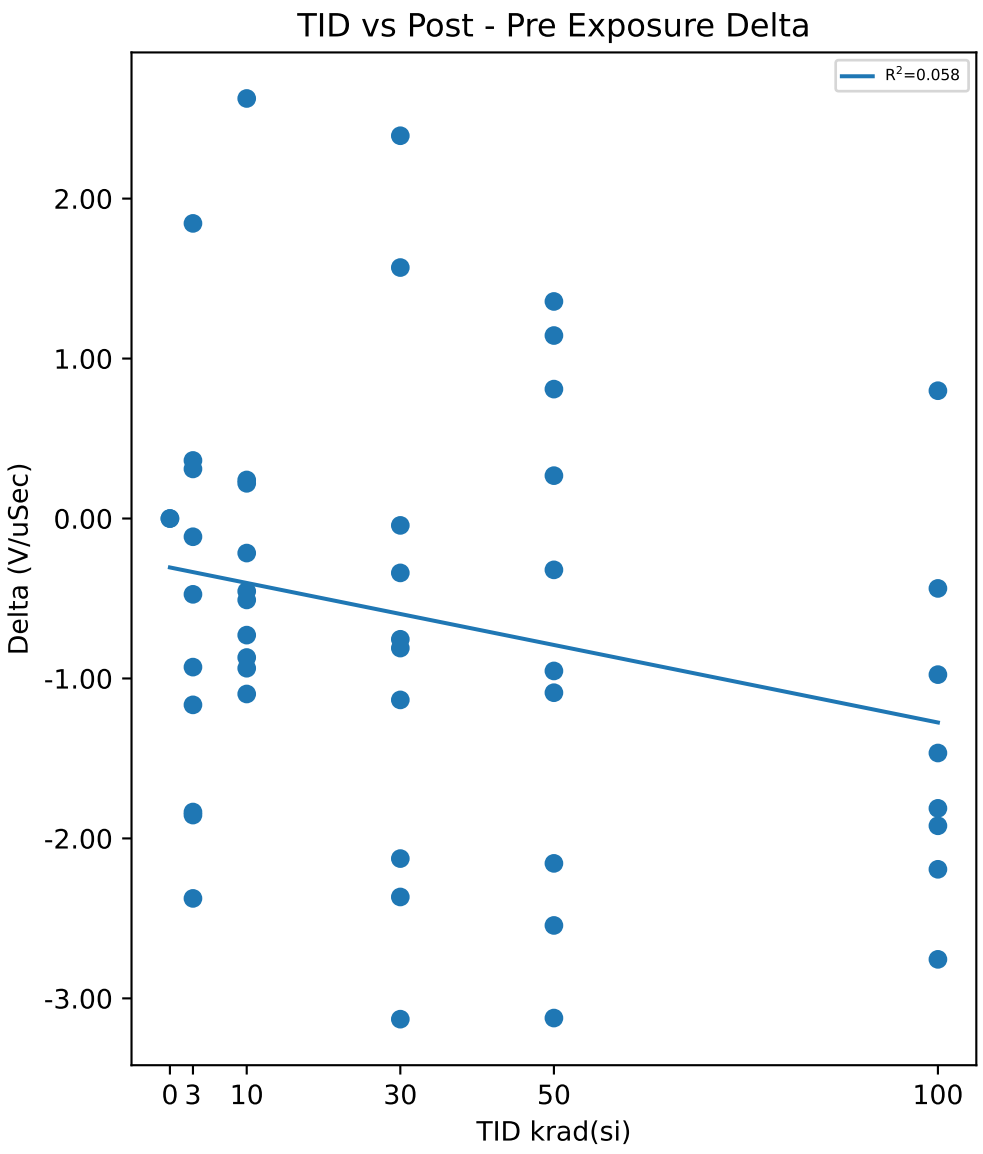
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	103.65	104.73	105.82	1.5302	103.65	104.73	105.82	1.5302	0	0	0	0
3	102.17	103.38	106.2	1.2671	101.72	103.86	106.82	1.5698	-1.882	0.4807	4.474	1.9029
10	102.17	103.38	106.2	1.2671	96.391	98.526	102.01	1.7147	-9.812	-4.8578	-0.191	2.6302
30	102.17	103.38	106.2	1.2671	100.34	104.06	109.47	2.7704	-4.984	0.6762	7.269	3.5251
50	102.17	103.38	106.2	1.2671	97.964	101.17	103.5	1.6831	-5.935	-2.2131	1.147	2.1581
100	101.08	103.31	105.12	1.3072	101.51	104.18	108.07	2.2334	-2.173	0.864	5.122	2.1583

Device Test: 19.2 tsr_EN3_Rising/EN3/1.6/3/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

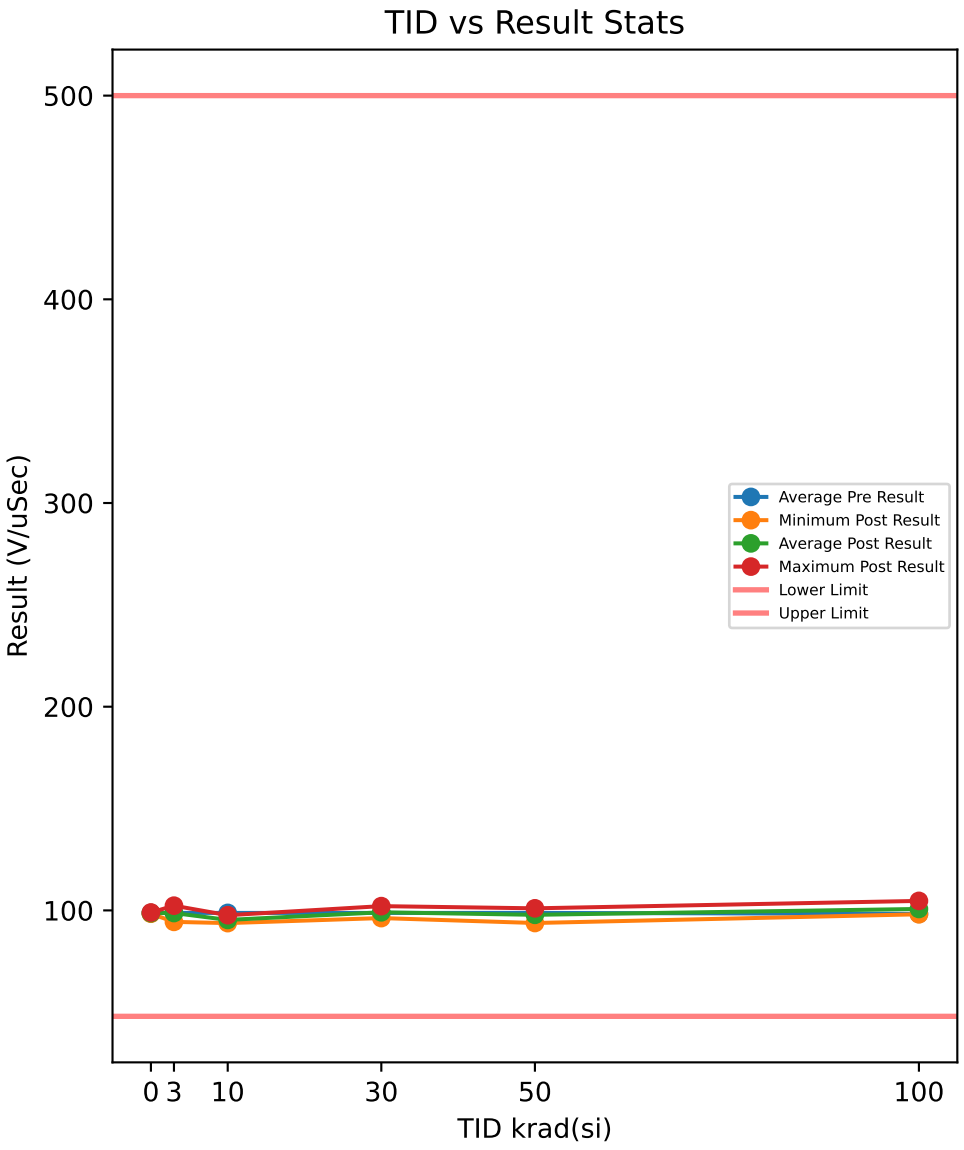
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.086	26.086	0
7	0	Correlation	27.707	27.707	0
16	3	LDR-Biased	26.907	26.793	-0.114
18	3	LDR-Biased	27.992	27.063	-0.929
19	3	LDR-Biased	27.918	26.083	-1.835
20	3	LDR-Biased	25.889	27.734	1.845
21	3	LDR-Biased	26.572	26.935	0.363
22	3	LDR-Unbiased	27.815	25.961	-1.854
23	3	LDR-Unbiased	28.3	25.925	-2.375
25	3	LDR-Unbiased	26.322	25.848	-0.474
26	3	LDR-Unbiased	27.48	26.315	-1.165
27	3	LDR-Unbiased	25.768	26.078	0.31
46	10	LDR-Biased	26.907	26.398	-0.509
48	10	LDR-Biased	27.992	28.233	0.241
49	10	LDR-Biased	27.918	27.189	-0.729
50	10	LDR-Biased	25.889	25.673	-0.216
51	10	LDR-Biased	26.572	26.117	-0.455
52	10	LDR-Unbiased	27.815	28.035	0.22
53	10	LDR-Unbiased	28.3	27.203	-1.097
55	10	LDR-Unbiased	26.322	25.453	-0.869
56	10	LDR-Unbiased	27.48	26.544	-0.936
57	10	LDR-Unbiased	25.768	28.394	2.626
76	30	LDR-Biased	26.907	26.864	-0.043
78	30	LDR-Biased	27.992	25.626	-2.366
79	30	LDR-Biased	27.918	26.784	-1.134
80	30	LDR-Biased	25.889	27.458	1.569
81	30	LDR-Biased	26.572	25.817	-0.755
82	30	LDR-Unbiased	27.815	25.689	-2.126
83	30	LDR-Unbiased	28.3	25.17	-3.13
84	30	LDR-Unbiased	25.768	28.161	2.393
85	30	LDR-Unbiased	26.322	25.512	-0.81
86	30	LDR-Unbiased	27.48	27.14	-0.34
87	100	LDR-Biased	26.888	25.912	-0.976
88	100	LDR-Biased	27.309	26.872	-0.437
90	100	LDR-Biased	27.47	28.269	0.799
91	100	LDR-Unbiased	27.283	25.471	-1.812
93	100	LDR-Unbiased	27.675	26.209	-1.466
94	100	LDR-Unbiased	27.207	25.014	-2.193
95	100	LDR-Unbiased	27.632	25.711	-1.921
96	100	LDR-Unbiased	27.504	24.748	-2.756
106	50	LDR-Biased	26.907	27.716	0.809
108	50	LDR-Biased	27.992	25.448	-2.544
109	50	LDR-Biased	27.918	26.965	-0.953
110	50	LDR-Biased	25.889	25.568	-0.321
111	50	LDR-Biased	26.572	27.929	1.357
112	50	LDR-Unbiased	27.815	25.659	-2.156
113	50	LDR-Unbiased	28.3	25.177	-3.123
115	50	LDR-Unbiased	26.322	26.59	0.268
116	50	LDR-Unbiased	27.48	26.391	-1.089
117	50	LDR-Unbiased	25.768	26.912	1.144



Test Statistics (V/uSec)

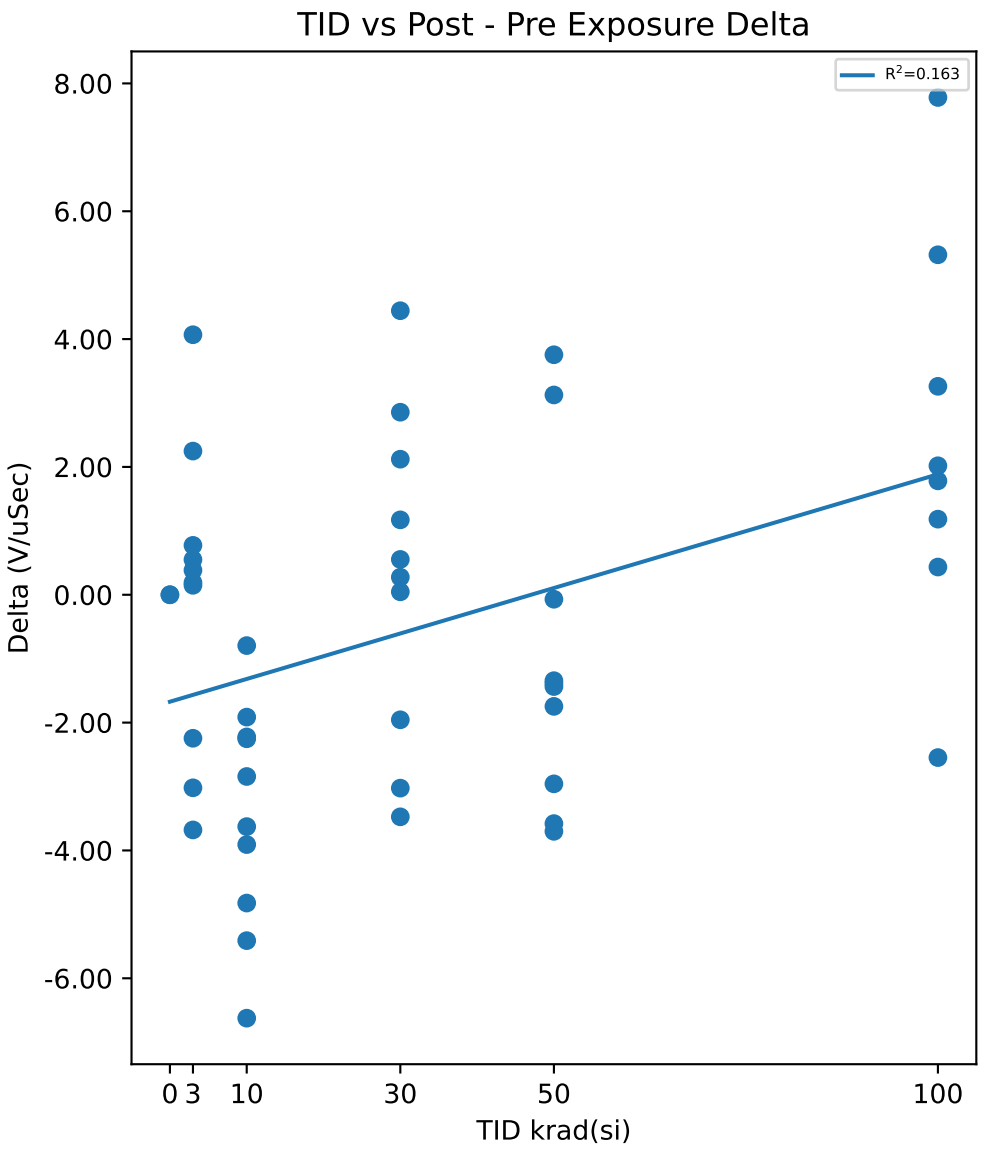
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.086	26.896	27.707	1.1462	26.086	26.896	27.707	1.1462	0	0	0	0
3	25.768	27.096	28.3	0.9263	25.848	26.474	27.734	0.62718	-2.375	-0.6228	1.845	1.2761
10	25.768	27.096	28.3	0.9263	25.453	26.924	28.394	1.0571	-1.097	-0.1724	2.626	1.0844
30	25.768	27.096	28.3	0.9263	25.17	26.422	28.161	0.99286	-3.13	-0.6742	2.393	1.7058
50	25.768	27.096	28.3	0.9263	25.177	26.436	27.929	0.96136	-3.123	-0.6608	1.357	1.584
100	26.888	27.371	27.675	0.25629	24.748	26.026	28.269	1.1249	-2.756	-1.3453	0.799	1.1233

Device Test: 19.20 tsr_EN3_Falling/EN3/1.6/14/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

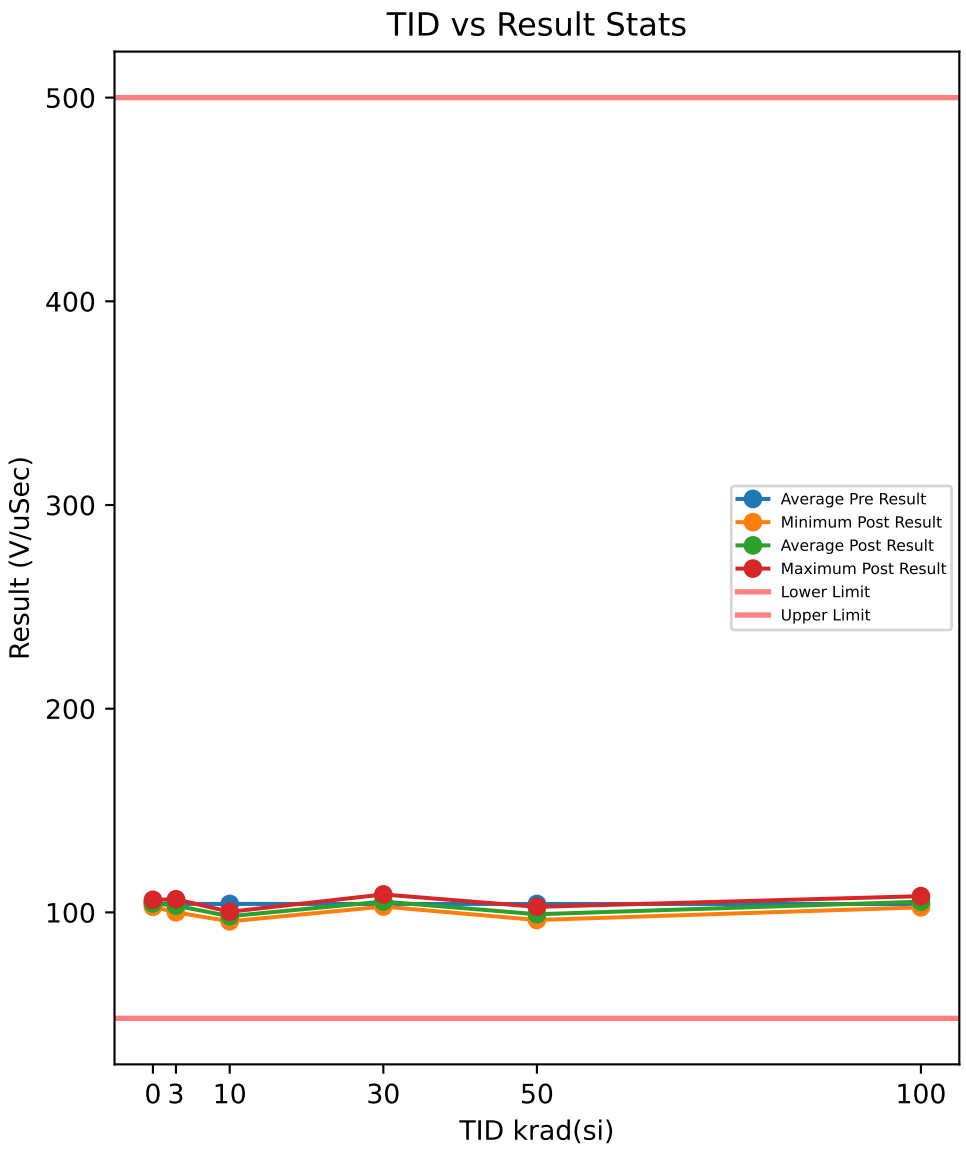
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.978	98.978	0
7	0	Correlation	98.371	98.371	0
16	3	LDR-Biased	100.13	97.889	-2.245
18	3	LDR-Biased	97.889	101.96	4.068
19	3	LDR-Biased	97.427	97.977	0.55
20	3	LDR-Biased	97.136	97.284	0.148
21	3	LDR-Biased	97.393	94.373	-3.02
22	3	LDR-Unbiased	99.238	99.622	0.384
23	3	LDR-Unbiased	100.4	96.719	-3.679
25	3	LDR-Unbiased	101.55	102.32	0.773
26	3	LDR-Unbiased	97.266	99.514	2.248
27	3	LDR-Unbiased	99.259	99.45	0.191
46	10	LDR-Biased	100.13	97.291	-2.843
48	10	LDR-Biased	97.889	95.665	-2.224
49	10	LDR-Biased	97.427	95.513	-1.914
50	10	LDR-Biased	97.136	96.341	-0.795
51	10	LDR-Biased	97.393	93.766	-3.627
52	10	LDR-Unbiased	99.238	94.415	-4.823
53	10	LDR-Unbiased	100.4	93.774	-6.624
55	10	LDR-Unbiased	101.55	97.639	-3.908
56	10	LDR-Unbiased	97.266	95.013	-2.253
57	10	LDR-Unbiased	99.259	93.848	-5.411
76	30	LDR-Biased	100.13	100.69	0.553
78	30	LDR-Biased	97.889	98.164	0.275
79	30	LDR-Biased	97.427	99.548	2.121
80	30	LDR-Biased	97.136	101.58	4.444
81	30	LDR-Biased	97.393	97.439	0.046
82	30	LDR-Unbiased	99.238	102.09	2.856
83	30	LDR-Unbiased	100.4	96.924	-3.474
84	30	LDR-Unbiased	99.259	96.234	-3.025
85	30	LDR-Unbiased	101.55	99.591	-1.956
86	30	LDR-Unbiased	97.266	98.438	1.172
87	100	LDR-Biased	95.341	98.602	3.261
88	100	LDR-Biased	100.64	98.095	-2.547
90	100	LDR-Biased	98.68	100.7	2.018
91	100	LDR-Unbiased	96.881	104.66	7.78
93	100	LDR-Unbiased	99.919	100.35	0.434
94	100	LDR-Unbiased	100.32	102.1	1.782
95	100	LDR-Unbiased	97.607	98.79	1.183
96	100	LDR-Unbiased	97.071	102.39	5.319
106	50	LDR-Biased	100.13	100.06	-0.07
108	50	LDR-Biased	97.889	96.501	-1.388
109	50	LDR-Biased	97.427	95.681	-1.746
110	50	LDR-Biased	97.136	100.26	3.126
111	50	LDR-Biased	97.393	93.813	-3.58
112	50	LDR-Unbiased	99.238	97.894	-1.344
113	50	LDR-Unbiased	100.4	98.962	-1.436
115	50	LDR-Unbiased	101.55	97.846	-3.701
116	50	LDR-Unbiased	97.266	101.02	3.755
117	50	LDR-Unbiased	99.259	96.301	-2.958



Test Statistics (V/uSec)

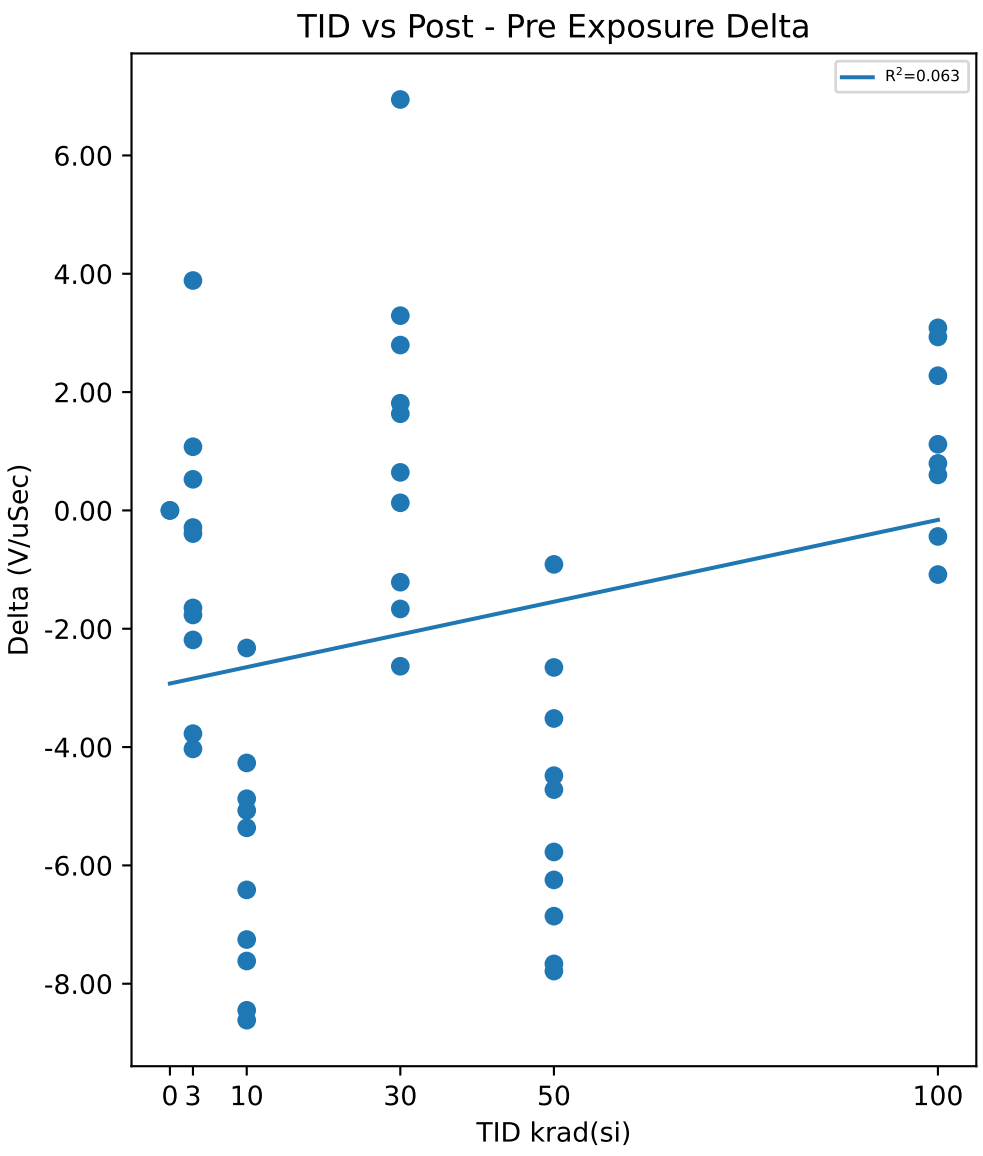
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.371	98.674	98.978	0.42921	98.371	98.674	98.978	0.42921	0	0	0	0
3	97.136	98.769	101.55	1.5666	94.373	98.71	102.32	2.3949	-3.679	-0.0582	4.068	2.3657
10	97.136	98.769	101.55	1.5666	93.766	95.326	97.639	1.4277	-6.624	-3.4422	-0.795	1.7876
30	97.136	98.769	101.55	1.5666	96.234	99.07	102.09	1.9745	-3.474	0.3012	4.444	2.5451
50	97.136	98.769	101.55	1.5666	93.813	97.835	101.02	2.2909	-3.701	-0.9342	3.755	2.5659
100	95.341	98.308	100.64	1.8934	98.095	100.71	104.66	2.251	-2.547	2.4038	7.78	3.1294

Device Test: 19.21 tsr_EN4_Falling/EN4/1.6/14/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

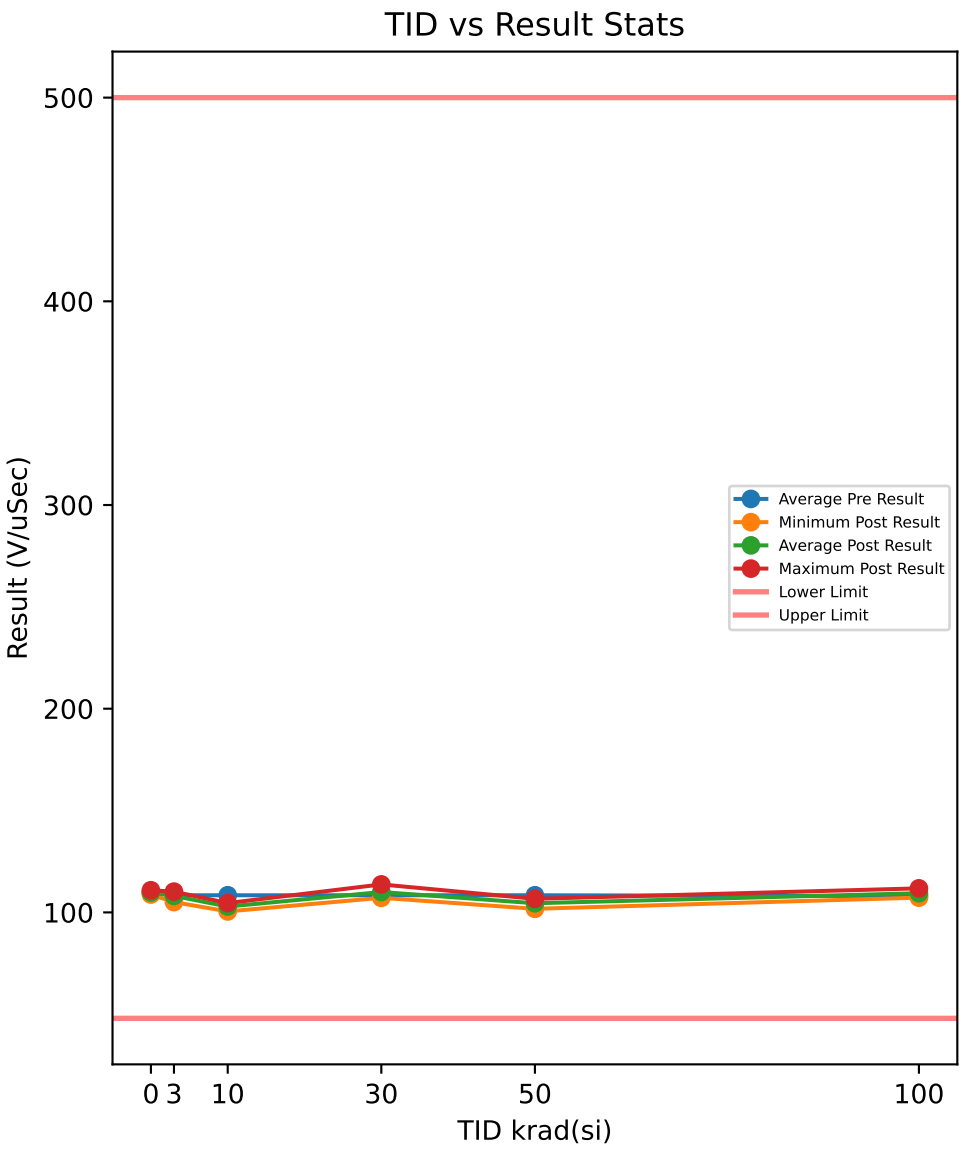
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	102.73	102.73	0
7	0	Correlation	106.17	106.17	0
16	3	LDR-Biased	105.38	106.45	1.076
18	3	LDR-Biased	101.87	105.76	3.886
19	3	LDR-Biased	103.45	103.06	-0.392
20	3	LDR-Biased	102.3	102.82	0.526
21	3	LDR-Biased	104.06	100.03	-4.031
22	3	LDR-Unbiased	106.08	104.43	-1.648
23	3	LDR-Unbiased	104.31	102.12	-2.189
25	3	LDR-Unbiased	104.88	104.59	-0.289
26	3	LDR-Unbiased	104.45	102.69	-1.767
27	3	LDR-Unbiased	104.75	100.97	-3.773
46	10	LDR-Biased	105.38	100.3	-5.071
48	10	LDR-Biased	101.87	99.546	-2.325
49	10	LDR-Biased	103.45	98.086	-5.365
50	10	LDR-Biased	102.3	98.027	-4.268
51	10	LDR-Biased	104.06	95.608	-8.449
52	10	LDR-Unbiased	106.08	99.662	-6.414
53	10	LDR-Unbiased	104.31	97.058	-7.253
55	10	LDR-Unbiased	104.88	100	-4.873
56	10	LDR-Unbiased	104.45	96.837	-7.616
57	10	LDR-Unbiased	104.75	96.132	-8.616
76	30	LDR-Biased	105.38	103.71	-1.665
78	30	LDR-Biased	101.87	108.82	6.946
79	30	LDR-Biased	103.45	103.58	0.129
80	30	LDR-Biased	102.3	105.59	3.292
81	30	LDR-Biased	104.06	102.84	-1.213
82	30	LDR-Unbiased	106.08	103.44	-2.634
83	30	LDR-Unbiased	104.31	105.94	1.634
84	30	LDR-Unbiased	104.75	105.39	0.643
85	30	LDR-Unbiased	104.88	106.69	1.812
86	30	LDR-Unbiased	104.45	107.25	2.795
87	100	LDR-Biased	103.33	106.42	3.086
88	100	LDR-Biased	103.63	103.19	-0.44
90	100	LDR-Biased	101.38	102.5	1.118
91	100	LDR-Unbiased	105.04	107.97	2.932
93	100	LDR-Unbiased	105.44	107.71	2.277
94	100	LDR-Unbiased	104.14	103.06	-1.084
95	100	LDR-Unbiased	105.1	105.89	0.795
96	100	LDR-Unbiased	104.88	105.48	0.6
106	50	LDR-Biased	105.38	102.72	-2.654
108	50	LDR-Biased	101.87	100.96	-0.912
109	50	LDR-Biased	103.45	97.678	-5.773
110	50	LDR-Biased	102.3	98.778	-3.517
111	50	LDR-Biased	104.06	96.271	-7.786
112	50	LDR-Unbiased	106.08	101.36	-4.719
113	50	LDR-Unbiased	104.31	97.453	-6.858
115	50	LDR-Unbiased	104.88	100.39	-4.483
116	50	LDR-Unbiased	104.45	98.208	-6.245
117	50	LDR-Unbiased	104.75	97.083	-7.665



Test Statistics (V/uSec)

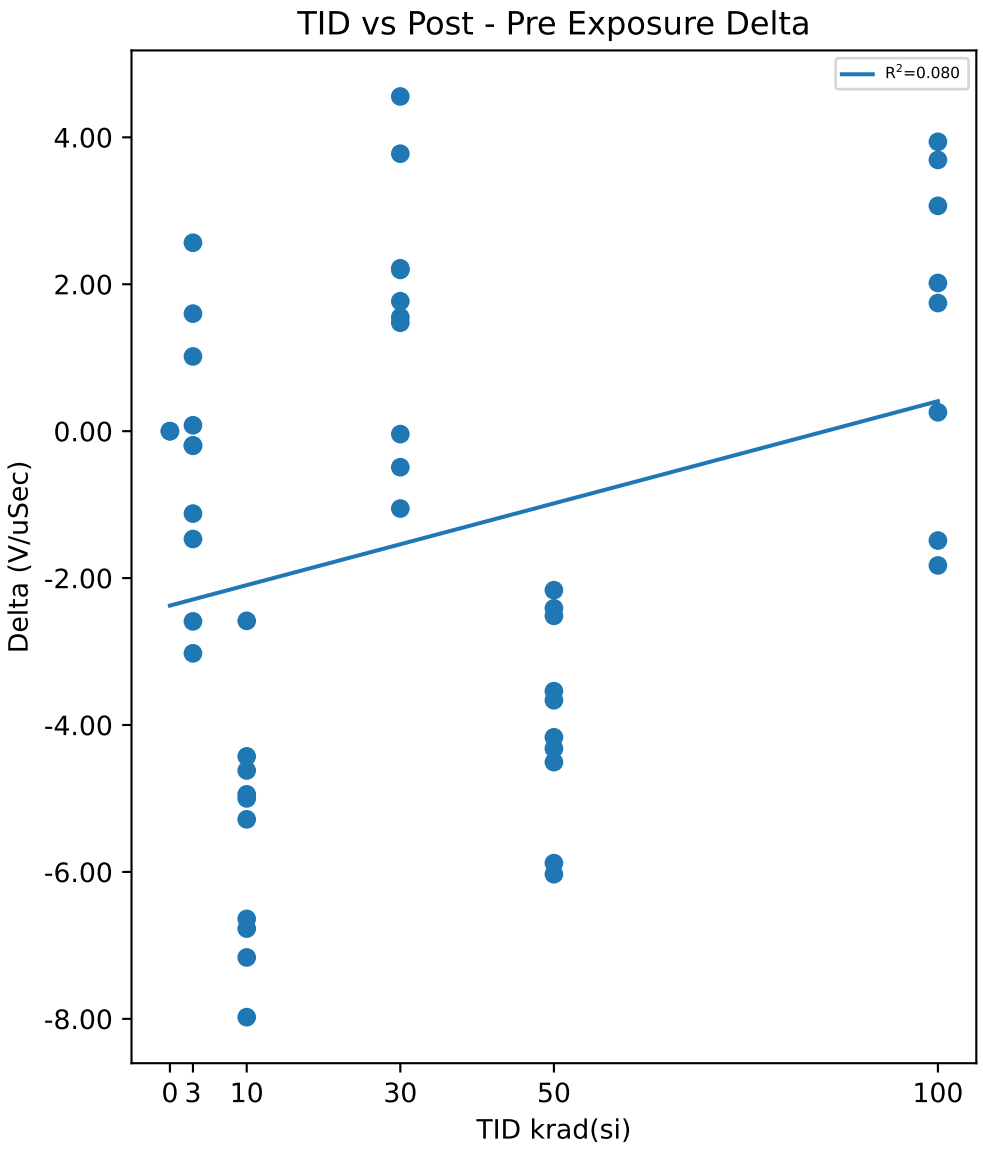
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	102.73	104.45	106.17	2.4317	102.73	104.45	106.17	2.4317	0	0	0	0
3	101.87	104.15	106.08	1.3058	100.03	103.29	106.45	2.0296	-4.031	-0.8601	3.886	2.3685
10	101.87	104.15	106.08	1.3058	95.608	98.126	100.3	1.6923	-8.616	-6.025	-2.325	2.0064
30	101.87	104.15	106.08	1.3058	102.84	105.33	108.82	1.9312	-2.634	1.1739	6.946	2.8024
50	101.87	104.15	106.08	1.3058	96.271	99.09	102.72	2.1354	-7.786	-5.0612	-0.912	2.2407
100	101.38	104.12	105.44	1.3351	102.5	105.28	107.97	2.1353	-1.084	1.1605	3.086	1.5185

Device Test: 19.22 tsr_PWRGD_Falling/PWRGD/1.6/14/0/0/0/@PWRGD_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

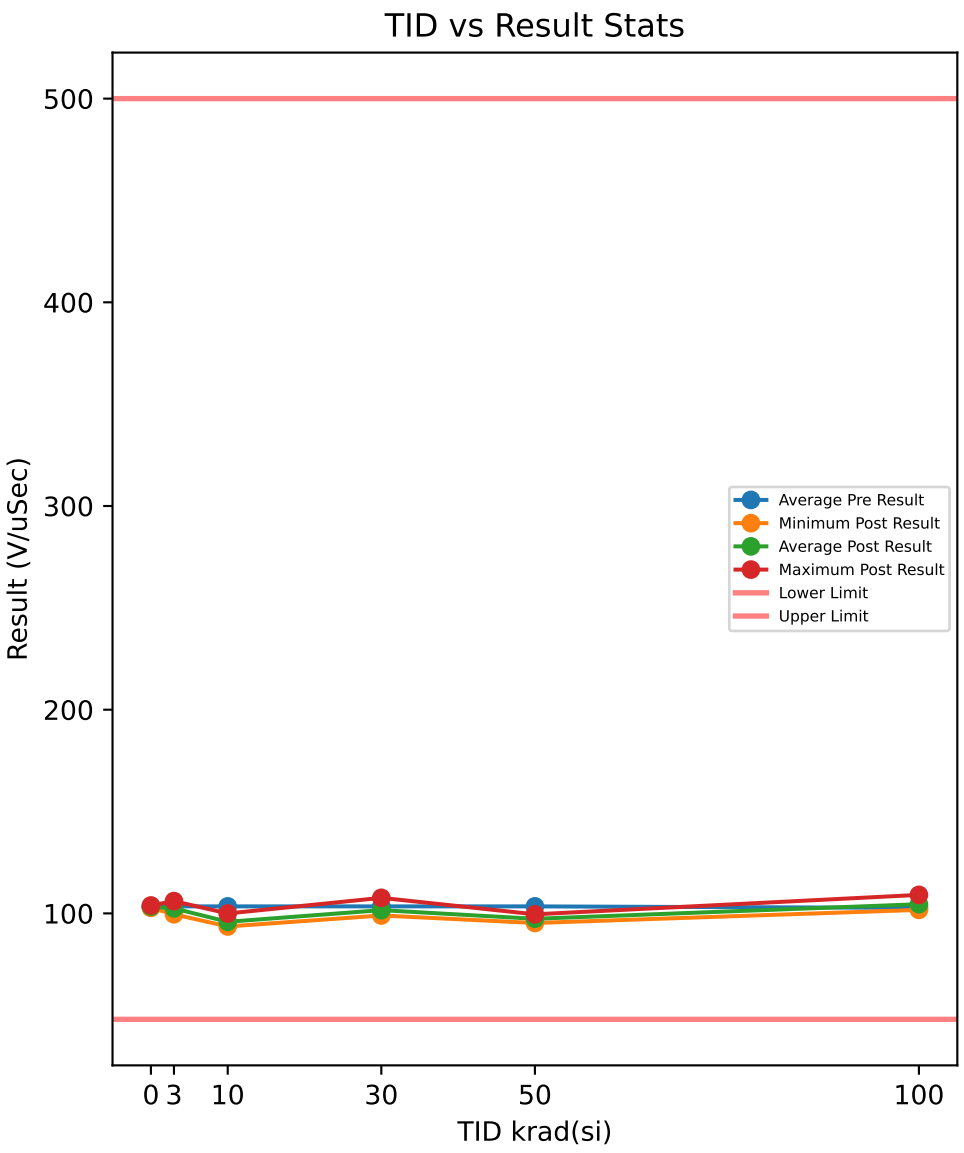
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	108.79	108.79	0
7	0	Correlation	110.87	110.87	0
16	3	LDR-Biased	109.58	109.38	-0.199
18	3	LDR-Biased	107.17	109.73	2.565
19	3	LDR-Biased	108.98	105.95	-3.024
20	3	LDR-Biased	107.66	107.74	0.08
21	3	LDR-Biased	107.65	105.06	-2.589
22	3	LDR-Unbiased	108.44	110.04	1.6
23	3	LDR-Unbiased	109.22	108.1	-1.122
25	3	LDR-Unbiased	109.18	110.19	1.017
26	3	LDR-Unbiased	108.78	108.59	-0.193
27	3	LDR-Unbiased	107.48	106.01	-1.468
46	10	LDR-Biased	109.58	104.58	-4.999
48	10	LDR-Biased	107.17	104.58	-2.582
49	10	LDR-Biased	108.98	101	-7.977
50	10	LDR-Biased	107.66	102.72	-4.944
51	10	LDR-Biased	107.65	100.48	-7.164
52	10	LDR-Unbiased	108.44	104.02	-4.427
53	10	LDR-Unbiased	109.22	102.58	-6.639
55	10	LDR-Unbiased	109.18	104.56	-4.619
56	10	LDR-Unbiased	108.78	103.5	-5.284
57	10	LDR-Unbiased	107.48	100.71	-6.771
76	30	LDR-Biased	109.58	111.34	1.769
78	30	LDR-Biased	107.17	110.94	3.777
79	30	LDR-Biased	108.98	107.92	-1.053
80	30	LDR-Biased	107.66	109.14	1.476
81	30	LDR-Biased	107.65	107.16	-0.491
82	30	LDR-Unbiased	108.44	110.66	2.217
83	30	LDR-Unbiased	109.22	109.18	-0.04
84	30	LDR-Unbiased	107.48	109.67	2.195
85	30	LDR-Unbiased	109.18	113.73	4.556
86	30	LDR-Unbiased	108.78	110.33	1.552
87	100	LDR-Biased	106.96	110.65	3.692
88	100	LDR-Biased	109.19	107.7	-1.489
90	100	LDR-Biased	107.13	107.38	0.257
91	100	LDR-Unbiased	108.61	111.68	3.067
93	100	LDR-Unbiased	107.87	111.81	3.939
94	100	LDR-Unbiased	109.08	107.25	-1.828
95	100	LDR-Unbiased	107.91	109.93	2.017
96	100	LDR-Unbiased	107.29	109.04	1.744
106	50	LDR-Biased	109.58	105.91	-3.663
108	50	LDR-Biased	107.17	105	-2.165
109	50	LDR-Biased	108.98	102.94	-6.031
110	50	LDR-Biased	107.66	104.12	-3.539
111	50	LDR-Biased	107.65	101.77	-5.88
112	50	LDR-Unbiased	108.44	106.03	-2.412
113	50	LDR-Unbiased	109.22	104.71	-4.505
115	50	LDR-Unbiased	109.18	106.66	-2.514
116	50	LDR-Unbiased	108.78	104.46	-4.321
117	50	LDR-Unbiased	107.48	103.31	-4.167



Test Statistics (V/uSec)

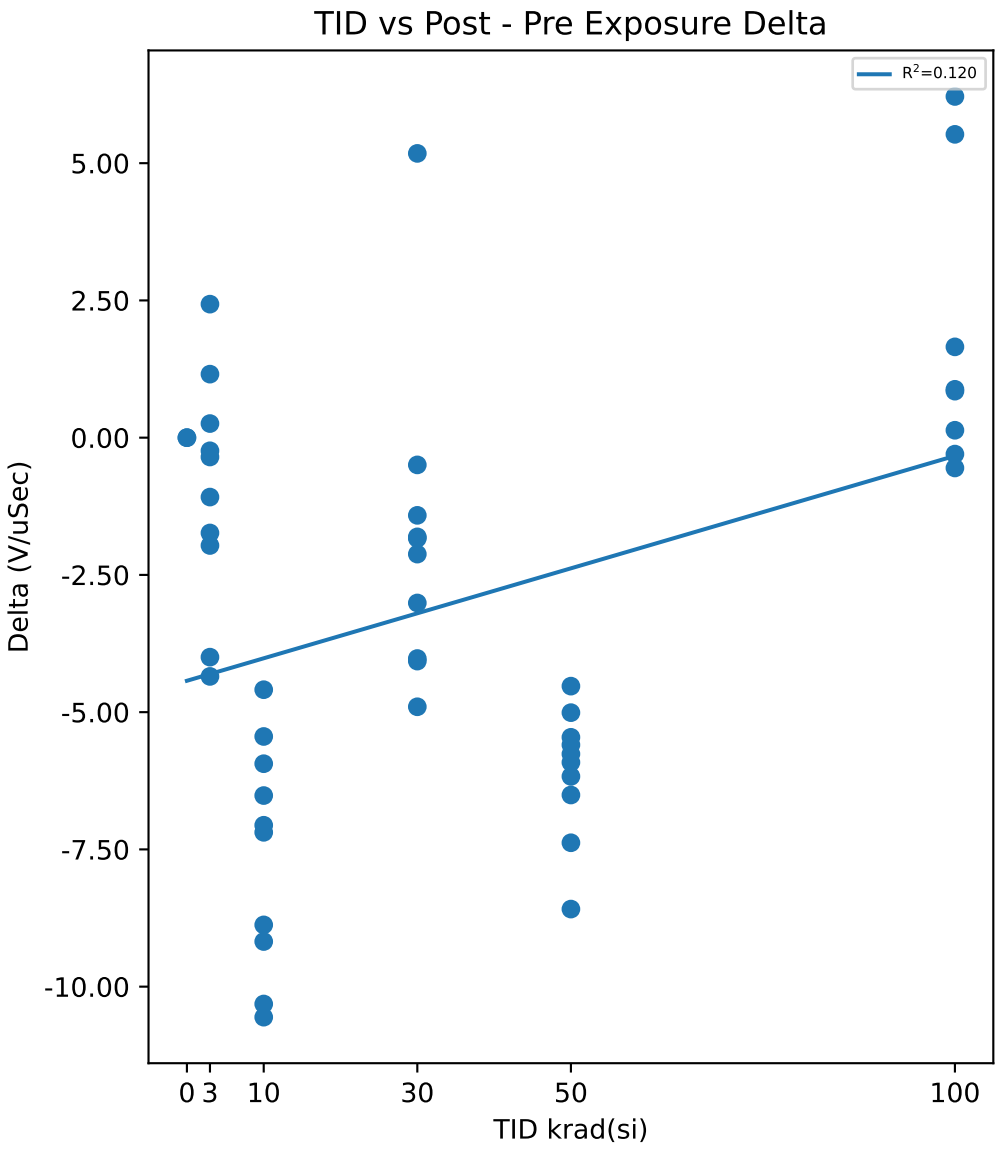
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	108.79	109.83	110.87	1.4743	108.79	109.83	110.87	1.4743	0	0	0	0
3	107.17	108.41	109.58	0.85705	105.06	108.08	110.19	1.8568	-3.024	-0.3333	2.565	1.7766
10	107.17	108.41	109.58	0.85705	100.48	102.87	104.58	1.6457	-7.977	-5.5406	-2.582	1.5934
30	107.17	108.41	109.58	0.85705	107.16	110.01	113.73	1.8588	-1.053	1.5958	4.556	1.7751
50	107.17	108.41	109.58	0.85705	101.77	104.49	106.66	1.5182	-6.031	-3.9197	-2.165	1.3501
100	106.96	108	109.19	0.87228	107.25	109.43	111.81	1.8711	-1.828	1.4249	3.939	2.2375

Device Test: 19.23 tsr_SEQ_Falling/SEQ_DONE/1.6/14/0/0/0/@SEQ_DONE_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

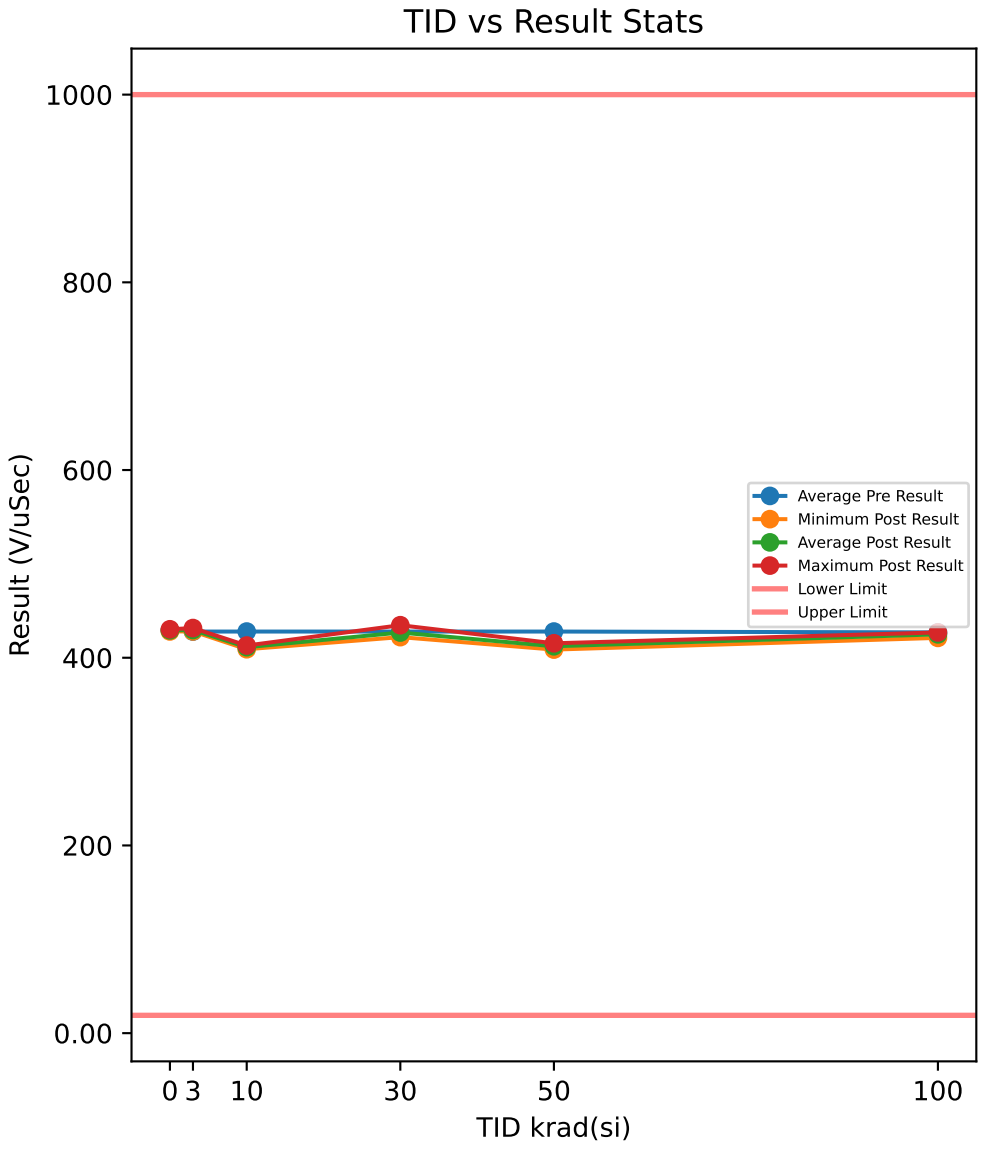
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	102.73	102.73	0
7	0	Correlation	103.89	103.89	0
16	3	LDR-Biased	103.34	102.98	-0.352
18	3	LDR-Biased	102.46	104.89	2.432
19	3	LDR-Biased	102.76	100.8	-1.964
20	3	LDR-Biased	102.65	100.92	-1.736
21	3	LDR-Biased	103.91	99.562	-4.349
22	3	LDR-Unbiased	104.56	103.48	-1.082
23	3	LDR-Unbiased	104.82	100.82	-3.998
25	3	LDR-Unbiased	104.88	106.04	1.157
26	3	LDR-Unbiased	103.88	103.64	-0.239
27	3	LDR-Unbiased	101.2	101.46	0.257
46	10	LDR-Biased	103.34	96.817	-6.519
48	10	LDR-Biased	102.46	96.519	-5.939
49	10	LDR-Biased	102.76	93.585	-9.178
50	10	LDR-Biased	102.65	97.21	-5.443
51	10	LDR-Biased	103.91	93.595	-10.316
52	10	LDR-Unbiased	104.56	99.968	-4.591
53	10	LDR-Unbiased	104.82	94.262	-10.556
55	10	LDR-Unbiased	104.88	97.819	-7.06
56	10	LDR-Unbiased	103.88	95.001	-8.875
57	10	LDR-Unbiased	101.2	94.013	-7.189
76	30	LDR-Biased	103.34	101.92	-1.415
78	30	LDR-Biased	102.46	107.64	5.178
79	30	LDR-Biased	102.76	100.93	-1.835
80	30	LDR-Biased	102.65	100.53	-2.121
81	30	LDR-Biased	103.91	99.841	-4.07
82	30	LDR-Unbiased	104.56	100.54	-4.023
83	30	LDR-Unbiased	104.82	101.81	-3.011
84	30	LDR-Unbiased	101.2	99.395	-1.807
85	30	LDR-Unbiased	104.88	104.38	-0.496
86	30	LDR-Unbiased	103.88	98.974	-4.902
87	100	LDR-Biased	103.86	104.75	0.881
88	100	LDR-Biased	102.53	104.19	1.654
90	100	LDR-Biased	101.6	101.73	0.135
91	100	LDR-Unbiased	103.56	109.09	5.525
93	100	LDR-Unbiased	101	107.22	6.215
94	100	LDR-Unbiased	102.39	103.24	0.847
95	100	LDR-Unbiased	103.89	103.59	-0.299
96	100	LDR-Unbiased	102.84	102.29	-0.552
106	50	LDR-Biased	103.34	97.574	-5.762
108	50	LDR-Biased	102.46	97.932	-4.526
109	50	LDR-Biased	102.76	97.167	-5.596
110	50	LDR-Biased	102.65	96.483	-6.17
111	50	LDR-Biased	103.91	95.324	-8.587
112	50	LDR-Unbiased	104.56	99.55	-5.009
113	50	LDR-Unbiased	104.82	98.309	-6.509
115	50	LDR-Unbiased	104.88	99.421	-5.458
116	50	LDR-Unbiased	103.88	96.497	-7.379
117	50	LDR-Unbiased	101.2	95.287	-5.915

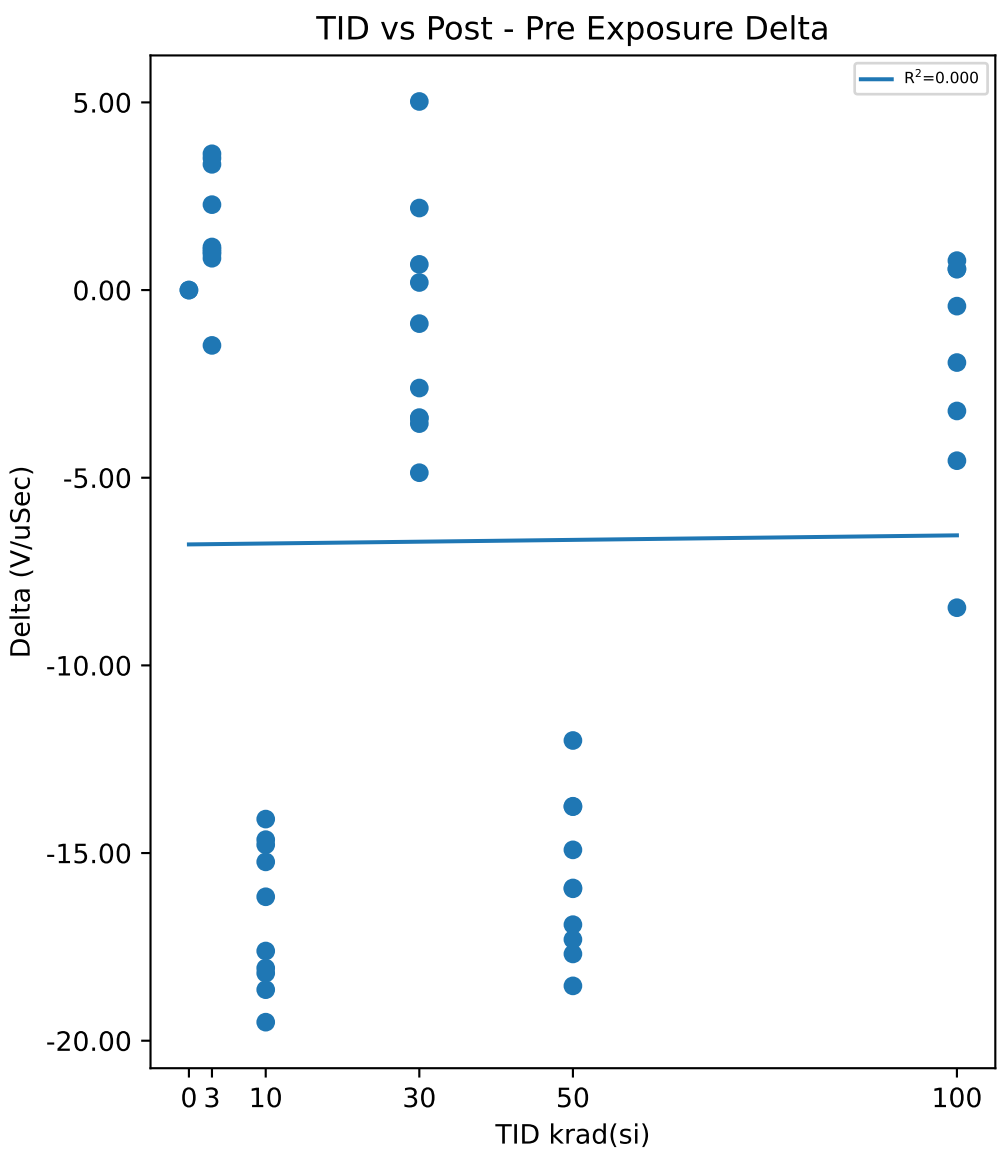


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	102.73	103.31	103.89	0.81742	102.73	103.31	103.89	0.81742	0	0	0	0
3	101.2	103.45	104.88	1.1877	99.562	102.46	106.04	2.0714	-4.349	-0.9874	2.432	2.1263
10	101.2	103.45	104.88	1.1877	93.585	95.879	99.968	2.1315	-10.556	-7.5666	-4.591	2.0633
30	101.2	103.45	104.88	1.1877	98.974	101.6	107.64	2.6226	-4.902	-1.8502	5.178	2.8246
50	101.2	103.45	104.88	1.1877	95.287	97.354	99.55	1.5023	-8.587	-6.0911	-4.526	1.1773
100	101	102.71	103.89	1.0532	101.73	104.51	109.09	2.4948	-0.552	1.8007	6.215	2.6146

Device Test: 19.24 tsr_EN1_Rising/EN1/7/3/0/0/0/@EN_SLEW_RATE_RISE





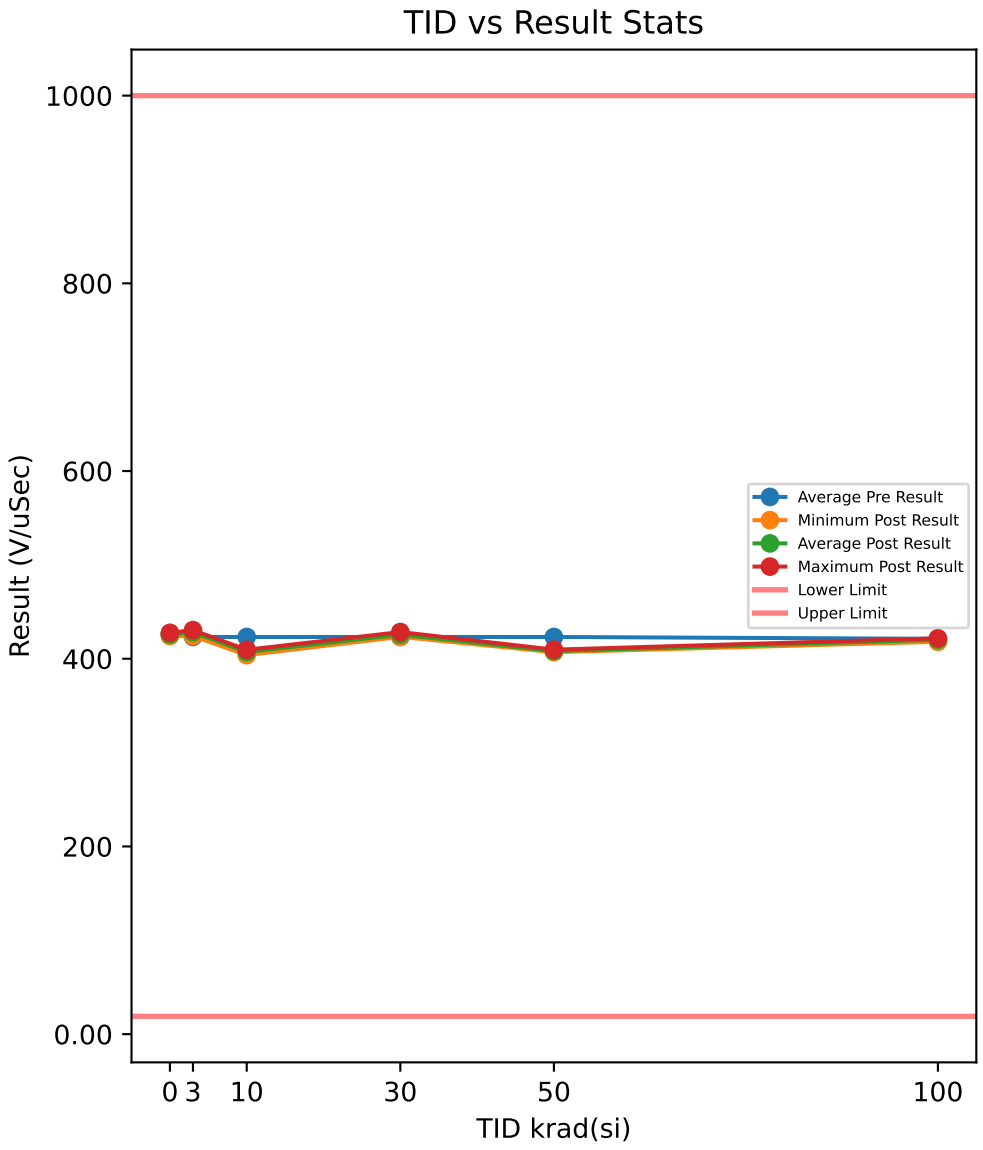
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

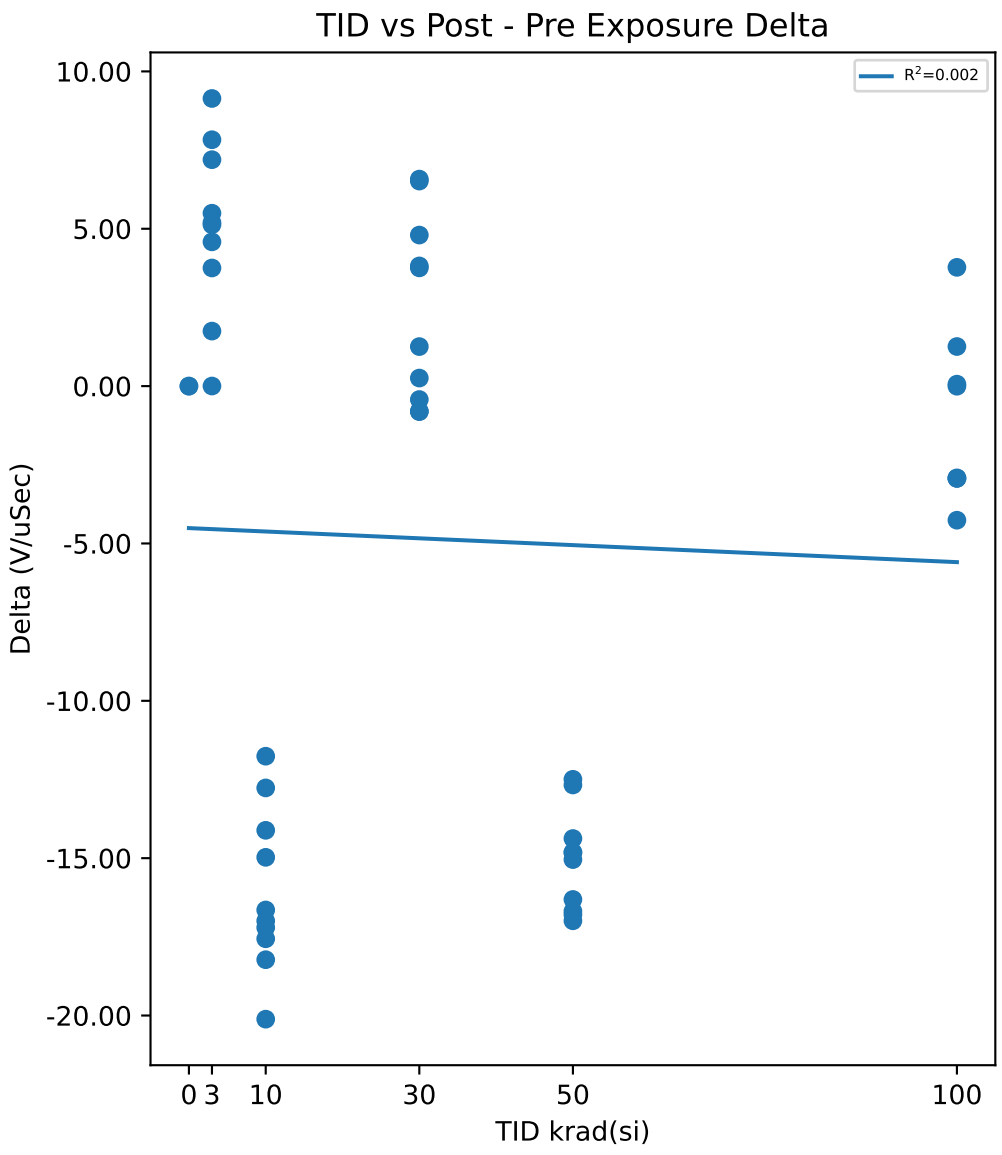
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	430.33	430.33	0
7	0	Correlation	428.03	428.03	0
16	3	LDR-Biased	425.38	428.89	3.517
18	3	LDR-Biased	427.65	428.67	1.02
19	3	LDR-Biased	429.53	428.06	-1.474
20	3	LDR-Biased	427.94	429.08	1.148
21	3	LDR-Biased	429.36	431.64	2.276
22	3	LDR-Unbiased	427.41	428.25	0.848
23	3	LDR-Unbiased	429.64	430.73	1.086
25	3	LDR-Unbiased	427.27	430.9	3.631
26	3	LDR-Unbiased	426	429.35	3.35
27	3	LDR-Unbiased	428.93	429.89	0.963
46	10	LDR-Biased	425.38	410.14	-15.235
48	10	LDR-Biased	427.65	413.01	-14.643
49	10	LDR-Biased	429.53	410.03	-19.506
50	10	LDR-Biased	427.94	411.77	-16.165
51	10	LDR-Biased	429.36	411.29	-18.066
52	10	LDR-Unbiased	427.41	412.63	-14.779
53	10	LDR-Unbiased	429.64	411	-18.64
55	10	LDR-Unbiased	427.27	409.07	-18.199
56	10	LDR-Unbiased	426	411.9	-14.095
57	10	LDR-Unbiased	428.93	411.32	-17.61
76	30	LDR-Biased	425.38	421.96	-3.417
78	30	LDR-Biased	427.65	427.85	0.202
79	30	LDR-Biased	429.53	428.64	-0.894
80	30	LDR-Biased	427.94	425.33	-2.61
81	30	LDR-Biased	429.36	425.8	-3.558
82	30	LDR-Unbiased	427.41	429.59	2.186
83	30	LDR-Unbiased	429.64	434.67	5.025
84	30	LDR-Unbiased	428.93	424.06	-4.866
85	30	LDR-Unbiased	427.27	427.95	0.685
86	30	LDR-Unbiased	426	422.6	-3.398
87	100	LDR-Biased	429.27	424.73	-4.546
88	100	LDR-Biased	426.51	423.29	-3.221
90	100	LDR-Biased	424.1	424.88	0.785
91	100	LDR-Unbiased	425.72	426.29	0.566
93	100	LDR-Unbiased	429.62	421.15	-8.463
94	100	LDR-Unbiased	426.14	426.7	0.556
95	100	LDR-Unbiased	427.39	426.96	-0.428
96	100	LDR-Unbiased	427.41	425.48	-1.931
106	50	LDR-Biased	425.38	410.46	-14.915
108	50	LDR-Biased	427.65	413.9	-13.753
109	50	LDR-Biased	429.53	413.6	-15.93
110	50	LDR-Biased	427.94	410.25	-17.688
111	50	LDR-Biased	429.36	412.45	-16.908
112	50	LDR-Unbiased	427.41	415.4	-12.001
113	50	LDR-Unbiased	429.64	411.1	-18.539
115	50	LDR-Unbiased	427.27	413.5	-13.764
116	50	LDR-Unbiased	426	408.69	-17.303
117	50	LDR-Unbiased	428.93	412.98	-15.952

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	428.03	429.18	430.33	1.6228	428.03	429.18	430.33	1.6228	0	0	0	0
3	425.38	427.91	429.64	1.4757	428.06	429.55	431.64	1.2037	-1.474	1.6365	3.631	1.5823
10	425.38	427.91	429.64	1.4757	409.07	411.22	413.01	1.2123	-19.506	-16.694	-14.095	1.9356
30	425.38	427.91	429.64	1.4757	421.96	426.85	434.67	3.7601	-4.866	-1.0645	5.025	3.098
50	425.38	427.91	429.64	1.4757	408.69	412.23	415.4	2.0494	-18.539	-15.675	-12.001	2.0545
100	424.1	427.02	429.62	1.8256	421.15	424.93	426.96	1.9422	-8.463	-2.0853	0.785	3.2301

Device Test: 19.25 tsr_EN2_Rising/EN2/7/3/0/0/0/@EN_SLEW_RATE_RISE





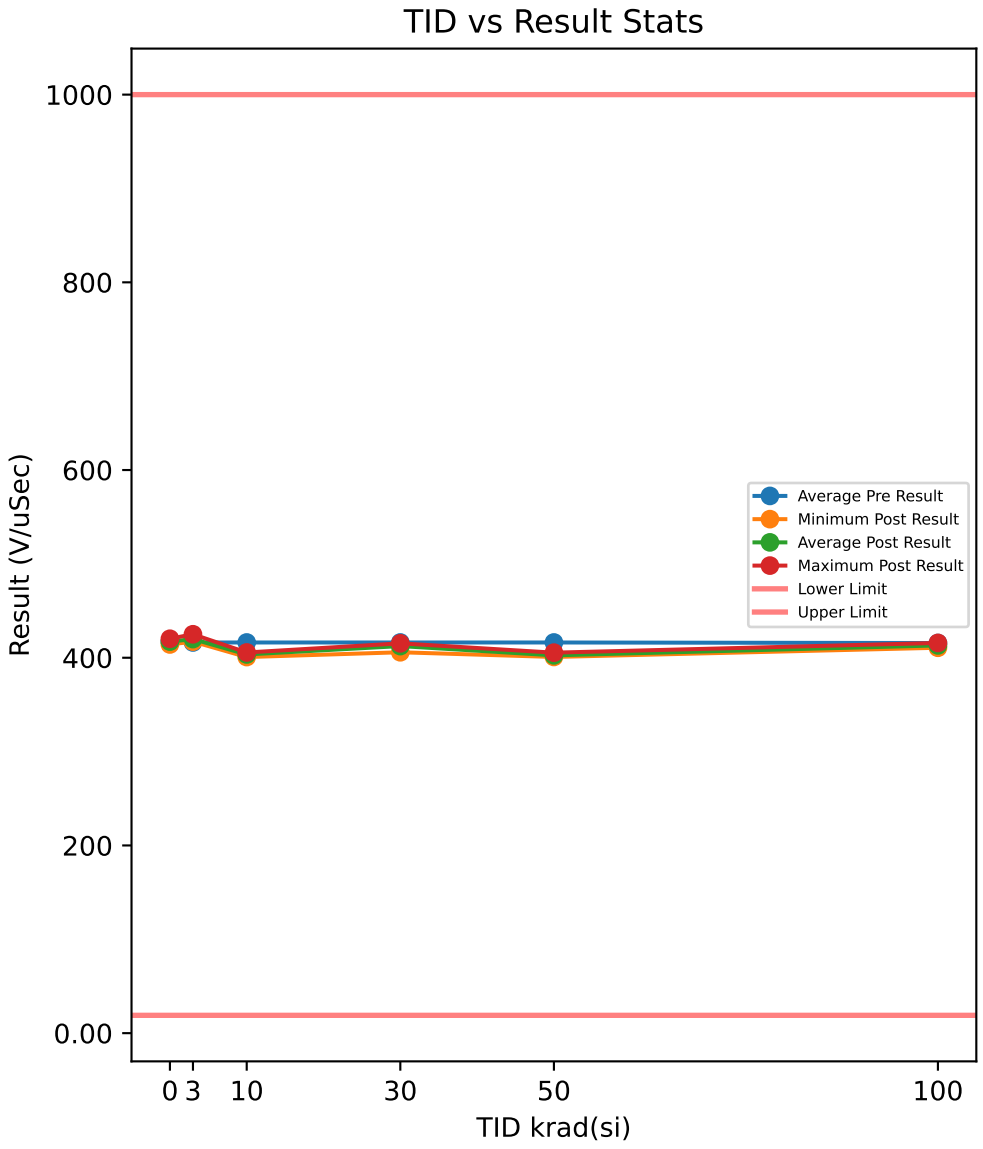
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

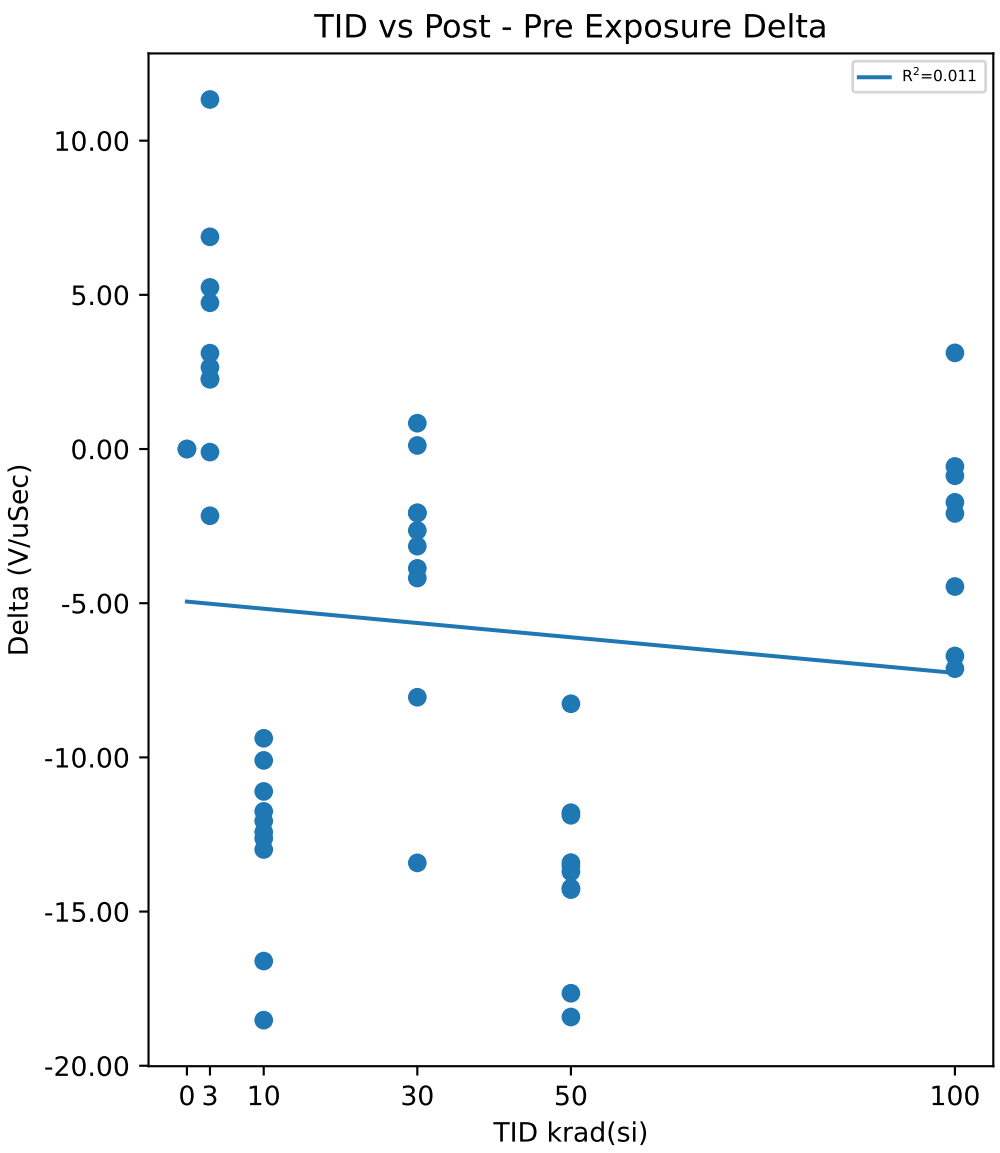
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	424.2	424.2	0
7	0	Correlation	427.62	427.62	0
16	3	LDR-Biased	424.16	429.66	5.494
18	3	LDR-Biased	424.09	428.68	4.584
19	3	LDR-Biased	423.65	428.85	5.198
20	3	LDR-Biased	421.79	428.99	7.195
21	3	LDR-Biased	424.73	428.49	3.754
22	3	LDR-Unbiased	421.34	430.48	9.14
23	3	LDR-Unbiased	424.09	424.09	0.003
25	3	LDR-Unbiased	423.96	425.71	1.748
26	3	LDR-Unbiased	421.83	429.65	7.829
27	3	LDR-Unbiased	422.33	427.46	5.128
46	10	LDR-Biased	424.16	409.19	-14.973
48	10	LDR-Biased	424.09	407.1	-16.993
49	10	LDR-Biased	423.65	406.09	-17.561
50	10	LDR-Biased	421.79	409.02	-12.768
51	10	LDR-Biased	424.73	408.09	-16.646
52	10	LDR-Unbiased	421.34	409.58	-11.76
53	10	LDR-Unbiased	424.09	405.86	-18.226
55	10	LDR-Unbiased	423.96	403.84	-20.116
56	10	LDR-Unbiased	421.83	407.71	-14.115
57	10	LDR-Unbiased	422.33	405.12	-17.205
76	30	LDR-Biased	424.16	423.74	-0.426
78	30	LDR-Biased	424.09	425.35	1.256
79	30	LDR-Biased	423.65	428.45	4.8
80	30	LDR-Biased	421.79	425.61	3.819
81	30	LDR-Biased	424.73	423.92	-0.811
82	30	LDR-Unbiased	421.34	427.92	6.578
83	30	LDR-Unbiased	424.09	423.29	-0.796
84	30	LDR-Unbiased	422.33	426.08	3.757
85	30	LDR-Unbiased	423.96	424.21	0.256
86	30	LDR-Unbiased	421.83	428.34	6.515
87	100	LDR-Biased	422.64	419.7	-2.932
88	100	LDR-Biased	423.2	420.29	-2.916
90	100	LDR-Biased	417.67	421.44	3.774
91	100	LDR-Unbiased	423.22	420.29	-2.93
93	100	LDR-Unbiased	421.72	421.78	0.062
94	100	LDR-Unbiased	419.35	419.35	-0.004
95	100	LDR-Unbiased	419.77	421.03	1.258
96	100	LDR-Unbiased	422.31	418.05	-4.261
106	50	LDR-Biased	424.16	407.37	-16.797
108	50	LDR-Biased	424.09	407.1	-16.99
109	50	LDR-Biased	423.65	406.97	-16.685
110	50	LDR-Biased	421.79	409.3	-12.494
111	50	LDR-Biased	424.73	409.69	-15.045
112	50	LDR-Unbiased	421.34	408.66	-12.674
113	50	LDR-Unbiased	424.09	409.27	-14.814
115	50	LDR-Unbiased	423.96	407.65	-16.312
116	50	LDR-Unbiased	421.83	407.45	-14.376
117	50	LDR-Unbiased	422.33	407.51	-14.821

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	424.2	425.91	427.62	2.4169	424.2	425.91	427.62	2.4169	0	0	0	0
3	421.34	423.2	424.73	1.2361	424.09	428.2	430.48	1.9557	0.003	5.0073	9.14	2.7392
10	421.34	423.2	424.73	1.2361	403.84	407.16	409.58	1.9023	-20.116	-16.036	-11.76	2.5864
30	421.34	423.2	424.73	1.2361	423.29	425.69	428.45	1.9655	-0.811	2.4948	6.578	2.9502
50	421.34	423.2	424.73	1.2361	406.97	408.1	409.69	1.0245	-16.99	-15.101	-12.494	1.6261
100	417.67	421.23	423.22	2.0548	418.05	420.24	421.78	1.2155	-4.261	-0.99363	3.774	2.7196

Device Test: 19.26 tsr_EN3_Rising/EN3/7/3/0/0/0/@EN_SLEW_RATE_RISE





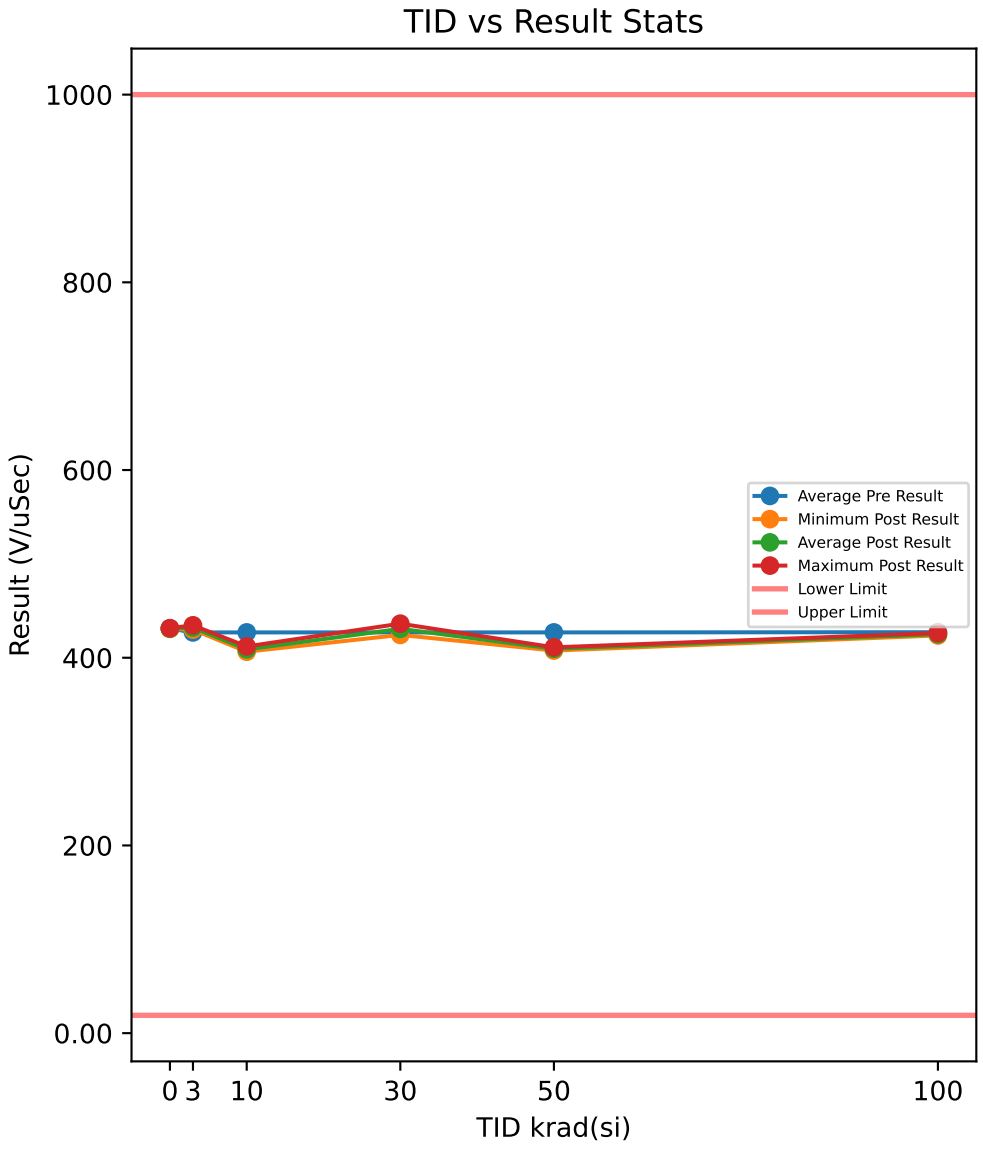
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	414.16	414.16	0
7	0	Correlation	420.23	420.23	0
16	3	LDR-Biased	413.68	425.01	11.336
18	3	LDR-Biased	415.28	417.54	2.261
19	3	LDR-Biased	416.17	421.41	5.241
20	3	LDR-Biased	416.47	419.58	3.109
21	3	LDR-Biased	415.23	422.11	6.882
22	3	LDR-Unbiased	413.89	418.63	4.743
23	3	LDR-Unbiased	419.31	417.15	-2.164
25	3	LDR-Unbiased	419.26	419.16	-0.1
26	3	LDR-Unbiased	416.71	419.36	2.648
27	3	LDR-Unbiased	416.66	418.93	2.277
46	10	LDR-Biased	413.68	404.3	-9.38
48	10	LDR-Biased	415.28	403.21	-12.063
49	10	LDR-Biased	416.17	403.18	-12.987
50	10	LDR-Biased	416.47	403.84	-12.626
51	10	LDR-Biased	415.23	402.81	-12.424
52	10	LDR-Unbiased	413.89	403.79	-10.097
53	10	LDR-Unbiased	419.31	402.71	-16.605
55	10	LDR-Unbiased	419.26	400.74	-18.522
56	10	LDR-Unbiased	416.71	405.6	-11.104
57	10	LDR-Unbiased	416.66	404.91	-11.75
76	30	LDR-Biased	413.68	409.81	-3.87
78	30	LDR-Biased	415.28	413.2	-2.076
79	30	LDR-Biased	416.17	411.99	-4.183
80	30	LDR-Biased	416.47	413.32	-3.15
81	30	LDR-Biased	415.23	415.35	0.116
82	30	LDR-Unbiased	413.89	414.73	0.838
83	30	LDR-Unbiased	419.31	411.26	-8.049
84	30	LDR-Unbiased	416.66	414.01	-2.642
85	30	LDR-Unbiased	419.26	405.84	-13.421
86	30	LDR-Unbiased	416.71	414.64	-2.067
87	100	LDR-Biased	417.84	411.13	-6.711
88	100	LDR-Biased	415.49	413.4	-2.089
90	100	LDR-Biased	417.49	415.76	-1.728
91	100	LDR-Unbiased	415.09	410.63	-4.459
93	100	LDR-Unbiased	418.83	411.7	-7.123
94	100	LDR-Unbiased	413.8	412.94	-0.867
95	100	LDR-Unbiased	415.95	415.39	-0.565
96	100	LDR-Unbiased	410.9	414.02	3.118
106	50	LDR-Biased	413.68	405.42	-8.261
108	50	LDR-Biased	415.28	401.04	-14.238
109	50	LDR-Biased	416.17	402.46	-13.709
110	50	LDR-Biased	416.47	403.06	-13.413
111	50	LDR-Biased	415.23	403.44	-11.793
112	50	LDR-Unbiased	413.89	402.01	-11.878
113	50	LDR-Unbiased	419.31	401.66	-17.649
115	50	LDR-Unbiased	419.26	400.84	-18.419
116	50	LDR-Unbiased	416.71	402.42	-14.288
117	50	LDR-Unbiased	416.66	403.13	-13.521

Test Statistics (V/uSec)

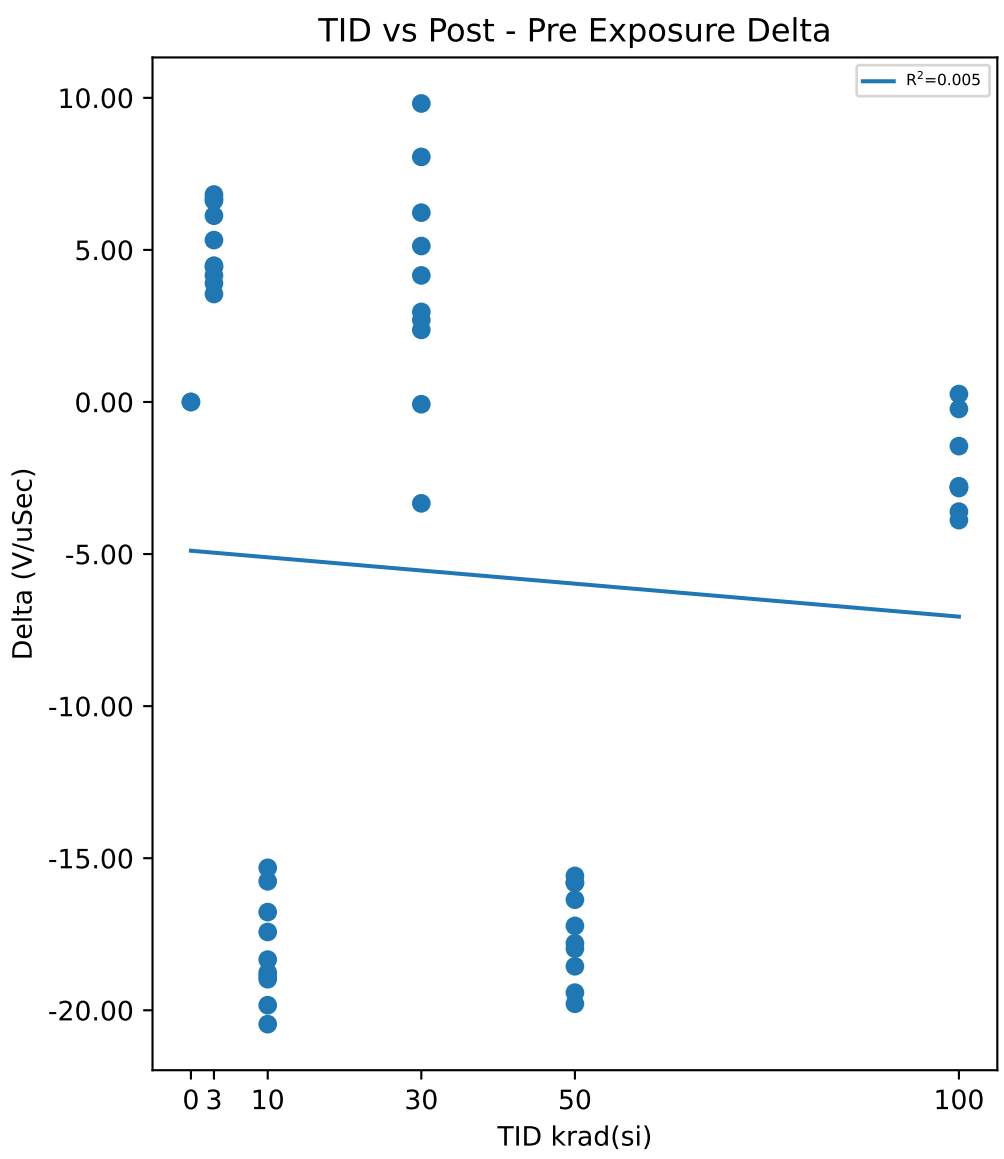
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	414.16	417.19	420.23	4.2964	414.16	417.19	420.23	4.2964	0	0	0	0
3	413.68	416.26	419.31	1.9155	417.15	419.89	425.01	2.3564	-2.164	3.6233	11.336	3.7449
10	413.68	416.26	419.31	1.9155	400.74	403.51	405.6	1.3407	-18.522	-12.756	-9.38	2.8074
30	413.68	416.26	419.31	1.9155	405.84	412.41	415.35	2.8764	-13.421	-3.8504	0.838	4.1544
50	413.68	416.26	419.31	1.9155	400.84	402.55	405.42	1.3303	-18.419	-13.717	-8.261	2.8896
100	410.9	415.67	418.83	2.5263	410.63	413.12	415.76	1.8989	-7.123	-2.553	3.118	3.4155

Device Test: 19.27 tsr_EN4_Rising/EN4/7/3/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

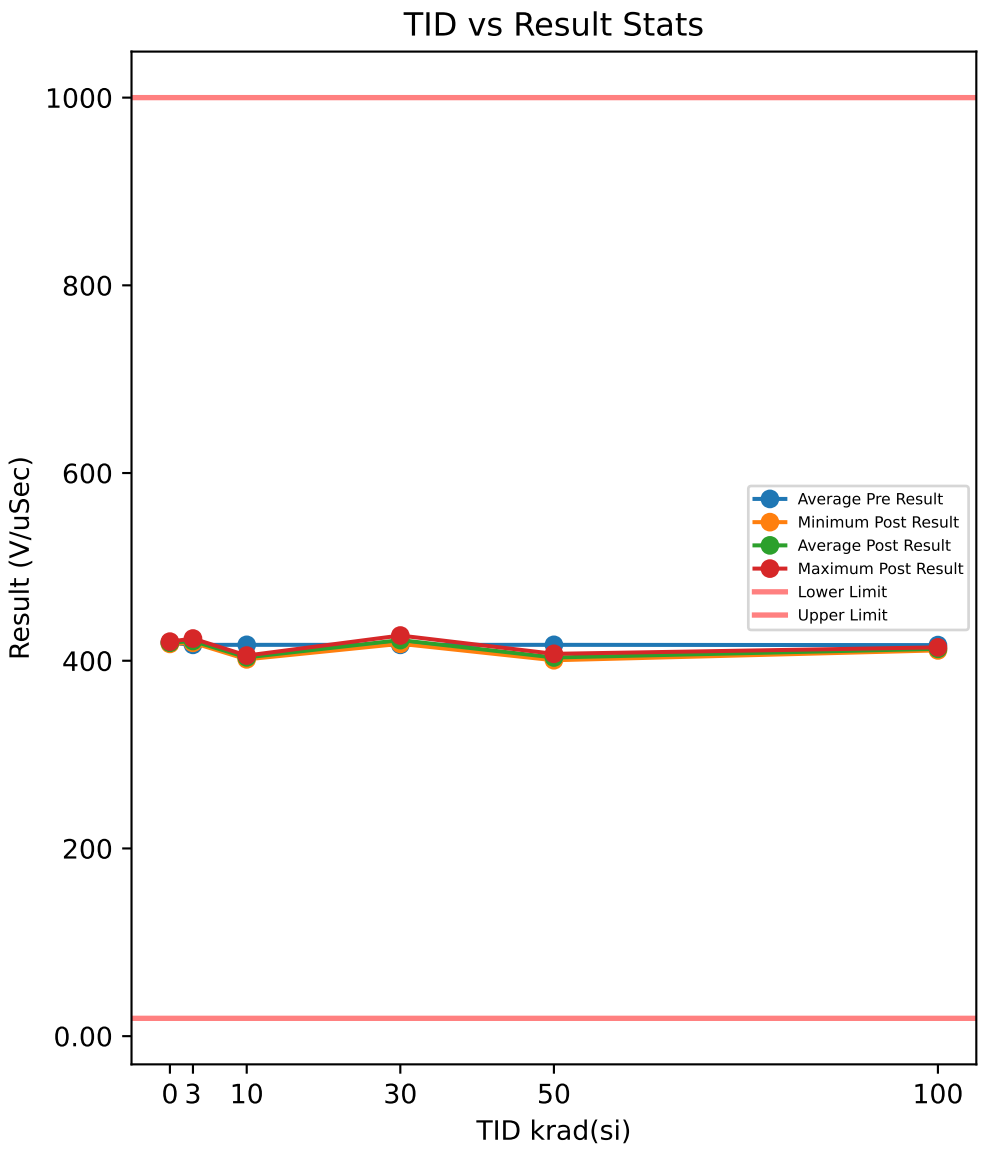
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	430.78	430.78	0
7	0	Correlation	431.49	431.49	0
16	3	LDR-Biased	426.12	432.94	6.822
18	3	LDR-Biased	426.41	429.96	3.55
19	3	LDR-Biased	425.44	432.06	6.617
20	3	LDR-Biased	430.39	434.56	4.164
21	3	LDR-Biased	428.25	432.69	4.44
22	3	LDR-Unbiased	426.5	431.83	5.323
23	3	LDR-Unbiased	427.65	432.13	4.482
25	3	LDR-Unbiased	426.91	430.81	3.901
26	3	LDR-Unbiased	426.2	432.32	6.125
27	3	LDR-Unbiased	425.99	432.68	6.694
46	10	LDR-Biased	426.12	410.36	-15.76
48	10	LDR-Biased	426.41	406.58	-19.833
49	10	LDR-Biased	425.44	410.13	-15.316
50	10	LDR-Biased	430.39	412.06	-18.334
51	10	LDR-Biased	428.25	409.27	-18.979
52	10	LDR-Unbiased	426.5	407.75	-18.76
53	10	LDR-Unbiased	427.65	408.77	-18.878
55	10	LDR-Unbiased	426.91	406.45	-20.457
56	10	LDR-Unbiased	426.2	409.43	-16.772
57	10	LDR-Unbiased	425.99	408.56	-17.425
76	30	LDR-Biased	426.12	432.34	6.225
78	30	LDR-Biased	426.41	426.34	-0.073
79	30	LDR-Biased	425.44	430.57	5.128
80	30	LDR-Biased	430.39	434.55	4.161
81	30	LDR-Biased	428.25	436.3	8.058
82	30	LDR-Unbiased	426.5	429.47	2.962
83	30	LDR-Unbiased	427.65	424.32	-3.332
84	30	LDR-Unbiased	425.99	435.8	9.815
85	30	LDR-Unbiased	426.91	429.28	2.37
86	30	LDR-Unbiased	426.2	428.89	2.696
87	100	LDR-Biased	429.42	425.53	-3.884
88	100	LDR-Biased	425.9	425.67	-0.229
90	100	LDR-Biased	425.2	425.46	0.261
91	100	LDR-Unbiased	427	424.23	-2.771
93	100	LDR-Unbiased	427.34	423.73	-3.605
94	100	LDR-Unbiased	425.98	424.52	-1.451
95	100	LDR-Unbiased	429.18	426.35	-2.829
96	100	LDR-Unbiased	427.72	424.92	-2.797
106	50	LDR-Biased	426.12	409.75	-16.364
108	50	LDR-Biased	426.41	408.44	-17.975
109	50	LDR-Biased	425.44	407.65	-17.796
110	50	LDR-Biased	430.39	410.61	-19.786
111	50	LDR-Biased	428.25	409.69	-18.554
112	50	LDR-Unbiased	426.5	409.28	-17.226
113	50	LDR-Unbiased	427.65	408.23	-19.42
115	50	LDR-Unbiased	426.91	411.09	-15.815
116	50	LDR-Unbiased	426.2	410.62	-15.583
117	50	LDR-Unbiased	425.99	410.19	-15.795

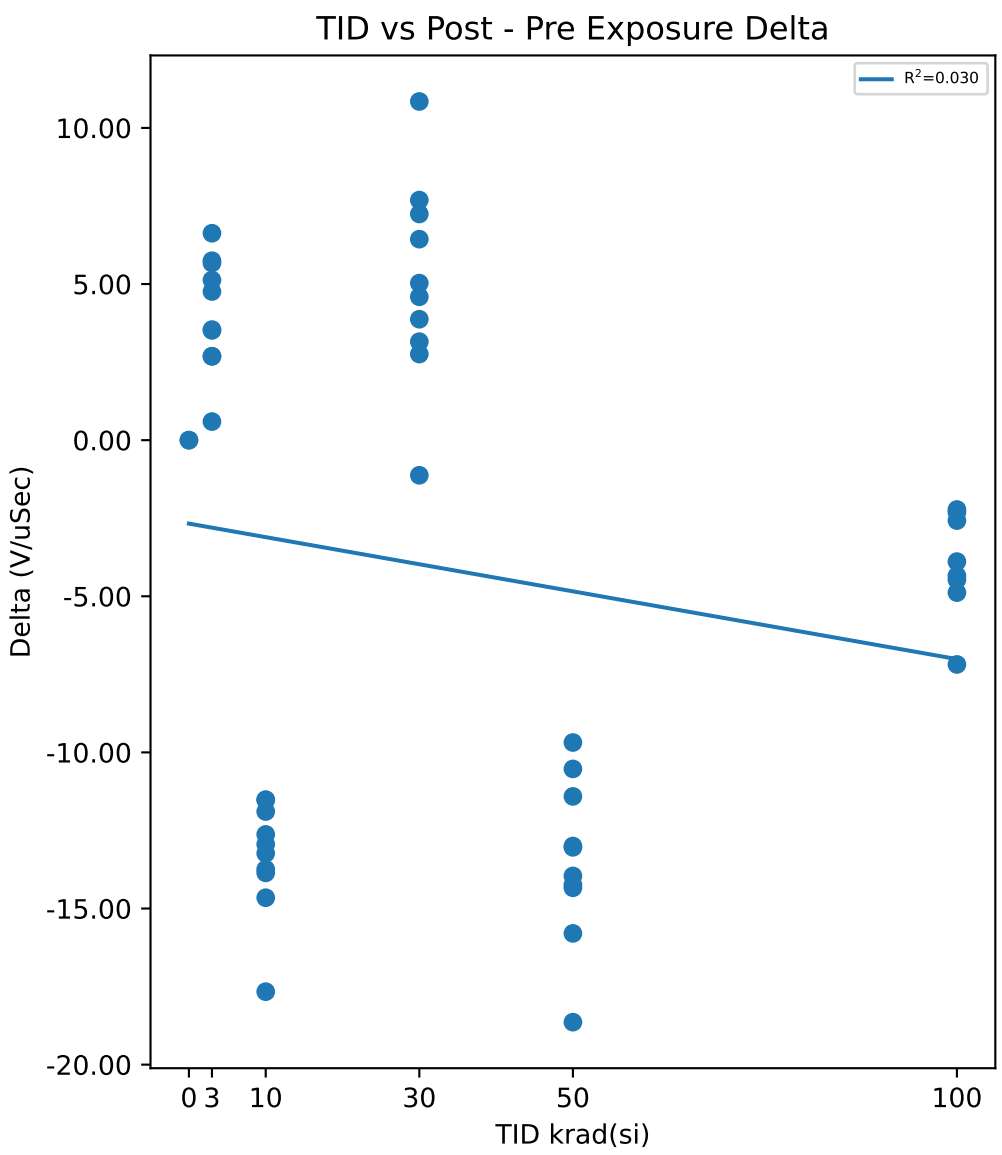


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	430.78	431.14	431.49	0.49922	430.78	431.14	431.49	0.49922	0	0	0	0
3	425.44	426.99	430.39	1.451	429.96	432.2	434.56	1.2329	3.55	5.2118	6.822	1.2612
10	425.44	426.99	430.39	1.451	406.45	408.93	412.06	1.727	-20.457	-18.051	-15.316	1.6947
30	425.44	426.99	430.39	1.451	424.32	430.79	436.3	3.9646	-3.332	3.801	9.815	3.8285
50	425.44	426.99	430.39	1.451	407.65	409.55	411.09	1.144	-19.786	-17.431	-15.583	1.5303
100	425.2	427.22	429.42	1.5268	423.73	425.05	426.35	0.86053	-3.884	-2.1631	0.261	1.5297

Device Test: 19.28 tsr_PWRGD_Rising/PWRGD/7/3/0/0/0/@PWRGD_SLEW_RATE_RISE





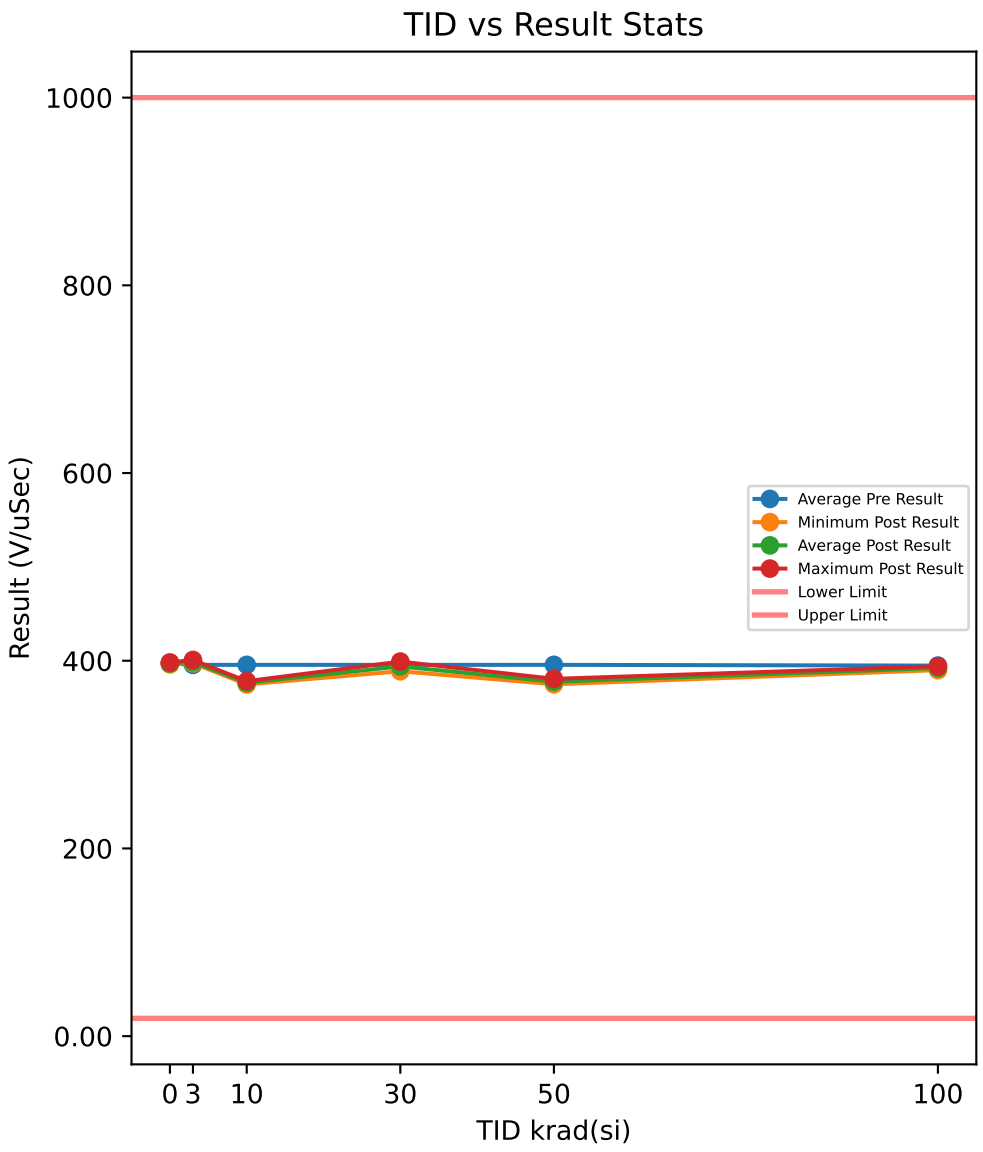
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

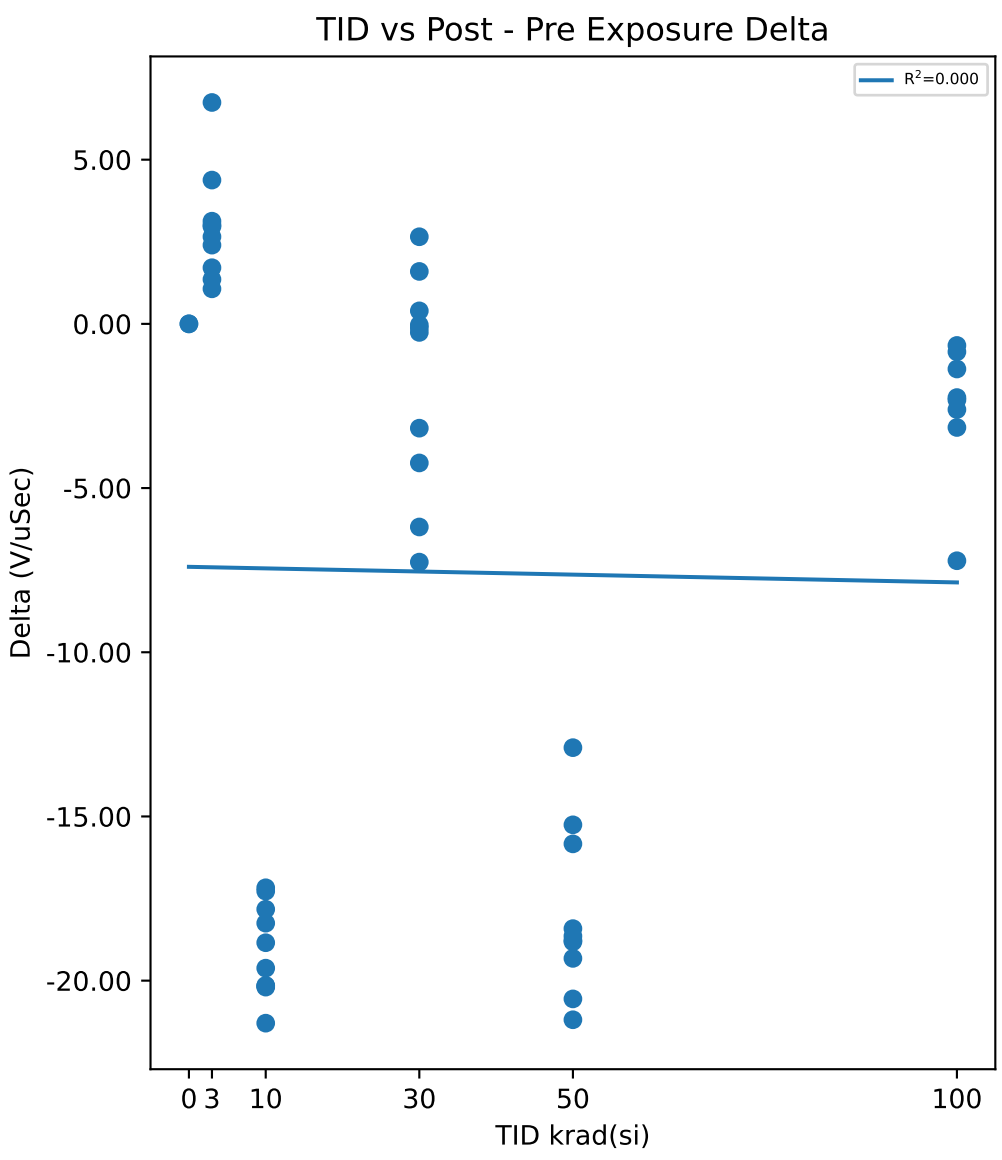
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	417.95	417.95	0
7	0	Correlation	420.36	420.36	0
16	3	LDR-Biased	416.08	421.21	5.128
18	3	LDR-Biased	416.46	419.97	3.515
19	3	LDR-Biased	416.39	419.08	2.685
20	3	LDR-Biased	417.05	423.67	6.627
21	3	LDR-Biased	418.3	423.06	4.761
22	3	LDR-Unbiased	416.03	421.78	5.747
23	3	LDR-Unbiased	417.2	419.89	2.689
25	3	LDR-Unbiased	419.14	419.74	0.595
26	3	LDR-Unbiased	415.47	421.14	5.674
27	3	LDR-Unbiased	417.29	420.83	3.541
46	10	LDR-Biased	416.08	404.19	-11.894
48	10	LDR-Biased	416.46	402.71	-13.742
49	10	LDR-Biased	416.39	403.45	-12.942
50	10	LDR-Biased	417.05	405.53	-11.521
51	10	LDR-Biased	418.3	405.06	-13.232
52	10	LDR-Unbiased	416.03	404.51	-11.516
53	10	LDR-Unbiased	417.2	402.55	-14.654
55	10	LDR-Unbiased	419.14	401.48	-17.663
56	10	LDR-Unbiased	415.47	402.84	-12.627
57	10	LDR-Unbiased	417.29	403.43	-13.858
76	30	LDR-Biased	416.08	420.67	4.592
78	30	LDR-Biased	416.46	424.14	7.689
79	30	LDR-Biased	416.39	422.83	6.437
80	30	LDR-Biased	417.05	420.92	3.873
81	30	LDR-Biased	418.3	423.32	5.03
82	30	LDR-Unbiased	416.03	426.88	10.847
83	30	LDR-Unbiased	417.2	419.96	2.758
84	30	LDR-Unbiased	417.29	420.45	3.154
85	30	LDR-Unbiased	419.14	418.02	-1.125
86	30	LDR-Unbiased	415.47	422.71	7.244
87	100	LDR-Biased	419.4	412.21	-7.183
88	100	LDR-Biased	414.96	412.39	-2.576
90	100	LDR-Biased	415.15	412.84	-2.311
91	100	LDR-Unbiased	415.89	411.01	-4.882
93	100	LDR-Unbiased	417.22	413.33	-3.889
94	100	LDR-Unbiased	416.48	414.25	-2.221
95	100	LDR-Unbiased	417.61	413.26	-4.342
96	100	LDR-Unbiased	416.74	412.27	-4.468
106	50	LDR-Biased	416.08	405.55	-10.529
108	50	LDR-Biased	416.46	403.46	-12.999
109	50	LDR-Biased	416.39	402.16	-14.238
110	50	LDR-Biased	417.05	407.36	-9.683
111	50	LDR-Biased	418.3	403.96	-14.336
112	50	LDR-Unbiased	416.03	404.62	-11.409
113	50	LDR-Unbiased	417.2	401.4	-15.797
115	50	LDR-Unbiased	419.14	400.5	-18.64
116	50	LDR-Unbiased	415.47	402.43	-13.041
117	50	LDR-Unbiased	417.29	403.34	-13.956

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	417.95	419.15	420.36	1.7034	417.95	419.15	420.36	1.7034	0	0	0	0
3	415.47	416.94	419.14	1.1134	419.08	421.04	423.67	1.4769	0.595	4.0962	6.627	1.8258
10	415.47	416.94	419.14	1.1134	401.48	403.58	405.53	1.249	-17.663	-13.365	-11.516	1.8331
30	415.47	416.94	419.14	1.1134	418.02	421.99	426.88	2.5105	-1.125	5.0499	10.847	3.264
50	415.47	416.94	419.14	1.1134	400.5	403.48	407.36	2.0265	-18.64	-13.463	-9.683	2.6112
100	414.96	416.68	419.4	1.439	411.01	412.7	414.25	0.96657	-7.183	-3.984	-2.221	1.6605

Device Test: 19.29 tsr_SEQ_Rising/SEQ_DONE/7/3/0/0/0/@SEQ_DONE_SLEW_RATE_RISE





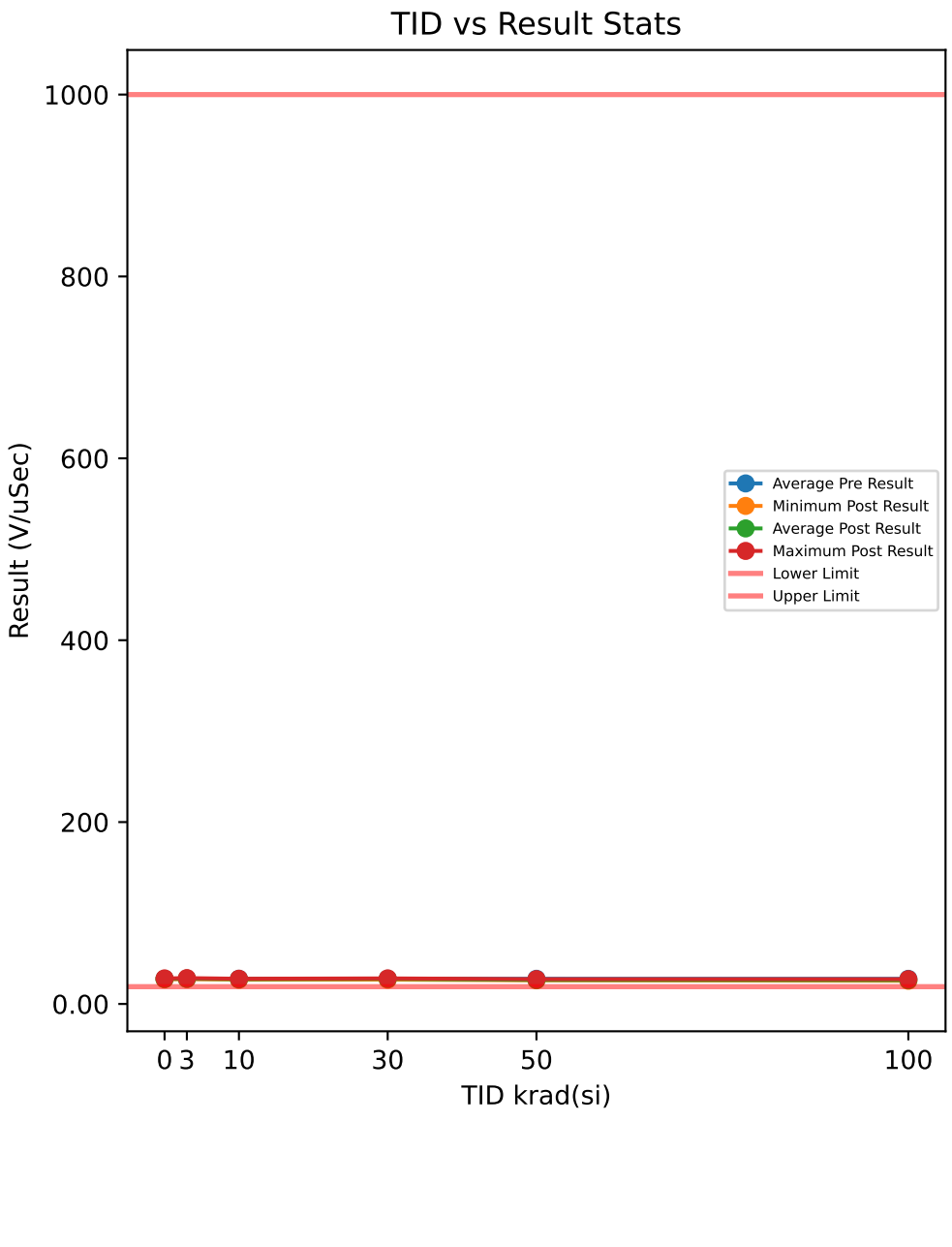
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

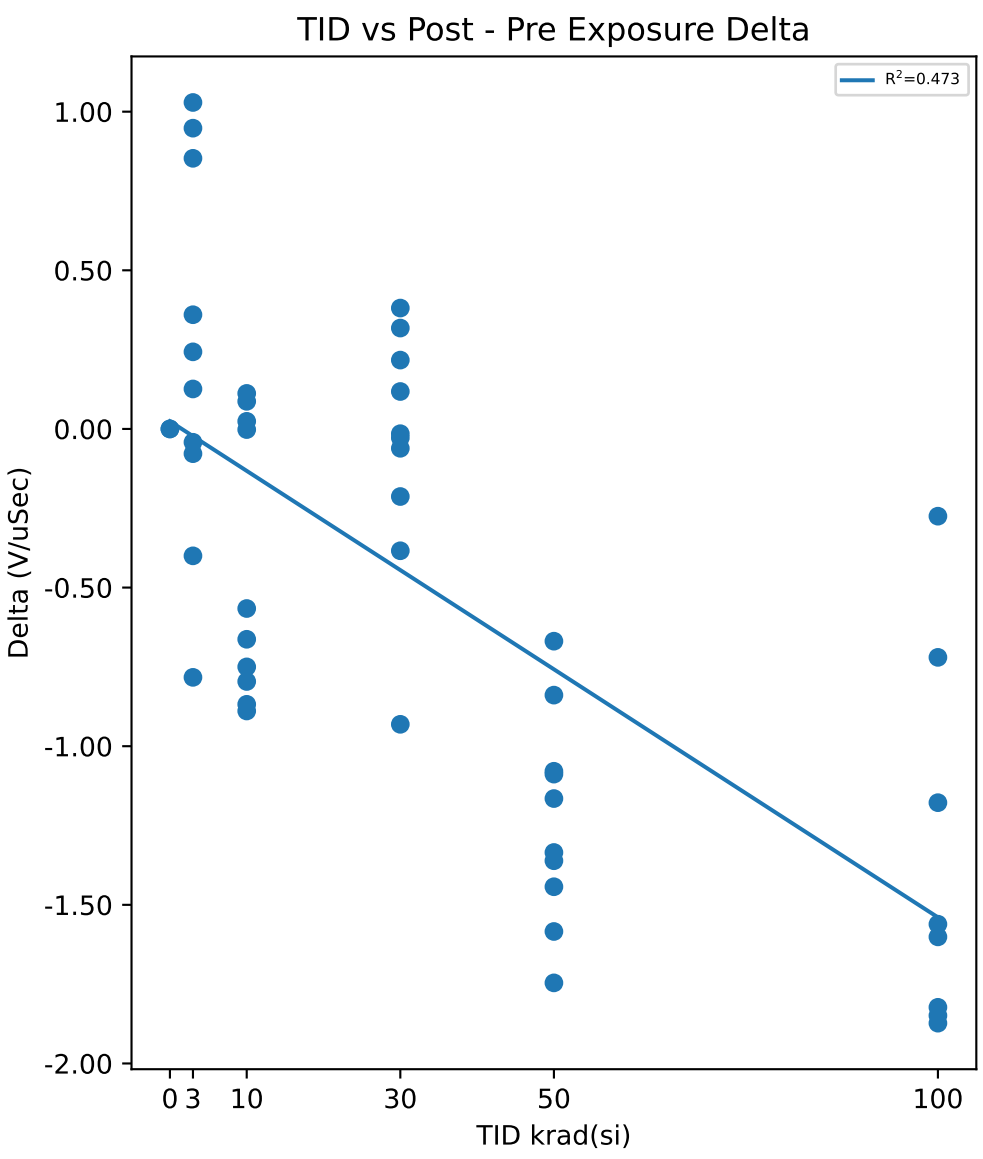
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	396.16	396.16	0
7	0	Correlation	398.19	398.19	0
16	3	LDR-Biased	395.08	397.74	2.654
18	3	LDR-Biased	395.7	398.71	3.011
19	3	LDR-Biased	394.87	398	3.127
20	3	LDR-Biased	396.45	400.83	4.379
21	3	LDR-Biased	396.86	399.26	2.398
22	3	LDR-Unbiased	393.62	400.36	6.742
23	3	LDR-Unbiased	396.32	397.38	1.067
25	3	LDR-Unbiased	396.1	397.81	1.71
26	3	LDR-Unbiased	396.73	398.09	1.355
27	3	LDR-Unbiased	394.47	397.43	2.964
46	10	LDR-Biased	395.08	377.26	-17.826
48	10	LDR-Biased	395.7	376.08	-19.62
49	10	LDR-Biased	394.87	376.03	-18.845
50	10	LDR-Biased	396.45	378.2	-18.25
51	10	LDR-Biased	396.86	376.7	-20.163
52	10	LDR-Unbiased	393.62	376.35	-17.274
53	10	LDR-Unbiased	396.32	376.17	-20.147
55	10	LDR-Unbiased	396.1	374.8	-21.295
56	10	LDR-Unbiased	396.73	376.54	-20.197
57	10	LDR-Unbiased	394.47	377.29	-17.172
76	30	LDR-Biased	395.08	395.48	0.396
78	30	LDR-Biased	395.7	395.67	-0.032
79	30	LDR-Biased	394.87	390.64	-4.235
80	30	LDR-Biased	396.45	399.1	2.653
81	30	LDR-Biased	396.86	393.69	-3.176
82	30	LDR-Unbiased	393.62	393.36	-0.26
83	30	LDR-Unbiased	396.32	390.13	-6.185
84	30	LDR-Unbiased	394.47	396.06	1.597
85	30	LDR-Unbiased	396.1	388.84	-7.255
86	30	LDR-Unbiased	396.73	396.61	-0.124
87	100	LDR-Biased	393.8	391.48	-2.317
88	100	LDR-Biased	394.85	394	-0.85
90	100	LDR-Biased	395.24	393	-2.244
91	100	LDR-Unbiased	393.71	391.1	-2.609
93	100	LDR-Unbiased	397.22	390.01	-7.213
94	100	LDR-Unbiased	394.76	394.1	-0.657
95	100	LDR-Unbiased	393.82	390.66	-3.155
96	100	LDR-Unbiased	395.39	394.02	-1.374
106	50	LDR-Biased	395.08	379.83	-15.255
108	50	LDR-Biased	395.7	379.87	-15.835
109	50	LDR-Biased	394.87	376.46	-18.416
110	50	LDR-Biased	396.45	377.67	-18.774
111	50	LDR-Biased	396.86	378.22	-18.644
112	50	LDR-Unbiased	393.62	380.71	-12.905
113	50	LDR-Unbiased	396.32	376.99	-19.322
115	50	LDR-Unbiased	396.1	374.91	-21.191
116	50	LDR-Unbiased	396.73	376.18	-20.556
117	50	LDR-Unbiased	394.47	375.65	-18.815

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	396.16	397.17	398.19	1.4312	396.16	397.17	398.19	1.4312	0	0	0	0
3	393.62	395.62	396.86	1.073	397.38	398.56	400.83	1.2175	1.067	2.9407	6.742	1.6491
10	393.62	395.62	396.86	1.073	374.8	376.54	378.2	0.91399	-21.295	-19.079	-17.172	1.4133
30	393.62	395.62	396.86	1.073	388.84	393.96	399.1	3.2559	-7.255	-1.6621	2.653	3.3519
50	393.62	395.62	396.86	1.073	374.91	377.65	380.71	1.9697	-21.191	-17.971	-12.905	2.5492
100	393.71	394.85	397.22	1.1679	390.01	392.3	394.1	1.6738	-7.213	-2.5524	-0.657	2.0742

Device Test: 19.3 tsr_EN4_Rising/EN4/1.6/3/0/0/0/@EN_SLEW_RATE_RISE





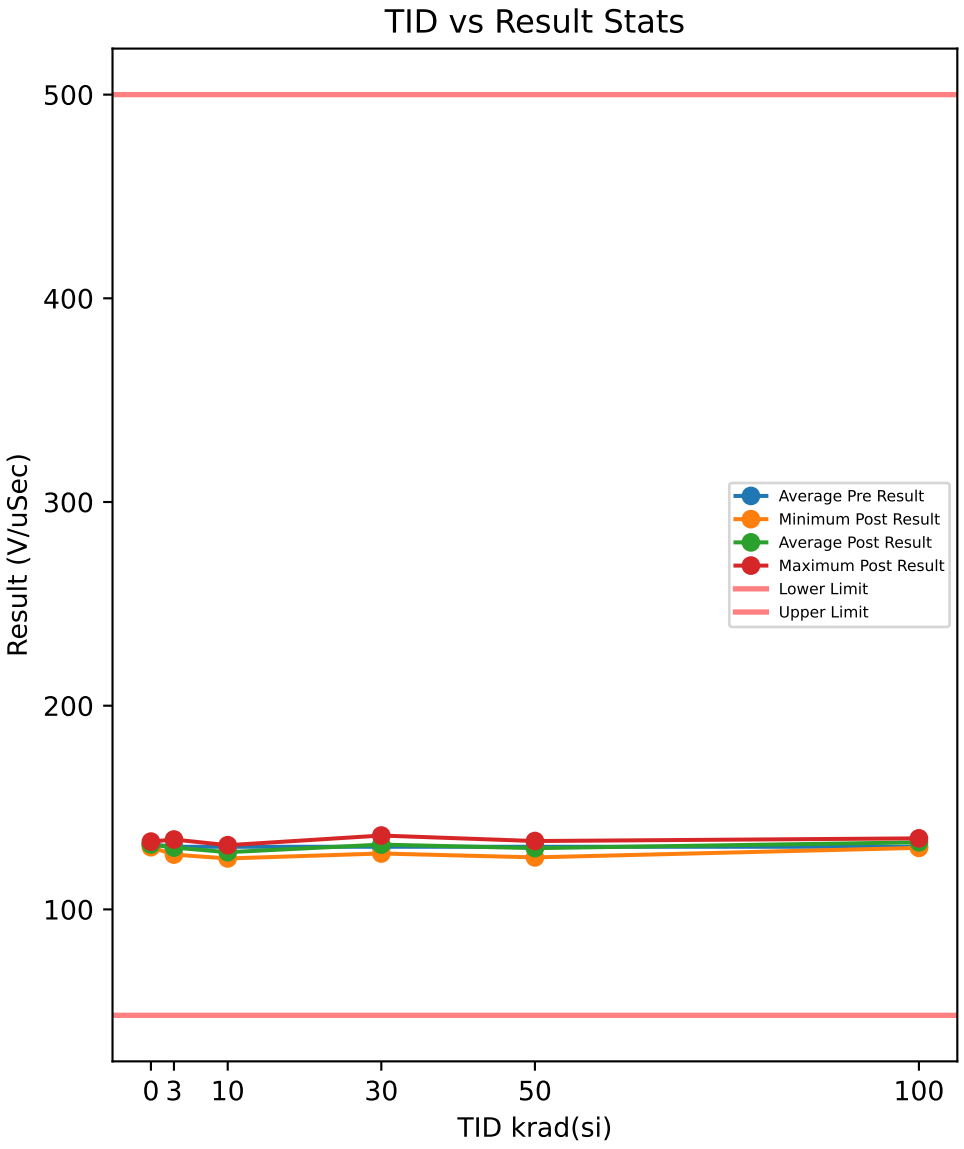
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

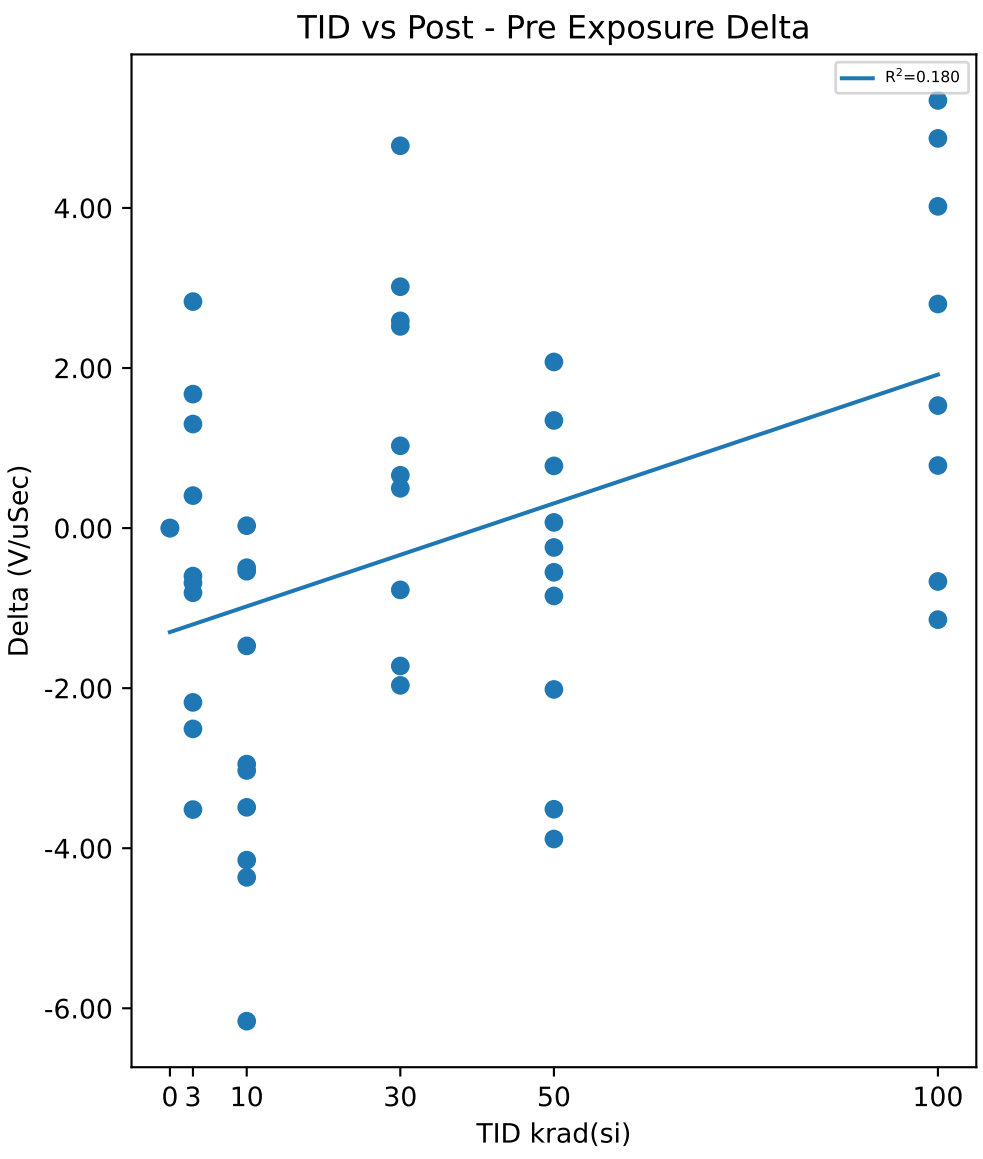
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	27.067	27.067	0
7	0	Correlation	28.109	28.109	0
16	3	LDR-Biased	28.143	27.36	-0.783
18	3	LDR-Biased	27.646	27.604	-0.042
19	3	LDR-Biased	27.6	27.843	0.243
20	3	LDR-Biased	27.727	28.087	0.36
21	3	LDR-Biased	27.962	27.562	-0.4
22	3	LDR-Unbiased	27.212	28.241	1.029
23	3	LDR-Unbiased	27.569	27.491	-0.078
25	3	LDR-Unbiased	27.341	28.194	0.853
26	3	LDR-Unbiased	27.858	27.984	0.126
27	3	LDR-Unbiased	27.5	28.448	0.948
46	10	LDR-Biased	28.143	27.48	-0.663
48	10	LDR-Biased	27.646	27.733	0.087
49	10	LDR-Biased	27.6	27.598	-0.002
50	10	LDR-Biased	27.727	26.977	-0.75
51	10	LDR-Biased	27.962	27.396	-0.566
52	10	LDR-Unbiased	27.212	27.236	0.024
53	10	LDR-Unbiased	27.569	26.68	-0.889
55	10	LDR-Unbiased	27.341	27.453	0.112
56	10	LDR-Unbiased	27.858	27.062	-0.796
57	10	LDR-Unbiased	27.5	26.632	-0.868
76	30	LDR-Biased	28.143	28.115	-0.028
78	30	LDR-Biased	27.646	26.715	-0.931
79	30	LDR-Biased	27.6	27.718	0.118
80	30	LDR-Biased	27.727	28.045	0.318
81	30	LDR-Biased	27.962	27.901	-0.061
82	30	LDR-Unbiased	27.212	27.197	-0.015
83	30	LDR-Unbiased	27.569	27.786	0.217
84	30	LDR-Unbiased	27.5	27.881	0.381
85	30	LDR-Unbiased	27.341	27.128	-0.213
86	30	LDR-Unbiased	27.858	27.474	-0.384
87	100	LDR-Biased	27.568	26.007	-1.561
88	100	LDR-Biased	27.794	27.074	-0.72
90	100	LDR-Biased	27.536	27.261	-0.275
91	100	LDR-Unbiased	27.42	25.819	-1.601
93	100	LDR-Unbiased	27.344	25.521	-1.823
94	100	LDR-Unbiased	27.827	25.978	-1.849
95	100	LDR-Unbiased	27.795	25.922	-1.873
96	100	LDR-Unbiased	27.547	26.369	-1.178
106	50	LDR-Biased	28.143	26.397	-1.746
108	50	LDR-Biased	27.646	26.481	-1.165
109	50	LDR-Biased	27.6	26.265	-1.335
110	50	LDR-Biased	27.727	26.366	-1.361
111	50	LDR-Biased	27.962	27.293	-0.669
112	50	LDR-Unbiased	27.212	26.133	-1.079
113	50	LDR-Unbiased	27.569	25.985	-1.584
115	50	LDR-Unbiased	27.341	26.253	-1.088
116	50	LDR-Unbiased	27.858	26.415	-1.443
117	50	LDR-Unbiased	27.5	26.661	-0.839

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	27.067	27.588	28.109	0.73681	27.067	27.588	28.109	0.73681	0	0	0	0
3	27.212	27.656	28.143	0.28051	27.36	27.881	28.448	0.366	-0.783	0.2256	1.029	0.5927
10	27.212	27.656	28.143	0.28051	26.632	27.225	27.733	0.37717	-0.889	-0.4311	0.112	0.42973
30	27.212	27.656	28.143	0.28051	26.715	27.596	28.115	0.45527	-0.931	-0.0598	0.381	0.38526
50	27.212	27.656	28.143	0.28051	25.985	26.425	27.293	0.35756	-1.746	-1.2309	-0.669	0.32997
100	27.344	27.604	27.827	0.18242	25.521	26.244	27.261	0.61792	-1.873	-1.36	-0.275	0.58981

Device Test: 19.30 tsr_EN1_Falling/EN1/7/3/0/0/0/@EN_SLEW_RATE_FALL





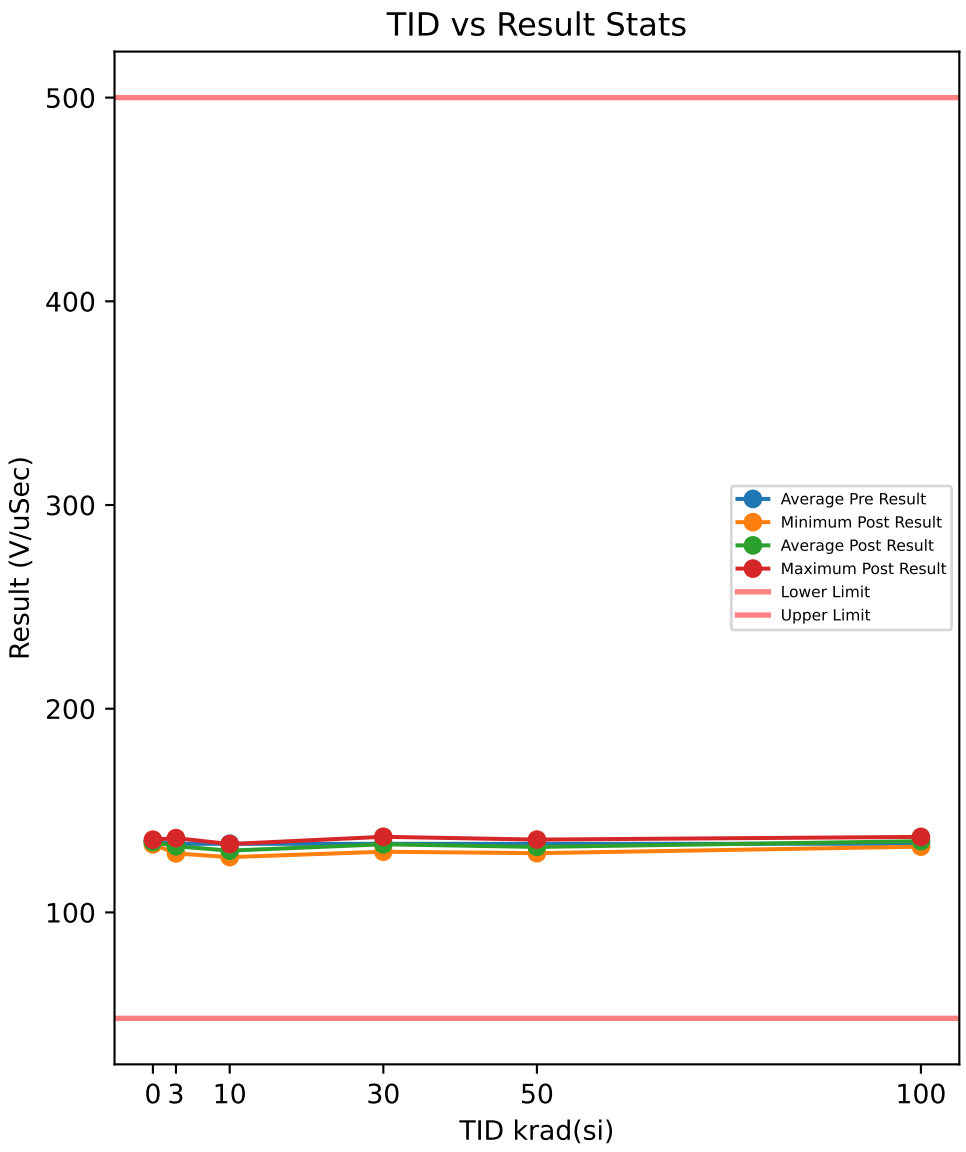
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	130.53	130.53	0
7	0	Correlation	133.28	133.28	0
16	3	LDR-Biased	132.33	131.52	-0.808
18	3	LDR-Biased	129.82	131.5	1.674
19	3	LDR-Biased	130.93	128.75	-2.178
20	3	LDR-Biased	129.1	129.51	0.406
21	3	LDR-Biased	129.41	126.91	-2.509
22	3	LDR-Unbiased	131.35	130.75	-0.6
23	3	LDR-Unbiased	131.74	131.06	-0.685
25	3	LDR-Unbiased	131.49	134.32	2.83
26	3	LDR-Unbiased	130.16	131.46	1.3
27	3	LDR-Unbiased	131.18	127.66	-3.517
46	10	LDR-Biased	132.33	129.38	-2.949
48	10	LDR-Biased	129.82	129.33	-0.495
49	10	LDR-Biased	130.93	126.78	-4.149
50	10	LDR-Biased	129.1	127.63	-1.472
51	10	LDR-Biased	129.41	125.05	-4.364
52	10	LDR-Unbiased	131.35	128.32	-3.029
53	10	LDR-Unbiased	131.74	128.25	-3.489
55	10	LDR-Unbiased	131.49	131.52	0.03
56	10	LDR-Unbiased	130.16	129.62	-0.539
57	10	LDR-Unbiased	131.18	125.02	-6.161
76	30	LDR-Biased	132.33	132.82	0.497
78	30	LDR-Biased	129.82	132.34	2.52
79	30	LDR-Biased	130.93	130.16	-0.772
80	30	LDR-Biased	129.1	131.69	2.589
81	30	LDR-Biased	129.41	127.45	-1.965
82	30	LDR-Unbiased	131.35	132.38	1.028
83	30	LDR-Unbiased	131.74	132.4	0.66
84	30	LDR-Unbiased	131.18	129.45	-1.723
85	30	LDR-Unbiased	131.49	136.26	4.777
86	30	LDR-Unbiased	130.16	133.17	3.016
87	100	LDR-Biased	129.62	134.49	4.869
88	100	LDR-Biased	131.74	130.59	-1.144
90	100	LDR-Biased	129.43	130.21	0.782
91	100	LDR-Unbiased	130.86	134.88	4.02
93	100	LDR-Unbiased	128.78	134.13	5.343
94	100	LDR-Unbiased	132.7	132.03	-0.667
95	100	LDR-Unbiased	132.13	133.66	1.531
96	100	LDR-Unbiased	130.64	133.44	2.8
106	50	LDR-Biased	132.33	132.08	-0.242
108	50	LDR-Biased	129.82	130.6	0.777
109	50	LDR-Biased	130.93	128.91	-2.016
110	50	LDR-Biased	129.1	129.17	0.071
111	50	LDR-Biased	129.41	125.53	-3.885
112	50	LDR-Unbiased	131.35	130.8	-0.552
113	50	LDR-Unbiased	131.74	130.89	-0.848
115	50	LDR-Unbiased	131.49	133.56	2.076
116	50	LDR-Unbiased	130.16	131.5	1.345
117	50	LDR-Unbiased	131.18	127.66	-3.513

Test Statistics (V/uSec)

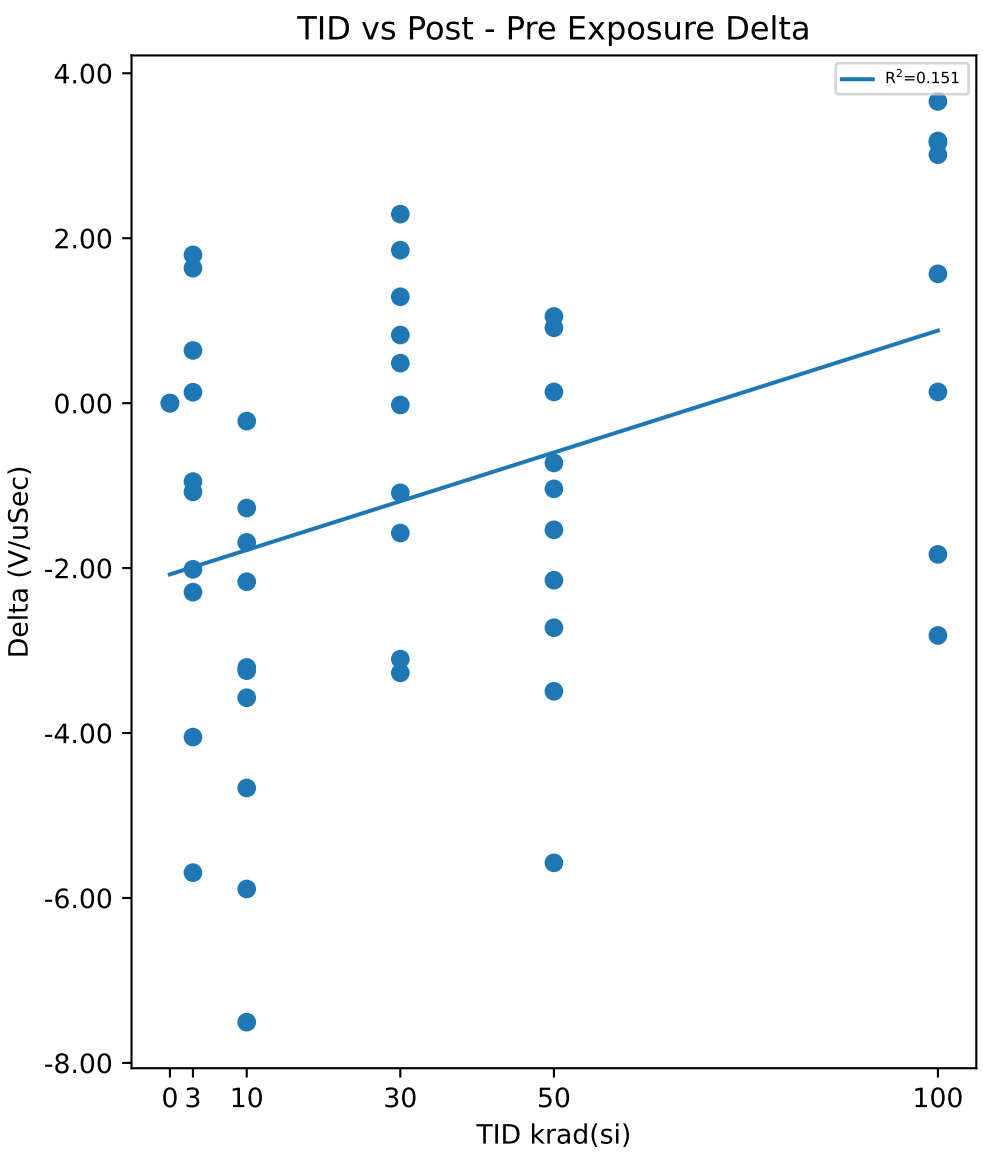
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	130.53	131.91	133.28	1.9403	130.53	131.91	133.28	1.9403	0	0	0	0
3	129.1	130.75	132.33	1.0695	126.91	130.34	134.32	2.1771	-3.517	-0.4087	2.83	1.9968
10	129.1	130.75	132.33	1.0695	125.02	128.09	131.52	2.0537	-6.161	-2.6617	0.03	2.0033
30	129.1	130.75	132.33	1.0695	127.45	131.81	136.26	2.38	-1.965	1.0627	4.777	2.1818
50	129.1	130.75	132.33	1.0695	125.53	130.07	133.56	2.3175	-3.885	-0.6787	2.076	1.9636
100	128.78	130.74	132.7	1.3934	130.21	132.93	134.88	1.7777	-1.144	2.1918	5.343	2.465

Device Test: 19.31 tsr_EN2_Falling/EN2/7/3/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

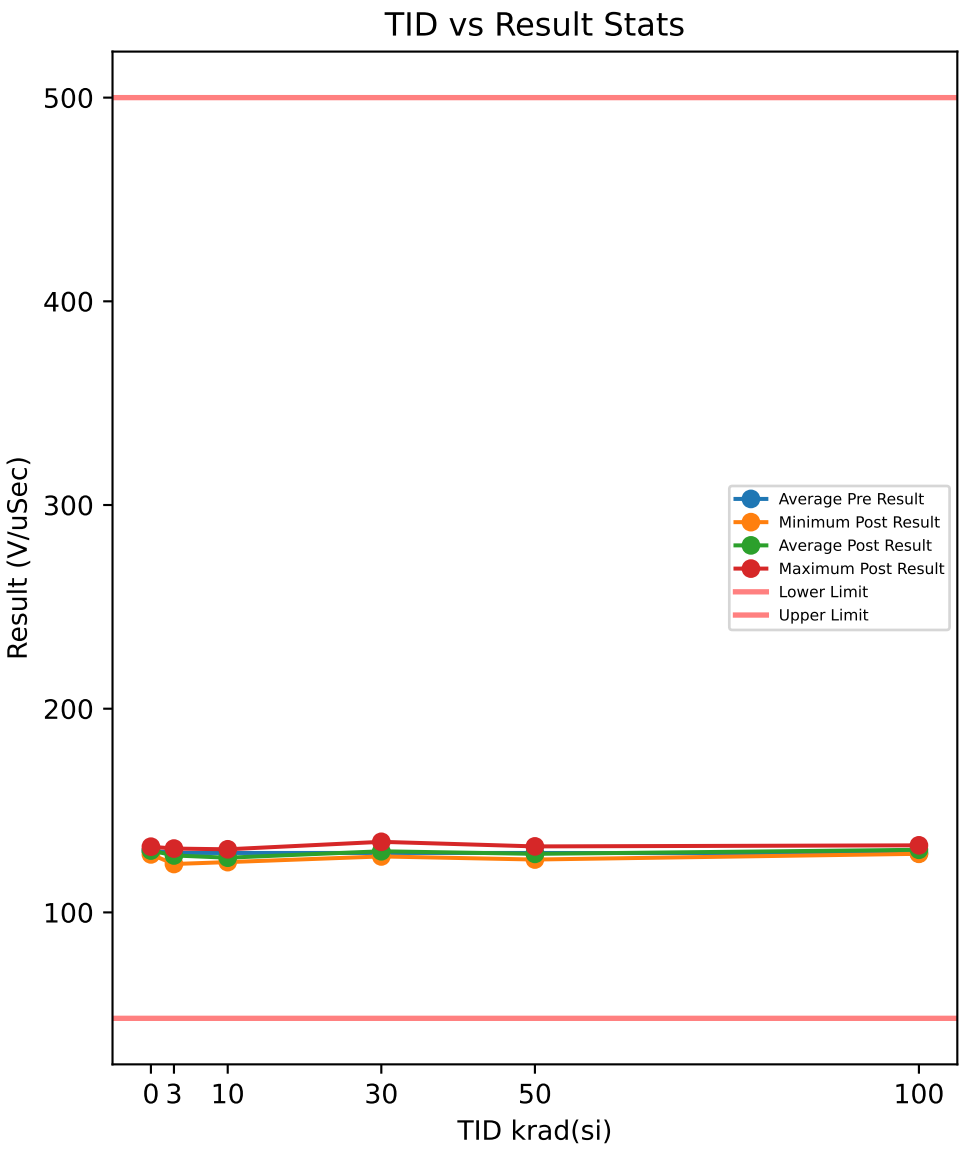
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	133.41	133.41	0
7	0	Correlation	135.7	135.7	0
16	3	LDR-Biased	135.85	134.78	-1.076
18	3	LDR-Biased	131.54	133.34	1.798
19	3	LDR-Biased	134.65	128.95	-5.693
20	3	LDR-Biased	131.18	131.82	0.639
21	3	LDR-Biased	133.06	129.01	-4.049
22	3	LDR-Unbiased	134.11	133.16	-0.951
23	3	LDR-Unbiased	134.3	132.28	-2.015
25	3	LDR-Unbiased	134.83	136.47	1.637
26	3	LDR-Unbiased	134.32	134.45	0.132
27	3	LDR-Unbiased	132.8	130.51	-2.292
46	10	LDR-Biased	135.85	132.61	-3.244
48	10	LDR-Biased	131.54	131.32	-0.218
49	10	LDR-Biased	134.65	127.14	-7.506
50	10	LDR-Biased	131.18	129.49	-1.688
51	10	LDR-Biased	133.06	127.17	-5.891
52	10	LDR-Unbiased	134.11	130.91	-3.205
53	10	LDR-Unbiased	134.3	130.72	-3.572
55	10	LDR-Unbiased	134.83	133.56	-1.272
56	10	LDR-Unbiased	134.32	132.16	-2.165
57	10	LDR-Unbiased	132.8	128.14	-4.666
76	30	LDR-Biased	135.85	135.83	-0.022
78	30	LDR-Biased	131.54	132.83	1.29
79	30	LDR-Biased	134.65	131.54	-3.104
80	30	LDR-Biased	131.18	133.03	1.855
81	30	LDR-Biased	133.06	129.79	-3.27
82	30	LDR-Unbiased	134.11	134.94	0.826
83	30	LDR-Unbiased	134.3	133.21	-1.087
84	30	LDR-Unbiased	132.8	131.23	-1.575
85	30	LDR-Unbiased	134.83	137.12	2.292
86	30	LDR-Unbiased	134.32	134.81	0.485
87	100	LDR-Biased	133.01	136.03	3.013
88	100	LDR-Biased	135.58	132.77	-2.817
90	100	LDR-Biased	132.13	132.27	0.136
91	100	LDR-Unbiased	133.89	137.07	3.179
93	100	LDR-Unbiased	133.19	136.35	3.16
94	100	LDR-Unbiased	135.33	133.49	-1.834
95	100	LDR-Unbiased	133.9	135.47	1.568
96	100	LDR-Unbiased	132.61	136.27	3.658
106	50	LDR-Biased	135.85	134.31	-1.536
108	50	LDR-Biased	131.54	132.59	1.051
109	50	LDR-Biased	134.65	129.07	-5.574
110	50	LDR-Biased	131.18	131.31	0.136
111	50	LDR-Biased	133.06	129.57	-3.494
112	50	LDR-Unbiased	134.11	133.07	-1.039
113	50	LDR-Unbiased	134.3	132.15	-2.147
115	50	LDR-Unbiased	134.83	135.74	0.914
116	50	LDR-Unbiased	134.32	133.59	-0.725
117	50	LDR-Unbiased	132.8	130.08	-2.723

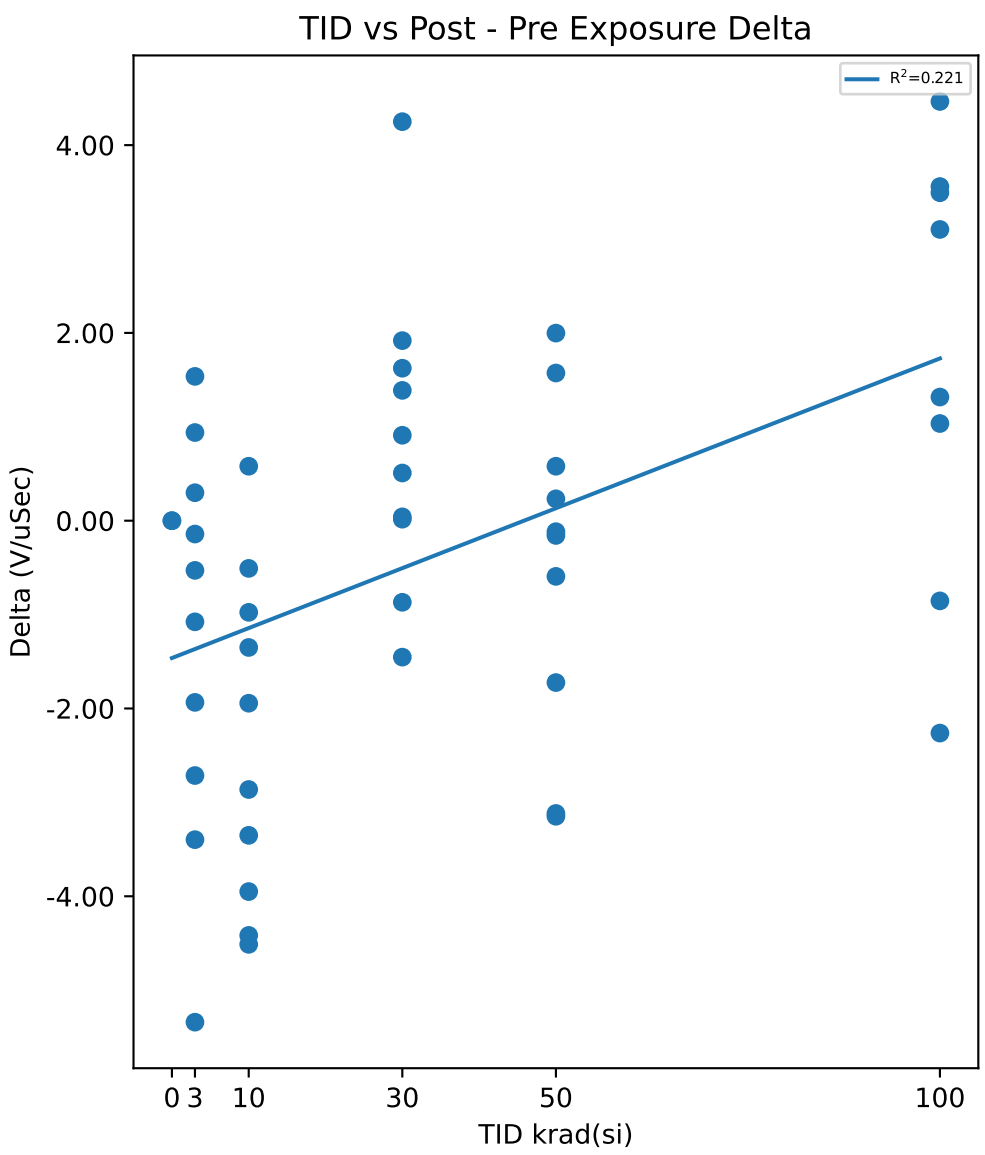


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	133.41	134.56	135.7	1.62	133.41	134.56	135.7	1.62	0	0	0	0
3	131.18	133.66	135.85	1.4875	128.95	132.48	136.47	2.4735	-5.693	-1.187	1.798	2.4136
10	131.18	133.66	135.85	1.4875	127.14	130.32	133.56	2.2626	-7.506	-3.3427	-0.218	2.207
30	131.18	133.66	135.85	1.4875	129.79	133.43	137.12	2.2547	-3.27	-0.231	2.292	1.9645
50	131.18	133.66	135.85	1.4875	129.07	132.15	135.74	2.1565	-5.574	-1.5137	1.051	2.0632
100	132.13	133.71	135.58	1.233	132.27	134.96	137.07	1.8408	-2.817	1.2579	3.658	2.4977

Device Test: 19.32 tsr_EN3_Falling/EN3/7/3/0/0/0/@EN_SLEW_RATE_FALL





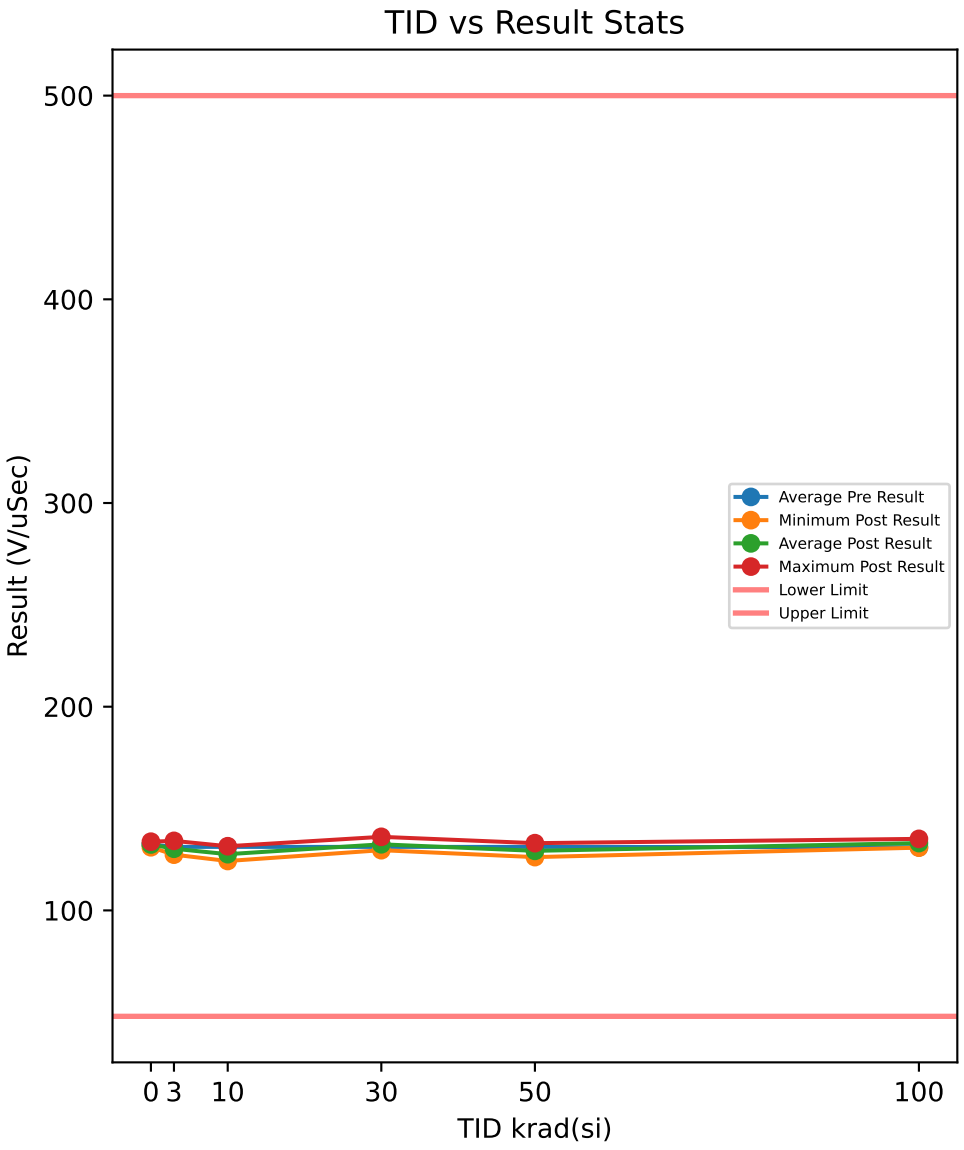
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

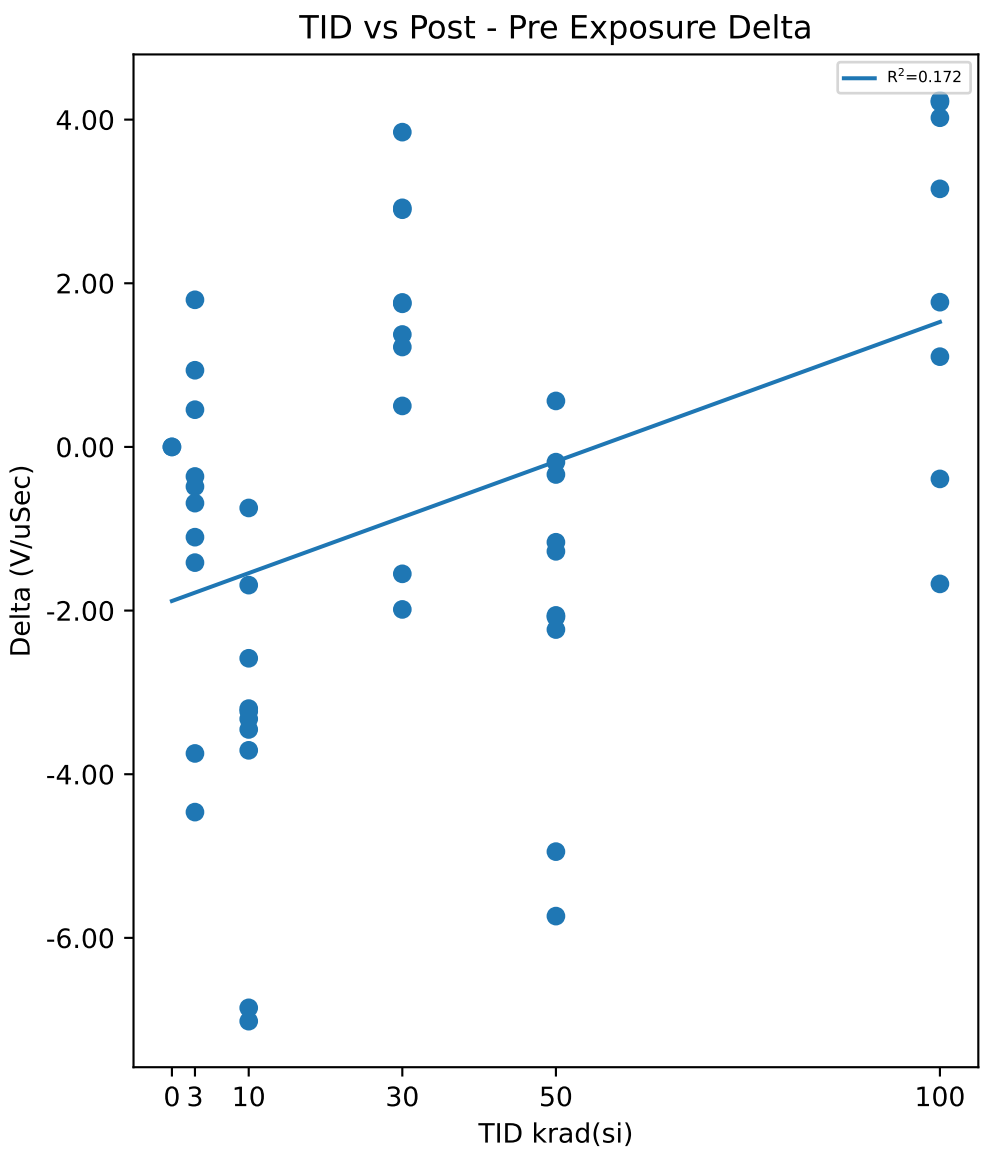
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	128.48	128.48	0
7	0	Correlation	132.26	132.26	0
16	3	LDR-Biased	131.34	130.26	-1.077
18	3	LDR-Biased	127.47	129	1.537
19	3	LDR-Biased	129.84	126.45	-3.397
20	3	LDR-Biased	127.45	127.31	-0.142
21	3	LDR-Biased	129.1	123.76	-5.341
22	3	LDR-Unbiased	130.32	129.79	-0.529
23	3	LDR-Unbiased	129.48	126.77	-2.714
25	3	LDR-Unbiased	130.4	131.34	0.939
26	3	LDR-Unbiased	129	129.29	0.298
27	3	LDR-Unbiased	127.43	125.5	-1.935
46	10	LDR-Biased	131.34	127.99	-3.351
48	10	LDR-Biased	127.47	126.96	-0.508
49	10	LDR-Biased	129.84	125.33	-4.512
50	10	LDR-Biased	127.45	126.48	-0.976
51	10	LDR-Biased	129.1	124.69	-4.417
52	10	LDR-Unbiased	130.32	127.46	-2.863
53	10	LDR-Unbiased	129.48	125.53	-3.95
55	10	LDR-Unbiased	130.4	130.98	0.58
56	10	LDR-Unbiased	129	127.64	-1.35
57	10	LDR-Unbiased	127.43	125.49	-1.944
76	30	LDR-Biased	131.34	132.97	1.624
78	30	LDR-Biased	127.47	128.38	0.91
79	30	LDR-Biased	129.84	128.39	-1.453
80	30	LDR-Biased	127.45	127.47	0.016
81	30	LDR-Biased	129.1	128.23	-0.869
82	30	LDR-Unbiased	130.32	132.24	1.918
83	30	LDR-Unbiased	129.48	129.52	0.041
84	30	LDR-Unbiased	127.43	127.94	0.508
85	30	LDR-Unbiased	130.4	134.65	4.25
86	30	LDR-Unbiased	129	130.38	1.388
87	100	LDR-Biased	128	131.5	3.493
88	100	LDR-Biased	131.3	129.03	-2.262
90	100	LDR-Biased	127.45	128.77	1.317
91	100	LDR-Unbiased	129.61	132.71	3.102
93	100	LDR-Unbiased	128.46	132.92	4.465
94	100	LDR-Unbiased	130.1	129.24	-0.854
95	100	LDR-Unbiased	128.95	129.99	1.035
96	100	LDR-Unbiased	128.2	131.76	3.559
106	50	LDR-Biased	131.34	131.57	0.233
108	50	LDR-Biased	127.47	129.04	1.573
109	50	LDR-Biased	129.84	126.73	-3.118
110	50	LDR-Biased	127.45	126.86	-0.593
111	50	LDR-Biased	129.1	125.95	-3.148
112	50	LDR-Unbiased	130.32	130.21	-0.117
113	50	LDR-Unbiased	129.48	127.76	-1.724
115	50	LDR-Unbiased	130.4	132.4	1.998
116	50	LDR-Unbiased	129	129.57	0.58
117	50	LDR-Unbiased	127.43	127.28	-0.157

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	128.48	130.37	132.26	2.6736	128.48	130.37	132.26	2.6736	0	0	0	0
3	127.43	129.18	131.34	1.375	123.76	127.95	131.34	2.3751	-5.341	-1.2361	1.537	2.1263
10	127.43	129.18	131.34	1.375	124.69	126.85	130.98	1.8284	-4.512	-2.3291	0.58	1.7575
30	127.43	129.18	131.34	1.375	127.47	130.02	134.65	2.4676	-1.453	0.8333	4.25	1.6095
50	127.43	129.18	131.34	1.375	125.95	128.74	132.4	2.1808	-3.148	-0.4473	1.998	1.7591
100	127.45	129.01	131.3	1.2637	128.77	130.74	132.92	1.6843	-2.262	1.7319	4.465	2.3629

Device Test: 19.33 tsr_EN4_Falling/EN4/7/3/0/0/0/@EN_SLEW_RATE_FALL





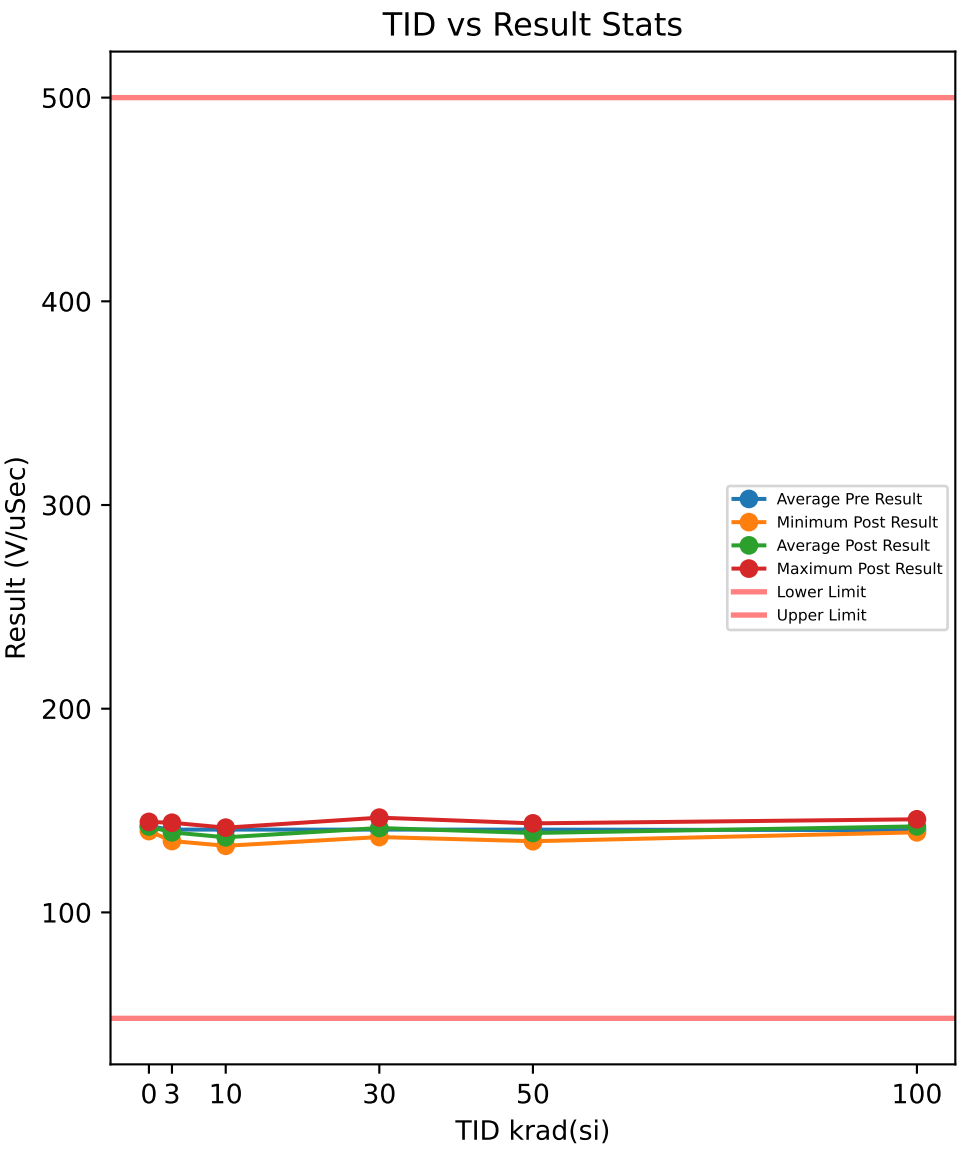
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

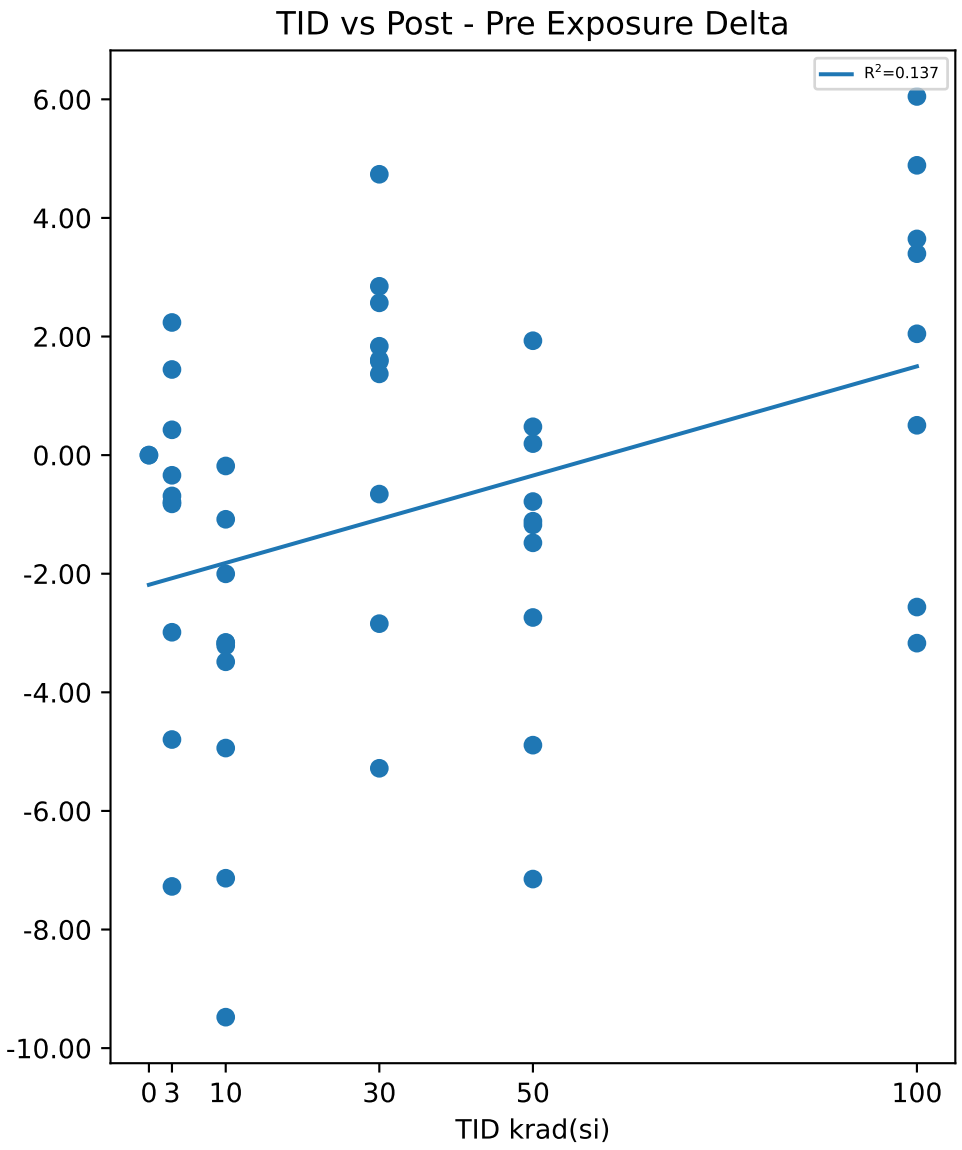
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	131	131	0
7	0	Correlation	133.73	133.73	0
16	3	LDR-Biased	132.81	132.45	-0.361
18	3	LDR-Biased	129.1	130.9	1.798
19	3	LDR-Biased	132.53	128.06	-4.463
20	3	LDR-Biased	129.79	129.1	-0.687
21	3	LDR-Biased	131.11	127.36	-3.746
22	3	LDR-Unbiased	130.81	131.27	0.455
23	3	LDR-Unbiased	131	129.58	-1.414
25	3	LDR-Unbiased	133.19	134.13	0.937
26	3	LDR-Unbiased	132.18	131.08	-1.103
27	3	LDR-Unbiased	129.27	128.78	-0.485
46	10	LDR-Biased	132.81	129.49	-3.324
48	10	LDR-Biased	129.1	128.36	-0.746
49	10	LDR-Biased	132.53	125.51	-7.018
50	10	LDR-Biased	129.79	126.59	-3.198
51	10	LDR-Biased	131.11	124.25	-6.855
52	10	LDR-Unbiased	130.81	128.23	-2.583
53	10	LDR-Unbiased	131	127.29	-3.708
55	10	LDR-Unbiased	133.19	131.51	-1.689
56	10	LDR-Unbiased	132.18	128.73	-3.453
57	10	LDR-Unbiased	129.27	126.04	-3.232
76	30	LDR-Biased	132.81	134.03	1.221
78	30	LDR-Biased	129.1	132.95	3.847
79	30	LDR-Biased	132.53	130.54	-1.986
80	30	LDR-Biased	129.79	131.17	1.374
81	30	LDR-Biased	131.11	129.56	-1.551
82	30	LDR-Unbiased	130.81	133.71	2.899
83	30	LDR-Unbiased	131	131.5	0.501
84	30	LDR-Unbiased	129.27	131.02	1.749
85	30	LDR-Unbiased	133.19	136.12	2.922
86	30	LDR-Unbiased	132.18	133.95	1.766
87	100	LDR-Biased	130.06	134.27	4.213
88	100	LDR-Biased	132.56	130.89	-1.674
90	100	LDR-Biased	129.03	130.8	1.769
91	100	LDR-Unbiased	131.1	135.12	4.023
93	100	LDR-Unbiased	131.36	134.51	3.154
94	100	LDR-Unbiased	132.25	131.86	-0.391
95	100	LDR-Unbiased	131.79	132.89	1.103
96	100	LDR-Unbiased	129.82	134.06	4.234
106	50	LDR-Biased	132.81	131.54	-1.276
108	50	LDR-Biased	129.1	129.66	0.562
109	50	LDR-Biased	132.53	126.79	-5.734
110	50	LDR-Biased	129.79	127.71	-2.079
111	50	LDR-Biased	131.11	126.16	-4.946
112	50	LDR-Unbiased	130.81	130.48	-0.337
113	50	LDR-Unbiased	131	128.77	-2.232
115	50	LDR-Unbiased	133.19	133.01	-0.186
116	50	LDR-Unbiased	132.18	130.12	-2.059
117	50	LDR-Unbiased	129.27	128.1	-1.165

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	131	132.37	133.73	1.9283	131	132.37	133.73	1.9283	0	0	0	0
3	129.1	131.18	133.19	1.476	127.36	130.27	134.13	2.084	-4.463	-0.9069	1.798	1.9464
10	129.1	131.18	133.19	1.476	124.25	127.6	131.51	2.1133	-7.018	-3.5806	-0.746	1.9864
30	129.1	131.18	133.19	1.476	129.56	132.45	136.12	2.0183	-1.986	1.2742	3.847	1.8757
50	129.1	131.18	133.19	1.476	126.16	129.23	133.01	2.1417	-5.734	-1.9452	0.562	2.0137
100	129.03	131	132.56	1.2491	130.8	133.05	135.12	1.6961	-1.674	2.0539	4.234	2.2476

Device Test: 19.34 tsr_PWRGD_Falling/PWRGD/7/3/0/0/0/@PWRGD_SLEW_RATE_FALL





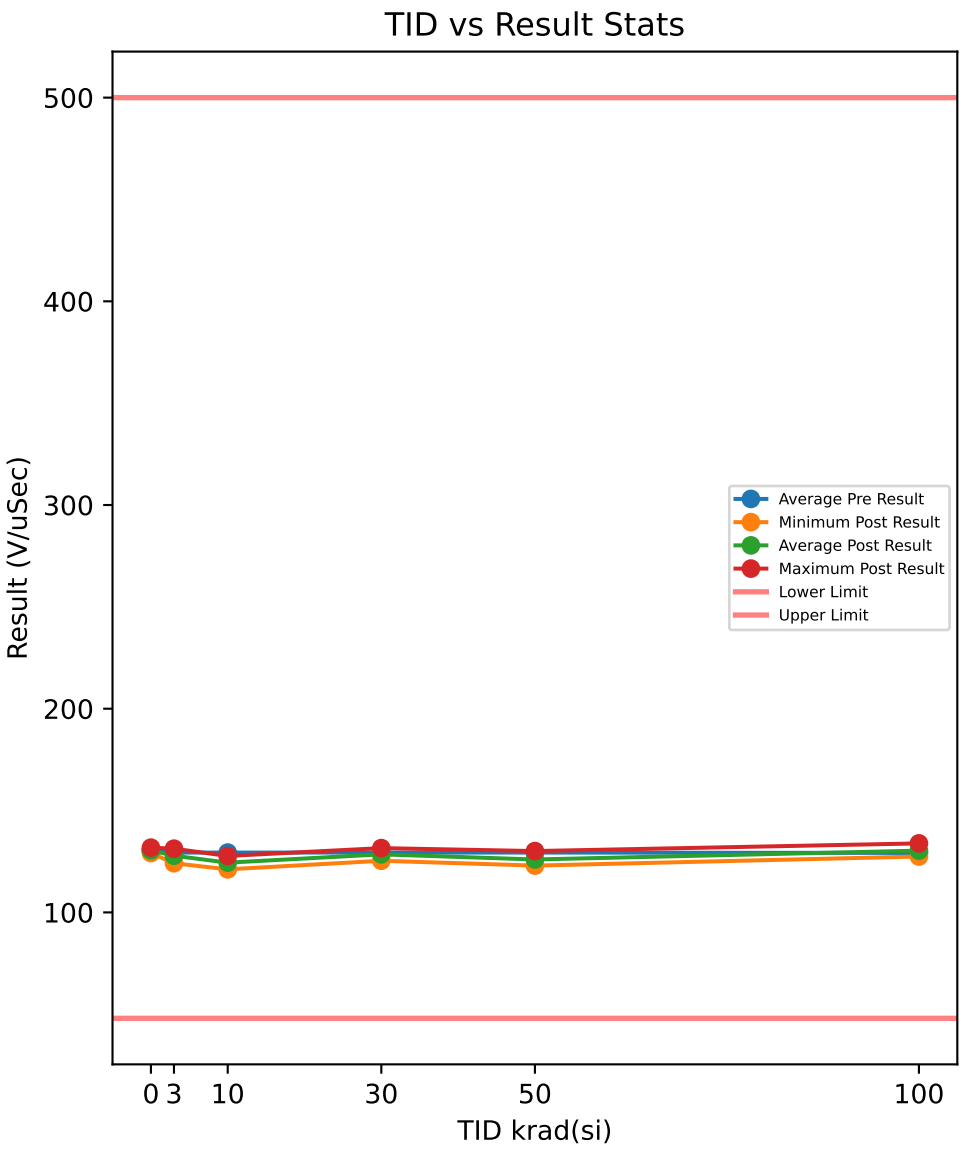
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

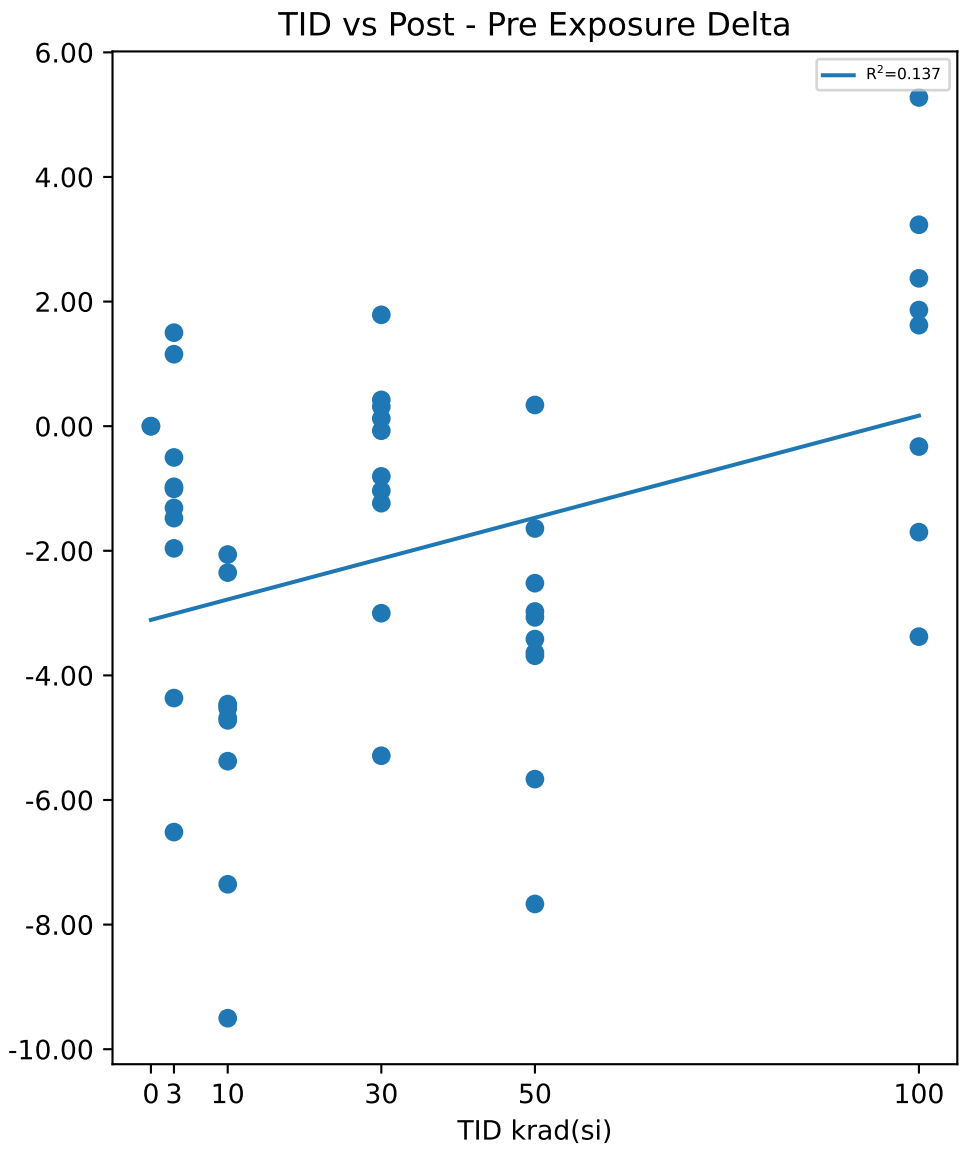
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	139.93	139.93	0
7	0	Correlation	144.42	144.42	0
16	3	LDR-Biased	142.3	141.96	-0.34
18	3	LDR-Biased	138.94	140.38	1.444
19	3	LDR-Biased	142.57	135.29	-7.273
20	3	LDR-Biased	138.87	138.05	-0.822
21	3	LDR-Biased	139.83	135.04	-4.796
22	3	LDR-Unbiased	141.16	141.58	0.427
23	3	LDR-Unbiased	140.77	139.98	-0.789
25	3	LDR-Unbiased	141.78	144.02	2.237
26	3	LDR-Unbiased	141.65	140.96	-0.688
27	3	LDR-Unbiased	138.65	135.67	-2.987
46	10	LDR-Biased	142.3	139.14	-3.158
48	10	LDR-Biased	138.94	137.85	-1.082
49	10	LDR-Biased	142.57	133.09	-9.478
50	10	LDR-Biased	138.87	135.66	-3.214
51	10	LDR-Biased	139.83	132.7	-7.135
52	10	LDR-Unbiased	141.16	139.15	-2.002
53	10	LDR-Unbiased	140.77	137.29	-3.485
55	10	LDR-Unbiased	141.78	141.6	-0.183
56	10	LDR-Unbiased	141.65	138.48	-3.169
57	10	LDR-Unbiased	138.65	133.71	-4.94
76	30	LDR-Biased	142.3	143.9	1.608
78	30	LDR-Biased	138.94	141.5	2.568
79	30	LDR-Biased	142.57	137.28	-5.281
80	30	LDR-Biased	138.87	140.45	1.581
81	30	LDR-Biased	139.83	136.99	-2.842
82	30	LDR-Unbiased	141.16	144	2.847
83	30	LDR-Unbiased	140.77	142.14	1.37
84	30	LDR-Unbiased	138.65	138	-0.657
85	30	LDR-Unbiased	141.78	146.52	4.736
86	30	LDR-Unbiased	141.65	143.48	1.836
87	100	LDR-Biased	139.12	144.01	4.887
88	100	LDR-Biased	142.19	139.63	-2.562
90	100	LDR-Biased	138.91	139.42	0.503
91	100	LDR-Unbiased	141.21	144.85	3.646
93	100	LDR-Unbiased	139.66	145.71	6.048
94	100	LDR-Unbiased	142.48	139.31	-3.171
95	100	LDR-Unbiased	140.91	142.95	2.046
96	100	LDR-Unbiased	138.53	141.93	3.397
106	50	LDR-Biased	142.3	141.51	-0.783
108	50	LDR-Biased	138.94	139.41	0.478
109	50	LDR-Biased	142.57	135.42	-7.149
110	50	LDR-Biased	138.87	137.39	-1.479
111	50	LDR-Biased	139.83	134.94	-4.891
112	50	LDR-Unbiased	141.16	141.35	0.194
113	50	LDR-Unbiased	140.77	139.66	-1.114
115	50	LDR-Unbiased	141.78	143.71	1.929
116	50	LDR-Unbiased	141.65	140.47	-1.176
117	50	LDR-Unbiased	138.65	135.91	-2.738

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.93	142.17	144.42	3.1742	139.93	142.17	144.42	3.1742	0	0	0	0
3	138.65	140.65	142.57	1.4791	135.04	139.29	144.02	3.1258	-7.273	-1.3587	2.237	2.8967
10	138.65	140.65	142.57	1.4791	132.7	136.87	141.6	2.9743	-9.478	-3.7846	-0.183	2.7812
30	138.65	140.65	142.57	1.4791	136.99	141.43	146.52	3.2146	-5.281	0.7766	4.736	2.9407
50	138.65	140.65	142.57	1.4791	134.94	138.98	143.71	2.9481	-7.149	-1.6729	1.929	2.6657
100	138.53	140.38	142.48	1.5262	139.31	142.23	145.71	2.5633	-3.171	1.8493	6.048	3.3593

Device Test: 19.35 tsr_SEQ_Falling/SEQ_DONE/7/3/0/0/0/@SEQ_DONE_SLEW_RATE_FALL





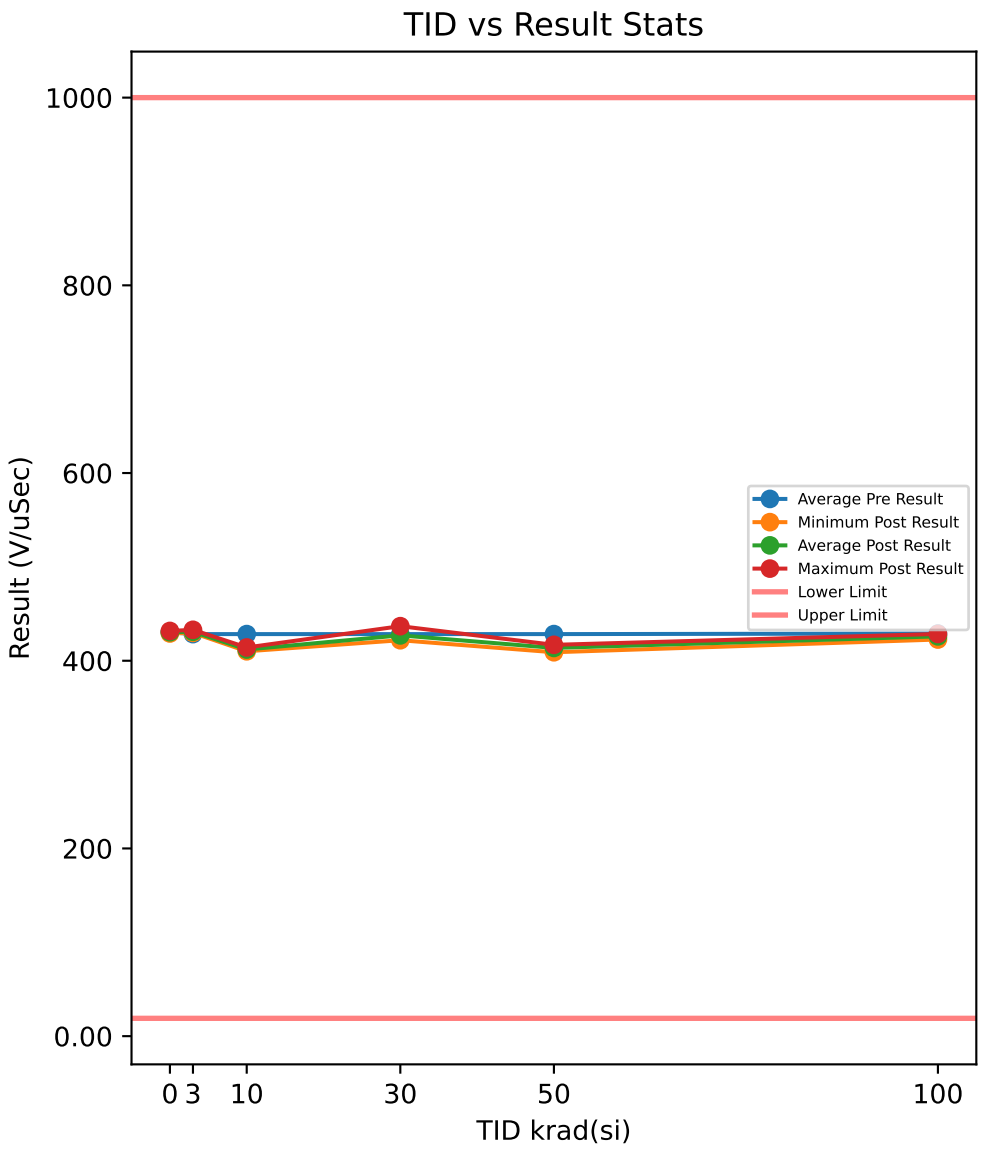
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

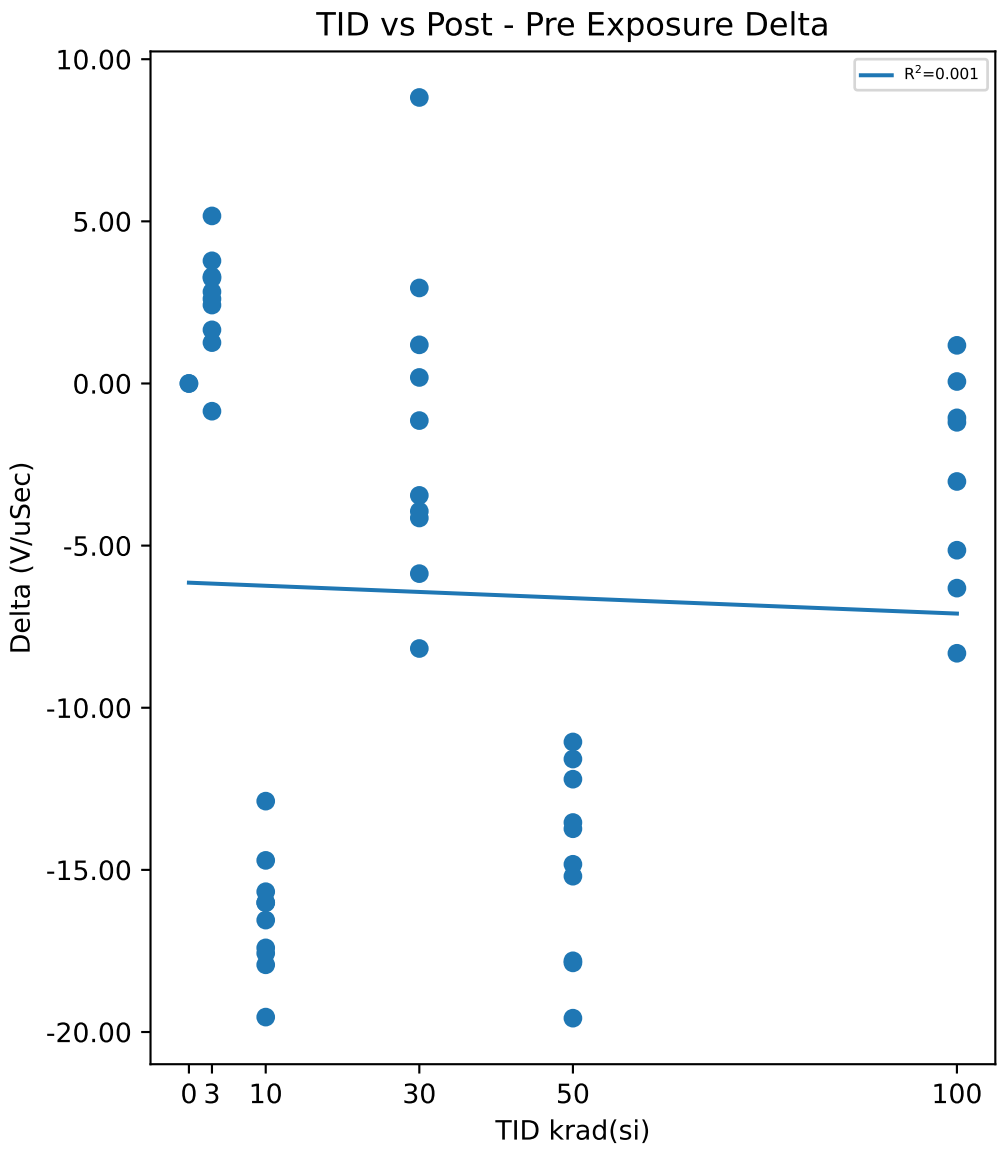
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	129.15	129.15	0
7	0	Correlation	131.79	131.79	0
16	3	LDR-Biased	130.6	129.63	-0.973
18	3	LDR-Biased	128.88	128.38	-0.502
19	3	LDR-Biased	130.64	124.13	-6.515
20	3	LDR-Biased	128.24	126.28	-1.961
21	3	LDR-Biased	129.14	124.77	-4.364
22	3	LDR-Unbiased	129.86	131.01	1.155
23	3	LDR-Unbiased	129.3	128.29	-1.006
25	3	LDR-Unbiased	129.77	131.27	1.501
26	3	LDR-Unbiased	130.22	128.91	-1.312
27	3	LDR-Unbiased	127.08	125.6	-1.476
46	10	LDR-Biased	130.6	125.88	-4.722
48	10	LDR-Biased	128.88	124.35	-4.533
49	10	LDR-Biased	130.64	121.14	-9.502
50	10	LDR-Biased	128.24	123.78	-4.461
51	10	LDR-Biased	129.14	121.78	-7.353
52	10	LDR-Unbiased	129.86	127.51	-2.35
53	10	LDR-Unbiased	129.3	124.62	-4.682
55	10	LDR-Unbiased	129.77	127.71	-2.06
56	10	LDR-Unbiased	130.22	125.73	-4.49
57	10	LDR-Unbiased	127.08	121.7	-5.377
76	30	LDR-Biased	130.6	129.37	-1.236
78	30	LDR-Biased	128.88	128.81	-0.073
79	30	LDR-Biased	130.64	125.35	-5.29
80	30	LDR-Biased	128.24	127.21	-1.035
81	30	LDR-Biased	129.14	126.14	-3.002
82	30	LDR-Unbiased	129.86	130.28	0.422
83	30	LDR-Unbiased	129.3	129.61	0.314
84	30	LDR-Unbiased	127.08	126.27	-0.806
85	30	LDR-Unbiased	129.77	131.56	1.787
86	30	LDR-Unbiased	130.22	130.34	0.124
87	100	LDR-Biased	128.36	131.6	3.233
88	100	LDR-Biased	130.31	128.61	-1.701
90	100	LDR-Biased	128.74	128.41	-0.327
91	100	LDR-Unbiased	130	132.38	2.373
93	100	LDR-Unbiased	128.6	133.88	5.276
94	100	LDR-Unbiased	130.81	127.43	-3.378
95	100	LDR-Unbiased	129.27	130.89	1.621
96	100	LDR-Unbiased	127.47	129.33	1.864
106	50	LDR-Biased	130.6	127.54	-3.069
108	50	LDR-Biased	128.88	126.36	-2.52
109	50	LDR-Biased	130.64	122.97	-7.669
110	50	LDR-Biased	128.24	124.56	-3.685
111	50	LDR-Biased	129.14	123.47	-5.665
112	50	LDR-Unbiased	129.86	128.22	-1.642
113	50	LDR-Unbiased	129.3	125.88	-3.417
115	50	LDR-Unbiased	129.77	130.11	0.34
116	50	LDR-Unbiased	130.22	126.59	-3.634
117	50	LDR-Unbiased	127.08	124.11	-2.974

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	129.15	130.47	131.79	1.8625	129.15	130.47	131.79	1.8625	0	0	0	0
3	127.08	129.37	130.64	1.1097	124.13	127.83	131.27	2.5235	-6.515	-1.5453	1.501	2.3841
10	127.08	129.37	130.64	1.1097	121.14	124.42	127.71	2.3515	-9.502	-4.953	-2.06	2.174
30	127.08	129.37	130.64	1.1097	125.35	128.49	131.56	2.1118	-5.29	-0.8795	1.787	2
50	127.08	129.37	130.64	1.1097	122.97	125.98	130.11	2.2577	-7.669	-3.3935	0.34	2.1508
100	127.47	129.2	130.81	1.1187	127.43	130.32	133.88	2.2271	-3.378	1.1201	5.276	2.7876

Device Test: 19.36 tsr_EN1_Rising/EN1/7/14/0/0/0/@EN_SLEW_RATE_RISE





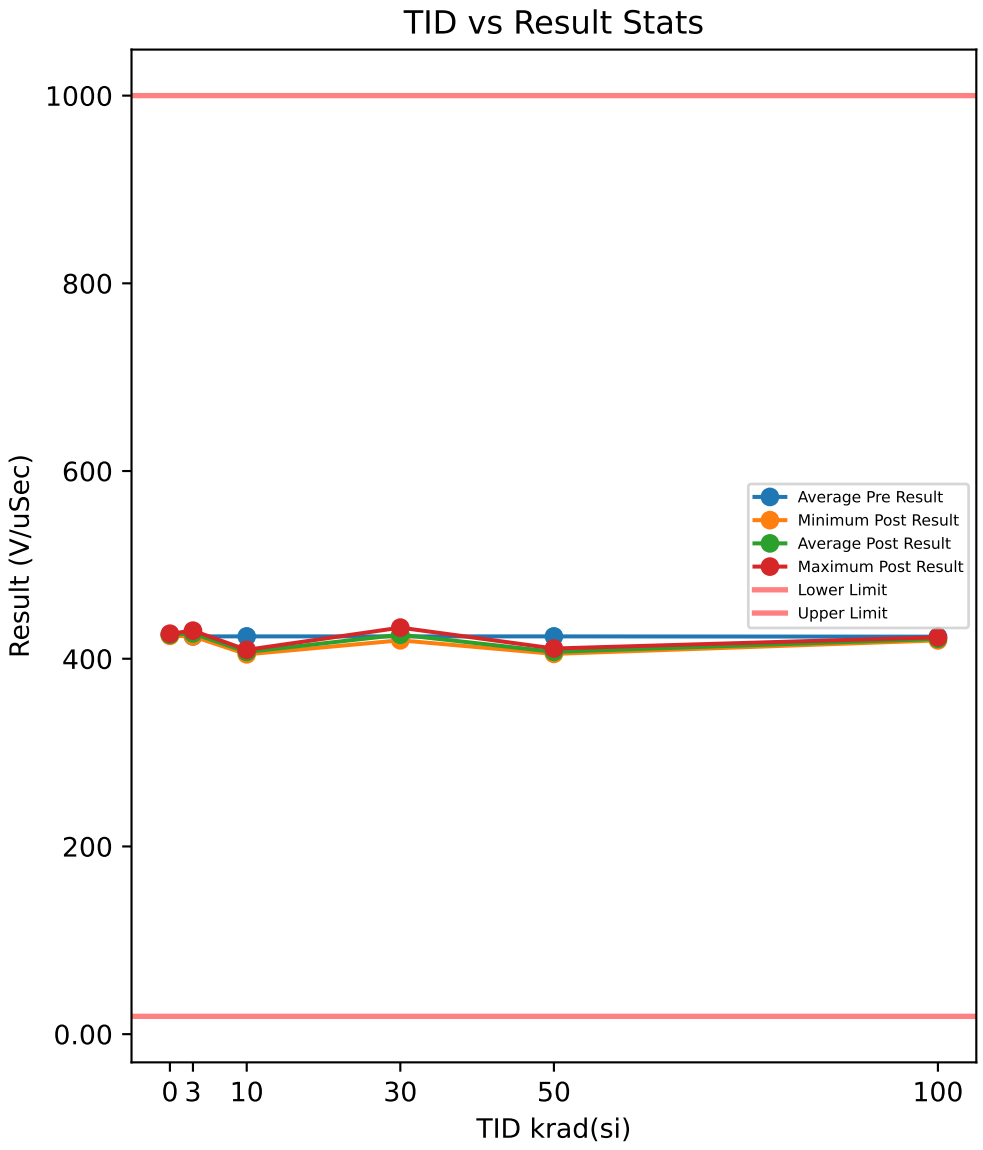
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

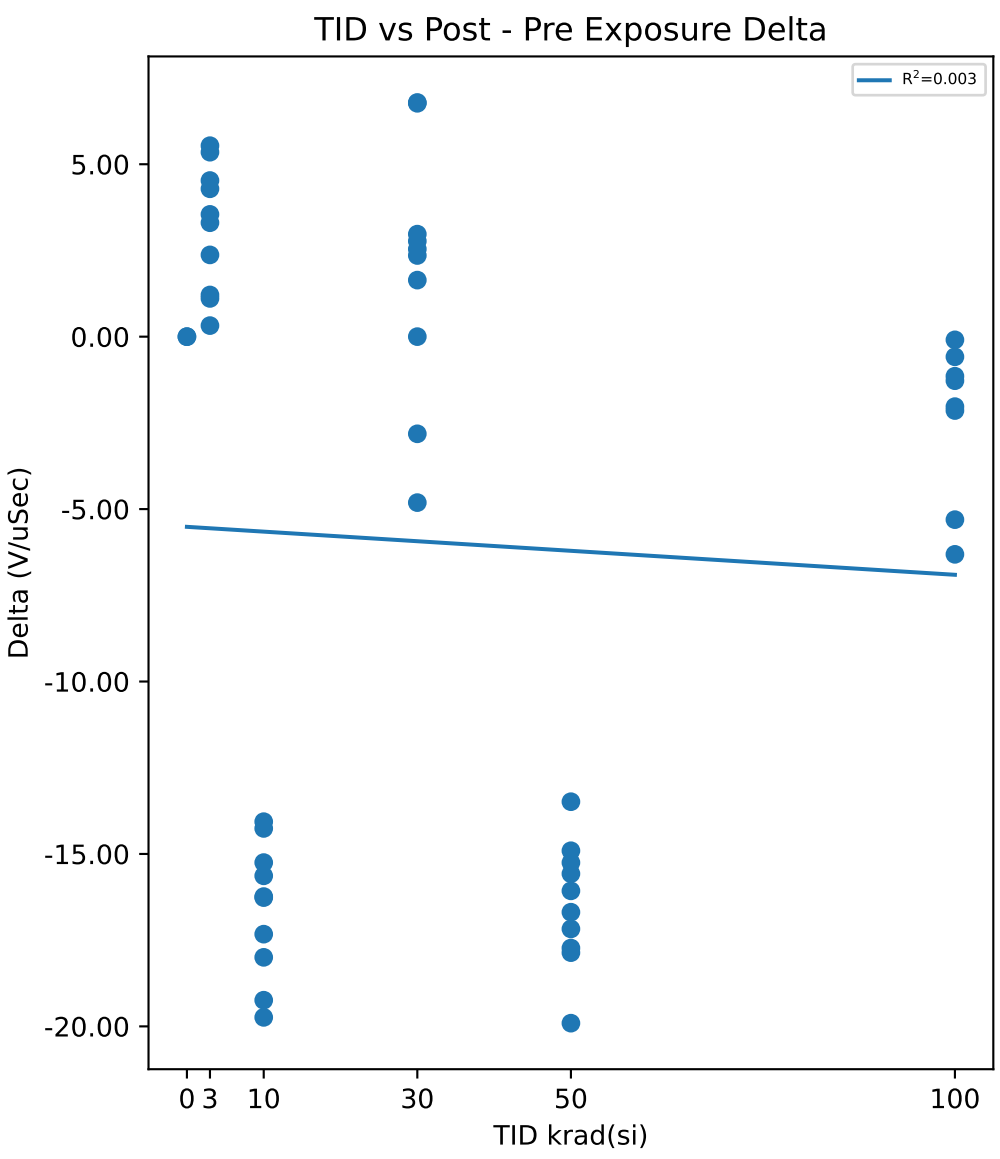
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	429.06	429.06	0
7	0	Correlation	431.74	431.74	0
16	3	LDR-Biased	428.72	431.14	2.418
18	3	LDR-Biased	428.07	431.37	3.295
19	3	LDR-Biased	428.62	431.23	2.61
20	3	LDR-Biased	427.03	430.28	3.249
21	3	LDR-Biased	432.27	431.42	-0.855
22	3	LDR-Unbiased	428.01	430.84	2.828
23	3	LDR-Unbiased	429.17	432.95	3.783
25	3	LDR-Unbiased	428.43	429.69	1.26
26	3	LDR-Unbiased	425.3	430.47	5.167
27	3	LDR-Unbiased	428.29	429.95	1.654
46	10	LDR-Biased	428.72	411.31	-17.405
48	10	LDR-Biased	428.07	411.52	-16.549
49	10	LDR-Biased	428.62	412.61	-16.009
50	10	LDR-Biased	427.03	414.15	-12.88
51	10	LDR-Biased	432.27	412.73	-19.54
52	10	LDR-Unbiased	428.01	410.08	-17.927
53	10	LDR-Unbiased	429.17	413.16	-16.012
55	10	LDR-Unbiased	428.43	410.86	-17.571
56	10	LDR-Unbiased	425.3	410.59	-14.707
57	10	LDR-Unbiased	428.29	412.62	-15.673
76	30	LDR-Biased	428.72	424.57	-4.148
78	30	LDR-Biased	428.07	426.93	-1.144
79	30	LDR-Biased	428.62	424.68	-3.941
80	30	LDR-Biased	427.03	427.21	0.186
81	30	LDR-Biased	432.27	424.1	-8.173
82	30	LDR-Unbiased	428.01	436.83	8.82
83	30	LDR-Unbiased	429.17	430.36	1.192
84	30	LDR-Unbiased	428.29	422.43	-5.864
85	30	LDR-Unbiased	428.43	431.38	2.946
86	30	LDR-Unbiased	425.3	421.85	-3.451
87	100	LDR-Biased	434.12	425.8	-8.32
88	100	LDR-Biased	429.6	428.54	-1.06
90	100	LDR-Biased	427.65	426.45	-1.198
91	100	LDR-Unbiased	427.59	424.56	-3.022
93	100	LDR-Unbiased	428.92	422.61	-6.311
94	100	LDR-Unbiased	426.95	427.01	0.061
95	100	LDR-Unbiased	426.92	428.09	1.176
96	100	LDR-Unbiased	429.96	424.82	-5.142
106	50	LDR-Biased	428.72	410.85	-17.868
108	50	LDR-Biased	428.07	412.88	-15.195
109	50	LDR-Biased	428.62	409.05	-19.573
110	50	LDR-Biased	427.03	415.45	-11.582
111	50	LDR-Biased	432.27	414.47	-17.804
112	50	LDR-Unbiased	428.01	416.95	-11.055
113	50	LDR-Unbiased	429.17	414.34	-14.827
115	50	LDR-Unbiased	428.43	414.7	-13.732
116	50	LDR-Unbiased	425.3	413.1	-12.203
117	50	LDR-Unbiased	428.29	414.75	-13.539

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	429.06	430.4	431.74	1.8908	429.06	430.4	431.74	1.8908	0	0	0	0
3	425.3	428.39	432.27	1.7479	429.69	430.93	432.95	0.9311	-0.855	2.5409	5.167	1.6183
10	425.3	428.39	432.27	1.7479	410.08	411.96	414.15	1.2861	-19.54	-16.427	-12.88	1.8462
30	425.3	428.39	432.27	1.7479	421.85	427.03	436.83	4.6458	-8.173	-1.3577	8.82	4.9062
50	425.3	428.39	432.27	1.7479	409.05	413.65	416.95	2.2986	-19.573	-14.738	-11.055	2.8904
100	426.92	428.96	434.12	2.3864	422.61	425.99	428.54	1.9667	-8.32	-2.977	1.176	3.331

Device Test: 19.37 tsr_EN2_Rising/EN2/7/14/0/0/0/@EN_SLEW_RATE_RISE





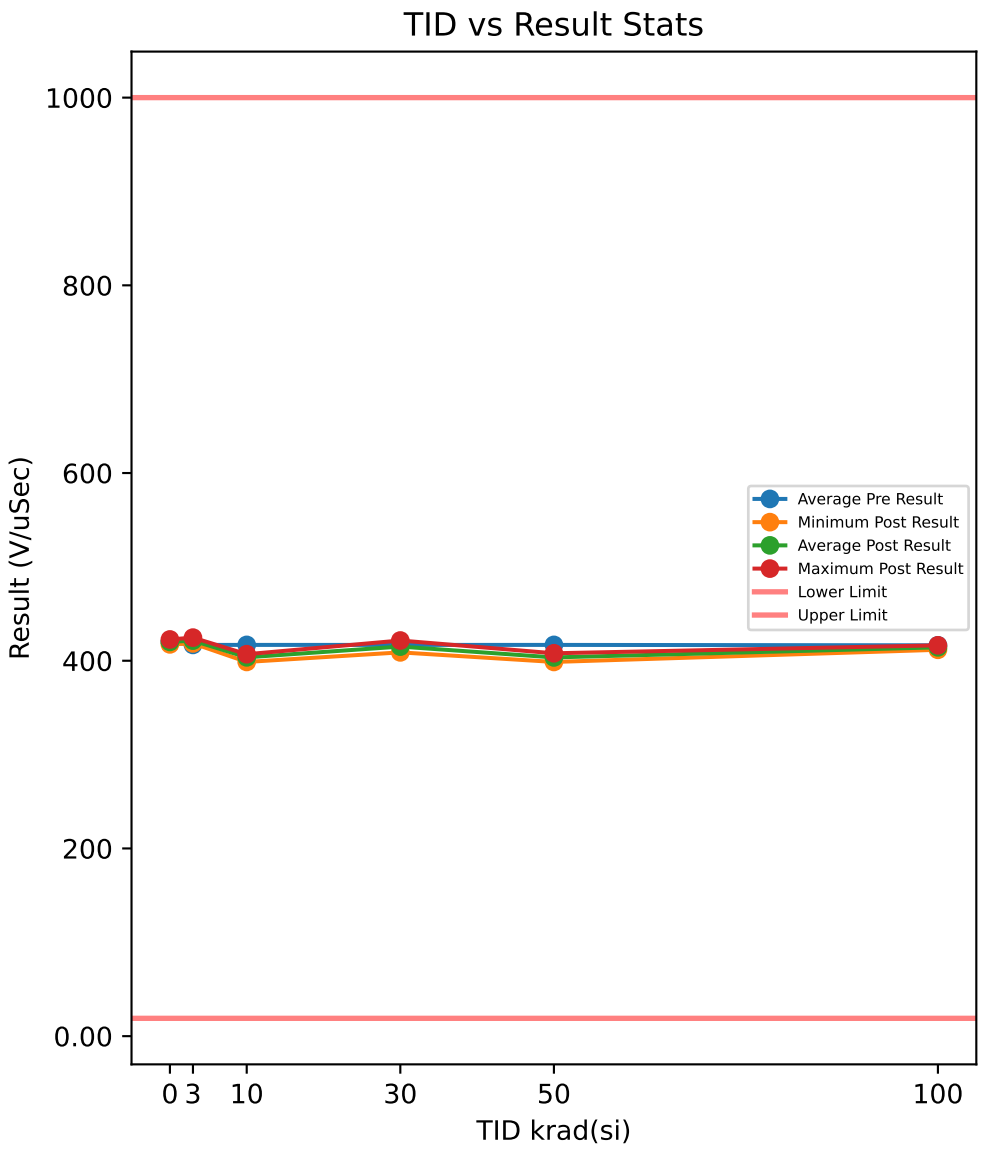
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	424.42	424.42	0
7	0	Correlation	426.69	426.69	0
16	3	LDR-Biased	424.39	429.93	5.538
18	3	LDR-Biased	420.29	425.64	5.349
19	3	LDR-Biased	423.56	423.89	0.321
20	3	LDR-Biased	426.39	427.6	1.209
21	3	LDR-Biased	424.33	427.63	3.304
22	3	LDR-Unbiased	424.44	428.72	4.288
23	3	LDR-Unbiased	423.56	428.09	4.528
25	3	LDR-Unbiased	425.08	426.19	1.109
26	3	LDR-Unbiased	423.14	426.68	3.546
27	3	LDR-Unbiased	422.98	425.36	2.371
46	10	LDR-Biased	424.39	409.14	-15.25
48	10	LDR-Biased	420.29	406.23	-14.064
49	10	LDR-Biased	423.56	407.3	-16.266
50	10	LDR-Biased	426.39	409.07	-17.326
51	10	LDR-Biased	424.33	405.08	-19.241
52	10	LDR-Unbiased	424.44	404.7	-19.739
53	10	LDR-Unbiased	423.56	405.56	-17.998
55	10	LDR-Unbiased	425.08	409.45	-15.634
56	10	LDR-Unbiased	423.14	408.88	-14.26
57	10	LDR-Unbiased	422.98	406.75	-16.236
76	30	LDR-Biased	424.39	426.93	2.54
78	30	LDR-Biased	420.29	423.06	2.77
79	30	LDR-Biased	423.56	426.54	2.973
80	30	LDR-Biased	426.39	433.16	6.767
81	30	LDR-Biased	424.33	424.33	0.001
82	30	LDR-Unbiased	424.44	419.62	-4.812
83	30	LDR-Unbiased	423.56	430.35	6.791
84	30	LDR-Unbiased	422.98	425.34	2.354
85	30	LDR-Unbiased	425.08	422.26	-2.817
86	30	LDR-Unbiased	423.14	424.78	1.64
87	100	LDR-Biased	426.8	421.49	-5.306
88	100	LDR-Biased	423.94	421.8	-2.142
90	100	LDR-Biased	422.17	422.08	-0.092
91	100	LDR-Unbiased	421	419.73	-1.277
93	100	LDR-Unbiased	425.85	419.54	-6.312
94	100	LDR-Unbiased	424	422.85	-1.147
95	100	LDR-Unbiased	422.3	421.72	-0.584
96	100	LDR-Unbiased	422.13	420.11	-2.029
106	50	LDR-Biased	424.39	410.9	-13.485
108	50	LDR-Biased	420.29	405.39	-14.907
109	50	LDR-Biased	423.56	406.39	-17.174
110	50	LDR-Biased	426.39	408.53	-17.862
111	50	LDR-Biased	424.33	409.07	-15.251
112	50	LDR-Unbiased	424.44	407.75	-16.689
113	50	LDR-Unbiased	423.56	405.83	-17.729
115	50	LDR-Unbiased	425.08	405.18	-19.907
116	50	LDR-Unbiased	423.14	407.07	-16.07
117	50	LDR-Unbiased	422.98	407.41	-15.573

Test Statistics (V/uSec)

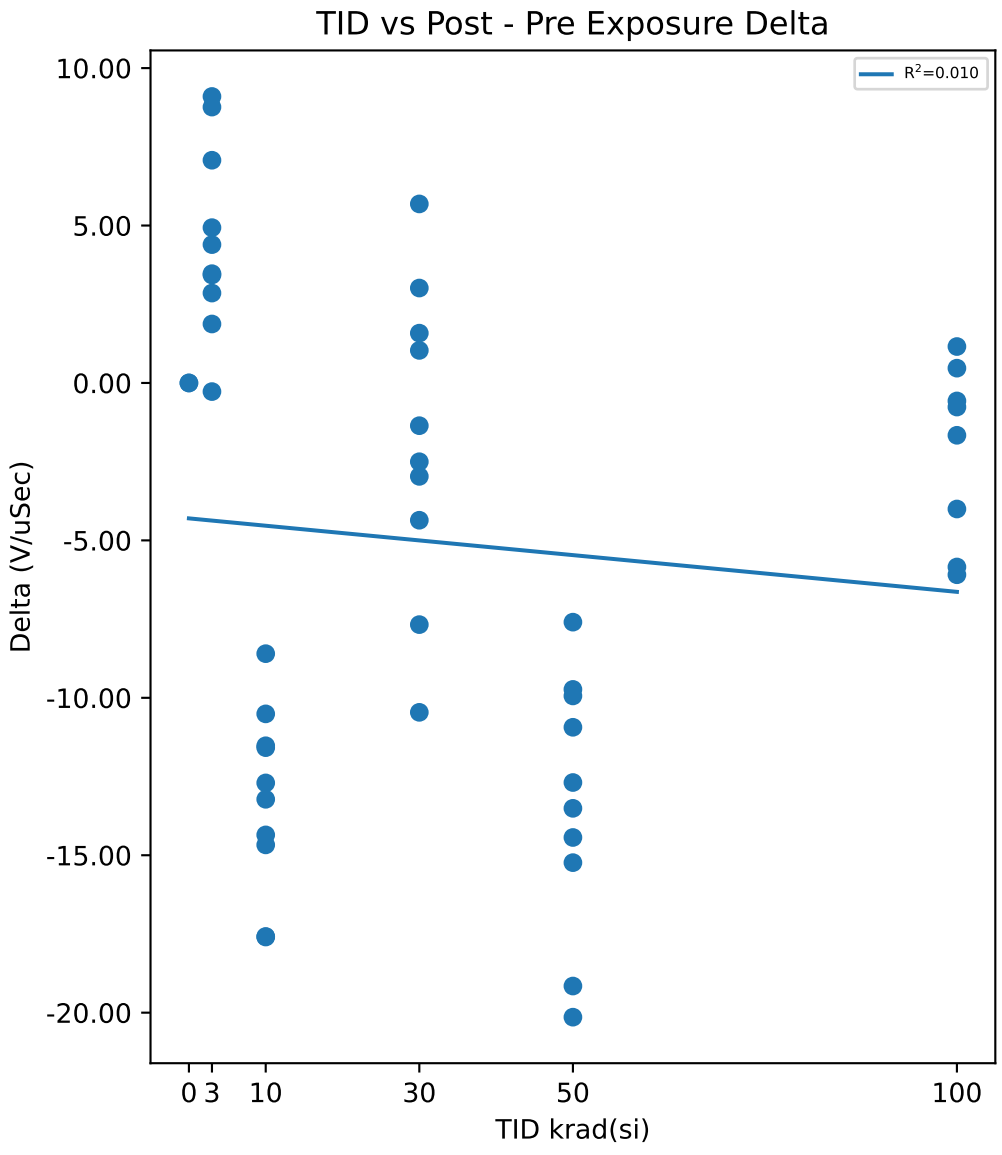
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	424.42	425.56	426.69	1.6016	424.42	425.56	426.69	1.6016	0	0	0	0
3	420.29	423.82	426.39	1.595	423.89	426.97	429.93	1.7786	0.321	3.1563	5.538	1.8395
10	420.29	423.82	426.39	1.595	404.7	407.22	409.45	1.8161	-19.739	-16.601	-14.064	1.9498
30	420.29	423.82	426.39	1.595	419.62	425.64	433.16	3.9157	-4.812	1.8207	6.791	3.6674
50	420.29	423.82	426.39	1.595	405.18	407.35	410.9	1.7965	-19.907	-16.465	-13.485	1.8161
100	421	423.53	426.8	2.0044	419.54	421.16	422.85	1.2149	-6.312	-2.3611	-0.092	2.2487

Device Test: 19.38 tsr_EN3_Rising/EN3/7/14/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

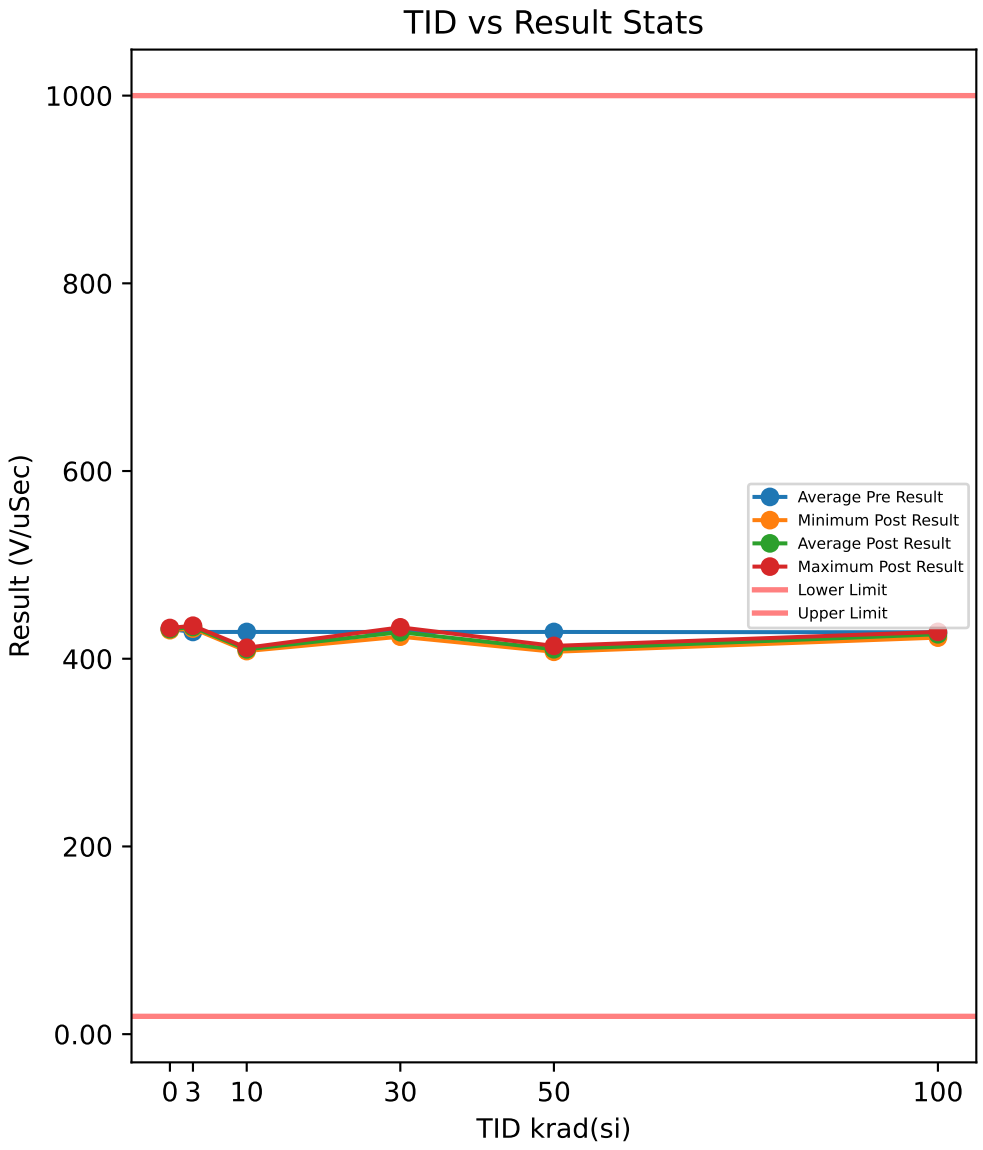
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	417.45	417.45	0
7	0	Correlation	422.69	422.69	0
16	3	LDR-Biased	415.23	424.33	9.099
18	3	LDR-Biased	416.32	419.18	2.855
19	3	LDR-Biased	415.87	424.64	8.762
20	3	LDR-Biased	415.55	419.94	4.394
21	3	LDR-Biased	418.11	423.05	4.933
22	3	LDR-Unbiased	415.43	422.51	7.074
23	3	LDR-Unbiased	421.39	421.12	-0.274
25	3	LDR-Unbiased	417.87	421.3	3.429
26	3	LDR-Unbiased	416.35	419.82	3.471
27	3	LDR-Unbiased	416.6	418.47	1.873
46	10	LDR-Biased	415.23	404.72	-10.51
48	10	LDR-Biased	416.32	398.73	-17.597
49	10	LDR-Biased	415.87	404.35	-11.523
50	10	LDR-Biased	415.55	406.95	-8.598
51	10	LDR-Biased	418.11	404.89	-13.223
52	10	LDR-Unbiased	415.43	402.73	-12.703
53	10	LDR-Unbiased	421.39	403.81	-17.58
55	10	LDR-Unbiased	417.87	403.2	-14.671
56	10	LDR-Unbiased	416.35	404.77	-11.583
57	10	LDR-Unbiased	416.6	402.24	-14.354
76	30	LDR-Biased	415.23	418.24	3.015
78	30	LDR-Biased	416.32	417.36	1.034
79	30	LDR-Biased	415.87	421.56	5.686
80	30	LDR-Biased	415.55	412.58	-2.967
81	30	LDR-Biased	418.11	415.61	-2.502
82	30	LDR-Unbiased	415.43	411.07	-4.36
83	30	LDR-Unbiased	421.39	410.93	-10.461
84	30	LDR-Unbiased	416.6	408.92	-7.675
85	30	LDR-Unbiased	417.87	416.51	-1.357
86	30	LDR-Unbiased	416.35	417.93	1.582
87	100	LDR-Biased	419.39	415.39	-4.003
88	100	LDR-Biased	414.47	414.94	0.47
90	100	LDR-Biased	416.89	416.13	-0.765
91	100	LDR-Unbiased	413.97	412.31	-1.662
93	100	LDR-Unbiased	417.75	411.66	-6.091
94	100	LDR-Unbiased	415.26	416.42	1.157
95	100	LDR-Unbiased	417.95	412.1	-5.845
96	100	LDR-Unbiased	415.88	415.31	-0.571
106	50	LDR-Biased	415.23	405.49	-9.733
108	50	LDR-Biased	416.32	401.09	-15.235
109	50	LDR-Biased	415.87	405.93	-9.94
110	50	LDR-Biased	415.55	407.95	-7.597
111	50	LDR-Biased	418.11	405.42	-12.69
112	50	LDR-Unbiased	415.43	401	-14.436
113	50	LDR-Unbiased	421.39	401.25	-20.143
115	50	LDR-Unbiased	417.87	398.72	-19.154
116	50	LDR-Unbiased	416.35	402.84	-13.51
117	50	LDR-Unbiased	416.6	405.66	-10.936



Test Statistics (V/uSec)

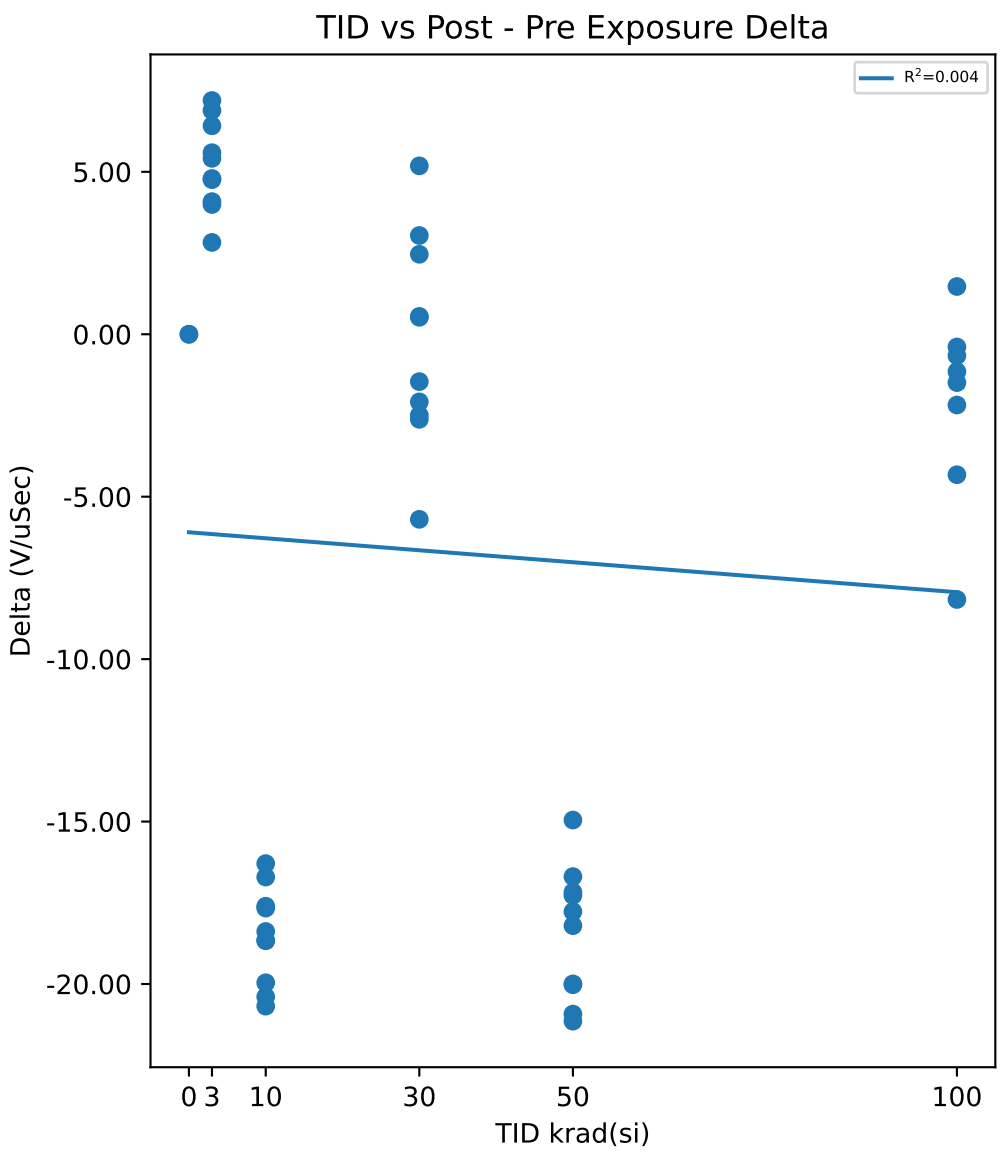
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	417.45	420.07	422.69	3.7031	417.45	420.07	422.69	3.7031	0	0	0	0
3	415.23	416.87	421.39	1.8593	418.47	421.43	424.64	2.1394	-0.274	4.5616	9.099	2.9945
10	415.23	416.87	421.39	1.8593	398.73	403.64	406.95	2.176	-17.597	-13.234	-8.598	2.9077
30	415.23	416.87	421.39	1.8593	408.92	415.07	421.56	4.0154	-10.461	-1.8005	5.686	4.9083
50	415.23	416.87	421.39	1.8593	398.72	403.54	407.95	2.9542	-20.143	-13.337	-7.597	4.0642
100	413.97	416.45	419.39	1.874	411.66	414.28	416.42	1.9353	-6.091	-2.1637	1.157	2.8048

Device Test: 19.39 tsr_EN4_Rising/EN4/7/14/0/0/0/@EN_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

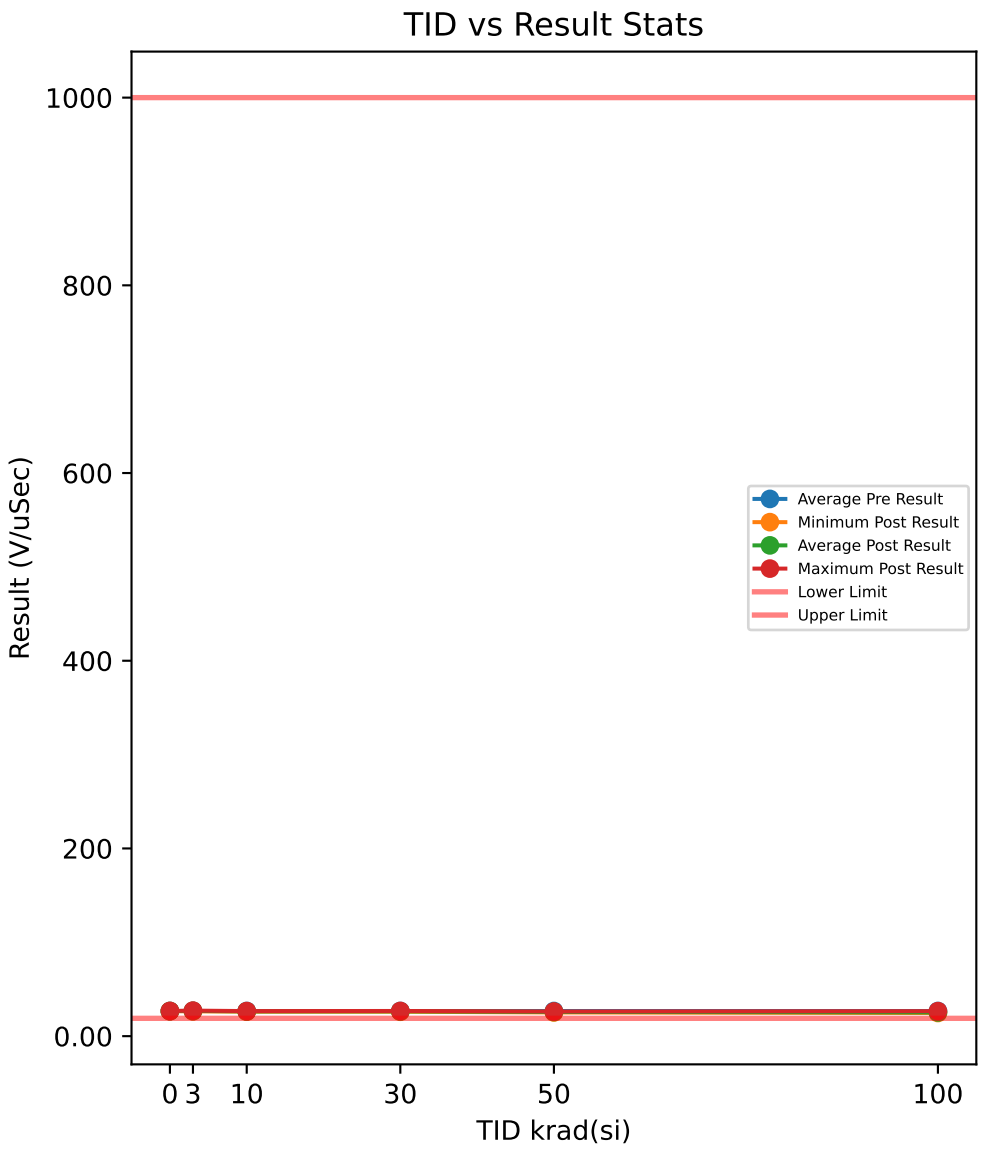
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	430.4	430.4	0
7	0	Correlation	432.76	432.76	0
16	3	LDR-Biased	428.58	433.37	4.795
18	3	LDR-Biased	429.3	432.13	2.827
19	3	LDR-Biased	427.74	432.5	4.759
20	3	LDR-Biased	428.65	435.06	6.417
21	3	LDR-Biased	428.29	433.88	5.589
22	3	LDR-Unbiased	428	435.19	7.196
23	3	LDR-Unbiased	429.16	434.57	5.414
25	3	LDR-Unbiased	428.55	432.63	4.083
26	3	LDR-Unbiased	429.21	433.2	3.994
27	3	LDR-Unbiased	427.96	434.85	6.891
46	10	LDR-Biased	428.58	410.97	-17.605
48	10	LDR-Biased	429.3	408.62	-20.682
49	10	LDR-Biased	427.74	411.03	-16.708
50	10	LDR-Biased	428.65	410.98	-17.664
51	10	LDR-Biased	428.29	409.9	-18.384
52	10	LDR-Unbiased	428	409.33	-18.669
53	10	LDR-Unbiased	429.16	409.2	-19.962
55	10	LDR-Unbiased	428.55	408.15	-20.394
56	10	LDR-Unbiased	429.21	410.55	-18.659
57	10	LDR-Unbiased	427.96	411.66	-16.294
76	30	LDR-Biased	428.58	429.1	0.522
78	30	LDR-Biased	429.3	426.81	-2.491
79	30	LDR-Biased	427.74	430.78	3.04
80	30	LDR-Biased	428.65	427.19	-1.458
81	30	LDR-Biased	428.29	433.47	5.184
82	30	LDR-Unbiased	428	425.91	-2.082
83	30	LDR-Unbiased	429.16	429.71	0.55
84	30	LDR-Unbiased	427.96	430.42	2.461
85	30	LDR-Unbiased	428.55	425.93	-2.619
86	30	LDR-Unbiased	429.21	423.51	-5.697
87	100	LDR-Biased	430.67	422.5	-8.164
88	100	LDR-Biased	427.66	427.01	-0.658
90	100	LDR-Biased	426.97	424.79	-2.178
91	100	LDR-Unbiased	427.62	426.47	-1.148
93	100	LDR-Unbiased	428.92	424.59	-4.324
94	100	LDR-Unbiased	426.19	427.66	1.47
95	100	LDR-Unbiased	430.1	428.62	-1.488
96	100	LDR-Unbiased	427.34	426.95	-0.392
106	50	LDR-Biased	428.58	410.37	-18.204
108	50	LDR-Biased	429.3	409.3	-19.997
109	50	LDR-Biased	427.74	411.04	-16.694
110	50	LDR-Biased	428.65	413.69	-14.953
111	50	LDR-Biased	428.29	410.51	-17.772
112	50	LDR-Unbiased	428	410.72	-17.273
113	50	LDR-Unbiased	429.16	409.14	-20.022
115	50	LDR-Unbiased	428.55	407.4	-21.144
116	50	LDR-Unbiased	429.21	408.29	-20.926
117	50	LDR-Unbiased	427.96	410.79	-17.173



Test Statistics (V/uSec)

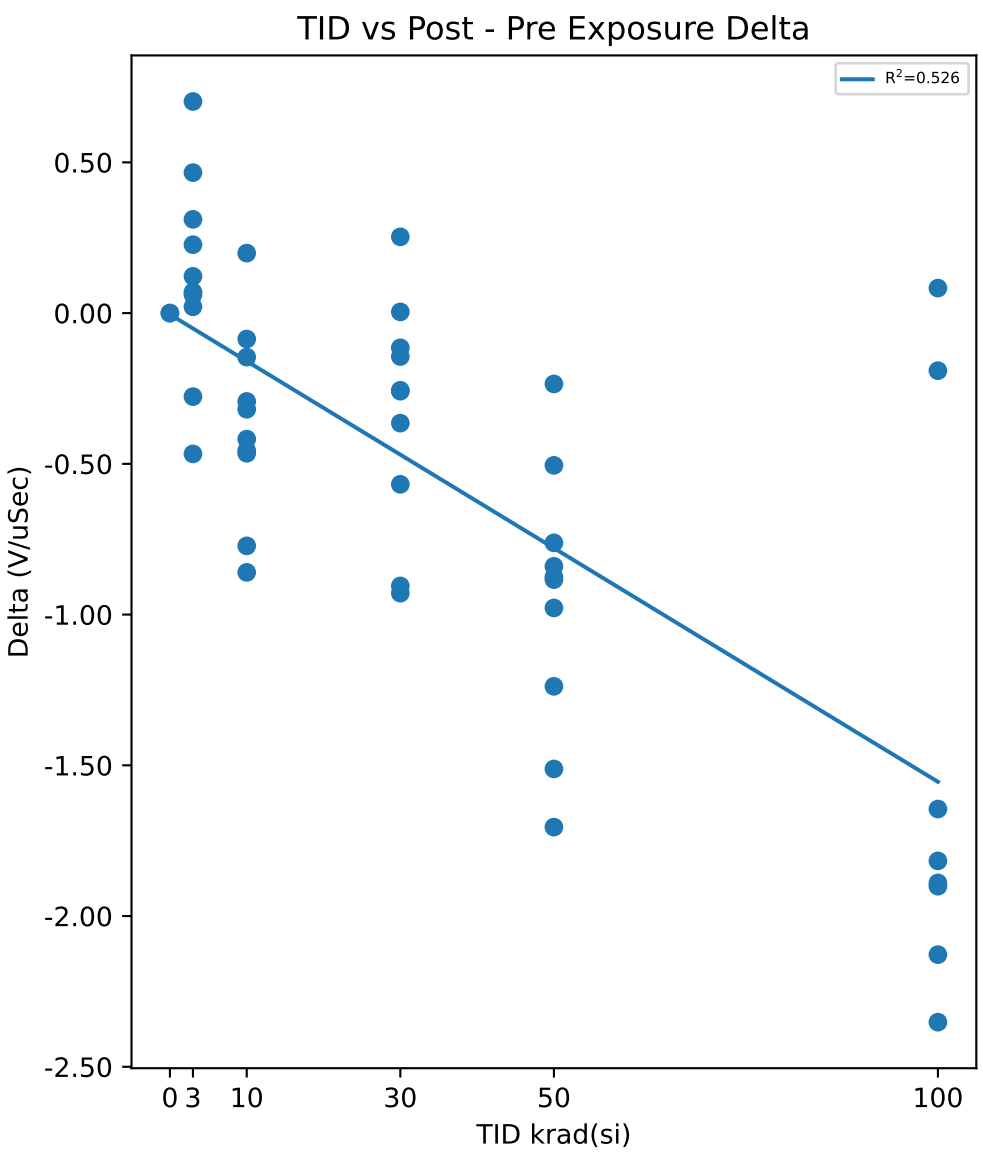
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	430.4	431.58	432.76	1.6652	430.4	431.58	432.76	1.6652	0	0	0	0
3	427.74	428.54	429.3	0.55457	432.13	433.74	435.19	1.1356	2.827	5.1965	7.196	1.383
10	427.74	428.54	429.3	0.55457	408.15	410.04	411.66	1.1766	-20.682	-18.502	-16.294	1.4956
30	427.74	428.54	429.3	0.55457	423.51	428.28	433.47	2.9379	-5.697	-0.259	5.184	3.2328
50	427.74	428.54	429.3	0.55457	407.4	410.13	413.69	1.7333	-21.144	-18.416	-14.953	2.03
100	426.19	428.18	430.67	1.5656	422.5	426.07	428.62	1.977	-8.164	-2.1102	1.47	2.9458

Device Test: 19.4 tsr_PWRGD_Rising/PWRGD/1.6/3/0/0/0/@PWRGD_SLEW_RATE_RISE



Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

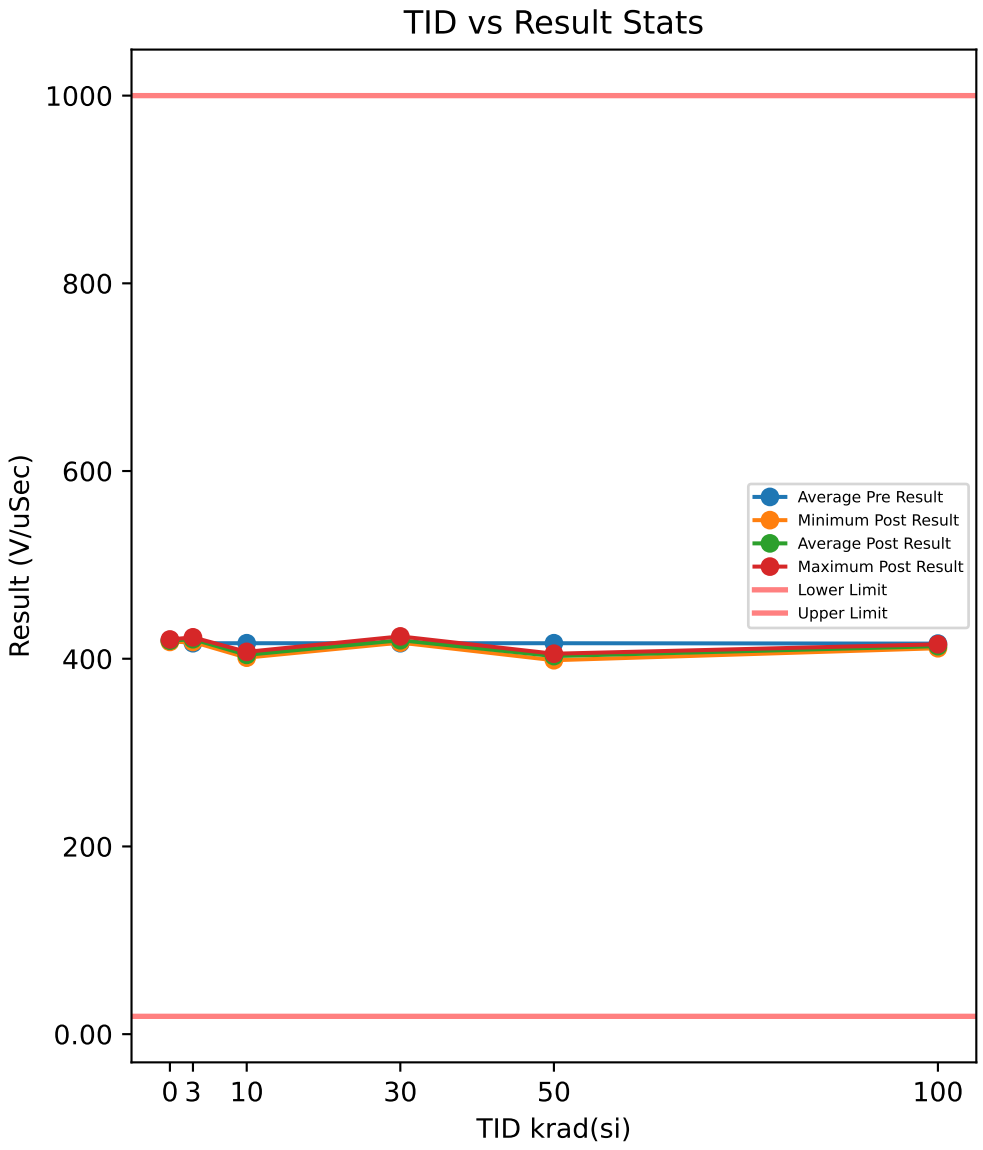
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	26.588	26.588	0
7	0	Correlation	26.859	26.859	0
16	3	LDR-Biased	26.664	27.13	0.466
18	3	LDR-Biased	26.656	26.778	0.122
19	3	LDR-Biased	26.801	26.871	0.07
20	3	LDR-Biased	26.514	27.216	0.702
21	3	LDR-Biased	26.979	27	0.021
22	3	LDR-Unbiased	26.645	26.956	0.311
23	3	LDR-Unbiased	27.029	26.752	-0.277
25	3	LDR-Unbiased	26.931	26.464	-0.467
26	3	LDR-Unbiased	26.823	26.884	0.061
27	3	LDR-Unbiased	26.717	26.944	0.227
46	10	LDR-Biased	26.664	26.518	-0.146
48	10	LDR-Biased	26.656	26.363	-0.293
49	10	LDR-Biased	26.801	26.345	-0.456
50	10	LDR-Biased	26.514	26.713	0.199
51	10	LDR-Biased	26.979	26.561	-0.418
52	10	LDR-Unbiased	26.645	26.559	-0.086
53	10	LDR-Unbiased	27.029	26.257	-0.772
55	10	LDR-Unbiased	26.931	26.071	-0.86
56	10	LDR-Unbiased	26.823	26.358	-0.465
57	10	LDR-Unbiased	26.717	26.398	-0.319
76	30	LDR-Biased	26.664	26.668	0.004
78	30	LDR-Biased	26.656	26.4	-0.256
79	30	LDR-Biased	26.801	26.542	-0.259
80	30	LDR-Biased	26.514	26.767	0.253
81	30	LDR-Biased	26.979	26.835	-0.144
82	30	LDR-Unbiased	26.645	26.53	-0.115
83	30	LDR-Unbiased	27.029	26.124	-0.905
84	30	LDR-Unbiased	26.717	26.352	-0.365
85	30	LDR-Unbiased	26.931	26.002	-0.929
86	30	LDR-Unbiased	26.823	26.255	-0.568
87	100	LDR-Biased	27.08	24.728	-2.352
88	100	LDR-Biased	26.551	26.634	0.083
90	100	LDR-Biased	26.721	26.53	-0.191
91	100	LDR-Unbiased	26.582	24.681	-1.901
93	100	LDR-Unbiased	26.841	24.713	-2.128
94	100	LDR-Unbiased	26.714	25.069	-1.645
95	100	LDR-Unbiased	26.954	25.064	-1.89
96	100	LDR-Unbiased	26.72	24.903	-1.817
106	50	LDR-Biased	26.664	26.159	-0.505
108	50	LDR-Biased	26.656	25.781	-0.875
109	50	LDR-Biased	26.801	26.039	-0.762
110	50	LDR-Biased	26.514	26.279	-0.235
111	50	LDR-Biased	26.979	26.095	-0.884
112	50	LDR-Unbiased	26.645	25.805	-0.84
113	50	LDR-Unbiased	27.029	25.517	-1.512
115	50	LDR-Unbiased	26.931	25.226	-1.705
116	50	LDR-Unbiased	26.823	25.585	-1.238
117	50	LDR-Unbiased	26.717	25.739	-0.978

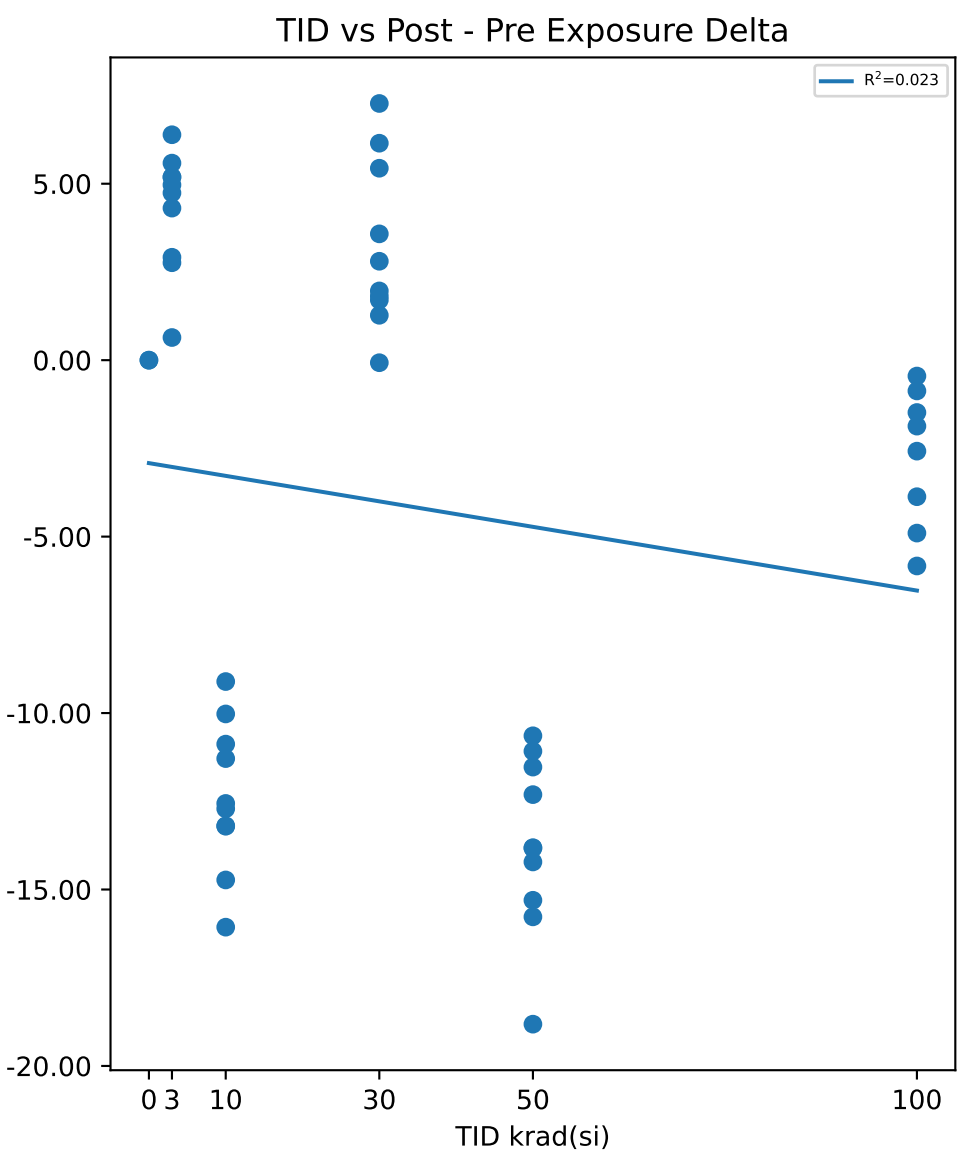


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.588	26.724	26.859	0.19163	26.588	26.724	26.859	0.19163	0	0	0	0
3	26.514	26.776	27.029	0.1661	26.464	26.899	27.216	0.20971	-0.467	0.1236	0.702	0.33734
10	26.514	26.776	27.029	0.1661	26.071	26.414	26.713	0.18132	-0.86	-0.3616	0.199	0.3132
30	26.514	26.776	27.029	0.1661	26.002	26.448	26.835	0.27247	-0.929	-0.3284	0.253	0.3786
50	26.514	26.776	27.029	0.1661	25.226	25.823	26.279	0.32614	-1.705	-0.9534	-0.235	0.43921
100	26.551	26.77	27.08	0.17982	24.681	25.29	26.634	0.81181	-2.352	-1.4801	0.083	0.90797

Device Test: 19.40 tsr_PWRGD_Rising/PWRGD/7/14/0/0/0/@PWRGD_SLEW_RATE_RISE





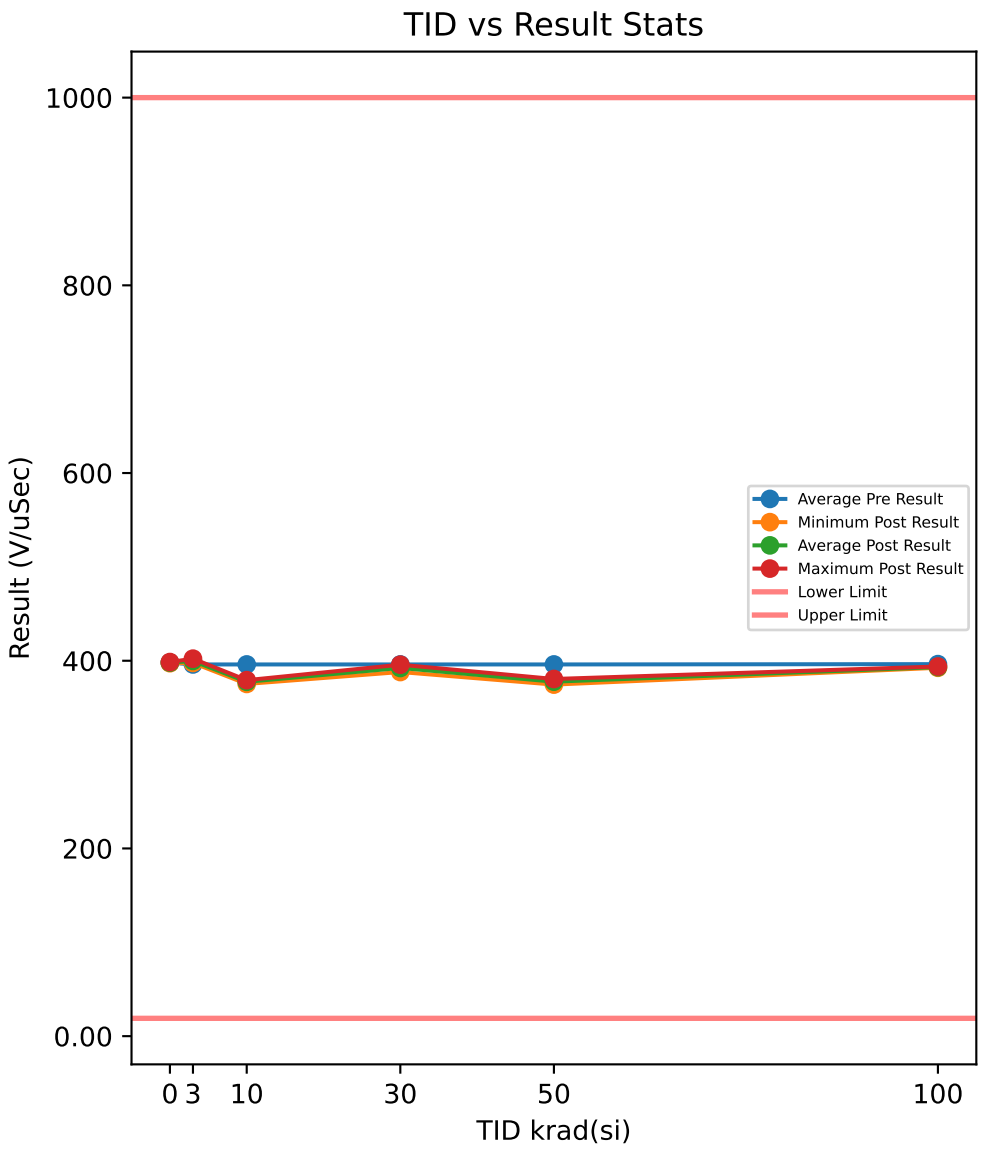
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

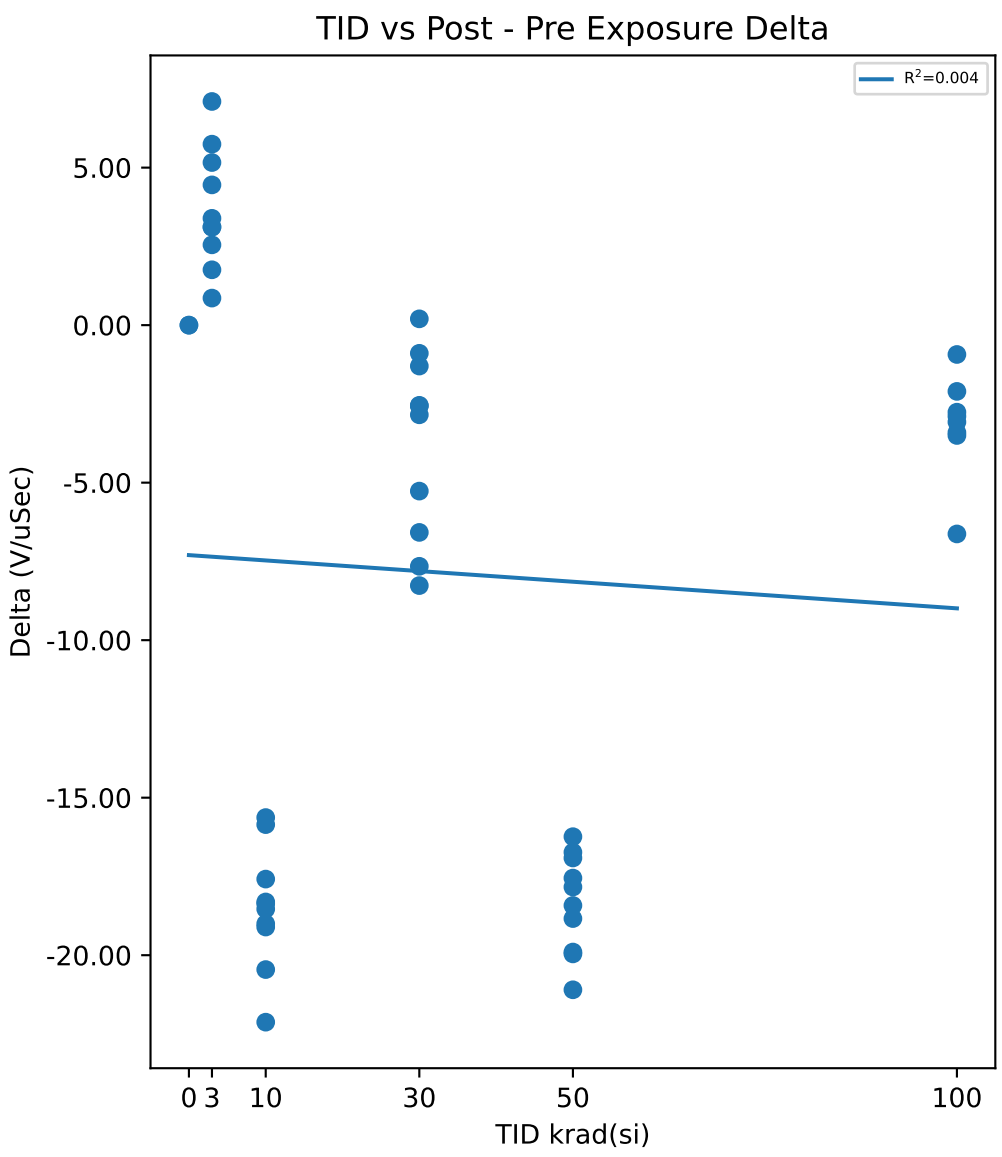
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	417.92	417.92	0
7	0	Correlation	420.55	420.55	0
16	3	LDR-Biased	416.55	421.73	5.189
18	3	LDR-Biased	415.85	420.81	4.967
19	3	LDR-Biased	415.63	418.39	2.761
20	3	LDR-Biased	416.43	422.82	6.388
21	3	LDR-Biased	417.15	422.34	5.187
22	3	LDR-Unbiased	415.69	421.27	5.584
23	3	LDR-Unbiased	416.54	419.46	2.916
25	3	LDR-Unbiased	417.22	417.86	0.642
26	3	LDR-Unbiased	417.31	422.05	4.739
27	3	LDR-Unbiased	416.98	421.29	4.309
46	10	LDR-Biased	416.55	403.34	-13.206
48	10	LDR-Biased	415.85	404.56	-11.29
49	10	LDR-Biased	415.63	404.75	-10.88
50	10	LDR-Biased	416.43	407.33	-9.107
51	10	LDR-Biased	417.15	404.44	-12.711
52	10	LDR-Unbiased	415.69	405.67	-10.025
53	10	LDR-Unbiased	416.54	401.81	-14.729
55	10	LDR-Unbiased	417.22	401.15	-16.067
56	10	LDR-Unbiased	417.31	404.75	-12.561
57	10	LDR-Unbiased	416.98	403.78	-13.196
76	30	LDR-Biased	416.55	420.12	3.579
78	30	LDR-Biased	415.85	418.65	2.803
79	30	LDR-Biased	415.63	417.33	1.704
80	30	LDR-Biased	416.43	422.58	6.148
81	30	LDR-Biased	417.15	422.59	5.439
82	30	LDR-Unbiased	415.69	417.65	1.962
83	30	LDR-Unbiased	416.54	423.81	7.274
84	30	LDR-Unbiased	416.98	418.25	1.272
85	30	LDR-Unbiased	417.22	417.15	-0.072
86	30	LDR-Unbiased	417.31	419.13	1.817
87	100	LDR-Biased	417.75	411.92	-5.832
88	100	LDR-Biased	416.27	415.4	-0.872
90	100	LDR-Biased	415.43	414.98	-0.45
91	100	LDR-Unbiased	415.04	411.17	-3.869
93	100	LDR-Unbiased	417.22	412.32	-4.9
94	100	LDR-Unbiased	415.65	414.17	-1.483
95	100	LDR-Unbiased	416.35	414.48	-1.869
96	100	LDR-Unbiased	415.3	412.72	-2.578
106	50	LDR-Biased	416.55	405.01	-11.531
108	50	LDR-Biased	415.85	402.02	-13.828
109	50	LDR-Biased	415.63	401.82	-13.815
110	50	LDR-Biased	416.43	405.35	-11.081
111	50	LDR-Biased	417.15	404.84	-12.311
112	50	LDR-Unbiased	415.69	405.05	-10.644
113	50	LDR-Unbiased	416.54	401.24	-15.305
115	50	LDR-Unbiased	417.22	398.4	-18.816
116	50	LDR-Unbiased	417.31	401.54	-15.775
117	50	LDR-Unbiased	416.98	402.76	-14.219

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	417.92	419.23	420.55	1.8597	417.92	419.23	420.55	1.8597	0	0	0	0
3	415.63	416.54	417.31	0.63814	417.86	420.8	422.82	1.6861	0.642	4.2682	6.388	1.6957
10	415.63	416.54	417.31	0.63814	401.15	404.16	407.33	1.7825	-16.067	-12.377	-9.107	2.116
30	415.63	416.54	417.31	0.63814	417.15	419.73	423.81	2.4403	-0.072	3.1926	7.274	2.3737
50	415.63	416.54	417.31	0.63814	398.4	402.8	405.35	2.2503	-18.816	-13.733	-10.644	2.4983
100	415.04	416.13	417.75	0.96239	411.17	413.4	415.4	1.5603	-5.832	-2.7316	-0.45	1.9493

Device Test: 19.41 tsr_SEQ_Rising/SEQ_DONE/7/14/0/0/0/@SEQ_DONE_SLEW_RATE_RISE





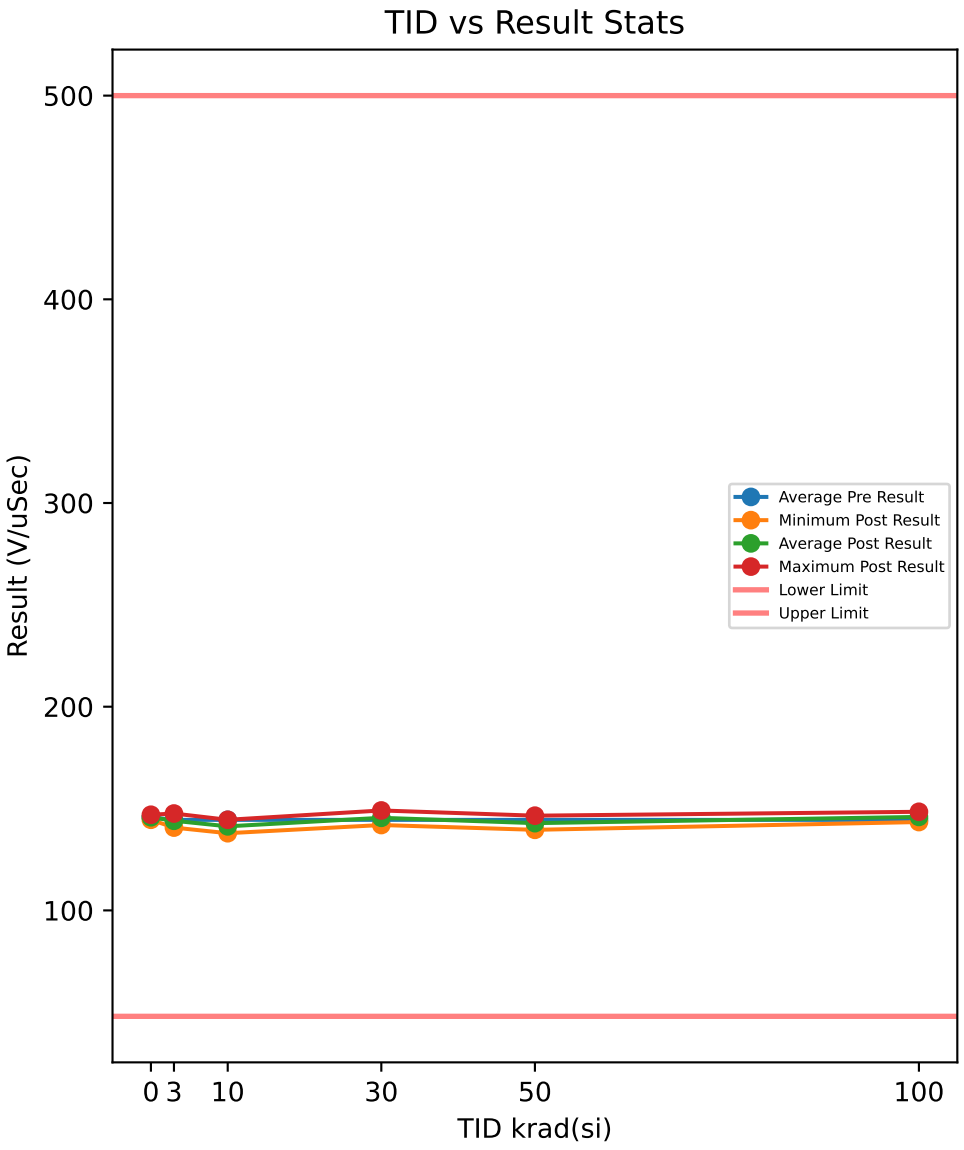
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

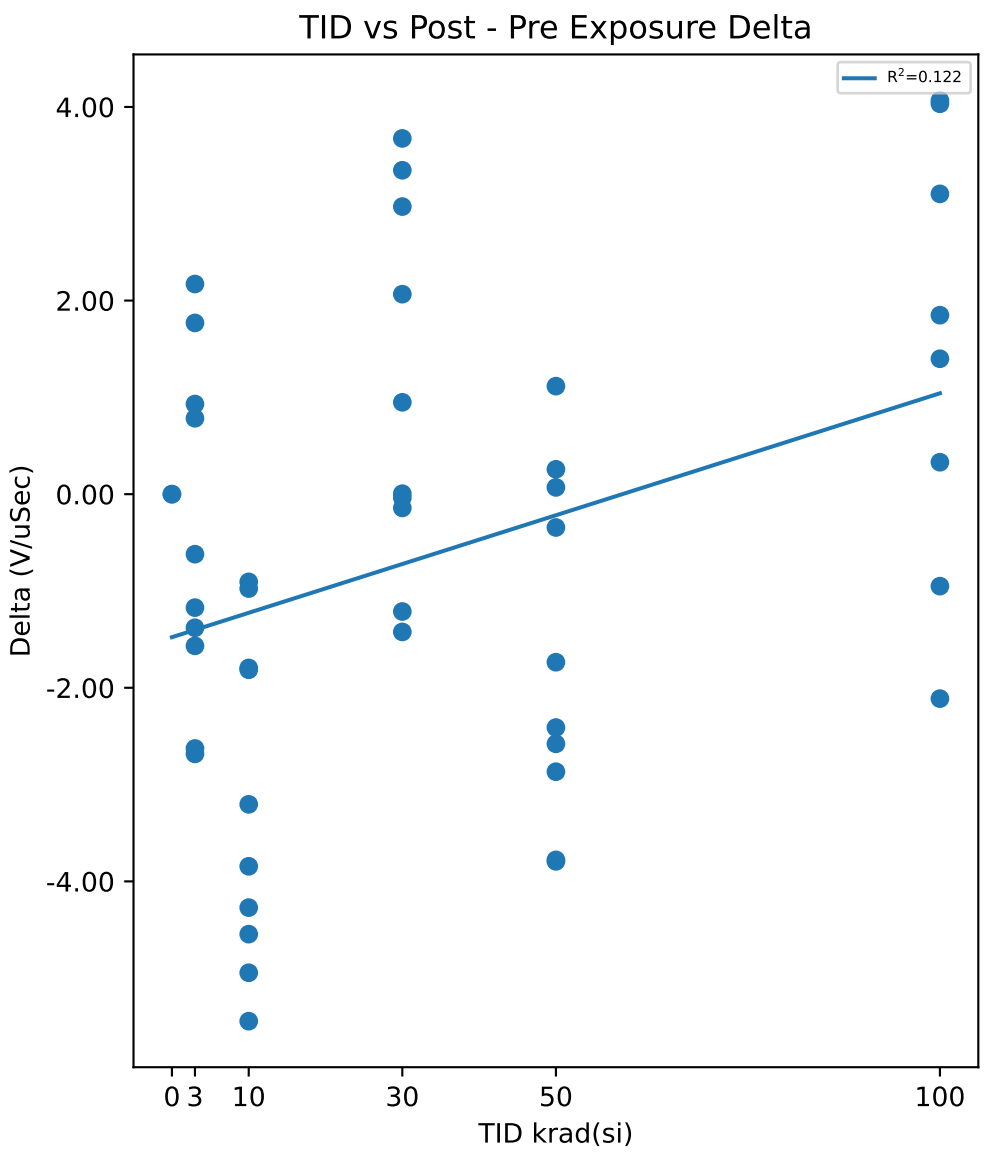
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	398.59	398.59	0
7	0	Correlation	397.38	397.38	0
16	3	LDR-Biased	398.01	398.87	0.859
18	3	LDR-Biased	394.55	400.29	5.745
19	3	LDR-Biased	395.26	398.65	3.391
20	3	LDR-Biased	398.41	400.96	2.549
21	3	LDR-Biased	397.41	399.17	1.757
22	3	LDR-Unbiased	395.12	402.22	7.1
23	3	LDR-Unbiased	397.08	401.53	4.452
25	3	LDR-Unbiased	394.54	397.66	3.121
26	3	LDR-Unbiased	396.11	399.21	3.107
27	3	LDR-Unbiased	394.08	399.24	5.162
46	10	LDR-Biased	398.01	377.56	-20.456
48	10	LDR-Biased	394.55	376.01	-18.535
49	10	LDR-Biased	395.26	376.95	-18.31
50	10	LDR-Biased	398.41	379.31	-19.106
51	10	LDR-Biased	397.41	375.29	-22.126
52	10	LDR-Unbiased	395.12	379.26	-15.855
53	10	LDR-Unbiased	397.08	378.08	-19.002
55	10	LDR-Unbiased	394.54	376.17	-18.367
56	10	LDR-Unbiased	396.11	378.52	-17.584
57	10	LDR-Unbiased	394.08	378.45	-15.631
76	30	LDR-Biased	398.01	390.36	-7.655
78	30	LDR-Biased	394.55	387.97	-6.579
79	30	LDR-Biased	395.26	392.72	-2.545
80	30	LDR-Biased	398.41	395.57	-2.846
81	30	LDR-Biased	397.41	389.14	-8.267
82	30	LDR-Unbiased	395.12	395.32	0.2
83	30	LDR-Unbiased	397.08	395.78	-1.299
84	30	LDR-Unbiased	394.08	393.19	-0.894
85	30	LDR-Unbiased	394.54	391.97	-2.568
86	30	LDR-Unbiased	396.11	390.84	-5.268
87	100	LDR-Biased	396.8	393.72	-3.075
88	100	LDR-Biased	395.91	392.5	-3.408
90	100	LDR-Biased	395.27	393.17	-2.103
91	100	LDR-Unbiased	397	393.5	-3.502
93	100	LDR-Unbiased	399.11	392.48	-6.628
94	100	LDR-Unbiased	396.3	393.4	-2.891
95	100	LDR-Unbiased	394.79	393.86	-0.931
96	100	LDR-Unbiased	395.9	393.14	-2.763
106	50	LDR-Biased	398.01	378.11	-19.9
108	50	LDR-Biased	394.55	377.63	-16.914
109	50	LDR-Biased	395.26	379.02	-16.238
110	50	LDR-Biased	398.41	380.58	-17.836
111	50	LDR-Biased	397.41	378.99	-18.422
112	50	LDR-Unbiased	395.12	378.38	-16.733
113	50	LDR-Unbiased	397.08	375.98	-21.098
115	50	LDR-Unbiased	394.54	374.58	-19.959
116	50	LDR-Unbiased	396.11	377.27	-18.837
117	50	LDR-Unbiased	394.08	376.53	-17.552

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	397.38	397.99	398.59	0.85348	397.38	397.99	398.59	0.85348	0	0	0	0
3	394.08	396.06	398.41	1.5733	397.66	399.78	402.22	1.4242	0.859	3.7243	7.1	1.8972
10	394.08	396.06	398.41	1.5733	375.29	377.56	379.31	1.4063	-22.126	-18.497	-15.631	1.9355
30	394.08	396.06	398.41	1.5733	387.97	392.28	395.78	2.7399	-8.267	-3.7721	0.2	2.97
50	394.08	396.06	398.41	1.5733	374.58	377.71	380.58	1.7193	-21.098	-18.349	-16.238	1.5925
100	394.79	396.38	399.11	1.3219	392.48	393.22	393.86	0.51259	-6.628	-3.1626	-0.931	1.6269

Device Test: 19.42 tsr_EN1_Falling/EN1/7/14/0/0/0/@EN_SLEW_RATE_FALL





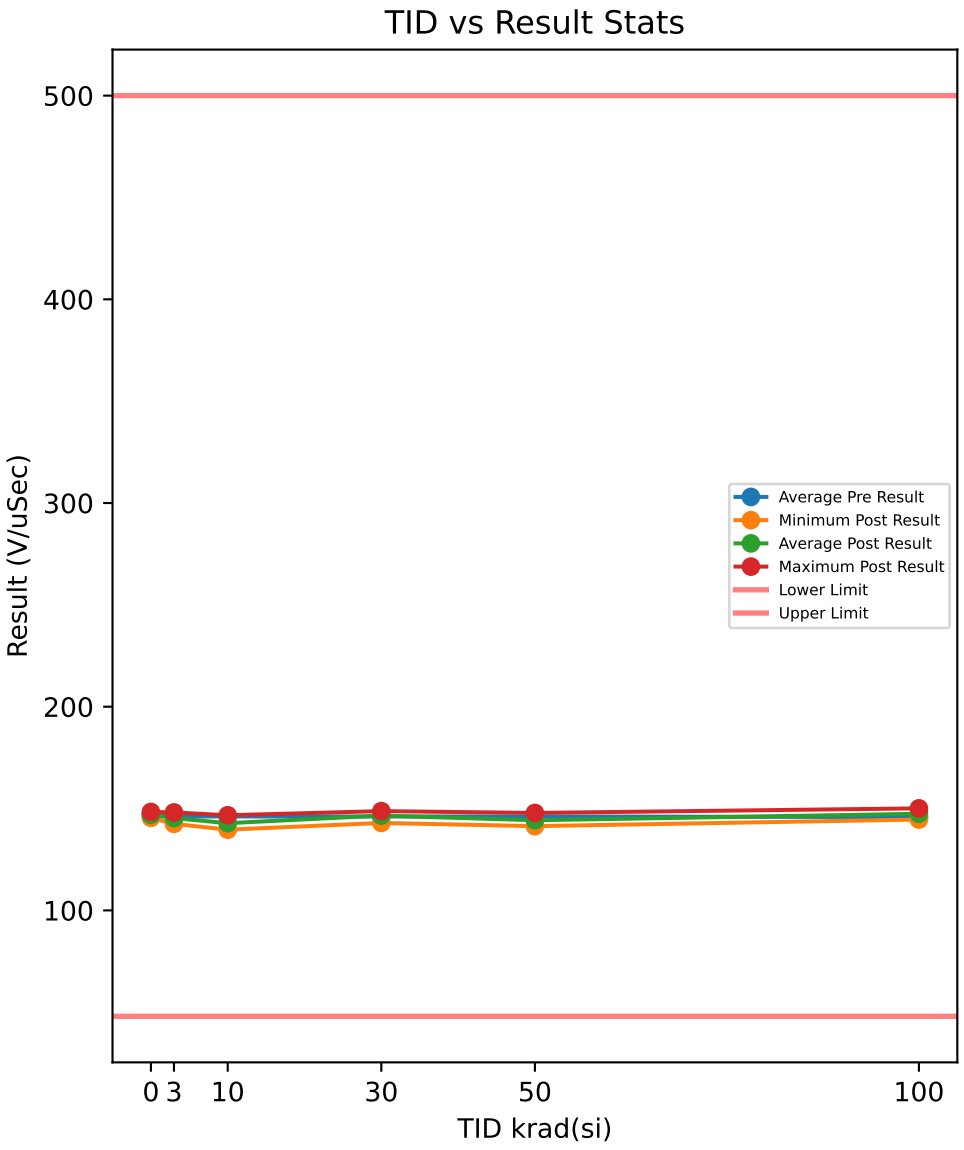
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	144.5	144.5	0
7	0	Correlation	146.96	146.96	0
16	3	LDR-Biased	145.92	144.75	-1.172
18	3	LDR-Biased	143.34	145.11	1.769
19	3	LDR-Biased	144.33	142.95	-1.38
20	3	LDR-Biased	143.52	142.9	-0.62
21	3	LDR-Biased	143.34	140.66	-2.683
22	3	LDR-Unbiased	144.15	144.93	0.784
23	3	LDR-Unbiased	145.71	144.14	-1.567
25	3	LDR-Unbiased	145.39	147.56	2.171
26	3	LDR-Unbiased	143.93	144.86	0.931
27	3	LDR-Unbiased	144.81	142.19	-2.627
46	10	LDR-Biased	145.92	142.08	-3.844
48	10	LDR-Biased	143.34	142.37	-0.975
49	10	LDR-Biased	144.33	140.06	-4.271
50	10	LDR-Biased	143.52	140.32	-3.204
51	10	LDR-Biased	143.34	137.9	-5.444
52	10	LDR-Unbiased	144.15	142.33	-1.814
53	10	LDR-Unbiased	145.71	141.16	-4.545
55	10	LDR-Unbiased	145.39	144.48	-0.906
56	10	LDR-Unbiased	143.93	142.13	-1.795
57	10	LDR-Unbiased	144.81	139.87	-4.944
76	30	LDR-Biased	145.92	145.78	-0.142
78	30	LDR-Biased	143.34	146.69	3.346
79	30	LDR-Biased	144.33	144.34	0.005
80	30	LDR-Biased	143.52	144.47	0.949
81	30	LDR-Biased	143.34	141.92	-1.423
82	30	LDR-Unbiased	144.15	146.21	2.066
83	30	LDR-Unbiased	145.71	145.67	-0.037
84	30	LDR-Unbiased	144.81	143.6	-1.212
85	30	LDR-Unbiased	145.39	149.06	3.675
86	30	LDR-Unbiased	143.93	146.9	2.971
87	100	LDR-Biased	143.45	146.55	3.102
88	100	LDR-Biased	145.8	143.69	-2.112
90	100	LDR-Biased	143.05	143.38	0.33
91	100	LDR-Unbiased	144.38	148.41	4.033
93	100	LDR-Unbiased	143.03	147.09	4.067
94	100	LDR-Unbiased	145.72	144.77	-0.95
95	100	LDR-Unbiased	145.04	146.89	1.849
96	100	LDR-Unbiased	145	146.4	1.399
106	50	LDR-Biased	145.92	143.51	-2.411
108	50	LDR-Biased	143.34	143.6	0.257
109	50	LDR-Biased	144.33	141.75	-2.579
110	50	LDR-Biased	143.52	141.78	-1.736
111	50	LDR-Biased	143.34	139.56	-3.778
112	50	LDR-Unbiased	144.15	143.8	-0.344
113	50	LDR-Unbiased	145.71	142.84	-2.867
115	50	LDR-Unbiased	145.39	146.5	1.116
116	50	LDR-Unbiased	143.93	144	0.07
117	50	LDR-Unbiased	144.81	141.02	-3.793

Test Statistics (V/uSec)

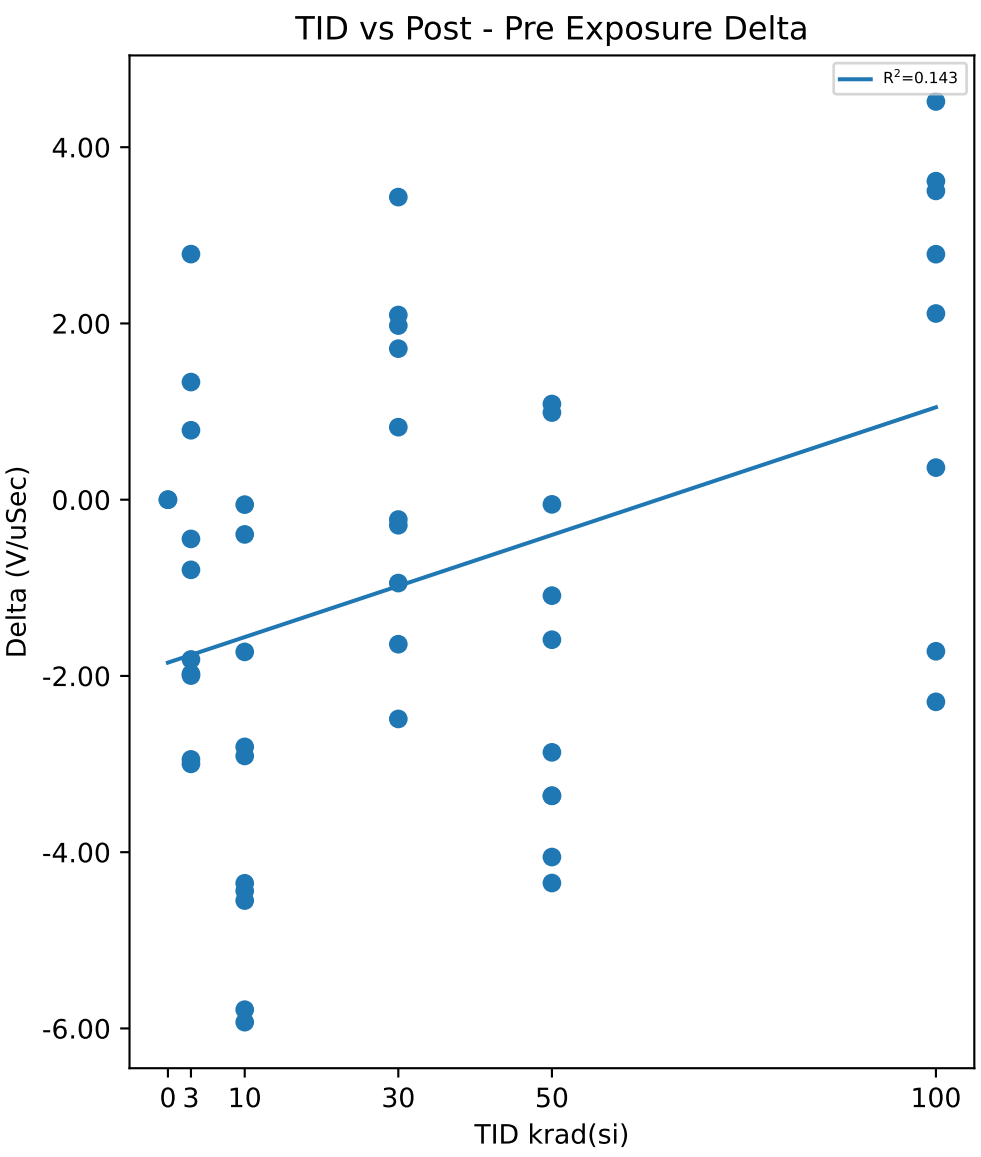
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	144.5	145.73	146.96	1.7374	144.5	145.73	146.96	1.7374	0	0	0	0
3	143.34	144.44	145.92	0.96903	140.66	144	147.56	1.9109	-2.683	-0.4394	2.171	1.7515
10	143.34	144.44	145.92	0.96903	137.9	141.27	144.48	1.819	-5.444	-3.1742	-0.906	1.6849
30	143.34	144.44	145.92	0.96903	141.92	145.46	149.06	1.9867	-1.423	1.0198	3.675	1.8801
50	143.34	144.44	145.92	0.96903	139.56	142.84	146.5	1.9169	-3.793	-1.6065	1.116	1.7633
100	143.03	144.43	145.8	1.1404	143.38	145.9	148.41	1.7691	-2.112	1.4648	4.067	2.2713

Device Test: 19.43 tsr_EN2_Falling/EN2/7/14/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

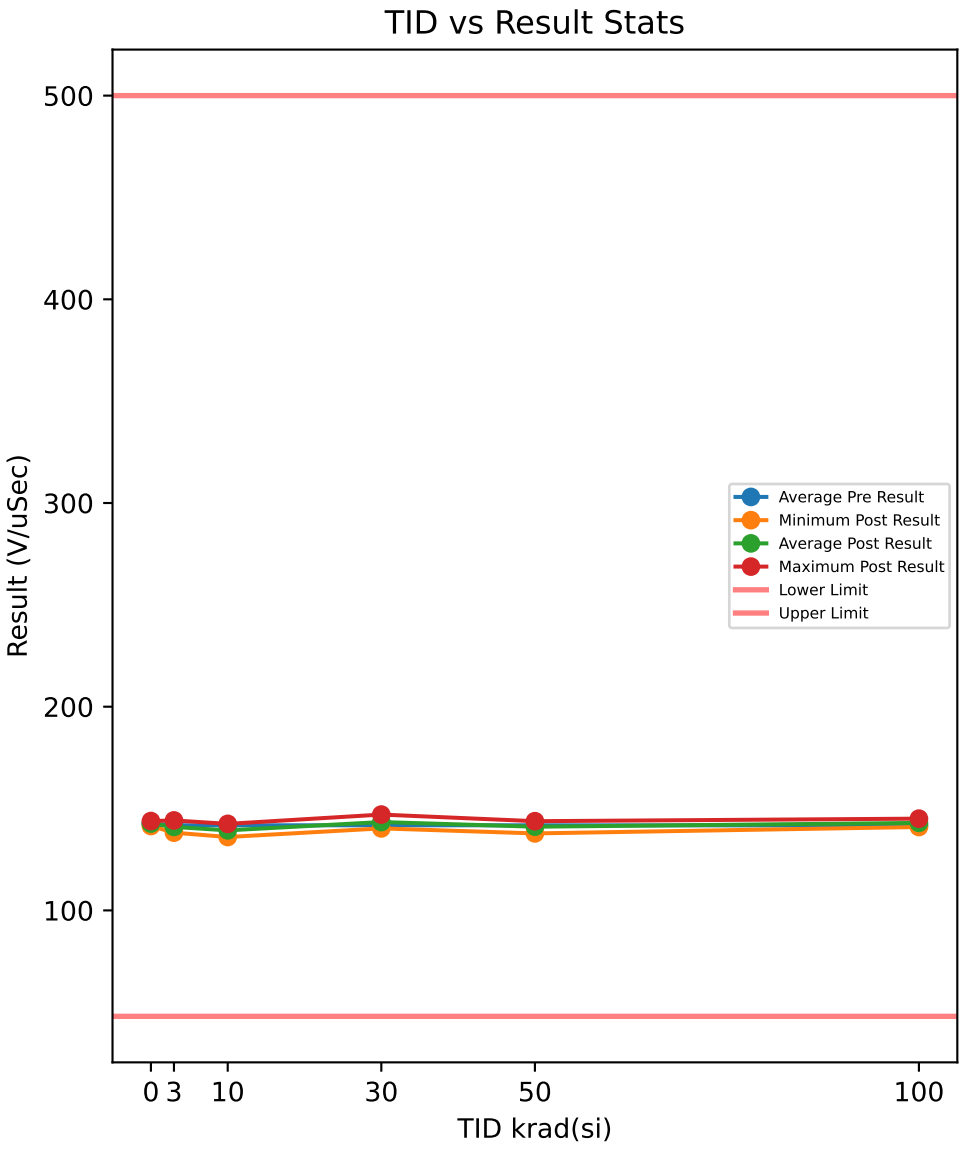
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	145.45	145.45	0
7	0	Correlation	148.33	148.33	0
16	3	LDR-Biased	148.57	146.57	-1.996
18	3	LDR-Biased	144.23	147.01	2.787
19	3	LDR-Biased	146.45	143.45	-2.998
20	3	LDR-Biased	144.95	144.5	-0.445
21	3	LDR-Biased	145.42	142.48	-2.947
22	3	LDR-Unbiased	145.41	146.2	0.788
23	3	LDR-Unbiased	146.81	144.84	-1.976
25	3	LDR-Unbiased	146.76	148.1	1.335
26	3	LDR-Unbiased	146.37	145.57	-0.796
27	3	LDR-Unbiased	146.14	144.33	-1.813
46	10	LDR-Biased	148.57	144.21	-4.353
48	10	LDR-Biased	144.23	143.83	-0.394
49	10	LDR-Biased	146.45	140.52	-5.929
50	10	LDR-Biased	144.95	142.14	-2.805
51	10	LDR-Biased	145.42	139.64	-5.787
52	10	LDR-Unbiased	145.41	143.68	-1.727
53	10	LDR-Unbiased	146.81	142.27	-4.549
55	10	LDR-Unbiased	146.76	146.71	-0.056
56	10	LDR-Unbiased	146.37	143.46	-2.908
57	10	LDR-Unbiased	146.14	141.7	-4.44
76	30	LDR-Biased	148.57	147.62	-0.946
78	30	LDR-Biased	144.23	147.66	3.434
79	30	LDR-Biased	146.45	144.81	-1.64
80	30	LDR-Biased	144.95	146.66	1.714
81	30	LDR-Biased	145.42	142.94	-2.488
82	30	LDR-Unbiased	145.41	147.51	2.096
83	30	LDR-Unbiased	146.81	146.53	-0.29
84	30	LDR-Unbiased	146.14	145.92	-0.225
85	30	LDR-Unbiased	146.76	148.74	1.976
86	30	LDR-Unbiased	146.37	147.19	0.823
87	100	LDR-Biased	144.96	147.75	2.786
88	100	LDR-Biased	147.15	145.43	-1.72
90	100	LDR-Biased	144.25	144.62	0.364
91	100	LDR-Unbiased	145.58	150.1	4.519
93	100	LDR-Unbiased	145.5	149.12	3.615
94	100	LDR-Unbiased	147.97	145.68	-2.294
95	100	LDR-Unbiased	145.78	147.89	2.113
96	100	LDR-Unbiased	145.39	148.9	3.504
106	50	LDR-Biased	148.57	145.7	-2.867
108	50	LDR-Biased	144.23	145.22	0.989
109	50	LDR-Biased	146.45	142.1	-4.35
110	50	LDR-Biased	144.95	143.36	-1.589
111	50	LDR-Biased	145.42	141.37	-4.055
112	50	LDR-Unbiased	145.41	145.36	-0.053
113	50	LDR-Unbiased	146.81	143.46	-3.359
115	50	LDR-Unbiased	146.76	147.85	1.086
116	50	LDR-Unbiased	146.37	145.28	-1.089
117	50	LDR-Unbiased	146.14	142.78	-3.361



Test Statistics (V/uSec)

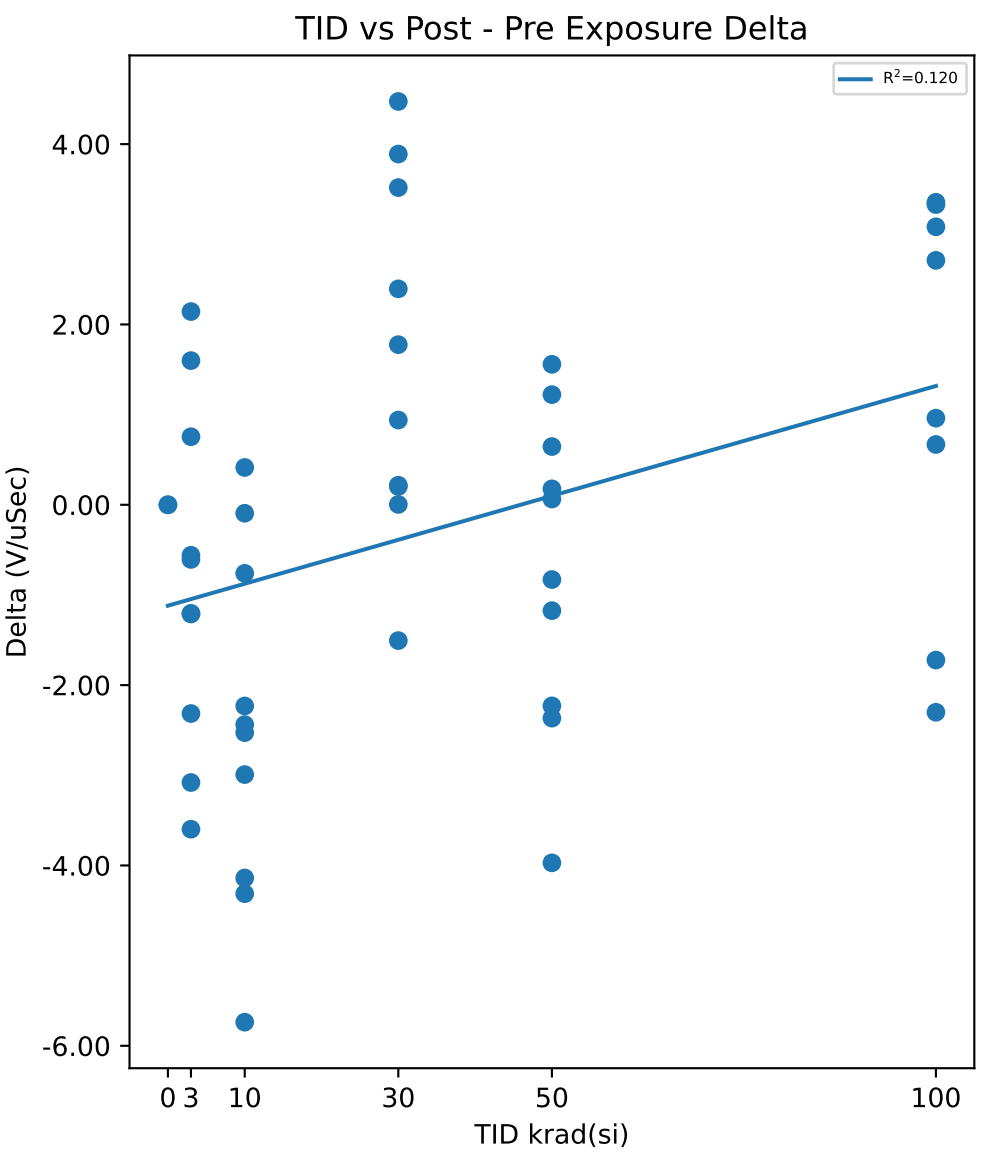
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	145.45	146.89	148.33	2.0343	145.45	146.89	148.33	2.0343	0	0	0	0
3	144.23	146.11	148.57	1.2016	142.48	145.31	148.1	1.7141	-2.998	-0.8061	2.787	1.9251
10	144.23	146.11	148.57	1.2016	139.64	142.82	146.71	2.0184	-5.929	-3.2948	-0.056	2.0792
30	144.23	146.11	148.57	1.2016	142.94	146.56	148.74	1.6669	-2.488	0.4454	3.434	1.8747
50	144.23	146.11	148.57	1.2016	141.37	144.25	147.85	1.9659	-4.35	-1.8648	1.086	2.0347
100	144.25	145.82	147.97	1.1924	144.62	147.43	150.1	1.9783	-2.294	1.6109	4.519	2.552

Device Test: 19.44 tsr_EN3_Falling/EN3/7/14/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

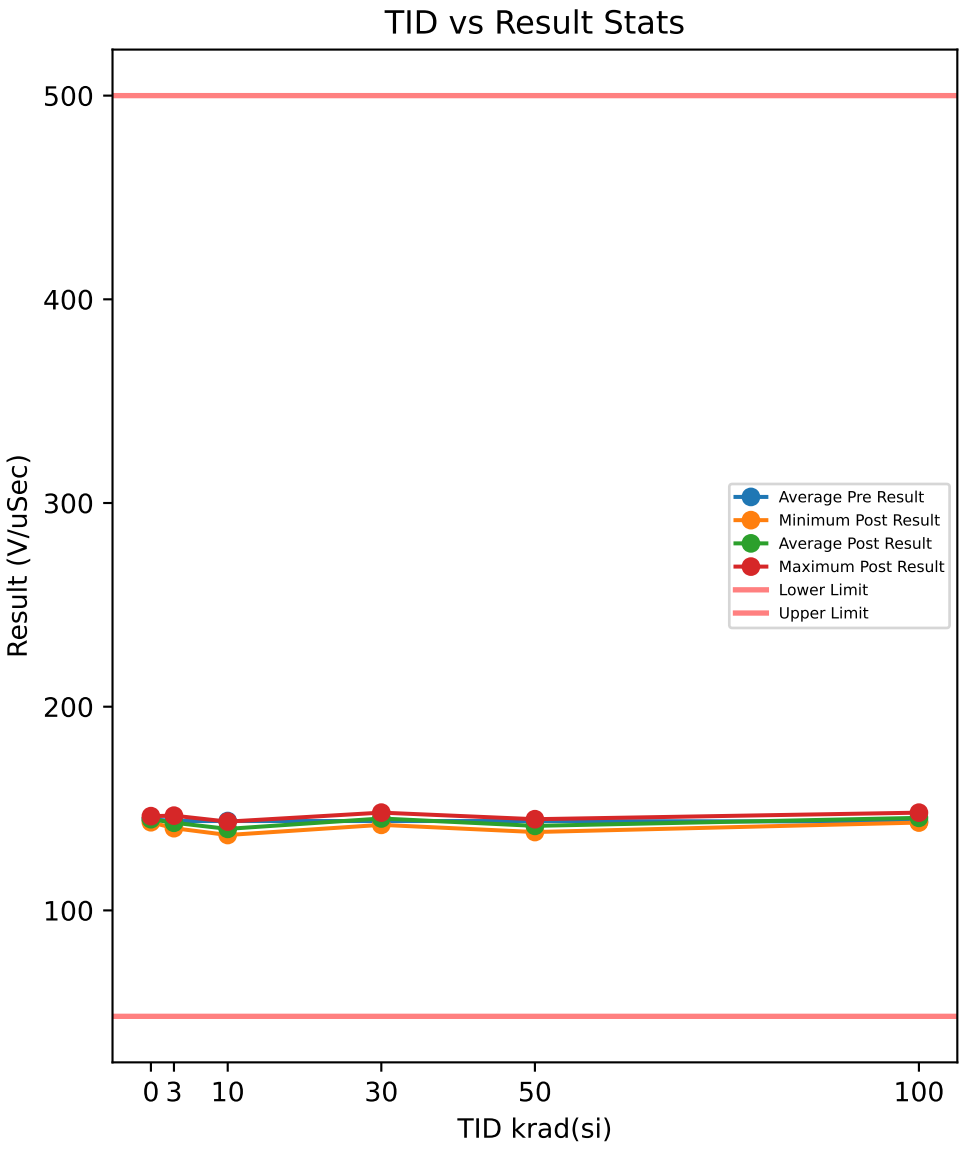
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	141.42	141.42	0
7	0	Correlation	143.86	143.86	0
16	3	LDR-Biased	143.04	142.43	-0.606
18	3	LDR-Biased	140.15	142.29	2.143
19	3	LDR-Biased	141.7	139.38	-2.315
20	3	LDR-Biased	140.85	139.64	-1.211
21	3	LDR-Biased	141.77	138.17	-3.598
22	3	LDR-Unbiased	141.79	142.55	0.755
23	3	LDR-Unbiased	142.61	139.53	-3.08
25	3	LDR-Unbiased	142.57	144.17	1.599
26	3	LDR-Unbiased	142.17	141.61	-0.56
27	3	LDR-Unbiased	141.18	139.97	-1.204
46	10	LDR-Biased	143.04	140.81	-2.231
48	10	LDR-Biased	140.15	140.56	0.414
49	10	LDR-Biased	141.7	137.56	-4.139
50	10	LDR-Biased	140.85	138.32	-2.527
51	10	LDR-Biased	141.77	136.03	-5.738
52	10	LDR-Unbiased	141.79	141.03	-0.76
53	10	LDR-Unbiased	142.61	138.29	-4.313
55	10	LDR-Unbiased	142.57	142.48	-0.094
56	10	LDR-Unbiased	142.17	139.73	-2.438
57	10	LDR-Unbiased	141.18	138.18	-2.992
76	30	LDR-Biased	143.04	143.98	0.94
78	30	LDR-Biased	140.15	143.66	3.518
79	30	LDR-Biased	141.7	141.9	0.203
80	30	LDR-Biased	140.85	142.62	1.776
81	30	LDR-Biased	141.77	140.26	-1.506
82	30	LDR-Unbiased	141.79	145.68	3.89
83	30	LDR-Unbiased	142.61	142.61	0.004
84	30	LDR-Unbiased	141.18	141.39	0.217
85	30	LDR-Unbiased	142.57	147.05	4.473
86	30	LDR-Unbiased	142.17	144.57	2.395
87	100	LDR-Biased	140.54	143.87	3.33
88	100	LDR-Biased	143.24	140.94	-2.301
90	100	LDR-Biased	140.3	140.97	0.669
91	100	LDR-Unbiased	141.96	145.04	3.083
93	100	LDR-Unbiased	141.6	144.95	3.355
94	100	LDR-Unbiased	142.93	141.2	-1.722
95	100	LDR-Unbiased	141.99	142.95	0.961
96	100	LDR-Unbiased	141.03	143.74	2.711
106	50	LDR-Biased	143.04	143.21	0.177
108	50	LDR-Biased	140.15	141.7	1.558
109	50	LDR-Biased	141.7	139.47	-2.23
110	50	LDR-Biased	140.85	140.02	-0.829
111	50	LDR-Biased	141.77	137.8	-3.971
112	50	LDR-Unbiased	141.79	142.44	0.646
113	50	LDR-Unbiased	142.61	140.24	-2.366
115	50	LDR-Unbiased	142.57	143.8	1.222
116	50	LDR-Unbiased	142.17	142.24	0.064
117	50	LDR-Unbiased	141.18	140	-1.174



Test Statistics (V/uSec)

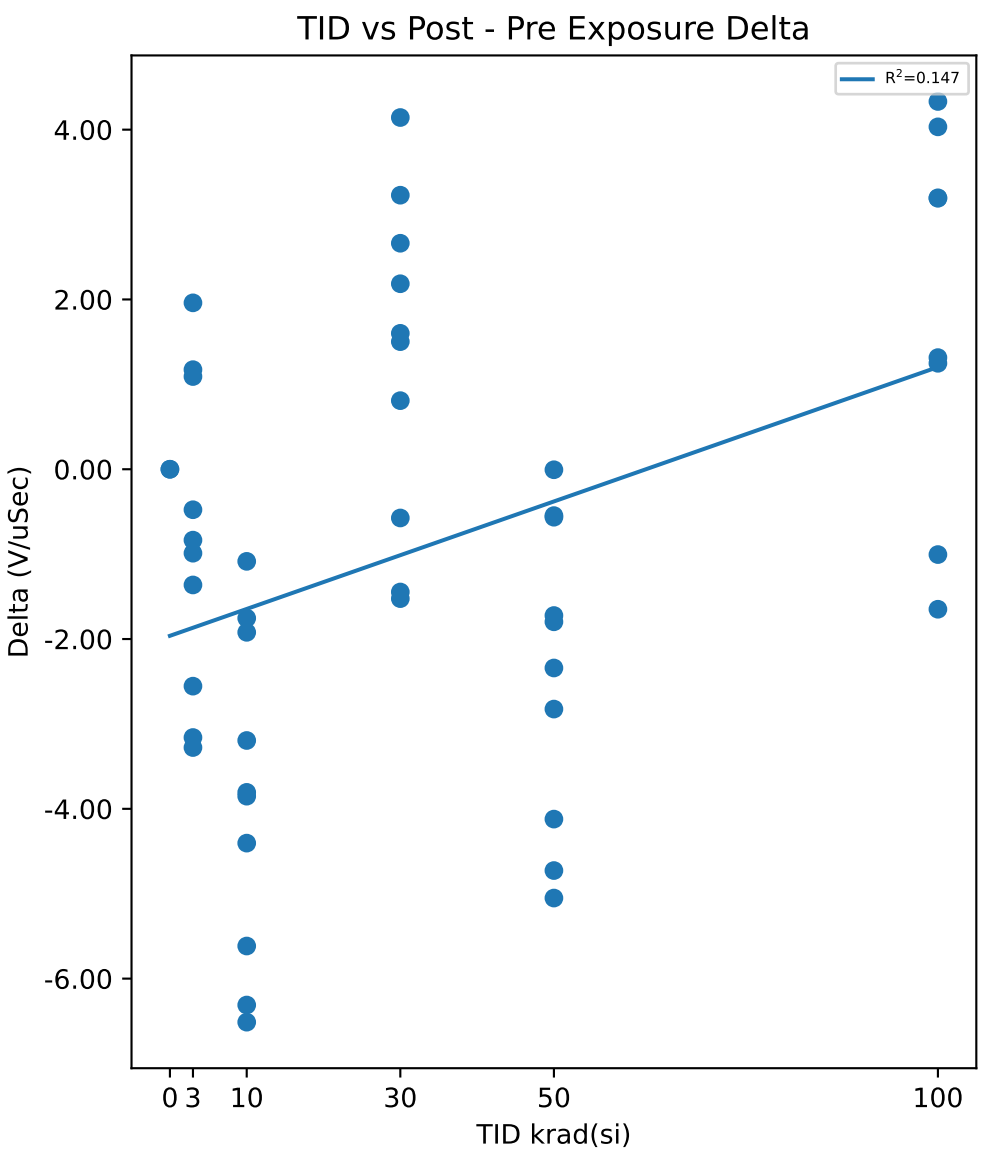
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	141.42	142.64	143.86	1.7246	141.42	142.64	143.86	1.7246	0	0	0	0
3	140.15	141.78	143.04	0.87964	138.17	140.97	144.17	1.8928	-3.598	-0.8077	2.143	1.9027
10	140.15	141.78	143.04	0.87964	136.03	139.3	142.48	1.9464	-5.738	-2.4818	0.414	1.946
30	140.15	141.78	143.04	0.87964	140.26	143.37	147.05	2.0444	-1.506	1.591	4.473	1.9532
50	140.15	141.78	143.04	0.87964	137.8	141.09	143.8	1.8817	-3.971	-0.6903	1.558	1.7643
100	140.3	141.7	143.24	1.0551	140.94	142.96	145.04	1.7259	-2.301	1.2608	3.355	2.2714

Device Test: 19.45 tsr_EN4_Falling/EN4/7/14/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

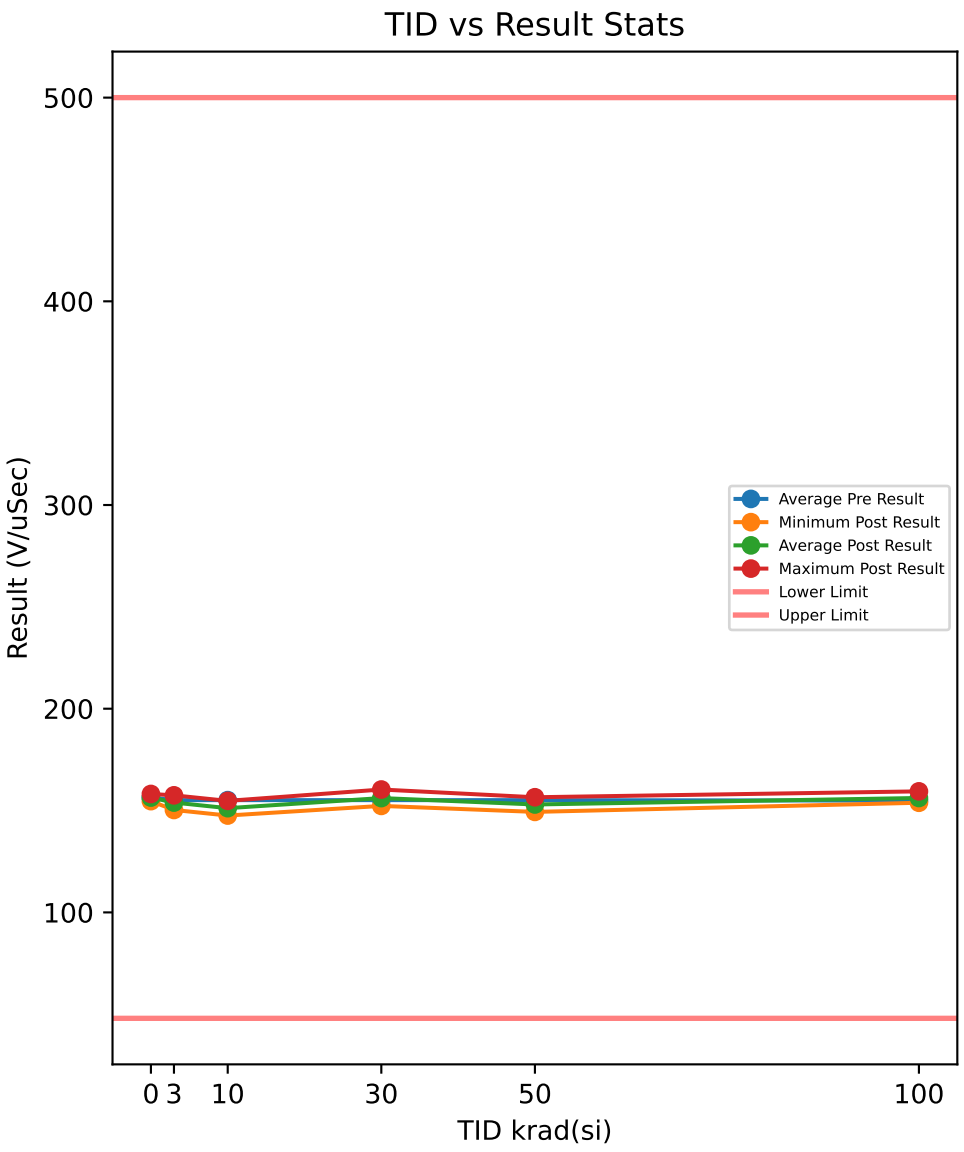
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	143.28	143.28	0
7	0	Correlation	146.27	146.27	0
16	3	LDR-Biased	145.06	144.58	-0.477
18	3	LDR-Biased	142.03	143.99	1.96
19	3	LDR-Biased	144.42	141.14	-3.278
20	3	LDR-Biased	142.88	141.52	-1.363
21	3	LDR-Biased	143.52	140.36	-3.16
22	3	LDR-Unbiased	143.31	144.4	1.092
23	3	LDR-Unbiased	144.72	142.16	-2.555
25	3	LDR-Unbiased	145.34	146.51	1.173
26	3	LDR-Unbiased	144.38	143.54	-0.835
27	3	LDR-Unbiased	143.05	142.06	-0.989
46	10	LDR-Biased	145.06	141.87	-3.195
48	10	LDR-Biased	142.03	140.94	-1.085
49	10	LDR-Biased	144.42	138.11	-6.311
50	10	LDR-Biased	142.88	138.48	-4.404
51	10	LDR-Biased	143.52	137.01	-6.513
52	10	LDR-Unbiased	143.31	141.39	-1.921
53	10	LDR-Unbiased	144.72	139.1	-5.616
55	10	LDR-Unbiased	145.34	143.59	-1.754
56	10	LDR-Unbiased	144.38	140.57	-3.806
57	10	LDR-Unbiased	143.05	139.2	-3.851
76	30	LDR-Biased	145.06	147.25	2.185
78	30	LDR-Biased	142.03	146.17	4.143
79	30	LDR-Biased	144.42	142.97	-1.446
80	30	LDR-Biased	142.88	143.69	0.808
81	30	LDR-Biased	143.52	142	-1.524
82	30	LDR-Unbiased	143.31	146.54	3.228
83	30	LDR-Unbiased	144.72	144.15	-0.574
84	30	LDR-Unbiased	143.05	144.66	1.601
85	30	LDR-Unbiased	145.34	148	2.662
86	30	LDR-Unbiased	144.38	145.88	1.503
87	100	LDR-Biased	142.79	145.98	3.192
88	100	LDR-Biased	144.92	143.27	-1.649
90	100	LDR-Biased	141.81	143.12	1.315
91	100	LDR-Unbiased	143.59	147.62	4.033
93	100	LDR-Unbiased	143.66	147.99	4.332
94	100	LDR-Unbiased	145.22	144.22	-1.005
95	100	LDR-Unbiased	143.94	145.18	1.248
96	100	LDR-Unbiased	142.88	146.07	3.197
106	50	LDR-Biased	145.06	143.34	-1.723
108	50	LDR-Biased	142.03	142.02	-0.006
109	50	LDR-Biased	144.42	139.69	-4.727
110	50	LDR-Biased	142.88	140.06	-2.825
111	50	LDR-Biased	143.52	138.47	-5.051
112	50	LDR-Unbiased	143.31	142.76	-0.546
113	50	LDR-Unbiased	144.72	140.6	-4.121
115	50	LDR-Unbiased	145.34	144.78	-0.565
116	50	LDR-Unbiased	144.38	142.04	-2.341
117	50	LDR-Unbiased	143.05	141.26	-1.797



Test Statistics (V/uSec)

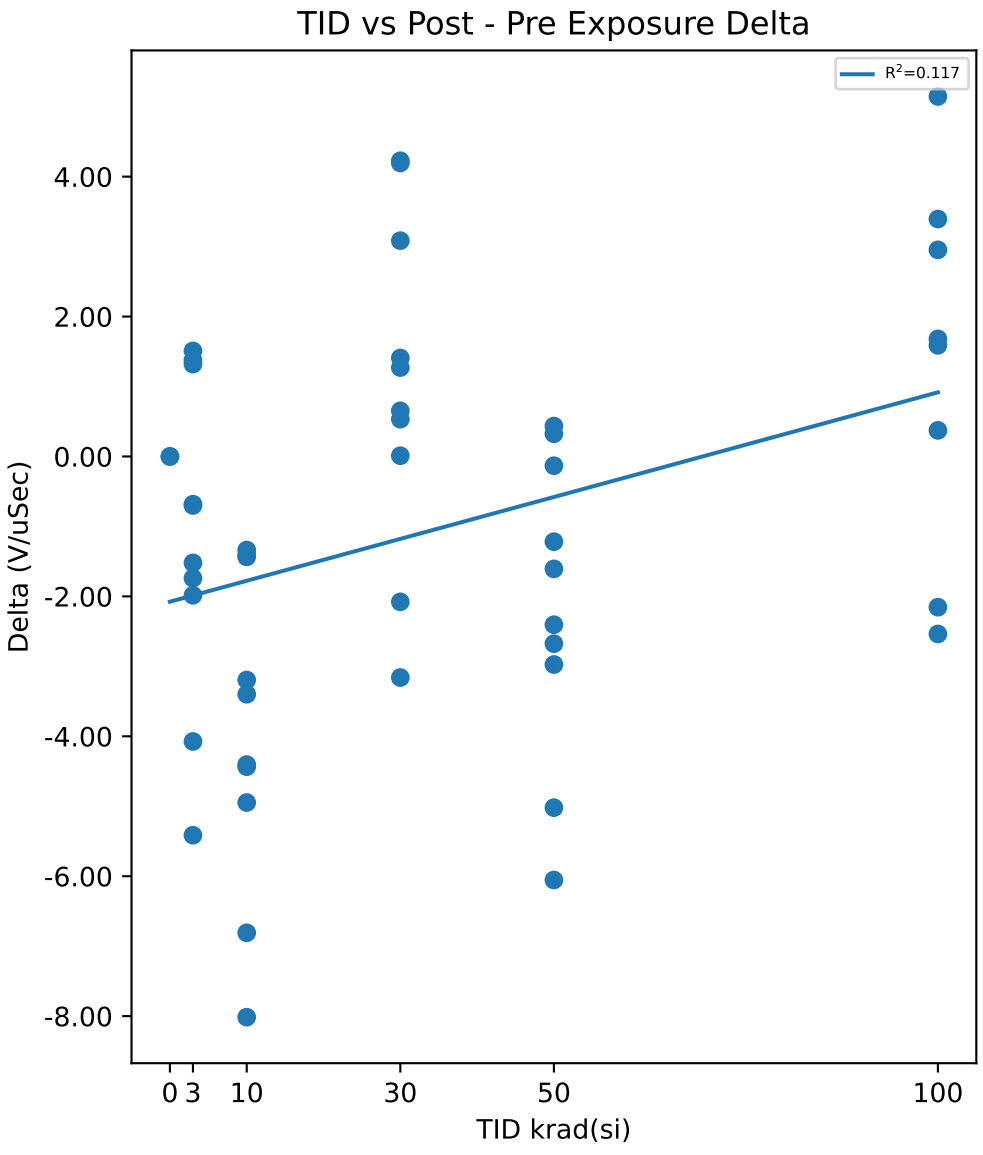
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	143.28	144.77	146.27	2.1121	143.28	144.77	146.27	2.1121	0	0	0	0
3	142.03	143.87	145.34	1.0717	140.36	143.03	146.51	1.8927	-3.278	-0.8432	1.96	1.8354
10	142.03	143.87	145.34	1.0717	137.01	140.03	143.59	1.9928	-6.513	-3.8456	-1.085	1.908
30	142.03	143.87	145.34	1.0717	142	145.13	148	1.9455	-1.524	1.2586	4.143	1.9386
50	142.03	143.87	145.34	1.0717	138.47	141.5	144.78	1.875	-5.051	-2.3702	-0.006	1.7931
100	141.81	143.6	145.22	1.1252	143.12	145.43	147.99	1.8358	-1.649	1.8329	4.332	2.2546

Device Test: 19.46 tsr_PWRGD_Falling/PWRGD/7/14/0/0/0/@PWRGD_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

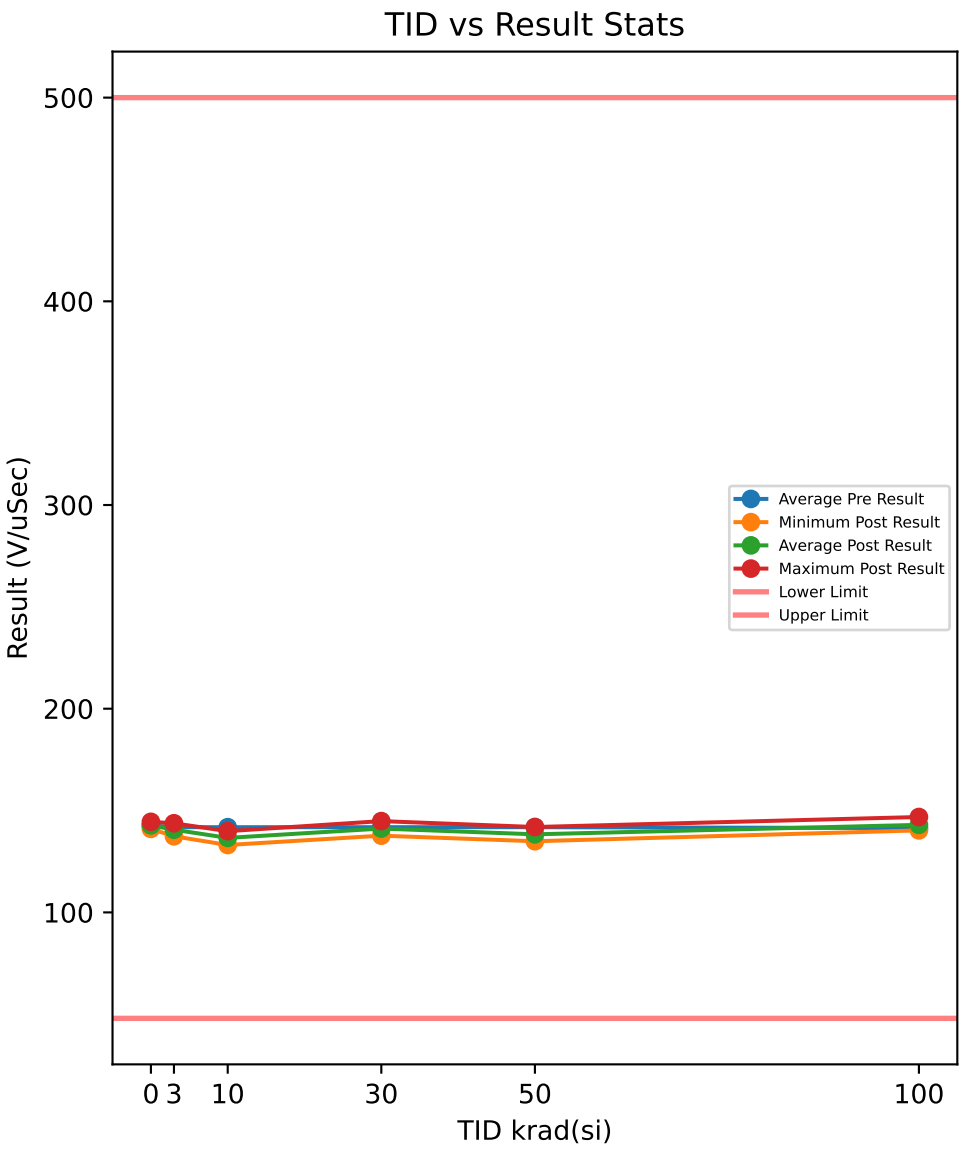
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	154.62	154.62	0
7	0	Correlation	158.14	158.14	0
16	3	LDR-Biased	156.28	155.6	-0.682
18	3	LDR-Biased	153.77	155.09	1.32
19	3	LDR-Biased	156.28	150.87	-5.414
20	3	LDR-Biased	154.25	152.73	-1.521
21	3	LDR-Biased	154.36	150.29	-4.074
22	3	LDR-Unbiased	155.03	156.54	1.509
23	3	LDR-Unbiased	155.75	154.01	-1.74
25	3	LDR-Unbiased	156.1	157.47	1.378
26	3	LDR-Unbiased	155.37	154.67	-0.7
27	3	LDR-Unbiased	153.93	151.95	-1.984
46	10	LDR-Biased	156.28	152.89	-3.399
48	10	LDR-Biased	153.77	152.37	-1.407
49	10	LDR-Biased	156.28	148.27	-8.015
50	10	LDR-Biased	154.25	149.82	-4.434
51	10	LDR-Biased	154.36	147.55	-6.809
52	10	LDR-Unbiased	155.03	153.59	-1.436
53	10	LDR-Unbiased	155.75	151.34	-4.404
55	10	LDR-Unbiased	156.1	154.76	-1.337
56	10	LDR-Unbiased	155.37	152.18	-3.195
57	10	LDR-Unbiased	153.93	148.99	-4.947
76	30	LDR-Biased	156.28	157.69	1.408
78	30	LDR-Biased	153.77	156.86	3.085
79	30	LDR-Biased	156.28	153.12	-3.16
80	30	LDR-Biased	154.25	154.26	0.011
81	30	LDR-Biased	154.36	152.28	-2.078
82	30	LDR-Unbiased	155.03	159.22	4.195
83	30	LDR-Unbiased	155.75	156.28	0.533
84	30	LDR-Unbiased	153.93	154.59	0.653
85	30	LDR-Unbiased	156.1	160.32	4.227
86	30	LDR-Unbiased	155.37	156.64	1.271
87	100	LDR-Biased	153.91	156.86	2.954
88	100	LDR-Biased	156.16	154	-2.154
90	100	LDR-Biased	153.66	154.03	0.373
91	100	LDR-Unbiased	155.41	158.81	3.394
93	100	LDR-Unbiased	154.28	159.42	5.146
94	100	LDR-Unbiased	156.37	153.83	-2.537
95	100	LDR-Unbiased	155.15	156.74	1.589
96	100	LDR-Unbiased	153.99	155.67	1.681
106	50	LDR-Biased	156.28	155.07	-1.218
108	50	LDR-Biased	153.77	153.64	-0.132
109	50	LDR-Biased	156.28	150.23	-6.054
110	50	LDR-Biased	154.25	151.58	-2.676
111	50	LDR-Biased	154.36	149.34	-5.02
112	50	LDR-Unbiased	155.03	155.35	0.325
113	50	LDR-Unbiased	155.75	153.34	-2.405
115	50	LDR-Unbiased	156.1	156.53	0.435
116	50	LDR-Unbiased	155.37	153.77	-1.607
117	50	LDR-Unbiased	153.93	150.96	-2.974



Test Statistics (V/uSec)

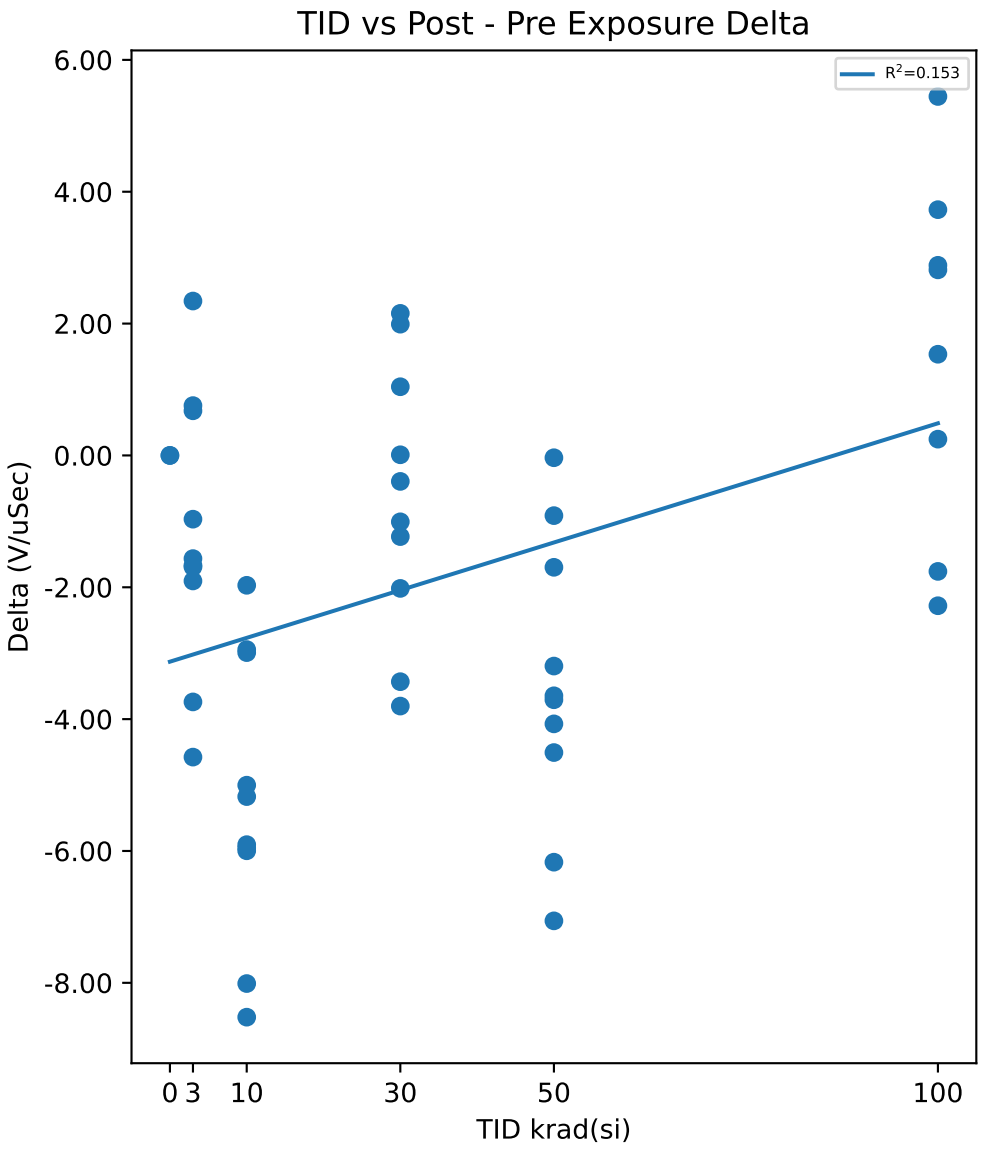
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	154.62	156.38	158.14	2.4904	154.62	156.38	158.14	2.4904	0	0	0	0
3	153.77	155.11	156.28	0.982	150.29	153.92	157.47	2.4056	-5.414	-1.1908	1.509	2.3065
10	153.77	155.11	156.28	0.982	147.55	151.18	154.76	2.4104	-8.015	-3.9383	-1.337	2.276
30	153.77	155.11	156.28	0.982	152.28	156.13	160.32	2.5848	-3.16	1.0145	4.227	2.4336
50	153.77	155.11	156.28	0.982	149.34	152.98	156.53	2.3725	-6.054	-2.1326	0.435	2.1741
100	153.66	154.87	156.37	1.0551	153.83	156.17	159.42	2.1816	-2.537	1.3058	5.146	2.6633

Device Test: 19.47 tsr_SEQ_Falling/SEQ_DONE/7/14/0/0/0/@SEQ_DONE_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

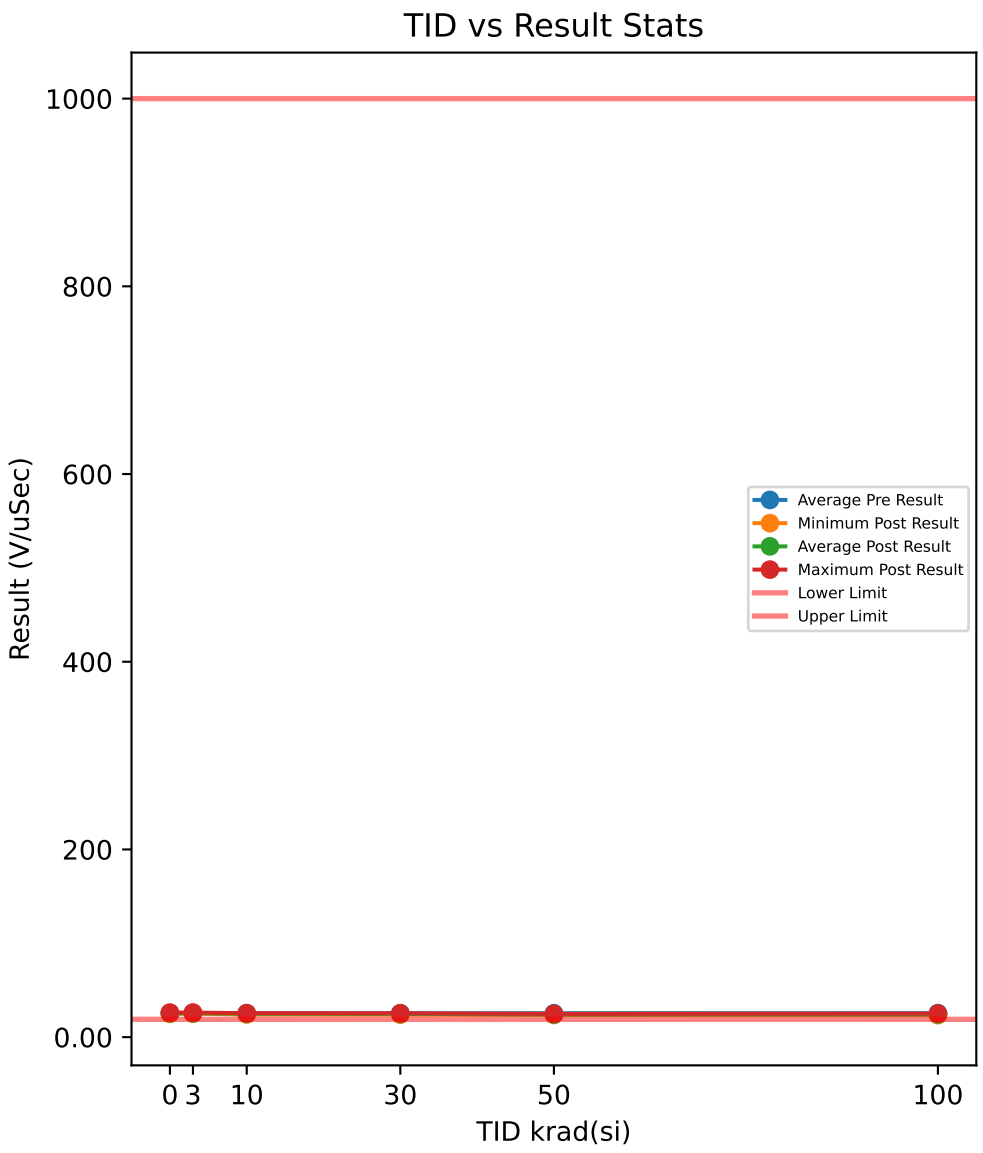
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	141.01	141.01	0
7	0	Correlation	144.46	144.46	0
16	3	LDR-Biased	142.89	141.93	-0.967
18	3	LDR-Biased	140.7	141.45	0.756
19	3	LDR-Biased	142.59	138.01	-4.576
20	3	LDR-Biased	141.21	139.3	-1.904
21	3	LDR-Biased	141.11	137.37	-3.739
22	3	LDR-Unbiased	141.41	143.75	2.342
23	3	LDR-Unbiased	142.39	140.69	-1.691
25	3	LDR-Unbiased	142.83	143.51	0.677
26	3	LDR-Unbiased	142.62	141.05	-1.565
27	3	LDR-Unbiased	140.57	138.9	-1.668
46	10	LDR-Biased	142.89	137.89	-5.002
48	10	LDR-Biased	140.7	137.71	-2.991
49	10	LDR-Biased	142.59	134.07	-8.521
50	10	LDR-Biased	141.21	135.25	-5.954
51	10	LDR-Biased	141.11	133.1	-8.011
52	10	LDR-Unbiased	141.41	139.44	-1.97
53	10	LDR-Unbiased	142.39	136.48	-5.904
55	10	LDR-Unbiased	142.83	139.88	-2.945
56	10	LDR-Unbiased	142.62	137.44	-5.175
57	10	LDR-Unbiased	140.57	134.57	-5.997
76	30	LDR-Biased	142.89	142.5	-0.394
78	30	LDR-Biased	140.7	141.74	1.042
79	30	LDR-Biased	142.59	138.79	-3.802
80	30	LDR-Biased	141.21	139.19	-2.017
81	30	LDR-Biased	141.11	137.68	-3.432
82	30	LDR-Unbiased	141.41	143.57	2.155
83	30	LDR-Unbiased	142.39	141.38	-1.007
84	30	LDR-Unbiased	140.57	139.34	-1.231
85	30	LDR-Unbiased	142.83	144.82	1.991
86	30	LDR-Unbiased	142.62	142.63	0.01
87	100	LDR-Biased	141.01	143.9	2.884
88	100	LDR-Biased	142.41	140.66	-1.759
90	100	LDR-Biased	140.7	140.95	0.247
91	100	LDR-Unbiased	141.58	145.31	3.728
93	100	LDR-Unbiased	141.39	146.83	5.445
94	100	LDR-Unbiased	142.55	140.27	-2.28
95	100	LDR-Unbiased	141.12	143.93	2.815
96	100	LDR-Unbiased	140.44	141.98	1.535
106	50	LDR-Biased	142.89	139.7	-3.195
108	50	LDR-Biased	140.7	139	-1.697
109	50	LDR-Biased	142.59	135.53	-7.06
110	50	LDR-Biased	141.21	136.7	-4.507
111	50	LDR-Biased	141.11	134.94	-6.17
112	50	LDR-Unbiased	141.41	141.38	-0.035
113	50	LDR-Unbiased	142.39	138.31	-4.072
115	50	LDR-Unbiased	142.83	141.92	-0.913
116	50	LDR-Unbiased	142.62	138.91	-3.706
117	50	LDR-Unbiased	140.57	136.92	-3.646

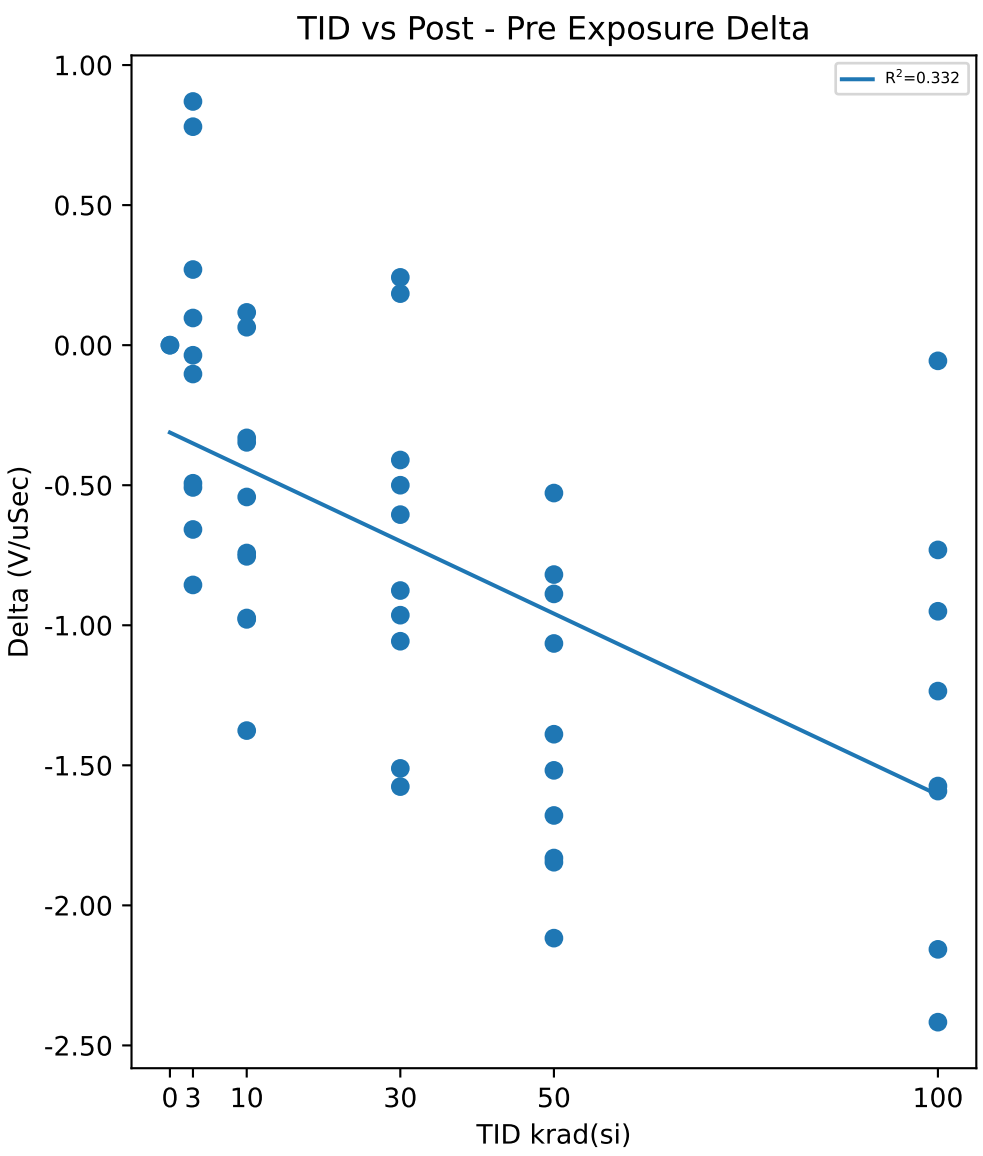


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	141.01	142.74	144.46	2.4388	141.01	142.74	144.46	2.4388	0	0	0	0
3	140.57	141.83	142.89	0.91868	137.37	140.6	143.75	2.1806	-4.576	-1.2335	2.342	2.0782
10	140.57	141.83	142.89	0.91868	133.1	136.58	139.88	2.2873	-8.521	-5.247	-1.97	2.1356
30	140.57	141.83	142.89	0.91868	137.68	141.16	144.82	2.3212	-3.802	-0.6685	2.155	2.0605
50	140.57	141.83	142.89	0.91868	134.94	138.33	141.92	2.3284	-7.06	-3.5001	-0.035	2.1922
100	140.44	141.4	142.55	0.75825	140.27	142.98	146.83	2.3868	-2.28	1.5769	5.445	2.6887

Device Test: 19.5 tsr_SEQ_Rising/SEQ_DONE/1.6/3/0/0/0/@SEQ_DONE_SLEW_RATE_RISE





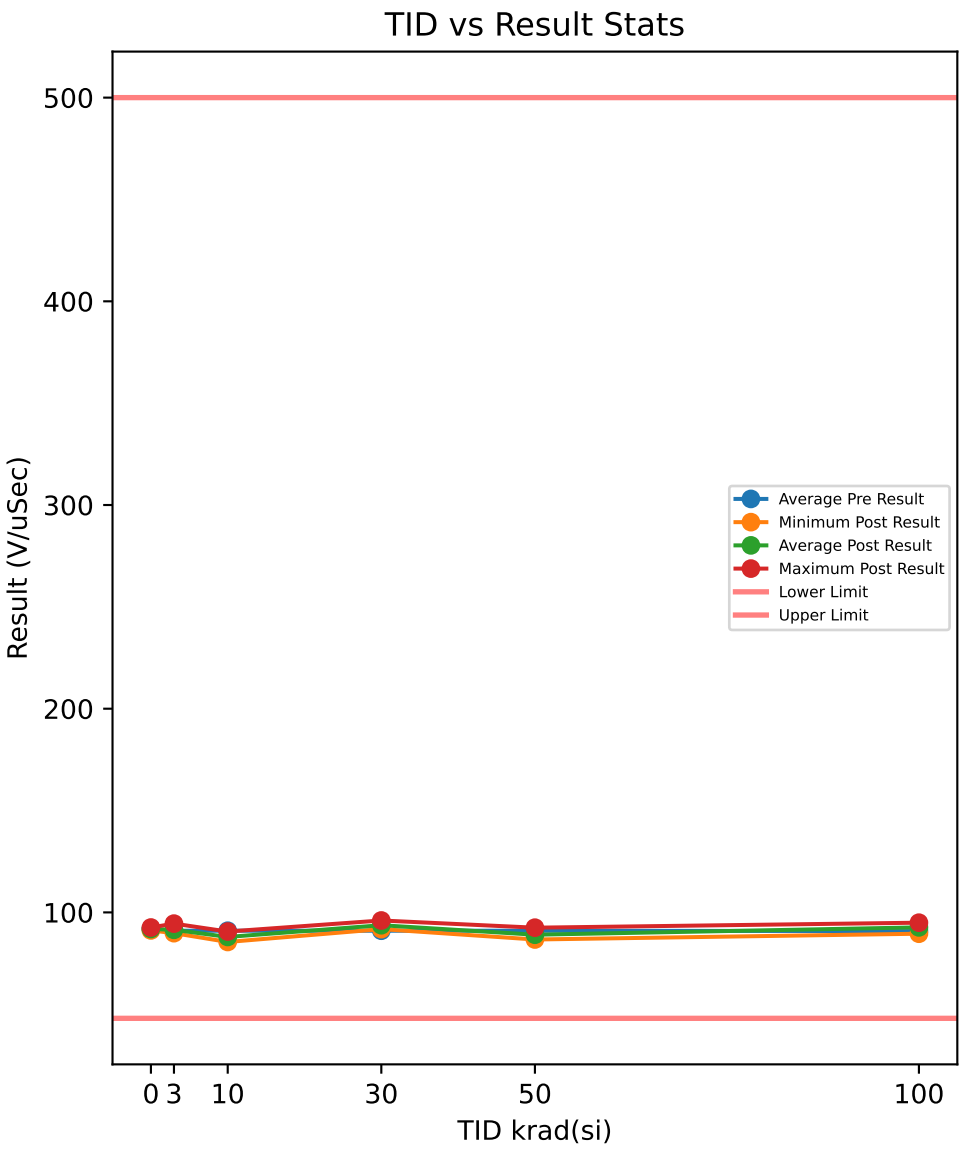
Test Results (Lower Limit = 19.0, Upper Limit = 1000.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.812	24.812	0
7	0	Correlation	26.162	26.162	0
16	3	LDR-Biased	26.062	25.206	-0.856
18	3	LDR-Biased	25.139	25.036	-0.103
19	3	LDR-Biased	25.188	25.152	-0.036
20	3	LDR-Biased	25.624	25.131	-0.493
21	3	LDR-Biased	26.052	25.394	-0.658
22	3	LDR-Unbiased	25.088	25.358	0.27
23	3	LDR-Unbiased	25.275	26.055	0.78
25	3	LDR-Unbiased	25.524	25.016	-0.508
26	3	LDR-Unbiased	25.358	26.228	0.87
27	3	LDR-Unbiased	25.821	25.918	0.097
46	10	LDR-Biased	26.062	25.52	-0.542
48	10	LDR-Biased	25.139	24.16	-0.979
49	10	LDR-Biased	25.188	25.252	0.064
50	10	LDR-Biased	25.624	24.87	-0.754
51	10	LDR-Biased	26.052	25.078	-0.974
52	10	LDR-Unbiased	25.088	24.757	-0.331
53	10	LDR-Unbiased	25.275	25.392	0.117
55	10	LDR-Unbiased	25.524	24.148	-1.376
56	10	LDR-Unbiased	25.358	25.011	-0.347
57	10	LDR-Unbiased	25.821	25.079	-0.742
76	30	LDR-Biased	26.062	25.186	-0.876
78	30	LDR-Biased	25.139	24.729	-0.41
79	30	LDR-Biased	25.188	25.43	0.242
80	30	LDR-Biased	25.624	25.019	-0.605
81	30	LDR-Biased	26.052	24.541	-1.511
82	30	LDR-Unbiased	25.088	25.272	0.184
83	30	LDR-Unbiased	25.275	24.775	-0.5
84	30	LDR-Unbiased	25.821	24.857	-0.964
85	30	LDR-Unbiased	25.524	23.948	-1.576
86	30	LDR-Unbiased	25.358	24.301	-1.057
87	100	LDR-Biased	25.238	24.003	-1.235
88	100	LDR-Biased	25.867	25.136	-0.731
90	100	LDR-Biased	25.048	24.992	-0.056
91	100	LDR-Unbiased	25.888	23.471	-2.417
93	100	LDR-Unbiased	25.69	24.098	-1.592
94	100	LDR-Unbiased	24.92	23.97	-0.95
95	100	LDR-Unbiased	25.822	24.248	-1.574
96	100	LDR-Unbiased	26.132	23.975	-2.157
106	50	LDR-Biased	26.062	24.673	-1.389
108	50	LDR-Biased	25.139	23.621	-1.518
109	50	LDR-Biased	25.188	24.66	-0.528
110	50	LDR-Biased	25.624	24.805	-0.819
111	50	LDR-Biased	26.052	23.935	-2.117
112	50	LDR-Unbiased	25.088	24.023	-1.065
113	50	LDR-Unbiased	25.275	23.596	-1.679
115	50	LDR-Unbiased	25.524	23.693	-1.831
116	50	LDR-Unbiased	25.358	24.47	-0.888
117	50	LDR-Unbiased	25.821	23.975	-1.846

Test Statistics (V/uSec)

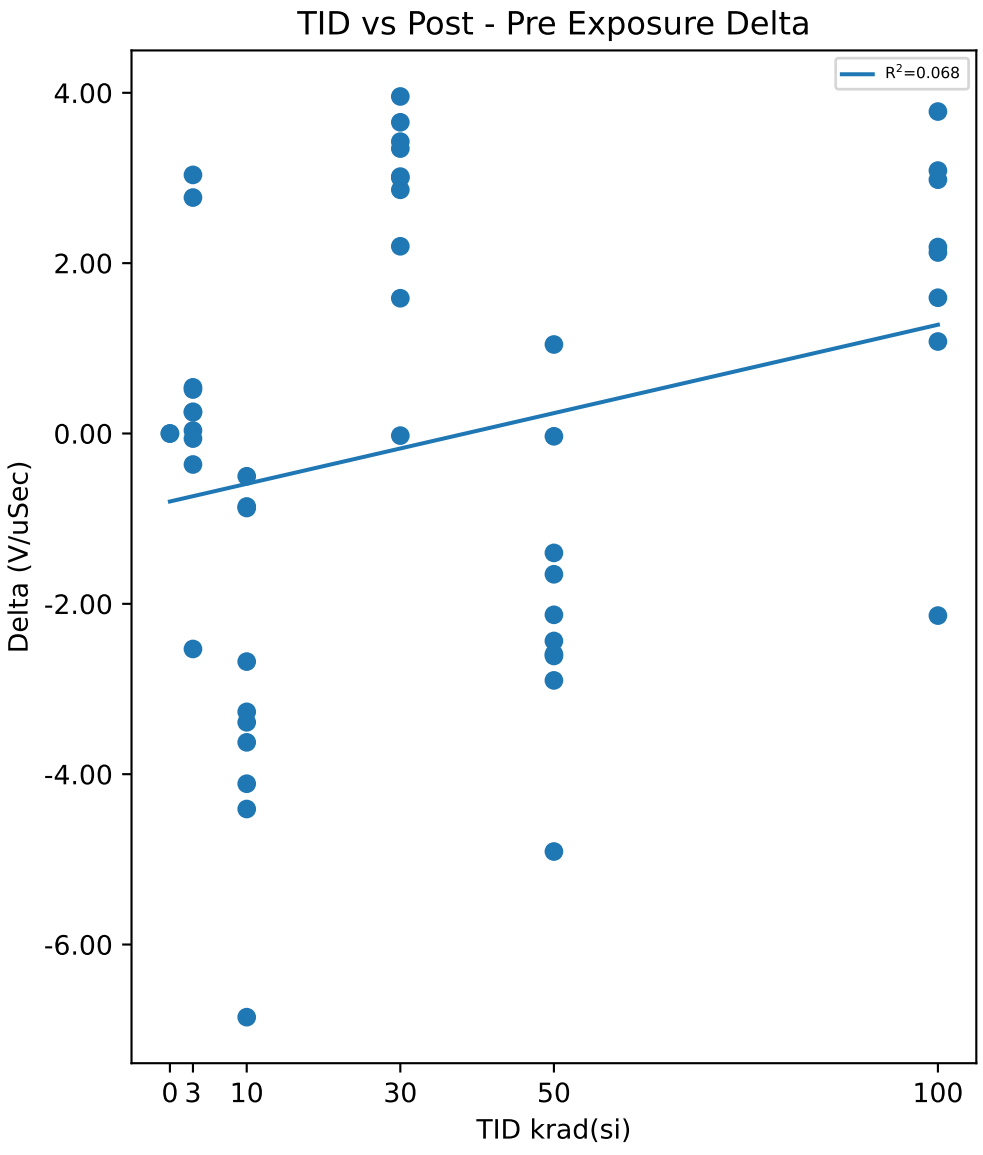
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.812	25.487	26.162	0.95459	24.812	25.487	26.162	0.95459	0	0	0	0
3	25.088	25.513	26.062	0.36606	25.016	25.449	26.228	0.44867	-0.856	-0.0637	0.87	0.58554
10	25.088	25.513	26.062	0.36606	24.148	24.927	25.52	0.46592	-1.376	-0.5864	0.117	0.47404
30	25.088	25.513	26.062	0.36606	23.948	24.806	25.43	0.45549	-1.576	-0.7073	0.242	0.61955
50	25.088	25.513	26.062	0.36606	23.596	24.145	24.805	0.46588	-2.117	-1.368	-0.528	0.52204
100	24.92	25.576	26.132	0.4453	23.471	24.237	25.136	0.55794	-2.417	-1.339	-0.056	0.76796

Device Test: 19.6 tsr_EN1_Falling/EN1/1.6/3/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

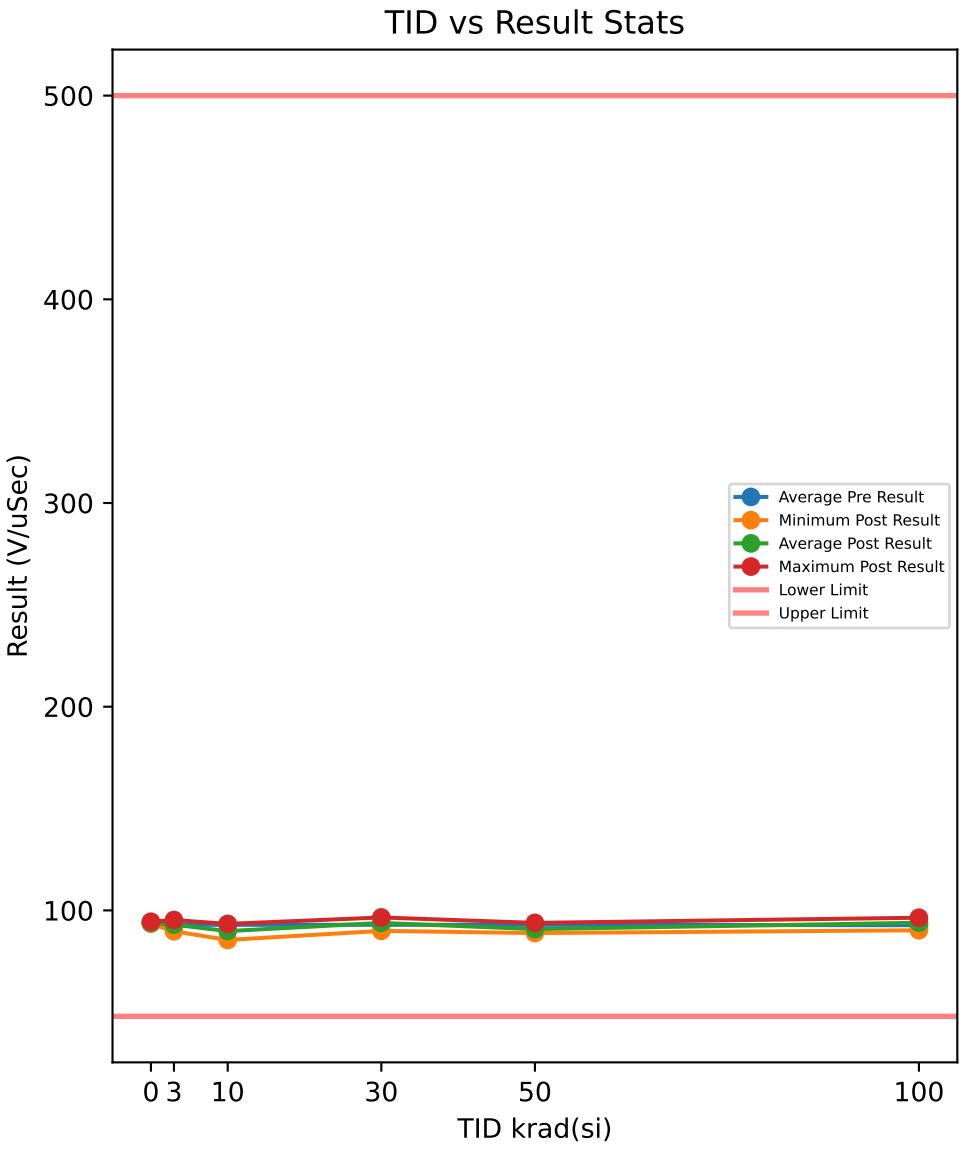
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	91.155	91.155	0
7	0	Correlation	92.581	92.581	0
16	3	LDR-Biased	93.171	93.713	0.542
18	3	LDR-Biased	90.056	92.826	2.77
19	3	LDR-Biased	90.414	90.05	-0.364
20	3	LDR-Biased	89.874	90.123	0.249
21	3	LDR-Biased	89.593	89.848	0.255
22	3	LDR-Unbiased	91.294	91.329	0.035
23	3	LDR-Unbiased	90.995	91.511	0.516
25	3	LDR-Unbiased	91.454	94.49	3.036
26	3	LDR-Unbiased	90.867	90.807	-0.06
27	3	LDR-Unbiased	92.336	89.806	-2.53
46	10	LDR-Biased	93.171	89.78	-3.391
48	10	LDR-Biased	90.056	89.181	-0.875
49	10	LDR-Biased	90.414	86.005	-4.409
50	10	LDR-Biased	89.874	89.372	-0.502
51	10	LDR-Biased	89.593	85.481	-4.112
52	10	LDR-Unbiased	91.294	88.616	-2.678
53	10	LDR-Unbiased	90.995	87.369	-3.626
55	10	LDR-Unbiased	91.454	90.597	-0.857
56	10	LDR-Unbiased	90.867	87.599	-3.268
57	10	LDR-Unbiased	92.336	85.483	-6.853
76	30	LDR-Biased	93.171	96.032	2.861
78	30	LDR-Biased	90.056	93.401	3.345
79	30	LDR-Biased	90.414	92.002	1.588
80	30	LDR-Biased	89.874	93.301	3.427
81	30	LDR-Biased	89.593	91.791	2.198
82	30	LDR-Unbiased	91.294	94.31	3.016
83	30	LDR-Unbiased	90.995	93.998	3.003
84	30	LDR-Unbiased	92.336	92.311	-0.025
85	30	LDR-Unbiased	91.454	95.108	3.654
86	30	LDR-Unbiased	90.867	94.824	3.957
87	100	LDR-Biased	91.167	94.947	3.78
88	100	LDR-Biased	92.382	90.244	-2.138
90	100	LDR-Biased	88.456	89.536	1.08
91	100	LDR-Unbiased	91.389	93.514	2.125
93	100	LDR-Unbiased	89.577	92.557	2.98
94	100	LDR-Unbiased	91.706	93.3	1.594
95	100	LDR-Unbiased	91.41	94.497	3.087
96	100	LDR-Unbiased	90.452	92.641	2.189
106	50	LDR-Biased	93.171	90.559	-2.612
108	50	LDR-Biased	90.056	90.023	-0.033
109	50	LDR-Biased	90.414	89.012	-1.402
110	50	LDR-Biased	89.874	88.221	-1.653
111	50	LDR-Biased	89.593	86.694	-2.899
112	50	LDR-Unbiased	91.294	89.165	-2.129
113	50	LDR-Unbiased	90.995	88.559	-2.436
115	50	LDR-Unbiased	91.454	92.499	1.045
116	50	LDR-Unbiased	90.867	88.277	-2.59
117	50	LDR-Unbiased	92.336	87.428	-4.908

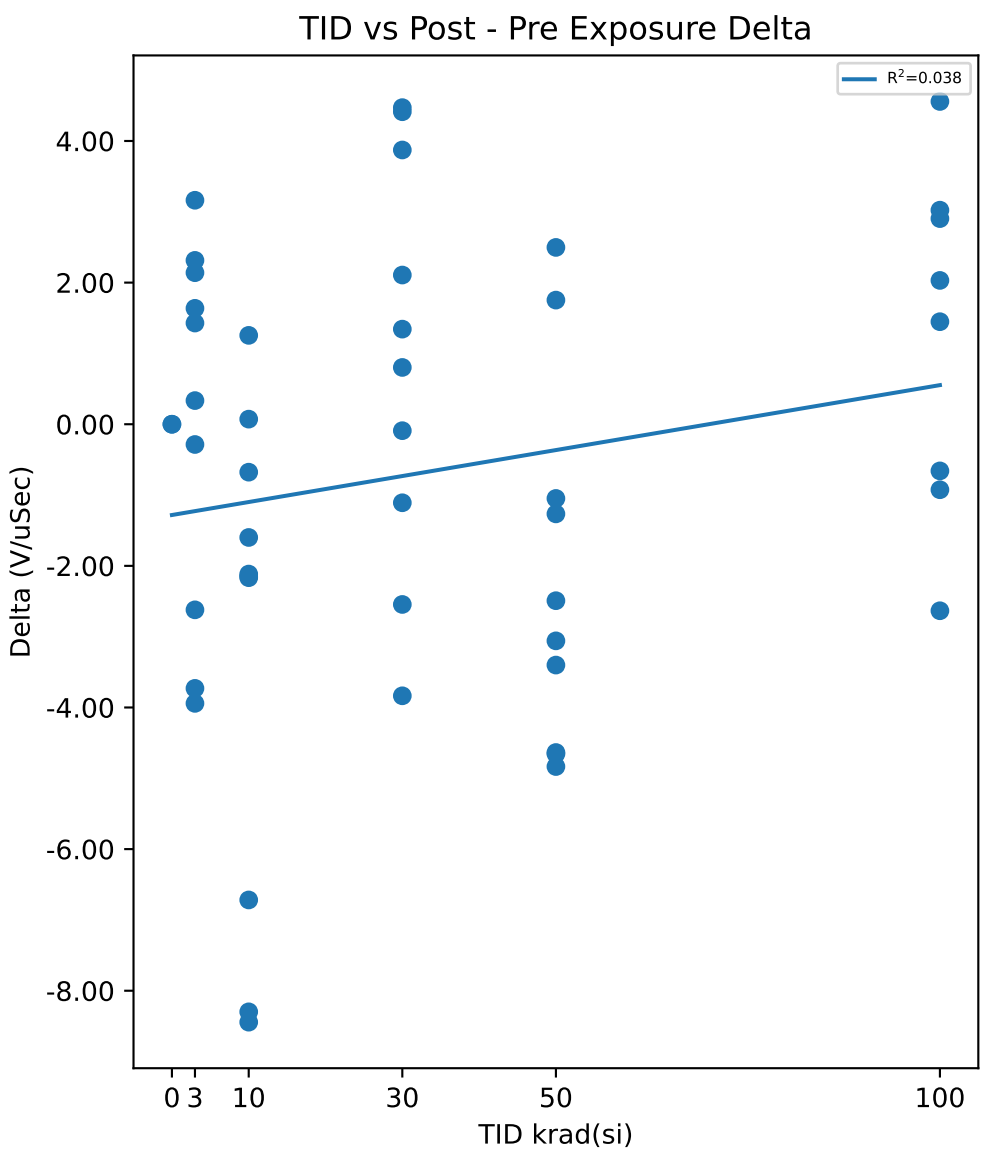


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	91.155	91.868	92.581	1.0083	91.155	91.868	92.581	1.0083	0	0	0	0
3	89.593	91.005	93.171	1.12	89.806	91.45	94.49	1.6891	-2.53	0.4449	3.036	1.5683
10	89.593	91.005	93.171	1.12	85.481	87.948	90.597	1.8488	-6.853	-3.0571	-0.502	1.9466
30	89.593	91.005	93.171	1.12	91.791	93.708	96.032	1.4083	-0.025	2.7024	3.957	1.1816
50	89.593	91.005	93.171	1.12	86.694	89.044	92.499	1.6614	-4.908	-1.9617	1.045	1.6261
100	88.456	90.817	92.382	1.2698	89.536	92.654	94.947	1.903	-2.138	1.8371	3.78	1.8238

Device Test: 19.7 tsr_EN2_Falling/EN2/1.6/3/0/0/0/@EN_SLEW_RATE_FALL





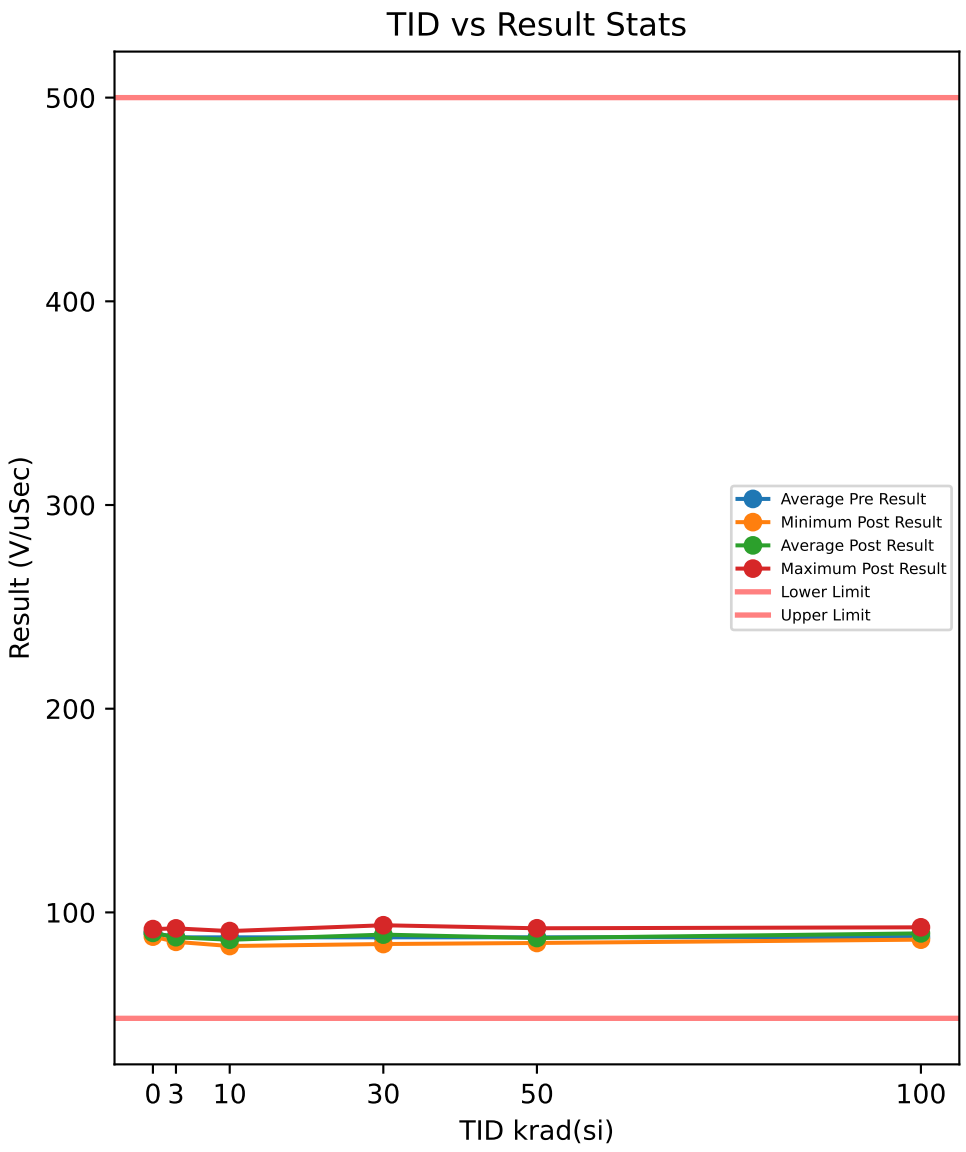
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

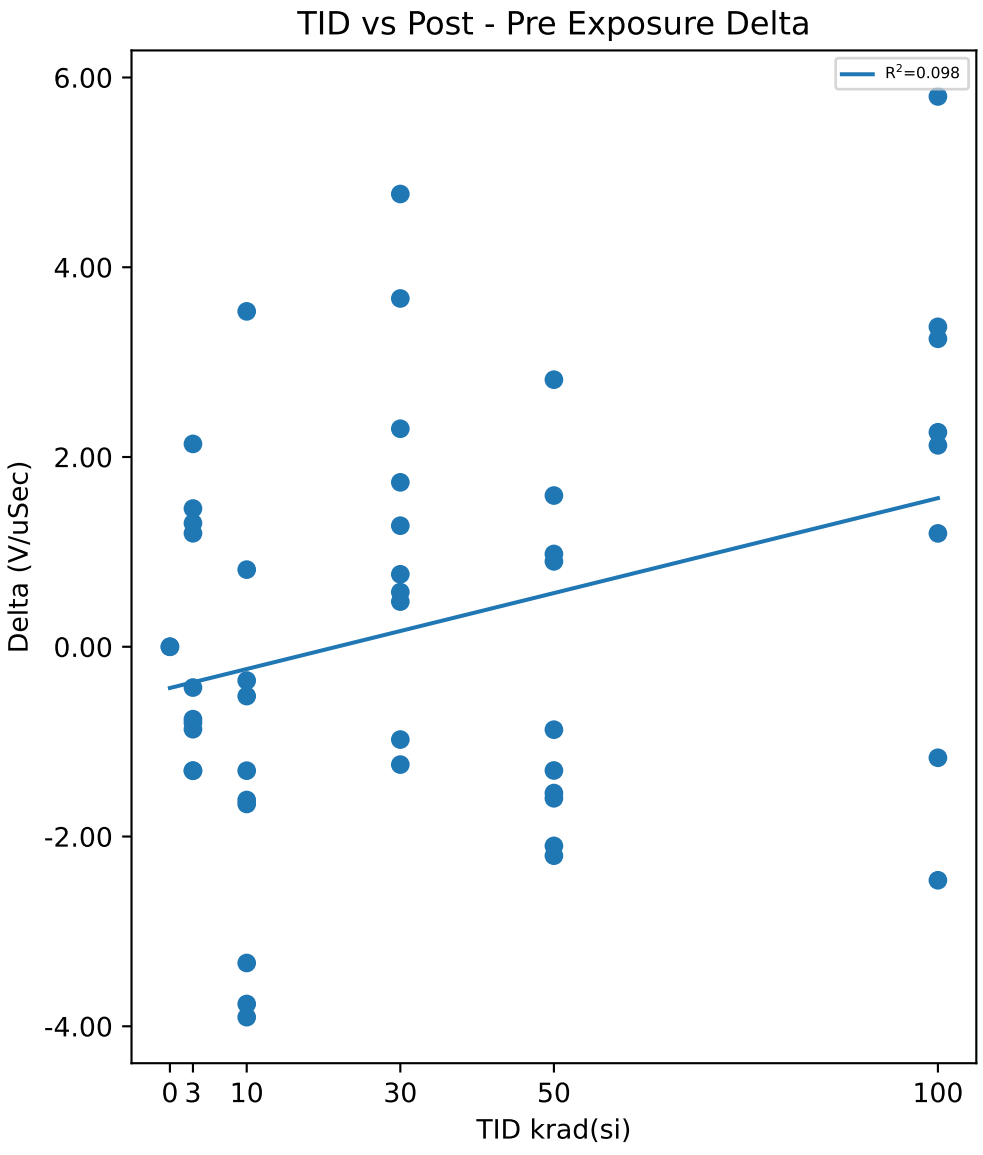
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	93.462	93.462	0
7	0	Correlation	94.434	94.434	0
16	3	LDR-Biased	95.027	94.741	-0.286
18	3	LDR-Biased	90.852	92.489	1.637
19	3	LDR-Biased	94.965	92.344	-2.621
20	3	LDR-Biased	92.223	92.557	0.334
21	3	LDR-Biased	93.787	90.057	-3.73
22	3	LDR-Unbiased	92.007	94.321	2.314
23	3	LDR-Unbiased	92.459	93.888	1.429
25	3	LDR-Unbiased	92.12	95.283	3.163
26	3	LDR-Unbiased	92.121	94.261	2.14
27	3	LDR-Unbiased	93.701	89.759	-3.942
46	10	LDR-Biased	95.027	92.911	-2.116
48	10	LDR-Biased	90.852	90.175	-0.677
49	10	LDR-Biased	94.965	86.521	-8.444
50	10	LDR-Biased	92.223	90.624	-1.599
51	10	LDR-Biased	93.787	85.489	-8.298
52	10	LDR-Unbiased	92.007	89.84	-2.167
53	10	LDR-Unbiased	92.459	90.313	-2.146
55	10	LDR-Unbiased	92.12	93.375	1.255
56	10	LDR-Unbiased	92.121	92.193	0.072
57	10	LDR-Unbiased	93.701	86.983	-6.718
76	30	LDR-Biased	95.027	93.918	-1.109
78	30	LDR-Biased	90.852	95.323	4.471
79	30	LDR-Biased	94.965	92.42	-2.545
80	30	LDR-Biased	92.223	93.566	1.343
81	30	LDR-Biased	93.787	89.952	-3.835
82	30	LDR-Unbiased	92.007	92.809	0.802
83	30	LDR-Unbiased	92.459	94.566	2.107
84	30	LDR-Unbiased	93.701	93.61	-0.091
85	30	LDR-Unbiased	92.12	96.533	4.413
86	30	LDR-Unbiased	92.121	95.994	3.873
87	100	LDR-Biased	91.226	94.13	2.904
88	100	LDR-Biased	92.708	92.049	-0.659
90	100	LDR-Biased	91.18	90.255	-0.925
91	100	LDR-Unbiased	93.973	96.004	2.031
93	100	LDR-Unbiased	92.744	94.192	1.448
94	100	LDR-Unbiased	95.518	92.884	-2.634
95	100	LDR-Unbiased	92.543	95.566	3.023
96	100	LDR-Unbiased	91.85	96.408	4.558
106	50	LDR-Biased	95.027	91.968	-3.059
108	50	LDR-Biased	90.852	93.349	2.497
109	50	LDR-Biased	94.965	90.31	-4.655
110	50	LDR-Biased	92.223	89.731	-2.492
111	50	LDR-Biased	93.787	89.151	-4.636
112	50	LDR-Unbiased	92.007	90.741	-1.266
113	50	LDR-Unbiased	92.459	89.058	-3.401
115	50	LDR-Unbiased	92.12	93.873	1.753
116	50	LDR-Unbiased	92.121	91.073	-1.048
117	50	LDR-Unbiased	93.701	88.867	-4.834

Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	93.462	93.948	94.434	0.68731	93.462	93.948	94.434	0.68731	0	0	0	0
3	90.852	92.926	95.027	1.3772	89.759	92.97	95.283	1.8977	-3.942	0.0438	3.163	2.6068
10	90.852	92.926	95.027	1.3772	85.489	89.842	93.375	2.7187	-8.444	-3.0838	1.255	3.4732
30	90.852	92.926	95.027	1.3772	89.952	93.869	96.533	1.9131	-3.835	0.9429	4.471	2.8845
50	90.852	92.926	95.027	1.3772	88.867	90.812	93.873	1.7718	-4.834	-2.1141	2.497	2.603
100	91.18	92.718	95.518	1.4536	90.255	93.936	96.408	2.1168	-2.634	1.2182	4.558	2.4179

Device Test: 19.8 tsr_EN3_Falling/EN3/1.6/3/0/0/0/@EN_SLEW_RATE_FALL





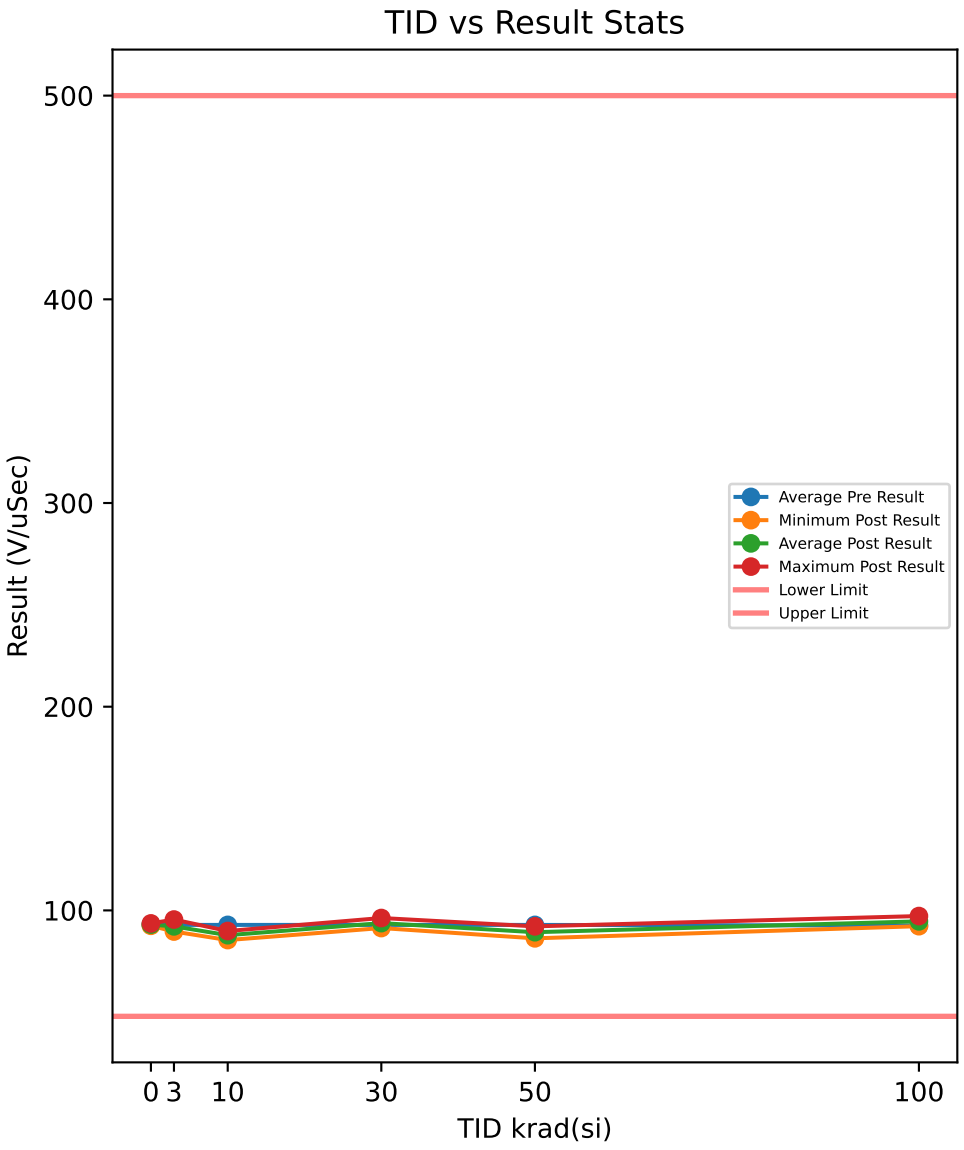
Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	88.107	88.107	0
7	0	Correlation	91.798	91.798	0
16	3	LDR-Biased	90.613	89.813	-0.8
18	3	LDR-Biased	87.762	89.065	1.303
19	3	LDR-Biased	86.316	85.553	-0.763
20	3	LDR-Biased	85.454	86.911	1.457
21	3	LDR-Biased	86.971	85.666	-1.305
22	3	LDR-Unbiased	90.02	89.151	-0.869
23	3	LDR-Unbiased	87.394	86.964	-0.43
25	3	LDR-Unbiased	90.02	92.158	2.138
26	3	LDR-Unbiased	85.989	87.185	1.196
27	3	LDR-Unbiased	87.089	85.782	-1.307
46	10	LDR-Biased	90.613	90.093	-0.52
48	10	LDR-Biased	87.762	86.456	-1.306
49	10	LDR-Biased	86.316	84.659	-1.657
50	10	LDR-Biased	85.454	83.839	-1.615
51	10	LDR-Biased	86.971	83.638	-3.333
52	10	LDR-Unbiased	90.02	86.255	-3.765
53	10	LDR-Unbiased	87.394	83.49	-3.904
55	10	LDR-Unbiased	90.02	90.833	0.813
56	10	LDR-Unbiased	85.989	89.524	3.535
57	10	LDR-Unbiased	87.089	86.733	-0.356
76	30	LDR-Biased	90.613	89.371	-1.242
78	30	LDR-Biased	87.762	89.495	1.733
79	30	LDR-Biased	86.316	86.892	0.576
80	30	LDR-Biased	85.454	84.476	-0.978
81	30	LDR-Biased	86.971	87.447	0.476
82	30	LDR-Unbiased	90.02	90.784	0.764
83	30	LDR-Unbiased	87.394	88.67	1.276
84	30	LDR-Unbiased	87.089	89.387	2.298
85	30	LDR-Unbiased	90.02	93.691	3.671
86	30	LDR-Unbiased	85.989	90.761	4.772
87	100	LDR-Biased	86.88	92.68	5.8
88	100	LDR-Biased	89.604	87.143	-2.461
90	100	LDR-Biased	85.98	89.226	3.246
91	100	LDR-Unbiased	90.434	92.557	2.123
93	100	LDR-Unbiased	88.448	90.709	2.261
94	100	LDR-Unbiased	87.786	86.616	-1.17
95	100	LDR-Unbiased	88.097	89.292	1.195
96	100	LDR-Unbiased	86.036	89.408	3.372
106	50	LDR-Biased	90.613	92.207	1.594
108	50	LDR-Biased	87.762	86.22	-1.542
109	50	LDR-Biased	86.316	85.442	-0.874
110	50	LDR-Biased	85.454	86.354	0.9
111	50	LDR-Biased	86.971	85.667	-1.304
112	50	LDR-Unbiased	90.02	87.818	-2.202
113	50	LDR-Unbiased	87.394	85.797	-1.597
115	50	LDR-Unbiased	90.02	90.998	0.978
116	50	LDR-Unbiased	85.989	88.804	2.815
117	50	LDR-Unbiased	87.089	84.99	-2.099

Test Statistics (V/uSec)

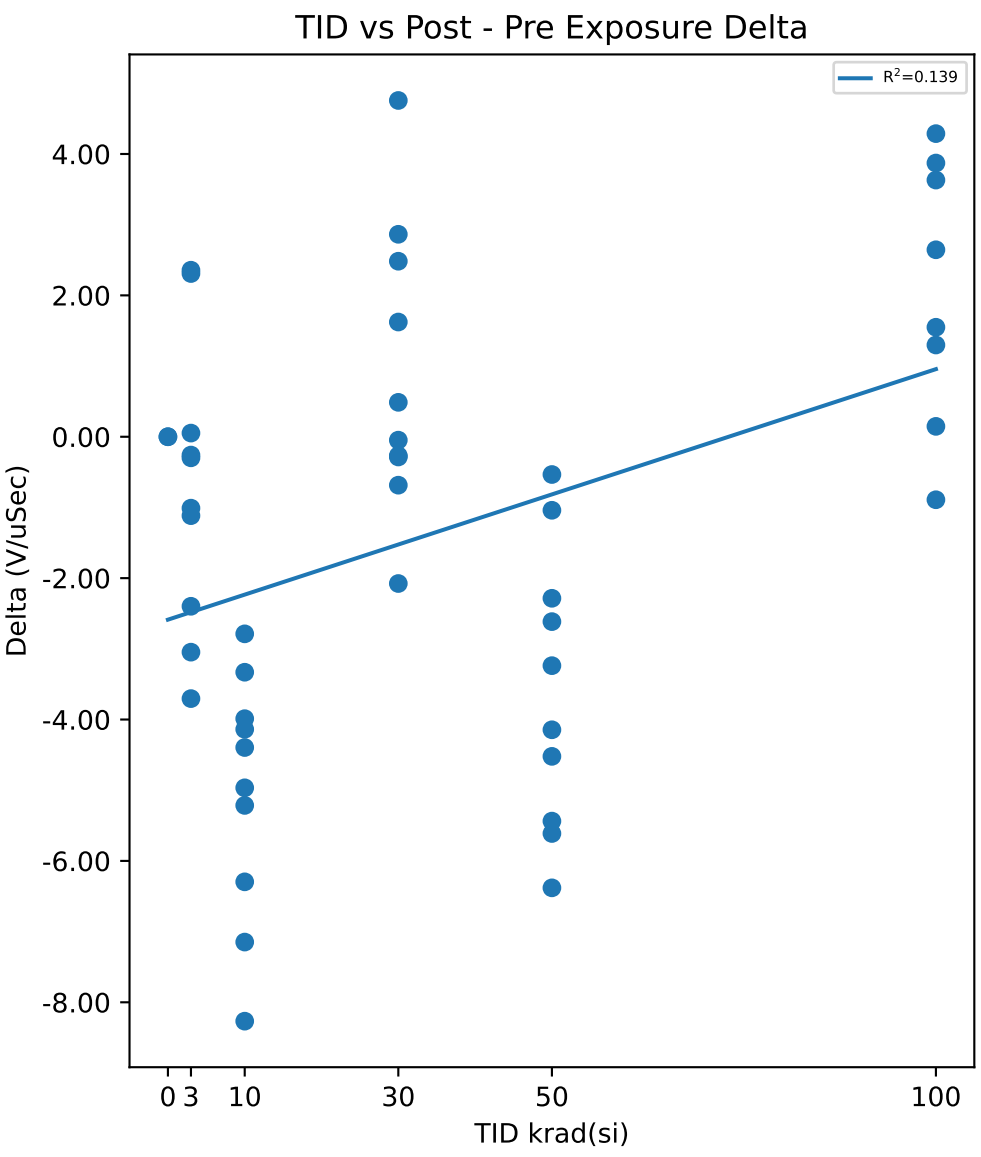
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	88.107	89.953	91.798	2.6099	88.107	89.953	91.798	2.6099	0	0	0	0
3	85.454	87.763	90.613	1.8288	85.553	87.825	92.158	2.1604	-1.307	0.062	2.138	1.3063
10	85.454	87.763	90.613	1.8288	83.49	86.552	90.833	2.7616	-3.904	-1.2108	3.535	2.2725
30	85.454	87.763	90.613	1.8288	84.476	89.097	93.691	2.4979	-1.242	1.3346	4.772	1.8853
50	85.454	87.763	90.613	1.8288	84.99	87.43	92.207	2.492	-2.202	-0.3331	2.815	1.7565
100	85.98	87.908	90.434	1.5981	86.616	89.704	92.68	2.2228	-2.461	1.7958	5.8	2.6247

Device Test: 19.9 tsr_EN4_Falling/EN4/1.6/3/0/0/0/@EN_SLEW_RATE_FALL



Test Results (Lower Limit = 48.0, Upper Limit = 500.0 (V/uSec))

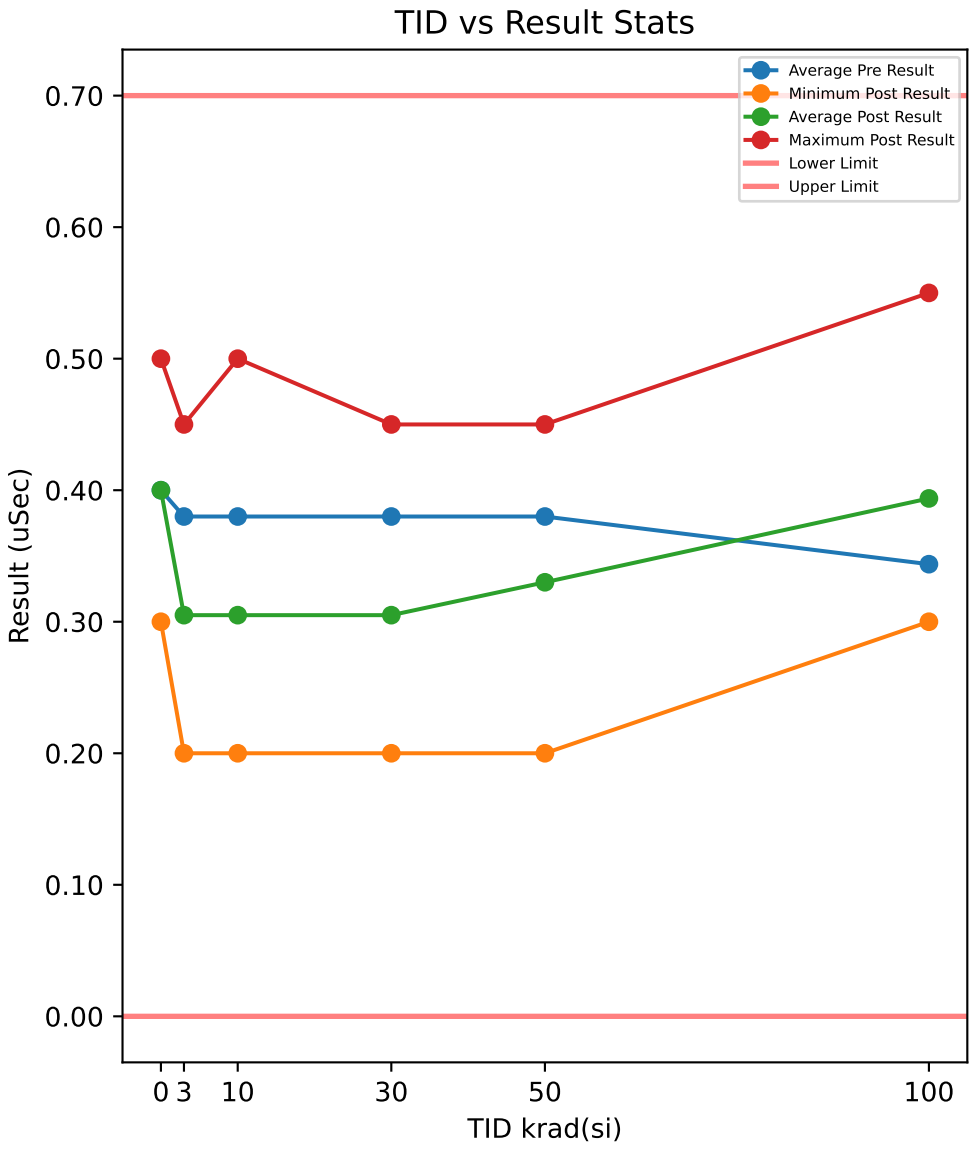
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	92.446	92.446	0
7	0	Correlation	93.613	93.613	0
16	3	LDR-Biased	93.678	93.419	-0.259
18	3	LDR-Biased	91.136	93.492	2.356
19	3	LDR-Biased	93.702	89.998	-3.704
20	3	LDR-Biased	91.605	90.595	-1.01
21	3	LDR-Biased	92.671	89.624	-3.047
22	3	LDR-Unbiased	94.041	93.743	-0.298
23	3	LDR-Unbiased	93.92	91.522	-2.398
25	3	LDR-Unbiased	93.205	95.514	2.309
26	3	LDR-Unbiased	93.397	93.449	0.052
27	3	LDR-Unbiased	91.426	90.31	-1.116
46	10	LDR-Biased	93.678	89.54	-4.138
48	10	LDR-Biased	91.136	88.348	-2.788
49	10	LDR-Biased	93.702	85.435	-8.267
50	10	LDR-Biased	91.605	86.639	-4.966
51	10	LDR-Biased	92.671	86.375	-6.296
52	10	LDR-Unbiased	94.041	88.826	-5.215
53	10	LDR-Unbiased	93.92	86.772	-7.148
55	10	LDR-Unbiased	93.205	89.874	-3.331
56	10	LDR-Unbiased	93.397	89.001	-4.396
57	10	LDR-Unbiased	91.426	87.438	-3.988
76	30	LDR-Biased	93.678	93.63	-0.048
78	30	LDR-Biased	91.136	95.893	4.757
79	30	LDR-Biased	93.702	91.626	-2.076
80	30	LDR-Biased	91.605	91.338	-0.267
81	30	LDR-Biased	92.671	91.986	-0.685
82	30	LDR-Unbiased	94.041	94.528	0.487
83	30	LDR-Unbiased	93.92	93.634	-0.286
84	30	LDR-Unbiased	91.426	93.049	1.623
85	30	LDR-Unbiased	93.205	95.688	2.483
86	30	LDR-Unbiased	93.397	96.261	2.864
87	100	LDR-Biased	91.841	96.129	4.288
88	100	LDR-Biased	93.143	92.252	-0.891
90	100	LDR-Biased	91.605	92.903	1.298
91	100	LDR-Unbiased	93.349	97.221	3.872
93	100	LDR-Unbiased	92.507	96.138	3.631
94	100	LDR-Unbiased	93.713	93.86	0.147
95	100	LDR-Unbiased	92.648	94.197	1.549
96	100	LDR-Unbiased	91.669	94.314	2.645
106	50	LDR-Biased	93.678	91.063	-2.615
108	50	LDR-Biased	91.136	90.602	-0.534
109	50	LDR-Biased	93.702	88.09	-5.612
110	50	LDR-Biased	91.605	88.367	-3.238
111	50	LDR-Biased	92.671	86.29	-6.381
112	50	LDR-Unbiased	94.041	89.896	-4.145
113	50	LDR-Unbiased	93.92	88.483	-5.437
115	50	LDR-Unbiased	93.205	92.165	-1.04
116	50	LDR-Unbiased	93.397	88.876	-4.521
117	50	LDR-Unbiased	91.426	89.141	-2.285

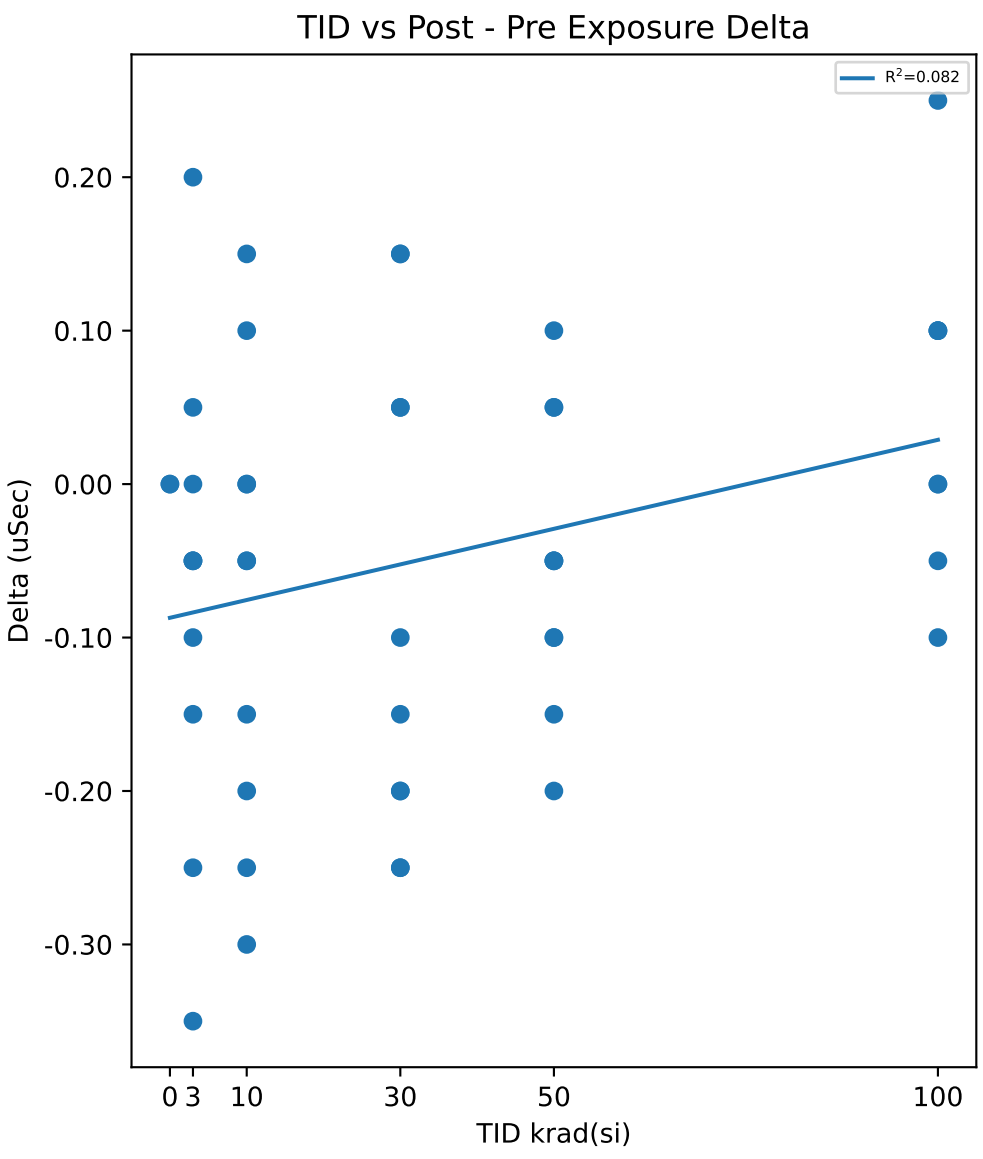


Test Statistics (V/uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.446	93.029	93.613	0.82519	92.446	93.029	93.613	0.82519	0	0	0	0
3	91.136	92.878	94.041	1.1025	89.624	92.167	95.514	2.0044	-3.704	-0.7115	2.356	2.0275
10	91.136	92.878	94.041	1.1025	85.435	87.825	89.874	1.501	-8.267	-5.0533	-2.788	1.7255
30	91.136	92.878	94.041	1.1025	91.338	93.763	96.261	1.8018	-2.076	0.8852	4.757	2.0267
50	91.136	92.878	94.041	1.1025	86.29	89.297	92.165	1.6877	-6.381	-3.5808	-0.534	1.9744
100	91.605	92.559	93.713	0.80403	92.252	94.627	97.221	1.7218	-0.891	2.0674	4.288	1.8619

Device Test: 25.1 T_MIN_UP/UP/3.3/3/0/0/0/@TMIN_UP





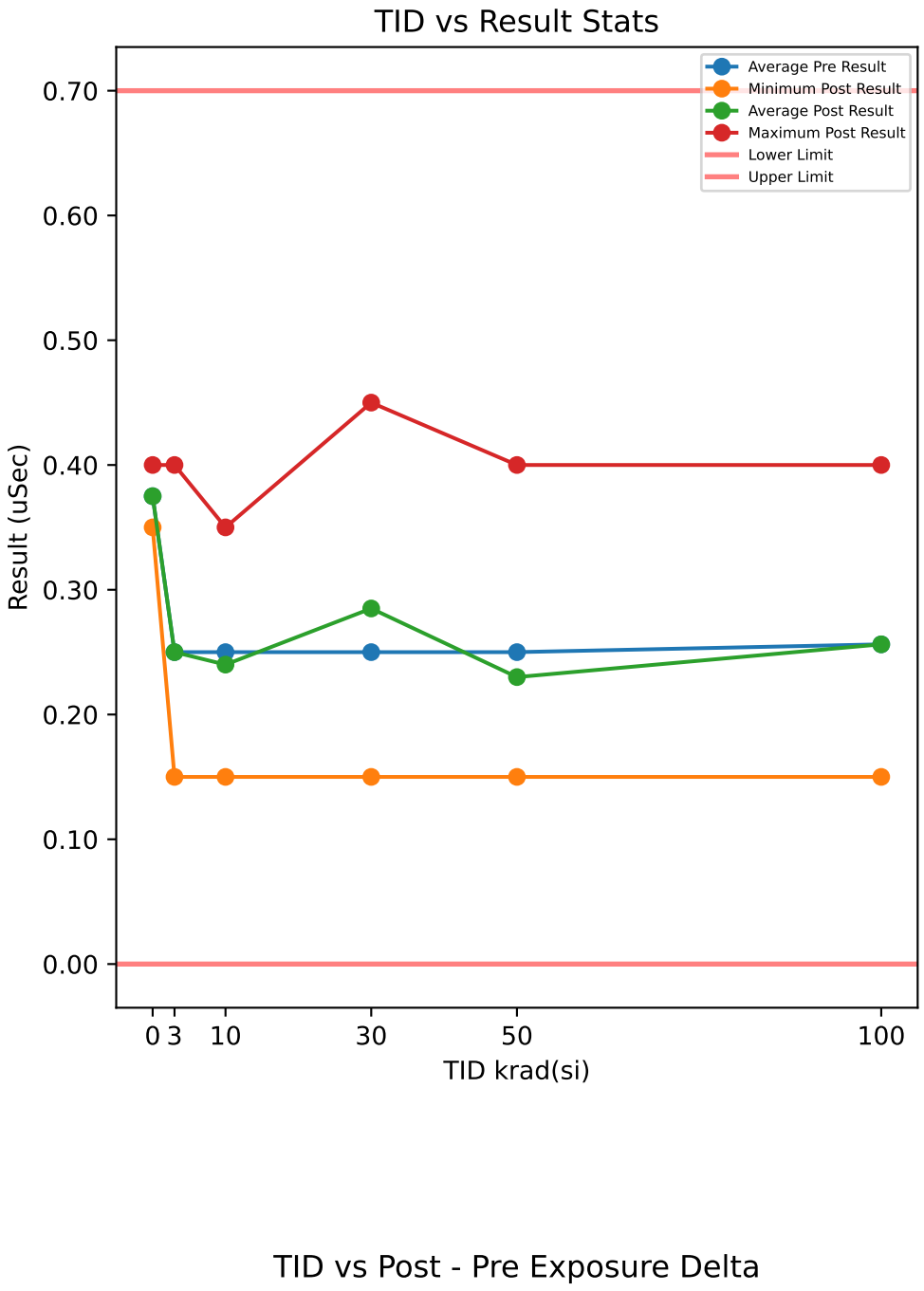
Test Results (Lower Limit = 0.0, Upper Limit = 0.7 (uSec))

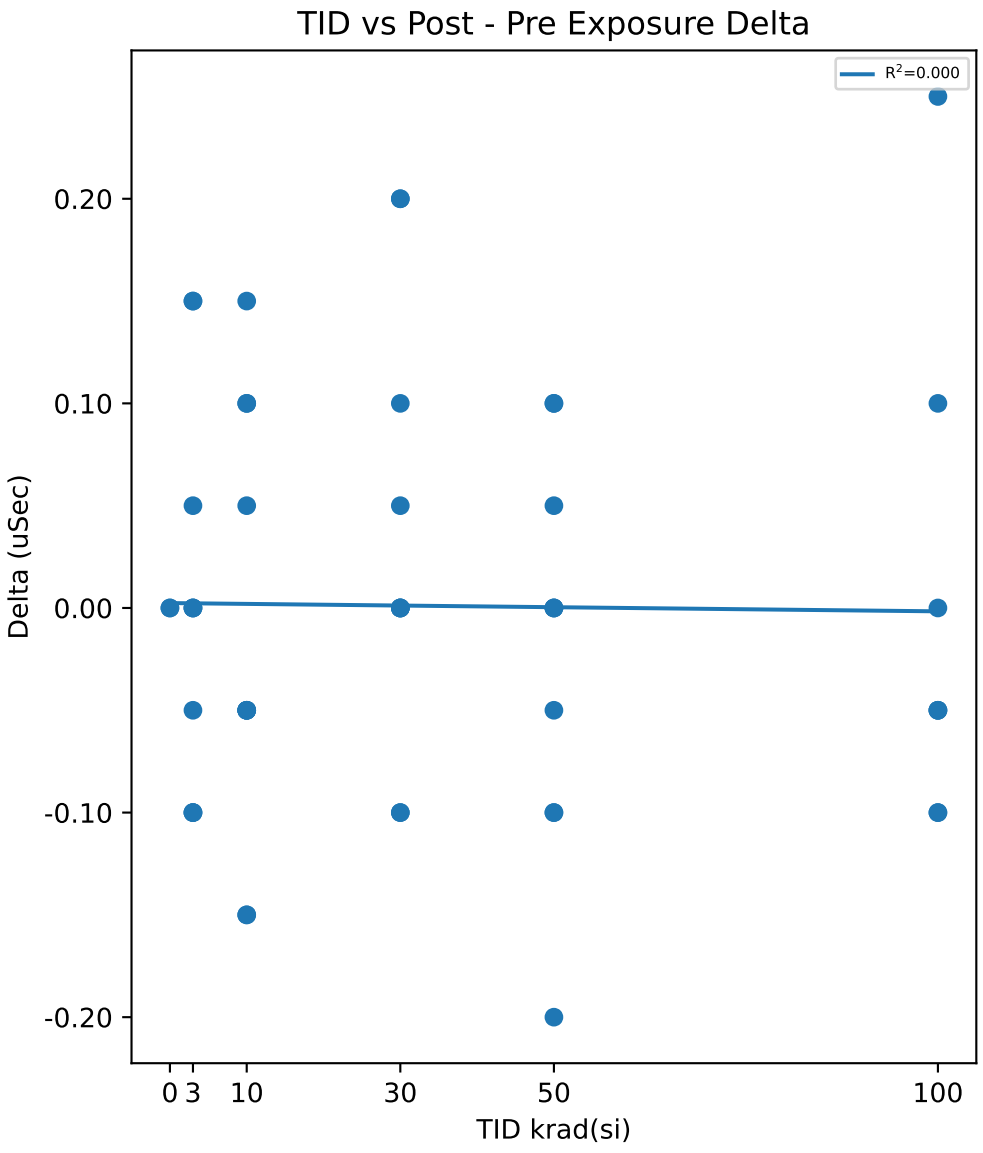
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.5	0.5	0
7	0	Correlation	0.3	0.3	0
16	3	LDR-Biased	0.45	0.45	0
18	3	LDR-Biased	0.35	0.4	0.05
19	3	LDR-Biased	0.2	0.4	0.2
20	3	LDR-Biased	0.5	0.25	-0.25
21	3	LDR-Biased	0.45	0.4	-0.05
22	3	LDR-Unbiased	0.4	0.25	-0.15
23	3	LDR-Unbiased	0.3	0.25	-0.05
25	3	LDR-Unbiased	0.35	0.25	-0.1
26	3	LDR-Unbiased	0.25	0.2	-0.05
27	3	LDR-Unbiased	0.55	0.2	-0.35
46	10	LDR-Biased	0.45	0.2	-0.25
48	10	LDR-Biased	0.35	0.3	-0.05
49	10	LDR-Biased	0.2	0.3	0.1
50	10	LDR-Biased	0.5	0.5	0
51	10	LDR-Biased	0.45	0.3	-0.15
52	10	LDR-Unbiased	0.4	0.2	-0.2
53	10	LDR-Unbiased	0.3	0.3	0
55	10	LDR-Unbiased	0.35	0.3	-0.05
56	10	LDR-Unbiased	0.25	0.4	0.15
57	10	LDR-Unbiased	0.55	0.25	-0.3
76	30	LDR-Biased	0.45	0.2	-0.25
78	30	LDR-Biased	0.35	0.25	-0.1
79	30	LDR-Biased	0.2	0.25	0.05
80	30	LDR-Biased	0.5	0.3	-0.2
81	30	LDR-Biased	0.45	0.25	-0.2
82	30	LDR-Unbiased	0.4	0.25	-0.15
83	30	LDR-Unbiased	0.3	0.45	0.15
84	30	LDR-Unbiased	0.55	0.3	-0.25
85	30	LDR-Unbiased	0.35	0.4	0.05
86	30	LDR-Unbiased	0.25	0.4	0.15
87	100	LDR-Biased	0.45	0.55	0.1
88	100	LDR-Biased	0.3	0.3	0
90	100	LDR-Biased	0.3	0.3	0
91	100	LDR-Unbiased	0.3	0.4	0.1
93	100	LDR-Unbiased	0.4	0.3	-0.1
94	100	LDR-Unbiased	0.3	0.4	0.1
95	100	LDR-Unbiased	0.4	0.35	-0.05
96	100	LDR-Unbiased	0.3	0.55	0.25
106	50	LDR-Biased	0.45	0.3	-0.15
108	50	LDR-Biased	0.35	0.25	-0.1
109	50	LDR-Biased	0.2	0.25	0.05
110	50	LDR-Biased	0.5	0.45	-0.05
111	50	LDR-Biased	0.45	0.25	-0.2
112	50	LDR-Unbiased	0.4	0.45	0.05
113	50	LDR-Unbiased	0.3	0.4	0.1
115	50	LDR-Unbiased	0.35	0.3	-0.05
116	50	LDR-Unbiased	0.25	0.2	-0.05
117	50	LDR-Unbiased	0.55	0.45	-0.1

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.3	0.4	0.5	0.14142	0.3	0.4	0.5	0.14142	0	0	0	0
3	0.2	0.38	0.55	0.11106	0.2	0.305	0.45	0.095598	-0.35	-0.075	0.2	0.15321
10	0.2	0.38	0.55	0.11106	0.2	0.305	0.5	0.089598	-0.3	-0.075	0.15	0.14767
30	0.2	0.38	0.55	0.11106	0.2	0.305	0.45	0.083166	-0.25	-0.075	0.15	0.16029
50	0.2	0.38	0.55	0.11106	0.2	0.33	0.45	0.097753	-0.2	-0.05	0.1	0.094281
100	0.3	0.34375	0.45	0.062321	0.3	0.39375	0.55	0.10501	-0.1	0.05	0.25	0.11019

Device Test: 25.2 T_MIN_UP/UP/3.3/14/0/0/0/@TMIN_UP





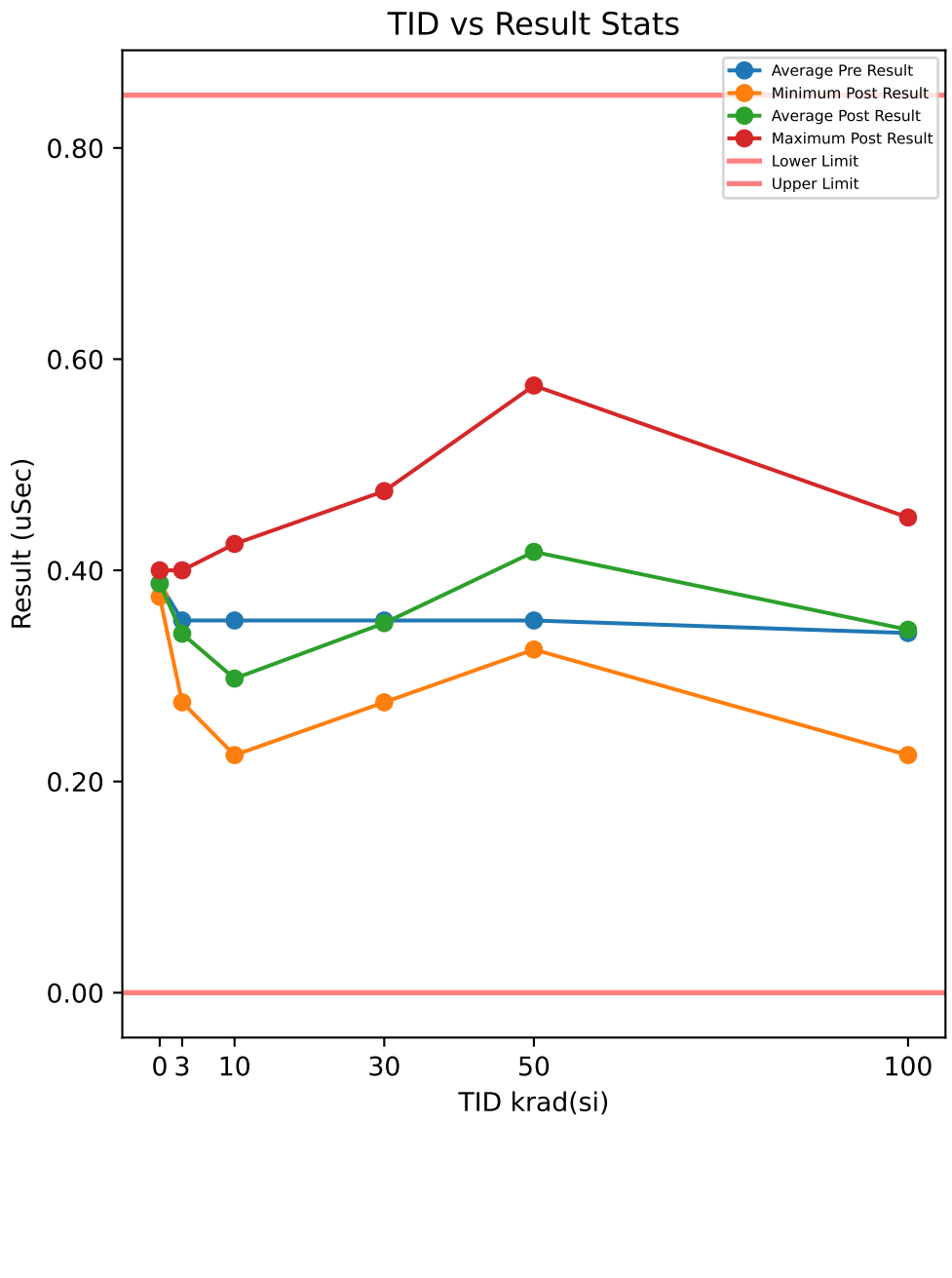
Test Results (Lower Limit = 0.0, Upper Limit = 0.7 (uSec))

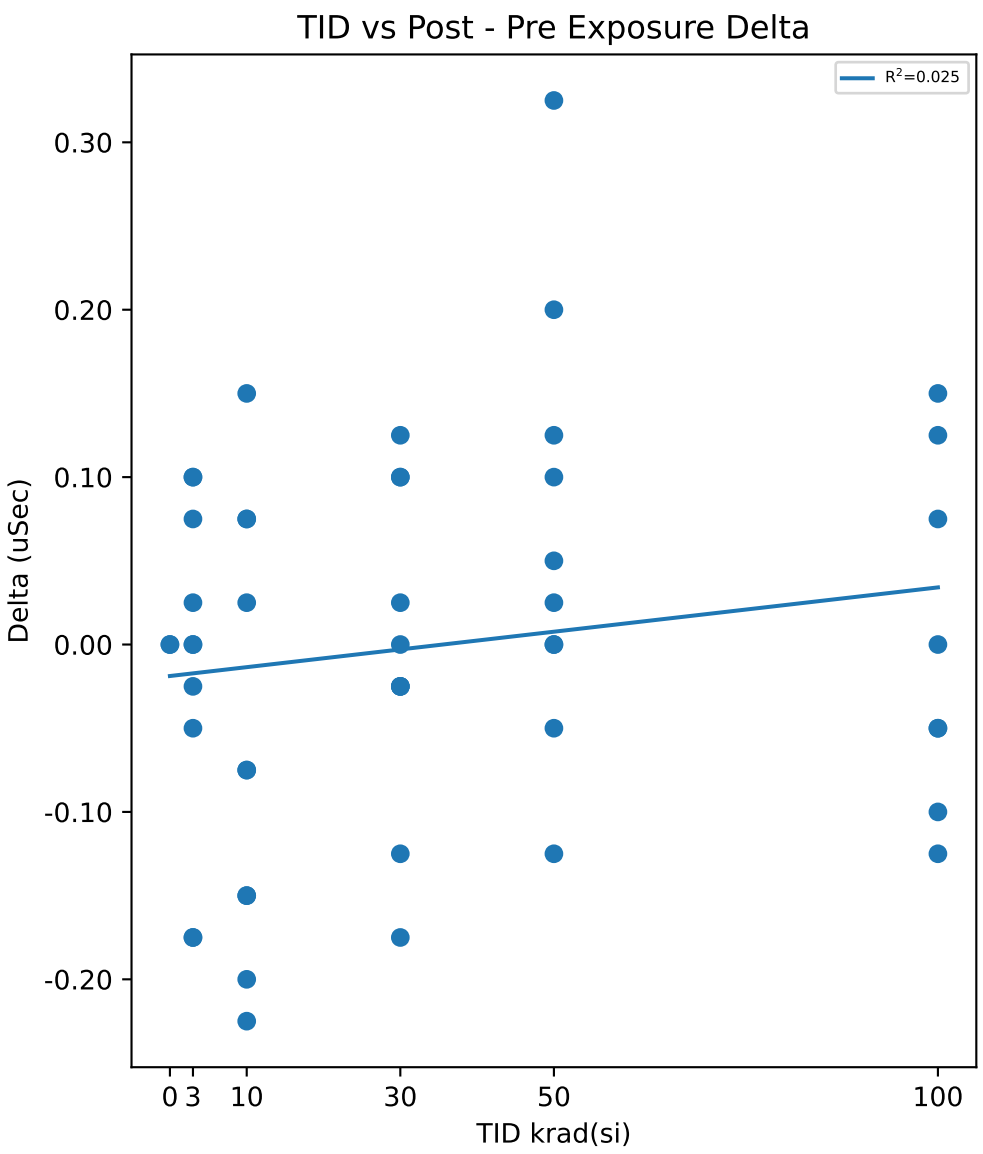
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.35	0.35	0
7	0	Correlation	0.4	0.4	0
16	3	LDR-Biased	0.2	0.2	0
18	3	LDR-Biased	0.2	0.2	0
19	3	LDR-Biased	0.35	0.25	-0.1
20	3	LDR-Biased	0.25	0.4	0.15
21	3	LDR-Biased	0.35	0.35	0
22	3	LDR-Unbiased	0.25	0.15	-0.1
23	3	LDR-Unbiased	0.15	0.2	0.05
25	3	LDR-Unbiased	0.2	0.35	0.15
26	3	LDR-Unbiased	0.3	0.25	-0.05
27	3	LDR-Unbiased	0.25	0.15	-0.1
46	10	LDR-Biased	0.2	0.15	-0.05
48	10	LDR-Biased	0.2	0.25	0.05
49	10	LDR-Biased	0.35	0.2	-0.15
50	10	LDR-Biased	0.25	0.2	-0.05
51	10	LDR-Biased	0.35	0.3	-0.05
52	10	LDR-Unbiased	0.25	0.2	-0.05
53	10	LDR-Unbiased	0.15	0.25	0.1
55	10	LDR-Unbiased	0.2	0.35	0.15
56	10	LDR-Unbiased	0.3	0.15	-0.15
57	10	LDR-Unbiased	0.25	0.35	0.1
76	30	LDR-Biased	0.2	0.3	0.1
78	30	LDR-Biased	0.2	0.2	0
79	30	LDR-Biased	0.35	0.35	0
80	30	LDR-Biased	0.25	0.15	-0.1
81	30	LDR-Biased	0.35	0.4	0.05
82	30	LDR-Unbiased	0.25	0.25	0
83	30	LDR-Unbiased	0.15	0.15	0
84	30	LDR-Unbiased	0.25	0.45	0.2
85	30	LDR-Unbiased	0.2	0.4	0.2
86	30	LDR-Unbiased	0.3	0.2	-0.1
87	100	LDR-Biased	0.25	0.15	-0.1
88	100	LDR-Biased	0.2	0.2	0
90	100	LDR-Biased	0.2	0.15	-0.05
91	100	LDR-Unbiased	0.35	0.25	-0.1
93	100	LDR-Unbiased	0.3	0.25	-0.05
94	100	LDR-Unbiased	0.15	0.4	0.25
95	100	LDR-Unbiased	0.3	0.4	0.1
96	100	LDR-Unbiased	0.3	0.25	-0.05
106	50	LDR-Biased	0.2	0.2	0
108	50	LDR-Biased	0.2	0.3	0.1
109	50	LDR-Biased	0.35	0.15	-0.2
110	50	LDR-Biased	0.25	0.15	-0.1
111	50	LDR-Biased	0.35	0.4	0.05
112	50	LDR-Unbiased	0.25	0.15	-0.1
113	50	LDR-Unbiased	0.15	0.15	0
115	50	LDR-Unbiased	0.2	0.3	0.1
116	50	LDR-Unbiased	0.3	0.3	0
117	50	LDR-Unbiased	0.25	0.2	-0.05

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.35	0.375	0.4	0.035355	0.35	0.375	0.4	0.035355	0	0	0	0
3	0.15	0.25	0.35	0.066667	0.15	0.25	0.4	0.088192	-0.1	2.7756e-18	0.15	0.094281
10	0.15	0.25	0.35	0.066667	0.15	0.24	0.35	0.073786	-0.15	-0.01	0.15	0.10488
30	0.15	0.25	0.35	0.066667	0.15	0.285	0.45	0.11068	-0.1	0.035	0.2	0.10554
50	0.15	0.25	0.35	0.066667	0.15	0.23	0.4	0.088819	-0.2	-0.02	0.1	0.094868
100	0.15	0.25625	0.35	0.06781	0.15	0.25625	0.4	0.09797	-0.1	6.9389e-18	0.25	0.11952

Device Test: 25.3 T_MIN_DOWN/DOWN/3.3/3/0/0/0/@TMIN_DOWN





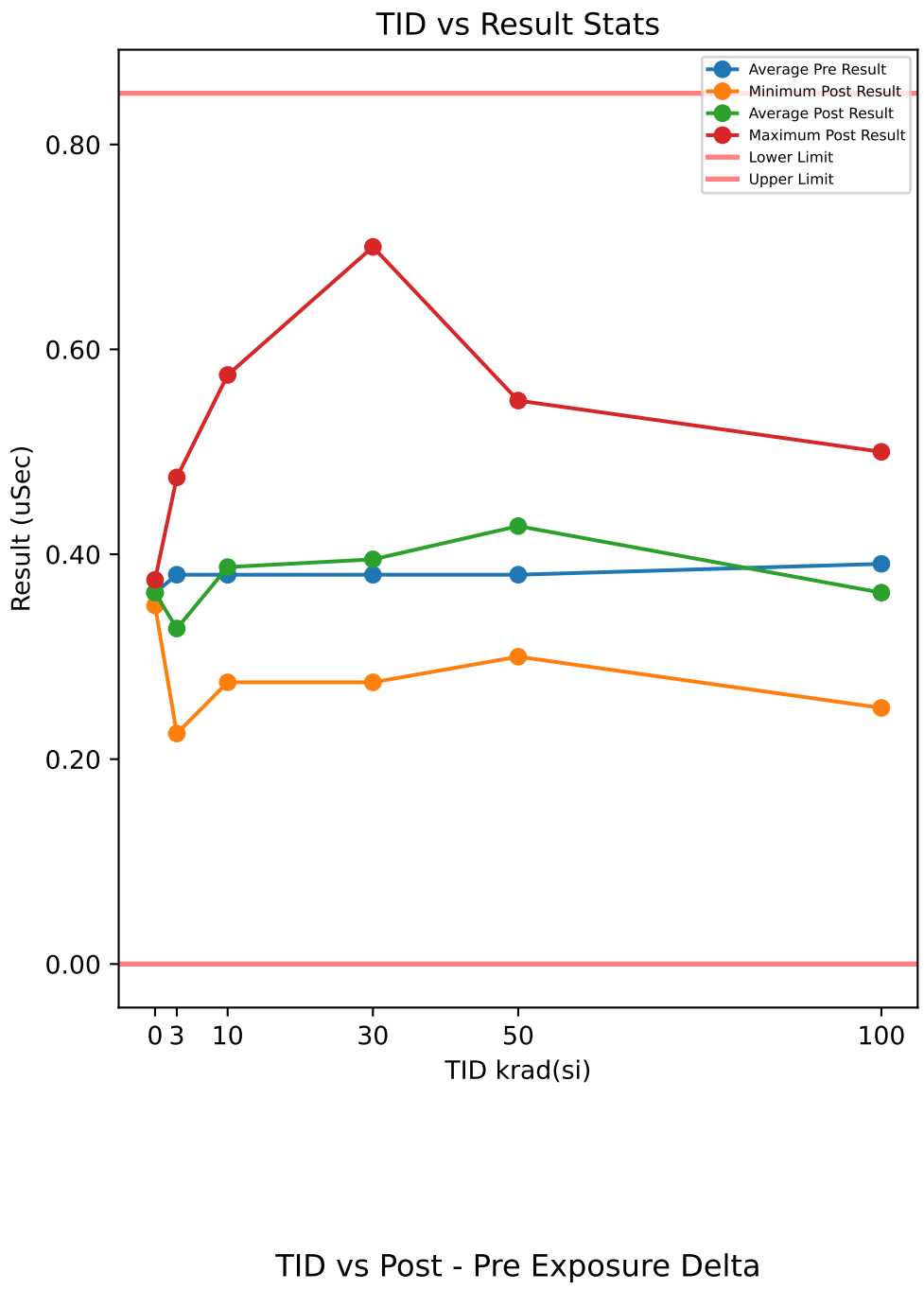
Test Results (Lower Limit = 0.0, Upper Limit = 0.85 (uSec))

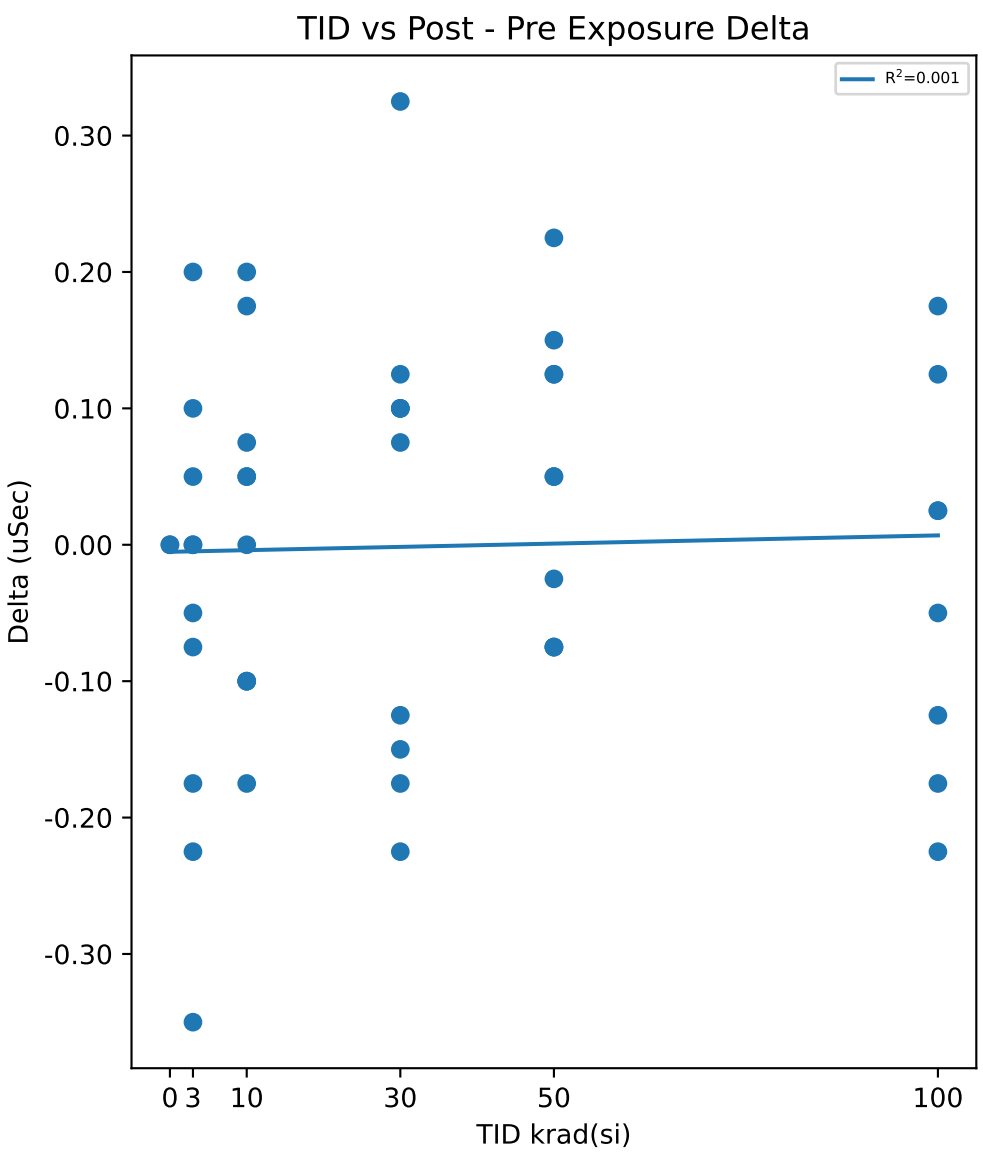
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.375	0.375	0
7	0	Correlation	0.4	0.4	0
16	3	LDR-Biased	0.275	0.275	0
18	3	LDR-Biased	0.475	0.3	-0.175
19	3	LDR-Biased	0.3	0.3	0
20	3	LDR-Biased	0.325	0.4	0.075
21	3	LDR-Biased	0.375	0.35	-0.025
22	3	LDR-Unbiased	0.25	0.35	0.1
23	3	LDR-Unbiased	0.45	0.275	-0.175
25	3	LDR-Unbiased	0.3	0.4	0.1
26	3	LDR-Unbiased	0.35	0.375	0.025
27	3	LDR-Unbiased	0.425	0.375	-0.05
46	10	LDR-Biased	0.275	0.425	0.15
48	10	LDR-Biased	0.475	0.275	-0.2
49	10	LDR-Biased	0.3	0.225	-0.075
50	10	LDR-Biased	0.325	0.25	-0.075
51	10	LDR-Biased	0.375	0.225	-0.15
52	10	LDR-Unbiased	0.25	0.325	0.075
53	10	LDR-Unbiased	0.45	0.225	-0.225
55	10	LDR-Unbiased	0.3	0.325	0.025
56	10	LDR-Unbiased	0.35	0.425	0.075
57	10	LDR-Unbiased	0.425	0.275	-0.15
76	30	LDR-Biased	0.275	0.375	0.1
78	30	LDR-Biased	0.475	0.3	-0.175
79	30	LDR-Biased	0.3	0.275	-0.025
80	30	LDR-Biased	0.325	0.325	0
81	30	LDR-Biased	0.375	0.475	0.1
82	30	LDR-Unbiased	0.25	0.275	0.025
83	30	LDR-Unbiased	0.45	0.325	-0.125
84	30	LDR-Unbiased	0.425	0.4	-0.025
85	30	LDR-Unbiased	0.3	0.275	-0.025
86	30	LDR-Unbiased	0.35	0.475	0.125
87	100	LDR-Biased	0.375	0.325	-0.05
88	100	LDR-Biased	0.5	0.45	-0.05
90	100	LDR-Biased	0.25	0.375	0.125
91	100	LDR-Unbiased	0.425	0.3	-0.125
93	100	LDR-Unbiased	0.3	0.45	0.15
94	100	LDR-Unbiased	0.25	0.25	0
95	100	LDR-Unbiased	0.325	0.225	-0.1
96	100	LDR-Unbiased	0.3	0.375	0.075
106	50	LDR-Biased	0.275	0.475	0.2
108	50	LDR-Biased	0.475	0.35	-0.125
109	50	LDR-Biased	0.3	0.425	0.125
110	50	LDR-Biased	0.325	0.325	0
111	50	LDR-Biased	0.375	0.325	-0.05
112	50	LDR-Unbiased	0.25	0.575	0.325
113	50	LDR-Unbiased	0.45	0.45	0
115	50	LDR-Unbiased	0.3	0.4	0.1
116	50	LDR-Unbiased	0.35	0.4	0.05
117	50	LDR-Unbiased	0.425	0.45	0.025

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.375	0.3875	0.4	0.017678	0.375	0.3875	0.4	0.017678	0	0	0	0
3	0.25	0.3525	0.475	0.076784	0.275	0.34	0.4	0.048876	-0.175	-0.0125	0.1	0.099478
10	0.25	0.3525	0.475	0.076784	0.225	0.2975	0.425	0.076784	-0.225	-0.055	0.15	0.12953
30	0.25	0.3525	0.475	0.076784	0.275	0.35	0.475	0.078174	-0.175	-0.0025	0.125	0.096789
50	0.25	0.3525	0.475	0.076784	0.325	0.4175	0.575	0.076422	-0.125	0.065	0.325	0.12921
100	0.25	0.34063	0.5	0.087564	0.225	0.34375	0.45	0.084251	-0.125	0.003125	0.15	0.10302

Device Test: 25.4 T_MIN_DOWN/DOWN/3.3/14/0/0/0/@TMIN_DOWN





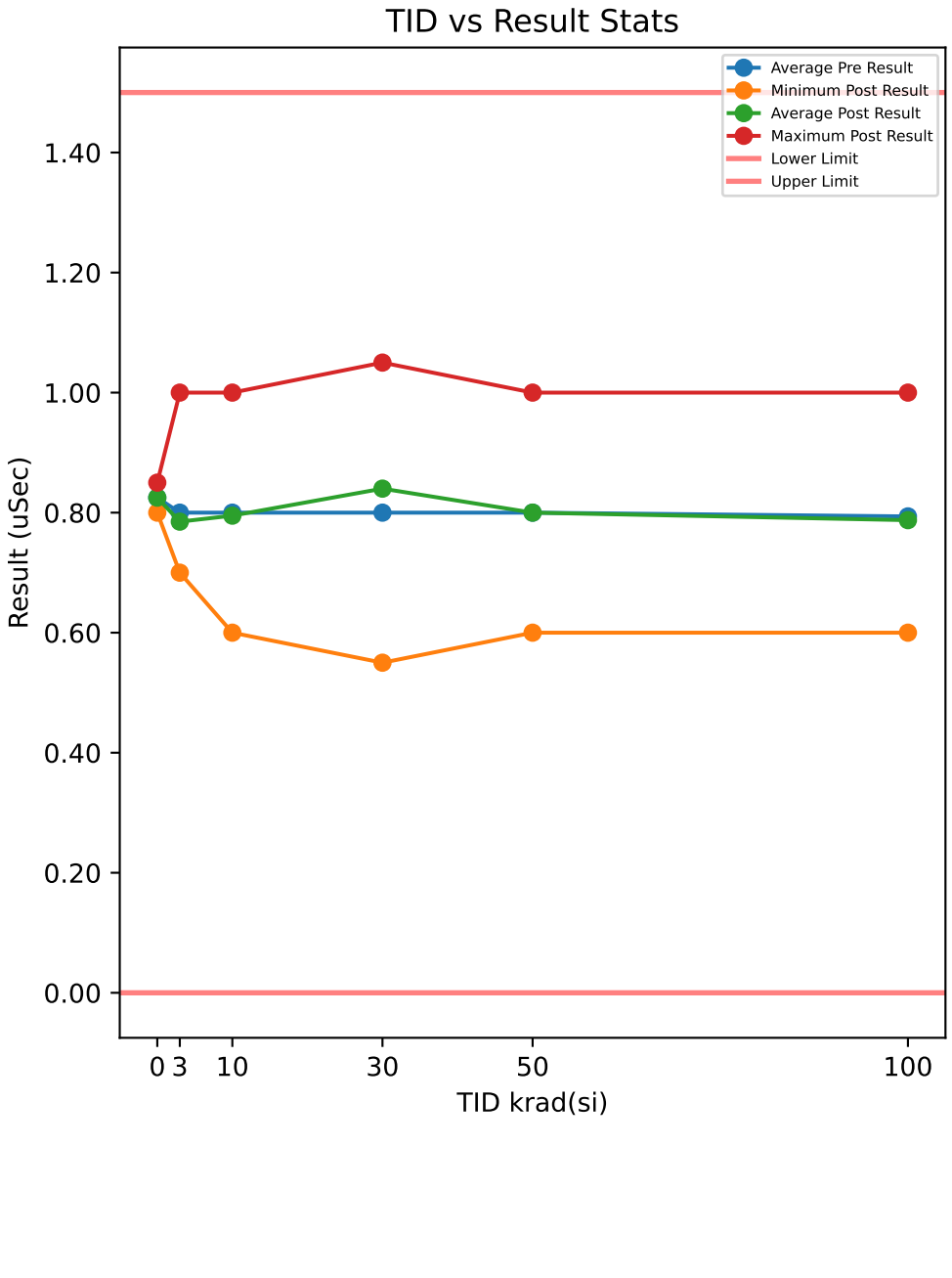
Test Results (Lower Limit = 0.0, Upper Limit = 0.85 (uSec))

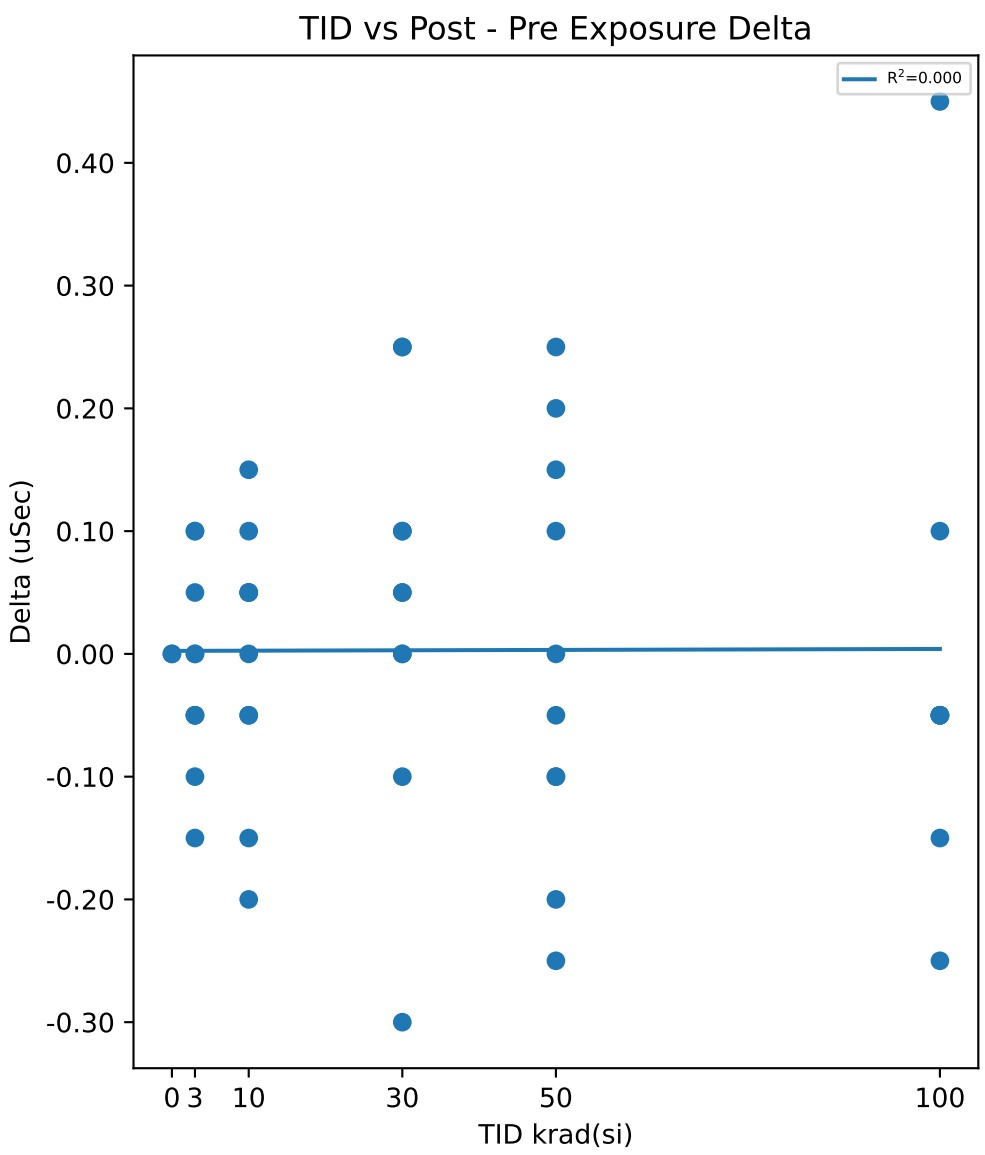
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.35	0.35	0
7	0	Correlation	0.375	0.375	0
16	3	LDR-Biased	0.4	0.4	0
18	3	LDR-Biased	0.375	0.475	0.1
19	3	LDR-Biased	0.325	0.275	-0.05
20	3	LDR-Biased	0.25	0.25	0
21	3	LDR-Biased	0.3	0.35	0.05
22	3	LDR-Unbiased	0.425	0.25	-0.175
23	3	LDR-Unbiased	0.45	0.225	-0.225
25	3	LDR-Unbiased	0.275	0.475	0.2
26	3	LDR-Unbiased	0.375	0.3	-0.075
27	3	LDR-Unbiased	0.625	0.275	-0.35
46	10	LDR-Biased	0.4	0.575	0.175
48	10	LDR-Biased	0.375	0.275	-0.1
49	10	LDR-Biased	0.325	0.4	0.075
50	10	LDR-Biased	0.25	0.45	0.2
51	10	LDR-Biased	0.3	0.35	0.05
52	10	LDR-Unbiased	0.425	0.325	-0.1
53	10	LDR-Unbiased	0.45	0.35	-0.1
55	10	LDR-Unbiased	0.275	0.325	0.05
56	10	LDR-Unbiased	0.375	0.375	0
57	10	LDR-Unbiased	0.625	0.45	-0.175
76	30	LDR-Biased	0.4	0.275	-0.125
78	30	LDR-Biased	0.375	0.7	0.325
79	30	LDR-Biased	0.325	0.425	0.1
80	30	LDR-Biased	0.25	0.35	0.1
81	30	LDR-Biased	0.3	0.375	0.075
82	30	LDR-Unbiased	0.425	0.275	-0.15
83	30	LDR-Unbiased	0.45	0.275	-0.175
84	30	LDR-Unbiased	0.625	0.4	-0.225
85	30	LDR-Unbiased	0.275	0.4	0.125
86	30	LDR-Unbiased	0.375	0.475	0.1
87	100	LDR-Biased	0.325	0.5	0.175
88	100	LDR-Biased	0.3	0.325	0.025
90	100	LDR-Biased	0.475	0.25	-0.225
91	100	LDR-Unbiased	0.55	0.375	-0.175
93	100	LDR-Unbiased	0.275	0.3	0.025
94	100	LDR-Unbiased	0.425	0.3	-0.125
95	100	LDR-Unbiased	0.45	0.4	-0.05
96	100	LDR-Unbiased	0.325	0.45	0.125
106	50	LDR-Biased	0.4	0.325	-0.075
108	50	LDR-Biased	0.375	0.425	0.05
109	50	LDR-Biased	0.325	0.45	0.125
110	50	LDR-Biased	0.25	0.375	0.125
111	50	LDR-Biased	0.3	0.45	0.15
112	50	LDR-Unbiased	0.425	0.475	0.05
113	50	LDR-Unbiased	0.45	0.425	-0.025
115	50	LDR-Unbiased	0.275	0.5	0.225
116	50	LDR-Unbiased	0.375	0.3	-0.075
117	50	LDR-Unbiased	0.625	0.55	-0.075

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.35	0.3625	0.375	0.017678	0.35	0.3625	0.375	0.017678	0	0	0	0
3	0.25	0.38	0.625	0.10788	0.225	0.3275	0.475	0.093132	-0.35	-0.0525	0.2	0.16221
10	0.25	0.38	0.625	0.10788	0.275	0.3875	0.575	0.085999	-0.175	0.0075	0.2	0.12531
30	0.25	0.38	0.625	0.10788	0.275	0.395	0.7	0.12737	-0.225	0.015	0.325	0.17448
50	0.25	0.38	0.625	0.10788	0.3	0.4275	0.55	0.076784	-0.075	0.0475	0.225	0.10766
100	0.275	0.39062	0.55	0.098141	0.25	0.3625	0.5	0.084515	-0.225	-0.028125	0.175	0.1417

Device Test: 26.1 T_HOLD_RISE/SENSE1/3.3/3/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ





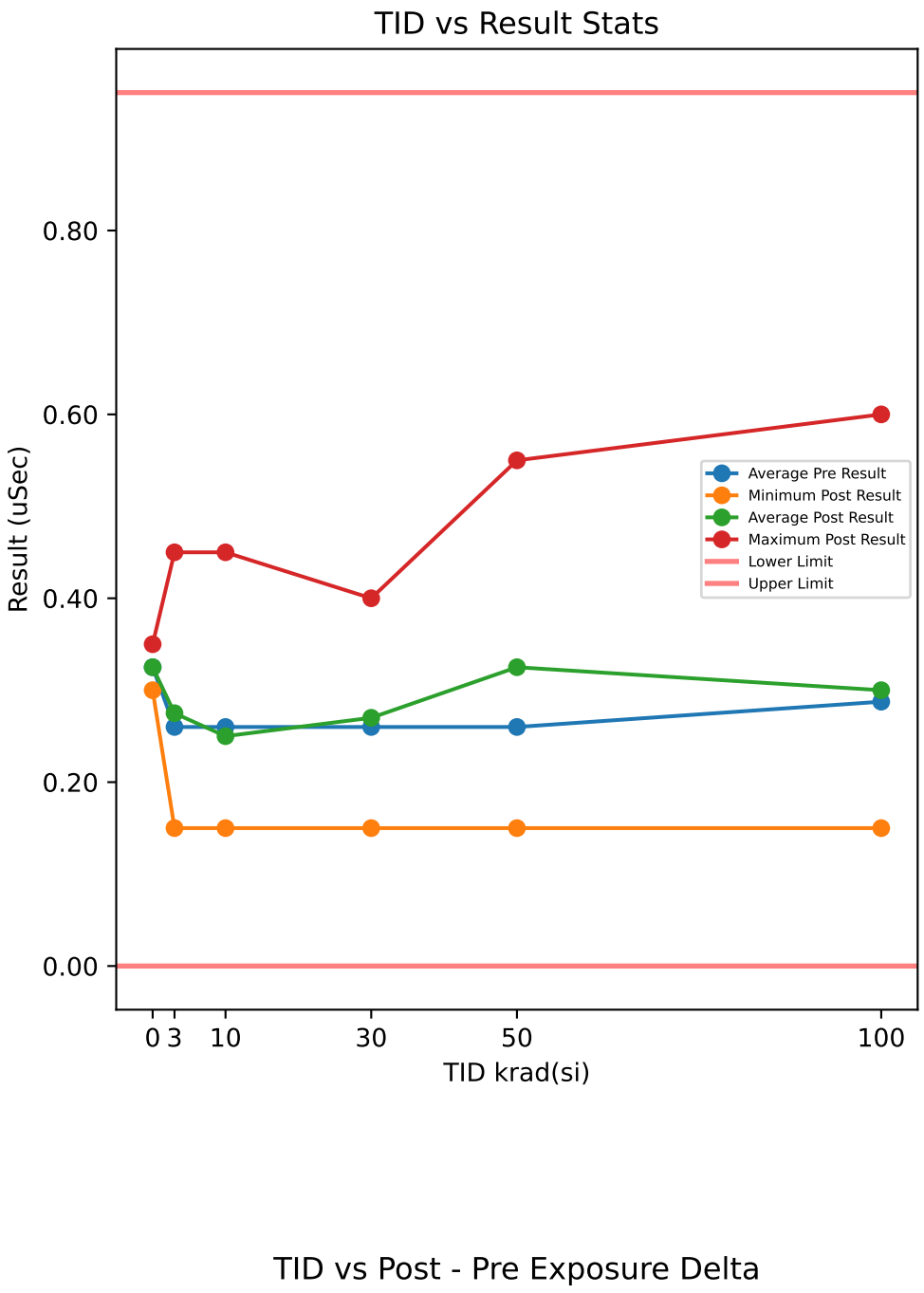
Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

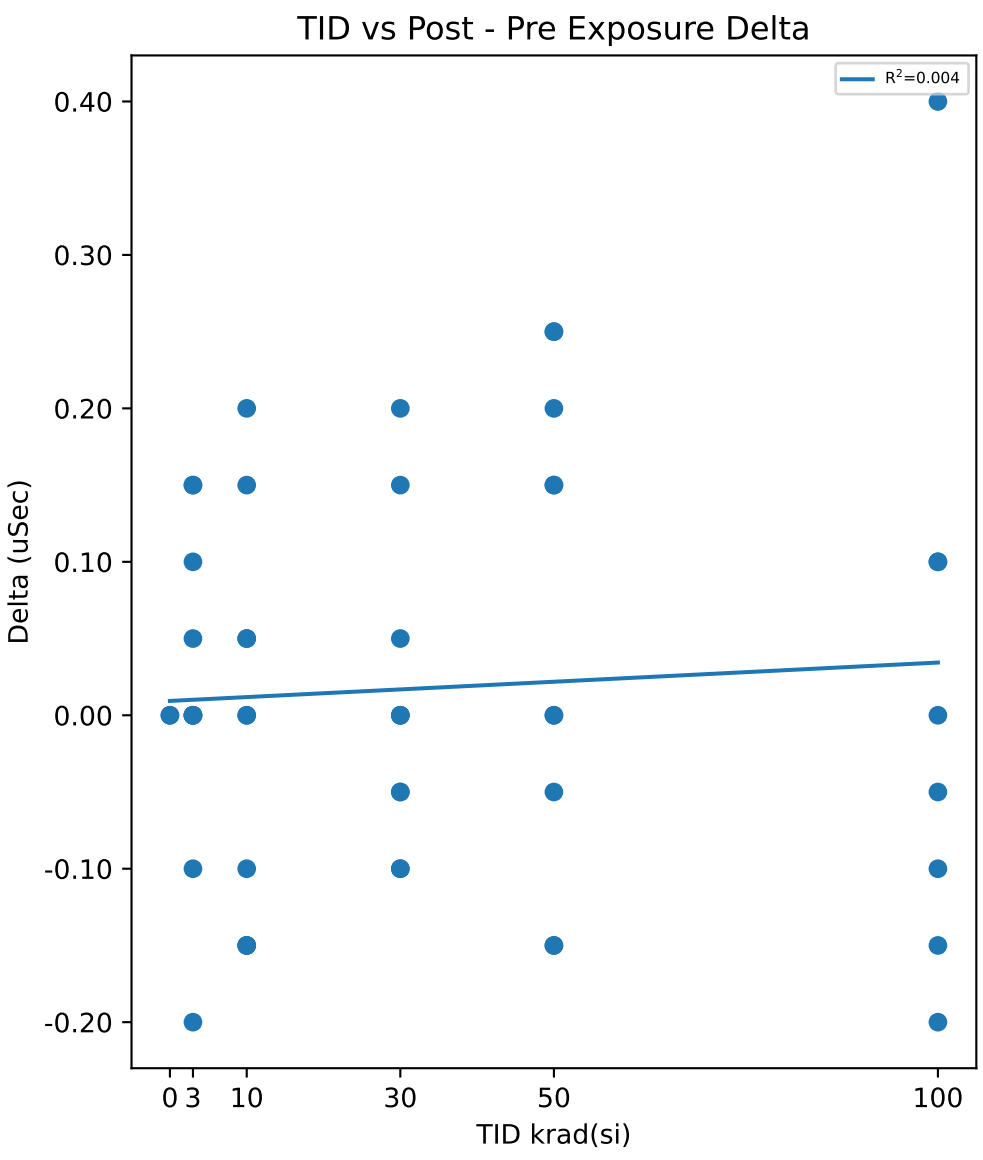
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.85	0.85	0
7	0	Correlation	0.8	0.8	0
16	3	LDR-Biased	0.8	0.9	0.1
18	3	LDR-Biased	0.75	0.7	-0.05
19	3	LDR-Biased	0.85	0.7	-0.15
20	3	LDR-Biased	0.8	0.7	-0.1
21	3	LDR-Biased	0.7	0.8	0.1
22	3	LDR-Unbiased	0.8	0.75	-0.05
23	3	LDR-Unbiased	0.95	1	0.05
25	3	LDR-Unbiased	0.8	0.8	0
26	3	LDR-Unbiased	0.75	0.7	-0.05
27	3	LDR-Unbiased	0.8	0.8	0
46	10	LDR-Biased	0.8	0.85	0.05
48	10	LDR-Biased	0.75	0.9	0.15
49	10	LDR-Biased	0.85	0.9	0.05
50	10	LDR-Biased	0.8	0.75	-0.05
51	10	LDR-Biased	0.7	0.8	0.1
52	10	LDR-Unbiased	0.8	0.8	0
53	10	LDR-Unbiased	0.95	1	0.05
55	10	LDR-Unbiased	0.8	0.6	-0.2
56	10	LDR-Unbiased	0.75	0.7	-0.05
57	10	LDR-Unbiased	0.8	0.65	-0.15
76	30	LDR-Biased	0.8	0.9	0.1
78	30	LDR-Biased	0.75	0.8	0.05
79	30	LDR-Biased	0.85	0.55	-0.3
80	30	LDR-Biased	0.8	1.05	0.25
81	30	LDR-Biased	0.7	0.7	0
82	30	LDR-Unbiased	0.8	0.85	0.05
83	30	LDR-Unbiased	0.95	0.85	-0.1
84	30	LDR-Unbiased	0.8	1.05	0.25
85	30	LDR-Unbiased	0.8	0.8	0
86	30	LDR-Unbiased	0.75	0.85	0.1
87	100	LDR-Biased	0.85	0.6	-0.25
88	100	LDR-Biased	0.7	0.65	-0.05
90	100	LDR-Biased	0.8	0.75	-0.05
91	100	LDR-Unbiased	0.9	0.85	-0.05
93	100	LDR-Unbiased	1	0.85	-0.15
94	100	LDR-Unbiased	0.7	0.65	-0.05
95	100	LDR-Unbiased	0.55	1	0.45
96	100	LDR-Unbiased	0.85	0.95	0.1
106	50	LDR-Biased	0.8	0.75	-0.05
108	50	LDR-Biased	0.75	0.85	0.1
109	50	LDR-Biased	0.85	0.75	-0.1
110	50	LDR-Biased	0.8	0.8	0
111	50	LDR-Biased	0.7	0.85	0.15
112	50	LDR-Unbiased	0.8	0.7	-0.1
113	50	LDR-Unbiased	0.95	0.7	-0.25
115	50	LDR-Unbiased	0.8	0.6	-0.2
116	50	LDR-Unbiased	0.75	1	0.25
117	50	LDR-Unbiased	0.8	1	0.2

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.8	0.825	0.85	0.035355	0.8	0.825	0.85	0.035355	0	0	0	0
3	0.7	0.8	0.95	0.066667	0.7	0.785	1	0.10014	-0.15	-0.015	0.1	0.08182
10	0.7	0.8	0.95	0.066667	0.6	0.795	1	0.12349	-0.2	-0.005	0.15	0.10916
30	0.7	0.8	0.95	0.066667	0.55	0.84	1.05	0.1487	-0.3	0.04	0.25	0.16125
50	0.7	0.8	0.95	0.066667	0.6	0.8	1	0.1291	-0.25	-2.2204e-17	0.25	0.16997
100	0.55	0.79375	1	0.13999	0.6	0.7875	1	0.1482	-0.25	-0.00625	0.45	0.20948

Device Test: 26.10 T_HOLD_FALL/SENSE2/3.3/3/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





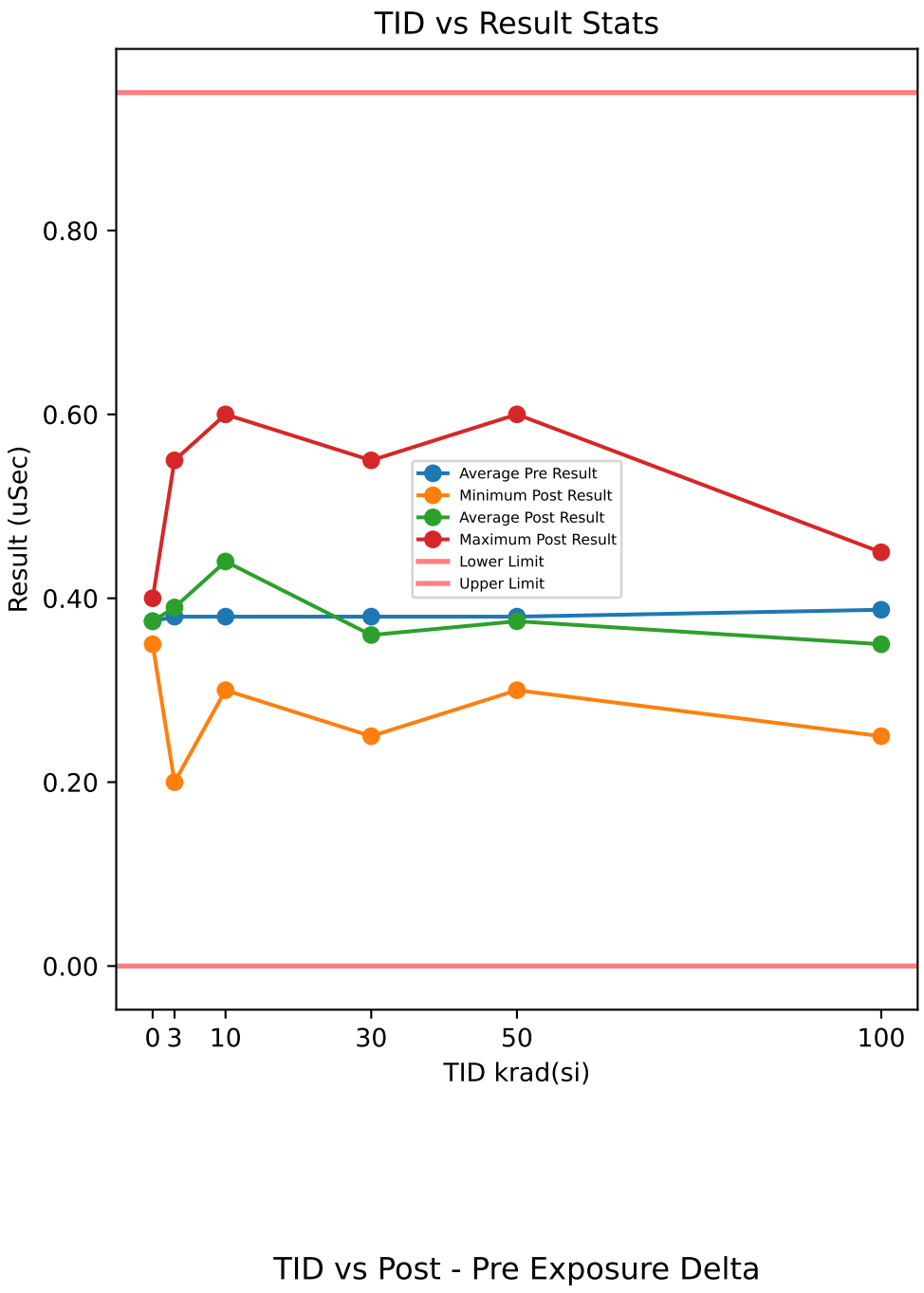
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.3	0.3	0
7	0	Correlation	0.35	0.35	0
16	3	LDR-Biased	0.25	0.25	0
18	3	LDR-Biased	0.25	0.35	0.1
19	3	LDR-Biased	0.3	0.3	0
20	3	LDR-Biased	0.3	0.2	-0.1
21	3	LDR-Biased	0.35	0.15	-0.2
22	3	LDR-Unbiased	0.15	0.2	0.05
23	3	LDR-Unbiased	0.3	0.45	0.15
25	3	LDR-Unbiased	0.15	0.3	0.15
26	3	LDR-Unbiased	0.25	0.25	0
27	3	LDR-Unbiased	0.3	0.3	0
46	10	LDR-Biased	0.25	0.45	0.2
48	10	LDR-Biased	0.25	0.25	0
49	10	LDR-Biased	0.3	0.15	-0.15
50	10	LDR-Biased	0.3	0.15	-0.15
51	10	LDR-Biased	0.35	0.2	-0.15
52	10	LDR-Unbiased	0.15	0.2	0.05
53	10	LDR-Unbiased	0.3	0.2	-0.1
55	10	LDR-Unbiased	0.15	0.2	0.05
56	10	LDR-Unbiased	0.25	0.25	0
57	10	LDR-Unbiased	0.3	0.45	0.15
76	30	LDR-Biased	0.25	0.15	-0.1
78	30	LDR-Biased	0.25	0.25	0
79	30	LDR-Biased	0.3	0.25	-0.05
80	30	LDR-Biased	0.3	0.3	0
81	30	LDR-Biased	0.35	0.3	-0.05
82	30	LDR-Unbiased	0.15	0.35	0.2
83	30	LDR-Unbiased	0.3	0.35	0.05
84	30	LDR-Unbiased	0.3	0.2	-0.1
85	30	LDR-Unbiased	0.15	0.15	0
86	30	LDR-Unbiased	0.25	0.4	0.15
87	100	LDR-Biased	0.3	0.3	0
88	100	LDR-Biased	0.2	0.3	0.1
90	100	LDR-Biased	0.25	0.15	-0.1
91	100	LDR-Unbiased	0.2	0.15	-0.05
93	100	LDR-Unbiased	0.45	0.25	-0.2
94	100	LDR-Unbiased	0.3	0.4	0.1
95	100	LDR-Unbiased	0.2	0.6	0.4
96	100	LDR-Unbiased	0.4	0.25	-0.15
106	50	LDR-Biased	0.25	0.4	0.15
108	50	LDR-Biased	0.25	0.2	-0.05
109	50	LDR-Biased	0.3	0.3	0
110	50	LDR-Biased	0.3	0.15	-0.15
111	50	LDR-Biased	0.35	0.35	0
112	50	LDR-Unbiased	0.15	0.3	0.15
113	50	LDR-Unbiased	0.3	0.55	0.25
115	50	LDR-Unbiased	0.15	0.4	0.25
116	50	LDR-Unbiased	0.25	0.45	0.2
117	50	LDR-Unbiased	0.3	0.15	-0.15

Test Statistics (uSec)

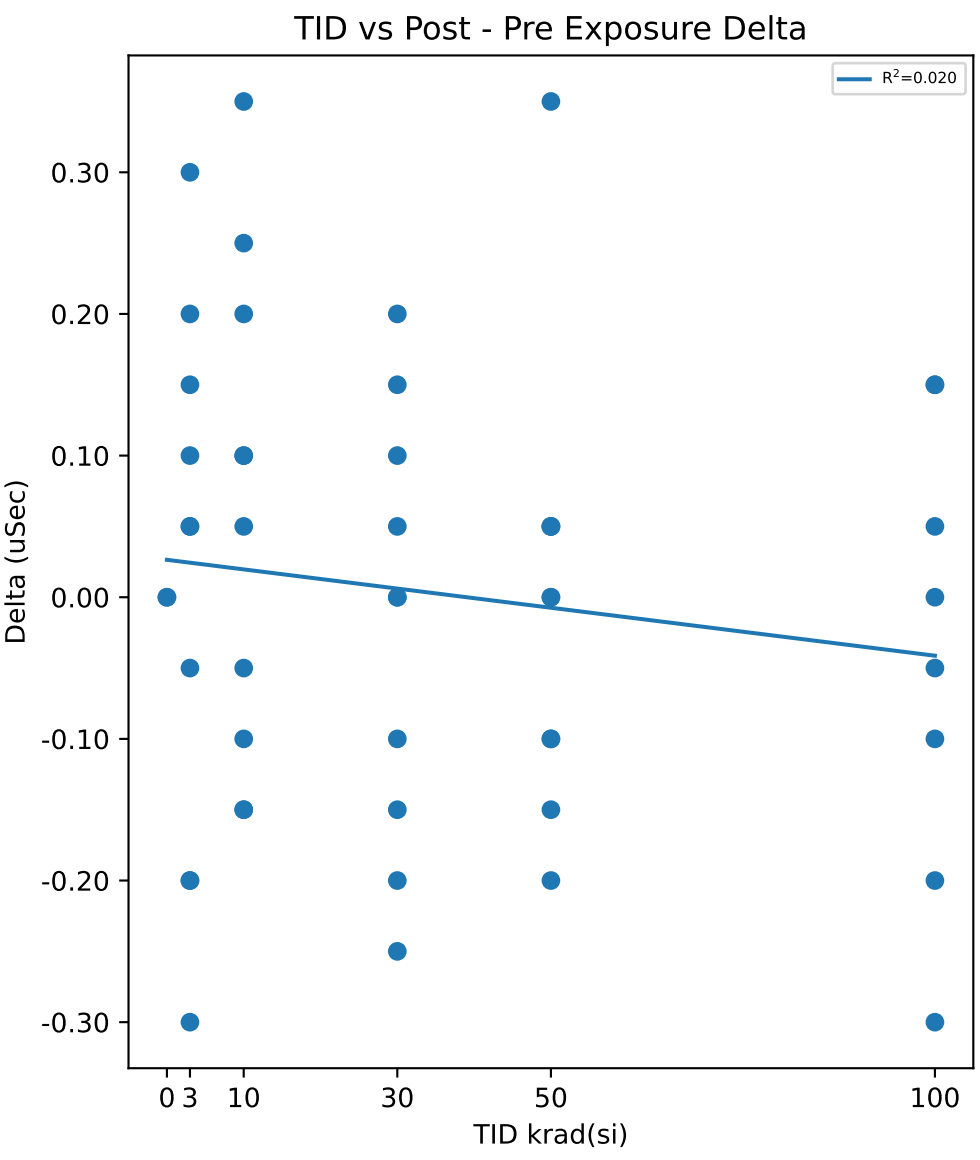
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.3	0.325	0.35	0.035355	0.3	0.325	0.35	0.035355	0	0	0	0
3	0.15	0.26	0.35	0.065828	0.15	0.275	0.45	0.085797	-0.2	0.015	0.15	0.10814
10	0.15	0.26	0.35	0.065828	0.15	0.25	0.45	0.11055	-0.15	-0.01	0.2	0.12649
30	0.15	0.26	0.35	0.065828	0.15	0.27	0.4	0.085635	-0.1	0.01	0.2	0.099443
50	0.15	0.26	0.35	0.065828	0.15	0.325	0.55	0.13176	-0.15	0.065	0.25	0.15465
100	0.2	0.2875	0.45	0.095431	0.15	0.3	0.6	0.14639	-0.2	0.0125	0.4	0.19039

Device Test: 26.11 T_HOLD_FALL/SENSE3/3.3/3/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ



Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

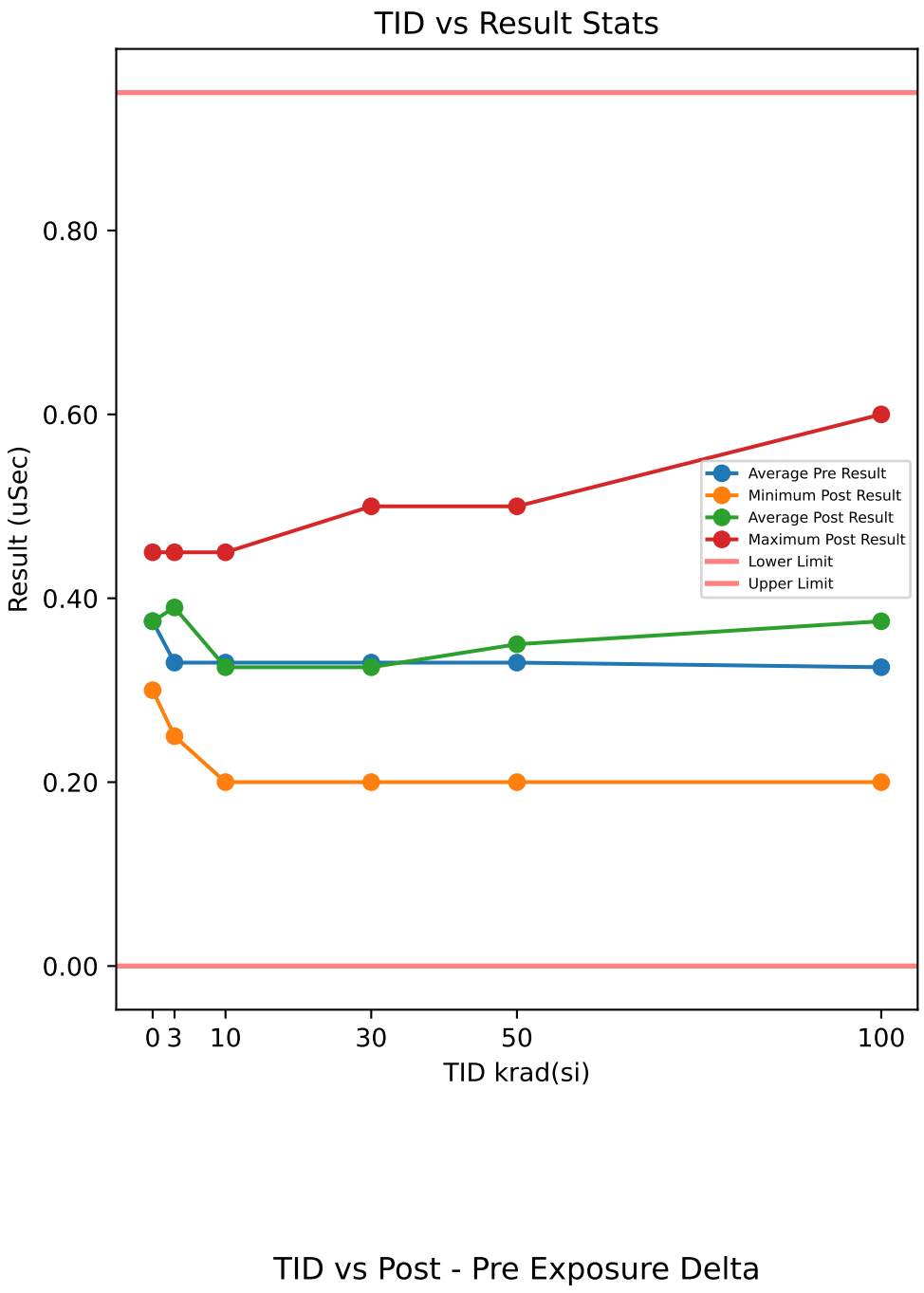
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.4	0.4	0
7	0	Correlation	0.35	0.35	0
16	3	LDR-Biased	0.35	0.55	0.2
18	3	LDR-Biased	0.25	0.3	0.05
19	3	LDR-Biased	0.25	0.35	0.1
20	3	LDR-Biased	0.35	0.4	0.05
21	3	LDR-Biased	0.45	0.25	-0.2
22	3	LDR-Unbiased	0.5	0.2	-0.3
23	3	LDR-Unbiased	0.5	0.3	-0.2
25	3	LDR-Unbiased	0.25	0.55	0.3
26	3	LDR-Unbiased	0.35	0.5	0.15
27	3	LDR-Unbiased	0.55	0.5	-0.05
46	10	LDR-Biased	0.35	0.6	0.25
48	10	LDR-Biased	0.25	0.45	0.2
49	10	LDR-Biased	0.25	0.3	0.05
50	10	LDR-Biased	0.35	0.45	0.1
51	10	LDR-Biased	0.45	0.3	-0.15
52	10	LDR-Unbiased	0.5	0.4	-0.1
53	10	LDR-Unbiased	0.5	0.45	-0.05
55	10	LDR-Unbiased	0.25	0.6	0.35
56	10	LDR-Unbiased	0.35	0.45	0.1
57	10	LDR-Unbiased	0.55	0.4	-0.15
76	30	LDR-Biased	0.35	0.55	0.2
78	30	LDR-Biased	0.25	0.3	0.05
79	30	LDR-Biased	0.25	0.35	0.1
80	30	LDR-Biased	0.35	0.25	-0.1
81	30	LDR-Biased	0.45	0.3	-0.15
82	30	LDR-Unbiased	0.5	0.5	0
83	30	LDR-Unbiased	0.5	0.25	-0.25
84	30	LDR-Unbiased	0.55	0.35	-0.2
85	30	LDR-Unbiased	0.25	0.25	0
86	30	LDR-Unbiased	0.35	0.5	0.15
87	100	LDR-Biased	0.3	0.45	0.15
88	100	LDR-Biased	0.35	0.3	-0.05
90	100	LDR-Biased	0.3	0.45	0.15
91	100	LDR-Unbiased	0.6	0.3	-0.3
93	100	LDR-Unbiased	0.4	0.4	0
94	100	LDR-Unbiased	0.35	0.25	-0.1
95	100	LDR-Unbiased	0.45	0.25	-0.2
96	100	LDR-Unbiased	0.35	0.4	0.05
106	50	LDR-Biased	0.35	0.35	0
108	50	LDR-Biased	0.25	0.3	0.05
109	50	LDR-Biased	0.25	0.6	0.35
110	50	LDR-Biased	0.35	0.35	0
111	50	LDR-Biased	0.45	0.35	-0.1
112	50	LDR-Unbiased	0.5	0.35	-0.15
113	50	LDR-Unbiased	0.5	0.3	-0.2
115	50	LDR-Unbiased	0.25	0.3	0.05
116	50	LDR-Unbiased	0.35	0.4	0.05
117	50	LDR-Unbiased	0.55	0.45	-0.1

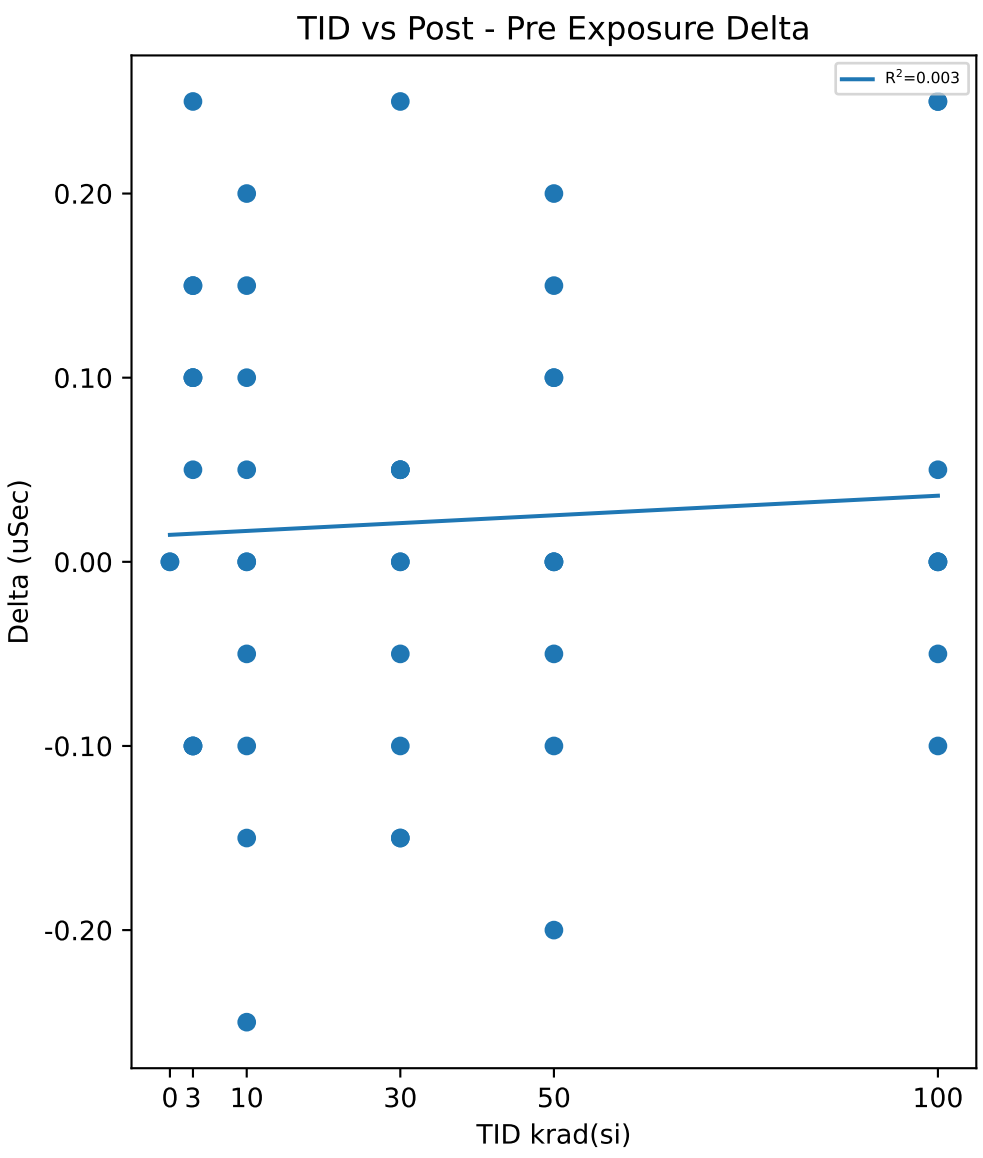


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.35	0.375	0.4	0.035355	0.35	0.375	0.4	0.035355	0	0	0	0
3	0.25	0.38	0.55	0.11353	0.2	0.39	0.55	0.12867	-0.3	0.01	0.3	0.19408
10	0.25	0.38	0.55	0.11353	0.3	0.44	0.6	0.1022	-0.15	0.06	0.35	0.17288
30	0.25	0.38	0.55	0.11353	0.25	0.36	0.55	0.11499	-0.25	-0.02	0.2	0.15129
50	0.25	0.38	0.55	0.11353	0.3	0.375	0.6	0.092045	-0.2	-0.005	0.35	0.15357
100	0.3	0.3875	0.6	0.099103	0.25	0.35	0.45	0.084515	-0.3	-0.0375	0.15	0.1598

Device Test: 26.12 T_HOLD_FALL/SENSE4/3.3/3/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





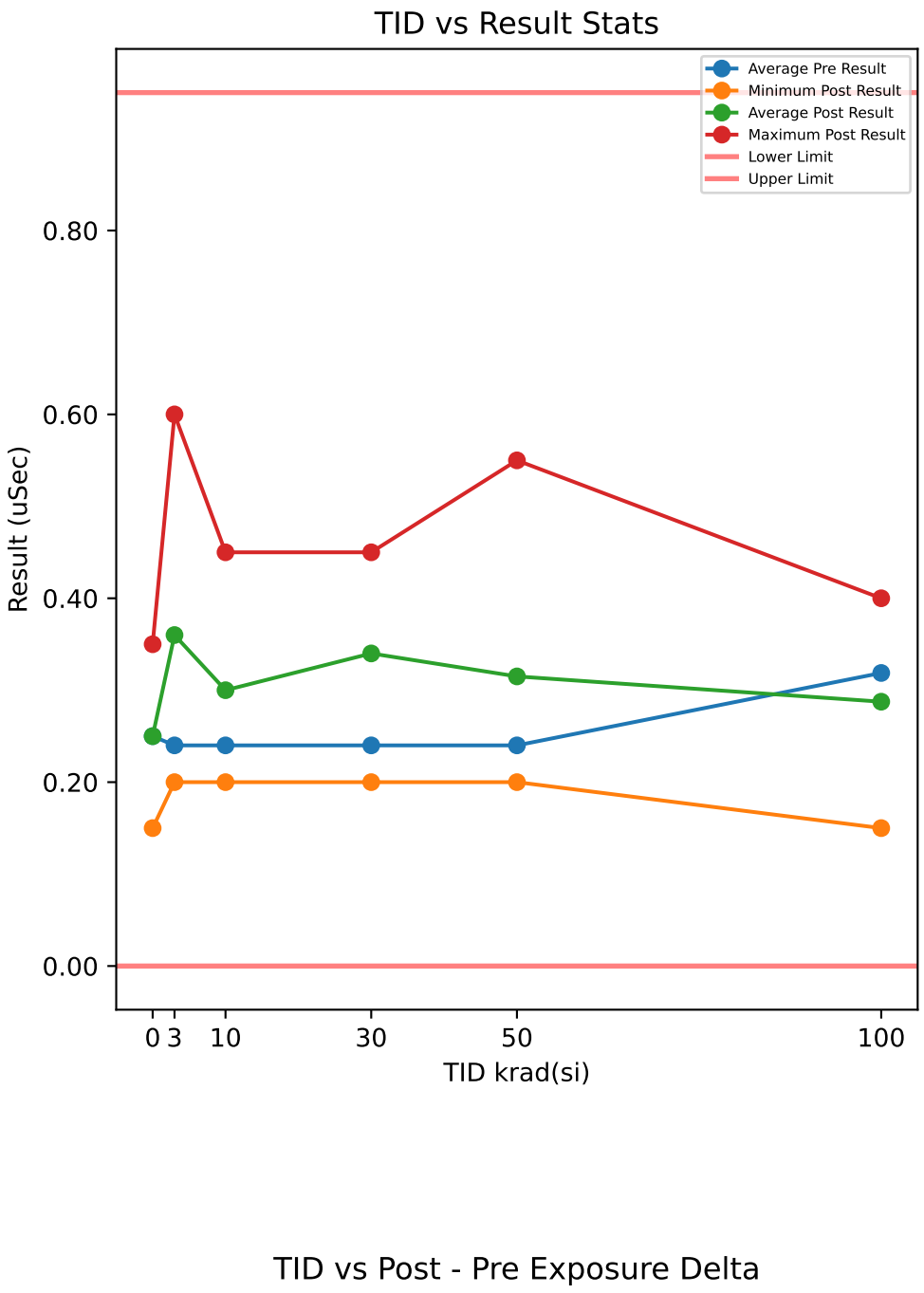
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

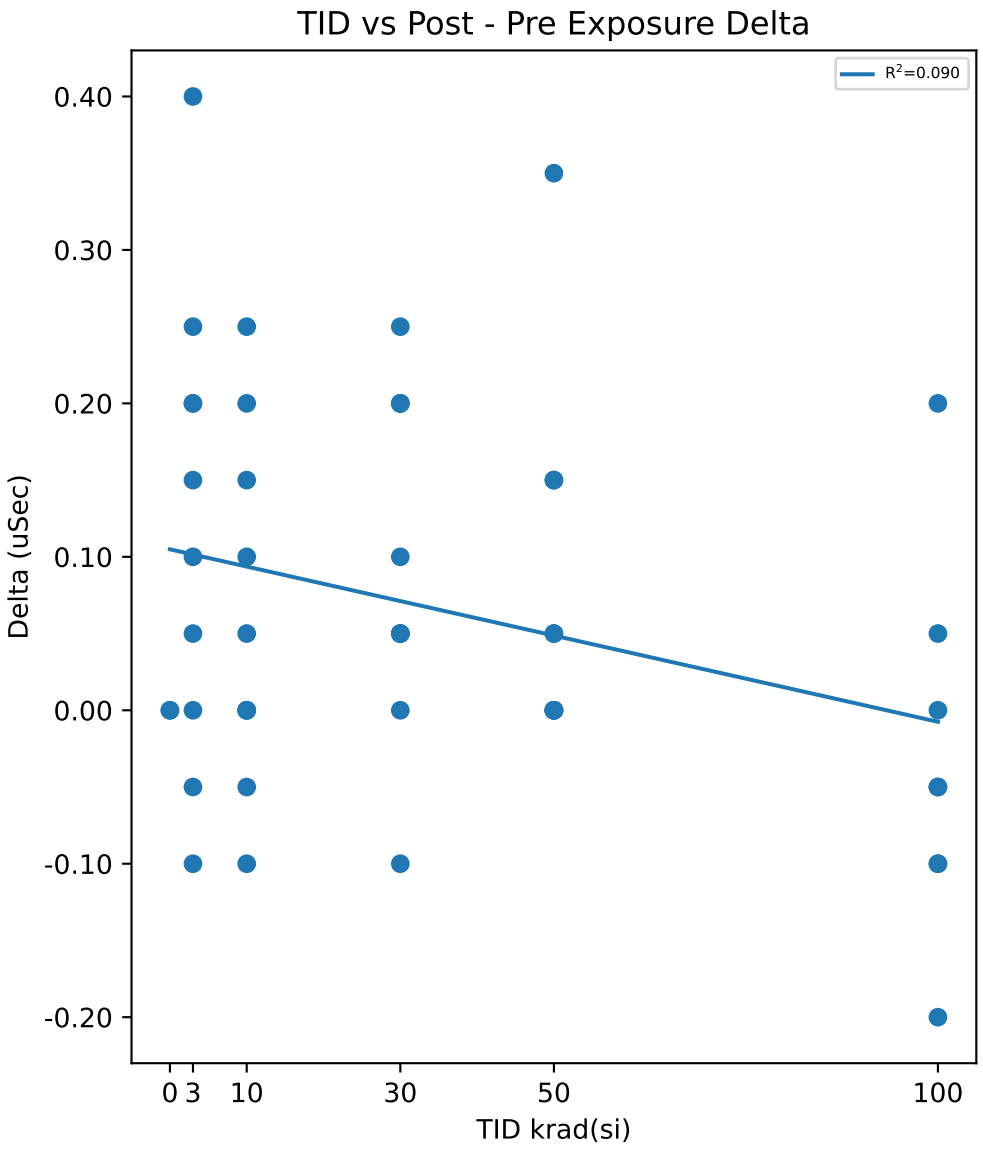
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.45	0.45	0
7	0	Correlation	0.3	0.3	0
16	3	LDR-Biased	0.35	0.25	-0.1
18	3	LDR-Biased	0.55	0.45	-0.1
19	3	LDR-Biased	0.2	0.3	0.1
20	3	LDR-Biased	0.3	0.4	0.1
21	3	LDR-Biased	0.3	0.4	0.1
22	3	LDR-Unbiased	0.2	0.45	0.25
23	3	LDR-Unbiased	0.3	0.45	0.15
25	3	LDR-Unbiased	0.25	0.4	0.15
26	3	LDR-Unbiased	0.35	0.4	0.05
27	3	LDR-Unbiased	0.5	0.4	-0.1
46	10	LDR-Biased	0.35	0.3	-0.05
48	10	LDR-Biased	0.55	0.4	-0.15
49	10	LDR-Biased	0.2	0.4	0.2
50	10	LDR-Biased	0.3	0.3	0
51	10	LDR-Biased	0.3	0.45	0.15
52	10	LDR-Unbiased	0.2	0.2	0
53	10	LDR-Unbiased	0.3	0.4	0.1
55	10	LDR-Unbiased	0.25	0.3	0.05
56	10	LDR-Unbiased	0.35	0.25	-0.1
57	10	LDR-Unbiased	0.5	0.25	-0.25
76	30	LDR-Biased	0.35	0.2	-0.15
78	30	LDR-Biased	0.55	0.45	-0.1
79	30	LDR-Biased	0.2	0.25	0.05
80	30	LDR-Biased	0.3	0.3	0
81	30	LDR-Biased	0.3	0.25	-0.05
82	30	LDR-Unbiased	0.2	0.25	0.05
83	30	LDR-Unbiased	0.3	0.3	0
84	30	LDR-Unbiased	0.5	0.35	-0.15
85	30	LDR-Unbiased	0.25	0.5	0.25
86	30	LDR-Unbiased	0.35	0.4	0.05
87	100	LDR-Biased	0.35	0.6	0.25
88	100	LDR-Biased	0.35	0.35	0
90	100	LDR-Biased	0.4	0.4	0
91	100	LDR-Unbiased	0.2	0.2	0
93	100	LDR-Unbiased	0.3	0.25	-0.05
94	100	LDR-Unbiased	0.3	0.55	0.25
95	100	LDR-Unbiased	0.3	0.35	0.05
96	100	LDR-Unbiased	0.4	0.3	-0.1
106	50	LDR-Biased	0.35	0.25	-0.1
108	50	LDR-Biased	0.55	0.5	-0.05
109	50	LDR-Biased	0.2	0.3	0.1
110	50	LDR-Biased	0.3	0.45	0.15
111	50	LDR-Biased	0.3	0.5	0.2
112	50	LDR-Unbiased	0.2	0.2	0
113	50	LDR-Unbiased	0.3	0.4	0.1
115	50	LDR-Unbiased	0.25	0.25	0
116	50	LDR-Unbiased	0.35	0.35	0
117	50	LDR-Unbiased	0.5	0.3	-0.2

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.3	0.375	0.45	0.10607	0.3	0.375	0.45	0.10607	0	0	0	0
3	0.2	0.33	0.55	0.11595	0.25	0.39	0.45	0.065828	-0.1	0.06	0.25	0.12202
10	0.2	0.33	0.55	0.11595	0.2	0.325	0.45	0.082496	-0.25	-0.005	0.2	0.13834
30	0.2	0.33	0.55	0.11595	0.2	0.325	0.5	0.097895	-0.15	-0.005	0.25	0.11891
50	0.2	0.33	0.55	0.11595	0.2	0.35	0.5	0.10801	-0.2	0.02	0.2	0.12065
100	0.2	0.325	0.4	0.065465	0.2	0.375	0.6	0.13887	-0.1	0.05	0.25	0.13093

Device Test: 26.13 T_HOLD_FALL/SENSE1/3.3/14/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





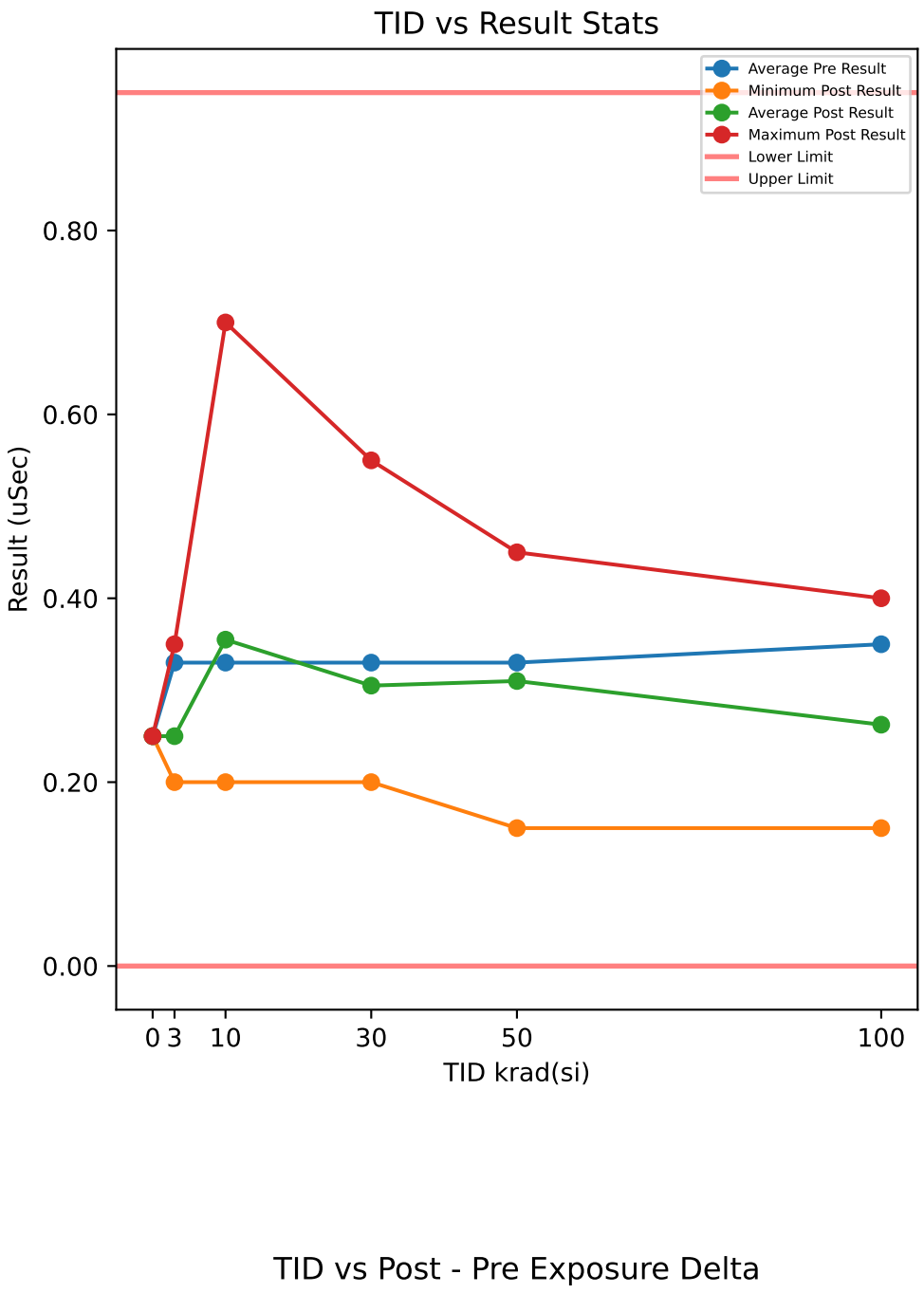
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

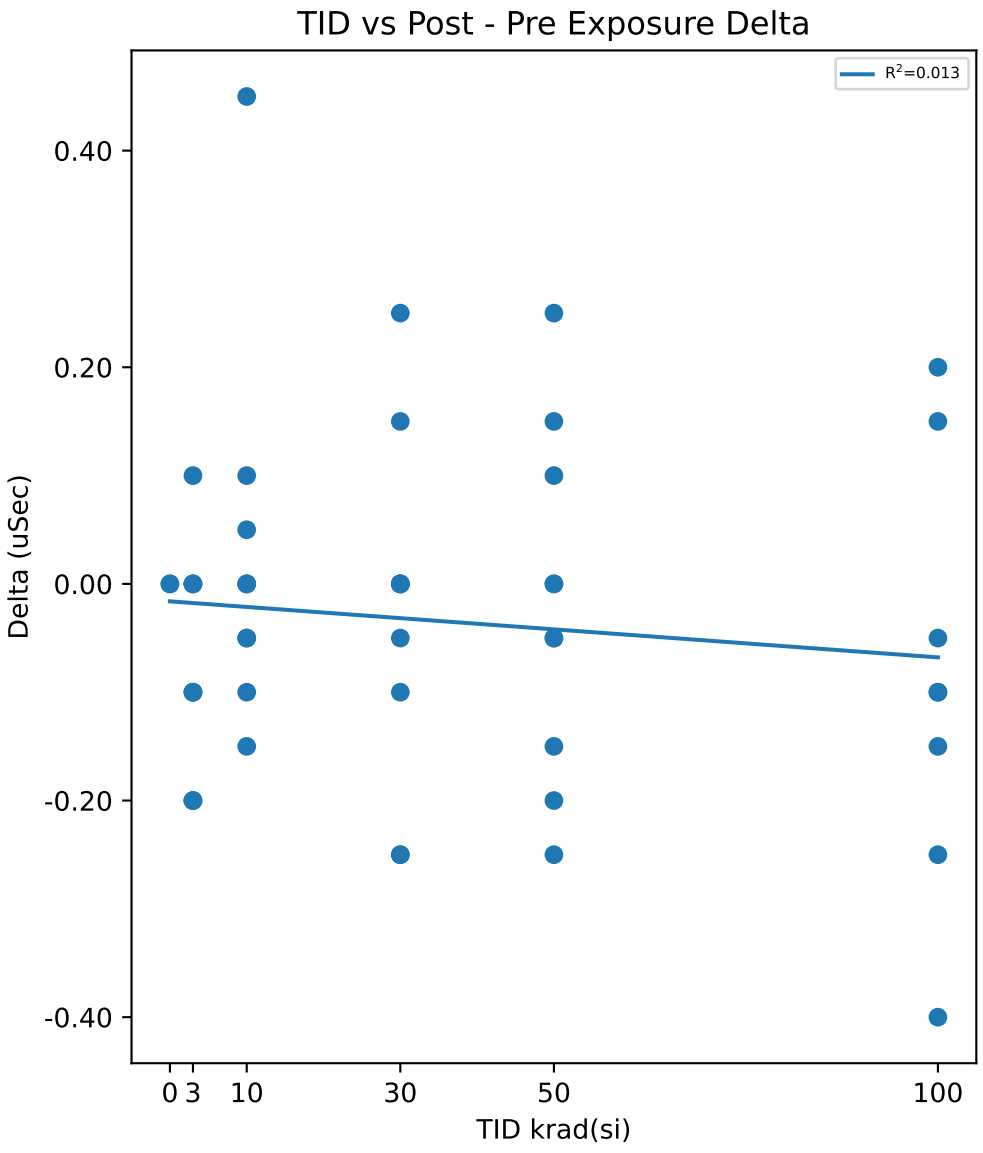
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.35	0.35	0
7	0	Correlation	0.15	0.15	0
16	3	LDR-Biased	0.2	0.45	0.25
18	3	LDR-Biased	0.25	0.45	0.2
19	3	LDR-Biased	0.2	0.4	0.2
20	3	LDR-Biased	0.25	0.25	0
21	3	LDR-Biased	0.3	0.2	-0.1
22	3	LDR-Unbiased	0.3	0.25	-0.05
23	3	LDR-Unbiased	0.2	0.6	0.4
25	3	LDR-Unbiased	0.3	0.35	0.05
26	3	LDR-Unbiased	0.2	0.35	0.15
27	3	LDR-Unbiased	0.2	0.3	0.1
46	10	LDR-Biased	0.2	0.2	0
48	10	LDR-Biased	0.25	0.25	0
49	10	LDR-Biased	0.2	0.25	0.05
50	10	LDR-Biased	0.25	0.35	0.1
51	10	LDR-Biased	0.3	0.25	-0.05
52	10	LDR-Unbiased	0.3	0.3	0
53	10	LDR-Unbiased	0.2	0.35	0.15
55	10	LDR-Unbiased	0.3	0.2	-0.1
56	10	LDR-Unbiased	0.2	0.4	0.2
57	10	LDR-Unbiased	0.2	0.45	0.25
76	30	LDR-Biased	0.2	0.25	0.05
78	30	LDR-Biased	0.25	0.45	0.2
79	30	LDR-Biased	0.2	0.4	0.2
80	30	LDR-Biased	0.25	0.3	0.05
81	30	LDR-Biased	0.3	0.35	0.05
82	30	LDR-Unbiased	0.3	0.2	-0.1
83	30	LDR-Unbiased	0.2	0.45	0.25
84	30	LDR-Unbiased	0.2	0.3	0.1
85	30	LDR-Unbiased	0.3	0.3	0
86	30	LDR-Unbiased	0.2	0.4	0.2
87	100	LDR-Biased	0.35	0.15	-0.2
88	100	LDR-Biased	0.4	0.35	-0.05
90	100	LDR-Biased	0.45	0.35	-0.1
91	100	LDR-Unbiased	0.2	0.4	0.2
93	100	LDR-Unbiased	0.35	0.3	-0.05
94	100	LDR-Unbiased	0.25	0.3	0.05
95	100	LDR-Unbiased	0.2	0.2	0
96	100	LDR-Unbiased	0.35	0.25	-0.1
106	50	LDR-Biased	0.2	0.55	0.35
108	50	LDR-Biased	0.25	0.25	0
109	50	LDR-Biased	0.2	0.25	0.05
110	50	LDR-Biased	0.25	0.3	0.05
111	50	LDR-Biased	0.3	0.45	0.15
112	50	LDR-Unbiased	0.3	0.3	0
113	50	LDR-Unbiased	0.2	0.2	0
115	50	LDR-Unbiased	0.3	0.3	0
116	50	LDR-Unbiased	0.2	0.35	0.15
117	50	LDR-Unbiased	0.2	0.2	0

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.15	0.25	0.35	0.14142	0.15	0.25	0.35	0.14142	0	0	0	0
3	0.2	0.24	0.3	0.045947	0.2	0.36	0.6	0.11972	-0.1	0.12	0.4	0.15129
10	0.2	0.24	0.3	0.045947	0.2	0.3	0.45	0.084984	-0.1	0.06	0.25	0.11255
30	0.2	0.24	0.3	0.045947	0.2	0.34	0.45	0.084327	-0.1	0.1	0.25	0.11055
50	0.2	0.24	0.3	0.045947	0.2	0.315	0.55	0.11068	0	0.075	0.35	0.11365
100	0.2	0.31875	0.45	0.092341	0.15	0.2875	0.4	0.083452	-0.2	-0.03125	0.2	0.11934

Device Test: 26.14 T_HOLD_FALL/SENSE2/3.3/14/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





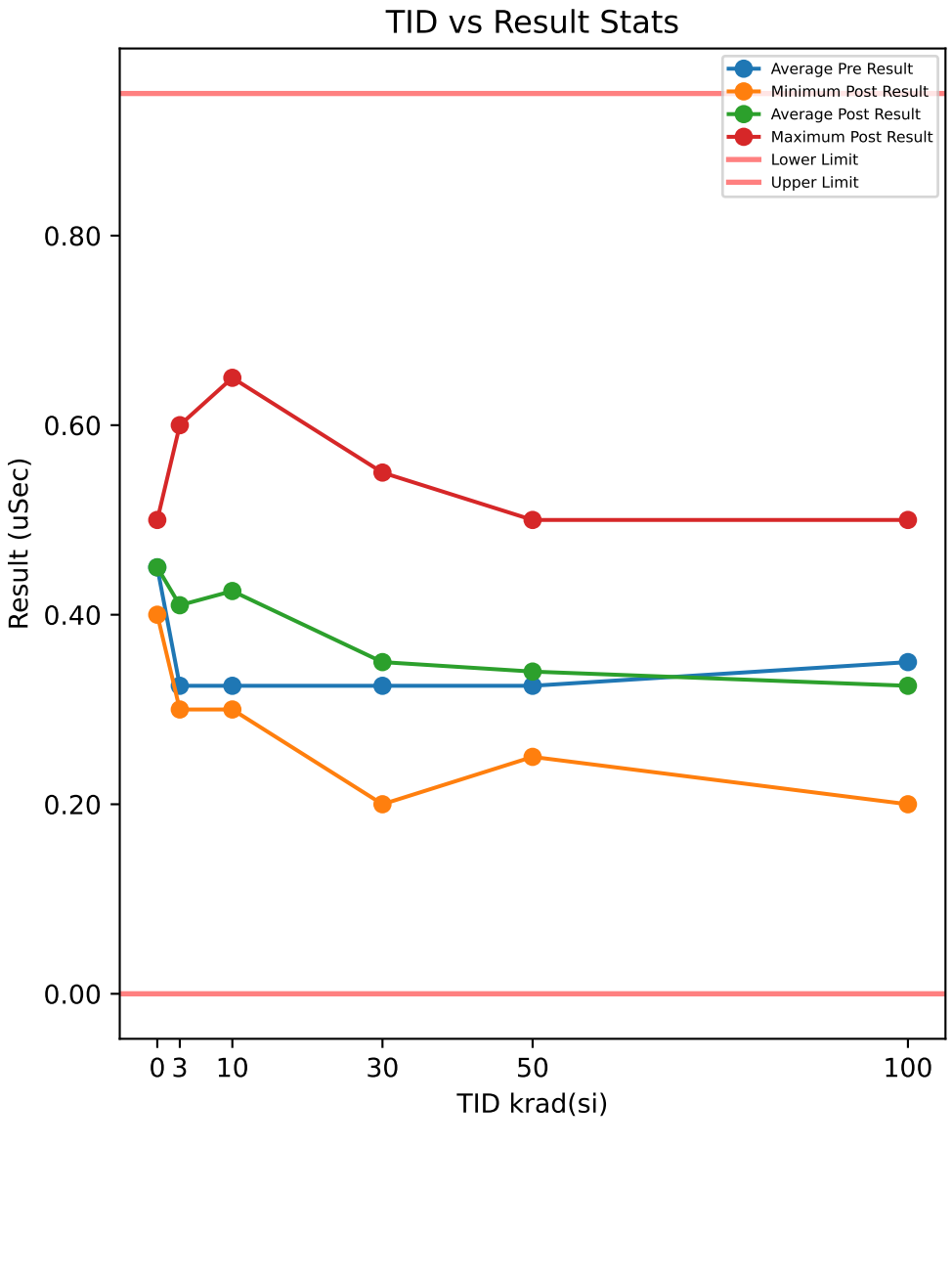
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

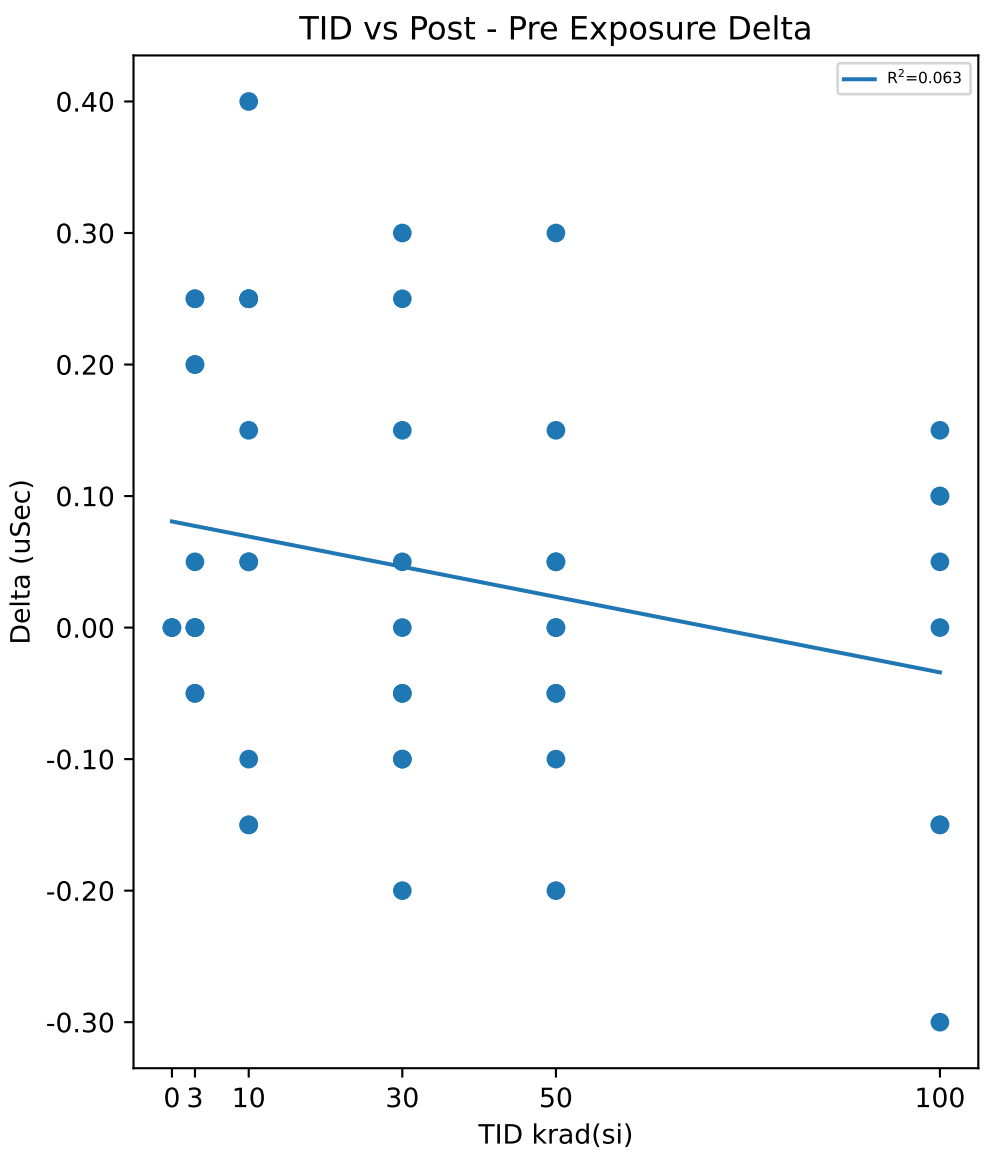
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.25	0.25	0
7	0	Correlation	0.25	0.25	0
16	3	LDR-Biased	0.35	0.25	-0.1
18	3	LDR-Biased	0.45	0.25	-0.2
19	3	LDR-Biased	0.2	0.2	0
20	3	LDR-Biased	0.5	0.3	-0.2
21	3	LDR-Biased	0.3	0.2	-0.1
22	3	LDR-Unbiased	0.25	0.25	0
23	3	LDR-Unbiased	0.3	0.2	-0.1
25	3	LDR-Unbiased	0.45	0.25	-0.2
26	3	LDR-Unbiased	0.25	0.35	0.1
27	3	LDR-Unbiased	0.25	0.25	0
46	10	LDR-Biased	0.35	0.4	0.05
48	10	LDR-Biased	0.45	0.4	-0.05
49	10	LDR-Biased	0.2	0.2	0
50	10	LDR-Biased	0.5	0.35	-0.15
51	10	LDR-Biased	0.3	0.3	0
52	10	LDR-Unbiased	0.25	0.35	0.1
53	10	LDR-Unbiased	0.3	0.2	-0.1
55	10	LDR-Unbiased	0.45	0.45	0
56	10	LDR-Unbiased	0.25	0.2	-0.05
57	10	LDR-Unbiased	0.25	0.7	0.45
76	30	LDR-Biased	0.35	0.3	-0.05
78	30	LDR-Biased	0.45	0.2	-0.25
79	30	LDR-Biased	0.2	0.35	0.15
80	30	LDR-Biased	0.5	0.25	-0.25
81	30	LDR-Biased	0.3	0.3	0
82	30	LDR-Unbiased	0.25	0.25	0
83	30	LDR-Unbiased	0.3	0.55	0.25
84	30	LDR-Unbiased	0.25	0.25	0
85	30	LDR-Unbiased	0.45	0.35	-0.1
86	30	LDR-Unbiased	0.25	0.25	0
87	100	LDR-Biased	0.45	0.2	-0.25
88	100	LDR-Biased	0.45	0.3	-0.15
90	100	LDR-Biased	0.65	0.25	-0.4
91	100	LDR-Unbiased	0.3	0.2	-0.1
93	100	LDR-Unbiased	0.35	0.3	-0.05
94	100	LDR-Unbiased	0.2	0.4	0.2
95	100	LDR-Unbiased	0.15	0.3	0.15
96	100	LDR-Unbiased	0.25	0.15	-0.1
106	50	LDR-Biased	0.35	0.15	-0.2
108	50	LDR-Biased	0.45	0.3	-0.15
109	50	LDR-Biased	0.2	0.45	0.25
110	50	LDR-Biased	0.5	0.25	-0.25
111	50	LDR-Biased	0.3	0.3	0
112	50	LDR-Unbiased	0.25	0.2	-0.05
113	50	LDR-Unbiased	0.3	0.4	0.1
115	50	LDR-Unbiased	0.45	0.4	-0.05
116	50	LDR-Unbiased	0.25	0.4	0.15
117	50	LDR-Unbiased	0.25	0.25	0

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.25	0.25	0.25	0	0.25	0.25	0.25	0	0	0	0	0
3	0.2	0.33	0.5	0.10328	0.2	0.25	0.35	0.04714	-0.2	-0.08	0.1	0.10328
10	0.2	0.33	0.5	0.10328	0.2	0.355	0.7	0.15175	-0.15	0.025	0.45	0.16541
30	0.2	0.33	0.5	0.10328	0.2	0.305	0.55	0.09846	-0.25	-0.025	0.25	0.15501
50	0.2	0.33	0.5	0.10328	0.15	0.31	0.45	0.099443	-0.25	-0.02	0.25	0.1567
100	0.15	0.35	0.65	0.16257	0.15	0.2625	0.4	0.079057	-0.4	-0.0875	0.2	0.19594

Device Test: 26.15 T_HOLD_FALL/SENSE3/3.3/14/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





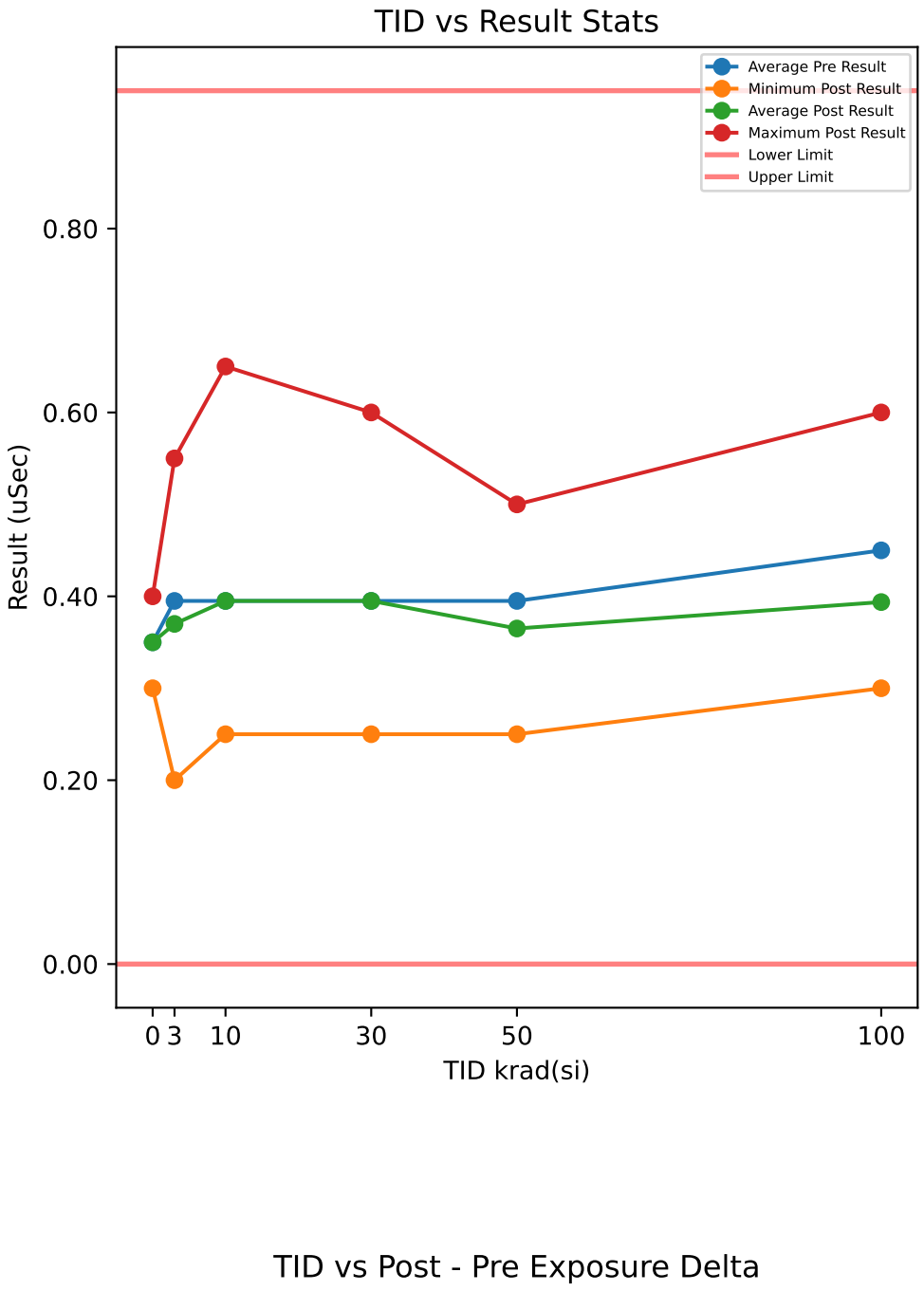
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

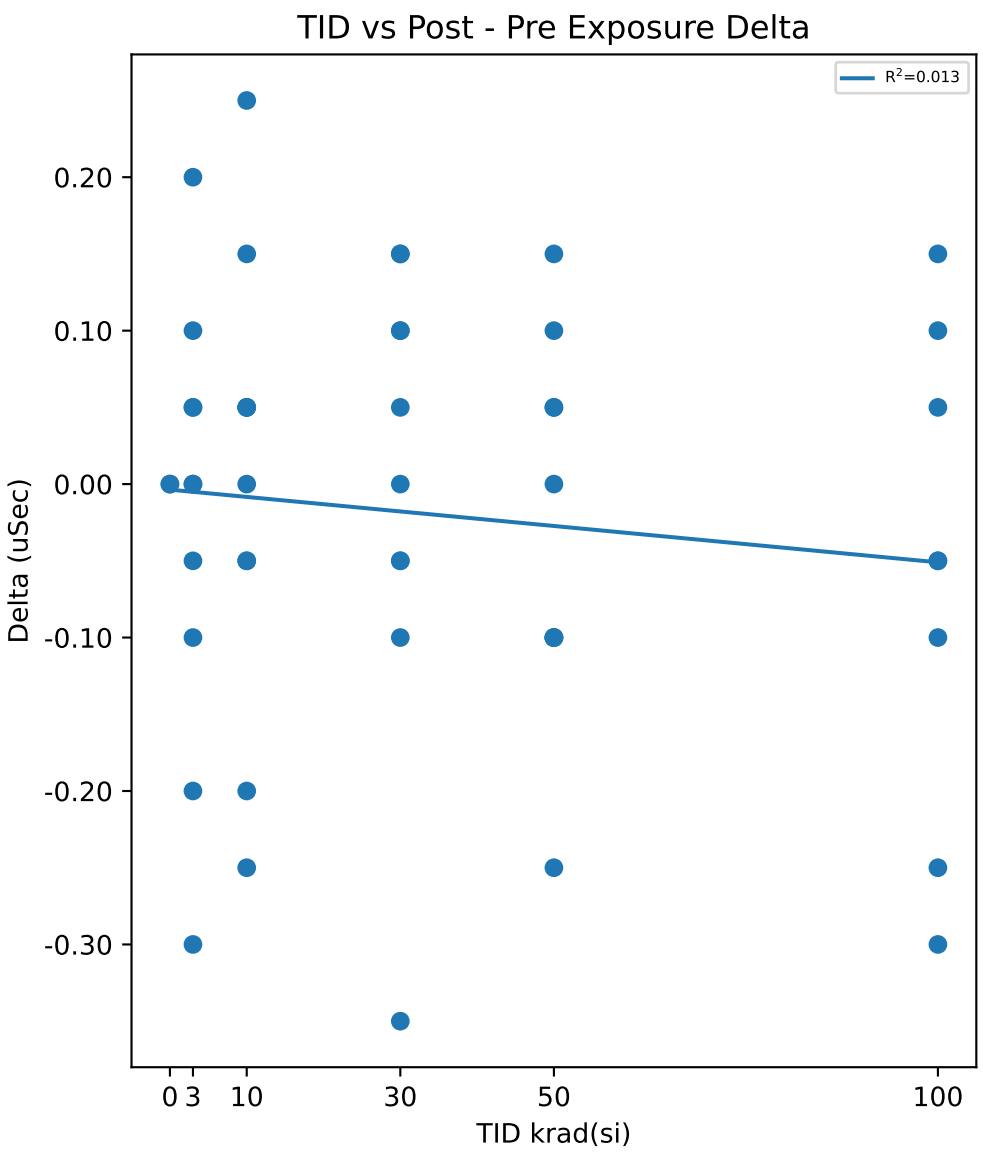
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.5	0.5	0
7	0	Correlation	0.4	0.4	0
16	3	LDR-Biased	0.35	0.6	0.25
18	3	LDR-Biased	0.45	0.4	-0.05
19	3	LDR-Biased	0.25	0.3	0.05
20	3	LDR-Biased	0.3	0.3	0
21	3	LDR-Biased	0.35	0.35	0
22	3	LDR-Unbiased	0.25	0.5	0.25
23	3	LDR-Unbiased	0.45	0.4	-0.05
25	3	LDR-Unbiased	0.25	0.45	0.2
26	3	LDR-Unbiased	0.2	0.4	0.2
27	3	LDR-Unbiased	0.4	0.4	0
46	10	LDR-Biased	0.35	0.4	0.05
48	10	LDR-Biased	0.45	0.3	-0.15
49	10	LDR-Biased	0.25	0.5	0.25
50	10	LDR-Biased	0.3	0.35	0.05
51	10	LDR-Biased	0.35	0.5	0.15
52	10	LDR-Unbiased	0.25	0.5	0.25
53	10	LDR-Unbiased	0.45	0.3	-0.15
55	10	LDR-Unbiased	0.25	0.65	0.4
56	10	LDR-Unbiased	0.2	0.45	0.25
57	10	LDR-Unbiased	0.4	0.3	-0.1
76	30	LDR-Biased	0.35	0.5	0.15
78	30	LDR-Biased	0.45	0.25	-0.2
79	30	LDR-Biased	0.25	0.55	0.3
80	30	LDR-Biased	0.3	0.2	-0.1
81	30	LDR-Biased	0.35	0.3	-0.05
82	30	LDR-Unbiased	0.25	0.5	0.25
83	30	LDR-Unbiased	0.45	0.4	-0.05
84	30	LDR-Unbiased	0.4	0.3	-0.1
85	30	LDR-Unbiased	0.25	0.25	0
86	30	LDR-Unbiased	0.2	0.25	0.05
87	100	LDR-Biased	0.3	0.4	0.1
88	100	LDR-Biased	0.5	0.2	-0.3
90	100	LDR-Biased	0.3	0.35	0.05
91	100	LDR-Unbiased	0.35	0.2	-0.15
93	100	LDR-Unbiased	0.3	0.4	0.1
94	100	LDR-Unbiased	0.35	0.5	0.15
95	100	LDR-Unbiased	0.45	0.3	-0.15
96	100	LDR-Unbiased	0.25	0.25	0
106	50	LDR-Biased	0.35	0.3	-0.05
108	50	LDR-Biased	0.45	0.25	-0.2
109	50	LDR-Biased	0.25	0.3	0.05
110	50	LDR-Biased	0.3	0.3	0
111	50	LDR-Biased	0.35	0.35	0
112	50	LDR-Unbiased	0.25	0.4	0.15
113	50	LDR-Unbiased	0.45	0.35	-0.1
115	50	LDR-Unbiased	0.25	0.3	0.05
116	50	LDR-Unbiased	0.2	0.5	0.3
117	50	LDR-Unbiased	0.4	0.35	-0.05

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4	0.45	0.5	0.070711	0.4	0.45	0.5	0.070711	0	0	0	0
3	0.2	0.325	0.45	0.088976	0.3	0.41	0.6	0.090676	-0.05	0.085	0.25	0.12483
10	0.2	0.325	0.45	0.088976	0.3	0.425	0.65	0.11607	-0.15	0.1	0.4	0.19149
30	0.2	0.325	0.45	0.088976	0.2	0.35	0.55	0.12693	-0.2	0.025	0.3	0.16202
50	0.2	0.325	0.45	0.088976	0.25	0.34	0.5	0.069921	-0.2	0.015	0.3	0.13754
100	0.25	0.35	0.5	0.084515	0.2	0.325	0.5	0.1069	-0.3	-0.025	0.15	0.15811

Device Test: 26.16 T_HOLD_FALL/SENSE4/3.3/14/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





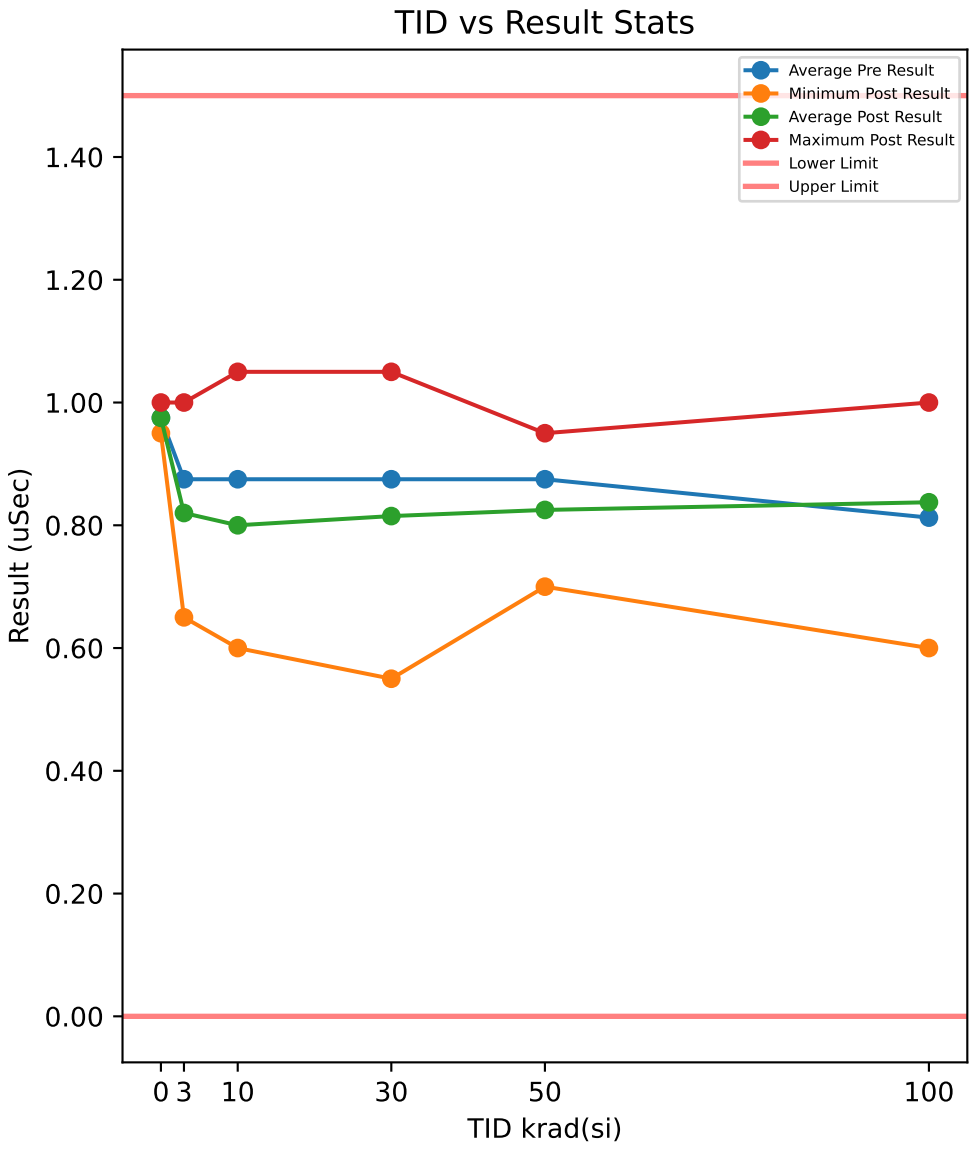
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

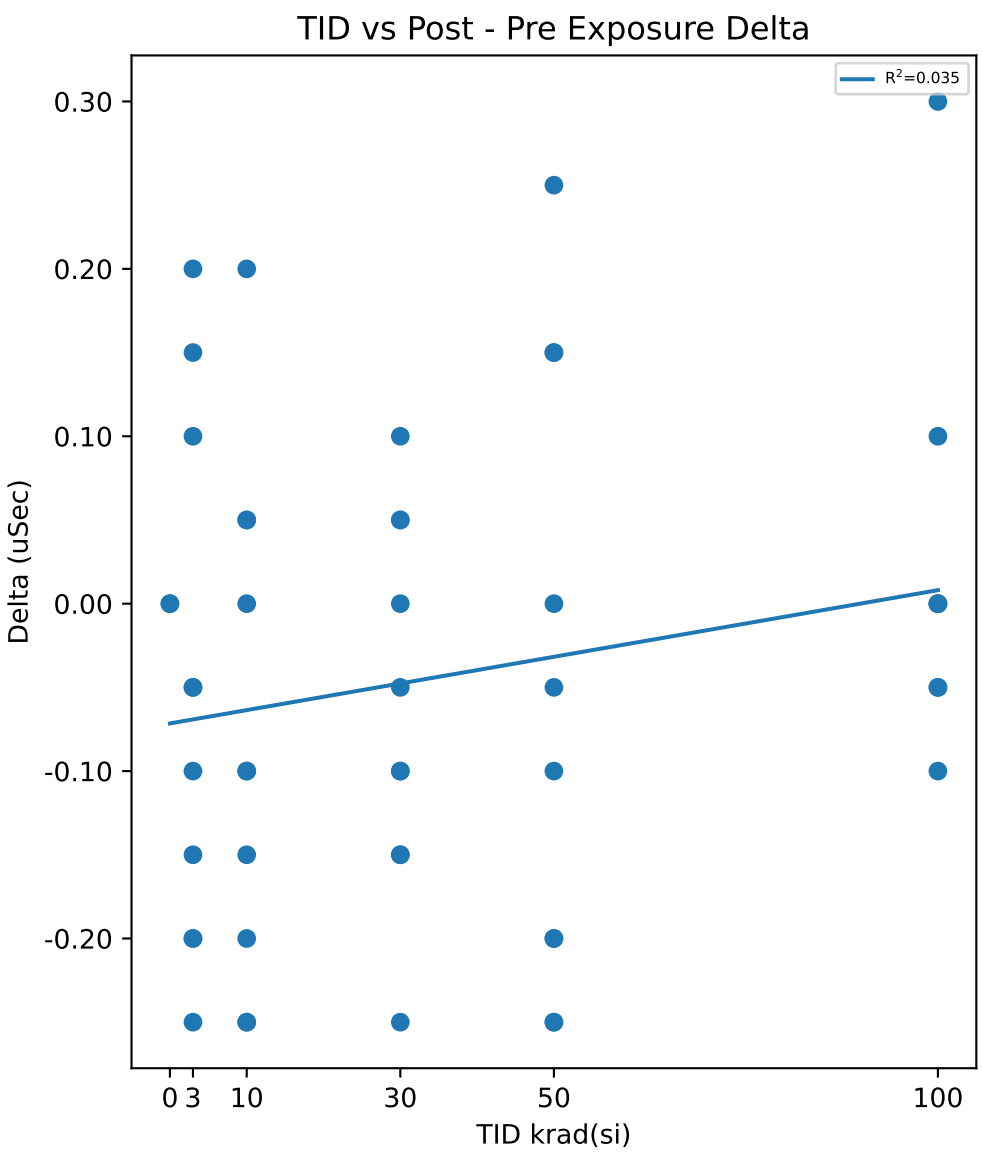
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.3	0.3	0
7	0	Correlation	0.4	0.4	0
16	3	LDR-Biased	0.3	0.35	0.05
18	3	LDR-Biased	0.5	0.2	-0.3
19	3	LDR-Biased	0.5	0.4	-0.1
20	3	LDR-Biased	0.35	0.55	0.2
21	3	LDR-Biased	0.6	0.4	-0.2
22	3	LDR-Unbiased	0.3	0.25	-0.05
23	3	LDR-Unbiased	0.35	0.4	0.05
25	3	LDR-Unbiased	0.25	0.35	0.1
26	3	LDR-Unbiased	0.4	0.4	0
27	3	LDR-Unbiased	0.4	0.4	0
46	10	LDR-Biased	0.3	0.35	0.05
48	10	LDR-Biased	0.5	0.3	-0.2
49	10	LDR-Biased	0.5	0.65	0.15
50	10	LDR-Biased	0.35	0.6	0.25
51	10	LDR-Biased	0.6	0.35	-0.25
52	10	LDR-Unbiased	0.3	0.35	0.05
53	10	LDR-Unbiased	0.35	0.3	-0.05
55	10	LDR-Unbiased	0.25	0.25	0
56	10	LDR-Unbiased	0.4	0.35	-0.05
57	10	LDR-Unbiased	0.4	0.45	0.05
76	30	LDR-Biased	0.3	0.35	0.05
78	30	LDR-Biased	0.5	0.6	0.1
79	30	LDR-Biased	0.5	0.45	-0.05
80	30	LDR-Biased	0.35	0.25	-0.1
81	30	LDR-Biased	0.6	0.25	-0.35
82	30	LDR-Unbiased	0.3	0.45	0.15
83	30	LDR-Unbiased	0.35	0.3	-0.05
84	30	LDR-Unbiased	0.4	0.5	0.1
85	30	LDR-Unbiased	0.25	0.25	0
86	30	LDR-Unbiased	0.4	0.55	0.15
87	100	LDR-Biased	0.35	0.3	-0.05
88	100	LDR-Biased	0.4	0.35	-0.05
90	100	LDR-Biased	0.5	0.6	0.1
91	100	LDR-Unbiased	0.45	0.35	-0.1
93	100	LDR-Unbiased	0.65	0.4	-0.25
94	100	LDR-Unbiased	0.65	0.35	-0.3
95	100	LDR-Unbiased	0.3	0.45	0.15
96	100	LDR-Unbiased	0.3	0.35	0.05
106	50	LDR-Biased	0.3	0.45	0.15
108	50	LDR-Biased	0.5	0.4	-0.1
109	50	LDR-Biased	0.5	0.25	-0.25
110	50	LDR-Biased	0.35	0.25	-0.1
111	50	LDR-Biased	0.6	0.5	-0.1
112	50	LDR-Unbiased	0.3	0.35	0.05
113	50	LDR-Unbiased	0.35	0.4	0.05
115	50	LDR-Unbiased	0.25	0.25	0
116	50	LDR-Unbiased	0.4	0.5	0.1
117	50	LDR-Unbiased	0.4	0.3	-0.1

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.3	0.35	0.4	0.070711	0.3	0.35	0.4	0.070711	0	0	0	0
3	0.25	0.395	0.6	0.10916	0.2	0.37	0.55	0.094868	-0.3	-0.025	0.2	0.14577
10	0.25	0.395	0.6	0.10916	0.25	0.395	0.65	0.13218	-0.25	-5.5511e-18	0.25	0.14907
30	0.25	0.395	0.6	0.10916	0.25	0.395	0.6	0.13218	-0.35	5.5511e-18	0.15	0.15092
50	0.25	0.395	0.6	0.10916	0.25	0.365	0.5	0.10014	-0.25	-0.03	0.15	0.12065
100	0.3	0.45	0.65	0.14142	0.3	0.39375	0.6	0.094255	-0.3	-0.05625	0.15	0.1591

Device Test: 26.2 T_HOLD_RISE/SENSE2/3.3/3/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ





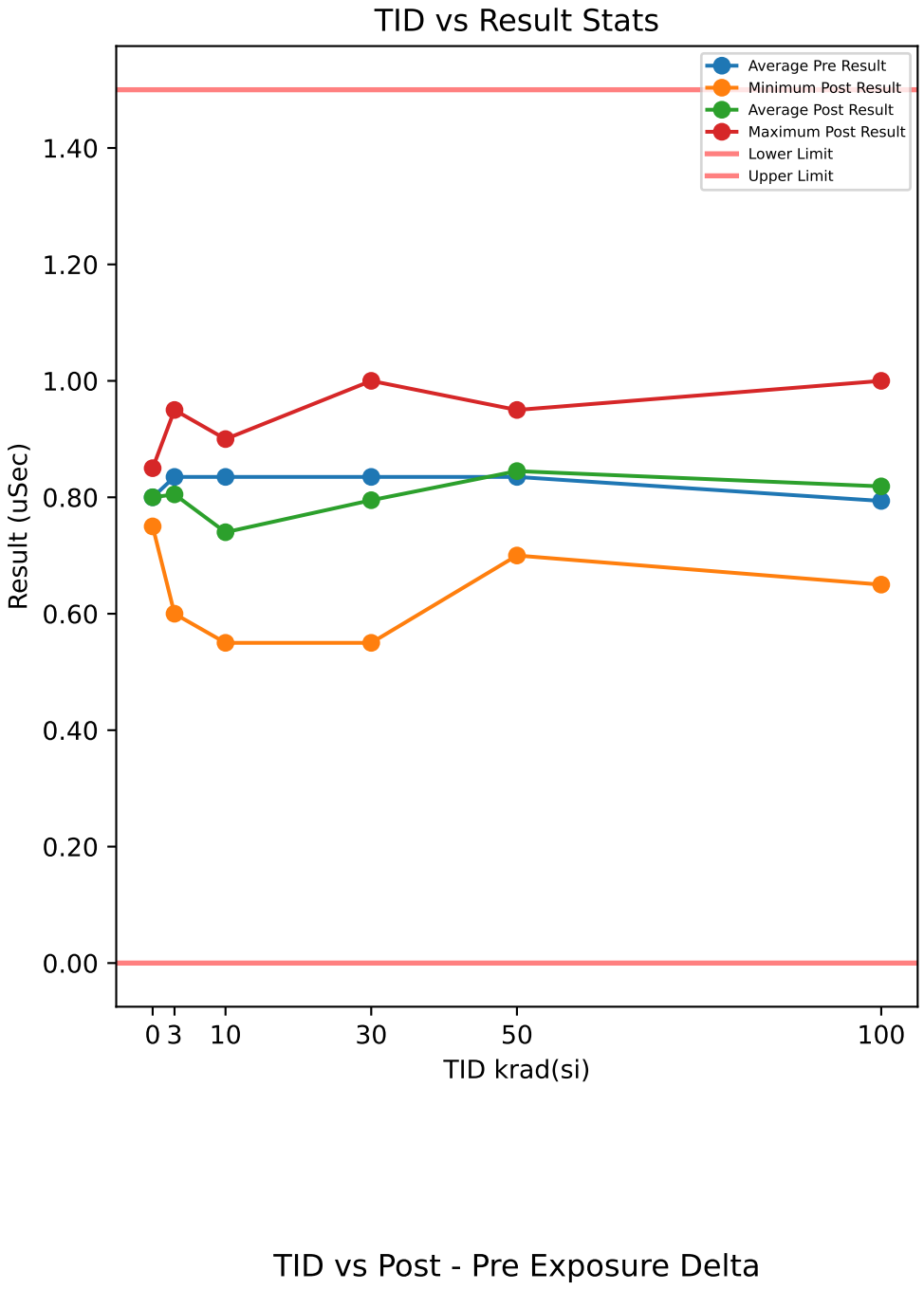
Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1	1	0
7	0	Correlation	0.95	0.95	0
16	3	LDR-Biased	0.7	0.9	0.2
18	3	LDR-Biased	0.95	0.75	-0.2
19	3	LDR-Biased	0.8	0.75	-0.05
20	3	LDR-Biased	0.8	0.9	0.1
21	3	LDR-Biased	0.85	1	0.15
22	3	LDR-Unbiased	1	0.8	-0.2
23	3	LDR-Unbiased	0.8	0.65	-0.15
25	3	LDR-Unbiased	0.95	0.9	-0.05
26	3	LDR-Unbiased	0.95	0.7	-0.25
27	3	LDR-Unbiased	0.95	0.85	-0.1
46	10	LDR-Biased	0.7	0.75	0.05
48	10	LDR-Biased	0.95	0.7	-0.25
49	10	LDR-Biased	0.8	0.8	0
50	10	LDR-Biased	0.8	0.7	-0.1
51	10	LDR-Biased	0.85	0.6	-0.25
52	10	LDR-Unbiased	1	1.05	0.05
53	10	LDR-Unbiased	0.8	1	0.2
55	10	LDR-Unbiased	0.95	0.75	-0.2
56	10	LDR-Unbiased	0.95	0.8	-0.15
57	10	LDR-Unbiased	0.95	0.85	-0.1
76	30	LDR-Biased	0.7	0.6	-0.1
78	30	LDR-Biased	0.95	0.8	-0.15
79	30	LDR-Biased	0.8	0.85	0.05
80	30	LDR-Biased	0.8	0.7	-0.1
81	30	LDR-Biased	0.85	0.9	0.05
82	30	LDR-Unbiased	1	1	0
83	30	LDR-Unbiased	0.8	0.55	-0.25
84	30	LDR-Unbiased	0.95	0.8	-0.15
85	30	LDR-Unbiased	0.95	1.05	0.1
86	30	LDR-Unbiased	0.95	0.9	-0.05
87	100	LDR-Biased	0.7	1	0.3
88	100	LDR-Biased	0.65	0.6	-0.05
90	100	LDR-Biased	0.95	0.9	-0.05
91	100	LDR-Unbiased	0.65	0.65	0
93	100	LDR-Unbiased	0.85	0.95	0.1
94	100	LDR-Unbiased	0.95	0.85	-0.1
95	100	LDR-Unbiased	0.9	0.9	0
96	100	LDR-Unbiased	0.85	0.85	0
106	50	LDR-Biased	0.7	0.95	0.25
108	50	LDR-Biased	0.95	0.7	-0.25
109	50	LDR-Biased	0.8	0.95	0.15
110	50	LDR-Biased	0.8	0.75	-0.05
111	50	LDR-Biased	0.85	0.85	0
112	50	LDR-Unbiased	1	0.8	-0.2
113	50	LDR-Unbiased	0.8	0.95	0.15
115	50	LDR-Unbiased	0.95	0.85	-0.1
116	50	LDR-Unbiased	0.95	0.7	-0.25
117	50	LDR-Unbiased	0.95	0.75	-0.2

Test Statistics (uSec)

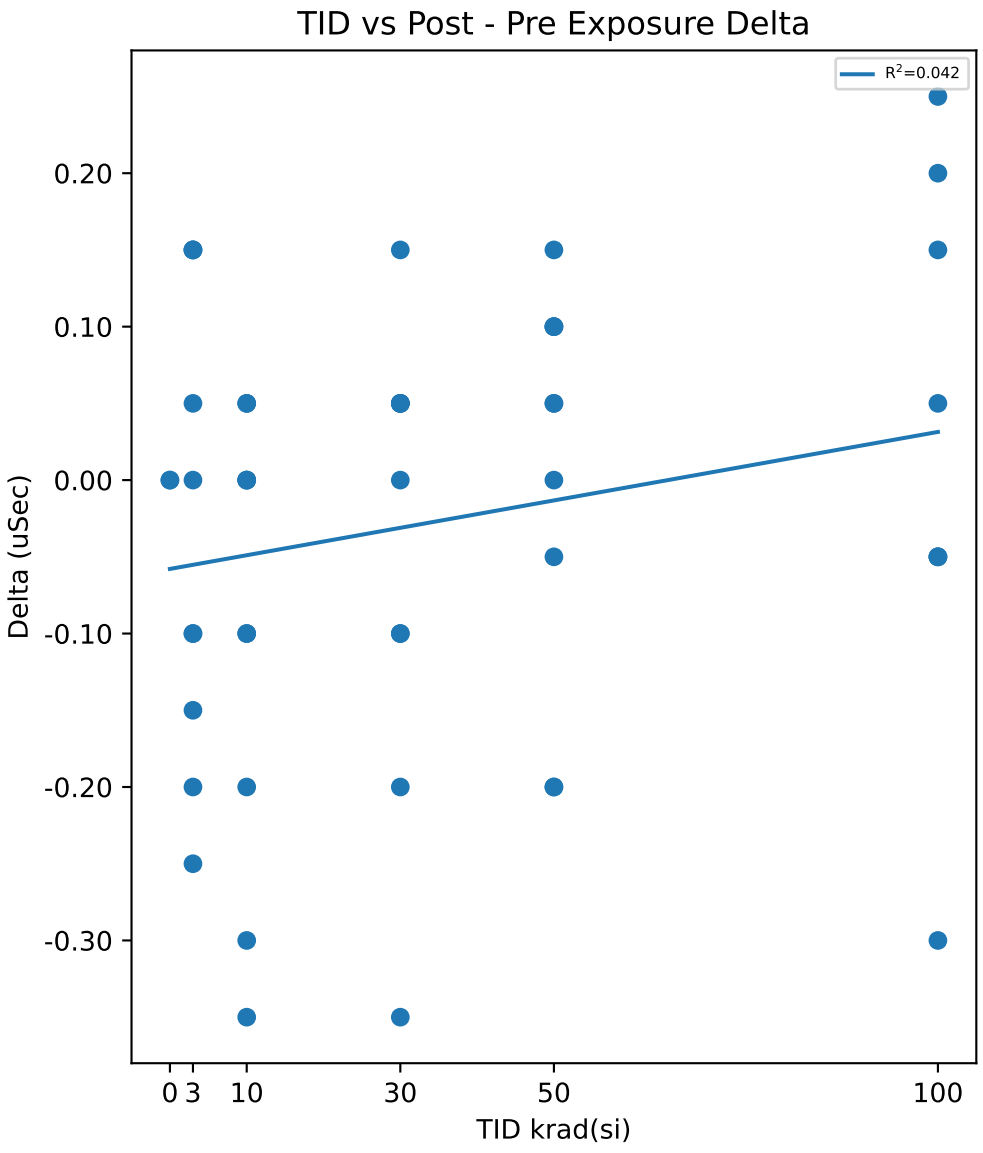
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.95	0.975	1	0.035355	0.95	0.975	1	0.035355	0	0	0	0
3	0.7	0.875	1	0.097895	0.65	0.82	1	0.10853	-0.25	-0.055	0.2	0.15714
10	0.7	0.875	1	0.097895	0.6	0.8	1.05	0.13744	-0.25	-0.075	0.2	0.14767
30	0.7	0.875	1	0.097895	0.55	0.815	1.05	0.16168	-0.25	-0.06	0.1	0.11005
50	0.7	0.875	1	0.097895	0.7	0.825	0.95	0.10069	-0.25	-0.05	0.25	0.18257
100	0.65	0.8125	0.95	0.12748	0.6	0.8375	1	0.14079	-0.1	0.025	0.3	0.12536

Device Test: 26.3 T_HOLD_RISE/SENSE3/3.3/3/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ



Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

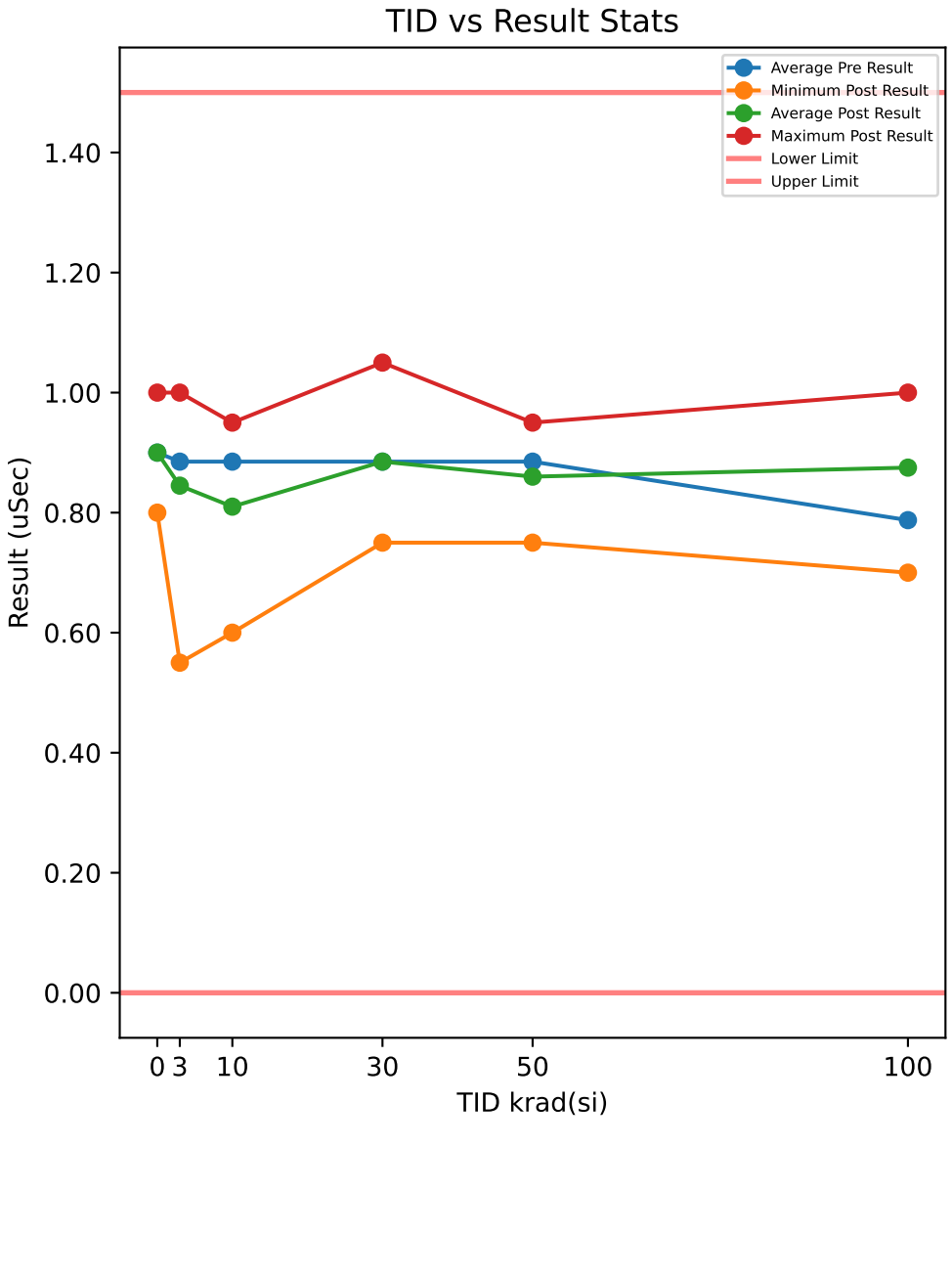
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.75	0.75	0
7	0	Correlation	0.85	0.85	0
16	3	LDR-Biased	0.8	0.6	-0.2
18	3	LDR-Biased	0.85	0.85	0
19	3	LDR-Biased	0.8	0.95	0.15
20	3	LDR-Biased	0.85	0.75	-0.1
21	3	LDR-Biased	0.8	0.85	0.05
22	3	LDR-Unbiased	0.7	0.85	0.15
23	3	LDR-Unbiased	1	0.85	-0.15
25	3	LDR-Unbiased	0.75	0.9	0.15
26	3	LDR-Unbiased	0.9	0.8	-0.1
27	3	LDR-Unbiased	0.9	0.65	-0.25
46	10	LDR-Biased	0.8	0.85	0.05
48	10	LDR-Biased	0.85	0.65	-0.2
49	10	LDR-Biased	0.8	0.8	0
50	10	LDR-Biased	0.85	0.55	-0.3
51	10	LDR-Biased	0.8	0.8	0
52	10	LDR-Unbiased	0.7	0.75	0.05
53	10	LDR-Unbiased	1	0.65	-0.35
55	10	LDR-Unbiased	0.75	0.65	-0.1
56	10	LDR-Unbiased	0.9	0.8	-0.1
57	10	LDR-Unbiased	0.9	0.9	0
76	30	LDR-Biased	0.8	0.7	-0.1
78	30	LDR-Biased	0.85	0.9	0.05
79	30	LDR-Biased	0.8	0.85	0.05
80	30	LDR-Biased	0.85	1	0.15
81	30	LDR-Biased	0.8	0.6	-0.2
82	30	LDR-Unbiased	0.7	0.75	0.05
83	30	LDR-Unbiased	1	0.9	-0.1
84	30	LDR-Unbiased	0.9	0.9	0
85	30	LDR-Unbiased	0.75	0.8	0.05
86	30	LDR-Unbiased	0.9	0.55	-0.35
87	100	LDR-Biased	0.8	0.85	0.05
88	100	LDR-Biased	0.9	0.85	-0.05
90	100	LDR-Biased	0.6	0.85	0.25
91	100	LDR-Unbiased	0.75	0.95	0.2
93	100	LDR-Unbiased	0.95	0.65	-0.3
94	100	LDR-Unbiased	0.7	0.65	-0.05
95	100	LDR-Unbiased	0.85	1	0.15
96	100	LDR-Unbiased	0.8	0.75	-0.05
106	50	LDR-Biased	0.8	0.9	0.1
108	50	LDR-Biased	0.85	0.8	-0.05
109	50	LDR-Biased	0.8	0.9	0.1
110	50	LDR-Biased	0.85	0.85	0
111	50	LDR-Biased	0.8	0.85	0.05
112	50	LDR-Unbiased	0.7	0.8	0.1
113	50	LDR-Unbiased	1	0.8	-0.2
115	50	LDR-Unbiased	0.75	0.9	0.15
116	50	LDR-Unbiased	0.9	0.95	0.05
117	50	LDR-Unbiased	0.9	0.7	-0.2

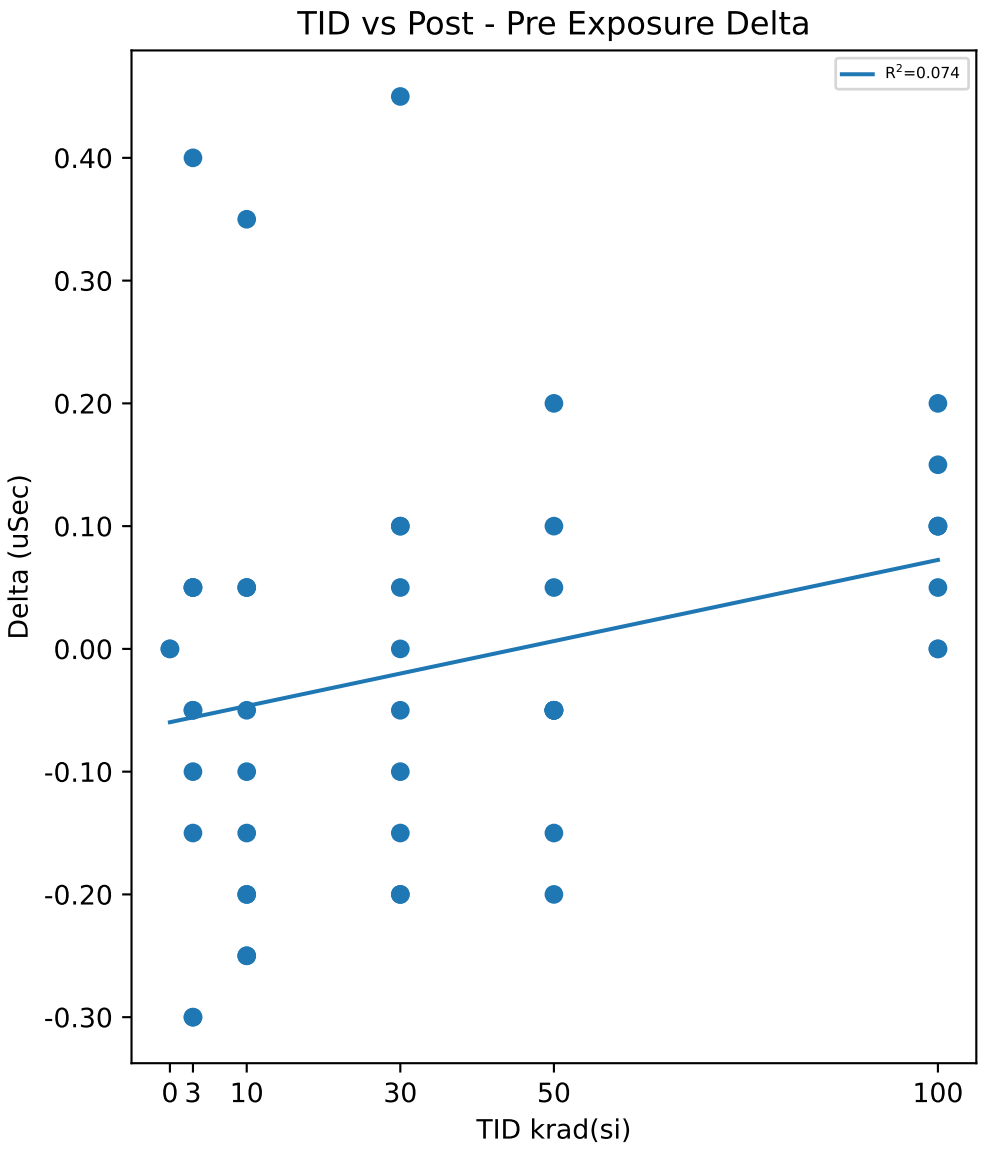


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.75	0.8	0.85	0.070711	0.75	0.8	0.85	0.070711	0	0	0	0
3	0.7	0.835	1	0.085147	0.6	0.805	0.95	0.10916	-0.25	-0.03	0.15	0.15129
10	0.7	0.835	1	0.085147	0.55	0.74	0.9	0.11005	-0.35	-0.095	0.05	0.14424
30	0.7	0.835	1	0.085147	0.55	0.795	1	0.14424	-0.35	-0.04	0.15	0.1487
50	0.7	0.835	1	0.085147	0.7	0.845	0.95	0.072457	-0.2	0.01	0.15	0.12428
100	0.6	0.79375	0.95	0.1116	0.65	0.81875	1	0.128	-0.3	0.025	0.25	0.17728

Device Test: 26.4 T_HOLD_RISE/SENSE4/3.3/3/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ





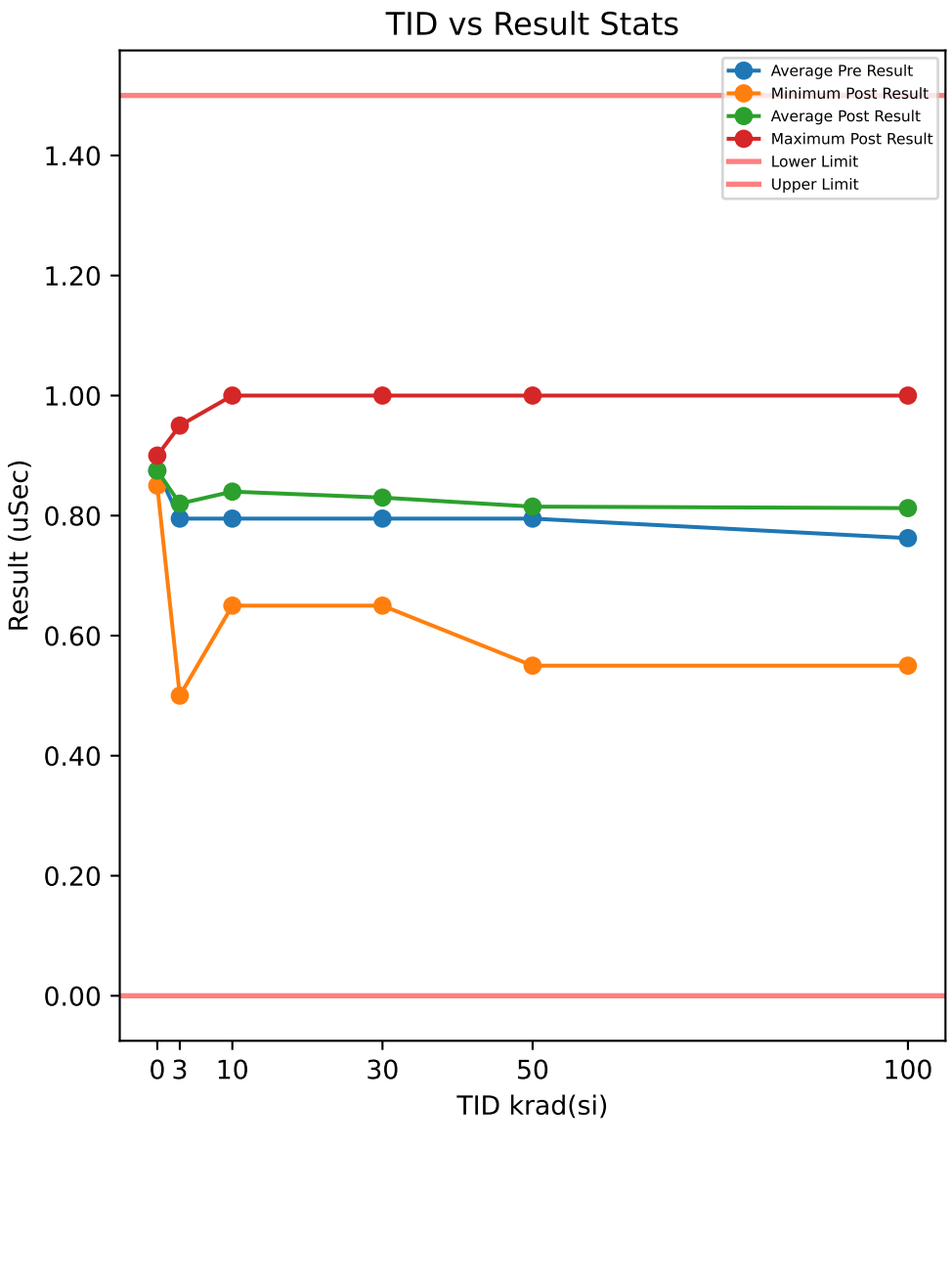
Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

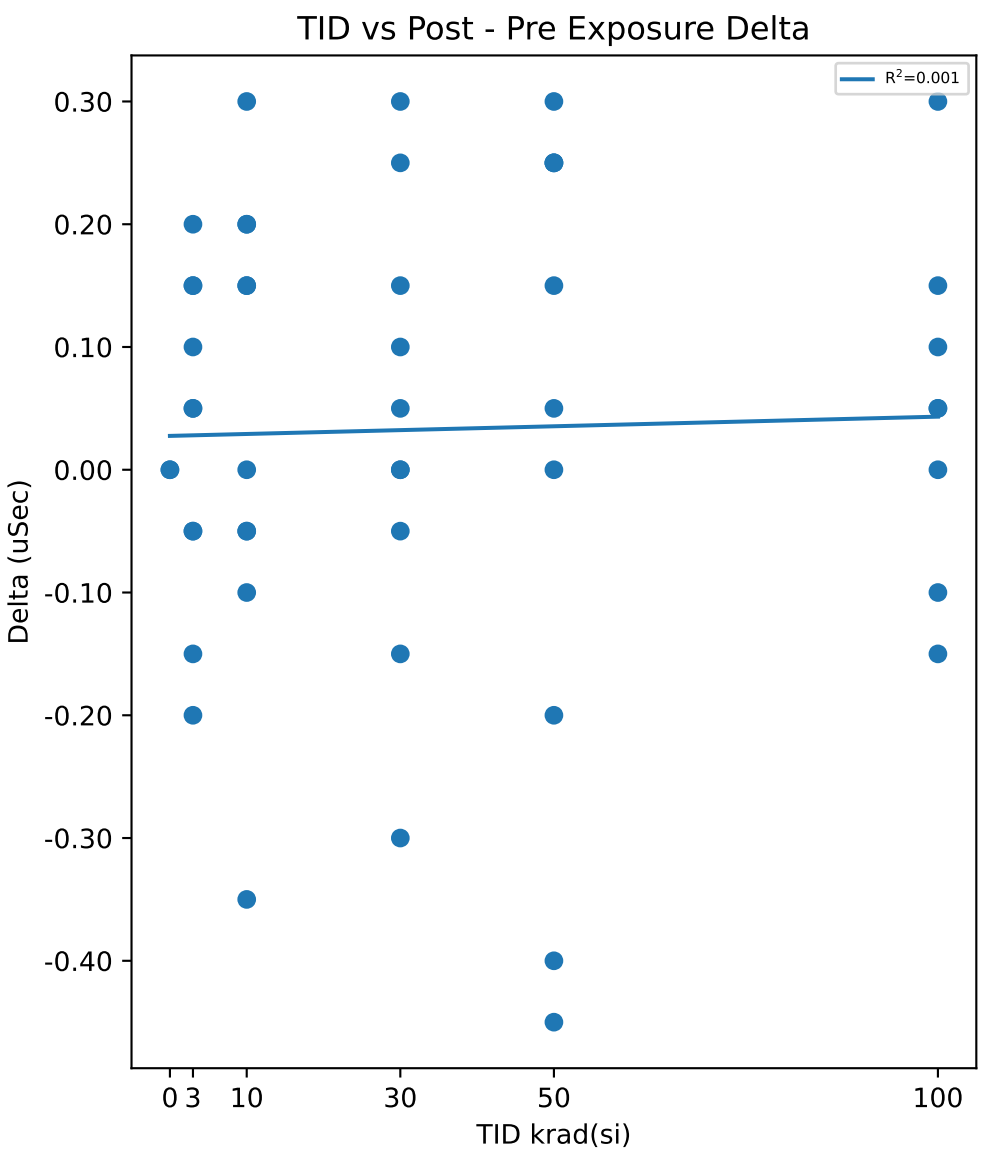
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1	1	0
7	0	Correlation	0.8	0.8	0
16	3	LDR-Biased	0.95	0.65	-0.3
18	3	LDR-Biased	0.85	0.9	0.05
19	3	LDR-Biased	0.9	0.85	-0.05
20	3	LDR-Biased	0.95	1	0.05
21	3	LDR-Biased	0.95	0.9	-0.05
22	3	LDR-Unbiased	0.6	1	0.4
23	3	LDR-Unbiased	0.95	0.8	-0.15
25	3	LDR-Unbiased	0.9	0.8	-0.1
26	3	LDR-Unbiased	0.85	0.55	-0.3
27	3	LDR-Unbiased	0.95	1	0.05
46	10	LDR-Biased	0.95	0.8	-0.15
48	10	LDR-Biased	0.85	0.6	-0.25
49	10	LDR-Biased	0.9	0.95	0.05
50	10	LDR-Biased	0.95	0.75	-0.2
51	10	LDR-Biased	0.95	0.9	-0.05
52	10	LDR-Unbiased	0.6	0.95	0.35
53	10	LDR-Unbiased	0.95	0.7	-0.25
55	10	LDR-Unbiased	0.9	0.8	-0.1
56	10	LDR-Unbiased	0.85	0.9	0.05
57	10	LDR-Unbiased	0.95	0.75	-0.2
76	30	LDR-Biased	0.95	0.9	-0.05
78	30	LDR-Biased	0.85	0.9	0.05
79	30	LDR-Biased	0.9	0.9	0
80	30	LDR-Biased	0.95	0.8	-0.15
81	30	LDR-Biased	0.95	0.75	-0.2
82	30	LDR-Unbiased	0.6	1.05	0.45
83	30	LDR-Unbiased	0.95	0.85	-0.1
84	30	LDR-Unbiased	0.95	0.75	-0.2
85	30	LDR-Unbiased	0.9	1	0.1
86	30	LDR-Unbiased	0.85	0.95	0.1
87	100	LDR-Biased	0.8	0.9	0.1
88	100	LDR-Biased	0.8	0.95	0.15
90	100	LDR-Biased	0.8	1	0.2
91	100	LDR-Unbiased	0.6	0.7	0.1
93	100	LDR-Unbiased	0.8	0.9	0.1
94	100	LDR-Unbiased	0.95	1	0.05
95	100	LDR-Unbiased	0.75	0.75	0
96	100	LDR-Unbiased	0.8	0.8	0
106	50	LDR-Biased	0.95	0.9	-0.05
108	50	LDR-Biased	0.85	0.95	0.1
109	50	LDR-Biased	0.9	0.75	-0.15
110	50	LDR-Biased	0.95	0.9	-0.05
111	50	LDR-Biased	0.95	0.9	-0.05
112	50	LDR-Unbiased	0.6	0.8	0.2
113	50	LDR-Unbiased	0.95	0.75	-0.2
115	50	LDR-Unbiased	0.9	0.85	-0.05
116	50	LDR-Unbiased	0.85	0.9	0.05
117	50	LDR-Unbiased	0.95	0.9	-0.05

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.8	0.9	1	0.14142	0.8	0.9	1	0.14142	0	0	0	0
3	0.6	0.885	0.95	0.10814	0.55	0.845	1	0.15175	-0.3	-0.04	0.4	0.20248
10	0.6	0.885	0.95	0.10814	0.6	0.81	0.95	0.11499	-0.25	-0.075	0.35	0.18597
30	0.6	0.885	0.95	0.10814	0.75	0.885	1.05	0.10014	-0.2	3.3307e-17	0.45	0.19437
50	0.6	0.885	0.95	0.10814	0.75	0.86	0.95	0.069921	-0.2	-0.025	0.2	0.11607
100	0.6	0.7875	0.95	0.095431	0.7	0.875	1	0.11339	0	0.0875	0.2	0.069437

Device Test: 26.5 T_HOLD_RISE/SENSE1/3.3/14/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ





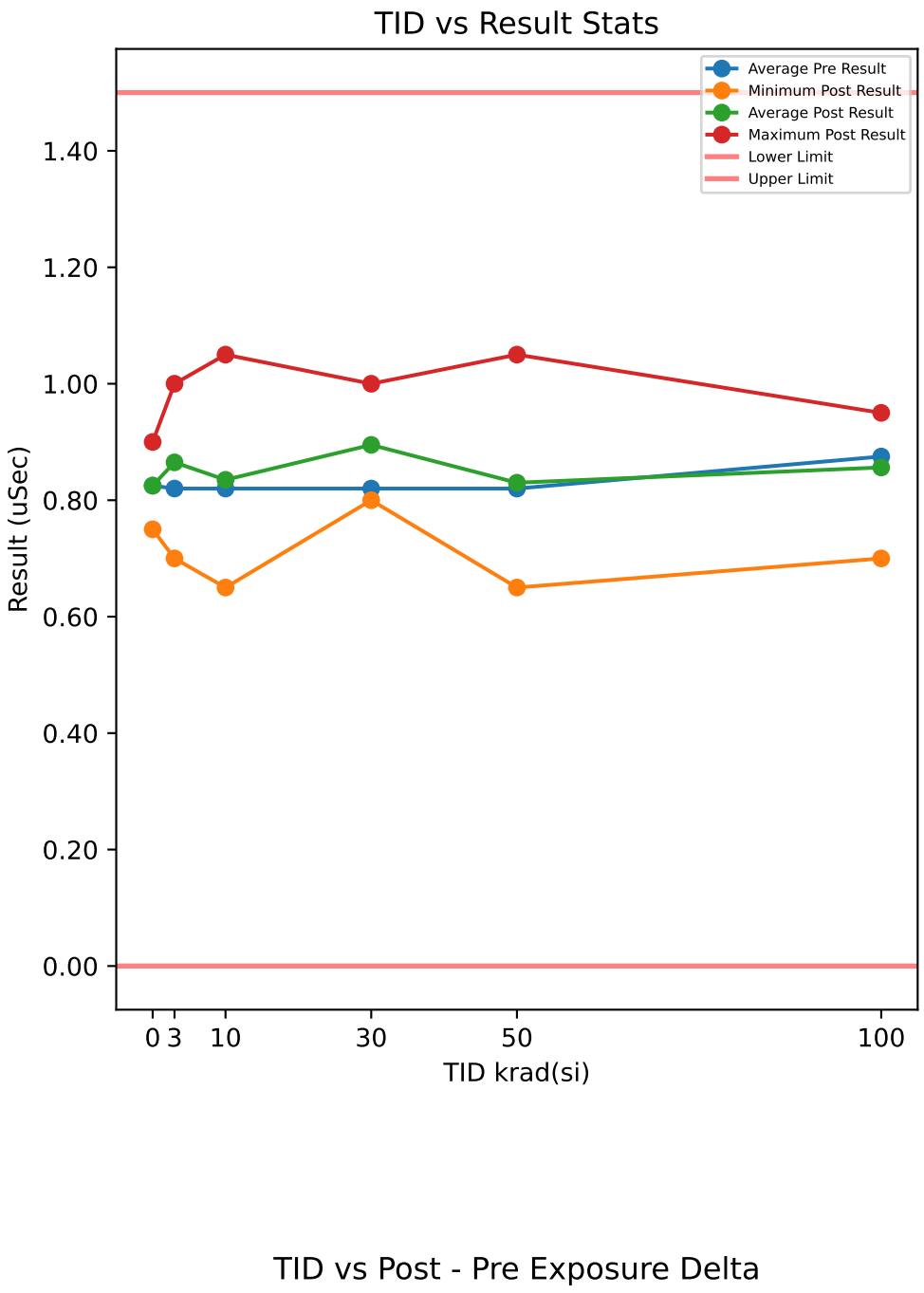
Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

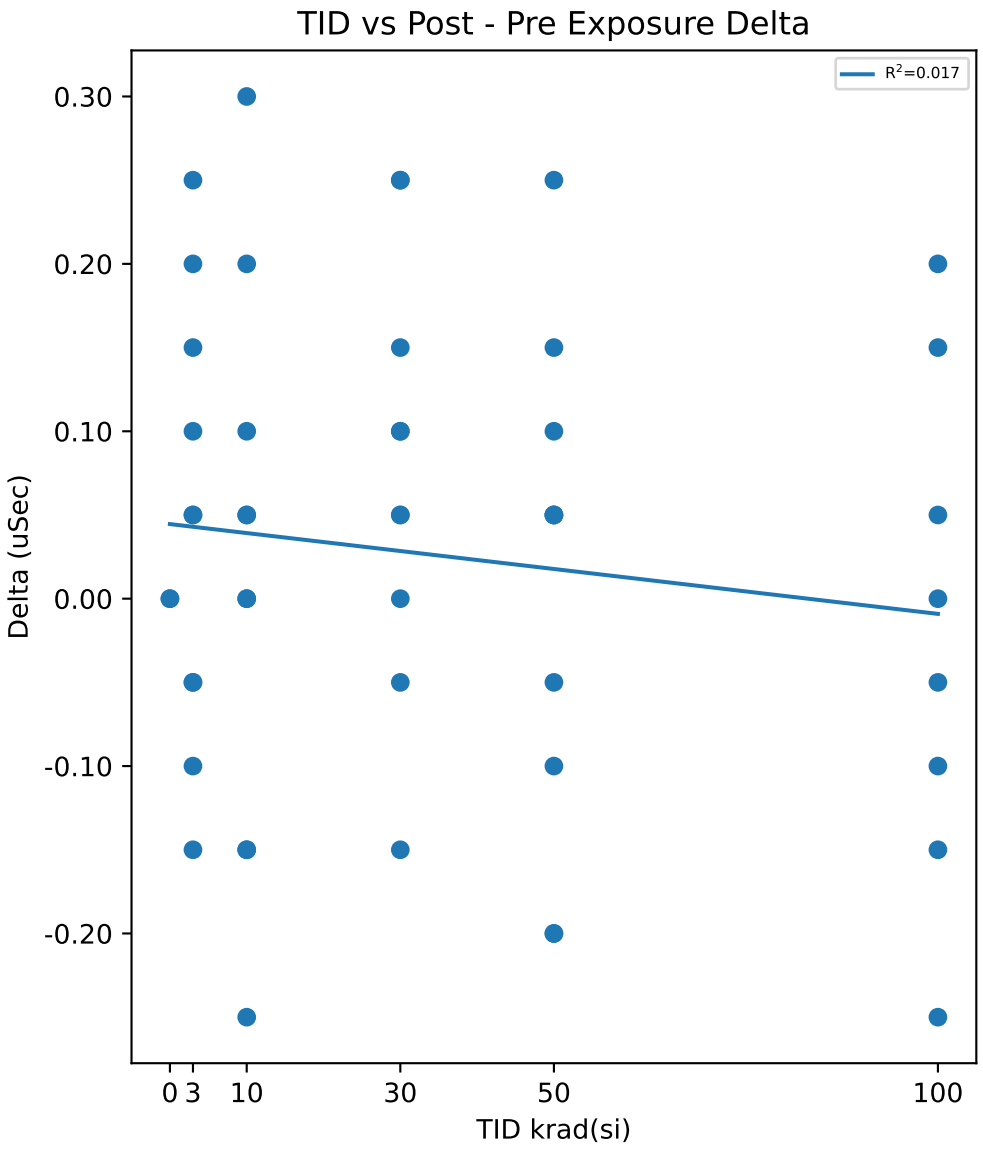
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.9	0.9	0
7	0	Correlation	0.85	0.85	0
16	3	LDR-Biased	0.7	0.85	0.15
18	3	LDR-Biased	0.8	0.95	0.15
19	3	LDR-Biased	0.7	0.75	0.05
20	3	LDR-Biased	1	0.85	-0.15
21	3	LDR-Biased	0.75	0.95	0.2
22	3	LDR-Unbiased	0.95	0.9	-0.05
23	3	LDR-Unbiased	1	0.95	-0.05
25	3	LDR-Unbiased	0.65	0.75	0.1
26	3	LDR-Unbiased	0.7	0.5	-0.2
27	3	LDR-Unbiased	0.7	0.75	0.05
46	10	LDR-Biased	0.7	0.9	0.2
48	10	LDR-Biased	0.8	0.75	-0.05
49	10	LDR-Biased	0.7	0.9	0.2
50	10	LDR-Biased	1	0.9	-0.1
51	10	LDR-Biased	0.75	0.9	0.15
52	10	LDR-Unbiased	0.95	0.9	-0.05
53	10	LDR-Unbiased	1	0.65	-0.35
55	10	LDR-Unbiased	0.65	0.8	0.15
56	10	LDR-Unbiased	0.7	1	0.3
57	10	LDR-Unbiased	0.7	0.7	0
76	30	LDR-Biased	0.7	0.85	0.15
78	30	LDR-Biased	0.8	0.8	0
79	30	LDR-Biased	0.7	1	0.3
80	30	LDR-Biased	1	0.85	-0.15
81	30	LDR-Biased	0.75	0.75	0
82	30	LDR-Unbiased	0.95	0.65	-0.3
83	30	LDR-Unbiased	1	0.95	-0.05
84	30	LDR-Unbiased	0.7	0.75	0.05
85	30	LDR-Unbiased	0.65	0.75	0.1
86	30	LDR-Unbiased	0.7	0.95	0.25
87	100	LDR-Biased	0.7	0.75	0.05
88	100	LDR-Biased	0.6	0.65	0.05
90	100	LDR-Biased	0.9	0.9	0
91	100	LDR-Unbiased	0.75	0.85	0.1
93	100	LDR-Unbiased	1	0.9	-0.1
94	100	LDR-Unbiased	0.85	1	0.15
95	100	LDR-Unbiased	0.7	0.55	-0.15
96	100	LDR-Unbiased	0.6	0.9	0.3
106	50	LDR-Biased	0.7	0.95	0.25
108	50	LDR-Biased	0.8	0.8	0
109	50	LDR-Biased	0.7	0.95	0.25
110	50	LDR-Biased	1	0.8	-0.2
111	50	LDR-Biased	0.75	0.8	0.05
112	50	LDR-Unbiased	0.95	0.55	-0.4
113	50	LDR-Unbiased	1	0.55	-0.45
115	50	LDR-Unbiased	0.65	0.9	0.25
116	50	LDR-Unbiased	0.7	1	0.3
117	50	LDR-Unbiased	0.7	0.85	0.15

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.85	0.875	0.9	0.035355	0.85	0.875	0.9	0.035355	0	0	0	0
3	0.65	0.795	1	0.13632	0.5	0.82	0.95	0.13984	-0.2	0.025	0.2	0.13385
10	0.65	0.795	1	0.13632	0.65	0.84	1	0.11005	-0.35	0.045	0.3	0.19214
30	0.65	0.795	1	0.13632	0.65	0.83	1	0.11106	-0.3	0.035	0.3	0.17958
50	0.65	0.795	1	0.13632	0.55	0.815	1	0.15644	-0.45	0.02	0.3	0.27909
100	0.6	0.7625	1	0.1433	0.55	0.8125	1	0.15059	-0.15	0.05	0.3	0.14142

Device Test: 26.6 T_HOLD_RISE/SENSE2/3.3/14/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ





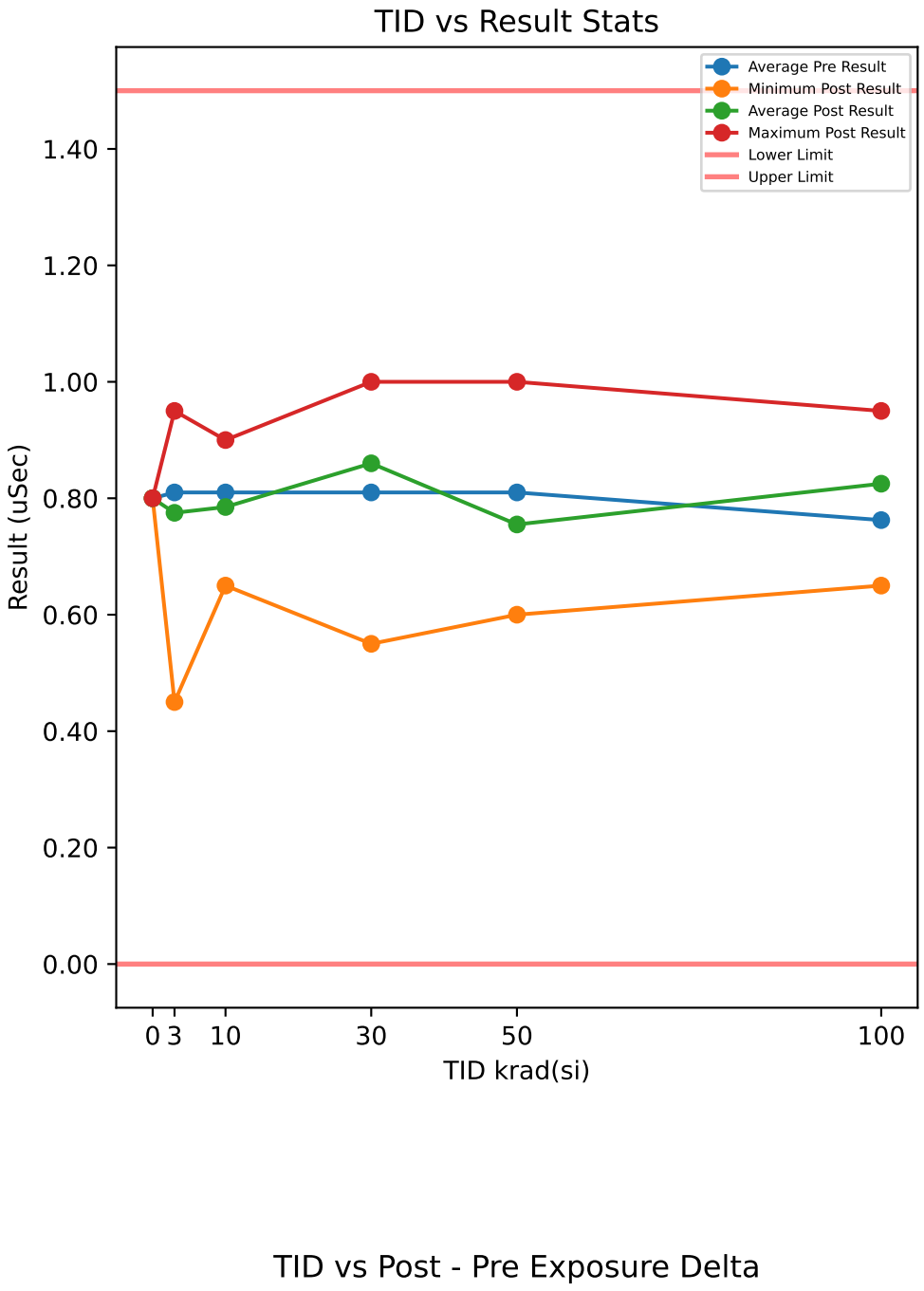
Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.75	0.75	0
7	0	Correlation	0.9	0.9	0
16	3	LDR-Biased	0.9	0.75	-0.15
18	3	LDR-Biased	0.75	0.7	-0.05
19	3	LDR-Biased	1	0.9	-0.1
20	3	LDR-Biased	0.85	0.9	0.05
21	3	LDR-Biased	0.7	0.85	0.15
22	3	LDR-Unbiased	0.55	0.8	0.25
23	3	LDR-Unbiased	0.95	0.9	-0.05
25	3	LDR-Unbiased	0.85	0.95	0.1
26	3	LDR-Unbiased	0.85	0.9	0.05
27	3	LDR-Unbiased	0.8	1	0.2
46	10	LDR-Biased	0.9	0.65	-0.25
48	10	LDR-Biased	0.75	0.8	0.05
49	10	LDR-Biased	1	0.85	-0.15
50	10	LDR-Biased	0.85	0.85	0
51	10	LDR-Biased	0.7	0.9	0.2
52	10	LDR-Unbiased	0.55	0.85	0.3
53	10	LDR-Unbiased	0.95	1.05	0.1
55	10	LDR-Unbiased	0.85	0.7	-0.15
56	10	LDR-Unbiased	0.85	0.85	0
57	10	LDR-Unbiased	0.8	0.85	0.05
76	30	LDR-Biased	0.9	1	0.1
78	30	LDR-Biased	0.75	1	0.25
79	30	LDR-Biased	1	0.85	-0.15
80	30	LDR-Biased	0.85	0.8	-0.05
81	30	LDR-Biased	0.7	0.85	0.15
82	30	LDR-Unbiased	0.55	0.8	0.25
83	30	LDR-Unbiased	0.95	0.95	0
84	30	LDR-Unbiased	0.8	0.85	0.05
85	30	LDR-Unbiased	0.85	0.9	0.05
86	30	LDR-Unbiased	0.85	0.95	0.1
87	100	LDR-Biased	0.85	0.7	-0.15
88	100	LDR-Biased	1.05	0.8	-0.25
90	100	LDR-Biased	1.05	0.95	-0.1
91	100	LDR-Unbiased	0.7	0.85	0.15
93	100	LDR-Unbiased	0.9	0.95	0.05
94	100	LDR-Unbiased	0.9	0.9	0
95	100	LDR-Unbiased	0.85	0.8	-0.05
96	100	LDR-Unbiased	0.7	0.9	0.2
106	50	LDR-Biased	0.9	1.05	0.15
108	50	LDR-Biased	0.75	0.8	0.05
109	50	LDR-Biased	1	0.8	-0.2
110	50	LDR-Biased	0.85	0.9	0.05
111	50	LDR-Biased	0.7	0.95	0.25
112	50	LDR-Unbiased	0.55	0.65	0.1
113	50	LDR-Unbiased	0.95	0.85	-0.1
115	50	LDR-Unbiased	0.85	0.9	0.05
116	50	LDR-Unbiased	0.85	0.65	-0.2
117	50	LDR-Unbiased	0.8	0.75	-0.05

Test Statistics (uSec)

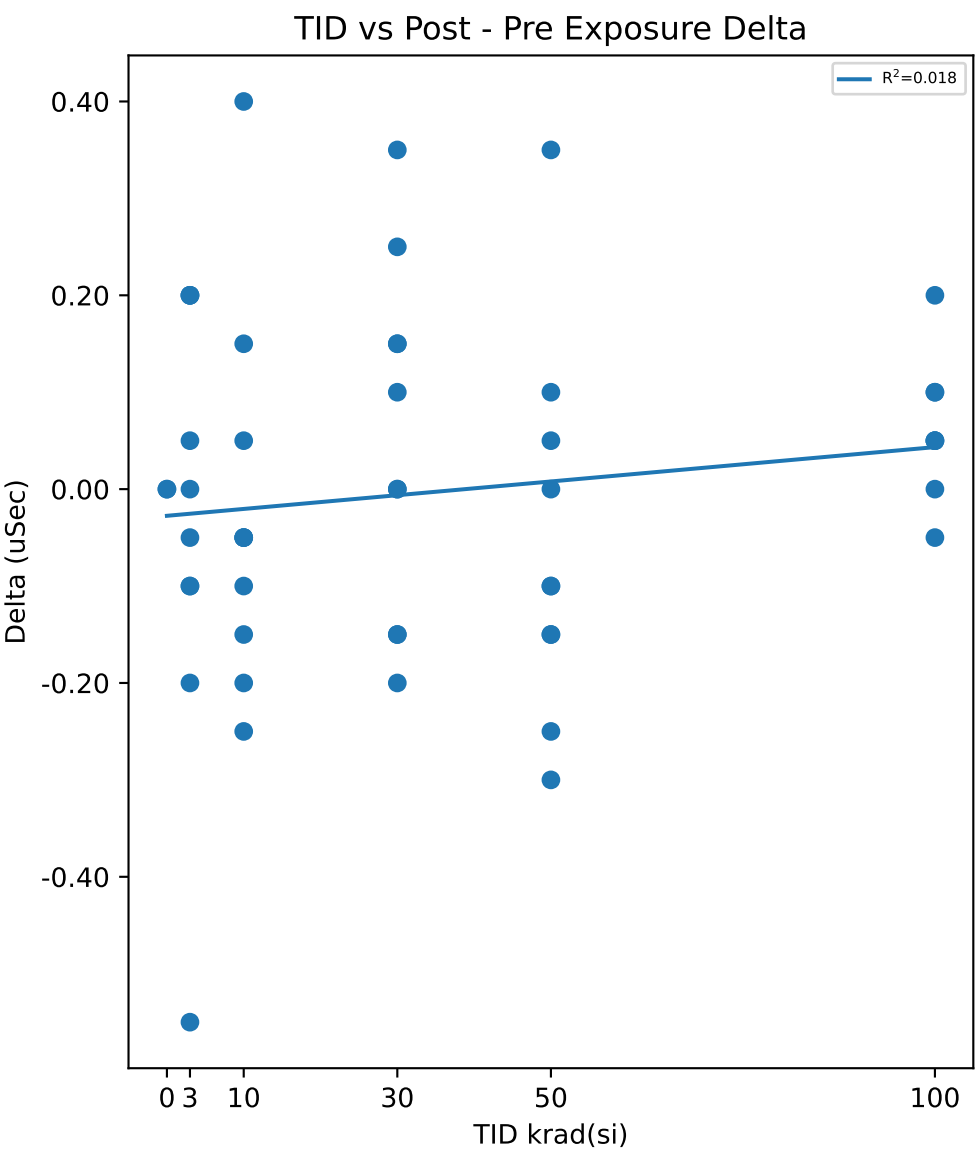
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.75	0.825	0.9	0.10607	0.75	0.825	0.9	0.10607	0	0	0	0
3	0.55	0.82	1	0.12953	0.7	0.865	1	0.091439	-0.15	0.045	0.25	0.13218
10	0.55	0.82	1	0.12953	0.65	0.835	1.05	0.10814	-0.25	0.015	0.3	0.16675
30	0.55	0.82	1	0.12953	0.8	0.895	1	0.076194	-0.15	0.075	0.25	0.12528
50	0.55	0.82	1	0.12953	0.65	0.83	1.05	0.12737	-0.2	0.01	0.25	0.14682
100	0.7	0.875	1.05	0.13363	0.7	0.85625	0.95	0.086344	-0.25	-0.01875	0.2	0.15104

Device Test: 26.7 T_HOLD_RISE/SENSE3/3.3/14/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ



Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

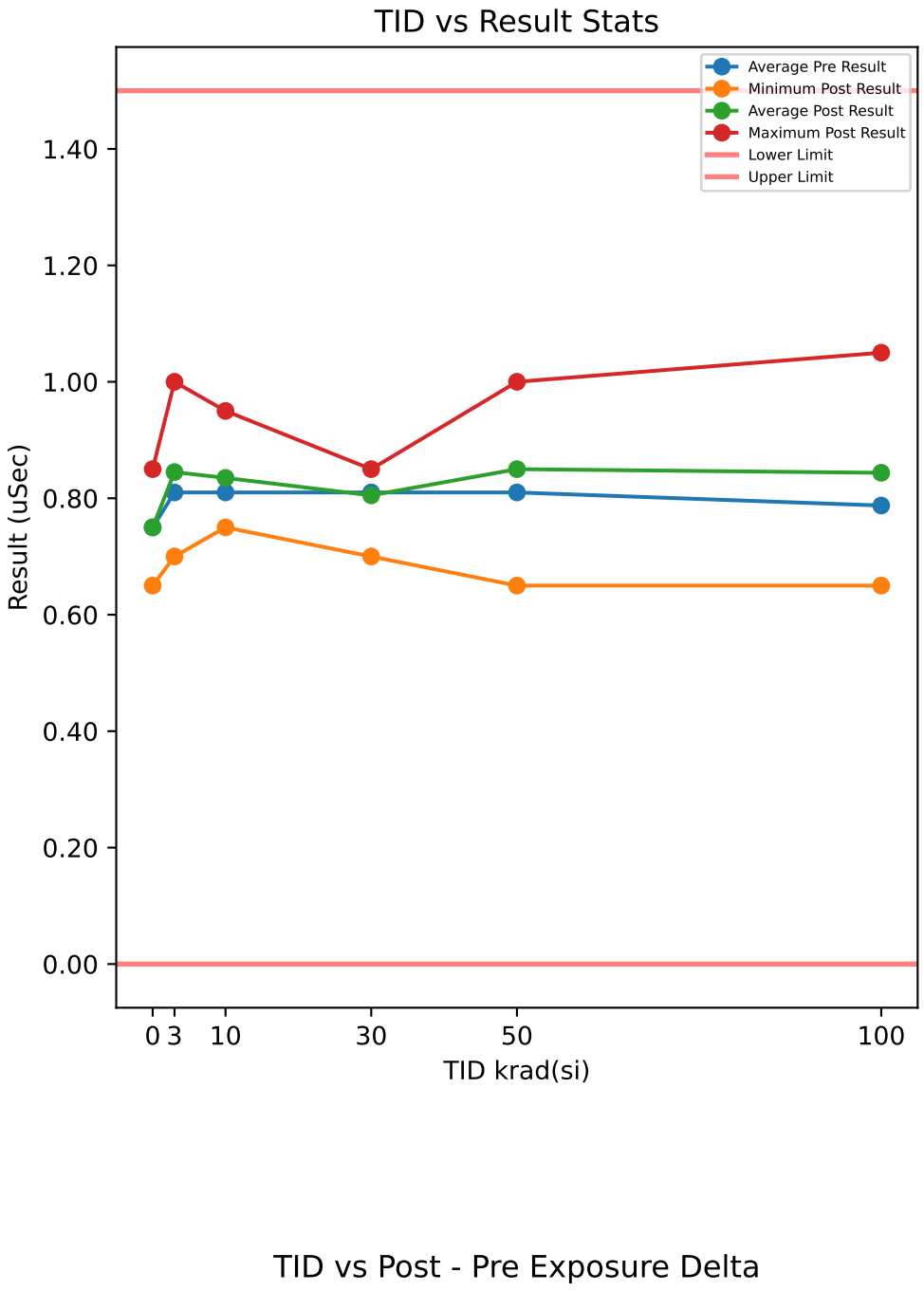
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.8	0.8	0
7	0	Correlation	0.8	0.8	0
16	3	LDR-Biased	0.8	0.8	0
18	3	LDR-Biased	0.95	0.85	-0.1
19	3	LDR-Biased	0.9	0.8	-0.1
20	3	LDR-Biased	0.75	0.95	0.2
21	3	LDR-Biased	0.8	0.85	0.05
22	3	LDR-Unbiased	0.5	0.7	0.2
23	3	LDR-Unbiased	1	0.45	-0.55
25	3	LDR-Unbiased	0.75	0.95	0.2
26	3	LDR-Unbiased	0.7	0.65	-0.05
27	3	LDR-Unbiased	0.95	0.75	-0.2
46	10	LDR-Biased	0.8	0.65	-0.15
48	10	LDR-Biased	0.95	0.9	-0.05
49	10	LDR-Biased	0.9	0.85	-0.05
50	10	LDR-Biased	0.75	0.9	0.15
51	10	LDR-Biased	0.8	0.75	-0.05
52	10	LDR-Unbiased	0.5	0.9	0.4
53	10	LDR-Unbiased	1	0.75	-0.25
55	10	LDR-Unbiased	0.75	0.65	-0.1
56	10	LDR-Unbiased	0.7	0.75	0.05
57	10	LDR-Unbiased	0.95	0.75	-0.2
76	30	LDR-Biased	0.8	0.9	0.1
78	30	LDR-Biased	0.95	0.8	-0.15
79	30	LDR-Biased	0.9	0.9	0
80	30	LDR-Biased	0.75	0.9	0.15
81	30	LDR-Biased	0.8	0.95	0.15
82	30	LDR-Unbiased	0.5	0.85	0.35
83	30	LDR-Unbiased	1	0.8	-0.2
84	30	LDR-Unbiased	0.95	0.95	0
85	30	LDR-Unbiased	0.75	1	0.25
86	30	LDR-Unbiased	0.7	0.55	-0.15
87	100	LDR-Biased	0.7	0.65	-0.05
88	100	LDR-Biased	0.85	0.95	0.1
90	100	LDR-Biased	0.8	0.85	0.05
91	100	LDR-Unbiased	0.75	0.75	0
93	100	LDR-Unbiased	0.85	0.9	0.05
94	100	LDR-Unbiased	0.65	0.75	0.1
95	100	LDR-Unbiased	0.9	0.95	0.05
96	100	LDR-Unbiased	0.6	0.8	0.2
106	50	LDR-Biased	0.8	0.7	-0.1
108	50	LDR-Biased	0.95	1	0.05
109	50	LDR-Biased	0.9	0.75	-0.15
110	50	LDR-Biased	0.75	0.75	0
111	50	LDR-Biased	0.8	0.7	-0.1
112	50	LDR-Unbiased	0.5	0.85	0.35
113	50	LDR-Unbiased	1	0.75	-0.25
115	50	LDR-Unbiased	0.75	0.6	-0.15
116	50	LDR-Unbiased	0.7	0.8	0.1
117	50	LDR-Unbiased	0.95	0.65	-0.3

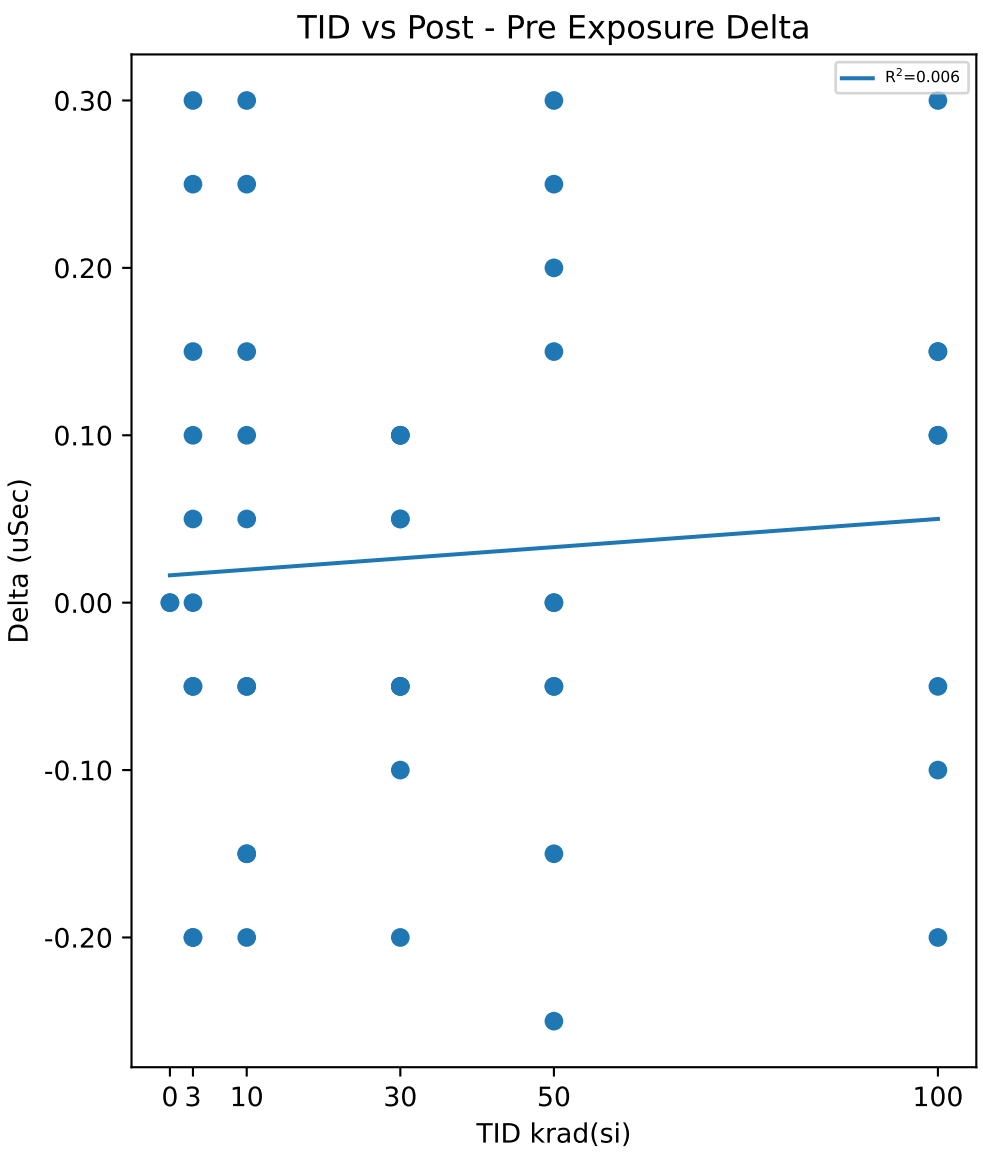


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.8	0.8	0.8	0	0.8	0.8	0.8	0	0	0	0	0
3	0.5	0.81	1	0.1487	0.45	0.775	0.95	0.14954	-0.55	-0.035	0.2	0.22979
10	0.5	0.81	1	0.1487	0.65	0.785	0.9	0.097325	-0.25	-0.025	0.4	0.18893
30	0.5	0.81	1	0.1487	0.55	0.86	1	0.12649	-0.2	0.05	0.35	0.18257
50	0.5	0.81	1	0.1487	0.6	0.755	1	0.11168	-0.3	-0.055	0.35	0.18922
100	0.6	0.7625	0.9	0.10607	0.65	0.825	0.95	0.1069	-0.05	0.0625	0.2	0.074402

Device Test: 26.8 T_HOLD_RISE/SENSE4/3.3/14/0/0/0/@SENSE_RISE_HOLD_TIME_SEQ





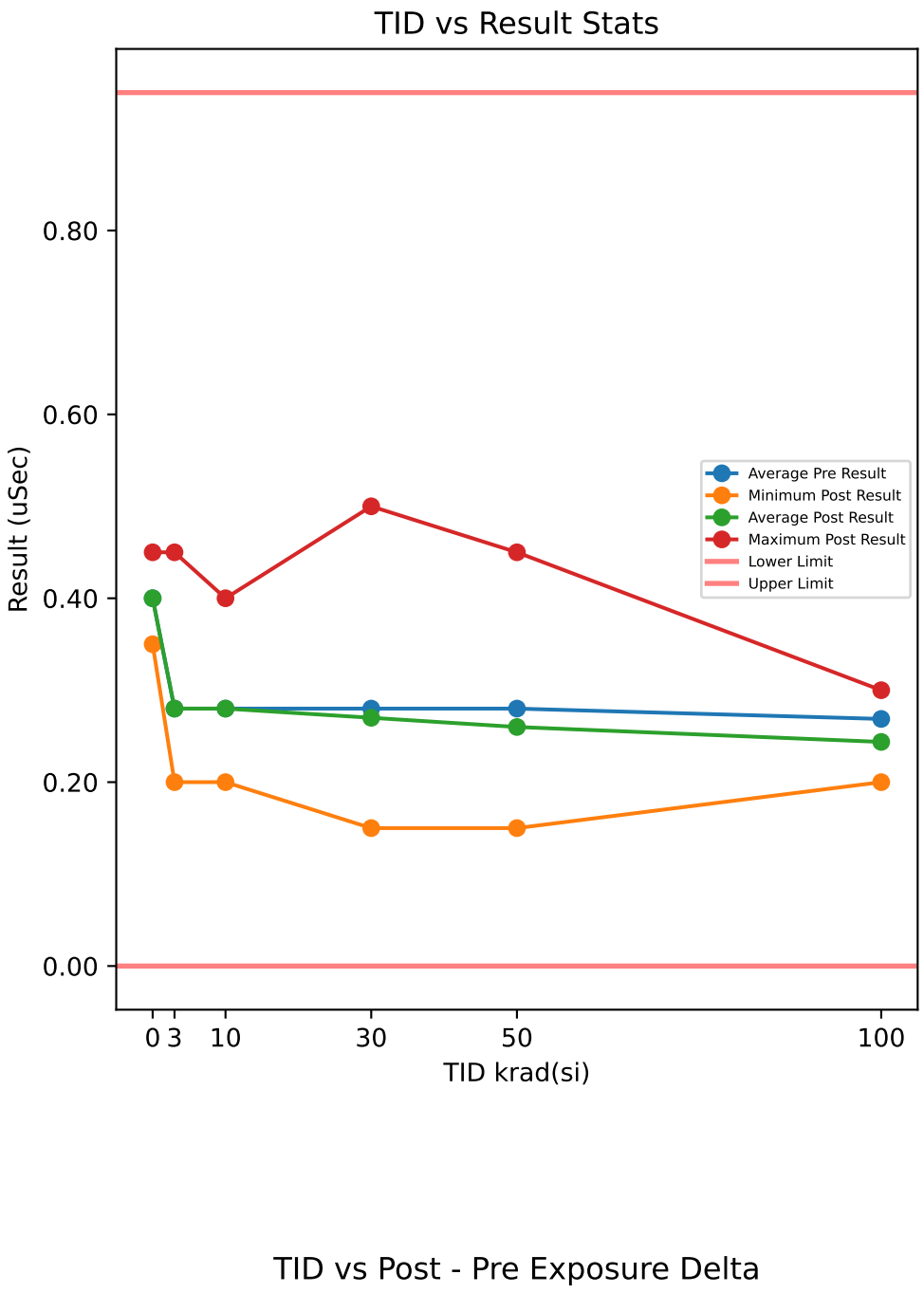
Test Results (Lower Limit = 0.0, Upper Limit = 1.5 (uSec))

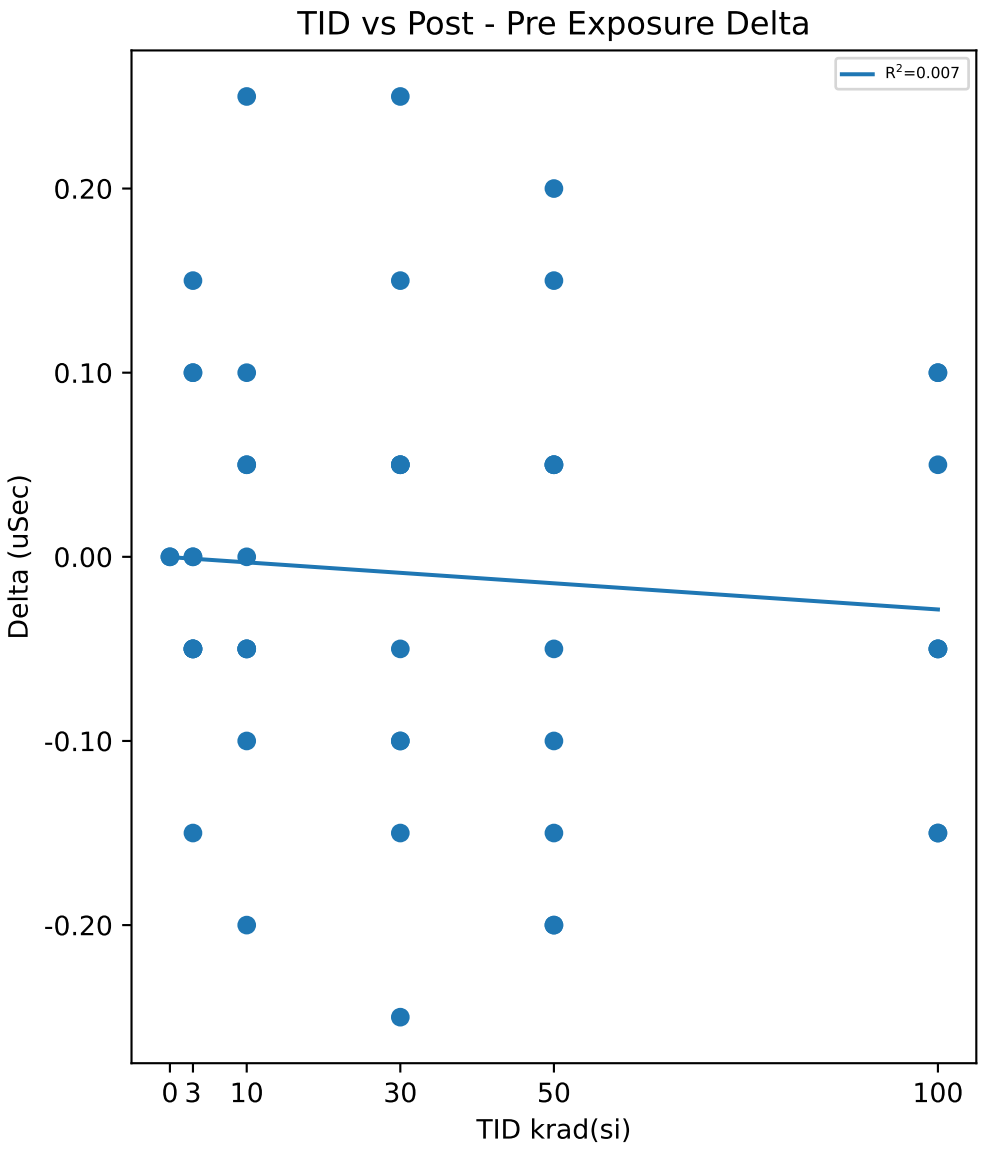
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.65	0.65	0
7	0	Correlation	0.85	0.85	0
16	3	LDR-Biased	0.7	1	0.3
18	3	LDR-Biased	0.9	0.95	0.05
19	3	LDR-Biased	0.95	0.75	-0.2
20	3	LDR-Biased	0.6	0.85	0.25
21	3	LDR-Biased	0.9	0.9	0
22	3	LDR-Unbiased	0.9	0.85	-0.05
23	3	LDR-Unbiased	0.75	0.85	0.1
25	3	LDR-Unbiased	0.7	0.85	0.15
26	3	LDR-Unbiased	0.9	0.7	-0.2
27	3	LDR-Unbiased	0.8	0.75	-0.05
46	10	LDR-Biased	0.7	0.95	0.25
48	10	LDR-Biased	0.9	0.75	-0.15
49	10	LDR-Biased	0.95	0.75	-0.2
50	10	LDR-Biased	0.6	0.9	0.3
51	10	LDR-Biased	0.9	0.75	-0.15
52	10	LDR-Unbiased	0.9	0.85	-0.05
53	10	LDR-Unbiased	0.75	0.9	0.15
55	10	LDR-Unbiased	0.7	0.75	0.05
56	10	LDR-Unbiased	0.9	0.85	-0.05
57	10	LDR-Unbiased	0.8	0.9	0.1
76	30	LDR-Biased	0.7	0.8	0.1
78	30	LDR-Biased	0.9	0.85	-0.05
79	30	LDR-Biased	0.95	0.85	-0.1
80	30	LDR-Biased	0.6	0.7	0.1
81	30	LDR-Biased	0.9	0.85	-0.05
82	30	LDR-Unbiased	0.9	0.7	-0.2
83	30	LDR-Unbiased	0.75	0.85	0.1
84	30	LDR-Unbiased	0.8	0.85	0.05
85	30	LDR-Unbiased	0.7	0.75	0.05
86	30	LDR-Unbiased	0.9	0.85	-0.05
87	100	LDR-Biased	0.8	0.9	0.1
88	100	LDR-Biased	0.75	0.9	0.15
90	100	LDR-Biased	0.6	0.75	0.15
91	100	LDR-Unbiased	0.95	1.05	0.1
93	100	LDR-Unbiased	0.85	0.65	-0.2
94	100	LDR-Unbiased	0.85	0.8	-0.05
95	100	LDR-Unbiased	0.9	0.8	-0.1
96	100	LDR-Unbiased	0.6	0.9	0.3
106	50	LDR-Biased	0.7	0.85	0.15
108	50	LDR-Biased	0.9	0.85	-0.05
109	50	LDR-Biased	0.95	0.8	-0.15
110	50	LDR-Biased	0.6	0.85	0.25
111	50	LDR-Biased	0.9	0.9	0
112	50	LDR-Unbiased	0.9	0.9	0
113	50	LDR-Unbiased	0.75	0.7	-0.05
115	50	LDR-Unbiased	0.7	1	0.3
116	50	LDR-Unbiased	0.9	0.65	-0.25
117	50	LDR-Unbiased	0.8	1	0.2

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.65	0.75	0.85	0.14142	0.65	0.75	0.85	0.14142	0	0	0	0
3	0.6	0.81	0.95	0.11738	0.7	0.845	1	0.092646	-0.2	0.035	0.3	0.17005
10	0.6	0.81	0.95	0.11738	0.75	0.835	0.95	0.078351	-0.2	0.025	0.3	0.17361
30	0.6	0.81	0.95	0.11738	0.7	0.805	0.85	0.064334	-0.2	-0.005	0.1	0.10124
50	0.6	0.81	0.95	0.11738	0.65	0.85	1	0.11304	-0.25	0.04	0.3	0.1792
100	0.6	0.7875	0.95	0.13025	0.65	0.84375	1.05	0.12082	-0.2	0.05625	0.3	0.16133

Device Test: 26.9 T_HOLD_FALL/SENSE1/3.3/3/0/0/0/@SENSE_FALL_HOLD_TIME_SEQ





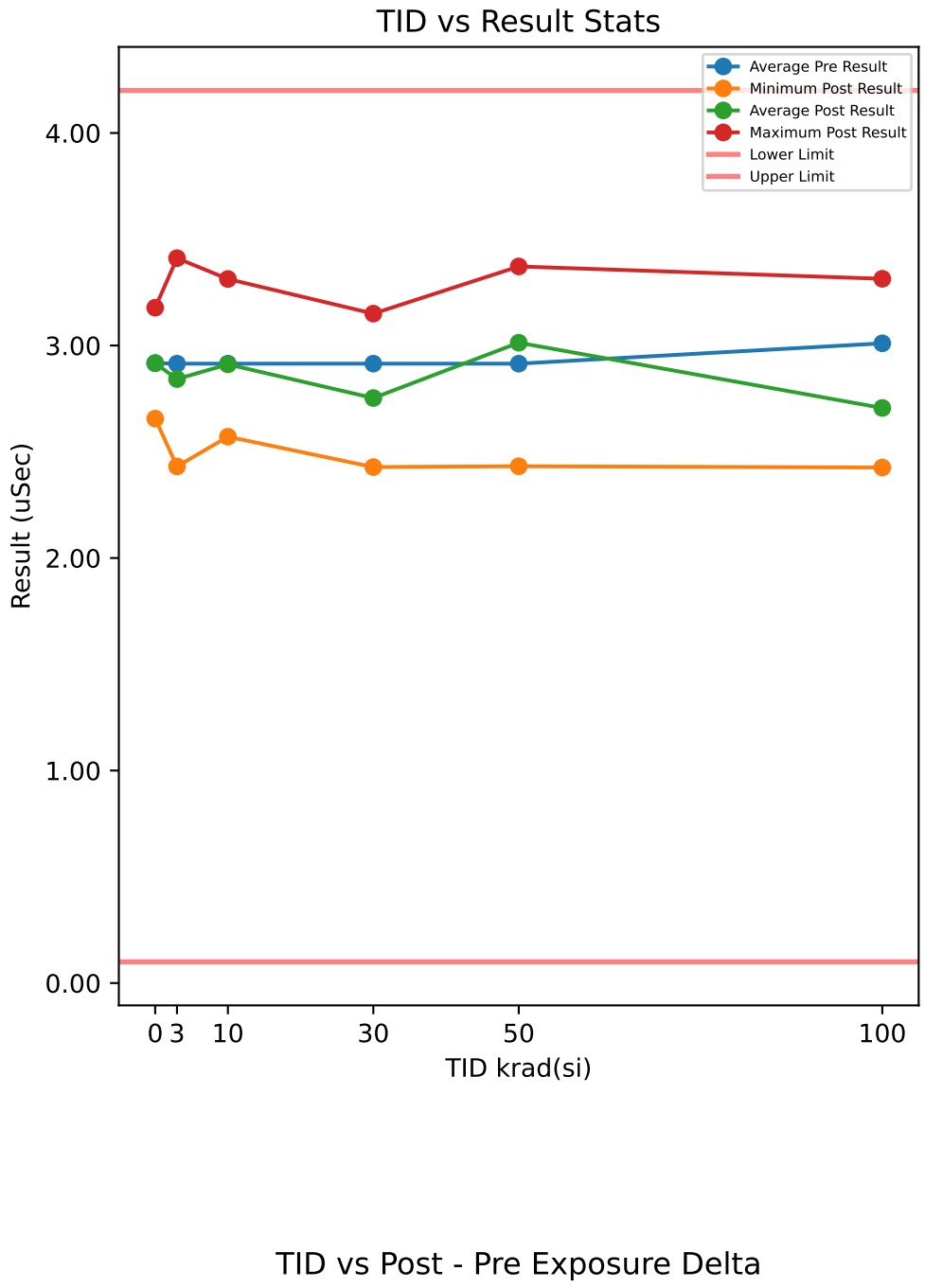
Test Results (Lower Limit = 0.0, Upper Limit = 0.95 (uSec))

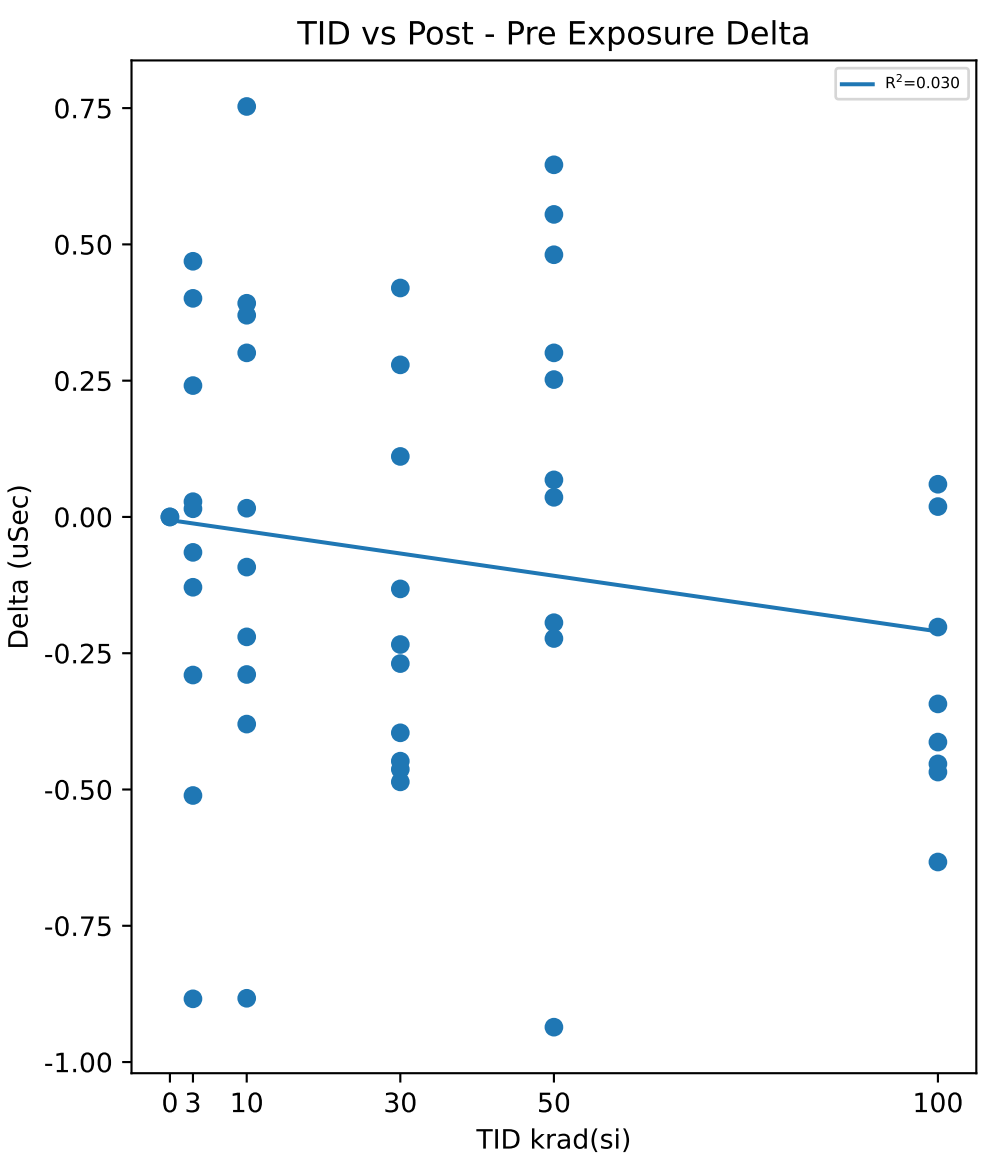
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.35	0.35	0
7	0	Correlation	0.45	0.45	0
16	3	LDR-Biased	0.25	0.2	-0.05
18	3	LDR-Biased	0.4	0.25	-0.15
19	3	LDR-Biased	0.15	0.25	0.1
20	3	LDR-Biased	0.25	0.2	-0.05
21	3	LDR-Biased	0.15	0.25	0.1
22	3	LDR-Unbiased	0.25	0.2	-0.05
23	3	LDR-Unbiased	0.35	0.3	-0.05
25	3	LDR-Unbiased	0.3	0.3	0
26	3	LDR-Unbiased	0.3	0.45	0.15
27	3	LDR-Unbiased	0.4	0.4	0
46	10	LDR-Biased	0.25	0.3	0.05
48	10	LDR-Biased	0.4	0.3	-0.1
49	10	LDR-Biased	0.15	0.25	0.1
50	10	LDR-Biased	0.25	0.25	0
51	10	LDR-Biased	0.15	0.4	0.25
52	10	LDR-Unbiased	0.25	0.2	-0.05
53	10	LDR-Unbiased	0.35	0.4	0.05
55	10	LDR-Unbiased	0.3	0.25	-0.05
56	10	LDR-Unbiased	0.3	0.25	-0.05
57	10	LDR-Unbiased	0.4	0.2	-0.2
76	30	LDR-Biased	0.25	0.5	0.25
78	30	LDR-Biased	0.4	0.3	-0.1
79	30	LDR-Biased	0.15	0.2	0.05
80	30	LDR-Biased	0.25	0.2	-0.05
81	30	LDR-Biased	0.15	0.3	0.15
82	30	LDR-Unbiased	0.25	0.3	0.05
83	30	LDR-Unbiased	0.35	0.2	-0.15
84	30	LDR-Unbiased	0.4	0.15	-0.25
85	30	LDR-Unbiased	0.3	0.35	0.05
86	30	LDR-Unbiased	0.3	0.2	-0.1
87	100	LDR-Biased	0.35	0.2	-0.15
88	100	LDR-Biased	0.2	0.3	0.1
90	100	LDR-Biased	0.25	0.2	-0.05
91	100	LDR-Unbiased	0.2	0.25	0.05
93	100	LDR-Unbiased	0.4	0.25	-0.15
94	100	LDR-Unbiased	0.25	0.2	-0.05
95	100	LDR-Unbiased	0.2	0.3	0.1
96	100	LDR-Unbiased	0.3	0.25	-0.05
106	50	LDR-Biased	0.25	0.45	0.2
108	50	LDR-Biased	0.4	0.2	-0.2
109	50	LDR-Biased	0.15	0.2	0.05
110	50	LDR-Biased	0.25	0.2	-0.05
111	50	LDR-Biased	0.15	0.3	0.15
112	50	LDR-Unbiased	0.25	0.15	-0.1
113	50	LDR-Unbiased	0.35	0.15	-0.2
115	50	LDR-Unbiased	0.3	0.35	0.05
116	50	LDR-Unbiased	0.3	0.35	0.05
117	50	LDR-Unbiased	0.4	0.25	-0.15

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.35	0.4	0.45	0.070711	0.35	0.4	0.45	0.070711	0	0	0	0
3	0.15	0.28	0.4	0.088819	0.2	0.28	0.45	0.085635	-0.15	5.5511e-18	0.15	0.091287
10	0.15	0.28	0.4	0.088819	0.2	0.28	0.4	0.071492	-0.2	2.7756e-18	0.25	0.12247
30	0.15	0.28	0.4	0.088819	0.15	0.27	0.5	0.10328	-0.25	-0.01	0.25	0.1487
50	0.15	0.28	0.4	0.088819	0.15	0.26	0.45	0.099443	-0.2	-0.02	0.2	0.14181
100	0.2	0.26875	0.4	0.075297	0.2	0.24375	0.3	0.041726	-0.15	-0.025	0.1	0.1

Device Test: 27.1 TPD_SM_FAULT/SENSE1/3.3/3/0/0/0/@SM_F_PROP_DELAY





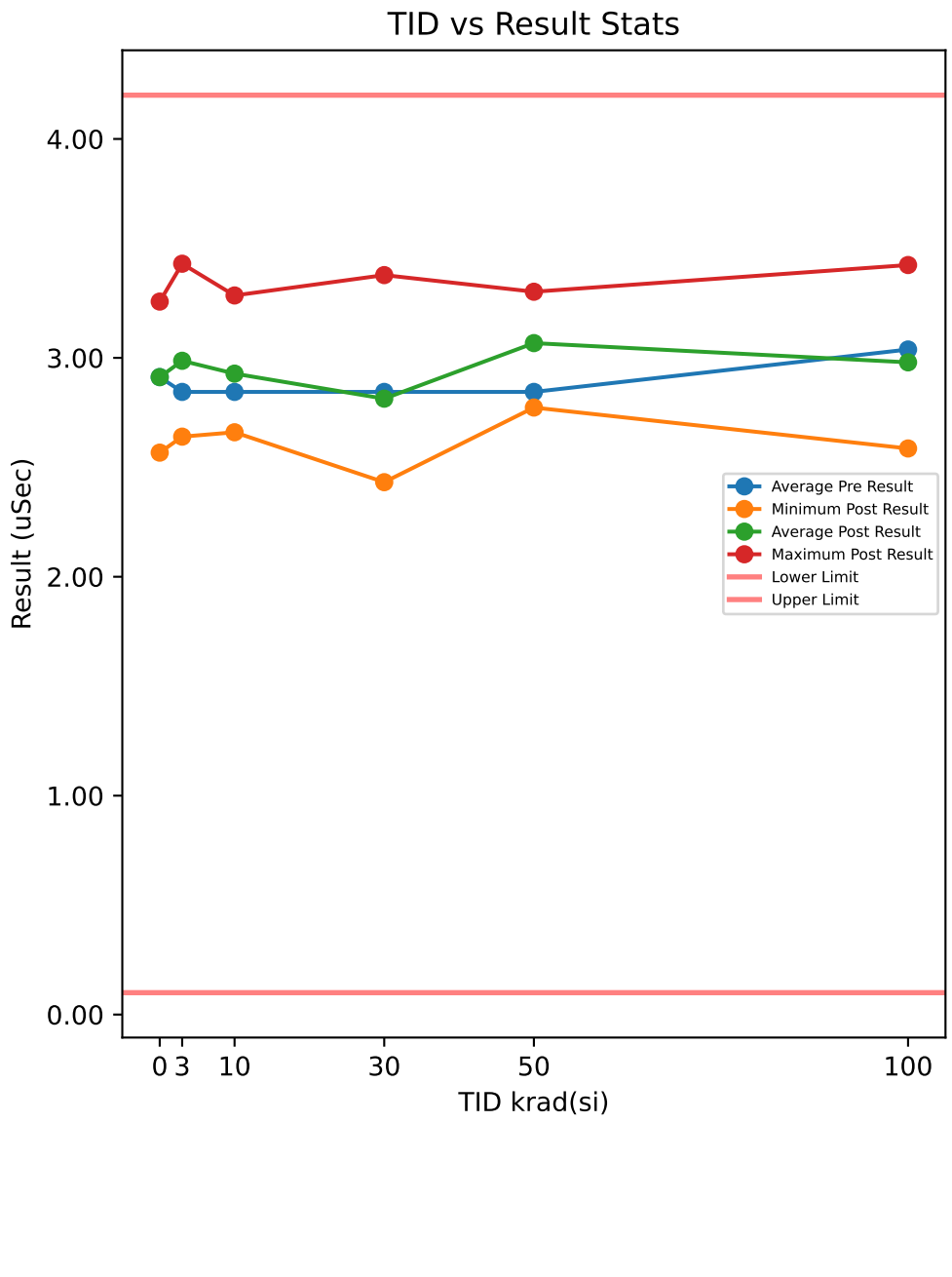
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

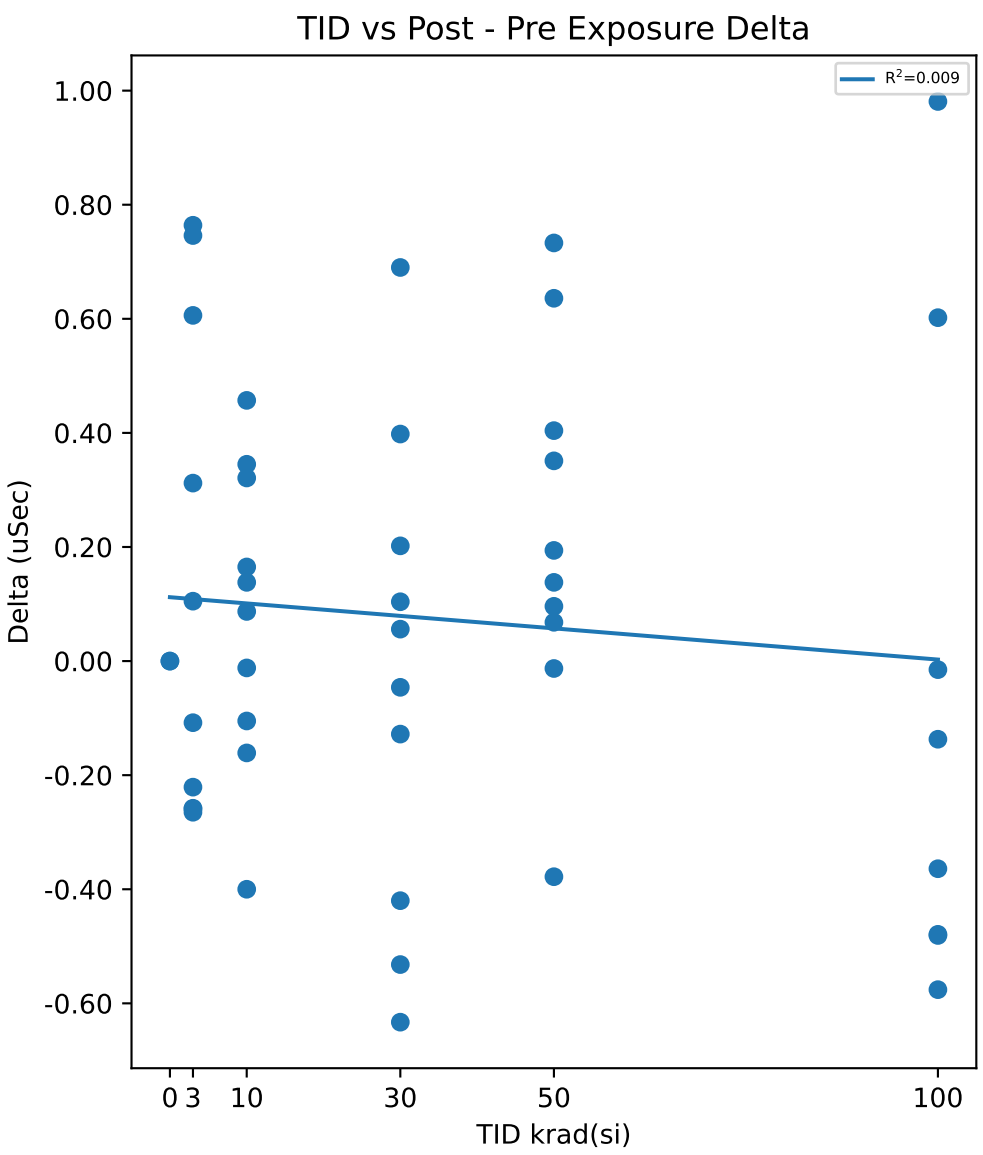
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.178	3.178	0
7	0	Correlation	2.656	2.656	0
16	3	LDR-Biased	2.629	2.644	0.015
18	3	LDR-Biased	2.942	3.411	0.469
19	3	LDR-Biased	3.454	2.57	-0.884
20	3	LDR-Biased	2.464	2.865	0.401
21	3	LDR-Biased	3.039	2.749	-0.29
22	3	LDR-Unbiased	2.56	2.431	-0.129
23	3	LDR-Unbiased	3.205	3.14	-0.065
25	3	LDR-Unbiased	3.368	2.857	-0.511
26	3	LDR-Unbiased	2.726	2.967	0.241
27	3	LDR-Unbiased	2.759	2.787	0.028
46	10	LDR-Biased	2.629	2.999	0.37
48	10	LDR-Biased	2.942	2.653	-0.289
49	10	LDR-Biased	3.454	2.571	-0.883
50	10	LDR-Biased	2.464	2.765	0.301
51	10	LDR-Biased	3.039	3.055	0.016
52	10	LDR-Unbiased	2.56	3.313	0.753
53	10	LDR-Unbiased	3.205	2.985	-0.22
55	10	LDR-Unbiased	3.368	2.988	-0.38
56	10	LDR-Unbiased	2.726	2.634	-0.092
57	10	LDR-Unbiased	2.759	3.151	0.392
76	30	LDR-Biased	2.629	2.908	0.279
78	30	LDR-Biased	2.942	2.494	-0.448
79	30	LDR-Biased	3.454	2.968	-0.486
80	30	LDR-Biased	2.464	2.884	0.42
81	30	LDR-Biased	3.039	3.15	0.111
82	30	LDR-Unbiased	2.56	2.428	-0.132
83	30	LDR-Unbiased	3.205	2.809	-0.396
84	30	LDR-Unbiased	2.759	2.525	-0.234
85	30	LDR-Unbiased	3.368	2.905	-0.463
86	30	LDR-Unbiased	2.726	2.457	-0.269
87	100	LDR-Biased	2.864	2.521	-0.343
88	100	LDR-Biased	2.619	2.638	0.019
90	100	LDR-Biased	3.254	3.314	0.06
91	100	LDR-Unbiased	3.276	2.823	-0.453
93	100	LDR-Unbiased	2.913	2.711	-0.202
94	100	LDR-Unbiased	3.059	2.426	-0.633
95	100	LDR-Unbiased	3.181	2.713	-0.468
96	100	LDR-Unbiased	2.916	2.503	-0.413
106	50	LDR-Biased	2.629	2.697	0.068
108	50	LDR-Biased	2.942	3.194	0.252
109	50	LDR-Biased	3.454	3.26	-0.194
110	50	LDR-Biased	2.464	2.765	0.301
111	50	LDR-Biased	3.039	2.816	-0.223
112	50	LDR-Unbiased	2.56	3.115	0.555
113	50	LDR-Unbiased	3.205	3.241	0.036
115	50	LDR-Unbiased	3.368	2.432	-0.936
116	50	LDR-Unbiased	2.726	3.372	0.646
117	50	LDR-Unbiased	2.759	3.24	0.481

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.656	2.917	3.178	0.36911	2.656	2.917	3.178	0.36911	0	0	0	0
3	2.464	2.9146	3.454	0.34435	2.431	2.8421	3.411	0.28338	-0.884	-0.0725	0.469	0.41296
10	2.464	2.9146	3.454	0.34435	2.571	2.9114	3.313	0.24479	-0.883	-0.0032	0.753	0.47291
30	2.464	2.9146	3.454	0.34435	2.428	2.7528	3.15	0.25464	-0.486	-0.1618	0.42	0.32616
50	2.464	2.9146	3.454	0.34435	2.432	3.0132	3.372	0.31168	-0.936	0.0986	0.646	0.46939
100	2.619	3.0103	3.276	0.225	2.426	2.7061	3.314	0.27823	-0.633	-0.30412	0.06	0.24436

Device Test: 27.2 TPD_SM_FAULT/SENSE2/3.3/3/0/0/0/@SM_F_PROP_DELAY





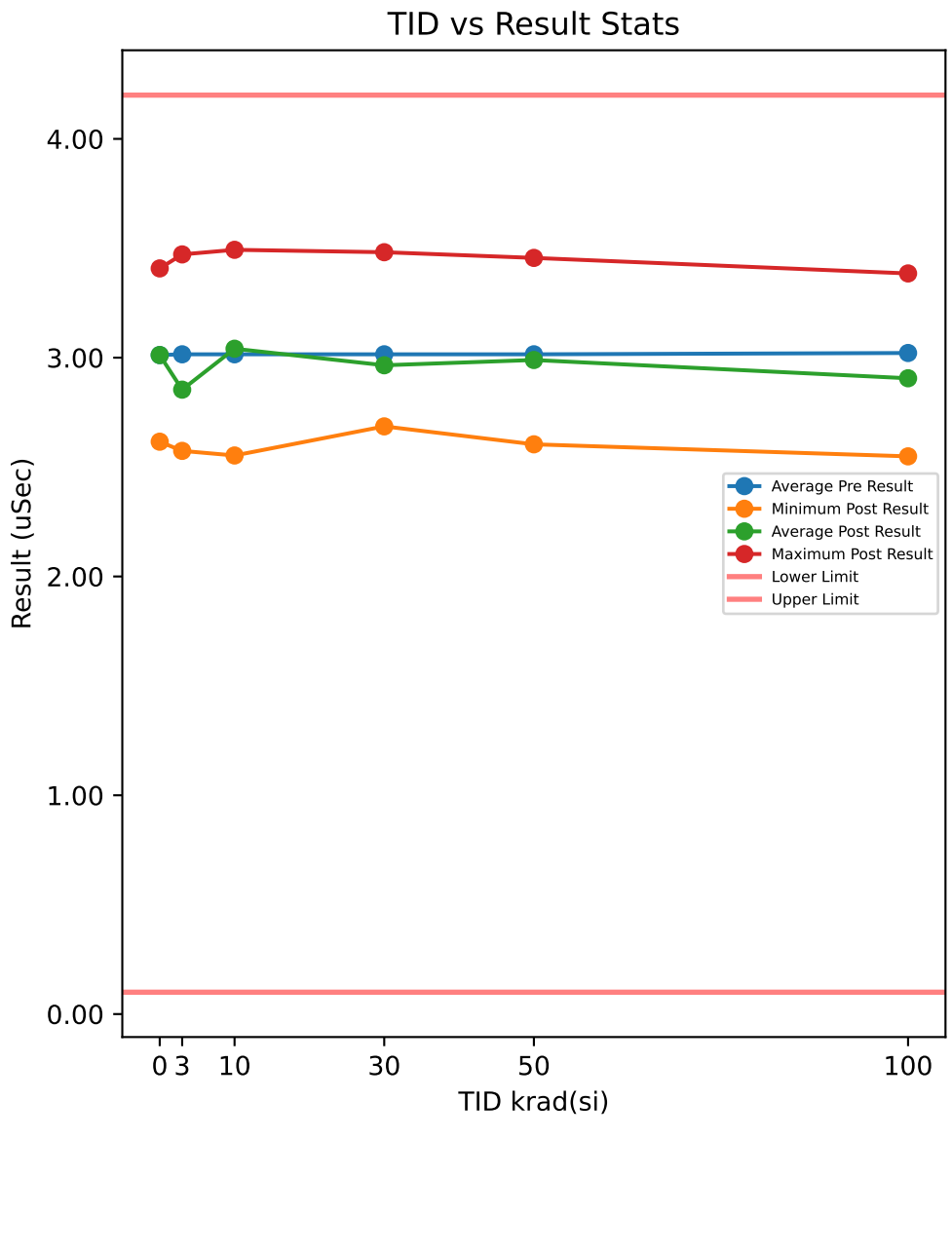
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

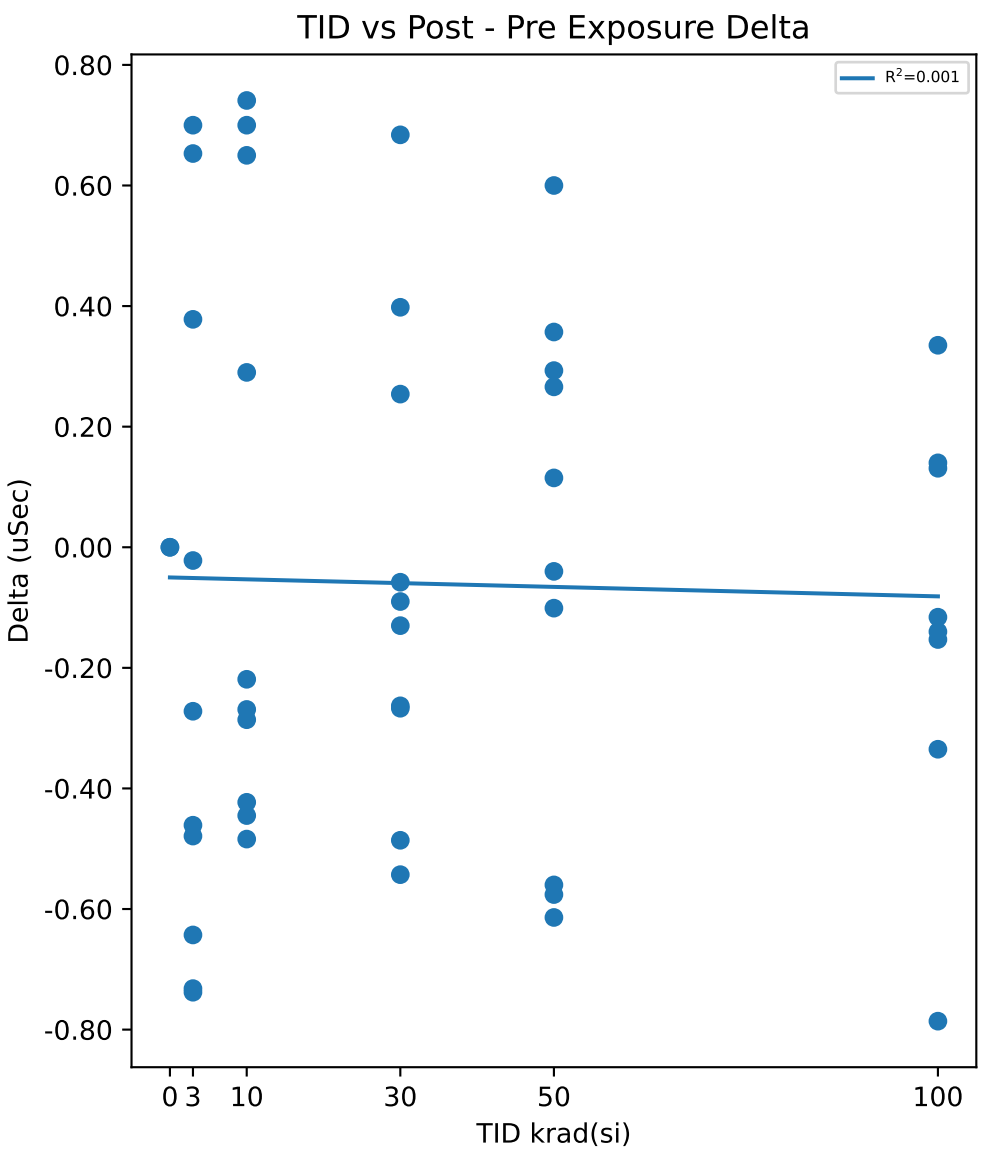
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.257	3.257	0
7	0	Correlation	2.567	2.567	0
16	3	LDR-Biased	3.114	3.219	0.105
18	3	LDR-Biased	3.147	2.889	-0.258
19	3	LDR-Biased	2.914	2.649	-0.265
20	3	LDR-Biased	2.688	3	0.312
21	3	LDR-Biased	2.964	2.705	-0.259
22	3	LDR-Unbiased	3.151	2.93	-0.221
23	3	LDR-Unbiased	2.666	3.43	0.764
25	3	LDR-Unbiased	2.748	2.64	-0.108
26	3	LDR-Unbiased	2.53	3.276	0.746
27	3	LDR-Unbiased	2.522	3.128	0.606
46	10	LDR-Biased	3.114	2.953	-0.161
48	10	LDR-Biased	3.147	2.747	-0.4
49	10	LDR-Biased	2.914	3.001	0.087
50	10	LDR-Biased	2.688	3.145	0.457
51	10	LDR-Biased	2.964	3.285	0.321
52	10	LDR-Unbiased	3.151	3.046	-0.105
53	10	LDR-Unbiased	2.666	2.831	0.165
55	10	LDR-Unbiased	2.748	2.736	-0.012
56	10	LDR-Unbiased	2.53	2.875	0.345
57	10	LDR-Unbiased	2.522	2.66	0.138
76	30	LDR-Biased	3.114	3.17	0.056
78	30	LDR-Biased	3.147	2.727	-0.42
79	30	LDR-Biased	2.914	2.868	-0.046
80	30	LDR-Biased	2.688	3.378	0.69
81	30	LDR-Biased	2.964	2.432	-0.532
82	30	LDR-Unbiased	3.151	2.518	-0.633
83	30	LDR-Unbiased	2.666	2.538	-0.128
84	30	LDR-Unbiased	2.522	2.724	0.202
85	30	LDR-Unbiased	2.748	3.146	0.398
86	30	LDR-Unbiased	2.53	2.634	0.104
87	100	LDR-Biased	3.364	3.227	-0.137
88	100	LDR-Biased	3.343	2.767	-0.576
90	100	LDR-Biased	2.881	2.866	-0.015
91	100	LDR-Unbiased	2.443	3.424	0.981
93	100	LDR-Unbiased	3.384	2.903	-0.481
94	100	LDR-Unbiased	2.632	3.234	0.602
95	100	LDR-Unbiased	3.065	2.586	-0.479
96	100	LDR-Unbiased	3.193	2.829	-0.364
106	50	LDR-Biased	3.114	3.21	0.096
108	50	LDR-Biased	3.147	3.134	-0.013
109	50	LDR-Biased	2.914	3.265	0.351
110	50	LDR-Biased	2.688	2.882	0.194
111	50	LDR-Biased	2.964	3.102	0.138
112	50	LDR-Unbiased	3.151	2.773	-0.378
113	50	LDR-Unbiased	2.666	3.302	0.636
115	50	LDR-Unbiased	2.748	2.816	0.068
116	50	LDR-Unbiased	2.53	2.934	0.404
117	50	LDR-Unbiased	2.522	3.255	0.733

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.567	2.912	3.257	0.4879	2.567	2.912	3.257	0.4879	0	0	0	0
3	2.522	2.8444	3.151	0.24625	2.64	2.9866	3.43	0.27501	-0.265	0.1422	0.764	0.43179
10	2.522	2.8444	3.151	0.24625	2.66	2.9279	3.285	0.19666	-0.4	0.0835	0.457	0.26079
30	2.522	2.8444	3.151	0.24625	2.432	2.8135	3.378	0.31898	-0.633	-0.0309	0.69	0.41611
50	2.522	2.8444	3.151	0.24625	2.773	3.0673	3.302	0.19924	-0.378	0.2229	0.733	0.32403
100	2.443	3.0381	3.384	0.35603	2.586	2.9795	3.424	0.2841	-0.576	-0.058625	0.981	0.56585

Device Test: 27.3 TPD_SM_FAULT/SENSE3/3.3/3/0/0/0/@SM_F_PROP_DELAY





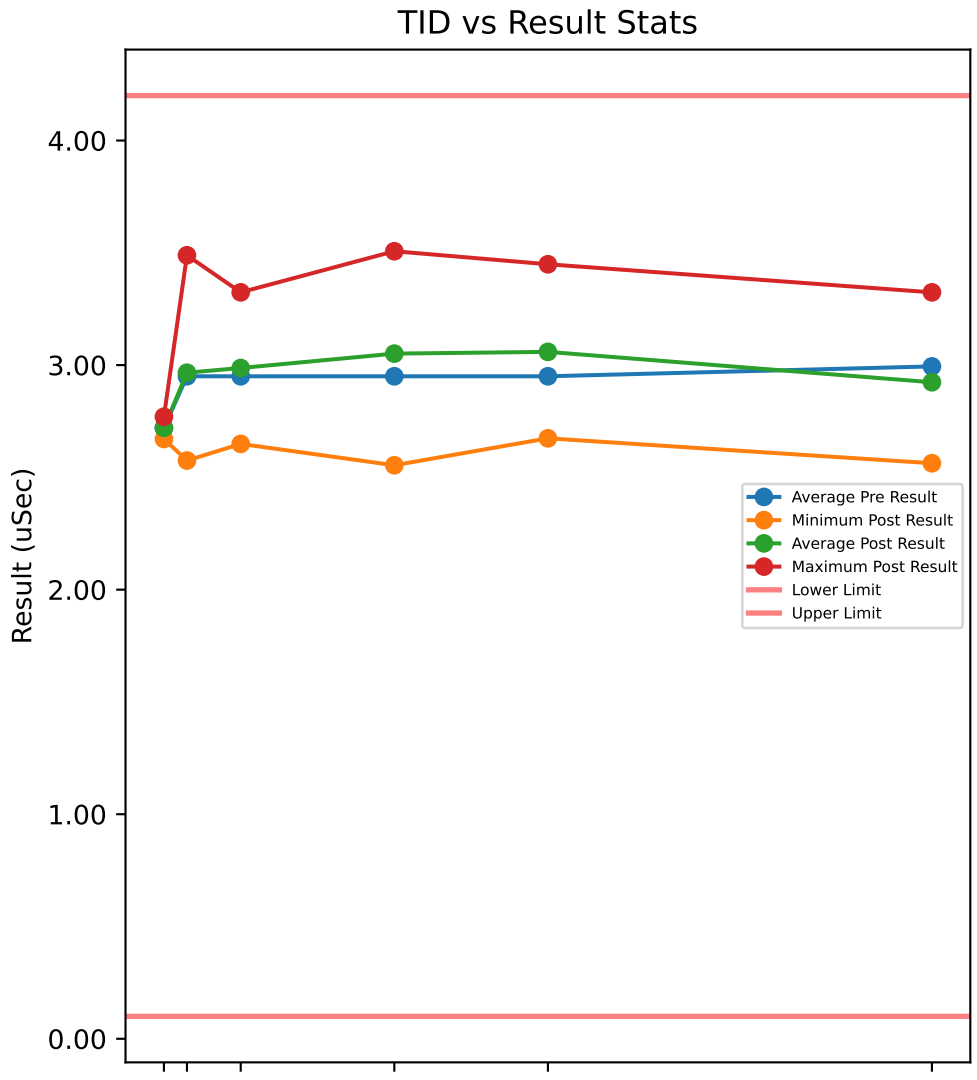
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

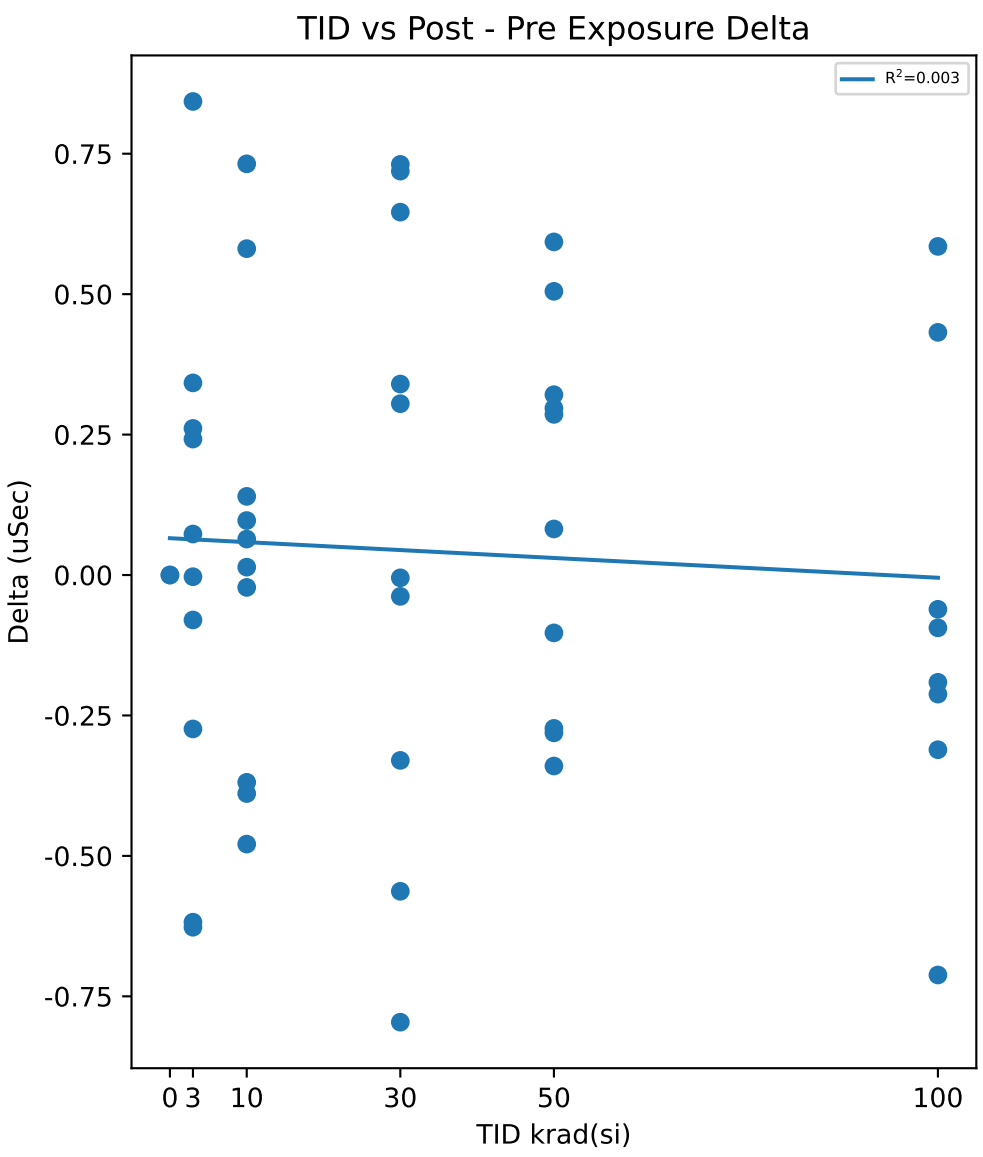
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.408	3.408	0
7	0	Correlation	2.616	2.616	0
16	3	LDR-Biased	3.084	2.812	-0.272
18	3	LDR-Biased	2.772	3.472	0.7
19	3	LDR-Biased	3.437	2.699	-0.738
20	3	LDR-Biased	2.793	3.171	0.378
21	3	LDR-Biased	3.099	2.62	-0.479
22	3	LDR-Unbiased	3.306	2.574	-0.732
23	3	LDR-Unbiased	2.644	2.622	-0.022
25	3	LDR-Unbiased	3.229	2.586	-0.643
26	3	LDR-Unbiased	3.098	2.637	-0.461
27	3	LDR-Unbiased	2.692	3.345	0.653
46	10	LDR-Biased	3.084	3.374	0.29
48	10	LDR-Biased	2.772	2.553	-0.219
49	10	LDR-Biased	3.437	3.151	-0.286
50	10	LDR-Biased	2.793	3.493	0.7
51	10	LDR-Biased	3.099	2.676	-0.423
52	10	LDR-Unbiased	3.306	2.861	-0.445
53	10	LDR-Unbiased	2.644	3.385	0.741
55	10	LDR-Unbiased	3.229	2.96	-0.269
56	10	LDR-Unbiased	3.098	2.614	-0.484
57	10	LDR-Unbiased	2.692	3.342	0.65
76	30	LDR-Biased	3.084	3.482	0.398
78	30	LDR-Biased	2.772	2.714	-0.058
79	30	LDR-Biased	3.437	3.17	-0.267
80	30	LDR-Biased	2.793	2.703	-0.09
81	30	LDR-Biased	3.099	2.836	-0.263
82	30	LDR-Unbiased	3.306	2.82	-0.486
83	30	LDR-Unbiased	2.644	3.328	0.684
84	30	LDR-Unbiased	2.692	2.946	0.254
85	30	LDR-Unbiased	3.229	2.686	-0.543
86	30	LDR-Unbiased	3.098	2.968	-0.13
87	100	LDR-Biased	2.674	2.814	0.14
88	100	LDR-Biased	2.796	2.643	-0.153
90	100	LDR-Biased	3.335	2.549	-0.786
91	100	LDR-Unbiased	3.031	3.366	0.335
93	100	LDR-Unbiased	3.198	2.863	-0.335
94	100	LDR-Unbiased	3.501	3.385	-0.116
95	100	LDR-Unbiased	3.09	2.95	-0.14
96	100	LDR-Unbiased	2.546	2.677	0.131
106	50	LDR-Biased	3.084	3.377	0.293
108	50	LDR-Biased	2.772	3.372	0.6
109	50	LDR-Biased	3.437	2.877	-0.56
110	50	LDR-Biased	2.793	2.908	0.115
111	50	LDR-Biased	3.099	3.456	0.357
112	50	LDR-Unbiased	3.306	2.692	-0.614
113	50	LDR-Unbiased	2.644	2.604	-0.04
115	50	LDR-Unbiased	3.229	2.653	-0.576
116	50	LDR-Unbiased	3.098	2.997	-0.101
117	50	LDR-Unbiased	2.692	2.958	0.266

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.616	3.012	3.408	0.56003	2.616	3.012	3.408	0.56003	0	0	0	0
3	2.644	3.0154	3.437	0.27438	2.574	2.8538	3.472	0.34241	-0.738	-0.1616	0.7	0.55862
10	2.644	3.0154	3.437	0.27438	2.553	3.0409	3.493	0.35416	-0.484	0.0255	0.741	0.51126
30	2.644	3.0154	3.437	0.27438	2.686	2.9653	3.482	0.27661	-0.543	-0.0501	0.684	0.38952
50	2.644	3.0154	3.437	0.27438	2.604	2.9894	3.456	0.31354	-0.614	-0.026	0.6	0.43265
100	2.546	3.0214	3.501	0.3299	2.549	2.9059	3.385	0.31676	-0.786	-0.1155	0.335	0.34408

Device Test: 27.4 TPD_SM_FAULT/SENSE4/3.3/3/0/0/0/@SM_F_PROP_DELAY





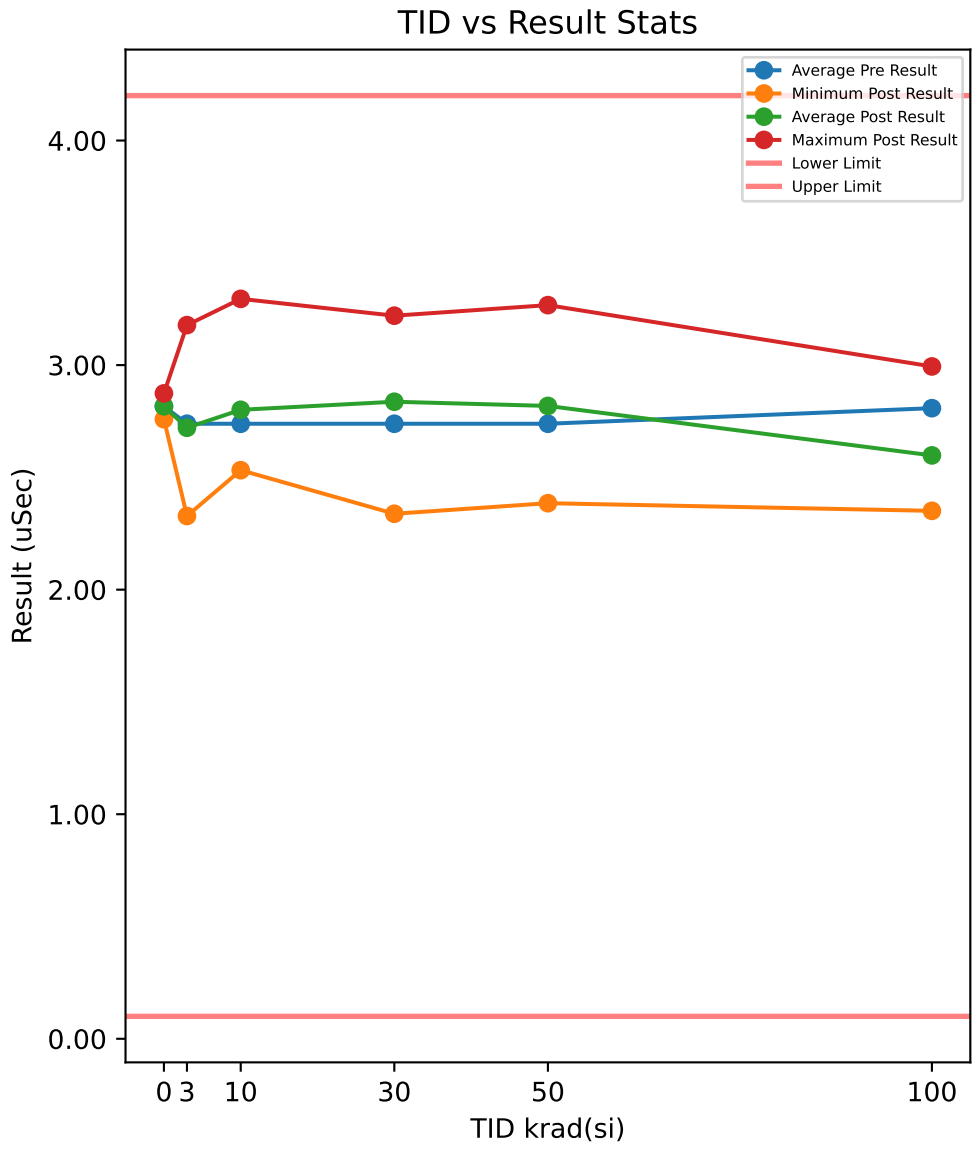
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

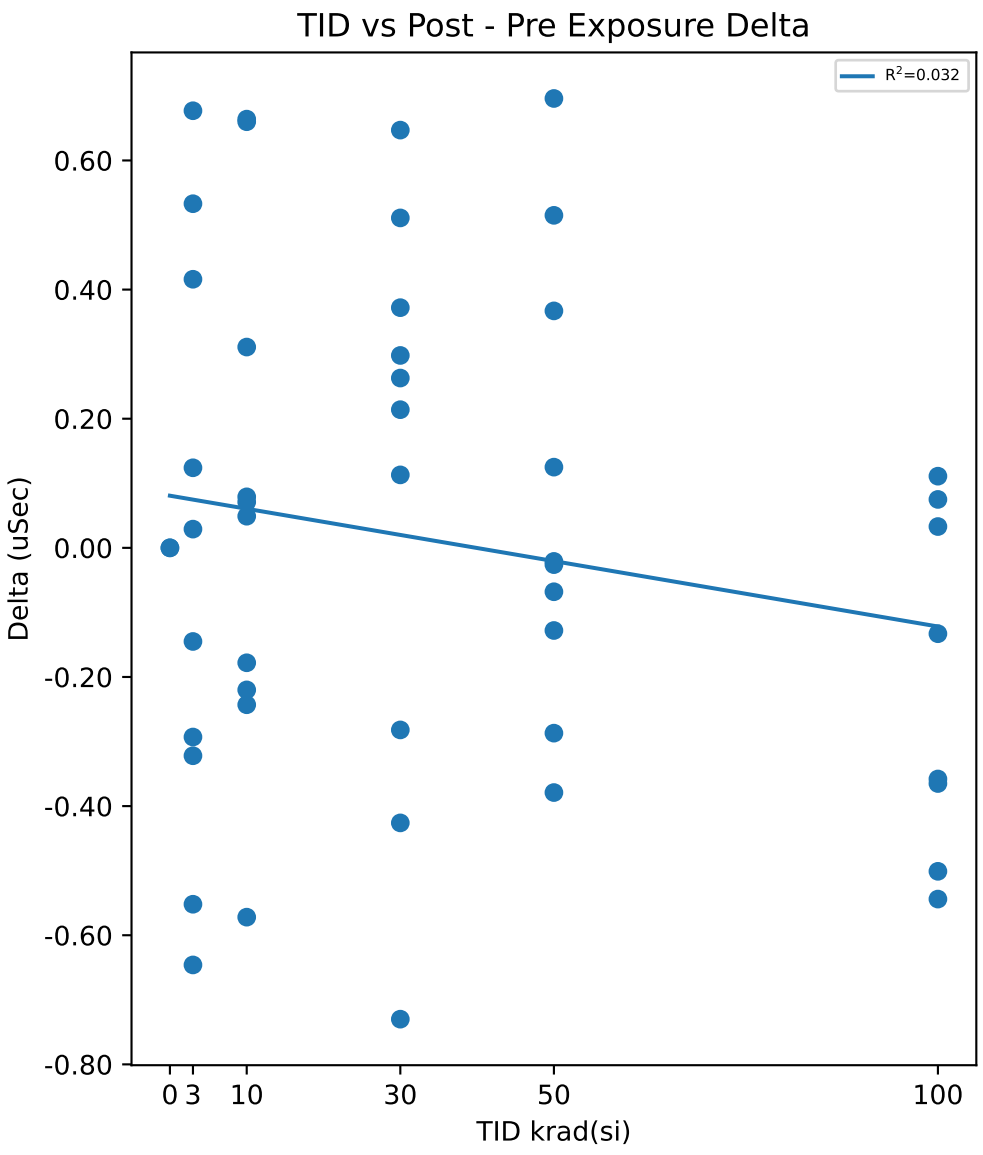
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.77	2.77	0
7	0	Correlation	2.671	2.671	0
16	3	LDR-Biased	3.128	3.47	0.342
18	3	LDR-Biased	2.646	3.489	0.843
19	3	LDR-Biased	2.81	3.052	0.242
20	3	LDR-Biased	3.261	2.643	-0.618
21	3	LDR-Biased	2.593	2.59	-0.003
22	3	LDR-Unbiased	2.713	2.786	0.073
23	3	LDR-Unbiased	3.543	3.269	-0.274
25	3	LDR-Unbiased	3.014	2.934	-0.08
26	3	LDR-Unbiased	2.592	2.853	0.261
27	3	LDR-Unbiased	3.202	2.575	-0.627
46	10	LDR-Biased	3.128	2.649	-0.479
48	10	LDR-Biased	2.646	3.227	0.581
49	10	LDR-Biased	2.81	2.824	0.014
50	10	LDR-Biased	3.261	3.239	-0.022
51	10	LDR-Biased	2.593	2.657	0.064
52	10	LDR-Unbiased	2.713	2.853	0.14
53	10	LDR-Unbiased	3.543	3.154	-0.389
55	10	LDR-Unbiased	3.014	3.111	0.097
56	10	LDR-Unbiased	2.592	3.324	0.732
57	10	LDR-Unbiased	3.202	2.833	-0.369
76	30	LDR-Biased	3.128	2.565	-0.563
78	30	LDR-Biased	2.646	3.365	0.719
79	30	LDR-Biased	2.81	3.15	0.34
80	30	LDR-Biased	3.261	3.256	-0.005
81	30	LDR-Biased	2.593	3.239	0.646
82	30	LDR-Unbiased	2.713	3.444	0.731
83	30	LDR-Unbiased	3.543	2.747	-0.796
84	30	LDR-Unbiased	3.202	3.507	0.305
85	30	LDR-Unbiased	3.014	2.684	-0.33
86	30	LDR-Unbiased	2.592	2.554	-0.038
87	100	LDR-Biased	2.882	2.571	-0.311
88	100	LDR-Biased	3.275	2.563	-0.712
90	100	LDR-Biased	2.923	2.862	-0.061
91	100	LDR-Unbiased	2.739	3.324	0.585
93	100	LDR-Unbiased	2.875	2.663	-0.212
94	100	LDR-Unbiased	2.75	3.182	0.432
95	100	LDR-Unbiased	3.203	3.109	-0.094
96	100	LDR-Unbiased	3.306	3.115	-0.191
106	50	LDR-Biased	3.128	3.449	0.321
108	50	LDR-Biased	2.646	3.239	0.593
109	50	LDR-Biased	2.81	2.707	-0.103
110	50	LDR-Biased	3.261	2.988	-0.273
111	50	LDR-Biased	2.593	2.89	0.297
112	50	LDR-Unbiased	2.713	3.218	0.505
113	50	LDR-Unbiased	3.543	3.203	-0.34
115	50	LDR-Unbiased	3.014	3.3	0.286
116	50	LDR-Unbiased	2.592	2.674	0.082
117	50	LDR-Unbiased	3.202	2.921	-0.281

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.671	2.7205	2.77	0.070004	2.671	2.7205	2.77	0.070004	0	0	0	0
3	2.592	2.9502	3.543	0.32854	2.575	2.9661	3.489	0.34505	-0.627	0.0159	0.843	0.4489
10	2.592	2.9502	3.543	0.32854	2.649	2.9871	3.324	0.25151	-0.479	0.0369	0.732	0.39588
30	2.592	2.9502	3.543	0.32854	2.554	3.0511	3.507	0.37394	-0.796	0.1009	0.731	0.54123
50	2.592	2.9502	3.543	0.32854	2.674	3.0589	3.449	0.26106	-0.34	0.1087	0.593	0.34124
100	2.739	2.9941	3.306	0.23185	2.563	2.9236	3.324	0.29861	-0.712	-0.0705	0.585	0.41174

Device Test: 27.5 TPD_SM_FAULT/SENSE1/3.3/14/0/0/0/@SM_F_PROP_DELAY





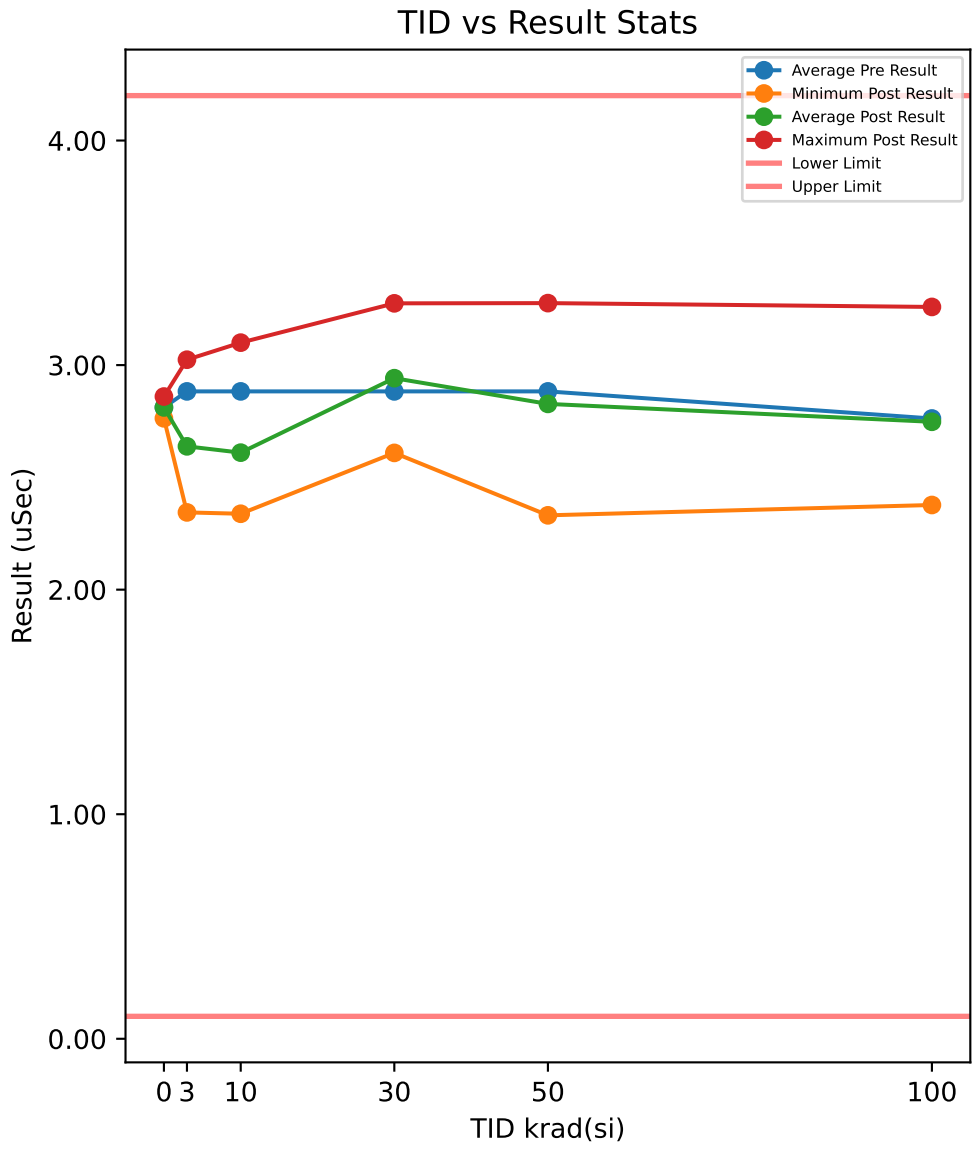
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

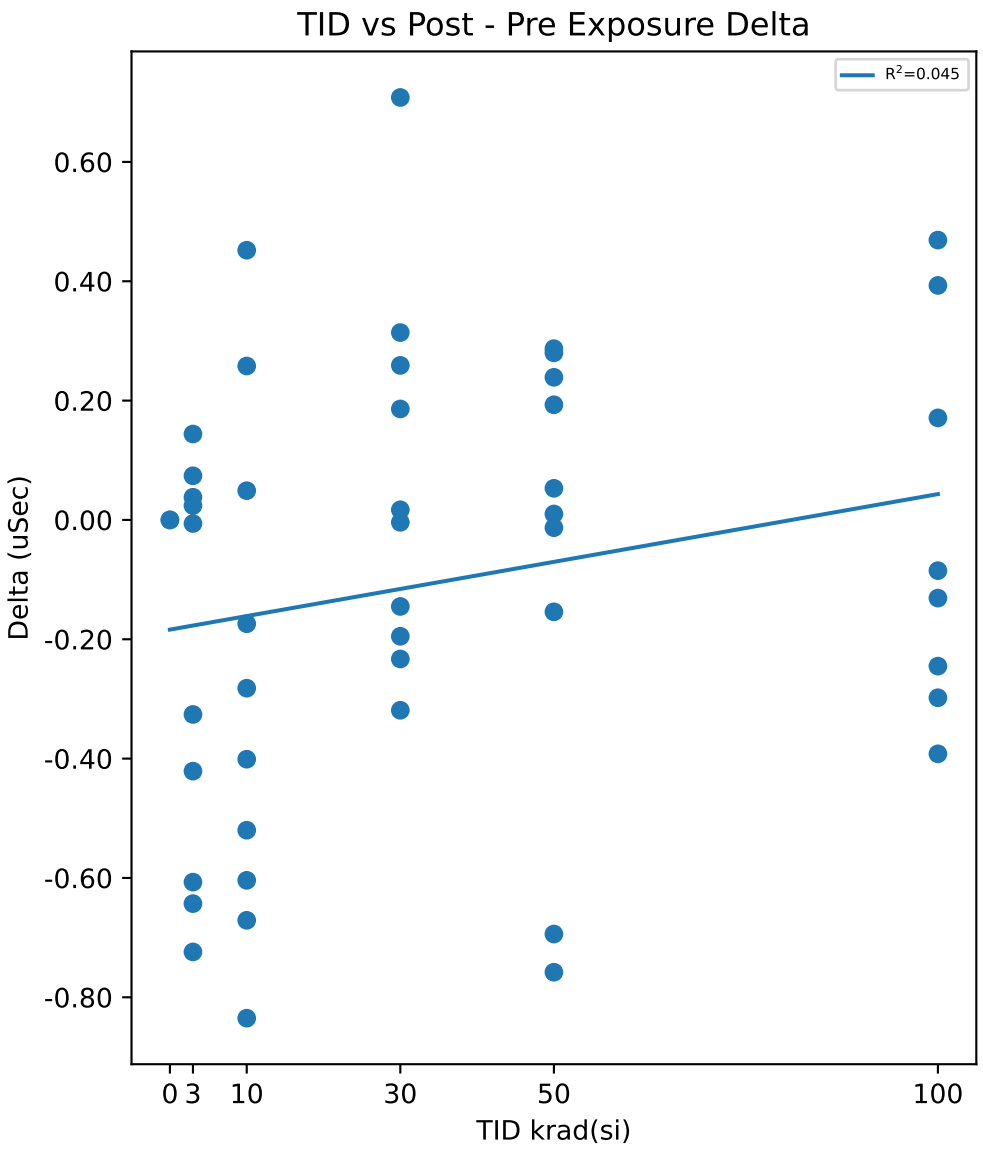
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.874	2.874	0
7	0	Correlation	2.759	2.759	0
16	3	LDR-Biased	2.571	2.695	0.124
18	3	LDR-Biased	2.88	2.328	-0.552
19	3	LDR-Biased	2.631	3.047	0.416
20	3	LDR-Biased	3.107	2.814	-0.293
21	3	LDR-Biased	2.565	2.42	-0.145
22	3	LDR-Unbiased	2.444	2.977	0.533
23	3	LDR-Unbiased	2.764	2.793	0.029
25	3	LDR-Unbiased	3.173	2.527	-0.646
26	3	LDR-Unbiased	2.501	3.178	0.677
27	3	LDR-Unbiased	2.752	2.43	-0.322
46	10	LDR-Biased	2.571	2.62	0.049
48	10	LDR-Biased	2.88	2.637	-0.243
49	10	LDR-Biased	2.631	3.295	0.664
50	10	LDR-Biased	3.107	2.535	-0.572
51	10	LDR-Biased	2.565	2.644	0.079
52	10	LDR-Unbiased	2.444	3.104	0.66
53	10	LDR-Unbiased	2.764	3.075	0.311
55	10	LDR-Unbiased	3.173	2.995	-0.178
56	10	LDR-Unbiased	2.501	2.572	0.071
57	10	LDR-Unbiased	2.752	2.532	-0.22
76	30	LDR-Biased	2.571	3.082	0.511
78	30	LDR-Biased	2.88	2.598	-0.282
79	30	LDR-Biased	2.631	3.003	0.372
80	30	LDR-Biased	3.107	3.22	0.113
81	30	LDR-Biased	2.565	3.212	0.647
82	30	LDR-Unbiased	2.444	2.658	0.214
83	30	LDR-Unbiased	2.764	2.338	-0.426
84	30	LDR-Unbiased	2.752	3.05	0.298
85	30	LDR-Unbiased	3.173	2.443	-0.73
86	30	LDR-Unbiased	2.501	2.764	0.263
87	100	LDR-Biased	3.068	2.567	-0.501
88	100	LDR-Biased	2.806	2.917	0.111
90	100	LDR-Biased	2.617	2.484	-0.133
91	100	LDR-Unbiased	2.385	2.418	0.033
93	100	LDR-Unbiased	2.919	2.994	0.075
94	100	LDR-Unbiased	2.962	2.604	-0.358
95	100	LDR-Unbiased	2.813	2.448	-0.365
96	100	LDR-Unbiased	2.895	2.351	-0.544
106	50	LDR-Biased	2.571	3.267	0.696
108	50	LDR-Biased	2.88	2.812	-0.068
109	50	LDR-Biased	2.631	2.998	0.367
110	50	LDR-Biased	3.107	2.82	-0.287
111	50	LDR-Biased	2.565	2.544	-0.021
112	50	LDR-Unbiased	2.444	2.959	0.515
113	50	LDR-Unbiased	2.764	2.385	-0.379
115	50	LDR-Unbiased	3.173	3.045	-0.128
116	50	LDR-Unbiased	2.501	2.626	0.125
117	50	LDR-Unbiased	2.752	2.726	-0.026

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.759	2.8165	2.874	0.081317	2.759	2.8165	2.874	0.081317	0	0	0	0
3	2.444	2.7388	3.173	0.24906	2.328	2.7209	3.178	0.29108	-0.646	-0.0179	0.677	0.45474
10	2.444	2.7388	3.173	0.24906	2.532	2.8009	3.295	0.28449	-0.572	0.0621	0.664	0.39646
30	2.444	2.7388	3.173	0.24906	2.338	2.8368	3.22	0.31955	-0.73	0.098	0.647	0.43875
50	2.444	2.7388	3.173	0.24906	2.385	2.8182	3.267	0.26105	-0.379	0.0794	0.696	0.34722
100	2.385	2.8081	3.068	0.21602	2.351	2.5979	2.994	0.23558	-0.544	-0.21025	0.111	0.26496

Device Test: 27.6 TPD_SM_FAULT/SENSE2/3.3/14/0/0/0/@SM_F_PROP_DELAY





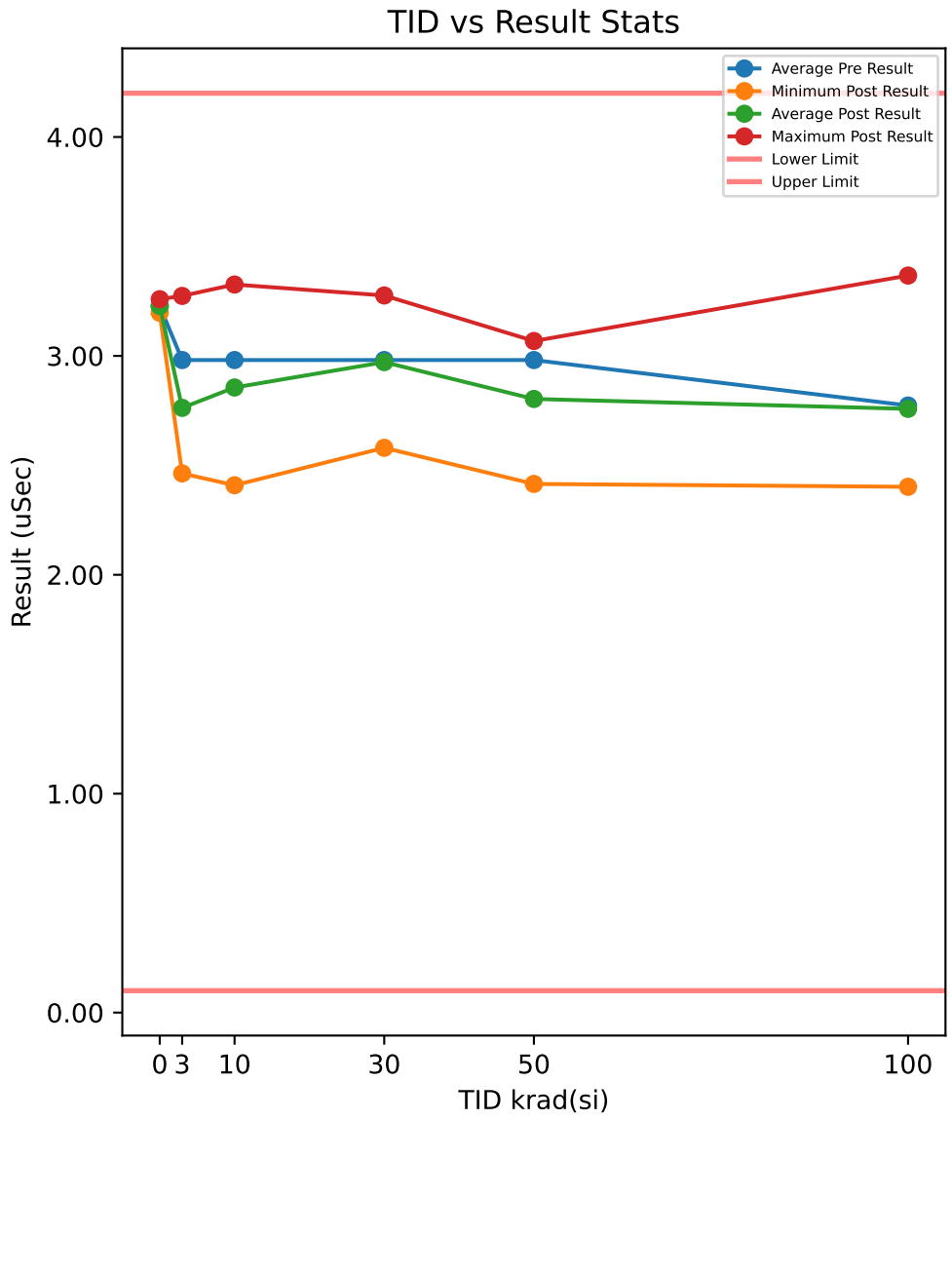
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

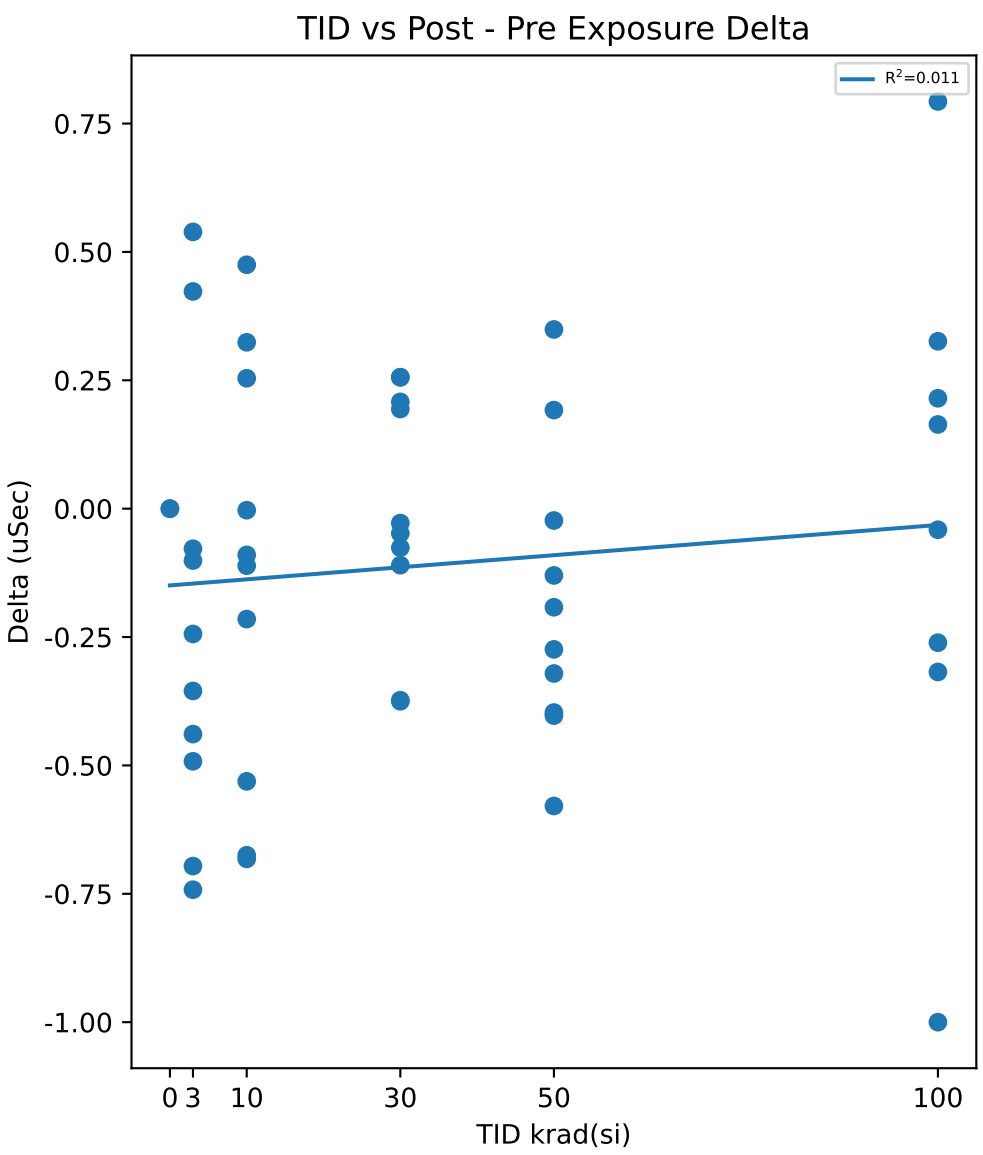
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.763	2.763	0
7	0	Correlation	2.86	2.86	0
16	3	LDR-Biased	2.6	2.594	-0.006
18	3	LDR-Biased	3.225	2.804	-0.421
19	3	LDR-Biased	2.842	2.88	0.038
20	3	LDR-Biased	3.089	2.763	-0.326
21	3	LDR-Biased	3.083	2.359	-0.724
22	3	LDR-Unbiased	2.987	2.344	-0.643
23	3	LDR-Unbiased	2.547	2.571	0.024
25	3	LDR-Unbiased	2.567	2.641	0.074
26	3	LDR-Unbiased	3.009	2.402	-0.607
27	3	LDR-Unbiased	2.88	3.024	0.144
46	10	LDR-Biased	2.6	3.052	0.452
48	10	LDR-Biased	3.225	2.39	-0.835
49	10	LDR-Biased	2.842	3.1	0.258
50	10	LDR-Biased	3.089	2.807	-0.282
51	10	LDR-Biased	3.083	2.479	-0.604
52	10	LDR-Unbiased	2.987	2.467	-0.52
53	10	LDR-Unbiased	2.547	2.596	0.049
55	10	LDR-Unbiased	2.567	2.393	-0.174
56	10	LDR-Unbiased	3.009	2.338	-0.671
57	10	LDR-Unbiased	2.88	2.479	-0.401
76	30	LDR-Biased	2.6	2.914	0.314
78	30	LDR-Biased	3.225	3.03	-0.195
79	30	LDR-Biased	2.842	2.609	-0.233
80	30	LDR-Biased	3.089	3.106	0.017
81	30	LDR-Biased	3.083	2.764	-0.319
82	30	LDR-Unbiased	2.987	3.246	0.259
83	30	LDR-Unbiased	2.547	2.733	0.186
84	30	LDR-Unbiased	2.88	2.735	-0.145
85	30	LDR-Unbiased	2.567	3.275	0.708
86	30	LDR-Unbiased	3.009	3.005	-0.004
87	100	LDR-Biased	2.508	2.377	-0.131
88	100	LDR-Biased	3.23	2.932	-0.298
90	100	LDR-Biased	2.749	2.664	-0.085
91	100	LDR-Unbiased	2.424	2.595	0.171
93	100	LDR-Unbiased	2.866	3.259	0.393
94	100	LDR-Unbiased	2.708	3.177	0.469
95	100	LDR-Unbiased	2.902	2.51	-0.392
96	100	LDR-Unbiased	2.711	2.466	-0.245
106	50	LDR-Biased	2.6	2.61	0.01
108	50	LDR-Biased	3.225	2.531	-0.694
109	50	LDR-Biased	2.842	3.129	0.287
110	50	LDR-Biased	3.089	2.331	-0.758
111	50	LDR-Biased	3.083	3.276	0.193
112	50	LDR-Unbiased	2.987	3.04	0.053
113	50	LDR-Unbiased	2.547	2.393	-0.154
115	50	LDR-Unbiased	2.567	2.847	0.28
116	50	LDR-Unbiased	3.009	2.996	-0.013
117	50	LDR-Unbiased	2.88	3.119	0.239

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.763	2.8115	2.86	0.068589	2.763	2.8115	2.86	0.068589	0	0	0	0
3	2.547	2.8829	3.225	0.24051	2.344	2.6382	3.024	0.23025	-0.724	-0.2447	0.144	0.3365
10	2.547	2.8829	3.225	0.24051	2.338	2.6101	3.1	0.27863	-0.835	-0.2728	0.452	0.41931
30	2.547	2.8829	3.225	0.24051	2.609	2.9417	3.275	0.22896	-0.319	0.0588	0.708	0.31311
50	2.547	2.8829	3.225	0.24051	2.331	2.8272	3.276	0.33689	-0.758	-0.0557	0.287	0.3811
100	2.424	2.7622	3.23	0.24897	2.377	2.7475	3.259	0.33451	-0.392	-0.01475	0.469	0.32267

Device Test: 27.7 TPD_SM_FAULT/SENSE3/3.3/14/0/0/0/@SM_F_PROP_DELAY





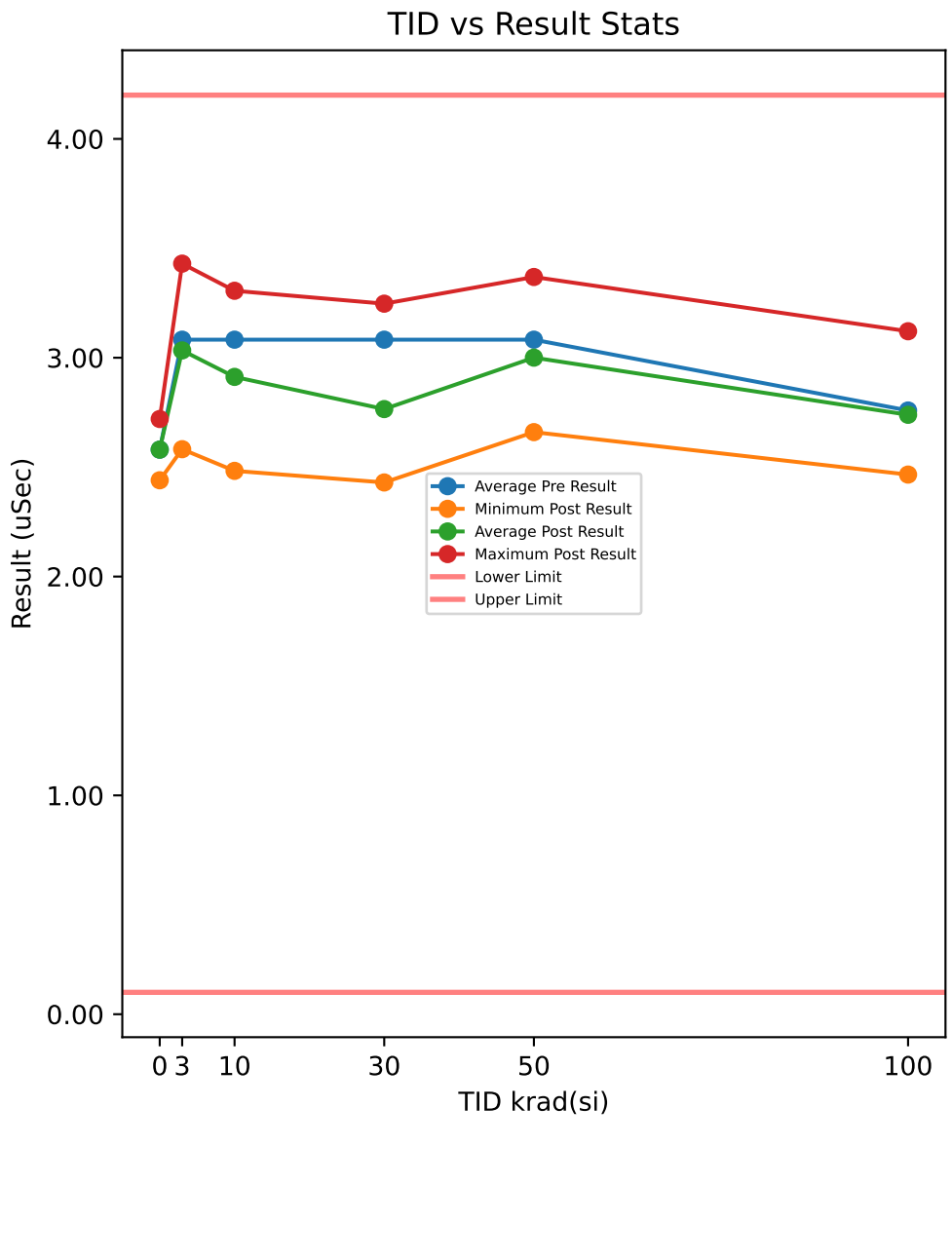
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

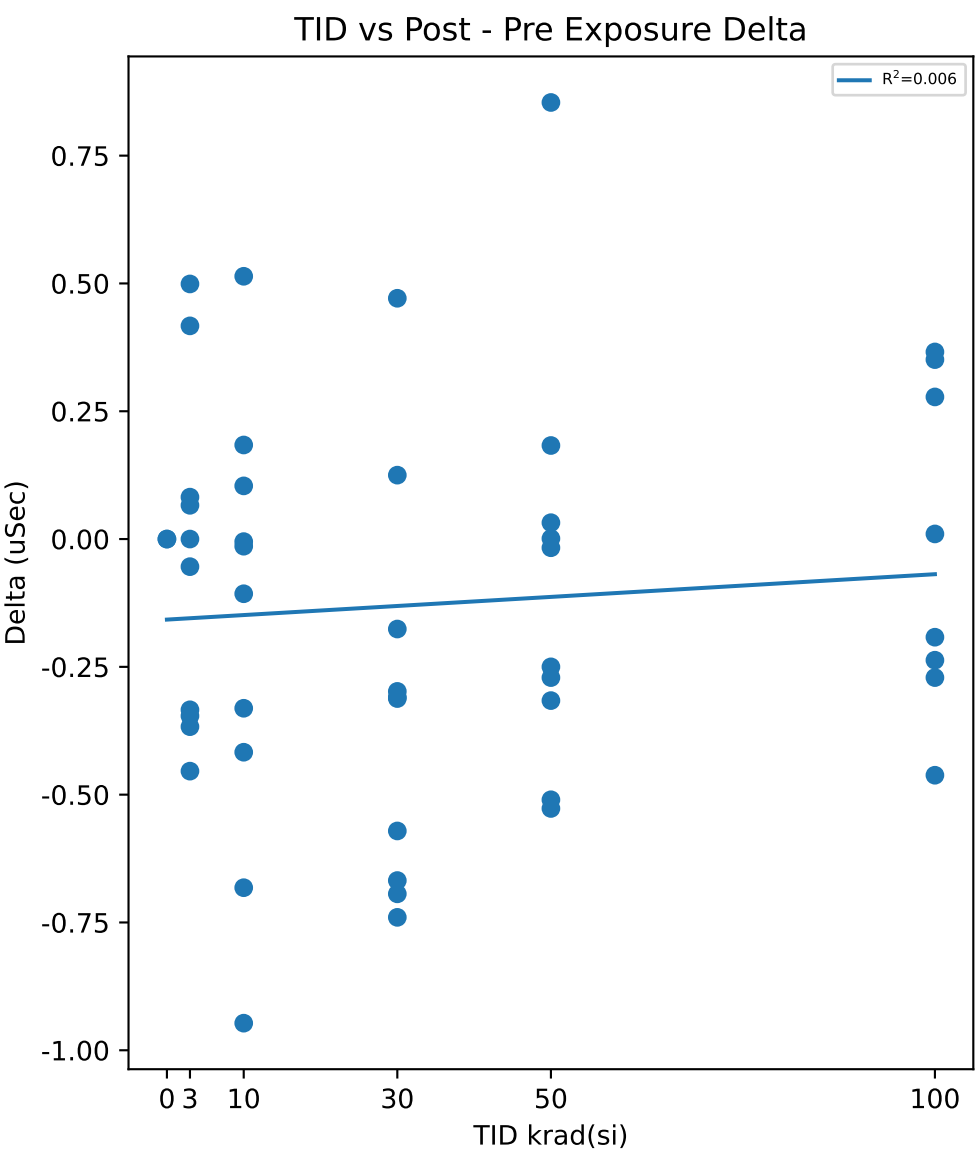
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.197	3.197	0
7	0	Correlation	3.259	3.259	0
16	3	LDR-Biased	3.214	2.472	-0.742
18	3	LDR-Biased	2.851	3.274	0.423
19	3	LDR-Biased	3.068	2.713	-0.355
20	3	LDR-Biased	2.955	2.463	-0.492
21	3	LDR-Biased	3.091	3.013	-0.078
22	3	LDR-Unbiased	2.646	2.545	-0.101
23	3	LDR-Unbiased	2.87	2.626	-0.244
25	3	LDR-Unbiased	3.201	2.505	-0.696
26	3	LDR-Unbiased	2.607	3.146	0.539
27	3	LDR-Unbiased	3.307	2.868	-0.439
46	10	LDR-Biased	3.214	2.999	-0.215
48	10	LDR-Biased	2.851	3.326	0.475
49	10	LDR-Biased	3.068	3.065	-0.003
50	10	LDR-Biased	2.955	2.424	-0.531
51	10	LDR-Biased	3.091	2.409	-0.682
52	10	LDR-Unbiased	2.646	2.97	0.324
53	10	LDR-Unbiased	2.87	2.78	-0.09
55	10	LDR-Unbiased	3.201	2.526	-0.675
56	10	LDR-Unbiased	2.607	2.861	0.254
57	10	LDR-Unbiased	3.307	3.196	-0.111
76	30	LDR-Biased	3.214	3.186	-0.028
78	30	LDR-Biased	2.851	3.107	0.256
79	30	LDR-Biased	3.068	3.276	0.208
80	30	LDR-Biased	2.955	2.58	-0.375
81	30	LDR-Biased	3.091	3.015	-0.076
82	30	LDR-Unbiased	2.646	2.598	-0.048
83	30	LDR-Unbiased	2.87	3.064	0.194
84	30	LDR-Unbiased	3.307	2.934	-0.373
85	30	LDR-Unbiased	3.201	3.091	-0.11
86	30	LDR-Unbiased	2.607	2.863	0.256
87	100	LDR-Biased	2.895	2.634	-0.261
88	100	LDR-Biased	2.942	3.268	0.326
90	100	LDR-Biased	2.519	2.734	0.215
91	100	LDR-Unbiased	3.402	2.402	-1
93	100	LDR-Unbiased	2.826	2.508	-0.318
94	100	LDR-Unbiased	2.574	3.367	0.793
95	100	LDR-Unbiased	2.561	2.52	-0.041
96	100	LDR-Unbiased	2.467	2.631	0.164
106	50	LDR-Biased	3.214	2.635	-0.579
108	50	LDR-Biased	2.851	3.043	0.192
109	50	LDR-Biased	3.068	2.938	-0.13
110	50	LDR-Biased	2.955	2.558	-0.397
111	50	LDR-Biased	3.091	3.068	-0.023
112	50	LDR-Unbiased	2.646	2.995	0.349
113	50	LDR-Unbiased	2.87	2.549	-0.321
115	50	LDR-Unbiased	3.201	2.798	-0.403
116	50	LDR-Unbiased	2.607	2.415	-0.192
117	50	LDR-Unbiased	3.307	3.033	-0.274

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.197	3.228	3.259	0.043841	3.197	3.228	3.259	0.043841	0	0	0	0
3	2.607	2.981	3.307	0.2382	2.463	2.7625	3.274	0.29653	-0.742	-0.2185	0.539	0.42994
10	2.607	2.981	3.307	0.2382	2.409	2.8556	3.326	0.31881	-0.682	-0.1254	0.475	0.40923
30	2.607	2.981	3.307	0.2382	2.58	2.9714	3.276	0.2328	-0.375	-0.0096	0.256	0.23846
50	2.607	2.981	3.307	0.2382	2.415	2.8032	3.068	0.24476	-0.579	-0.1778	0.349	0.28484
100	2.467	2.7732	3.402	0.31273	2.402	2.758	3.367	0.36035	-1	-0.01525	0.793	0.53148

Device Test: 27.8 TPD_SM_FAULT/SENSE4/3.3/14/0/0/0/@SM_F_PROP_DELAY





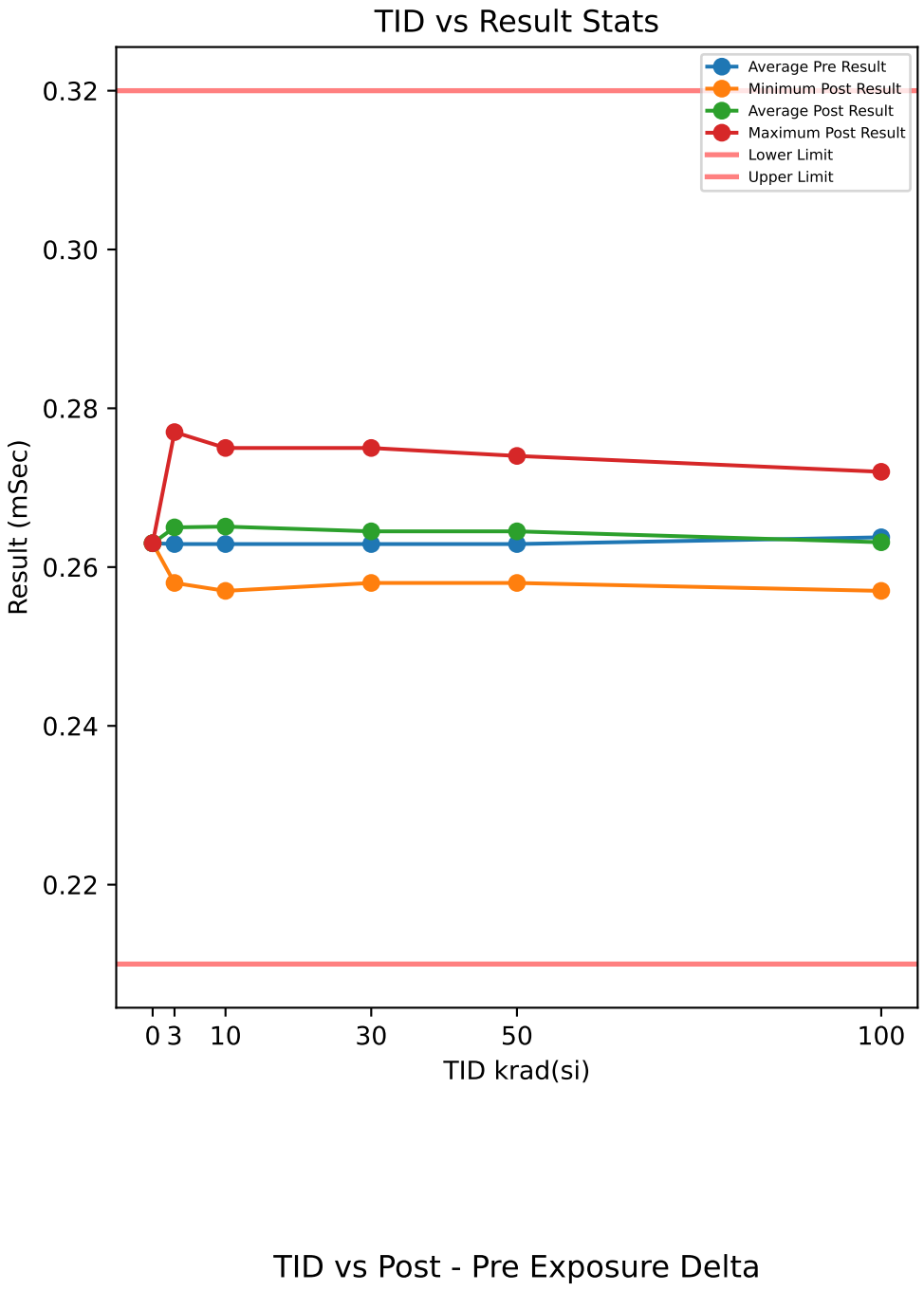
Test Results (Lower Limit = 0.1, Upper Limit = 4.2 (uSec))

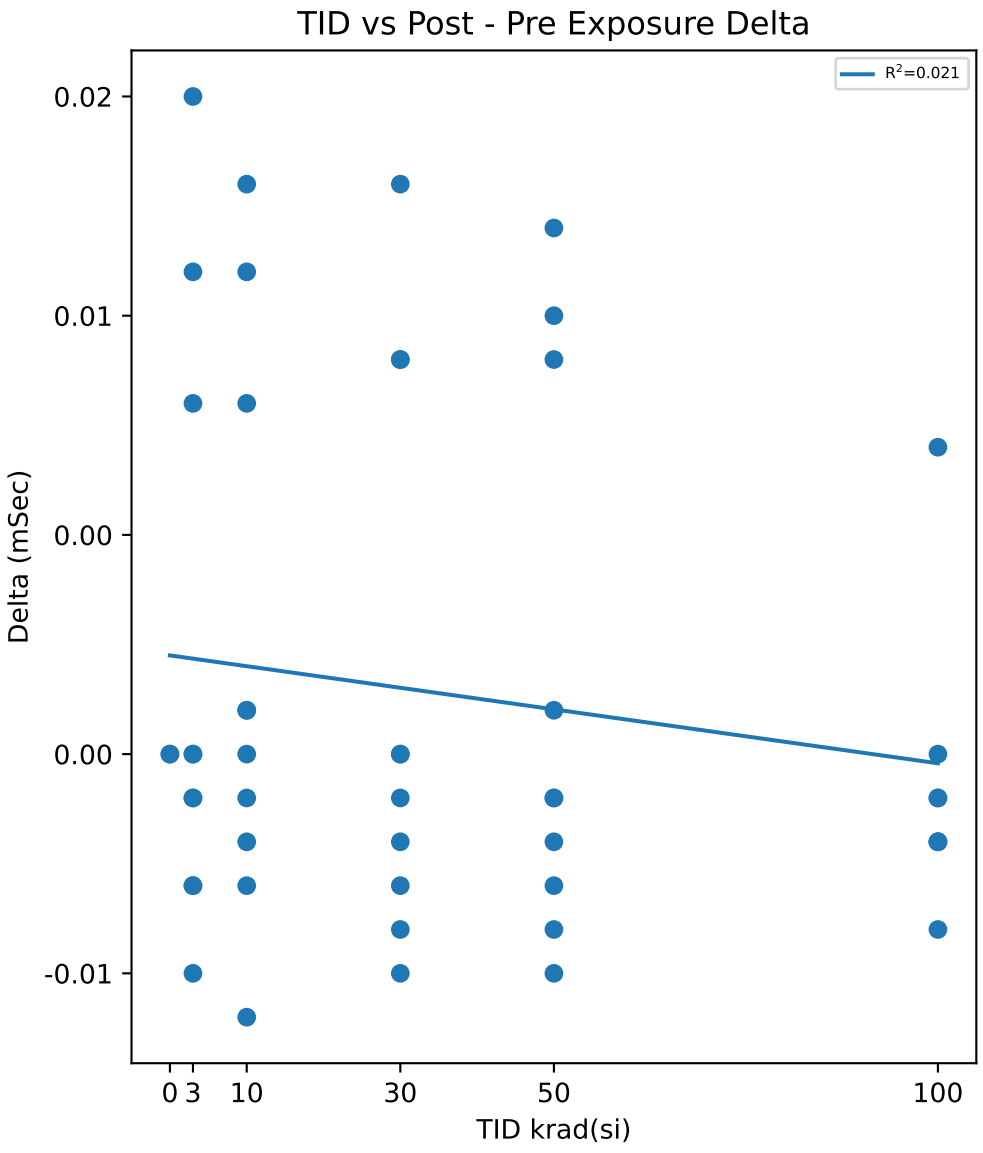
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.44	2.44	0
7	0	Correlation	2.72	2.72	0
16	3	LDR-Biased	3.343	2.889	-0.454
18	3	LDR-Biased	2.864	3.281	0.417
19	3	LDR-Biased	2.926	3.425	0.499
20	3	LDR-Biased	3.122	3.188	0.066
21	3	LDR-Biased	3.011	2.677	-0.334
22	3	LDR-Unbiased	2.5	2.582	0.082
23	3	LDR-Unbiased	3.122	3.068	-0.054
25	3	LDR-Unbiased	3.17	2.824	-0.346
26	3	LDR-Unbiased	3.337	2.97	-0.367
27	3	LDR-Unbiased	3.43	3.43	0
46	10	LDR-Biased	3.343	2.926	-0.417
48	10	LDR-Biased	2.864	2.859	-0.005
49	10	LDR-Biased	2.926	2.595	-0.331
50	10	LDR-Biased	3.122	3.108	-0.014
51	10	LDR-Biased	3.011	2.904	-0.107
52	10	LDR-Unbiased	2.5	3.014	0.514
53	10	LDR-Unbiased	3.122	3.306	0.184
55	10	LDR-Unbiased	3.17	3.274	0.104
56	10	LDR-Unbiased	3.337	2.655	-0.682
57	10	LDR-Unbiased	3.43	2.483	-0.947
76	30	LDR-Biased	3.343	2.675	-0.668
78	30	LDR-Biased	2.864	2.552	-0.312
79	30	LDR-Biased	2.926	2.75	-0.176
80	30	LDR-Biased	3.122	2.551	-0.571
81	30	LDR-Biased	3.011	2.702	-0.309
82	30	LDR-Unbiased	2.5	2.971	0.471
83	30	LDR-Unbiased	3.122	3.247	0.125
84	30	LDR-Unbiased	3.43	3.132	-0.298
85	30	LDR-Unbiased	3.17	2.43	-0.74
86	30	LDR-Unbiased	3.337	2.643	-0.694
87	100	LDR-Biased	2.456	2.466	0.01
88	100	LDR-Biased	2.634	2.985	0.351
90	100	LDR-Biased	2.626	2.904	0.278
91	100	LDR-Unbiased	2.826	2.634	-0.192
93	100	LDR-Unbiased	2.936	2.474	-0.462
94	100	LDR-Unbiased	2.755	3.121	0.366
95	100	LDR-Unbiased	2.935	2.664	-0.271
96	100	LDR-Unbiased	2.903	2.666	-0.237
106	50	LDR-Biased	3.343	2.816	-0.527
108	50	LDR-Biased	2.864	2.865	0.001
109	50	LDR-Biased	2.926	2.909	-0.017
110	50	LDR-Biased	3.122	2.851	-0.271
111	50	LDR-Biased	3.011	3.194	0.183
112	50	LDR-Unbiased	2.5	3.354	0.854
113	50	LDR-Unbiased	3.122	2.872	-0.25
115	50	LDR-Unbiased	3.17	2.66	-0.51
116	50	LDR-Unbiased	3.337	3.369	0.032
117	50	LDR-Unbiased	3.43	3.114	-0.316

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.44	2.58	2.72	0.19799	2.44	2.58	2.72	0.19799	0	0	0	0
3	2.5	3.0825	3.43	0.27504	2.582	3.0334	3.43	0.2975	-0.454	-0.0491	0.499	0.3308
10	2.5	3.0825	3.43	0.27504	2.483	2.9124	3.306	0.27664	-0.947	-0.1701	0.514	0.43161
30	2.5	3.0825	3.43	0.27504	2.43	2.7653	3.247	0.26667	-0.74	-0.3172	0.471	0.38664
50	2.5	3.0825	3.43	0.27504	2.66	3.0004	3.369	0.2419	-0.527	-0.0821	0.854	0.40419
100	2.456	2.7589	2.936	0.1743	2.466	2.7393	3.121	0.23916	-0.462	-0.019625	0.366	0.31879

Device Test: 4.0 treg_Res10p5K_SENSE1/SENSE1/1.6/3/0/10.5K/0/@REG_TIME_10KOHM





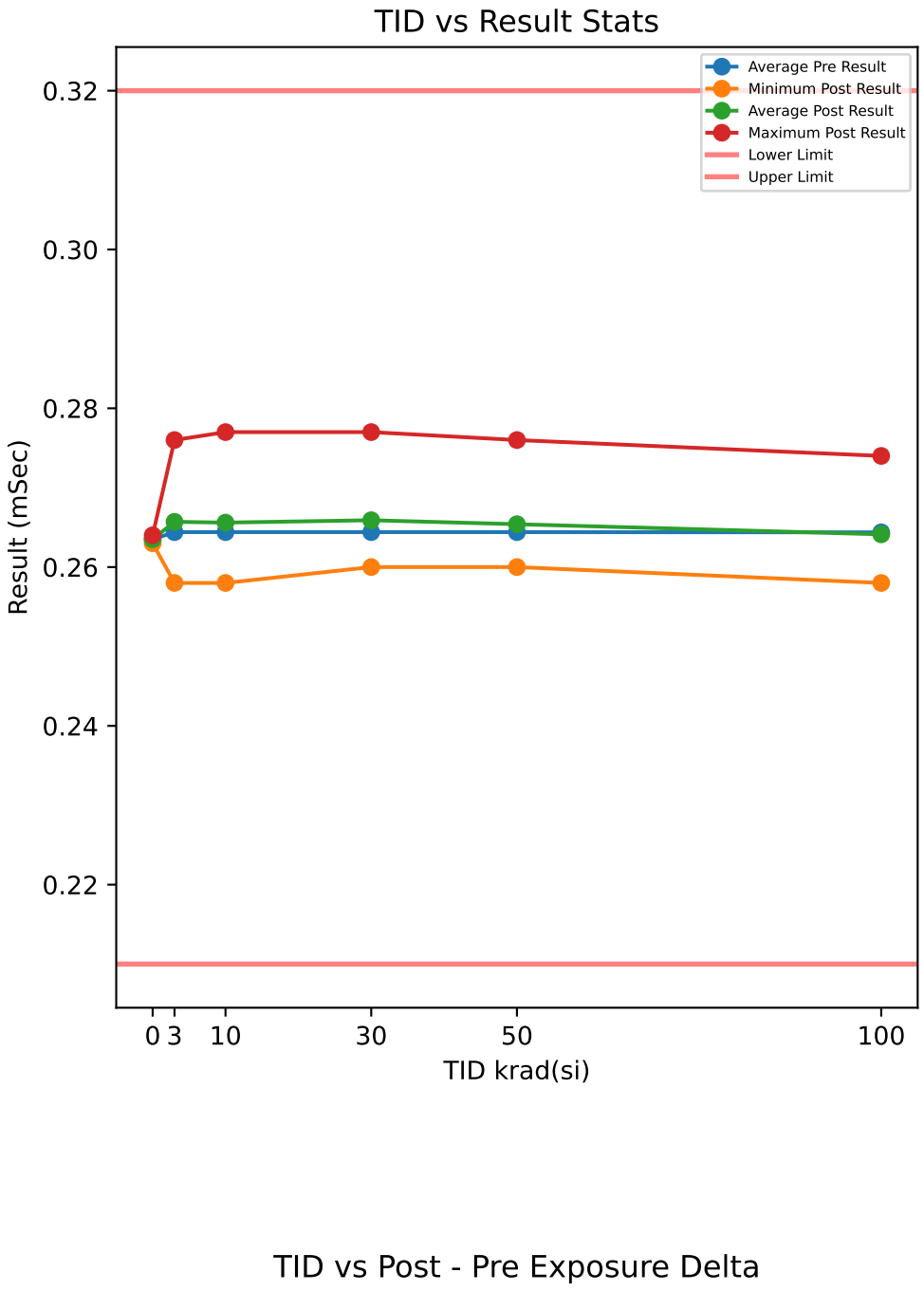
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

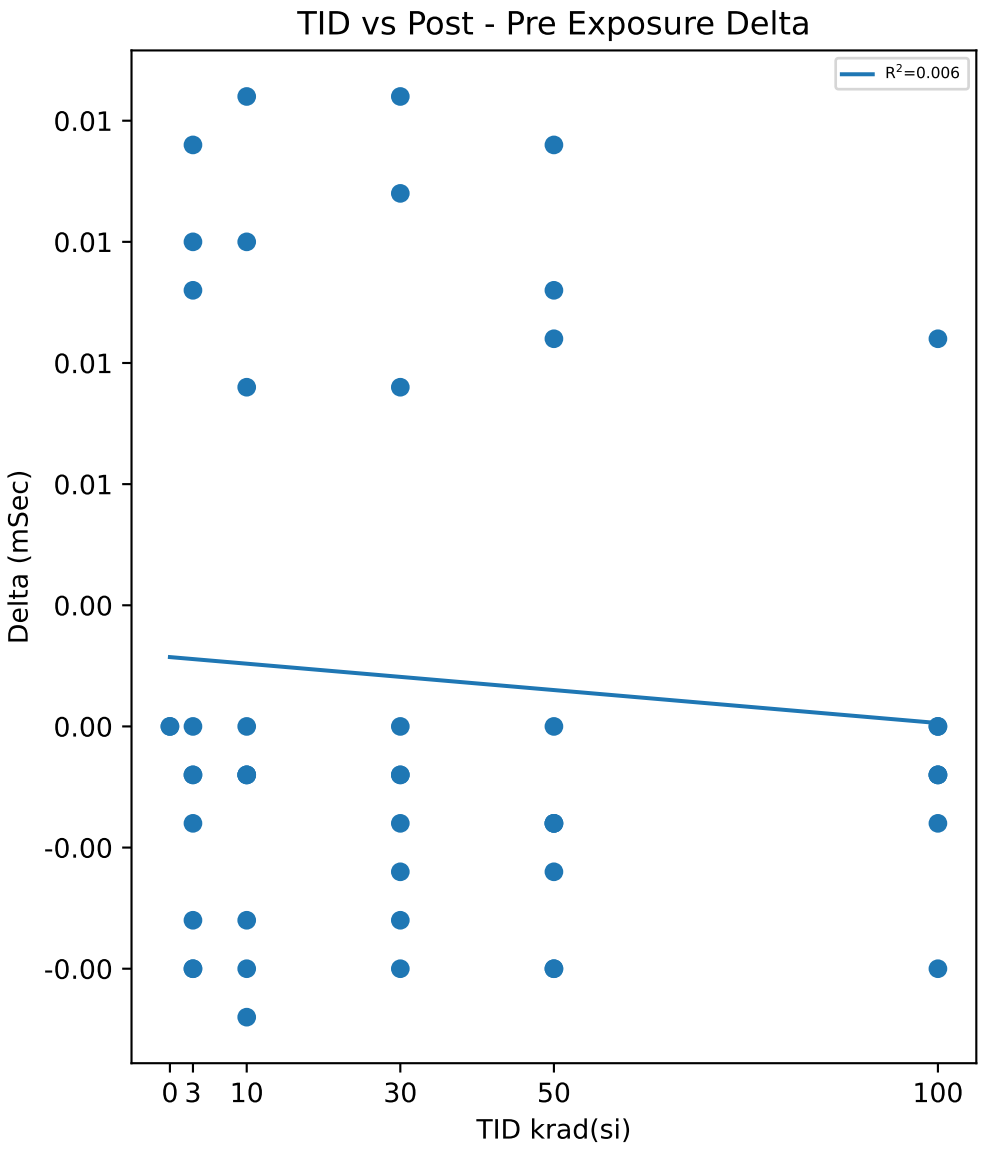
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.263	0.263	0
7	0	Correlation	0.263	0.263	0
16	3	LDR-Biased	0.262	0.277	0.015
18	3	LDR-Biased	0.263	0.263	0
19	3	LDR-Biased	0.256	0.264	0.008
20	3	LDR-Biased	0.264	0.263	-0.001
21	3	LDR-Biased	0.264	0.263	-0.001
22	3	LDR-Unbiased	0.265	0.262	-0.003
23	3	LDR-Unbiased	0.265	0.262	-0.003
25	3	LDR-Unbiased	0.263	0.258	-0.005
26	3	LDR-Unbiased	0.263	0.274	0.011
27	3	LDR-Unbiased	0.264	0.264	0
46	10	LDR-Biased	0.262	0.275	0.013
48	10	LDR-Biased	0.263	0.263	0
49	10	LDR-Biased	0.256	0.264	0.008
50	10	LDR-Biased	0.264	0.265	0.001
51	10	LDR-Biased	0.264	0.265	0.001
52	10	LDR-Unbiased	0.265	0.262	-0.003
53	10	LDR-Unbiased	0.265	0.263	-0.002
55	10	LDR-Unbiased	0.263	0.257	-0.006
56	10	LDR-Unbiased	0.263	0.274	0.011
57	10	LDR-Unbiased	0.264	0.263	-0.001
76	30	LDR-Biased	0.262	0.275	0.013
78	30	LDR-Biased	0.263	0.263	0
79	30	LDR-Biased	0.256	0.265	0.009
80	30	LDR-Biased	0.264	0.263	-0.001
81	30	LDR-Biased	0.264	0.264	0
82	30	LDR-Unbiased	0.265	0.262	-0.003
83	30	LDR-Unbiased	0.265	0.261	-0.004
84	30	LDR-Unbiased	0.264	0.262	-0.002
85	30	LDR-Unbiased	0.263	0.258	-0.005
86	30	LDR-Unbiased	0.263	0.272	0.009
87	100	LDR-Biased	0.262	0.261	-0.001
88	100	LDR-Biased	0.262	0.262	0
90	100	LDR-Biased	0.265	0.264	-0.001
91	100	LDR-Unbiased	0.265	0.272	0.007
93	100	LDR-Unbiased	0.264	0.262	-0.002
94	100	LDR-Unbiased	0.265	0.263	-0.002
95	100	LDR-Unbiased	0.261	0.257	-0.004
96	100	LDR-Unbiased	0.266	0.264	-0.002
106	50	LDR-Biased	0.262	0.274	0.012
108	50	LDR-Biased	0.263	0.261	-0.002
109	50	LDR-Biased	0.256	0.266	0.01
110	50	LDR-Biased	0.264	0.263	-0.001
111	50	LDR-Biased	0.264	0.263	-0.001
112	50	LDR-Unbiased	0.265	0.262	-0.003
113	50	LDR-Unbiased	0.265	0.261	-0.004
115	50	LDR-Unbiased	0.263	0.258	-0.005
116	50	LDR-Unbiased	0.263	0.272	0.009
117	50	LDR-Unbiased	0.264	0.265	0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.263	0.263	0	0.263	0.263	0.263	0	0	0	0	0
3	0.256	0.2629	0.265	0.0026013	0.258	0.265	0.277	0.005831	-0.005	0.0021	0.015	0.0067569
10	0.256	0.2629	0.265	0.0026013	0.257	0.2651	0.275	0.0054457	-0.006	0.0022	0.013	0.0063034
30	0.256	0.2629	0.265	0.0026013	0.258	0.2645	0.275	0.0051478	-0.005	0.0016	0.013	0.0063281
50	0.256	0.2629	0.265	0.0026013	0.258	0.2645	0.274	0.0050166	-0.005	0.0016	0.012	0.0062929
100	0.261	0.26375	0.266	0.0018323	0.257	0.26312	0.272	0.0042237	-0.004	-0.000625	0.007	0.0032923

Device Test: 4.1 treg_Res10p5K_SENSE2/SENSE2/1.6/3/0/10.5K/0/@REG_TIME_10KOHM





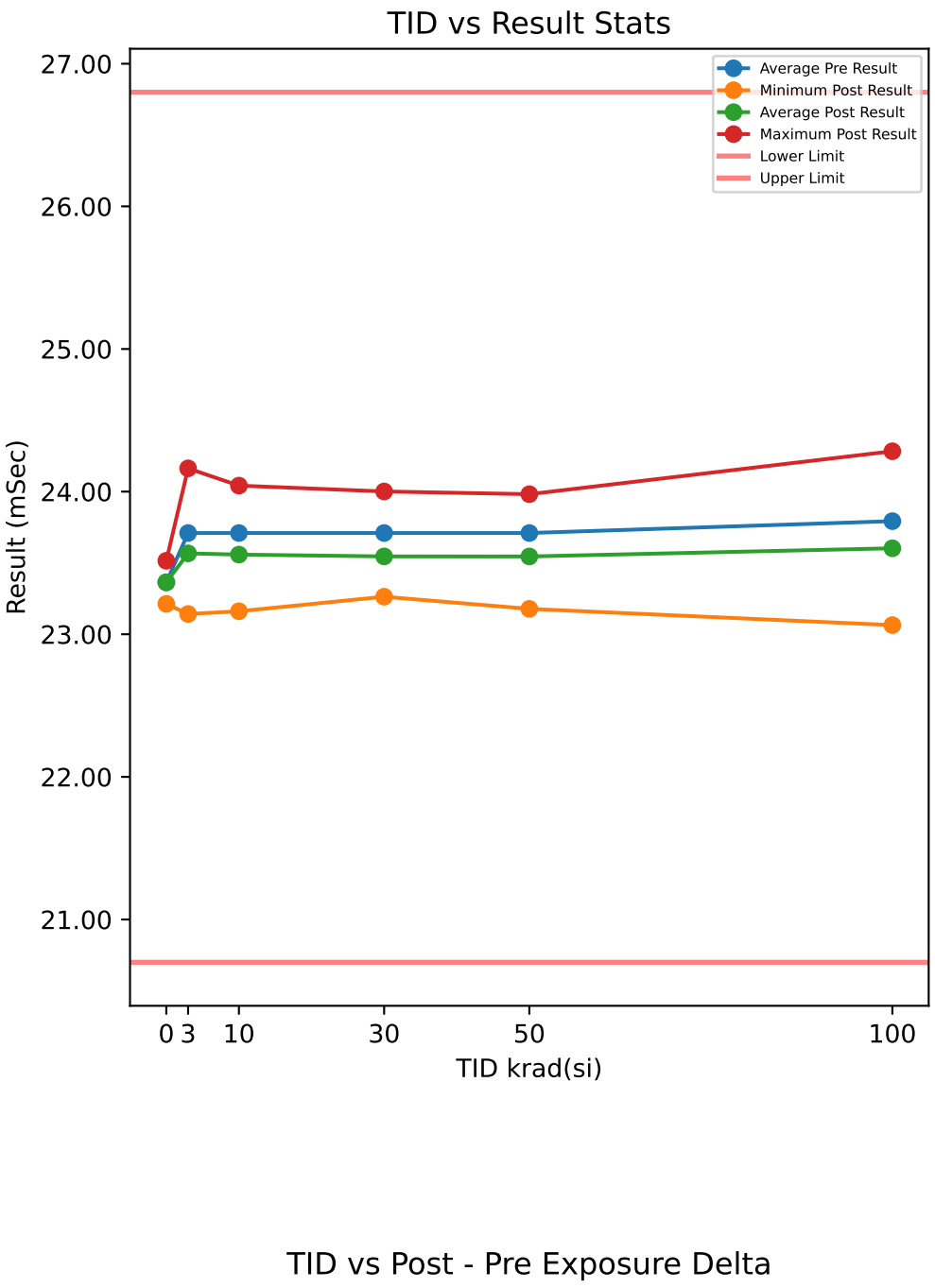
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.263	0.263	0
7	0	Correlation	0.264	0.264	0
16	3	LDR-Biased	0.264	0.276	0.012
18	3	LDR-Biased	0.265	0.263	-0.002
19	3	LDR-Biased	0.258	0.267	0.009
20	3	LDR-Biased	0.264	0.264	0
21	3	LDR-Biased	0.266	0.265	-0.001
22	3	LDR-Unbiased	0.267	0.262	-0.005
23	3	LDR-Unbiased	0.267	0.263	-0.004
25	3	LDR-Unbiased	0.263	0.258	-0.005
26	3	LDR-Unbiased	0.264	0.274	0.01
27	3	LDR-Unbiased	0.266	0.265	-0.001
46	10	LDR-Biased	0.264	0.277	0.013
48	10	LDR-Biased	0.265	0.264	-0.001
49	10	LDR-Biased	0.258	0.265	0.007
50	10	LDR-Biased	0.264	0.264	0
51	10	LDR-Biased	0.266	0.265	-0.001
52	10	LDR-Unbiased	0.267	0.261	-0.006
53	10	LDR-Unbiased	0.267	0.263	-0.004
55	10	LDR-Unbiased	0.263	0.258	-0.005
56	10	LDR-Unbiased	0.264	0.274	0.01
57	10	LDR-Unbiased	0.266	0.265	-0.001
76	30	LDR-Biased	0.264	0.277	0.013
78	30	LDR-Biased	0.265	0.264	-0.001
79	30	LDR-Biased	0.258	0.265	0.007
80	30	LDR-Biased	0.264	0.264	0
81	30	LDR-Biased	0.266	0.265	-0.001
82	30	LDR-Unbiased	0.267	0.262	-0.005
83	30	LDR-Unbiased	0.267	0.263	-0.004
84	30	LDR-Unbiased	0.266	0.264	-0.002
85	30	LDR-Unbiased	0.263	0.26	-0.003
86	30	LDR-Unbiased	0.264	0.275	0.011
87	100	LDR-Biased	0.263	0.263	0
88	100	LDR-Biased	0.263	0.263	0
90	100	LDR-Biased	0.264	0.262	-0.002
91	100	LDR-Unbiased	0.266	0.274	0.008
93	100	LDR-Unbiased	0.265	0.264	-0.001
94	100	LDR-Unbiased	0.265	0.264	-0.001
95	100	LDR-Unbiased	0.263	0.258	-0.005
96	100	LDR-Unbiased	0.266	0.265	-0.001
106	50	LDR-Biased	0.264	0.276	0.012
108	50	LDR-Biased	0.265	0.263	-0.002
109	50	LDR-Biased	0.258	0.266	0.008
110	50	LDR-Biased	0.264	0.264	0
111	50	LDR-Biased	0.266	0.264	-0.002
112	50	LDR-Unbiased	0.267	0.262	-0.005
113	50	LDR-Unbiased	0.267	0.262	-0.005
115	50	LDR-Unbiased	0.263	0.26	-0.003
116	50	LDR-Unbiased	0.264	0.273	0.009
117	50	LDR-Unbiased	0.266	0.264	-0.002

Test Statistics (mSec)

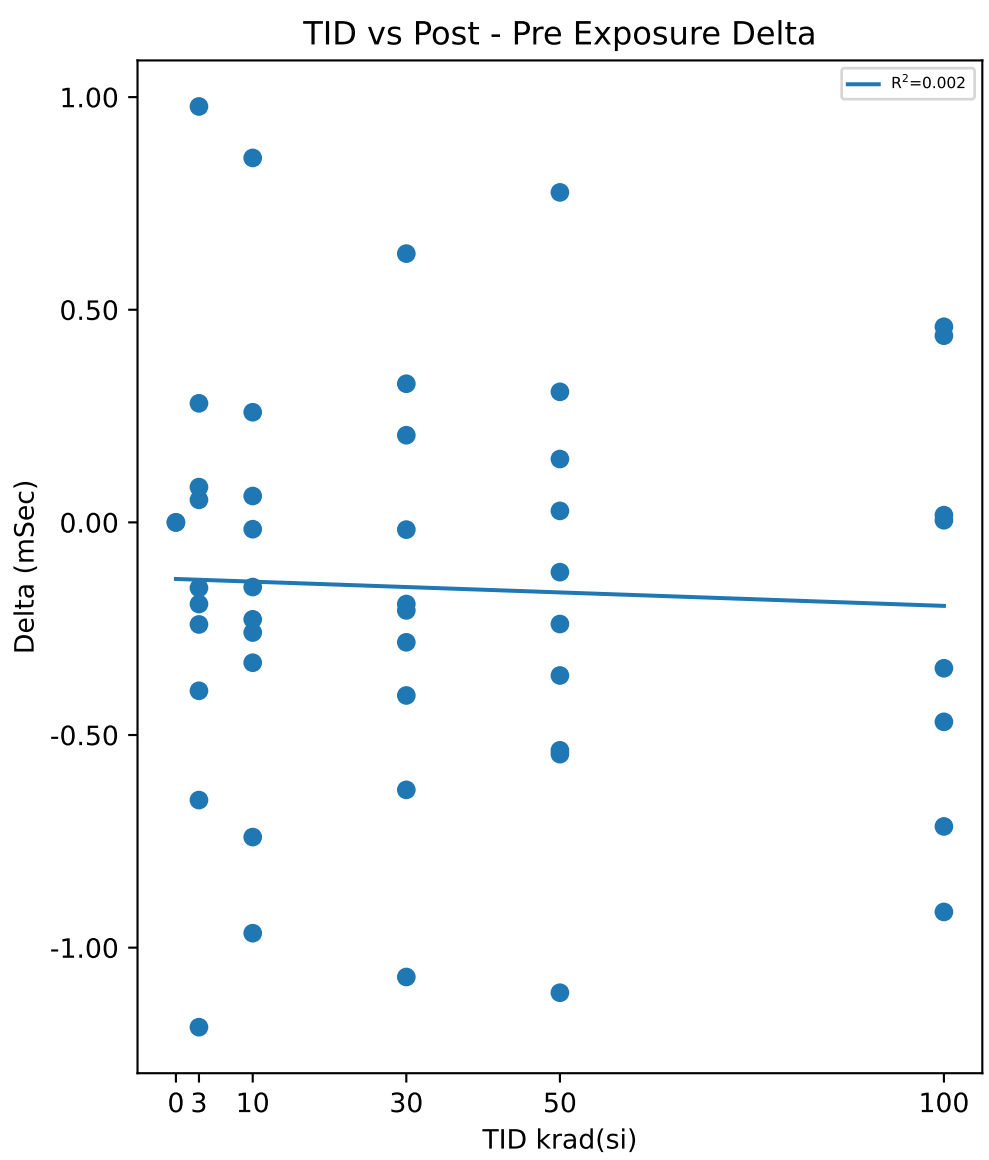
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.2635	0.264	0.00070711	0.263	0.2635	0.264	0.00070711	0	0	0	0
3	0.258	0.2644	0.267	0.0026331	0.258	0.2657	0.276	0.0054579	-0.005	0.0013	0.012	0.0064987
10	0.258	0.2644	0.267	0.0026331	0.258	0.2656	0.277	0.0056999	-0.006	0.0012	0.013	0.0065286
30	0.258	0.2644	0.267	0.0026331	0.26	0.2659	0.277	0.0055468	-0.005	0.0015	0.013	0.0064334
50	0.258	0.2644	0.267	0.0026331	0.26	0.2654	0.276	0.0051034	-0.005	0.001	0.012	0.0062361
100	0.263	0.26438	0.266	0.0013025	0.258	0.26412	0.274	0.0045178	-0.005	-0.00025	0.008	0.0036936

Device Test: 4.10 treg_Res1p18M_SENSE3/SENSE3/1.6/3/0/1.18M/0/@REG_TIME_1MOHM



Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

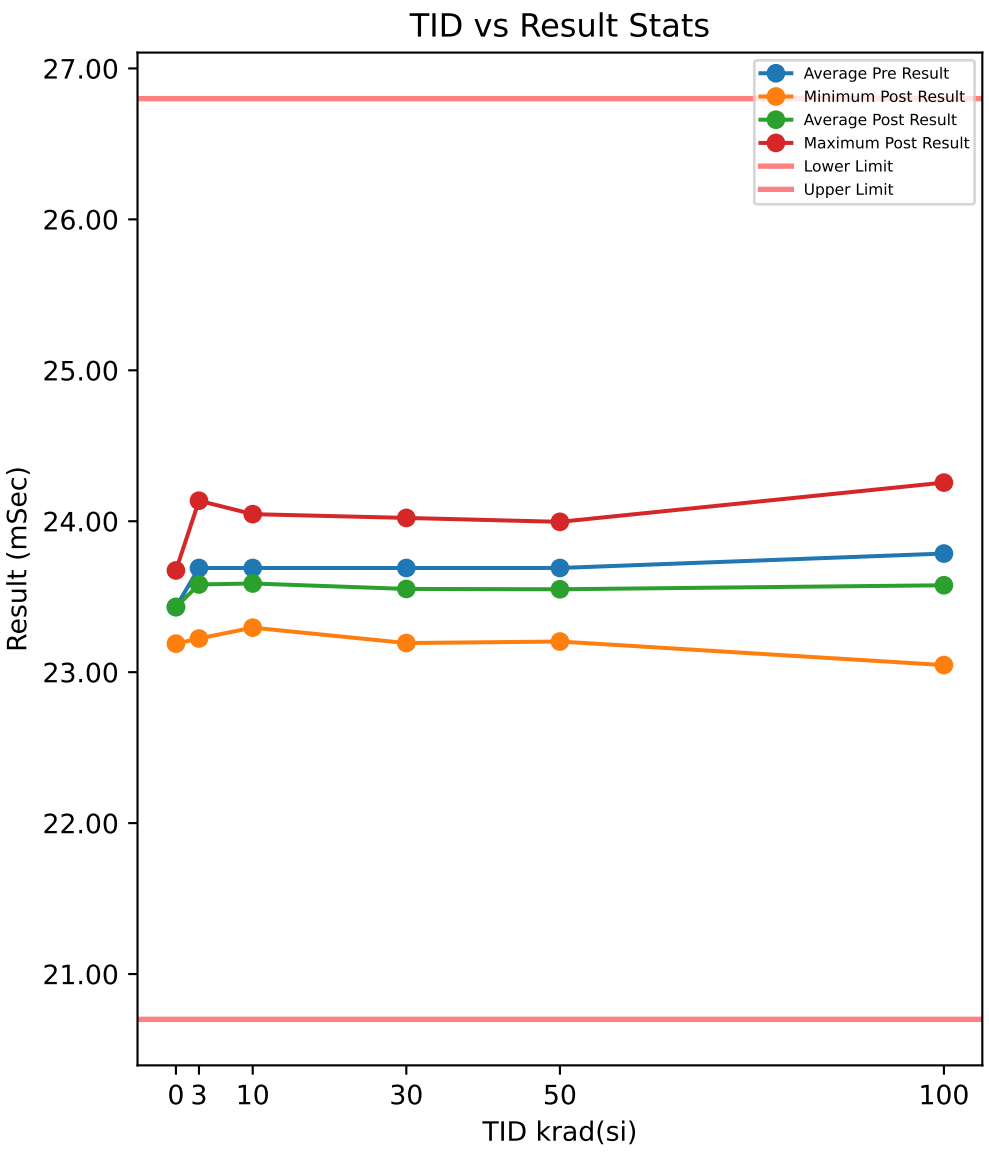
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.213	23.213	0
7	0	Correlation	23.515	23.515	0
16	3	LDR-Biased	23.675	23.955	0.28
18	3	LDR-Biased	23.547	23.6	0.053
19	3	LDR-Biased	23.538	23.142	-0.396
20	3	LDR-Biased	23.462	23.27	-0.192
21	3	LDR-Biased	23.777	23.623	-0.154
22	3	LDR-Unbiased	24.02	23.78	-0.24
23	3	LDR-Unbiased	23.901	23.248	-0.653
25	3	LDR-Unbiased	23.66	23.743	0.083
26	3	LDR-Unbiased	23.185	24.163	0.978
27	3	LDR-Unbiased	24.332	23.145	-1.187
46	10	LDR-Biased	23.675	23.934	0.259
48	10	LDR-Biased	23.547	23.531	-0.016
49	10	LDR-Biased	23.538	23.208	-0.33
50	10	LDR-Biased	23.462	23.203	-0.259
51	10	LDR-Biased	23.777	23.625	-0.152
52	10	LDR-Unbiased	24.02	23.792	-0.228
53	10	LDR-Unbiased	23.901	23.161	-0.74
55	10	LDR-Unbiased	23.66	23.722	0.062
56	10	LDR-Unbiased	23.185	24.042	0.857
57	10	LDR-Unbiased	24.332	23.366	-0.966
76	30	LDR-Biased	23.675	24.001	0.326
78	30	LDR-Biased	23.547	23.53	-0.017
79	30	LDR-Biased	23.538	23.331	-0.207
80	30	LDR-Biased	23.462	23.27	-0.192
81	30	LDR-Biased	23.777	23.495	-0.282
82	30	LDR-Unbiased	24.02	23.613	-0.407
83	30	LDR-Unbiased	23.901	23.272	-0.629
84	30	LDR-Unbiased	24.332	23.263	-1.069
85	30	LDR-Unbiased	23.66	23.865	0.205
86	30	LDR-Unbiased	23.185	23.817	0.632
87	100	LDR-Biased	23.941	23.958	0.017
88	100	LDR-Biased	23.673	23.204	-0.469
90	100	LDR-Biased	23.55	23.207	-0.343
91	100	LDR-Unbiased	23.844	24.283	0.439
93	100	LDR-Unbiased	23.779	23.064	-0.715
94	100	LDR-Unbiased	23.67	23.675	0.005
95	100	LDR-Unbiased	23.549	24.009	0.46
96	100	LDR-Unbiased	24.337	23.421	-0.916
106	50	LDR-Biased	23.675	23.982	0.307
108	50	LDR-Biased	23.547	23.696	0.149
109	50	LDR-Biased	23.538	23.178	-0.36
110	50	LDR-Biased	23.462	23.345	-0.117
111	50	LDR-Biased	23.777	23.538	-0.239
112	50	LDR-Unbiased	24.02	23.475	-0.545
113	50	LDR-Unbiased	23.901	23.365	-0.536
115	50	LDR-Unbiased	23.66	23.687	0.027
116	50	LDR-Unbiased	23.185	23.961	0.776
117	50	LDR-Unbiased	24.332	23.226	-1.106



Test Statistics (mSec)

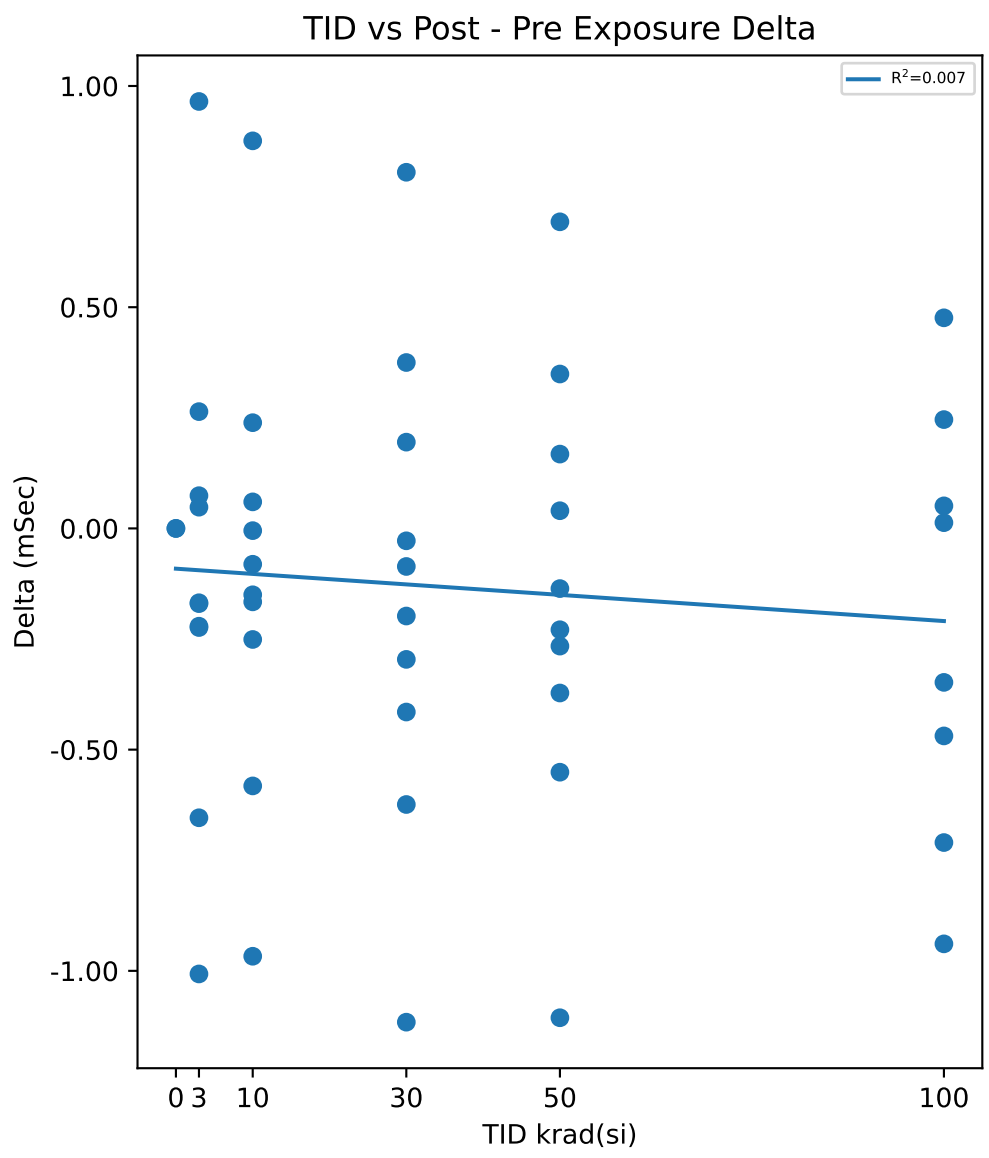
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.213	23.364	23.515	0.21355	23.213	23.364	23.515	0.21355	0	0	0	0
3	23.185	23.71	24.332	0.31989	23.142	23.567	24.163	0.35512	-1.187	-0.1428	0.978	0.57262
10	23.185	23.71	24.332	0.31989	23.161	23.558	24.042	0.31719	-0.966	-0.1513	0.857	0.50646
30	23.185	23.71	24.332	0.31989	23.263	23.546	24.001	0.27226	-1.069	-0.164	0.632	0.48789
50	23.185	23.71	24.332	0.31989	23.178	23.545	23.982	0.283	-1.106	-0.1644	0.776	0.5225
100	23.549	23.793	24.337	0.25877	23.064	23.603	24.283	0.44691	-0.916	-0.19025	0.46	0.50751

Device Test: 4.11 treg_Res1p18M_SENSE4/SENSE4/1.6/3/0/1.18M/0/@REG_TIME_1MOHM



Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

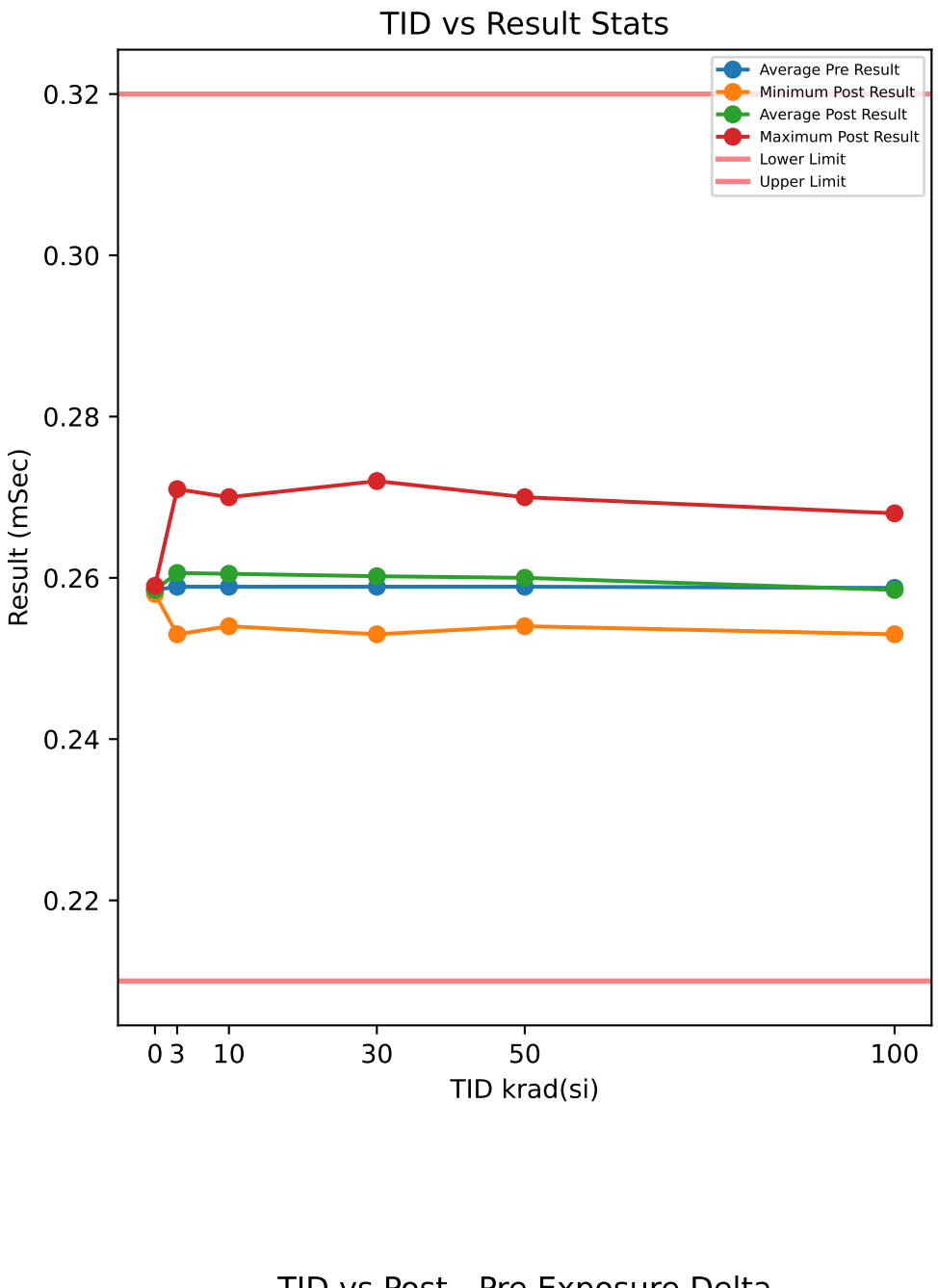
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.189	23.189	0
7	0	Correlation	23.674	23.674	0
16	3	LDR-Biased	23.647	23.911	0.264
18	3	LDR-Biased	23.531	23.579	0.048
19	3	LDR-Biased	23.526	23.302	-0.224
20	3	LDR-Biased	23.438	23.27	-0.168
21	3	LDR-Biased	23.753	23.583	-0.17
22	3	LDR-Unbiased	24.008	23.787	-0.221
23	3	LDR-Unbiased	23.877	23.223	-0.654
25	3	LDR-Unbiased	23.643	23.717	0.074
26	3	LDR-Unbiased	23.171	24.136	0.965
27	3	LDR-Unbiased	24.309	23.302	-1.007
46	10	LDR-Biased	23.647	23.886	0.239
48	10	LDR-Biased	23.531	23.526	-0.005
49	10	LDR-Biased	23.526	23.36	-0.166
50	10	LDR-Biased	23.438	23.357	-0.081
51	10	LDR-Biased	23.753	23.603	-0.15
52	10	LDR-Unbiased	24.008	23.757	-0.251
53	10	LDR-Unbiased	23.877	23.295	-0.582
55	10	LDR-Unbiased	23.643	23.703	0.06
56	10	LDR-Unbiased	23.171	24.047	0.876
57	10	LDR-Unbiased	24.309	23.342	-0.967
76	30	LDR-Biased	23.647	24.022	0.375
78	30	LDR-Biased	23.531	23.503	-0.028
79	30	LDR-Biased	23.526	23.328	-0.198
80	30	LDR-Biased	23.438	23.352	-0.086
81	30	LDR-Biased	23.753	23.457	-0.296
82	30	LDR-Unbiased	24.008	23.593	-0.415
83	30	LDR-Unbiased	23.877	23.253	-0.624
84	30	LDR-Unbiased	24.309	23.193	-1.116
85	30	LDR-Unbiased	23.643	23.838	0.195
86	30	LDR-Unbiased	23.171	23.976	0.805
87	100	LDR-Biased	23.899	23.912	0.013
88	100	LDR-Biased	23.648	23.179	-0.469
90	100	LDR-Biased	23.527	23.179	-0.348
91	100	LDR-Unbiased	24.01	24.256	0.246
93	100	LDR-Unbiased	23.757	23.047	-0.71
94	100	LDR-Unbiased	23.613	23.664	0.051
95	100	LDR-Unbiased	23.522	23.998	0.476
96	100	LDR-Unbiased	24.311	23.372	-0.939
106	50	LDR-Biased	23.647	23.996	0.349
108	50	LDR-Biased	23.531	23.699	0.168
109	50	LDR-Biased	23.526	23.297	-0.229
110	50	LDR-Biased	23.438	23.302	-0.136
111	50	LDR-Biased	23.753	23.487	-0.266
112	50	LDR-Unbiased	24.008	23.636	-0.372
113	50	LDR-Unbiased	23.877	23.326	-0.551
115	50	LDR-Unbiased	23.643	23.683	0.04
116	50	LDR-Unbiased	23.171	23.864	0.693
117	50	LDR-Unbiased	24.309	23.203	-1.106

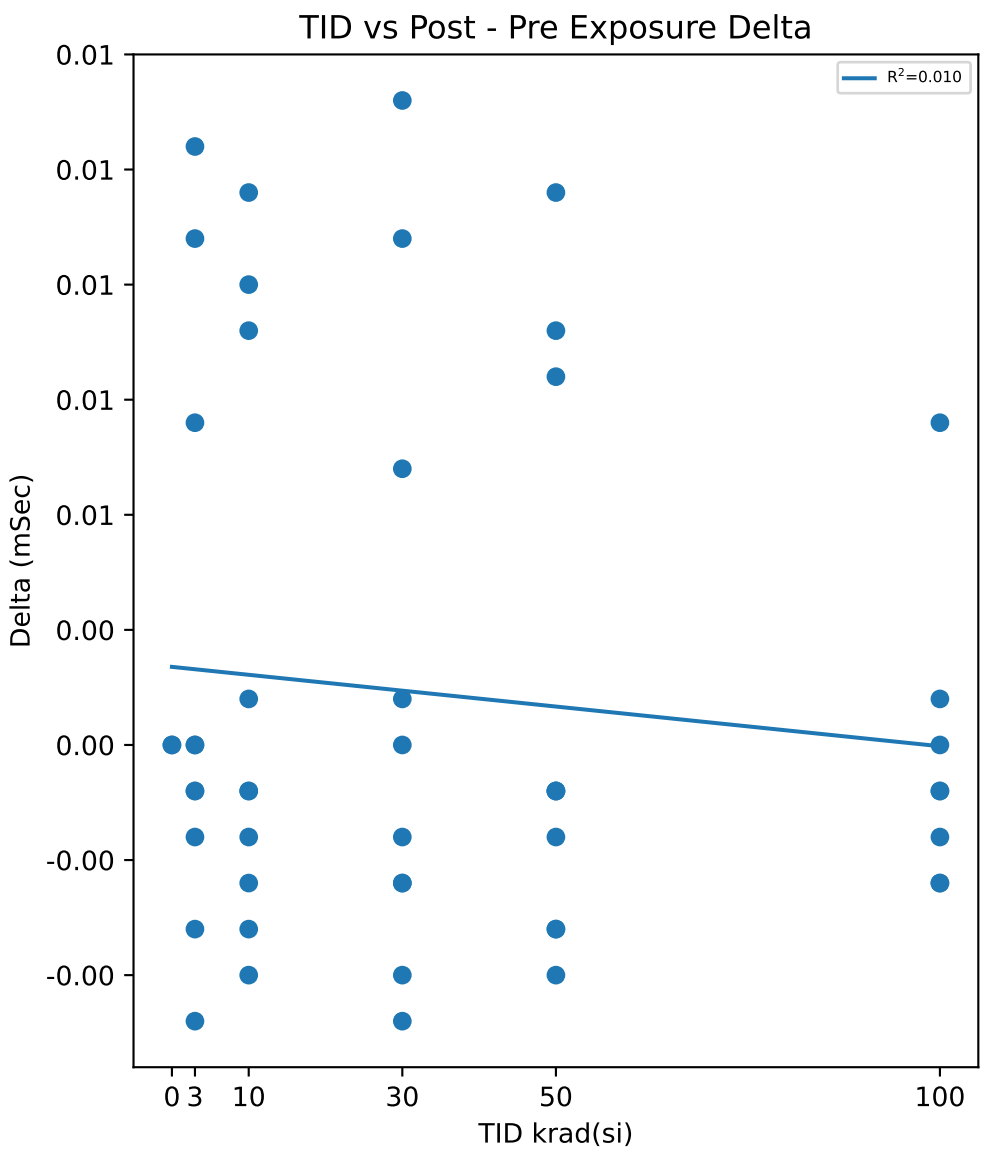


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.189	23.431	23.674	0.34295	23.189	23.431	23.674	0.34295	0	0	0	0
3	23.171	23.69	24.309	0.31839	23.223	23.581	24.136	0.30884	-1.007	-0.1093	0.965	0.52569
10	23.171	23.69	24.309	0.31839	23.295	23.588	24.047	0.25756	-0.967	-0.1027	0.876	0.48489
30	23.171	23.69	24.309	0.31839	23.193	23.551	24.022	0.29889	-1.116	-0.1388	0.805	0.53501
50	23.171	23.69	24.309	0.31839	23.203	23.549	23.996	0.26768	-1.106	-0.141	0.693	0.49889
100	23.522	23.786	24.311	0.2739	23.047	23.576	24.256	0.44686	-0.939	-0.21	0.476	0.48755

Device Test: 4.12 treg_Res10p5K_SENSE1/SENSE1/1.6/14/0/10.5K/0/@REG_TIME_10KOHM





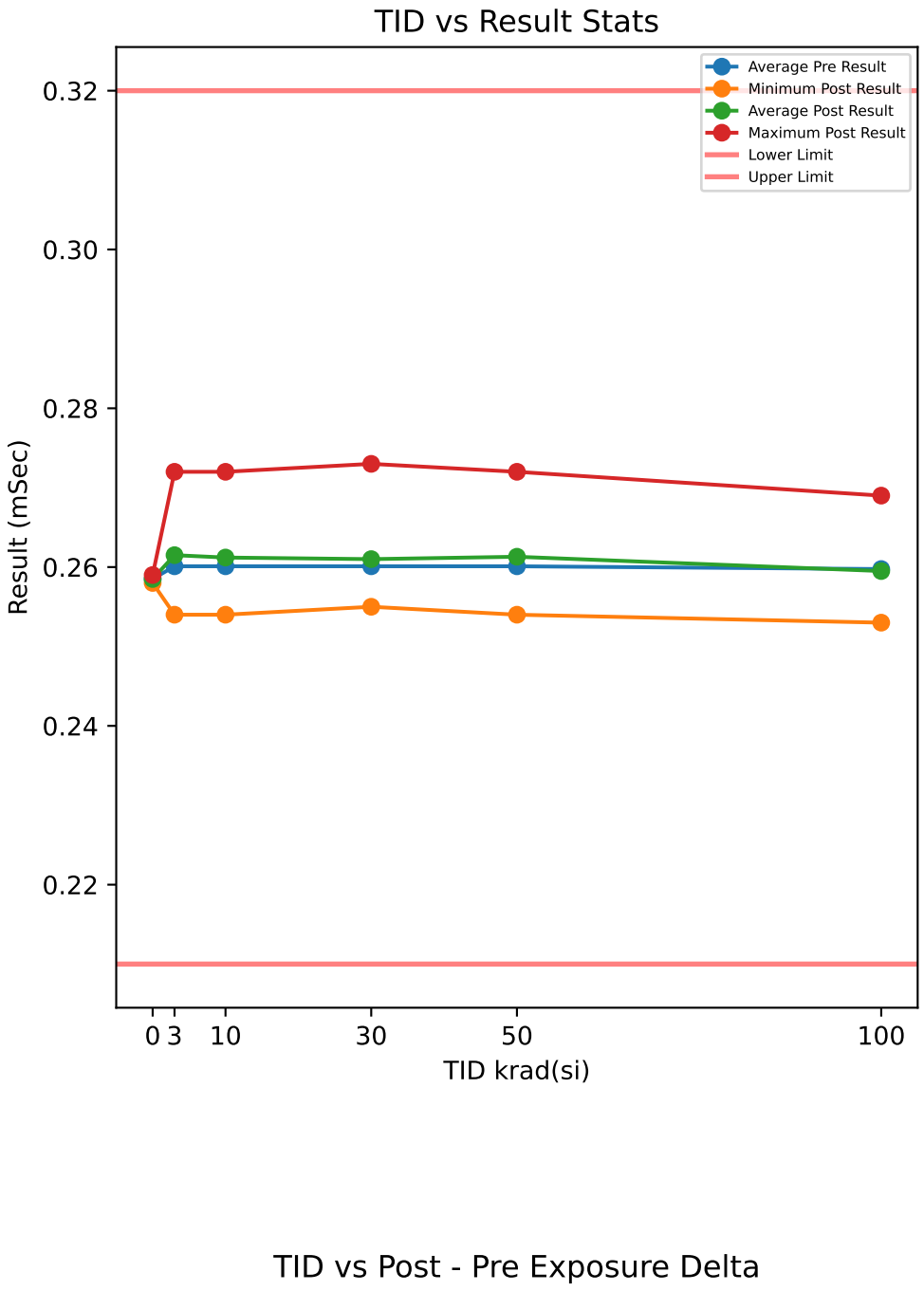
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

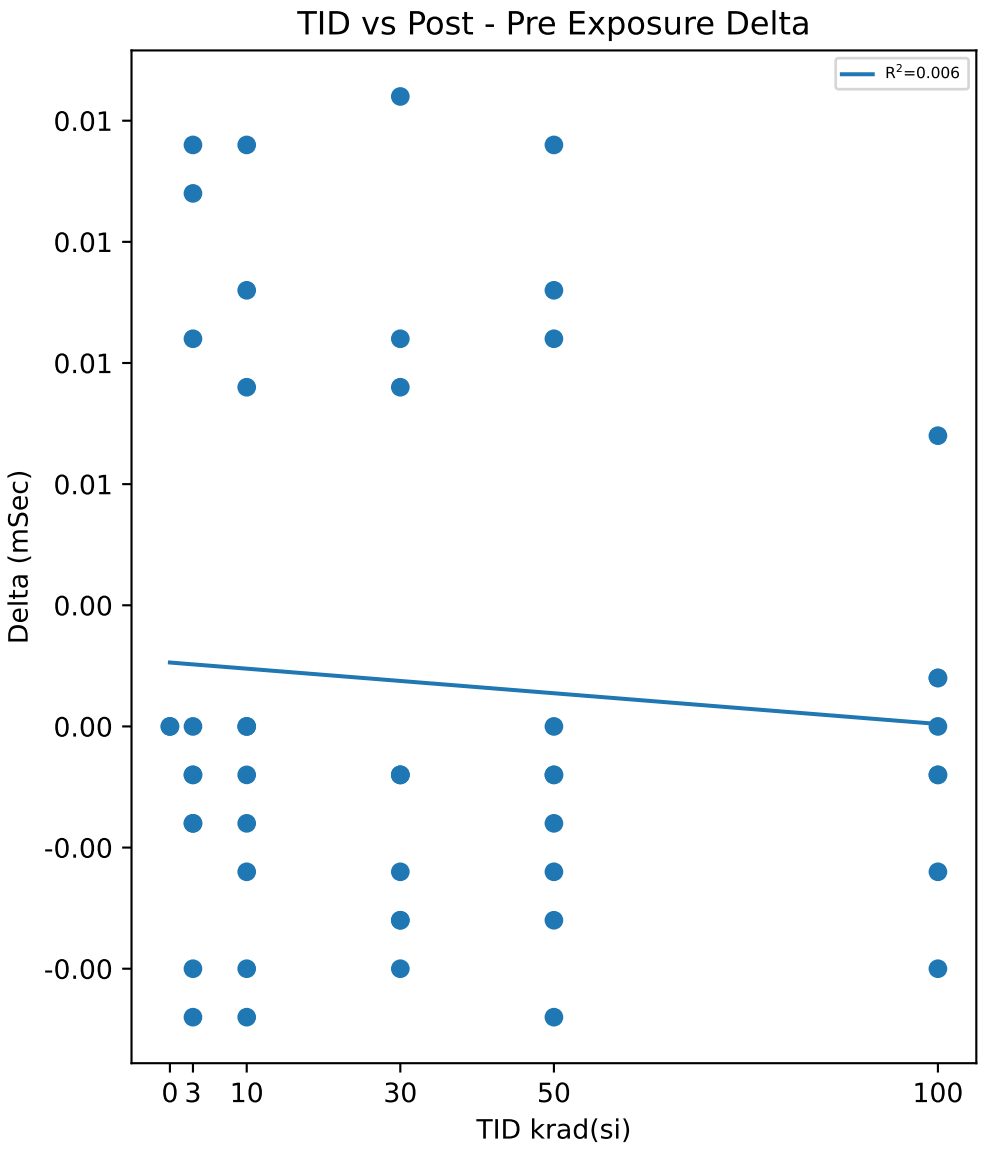
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.258	0.258	0
7	0	Correlation	0.259	0.259	0
16	3	LDR-Biased	0.258	0.271	0.013
18	3	LDR-Biased	0.26	0.259	-0.001
19	3	LDR-Biased	0.253	0.26	0.007
20	3	LDR-Biased	0.259	0.259	0
21	3	LDR-Biased	0.259	0.259	0
22	3	LDR-Unbiased	0.261	0.257	-0.004
23	3	LDR-Unbiased	0.261	0.26	-0.001
25	3	LDR-Unbiased	0.259	0.253	-0.006
26	3	LDR-Unbiased	0.258	0.269	0.011
27	3	LDR-Unbiased	0.261	0.259	-0.002
46	10	LDR-Biased	0.258	0.27	0.012
48	10	LDR-Biased	0.26	0.259	-0.001
49	10	LDR-Biased	0.253	0.262	0.009
50	10	LDR-Biased	0.259	0.258	-0.001
51	10	LDR-Biased	0.259	0.26	0.001
52	10	LDR-Unbiased	0.261	0.257	-0.004
53	10	LDR-Unbiased	0.261	0.258	-0.003
55	10	LDR-Unbiased	0.259	0.254	-0.005
56	10	LDR-Unbiased	0.258	0.268	0.01
57	10	LDR-Unbiased	0.261	0.259	-0.002
76	30	LDR-Biased	0.258	0.272	0.014
78	30	LDR-Biased	0.26	0.257	-0.003
79	30	LDR-Biased	0.253	0.259	0.006
80	30	LDR-Biased	0.259	0.259	0
81	30	LDR-Biased	0.259	0.26	0.001
82	30	LDR-Unbiased	0.261	0.256	-0.005
83	30	LDR-Unbiased	0.261	0.258	-0.003
84	30	LDR-Unbiased	0.261	0.259	-0.002
85	30	LDR-Unbiased	0.259	0.253	-0.006
86	30	LDR-Unbiased	0.258	0.269	0.011
87	100	LDR-Biased	0.257	0.258	0.001
88	100	LDR-Biased	0.259	0.257	-0.002
90	100	LDR-Biased	0.259	0.258	-0.001
91	100	LDR-Unbiased	0.261	0.268	0.007
93	100	LDR-Unbiased	0.259	0.256	-0.003
94	100	LDR-Unbiased	0.259	0.258	-0.001
95	100	LDR-Unbiased	0.256	0.253	-0.003
96	100	LDR-Unbiased	0.26	0.26	0
106	50	LDR-Biased	0.258	0.27	0.012
108	50	LDR-Biased	0.26	0.258	-0.002
109	50	LDR-Biased	0.253	0.261	0.008
110	50	LDR-Biased	0.259	0.258	-0.001
111	50	LDR-Biased	0.259	0.258	-0.001
112	50	LDR-Unbiased	0.261	0.257	-0.004
113	50	LDR-Unbiased	0.261	0.257	-0.004
115	50	LDR-Unbiased	0.259	0.254	-0.005
116	50	LDR-Unbiased	0.258	0.267	0.009
117	50	LDR-Unbiased	0.261	0.26	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.258	0.2585	0.259	0.00070711	0.258	0.2585	0.259	0.00070711	0	0	0	0
3	0.253	0.2589	0.261	0.0023781	0.253	0.2606	0.271	0.005379	-0.006	0.0017	0.013	0.0063953
10	0.253	0.2589	0.261	0.0023781	0.254	0.2605	0.27	0.0049497	-0.005	0.0016	0.012	0.0062929
30	0.253	0.2589	0.261	0.0023781	0.253	0.2602	0.272	0.0058271	-0.006	0.0013	0.014	0.0068321
50	0.253	0.2589	0.261	0.0023781	0.254	0.26	0.27	0.004899	-0.005	0.0011	0.012	0.0061545
100	0.256	0.25875	0.261	0.0015811	0.253	0.2585	0.268	0.0043425	-0.003	-0.00025	0.007	0.0032404

Device Test: 4.13 treg_Res10p5K_SENSE2/SENSE2/1.6/14/0/10.5K/0/@REG_TIME_10KOHM





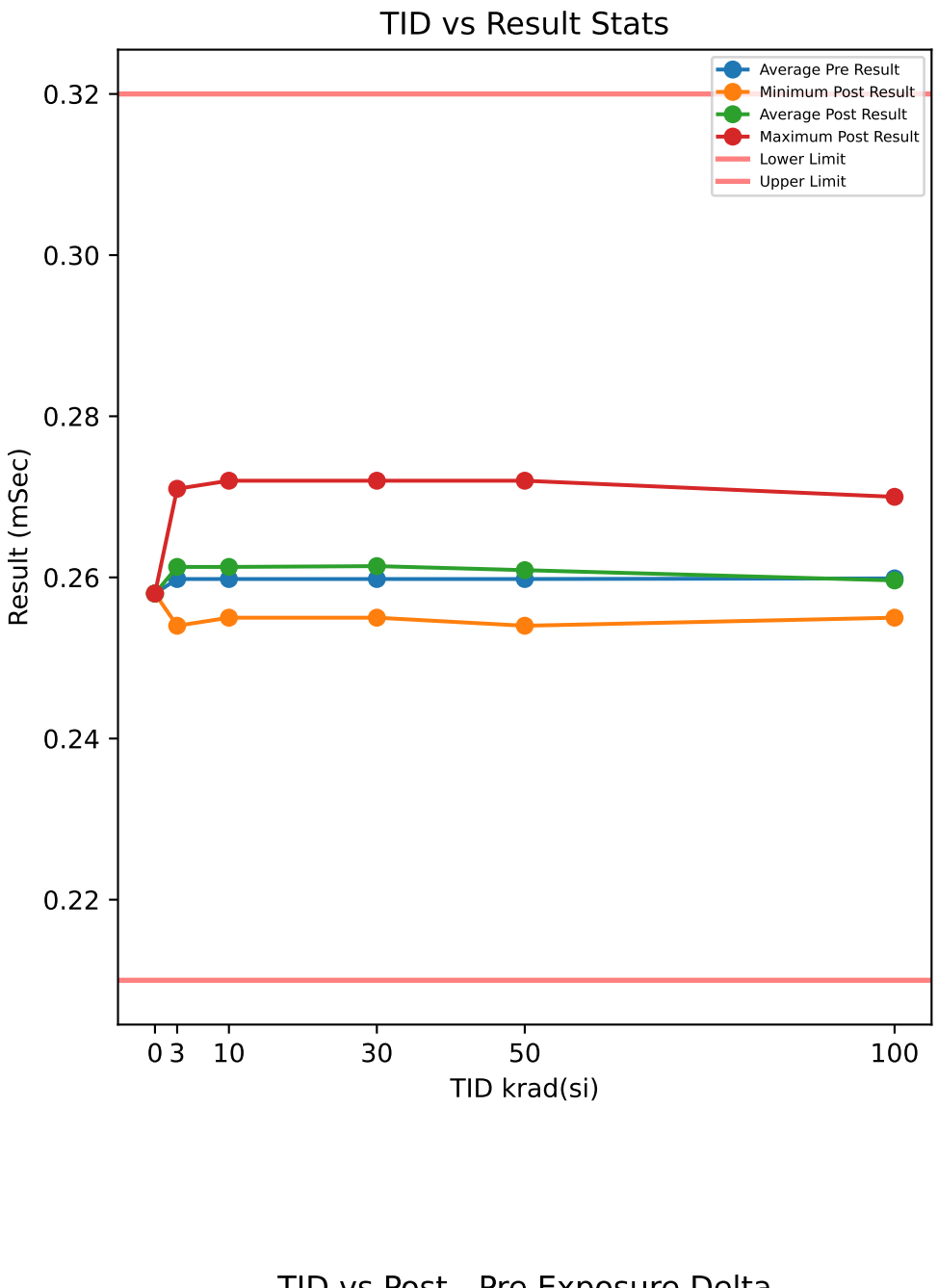
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

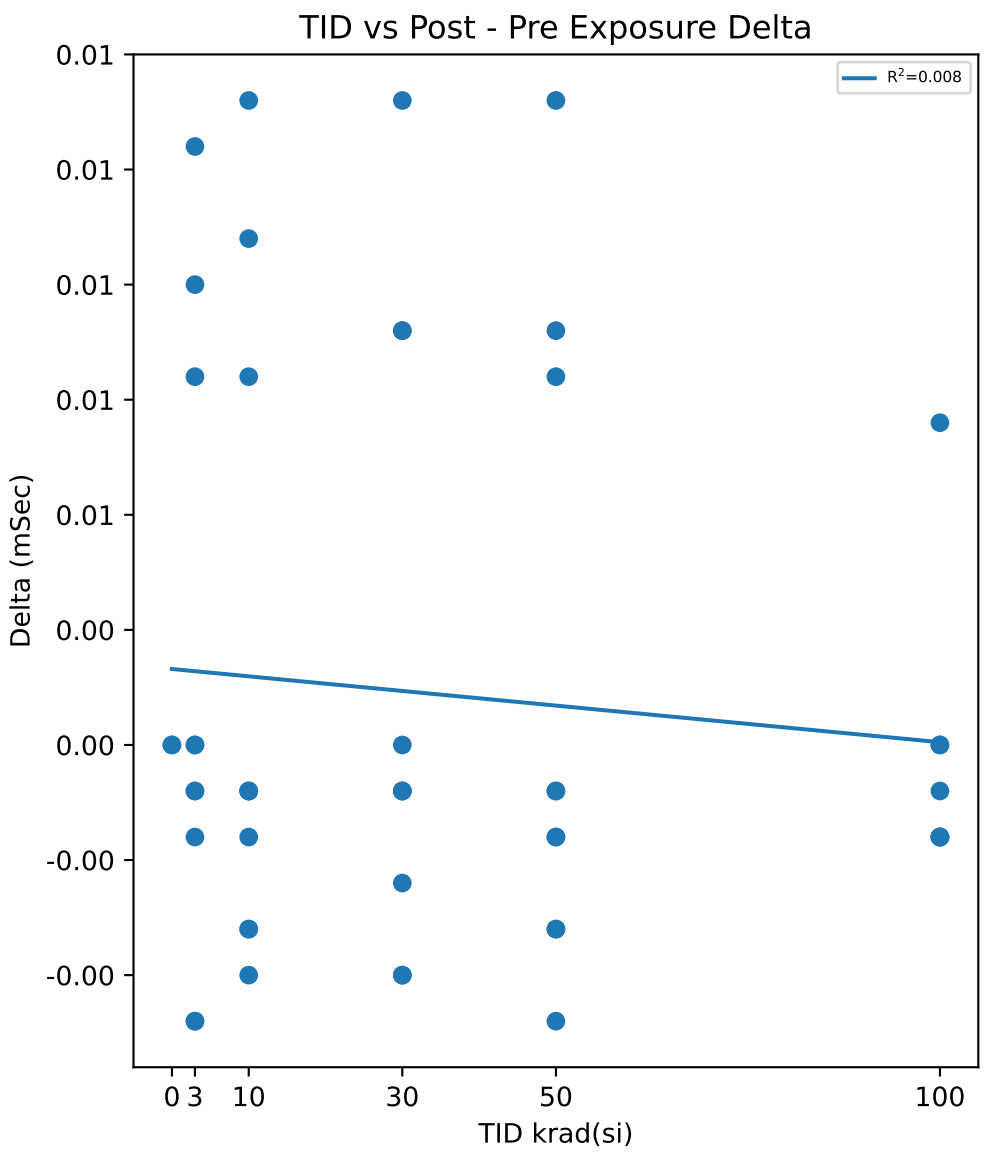
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.259	0.259	0
7	0	Correlation	0.258	0.258	0
16	3	LDR-Biased	0.26	0.272	0.012
18	3	LDR-Biased	0.261	0.259	-0.002
19	3	LDR-Biased	0.254	0.262	0.008
20	3	LDR-Biased	0.26	0.26	0
21	3	LDR-Biased	0.261	0.26	-0.001
22	3	LDR-Unbiased	0.262	0.257	-0.005
23	3	LDR-Unbiased	0.262	0.26	-0.002
25	3	LDR-Unbiased	0.26	0.254	-0.006
26	3	LDR-Unbiased	0.26	0.271	0.011
27	3	LDR-Unbiased	0.261	0.26	-0.001
46	10	LDR-Biased	0.26	0.272	0.012
48	10	LDR-Biased	0.261	0.259	-0.002
49	10	LDR-Biased	0.254	0.261	0.007
50	10	LDR-Biased	0.26	0.26	0
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.262	0.257	-0.005
53	10	LDR-Unbiased	0.262	0.259	-0.003
55	10	LDR-Unbiased	0.26	0.254	-0.006
56	10	LDR-Unbiased	0.26	0.269	0.009
57	10	LDR-Unbiased	0.261	0.26	-0.001
76	30	LDR-Biased	0.26	0.273	0.013
78	30	LDR-Biased	0.261	0.258	-0.003
79	30	LDR-Biased	0.254	0.261	0.007
80	30	LDR-Biased	0.26	0.259	-0.001
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.262	0.258	-0.004
83	30	LDR-Unbiased	0.262	0.258	-0.004
84	30	LDR-Unbiased	0.261	0.26	-0.001
85	30	LDR-Unbiased	0.26	0.255	-0.005
86	30	LDR-Unbiased	0.26	0.268	0.008
87	100	LDR-Biased	0.258	0.259	0.001
88	100	LDR-Biased	0.259	0.259	0
90	100	LDR-Biased	0.259	0.26	0.001
91	100	LDR-Unbiased	0.263	0.269	0.006
93	100	LDR-Unbiased	0.26	0.257	-0.003
94	100	LDR-Unbiased	0.259	0.258	-0.001
95	100	LDR-Unbiased	0.258	0.253	-0.005
96	100	LDR-Unbiased	0.262	0.261	-0.001
106	50	LDR-Biased	0.26	0.272	0.012
108	50	LDR-Biased	0.261	0.259	-0.002
109	50	LDR-Biased	0.254	0.262	0.008
110	50	LDR-Biased	0.26	0.26	0
111	50	LDR-Biased	0.261	0.26	-0.001
112	50	LDR-Unbiased	0.262	0.258	-0.004
113	50	LDR-Unbiased	0.262	0.259	-0.003
115	50	LDR-Unbiased	0.26	0.254	-0.006
116	50	LDR-Unbiased	0.26	0.269	0.009
117	50	LDR-Unbiased	0.261	0.26	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.258	0.2585	0.259	0.00070711	0.258	0.2585	0.259	0.00070711	0	0	0	0
3	0.254	0.2601	0.262	0.0022828	0.254	0.2615	0.272	0.0057009	-0.006	0.0014	0.012	0.0065013
10	0.254	0.2601	0.262	0.0022828	0.254	0.2612	0.272	0.0053707	-0.006	0.0011	0.012	0.0061183
30	0.254	0.2601	0.262	0.0022828	0.255	0.261	0.273	0.0053955	-0.005	0.0009	0.013	0.0061725
50	0.254	0.2601	0.262	0.0022828	0.254	0.2613	0.272	0.0053135	-0.006	0.0012	0.012	0.0061608
100	0.258	0.25975	0.263	0.0018323	0.253	0.2595	0.269	0.0045356	-0.005	-0.00025	0.006	0.0032404

Device Test: 4.14 treg_Res10p5K_SENSE3/SENSE3/1.6/14/0/10.5K/0/@REG_TIME_10KOHM





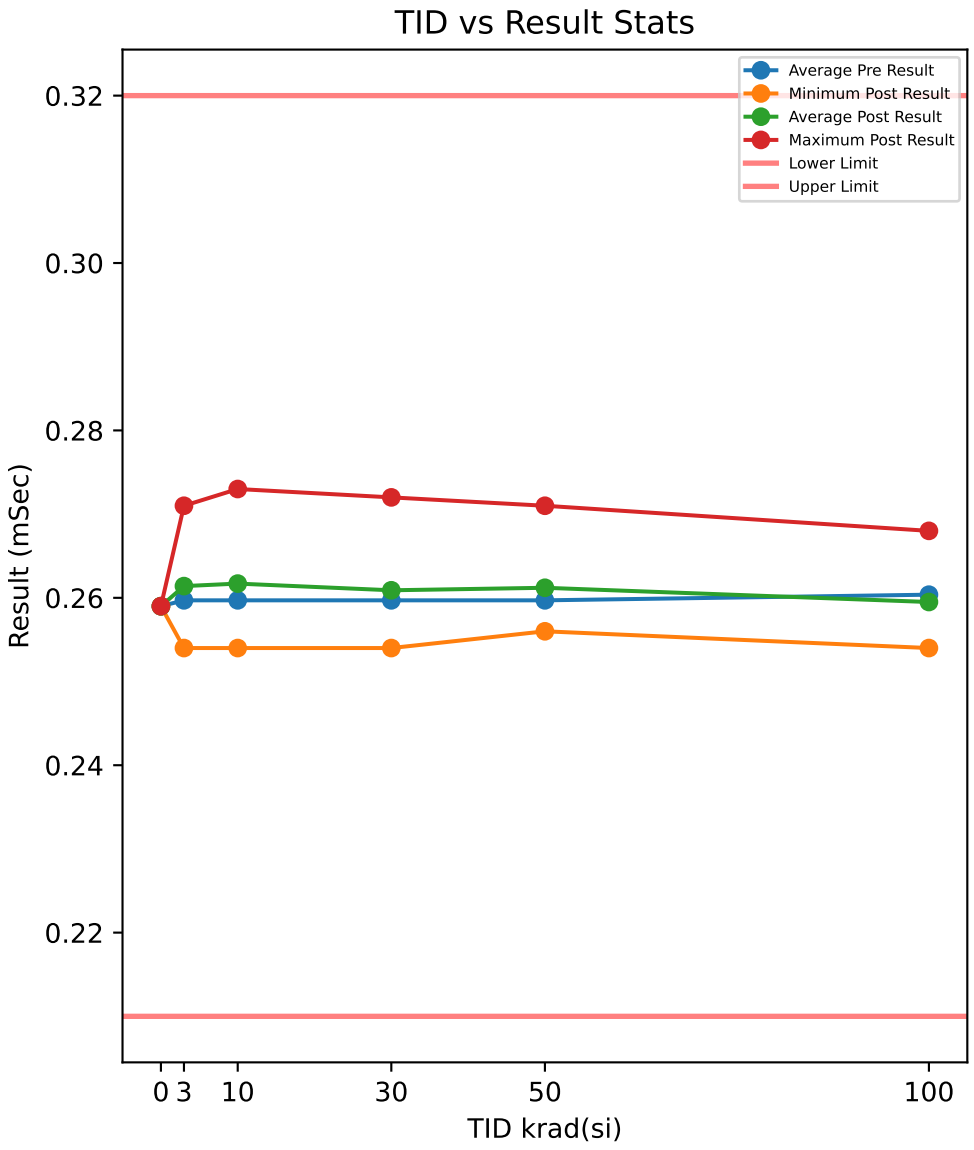
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

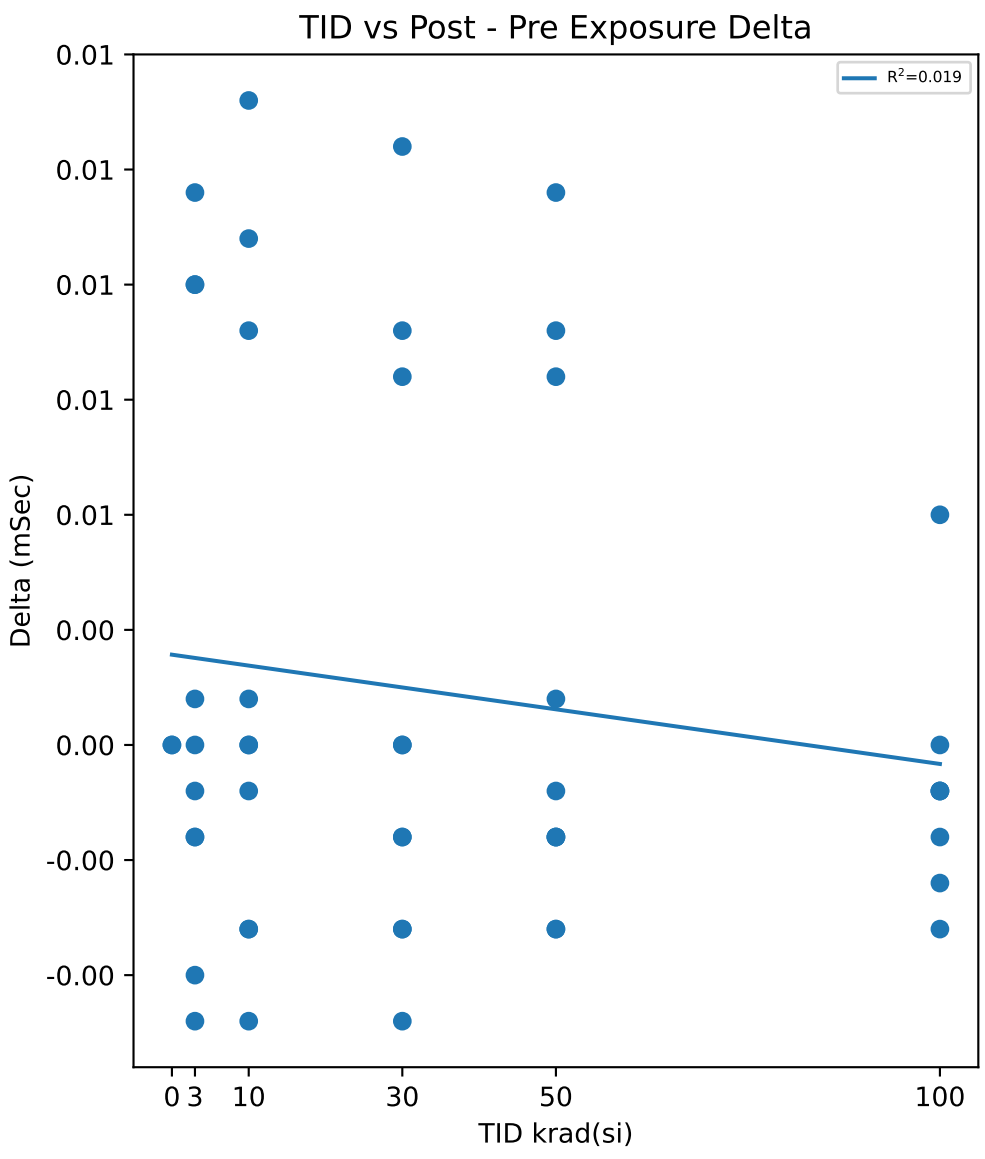
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.258	0.258	0
7	0	Correlation	0.258	0.258	0
16	3	LDR-Biased	0.258	0.271	0.013
18	3	LDR-Biased	0.26	0.259	-0.001
19	3	LDR-Biased	0.253	0.261	0.008
20	3	LDR-Biased	0.26	0.26	0
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.263	0.257	-0.006
23	3	LDR-Unbiased	0.262	0.26	-0.002
25	3	LDR-Unbiased	0.26	0.254	-0.006
26	3	LDR-Unbiased	0.26	0.27	0.01
27	3	LDR-Unbiased	0.261	0.26	-0.001
46	10	LDR-Biased	0.258	0.272	0.014
48	10	LDR-Biased	0.26	0.259	-0.001
49	10	LDR-Biased	0.253	0.261	0.008
50	10	LDR-Biased	0.26	0.259	-0.001
51	10	LDR-Biased	0.261	0.26	-0.001
52	10	LDR-Unbiased	0.263	0.259	-0.004
53	10	LDR-Unbiased	0.262	0.258	-0.004
55	10	LDR-Unbiased	0.26	0.255	-0.005
56	10	LDR-Unbiased	0.26	0.271	0.011
57	10	LDR-Unbiased	0.261	0.259	-0.002
76	30	LDR-Biased	0.258	0.272	0.014
78	30	LDR-Biased	0.26	0.259	-0.001
79	30	LDR-Biased	0.253	0.262	0.009
80	30	LDR-Biased	0.26	0.26	0
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.263	0.258	-0.005
83	30	LDR-Unbiased	0.262	0.259	-0.003
84	30	LDR-Unbiased	0.261	0.26	-0.001
85	30	LDR-Unbiased	0.26	0.255	-0.005
86	30	LDR-Unbiased	0.26	0.269	0.009
87	100	LDR-Biased	0.259	0.257	-0.002
88	100	LDR-Biased	0.26	0.259	-0.001
90	100	LDR-Biased	0.259	0.259	0
91	100	LDR-Unbiased	0.263	0.27	0.007
93	100	LDR-Unbiased	0.26	0.258	-0.002
94	100	LDR-Unbiased	0.26	0.258	-0.002
95	100	LDR-Unbiased	0.257	0.255	-0.002
96	100	LDR-Unbiased	0.261	0.261	0
106	50	LDR-Biased	0.258	0.272	0.014
108	50	LDR-Biased	0.26	0.258	-0.002
109	50	LDR-Biased	0.253	0.262	0.009
110	50	LDR-Biased	0.26	0.259	-0.001
111	50	LDR-Biased	0.261	0.26	-0.001
112	50	LDR-Unbiased	0.263	0.259	-0.004
113	50	LDR-Unbiased	0.262	0.258	-0.004
115	50	LDR-Unbiased	0.26	0.254	-0.006
116	50	LDR-Unbiased	0.26	0.268	0.008
117	50	LDR-Unbiased	0.261	0.259	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.258	0.258	0.258	0	0.258	0.258	0.258	0	0	0	0	0
3	0.253	0.2598	0.263	0.0027406	0.254	0.2613	0.271	0.0052926	-0.006	0.0015	0.013	0.0065701
10	0.253	0.2598	0.263	0.0027406	0.255	0.2613	0.272	0.0055986	-0.005	0.0015	0.014	0.0068516
30	0.253	0.2598	0.263	0.0027406	0.255	0.2614	0.272	0.0051683	-0.005	0.0016	0.014	0.0066198
50	0.253	0.2598	0.263	0.0027406	0.254	0.2609	0.272	0.0052799	-0.006	0.0011	0.014	0.0067239
100	0.257	0.25988	0.263	0.0017269	0.255	0.25962	0.27	0.0045336	-0.002	-0.00025	0.007	0.0030589

Device Test: 4.15 treg_Res10p5K_SENSE4/SENSE4/1.6/14/0/10.5K/0/@REG_TIME_10KOHM





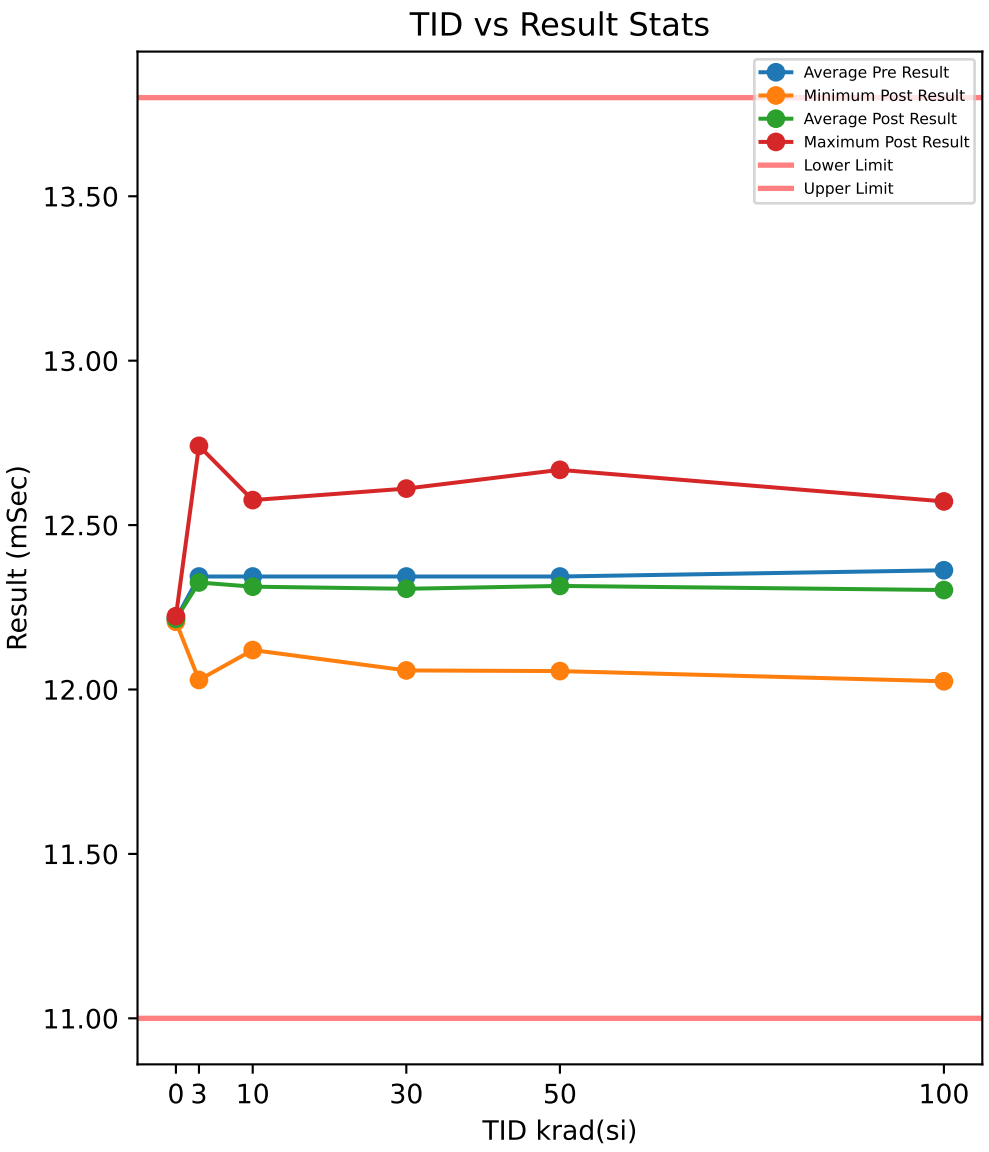
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.259	0.259	0
7	0	Correlation	0.259	0.259	0
16	3	LDR-Biased	0.259	0.271	0.012
18	3	LDR-Biased	0.26	0.258	-0.002
19	3	LDR-Biased	0.253	0.263	0.01
20	3	LDR-Biased	0.26	0.26	0
21	3	LDR-Biased	0.26	0.261	0.001
22	3	LDR-Unbiased	0.262	0.257	-0.005
23	3	LDR-Unbiased	0.262	0.26	-0.002
25	3	LDR-Unbiased	0.26	0.254	-0.006
26	3	LDR-Unbiased	0.26	0.27	0.01
27	3	LDR-Unbiased	0.261	0.26	-0.001
46	10	LDR-Biased	0.259	0.273	0.014
48	10	LDR-Biased	0.26	0.259	-0.001
49	10	LDR-Biased	0.253	0.262	0.009
50	10	LDR-Biased	0.26	0.26	0
51	10	LDR-Biased	0.26	0.261	0.001
52	10	LDR-Unbiased	0.262	0.258	-0.004
53	10	LDR-Unbiased	0.262	0.258	-0.004
55	10	LDR-Unbiased	0.26	0.254	-0.006
56	10	LDR-Unbiased	0.26	0.271	0.011
57	10	LDR-Unbiased	0.261	0.261	0
76	30	LDR-Biased	0.259	0.272	0.013
78	30	LDR-Biased	0.26	0.258	-0.002
79	30	LDR-Biased	0.253	0.261	0.008
80	30	LDR-Biased	0.26	0.26	0
81	30	LDR-Biased	0.26	0.26	0
82	30	LDR-Unbiased	0.262	0.258	-0.004
83	30	LDR-Unbiased	0.262	0.258	-0.004
84	30	LDR-Unbiased	0.261	0.259	-0.002
85	30	LDR-Unbiased	0.26	0.254	-0.006
86	30	LDR-Unbiased	0.26	0.269	0.009
87	100	LDR-Biased	0.259	0.258	-0.001
88	100	LDR-Biased	0.26	0.259	-0.001
90	100	LDR-Biased	0.261	0.259	-0.002
91	100	LDR-Unbiased	0.263	0.268	0.005
93	100	LDR-Unbiased	0.261	0.258	-0.003
94	100	LDR-Unbiased	0.26	0.259	-0.001
95	100	LDR-Unbiased	0.258	0.254	-0.004
96	100	LDR-Unbiased	0.261	0.261	0
106	50	LDR-Biased	0.259	0.271	0.012
108	50	LDR-Biased	0.26	0.258	-0.002
109	50	LDR-Biased	0.253	0.262	0.009
110	50	LDR-Biased	0.26	0.259	-0.001
111	50	LDR-Biased	0.26	0.261	0.001
112	50	LDR-Unbiased	0.262	0.258	-0.004
113	50	LDR-Unbiased	0.262	0.26	-0.002
115	50	LDR-Unbiased	0.26	0.256	-0.004
116	50	LDR-Unbiased	0.26	0.268	0.008
117	50	LDR-Unbiased	0.261	0.259	-0.002

Test Statistics (mSec)

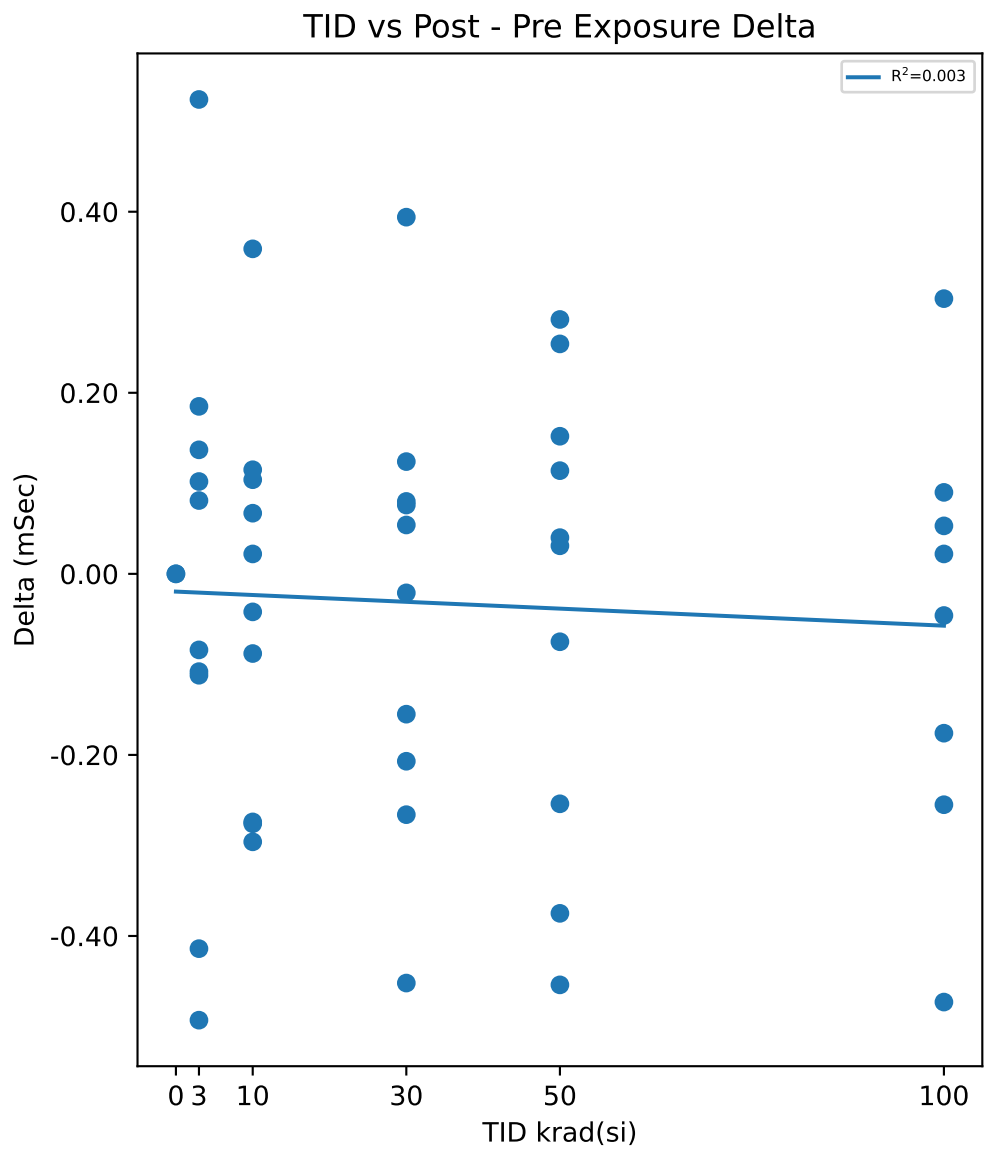
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.259	0.259	0	0.259	0.259	0.259	0	0	0	0	0
3	0.253	0.2597	0.262	0.0025408	0.254	0.2614	0.271	0.005379	-0.006	0.0017	0.012	0.0065498
10	0.253	0.2597	0.262	0.0025408	0.254	0.2617	0.273	0.0058888	-0.006	0.002	0.014	0.0068961
30	0.253	0.2597	0.262	0.0025408	0.254	0.2609	0.272	0.0054457	-0.006	0.0012	0.013	0.0064601
50	0.253	0.2597	0.262	0.0025408	0.256	0.2612	0.271	0.0047329	-0.004	0.0015	0.012	0.0058926
100	0.258	0.26038	0.263	0.0015059	0.254	0.2595	0.268	0.0039641	-0.004	-0.000875	0.005	0.0026959

Device Test: 4.16 treg_Res619K_SENSE1/SENSE1/1.6/14/0/619K/0/@REG_TIME_500KOHM



Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

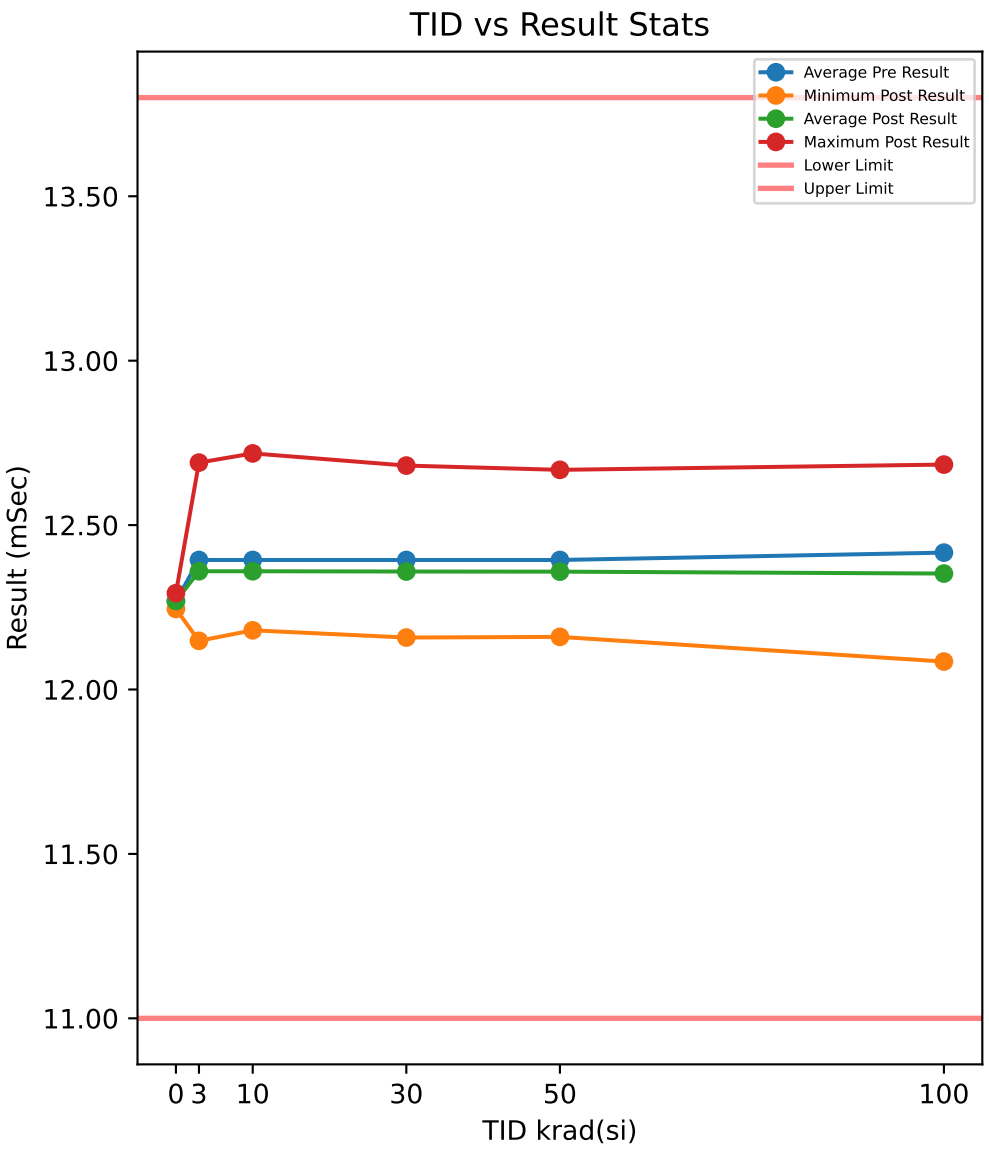
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.223	12.223	0
7	0	Correlation	12.206	12.206	0
16	3	LDR-Biased	12.387	12.468	0.081
18	3	LDR-Biased	12.265	12.181	-0.084
19	3	LDR-Biased	12.336	12.228	-0.108
20	3	LDR-Biased	12.162	12.299	0.137
21	3	LDR-Biased	12.282	12.384	0.102
22	3	LDR-Unbiased	12.547	12.435	-0.112
23	3	LDR-Unbiased	12.522	12.029	-0.493
25	3	LDR-Unbiased	12.208	12.393	0.185
26	3	LDR-Unbiased	12.217	12.741	0.524
27	3	LDR-Unbiased	12.51	12.096	-0.414
46	10	LDR-Biased	12.387	12.491	0.104
48	10	LDR-Biased	12.265	12.332	0.067
49	10	LDR-Biased	12.336	12.248	-0.088
50	10	LDR-Biased	12.162	12.12	-0.042
51	10	LDR-Biased	12.282	12.397	0.115
52	10	LDR-Unbiased	12.547	12.271	-0.276
53	10	LDR-Unbiased	12.522	12.226	-0.296
55	10	LDR-Unbiased	12.208	12.23	0.022
56	10	LDR-Unbiased	12.217	12.576	0.359
57	10	LDR-Unbiased	12.51	12.236	-0.274
76	30	LDR-Biased	12.387	12.511	0.124
78	30	LDR-Biased	12.265	12.345	0.08
79	30	LDR-Biased	12.336	12.129	-0.207
80	30	LDR-Biased	12.162	12.141	-0.021
81	30	LDR-Biased	12.282	12.358	0.076
82	30	LDR-Unbiased	12.547	12.392	-0.155
83	30	LDR-Unbiased	12.522	12.256	-0.266
84	30	LDR-Unbiased	12.51	12.058	-0.452
85	30	LDR-Unbiased	12.208	12.262	0.054
86	30	LDR-Unbiased	12.217	12.611	0.394
87	100	LDR-Biased	12.304	12.357	0.053
88	100	LDR-Biased	12.276	12.23	-0.046
90	100	LDR-Biased	12.411	12.235	-0.176
91	100	LDR-Unbiased	12.55	12.572	0.022
93	100	LDR-Unbiased	12.28	12.025	-0.255
94	100	LDR-Unbiased	12.275	12.365	0.09
95	100	LDR-Unbiased	12.141	12.445	0.304
96	100	LDR-Unbiased	12.664	12.191	-0.473
106	50	LDR-Biased	12.387	12.668	0.281
108	50	LDR-Biased	12.265	12.417	0.152
109	50	LDR-Biased	12.336	12.261	-0.075
110	50	LDR-Biased	12.162	12.276	0.114
111	50	LDR-Biased	12.282	12.322	0.04
112	50	LDR-Unbiased	12.547	12.172	-0.375
113	50	LDR-Unbiased	12.522	12.268	-0.254
115	50	LDR-Unbiased	12.208	12.239	0.031
116	50	LDR-Unbiased	12.217	12.471	0.254
117	50	LDR-Unbiased	12.51	12.056	-0.454

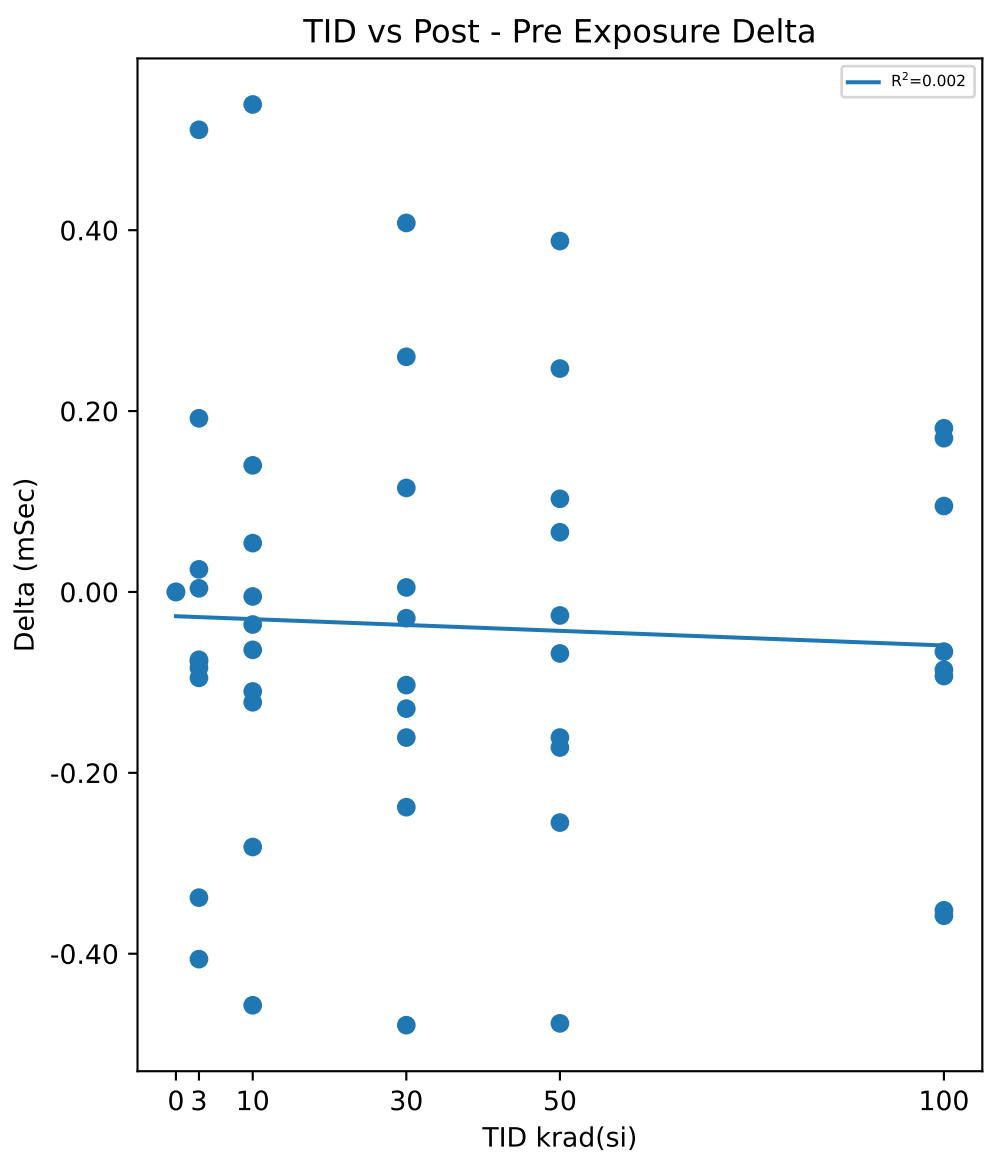


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.206	12.215	12.223	0.012021	12.206	12.215	12.223	0.012021	0	0	0	0
3	12.162	12.344	12.547	0.1415	12.029	12.325	12.741	0.20672	-0.493	-0.0182	0.524	0.2957
10	12.162	12.344	12.547	0.1415	12.12	12.313	12.576	0.1382	-0.296	-0.0309	0.359	0.20995
30	12.162	12.344	12.547	0.1415	12.058	12.306	12.611	0.17358	-0.452	-0.0373	0.394	0.23902
50	12.162	12.344	12.547	0.1415	12.056	12.315	12.668	0.16975	-0.454	-0.0286	0.281	0.25622
100	12.141	12.363	12.664	0.17023	12.025	12.303	12.572	0.16863	-0.473	-0.060125	0.304	0.23807

Device Test: 4.17 treg_Res619K_SENSE2/SENSE2/1.6/14/0/619K/0/@REG_TIME_500KOHM





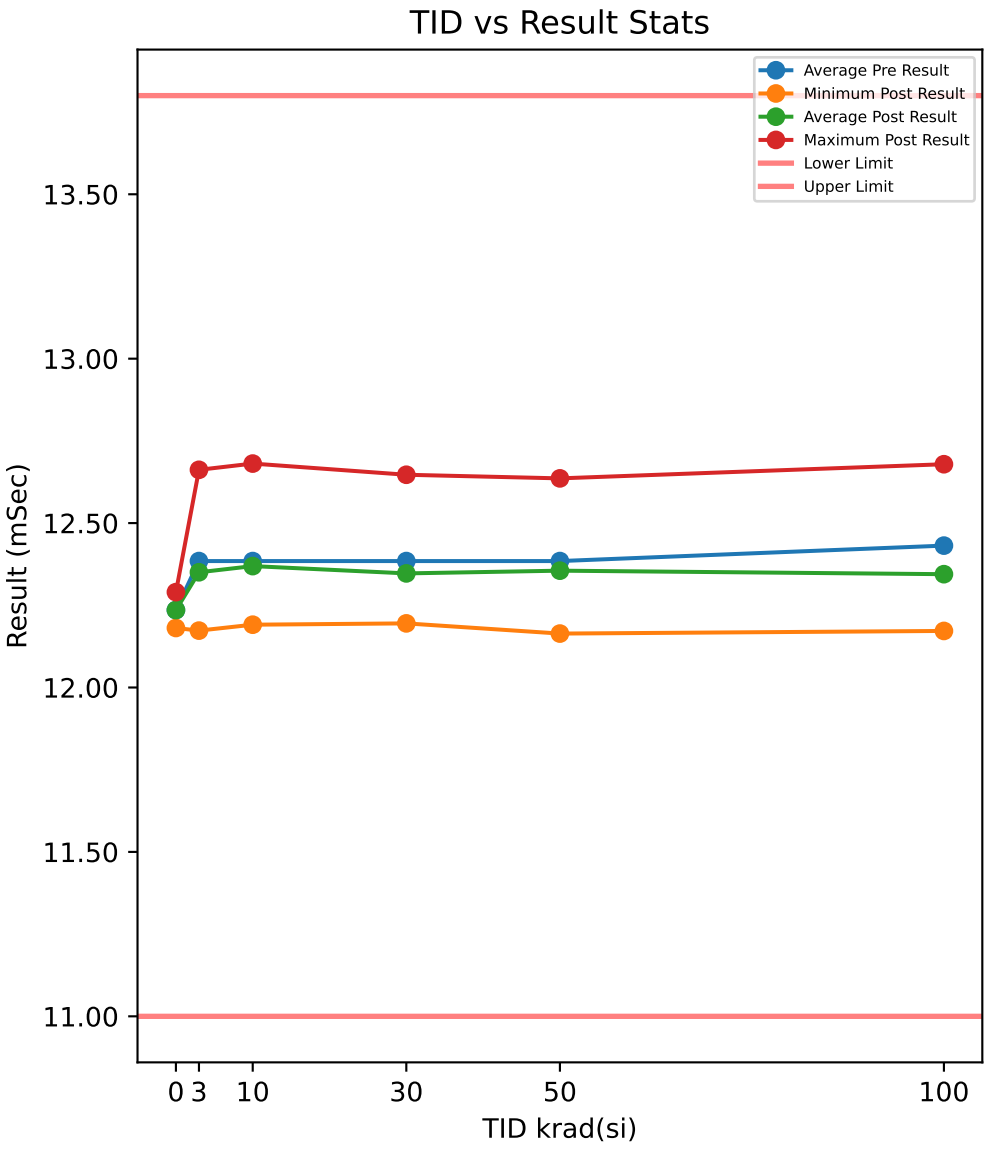
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

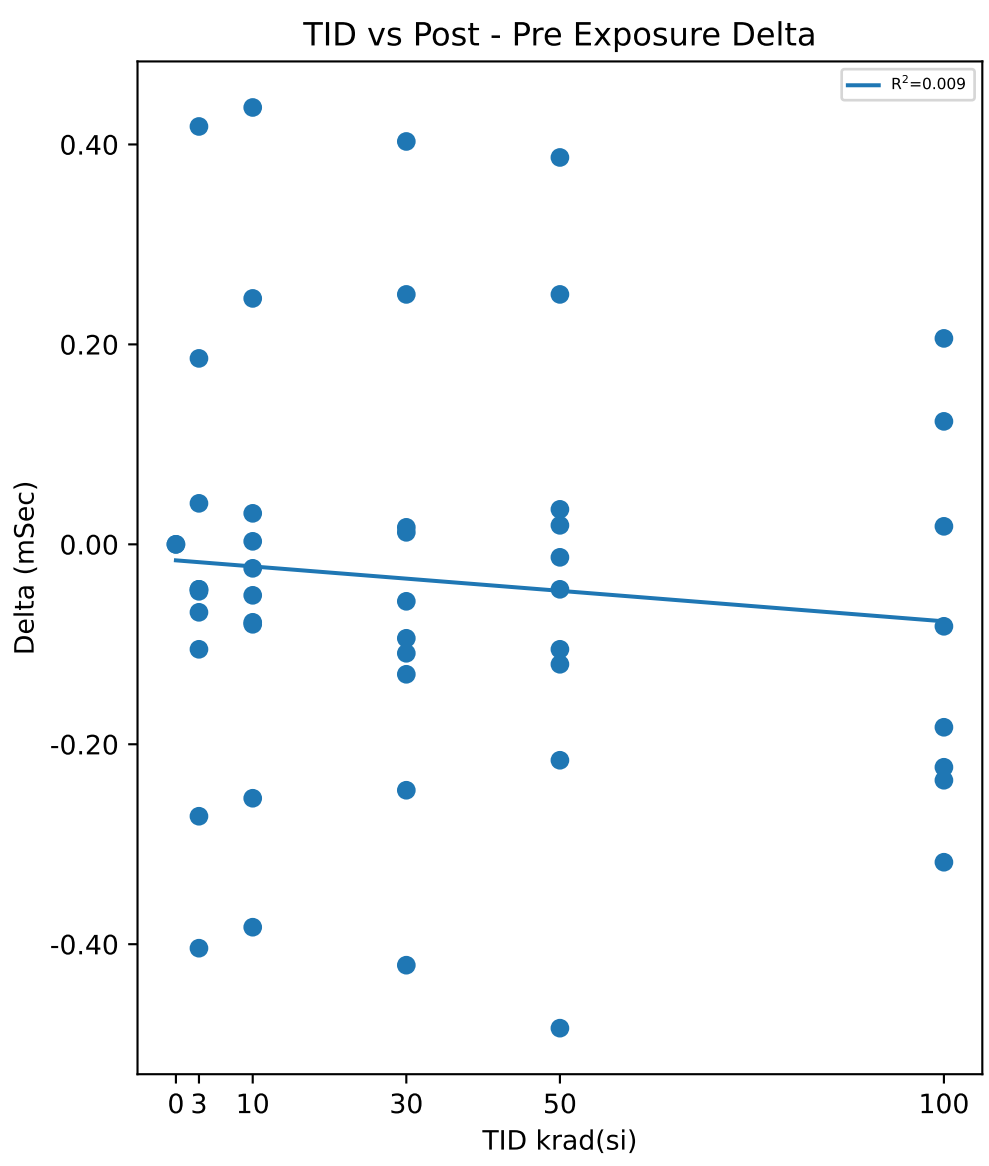
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.245	12.245	0
7	0	Correlation	12.293	12.293	0
16	3	LDR-Biased	12.421	12.613	0.192
18	3	LDR-Biased	12.346	12.35	0.004
19	3	LDR-Biased	12.305	12.23	-0.075
20	3	LDR-Biased	12.314	12.219	-0.095
21	3	LDR-Biased	12.452	12.375	-0.077
22	3	LDR-Unbiased	12.504	12.42	-0.084
23	3	LDR-Unbiased	12.486	12.148	-0.338
25	3	LDR-Unbiased	12.295	12.32	0.025
26	3	LDR-Unbiased	12.179	12.69	0.511
27	3	LDR-Unbiased	12.637	12.231	-0.406
46	10	LDR-Biased	12.421	12.561	0.14
48	10	LDR-Biased	12.346	12.341	-0.005
49	10	LDR-Biased	12.305	12.195	-0.11
50	10	LDR-Biased	12.314	12.278	-0.036
51	10	LDR-Biased	12.452	12.388	-0.064
52	10	LDR-Unbiased	12.504	12.382	-0.122
53	10	LDR-Unbiased	12.486	12.204	-0.282
55	10	LDR-Unbiased	12.295	12.349	0.054
56	10	LDR-Unbiased	12.179	12.718	0.539
57	10	LDR-Unbiased	12.637	12.18	-0.457
76	30	LDR-Biased	12.421	12.681	0.26
78	30	LDR-Biased	12.346	12.351	0.005
79	30	LDR-Biased	12.305	12.276	-0.029
80	30	LDR-Biased	12.314	12.211	-0.103
81	30	LDR-Biased	12.452	12.323	-0.129
82	30	LDR-Unbiased	12.504	12.343	-0.161
83	30	LDR-Unbiased	12.486	12.248	-0.238
84	30	LDR-Unbiased	12.637	12.158	-0.479
85	30	LDR-Unbiased	12.295	12.41	0.115
86	30	LDR-Unbiased	12.179	12.587	0.408
87	100	LDR-Biased	12.405	12.5	0.095
88	100	LDR-Biased	12.348	12.255	-0.093
90	100	LDR-Biased	12.34	12.254	-0.086
91	100	LDR-Unbiased	12.514	12.684	0.17
93	100	LDR-Unbiased	12.443	12.085	-0.358
94	100	LDR-Unbiased	12.351	12.285	-0.066
95	100	LDR-Unbiased	12.253	12.434	0.181
96	100	LDR-Unbiased	12.676	12.324	-0.352
106	50	LDR-Biased	12.421	12.668	0.247
108	50	LDR-Biased	12.346	12.412	0.066
109	50	LDR-Biased	12.305	12.237	-0.068
110	50	LDR-Biased	12.314	12.288	-0.026
111	50	LDR-Biased	12.452	12.28	-0.172
112	50	LDR-Unbiased	12.504	12.343	-0.161
113	50	LDR-Unbiased	12.486	12.231	-0.255
115	50	LDR-Unbiased	12.295	12.398	0.103
116	50	LDR-Unbiased	12.179	12.567	0.388
117	50	LDR-Unbiased	12.637	12.16	-0.477

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.245	12.269	12.293	0.033941	12.245	12.269	12.293	0.033941	0	0	0	0
3	12.179	12.394	12.637	0.13181	12.148	12.36	12.69	0.17537	-0.406	-0.0343	0.511	0.25681
10	12.179	12.394	12.637	0.13181	12.18	12.36	12.718	0.17029	-0.457	-0.0343	0.539	0.2629
30	12.179	12.394	12.637	0.13181	12.158	12.359	12.681	0.16377	-0.479	-0.0351	0.408	0.25278
50	12.179	12.394	12.637	0.13181	12.16	12.358	12.668	0.15828	-0.477	-0.0355	0.388	0.25106
100	12.253	12.416	12.676	0.13052	12.085	12.353	12.684	0.183	-0.358	-0.063625	0.181	0.2107

Device Test: 4.18 treg_Res619K_SENSE3/SENSE3/1.6/14/0/619K/0/@REG_TIME_500KOHM





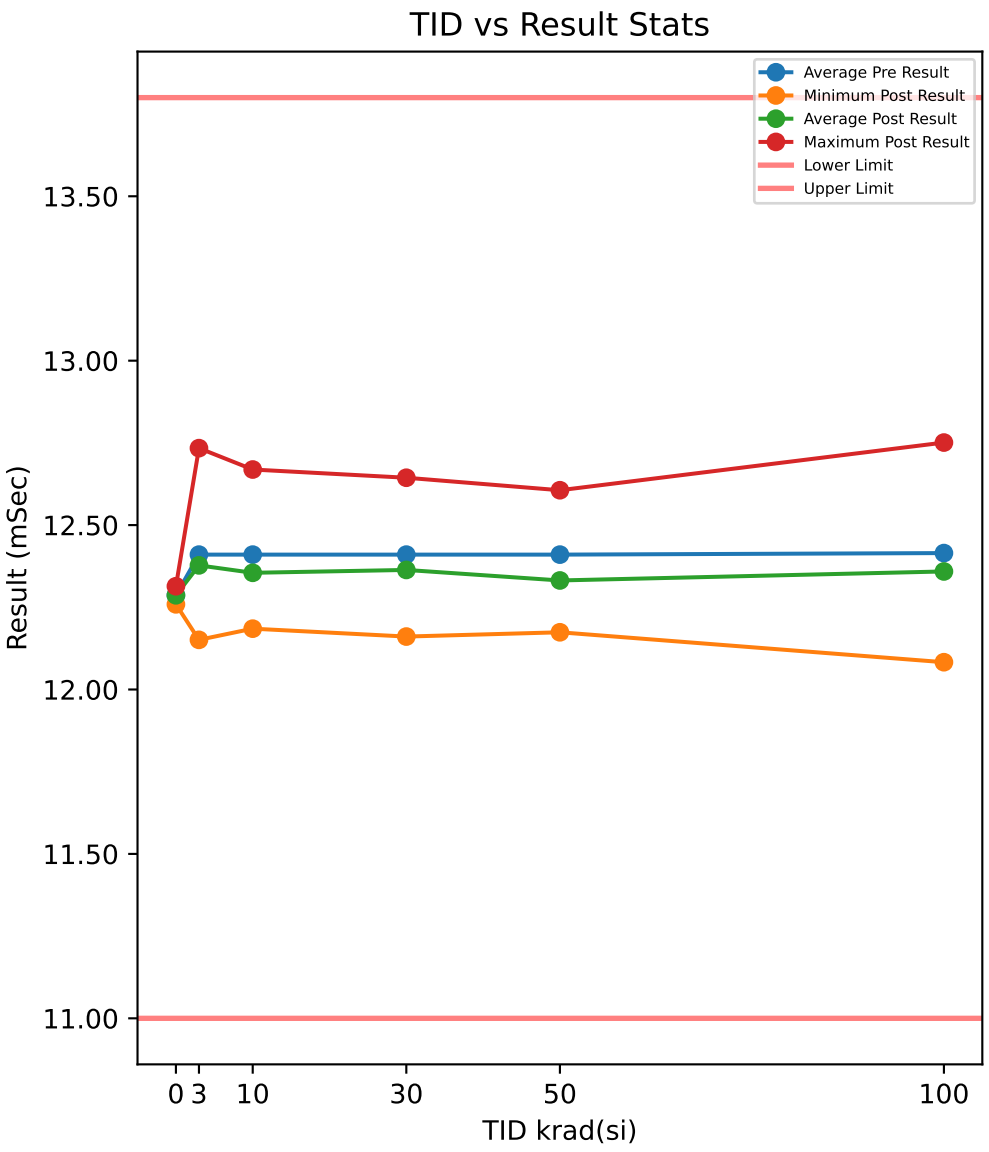
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

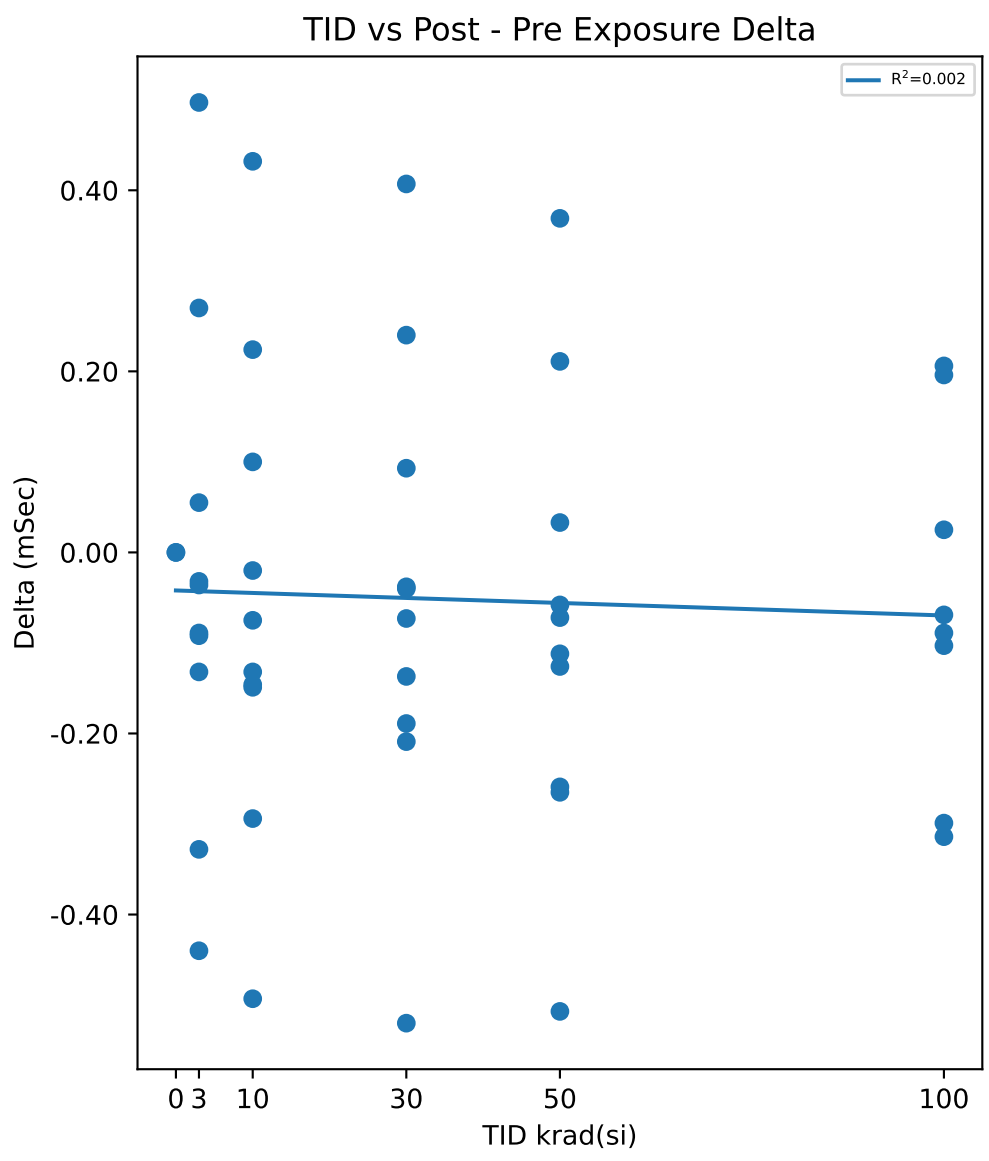
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.181	12.181	0
7	0	Correlation	12.29	12.29	0
16	3	LDR-Biased	12.386	12.572	0.186
18	3	LDR-Biased	12.349	12.302	-0.047
19	3	LDR-Biased	12.252	12.184	-0.068
20	3	LDR-Biased	12.316	12.271	-0.045
21	3	LDR-Biased	12.398	12.353	-0.045
22	3	LDR-Unbiased	12.472	12.367	-0.105
23	3	LDR-Unbiased	12.445	12.173	-0.272
25	3	LDR-Unbiased	12.335	12.376	0.041
26	3	LDR-Unbiased	12.244	12.662	0.418
27	3	LDR-Unbiased	12.648	12.244	-0.404
46	10	LDR-Biased	12.386	12.632	0.246
48	10	LDR-Biased	12.349	12.269	-0.08
49	10	LDR-Biased	12.252	12.228	-0.024
50	10	LDR-Biased	12.316	12.238	-0.078
51	10	LDR-Biased	12.398	12.401	0.003
52	10	LDR-Unbiased	12.472	12.421	-0.051
53	10	LDR-Unbiased	12.445	12.191	-0.254
55	10	LDR-Unbiased	12.335	12.366	0.031
56	10	LDR-Unbiased	12.244	12.681	0.437
57	10	LDR-Unbiased	12.648	12.265	-0.383
76	30	LDR-Biased	12.386	12.636	0.25
78	30	LDR-Biased	12.349	12.361	0.012
79	30	LDR-Biased	12.252	12.195	-0.057
80	30	LDR-Biased	12.316	12.222	-0.094
81	30	LDR-Biased	12.398	12.289	-0.109
82	30	LDR-Unbiased	12.472	12.342	-0.13
83	30	LDR-Unbiased	12.445	12.199	-0.246
84	30	LDR-Unbiased	12.648	12.227	-0.421
85	30	LDR-Unbiased	12.335	12.352	0.017
86	30	LDR-Unbiased	12.244	12.647	0.403
87	100	LDR-Biased	12.463	12.481	0.018
88	100	LDR-Biased	12.411	12.188	-0.223
90	100	LDR-Biased	12.376	12.193	-0.183
91	100	LDR-Unbiased	12.473	12.679	0.206
93	100	LDR-Unbiased	12.408	12.172	-0.236
94	100	LDR-Unbiased	12.412	12.33	-0.082
95	100	LDR-Unbiased	12.261	12.384	0.123
96	100	LDR-Unbiased	12.648	12.33	-0.318
106	50	LDR-Biased	12.386	12.636	0.25
108	50	LDR-Biased	12.349	12.384	0.035
109	50	LDR-Biased	12.252	12.271	0.019
110	50	LDR-Biased	12.316	12.271	-0.045
111	50	LDR-Biased	12.398	12.293	-0.105
112	50	LDR-Unbiased	12.472	12.352	-0.12
113	50	LDR-Unbiased	12.445	12.229	-0.216
115	50	LDR-Unbiased	12.335	12.322	-0.013
116	50	LDR-Unbiased	12.244	12.631	0.387
117	50	LDR-Unbiased	12.648	12.164	-0.484

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.181	12.235	12.29	0.077075	12.181	12.235	12.29	0.077075	0	0	0	0
3	12.244	12.384	12.648	0.11862	12.173	12.35	12.662	0.15856	-0.404	-0.0341	0.418	0.2257
10	12.244	12.384	12.648	0.11862	12.191	12.369	12.681	0.1699	-0.383	-0.0153	0.437	0.23021
30	12.244	12.384	12.648	0.11862	12.195	12.347	12.647	0.16739	-0.421	-0.0375	0.403	0.23331
50	12.244	12.384	12.648	0.11862	12.164	12.355	12.636	0.15895	-0.484	-0.0292	0.387	0.23895
100	12.261	12.431	12.648	0.10895	12.172	12.345	12.679	0.17308	-0.318	-0.086875	0.206	0.18681

Device Test: 4.19 treg_Res619K_SENSE4/SENSE4/1.6/14/0/619K/0/@REG_TIME_500KOHM





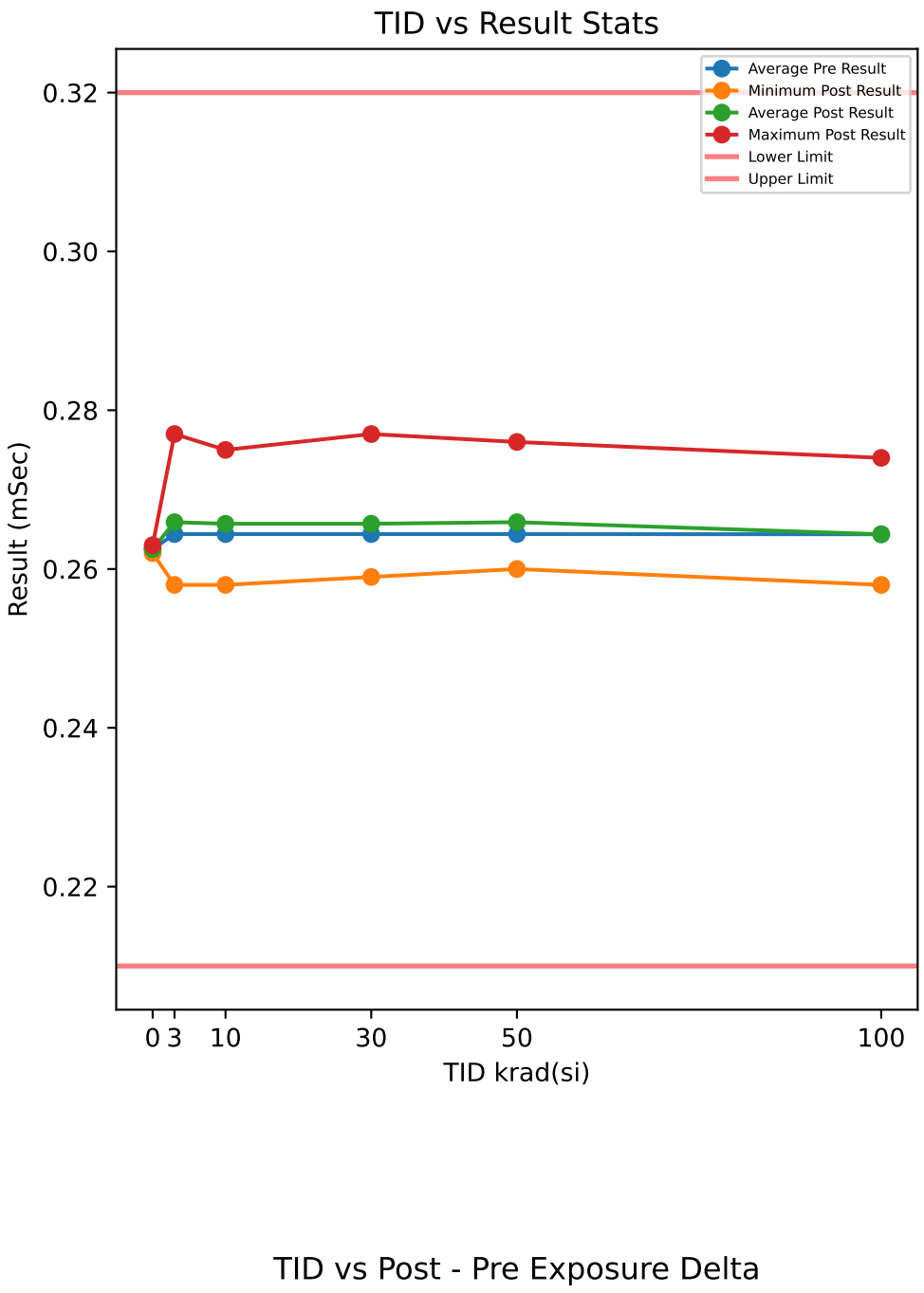
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

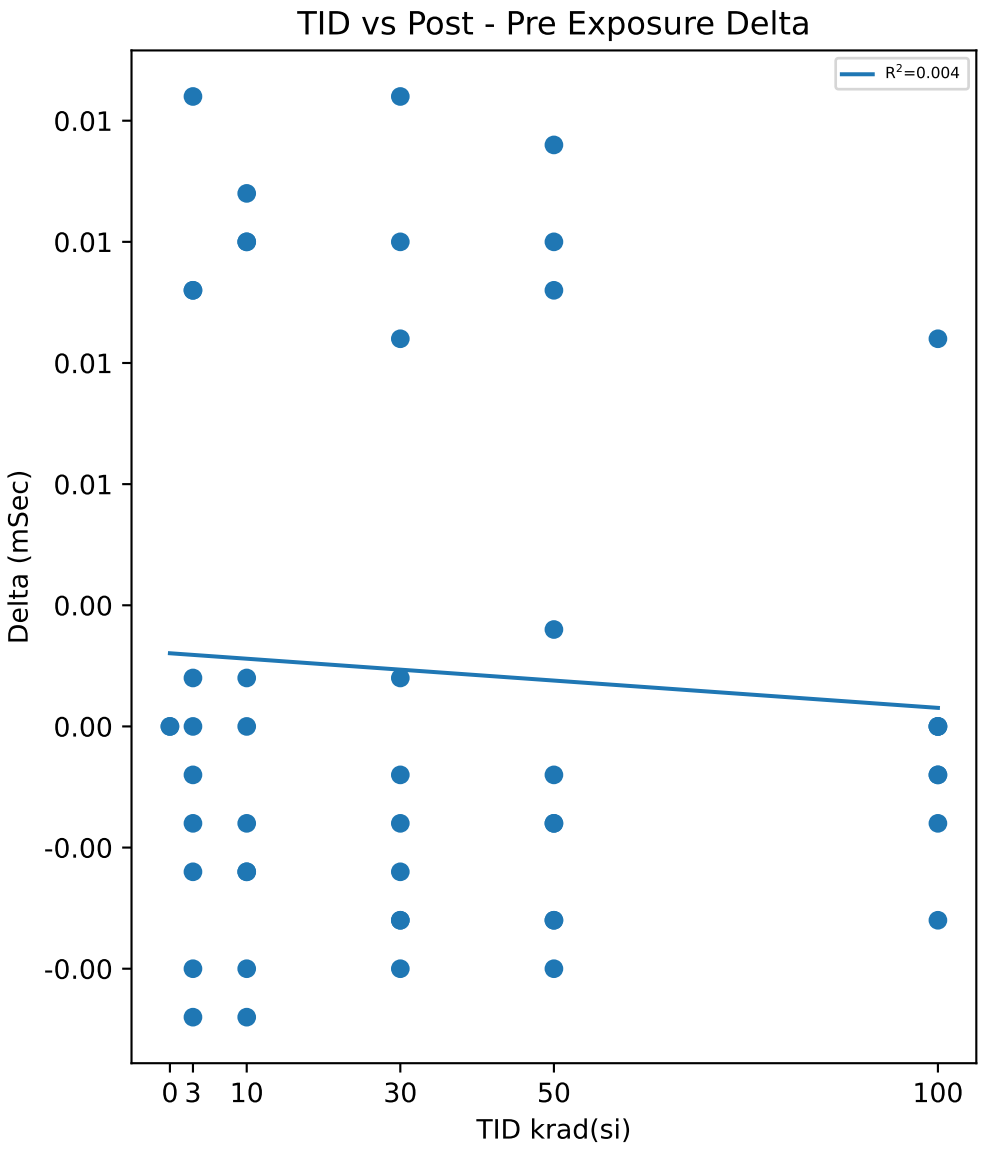
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.259	12.259	0
7	0	Correlation	12.314	12.314	0
16	3	LDR-Biased	12.386	12.656	0.27
18	3	LDR-Biased	12.404	12.372	-0.032
19	3	LDR-Biased	12.292	12.256	-0.036
20	3	LDR-Biased	12.323	12.231	-0.092
21	3	LDR-Biased	12.463	12.331	-0.132
22	3	LDR-Unbiased	12.536	12.447	-0.089
23	3	LDR-Unbiased	12.479	12.151	-0.328
25	3	LDR-Unbiased	12.301	12.356	0.055
26	3	LDR-Unbiased	12.237	12.734	0.497
27	3	LDR-Unbiased	12.681	12.241	-0.44
46	10	LDR-Biased	12.386	12.61	0.224
48	10	LDR-Biased	12.404	12.272	-0.132
49	10	LDR-Biased	12.292	12.272	-0.02
50	10	LDR-Biased	12.323	12.248	-0.075
51	10	LDR-Biased	12.463	12.314	-0.149
52	10	LDR-Unbiased	12.536	12.39	-0.146
53	10	LDR-Unbiased	12.479	12.185	-0.294
55	10	LDR-Unbiased	12.301	12.401	0.1
56	10	LDR-Unbiased	12.237	12.669	0.432
57	10	LDR-Unbiased	12.681	12.188	-0.493
76	30	LDR-Biased	12.386	12.626	0.24
78	30	LDR-Biased	12.404	12.331	-0.073
79	30	LDR-Biased	12.292	12.254	-0.038
80	30	LDR-Biased	12.323	12.283	-0.04
81	30	LDR-Biased	12.463	12.326	-0.137
82	30	LDR-Unbiased	12.536	12.347	-0.189
83	30	LDR-Unbiased	12.479	12.27	-0.209
84	30	LDR-Unbiased	12.681	12.161	-0.52
85	30	LDR-Unbiased	12.301	12.394	0.093
86	30	LDR-Unbiased	12.237	12.644	0.407
87	100	LDR-Biased	12.435	12.46	0.025
88	100	LDR-Biased	12.348	12.259	-0.089
90	100	LDR-Biased	12.362	12.259	-0.103
91	100	LDR-Unbiased	12.545	12.751	0.206
93	100	LDR-Unbiased	12.382	12.083	-0.299
94	100	LDR-Unbiased	12.372	12.303	-0.069
95	100	LDR-Unbiased	12.263	12.459	0.196
96	100	LDR-Unbiased	12.612	12.298	-0.314
106	50	LDR-Biased	12.386	12.597	0.211
108	50	LDR-Biased	12.404	12.332	-0.072
109	50	LDR-Biased	12.292	12.18	-0.112
110	50	LDR-Biased	12.323	12.265	-0.058
111	50	LDR-Biased	12.463	12.337	-0.126
112	50	LDR-Unbiased	12.536	12.277	-0.259
113	50	LDR-Unbiased	12.479	12.214	-0.265
115	50	LDR-Unbiased	12.301	12.334	0.033
116	50	LDR-Unbiased	12.237	12.606	0.369
117	50	LDR-Unbiased	12.681	12.174	-0.507

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.259	12.287	12.314	0.038891	12.259	12.287	12.314	0.038891	0	0	0	0
3	12.237	12.41	12.681	0.13367	12.151	12.378	12.734	0.18806	-0.44	-0.0327	0.497	0.26865
10	12.237	12.41	12.681	0.13367	12.185	12.355	12.669	0.16689	-0.493	-0.0553	0.432	0.26091
30	12.237	12.41	12.681	0.13367	12.161	12.364	12.644	0.15616	-0.52	-0.0466	0.407	0.25541
50	12.237	12.41	12.681	0.13367	12.174	12.332	12.606	0.1545	-0.507	-0.0786	0.369	0.2475
100	12.263	12.415	12.612	0.11304	12.083	12.359	12.751	0.19889	-0.314	-0.055875	0.206	0.19559

Device Test: 4.2 treg_Res10p5K_SENSE3/SENSE3/1.6/3/0/10.5K/0/@REG_TIME_10KOHM





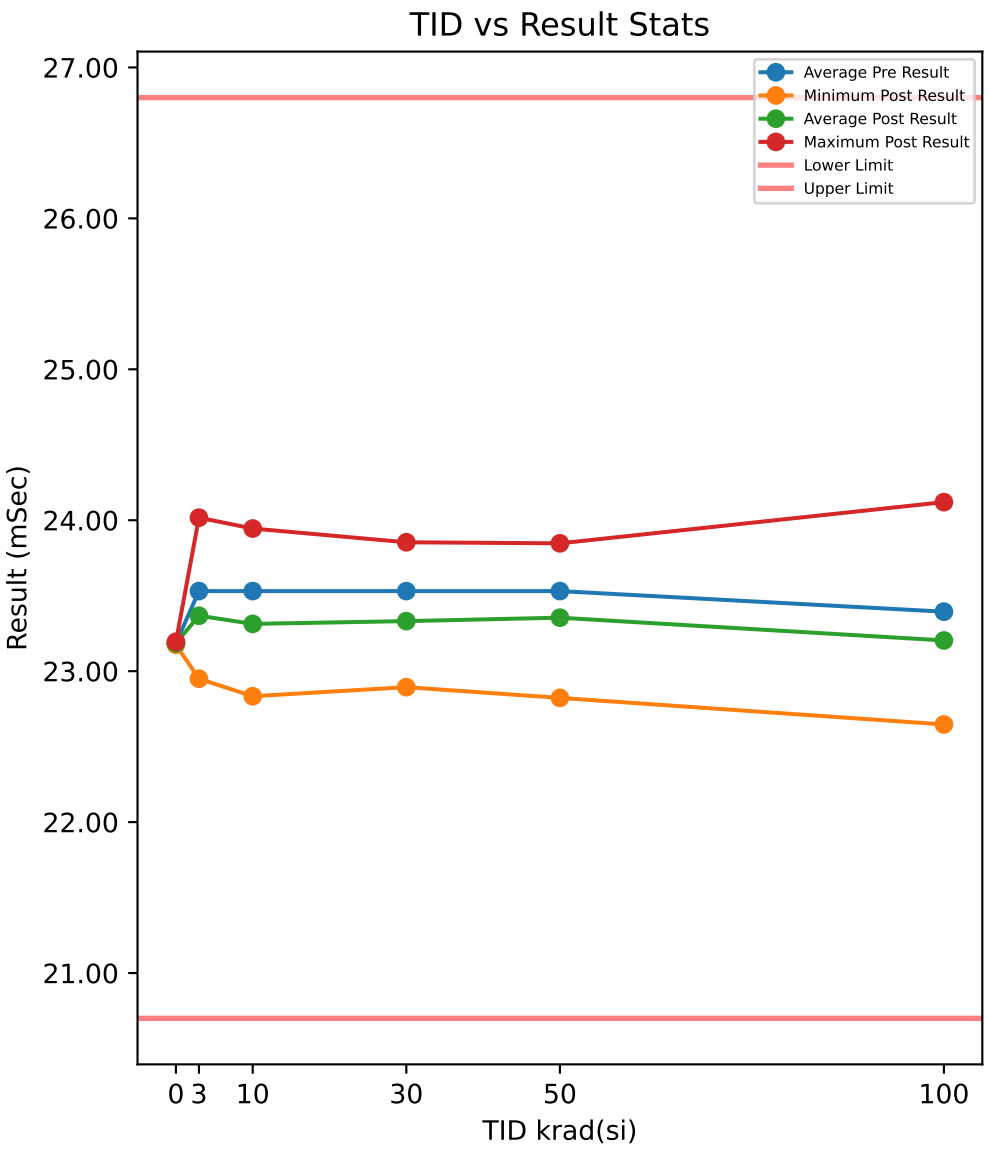
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

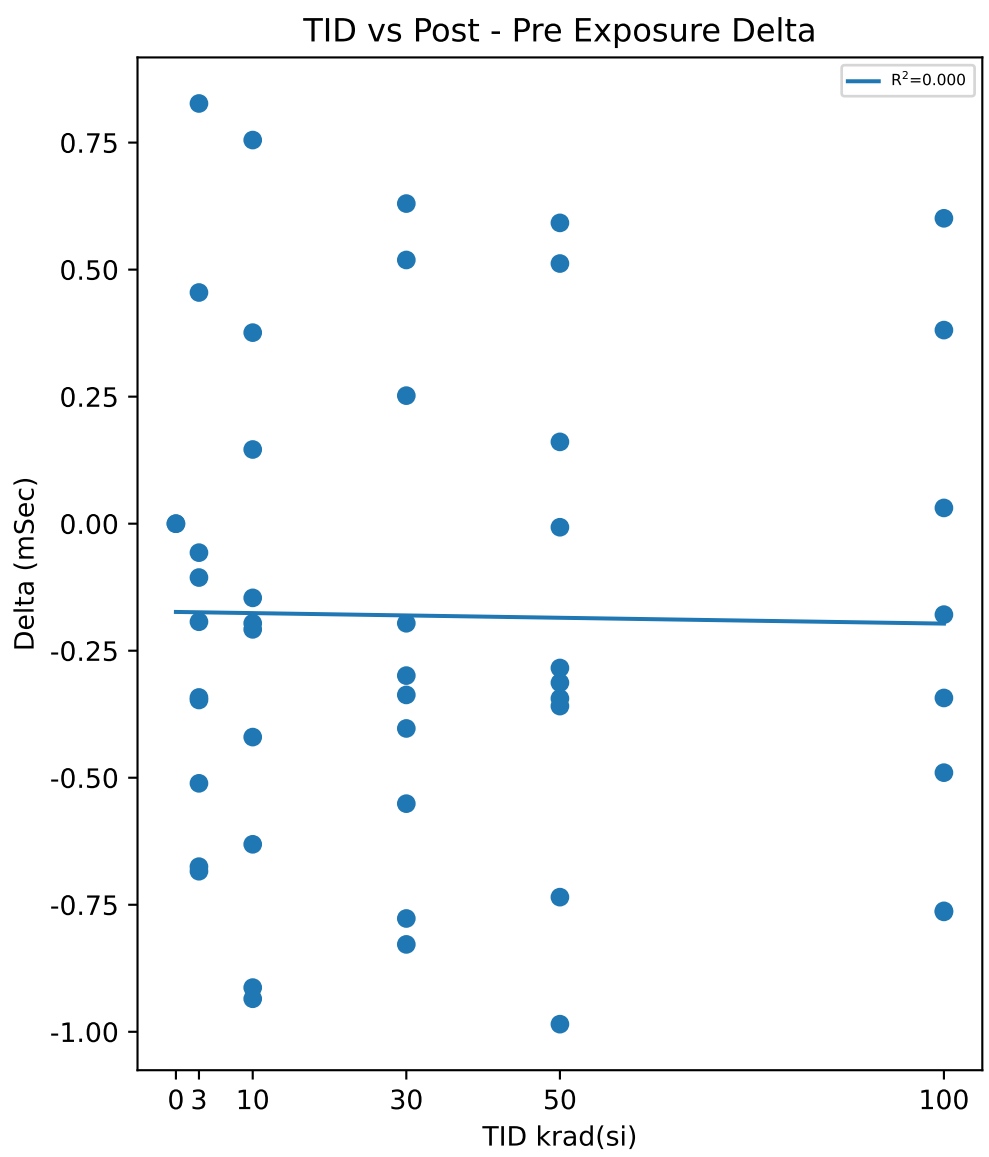
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.263	0.263	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.264	0.277	0.013
18	3	LDR-Biased	0.265	0.264	-0.001
19	3	LDR-Biased	0.257	0.266	0.009
20	3	LDR-Biased	0.263	0.264	0.001
21	3	LDR-Biased	0.266	0.266	0
22	3	LDR-Unbiased	0.267	0.262	-0.005
23	3	LDR-Unbiased	0.267	0.264	-0.003
25	3	LDR-Unbiased	0.264	0.258	-0.006
26	3	LDR-Unbiased	0.264	0.273	0.009
27	3	LDR-Unbiased	0.267	0.265	-0.002
46	10	LDR-Biased	0.264	0.275	0.011
48	10	LDR-Biased	0.265	0.263	-0.002
49	10	LDR-Biased	0.257	0.267	0.01
50	10	LDR-Biased	0.263	0.264	0.001
51	10	LDR-Biased	0.266	0.266	0
52	10	LDR-Unbiased	0.267	0.262	-0.005
53	10	LDR-Unbiased	0.267	0.264	-0.003
55	10	LDR-Unbiased	0.264	0.258	-0.006
56	10	LDR-Unbiased	0.264	0.274	0.01
57	10	LDR-Unbiased	0.267	0.264	-0.003
76	30	LDR-Biased	0.264	0.277	0.013
78	30	LDR-Biased	0.265	0.263	-0.002
79	30	LDR-Biased	0.257	0.265	0.008
80	30	LDR-Biased	0.263	0.264	0.001
81	30	LDR-Biased	0.266	0.265	-0.001
82	30	LDR-Unbiased	0.267	0.263	-0.004
83	30	LDR-Unbiased	0.267	0.263	-0.004
84	30	LDR-Unbiased	0.267	0.264	-0.003
85	30	LDR-Unbiased	0.264	0.259	-0.005
86	30	LDR-Unbiased	0.264	0.274	0.01
87	100	LDR-Biased	0.263	0.262	-0.001
88	100	LDR-Biased	0.264	0.264	0
90	100	LDR-Biased	0.264	0.263	-0.001
91	100	LDR-Unbiased	0.266	0.274	0.008
93	100	LDR-Unbiased	0.265	0.263	-0.002
94	100	LDR-Unbiased	0.264	0.264	0
95	100	LDR-Unbiased	0.262	0.258	-0.004
96	100	LDR-Unbiased	0.267	0.267	0
106	50	LDR-Biased	0.264	0.276	0.012
108	50	LDR-Biased	0.265	0.263	-0.002
109	50	LDR-Biased	0.257	0.266	0.009
110	50	LDR-Biased	0.263	0.265	0.002
111	50	LDR-Biased	0.266	0.265	-0.001
112	50	LDR-Unbiased	0.267	0.262	-0.005
113	50	LDR-Unbiased	0.267	0.263	-0.004
115	50	LDR-Unbiased	0.264	0.26	-0.004
116	50	LDR-Unbiased	0.264	0.274	0.01
117	50	LDR-Unbiased	0.267	0.265	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.2625	0.263	0.00070711	0.262	0.2625	0.263	0.00070711	0	0	0	0
3	0.257	0.2644	0.267	0.0029889	0.258	0.2659	0.277	0.0054047	-0.006	0.0015	0.013	0.0065362
10	0.257	0.2644	0.267	0.0029889	0.258	0.2657	0.275	0.0052292	-0.006	0.0013	0.011	0.0065668
30	0.257	0.2644	0.267	0.0029889	0.259	0.2657	0.277	0.0054782	-0.005	0.0013	0.013	0.0065668
50	0.257	0.2644	0.267	0.0029889	0.26	0.2659	0.276	0.0051305	-0.005	0.0015	0.012	0.0064334
100	0.262	0.26438	0.267	0.001598	0.258	0.26438	0.274	0.0046272	-0.004	0	0.008	0.0035051

Device Test: 4.20 treg_Res1p18M_SENSE1/SENSE1/1.6/14/0/1.18M/0/@REG_TIME_1MOHM





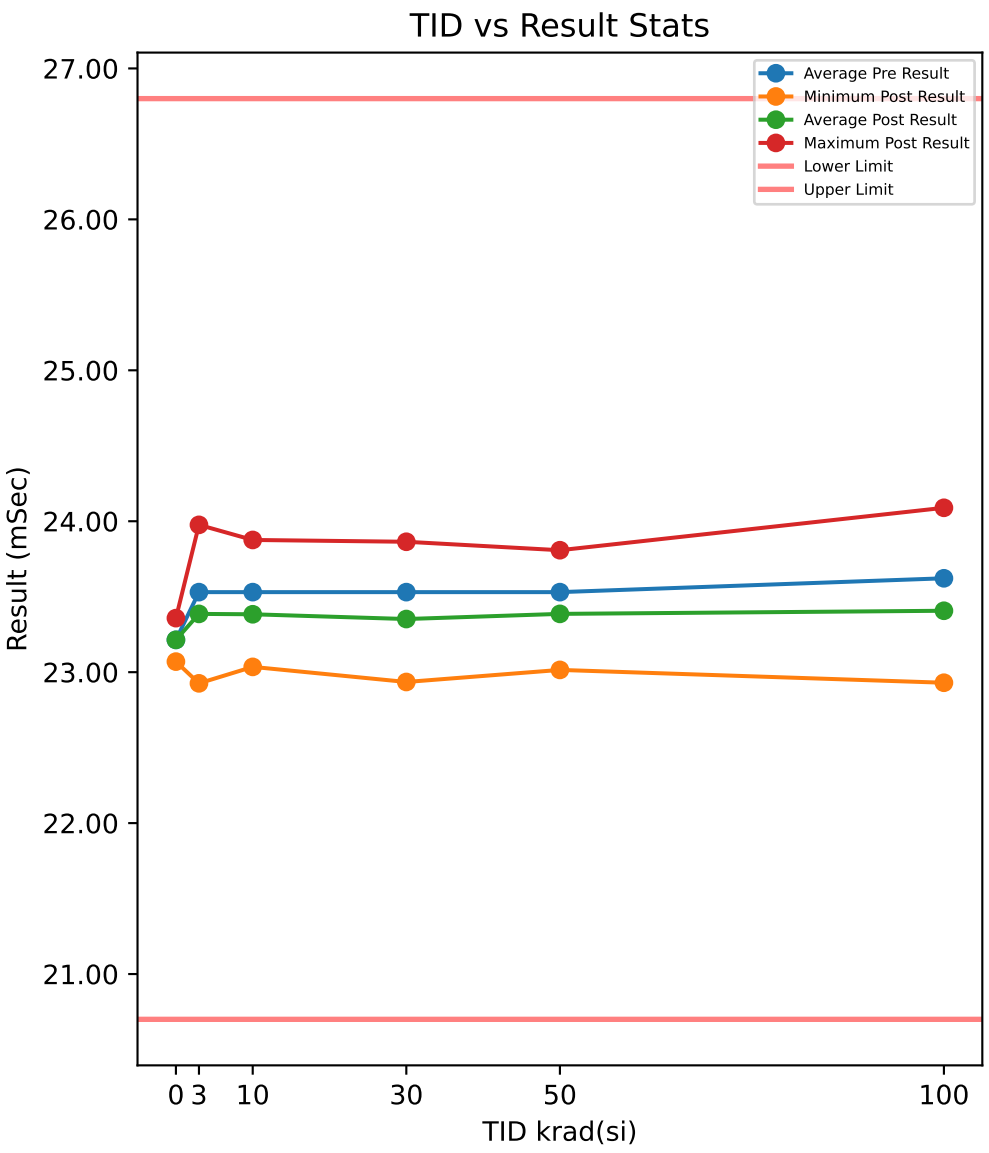
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

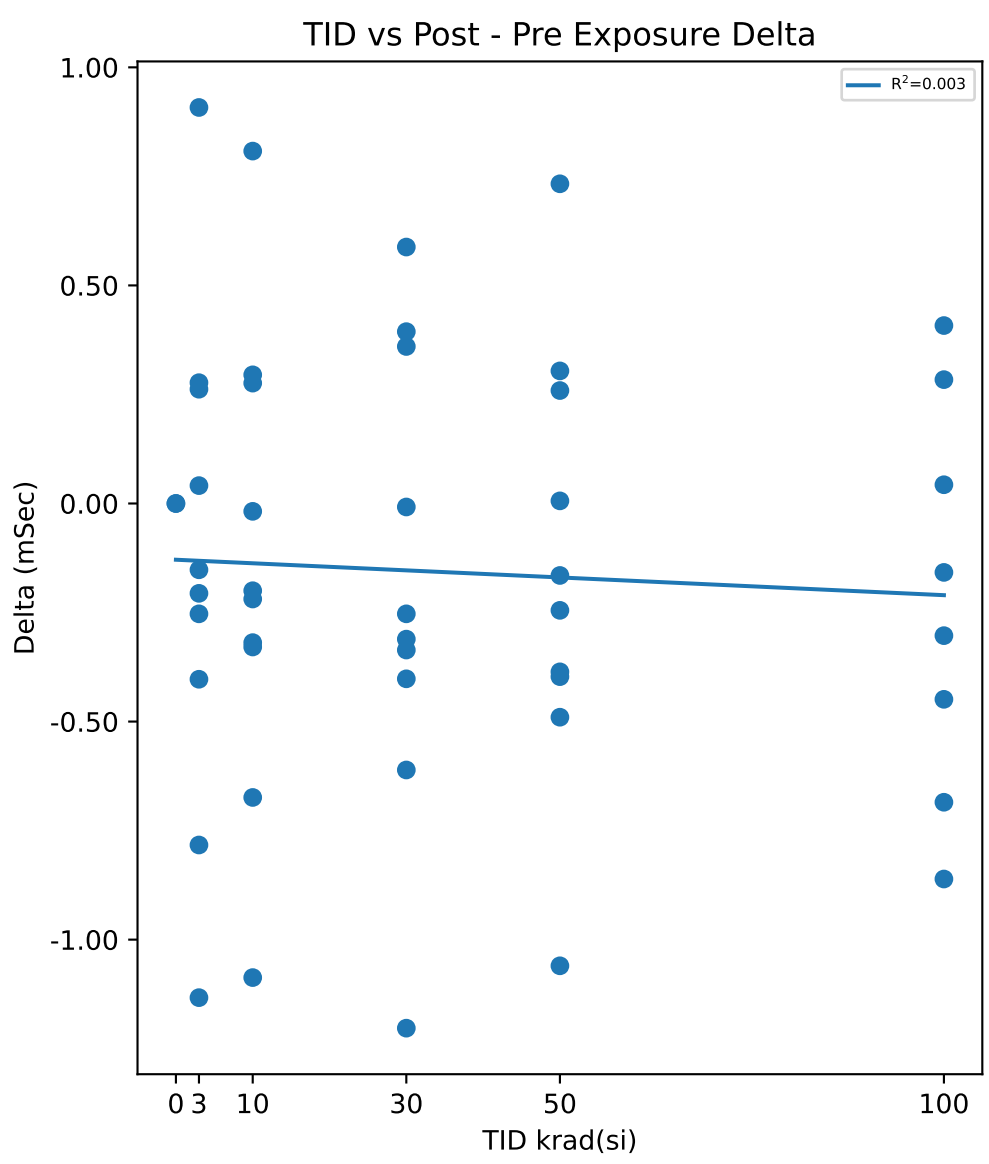
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.195	23.195	0
7	0	Correlation	23.175	23.175	0
16	3	LDR-Biased	23.335	23.79	0.455
18	3	LDR-Biased	23.538	23.432	-0.106
19	3	LDR-Biased	23.488	23.146	-0.342
20	3	LDR-Biased	23.297	22.95	-0.347
21	3	LDR-Biased	23.625	23.114	-0.511
22	3	LDR-Unbiased	23.831	23.638	-0.193
23	3	LDR-Unbiased	23.747	23.063	-0.684
25	3	LDR-Unbiased	23.447	23.39	-0.057
26	3	LDR-Unbiased	23.19	24.017	0.827
27	3	LDR-Unbiased	23.808	23.133	-0.675
46	10	LDR-Biased	23.335	23.711	0.376
48	10	LDR-Biased	23.538	23.392	-0.146
49	10	LDR-Biased	23.488	22.857	-0.631
50	10	LDR-Biased	23.297	22.877	-0.42
51	10	LDR-Biased	23.625	23.429	-0.196
52	10	LDR-Unbiased	23.831	23.623	-0.208
53	10	LDR-Unbiased	23.747	22.834	-0.913
55	10	LDR-Unbiased	23.447	23.593	0.146
56	10	LDR-Unbiased	23.19	23.945	0.755
57	10	LDR-Unbiased	23.808	22.873	-0.935
76	30	LDR-Biased	23.335	23.854	0.519
78	30	LDR-Biased	23.538	23.342	-0.196
79	30	LDR-Biased	23.488	23.151	-0.337
80	30	LDR-Biased	23.297	22.894	-0.403
81	30	LDR-Biased	23.625	23.326	-0.299
82	30	LDR-Unbiased	23.831	23.28	-0.551
83	30	LDR-Unbiased	23.747	22.919	-0.828
84	30	LDR-Unbiased	23.808	23.031	-0.777
85	30	LDR-Unbiased	23.447	23.699	0.252
86	30	LDR-Unbiased	23.19	23.82	0.63
87	100	LDR-Biased	23.42	23.451	0.031
88	100	LDR-Biased	23.33	22.84	-0.49
90	100	LDR-Biased	23.207	22.864	-0.343
91	100	LDR-Unbiased	23.519	24.12	0.601
93	100	LDR-Unbiased	23.409	22.647	-0.762
94	100	LDR-Unbiased	23.333	23.154	-0.179
95	100	LDR-Unbiased	23.12	23.501	0.381
96	100	LDR-Unbiased	23.816	23.052	-0.764
106	50	LDR-Biased	23.335	23.847	0.512
108	50	LDR-Biased	23.538	23.531	-0.007
109	50	LDR-Biased	23.488	23.175	-0.313
110	50	LDR-Biased	23.297	22.953	-0.344
111	50	LDR-Biased	23.625	23.341	-0.284
112	50	LDR-Unbiased	23.831	23.472	-0.359
113	50	LDR-Unbiased	23.747	23.012	-0.735
115	50	LDR-Unbiased	23.447	23.608	0.161
116	50	LDR-Unbiased	23.19	23.782	0.592
117	50	LDR-Unbiased	23.808	22.823	-0.985

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.175	23.185	23.195	0.014142	23.175	23.185	23.195	0.014142	0	0	0	0
3	23.19	23.531	23.831	0.22127	22.95	23.367	24.017	0.35175	-0.684	-0.1633	0.827	0.48282
10	23.19	23.531	23.831	0.22127	22.834	23.313	23.945	0.41808	-0.935	-0.2172	0.755	0.54225
30	23.19	23.531	23.831	0.22127	22.894	23.332	23.854	0.35495	-0.828	-0.199	0.63	0.50886
50	23.19	23.531	23.831	0.22127	22.823	23.354	23.847	0.35401	-0.985	-0.1762	0.592	0.5016
100	23.12	23.394	23.816	0.21128	22.647	23.204	24.12	0.47392	-0.764	-0.19062	0.601	0.50296

Device Test: 4.21 treg_Res1p18M_SENSE2/SENSE2/1.6/14/0/1.18M/0/@REG_TIME_1MOHM





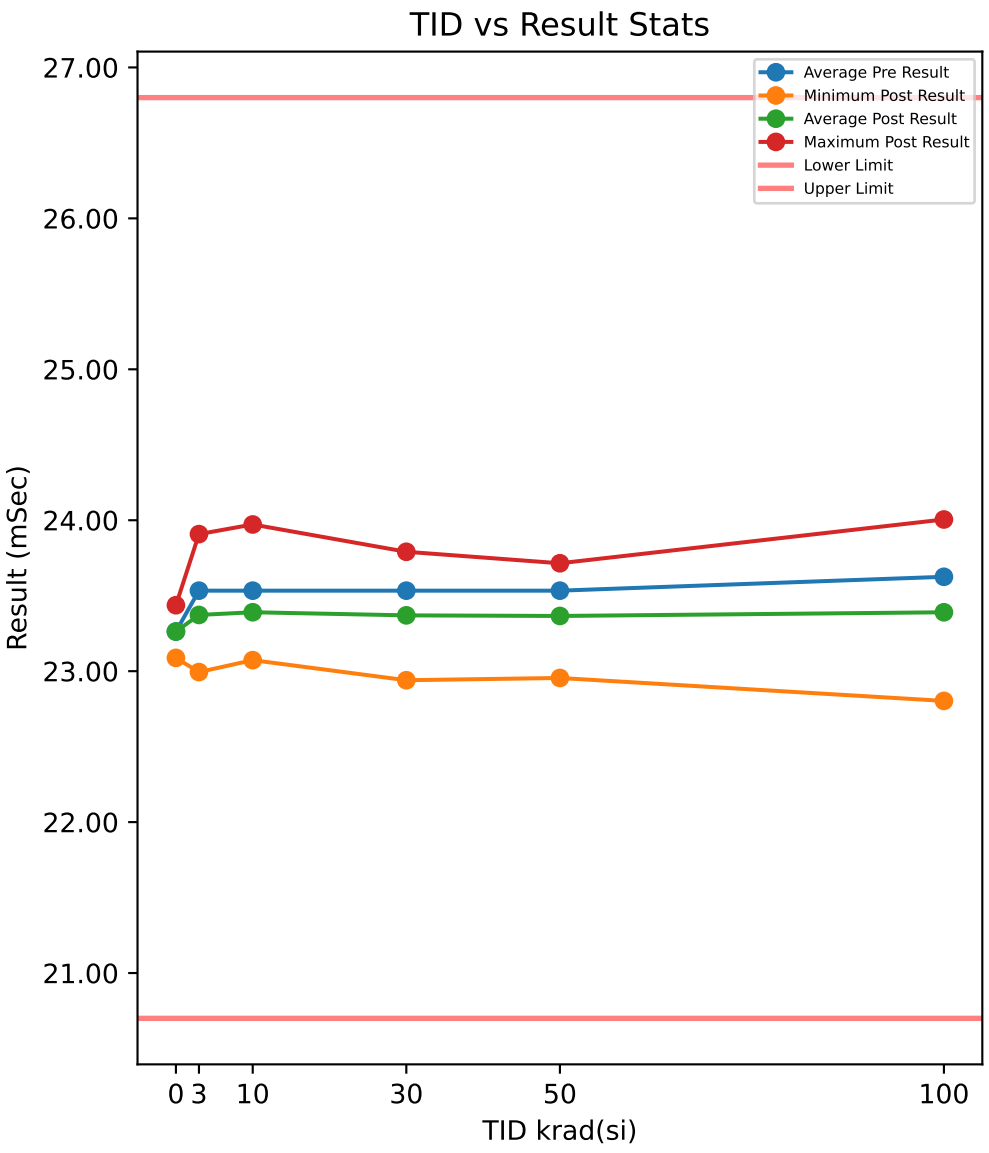
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

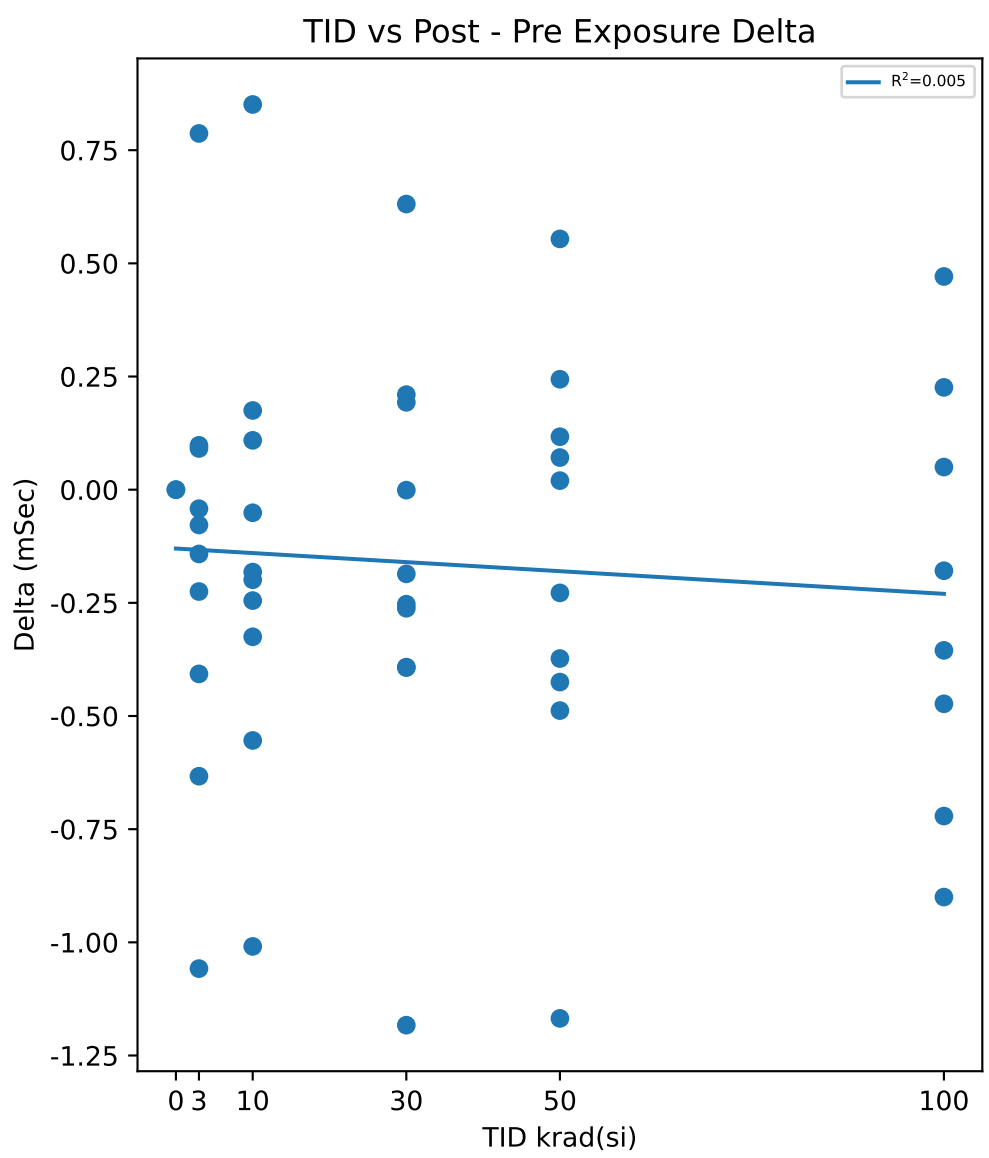
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.07	23.07	0
7	0	Correlation	23.358	23.358	0
16	3	LDR-Biased	23.504	23.781	0.277
18	3	LDR-Biased	23.396	23.437	0.041
19	3	LDR-Biased	23.401	22.998	-0.403
20	3	LDR-Biased	23.312	23.16	-0.152
21	3	LDR-Biased	23.615	23.362	-0.253
22	3	LDR-Unbiased	23.847	23.641	-0.206
23	3	LDR-Unbiased	23.709	22.926	-0.783
25	3	LDR-Unbiased	23.313	23.575	0.262
26	3	LDR-Unbiased	23.068	23.976	0.908
27	3	LDR-Unbiased	24.138	23.005	-1.133
46	10	LDR-Biased	23.504	23.78	0.276
48	10	LDR-Biased	23.396	23.378	-0.018
49	10	LDR-Biased	23.401	23.072	-0.329
50	10	LDR-Biased	23.312	23.112	-0.2
51	10	LDR-Biased	23.615	23.296	-0.319
52	10	LDR-Unbiased	23.847	23.628	-0.219
53	10	LDR-Unbiased	23.709	23.035	-0.674
55	10	LDR-Unbiased	23.313	23.608	0.295
56	10	LDR-Unbiased	23.068	23.876	0.808
57	10	LDR-Unbiased	24.138	23.051	-1.087
76	30	LDR-Biased	23.504	23.864	0.36
78	30	LDR-Biased	23.396	23.388	-0.008
79	30	LDR-Biased	23.401	23.065	-0.336
80	30	LDR-Biased	23.312	23.059	-0.253
81	30	LDR-Biased	23.615	23.304	-0.311
82	30	LDR-Unbiased	23.847	23.445	-0.402
83	30	LDR-Unbiased	23.709	23.098	-0.611
84	30	LDR-Unbiased	24.138	22.935	-1.203
85	30	LDR-Unbiased	23.313	23.707	0.394
86	30	LDR-Unbiased	23.068	23.656	0.588
87	100	LDR-Biased	23.768	23.811	0.043
88	100	LDR-Biased	23.509	23.06	-0.449
90	100	LDR-Biased	23.373	23.07	-0.303
91	100	LDR-Unbiased	23.681	24.089	0.408
93	100	LDR-Unbiased	23.615	22.93	-0.685
94	100	LDR-Unbiased	23.514	23.356	-0.158
95	100	LDR-Unbiased	23.385	23.669	0.284
96	100	LDR-Unbiased	24.131	23.27	-0.861
106	50	LDR-Biased	23.504	23.808	0.304
108	50	LDR-Biased	23.396	23.402	0.006
109	50	LDR-Biased	23.401	23.015	-0.386
110	50	LDR-Biased	23.312	23.147	-0.165
111	50	LDR-Biased	23.615	23.37	-0.245
112	50	LDR-Unbiased	23.847	23.45	-0.397
113	50	LDR-Unbiased	23.709	23.219	-0.49
115	50	LDR-Unbiased	23.313	23.572	0.259
116	50	LDR-Unbiased	23.068	23.801	0.733
117	50	LDR-Unbiased	24.138	23.078	-1.06

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.07	23.214	23.358	0.20365	23.07	23.214	23.358	0.20365	0	0	0	0
3	23.068	23.53	24.138	0.30781	22.926	23.386	23.976	0.36	-1.133	-0.1442	0.908	0.57274
10	23.068	23.53	24.138	0.30781	23.035	23.384	23.876	0.31979	-1.087	-0.1467	0.808	0.53072
30	23.068	23.53	24.138	0.30781	22.935	23.352	23.864	0.31613	-1.203	-0.1782	0.588	0.53425
50	23.068	23.53	24.138	0.30781	23.015	23.386	23.808	0.28028	-1.06	-0.1441	0.733	0.49964
100	23.373	23.622	24.131	0.24685	22.93	23.407	24.089	0.41055	-0.861	-0.21513	0.408	0.44844

Device Test: 4.22 treg_Res1p18M_SENSE3/SENSE3/1.6/14/0/1.18M/0/@REG_TIME_1MOHM





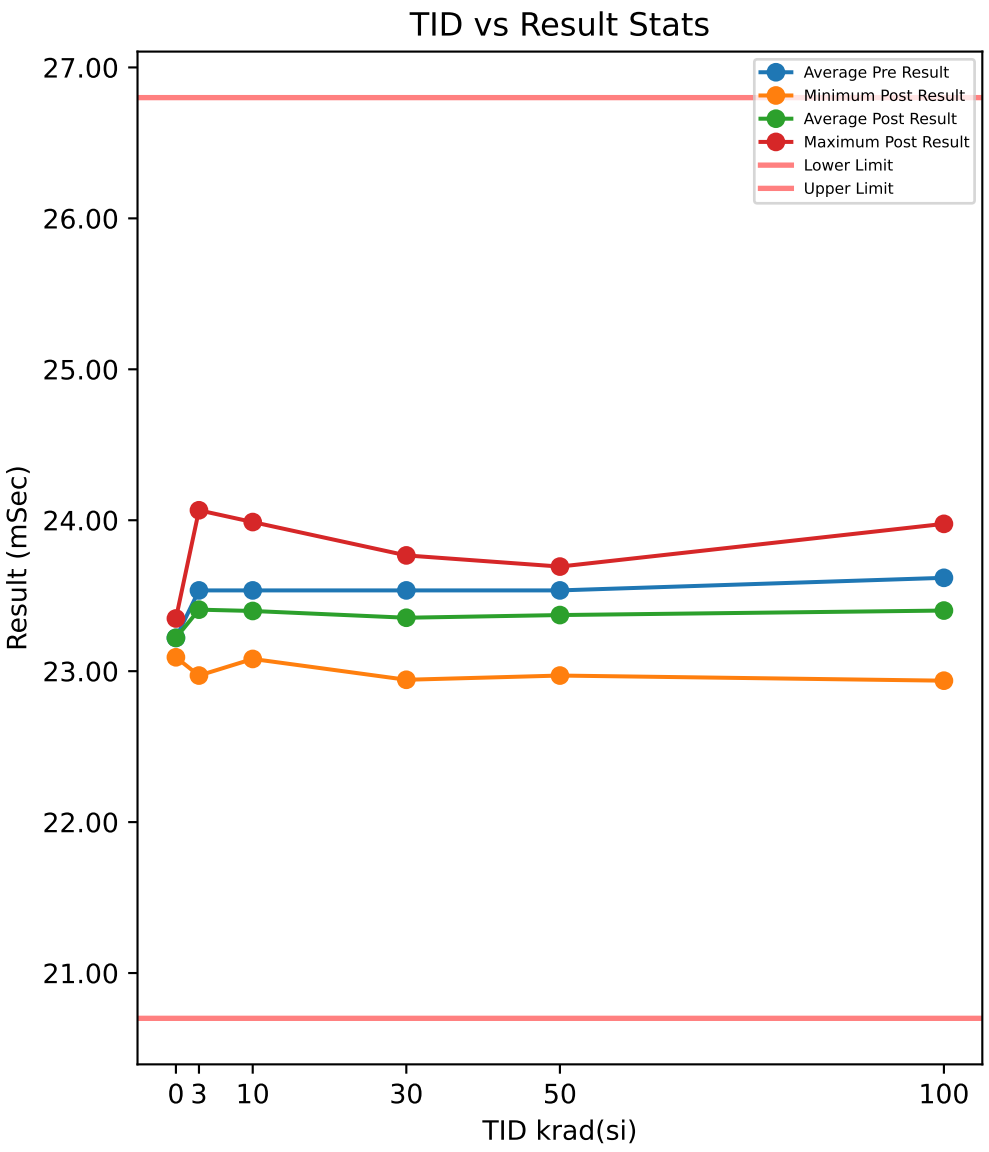
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.088	23.088	0
7	0	Correlation	23.437	23.437	0
16	3	LDR-Biased	23.598	23.696	0.098
18	3	LDR-Biased	23.483	23.341	-0.142
19	3	LDR-Biased	23.48	23.073	-0.407
20	3	LDR-Biased	23.202	23.16	-0.042
21	3	LDR-Biased	23.521	23.443	-0.078
22	3	LDR-Unbiased	23.777	23.552	-0.225
23	3	LDR-Unbiased	23.627	22.994	-0.633
25	3	LDR-Unbiased	23.402	23.493	0.091
26	3	LDR-Unbiased	23.121	23.908	0.787
27	3	LDR-Unbiased	24.123	23.065	-1.058
46	10	LDR-Biased	23.598	23.773	0.175
48	10	LDR-Biased	23.483	23.284	-0.199
49	10	LDR-Biased	23.48	23.155	-0.325
50	10	LDR-Biased	23.202	23.151	-0.051
51	10	LDR-Biased	23.521	23.339	-0.182
52	10	LDR-Unbiased	23.777	23.532	-0.245
53	10	LDR-Unbiased	23.627	23.073	-0.554
55	10	LDR-Unbiased	23.402	23.511	0.109
56	10	LDR-Unbiased	23.121	23.972	0.851
57	10	LDR-Unbiased	24.123	23.114	-1.009
76	30	LDR-Biased	23.598	23.791	0.193
78	30	LDR-Biased	23.483	23.297	-0.186
79	30	LDR-Biased	23.48	23.088	-0.392
80	30	LDR-Biased	23.202	23.201	-0.001
81	30	LDR-Biased	23.521	23.259	-0.262
82	30	LDR-Unbiased	23.777	23.524	-0.253
83	30	LDR-Unbiased	23.627	23.234	-0.393
84	30	LDR-Unbiased	24.123	22.94	-1.183
85	30	LDR-Unbiased	23.402	23.612	0.21
86	30	LDR-Unbiased	23.121	23.752	0.631
87	100	LDR-Biased	23.674	23.724	0.05
88	100	LDR-Biased	23.6	23.127	-0.473
90	100	LDR-Biased	23.488	23.133	-0.355
91	100	LDR-Unbiased	23.779	24.005	0.226
93	100	LDR-Unbiased	23.524	22.803	-0.721
94	100	LDR-Unbiased	23.597	23.418	-0.179
95	100	LDR-Unbiased	23.281	23.752	0.471
96	100	LDR-Unbiased	24.059	23.159	-0.9
106	50	LDR-Biased	23.598	23.715	0.117
108	50	LDR-Biased	23.483	23.503	0.02
109	50	LDR-Biased	23.48	23.107	-0.373
110	50	LDR-Biased	23.202	23.273	0.071
111	50	LDR-Biased	23.521	23.293	-0.228
112	50	LDR-Unbiased	23.777	23.352	-0.425
113	50	LDR-Unbiased	23.627	23.139	-0.488
115	50	LDR-Unbiased	23.402	23.646	0.244
116	50	LDR-Unbiased	23.121	23.675	0.554
117	50	LDR-Unbiased	24.123	22.955	-1.168

Test Statistics (mSec)

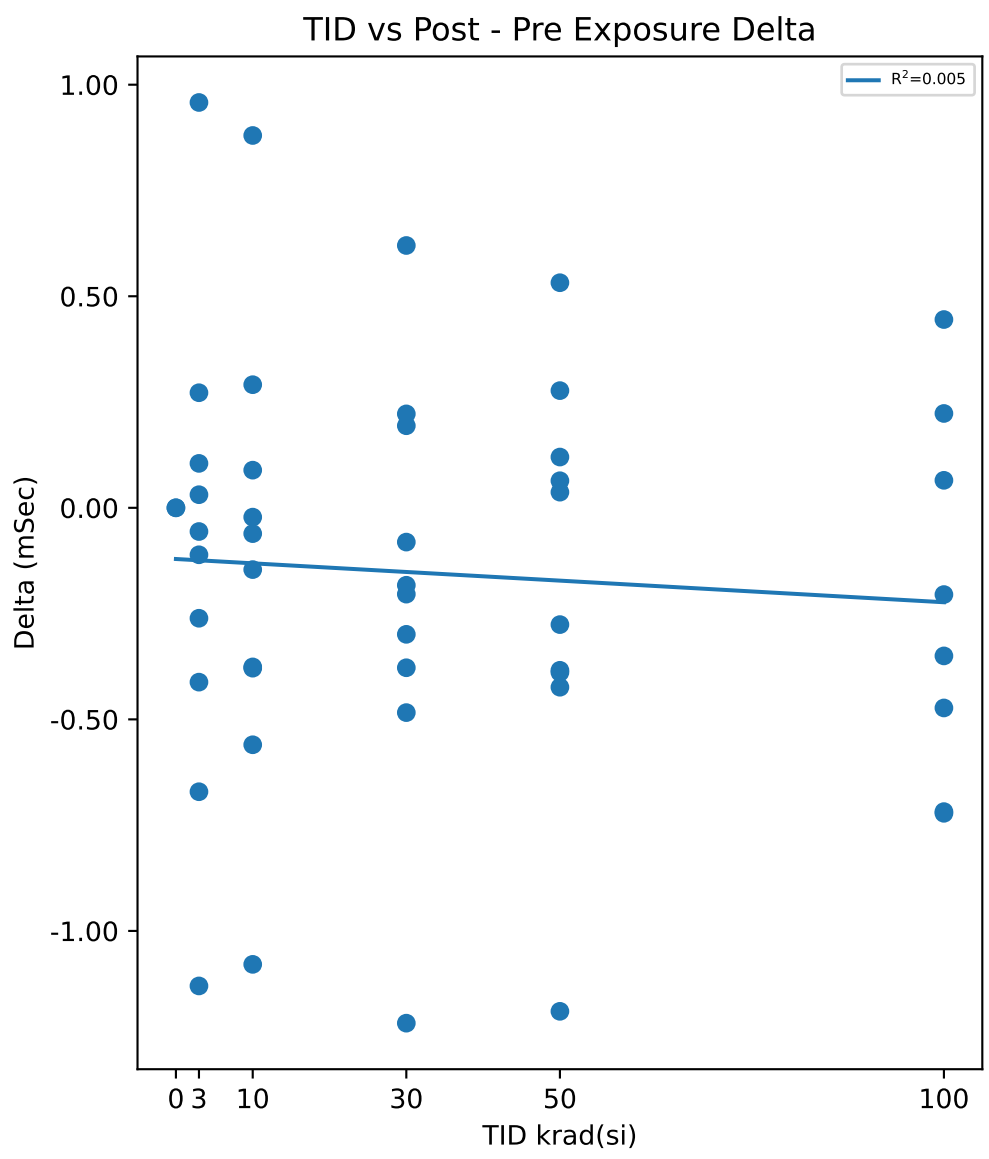
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.088	23.263	23.437	0.24678	23.088	23.263	23.437	0.24678	0	0	0	0
3	23.121	23.533	24.123	0.28336	22.994	23.372	23.908	0.30125	-1.058	-0.1609	0.787	0.48793
10	23.121	23.533	24.123	0.28336	23.073	23.39	23.972	0.30241	-1.009	-0.143	0.851	0.48628
30	23.121	23.533	24.123	0.28336	22.94	23.37	23.791	0.28569	-1.183	-0.1636	0.631	0.48152
50	23.121	23.533	24.123	0.28336	22.955	23.366	23.715	0.26165	-1.168	-0.1676	0.554	0.4806
100	23.281	23.625	24.059	0.22778	22.803	23.39	24.005	0.40616	-0.9	-0.23513	0.471	0.46977

Device Test: 4.23 treg_Res1p18M_SENSE4/SENSE4/1.6/14/0/1.18M/0/@REG_TIME_1MOHM



Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

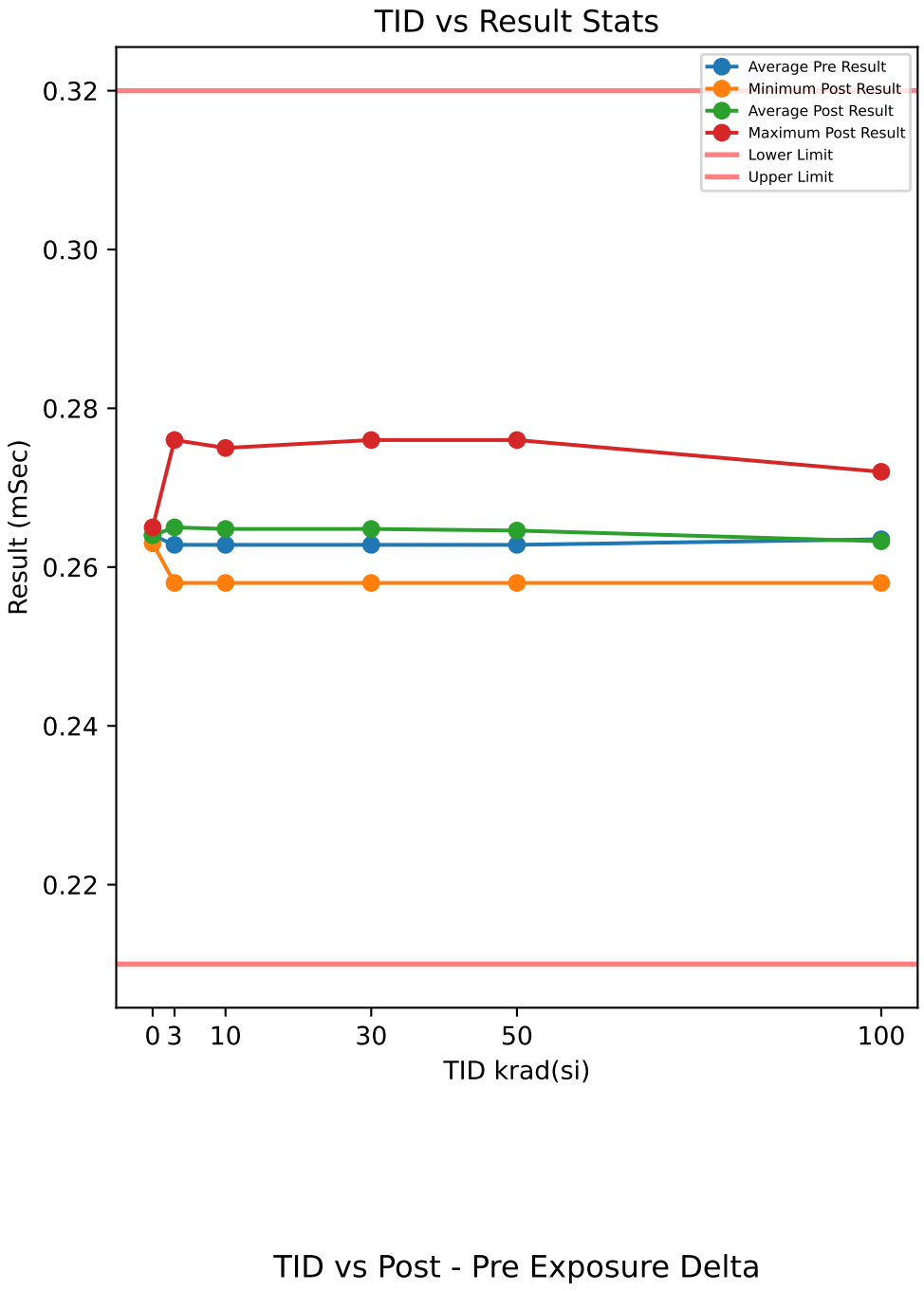
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.092	23.092	0
7	0	Correlation	23.349	23.349	0
16	3	LDR-Biased	23.573	23.678	0.105
18	3	LDR-Biased	23.431	23.32	-0.111
19	3	LDR-Biased	23.46	23.048	-0.412
20	3	LDR-Biased	23.177	23.208	0.031
21	3	LDR-Biased	23.682	23.421	-0.261
22	3	LDR-Unbiased	23.752	23.696	-0.056
23	3	LDR-Unbiased	23.642	22.971	-0.671
25	3	LDR-Unbiased	23.365	23.637	0.272
26	3	LDR-Unbiased	23.108	24.066	0.958
27	3	LDR-Unbiased	24.161	23.031	-1.13
46	10	LDR-Biased	23.573	23.662	0.089
48	10	LDR-Biased	23.431	23.285	-0.146
49	10	LDR-Biased	23.46	23.081	-0.379
50	10	LDR-Biased	23.177	23.155	-0.022
51	10	LDR-Biased	23.682	23.306	-0.376
52	10	LDR-Unbiased	23.752	23.691	-0.061
53	10	LDR-Unbiased	23.642	23.082	-0.56
55	10	LDR-Unbiased	23.365	23.656	0.291
56	10	LDR-Unbiased	23.108	23.988	0.88
57	10	LDR-Unbiased	24.161	23.082	-1.079
76	30	LDR-Biased	23.573	23.767	0.194
78	30	LDR-Biased	23.431	23.248	-0.183
79	30	LDR-Biased	23.46	23.082	-0.378
80	30	LDR-Biased	23.177	23.096	-0.081
81	30	LDR-Biased	23.682	23.383	-0.299
82	30	LDR-Unbiased	23.752	23.548	-0.204
83	30	LDR-Unbiased	23.642	23.158	-0.484
84	30	LDR-Unbiased	24.161	22.943	-1.218
85	30	LDR-Unbiased	23.365	23.587	0.222
86	30	LDR-Unbiased	23.108	23.728	0.62
87	100	LDR-Biased	23.631	23.696	0.065
88	100	LDR-Biased	23.573	23.1	-0.473
90	100	LDR-Biased	23.46	23.11	-0.35
91	100	LDR-Unbiased	23.753	23.976	0.223
93	100	LDR-Unbiased	23.659	22.937	-0.722
94	100	LDR-Unbiased	23.575	23.37	-0.205
95	100	LDR-Unbiased	23.263	23.708	0.445
96	100	LDR-Unbiased	24.034	23.316	-0.718
106	50	LDR-Biased	23.573	23.693	0.12
108	50	LDR-Biased	23.431	23.495	0.064
109	50	LDR-Biased	23.46	23.036	-0.424
110	50	LDR-Biased	23.177	23.214	0.037
111	50	LDR-Biased	23.682	23.406	-0.276
112	50	LDR-Unbiased	23.752	23.368	-0.384
113	50	LDR-Unbiased	23.642	23.253	-0.389
115	50	LDR-Unbiased	23.365	23.642	0.277
116	50	LDR-Unbiased	23.108	23.64	0.532
117	50	LDR-Unbiased	24.161	22.971	-1.19

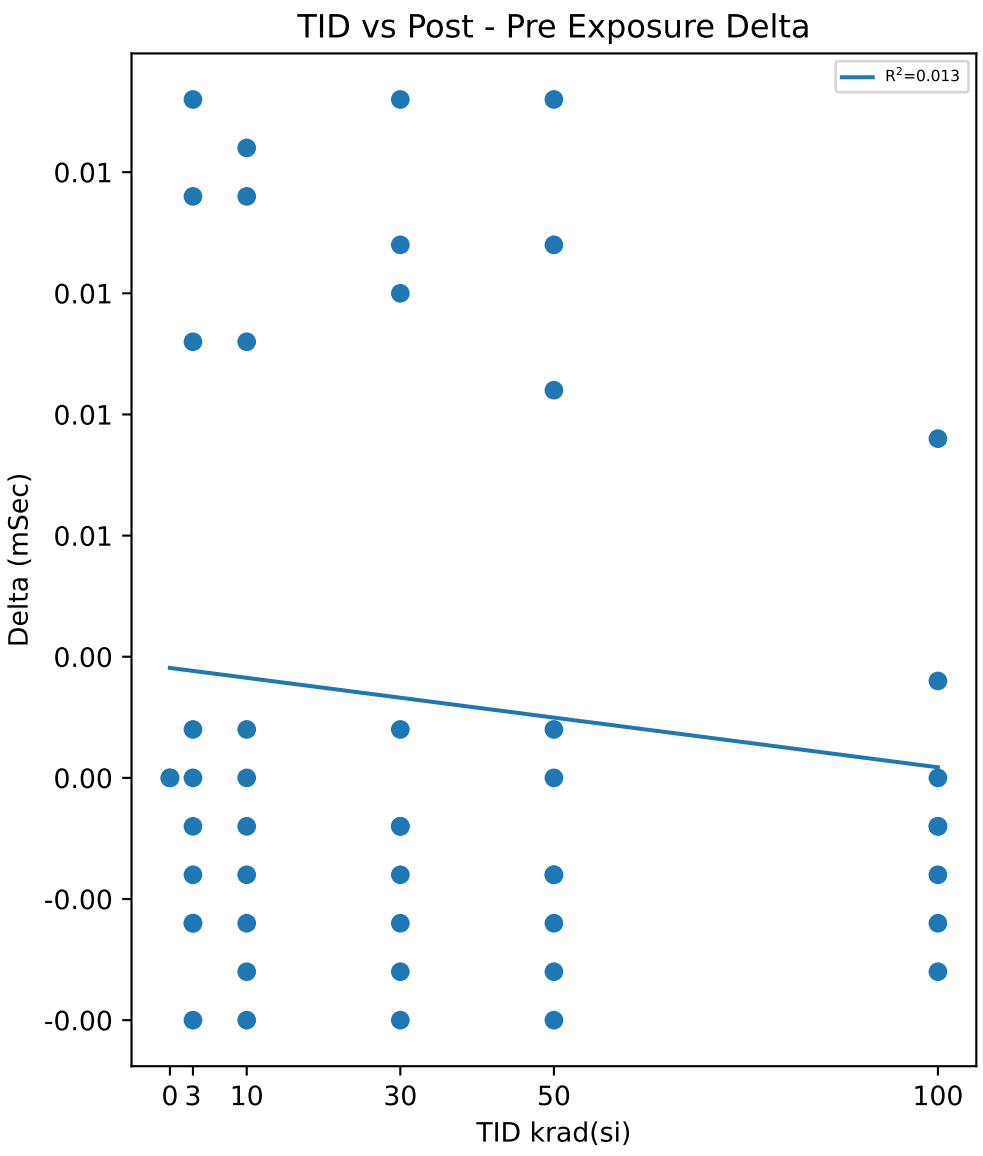


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.092	23.221	23.349	0.18173	23.092	23.221	23.349	0.18173	0	0	0	0
3	23.108	23.535	24.161	0.30355	22.971	23.408	24.066	0.35775	-1.13	-0.1275	0.958	0.55992
10	23.108	23.535	24.161	0.30355	23.081	23.399	23.988	0.32501	-1.079	-0.1363	0.88	0.52383
30	23.108	23.535	24.161	0.30355	22.943	23.354	23.767	0.29104	-1.218	-0.1811	0.62	0.4916
50	23.108	23.535	24.161	0.30355	22.971	23.372	23.693	0.25318	-1.19	-0.1633	0.532	0.48118
100	23.263	23.619	24.034	0.22296	22.937	23.402	23.976	0.36069	-0.722	-0.21687	0.445	0.43107

Device Test: 4.24 treg_Res10p5K_SENSE1/SENSE1/7/3/0/10.5K/0/@REG_TIME_10KOHM





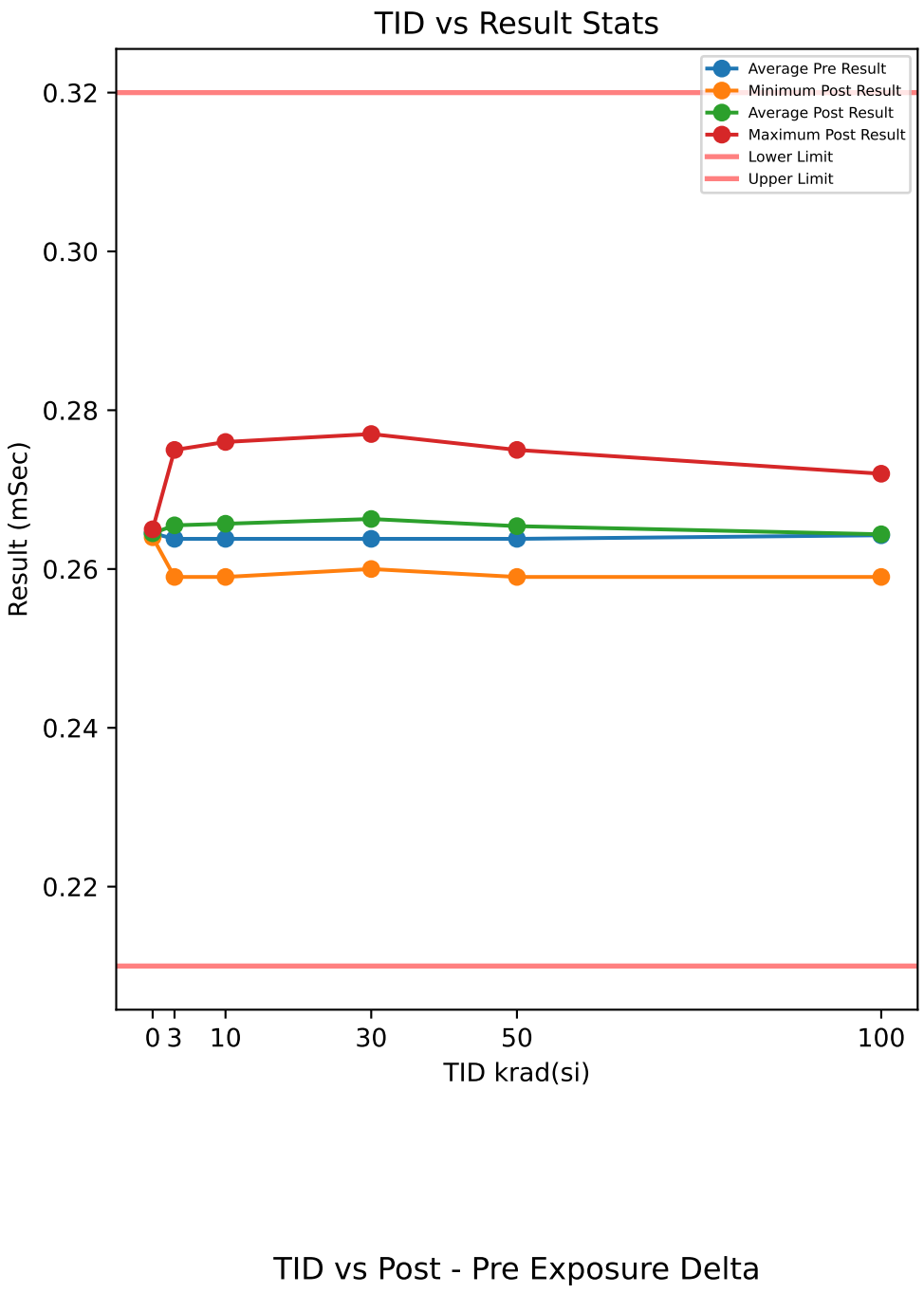
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

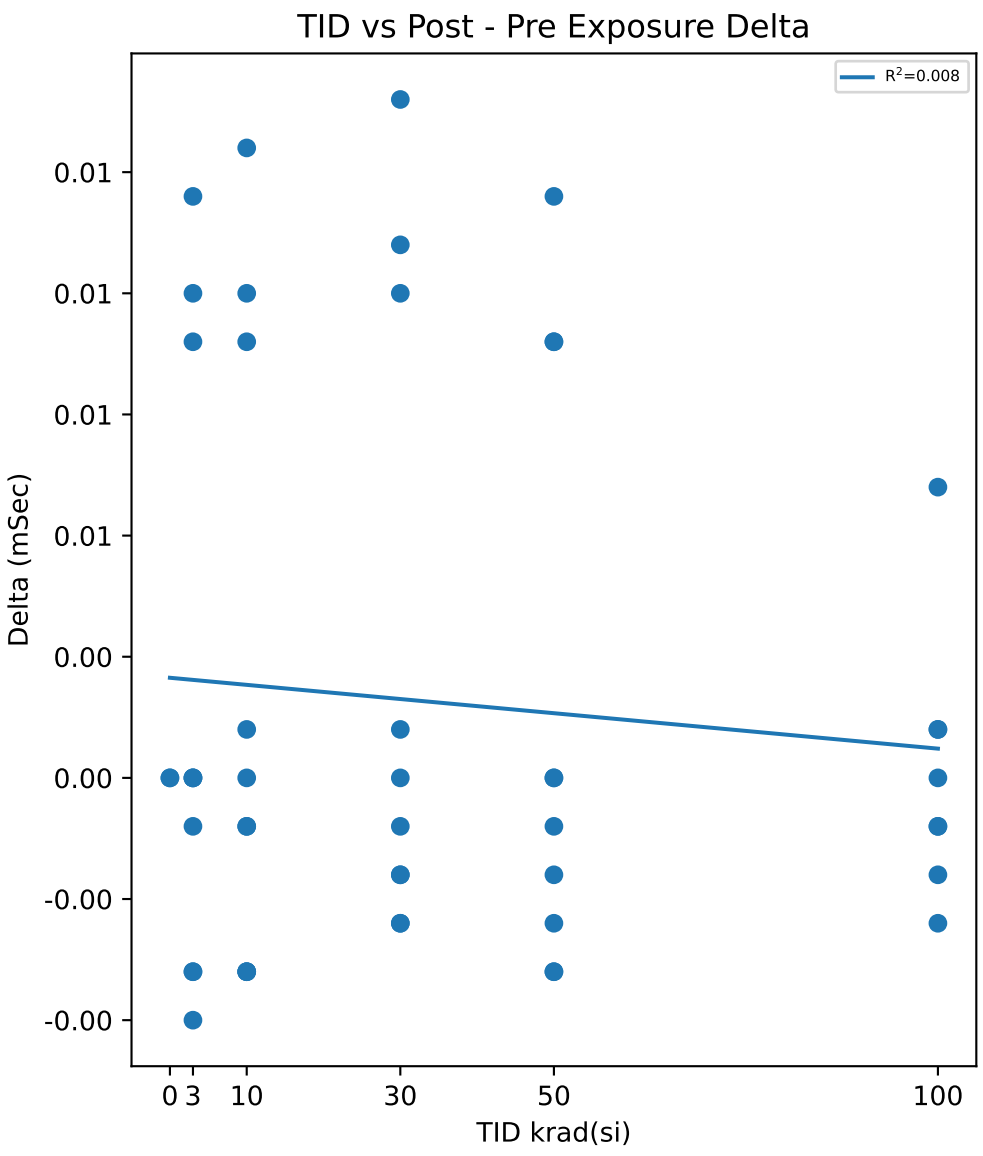
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.263	0.263	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.262	0.276	0.014
18	3	LDR-Biased	0.264	0.262	-0.002
19	3	LDR-Biased	0.256	0.265	0.009
20	3	LDR-Biased	0.262	0.262	0
21	3	LDR-Biased	0.265	0.264	-0.001
22	3	LDR-Unbiased	0.266	0.261	-0.005
23	3	LDR-Unbiased	0.266	0.263	-0.003
25	3	LDR-Unbiased	0.261	0.258	-0.003
26	3	LDR-Unbiased	0.262	0.274	0.012
27	3	LDR-Unbiased	0.264	0.265	0.001
46	10	LDR-Biased	0.262	0.275	0.013
48	10	LDR-Biased	0.264	0.262	-0.002
49	10	LDR-Biased	0.256	0.265	0.009
50	10	LDR-Biased	0.262	0.263	0.001
51	10	LDR-Biased	0.265	0.264	-0.001
52	10	LDR-Unbiased	0.266	0.261	-0.005
53	10	LDR-Unbiased	0.266	0.262	-0.004
55	10	LDR-Unbiased	0.261	0.258	-0.003
56	10	LDR-Unbiased	0.262	0.274	0.012
57	10	LDR-Unbiased	0.264	0.264	0
76	30	LDR-Biased	0.262	0.276	0.014
78	30	LDR-Biased	0.264	0.263	-0.001
79	30	LDR-Biased	0.256	0.266	0.01
80	30	LDR-Biased	0.262	0.263	0.001
81	30	LDR-Biased	0.265	0.263	-0.002
82	30	LDR-Unbiased	0.266	0.262	-0.004
83	30	LDR-Unbiased	0.266	0.261	-0.005
84	30	LDR-Unbiased	0.264	0.263	-0.001
85	30	LDR-Unbiased	0.261	0.258	-0.003
86	30	LDR-Unbiased	0.262	0.273	0.011
87	100	LDR-Biased	0.263	0.262	-0.001
88	100	LDR-Biased	0.262	0.261	-0.001
90	100	LDR-Biased	0.265	0.262	-0.003
91	100	LDR-Unbiased	0.265	0.272	0.007
93	100	LDR-Unbiased	0.264	0.262	-0.002
94	100	LDR-Unbiased	0.262	0.262	0
95	100	LDR-Unbiased	0.262	0.258	-0.004
96	100	LDR-Unbiased	0.265	0.267	0.002
106	50	LDR-Biased	0.262	0.276	0.014
108	50	LDR-Biased	0.264	0.262	-0.002
109	50	LDR-Biased	0.256	0.264	0.008
110	50	LDR-Biased	0.262	0.263	0.001
111	50	LDR-Biased	0.265	0.263	-0.002
112	50	LDR-Unbiased	0.266	0.261	-0.005
113	50	LDR-Unbiased	0.266	0.262	-0.004
115	50	LDR-Unbiased	0.261	0.258	-0.003
116	50	LDR-Unbiased	0.262	0.273	0.011
117	50	LDR-Unbiased	0.264	0.264	0

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.264	0.265	0.0014142	0.263	0.264	0.265	0.0014142	0	0	0	0
3	0.256	0.2628	0.266	0.002974	0.258	0.265	0.276	0.0056765	-0.005	0.0022	0.014	0.0068443
10	0.256	0.2628	0.266	0.002974	0.258	0.2648	0.275	0.0054732	-0.005	0.002	0.013	0.0067495
30	0.256	0.2628	0.266	0.002974	0.258	0.2648	0.276	0.0055337	-0.005	0.002	0.014	0.0069442
50	0.256	0.2628	0.266	0.002974	0.258	0.2646	0.276	0.0055418	-0.005	0.0018	0.014	0.0067297
100	0.262	0.2635	0.265	0.0014142	0.258	0.26325	0.272	0.0043012	-0.004	-0.00025	0.007	0.0034538

Device Test: 4.25 treg_Res10p5K_SENSE2/SENSE2/7/3/0/10.5K/0/@REG_TIME_10KOHM





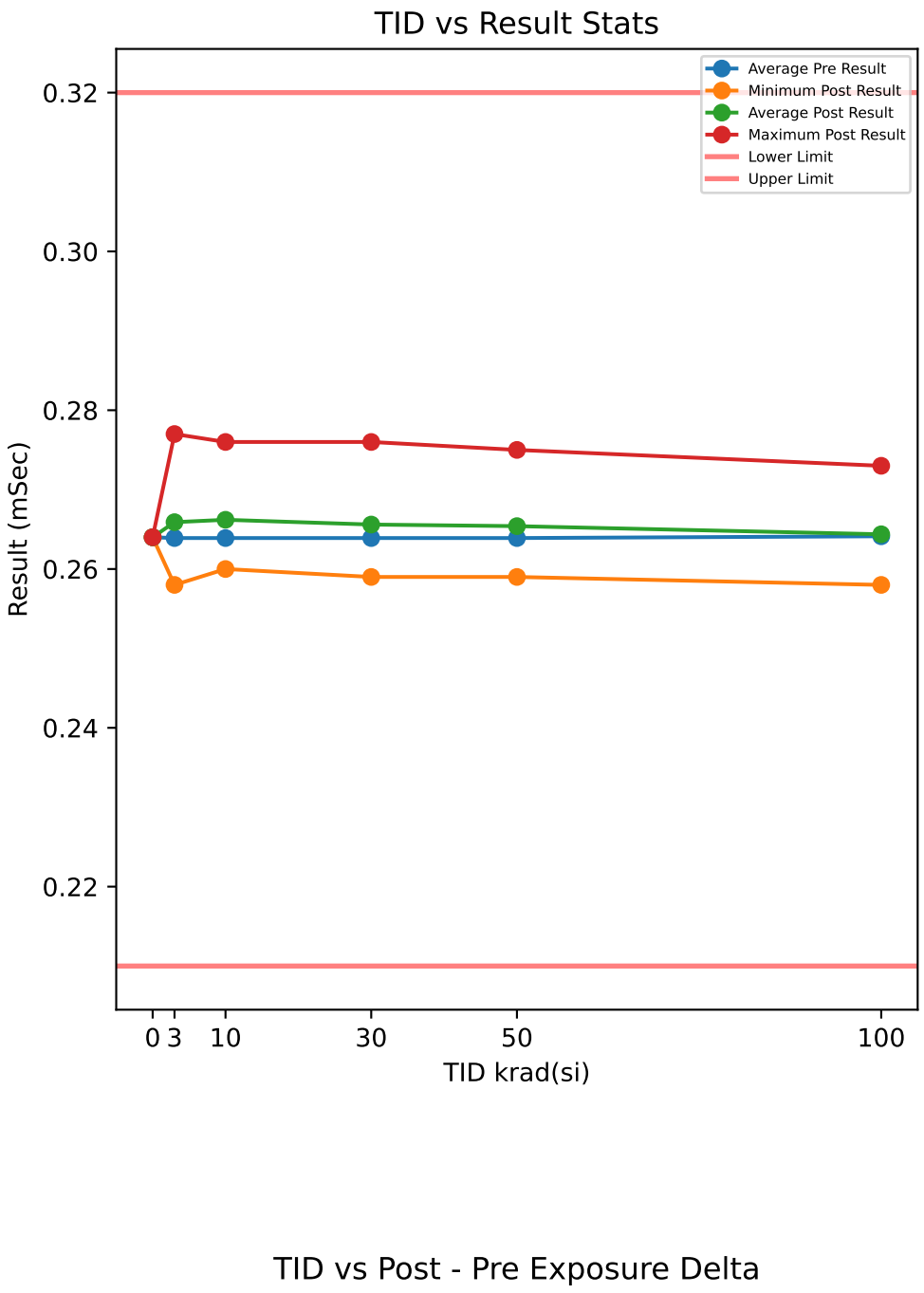
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

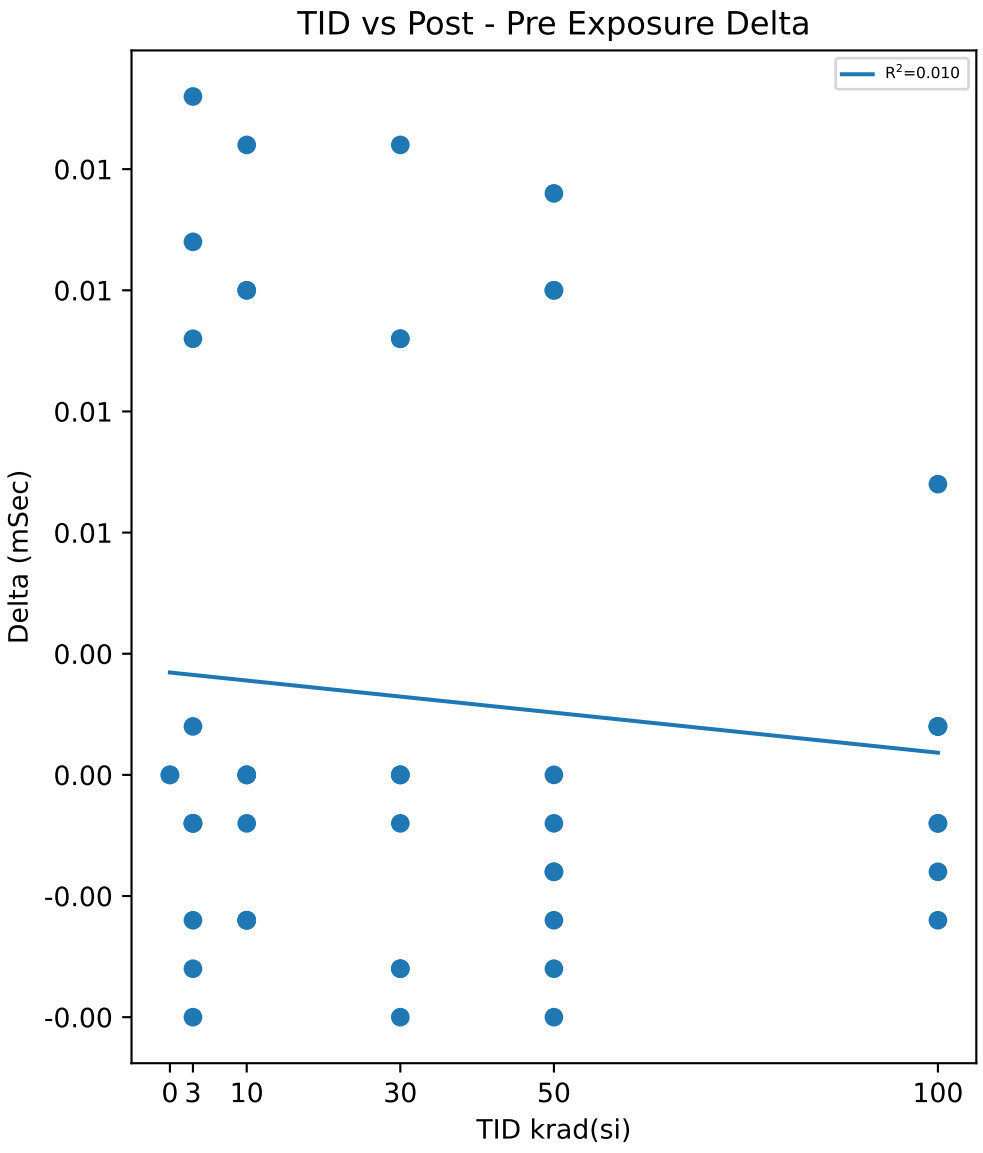
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.264	0.264	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.263	0.275	0.012
18	3	LDR-Biased	0.264	0.263	-0.001
19	3	LDR-Biased	0.257	0.266	0.009
20	3	LDR-Biased	0.264	0.264	0
21	3	LDR-Biased	0.264	0.264	0
22	3	LDR-Unbiased	0.266	0.261	-0.005
23	3	LDR-Unbiased	0.267	0.263	-0.004
25	3	LDR-Unbiased	0.263	0.259	-0.004
26	3	LDR-Unbiased	0.264	0.274	0.01
27	3	LDR-Unbiased	0.266	0.266	0
46	10	LDR-Biased	0.263	0.276	0.013
48	10	LDR-Biased	0.264	0.263	-0.001
49	10	LDR-Biased	0.257	0.266	0.009
50	10	LDR-Biased	0.264	0.264	0
51	10	LDR-Biased	0.264	0.265	0.001
52	10	LDR-Unbiased	0.266	0.262	-0.004
53	10	LDR-Unbiased	0.267	0.263	-0.004
55	10	LDR-Unbiased	0.263	0.259	-0.004
56	10	LDR-Unbiased	0.264	0.274	0.01
57	10	LDR-Unbiased	0.266	0.265	-0.001
76	30	LDR-Biased	0.263	0.277	0.014
78	30	LDR-Biased	0.264	0.263	-0.001
79	30	LDR-Biased	0.257	0.267	0.01
80	30	LDR-Biased	0.264	0.264	0
81	30	LDR-Biased	0.264	0.265	0.001
82	30	LDR-Unbiased	0.266	0.263	-0.003
83	30	LDR-Unbiased	0.267	0.265	-0.002
84	30	LDR-Unbiased	0.266	0.264	-0.002
85	30	LDR-Unbiased	0.263	0.26	-0.003
86	30	LDR-Unbiased	0.264	0.275	0.011
87	100	LDR-Biased	0.263	0.262	-0.001
88	100	LDR-Biased	0.264	0.263	-0.001
90	100	LDR-Biased	0.264	0.264	0
91	100	LDR-Unbiased	0.266	0.272	0.006
93	100	LDR-Unbiased	0.265	0.263	-0.002
94	100	LDR-Unbiased	0.264	0.265	0.001
95	100	LDR-Unbiased	0.262	0.259	-0.003
96	100	LDR-Unbiased	0.266	0.267	0.001
106	50	LDR-Biased	0.263	0.275	0.012
108	50	LDR-Biased	0.264	0.262	-0.002
109	50	LDR-Biased	0.257	0.266	0.009
110	50	LDR-Biased	0.264	0.264	0
111	50	LDR-Biased	0.264	0.264	0
112	50	LDR-Unbiased	0.266	0.262	-0.004
113	50	LDR-Unbiased	0.267	0.264	-0.003
115	50	LDR-Unbiased	0.263	0.259	-0.004
116	50	LDR-Unbiased	0.264	0.273	0.009
117	50	LDR-Unbiased	0.266	0.265	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.264	0.2645	0.265	0.00070711	0.264	0.2645	0.265	0.00070711	0	0	0	0
3	0.257	0.2638	0.267	0.0027406	0.259	0.2655	0.275	0.0051908	-0.005	0.0017	0.012	0.0062725
10	0.257	0.2638	0.267	0.0027406	0.259	0.2657	0.276	0.0052926	-0.004	0.0019	0.013	0.0063675
30	0.257	0.2638	0.267	0.0027406	0.26	0.2663	0.277	0.0054375	-0.003	0.0025	0.014	0.0065192
50	0.257	0.2638	0.267	0.0027406	0.259	0.2654	0.275	0.0049486	-0.004	0.0016	0.012	0.0060222
100	0.262	0.26425	0.266	0.0013887	0.259	0.26438	0.272	0.0038522	-0.003	0.000125	0.006	0.0027484

Device Test: 4.26 treg_Res10p5K_SENSE3/SENSE3/7/3/0/10.5K/0/@REG_TIME_10KOHM





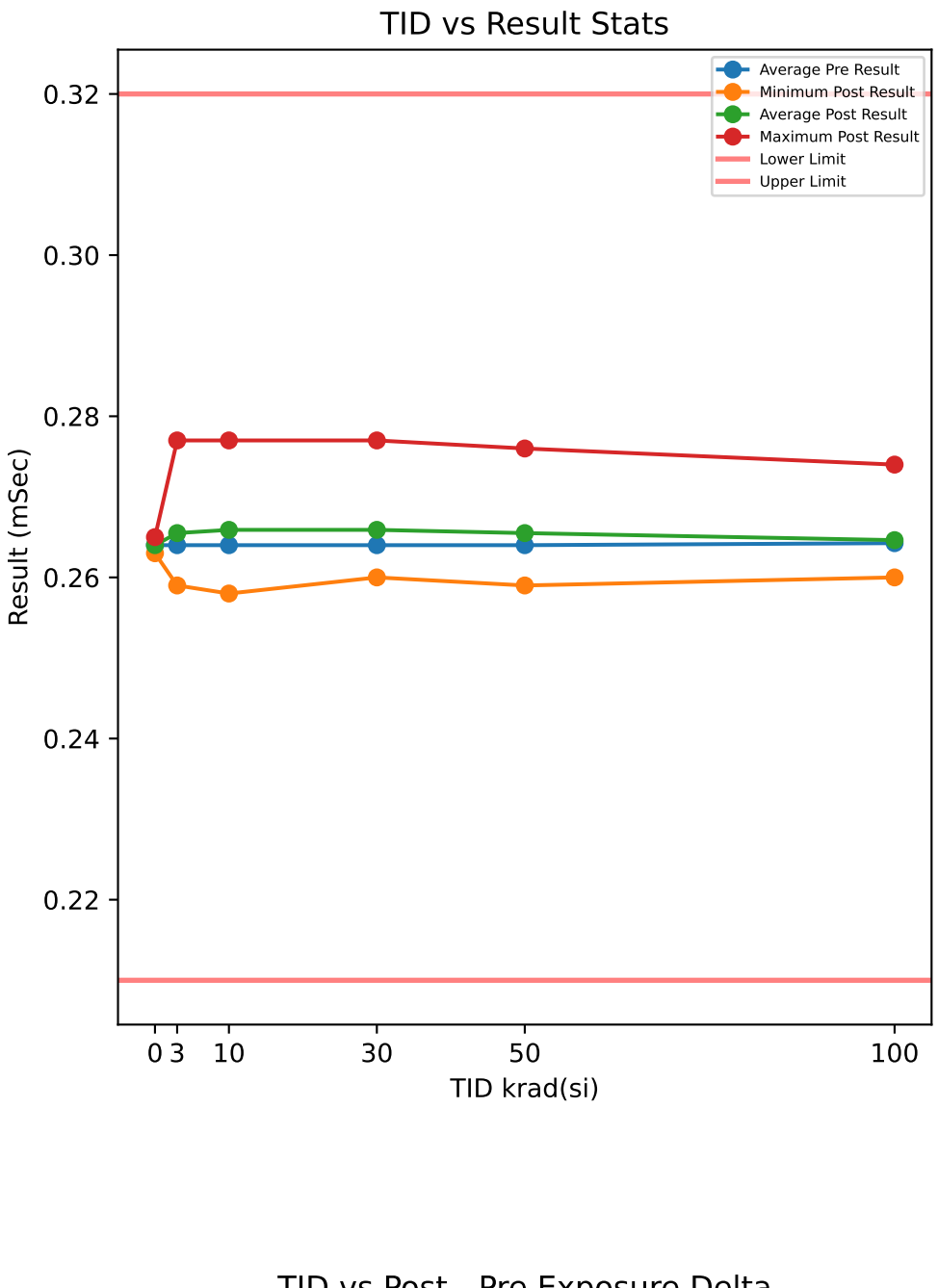
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

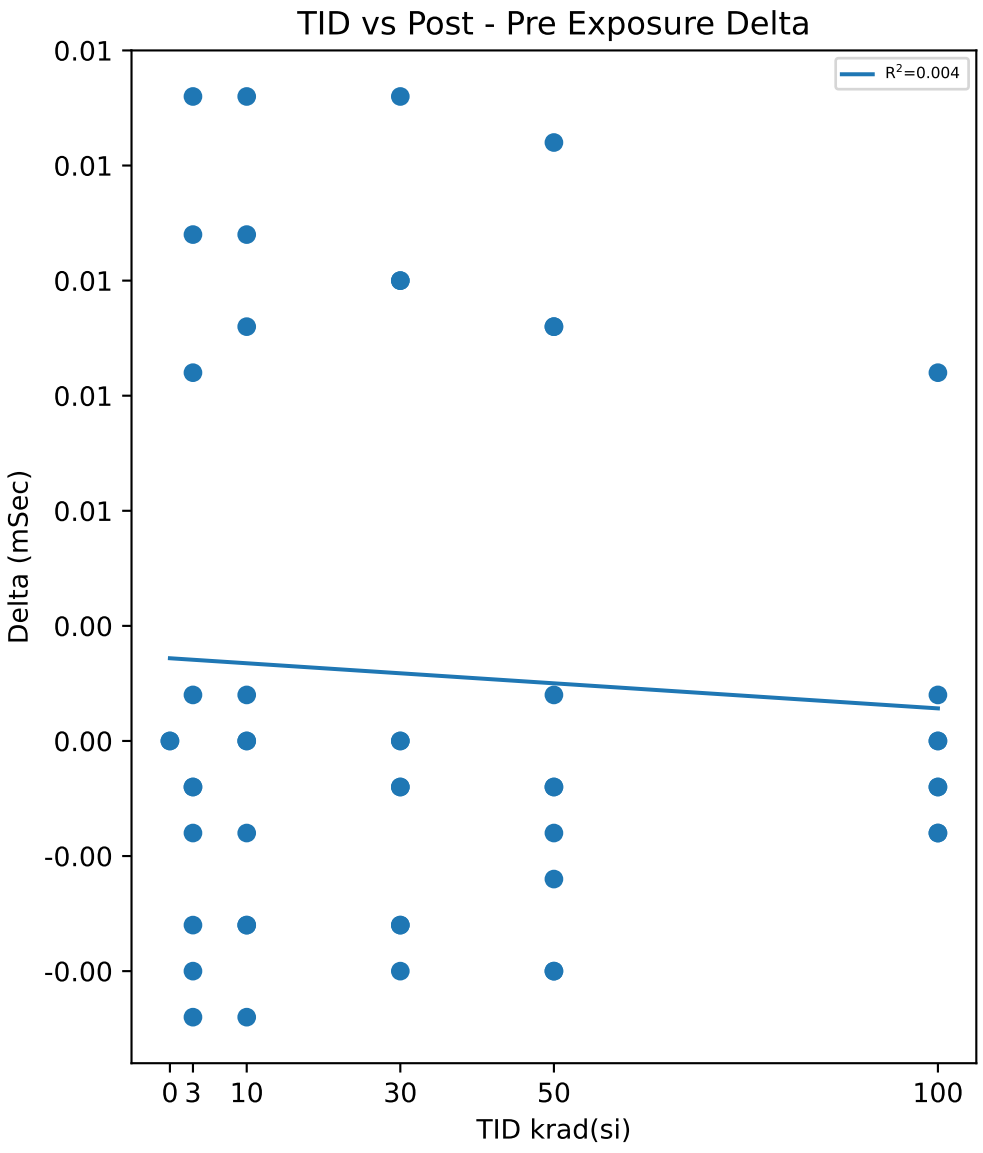
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.264	0.264	0
7	0	Correlation	0.264	0.264	0
16	3	LDR-Biased	0.263	0.277	0.014
18	3	LDR-Biased	0.264	0.263	-0.001
19	3	LDR-Biased	0.257	0.266	0.009
20	3	LDR-Biased	0.264	0.263	-0.001
21	3	LDR-Biased	0.266	0.265	-0.001
22	3	LDR-Unbiased	0.266	0.263	-0.003
23	3	LDR-Unbiased	0.267	0.263	-0.004
25	3	LDR-Unbiased	0.263	0.258	-0.005
26	3	LDR-Unbiased	0.264	0.275	0.011
27	3	LDR-Unbiased	0.265	0.266	0.001
46	10	LDR-Biased	0.263	0.276	0.013
48	10	LDR-Biased	0.264	0.263	-0.001
49	10	LDR-Biased	0.257	0.267	0.01
50	10	LDR-Biased	0.264	0.264	0
51	10	LDR-Biased	0.266	0.266	0
52	10	LDR-Unbiased	0.266	0.263	-0.003
53	10	LDR-Unbiased	0.267	0.264	-0.003
55	10	LDR-Unbiased	0.263	0.26	-0.003
56	10	LDR-Unbiased	0.264	0.274	0.01
57	10	LDR-Unbiased	0.265	0.265	0
76	30	LDR-Biased	0.263	0.276	0.013
78	30	LDR-Biased	0.264	0.264	0
79	30	LDR-Biased	0.257	0.266	0.009
80	30	LDR-Biased	0.264	0.264	0
81	30	LDR-Biased	0.266	0.266	0
82	30	LDR-Unbiased	0.266	0.262	-0.004
83	30	LDR-Unbiased	0.267	0.262	-0.005
84	30	LDR-Unbiased	0.265	0.264	-0.001
85	30	LDR-Unbiased	0.263	0.259	-0.004
86	30	LDR-Unbiased	0.264	0.273	0.009
87	100	LDR-Biased	0.263	0.262	-0.001
88	100	LDR-Biased	0.263	0.264	0.001
90	100	LDR-Biased	0.266	0.264	-0.002
91	100	LDR-Unbiased	0.267	0.273	0.006
93	100	LDR-Unbiased	0.265	0.264	-0.001
94	100	LDR-Unbiased	0.263	0.264	0.001
95	100	LDR-Unbiased	0.261	0.258	-0.003
96	100	LDR-Unbiased	0.265	0.266	0.001
106	50	LDR-Biased	0.263	0.275	0.012
108	50	LDR-Biased	0.264	0.262	-0.002
109	50	LDR-Biased	0.257	0.267	0.01
110	50	LDR-Biased	0.264	0.264	0
111	50	LDR-Biased	0.266	0.264	-0.002
112	50	LDR-Unbiased	0.266	0.263	-0.003
113	50	LDR-Unbiased	0.267	0.262	-0.005
115	50	LDR-Unbiased	0.263	0.259	-0.004
116	50	LDR-Unbiased	0.264	0.274	0.01
117	50	LDR-Unbiased	0.265	0.264	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.264	0.264	0.264	0	0.264	0.264	0.264	0	0	0	0	0
3	0.257	0.2639	0.267	0.0027669	0.258	0.2659	0.277	0.0058013	-0.005	0.002	0.014	0.0067659
10	0.257	0.2639	0.267	0.0027669	0.26	0.2662	0.276	0.0050288	-0.003	0.0023	0.013	0.0061833
30	0.257	0.2639	0.267	0.0027669	0.259	0.2656	0.276	0.0051683	-0.005	0.0017	0.013	0.0063254
50	0.257	0.2639	0.267	0.0027669	0.259	0.2654	0.275	0.0052111	-0.005	0.0015	0.012	0.0065021
100	0.261	0.26412	0.267	0.0019594	0.258	0.26438	0.273	0.0042067	-0.003	0.00025	0.006	0.0027646

Device Test: 4.27 treg_Res10p5K_SENSE4/SENSE4/7/3/0/10.5K/0/@REG_TIME_10KOHM





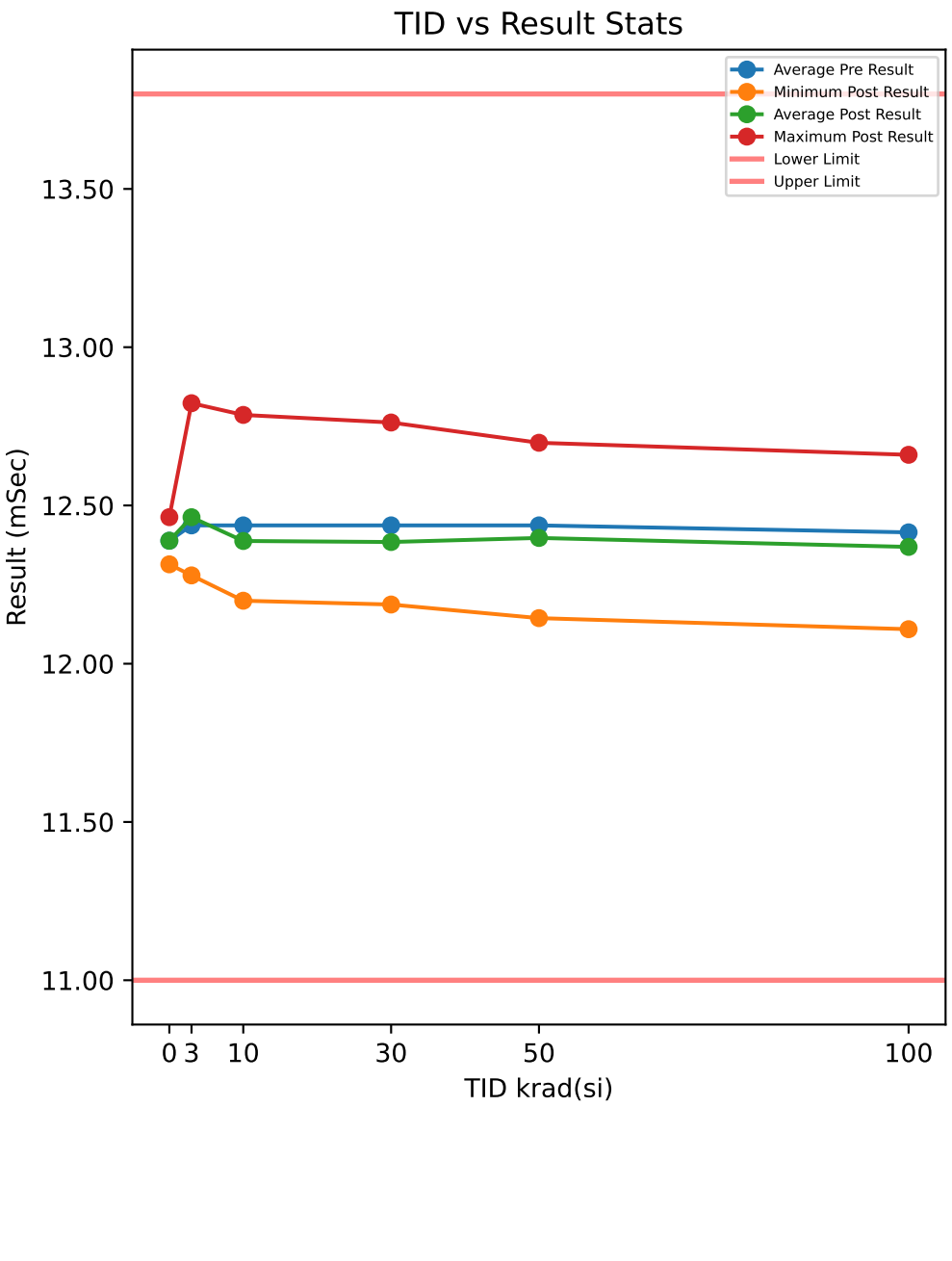
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

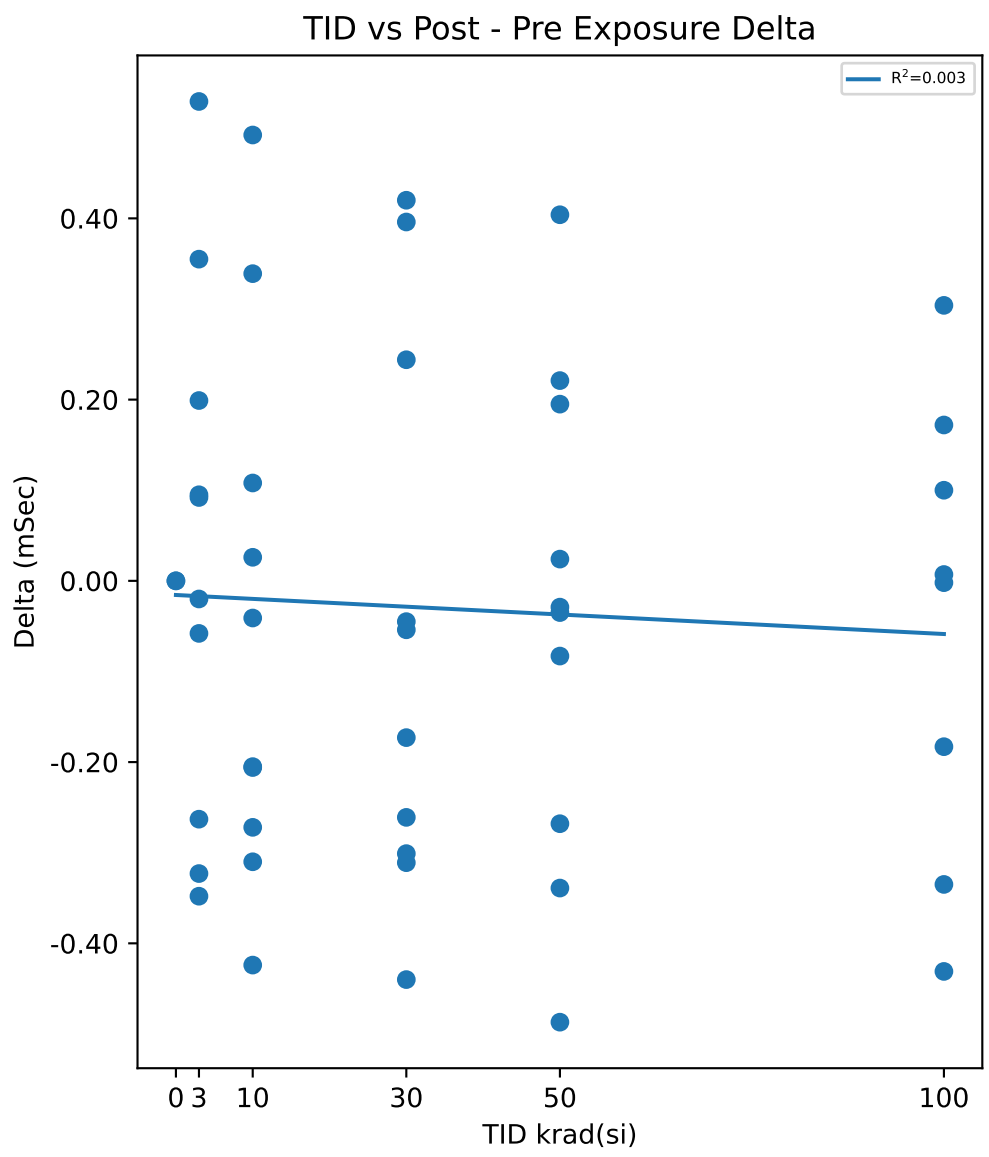
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.263	0.263	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.263	0.277	0.014
18	3	LDR-Biased	0.265	0.263	-0.002
19	3	LDR-Biased	0.257	0.265	0.008
20	3	LDR-Biased	0.263	0.264	0.001
21	3	LDR-Biased	0.265	0.264	-0.001
22	3	LDR-Unbiased	0.267	0.261	-0.006
23	3	LDR-Unbiased	0.267	0.263	-0.004
25	3	LDR-Unbiased	0.264	0.259	-0.005
26	3	LDR-Unbiased	0.264	0.275	0.011
27	3	LDR-Unbiased	0.265	0.264	-0.001
46	10	LDR-Biased	0.263	0.277	0.014
48	10	LDR-Biased	0.265	0.263	-0.002
49	10	LDR-Biased	0.257	0.266	0.009
50	10	LDR-Biased	0.263	0.264	0.001
51	10	LDR-Biased	0.265	0.265	0
52	10	LDR-Unbiased	0.267	0.263	-0.004
53	10	LDR-Unbiased	0.267	0.263	-0.004
55	10	LDR-Unbiased	0.264	0.258	-0.006
56	10	LDR-Unbiased	0.264	0.275	0.011
57	10	LDR-Unbiased	0.265	0.265	0
76	30	LDR-Biased	0.263	0.277	0.014
78	30	LDR-Biased	0.265	0.264	-0.001
79	30	LDR-Biased	0.257	0.267	0.01
80	30	LDR-Biased	0.263	0.263	0
81	30	LDR-Biased	0.265	0.264	-0.001
82	30	LDR-Unbiased	0.267	0.263	-0.004
83	30	LDR-Unbiased	0.267	0.262	-0.005
84	30	LDR-Unbiased	0.265	0.265	0
85	30	LDR-Unbiased	0.264	0.26	-0.004
86	30	LDR-Unbiased	0.264	0.274	0.01
87	100	LDR-Biased	0.263	0.263	0
88	100	LDR-Biased	0.264	0.264	0
90	100	LDR-Biased	0.266	0.264	-0.002
91	100	LDR-Unbiased	0.266	0.274	0.008
93	100	LDR-Unbiased	0.264	0.263	-0.001
94	100	LDR-Unbiased	0.265	0.263	-0.002
95	100	LDR-Unbiased	0.261	0.26	-0.001
96	100	LDR-Unbiased	0.265	0.266	0.001
106	50	LDR-Biased	0.263	0.276	0.013
108	50	LDR-Biased	0.265	0.263	-0.002
109	50	LDR-Biased	0.257	0.266	0.009
110	50	LDR-Biased	0.263	0.264	0.001
111	50	LDR-Biased	0.265	0.264	-0.001
112	50	LDR-Unbiased	0.267	0.262	-0.005
113	50	LDR-Unbiased	0.267	0.264	-0.003
115	50	LDR-Unbiased	0.264	0.259	-0.005
116	50	LDR-Unbiased	0.264	0.273	0.009
117	50	LDR-Unbiased	0.265	0.264	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.264	0.265	0.0014142	0.263	0.264	0.265	0.0014142	0	0	0	0
3	0.257	0.264	0.267	0.0028284	0.259	0.2655	0.277	0.0058166	-0.006	0.0015	0.014	0.0070119
10	0.257	0.264	0.267	0.0028284	0.258	0.2659	0.277	0.0057629	-0.006	0.0019	0.014	0.0069514
30	0.257	0.264	0.267	0.0028284	0.26	0.2659	0.277	0.0054252	-0.005	0.0019	0.014	0.0068223
50	0.257	0.264	0.267	0.0028284	0.259	0.2655	0.276	0.0051262	-0.005	0.0015	0.013	0.0064507
100	0.261	0.26425	0.266	0.001669	0.26	0.26462	0.274	0.0041382	-0.002	0.000375	0.008	0.0032486

Device Test: 4.28 treg_Res619K_SENSE1/SENSE1/7/3/0/619K/0/@REG_TIME_500KOHM





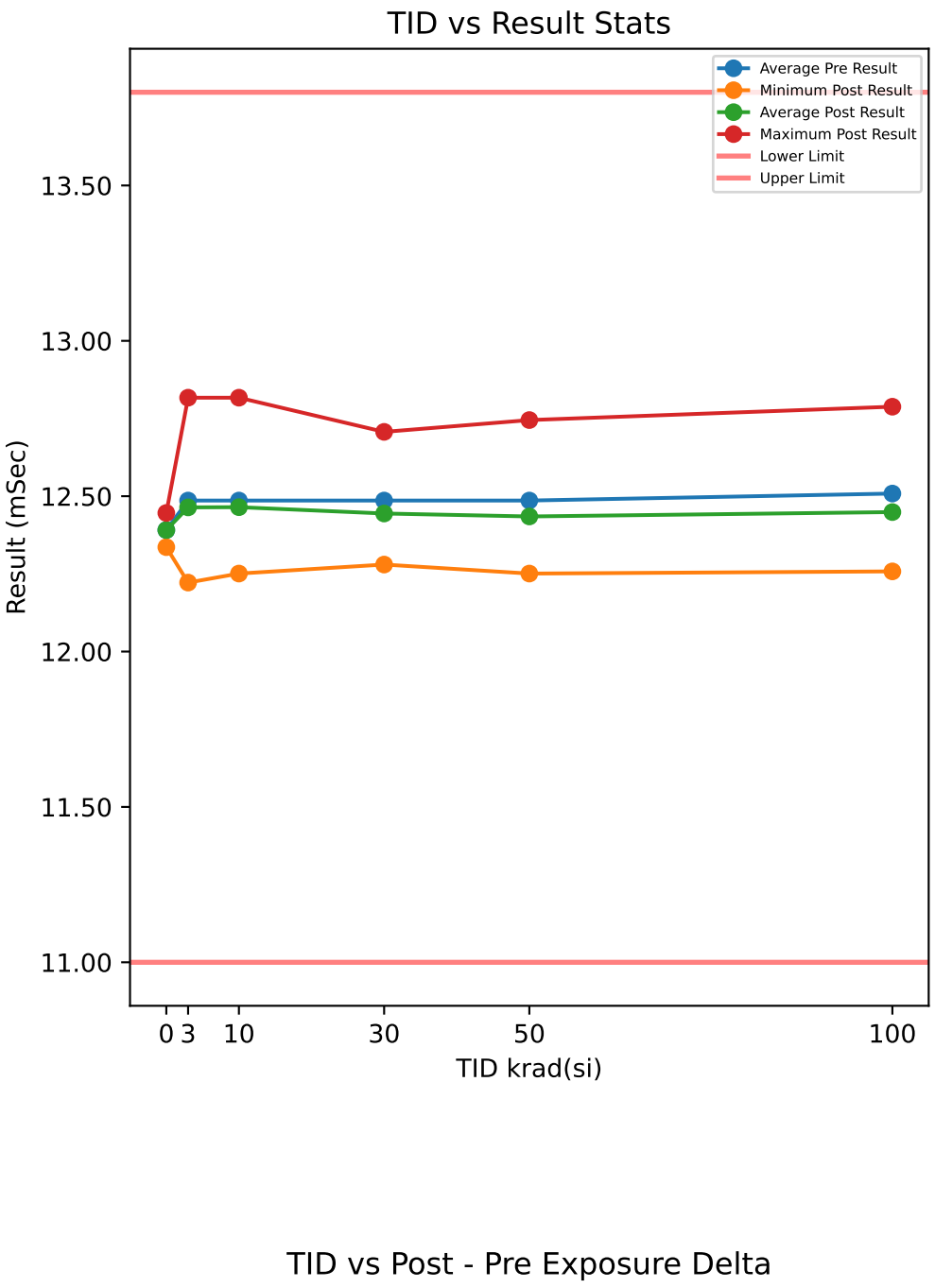
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

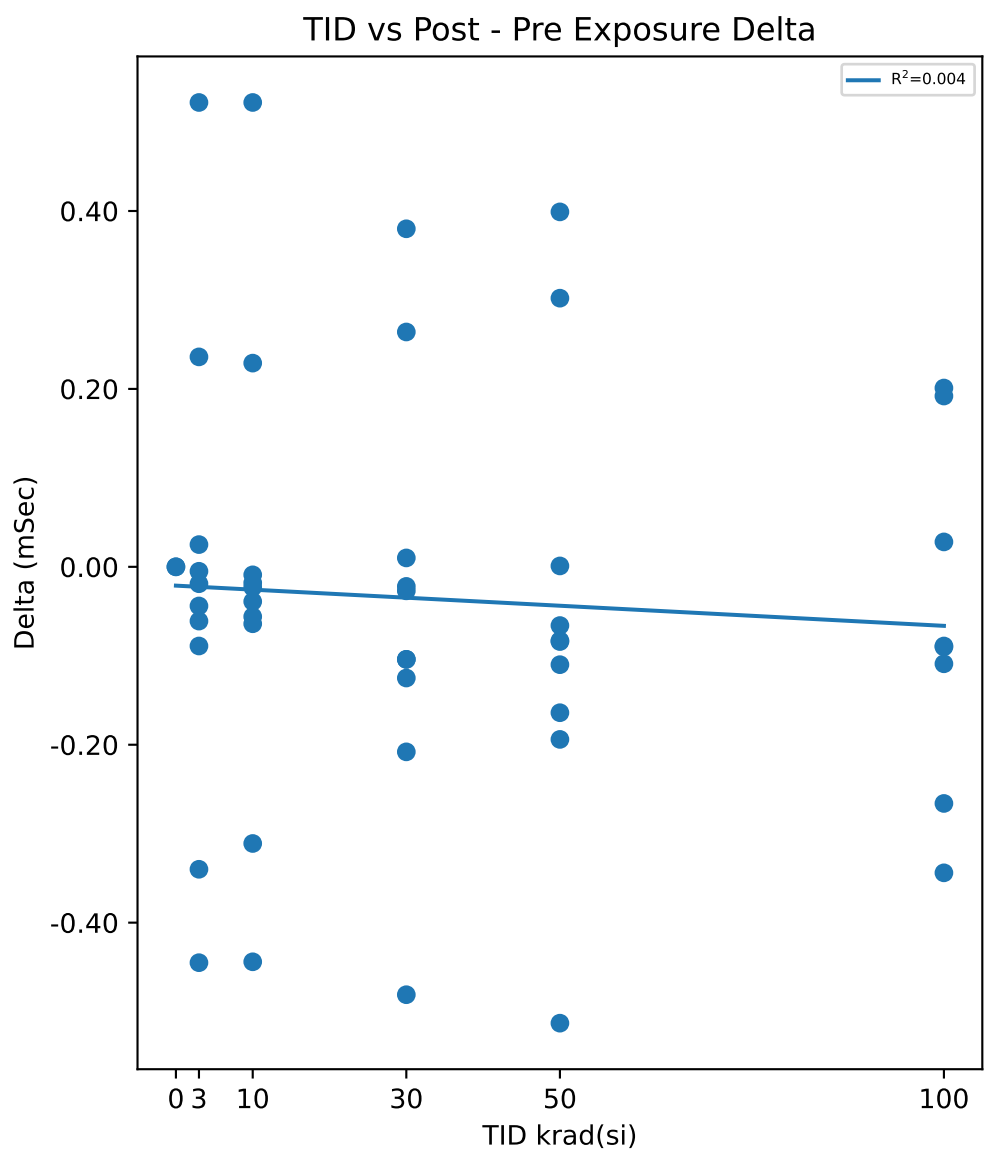
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.314	12.314	0
7	0	Correlation	12.463	12.463	0
16	3	LDR-Biased	12.366	12.721	0.355
18	3	LDR-Biased	12.344	12.439	0.095
19	3	LDR-Biased	12.252	12.344	0.092
20	3	LDR-Biased	12.405	12.385	-0.02
21	3	LDR-Biased	12.529	12.471	-0.058
22	3	LDR-Unbiased	12.632	12.369	-0.263
23	3	LDR-Unbiased	12.627	12.279	-0.348
25	3	LDR-Unbiased	12.29	12.489	0.199
26	3	LDR-Unbiased	12.294	12.823	0.529
27	3	LDR-Unbiased	12.631	12.308	-0.323
46	10	LDR-Biased	12.366	12.705	0.339
48	10	LDR-Biased	12.344	12.452	0.108
49	10	LDR-Biased	12.252	12.211	-0.041
50	10	LDR-Biased	12.405	12.199	-0.206
51	10	LDR-Biased	12.529	12.324	-0.205
52	10	LDR-Unbiased	12.632	12.36	-0.272
53	10	LDR-Unbiased	12.627	12.317	-0.31
55	10	LDR-Unbiased	12.29	12.316	0.026
56	10	LDR-Unbiased	12.294	12.786	0.492
57	10	LDR-Unbiased	12.631	12.207	-0.424
76	30	LDR-Biased	12.366	12.762	0.396
78	30	LDR-Biased	12.344	12.299	-0.045
79	30	LDR-Biased	12.252	12.198	-0.054
80	30	LDR-Biased	12.405	12.232	-0.173
81	30	LDR-Biased	12.529	12.268	-0.261
82	30	LDR-Unbiased	12.632	12.321	-0.311
83	30	LDR-Unbiased	12.627	12.187	-0.44
84	30	LDR-Unbiased	12.631	12.33	-0.301
85	30	LDR-Unbiased	12.29	12.534	0.244
86	30	LDR-Unbiased	12.294	12.714	0.42
87	100	LDR-Biased	12.422	12.429	0.007
88	100	LDR-Biased	12.35	12.167	-0.183
90	100	LDR-Biased	12.319	12.317	-0.002
91	100	LDR-Unbiased	12.488	12.66	0.172
93	100	LDR-Unbiased	12.54	12.109	-0.431
94	100	LDR-Unbiased	12.351	12.451	0.1
95	100	LDR-Unbiased	12.223	12.527	0.304
96	100	LDR-Unbiased	12.627	12.292	-0.335
106	50	LDR-Biased	12.366	12.587	0.221
108	50	LDR-Biased	12.344	12.368	0.024
109	50	LDR-Biased	12.252	12.217	-0.035
110	50	LDR-Biased	12.405	12.376	-0.029
111	50	LDR-Biased	12.529	12.446	-0.083
112	50	LDR-Unbiased	12.632	12.293	-0.339
113	50	LDR-Unbiased	12.627	12.359	-0.268
115	50	LDR-Unbiased	12.29	12.485	0.195
116	50	LDR-Unbiased	12.294	12.698	0.404
117	50	LDR-Unbiased	12.631	12.144	-0.487

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.314	12.389	12.463	0.10536	12.314	12.389	12.463	0.10536	0	0	0	0
3	12.252	12.437	12.632	0.1532	12.279	12.463	12.823	0.17778	-0.348	0.0258	0.529	0.28957
10	12.252	12.437	12.632	0.1532	12.199	12.388	12.786	0.20491	-0.424	-0.0493	0.492	0.29458
30	12.252	12.437	12.632	0.1532	12.187	12.384	12.762	0.21038	-0.44	-0.0525	0.42	0.30716
50	12.252	12.437	12.632	0.1532	12.144	12.397	12.698	0.1656	-0.487	-0.0397	0.404	0.27239
100	12.223	12.415	12.627	0.13112	12.109	12.369	12.66	0.18401	-0.431	-0.046	0.304	0.25259

Device Test: 4.29 treg_Res619K_SENSE2/SENSE2/7/3/0/619K/0/@REG_TIME_500KOHM





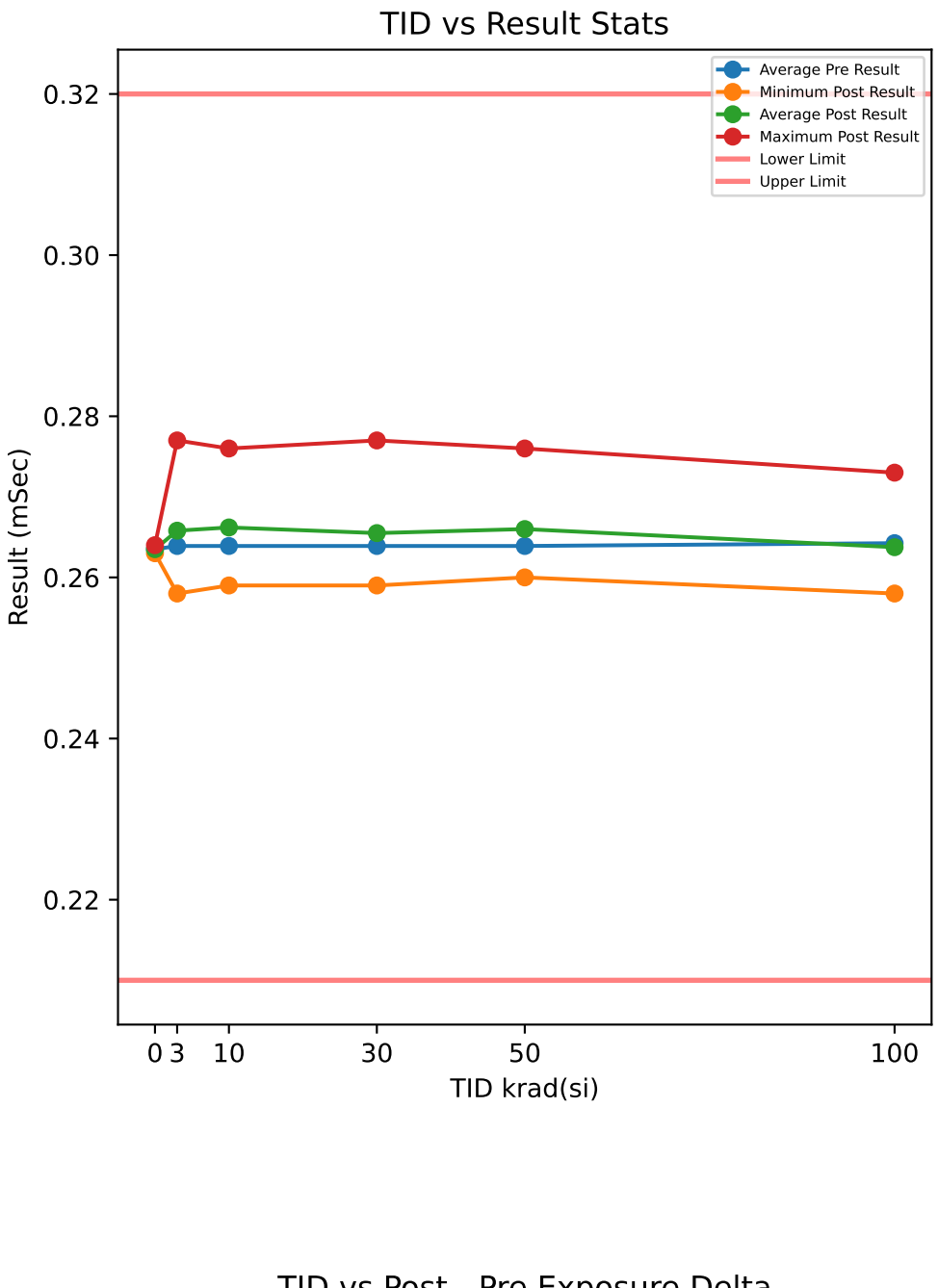
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

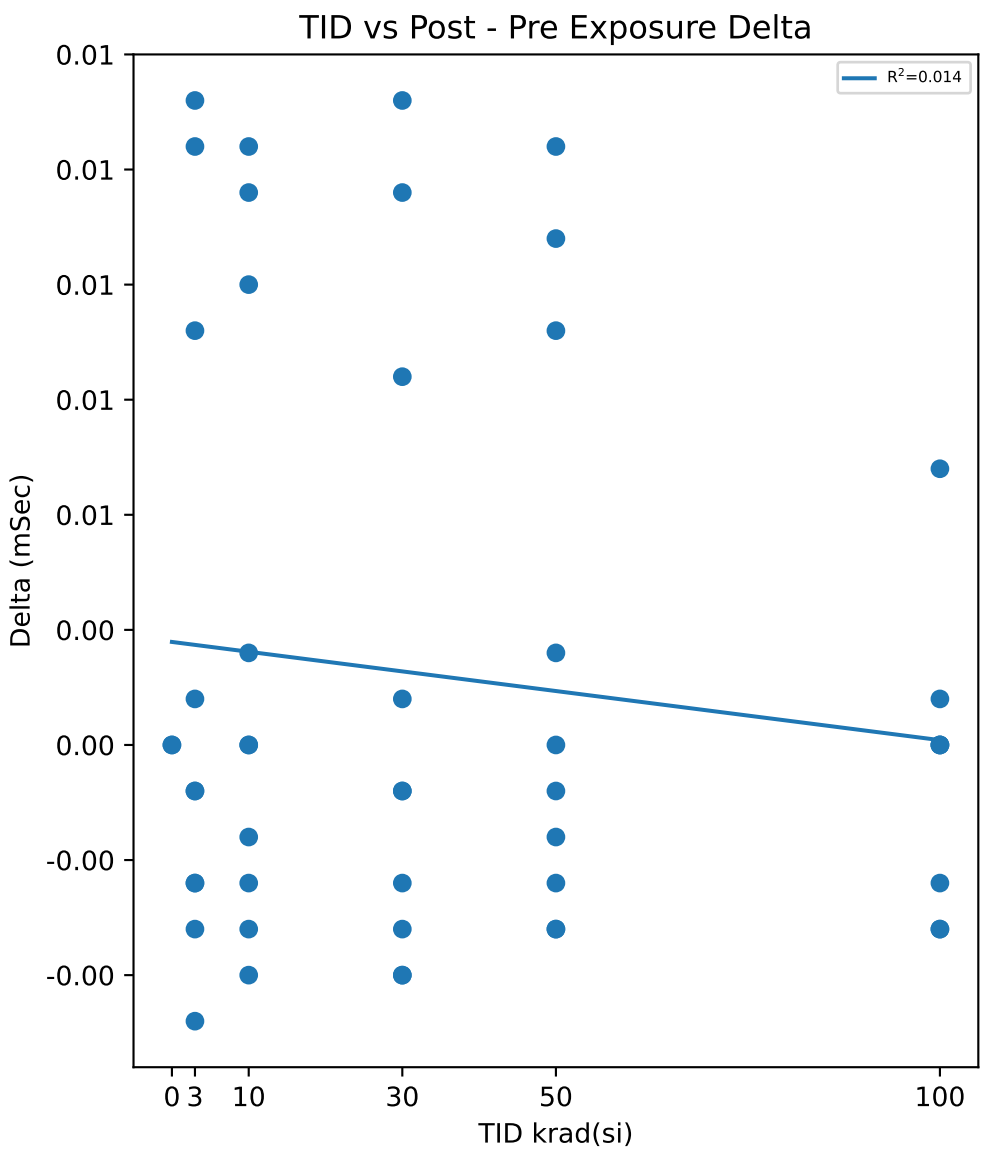
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.336	12.336	0
7	0	Correlation	12.446	12.446	0
16	3	LDR-Biased	12.443	12.679	0.236
18	3	LDR-Biased	12.424	12.449	0.025
19	3	LDR-Biased	12.384	12.323	-0.061
20	3	LDR-Biased	12.395	12.376	-0.019
21	3	LDR-Biased	12.526	12.482	-0.044
22	3	LDR-Unbiased	12.589	12.5	-0.089
23	3	LDR-Unbiased	12.562	12.222	-0.34
25	3	LDR-Unbiased	12.478	12.473	-0.005
26	3	LDR-Unbiased	12.295	12.817	0.522
27	3	LDR-Unbiased	12.764	12.319	-0.445
46	10	LDR-Biased	12.443	12.672	0.229
48	10	LDR-Biased	12.424	12.385	-0.039
49	10	LDR-Biased	12.384	12.366	-0.018
50	10	LDR-Biased	12.395	12.372	-0.023
51	10	LDR-Biased	12.526	12.462	-0.064
52	10	LDR-Unbiased	12.589	12.533	-0.056
53	10	LDR-Unbiased	12.562	12.251	-0.311
55	10	LDR-Unbiased	12.478	12.469	-0.009
56	10	LDR-Unbiased	12.295	12.817	0.522
57	10	LDR-Unbiased	12.764	12.32	-0.444
76	30	LDR-Biased	12.443	12.707	0.264
78	30	LDR-Biased	12.424	12.434	0.01
79	30	LDR-Biased	12.384	12.28	-0.104
80	30	LDR-Biased	12.395	12.373	-0.022
81	30	LDR-Biased	12.526	12.422	-0.104
82	30	LDR-Unbiased	12.589	12.464	-0.125
83	30	LDR-Unbiased	12.562	12.354	-0.208
84	30	LDR-Unbiased	12.764	12.283	-0.481
85	30	LDR-Unbiased	12.478	12.451	-0.027
86	30	LDR-Unbiased	12.295	12.675	0.38
87	100	LDR-Biased	12.589	12.5	-0.089
88	100	LDR-Biased	12.441	12.332	-0.109
90	100	LDR-Biased	12.42	12.33	-0.09
91	100	LDR-Unbiased	12.587	12.788	0.201
93	100	LDR-Unbiased	12.524	12.258	-0.266
94	100	LDR-Unbiased	12.43	12.458	0.028
95	100	LDR-Unbiased	12.328	12.52	0.192
96	100	LDR-Unbiased	12.749	12.405	-0.344
106	50	LDR-Biased	12.443	12.745	0.302
108	50	LDR-Biased	12.424	12.425	0.001
109	50	LDR-Biased	12.384	12.274	-0.11
110	50	LDR-Biased	12.395	12.312	-0.083
111	50	LDR-Biased	12.526	12.442	-0.084
112	50	LDR-Unbiased	12.589	12.425	-0.164
113	50	LDR-Unbiased	12.562	12.368	-0.194
115	50	LDR-Unbiased	12.478	12.412	-0.066
116	50	LDR-Unbiased	12.295	12.694	0.399
117	50	LDR-Unbiased	12.764	12.251	-0.513

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.336	12.391	12.446	0.077782	12.336	12.391	12.446	0.077782	0	0	0	0
3	12.295	12.486	12.764	0.13174	12.222	12.464	12.817	0.17638	-0.445	-0.022	0.522	0.26906
10	12.295	12.486	12.764	0.13174	12.251	12.465	12.817	0.17097	-0.444	-0.0213	0.522	0.2633
30	12.295	12.486	12.764	0.13174	12.28	12.444	12.707	0.14511	-0.481	-0.0417	0.38	0.23802
50	12.295	12.486	12.764	0.13174	12.251	12.435	12.745	0.16444	-0.513	-0.0512	0.399	0.25436
100	12.328	12.508	12.749	0.13194	12.258	12.449	12.788	0.16428	-0.344	-0.059625	0.201	0.19516

Device Test: 4.3 treg_Res10p5K_SENSE4/SENSE4/1.6/3/0/10.5K/0/@REG_TIME_10KOHM





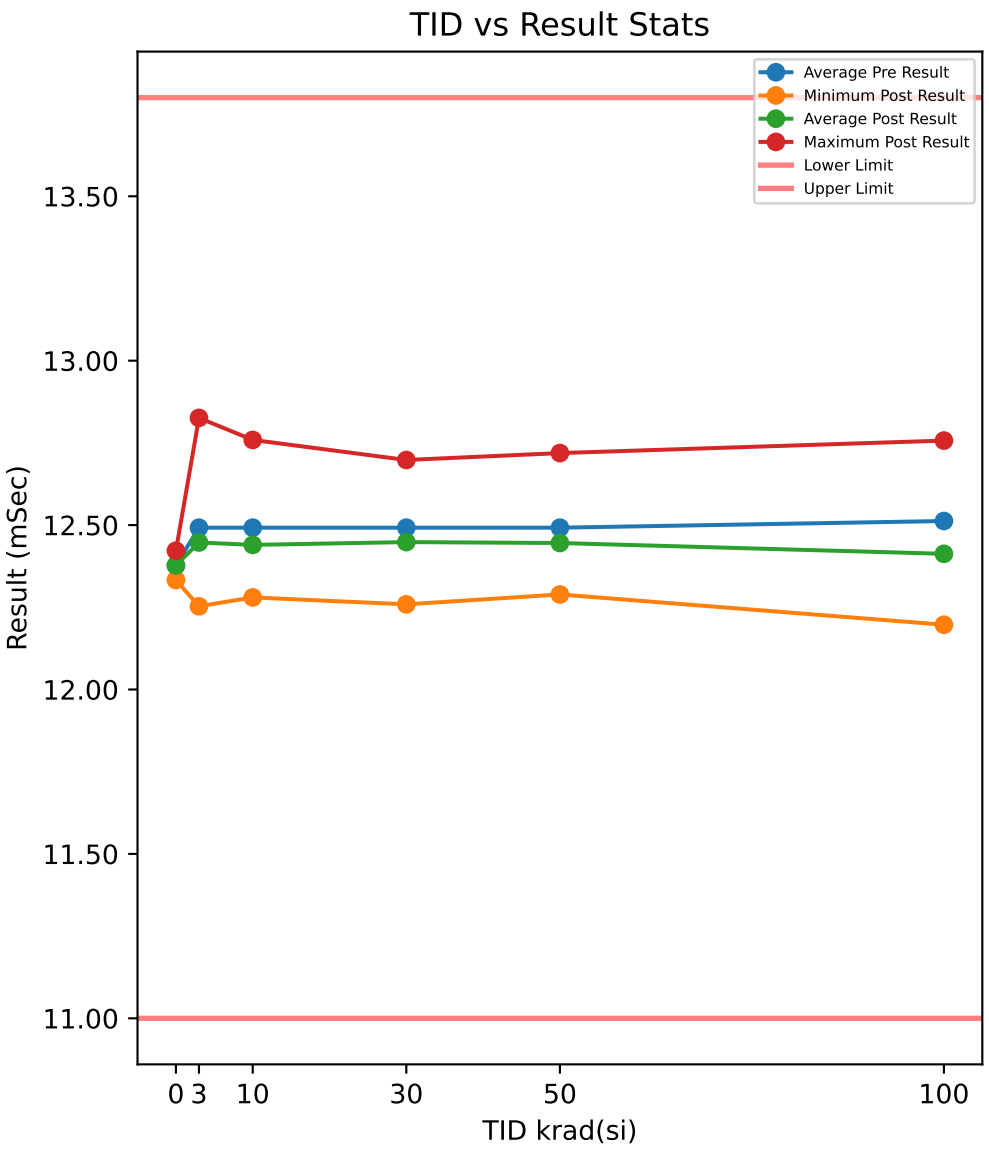
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

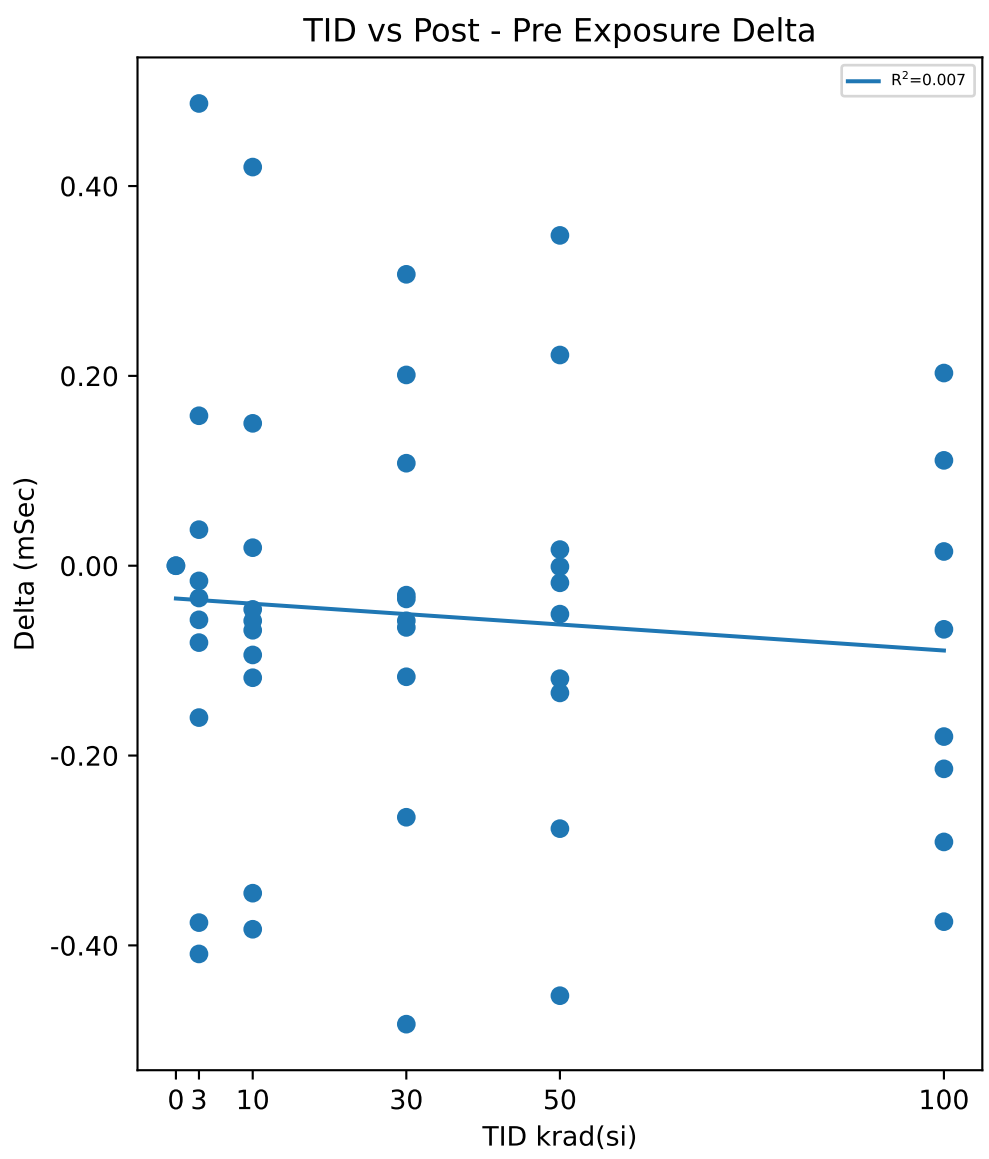
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.263	0.263	0
7	0	Correlation	0.264	0.264	0
16	3	LDR-Biased	0.263	0.277	0.014
18	3	LDR-Biased	0.264	0.263	-0.001
19	3	LDR-Biased	0.257	0.266	0.009
20	3	LDR-Biased	0.263	0.264	0.001
21	3	LDR-Biased	0.265	0.264	-0.001
22	3	LDR-Unbiased	0.266	0.263	-0.003
23	3	LDR-Unbiased	0.267	0.263	-0.004
25	3	LDR-Unbiased	0.264	0.258	-0.006
26	3	LDR-Unbiased	0.263	0.276	0.013
27	3	LDR-Unbiased	0.267	0.264	-0.003
46	10	LDR-Biased	0.263	0.276	0.013
48	10	LDR-Biased	0.264	0.264	0
49	10	LDR-Biased	0.257	0.267	0.01
50	10	LDR-Biased	0.263	0.265	0.002
51	10	LDR-Biased	0.265	0.265	0
52	10	LDR-Unbiased	0.266	0.263	-0.003
53	10	LDR-Unbiased	0.267	0.263	-0.004
55	10	LDR-Unbiased	0.264	0.259	-0.005
56	10	LDR-Unbiased	0.263	0.275	0.012
57	10	LDR-Unbiased	0.267	0.265	-0.002
76	30	LDR-Biased	0.263	0.277	0.014
78	30	LDR-Biased	0.264	0.263	-0.001
79	30	LDR-Biased	0.257	0.265	0.008
80	30	LDR-Biased	0.263	0.264	0.001
81	30	LDR-Biased	0.265	0.264	-0.001
82	30	LDR-Unbiased	0.266	0.262	-0.004
83	30	LDR-Unbiased	0.267	0.262	-0.005
84	30	LDR-Unbiased	0.267	0.264	-0.003
85	30	LDR-Unbiased	0.264	0.259	-0.005
86	30	LDR-Unbiased	0.263	0.275	0.012
87	100	LDR-Biased	0.262	0.262	0
88	100	LDR-Biased	0.263	0.263	0
90	100	LDR-Biased	0.265	0.262	-0.003
91	100	LDR-Unbiased	0.267	0.273	0.006
93	100	LDR-Unbiased	0.266	0.262	-0.004
94	100	LDR-Unbiased	0.264	0.264	0
95	100	LDR-Unbiased	0.262	0.258	-0.004
96	100	LDR-Unbiased	0.265	0.266	0.001
106	50	LDR-Biased	0.263	0.276	0.013
108	50	LDR-Biased	0.264	0.263	-0.001
109	50	LDR-Biased	0.257	0.266	0.009
110	50	LDR-Biased	0.263	0.265	0.002
111	50	LDR-Biased	0.265	0.265	0
112	50	LDR-Unbiased	0.266	0.263	-0.003
113	50	LDR-Unbiased	0.267	0.263	-0.004
115	50	LDR-Unbiased	0.264	0.26	-0.004
116	50	LDR-Unbiased	0.263	0.274	0.011
117	50	LDR-Unbiased	0.267	0.265	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.2635	0.264	0.00070711	0.263	0.2635	0.264	0.00070711	0	0	0	0
3	0.257	0.2639	0.267	0.0028848	0.258	0.2658	0.277	0.0059963	-0.006	0.0019	0.014	0.007325
10	0.257	0.2639	0.267	0.0028848	0.259	0.2662	0.276	0.0053292	-0.005	0.0023	0.013	0.0068158
30	0.257	0.2639	0.267	0.0028848	0.259	0.2655	0.277	0.0057975	-0.005	0.0016	0.014	0.0071212
50	0.257	0.2639	0.267	0.0028848	0.26	0.266	0.276	0.0050553	-0.004	0.0021	0.013	0.0064713
100	0.262	0.26425	0.267	0.0018323	0.258	0.26375	0.273	0.0043671	-0.004	-0.0005	0.006	0.003295

Device Test: 4.30 treg_Res619K_SENSE3/SENSE3/7/3/0/619K/0/@REG_TIME_500KOHM





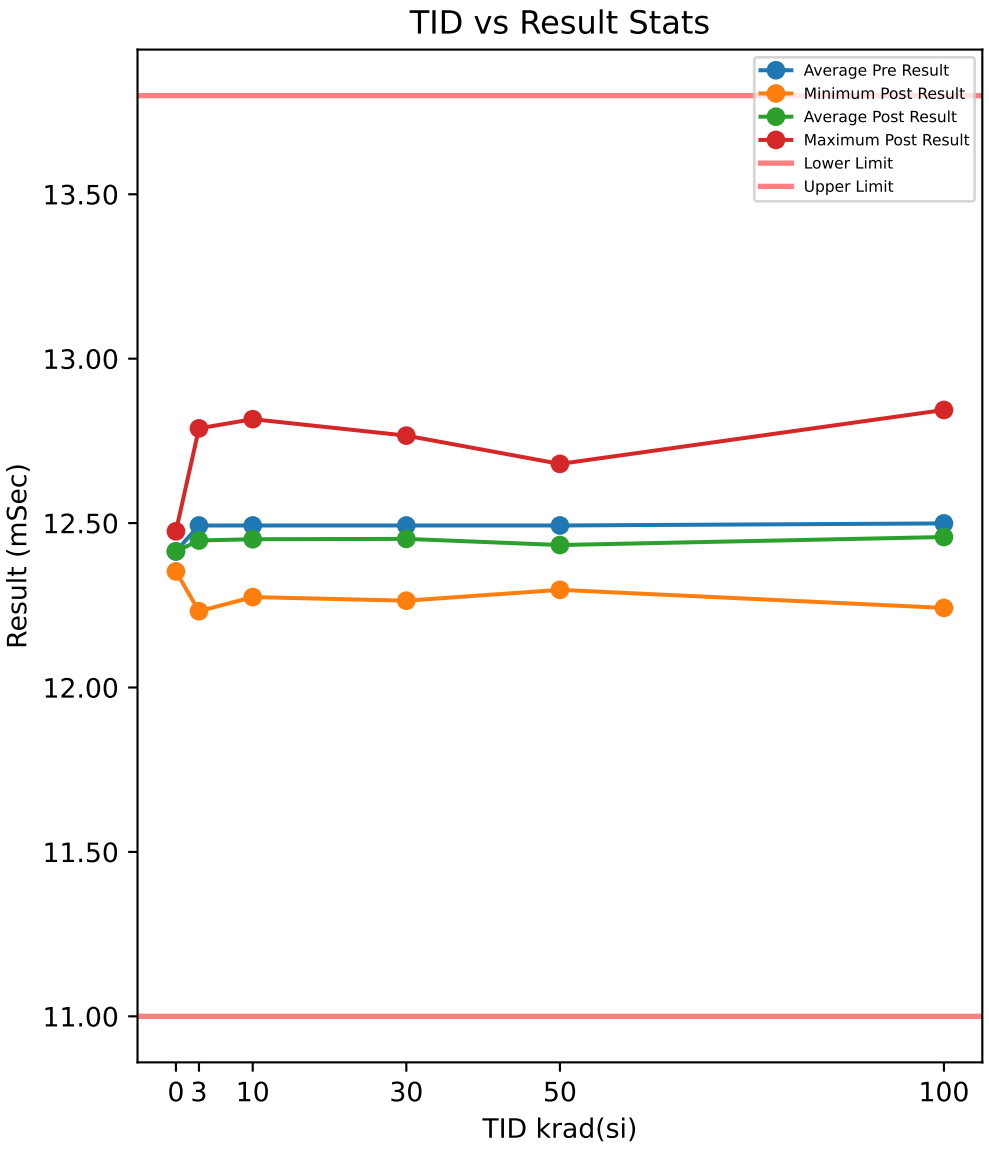
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

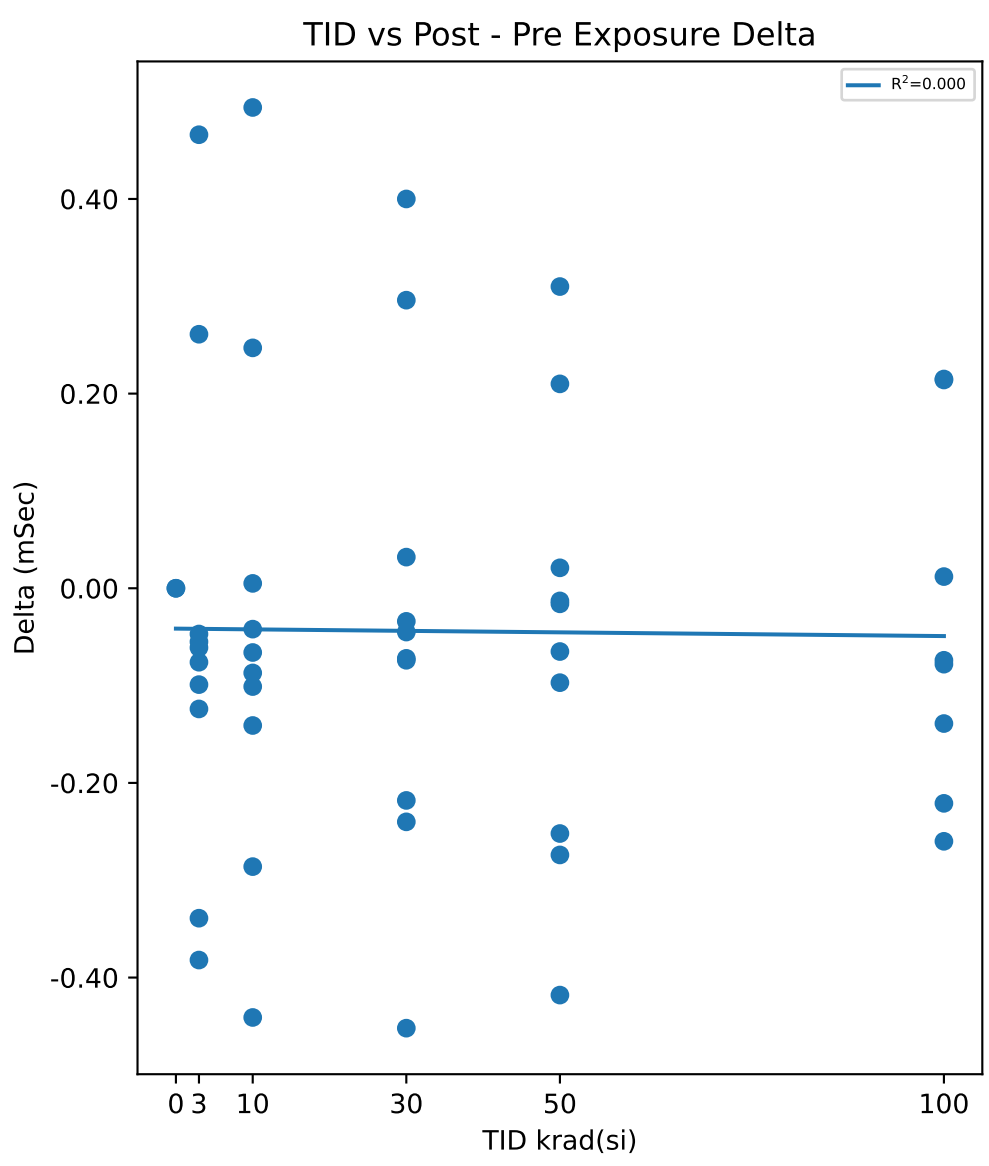
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.333	12.333	0
7	0	Correlation	12.422	12.422	0
16	3	LDR-Biased	12.497	12.655	0.158
18	3	LDR-Biased	12.477	12.396	-0.081
19	3	LDR-Biased	12.428	12.268	-0.16
20	3	LDR-Biased	12.348	12.314	-0.034
21	3	LDR-Biased	12.488	12.431	-0.057
22	3	LDR-Unbiased	12.555	12.539	-0.016
23	3	LDR-Unbiased	12.629	12.253	-0.376
25	3	LDR-Unbiased	12.418	12.456	0.038
26	3	LDR-Unbiased	12.339	12.826	0.487
27	3	LDR-Unbiased	12.742	12.333	-0.409
46	10	LDR-Biased	12.497	12.647	0.15
48	10	LDR-Biased	12.477	12.383	-0.094
49	10	LDR-Biased	12.428	12.31	-0.118
50	10	LDR-Biased	12.348	12.28	-0.068
51	10	LDR-Biased	12.488	12.442	-0.046
52	10	LDR-Unbiased	12.555	12.497	-0.058
53	10	LDR-Unbiased	12.629	12.284	-0.345
55	10	LDR-Unbiased	12.418	12.437	0.019
56	10	LDR-Unbiased	12.339	12.759	0.42
57	10	LDR-Unbiased	12.742	12.359	-0.383
76	30	LDR-Biased	12.497	12.698	0.201
78	30	LDR-Biased	12.477	12.442	-0.035
79	30	LDR-Biased	12.428	12.311	-0.117
80	30	LDR-Biased	12.348	12.317	-0.031
81	30	LDR-Biased	12.488	12.43	-0.058
82	30	LDR-Unbiased	12.555	12.49	-0.065
83	30	LDR-Unbiased	12.629	12.364	-0.265
84	30	LDR-Unbiased	12.742	12.259	-0.483
85	30	LDR-Unbiased	12.418	12.526	0.108
86	30	LDR-Unbiased	12.339	12.646	0.307
87	100	LDR-Biased	12.545	12.56	0.015
88	100	LDR-Biased	12.486	12.272	-0.214
90	100	LDR-Biased	12.454	12.274	-0.18
91	100	LDR-Unbiased	12.554	12.757	0.203
93	100	LDR-Unbiased	12.488	12.197	-0.291
94	100	LDR-Unbiased	12.474	12.407	-0.067
95	100	LDR-Unbiased	12.371	12.482	0.111
96	100	LDR-Unbiased	12.727	12.352	-0.375
106	50	LDR-Biased	12.497	12.719	0.222
108	50	LDR-Biased	12.477	12.459	-0.018
109	50	LDR-Biased	12.428	12.294	-0.134
110	50	LDR-Biased	12.348	12.347	-0.001
111	50	LDR-Biased	12.488	12.437	-0.051
112	50	LDR-Unbiased	12.555	12.436	-0.119
113	50	LDR-Unbiased	12.629	12.352	-0.277
115	50	LDR-Unbiased	12.418	12.435	0.017
116	50	LDR-Unbiased	12.339	12.687	0.348
117	50	LDR-Unbiased	12.742	12.289	-0.453

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.333	12.378	12.422	0.062933	12.333	12.378	12.422	0.062933	0	0	0	0
3	12.339	12.492	12.742	0.12437	12.253	12.447	12.826	0.18217	-0.409	-0.045	0.487	0.25578
10	12.339	12.492	12.742	0.12437	12.28	12.44	12.759	0.15794	-0.383	-0.0523	0.42	0.22864
30	12.339	12.492	12.742	0.12437	12.259	12.448	12.698	0.14477	-0.483	-0.0438	0.307	0.22463
50	12.339	12.492	12.742	0.12437	12.289	12.445	12.719	0.14887	-0.453	-0.0466	0.348	0.22753
100	12.371	12.512	12.727	0.10352	12.197	12.413	12.757	0.18296	-0.375	-0.09975	0.203	0.20076

Device Test: 4.31 treg_Res619K_SENSE4/SENSE4/7/3/0/619K/0/@REG_TIME_500KOHM





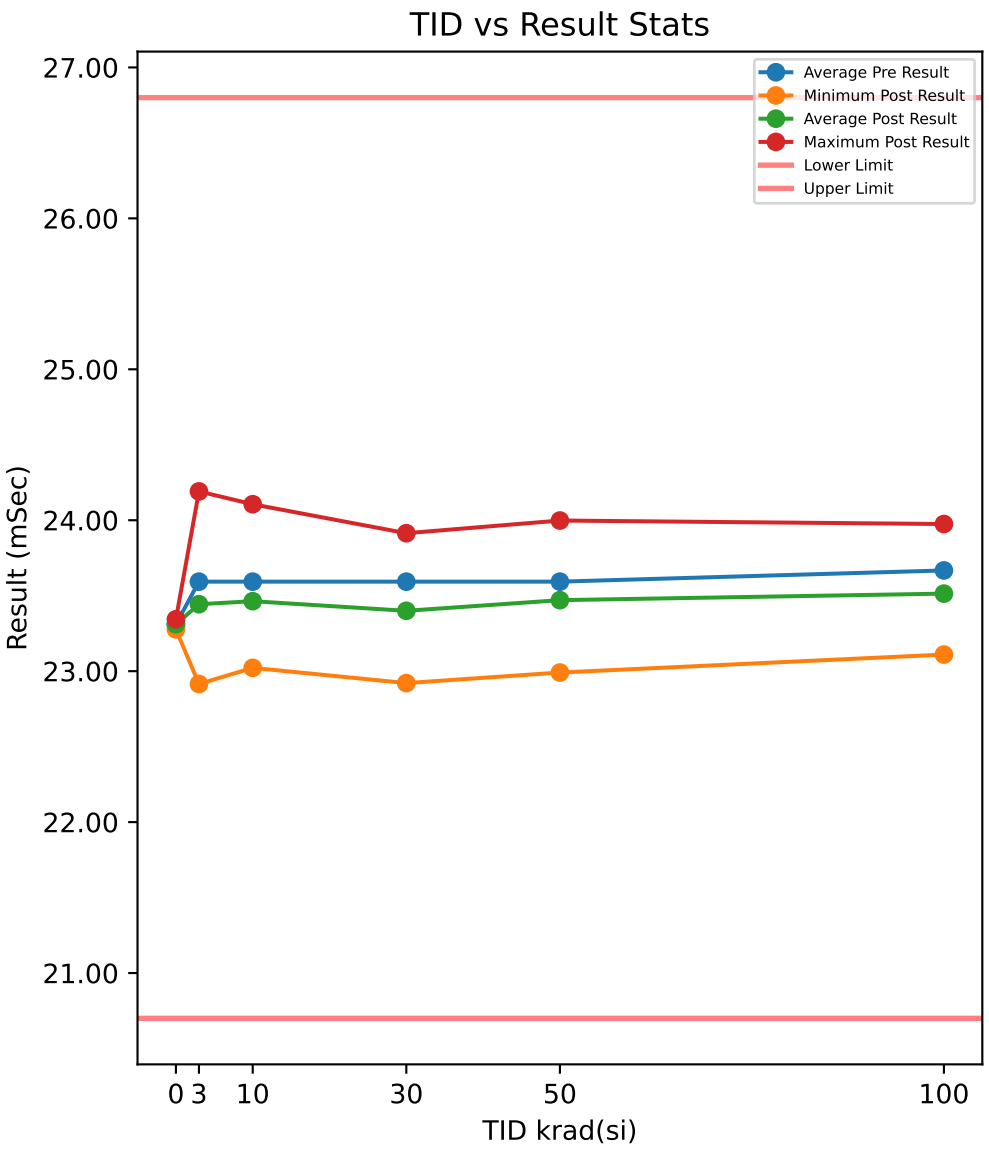
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

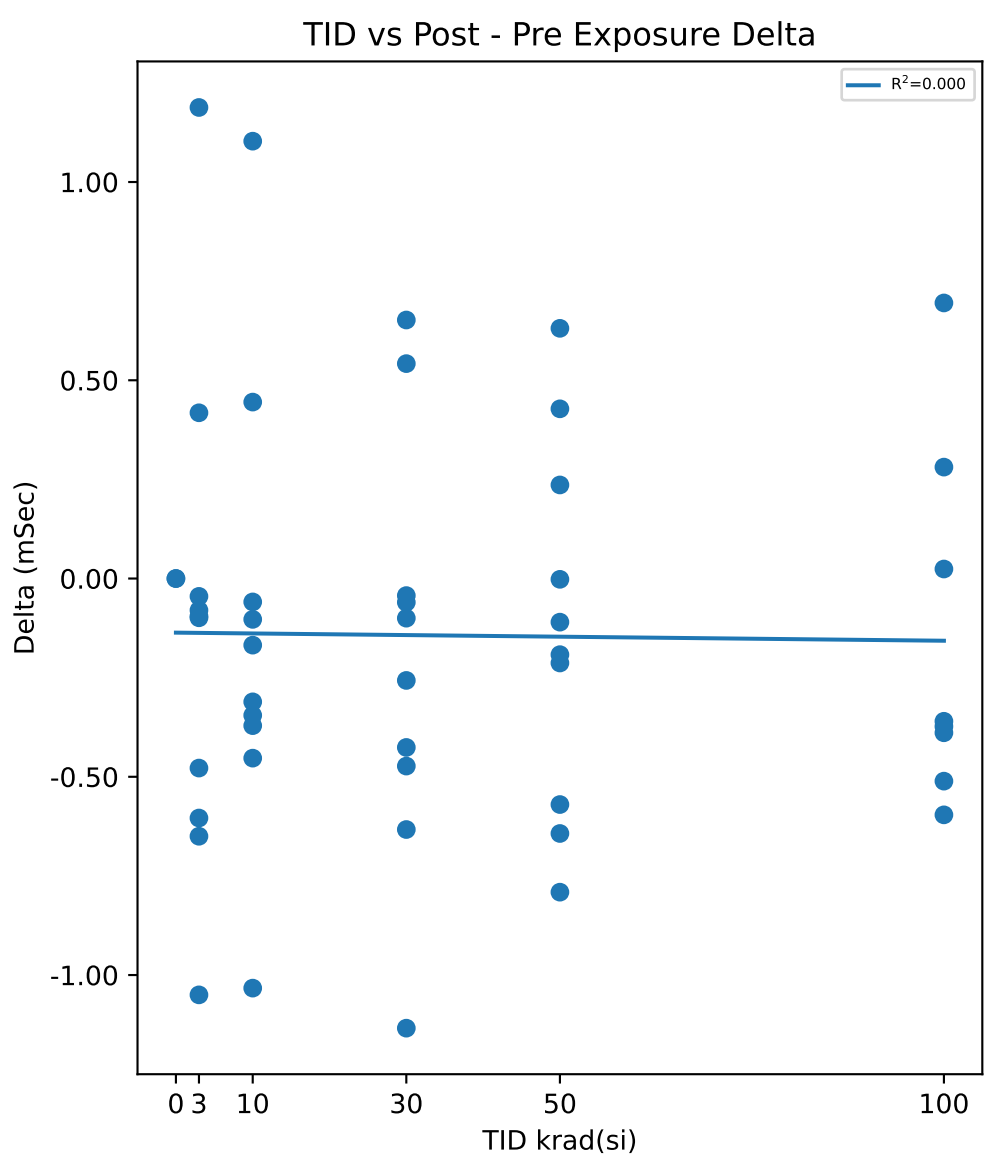
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.353	12.353	0
7	0	Correlation	12.475	12.475	0
16	3	LDR-Biased	12.47	12.731	0.261
18	3	LDR-Biased	12.451	12.375	-0.076
19	3	LDR-Biased	12.404	12.343	-0.061
20	3	LDR-Biased	12.421	12.322	-0.099
21	3	LDR-Biased	12.464	12.409	-0.055
22	3	LDR-Unbiased	12.63	12.506	-0.124
23	3	LDR-Unbiased	12.571	12.232	-0.339
25	3	LDR-Unbiased	12.478	12.431	-0.047
26	3	LDR-Unbiased	12.322	12.788	0.466
27	3	LDR-Unbiased	12.716	12.334	-0.382
46	10	LDR-Biased	12.47	12.717	0.247
48	10	LDR-Biased	12.451	12.456	0.005
49	10	LDR-Biased	12.404	12.317	-0.087
50	10	LDR-Biased	12.421	12.32	-0.101
51	10	LDR-Biased	12.464	12.398	-0.066
52	10	LDR-Unbiased	12.63	12.489	-0.141
53	10	LDR-Unbiased	12.571	12.285	-0.286
55	10	LDR-Unbiased	12.478	12.436	-0.042
56	10	LDR-Unbiased	12.322	12.816	0.494
57	10	LDR-Unbiased	12.716	12.275	-0.441
76	30	LDR-Biased	12.47	12.766	0.296
78	30	LDR-Biased	12.451	12.406	-0.045
79	30	LDR-Biased	12.404	12.37	-0.034
80	30	LDR-Biased	12.421	12.347	-0.074
81	30	LDR-Biased	12.464	12.392	-0.072
82	30	LDR-Unbiased	12.63	12.412	-0.218
83	30	LDR-Unbiased	12.571	12.331	-0.24
84	30	LDR-Unbiased	12.716	12.264	-0.452
85	30	LDR-Unbiased	12.478	12.51	0.032
86	30	LDR-Unbiased	12.322	12.722	0.4
87	100	LDR-Biased	12.524	12.536	0.012
88	100	LDR-Biased	12.472	12.333	-0.139
90	100	LDR-Biased	12.418	12.344	-0.074
91	100	LDR-Unbiased	12.63	12.844	0.214
93	100	LDR-Unbiased	12.463	12.242	-0.221
94	100	LDR-Unbiased	12.457	12.379	-0.078
95	100	LDR-Unbiased	12.338	12.553	0.215
96	100	LDR-Unbiased	12.69	12.43	-0.26
106	50	LDR-Biased	12.47	12.68	0.21
108	50	LDR-Biased	12.451	12.438	-0.013
109	50	LDR-Biased	12.404	12.339	-0.065
110	50	LDR-Biased	12.421	12.324	-0.097
111	50	LDR-Biased	12.464	12.448	-0.016
112	50	LDR-Unbiased	12.63	12.378	-0.252
113	50	LDR-Unbiased	12.571	12.297	-0.274
115	50	LDR-Unbiased	12.478	12.499	0.021
116	50	LDR-Unbiased	12.322	12.632	0.31
117	50	LDR-Unbiased	12.716	12.298	-0.418

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.353	12.414	12.475	0.086267	12.353	12.414	12.475	0.086267	0	0	0	0
3	12.322	12.493	12.716	0.11561	12.232	12.447	12.788	0.18035	-0.382	-0.0456	0.466	0.25061
10	12.322	12.493	12.716	0.11561	12.275	12.451	12.816	0.18322	-0.441	-0.0418	0.494	0.25984
30	12.322	12.493	12.716	0.11561	12.264	12.452	12.766	0.16664	-0.452	-0.0407	0.4	0.2484
50	12.322	12.493	12.716	0.11561	12.297	12.433	12.68	0.13568	-0.418	-0.0594	0.31	0.21927
100	12.338	12.499	12.69	0.11373	12.242	12.458	12.844	0.18762	-0.26	-0.041375	0.215	0.1796

Device Test: 4.32 treg_Res1p18M_SENSE1/SENSE1/7/3/0/1.18M/0/@REG_TIME_1MOHM





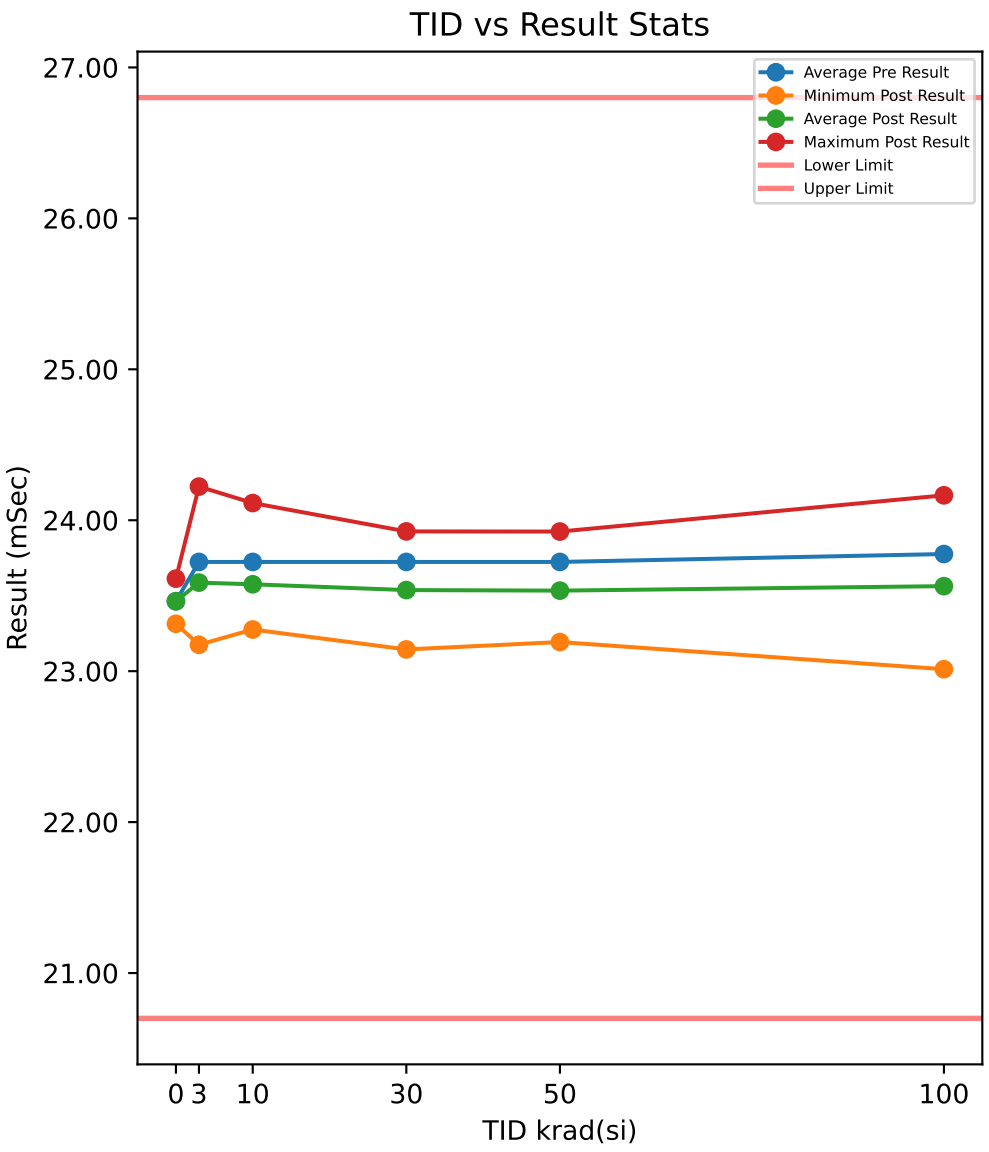
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

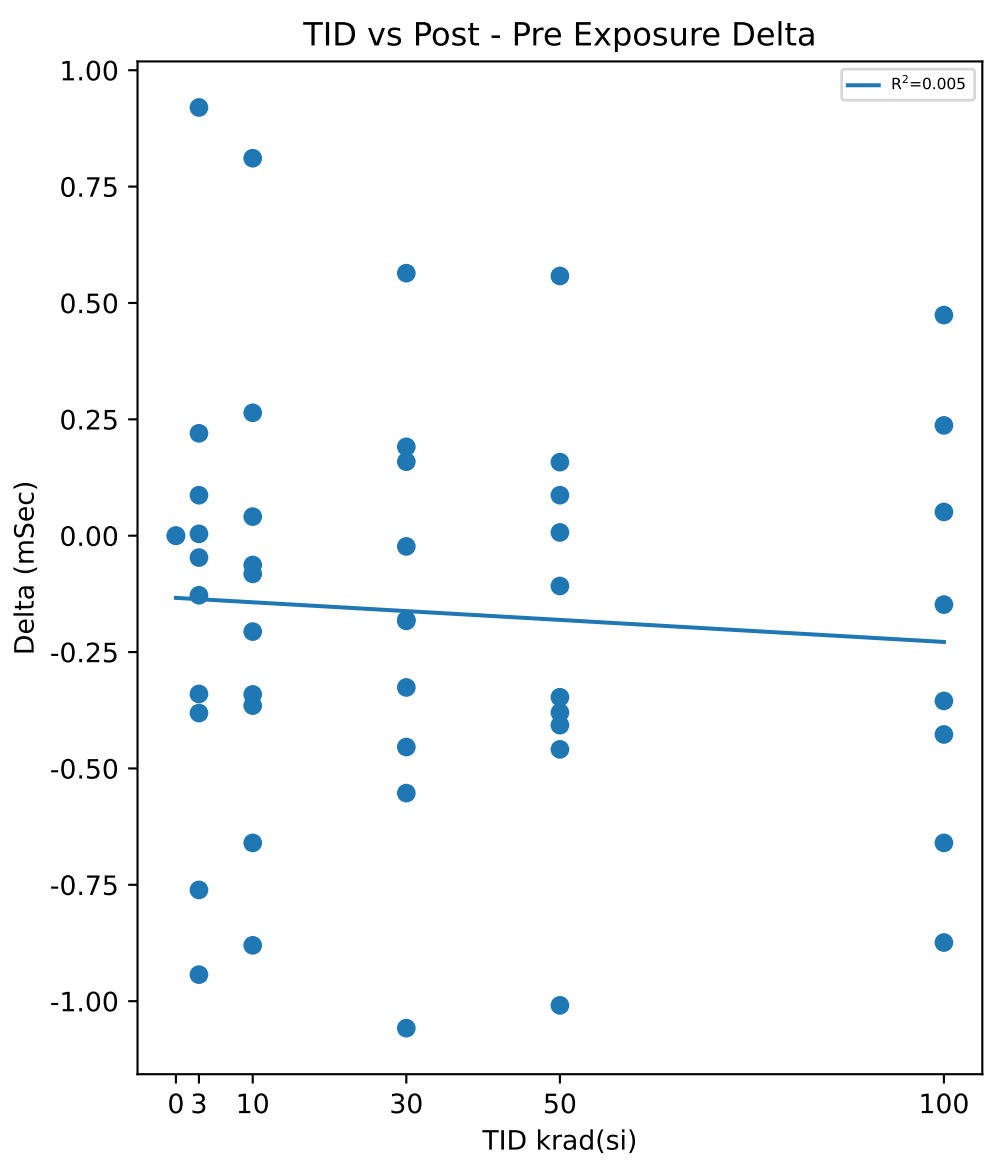
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.277	23.277	0
7	0	Correlation	23.344	23.344	0
16	3	LDR-Biased	23.762	23.667	-0.095
18	3	LDR-Biased	23.64	23.595	-0.045
19	3	LDR-Biased	23.634	23.03	-0.604
20	3	LDR-Biased	23.165	23.066	-0.099
21	3	LDR-Biased	23.789	23.311	-0.478
22	3	LDR-Unbiased	23.946	23.866	-0.08
23	3	LDR-Unbiased	23.565	22.915	-0.65
25	3	LDR-Unbiased	23.372	23.79	0.418
26	3	LDR-Unbiased	23.003	24.191	1.188
27	3	LDR-Unbiased	24.055	23.005	-1.05
46	10	LDR-Biased	23.762	23.594	-0.168
48	10	LDR-Biased	23.64	23.269	-0.371
49	10	LDR-Biased	23.634	23.289	-0.345
50	10	LDR-Biased	23.165	23.106	-0.059
51	10	LDR-Biased	23.789	23.336	-0.453
52	10	LDR-Unbiased	23.946	23.843	-0.103
53	10	LDR-Unbiased	23.565	23.254	-0.311
55	10	LDR-Unbiased	23.372	23.817	0.445
56	10	LDR-Unbiased	23.003	24.106	1.103
57	10	LDR-Unbiased	24.055	23.022	-1.033
76	30	LDR-Biased	23.762	23.702	-0.06
78	30	LDR-Biased	23.64	23.597	-0.043
79	30	LDR-Biased	23.634	23.001	-0.633
80	30	LDR-Biased	23.165	23.065	-0.1
81	30	LDR-Biased	23.789	23.532	-0.257
82	30	LDR-Unbiased	23.946	23.473	-0.473
83	30	LDR-Unbiased	23.565	23.139	-0.426
84	30	LDR-Unbiased	24.055	22.921	-1.134
85	30	LDR-Unbiased	23.372	23.914	0.542
86	30	LDR-Unbiased	23.003	23.655	0.652
87	100	LDR-Biased	23.652	23.676	0.024
88	100	LDR-Biased	23.783	23.272	-0.511
90	100	LDR-Biased	23.639	23.279	-0.36
91	100	LDR-Unbiased	23.694	23.975	0.281
93	100	LDR-Unbiased	23.499	23.11	-0.389
94	100	LDR-Unbiased	23.765	23.392	-0.373
95	100	LDR-Unbiased	23.253	23.948	0.695
96	100	LDR-Unbiased	24.054	23.458	-0.596
106	50	LDR-Biased	23.762	23.998	0.236
108	50	LDR-Biased	23.64	23.448	-0.192
109	50	LDR-Biased	23.634	22.991	-0.643
110	50	LDR-Biased	23.165	23.163	-0.002
111	50	LDR-Biased	23.789	23.576	-0.213
112	50	LDR-Unbiased	23.946	23.376	-0.57
113	50	LDR-Unbiased	23.565	23.455	-0.11
115	50	LDR-Unbiased	23.372	23.8	0.428
116	50	LDR-Unbiased	23.003	23.634	0.631
117	50	LDR-Unbiased	24.055	23.264	-0.791

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.277	23.311	23.344	0.047376	23.277	23.311	23.344	0.047376	0	0	0	0
3	23.003	23.593	24.055	0.33163	22.915	23.444	24.191	0.43879	-1.05	-0.1495	1.188	0.62433
10	23.003	23.593	24.055	0.33163	23.022	23.464	24.106	0.35746	-1.033	-0.1295	1.103	0.56911
30	23.003	23.593	24.055	0.33163	22.921	23.4	23.914	0.34172	-1.134	-0.1932	0.652	0.52904
50	23.003	23.593	24.055	0.33163	22.991	23.471	23.998	0.29842	-0.791	-0.1226	0.631	0.46489
100	23.253	23.667	24.054	0.2312	23.11	23.514	23.975	0.32119	-0.596	-0.15363	0.695	0.44883

Device Test: 4.33 treg_Res1p18M_SENSE2/SENSE2/7/3/0/1.18M/0/@REG_TIME_1MOHM





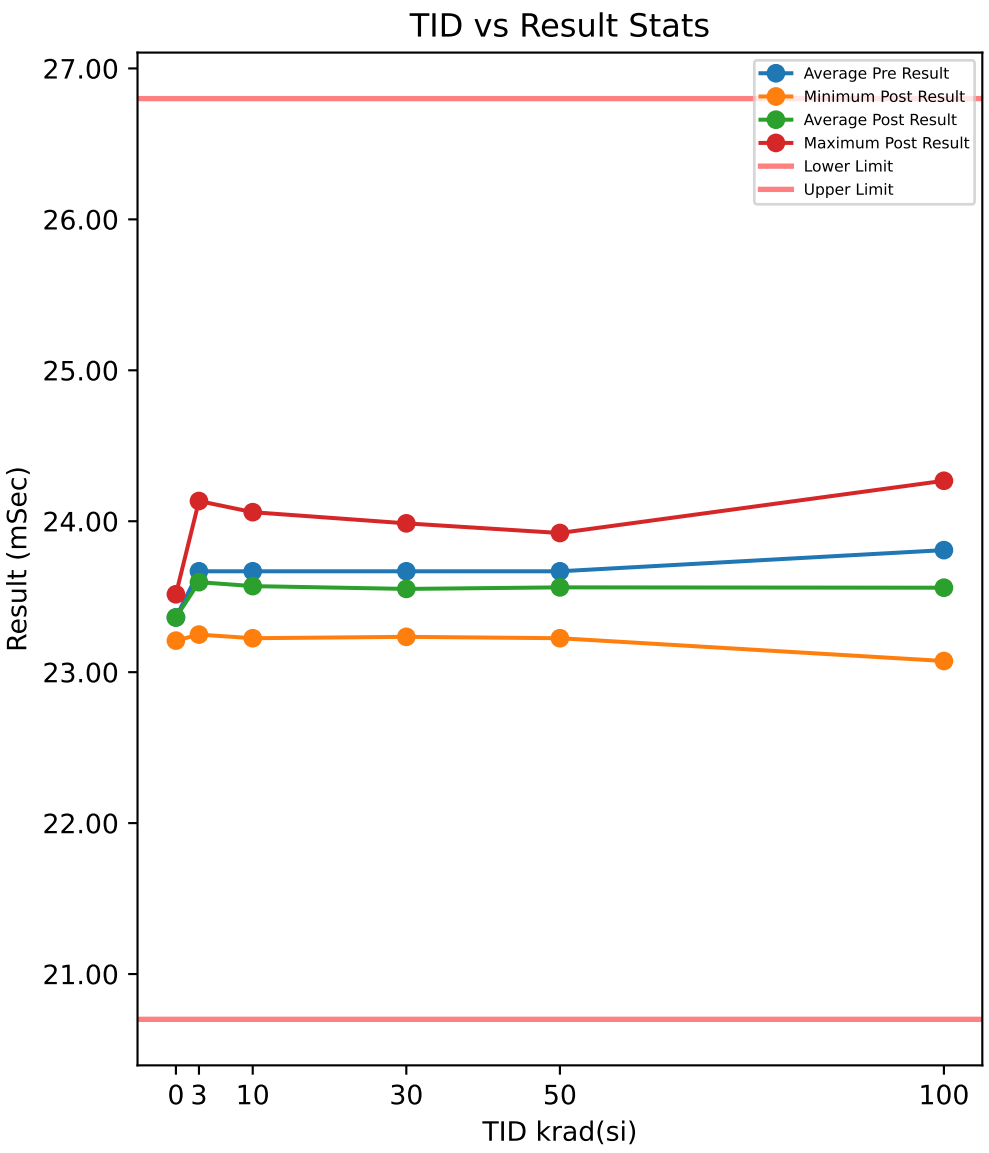
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

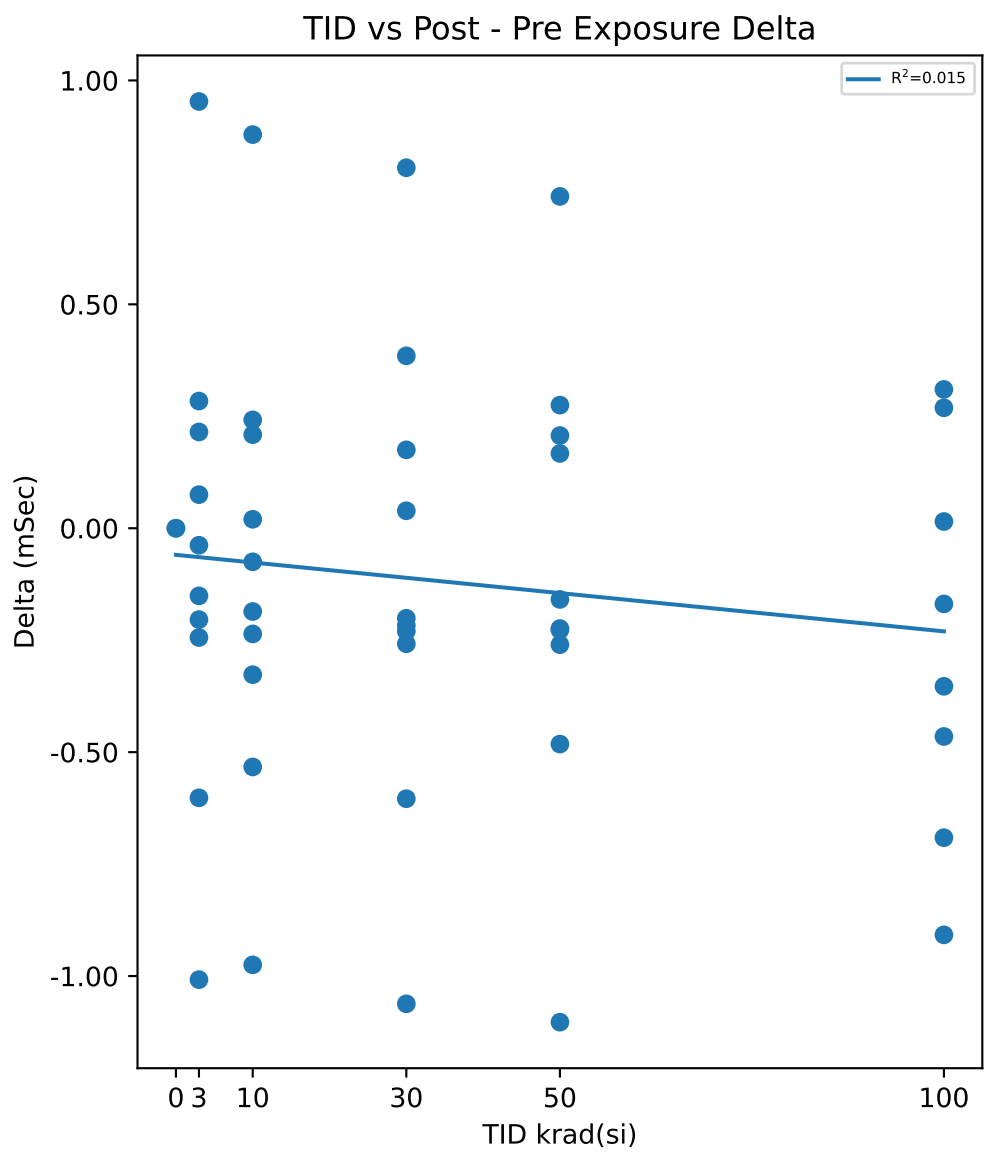
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.314	23.314	0
7	0	Correlation	23.613	23.613	0
16	3	LDR-Biased	23.767	23.854	0.087
18	3	LDR-Biased	23.655	23.527	-0.128
19	3	LDR-Biased	23.644	23.263	-0.381
20	3	LDR-Biased	23.378	23.382	0.004
21	3	LDR-Biased	23.846	23.506	-0.34
22	3	LDR-Unbiased	23.929	23.882	-0.047
23	3	LDR-Unbiased	23.936	23.175	-0.761
25	3	LDR-Unbiased	23.577	23.797	0.22
26	3	LDR-Unbiased	23.303	24.223	0.92
27	3	LDR-Unbiased	24.202	23.259	-0.943
46	10	LDR-Biased	23.767	23.808	0.041
48	10	LDR-Biased	23.655	23.449	-0.206
49	10	LDR-Biased	23.644	23.303	-0.341
50	10	LDR-Biased	23.378	23.315	-0.063
51	10	LDR-Biased	23.846	23.481	-0.365
52	10	LDR-Unbiased	23.929	23.847	-0.082
53	10	LDR-Unbiased	23.936	23.276	-0.66
55	10	LDR-Unbiased	23.577	23.841	0.264
56	10	LDR-Unbiased	23.303	24.114	0.811
57	10	LDR-Unbiased	24.202	23.322	-0.88
76	30	LDR-Biased	23.767	23.926	0.159
78	30	LDR-Biased	23.655	23.474	-0.181
79	30	LDR-Biased	23.644	23.318	-0.326
80	30	LDR-Biased	23.378	23.355	-0.023
81	30	LDR-Biased	23.846	23.392	-0.454
82	30	LDR-Unbiased	23.929	23.746	-0.183
83	30	LDR-Unbiased	23.936	23.383	-0.553
84	30	LDR-Unbiased	24.202	23.144	-1.058
85	30	LDR-Unbiased	23.577	23.768	0.191
86	30	LDR-Unbiased	23.303	23.867	0.564
87	100	LDR-Biased	23.816	23.867	0.051
88	100	LDR-Biased	23.742	23.315	-0.427
90	100	LDR-Biased	23.659	23.304	-0.355
91	100	LDR-Unbiased	23.928	24.165	0.237
93	100	LDR-Unbiased	23.673	23.013	-0.66
94	100	LDR-Unbiased	23.715	23.567	-0.148
95	100	LDR-Unbiased	23.462	23.936	0.474
96	100	LDR-Unbiased	24.214	23.34	-0.874
106	50	LDR-Biased	23.767	23.925	0.158
108	50	LDR-Biased	23.655	23.662	0.007
109	50	LDR-Biased	23.644	23.297	-0.347
110	50	LDR-Biased	23.378	23.27	-0.108
111	50	LDR-Biased	23.846	23.439	-0.407
112	50	LDR-Unbiased	23.929	23.549	-0.38
113	50	LDR-Unbiased	23.936	23.477	-0.459
115	50	LDR-Unbiased	23.577	23.664	0.087
116	50	LDR-Unbiased	23.303	23.861	0.558
117	50	LDR-Unbiased	24.202	23.193	-1.009

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.314	23.463	23.613	0.21142	23.314	23.463	23.613	0.21142	0	0	0	0
3	23.303	23.724	24.202	0.27119	23.175	23.587	24.223	0.34016	-0.943	-0.1369	0.92	0.5231
10	23.303	23.724	24.202	0.27119	23.276	23.576	24.114	0.29986	-0.88	-0.1481	0.811	0.47404
30	23.303	23.724	24.202	0.27119	23.144	23.537	23.926	0.26698	-1.058	-0.1864	0.564	0.45176
50	23.303	23.724	24.202	0.27119	23.193	23.534	23.925	0.2467	-1.009	-0.19	0.558	0.42867
100	23.462	23.776	24.214	0.22178	23.013	23.563	24.165	0.39184	-0.874	-0.21275	0.474	0.4553

Device Test: 4.34 treg_Res1p18M_SENSE3/SENSE3/7/3/0/1.18M/0/@REG_TIME_1MOHM





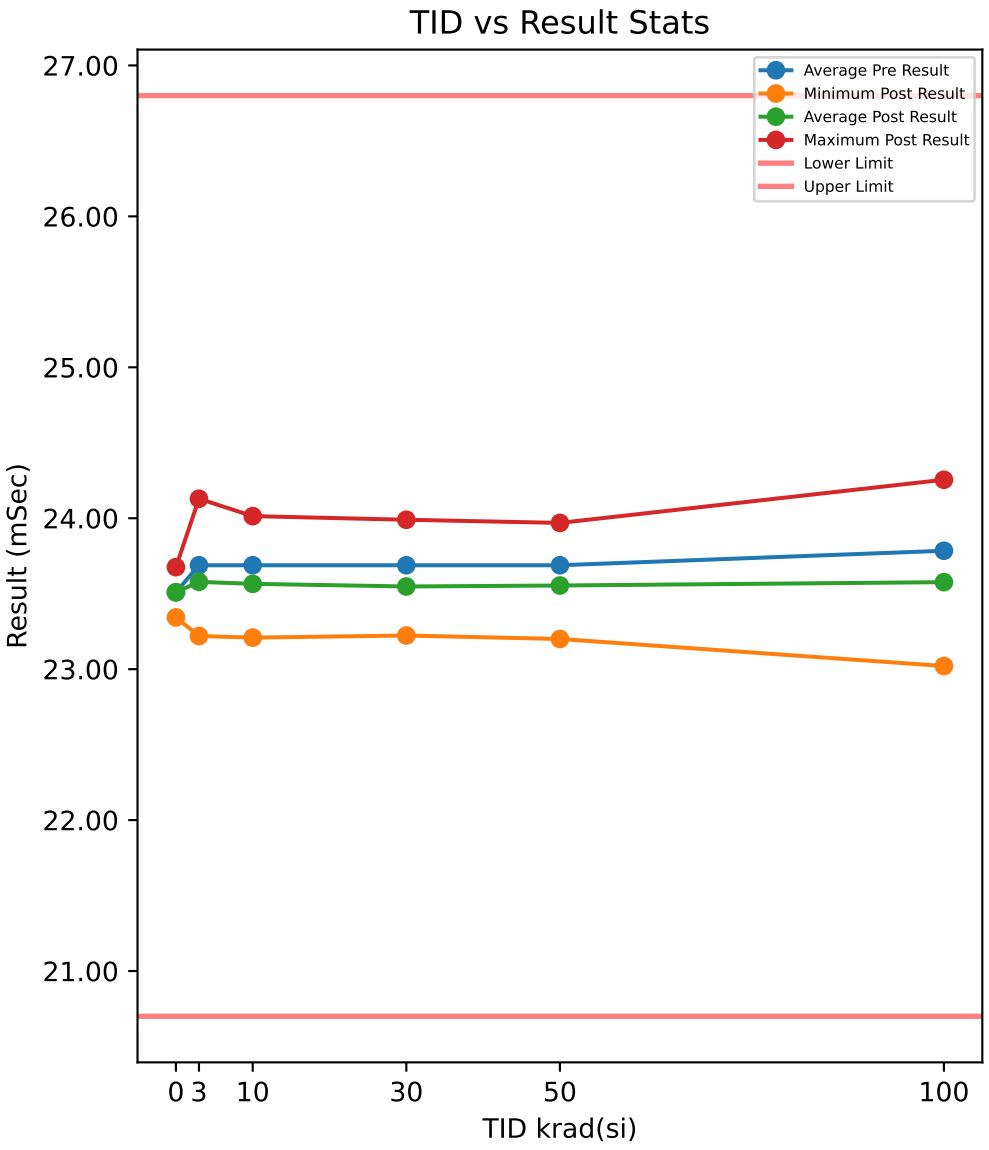
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.209	23.209	0
7	0	Correlation	23.516	23.516	0
16	3	LDR-Biased	23.672	23.956	0.284
18	3	LDR-Biased	23.533	23.608	0.075
19	3	LDR-Biased	23.552	23.308	-0.244
20	3	LDR-Biased	23.464	23.26	-0.204
21	3	LDR-Biased	23.774	23.623	-0.151
22	3	LDR-Unbiased	23.846	23.808	-0.038
23	3	LDR-Unbiased	23.851	23.249	-0.602
25	3	LDR-Unbiased	23.483	23.698	0.215
26	3	LDR-Unbiased	23.181	24.134	0.953
27	3	LDR-Unbiased	24.328	23.32	-1.008
46	10	LDR-Biased	23.672	23.881	0.209
48	10	LDR-Biased	23.533	23.553	0.02
49	10	LDR-Biased	23.552	23.225	-0.327
50	10	LDR-Biased	23.464	23.228	-0.236
51	10	LDR-Biased	23.774	23.588	-0.186
52	10	LDR-Unbiased	23.846	23.771	-0.075
53	10	LDR-Unbiased	23.851	23.318	-0.533
55	10	LDR-Unbiased	23.483	23.725	0.242
56	10	LDR-Unbiased	23.181	24.06	0.879
57	10	LDR-Unbiased	24.328	23.353	-0.975
76	30	LDR-Biased	23.672	23.847	0.175
78	30	LDR-Biased	23.533	23.572	0.039
79	30	LDR-Biased	23.552	23.351	-0.201
80	30	LDR-Biased	23.464	23.234	-0.23
81	30	LDR-Biased	23.774	23.516	-0.258
82	30	LDR-Unbiased	23.846	23.629	-0.217
83	30	LDR-Unbiased	23.851	23.247	-0.604
84	30	LDR-Unbiased	24.328	23.266	-1.062
85	30	LDR-Unbiased	23.483	23.868	0.385
86	30	LDR-Unbiased	23.181	23.986	0.805
87	100	LDR-Biased	23.939	23.954	0.015
88	100	LDR-Biased	23.67	23.205	-0.465
90	100	LDR-Biased	23.561	23.208	-0.353
91	100	LDR-Unbiased	23.999	24.268	0.269
93	100	LDR-Unbiased	23.765	23.074	-0.691
94	100	LDR-Unbiased	23.659	23.49	-0.169
95	100	LDR-Unbiased	23.548	23.858	0.31
96	100	LDR-Unbiased	24.328	23.42	-0.908
106	50	LDR-Biased	23.672	23.839	0.167
108	50	LDR-Biased	23.533	23.74	0.207
109	50	LDR-Biased	23.552	23.292	-0.26
110	50	LDR-Biased	23.464	23.305	-0.159
111	50	LDR-Biased	23.774	23.547	-0.227
112	50	LDR-Unbiased	23.846	23.622	-0.224
113	50	LDR-Unbiased	23.851	23.369	-0.482
115	50	LDR-Unbiased	23.483	23.758	0.275
116	50	LDR-Unbiased	23.181	23.922	0.741
117	50	LDR-Unbiased	24.328	23.225	-1.103

Test Statistics (mSec)

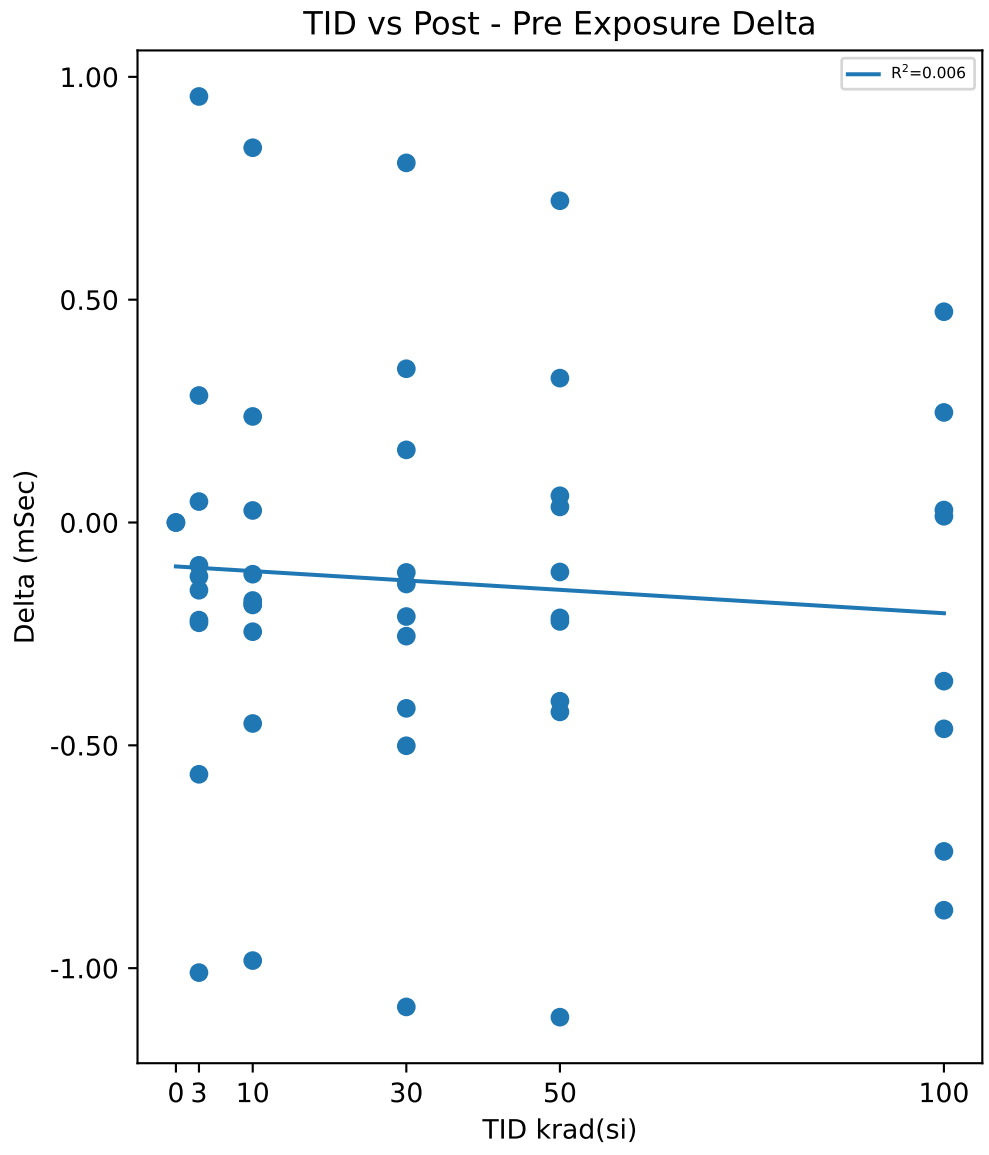
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.209	23.362	23.516	0.21708	23.209	23.362	23.516	0.21708	0	0	0	0
3	23.181	23.668	24.328	0.30853	23.249	23.596	24.134	0.3105	-1.008	-0.072	0.953	0.52628
10	23.181	23.668	24.328	0.30853	23.225	23.57	24.06	0.28838	-0.975	-0.0982	0.879	0.49625
30	23.181	23.668	24.328	0.30853	23.234	23.552	23.986	0.27873	-1.062	-0.1168	0.805	0.51549
50	23.181	23.668	24.328	0.30853	23.225	23.562	23.922	0.25167	-1.103	-0.1065	0.741	0.49727
100	23.548	23.809	24.328	0.26612	23.074	23.56	24.268	0.42358	-0.908	-0.249	0.31	0.43818

Device Test: 4.35 treg_Res1p18M_SENSE4/SENSE4/7/3/0/1.18M/0/@REG_TIME_1MOHM



Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

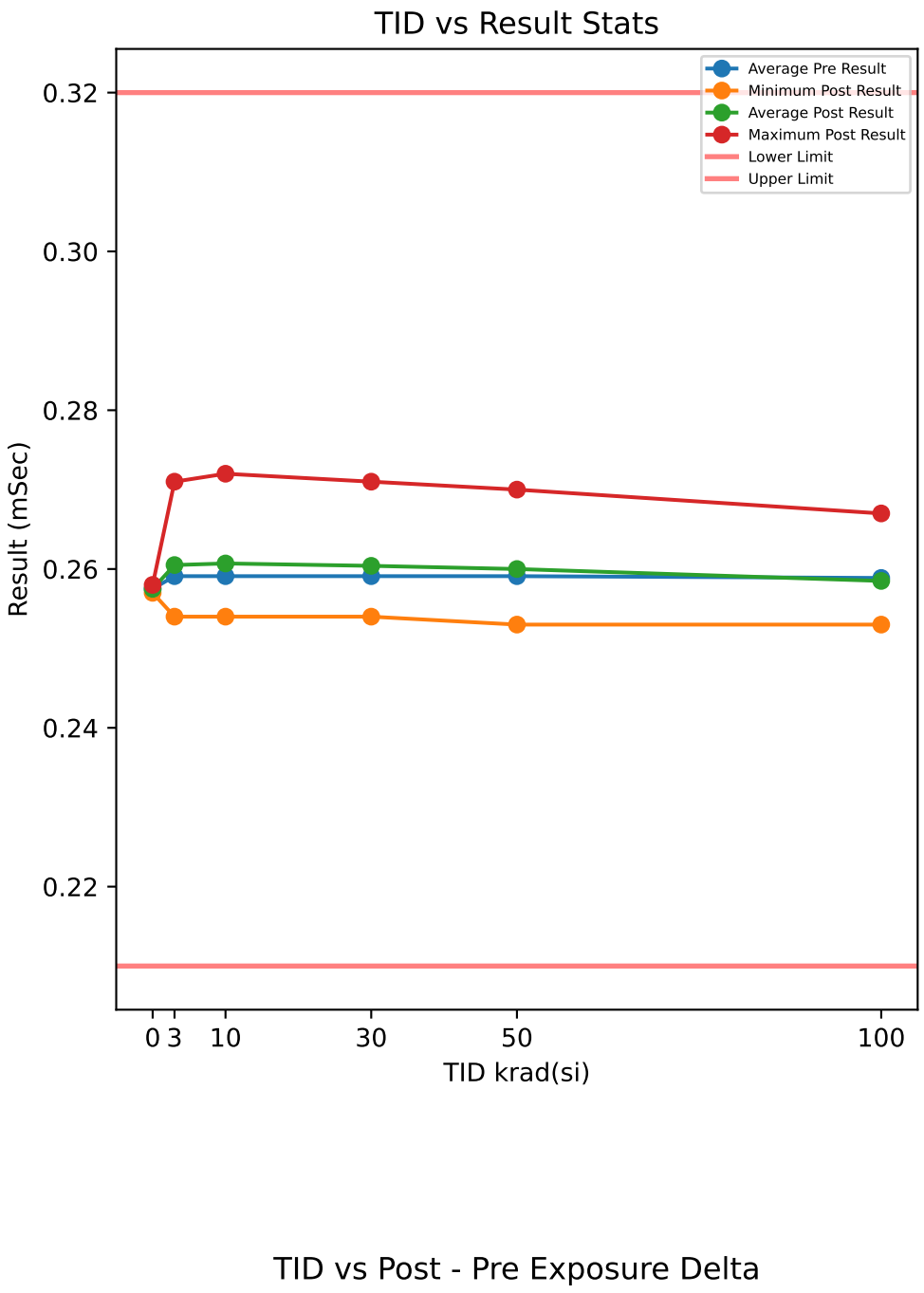
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.343	23.343	0
7	0	Correlation	23.676	23.676	0
16	3	LDR-Biased	23.645	23.93	0.285
18	3	LDR-Biased	23.66	23.564	-0.096
19	3	LDR-Biased	23.527	23.308	-0.219
20	3	LDR-Biased	23.384	23.263	-0.121
21	3	LDR-Biased	23.745	23.593	-0.152
22	3	LDR-Unbiased	24.013	23.788	-0.225
23	3	LDR-Unbiased	23.785	23.22	-0.565
25	3	LDR-Unbiased	23.643	23.69	0.047
26	3	LDR-Unbiased	23.173	24.129	0.956
27	3	LDR-Unbiased	24.31	23.3	-1.01
46	10	LDR-Biased	23.645	23.883	0.238
48	10	LDR-Biased	23.66	23.544	-0.116
49	10	LDR-Biased	23.527	23.342	-0.185
50	10	LDR-Biased	23.384	23.209	-0.175
51	10	LDR-Biased	23.745	23.562	-0.183
52	10	LDR-Unbiased	24.013	23.768	-0.245
53	10	LDR-Unbiased	23.785	23.334	-0.451
55	10	LDR-Unbiased	23.643	23.67	0.027
56	10	LDR-Unbiased	23.173	24.014	0.841
57	10	LDR-Unbiased	24.31	23.327	-0.983
76	30	LDR-Biased	23.645	23.99	0.345
78	30	LDR-Biased	23.66	23.548	-0.112
79	30	LDR-Biased	23.527	23.316	-0.211
80	30	LDR-Biased	23.384	23.246	-0.138
81	30	LDR-Biased	23.745	23.49	-0.255
82	30	LDR-Unbiased	24.013	23.596	-0.417
83	30	LDR-Unbiased	23.785	23.284	-0.501
84	30	LDR-Unbiased	24.31	23.223	-1.087
85	30	LDR-Unbiased	23.643	23.806	0.163
86	30	LDR-Unbiased	23.173	23.98	0.807
87	100	LDR-Biased	23.915	23.943	0.028
88	100	LDR-Biased	23.64	23.177	-0.463
90	100	LDR-Biased	23.539	23.183	-0.356
91	100	LDR-Unbiased	24.008	24.255	0.247
93	100	LDR-Unbiased	23.759	23.021	-0.738
94	100	LDR-Unbiased	23.646	23.66	0.014
95	100	LDR-Unbiased	23.506	23.979	0.473
96	100	LDR-Unbiased	24.264	23.394	-0.87
106	50	LDR-Biased	23.645	23.969	0.324
108	50	LDR-Biased	23.66	23.695	0.035
109	50	LDR-Biased	23.527	23.313	-0.214
110	50	LDR-Biased	23.384	23.273	-0.111
111	50	LDR-Biased	23.745	23.523	-0.222
112	50	LDR-Unbiased	24.013	23.588	-0.425
113	50	LDR-Unbiased	23.785	23.384	-0.401
115	50	LDR-Unbiased	23.643	23.703	0.06
116	50	LDR-Unbiased	23.173	23.895	0.722
117	50	LDR-Unbiased	24.31	23.2	-1.11

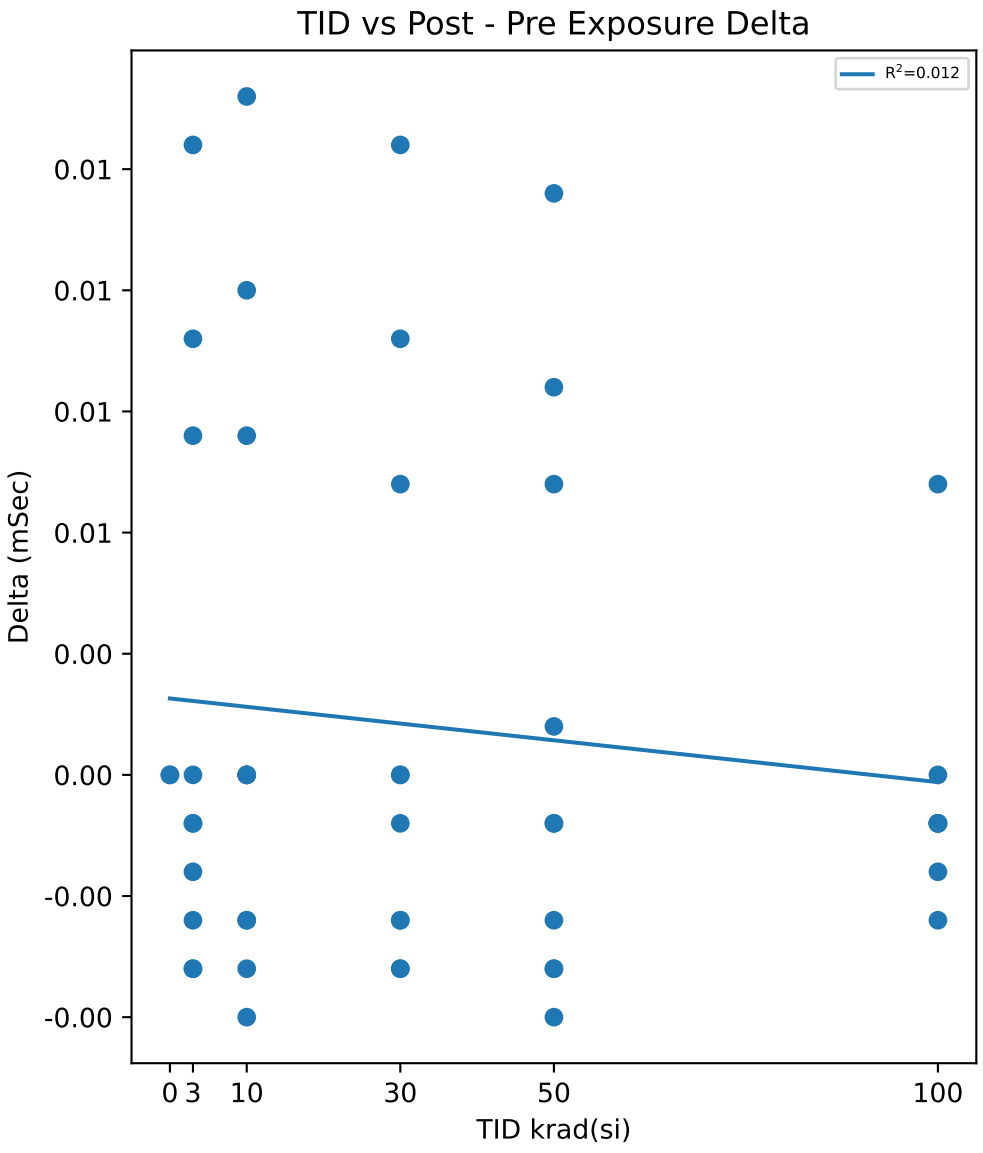


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.343	23.509	23.676	0.23547	23.343	23.509	23.676	0.23547	0	0	0	0
3	23.173	23.688	24.31	0.31506	23.22	23.578	24.129	0.30951	-1.01	-0.11	0.956	0.51221
10	23.173	23.688	24.31	0.31506	23.209	23.565	24.014	0.26706	-0.983	-0.1232	0.841	0.466
30	23.173	23.688	24.31	0.31506	23.223	23.548	23.99	0.29337	-1.087	-0.1406	0.807	0.51064
50	23.173	23.688	24.31	0.31506	23.2	23.554	23.969	0.2633	-1.11	-0.1342	0.722	0.4867
100	23.506	23.785	24.264	0.26062	23.021	23.576	24.255	0.4504	-0.87	-0.20813	0.473	0.47537

Device Test: 4.36 treg_Res10p5K_SENSE1/SENSE1/7/14/0/10.5K/0/@REG_TIME_10KOHM





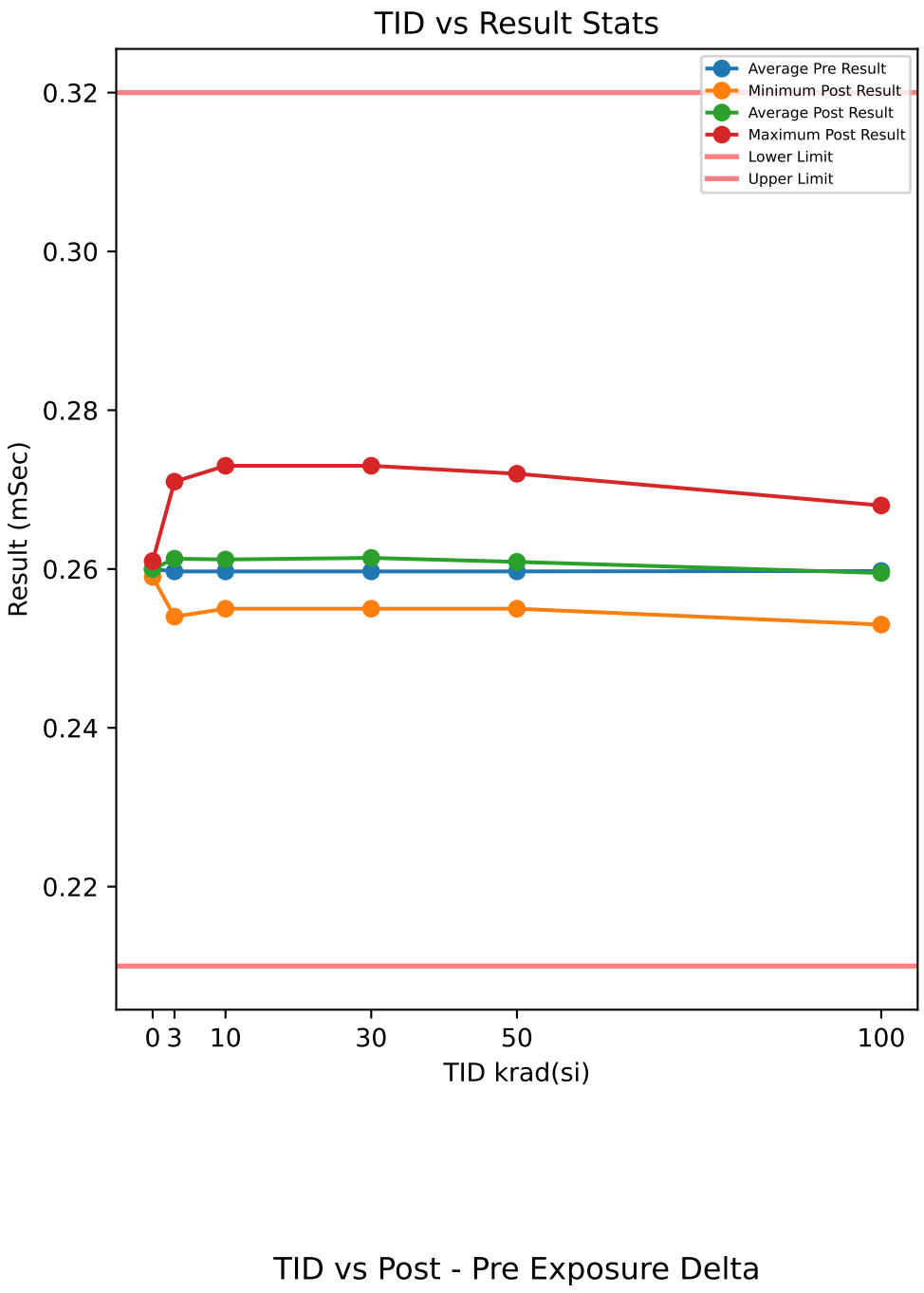
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

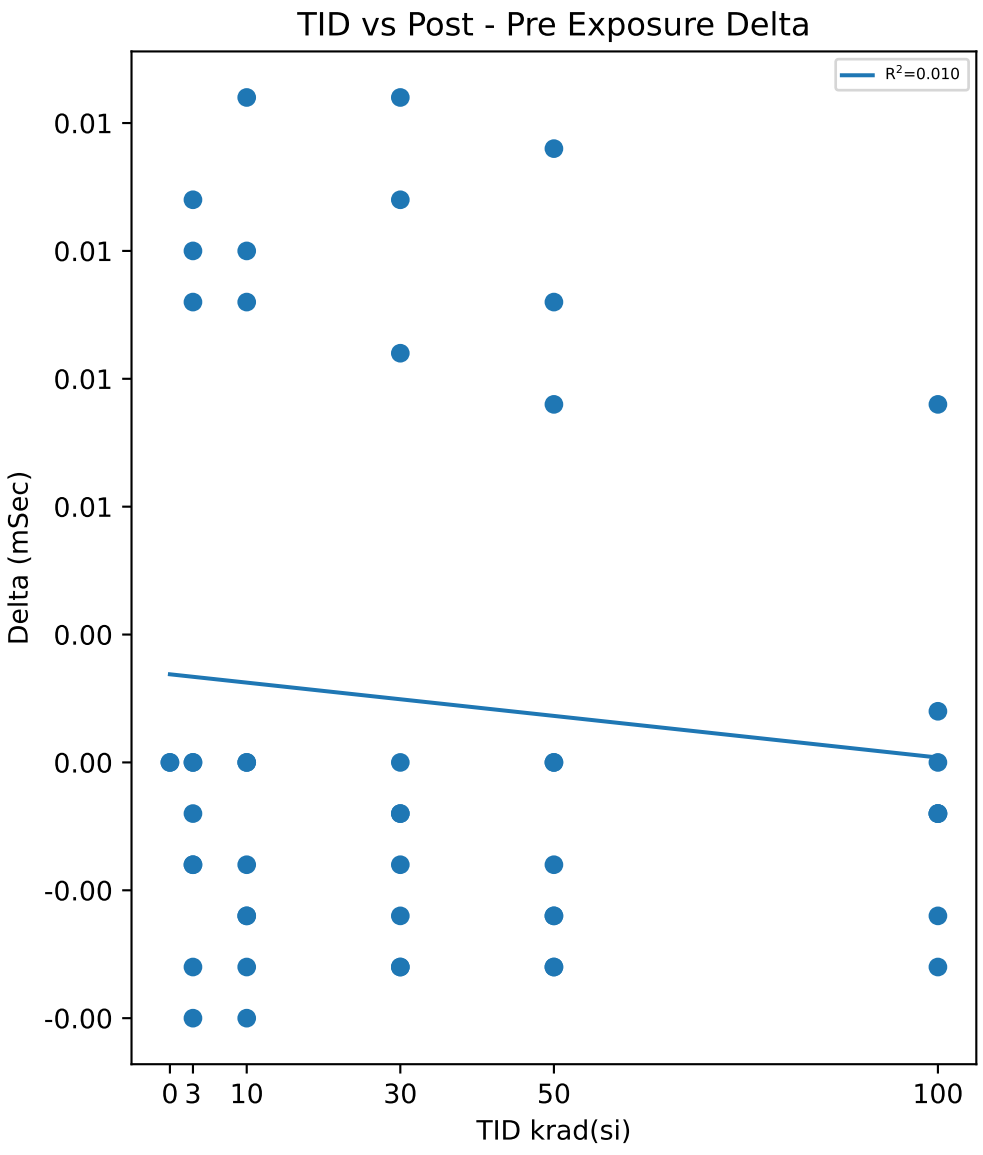
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.257	0.257	0
7	0	Correlation	0.258	0.258	0
16	3	LDR-Biased	0.258	0.271	0.013
18	3	LDR-Biased	0.259	0.258	-0.001
19	3	LDR-Biased	0.254	0.261	0.007
20	3	LDR-Biased	0.259	0.258	-0.001
21	3	LDR-Biased	0.26	0.26	0
22	3	LDR-Unbiased	0.261	0.257	-0.004
23	3	LDR-Unbiased	0.261	0.258	-0.003
25	3	LDR-Unbiased	0.258	0.254	-0.004
26	3	LDR-Unbiased	0.259	0.268	0.009
27	3	LDR-Unbiased	0.262	0.26	-0.002
46	10	LDR-Biased	0.258	0.272	0.014
48	10	LDR-Biased	0.259	0.259	0
49	10	LDR-Biased	0.254	0.261	0.007
50	10	LDR-Biased	0.259	0.259	0
51	10	LDR-Biased	0.26	0.26	0
52	10	LDR-Unbiased	0.261	0.256	-0.005
53	10	LDR-Unbiased	0.261	0.258	-0.003
55	10	LDR-Unbiased	0.258	0.254	-0.004
56	10	LDR-Unbiased	0.259	0.269	0.01
57	10	LDR-Unbiased	0.262	0.259	-0.003
76	30	LDR-Biased	0.258	0.271	0.013
78	30	LDR-Biased	0.259	0.259	0
79	30	LDR-Biased	0.254	0.26	0.006
80	30	LDR-Biased	0.259	0.259	0
81	30	LDR-Biased	0.26	0.259	-0.001
82	30	LDR-Unbiased	0.261	0.258	-0.003
83	30	LDR-Unbiased	0.261	0.258	-0.003
84	30	LDR-Unbiased	0.262	0.258	-0.004
85	30	LDR-Unbiased	0.258	0.254	-0.004
86	30	LDR-Unbiased	0.259	0.268	0.009
87	100	LDR-Biased	0.258	0.257	-0.001
88	100	LDR-Biased	0.258	0.257	-0.001
90	100	LDR-Biased	0.26	0.259	-0.001
91	100	LDR-Unbiased	0.261	0.267	0.006
93	100	LDR-Unbiased	0.259	0.257	-0.002
94	100	LDR-Unbiased	0.258	0.257	-0.001
95	100	LDR-Unbiased	0.256	0.253	-0.003
96	100	LDR-Unbiased	0.261	0.261	0
106	50	LDR-Biased	0.258	0.27	0.012
108	50	LDR-Biased	0.259	0.258	-0.001
109	50	LDR-Biased	0.254	0.26	0.006
110	50	LDR-Biased	0.259	0.26	0.001
111	50	LDR-Biased	0.26	0.259	-0.001
112	50	LDR-Unbiased	0.261	0.257	-0.004
113	50	LDR-Unbiased	0.261	0.257	-0.004
115	50	LDR-Unbiased	0.258	0.253	-0.005
116	50	LDR-Unbiased	0.259	0.267	0.008
117	50	LDR-Unbiased	0.262	0.259	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.257	0.2575	0.258	0.00070711	0.257	0.2575	0.258	0.00070711	0	0	0	0
3	0.254	0.2591	0.262	0.0022336	0.254	0.2605	0.271	0.0051694	-0.004	0.0014	0.013	0.0060222
10	0.254	0.2591	0.262	0.0022336	0.254	0.2607	0.272	0.0055787	-0.005	0.0016	0.014	0.0064842
30	0.254	0.2591	0.262	0.0022336	0.254	0.2604	0.271	0.0051034	-0.004	0.0013	0.013	0.0059638
50	0.254	0.2591	0.262	0.0022336	0.253	0.26	0.27	0.0049666	-0.005	0.0009	0.012	0.0058205
100	0.256	0.25888	0.261	0.0017269	0.253	0.2585	0.267	0.0041057	-0.003	-0.000375	0.006	0.0027223

Device Test: 4.37 treg_Res10p5K_SENSE2/SENSE2/7/14/0/10.5K/0/@REG_TIME_10KOHM





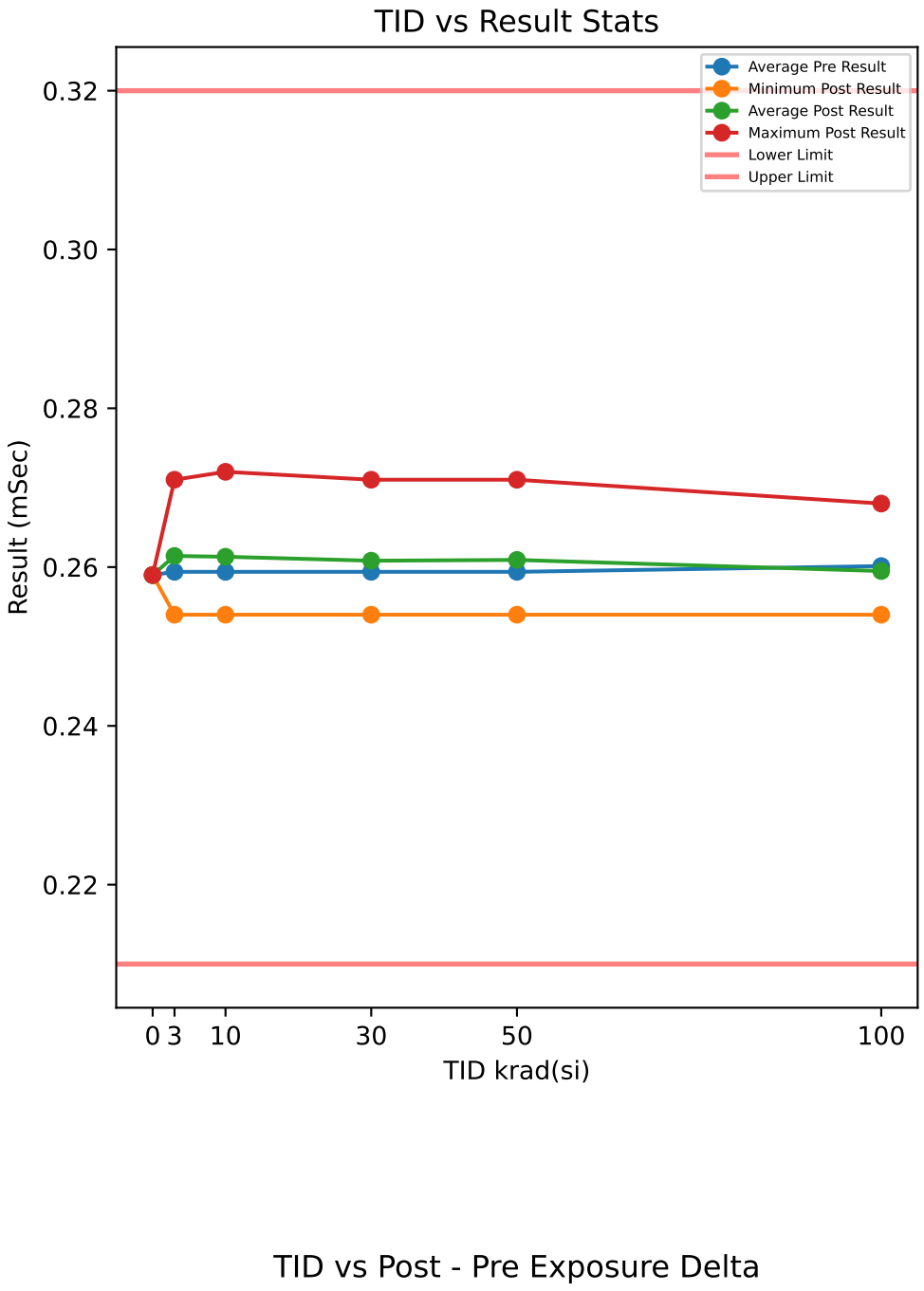
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

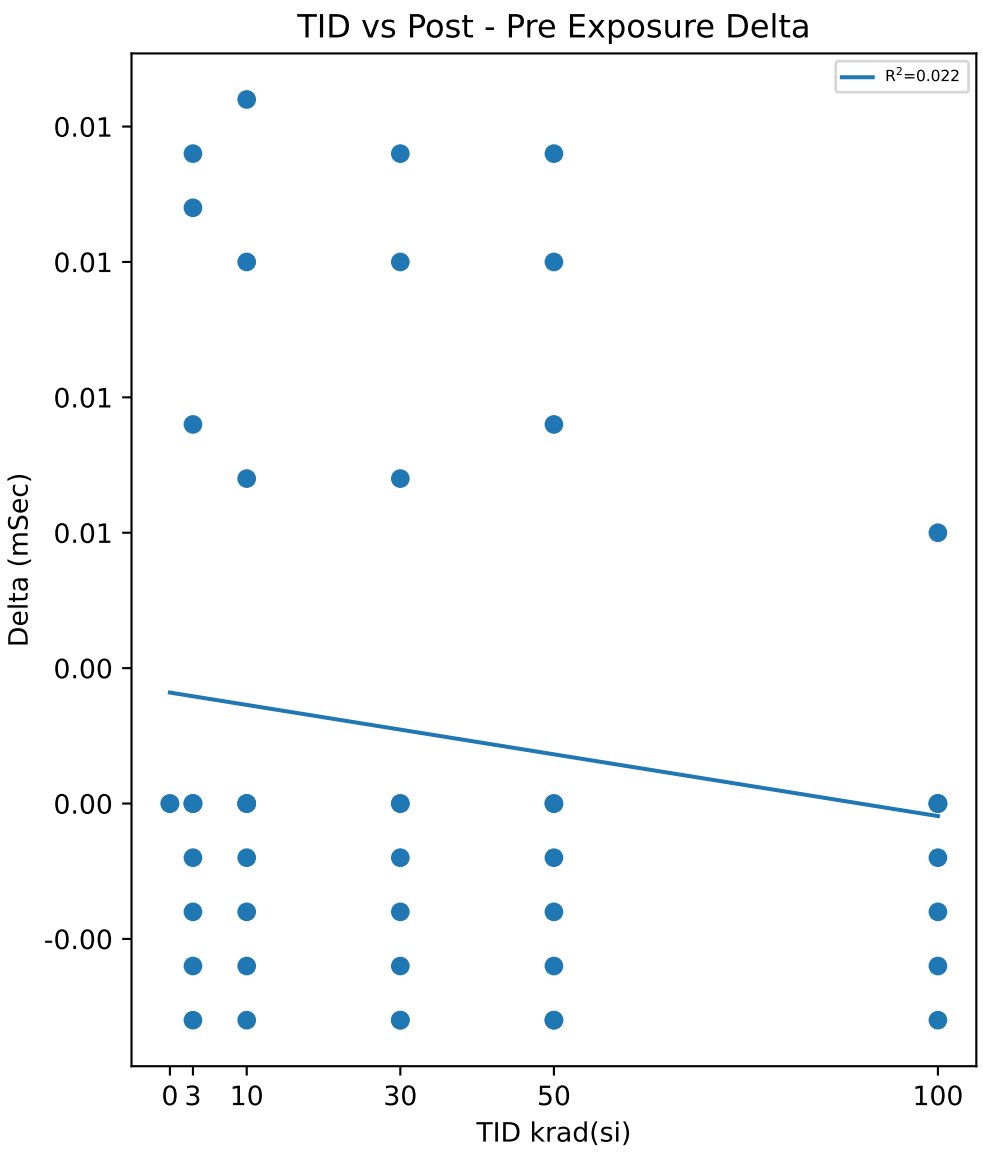
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.259	0.259	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.26	0.271	0.011
18	3	LDR-Biased	0.261	0.259	-0.002
19	3	LDR-Biased	0.253	0.262	0.009
20	3	LDR-Biased	0.259	0.259	0
21	3	LDR-Biased	0.261	0.26	-0.001
22	3	LDR-Unbiased	0.262	0.258	-0.004
23	3	LDR-Unbiased	0.262	0.26	-0.002
25	3	LDR-Unbiased	0.259	0.254	-0.005
26	3	LDR-Unbiased	0.259	0.269	0.01
27	3	LDR-Unbiased	0.261	0.261	0
46	10	LDR-Biased	0.26	0.273	0.013
48	10	LDR-Biased	0.261	0.258	-0.003
49	10	LDR-Biased	0.253	0.262	0.009
50	10	LDR-Biased	0.259	0.259	0
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.262	0.257	-0.005
53	10	LDR-Unbiased	0.262	0.259	-0.003
55	10	LDR-Unbiased	0.259	0.255	-0.004
56	10	LDR-Unbiased	0.259	0.269	0.01
57	10	LDR-Unbiased	0.261	0.259	-0.002
76	30	LDR-Biased	0.26	0.273	0.013
78	30	LDR-Biased	0.261	0.26	-0.001
79	30	LDR-Biased	0.253	0.261	0.008
80	30	LDR-Biased	0.259	0.259	0
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.262	0.258	-0.004
83	30	LDR-Unbiased	0.262	0.259	-0.003
84	30	LDR-Unbiased	0.261	0.259	-0.002
85	30	LDR-Unbiased	0.259	0.255	-0.004
86	30	LDR-Unbiased	0.259	0.27	0.011
87	100	LDR-Biased	0.259	0.258	-0.001
88	100	LDR-Biased	0.259	0.26	0.001
90	100	LDR-Biased	0.26	0.259	-0.001
91	100	LDR-Unbiased	0.261	0.268	0.007
93	100	LDR-Unbiased	0.261	0.258	-0.003
94	100	LDR-Unbiased	0.26	0.259	-0.001
95	100	LDR-Unbiased	0.257	0.253	-0.004
96	100	LDR-Unbiased	0.261	0.261	0
106	50	LDR-Biased	0.26	0.272	0.012
108	50	LDR-Biased	0.261	0.258	-0.003
109	50	LDR-Biased	0.253	0.26	0.007
110	50	LDR-Biased	0.259	0.259	0
111	50	LDR-Biased	0.261	0.259	-0.002
112	50	LDR-Unbiased	0.262	0.258	-0.004
113	50	LDR-Unbiased	0.262	0.259	-0.003
115	50	LDR-Unbiased	0.259	0.255	-0.004
116	50	LDR-Unbiased	0.259	0.268	0.009
117	50	LDR-Unbiased	0.261	0.261	0

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.26	0.261	0.0014142	0.259	0.26	0.261	0.0014142	0	0	0	0
3	0.253	0.2597	0.262	0.0026268	0.254	0.2613	0.271	0.0050783	-0.005	0.0016	0.011	0.0060222
10	0.253	0.2597	0.262	0.0026268	0.255	0.2612	0.273	0.0055936	-0.005	0.0015	0.013	0.006587
30	0.253	0.2597	0.262	0.0026268	0.255	0.2614	0.273	0.0056016	-0.004	0.0017	0.013	0.00643
50	0.253	0.2597	0.262	0.0026268	0.255	0.2609	0.272	0.0051305	-0.004	0.0012	0.012	0.0059029
100	0.257	0.25975	0.261	0.0013887	0.253	0.2595	0.268	0.0041748	-0.004	-0.00025	0.007	0.0033274

Device Test: 4.38 treg_Res10p5K_SENSE3/SENSE3/7/14/0/10.5K/0/@REG_TIME_10KOHM





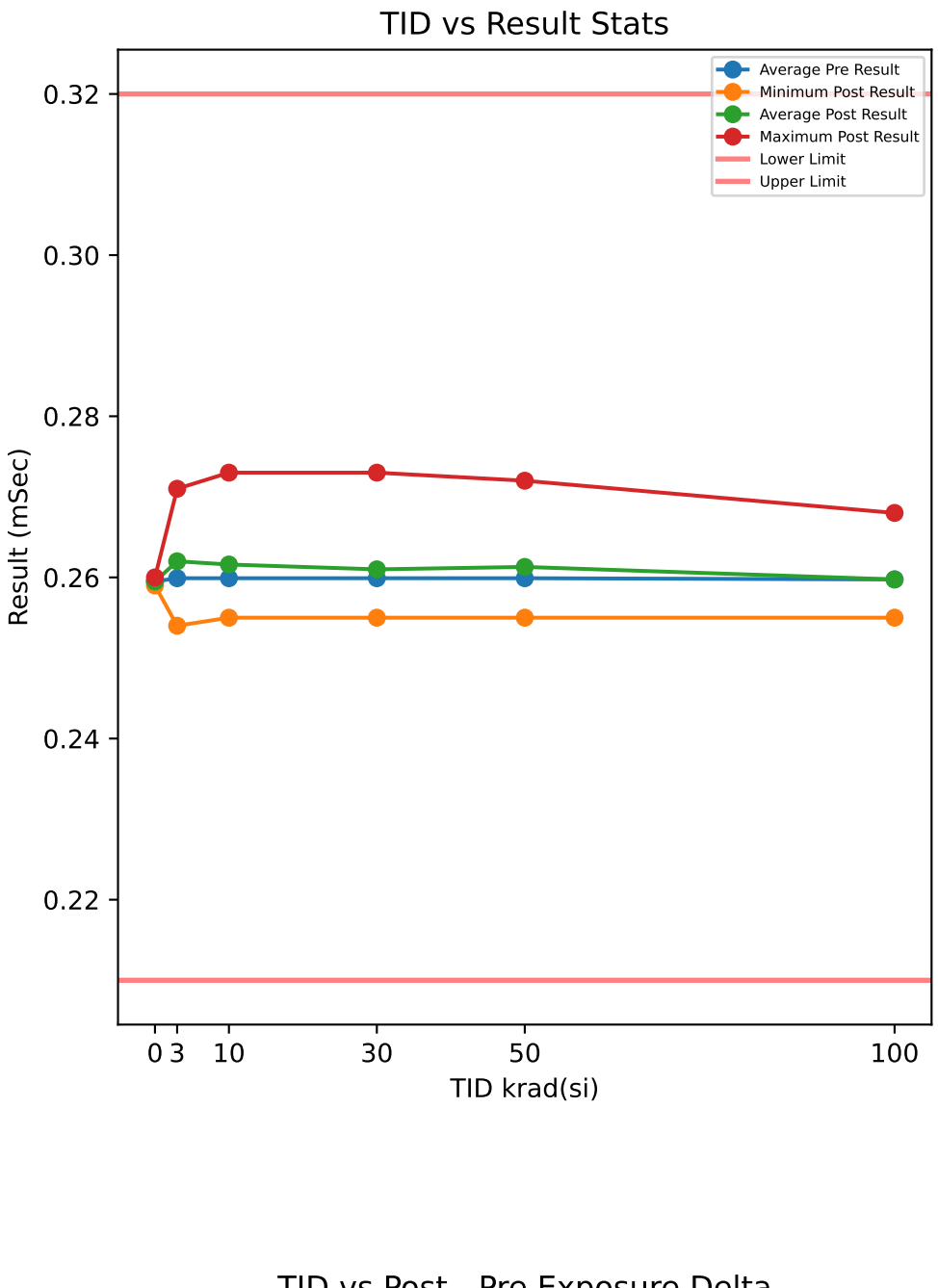
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

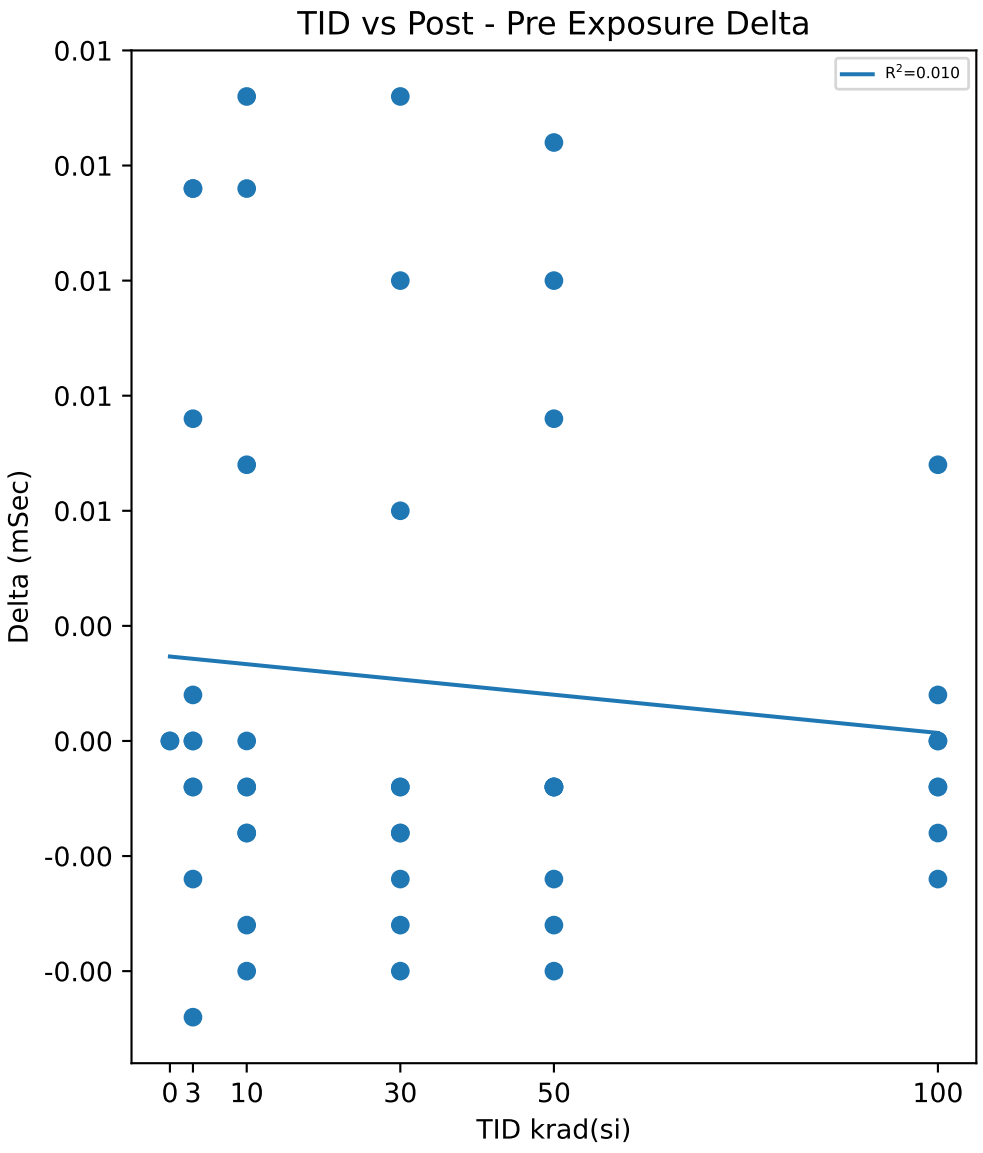
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.259	0.259	0
7	0	Correlation	0.259	0.259	0
16	3	LDR-Biased	0.259	0.271	0.012
18	3	LDR-Biased	0.26	0.259	-0.001
19	3	LDR-Biased	0.255	0.262	0.007
20	3	LDR-Biased	0.259	0.259	0
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.261	0.259	-0.002
23	3	LDR-Unbiased	0.262	0.259	-0.003
25	3	LDR-Unbiased	0.258	0.254	-0.004
26	3	LDR-Unbiased	0.259	0.27	0.011
27	3	LDR-Unbiased	0.26	0.26	0
46	10	LDR-Biased	0.259	0.272	0.013
48	10	LDR-Biased	0.26	0.259	-0.001
49	10	LDR-Biased	0.255	0.261	0.006
50	10	LDR-Biased	0.259	0.259	0
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.261	0.259	-0.002
53	10	LDR-Unbiased	0.262	0.259	-0.003
55	10	LDR-Unbiased	0.258	0.254	-0.004
56	10	LDR-Unbiased	0.259	0.269	0.01
57	10	LDR-Unbiased	0.26	0.26	0
76	30	LDR-Biased	0.259	0.271	0.012
78	30	LDR-Biased	0.26	0.258	-0.002
79	30	LDR-Biased	0.255	0.261	0.006
80	30	LDR-Biased	0.259	0.259	0
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.261	0.258	-0.003
83	30	LDR-Unbiased	0.262	0.258	-0.004
84	30	LDR-Unbiased	0.26	0.26	0
85	30	LDR-Unbiased	0.258	0.254	-0.004
86	30	LDR-Unbiased	0.259	0.269	0.01
87	100	LDR-Biased	0.259	0.259	0
88	100	LDR-Biased	0.259	0.259	0
90	100	LDR-Biased	0.261	0.259	-0.002
91	100	LDR-Unbiased	0.263	0.268	0.005
93	100	LDR-Unbiased	0.261	0.258	-0.003
94	100	LDR-Unbiased	0.259	0.258	-0.001
95	100	LDR-Unbiased	0.258	0.254	-0.004
96	100	LDR-Unbiased	0.261	0.261	0
106	50	LDR-Biased	0.259	0.271	0.012
108	50	LDR-Biased	0.26	0.258	-0.002
109	50	LDR-Biased	0.255	0.262	0.007
110	50	LDR-Biased	0.259	0.259	0
111	50	LDR-Biased	0.261	0.26	-0.001
112	50	LDR-Unbiased	0.261	0.257	-0.004
113	50	LDR-Unbiased	0.262	0.259	-0.003
115	50	LDR-Unbiased	0.258	0.254	-0.004
116	50	LDR-Unbiased	0.259	0.269	0.01
117	50	LDR-Unbiased	0.26	0.26	0

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.259	0.259	0	0.259	0.259	0.259	0	0	0	0	0
3	0.255	0.2594	0.262	0.0019551	0.254	0.2614	0.271	0.0052324	-0.004	0.002	0.012	0.0058119
10	0.255	0.2594	0.262	0.0019551	0.254	0.2613	0.272	0.0052715	-0.004	0.0019	0.013	0.0057629
30	0.255	0.2594	0.262	0.0019551	0.254	0.2608	0.271	0.0052239	-0.004	0.0014	0.012	0.0058348
50	0.255	0.2594	0.262	0.0019551	0.254	0.2609	0.271	0.0052589	-0.004	0.0015	0.012	0.0059301
100	0.258	0.26012	0.263	0.0016421	0.254	0.2595	0.268	0.0039641	-0.004	-0.000625	0.005	0.0027223

Device Test: 4.39 treg_Res10p5K_SENSE4/SENSE4/7/14/0/10.5K/0/@REG_TIME_10KOHM





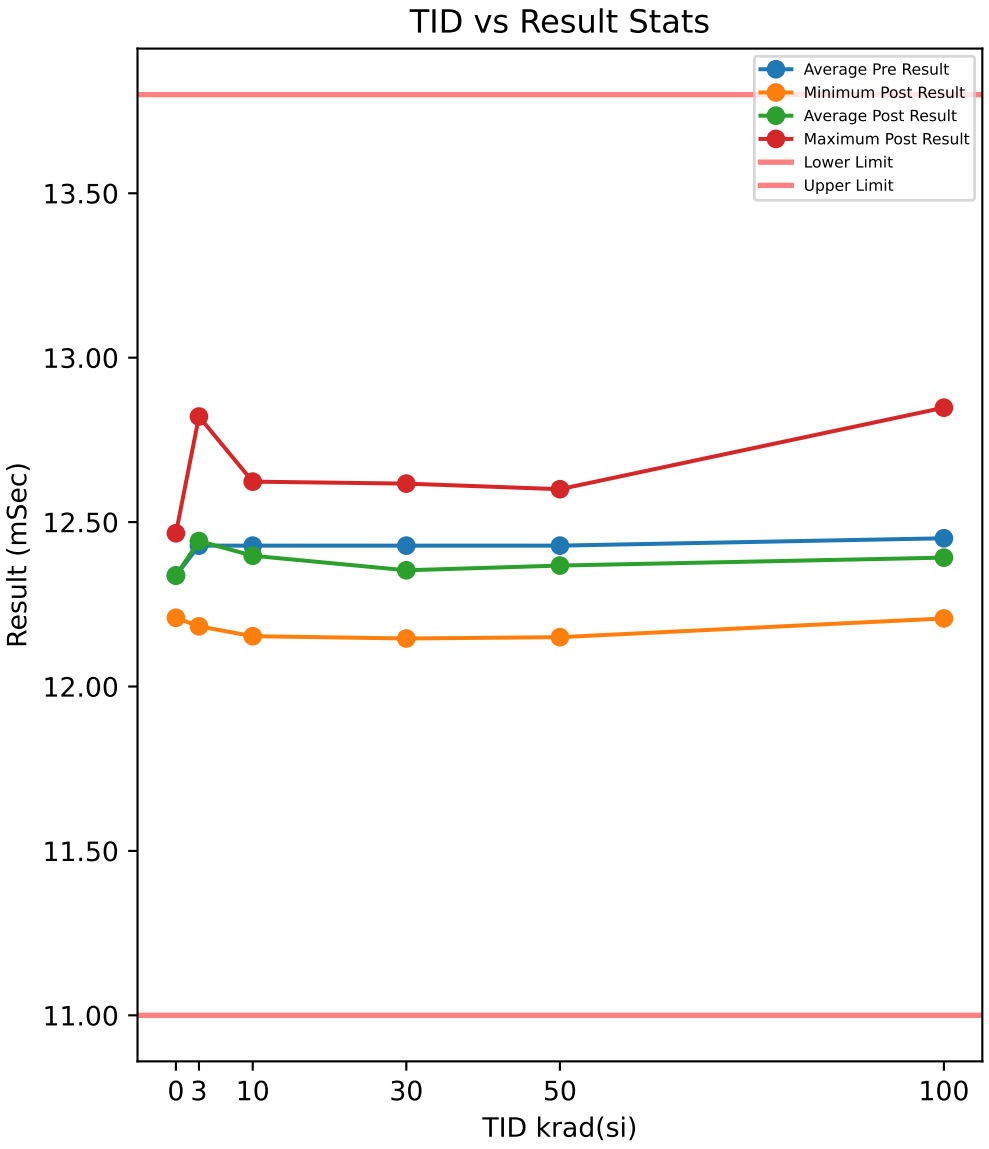
Test Results (Lower Limit = 0.21, Upper Limit = 0.32 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.26	0.26	0
7	0	Correlation	0.259	0.259	0
16	3	LDR-Biased	0.259	0.271	0.012
18	3	LDR-Biased	0.261	0.26	-0.001
19	3	LDR-Biased	0.255	0.262	0.007
20	3	LDR-Biased	0.26	0.261	0.001
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.262	0.259	-0.003
23	3	LDR-Unbiased	0.261	0.26	-0.001
25	3	LDR-Unbiased	0.26	0.254	-0.006
26	3	LDR-Unbiased	0.259	0.271	0.012
27	3	LDR-Unbiased	0.261	0.261	0
46	10	LDR-Biased	0.259	0.273	0.014
48	10	LDR-Biased	0.261	0.259	-0.002
49	10	LDR-Biased	0.255	0.261	0.006
50	10	LDR-Biased	0.26	0.259	-0.001
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.262	0.258	-0.004
53	10	LDR-Unbiased	0.261	0.259	-0.002
55	10	LDR-Unbiased	0.26	0.255	-0.005
56	10	LDR-Unbiased	0.259	0.271	0.012
57	10	LDR-Unbiased	0.261	0.26	-0.001
76	30	LDR-Biased	0.259	0.273	0.014
78	30	LDR-Biased	0.261	0.259	-0.002
79	30	LDR-Biased	0.255	0.26	0.005
80	30	LDR-Biased	0.26	0.259	-0.001
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.262	0.258	-0.004
83	30	LDR-Unbiased	0.261	0.258	-0.003
84	30	LDR-Unbiased	0.261	0.259	-0.002
85	30	LDR-Unbiased	0.26	0.255	-0.005
86	30	LDR-Unbiased	0.259	0.269	0.01
87	100	LDR-Biased	0.258	0.259	0.001
88	100	LDR-Biased	0.259	0.259	0
90	100	LDR-Biased	0.26	0.259	-0.001
91	100	LDR-Unbiased	0.262	0.268	0.006
93	100	LDR-Unbiased	0.261	0.259	-0.002
94	100	LDR-Unbiased	0.258	0.258	0
95	100	LDR-Unbiased	0.258	0.255	-0.003
96	100	LDR-Unbiased	0.262	0.261	-0.001
106	50	LDR-Biased	0.259	0.272	0.013
108	50	LDR-Biased	0.261	0.258	-0.003
109	50	LDR-Biased	0.255	0.262	0.007
110	50	LDR-Biased	0.26	0.259	-0.001
111	50	LDR-Biased	0.261	0.26	-0.001
112	50	LDR-Unbiased	0.262	0.258	-0.004
113	50	LDR-Unbiased	0.261	0.26	-0.001
115	50	LDR-Unbiased	0.26	0.255	-0.005
116	50	LDR-Unbiased	0.259	0.269	0.01
117	50	LDR-Unbiased	0.261	0.26	-0.001

Test Statistics (mSec)

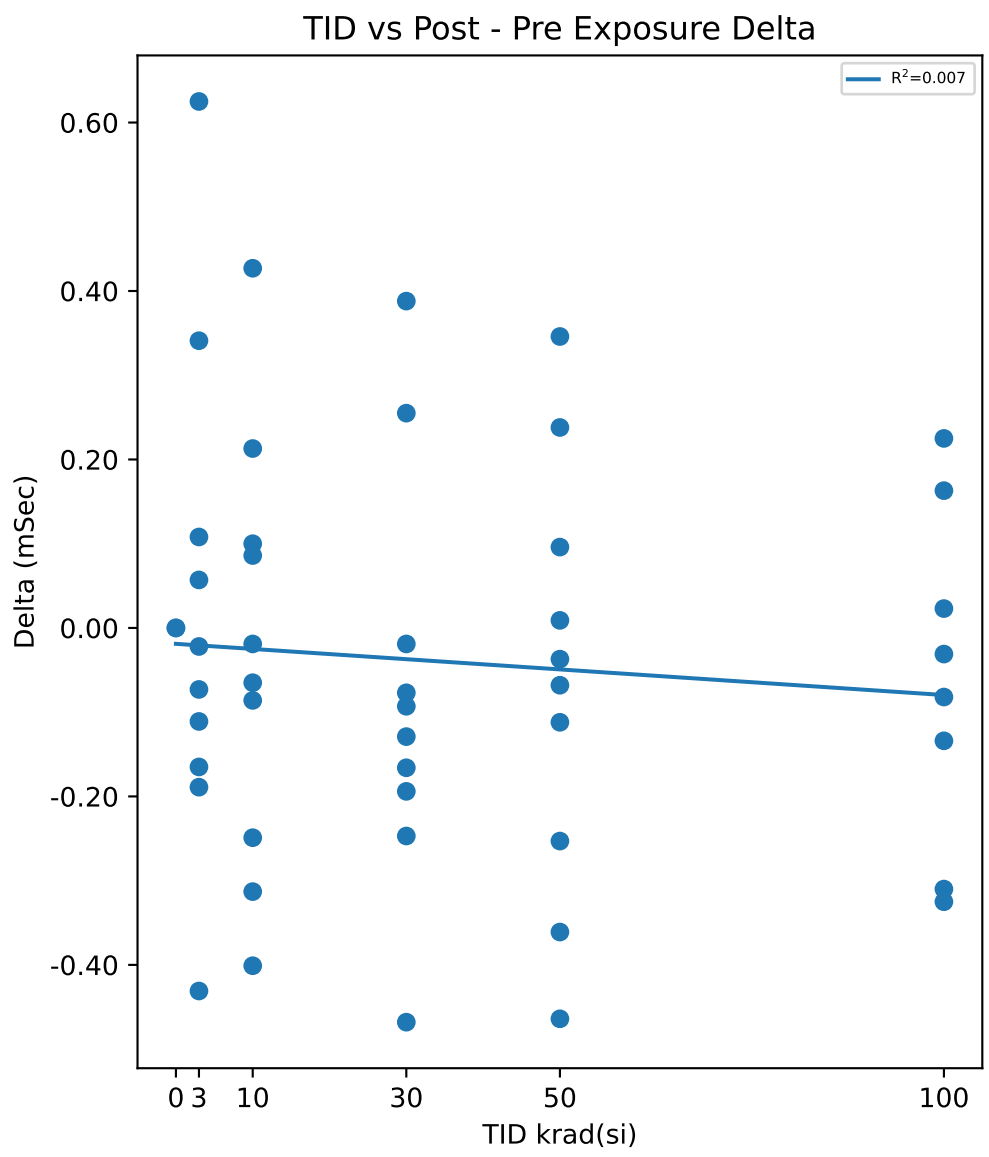
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.259	0.2595	0.26	0.00070711	0.259	0.2595	0.26	0.00070711	0	0	0	0
3	0.255	0.2599	0.262	0.0019692	0.254	0.262	0.271	0.0052281	-0.006	0.0021	0.012	0.0061545
10	0.255	0.2599	0.262	0.0019692	0.255	0.2616	0.273	0.0057581	-0.005	0.0017	0.014	0.0066508
30	0.255	0.2599	0.262	0.0019692	0.255	0.261	0.273	0.0055377	-0.005	0.0011	0.014	0.0064023
50	0.255	0.2599	0.262	0.0019692	0.255	0.2613	0.272	0.0052292	-0.005	0.0014	0.013	0.0062574
100	0.258	0.25975	0.262	0.0017525	0.255	0.25975	0.268	0.0037321	-0.003	0	0.006	0.0027255

Device Test: 4.4 treg_Res619K_SENSE1/SENSE1/1.6/3/0/619K/0/@REG_TIME_500KOHM



Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

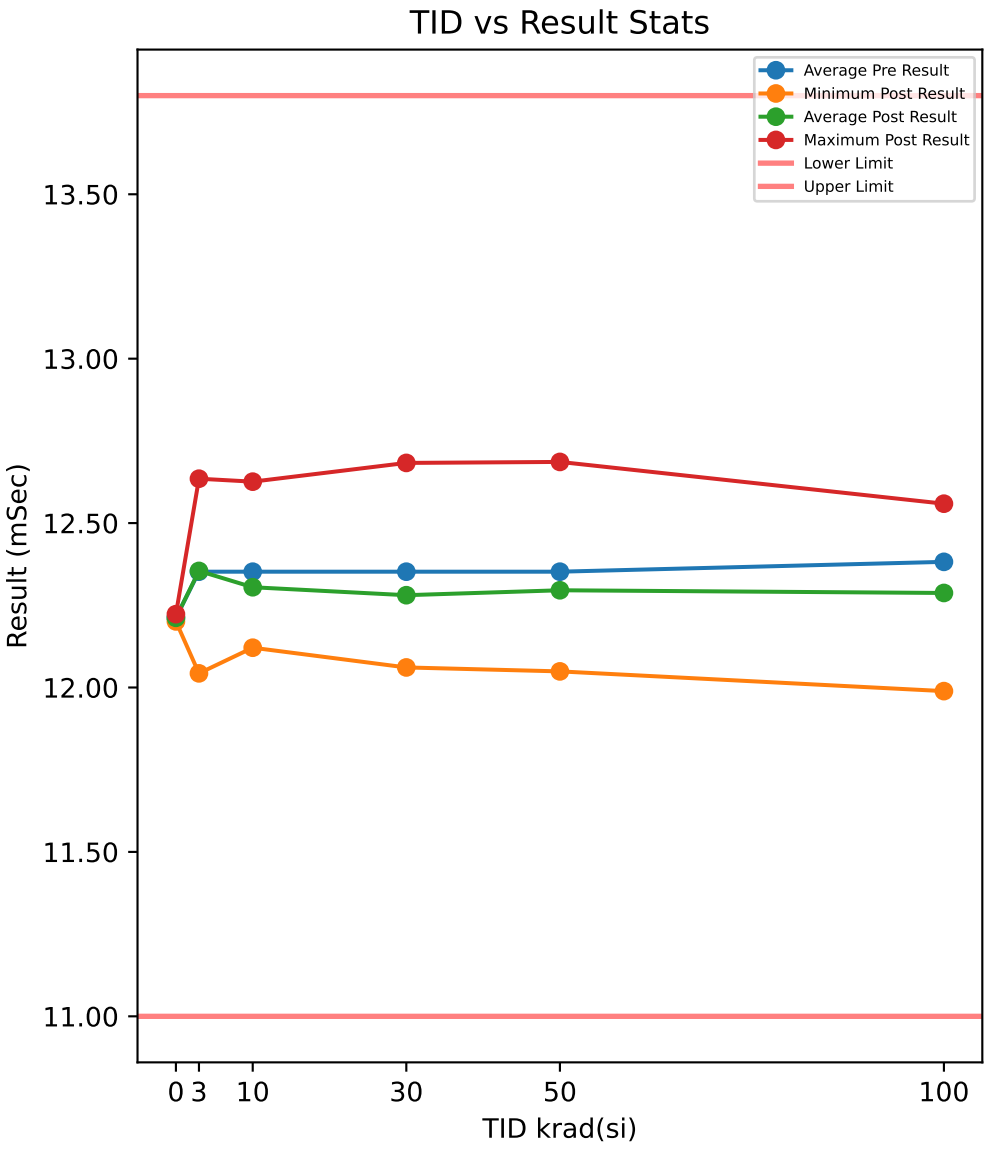
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.209	12.209	0
7	0	Correlation	12.466	12.466	0
16	3	LDR-Biased	12.362	12.703	0.341
18	3	LDR-Biased	12.328	12.436	0.108
19	3	LDR-Biased	12.256	12.313	0.057
20	3	LDR-Biased	12.403	12.381	-0.022
21	3	LDR-Biased	12.551	12.478	-0.073
22	3	LDR-Unbiased	12.63	12.519	-0.111
23	3	LDR-Unbiased	12.466	12.277	-0.189
25	3	LDR-Unbiased	12.478	12.313	-0.165
26	3	LDR-Unbiased	12.196	12.821	0.625
27	3	LDR-Unbiased	12.614	12.183	-0.431
46	10	LDR-Biased	12.362	12.575	0.213
48	10	LDR-Biased	12.328	12.414	0.086
49	10	LDR-Biased	12.256	12.356	0.1
50	10	LDR-Biased	12.403	12.338	-0.065
51	10	LDR-Biased	12.551	12.465	-0.086
52	10	LDR-Unbiased	12.63	12.381	-0.249
53	10	LDR-Unbiased	12.466	12.153	-0.313
55	10	LDR-Unbiased	12.478	12.459	-0.019
56	10	LDR-Unbiased	12.196	12.623	0.427
57	10	LDR-Unbiased	12.614	12.213	-0.401
76	30	LDR-Biased	12.362	12.617	0.255
78	30	LDR-Biased	12.328	12.309	-0.019
79	30	LDR-Biased	12.256	12.179	-0.077
80	30	LDR-Biased	12.403	12.209	-0.194
81	30	LDR-Biased	12.551	12.422	-0.129
82	30	LDR-Unbiased	12.63	12.464	-0.166
83	30	LDR-Unbiased	12.466	12.219	-0.247
84	30	LDR-Unbiased	12.614	12.146	-0.468
85	30	LDR-Unbiased	12.478	12.385	-0.093
86	30	LDR-Unbiased	12.196	12.584	0.388
87	100	LDR-Biased	12.398	12.421	0.023
88	100	LDR-Biased	12.344	12.313	-0.031
90	100	LDR-Biased	12.341	12.207	-0.134
91	100	LDR-Unbiased	12.623	12.848	0.225
93	100	LDR-Unbiased	12.553	12.228	-0.325
94	100	LDR-Unbiased	12.513	12.431	-0.082
95	100	LDR-Unbiased	12.229	12.392	0.163
96	100	LDR-Unbiased	12.605	12.295	-0.31
106	50	LDR-Biased	12.362	12.6	0.238
108	50	LDR-Biased	12.328	12.424	0.096
109	50	LDR-Biased	12.256	12.188	-0.068
110	50	LDR-Biased	12.403	12.366	-0.037
111	50	LDR-Biased	12.551	12.298	-0.253
112	50	LDR-Unbiased	12.63	12.269	-0.361
113	50	LDR-Unbiased	12.466	12.354	-0.112
115	50	LDR-Unbiased	12.478	12.487	0.009
116	50	LDR-Unbiased	12.196	12.542	0.346
117	50	LDR-Unbiased	12.614	12.15	-0.464

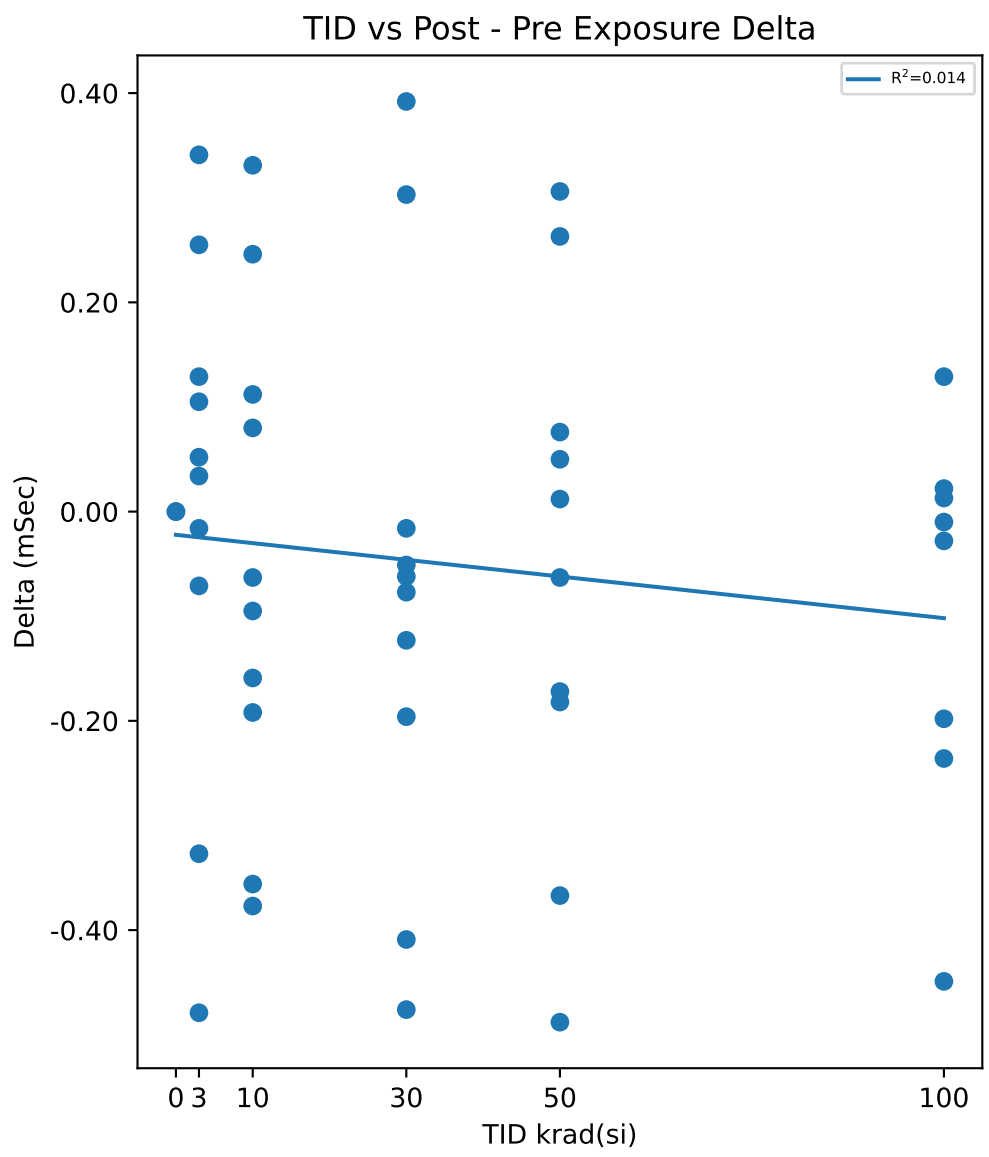


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.209	12.337	12.466	0.18173	12.209	12.337	12.466	0.18173	0	0	0	0
3	12.196	12.428	12.63	0.14639	12.183	12.442	12.821	0.1973	-0.431	0.014	0.625	0.29565
10	12.196	12.428	12.63	0.14639	12.153	12.398	12.623	0.14542	-0.401	-0.0307	0.427	0.25131
30	12.196	12.428	12.63	0.14639	12.146	12.353	12.617	0.1683	-0.468	-0.075	0.388	0.24407
50	12.196	12.428	12.63	0.14639	12.15	12.368	12.6	0.14766	-0.464	-0.0606	0.346	0.25322
100	12.229	12.451	12.623	0.14302	12.207	12.392	12.848	0.20251	-0.325	-0.058875	0.225	0.19905

Device Test: 4.40 treg_Res619K_SENSE1/SENSE1/7/14/0/619K/0/@REG_TIME_500KOHM





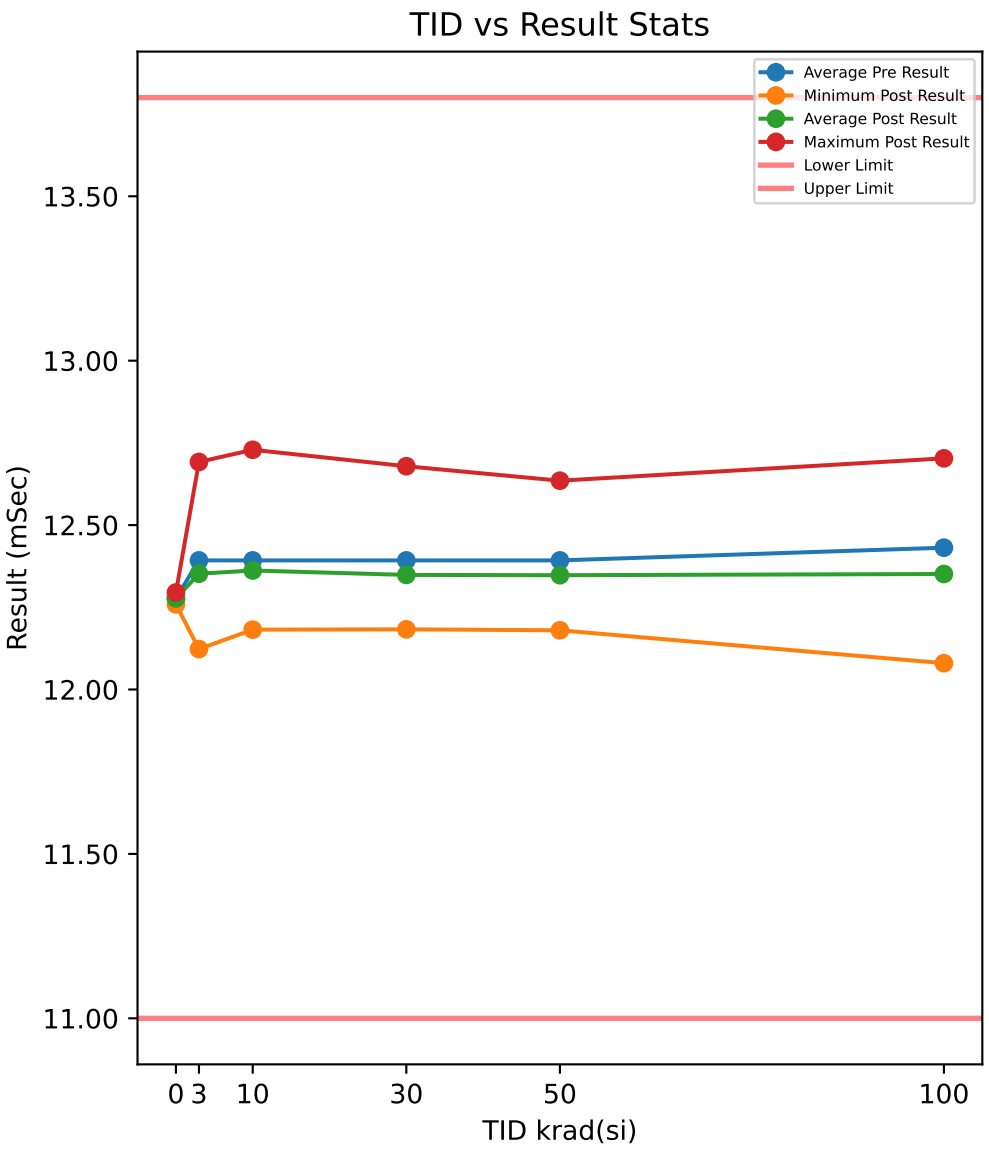
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

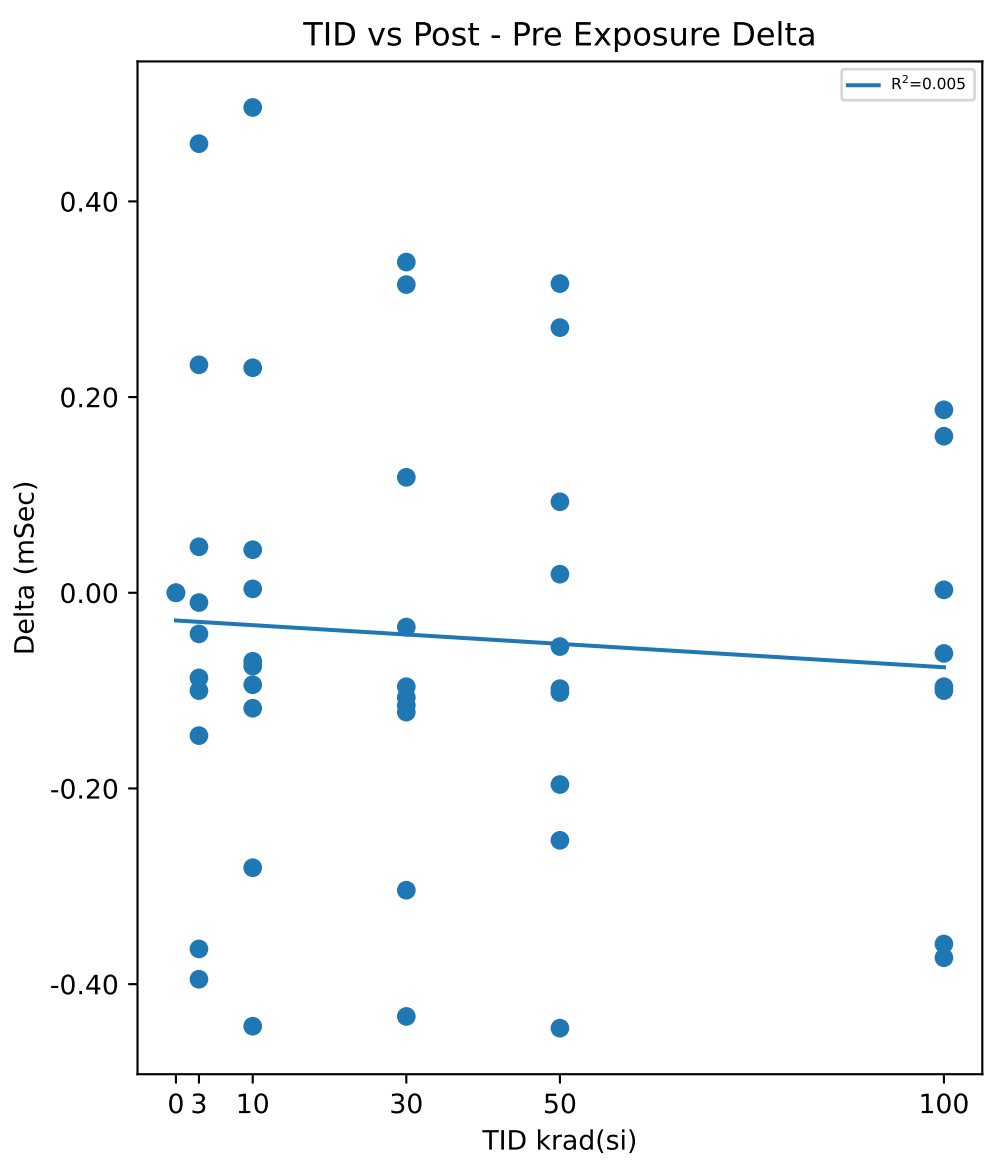
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.223	12.223	0
7	0	Correlation	12.201	12.201	0
16	3	LDR-Biased	12.38	12.635	0.255
18	3	LDR-Biased	12.235	12.364	0.129
19	3	LDR-Biased	12.172	12.224	0.052
20	3	LDR-Biased	12.313	12.297	-0.016
21	3	LDR-Biased	12.284	12.389	0.105
22	3	LDR-Unbiased	12.508	12.437	-0.071
23	3	LDR-Unbiased	12.522	12.043	-0.479
25	3	LDR-Unbiased	12.357	12.391	0.034
26	3	LDR-Unbiased	12.214	12.555	0.341
27	3	LDR-Unbiased	12.537	12.21	-0.327
46	10	LDR-Biased	12.38	12.626	0.246
48	10	LDR-Biased	12.235	12.347	0.112
49	10	LDR-Biased	12.172	12.252	0.08
50	10	LDR-Biased	12.313	12.121	-0.192
51	10	LDR-Biased	12.284	12.221	-0.063
52	10	LDR-Unbiased	12.508	12.349	-0.159
53	10	LDR-Unbiased	12.522	12.145	-0.377
55	10	LDR-Unbiased	12.357	12.262	-0.095
56	10	LDR-Unbiased	12.214	12.545	0.331
57	10	LDR-Unbiased	12.537	12.181	-0.356
76	30	LDR-Biased	12.38	12.683	0.303
78	30	LDR-Biased	12.235	12.219	-0.016
79	30	LDR-Biased	12.172	12.121	-0.051
80	30	LDR-Biased	12.313	12.117	-0.196
81	30	LDR-Biased	12.284	12.207	-0.077
82	30	LDR-Unbiased	12.508	12.385	-0.123
83	30	LDR-Unbiased	12.522	12.113	-0.409
84	30	LDR-Unbiased	12.537	12.061	-0.476
85	30	LDR-Unbiased	12.357	12.295	-0.062
86	30	LDR-Unbiased	12.214	12.606	0.392
87	100	LDR-Biased	12.329	12.351	0.022
88	100	LDR-Biased	12.262	12.234	-0.028
90	100	LDR-Biased	12.248	12.238	-0.01
91	100	LDR-Unbiased	12.546	12.559	0.013
93	100	LDR-Unbiased	12.438	11.989	-0.449
94	100	LDR-Unbiased	12.386	12.188	-0.198
95	100	LDR-Unbiased	12.305	12.434	0.129
96	100	LDR-Unbiased	12.543	12.307	-0.236
106	50	LDR-Biased	12.38	12.686	0.306
108	50	LDR-Biased	12.235	12.247	0.012
109	50	LDR-Biased	12.172	12.248	0.076
110	50	LDR-Biased	12.313	12.131	-0.182
111	50	LDR-Biased	12.284	12.221	-0.063
112	50	LDR-Unbiased	12.508	12.336	-0.172
113	50	LDR-Unbiased	12.522	12.155	-0.367
115	50	LDR-Unbiased	12.357	12.407	0.05
116	50	LDR-Unbiased	12.214	12.477	0.263
117	50	LDR-Unbiased	12.537	12.049	-0.488

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.201	12.212	12.223	0.015556	12.201	12.212	12.223	0.015556	0	0	0	0
3	12.172	12.352	12.537	0.13314	12.043	12.354	12.635	0.17209	-0.479	0.0023	0.341	0.2482
10	12.172	12.352	12.537	0.13314	12.121	12.305	12.626	0.16696	-0.377	-0.0473	0.331	0.2382
30	12.172	12.352	12.537	0.13314	12.061	12.281	12.683	0.21517	-0.476	-0.0715	0.392	0.26965
50	12.172	12.352	12.537	0.13314	12.049	12.296	12.686	0.18774	-0.488	-0.0565	0.306	0.2536
100	12.248	12.382	12.546	0.11775	11.989	12.287	12.559	0.17067	-0.449	-0.094625	0.129	0.18634

Device Test: 4.41 treg_Res619K_SENSE2/SENSE2/7/14/0/619K/0/@REG_TIME_500KOHM





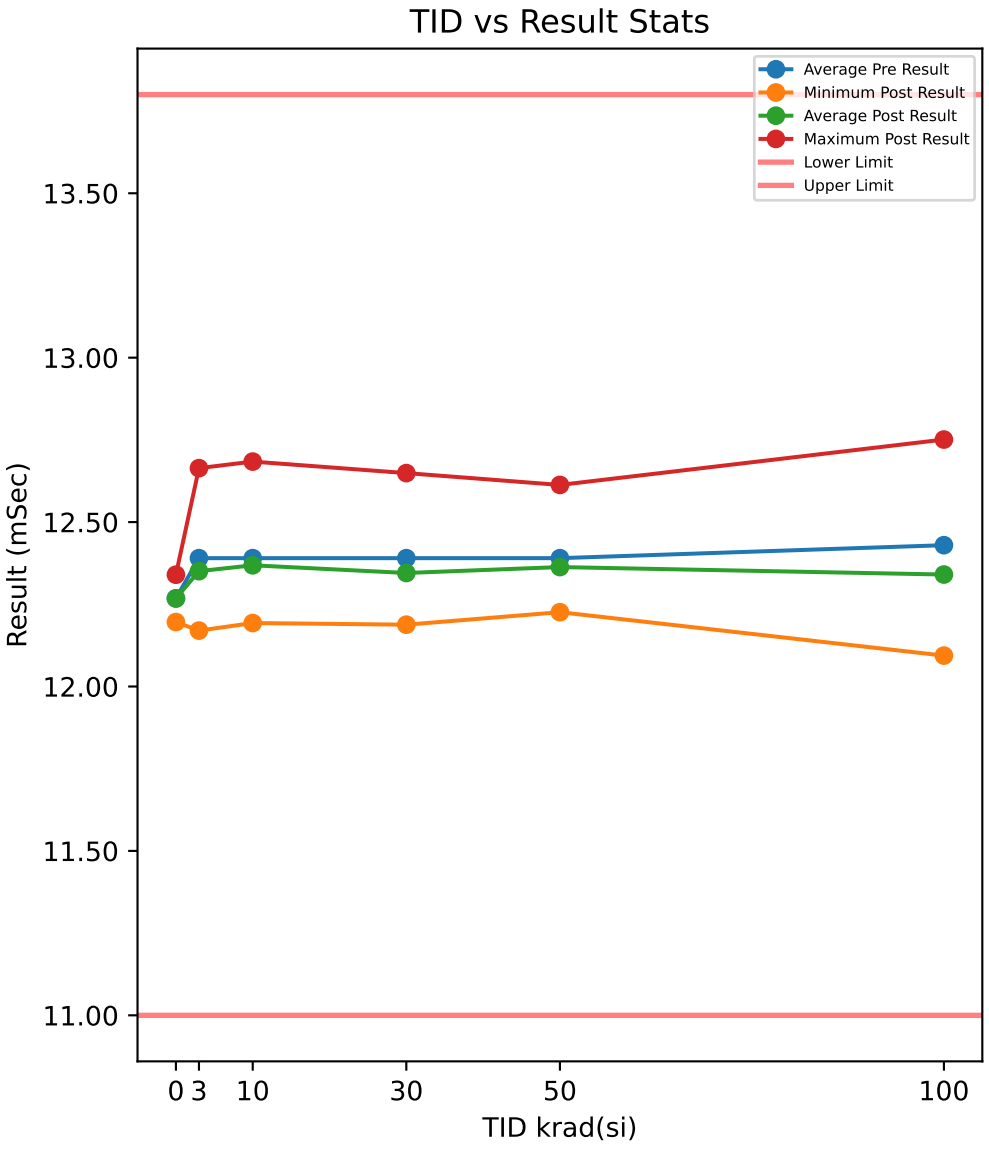
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

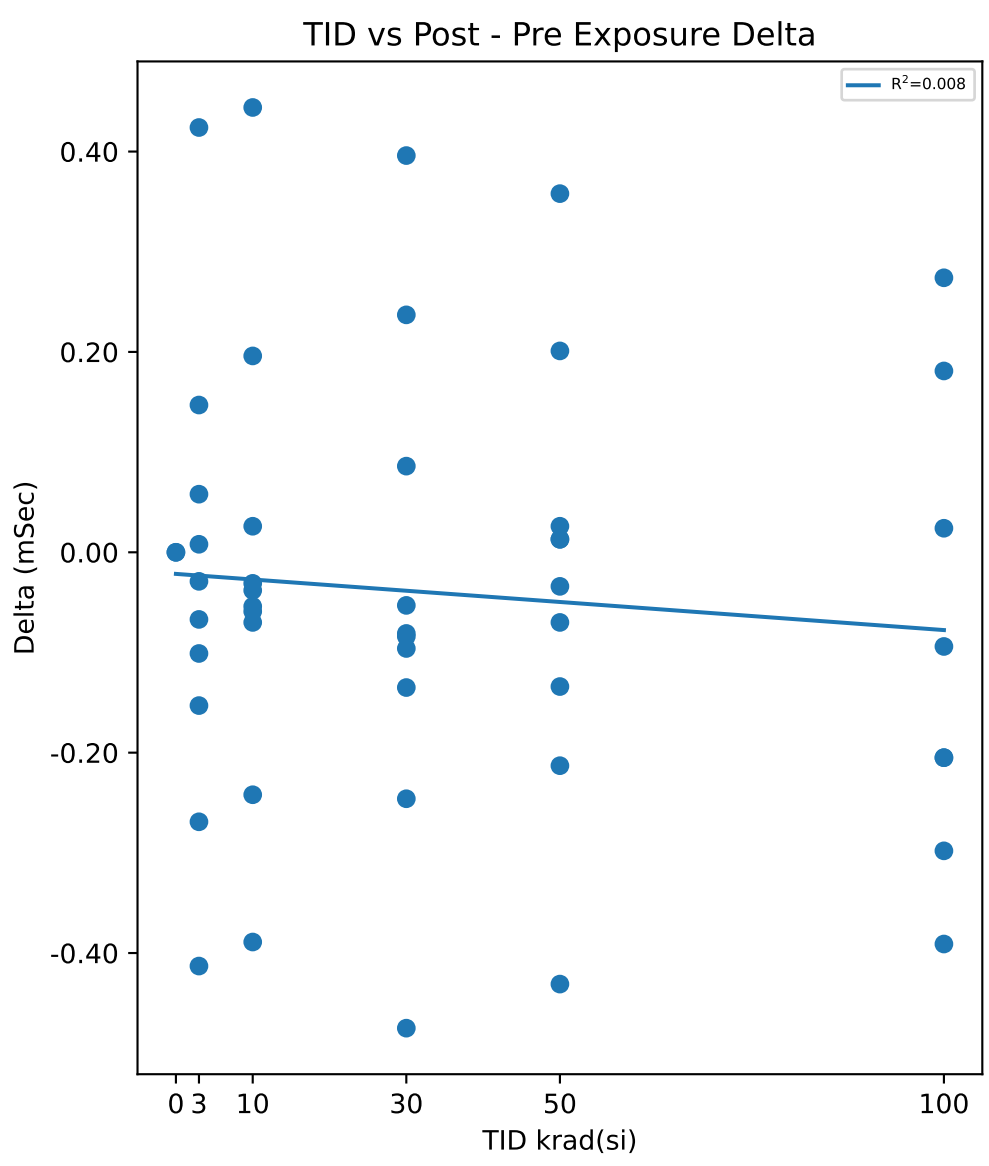
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.259	12.259	0
7	0	Correlation	12.295	12.295	0
16	3	LDR-Biased	12.364	12.597	0.233
18	3	LDR-Biased	12.35	12.34	-0.01
19	3	LDR-Biased	12.29	12.248	-0.042
20	3	LDR-Biased	12.32	12.233	-0.087
21	3	LDR-Biased	12.452	12.306	-0.146
22	3	LDR-Unbiased	12.512	12.412	-0.1
23	3	LDR-Unbiased	12.487	12.123	-0.364
25	3	LDR-Unbiased	12.293	12.34	0.047
26	3	LDR-Unbiased	12.233	12.692	0.459
27	3	LDR-Unbiased	12.625	12.23	-0.395
46	10	LDR-Biased	12.364	12.594	0.23
48	10	LDR-Biased	12.35	12.354	0.004
49	10	LDR-Biased	12.29	12.196	-0.094
50	10	LDR-Biased	12.32	12.202	-0.118
51	10	LDR-Biased	12.452	12.382	-0.07
52	10	LDR-Unbiased	12.512	12.437	-0.075
53	10	LDR-Unbiased	12.487	12.206	-0.281
55	10	LDR-Unbiased	12.293	12.337	0.044
56	10	LDR-Unbiased	12.233	12.729	0.496
57	10	LDR-Unbiased	12.625	12.182	-0.443
76	30	LDR-Biased	12.364	12.679	0.315
78	30	LDR-Biased	12.35	12.315	-0.035
79	30	LDR-Biased	12.29	12.194	-0.096
80	30	LDR-Biased	12.32	12.213	-0.107
81	30	LDR-Biased	12.452	12.33	-0.122
82	30	LDR-Unbiased	12.512	12.397	-0.115
83	30	LDR-Unbiased	12.487	12.183	-0.304
84	30	LDR-Unbiased	12.625	12.192	-0.433
85	30	LDR-Unbiased	12.293	12.411	0.118
86	30	LDR-Unbiased	12.233	12.571	0.338
87	100	LDR-Biased	12.497	12.435	-0.062
88	100	LDR-Biased	12.354	12.254	-0.1
90	100	LDR-Biased	12.349	12.253	-0.096
91	100	LDR-Unbiased	12.516	12.703	0.187
93	100	LDR-Unbiased	12.453	12.08	-0.373
94	100	LDR-Unbiased	12.365	12.368	0.003
95	100	LDR-Unbiased	12.247	12.407	0.16
96	100	LDR-Unbiased	12.669	12.31	-0.359
106	50	LDR-Biased	12.364	12.635	0.271
108	50	LDR-Biased	12.35	12.369	0.019
109	50	LDR-Biased	12.29	12.235	-0.055
110	50	LDR-Biased	12.32	12.222	-0.098
111	50	LDR-Biased	12.452	12.35	-0.102
112	50	LDR-Unbiased	12.512	12.316	-0.196
113	50	LDR-Unbiased	12.487	12.234	-0.253
115	50	LDR-Unbiased	12.293	12.386	0.093
116	50	LDR-Unbiased	12.233	12.549	0.316
117	50	LDR-Unbiased	12.625	12.18	-0.445

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.259	12.277	12.295	0.025456	12.259	12.277	12.295	0.025456	0	0	0	0
3	12.233	12.393	12.625	0.12226	12.123	12.352	12.692	0.17446	-0.395	-0.0405	0.459	0.25387
10	12.233	12.393	12.625	0.12226	12.182	12.362	12.729	0.18413	-0.443	-0.0307	0.496	0.25819
30	12.233	12.393	12.625	0.12226	12.183	12.348	12.679	0.17015	-0.433	-0.0441	0.338	0.24446
50	12.233	12.393	12.625	0.12226	12.18	12.348	12.635	0.1474	-0.445	-0.045	0.316	0.23227
100	12.247	12.431	12.669	0.1307	12.08	12.351	12.703	0.18068	-0.373	-0.08	0.187	0.20717

Device Test: 4.42 treg_Res619K_SENSE3/SENSE3/7/14/0/619K/0/@REG_TIME_500KOHM





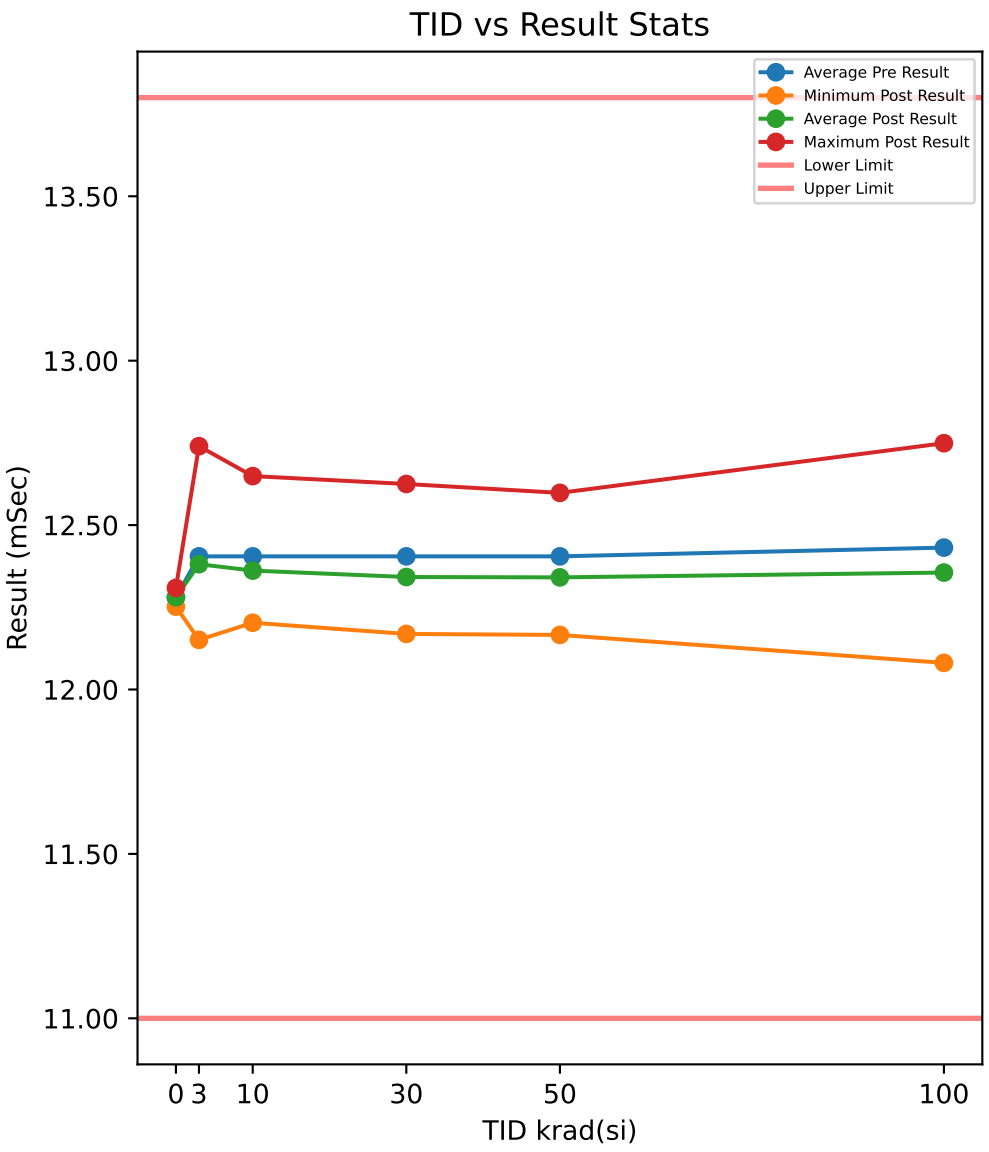
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

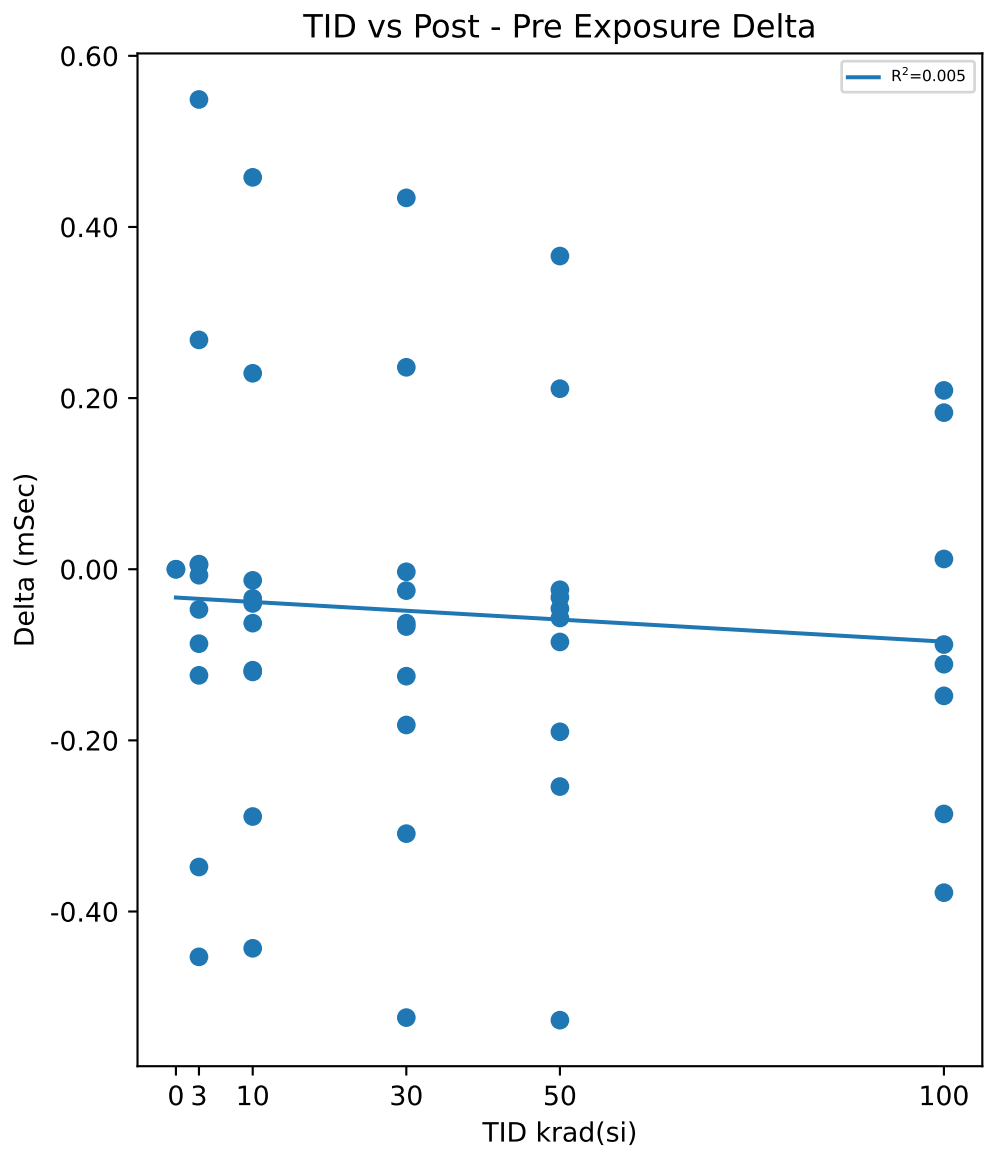
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.196	12.196	0
7	0	Correlation	12.34	12.34	0
16	3	LDR-Biased	12.412	12.559	0.147
18	3	LDR-Biased	12.38	12.313	-0.067
19	3	LDR-Biased	12.327	12.174	-0.153
20	3	LDR-Biased	12.263	12.271	0.008
21	3	LDR-Biased	12.376	12.347	-0.029
22	3	LDR-Unbiased	12.476	12.375	-0.101
23	3	LDR-Unbiased	12.439	12.17	-0.269
25	3	LDR-Unbiased	12.327	12.385	0.058
26	3	LDR-Unbiased	12.24	12.664	0.424
27	3	LDR-Unbiased	12.663	12.25	-0.413
46	10	LDR-Biased	12.412	12.608	0.196
48	10	LDR-Biased	12.38	12.349	-0.031
49	10	LDR-Biased	12.327	12.268	-0.059
50	10	LDR-Biased	12.263	12.193	-0.07
51	10	LDR-Biased	12.376	12.338	-0.038
52	10	LDR-Unbiased	12.476	12.422	-0.054
53	10	LDR-Unbiased	12.439	12.197	-0.242
55	10	LDR-Unbiased	12.327	12.353	0.026
56	10	LDR-Unbiased	12.24	12.684	0.444
57	10	LDR-Unbiased	12.663	12.274	-0.389
76	30	LDR-Biased	12.412	12.649	0.237
78	30	LDR-Biased	12.38	12.299	-0.081
79	30	LDR-Biased	12.327	12.192	-0.135
80	30	LDR-Biased	12.263	12.21	-0.053
81	30	LDR-Biased	12.376	12.292	-0.084
82	30	LDR-Unbiased	12.476	12.38	-0.096
83	30	LDR-Unbiased	12.439	12.193	-0.246
84	30	LDR-Unbiased	12.663	12.188	-0.475
85	30	LDR-Unbiased	12.327	12.413	0.086
86	30	LDR-Unbiased	12.24	12.636	0.396
87	100	LDR-Biased	12.464	12.488	0.024
88	100	LDR-Biased	12.393	12.188	-0.205
90	100	LDR-Biased	12.394	12.189	-0.205
91	100	LDR-Unbiased	12.477	12.751	0.274
93	100	LDR-Unbiased	12.392	12.094	-0.298
94	100	LDR-Unbiased	12.401	12.307	-0.094
95	100	LDR-Unbiased	12.269	12.45	0.181
96	100	LDR-Unbiased	12.648	12.257	-0.391
106	50	LDR-Biased	12.412	12.613	0.201
108	50	LDR-Biased	12.38	12.393	0.013
109	50	LDR-Biased	12.327	12.257	-0.07
110	50	LDR-Biased	12.263	12.289	0.026
111	50	LDR-Biased	12.376	12.342	-0.034
112	50	LDR-Unbiased	12.476	12.342	-0.134
113	50	LDR-Unbiased	12.439	12.226	-0.213
115	50	LDR-Unbiased	12.327	12.34	0.013
116	50	LDR-Unbiased	12.24	12.598	0.358
117	50	LDR-Unbiased	12.663	12.232	-0.431

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.196	12.268	12.34	0.10182	12.196	12.268	12.34	0.10182	0	0	0	0
3	12.24	12.39	12.663	0.12096	12.17	12.351	12.664	0.15815	-0.413	-0.0395	0.424	0.22878
10	12.24	12.39	12.663	0.12096	12.193	12.369	12.684	0.16349	-0.389	-0.0217	0.444	0.22487
30	12.24	12.39	12.663	0.12096	12.188	12.345	12.649	0.17552	-0.475	-0.0451	0.396	0.24268
50	12.24	12.39	12.663	0.12096	12.226	12.363	12.613	0.13851	-0.431	-0.0271	0.358	0.21535
100	12.269	12.43	12.648	0.10807	12.094	12.341	12.751	0.21291	-0.391	-0.08925	0.274	0.23277

Device Test: 4.43 treg_Res619K_SENSE4/SENSE4/7/14/0/619K/0/@REG_TIME_500KOHM





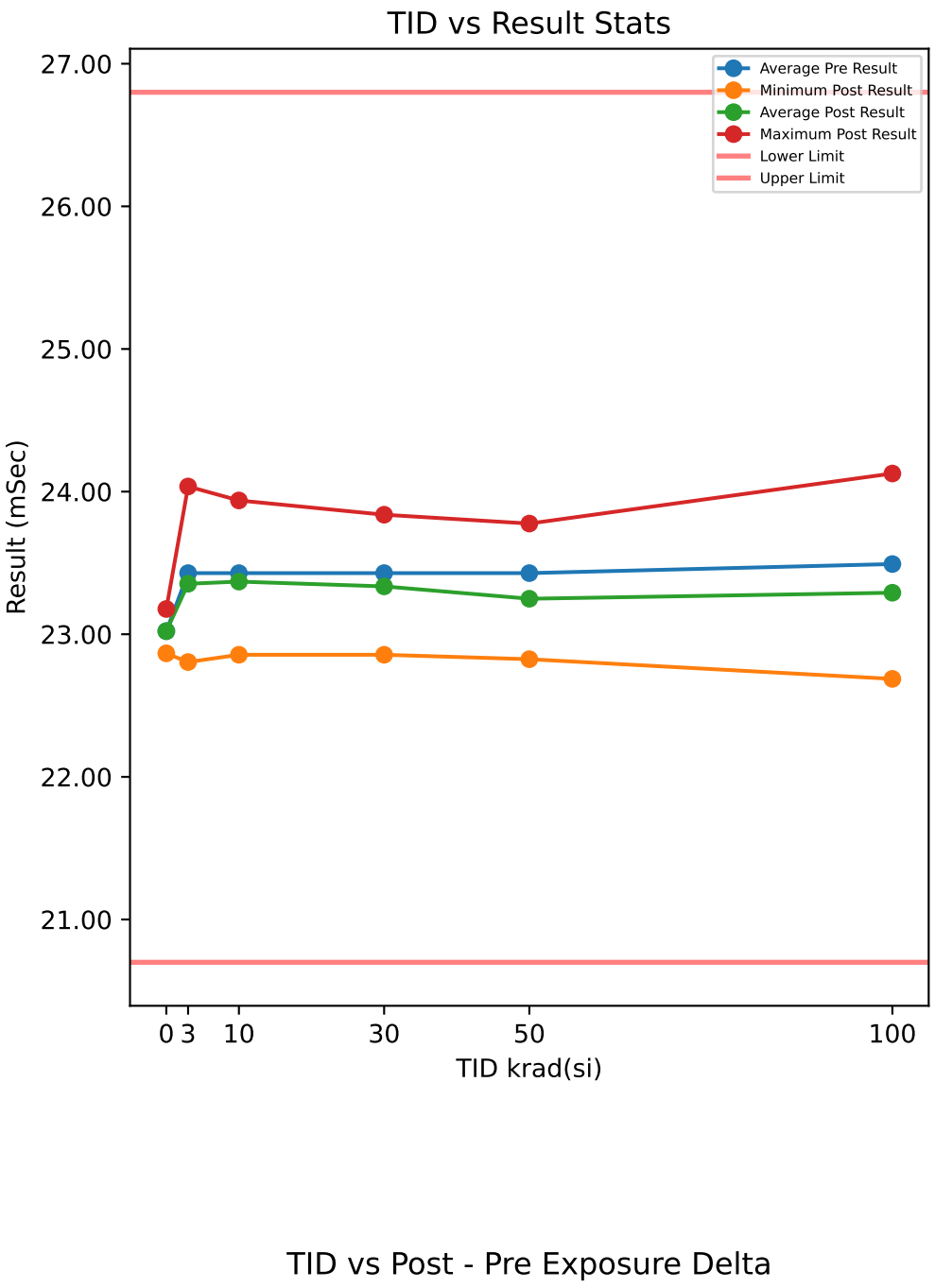
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

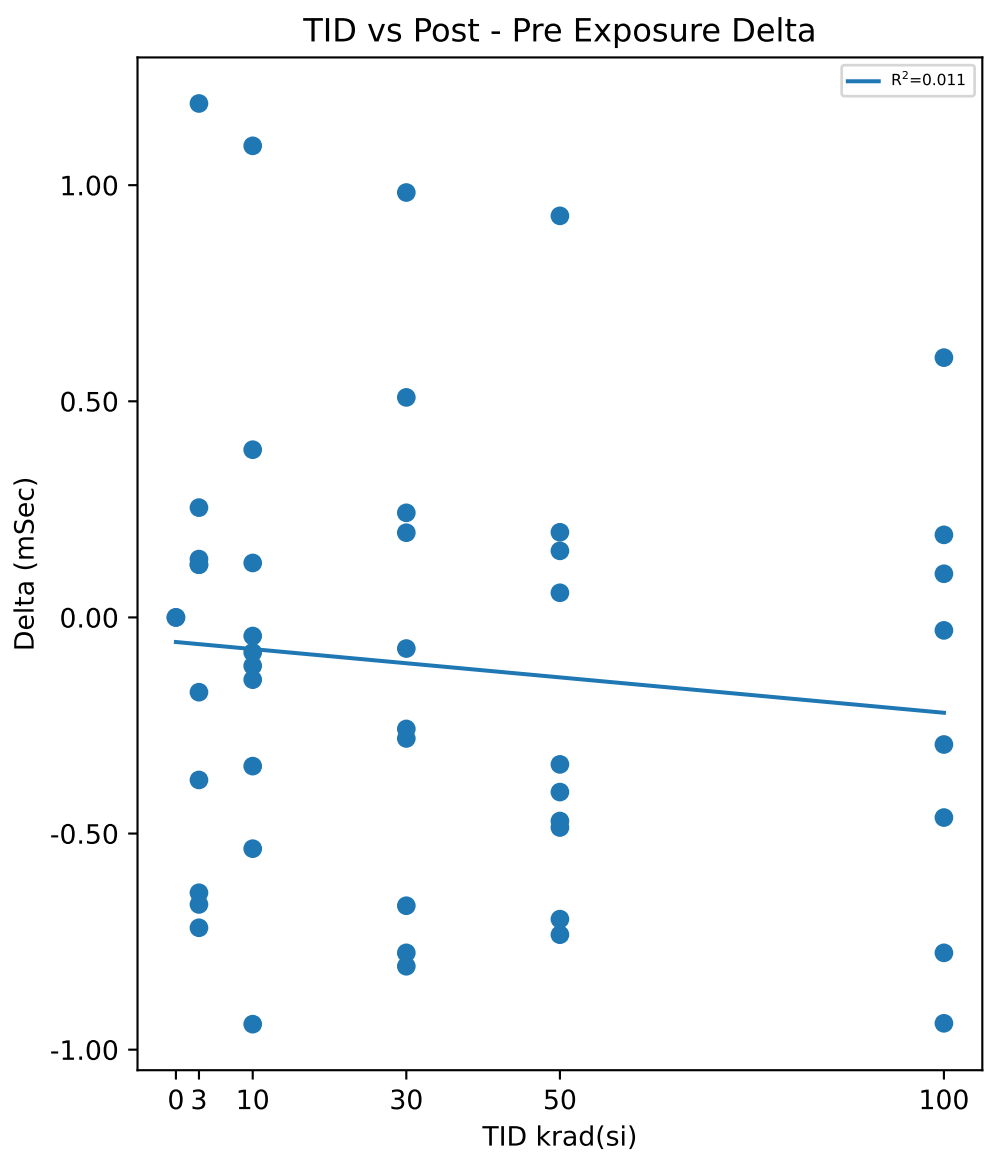
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.252	12.252	0
7	0	Correlation	12.309	12.309	0
16	3	LDR-Biased	12.387	12.655	0.268
18	3	LDR-Biased	12.368	12.373	0.005
19	3	LDR-Biased	12.266	12.259	-0.007
20	3	LDR-Biased	12.332	12.245	-0.087
21	3	LDR-Biased	12.378	12.384	0.006
22	3	LDR-Unbiased	12.55	12.426	-0.124
23	3	LDR-Unbiased	12.499	12.151	-0.348
25	3	LDR-Unbiased	12.385	12.338	-0.047
26	3	LDR-Unbiased	12.191	12.74	0.549
27	3	LDR-Unbiased	12.693	12.24	-0.453
46	10	LDR-Biased	12.387	12.616	0.229
48	10	LDR-Biased	12.368	12.334	-0.034
49	10	LDR-Biased	12.266	12.203	-0.063
50	10	LDR-Biased	12.332	12.212	-0.12
51	10	LDR-Biased	12.378	12.338	-0.04
52	10	LDR-Unbiased	12.55	12.432	-0.118
53	10	LDR-Unbiased	12.499	12.21	-0.289
55	10	LDR-Unbiased	12.385	12.372	-0.013
56	10	LDR-Unbiased	12.191	12.649	0.458
57	10	LDR-Unbiased	12.693	12.25	-0.443
76	30	LDR-Biased	12.387	12.623	0.236
78	30	LDR-Biased	12.368	12.343	-0.025
79	30	LDR-Biased	12.266	12.203	-0.063
80	30	LDR-Biased	12.332	12.207	-0.125
81	30	LDR-Biased	12.378	12.311	-0.067
82	30	LDR-Unbiased	12.55	12.368	-0.182
83	30	LDR-Unbiased	12.499	12.19	-0.309
84	30	LDR-Unbiased	12.693	12.169	-0.524
85	30	LDR-Unbiased	12.385	12.382	-0.003
86	30	LDR-Unbiased	12.191	12.625	0.434
87	100	LDR-Biased	12.438	12.45	0.012
88	100	LDR-Biased	12.387	12.239	-0.148
90	100	LDR-Biased	12.372	12.261	-0.111
91	100	LDR-Unbiased	12.54	12.749	0.209
93	100	LDR-Unbiased	12.459	12.081	-0.378
94	100	LDR-Unbiased	12.389	12.301	-0.088
95	100	LDR-Unbiased	12.261	12.444	0.183
96	100	LDR-Unbiased	12.606	12.32	-0.286
106	50	LDR-Biased	12.387	12.598	0.211
108	50	LDR-Biased	12.368	12.344	-0.024
109	50	LDR-Biased	12.266	12.181	-0.085
110	50	LDR-Biased	12.332	12.299	-0.033
111	50	LDR-Biased	12.378	12.332	-0.046
112	50	LDR-Unbiased	12.55	12.36	-0.19
113	50	LDR-Unbiased	12.499	12.245	-0.254
115	50	LDR-Unbiased	12.385	12.328	-0.057
116	50	LDR-Unbiased	12.191	12.557	0.366
117	50	LDR-Unbiased	12.693	12.166	-0.527

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.252	12.28	12.309	0.040305	12.252	12.28	12.309	0.040305	0	0	0	0
3	12.191	12.405	12.693	0.14379	12.151	12.381	12.74	0.1868	-0.453	-0.0238	0.549	0.28267
10	12.191	12.405	12.693	0.14379	12.203	12.362	12.649	0.16216	-0.443	-0.0433	0.458	0.2491
30	12.191	12.405	12.693	0.14379	12.169	12.342	12.625	0.16762	-0.524	-0.0628	0.434	0.2651
50	12.191	12.405	12.693	0.14379	12.166	12.341	12.598	0.14163	-0.527	-0.0639	0.366	0.24273
100	12.261	12.431	12.606	0.10651	12.081	12.356	12.749	0.19773	-0.378	-0.075875	0.209	0.2063

Device Test: 4.44 treg_Res1p18M_SENSE1/SENSE1/7/14/0/1.18M/0/@REG_TIME_1MOHM





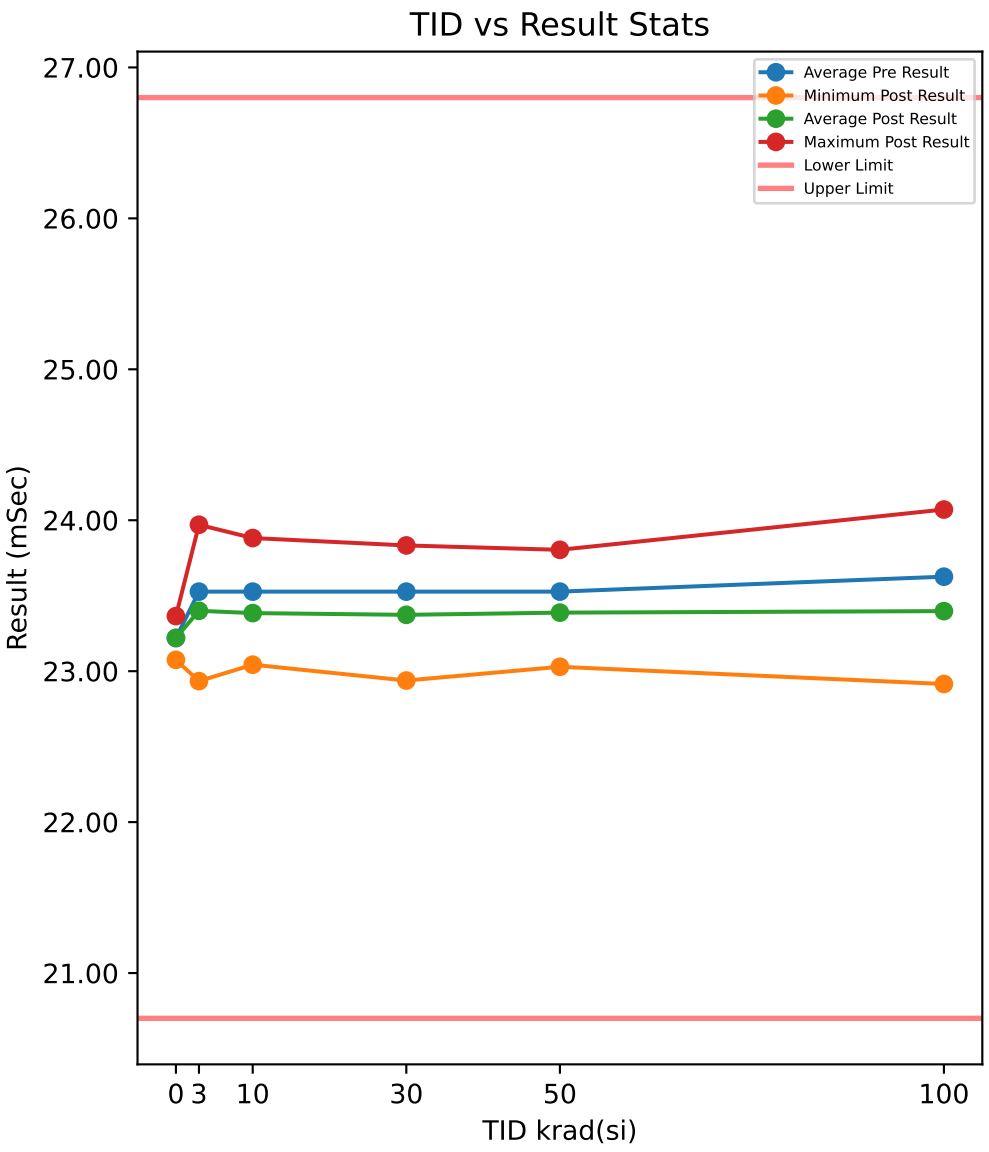
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

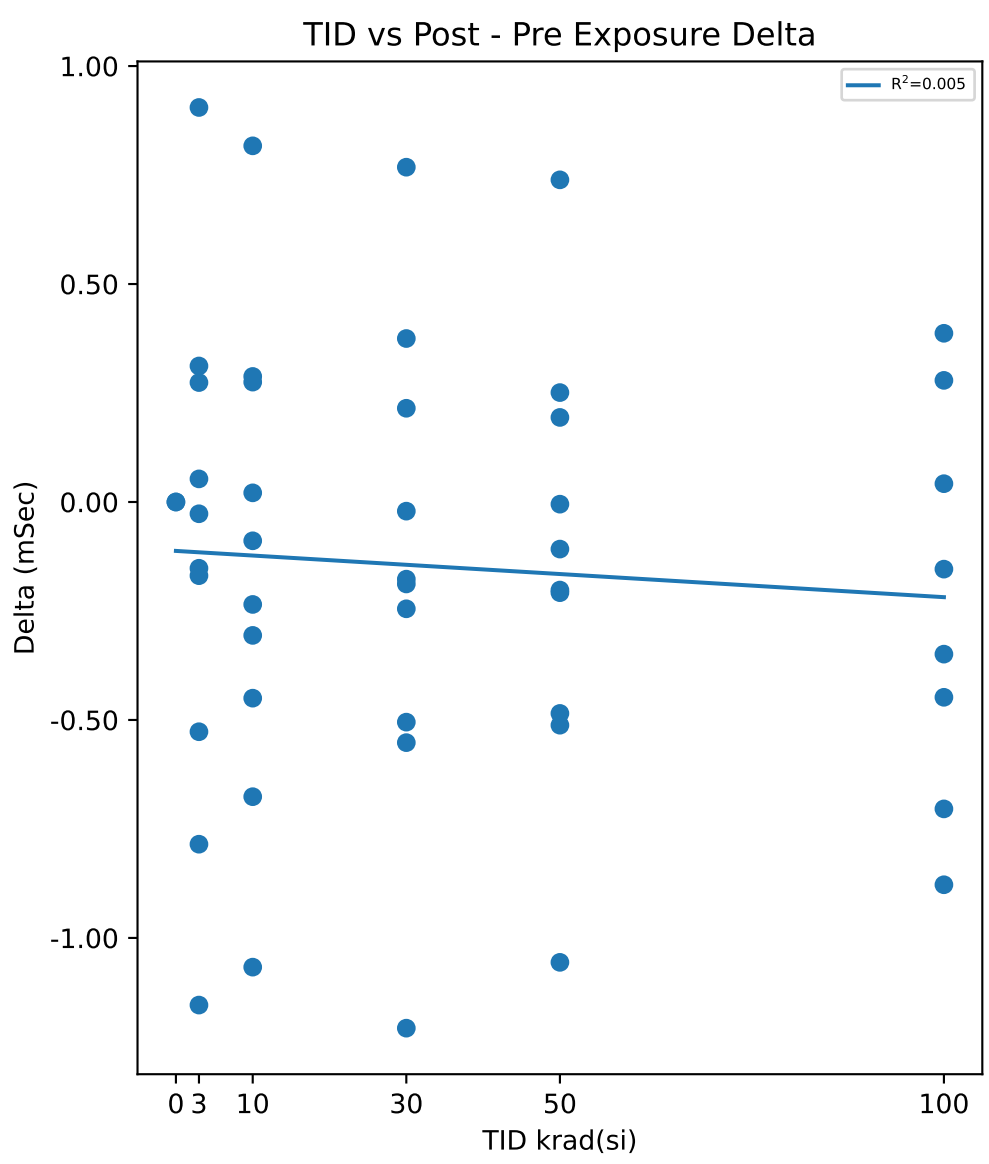
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	22.866	22.866	0
7	0	Correlation	23.177	23.177	0
16	3	LDR-Biased	23.329	23.451	0.122
18	3	LDR-Biased	23.18	23.434	0.254
19	3	LDR-Biased	23.523	22.805	-0.718
20	3	LDR-Biased	23.288	22.912	-0.376
21	3	LDR-Biased	23.613	23.44	-0.173
22	3	LDR-Unbiased	23.524	23.659	0.135
23	3	LDR-Unbiased	23.71	23.073	-0.637
25	3	LDR-Unbiased	23.474	23.596	0.122
26	3	LDR-Unbiased	22.847	24.036	1.189
27	3	LDR-Unbiased	23.797	23.133	-0.664
46	10	LDR-Biased	23.329	23.717	0.388
48	10	LDR-Biased	23.18	23.137	-0.043
49	10	LDR-Biased	23.523	23.179	-0.344
50	10	LDR-Biased	23.288	23.207	-0.081
51	10	LDR-Biased	23.613	23.469	-0.144
52	10	LDR-Unbiased	23.524	23.412	-0.112
53	10	LDR-Unbiased	23.71	23.175	-0.535
55	10	LDR-Unbiased	23.474	23.6	0.126
56	10	LDR-Unbiased	22.847	23.938	1.091
57	10	LDR-Unbiased	23.797	22.856	-0.941
76	30	LDR-Biased	23.329	23.838	0.509
78	30	LDR-Biased	23.18	23.376	0.196
79	30	LDR-Biased	23.523	22.856	-0.667
80	30	LDR-Biased	23.288	23.216	-0.072
81	30	LDR-Biased	23.613	23.333	-0.28
82	30	LDR-Unbiased	23.524	23.266	-0.258
83	30	LDR-Unbiased	23.71	22.903	-0.807
84	30	LDR-Unbiased	23.797	23.021	-0.776
85	30	LDR-Unbiased	23.474	23.716	0.242
86	30	LDR-Unbiased	22.847	23.83	0.983
87	100	LDR-Biased	23.745	23.451	-0.294
88	100	LDR-Biased	23.323	22.86	-0.463
90	100	LDR-Biased	23.219	23.189	-0.03
91	100	LDR-Unbiased	23.526	24.127	0.601
93	100	LDR-Unbiased	23.626	22.687	-0.939
94	100	LDR-Unbiased	23.286	23.477	0.191
95	100	LDR-Unbiased	23.391	23.492	0.101
96	100	LDR-Unbiased	23.821	23.045	-0.776
106	50	LDR-Biased	23.329	23.483	0.154
108	50	LDR-Biased	23.18	23.237	0.057
109	50	LDR-Biased	23.523	22.825	-0.698
110	50	LDR-Biased	23.288	22.948	-0.34
111	50	LDR-Biased	23.613	23.127	-0.486
112	50	LDR-Unbiased	23.524	23.12	-0.404
113	50	LDR-Unbiased	23.71	23.239	-0.471
115	50	LDR-Unbiased	23.474	23.671	0.197
116	50	LDR-Unbiased	22.847	23.776	0.929
117	50	LDR-Unbiased	23.797	23.063	-0.734

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	22.866	23.021	23.177	0.21991	22.866	23.021	23.177	0.21991	0	0	0	0
3	22.847	23.428	23.797	0.27863	22.805	23.354	24.036	0.37483	-0.718	-0.0746	1.189	0.57774
10	22.847	23.428	23.797	0.27863	22.856	23.369	23.938	0.32094	-0.941	-0.0595	1.091	0.54294
30	22.847	23.428	23.797	0.27863	22.856	23.335	23.838	0.36186	-0.807	-0.093	0.983	0.58541
50	22.847	23.428	23.797	0.27863	22.825	23.249	23.776	0.30683	-0.734	-0.1796	0.929	0.51306
100	23.219	23.492	23.821	0.22267	22.687	23.291	24.127	0.45055	-0.939	-0.20113	0.601	0.51684

Device Test: 4.45 treg_Res1p18M_SENSE2/SENSE2/7/14/0/1.18M/0/@REG_TIME_1MOHM





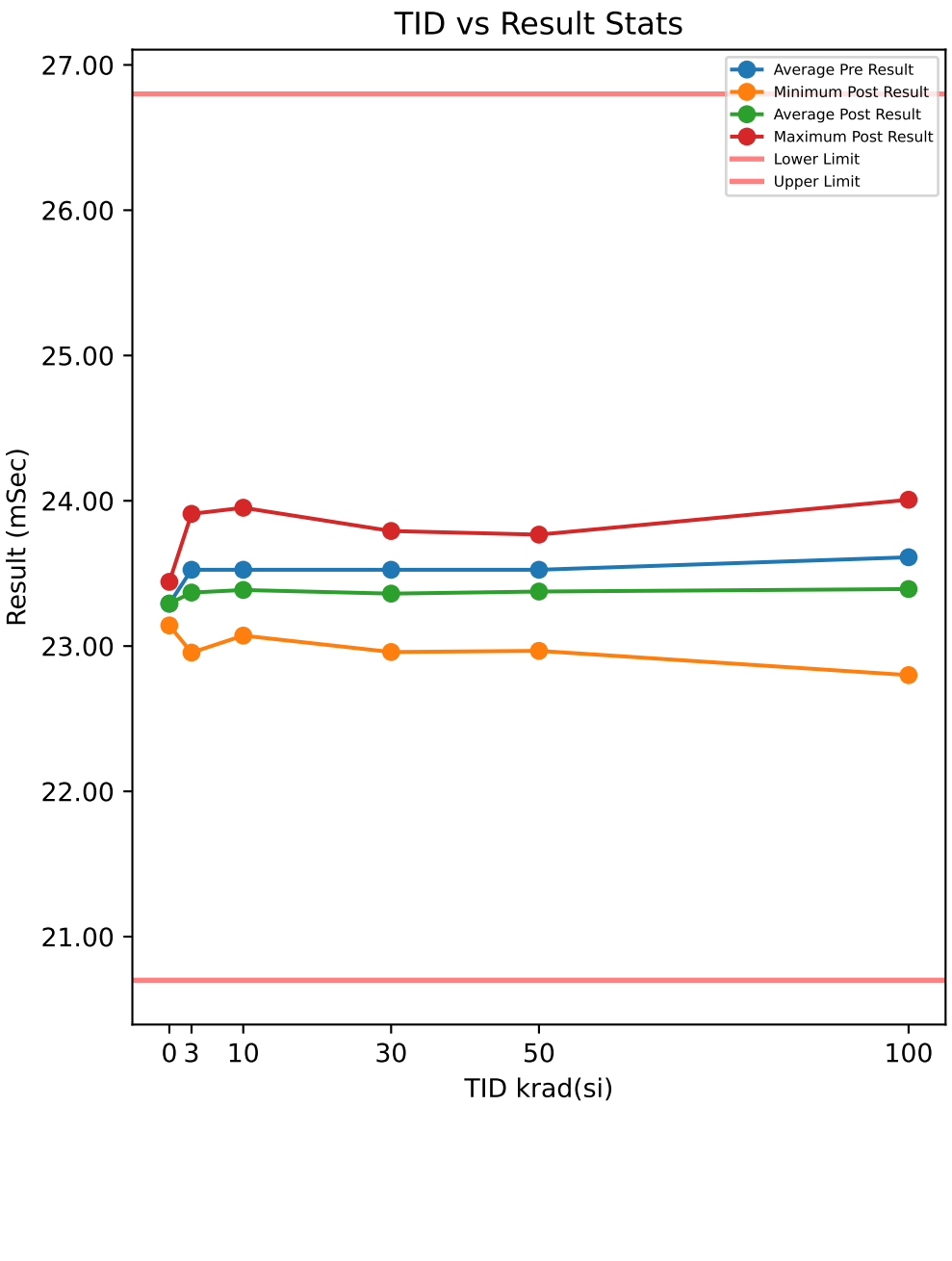
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

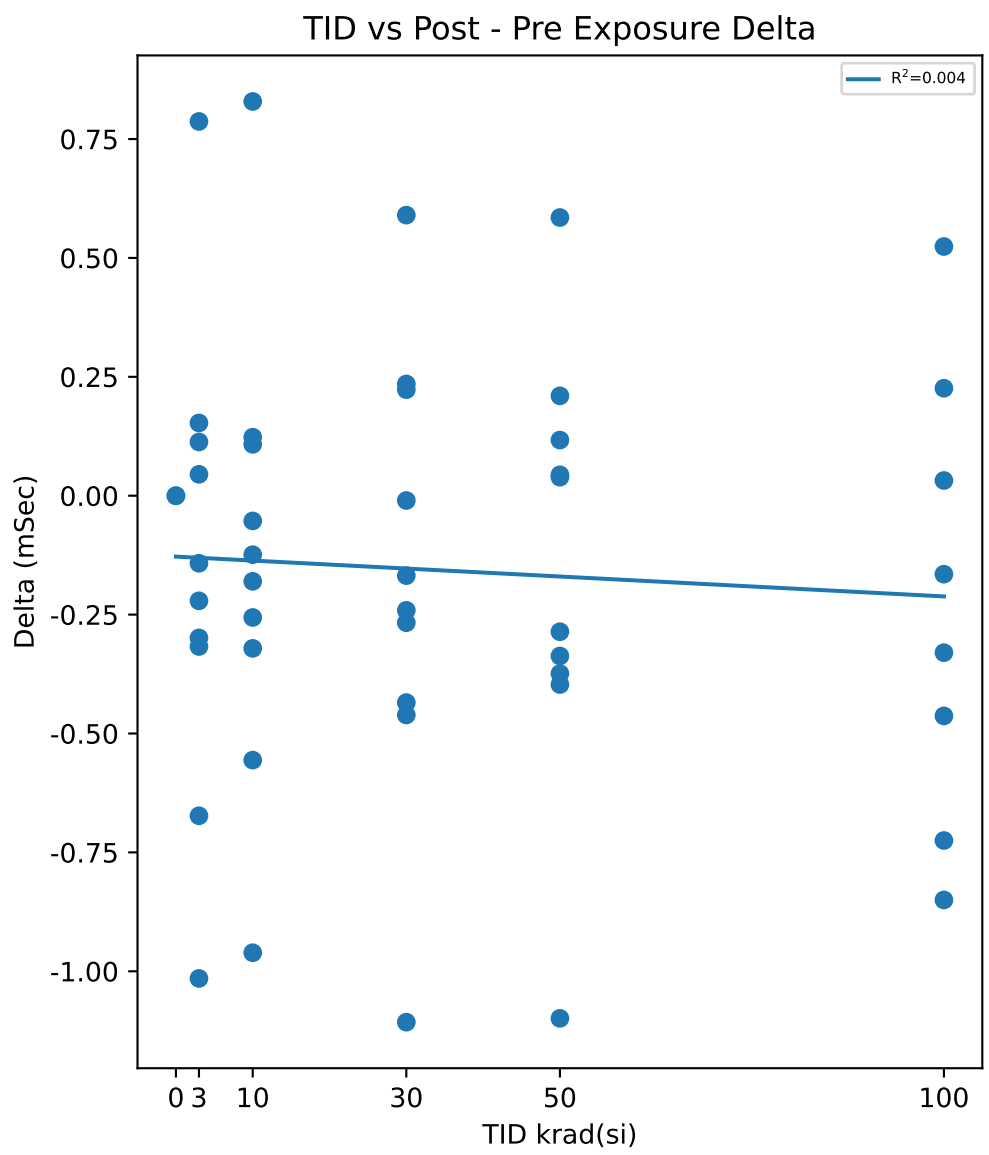
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.075	23.075	0
7	0	Correlation	23.365	23.365	0
16	3	LDR-Biased	23.48	23.792	0.312
18	3	LDR-Biased	23.401	23.454	0.053
19	3	LDR-Biased	23.541	23.014	-0.527
20	3	LDR-Biased	23.313	23.161	-0.152
21	3	LDR-Biased	23.604	23.435	-0.169
22	3	LDR-Unbiased	23.678	23.651	-0.027
23	3	LDR-Unbiased	23.719	22.934	-0.785
25	3	LDR-Unbiased	23.324	23.598	0.274
26	3	LDR-Unbiased	23.065	23.97	0.905
27	3	LDR-Unbiased	24.145	22.991	-1.154
46	10	LDR-Biased	23.48	23.755	0.275
48	10	LDR-Biased	23.401	23.422	0.021
49	10	LDR-Biased	23.541	23.091	-0.45
50	10	LDR-Biased	23.313	23.078	-0.235
51	10	LDR-Biased	23.604	23.298	-0.306
52	10	LDR-Unbiased	23.678	23.589	-0.089
53	10	LDR-Unbiased	23.719	23.043	-0.676
55	10	LDR-Unbiased	23.324	23.612	0.288
56	10	LDR-Unbiased	23.065	23.882	0.817
57	10	LDR-Unbiased	24.145	23.078	-1.067
76	30	LDR-Biased	23.48	23.695	0.215
78	30	LDR-Biased	23.401	23.38	-0.021
79	30	LDR-Biased	23.541	23.036	-0.505
80	30	LDR-Biased	23.313	23.136	-0.177
81	30	LDR-Biased	23.604	23.359	-0.245
82	30	LDR-Unbiased	23.678	23.49	-0.188
83	30	LDR-Unbiased	23.719	23.167	-0.552
84	30	LDR-Unbiased	24.145	22.938	-1.207
85	30	LDR-Unbiased	23.324	23.699	0.375
86	30	LDR-Unbiased	23.065	23.833	0.768
87	100	LDR-Biased	23.77	23.812	0.042
88	100	LDR-Biased	23.516	23.068	-0.448
90	100	LDR-Biased	23.402	23.053	-0.349
91	100	LDR-Unbiased	23.684	24.071	0.387
93	100	LDR-Unbiased	23.619	22.915	-0.704
94	100	LDR-Unbiased	23.507	23.353	-0.154
95	100	LDR-Unbiased	23.402	23.681	0.279
96	100	LDR-Unbiased	24.108	23.23	-0.878
106	50	LDR-Biased	23.48	23.674	0.194
108	50	LDR-Biased	23.401	23.396	-0.005
109	50	LDR-Biased	23.541	23.029	-0.512
110	50	LDR-Biased	23.313	23.205	-0.108
111	50	LDR-Biased	23.604	23.402	-0.202
112	50	LDR-Unbiased	23.678	23.47	-0.208
113	50	LDR-Unbiased	23.719	23.234	-0.485
115	50	LDR-Unbiased	23.324	23.575	0.251
116	50	LDR-Unbiased	23.065	23.804	0.739
117	50	LDR-Unbiased	24.145	23.089	-1.056

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.075	23.22	23.365	0.20506	23.075	23.22	23.365	0.20506	0	0	0	0
3	23.065	23.527	24.145	0.29179	22.934	23.4	23.97	0.3614	-1.154	-0.127	0.905	0.58794
10	23.065	23.527	24.145	0.29179	23.043	23.385	23.882	0.31232	-1.067	-0.1422	0.817	0.53531
30	23.065	23.527	24.145	0.29179	22.938	23.373	23.833	0.30494	-1.207	-0.1537	0.768	0.54611
50	23.065	23.527	24.145	0.29179	23.029	23.388	23.804	0.25217	-1.056	-0.1392	0.739	0.49004
100	23.402	23.626	24.108	0.23394	22.915	23.398	24.071	0.41333	-0.878	-0.22812	0.387	0.45131

Device Test: 4.46 treg_Res1p18M_SENSE3/SENSE3/7/14/0/1.18M/0/@REG_TIME_1MOHM





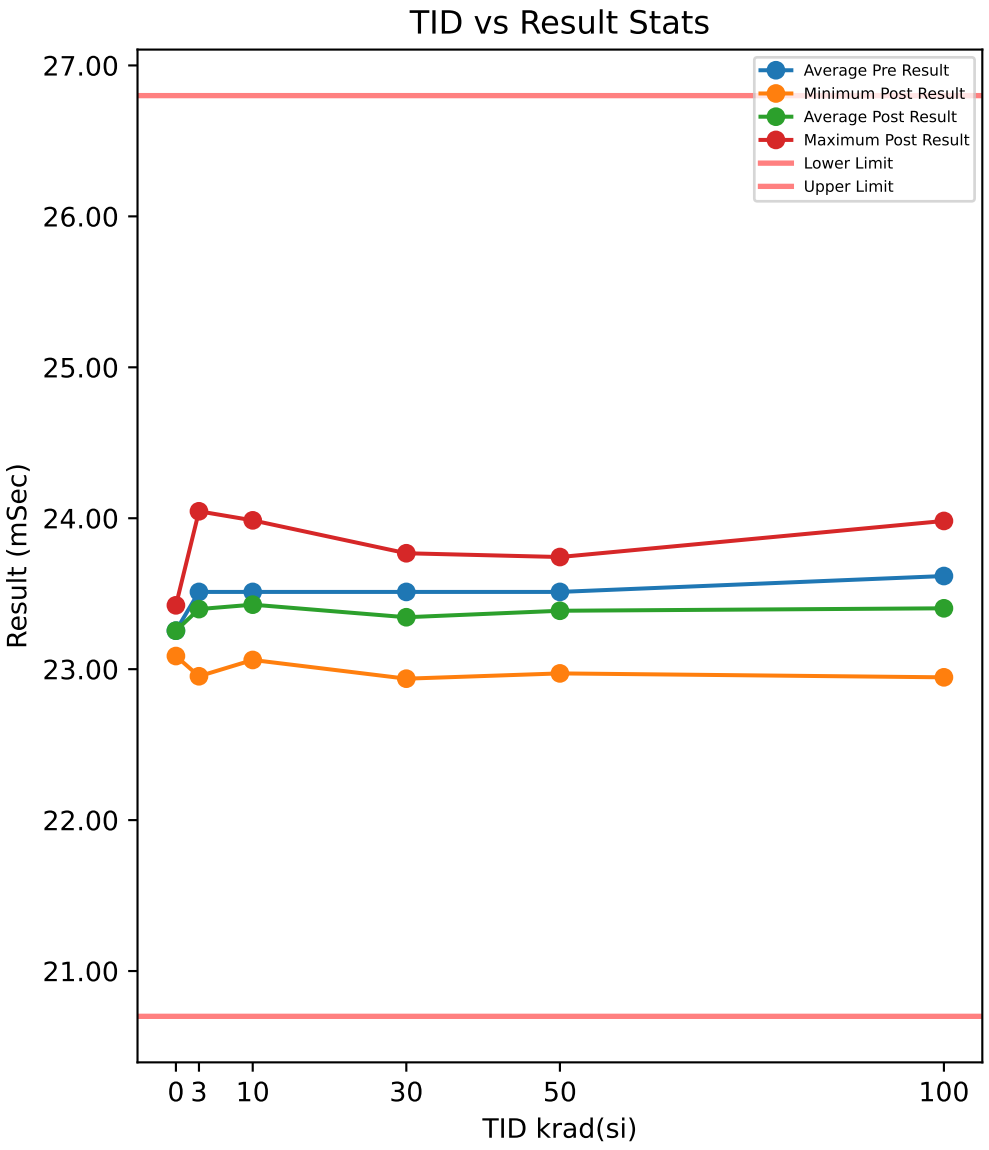
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

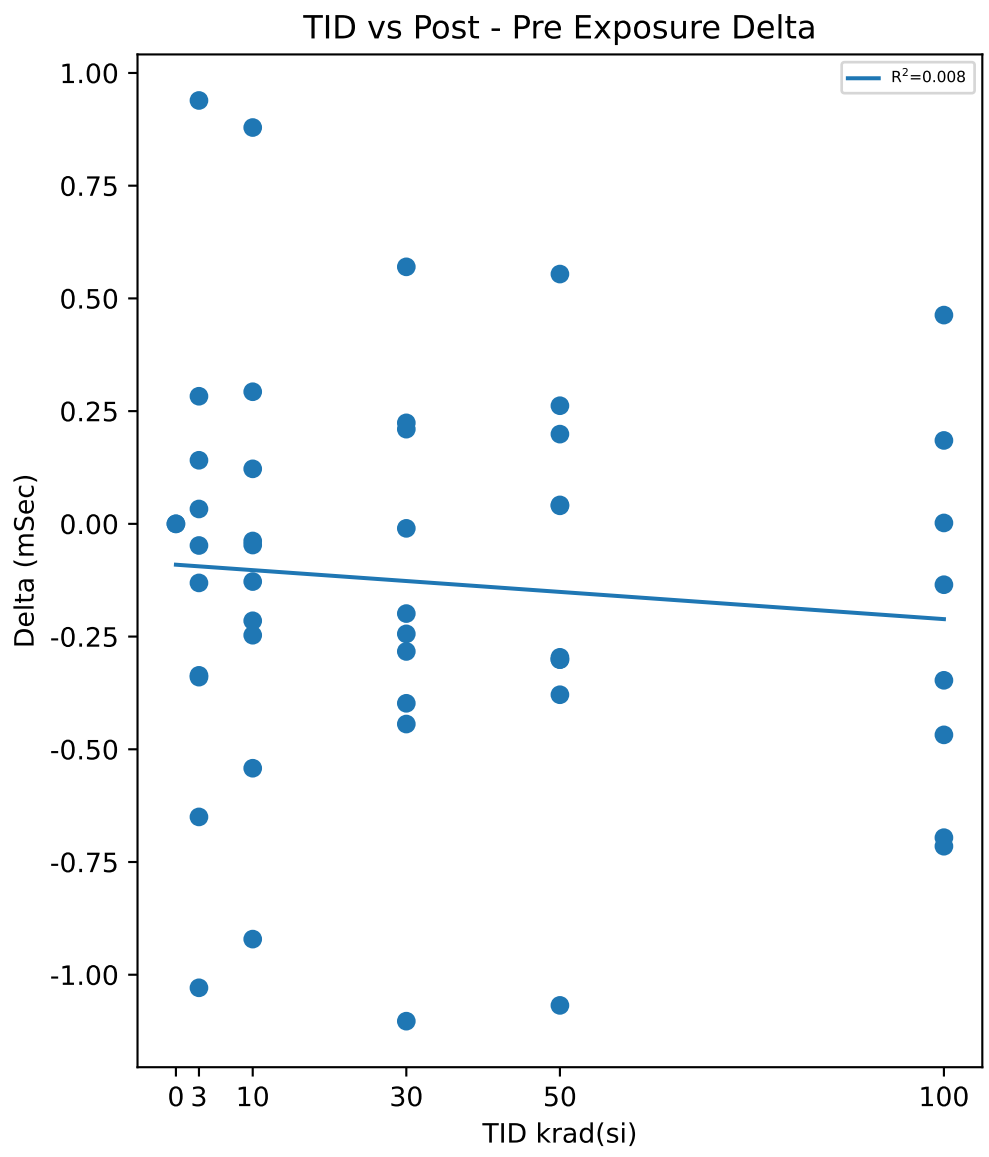
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.142	23.142	0
7	0	Correlation	23.442	23.442	0
16	3	LDR-Biased	23.557	23.71	0.153
18	3	LDR-Biased	23.48	23.338	-0.142
19	3	LDR-Biased	23.362	23.063	-0.299
20	3	LDR-Biased	23.187	23.232	0.045
21	3	LDR-Biased	23.684	23.367	-0.317
22	3	LDR-Unbiased	23.774	23.553	-0.221
23	3	LDR-Unbiased	23.628	22.955	-0.673
25	3	LDR-Unbiased	23.39	23.503	0.113
26	3	LDR-Unbiased	23.123	23.91	0.787
27	3	LDR-Unbiased	24.066	23.051	-1.015
46	10	LDR-Biased	23.557	23.665	0.108
48	10	LDR-Biased	23.48	23.3	-0.18
49	10	LDR-Biased	23.362	23.106	-0.256
50	10	LDR-Biased	23.187	23.134	-0.053
51	10	LDR-Biased	23.684	23.363	-0.321
52	10	LDR-Unbiased	23.774	23.65	-0.124
53	10	LDR-Unbiased	23.628	23.072	-0.556
55	10	LDR-Unbiased	23.39	23.513	0.123
56	10	LDR-Unbiased	23.123	23.952	0.829
57	10	LDR-Unbiased	24.066	23.105	-0.961
76	30	LDR-Biased	23.557	23.792	0.235
78	30	LDR-Biased	23.48	23.312	-0.168
79	30	LDR-Biased	23.362	23.095	-0.267
80	30	LDR-Biased	23.187	23.177	-0.01
81	30	LDR-Biased	23.684	23.223	-0.461
82	30	LDR-Unbiased	23.774	23.533	-0.241
83	30	LDR-Unbiased	23.628	23.193	-0.435
84	30	LDR-Unbiased	24.066	22.959	-1.107
85	30	LDR-Unbiased	23.39	23.613	0.223
86	30	LDR-Unbiased	23.123	23.713	0.59
87	100	LDR-Biased	23.679	23.711	0.032
88	100	LDR-Biased	23.597	23.134	-0.463
90	100	LDR-Biased	23.462	23.132	-0.33
91	100	LDR-Unbiased	23.781	24.007	0.226
93	100	LDR-Unbiased	23.525	22.8	-0.725
94	100	LDR-Unbiased	23.598	23.433	-0.165
95	100	LDR-Unbiased	23.245	23.769	0.524
96	100	LDR-Unbiased	24.003	23.153	-0.85
106	50	LDR-Biased	23.557	23.767	0.21
108	50	LDR-Biased	23.48	23.519	0.039
109	50	LDR-Biased	23.362	23.076	-0.286
110	50	LDR-Biased	23.187	23.231	0.044
111	50	LDR-Biased	23.684	23.287	-0.397
112	50	LDR-Unbiased	23.774	23.4	-0.374
113	50	LDR-Unbiased	23.628	23.291	-0.337
115	50	LDR-Unbiased	23.39	23.507	0.117
116	50	LDR-Unbiased	23.123	23.708	0.585
117	50	LDR-Unbiased	24.066	22.967	-1.099

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.142	23.292	23.442	0.21213	23.142	23.292	23.442	0.21213	0	0	0	0
3	23.123	23.525	24.066	0.28171	22.955	23.368	23.91	0.30671	-1.015	-0.1569	0.787	0.48915
10	23.123	23.525	24.066	0.28171	23.072	23.386	23.952	0.30026	-0.961	-0.1391	0.829	0.46814
30	23.123	23.525	24.066	0.28171	22.959	23.361	23.792	0.28258	-1.107	-0.1641	0.59	0.4677
50	23.123	23.525	24.066	0.28171	22.967	23.375	23.767	0.25706	-1.099	-0.1498	0.585	0.45701
100	23.245	23.611	24.003	0.22396	22.8	23.392	24.007	0.40805	-0.85	-0.21887	0.524	0.46935

Device Test: 4.47 treg_Res1p18M_SENSE4/SENSE4/7/14/0/1.18M/0/@REG_TIME_1MOHM





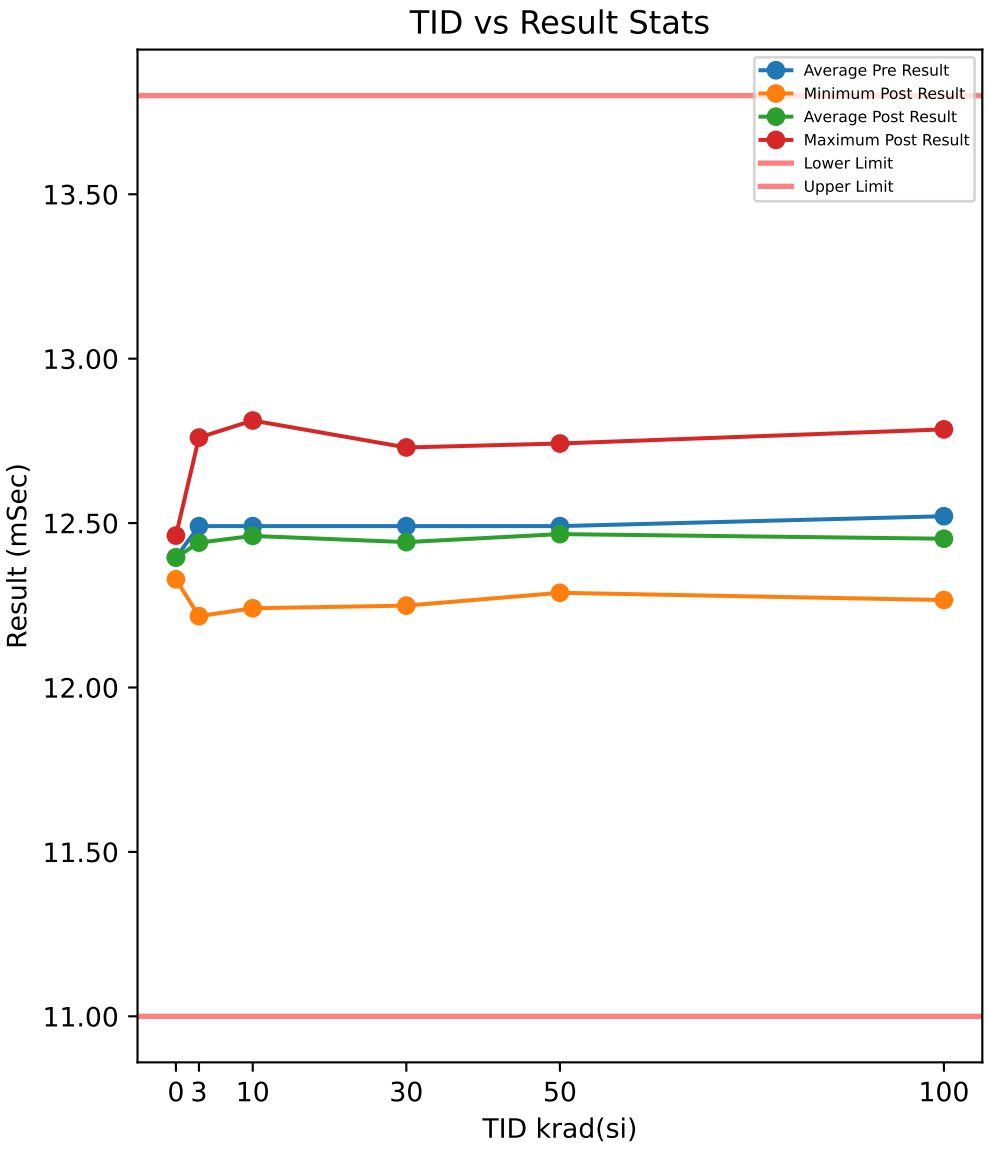
Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

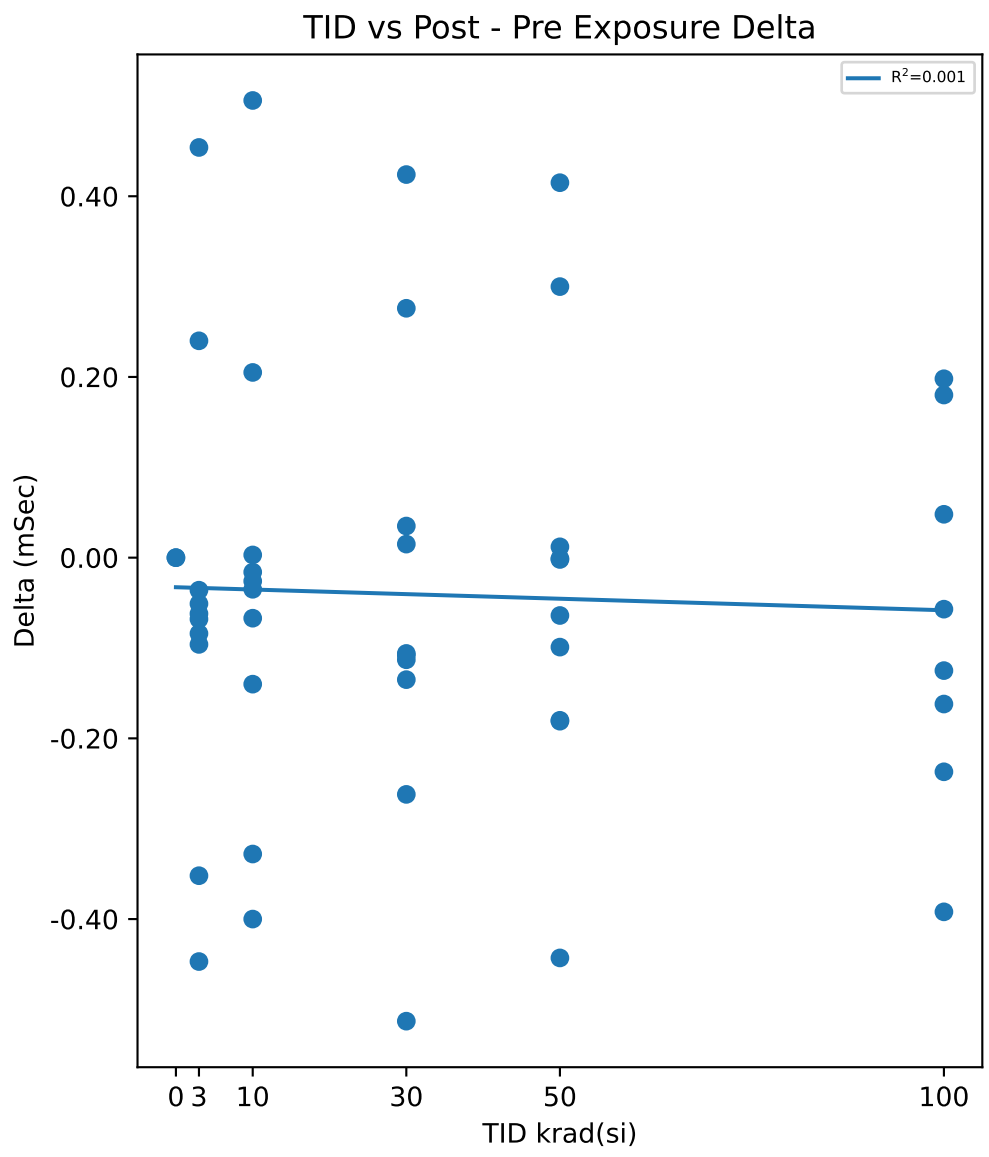
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.087	23.087	0
7	0	Correlation	23.423	23.423	0
16	3	LDR-Biased	23.544	23.685	0.141
18	3	LDR-Biased	23.454	23.323	-0.131
19	3	LDR-Biased	23.379	23.039	-0.34
20	3	LDR-Biased	23.176	23.209	0.033
21	3	LDR-Biased	23.68	23.344	-0.336
22	3	LDR-Unbiased	23.754	23.706	-0.048
23	3	LDR-Unbiased	23.603	22.953	-0.65
25	3	LDR-Unbiased	23.381	23.664	0.283
26	3	LDR-Unbiased	23.107	24.046	0.939
27	3	LDR-Unbiased	24.04	23.011	-1.029
46	10	LDR-Biased	23.544	23.666	0.122
48	10	LDR-Biased	23.454	23.416	-0.038
49	10	LDR-Biased	23.379	23.132	-0.247
50	10	LDR-Biased	23.176	23.129	-0.047
51	10	LDR-Biased	23.68	23.465	-0.215
52	10	LDR-Unbiased	23.754	23.626	-0.128
53	10	LDR-Unbiased	23.603	23.061	-0.542
55	10	LDR-Unbiased	23.381	23.674	0.293
56	10	LDR-Unbiased	23.107	23.986	0.879
57	10	LDR-Unbiased	24.04	23.119	-0.921
76	30	LDR-Biased	23.544	23.768	0.224
78	30	LDR-Biased	23.454	23.255	-0.199
79	30	LDR-Biased	23.379	23.096	-0.283
80	30	LDR-Biased	23.176	23.166	-0.01
81	30	LDR-Biased	23.68	23.236	-0.444
82	30	LDR-Unbiased	23.754	23.51	-0.244
83	30	LDR-Unbiased	23.603	23.205	-0.398
84	30	LDR-Unbiased	24.04	22.937	-1.103
85	30	LDR-Unbiased	23.381	23.591	0.21
86	30	LDR-Unbiased	23.107	23.677	0.57
87	100	LDR-Biased	23.656	23.658	0.002
88	100	LDR-Biased	23.556	23.088	-0.468
90	100	LDR-Biased	23.458	23.111	-0.347
91	100	LDR-Unbiased	23.797	23.982	0.185
93	100	LDR-Unbiased	23.642	22.946	-0.696
94	100	LDR-Unbiased	23.534	23.399	-0.135
95	100	LDR-Unbiased	23.265	23.728	0.463
96	100	LDR-Unbiased	24.029	23.314	-0.715
106	50	LDR-Biased	23.544	23.743	0.199
108	50	LDR-Biased	23.454	23.494	0.04
109	50	LDR-Biased	23.379	23.083	-0.296
110	50	LDR-Biased	23.176	23.218	0.042
111	50	LDR-Biased	23.68	23.379	-0.301
112	50	LDR-Unbiased	23.754	23.375	-0.379
113	50	LDR-Unbiased	23.603	23.302	-0.301
115	50	LDR-Unbiased	23.381	23.643	0.262
116	50	LDR-Unbiased	23.107	23.661	0.554
117	50	LDR-Unbiased	24.04	22.972	-1.068

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.087	23.255	23.423	0.23759	23.087	23.255	23.423	0.23759	0	0	0	0
3	23.107	23.512	24.04	0.27689	22.953	23.398	24.046	0.36344	-1.029	-0.1138	0.939	0.53568
10	23.107	23.512	24.04	0.27689	23.061	23.427	23.986	0.31206	-0.921	-0.0844	0.879	0.47975
30	23.107	23.512	24.04	0.27689	22.937	23.344	23.768	0.27426	-1.103	-0.1677	0.57	0.45819
50	23.107	23.512	24.04	0.27689	22.972	23.387	23.743	0.25373	-1.068	-0.1248	0.554	0.44918
100	23.265	23.617	24.029	0.22806	22.946	23.403	23.982	0.35999	-0.715	-0.21387	0.463	0.4202

Device Test: 4.5 treg_Res619K_SENSE2/SENSE2/1.6/3/0/619K/0/@REG_TIME_500KOHM





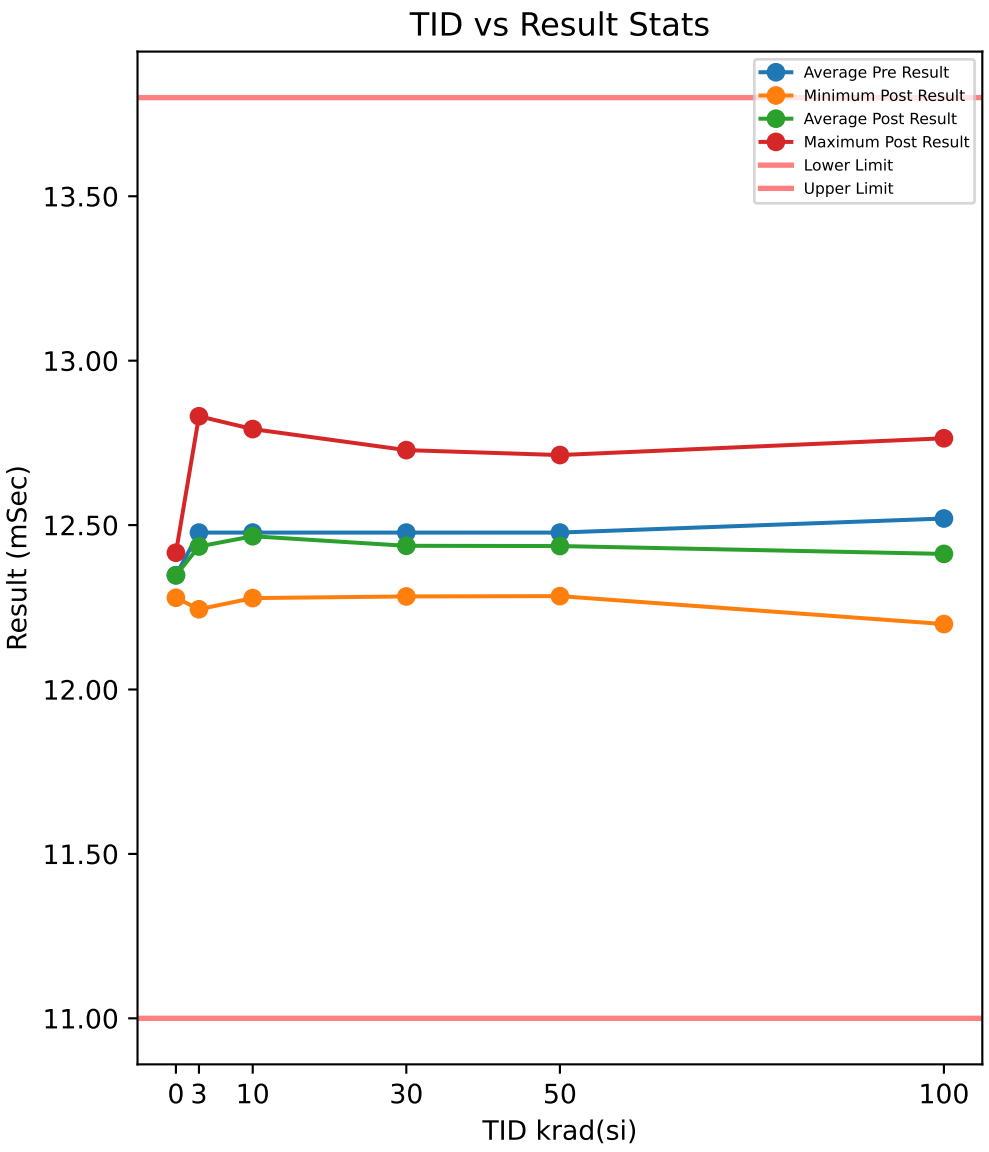
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

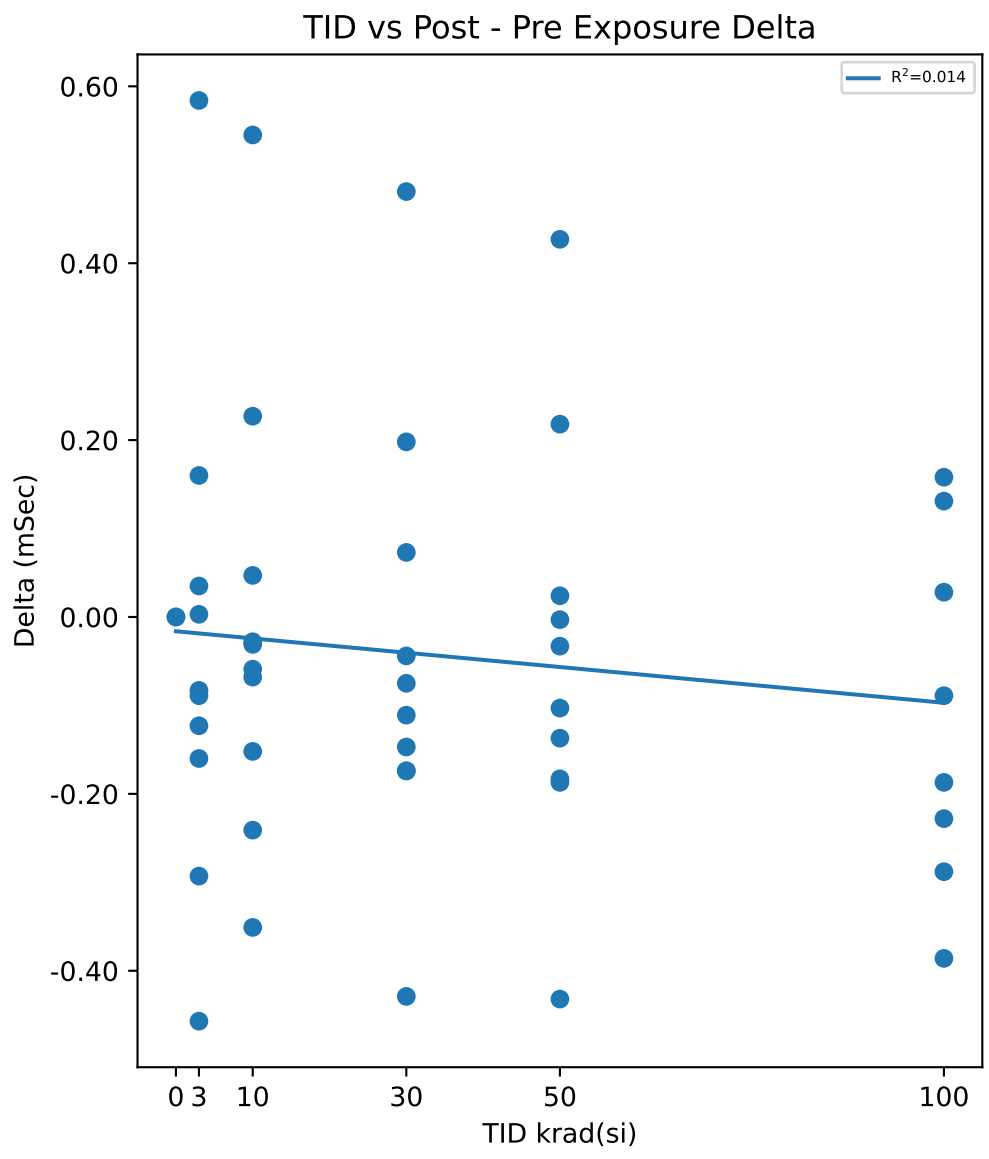
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.329	12.329	0
7	0	Correlation	12.462	12.462	0
16	3	LDR-Biased	12.442	12.682	0.24
18	3	LDR-Biased	12.497	12.446	-0.051
19	3	LDR-Biased	12.352	12.316	-0.036
20	3	LDR-Biased	12.397	12.301	-0.096
21	3	LDR-Biased	12.521	12.459	-0.062
22	3	LDR-Unbiased	12.588	12.504	-0.084
23	3	LDR-Unbiased	12.569	12.217	-0.352
25	3	LDR-Unbiased	12.474	12.406	-0.068
26	3	LDR-Unbiased	12.306	12.76	0.454
27	3	LDR-Unbiased	12.762	12.315	-0.447
46	10	LDR-Biased	12.442	12.647	0.205
48	10	LDR-Biased	12.497	12.43	-0.067
49	10	LDR-Biased	12.352	12.336	-0.016
50	10	LDR-Biased	12.397	12.371	-0.026
51	10	LDR-Biased	12.521	12.486	-0.035
52	10	LDR-Unbiased	12.588	12.448	-0.14
53	10	LDR-Unbiased	12.569	12.241	-0.328
55	10	LDR-Unbiased	12.474	12.477	0.003
56	10	LDR-Unbiased	12.306	12.812	0.506
57	10	LDR-Unbiased	12.762	12.362	-0.4
76	30	LDR-Biased	12.442	12.718	0.276
78	30	LDR-Biased	12.497	12.391	-0.106
79	30	LDR-Biased	12.352	12.367	0.015
80	30	LDR-Biased	12.397	12.284	-0.113
81	30	LDR-Biased	12.521	12.386	-0.135
82	30	LDR-Unbiased	12.588	12.48	-0.108
83	30	LDR-Unbiased	12.569	12.307	-0.262
84	30	LDR-Unbiased	12.762	12.249	-0.513
85	30	LDR-Unbiased	12.474	12.509	0.035
86	30	LDR-Unbiased	12.306	12.73	0.424
87	100	LDR-Biased	12.546	12.594	0.048
88	100	LDR-Biased	12.446	12.321	-0.125
90	100	LDR-Biased	12.492	12.33	-0.162
91	100	LDR-Unbiased	12.587	12.785	0.198
93	100	LDR-Unbiased	12.503	12.266	-0.237
94	100	LDR-Unbiased	12.512	12.455	-0.057
95	100	LDR-Unbiased	12.327	12.507	0.18
96	100	LDR-Unbiased	12.754	12.362	-0.392
106	50	LDR-Biased	12.442	12.742	0.3
108	50	LDR-Biased	12.497	12.495	-0.002
109	50	LDR-Biased	12.352	12.288	-0.064
110	50	LDR-Biased	12.397	12.396	-0.001
111	50	LDR-Biased	12.521	12.422	-0.099
112	50	LDR-Unbiased	12.588	12.407	-0.181
113	50	LDR-Unbiased	12.569	12.389	-0.18
115	50	LDR-Unbiased	12.474	12.486	0.012
116	50	LDR-Unbiased	12.306	12.721	0.415
117	50	LDR-Unbiased	12.762	12.319	-0.443

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.329	12.396	12.462	0.094045	12.329	12.396	12.462	0.094045	0	0	0	0
3	12.306	12.491	12.762	0.13121	12.217	12.441	12.76	0.17213	-0.447	-0.0502	0.454	0.25623
10	12.306	12.491	12.762	0.13121	12.241	12.461	12.812	0.16389	-0.4	-0.0298	0.506	0.25452
30	12.306	12.491	12.762	0.13121	12.249	12.442	12.73	0.16894	-0.513	-0.0487	0.424	0.26234
50	12.306	12.491	12.762	0.13121	12.288	12.466	12.742	0.15347	-0.443	-0.0243	0.415	0.24308
100	12.327	12.521	12.754	0.12176	12.266	12.453	12.785	0.17272	-0.392	-0.068375	0.198	0.20405

Device Test: 4.6 treg_Res619K_SENSE3/SENSE3/1.6/3/0/619K/0/@REG_TIME_500KOHM





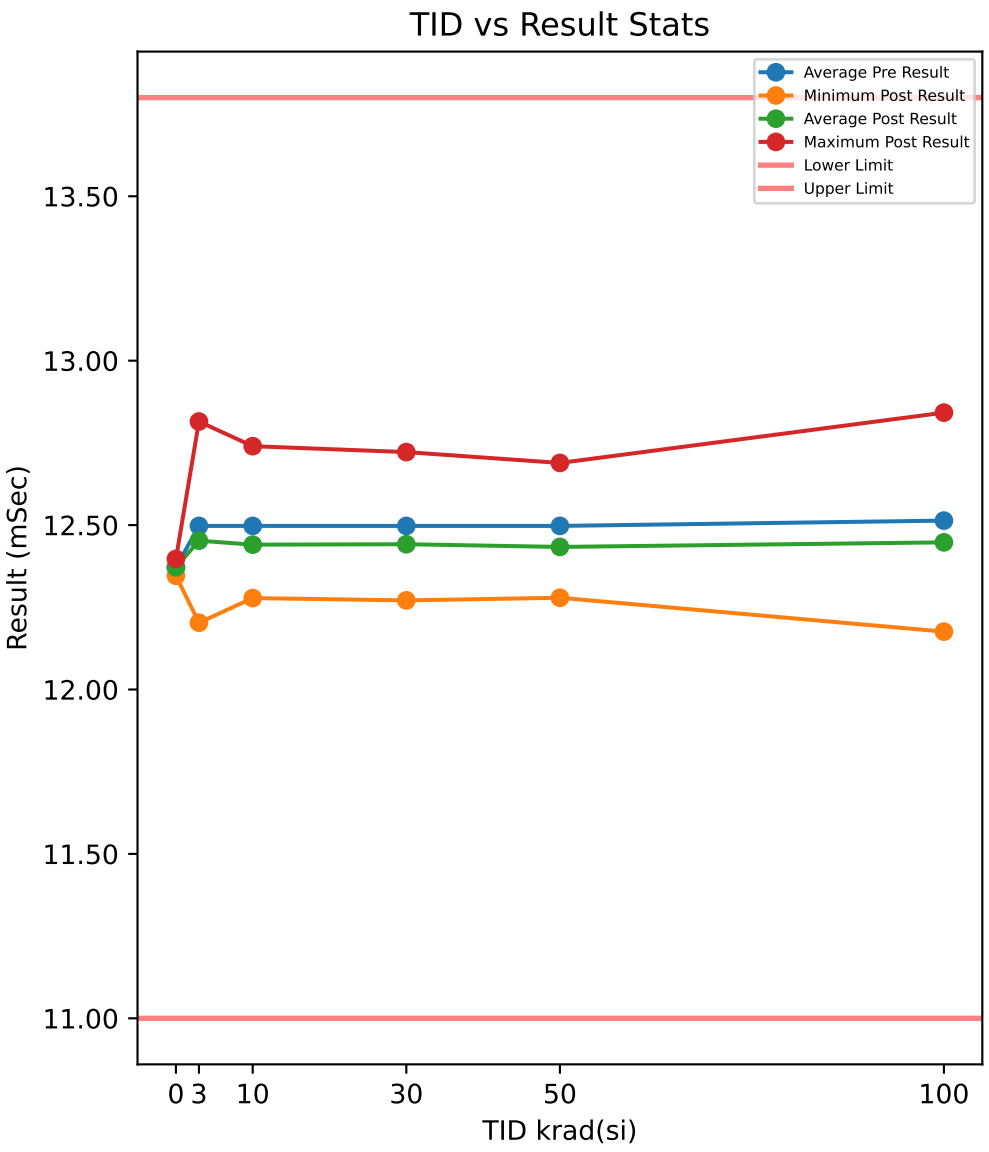
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

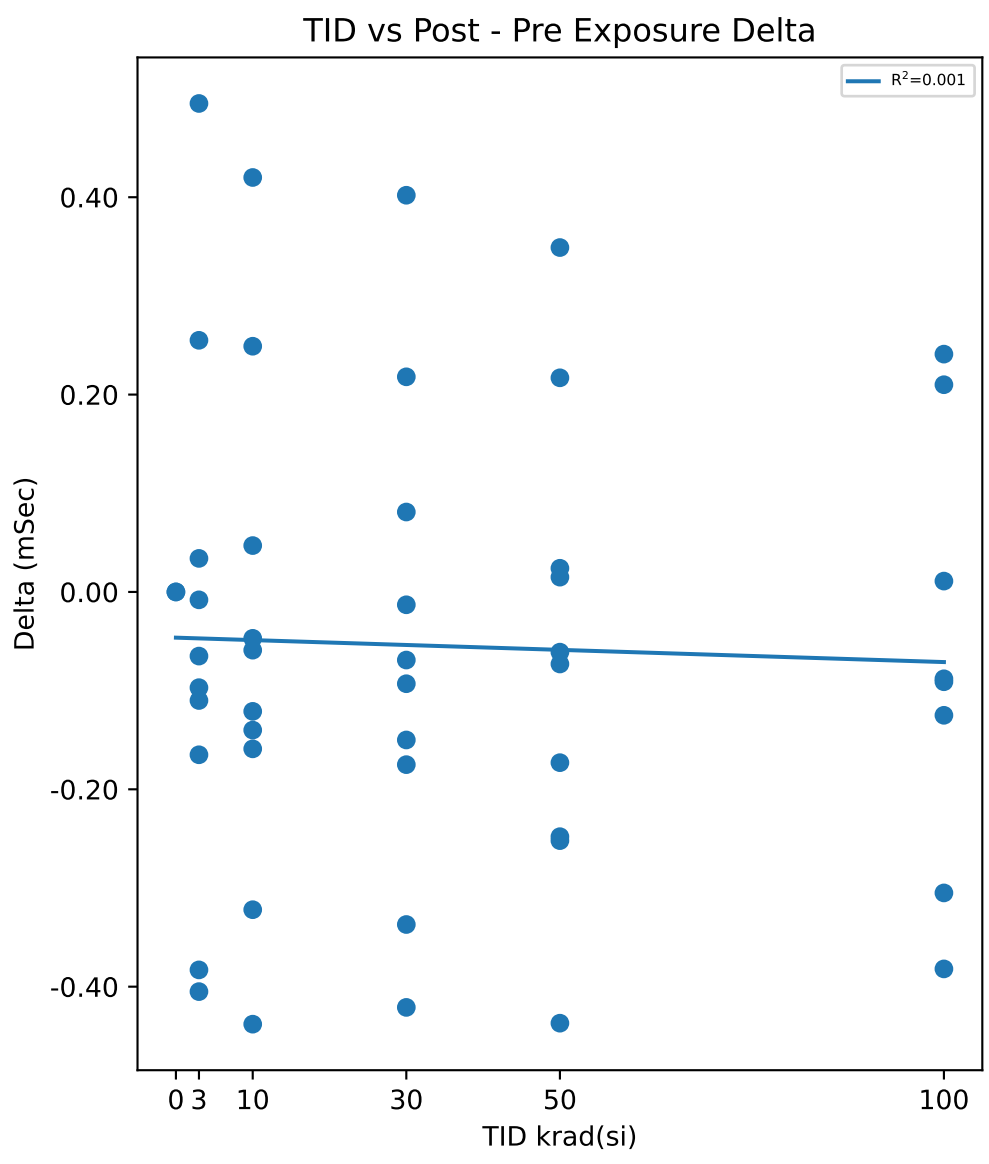
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.279	12.279	0
7	0	Correlation	12.416	12.416	0
16	3	LDR-Biased	12.495	12.655	0.16
18	3	LDR-Biased	12.479	12.396	-0.083
19	3	LDR-Biased	12.43	12.27	-0.16
20	3	LDR-Biased	12.346	12.349	0.003
21	3	LDR-Biased	12.546	12.423	-0.123
22	3	LDR-Unbiased	12.552	12.463	-0.089
23	3	LDR-Unbiased	12.537	12.244	-0.293
25	3	LDR-Unbiased	12.424	12.459	0.035
26	3	LDR-Unbiased	12.247	12.831	0.584
27	3	LDR-Unbiased	12.716	12.259	-0.457
46	10	LDR-Biased	12.495	12.722	0.227
48	10	LDR-Biased	12.479	12.448	-0.031
49	10	LDR-Biased	12.43	12.371	-0.059
50	10	LDR-Biased	12.346	12.278	-0.068
51	10	LDR-Biased	12.546	12.394	-0.152
52	10	LDR-Unbiased	12.552	12.524	-0.028
53	10	LDR-Unbiased	12.537	12.296	-0.241
55	10	LDR-Unbiased	12.424	12.471	0.047
56	10	LDR-Unbiased	12.247	12.792	0.545
57	10	LDR-Unbiased	12.716	12.365	-0.351
76	30	LDR-Biased	12.495	12.693	0.198
78	30	LDR-Biased	12.479	12.368	-0.111
79	30	LDR-Biased	12.43	12.283	-0.147
80	30	LDR-Biased	12.346	12.302	-0.044
81	30	LDR-Biased	12.546	12.372	-0.174
82	30	LDR-Unbiased	12.552	12.477	-0.075
83	30	LDR-Unbiased	12.537	12.363	-0.174
84	30	LDR-Unbiased	12.716	12.287	-0.429
85	30	LDR-Unbiased	12.424	12.497	0.073
86	30	LDR-Unbiased	12.247	12.728	0.481
87	100	LDR-Biased	12.531	12.559	0.028
88	100	LDR-Biased	12.498	12.27	-0.228
90	100	LDR-Biased	12.453	12.266	-0.187
91	100	LDR-Unbiased	12.606	12.764	0.158
93	100	LDR-Unbiased	12.487	12.199	-0.288
94	100	LDR-Unbiased	12.495	12.406	-0.089
95	100	LDR-Unbiased	12.349	12.48	0.131
96	100	LDR-Unbiased	12.741	12.355	-0.386
106	50	LDR-Biased	12.495	12.713	0.218
108	50	LDR-Biased	12.479	12.503	0.024
109	50	LDR-Biased	12.43	12.293	-0.137
110	50	LDR-Biased	12.346	12.313	-0.033
111	50	LDR-Biased	12.546	12.443	-0.103
112	50	LDR-Unbiased	12.552	12.369	-0.183
113	50	LDR-Unbiased	12.537	12.35	-0.187
115	50	LDR-Unbiased	12.424	12.421	-0.003
116	50	LDR-Unbiased	12.247	12.674	0.427
117	50	LDR-Unbiased	12.716	12.284	-0.432

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.279	12.348	12.416	0.096874	12.279	12.348	12.416	0.096874	0	0	0	0
3	12.247	12.477	12.716	0.12759	12.244	12.435	12.831	0.18569	-0.457	-0.0423	0.584	0.27893
10	12.247	12.477	12.716	0.12759	12.278	12.466	12.792	0.17133	-0.351	-0.0111	0.545	0.25028
30	12.247	12.477	12.716	0.12759	12.283	12.437	12.728	0.16136	-0.429	-0.0402	0.481	0.24626
50	12.247	12.477	12.716	0.12759	12.284	12.436	12.713	0.15228	-0.432	-0.0409	0.427	0.23553
100	12.349	12.52	12.741	0.11482	12.199	12.412	12.764	0.18527	-0.386	-0.10762	0.158	0.19895

Device Test: 4.7 treg_Res619K_SENSE4/SENSE4/1.6/3/0/619K/0/@REG_TIME_500KOHM





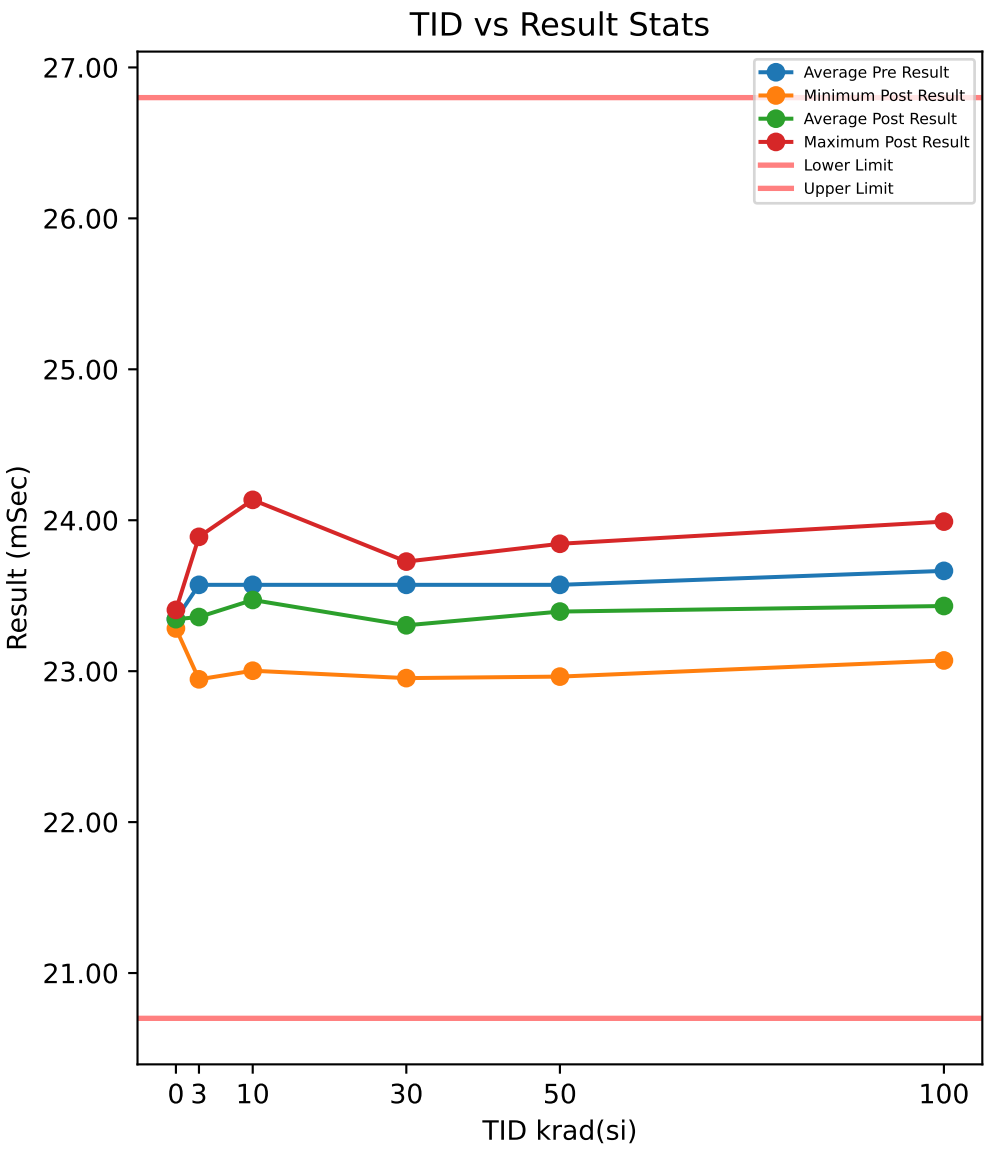
Test Results (Lower Limit = 11.0, Upper Limit = 13.8 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.346	12.346	0
7	0	Correlation	12.397	12.397	0
16	3	LDR-Biased	12.472	12.727	0.255
18	3	LDR-Biased	12.453	12.445	-0.008
19	3	LDR-Biased	12.405	12.34	-0.065
20	3	LDR-Biased	12.418	12.308	-0.11
21	3	LDR-Biased	12.556	12.391	-0.165
22	3	LDR-Unbiased	12.629	12.532	-0.097
23	3	LDR-Unbiased	12.608	12.203	-0.405
25	3	LDR-Unbiased	12.398	12.432	0.034
26	3	LDR-Unbiased	12.32	12.815	0.495
27	3	LDR-Unbiased	12.716	12.333	-0.383
46	10	LDR-Biased	12.472	12.721	0.249
48	10	LDR-Biased	12.453	12.406	-0.047
49	10	LDR-Biased	12.405	12.284	-0.121
50	10	LDR-Biased	12.418	12.359	-0.059
51	10	LDR-Biased	12.556	12.397	-0.159
52	10	LDR-Unbiased	12.629	12.489	-0.14
53	10	LDR-Unbiased	12.608	12.286	-0.322
55	10	LDR-Unbiased	12.398	12.445	0.047
56	10	LDR-Unbiased	12.32	12.74	0.42
57	10	LDR-Unbiased	12.716	12.278	-0.438
76	30	LDR-Biased	12.472	12.69	0.218
78	30	LDR-Biased	12.453	12.44	-0.013
79	30	LDR-Biased	12.405	12.336	-0.069
80	30	LDR-Biased	12.418	12.325	-0.093
81	30	LDR-Biased	12.556	12.406	-0.15
82	30	LDR-Unbiased	12.629	12.454	-0.175
83	30	LDR-Unbiased	12.608	12.271	-0.337
84	30	LDR-Unbiased	12.716	12.295	-0.421
85	30	LDR-Unbiased	12.398	12.479	0.081
86	30	LDR-Unbiased	12.32	12.722	0.402
87	100	LDR-Biased	12.523	12.534	0.011
88	100	LDR-Biased	12.469	12.344	-0.125
90	100	LDR-Biased	12.433	12.345	-0.088
91	100	LDR-Unbiased	12.601	12.842	0.241
93	100	LDR-Unbiased	12.558	12.176	-0.382
94	100	LDR-Unbiased	12.472	12.381	-0.091
95	100	LDR-Unbiased	12.335	12.545	0.21
96	100	LDR-Unbiased	12.718	12.413	-0.305
106	50	LDR-Biased	12.472	12.689	0.217
108	50	LDR-Biased	12.453	12.477	0.024
109	50	LDR-Biased	12.405	12.344	-0.061
110	50	LDR-Biased	12.418	12.345	-0.073
111	50	LDR-Biased	12.556	12.383	-0.173
112	50	LDR-Unbiased	12.629	12.381	-0.248
113	50	LDR-Unbiased	12.608	12.356	-0.252
115	50	LDR-Unbiased	12.398	12.413	0.015
116	50	LDR-Unbiased	12.32	12.669	0.349
117	50	LDR-Unbiased	12.716	12.279	-0.437

Test Statistics (mSec)

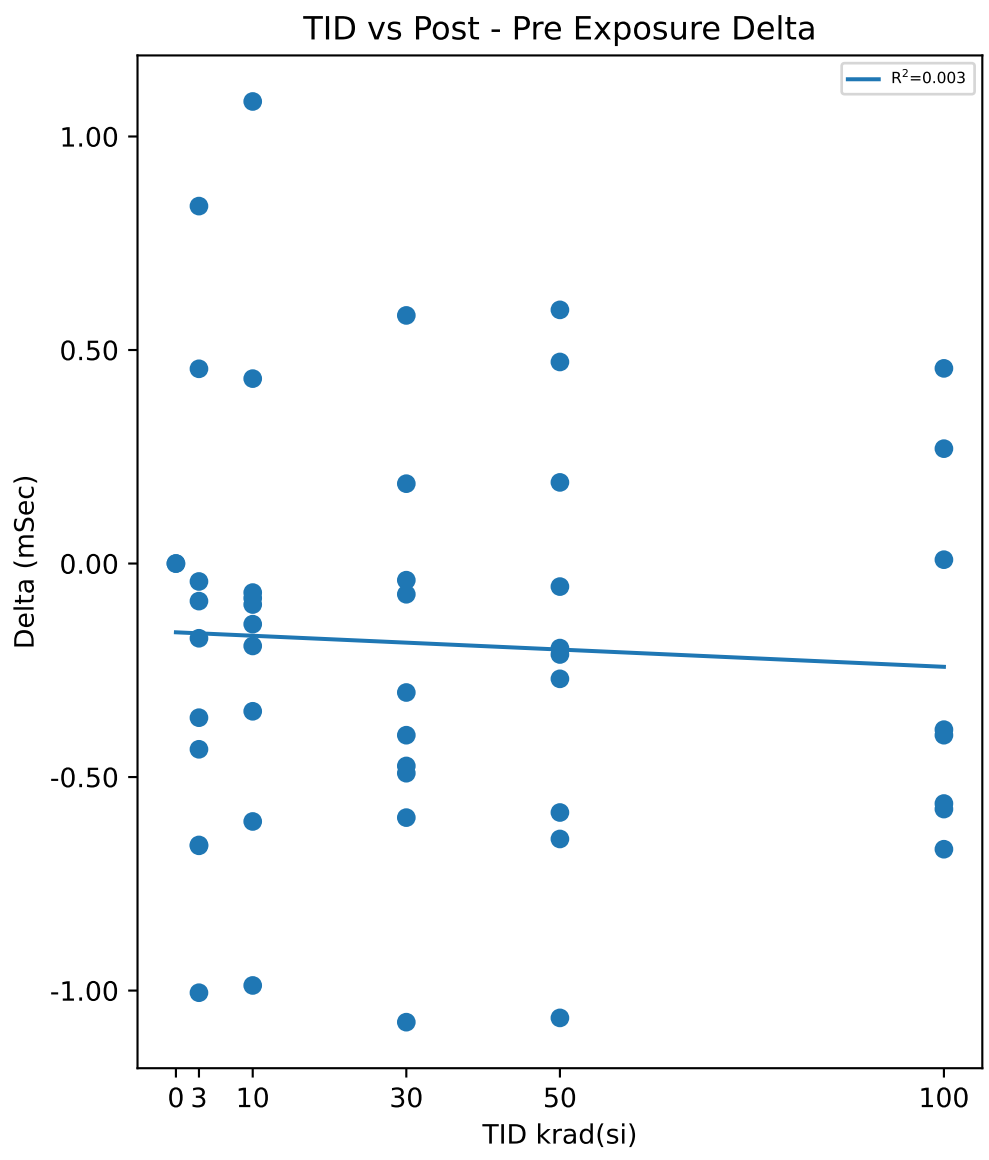
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.346	12.372	12.397	0.036062	12.346	12.372	12.397	0.036062	0	0	0	0
3	12.32	12.497	12.716	0.12453	12.203	12.453	12.815	0.19073	-0.405	-0.0449	0.495	0.26973
10	12.32	12.497	12.716	0.12453	12.278	12.441	12.74	0.16841	-0.438	-0.057	0.42	0.25141
30	12.32	12.497	12.716	0.12453	12.271	12.442	12.722	0.15581	-0.421	-0.0557	0.402	0.24544
50	12.32	12.497	12.716	0.12453	12.279	12.434	12.689	0.13908	-0.437	-0.0639	0.349	0.23186
100	12.335	12.514	12.718	0.11563	12.176	12.447	12.842	0.19754	-0.382	-0.066125	0.241	0.21971

Device Test: 4.8 treg_Res1p18M_SENSE1/SENSE1/1.6/3/0/1.18M/0/@REG_TIME_1MOHM



Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

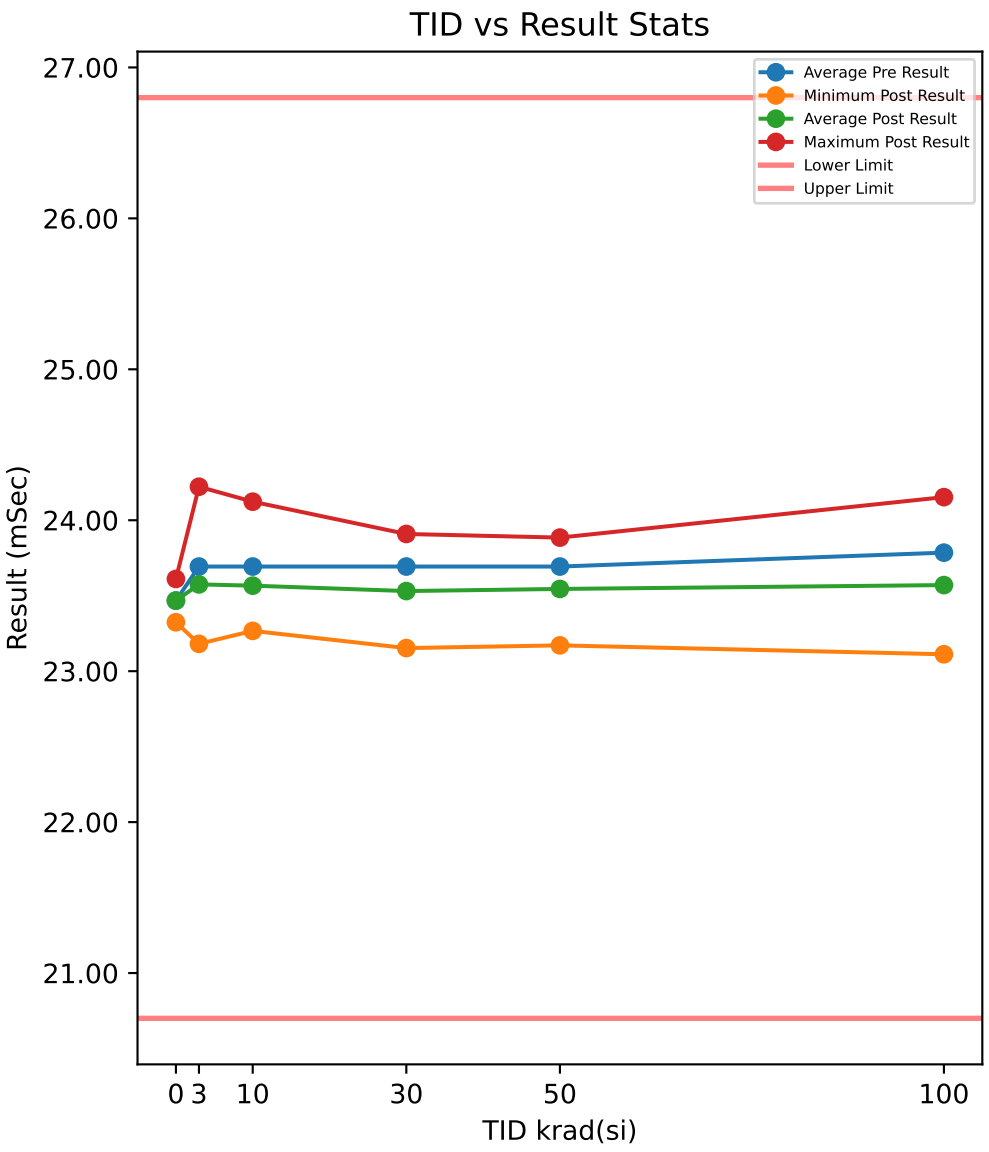
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.283	23.283	0
7	0	Correlation	23.406	23.406	0
16	3	LDR-Biased	23.765	23.677	-0.088
18	3	LDR-Biased	23.643	23.282	-0.361
19	3	LDR-Biased	23.635	22.976	-0.659
20	3	LDR-Biased	23.175	23.133	-0.042
21	3	LDR-Biased	23.496	23.321	-0.175
22	3	LDR-Unbiased	23.946	23.511	-0.435
23	3	LDR-Unbiased	23.607	22.946	-0.661
25	3	LDR-Unbiased	23.372	23.828	0.456
26	3	LDR-Unbiased	23.053	23.89	0.837
27	3	LDR-Unbiased	24.028	23.023	-1.005
46	10	LDR-Biased	23.765	23.623	-0.142
48	10	LDR-Biased	23.643	23.562	-0.081
49	10	LDR-Biased	23.635	23.289	-0.346
50	10	LDR-Biased	23.175	23.107	-0.068
51	10	LDR-Biased	23.496	23.303	-0.193
52	10	LDR-Unbiased	23.946	23.85	-0.096
53	10	LDR-Unbiased	23.607	23.003	-0.604
55	10	LDR-Unbiased	23.372	23.805	0.433
56	10	LDR-Unbiased	23.053	24.135	1.082
57	10	LDR-Unbiased	24.028	23.04	-0.988
76	30	LDR-Biased	23.765	23.726	-0.039
78	30	LDR-Biased	23.643	23.241	-0.402
79	30	LDR-Biased	23.635	23.04	-0.595
80	30	LDR-Biased	23.175	23.103	-0.072
81	30	LDR-Biased	23.496	23.194	-0.302
82	30	LDR-Unbiased	23.946	23.472	-0.474
83	30	LDR-Unbiased	23.607	23.116	-0.491
84	30	LDR-Unbiased	24.028	22.954	-1.074
85	30	LDR-Unbiased	23.372	23.559	0.187
86	30	LDR-Unbiased	23.053	23.634	0.581
87	100	LDR-Biased	23.662	23.671	0.009
88	100	LDR-Biased	23.74	23.071	-0.669
90	100	LDR-Biased	23.645	23.083	-0.562
91	100	LDR-Unbiased	23.722	23.991	0.269
93	100	LDR-Unbiased	23.487	23.098	-0.389
94	100	LDR-Unbiased	23.76	23.358	-0.402
95	100	LDR-Unbiased	23.246	23.703	0.457
96	100	LDR-Unbiased	24.054	23.479	-0.575
106	50	LDR-Biased	23.765	23.711	-0.054
108	50	LDR-Biased	23.643	23.43	-0.213
109	50	LDR-Biased	23.635	23.052	-0.583
110	50	LDR-Biased	23.175	23.365	0.19
111	50	LDR-Biased	23.496	23.226	-0.27
112	50	LDR-Unbiased	23.946	23.301	-0.645
113	50	LDR-Unbiased	23.607	23.409	-0.198
115	50	LDR-Unbiased	23.372	23.844	0.472
116	50	LDR-Unbiased	23.053	23.647	0.594
117	50	LDR-Unbiased	24.028	22.964	-1.064



Test Statistics (mSec)

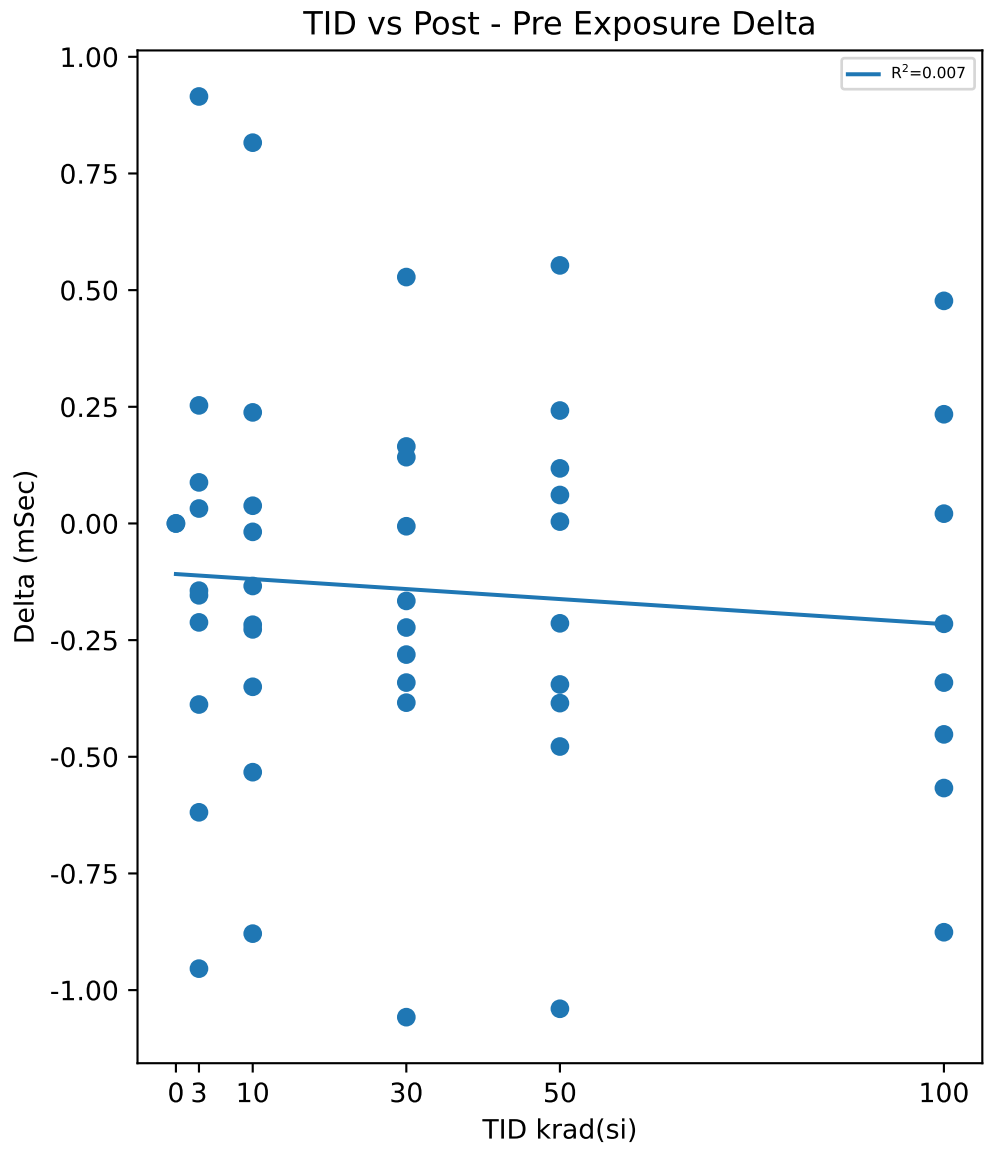
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.283	23.345	23.406	0.086974	23.283	23.345	23.406	0.086974	0	0	0	0
3	23.053	23.572	24.028	0.31056	22.946	23.359	23.89	0.35194	-1.005	-0.2133	0.837	0.54716
10	23.053	23.572	24.028	0.31056	23.003	23.472	24.135	0.38386	-0.988	-0.1003	1.082	0.55738
30	23.053	23.572	24.028	0.31056	22.954	23.304	23.726	0.27167	-1.074	-0.2681	0.581	0.45784
50	23.053	23.572	24.028	0.31056	22.964	23.395	23.844	0.28049	-1.064	-0.1771	0.594	0.51061
100	23.246	23.665	24.054	0.23203	23.071	23.432	23.991	0.34109	-0.669	-0.23275	0.457	0.4234

Device Test: 4.9 treg_Res1p18M_SENSE2/SENSE2/1.6/3/0/1.18M/0/@REG_TIME_1MOHM



Test Results (Lower Limit = 20.7, Upper Limit = 26.8 (mSec))

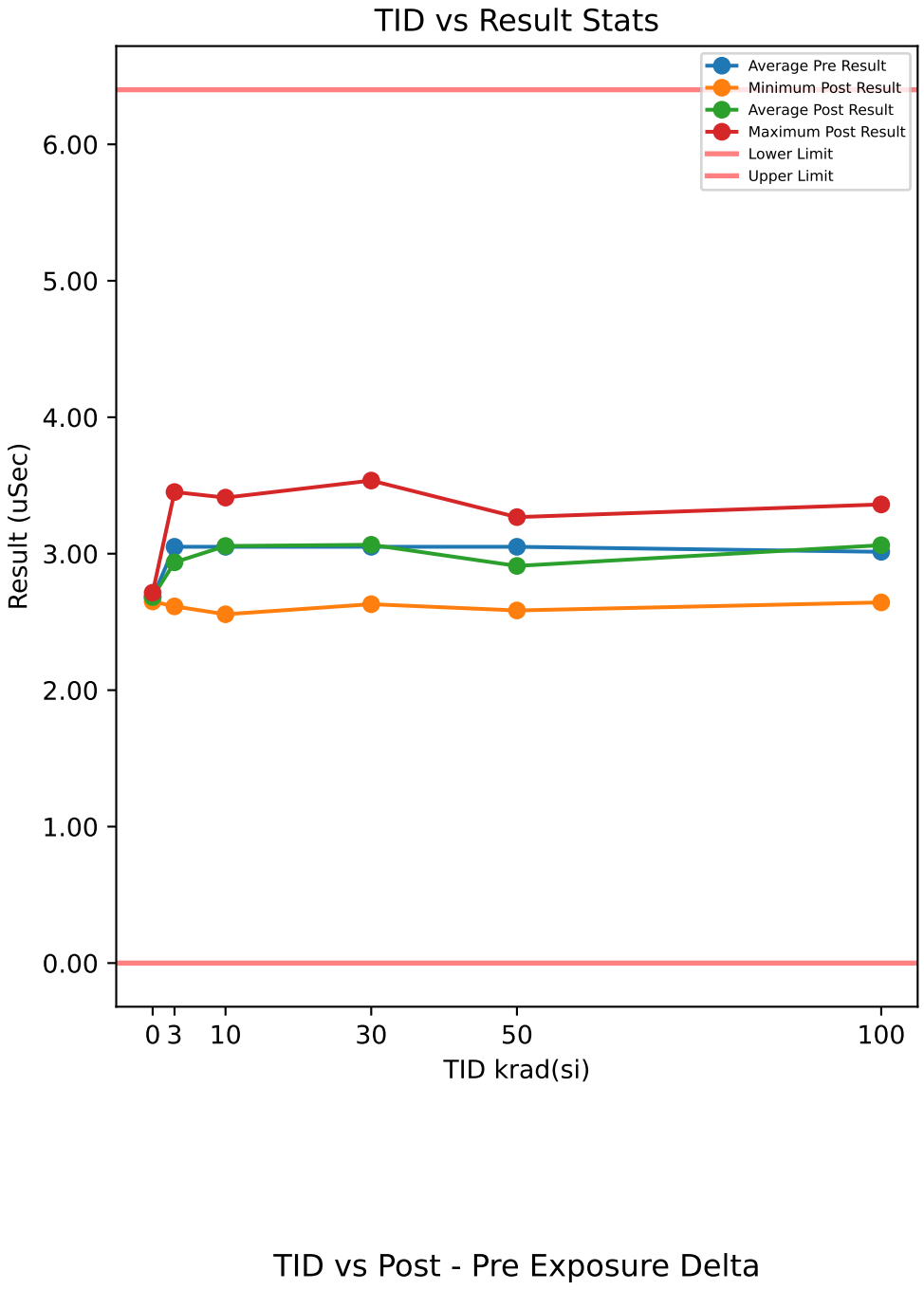
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.324	23.324	0
7	0	Correlation	23.611	23.611	0
16	3	LDR-Biased	23.767	23.855	0.088
18	3	LDR-Biased	23.653	23.509	-0.144
19	3	LDR-Biased	23.643	23.255	-0.388
20	3	LDR-Biased	23.37	23.402	0.032
21	3	LDR-Biased	23.677	23.523	-0.154
22	3	LDR-Unbiased	23.926	23.714	-0.212
23	3	LDR-Unbiased	23.8	23.181	-0.619
25	3	LDR-Unbiased	23.578	23.831	0.253
26	3	LDR-Unbiased	23.307	24.222	0.915
27	3	LDR-Unbiased	24.211	23.257	-0.954
46	10	LDR-Biased	23.767	23.805	0.038
48	10	LDR-Biased	23.653	23.436	-0.217
49	10	LDR-Biased	23.643	23.293	-0.35
50	10	LDR-Biased	23.37	23.352	-0.018
51	10	LDR-Biased	23.677	23.543	-0.134
52	10	LDR-Unbiased	23.926	23.699	-0.227
53	10	LDR-Unbiased	23.8	23.267	-0.533
55	10	LDR-Unbiased	23.578	23.816	0.238
56	10	LDR-Unbiased	23.307	24.123	0.816
57	10	LDR-Unbiased	24.211	23.332	-0.879
76	30	LDR-Biased	23.767	23.909	0.142
78	30	LDR-Biased	23.653	23.487	-0.166
79	30	LDR-Biased	23.643	23.302	-0.341
80	30	LDR-Biased	23.37	23.364	-0.006
81	30	LDR-Biased	23.677	23.396	-0.281
82	30	LDR-Unbiased	23.926	23.703	-0.223
83	30	LDR-Unbiased	23.8	23.416	-0.384
84	30	LDR-Unbiased	24.211	23.153	-1.058
85	30	LDR-Unbiased	23.578	23.743	0.165
86	30	LDR-Unbiased	23.307	23.835	0.528
87	100	LDR-Biased	23.822	23.843	0.021
88	100	LDR-Biased	23.767	23.315	-0.452
90	100	LDR-Biased	23.653	23.312	-0.341
91	100	LDR-Unbiased	23.919	24.153	0.234
93	100	LDR-Unbiased	23.679	23.112	-0.567
94	100	LDR-Unbiased	23.764	23.549	-0.215
95	100	LDR-Unbiased	23.464	23.941	0.477
96	100	LDR-Unbiased	24.214	23.338	-0.876
106	50	LDR-Biased	23.767	23.885	0.118
108	50	LDR-Biased	23.653	23.657	0.004
109	50	LDR-Biased	23.643	23.298	-0.345
110	50	LDR-Biased	23.37	23.431	0.061
111	50	LDR-Biased	23.677	23.463	-0.214
112	50	LDR-Unbiased	23.926	23.541	-0.385
113	50	LDR-Unbiased	23.8	23.322	-0.478
115	50	LDR-Unbiased	23.578	23.82	0.242
116	50	LDR-Unbiased	23.307	23.86	0.553
117	50	LDR-Unbiased	24.211	23.171	-1.04

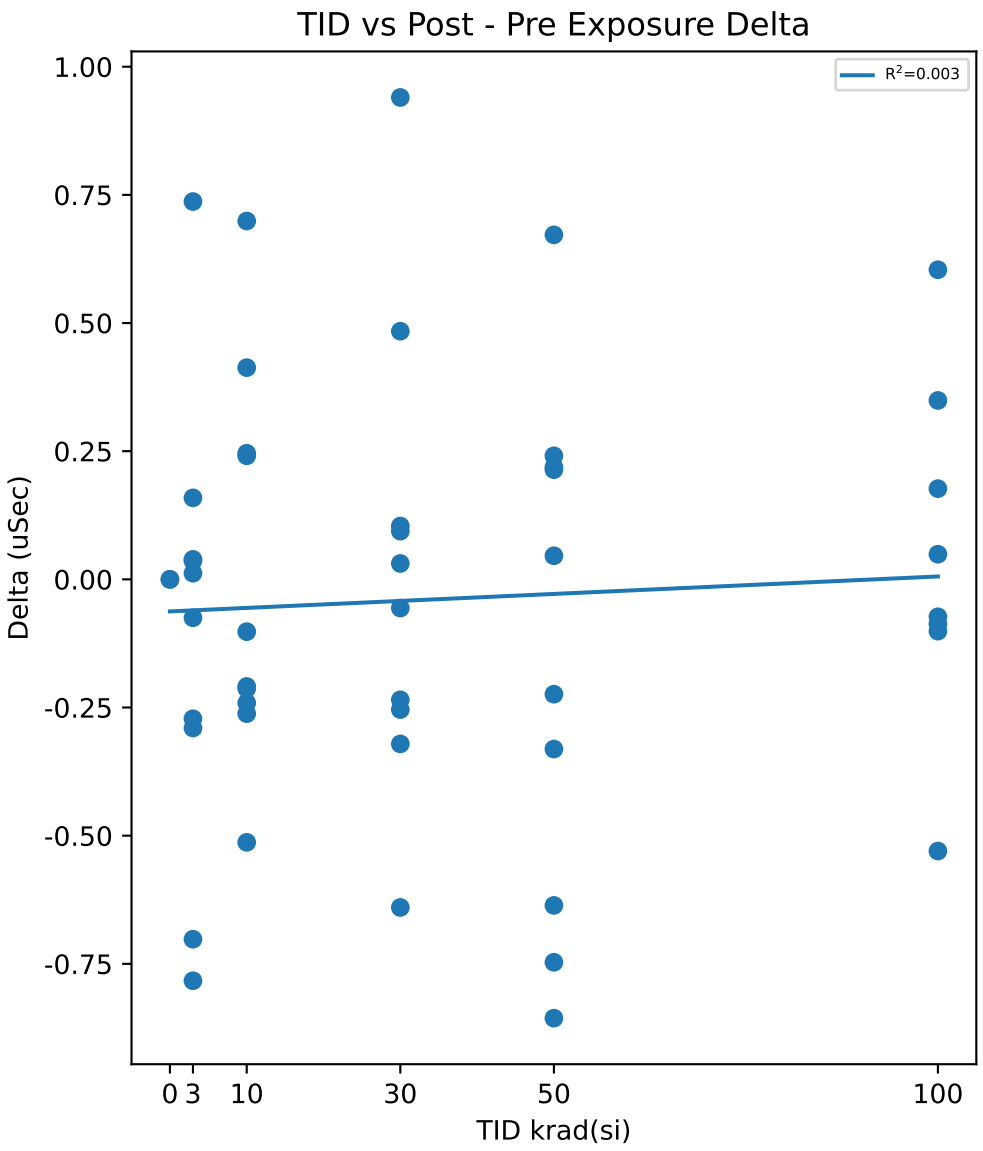


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.324	23.468	23.611	0.20294	23.324	23.468	23.611	0.20294	0	0	0	0
3	23.307	23.693	24.211	0.26044	23.181	23.575	24.222	0.32958	-0.954	-0.1183	0.915	0.50588
10	23.307	23.693	24.211	0.26044	23.267	23.567	24.123	0.2847	-0.879	-0.1266	0.816	0.45458
30	23.307	23.693	24.211	0.26044	23.153	23.531	23.909	0.25087	-1.058	-0.1624	0.528	0.42188
50	23.307	23.693	24.211	0.26044	23.171	23.545	23.885	0.2524	-1.04	-0.1484	0.553	0.44534
100	23.464	23.785	24.214	0.21903	23.112	23.57	24.153	0.36794	-0.876	-0.21487	0.477	0.44224

Device Test: 5.0 tpd_EN1_SU/EN1/1.6/3/0/0/0/@TPD_EN





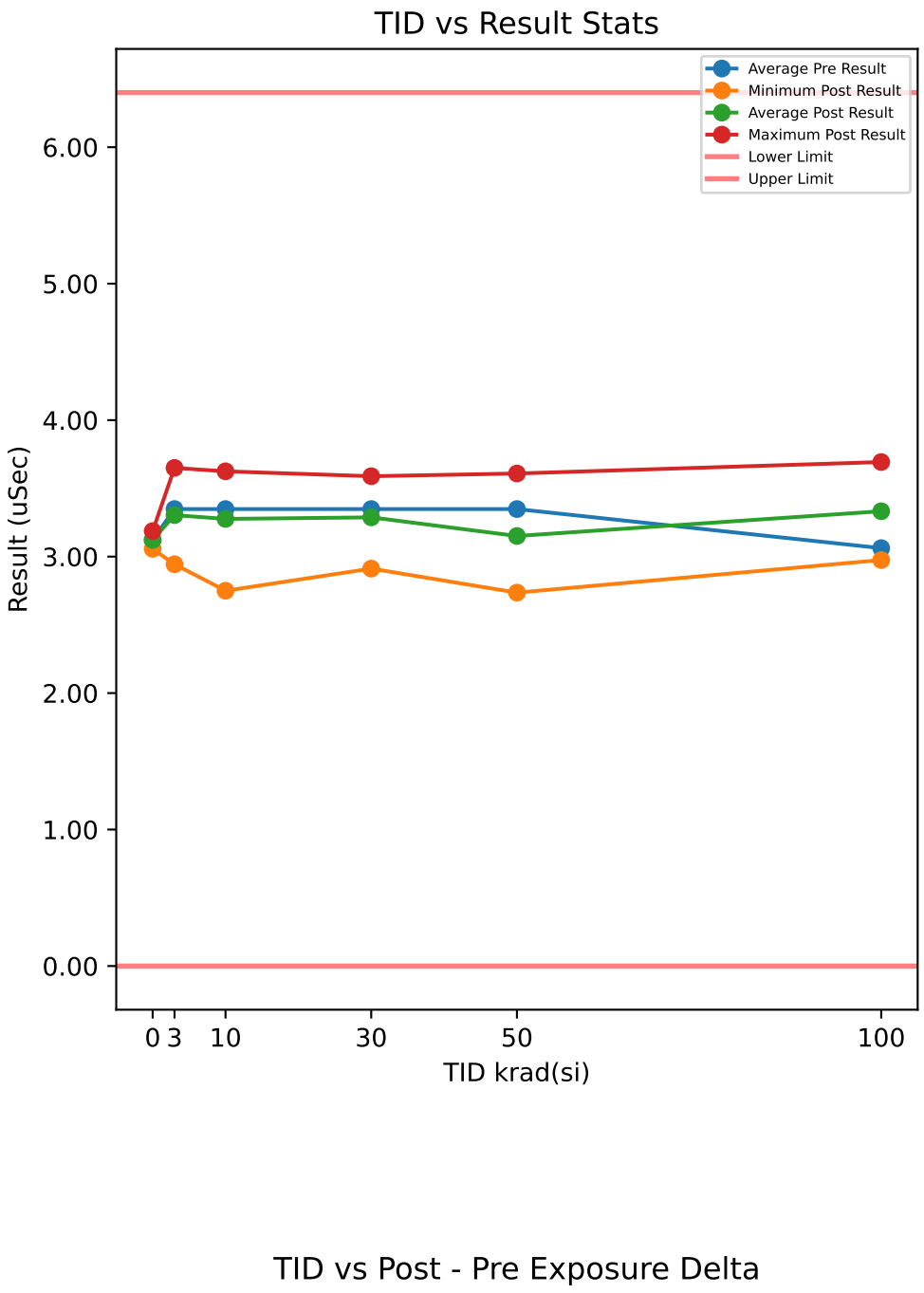
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.714	2.714	0
7	0	Correlation	2.65	2.65	0
16	3	LDR-Biased	2.658	2.697	0.039
18	3	LDR-Biased	2.97	2.68	-0.29
19	3	LDR-Biased	3.068	2.796	-0.272
20	3	LDR-Biased	3.316	2.614	-0.702
21	3	LDR-Biased	3.44	3.452	0.012
22	3	LDR-Unbiased	3.05	3.086	0.036
23	3	LDR-Unbiased	2.884	2.809	-0.075
25	3	LDR-Unbiased	3.526	2.743	-0.783
26	3	LDR-Unbiased	2.596	3.333	0.737
27	3	LDR-Unbiased	2.998	3.157	0.159
46	10	LDR-Biased	2.658	2.556	-0.102
48	10	LDR-Biased	2.97	3.216	0.246
49	10	LDR-Biased	3.068	3.309	0.241
50	10	LDR-Biased	3.316	2.803	-0.513
51	10	LDR-Biased	3.44	3.199	-0.241
52	10	LDR-Unbiased	3.05	2.788	-0.262
53	10	LDR-Unbiased	2.884	2.671	-0.213
55	10	LDR-Unbiased	3.526	3.317	-0.209
56	10	LDR-Unbiased	2.596	3.295	0.699
57	10	LDR-Unbiased	2.998	3.411	0.413
76	30	LDR-Biased	2.658	2.762	0.104
78	30	LDR-Biased	2.97	2.735	-0.235
79	30	LDR-Biased	3.068	2.747	-0.321
80	30	LDR-Biased	3.316	3.347	0.031
81	30	LDR-Biased	3.44	3.384	-0.056
82	30	LDR-Unbiased	3.05	3.144	0.094
83	30	LDR-Unbiased	2.884	2.63	-0.254
84	30	LDR-Unbiased	2.998	3.482	0.484
85	30	LDR-Unbiased	3.526	2.886	-0.64
86	30	LDR-Unbiased	2.596	3.536	0.94
87	100	LDR-Biased	3.312	3.361	0.049
88	100	LDR-Biased	3.386	2.856	-0.53
90	100	LDR-Biased	3.07	3.247	0.177
91	100	LDR-Unbiased	2.934	3.283	0.349
93	100	LDR-Unbiased	3.071	2.984	-0.087
94	100	LDR-Unbiased	2.716	2.643	-0.073
95	100	LDR-Unbiased	2.896	2.795	-0.101
96	100	LDR-Unbiased	2.725	3.329	0.604
106	50	LDR-Biased	2.658	2.872	0.214
108	50	LDR-Biased	2.97	3.016	0.046
109	50	LDR-Biased	3.068	2.737	-0.331
110	50	LDR-Biased	3.316	2.68	-0.636
111	50	LDR-Biased	3.44	2.584	-0.856
112	50	LDR-Unbiased	3.05	2.826	-0.224
113	50	LDR-Unbiased	2.884	3.103	0.219
115	50	LDR-Unbiased	3.526	2.779	-0.747
116	50	LDR-Unbiased	2.596	3.268	0.672
117	50	LDR-Unbiased	2.998	3.239	0.241

Test Statistics (uSec)

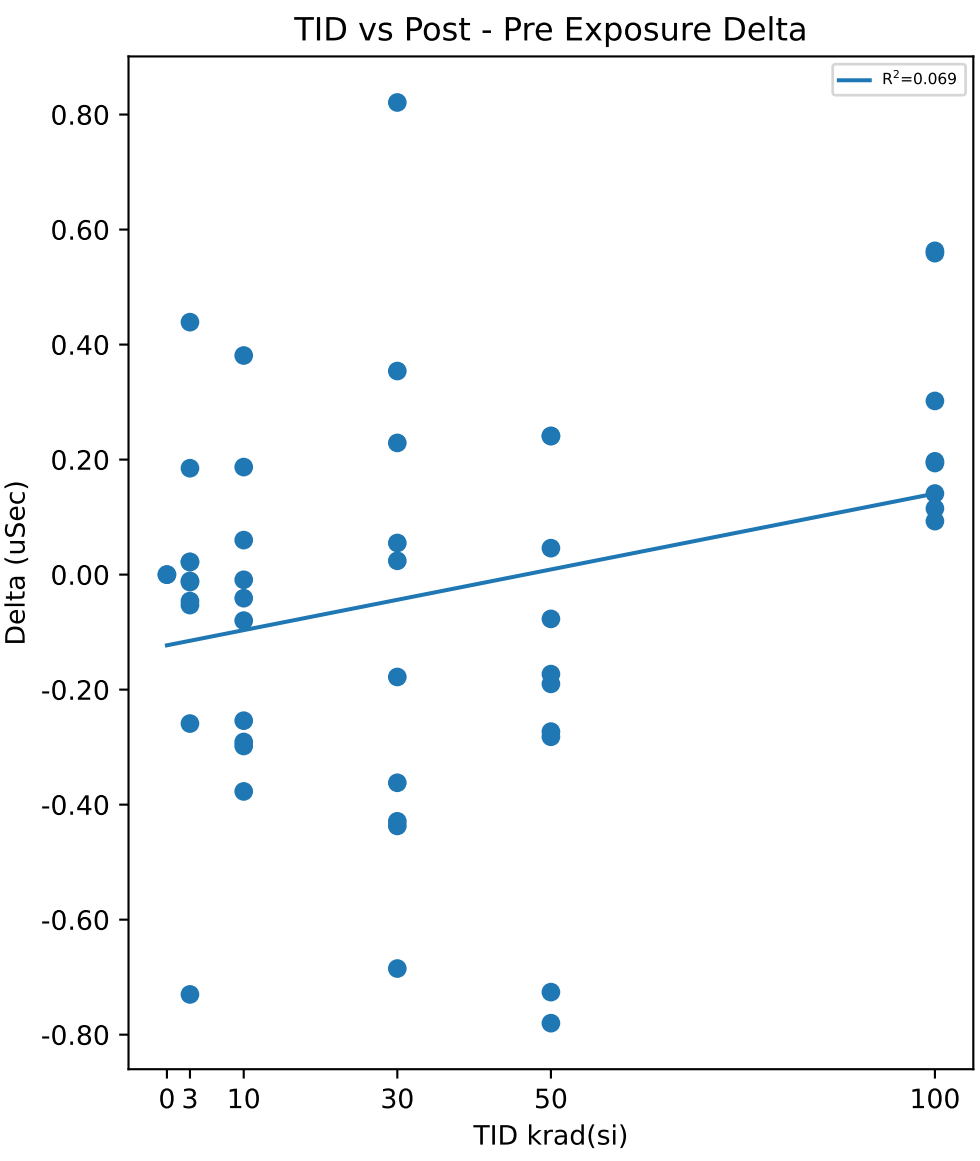
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.65	2.682	2.714	0.045255	2.65	2.682	2.714	0.045255	0	0	0	0
3	2.596	3.0506	3.526	0.30663	2.614	2.9367	3.452	0.29712	-0.783	-0.1139	0.737	0.43605
10	2.596	3.0506	3.526	0.30663	2.556	3.0565	3.411	0.31542	-0.513	0.0059	0.699	0.37517
30	2.596	3.0506	3.526	0.30663	2.63	3.0653	3.536	0.35061	-0.64	0.0147	0.94	0.4437
50	2.596	3.0506	3.526	0.30663	2.584	2.9104	3.268	0.23562	-0.856	-0.1402	0.672	0.50155
100	2.716	3.0137	3.386	0.24676	2.643	3.0623	3.361	0.27752	-0.53	0.0485	0.604	0.33923

Device Test: 5.1 tpd_EN2_SU/EN2/1.6/3/0/0/0/@TPD_EN



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

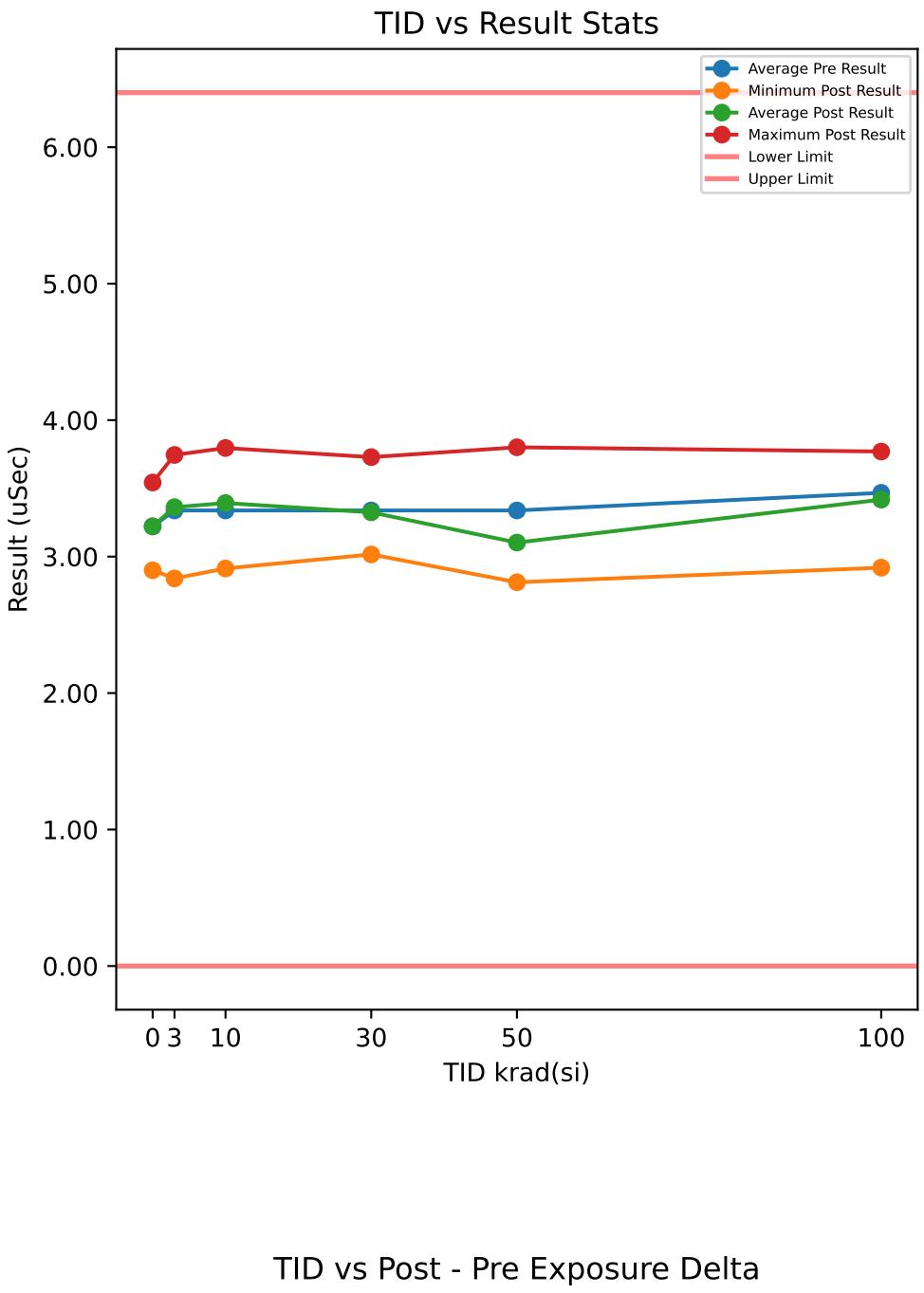
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.187	3.187	0
7	0	Correlation	3.057	3.057	0
16	3	LDR-Biased	3.686	2.956	-0.73
18	3	LDR-Biased	3.211	3.65	0.439
19	3	LDR-Biased	3.374	3.396	0.022
20	3	LDR-Biased	2.759	2.944	0.185
21	3	LDR-Biased	3.16	3.147	-0.013
22	3	LDR-Unbiased	3.565	3.306	-0.259
23	3	LDR-Unbiased	3.466	3.42	-0.046
25	3	LDR-Unbiased	3.204	3.151	-0.053
26	3	LDR-Unbiased	3.462	3.484	0.022
27	3	LDR-Unbiased	3.597	3.586	-0.011
46	10	LDR-Biased	3.686	3.395	-0.291
48	10	LDR-Biased	3.211	3.592	0.381
49	10	LDR-Biased	3.374	3.561	0.187
50	10	LDR-Biased	2.759	2.75	-0.009
51	10	LDR-Biased	3.16	2.783	-0.377
52	10	LDR-Unbiased	3.565	3.625	0.06
53	10	LDR-Unbiased	3.466	3.425	-0.041
55	10	LDR-Unbiased	3.204	3.124	-0.08
56	10	LDR-Unbiased	3.462	3.164	-0.298
57	10	LDR-Unbiased	3.597	3.343	-0.254
76	30	LDR-Biased	3.686	3.249	-0.437
78	30	LDR-Biased	3.211	3.565	0.354
79	30	LDR-Biased	3.374	2.945	-0.429
80	30	LDR-Biased	2.759	3.58	0.821
81	30	LDR-Biased	3.16	2.982	-0.178
82	30	LDR-Unbiased	3.565	3.589	0.024
83	30	LDR-Unbiased	3.466	3.521	0.055
84	30	LDR-Unbiased	3.597	2.912	-0.685
85	30	LDR-Unbiased	3.204	3.433	0.229
86	30	LDR-Unbiased	3.462	3.1	-0.362
87	100	LDR-Biased	3.347	3.44	0.093
88	100	LDR-Biased	2.786	3.345	0.559
90	100	LDR-Biased	2.824	3.387	0.563
91	100	LDR-Unbiased	3.187	3.384	0.197
93	100	LDR-Unbiased	3.133	3.435	0.302
94	100	LDR-Unbiased	3.499	3.693	0.194
95	100	LDR-Unbiased	2.886	3.001	0.115
96	100	LDR-Unbiased	2.834	2.975	0.141
106	50	LDR-Biased	3.686	3.609	-0.077
108	50	LDR-Biased	3.211	3.038	-0.173
109	50	LDR-Biased	3.374	3.092	-0.282
110	50	LDR-Biased	2.759	2.805	0.046
111	50	LDR-Biased	3.16	3.401	0.241
112	50	LDR-Unbiased	3.565	3.375	-0.19
113	50	LDR-Unbiased	3.466	3.193	-0.273
115	50	LDR-Unbiased	3.204	3.445	0.241
116	50	LDR-Unbiased	3.462	2.736	-0.726
117	50	LDR-Unbiased	3.597	2.817	-0.78

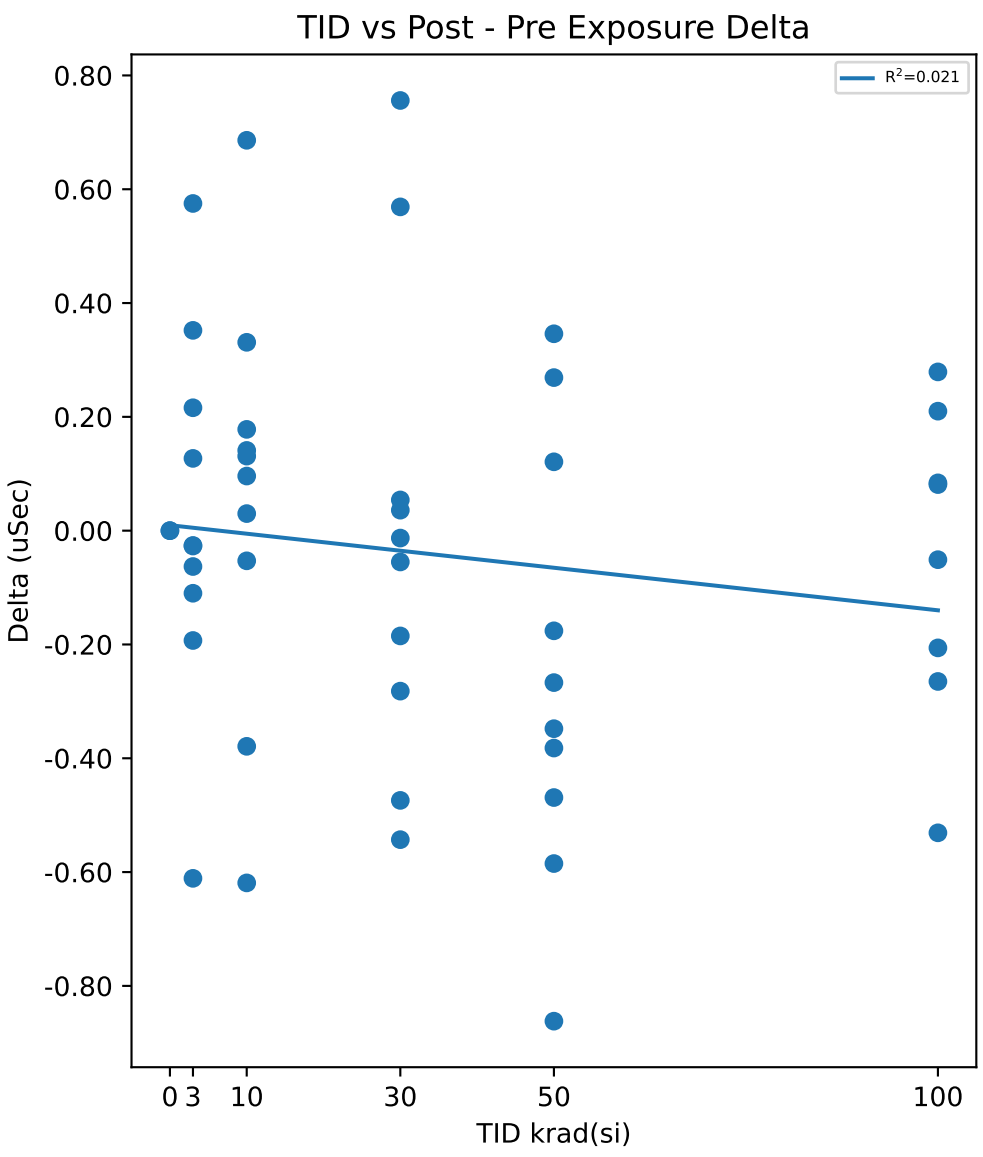


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.057	3.122	3.187	0.091924	3.057	3.122	3.187	0.091924	0	0	0	0
3	2.759	3.3484	3.686	0.27339	2.944	3.304	3.65	0.24773	-0.73	-0.0444	0.439	0.30063
10	2.759	3.3484	3.686	0.27339	2.75	3.2762	3.625	0.31607	-0.377	-0.0722	0.381	0.24035
30	2.759	3.3484	3.686	0.27339	2.912	3.2876	3.589	0.28234	-0.685	-0.0608	0.821	0.45036
50	2.759	3.3484	3.686	0.27339	2.736	3.1511	3.609	0.30375	-0.78	-0.1973	0.241	0.34809
100	2.786	3.062	3.499	0.26956	2.975	3.3325	3.693	0.2377	0.093	0.2705	0.563	0.1903

Device Test: 5.10 tpd_SEQ_SD/SEQ_DONE/1.6/3/0/0/0/@TPD_SEQ_DONE





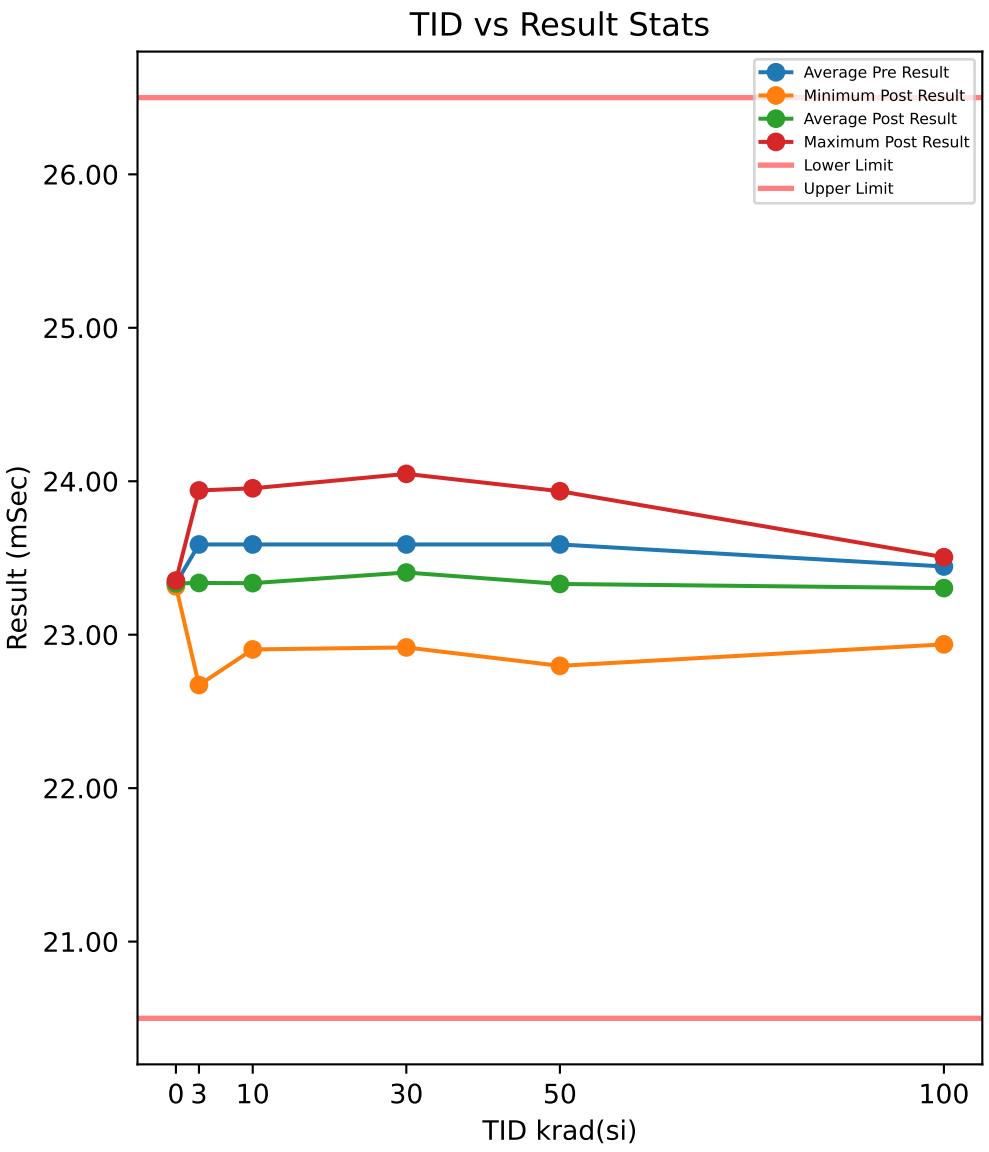
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

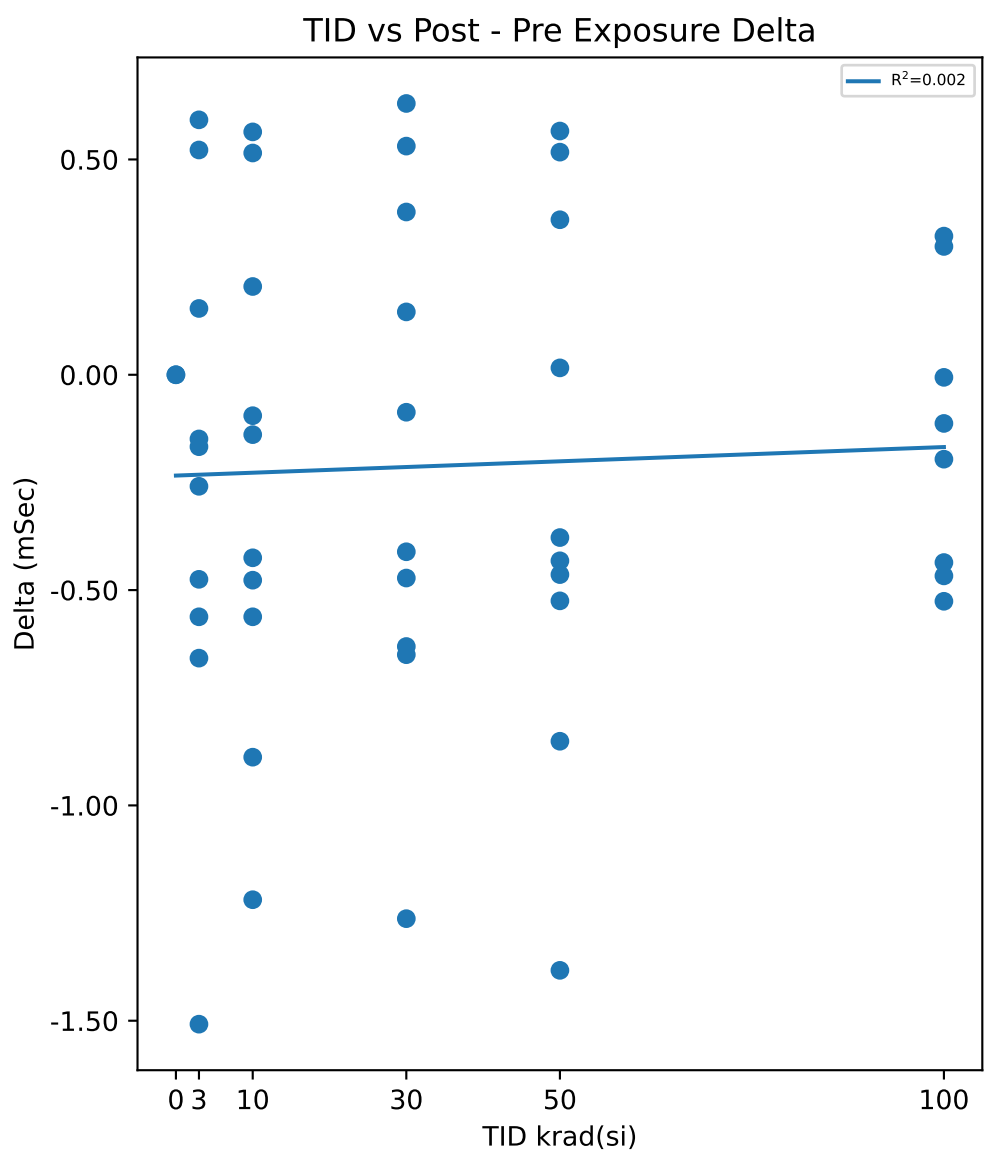
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.9	2.9	0
7	0	Correlation	3.543	3.543	0
16	3	LDR-Biased	2.866	2.84	-0.026
18	3	LDR-Biased	3.16	3.735	0.575
19	3	LDR-Biased	3.532	2.921	-0.611
20	3	LDR-Biased	3.581	3.471	-0.11
21	3	LDR-Biased	3.682	3.489	-0.193
22	3	LDR-Unbiased	3.077	3.05	-0.027
23	3	LDR-Unbiased	3.081	3.018	-0.063
25	3	LDR-Unbiased	3.618	3.745	0.127
26	3	LDR-Unbiased	3.298	3.65	0.352
27	3	LDR-Unbiased	3.487	3.703	0.216
46	10	LDR-Biased	2.866	3.552	0.686
48	10	LDR-Biased	3.16	3.256	0.096
49	10	LDR-Biased	3.532	2.913	-0.619
50	10	LDR-Biased	3.581	3.611	0.03
51	10	LDR-Biased	3.682	3.303	-0.379
52	10	LDR-Unbiased	3.077	3.208	0.131
53	10	LDR-Unbiased	3.081	3.222	0.141
55	10	LDR-Unbiased	3.618	3.796	0.178
56	10	LDR-Unbiased	3.298	3.629	0.331
57	10	LDR-Unbiased	3.487	3.434	-0.053
76	30	LDR-Biased	2.866	3.622	0.756
78	30	LDR-Biased	3.16	3.729	0.569
79	30	LDR-Biased	3.532	3.347	-0.185
80	30	LDR-Biased	3.581	3.568	-0.013
81	30	LDR-Biased	3.682	3.139	-0.543
82	30	LDR-Unbiased	3.077	3.022	-0.055
83	30	LDR-Unbiased	3.081	3.135	0.054
84	30	LDR-Unbiased	3.487	3.523	0.036
85	30	LDR-Unbiased	3.618	3.144	-0.474
86	30	LDR-Unbiased	3.298	3.016	-0.282
87	100	LDR-Biased	3.27	3.354	0.084
88	100	LDR-Biased	3.37	3.649	0.279
90	100	LDR-Biased	3.513	3.723	0.21
91	100	LDR-Unbiased	3.541	3.49	-0.051
93	100	LDR-Unbiased	3.492	2.961	-0.531
94	100	LDR-Unbiased	3.739	3.474	-0.265
95	100	LDR-Unbiased	3.125	2.919	-0.206
96	100	LDR-Unbiased	3.689	3.77	0.081
106	50	LDR-Biased	2.866	2.987	0.121
108	50	LDR-Biased	3.16	2.812	-0.348
109	50	LDR-Biased	3.532	3.801	0.269
110	50	LDR-Biased	3.581	3.199	-0.382
111	50	LDR-Biased	3.682	2.82	-0.862
112	50	LDR-Unbiased	3.077	3.423	0.346
113	50	LDR-Unbiased	3.081	2.905	-0.176
115	50	LDR-Unbiased	3.618	3.033	-0.585
116	50	LDR-Unbiased	3.298	3.031	-0.267
117	50	LDR-Unbiased	3.487	3.018	-0.469

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.9	3.2215	3.543	0.45467	2.9	3.2215	3.543	0.45467	0	0	0	0
3	2.866	3.3382	3.682	0.28005	2.84	3.3622	3.745	0.36449	-0.611	0.024	0.575	0.32311
10	2.866	3.3382	3.682	0.28005	2.913	3.3924	3.796	0.26105	-0.619	0.0542	0.686	0.35889
30	2.866	3.3382	3.682	0.28005	3.016	3.3245	3.729	0.26686	-0.543	-0.0137	0.756	0.41286
50	2.866	3.3382	3.682	0.28005	2.812	3.1029	3.801	0.30433	-0.862	-0.2353	0.346	0.38407
100	3.125	3.4674	3.739	0.20587	2.919	3.4175	3.77	0.32526	-0.531	-0.049875	0.279	0.27068

Device Test: 5.100 tdly_Res1p18M_EN1_SU/EN1/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





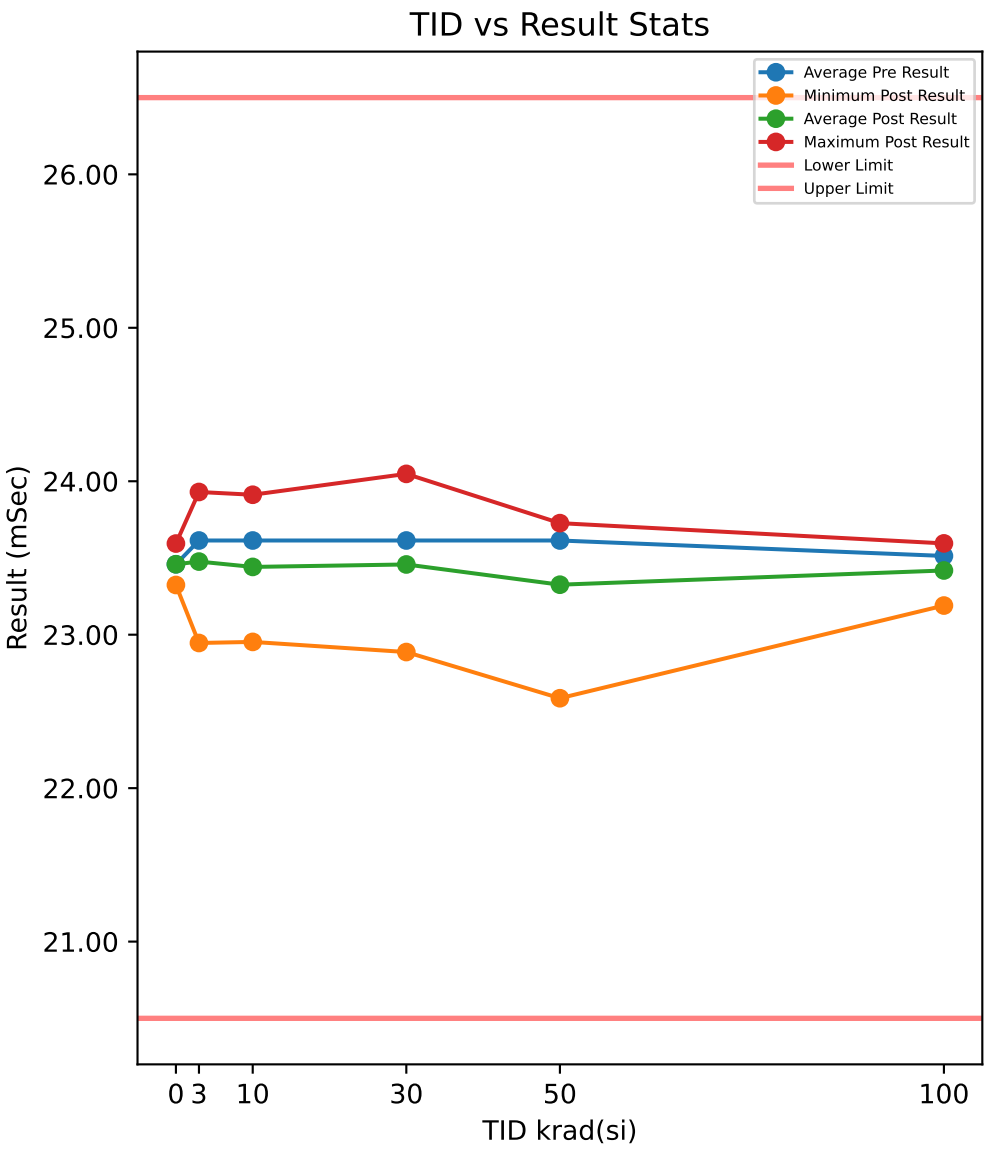
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

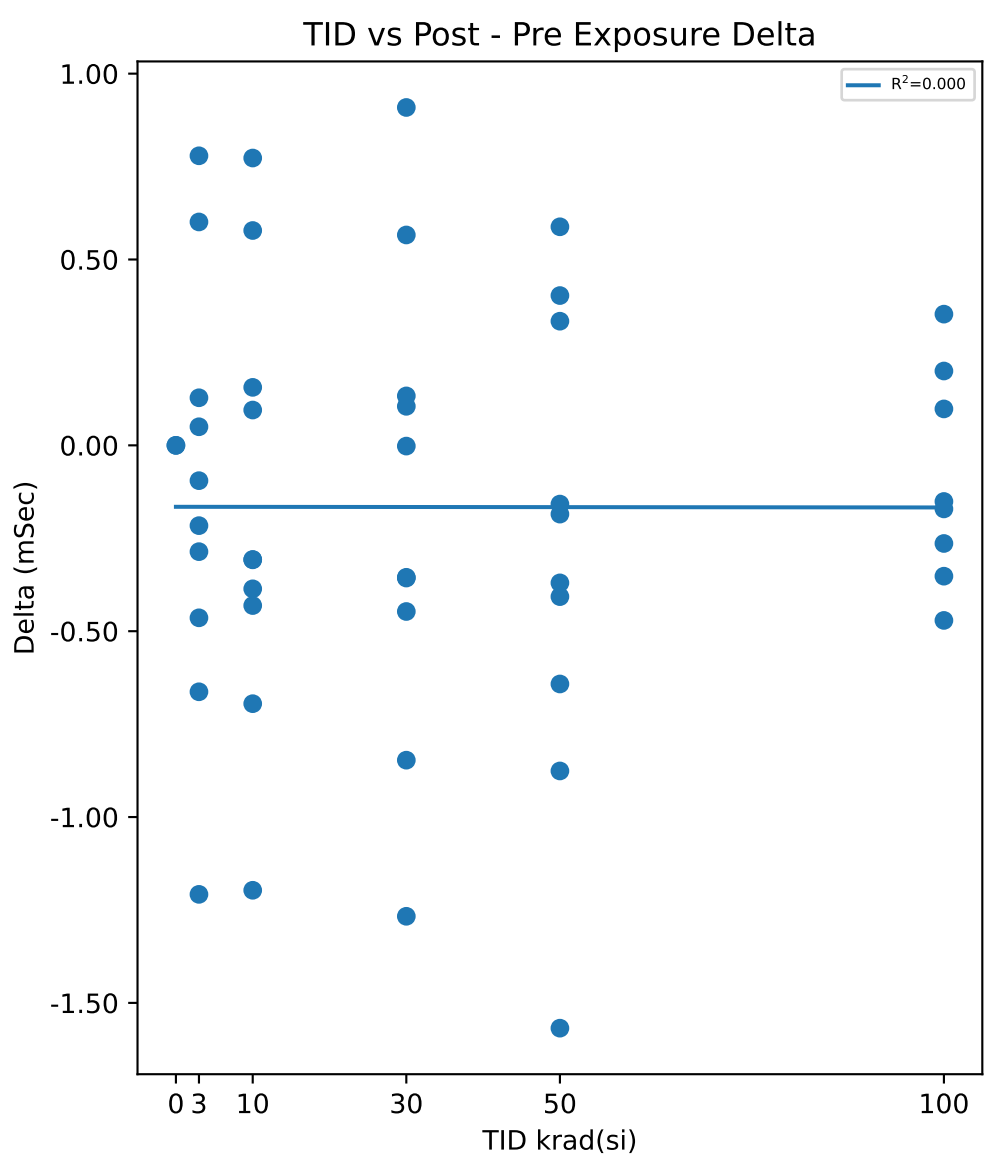
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.315	23.315	0
7	0	Correlation	23.353	23.353	0
16	3	LDR-Biased	23.846	23.188	-0.658
18	3	LDR-Biased	23.492	23.646	0.154
19	3	LDR-Biased	24.004	23.442	-0.562
20	3	LDR-Biased	23.422	23.163	-0.259
21	3	LDR-Biased	23.147	22.998	-0.149
22	3	LDR-Unbiased	22.898	23.49	0.592
23	3	LDR-Unbiased	24.093	23.926	-0.167
25	3	LDR-Unbiased	24.18	22.672	-1.508
26	3	LDR-Unbiased	23.381	22.906	-0.475
27	3	LDR-Unbiased	23.418	23.94	0.522
46	10	LDR-Biased	23.846	22.958	-0.888
48	10	LDR-Biased	23.492	23.697	0.205
49	10	LDR-Biased	24.004	23.442	-0.562
50	10	LDR-Biased	23.422	22.997	-0.425
51	10	LDR-Biased	23.147	23.052	-0.095
52	10	LDR-Unbiased	22.898	23.462	0.564
53	10	LDR-Unbiased	24.093	23.954	-0.139
55	10	LDR-Unbiased	24.18	22.961	-1.219
56	10	LDR-Unbiased	23.381	22.904	-0.477
57	10	LDR-Unbiased	23.418	23.933	0.515
76	30	LDR-Biased	23.846	23.215	-0.631
78	30	LDR-Biased	23.492	23.638	0.146
79	30	LDR-Biased	24.004	23.354	-0.65
80	30	LDR-Biased	23.422	22.95	-0.472
81	30	LDR-Biased	23.147	23.525	0.378
82	30	LDR-Unbiased	22.898	23.429	0.531
83	30	LDR-Unbiased	24.093	24.006	-0.087
84	30	LDR-Unbiased	23.418	24.048	0.63
85	30	LDR-Unbiased	24.18	22.917	-1.263
86	30	LDR-Unbiased	23.381	22.97	-0.411
87	100	LDR-Biased	23.43	23.424	-0.006
88	100	LDR-Biased	23.868	23.342	-0.526
90	100	LDR-Biased	23.539	23.343	-0.196
91	100	LDR-Unbiased	22.891	23.189	0.298
93	100	LDR-Unbiased	22.936	23.258	0.322
94	100	LDR-Unbiased	23.869	23.433	-0.436
95	100	LDR-Unbiased	23.618	23.505	-0.113
96	100	LDR-Unbiased	23.404	22.937	-0.467
106	50	LDR-Biased	23.846	22.995	-0.851
108	50	LDR-Biased	23.492	23.508	0.016
109	50	LDR-Biased	24.004	23.572	-0.432
110	50	LDR-Biased	23.422	23.044	-0.378
111	50	LDR-Biased	23.147	23.507	0.36
112	50	LDR-Unbiased	22.898	23.464	0.566
113	50	LDR-Unbiased	24.093	23.568	-0.525
115	50	LDR-Unbiased	24.18	22.797	-1.383
116	50	LDR-Unbiased	23.381	22.917	-0.464
117	50	LDR-Unbiased	23.418	23.935	0.517

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.315	23.334	23.353	0.02687	23.315	23.334	23.353	0.02687	0	0	0	0
3	22.898	23.588	24.18	0.42482	22.672	23.337	23.94	0.42633	-1.508	-0.251	0.592	0.61304
10	22.898	23.588	24.18	0.42482	22.904	23.336	23.954	0.41653	-1.219	-0.2521	0.564	0.57895
30	22.898	23.588	24.18	0.42482	22.917	23.405	24.048	0.41056	-1.263	-0.1829	0.63	0.6077
50	22.898	23.588	24.18	0.42482	22.797	23.331	23.935	0.3668	-1.383	-0.2574	0.566	0.6247
100	22.891	23.444	23.869	0.37136	22.937	23.304	23.505	0.17906	-0.526	-0.1405	0.322	0.3318

Device Test: 5.101 tdly_Res1p18M_EN2_SU/EN2/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





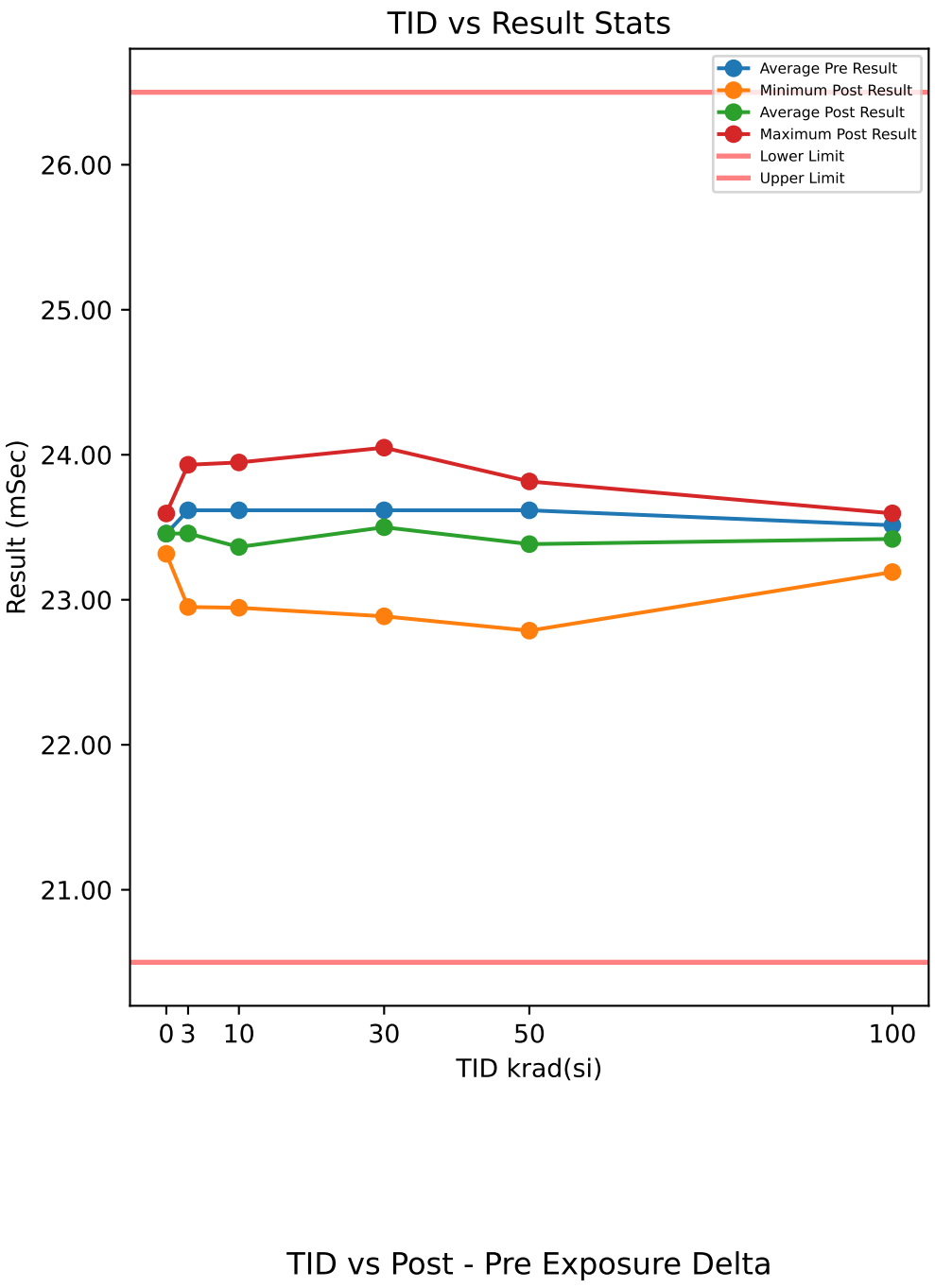
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

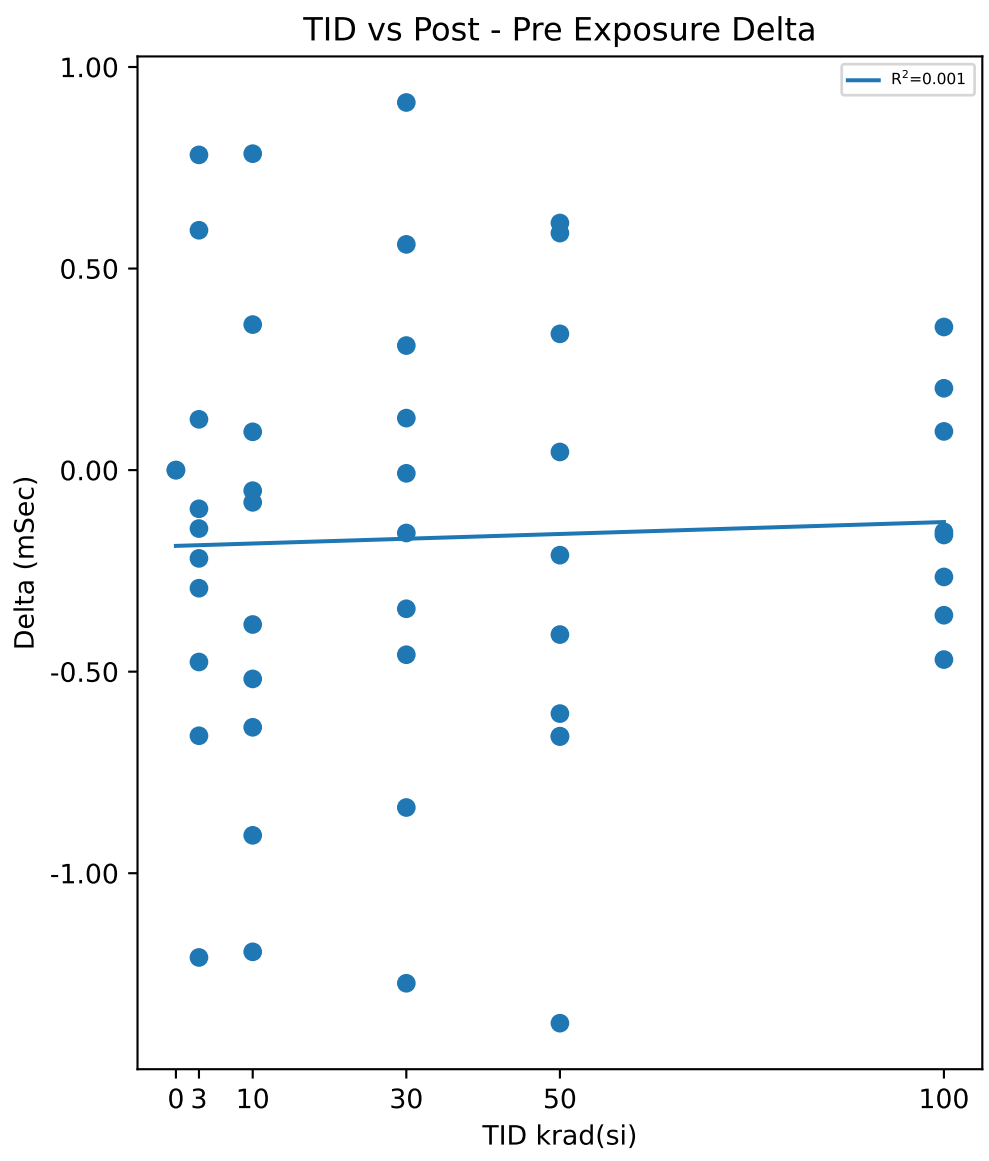
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.594	23.594	0
7	0	Correlation	23.324	23.324	0
16	3	LDR-Biased	23.853	23.19	-0.663
18	3	LDR-Biased	23.743	23.871	0.128
19	3	LDR-Biased	23.968	23.682	-0.286
20	3	LDR-Biased	23.642	23.178	-0.464
21	3	LDR-Biased	23.153	23.203	0.05
22	3	LDR-Unbiased	23.123	23.724	0.601
23	3	LDR-Unbiased	24.025	23.93	-0.095
25	3	LDR-Unbiased	24.154	22.946	-1.208
26	3	LDR-Unbiased	23.339	23.123	-0.216
27	3	LDR-Unbiased	23.139	23.918	0.779
46	10	LDR-Biased	23.853	23.158	-0.695
48	10	LDR-Biased	23.743	23.899	0.156
49	10	LDR-Biased	23.968	23.66	-0.308
50	10	LDR-Biased	23.642	23.211	-0.431
51	10	LDR-Biased	23.153	23.248	0.095
52	10	LDR-Unbiased	23.123	23.701	0.578
53	10	LDR-Unbiased	24.025	23.718	-0.307
55	10	LDR-Unbiased	24.154	22.957	-1.197
56	10	LDR-Unbiased	23.339	22.953	-0.386
57	10	LDR-Unbiased	23.139	23.912	0.773
76	30	LDR-Biased	23.853	23.006	-0.847
78	30	LDR-Biased	23.743	23.876	0.133
79	30	LDR-Biased	23.968	23.613	-0.355
80	30	LDR-Biased	23.642	23.195	-0.447
81	30	LDR-Biased	23.153	23.258	0.105
82	30	LDR-Unbiased	23.123	23.689	0.566
83	30	LDR-Unbiased	24.025	24.023	-0.002
84	30	LDR-Unbiased	23.139	24.048	0.909
85	30	LDR-Unbiased	24.154	22.887	-1.267
86	30	LDR-Unbiased	23.339	22.982	-0.357
87	100	LDR-Biased	23.177	23.377	0.2
88	100	LDR-Biased	23.856	23.592	-0.264
90	100	LDR-Biased	23.746	23.595	-0.151
91	100	LDR-Unbiased	23.129	23.482	0.353
93	100	LDR-Unbiased	23.153	23.251	0.098
94	100	LDR-Unbiased	23.854	23.383	-0.471
95	100	LDR-Unbiased	23.83	23.478	-0.352
96	100	LDR-Unbiased	23.361	23.19	-0.171
106	50	LDR-Biased	23.853	22.977	-0.876
108	50	LDR-Biased	23.743	23.585	-0.158
109	50	LDR-Biased	23.968	23.326	-0.642
110	50	LDR-Biased	23.642	23.272	-0.37
111	50	LDR-Biased	23.153	23.487	0.334
112	50	LDR-Unbiased	23.123	23.526	0.403
113	50	LDR-Unbiased	24.025	23.618	-0.407
115	50	LDR-Unbiased	24.154	22.586	-1.568
116	50	LDR-Unbiased	23.339	23.154	-0.185
117	50	LDR-Unbiased	23.139	23.727	0.588

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.324	23.459	23.594	0.19092	23.324	23.459	23.594	0.19092	0	0	0	0
3	23.123	23.614	24.154	0.39655	22.946	23.476	23.93	0.38182	-1.208	-0.1374	0.779	0.58212
10	23.123	23.614	24.154	0.39655	22.953	23.442	23.912	0.37513	-1.197	-0.1722	0.773	0.58766
30	23.123	23.614	24.154	0.39655	22.887	23.458	24.048	0.44541	-1.267	-0.1562	0.909	0.64182
50	23.123	23.614	24.154	0.39655	22.586	23.326	23.727	0.34657	-1.568	-0.2881	0.588	0.6489
100	23.129	23.513	23.856	0.33843	23.19	23.419	23.595	0.1474	-0.471	-0.09475	0.353	0.28533

Device Test: 5.102 tdly_Res1p18M_EN3_SU/EN3/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





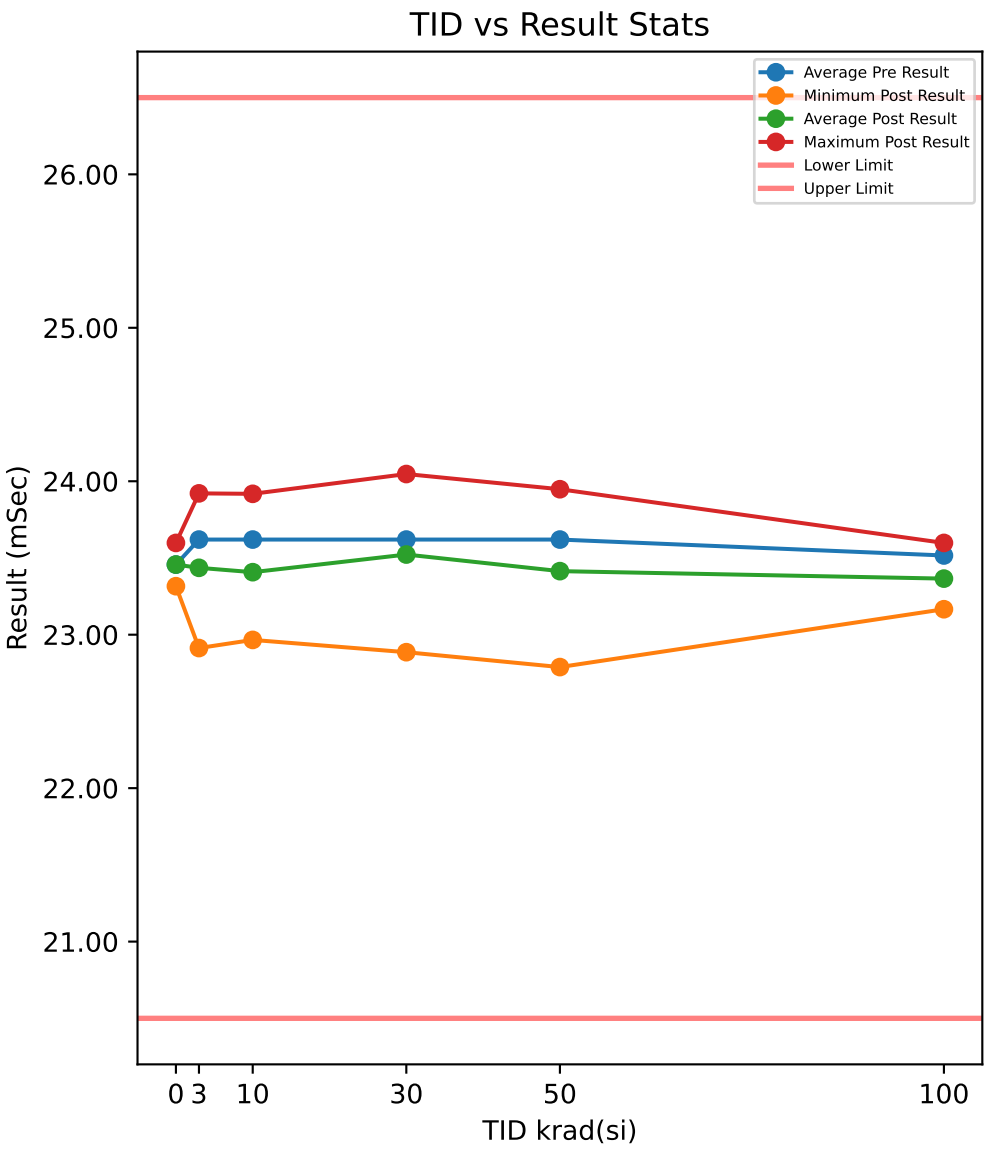
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

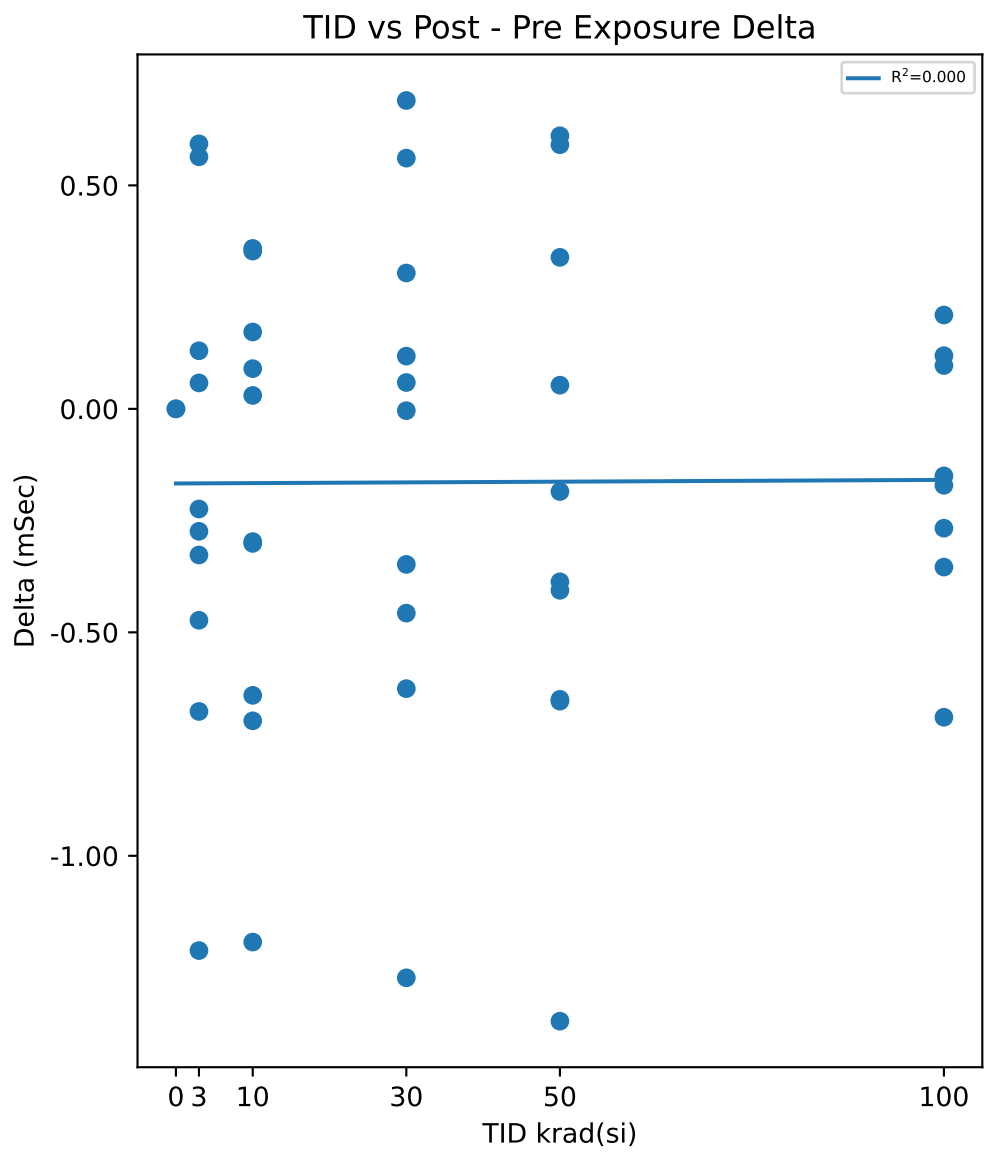
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.595	23.595	0
7	0	Correlation	23.317	23.317	0
16	3	LDR-Biased	23.851	23.192	-0.659
18	3	LDR-Biased	23.747	23.873	0.126
19	3	LDR-Biased	23.971	23.678	-0.293
20	3	LDR-Biased	23.651	23.175	-0.476
21	3	LDR-Biased	23.154	23.009	-0.145
22	3	LDR-Unbiased	23.13	23.725	0.595
23	3	LDR-Unbiased	24.027	23.931	-0.096
25	3	LDR-Unbiased	24.159	22.95	-1.209
26	3	LDR-Unbiased	23.343	23.124	-0.219
27	3	LDR-Unbiased	23.137	23.919	0.782
46	10	LDR-Biased	23.851	22.945	-0.906
48	10	LDR-Biased	23.747	23.696	-0.051
49	10	LDR-Biased	23.971	23.453	-0.518
50	10	LDR-Biased	23.651	23.013	-0.638
51	10	LDR-Biased	23.154	23.249	0.095
52	10	LDR-Unbiased	23.13	23.491	0.361
53	10	LDR-Unbiased	24.027	23.947	-0.08
55	10	LDR-Unbiased	24.159	22.964	-1.195
56	10	LDR-Unbiased	23.343	22.96	-0.383
57	10	LDR-Unbiased	23.137	23.922	0.785
76	30	LDR-Biased	23.851	23.014	-0.837
78	30	LDR-Biased	23.747	23.876	0.129
79	30	LDR-Biased	23.971	23.627	-0.344
80	30	LDR-Biased	23.651	23.193	-0.458
81	30	LDR-Biased	23.154	23.463	0.309
82	30	LDR-Unbiased	23.13	23.69	0.56
83	30	LDR-Unbiased	24.027	24.019	-0.008
84	30	LDR-Unbiased	23.137	24.049	0.912
85	30	LDR-Unbiased	24.159	22.886	-1.273
86	30	LDR-Unbiased	23.343	23.187	-0.156
87	100	LDR-Biased	23.176	23.379	0.203
88	100	LDR-Biased	23.859	23.594	-0.265
90	100	LDR-Biased	23.749	23.596	-0.153
91	100	LDR-Unbiased	23.128	23.483	0.355
93	100	LDR-Unbiased	23.156	23.252	0.096
94	100	LDR-Unbiased	23.854	23.384	-0.47
95	100	LDR-Unbiased	23.836	23.476	-0.36
96	100	LDR-Unbiased	23.352	23.191	-0.161
106	50	LDR-Biased	23.851	23.19	-0.661
108	50	LDR-Biased	23.747	23.792	0.045
109	50	LDR-Biased	23.971	23.311	-0.66
110	50	LDR-Biased	23.651	23.047	-0.604
111	50	LDR-Biased	23.154	23.492	0.338
112	50	LDR-Unbiased	23.13	23.743	0.613
113	50	LDR-Unbiased	24.027	23.816	-0.211
115	50	LDR-Unbiased	24.159	22.787	-1.372
116	50	LDR-Unbiased	23.343	22.935	-0.408
117	50	LDR-Unbiased	23.137	23.725	0.588

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.317	23.456	23.595	0.19658	23.317	23.456	23.595	0.19658	0	0	0	0
3	23.13	23.617	24.159	0.39679	22.95	23.458	23.931	0.40142	-1.209	-0.1594	0.782	0.57869
10	23.13	23.617	24.159	0.39679	22.945	23.364	23.947	0.39731	-1.195	-0.253	0.785	0.59586
30	23.13	23.617	24.159	0.39679	22.886	23.5	24.049	0.41782	-1.273	-0.1166	0.912	0.64937
50	23.13	23.617	24.159	0.39679	22.787	23.384	23.816	0.38362	-1.372	-0.2332	0.613	0.63462
100	23.128	23.514	23.859	0.34042	23.191	23.419	23.596	0.14736	-0.47	-0.094375	0.355	0.28667

Device Test: 5.103 tdly_Res1p18M_EN4_SU/EN4/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





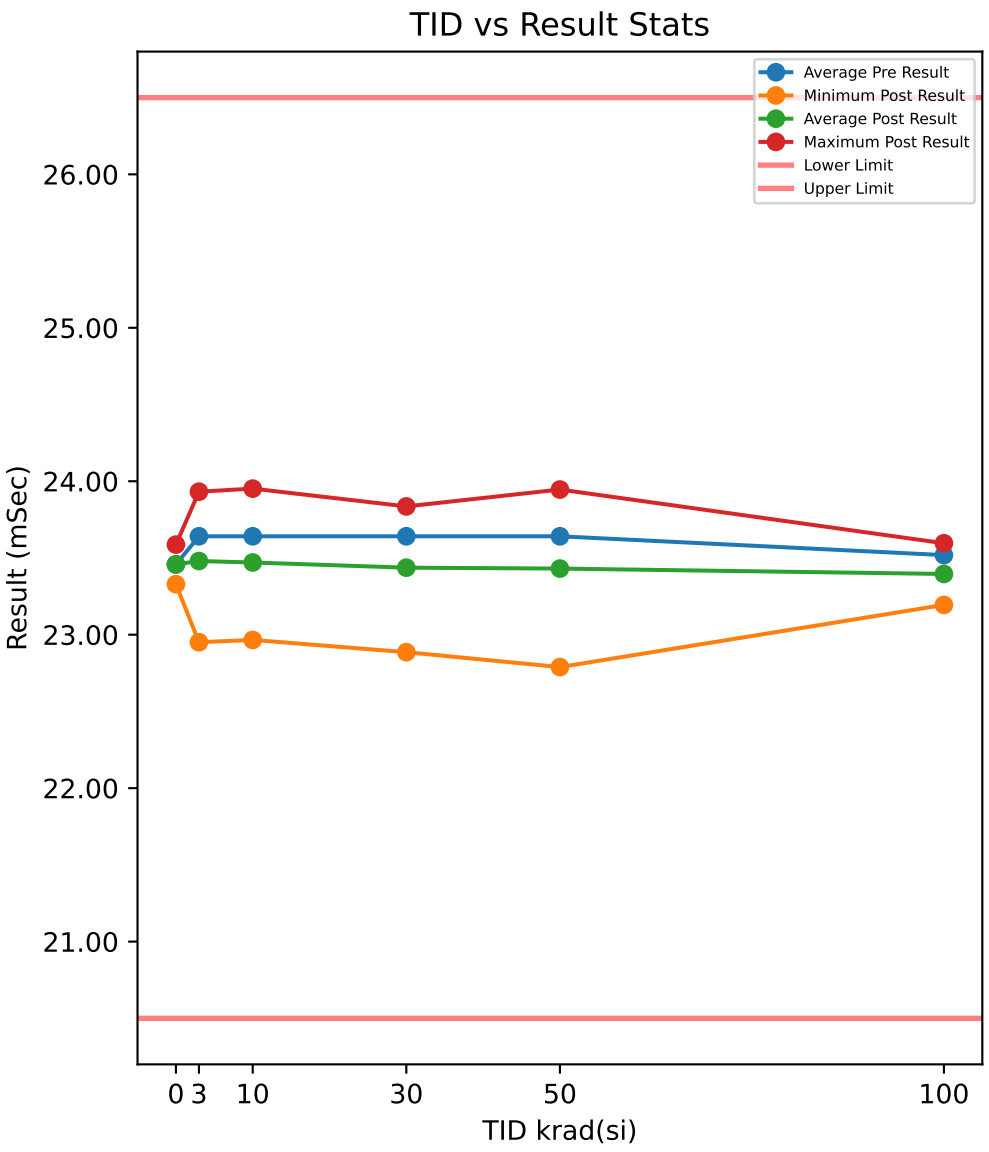
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

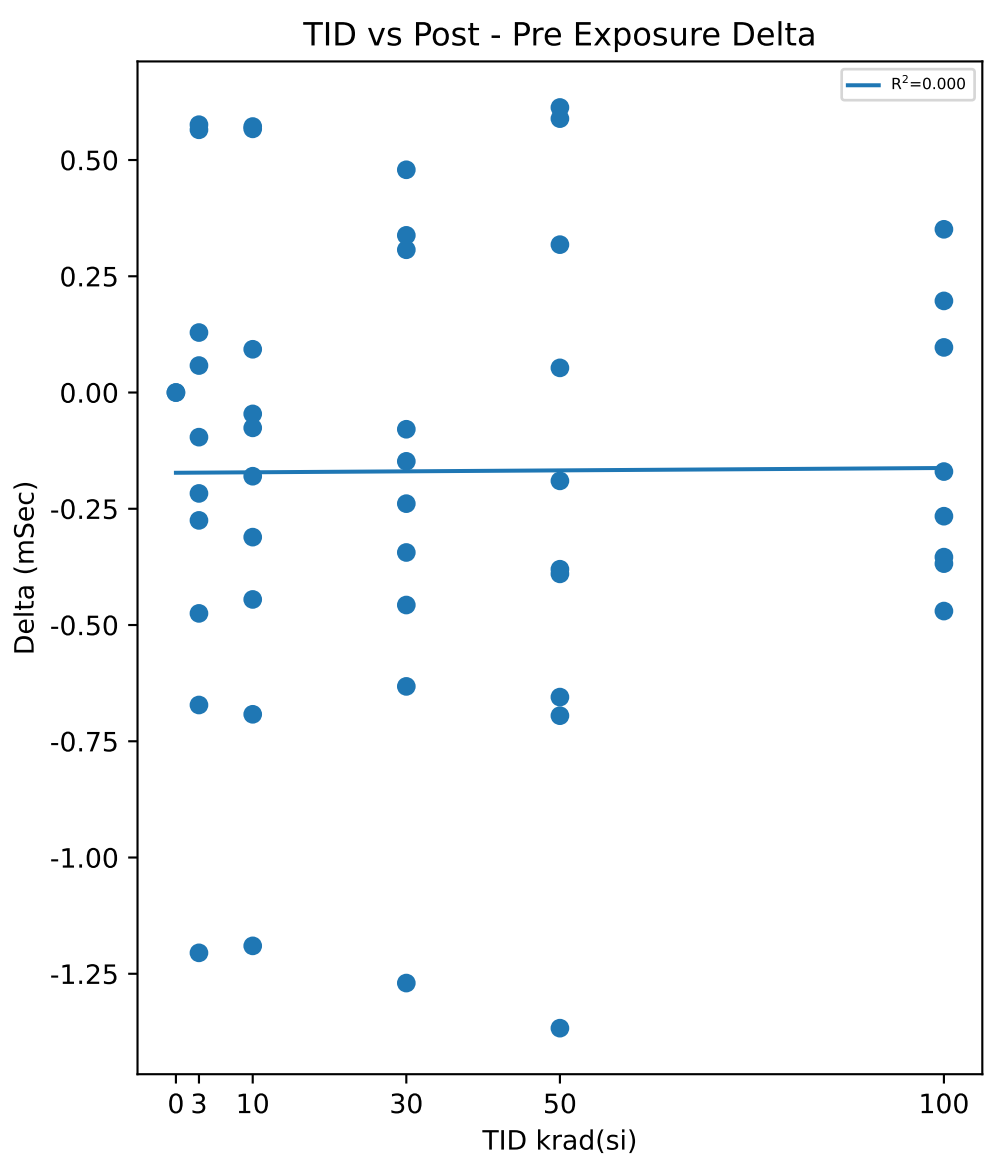
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.598	23.598	0
7	0	Correlation	23.316	23.316	0
16	3	LDR-Biased	23.856	23.179	-0.677
18	3	LDR-Biased	23.746	23.876	0.13
19	3	LDR-Biased	23.973	23.699	-0.274
20	3	LDR-Biased	23.654	23.181	-0.473
21	3	LDR-Biased	23.156	23.214	0.058
22	3	LDR-Unbiased	23.132	23.725	0.593
23	3	LDR-Unbiased	24.03	23.703	-0.327
25	3	LDR-Unbiased	24.159	22.947	-1.212
26	3	LDR-Unbiased	23.137	22.913	-0.224
27	3	LDR-Unbiased	23.357	23.921	0.564
46	10	LDR-Biased	23.856	23.158	-0.698
48	10	LDR-Biased	23.746	23.918	0.172
49	10	LDR-Biased	23.973	23.676	-0.297
50	10	LDR-Biased	23.654	23.013	-0.641
51	10	LDR-Biased	23.156	23.246	0.09
52	10	LDR-Unbiased	23.132	23.485	0.353
53	10	LDR-Unbiased	24.03	23.729	-0.301
55	10	LDR-Unbiased	24.159	22.966	-1.193
56	10	LDR-Unbiased	23.137	23.167	0.03
57	10	LDR-Unbiased	23.357	23.716	0.359
76	30	LDR-Biased	23.856	23.23	-0.626
78	30	LDR-Biased	23.746	23.864	0.118
79	30	LDR-Biased	23.973	23.625	-0.348
80	30	LDR-Biased	23.654	23.197	-0.457
81	30	LDR-Biased	23.156	23.46	0.304
82	30	LDR-Unbiased	23.132	23.693	0.561
83	30	LDR-Unbiased	24.03	24.026	-0.004
84	30	LDR-Unbiased	23.357	24.047	0.69
85	30	LDR-Unbiased	24.159	22.886	-1.273
86	30	LDR-Unbiased	23.137	23.196	0.059
87	100	LDR-Biased	23.17	23.38	0.21
88	100	LDR-Biased	23.86	23.593	-0.267
90	100	LDR-Biased	23.748	23.598	-0.15
91	100	LDR-Unbiased	23.134	23.253	0.119
93	100	LDR-Unbiased	23.159	23.256	0.097
94	100	LDR-Unbiased	23.856	23.166	-0.69
95	100	LDR-Unbiased	23.838	23.484	-0.354
96	100	LDR-Unbiased	23.365	23.194	-0.171
106	50	LDR-Biased	23.856	23.202	-0.654
108	50	LDR-Biased	23.746	23.799	0.053
109	50	LDR-Biased	23.973	23.323	-0.65
110	50	LDR-Biased	23.654	23.267	-0.387
111	50	LDR-Biased	23.156	23.495	0.339
112	50	LDR-Unbiased	23.132	23.743	0.611
113	50	LDR-Unbiased	24.03	23.624	-0.406
115	50	LDR-Unbiased	24.159	22.789	-1.37
116	50	LDR-Unbiased	23.137	22.952	-0.185
117	50	LDR-Unbiased	23.357	23.948	0.591

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.316	23.457	23.598	0.1994	23.316	23.457	23.598	0.1994	0	0	0	0
3	23.132	23.62	24.159	0.39607	22.913	23.436	23.921	0.3867	-1.212	-0.1842	0.593	0.55115
10	23.132	23.62	24.159	0.39607	22.966	23.407	23.918	0.33895	-1.193	-0.2126	0.359	0.50993
30	23.132	23.62	24.159	0.39607	22.886	23.522	24.047	0.39327	-1.273	-0.0976	0.69	0.5914
50	23.132	23.62	24.159	0.39607	22.789	23.414	23.948	0.37582	-1.37	-0.2058	0.611	0.62296
100	23.134	23.516	23.86	0.33961	23.166	23.366	23.598	0.17482	-0.69	-0.15075	0.21	0.29528

Device Test: 5.104 tdly_Res1p18M_SEQ_SU/SEQ_DONE/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





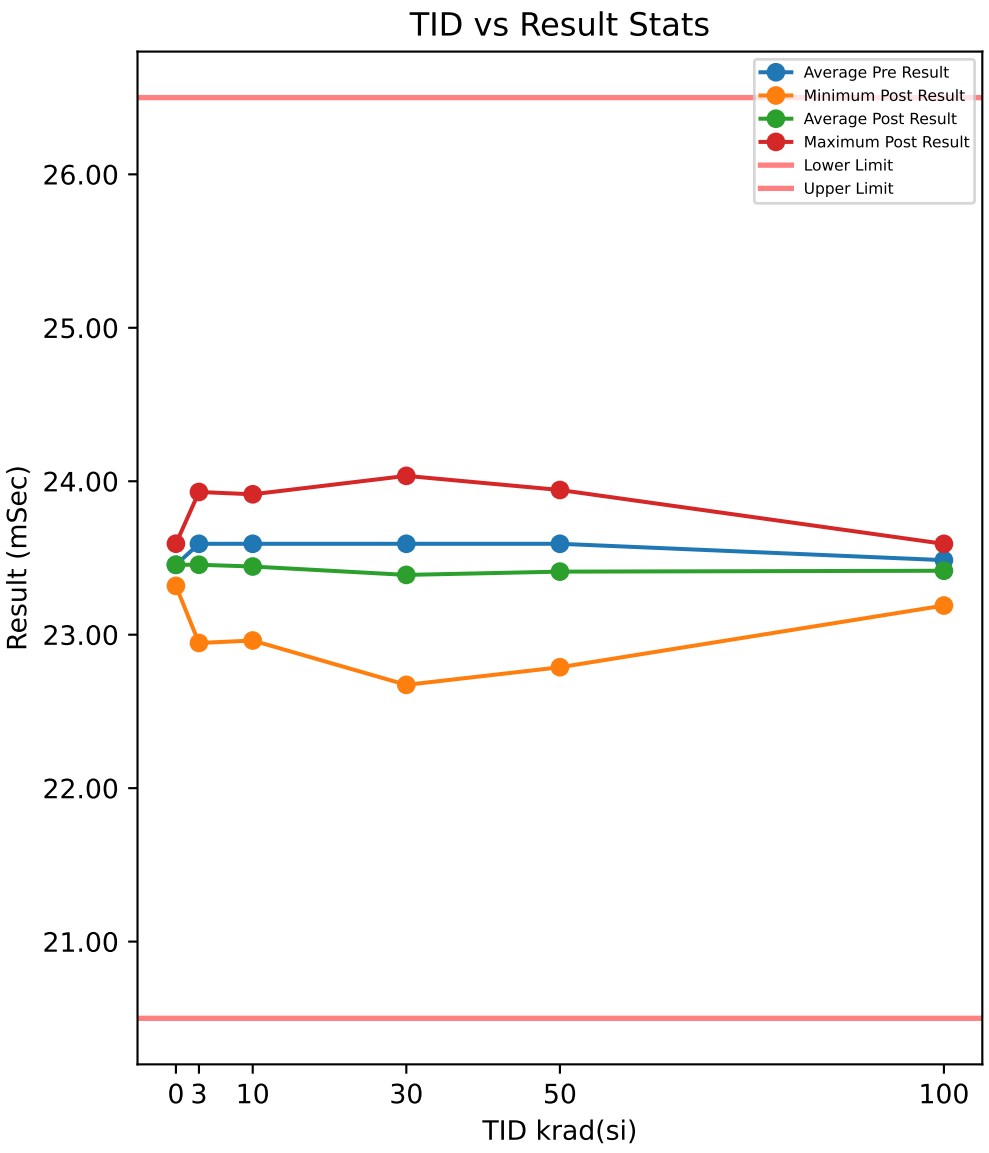
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

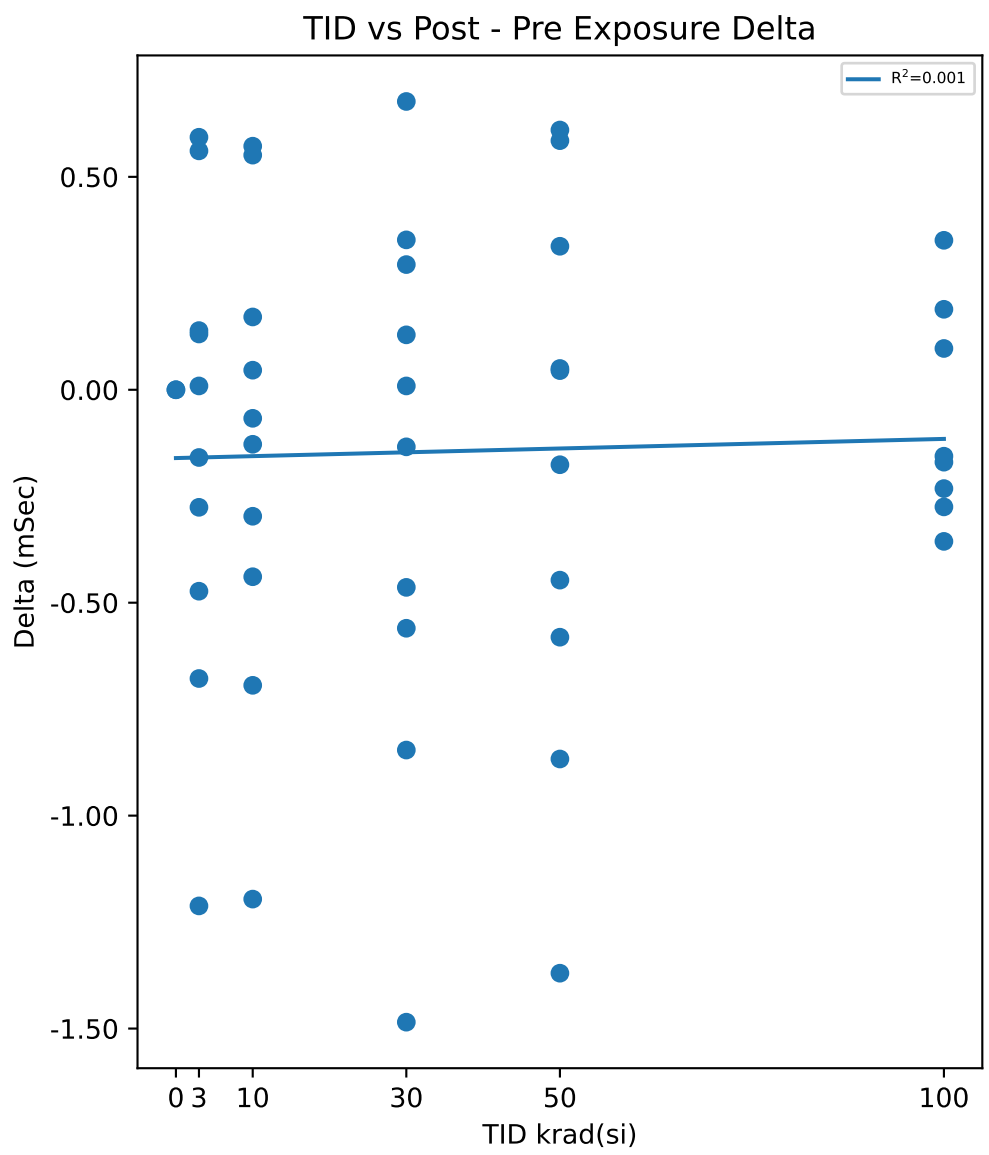
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.587	23.587	0
7	0	Correlation	23.329	23.329	0
16	3	LDR-Biased	23.858	23.186	-0.672
18	3	LDR-Biased	23.748	23.877	0.129
19	3	LDR-Biased	23.975	23.7	-0.275
20	3	LDR-Biased	23.655	23.18	-0.475
21	3	LDR-Biased	23.158	23.216	0.058
22	3	LDR-Unbiased	23.133	23.709	0.576
23	3	LDR-Unbiased	24.028	23.932	-0.096
25	3	LDR-Unbiased	24.156	22.951	-1.205
26	3	LDR-Unbiased	23.345	23.128	-0.217
27	3	LDR-Unbiased	23.357	23.922	0.565
46	10	LDR-Biased	23.858	23.166	-0.692
48	10	LDR-Biased	23.748	23.702	-0.046
49	10	LDR-Biased	23.975	23.664	-0.311
50	10	LDR-Biased	23.655	23.21	-0.445
51	10	LDR-Biased	23.158	23.251	0.093
52	10	LDR-Unbiased	23.133	23.705	0.572
53	10	LDR-Unbiased	24.028	23.952	-0.076
55	10	LDR-Unbiased	24.156	22.966	-1.19
56	10	LDR-Unbiased	23.345	23.165	-0.18
57	10	LDR-Unbiased	23.357	23.924	0.567
76	30	LDR-Biased	23.858	23.226	-0.632
78	30	LDR-Biased	23.748	23.669	-0.079
79	30	LDR-Biased	23.975	23.631	-0.344
80	30	LDR-Biased	23.655	23.198	-0.457
81	30	LDR-Biased	23.158	23.465	0.307
82	30	LDR-Unbiased	23.133	23.471	0.338
83	30	LDR-Unbiased	24.028	23.789	-0.239
84	30	LDR-Unbiased	23.357	23.836	0.479
85	30	LDR-Unbiased	24.156	22.886	-1.27
86	30	LDR-Unbiased	23.345	23.197	-0.148
87	100	LDR-Biased	23.184	23.381	0.197
88	100	LDR-Biased	23.862	23.596	-0.266
90	100	LDR-Biased	23.752	23.384	-0.368
91	100	LDR-Unbiased	23.135	23.486	0.351
93	100	LDR-Unbiased	23.158	23.255	0.097
94	100	LDR-Unbiased	23.857	23.387	-0.47
95	100	LDR-Unbiased	23.838	23.484	-0.354
96	100	LDR-Unbiased	23.364	23.194	-0.17
106	50	LDR-Biased	23.858	23.203	-0.655
108	50	LDR-Biased	23.748	23.801	0.053
109	50	LDR-Biased	23.975	23.28	-0.695
110	50	LDR-Biased	23.655	23.275	-0.38
111	50	LDR-Biased	23.158	23.476	0.318
112	50	LDR-Unbiased	23.133	23.746	0.613
113	50	LDR-Unbiased	24.028	23.838	-0.19
115	50	LDR-Unbiased	24.156	22.789	-1.367
116	50	LDR-Unbiased	23.345	22.955	-0.39
117	50	LDR-Unbiased	23.357	23.946	0.589

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.329	23.458	23.587	0.18243	23.329	23.458	23.587	0.18243	0	0	0	0
3	23.133	23.641	24.156	0.37192	22.951	23.48	23.932	0.38123	-1.205	-0.1612	0.576	0.54491
10	23.133	23.641	24.156	0.37192	22.966	23.471	23.952	0.35592	-1.19	-0.1708	0.572	0.53703
30	23.133	23.641	24.156	0.37192	22.886	23.437	23.836	0.30539	-1.27	-0.2045	0.479	0.52116
50	23.133	23.641	24.156	0.37192	22.789	23.431	23.946	0.39537	-1.367	-0.2104	0.613	0.62337
100	23.135	23.519	23.862	0.33848	23.194	23.396	23.596	0.12927	-0.47	-0.12288	0.351	0.30046

Device Test: 5.105 tdly_Res1p18M_PWRGD_SU/PWRGD/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





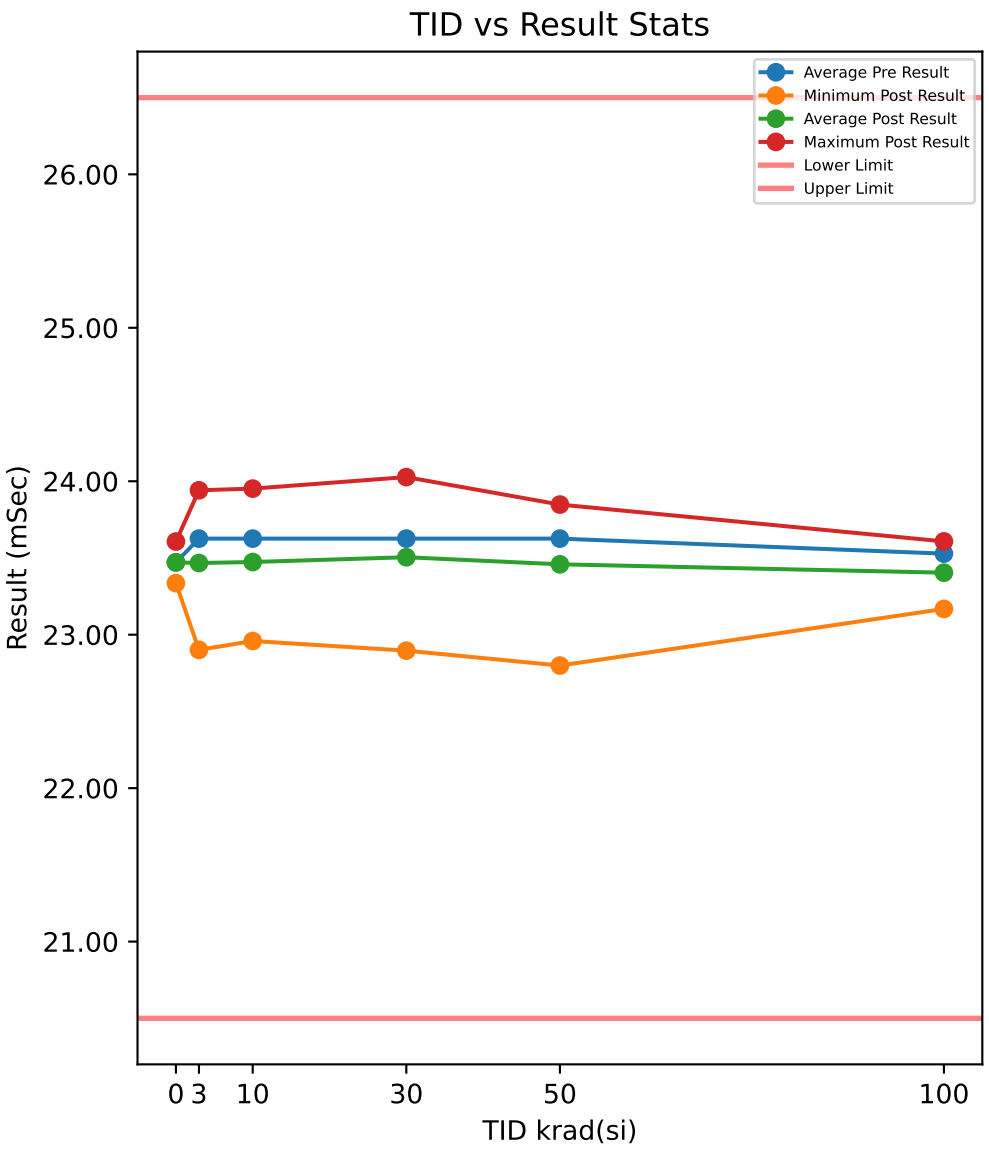
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

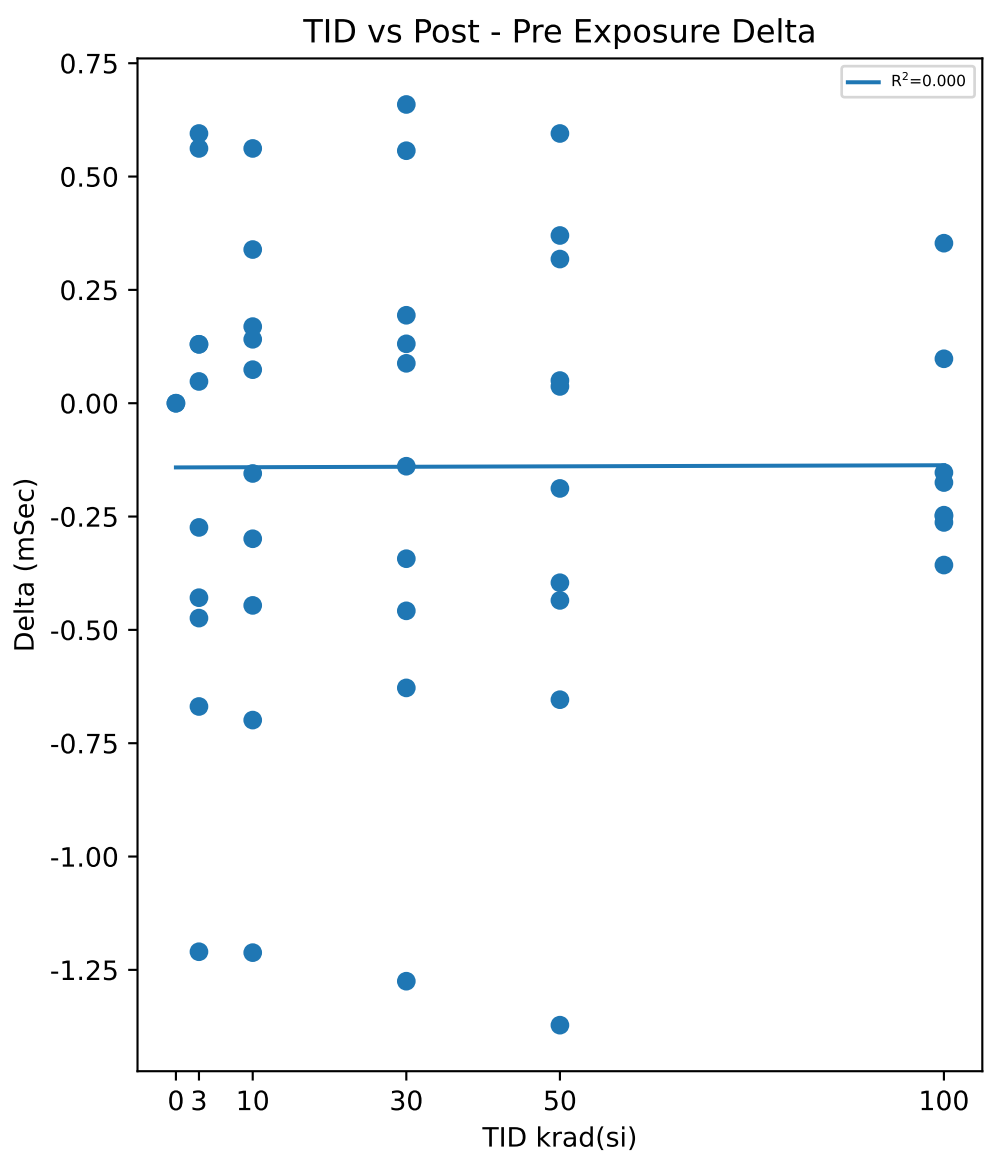
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.593	23.593	0
7	0	Correlation	23.318	23.318	0
16	3	LDR-Biased	23.855	23.177	-0.678
18	3	LDR-Biased	23.744	23.875	0.131
19	3	LDR-Biased	23.971	23.695	-0.276
20	3	LDR-Biased	23.651	23.178	-0.473
21	3	LDR-Biased	23.155	22.996	-0.159
22	3	LDR-Unbiased	23.13	23.723	0.593
23	3	LDR-Unbiased	23.791	23.93	0.139
25	3	LDR-Unbiased	24.158	22.946	-1.212
26	3	LDR-Unbiased	23.111	23.12	0.009
27	3	LDR-Unbiased	23.358	23.919	0.561
46	10	LDR-Biased	23.855	23.161	-0.694
48	10	LDR-Biased	23.744	23.915	0.171
49	10	LDR-Biased	23.971	23.674	-0.297
50	10	LDR-Biased	23.651	23.212	-0.439
51	10	LDR-Biased	23.155	23.027	-0.128
52	10	LDR-Unbiased	23.13	23.702	0.572
53	10	LDR-Unbiased	23.791	23.724	-0.067
55	10	LDR-Unbiased	24.158	22.962	-1.196
56	10	LDR-Unbiased	23.111	23.157	0.046
57	10	LDR-Unbiased	23.358	23.909	0.551
76	30	LDR-Biased	23.855	23.009	-0.846
78	30	LDR-Biased	23.744	23.873	0.129
79	30	LDR-Biased	23.971	23.411	-0.56
80	30	LDR-Biased	23.651	23.187	-0.464
81	30	LDR-Biased	23.155	23.449	0.294
82	30	LDR-Unbiased	23.13	23.482	0.352
83	30	LDR-Unbiased	23.791	23.8	0.009
84	30	LDR-Unbiased	23.358	24.035	0.677
85	30	LDR-Unbiased	24.158	22.673	-1.485
86	30	LDR-Unbiased	23.111	22.977	-0.134
87	100	LDR-Biased	23.188	23.377	0.189
88	100	LDR-Biased	23.852	23.577	-0.275
90	100	LDR-Biased	23.748	23.592	-0.156
91	100	LDR-Unbiased	23.131	23.482	0.351
93	100	LDR-Unbiased	23.156	23.253	0.097
94	100	LDR-Unbiased	23.615	23.383	-0.232
95	100	LDR-Unbiased	23.836	23.48	-0.356
96	100	LDR-Unbiased	23.36	23.19	-0.17
106	50	LDR-Biased	23.855	22.988	-0.867
108	50	LDR-Biased	23.744	23.794	0.05
109	50	LDR-Biased	23.971	23.524	-0.447
110	50	LDR-Biased	23.651	23.07	-0.581
111	50	LDR-Biased	23.155	23.492	0.337
112	50	LDR-Unbiased	23.13	23.74	0.61
113	50	LDR-Unbiased	23.791	23.836	0.045
115	50	LDR-Unbiased	24.158	22.788	-1.37
116	50	LDR-Unbiased	23.111	22.935	-0.176
117	50	LDR-Unbiased	23.358	23.943	0.585

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.318	23.456	23.593	0.19445	23.318	23.456	23.593	0.19445	0	0	0	0
3	23.111	23.592	24.158	0.37858	22.946	23.456	23.93	0.40589	-1.212	-0.1365	0.593	0.55482
10	23.111	23.592	24.158	0.37858	22.962	23.444	23.915	0.37393	-1.196	-0.1481	0.572	0.54331
30	23.111	23.592	24.158	0.37858	22.673	23.39	24.035	0.43472	-1.485	-0.2028	0.677	0.6448
50	23.111	23.592	24.158	0.37858	22.788	23.411	23.943	0.42789	-1.37	-0.1814	0.61	0.6412
100	23.131	23.486	23.852	0.31199	23.19	23.417	23.592	0.14422	-0.356	-0.069	0.351	0.25062

Device Test: 5.106 tdly_Res1p18M_EN1_SD/EN1/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





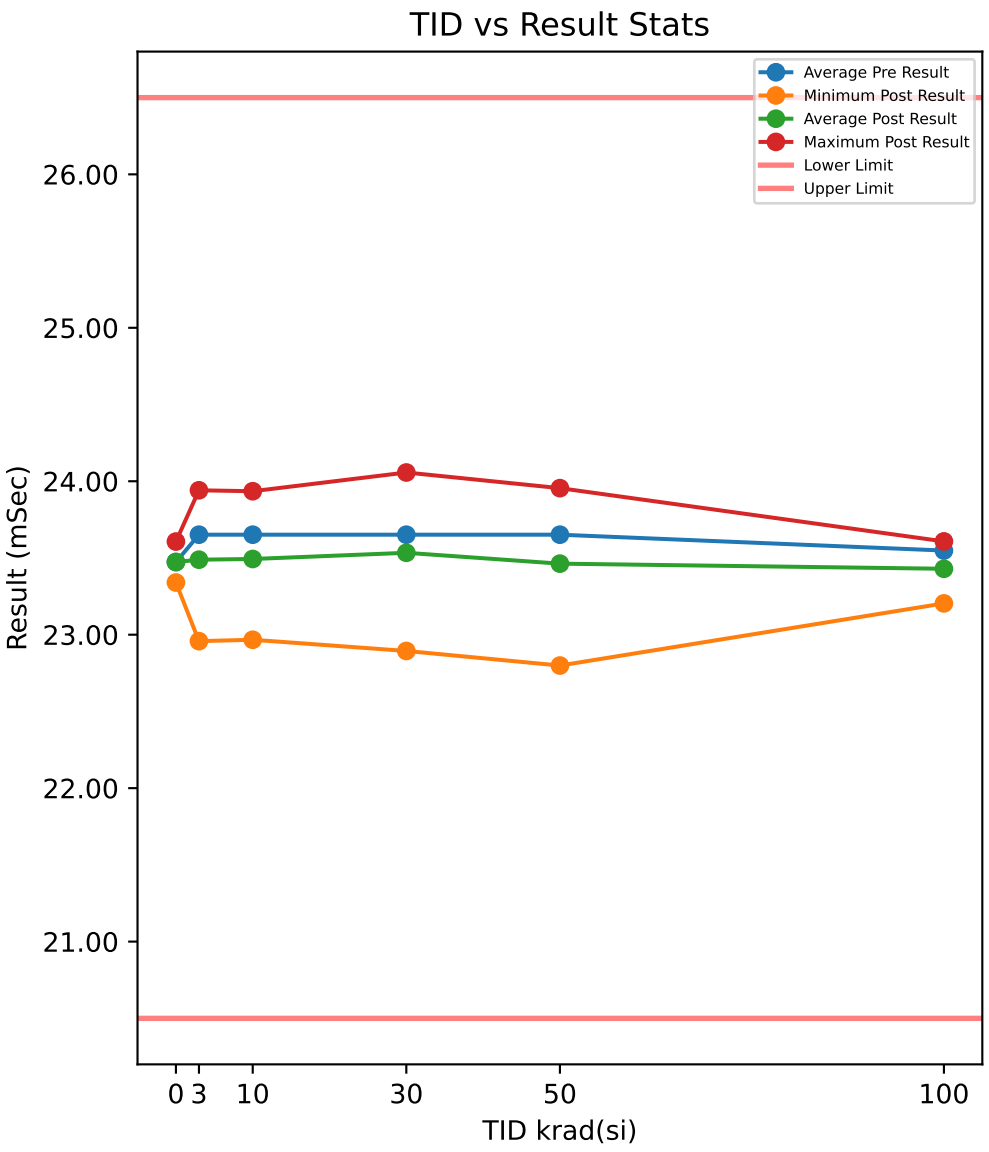
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

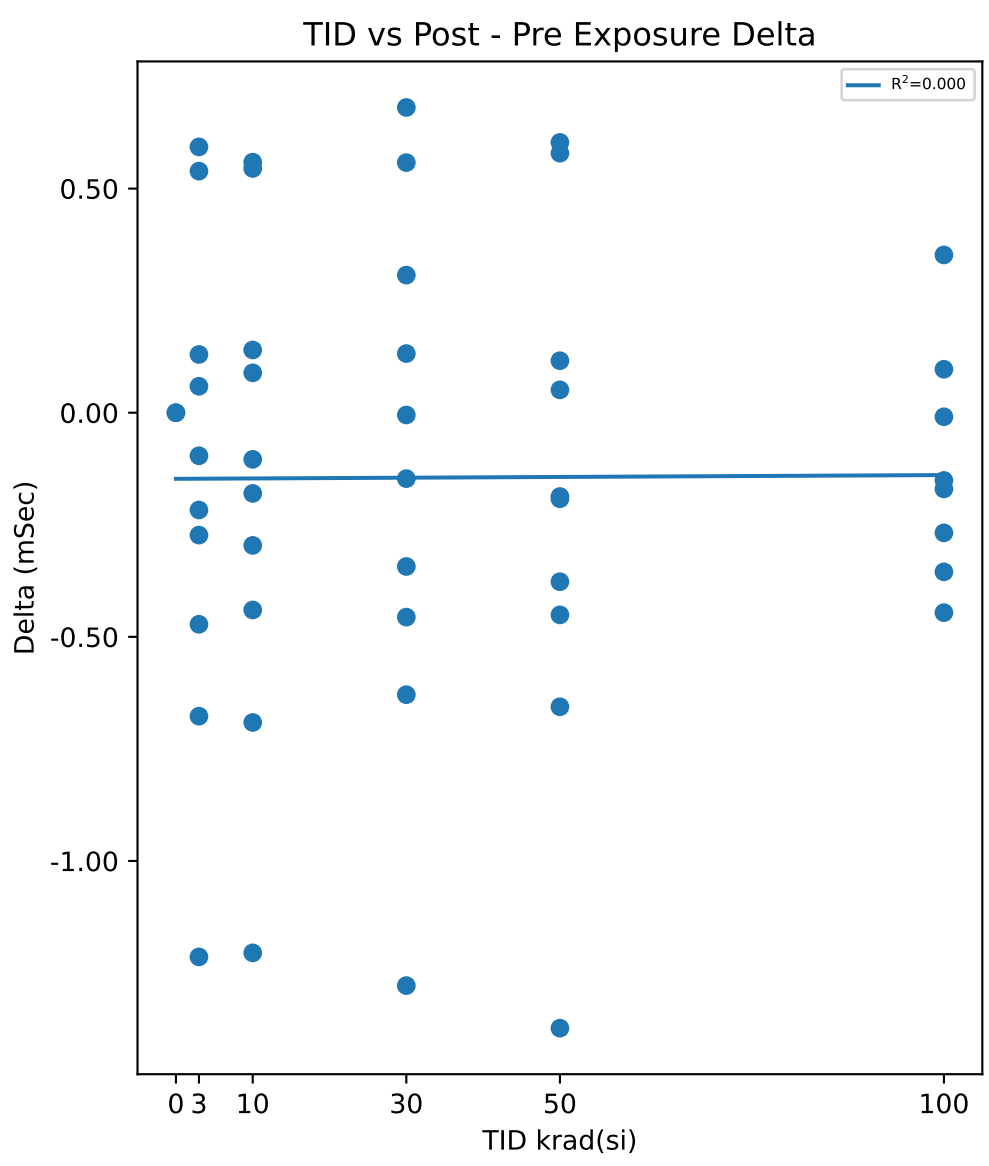
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.607	23.607	0
7	0	Correlation	23.336	23.336	0
16	3	LDR-Biased	23.866	23.197	-0.669
18	3	LDR-Biased	23.759	23.889	0.13
19	3	LDR-Biased	23.982	23.708	-0.274
20	3	LDR-Biased	23.664	23.19	-0.474
21	3	LDR-Biased	23.168	23.216	0.048
22	3	LDR-Unbiased	23.143	23.738	0.595
23	3	LDR-Unbiased	23.811	23.941	0.13
25	3	LDR-Unbiased	24.171	22.961	-1.21
26	3	LDR-Unbiased	23.33	22.901	-0.429
27	3	LDR-Unbiased	23.368	23.93	0.562
46	10	LDR-Biased	23.866	23.167	-0.699
48	10	LDR-Biased	23.759	23.928	0.169
49	10	LDR-Biased	23.982	23.683	-0.299
50	10	LDR-Biased	23.664	23.218	-0.446
51	10	LDR-Biased	23.168	23.242	0.074
52	10	LDR-Unbiased	23.143	23.705	0.562
53	10	LDR-Unbiased	23.811	23.952	0.141
55	10	LDR-Unbiased	24.171	22.959	-1.212
56	10	LDR-Unbiased	23.33	23.175	-0.155
57	10	LDR-Unbiased	23.368	23.707	0.339
76	30	LDR-Biased	23.866	23.238	-0.628
78	30	LDR-Biased	23.759	23.89	0.131
79	30	LDR-Biased	23.982	23.639	-0.343
80	30	LDR-Biased	23.664	23.206	-0.458
81	30	LDR-Biased	23.168	23.256	0.088
82	30	LDR-Unbiased	23.143	23.7	0.557
83	30	LDR-Unbiased	23.811	24.005	0.194
84	30	LDR-Unbiased	23.368	24.027	0.659
85	30	LDR-Unbiased	24.171	22.896	-1.275
86	30	LDR-Unbiased	23.33	23.191	-0.139
87	100	LDR-Biased	23.415	23.168	-0.247
88	100	LDR-Biased	23.869	23.606	-0.263
90	100	LDR-Biased	23.761	23.608	-0.153
91	100	LDR-Unbiased	23.144	23.497	0.353
93	100	LDR-Unbiased	23.167	23.265	0.098
94	100	LDR-Unbiased	23.643	23.394	-0.249
95	100	LDR-Unbiased	23.85	23.493	-0.357
96	100	LDR-Unbiased	23.377	23.202	-0.175
106	50	LDR-Biased	23.866	23.212	-0.654
108	50	LDR-Biased	23.759	23.809	0.05
109	50	LDR-Biased	23.982	23.547	-0.435
110	50	LDR-Biased	23.664	23.268	-0.396
111	50	LDR-Biased	23.168	23.486	0.318
112	50	LDR-Unbiased	23.143	23.738	0.595
113	50	LDR-Unbiased	23.811	23.848	0.037
115	50	LDR-Unbiased	24.171	22.799	-1.372
116	50	LDR-Unbiased	23.33	23.142	-0.188
117	50	LDR-Unbiased	23.368	23.738	0.37

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.336	23.471	23.607	0.19163	23.336	23.471	23.607	0.19163	0	0	0	0
3	23.143	23.626	24.171	0.35464	22.901	23.467	23.941	0.41334	-1.21	-0.1591	0.595	0.56256
10	23.143	23.626	24.171	0.35464	22.959	23.474	23.952	0.35811	-1.212	-0.1526	0.562	0.52933
30	23.143	23.626	24.171	0.35464	22.896	23.505	24.027	0.39705	-1.275	-0.1214	0.659	0.57989
50	23.143	23.626	24.171	0.35464	22.799	23.459	23.848	0.34505	-1.372	-0.1675	0.595	0.57801
100	23.144	23.528	23.869	0.29297	23.168	23.404	23.608	0.17522	-0.357	-0.12412	0.353	0.2344

Device Test: 5.107 tdly_Res1p18M_EN2_SD/EN2/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





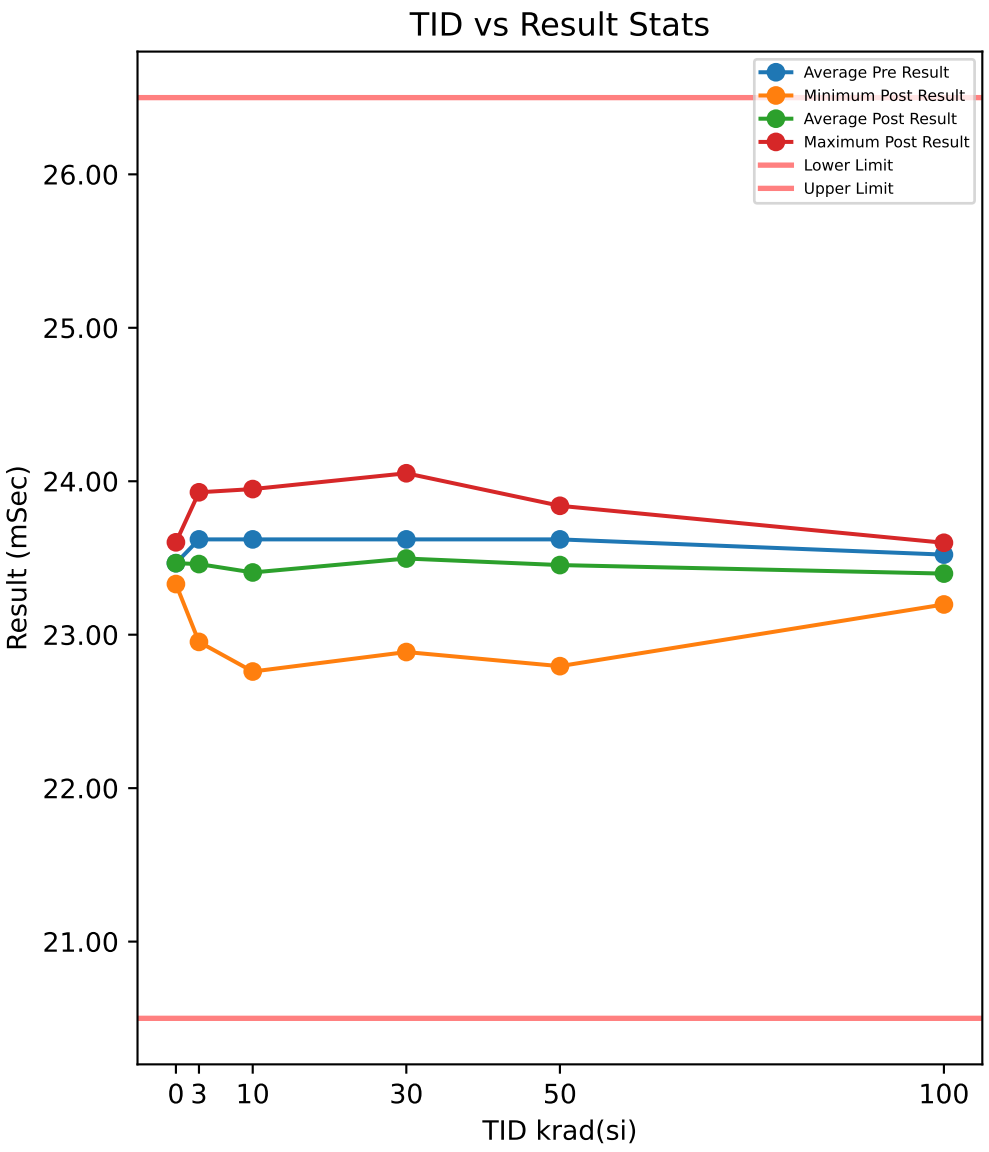
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

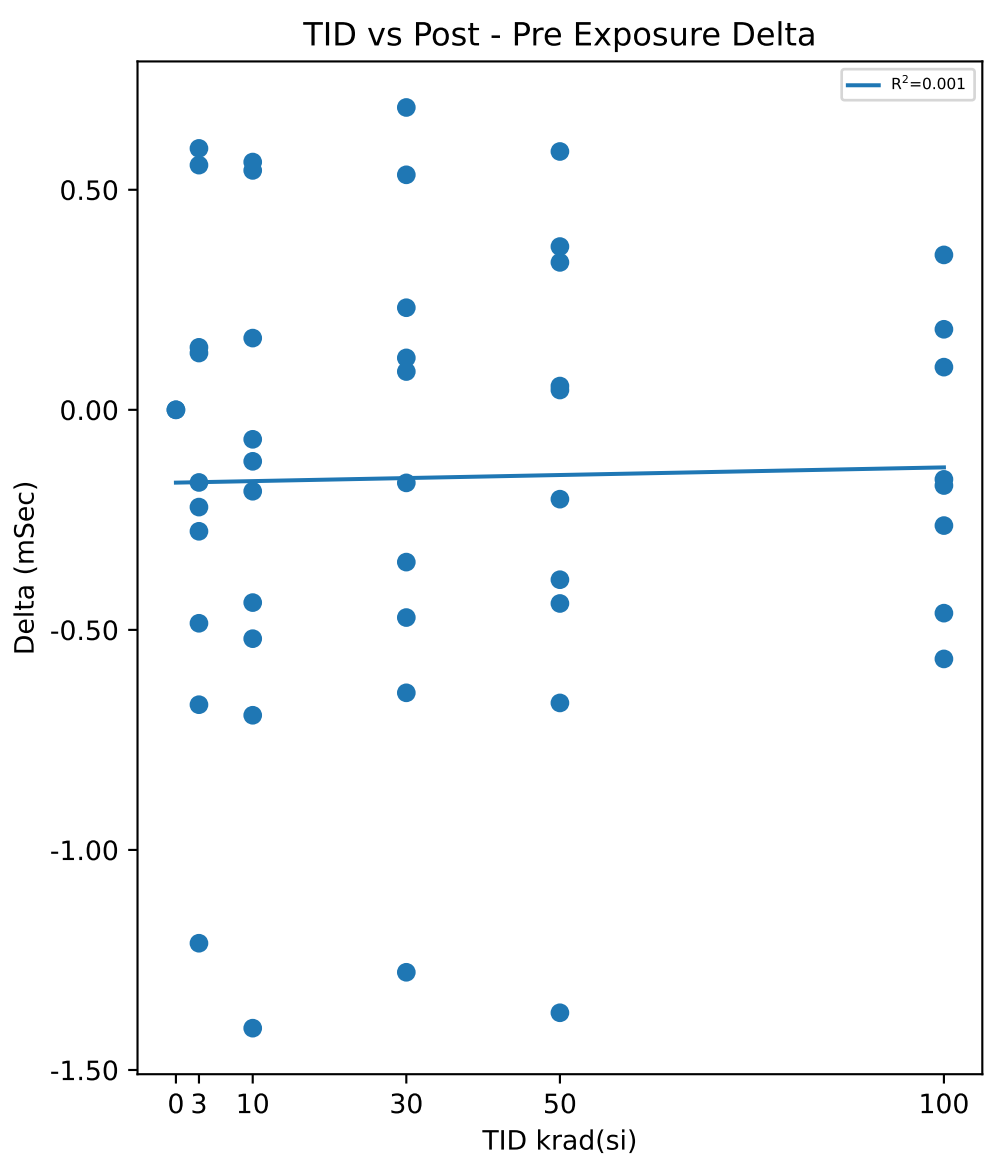
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.607	23.607	0
7	0	Correlation	23.34	23.34	0
16	3	LDR-Biased	23.867	23.19	-0.677
18	3	LDR-Biased	23.758	23.888	0.13
19	3	LDR-Biased	23.982	23.709	-0.273
20	3	LDR-Biased	23.663	23.191	-0.472
21	3	LDR-Biased	23.167	23.226	0.059
22	3	LDR-Unbiased	23.142	23.735	0.593
23	3	LDR-Unbiased	24.037	23.941	-0.096
25	3	LDR-Unbiased	24.172	22.958	-1.214
26	3	LDR-Unbiased	23.353	23.136	-0.217
27	3	LDR-Unbiased	23.376	23.915	0.539
46	10	LDR-Biased	23.867	23.176	-0.691
48	10	LDR-Biased	23.758	23.898	0.14
49	10	LDR-Biased	23.982	23.686	-0.296
50	10	LDR-Biased	23.663	23.223	-0.44
51	10	LDR-Biased	23.167	23.256	0.089
52	10	LDR-Unbiased	23.142	23.687	0.545
53	10	LDR-Unbiased	24.037	23.933	-0.104
55	10	LDR-Unbiased	24.172	22.967	-1.205
56	10	LDR-Unbiased	23.353	23.173	-0.18
57	10	LDR-Unbiased	23.376	23.935	0.559
76	30	LDR-Biased	23.867	23.238	-0.629
78	30	LDR-Biased	23.758	23.89	0.132
79	30	LDR-Biased	23.982	23.639	-0.343
80	30	LDR-Biased	23.663	23.207	-0.456
81	30	LDR-Biased	23.167	23.474	0.307
82	30	LDR-Unbiased	23.142	23.7	0.558
83	30	LDR-Unbiased	24.037	24.032	-0.005
84	30	LDR-Unbiased	23.376	24.057	0.681
85	30	LDR-Unbiased	24.172	22.894	-1.278
86	30	LDR-Unbiased	23.353	23.206	-0.147
87	100	LDR-Biased	23.399	23.39	-0.009
88	100	LDR-Biased	23.855	23.587	-0.268
90	100	LDR-Biased	23.759	23.608	-0.151
91	100	LDR-Unbiased	23.143	23.495	0.352
93	100	LDR-Unbiased	23.168	23.265	0.097
94	100	LDR-Unbiased	23.841	23.395	-0.446
95	100	LDR-Unbiased	23.848	23.493	-0.355
96	100	LDR-Unbiased	23.374	23.204	-0.17
106	50	LDR-Biased	23.867	23.211	-0.656
108	50	LDR-Biased	23.758	23.809	0.051
109	50	LDR-Biased	23.982	23.531	-0.451
110	50	LDR-Biased	23.663	23.286	-0.377
111	50	LDR-Biased	23.167	23.283	0.116
112	50	LDR-Unbiased	23.142	23.745	0.603
113	50	LDR-Unbiased	24.037	23.845	-0.192
115	50	LDR-Unbiased	24.172	22.799	-1.373
116	50	LDR-Unbiased	23.353	23.166	-0.187
117	50	LDR-Unbiased	23.376	23.955	0.579

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.34	23.474	23.607	0.1888	23.34	23.474	23.607	0.1888	0	0	0	0
3	23.142	23.652	24.172	0.37208	22.958	23.489	23.941	0.3812	-1.214	-0.1628	0.593	0.54602
10	23.142	23.652	24.172	0.37208	22.967	23.493	23.935	0.37066	-1.205	-0.1583	0.559	0.54164
30	23.142	23.652	24.172	0.37208	22.894	23.534	24.057	0.39471	-1.278	-0.118	0.681	0.58913
50	23.142	23.652	24.172	0.37208	22.799	23.463	23.955	0.37241	-1.373	-0.1887	0.603	0.5861
100	23.143	23.548	23.855	0.31065	23.204	23.43	23.608	0.14425	-0.446	-0.11875	0.352	0.25886

Device Test: 5.108 tdly_Res1p18M_EN3_SD/EN3/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





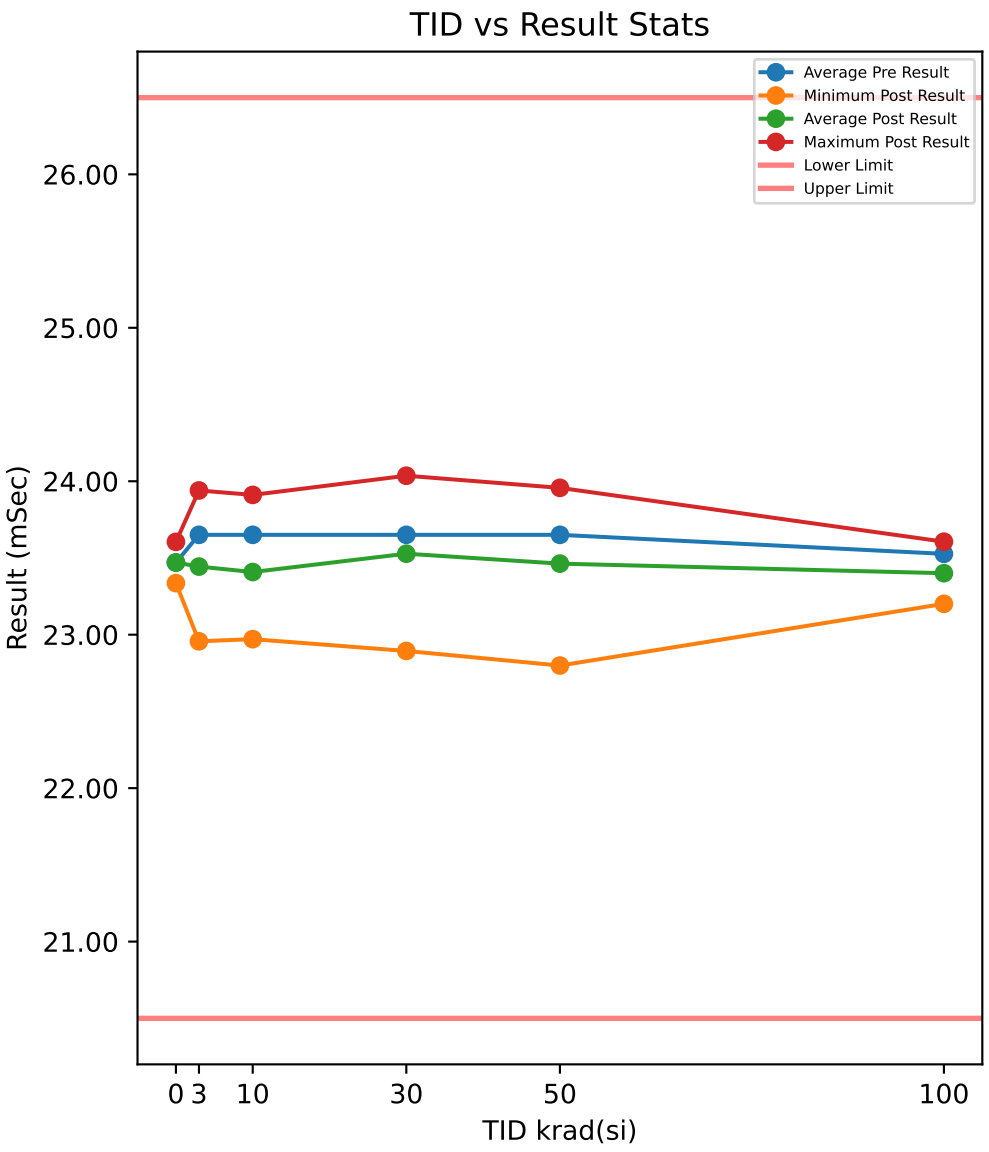
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

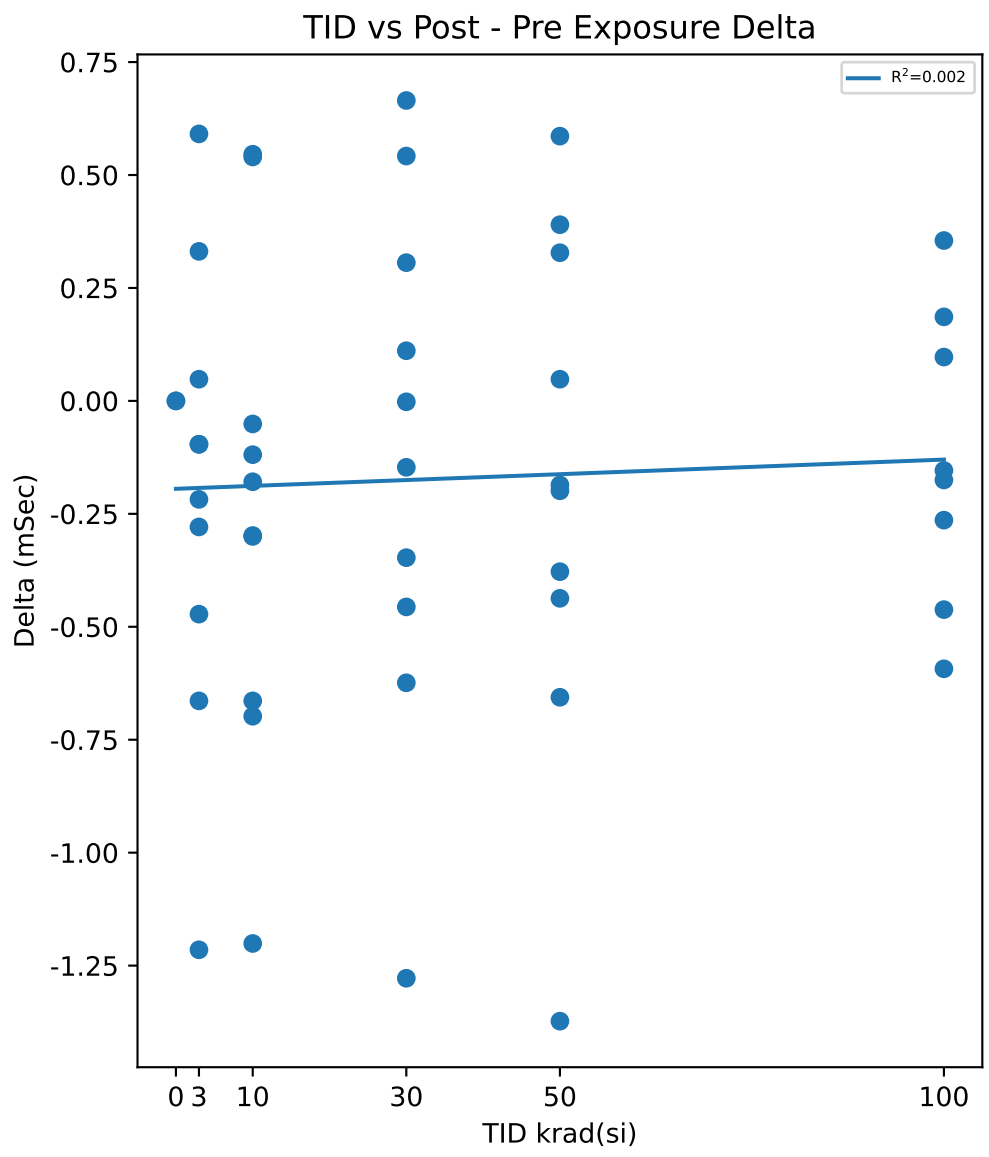
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.602	23.602	0
7	0	Correlation	23.33	23.33	0
16	3	LDR-Biased	23.862	23.192	-0.67
18	3	LDR-Biased	23.754	23.883	0.129
19	3	LDR-Biased	23.977	23.701	-0.276
20	3	LDR-Biased	23.657	23.172	-0.485
21	3	LDR-Biased	23.161	22.996	-0.165
22	3	LDR-Unbiased	23.138	23.732	0.594
23	3	LDR-Unbiased	23.786	23.928	0.142
25	3	LDR-Unbiased	24.165	22.953	-1.212
26	3	LDR-Unbiased	23.346	23.125	-0.221
27	3	LDR-Unbiased	23.365	23.921	0.556
46	10	LDR-Biased	23.862	23.168	-0.694
48	10	LDR-Biased	23.754	23.687	-0.067
49	10	LDR-Biased	23.977	23.457	-0.52
50	10	LDR-Biased	23.657	23.219	-0.438
51	10	LDR-Biased	23.161	23.044	-0.117
52	10	LDR-Unbiased	23.138	23.701	0.563
53	10	LDR-Unbiased	23.786	23.949	0.163
55	10	LDR-Unbiased	24.165	22.76	-1.405
56	10	LDR-Unbiased	23.346	23.161	-0.185
57	10	LDR-Unbiased	23.365	23.909	0.544
76	30	LDR-Biased	23.862	23.219	-0.643
78	30	LDR-Biased	23.754	23.872	0.118
79	30	LDR-Biased	23.977	23.631	-0.346
80	30	LDR-Biased	23.657	23.185	-0.472
81	30	LDR-Biased	23.161	23.248	0.087
82	30	LDR-Unbiased	23.138	23.672	0.534
83	30	LDR-Unbiased	23.786	24.018	0.232
84	30	LDR-Unbiased	23.365	24.052	0.687
85	30	LDR-Unbiased	24.165	22.887	-1.278
86	30	LDR-Unbiased	23.346	23.18	-0.166
87	100	LDR-Biased	23.199	23.382	0.183
88	100	LDR-Biased	23.862	23.599	-0.263
90	100	LDR-Biased	23.755	23.597	-0.158
91	100	LDR-Unbiased	23.136	23.488	0.352
93	100	LDR-Unbiased	23.162	23.259	0.097
94	100	LDR-Unbiased	23.851	23.389	-0.462
95	100	LDR-Unbiased	23.841	23.275	-0.566
96	100	LDR-Unbiased	23.369	23.197	-0.172
106	50	LDR-Biased	23.862	23.196	-0.666
108	50	LDR-Biased	23.754	23.799	0.045
109	50	LDR-Biased	23.977	23.537	-0.44
110	50	LDR-Biased	23.657	23.271	-0.386
111	50	LDR-Biased	23.161	23.496	0.335
112	50	LDR-Unbiased	23.138	23.725	0.587
113	50	LDR-Unbiased	23.786	23.84	0.054
115	50	LDR-Unbiased	24.165	22.795	-1.37
116	50	LDR-Unbiased	23.346	23.143	-0.203
117	50	LDR-Unbiased	23.365	23.736	0.371

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.33	23.466	23.602	0.19233	23.33	23.466	23.602	0.19233	0	0	0	0
3	23.138	23.621	24.165	0.35166	22.953	23.46	23.928	0.40577	-1.212	-0.1608	0.594	0.55232
10	23.138	23.621	24.165	0.35166	22.76	23.405	23.949	0.39671	-1.405	-0.2156	0.563	0.59113
30	23.138	23.621	24.165	0.35166	22.887	23.496	24.052	0.40523	-1.278	-0.1247	0.687	0.5863
50	23.138	23.621	24.165	0.35166	22.795	23.454	23.84	0.3433	-1.37	-0.1673	0.587	0.57963
100	23.136	23.522	23.862	0.33514	23.197	23.398	23.599	0.15273	-0.566	-0.12362	0.352	0.31669

Device Test: 5.109 tdly_Res1p18M_EN4_SD/EN4/1.6/14/1.18M/0/0/@DLY_TMR_1MOHM





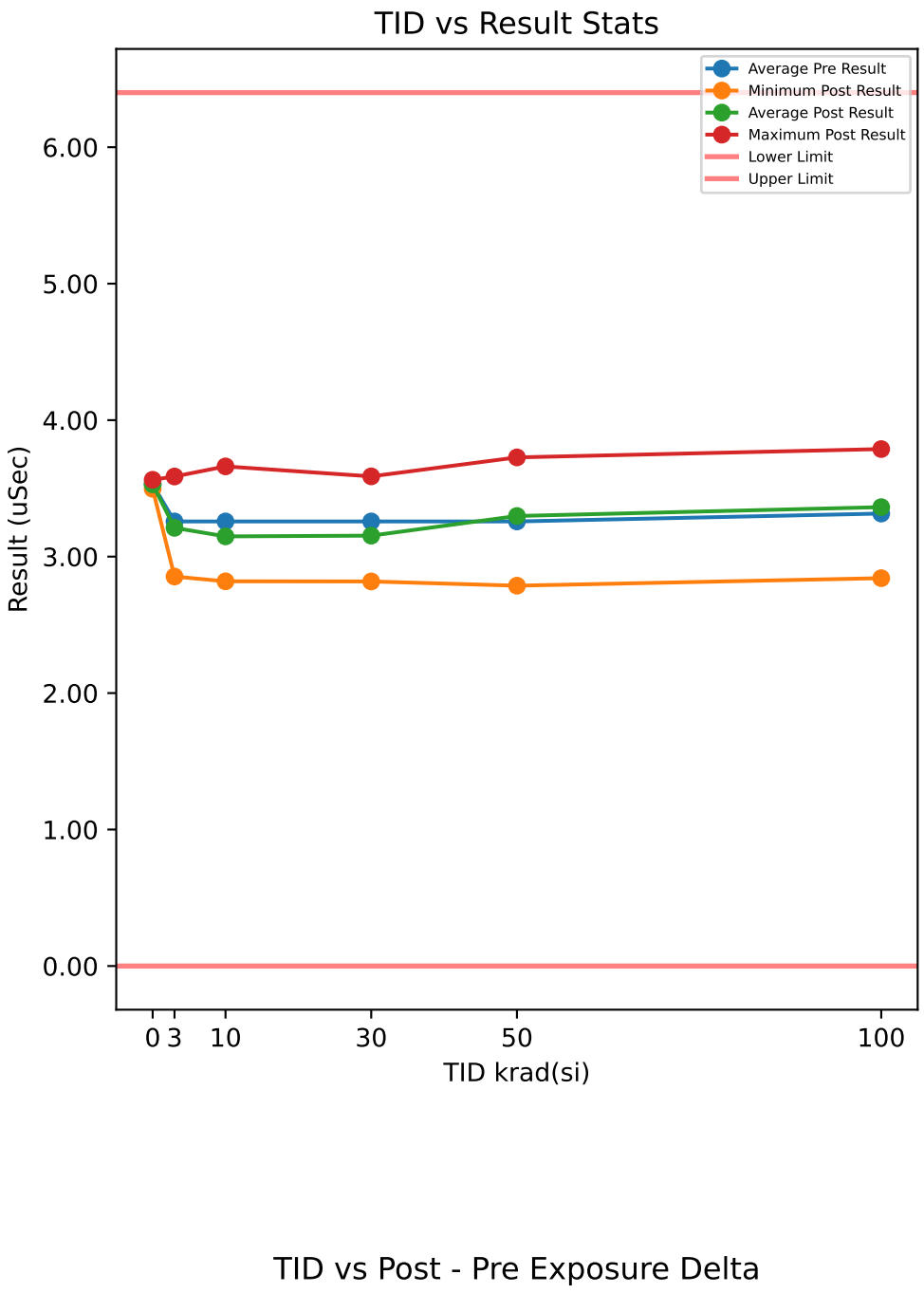
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

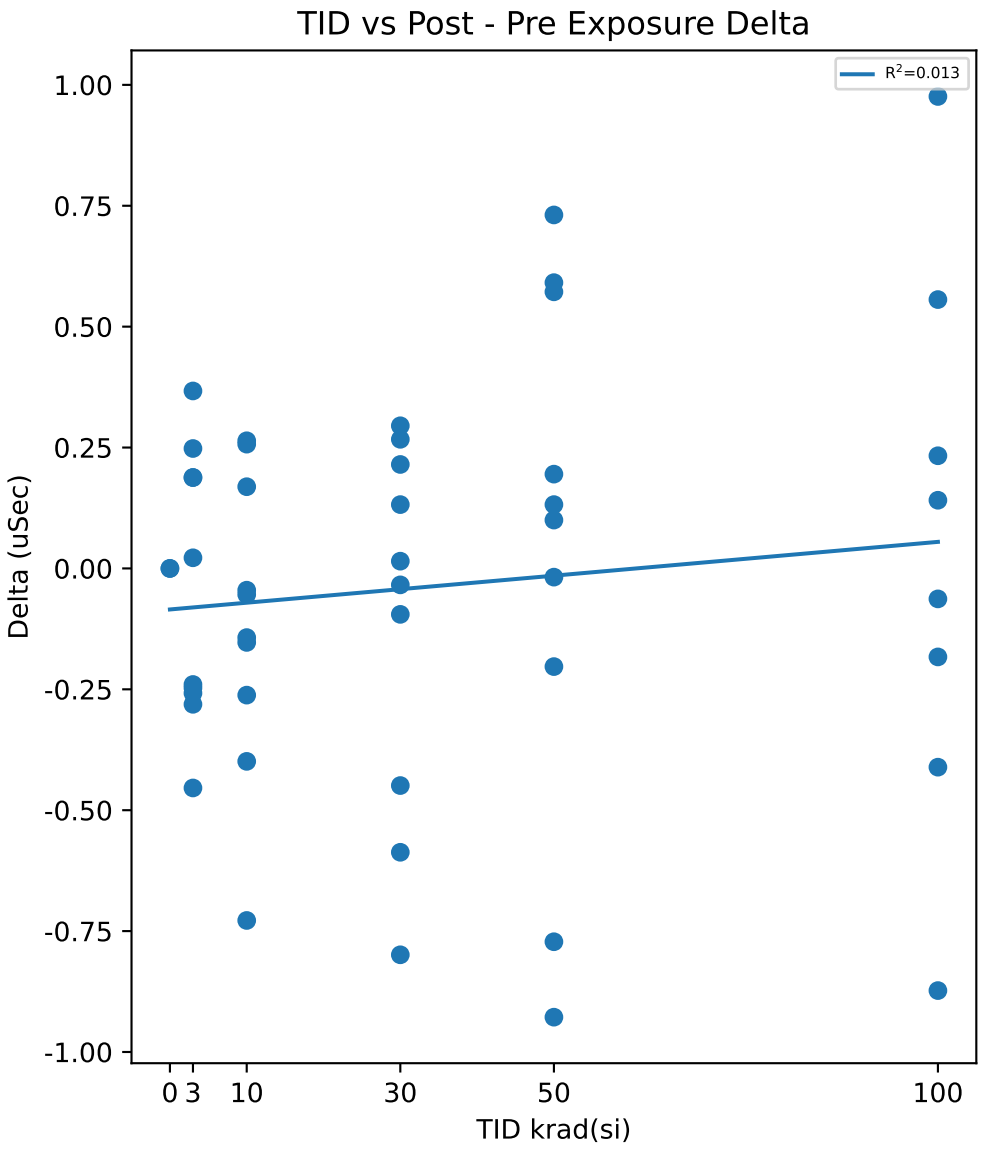
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.605	23.605	0
7	0	Correlation	23.336	23.336	0
16	3	LDR-Biased	23.865	23.201	-0.664
18	3	LDR-Biased	23.757	23.661	-0.096
19	3	LDR-Biased	23.983	23.704	-0.279
20	3	LDR-Biased	23.663	23.191	-0.472
21	3	LDR-Biased	23.167	23.215	0.048
22	3	LDR-Unbiased	23.142	23.733	0.591
23	3	LDR-Unbiased	24.036	23.94	-0.096
25	3	LDR-Unbiased	24.172	22.957	-1.215
26	3	LDR-Unbiased	23.352	23.134	-0.218
27	3	LDR-Unbiased	23.371	23.702	0.331
46	10	LDR-Biased	23.865	23.167	-0.698
48	10	LDR-Biased	23.757	23.706	-0.051
49	10	LDR-Biased	23.983	23.683	-0.3
50	10	LDR-Biased	23.663	22.999	-0.664
51	10	LDR-Biased	23.167	23.048	-0.119
52	10	LDR-Unbiased	23.142	23.688	0.546
53	10	LDR-Unbiased	24.036	23.738	-0.298
55	10	LDR-Unbiased	24.172	22.971	-1.201
56	10	LDR-Unbiased	23.352	23.173	-0.179
57	10	LDR-Unbiased	23.371	23.911	0.54
76	30	LDR-Biased	23.865	23.241	-0.624
78	30	LDR-Biased	23.757	23.868	0.111
79	30	LDR-Biased	23.983	23.636	-0.347
80	30	LDR-Biased	23.663	23.207	-0.456
81	30	LDR-Biased	23.167	23.473	0.306
82	30	LDR-Unbiased	23.142	23.684	0.542
83	30	LDR-Unbiased	24.036	24.034	-0.002
84	30	LDR-Unbiased	23.371	24.036	0.665
85	30	LDR-Unbiased	24.172	22.894	-1.278
86	30	LDR-Unbiased	23.352	23.205	-0.147
87	100	LDR-Biased	23.202	23.388	0.186
88	100	LDR-Biased	23.868	23.604	-0.264
90	100	LDR-Biased	23.76	23.606	-0.154
91	100	LDR-Unbiased	23.138	23.493	0.355
93	100	LDR-Unbiased	23.167	23.264	0.097
94	100	LDR-Unbiased	23.857	23.395	-0.462
95	100	LDR-Unbiased	23.848	23.255	-0.593
96	100	LDR-Unbiased	23.376	23.201	-0.175
106	50	LDR-Biased	23.865	23.209	-0.656
108	50	LDR-Biased	23.757	23.805	0.048
109	50	LDR-Biased	23.983	23.546	-0.437
110	50	LDR-Biased	23.663	23.285	-0.378
111	50	LDR-Biased	23.167	23.495	0.328
112	50	LDR-Unbiased	23.142	23.532	0.39
113	50	LDR-Unbiased	24.036	23.837	-0.199
115	50	LDR-Unbiased	24.172	22.799	-1.373
116	50	LDR-Unbiased	23.352	23.166	-0.186
117	50	LDR-Unbiased	23.371	23.957	0.586

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.336	23.471	23.605	0.19021	23.336	23.471	23.605	0.19021	0	0	0	0
3	23.142	23.651	24.172	0.37241	22.957	23.444	23.94	0.33658	-1.215	-0.207	0.591	0.50732
10	23.142	23.651	24.172	0.37241	22.971	23.408	23.911	0.36604	-1.201	-0.2424	0.546	0.53751
30	23.142	23.651	24.172	0.37241	22.894	23.528	24.036	0.38879	-1.278	-0.123	0.665	0.58341
50	23.142	23.651	24.172	0.37241	22.799	23.463	23.957	0.35572	-1.373	-0.1877	0.586	0.57509
100	23.138	23.527	23.868	0.33634	23.201	23.401	23.606	0.15675	-0.593	-0.12625	0.355	0.3233

Device Test: 5.11 tpd_PWRGD_SD/PWRGD/1.6/3/0/0/0/@TPD_PWRGD





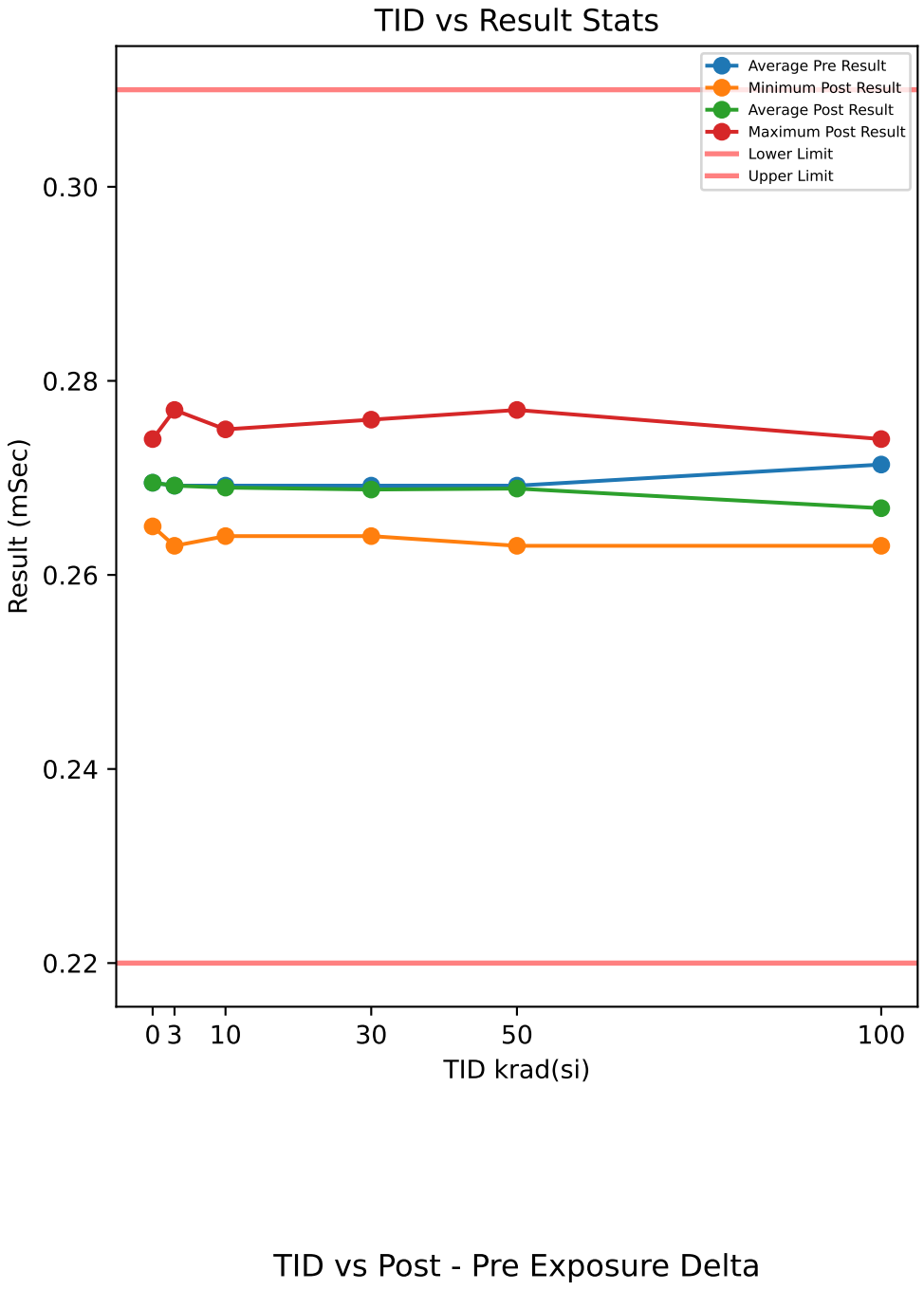
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

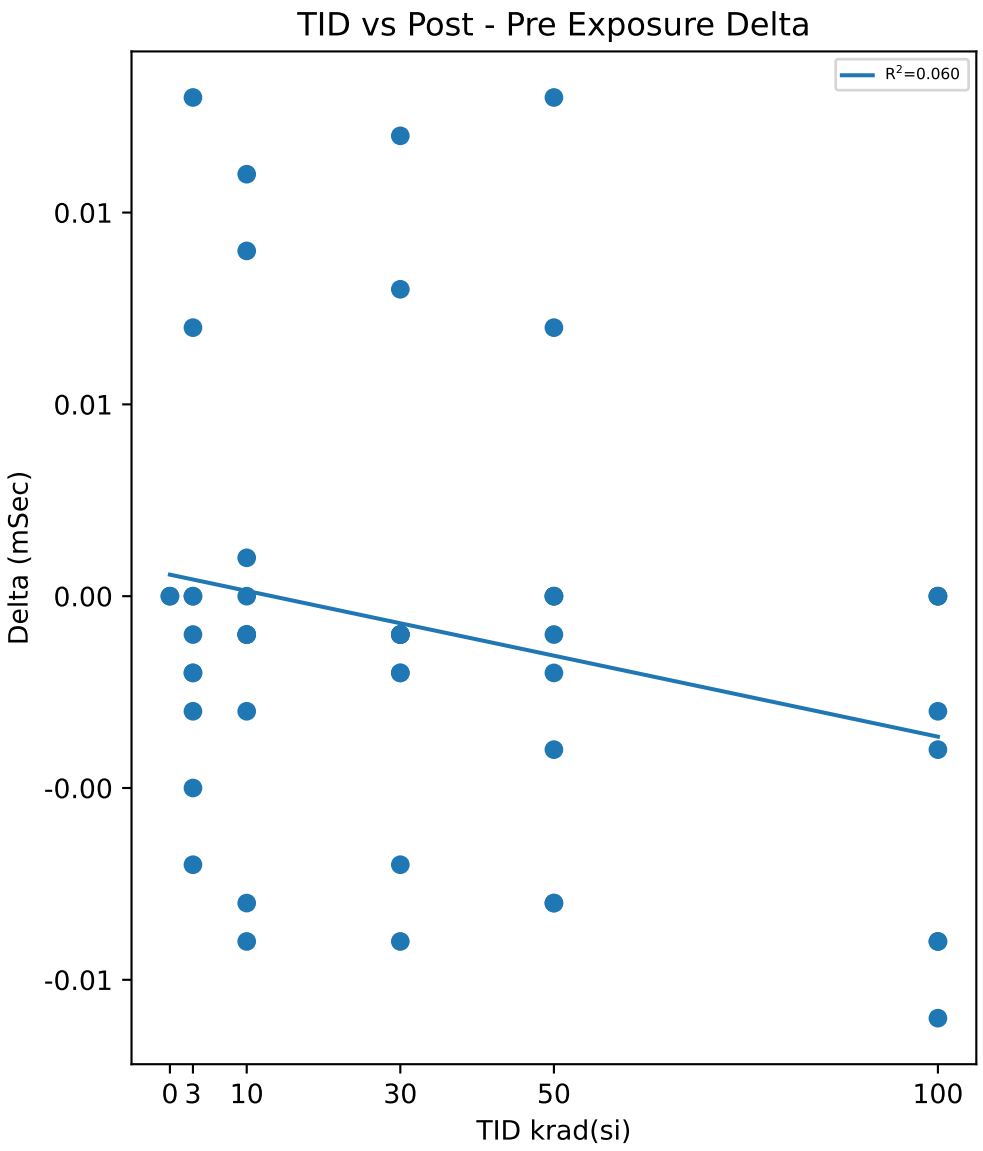
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.497	3.497	0
7	0	Correlation	3.563	3.563	0
16	3	LDR-Biased	2.803	2.991	0.188
18	3	LDR-Biased	3.155	3.403	0.248
19	3	LDR-Biased	3.48	3.233	-0.247
20	3	LDR-Biased	3.112	2.854	-0.258
21	3	LDR-Biased	3.136	2.855	-0.281
22	3	LDR-Unbiased	3.565	3.587	0.022
23	3	LDR-Unbiased	2.962	3.329	0.367
25	3	LDR-Unbiased	3.293	3.481	0.188
26	3	LDR-Unbiased	3.355	2.901	-0.454
27	3	LDR-Unbiased	3.715	3.475	-0.24
46	10	LDR-Biased	2.803	3.067	0.264
48	10	LDR-Biased	3.155	2.893	-0.262
49	10	LDR-Biased	3.48	3.327	-0.153
50	10	LDR-Biased	3.112	3.067	-0.045
51	10	LDR-Biased	3.136	3.305	0.169
52	10	LDR-Unbiased	3.565	2.837	-0.728
53	10	LDR-Unbiased	2.962	2.819	-0.143
55	10	LDR-Unbiased	3.293	3.55	0.257
56	10	LDR-Unbiased	3.355	2.956	-0.399
57	10	LDR-Unbiased	3.715	3.661	-0.054
76	30	LDR-Biased	2.803	2.818	0.015
78	30	LDR-Biased	3.155	3.37	0.215
79	30	LDR-Biased	3.48	3.385	-0.095
80	30	LDR-Biased	3.112	3.244	0.132
81	30	LDR-Biased	3.136	3.102	-0.034
82	30	LDR-Unbiased	3.565	2.978	-0.587
83	30	LDR-Unbiased	2.962	3.229	0.267
84	30	LDR-Unbiased	3.715	2.916	-0.799
85	30	LDR-Unbiased	3.293	3.588	0.295
86	30	LDR-Unbiased	3.355	2.906	-0.449
87	100	LDR-Biased	3.715	2.842	-0.873
88	100	LDR-Biased	3.559	3.148	-0.411
90	100	LDR-Biased	2.947	3.503	0.556
91	100	LDR-Unbiased	3.52	3.457	-0.063
93	100	LDR-Unbiased	2.812	3.788	0.976
94	100	LDR-Unbiased	2.962	3.195	0.233
95	100	LDR-Unbiased	3.265	3.406	0.141
96	100	LDR-Unbiased	3.744	3.561	-0.183
106	50	LDR-Biased	2.803	2.903	0.1
108	50	LDR-Biased	3.155	3.727	0.572
109	50	LDR-Biased	3.48	3.277	-0.203
110	50	LDR-Biased	3.112	3.244	0.132
111	50	LDR-Biased	3.136	3.727	0.591
112	50	LDR-Unbiased	3.565	2.793	-0.772
113	50	LDR-Unbiased	2.962	3.693	0.731
115	50	LDR-Unbiased	3.293	3.488	0.195
116	50	LDR-Unbiased	3.355	3.337	-0.018
117	50	LDR-Unbiased	3.715	2.787	-0.928

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.497	3.53	3.563	0.046669	3.497	3.53	3.563	0.046669	0	0	0	0
3	2.803	3.2576	3.715	0.27977	2.854	3.2109	3.587	0.28557	-0.454	-0.0467	0.367	0.28202
10	2.803	3.2576	3.715	0.27977	2.819	3.1482	3.661	0.29841	-0.728	-0.1094	0.264	0.30754
30	2.803	3.2576	3.715	0.27977	2.818	3.1536	3.588	0.25096	-0.799	-0.104	0.295	0.38134
50	2.803	3.2576	3.715	0.27977	2.787	3.2976	3.727	0.37077	-0.928	0.04	0.731	0.55367
100	2.812	3.3155	3.744	0.37055	2.842	3.3625	3.788	0.29179	-0.873	0.047	0.976	0.57155

Device Test: 5.110 tdly_Res10p5K_EN1_SU/EN1/7/3/10.5K/0/0/@DLY_TMR_10KOHM





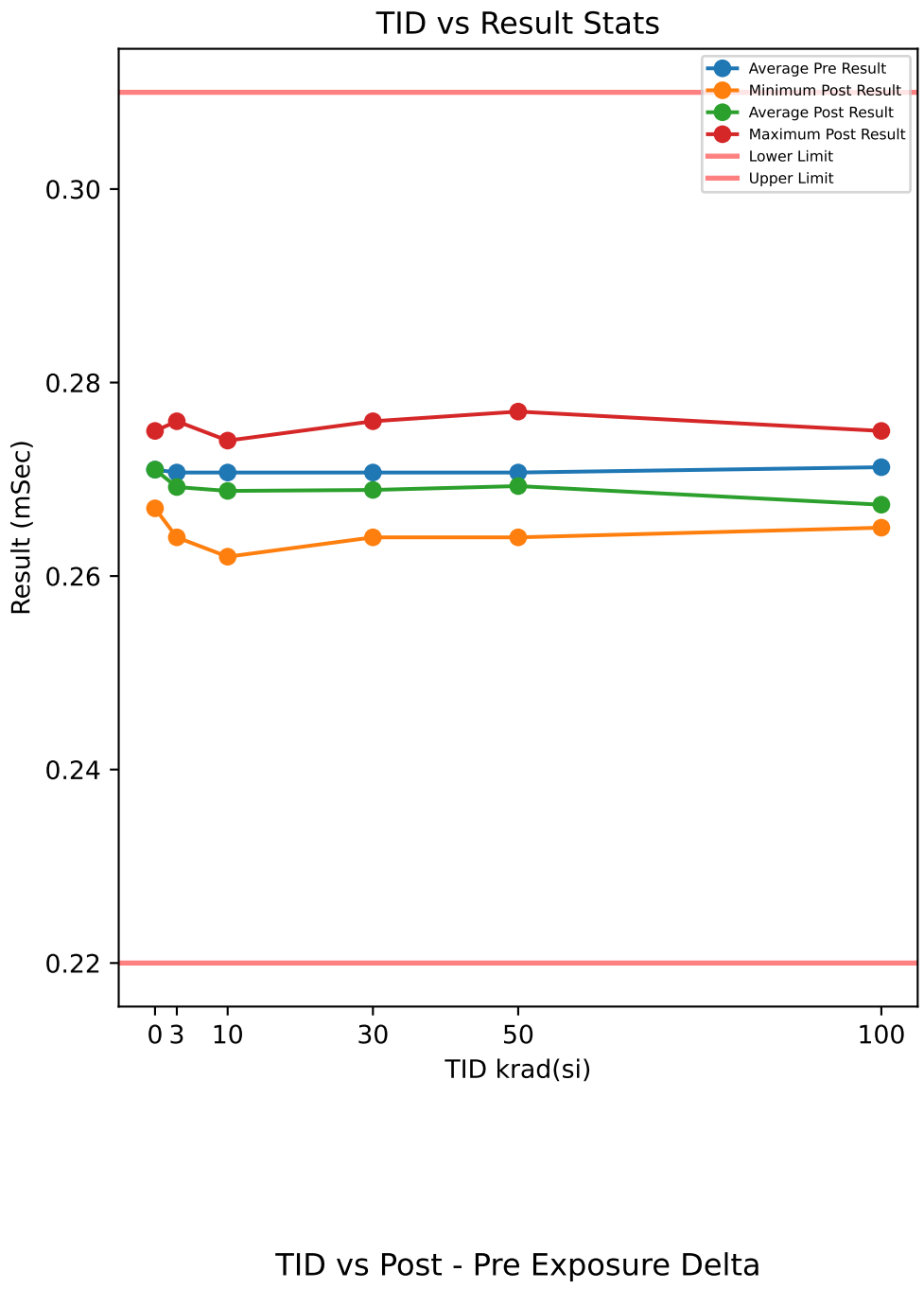
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

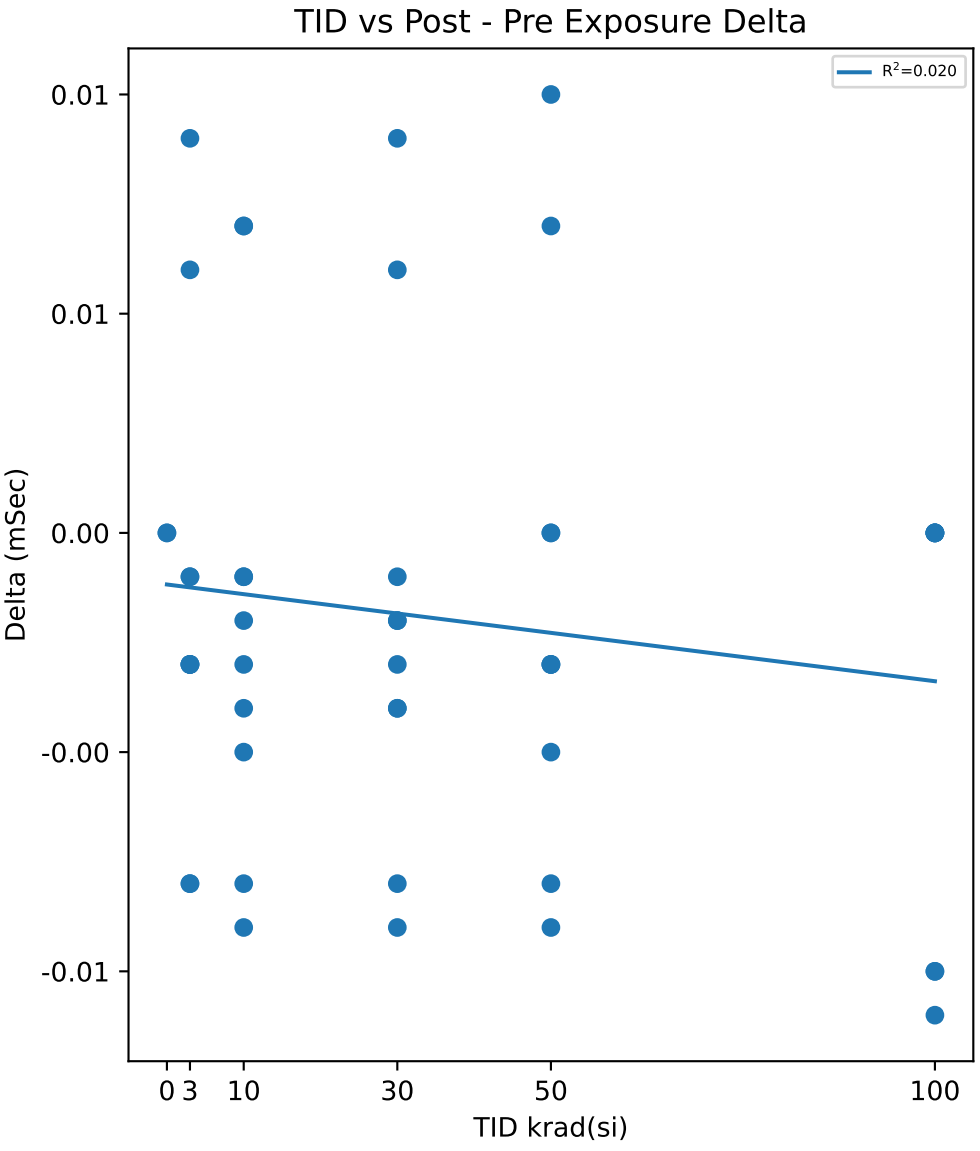
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.275	0.27	-0.005
18	3	LDR-Biased	0.274	0.274	0
19	3	LDR-Biased	0.268	0.265	-0.003
20	3	LDR-Biased	0.273	0.266	-0.007
21	3	LDR-Biased	0.265	0.264	-0.001
22	3	LDR-Unbiased	0.266	0.273	0.007
23	3	LDR-Unbiased	0.267	0.267	0
25	3	LDR-Unbiased	0.265	0.263	-0.002
26	3	LDR-Unbiased	0.264	0.277	0.013
27	3	LDR-Unbiased	0.275	0.273	-0.002
46	10	LDR-Biased	0.275	0.267	-0.008
48	10	LDR-Biased	0.274	0.275	0.001
49	10	LDR-Biased	0.268	0.265	-0.003
50	10	LDR-Biased	0.273	0.264	-0.009
51	10	LDR-Biased	0.265	0.265	0
52	10	LDR-Unbiased	0.266	0.275	0.009
53	10	LDR-Unbiased	0.267	0.266	-0.001
55	10	LDR-Unbiased	0.265	0.264	-0.001
56	10	LDR-Unbiased	0.264	0.275	0.011
57	10	LDR-Unbiased	0.275	0.274	-0.001
76	30	LDR-Biased	0.275	0.266	-0.009
78	30	LDR-Biased	0.274	0.272	-0.002
79	30	LDR-Biased	0.268	0.266	-0.002
80	30	LDR-Biased	0.273	0.266	-0.007
81	30	LDR-Biased	0.265	0.264	-0.001
82	30	LDR-Unbiased	0.266	0.274	0.008
83	30	LDR-Unbiased	0.267	0.266	-0.001
84	30	LDR-Unbiased	0.275	0.274	-0.001
85	30	LDR-Unbiased	0.265	0.264	-0.001
86	30	LDR-Unbiased	0.264	0.276	0.012
87	100	LDR-Biased	0.264	0.264	0
88	100	LDR-Biased	0.278	0.274	-0.004
90	100	LDR-Biased	0.274	0.274	0
91	100	LDR-Unbiased	0.266	0.263	-0.003
93	100	LDR-Unbiased	0.264	0.264	0
94	100	LDR-Unbiased	0.276	0.267	-0.009
95	100	LDR-Unbiased	0.274	0.265	-0.009
96	100	LDR-Unbiased	0.275	0.264	-0.011
106	50	LDR-Biased	0.275	0.267	-0.008
108	50	LDR-Biased	0.274	0.274	0
109	50	LDR-Biased	0.268	0.264	-0.004
110	50	LDR-Biased	0.273	0.265	-0.008
111	50	LDR-Biased	0.265	0.265	0
112	50	LDR-Unbiased	0.266	0.273	0.007
113	50	LDR-Unbiased	0.267	0.266	-0.001
115	50	LDR-Unbiased	0.265	0.263	-0.002
116	50	LDR-Unbiased	0.264	0.277	0.013
117	50	LDR-Unbiased	0.275	0.275	0

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.265	0.2695	0.274	0.006364	0.265	0.2695	0.274	0.006364	0	0	0	0
3	0.264	0.2692	0.275	0.0045166	0.263	0.2692	0.277	0.0048488	-0.007	0	0.013	0.0058689
10	0.264	0.2692	0.275	0.0045166	0.264	0.269	0.275	0.0050332	-0.009	-0.0002	0.011	0.006321
30	0.264	0.2692	0.275	0.0045166	0.264	0.2688	0.276	0.004638	-0.009	-0.0004	0.012	0.0062218
50	0.264	0.2692	0.275	0.0045166	0.263	0.2689	0.277	0.0052377	-0.008	-0.0003	0.013	0.0063779
100	0.264	0.27138	0.278	0.0057306	0.263	0.26688	0.274	0.0045493	-0.011	-0.0045	0	0.004567

Device Test: 5.111 tdly_Res10p5K_EN2_SU/EN2/7/3/10.5K/0/0/@DLY_TMR_10KOHM





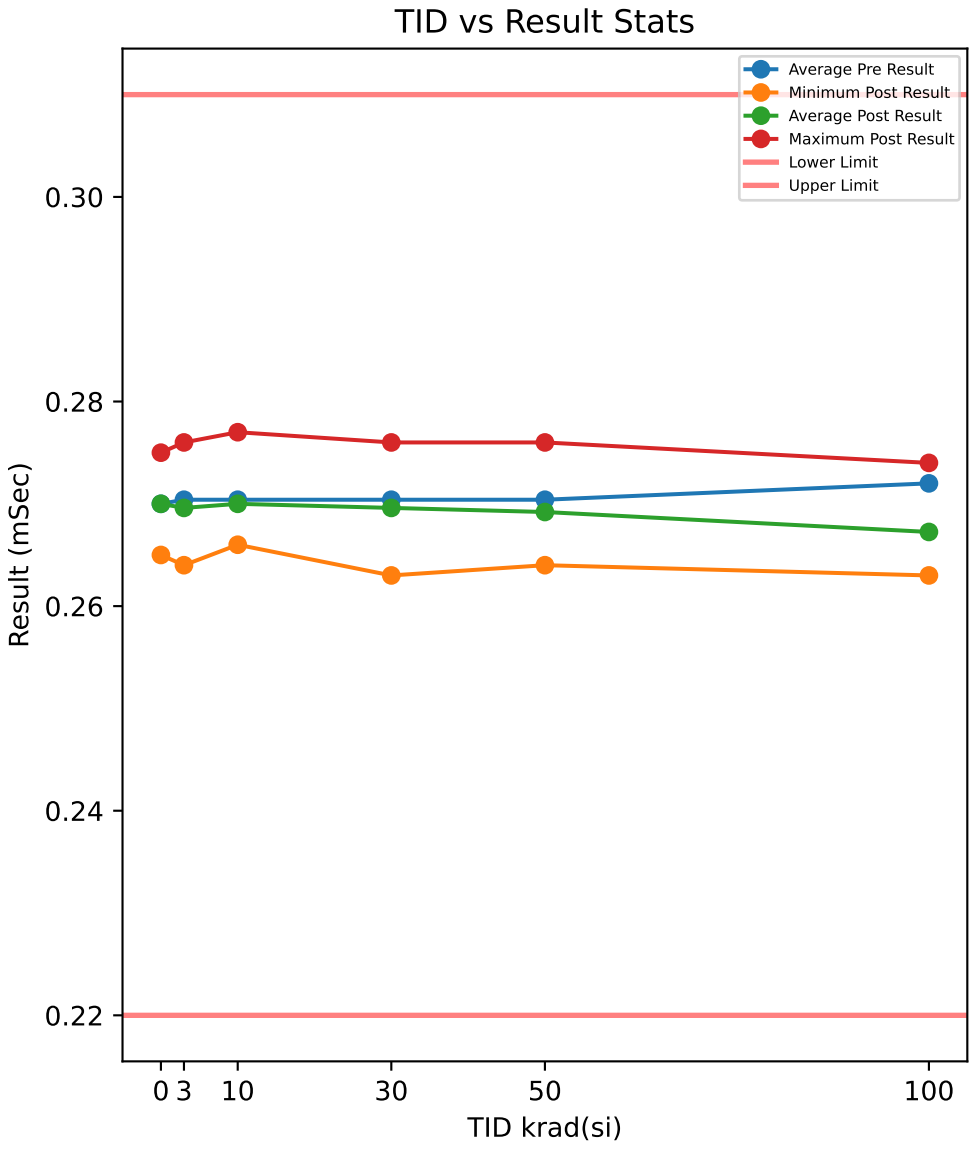
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

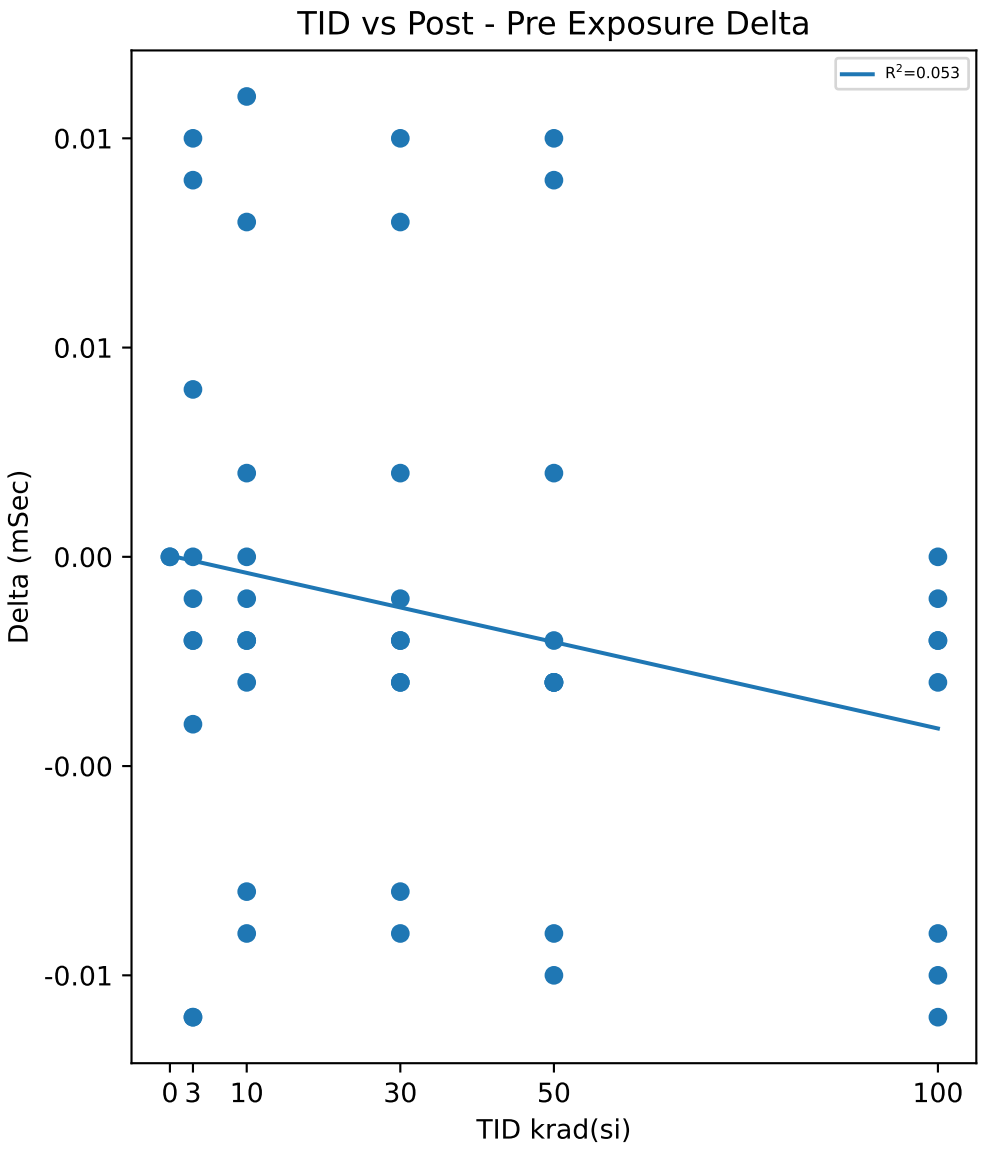
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.275	0.275	0
7	0	Correlation	0.267	0.267	0
16	3	LDR-Biased	0.276	0.268	-0.008
18	3	LDR-Biased	0.277	0.274	-0.003
19	3	LDR-Biased	0.269	0.266	-0.003
20	3	LDR-Biased	0.274	0.266	-0.008
21	3	LDR-Biased	0.266	0.265	-0.001
22	3	LDR-Unbiased	0.267	0.273	0.006
23	3	LDR-Unbiased	0.267	0.266	-0.001
25	3	LDR-Unbiased	0.267	0.264	-0.003
26	3	LDR-Unbiased	0.267	0.276	0.009
27	3	LDR-Unbiased	0.277	0.274	-0.003
46	10	LDR-Biased	0.276	0.267	-0.009
48	10	LDR-Biased	0.277	0.274	-0.003
49	10	LDR-Biased	0.269	0.267	-0.002
50	10	LDR-Biased	0.274	0.266	-0.008
51	10	LDR-Biased	0.266	0.265	-0.001
52	10	LDR-Unbiased	0.267	0.274	0.007
53	10	LDR-Unbiased	0.267	0.266	-0.001
55	10	LDR-Unbiased	0.267	0.262	-0.005
56	10	LDR-Unbiased	0.267	0.274	0.007
57	10	LDR-Unbiased	0.277	0.273	-0.004
76	30	LDR-Biased	0.276	0.268	-0.008
78	30	LDR-Biased	0.277	0.273	-0.004
79	30	LDR-Biased	0.269	0.265	-0.004
80	30	LDR-Biased	0.274	0.265	-0.009
81	30	LDR-Biased	0.266	0.264	-0.002
82	30	LDR-Unbiased	0.267	0.273	0.006
83	30	LDR-Unbiased	0.267	0.266	-0.001
84	30	LDR-Unbiased	0.277	0.275	-0.002
85	30	LDR-Unbiased	0.267	0.264	-0.003
86	30	LDR-Unbiased	0.267	0.276	0.009
87	100	LDR-Biased	0.265	0.265	0
88	100	LDR-Biased	0.275	0.275	0
90	100	LDR-Biased	0.274	0.274	0
91	100	LDR-Unbiased	0.265	0.265	0
93	100	LDR-Unbiased	0.265	0.265	0
94	100	LDR-Unbiased	0.276	0.265	-0.011
95	100	LDR-Unbiased	0.275	0.265	-0.01
96	100	LDR-Unbiased	0.275	0.265	-0.01
106	50	LDR-Biased	0.276	0.268	-0.008
108	50	LDR-Biased	0.277	0.274	-0.003
109	50	LDR-Biased	0.269	0.264	-0.005
110	50	LDR-Biased	0.274	0.265	-0.009
111	50	LDR-Biased	0.266	0.266	0
112	50	LDR-Unbiased	0.267	0.274	0.007
113	50	LDR-Unbiased	0.267	0.267	0
115	50	LDR-Unbiased	0.267	0.264	-0.003
116	50	LDR-Unbiased	0.267	0.277	0.01
117	50	LDR-Unbiased	0.277	0.274	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.267	0.271	0.275	0.0056569	0.267	0.271	0.275	0.0056569	0	0	0	0
3	0.266	0.2707	0.277	0.0046916	0.264	0.2692	0.276	0.0045166	-0.008	-0.0015	0.009	0.00538
10	0.266	0.2707	0.277	0.0046916	0.262	0.2688	0.274	0.004492	-0.009	-0.0019	0.007	0.0054047
30	0.266	0.2707	0.277	0.0046916	0.264	0.2689	0.276	0.0048178	-0.009	-0.0018	0.009	0.0055737
50	0.266	0.2707	0.277	0.0046916	0.264	0.2693	0.277	0.0049227	-0.009	-0.0014	0.01	0.0060222
100	0.265	0.27125	0.276	0.005203	0.265	0.26738	0.275	0.0044058	-0.011	-0.003875	0	0.0053569

Device Test: 5.112 tdly_Res10p5K_EN3_SU/EN3/7/3/10.5K/0/0/@DLY_TMR_10KOHM





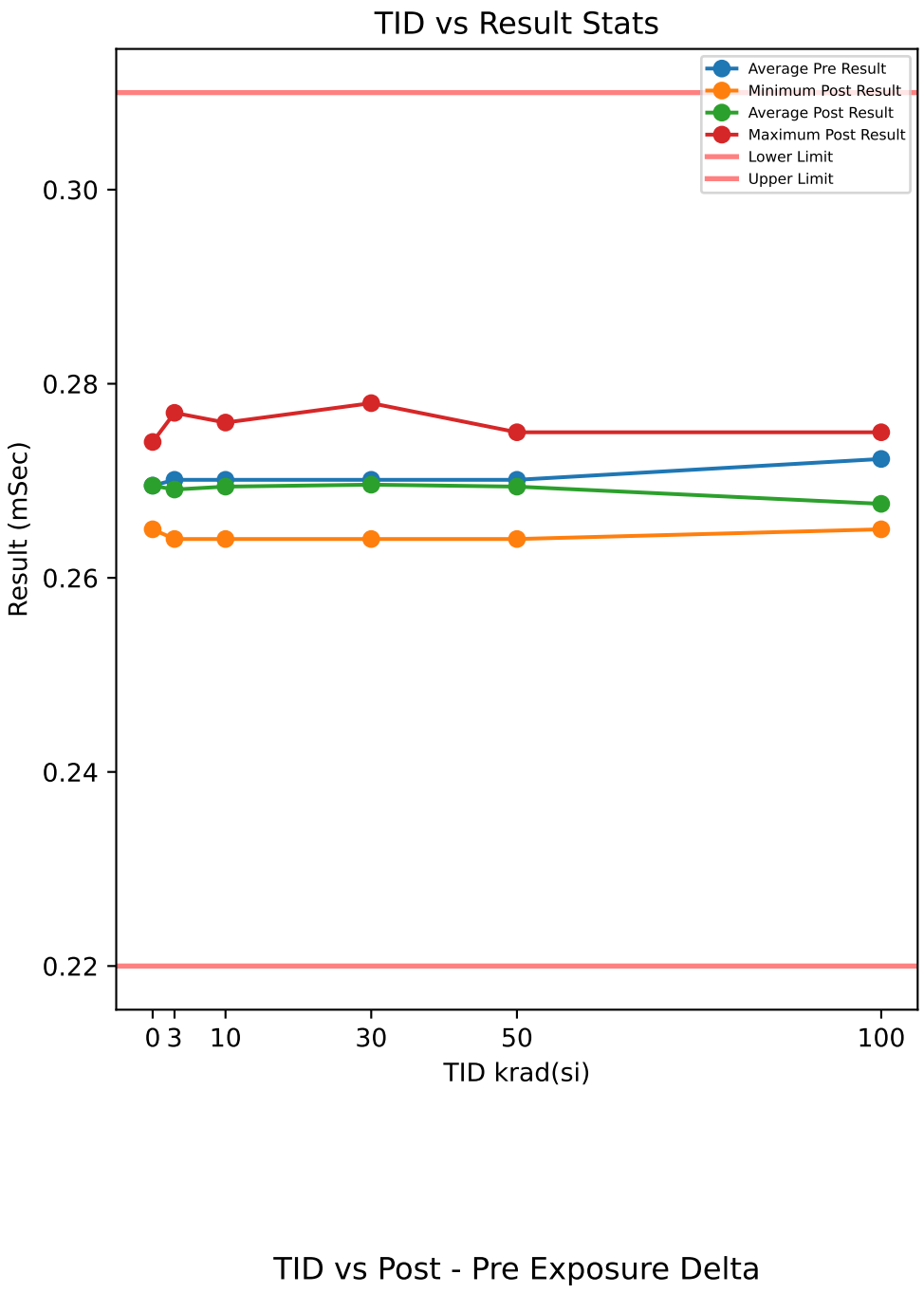
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

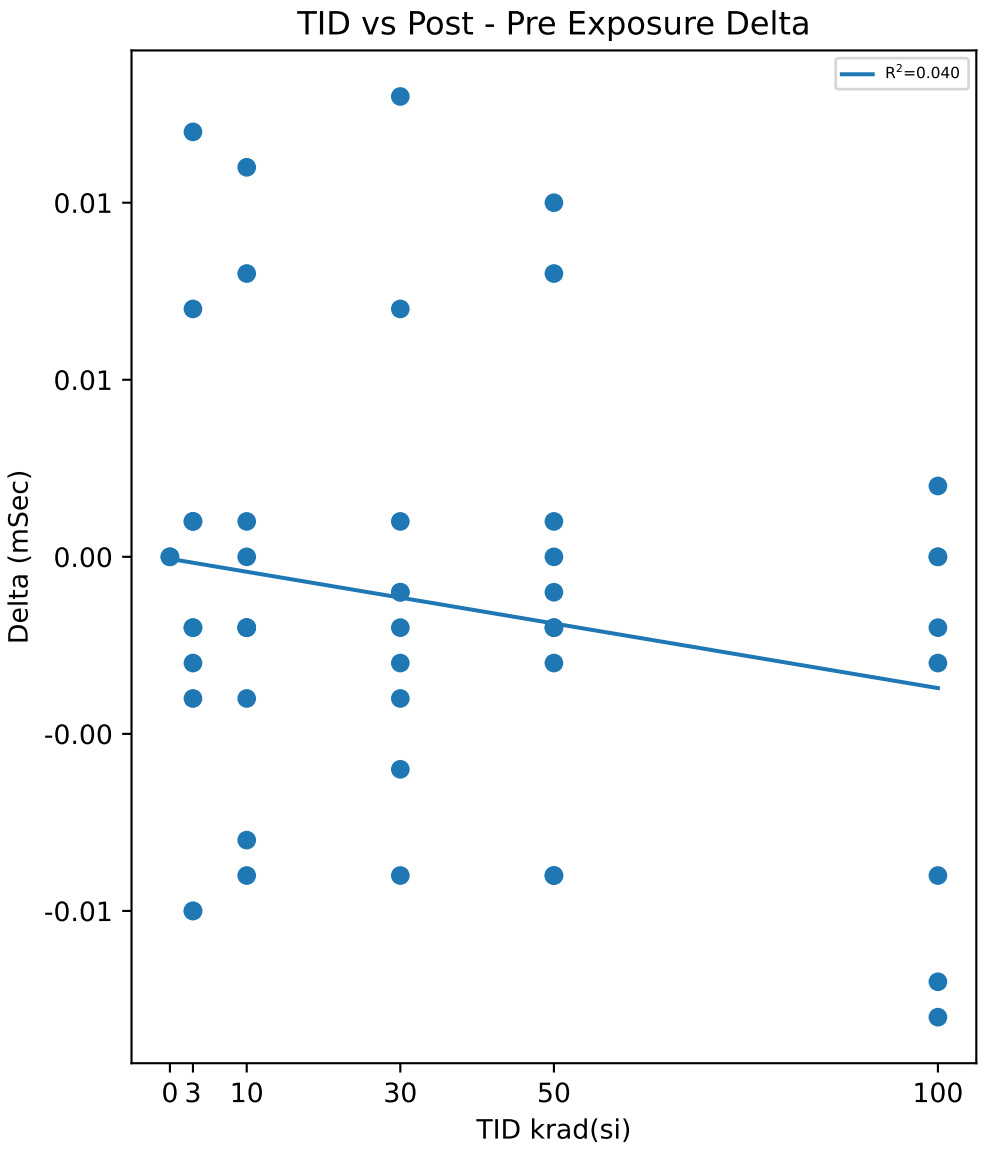
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.275	0.275	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.277	0.266	-0.011
18	3	LDR-Biased	0.277	0.275	-0.002
19	3	LDR-Biased	0.268	0.268	0
20	3	LDR-Biased	0.275	0.264	-0.011
21	3	LDR-Biased	0.264	0.268	0.004
22	3	LDR-Unbiased	0.266	0.275	0.009
23	3	LDR-Unbiased	0.268	0.266	-0.002
25	3	LDR-Unbiased	0.266	0.265	-0.001
26	3	LDR-Unbiased	0.266	0.276	0.01
27	3	LDR-Unbiased	0.277	0.273	-0.004
46	10	LDR-Biased	0.277	0.268	-0.009
48	10	LDR-Biased	0.277	0.275	-0.002
49	10	LDR-Biased	0.268	0.266	-0.002
50	10	LDR-Biased	0.275	0.267	-0.008
51	10	LDR-Biased	0.264	0.266	0.002
52	10	LDR-Unbiased	0.266	0.274	0.008
53	10	LDR-Unbiased	0.268	0.267	-0.001
55	10	LDR-Unbiased	0.266	0.266	0
56	10	LDR-Unbiased	0.266	0.277	0.011
57	10	LDR-Unbiased	0.277	0.274	-0.003
76	30	LDR-Biased	0.277	0.268	-0.009
78	30	LDR-Biased	0.277	0.274	-0.003
79	30	LDR-Biased	0.268	0.266	-0.002
80	30	LDR-Biased	0.275	0.267	-0.008
81	30	LDR-Biased	0.264	0.266	0.002
82	30	LDR-Unbiased	0.266	0.274	0.008
83	30	LDR-Unbiased	0.268	0.267	-0.001
84	30	LDR-Unbiased	0.277	0.275	-0.002
85	30	LDR-Unbiased	0.266	0.263	-0.003
86	30	LDR-Unbiased	0.266	0.276	0.01
87	100	LDR-Biased	0.266	0.265	-0.001
88	100	LDR-Biased	0.275	0.273	-0.002
90	100	LDR-Biased	0.276	0.274	-0.002
91	100	LDR-Unbiased	0.266	0.263	-0.003
93	100	LDR-Unbiased	0.265	0.265	0
94	100	LDR-Unbiased	0.276	0.267	-0.009
95	100	LDR-Unbiased	0.276	0.266	-0.01
96	100	LDR-Unbiased	0.276	0.265	-0.011
106	50	LDR-Biased	0.277	0.268	-0.009
108	50	LDR-Biased	0.277	0.274	-0.003
109	50	LDR-Biased	0.268	0.265	-0.003
110	50	LDR-Biased	0.275	0.265	-0.01
111	50	LDR-Biased	0.264	0.266	0.002
112	50	LDR-Unbiased	0.266	0.275	0.009
113	50	LDR-Unbiased	0.268	0.265	-0.003
115	50	LDR-Unbiased	0.266	0.264	-0.002
116	50	LDR-Unbiased	0.266	0.276	0.01
117	50	LDR-Unbiased	0.277	0.274	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.265	0.27	0.275	0.0070711	0.265	0.27	0.275	0.0070711	0	0	0	0
3	0.264	0.2704	0.277	0.0053996	0.264	0.2696	0.276	0.0046476	-0.011	-0.0008	0.01	0.0071305
10	0.264	0.2704	0.277	0.0053996	0.266	0.27	0.277	0.0044222	-0.009	-0.0004	0.011	0.0062397
30	0.264	0.2704	0.277	0.0053996	0.263	0.2696	0.276	0.0046476	-0.009	-0.0008	0.01	0.0060882
50	0.264	0.2704	0.277	0.0053996	0.264	0.2692	0.276	0.0049171	-0.01	-0.0012	0.01	0.0065963
100	0.265	0.272	0.276	0.0052644	0.263	0.26725	0.274	0.0040267	-0.011	-0.00475	0	0.0044641

Device Test: 5.113 tdly_Res10p5K_EN4_SU/EN4/7/3/10.5K/0/0/@DLY_TMR_10KOHM





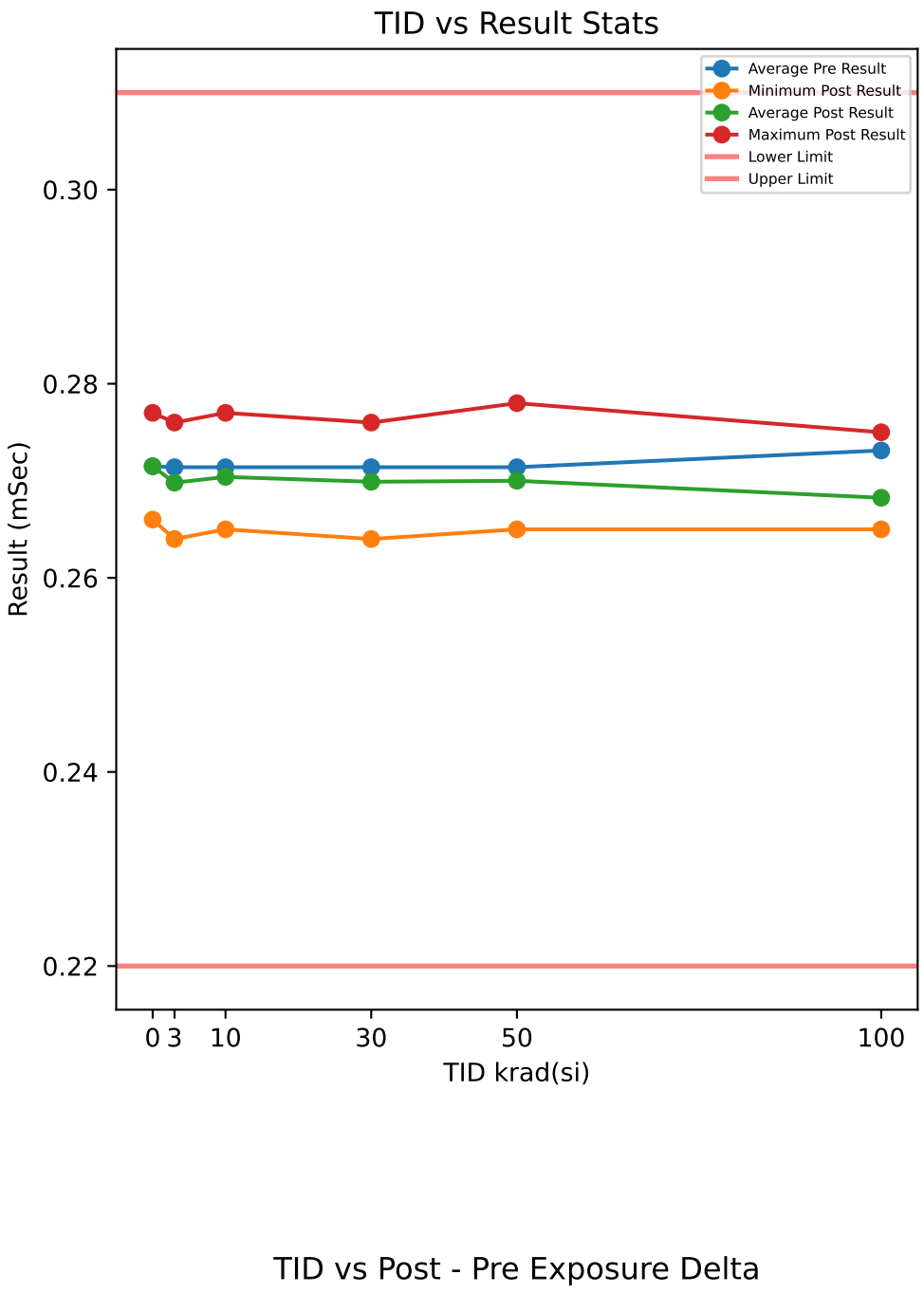
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

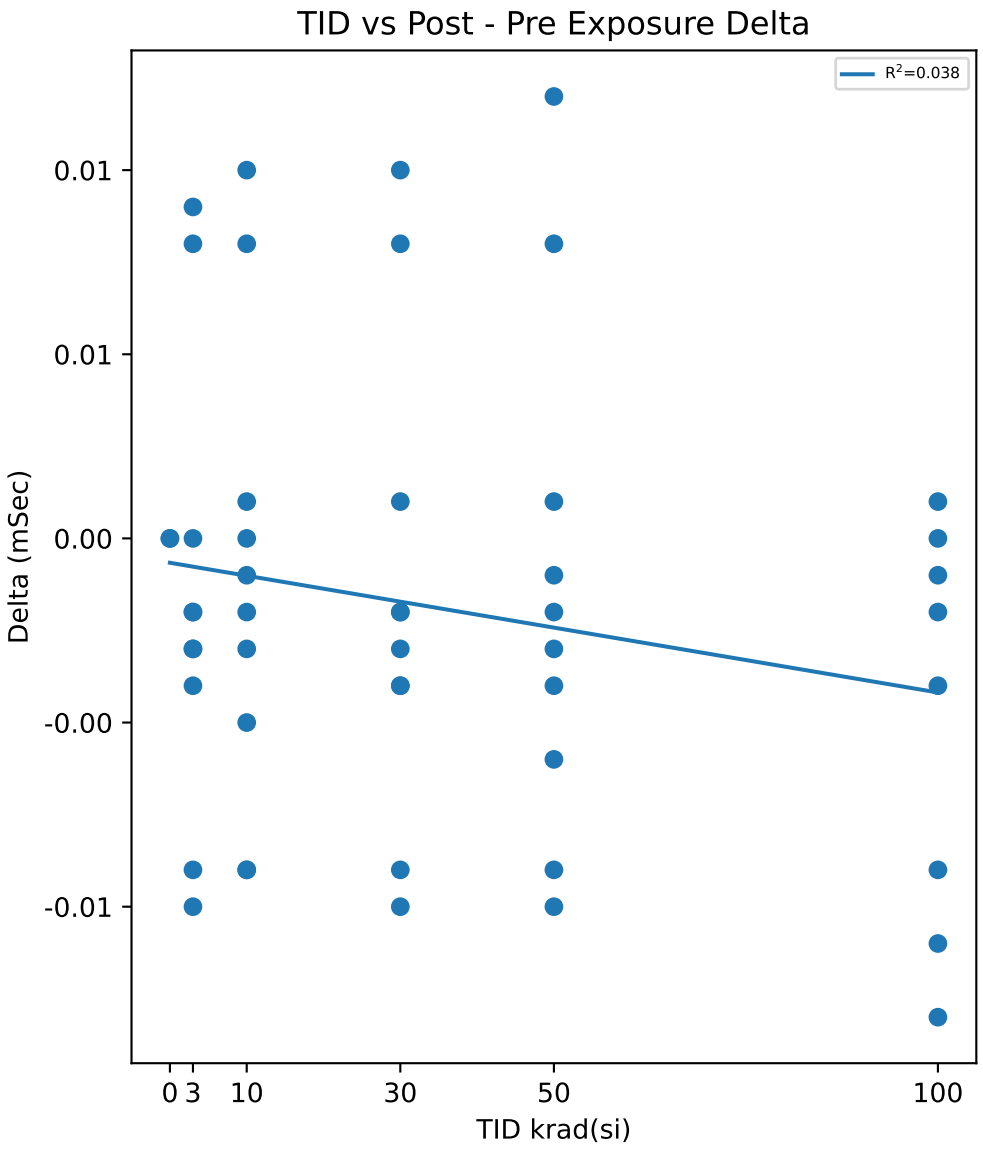
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.276	0.266	-0.01
18	3	LDR-Biased	0.274	0.275	0.001
19	3	LDR-Biased	0.269	0.265	-0.004
20	3	LDR-Biased	0.274	0.264	-0.01
21	3	LDR-Biased	0.265	0.266	0.001
22	3	LDR-Unbiased	0.267	0.274	0.007
23	3	LDR-Unbiased	0.268	0.266	-0.002
25	3	LDR-Unbiased	0.266	0.264	-0.002
26	3	LDR-Unbiased	0.265	0.277	0.012
27	3	LDR-Unbiased	0.277	0.274	-0.003
46	10	LDR-Biased	0.276	0.267	-0.009
48	10	LDR-Biased	0.274	0.274	0
49	10	LDR-Biased	0.269	0.267	-0.002
50	10	LDR-Biased	0.274	0.266	-0.008
51	10	LDR-Biased	0.265	0.266	0.001
52	10	LDR-Unbiased	0.267	0.275	0.008
53	10	LDR-Unbiased	0.268	0.266	-0.002
55	10	LDR-Unbiased	0.266	0.264	-0.002
56	10	LDR-Unbiased	0.265	0.276	0.011
57	10	LDR-Unbiased	0.277	0.273	-0.004
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.274	0.273	-0.001
79	30	LDR-Biased	0.269	0.265	-0.004
80	30	LDR-Biased	0.274	0.268	-0.006
81	30	LDR-Biased	0.265	0.266	0.001
82	30	LDR-Unbiased	0.267	0.274	0.007
83	30	LDR-Unbiased	0.268	0.267	-0.001
84	30	LDR-Unbiased	0.277	0.274	-0.003
85	30	LDR-Unbiased	0.266	0.264	-0.002
86	30	LDR-Unbiased	0.265	0.278	0.013
87	100	LDR-Biased	0.266	0.266	0
88	100	LDR-Biased	0.275	0.275	0
90	100	LDR-Biased	0.276	0.273	-0.003
91	100	LDR-Unbiased	0.267	0.265	-0.002
93	100	LDR-Unbiased	0.264	0.266	0.002
94	100	LDR-Unbiased	0.277	0.265	-0.012
95	100	LDR-Unbiased	0.275	0.266	-0.009
96	100	LDR-Unbiased	0.278	0.265	-0.013
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.274	0.274	0
109	50	LDR-Biased	0.269	0.266	-0.003
110	50	LDR-Biased	0.274	0.265	-0.009
111	50	LDR-Biased	0.265	0.266	0.001
112	50	LDR-Unbiased	0.267	0.275	0.008
113	50	LDR-Unbiased	0.268	0.267	-0.001
115	50	LDR-Unbiased	0.266	0.264	-0.002
116	50	LDR-Unbiased	0.265	0.275	0.01
117	50	LDR-Unbiased	0.277	0.275	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.265	0.2695	0.274	0.006364	0.265	0.2695	0.274	0.006364	0	0	0	0
3	0.265	0.2701	0.277	0.0046774	0.264	0.2691	0.277	0.0051951	-0.01	-0.001	0.012	0.006815
10	0.265	0.2701	0.277	0.0046774	0.264	0.2694	0.276	0.0045265	-0.009	-0.0007	0.011	0.0062725
30	0.265	0.2701	0.277	0.0046774	0.264	0.2696	0.278	0.0047422	-0.009	-0.0005	0.013	0.006364
50	0.265	0.2701	0.277	0.0046774	0.264	0.2694	0.275	0.0046952	-0.009	-0.0007	0.01	0.0061473
100	0.264	0.27225	0.278	0.0055997	0.265	0.26763	0.275	0.0039978	-0.013	-0.004625	0.002	0.0058539

Device Test: 5.114 tdly_Res10p5K_SEQ_SU/SEQ_DONE/7/3/10.5K/0/0/@DLY_TMR_10KOHM





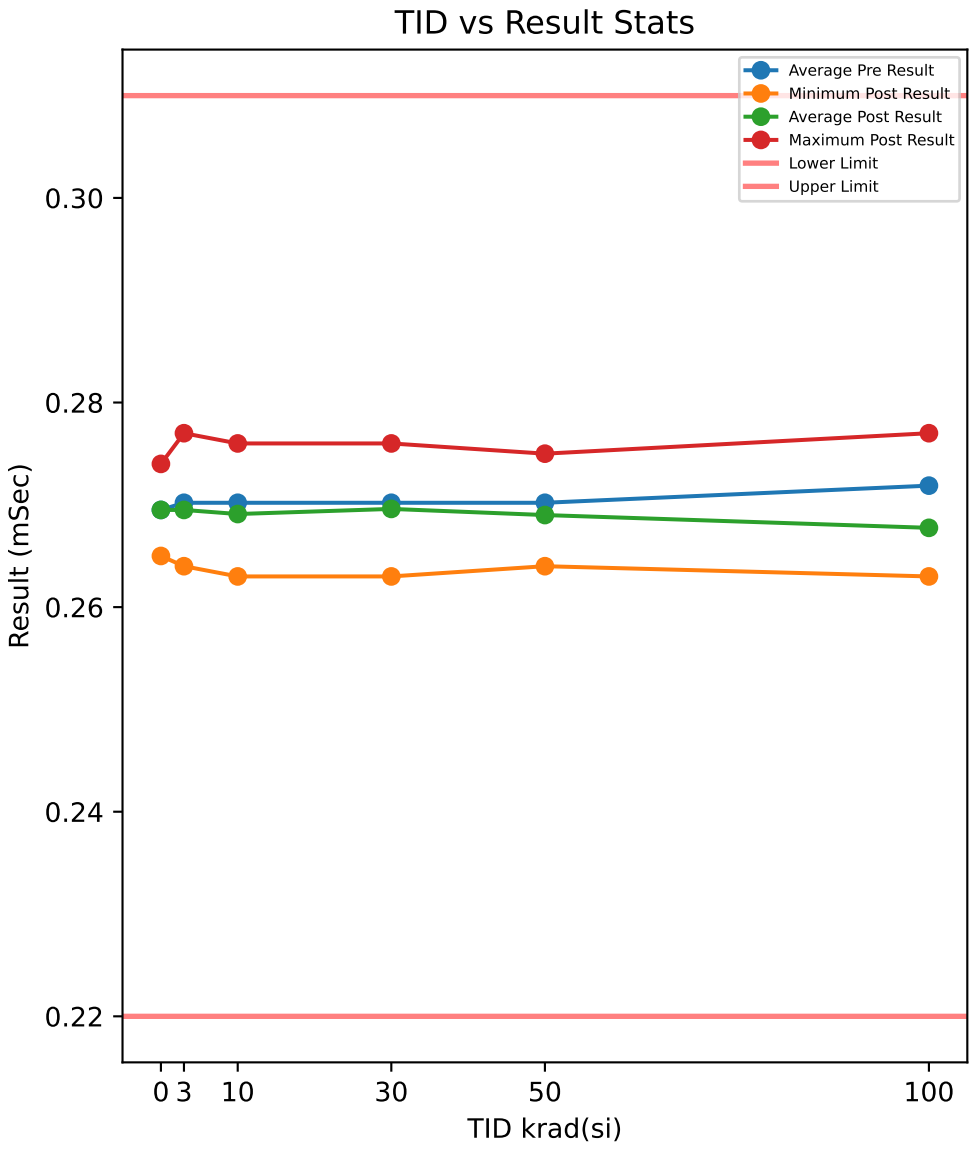
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

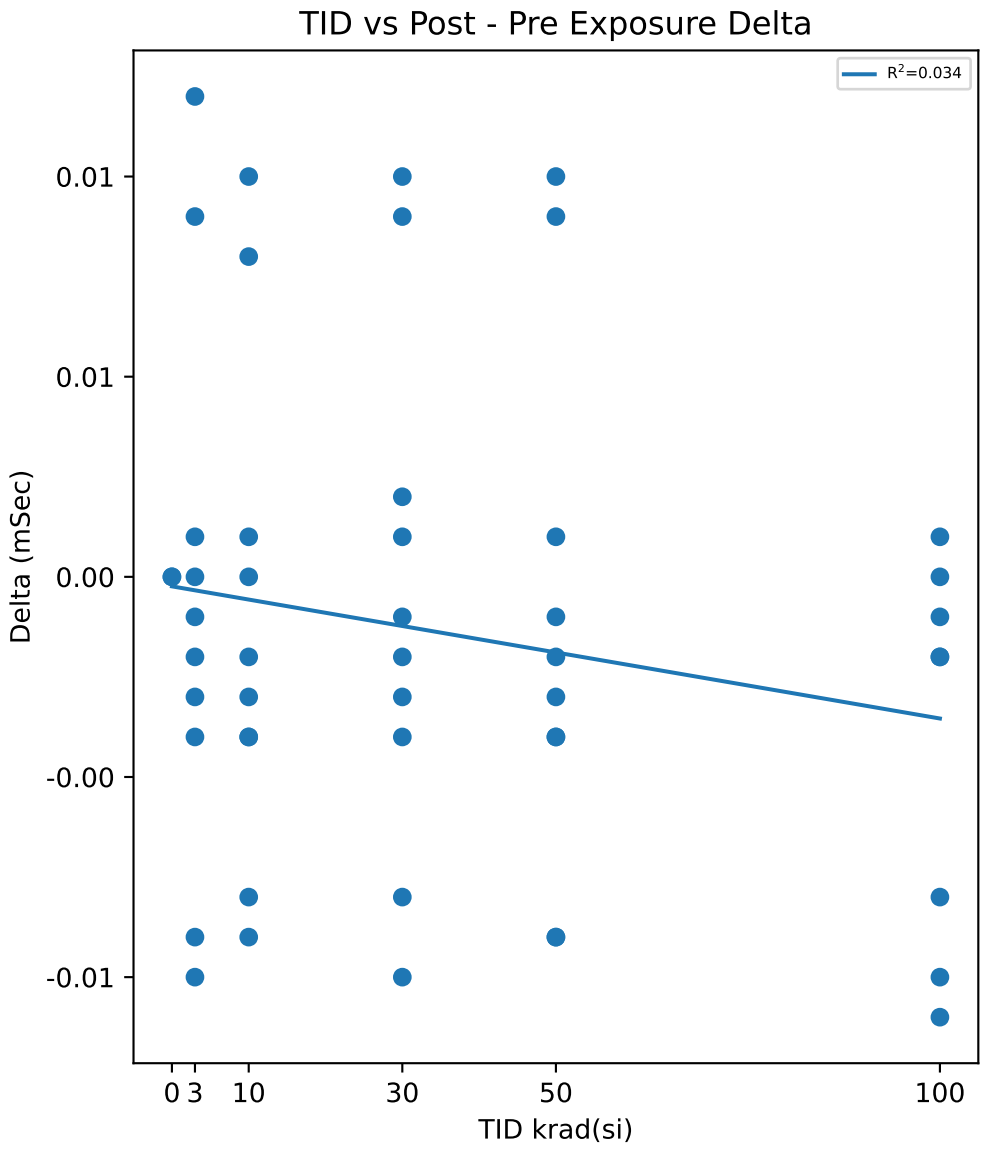
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.277	0.277	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.278	0.269	-0.009
18	3	LDR-Biased	0.276	0.274	-0.002
19	3	LDR-Biased	0.271	0.267	-0.004
20	3	LDR-Biased	0.276	0.266	-0.01
21	3	LDR-Biased	0.265	0.265	0
22	3	LDR-Unbiased	0.267	0.275	0.008
23	3	LDR-Unbiased	0.27	0.267	-0.003
25	3	LDR-Unbiased	0.267	0.264	-0.003
26	3	LDR-Unbiased	0.266	0.275	0.009
27	3	LDR-Unbiased	0.278	0.276	-0.002
46	10	LDR-Biased	0.278	0.269	-0.009
48	10	LDR-Biased	0.276	0.276	0
49	10	LDR-Biased	0.271	0.266	-0.005
50	10	LDR-Biased	0.276	0.267	-0.009
51	10	LDR-Biased	0.265	0.266	0.001
52	10	LDR-Unbiased	0.267	0.275	0.008
53	10	LDR-Unbiased	0.27	0.267	-0.003
55	10	LDR-Unbiased	0.267	0.265	-0.002
56	10	LDR-Unbiased	0.266	0.276	0.01
57	10	LDR-Unbiased	0.278	0.277	-0.001
76	30	LDR-Biased	0.278	0.268	-0.01
78	30	LDR-Biased	0.276	0.274	-0.002
79	30	LDR-Biased	0.271	0.267	-0.004
80	30	LDR-Biased	0.276	0.267	-0.009
81	30	LDR-Biased	0.265	0.266	0.001
82	30	LDR-Unbiased	0.267	0.275	0.008
83	30	LDR-Unbiased	0.27	0.266	-0.004
84	30	LDR-Unbiased	0.278	0.276	-0.002
85	30	LDR-Unbiased	0.267	0.264	-0.003
86	30	LDR-Unbiased	0.266	0.276	0.01
87	100	LDR-Biased	0.265	0.266	0.001
88	100	LDR-Biased	0.276	0.275	-0.001
90	100	LDR-Biased	0.276	0.274	-0.002
91	100	LDR-Unbiased	0.269	0.265	-0.004
93	100	LDR-Unbiased	0.265	0.265	0
94	100	LDR-Unbiased	0.278	0.267	-0.011
95	100	LDR-Unbiased	0.277	0.268	-0.009
96	100	LDR-Unbiased	0.279	0.266	-0.013
106	50	LDR-Biased	0.278	0.269	-0.009
108	50	LDR-Biased	0.276	0.275	-0.001
109	50	LDR-Biased	0.271	0.265	-0.006
110	50	LDR-Biased	0.276	0.266	-0.01
111	50	LDR-Biased	0.265	0.266	0.001
112	50	LDR-Unbiased	0.267	0.275	0.008
113	50	LDR-Unbiased	0.27	0.266	-0.004
115	50	LDR-Unbiased	0.267	0.265	-0.002
116	50	LDR-Unbiased	0.266	0.278	0.012
117	50	LDR-Unbiased	0.278	0.275	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2715	0.277	0.0077782	0.266	0.2715	0.277	0.0077782	0	0	0	0
3	0.265	0.2714	0.278	0.0051683	0.264	0.2698	0.276	0.0046857	-0.01	-0.0016	0.009	0.006168
10	0.265	0.2714	0.278	0.0051683	0.265	0.2704	0.277	0.0049486	-0.009	-0.001	0.01	0.0062893
30	0.265	0.2714	0.278	0.0051683	0.264	0.2699	0.276	0.0047481	-0.01	-0.0015	0.01	0.0064334
50	0.265	0.2714	0.278	0.0051683	0.265	0.27	0.278	0.0051424	-0.01	-0.0014	0.012	0.0069634
100	0.265	0.27313	0.279	0.0058417	0.265	0.26825	0.275	0.0039911	-0.013	-0.004875	0.001	0.0053835

Device Test: 5.115 tdly_Res10p5K_PWRGD_SU/PWRGD/7/3/10.5K/0/0/@DLY_TMR_10KOHM





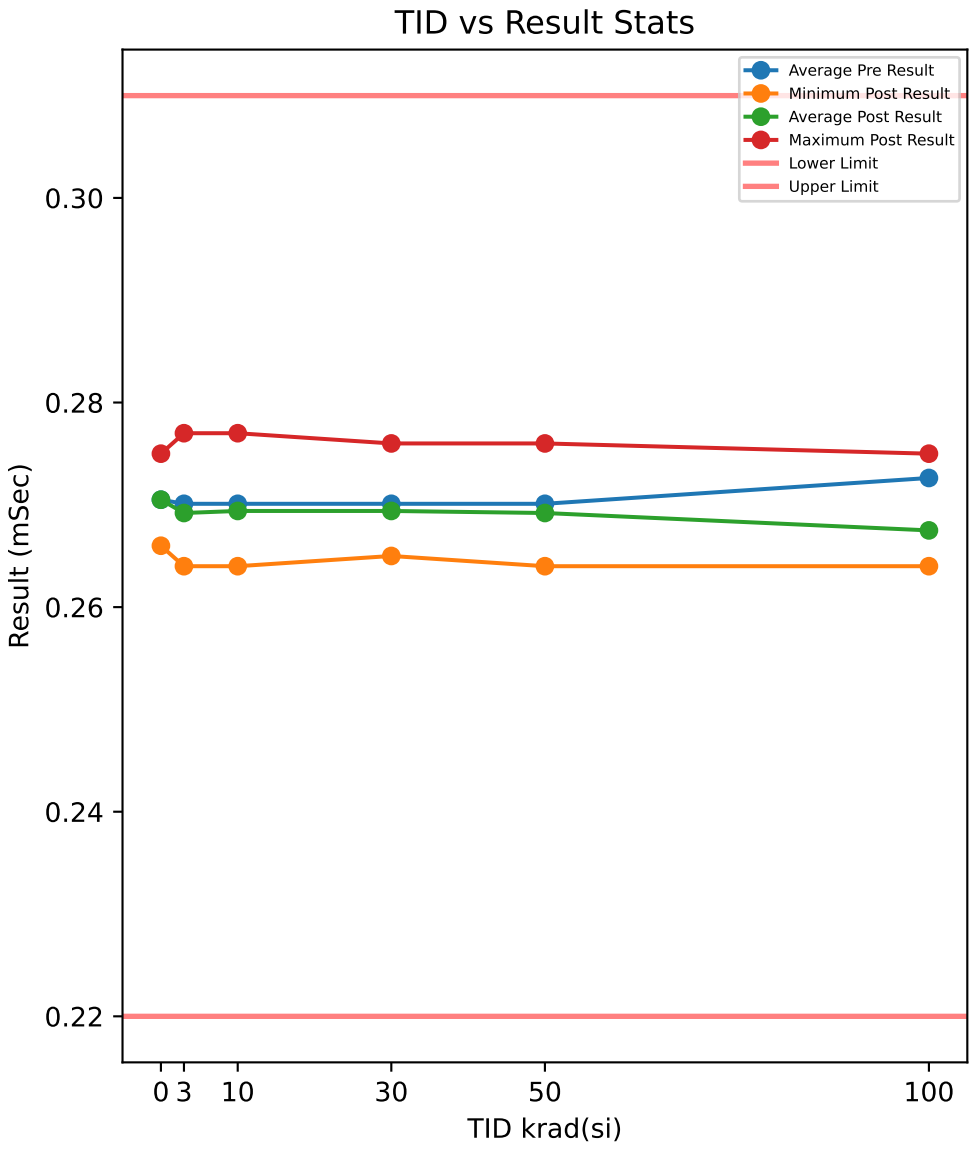
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

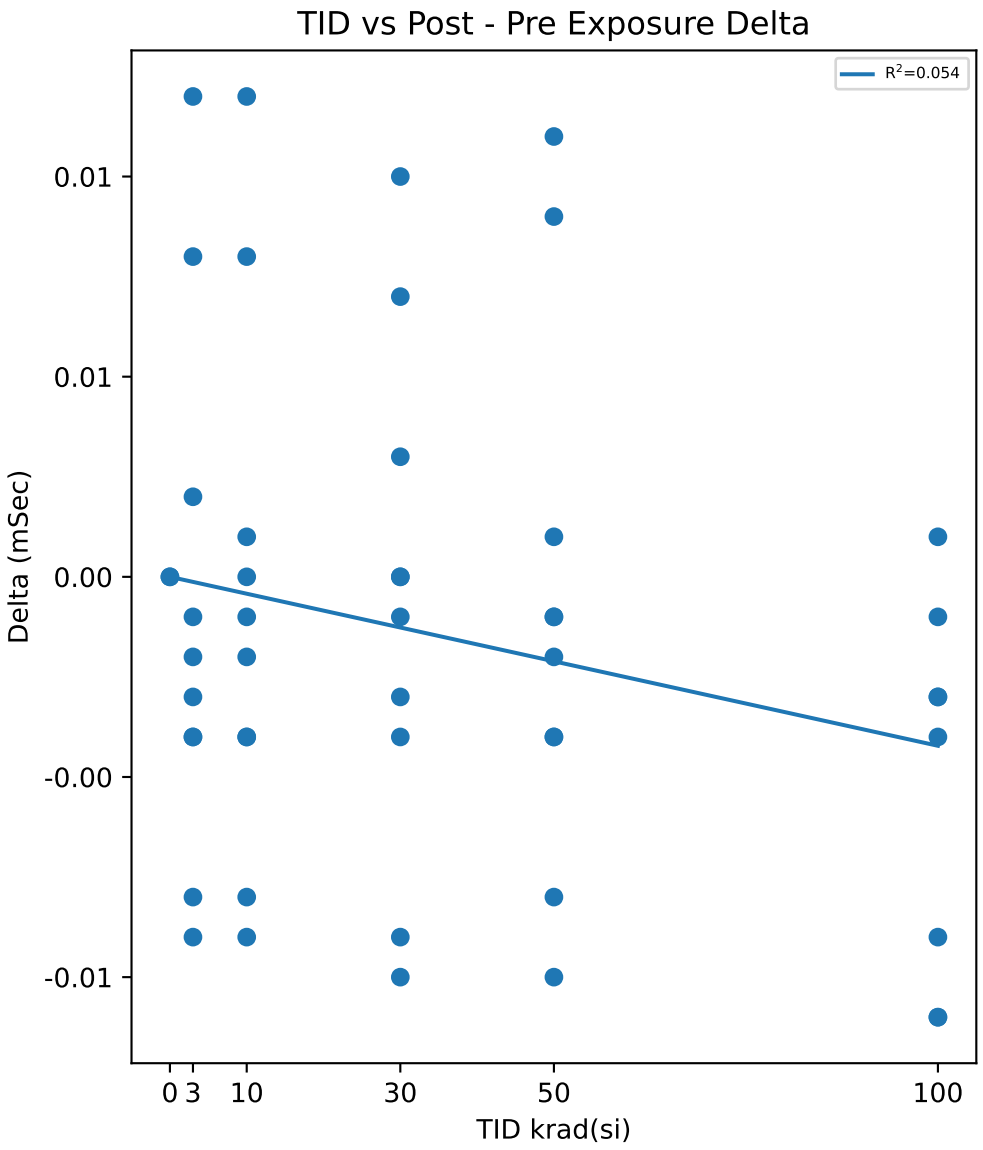
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.276	0.266	-0.01
18	3	LDR-Biased	0.277	0.275	-0.002
19	3	LDR-Biased	0.269	0.265	-0.004
20	3	LDR-Biased	0.275	0.266	-0.009
21	3	LDR-Biased	0.264	0.265	0.001
22	3	LDR-Unbiased	0.266	0.275	0.009
23	3	LDR-Unbiased	0.268	0.267	-0.001
25	3	LDR-Unbiased	0.267	0.264	-0.003
26	3	LDR-Unbiased	0.265	0.277	0.012
27	3	LDR-Unbiased	0.275	0.275	0
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.277	0.274	-0.003
49	10	LDR-Biased	0.269	0.265	-0.004
50	10	LDR-Biased	0.275	0.266	-0.009
51	10	LDR-Biased	0.264	0.264	0
52	10	LDR-Unbiased	0.266	0.274	0.008
53	10	LDR-Unbiased	0.268	0.266	-0.002
55	10	LDR-Unbiased	0.267	0.263	-0.004
56	10	LDR-Unbiased	0.265	0.275	0.01
57	10	LDR-Unbiased	0.275	0.276	0.001
76	30	LDR-Biased	0.276	0.268	-0.008
78	30	LDR-Biased	0.277	0.275	-0.002
79	30	LDR-Biased	0.269	0.266	-0.003
80	30	LDR-Biased	0.275	0.265	-0.01
81	30	LDR-Biased	0.264	0.266	0.002
82	30	LDR-Unbiased	0.266	0.275	0.009
83	30	LDR-Unbiased	0.268	0.267	-0.001
84	30	LDR-Unbiased	0.275	0.276	0.001
85	30	LDR-Unbiased	0.267	0.263	-0.004
86	30	LDR-Unbiased	0.265	0.275	0.01
87	100	LDR-Biased	0.265	0.265	0
88	100	LDR-Biased	0.276	0.277	0.001
90	100	LDR-Biased	0.275	0.273	-0.002
91	100	LDR-Unbiased	0.266	0.265	-0.001
93	100	LDR-Unbiased	0.265	0.263	-0.002
94	100	LDR-Unbiased	0.276	0.266	-0.01
95	100	LDR-Unbiased	0.277	0.266	-0.011
96	100	LDR-Unbiased	0.275	0.267	-0.008
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.277	0.273	-0.004
109	50	LDR-Biased	0.269	0.265	-0.004
110	50	LDR-Biased	0.275	0.266	-0.009
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.266	0.275	0.009
113	50	LDR-Unbiased	0.268	0.266	-0.002
115	50	LDR-Unbiased	0.267	0.264	-0.003
116	50	LDR-Unbiased	0.265	0.275	0.01
117	50	LDR-Unbiased	0.275	0.274	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.265	0.2695	0.274	0.006364	0.265	0.2695	0.274	0.006364	0	0	0	0
3	0.264	0.2702	0.277	0.0050067	0.264	0.2695	0.277	0.0052546	-0.01	-0.0007	0.012	0.006929
10	0.264	0.2702	0.277	0.0050067	0.263	0.2691	0.276	0.0050651	-0.009	-0.0011	0.01	0.0061725
30	0.264	0.2702	0.277	0.0050067	0.263	0.2696	0.276	0.0050376	-0.01	-0.0006	0.01	0.006467
50	0.264	0.2702	0.277	0.0050067	0.264	0.269	0.275	0.0046188	-0.009	-0.0012	0.01	0.0064601
100	0.265	0.27188	0.277	0.0054625	0.263	0.26775	0.277	0.0047434	-0.011	-0.004125	0.001	0.0047641

Device Test: 5.116 tdly_Res10p5K_EN1_SD/EN1/7/3/10.5K/0/0/@DLY_TMR_10KOHM





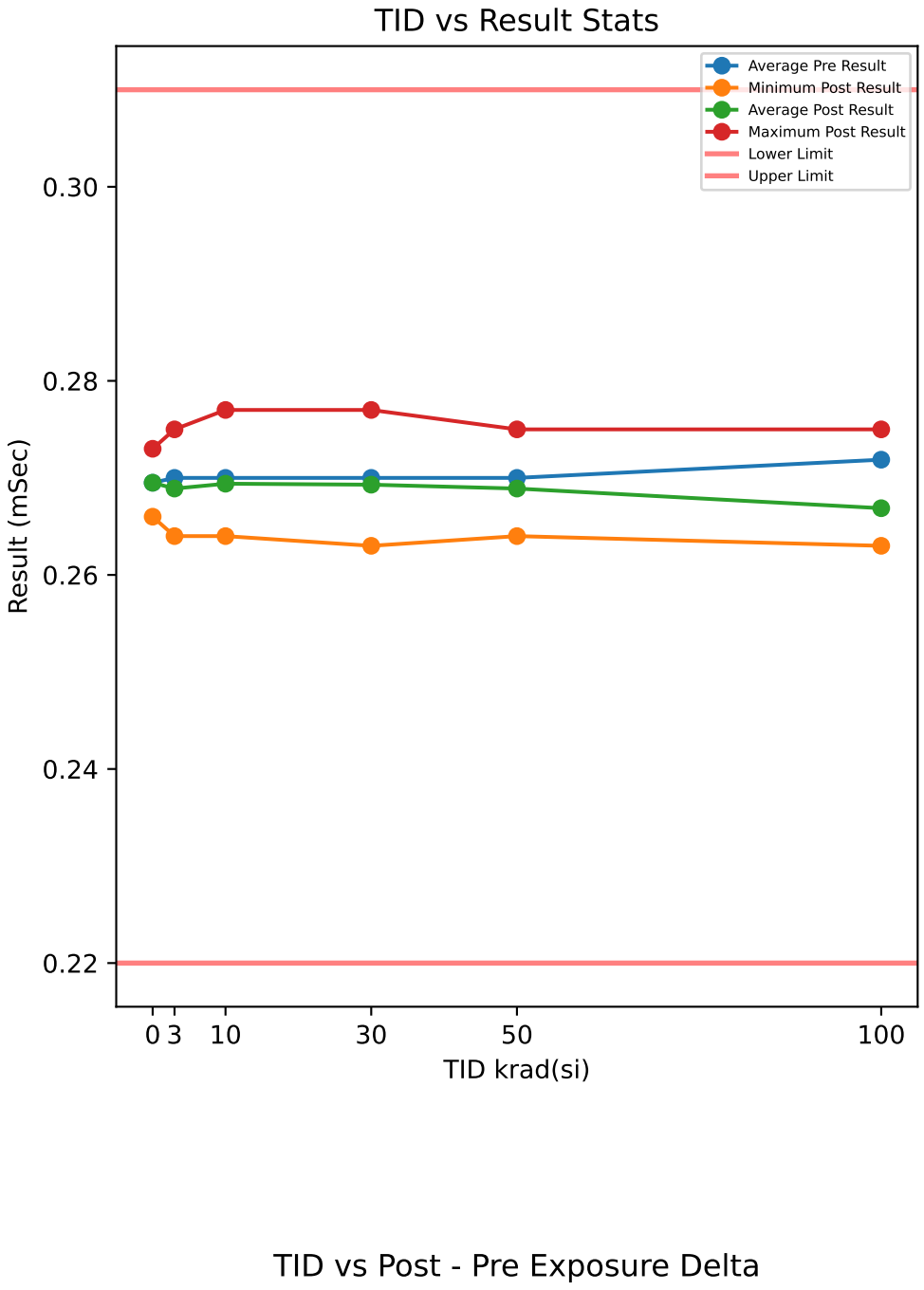
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

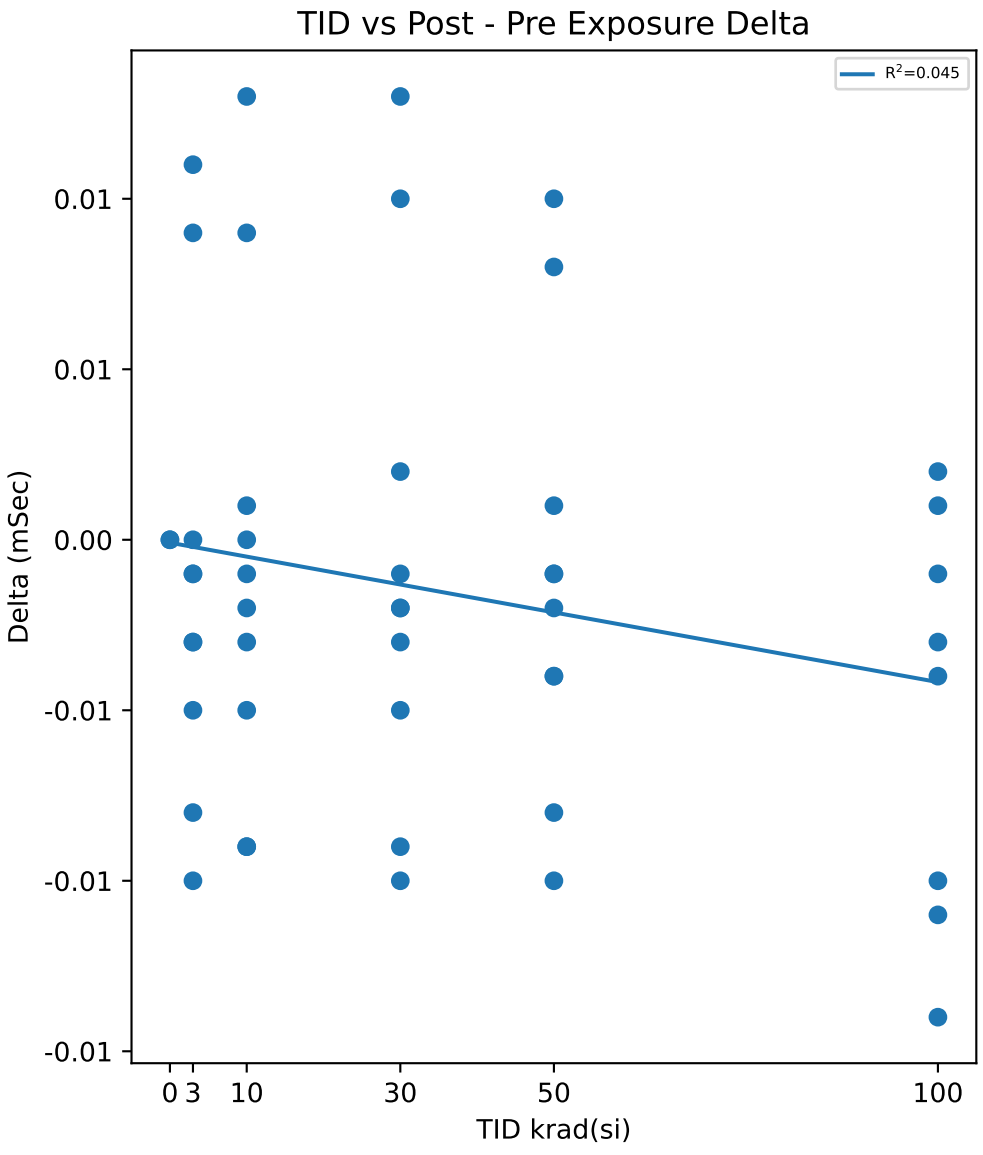
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.275	0.275	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.276	0.267	-0.009
18	3	LDR-Biased	0.275	0.273	-0.002
19	3	LDR-Biased	0.269	0.265	-0.004
20	3	LDR-Biased	0.275	0.267	-0.008
21	3	LDR-Biased	0.264	0.266	0.002
22	3	LDR-Unbiased	0.266	0.274	0.008
23	3	LDR-Unbiased	0.267	0.266	-0.001
25	3	LDR-Unbiased	0.268	0.264	-0.004
26	3	LDR-Unbiased	0.265	0.277	0.012
27	3	LDR-Unbiased	0.276	0.273	-0.003
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.275	0.275	0
49	10	LDR-Biased	0.269	0.265	-0.004
50	10	LDR-Biased	0.275	0.266	-0.009
51	10	LDR-Biased	0.264	0.265	0.001
52	10	LDR-Unbiased	0.266	0.274	0.008
53	10	LDR-Unbiased	0.267	0.265	-0.002
55	10	LDR-Unbiased	0.268	0.264	-0.004
56	10	LDR-Unbiased	0.265	0.277	0.012
57	10	LDR-Unbiased	0.276	0.275	-0.001
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.275	0.275	0
79	30	LDR-Biased	0.269	0.265	-0.004
80	30	LDR-Biased	0.275	0.265	-0.01
81	30	LDR-Biased	0.264	0.267	0.003
82	30	LDR-Unbiased	0.266	0.273	0.007
83	30	LDR-Unbiased	0.267	0.266	-0.001
84	30	LDR-Unbiased	0.276	0.276	0
85	30	LDR-Unbiased	0.268	0.265	-0.003
86	30	LDR-Unbiased	0.265	0.275	0.01
87	100	LDR-Biased	0.266	0.265	-0.001
88	100	LDR-Biased	0.278	0.275	-0.003
90	100	LDR-Biased	0.276	0.272	-0.004
91	100	LDR-Unbiased	0.267	0.264	-0.003
93	100	LDR-Unbiased	0.265	0.266	0.001
94	100	LDR-Unbiased	0.278	0.267	-0.011
95	100	LDR-Unbiased	0.275	0.266	-0.009
96	100	LDR-Unbiased	0.276	0.265	-0.011
106	50	LDR-Biased	0.276	0.268	-0.008
108	50	LDR-Biased	0.275	0.273	-0.002
109	50	LDR-Biased	0.269	0.265	-0.004
110	50	LDR-Biased	0.275	0.265	-0.01
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.266	0.275	0.009
113	50	LDR-Unbiased	0.267	0.266	-0.001
115	50	LDR-Unbiased	0.268	0.264	-0.004
116	50	LDR-Unbiased	0.265	0.276	0.011
117	50	LDR-Unbiased	0.276	0.275	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2705	0.275	0.006364	0.266	0.2705	0.275	0.006364	0	0	0	0
3	0.264	0.2701	0.276	0.0048637	0.264	0.2692	0.277	0.0045656	-0.009	-0.0009	0.012	0.006624
10	0.264	0.2701	0.276	0.0048637	0.264	0.2694	0.277	0.0051897	-0.009	-0.0007	0.012	0.0065498
30	0.264	0.2701	0.276	0.0048637	0.265	0.2694	0.276	0.0047188	-0.01	-0.0007	0.01	0.0063254
50	0.264	0.2701	0.276	0.0048637	0.264	0.2692	0.276	0.0049396	-0.01	-0.0009	0.011	0.0066408
100	0.265	0.27263	0.278	0.0056045	0.264	0.2675	0.275	0.0038914	-0.011	-0.005125	0.001	0.0046117

Device Test: 5.117 tdly_Res10p5K_EN2_SD/EN2/7/3/10.5K/0/0/@DLY_TMR_10KOHM





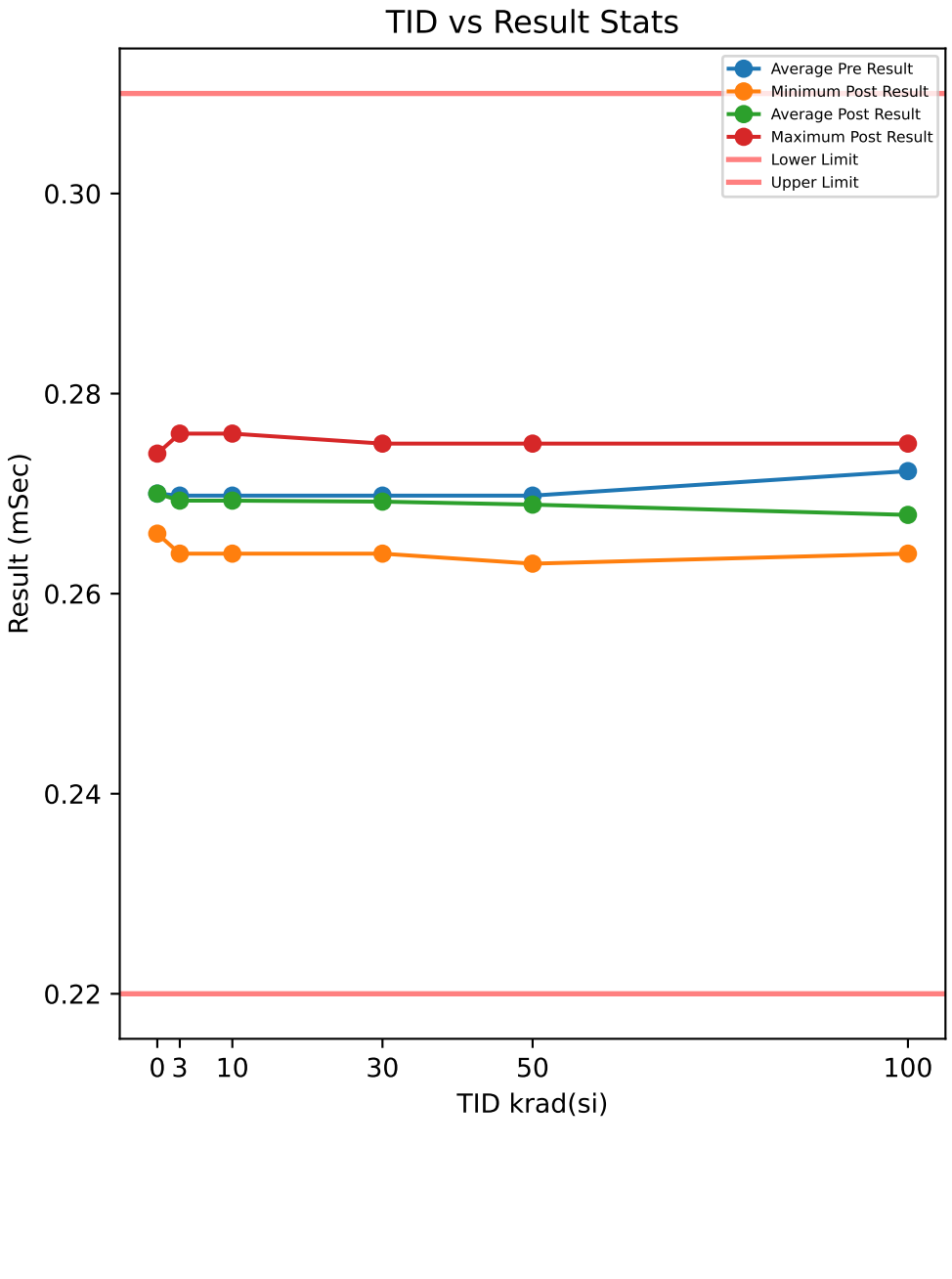
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

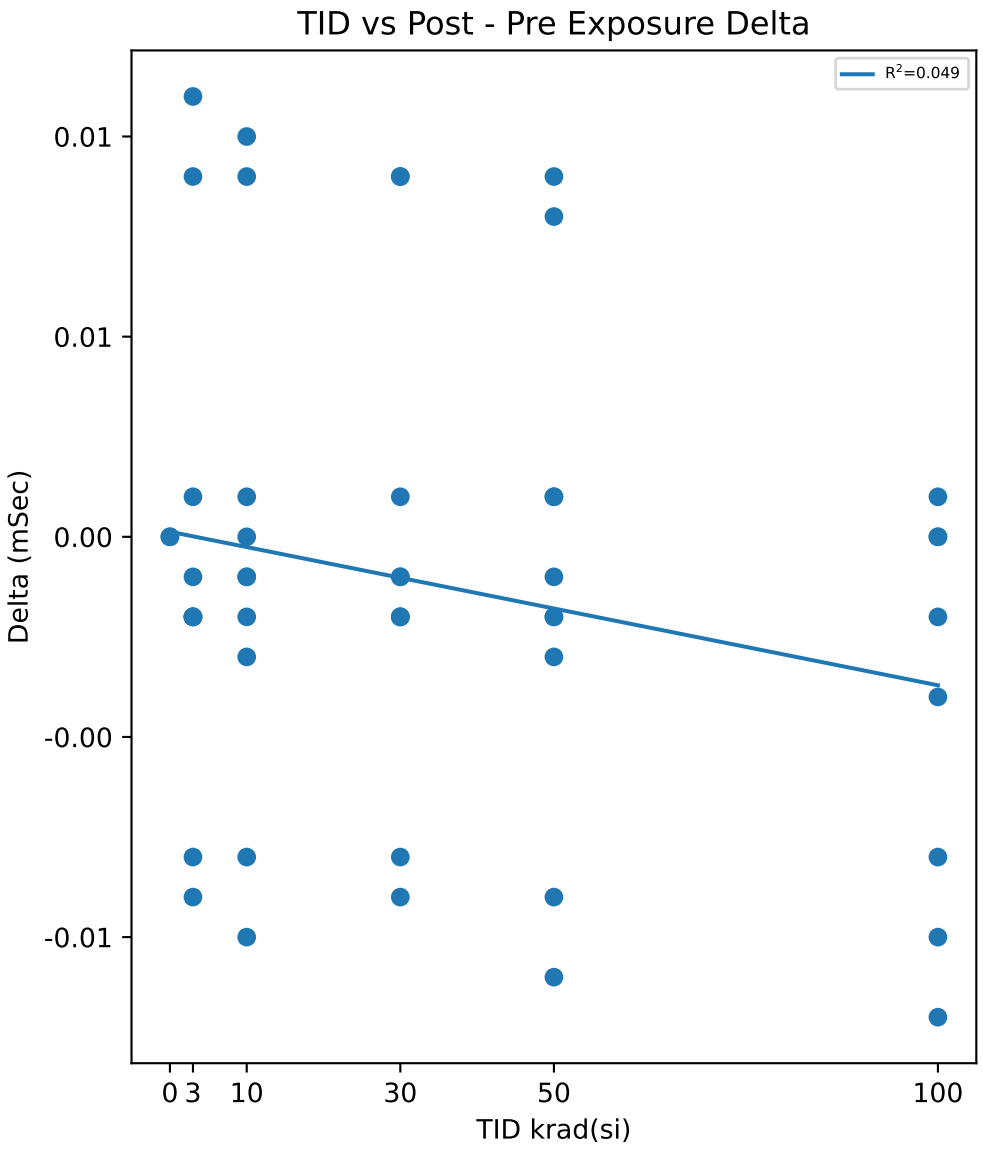
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.273	0.273	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.276	0.268	-0.008
18	3	LDR-Biased	0.275	0.274	-0.001
19	3	LDR-Biased	0.27	0.265	-0.005
20	3	LDR-Biased	0.275	0.265	-0.01
21	3	LDR-Biased	0.264	0.264	0
22	3	LDR-Unbiased	0.266	0.275	0.009
23	3	LDR-Unbiased	0.269	0.266	-0.003
25	3	LDR-Unbiased	0.265	0.264	-0.001
26	3	LDR-Unbiased	0.264	0.275	0.011
27	3	LDR-Unbiased	0.276	0.273	-0.003
46	10	LDR-Biased	0.276	0.267	-0.009
48	10	LDR-Biased	0.275	0.274	-0.001
49	10	LDR-Biased	0.27	0.265	-0.005
50	10	LDR-Biased	0.275	0.266	-0.009
51	10	LDR-Biased	0.264	0.264	0
52	10	LDR-Unbiased	0.266	0.275	0.009
53	10	LDR-Unbiased	0.269	0.266	-0.003
55	10	LDR-Unbiased	0.265	0.266	0.001
56	10	LDR-Unbiased	0.264	0.277	0.013
57	10	LDR-Unbiased	0.276	0.274	-0.002
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.275	0.274	-0.001
79	30	LDR-Biased	0.27	0.265	-0.005
80	30	LDR-Biased	0.275	0.265	-0.01
81	30	LDR-Biased	0.264	0.266	0.002
82	30	LDR-Unbiased	0.266	0.276	0.01
83	30	LDR-Unbiased	0.269	0.267	-0.002
84	30	LDR-Unbiased	0.276	0.273	-0.003
85	30	LDR-Unbiased	0.265	0.263	-0.002
86	30	LDR-Unbiased	0.264	0.277	0.013
87	100	LDR-Biased	0.263	0.265	0.002
88	100	LDR-Biased	0.276	0.275	-0.001
90	100	LDR-Biased	0.275	0.272	-0.003
91	100	LDR-Unbiased	0.267	0.263	-0.004
93	100	LDR-Unbiased	0.264	0.265	0.001
94	100	LDR-Unbiased	0.276	0.266	-0.01
95	100	LDR-Unbiased	0.276	0.265	-0.011
96	100	LDR-Unbiased	0.278	0.264	-0.014
106	50	LDR-Biased	0.276	0.268	-0.008
108	50	LDR-Biased	0.275	0.273	-0.002
109	50	LDR-Biased	0.27	0.266	-0.004
110	50	LDR-Biased	0.275	0.265	-0.01
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.266	0.274	0.008
113	50	LDR-Unbiased	0.269	0.265	-0.004
115	50	LDR-Unbiased	0.265	0.264	-0.001
116	50	LDR-Unbiased	0.264	0.274	0.01
117	50	LDR-Unbiased	0.276	0.275	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2695	0.273	0.0049497	0.266	0.2695	0.273	0.0049497	0	0	0	0
3	0.264	0.27	0.276	0.0051208	0.264	0.2689	0.275	0.0047714	-0.01	-0.0011	0.011	0.0066575
10	0.264	0.27	0.276	0.0051208	0.264	0.2694	0.277	0.0049486	-0.009	-0.0006	0.013	0.0070585
30	0.264	0.27	0.276	0.0051208	0.263	0.2693	0.277	0.0051435	-0.01	-0.0007	0.013	0.0073944
50	0.264	0.27	0.276	0.0051208	0.264	0.2689	0.275	0.0045326	-0.01	-0.0011	0.01	0.0062796
100	0.263	0.27188	0.278	0.0061281	0.263	0.26688	0.275	0.0042573	-0.014	-0.005	0.002	0.0059522

Device Test: 5.118 tdly_Res10p5K_EN3_SD/EN3/7/3/10.5K/0/0/@DLY_TMR_10KOHM





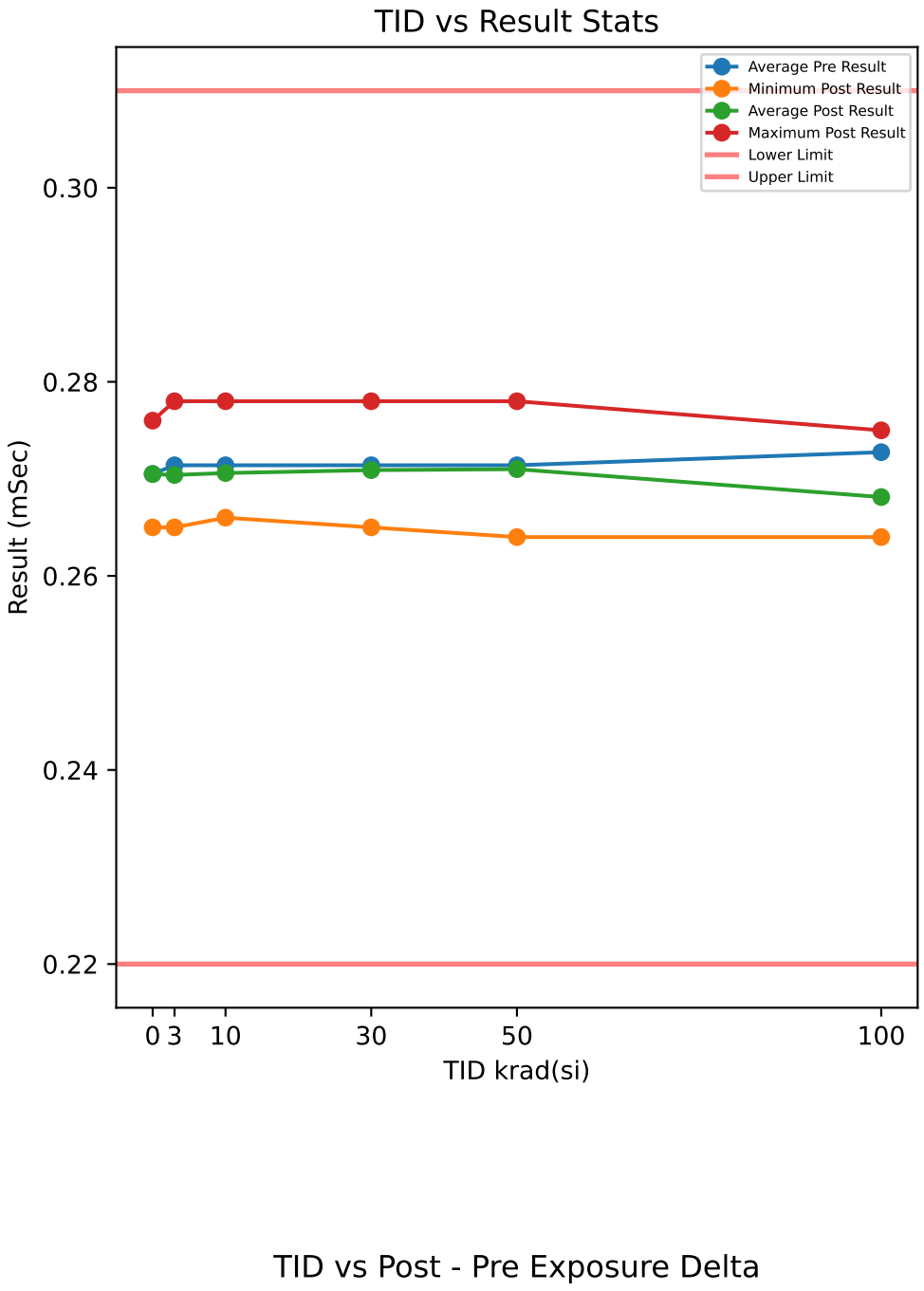
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

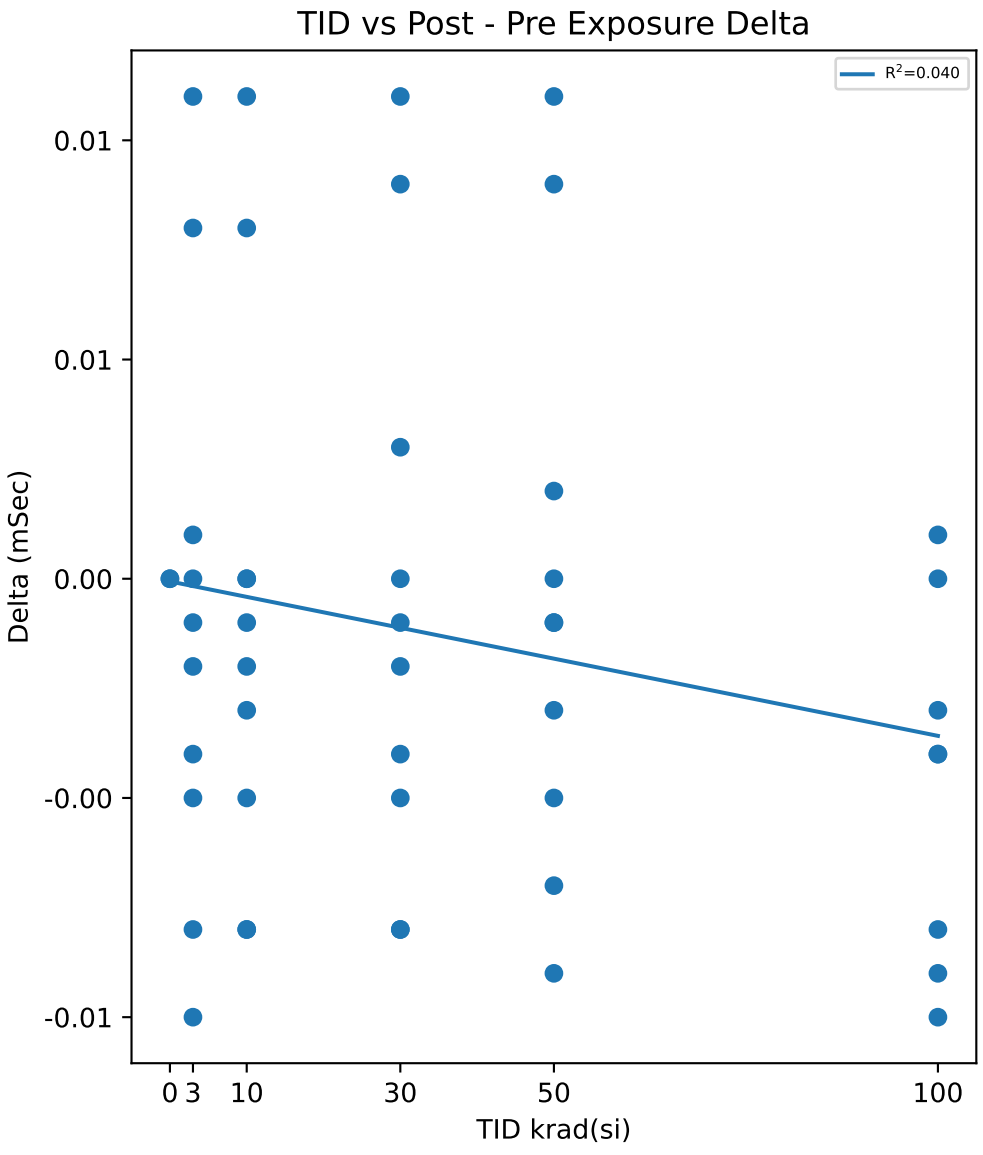
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.276	0.268	-0.008
18	3	LDR-Biased	0.274	0.273	-0.001
19	3	LDR-Biased	0.268	0.266	-0.002
20	3	LDR-Biased	0.275	0.266	-0.009
21	3	LDR-Biased	0.264	0.265	0.001
22	3	LDR-Unbiased	0.265	0.276	0.011
23	3	LDR-Unbiased	0.268	0.266	-0.002
25	3	LDR-Unbiased	0.266	0.264	-0.002
26	3	LDR-Unbiased	0.266	0.275	0.009
27	3	LDR-Unbiased	0.276	0.274	-0.002
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.274	0.273	-0.001
49	10	LDR-Biased	0.268	0.268	0
50	10	LDR-Biased	0.275	0.265	-0.01
51	10	LDR-Biased	0.264	0.265	0.001
52	10	LDR-Unbiased	0.265	0.274	0.009
53	10	LDR-Unbiased	0.268	0.265	-0.003
55	10	LDR-Unbiased	0.266	0.264	-0.002
56	10	LDR-Unbiased	0.266	0.276	0.01
57	10	LDR-Unbiased	0.276	0.275	-0.001
76	30	LDR-Biased	0.276	0.268	-0.008
78	30	LDR-Biased	0.274	0.273	-0.001
79	30	LDR-Biased	0.268	0.266	-0.002
80	30	LDR-Biased	0.275	0.266	-0.009
81	30	LDR-Biased	0.264	0.265	0.001
82	30	LDR-Unbiased	0.265	0.274	0.009
83	30	LDR-Unbiased	0.268	0.267	-0.001
84	30	LDR-Unbiased	0.276	0.274	-0.002
85	30	LDR-Unbiased	0.266	0.264	-0.002
86	30	LDR-Unbiased	0.266	0.275	0.009
87	100	LDR-Biased	0.265	0.265	0
88	100	LDR-Biased	0.277	0.275	-0.002
90	100	LDR-Biased	0.275	0.275	0
91	100	LDR-Unbiased	0.268	0.264	-0.004
93	100	LDR-Unbiased	0.265	0.266	0.001
94	100	LDR-Unbiased	0.275	0.267	-0.008
95	100	LDR-Unbiased	0.276	0.266	-0.01
96	100	LDR-Unbiased	0.277	0.265	-0.012
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.274	0.275	0.001
109	50	LDR-Biased	0.268	0.267	-0.001
110	50	LDR-Biased	0.275	0.264	-0.011
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.265	0.274	0.009
113	50	LDR-Unbiased	0.268	0.266	-0.002
115	50	LDR-Unbiased	0.266	0.263	-0.003
116	50	LDR-Unbiased	0.266	0.274	0.008
117	50	LDR-Unbiased	0.276	0.274	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.27	0.274	0.0056569	0.266	0.27	0.274	0.0056569	0	0	0	0
3	0.264	0.2698	0.276	0.0048717	0.264	0.2693	0.276	0.004644	-0.009	-0.0005	0.011	0.0063465
10	0.264	0.2698	0.276	0.0048717	0.264	0.2693	0.276	0.0047152	-0.01	-0.0005	0.01	0.0063114
30	0.264	0.2698	0.276	0.0048717	0.264	0.2692	0.275	0.0042895	-0.009	-0.0006	0.009	0.0059479
50	0.264	0.2698	0.276	0.0048717	0.263	0.2689	0.275	0.0047714	-0.011	-0.0009	0.009	0.0063149
100	0.265	0.27225	0.277	0.0053117	0.264	0.26788	0.275	0.0044861	-0.012	-0.004375	0.001	0.0050125

Device Test: 5.119 tdly_Res10p5K_EN4_SD/EN4/7/3/10.5K/0/0/@DLY_TMR_10KOHM





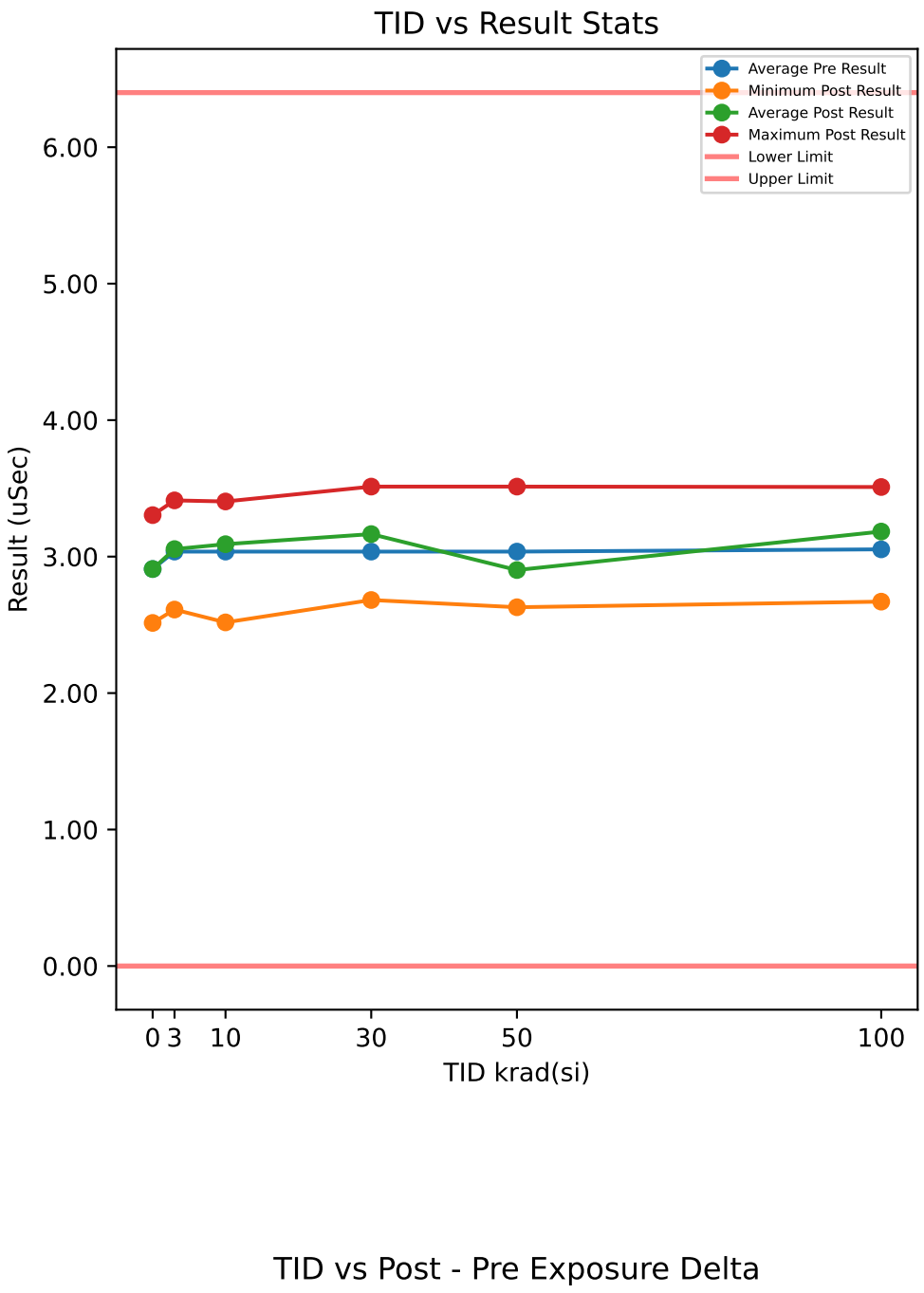
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

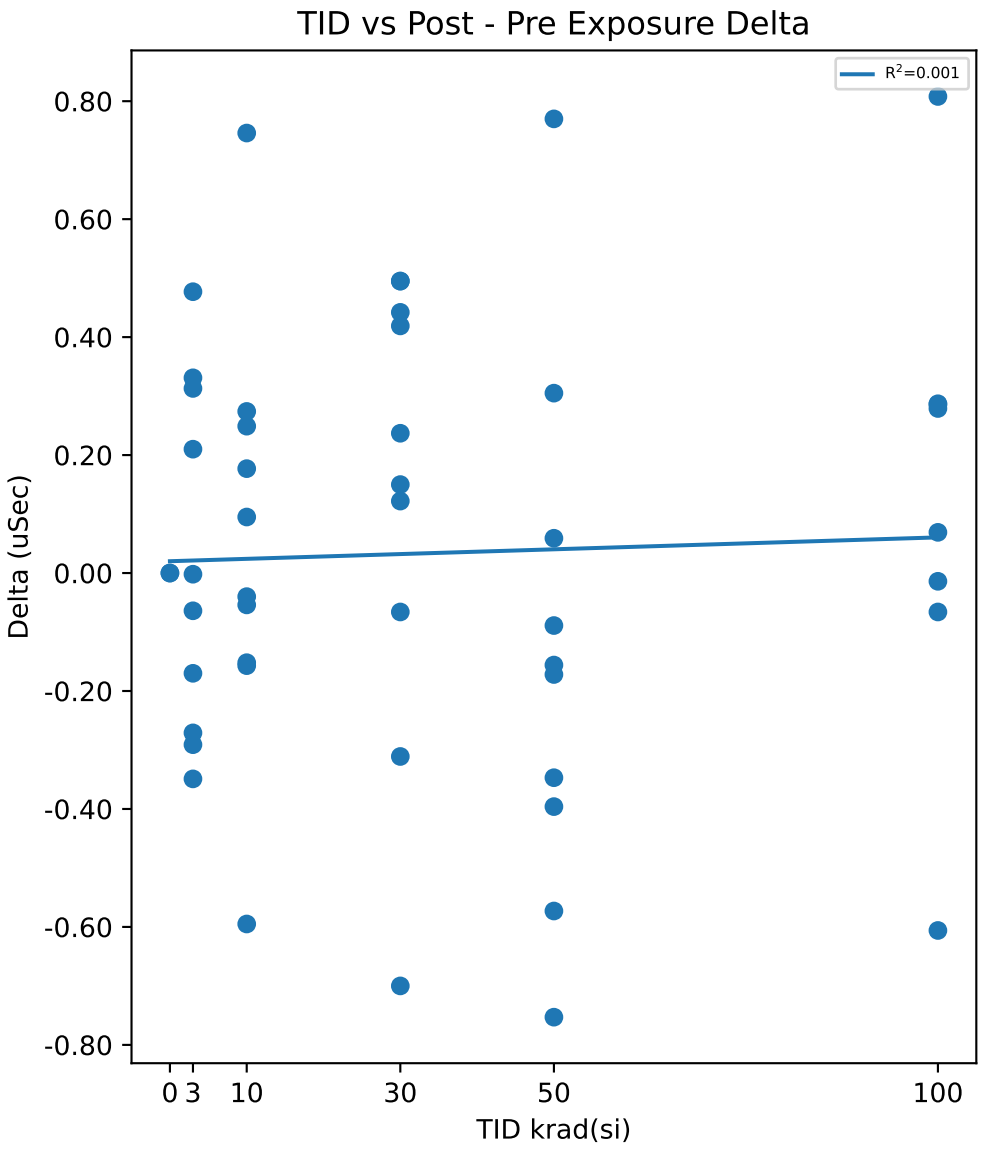
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.276	0.276	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.277	0.269	-0.008
18	3	LDR-Biased	0.275	0.276	0.001
19	3	LDR-Biased	0.27	0.266	-0.004
20	3	LDR-Biased	0.276	0.266	-0.01
21	3	LDR-Biased	0.266	0.266	0
22	3	LDR-Unbiased	0.267	0.275	0.008
23	3	LDR-Unbiased	0.272	0.267	-0.005
25	3	LDR-Unbiased	0.267	0.265	-0.002
26	3	LDR-Unbiased	0.267	0.278	0.011
27	3	LDR-Unbiased	0.277	0.276	-0.001
46	10	LDR-Biased	0.277	0.269	-0.008
48	10	LDR-Biased	0.275	0.275	0
49	10	LDR-Biased	0.27	0.267	-0.003
50	10	LDR-Biased	0.276	0.268	-0.008
51	10	LDR-Biased	0.266	0.266	0
52	10	LDR-Unbiased	0.267	0.275	0.008
53	10	LDR-Unbiased	0.272	0.267	-0.005
55	10	LDR-Unbiased	0.267	0.266	-0.001
56	10	LDR-Unbiased	0.267	0.278	0.011
57	10	LDR-Unbiased	0.277	0.275	-0.002
76	30	LDR-Biased	0.277	0.269	-0.008
78	30	LDR-Biased	0.275	0.275	0
79	30	LDR-Biased	0.27	0.266	-0.004
80	30	LDR-Biased	0.276	0.268	-0.008
81	30	LDR-Biased	0.266	0.269	0.003
82	30	LDR-Unbiased	0.267	0.276	0.009
83	30	LDR-Unbiased	0.272	0.267	-0.005
84	30	LDR-Unbiased	0.277	0.276	-0.001
85	30	LDR-Unbiased	0.267	0.265	-0.002
86	30	LDR-Unbiased	0.267	0.278	0.011
87	100	LDR-Biased	0.265	0.266	0.001
88	100	LDR-Biased	0.279	0.275	-0.004
90	100	LDR-Biased	0.277	0.274	-0.003
91	100	LDR-Unbiased	0.268	0.264	-0.004
93	100	LDR-Unbiased	0.265	0.265	0
94	100	LDR-Unbiased	0.277	0.267	-0.01
95	100	LDR-Unbiased	0.275	0.267	-0.008
96	100	LDR-Unbiased	0.276	0.267	-0.009
106	50	LDR-Biased	0.277	0.27	-0.007
108	50	LDR-Biased	0.275	0.275	0
109	50	LDR-Biased	0.27	0.269	-0.001
110	50	LDR-Biased	0.276	0.267	-0.009
111	50	LDR-Biased	0.266	0.268	0.002
112	50	LDR-Unbiased	0.267	0.276	0.009
113	50	LDR-Unbiased	0.272	0.267	-0.005
115	50	LDR-Unbiased	0.267	0.264	-0.003
116	50	LDR-Unbiased	0.267	0.278	0.011
117	50	LDR-Unbiased	0.277	0.276	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.265	0.2705	0.276	0.0077782	0.265	0.2705	0.276	0.0077782	0	0	0	0
3	0.266	0.2714	0.277	0.0045509	0.265	0.2704	0.278	0.0051897	-0.01	-0.001	0.011	0.006549
10	0.266	0.2714	0.277	0.0045509	0.266	0.2706	0.278	0.0045995	-0.008	-0.0008	0.011	0.0061968
30	0.266	0.2714	0.277	0.0045509	0.265	0.2709	0.278	0.0048178	-0.008	-0.0005	0.011	0.0065192
50	0.266	0.2714	0.277	0.0045509	0.264	0.271	0.278	0.0048305	-0.009	-0.0004	0.011	0.0064153
100	0.265	0.27275	0.279	0.0057756	0.264	0.26813	0.275	0.0040861	-0.01	-0.004625	0.001	0.0040686

Device Test: 5.12 tpd_EN1_SU/EN1/1.6/14/0/0/0/@TPD_EN





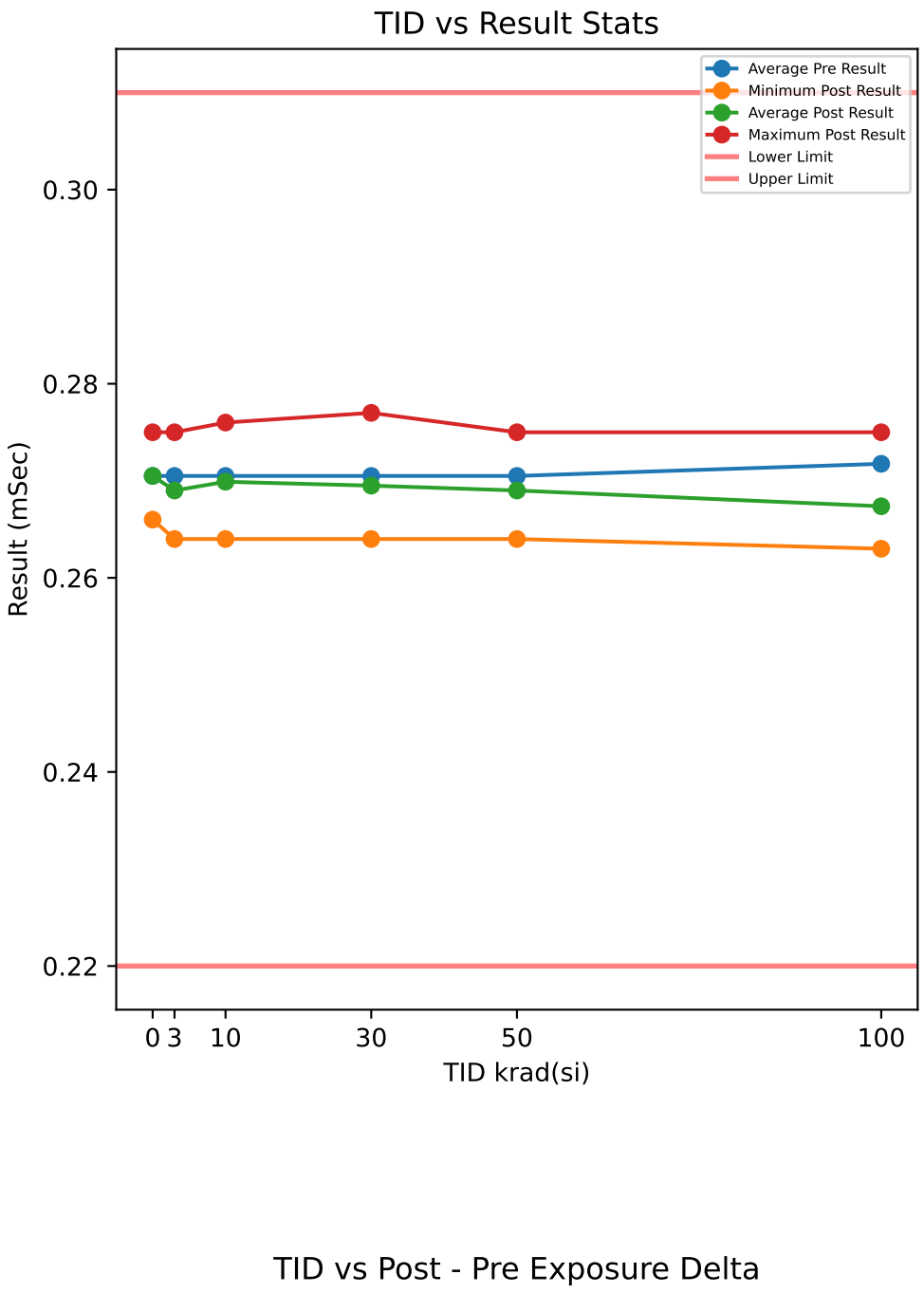
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

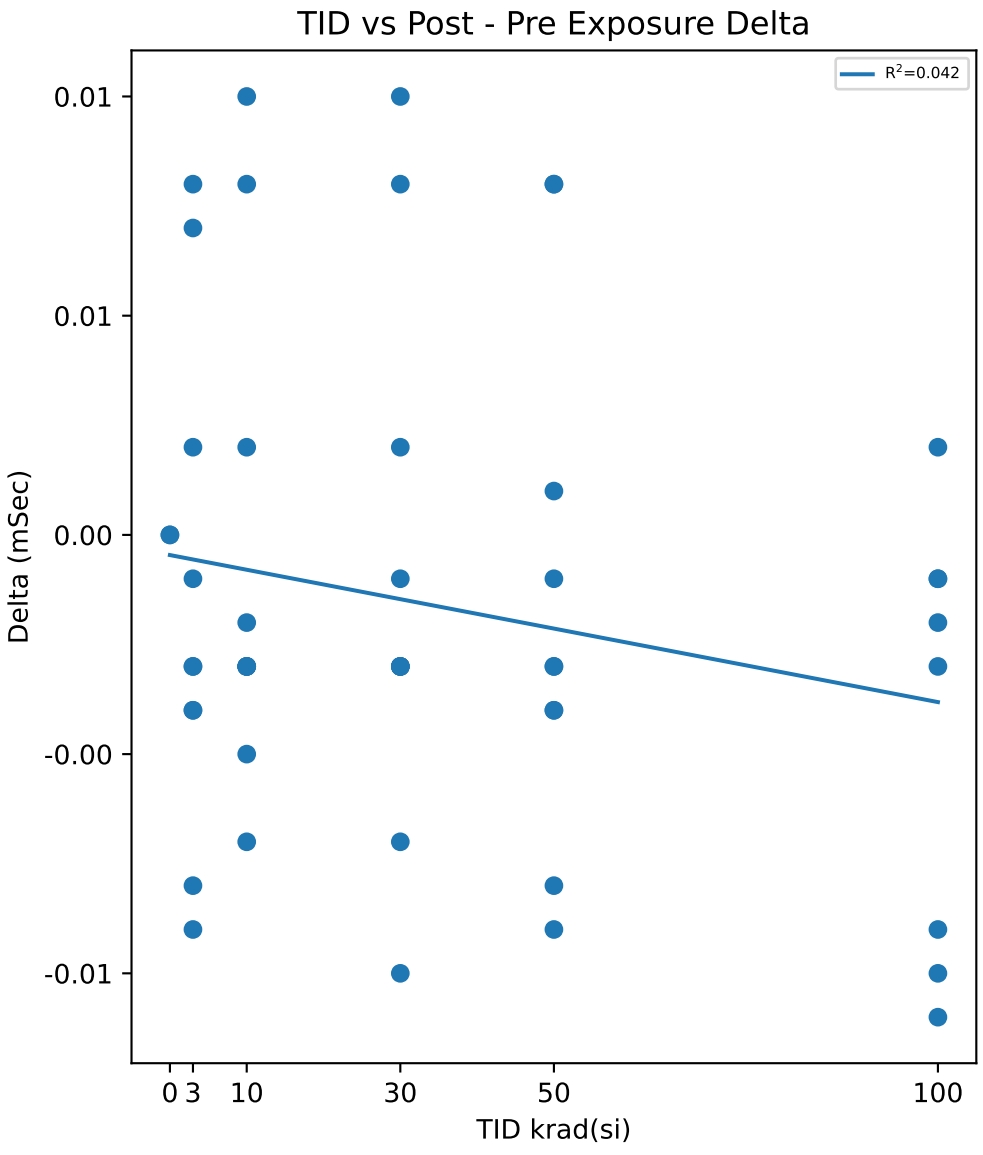
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.514	2.514	0
7	0	Correlation	3.304	3.304	0
16	3	LDR-Biased	3.382	3.318	-0.064
18	3	LDR-Biased	2.623	2.936	0.313
19	3	LDR-Biased	2.961	2.612	-0.349
20	3	LDR-Biased	3.113	3.323	0.21
21	3	LDR-Biased	3.071	2.8	-0.271
22	3	LDR-Unbiased	2.957	2.955	-0.002
23	3	LDR-Unbiased	2.935	3.412	0.477
25	3	LDR-Unbiased	3.458	3.288	-0.17
26	3	LDR-Unbiased	3.124	2.833	-0.291
27	3	LDR-Unbiased	2.743	3.074	0.331
46	10	LDR-Biased	3.382	3.342	-0.04
48	10	LDR-Biased	2.623	3.369	0.746
49	10	LDR-Biased	2.961	3.138	0.177
50	10	LDR-Biased	3.113	2.518	-0.595
51	10	LDR-Biased	3.071	3.166	0.095
52	10	LDR-Unbiased	2.957	3.231	0.274
53	10	LDR-Unbiased	2.935	2.783	-0.152
55	10	LDR-Unbiased	3.458	3.404	-0.054
56	10	LDR-Unbiased	3.124	3.373	0.249
57	10	LDR-Unbiased	2.743	2.586	-0.157
76	30	LDR-Biased	3.382	2.682	-0.7
78	30	LDR-Biased	2.623	2.773	0.15
79	30	LDR-Biased	2.961	3.083	0.122
80	30	LDR-Biased	3.113	3.047	-0.066
81	30	LDR-Biased	3.071	3.513	0.442
82	30	LDR-Unbiased	2.957	3.376	0.419
83	30	LDR-Unbiased	2.935	3.43	0.495
84	30	LDR-Unbiased	2.743	3.238	0.495
85	30	LDR-Unbiased	3.458	3.147	-0.311
86	30	LDR-Unbiased	3.124	3.361	0.237
87	100	LDR-Biased	2.994	3.281	0.287
88	100	LDR-Biased	3.276	2.67	-0.606
90	100	LDR-Biased	3.09	3.024	-0.066
91	100	LDR-Unbiased	3.202	3.488	0.286
93	100	LDR-Unbiased	2.921	3.2	0.279
94	100	LDR-Unbiased	2.702	3.51	0.808
95	100	LDR-Unbiased	3.33	3.399	0.069
96	100	LDR-Unbiased	2.911	2.897	-0.014
106	50	LDR-Biased	3.382	2.629	-0.753
108	50	LDR-Biased	2.623	2.682	0.059
109	50	LDR-Biased	2.961	3.266	0.305
110	50	LDR-Biased	3.113	2.766	-0.347
111	50	LDR-Biased	3.071	2.675	-0.396
112	50	LDR-Unbiased	2.957	2.785	-0.172
113	50	LDR-Unbiased	2.935	2.846	-0.089
115	50	LDR-Unbiased	3.458	2.885	-0.573
116	50	LDR-Unbiased	3.124	2.968	-0.156
117	50	LDR-Unbiased	2.743	3.513	0.77

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.514	2.909	3.304	0.55861	2.514	2.909	3.304	0.55861	0	0	0	0
3	2.623	3.0367	3.458	0.25629	2.612	3.0551	3.412	0.27035	-0.349	0.0184	0.477	0.29603
10	2.623	3.0367	3.458	0.25629	2.518	3.091	3.404	0.33722	-0.595	0.0543	0.746	0.35131
30	2.623	3.0367	3.458	0.25629	2.682	3.165	3.513	0.27639	-0.7	0.1283	0.495	0.39172
50	2.623	3.0367	3.458	0.25629	2.629	2.9015	3.513	0.28289	-0.753	-0.1352	0.77	0.43983
100	2.702	3.0532	3.33	0.2119	2.67	3.1836	3.51	0.29922	-0.606	0.13038	0.808	0.40275

Device Test: 5.120 tdly_Res10p5K_SEQ_SD/SEQ_DONE/7/3/10.5K/0/0/@DLY_TMR_10KOHM





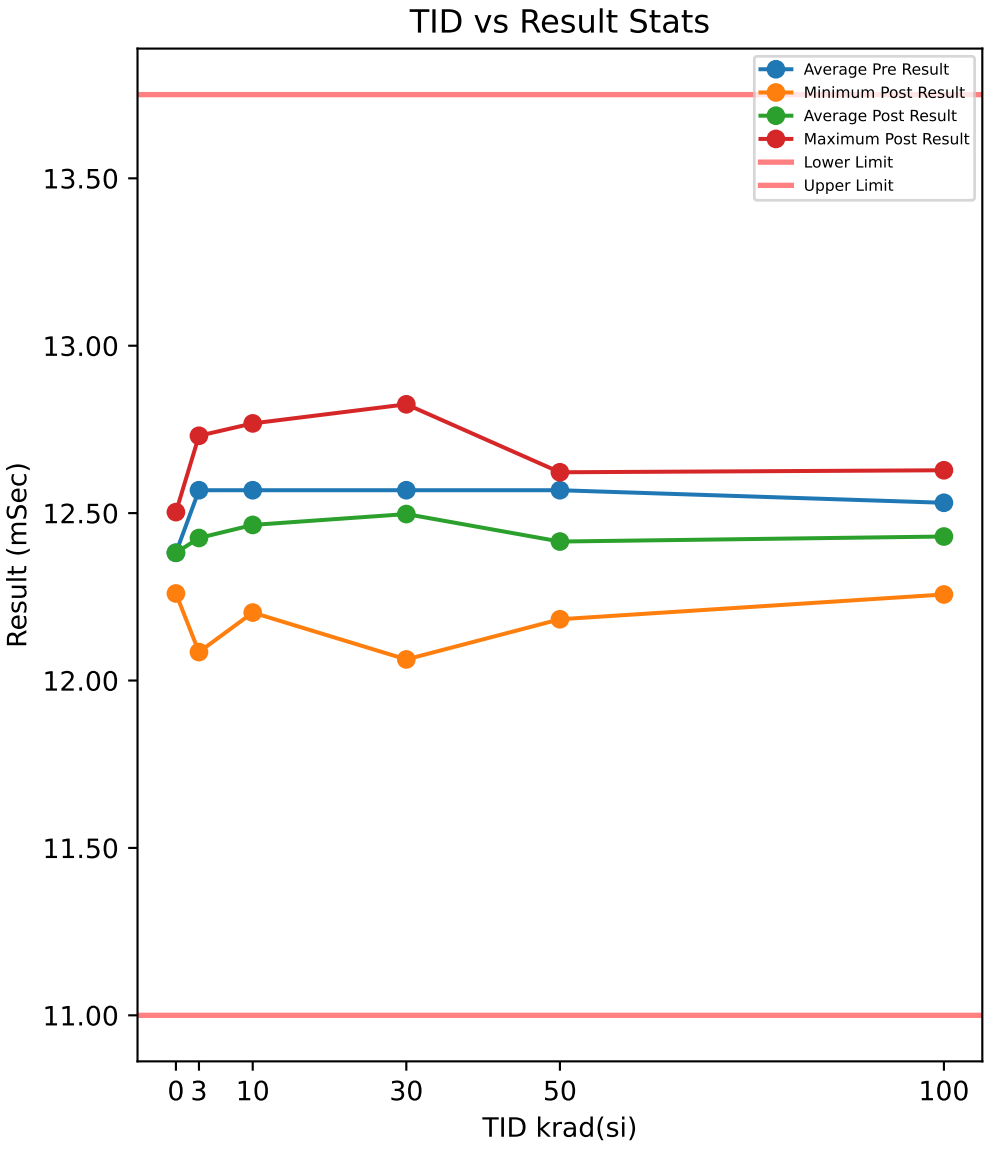
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

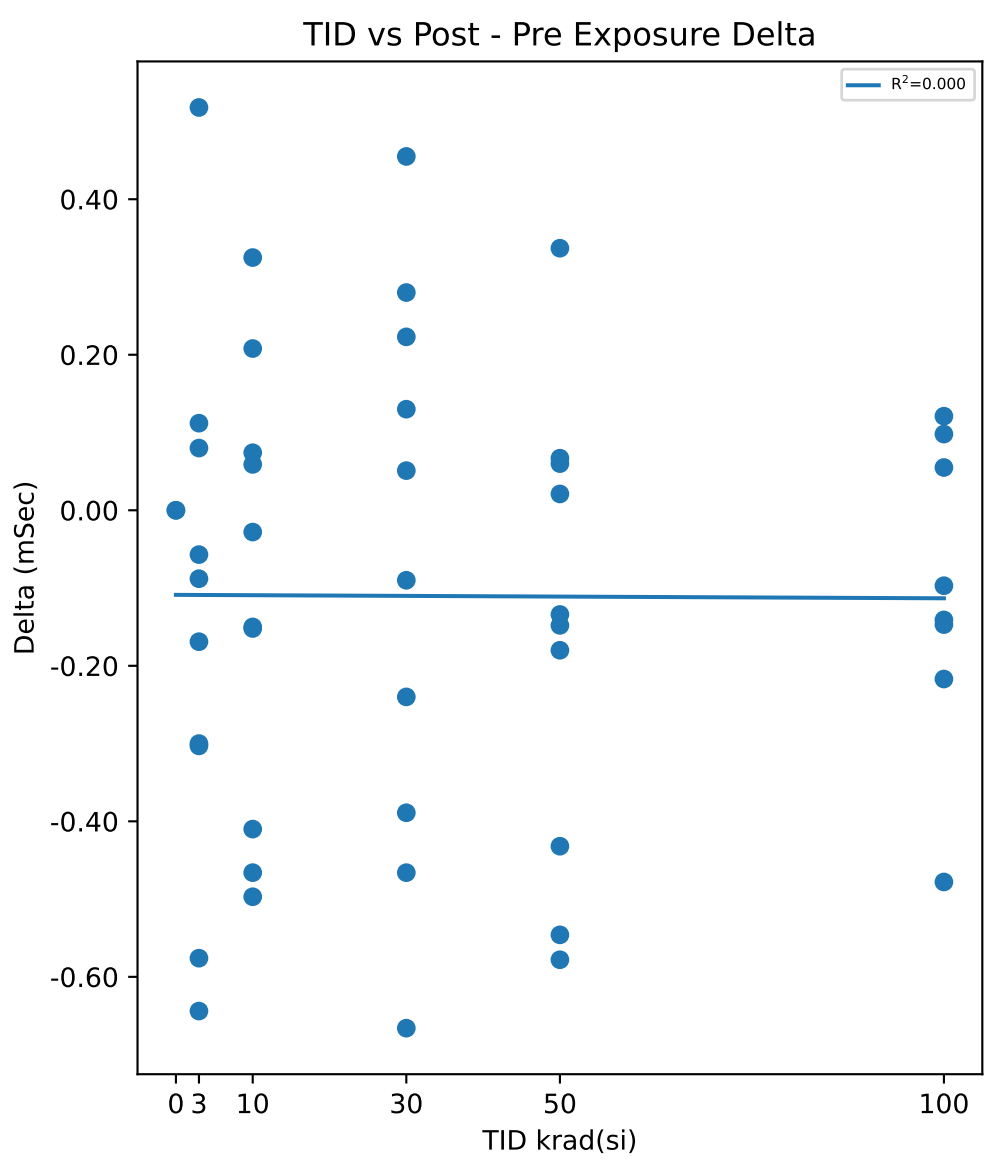
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.275	0.275	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.275	0.267	-0.008
18	3	LDR-Biased	0.277	0.274	-0.003
19	3	LDR-Biased	0.269	0.265	-0.004
20	3	LDR-Biased	0.274	0.265	-0.009
21	3	LDR-Biased	0.264	0.266	0.002
22	3	LDR-Unbiased	0.266	0.274	0.008
23	3	LDR-Unbiased	0.27	0.266	-0.004
25	3	LDR-Unbiased	0.267	0.264	-0.003
26	3	LDR-Unbiased	0.267	0.274	0.007
27	3	LDR-Unbiased	0.276	0.275	-0.001
46	10	LDR-Biased	0.275	0.27	-0.005
48	10	LDR-Biased	0.277	0.274	-0.003
49	10	LDR-Biased	0.269	0.266	-0.003
50	10	LDR-Biased	0.274	0.267	-0.007
51	10	LDR-Biased	0.264	0.266	0.002
52	10	LDR-Unbiased	0.266	0.276	0.01
53	10	LDR-Unbiased	0.27	0.267	-0.003
55	10	LDR-Unbiased	0.267	0.264	-0.003
56	10	LDR-Unbiased	0.267	0.275	0.008
57	10	LDR-Unbiased	0.276	0.274	-0.002
76	30	LDR-Biased	0.275	0.268	-0.007
78	30	LDR-Biased	0.277	0.274	-0.003
79	30	LDR-Biased	0.269	0.266	-0.003
80	30	LDR-Biased	0.274	0.264	-0.01
81	30	LDR-Biased	0.264	0.266	0.002
82	30	LDR-Unbiased	0.266	0.274	0.008
83	30	LDR-Unbiased	0.27	0.267	-0.003
84	30	LDR-Unbiased	0.276	0.275	-0.001
85	30	LDR-Unbiased	0.267	0.264	-0.003
86	30	LDR-Unbiased	0.267	0.277	0.01
87	100	LDR-Biased	0.263	0.265	0.002
88	100	LDR-Biased	0.276	0.275	-0.001
90	100	LDR-Biased	0.275	0.274	-0.001
91	100	LDR-Unbiased	0.267	0.264	-0.003
93	100	LDR-Unbiased	0.265	0.263	-0.002
94	100	LDR-Unbiased	0.276	0.266	-0.01
95	100	LDR-Unbiased	0.276	0.267	-0.009
96	100	LDR-Unbiased	0.276	0.265	-0.011
106	50	LDR-Biased	0.275	0.267	-0.008
108	50	LDR-Biased	0.277	0.273	-0.004
109	50	LDR-Biased	0.269	0.266	-0.003
110	50	LDR-Biased	0.274	0.265	-0.009
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.266	0.274	0.008
113	50	LDR-Unbiased	0.27	0.266	-0.004
115	50	LDR-Unbiased	0.267	0.264	-0.003
116	50	LDR-Unbiased	0.267	0.275	0.008
117	50	LDR-Unbiased	0.276	0.275	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2705	0.275	0.006364	0.266	0.2705	0.275	0.006364	0	0	0	0
3	0.264	0.2705	0.277	0.0046488	0.264	0.269	0.275	0.0045947	-0.009	-0.0015	0.008	0.0056814
10	0.264	0.2705	0.277	0.0046488	0.264	0.2699	0.276	0.0044585	-0.007	-0.0006	0.01	0.0055618
30	0.264	0.2705	0.277	0.0046488	0.264	0.2695	0.277	0.0049497	-0.01	-0.001	0.01	0.0061824
50	0.264	0.2705	0.277	0.0046488	0.264	0.269	0.275	0.0046188	-0.009	-0.0015	0.008	0.0057975
100	0.263	0.27175	0.276	0.0057009	0.263	0.26738	0.275	0.004565	-0.011	-0.004375	0.002	0.0048972

Device Test: 5.121 tdly_Res619K_EN1_SU/EN1/7/3/619K/0/0/@DLY_TMR_500KOHM





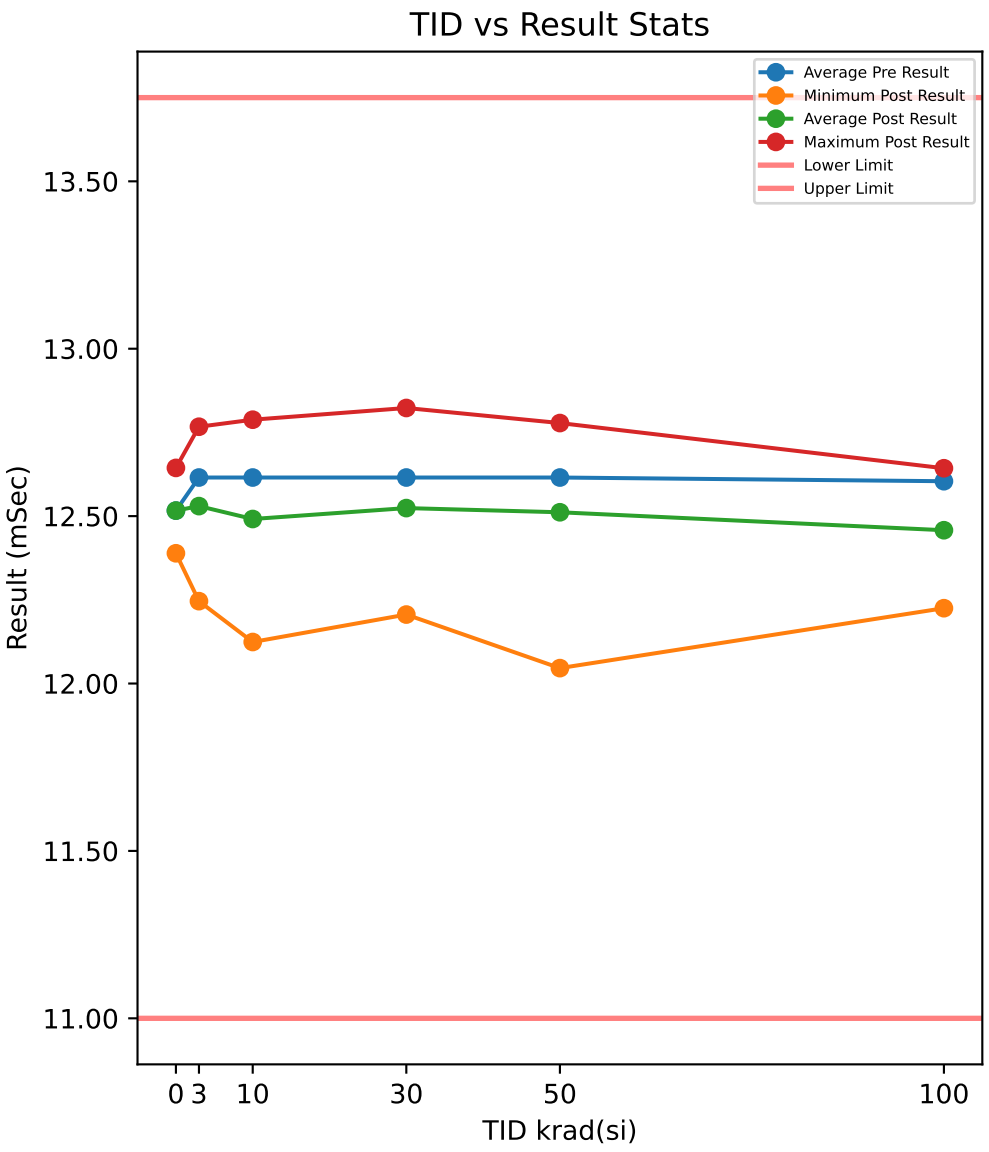
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.503	12.503	0
7	0	Correlation	12.26	12.26	0
16	3	LDR-Biased	12.8	12.224	-0.576
18	3	LDR-Biased	12.709	12.621	-0.088
19	3	LDR-Biased	12.71	12.41	-0.3
20	3	LDR-Biased	12.669	12.366	-0.303
21	3	LDR-Biased	12.255	12.367	0.112
22	3	LDR-Unbiased	12.213	12.731	0.518
23	3	LDR-Unbiased	12.601	12.544	-0.057
25	3	LDR-Unbiased	12.729	12.085	-0.644
26	3	LDR-Unbiased	12.453	12.284	-0.169
27	3	LDR-Unbiased	12.545	12.625	0.08
46	10	LDR-Biased	12.8	12.39	-0.41
48	10	LDR-Biased	12.709	12.768	0.059
49	10	LDR-Biased	12.71	12.56	-0.15
50	10	LDR-Biased	12.669	12.203	-0.466
51	10	LDR-Biased	12.255	12.227	-0.028
52	10	LDR-Unbiased	12.213	12.538	0.325
53	10	LDR-Unbiased	12.601	12.675	0.074
55	10	LDR-Unbiased	12.729	12.232	-0.497
56	10	LDR-Unbiased	12.453	12.301	-0.152
57	10	LDR-Unbiased	12.545	12.753	0.208
76	30	LDR-Biased	12.8	12.411	-0.389
78	30	LDR-Biased	12.709	12.619	-0.09
79	30	LDR-Biased	12.71	12.47	-0.24
80	30	LDR-Biased	12.669	12.203	-0.466
81	30	LDR-Biased	12.255	12.478	0.223
82	30	LDR-Unbiased	12.213	12.668	0.455
83	30	LDR-Unbiased	12.601	12.731	0.13
84	30	LDR-Unbiased	12.545	12.825	0.28
85	30	LDR-Unbiased	12.729	12.063	-0.666
86	30	LDR-Unbiased	12.453	12.504	0.051
87	100	LDR-Biased	12.312	12.433	0.121
88	100	LDR-Biased	12.766	12.625	-0.141
90	100	LDR-Biased	12.725	12.628	-0.097
91	100	LDR-Unbiased	12.233	12.331	0.098
93	100	LDR-Unbiased	12.318	12.373	0.055
94	100	LDR-Unbiased	12.759	12.281	-0.478
95	100	LDR-Unbiased	12.73	12.513	-0.217
96	100	LDR-Unbiased	12.404	12.257	-0.147
106	50	LDR-Biased	12.8	12.222	-0.578
108	50	LDR-Biased	12.709	12.561	-0.148
109	50	LDR-Biased	12.71	12.53	-0.18
110	50	LDR-Biased	12.669	12.237	-0.432
111	50	LDR-Biased	12.255	12.315	0.06
112	50	LDR-Unbiased	12.213	12.55	0.337
113	50	LDR-Unbiased	12.601	12.622	0.021
115	50	LDR-Unbiased	12.729	12.183	-0.546
116	50	LDR-Unbiased	12.453	12.319	-0.134
117	50	LDR-Unbiased	12.545	12.612	0.067

Test Statistics (mSec)

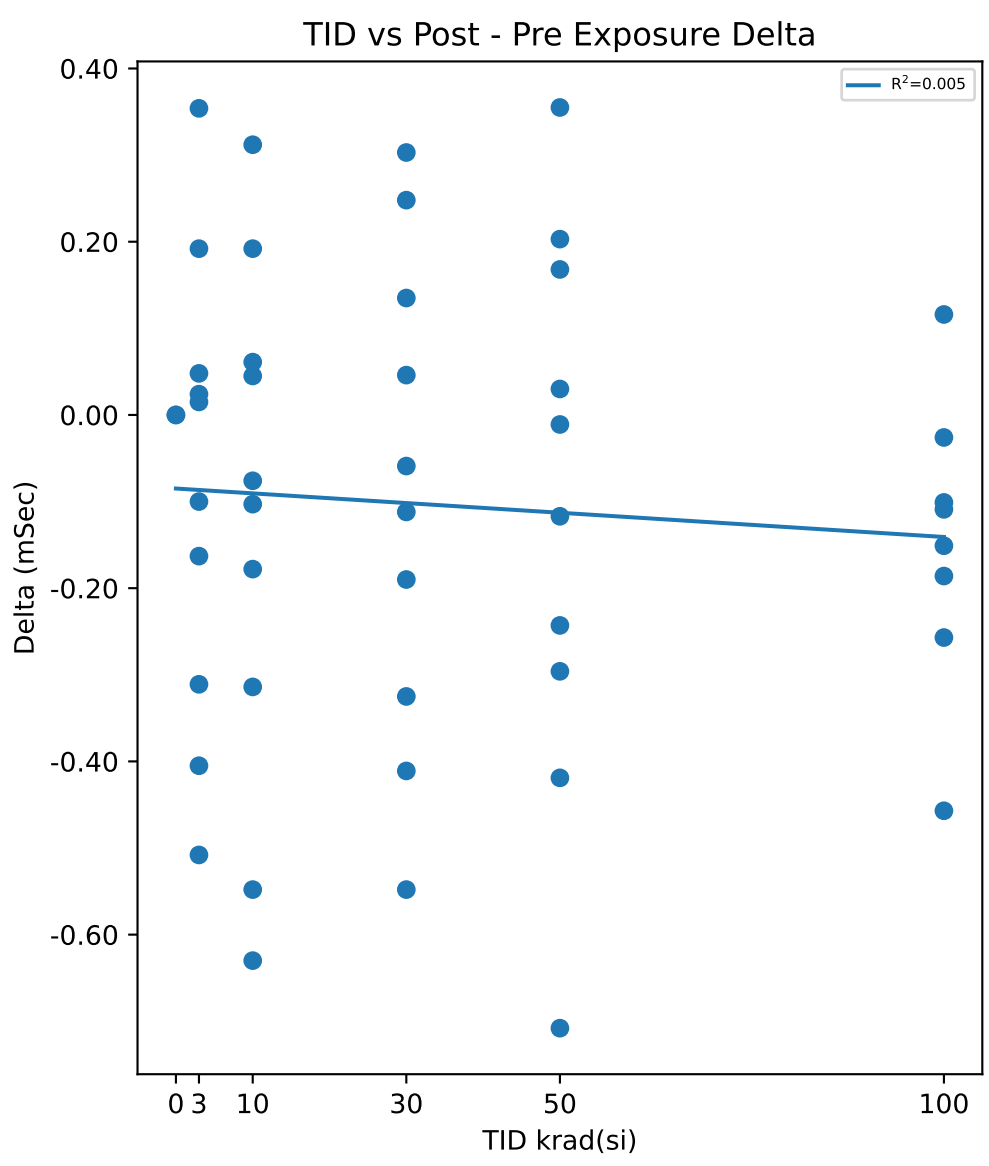
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.26	12.381	12.503	0.17183	12.26	12.381	12.503	0.17183	0	0	0	0
3	12.213	12.568	12.8	0.20244	12.085	12.426	12.731	0.20253	-0.644	-0.1427	0.518	0.34181
10	12.213	12.568	12.8	0.20244	12.203	12.465	12.768	0.22244	-0.497	-0.1037	0.325	0.2846
30	12.213	12.568	12.8	0.20244	12.063	12.497	12.825	0.23328	-0.666	-0.0712	0.455	0.36235
50	12.213	12.568	12.8	0.20244	12.183	12.415	12.622	0.17524	-0.578	-0.1533	0.337	0.29405
100	12.233	12.531	12.766	0.23382	12.257	12.43	12.628	0.14605	-0.478	-0.10075	0.121	0.19732

Device Test: 5.122 tdly_Res619K_EN2_SU/EN2/7/3/619K/0/0/@DLY_TMR_500KOHM



Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

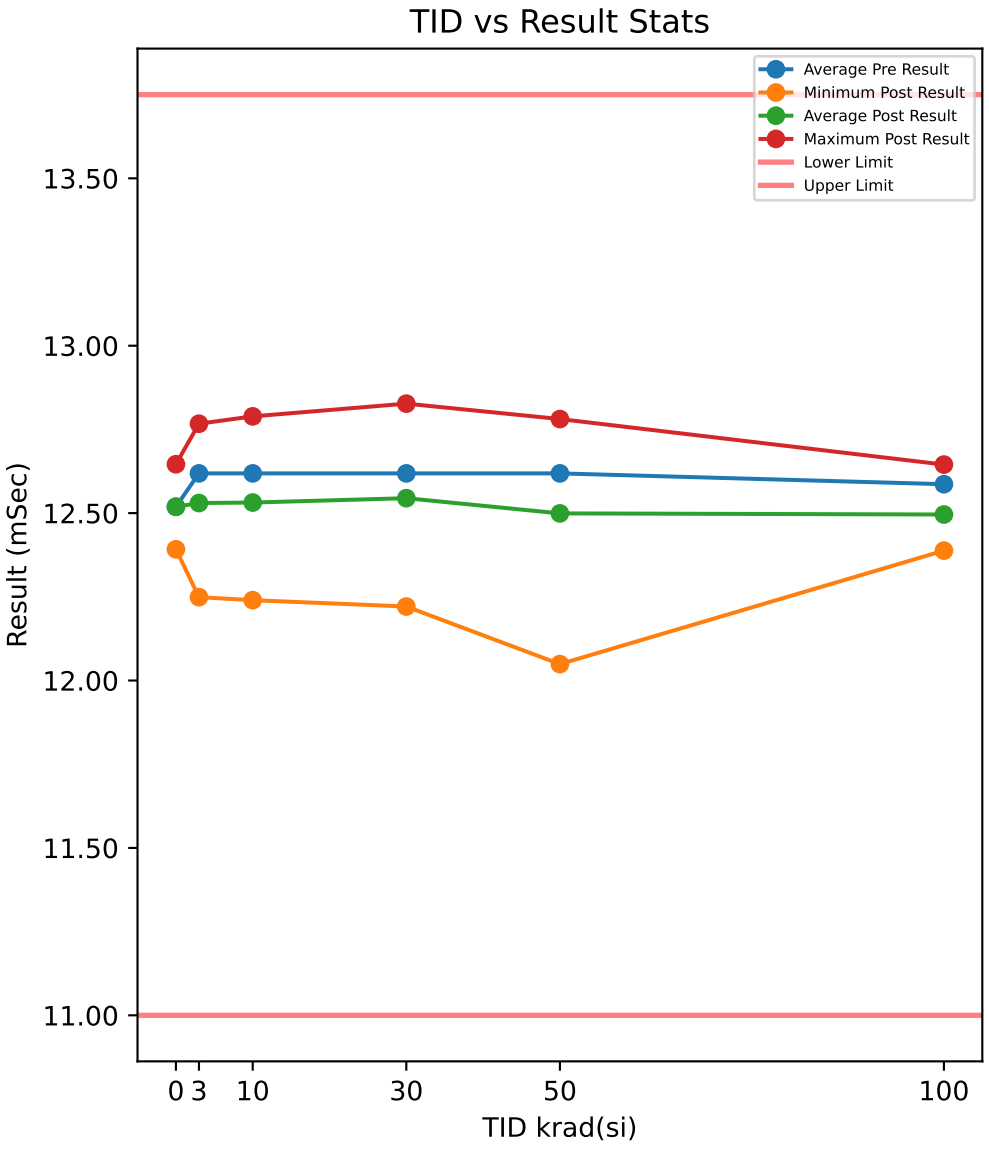
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.644	12.644	0
7	0	Correlation	12.389	12.389	0
16	3	LDR-Biased	12.792	12.387	-0.405
18	3	LDR-Biased	12.743	12.767	0.024
19	3	LDR-Biased	12.742	12.579	-0.163
20	3	LDR-Biased	12.672	12.361	-0.311
21	3	LDR-Biased	12.308	12.356	0.048
22	3	LDR-Unbiased	12.364	12.718	0.354
23	3	LDR-Unbiased	12.764	12.664	-0.1
25	3	LDR-Unbiased	12.754	12.246	-0.508
26	3	LDR-Unbiased	12.439	12.454	0.015
27	3	LDR-Unbiased	12.575	12.767	0.192
46	10	LDR-Biased	12.792	12.244	-0.548
48	10	LDR-Biased	12.743	12.788	0.045
49	10	LDR-Biased	12.742	12.564	-0.178
50	10	LDR-Biased	12.672	12.358	-0.314
51	10	LDR-Biased	12.308	12.369	0.061
52	10	LDR-Unbiased	12.364	12.676	0.312
53	10	LDR-Unbiased	12.764	12.688	-0.076
55	10	LDR-Unbiased	12.754	12.124	-0.63
56	10	LDR-Unbiased	12.439	12.336	-0.103
57	10	LDR-Unbiased	12.575	12.767	0.192
76	30	LDR-Biased	12.792	12.381	-0.411
78	30	LDR-Biased	12.743	12.631	-0.112
79	30	LDR-Biased	12.742	12.552	-0.19
80	30	LDR-Biased	12.672	12.347	-0.325
81	30	LDR-Biased	12.308	12.443	0.135
82	30	LDR-Unbiased	12.364	12.667	0.303
83	30	LDR-Unbiased	12.764	12.705	-0.059
84	30	LDR-Unbiased	12.575	12.823	0.248
85	30	LDR-Unbiased	12.754	12.206	-0.548
86	30	LDR-Unbiased	12.439	12.485	0.046
87	100	LDR-Biased	12.473	12.447	-0.026
88	100	LDR-Biased	12.794	12.643	-0.151
90	100	LDR-Biased	12.742	12.641	-0.101
91	100	LDR-Unbiased	12.369	12.485	0.116
93	100	LDR-Unbiased	12.334	12.225	-0.109
94	100	LDR-Unbiased	12.787	12.33	-0.457
95	100	LDR-Unbiased	12.759	12.502	-0.257
96	100	LDR-Unbiased	12.576	12.39	-0.186
106	50	LDR-Biased	12.792	12.373	-0.419
108	50	LDR-Biased	12.743	12.732	-0.011
109	50	LDR-Biased	12.742	12.499	-0.243
110	50	LDR-Biased	12.672	12.376	-0.296
111	50	LDR-Biased	12.308	12.476	0.168
112	50	LDR-Unbiased	12.364	12.719	0.355
113	50	LDR-Unbiased	12.764	12.647	-0.117
115	50	LDR-Unbiased	12.754	12.046	-0.708
116	50	LDR-Unbiased	12.439	12.469	0.03
117	50	LDR-Unbiased	12.575	12.778	0.203

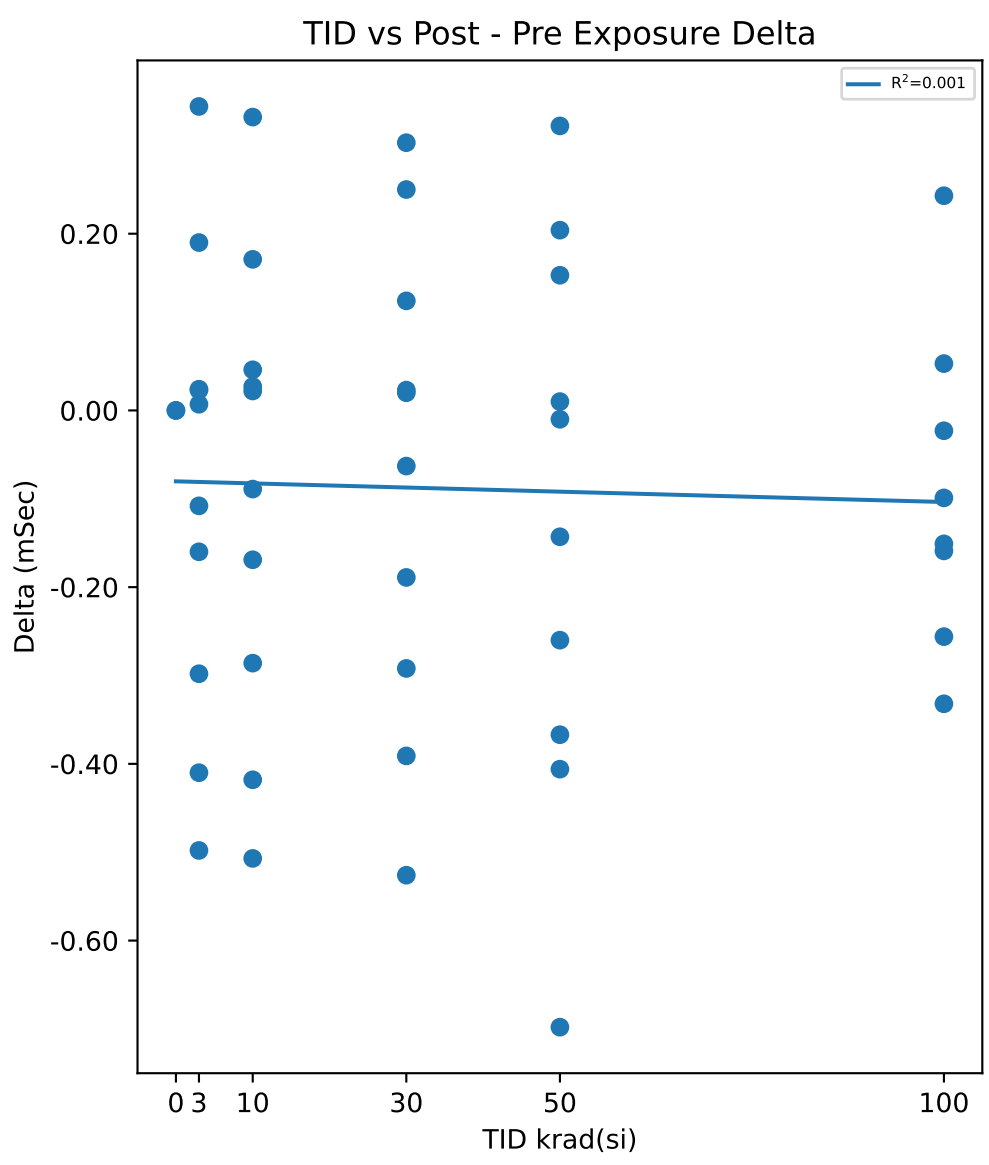


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.389	12.517	12.644	0.18031	12.389	12.517	12.644	0.18031	0	0	0	0
3	12.308	12.615	12.792	0.1821	12.246	12.53	12.767	0.19257	-0.508	-0.0854	0.354	0.26827
10	12.308	12.615	12.792	0.1821	12.124	12.491	12.788	0.23453	-0.63	-0.1239	0.312	0.30374
30	12.308	12.615	12.792	0.1821	12.206	12.524	12.823	0.18733	-0.548	-0.0913	0.303	0.28231
50	12.308	12.615	12.792	0.1821	12.046	12.511	12.778	0.22073	-0.708	-0.1038	0.355	0.32075
100	12.334	12.604	12.794	0.19225	12.225	12.458	12.643	0.14432	-0.457	-0.14638	0.116	0.1678

Device Test: 5.123 tdly_Res619K_EN3_SU/EN3/7/3/619K/0/0/@DLY_TMR_500KOHM





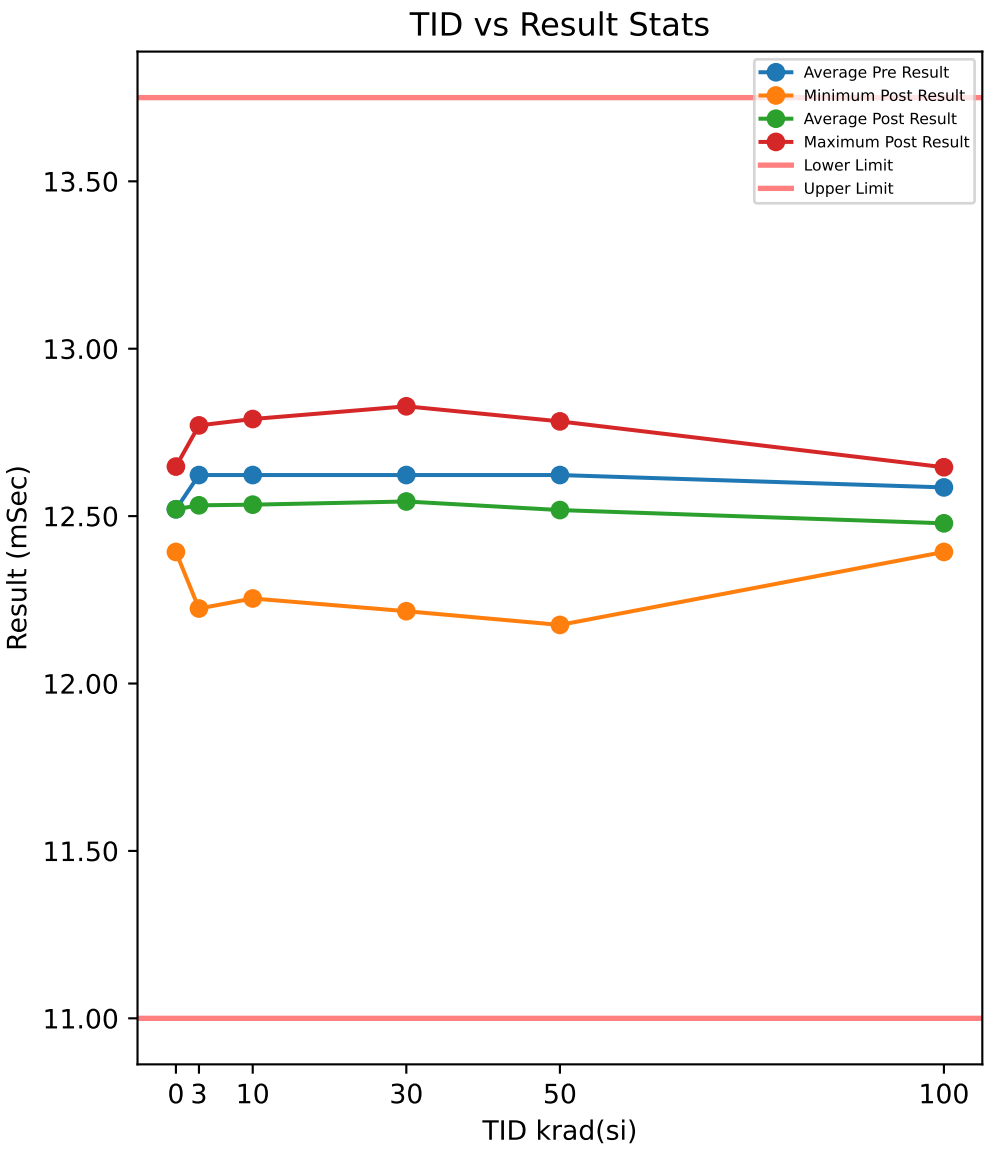
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

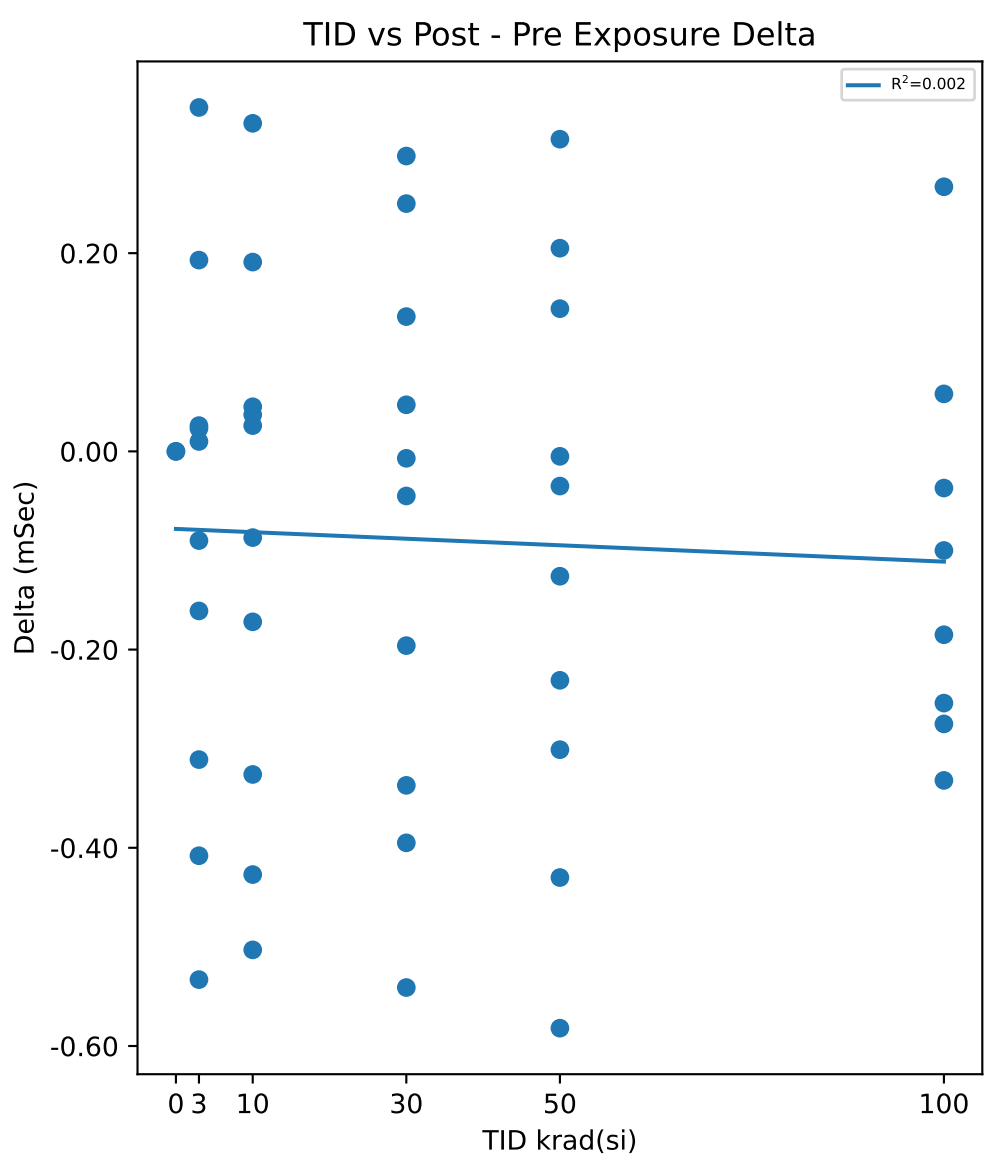
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.646	12.646	0
7	0	Correlation	12.392	12.392	0
16	3	LDR-Biased	12.793	12.383	-0.41
18	3	LDR-Biased	12.743	12.767	0.024
19	3	LDR-Biased	12.743	12.583	-0.16
20	3	LDR-Biased	12.661	12.363	-0.298
21	3	LDR-Biased	12.334	12.357	0.023
22	3	LDR-Unbiased	12.376	12.72	0.344
23	3	LDR-Unbiased	12.766	12.658	-0.108
25	3	LDR-Unbiased	12.747	12.249	-0.498
26	3	LDR-Unbiased	12.447	12.454	0.007
27	3	LDR-Unbiased	12.577	12.767	0.19
46	10	LDR-Biased	12.793	12.375	-0.418
48	10	LDR-Biased	12.743	12.789	0.046
49	10	LDR-Biased	12.743	12.574	-0.169
50	10	LDR-Biased	12.661	12.375	-0.286
51	10	LDR-Biased	12.334	12.356	0.022
52	10	LDR-Unbiased	12.376	12.708	0.332
53	10	LDR-Unbiased	12.766	12.677	-0.089
55	10	LDR-Unbiased	12.747	12.24	-0.507
56	10	LDR-Unbiased	12.447	12.474	0.027
57	10	LDR-Unbiased	12.577	12.748	0.171
76	30	LDR-Biased	12.793	12.402	-0.391
78	30	LDR-Biased	12.743	12.766	0.023
79	30	LDR-Biased	12.743	12.554	-0.189
80	30	LDR-Biased	12.661	12.369	-0.292
81	30	LDR-Biased	12.334	12.458	0.124
82	30	LDR-Unbiased	12.376	12.679	0.303
83	30	LDR-Unbiased	12.766	12.703	-0.063
84	30	LDR-Unbiased	12.577	12.827	0.25
85	30	LDR-Unbiased	12.747	12.221	-0.526
86	30	LDR-Unbiased	12.447	12.467	0.02
87	100	LDR-Biased	12.472	12.449	-0.023
88	100	LDR-Biased	12.794	12.643	-0.151
90	100	LDR-Biased	12.744	12.645	-0.099
91	100	LDR-Unbiased	12.243	12.486	0.243
93	100	LDR-Unbiased	12.335	12.388	0.053
94	100	LDR-Unbiased	12.791	12.459	-0.332
95	100	LDR-Unbiased	12.763	12.507	-0.256
96	100	LDR-Unbiased	12.549	12.39	-0.159
106	50	LDR-Biased	12.793	12.387	-0.406
108	50	LDR-Biased	12.743	12.733	-0.01
109	50	LDR-Biased	12.743	12.376	-0.367
110	50	LDR-Biased	12.661	12.401	-0.26
111	50	LDR-Biased	12.334	12.487	0.153
112	50	LDR-Unbiased	12.376	12.698	0.322
113	50	LDR-Unbiased	12.766	12.623	-0.143
115	50	LDR-Unbiased	12.747	12.049	-0.698
116	50	LDR-Unbiased	12.447	12.457	0.01
117	50	LDR-Unbiased	12.577	12.781	0.204

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.392	12.519	12.646	0.17961	12.392	12.519	12.646	0.17961	0	0	0	0
3	12.334	12.619	12.793	0.17398	12.249	12.53	12.767	0.19201	-0.498	-0.0886	0.344	0.26231
10	12.334	12.619	12.793	0.17398	12.24	12.532	12.789	0.19304	-0.507	-0.0871	0.332	0.26183
30	12.334	12.619	12.793	0.17398	12.221	12.545	12.827	0.19477	-0.526	-0.0741	0.303	0.27289
50	12.334	12.619	12.793	0.17398	12.049	12.499	12.781	0.21882	-0.698	-0.1195	0.322	0.31638
100	12.243	12.586	12.794	0.21928	12.388	12.496	12.645	0.10036	-0.332	-0.0905	0.243	0.18147

Device Test: 5.124 tdly_Res619K_EN4_SU/EN4/7/3/619K/0/0/@DLY_TMR_500KOHM





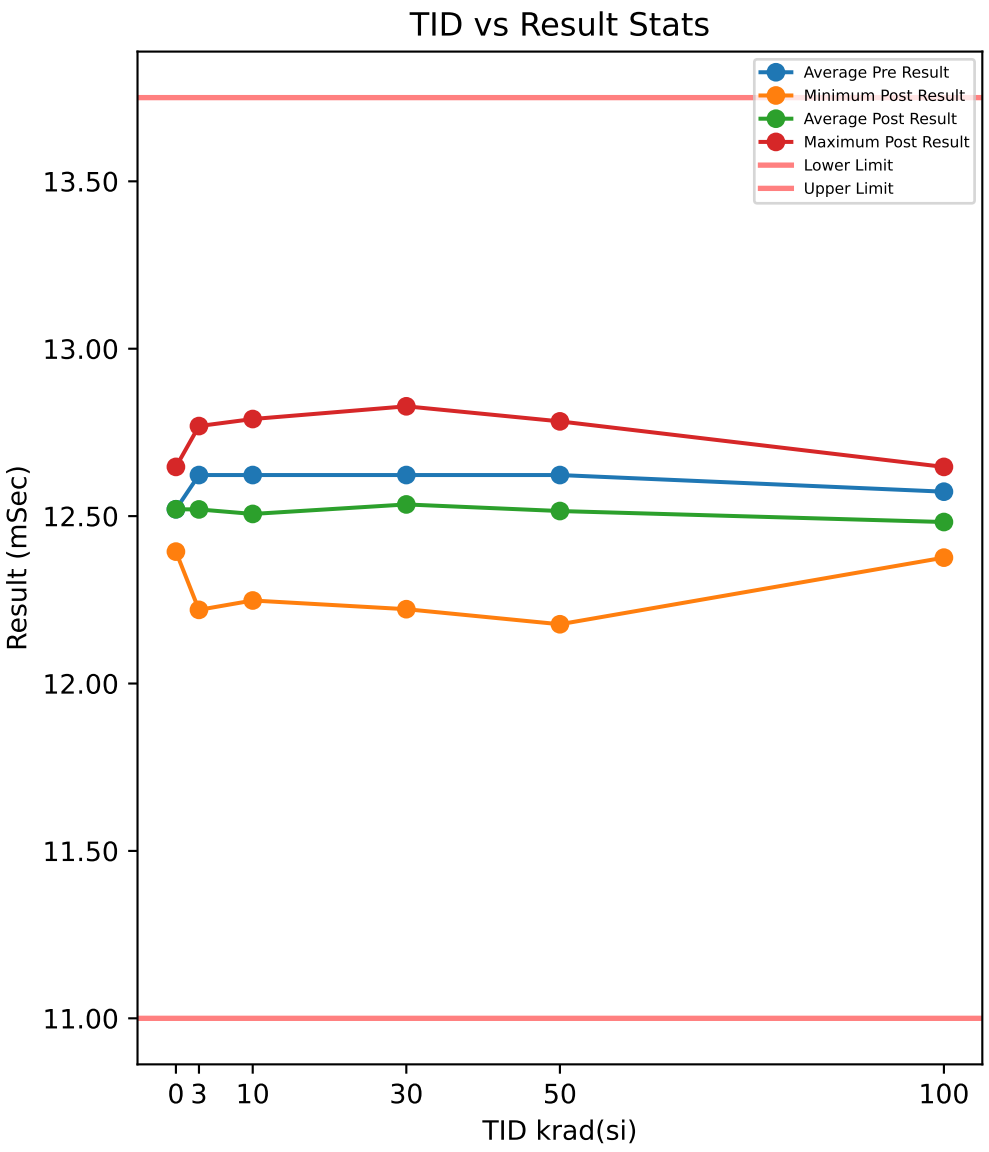
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

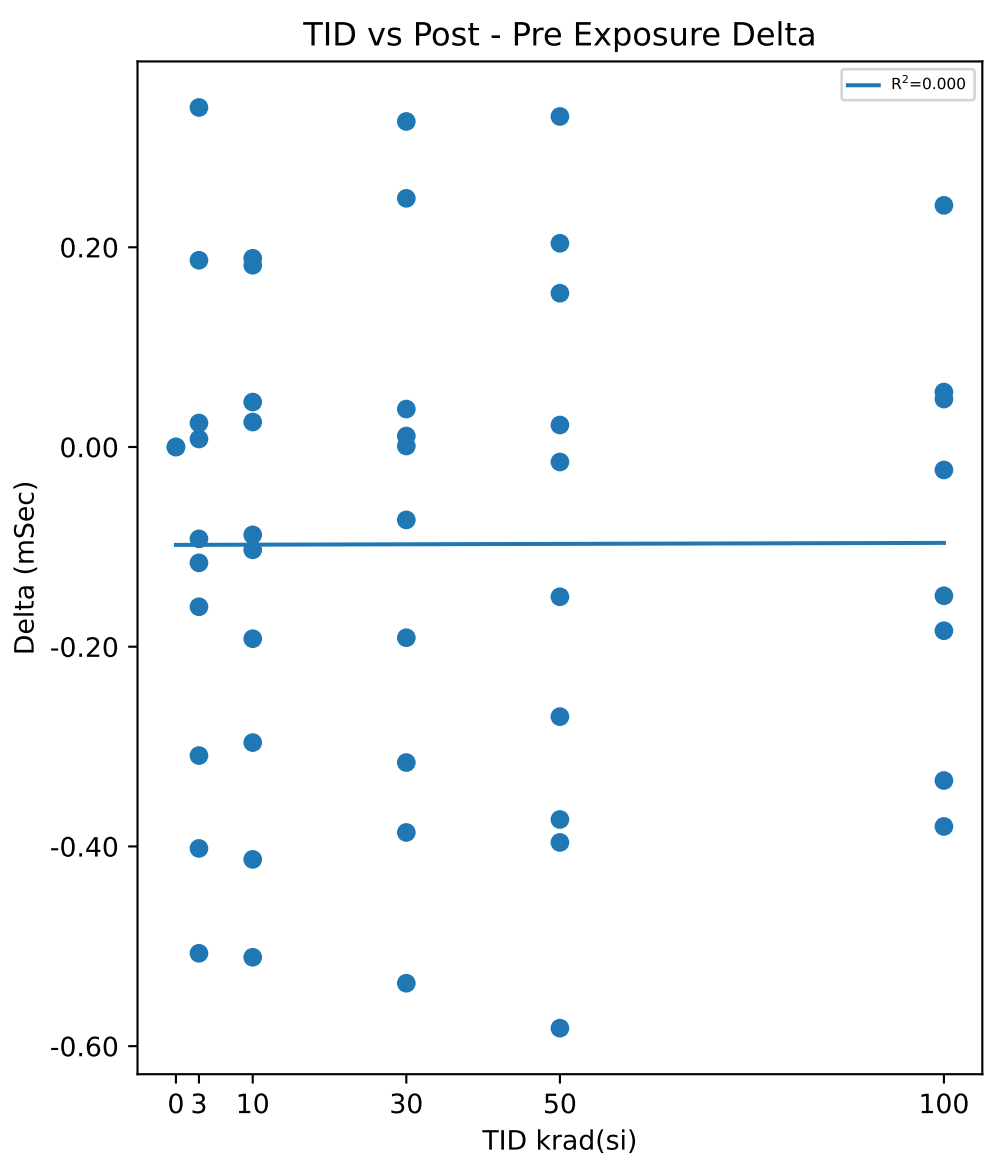
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.648	12.648	0
7	0	Correlation	12.393	12.393	0
16	3	LDR-Biased	12.795	12.387	-0.408
18	3	LDR-Biased	12.745	12.771	0.026
19	3	LDR-Biased	12.746	12.585	-0.161
20	3	LDR-Biased	12.675	12.364	-0.311
21	3	LDR-Biased	12.337	12.36	0.023
22	3	LDR-Unbiased	12.376	12.723	0.347
23	3	LDR-Unbiased	12.771	12.681	-0.09
25	3	LDR-Unbiased	12.757	12.224	-0.533
26	3	LDR-Unbiased	12.447	12.457	0.01
27	3	LDR-Unbiased	12.578	12.771	0.193
46	10	LDR-Biased	12.795	12.368	-0.427
48	10	LDR-Biased	12.745	12.79	0.045
49	10	LDR-Biased	12.746	12.574	-0.172
50	10	LDR-Biased	12.675	12.349	-0.326
51	10	LDR-Biased	12.337	12.374	0.037
52	10	LDR-Unbiased	12.376	12.707	0.331
53	10	LDR-Unbiased	12.771	12.684	-0.087
55	10	LDR-Unbiased	12.757	12.254	-0.503
56	10	LDR-Unbiased	12.447	12.473	0.026
57	10	LDR-Unbiased	12.578	12.769	0.191
76	30	LDR-Biased	12.795	12.4	-0.395
78	30	LDR-Biased	12.745	12.738	-0.007
79	30	LDR-Biased	12.746	12.55	-0.196
80	30	LDR-Biased	12.675	12.338	-0.337
81	30	LDR-Biased	12.337	12.473	0.136
82	30	LDR-Unbiased	12.376	12.674	0.298
83	30	LDR-Unbiased	12.771	12.726	-0.045
84	30	LDR-Unbiased	12.578	12.828	0.25
85	30	LDR-Unbiased	12.757	12.216	-0.541
86	30	LDR-Unbiased	12.447	12.494	0.047
87	100	LDR-Biased	12.475	12.438	-0.037
88	100	LDR-Biased	12.774	12.499	-0.275
90	100	LDR-Biased	12.746	12.646	-0.1
91	100	LDR-Unbiased	12.22	12.487	0.267
93	100	LDR-Unbiased	12.337	12.395	0.058
94	100	LDR-Unbiased	12.794	12.462	-0.332
95	100	LDR-Unbiased	12.762	12.508	-0.254
96	100	LDR-Unbiased	12.578	12.393	-0.185
106	50	LDR-Biased	12.795	12.365	-0.43
108	50	LDR-Biased	12.745	12.71	-0.035
109	50	LDR-Biased	12.746	12.515	-0.231
110	50	LDR-Biased	12.675	12.374	-0.301
111	50	LDR-Biased	12.337	12.481	0.144
112	50	LDR-Unbiased	12.376	12.691	0.315
113	50	LDR-Unbiased	12.771	12.645	-0.126
115	50	LDR-Unbiased	12.757	12.175	-0.582
116	50	LDR-Unbiased	12.447	12.442	-0.005
117	50	LDR-Unbiased	12.578	12.783	0.205

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.393	12.521	12.648	0.18031	12.393	12.521	12.648	0.18031	0	0	0	0
3	12.337	12.623	12.795	0.17574	12.224	12.532	12.771	0.19862	-0.533	-0.0904	0.347	0.2705
10	12.337	12.623	12.795	0.17574	12.254	12.534	12.79	0.19559	-0.503	-0.0885	0.331	0.26886
30	12.337	12.623	12.795	0.17574	12.216	12.544	12.828	0.19626	-0.541	-0.079	0.298	0.28134
50	12.337	12.623	12.795	0.17574	12.175	12.518	12.783	0.18918	-0.582	-0.1046	0.315	0.28622
100	12.22	12.586	12.794	0.22153	12.393	12.479	12.646	0.080724	-0.332	-0.10725	0.267	0.1995

Device Test: 5.125 tdly_Res619K_SEQ_SU/SEQ_DONE/7/3/619K/0/0/@DLY_TMR_500KOHM





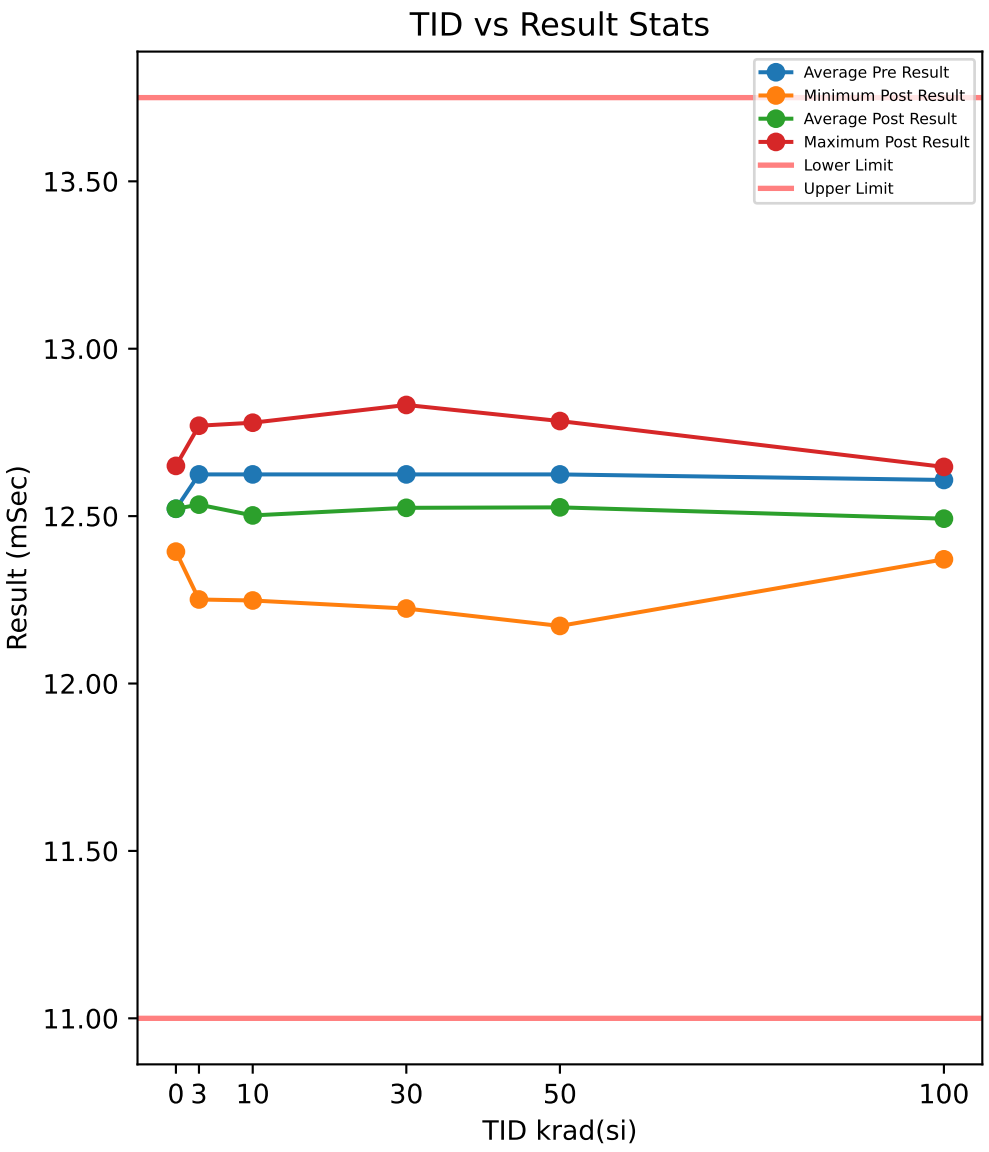
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

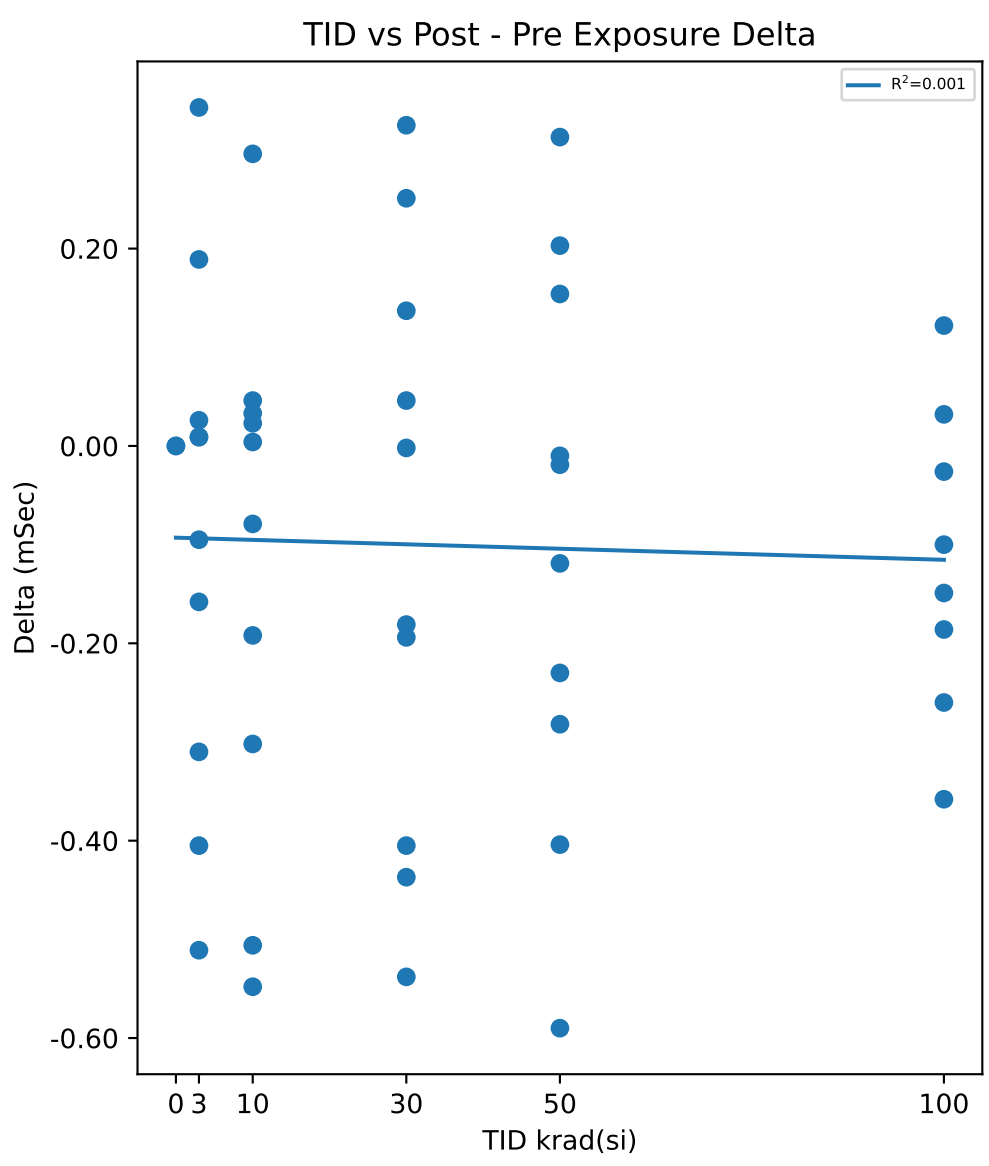
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.647	12.647	0
7	0	Correlation	12.394	12.394	0
16	3	LDR-Biased	12.79	12.388	-0.402
18	3	LDR-Biased	12.745	12.769	0.024
19	3	LDR-Biased	12.746	12.586	-0.16
20	3	LDR-Biased	12.674	12.365	-0.309
21	3	LDR-Biased	12.336	12.22	-0.116
22	3	LDR-Unbiased	12.378	12.718	0.34
23	3	LDR-Unbiased	12.771	12.679	-0.092
25	3	LDR-Unbiased	12.759	12.252	-0.507
26	3	LDR-Unbiased	12.449	12.457	0.008
27	3	LDR-Unbiased	12.579	12.766	0.187
46	10	LDR-Biased	12.79	12.377	-0.413
48	10	LDR-Biased	12.745	12.79	0.045
49	10	LDR-Biased	12.746	12.554	-0.192
50	10	LDR-Biased	12.674	12.378	-0.296
51	10	LDR-Biased	12.336	12.248	-0.088
52	10	LDR-Unbiased	12.378	12.567	0.189
53	10	LDR-Unbiased	12.771	12.668	-0.103
55	10	LDR-Unbiased	12.759	12.248	-0.511
56	10	LDR-Unbiased	12.449	12.474	0.025
57	10	LDR-Unbiased	12.579	12.761	0.182
76	30	LDR-Biased	12.79	12.404	-0.386
78	30	LDR-Biased	12.745	12.756	0.011
79	30	LDR-Biased	12.746	12.555	-0.191
80	30	LDR-Biased	12.674	12.358	-0.316
81	30	LDR-Biased	12.336	12.337	0.001
82	30	LDR-Unbiased	12.378	12.704	0.326
83	30	LDR-Unbiased	12.771	12.698	-0.073
84	30	LDR-Unbiased	12.579	12.828	0.249
85	30	LDR-Unbiased	12.759	12.222	-0.537
86	30	LDR-Unbiased	12.449	12.487	0.038
87	100	LDR-Biased	12.475	12.452	-0.023
88	100	LDR-Biased	12.796	12.647	-0.149
90	100	LDR-Biased	12.598	12.646	0.048
91	100	LDR-Unbiased	12.246	12.488	0.242
93	100	LDR-Unbiased	12.339	12.394	0.055
94	100	LDR-Unbiased	12.796	12.462	-0.334
95	100	LDR-Unbiased	12.756	12.376	-0.38
96	100	LDR-Unbiased	12.578	12.394	-0.184
106	50	LDR-Biased	12.79	12.394	-0.396
108	50	LDR-Biased	12.745	12.73	-0.015
109	50	LDR-Biased	12.746	12.373	-0.373
110	50	LDR-Biased	12.674	12.404	-0.27
111	50	LDR-Biased	12.336	12.49	0.154
112	50	LDR-Unbiased	12.378	12.709	0.331
113	50	LDR-Unbiased	12.771	12.621	-0.15
115	50	LDR-Unbiased	12.759	12.177	-0.582
116	50	LDR-Unbiased	12.449	12.471	0.022
117	50	LDR-Unbiased	12.579	12.783	0.204

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.394	12.521	12.647	0.1789	12.394	12.521	12.647	0.1789	0	0	0	0
3	12.336	12.623	12.79	0.17496	12.22	12.52	12.769	0.21045	-0.507	-0.1027	0.34	0.25978
10	12.336	12.623	12.79	0.17496	12.248	12.506	12.79	0.19582	-0.511	-0.1162	0.189	0.23828
30	12.336	12.623	12.79	0.17496	12.222	12.535	12.828	0.20499	-0.537	-0.0878	0.326	0.27321
50	12.336	12.623	12.79	0.17496	12.177	12.515	12.783	0.19173	-0.582	-0.1075	0.331	0.29629
100	12.246	12.573	12.796	0.2087	12.376	12.482	12.647	0.10835	-0.38	-0.090625	0.242	0.21069

Device Test: 5.126 tdly_Res619K_PWRGD_SU/PWRGD/7/3/619K/0/0/@DLY_TMR_500KOHM





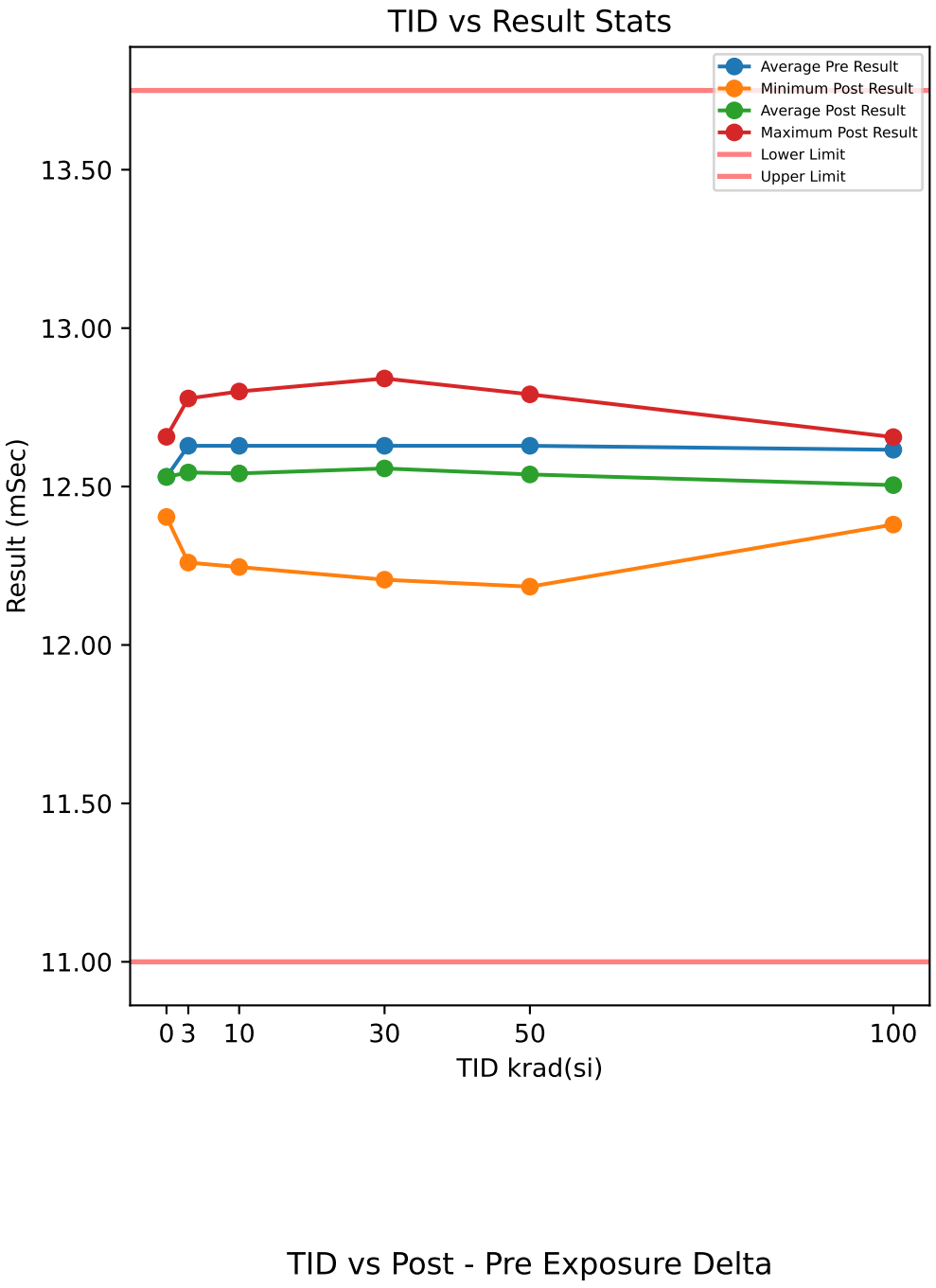
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

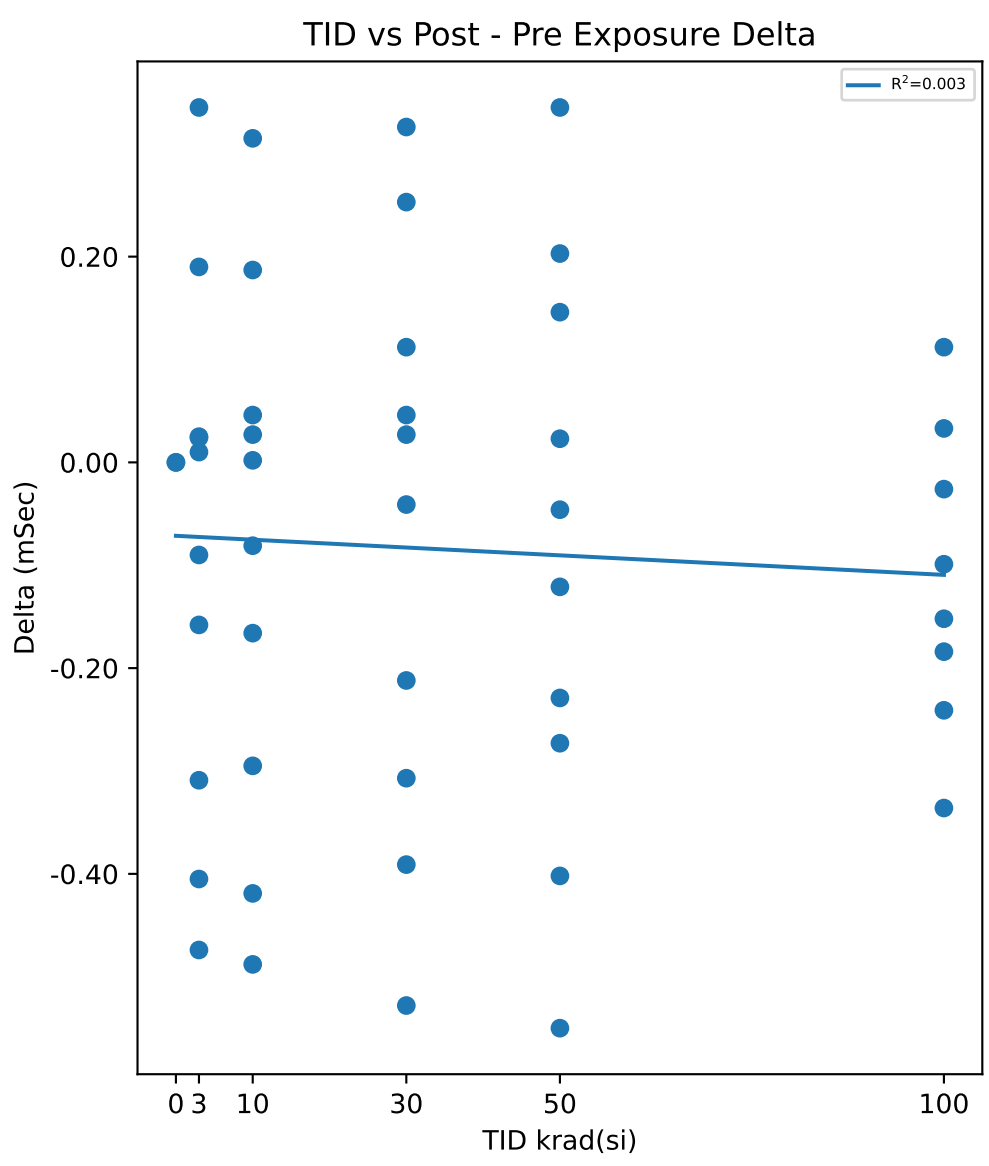
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.65	12.65	0
7	0	Correlation	12.394	12.394	0
16	3	LDR-Biased	12.796	12.391	-0.405
18	3	LDR-Biased	12.746	12.755	0.009
19	3	LDR-Biased	12.746	12.588	-0.158
20	3	LDR-Biased	12.676	12.366	-0.31
21	3	LDR-Biased	12.338	12.364	0.026
22	3	LDR-Unbiased	12.379	12.722	0.343
23	3	LDR-Unbiased	12.773	12.678	-0.095
25	3	LDR-Unbiased	12.762	12.251	-0.511
26	3	LDR-Unbiased	12.449	12.458	0.009
27	3	LDR-Unbiased	12.581	12.77	0.189
46	10	LDR-Biased	12.796	12.248	-0.548
48	10	LDR-Biased	12.746	12.779	0.033
49	10	LDR-Biased	12.746	12.554	-0.192
50	10	LDR-Biased	12.676	12.374	-0.302
51	10	LDR-Biased	12.338	12.361	0.023
52	10	LDR-Unbiased	12.379	12.675	0.296
53	10	LDR-Unbiased	12.773	12.694	-0.079
55	10	LDR-Unbiased	12.762	12.256	-0.506
56	10	LDR-Unbiased	12.449	12.453	0.004
57	10	LDR-Unbiased	12.581	12.627	0.046
76	30	LDR-Biased	12.796	12.391	-0.405
78	30	LDR-Biased	12.746	12.744	-0.002
79	30	LDR-Biased	12.746	12.552	-0.194
80	30	LDR-Biased	12.676	12.239	-0.437
81	30	LDR-Biased	12.338	12.475	0.137
82	30	LDR-Unbiased	12.379	12.704	0.325
83	30	LDR-Unbiased	12.773	12.592	-0.181
84	30	LDR-Unbiased	12.581	12.832	0.251
85	30	LDR-Unbiased	12.762	12.224	-0.538
86	30	LDR-Unbiased	12.449	12.495	0.046
87	100	LDR-Biased	12.477	12.451	-0.026
88	100	LDR-Biased	12.796	12.647	-0.149
90	100	LDR-Biased	12.747	12.647	-0.1
91	100	LDR-Unbiased	12.367	12.489	0.122
93	100	LDR-Unbiased	12.339	12.371	0.032
94	100	LDR-Unbiased	12.795	12.437	-0.358
95	100	LDR-Unbiased	12.764	12.504	-0.26
96	100	LDR-Unbiased	12.579	12.393	-0.186
106	50	LDR-Biased	12.796	12.392	-0.404
108	50	LDR-Biased	12.746	12.727	-0.019
109	50	LDR-Biased	12.746	12.516	-0.23
110	50	LDR-Biased	12.676	12.394	-0.282
111	50	LDR-Biased	12.338	12.492	0.154
112	50	LDR-Unbiased	12.379	12.692	0.313
113	50	LDR-Unbiased	12.773	12.654	-0.119
115	50	LDR-Unbiased	12.762	12.172	-0.59
116	50	LDR-Unbiased	12.449	12.439	-0.01
117	50	LDR-Unbiased	12.581	12.784	0.203

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.394	12.522	12.65	0.18102	12.394	12.522	12.65	0.18102	0	0	0	0
3	12.338	12.625	12.796	0.17562	12.251	12.534	12.77	0.1906	-0.511	-0.0903	0.343	0.26413
10	12.338	12.625	12.796	0.17562	12.248	12.502	12.779	0.19019	-0.548	-0.1225	0.296	0.26498
30	12.338	12.625	12.796	0.17562	12.224	12.525	12.832	0.20364	-0.538	-0.0998	0.325	0.29903
50	12.338	12.625	12.796	0.17562	12.172	12.526	12.784	0.18869	-0.59	-0.0984	0.313	0.28371
100	12.339	12.608	12.796	0.19362	12.371	12.492	12.647	0.10512	-0.358	-0.11562	0.122	0.15684

Device Test: 5.127 tdly_Res619K_EN1_SD/EN1/7/3/619K/0/0/@DLY_TMR_500KOHM





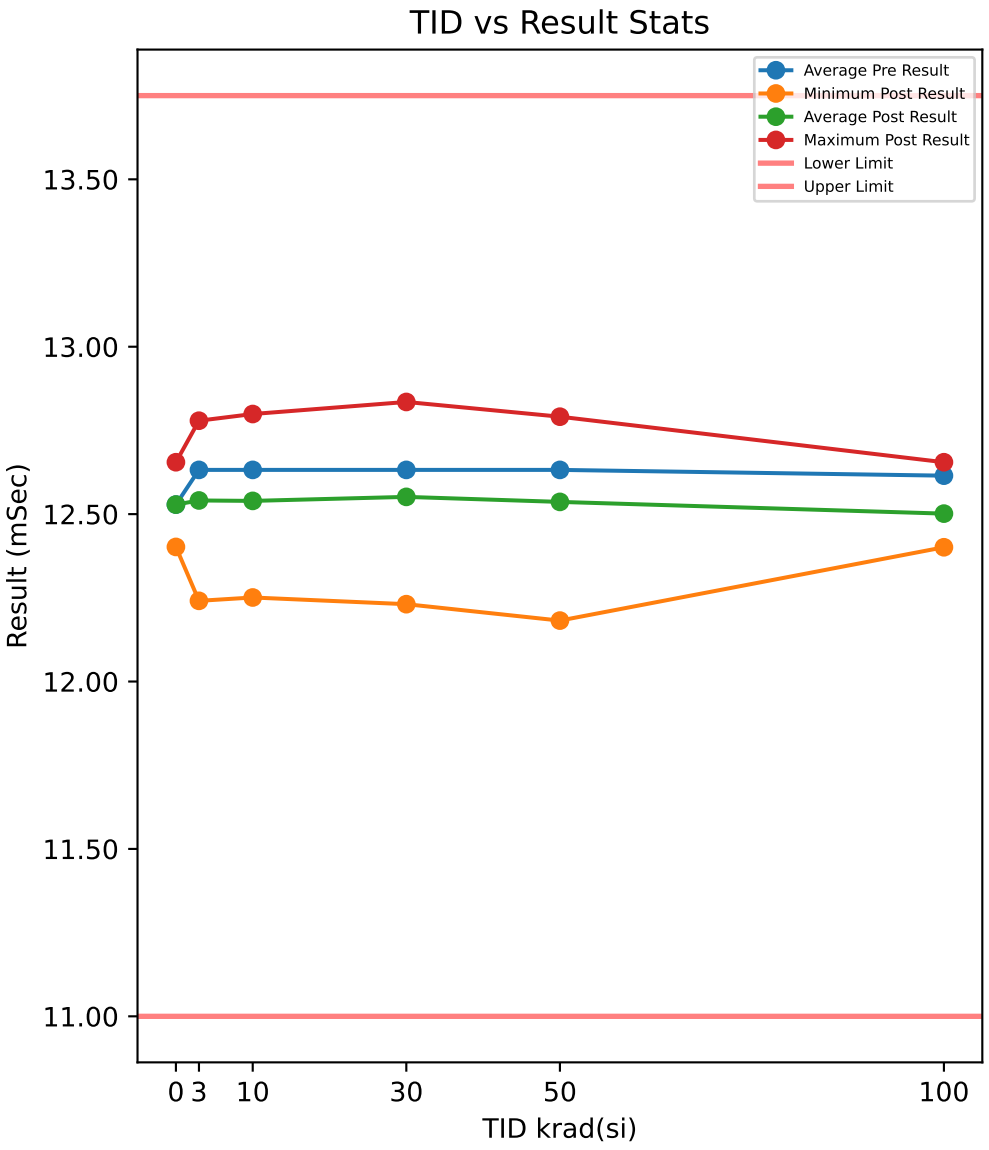
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.657	12.657	0
7	0	Correlation	12.404	12.404	0
16	3	LDR-Biased	12.804	12.399	-0.405
18	3	LDR-Biased	12.754	12.778	0.024
19	3	LDR-Biased	12.753	12.595	-0.158
20	3	LDR-Biased	12.684	12.375	-0.309
21	3	LDR-Biased	12.345	12.37	0.025
22	3	LDR-Unbiased	12.386	12.731	0.345
23	3	LDR-Unbiased	12.782	12.692	-0.09
25	3	LDR-Unbiased	12.734	12.26	-0.474
26	3	LDR-Unbiased	12.456	12.466	0.01
27	3	LDR-Unbiased	12.588	12.778	0.19
46	10	LDR-Biased	12.804	12.385	-0.419
48	10	LDR-Biased	12.754	12.8	0.046
49	10	LDR-Biased	12.753	12.587	-0.166
50	10	LDR-Biased	12.684	12.389	-0.295
51	10	LDR-Biased	12.345	12.372	0.027
52	10	LDR-Unbiased	12.386	12.701	0.315
53	10	LDR-Unbiased	12.782	12.701	-0.081
55	10	LDR-Unbiased	12.734	12.246	-0.488
56	10	LDR-Unbiased	12.456	12.458	0.002
57	10	LDR-Unbiased	12.588	12.775	0.187
76	30	LDR-Biased	12.804	12.413	-0.391
78	30	LDR-Biased	12.754	12.781	0.027
79	30	LDR-Biased	12.753	12.541	-0.212
80	30	LDR-Biased	12.684	12.377	-0.307
81	30	LDR-Biased	12.345	12.457	0.112
82	30	LDR-Unbiased	12.386	12.712	0.326
83	30	LDR-Unbiased	12.782	12.741	-0.041
84	30	LDR-Unbiased	12.588	12.841	0.253
85	30	LDR-Unbiased	12.734	12.206	-0.528
86	30	LDR-Unbiased	12.456	12.502	0.046
87	100	LDR-Biased	12.486	12.46	-0.026
88	100	LDR-Biased	12.807	12.655	-0.152
90	100	LDR-Biased	12.755	12.656	-0.099
91	100	LDR-Unbiased	12.385	12.497	0.112
93	100	LDR-Unbiased	12.347	12.38	0.033
94	100	LDR-Unbiased	12.805	12.469	-0.336
95	100	LDR-Unbiased	12.757	12.516	-0.241
96	100	LDR-Unbiased	12.587	12.403	-0.184
106	50	LDR-Biased	12.804	12.402	-0.402
108	50	LDR-Biased	12.754	12.708	-0.046
109	50	LDR-Biased	12.753	12.524	-0.229
110	50	LDR-Biased	12.684	12.411	-0.273
111	50	LDR-Biased	12.345	12.491	0.146
112	50	LDR-Unbiased	12.386	12.731	0.345
113	50	LDR-Unbiased	12.782	12.661	-0.121
115	50	LDR-Unbiased	12.734	12.184	-0.55
116	50	LDR-Unbiased	12.456	12.479	0.023
117	50	LDR-Unbiased	12.588	12.791	0.203

Test Statistics (mSec)

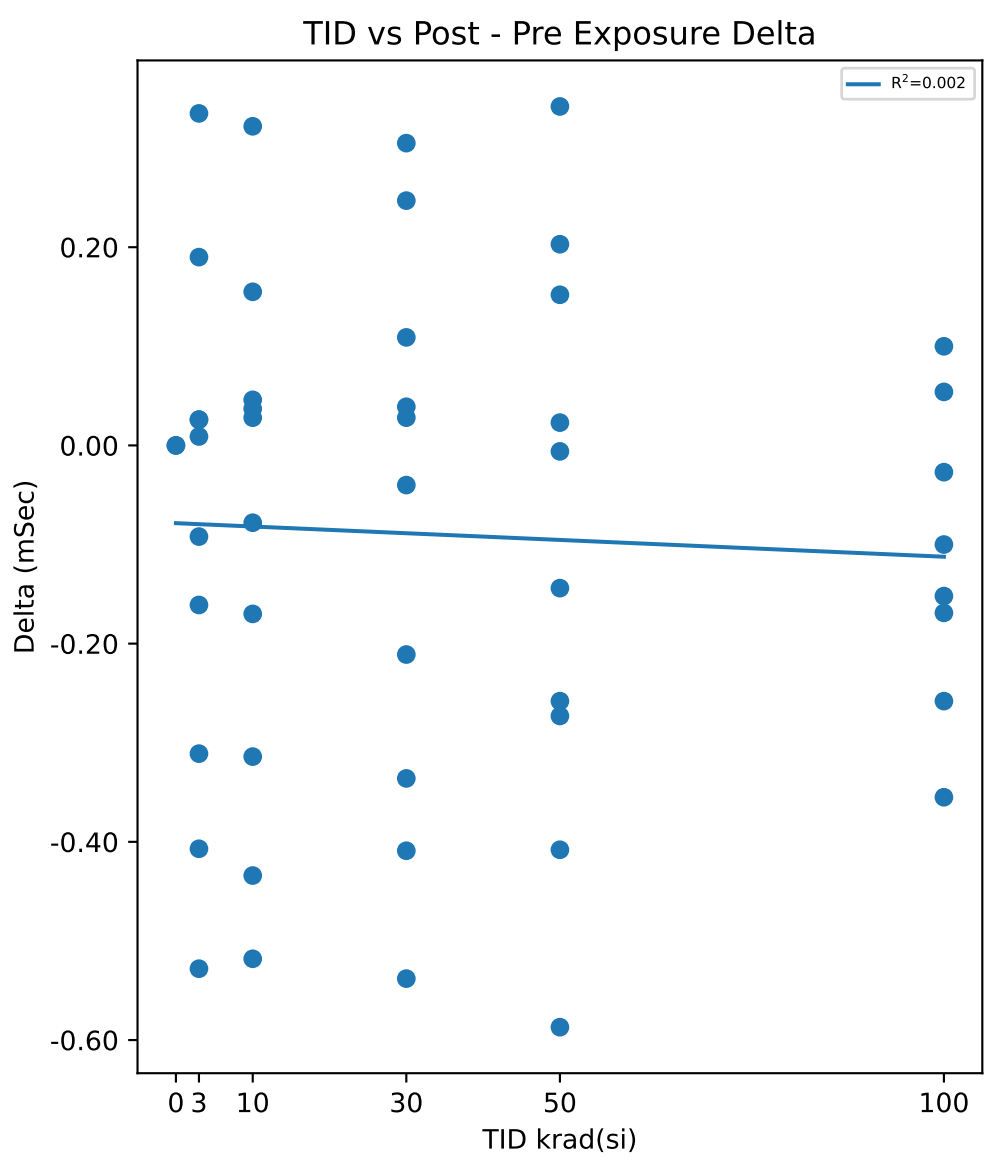
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.404	12.53	12.657	0.1789	12.404	12.53	12.657	0.1789	0	0	0	0
3	12.345	12.629	12.804	0.17333	12.26	12.544	12.778	0.1931	-0.474	-0.0842	0.345	0.2588
10	12.345	12.629	12.804	0.17333	12.246	12.541	12.8	0.19581	-0.488	-0.0872	0.315	0.2573
30	12.345	12.629	12.804	0.17333	12.206	12.557	12.841	0.20503	-0.528	-0.0715	0.326	0.2803
50	12.345	12.629	12.804	0.17333	12.184	12.538	12.791	0.18593	-0.55	-0.0904	0.345	0.28051
100	12.347	12.616	12.807	0.19081	12.38	12.505	12.656	0.1034	-0.336	-0.11162	0.112	0.14753

Device Test: 5.128 tdly_Res619K_EN2_SD/EN2/7/3/619K/0/0/@DLY_TMR_500KOHM



Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

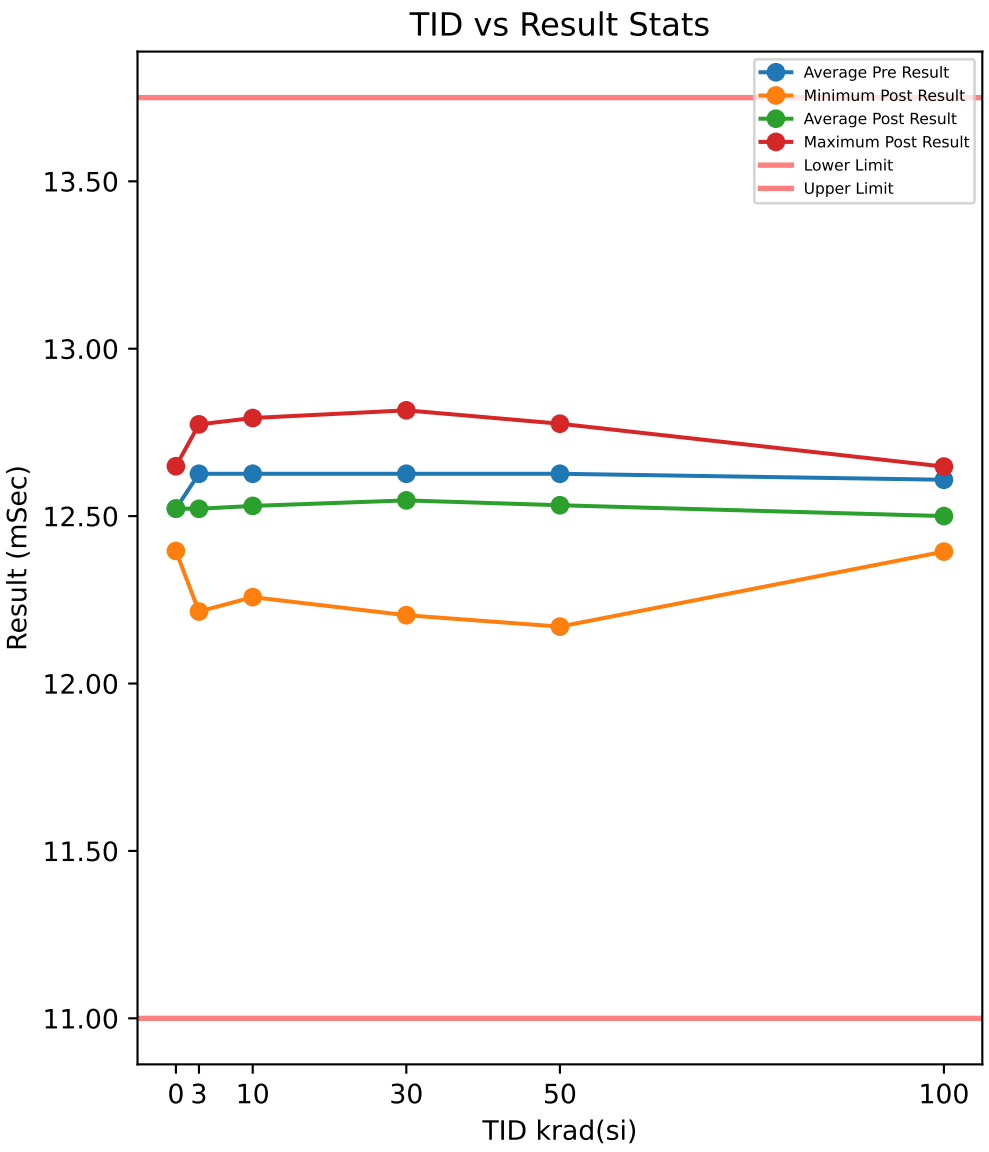
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.655	12.655	0
7	0	Correlation	12.402	12.402	0
16	3	LDR-Biased	12.804	12.397	-0.407
18	3	LDR-Biased	12.753	12.779	0.026
19	3	LDR-Biased	12.755	12.594	-0.161
20	3	LDR-Biased	12.684	12.373	-0.311
21	3	LDR-Biased	12.345	12.371	0.026
22	3	LDR-Unbiased	12.387	12.722	0.335
23	3	LDR-Unbiased	12.78	12.688	-0.092
25	3	LDR-Unbiased	12.769	12.241	-0.528
26	3	LDR-Unbiased	12.456	12.465	0.009
27	3	LDR-Unbiased	12.588	12.778	0.19
46	10	LDR-Biased	12.804	12.37	-0.434
48	10	LDR-Biased	12.753	12.799	0.046
49	10	LDR-Biased	12.755	12.585	-0.17
50	10	LDR-Biased	12.684	12.37	-0.314
51	10	LDR-Biased	12.345	12.382	0.037
52	10	LDR-Unbiased	12.387	12.709	0.322
53	10	LDR-Unbiased	12.78	12.702	-0.078
55	10	LDR-Unbiased	12.769	12.251	-0.518
56	10	LDR-Unbiased	12.456	12.484	0.028
57	10	LDR-Unbiased	12.588	12.743	0.155
76	30	LDR-Biased	12.804	12.395	-0.409
78	30	LDR-Biased	12.753	12.781	0.028
79	30	LDR-Biased	12.755	12.544	-0.211
80	30	LDR-Biased	12.684	12.348	-0.336
81	30	LDR-Biased	12.345	12.454	0.109
82	30	LDR-Unbiased	12.387	12.692	0.305
83	30	LDR-Unbiased	12.78	12.74	-0.04
84	30	LDR-Unbiased	12.588	12.835	0.247
85	30	LDR-Unbiased	12.769	12.231	-0.538
86	30	LDR-Unbiased	12.456	12.495	0.039
87	100	LDR-Biased	12.487	12.46	-0.027
88	100	LDR-Biased	12.805	12.653	-0.152
90	100	LDR-Biased	12.755	12.655	-0.1
91	100	LDR-Unbiased	12.38	12.48	0.1
93	100	LDR-Unbiased	12.347	12.401	0.054
94	100	LDR-Unbiased	12.802	12.447	-0.355
95	100	LDR-Unbiased	12.772	12.514	-0.258
96	100	LDR-Unbiased	12.571	12.402	-0.169
106	50	LDR-Biased	12.804	12.396	-0.408
108	50	LDR-Biased	12.753	12.747	-0.006
109	50	LDR-Biased	12.755	12.497	-0.258
110	50	LDR-Biased	12.684	12.411	-0.273
111	50	LDR-Biased	12.345	12.497	0.152
112	50	LDR-Unbiased	12.387	12.729	0.342
113	50	LDR-Unbiased	12.78	12.636	-0.144
115	50	LDR-Unbiased	12.769	12.182	-0.587
116	50	LDR-Unbiased	12.456	12.479	0.023
117	50	LDR-Unbiased	12.588	12.791	0.203

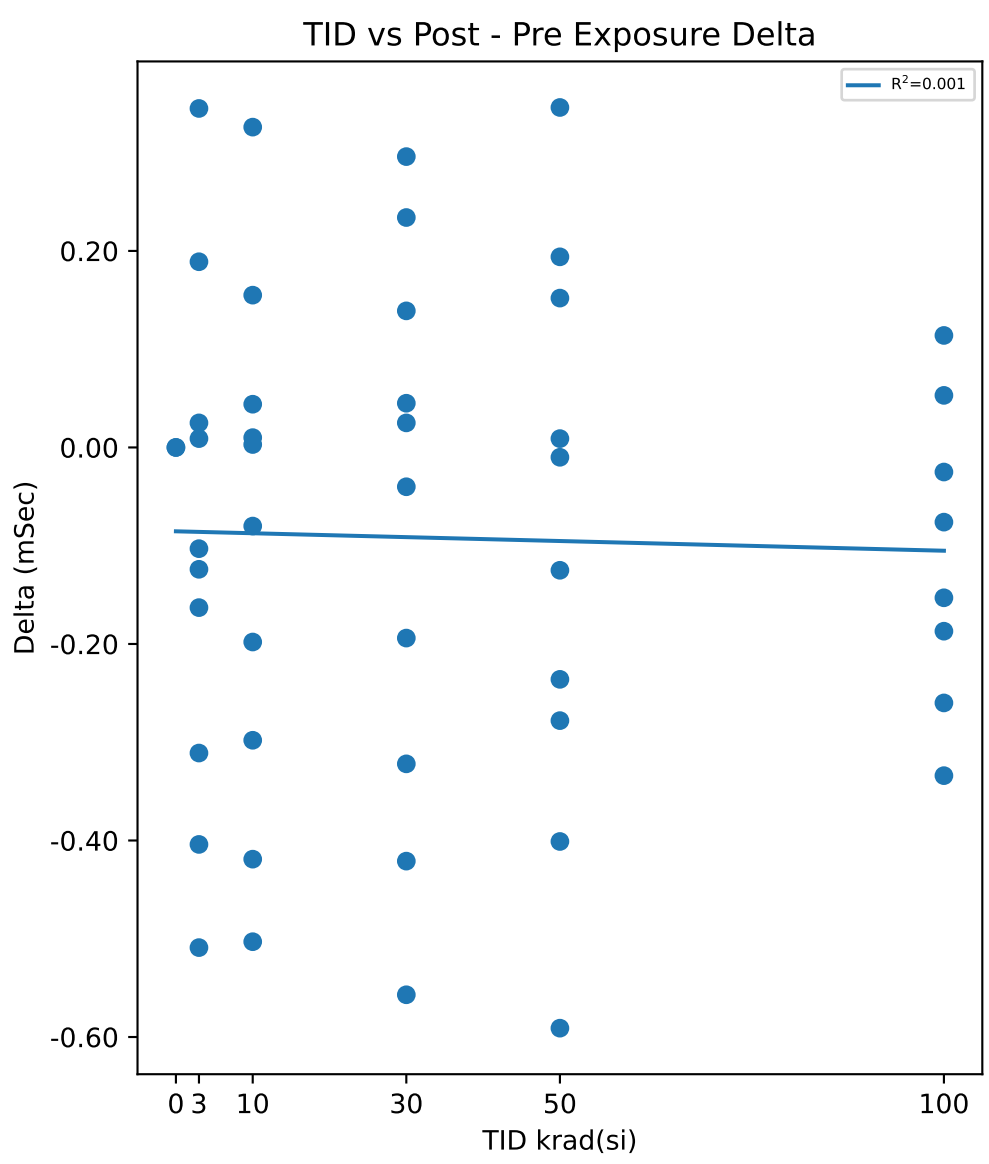


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.402	12.528	12.655	0.1789	12.402	12.528	12.655	0.1789	0	0	0	0
3	12.345	12.632	12.804	0.17576	12.241	12.541	12.779	0.1954	-0.528	-0.0913	0.335	0.26707
10	12.345	12.632	12.804	0.17576	12.251	12.54	12.799	0.1928	-0.518	-0.0926	0.322	0.26593
30	12.345	12.632	12.804	0.17576	12.231	12.552	12.835	0.20268	-0.538	-0.0806	0.305	0.28265
50	12.345	12.632	12.804	0.17576	12.182	12.537	12.791	0.18963	-0.587	-0.0956	0.342	0.29123
100	12.347	12.615	12.805	0.19298	12.401	12.502	12.655	0.1013	-0.355	-0.11338	0.1	0.15356

Device Test: 5.129 tdly_Res619K_EN3_SD/EN3/7/3/619K/0/0/@DLY_TMR_500KOHM





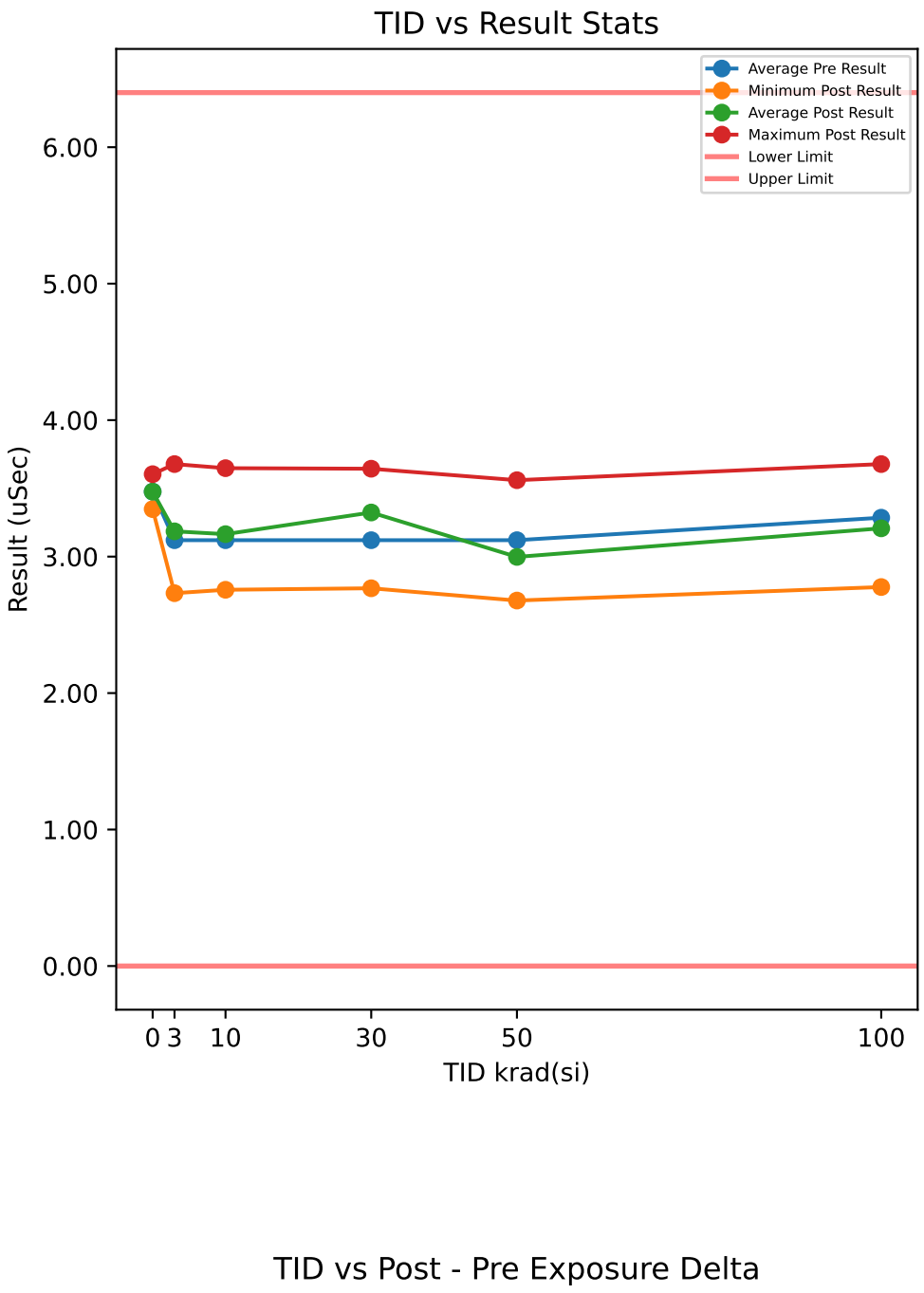
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

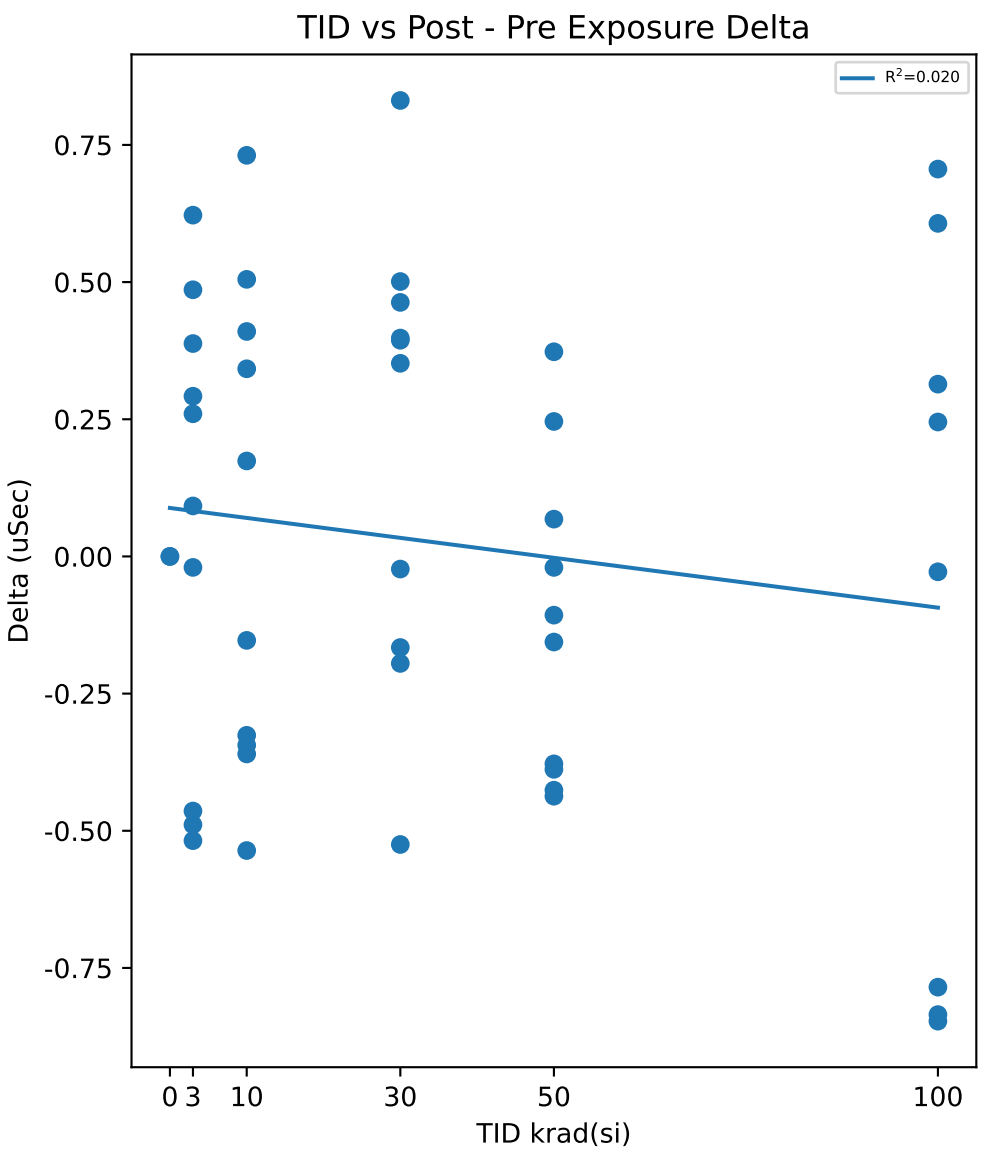
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.649	12.649	0
7	0	Correlation	12.396	12.396	0
16	3	LDR-Biased	12.798	12.394	-0.404
18	3	LDR-Biased	12.749	12.774	0.025
19	3	LDR-Biased	12.751	12.588	-0.163
20	3	LDR-Biased	12.679	12.368	-0.311
21	3	LDR-Biased	12.339	12.215	-0.124
22	3	LDR-Unbiased	12.38	12.725	0.345
23	3	LDR-Unbiased	12.775	12.672	-0.103
25	3	LDR-Unbiased	12.761	12.252	-0.509
26	3	LDR-Unbiased	12.451	12.46	0.009
27	3	LDR-Unbiased	12.582	12.771	0.189
46	10	LDR-Biased	12.798	12.379	-0.419
48	10	LDR-Biased	12.749	12.793	0.044
49	10	LDR-Biased	12.751	12.553	-0.198
50	10	LDR-Biased	12.679	12.381	-0.298
51	10	LDR-Biased	12.339	12.349	0.01
52	10	LDR-Unbiased	12.38	12.706	0.326
53	10	LDR-Unbiased	12.775	12.695	-0.08
55	10	LDR-Unbiased	12.761	12.258	-0.503
56	10	LDR-Unbiased	12.451	12.454	0.003
57	10	LDR-Unbiased	12.582	12.737	0.155
76	30	LDR-Biased	12.798	12.377	-0.421
78	30	LDR-Biased	12.749	12.774	0.025
79	30	LDR-Biased	12.751	12.557	-0.194
80	30	LDR-Biased	12.679	12.357	-0.322
81	30	LDR-Biased	12.339	12.478	0.139
82	30	LDR-Unbiased	12.38	12.676	0.296
83	30	LDR-Unbiased	12.775	12.735	-0.04
84	30	LDR-Unbiased	12.582	12.816	0.234
85	30	LDR-Unbiased	12.761	12.204	-0.557
86	30	LDR-Unbiased	12.451	12.496	0.045
87	100	LDR-Biased	12.479	12.454	-0.025
88	100	LDR-Biased	12.801	12.648	-0.153
90	100	LDR-Biased	12.724	12.648	-0.076
91	100	LDR-Unbiased	12.377	12.491	0.114
93	100	LDR-Unbiased	12.341	12.394	0.053
94	100	LDR-Unbiased	12.798	12.464	-0.334
95	100	LDR-Unbiased	12.765	12.505	-0.26
96	100	LDR-Unbiased	12.584	12.397	-0.187
106	50	LDR-Biased	12.798	12.397	-0.401
108	50	LDR-Biased	12.749	12.739	-0.01
109	50	LDR-Biased	12.751	12.515	-0.236
110	50	LDR-Biased	12.679	12.401	-0.278
111	50	LDR-Biased	12.339	12.491	0.152
112	50	LDR-Unbiased	12.38	12.726	0.346
113	50	LDR-Unbiased	12.775	12.65	-0.125
115	50	LDR-Unbiased	12.761	12.17	-0.591
116	50	LDR-Unbiased	12.451	12.46	0.009
117	50	LDR-Unbiased	12.582	12.776	0.194

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.396	12.523	12.649	0.1789	12.396	12.523	12.649	0.1789	0	0	0	0
3	12.339	12.627	12.798	0.17607	12.215	12.522	12.774	0.21204	-0.509	-0.1046	0.345	0.26196
10	12.339	12.627	12.798	0.17607	12.258	12.53	12.793	0.19098	-0.503	-0.096	0.326	0.25888
30	12.339	12.627	12.798	0.17607	12.204	12.547	12.816	0.20166	-0.557	-0.0795	0.296	0.2851
50	12.339	12.627	12.798	0.17607	12.17	12.533	12.776	0.19077	-0.591	-0.094	0.346	0.28886
100	12.341	12.609	12.801	0.19023	12.394	12.5	12.648	0.099406	-0.334	-0.1085	0.114	0.15379

Device Test: 5.13 tpd_EN2_SU/EN2/1.6/14/0/0/0/@TPD_EN





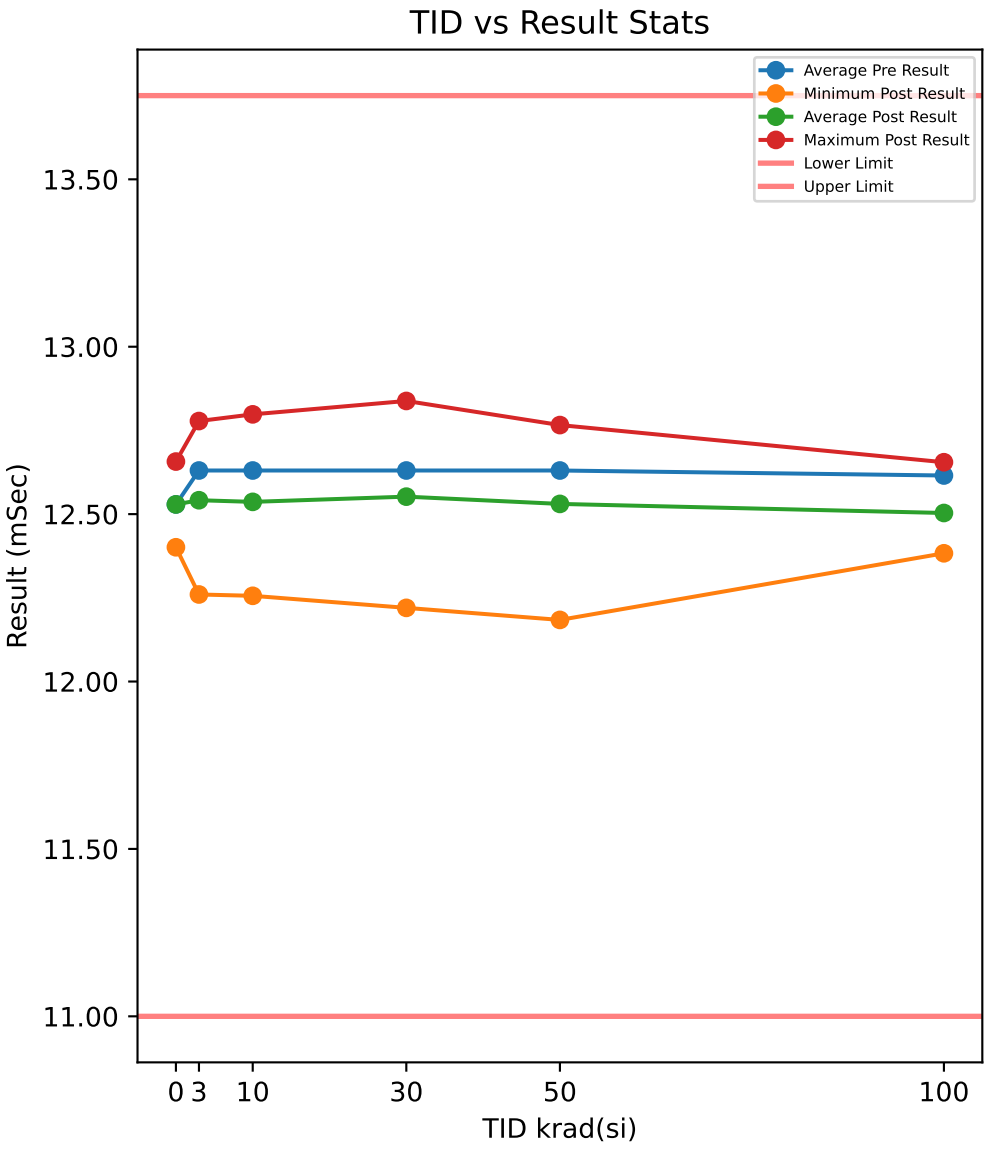
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

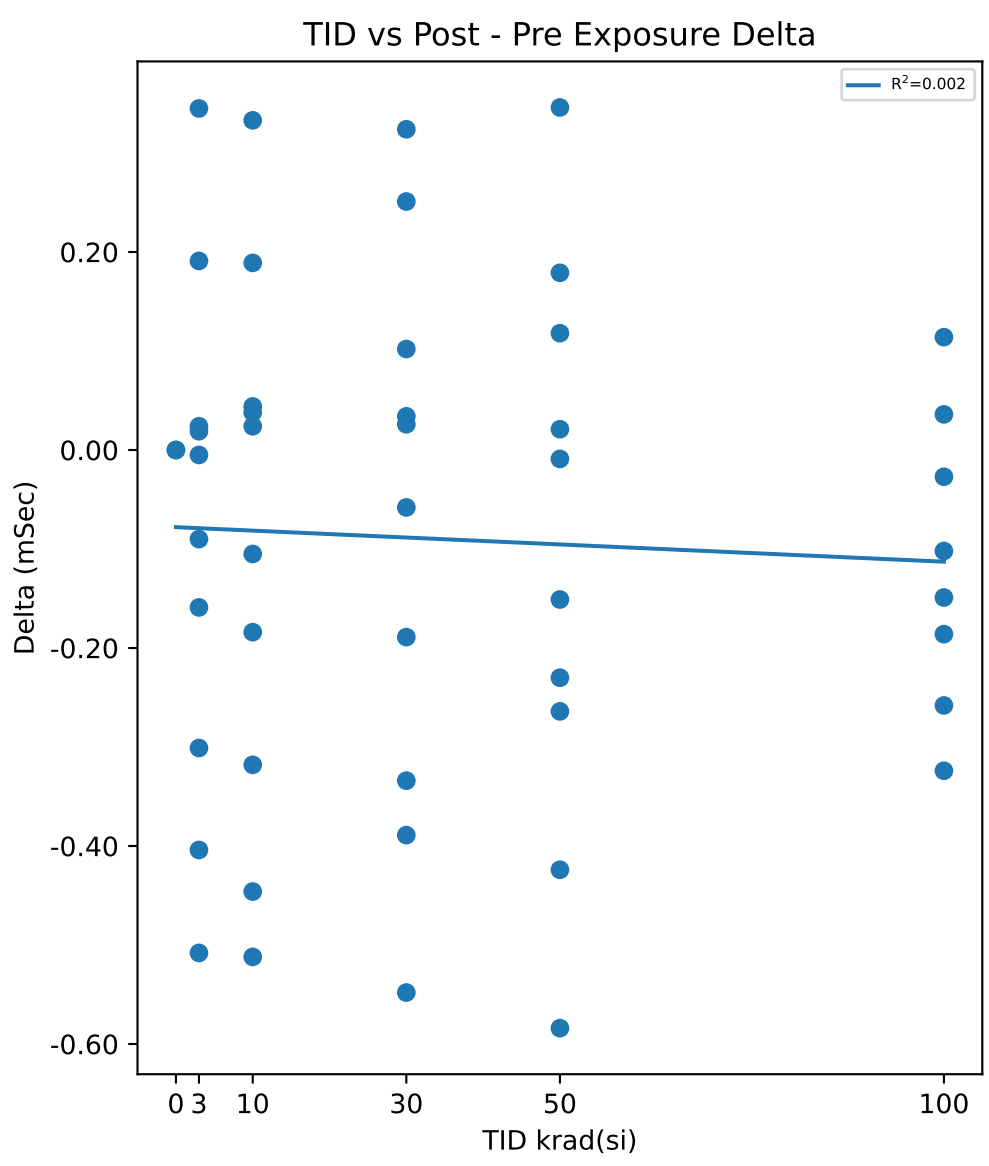
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.604	3.604	0
7	0	Correlation	3.348	3.348	0
16	3	LDR-Biased	3.143	3.123	-0.02
18	3	LDR-Biased	2.8	3.286	0.486
19	3	LDR-Biased	3.196	2.732	-0.464
20	3	LDR-Biased	3.018	3.11	0.092
21	3	LDR-Biased	3.386	2.868	-0.518
22	3	LDR-Unbiased	3.293	3.553	0.26
23	3	LDR-Unbiased	3.314	2.825	-0.489
25	3	LDR-Unbiased	2.882	3.174	0.292
26	3	LDR-Unbiased	3.115	3.503	0.388
27	3	LDR-Unbiased	3.056	3.678	0.622
46	10	LDR-Biased	3.143	3.648	0.505
48	10	LDR-Biased	2.8	3.531	0.731
49	10	LDR-Biased	3.196	2.852	-0.344
50	10	LDR-Biased	3.018	3.36	0.342
51	10	LDR-Biased	3.386	3.026	-0.36
52	10	LDR-Unbiased	3.293	2.757	-0.536
53	10	LDR-Unbiased	3.314	3.161	-0.153
55	10	LDR-Unbiased	2.882	3.292	0.41
56	10	LDR-Unbiased	3.115	2.789	-0.326
57	10	LDR-Unbiased	3.056	3.23	0.174
76	30	LDR-Biased	3.143	3.644	0.501
78	30	LDR-Biased	2.8	3.631	0.831
79	30	LDR-Biased	3.196	3.548	0.352
80	30	LDR-Biased	3.018	3.416	0.398
81	30	LDR-Biased	3.386	3.363	-0.023
82	30	LDR-Unbiased	3.293	2.768	-0.525
83	30	LDR-Unbiased	3.314	3.148	-0.166
84	30	LDR-Unbiased	3.056	3.519	0.463
85	30	LDR-Unbiased	2.882	3.276	0.394
86	30	LDR-Unbiased	3.115	2.92	-0.195
87	100	LDR-Biased	2.937	3.251	0.314
88	100	LDR-Biased	3.685	2.838	-0.847
90	100	LDR-Biased	3.131	3.376	0.245
91	100	LDR-Unbiased	3.628	2.843	-0.785
93	100	LDR-Unbiased	2.797	3.404	0.607
94	100	LDR-Unbiased	3.612	2.777	-0.835
95	100	LDR-Unbiased	3.519	3.491	-0.028
96	100	LDR-Unbiased	2.972	3.678	0.706
106	50	LDR-Biased	3.143	3.211	0.068
108	50	LDR-Biased	2.8	3.173	0.373
109	50	LDR-Biased	3.196	2.818	-0.378
110	50	LDR-Biased	3.018	2.862	-0.156
111	50	LDR-Biased	3.386	2.998	-0.388
112	50	LDR-Unbiased	3.293	2.867	-0.426
113	50	LDR-Unbiased	3.314	3.56	0.246
115	50	LDR-Unbiased	2.882	2.775	-0.107
116	50	LDR-Unbiased	3.115	2.678	-0.437
117	50	LDR-Unbiased	3.056	3.036	-0.02

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.348	3.476	3.604	0.18102	3.348	3.476	3.604	0.18102	0	0	0	0
3	2.8	3.1203	3.386	0.18803	2.732	3.1852	3.678	0.32226	-0.518	0.0649	0.622	0.42374
10	2.8	3.1203	3.386	0.18803	2.757	3.1646	3.648	0.30746	-0.536	0.0443	0.731	0.44096
30	2.8	3.1203	3.386	0.18803	2.768	3.3233	3.644	0.29823	-0.525	0.203	0.831	0.41138
50	2.8	3.1203	3.386	0.18803	2.678	2.9978	3.56	0.26108	-0.437	-0.1225	0.373	0.28988
100	2.797	3.2851	3.685	0.36258	2.777	3.2073	3.678	0.34338	-0.847	-0.077875	0.706	0.65559

Device Test: 5.130 tdly_Res619K_EN4_SD/EN4/7/3/619K/0/0/@DLY_TMR_500KOHM





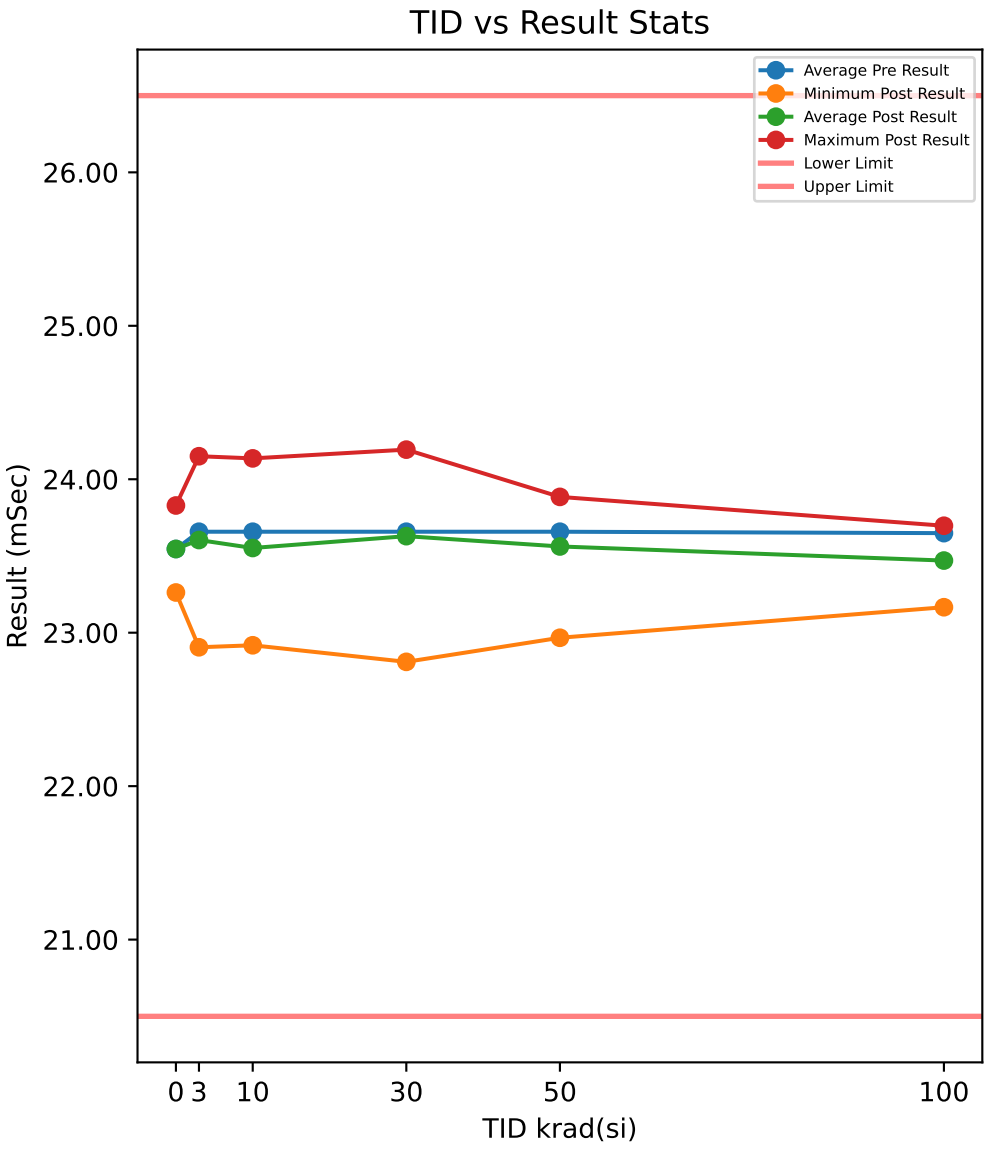
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

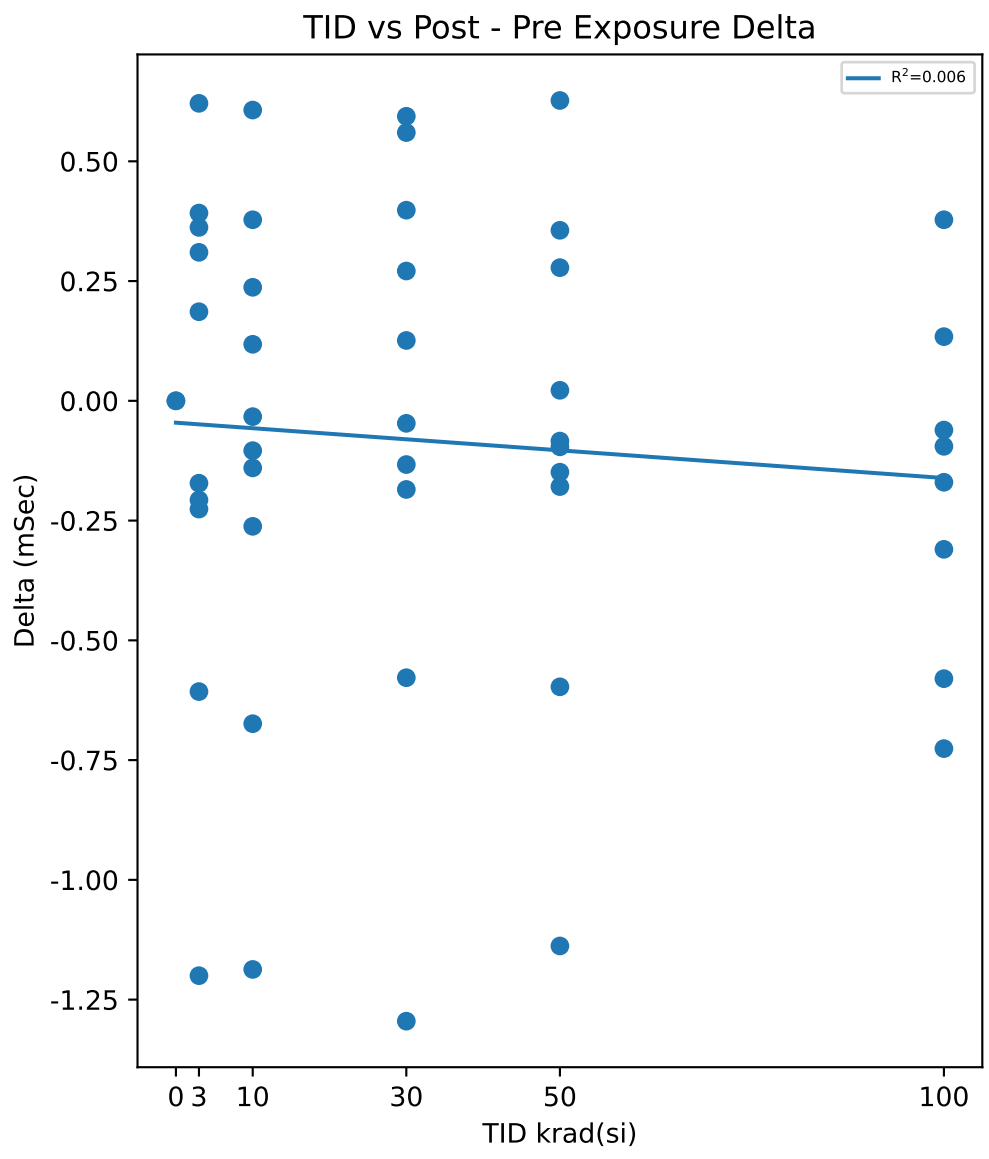
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.657	12.657	0
7	0	Correlation	12.401	12.401	0
16	3	LDR-Biased	12.802	12.398	-0.404
18	3	LDR-Biased	12.754	12.778	0.024
19	3	LDR-Biased	12.752	12.593	-0.159
20	3	LDR-Biased	12.674	12.373	-0.301
21	3	LDR-Biased	12.344	12.363	0.019
22	3	LDR-Unbiased	12.385	12.73	0.345
23	3	LDR-Unbiased	12.78	12.69	-0.09
25	3	LDR-Unbiased	12.768	12.26	-0.508
26	3	LDR-Unbiased	12.457	12.452	-0.005
27	3	LDR-Unbiased	12.587	12.778	0.191
46	10	LDR-Biased	12.802	12.356	-0.446
48	10	LDR-Biased	12.754	12.798	0.044
49	10	LDR-Biased	12.752	12.568	-0.184
50	10	LDR-Biased	12.674	12.356	-0.318
51	10	LDR-Biased	12.344	12.382	0.038
52	10	LDR-Unbiased	12.385	12.718	0.333
53	10	LDR-Unbiased	12.78	12.675	-0.105
55	10	LDR-Unbiased	12.768	12.256	-0.512
56	10	LDR-Unbiased	12.457	12.481	0.024
57	10	LDR-Unbiased	12.587	12.776	0.189
76	30	LDR-Biased	12.802	12.413	-0.389
78	30	LDR-Biased	12.754	12.78	0.026
79	30	LDR-Biased	12.752	12.563	-0.189
80	30	LDR-Biased	12.674	12.34	-0.334
81	30	LDR-Biased	12.344	12.446	0.102
82	30	LDR-Unbiased	12.385	12.709	0.324
83	30	LDR-Unbiased	12.78	12.722	-0.058
84	30	LDR-Unbiased	12.587	12.838	0.251
85	30	LDR-Unbiased	12.768	12.22	-0.548
86	30	LDR-Unbiased	12.457	12.491	0.034
87	100	LDR-Biased	12.486	12.459	-0.027
88	100	LDR-Biased	12.804	12.655	-0.149
90	100	LDR-Biased	12.756	12.654	-0.102
91	100	LDR-Unbiased	12.382	12.496	0.114
93	100	LDR-Unbiased	12.347	12.383	0.036
94	100	LDR-Unbiased	12.788	12.464	-0.324
95	100	LDR-Unbiased	12.773	12.515	-0.258
96	100	LDR-Unbiased	12.587	12.401	-0.186
106	50	LDR-Biased	12.802	12.378	-0.424
108	50	LDR-Biased	12.754	12.745	-0.009
109	50	LDR-Biased	12.752	12.522	-0.23
110	50	LDR-Biased	12.674	12.41	-0.264
111	50	LDR-Biased	12.344	12.462	0.118
112	50	LDR-Unbiased	12.385	12.731	0.346
113	50	LDR-Unbiased	12.78	12.629	-0.151
115	50	LDR-Unbiased	12.768	12.184	-0.584
116	50	LDR-Unbiased	12.457	12.478	0.021
117	50	LDR-Unbiased	12.587	12.766	0.179

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.401	12.529	12.657	0.18102	12.401	12.529	12.657	0.18102	0	0	0	0
3	12.344	12.63	12.802	0.17541	12.26	12.541	12.778	0.19442	-0.508	-0.0888	0.345	0.26307
10	12.344	12.63	12.802	0.17541	12.256	12.537	12.798	0.1971	-0.512	-0.0937	0.333	0.27281
30	12.344	12.63	12.802	0.17541	12.22	12.552	12.838	0.20464	-0.548	-0.0781	0.324	0.28313
50	12.344	12.63	12.802	0.17541	12.184	12.53	12.766	0.1876	-0.584	-0.0998	0.346	0.28535
100	12.347	12.615	12.804	0.1905	12.383	12.503	12.655	0.10307	-0.324	-0.112	0.114	0.14804

Device Test: 5.131 tdly_Res1p18M_EN1_SU/EN1/7/3/1.18M/0/0/@DLY_TMR_1MOHM





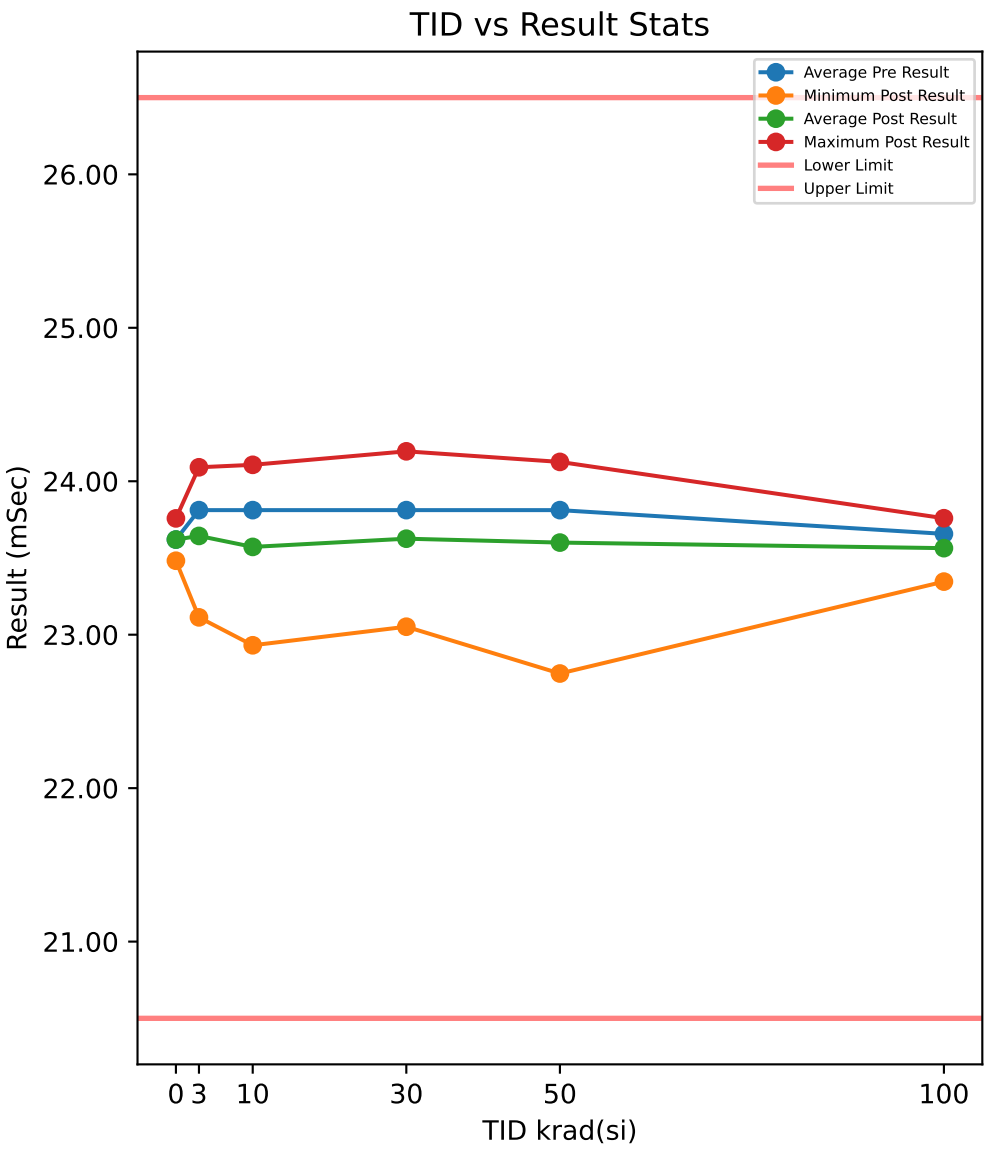
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

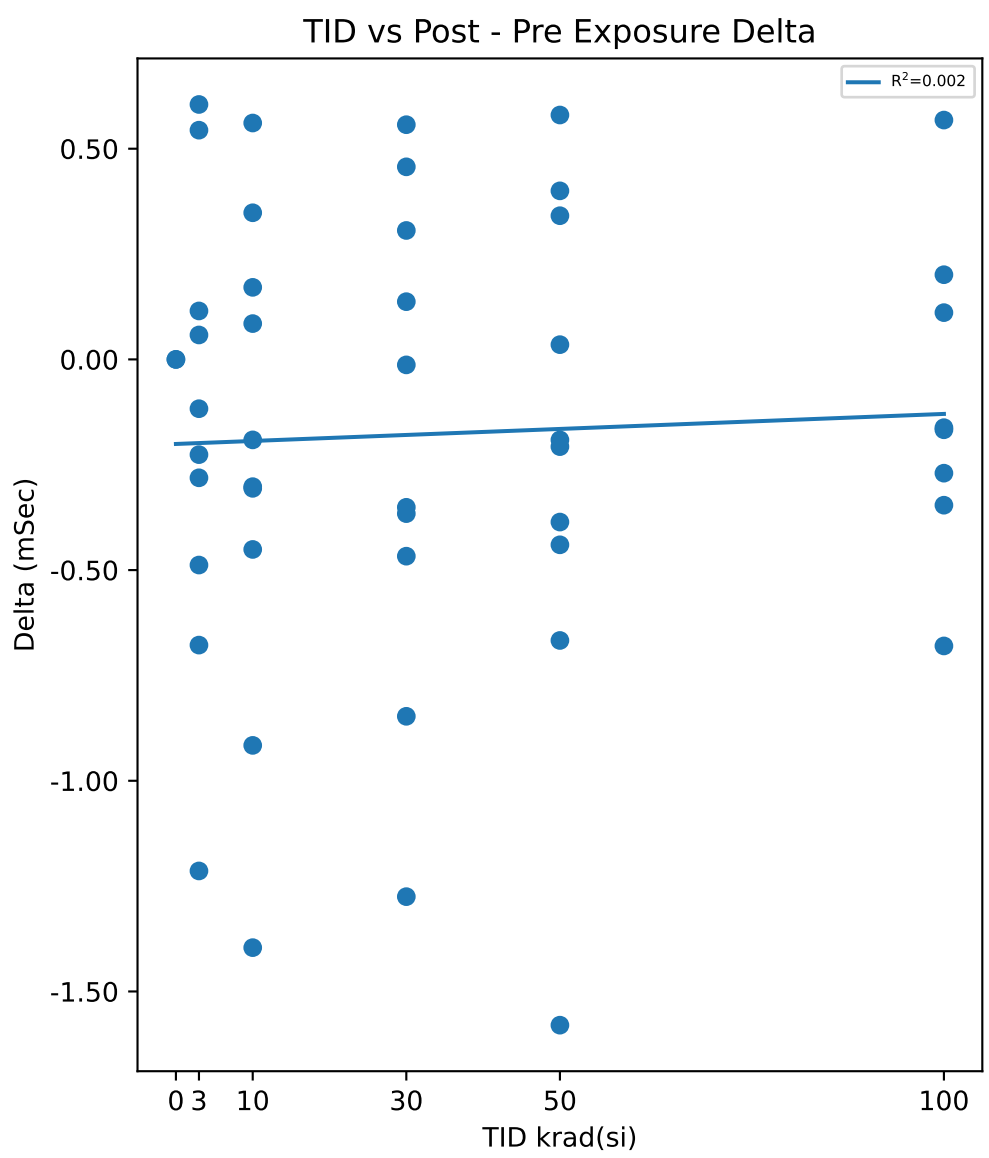
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.829	23.829	0
7	0	Correlation	23.262	23.262	0
16	3	LDR-Biased	24.028	23.421	-0.607
18	3	LDR-Biased	23.709	24.071	0.362
19	3	LDR-Biased	23.836	23.61	-0.226
20	3	LDR-Biased	23.575	23.403	-0.172
21	3	LDR-Biased	23.033	23.425	0.392
22	3	LDR-Unbiased	23.353	23.663	0.31
23	3	LDR-Unbiased	23.922	24.108	0.186
25	3	LDR-Unbiased	24.105	22.905	-1.2
26	3	LDR-Unbiased	23.49	23.283	-0.207
27	3	LDR-Unbiased	23.529	24.15	0.621
46	10	LDR-Biased	24.028	23.354	-0.674
48	10	LDR-Biased	23.709	24.087	0.378
49	10	LDR-Biased	23.836	23.574	-0.262
50	10	LDR-Biased	23.575	23.435	-0.14
51	10	LDR-Biased	23.033	23.151	0.118
52	10	LDR-Unbiased	23.353	23.59	0.237
53	10	LDR-Unbiased	23.922	23.889	-0.033
55	10	LDR-Unbiased	24.105	22.918	-1.187
56	10	LDR-Unbiased	23.49	23.386	-0.104
57	10	LDR-Unbiased	23.529	24.136	0.607
76	30	LDR-Biased	24.028	23.45	-0.578
78	30	LDR-Biased	23.709	23.835	0.126
79	30	LDR-Biased	23.836	23.789	-0.047
80	30	LDR-Biased	23.575	23.39	-0.185
81	30	LDR-Biased	23.033	23.627	0.594
82	30	LDR-Unbiased	23.353	23.913	0.56
83	30	LDR-Unbiased	23.922	24.193	0.271
84	30	LDR-Unbiased	23.529	23.927	0.398
85	30	LDR-Unbiased	24.105	22.81	-1.295
86	30	LDR-Unbiased	23.49	23.357	-0.133
87	100	LDR-Biased	23.585	23.524	-0.061
88	100	LDR-Biased	24.056	23.476	-0.58
90	100	LDR-Biased	23.639	23.469	-0.17
91	100	LDR-Unbiased	23.31	23.688	0.378
93	100	LDR-Unbiased	23.032	23.166	0.134
94	100	LDR-Unbiased	24.034	23.308	-0.726
95	100	LDR-Unbiased	24.007	23.697	-0.31
96	100	LDR-Unbiased	23.528	23.433	-0.095
106	50	LDR-Biased	24.028	23.431	-0.597
108	50	LDR-Biased	23.709	23.731	0.022
109	50	LDR-Biased	23.836	23.74	-0.096
110	50	LDR-Biased	23.575	23.491	-0.084
111	50	LDR-Biased	23.033	23.66	0.627
112	50	LDR-Unbiased	23.353	23.631	0.278
113	50	LDR-Unbiased	23.922	23.773	-0.149
115	50	LDR-Unbiased	24.105	22.967	-1.138
116	50	LDR-Unbiased	23.49	23.311	-0.179
117	50	LDR-Unbiased	23.529	23.885	0.356

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.262	23.546	23.829	0.40093	23.262	23.546	23.829	0.40093	0	0	0	0
3	23.033	23.658	24.105	0.32932	22.905	23.604	24.15	0.40433	-1.2	-0.0541	0.621	0.5481
10	23.033	23.658	24.105	0.32932	22.918	23.552	24.136	0.39243	-1.187	-0.106	0.607	0.51988
30	23.033	23.658	24.105	0.32932	22.81	23.629	24.193	0.39292	-1.295	-0.0289	0.594	0.57456
50	23.033	23.658	24.105	0.32932	22.967	23.562	23.885	0.27135	-1.138	-0.096	0.627	0.49749
100	23.032	23.649	24.056	0.36965	23.166	23.47	23.697	0.1781	-0.726	-0.17875	0.378	0.35985

Device Test: 5.132 tdly_Res1p18M_EN2_SU/EN2/7/3/1.18M/0/0/@DLY_TMR_1MOHM





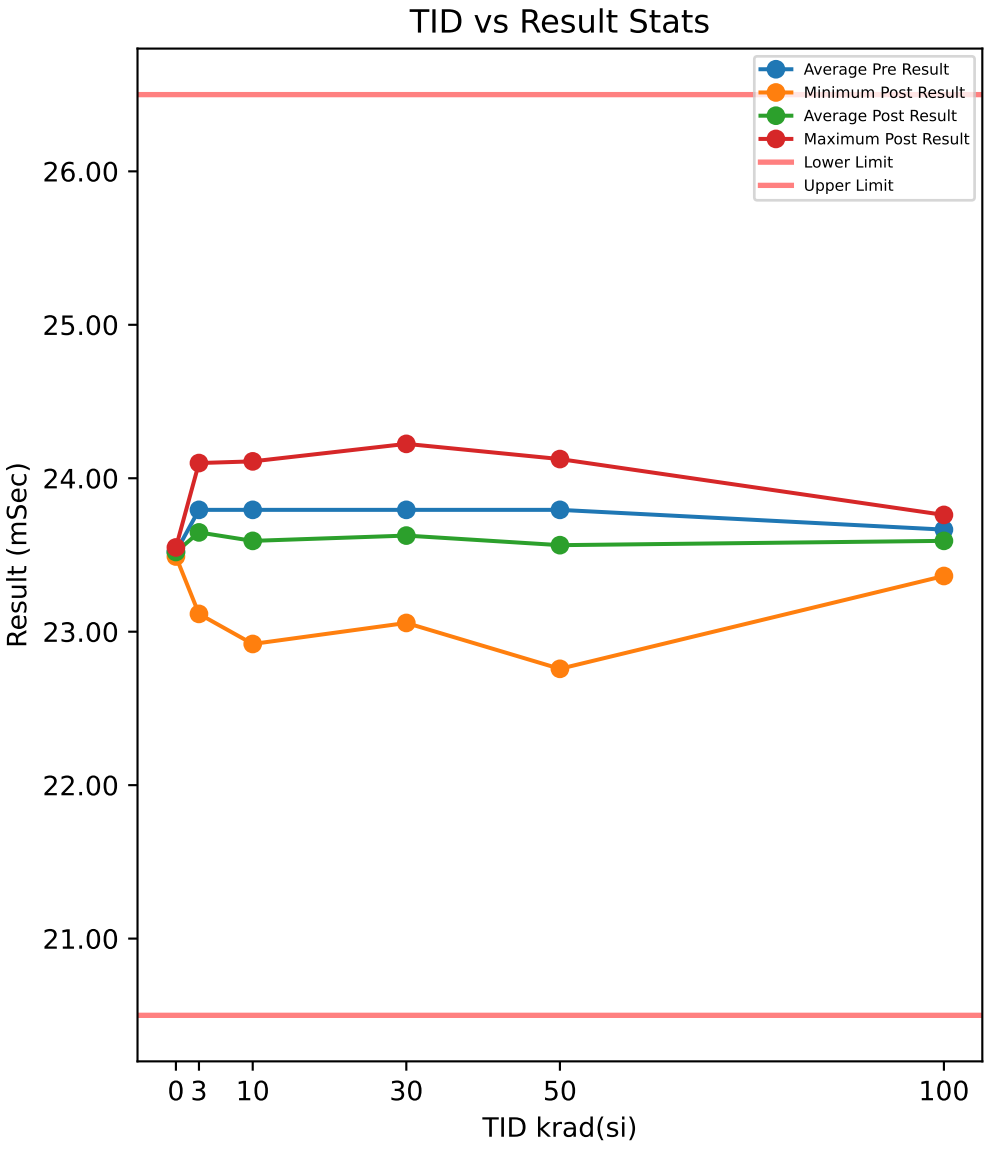
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

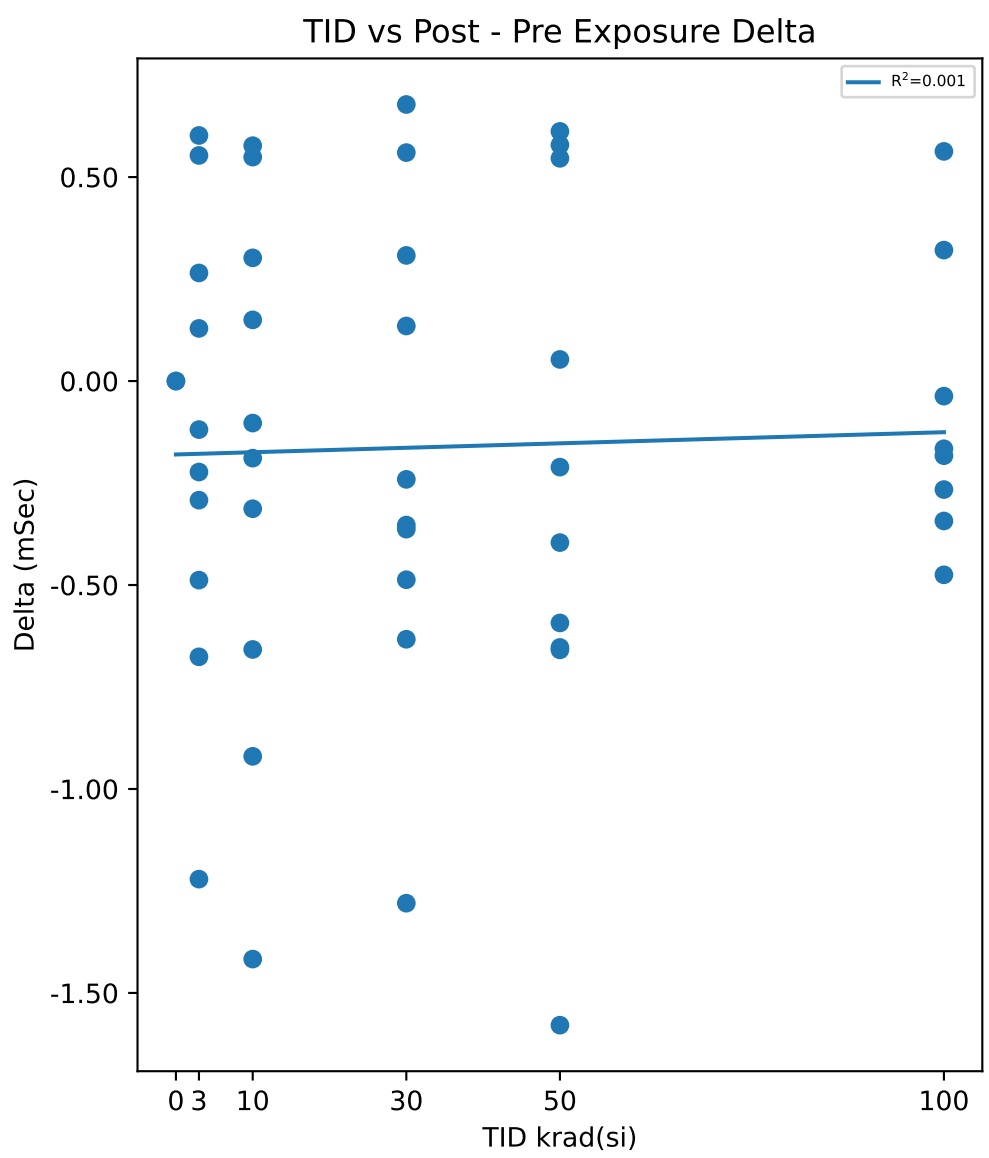
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.758	23.758	0
7	0	Correlation	23.482	23.482	0
16	3	LDR-Biased	24.031	23.353	-0.678
18	3	LDR-Biased	23.919	24.034	0.115
19	3	LDR-Biased	24.141	23.86	-0.281
20	3	LDR-Biased	23.826	23.338	-0.488
21	3	LDR-Biased	23.318	23.376	0.058
22	3	LDR-Unbiased	23.294	23.899	0.605
23	3	LDR-Unbiased	24.208	24.091	-0.117
25	3	LDR-Unbiased	24.327	23.113	-1.214
26	3	LDR-Unbiased	23.508	23.282	-0.226
27	3	LDR-Unbiased	23.546	24.09	0.544
46	10	LDR-Biased	24.031	23.115	-0.916
48	10	LDR-Biased	23.919	24.09	0.171
49	10	LDR-Biased	24.141	23.839	-0.302
50	10	LDR-Biased	23.826	23.375	-0.451
51	10	LDR-Biased	23.318	23.403	0.085
52	10	LDR-Unbiased	23.294	23.642	0.348
53	10	LDR-Unbiased	24.208	23.902	-0.306
55	10	LDR-Unbiased	24.327	22.931	-1.396
56	10	LDR-Unbiased	23.508	23.317	-0.191
57	10	LDR-Unbiased	23.546	24.107	0.561
76	30	LDR-Biased	24.031	23.184	-0.847
78	30	LDR-Biased	23.919	24.056	0.137
79	30	LDR-Biased	24.141	23.79	-0.351
80	30	LDR-Biased	23.826	23.359	-0.467
81	30	LDR-Biased	23.318	23.624	0.306
82	30	LDR-Unbiased	23.294	23.851	0.557
83	30	LDR-Unbiased	24.208	24.195	-0.013
84	30	LDR-Unbiased	23.546	24.003	0.457
85	30	LDR-Unbiased	24.327	23.052	-1.275
86	30	LDR-Unbiased	23.508	23.142	-0.366
87	100	LDR-Biased	23.34	23.541	0.201
88	100	LDR-Biased	24.029	23.759	-0.27
90	100	LDR-Biased	23.923	23.756	-0.167
91	100	LDR-Unbiased	23.089	23.657	0.568
93	100	LDR-Unbiased	23.32	23.431	0.111
94	100	LDR-Unbiased	24.026	23.346	-0.68
95	100	LDR-Unbiased	24.006	23.66	-0.346
96	100	LDR-Unbiased	23.524	23.362	-0.162
106	50	LDR-Biased	24.031	23.364	-0.667
108	50	LDR-Biased	23.919	23.954	0.035
109	50	LDR-Biased	24.141	23.701	-0.44
110	50	LDR-Biased	23.826	23.44	-0.386
111	50	LDR-Biased	23.318	23.659	0.341
112	50	LDR-Unbiased	23.294	23.694	0.4
113	50	LDR-Unbiased	24.208	24.001	-0.207
115	50	LDR-Unbiased	24.327	22.747	-1.58
116	50	LDR-Unbiased	23.508	23.317	-0.191
117	50	LDR-Unbiased	23.546	24.126	0.58

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.482	23.62	23.758	0.19516	23.482	23.62	23.758	0.19516	0	0	0	0
3	23.294	23.812	24.327	0.37497	23.113	23.644	24.091	0.38379	-1.214	-0.1682	0.605	0.54884
10	23.294	23.812	24.327	0.37497	22.931	23.572	24.107	0.40713	-1.396	-0.2397	0.561	0.58787
30	23.294	23.812	24.327	0.37497	23.052	23.626	24.195	0.41616	-1.275	-0.1862	0.557	0.5872
50	23.294	23.812	24.327	0.37497	22.747	23.6	24.126	0.40474	-1.58	-0.2115	0.58	0.62626
100	23.089	23.657	24.029	0.382	23.346	23.564	23.759	0.16873	-0.68	-0.093125	0.568	0.38081

Device Test: 5.133 tdly_Res1p18M_EN3_SU/EN3/7/3/1.18M/0/0/@DLY_TMR_1MOHM





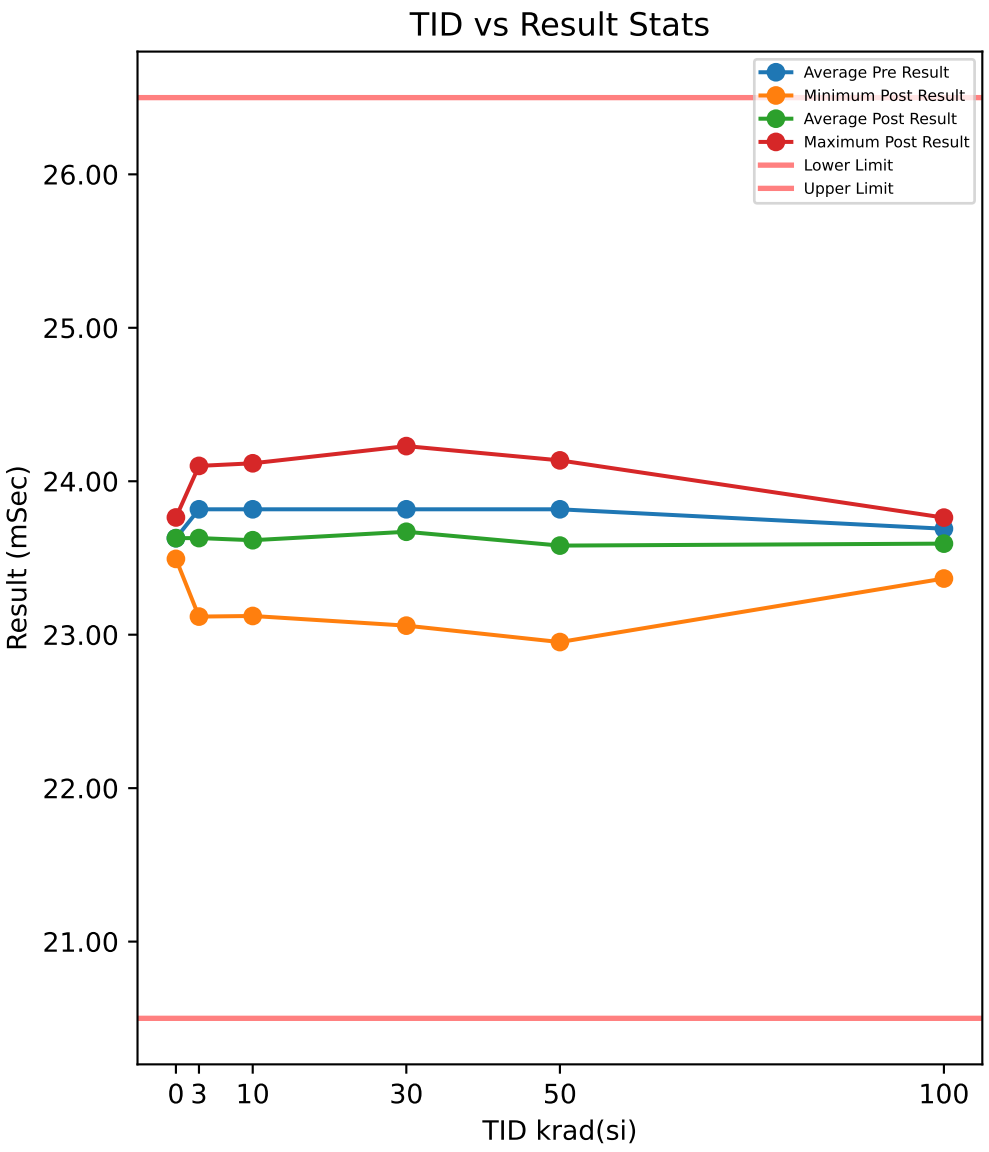
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

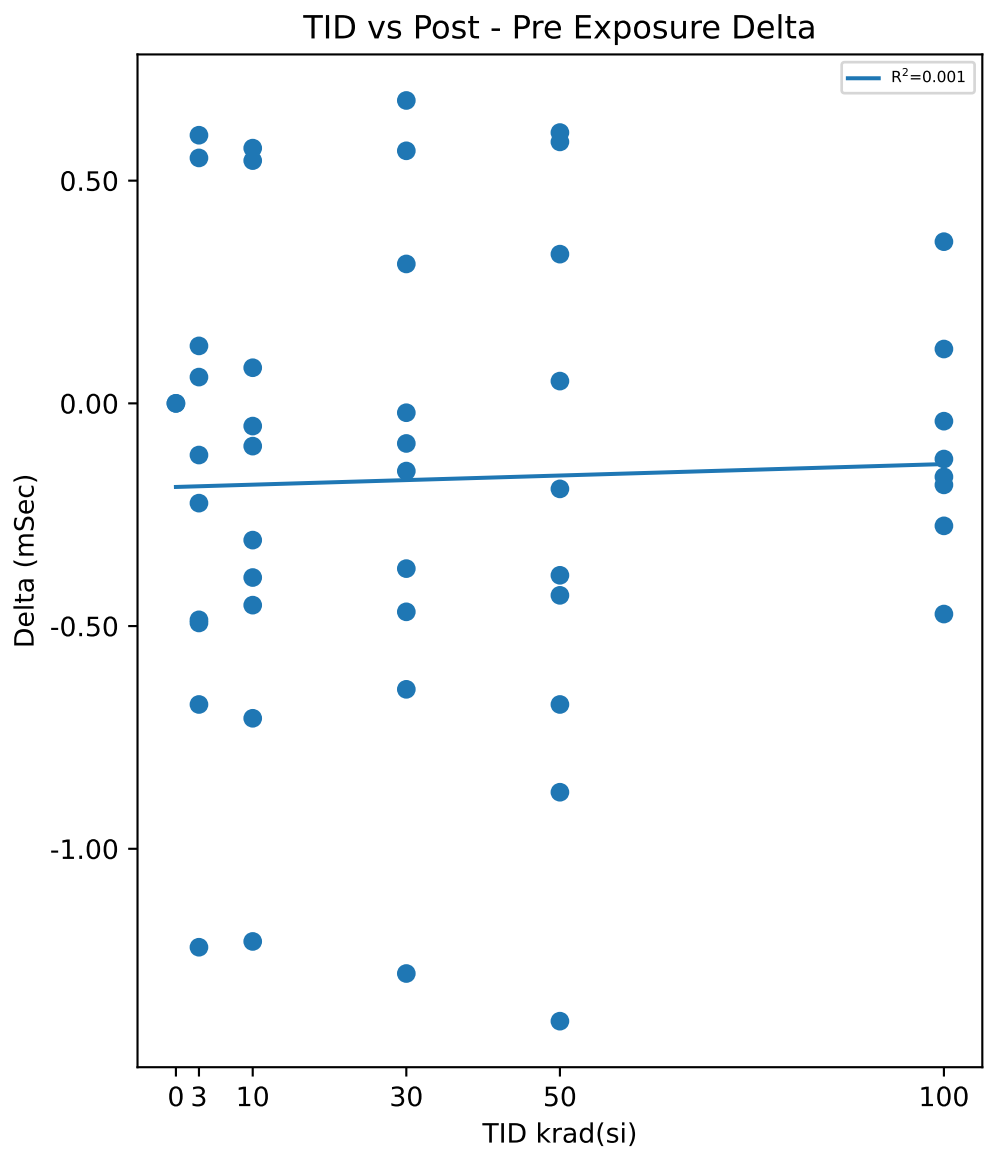
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.549	23.549	0
7	0	Correlation	23.49	23.49	0
16	3	LDR-Biased	24.032	23.356	-0.676
18	3	LDR-Biased	23.923	24.052	0.129
19	3	LDR-Biased	24.145	23.853	-0.292
20	3	LDR-Biased	23.828	23.34	-0.488
21	3	LDR-Biased	23.112	23.377	0.265
22	3	LDR-Unbiased	23.295	23.897	0.602
23	3	LDR-Unbiased	24.213	24.094	-0.119
25	3	LDR-Unbiased	24.337	23.116	-1.221
26	3	LDR-Unbiased	23.509	23.286	-0.223
27	3	LDR-Unbiased	23.546	24.099	0.553
46	10	LDR-Biased	24.032	23.112	-0.92
48	10	LDR-Biased	23.923	24.073	0.15
49	10	LDR-Biased	24.145	23.832	-0.313
50	10	LDR-Biased	23.828	23.17	-0.658
51	10	LDR-Biased	23.112	23.414	0.302
52	10	LDR-Unbiased	23.295	23.872	0.577
53	10	LDR-Unbiased	24.213	24.11	-0.103
55	10	LDR-Unbiased	24.337	22.92	-1.417
56	10	LDR-Unbiased	23.509	23.32	-0.189
57	10	LDR-Unbiased	23.546	24.095	0.549
76	30	LDR-Biased	24.032	23.399	-0.633
78	30	LDR-Biased	23.923	24.058	0.135
79	30	LDR-Biased	24.145	23.792	-0.353
80	30	LDR-Biased	23.828	23.341	-0.487
81	30	LDR-Biased	23.112	23.42	0.308
82	30	LDR-Unbiased	23.295	23.855	0.56
83	30	LDR-Unbiased	24.213	23.972	-0.241
84	30	LDR-Unbiased	23.546	24.224	0.678
85	30	LDR-Unbiased	24.337	23.057	-1.28
86	30	LDR-Unbiased	23.509	23.146	-0.363
87	100	LDR-Biased	23.579	23.542	-0.037
88	100	LDR-Biased	24.026	23.76	-0.266
90	100	LDR-Biased	23.927	23.761	-0.166
91	100	LDR-Unbiased	23.096	23.659	0.563
93	100	LDR-Unbiased	23.109	23.43	0.321
94	100	LDR-Unbiased	24.031	23.556	-0.475
95	100	LDR-Unbiased	24.008	23.665	-0.343
96	100	LDR-Unbiased	23.546	23.363	-0.183
106	50	LDR-Biased	24.032	23.373	-0.659
108	50	LDR-Biased	23.923	23.976	0.053
109	50	LDR-Biased	24.145	23.492	-0.653
110	50	LDR-Biased	23.828	23.235	-0.593
111	50	LDR-Biased	23.112	23.658	0.546
112	50	LDR-Unbiased	23.295	23.907	0.612
113	50	LDR-Unbiased	24.213	24.002	-0.211
115	50	LDR-Unbiased	24.337	22.758	-1.579
116	50	LDR-Unbiased	23.509	23.113	-0.396
117	50	LDR-Unbiased	23.546	24.125	0.579

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.49	23.52	23.549	0.041719	23.49	23.52	23.549	0.041719	0	0	0	0
3	23.112	23.794	24.337	0.41162	23.116	23.647	24.099	0.38546	-1.221	-0.147	0.602	0.56511
10	23.112	23.794	24.337	0.41162	22.92	23.592	24.11	0.45392	-1.417	-0.2022	0.577	0.64728
30	23.112	23.794	24.337	0.41162	23.057	23.626	24.224	0.4046	-1.28	-0.1676	0.678	0.59593
50	23.112	23.794	24.337	0.41162	22.758	23.564	24.125	0.44793	-1.579	-0.2301	0.612	0.69827
100	23.096	23.665	24.031	0.39732	23.363	23.592	23.761	0.14594	-0.475	-0.07325	0.563	0.34919

Device Test: 5.134 tdly_Res1p18M_EN4_SU/EN4/7/3/1.18M/0/0/@DLY_TMR_1MOHM





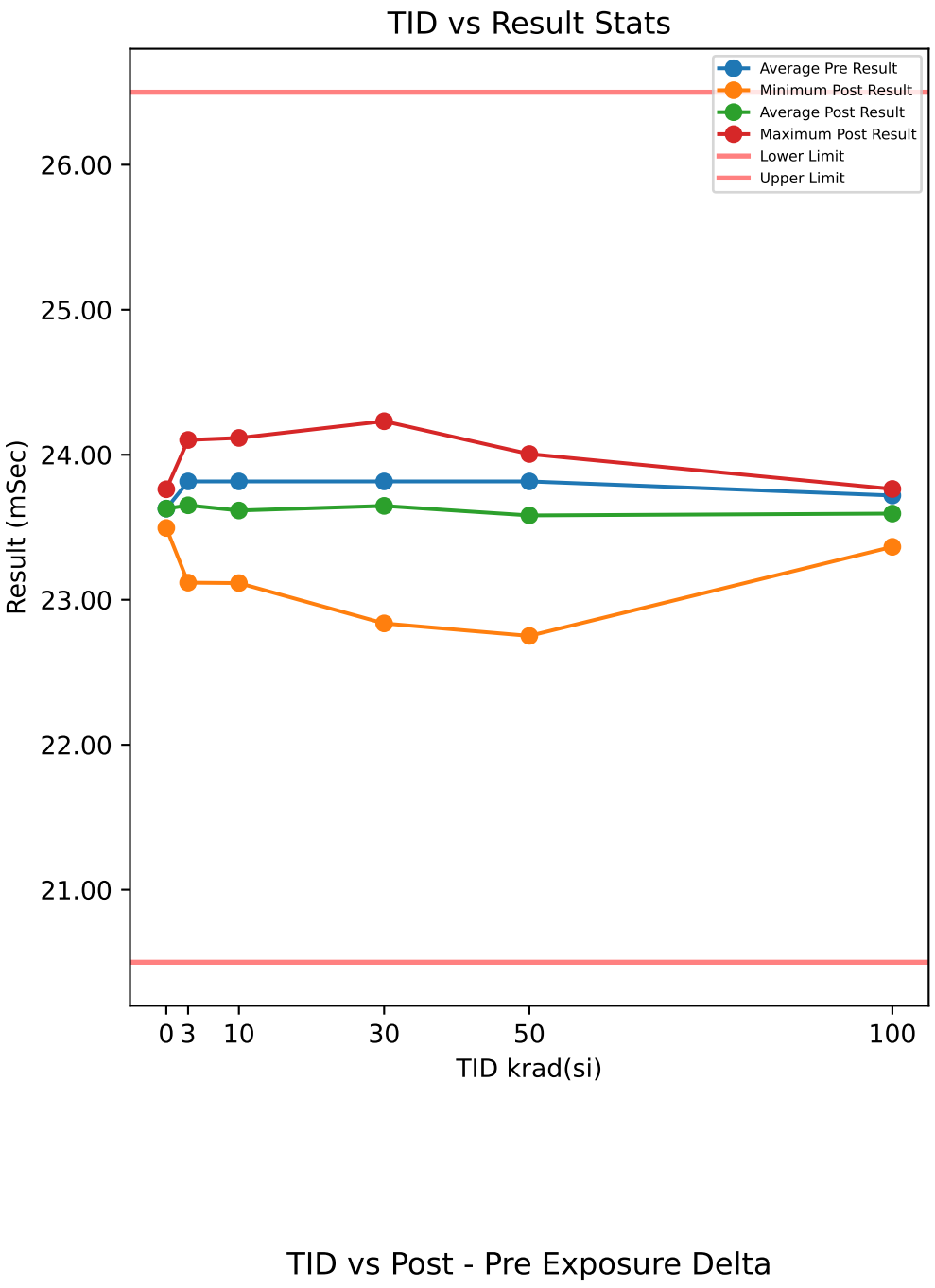
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

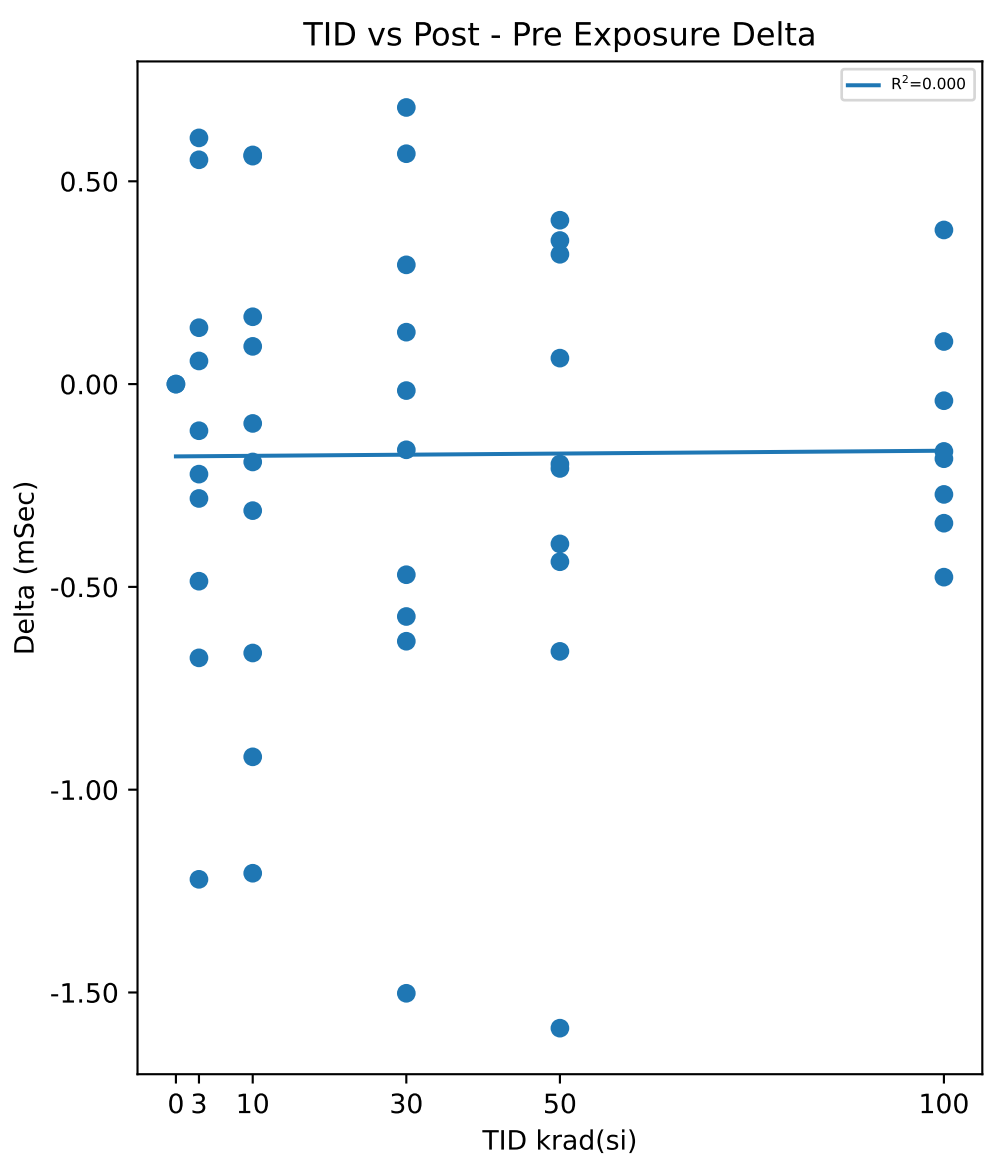
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.764	23.764	0
7	0	Correlation	23.494	23.494	0
16	3	LDR-Biased	24.035	23.359	-0.676
18	3	LDR-Biased	23.924	24.053	0.129
19	3	LDR-Biased	24.148	23.655	-0.493
20	3	LDR-Biased	23.831	23.345	-0.486
21	3	LDR-Biased	23.322	23.381	0.059
22	3	LDR-Unbiased	23.298	23.9	0.602
23	3	LDR-Unbiased	24.213	24.097	-0.116
25	3	LDR-Unbiased	24.339	23.118	-1.221
26	3	LDR-Unbiased	23.513	23.289	-0.224
27	3	LDR-Unbiased	23.549	24.1	0.551
46	10	LDR-Biased	24.035	23.328	-0.707
48	10	LDR-Biased	23.924	23.873	-0.051
49	10	LDR-Biased	24.148	23.841	-0.307
50	10	LDR-Biased	23.831	23.378	-0.453
51	10	LDR-Biased	23.322	23.402	0.08
52	10	LDR-Unbiased	23.298	23.871	0.573
53	10	LDR-Unbiased	24.213	24.117	-0.096
55	10	LDR-Unbiased	24.339	23.131	-1.208
56	10	LDR-Unbiased	23.513	23.122	-0.391
57	10	LDR-Unbiased	23.549	24.094	0.545
76	30	LDR-Biased	24.035	23.393	-0.642
78	30	LDR-Biased	23.924	23.834	-0.09
79	30	LDR-Biased	24.148	23.777	-0.371
80	30	LDR-Biased	23.831	23.363	-0.468
81	30	LDR-Biased	23.322	23.635	0.313
82	30	LDR-Unbiased	23.298	23.865	0.567
83	30	LDR-Unbiased	24.213	24.192	-0.021
84	30	LDR-Unbiased	23.549	24.229	0.68
85	30	LDR-Unbiased	24.339	23.059	-1.28
86	30	LDR-Unbiased	23.513	23.361	-0.152
87	100	LDR-Biased	23.581	23.541	-0.04
88	100	LDR-Biased	24.037	23.762	-0.275
90	100	LDR-Biased	23.928	23.763	-0.165
91	100	LDR-Unbiased	23.298	23.661	0.363
93	100	LDR-Unbiased	23.31	23.432	0.122
94	100	LDR-Unbiased	24.031	23.558	-0.473
95	100	LDR-Unbiased	23.79	23.665	-0.125
96	100	LDR-Unbiased	23.549	23.366	-0.183
106	50	LDR-Biased	24.035	23.162	-0.873
108	50	LDR-Biased	23.924	23.974	0.05
109	50	LDR-Biased	24.148	23.472	-0.676
110	50	LDR-Biased	23.831	23.445	-0.386
111	50	LDR-Biased	23.322	23.657	0.335
112	50	LDR-Unbiased	23.298	23.906	0.608
113	50	LDR-Unbiased	24.213	23.782	-0.431
115	50	LDR-Unbiased	24.339	22.952	-1.387
116	50	LDR-Unbiased	23.513	23.321	-0.192
117	50	LDR-Unbiased	23.549	24.136	0.587

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.494	23.629	23.764	0.19092	23.494	23.629	23.764	0.19092	0	0	0	0
3	23.298	23.817	24.339	0.37663	23.118	23.63	24.1	0.37808	-1.221	-0.1875	0.602	0.56028
10	23.298	23.817	24.339	0.37663	23.122	23.616	24.117	0.38382	-1.208	-0.2015	0.573	0.54253
30	23.298	23.817	24.339	0.37663	23.059	23.671	24.229	0.3804	-1.28	-0.1464	0.68	0.5875
50	23.298	23.817	24.339	0.37663	22.952	23.581	24.136	0.37763	-1.387	-0.2365	0.608	0.64843
100	23.298	23.691	24.037	0.30075	23.366	23.593	23.763	0.14572	-0.473	-0.097	0.363	0.25317

Device Test: 5.135 tdly_Res1p18M_SEQ_SU/SEQ_DONE/7/3/1.18M/0/0/@DLY_TMR_1MOHM





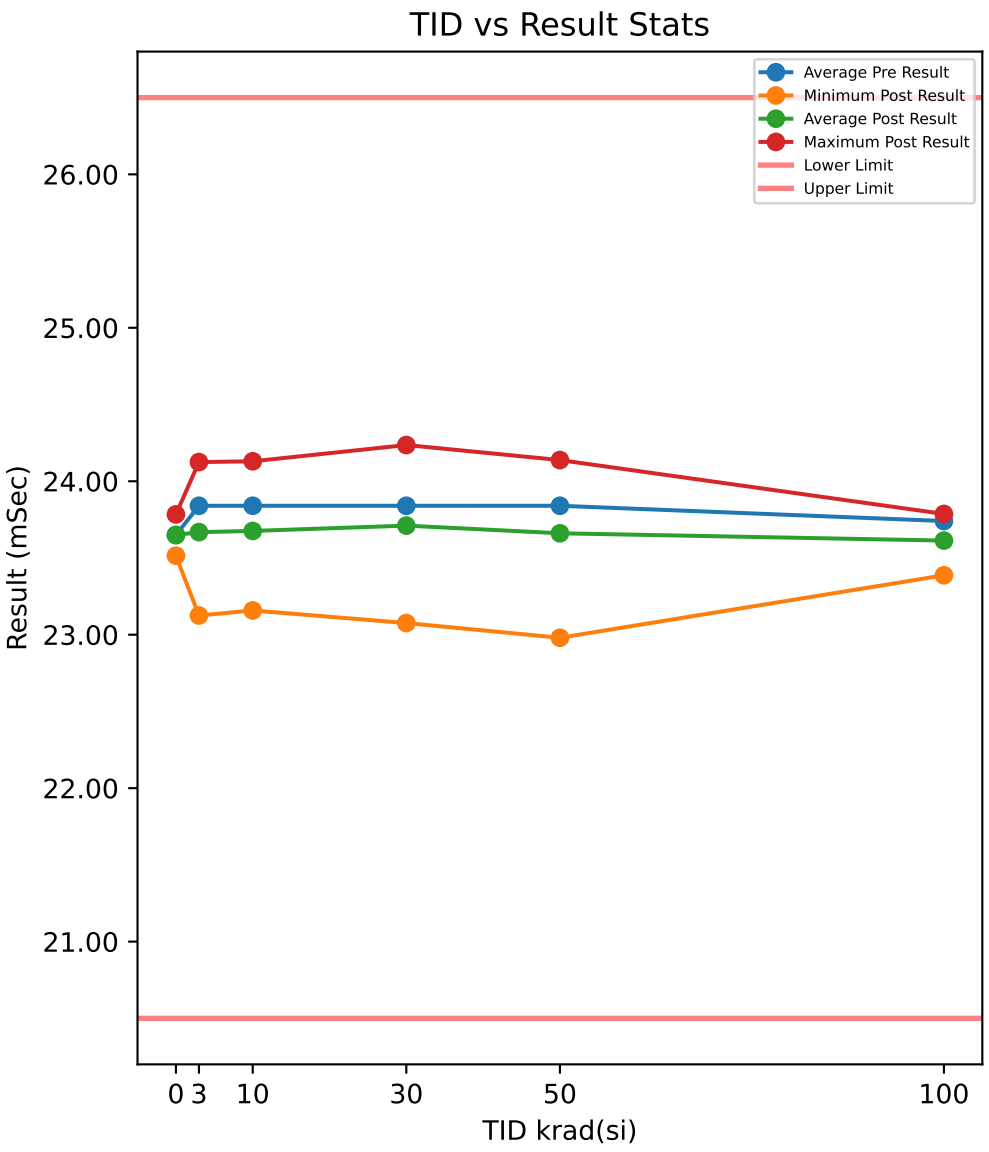
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

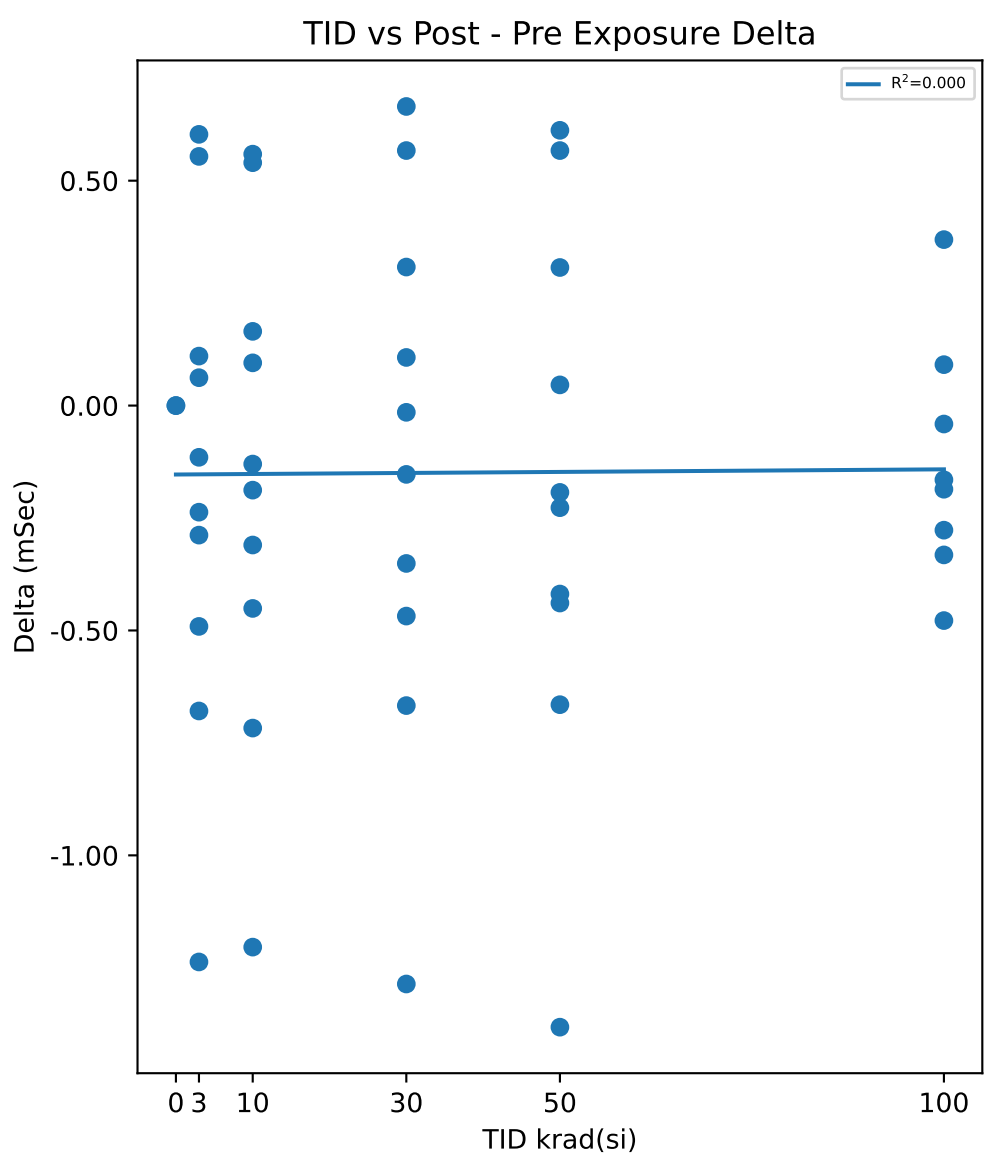
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.762	23.762	0
7	0	Correlation	23.495	23.495	0
16	3	LDR-Biased	24.034	23.359	-0.675
18	3	LDR-Biased	23.914	24.053	0.139
19	3	LDR-Biased	24.147	23.865	-0.282
20	3	LDR-Biased	23.83	23.344	-0.486
21	3	LDR-Biased	23.324	23.381	0.057
22	3	LDR-Unbiased	23.298	23.905	0.607
23	3	LDR-Unbiased	24.213	24.098	-0.115
25	3	LDR-Unbiased	24.339	23.118	-1.221
26	3	LDR-Unbiased	23.511	23.289	-0.222
27	3	LDR-Unbiased	23.549	24.102	0.553
46	10	LDR-Biased	24.034	23.115	-0.919
48	10	LDR-Biased	23.914	24.08	0.166
49	10	LDR-Biased	24.147	23.835	-0.312
50	10	LDR-Biased	23.83	23.167	-0.663
51	10	LDR-Biased	23.324	23.417	0.093
52	10	LDR-Unbiased	23.298	23.863	0.565
53	10	LDR-Unbiased	24.213	24.116	-0.097
55	10	LDR-Unbiased	24.339	23.133	-1.206
56	10	LDR-Unbiased	23.511	23.319	-0.192
57	10	LDR-Unbiased	23.549	24.111	0.562
76	30	LDR-Biased	24.034	23.4	-0.634
78	30	LDR-Biased	23.914	24.042	0.128
79	30	LDR-Biased	24.147	23.574	-0.573
80	30	LDR-Biased	23.83	23.36	-0.47
81	30	LDR-Biased	23.324	23.618	0.294
82	30	LDR-Unbiased	23.298	23.866	0.568
83	30	LDR-Unbiased	24.213	24.197	-0.016
84	30	LDR-Unbiased	23.549	24.231	0.682
85	30	LDR-Unbiased	24.339	22.837	-1.502
86	30	LDR-Unbiased	23.511	23.349	-0.162
87	100	LDR-Biased	23.584	23.543	-0.041
88	100	LDR-Biased	24.036	23.764	-0.272
90	100	LDR-Biased	23.93	23.764	-0.166
91	100	LDR-Unbiased	23.285	23.665	0.38
93	100	LDR-Unbiased	23.325	23.43	0.105
94	100	LDR-Unbiased	24.033	23.557	-0.476
95	100	LDR-Unbiased	24.01	23.667	-0.343
96	100	LDR-Unbiased	23.549	23.365	-0.184
106	50	LDR-Biased	24.034	23.375	-0.659
108	50	LDR-Biased	23.914	23.978	0.064
109	50	LDR-Biased	24.147	23.709	-0.438
110	50	LDR-Biased	23.83	23.436	-0.394
111	50	LDR-Biased	23.324	23.644	0.32
112	50	LDR-Unbiased	23.298	23.702	0.404
113	50	LDR-Unbiased	24.213	24.005	-0.208
115	50	LDR-Unbiased	24.339	22.751	-1.588
116	50	LDR-Unbiased	23.511	23.314	-0.197
117	50	LDR-Unbiased	23.549	23.903	0.354

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.495	23.629	23.762	0.1888	23.495	23.629	23.762	0.1888	0	0	0	0
3	23.298	23.816	24.339	0.37605	23.118	23.651	24.102	0.38625	-1.221	-0.1645	0.607	0.55286
10	23.298	23.816	24.339	0.37605	23.115	23.616	24.116	0.42596	-1.206	-0.2003	0.565	0.59182
30	23.298	23.816	24.339	0.37605	22.837	23.647	24.231	0.43995	-1.502	-0.1685	0.682	0.65323
50	23.298	23.816	24.339	0.37605	22.751	23.582	24.005	0.38002	-1.588	-0.2342	0.404	0.59923
100	23.285	23.719	24.036	0.32049	23.365	23.594	23.764	0.1471	-0.476	-0.12463	0.38	0.27058

Device Test: 5.136 tdly_Res1p18M_PWRGD_SU/PWRGD/7/3/1.18M/0/0/@DLY_TMR_1MOHM





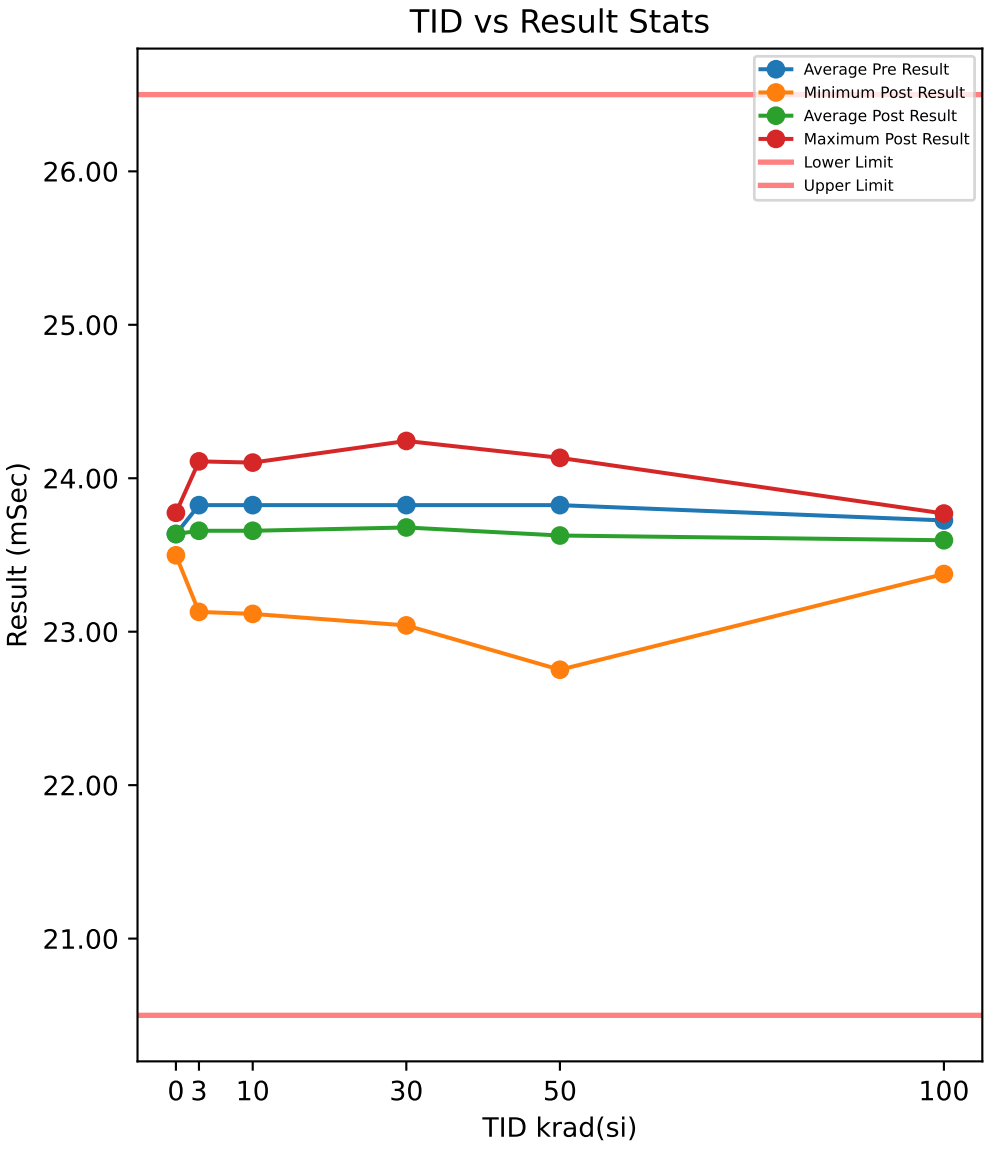
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

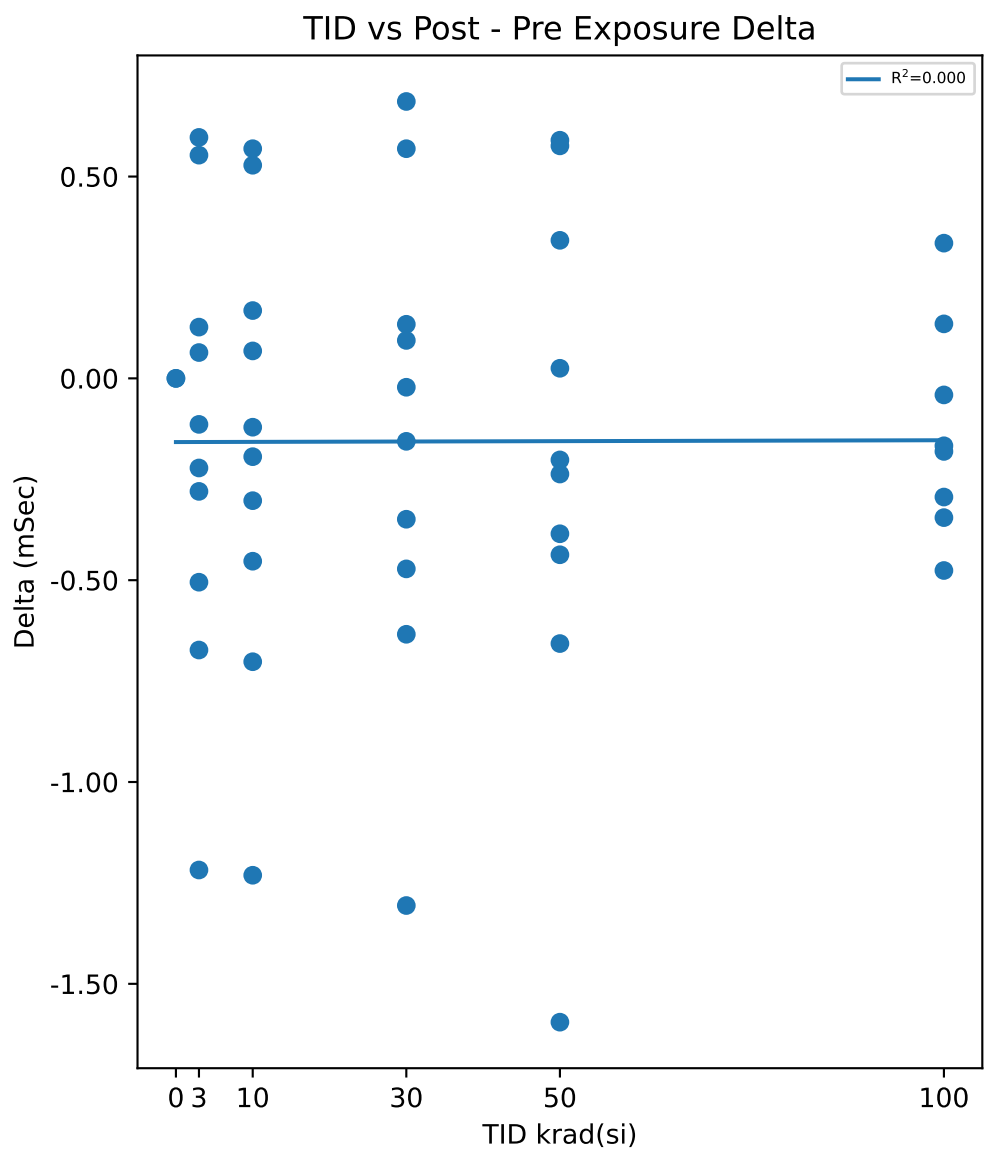
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.784	23.784	0
7	0	Correlation	23.515	23.515	0
16	3	LDR-Biased	24.058	23.379	-0.679
18	3	LDR-Biased	23.949	24.059	0.11
19	3	LDR-Biased	24.171	23.883	-0.288
20	3	LDR-Biased	23.854	23.363	-0.491
21	3	LDR-Biased	23.345	23.407	0.062
22	3	LDR-Unbiased	23.321	23.924	0.603
23	3	LDR-Unbiased	24.236	24.121	-0.115
25	3	LDR-Unbiased	24.362	23.125	-1.237
26	3	LDR-Unbiased	23.535	23.298	-0.237
27	3	LDR-Unbiased	23.571	24.125	0.554
46	10	LDR-Biased	24.058	23.341	-0.717
48	10	LDR-Biased	23.949	24.114	0.165
49	10	LDR-Biased	24.171	23.861	-0.31
50	10	LDR-Biased	23.854	23.403	-0.451
51	10	LDR-Biased	23.345	23.44	0.095
52	10	LDR-Unbiased	23.321	23.861	0.54
53	10	LDR-Unbiased	24.236	24.106	-0.13
55	10	LDR-Unbiased	24.362	23.158	-1.204
56	10	LDR-Unbiased	23.535	23.347	-0.188
57	10	LDR-Unbiased	23.571	24.13	0.559
76	30	LDR-Biased	24.058	23.391	-0.667
78	30	LDR-Biased	23.949	24.056	0.107
79	30	LDR-Biased	24.171	23.82	-0.351
80	30	LDR-Biased	23.854	23.386	-0.468
81	30	LDR-Biased	23.345	23.653	0.308
82	30	LDR-Unbiased	23.321	23.888	0.567
83	30	LDR-Unbiased	24.236	24.221	-0.015
84	30	LDR-Unbiased	23.571	24.236	0.665
85	30	LDR-Unbiased	24.362	23.076	-1.286
86	30	LDR-Unbiased	23.535	23.382	-0.153
87	100	LDR-Biased	23.606	23.565	-0.041
88	100	LDR-Biased	24.06	23.783	-0.277
90	100	LDR-Biased	23.952	23.787	-0.165
91	100	LDR-Unbiased	23.315	23.684	0.369
93	100	LDR-Unbiased	23.347	23.438	0.091
94	100	LDR-Unbiased	24.056	23.578	-0.478
95	100	LDR-Unbiased	24.017	23.685	-0.332
96	100	LDR-Unbiased	23.573	23.387	-0.186
106	50	LDR-Biased	24.058	23.393	-0.665
108	50	LDR-Biased	23.949	23.995	0.046
109	50	LDR-Biased	24.171	23.732	-0.439
110	50	LDR-Biased	23.854	23.435	-0.419
111	50	LDR-Biased	23.345	23.652	0.307
112	50	LDR-Unbiased	23.321	23.933	0.612
113	50	LDR-Unbiased	24.236	24.009	-0.227
115	50	LDR-Unbiased	24.362	22.98	-1.382
116	50	LDR-Unbiased	23.535	23.342	-0.193
117	50	LDR-Unbiased	23.571	24.138	0.567

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.515	23.649	23.784	0.19021	23.515	23.649	23.784	0.19021	0	0	0	0
3	23.321	23.84	24.362	0.37686	23.125	23.668	24.125	0.38803	-1.237	-0.1718	0.603	0.55537
10	23.321	23.84	24.362	0.37686	23.158	23.676	24.13	0.3757	-1.204	-0.1641	0.559	0.54635
30	23.321	23.84	24.362	0.37686	23.076	23.711	24.236	0.39733	-1.286	-0.1293	0.665	0.59324
50	23.321	23.84	24.362	0.37686	22.98	23.661	24.138	0.36934	-1.382	-0.1793	0.612	0.6037
100	23.315	23.741	24.06	0.31732	23.387	23.613	23.787	0.14863	-0.478	-0.12738	0.369	0.26554

Device Test: 5.137 tdly_Res1p18M_EN1_SD/EN1/7/3/1.18M/0/0/@DLY_TMR_1MOHM





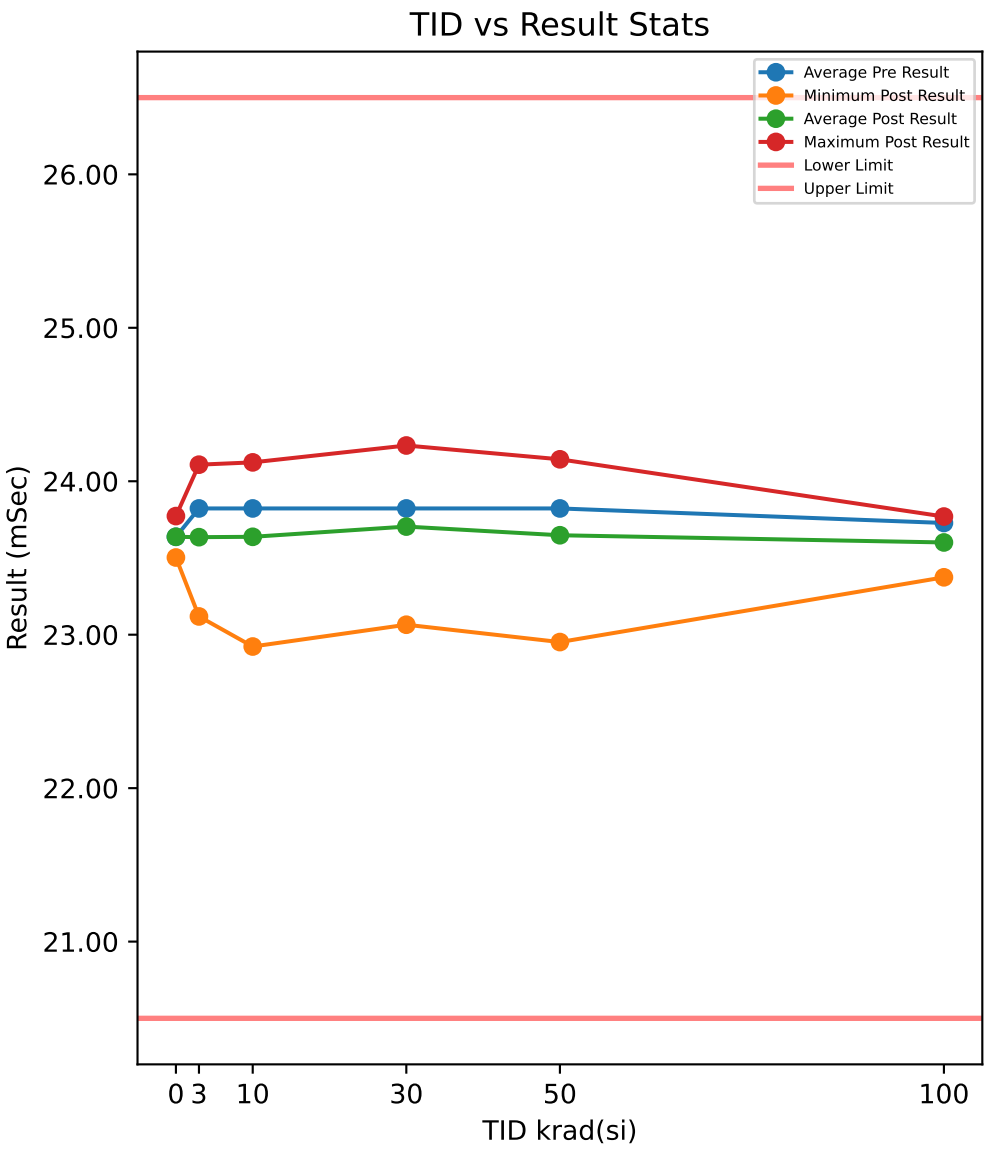
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

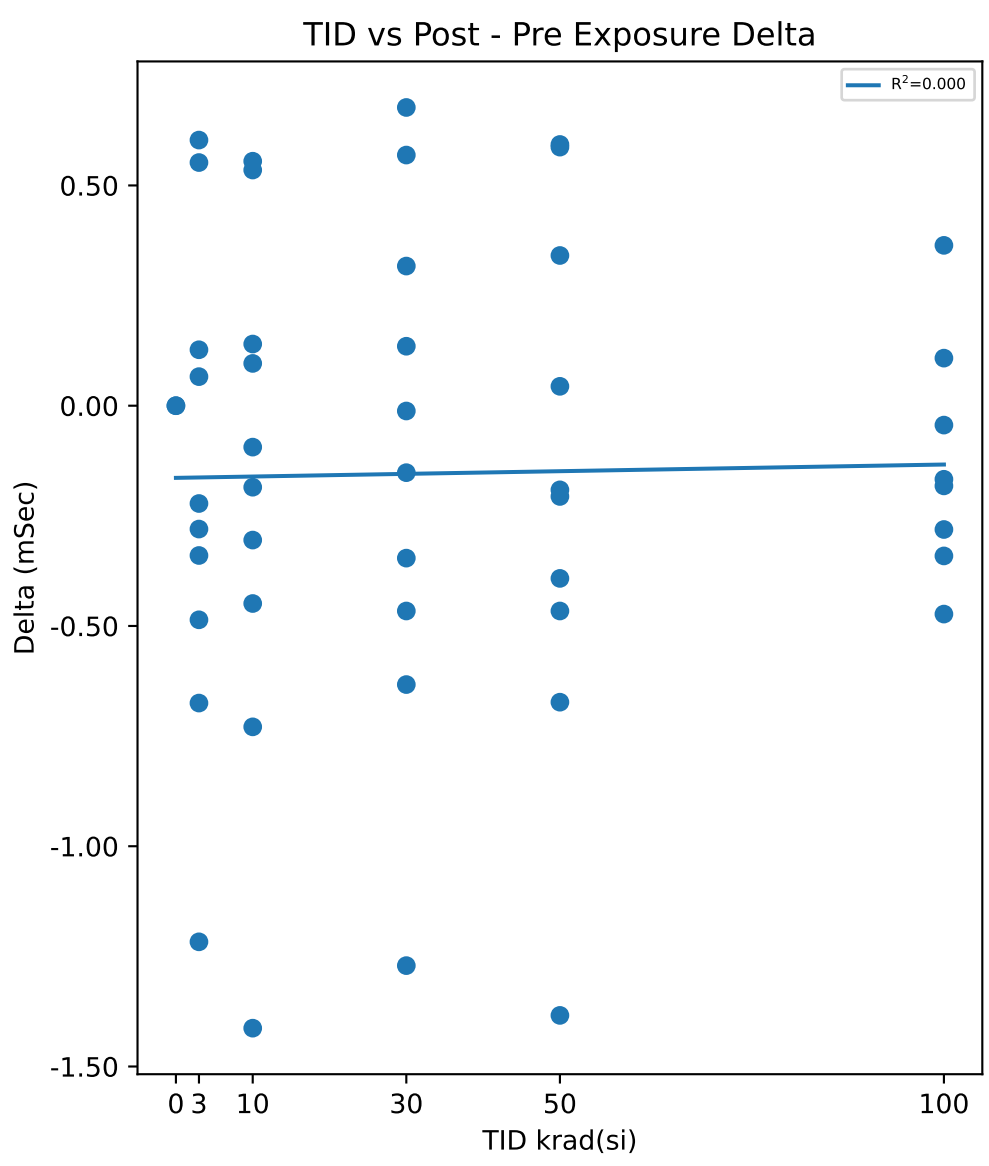
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.775	23.775	0
7	0	Correlation	23.498	23.498	0
16	3	LDR-Biased	24.041	23.368	-0.673
18	3	LDR-Biased	23.934	24.061	0.127
19	3	LDR-Biased	24.155	23.875	-0.28
20	3	LDR-Biased	23.838	23.333	-0.505
21	3	LDR-Biased	23.33	23.394	0.064
22	3	LDR-Unbiased	23.306	23.903	0.597
23	3	LDR-Unbiased	24.221	24.107	-0.114
25	3	LDR-Unbiased	24.347	23.129	-1.218
26	3	LDR-Unbiased	23.519	23.297	-0.222
27	3	LDR-Unbiased	23.557	24.11	0.553
46	10	LDR-Biased	24.041	23.339	-0.702
48	10	LDR-Biased	23.934	24.102	0.168
49	10	LDR-Biased	24.155	23.852	-0.303
50	10	LDR-Biased	23.838	23.385	-0.453
51	10	LDR-Biased	23.33	23.398	0.068
52	10	LDR-Unbiased	23.306	23.875	0.569
53	10	LDR-Unbiased	24.221	24.1	-0.121
55	10	LDR-Unbiased	24.347	23.116	-1.231
56	10	LDR-Unbiased	23.519	23.325	-0.194
57	10	LDR-Unbiased	23.557	24.085	0.528
76	30	LDR-Biased	24.041	23.407	-0.634
78	30	LDR-Biased	23.934	24.068	0.134
79	30	LDR-Biased	24.155	23.806	-0.349
80	30	LDR-Biased	23.838	23.366	-0.472
81	30	LDR-Biased	23.33	23.424	0.094
82	30	LDR-Unbiased	23.306	23.875	0.569
83	30	LDR-Unbiased	24.221	24.199	-0.022
84	30	LDR-Unbiased	23.557	24.243	0.686
85	30	LDR-Unbiased	24.347	23.041	-1.306
86	30	LDR-Unbiased	23.519	23.363	-0.156
87	100	LDR-Biased	23.593	23.552	-0.041
88	100	LDR-Biased	24.041	23.747	-0.294
90	100	LDR-Biased	23.937	23.77	-0.167
91	100	LDR-Unbiased	23.306	23.641	0.335
93	100	LDR-Unbiased	23.306	23.441	0.135
94	100	LDR-Unbiased	24.042	23.566	-0.476
95	100	LDR-Unbiased	24.019	23.674	-0.345
96	100	LDR-Unbiased	23.557	23.376	-0.181
106	50	LDR-Biased	24.041	23.384	-0.657
108	50	LDR-Biased	23.934	23.959	0.025
109	50	LDR-Biased	24.155	23.718	-0.437
110	50	LDR-Biased	23.838	23.453	-0.385
111	50	LDR-Biased	23.33	23.672	0.342
112	50	LDR-Unbiased	23.306	23.896	0.59
113	50	LDR-Unbiased	24.221	23.984	-0.237
115	50	LDR-Unbiased	24.347	22.752	-1.595
116	50	LDR-Unbiased	23.519	23.317	-0.202
117	50	LDR-Unbiased	23.557	24.133	0.576

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.498	23.636	23.775	0.19587	23.498	23.636	23.775	0.19587	0	0	0	0
3	23.306	23.825	24.347	0.37664	23.129	23.658	24.11	0.38658	-1.218	-0.1671	0.597	0.5513
10	23.306	23.825	24.347	0.37664	23.116	23.658	24.102	0.38124	-1.231	-0.1671	0.569	0.5491
30	23.306	23.825	24.347	0.37664	23.041	23.679	24.243	0.41342	-1.306	-0.1456	0.686	0.58558
50	23.306	23.825	24.347	0.37664	22.752	23.627	24.133	0.41196	-1.595	-0.198	0.59	0.65126
100	23.306	23.725	24.042	0.3226	23.376	23.596	23.77	0.13962	-0.476	-0.12925	0.335	0.26489

Device Test: 5.138 tdly_Res1p18M_EN2_SD/EN2/7/3/1.18M/0/0/@DLY_TMR_1MOHM





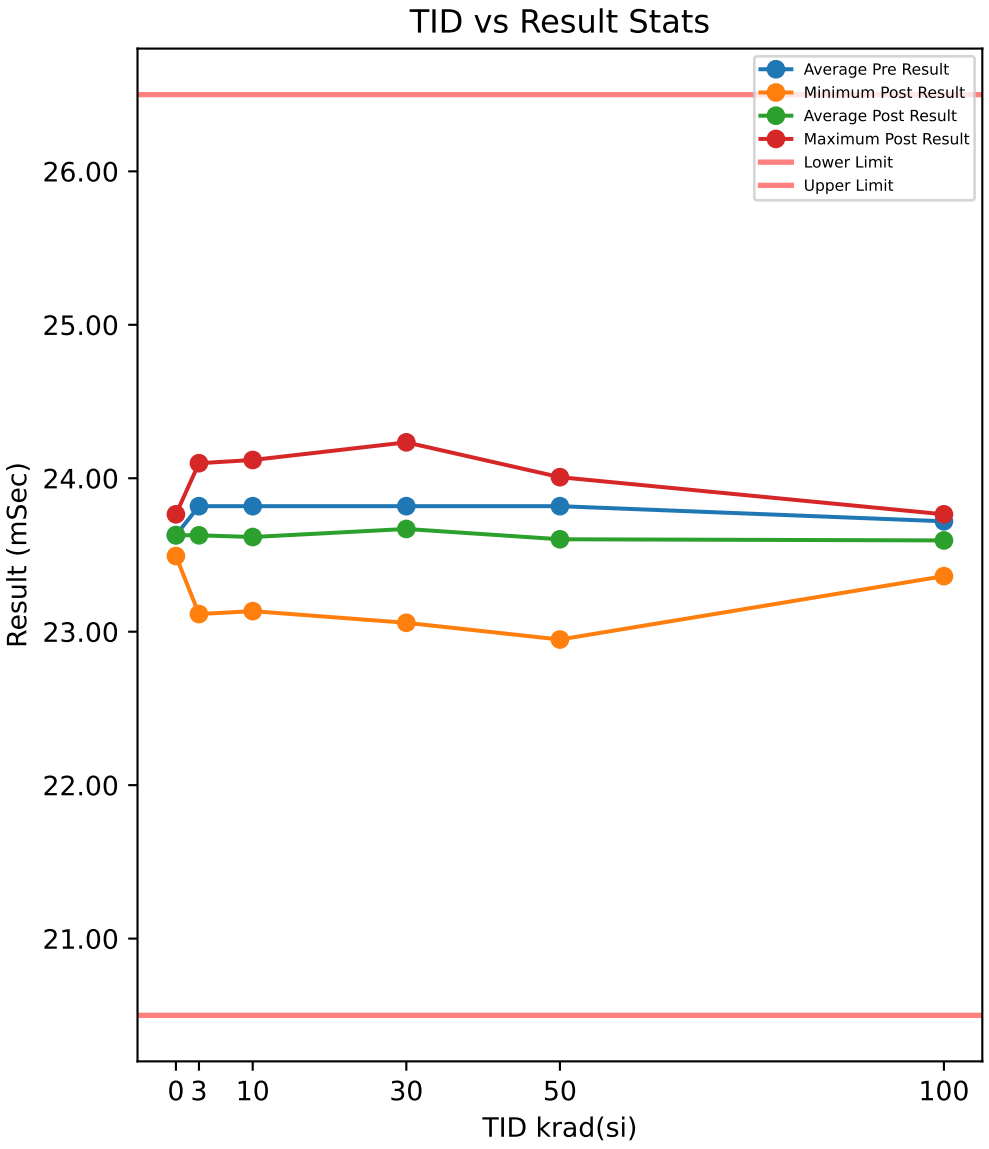
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

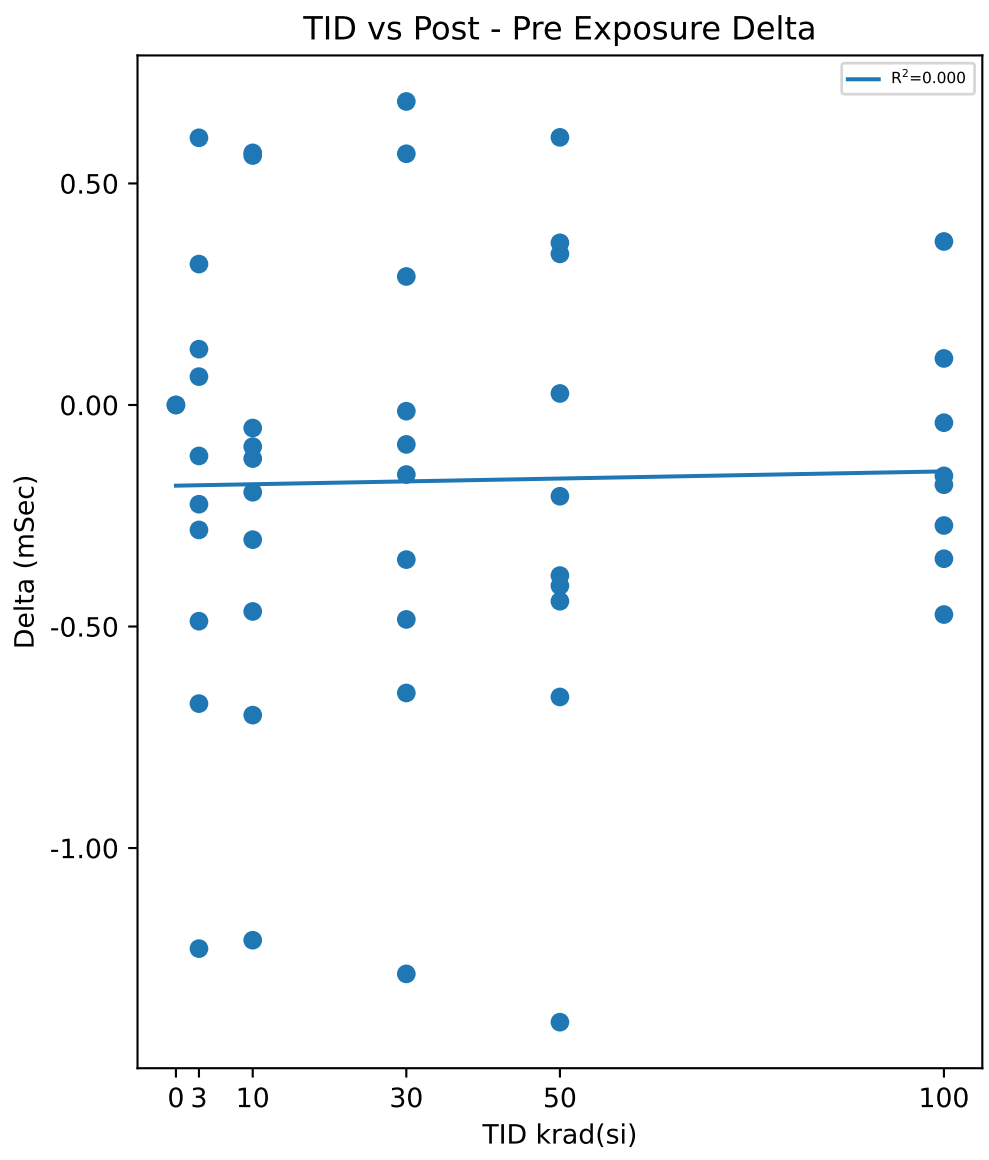
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.773	23.773	0
7	0	Correlation	23.503	23.503	0
16	3	LDR-Biased	24.041	23.366	-0.675
18	3	LDR-Biased	23.933	24.06	0.127
19	3	LDR-Biased	24.154	23.874	-0.28
20	3	LDR-Biased	23.838	23.352	-0.486
21	3	LDR-Biased	23.328	23.394	0.066
22	3	LDR-Unbiased	23.305	23.908	0.603
23	3	LDR-Unbiased	24.217	23.877	-0.34
25	3	LDR-Unbiased	24.336	23.119	-1.217
26	3	LDR-Unbiased	23.52	23.298	-0.222
27	3	LDR-Unbiased	23.556	24.108	0.552
46	10	LDR-Biased	24.041	23.312	-0.729
48	10	LDR-Biased	23.933	24.073	0.14
49	10	LDR-Biased	24.154	23.849	-0.305
50	10	LDR-Biased	23.838	23.389	-0.449
51	10	LDR-Biased	23.328	23.424	0.096
52	10	LDR-Unbiased	23.305	23.86	0.555
53	10	LDR-Unbiased	24.217	24.123	-0.094
55	10	LDR-Unbiased	24.336	22.923	-1.413
56	10	LDR-Unbiased	23.52	23.335	-0.185
57	10	LDR-Unbiased	23.556	24.091	0.535
76	30	LDR-Biased	24.041	23.408	-0.633
78	30	LDR-Biased	23.933	24.068	0.135
79	30	LDR-Biased	24.154	23.808	-0.346
80	30	LDR-Biased	23.838	23.372	-0.466
81	30	LDR-Biased	23.328	23.645	0.317
82	30	LDR-Unbiased	23.305	23.874	0.569
83	30	LDR-Unbiased	24.217	24.205	-0.012
84	30	LDR-Unbiased	23.556	24.233	0.677
85	30	LDR-Unbiased	24.336	23.065	-1.271
86	30	LDR-Unbiased	23.52	23.368	-0.152
87	100	LDR-Biased	23.592	23.548	-0.044
88	100	LDR-Biased	24.045	23.764	-0.281
90	100	LDR-Biased	23.937	23.77	-0.167
91	100	LDR-Unbiased	23.305	23.669	0.364
93	100	LDR-Unbiased	23.332	23.44	0.108
94	100	LDR-Unbiased	24.041	23.568	-0.473
95	100	LDR-Unbiased	24.017	23.676	-0.341
96	100	LDR-Unbiased	23.556	23.374	-0.182
106	50	LDR-Biased	24.041	23.368	-0.673
108	50	LDR-Biased	23.933	23.977	0.044
109	50	LDR-Biased	24.154	23.688	-0.466
110	50	LDR-Biased	23.838	23.446	-0.392
111	50	LDR-Biased	23.328	23.669	0.341
112	50	LDR-Unbiased	23.305	23.898	0.593
113	50	LDR-Unbiased	24.217	24.011	-0.206
115	50	LDR-Unbiased	24.336	22.952	-1.384
116	50	LDR-Unbiased	23.52	23.329	-0.191
117	50	LDR-Unbiased	23.556	24.143	0.587

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.503	23.638	23.773	0.19092	23.503	23.638	23.773	0.19092	0	0	0	0
3	23.305	23.823	24.336	0.3748	23.119	23.636	24.108	0.36285	-1.217	-0.1872	0.603	0.55323
10	23.305	23.823	24.336	0.3748	22.923	23.638	24.123	0.41373	-1.413	-0.1849	0.555	0.59132
30	23.305	23.823	24.336	0.3748	23.065	23.705	24.233	0.39799	-1.271	-0.1182	0.677	0.59042
50	23.305	23.823	24.336	0.3748	22.952	23.648	24.143	0.37342	-1.384	-0.1747	0.593	0.60803
100	23.305	23.728	24.045	0.31836	23.374	23.601	23.77	0.14478	-0.473	-0.127	0.364	0.26647

Device Test: 5.139 tdly_Res1p18M_EN3_SD/EN3/7/3/1.18M/0/0/@DLY_TMR_1MOHM





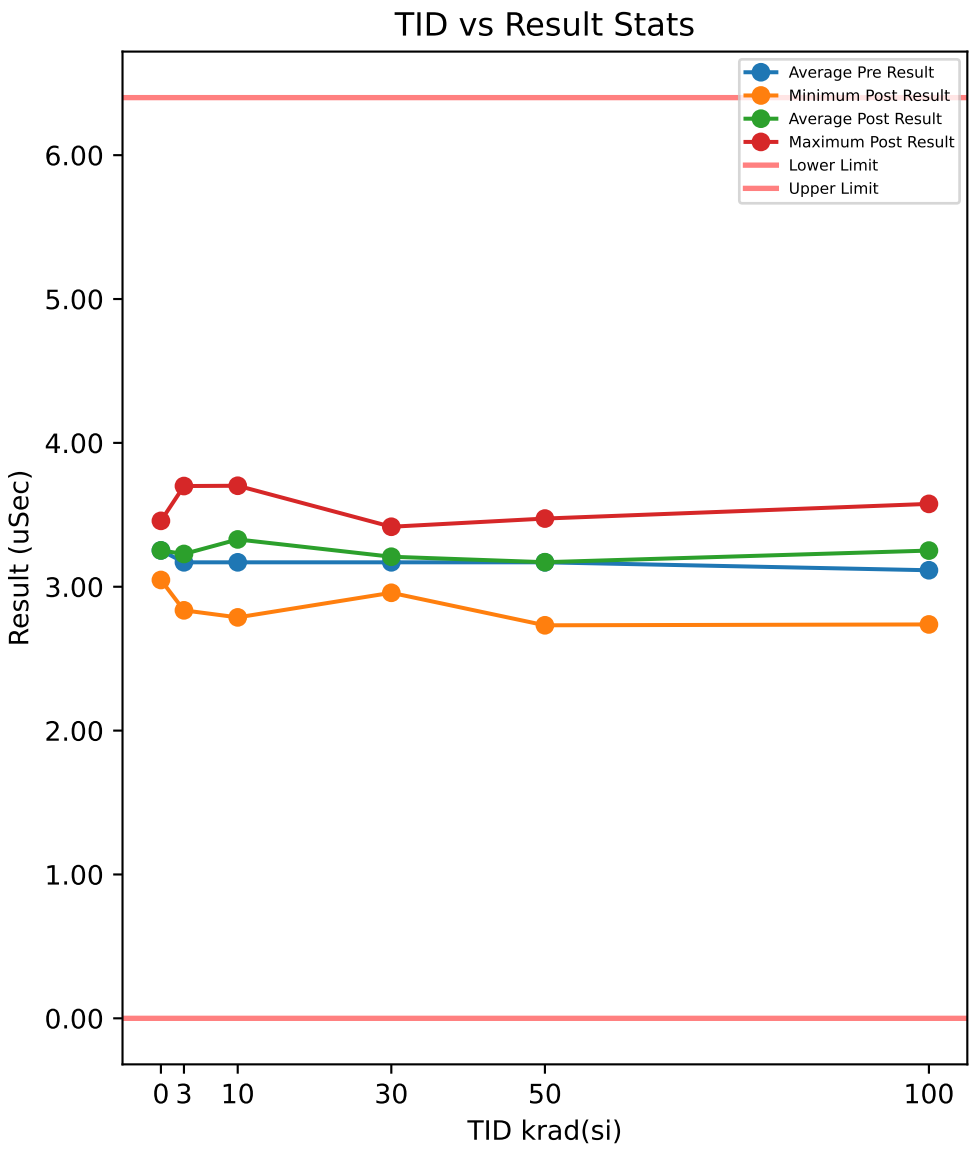
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

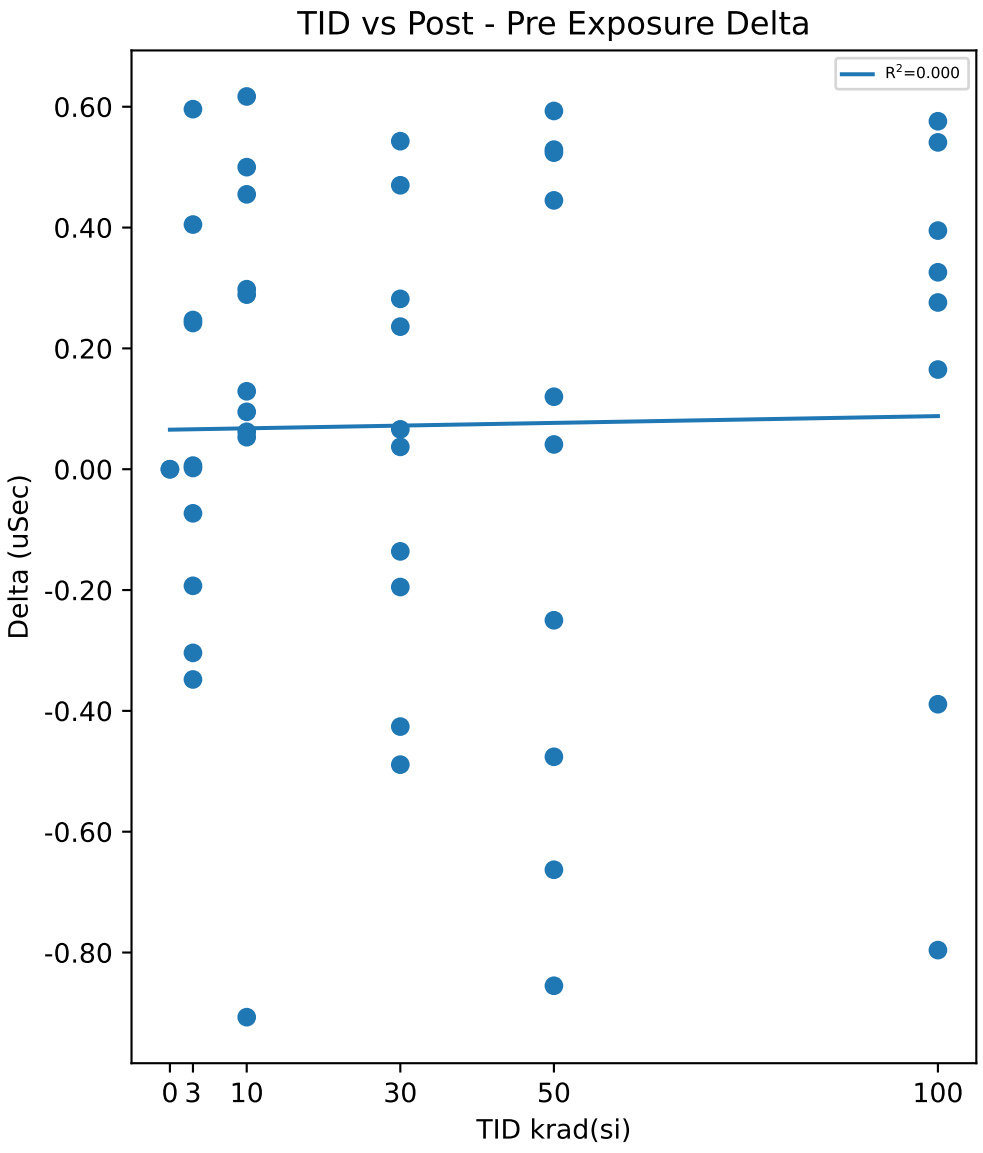
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.765	23.765	0
7	0	Correlation	23.493	23.493	0
16	3	LDR-Biased	24.034	23.36	-0.674
18	3	LDR-Biased	23.927	24.053	0.126
19	3	LDR-Biased	24.147	23.865	-0.282
20	3	LDR-Biased	23.832	23.344	-0.488
21	3	LDR-Biased	23.323	23.387	0.064
22	3	LDR-Unbiased	23.3	23.903	0.603
23	3	LDR-Unbiased	24.213	24.098	-0.115
25	3	LDR-Unbiased	24.342	23.115	-1.227
26	3	LDR-Unbiased	23.513	23.289	-0.224
27	3	LDR-Unbiased	23.549	23.867	0.318
46	10	LDR-Biased	24.034	23.334	-0.7
48	10	LDR-Biased	23.927	23.875	-0.052
49	10	LDR-Biased	24.147	23.843	-0.304
50	10	LDR-Biased	23.832	23.366	-0.466
51	10	LDR-Biased	23.323	23.202	-0.121
52	10	LDR-Unbiased	23.3	23.869	0.569
53	10	LDR-Unbiased	24.213	24.119	-0.094
55	10	LDR-Unbiased	24.342	23.134	-1.208
56	10	LDR-Unbiased	23.513	23.316	-0.197
57	10	LDR-Unbiased	23.549	24.112	0.563
76	30	LDR-Biased	24.034	23.384	-0.65
78	30	LDR-Biased	23.927	23.838	-0.089
79	30	LDR-Biased	24.147	23.798	-0.349
80	30	LDR-Biased	23.832	23.348	-0.484
81	30	LDR-Biased	23.323	23.613	0.29
82	30	LDR-Unbiased	23.3	23.867	0.567
83	30	LDR-Unbiased	24.213	24.199	-0.014
84	30	LDR-Unbiased	23.549	24.234	0.685
85	30	LDR-Unbiased	24.342	23.058	-1.284
86	30	LDR-Unbiased	23.513	23.356	-0.157
87	100	LDR-Biased	23.582	23.542	-0.04
88	100	LDR-Biased	24.036	23.764	-0.272
90	100	LDR-Biased	23.925	23.765	-0.16
91	100	LDR-Unbiased	23.297	23.666	0.369
93	100	LDR-Unbiased	23.327	23.432	0.105
94	100	LDR-Unbiased	24.035	23.562	-0.473
95	100	LDR-Unbiased	24.012	23.665	-0.347
96	100	LDR-Unbiased	23.542	23.362	-0.18
106	50	LDR-Biased	24.034	23.375	-0.659
108	50	LDR-Biased	23.927	23.953	0.026
109	50	LDR-Biased	24.147	23.704	-0.443
110	50	LDR-Biased	23.832	23.447	-0.385
111	50	LDR-Biased	23.323	23.664	0.341
112	50	LDR-Unbiased	23.3	23.904	0.604
113	50	LDR-Unbiased	24.213	24.007	-0.206
115	50	LDR-Unbiased	24.342	22.949	-1.393
116	50	LDR-Unbiased	23.513	23.105	-0.408
117	50	LDR-Unbiased	23.549	23.915	0.366

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.493	23.629	23.765	0.19233	23.493	23.629	23.765	0.19233	0	0	0	0
3	23.3	23.818	24.342	0.37658	23.115	23.628	24.098	0.36195	-1.227	-0.1899	0.603	0.52334
10	23.3	23.818	24.342	0.37658	23.134	23.617	24.119	0.38259	-1.208	-0.201	0.569	0.53339
30	23.3	23.818	24.342	0.37658	23.058	23.669	24.234	0.38632	-1.284	-0.1485	0.685	0.58824
50	23.3	23.818	24.342	0.37658	22.949	23.602	24.007	0.37113	-1.393	-0.2157	0.604	0.58486
100	23.297	23.72	24.036	0.31858	23.362	23.595	23.765	0.14743	-0.473	-0.12475	0.369	0.26737

Device Test: 5.14 tpd_EN3_SU/EN3/1.6/14/0/0/0/@TPD_EN





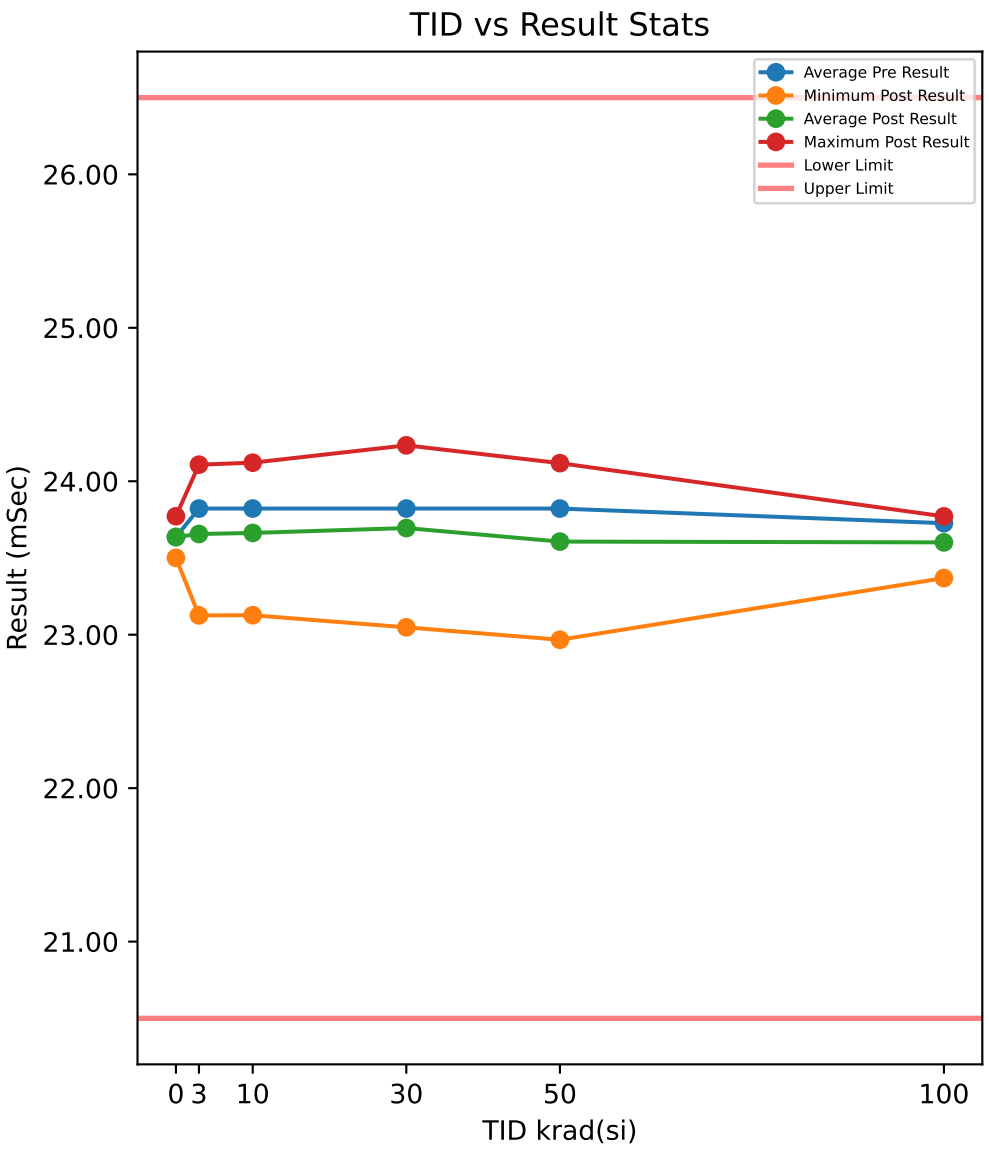
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

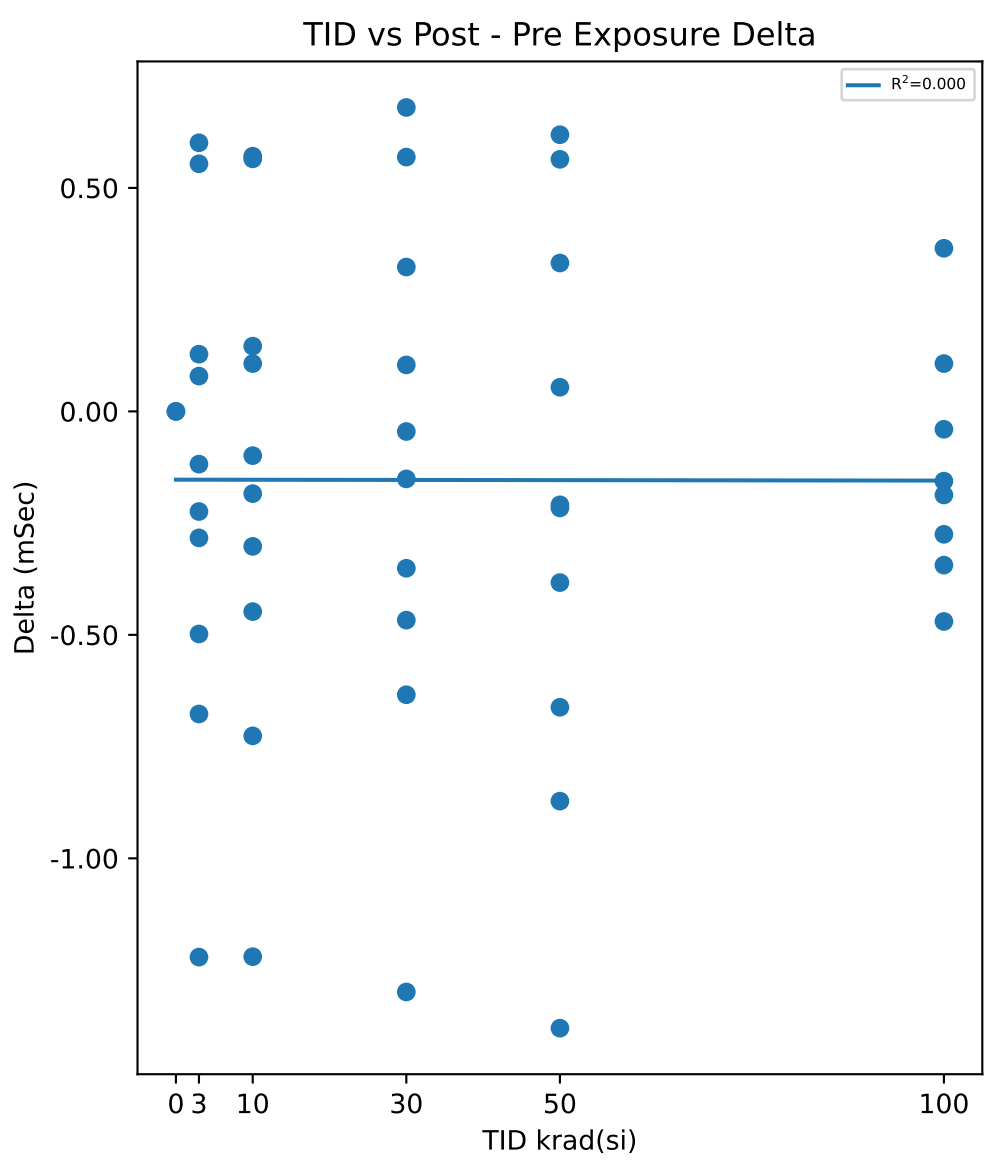
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.458	3.458	0
7	0	Correlation	3.047	3.047	0
16	3	LDR-Biased	3.029	2.836	-0.193
18	3	LDR-Biased	3.208	3.135	-0.073
19	3	LDR-Biased	3.153	2.849	-0.304
20	3	LDR-Biased	3.573	3.225	-0.348
21	3	LDR-Biased	2.77	3.012	0.242
22	3	LDR-Unbiased	2.947	3.543	0.596
23	3	LDR-Unbiased	2.895	3.142	0.247
25	3	LDR-Unbiased	3.215	3.217	0.002
26	3	LDR-Unbiased	3.214	3.619	0.405
27	3	LDR-Unbiased	3.694	3.7	0.006
46	10	LDR-Biased	3.029	3.082	0.053
48	10	LDR-Biased	3.208	3.506	0.298
49	10	LDR-Biased	3.153	3.653	0.5
50	10	LDR-Biased	3.573	3.702	0.129
51	10	LDR-Biased	2.77	2.832	0.062
52	10	LDR-Unbiased	2.947	3.042	0.095
53	10	LDR-Unbiased	2.895	3.512	0.617
55	10	LDR-Unbiased	3.215	3.67	0.455
56	10	LDR-Unbiased	3.214	3.503	0.289
57	10	LDR-Unbiased	3.694	2.787	-0.907
76	30	LDR-Biased	3.029	3.265	0.236
78	30	LDR-Biased	3.208	3.072	-0.136
79	30	LDR-Biased	3.153	2.958	-0.195
80	30	LDR-Biased	3.573	3.147	-0.426
81	30	LDR-Biased	2.77	3.313	0.543
82	30	LDR-Unbiased	2.947	3.417	0.47
83	30	LDR-Unbiased	2.895	3.177	0.282
84	30	LDR-Unbiased	3.694	3.205	-0.489
85	30	LDR-Unbiased	3.215	3.252	0.037
86	30	LDR-Unbiased	3.214	3.28	0.066
87	100	LDR-Biased	3.207	3.483	0.276
88	100	LDR-Biased	2.968	3.509	0.541
90	100	LDR-Biased	3.019	3.184	0.165
91	100	LDR-Unbiased	2.864	3.44	0.576
93	100	LDR-Unbiased	3.181	3.576	0.395
94	100	LDR-Unbiased	3.714	2.918	-0.796
95	100	LDR-Unbiased	2.837	3.163	0.326
96	100	LDR-Unbiased	3.127	2.738	-0.389
106	50	LDR-Biased	3.029	3.474	0.445
108	50	LDR-Biased	3.208	2.732	-0.476
109	50	LDR-Biased	3.153	3.194	0.041
110	50	LDR-Biased	3.573	2.91	-0.663
111	50	LDR-Biased	2.77	3.363	0.593
112	50	LDR-Unbiased	2.947	3.471	0.524
113	50	LDR-Unbiased	2.895	3.424	0.529
115	50	LDR-Unbiased	3.215	3.335	0.12
116	50	LDR-Unbiased	3.214	2.964	-0.25
117	50	LDR-Unbiased	3.694	2.839	-0.855

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.047	3.2525	3.458	0.29062	3.047	3.2525	3.458	0.29062	0	0	0	0
3	2.77	3.1698	3.694	0.28827	2.836	3.2278	3.7	0.3046	-0.348	0.058	0.596	0.30936
10	2.77	3.1698	3.694	0.28827	2.787	3.3289	3.702	0.35584	-0.907	0.1591	0.617	0.4232
30	2.77	3.1698	3.694	0.28827	2.958	3.2086	3.417	0.12943	-0.489	0.0388	0.543	0.35257
50	2.77	3.1698	3.694	0.28827	2.732	3.1706	3.474	0.28363	-0.855	0.0008	0.593	0.5354
100	2.837	3.1146	3.714	0.27848	2.738	3.2514	3.576	0.30426	-0.796	0.13675	0.576	0.48188

Device Test: 5.140 tdly_Res1p18M_EN4_SD/EN4/7/3/1.18M/0/0/@DLY_TMR_1MOHM





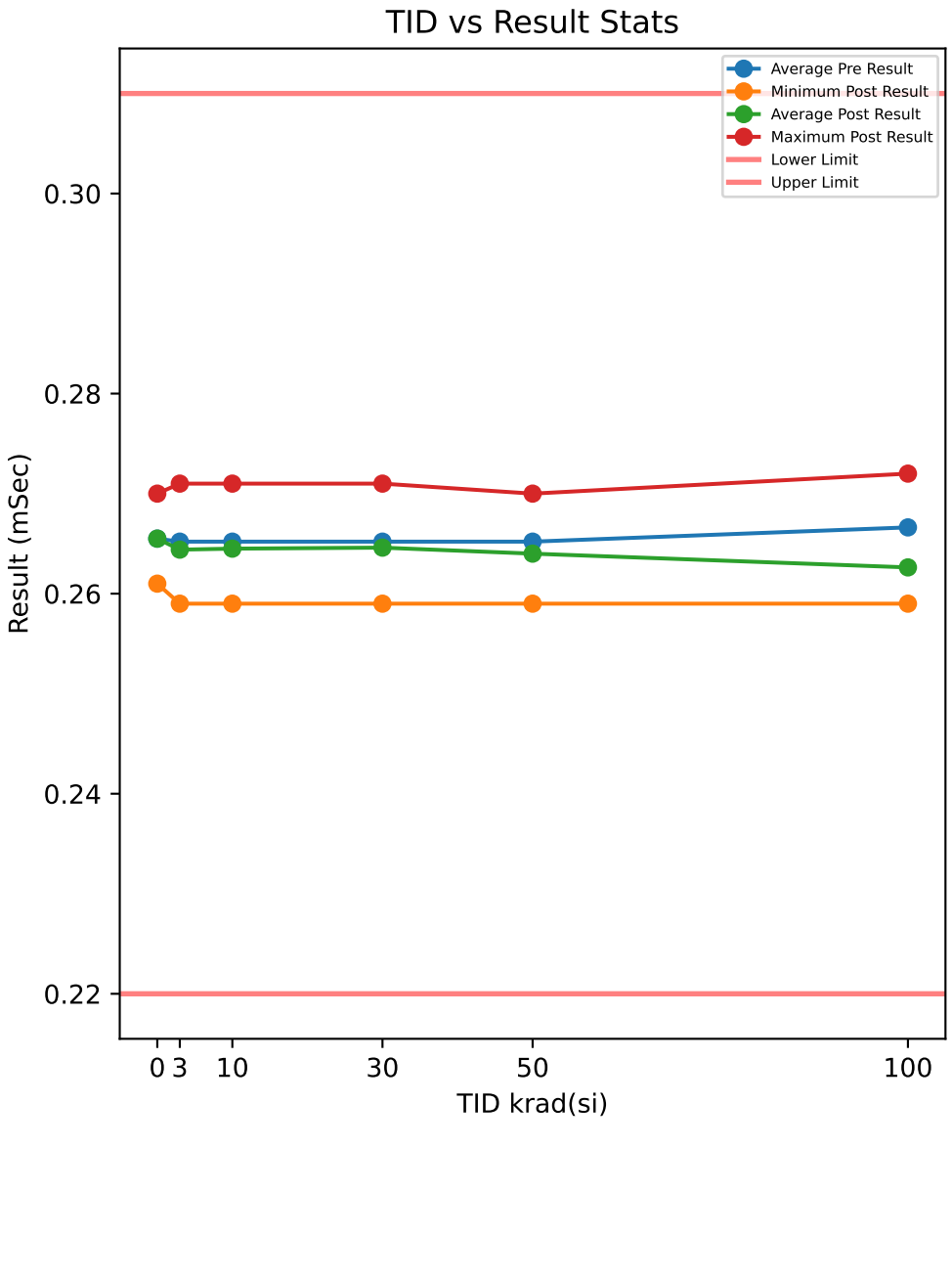
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

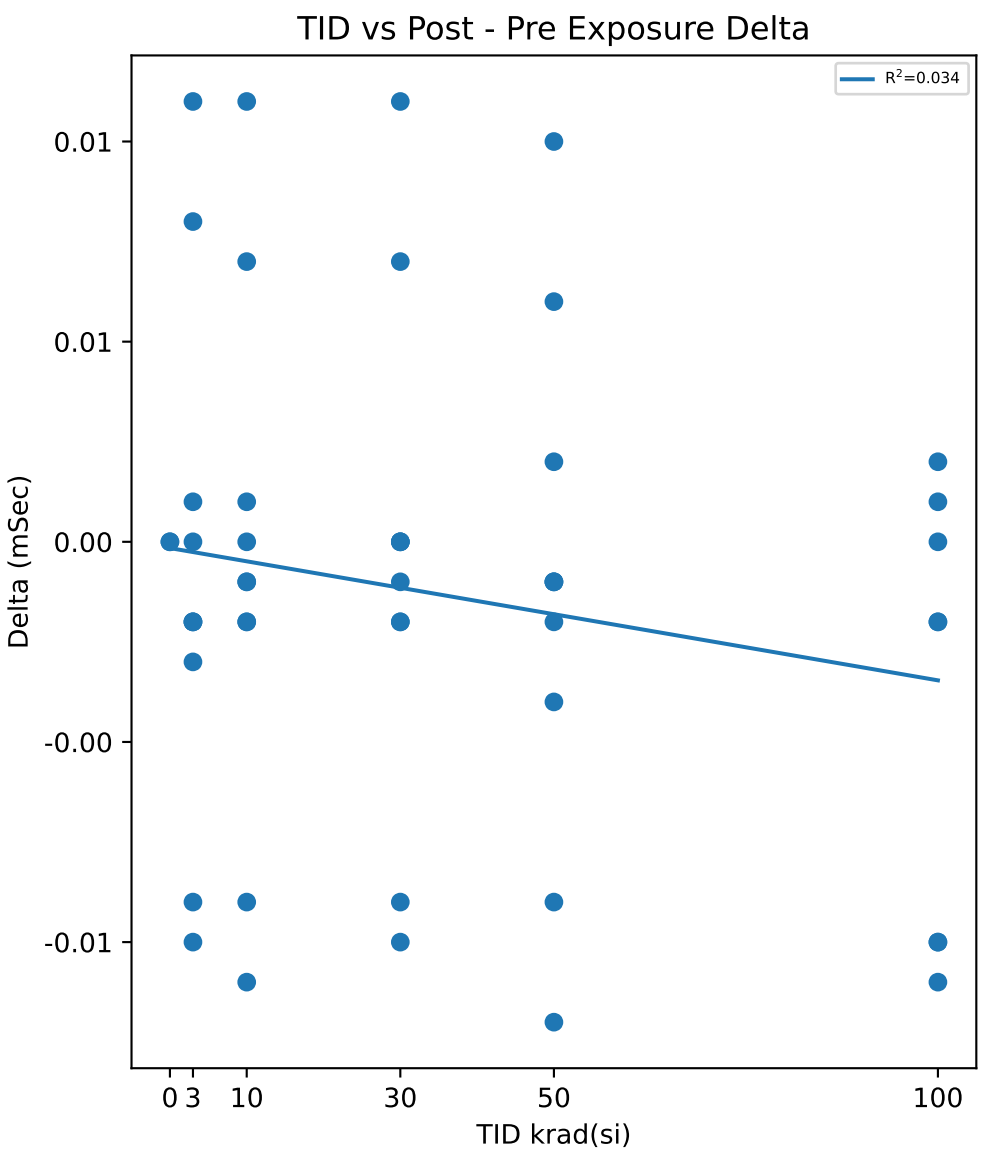
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.772	23.772	0
7	0	Correlation	23.501	23.501	0
16	3	LDR-Biased	24.041	23.364	-0.677
18	3	LDR-Biased	23.931	24.059	0.128
19	3	LDR-Biased	24.154	23.871	-0.283
20	3	LDR-Biased	23.837	23.339	-0.498
21	3	LDR-Biased	23.313	23.392	0.079
22	3	LDR-Unbiased	23.305	23.906	0.601
23	3	LDR-Unbiased	24.22	24.102	-0.118
25	3	LDR-Unbiased	24.347	23.126	-1.221
26	3	LDR-Unbiased	23.519	23.295	-0.224
27	3	LDR-Unbiased	23.554	24.108	0.554
46	10	LDR-Biased	24.041	23.315	-0.726
48	10	LDR-Biased	23.931	24.077	0.146
49	10	LDR-Biased	24.154	23.852	-0.302
50	10	LDR-Biased	23.837	23.389	-0.448
51	10	LDR-Biased	23.313	23.42	0.107
52	10	LDR-Unbiased	23.305	23.876	0.571
53	10	LDR-Unbiased	24.22	24.121	-0.099
55	10	LDR-Unbiased	24.347	23.127	-1.22
56	10	LDR-Unbiased	23.519	23.335	-0.184
57	10	LDR-Unbiased	23.554	24.119	0.565
76	30	LDR-Biased	24.041	23.407	-0.634
78	30	LDR-Biased	23.931	24.035	0.104
79	30	LDR-Biased	24.154	23.803	-0.351
80	30	LDR-Biased	23.837	23.37	-0.467
81	30	LDR-Biased	23.313	23.636	0.323
82	30	LDR-Unbiased	23.305	23.874	0.569
83	30	LDR-Unbiased	24.22	24.175	-0.045
84	30	LDR-Unbiased	23.554	24.234	0.68
85	30	LDR-Unbiased	24.347	23.048	-1.299
86	30	LDR-Unbiased	23.519	23.368	-0.151
87	100	LDR-Biased	23.591	23.551	-0.04
88	100	LDR-Biased	24.044	23.769	-0.275
90	100	LDR-Biased	23.927	23.771	-0.156
91	100	LDR-Unbiased	23.305	23.67	0.365
93	100	LDR-Unbiased	23.332	23.439	0.107
94	100	LDR-Unbiased	24.041	23.571	-0.47
95	100	LDR-Unbiased	24.017	23.673	-0.344
96	100	LDR-Unbiased	23.556	23.369	-0.187
106	50	LDR-Biased	24.041	23.169	-0.872
108	50	LDR-Biased	23.931	23.985	0.054
109	50	LDR-Biased	24.154	23.492	-0.662
110	50	LDR-Biased	23.837	23.454	-0.383
111	50	LDR-Biased	23.313	23.645	0.332
112	50	LDR-Unbiased	23.305	23.924	0.619
113	50	LDR-Unbiased	24.22	24.011	-0.209
115	50	LDR-Unbiased	24.347	22.967	-1.38
116	50	LDR-Unbiased	23.519	23.303	-0.216
117	50	LDR-Unbiased	23.554	24.118	0.564

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.501	23.636	23.772	0.19163	23.501	23.636	23.772	0.19163	0	0	0	0
3	23.305	23.822	24.347	0.37923	23.126	23.656	24.108	0.38601	-1.221	-0.1659	0.601	0.55346
10	23.305	23.822	24.347	0.37923	23.127	23.663	24.121	0.38301	-1.22	-0.159	0.571	0.5554
30	23.305	23.822	24.347	0.37923	23.048	23.695	24.234	0.3941	-1.299	-0.1271	0.68	0.59584
50	23.305	23.822	24.347	0.37923	22.967	23.607	24.118	0.39436	-1.38	-0.2153	0.619	0.64039
100	23.305	23.727	24.044	0.31736	23.369	23.602	23.771	0.14665	-0.47	-0.125	0.365	0.26604

Device Test: 5.141 tdly_Res10p5K_EN1_SU/EN1/7/14/10.5K/0/0/@DLY_TMR_10KOHM





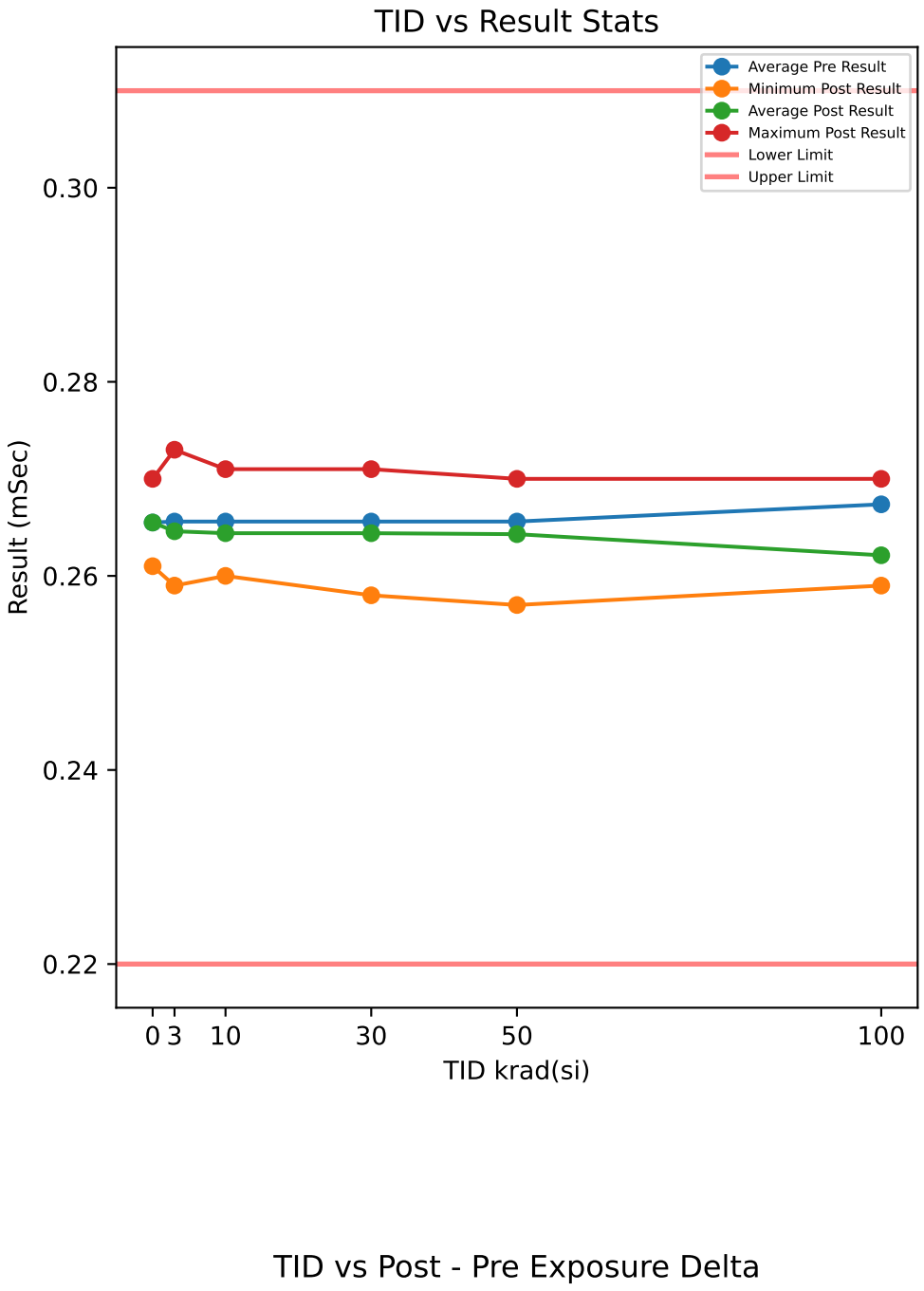
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

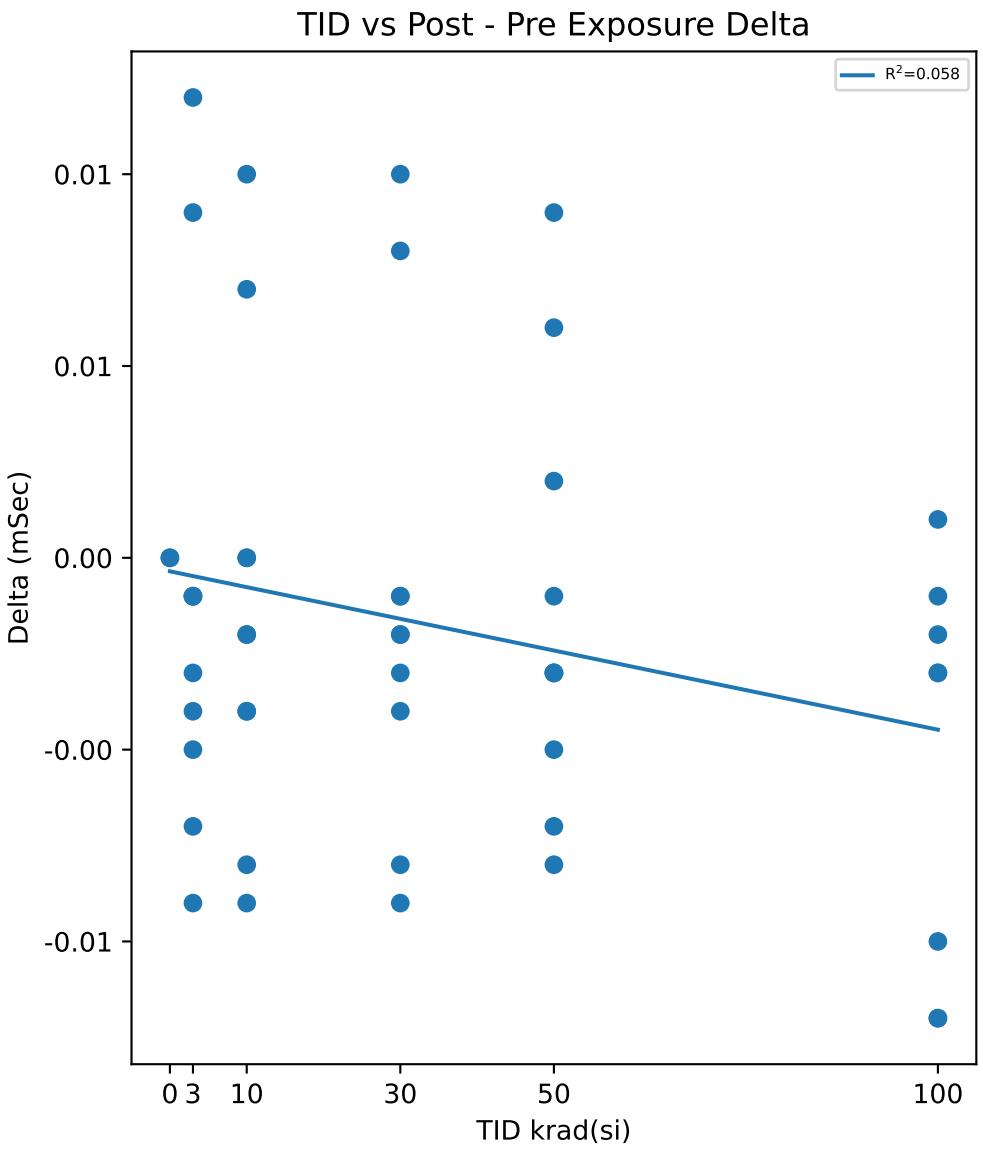
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.272	0.262	-0.01
18	3	LDR-Biased	0.27	0.268	-0.002
19	3	LDR-Biased	0.264	0.262	-0.002
20	3	LDR-Biased	0.271	0.262	-0.009
21	3	LDR-Biased	0.26	0.26	0
22	3	LDR-Unbiased	0.262	0.27	0.008
23	3	LDR-Unbiased	0.263	0.26	-0.003
25	3	LDR-Unbiased	0.261	0.259	-0.002
26	3	LDR-Unbiased	0.26	0.271	0.011
27	3	LDR-Unbiased	0.269	0.27	0.001
46	10	LDR-Biased	0.272	0.263	-0.009
48	10	LDR-Biased	0.27	0.27	0
49	10	LDR-Biased	0.264	0.262	-0.002
50	10	LDR-Biased	0.271	0.26	-0.011
51	10	LDR-Biased	0.26	0.261	0.001
52	10	LDR-Unbiased	0.262	0.269	0.007
53	10	LDR-Unbiased	0.263	0.262	-0.001
55	10	LDR-Unbiased	0.261	0.259	-0.002
56	10	LDR-Unbiased	0.26	0.271	0.011
57	10	LDR-Unbiased	0.269	0.268	-0.001
76	30	LDR-Biased	0.272	0.263	-0.009
78	30	LDR-Biased	0.27	0.269	-0.001
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.271	0.261	-0.01
81	30	LDR-Biased	0.26	0.26	0
82	30	LDR-Unbiased	0.262	0.269	0.007
83	30	LDR-Unbiased	0.263	0.263	0
84	30	LDR-Unbiased	0.269	0.269	0
85	30	LDR-Unbiased	0.261	0.259	-0.002
86	30	LDR-Unbiased	0.26	0.271	0.011
87	100	LDR-Biased	0.259	0.261	0.002
88	100	LDR-Biased	0.271	0.269	-0.002
90	100	LDR-Biased	0.271	0.272	0.001
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.259	0.259	0
94	100	LDR-Unbiased	0.271	0.26	-0.011
95	100	LDR-Unbiased	0.27	0.26	-0.01
96	100	LDR-Unbiased	0.27	0.26	-0.01
106	50	LDR-Biased	0.272	0.263	-0.009
108	50	LDR-Biased	0.27	0.269	-0.001
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.271	0.259	-0.012
111	50	LDR-Biased	0.26	0.262	0.002
112	50	LDR-Unbiased	0.262	0.268	0.006
113	50	LDR-Unbiased	0.263	0.262	-0.001
115	50	LDR-Unbiased	0.261	0.259	-0.002
116	50	LDR-Unbiased	0.26	0.27	0.01
117	50	LDR-Unbiased	0.269	0.268	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.2655	0.27	0.006364	0.261	0.2655	0.27	0.006364	0	0	0	0
3	0.26	0.2652	0.272	0.0047796	0.259	0.2644	0.271	0.0047656	-0.01	-0.0008	0.011	0.0065115
10	0.26	0.2652	0.272	0.0047796	0.259	0.2645	0.271	0.0045031	-0.011	-0.0007	0.011	0.0064816
30	0.26	0.2652	0.272	0.0047796	0.259	0.2646	0.271	0.0044272	-0.01	-0.0006	0.011	0.0062929
50	0.26	0.2652	0.272	0.0047796	0.259	0.264	0.27	0.0043205	-0.012	-0.0012	0.01	0.0064429
100	0.259	0.26663	0.271	0.005579	0.259	0.26262	0.272	0.0049552	-0.011	-0.004	0.002	0.0054248

Device Test: 5.142 tdly_Res10p5K_EN2_SU/EN2/7/14/10.5K/0/0/@DLY_TMR_10KOHM





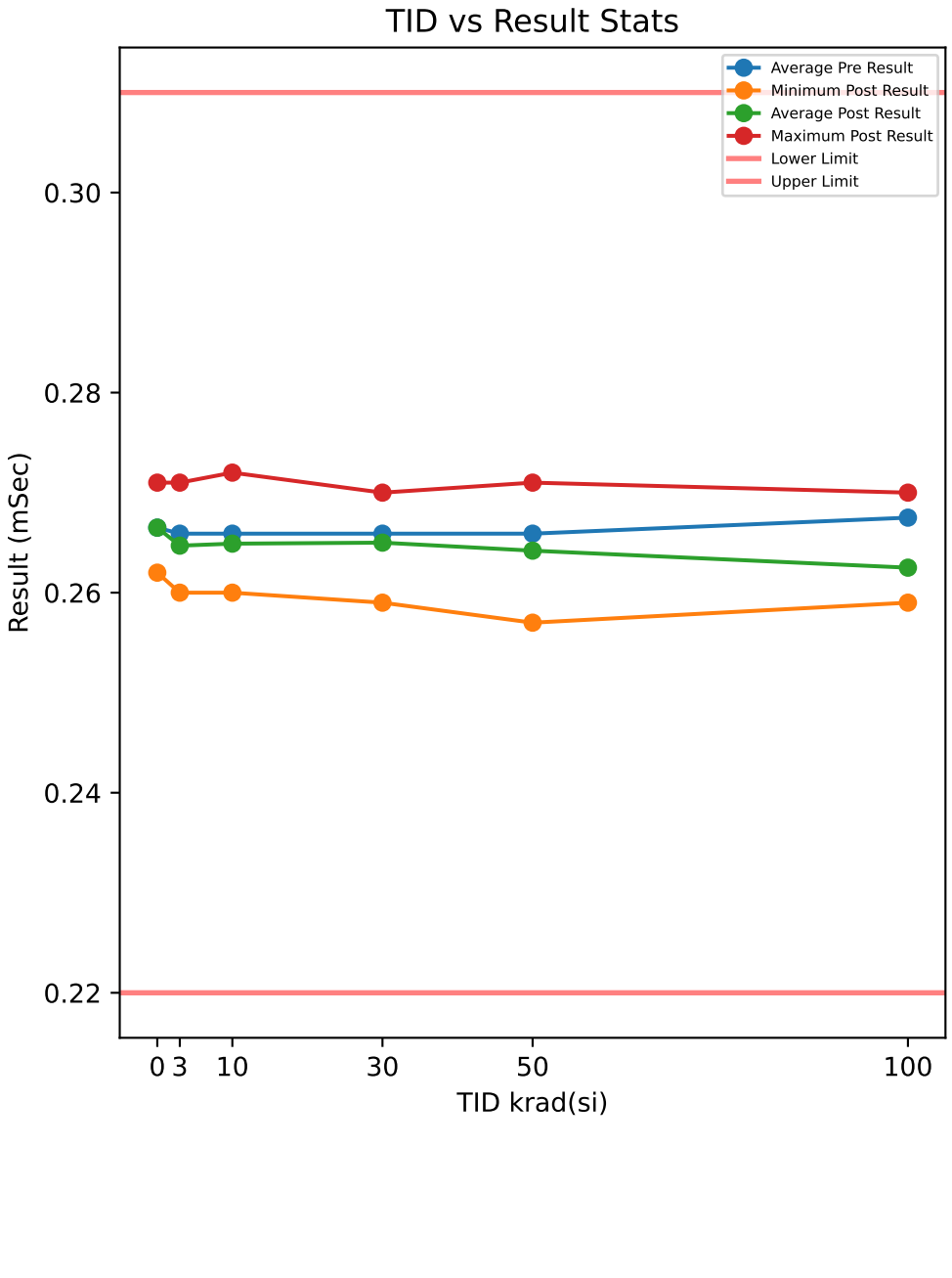
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

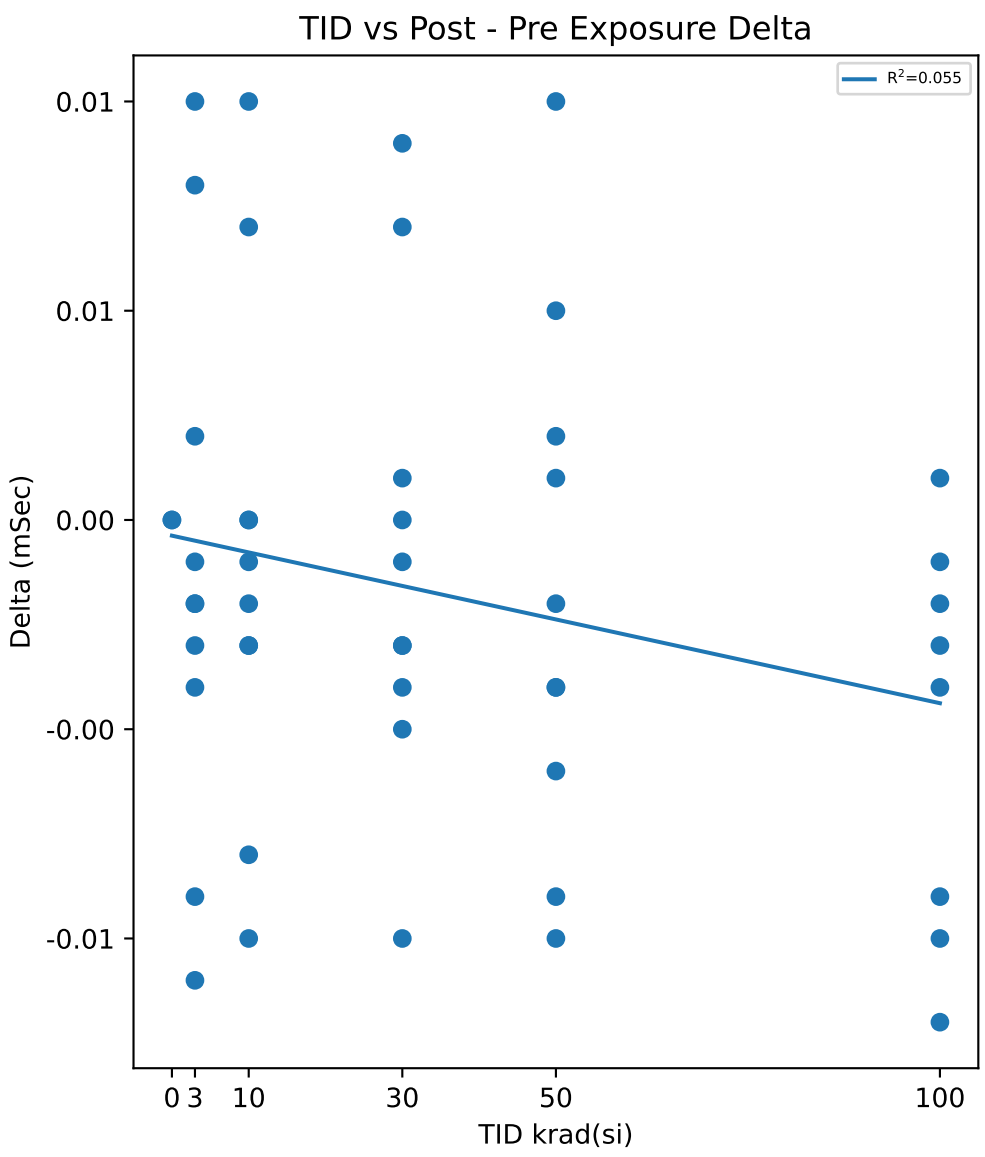
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.271	0.27	-0.001
19	3	LDR-Biased	0.264	0.259	-0.005
20	3	LDR-Biased	0.269	0.262	-0.007
21	3	LDR-Biased	0.26	0.259	-0.001
22	3	LDR-Unbiased	0.262	0.271	0.009
23	3	LDR-Unbiased	0.263	0.262	-0.001
25	3	LDR-Unbiased	0.262	0.259	-0.003
26	3	LDR-Unbiased	0.261	0.273	0.012
27	3	LDR-Unbiased	0.272	0.268	-0.004
46	10	LDR-Biased	0.272	0.263	-0.009
48	10	LDR-Biased	0.271	0.271	0
49	10	LDR-Biased	0.264	0.26	-0.004
50	10	LDR-Biased	0.269	0.261	-0.008
51	10	LDR-Biased	0.26	0.26	0
52	10	LDR-Unbiased	0.262	0.269	0.007
53	10	LDR-Unbiased	0.263	0.261	-0.002
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.261	0.271	0.01
57	10	LDR-Unbiased	0.272	0.268	-0.004
76	30	LDR-Biased	0.272	0.263	-0.009
78	30	LDR-Biased	0.271	0.269	-0.002
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.269	0.261	-0.008
81	30	LDR-Biased	0.26	0.259	-0.001
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.263	0.262	-0.001
84	30	LDR-Unbiased	0.272	0.269	-0.003
85	30	LDR-Unbiased	0.262	0.258	-0.004
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.26	0.261	0.001
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.27	0.268	-0.002
91	100	LDR-Unbiased	0.262	0.259	-0.003
93	100	LDR-Unbiased	0.26	0.259	-0.001
94	100	LDR-Unbiased	0.273	0.261	-0.012
95	100	LDR-Unbiased	0.272	0.26	-0.012
96	100	LDR-Unbiased	0.269	0.259	-0.01
106	50	LDR-Biased	0.272	0.264	-0.008
108	50	LDR-Biased	0.271	0.268	-0.003
109	50	LDR-Biased	0.264	0.261	-0.003
110	50	LDR-Biased	0.269	0.262	-0.007
111	50	LDR-Biased	0.26	0.262	0.002
112	50	LDR-Unbiased	0.262	0.268	0.006
113	50	LDR-Unbiased	0.263	0.262	-0.001
115	50	LDR-Unbiased	0.262	0.257	-0.005
116	50	LDR-Unbiased	0.261	0.27	0.009
117	50	LDR-Unbiased	0.272	0.269	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.2655	0.27	0.006364	0.261	0.2655	0.27	0.006364	0	0	0	0
3	0.26	0.2656	0.272	0.0048351	0.259	0.2646	0.273	0.0053996	-0.009	-0.001	0.012	0.00665
10	0.26	0.2656	0.272	0.0048351	0.26	0.2644	0.271	0.0047656	-0.009	-0.0012	0.01	0.0059591
30	0.26	0.2656	0.272	0.0048351	0.258	0.2644	0.271	0.004858	-0.009	-0.0012	0.01	0.0060516
50	0.26	0.2656	0.272	0.0048351	0.257	0.2643	0.27	0.0042439	-0.008	-0.0013	0.009	0.0054782
100	0.26	0.26738	0.273	0.0057554	0.259	0.26212	0.27	0.0043569	-0.012	-0.00525	0.001	0.0052304

Device Test: 5.143 tdly_Res10p5K_EN3_SU/EN3/7/14/10.5K/0/0/@DLY_TMR_10KOHM





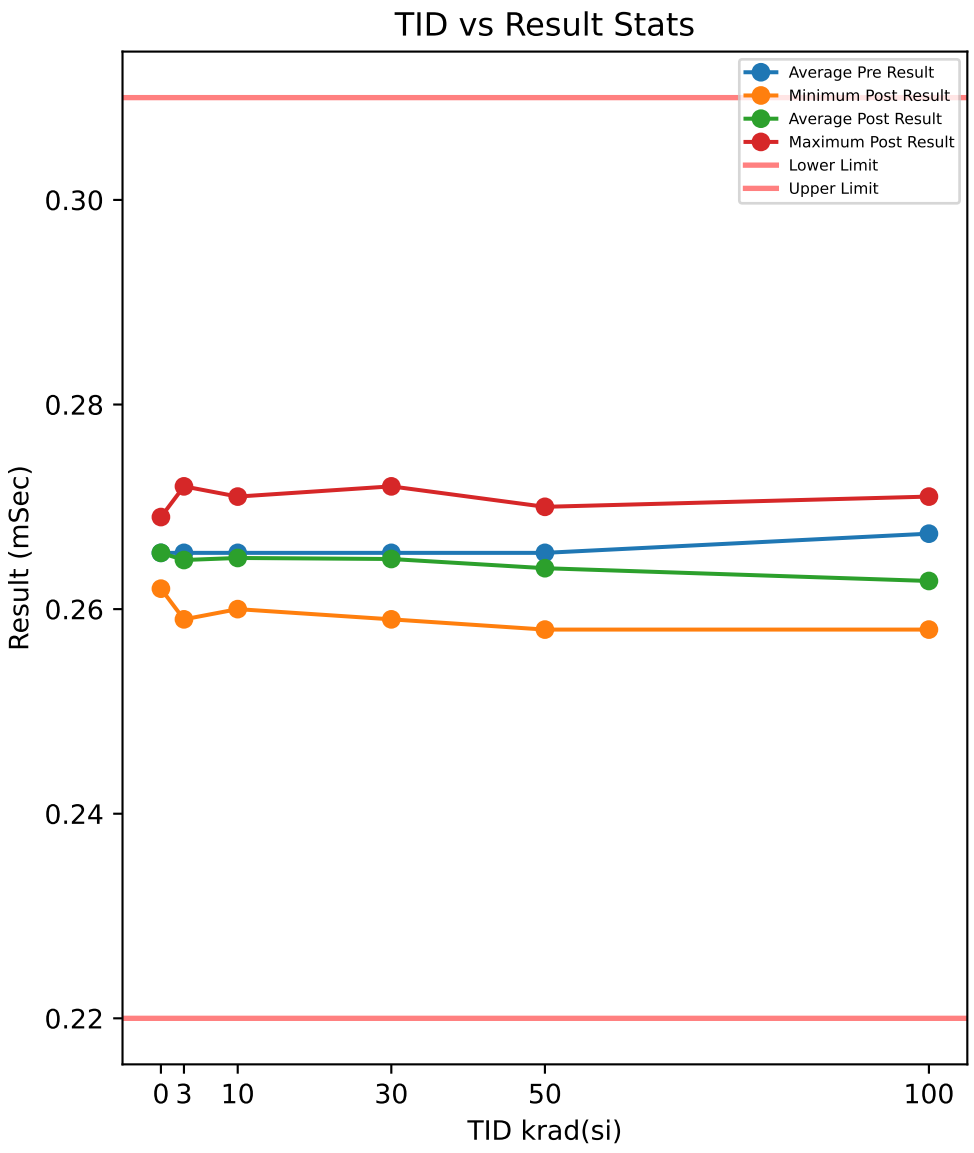
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

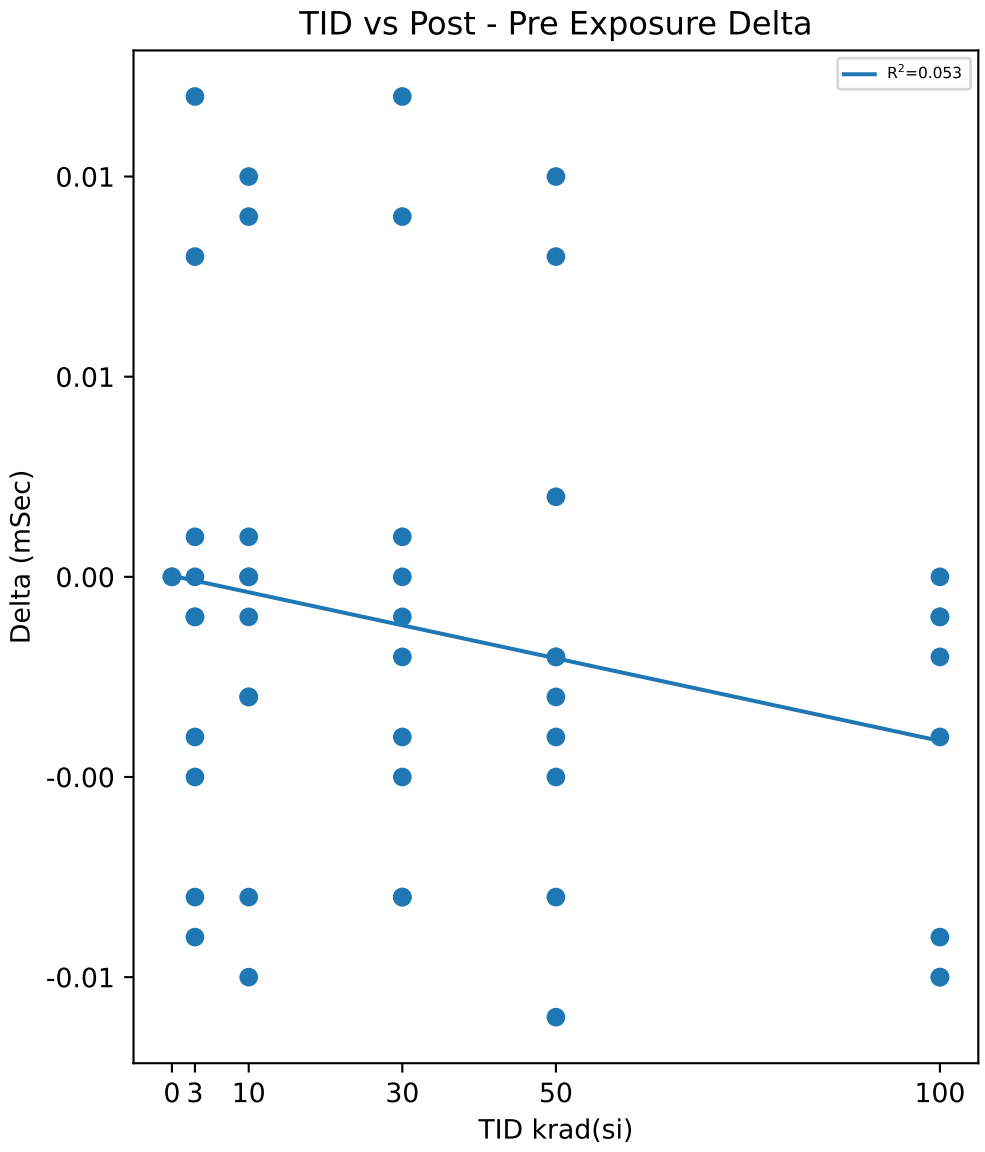
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.271	0.271	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.273	0.262	-0.011
18	3	LDR-Biased	0.272	0.27	-0.002
19	3	LDR-Biased	0.264	0.26	-0.004
20	3	LDR-Biased	0.269	0.26	-0.009
21	3	LDR-Biased	0.261	0.26	-0.001
22	3	LDR-Unbiased	0.263	0.271	0.008
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.263	0.26	-0.003
26	3	LDR-Unbiased	0.261	0.271	0.01
27	3	LDR-Unbiased	0.269	0.271	0.002
46	10	LDR-Biased	0.273	0.263	-0.01
48	10	LDR-Biased	0.272	0.272	0
49	10	LDR-Biased	0.264	0.262	-0.002
50	10	LDR-Biased	0.269	0.261	-0.008
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.263	0.27	0.007
53	10	LDR-Unbiased	0.264	0.261	-0.003
55	10	LDR-Unbiased	0.263	0.26	-0.003
56	10	LDR-Unbiased	0.261	0.271	0.01
57	10	LDR-Unbiased	0.269	0.268	-0.001
76	30	LDR-Biased	0.273	0.263	-0.01
78	30	LDR-Biased	0.272	0.269	-0.003
79	30	LDR-Biased	0.264	0.261	-0.003
80	30	LDR-Biased	0.269	0.264	-0.005
81	30	LDR-Biased	0.261	0.261	0
82	30	LDR-Unbiased	0.263	0.27	0.007
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.269	0.27	0.001
85	30	LDR-Unbiased	0.263	0.259	-0.004
86	30	LDR-Unbiased	0.261	0.27	0.009
87	100	LDR-Biased	0.259	0.26	0.001
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.271	0.27	-0.001
91	100	LDR-Unbiased	0.263	0.259	-0.004
93	100	LDR-Unbiased	0.261	0.259	-0.002
94	100	LDR-Unbiased	0.272	0.26	-0.012
95	100	LDR-Unbiased	0.27	0.261	-0.009
96	100	LDR-Unbiased	0.271	0.261	-0.01
106	50	LDR-Biased	0.273	0.263	-0.01
108	50	LDR-Biased	0.272	0.268	-0.004
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.269	0.26	-0.009
111	50	LDR-Biased	0.261	0.262	0.001
112	50	LDR-Unbiased	0.263	0.268	0.005
113	50	LDR-Unbiased	0.264	0.262	-0.002
115	50	LDR-Unbiased	0.263	0.257	-0.006
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.269	0.271	0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.2665	0.271	0.006364	0.262	0.2665	0.271	0.006364	0	0	0	0
3	0.261	0.2659	0.273	0.0044585	0.26	0.2647	0.271	0.0052715	-0.011	-0.0012	0.01	0.0065794
10	0.261	0.2659	0.273	0.0044585	0.26	0.2649	0.272	0.0047714	-0.01	-0.001	0.01	0.0060185
30	0.261	0.2659	0.273	0.0044585	0.259	0.265	0.27	0.0043205	-0.01	-0.0009	0.009	0.0056065
50	0.261	0.2659	0.273	0.0044585	0.257	0.2642	0.271	0.0049396	-0.01	-0.0017	0.01	0.0062725
100	0.259	0.2675	0.273	0.0055549	0.259	0.2625	0.27	0.0046904	-0.012	-0.005	0.001	0.0047208

Device Test: 5.144 tdly_Res10p5K_EN4_SU/EN4/7/14/10.5K/0/0/@DLY_TMR_10KOHM





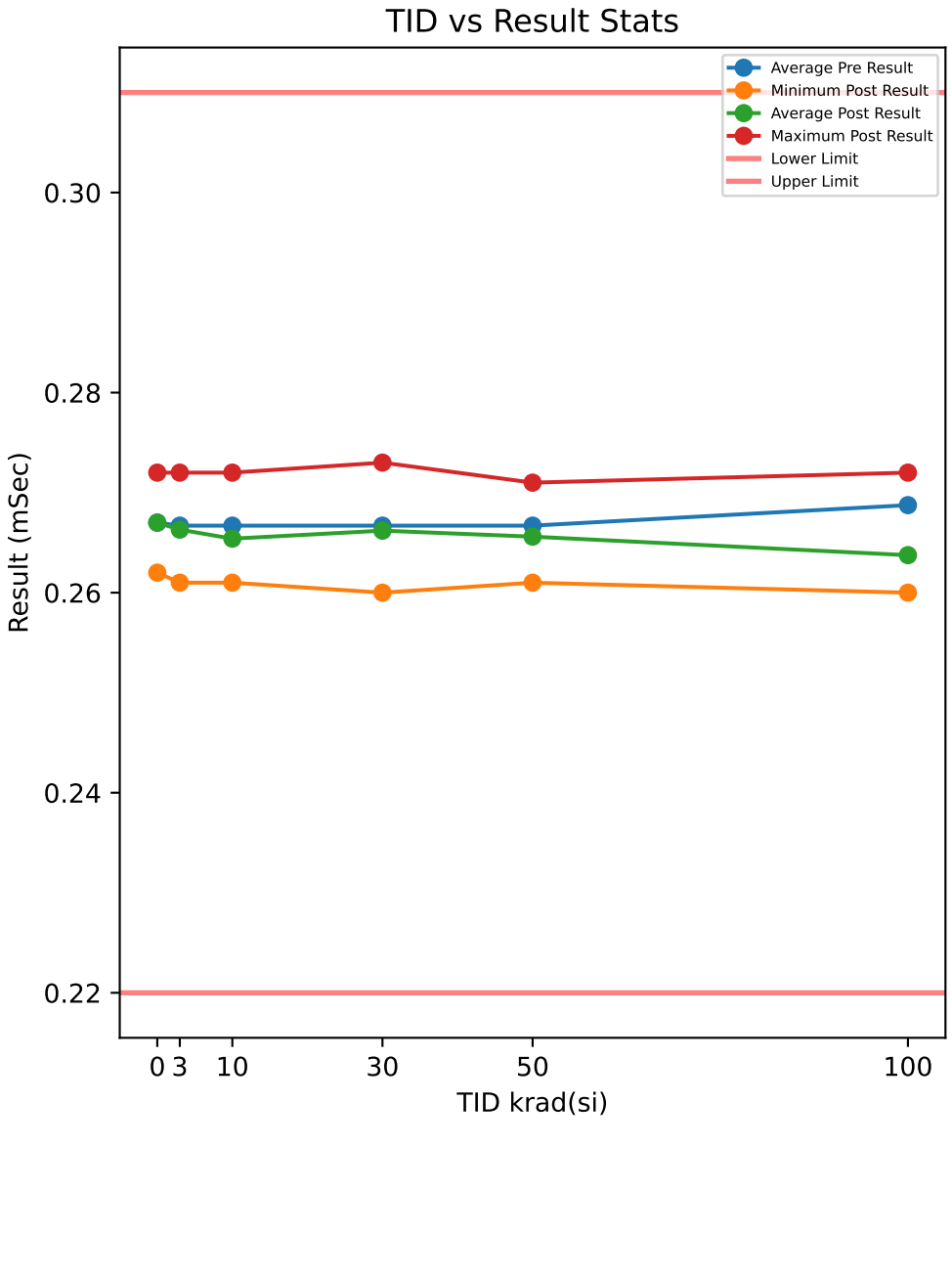
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

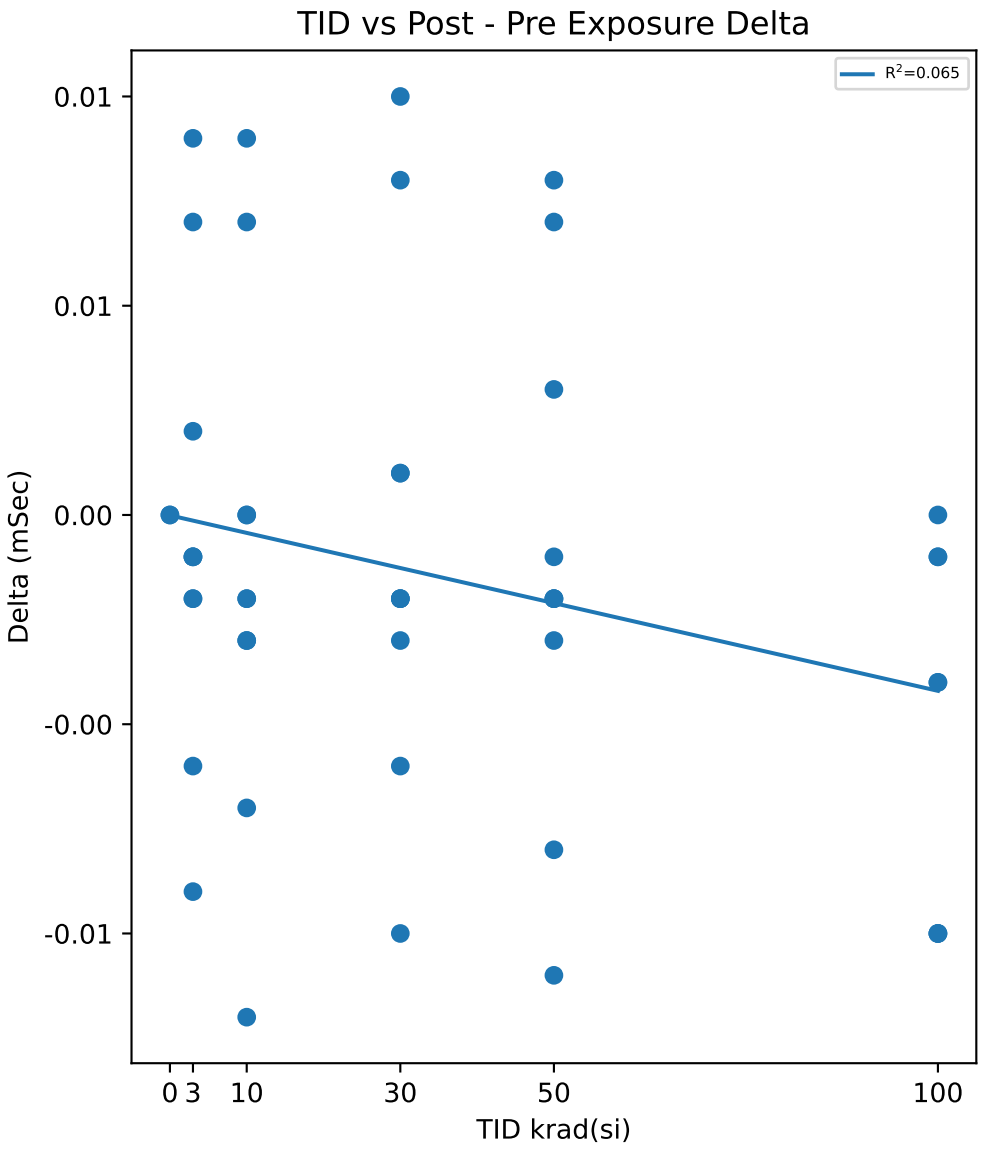
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.269	0.269	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.272	0.264	-0.008
18	3	LDR-Biased	0.271	0.27	-0.001
19	3	LDR-Biased	0.265	0.26	-0.005
20	3	LDR-Biased	0.27	0.261	-0.009
21	3	LDR-Biased	0.26	0.261	0.001
22	3	LDR-Unbiased	0.261	0.269	0.008
23	3	LDR-Unbiased	0.263	0.263	0
25	3	LDR-Unbiased	0.263	0.259	-0.004
26	3	LDR-Unbiased	0.26	0.272	0.012
27	3	LDR-Unbiased	0.27	0.269	-0.001
46	10	LDR-Biased	0.272	0.262	-0.01
48	10	LDR-Biased	0.271	0.271	0
49	10	LDR-Biased	0.265	0.262	-0.003
50	10	LDR-Biased	0.27	0.262	-0.008
51	10	LDR-Biased	0.26	0.261	0.001
52	10	LDR-Unbiased	0.261	0.27	0.009
53	10	LDR-Unbiased	0.263	0.263	0
55	10	LDR-Unbiased	0.263	0.26	-0.003
56	10	LDR-Unbiased	0.26	0.27	0.01
57	10	LDR-Unbiased	0.27	0.269	-0.001
76	30	LDR-Biased	0.272	0.264	-0.008
78	30	LDR-Biased	0.271	0.27	-0.001
79	30	LDR-Biased	0.265	0.26	-0.005
80	30	LDR-Biased	0.27	0.262	-0.008
81	30	LDR-Biased	0.26	0.261	0.001
82	30	LDR-Unbiased	0.261	0.27	0.009
83	30	LDR-Unbiased	0.263	0.261	-0.002
84	30	LDR-Unbiased	0.27	0.27	0
85	30	LDR-Unbiased	0.263	0.259	-0.004
86	30	LDR-Unbiased	0.26	0.272	0.012
87	100	LDR-Biased	0.261	0.259	-0.002
88	100	LDR-Biased	0.271	0.27	-0.001
90	100	LDR-Biased	0.271	0.271	0
91	100	LDR-Unbiased	0.262	0.258	-0.004
93	100	LDR-Unbiased	0.261	0.26	-0.001
94	100	LDR-Unbiased	0.272	0.262	-0.01
95	100	LDR-Unbiased	0.272	0.262	-0.01
96	100	LDR-Unbiased	0.269	0.26	-0.009
106	50	LDR-Biased	0.272	0.261	-0.011
108	50	LDR-Biased	0.271	0.268	-0.003
109	50	LDR-Biased	0.265	0.261	-0.004
110	50	LDR-Biased	0.27	0.262	-0.008
111	50	LDR-Biased	0.26	0.262	0.002
112	50	LDR-Unbiased	0.261	0.269	0.008
113	50	LDR-Unbiased	0.263	0.261	-0.002
115	50	LDR-Unbiased	0.263	0.258	-0.005
116	50	LDR-Unbiased	0.26	0.27	0.01
117	50	LDR-Unbiased	0.27	0.268	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.2655	0.269	0.0049497	0.262	0.2655	0.269	0.0049497	0	0	0	0
3	0.26	0.2655	0.272	0.00479	0.259	0.2648	0.272	0.0047563	-0.009	-0.0007	0.012	0.0066005
10	0.26	0.2655	0.272	0.00479	0.26	0.265	0.271	0.004397	-0.01	-0.0005	0.01	0.0063465
30	0.26	0.2655	0.272	0.00479	0.259	0.2649	0.272	0.0050211	-0.008	-0.0006	0.012	0.0066366
50	0.26	0.2655	0.272	0.00479	0.258	0.264	0.27	0.0042687	-0.011	-0.0015	0.01	0.0065701
100	0.261	0.26738	0.272	0.0050973	0.258	0.26275	0.271	0.0049785	-0.01	-0.004625	0	0.0043404

Device Test: 5.145 tdly_Res10p5K_SEQ_SU/SEQ_DONE/7/14/10.5K/0/0/@DLY_TMR_10KOHM





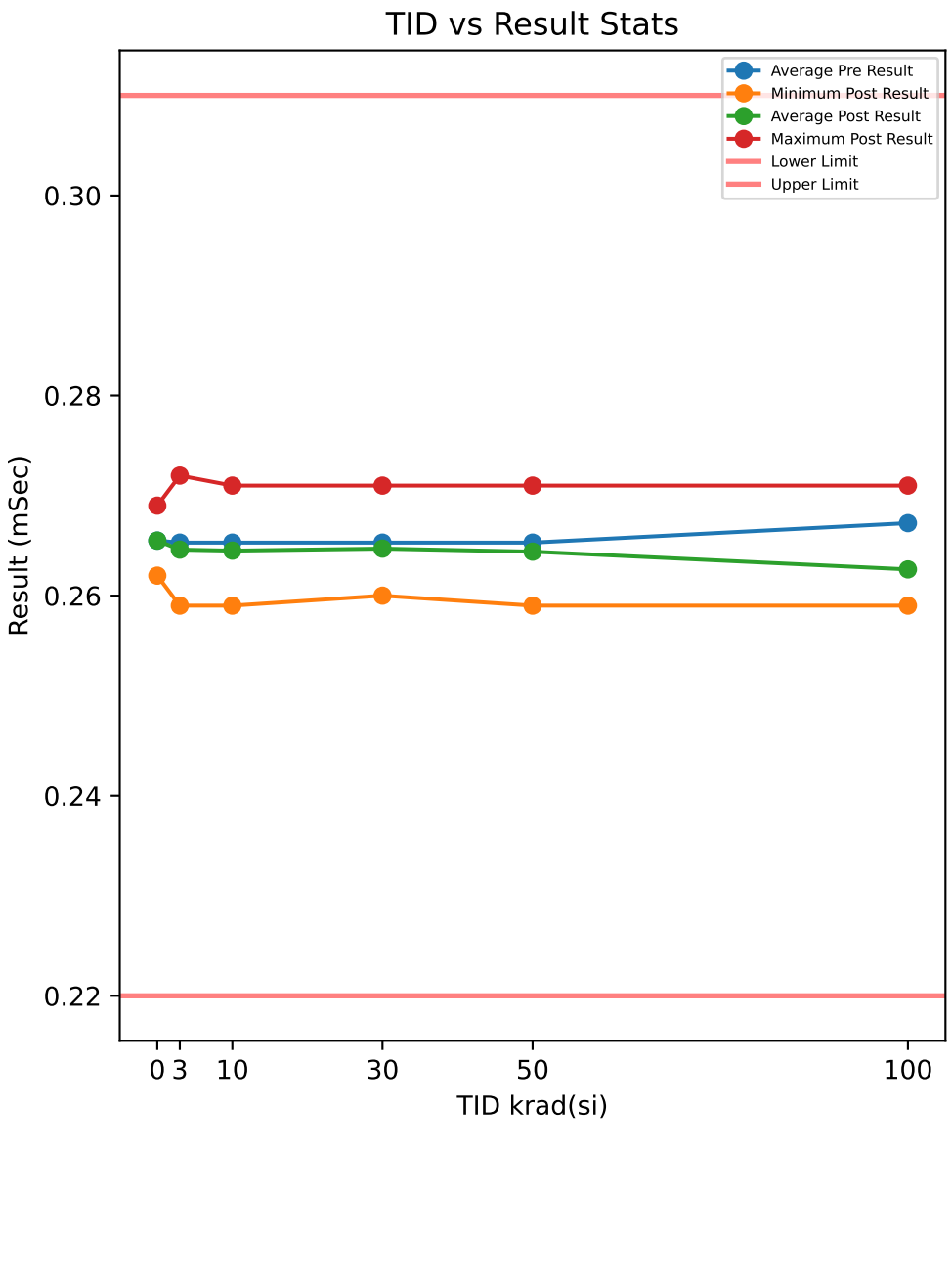
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

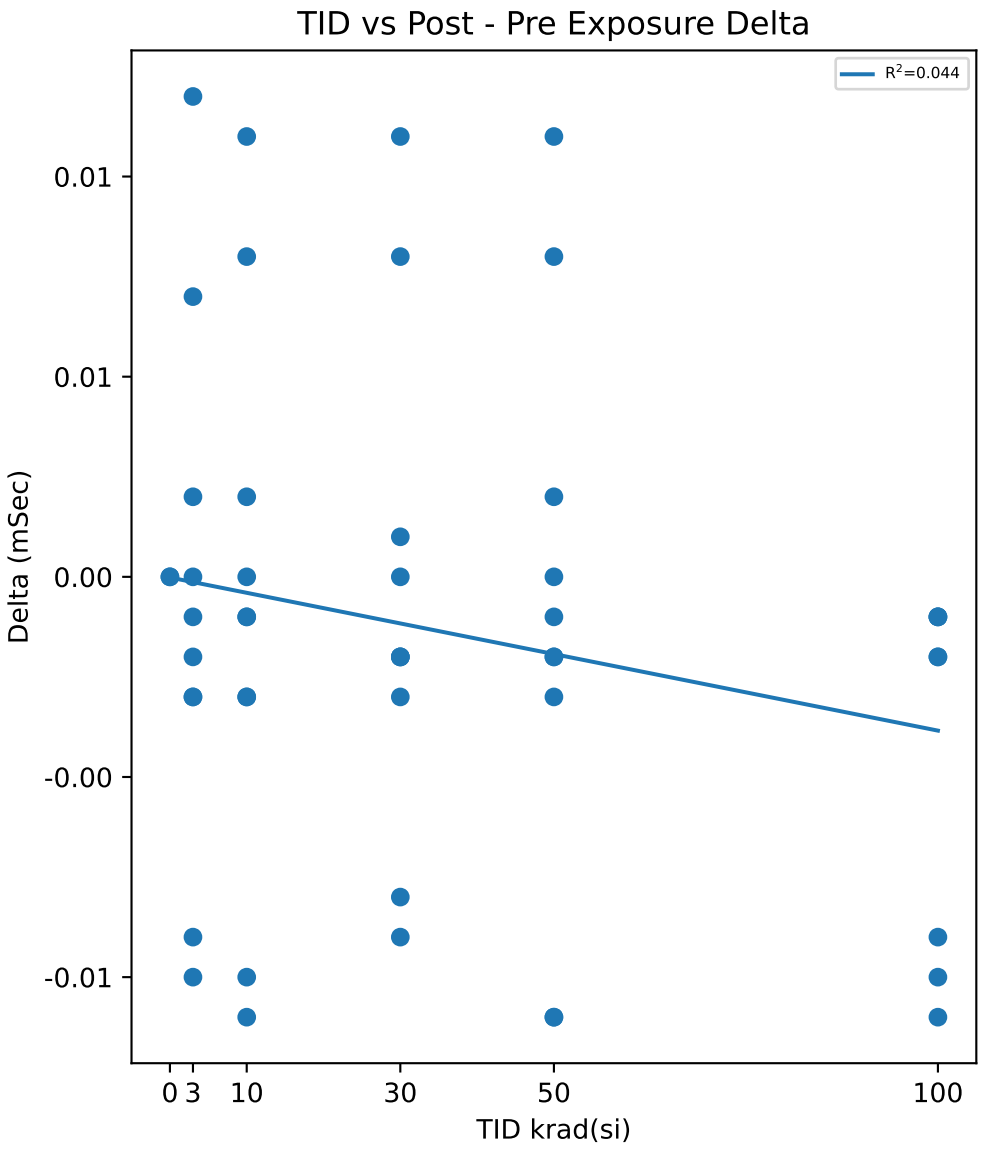
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.272	0.272	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.274	0.265	-0.009
18	3	LDR-Biased	0.273	0.271	-0.002
19	3	LDR-Biased	0.264	0.263	-0.001
20	3	LDR-Biased	0.27	0.264	-0.006
21	3	LDR-Biased	0.261	0.263	0.002
22	3	LDR-Unbiased	0.263	0.27	0.007
23	3	LDR-Unbiased	0.264	0.263	-0.001
25	3	LDR-Unbiased	0.263	0.261	-0.002
26	3	LDR-Unbiased	0.263	0.272	0.009
27	3	LDR-Unbiased	0.272	0.271	-0.001
46	10	LDR-Biased	0.274	0.262	-0.012
48	10	LDR-Biased	0.273	0.27	-0.003
49	10	LDR-Biased	0.264	0.262	-0.002
50	10	LDR-Biased	0.27	0.263	-0.007
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.263	0.27	0.007
53	10	LDR-Unbiased	0.264	0.264	0
55	10	LDR-Unbiased	0.263	0.261	-0.002
56	10	LDR-Unbiased	0.263	0.272	0.009
57	10	LDR-Unbiased	0.272	0.269	-0.003
76	30	LDR-Biased	0.274	0.264	-0.01
78	30	LDR-Biased	0.273	0.271	-0.002
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.27	0.264	-0.006
81	30	LDR-Biased	0.261	0.262	0.001
82	30	LDR-Unbiased	0.263	0.271	0.008
83	30	LDR-Unbiased	0.264	0.262	-0.002
84	30	LDR-Unbiased	0.272	0.273	0.001
85	30	LDR-Unbiased	0.263	0.26	-0.003
86	30	LDR-Unbiased	0.263	0.273	0.01
87	100	LDR-Biased	0.261	0.26	-0.001
88	100	LDR-Biased	0.272	0.272	0
90	100	LDR-Biased	0.273	0.269	-0.004
91	100	LDR-Unbiased	0.264	0.26	-0.004
93	100	LDR-Unbiased	0.263	0.262	-0.001
94	100	LDR-Unbiased	0.273	0.263	-0.01
95	100	LDR-Unbiased	0.272	0.262	-0.01
96	100	LDR-Unbiased	0.272	0.262	-0.01
106	50	LDR-Biased	0.274	0.263	-0.011
108	50	LDR-Biased	0.273	0.27	-0.003
109	50	LDR-Biased	0.264	0.262	-0.002
110	50	LDR-Biased	0.27	0.262	-0.008
111	50	LDR-Biased	0.261	0.264	0.003
112	50	LDR-Unbiased	0.263	0.27	0.007
113	50	LDR-Unbiased	0.264	0.263	-0.001
115	50	LDR-Unbiased	0.263	0.261	-0.002
116	50	LDR-Unbiased	0.263	0.271	0.008
117	50	LDR-Unbiased	0.272	0.27	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.267	0.272	0.0070711	0.262	0.267	0.272	0.0070711	0	0	0	0
3	0.261	0.2667	0.274	0.0049453	0.261	0.2663	0.272	0.0041913	-0.009	-0.0004	0.009	0.005379
10	0.261	0.2667	0.274	0.0049453	0.261	0.2654	0.272	0.0043256	-0.012	-0.0013	0.009	0.0060745
30	0.261	0.2667	0.274	0.0049453	0.26	0.2662	0.273	0.0051597	-0.01	-0.0005	0.01	0.0059675
50	0.261	0.2667	0.274	0.0049453	0.261	0.2656	0.271	0.0040879	-0.011	-0.0011	0.008	0.0059339
100	0.261	0.26875	0.273	0.00512	0.26	0.26375	0.272	0.0043671	-0.01	-0.005	0	0.0043753

Device Test: 5.146 tdly_Res10p5K_PWRGD_SU/PWRGD/7/14/10.5K/0/0/@DLY_TMR_10KOHM





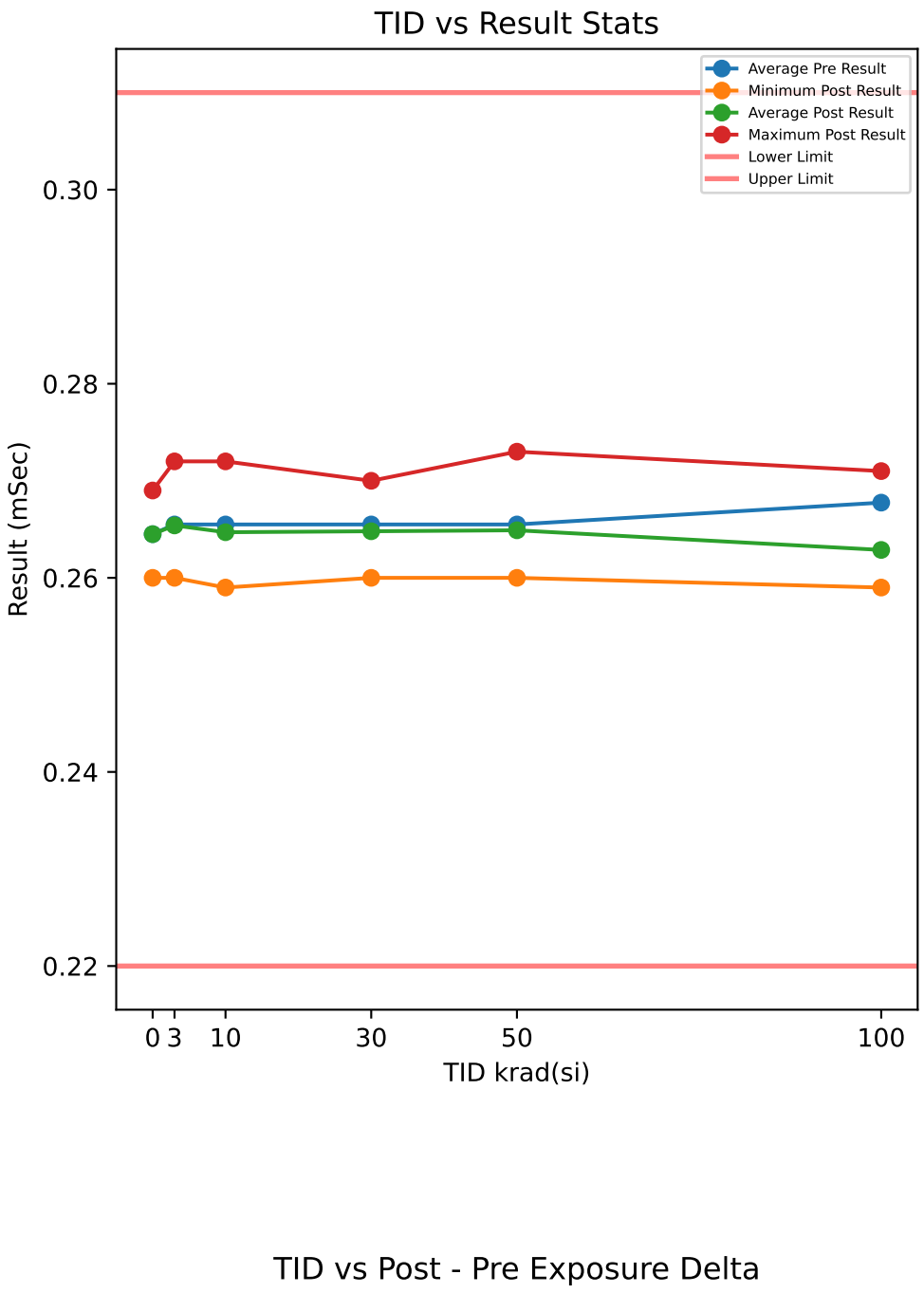
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

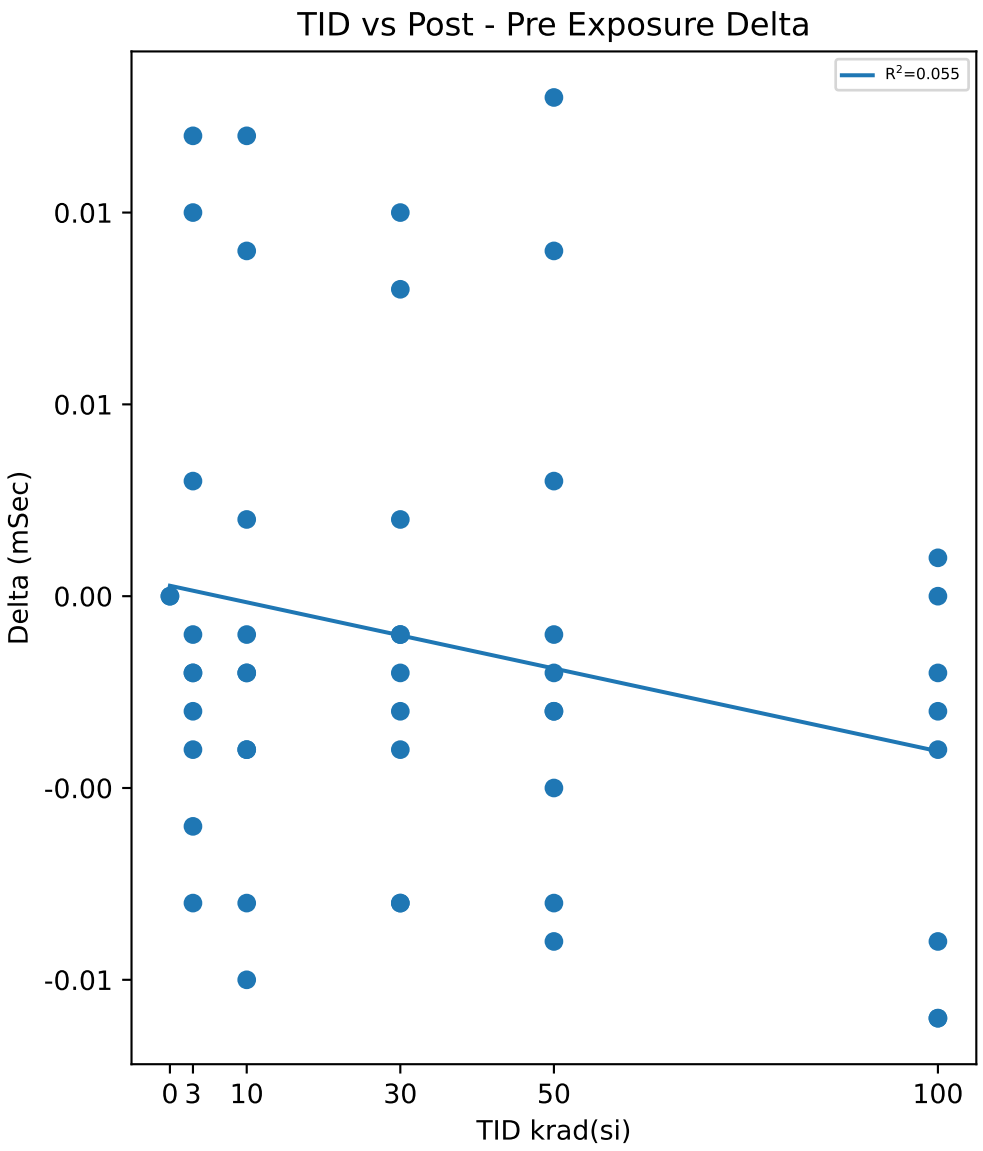
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.269	0.269	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.27	0.269	-0.001
19	3	LDR-Biased	0.262	0.26	-0.002
20	3	LDR-Biased	0.271	0.261	-0.01
21	3	LDR-Biased	0.259	0.261	0.002
22	3	LDR-Unbiased	0.262	0.269	0.007
23	3	LDR-Unbiased	0.263	0.263	0
25	3	LDR-Unbiased	0.262	0.259	-0.003
26	3	LDR-Unbiased	0.26	0.272	0.012
27	3	LDR-Unbiased	0.272	0.269	-0.003
46	10	LDR-Biased	0.272	0.262	-0.01
48	10	LDR-Biased	0.27	0.269	-0.001
49	10	LDR-Biased	0.262	0.262	0
50	10	LDR-Biased	0.271	0.26	-0.011
51	10	LDR-Biased	0.259	0.261	0.002
52	10	LDR-Unbiased	0.262	0.27	0.008
53	10	LDR-Unbiased	0.263	0.262	-0.001
55	10	LDR-Unbiased	0.262	0.259	-0.003
56	10	LDR-Unbiased	0.26	0.271	0.011
57	10	LDR-Unbiased	0.272	0.269	-0.003
76	30	LDR-Biased	0.272	0.264	-0.008
78	30	LDR-Biased	0.27	0.27	0
79	30	LDR-Biased	0.262	0.26	-0.002
80	30	LDR-Biased	0.271	0.262	-0.009
81	30	LDR-Biased	0.259	0.26	0.001
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.263	0.261	-0.002
84	30	LDR-Unbiased	0.272	0.269	-0.003
85	30	LDR-Unbiased	0.262	0.26	-0.002
86	30	LDR-Unbiased	0.26	0.271	0.011
87	100	LDR-Biased	0.26	0.259	-0.001
88	100	LDR-Biased	0.272	0.271	-0.001
90	100	LDR-Biased	0.27	0.269	-0.001
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.261	0.259	-0.002
94	100	LDR-Unbiased	0.272	0.262	-0.01
95	100	LDR-Unbiased	0.27	0.261	-0.009
96	100	LDR-Unbiased	0.271	0.26	-0.011
106	50	LDR-Biased	0.272	0.261	-0.011
108	50	LDR-Biased	0.27	0.27	0
109	50	LDR-Biased	0.262	0.261	-0.001
110	50	LDR-Biased	0.271	0.26	-0.011
111	50	LDR-Biased	0.259	0.261	0.002
112	50	LDR-Unbiased	0.262	0.27	0.008
113	50	LDR-Unbiased	0.263	0.261	-0.002
115	50	LDR-Unbiased	0.262	0.259	-0.003
116	50	LDR-Unbiased	0.26	0.271	0.011
117	50	LDR-Unbiased	0.272	0.27	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.2655	0.269	0.0049497	0.262	0.2655	0.269	0.0049497	0	0	0	0
3	0.259	0.2653	0.272	0.0052715	0.259	0.2646	0.272	0.0046714	-0.01	-0.0007	0.012	0.0066341
10	0.259	0.2653	0.272	0.0052715	0.259	0.2645	0.271	0.0046488	-0.011	-0.0008	0.011	0.0068605
30	0.259	0.2653	0.272	0.0052715	0.26	0.2647	0.271	0.0047387	-0.009	-0.0006	0.011	0.0062218
50	0.259	0.2653	0.272	0.0052715	0.259	0.2644	0.271	0.0050816	-0.011	-0.0009	0.011	0.0069992
100	0.26	0.26725	0.272	0.0052576	0.259	0.26262	0.271	0.0046885	-0.011	-0.004625	-0.001	0.004502

Device Test: 5.147 tdly_Res10p5K_EN1_SD/EN1/7/14/10.5K/0/0/@DLY_TMR_10KOHM





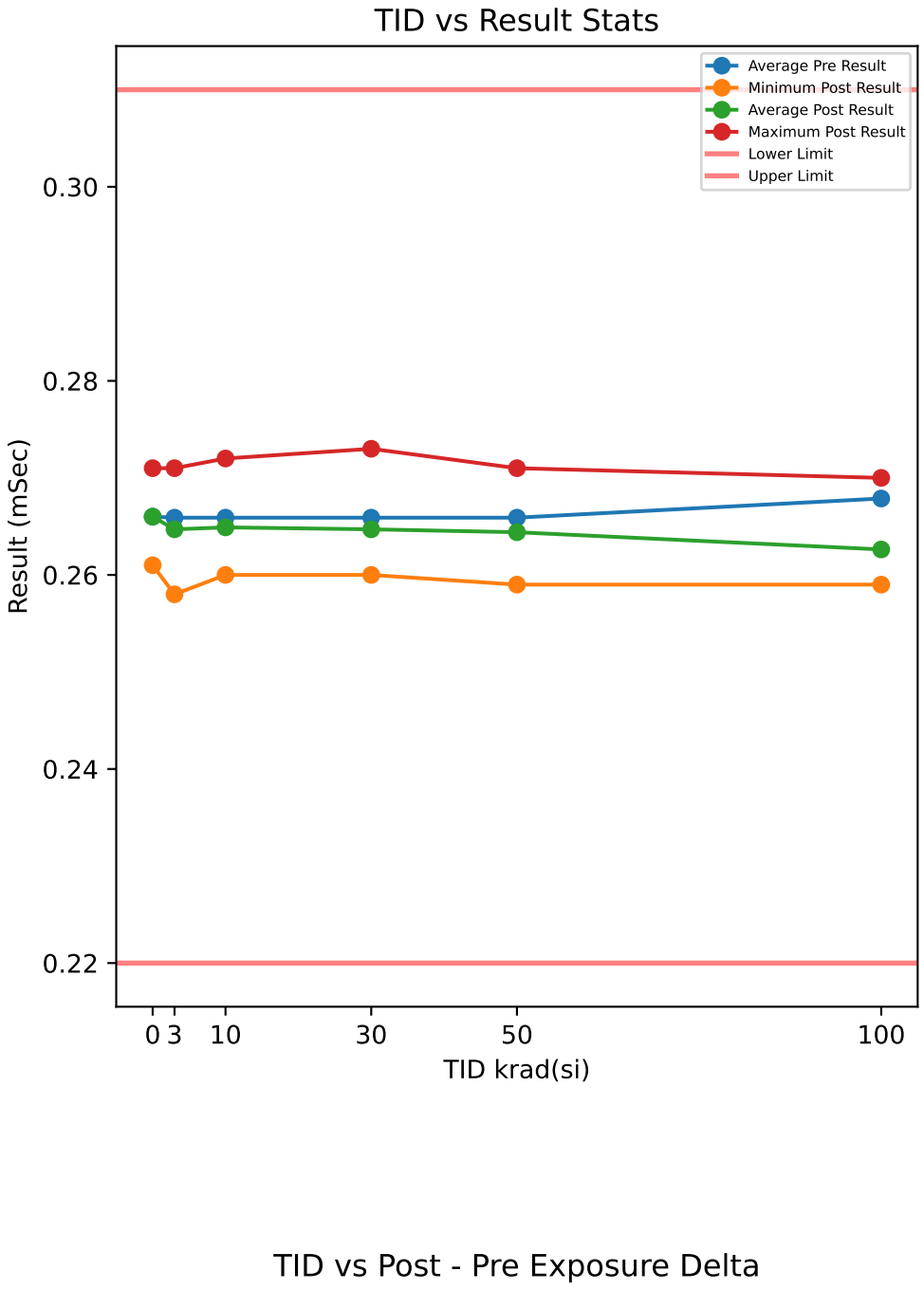
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

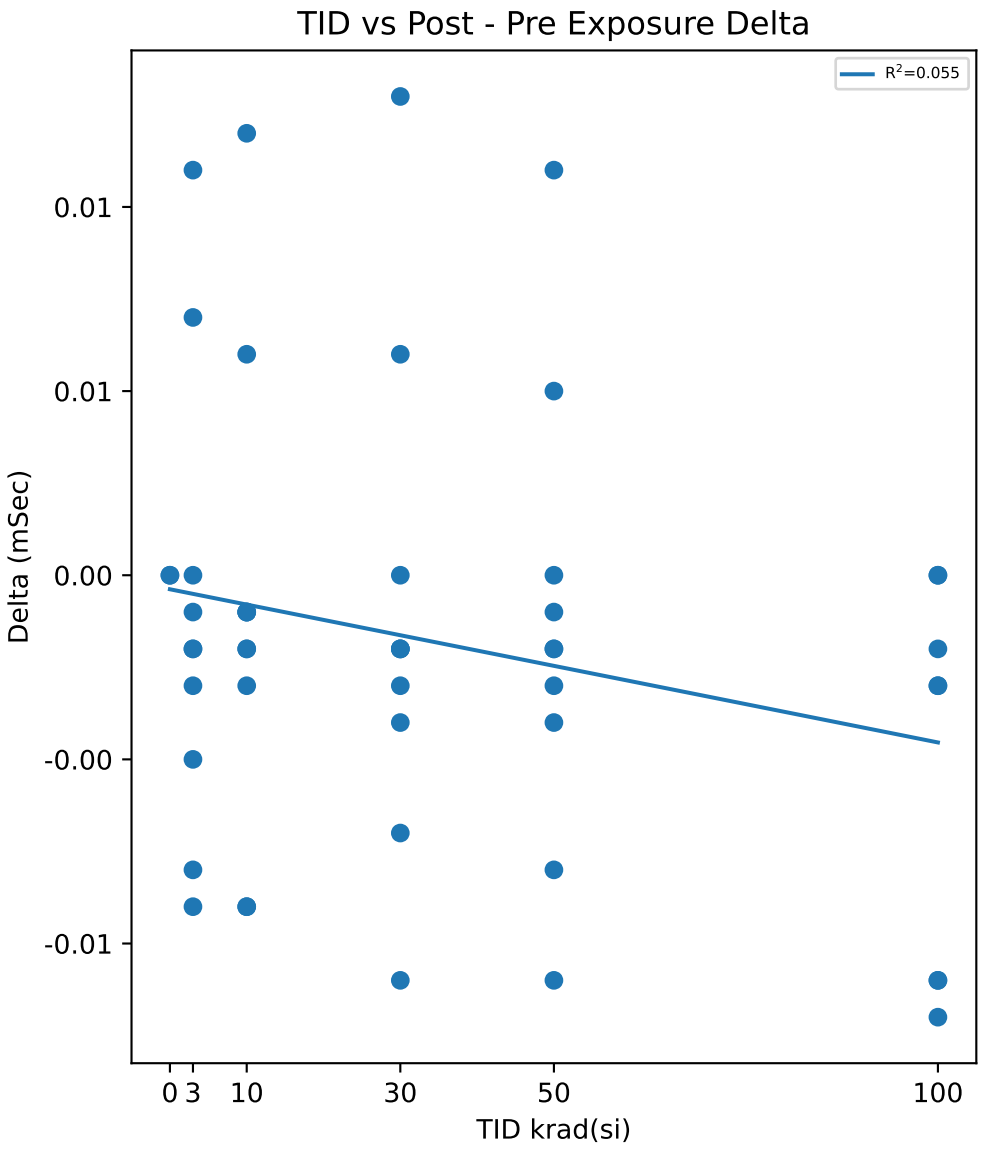
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.269	0.269	0
7	0	Correlation	0.26	0.26	0
16	3	LDR-Biased	0.271	0.263	-0.008
18	3	LDR-Biased	0.272	0.27	-0.002
19	3	LDR-Biased	0.265	0.261	-0.004
20	3	LDR-Biased	0.269	0.263	-0.006
21	3	LDR-Biased	0.259	0.262	0.003
22	3	LDR-Unbiased	0.261	0.271	0.01
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.263	0.26	-0.003
26	3	LDR-Unbiased	0.26	0.272	0.012
27	3	LDR-Unbiased	0.271	0.27	-0.001
46	10	LDR-Biased	0.271	0.261	-0.01
48	10	LDR-Biased	0.272	0.271	-0.001
49	10	LDR-Biased	0.265	0.261	-0.004
50	10	LDR-Biased	0.269	0.261	-0.008
51	10	LDR-Biased	0.259	0.261	0.002
52	10	LDR-Unbiased	0.261	0.27	0.009
53	10	LDR-Unbiased	0.264	0.262	-0.002
55	10	LDR-Unbiased	0.263	0.259	-0.004
56	10	LDR-Unbiased	0.26	0.272	0.012
57	10	LDR-Unbiased	0.271	0.269	-0.002
76	30	LDR-Biased	0.271	0.263	-0.008
78	30	LDR-Biased	0.272	0.27	-0.002
79	30	LDR-Biased	0.265	0.261	-0.004
80	30	LDR-Biased	0.269	0.261	-0.008
81	30	LDR-Biased	0.259	0.261	0.002
82	30	LDR-Unbiased	0.261	0.269	0.008
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.271	0.27	-0.001
85	30	LDR-Unbiased	0.263	0.26	-0.003
86	30	LDR-Unbiased	0.26	0.27	0.01
87	100	LDR-Biased	0.259	0.26	0.001
88	100	LDR-Biased	0.273	0.269	-0.004
90	100	LDR-Biased	0.271	0.271	0
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.262	0.259	-0.003
94	100	LDR-Unbiased	0.273	0.262	-0.011
95	100	LDR-Unbiased	0.271	0.262	-0.009
96	100	LDR-Unbiased	0.271	0.26	-0.011
106	50	LDR-Biased	0.271	0.263	-0.008
108	50	LDR-Biased	0.272	0.269	-0.003
109	50	LDR-Biased	0.265	0.26	-0.005
110	50	LDR-Biased	0.269	0.26	-0.009
111	50	LDR-Biased	0.259	0.262	0.003
112	50	LDR-Unbiased	0.261	0.27	0.009
113	50	LDR-Unbiased	0.264	0.262	-0.002
115	50	LDR-Unbiased	0.263	0.26	-0.003
116	50	LDR-Unbiased	0.26	0.273	0.013
117	50	LDR-Unbiased	0.271	0.27	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.2645	0.269	0.006364	0.26	0.2645	0.269	0.006364	0	0	0	0
3	0.259	0.2655	0.272	0.0049046	0.26	0.2654	0.272	0.0047188	-0.008	-0.0001	0.012	0.0065566
10	0.259	0.2655	0.272	0.0049046	0.259	0.2647	0.272	0.0051001	-0.01	-0.0008	0.012	0.0068928
30	0.259	0.2655	0.272	0.0049046	0.26	0.2648	0.27	0.0043665	-0.008	-0.0007	0.01	0.0059824
50	0.259	0.2655	0.272	0.0049046	0.26	0.2649	0.273	0.0050211	-0.009	-0.0006	0.013	0.0070585
100	0.259	0.26775	0.273	0.0057259	0.259	0.26288	0.271	0.0045493	-0.011	-0.004875	0.001	0.0048237

Device Test: 5.148 tdly_Res10p5K_EN2_SD/EN2/7/14/10.5K/0/0/@DLY_TMR_10KOHM





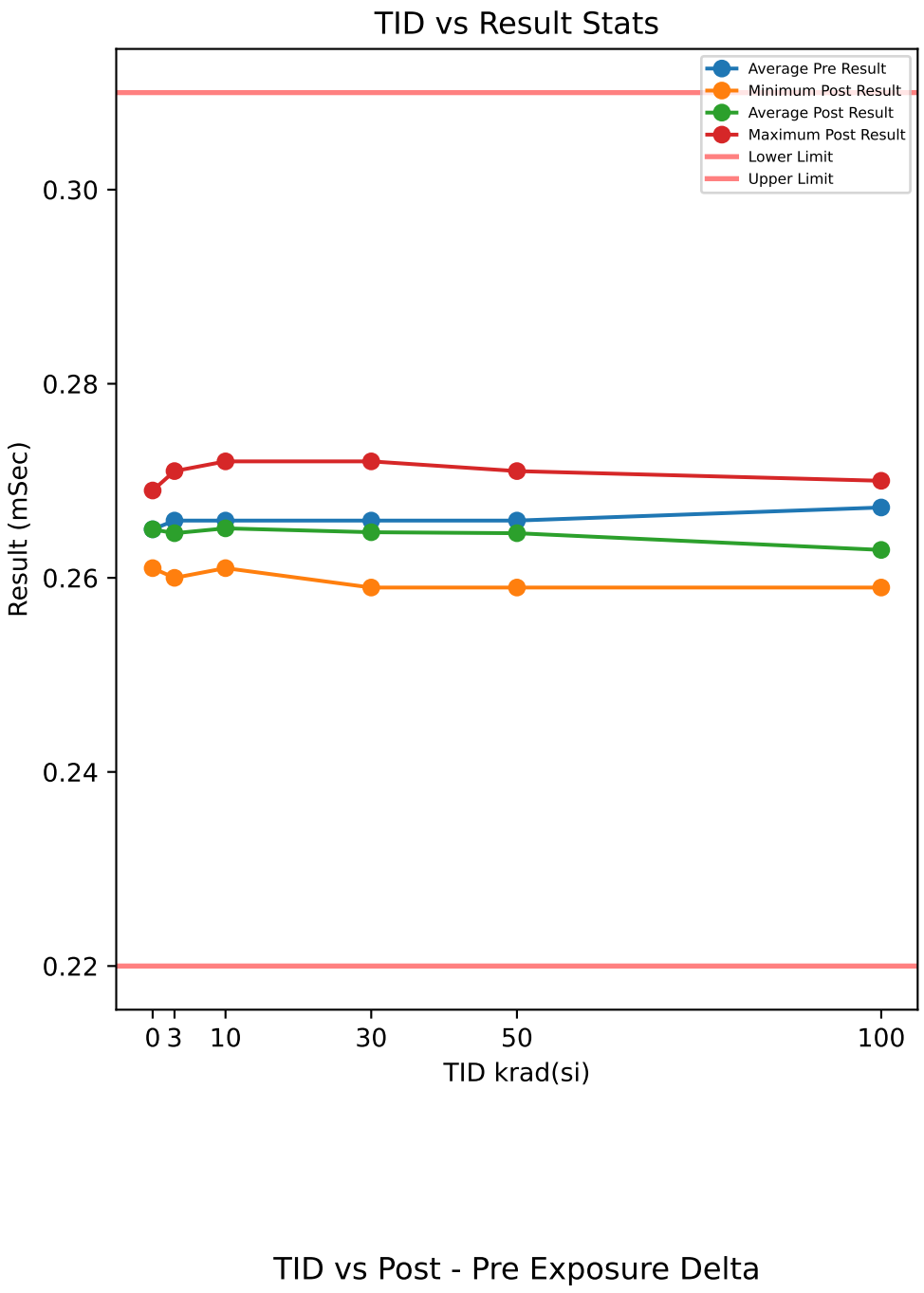
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

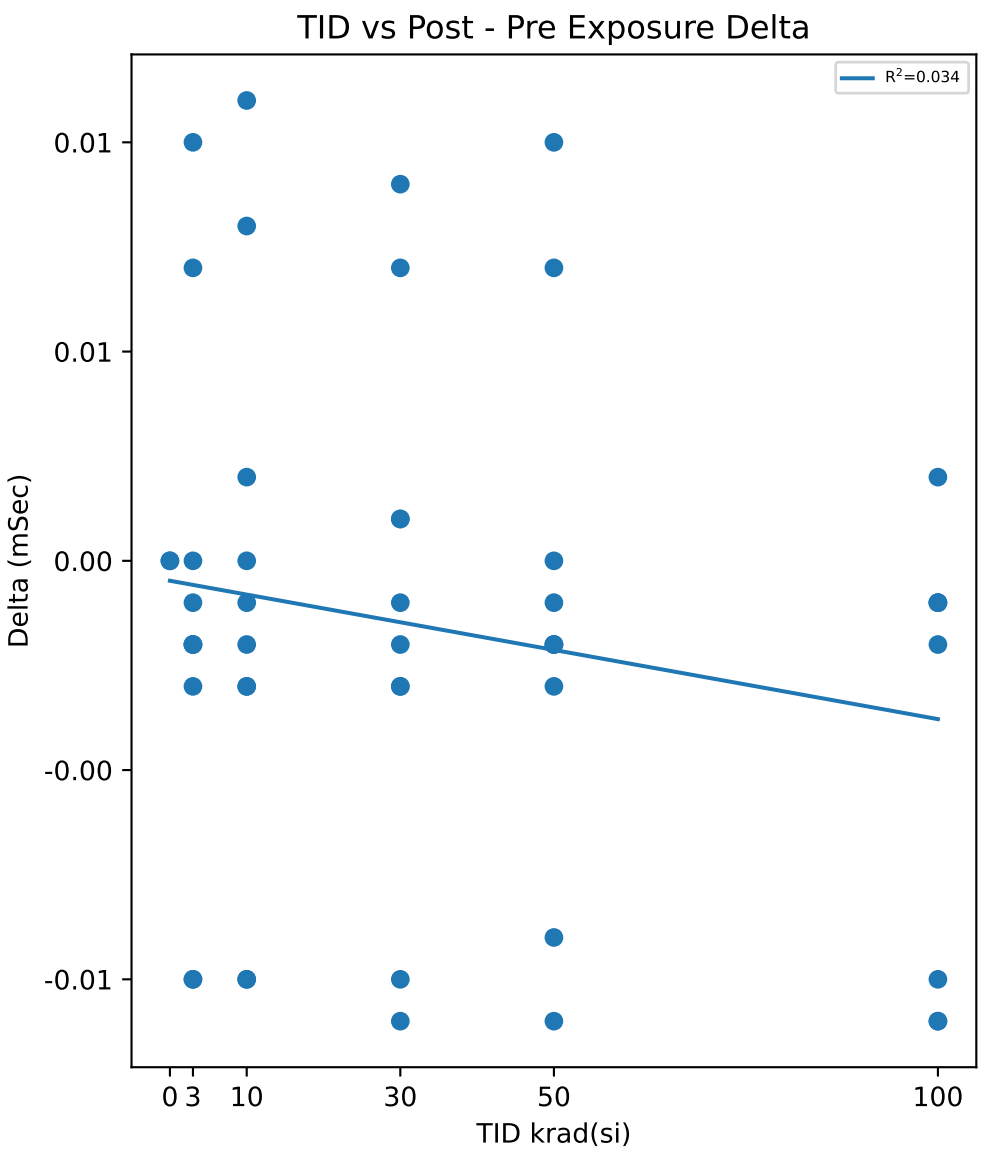
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.271	0.271	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.271	0.263	-0.008
18	3	LDR-Biased	0.272	0.27	-0.002
19	3	LDR-Biased	0.262	0.261	-0.001
20	3	LDR-Biased	0.271	0.262	-0.009
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.264	0.271	0.007
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.263	0.258	-0.005
26	3	LDR-Unbiased	0.26	0.271	0.011
27	3	LDR-Unbiased	0.271	0.268	-0.003
46	10	LDR-Biased	0.271	0.262	-0.009
48	10	LDR-Biased	0.272	0.269	-0.003
49	10	LDR-Biased	0.262	0.261	-0.001
50	10	LDR-Biased	0.271	0.262	-0.009
51	10	LDR-Biased	0.261	0.26	-0.001
52	10	LDR-Unbiased	0.264	0.27	0.006
53	10	LDR-Unbiased	0.264	0.263	-0.001
55	10	LDR-Unbiased	0.263	0.261	-0.002
56	10	LDR-Unbiased	0.26	0.272	0.012
57	10	LDR-Unbiased	0.271	0.269	-0.002
76	30	LDR-Biased	0.271	0.264	-0.007
78	30	LDR-Biased	0.272	0.268	-0.004
79	30	LDR-Biased	0.262	0.26	-0.002
80	30	LDR-Biased	0.271	0.26	-0.011
81	30	LDR-Biased	0.261	0.261	0
82	30	LDR-Unbiased	0.264	0.27	0.006
83	30	LDR-Unbiased	0.264	0.262	-0.002
84	30	LDR-Unbiased	0.271	0.269	-0.002
85	30	LDR-Unbiased	0.263	0.26	-0.003
86	30	LDR-Unbiased	0.26	0.273	0.013
87	100	LDR-Biased	0.26	0.26	0
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.27	0.27	0
91	100	LDR-Unbiased	0.262	0.259	-0.003
93	100	LDR-Unbiased	0.263	0.261	-0.002
94	100	LDR-Unbiased	0.272	0.261	-0.011
95	100	LDR-Unbiased	0.271	0.26	-0.011
96	100	LDR-Unbiased	0.272	0.26	-0.012
106	50	LDR-Biased	0.271	0.263	-0.008
108	50	LDR-Biased	0.272	0.27	-0.002
109	50	LDR-Biased	0.262	0.261	-0.001
110	50	LDR-Biased	0.271	0.26	-0.011
111	50	LDR-Biased	0.261	0.261	0
112	50	LDR-Unbiased	0.264	0.269	0.005
113	50	LDR-Unbiased	0.264	0.261	-0.003
115	50	LDR-Unbiased	0.263	0.259	-0.004
116	50	LDR-Unbiased	0.26	0.271	0.011
117	50	LDR-Unbiased	0.271	0.269	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.266	0.271	0.0070711	0.261	0.266	0.271	0.0070711	0	0	0	0
3	0.26	0.2659	0.272	0.0047714	0.258	0.2647	0.271	0.0048086	-0.009	-0.0012	0.011	0.0061788
10	0.26	0.2659	0.272	0.0047714	0.26	0.2649	0.272	0.0045326	-0.009	-0.001	0.012	0.0062539
30	0.26	0.2659	0.272	0.0047714	0.26	0.2647	0.273	0.0048774	-0.011	-0.0012	0.013	0.0066466
50	0.26	0.2659	0.272	0.0047714	0.259	0.2644	0.271	0.0047422	-0.011	-0.0015	0.011	0.0061689
100	0.26	0.26788	0.273	0.0052763	0.259	0.26262	0.27	0.0045962	-0.012	-0.00525	0	0.0051755

Device Test: 5.149 tdly_Res10p5K_EN3_SD/EN3/7/14/10.5K/0/0/@DLY_TMR_10KOHM





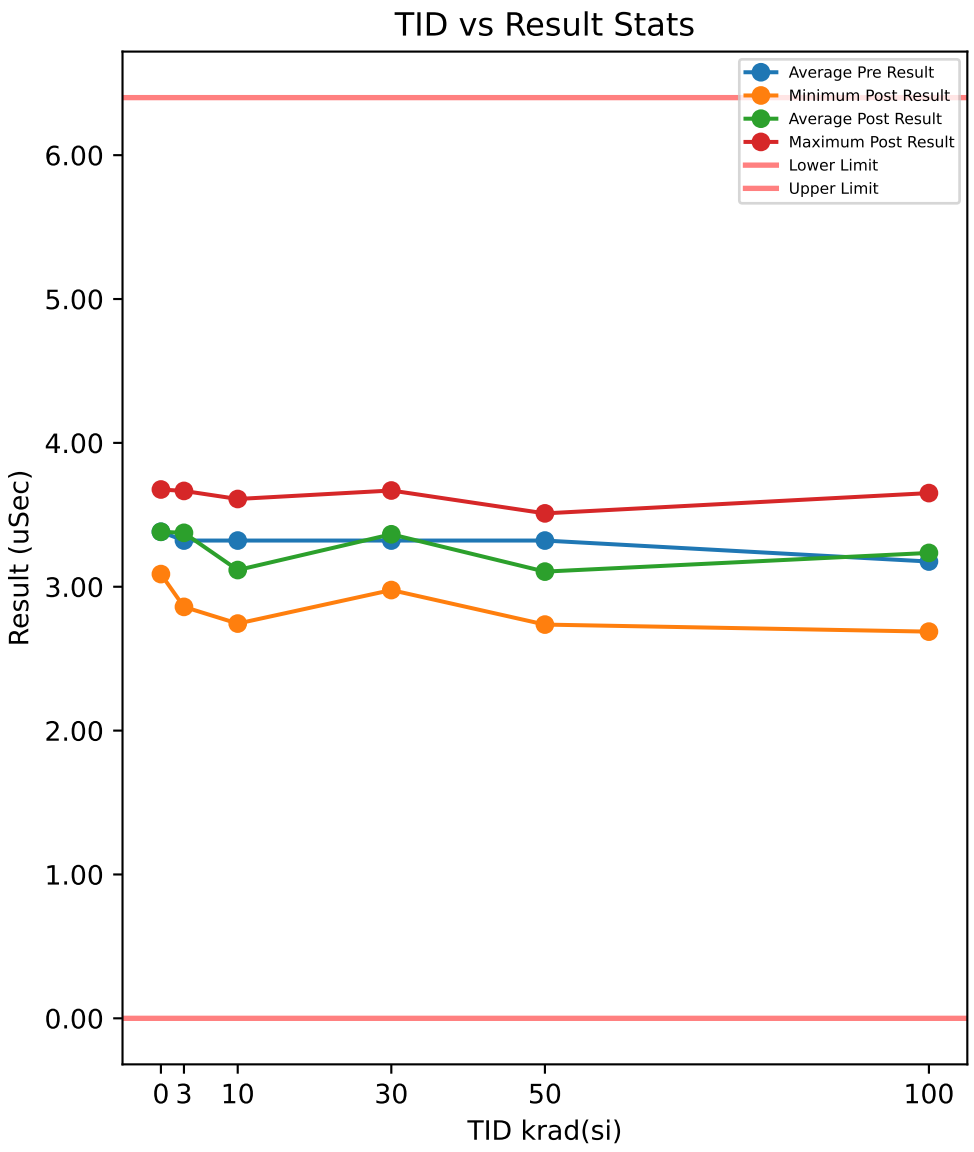
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

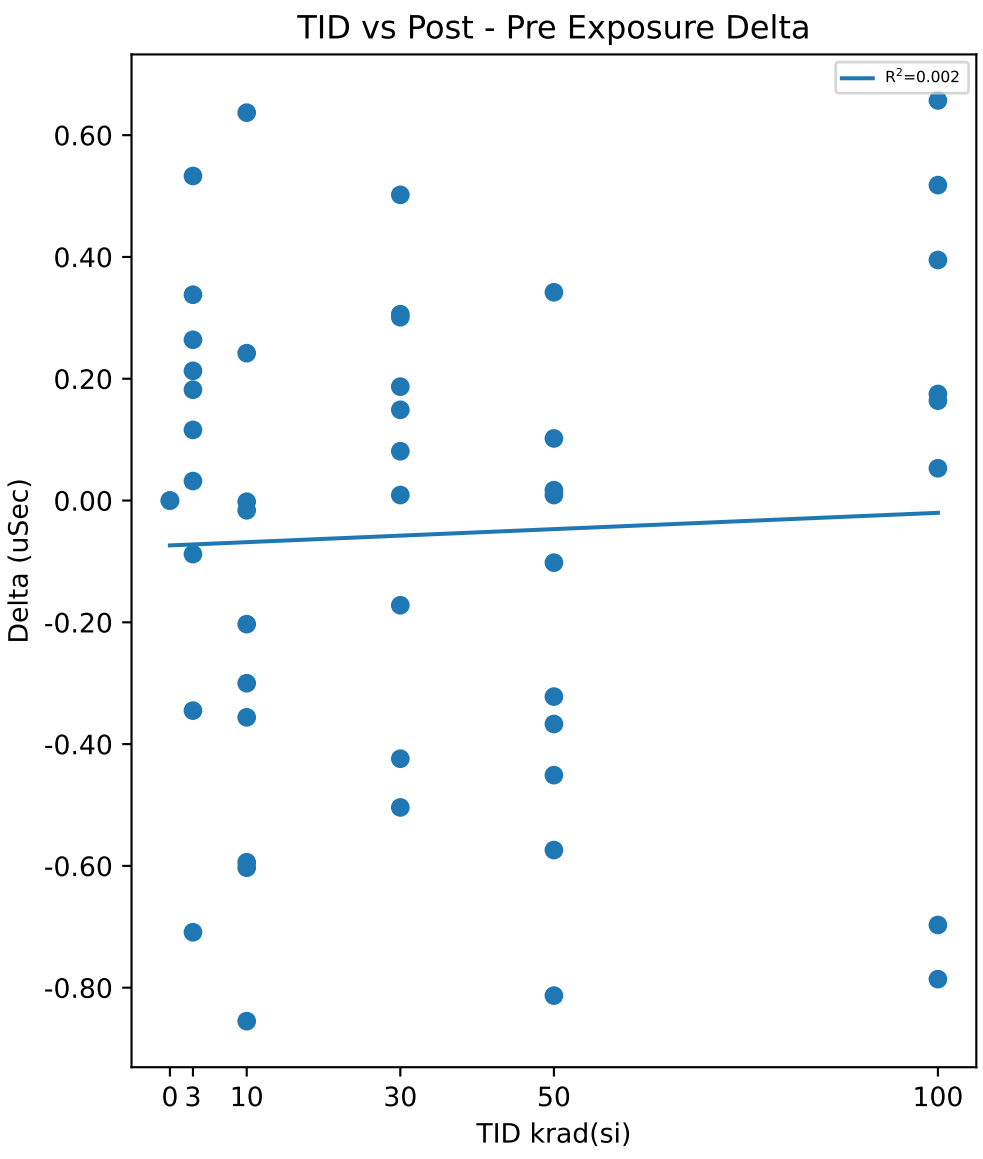
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.269	0.269	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.273	0.263	-0.01
18	3	LDR-Biased	0.271	0.269	-0.002
19	3	LDR-Biased	0.264	0.261	-0.003
20	3	LDR-Biased	0.271	0.261	-0.01
21	3	LDR-Biased	0.26	0.26	0
22	3	LDR-Unbiased	0.262	0.269	0.007
23	3	LDR-Unbiased	0.264	0.263	-0.001
25	3	LDR-Unbiased	0.262	0.26	-0.002
26	3	LDR-Unbiased	0.261	0.271	0.01
27	3	LDR-Unbiased	0.271	0.269	-0.002
46	10	LDR-Biased	0.273	0.263	-0.01
48	10	LDR-Biased	0.271	0.268	-0.003
49	10	LDR-Biased	0.264	0.261	-0.003
50	10	LDR-Biased	0.271	0.261	-0.01
51	10	LDR-Biased	0.26	0.262	0.002
52	10	LDR-Unbiased	0.262	0.27	0.008
53	10	LDR-Unbiased	0.264	0.263	-0.001
55	10	LDR-Unbiased	0.262	0.262	0
56	10	LDR-Unbiased	0.261	0.272	0.011
57	10	LDR-Unbiased	0.271	0.269	-0.002
76	30	LDR-Biased	0.273	0.262	-0.011
78	30	LDR-Biased	0.271	0.272	0.001
79	30	LDR-Biased	0.264	0.261	-0.003
80	30	LDR-Biased	0.271	0.261	-0.01
81	30	LDR-Biased	0.26	0.261	0.001
82	30	LDR-Unbiased	0.262	0.269	0.007
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.271	0.269	-0.002
85	30	LDR-Unbiased	0.262	0.259	-0.003
86	30	LDR-Unbiased	0.261	0.27	0.009
87	100	LDR-Biased	0.259	0.261	0.002
88	100	LDR-Biased	0.271	0.27	-0.001
90	100	LDR-Biased	0.272	0.27	-0.002
91	100	LDR-Unbiased	0.261	0.26	-0.001
93	100	LDR-Unbiased	0.26	0.259	-0.001
94	100	LDR-Unbiased	0.273	0.262	-0.011
95	100	LDR-Unbiased	0.271	0.261	-0.01
96	100	LDR-Unbiased	0.271	0.26	-0.011
106	50	LDR-Biased	0.273	0.264	-0.009
108	50	LDR-Biased	0.271	0.269	-0.002
109	50	LDR-Biased	0.264	0.262	-0.002
110	50	LDR-Biased	0.271	0.26	-0.011
111	50	LDR-Biased	0.26	0.26	0
112	50	LDR-Unbiased	0.262	0.269	0.007
113	50	LDR-Unbiased	0.264	0.263	-0.001
115	50	LDR-Unbiased	0.262	0.259	-0.003
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.271	0.269	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.265	0.269	0.0056569	0.261	0.265	0.269	0.0056569	0	0	0	0
3	0.26	0.2659	0.273	0.0049989	0.26	0.2646	0.271	0.0043767	-0.01	-0.0013	0.01	0.0062725
10	0.26	0.2659	0.273	0.0049989	0.261	0.2651	0.272	0.0041753	-0.01	-0.0008	0.011	0.0067132
30	0.26	0.2659	0.273	0.0049989	0.259	0.2647	0.272	0.0047387	-0.011	-0.0012	0.009	0.0063386
50	0.26	0.2659	0.273	0.0049989	0.259	0.2646	0.271	0.0045019	-0.011	-0.0013	0.01	0.0062902
100	0.259	0.26725	0.273	0.0060651	0.259	0.26288	0.27	0.0044861	-0.011	-0.004375	0.002	0.0053436

Device Test: 5.15 tpd_EN4_SU/EN4/1.6/14/0/0/0/@TPD_EN





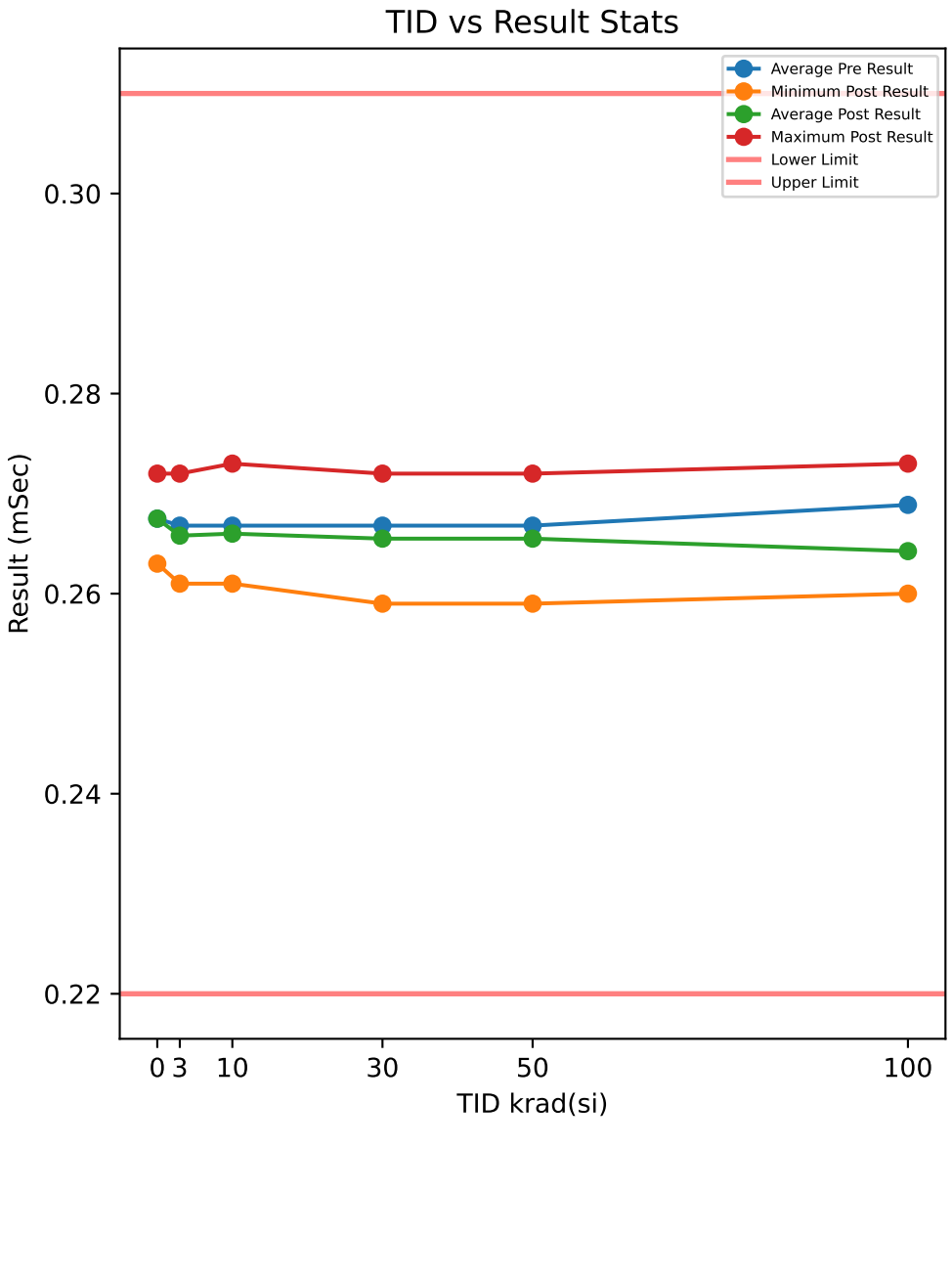
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

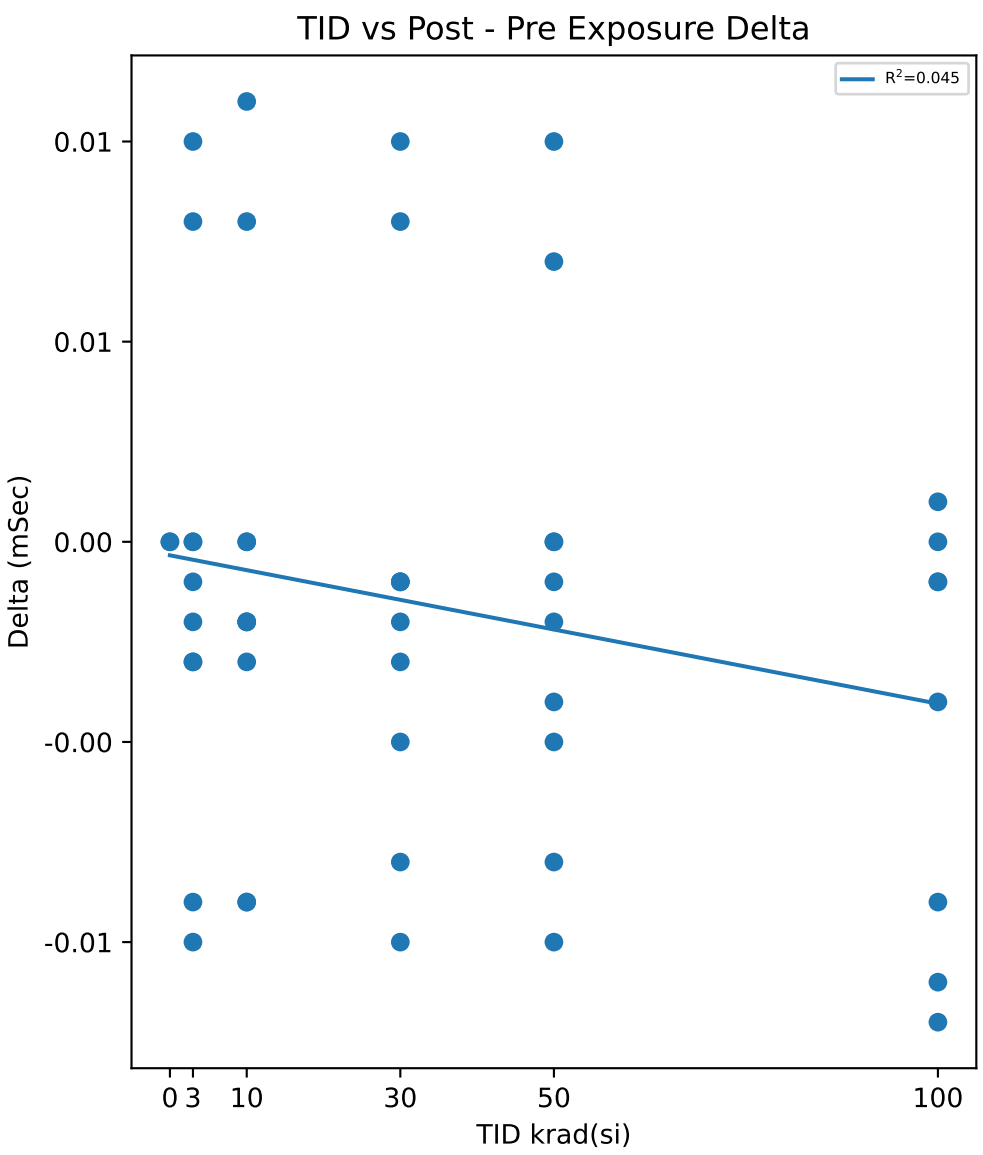
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.088	3.088	0
7	0	Correlation	3.676	3.676	0
16	3	LDR-Biased	3.734	3.389	-0.345
18	3	LDR-Biased	2.934	3.467	0.533
19	3	LDR-Biased	3.265	3.529	0.264
20	3	LDR-Biased	3.362	3.575	0.213
21	3	LDR-Biased	2.828	2.86	0.032
22	3	LDR-Unbiased	3.16	3.342	0.182
23	3	LDR-Unbiased	3.167	3.505	0.338
25	3	LDR-Unbiased	3.599	3.511	-0.088
26	3	LDR-Unbiased	3.55	3.666	0.116
27	3	LDR-Unbiased	3.612	2.903	-0.709
46	10	LDR-Biased	3.734	3.14	-0.594
48	10	LDR-Biased	2.934	2.918	-0.016
49	10	LDR-Biased	3.265	2.909	-0.356
50	10	LDR-Biased	3.362	3.604	0.242
51	10	LDR-Biased	2.828	3.465	0.637
52	10	LDR-Unbiased	3.16	2.86	-0.3
53	10	LDR-Unbiased	3.167	2.964	-0.203
55	10	LDR-Unbiased	3.599	2.744	-0.855
56	10	LDR-Unbiased	3.55	2.947	-0.603
57	10	LDR-Unbiased	3.612	3.61	-0.002
76	30	LDR-Biased	3.734	3.31	-0.424
78	30	LDR-Biased	2.934	3.235	0.301
79	30	LDR-Biased	3.265	3.346	0.081
80	30	LDR-Biased	3.362	3.668	0.306
81	30	LDR-Biased	2.828	2.977	0.149
82	30	LDR-Unbiased	3.16	3.347	0.187
83	30	LDR-Unbiased	3.167	3.669	0.502
84	30	LDR-Unbiased	3.612	3.44	-0.172
85	30	LDR-Unbiased	3.599	3.608	0.009
86	30	LDR-Unbiased	3.55	3.046	-0.504
87	100	LDR-Biased	3.194	3.369	0.175
88	100	LDR-Biased	3.561	2.775	-0.786
90	100	LDR-Biased	3.385	2.688	-0.697
91	100	LDR-Unbiased	2.915	3.079	0.164
93	100	LDR-Unbiased	3.304	3.357	0.053
94	100	LDR-Unbiased	3.256	3.651	0.395
95	100	LDR-Unbiased	2.78	3.437	0.657
96	100	LDR-Unbiased	3.007	3.525	0.518
106	50	LDR-Biased	3.734	3.283	-0.451
108	50	LDR-Biased	2.934	2.951	0.017
109	50	LDR-Biased	3.265	2.943	-0.322
110	50	LDR-Biased	3.362	2.788	-0.574
111	50	LDR-Biased	2.828	2.837	0.009
112	50	LDR-Unbiased	3.16	3.262	0.102
113	50	LDR-Unbiased	3.167	3.509	0.342
115	50	LDR-Unbiased	3.599	3.232	-0.367
116	50	LDR-Unbiased	3.55	2.737	-0.813
117	50	LDR-Unbiased	3.612	3.51	-0.102

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.088	3.382	3.676	0.41578	3.088	3.382	3.676	0.41578	0	0	0	0
3	2.828	3.3211	3.734	0.30409	2.86	3.3747	3.666	0.27519	-0.709	0.0536	0.533	0.35928
10	2.828	3.3211	3.734	0.30409	2.744	3.1161	3.61	0.32356	-0.855	-0.205	0.637	0.44093
30	2.828	3.3211	3.734	0.30409	2.977	3.3646	3.669	0.24079	-0.504	0.0435	0.502	0.32395
50	2.828	3.3211	3.734	0.30409	2.737	3.1052	3.51	0.2901	-0.813	-0.2159	0.342	0.35027
100	2.78	3.1753	3.561	0.25871	2.688	3.2351	3.651	0.35172	-0.786	0.059875	0.657	0.53335

Device Test: 5.150 tdly_Res10p5K_EN4_SD/EN4/7/14/10.5K/0/0/@DLY_TMR_10KOHM





Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

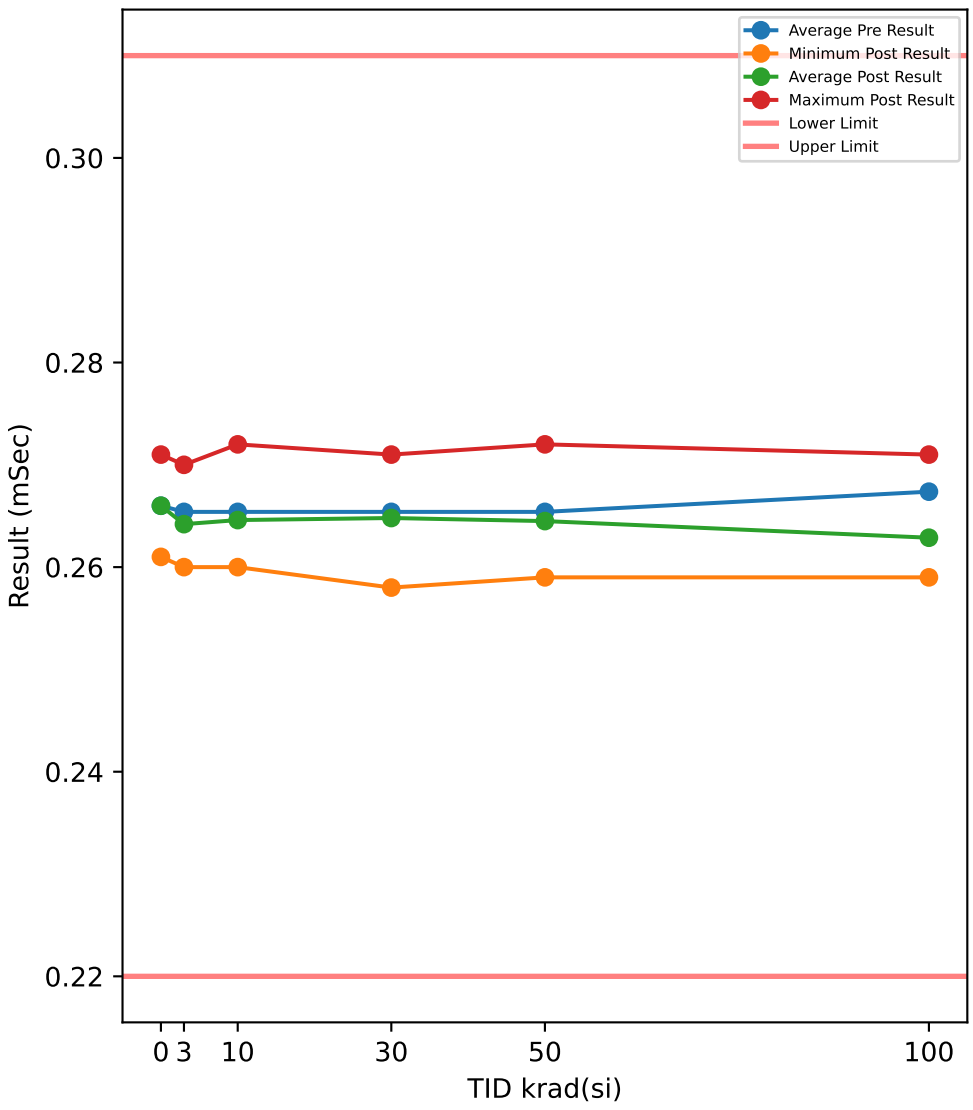
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.272	0.272	0
7	0	Correlation	0.263	0.263	0
16	3	LDR-Biased	0.274	0.264	-0.01
18	3	LDR-Biased	0.273	0.27	-0.003
19	3	LDR-Biased	0.263	0.262	-0.001
20	3	LDR-Biased	0.271	0.262	-0.009
21	3	LDR-Biased	0.262	0.262	0
22	3	LDR-Unbiased	0.263	0.271	0.008
23	3	LDR-Unbiased	0.264	0.264	0
25	3	LDR-Unbiased	0.264	0.261	-0.003
26	3	LDR-Unbiased	0.262	0.272	0.01
27	3	LDR-Unbiased	0.272	0.27	-0.002
46	10	LDR-Biased	0.274	0.265	-0.009
48	10	LDR-Biased	0.273	0.271	-0.002
49	10	LDR-Biased	0.263	0.261	-0.002
50	10	LDR-Biased	0.271	0.262	-0.009
51	10	LDR-Biased	0.262	0.262	0
52	10	LDR-Unbiased	0.263	0.271	0.008
53	10	LDR-Unbiased	0.264	0.264	0
55	10	LDR-Unbiased	0.264	0.261	-0.003
56	10	LDR-Unbiased	0.262	0.273	0.011
57	10	LDR-Unbiased	0.272	0.27	-0.002
76	30	LDR-Biased	0.274	0.264	-0.01
78	30	LDR-Biased	0.273	0.27	-0.003
79	30	LDR-Biased	0.263	0.262	-0.001
80	30	LDR-Biased	0.271	0.263	-0.008
81	30	LDR-Biased	0.262	0.261	-0.001
82	30	LDR-Unbiased	0.263	0.271	0.008
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.272	0.27	-0.002
85	30	LDR-Unbiased	0.264	0.259	-0.005
86	30	LDR-Unbiased	0.262	0.272	0.01
87	100	LDR-Biased	0.261	0.262	0.001
88	100	LDR-Biased	0.273	0.272	-0.001
90	100	LDR-Biased	0.273	0.273	0
91	100	LDR-Unbiased	0.264	0.26	-0.004
93	100	LDR-Unbiased	0.262	0.261	-0.001
94	100	LDR-Unbiased	0.273	0.262	-0.011
95	100	LDR-Unbiased	0.271	0.262	-0.009
96	100	LDR-Unbiased	0.274	0.262	-0.012
106	50	LDR-Biased	0.274	0.266	-0.008
108	50	LDR-Biased	0.273	0.269	-0.004
109	50	LDR-Biased	0.263	0.261	-0.002
110	50	LDR-Biased	0.271	0.261	-0.01
111	50	LDR-Biased	0.262	0.262	0
112	50	LDR-Unbiased	0.263	0.27	0.007
113	50	LDR-Unbiased	0.264	0.263	-0.001
115	50	LDR-Unbiased	0.264	0.259	-0.005
116	50	LDR-Unbiased	0.262	0.272	0.01
117	50	LDR-Unbiased	0.272	0.272	0

Test Statistics (mSec)

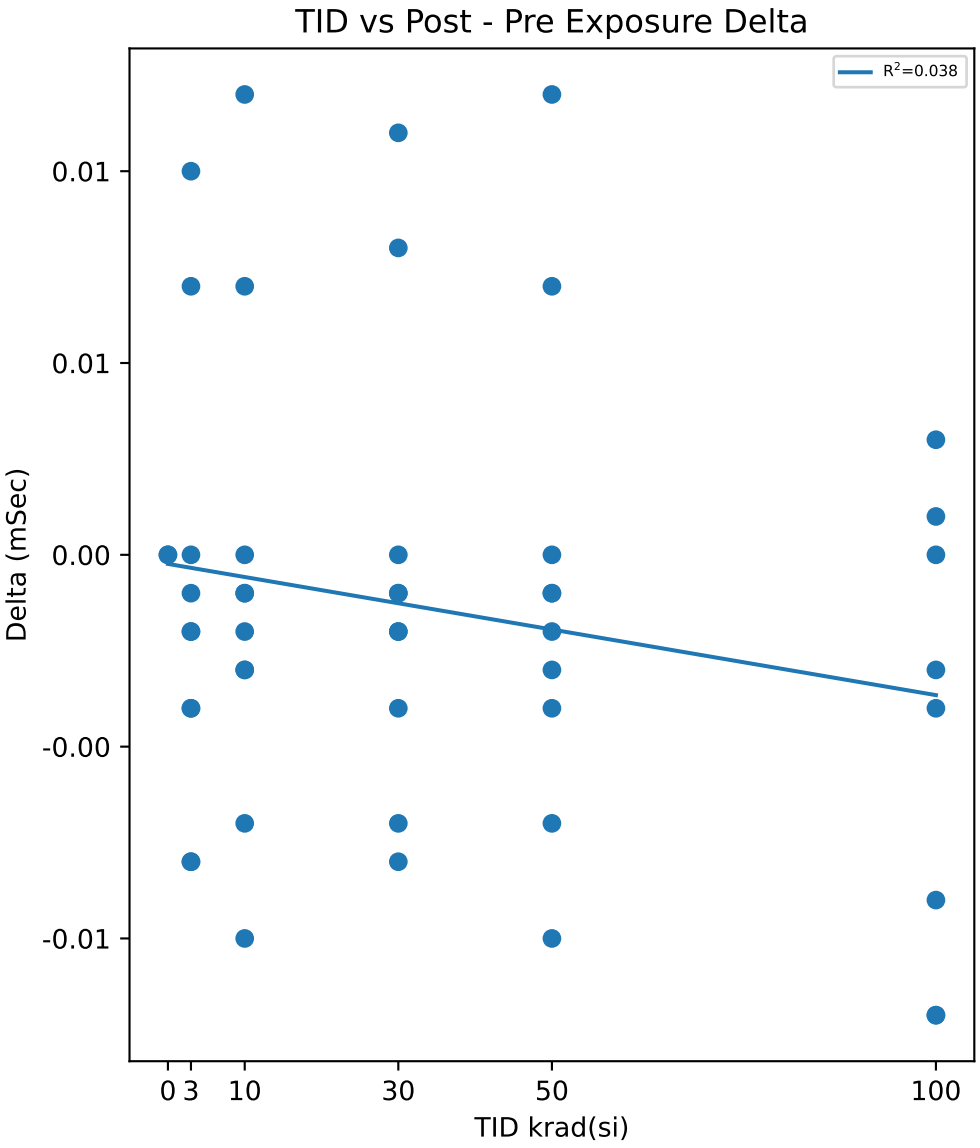
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.2675	0.272	0.006364	0.263	0.2675	0.272	0.006364	0	0	0	0
3	0.262	0.2668	0.274	0.0050067	0.261	0.2658	0.272	0.0043919	-0.01	-0.001	0.01	0.006307
10	0.262	0.2668	0.274	0.0050067	0.261	0.266	0.273	0.0047376	-0.009	-0.0008	0.011	0.0063386
30	0.262	0.2668	0.274	0.0050067	0.259	0.2655	0.272	0.0047434	-0.01	-0.0013	0.01	0.0062548
50	0.262	0.2668	0.274	0.0050067	0.259	0.2655	0.272	0.0049272	-0.01	-0.0013	0.01	0.0061653
100	0.261	0.26888	0.274	0.0055404	0.26	0.26425	0.273	0.0051478	-0.012	-0.004625	0.001	0.0052627

Device Test: 5.151 tdly_Res10p5K_SEQ_SD/SEQ_DONE/7/14/10.5K/0/0/@DLY_TMR_10KOHM

TID vs Result Stats



TID vs Post - Pre Exposure Delta



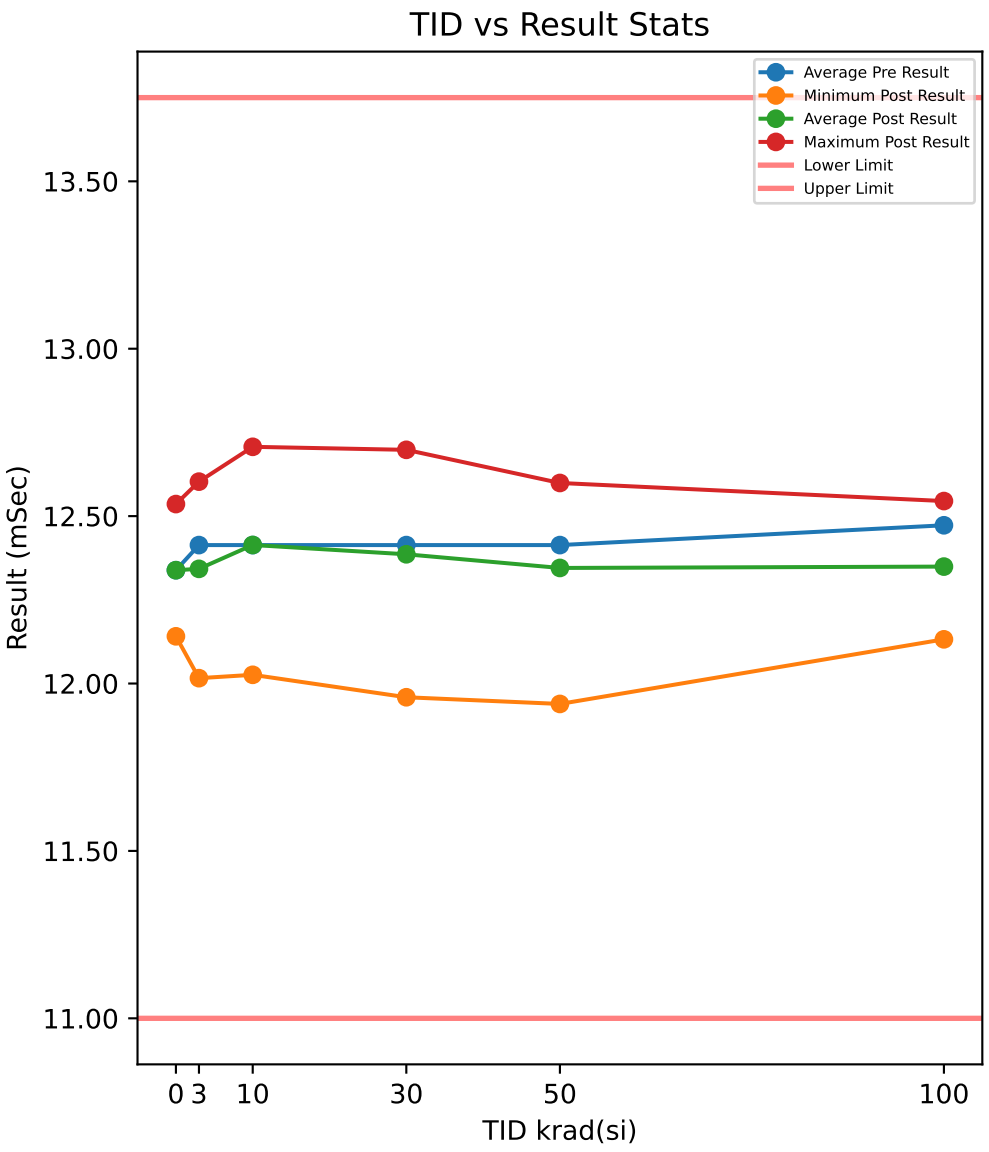
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

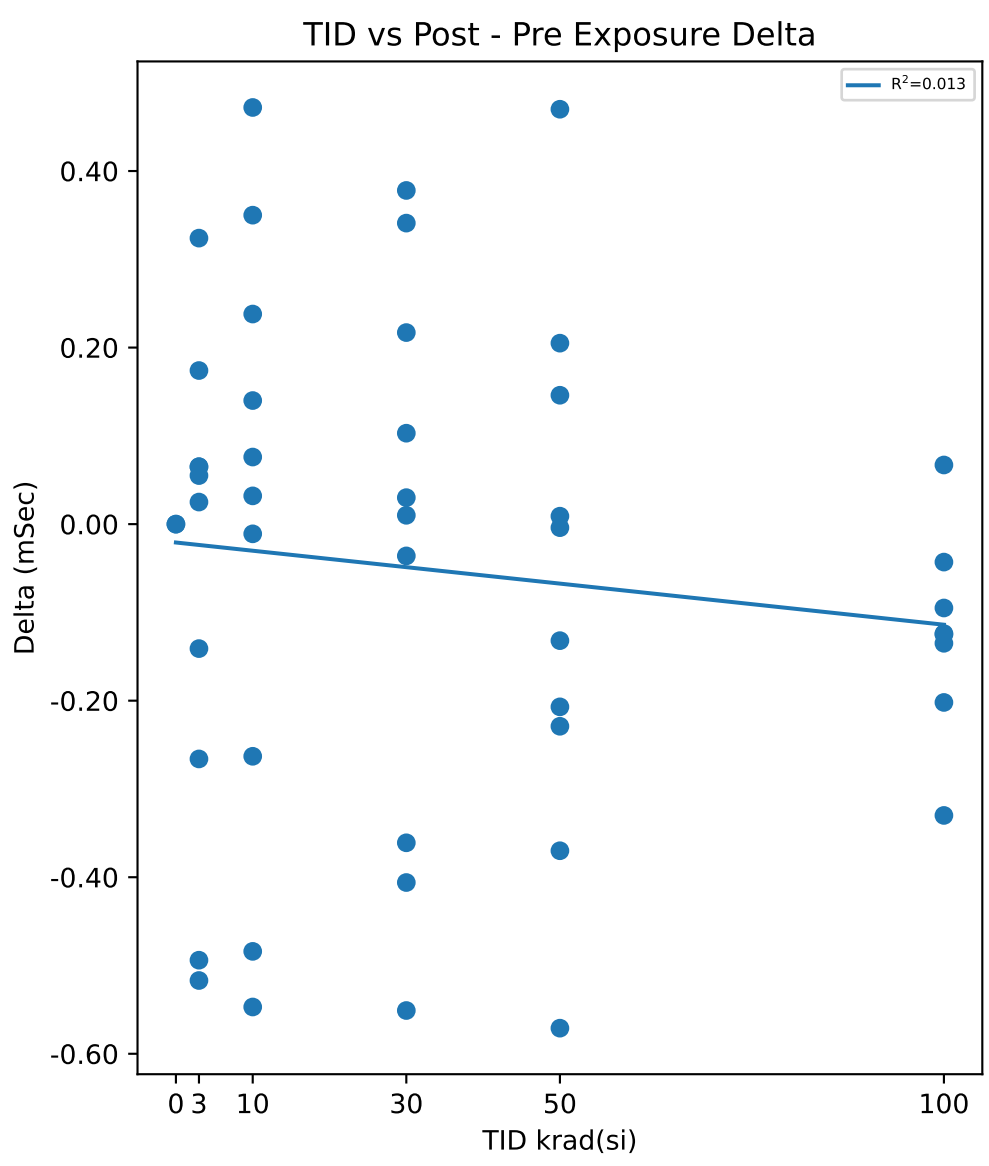
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.271	0.271	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.271	0.263	-0.008
18	3	LDR-Biased	0.271	0.269	-0.002
19	3	LDR-Biased	0.264	0.26	-0.004
20	3	LDR-Biased	0.269	0.261	-0.008
21	3	LDR-Biased	0.261	0.26	-0.001
22	3	LDR-Unbiased	0.262	0.269	0.007
23	3	LDR-Unbiased	0.264	0.26	-0.004
25	3	LDR-Unbiased	0.262	0.26	-0.002
26	3	LDR-Unbiased	0.26	0.27	0.01
27	3	LDR-Unbiased	0.27	0.27	0
46	10	LDR-Biased	0.271	0.261	-0.01
48	10	LDR-Biased	0.271	0.27	-0.001
49	10	LDR-Biased	0.264	0.261	-0.003
50	10	LDR-Biased	0.269	0.262	-0.007
51	10	LDR-Biased	0.261	0.26	-0.001
52	10	LDR-Unbiased	0.262	0.269	0.007
53	10	LDR-Unbiased	0.264	0.261	-0.003
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.26	0.272	0.012
57	10	LDR-Unbiased	0.27	0.27	0
76	30	LDR-Biased	0.271	0.263	-0.008
78	30	LDR-Biased	0.271	0.269	-0.002
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.269	0.262	-0.007
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.27	0.27	0
85	30	LDR-Unbiased	0.262	0.258	-0.004
86	30	LDR-Unbiased	0.26	0.271	0.011
87	100	LDR-Biased	0.26	0.263	0.003
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.27	0.271	0.001
91	100	LDR-Unbiased	0.263	0.259	-0.004
93	100	LDR-Unbiased	0.259	0.259	0
94	100	LDR-Unbiased	0.272	0.26	-0.012
95	100	LDR-Unbiased	0.27	0.261	-0.009
96	100	LDR-Unbiased	0.272	0.26	-0.012
106	50	LDR-Biased	0.271	0.264	-0.007
108	50	LDR-Biased	0.271	0.271	0
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.269	0.259	-0.01
111	50	LDR-Biased	0.261	0.26	-0.001
112	50	LDR-Unbiased	0.262	0.269	0.007
113	50	LDR-Unbiased	0.264	0.261	-0.003
115	50	LDR-Unbiased	0.262	0.26	-0.002
116	50	LDR-Unbiased	0.26	0.272	0.012
117	50	LDR-Unbiased	0.27	0.269	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.266	0.271	0.0070711	0.261	0.266	0.271	0.0070711	0	0	0	0
3	0.26	0.2654	0.271	0.0043767	0.26	0.2642	0.27	0.0046619	-0.008	-0.0012	0.01	0.005808
10	0.26	0.2654	0.271	0.0043767	0.26	0.2646	0.272	0.0049486	-0.01	-0.0008	0.012	0.006321
30	0.26	0.2654	0.271	0.0043767	0.258	0.2648	0.271	0.0047329	-0.008	-0.0006	0.011	0.0059666
50	0.26	0.2654	0.271	0.0043767	0.259	0.2645	0.272	0.0051908	-0.01	-0.0009	0.012	0.0063675
100	0.259	0.26738	0.273	0.0057554	0.259	0.26288	0.271	0.0048825	-0.012	-0.0045	0.003	0.0058797

Device Test: 5.152 tdly_Res619K_EN1_SU/EN1/7/14/619K/0/0/@DLY_TMR_500KOHM





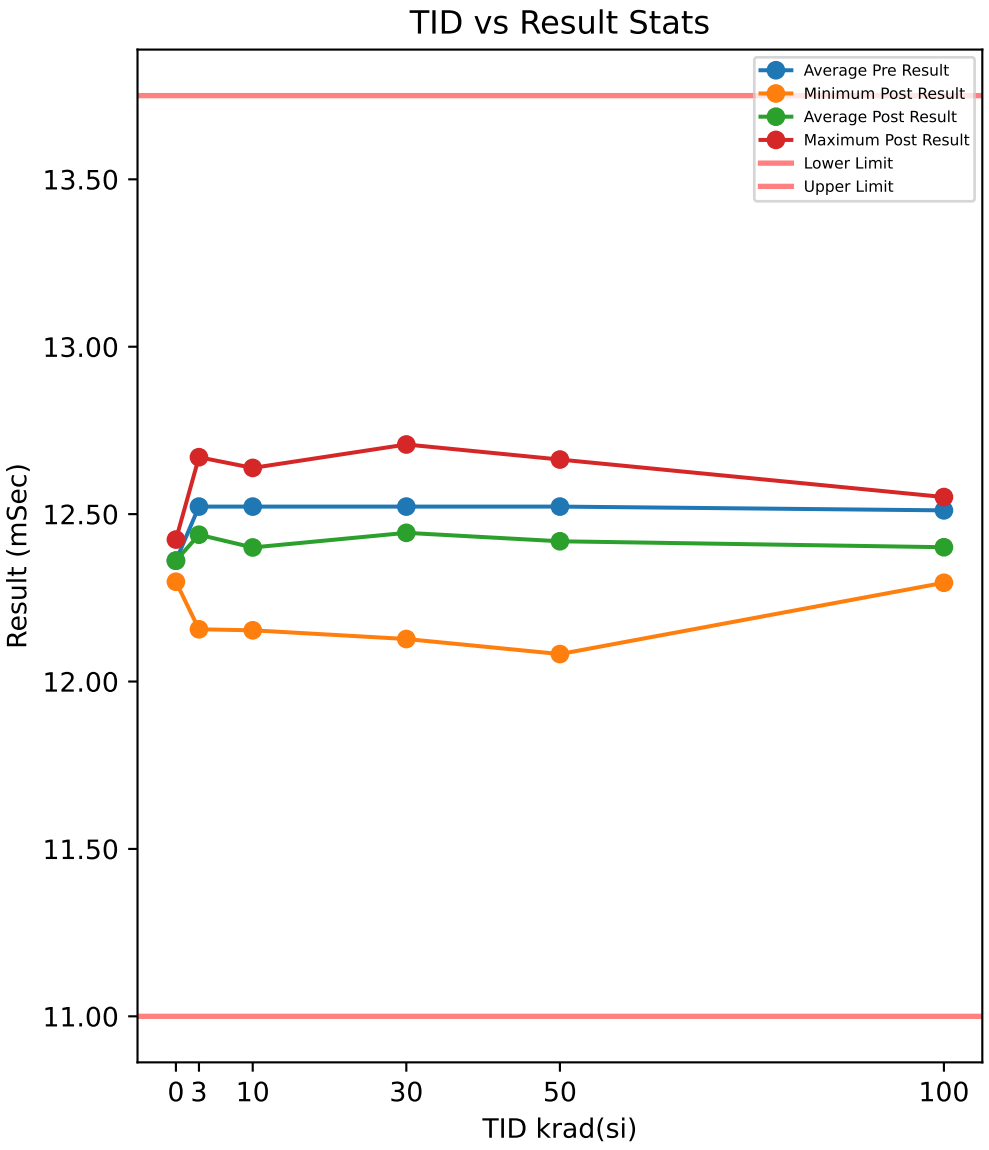
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

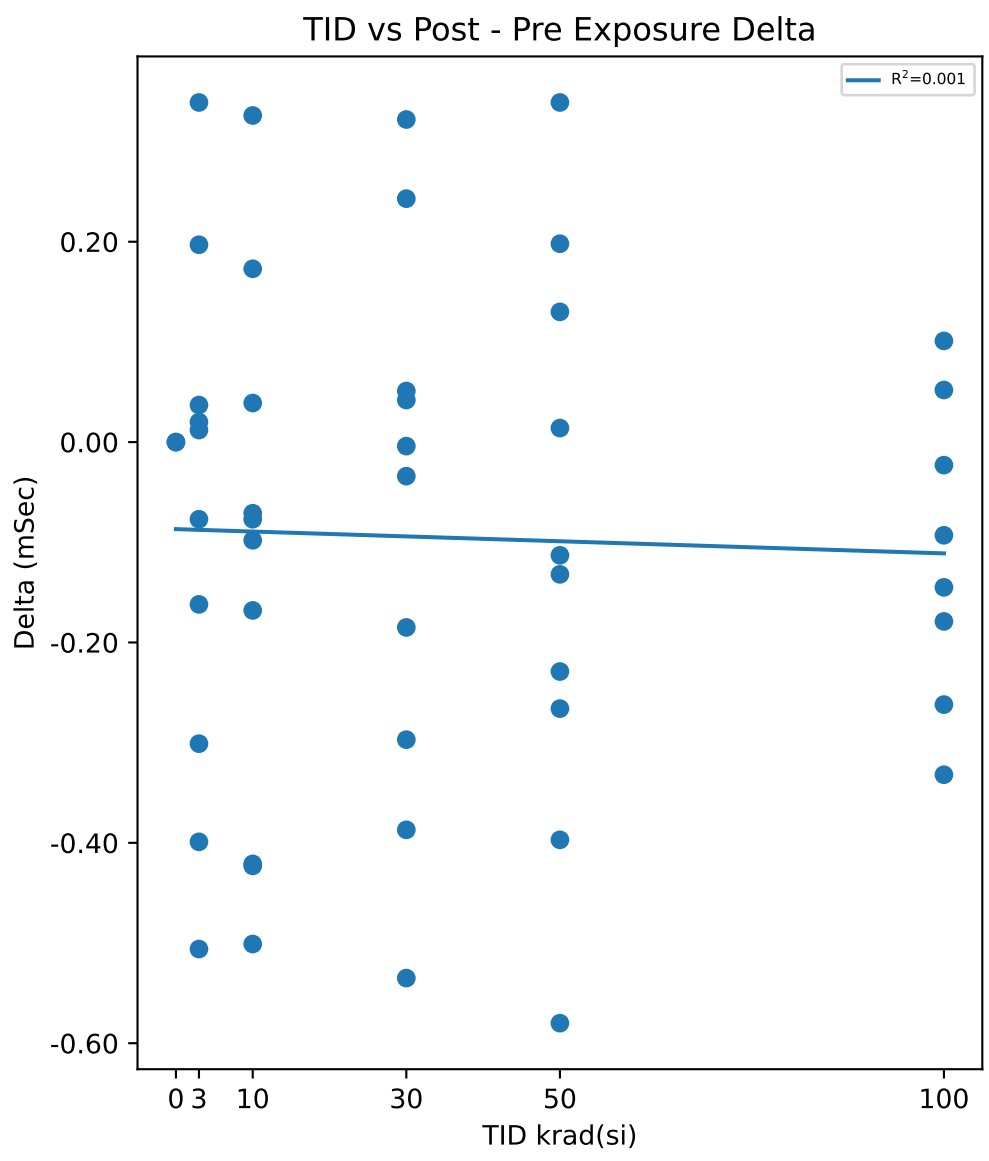
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.536	12.536	0
7	0	Correlation	12.141	12.141	0
16	3	LDR-Biased	12.669	12.152	-0.517
18	3	LDR-Biased	12.469	12.494	0.025
19	3	LDR-Biased	12.5	12.359	-0.141
20	3	LDR-Biased	12.549	12.283	-0.266
21	3	LDR-Biased	12.228	12.283	0.055
22	3	LDR-Unbiased	12.129	12.453	0.324
23	3	LDR-Unbiased	12.538	12.603	0.065
25	3	LDR-Unbiased	12.51	12.016	-0.494
26	3	LDR-Unbiased	12.223	12.288	0.065
27	3	LDR-Unbiased	12.32	12.494	0.174
46	10	LDR-Biased	12.669	12.122	-0.547
48	10	LDR-Biased	12.469	12.707	0.238
49	10	LDR-Biased	12.5	12.489	-0.011
50	10	LDR-Biased	12.549	12.286	-0.263
51	10	LDR-Biased	12.228	12.26	0.032
52	10	LDR-Unbiased	12.129	12.601	0.472
53	10	LDR-Unbiased	12.538	12.614	0.076
55	10	LDR-Unbiased	12.51	12.026	-0.484
56	10	LDR-Unbiased	12.223	12.363	0.14
57	10	LDR-Unbiased	12.32	12.67	0.35
76	30	LDR-Biased	12.669	12.308	-0.361
78	30	LDR-Biased	12.469	12.686	0.217
79	30	LDR-Biased	12.5	12.464	-0.036
80	30	LDR-Biased	12.549	12.143	-0.406
81	30	LDR-Biased	12.228	12.238	0.01
82	30	LDR-Unbiased	12.129	12.47	0.341
83	30	LDR-Unbiased	12.538	12.641	0.103
84	30	LDR-Unbiased	12.32	12.698	0.378
85	30	LDR-Unbiased	12.51	11.959	-0.551
86	30	LDR-Unbiased	12.223	12.253	0.03
87	100	LDR-Biased	12.376	12.333	-0.043
88	100	LDR-Biased	12.669	12.545	-0.124
90	100	LDR-Biased	12.639	12.544	-0.095
91	100	LDR-Unbiased	12.3	12.367	0.067
93	100	LDR-Unbiased	12.257	12.132	-0.125
94	100	LDR-Unbiased	12.671	12.341	-0.33
95	100	LDR-Unbiased	12.527	12.392	-0.135
96	100	LDR-Unbiased	12.342	12.14	-0.202
106	50	LDR-Biased	12.669	12.299	-0.37
108	50	LDR-Biased	12.469	12.465	-0.004
109	50	LDR-Biased	12.5	12.293	-0.207
110	50	LDR-Biased	12.549	12.32	-0.229
111	50	LDR-Biased	12.228	12.374	0.146
112	50	LDR-Unbiased	12.129	12.599	0.47
113	50	LDR-Unbiased	12.538	12.406	-0.132
115	50	LDR-Unbiased	12.51	11.939	-0.571
116	50	LDR-Unbiased	12.223	12.232	0.009
117	50	LDR-Unbiased	12.32	12.525	0.205

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.141	12.338	12.536	0.27931	12.141	12.338	12.536	0.27931	0	0	0	0
3	12.129	12.414	12.669	0.17619	12.016	12.342	12.603	0.17613	-0.517	-0.071	0.324	0.27867
10	12.129	12.414	12.669	0.17619	12.026	12.414	12.707	0.23816	-0.547	0.0003	0.472	0.33847
30	12.129	12.414	12.669	0.17619	11.959	12.386	12.698	0.24778	-0.551	-0.0275	0.378	0.31804
50	12.129	12.414	12.669	0.17619	11.939	12.345	12.599	0.18225	-0.571	-0.0683	0.47	0.30062
100	12.257	12.473	12.671	0.17372	12.132	12.349	12.545	0.1557	-0.33	-0.12337	0.067	0.11497

Device Test: 5.153 tdly_Res619K_EN2_SU/EN2/7/14/619K/0/0/@DLY_TMR_500KOHM





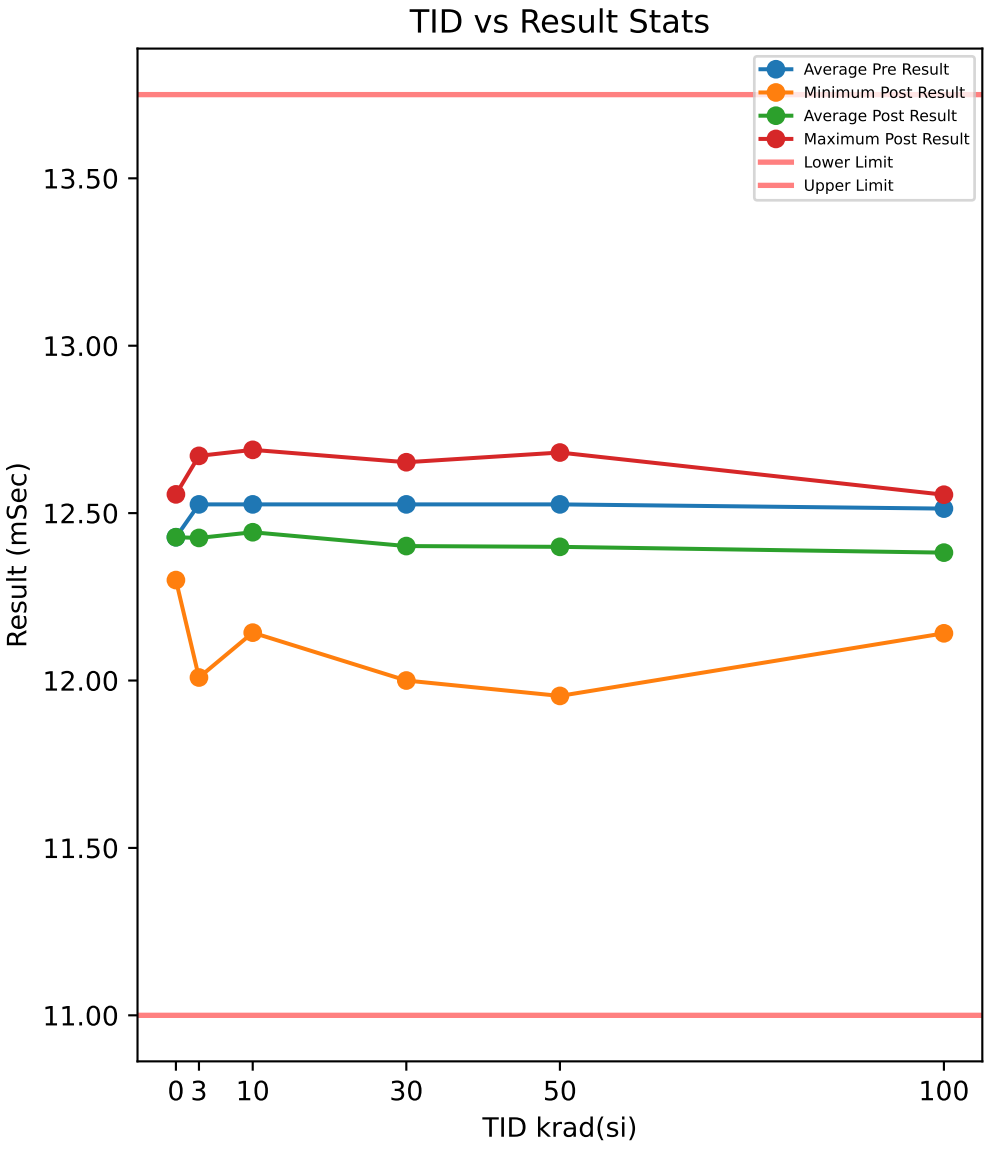
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

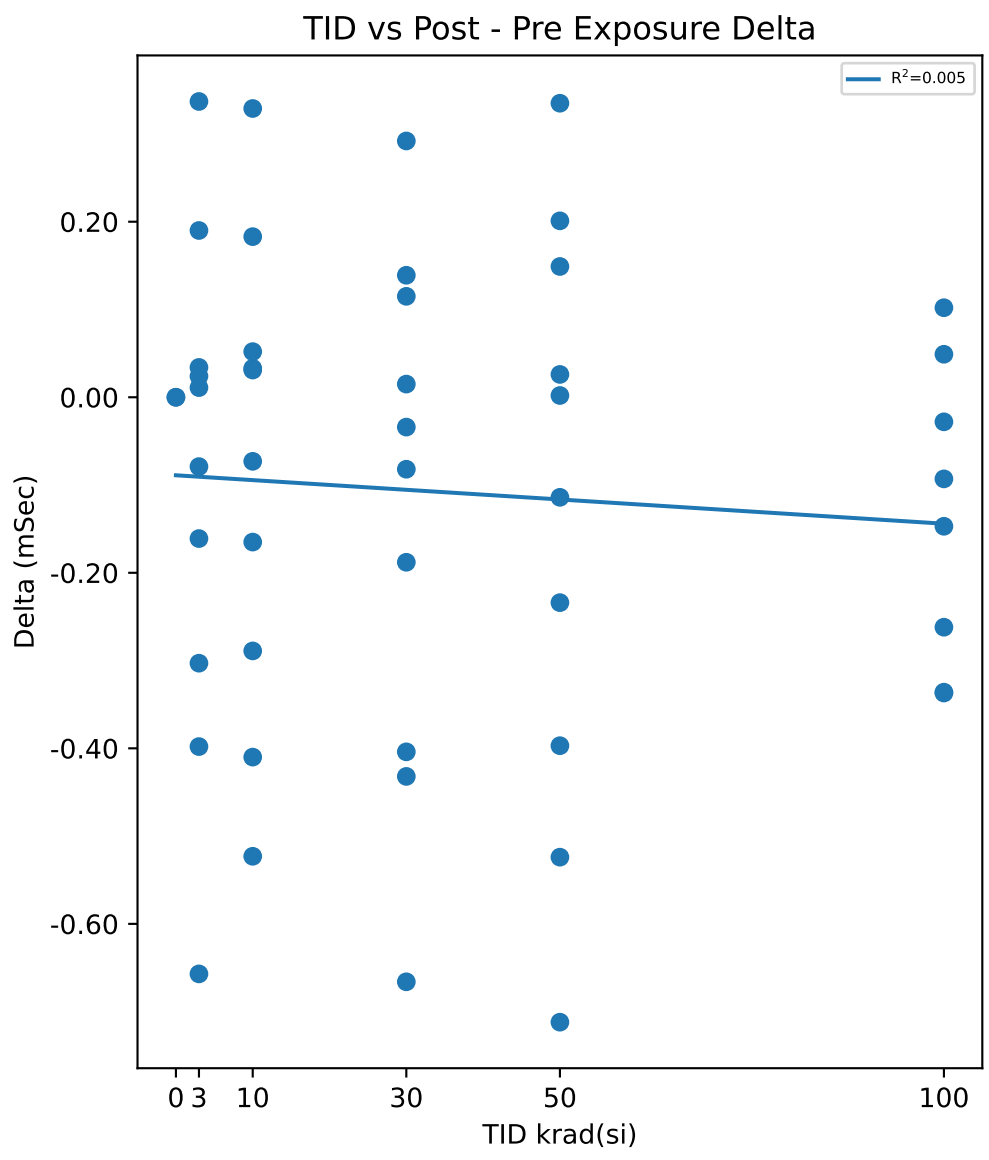
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.424	12.424	0
7	0	Correlation	12.298	12.298	0
16	3	LDR-Biased	12.696	12.297	-0.399
18	3	LDR-Biased	12.633	12.67	0.037
19	3	LDR-Biased	12.648	12.486	-0.162
20	3	LDR-Biased	12.574	12.273	-0.301
21	3	LDR-Biased	12.243	12.263	0.02
22	3	LDR-Unbiased	12.284	12.623	0.339
23	3	LDR-Unbiased	12.669	12.592	-0.077
25	3	LDR-Unbiased	12.662	12.156	-0.506
26	3	LDR-Unbiased	12.351	12.363	0.012
27	3	LDR-Unbiased	12.465	12.662	0.197
46	10	LDR-Biased	12.696	12.273	-0.423
48	10	LDR-Biased	12.633	12.556	-0.077
49	10	LDR-Biased	12.648	12.48	-0.168
50	10	LDR-Biased	12.574	12.153	-0.421
51	10	LDR-Biased	12.243	12.282	0.039
52	10	LDR-Unbiased	12.284	12.61	0.326
53	10	LDR-Unbiased	12.669	12.598	-0.071
55	10	LDR-Unbiased	12.662	12.161	-0.501
56	10	LDR-Unbiased	12.351	12.253	-0.098
57	10	LDR-Unbiased	12.465	12.638	0.173
76	30	LDR-Biased	12.696	12.309	-0.387
78	30	LDR-Biased	12.633	12.675	0.042
79	30	LDR-Biased	12.648	12.463	-0.185
80	30	LDR-Biased	12.574	12.277	-0.297
81	30	LDR-Biased	12.243	12.239	-0.004
82	30	LDR-Unbiased	12.284	12.606	0.322
83	30	LDR-Unbiased	12.669	12.635	-0.034
84	30	LDR-Unbiased	12.465	12.708	0.243
85	30	LDR-Unbiased	12.662	12.127	-0.535
86	30	LDR-Unbiased	12.351	12.402	0.051
87	100	LDR-Biased	12.381	12.358	-0.023
88	100	LDR-Biased	12.696	12.551	-0.145
90	100	LDR-Biased	12.644	12.551	-0.093
91	100	LDR-Unbiased	12.285	12.386	0.101
93	100	LDR-Unbiased	12.243	12.295	0.052
94	100	LDR-Unbiased	12.696	12.364	-0.332
95	100	LDR-Unbiased	12.668	12.406	-0.262
96	100	LDR-Unbiased	12.477	12.298	-0.179
106	50	LDR-Biased	12.696	12.299	-0.397
108	50	LDR-Biased	12.633	12.501	-0.132
109	50	LDR-Biased	12.648	12.419	-0.229
110	50	LDR-Biased	12.574	12.308	-0.266
111	50	LDR-Biased	12.243	12.373	0.13
112	50	LDR-Unbiased	12.284	12.623	0.339
113	50	LDR-Unbiased	12.669	12.556	-0.113
115	50	LDR-Unbiased	12.662	12.082	-0.58
116	50	LDR-Unbiased	12.351	12.365	0.014
117	50	LDR-Unbiased	12.465	12.663	0.198

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.298	12.361	12.424	0.089095	12.298	12.361	12.424	0.089095	0	0	0	0
3	12.243	12.522	12.696	0.173	12.156	12.439	12.67	0.19065	-0.506	-0.084	0.339	0.26312
10	12.243	12.522	12.696	0.173	12.153	12.4	12.638	0.1945	-0.501	-0.1221	0.326	0.26763
30	12.243	12.522	12.696	0.173	12.127	12.444	12.708	0.20454	-0.535	-0.0784	0.322	0.27187
50	12.243	12.522	12.696	0.173	12.082	12.419	12.663	0.17383	-0.58	-0.1036	0.339	0.28113
100	12.243	12.511	12.696	0.18964	12.295	12.401	12.551	0.10022	-0.332	-0.11012	0.101	0.14976

Device Test: 5.154 tdly_Res619K_EN3_SU/EN3/7/14/619K/0/0/@DLY_TMR_500KOHM





Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

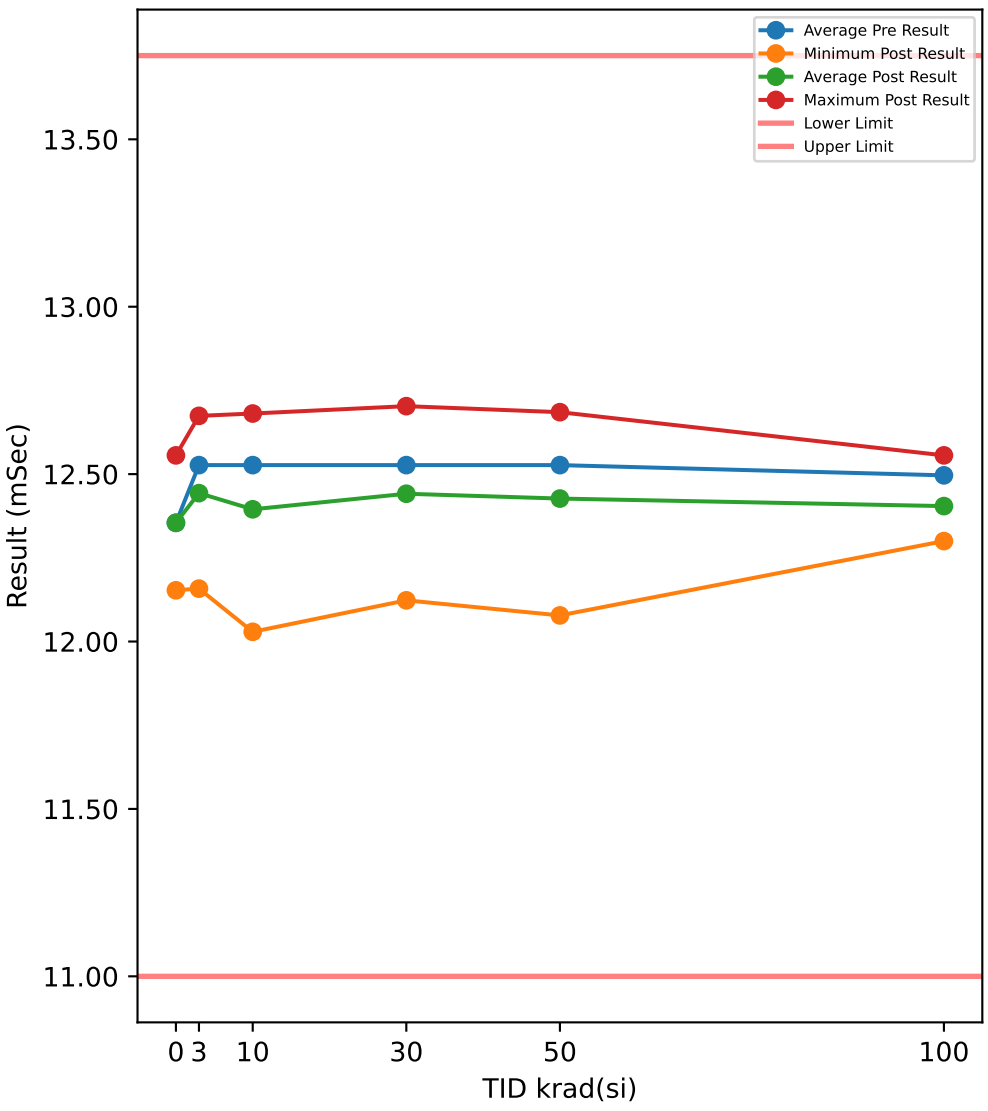
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.556	12.556	0
7	0	Correlation	12.3	12.3	0
16	3	LDR-Biased	12.695	12.297	-0.398
18	3	LDR-Biased	12.637	12.671	0.034
19	3	LDR-Biased	12.649	12.488	-0.161
20	3	LDR-Biased	12.578	12.275	-0.303
21	3	LDR-Biased	12.244	12.268	0.024
22	3	LDR-Unbiased	12.286	12.623	0.337
23	3	LDR-Unbiased	12.672	12.593	-0.079
25	3	LDR-Unbiased	12.666	12.009	-0.657
26	3	LDR-Unbiased	12.354	12.365	0.011
27	3	LDR-Unbiased	12.48	12.67	0.19
46	10	LDR-Biased	12.695	12.285	-0.41
48	10	LDR-Biased	12.637	12.689	0.052
49	10	LDR-Biased	12.649	12.484	-0.165
50	10	LDR-Biased	12.578	12.289	-0.289
51	10	LDR-Biased	12.244	12.277	0.033
52	10	LDR-Unbiased	12.286	12.615	0.329
53	10	LDR-Unbiased	12.672	12.599	-0.073
55	10	LDR-Unbiased	12.666	12.143	-0.523
56	10	LDR-Unbiased	12.354	12.385	0.031
57	10	LDR-Unbiased	12.48	12.663	0.183
76	30	LDR-Biased	12.695	12.291	-0.404
78	30	LDR-Biased	12.637	12.652	0.015
79	30	LDR-Biased	12.649	12.461	-0.188
80	30	LDR-Biased	12.578	12.146	-0.432
81	30	LDR-Biased	12.244	12.383	0.139
82	30	LDR-Unbiased	12.286	12.578	0.292
83	30	LDR-Unbiased	12.672	12.638	-0.034
84	30	LDR-Unbiased	12.48	12.595	0.115
85	30	LDR-Unbiased	12.666	12	-0.666
86	30	LDR-Unbiased	12.354	12.272	-0.082
87	100	LDR-Biased	12.383	12.355	-0.028
88	100	LDR-Biased	12.699	12.552	-0.147
90	100	LDR-Biased	12.648	12.555	-0.093
91	100	LDR-Unbiased	12.285	12.387	0.102
93	100	LDR-Unbiased	12.247	12.296	0.049
94	100	LDR-Unbiased	12.699	12.363	-0.336
95	100	LDR-Unbiased	12.669	12.407	-0.262
96	100	LDR-Unbiased	12.478	12.141	-0.337
106	50	LDR-Biased	12.695	12.171	-0.524
108	50	LDR-Biased	12.637	12.639	0.002
109	50	LDR-Biased	12.649	12.415	-0.234
110	50	LDR-Biased	12.578	12.181	-0.397
111	50	LDR-Biased	12.244	12.393	0.149
112	50	LDR-Unbiased	12.286	12.621	0.335
113	50	LDR-Unbiased	12.672	12.558	-0.114
115	50	LDR-Unbiased	12.666	11.954	-0.712
116	50	LDR-Unbiased	12.354	12.38	0.026
117	50	LDR-Unbiased	12.48	12.681	0.201

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.3	12.428	12.556	0.18102	12.3	12.428	12.556	0.18102	0	0	0	0
3	12.244	12.526	12.695	0.17271	12.009	12.426	12.671	0.21912	-0.657	-0.1002	0.337	0.29158
10	12.244	12.526	12.695	0.17271	12.143	12.443	12.689	0.19268	-0.523	-0.0832	0.329	0.26562
30	12.244	12.526	12.695	0.17271	12	12.402	12.652	0.22277	-0.666	-0.1245	0.292	0.29808
50	12.244	12.526	12.695	0.17271	11.954	12.399	12.681	0.23802	-0.712	-0.1268	0.335	0.33692
100	12.247	12.514	12.699	0.18997	12.141	12.382	12.555	0.13419	-0.337	-0.1315	0.102	0.16929

Device Test: 5.155 tdly_Res619K_EN4_SU/EN4/7/14/619K/0/0/@DLY_TMR_500KOHM

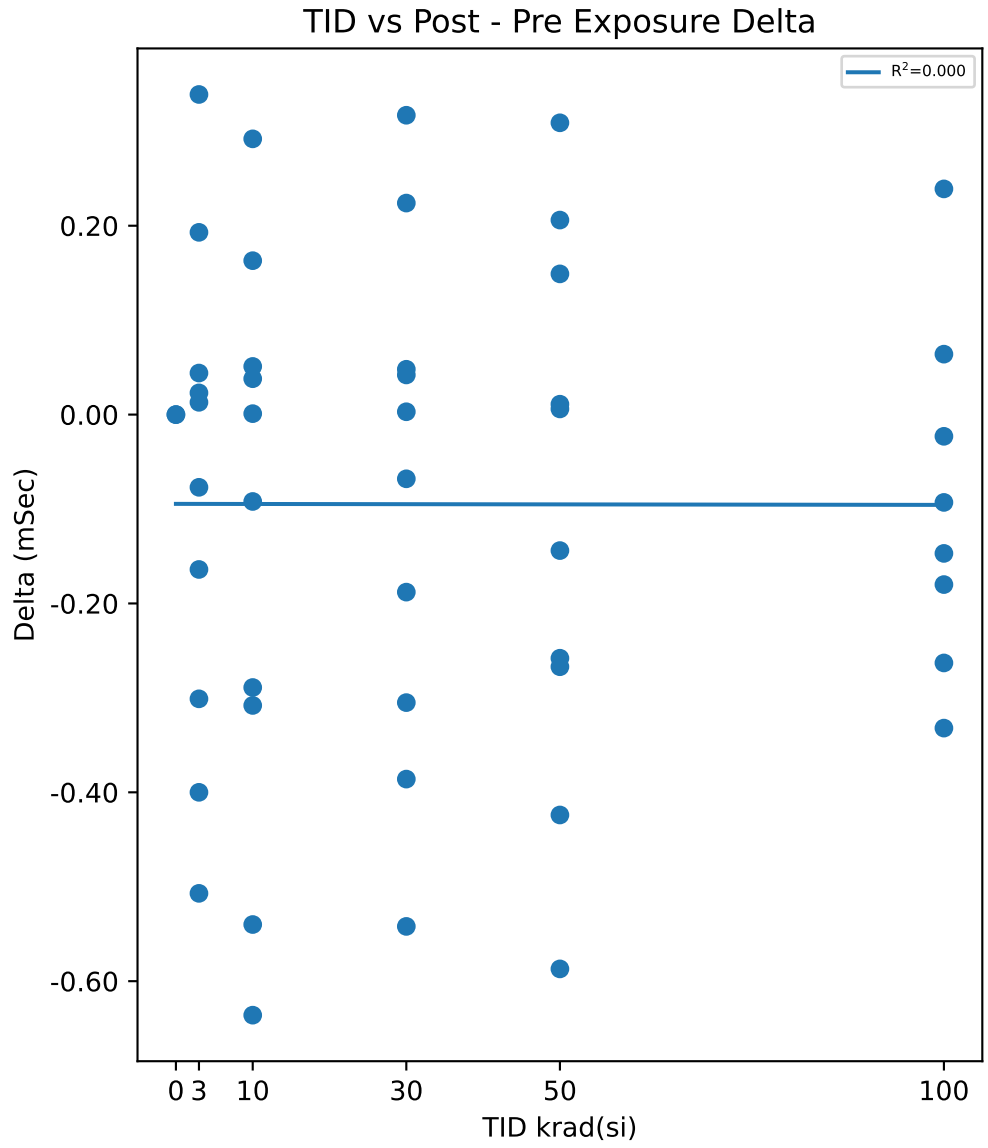
TID vs Result Stats



Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.556	12.556	0
7	0	Correlation	12.153	12.153	0
16	3	LDR-Biased	12.698	12.298	-0.4
18	3	LDR-Biased	12.63	12.674	0.044
19	3	LDR-Biased	12.653	12.489	-0.164
20	3	LDR-Biased	12.579	12.278	-0.301
21	3	LDR-Biased	12.248	12.271	0.023
22	3	LDR-Unbiased	12.288	12.627	0.339
23	3	LDR-Unbiased	12.672	12.595	-0.077
25	3	LDR-Unbiased	12.665	12.158	-0.507
26	3	LDR-Unbiased	12.357	12.37	0.013
27	3	LDR-Unbiased	12.479	12.672	0.193
46	10	LDR-Biased	12.698	12.158	-0.54
48	10	LDR-Biased	12.63	12.681	0.051
49	10	LDR-Biased	12.653	12.345	-0.308
50	10	LDR-Biased	12.579	12.29	-0.289
51	10	LDR-Biased	12.248	12.286	0.038
52	10	LDR-Unbiased	12.288	12.58	0.292
53	10	LDR-Unbiased	12.672	12.58	-0.092
55	10	LDR-Unbiased	12.665	12.029	-0.636
56	10	LDR-Unbiased	12.357	12.358	0.001
57	10	LDR-Unbiased	12.479	12.642	0.163
76	30	LDR-Biased	12.698	12.312	-0.386
78	30	LDR-Biased	12.63	12.672	0.042
79	30	LDR-Biased	12.653	12.465	-0.188
80	30	LDR-Biased	12.579	12.274	-0.305
81	30	LDR-Biased	12.248	12.251	0.003
82	30	LDR-Unbiased	12.288	12.605	0.317
83	30	LDR-Unbiased	12.672	12.604	-0.068
84	30	LDR-Unbiased	12.479	12.703	0.224
85	30	LDR-Unbiased	12.665	12.123	-0.542
86	30	LDR-Unbiased	12.357	12.405	0.048
87	100	LDR-Biased	12.384	12.361	-0.023
88	100	LDR-Biased	12.702	12.555	-0.147
90	100	LDR-Biased	12.649	12.556	-0.093
91	100	LDR-Unbiased	12.15	12.389	0.239
93	100	LDR-Unbiased	12.236	12.3	0.064
94	100	LDR-Unbiased	12.699	12.367	-0.332
95	100	LDR-Unbiased	12.67	12.407	-0.263
96	100	LDR-Unbiased	12.481	12.301	-0.18
106	50	LDR-Biased	12.698	12.274	-0.424
108	50	LDR-Biased	12.63	12.641	0.011
109	50	LDR-Biased	12.653	12.395	-0.258
110	50	LDR-Biased	12.579	12.312	-0.267
111	50	LDR-Biased	12.248	12.397	0.149
112	50	LDR-Unbiased	12.288	12.597	0.309
113	50	LDR-Unbiased	12.672	12.528	-0.144
115	50	LDR-Unbiased	12.665	12.078	-0.587
116	50	LDR-Unbiased	12.357	12.363	0.006
117	50	LDR-Unbiased	12.479	12.685	0.206

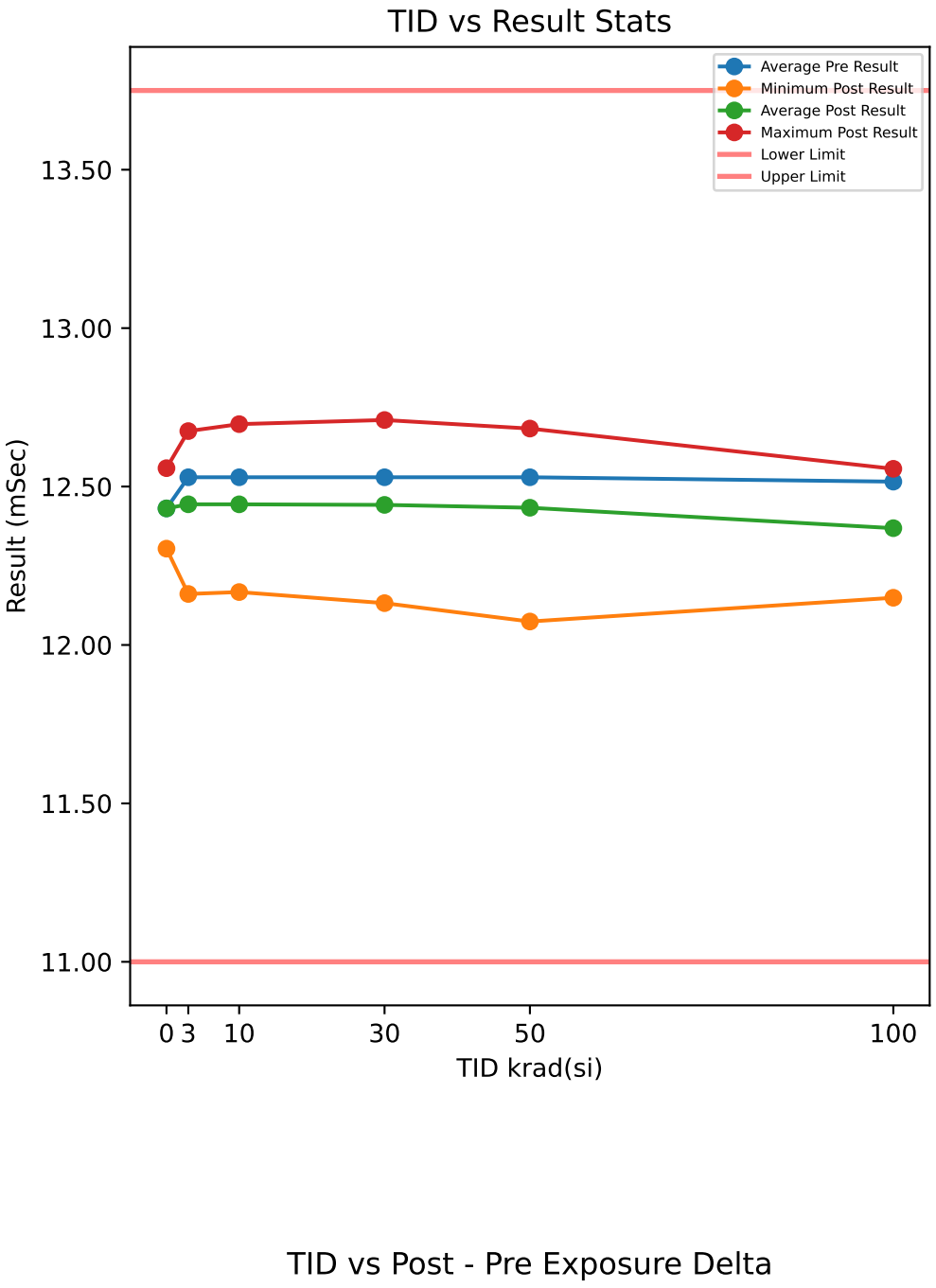
TID vs Post - Pre Exposure Delta

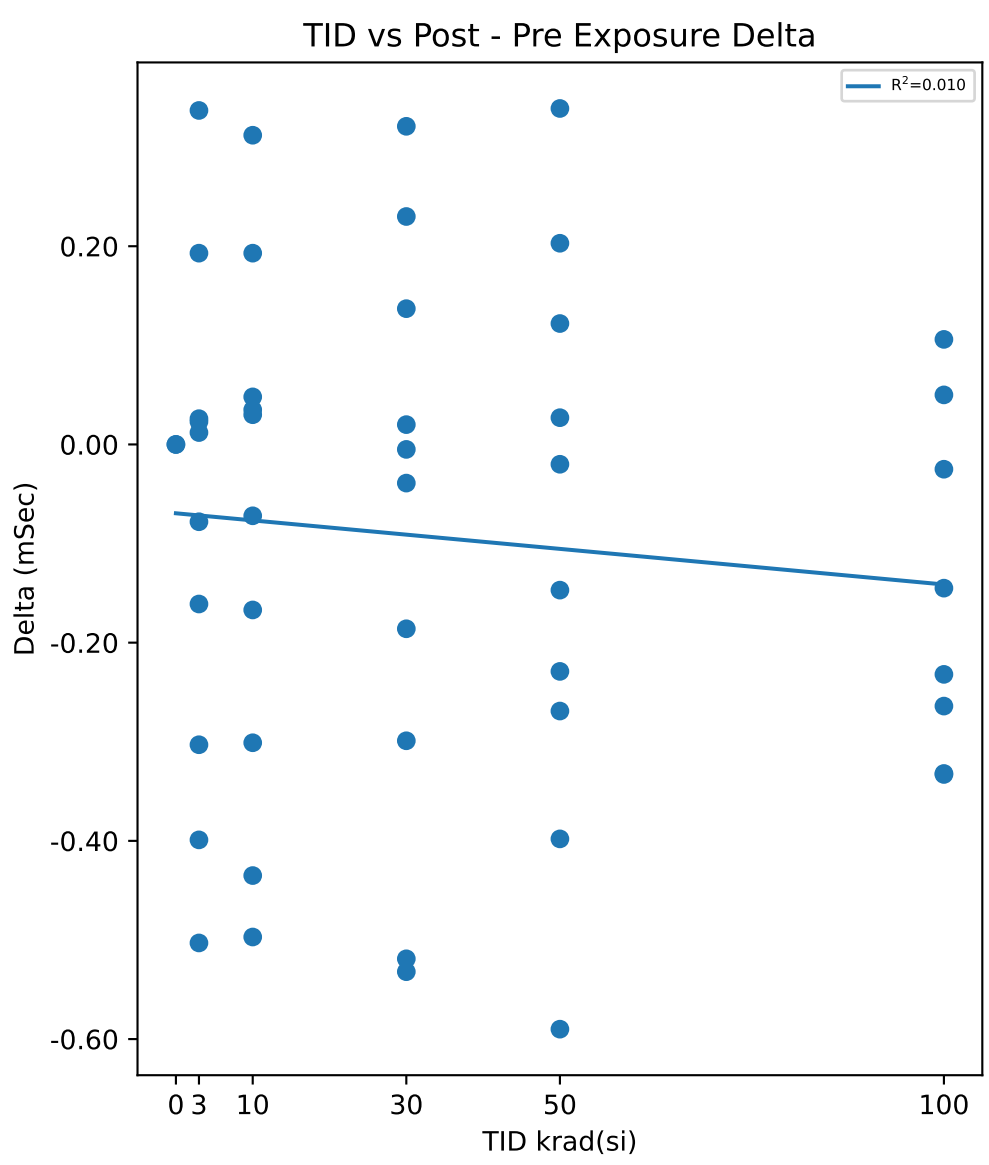


Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.153	12.354	12.556	0.28496	12.153	12.354	12.556	0.28496	0	0	0	0
3	12.248	12.527	12.698	0.17149	12.158	12.443	12.674	0.19127	-0.507	-0.0837	0.339	0.26357
10	12.248	12.527	12.698	0.17149	12.029	12.395	12.681	0.21811	-0.636	-0.132	0.292	0.30269
30	12.248	12.527	12.698	0.17149	12.123	12.441	12.703	0.19975	-0.542	-0.0855	0.317	0.27027
50	12.248	12.527	12.698	0.17149	12.078	12.427	12.685	0.18735	-0.587	-0.0999	0.309	0.2874
100	12.15	12.496	12.702	0.21955	12.3	12.405	12.556	0.10056	-0.332	-0.091875	0.239	0.18372

Device Test: 5.156 tdly_Res619K_SEQ_SU/SEQ_DONE/7/14/619K/0/0/@DLY_TMR_500KOHM





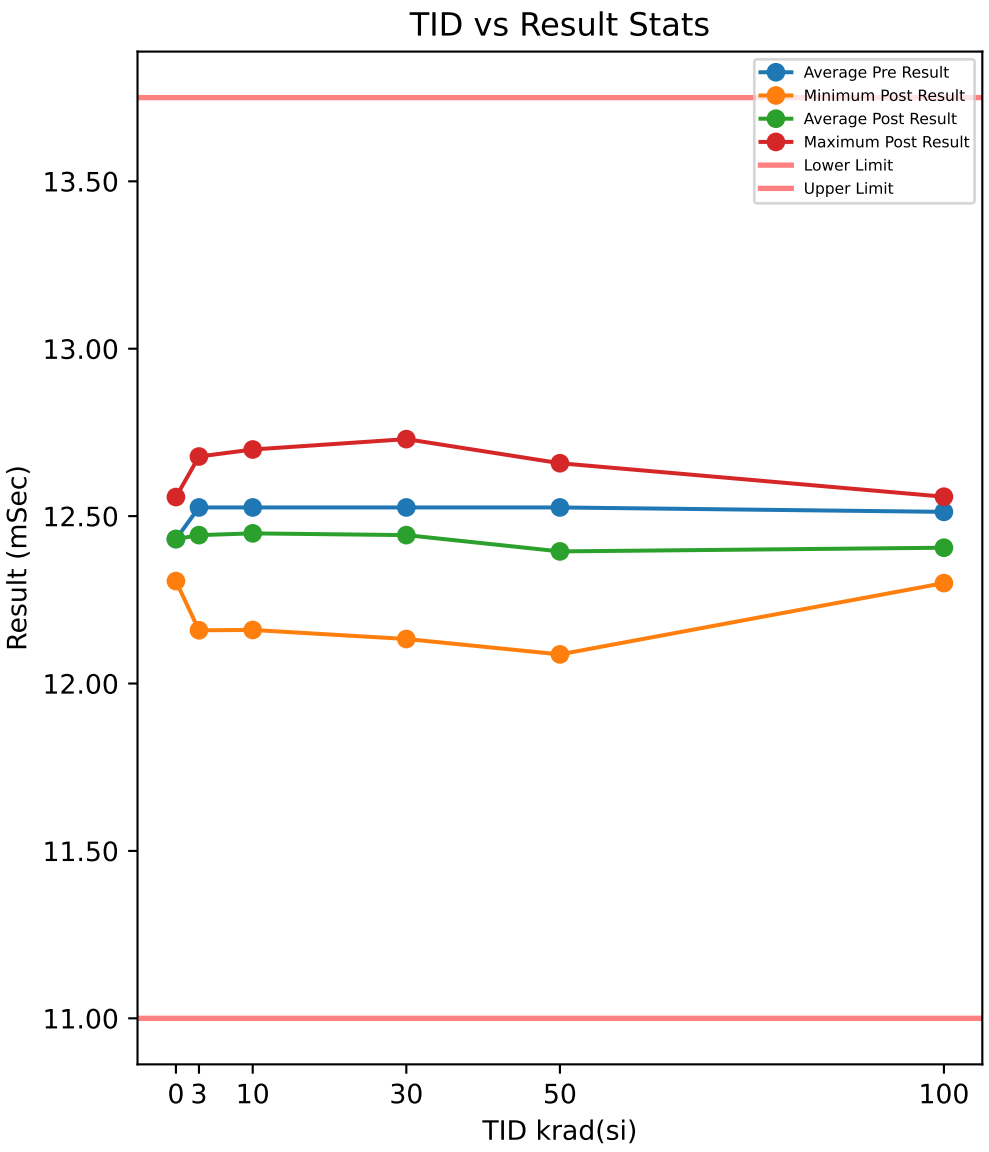
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

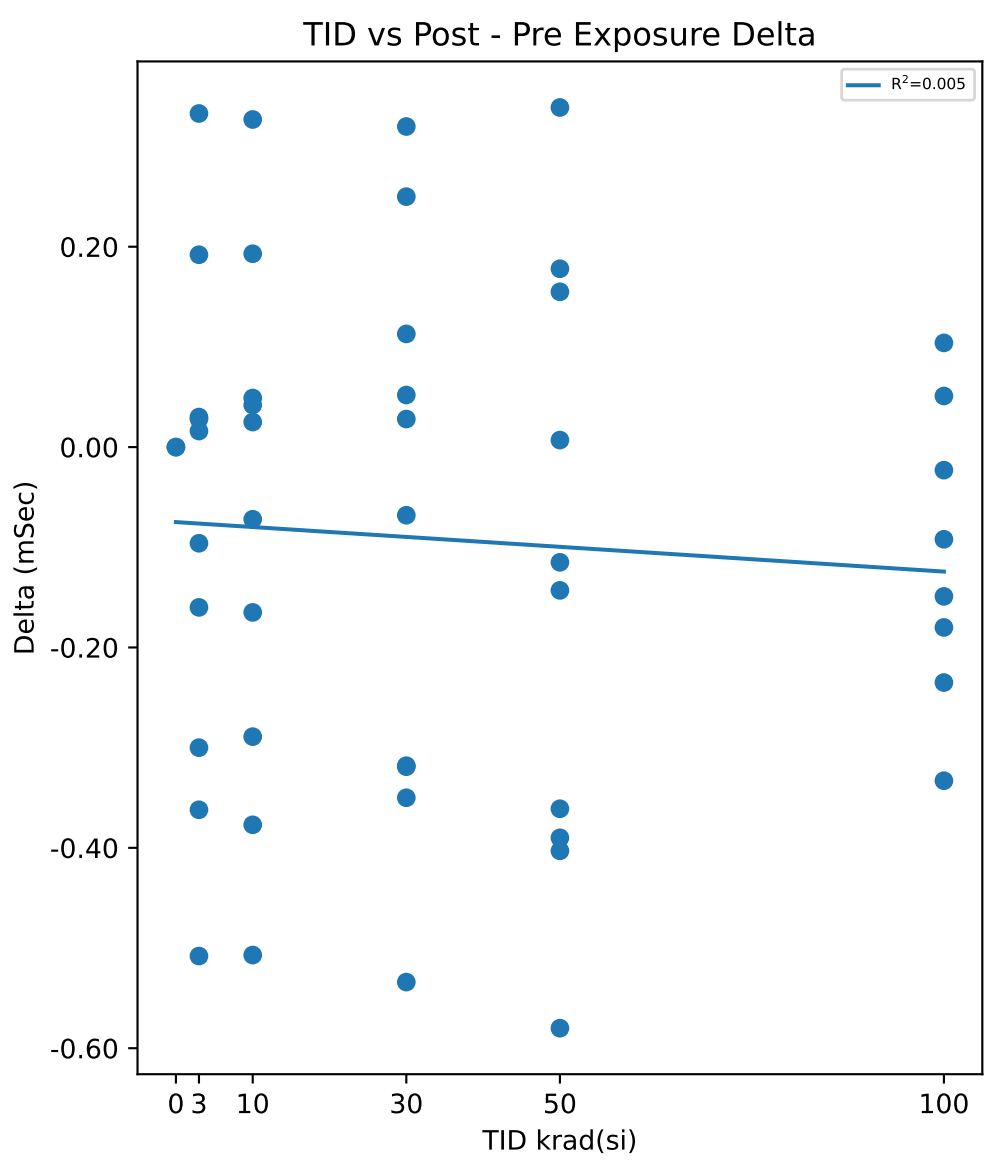
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.558	12.558	0
7	0	Correlation	12.304	12.304	0
16	3	LDR-Biased	12.699	12.3	-0.399
18	3	LDR-Biased	12.649	12.675	0.026
19	3	LDR-Biased	12.653	12.492	-0.161
20	3	LDR-Biased	12.58	12.277	-0.303
21	3	LDR-Biased	12.248	12.271	0.023
22	3	LDR-Unbiased	12.288	12.625	0.337
23	3	LDR-Unbiased	12.674	12.596	-0.078
25	3	LDR-Unbiased	12.664	12.161	-0.503
26	3	LDR-Unbiased	12.358	12.37	0.012
27	3	LDR-Unbiased	12.48	12.673	0.193
46	10	LDR-Biased	12.699	12.264	-0.435
48	10	LDR-Biased	12.649	12.697	0.048
49	10	LDR-Biased	12.653	12.486	-0.167
50	10	LDR-Biased	12.58	12.279	-0.301
51	10	LDR-Biased	12.248	12.283	0.035
52	10	LDR-Unbiased	12.288	12.6	0.312
53	10	LDR-Unbiased	12.674	12.602	-0.072
55	10	LDR-Unbiased	12.664	12.167	-0.497
56	10	LDR-Unbiased	12.358	12.388	0.03
57	10	LDR-Unbiased	12.48	12.673	0.193
76	30	LDR-Biased	12.699	12.18	-0.519
78	30	LDR-Biased	12.649	12.644	-0.005
79	30	LDR-Biased	12.653	12.467	-0.186
80	30	LDR-Biased	12.58	12.281	-0.299
81	30	LDR-Biased	12.248	12.385	0.137
82	30	LDR-Unbiased	12.288	12.609	0.321
83	30	LDR-Unbiased	12.674	12.635	-0.039
84	30	LDR-Unbiased	12.48	12.71	0.23
85	30	LDR-Unbiased	12.664	12.132	-0.532
86	30	LDR-Unbiased	12.358	12.378	0.02
87	100	LDR-Biased	12.386	12.361	-0.025
88	100	LDR-Biased	12.701	12.556	-0.145
90	100	LDR-Biased	12.648	12.416	-0.232
91	100	LDR-Unbiased	12.286	12.392	0.106
93	100	LDR-Unbiased	12.249	12.299	0.05
94	100	LDR-Unbiased	12.7	12.368	-0.332
95	100	LDR-Unbiased	12.672	12.408	-0.264
96	100	LDR-Unbiased	12.482	12.149	-0.333
106	50	LDR-Biased	12.699	12.301	-0.398
108	50	LDR-Biased	12.649	12.629	-0.02
109	50	LDR-Biased	12.653	12.424	-0.229
110	50	LDR-Biased	12.58	12.311	-0.269
111	50	LDR-Biased	12.248	12.37	0.122
112	50	LDR-Unbiased	12.288	12.627	0.339
113	50	LDR-Unbiased	12.674	12.527	-0.147
115	50	LDR-Unbiased	12.664	12.074	-0.59
116	50	LDR-Unbiased	12.358	12.385	0.027
117	50	LDR-Unbiased	12.48	12.683	0.203

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.304	12.431	12.558	0.17961	12.304	12.431	12.558	0.17961	0	0	0	0
3	12.248	12.529	12.699	0.17295	12.161	12.444	12.675	0.19093	-0.503	-0.0853	0.337	0.2615
10	12.248	12.529	12.699	0.17295	12.167	12.444	12.697	0.19233	-0.497	-0.0854	0.312	0.26373
30	12.248	12.529	12.699	0.17295	12.132	12.442	12.71	0.20451	-0.532	-0.0872	0.321	0.29383
50	12.248	12.529	12.699	0.17295	12.074	12.433	12.683	0.18706	-0.59	-0.0962	0.339	0.28529
100	12.249	12.515	12.701	0.18977	12.149	12.369	12.556	0.11501	-0.333	-0.14688	0.106	0.17215

Device Test: 5.157 tdly_Res619K_PWRGD_SU/PWRGD/7/14/619K/0/0/@DLY_TMR_500KOHM





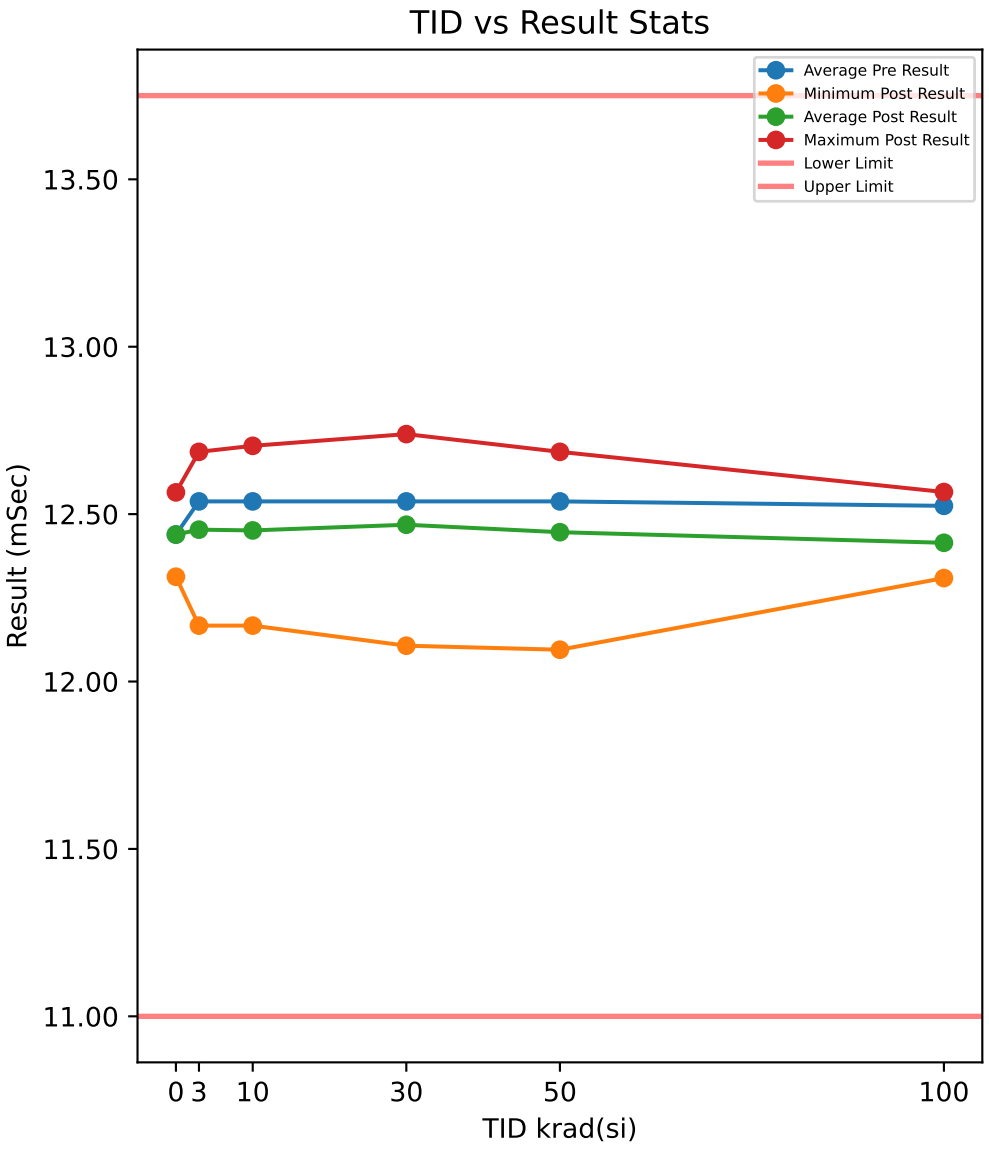
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

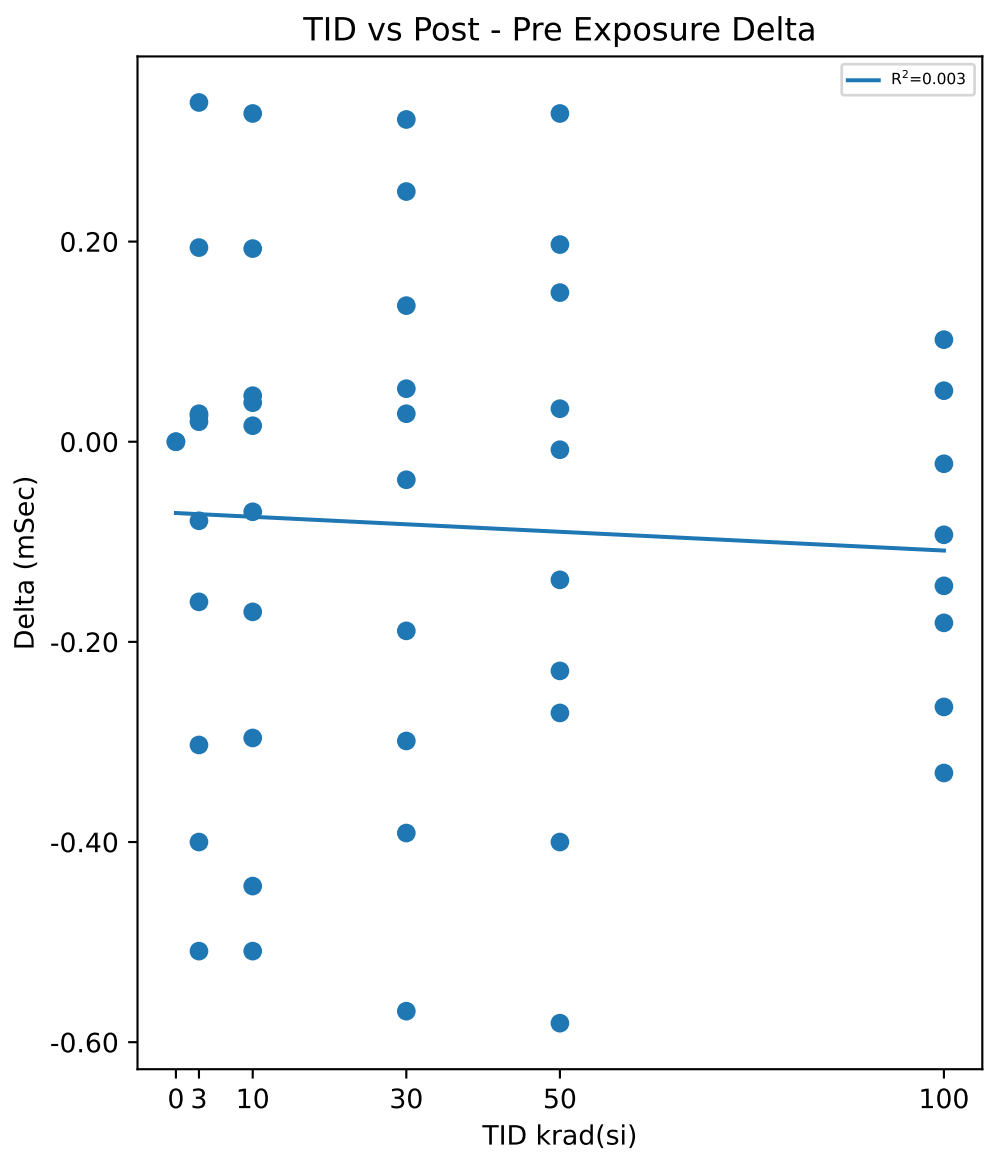
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.557	12.557	0
7	0	Correlation	12.306	12.306	0
16	3	LDR-Biased	12.664	12.302	-0.362
18	3	LDR-Biased	12.65	12.678	0.028
19	3	LDR-Biased	12.653	12.493	-0.16
20	3	LDR-Biased	12.581	12.281	-0.3
21	3	LDR-Biased	12.244	12.274	0.03
22	3	LDR-Unbiased	12.29	12.623	0.333
23	3	LDR-Unbiased	12.675	12.579	-0.096
25	3	LDR-Unbiased	12.667	12.159	-0.508
26	3	LDR-Unbiased	12.355	12.371	0.016
27	3	LDR-Unbiased	12.48	12.672	0.192
46	10	LDR-Biased	12.664	12.287	-0.377
48	10	LDR-Biased	12.65	12.699	0.049
49	10	LDR-Biased	12.653	12.488	-0.165
50	10	LDR-Biased	12.581	12.292	-0.289
51	10	LDR-Biased	12.244	12.286	0.042
52	10	LDR-Unbiased	12.29	12.617	0.327
53	10	LDR-Unbiased	12.675	12.603	-0.072
55	10	LDR-Unbiased	12.667	12.16	-0.507
56	10	LDR-Unbiased	12.355	12.38	0.025
57	10	LDR-Unbiased	12.48	12.673	0.193
76	30	LDR-Biased	12.664	12.314	-0.35
78	30	LDR-Biased	12.65	12.678	0.028
79	30	LDR-Biased	12.653	12.334	-0.319
80	30	LDR-Biased	12.581	12.263	-0.318
81	30	LDR-Biased	12.244	12.357	0.113
82	30	LDR-Unbiased	12.29	12.61	0.32
83	30	LDR-Unbiased	12.675	12.607	-0.068
84	30	LDR-Unbiased	12.48	12.73	0.25
85	30	LDR-Unbiased	12.667	12.133	-0.534
86	30	LDR-Unbiased	12.355	12.407	0.052
87	100	LDR-Biased	12.385	12.362	-0.023
88	100	LDR-Biased	12.702	12.553	-0.149
90	100	LDR-Biased	12.65	12.558	-0.092
91	100	LDR-Unbiased	12.289	12.393	0.104
93	100	LDR-Unbiased	12.249	12.3	0.051
94	100	LDR-Unbiased	12.701	12.368	-0.333
95	100	LDR-Unbiased	12.644	12.409	-0.235
96	100	LDR-Unbiased	12.482	12.302	-0.18
106	50	LDR-Biased	12.664	12.274	-0.39
108	50	LDR-Biased	12.65	12.507	-0.143
109	50	LDR-Biased	12.653	12.292	-0.361
110	50	LDR-Biased	12.581	12.178	-0.403
111	50	LDR-Biased	12.244	12.399	0.155
112	50	LDR-Unbiased	12.29	12.629	0.339
113	50	LDR-Unbiased	12.675	12.56	-0.115
115	50	LDR-Unbiased	12.667	12.087	-0.58
116	50	LDR-Unbiased	12.355	12.362	0.007
117	50	LDR-Unbiased	12.48	12.658	0.178

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.306	12.431	12.557	0.17748	12.306	12.431	12.557	0.17748	0	0	0	0
3	12.244	12.526	12.675	0.1707	12.159	12.443	12.678	0.18903	-0.508	-0.0827	0.333	0.25717
10	12.244	12.526	12.675	0.1707	12.16	12.448	12.699	0.19203	-0.507	-0.0774	0.327	0.25909
30	12.244	12.526	12.675	0.1707	12.133	12.443	12.73	0.19947	-0.534	-0.0826	0.32	0.28443
50	12.244	12.526	12.675	0.1707	12.087	12.395	12.658	0.19206	-0.58	-0.1313	0.339	0.30059
100	12.249	12.513	12.702	0.18678	12.3	12.406	12.558	0.10023	-0.333	-0.10712	0.104	0.14703

Device Test: 5.158 tdly_Res619K_EN1_SD/EN1/7/14/619K/0/0/@DLY_TMR_500KOHM





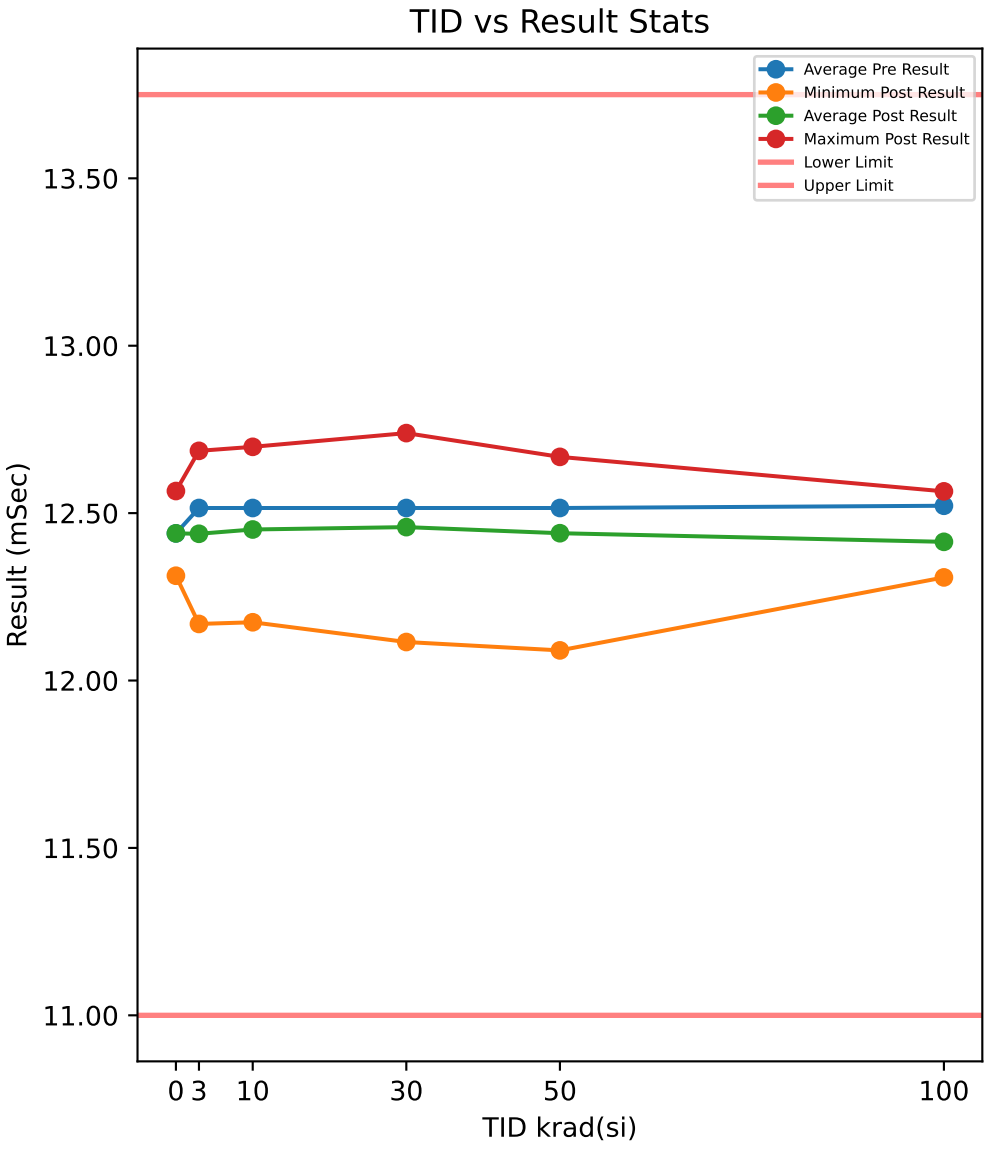
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

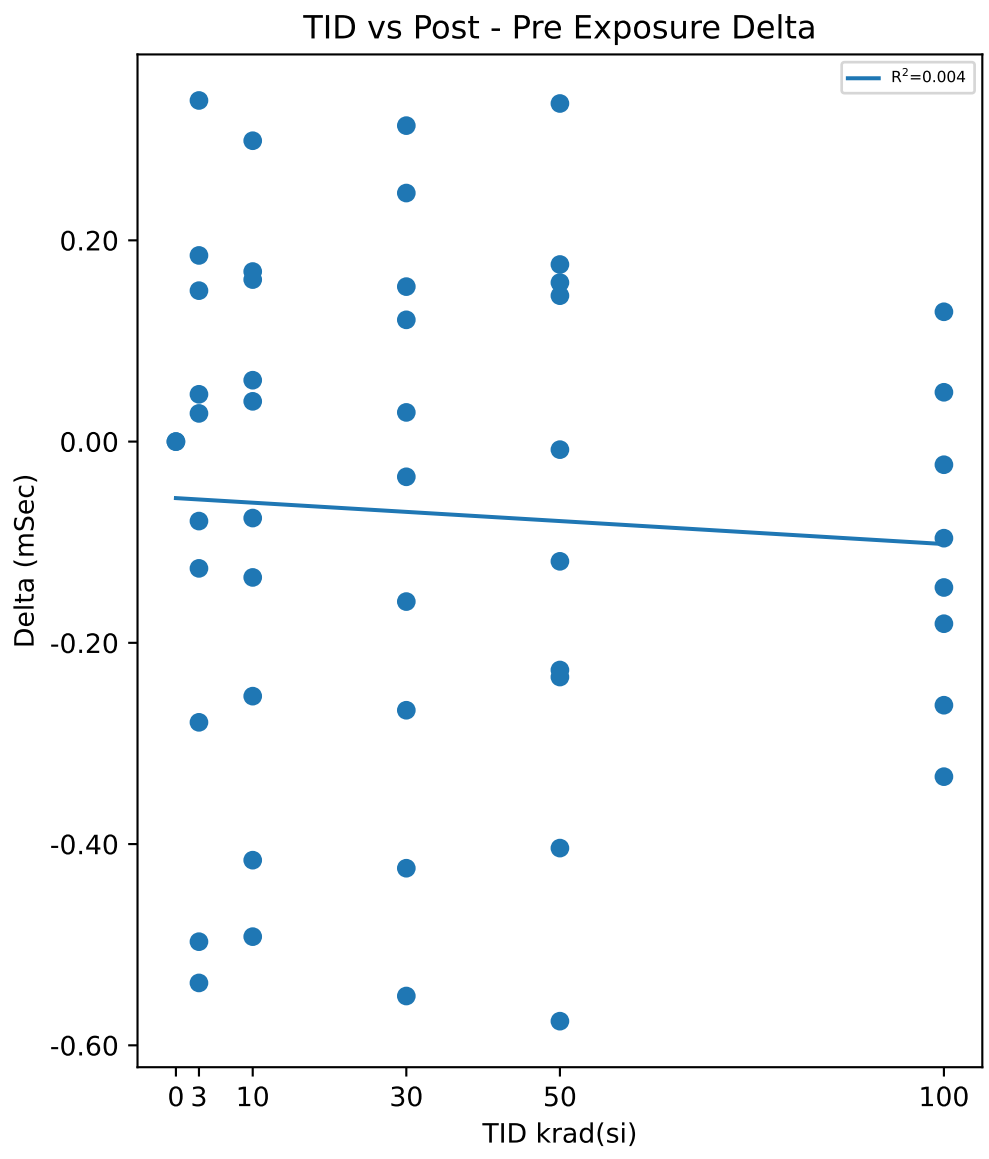
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.565	12.565	0
7	0	Correlation	12.313	12.313	0
16	3	LDR-Biased	12.709	12.309	-0.4
18	3	LDR-Biased	12.658	12.686	0.028
19	3	LDR-Biased	12.664	12.504	-0.16
20	3	LDR-Biased	12.59	12.287	-0.303
21	3	LDR-Biased	12.256	12.282	0.026
22	3	LDR-Unbiased	12.297	12.636	0.339
23	3	LDR-Unbiased	12.683	12.604	-0.079
25	3	LDR-Unbiased	12.676	12.167	-0.509
26	3	LDR-Unbiased	12.358	12.378	0.02
27	3	LDR-Unbiased	12.489	12.683	0.194
46	10	LDR-Biased	12.709	12.265	-0.444
48	10	LDR-Biased	12.658	12.704	0.046
49	10	LDR-Biased	12.664	12.494	-0.17
50	10	LDR-Biased	12.59	12.294	-0.296
51	10	LDR-Biased	12.256	12.272	0.016
52	10	LDR-Unbiased	12.297	12.625	0.328
53	10	LDR-Unbiased	12.683	12.613	-0.07
55	10	LDR-Unbiased	12.676	12.167	-0.509
56	10	LDR-Unbiased	12.358	12.397	0.039
57	10	LDR-Unbiased	12.489	12.682	0.193
76	30	LDR-Biased	12.709	12.318	-0.391
78	30	LDR-Biased	12.658	12.686	0.028
79	30	LDR-Biased	12.664	12.475	-0.189
80	30	LDR-Biased	12.59	12.291	-0.299
81	30	LDR-Biased	12.256	12.392	0.136
82	30	LDR-Unbiased	12.297	12.619	0.322
83	30	LDR-Unbiased	12.683	12.645	-0.038
84	30	LDR-Unbiased	12.489	12.739	0.25
85	30	LDR-Unbiased	12.676	12.107	-0.569
86	30	LDR-Unbiased	12.358	12.411	0.053
87	100	LDR-Biased	12.393	12.371	-0.022
88	100	LDR-Biased	12.709	12.565	-0.144
90	100	LDR-Biased	12.659	12.566	-0.093
91	100	LDR-Unbiased	12.298	12.4	0.102
93	100	LDR-Unbiased	12.258	12.309	0.051
94	100	LDR-Unbiased	12.708	12.377	-0.331
95	100	LDR-Unbiased	12.682	12.417	-0.265
96	100	LDR-Unbiased	12.491	12.31	-0.181
106	50	LDR-Biased	12.709	12.309	-0.4
108	50	LDR-Biased	12.658	12.65	-0.008
109	50	LDR-Biased	12.664	12.435	-0.229
110	50	LDR-Biased	12.59	12.319	-0.271
111	50	LDR-Biased	12.256	12.405	0.149
112	50	LDR-Unbiased	12.297	12.625	0.328
113	50	LDR-Unbiased	12.683	12.545	-0.138
115	50	LDR-Unbiased	12.676	12.095	-0.581
116	50	LDR-Unbiased	12.358	12.391	0.033
117	50	LDR-Unbiased	12.489	12.686	0.197

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.313	12.439	12.565	0.17819	12.313	12.439	12.565	0.17819	0	0	0	0
3	12.256	12.538	12.709	0.1747	12.167	12.454	12.686	0.19178	-0.509	-0.0844	0.339	0.26372
10	12.256	12.538	12.709	0.1747	12.167	12.451	12.704	0.19737	-0.509	-0.0867	0.328	0.26899
30	12.256	12.538	12.709	0.1747	12.107	12.468	12.739	0.2023	-0.569	-0.0697	0.322	0.28731
50	12.256	12.538	12.709	0.1747	12.095	12.446	12.686	0.18378	-0.581	-0.092	0.328	0.28433
100	12.258	12.525	12.709	0.18949	12.309	12.414	12.566	0.10083	-0.331	-0.11037	0.102	0.15022

Device Test: 5.159 tdly_Res619K_EN2_SD/EN2/7/14/619K/0/0/@DLY_TMR_500KOHM





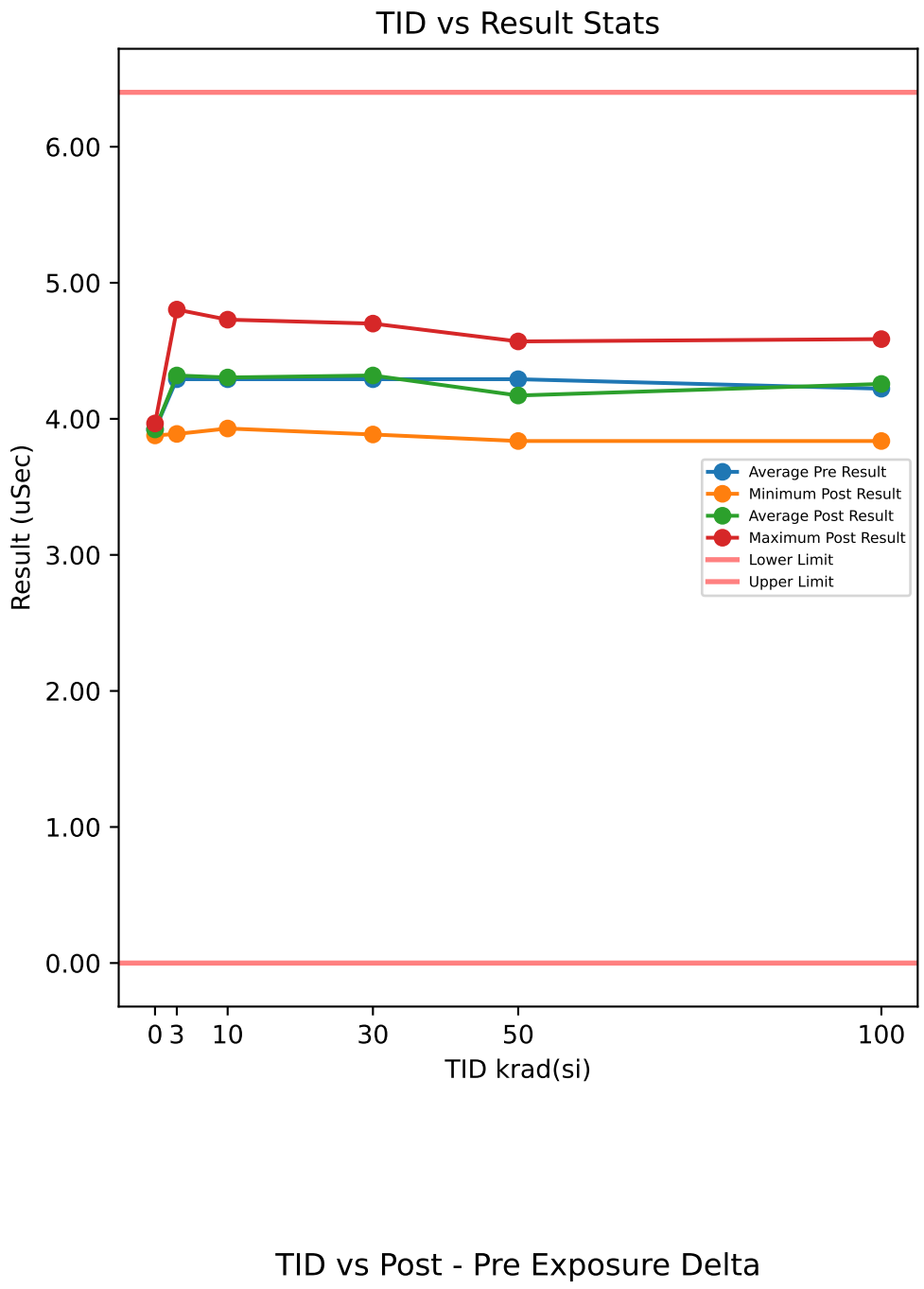
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

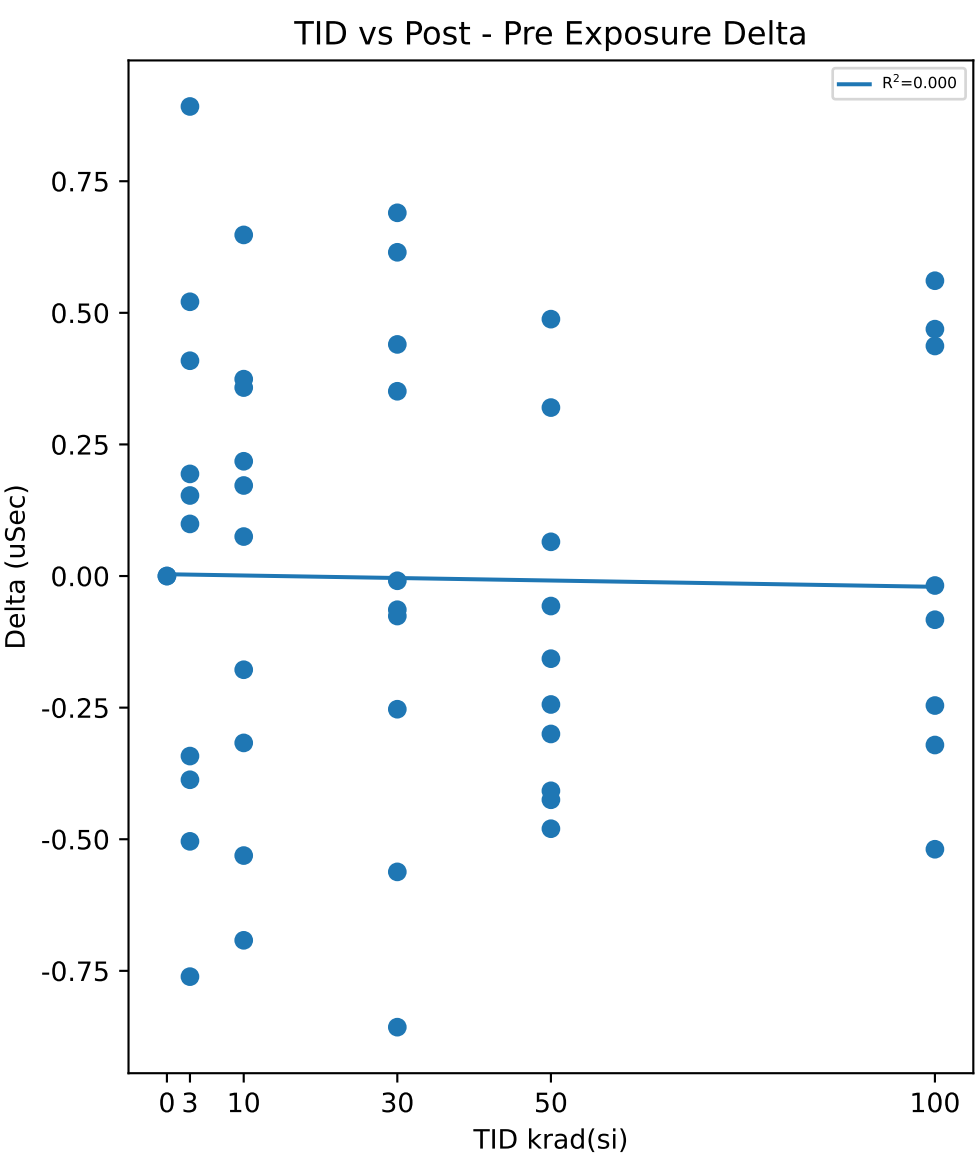
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.566	12.566	0
7	0	Correlation	12.313	12.313	0
16	3	LDR-Biased	12.71	12.172	-0.538
18	3	LDR-Biased	12.658	12.686	0.028
19	3	LDR-Biased	12.631	12.505	-0.126
20	3	LDR-Biased	12.552	12.273	-0.279
21	3	LDR-Biased	12.235	12.282	0.047
22	3	LDR-Unbiased	12.298	12.637	0.339
23	3	LDR-Unbiased	12.683	12.604	-0.079
25	3	LDR-Unbiased	12.666	12.169	-0.497
26	3	LDR-Unbiased	12.228	12.378	0.15
27	3	LDR-Unbiased	12.492	12.677	0.185
46	10	LDR-Biased	12.71	12.294	-0.416
48	10	LDR-Biased	12.658	12.698	0.04
49	10	LDR-Biased	12.631	12.496	-0.135
50	10	LDR-Biased	12.552	12.299	-0.253
51	10	LDR-Biased	12.235	12.296	0.061
52	10	LDR-Unbiased	12.298	12.597	0.299
53	10	LDR-Unbiased	12.683	12.607	-0.076
55	10	LDR-Unbiased	12.666	12.174	-0.492
56	10	LDR-Unbiased	12.228	12.397	0.169
57	10	LDR-Unbiased	12.492	12.653	0.161
76	30	LDR-Biased	12.71	12.286	-0.424
78	30	LDR-Biased	12.658	12.687	0.029
79	30	LDR-Biased	12.631	12.472	-0.159
80	30	LDR-Biased	12.552	12.285	-0.267
81	30	LDR-Biased	12.235	12.356	0.121
82	30	LDR-Unbiased	12.298	12.612	0.314
83	30	LDR-Unbiased	12.683	12.648	-0.035
84	30	LDR-Unbiased	12.492	12.739	0.247
85	30	LDR-Unbiased	12.666	12.115	-0.551
86	30	LDR-Unbiased	12.228	12.382	0.154
87	100	LDR-Biased	12.393	12.37	-0.023
88	100	LDR-Biased	12.71	12.565	-0.145
90	100	LDR-Biased	12.661	12.565	-0.096
91	100	LDR-Unbiased	12.273	12.402	0.129
93	100	LDR-Unbiased	12.259	12.308	0.049
94	100	LDR-Unbiased	12.709	12.376	-0.333
95	100	LDR-Unbiased	12.68	12.418	-0.262
96	100	LDR-Unbiased	12.491	12.31	-0.181
106	50	LDR-Biased	12.71	12.306	-0.404
108	50	LDR-Biased	12.658	12.65	-0.008
109	50	LDR-Biased	12.631	12.404	-0.227
110	50	LDR-Biased	12.552	12.318	-0.234
111	50	LDR-Biased	12.235	12.38	0.145
112	50	LDR-Unbiased	12.298	12.634	0.336
113	50	LDR-Unbiased	12.683	12.564	-0.119
115	50	LDR-Unbiased	12.666	12.09	-0.576
116	50	LDR-Unbiased	12.228	12.386	0.158
117	50	LDR-Unbiased	12.492	12.668	0.176

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.313	12.44	12.566	0.1789	12.313	12.44	12.566	0.1789	0	0	0	0
3	12.228	12.515	12.71	0.19227	12.169	12.438	12.686	0.20778	-0.538	-0.077	0.339	0.28901
10	12.228	12.515	12.71	0.19227	12.174	12.451	12.698	0.18285	-0.492	-0.0642	0.299	0.26058
30	12.228	12.515	12.71	0.19227	12.115	12.458	12.739	0.20676	-0.551	-0.0571	0.314	0.28817
50	12.228	12.515	12.71	0.19227	12.09	12.44	12.668	0.18626	-0.576	-0.0753	0.336	0.28842
100	12.259	12.522	12.71	0.19397	12.308	12.414	12.565	0.10085	-0.333	-0.10775	0.129	0.15548

Device Test: 5.16 tpd_SEQ_SU/SEQ_DONE/1.6/14/0/0/0/@TPD_SEQ_DONE





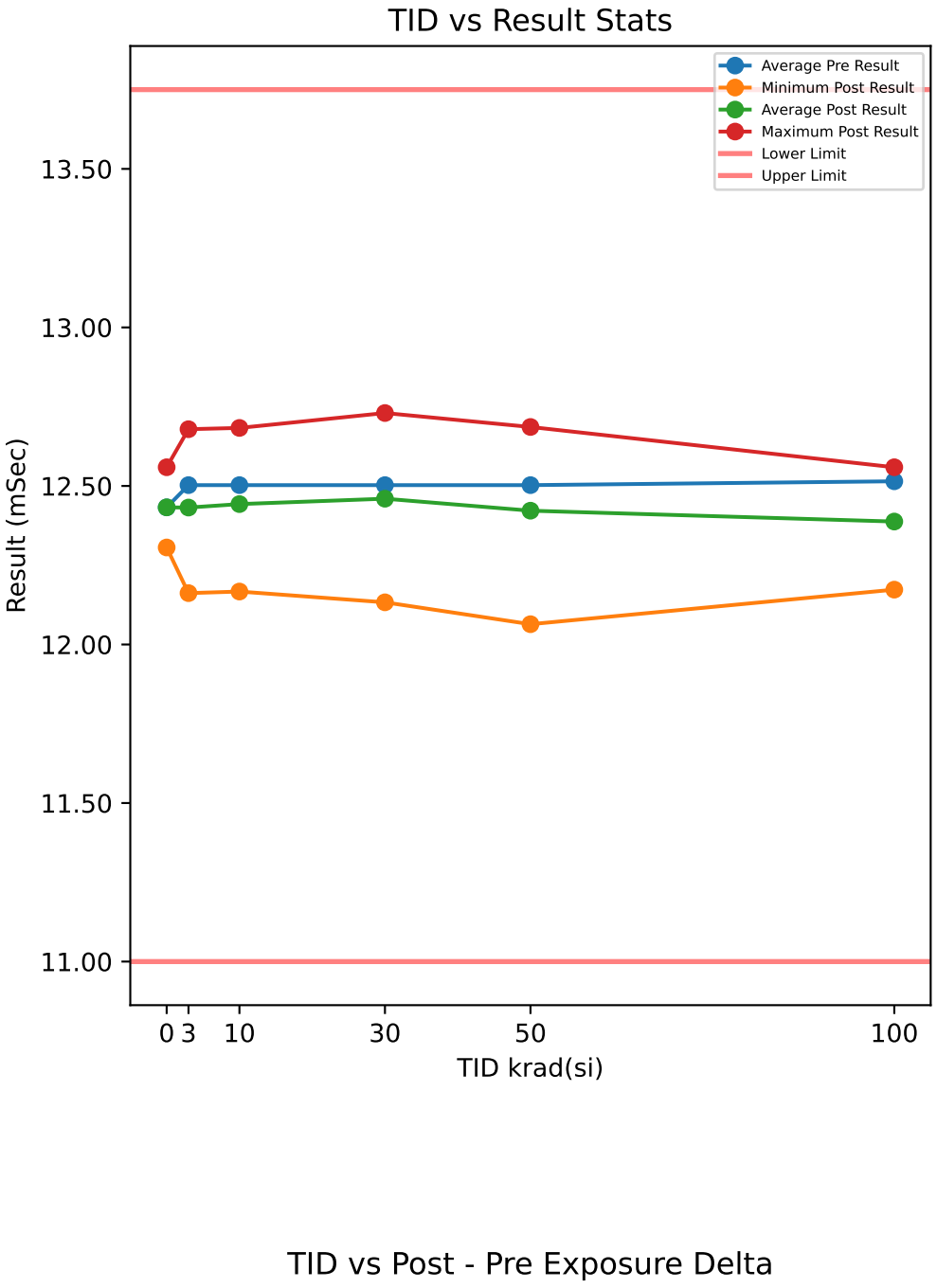
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

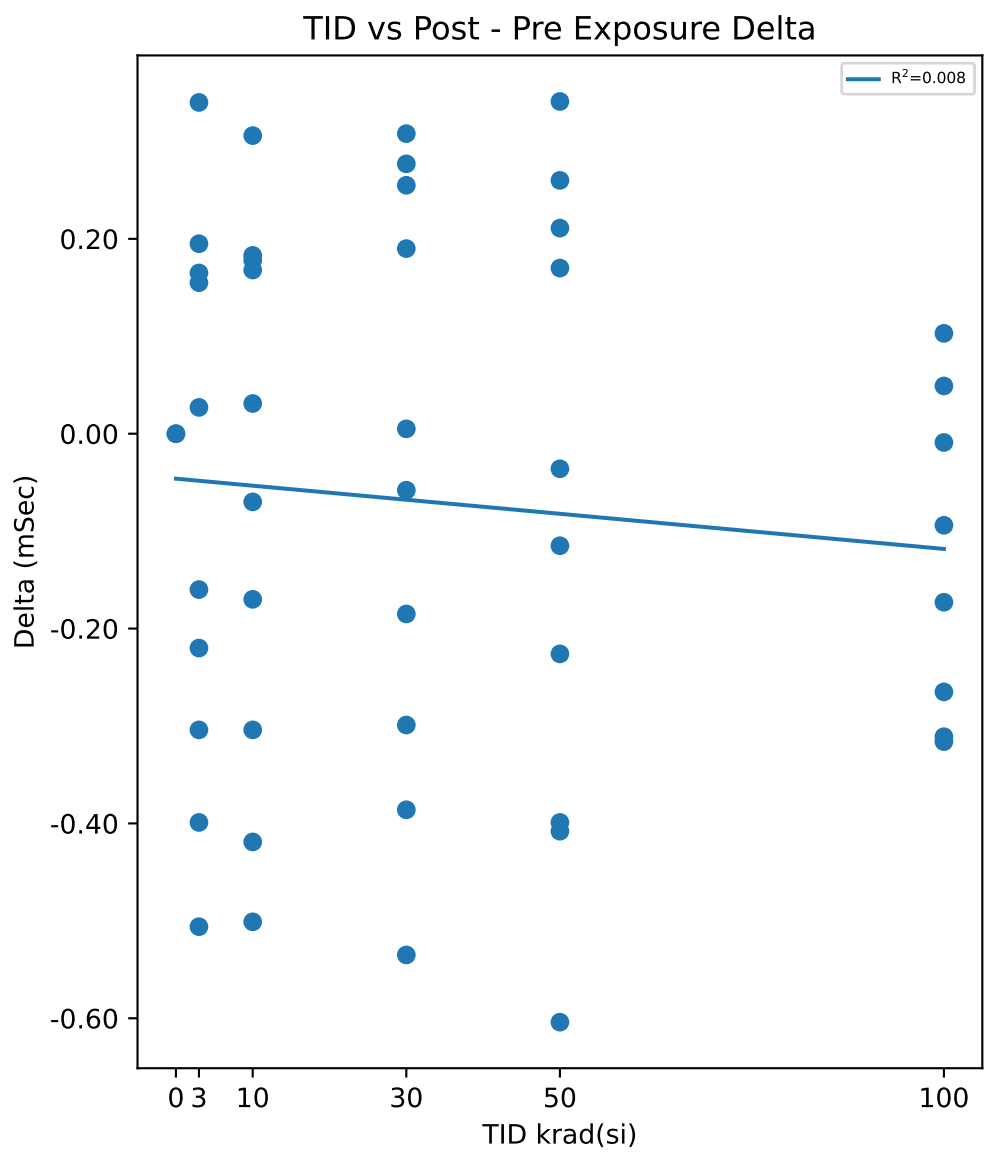
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.966	3.966	0
7	0	Correlation	3.878	3.878	0
16	3	LDR-Biased	4.742	3.981	-0.761
18	3	LDR-Biased	4.022	4.216	0.194
19	3	LDR-Biased	4.393	3.889	-0.504
20	3	LDR-Biased	4.282	4.803	0.521
21	3	LDR-Biased	3.894	4.786	0.892
22	3	LDR-Unbiased	4.46	4.118	-0.342
23	3	LDR-Unbiased	4.816	4.429	-0.387
25	3	LDR-Unbiased	4.081	4.49	0.409
26	3	LDR-Unbiased	4.138	4.237	0.099
27	3	LDR-Unbiased	4.085	4.238	0.153
46	10	LDR-Biased	4.742	4.425	-0.317
48	10	LDR-Biased	4.022	4.194	0.172
49	10	LDR-Biased	4.393	4.611	0.218
50	10	LDR-Biased	4.282	4.64	0.358
51	10	LDR-Biased	3.894	3.969	0.075
52	10	LDR-Unbiased	4.46	3.929	-0.531
53	10	LDR-Unbiased	4.816	4.124	-0.692
55	10	LDR-Unbiased	4.081	4.729	0.648
56	10	LDR-Unbiased	4.138	3.96	-0.178
57	10	LDR-Unbiased	4.085	4.459	0.374
76	30	LDR-Biased	4.742	3.885	-0.857
78	30	LDR-Biased	4.022	4.373	0.351
79	30	LDR-Biased	4.393	4.317	-0.076
80	30	LDR-Biased	4.282	4.273	-0.009
81	30	LDR-Biased	3.894	4.584	0.69
82	30	LDR-Unbiased	4.46	4.207	-0.253
83	30	LDR-Unbiased	4.816	4.254	-0.562
84	30	LDR-Unbiased	4.085	4.7	0.615
85	30	LDR-Unbiased	4.081	4.521	0.44
86	30	LDR-Unbiased	4.138	4.074	-0.064
87	100	LDR-Biased	4.287	3.966	-0.321
88	100	LDR-Biased	4.541	4.295	-0.246
90	100	LDR-Biased	3.963	4.432	0.469
91	100	LDR-Unbiased	4.149	4.586	0.437
93	100	LDR-Unbiased	4.355	4.272	-0.083
94	100	LDR-Unbiased	4.666	4.147	-0.519
95	100	LDR-Unbiased	3.855	3.837	-0.018
96	100	LDR-Unbiased	3.956	4.517	0.561
106	50	LDR-Biased	4.742	4.334	-0.408
108	50	LDR-Biased	4.022	4.087	0.065
109	50	LDR-Biased	4.393	4.149	-0.244
110	50	LDR-Biased	4.282	3.857	-0.425
111	50	LDR-Biased	3.894	3.837	-0.057
112	50	LDR-Unbiased	4.46	4.303	-0.157
113	50	LDR-Unbiased	4.816	4.336	-0.48
115	50	LDR-Unbiased	4.081	4.569	0.488
116	50	LDR-Unbiased	4.138	3.838	-0.3
117	50	LDR-Unbiased	4.085	4.405	0.32

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.878	3.922	3.966	0.062225	3.878	3.922	3.966	0.062225	0	0	0	0
3	3.894	4.2913	4.816	0.30876	3.889	4.3187	4.803	0.3086	-0.761	0.0274	0.892	0.51614
10	3.894	4.2913	4.816	0.30876	3.929	4.304	4.729	0.30589	-0.692	0.0127	0.648	0.42974
30	3.894	4.2913	4.816	0.30876	3.885	4.3188	4.7	0.24184	-0.857	0.0275	0.69	0.50418
50	3.894	4.2913	4.816	0.30876	3.837	4.1715	4.569	0.26097	-0.48	-0.1198	0.488	0.32595
100	3.855	4.2215	4.666	0.29244	3.837	4.2565	4.586	0.26222	-0.519	0.035	0.561	0.40637

Device Test: 5.160 tdly_Res619K_EN3_SD/EN3/7/14/619K/0/0/@DLY_TMR_500KOHM





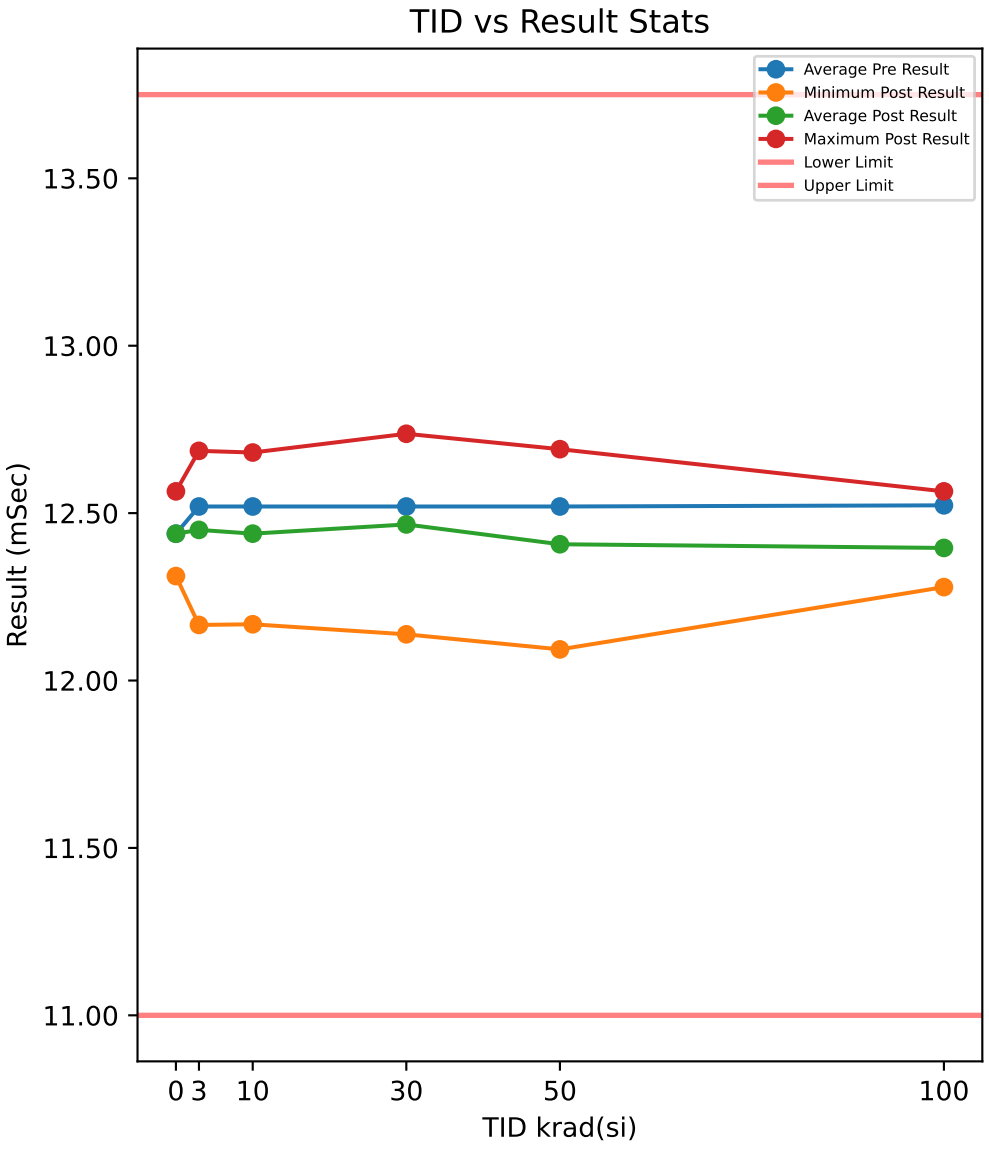
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

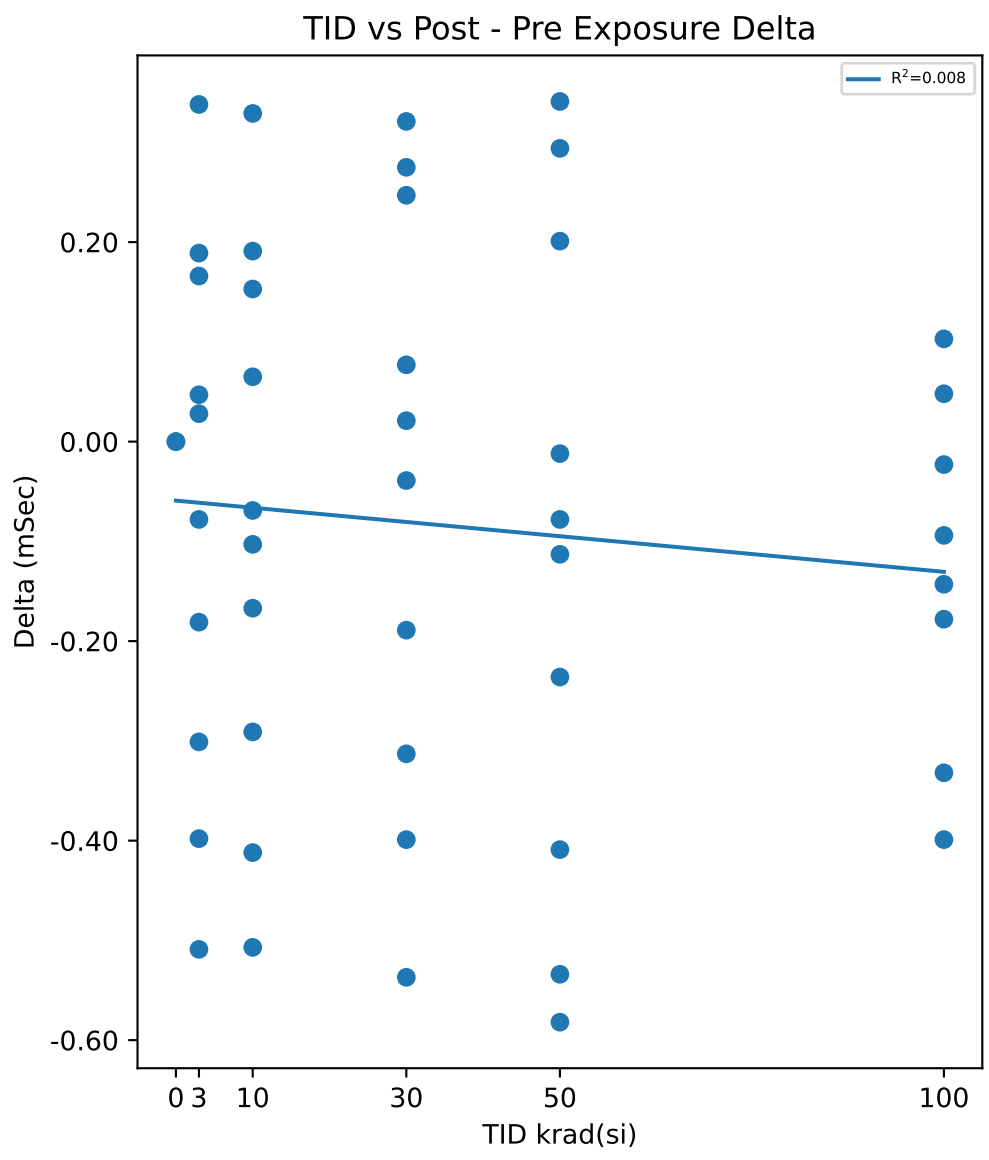
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.559	12.559	0
7	0	Correlation	12.306	12.306	0
16	3	LDR-Biased	12.702	12.303	-0.399
18	3	LDR-Biased	12.652	12.679	0.027
19	3	LDR-Biased	12.654	12.494	-0.16
20	3	LDR-Biased	12.582	12.278	-0.304
21	3	LDR-Biased	12.11	12.275	0.165
22	3	LDR-Unbiased	12.29	12.63	0.34
23	3	LDR-Unbiased	12.676	12.456	-0.22
25	3	LDR-Unbiased	12.668	12.162	-0.506
26	3	LDR-Unbiased	12.217	12.372	0.155
27	3	LDR-Unbiased	12.475	12.67	0.195
46	10	LDR-Biased	12.702	12.283	-0.419
48	10	LDR-Biased	12.652	12.683	0.031
49	10	LDR-Biased	12.654	12.484	-0.17
50	10	LDR-Biased	12.582	12.278	-0.304
51	10	LDR-Biased	12.11	12.288	0.178
52	10	LDR-Unbiased	12.29	12.596	0.306
53	10	LDR-Unbiased	12.676	12.606	-0.07
55	10	LDR-Unbiased	12.668	12.167	-0.501
56	10	LDR-Unbiased	12.217	12.385	0.168
57	10	LDR-Unbiased	12.475	12.658	0.183
76	30	LDR-Biased	12.702	12.316	-0.386
78	30	LDR-Biased	12.652	12.657	0.005
79	30	LDR-Biased	12.654	12.469	-0.185
80	30	LDR-Biased	12.582	12.283	-0.299
81	30	LDR-Biased	12.11	12.387	0.277
82	30	LDR-Unbiased	12.29	12.598	0.308
83	30	LDR-Unbiased	12.676	12.618	-0.058
84	30	LDR-Unbiased	12.475	12.73	0.255
85	30	LDR-Unbiased	12.668	12.133	-0.535
86	30	LDR-Unbiased	12.217	12.407	0.19
87	100	LDR-Biased	12.373	12.364	-0.009
88	100	LDR-Biased	12.704	12.531	-0.173
90	100	LDR-Biased	12.653	12.559	-0.094
91	100	LDR-Unbiased	12.291	12.394	0.103
93	100	LDR-Unbiased	12.253	12.302	0.049
94	100	LDR-Unbiased	12.686	12.37	-0.316
95	100	LDR-Unbiased	12.674	12.409	-0.265
96	100	LDR-Unbiased	12.484	12.173	-0.311
106	50	LDR-Biased	12.702	12.303	-0.399
108	50	LDR-Biased	12.652	12.616	-0.036
109	50	LDR-Biased	12.654	12.428	-0.226
110	50	LDR-Biased	12.582	12.174	-0.408
111	50	LDR-Biased	12.11	12.37	0.26
112	50	LDR-Unbiased	12.29	12.631	0.341
113	50	LDR-Unbiased	12.676	12.561	-0.115
115	50	LDR-Unbiased	12.668	12.064	-0.604
116	50	LDR-Unbiased	12.217	12.387	0.17
117	50	LDR-Unbiased	12.475	12.686	0.211

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.306	12.432	12.559	0.1789	12.306	12.432	12.559	0.1789	0	0	0	0
3	12.11	12.503	12.702	0.21868	12.162	12.432	12.679	0.18342	-0.506	-0.0707	0.34	0.28622
10	12.11	12.503	12.702	0.21868	12.167	12.443	12.683	0.18615	-0.501	-0.0598	0.306	0.27988
30	12.11	12.503	12.702	0.21868	12.133	12.46	12.73	0.18942	-0.535	-0.0428	0.308	0.30123
50	12.11	12.503	12.702	0.21868	12.064	12.422	12.686	0.20497	-0.604	-0.0806	0.341	0.32462
100	12.253	12.515	12.704	0.18869	12.173	12.388	12.559	0.12229	-0.316	-0.127	0.103	0.16459

Device Test: 5.161 tdly_Res619K_EN4_SD/EN4/7/14/619K/0/0/@DLY_TMR_500KOHM





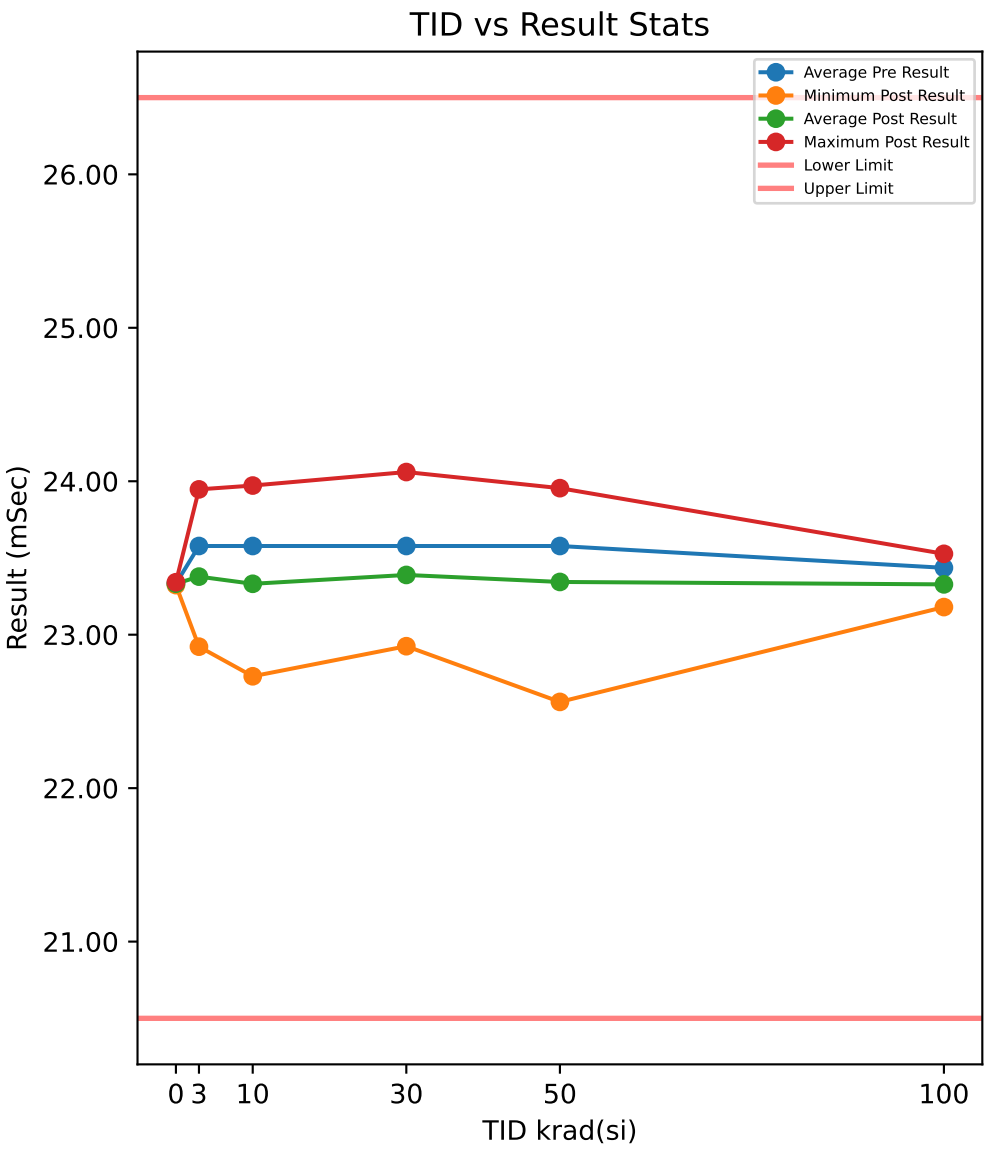
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

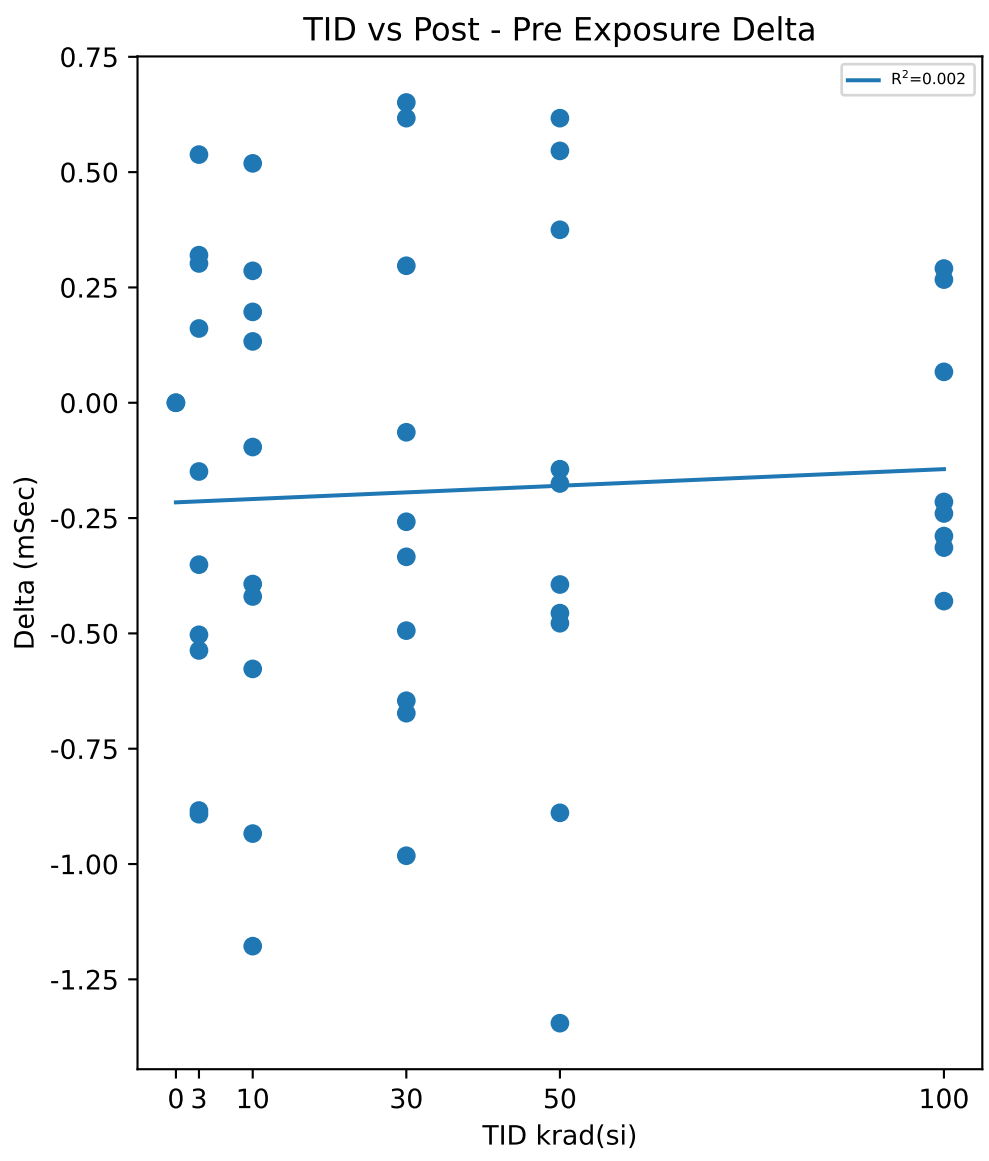
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.565	12.565	0
7	0	Correlation	12.312	12.312	0
16	3	LDR-Biased	12.706	12.308	-0.398
18	3	LDR-Biased	12.658	12.686	0.028
19	3	LDR-Biased	12.662	12.481	-0.181
20	3	LDR-Biased	12.588	12.287	-0.301
21	3	LDR-Biased	12.112	12.278	0.166
22	3	LDR-Unbiased	12.296	12.634	0.338
23	3	LDR-Unbiased	12.681	12.603	-0.078
25	3	LDR-Unbiased	12.675	12.166	-0.509
26	3	LDR-Unbiased	12.33	12.377	0.047
27	3	LDR-Unbiased	12.49	12.679	0.189
46	10	LDR-Biased	12.706	12.294	-0.412
48	10	LDR-Biased	12.658	12.555	-0.103
49	10	LDR-Biased	12.662	12.495	-0.167
50	10	LDR-Biased	12.588	12.297	-0.291
51	10	LDR-Biased	12.112	12.265	0.153
52	10	LDR-Unbiased	12.296	12.625	0.329
53	10	LDR-Unbiased	12.681	12.612	-0.069
55	10	LDR-Unbiased	12.675	12.168	-0.507
56	10	LDR-Unbiased	12.33	12.395	0.065
57	10	LDR-Unbiased	12.49	12.681	0.191
76	30	LDR-Biased	12.706	12.307	-0.399
78	30	LDR-Biased	12.658	12.679	0.021
79	30	LDR-Biased	12.662	12.473	-0.189
80	30	LDR-Biased	12.588	12.275	-0.313
81	30	LDR-Biased	12.112	12.387	0.275
82	30	LDR-Unbiased	12.296	12.617	0.321
83	30	LDR-Unbiased	12.681	12.642	-0.039
84	30	LDR-Unbiased	12.49	12.737	0.247
85	30	LDR-Unbiased	12.675	12.138	-0.537
86	30	LDR-Unbiased	12.33	12.407	0.077
87	100	LDR-Biased	12.392	12.369	-0.023
88	100	LDR-Biased	12.706	12.563	-0.143
90	100	LDR-Biased	12.659	12.565	-0.094
91	100	LDR-Unbiased	12.296	12.399	0.103
93	100	LDR-Unbiased	12.258	12.306	0.048
94	100	LDR-Unbiased	12.709	12.377	-0.332
95	100	LDR-Unbiased	12.678	12.279	-0.399
96	100	LDR-Unbiased	12.488	12.31	-0.178
106	50	LDR-Biased	12.706	12.172	-0.534
108	50	LDR-Biased	12.658	12.646	-0.012
109	50	LDR-Biased	12.662	12.426	-0.236
110	50	LDR-Biased	12.588	12.179	-0.409
111	50	LDR-Biased	12.112	12.406	0.294
112	50	LDR-Unbiased	12.296	12.637	0.341
113	50	LDR-Unbiased	12.681	12.568	-0.113
115	50	LDR-Unbiased	12.675	12.093	-0.582
116	50	LDR-Unbiased	12.33	12.252	-0.078
117	50	LDR-Unbiased	12.49	12.691	0.201

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.312	12.438	12.565	0.1789	12.312	12.438	12.565	0.1789	0	0	0	0
3	12.112	12.52	12.706	0.20602	12.166	12.45	12.686	0.1911	-0.509	-0.0699	0.338	0.27459
10	12.112	12.52	12.706	0.20602	12.168	12.439	12.681	0.17843	-0.507	-0.0811	0.329	0.27107
30	12.112	12.52	12.706	0.20602	12.138	12.466	12.737	0.19768	-0.537	-0.0536	0.321	0.29816
50	12.112	12.52	12.706	0.20602	12.093	12.407	12.691	0.22281	-0.582	-0.1128	0.341	0.33027
100	12.258	12.523	12.709	0.18926	12.279	12.396	12.565	0.11131	-0.399	-0.12725	0.103	0.17497

Device Test: 5.162 tdly_Res1p18M_EN1_SU/EN1/7/14/1.18M/0/0/@DLY_TMR_1MOHM





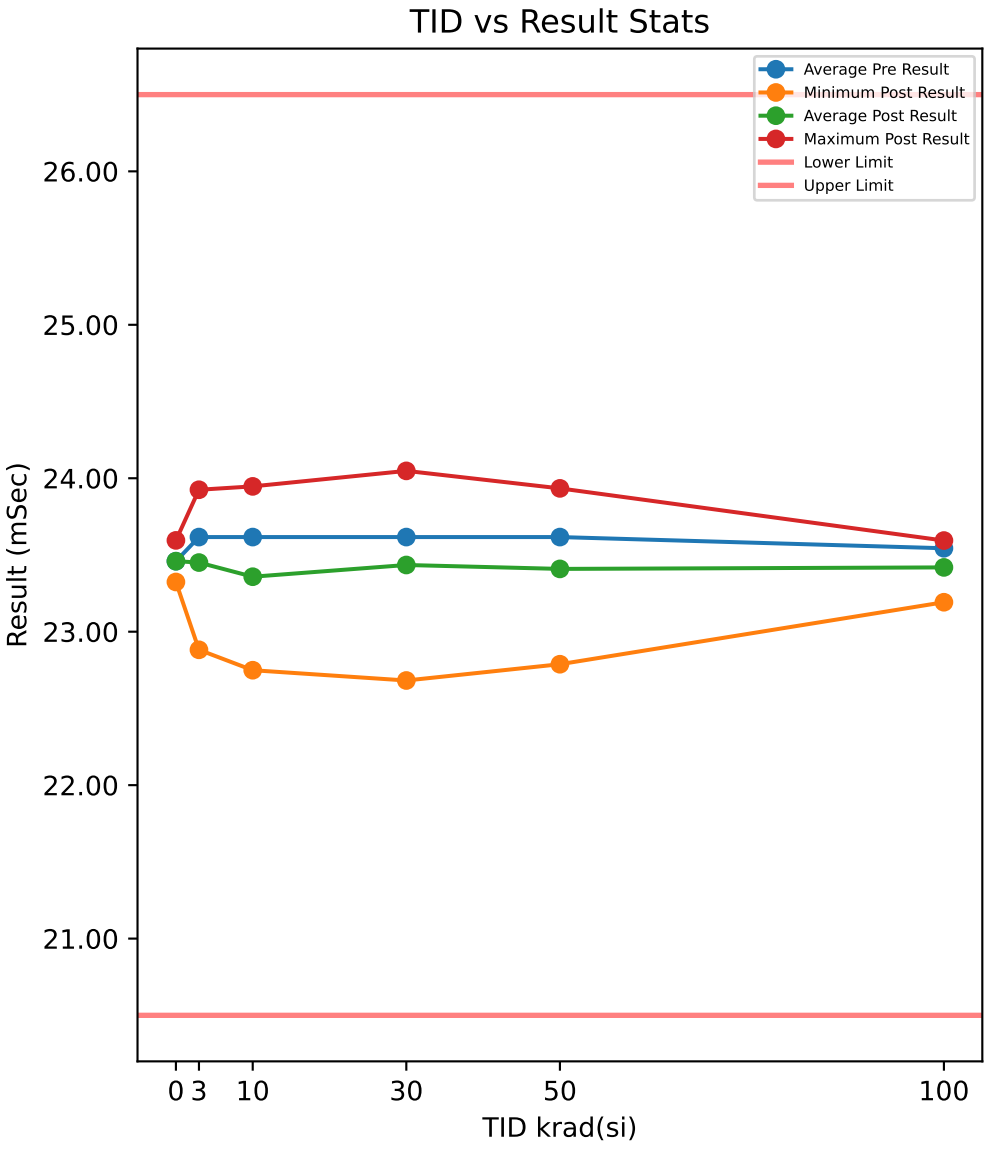
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

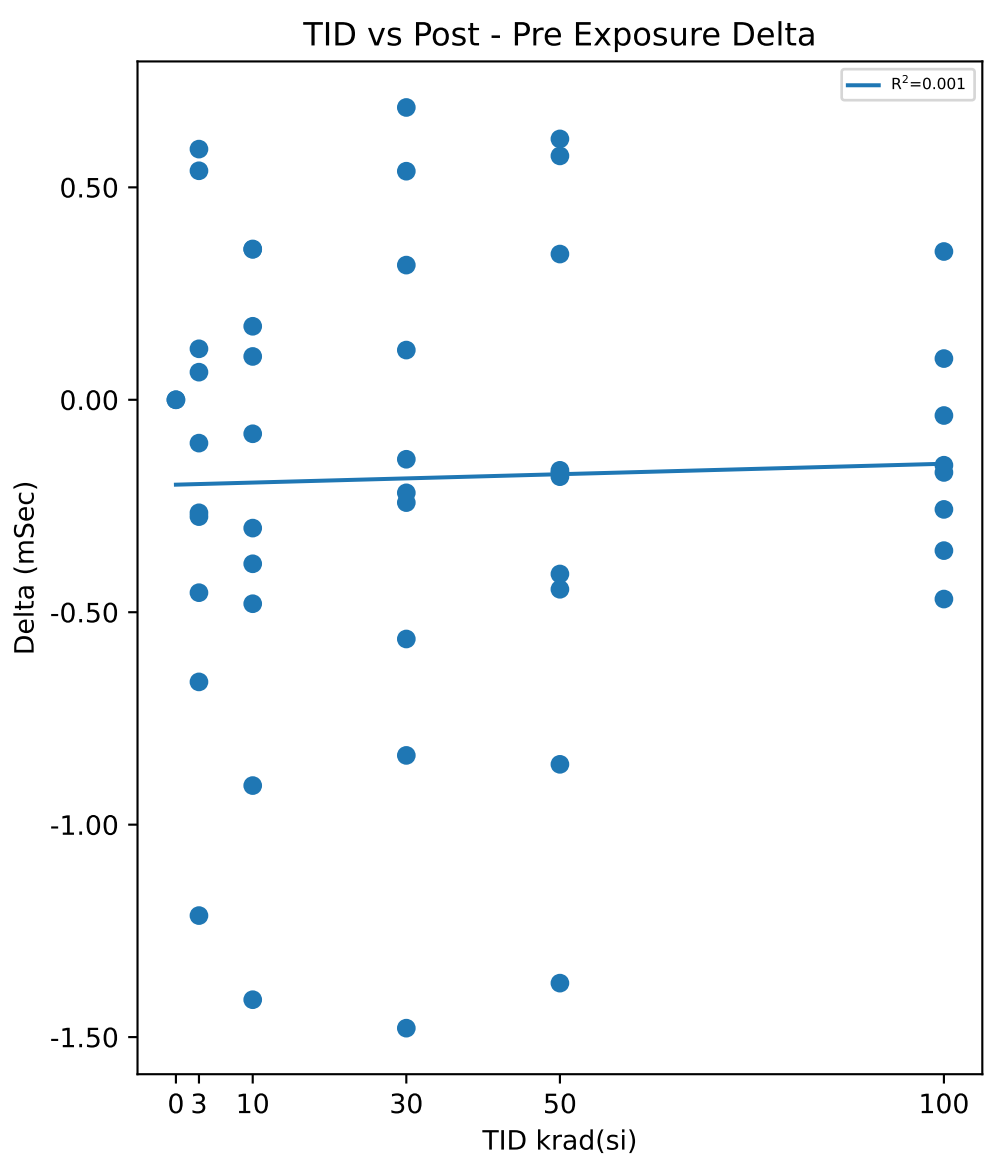
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.323	23.323	0
7	0	Correlation	23.342	23.342	0
16	3	LDR-Biased	23.864	22.972	-0.892
18	3	LDR-Biased	23.729	23.89	0.161
19	3	LDR-Biased	24.019	23.482	-0.537
20	3	LDR-Biased	23.425	22.922	-0.503
21	3	LDR-Biased	22.91	23.212	0.302
22	3	LDR-Unbiased	23.119	23.439	0.32
23	3	LDR-Unbiased	24.068	23.717	-0.351
25	3	LDR-Unbiased	23.907	23.023	-0.884
26	3	LDR-Unbiased	23.33	23.181	-0.149
27	3	LDR-Unbiased	23.409	23.947	0.538
46	10	LDR-Biased	23.864	22.93	-0.934
48	10	LDR-Biased	23.729	23.926	0.197
49	10	LDR-Biased	24.019	23.442	-0.577
50	10	LDR-Biased	23.425	23.005	-0.42
51	10	LDR-Biased	22.91	23.043	0.133
52	10	LDR-Unbiased	23.119	23.405	0.286
53	10	LDR-Unbiased	24.068	23.972	-0.096
55	10	LDR-Unbiased	23.907	22.729	-1.178
56	10	LDR-Unbiased	23.33	22.937	-0.393
57	10	LDR-Unbiased	23.409	23.928	0.519
76	30	LDR-Biased	23.864	23.218	-0.646
78	30	LDR-Biased	23.729	23.665	-0.064
79	30	LDR-Biased	24.019	23.346	-0.673
80	30	LDR-Biased	23.425	22.931	-0.494
81	30	LDR-Biased	22.91	23.527	0.617
82	30	LDR-Unbiased	23.119	23.416	0.297
83	30	LDR-Unbiased	24.068	23.81	-0.258
84	30	LDR-Unbiased	23.409	24.06	0.651
85	30	LDR-Unbiased	23.907	22.925	-0.982
86	30	LDR-Unbiased	23.33	22.996	-0.334
87	100	LDR-Biased	23.129	23.42	0.291
88	100	LDR-Biased	23.632	23.343	-0.289
90	100	LDR-Biased	23.538	23.323	-0.215
91	100	LDR-Unbiased	22.917	23.184	0.267
93	100	LDR-Unbiased	23.173	23.24	0.067
94	100	LDR-Unbiased	23.837	23.407	-0.43
95	100	LDR-Unbiased	23.841	23.527	-0.314
96	100	LDR-Unbiased	23.42	23.18	-0.24
106	50	LDR-Biased	23.864	22.975	-0.889
108	50	LDR-Biased	23.729	23.554	-0.175
109	50	LDR-Biased	24.019	23.563	-0.456
110	50	LDR-Biased	23.425	23.281	-0.144
111	50	LDR-Biased	22.91	23.527	0.617
112	50	LDR-Unbiased	23.119	23.494	0.375
113	50	LDR-Unbiased	24.068	23.59	-0.478
115	50	LDR-Unbiased	23.907	22.562	-1.345
116	50	LDR-Unbiased	23.33	22.936	-0.394
117	50	LDR-Unbiased	23.409	23.955	0.546

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.323	23.332	23.342	0.013435	23.323	23.332	23.342	0.013435	0	0	0	0
3	22.91	23.578	24.068	0.3969	22.922	23.378	23.947	0.3772	-0.892	-0.1995	0.538	0.51369
10	22.91	23.578	24.068	0.3969	22.729	23.332	23.972	0.4722	-1.178	-0.2463	0.519	0.55117
30	22.91	23.578	24.068	0.3969	22.925	23.389	24.06	0.385	-0.982	-0.1886	0.651	0.55756
50	22.91	23.578	24.068	0.3969	22.562	23.344	23.955	0.40825	-1.345	-0.2343	0.617	0.62475
100	22.917	23.436	23.841	0.33947	23.18	23.328	23.527	0.12244	-0.43	-0.10788	0.291	0.27728

Device Test: 5.163 tdly_Res1p18M_EN2_SU/EN2/7/14/1.18M/0/0/@DLY_TMR_1MOHM





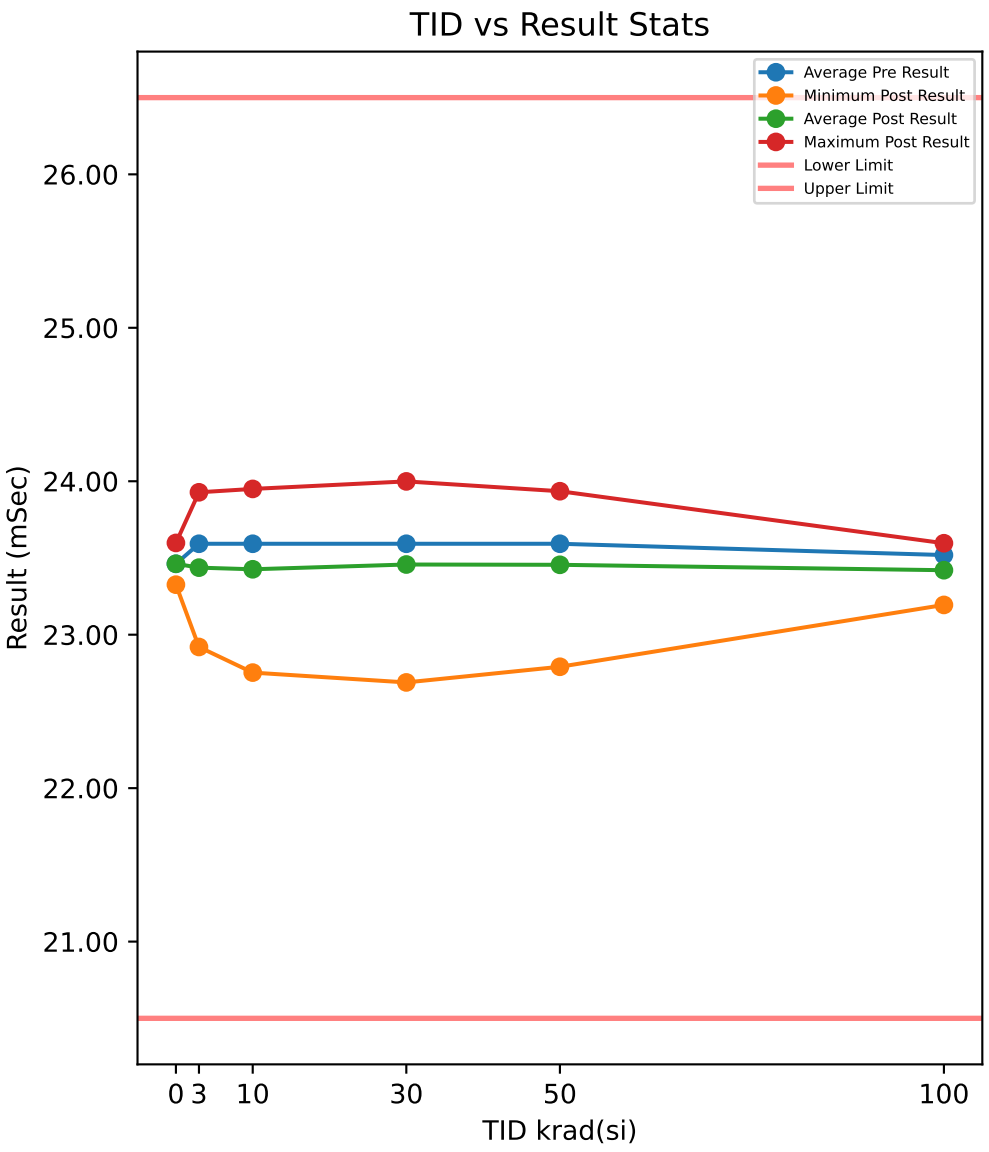
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

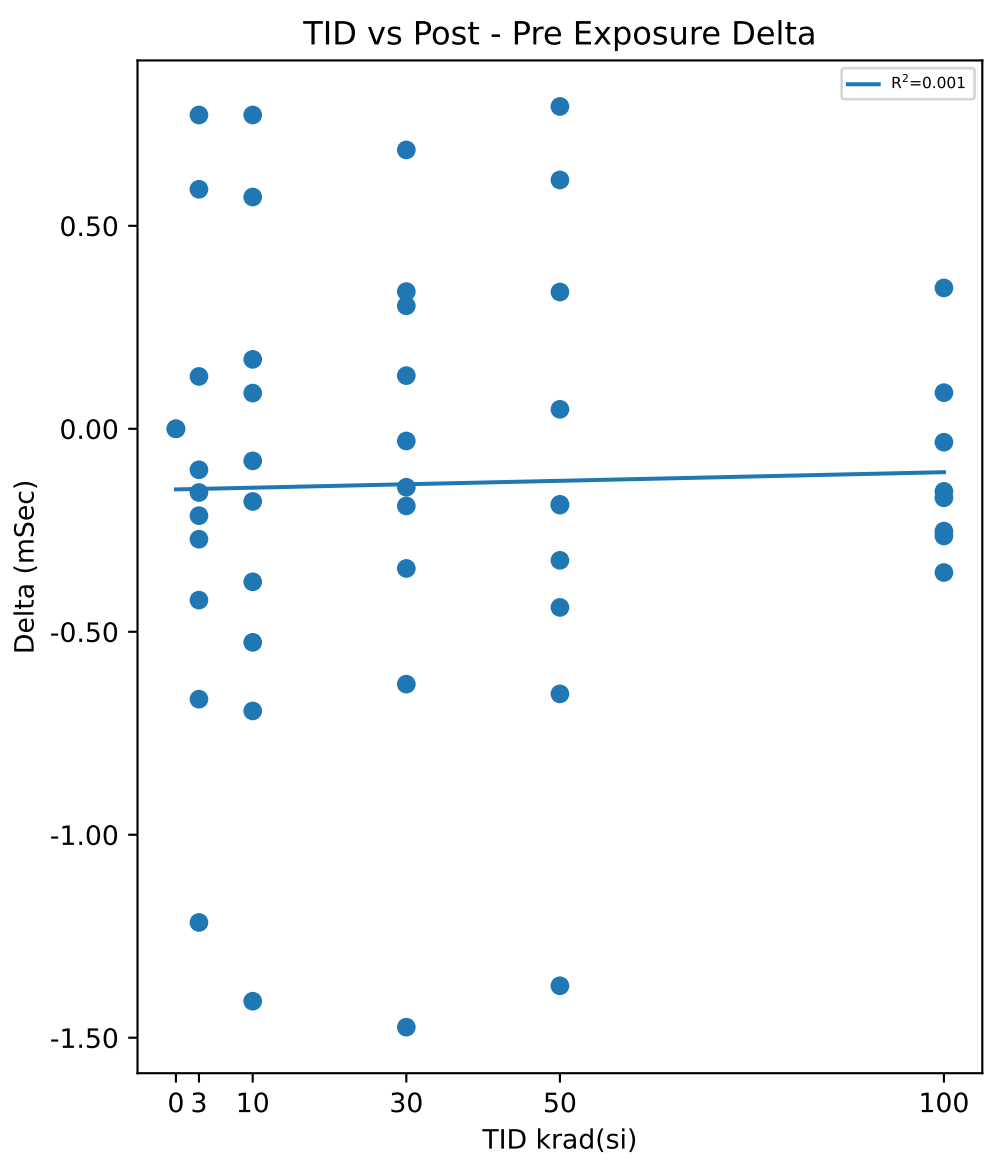
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.595	23.595	0
7	0	Correlation	23.324	23.324	0
16	3	LDR-Biased	23.851	23.187	-0.664
18	3	LDR-Biased	23.745	23.865	0.12
19	3	LDR-Biased	23.971	23.696	-0.275
20	3	LDR-Biased	23.438	23.172	-0.266
21	3	LDR-Biased	23.147	23.212	0.065
22	3	LDR-Unbiased	23.131	23.721	0.59
23	3	LDR-Unbiased	24.027	23.925	-0.102
25	3	LDR-Unbiased	24.161	22.947	-1.214
26	3	LDR-Unbiased	23.336	22.882	-0.454
27	3	LDR-Unbiased	23.36	23.899	0.539
46	10	LDR-Biased	23.851	22.943	-0.908
48	10	LDR-Biased	23.745	23.918	0.173
49	10	LDR-Biased	23.971	23.669	-0.302
50	10	LDR-Biased	23.438	22.958	-0.48
51	10	LDR-Biased	23.147	23.249	0.102
52	10	LDR-Unbiased	23.131	23.486	0.355
53	10	LDR-Unbiased	24.027	23.947	-0.08
55	10	LDR-Unbiased	24.161	22.749	-1.412
56	10	LDR-Unbiased	23.336	22.95	-0.386
57	10	LDR-Unbiased	23.36	23.714	0.354
76	30	LDR-Biased	23.851	23.014	-0.837
78	30	LDR-Biased	23.745	23.862	0.117
79	30	LDR-Biased	23.971	23.408	-0.563
80	30	LDR-Biased	23.438	23.196	-0.242
81	30	LDR-Biased	23.147	23.464	0.317
82	30	LDR-Unbiased	23.131	23.669	0.538
83	30	LDR-Unbiased	24.027	23.808	-0.219
84	30	LDR-Unbiased	23.36	24.048	0.688
85	30	LDR-Unbiased	24.161	22.682	-1.479
86	30	LDR-Unbiased	23.336	23.196	-0.14
87	100	LDR-Biased	23.41	23.373	-0.037
88	100	LDR-Biased	23.852	23.594	-0.258
90	100	LDR-Biased	23.748	23.594	-0.154
91	100	LDR-Unbiased	23.128	23.477	0.349
93	100	LDR-Unbiased	23.158	23.255	0.097
94	100	LDR-Unbiased	23.856	23.387	-0.469
95	100	LDR-Unbiased	23.835	23.48	-0.355
96	100	LDR-Unbiased	23.363	23.192	-0.171
106	50	LDR-Biased	23.851	22.993	-0.858
108	50	LDR-Biased	23.745	23.573	-0.172
109	50	LDR-Biased	23.971	23.525	-0.446
110	50	LDR-Biased	23.438	23.272	-0.166
111	50	LDR-Biased	23.147	23.49	0.343
112	50	LDR-Unbiased	23.131	23.745	0.614
113	50	LDR-Unbiased	24.027	23.617	-0.41
115	50	LDR-Unbiased	24.161	22.788	-1.373
116	50	LDR-Unbiased	23.336	23.155	-0.181
117	50	LDR-Unbiased	23.36	23.934	0.574

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.324	23.459	23.595	0.19163	23.324	23.459	23.595	0.19163	0	0	0	0
3	23.131	23.617	24.161	0.37927	22.882	23.451	23.925	0.4099	-1.214	-0.1661	0.59	0.54354
10	23.131	23.617	24.161	0.37927	22.749	23.358	23.947	0.44495	-1.412	-0.2584	0.355	0.56952
30	23.131	23.617	24.161	0.37927	22.682	23.435	24.048	0.42322	-1.479	-0.182	0.688	0.65632
50	23.131	23.617	24.161	0.37927	22.788	23.409	23.934	0.35287	-1.373	-0.2075	0.614	0.62109
100	23.128	23.544	23.856	0.31425	23.192	23.419	23.594	0.14634	-0.469	-0.12475	0.349	0.26011

Device Test: 5.164 tdly_Res1p18M_EN3_SU/EN3/7/14/1.18M/0/0/@DLY_TMR_1MOHM





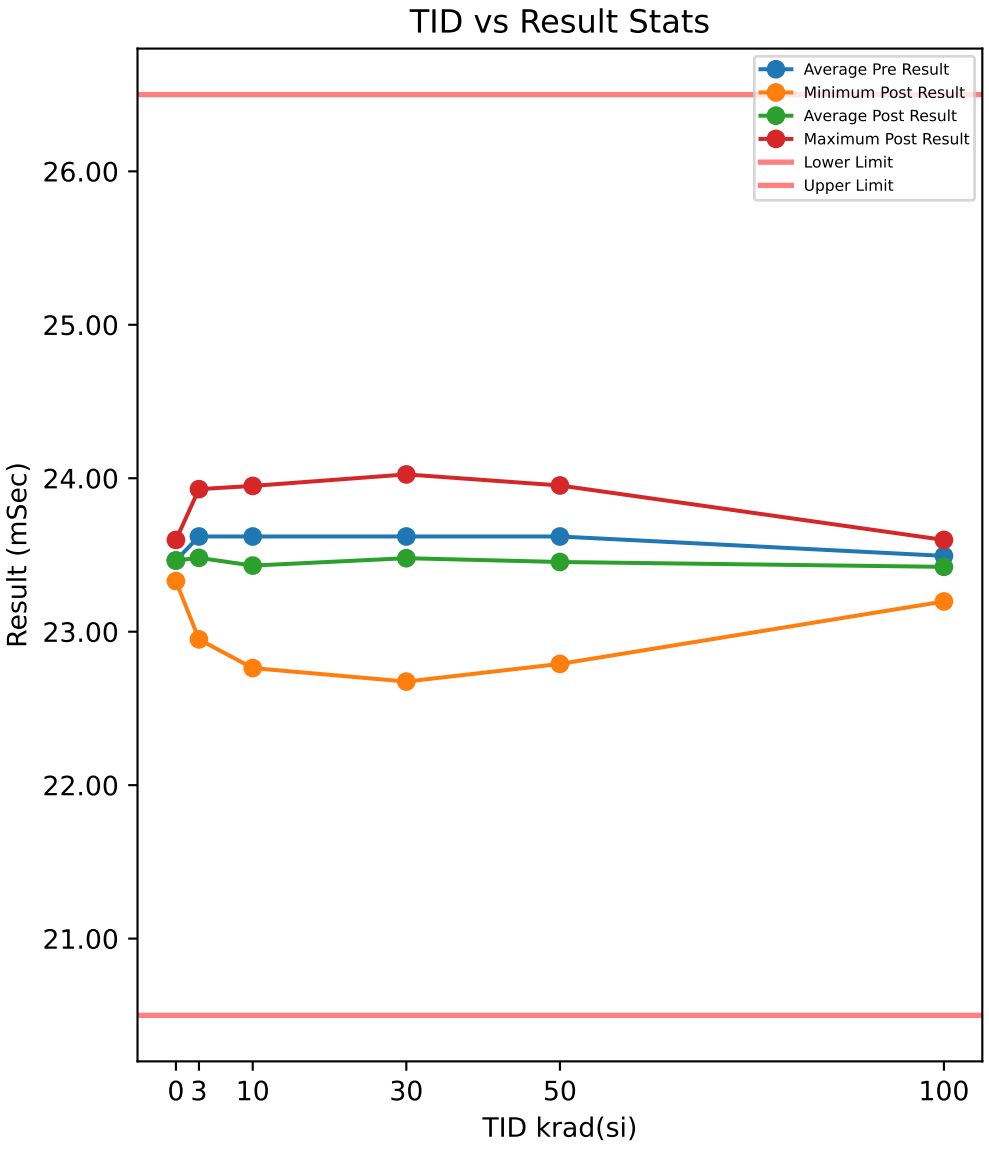
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

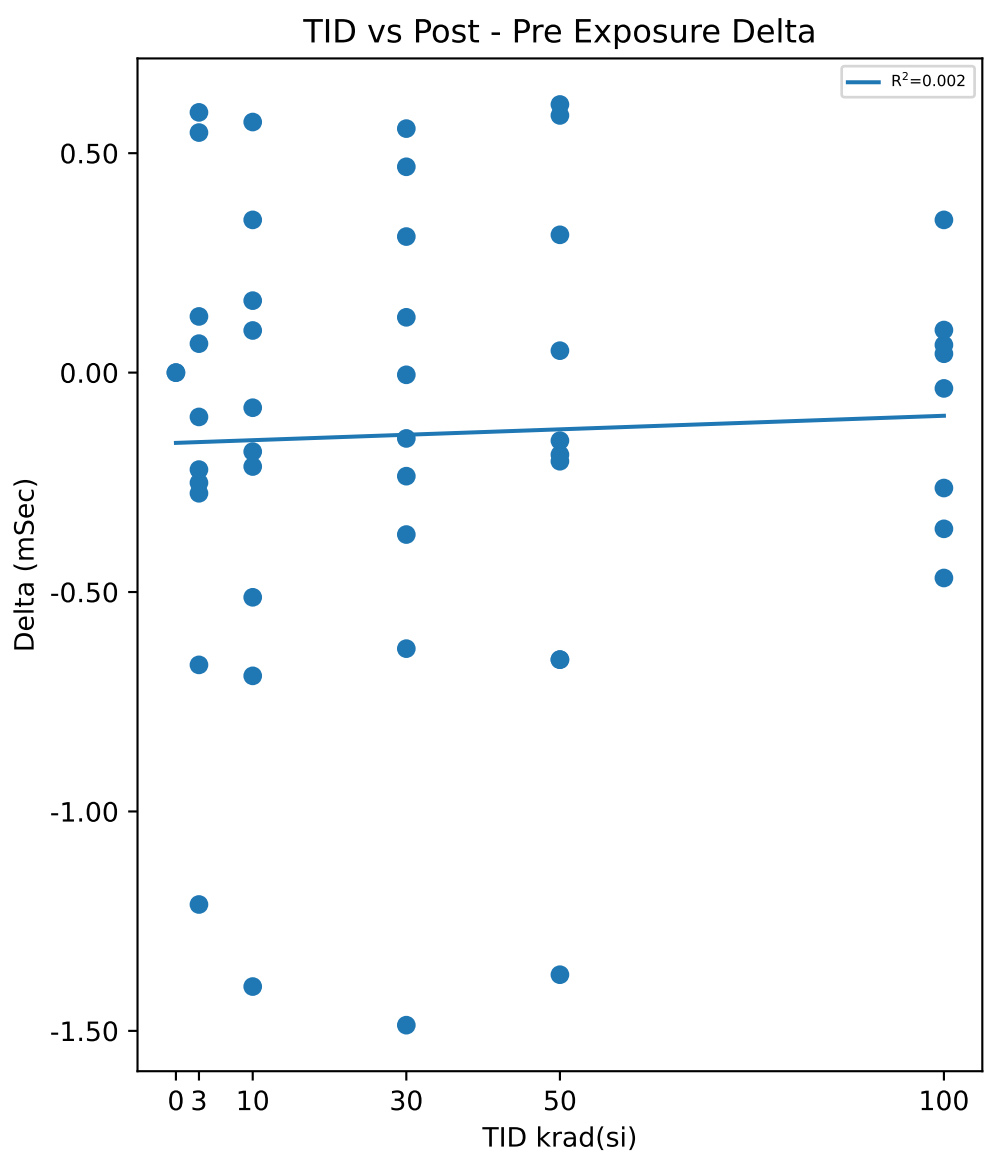
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.598	23.598	0
7	0	Correlation	23.326	23.326	0
16	3	LDR-Biased	23.855	23.189	-0.666
18	3	LDR-Biased	23.748	23.877	0.129
19	3	LDR-Biased	23.972	23.7	-0.272
20	3	LDR-Biased	23.389	23.175	-0.214
21	3	LDR-Biased	23.155	22.998	-0.157
22	3	LDR-Unbiased	23.132	23.722	0.59
23	3	LDR-Unbiased	24.029	23.928	-0.101
25	3	LDR-Unbiased	24.163	22.947	-1.216
26	3	LDR-Unbiased	23.342	22.92	-0.422
27	3	LDR-Unbiased	23.141	23.914	0.773
46	10	LDR-Biased	23.855	23.16	-0.695
48	10	LDR-Biased	23.748	23.919	0.171
49	10	LDR-Biased	23.972	23.446	-0.526
50	10	LDR-Biased	23.389	23.012	-0.377
51	10	LDR-Biased	23.155	23.243	0.088
52	10	LDR-Unbiased	23.132	23.703	0.571
53	10	LDR-Unbiased	24.029	23.95	-0.079
55	10	LDR-Unbiased	24.163	22.753	-1.41
56	10	LDR-Unbiased	23.342	23.163	-0.179
57	10	LDR-Unbiased	23.141	23.914	0.773
76	30	LDR-Biased	23.855	23.226	-0.629
78	30	LDR-Biased	23.748	23.879	0.131
79	30	LDR-Biased	23.972	23.628	-0.344
80	30	LDR-Biased	23.389	23.199	-0.19
81	30	LDR-Biased	23.155	23.458	0.303
82	30	LDR-Unbiased	23.132	23.47	0.338
83	30	LDR-Unbiased	24.029	23.999	-0.03
84	30	LDR-Unbiased	23.141	23.828	0.687
85	30	LDR-Unbiased	24.163	22.689	-1.474
86	30	LDR-Unbiased	23.342	23.198	-0.144
87	100	LDR-Biased	23.41	23.377	-0.033
88	100	LDR-Biased	23.859	23.595	-0.264
90	100	LDR-Biased	23.75	23.596	-0.154
91	100	LDR-Unbiased	23.133	23.48	0.347
93	100	LDR-Unbiased	23.158	23.247	0.089
94	100	LDR-Unbiased	23.642	23.39	-0.252
95	100	LDR-Unbiased	23.837	23.483	-0.354
96	100	LDR-Unbiased	23.364	23.194	-0.17
106	50	LDR-Biased	23.855	23.202	-0.653
108	50	LDR-Biased	23.748	23.796	0.048
109	50	LDR-Biased	23.972	23.532	-0.44
110	50	LDR-Biased	23.389	23.065	-0.324
111	50	LDR-Biased	23.155	23.492	0.337
112	50	LDR-Unbiased	23.132	23.745	0.613
113	50	LDR-Unbiased	24.029	23.841	-0.188
115	50	LDR-Unbiased	24.163	22.791	-1.372
116	50	LDR-Unbiased	23.342	23.156	-0.186
117	50	LDR-Unbiased	23.141	23.935	0.794

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.326	23.462	23.598	0.19233	23.326	23.462	23.598	0.19233	0	0	0	0
3	23.132	23.593	24.163	0.4034	22.92	23.437	23.928	0.42725	-1.216	-0.1556	0.773	0.57495
10	23.132	23.593	24.163	0.4034	22.753	23.426	23.95	0.42565	-1.41	-0.1663	0.773	0.63353
30	23.132	23.593	24.163	0.4034	22.689	23.457	23.999	0.39661	-1.474	-0.1352	0.687	0.60155
50	23.132	23.593	24.163	0.4034	22.791	23.456	23.935	0.38492	-1.372	-0.1371	0.794	0.63346
100	23.133	23.519	23.859	0.29288	23.194	23.42	23.596	0.1478	-0.354	-0.098875	0.347	0.22751

Device Test: 5.165 tdly_Res1p18M_EN4_SU/EN4/7/14/1.18M/0/0/@DLY_TMR_1MOHM





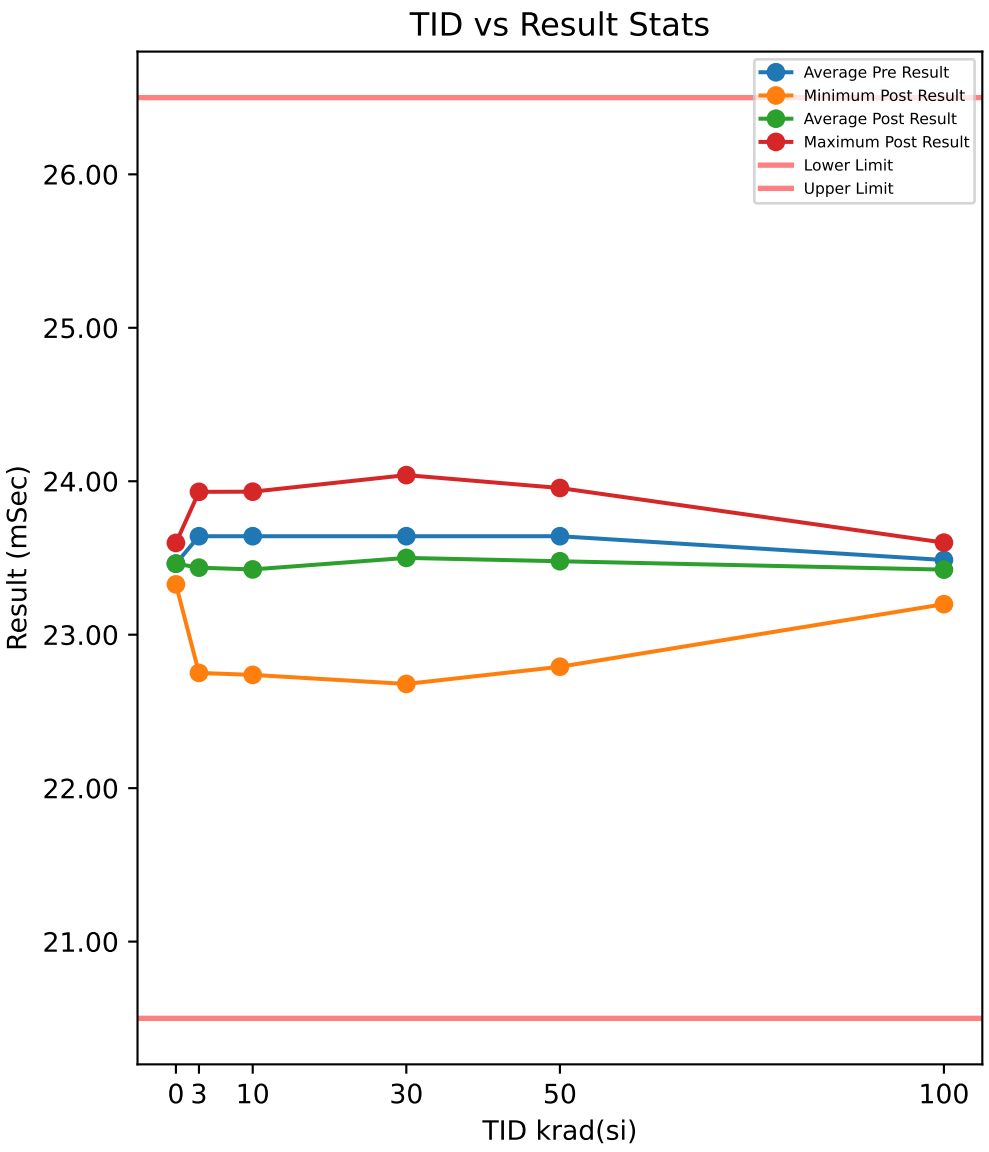
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

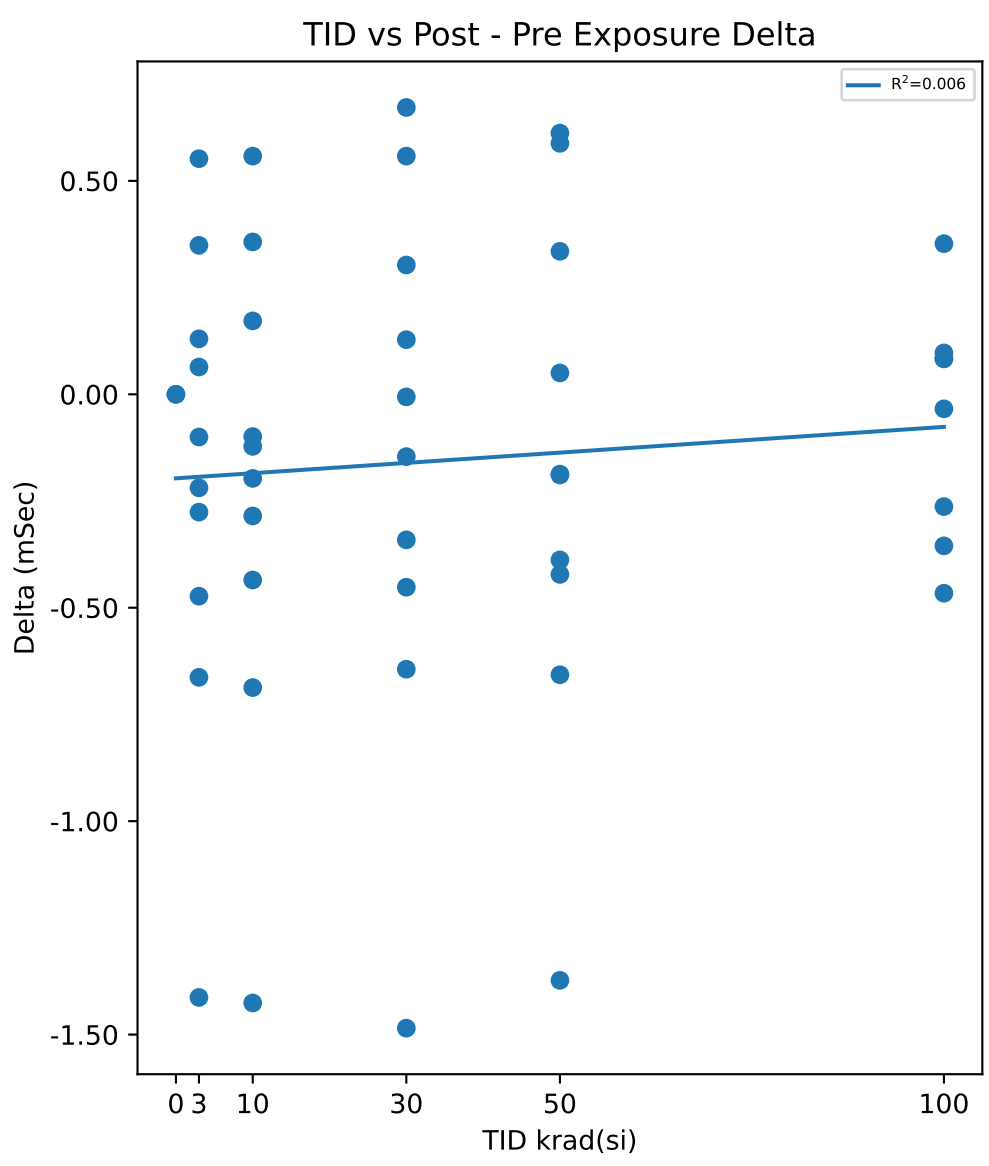
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.598	23.598	0
7	0	Correlation	23.33	23.33	0
16	3	LDR-Biased	23.856	23.19	-0.666
18	3	LDR-Biased	23.75	23.878	0.128
19	3	LDR-Biased	23.975	23.7	-0.275
20	3	LDR-Biased	23.431	23.18	-0.251
21	3	LDR-Biased	23.157	23.223	0.066
22	3	LDR-Unbiased	23.134	23.727	0.593
23	3	LDR-Unbiased	24.03	23.929	-0.101
25	3	LDR-Unbiased	24.162	22.95	-1.212
26	3	LDR-Unbiased	23.343	23.122	-0.221
27	3	LDR-Unbiased	23.367	23.914	0.547
46	10	LDR-Biased	23.856	23.165	-0.691
48	10	LDR-Biased	23.75	23.914	0.164
49	10	LDR-Biased	23.975	23.463	-0.512
50	10	LDR-Biased	23.431	23.217	-0.214
51	10	LDR-Biased	23.157	23.253	0.096
52	10	LDR-Unbiased	23.134	23.705	0.571
53	10	LDR-Unbiased	24.03	23.95	-0.08
55	10	LDR-Unbiased	24.162	22.763	-1.399
56	10	LDR-Unbiased	23.343	23.163	-0.18
57	10	LDR-Unbiased	23.367	23.715	0.348
76	30	LDR-Biased	23.856	23.227	-0.629
78	30	LDR-Biased	23.75	23.876	0.126
79	30	LDR-Biased	23.975	23.606	-0.369
80	30	LDR-Biased	23.431	23.195	-0.236
81	30	LDR-Biased	23.157	23.467	0.31
82	30	LDR-Unbiased	23.134	23.69	0.556
83	30	LDR-Unbiased	24.03	24.025	-0.005
84	30	LDR-Unbiased	23.367	23.836	0.469
85	30	LDR-Unbiased	24.162	22.675	-1.487
86	30	LDR-Unbiased	23.343	23.193	-0.15
87	100	LDR-Biased	23.414	23.378	-0.036
88	100	LDR-Biased	23.86	23.597	-0.263
90	100	LDR-Biased	23.535	23.598	0.063
91	100	LDR-Unbiased	23.134	23.482	0.348
93	100	LDR-Unbiased	23.159	23.256	0.097
94	100	LDR-Unbiased	23.857	23.389	-0.468
95	100	LDR-Unbiased	23.84	23.484	-0.356
96	100	LDR-Unbiased	23.154	23.197	0.043
106	50	LDR-Biased	23.856	23.202	-0.654
108	50	LDR-Biased	23.75	23.8	0.05
109	50	LDR-Biased	23.975	23.321	-0.654
110	50	LDR-Biased	23.431	23.276	-0.155
111	50	LDR-Biased	23.157	23.471	0.314
112	50	LDR-Unbiased	23.134	23.745	0.611
113	50	LDR-Unbiased	24.03	23.843	-0.187
115	50	LDR-Unbiased	24.162	22.79	-1.372
116	50	LDR-Unbiased	23.343	23.141	-0.202
117	50	LDR-Unbiased	23.367	23.953	0.586

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.33	23.464	23.598	0.1895	23.33	23.464	23.598	0.1895	0	0	0	0
3	23.134	23.62	24.162	0.37823	22.95	23.481	23.929	0.38108	-1.212	-0.1392	0.593	0.53624
10	23.134	23.62	24.162	0.37823	22.763	23.431	23.95	0.3838	-1.399	-0.1897	0.571	0.56812
30	23.134	23.62	24.162	0.37823	22.675	23.479	24.025	0.41047	-1.487	-0.1415	0.556	0.60204
50	23.134	23.62	24.162	0.37823	22.79	23.454	23.953	0.37368	-1.372	-0.1663	0.611	0.61272
100	23.134	23.494	23.86	0.32753	23.197	23.423	23.598	0.14651	-0.468	-0.0715	0.348	0.27036

Device Test: 5.166 tdly_Res1p18M_SEQ_SU/SEQ_DONE/7/14/1.18M/0/0/@DLY_TMR_1MOHM





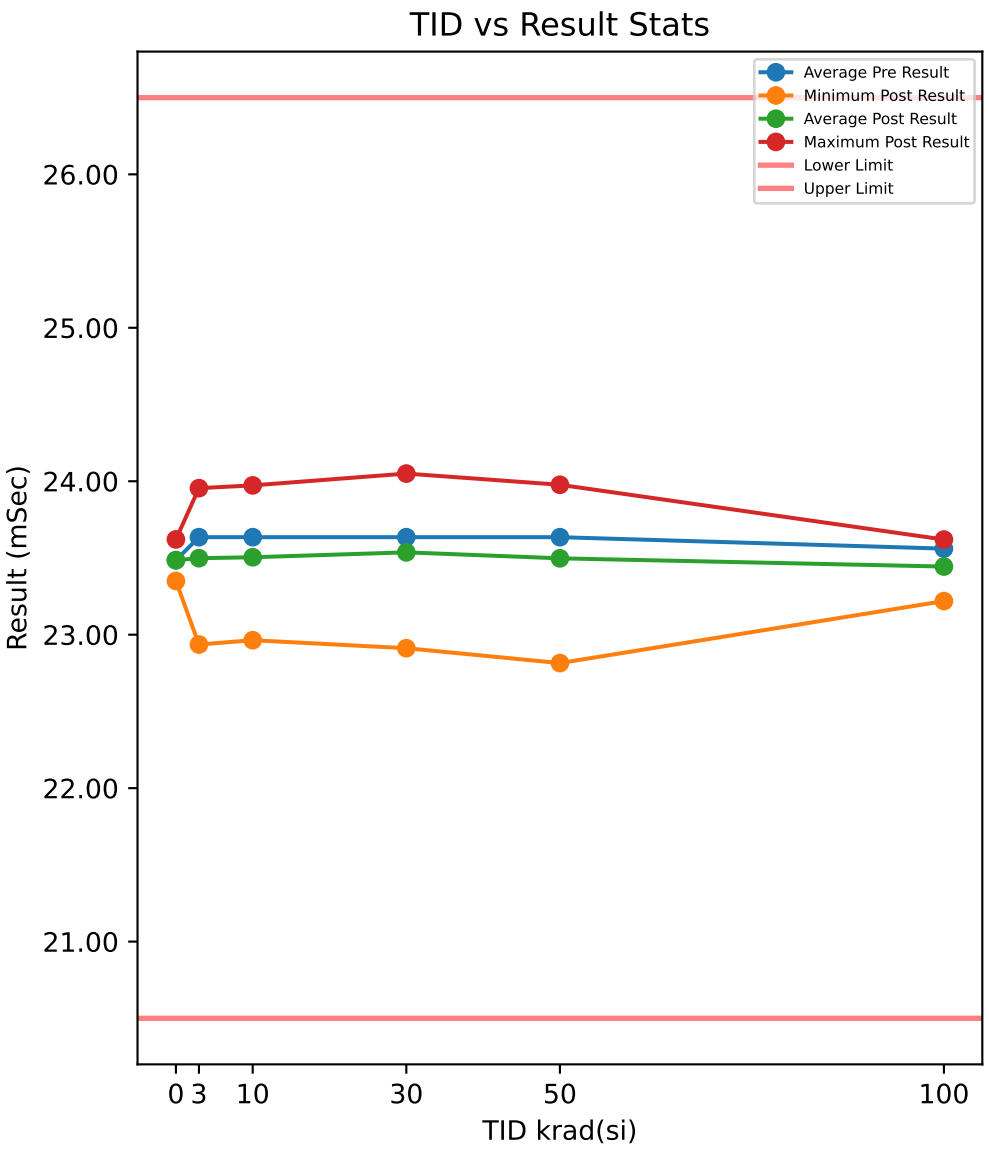
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

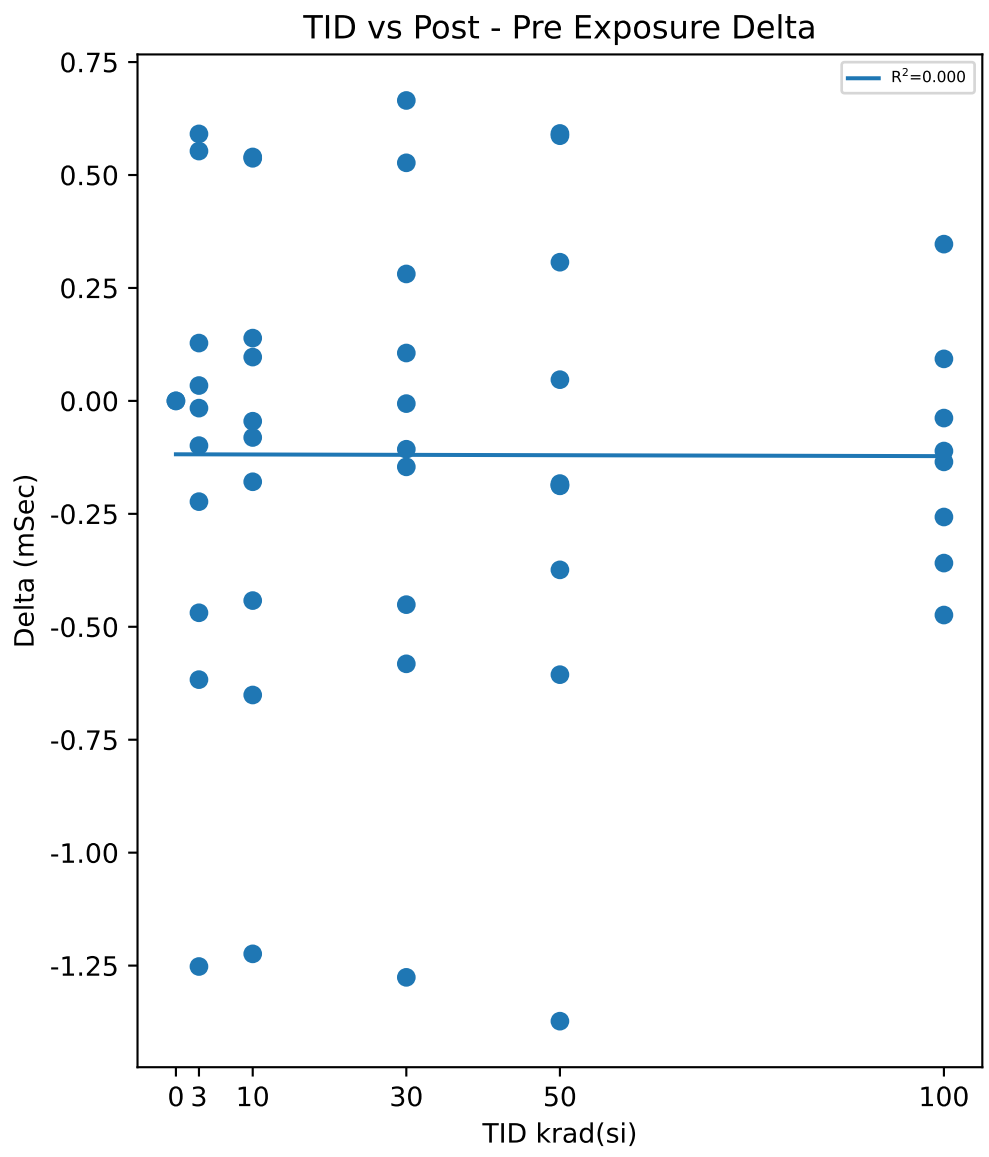
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.598	23.598	0
7	0	Correlation	23.328	23.328	0
16	3	LDR-Biased	23.854	23.191	-0.663
18	3	LDR-Biased	23.749	23.879	0.13
19	3	LDR-Biased	23.962	23.686	-0.276
20	3	LDR-Biased	23.651	23.178	-0.473
21	3	LDR-Biased	23.158	23.222	0.064
22	3	LDR-Unbiased	23.135	23.484	0.349
23	3	LDR-Unbiased	24.031	23.931	-0.1
25	3	LDR-Unbiased	24.164	22.751	-1.413
26	3	LDR-Unbiased	23.346	23.127	-0.219
27	3	LDR-Unbiased	23.368	23.92	0.552
46	10	LDR-Biased	23.854	23.167	-0.687
48	10	LDR-Biased	23.749	23.921	0.172
49	10	LDR-Biased	23.962	23.677	-0.285
50	10	LDR-Biased	23.651	23.216	-0.435
51	10	LDR-Biased	23.158	23.036	-0.122
52	10	LDR-Unbiased	23.135	23.492	0.357
53	10	LDR-Unbiased	24.031	23.932	-0.099
55	10	LDR-Unbiased	24.164	22.738	-1.426
56	10	LDR-Unbiased	23.346	23.149	-0.197
57	10	LDR-Unbiased	23.368	23.926	0.558
76	30	LDR-Biased	23.854	23.21	-0.644
78	30	LDR-Biased	23.749	23.877	0.128
79	30	LDR-Biased	23.962	23.621	-0.341
80	30	LDR-Biased	23.651	23.199	-0.452
81	30	LDR-Biased	23.158	23.461	0.303
82	30	LDR-Unbiased	23.135	23.693	0.558
83	30	LDR-Unbiased	24.031	24.025	-0.006
84	30	LDR-Unbiased	23.368	24.04	0.672
85	30	LDR-Unbiased	24.164	22.679	-1.485
86	30	LDR-Unbiased	23.346	23.2	-0.146
87	100	LDR-Biased	23.413	23.379	-0.034
88	100	LDR-Biased	23.86	23.597	-0.263
90	100	LDR-Biased	23.516	23.6	0.084
91	100	LDR-Unbiased	23.131	23.484	0.353
93	100	LDR-Unbiased	23.16	23.257	0.097
94	100	LDR-Unbiased	23.858	23.392	-0.466
95	100	LDR-Unbiased	23.84	23.485	-0.355
96	100	LDR-Unbiased	23.116	23.199	0.083
106	50	LDR-Biased	23.854	23.197	-0.657
108	50	LDR-Biased	23.749	23.799	0.05
109	50	LDR-Biased	23.962	23.54	-0.422
110	50	LDR-Biased	23.651	23.263	-0.388
111	50	LDR-Biased	23.158	23.493	0.335
112	50	LDR-Unbiased	23.135	23.747	0.612
113	50	LDR-Unbiased	24.031	23.842	-0.189
115	50	LDR-Unbiased	24.164	22.791	-1.373
116	50	LDR-Unbiased	23.346	23.159	-0.187
117	50	LDR-Unbiased	23.368	23.956	0.588

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.328	23.463	23.598	0.19092	23.328	23.463	23.598	0.19092	0	0	0	0
3	23.135	23.642	24.164	0.37069	22.751	23.437	23.931	0.40516	-1.413	-0.2049	0.552	0.55993
10	23.135	23.642	24.164	0.37069	22.738	23.425	23.932	0.4258	-1.426	-0.2164	0.558	0.56169
30	23.135	23.642	24.164	0.37069	22.679	23.5	24.04	0.43481	-1.485	-0.1413	0.672	0.63538
50	23.135	23.642	24.164	0.37069	22.791	23.479	23.956	0.37109	-1.373	-0.1631	0.612	0.60416
100	23.116	23.487	23.86	0.3336	23.199	23.424	23.6	0.14628	-0.466	-0.062625	0.353	0.27519

Device Test: 5.167 tdly_Res1p18M_PWRGD_SU/PWRGD/7/14/1.18M/0/0/@DLY_TMR_1MOHM





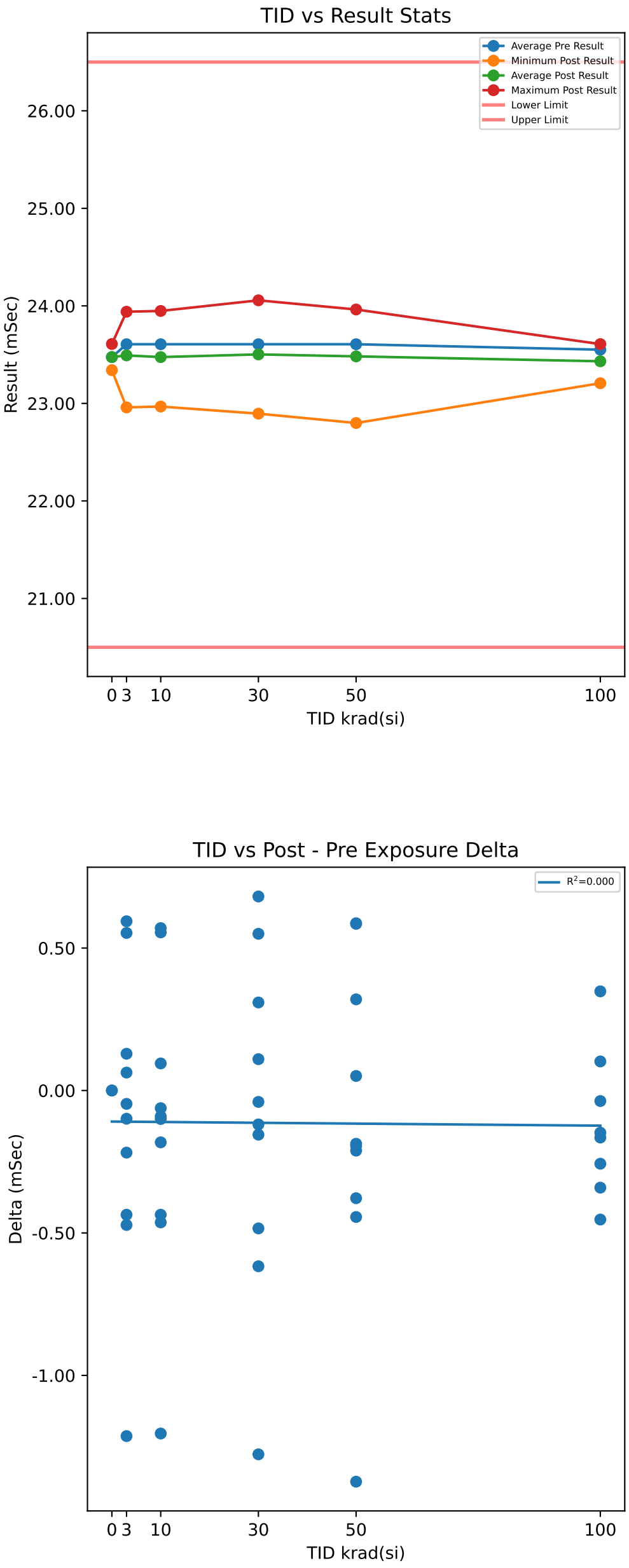
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.621	23.621	0
7	0	Correlation	23.35	23.35	0
16	3	LDR-Biased	23.834	23.217	-0.617
18	3	LDR-Biased	23.773	23.901	0.128
19	3	LDR-Biased	23.741	23.725	-0.016
20	3	LDR-Biased	23.673	23.204	-0.469
21	3	LDR-Biased	23.18	23.214	0.034
22	3	LDR-Unbiased	23.16	23.751	0.591
23	3	LDR-Unbiased	24.054	23.955	-0.099
25	3	LDR-Unbiased	24.188	22.936	-1.252
26	3	LDR-Unbiased	23.367	23.144	-0.223
27	3	LDR-Unbiased	23.385	23.938	0.553
46	10	LDR-Biased	23.834	23.183	-0.651
48	10	LDR-Biased	23.773	23.912	0.139
49	10	LDR-Biased	23.741	23.696	-0.045
50	10	LDR-Biased	23.673	23.231	-0.442
51	10	LDR-Biased	23.18	23.277	0.097
52	10	LDR-Unbiased	23.16	23.7	0.54
53	10	LDR-Unbiased	24.054	23.973	-0.081
55	10	LDR-Unbiased	24.188	22.964	-1.224
56	10	LDR-Unbiased	23.367	23.188	-0.179
57	10	LDR-Unbiased	23.385	23.922	0.537
76	30	LDR-Biased	23.834	23.252	-0.582
78	30	LDR-Biased	23.773	23.879	0.106
79	30	LDR-Biased	23.741	23.634	-0.107
80	30	LDR-Biased	23.673	23.222	-0.451
81	30	LDR-Biased	23.18	23.461	0.281
82	30	LDR-Unbiased	23.16	23.687	0.527
83	30	LDR-Unbiased	24.054	24.048	-0.006
84	30	LDR-Unbiased	23.385	24.05	0.665
85	30	LDR-Unbiased	24.188	22.912	-1.276
86	30	LDR-Unbiased	23.367	23.221	-0.146
87	100	LDR-Biased	23.438	23.4	-0.038
88	100	LDR-Biased	23.877	23.62	-0.257
90	100	LDR-Biased	23.731	23.62	-0.111
91	100	LDR-Unbiased	23.157	23.504	0.347
93	100	LDR-Unbiased	23.184	23.277	0.093
94	100	LDR-Unbiased	23.882	23.408	-0.474
95	100	LDR-Unbiased	23.864	23.505	-0.359
96	100	LDR-Unbiased	23.354	23.219	-0.135
106	50	LDR-Biased	23.834	23.228	-0.606
108	50	LDR-Biased	23.773	23.82	0.047
109	50	LDR-Biased	23.741	23.558	-0.183
110	50	LDR-Biased	23.673	23.299	-0.374
111	50	LDR-Biased	23.18	23.487	0.307
112	50	LDR-Unbiased	23.16	23.747	0.587
113	50	LDR-Unbiased	24.054	23.866	-0.188
115	50	LDR-Unbiased	24.188	22.815	-1.373
116	50	LDR-Unbiased	23.367	23.18	-0.187
117	50	LDR-Unbiased	23.385	23.977	0.592

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.35	23.486	23.621	0.19163	23.35	23.486	23.621	0.19163	0	0	0	0
3	23.16	23.636	24.188	0.35271	22.936	23.498	23.955	0.38982	-1.252	-0.137	0.591	0.54903
10	23.16	23.636	24.188	0.35271	22.964	23.505	23.973	0.37372	-1.224	-0.1309	0.54	0.537
30	23.16	23.636	24.188	0.35271	22.912	23.537	24.05	0.38728	-1.276	-0.0989	0.665	0.56916
50	23.16	23.636	24.188	0.35271	22.815	23.498	23.977	0.36733	-1.373	-0.1378	0.592	0.58667
100	23.157	23.561	23.882	0.31326	23.219	23.444	23.62	0.14688	-0.474	-0.11675	0.347	0.25956

Device Test: 5.168 tdly_Res1p18M_EN1_SD/EN1/7/14/1.18M/0/0/@DLY_TMR_1MOHM



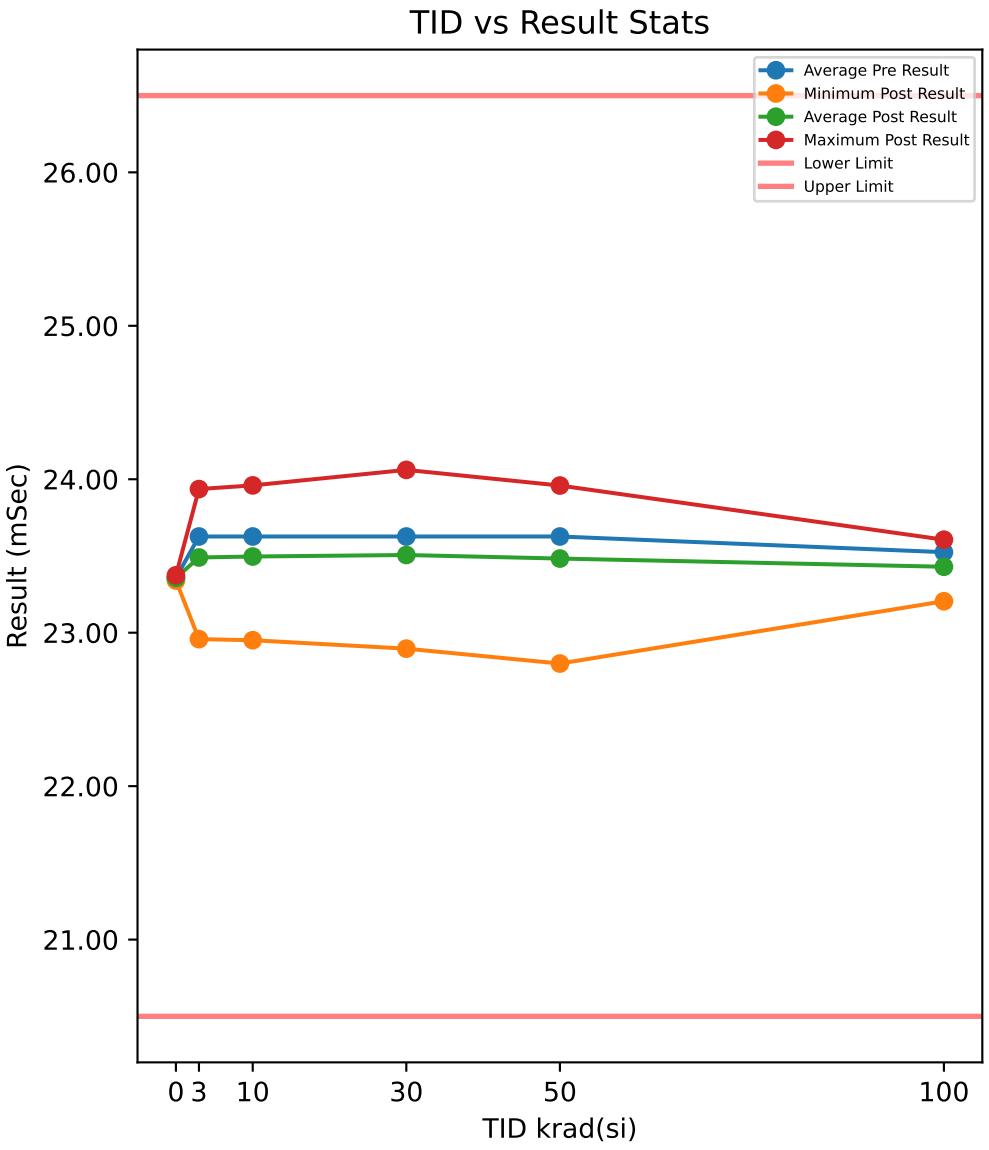
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

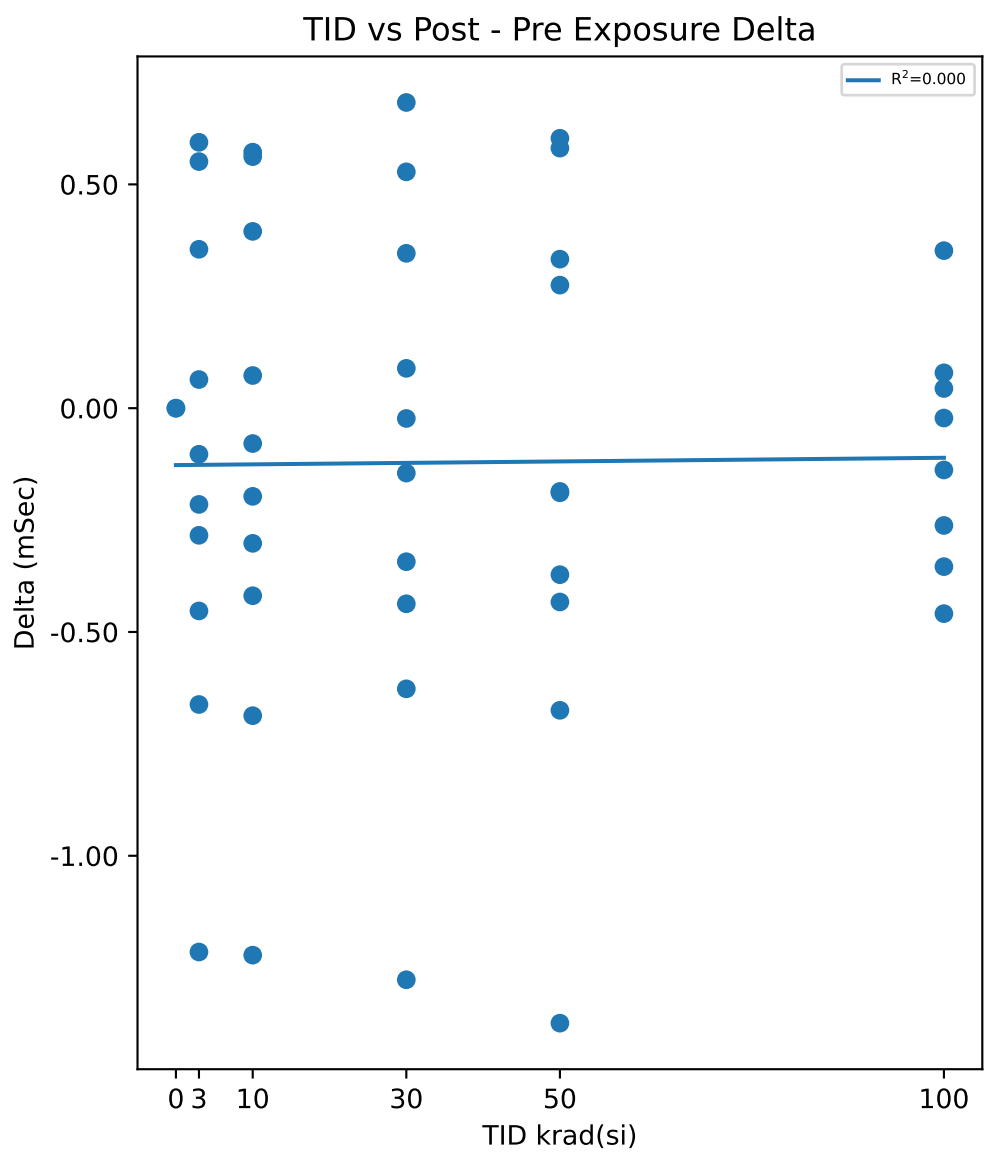
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.609	23.609	0
7	0	Correlation	23.341	23.341	0
16	3	LDR-Biased	23.638	23.202	-0.436
18	3	LDR-Biased	23.757	23.886	0.129
19	3	LDR-Biased	23.757	23.71	-0.047
20	3	LDR-Biased	23.662	23.19	-0.472
21	3	LDR-Biased	23.166	23.229	0.063
22	3	LDR-Unbiased	23.144	23.738	0.594
23	3	LDR-Unbiased	24.039	23.94	-0.099
25	3	LDR-Unbiased	24.172	22.959	-1.213
26	3	LDR-Unbiased	23.356	23.138	-0.218
27	3	LDR-Unbiased	23.376	23.929	0.553
46	10	LDR-Biased	23.638	23.175	-0.463
48	10	LDR-Biased	23.757	23.695	-0.062
49	10	LDR-Biased	23.757	23.657	-0.1
50	10	LDR-Biased	23.662	23.226	-0.436
51	10	LDR-Biased	23.166	23.261	0.095
52	10	LDR-Unbiased	23.144	23.714	0.57
53	10	LDR-Unbiased	24.039	23.948	-0.091
55	10	LDR-Unbiased	24.172	22.968	-1.204
56	10	LDR-Unbiased	23.356	23.174	-0.182
57	10	LDR-Unbiased	23.376	23.931	0.555
76	30	LDR-Biased	23.638	23.021	-0.617
78	30	LDR-Biased	23.757	23.867	0.11
79	30	LDR-Biased	23.757	23.638	-0.119
80	30	LDR-Biased	23.662	23.178	-0.484
81	30	LDR-Biased	23.166	23.475	0.309
82	30	LDR-Unbiased	23.144	23.694	0.55
83	30	LDR-Unbiased	24.039	23.999	-0.04
84	30	LDR-Unbiased	23.376	24.057	0.681
85	30	LDR-Unbiased	24.172	22.895	-1.277
86	30	LDR-Unbiased	23.356	23.201	-0.155
87	100	LDR-Biased	23.422	23.385	-0.037
88	100	LDR-Biased	23.863	23.606	-0.257
90	100	LDR-Biased	23.756	23.608	-0.148
91	100	LDR-Unbiased	23.144	23.492	0.348
93	100	LDR-Unbiased	23.161	23.263	0.102
94	100	LDR-Unbiased	23.854	23.401	-0.453
95	100	LDR-Unbiased	23.835	23.494	-0.341
96	100	LDR-Unbiased	23.372	23.207	-0.165
106	50	LDR-Biased	23.638	23.194	-0.444
108	50	LDR-Biased	23.757	23.808	0.051
109	50	LDR-Biased	23.757	23.546	-0.211
110	50	LDR-Biased	23.662	23.284	-0.378
111	50	LDR-Biased	23.166	23.486	0.32
112	50	LDR-Unbiased	23.144	23.729	0.585
113	50	LDR-Unbiased	24.039	23.852	-0.187
115	50	LDR-Unbiased	24.172	22.799	-1.373
116	50	LDR-Unbiased	23.356	23.162	-0.194
117	50	LDR-Unbiased	23.376	23.963	0.587

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.341	23.475	23.609	0.1895	23.341	23.475	23.609	0.1895	0	0	0	0
3	23.144	23.607	24.172	0.34642	22.959	23.492	23.94	0.38135	-1.213	-0.1146	0.594	0.52617
10	23.144	23.607	24.172	0.34642	22.968	23.475	23.948	0.3521	-1.204	-0.1318	0.57	0.51398
30	23.144	23.607	24.172	0.34642	22.895	23.503	24.057	0.41362	-1.277	-0.1042	0.681	0.58221
50	23.144	23.607	24.172	0.34642	22.799	23.482	23.963	0.36979	-1.373	-0.1244	0.587	0.57536
100	23.144	23.551	23.863	0.31128	23.207	23.432	23.608	0.1469	-0.453	-0.11887	0.348	0.25537

Device Test: 5.169 tdly_Res1p18M_EN2_SD/EN2/7/14/1.18M/0/0/@DLY_TMR_1MOHM





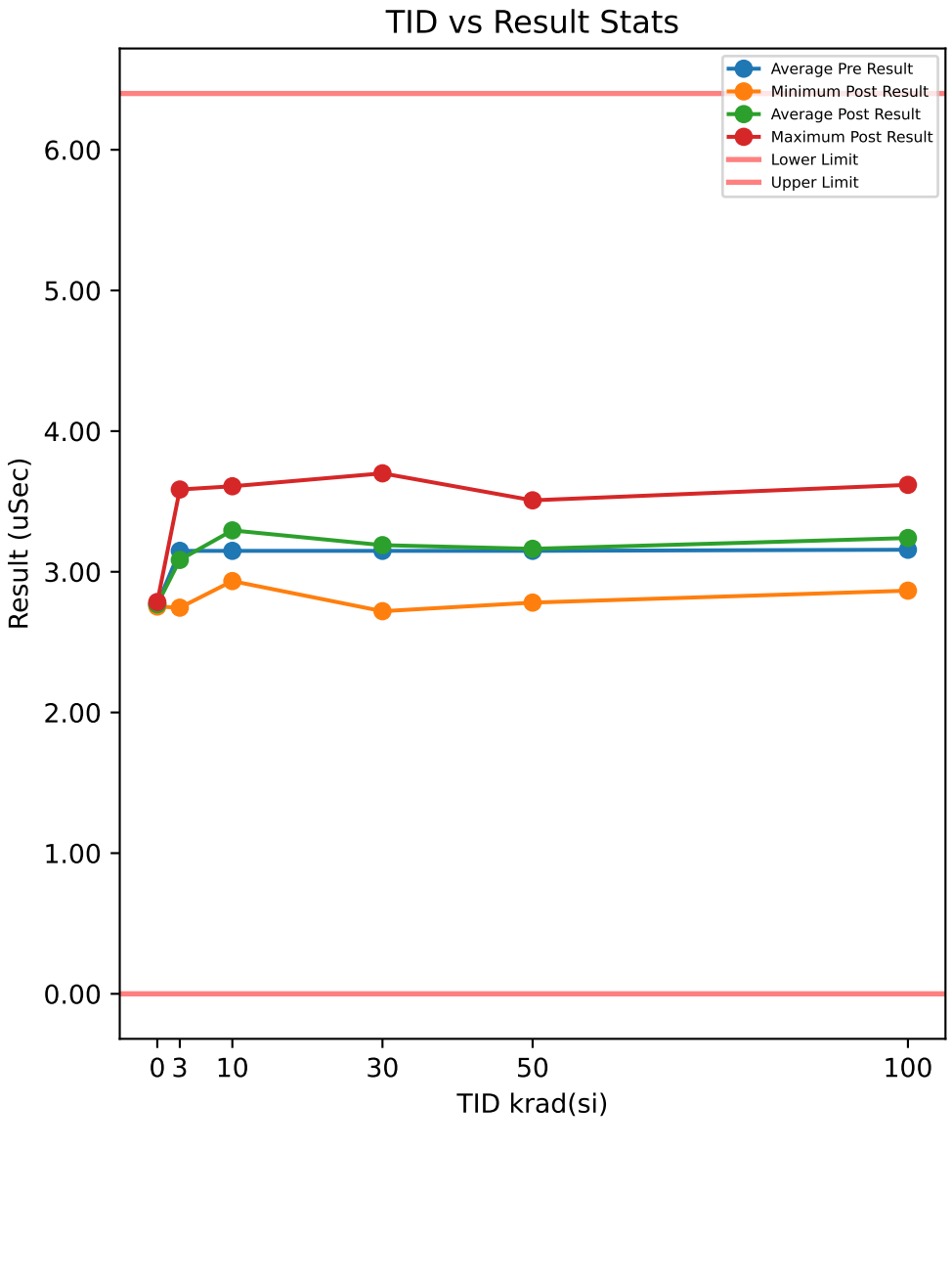
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.374	23.374	0
7	0	Correlation	23.34	23.34	0
16	3	LDR-Biased	23.862	23.2	-0.662
18	3	LDR-Biased	23.532	23.887	0.355
19	3	LDR-Biased	23.98	23.696	-0.284
20	3	LDR-Biased	23.643	23.19	-0.453
21	3	LDR-Biased	23.167	23.231	0.064
22	3	LDR-Unbiased	23.143	23.737	0.594
23	3	LDR-Unbiased	24.039	23.936	-0.103
25	3	LDR-Unbiased	24.173	22.958	-1.215
26	3	LDR-Unbiased	23.352	23.137	-0.215
27	3	LDR-Unbiased	23.378	23.929	0.551
46	10	LDR-Biased	23.862	23.175	-0.687
48	10	LDR-Biased	23.532	23.927	0.395
49	10	LDR-Biased	23.98	23.678	-0.302
50	10	LDR-Biased	23.643	23.224	-0.419
51	10	LDR-Biased	23.167	23.24	0.073
52	10	LDR-Unbiased	23.143	23.715	0.572
53	10	LDR-Unbiased	24.039	23.96	-0.079
55	10	LDR-Unbiased	24.173	22.951	-1.222
56	10	LDR-Unbiased	23.352	23.155	-0.197
57	10	LDR-Unbiased	23.378	23.94	0.562
76	30	LDR-Biased	23.862	23.235	-0.627
78	30	LDR-Biased	23.532	23.878	0.346
79	30	LDR-Biased	23.98	23.637	-0.343
80	30	LDR-Biased	23.643	23.206	-0.437
81	30	LDR-Biased	23.167	23.256	0.089
82	30	LDR-Unbiased	23.143	23.671	0.528
83	30	LDR-Unbiased	24.039	24.016	-0.023
84	30	LDR-Unbiased	23.378	24.061	0.683
85	30	LDR-Unbiased	24.173	22.896	-1.277
86	30	LDR-Unbiased	23.352	23.207	-0.145
87	100	LDR-Biased	23.409	23.387	-0.022
88	100	LDR-Biased	23.867	23.605	-0.262
90	100	LDR-Biased	23.744	23.606	-0.138
91	100	LDR-Unbiased	23.14	23.492	0.352
93	100	LDR-Unbiased	23.169	23.248	0.079
94	100	LDR-Unbiased	23.86	23.401	-0.459
95	100	LDR-Unbiased	23.848	23.494	-0.354
96	100	LDR-Unbiased	23.161	23.205	0.044
106	50	LDR-Biased	23.862	23.187	-0.675
108	50	LDR-Biased	23.532	23.807	0.275
109	50	LDR-Biased	23.98	23.547	-0.433
110	50	LDR-Biased	23.643	23.271	-0.372
111	50	LDR-Biased	23.167	23.5	0.333
112	50	LDR-Unbiased	23.143	23.746	0.603
113	50	LDR-Unbiased	24.039	23.85	-0.189
115	50	LDR-Unbiased	24.173	22.799	-1.374
116	50	LDR-Unbiased	23.352	23.166	-0.186
117	50	LDR-Unbiased	23.378	23.959	0.581

Test Statistics (mSec)

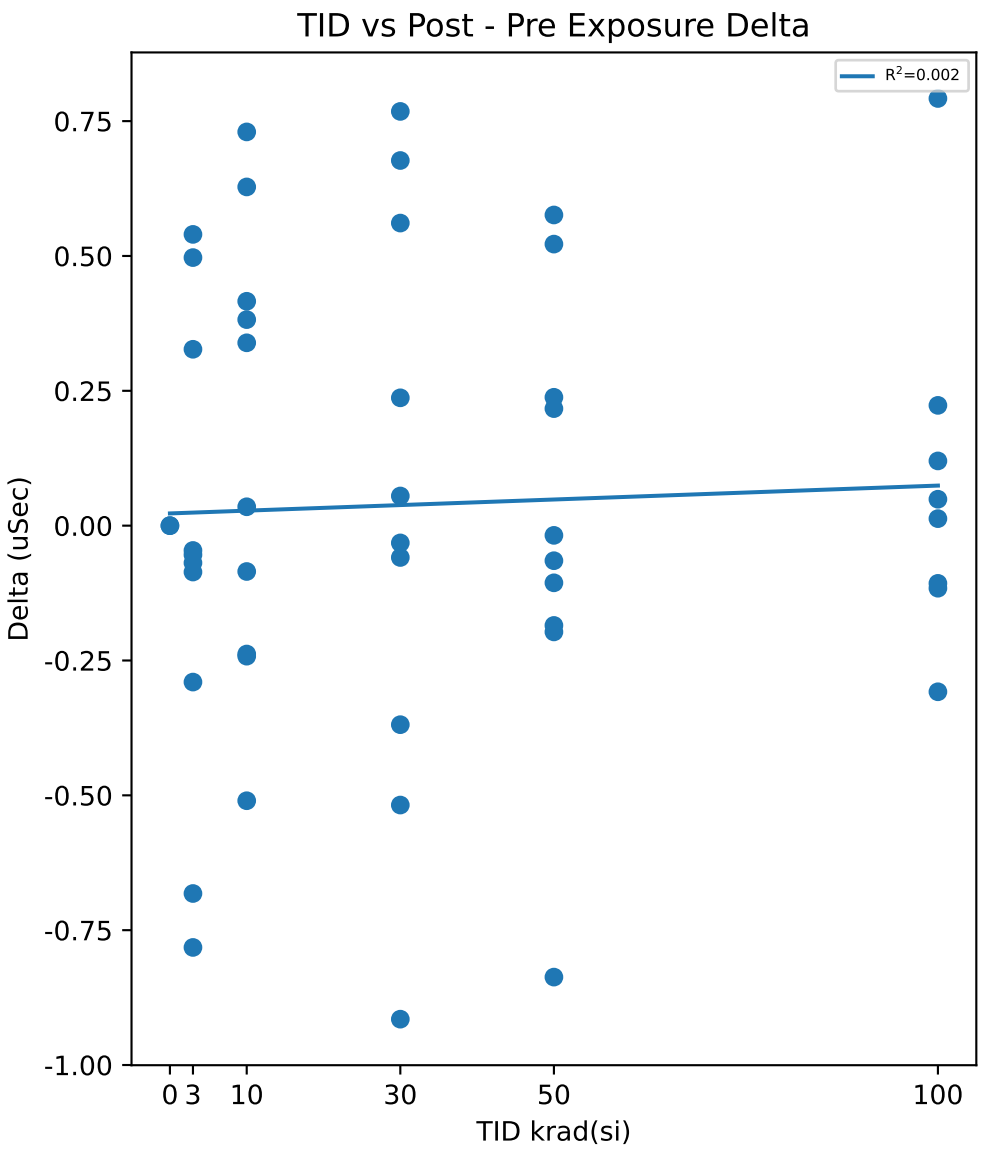
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.34	23.357	23.374	0.024042	23.34	23.357	23.374	0.024042	0	0	0	0
3	23.143	23.627	24.173	0.37125	22.958	23.49	23.936	0.38028	-1.215	-0.1368	0.594	0.56338
10	23.143	23.627	24.173	0.37125	22.951	23.497	23.96	0.38516	-1.222	-0.1304	0.572	0.56876
30	23.143	23.627	24.173	0.37125	22.896	23.506	24.061	0.39977	-1.277	-0.1206	0.683	0.58514
50	23.143	23.627	24.173	0.37125	22.799	23.483	23.959	0.37129	-1.374	-0.1437	0.603	0.61652
100	23.14	23.525	23.867	0.33857	23.205	23.43	23.606	0.14927	-0.459	-0.095	0.352	0.26296

Device Test: 5.17 tpd_PWRGD_SU/PWRGD/1.6/14/0/0/0/@TPD_PWRGD



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

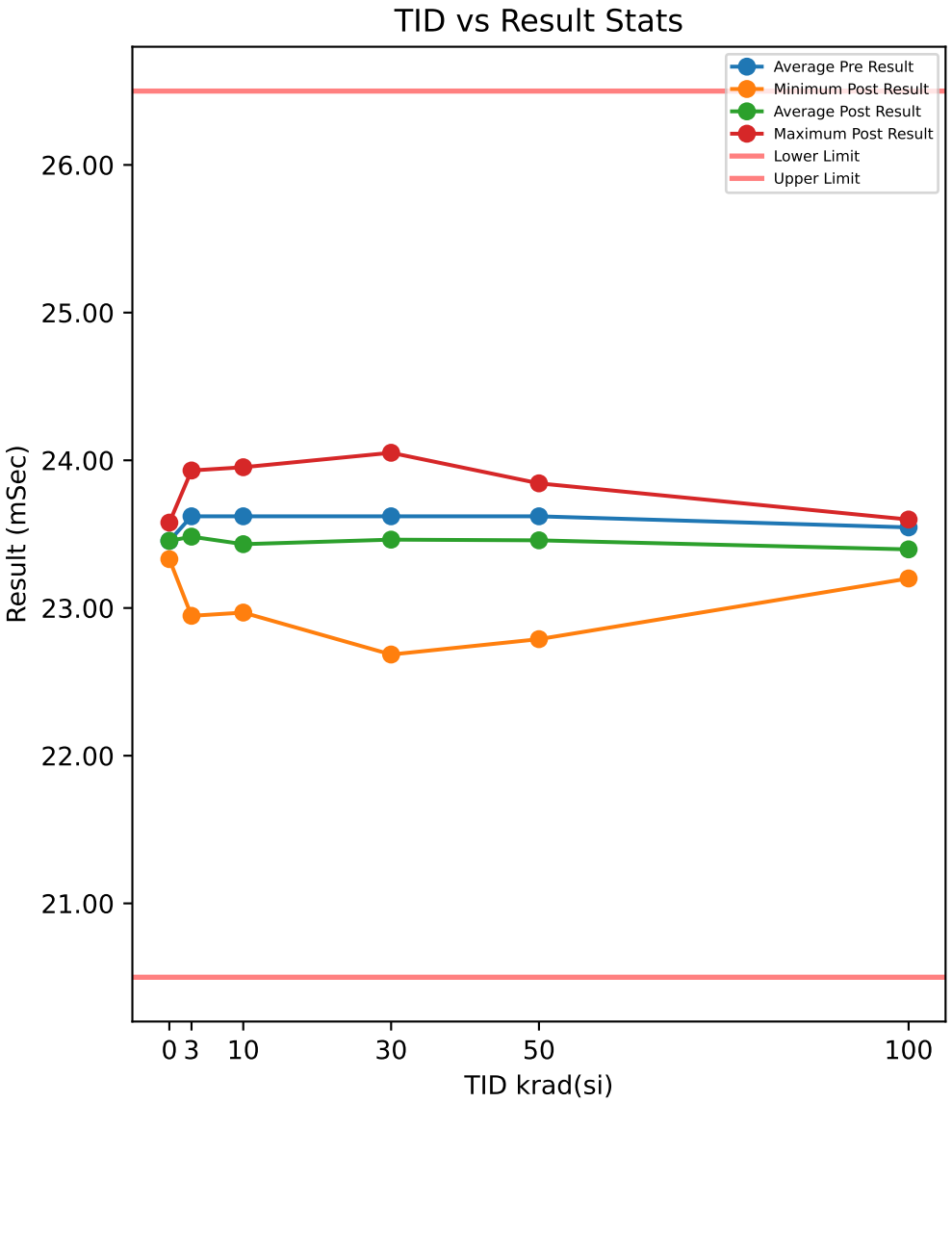
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.785	2.785	0
7	0	Correlation	2.753	2.753	0
16	3	LDR-Biased	3.656	2.974	-0.682
18	3	LDR-Biased	2.98	2.894	-0.086
19	3	LDR-Biased	3.089	3.043	-0.046
20	3	LDR-Biased	3.218	3.149	-0.069
21	3	LDR-Biased	3.533	2.751	-0.782
22	3	LDR-Unbiased	2.932	3.472	0.54
23	3	LDR-Unbiased	2.799	2.745	-0.054
25	3	LDR-Unbiased	3.176	2.886	-0.29
26	3	LDR-Unbiased	3.088	3.585	0.497
27	3	LDR-Unbiased	3.018	3.345	0.327
46	10	LDR-Biased	3.656	3.418	-0.238
48	10	LDR-Biased	2.98	3.608	0.628
49	10	LDR-Biased	3.089	3.428	0.339
50	10	LDR-Biased	3.218	3.253	0.035
51	10	LDR-Biased	3.533	3.023	-0.51
52	10	LDR-Unbiased	2.932	3.314	0.382
53	10	LDR-Unbiased	2.799	3.529	0.73
55	10	LDR-Unbiased	3.176	2.934	-0.242
56	10	LDR-Unbiased	3.088	3.003	-0.085
57	10	LDR-Unbiased	3.018	3.434	0.416
76	30	LDR-Biased	3.656	2.741	-0.915
78	30	LDR-Biased	2.98	2.948	-0.032
79	30	LDR-Biased	3.089	2.72	-0.369
80	30	LDR-Biased	3.218	3.159	-0.059
81	30	LDR-Biased	3.533	3.015	-0.518
82	30	LDR-Unbiased	2.932	3.7	0.768
83	30	LDR-Unbiased	2.799	3.476	0.677
84	30	LDR-Unbiased	3.018	3.073	0.055
85	30	LDR-Unbiased	3.176	3.413	0.237
86	30	LDR-Unbiased	3.088	3.649	0.561
87	100	LDR-Biased	3.406	3.419	0.013
88	100	LDR-Biased	3.512	3.204	-0.308
90	100	LDR-Biased	2.826	3.618	0.792
91	100	LDR-Unbiased	2.817	2.866	0.049
93	100	LDR-Unbiased	3.291	3.411	0.12
94	100	LDR-Unbiased	2.83	3.053	0.223
95	100	LDR-Unbiased	3.444	3.337	-0.107
96	100	LDR-Unbiased	3.128	3.012	-0.116
106	50	LDR-Biased	3.656	2.819	-0.837
108	50	LDR-Biased	2.98	3.502	0.522
109	50	LDR-Biased	3.089	2.904	-0.185
110	50	LDR-Biased	3.218	3.021	-0.197
111	50	LDR-Biased	3.533	3.468	-0.065
112	50	LDR-Unbiased	2.932	3.508	0.576
113	50	LDR-Unbiased	2.799	2.781	-0.018
115	50	LDR-Unbiased	3.176	3.414	0.238
116	50	LDR-Unbiased	3.088	2.982	-0.106
117	50	LDR-Unbiased	3.018	3.235	0.217

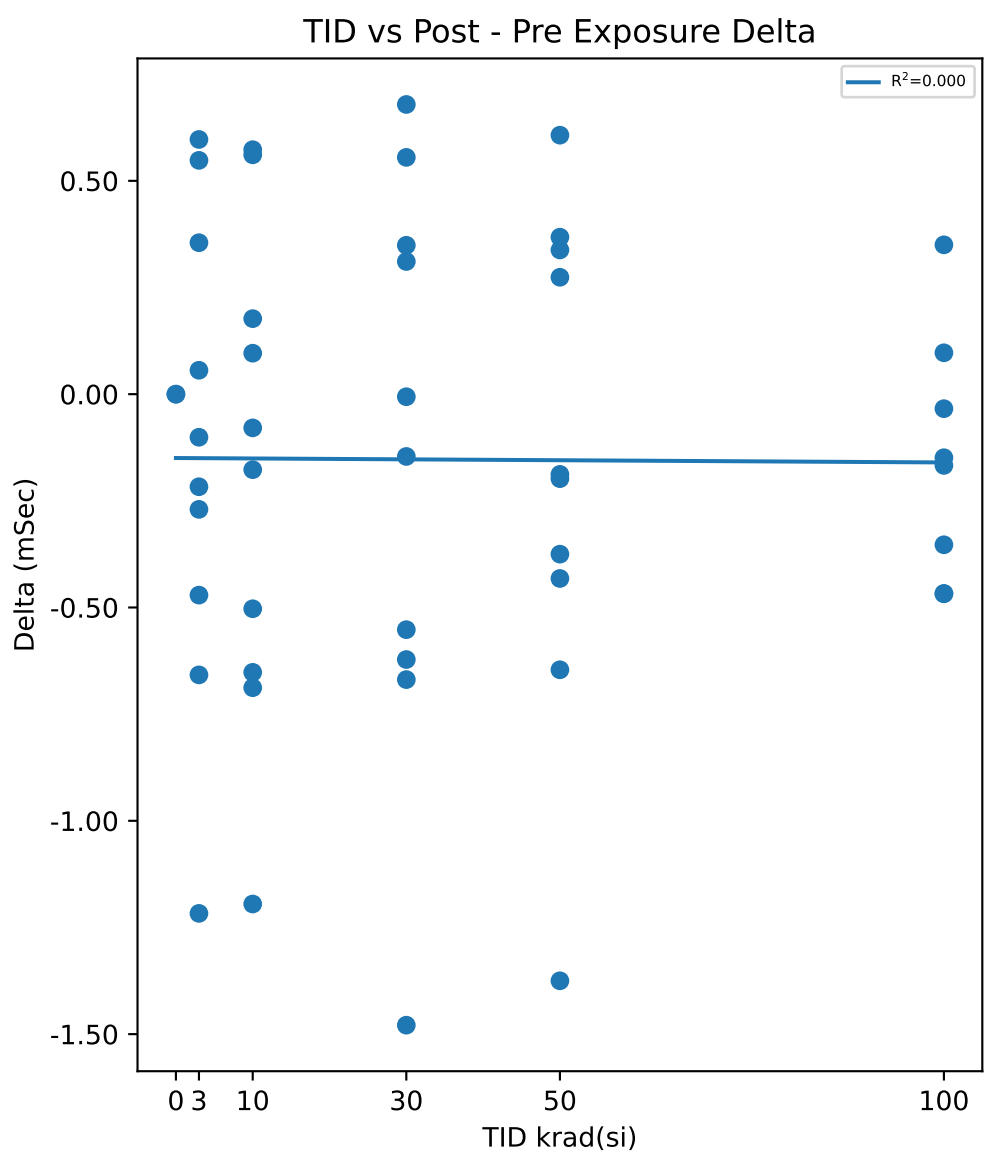


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.753	2.769	2.785	0.022627	2.753	2.769	2.785	0.022627	0	0	0	0
3	2.799	3.1489	3.656	0.26513	2.745	3.0844	3.585	0.29605	-0.782	-0.0645	0.54	0.44496
10	2.799	3.1489	3.656	0.26513	2.934	3.2944	3.608	0.23489	-0.51	0.1455	0.73	0.41275
30	2.799	3.1489	3.656	0.26513	2.72	3.1894	3.7	0.35413	-0.915	0.0405	0.768	0.54282
50	2.799	3.1489	3.656	0.26513	2.781	3.1634	3.508	0.29428	-0.837	0.0145	0.576	0.40761
100	2.817	3.1568	3.512	0.29792	2.866	3.24	3.618	0.2512	-0.308	0.08325	0.792	0.32913

Device Test: 5.170 tdly_Res1p18M_EN3_SD/EN3/7/14/1.18M/0/0/@DLY_TMR_1MOHM





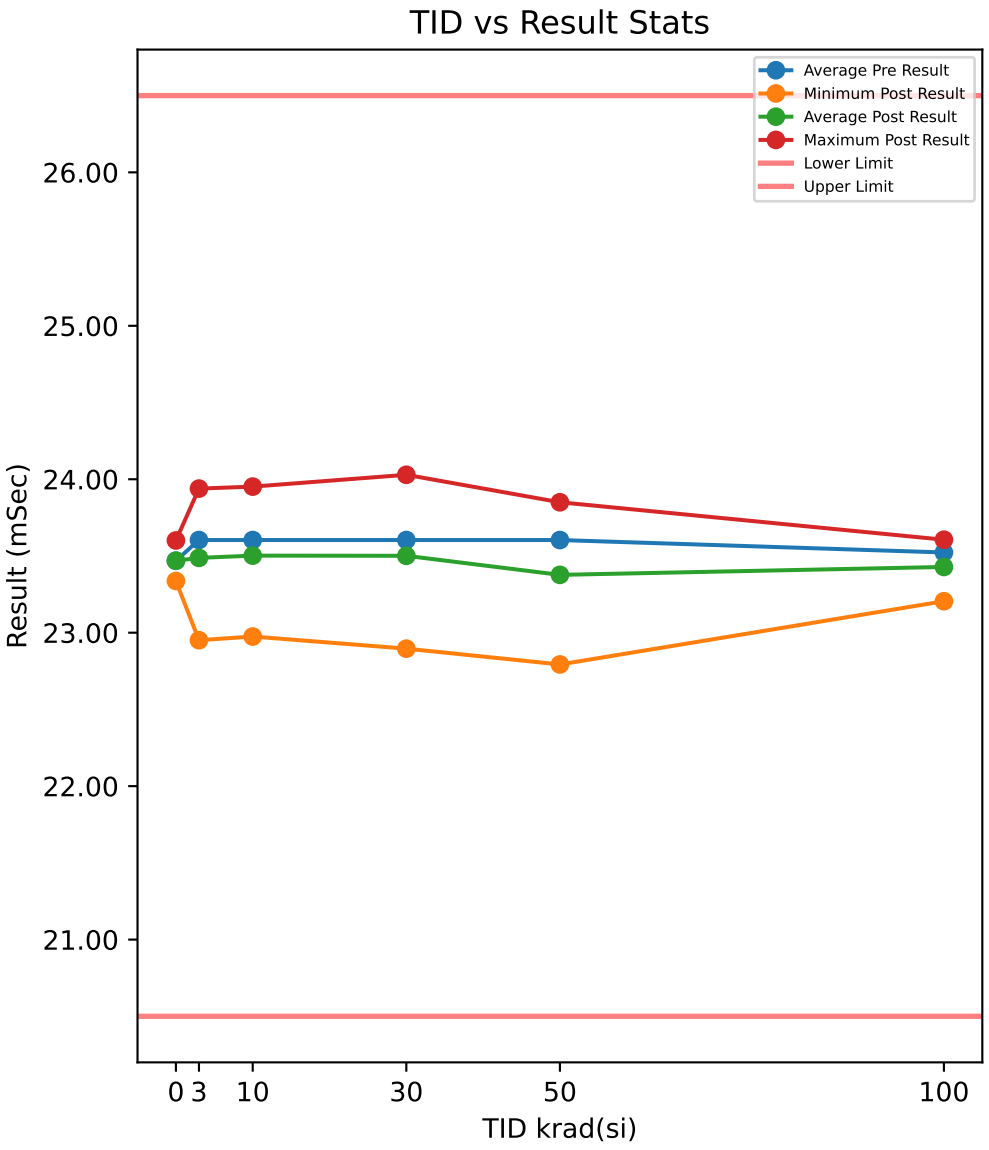
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

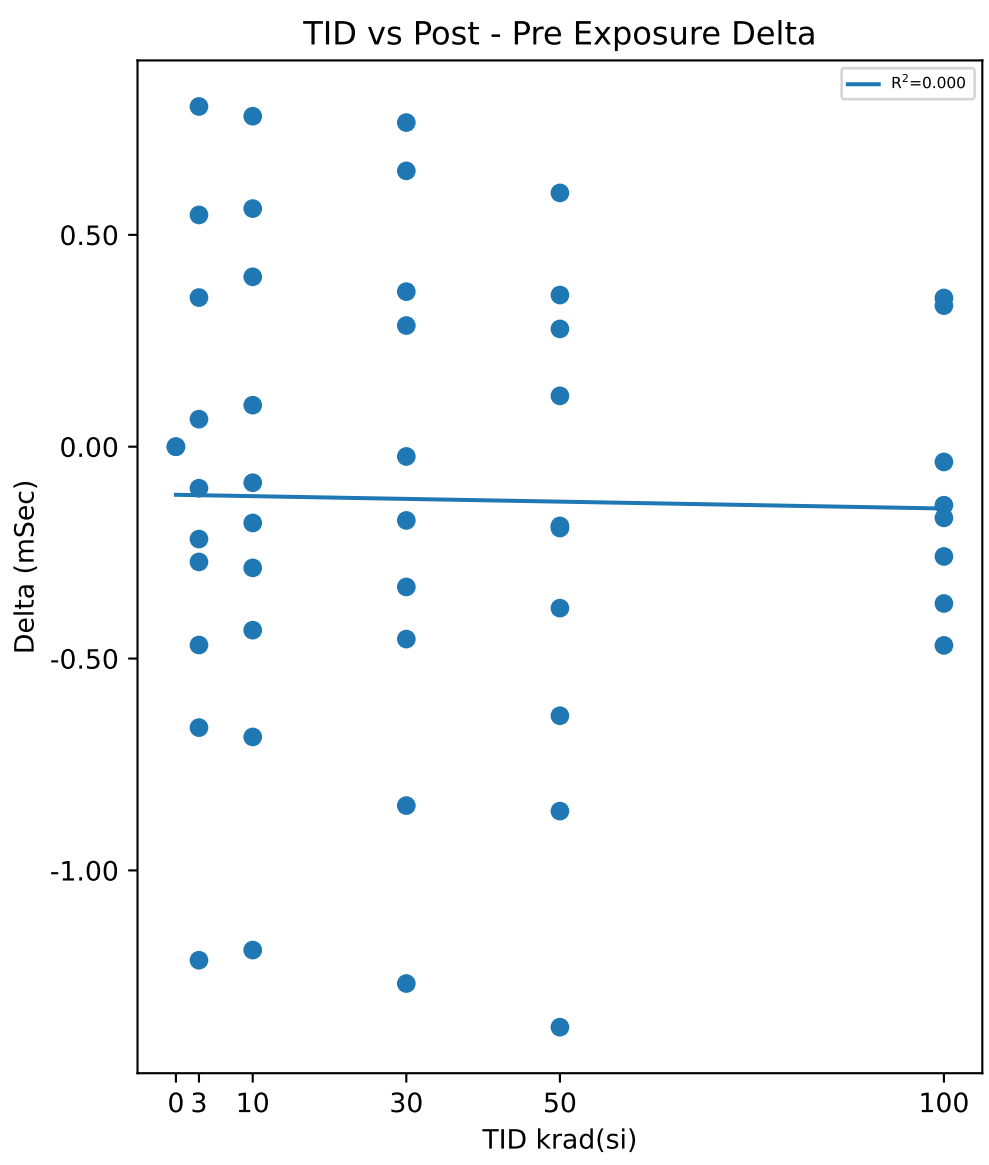
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.578	23.578	0
7	0	Correlation	23.331	23.331	0
16	3	LDR-Biased	23.853	23.195	-0.658
18	3	LDR-Biased	23.524	23.879	0.355
19	3	LDR-Biased	23.971	23.701	-0.27
20	3	LDR-Biased	23.654	23.183	-0.471
21	3	LDR-Biased	23.158	23.214	0.056
22	3	LDR-Unbiased	23.135	23.732	0.597
23	3	LDR-Unbiased	24.032	23.931	-0.101
25	3	LDR-Unbiased	24.164	22.947	-1.217
26	3	LDR-Unbiased	23.345	23.128	-0.217
27	3	LDR-Unbiased	23.372	23.92	0.548
46	10	LDR-Biased	23.853	23.165	-0.688
48	10	LDR-Biased	23.524	23.701	0.177
49	10	LDR-Biased	23.971	23.468	-0.503
50	10	LDR-Biased	23.654	23.002	-0.652
51	10	LDR-Biased	23.158	23.254	0.096
52	10	LDR-Unbiased	23.135	23.708	0.573
53	10	LDR-Unbiased	24.032	23.953	-0.079
55	10	LDR-Unbiased	24.164	22.969	-1.195
56	10	LDR-Unbiased	23.345	23.168	-0.177
57	10	LDR-Unbiased	23.372	23.933	0.561
76	30	LDR-Biased	23.853	23.231	-0.622
78	30	LDR-Biased	23.524	23.873	0.349
79	30	LDR-Biased	23.971	23.419	-0.552
80	30	LDR-Biased	23.654	22.985	-0.669
81	30	LDR-Biased	23.158	23.469	0.311
82	30	LDR-Unbiased	23.135	23.69	0.555
83	30	LDR-Unbiased	24.032	24.026	-0.006
84	30	LDR-Unbiased	23.372	24.051	0.679
85	30	LDR-Unbiased	24.164	22.685	-1.479
86	30	LDR-Unbiased	23.345	23.199	-0.146
87	100	LDR-Biased	23.414	23.38	-0.034
88	100	LDR-Biased	23.84	23.373	-0.467
90	100	LDR-Biased	23.748	23.599	-0.149
91	100	LDR-Unbiased	23.135	23.485	0.35
93	100	LDR-Unbiased	23.161	23.258	0.097
94	100	LDR-Unbiased	23.86	23.392	-0.468
95	100	LDR-Unbiased	23.841	23.488	-0.353
96	100	LDR-Unbiased	23.367	23.2	-0.167
106	50	LDR-Biased	23.853	23.207	-0.646
108	50	LDR-Biased	23.524	23.798	0.274
109	50	LDR-Biased	23.971	23.539	-0.432
110	50	LDR-Biased	23.654	23.279	-0.375
111	50	LDR-Biased	23.158	23.496	0.338
112	50	LDR-Unbiased	23.135	23.742	0.607
113	50	LDR-Unbiased	24.032	23.844	-0.188
115	50	LDR-Unbiased	24.164	22.789	-1.375
116	50	LDR-Unbiased	23.345	23.147	-0.198
117	50	LDR-Unbiased	23.372	23.74	0.368

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.331	23.454	23.578	0.17466	23.331	23.454	23.578	0.17466	0	0	0	0
3	23.135	23.621	24.164	0.37108	22.947	23.483	23.931	0.38248	-1.217	-0.1378	0.597	0.56392
10	23.135	23.621	24.164	0.37108	22.969	23.432	23.953	0.37181	-1.195	-0.1887	0.573	0.57199
30	23.135	23.621	24.164	0.37108	22.685	23.463	24.051	0.45235	-1.479	-0.158	0.679	0.67379
50	23.135	23.621	24.164	0.37108	22.789	23.458	23.844	0.34514	-1.375	-0.1627	0.607	0.5905
100	23.135	23.546	23.86	0.31156	23.2	23.397	23.599	0.12865	-0.468	-0.14888	0.35	0.28475

Device Test: 5.171 tdly_Res1p18M_EN4_SD/EN4/7/14/1.18M/0/0/@DLY_TMR_1MOHM





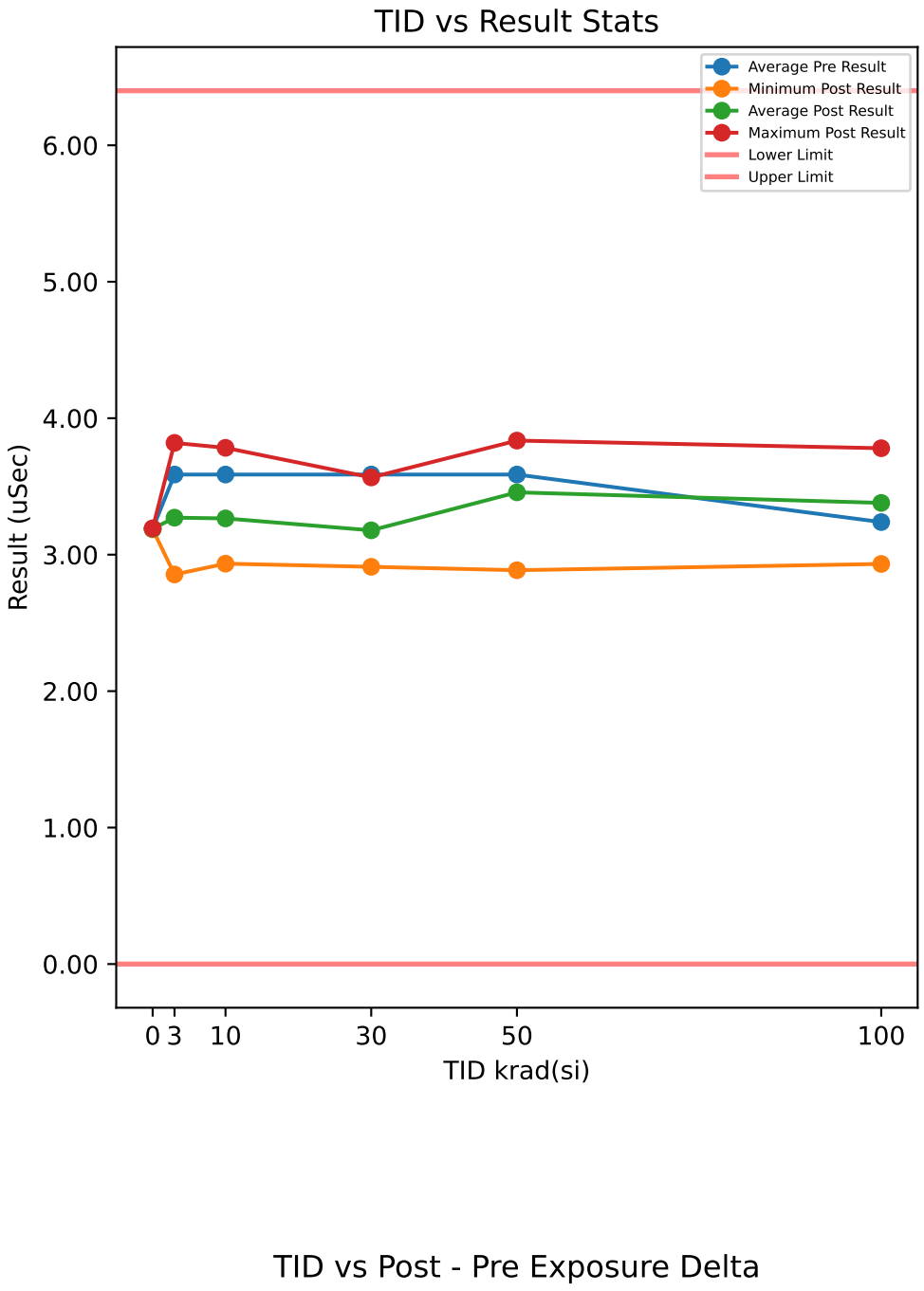
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

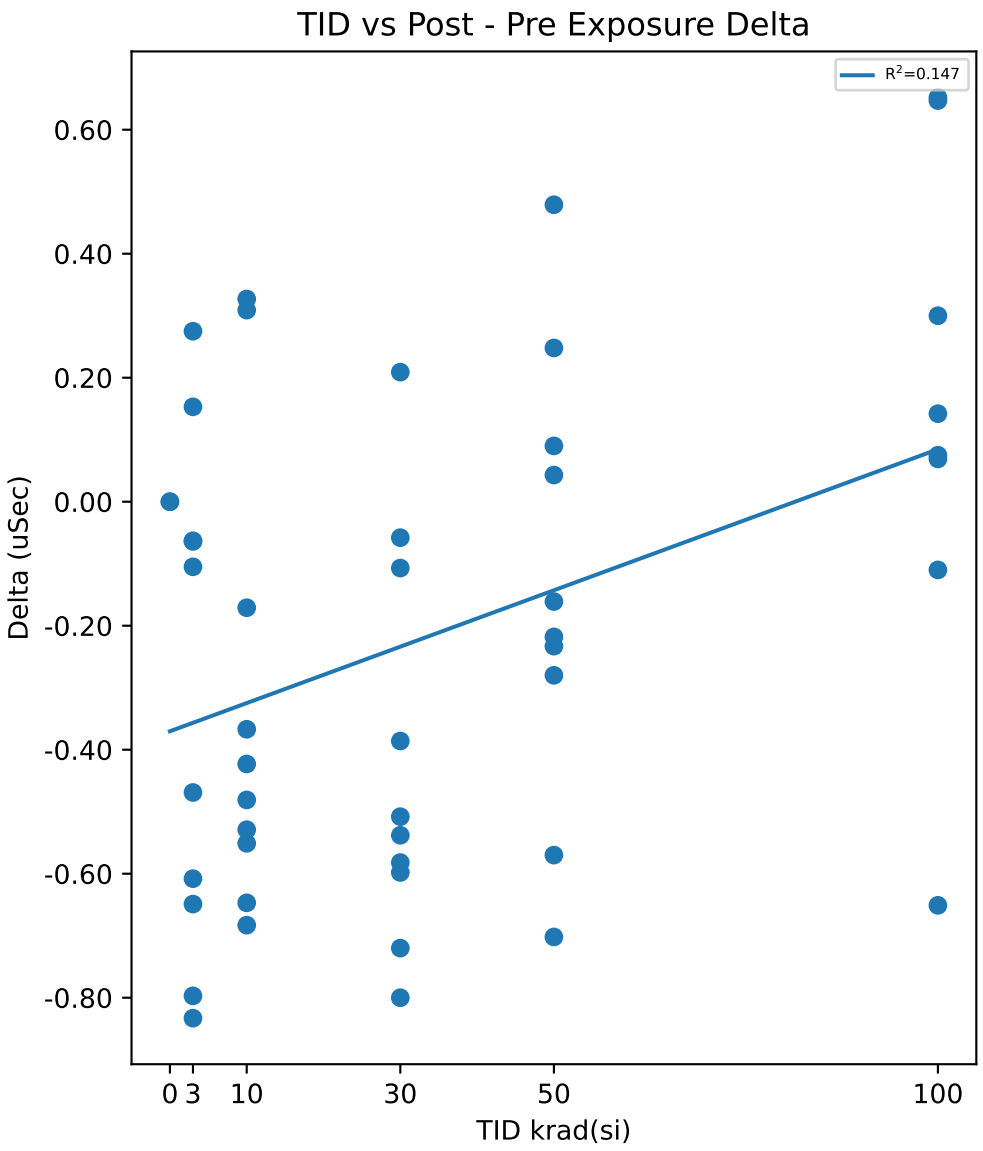
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.601	23.601	0
7	0	Correlation	23.337	23.337	0
16	3	LDR-Biased	23.859	23.196	-0.663
18	3	LDR-Biased	23.527	23.879	0.352
19	3	LDR-Biased	23.969	23.697	-0.272
20	3	LDR-Biased	23.657	23.189	-0.468
21	3	LDR-Biased	23.163	23.228	0.065
22	3	LDR-Unbiased	22.933	23.736	0.803
23	3	LDR-Unbiased	24.037	23.939	-0.098
25	3	LDR-Unbiased	24.163	22.951	-1.212
26	3	LDR-Unbiased	23.353	23.135	-0.218
27	3	LDR-Unbiased	23.378	23.925	0.547
46	10	LDR-Biased	23.859	23.174	-0.685
48	10	LDR-Biased	23.527	23.928	0.401
49	10	LDR-Biased	23.969	23.683	-0.286
50	10	LDR-Biased	23.657	23.224	-0.433
51	10	LDR-Biased	23.163	23.261	0.098
52	10	LDR-Unbiased	22.933	23.713	0.78
53	10	LDR-Unbiased	24.037	23.952	-0.085
55	10	LDR-Unbiased	24.163	22.975	-1.188
56	10	LDR-Unbiased	23.353	23.173	-0.18
57	10	LDR-Unbiased	23.378	23.94	0.562
76	30	LDR-Biased	23.859	23.012	-0.847
78	30	LDR-Biased	23.527	23.893	0.366
79	30	LDR-Biased	23.969	23.638	-0.331
80	30	LDR-Biased	23.657	23.203	-0.454
81	30	LDR-Biased	23.163	23.449	0.286
82	30	LDR-Unbiased	22.933	23.698	0.765
83	30	LDR-Unbiased	24.037	24.014	-0.023
84	30	LDR-Unbiased	23.378	24.029	0.651
85	30	LDR-Unbiased	24.163	22.896	-1.267
86	30	LDR-Unbiased	23.353	23.179	-0.174
87	100	LDR-Biased	23.421	23.385	-0.036
88	100	LDR-Biased	23.864	23.605	-0.259
90	100	LDR-Biased	23.744	23.606	-0.138
91	100	LDR-Unbiased	23.139	23.49	0.351
93	100	LDR-Unbiased	22.93	23.263	0.333
94	100	LDR-Unbiased	23.866	23.397	-0.469
95	100	LDR-Unbiased	23.846	23.476	-0.37
96	100	LDR-Unbiased	23.373	23.205	-0.168
106	50	LDR-Biased	23.859	22.999	-0.86
108	50	LDR-Biased	23.527	23.805	0.278
109	50	LDR-Biased	23.969	23.334	-0.635
110	50	LDR-Biased	23.657	23.276	-0.381
111	50	LDR-Biased	23.163	23.283	0.12
112	50	LDR-Unbiased	22.933	23.532	0.599
113	50	LDR-Unbiased	24.037	23.85	-0.187
115	50	LDR-Unbiased	24.163	22.793	-1.37
116	50	LDR-Unbiased	23.353	23.161	-0.192
117	50	LDR-Unbiased	23.378	23.736	0.358

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.337	23.469	23.601	0.18668	23.337	23.469	23.601	0.18668	0	0	0	0
3	22.933	23.604	24.163	0.40356	22.951	23.488	23.939	0.38118	-1.212	-0.1164	0.803	0.59585
10	22.933	23.604	24.163	0.40356	22.975	23.502	23.952	0.37742	-1.188	-0.1016	0.78	0.5945
30	22.933	23.604	24.163	0.40356	22.896	23.501	24.029	0.41547	-1.267	-0.1028	0.765	0.64878
50	22.933	23.604	24.163	0.40356	22.793	23.377	23.85	0.35139	-1.37	-0.227	0.599	0.60554
100	22.93	23.523	23.866	0.36236	23.205	23.428	23.606	0.14586	-0.469	-0.0945	0.351	0.30122

Device Test: 5.18 tpd_EN1_SD/EN1/1.6/14/0/0/0/@TPD_EN





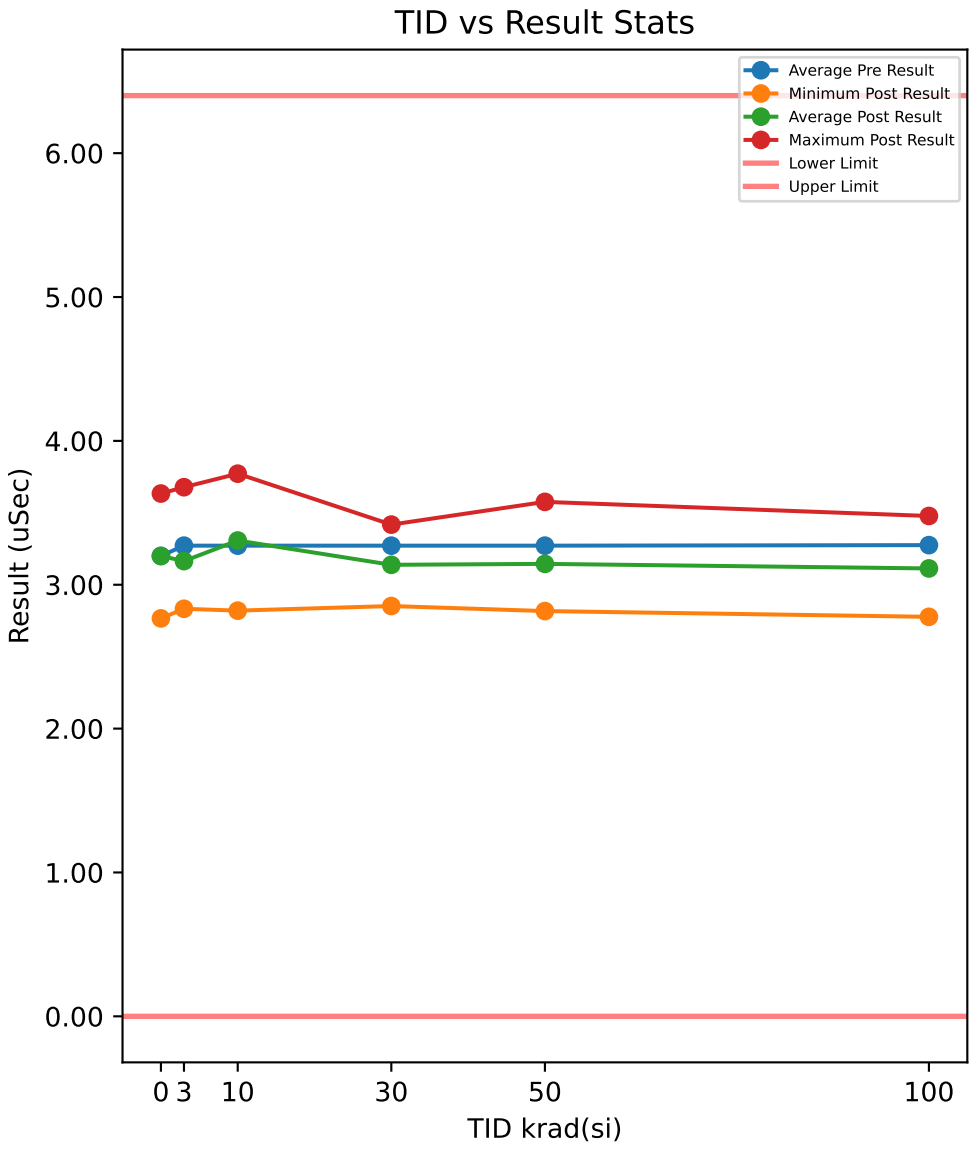
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

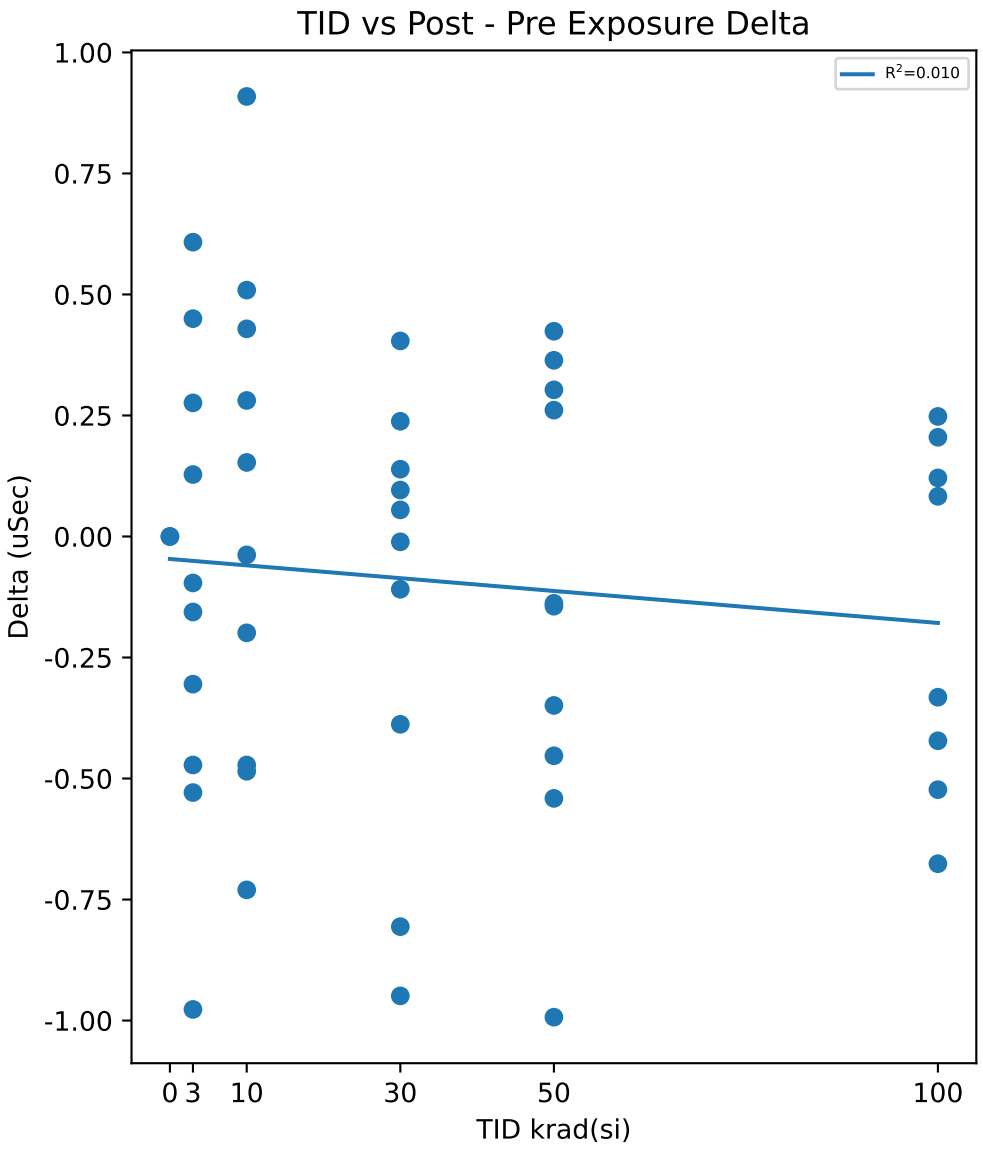
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.186	3.186	0
7	0	Correlation	3.193	3.193	0
16	3	LDR-Biased	3.641	2.992	-0.649
18	3	LDR-Biased	3.741	3.678	-0.063
19	3	LDR-Biased	3.838	3.005	-0.833
20	3	LDR-Biased	3.456	3.392	-0.064
21	3	LDR-Biased	3.463	2.855	-0.608
22	3	LDR-Unbiased	3.357	3.51	0.153
23	3	LDR-Unbiased	3.544	3.819	0.275
25	3	LDR-Unbiased	3.711	3.606	-0.105
26	3	LDR-Unbiased	3.451	2.982	-0.469
27	3	LDR-Unbiased	3.67	2.873	-0.797
46	10	LDR-Biased	3.641	2.994	-0.647
48	10	LDR-Biased	3.741	3.374	-0.367
49	10	LDR-Biased	3.838	3.155	-0.683
50	10	LDR-Biased	3.456	3.783	0.327
51	10	LDR-Biased	3.463	3.772	0.309
52	10	LDR-Unbiased	3.357	2.934	-0.423
53	10	LDR-Unbiased	3.544	3.063	-0.481
55	10	LDR-Unbiased	3.711	3.16	-0.551
56	10	LDR-Unbiased	3.451	3.28	-0.171
57	10	LDR-Unbiased	3.67	3.141	-0.529
76	30	LDR-Biased	3.641	3.059	-0.582
78	30	LDR-Biased	3.741	3.021	-0.72
79	30	LDR-Biased	3.838	3.24	-0.598
80	30	LDR-Biased	3.456	3.398	-0.058
81	30	LDR-Biased	3.463	3.356	-0.107
82	30	LDR-Unbiased	3.357	3.566	0.209
83	30	LDR-Unbiased	3.544	3.036	-0.508
84	30	LDR-Unbiased	3.67	3.284	-0.386
85	30	LDR-Unbiased	3.711	2.911	-0.8
86	30	LDR-Unbiased	3.451	2.913	-0.538
87	100	LDR-Biased	3.352	3.242	-0.11
88	100	LDR-Biased	2.91	3.21	0.3
90	100	LDR-Biased	3.142	3.217	0.075
91	100	LDR-Unbiased	3.109	3.761	0.652
93	100	LDR-Unbiased	3.704	3.773	0.069
94	100	LDR-Unbiased	3.583	2.932	-0.651
95	100	LDR-Unbiased	3.133	3.78	0.647
96	100	LDR-Unbiased	2.978	3.12	0.142
106	50	LDR-Biased	3.641	3.423	-0.218
108	50	LDR-Biased	3.741	3.58	-0.161
109	50	LDR-Biased	3.838	3.136	-0.702
110	50	LDR-Biased	3.456	2.886	-0.57
111	50	LDR-Biased	3.463	3.553	0.09
112	50	LDR-Unbiased	3.357	3.836	0.479
113	50	LDR-Unbiased	3.544	3.587	0.043
115	50	LDR-Unbiased	3.711	3.431	-0.28
116	50	LDR-Unbiased	3.451	3.699	0.248
117	50	LDR-Unbiased	3.67	3.437	-0.233

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.186	3.1895	3.193	0.0049497	3.186	3.1895	3.193	0.0049497	0	0	0	0
3	3.357	3.5872	3.838	0.15552	2.855	3.2712	3.819	0.3672	-0.833	-0.316	0.275	0.4027
10	3.357	3.5872	3.838	0.15552	2.934	3.2656	3.783	0.2981	-0.683	-0.3216	0.327	0.3668
30	3.357	3.5872	3.838	0.15552	2.911	3.1784	3.566	0.22266	-0.8	-0.4088	0.209	0.32293
50	3.357	3.5872	3.838	0.15552	2.886	3.4568	3.836	0.27381	-0.702	-0.1304	0.479	0.35819
100	2.91	3.2389	3.704	0.28315	2.932	3.3794	3.78	0.33857	-0.651	0.1405	0.652	0.42126

Device Test: 5.19 tpd_EN2_SD/EN2/1.6/14/0/0/0/@TPD_EN





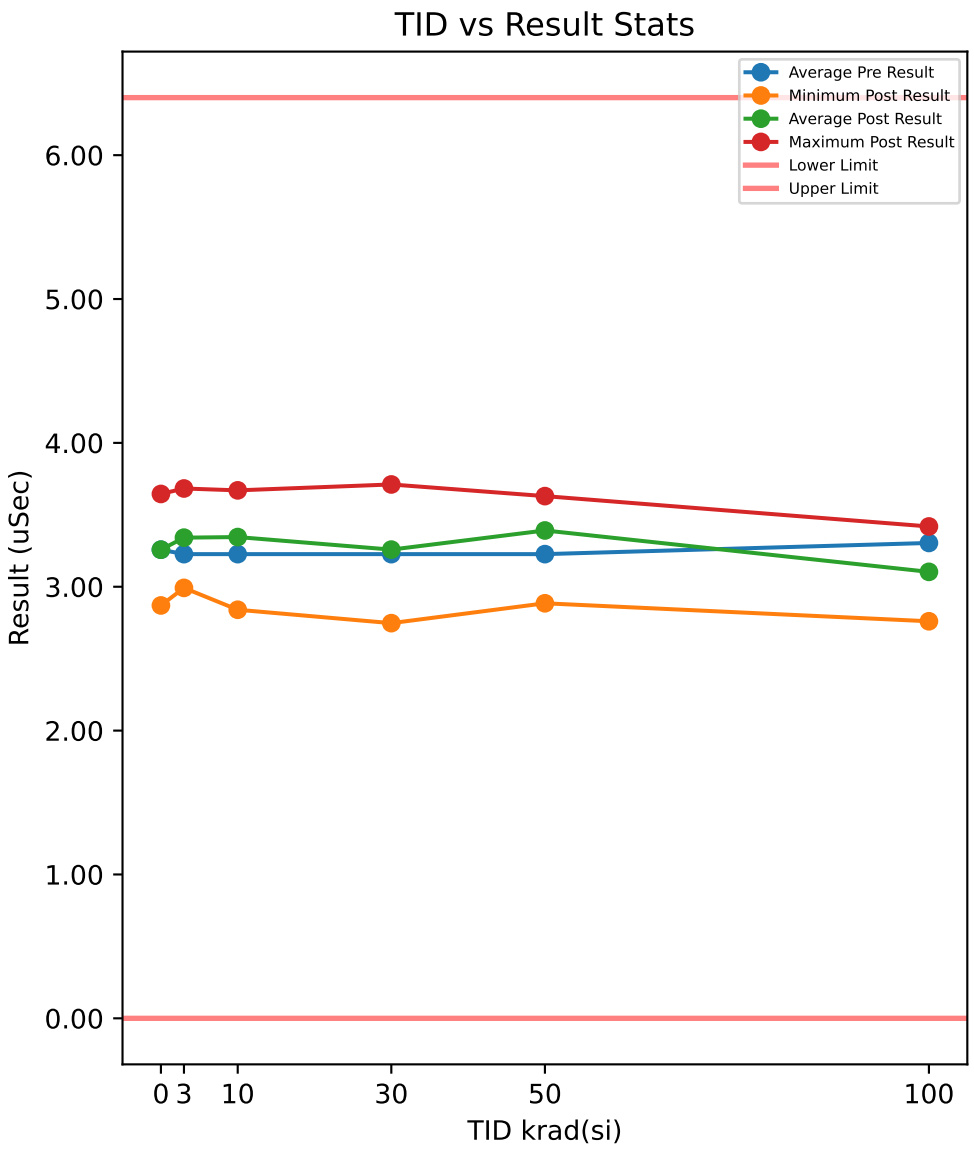
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

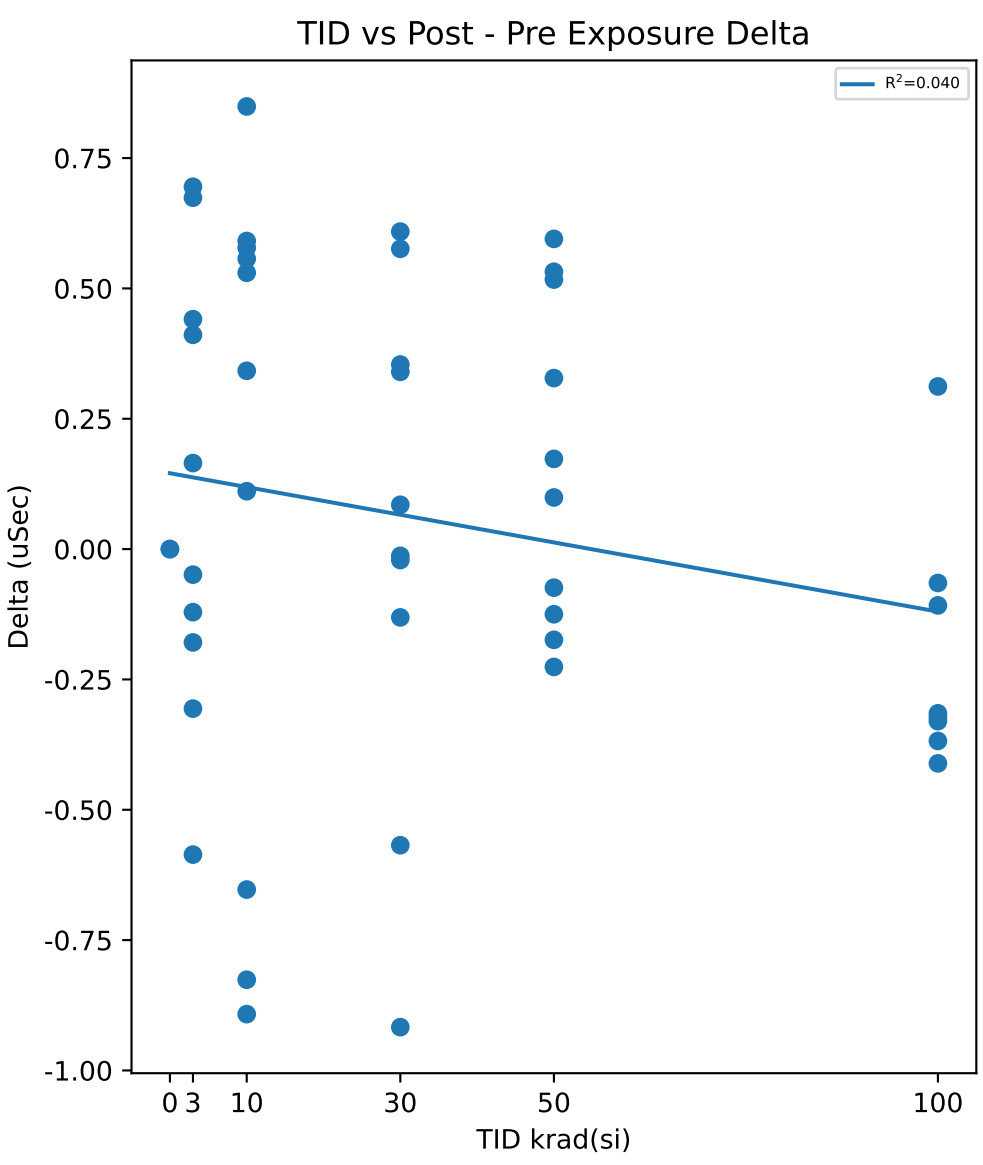
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.766	2.766	0
7	0	Correlation	3.634	3.634	0
16	3	LDR-Biased	3.475	3.003	-0.472
18	3	LDR-Biased	3.658	3.129	-0.529
19	3	LDR-Biased	3.223	3.499	0.276
20	3	LDR-Biased	2.824	3.432	0.608
21	3	LDR-Biased	3.014	2.858	-0.156
22	3	LDR-Unbiased	2.854	3.304	0.45
23	3	LDR-Unbiased	3.097	3.001	-0.096
25	3	LDR-Unbiased	3.81	2.833	-0.977
26	3	LDR-Unbiased	3.55	3.678	0.128
27	3	LDR-Unbiased	3.212	2.907	-0.305
46	10	LDR-Biased	3.475	2.99	-0.485
48	10	LDR-Biased	3.658	3.186	-0.472
49	10	LDR-Biased	3.223	3.652	0.429
50	10	LDR-Biased	2.824	3.333	0.509
51	10	LDR-Biased	3.014	3.167	0.153
52	10	LDR-Unbiased	2.854	3.763	0.909
53	10	LDR-Unbiased	3.097	3.378	0.281
55	10	LDR-Unbiased	3.81	3.772	-0.038
56	10	LDR-Unbiased	3.55	2.82	-0.73
57	10	LDR-Unbiased	3.212	3.013	-0.199
76	30	LDR-Biased	3.475	3.366	-0.109
78	30	LDR-Biased	3.658	2.852	-0.806
79	30	LDR-Biased	3.223	3.212	-0.011
80	30	LDR-Biased	2.824	2.963	0.139
81	30	LDR-Biased	3.014	3.418	0.404
82	30	LDR-Unbiased	2.854	3.092	0.238
83	30	LDR-Unbiased	3.097	3.152	0.055
84	30	LDR-Unbiased	3.212	3.308	0.096
85	30	LDR-Unbiased	3.81	2.861	-0.949
86	30	LDR-Unbiased	3.55	3.162	-0.388
87	100	LDR-Biased	3.558	3.136	-0.422
88	100	LDR-Biased	3.22	3.425	0.205
90	100	LDR-Biased	3.453	2.777	-0.676
91	100	LDR-Unbiased	2.849	2.97	0.121
93	100	LDR-Unbiased	3.086	3.169	0.083
94	100	LDR-Unbiased	3.6	3.077	-0.523
95	100	LDR-Unbiased	3.207	2.875	-0.332
96	100	LDR-Unbiased	3.23	3.478	0.248
106	50	LDR-Biased	3.475	3.022	-0.453
108	50	LDR-Biased	3.658	3.117	-0.541
109	50	LDR-Biased	3.223	3.079	-0.144
110	50	LDR-Biased	2.824	3.248	0.424
111	50	LDR-Biased	3.014	3.275	0.261
112	50	LDR-Unbiased	2.854	3.157	0.303
113	50	LDR-Unbiased	3.097	2.959	-0.138
115	50	LDR-Unbiased	3.81	2.817	-0.993
116	50	LDR-Unbiased	3.55	3.201	-0.349
117	50	LDR-Unbiased	3.212	3.576	0.364

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.766	3.2	3.634	0.61377	2.766	3.2	3.634	0.61377	0	0	0	0
3	2.824	3.2717	3.81	0.33921	2.833	3.1644	3.678	0.29642	-0.977	-0.1073	0.608	0.48686
10	2.824	3.2717	3.81	0.33921	2.82	3.3074	3.772	0.33454	-0.73	0.0357	0.909	0.51543
30	2.824	3.2717	3.81	0.33921	2.852	3.1386	3.418	0.19911	-0.949	-0.1331	0.404	0.4456
50	2.824	3.2717	3.81	0.33921	2.817	3.1451	3.576	0.20521	-0.993	-0.1266	0.424	0.46636
100	2.849	3.2754	3.6	0.25193	2.777	3.1134	3.478	0.24655	-0.676	-0.162	0.248	0.36526

Device Test: 5.2 tpd_EN3_SU/EN3/1.6/3/0/0/0/@TPD_EN





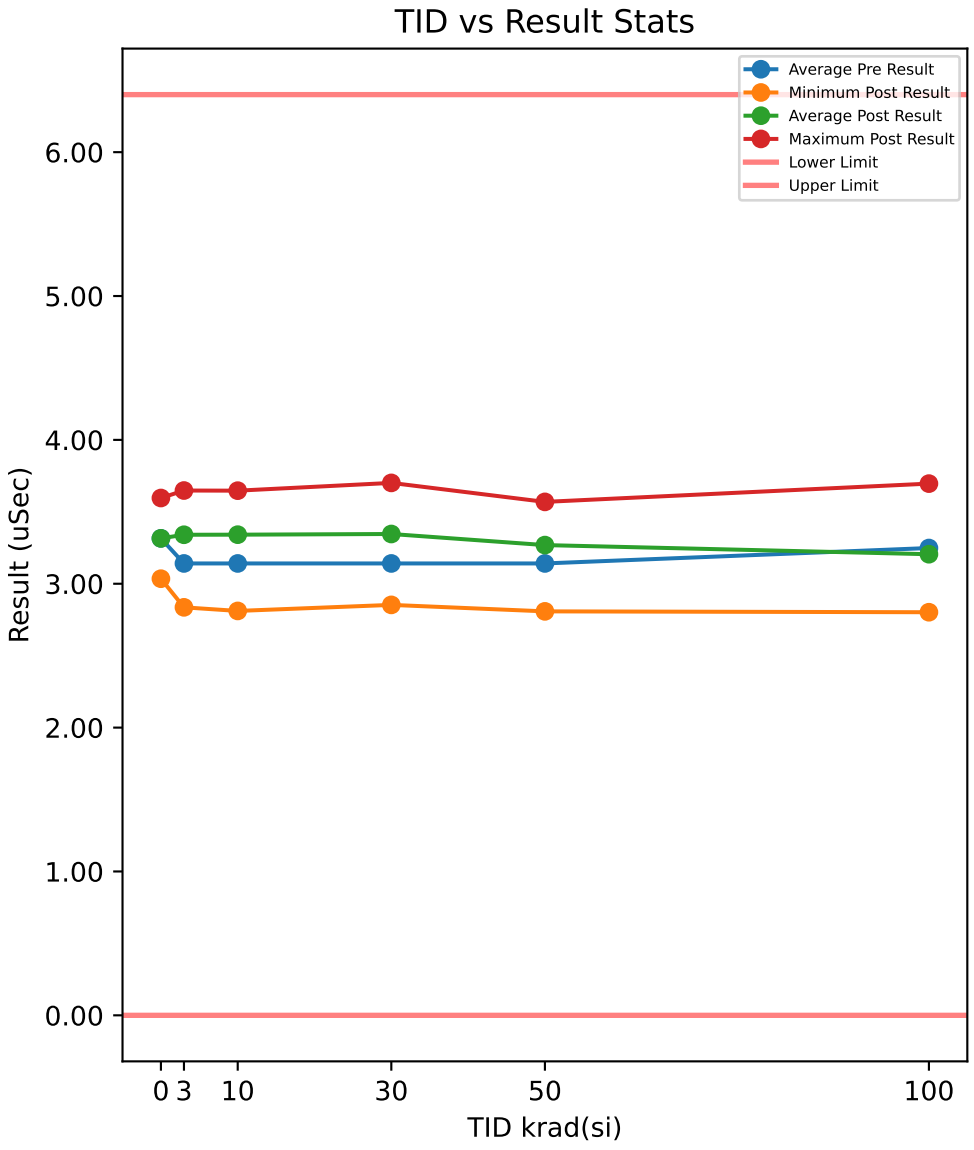
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

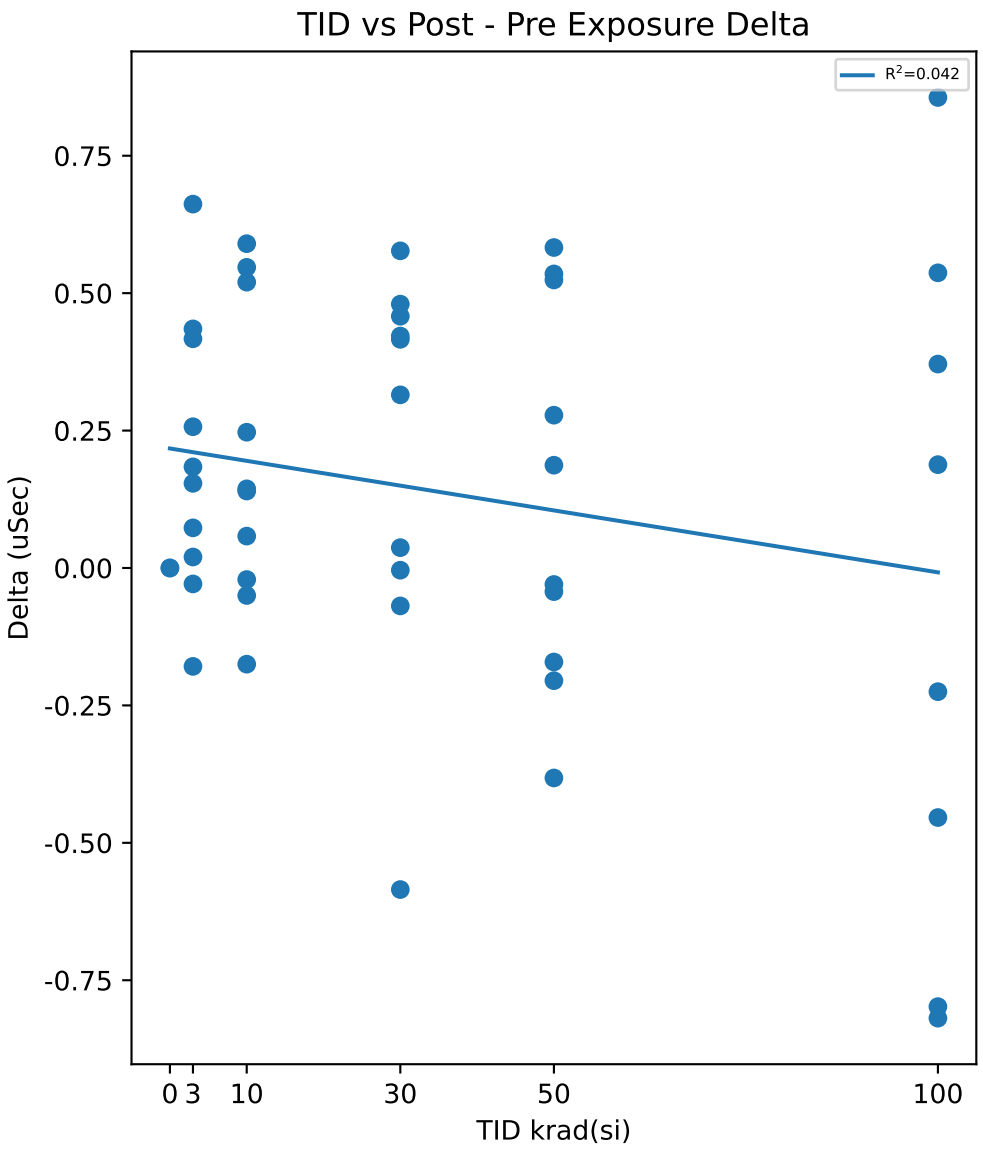
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.87	2.87	0
7	0	Correlation	3.645	3.645	0
16	3	LDR-Biased	3.732	3.683	-0.049
18	3	LDR-Biased	3.113	2.992	-0.121
19	3	LDR-Biased	3.752	3.446	-0.306
20	3	LDR-Biased	2.755	3.166	0.411
21	3	LDR-Biased	2.768	3.209	0.441
22	3	LDR-Unbiased	3.664	3.078	-0.586
23	3	LDR-Unbiased	3.453	3.618	0.165
25	3	LDR-Unbiased	3.268	3.089	-0.179
26	3	LDR-Unbiased	2.786	3.46	0.674
27	3	LDR-Unbiased	2.976	3.671	0.695
46	10	LDR-Biased	3.732	2.84	-0.892
48	10	LDR-Biased	3.113	3.67	0.557
49	10	LDR-Biased	3.752	2.926	-0.826
50	10	LDR-Biased	2.755	3.604	0.849
51	10	LDR-Biased	2.768	3.359	0.591
52	10	LDR-Unbiased	3.664	3.011	-0.653
53	10	LDR-Unbiased	3.453	3.564	0.111
55	10	LDR-Unbiased	3.268	3.61	0.342
56	10	LDR-Unbiased	2.786	3.364	0.578
57	10	LDR-Unbiased	2.976	3.506	0.53
76	30	LDR-Biased	3.732	3.711	-0.021
78	30	LDR-Biased	3.113	2.982	-0.131
79	30	LDR-Biased	3.752	3.184	-0.568
80	30	LDR-Biased	2.755	3.364	0.609
81	30	LDR-Biased	2.768	2.853	0.085
82	30	LDR-Unbiased	3.664	2.747	-0.917
83	30	LDR-Unbiased	3.453	3.44	-0.013
84	30	LDR-Unbiased	2.976	3.316	0.34
85	30	LDR-Unbiased	3.268	3.622	0.354
86	30	LDR-Unbiased	2.786	3.362	0.576
87	100	LDR-Biased	3.33	2.919	-0.411
88	100	LDR-Biased	3.233	2.903	-0.33
90	100	LDR-Biased	3.075	2.76	-0.315
91	100	LDR-Unbiased	3.009	2.944	-0.065
93	100	LDR-Unbiased	3.527	3.419	-0.108
94	100	LDR-Unbiased	3.696	3.328	-0.368
95	100	LDR-Unbiased	2.915	3.227	0.312
96	100	LDR-Unbiased	3.65	3.328	-0.322
106	50	LDR-Biased	3.732	3.607	-0.125
108	50	LDR-Biased	3.113	3.63	0.517
109	50	LDR-Biased	3.752	3.578	-0.174
110	50	LDR-Biased	2.755	3.35	0.595
111	50	LDR-Biased	2.768	3.3	0.532
112	50	LDR-Unbiased	3.664	3.438	-0.226
113	50	LDR-Unbiased	3.453	3.379	-0.074
115	50	LDR-Unbiased	3.268	3.596	0.328
116	50	LDR-Unbiased	2.786	2.885	0.099
117	50	LDR-Unbiased	2.976	3.149	0.173

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.87	3.2575	3.645	0.54801	2.87	3.2575	3.645	0.54801	0	0	0	0
3	2.755	3.2267	3.752	0.40529	2.992	3.3412	3.683	0.26464	-0.586	0.1145	0.695	0.43243
10	2.755	3.2267	3.752	0.40529	2.84	3.3454	3.67	0.30903	-0.892	0.1187	0.849	0.65727
30	2.755	3.2267	3.752	0.40529	2.747	3.2581	3.711	0.31676	-0.917	0.0314	0.609	0.48559
50	2.755	3.2267	3.752	0.40529	2.885	3.3912	3.63	0.23751	-0.226	0.1645	0.595	0.31332
100	2.915	3.3044	3.696	0.29752	2.76	3.1035	3.419	0.24879	-0.411	-0.20088	0.312	0.241

Device Test: 5.20 tpd_EN3_SD/EN3/1.6/14/0/0/0/@TPD_EN





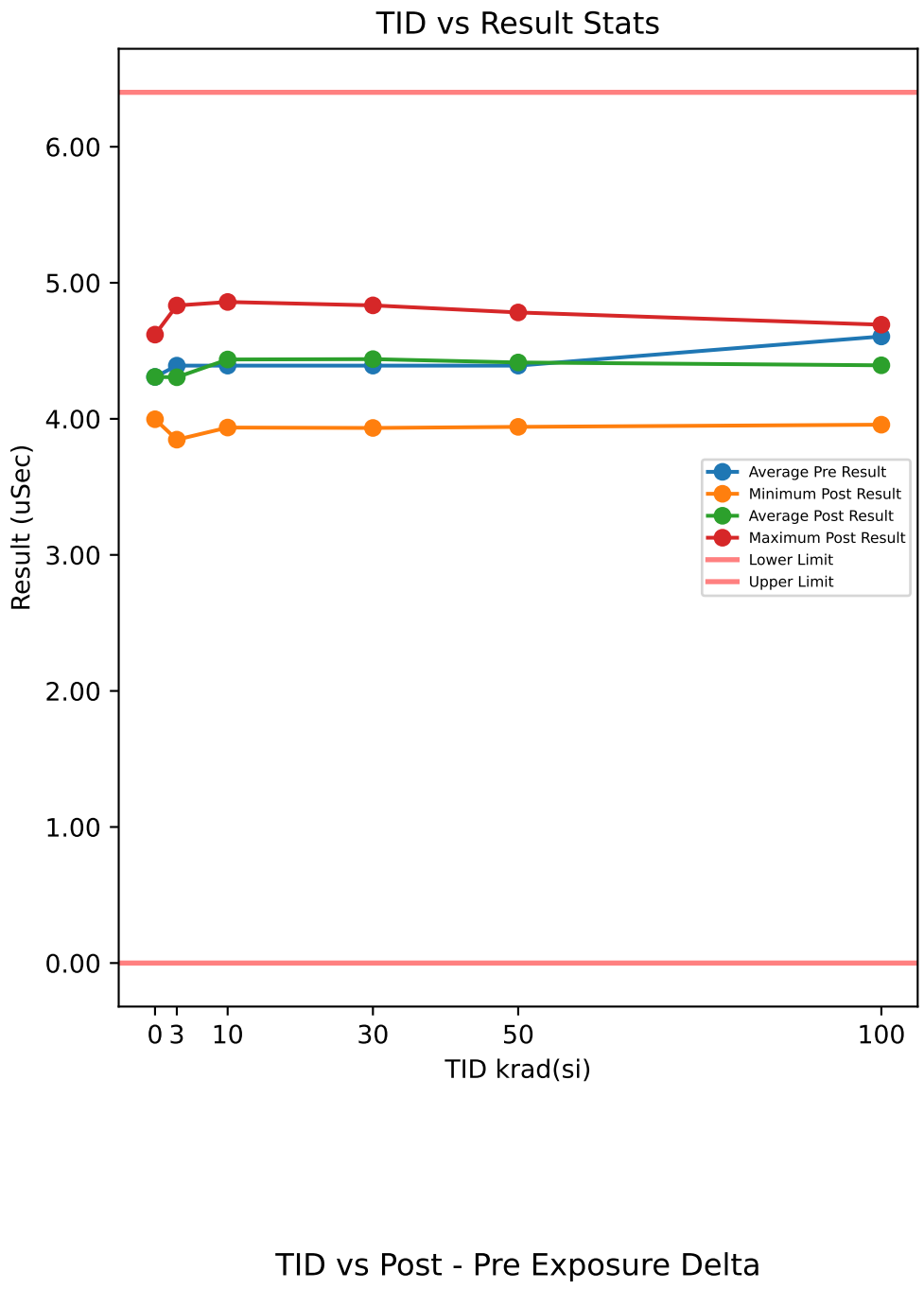
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

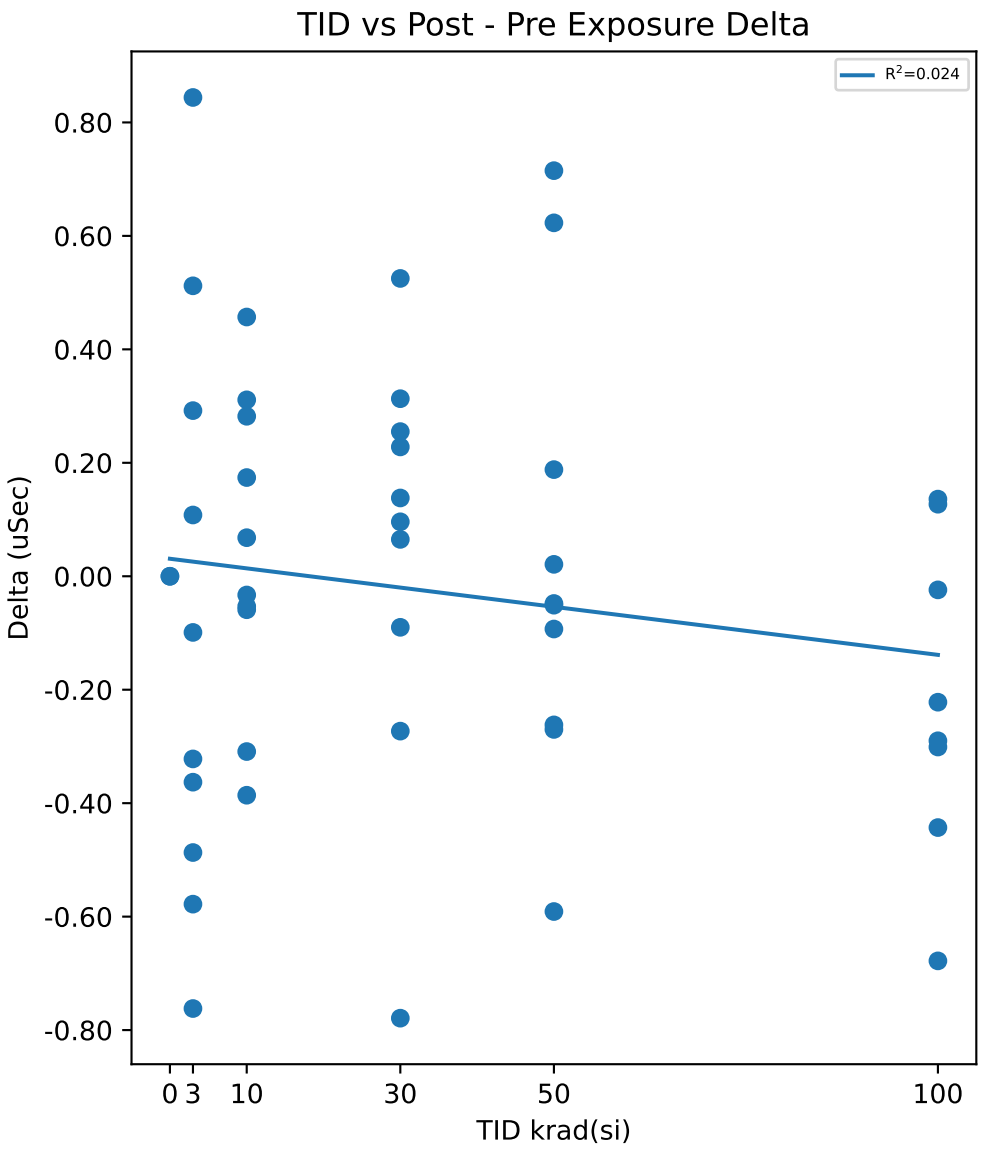
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.035	3.035	0
7	0	Correlation	3.596	3.596	0
16	3	LDR-Biased	3.507	3.328	-0.179
18	3	LDR-Biased	3.241	3.425	0.184
19	3	LDR-Biased	3.013	3.086	0.073
20	3	LDR-Biased	3.088	3.523	0.435
21	3	LDR-Biased	2.922	2.942	0.02
22	3	LDR-Unbiased	3.285	3.542	0.257
23	3	LDR-Unbiased	3.051	3.468	0.417
25	3	LDR-Unbiased	3.453	3.607	0.154
26	3	LDR-Unbiased	2.865	2.836	-0.029
27	3	LDR-Unbiased	2.986	3.648	0.662
46	10	LDR-Biased	3.507	3.647	0.14
48	10	LDR-Biased	3.241	3.191	-0.05
49	10	LDR-Biased	3.013	3.157	0.144
50	10	LDR-Biased	3.088	3.067	-0.021
51	10	LDR-Biased	2.922	3.512	0.59
52	10	LDR-Unbiased	3.285	3.532	0.247
53	10	LDR-Unbiased	3.051	3.598	0.547
55	10	LDR-Unbiased	3.453	3.511	0.058
56	10	LDR-Unbiased	2.865	3.385	0.52
57	10	LDR-Unbiased	2.986	2.811	-0.175
76	30	LDR-Biased	3.507	2.922	-0.585
78	30	LDR-Biased	3.241	3.663	0.422
79	30	LDR-Biased	3.013	3.471	0.458
80	30	LDR-Biased	3.088	3.403	0.315
81	30	LDR-Biased	2.922	2.853	-0.069
82	30	LDR-Unbiased	3.285	3.701	0.416
83	30	LDR-Unbiased	3.051	3.531	0.48
84	30	LDR-Unbiased	2.986	3.023	0.037
85	30	LDR-Unbiased	3.453	3.449	-0.004
86	30	LDR-Unbiased	2.865	3.442	0.577
87	100	LDR-Biased	3.325	3.696	0.371
88	100	LDR-Biased	2.753	3.29	0.537
90	100	LDR-Biased	3.58	3.126	-0.454
91	100	LDR-Unbiased	3.302	3.077	-0.225
93	100	LDR-Unbiased	2.741	3.597	0.856
94	100	LDR-Unbiased	2.997	3.185	0.188
95	100	LDR-Unbiased	3.6	2.802	-0.798
96	100	LDR-Unbiased	3.688	2.869	-0.819
106	50	LDR-Biased	3.507	3.125	-0.382
108	50	LDR-Biased	3.241	3.519	0.278
109	50	LDR-Biased	3.013	2.808	-0.205
110	50	LDR-Biased	3.088	2.917	-0.171
111	50	LDR-Biased	2.922	3.457	0.535
112	50	LDR-Unbiased	3.285	3.242	-0.043
113	50	LDR-Unbiased	3.051	3.238	0.187
115	50	LDR-Unbiased	3.453	3.423	-0.03
116	50	LDR-Unbiased	2.865	3.389	0.524
117	50	LDR-Unbiased	2.986	3.569	0.583

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.035	3.3155	3.596	0.39669	3.035	3.3155	3.596	0.39669	0	0	0	0
3	2.865	3.1411	3.507	0.22048	2.836	3.3405	3.648	0.28696	-0.179	0.1994	0.662	0.25077
10	2.865	3.1411	3.507	0.22048	2.811	3.3411	3.647	0.27255	-0.175	0.2	0.59	0.26998
30	2.865	3.1411	3.507	0.22048	2.853	3.3458	3.701	0.30306	-0.585	0.2047	0.577	0.3579
50	2.865	3.1411	3.507	0.22048	2.808	3.2687	3.569	0.25491	-0.382	0.1276	0.583	0.34481
100	2.741	3.2483	3.688	0.37828	2.802	3.2052	3.696	0.3163	-0.819	-0.043	0.856	0.62605

Device Test: 5.21 tpd_EN4_SD/EN4/1.6/14/0/0/0/@TPD_EN





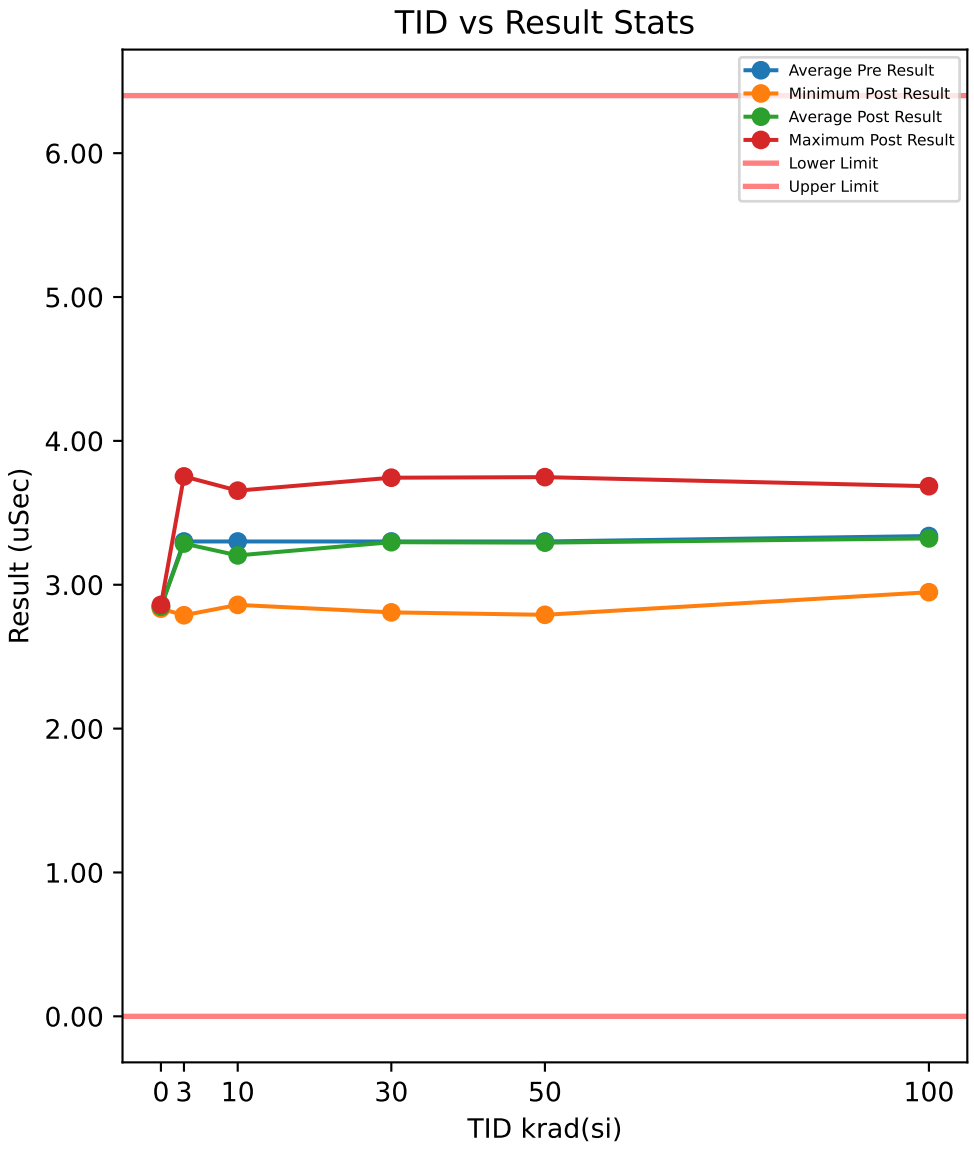
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

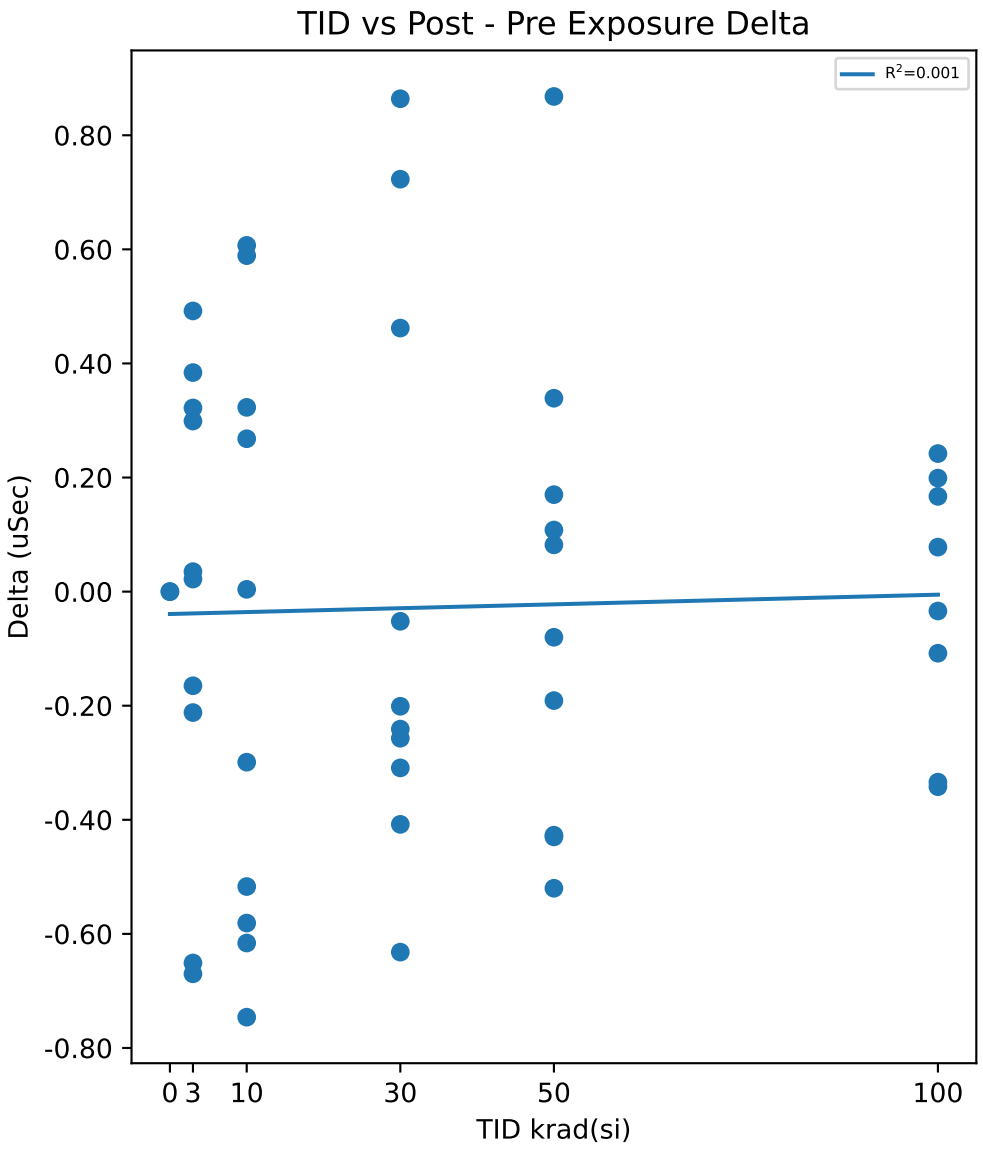
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	4.619	4.619	0
7	0	Correlation	3.997	3.997	0
16	3	LDR-Biased	4.685	4.107	-0.578
18	3	LDR-Biased	3.946	3.847	-0.099
19	3	LDR-Biased	4.521	4.158	-0.363
20	3	LDR-Biased	4.12	4.632	0.512
21	3	LDR-Biased	3.989	4.833	0.844
22	3	LDR-Unbiased	4.381	4.059	-0.322
23	3	LDR-Unbiased	4.535	4.827	0.292
25	3	LDR-Unbiased	4.712	4.225	-0.487
26	3	LDR-Unbiased	4.159	4.267	0.108
27	3	LDR-Unbiased	4.863	4.101	-0.762
46	10	LDR-Biased	4.685	4.859	0.174
48	10	LDR-Biased	3.946	4.228	0.282
49	10	LDR-Biased	4.521	4.488	-0.033
50	10	LDR-Biased	4.12	4.431	0.311
51	10	LDR-Biased	3.989	3.936	-0.053
52	10	LDR-Unbiased	4.381	4.072	-0.309
53	10	LDR-Unbiased	4.535	4.603	0.068
55	10	LDR-Unbiased	4.712	4.326	-0.386
56	10	LDR-Unbiased	4.159	4.616	0.457
57	10	LDR-Unbiased	4.863	4.804	-0.059
76	30	LDR-Biased	4.685	4.781	0.096
78	30	LDR-Biased	3.946	4.471	0.525
79	30	LDR-Biased	4.521	4.834	0.313
80	30	LDR-Biased	4.12	4.348	0.228
81	30	LDR-Biased	3.989	4.244	0.255
82	30	LDR-Unbiased	4.381	4.519	0.138
83	30	LDR-Unbiased	4.535	4.6	0.065
84	30	LDR-Unbiased	4.863	4.59	-0.273
85	30	LDR-Unbiased	4.712	3.933	-0.779
86	30	LDR-Unbiased	4.159	4.069	-0.09
87	100	LDR-Biased	4.849	4.559	-0.29
88	100	LDR-Biased	4.6	4.378	-0.222
90	100	LDR-Biased	4.84	4.539	-0.301
91	100	LDR-Unbiased	4.659	4.216	-0.443
93	100	LDR-Unbiased	4.317	4.293	-0.024
94	100	LDR-Unbiased	4.635	3.957	-0.678
95	100	LDR-Unbiased	4.556	4.692	0.136
96	100	LDR-Unbiased	4.387	4.514	0.127
106	50	LDR-Biased	4.685	4.094	-0.591
108	50	LDR-Biased	3.946	4.661	0.715
109	50	LDR-Biased	4.521	4.47	-0.051
110	50	LDR-Biased	4.12	4.141	0.021
111	50	LDR-Biased	3.989	3.941	-0.048
112	50	LDR-Unbiased	4.381	4.111	-0.27
113	50	LDR-Unbiased	4.535	4.723	0.188
115	50	LDR-Unbiased	4.712	4.45	-0.262
116	50	LDR-Unbiased	4.159	4.782	0.623
117	50	LDR-Unbiased	4.863	4.77	-0.093

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.997	4.308	4.619	0.43982	3.997	4.308	4.619	0.43982	0	0	0	0
3	3.946	4.3911	4.863	0.32264	3.847	4.3056	4.833	0.33973	-0.762	-0.0855	0.844	0.51591
10	3.946	4.3911	4.863	0.32264	3.936	4.4363	4.859	0.30097	-0.386	0.0452	0.457	0.26904
30	3.946	4.3911	4.863	0.32264	3.933	4.4389	4.834	0.29219	-0.779	0.0478	0.525	0.36358
50	3.946	4.3911	4.863	0.32264	3.941	4.4143	4.782	0.31895	-0.591	0.0232	0.715	0.39918
100	4.317	4.6054	4.849	0.18954	3.957	4.3935	4.692	0.23439	-0.678	-0.21187	0.136	0.28183

Device Test: 5.22 tpd_SEQ_SD/SEQ_DONE/1.6/14/0/0/0/@TPD_SEQ_DONE





Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

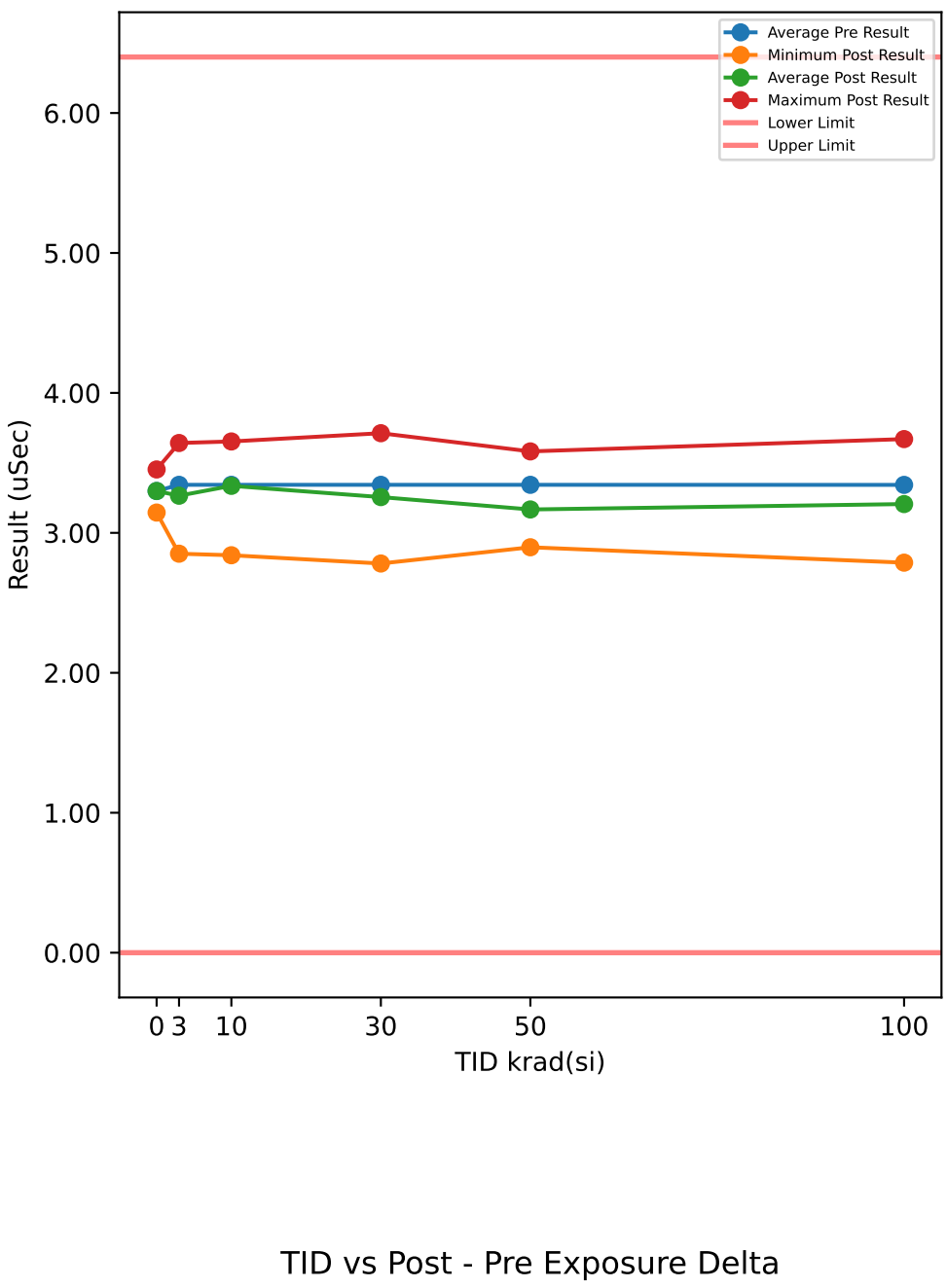
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.834	2.834	0
7	0	Correlation	2.86	2.86	0
16	3	LDR-Biased	3.476	3.498	0.022
18	3	LDR-Biased	3.065	3.364	0.299
19	3	LDR-Biased	3.655	3.004	-0.651
20	3	LDR-Biased	2.924	3.246	0.322
21	3	LDR-Biased	2.88	3.372	0.492
22	3	LDR-Unbiased	3.63	3.418	-0.212
23	3	LDR-Unbiased	3.458	2.788	-0.67
25	3	LDR-Unbiased	3.22	3.604	0.384
26	3	LDR-Unbiased	2.982	2.817	-0.165
27	3	LDR-Unbiased	3.718	3.753	0.035
46	10	LDR-Biased	3.476	2.86	-0.616
48	10	LDR-Biased	3.065	3.654	0.589
49	10	LDR-Biased	3.655	2.909	-0.746
50	10	LDR-Biased	2.924	2.928	0.004
51	10	LDR-Biased	2.88	3.487	0.607
52	10	LDR-Unbiased	3.63	3.331	-0.299
53	10	LDR-Unbiased	3.458	2.877	-0.581
55	10	LDR-Unbiased	3.22	3.488	0.268
56	10	LDR-Unbiased	2.982	3.305	0.323
57	10	LDR-Unbiased	3.718	3.201	-0.517
76	30	LDR-Biased	3.476	2.844	-0.632
78	30	LDR-Biased	3.065	2.808	-0.257
79	30	LDR-Biased	3.655	3.346	-0.309
80	30	LDR-Biased	2.924	3.647	0.723
81	30	LDR-Biased	2.88	3.744	0.864
82	30	LDR-Unbiased	3.63	3.578	-0.052
83	30	LDR-Unbiased	3.458	3.257	-0.201
84	30	LDR-Unbiased	3.718	3.477	-0.241
85	30	LDR-Unbiased	3.22	2.812	-0.408
86	30	LDR-Unbiased	2.982	3.444	0.462
87	100	LDR-Biased	3.223	3.422	0.199
88	100	LDR-Biased	3.518	3.685	0.167
90	100	LDR-Biased	3.603	3.261	-0.342
91	100	LDR-Unbiased	3.33	3.408	0.078
93	100	LDR-Unbiased	3.017	3.259	0.242
94	100	LDR-Unbiased	3.029	2.995	-0.034
95	100	LDR-Unbiased	3.706	3.598	-0.108
96	100	LDR-Unbiased	3.282	2.948	-0.334
106	50	LDR-Biased	3.476	3.046	-0.43
108	50	LDR-Biased	3.065	3.404	0.339
109	50	LDR-Biased	3.655	3.135	-0.52
110	50	LDR-Biased	2.924	2.844	-0.08
111	50	LDR-Biased	2.88	3.748	0.868
112	50	LDR-Unbiased	3.63	3.712	0.082
113	50	LDR-Unbiased	3.458	3.628	0.17
115	50	LDR-Unbiased	3.22	3.328	0.108
116	50	LDR-Unbiased	2.982	2.791	-0.191
117	50	LDR-Unbiased	3.718	3.291	-0.427

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.834	2.847	2.86	0.018385	2.834	2.847	2.86	0.018385	0	0	0	0
3	2.88	3.3008	3.718	0.32423	2.788	3.2864	3.753	0.32389	-0.67	-0.0144	0.492	0.41192
10	2.88	3.3008	3.718	0.32423	2.86	3.204	3.654	0.29402	-0.746	-0.0968	0.607	0.51941
30	2.88	3.3008	3.718	0.32423	2.808	3.2957	3.744	0.35572	-0.632	-0.0051	0.864	0.50673
50	2.88	3.3008	3.718	0.32423	2.791	3.2927	3.748	0.34123	-0.52	-0.0081	0.868	0.42104
100	3.017	3.3385	3.706	0.25439	2.948	3.322	3.685	0.26182	-0.342	-0.0165	0.242	0.23031

Device Test: 5.23 tpd_PWRGD_SD/PWRGD/1.6/14/0/0/0/@TPD_PWRGD

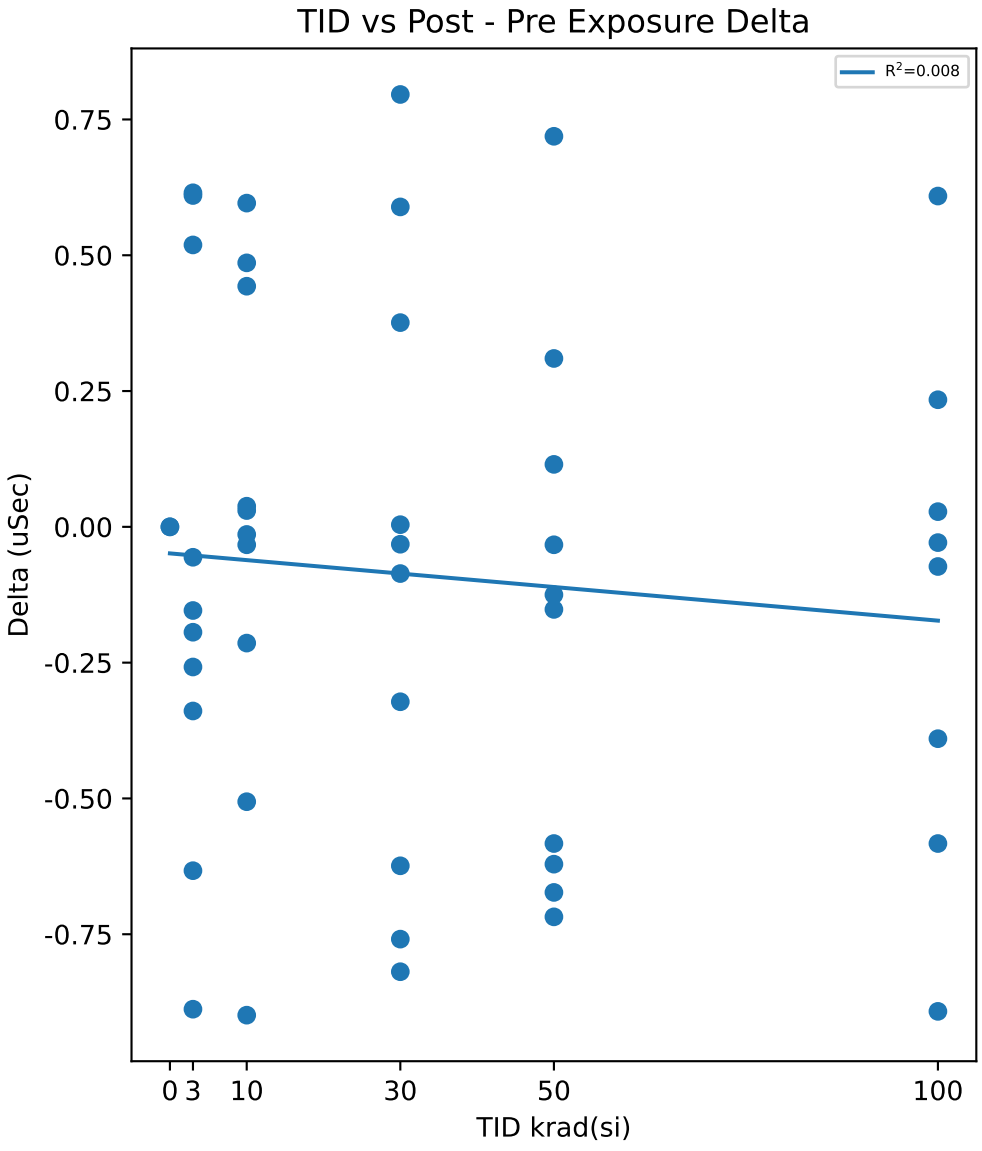
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.453	3.453	0
7	0	Correlation	3.145	3.145	0
16	3	LDR-Biased	2.777	3.387	0.61
18	3	LDR-Biased	3.739	2.851	-0.888
19	3	LDR-Biased	2.912	3.527	0.615
20	3	LDR-Biased	3.546	3.288	-0.258
21	3	LDR-Biased	3.615	2.982	-0.633
22	3	LDR-Unbiased	3.133	2.979	-0.154
23	3	LDR-Unbiased	3.521	3.465	-0.056
25	3	LDR-Unbiased	3.123	3.642	0.519
26	3	LDR-Unbiased	3.599	3.405	-0.194
27	3	LDR-Unbiased	3.467	3.128	-0.339
46	10	LDR-Biased	2.777	3.373	0.596
48	10	LDR-Biased	3.739	2.84	-0.899
49	10	LDR-Biased	2.912	3.398	0.486
50	10	LDR-Biased	3.546	3.576	0.03
51	10	LDR-Biased	3.615	3.653	0.038
52	10	LDR-Unbiased	3.133	3.119	-0.014
53	10	LDR-Unbiased	3.521	3.015	-0.506
55	10	LDR-Unbiased	3.123	3.566	0.443
56	10	LDR-Unbiased	3.599	3.385	-0.214
57	10	LDR-Unbiased	3.467	3.434	-0.033
76	30	LDR-Biased	2.777	2.781	0.004
78	30	LDR-Biased	3.739	3.653	-0.086
79	30	LDR-Biased	2.912	3.708	0.796
80	30	LDR-Biased	3.546	2.922	-0.624
81	30	LDR-Biased	3.615	2.796	-0.819
82	30	LDR-Unbiased	3.133	3.509	0.376
83	30	LDR-Unbiased	3.521	3.489	-0.032
84	30	LDR-Unbiased	3.467	3.145	-0.322
85	30	LDR-Unbiased	3.123	3.712	0.589
86	30	LDR-Unbiased	3.599	2.84	-0.759
87	100	LDR-Biased	3.169	3.197	0.028
88	100	LDR-Biased	3.051	3.285	0.234
90	100	LDR-Biased	3.206	3.177	-0.029
91	100	LDR-Unbiased	3.679	2.787	-0.892
93	100	LDR-Unbiased	3.497	2.914	-0.583
94	100	LDR-Unbiased	3.593	3.52	-0.073
95	100	LDR-Unbiased	3.061	3.67	0.609
96	100	LDR-Unbiased	3.486	3.096	-0.39
106	50	LDR-Biased	2.777	3.496	0.719
108	50	LDR-Biased	3.739	3.156	-0.583
109	50	LDR-Biased	2.912	3.222	0.31
110	50	LDR-Biased	3.546	3.513	-0.033
111	50	LDR-Biased	3.615	2.897	-0.718
112	50	LDR-Unbiased	3.133	2.981	-0.152
113	50	LDR-Unbiased	3.521	2.9	-0.621
115	50	LDR-Unbiased	3.123	2.998	-0.125
116	50	LDR-Unbiased	3.599	2.926	-0.673
117	50	LDR-Unbiased	3.467	3.582	0.115

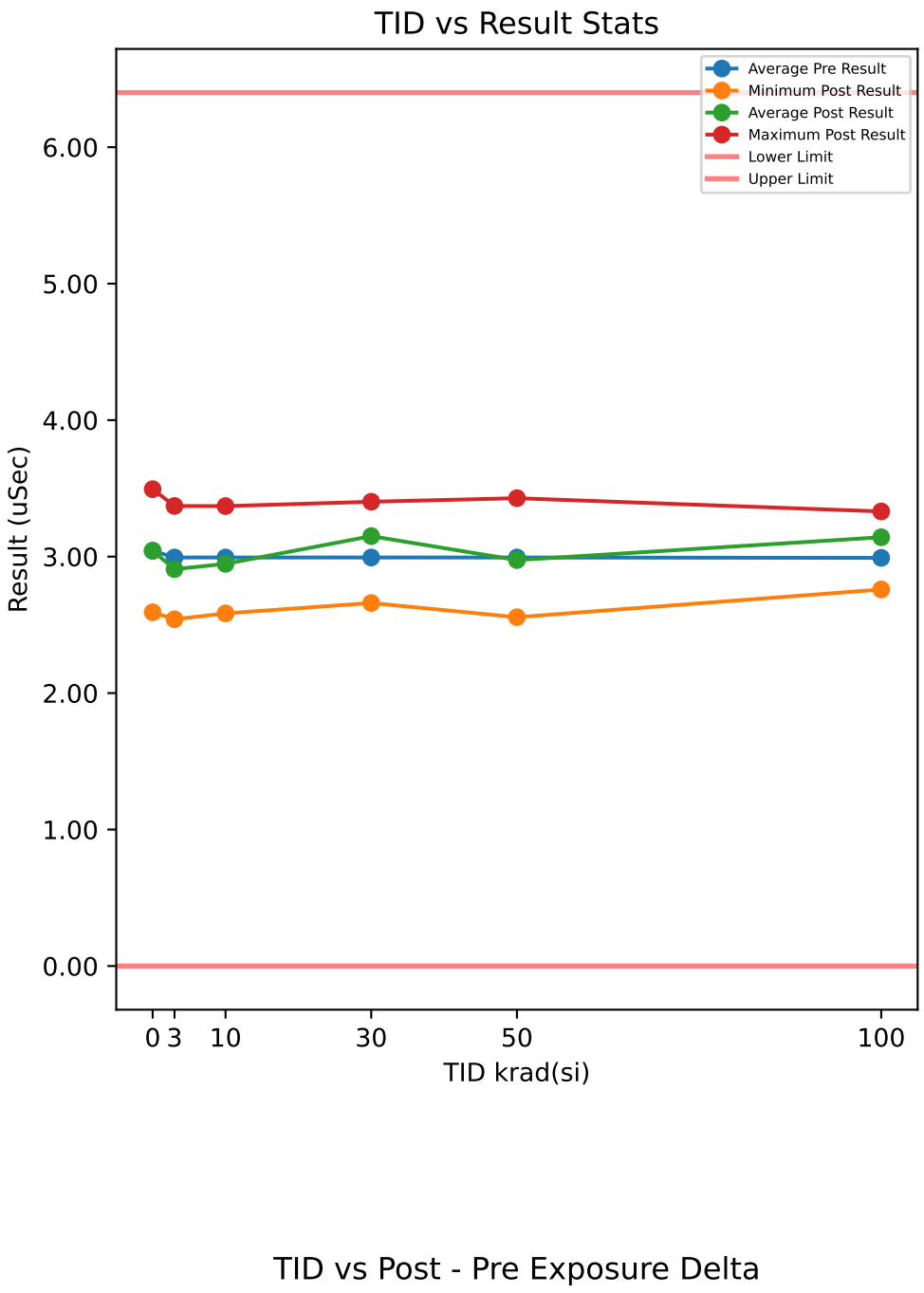
TID vs Post - Pre Exposure Delta

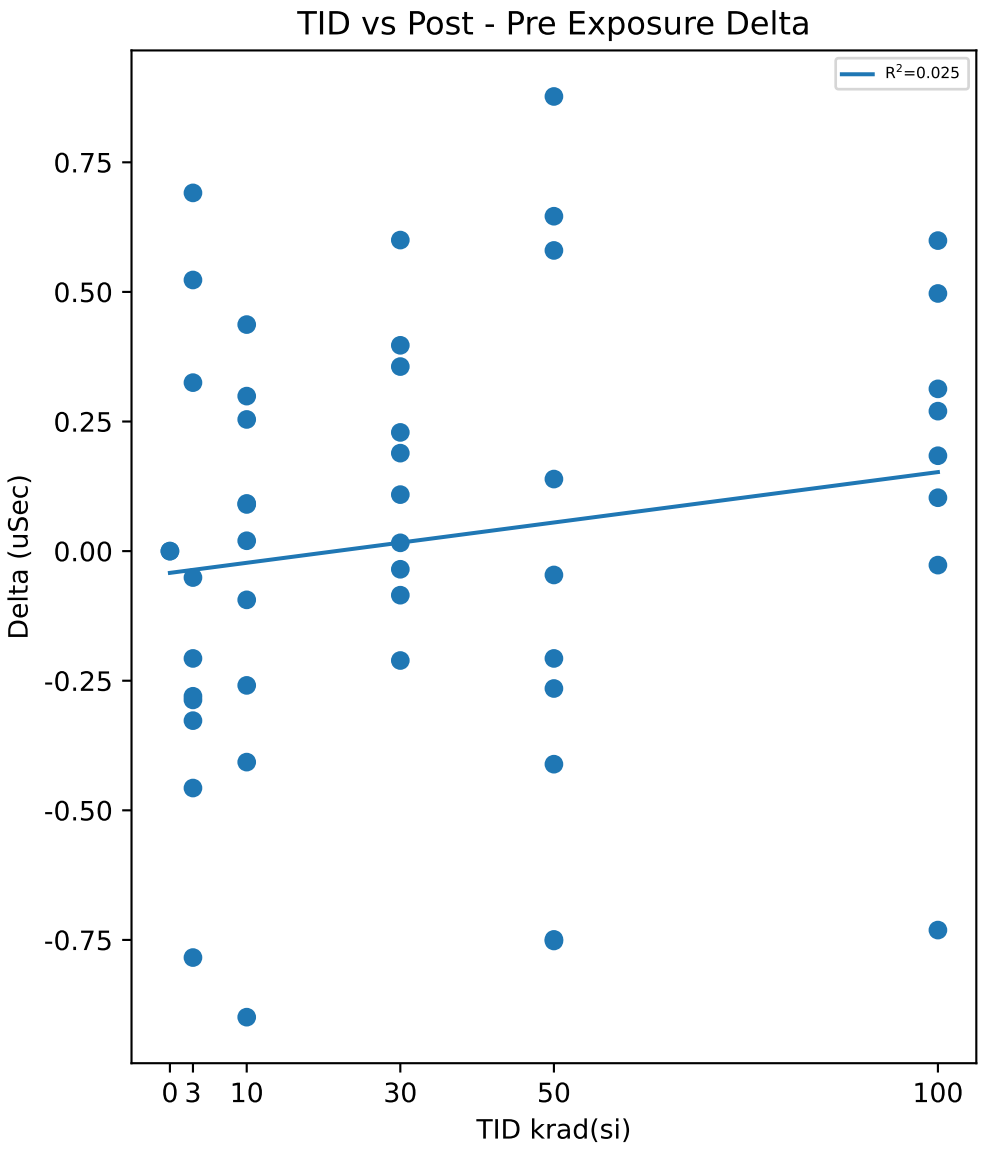


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.145	3.299	3.453	0.21779	3.145	3.299	3.453	0.21779	0	0	0	0
3	2.777	3.3432	3.739	0.33053	2.851	3.2654	3.642	0.26622	-0.888	-0.0778	0.615	0.51579
10	2.777	3.3432	3.739	0.33053	2.84	3.3359	3.653	0.26339	-0.899	-0.0073	0.596	0.45956
30	2.777	3.3432	3.739	0.33053	2.781	3.2555	3.712	0.39753	-0.819	-0.0877	0.796	0.55711
50	2.777	3.3432	3.739	0.33053	2.897	3.1671	3.582	0.27259	-0.718	-0.1761	0.719	0.47726
100	3.051	3.3428	3.679	0.24882	2.787	3.2058	3.67	0.2913	-0.892	-0.137	0.609	0.4736

Device Test: 5.24 tpd_EN1_SU/EN1/7/3/0/0/0/@TPD_EN





Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

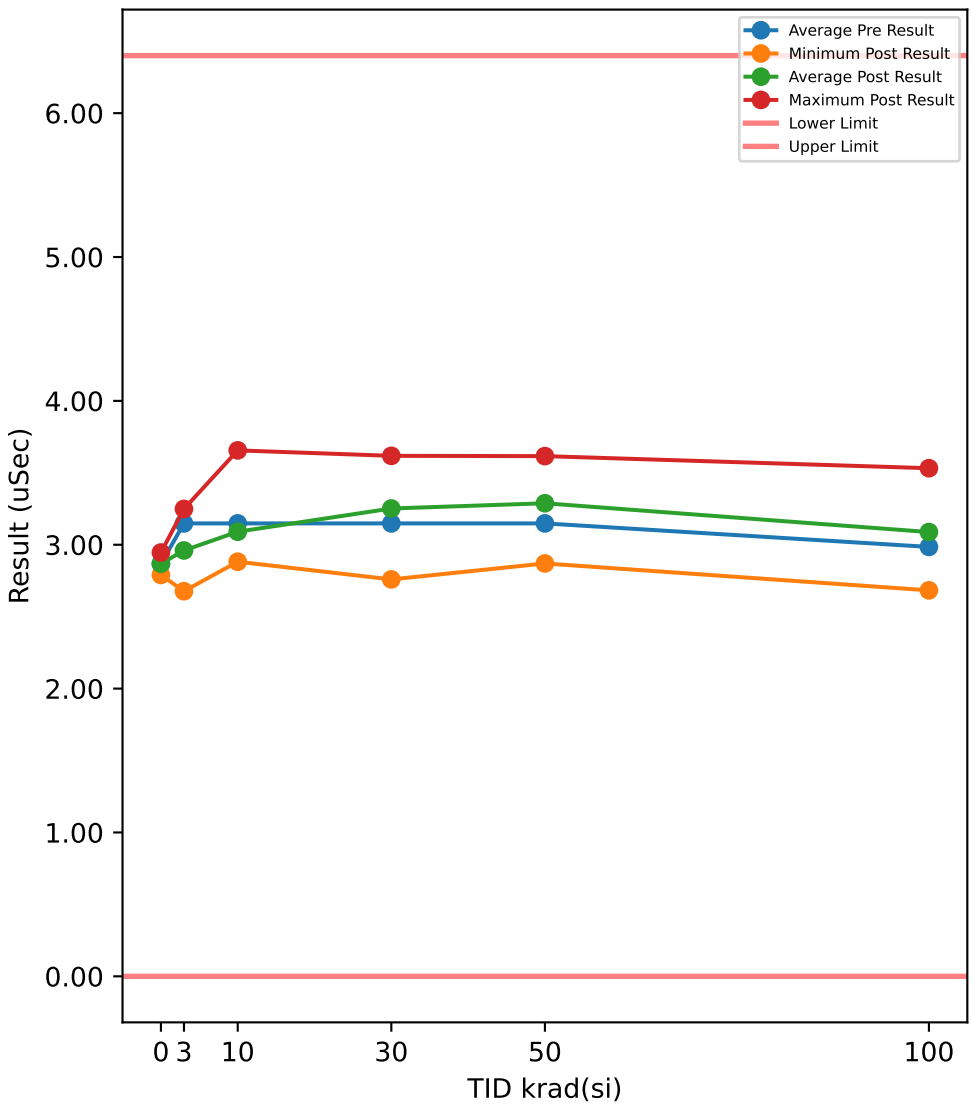
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.592	2.592	0
7	0	Correlation	3.494	3.494	0
16	3	LDR-Biased	3.038	2.581	-0.457
18	3	LDR-Biased	2.848	3.371	0.523
19	3	LDR-Biased	2.991	2.704	-0.287
20	3	LDR-Biased	2.471	3.162	0.691
21	3	LDR-Biased	3.41	3.203	-0.207
22	3	LDR-Unbiased	2.717	2.666	-0.051
23	3	LDR-Unbiased	2.802	3.127	0.325
25	3	LDR-Unbiased	3.35	2.566	-0.784
26	3	LDR-Unbiased	3.487	3.16	-0.327
27	3	LDR-Unbiased	2.821	2.541	-0.28
46	10	LDR-Biased	3.038	3.13	0.092
48	10	LDR-Biased	2.848	2.589	-0.259
49	10	LDR-Biased	2.991	2.584	-0.407
50	10	LDR-Biased	2.471	2.77	0.299
51	10	LDR-Biased	3.41	3.316	-0.094
52	10	LDR-Unbiased	2.717	2.807	0.09
53	10	LDR-Unbiased	2.802	3.056	0.254
55	10	LDR-Unbiased	3.35	3.37	0.02
56	10	LDR-Unbiased	3.487	2.588	-0.899
57	10	LDR-Unbiased	2.821	3.258	0.437
76	30	LDR-Biased	3.038	3.147	0.109
78	30	LDR-Biased	2.848	3.077	0.229
79	30	LDR-Biased	2.991	3.007	0.016
80	30	LDR-Biased	2.471	2.66	0.189
81	30	LDR-Biased	3.41	3.199	-0.211
82	30	LDR-Unbiased	2.717	3.073	0.356
83	30	LDR-Unbiased	2.802	3.402	0.6
84	30	LDR-Unbiased	2.821	3.218	0.397
85	30	LDR-Unbiased	3.35	3.315	-0.035
86	30	LDR-Unbiased	3.487	3.402	-0.085
87	100	LDR-Biased	2.544	3.143	0.599
88	100	LDR-Biased	3.061	3.331	0.27
90	100	LDR-Biased	3.49	2.759	-0.731
91	100	LDR-Unbiased	2.919	3.232	0.313
93	100	LDR-Unbiased	3.239	3.212	-0.027
94	100	LDR-Unbiased	2.602	3.099	0.497
95	100	LDR-Unbiased	3.087	3.19	0.103
96	100	LDR-Unbiased	2.984	3.168	0.184
106	50	LDR-Biased	3.038	2.992	-0.046
108	50	LDR-Biased	2.848	3.428	0.58
109	50	LDR-Biased	2.991	3.13	0.139
110	50	LDR-Biased	2.471	3.348	0.877
111	50	LDR-Biased	3.41	2.999	-0.411
112	50	LDR-Unbiased	2.717	3.363	0.646
113	50	LDR-Unbiased	2.802	2.595	-0.207
115	50	LDR-Unbiased	3.35	2.601	-0.749
116	50	LDR-Unbiased	3.487	2.735	-0.752
117	50	LDR-Unbiased	2.821	2.556	-0.265

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.592	3.043	3.494	0.63781	2.592	3.043	3.494	0.63781	0	0	0	0
3	2.471	2.9935	3.487	0.33051	2.541	2.9081	3.371	0.32251	-0.784	-0.0854	0.691	0.46192
10	2.471	2.9935	3.487	0.33051	2.584	2.9468	3.37	0.31569	-0.899	-0.0467	0.437	0.39297
30	2.471	2.9935	3.487	0.33051	2.66	3.15	3.402	0.21936	-0.211	0.1565	0.6	0.24781
50	2.471	2.9935	3.487	0.33051	2.556	2.9747	3.428	0.33948	-0.752	-0.0188	0.877	0.57245
100	2.544	2.9908	3.49	0.3119	2.759	3.1418	3.331	0.16913	-0.731	0.151	0.599	0.4095

Device Test: 5.25 tpd_EN2_SU/EN2/7/3/0/0/0/@TPD_EN

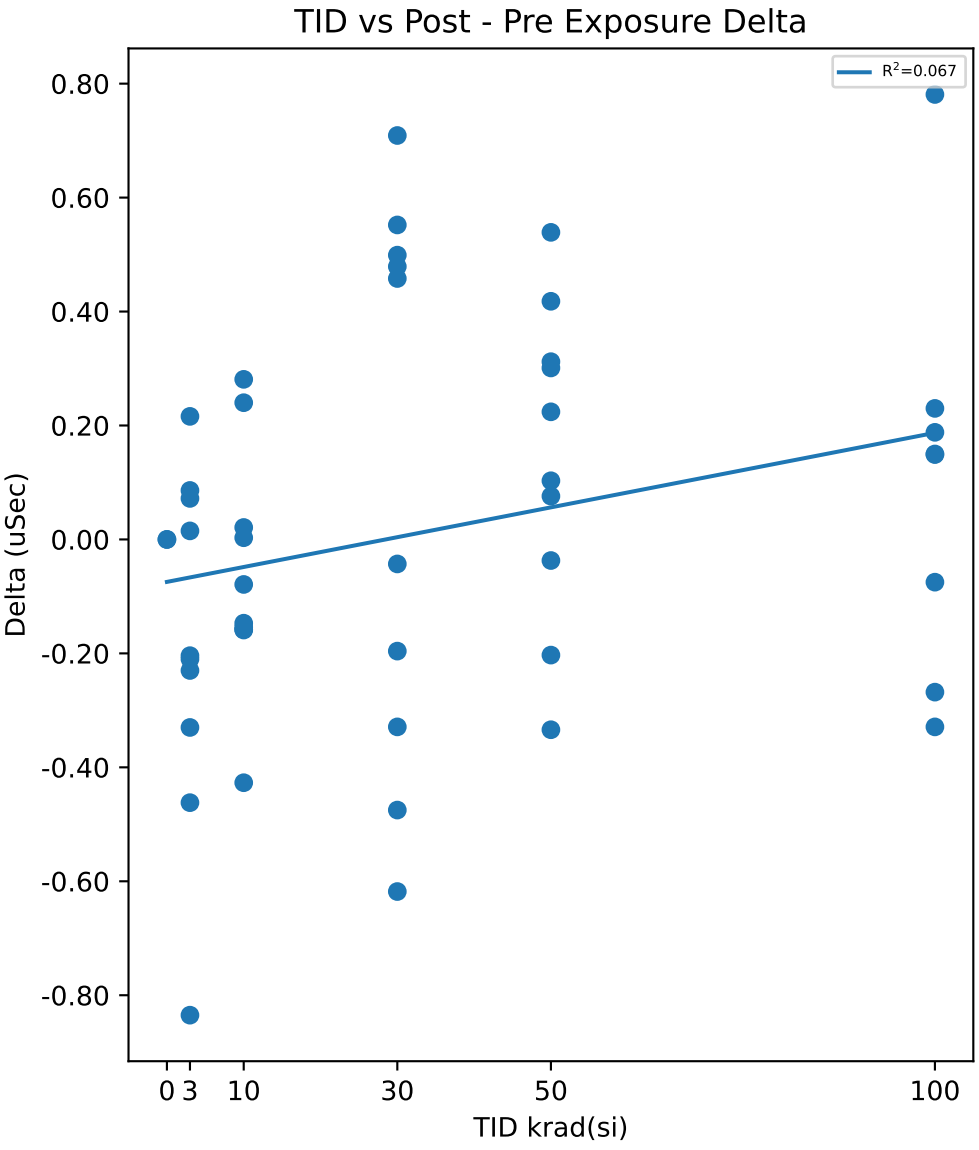
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.946	2.946	0
7	0	Correlation	2.79	2.79	0
16	3	LDR-Biased	3.653	2.818	-0.835
18	3	LDR-Biased	3.234	3.249	0.015
19	3	LDR-Biased	2.794	2.88	0.086
20	3	LDR-Biased	3.561	3.231	-0.33
21	3	LDR-Biased	3.041	2.811	-0.23
22	3	LDR-Unbiased	3.139	2.677	-0.462
23	3	LDR-Unbiased	3.098	2.888	-0.21
25	3	LDR-Unbiased	2.947	3.019	0.072
26	3	LDR-Unbiased	2.851	3.067	0.216
27	3	LDR-Unbiased	3.166	2.962	-0.204
46	10	LDR-Biased	3.653	3.656	0.003
48	10	LDR-Biased	3.234	3.155	-0.079
49	10	LDR-Biased	2.794	3.034	0.24
50	10	LDR-Biased	3.561	3.134	-0.427
51	10	LDR-Biased	3.041	2.882	-0.159
52	10	LDR-Unbiased	3.139	2.981	-0.158
53	10	LDR-Unbiased	3.098	2.951	-0.147
55	10	LDR-Unbiased	2.947	2.968	0.021
56	10	LDR-Unbiased	2.851	3.132	0.281
57	10	LDR-Unbiased	3.166	3.012	-0.154
76	30	LDR-Biased	3.653	3.035	-0.618
78	30	LDR-Biased	3.234	2.759	-0.475
79	30	LDR-Biased	2.794	3.252	0.458
80	30	LDR-Biased	3.561	3.232	-0.329
81	30	LDR-Biased	3.041	3.54	0.499
82	30	LDR-Unbiased	3.139	3.618	0.479
83	30	LDR-Unbiased	3.098	2.902	-0.196
84	30	LDR-Unbiased	3.166	3.123	-0.043
85	30	LDR-Unbiased	2.947	3.499	0.552
86	30	LDR-Unbiased	2.851	3.56	0.709
87	100	LDR-Biased	2.978	2.71	-0.268
88	100	LDR-Biased	2.688	2.918	0.23
90	100	LDR-Biased	2.758	2.683	-0.075
91	100	LDR-Unbiased	2.701	2.889	0.188
93	100	LDR-Unbiased	2.942	3.092	0.15
94	100	LDR-Unbiased	3.681	3.352	-0.329
95	100	LDR-Unbiased	2.749	3.53	0.781
96	100	LDR-Unbiased	3.383	3.532	0.149
106	50	LDR-Biased	3.653	3.616	-0.037
108	50	LDR-Biased	3.234	3.337	0.103
109	50	LDR-Biased	2.794	2.87	0.076
110	50	LDR-Biased	3.561	3.227	-0.334
111	50	LDR-Biased	3.041	3.58	0.539
112	50	LDR-Unbiased	3.139	3.557	0.418
113	50	LDR-Unbiased	3.098	3.41	0.312
115	50	LDR-Unbiased	2.947	3.248	0.301
116	50	LDR-Unbiased	2.851	3.075	0.224
117	50	LDR-Unbiased	3.166	2.963	-0.203

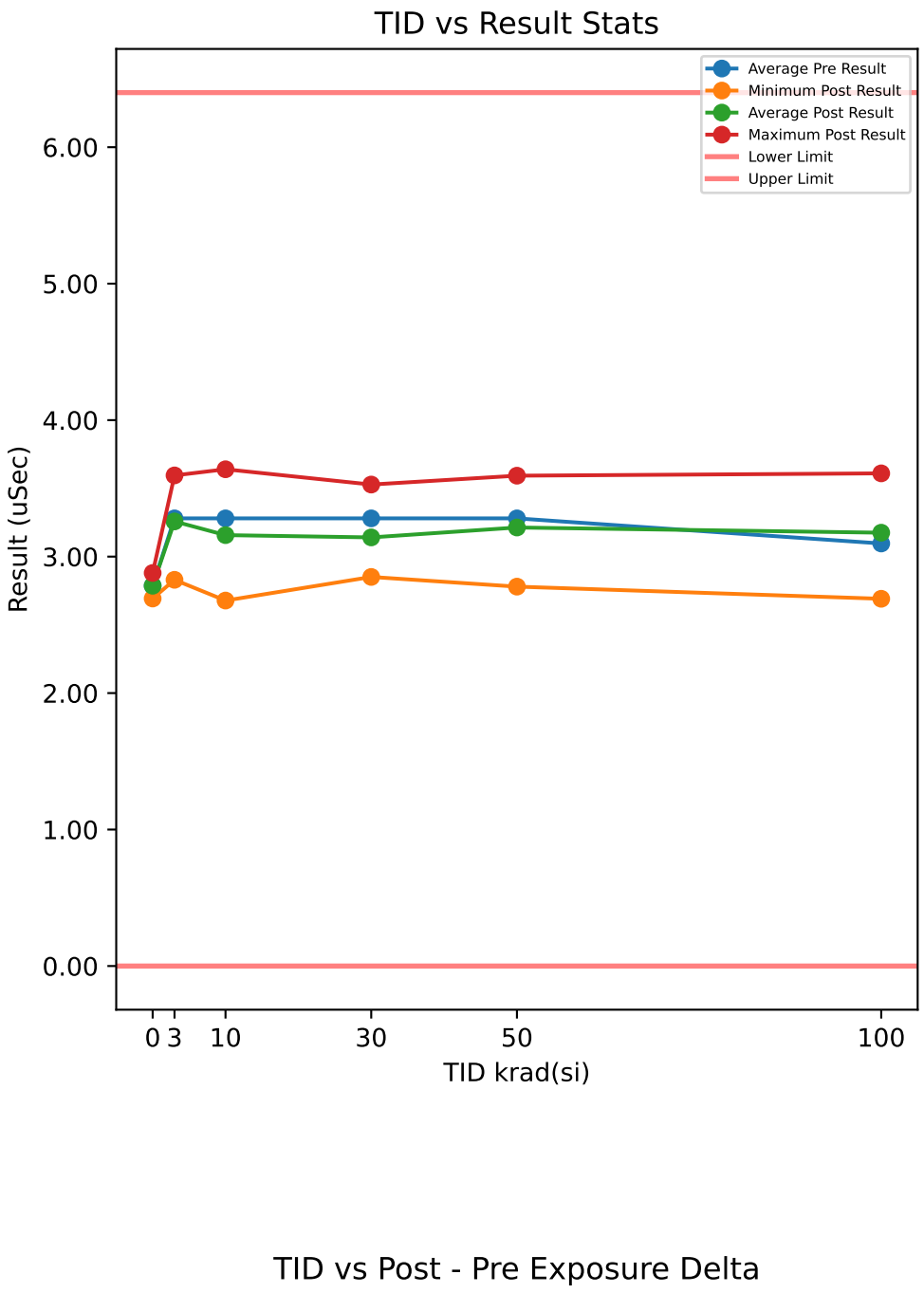
TID vs Post - Pre Exposure Delta

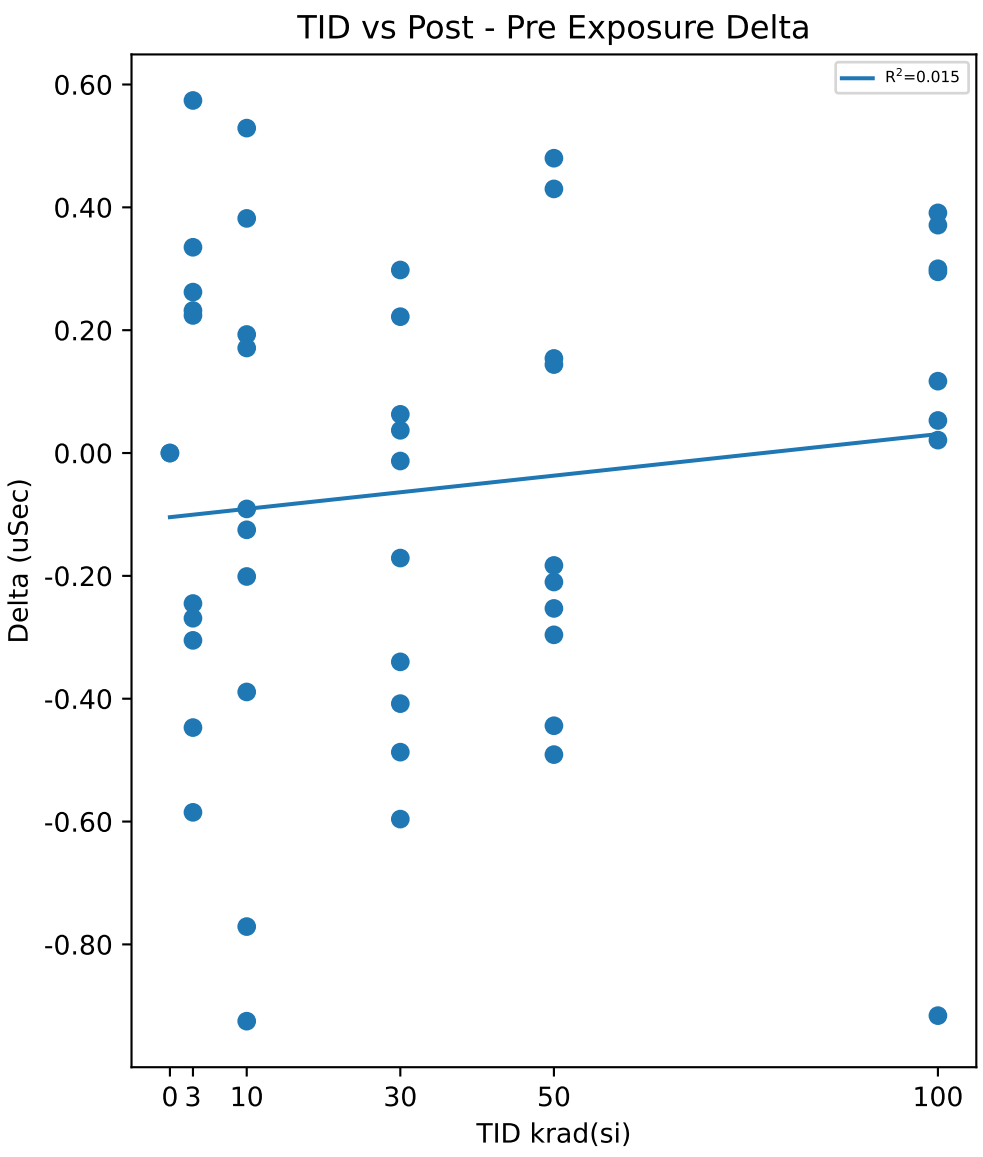


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.79	2.868	2.946	0.11031	2.79	2.868	2.946	0.11031	0	0	0	0
3	2.794	3.1484	3.653	0.27914	2.677	2.9602	3.249	0.18437	-0.835	-0.1882	0.216	0.30974
10	2.794	3.1484	3.653	0.27914	2.882	3.0905	3.656	0.21778	-0.427	-0.0579	0.281	0.20753
30	2.794	3.1484	3.653	0.27914	2.759	3.252	3.618	0.2986	-0.618	0.1036	0.709	0.48812
50	2.794	3.1484	3.653	0.27914	2.87	3.2883	3.616	0.26109	-0.334	0.1399	0.539	0.2745
100	2.688	2.985	3.681	0.36269	2.683	3.0882	3.532	0.34592	-0.329	0.10325	0.781	0.34709

Device Test: 5.26 tpd_EN3_SU/EN3/7/3/0/0/0/@TPD_EN





Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

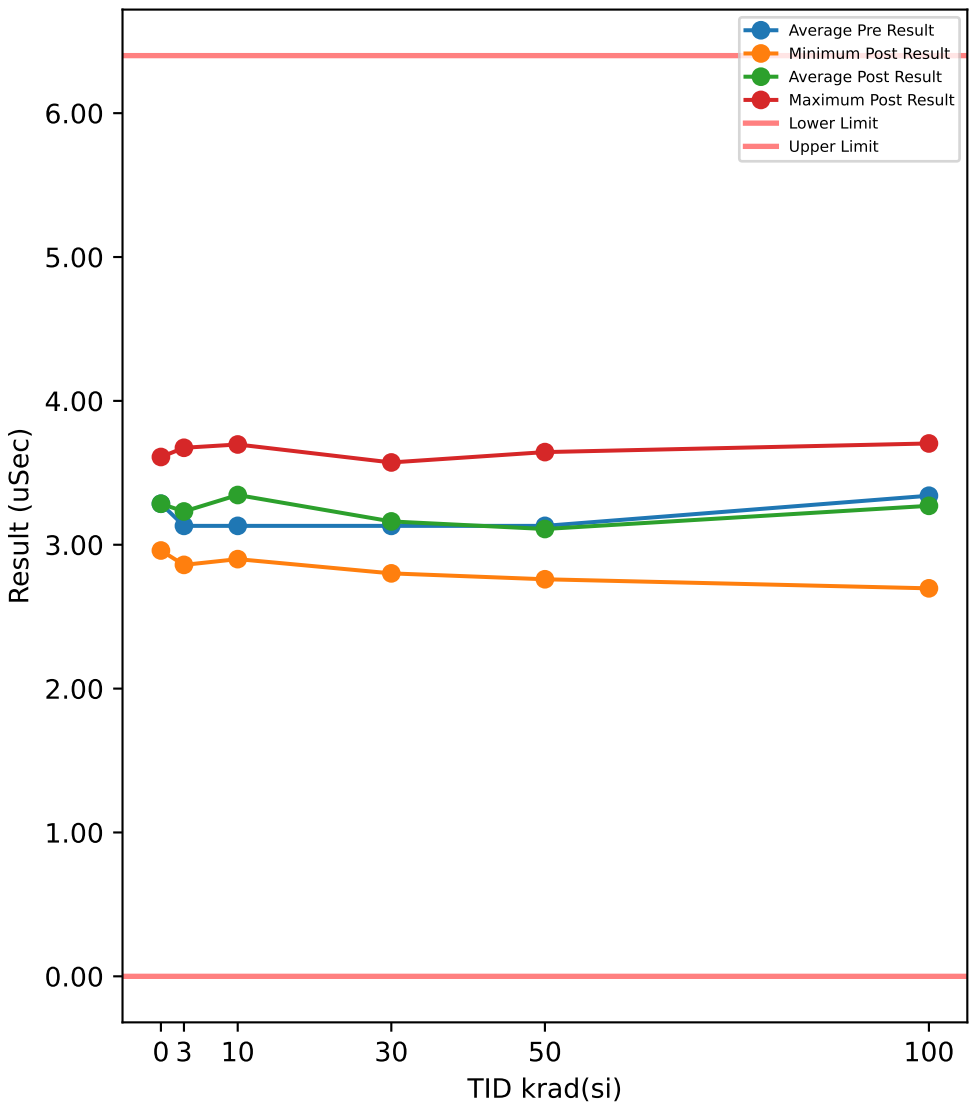
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.693	2.693	0
7	0	Correlation	2.88	2.88	0
16	3	LDR-Biased	3.291	2.986	-0.305
18	3	LDR-Biased	3.449	3.18	-0.269
19	3	LDR-Biased	2.963	3.195	0.232
20	3	LDR-Biased	3.447	3.202	-0.245
21	3	LDR-Biased	3.241	3.576	0.335
22	3	LDR-Unbiased	3.086	3.348	0.262
23	3	LDR-Unbiased	3.699	3.114	-0.585
25	3	LDR-Unbiased	3.277	2.83	-0.447
26	3	LDR-Unbiased	3.021	3.595	0.574
27	3	LDR-Unbiased	3.328	3.552	0.224
46	10	LDR-Biased	3.291	2.902	-0.389
48	10	LDR-Biased	3.449	2.678	-0.771
49	10	LDR-Biased	2.963	3.345	0.382
50	10	LDR-Biased	3.447	3.64	0.193
51	10	LDR-Biased	3.241	3.04	-0.201
52	10	LDR-Unbiased	3.086	2.995	-0.091
53	10	LDR-Unbiased	3.699	2.774	-0.925
55	10	LDR-Unbiased	3.277	3.152	-0.125
56	10	LDR-Unbiased	3.021	3.55	0.529
57	10	LDR-Unbiased	3.328	3.499	0.171
76	30	LDR-Biased	3.291	2.883	-0.408
78	30	LDR-Biased	3.449	2.962	-0.487
79	30	LDR-Biased	2.963	3.185	0.222
80	30	LDR-Biased	3.447	2.851	-0.596
81	30	LDR-Biased	3.241	2.901	-0.34
82	30	LDR-Unbiased	3.086	3.073	-0.013
83	30	LDR-Unbiased	3.699	3.528	-0.171
84	30	LDR-Unbiased	3.328	3.391	0.063
85	30	LDR-Unbiased	3.277	3.314	0.037
86	30	LDR-Unbiased	3.021	3.319	0.298
87	100	LDR-Biased	3.607	2.691	-0.916
88	100	LDR-Biased	2.872	2.989	0.117
90	100	LDR-Biased	3.093	3.393	0.3
91	100	LDR-Unbiased	3.127	3.18	0.053
93	100	LDR-Unbiased	2.727	3.022	0.295
94	100	LDR-Unbiased	2.928	3.319	0.391
95	100	LDR-Unbiased	2.827	3.198	0.371
96	100	LDR-Unbiased	3.589	3.61	0.021
106	50	LDR-Biased	3.291	3.445	0.154
108	50	LDR-Biased	3.449	3.593	0.144
109	50	LDR-Biased	2.963	2.78	-0.183
110	50	LDR-Biased	3.447	3.003	-0.444
111	50	LDR-Biased	3.241	3.031	-0.21
112	50	LDR-Unbiased	3.086	3.566	0.48
113	50	LDR-Unbiased	3.699	3.446	-0.253
115	50	LDR-Unbiased	3.277	2.981	-0.296
116	50	LDR-Unbiased	3.021	3.451	0.43
117	50	LDR-Unbiased	3.328	2.837	-0.491

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.693	2.7865	2.88	0.13223	2.693	2.7865	2.88	0.13223	0	0	0	0
3	2.963	3.2802	3.699	0.2214	2.83	3.2578	3.595	0.25827	-0.585	-0.0224	0.574	0.39112
10	2.963	3.2802	3.699	0.2214	2.678	3.1575	3.64	0.33684	-0.925	-0.1227	0.529	0.47228
30	2.963	3.2802	3.699	0.2214	2.851	3.1407	3.528	0.24054	-0.596	-0.1395	0.298	0.3078
50	2.963	3.2802	3.699	0.2214	2.78	3.2133	3.593	0.31512	-0.491	-0.0669	0.48	0.3468
100	2.727	3.0962	3.607	0.33638	2.691	3.1753	3.61	0.28038	-0.916	0.079	0.391	0.42655

Device Test: 5.27 tpd_EN4_SU/EN4/7/3/0/0/0/@TPD_EN

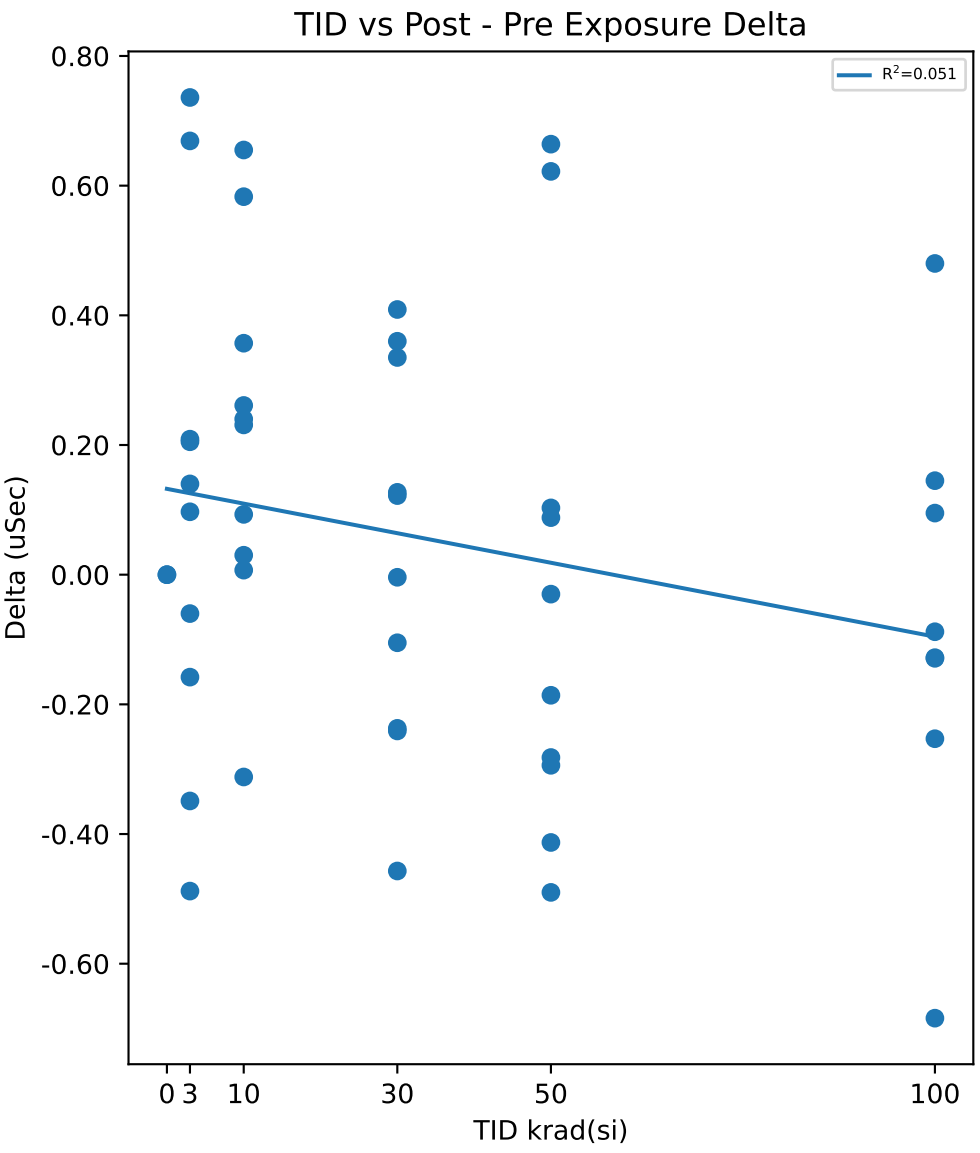
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.96	2.96	0
7	0	Correlation	3.61	3.61	0
16	3	LDR-Biased	3.559	3.499	-0.06
18	3	LDR-Biased	2.836	3.045	0.209
19	3	LDR-Biased	3.022	2.864	-0.158
20	3	LDR-Biased	3.269	2.92	-0.349
21	3	LDR-Biased	3.042	3.182	0.14
22	3	LDR-Unbiased	3.348	2.86	-0.488
23	3	LDR-Unbiased	3.005	3.674	0.669
25	3	LDR-Unbiased	3.212	3.417	0.205
26	3	LDR-Unbiased	2.826	3.562	0.736
27	3	LDR-Unbiased	3.193	3.29	0.097
46	10	LDR-Biased	3.559	3.652	0.093
48	10	LDR-Biased	2.836	3.067	0.231
49	10	LDR-Biased	3.022	3.379	0.357
50	10	LDR-Biased	3.269	3.276	0.007
51	10	LDR-Biased	3.042	3.697	0.655
52	10	LDR-Unbiased	3.348	3.588	0.24
53	10	LDR-Unbiased	3.005	3.266	0.261
55	10	LDR-Unbiased	3.212	2.9	-0.312
56	10	LDR-Unbiased	2.826	3.409	0.583
57	10	LDR-Unbiased	3.193	3.223	0.03
76	30	LDR-Biased	3.559	3.555	-0.004
78	30	LDR-Biased	2.836	3.245	0.409
79	30	LDR-Biased	3.022	3.357	0.335
80	30	LDR-Biased	3.269	3.396	0.127
81	30	LDR-Biased	3.042	2.801	-0.241
82	30	LDR-Unbiased	3.348	2.891	-0.457
83	30	LDR-Unbiased	3.005	2.9	-0.105
84	30	LDR-Unbiased	3.193	2.956	-0.237
85	30	LDR-Unbiased	3.212	3.572	0.36
86	30	LDR-Unbiased	2.826	2.948	0.122
87	100	LDR-Biased	2.969	3.449	0.48
88	100	LDR-Biased	3.713	3.029	-0.684
90	100	LDR-Biased	2.785	2.697	-0.088
91	100	LDR-Unbiased	3.609	3.704	0.095
93	100	LDR-Unbiased	3.176	3.048	-0.128
94	100	LDR-Unbiased	3.636	3.383	-0.253
95	100	LDR-Unbiased	3.487	3.632	0.145
96	100	LDR-Unbiased	3.351	3.222	-0.129
106	50	LDR-Biased	3.559	3.373	-0.186
108	50	LDR-Biased	2.836	2.806	-0.03
109	50	LDR-Biased	3.022	3.644	0.622
110	50	LDR-Biased	3.269	2.856	-0.413
111	50	LDR-Biased	3.042	2.76	-0.282
112	50	LDR-Unbiased	3.348	2.858	-0.49
113	50	LDR-Unbiased	3.005	3.108	0.103
115	50	LDR-Unbiased	3.212	3.3	0.088
116	50	LDR-Unbiased	2.826	3.49	0.664
117	50	LDR-Unbiased	3.193	2.899	-0.294

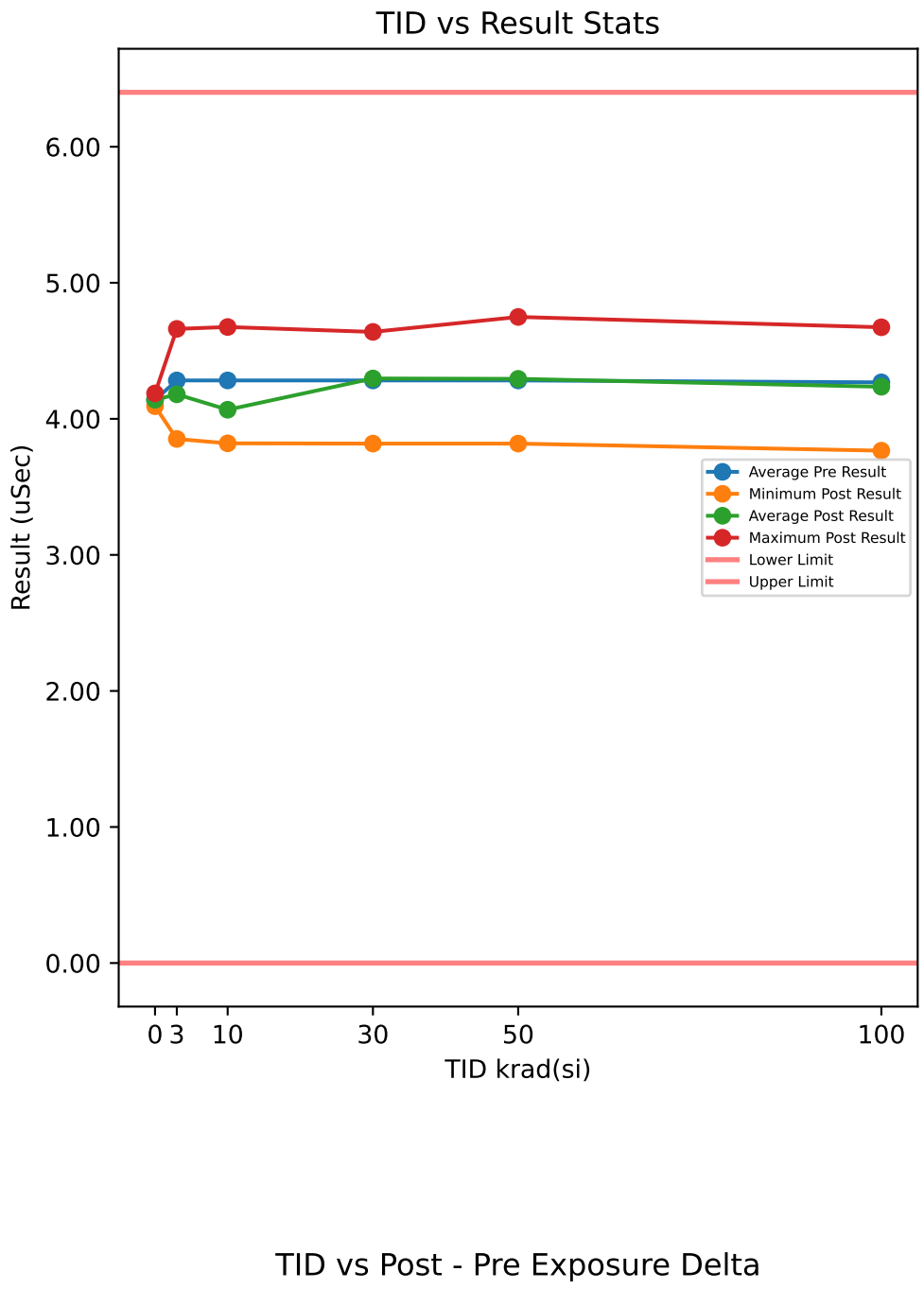
TID vs Post - Pre Exposure Delta

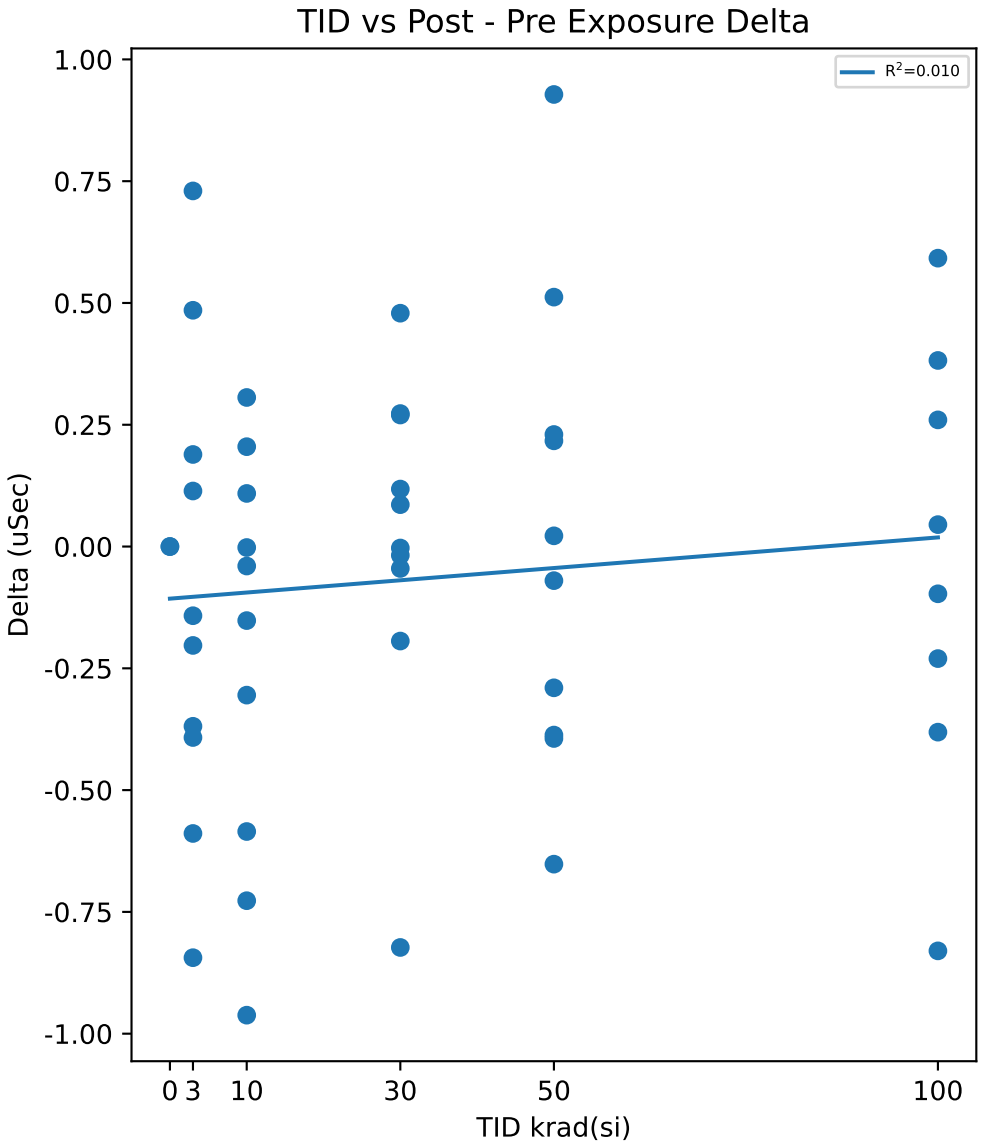


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.96	3.285	3.61	0.45962	2.96	3.285	3.61	0.45962	0	0	0	0
3	2.826	3.1312	3.559	0.22984	2.86	3.2313	3.674	0.30217	-0.488	0.1001	0.736	0.39332
10	2.826	3.1312	3.559	0.22984	2.9	3.3457	3.697	0.25466	-0.312	0.2145	0.655	0.28329
30	2.826	3.1312	3.559	0.22984	2.801	3.1621	3.572	0.29493	-0.457	0.0309	0.409	0.29149
50	2.826	3.1312	3.559	0.22984	2.76	3.1094	3.644	0.32012	-0.49	-0.0218	0.664	0.40187
100	2.785	3.3407	3.713	0.33666	2.697	3.2705	3.704	0.33853	-0.684	-0.07025	0.48	0.33671

Device Test: 5.28 tpd_SEQ_SU/SEQ_DONE/7/3/0/0/0/@TPD_SEQ_DONE





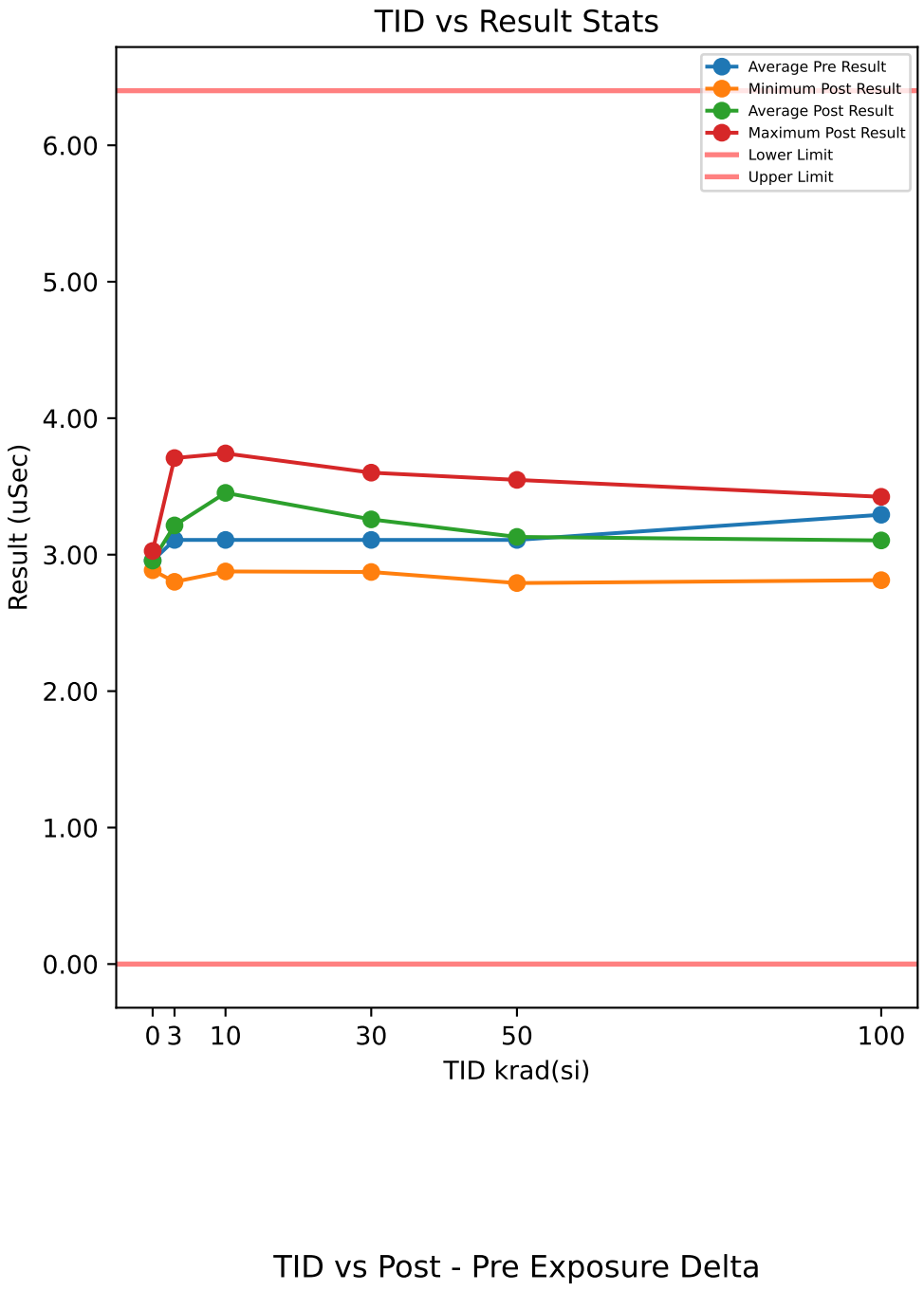
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	4.187	4.187	0
7	0	Correlation	4.093	4.093	0
16	3	LDR-Biased	3.931	4.661	0.73
18	3	LDR-Biased	3.994	3.852	-0.142
19	3	LDR-Biased	4.782	3.938	-0.844
20	3	LDR-Biased	4.369	4	-0.369
21	3	LDR-Biased	4.47	4.659	0.189
22	3	LDR-Unbiased	4.371	4.485	0.114
23	3	LDR-Unbiased	4.643	4.054	-0.589
25	3	LDR-Unbiased	4.272	3.88	-0.392
26	3	LDR-Unbiased	3.821	4.306	0.485
27	3	LDR-Unbiased	4.17	3.967	-0.203
46	10	LDR-Biased	3.931	3.891	-0.04
48	10	LDR-Biased	3.994	3.842	-0.152
49	10	LDR-Biased	4.782	3.82	-0.962
50	10	LDR-Biased	4.369	4.675	0.306
51	10	LDR-Biased	4.47	3.885	-0.585
52	10	LDR-Unbiased	4.371	4.369	-0.002
53	10	LDR-Unbiased	4.643	3.916	-0.727
55	10	LDR-Unbiased	4.272	4.381	0.109
56	10	LDR-Unbiased	3.821	4.026	0.205
57	10	LDR-Unbiased	4.17	3.865	-0.305
76	30	LDR-Biased	3.931	4.41	0.479
78	30	LDR-Biased	3.994	3.949	-0.045
79	30	LDR-Biased	4.782	3.959	-0.823
80	30	LDR-Biased	4.369	4.639	0.27
81	30	LDR-Biased	4.47	4.556	0.086
82	30	LDR-Unbiased	4.371	4.353	-0.018
83	30	LDR-Unbiased	4.643	4.449	-0.194
84	30	LDR-Unbiased	4.17	4.443	0.273
85	30	LDR-Unbiased	4.272	4.39	0.118
86	30	LDR-Unbiased	3.821	3.818	-0.003
87	100	LDR-Biased	3.894	4.486	0.592
88	100	LDR-Biased	3.996	3.766	-0.23
90	100	LDR-Biased	3.815	3.86	0.045
91	100	LDR-Unbiased	4.27	4.53	0.26
93	100	LDR-Unbiased	4.643	4.546	-0.097
94	100	LDR-Unbiased	4.739	3.909	-0.83
95	100	LDR-Unbiased	4.498	4.117	-0.381
96	100	LDR-Unbiased	4.291	4.673	0.382
106	50	LDR-Biased	3.931	4.443	0.512
108	50	LDR-Biased	3.994	4.211	0.217
109	50	LDR-Biased	4.782	4.388	-0.394
110	50	LDR-Biased	4.369	4.079	-0.29
111	50	LDR-Biased	4.47	3.818	-0.652
112	50	LDR-Unbiased	4.371	3.984	-0.387
113	50	LDR-Unbiased	4.643	4.573	-0.07
115	50	LDR-Unbiased	4.272	4.294	0.022
116	50	LDR-Unbiased	3.821	4.749	0.928
117	50	LDR-Unbiased	4.17	4.4	0.23

Test Statistics (uSec)

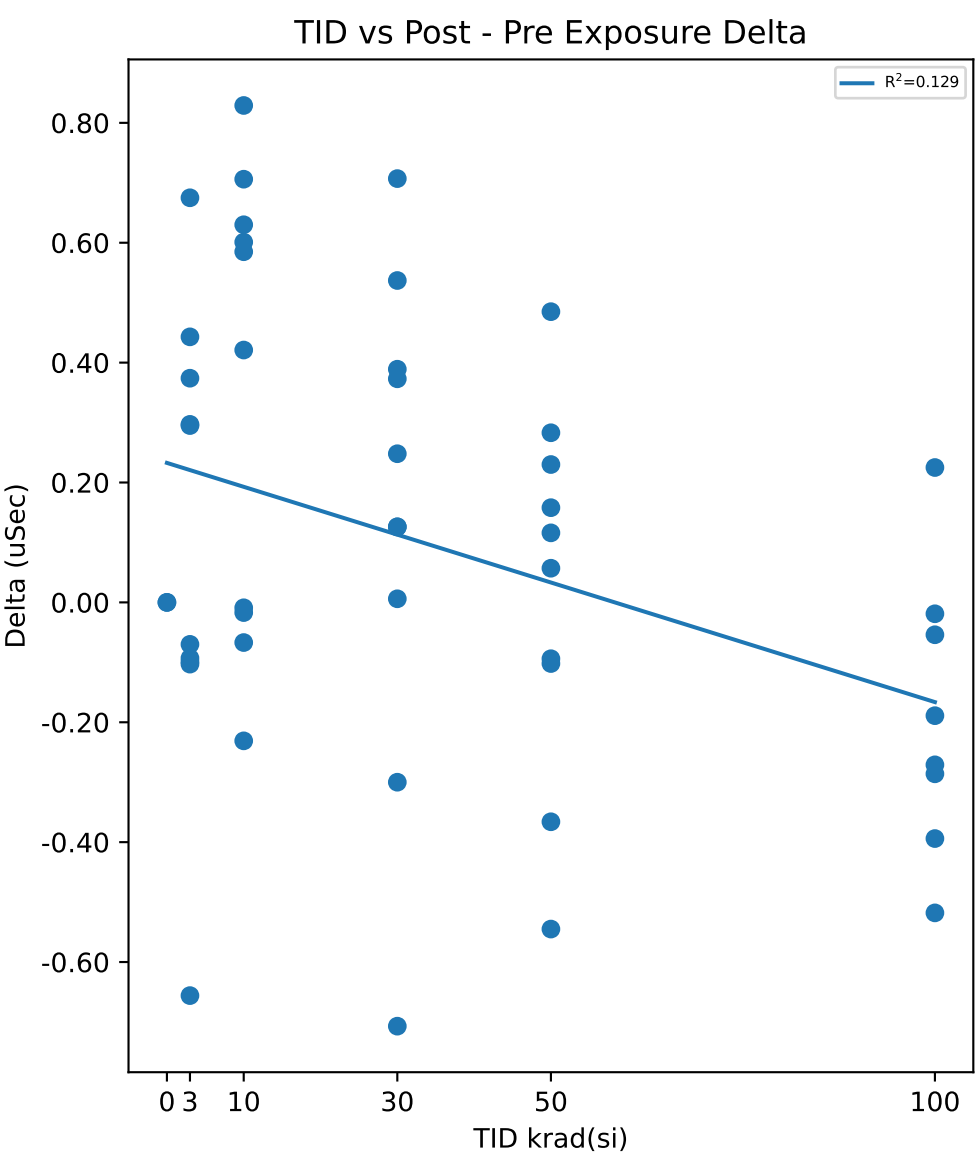
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.093	4.14	4.187	0.066468	4.093	4.14	4.187	0.066468	0	0	0	0
3	3.821	4.2823	4.782	0.30956	3.852	4.1802	4.661	0.31963	-0.844	-0.1021	0.73	0.48569
10	3.821	4.2823	4.782	0.30956	3.82	4.067	4.675	0.29823	-0.962	-0.2153	0.306	0.42136
30	3.821	4.2823	4.782	0.30956	3.818	4.2966	4.639	0.28241	-0.823	0.0143	0.479	0.35174
50	3.821	4.2823	4.782	0.30956	3.818	4.2939	4.749	0.27947	-0.652	0.0116	0.928	0.47628
100	3.815	4.2683	4.739	0.34537	3.766	4.2359	4.673	0.36241	-0.83	-0.032375	0.592	0.45576

Device Test: 5.29 tpd_PWRGD_SU/PWRGD/7/3/0/0/0/@TPD_PWRGD



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

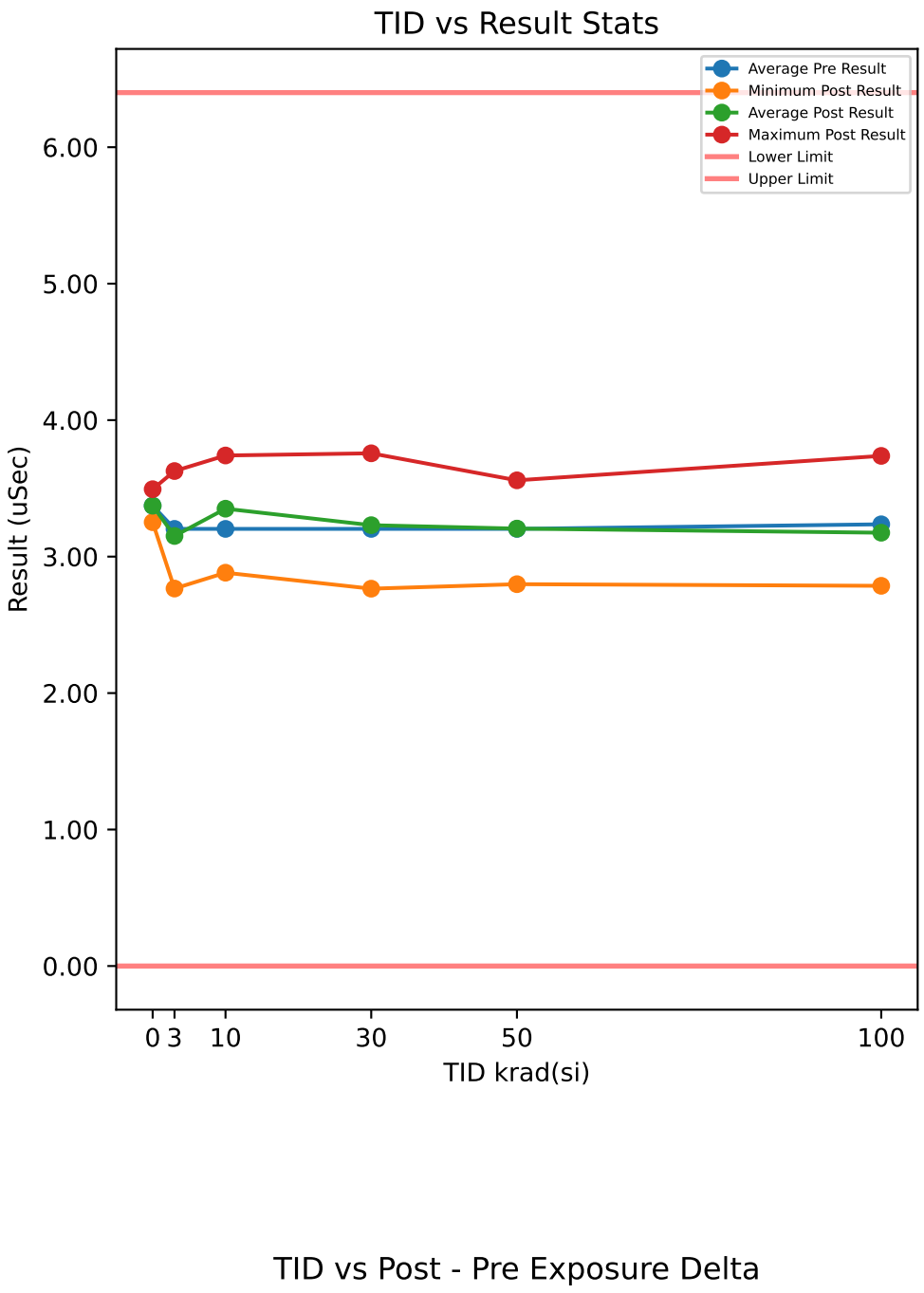
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.027	3.027	0
7	0	Correlation	2.886	2.886	0
16	3	LDR-Biased	2.976	3.35	0.374
18	3	LDR-Biased	3.351	3.252	-0.099
19	3	LDR-Biased	3.006	3.303	0.297
20	3	LDR-Biased	2.941	2.838	-0.103
21	3	LDR-Biased	3.265	3.708	0.443
22	3	LDR-Unbiased	2.747	3.422	0.675
23	3	LDR-Unbiased	3.719	3.063	-0.656
25	3	LDR-Unbiased	2.894	2.801	-0.093
26	3	LDR-Unbiased	3.268	3.563	0.295
27	3	LDR-Unbiased	2.913	2.843	-0.07
46	10	LDR-Biased	2.976	3.577	0.601
48	10	LDR-Biased	3.351	3.342	-0.009
49	10	LDR-Biased	3.006	3.636	0.63
50	10	LDR-Biased	2.941	3.526	0.585
51	10	LDR-Biased	3.265	3.686	0.421
52	10	LDR-Unbiased	2.747	3.453	0.706
53	10	LDR-Unbiased	3.719	3.488	-0.231
55	10	LDR-Unbiased	2.894	2.877	-0.017
56	10	LDR-Unbiased	3.268	3.201	-0.067
57	10	LDR-Unbiased	2.913	3.742	0.829
76	30	LDR-Biased	2.976	3.365	0.389
78	30	LDR-Biased	3.351	3.599	0.248
79	30	LDR-Biased	3.006	3.543	0.537
80	30	LDR-Biased	2.941	3.314	0.373
81	30	LDR-Biased	3.265	2.965	-0.3
82	30	LDR-Unbiased	2.747	2.873	0.126
83	30	LDR-Unbiased	3.719	3.012	-0.707
84	30	LDR-Unbiased	2.913	3.039	0.126
85	30	LDR-Unbiased	2.894	3.601	0.707
86	30	LDR-Unbiased	3.268	3.274	0.006
87	100	LDR-Biased	3.397	3.378	-0.019
88	100	LDR-Biased	3.381	3.095	-0.286
90	100	LDR-Biased	3.695	3.424	-0.271
91	100	LDR-Unbiased	3.331	2.813	-0.518
93	100	LDR-Unbiased	2.833	3.058	0.225
94	100	LDR-Unbiased	2.941	2.887	-0.054
95	100	LDR-Unbiased	3.077	2.888	-0.189
96	100	LDR-Unbiased	3.686	3.292	-0.394
106	50	LDR-Biased	2.976	3.033	0.057
108	50	LDR-Biased	3.351	2.985	-0.366
109	50	LDR-Biased	3.006	2.912	-0.094
110	50	LDR-Biased	2.941	3.057	0.116
111	50	LDR-Biased	3.265	3.548	0.283
112	50	LDR-Unbiased	2.747	3.232	0.485
113	50	LDR-Unbiased	3.719	3.174	-0.545
115	50	LDR-Unbiased	2.894	2.792	-0.102
116	50	LDR-Unbiased	3.268	3.498	0.23
117	50	LDR-Unbiased	2.913	3.071	0.158

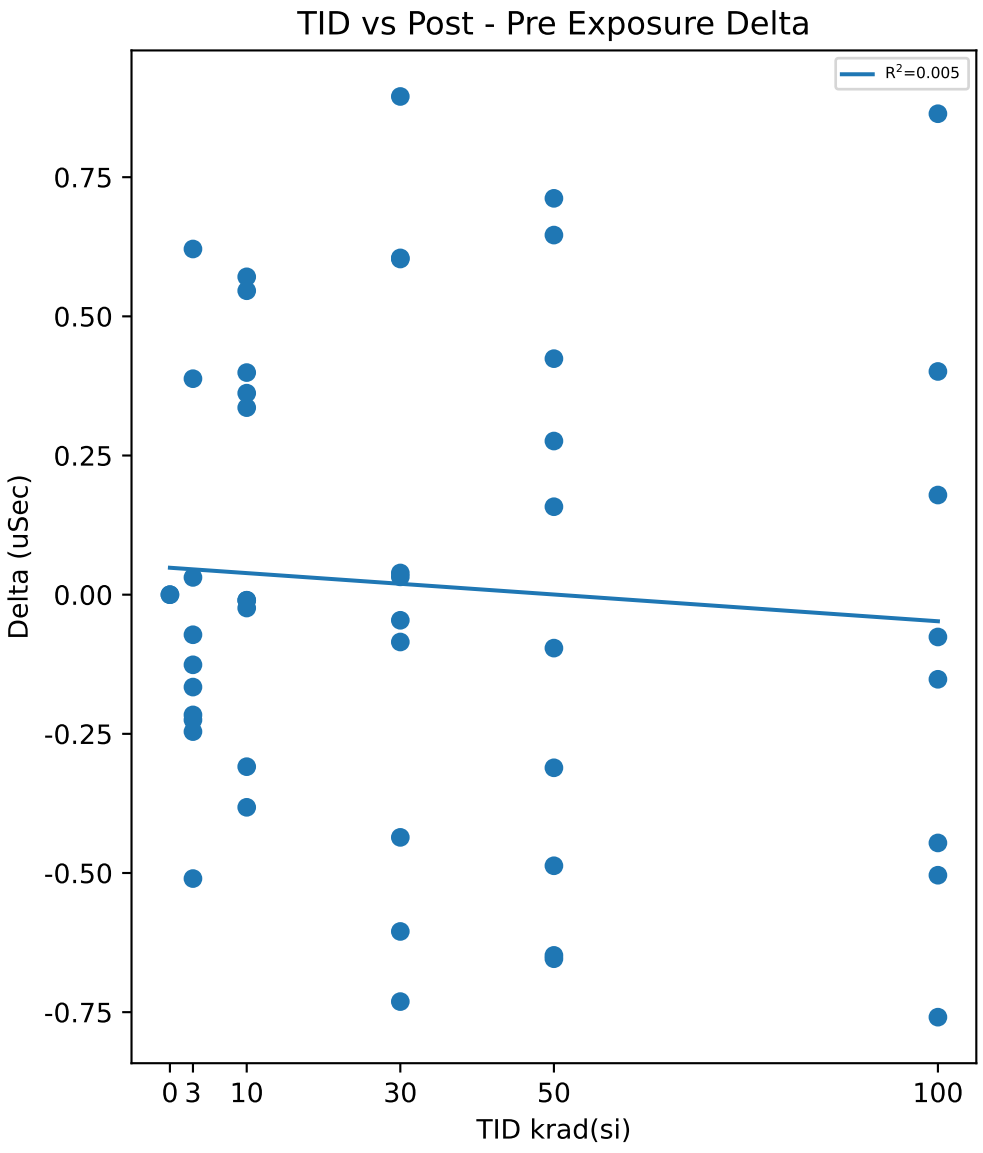


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.886	2.9565	3.027	0.099702	2.886	2.9565	3.027	0.099702	0	0	0	0
3	2.747	3.108	3.719	0.28915	2.801	3.2143	3.708	0.31787	-0.656	0.1063	0.675	0.38272
10	2.747	3.108	3.719	0.28915	2.877	3.4528	3.742	0.25838	-0.231	0.3448	0.829	0.38479
30	2.747	3.108	3.719	0.28915	2.873	3.2585	3.601	0.27336	-0.707	0.1505	0.707	0.41302
50	2.747	3.108	3.719	0.28915	2.792	3.1302	3.548	0.24118	-0.545	0.0222	0.485	0.30825
100	2.833	3.2926	3.695	0.32032	2.813	3.1044	3.424	0.23708	-0.518	-0.18825	0.225	0.2345

Device Test: 5.3 tpd_EN4_SU/EN4/1.6/3/0/0/0/@TPD_EN





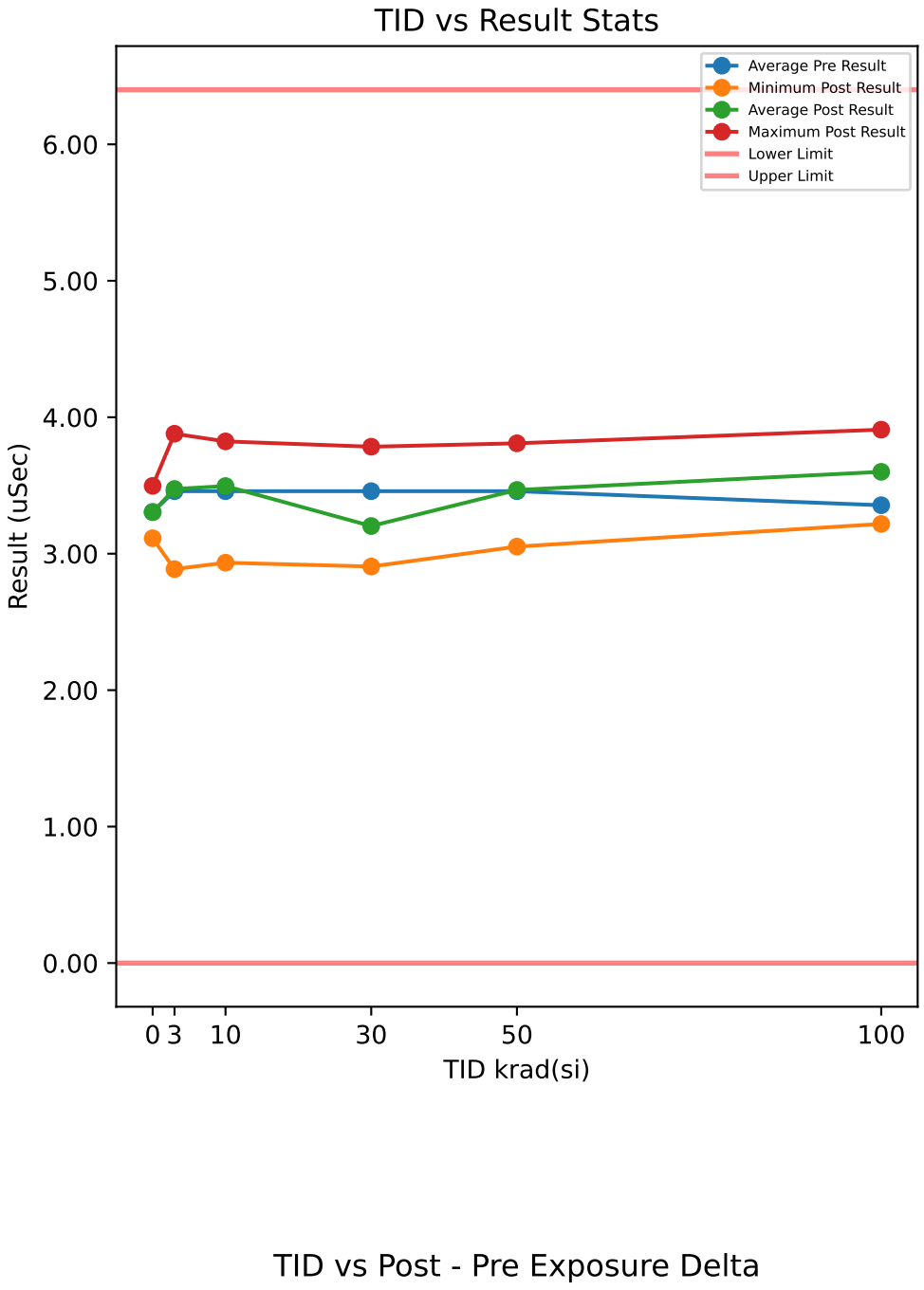
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

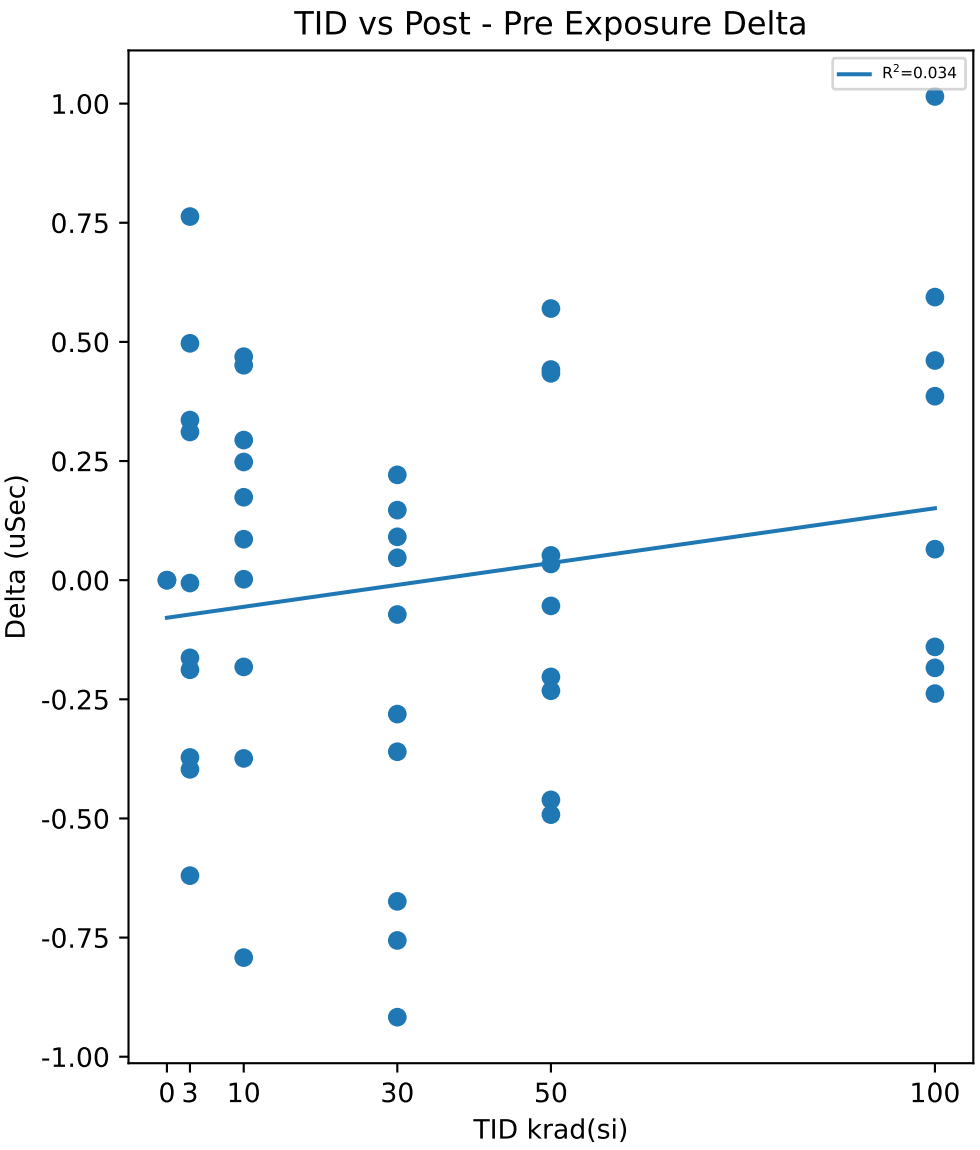
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.252	3.252	0
7	0	Correlation	3.494	3.494	0
16	3	LDR-Biased	3.17	3.004	-0.166
18	3	LDR-Biased	3.286	3.317	0.031
19	3	LDR-Biased	2.892	3.513	0.621
20	3	LDR-Biased	3.154	2.938	-0.216
21	3	LDR-Biased	3.452	2.942	-0.51
22	3	LDR-Unbiased	2.847	2.775	-0.072
23	3	LDR-Unbiased	3.496	3.37	-0.126
25	3	LDR-Unbiased	2.991	2.766	-0.225
26	3	LDR-Unbiased	3.239	3.627	0.388
27	3	LDR-Unbiased	3.505	3.259	-0.246
46	10	LDR-Biased	3.17	3.741	0.571
48	10	LDR-Biased	3.286	3.276	-0.01
49	10	LDR-Biased	2.892	2.882	-0.01
50	10	LDR-Biased	3.154	3.49	0.336
51	10	LDR-Biased	3.452	3.428	-0.024
52	10	LDR-Unbiased	2.847	3.393	0.546
53	10	LDR-Unbiased	3.496	3.187	-0.309
55	10	LDR-Unbiased	2.991	3.353	0.362
56	10	LDR-Unbiased	3.239	3.638	0.399
57	10	LDR-Unbiased	3.505	3.123	-0.382
76	30	LDR-Biased	3.17	3.202	0.032
78	30	LDR-Biased	3.286	3.325	0.039
79	30	LDR-Biased	2.892	3.497	0.605
80	30	LDR-Biased	3.154	3.757	0.603
81	30	LDR-Biased	3.452	3.406	-0.046
82	30	LDR-Unbiased	2.847	3.742	0.895
83	30	LDR-Unbiased	3.496	2.765	-0.731
84	30	LDR-Unbiased	3.505	2.9	-0.605
85	30	LDR-Unbiased	2.991	2.906	-0.085
86	30	LDR-Unbiased	3.239	2.803	-0.436
87	100	LDR-Biased	3.29	2.786	-0.504
88	100	LDR-Biased	3.412	2.966	-0.446
90	100	LDR-Biased	3.676	2.917	-0.759
91	100	LDR-Unbiased	2.874	3.738	0.864
93	100	LDR-Unbiased	3.21	3.134	-0.076
94	100	LDR-Unbiased	3.504	3.683	0.179
95	100	LDR-Unbiased	2.8	3.201	0.401
96	100	LDR-Unbiased	3.128	2.976	-0.152
106	50	LDR-Biased	3.17	3.446	0.276
108	50	LDR-Biased	3.286	2.799	-0.487
109	50	LDR-Biased	2.892	3.538	0.646
110	50	LDR-Biased	3.154	3.058	-0.096
111	50	LDR-Biased	3.452	2.798	-0.654
112	50	LDR-Unbiased	2.847	3.559	0.712
113	50	LDR-Unbiased	3.496	2.848	-0.648
115	50	LDR-Unbiased	2.991	3.415	0.424
116	50	LDR-Unbiased	3.239	3.397	0.158
117	50	LDR-Unbiased	3.505	3.194	-0.311

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.252	3.373	3.494	0.17112	3.252	3.373	3.494	0.17112	0	0	0	0
3	2.847	3.2032	3.505	0.24017	2.766	3.1511	3.627	0.30642	-0.51	-0.0521	0.621	0.3294
10	2.847	3.2032	3.505	0.24017	2.882	3.3511	3.741	0.25077	-0.382	0.1479	0.571	0.34168
30	2.847	3.2032	3.505	0.24017	2.765	3.2303	3.757	0.37481	-0.731	0.0271	0.895	0.54013
50	2.847	3.2032	3.505	0.24017	2.798	3.2052	3.559	0.30821	-0.654	0.002	0.712	0.51595
100	2.8	3.2367	3.676	0.30066	2.786	3.1751	3.738	0.35427	-0.759	-0.061625	0.864	0.53007

Device Test: 5.30 tpd_EN1_SD/EN1/7/3/0/0/0/@TPD_EN





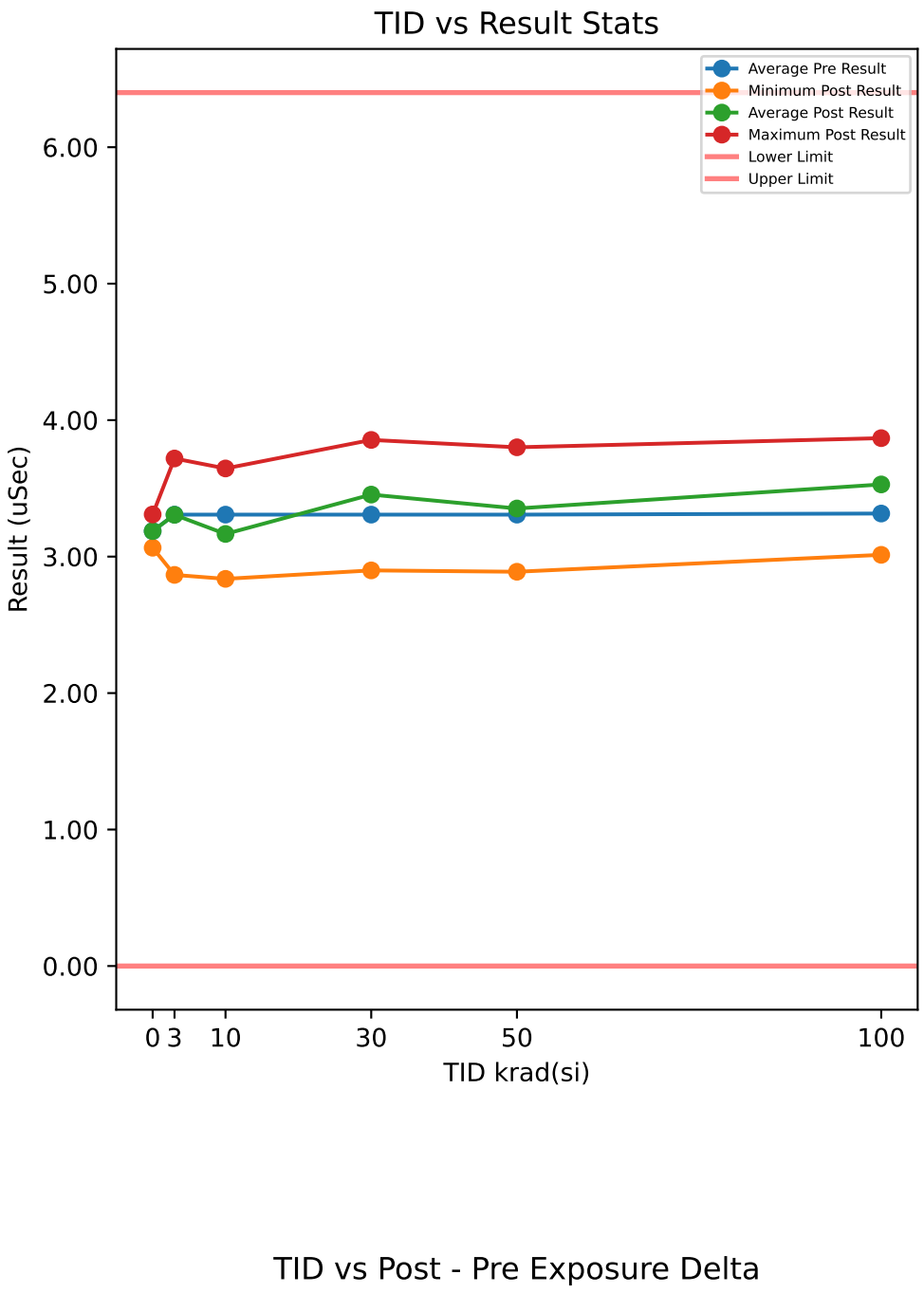
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

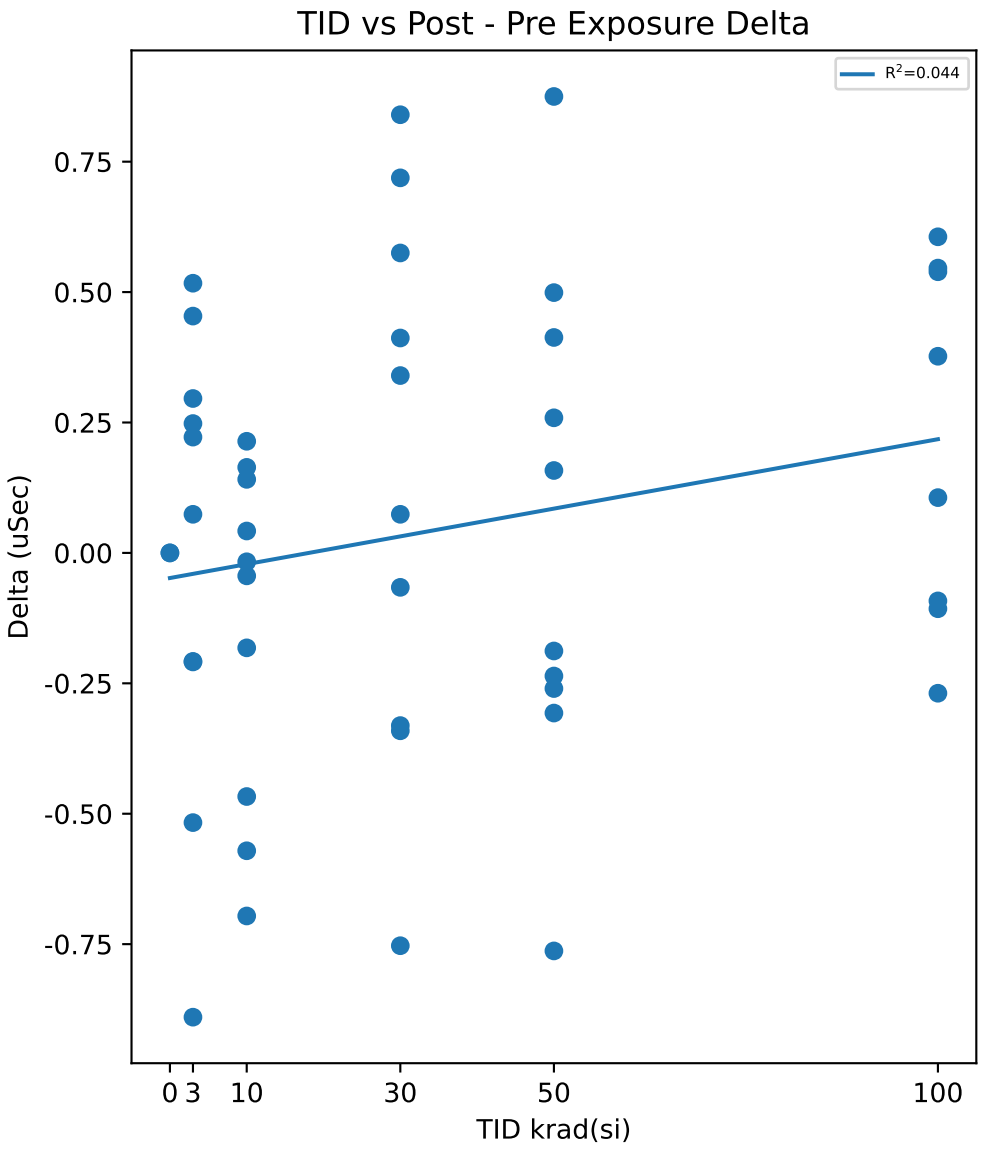
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.113	3.113	0
7	0	Correlation	3.497	3.497	0
16	3	LDR-Biased	2.939	3.25	0.311
18	3	LDR-Biased	3.266	3.078	-0.188
19	3	LDR-Biased	3.739	3.733	-0.006
20	3	LDR-Biased	3.513	3.849	0.336
21	3	LDR-Biased	3.737	3.574	-0.163
22	3	LDR-Unbiased	3.284	2.887	-0.397
23	3	LDR-Unbiased	3.886	3.266	-0.62
25	3	LDR-Unbiased	3.367	3.864	0.497
26	3	LDR-Unbiased	3.734	3.362	-0.372
27	3	LDR-Unbiased	3.116	3.879	0.763
46	10	LDR-Biased	2.939	3.39	0.451
48	10	LDR-Biased	3.266	3.735	0.469
49	10	LDR-Biased	3.739	2.947	-0.792
50	10	LDR-Biased	3.513	3.761	0.248
51	10	LDR-Biased	3.737	3.823	0.086
52	10	LDR-Unbiased	3.284	3.578	0.294
53	10	LDR-Unbiased	3.886	3.512	-0.374
55	10	LDR-Unbiased	3.367	3.541	0.174
56	10	LDR-Unbiased	3.734	3.736	0.002
57	10	LDR-Unbiased	3.116	2.934	-0.182
76	30	LDR-Biased	2.939	3.16	0.221
78	30	LDR-Biased	3.266	2.906	-0.36
79	30	LDR-Biased	3.739	2.983	-0.756
80	30	LDR-Biased	3.513	3.604	0.091
81	30	LDR-Biased	3.737	3.784	0.047
82	30	LDR-Unbiased	3.284	3.431	0.147
83	30	LDR-Unbiased	3.886	2.969	-0.917
84	30	LDR-Unbiased	3.116	3.044	-0.072
85	30	LDR-Unbiased	3.367	3.086	-0.281
86	30	LDR-Unbiased	3.734	3.06	-0.674
87	100	LDR-Biased	3.153	3.218	0.065
88	100	LDR-Biased	3.758	3.618	-0.14
90	100	LDR-Biased	3.644	3.406	-0.238
91	100	LDR-Unbiased	2.856	3.871	1.015
93	100	LDR-Unbiased	3.448	3.909	0.461
94	100	LDR-Unbiased	3.525	3.341	-0.184
95	100	LDR-Unbiased	3.459	3.845	0.386
96	100	LDR-Unbiased	2.998	3.592	0.594
106	50	LDR-Biased	2.939	3.509	0.57
108	50	LDR-Biased	3.266	3.7	0.434
109	50	LDR-Biased	3.739	3.247	-0.492
110	50	LDR-Biased	3.513	3.052	-0.461
111	50	LDR-Biased	3.737	3.534	-0.203
112	50	LDR-Unbiased	3.284	3.318	0.034
113	50	LDR-Unbiased	3.886	3.654	-0.232
115	50	LDR-Unbiased	3.367	3.809	0.442
116	50	LDR-Unbiased	3.734	3.68	-0.054
117	50	LDR-Unbiased	3.116	3.168	0.052

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.113	3.305	3.497	0.27153	3.113	3.305	3.497	0.27153	0	0	0	0
3	2.939	3.4581	3.886	0.31286	2.887	3.4742	3.879	0.35609	-0.62	0.0161	0.763	0.44454
10	2.939	3.4581	3.886	0.31286	2.934	3.4957	3.823	0.32134	-0.792	0.0376	0.469	0.39372
30	2.939	3.4581	3.886	0.31286	2.906	3.2027	3.784	0.2987	-0.917	-0.2554	0.221	0.40948
50	2.939	3.4581	3.886	0.31286	3.052	3.4671	3.809	0.25605	-0.492	0.009	0.57	0.37479
100	2.856	3.3551	3.758	0.31883	3.218	3.6	3.909	0.26185	-0.238	0.24488	1.015	0.44388

Device Test: 5.31 tpd_EN2_SD/EN2/7/3/0/0/0/@TPD_EN





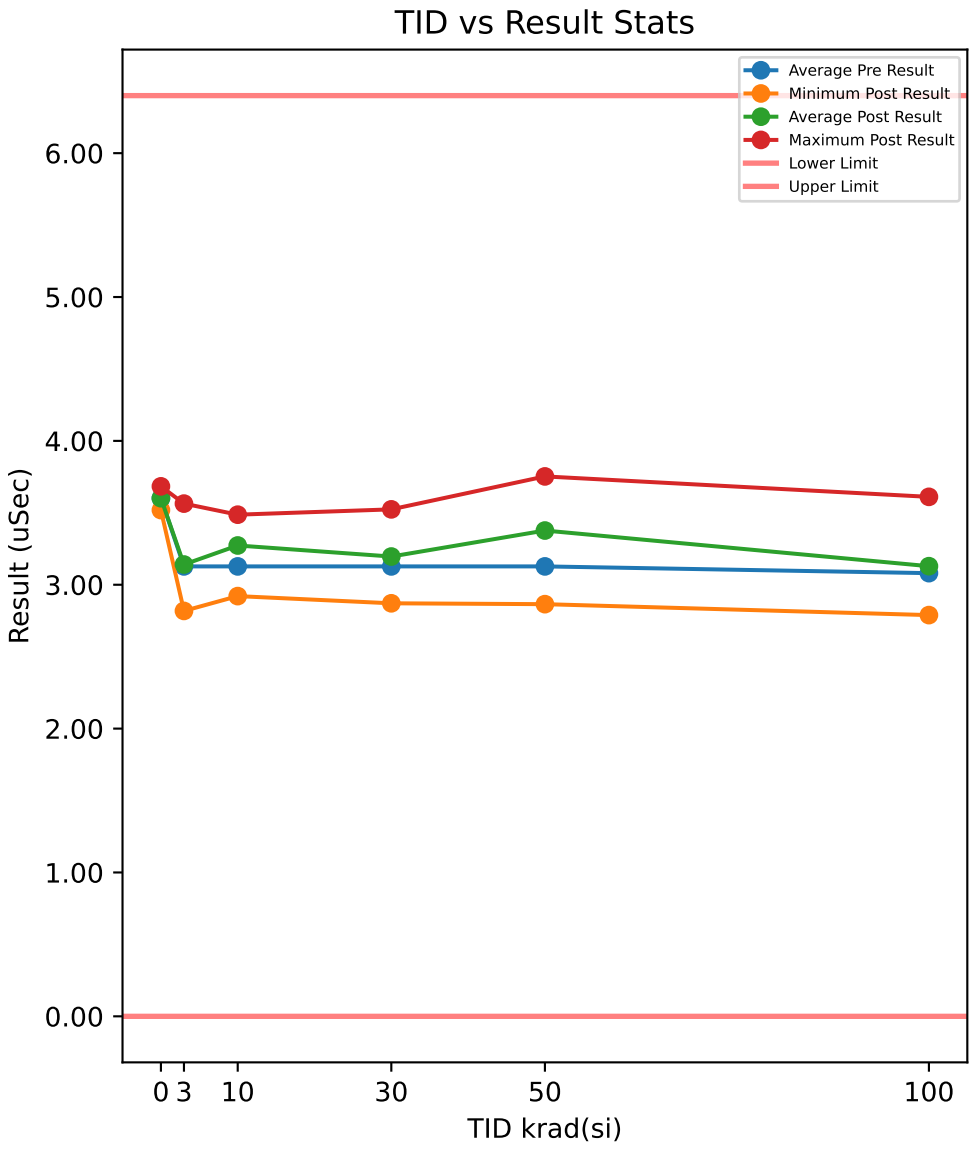
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

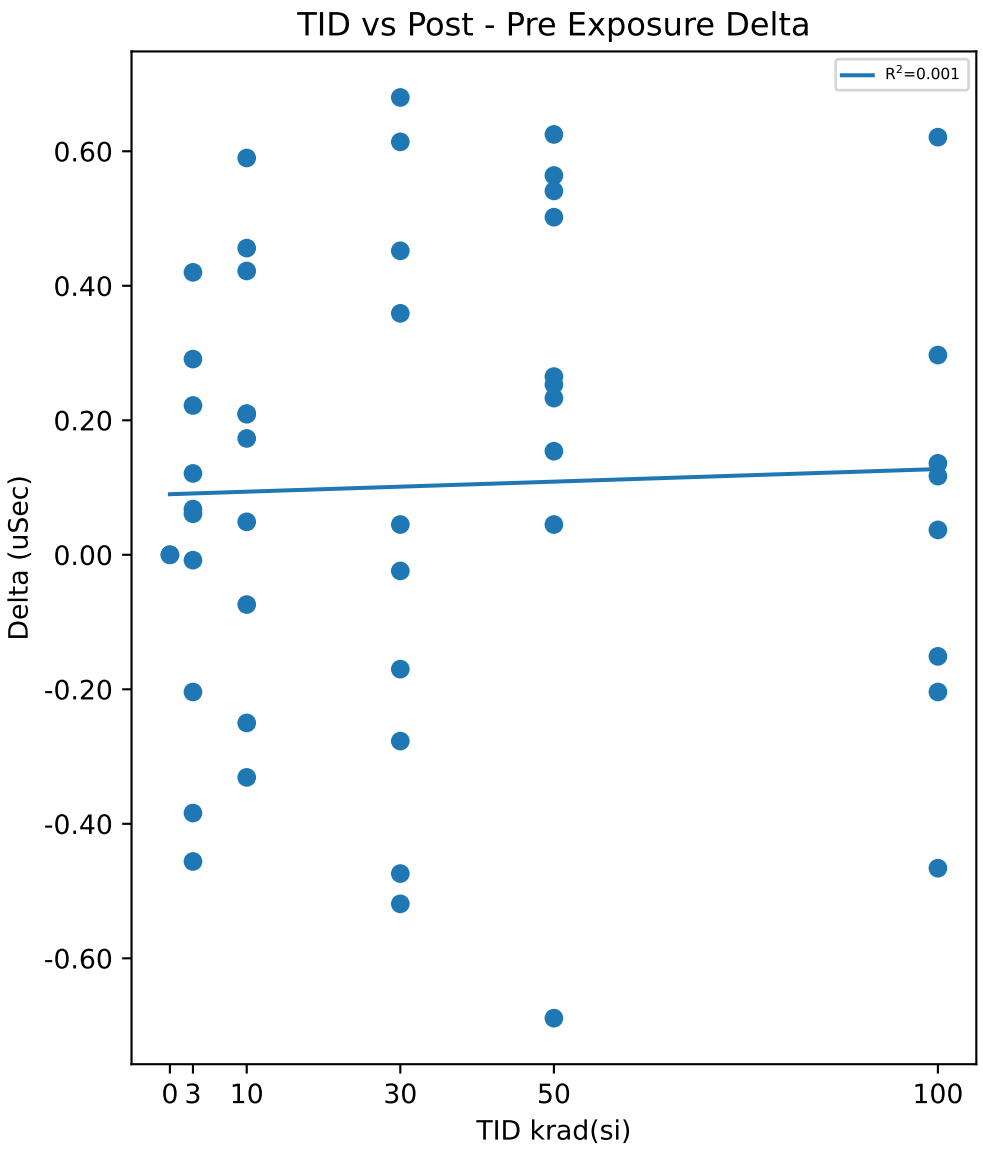
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.065	3.065	0
7	0	Correlation	3.309	3.309	0
16	3	LDR-Biased	3.45	3.698	0.248
18	3	LDR-Biased	3.756	2.866	-0.89
19	3	LDR-Biased	2.926	3.148	0.222
20	3	LDR-Biased	3.202	3.719	0.517
21	3	LDR-Biased	3.304	3.378	0.074
22	3	LDR-Unbiased	3.652	3.135	-0.517
23	3	LDR-Unbiased	3.136	2.928	-0.208
25	3	LDR-Unbiased	3.432	3.223	-0.209
26	3	LDR-Unbiased	2.892	3.346	0.454
27	3	LDR-Unbiased	3.326	3.622	0.296
46	10	LDR-Biased	3.45	3.268	-0.182
48	10	LDR-Biased	3.756	3.06	-0.696
49	10	LDR-Biased	2.926	2.968	0.042
50	10	LDR-Biased	3.202	3.366	0.164
51	10	LDR-Biased	3.304	2.837	-0.467
52	10	LDR-Unbiased	3.652	3.081	-0.571
53	10	LDR-Unbiased	3.136	3.092	-0.044
55	10	LDR-Unbiased	3.432	3.646	0.214
56	10	LDR-Unbiased	2.892	2.875	-0.017
57	10	LDR-Unbiased	3.326	3.467	0.141
76	30	LDR-Biased	3.45	3.119	-0.331
78	30	LDR-Biased	3.756	3.69	-0.066
79	30	LDR-Biased	2.926	3.338	0.412
80	30	LDR-Biased	3.202	3.777	0.575
81	30	LDR-Biased	3.304	3.378	0.074
82	30	LDR-Unbiased	3.652	2.899	-0.753
83	30	LDR-Unbiased	3.136	3.855	0.719
84	30	LDR-Unbiased	3.326	3.666	0.34
85	30	LDR-Unbiased	3.432	3.091	-0.341
86	30	LDR-Unbiased	2.892	3.732	0.84
87	100	LDR-Biased	2.907	3.013	0.106
88	100	LDR-Biased	3.192	3.731	0.539
90	100	LDR-Biased	3.115	3.661	0.546
91	100	LDR-Unbiased	3.291	3.022	-0.269
93	100	LDR-Unbiased	3.582	3.475	-0.107
94	100	LDR-Unbiased	3.772	3.68	-0.092
95	100	LDR-Unbiased	3.491	3.868	0.377
96	100	LDR-Unbiased	3.175	3.781	0.606
106	50	LDR-Biased	3.45	3.214	-0.236
108	50	LDR-Biased	3.756	3.568	-0.188
109	50	LDR-Biased	2.926	3.801	0.875
110	50	LDR-Biased	3.202	2.942	-0.26
111	50	LDR-Biased	3.304	2.997	-0.307
112	50	LDR-Unbiased	3.652	2.889	-0.763
113	50	LDR-Unbiased	3.136	3.635	0.499
115	50	LDR-Unbiased	3.432	3.691	0.259
116	50	LDR-Unbiased	2.892	3.05	0.158
117	50	LDR-Unbiased	3.326	3.739	0.413

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.065	3.187	3.309	0.17253	3.065	3.187	3.309	0.17253	0	0	0	0
3	2.892	3.3076	3.756	0.2818	2.866	3.3063	3.719	0.3034	-0.89	-0.0013	0.517	0.45014
10	2.892	3.3076	3.756	0.2818	2.837	3.166	3.646	0.26404	-0.696	-0.1416	0.214	0.32621
30	2.892	3.3076	3.756	0.2818	2.899	3.4545	3.855	0.33571	-0.753	0.1469	0.84	0.51913
50	2.892	3.3076	3.756	0.2818	2.889	3.3526	3.801	0.36694	-0.763	0.045	0.875	0.48213
100	2.907	3.3156	3.772	0.28104	3.013	3.5289	3.868	0.33502	-0.269	0.21325	0.606	0.34594

Device Test: 5.32 tpd_EN3_SD/EN3/7/3/0/0/0/@TPD_EN





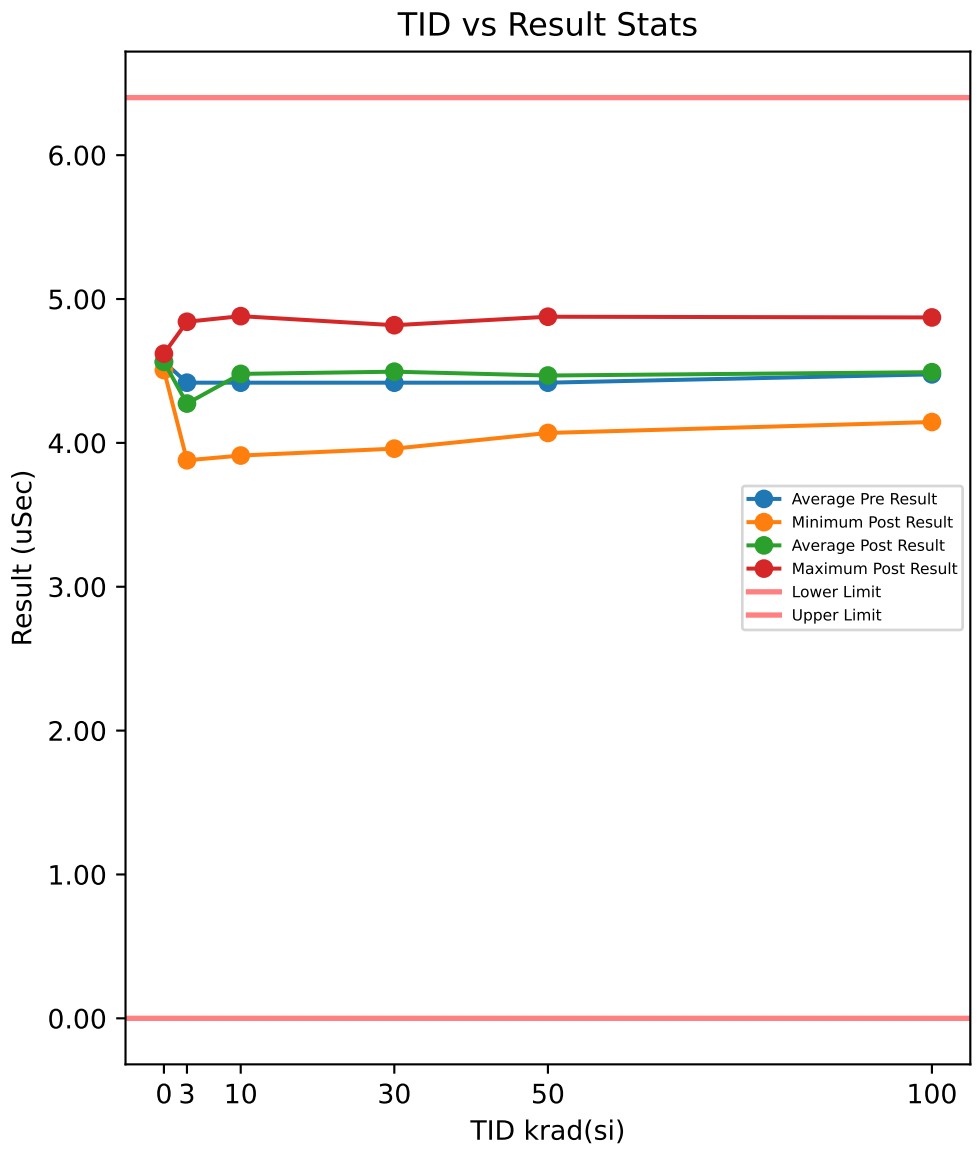
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

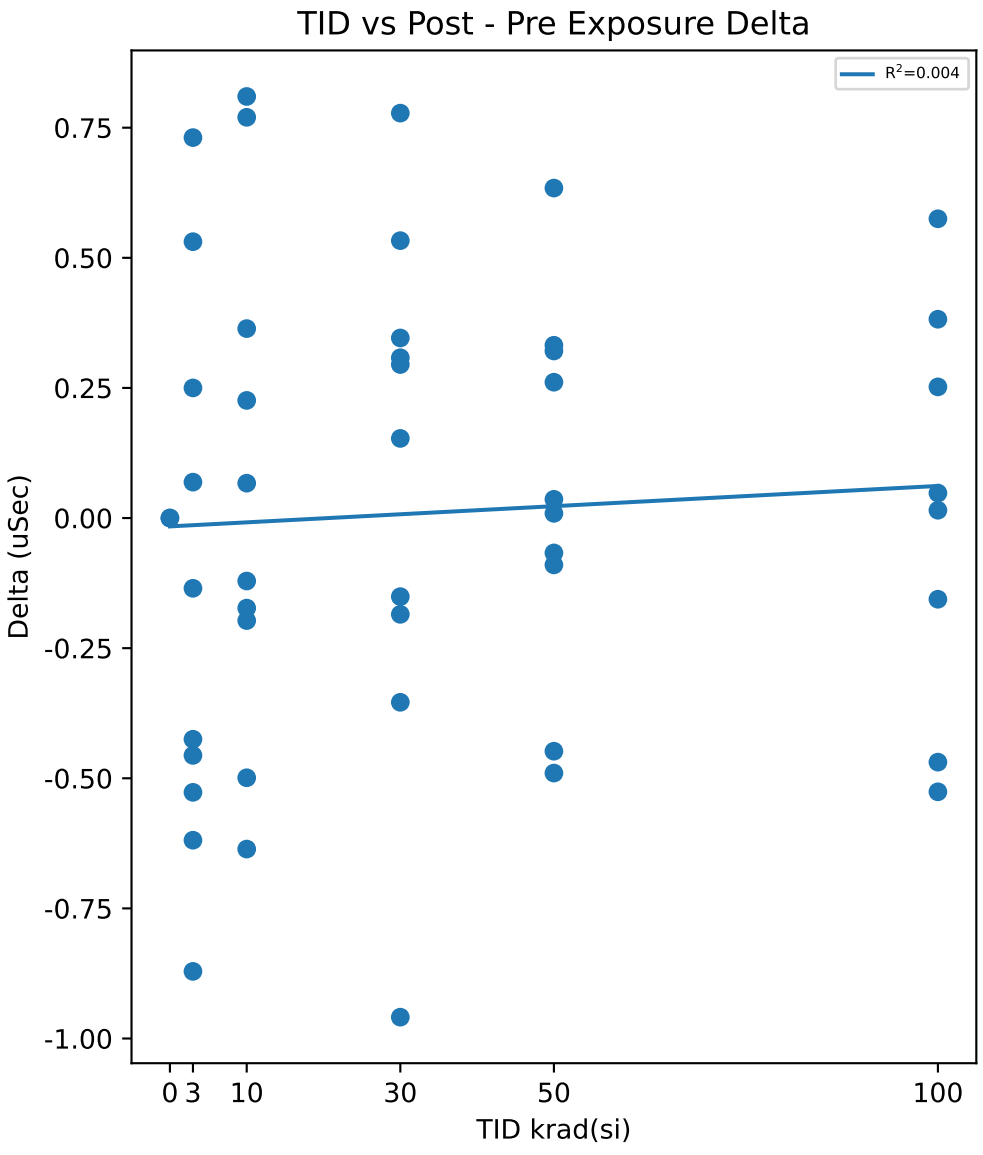
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.519	3.519	0
7	0	Correlation	3.684	3.684	0
16	3	LDR-Biased	3.171	3.292	0.121
18	3	LDR-Biased	3.273	3.564	0.291
19	3	LDR-Biased	2.826	2.818	-0.008
20	3	LDR-Biased	2.782	3.004	0.222
21	3	LDR-Biased	3.128	2.924	-0.204
22	3	LDR-Unbiased	3.432	3.048	-0.384
23	3	LDR-Unbiased	3.134	3.202	0.068
25	3	LDR-Unbiased	2.91	3.33	0.42
26	3	LDR-Unbiased	3.065	3.126	0.061
27	3	LDR-Unbiased	3.554	3.098	-0.456
46	10	LDR-Biased	3.171	2.921	-0.25
48	10	LDR-Biased	3.273	3.482	0.209
49	10	LDR-Biased	2.826	3.282	0.456
50	10	LDR-Biased	2.782	3.372	0.59
51	10	LDR-Biased	3.128	3.301	0.173
52	10	LDR-Unbiased	3.432	3.101	-0.331
53	10	LDR-Unbiased	3.134	3.344	0.21
55	10	LDR-Unbiased	2.91	2.959	0.049
56	10	LDR-Unbiased	3.065	3.487	0.422
57	10	LDR-Unbiased	3.554	3.48	-0.074
76	30	LDR-Biased	3.171	3.147	-0.024
78	30	LDR-Biased	3.273	2.996	-0.277
79	30	LDR-Biased	2.826	2.871	0.045
80	30	LDR-Biased	2.782	3.462	0.68
81	30	LDR-Biased	3.128	3.487	0.359
82	30	LDR-Unbiased	3.432	2.913	-0.519
83	30	LDR-Unbiased	3.134	2.964	-0.17
84	30	LDR-Unbiased	3.554	3.08	-0.474
85	30	LDR-Unbiased	2.91	3.524	0.614
86	30	LDR-Unbiased	3.065	3.517	0.452
87	100	LDR-Biased	3.385	3.422	0.037
88	100	LDR-Biased	2.99	3.611	0.621
90	100	LDR-Biased	3.255	2.789	-0.466
91	100	LDR-Unbiased	2.925	3.222	0.297
93	100	LDR-Unbiased	3.115	2.964	-0.151
94	100	LDR-Unbiased	3.278	3.074	-0.204
95	100	LDR-Unbiased	2.797	2.933	0.136
96	100	LDR-Unbiased	2.9	3.017	0.117
106	50	LDR-Biased	3.171	3.712	0.541
108	50	LDR-Biased	3.273	3.318	0.045
109	50	LDR-Biased	2.826	3.39	0.564
110	50	LDR-Biased	2.782	3.284	0.502
111	50	LDR-Biased	3.128	3.753	0.625
112	50	LDR-Unbiased	3.432	3.586	0.154
113	50	LDR-Unbiased	3.134	3.367	0.233
115	50	LDR-Unbiased	2.91	3.163	0.253
116	50	LDR-Unbiased	3.065	3.33	0.265
117	50	LDR-Unbiased	3.554	2.865	-0.689

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.519	3.6015	3.684	0.11667	3.519	3.6015	3.684	0.11667	0	0	0	0
3	2.782	3.1275	3.554	0.24927	2.818	3.1406	3.564	0.21656	-0.456	0.0131	0.42	0.28455
10	2.782	3.1275	3.554	0.24927	2.921	3.2729	3.487	0.21085	-0.331	0.1454	0.59	0.30191
30	2.782	3.1275	3.554	0.24927	2.871	3.1961	3.524	0.2711	-0.519	0.0686	0.68	0.43815
50	2.782	3.1275	3.554	0.24927	2.865	3.3768	3.753	0.26243	-0.689	0.2493	0.625	0.3831
100	2.797	3.0806	3.385	0.21	2.789	3.129	3.611	0.2735	-0.466	0.048375	0.621	0.33172

Device Test: 5.33 tpd_EN4_SD/EN4/7/3/0/0/0/@TPD_EN





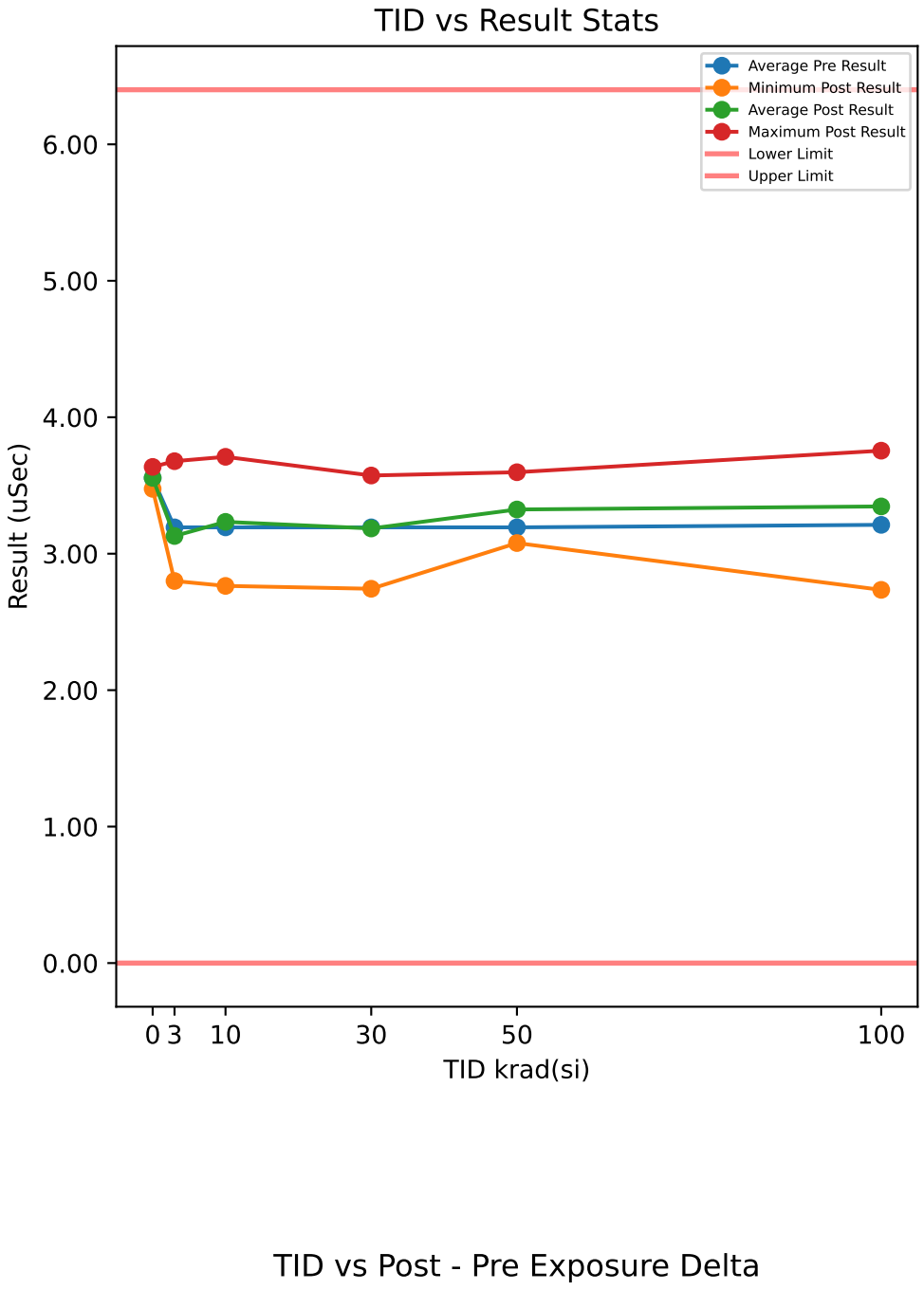
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

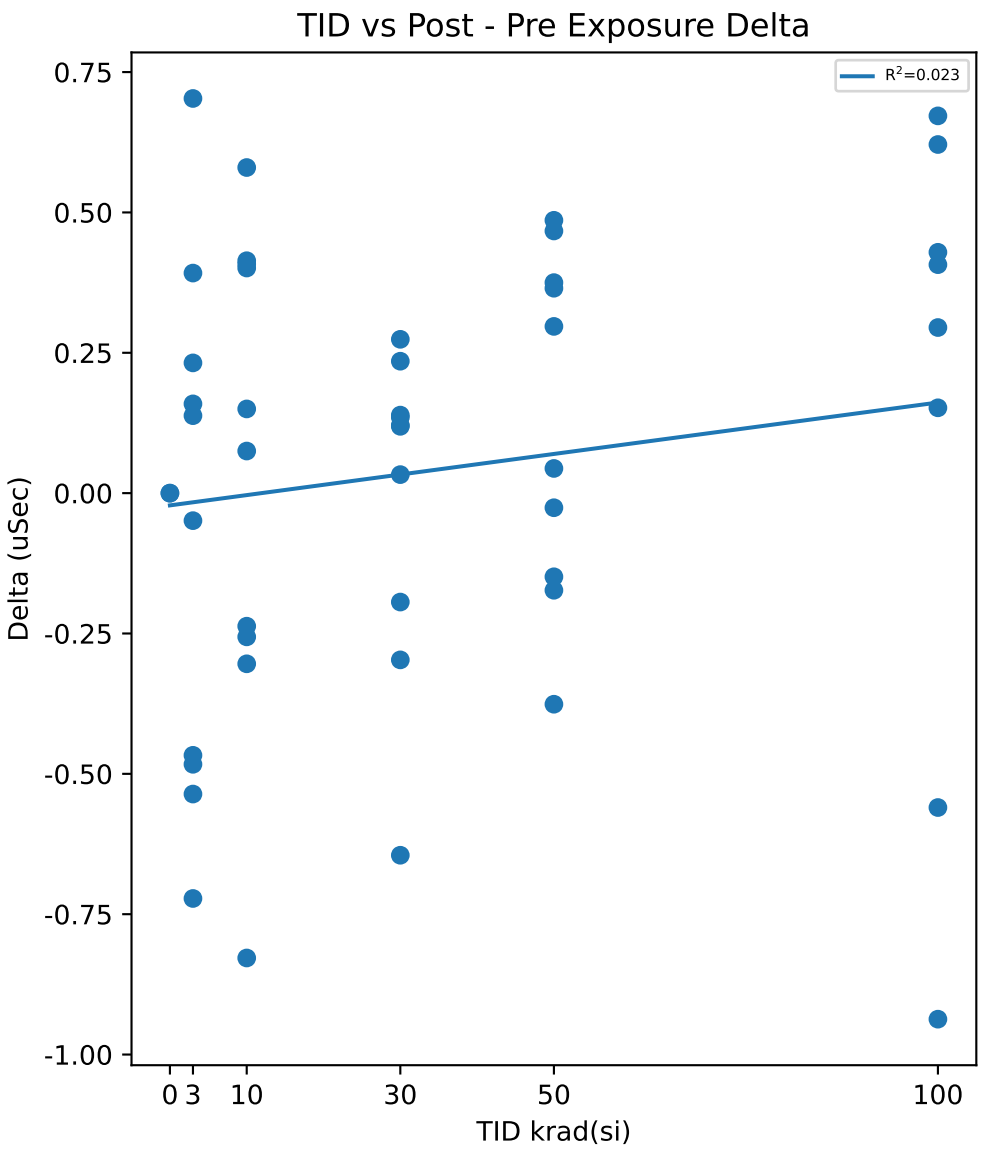
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	4.506	4.506	0
7	0	Correlation	4.62	4.62	0
16	3	LDR-Biased	4.83	4.374	-0.456
18	3	LDR-Biased	4.406	3.879	-0.527
19	3	LDR-Biased	4.111	4.842	0.731
20	3	LDR-Biased	4.665	4.24	-0.425
21	3	LDR-Biased	4.621	4.002	-0.619
22	3	LDR-Unbiased	4	4.531	0.531
23	3	LDR-Unbiased	4.967	4.096	-0.871
25	3	LDR-Unbiased	4.252	4.321	0.069
26	3	LDR-Unbiased	4.033	3.898	-0.135
27	3	LDR-Unbiased	4.3	4.55	0.25
46	10	LDR-Biased	4.83	4.657	-0.173
48	10	LDR-Biased	4.406	4.632	0.226
49	10	LDR-Biased	4.111	4.881	0.77
50	10	LDR-Biased	4.665	4.468	-0.197
51	10	LDR-Biased	4.621	4.122	-0.499
52	10	LDR-Unbiased	4	4.81	0.81
53	10	LDR-Unbiased	4.967	4.331	-0.636
55	10	LDR-Unbiased	4.252	4.616	0.364
56	10	LDR-Unbiased	4.033	3.912	-0.121
57	10	LDR-Unbiased	4.3	4.367	0.067
76	30	LDR-Biased	4.83	4.476	-0.354
78	30	LDR-Biased	4.406	4.714	0.308
79	30	LDR-Biased	4.111	3.96	-0.151
80	30	LDR-Biased	4.665	4.818	0.153
81	30	LDR-Biased	4.621	4.436	-0.185
82	30	LDR-Unbiased	4	4.533	0.533
83	30	LDR-Unbiased	4.967	4.008	-0.959
84	30	LDR-Unbiased	4.3	4.646	0.346
85	30	LDR-Unbiased	4.252	4.547	0.295
86	30	LDR-Unbiased	4.033	4.811	0.778
87	100	LDR-Biased	4.676	4.52	-0.156
88	100	LDR-Biased	4.66	4.675	0.015
90	100	LDR-Biased	4.671	4.145	-0.526
91	100	LDR-Unbiased	4.827	4.358	-0.469
93	100	LDR-Unbiased	4.342	4.39	0.048
94	100	LDR-Unbiased	4.49	4.872	0.382
95	100	LDR-Unbiased	3.943	4.195	0.252
96	100	LDR-Unbiased	4.202	4.777	0.575
106	50	LDR-Biased	4.83	4.34	-0.49
108	50	LDR-Biased	4.406	4.339	-0.067
109	50	LDR-Biased	4.111	4.745	0.634
110	50	LDR-Biased	4.665	4.217	-0.448
111	50	LDR-Biased	4.621	4.63	0.009
112	50	LDR-Unbiased	4	4.321	0.321
113	50	LDR-Unbiased	4.967	4.877	-0.09
115	50	LDR-Unbiased	4.252	4.513	0.261
116	50	LDR-Unbiased	4.033	4.069	0.036
117	50	LDR-Unbiased	4.3	4.632	0.332

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.506	4.563	4.62	0.08061	4.506	4.563	4.62	0.08061	0	0	0	0
3	4	4.4185	4.967	0.33865	3.879	4.2733	4.842	0.31292	-0.871	-0.1452	0.731	0.52695
10	4	4.4185	4.967	0.33865	3.912	4.4796	4.881	0.30341	-0.636	0.0611	0.81	0.48724
30	4	4.4185	4.967	0.33865	3.96	4.4949	4.818	0.29932	-0.959	0.0764	0.778	0.50089
50	4	4.4185	4.967	0.33865	4.069	4.4683	4.877	0.25298	-0.49	0.0498	0.634	0.35171
100	3.943	4.4764	4.827	0.29578	4.145	4.4915	4.872	0.26642	-0.526	0.015125	0.575	0.38945

Device Test: 5.34 tpd_SEQ_SD/SEQ_DONE/7/3/0/0/0/@TPD_SEQ_DONE





Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

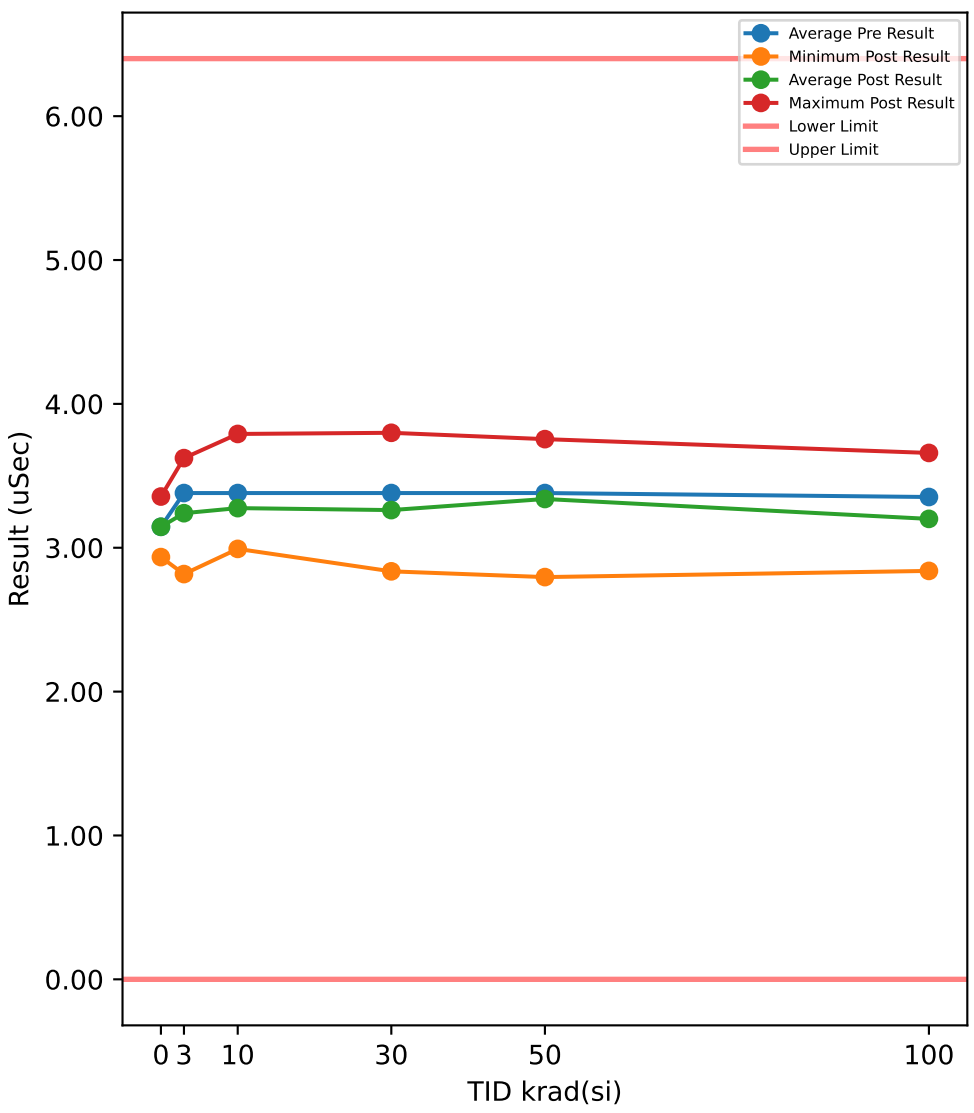
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.636	3.636	0
7	0	Correlation	3.475	3.475	0
16	3	LDR-Biased	3.13	3.289	0.159
18	3	LDR-Biased	2.975	3.678	0.703
19	3	LDR-Biased	3.454	2.918	-0.536
20	3	LDR-Biased	2.881	3.019	0.138
21	3	LDR-Biased	3.592	2.87	-0.722
22	3	LDR-Unbiased	3.283	2.8	-0.483
23	3	LDR-Unbiased	3.046	3.438	0.392
25	3	LDR-Unbiased	2.895	2.846	-0.049
26	3	LDR-Unbiased	3.388	3.62	0.232
27	3	LDR-Unbiased	3.286	2.819	-0.467
46	10	LDR-Biased	3.13	3.71	0.58
48	10	LDR-Biased	2.975	3.389	0.414
49	10	LDR-Biased	3.454	3.198	-0.256
50	10	LDR-Biased	2.881	3.282	0.401
51	10	LDR-Biased	3.592	2.764	-0.828
52	10	LDR-Unbiased	3.283	2.979	-0.304
53	10	LDR-Unbiased	3.046	3.454	0.408
55	10	LDR-Unbiased	2.895	3.045	0.15
56	10	LDR-Unbiased	3.388	3.151	-0.237
57	10	LDR-Unbiased	3.286	3.361	0.075
76	30	LDR-Biased	3.13	3.265	0.135
78	30	LDR-Biased	2.975	3.114	0.139
79	30	LDR-Biased	3.454	3.573	0.119
80	30	LDR-Biased	2.881	3.002	0.121
81	30	LDR-Biased	3.592	3.295	-0.297
82	30	LDR-Unbiased	3.283	3.089	-0.194
83	30	LDR-Unbiased	3.046	3.32	0.274
84	30	LDR-Unbiased	3.286	3.319	0.033
85	30	LDR-Unbiased	2.895	3.13	0.235
86	30	LDR-Unbiased	3.388	2.743	-0.645
87	100	LDR-Biased	3.672	2.735	-0.937
88	100	LDR-Biased	3.731	3.171	-0.56
90	100	LDR-Biased	2.769	3.064	0.295
91	100	LDR-Unbiased	3.083	3.755	0.672
93	100	LDR-Unbiased	3.312	3.741	0.429
94	100	LDR-Unbiased	2.866	3.018	0.152
95	100	LDR-Unbiased	3.206	3.613	0.407
96	100	LDR-Unbiased	3.053	3.674	0.621
106	50	LDR-Biased	3.13	3.597	0.467
108	50	LDR-Biased	2.975	3.272	0.297
109	50	LDR-Biased	3.454	3.078	-0.376
110	50	LDR-Biased	2.881	3.246	0.365
111	50	LDR-Biased	3.592	3.443	-0.149
112	50	LDR-Unbiased	3.283	3.257	-0.026
113	50	LDR-Unbiased	3.046	3.532	0.486
115	50	LDR-Unbiased	2.895	3.27	0.375
116	50	LDR-Unbiased	3.388	3.215	-0.173
117	50	LDR-Unbiased	3.286	3.33	0.044

Test Statistics (uSec)

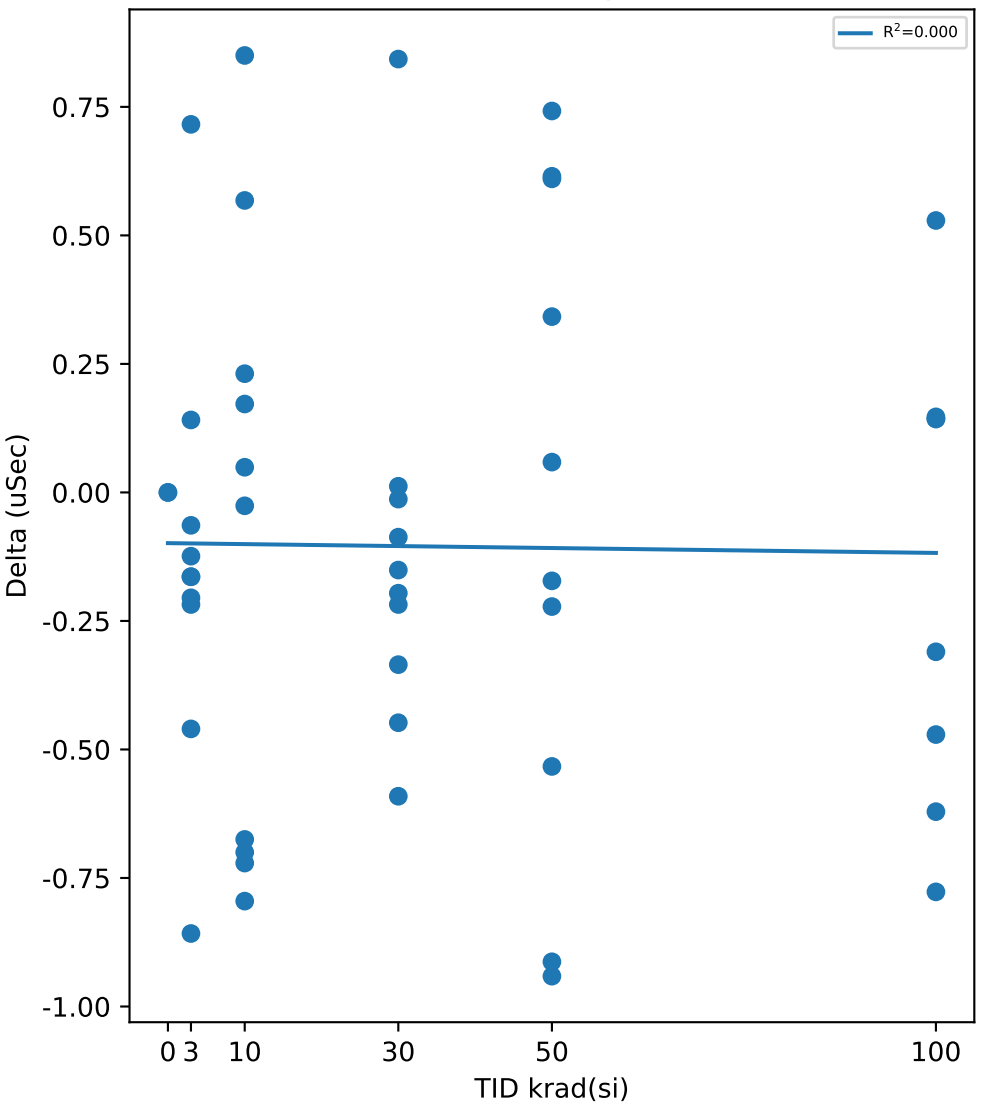
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.475	3.5555	3.636	0.11384	3.475	3.5555	3.636	0.11384	0	0	0	0
3	2.881	3.193	3.592	0.24525	2.8	3.1297	3.678	0.34507	-0.722	-0.0633	0.703	0.46766
10	2.881	3.193	3.592	0.24525	2.764	3.2333	3.71	0.26817	-0.828	0.0403	0.58	0.44054
30	2.881	3.193	3.592	0.24525	2.743	3.185	3.573	0.22394	-0.645	-0.008	0.274	0.28654
50	2.881	3.193	3.592	0.24525	3.078	3.324	3.597	0.15655	-0.376	0.131	0.486	0.30566
100	2.769	3.2115	3.731	0.34824	2.735	3.3464	3.755	0.39519	-0.937	0.13487	0.672	0.57856

Device Test: 5.35 tpd_PWRGD_SD/PWRGD/7/3/0/0/0/@TPD_PWRGD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



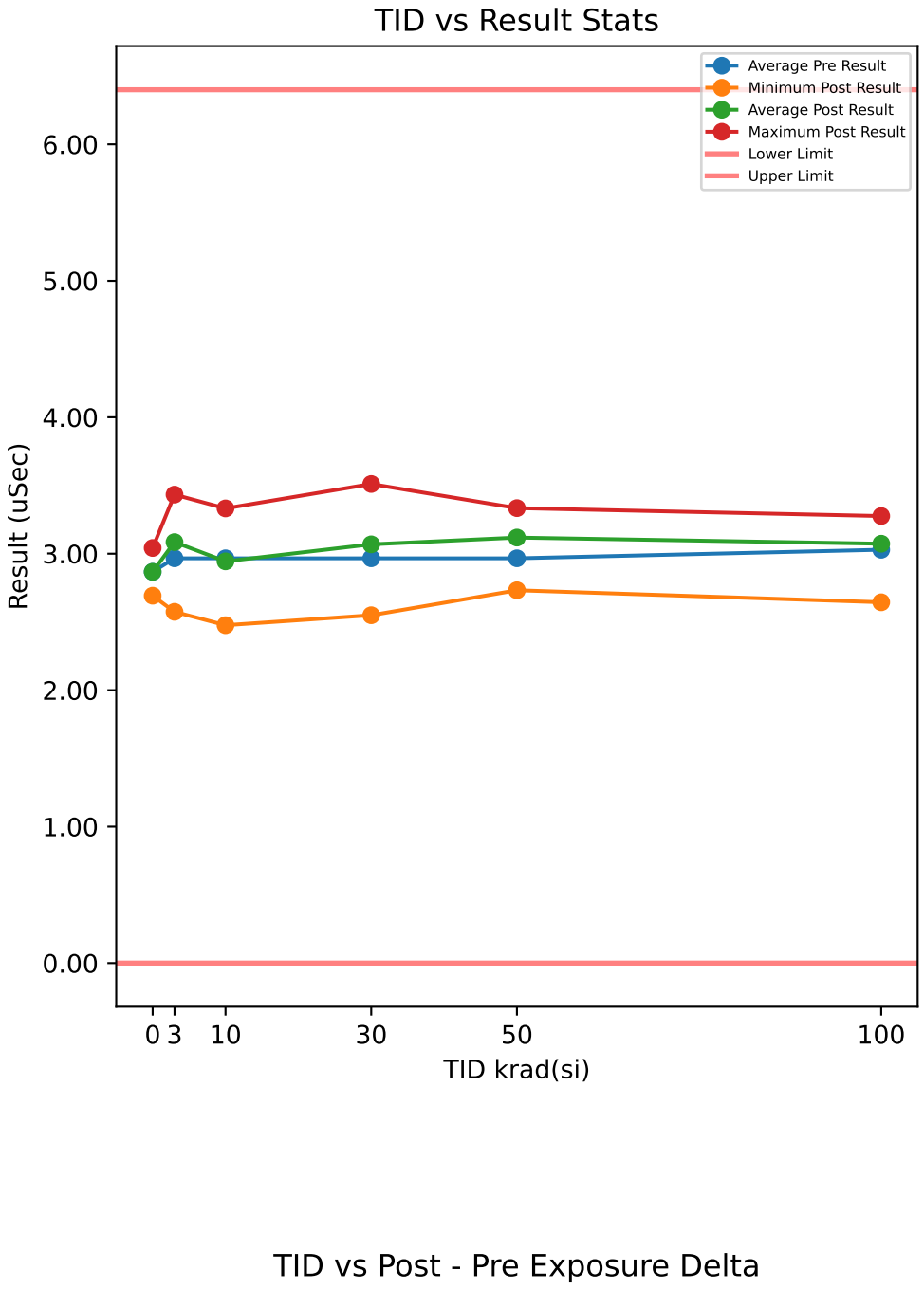
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

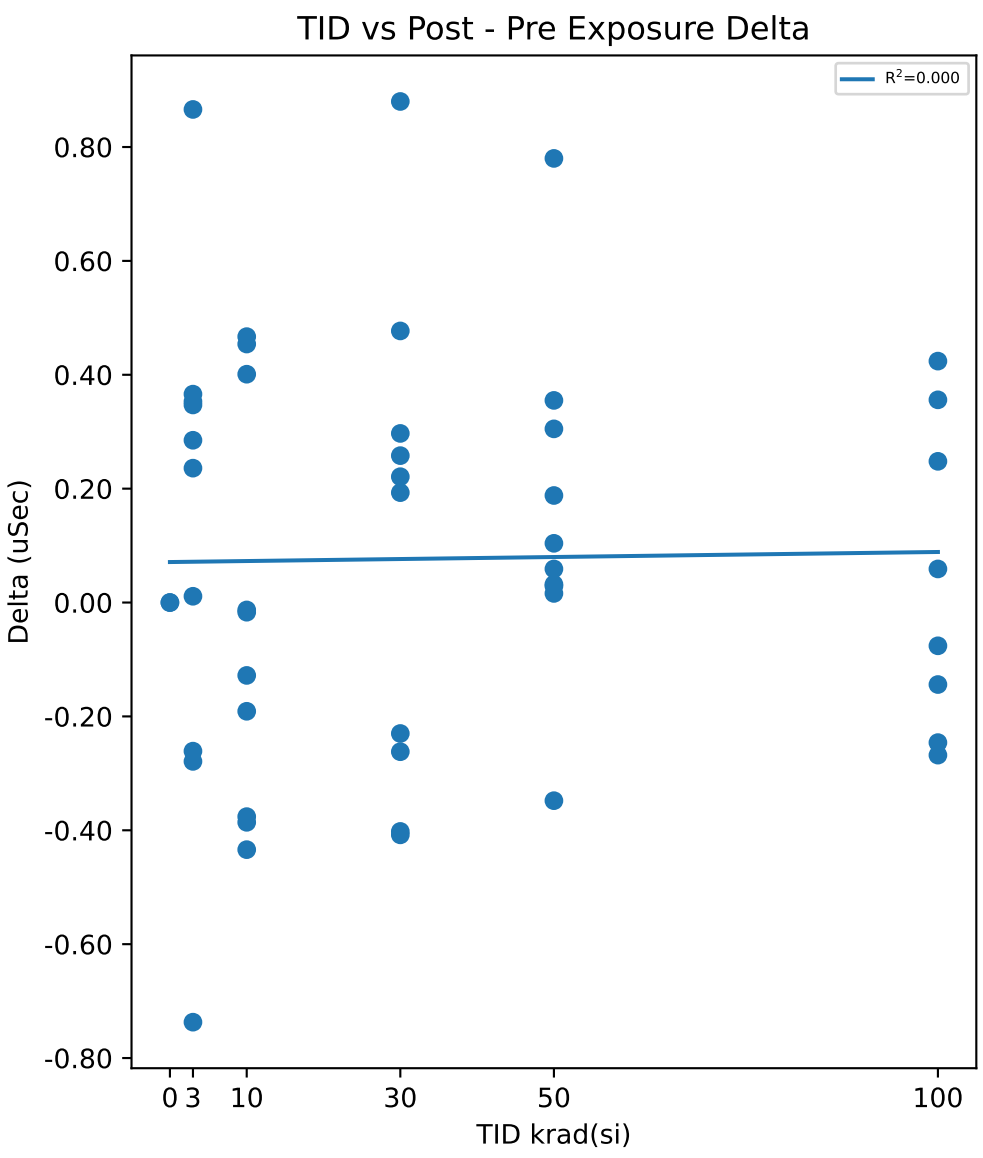
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.356	3.356	0
7	0	Correlation	2.935	2.935	0
16	3	LDR-Biased	3.787	3.623	-0.164
18	3	LDR-Biased	3.14	3.281	0.141
19	3	LDR-Biased	2.899	3.615	0.716
20	3	LDR-Biased	3.731	3.567	-0.164
21	3	LDR-Biased	3.709	3.249	-0.46
22	3	LDR-Unbiased	3.428	3.223	-0.205
23	3	LDR-Unbiased	2.941	2.817	-0.124
25	3	LDR-Unbiased	3.094	3.03	-0.064
26	3	LDR-Unbiased	3.789	2.931	-0.858
27	3	LDR-Unbiased	3.284	3.066	-0.218
46	10	LDR-Biased	3.787	2.992	-0.795
48	10	LDR-Biased	3.14	3.189	0.049
49	10	LDR-Biased	2.899	3.467	0.568
50	10	LDR-Biased	3.731	3.01	-0.721
51	10	LDR-Biased	3.709	3.009	-0.7
52	10	LDR-Unbiased	3.428	3.659	0.231
53	10	LDR-Unbiased	2.941	3.791	0.85
55	10	LDR-Unbiased	3.094	3.266	0.172
56	10	LDR-Unbiased	3.789	3.114	-0.675
57	10	LDR-Unbiased	3.284	3.258	-0.026
76	30	LDR-Biased	3.787	3.799	0.012
78	30	LDR-Biased	3.14	2.922	-0.218
79	30	LDR-Biased	2.899	2.886	-0.013
80	30	LDR-Biased	3.731	3.58	-0.151
81	30	LDR-Biased	3.709	3.622	-0.087
82	30	LDR-Unbiased	3.428	2.837	-0.591
83	30	LDR-Unbiased	2.941	3.784	0.843
84	30	LDR-Unbiased	3.284	2.836	-0.448
85	30	LDR-Unbiased	3.094	2.898	-0.196
86	30	LDR-Unbiased	3.789	3.454	-0.335
87	100	LDR-Biased	3.188	3.331	0.143
88	100	LDR-Biased	3.46	2.839	-0.621
90	100	LDR-Biased	3.644	2.867	-0.777
91	100	LDR-Unbiased	3.512	3.659	0.147
93	100	LDR-Unbiased	3.022	3.165	0.143
94	100	LDR-Unbiased	3.6	3.129	-0.471
95	100	LDR-Unbiased	3.556	3.246	-0.31
96	100	LDR-Unbiased	2.84	3.369	0.529
106	50	LDR-Biased	3.787	3.254	-0.533
108	50	LDR-Biased	3.14	3.755	0.615
109	50	LDR-Biased	2.899	3.641	0.742
110	50	LDR-Biased	3.731	3.509	-0.222
111	50	LDR-Biased	3.709	2.796	-0.913
112	50	LDR-Unbiased	3.428	3.256	-0.172
113	50	LDR-Unbiased	2.941	3.551	0.61
115	50	LDR-Unbiased	3.094	3.153	0.059
116	50	LDR-Unbiased	3.789	2.848	-0.941
117	50	LDR-Unbiased	3.284	3.626	0.342

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.935	3.1455	3.356	0.29769	2.935	3.1455	3.356	0.29769	0	0	0	0
3	2.899	3.3802	3.789	0.3558	2.817	3.2402	3.623	0.28773	-0.858	-0.14	0.716	0.40099
10	2.899	3.3802	3.789	0.3558	2.992	3.2755	3.791	0.27995	-0.795	-0.1047	0.85	0.58869
30	2.899	3.3802	3.789	0.3558	2.836	3.2618	3.799	0.419	-0.591	-0.1184	0.843	0.3872
50	2.899	3.3802	3.789	0.3558	2.796	3.3389	3.755	0.33418	-0.941	-0.0413	0.742	0.62239
100	2.84	3.3527	3.644	0.29847	2.839	3.2006	3.659	0.26886	-0.777	-0.15213	0.529	0.4574

Device Test: 5.36 tpd_EN1_SU/EN1/7/14/0/0/0/@TPD_EN





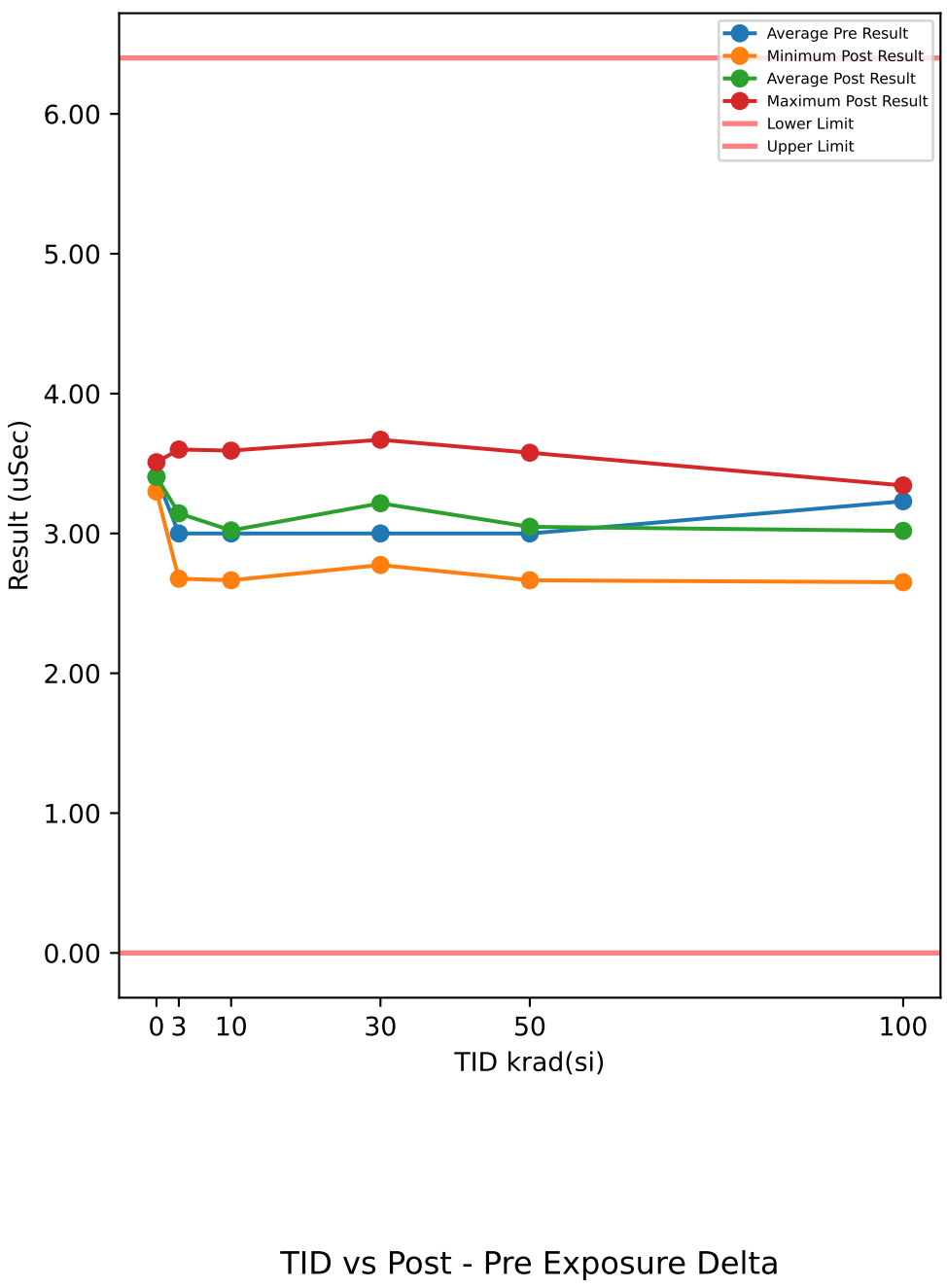
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.692	2.692	0
7	0	Correlation	3.042	3.042	0
16	3	LDR-Biased	3.318	2.581	-0.737
18	3	LDR-Biased	2.853	2.574	-0.279
19	3	LDR-Biased	3.102	3.387	0.285
20	3	LDR-Biased	2.862	3.098	0.236
21	3	LDR-Biased	2.957	2.696	-0.261
22	3	LDR-Unbiased	2.907	3.254	0.347
23	3	LDR-Unbiased	3.08	3.433	0.353
25	3	LDR-Unbiased	2.513	3.379	0.866
26	3	LDR-Unbiased	3.192	3.203	0.011
27	3	LDR-Unbiased	2.878	3.244	0.366
46	10	LDR-Biased	3.318	3.127	-0.191
48	10	LDR-Biased	2.853	3.254	0.401
49	10	LDR-Biased	3.102	2.974	-0.128
50	10	LDR-Biased	2.862	2.476	-0.386
51	10	LDR-Biased	2.957	2.944	-0.013
52	10	LDR-Unbiased	2.907	2.89	-0.017
53	10	LDR-Unbiased	3.08	2.646	-0.434
55	10	LDR-Unbiased	2.513	2.98	0.467
56	10	LDR-Unbiased	3.192	2.816	-0.376
57	10	LDR-Unbiased	2.878	3.332	0.454
76	30	LDR-Biased	3.318	3.511	0.193
78	30	LDR-Biased	2.853	3.33	0.477
79	30	LDR-Biased	3.102	2.7	-0.402
80	30	LDR-Biased	2.862	2.632	-0.23
81	30	LDR-Biased	2.957	2.549	-0.408
82	30	LDR-Unbiased	2.907	2.645	-0.262
83	30	LDR-Unbiased	3.08	3.377	0.297
84	30	LDR-Unbiased	2.878	3.136	0.258
85	30	LDR-Unbiased	2.513	3.393	0.88
86	30	LDR-Unbiased	3.192	3.413	0.221
87	100	LDR-Biased	2.835	3.259	0.424
88	100	LDR-Biased	2.976	3.224	0.248
90	100	LDR-Biased	3.383	3.115	-0.268
91	100	LDR-Unbiased	3.42	3.276	-0.144
93	100	LDR-Unbiased	3.033	2.787	-0.246
94	100	LDR-Unbiased	3.224	3.148	-0.076
95	100	LDR-Unbiased	2.776	3.132	0.356
96	100	LDR-Unbiased	2.585	2.644	0.059
106	50	LDR-Biased	3.318	3.334	0.016
108	50	LDR-Biased	2.853	3.158	0.305
109	50	LDR-Biased	3.102	3.161	0.059
110	50	LDR-Biased	2.862	3.217	0.355
111	50	LDR-Biased	2.957	2.986	0.029
112	50	LDR-Unbiased	2.907	3.095	0.188
113	50	LDR-Unbiased	3.08	2.732	-0.348
115	50	LDR-Unbiased	2.513	3.293	0.78
116	50	LDR-Unbiased	3.192	3.224	0.032
117	50	LDR-Unbiased	2.878	2.982	0.104

Test Statistics (uSec)

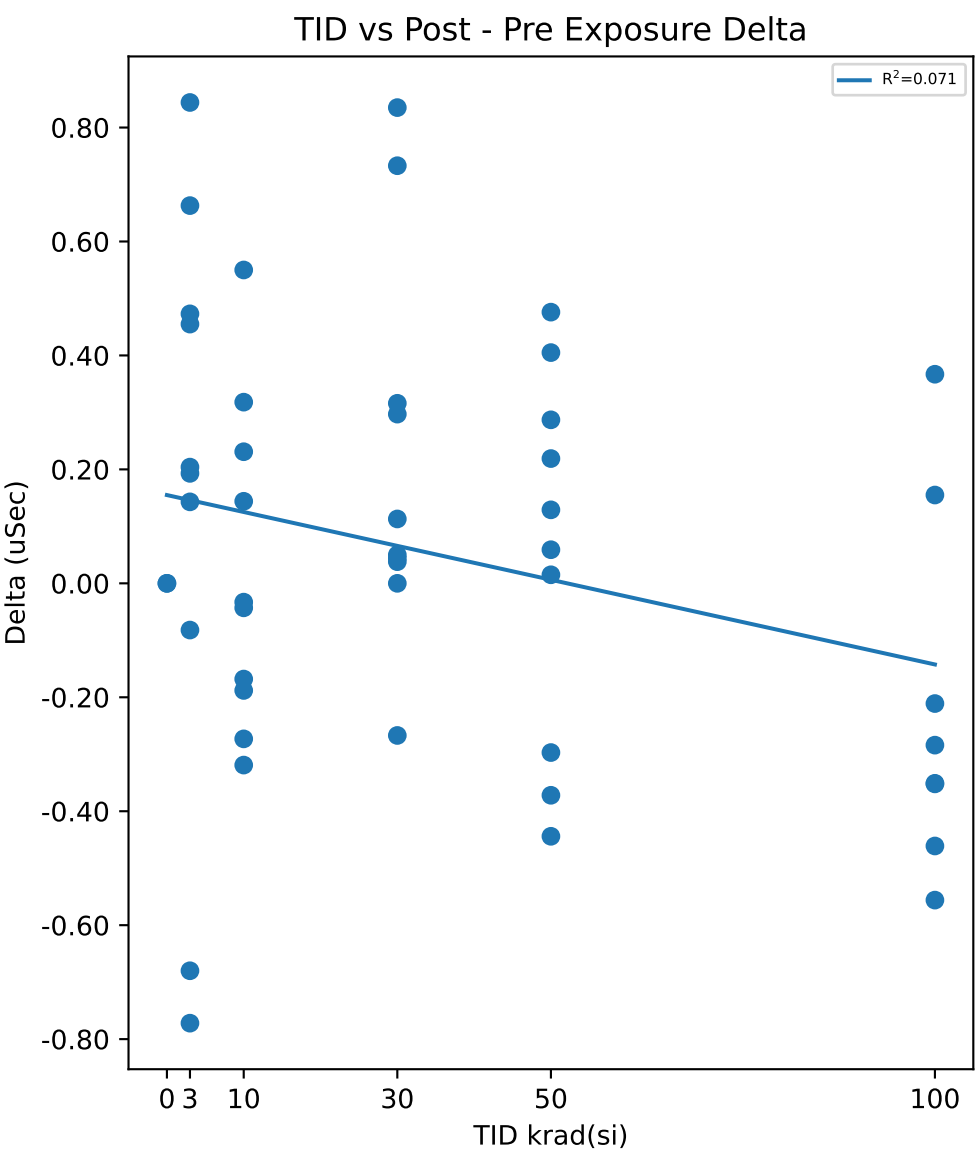
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.692	2.867	3.042	0.24749	2.692	2.867	3.042	0.24749	0	0	0	0
3	2.513	2.9662	3.318	0.22275	2.574	3.0849	3.433	0.33881	-0.737	0.1187	0.866	0.44897
10	2.513	2.9662	3.318	0.22275	2.476	2.9439	3.332	0.26023	-0.434	-0.0223	0.467	0.35152
30	2.513	2.9662	3.318	0.22275	2.549	3.0686	3.511	0.38922	-0.408	0.1024	0.88	0.41999
50	2.513	2.9662	3.318	0.22275	2.732	3.1182	3.334	0.17864	-0.348	0.152	0.78	0.29236
100	2.585	3.029	3.42	0.29709	2.644	3.0731	3.276	0.23155	-0.268	0.044125	0.424	0.27118

Device Test: 5.37 tpd_EN2_SU/EN2/7/14/0/0/0/@TPD_EN



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

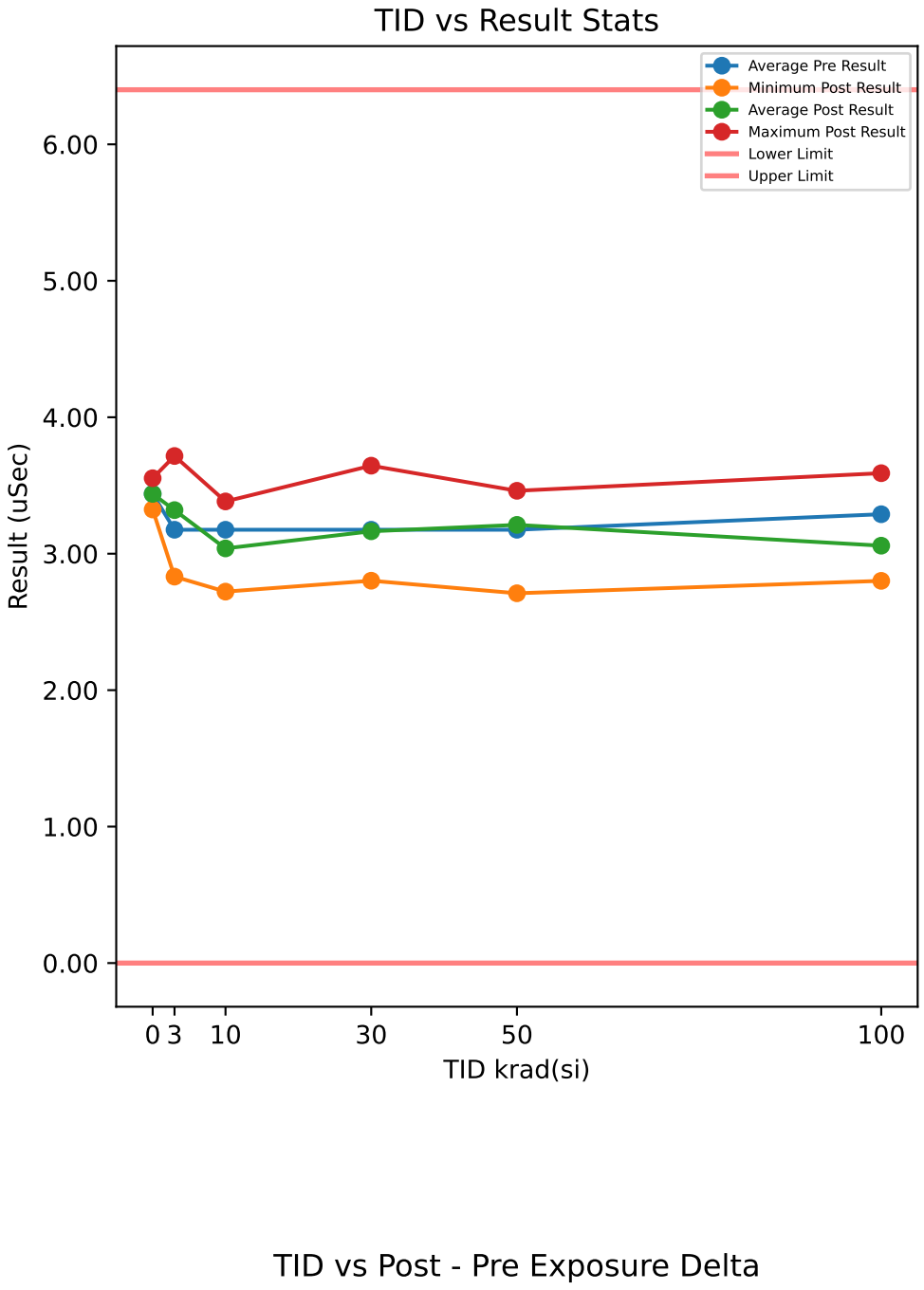
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.3	3.3	0
7	0	Correlation	3.509	3.509	0
16	3	LDR-Biased	2.937	3.6	0.663
18	3	LDR-Biased	2.698	2.891	0.193
19	3	LDR-Biased	3.448	2.676	-0.772
20	3	LDR-Biased	3.028	2.946	-0.082
21	3	LDR-Biased	3.424	2.744	-0.68
22	3	LDR-Unbiased	2.724	3.568	0.844
23	3	LDR-Unbiased	2.793	2.997	0.204
25	3	LDR-Unbiased	3.143	3.286	0.143
26	3	LDR-Unbiased	2.839	3.294	0.455
27	3	LDR-Unbiased	2.962	3.435	0.473
46	10	LDR-Biased	2.937	2.769	-0.168
48	10	LDR-Biased	2.698	2.665	-0.033
49	10	LDR-Biased	3.448	3.592	0.144
50	10	LDR-Biased	3.028	2.84	-0.188
51	10	LDR-Biased	3.424	3.151	-0.273
52	10	LDR-Unbiased	2.724	2.681	-0.043
53	10	LDR-Unbiased	2.793	3.111	0.318
55	10	LDR-Unbiased	3.143	2.824	-0.319
56	10	LDR-Unbiased	2.839	3.389	0.55
57	10	LDR-Unbiased	2.962	3.193	0.231
76	30	LDR-Biased	2.937	3.67	0.733
78	30	LDR-Biased	2.698	3.533	0.835
79	30	LDR-Biased	3.448	3.486	0.038
80	30	LDR-Biased	3.028	3.028	0
81	30	LDR-Biased	3.424	3.157	-0.267
82	30	LDR-Unbiased	2.724	2.774	0.05
83	30	LDR-Unbiased	2.793	3.109	0.316
84	30	LDR-Unbiased	2.962	3.075	0.113
85	30	LDR-Unbiased	3.143	3.44	0.297
86	30	LDR-Unbiased	2.839	2.883	0.044
87	100	LDR-Biased	3.495	3.284	-0.211
88	100	LDR-Biased	2.976	3.343	0.367
90	100	LDR-Biased	3.028	2.677	-0.351
91	100	LDR-Unbiased	3.499	3.215	-0.284
93	100	LDR-Unbiased	3.207	2.651	-0.556
94	100	LDR-Unbiased	3.081	3.236	0.155
95	100	LDR-Unbiased	3.118	2.766	-0.352
96	100	LDR-Unbiased	3.435	2.974	-0.461
106	50	LDR-Biased	2.937	3.156	0.219
108	50	LDR-Biased	2.698	2.985	0.287
109	50	LDR-Biased	3.448	3.577	0.129
110	50	LDR-Biased	3.028	3.043	0.015
111	50	LDR-Biased	3.424	2.98	-0.444
112	50	LDR-Unbiased	2.724	3.129	0.405
113	50	LDR-Unbiased	2.793	2.852	0.059
115	50	LDR-Unbiased	3.143	2.771	-0.372
116	50	LDR-Unbiased	2.839	3.315	0.476
117	50	LDR-Unbiased	2.962	2.665	-0.297



Test Statistics (uSec)

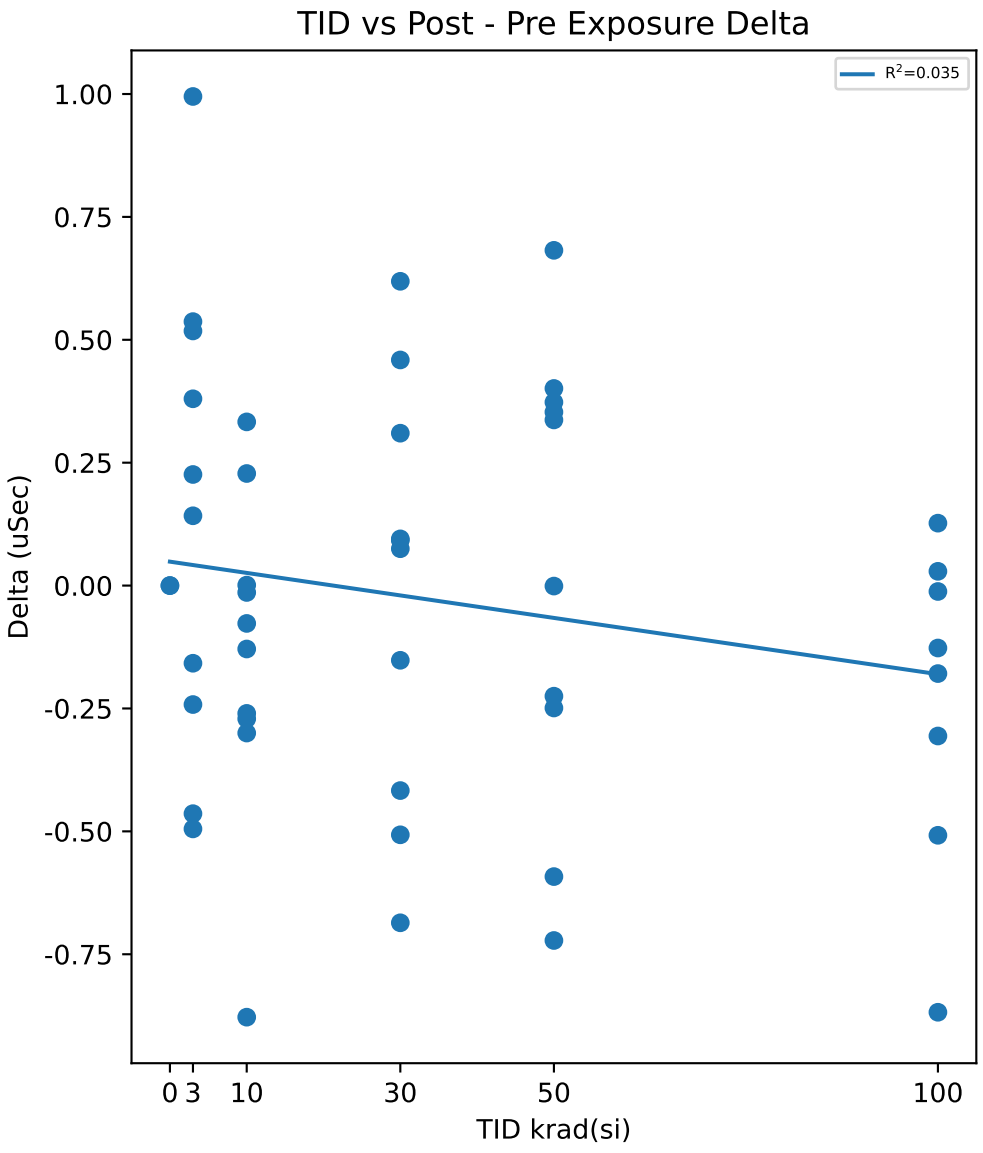
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.3	3.4045	3.509	0.14779	3.3	3.4045	3.509	0.14779	0	0	0	0
3	2.698	2.9996	3.448	0.26735	2.676	3.1437	3.6	0.33647	-0.772	0.1441	0.844	0.53119
10	2.698	2.9996	3.448	0.26735	2.665	3.0215	3.592	0.31508	-0.319	0.0219	0.55	0.282
30	2.698	2.9996	3.448	0.26735	2.774	3.2155	3.67	0.29927	-0.267	0.2159	0.835	0.34098
50	2.698	2.9996	3.448	0.26735	2.665	3.0473	3.577	0.26663	-0.444	0.0477	0.476	0.32357
100	2.976	3.2299	3.499	0.21554	2.651	3.0183	3.343	0.28763	-0.556	-0.21163	0.367	0.31495

Device Test: 5.38 tpd_EN3_SU/EN3/7/14/0/0/0/@TPD_EN



Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

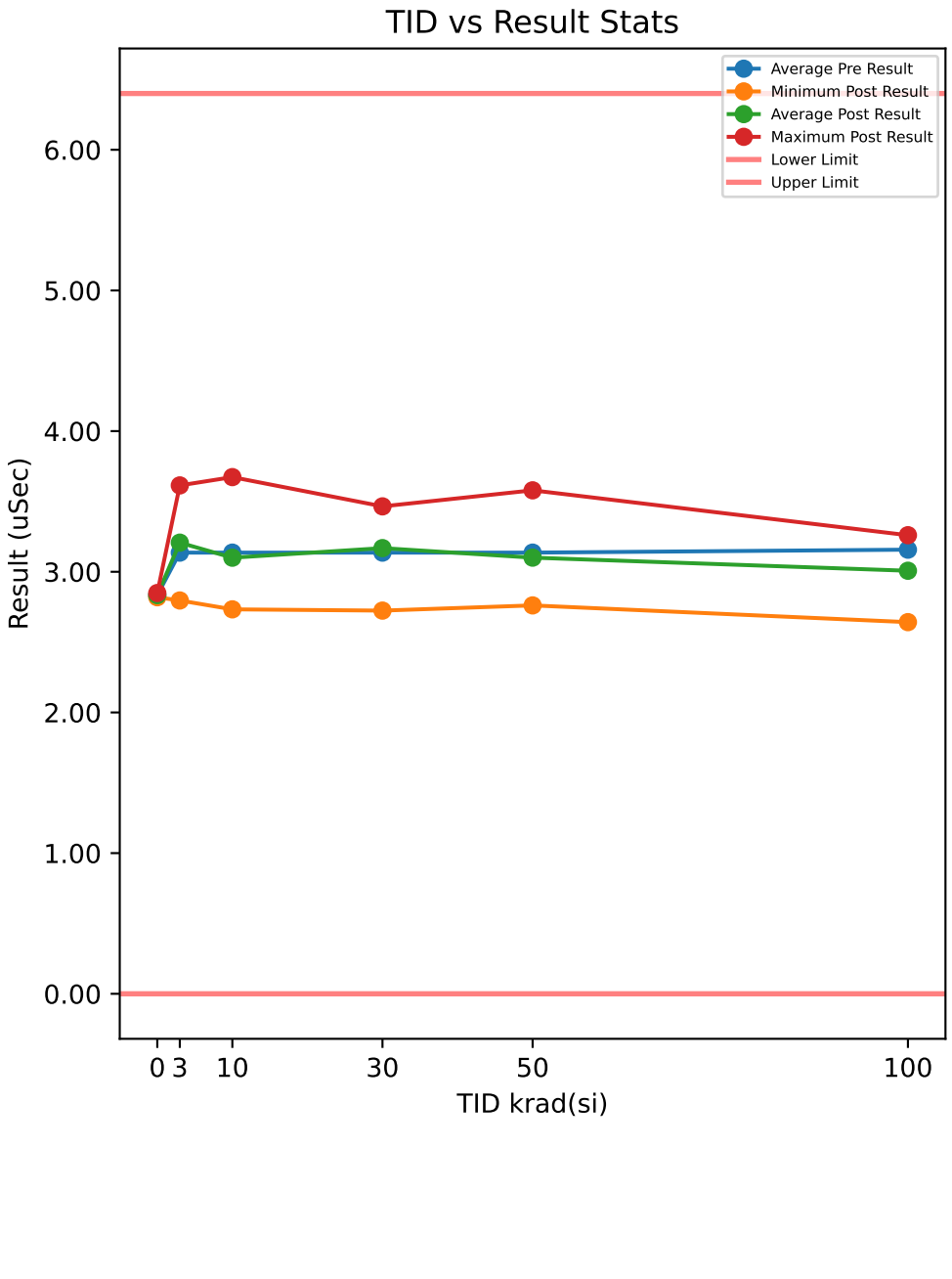
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.553	3.553	0
7	0	Correlation	3.324	3.324	0
16	3	LDR-Biased	2.721	3.716	0.995
18	3	LDR-Biased	2.779	3.316	0.537
19	3	LDR-Biased	3.628	3.386	-0.242
20	3	LDR-Biased	3.327	2.832	-0.495
21	3	LDR-Biased	3.026	3.544	0.518
22	3	LDR-Unbiased	3.432	3.658	0.226
23	3	LDR-Unbiased	3.488	3.024	-0.464
25	3	LDR-Unbiased	3.304	3.446	0.142
26	3	LDR-Unbiased	3.05	2.892	-0.158
27	3	LDR-Unbiased	3	3.38	0.38
46	10	LDR-Biased	2.721	2.722	0.001
48	10	LDR-Biased	2.779	3.007	0.228
49	10	LDR-Biased	3.628	2.75	-0.878
50	10	LDR-Biased	3.327	3.313	-0.014
51	10	LDR-Biased	3.026	2.949	-0.077
52	10	LDR-Unbiased	3.432	3.303	-0.129
53	10	LDR-Unbiased	3.488	3.188	-0.3
55	10	LDR-Unbiased	3.304	3.033	-0.271
56	10	LDR-Unbiased	3.05	3.383	0.333
57	10	LDR-Unbiased	3	2.74	-0.26
76	30	LDR-Biased	2.721	2.816	0.095
78	30	LDR-Biased	2.779	3.089	0.31
79	30	LDR-Biased	3.628	3.476	-0.152
80	30	LDR-Biased	3.327	2.82	-0.507
81	30	LDR-Biased	3.026	3.645	0.619
82	30	LDR-Unbiased	3.432	3.507	0.075
83	30	LDR-Unbiased	3.488	2.802	-0.686
84	30	LDR-Unbiased	3	3.459	0.459
85	30	LDR-Unbiased	3.304	2.887	-0.417
86	30	LDR-Unbiased	3.05	3.142	0.092
87	100	LDR-Biased	3.431	2.923	-0.508
88	100	LDR-Biased	3.365	3.186	-0.179
90	100	LDR-Biased	3.561	3.59	0.029
91	100	LDR-Unbiased	2.674	2.801	0.127
93	100	LDR-Unbiased	3.225	3.213	-0.012
94	100	LDR-Unbiased	3.697	2.829	-0.868
95	100	LDR-Unbiased	3.187	3.06	-0.127
96	100	LDR-Unbiased	3.174	2.868	-0.306
106	50	LDR-Biased	2.721	3.074	0.353
108	50	LDR-Biased	2.779	3.461	0.682
109	50	LDR-Biased	3.628	3.036	-0.592
110	50	LDR-Biased	3.327	3.326	-0.001
111	50	LDR-Biased	3.026	3.363	0.337
112	50	LDR-Unbiased	3.432	2.71	-0.722
113	50	LDR-Unbiased	3.488	3.263	-0.225
115	50	LDR-Unbiased	3.304	3.055	-0.249
116	50	LDR-Unbiased	3.05	3.423	0.373
117	50	LDR-Unbiased	3	3.401	0.401

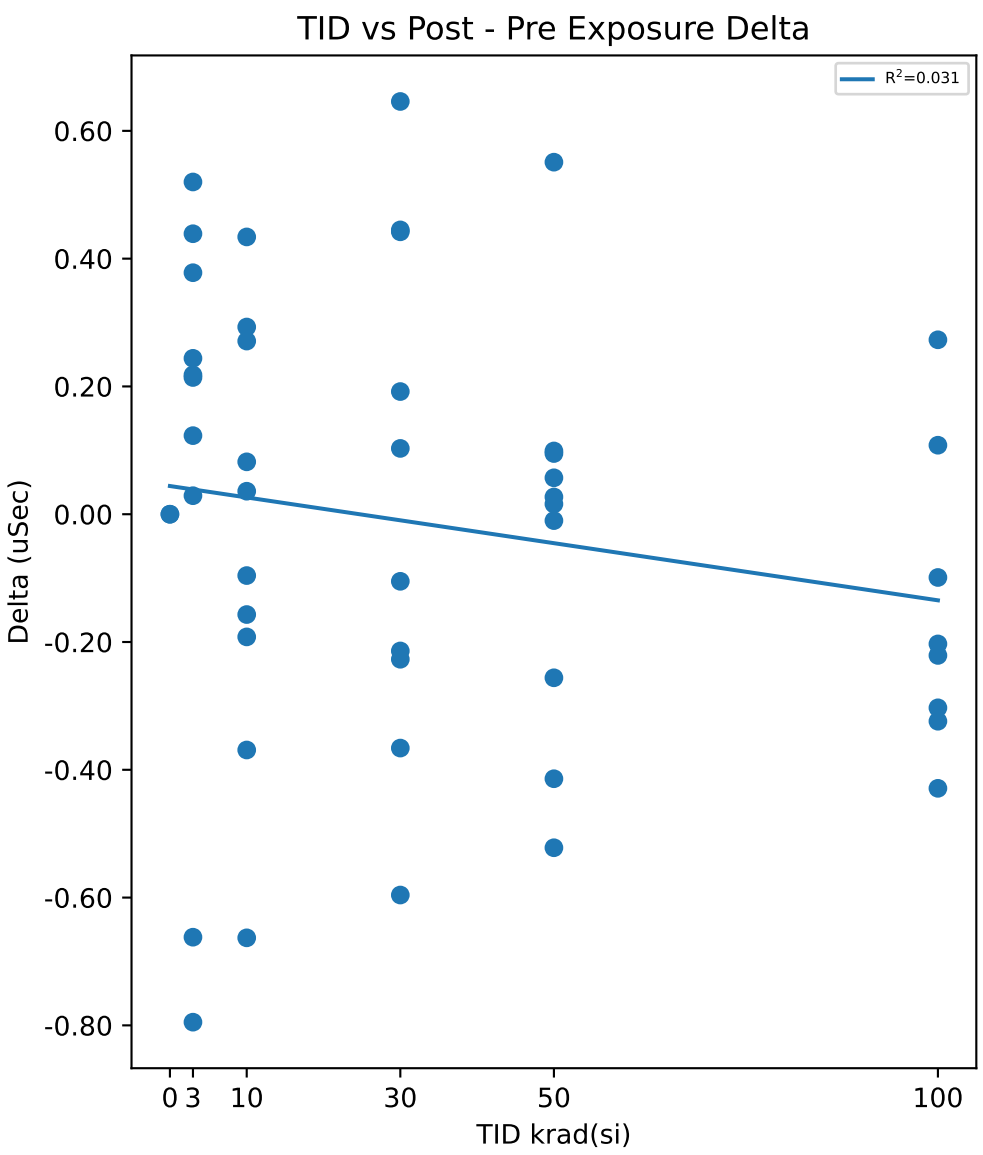


Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.324	3.4385	3.553	0.16193	3.324	3.4385	3.553	0.16193	0	0	0	0
3	2.721	3.1755	3.628	0.30557	2.832	3.3194	3.716	0.30804	-0.495	0.1439	0.995	0.48295
10	2.721	3.1755	3.628	0.30557	2.722	3.0388	3.383	0.25119	-0.878	-0.1367	0.333	0.33345
30	2.721	3.1755	3.628	0.30557	2.802	3.1643	3.645	0.33111	-0.686	-0.0112	0.619	0.42641
50	2.721	3.1755	3.628	0.30557	2.71	3.2112	3.461	0.23742	-0.722	0.0357	0.682	0.46843
100	2.674	3.2893	3.697	0.30992	2.801	3.0587	3.59	0.26626	-0.868	-0.2305	0.127	0.32631

Device Test: 5.39 tpd_EN4_SU/EN4/7/14/0/0/0/@TPD_EN





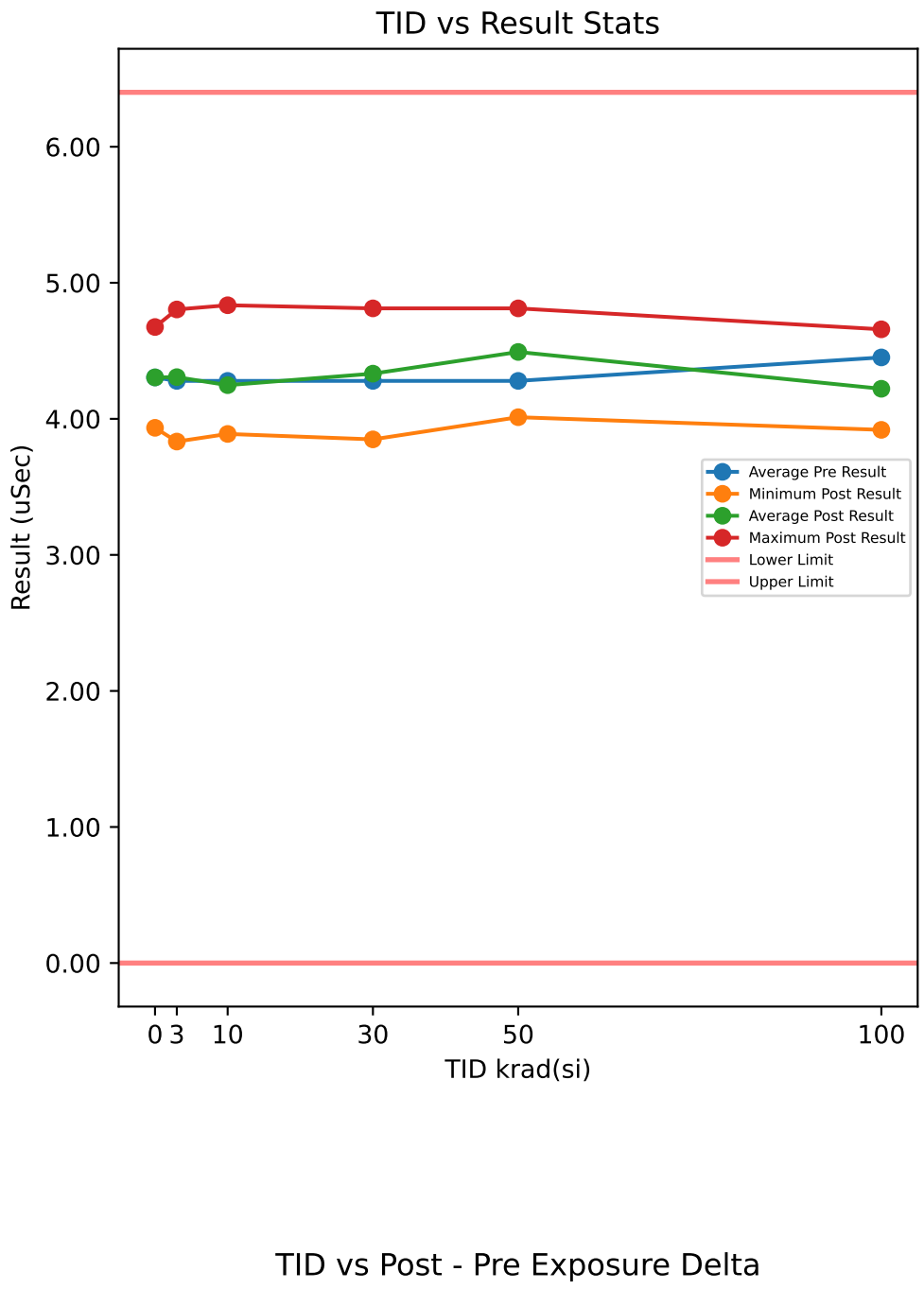
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

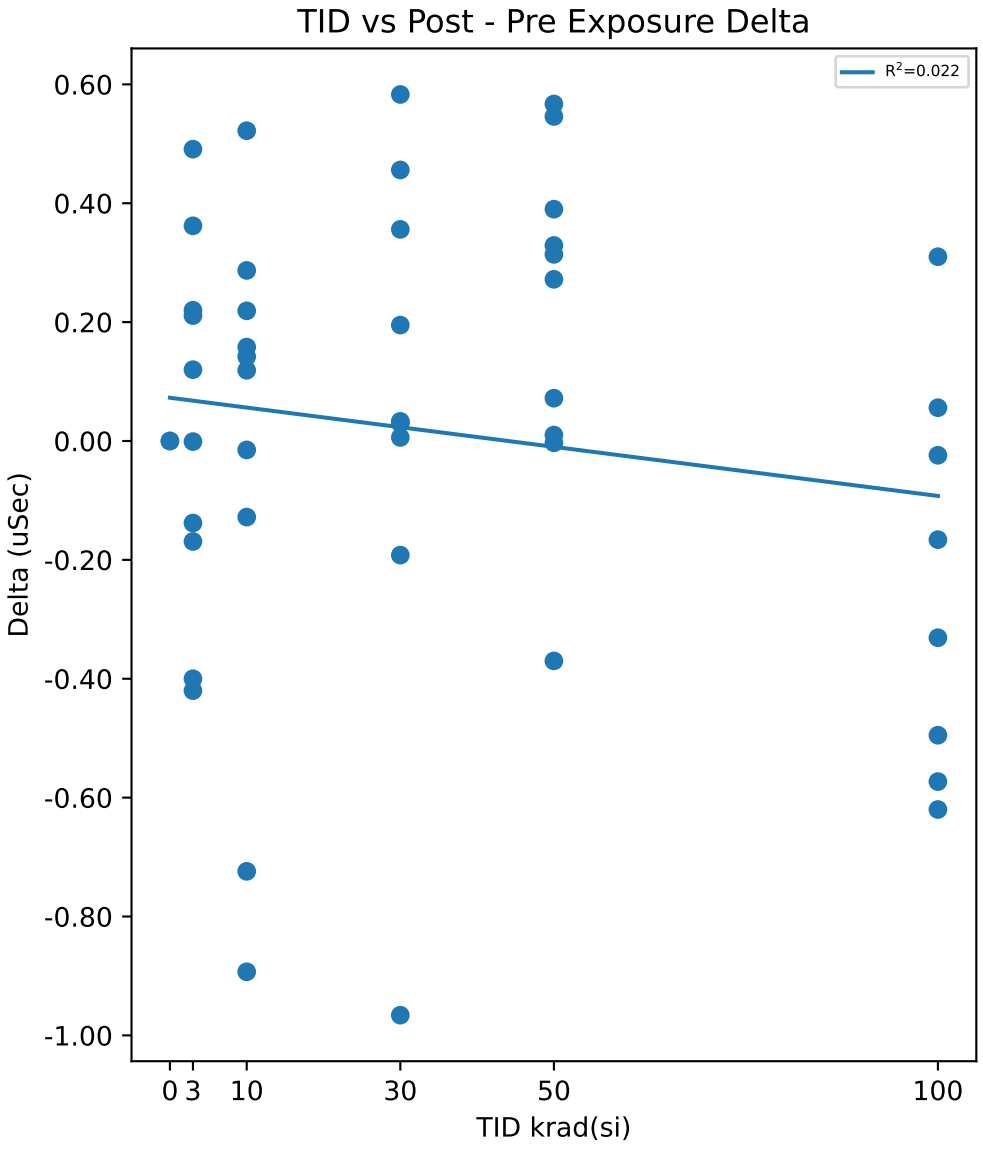
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.819	2.819	0
7	0	Correlation	2.849	2.849	0
16	3	LDR-Biased	3.02	3.398	0.378
18	3	LDR-Biased	3.522	3.551	0.029
19	3	LDR-Biased	3.591	2.796	-0.795
20	3	LDR-Biased	2.996	3.24	0.244
21	3	LDR-Biased	2.939	3.062	0.123
22	3	LDR-Unbiased	2.867	3.085	0.218
23	3	LDR-Unbiased	3.678	3.016	-0.662
25	3	LDR-Unbiased	2.745	3.265	0.52
26	3	LDR-Unbiased	2.829	3.043	0.214
27	3	LDR-Unbiased	3.175	3.614	0.439
46	10	LDR-Biased	3.02	2.828	-0.192
48	10	LDR-Biased	3.522	3.153	-0.369
49	10	LDR-Biased	3.591	3.673	0.082
50	10	LDR-Biased	2.996	3.267	0.271
51	10	LDR-Biased	2.939	3.232	0.293
52	10	LDR-Unbiased	2.867	2.903	0.036
53	10	LDR-Unbiased	3.678	3.015	-0.663
55	10	LDR-Unbiased	2.745	3.179	0.434
56	10	LDR-Unbiased	2.829	2.733	-0.096
57	10	LDR-Unbiased	3.175	3.018	-0.157
76	30	LDR-Biased	3.02	3.465	0.445
78	30	LDR-Biased	3.522	2.926	-0.596
79	30	LDR-Biased	3.591	3.364	-0.227
80	30	LDR-Biased	2.996	2.782	-0.214
81	30	LDR-Biased	2.939	3.131	0.192
82	30	LDR-Unbiased	2.867	3.309	0.442
83	30	LDR-Unbiased	3.678	3.312	-0.366
84	30	LDR-Unbiased	3.175	3.278	0.103
85	30	LDR-Unbiased	2.745	3.391	0.646
86	30	LDR-Unbiased	2.829	2.724	-0.105
87	100	LDR-Biased	3.169	3.07	-0.099
88	100	LDR-Biased	3.071	2.642	-0.429
90	100	LDR-Biased	3.465	3.244	-0.221
91	100	LDR-Unbiased	3.182	2.979	-0.203
93	100	LDR-Unbiased	3.39	3.087	-0.303
94	100	LDR-Unbiased	3.05	2.726	-0.324
95	100	LDR-Unbiased	2.778	3.051	0.273
96	100	LDR-Unbiased	3.152	3.26	0.108
106	50	LDR-Biased	3.02	3.01	-0.01
108	50	LDR-Biased	3.522	3.579	0.057
109	50	LDR-Biased	3.591	3.069	-0.522
110	50	LDR-Biased	2.996	3.091	0.095
111	50	LDR-Biased	2.939	3.038	0.099
112	50	LDR-Unbiased	2.867	3.418	0.551
113	50	LDR-Unbiased	3.678	3.264	-0.414
115	50	LDR-Unbiased	2.745	2.761	0.016
116	50	LDR-Unbiased	2.829	2.856	0.027
117	50	LDR-Unbiased	3.175	2.919	-0.256

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.819	2.834	2.849	0.021213	2.819	2.834	2.849	0.021213	0	0	0	0
3	2.745	3.1362	3.678	0.34037	2.796	3.207	3.614	0.25672	-0.795	0.0708	0.52	0.44659
10	2.745	3.1362	3.678	0.34037	2.733	3.1001	3.673	0.26752	-0.663	-0.0361	0.434	0.33151
30	2.745	3.1362	3.678	0.34037	2.724	3.1682	3.465	0.26565	-0.596	0.032	0.646	0.40076
50	2.745	3.1362	3.678	0.34037	2.761	3.1005	3.579	0.25335	-0.522	-0.0357	0.551	0.30248
100	2.778	3.1571	3.465	0.21127	2.642	3.0074	3.26	0.22215	-0.429	-0.14975	0.273	0.23527

Device Test: 5.4 tpd_SEQ_SU/SEQ_DONE/1.6/3/0/0/0/@TPD_SEQ_DONE





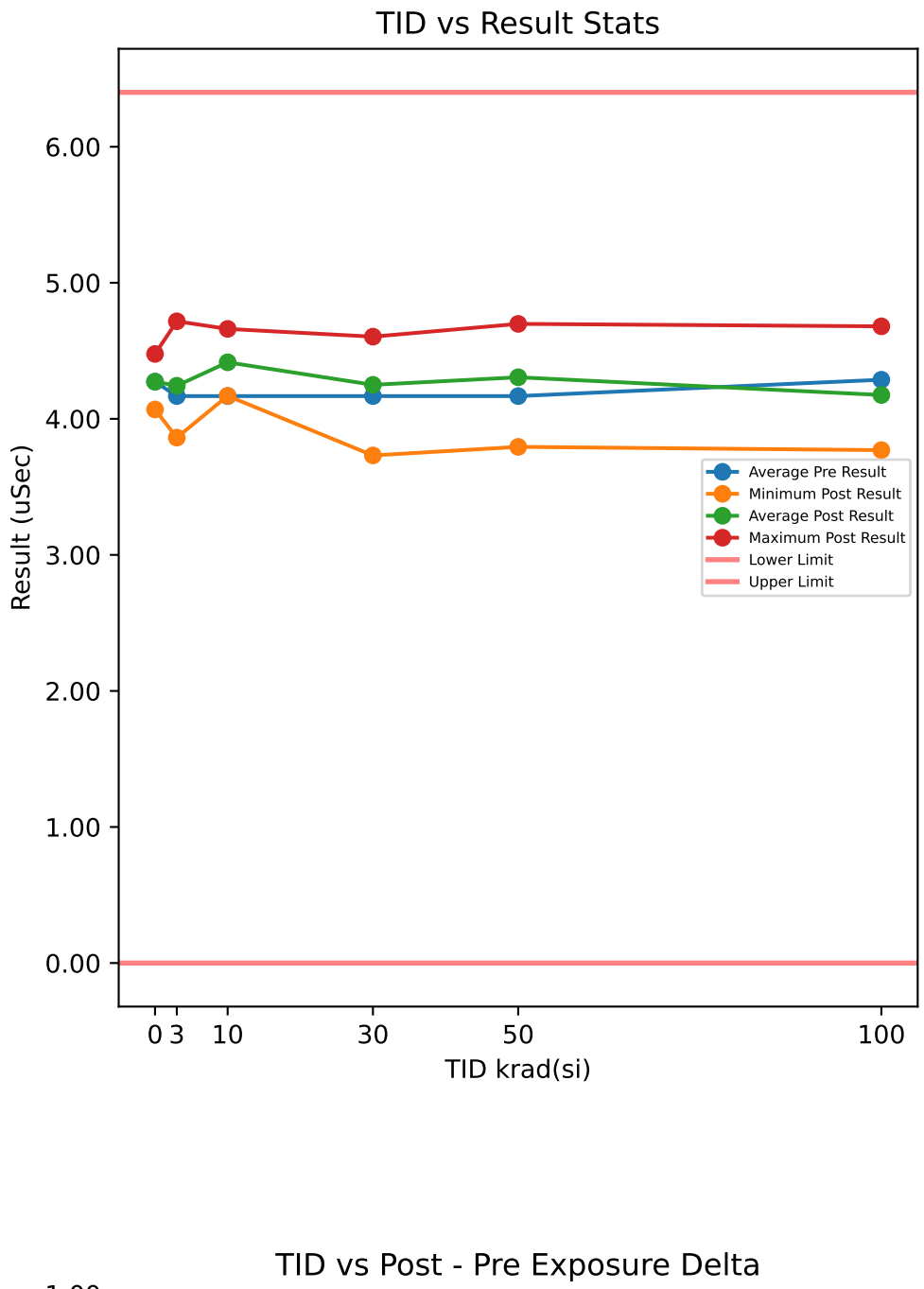
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

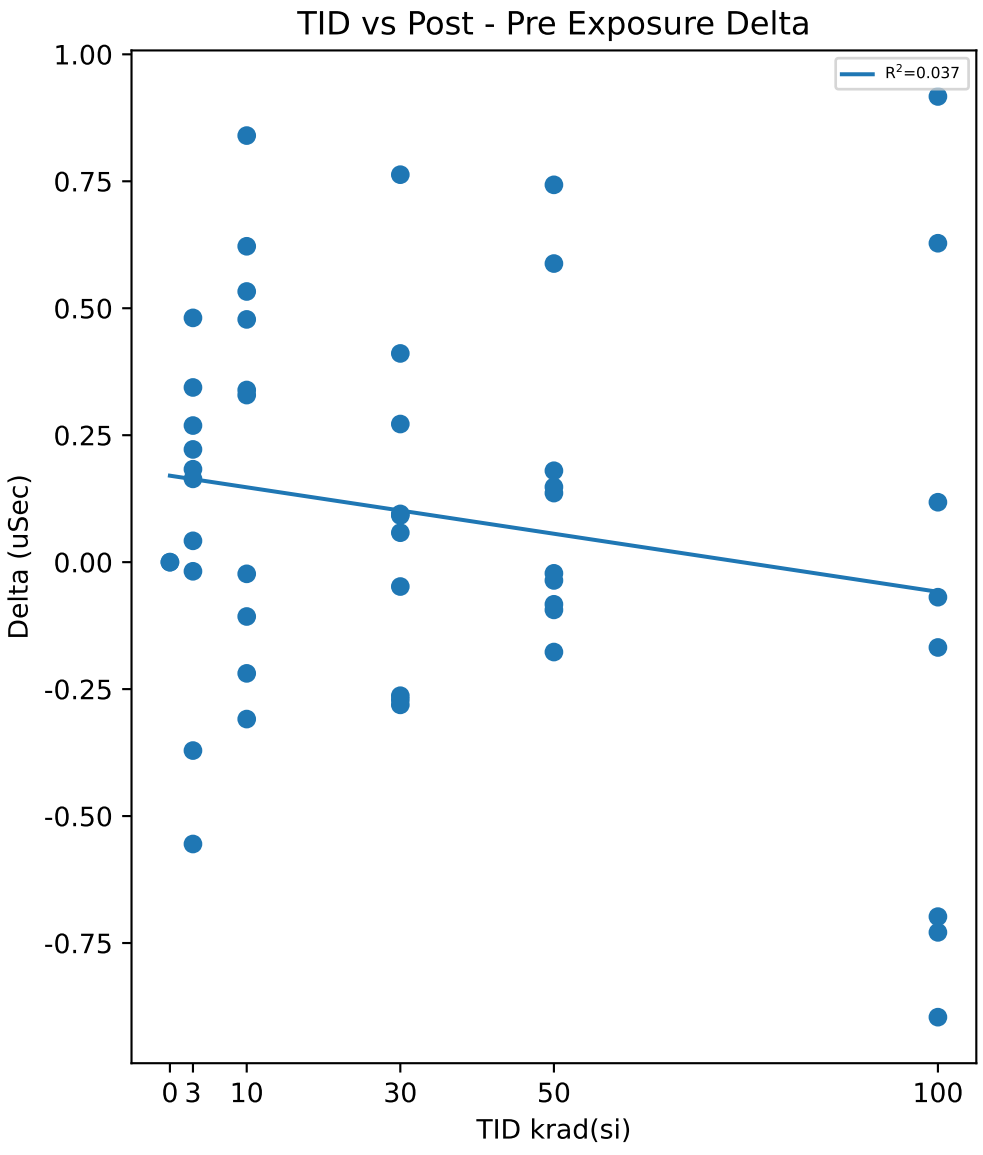
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	4.675	4.675	0
7	0	Correlation	3.934	3.934	0
16	3	LDR-Biased	4.126	4.337	0.211
18	3	LDR-Biased	4.002	3.833	-0.169
19	3	LDR-Biased	4.313	4.804	0.491
20	3	LDR-Biased	4.213	4.075	-0.138
21	3	LDR-Biased	4.782	4.362	-0.42
22	3	LDR-Unbiased	4.237	4.599	0.362
23	3	LDR-Unbiased	4.815	4.415	-0.4
25	3	LDR-Unbiased	3.95	4.17	0.22
26	3	LDR-Unbiased	4.242	4.241	-0.001
27	3	LDR-Unbiased	4.109	4.229	0.12
46	10	LDR-Biased	4.126	4.413	0.287
48	10	LDR-Biased	4.002	4.16	0.158
49	10	LDR-Biased	4.313	4.835	0.522
50	10	LDR-Biased	4.213	4.332	0.119
51	10	LDR-Biased	4.782	3.889	-0.893
52	10	LDR-Unbiased	4.237	4.109	-0.128
53	10	LDR-Unbiased	4.815	4.091	-0.724
55	10	LDR-Unbiased	3.95	3.935	-0.015
56	10	LDR-Unbiased	4.242	4.384	0.142
57	10	LDR-Unbiased	4.109	4.328	0.219
76	30	LDR-Biased	4.126	4.321	0.195
78	30	LDR-Biased	4.002	4.585	0.583
79	30	LDR-Biased	4.313	4.769	0.456
80	30	LDR-Biased	4.213	4.021	-0.192
81	30	LDR-Biased	4.782	4.812	0.03
82	30	LDR-Unbiased	4.237	4.243	0.006
83	30	LDR-Unbiased	4.815	3.849	-0.966
84	30	LDR-Unbiased	4.109	4.141	0.032
85	30	LDR-Unbiased	3.95	4.306	0.356
86	30	LDR-Unbiased	4.242	4.275	0.033
87	100	LDR-Biased	4.603	4.579	-0.024
88	100	LDR-Biased	4.348	4.017	-0.331
90	100	LDR-Biased	4.492	3.919	-0.573
91	100	LDR-Unbiased	3.885	4.195	0.31
93	100	LDR-Unbiased	4.602	4.658	0.056
94	100	LDR-Unbiased	4.253	4.087	-0.166
95	100	LDR-Unbiased	4.658	4.038	-0.62
96	100	LDR-Unbiased	4.77	4.275	-0.495
106	50	LDR-Biased	4.126	4.198	0.072
108	50	LDR-Biased	4.002	4.012	0.01
109	50	LDR-Biased	4.313	4.627	0.314
110	50	LDR-Biased	4.213	4.603	0.39
111	50	LDR-Biased	4.782	4.412	-0.37
112	50	LDR-Unbiased	4.237	4.509	0.272
113	50	LDR-Unbiased	4.815	4.812	-0.003
115	50	LDR-Unbiased	3.95	4.517	0.567
116	50	LDR-Unbiased	4.242	4.788	0.546
117	50	LDR-Unbiased	4.109	4.438	0.329

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.934	4.3045	4.675	0.52397	3.934	4.3045	4.675	0.52397	0	0	0	0
3	3.95	4.2789	4.815	0.29557	3.833	4.3065	4.804	0.26989	-0.42	0.0276	0.491	0.30837
10	3.95	4.2789	4.815	0.29557	3.889	4.2476	4.835	0.27534	-0.893	-0.0313	0.522	0.44604
30	3.95	4.2789	4.815	0.29557	3.849	4.3322	4.812	0.30981	-0.966	0.0533	0.583	0.42911
50	3.95	4.2789	4.815	0.29557	4.012	4.4916	4.812	0.24667	-0.37	0.2127	0.567	0.28719
100	3.885	4.4514	4.77	0.28344	3.919	4.221	4.658	0.26912	-0.62	-0.23037	0.31	0.33168

Device Test: 5.40 tpd_SEQ_SU/SEQ_DONE/7/14/0/0/0/@TPD_SEQ_DONE





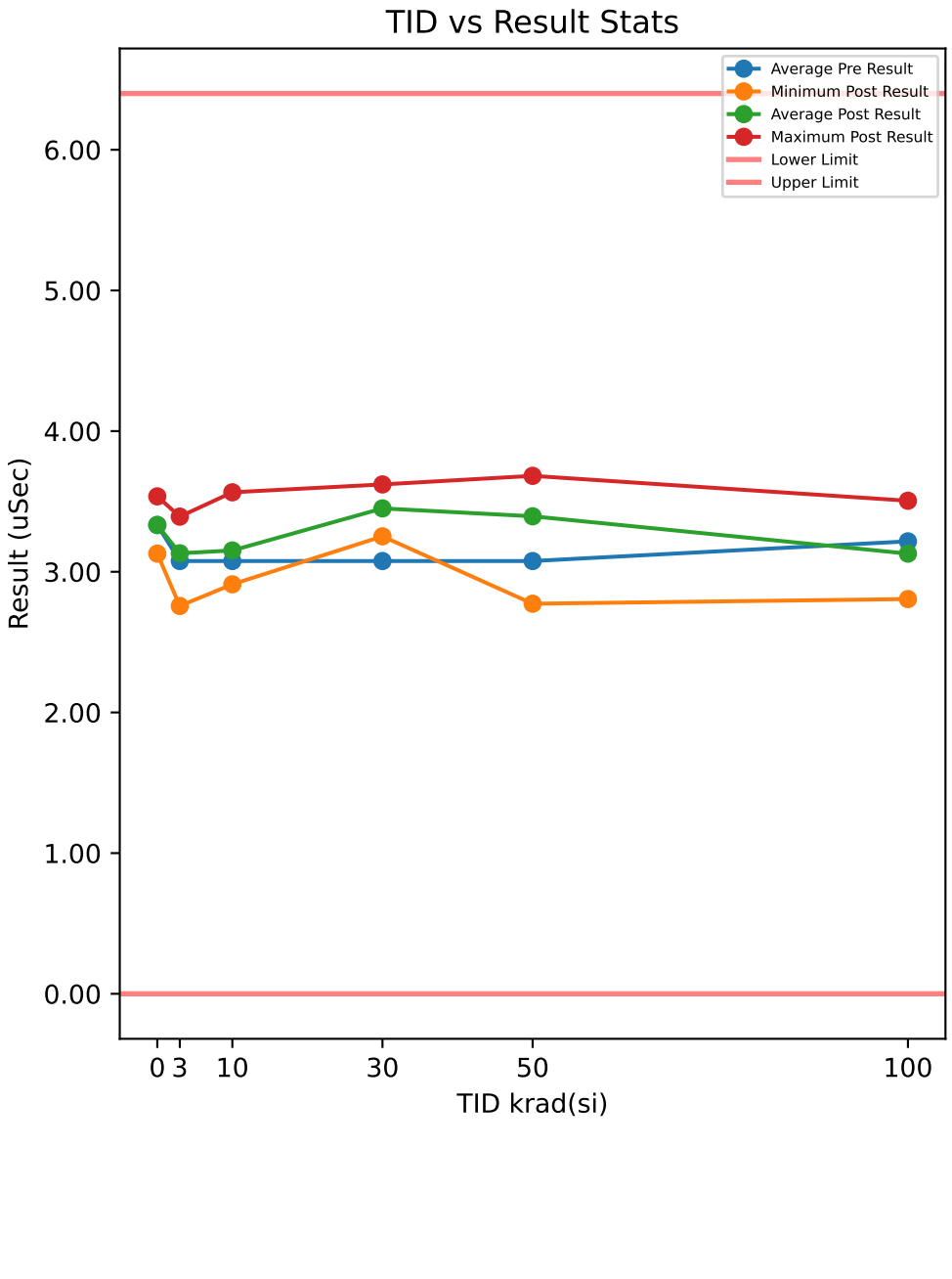
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

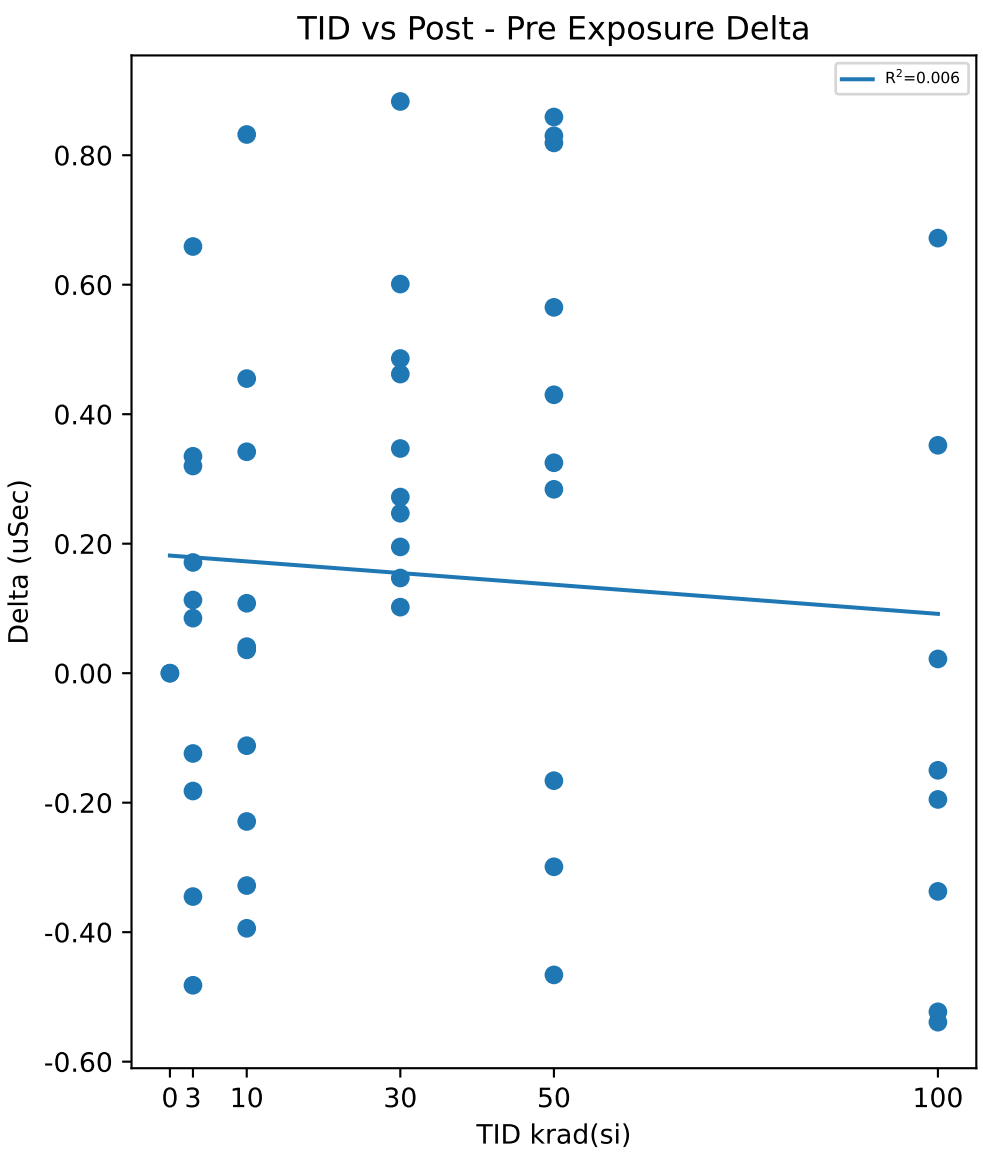
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	4.477	4.477	0
7	0	Correlation	4.069	4.069	0
16	3	LDR-Biased	4.214	4.196	-0.018
18	3	LDR-Biased	3.779	3.943	0.164
19	3	LDR-Biased	3.82	3.862	0.042
20	3	LDR-Biased	4.067	4.289	0.222
21	3	LDR-Biased	4.373	4.717	0.344
22	3	LDR-Unbiased	4.332	4.601	0.269
23	3	LDR-Unbiased	4.72	4.349	-0.371
25	3	LDR-Unbiased	3.83	4.013	0.183
26	3	LDR-Unbiased	4.657	4.102	-0.555
27	3	LDR-Unbiased	3.88	4.361	0.481
46	10	LDR-Biased	4.214	4.191	-0.023
48	10	LDR-Biased	3.779	4.619	0.84
49	10	LDR-Biased	3.82	4.353	0.533
50	10	LDR-Biased	4.067	4.545	0.478
51	10	LDR-Biased	4.373	4.266	-0.107
52	10	LDR-Unbiased	4.332	4.661	0.329
53	10	LDR-Unbiased	4.72	4.411	-0.309
55	10	LDR-Unbiased	3.83	4.169	0.339
56	10	LDR-Unbiased	4.657	4.438	-0.219
57	10	LDR-Unbiased	3.88	4.502	0.622
76	30	LDR-Biased	4.214	4.309	0.095
78	30	LDR-Biased	3.779	3.731	-0.048
79	30	LDR-Biased	3.82	4.583	0.763
80	30	LDR-Biased	4.067	4.125	0.058
81	30	LDR-Biased	4.373	4.092	-0.281
82	30	LDR-Unbiased	4.332	4.604	0.272
83	30	LDR-Unbiased	4.72	4.449	-0.271
84	30	LDR-Unbiased	3.88	4.291	0.411
85	30	LDR-Unbiased	3.83	3.922	0.092
86	30	LDR-Unbiased	4.657	4.394	-0.263
87	100	LDR-Biased	4.316	4.148	-0.168
88	100	LDR-Biased	4.216	4.334	0.118
90	100	LDR-Biased	4.666	3.77	-0.896
91	100	LDR-Unbiased	3.763	4.68	0.917
93	100	LDR-Unbiased	4.702	4.004	-0.698
94	100	LDR-Unbiased	4.1	4.031	-0.069
95	100	LDR-Unbiased	4.563	3.834	-0.729
96	100	LDR-Unbiased	3.973	4.601	0.628
106	50	LDR-Biased	4.214	4.12	-0.094
108	50	LDR-Biased	3.779	4.367	0.588
109	50	LDR-Biased	3.82	4.563	0.743
110	50	LDR-Biased	4.067	4.203	0.136
111	50	LDR-Biased	4.373	4.196	-0.177
112	50	LDR-Unbiased	4.332	4.48	0.148
113	50	LDR-Unbiased	4.72	4.698	-0.022
115	50	LDR-Unbiased	3.83	3.794	-0.036
116	50	LDR-Unbiased	4.657	4.574	-0.083
117	50	LDR-Unbiased	3.88	4.06	0.18

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.069	4.273	4.477	0.2885	4.069	4.273	4.477	0.2885	0	0	0	0
3	3.779	4.1672	4.72	0.34875	3.862	4.2433	4.717	0.27694	-0.555	0.0761	0.481	0.31999
10	3.779	4.1672	4.72	0.34875	4.169	4.4155	4.661	0.17123	-0.309	0.2483	0.84	0.38974
30	3.779	4.1672	4.72	0.34875	3.731	4.25	4.604	0.28269	-0.281	0.0828	0.763	0.33354
50	3.779	4.1672	4.72	0.34875	3.794	4.3055	4.698	0.27998	-0.177	0.1383	0.743	0.30334
100	3.763	4.2874	4.702	0.33934	3.77	4.1753	4.68	0.33654	-0.896	-0.11213	0.917	0.65499

Device Test: 5.41 tpd_PWRGD_SU/PWRGD/7/14/0/0/0/@TPD_PWRGD





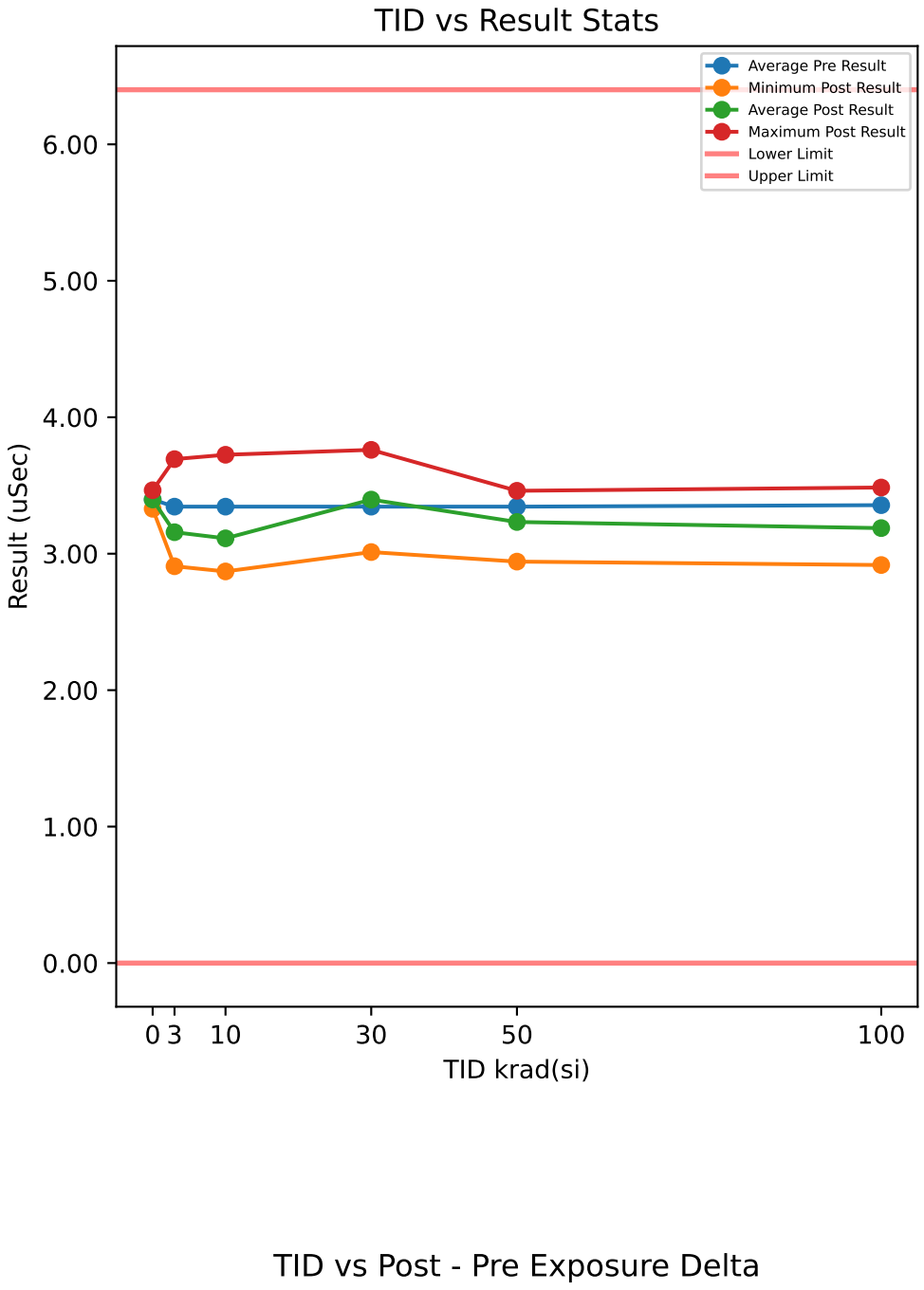
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

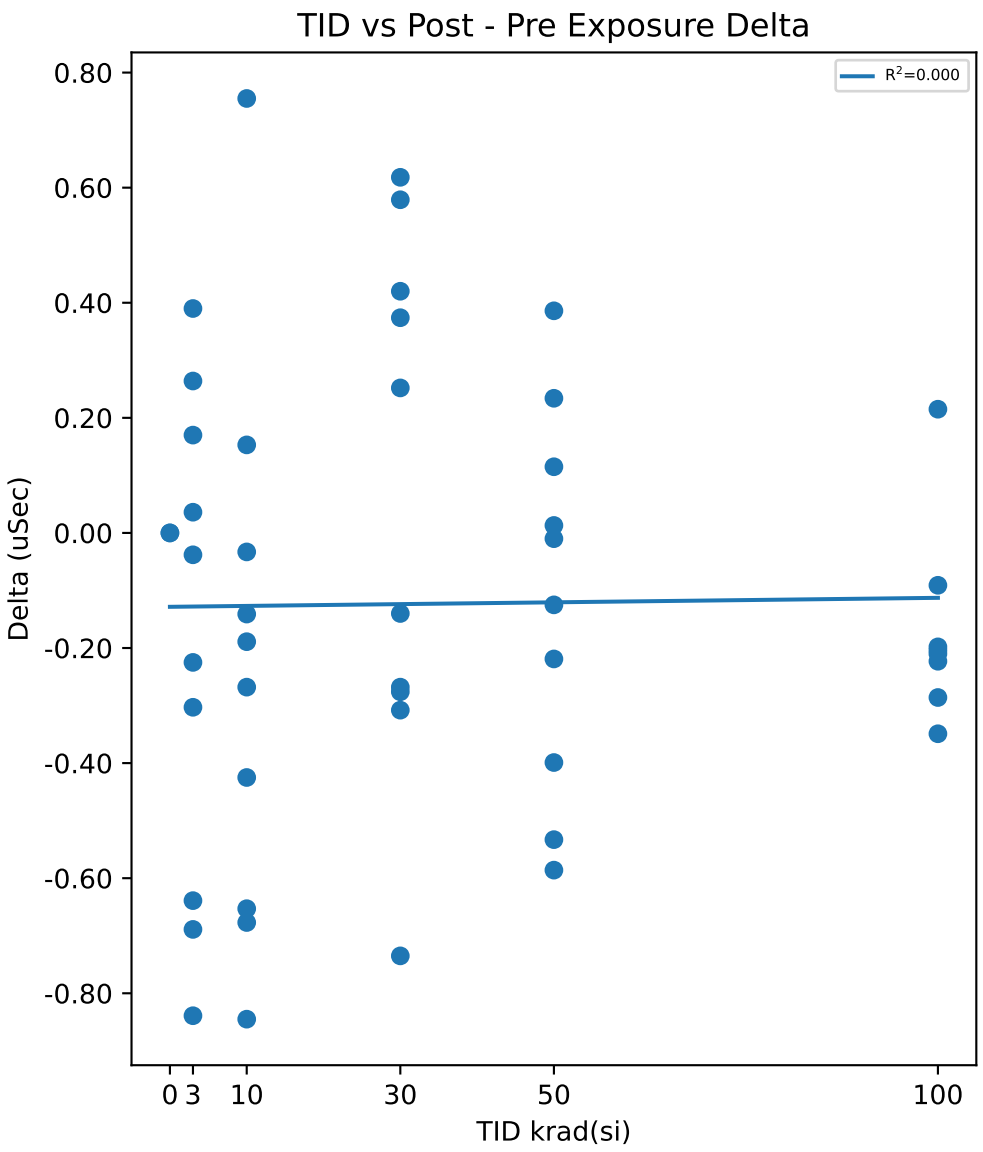
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.129	3.129	0
7	0	Correlation	3.536	3.536	0
16	3	LDR-Biased	3.223	3.336	0.113
18	3	LDR-Biased	3.347	3.165	-0.182
19	3	LDR-Biased	3.374	3.25	-0.124
20	3	LDR-Biased	3.15	2.805	-0.345
21	3	LDR-Biased	3.212	3.297	0.085
22	3	LDR-Unbiased	2.823	3.158	0.335
23	3	LDR-Unbiased	2.792	2.963	0.171
25	3	LDR-Unbiased	2.733	3.392	0.659
26	3	LDR-Unbiased	2.871	3.191	0.32
27	3	LDR-Unbiased	3.239	2.757	-0.482
46	10	LDR-Biased	3.223	3.111	-0.112
48	10	LDR-Biased	3.347	2.953	-0.394
49	10	LDR-Biased	3.374	3.145	-0.229
50	10	LDR-Biased	3.15	3.186	0.036
51	10	LDR-Biased	3.212	3.253	0.041
52	10	LDR-Unbiased	2.823	2.931	0.108
53	10	LDR-Unbiased	2.792	3.247	0.455
55	10	LDR-Unbiased	2.733	3.565	0.832
56	10	LDR-Unbiased	2.871	3.213	0.342
57	10	LDR-Unbiased	3.239	2.911	-0.328
76	30	LDR-Biased	3.223	3.57	0.347
78	30	LDR-Biased	3.347	3.542	0.195
79	30	LDR-Biased	3.374	3.621	0.247
80	30	LDR-Biased	3.15	3.252	0.102
81	30	LDR-Biased	3.212	3.484	0.272
82	30	LDR-Unbiased	2.823	3.285	0.462
83	30	LDR-Unbiased	2.792	3.278	0.486
84	30	LDR-Unbiased	3.239	3.386	0.147
85	30	LDR-Unbiased	2.733	3.616	0.883
86	30	LDR-Unbiased	2.871	3.472	0.601
87	100	LDR-Biased	2.833	3.505	0.672
88	100	LDR-Biased	3.703	3.366	-0.337
90	100	LDR-Biased	3.43	3.28	-0.15
91	100	LDR-Unbiased	2.843	2.865	0.022
93	100	LDR-Unbiased	2.868	3.22	0.352
94	100	LDR-Unbiased	3.345	2.806	-0.539
95	100	LDR-Unbiased	3.534	3.011	-0.523
96	100	LDR-Unbiased	3.174	2.979	-0.195
106	50	LDR-Biased	3.223	3.653	0.43
108	50	LDR-Biased	3.347	3.181	-0.166
109	50	LDR-Biased	3.374	3.658	0.284
110	50	LDR-Biased	3.15	3.475	0.325
111	50	LDR-Biased	3.212	2.913	-0.299
112	50	LDR-Unbiased	2.823	3.682	0.859
113	50	LDR-Unbiased	2.792	3.622	0.83
115	50	LDR-Unbiased	2.733	3.552	0.819
116	50	LDR-Unbiased	2.871	3.436	0.565
117	50	LDR-Unbiased	3.239	2.773	-0.466

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.129	3.3325	3.536	0.28779	3.129	3.3325	3.536	0.28779	0	0	0	0
3	2.733	3.0764	3.374	0.24466	2.757	3.1314	3.392	0.21902	-0.482	0.055	0.659	0.34444
10	2.733	3.0764	3.374	0.24466	2.911	3.1515	3.565	0.1952	-0.394	0.0751	0.832	0.38039
30	2.733	3.0764	3.374	0.24466	3.252	3.4506	3.621	0.14197	0.102	0.3742	0.883	0.23938
50	2.733	3.0764	3.374	0.24466	2.773	3.3945	3.682	0.32785	-0.466	0.3181	0.859	0.48422
100	2.833	3.2163	3.703	0.34005	2.806	3.129	3.505	0.25045	-0.539	-0.08725	0.672	0.42312

Device Test: 5.42 tpd_EN1_SD/EN1/7/14/0/0/0/@TPD_EN





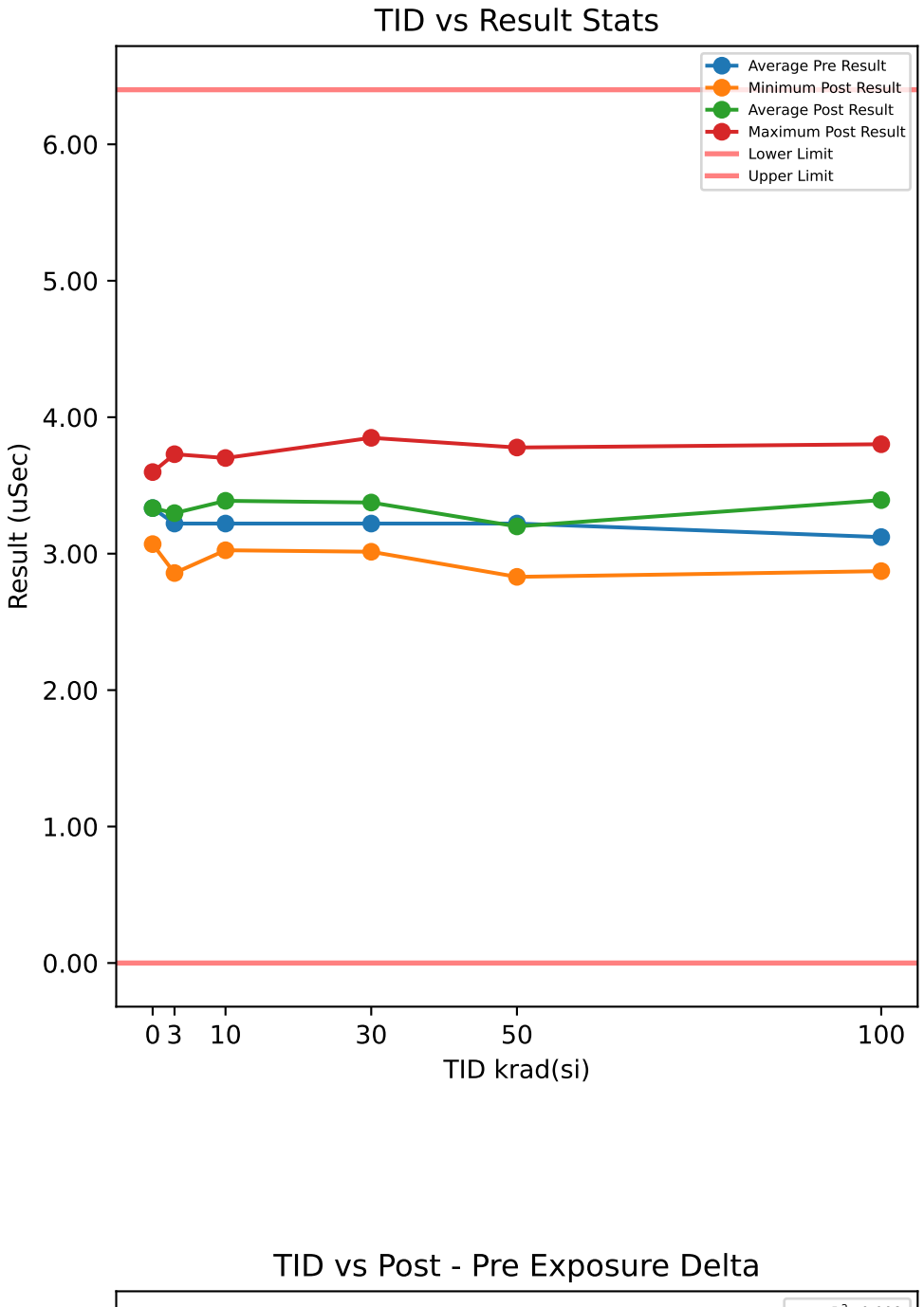
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

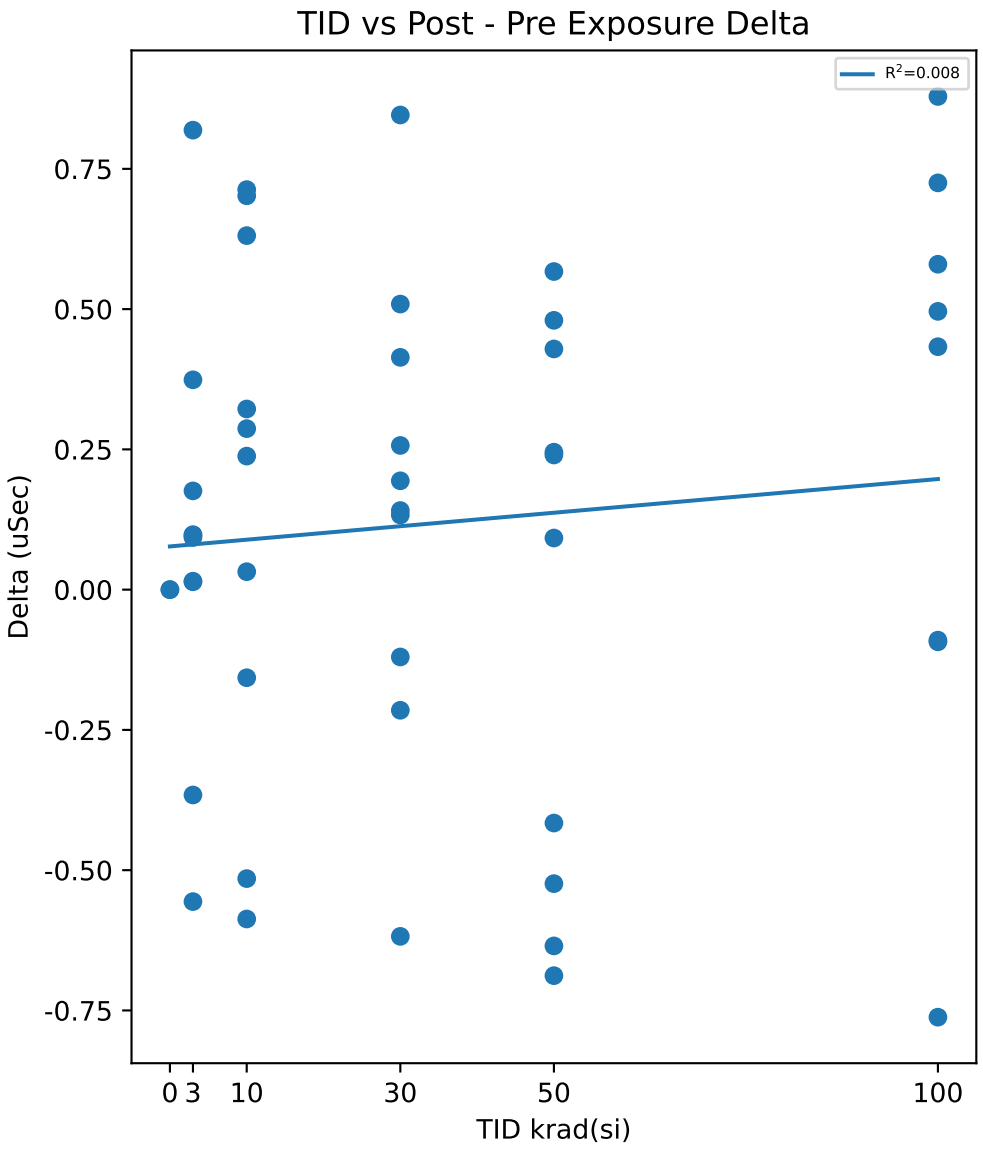
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.329	3.329	0
7	0	Correlation	3.465	3.465	0
16	3	LDR-Biased	3.316	3.013	-0.303
18	3	LDR-Biased	3.523	3.693	0.17
19	3	LDR-Biased	3.127	3.517	0.39
20	3	LDR-Biased	3.248	3.21	-0.038
21	3	LDR-Biased	2.931	2.967	0.036
22	3	LDR-Unbiased	2.97	3.234	0.264
23	3	LDR-Unbiased	3.659	2.97	-0.689
25	3	LDR-Unbiased	3.586	2.947	-0.639
26	3	LDR-Unbiased	3.747	2.908	-0.839
27	3	LDR-Unbiased	3.341	3.116	-0.225
46	10	LDR-Biased	3.316	3.127	-0.189
48	10	LDR-Biased	3.523	2.87	-0.653
49	10	LDR-Biased	3.127	2.986	-0.141
50	10	LDR-Biased	3.248	2.98	-0.268
51	10	LDR-Biased	2.931	2.898	-0.033
52	10	LDR-Unbiased	2.97	3.725	0.755
53	10	LDR-Unbiased	3.659	2.982	-0.677
55	10	LDR-Unbiased	3.586	3.161	-0.425
56	10	LDR-Unbiased	3.747	2.902	-0.845
57	10	LDR-Unbiased	3.341	3.494	0.153
76	30	LDR-Biased	3.316	3.176	-0.14
78	30	LDR-Biased	3.523	3.255	-0.268
79	30	LDR-Biased	3.127	3.745	0.618
80	30	LDR-Biased	3.248	3.622	0.374
81	30	LDR-Biased	2.931	3.183	0.252
82	30	LDR-Unbiased	2.97	3.549	0.579
83	30	LDR-Unbiased	3.659	3.351	-0.308
84	30	LDR-Unbiased	3.341	3.761	0.42
85	30	LDR-Unbiased	3.586	3.31	-0.276
86	30	LDR-Unbiased	3.747	3.012	-0.735
87	100	LDR-Biased	3.689	3.485	-0.204
88	100	LDR-Biased	3.463	3.265	-0.198
90	100	LDR-Biased	3.698	3.475	-0.223
91	100	LDR-Unbiased	3.266	2.917	-0.349
93	100	LDR-Unbiased	3.41	3.124	-0.286
94	100	LDR-Unbiased	2.96	3.175	0.215
95	100	LDR-Unbiased	3.136	3.045	-0.091
96	100	LDR-Unbiased	3.224	3.014	-0.21
106	50	LDR-Biased	3.316	3.306	-0.01
108	50	LDR-Biased	3.523	2.99	-0.533
109	50	LDR-Biased	3.127	3.14	0.013
110	50	LDR-Biased	3.248	3.363	0.115
111	50	LDR-Biased	2.931	3.317	0.386
112	50	LDR-Unbiased	2.97	3.204	0.234
113	50	LDR-Unbiased	3.659	3.44	-0.219
115	50	LDR-Unbiased	3.586	3.461	-0.125
116	50	LDR-Unbiased	3.747	3.161	-0.586
117	50	LDR-Unbiased	3.341	2.942	-0.399

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.329	3.397	3.465	0.096167	3.329	3.397	3.465	0.096167	0	0	0	0
3	2.931	3.3448	3.747	0.2828	2.908	3.1575	3.693	0.26357	-0.839	-0.1873	0.39	0.42584
10	2.931	3.3448	3.747	0.2828	2.87	3.1125	3.725	0.28343	-0.845	-0.2323	0.755	0.46687
30	2.931	3.3448	3.747	0.2828	3.012	3.3964	3.761	0.25821	-0.735	0.0516	0.618	0.45619
50	2.931	3.3448	3.747	0.2828	2.942	3.2324	3.461	0.17717	-0.586	-0.1124	0.386	0.32338
100	2.96	3.3558	3.698	0.25993	2.917	3.1875	3.485	0.20872	-0.349	-0.16825	0.215	0.17167

Device Test: 5.43 tpd_EN2_SD/EN2/7/14/0/0/0/@TPD_EN





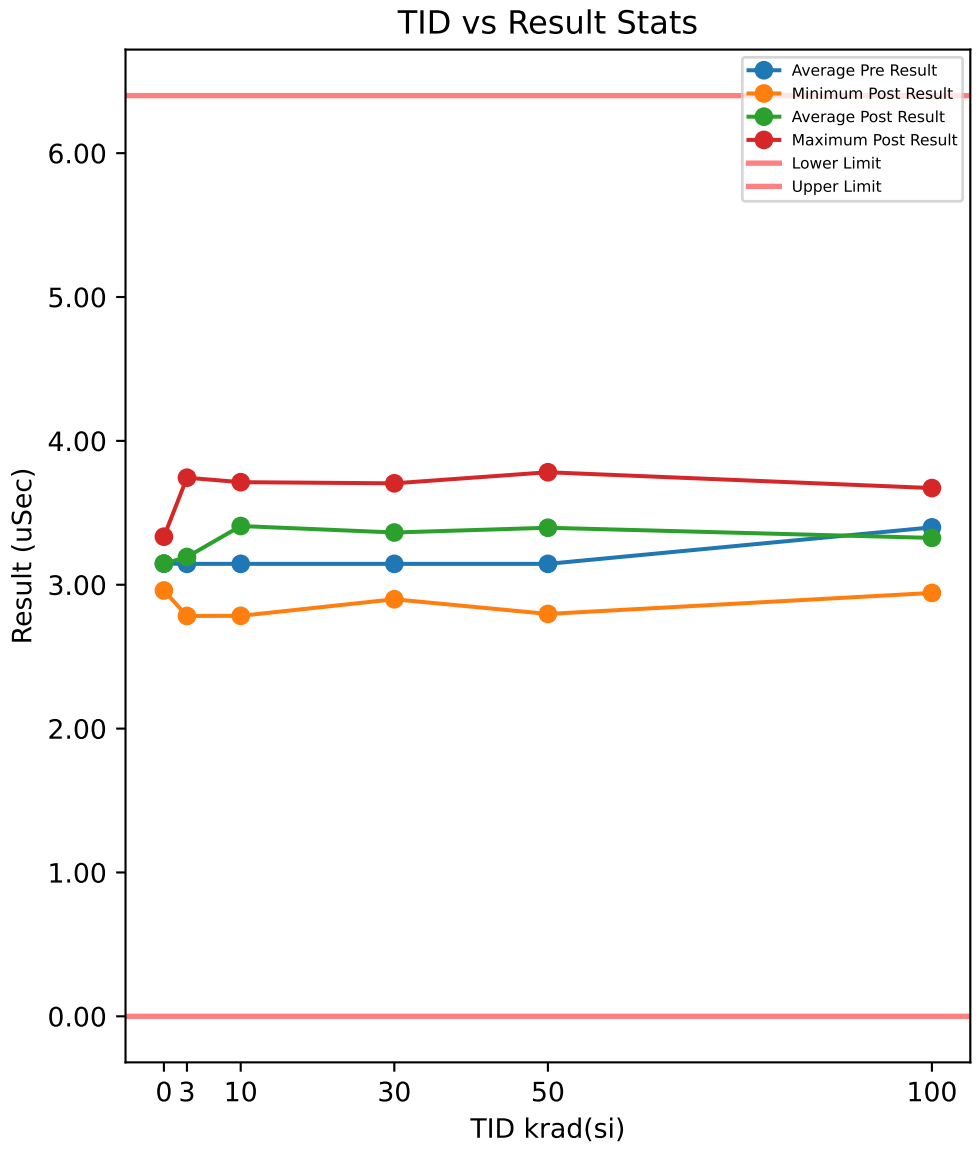
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

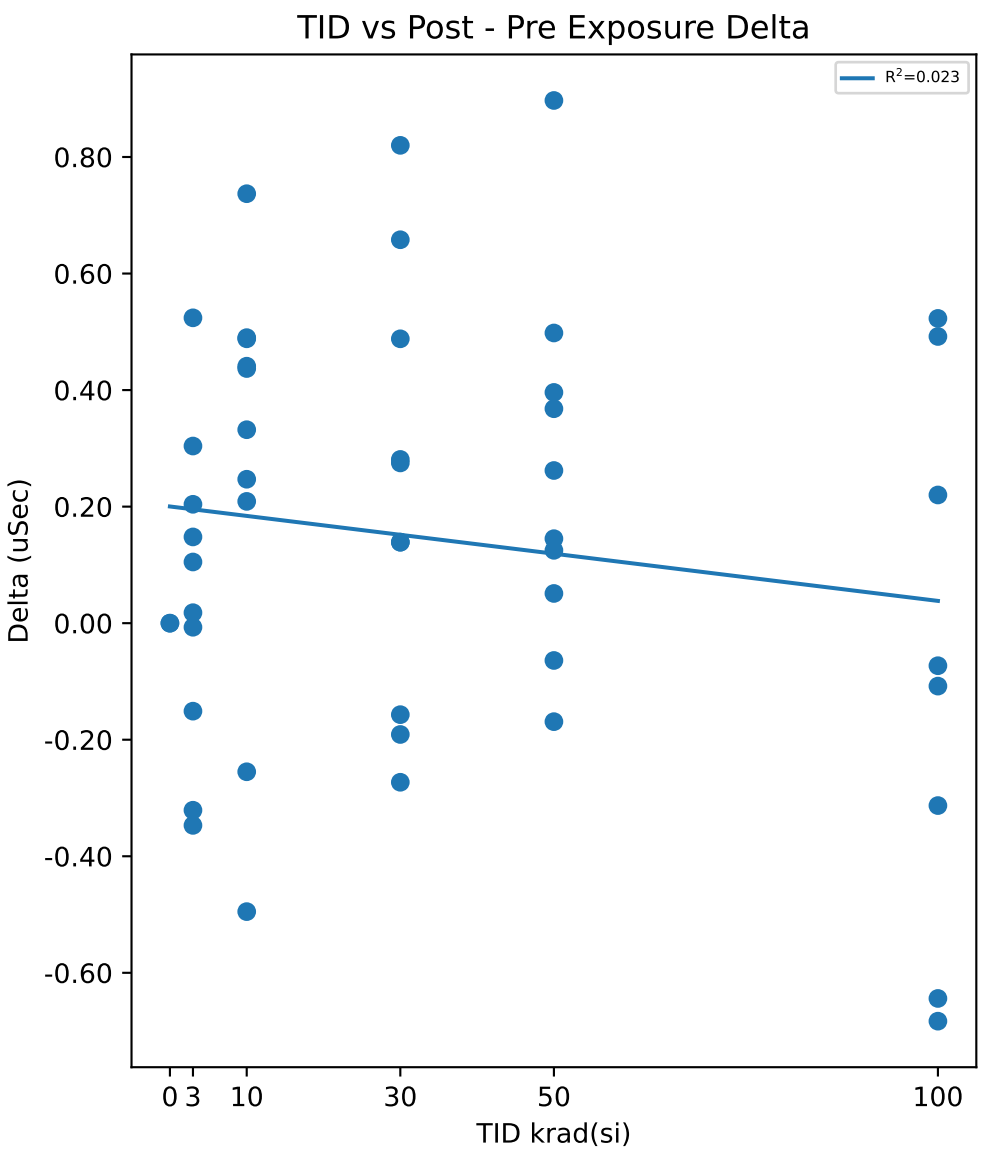
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.598	3.598	0
7	0	Correlation	3.07	3.07	0
16	3	LDR-Biased	3.003	3.017	0.014
18	3	LDR-Biased	2.881	2.974	0.093
19	3	LDR-Biased	3.54	3.555	0.015
20	3	LDR-Biased	3.414	2.858	-0.556
21	3	LDR-Biased	3.354	3.728	0.374
22	3	LDR-Unbiased	2.934	3.11	0.176
23	3	LDR-Unbiased	3.349	3.447	0.098
25	3	LDR-Unbiased	3.819	3.453	-0.366
26	3	LDR-Unbiased	3.003	3.1	0.097
27	3	LDR-Unbiased	2.91	3.729	0.819
46	10	LDR-Biased	3.003	3.634	0.631
48	10	LDR-Biased	2.881	3.583	0.702
49	10	LDR-Biased	3.54	3.025	-0.515
50	10	LDR-Biased	3.414	3.701	0.287
51	10	LDR-Biased	3.354	3.197	-0.157
52	10	LDR-Unbiased	2.934	3.172	0.238
53	10	LDR-Unbiased	3.349	3.381	0.032
55	10	LDR-Unbiased	3.819	3.232	-0.587
56	10	LDR-Unbiased	3.003	3.325	0.322
57	10	LDR-Unbiased	2.91	3.623	0.713
76	30	LDR-Biased	3.003	3.849	0.846
78	30	LDR-Biased	2.881	3.014	0.133
79	30	LDR-Biased	3.54	3.42	-0.12
80	30	LDR-Biased	3.414	3.671	0.257
81	30	LDR-Biased	3.354	3.139	-0.215
82	30	LDR-Unbiased	2.934	3.128	0.194
83	30	LDR-Unbiased	3.349	3.763	0.414
84	30	LDR-Unbiased	2.91	3.051	0.141
85	30	LDR-Unbiased	3.819	3.201	-0.618
86	30	LDR-Unbiased	3.003	3.512	0.509
87	100	LDR-Biased	2.954	3.387	0.433
88	100	LDR-Biased	2.912	3.492	0.58
90	100	LDR-Biased	2.962	2.872	-0.09
91	100	LDR-Unbiased	3.634	2.872	-0.762
93	100	LDR-Unbiased	2.889	3.614	0.725
94	100	LDR-Unbiased	3.265	3.761	0.496
95	100	LDR-Unbiased	3.433	3.34	-0.093
96	100	LDR-Unbiased	2.923	3.802	0.879
106	50	LDR-Biased	3.003	3.248	0.245
108	50	LDR-Biased	2.881	3.361	0.48
109	50	LDR-Biased	3.54	2.905	-0.635
110	50	LDR-Biased	3.414	2.998	-0.416
111	50	LDR-Biased	3.354	2.83	-0.524
112	50	LDR-Unbiased	2.934	3.174	0.24
113	50	LDR-Unbiased	3.349	3.778	0.429
115	50	LDR-Unbiased	3.819	3.131	-0.688
116	50	LDR-Unbiased	3.003	3.095	0.092
117	50	LDR-Unbiased	2.91	3.477	0.567

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.07	3.334	3.598	0.37335	3.07	3.334	3.598	0.37335	0	0	0	0
3	2.881	3.2207	3.819	0.3198	2.858	3.2971	3.729	0.32232	-0.556	0.0764	0.819	0.37334
10	2.881	3.2207	3.819	0.3198	3.025	3.3873	3.701	0.23452	-0.587	0.1666	0.713	0.4714
30	2.881	3.2207	3.819	0.3198	3.014	3.3748	3.849	0.31018	-0.618	0.1541	0.846	0.40723
50	2.881	3.2207	3.819	0.3198	2.83	3.1997	3.778	0.28289	-0.688	-0.021	0.567	0.49237
100	2.889	3.1215	3.634	0.28564	2.872	3.3925	3.802	0.35997	-0.762	0.271	0.879	0.54485

Device Test: 5.44 tpd_EN3_SD/EN3/7/14/0/0/0/@TPD_EN





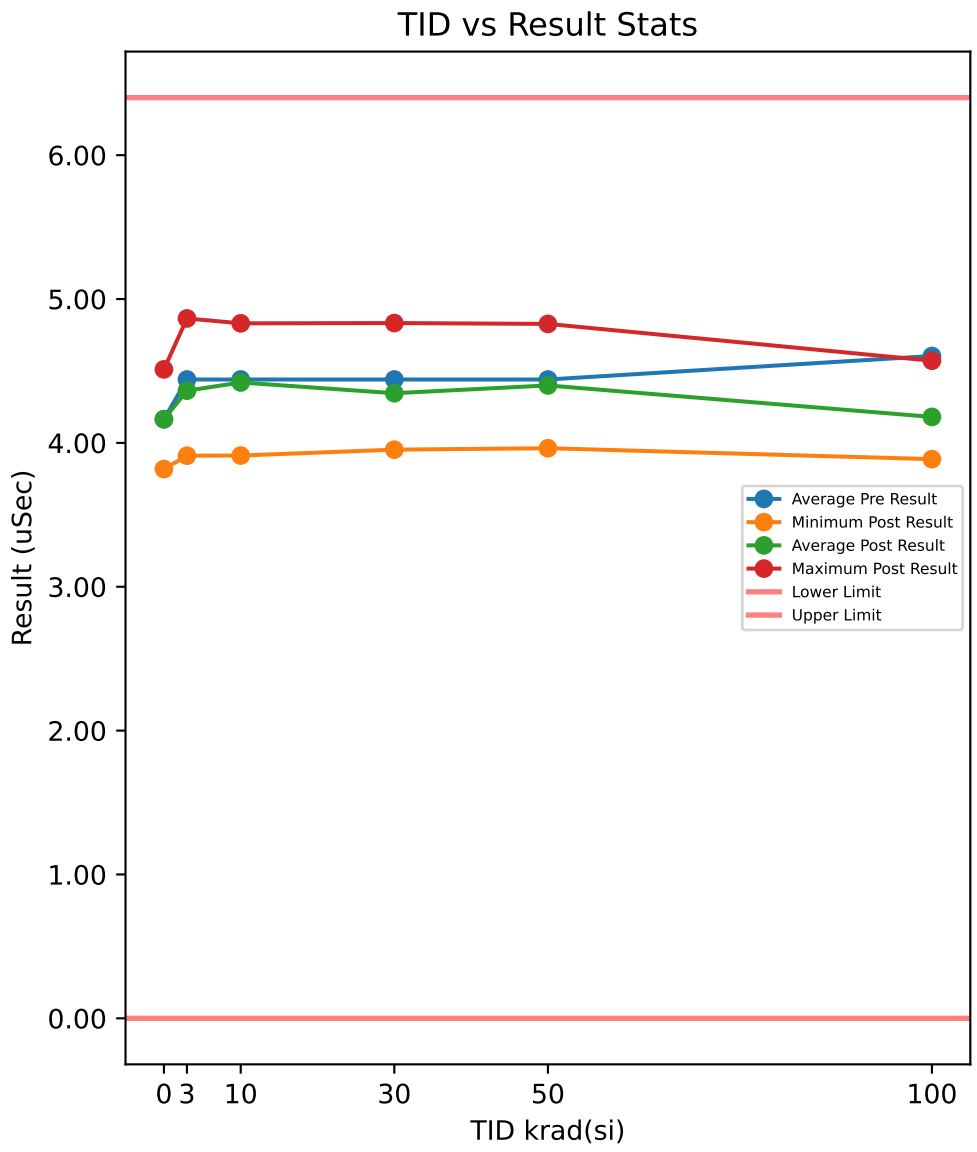
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

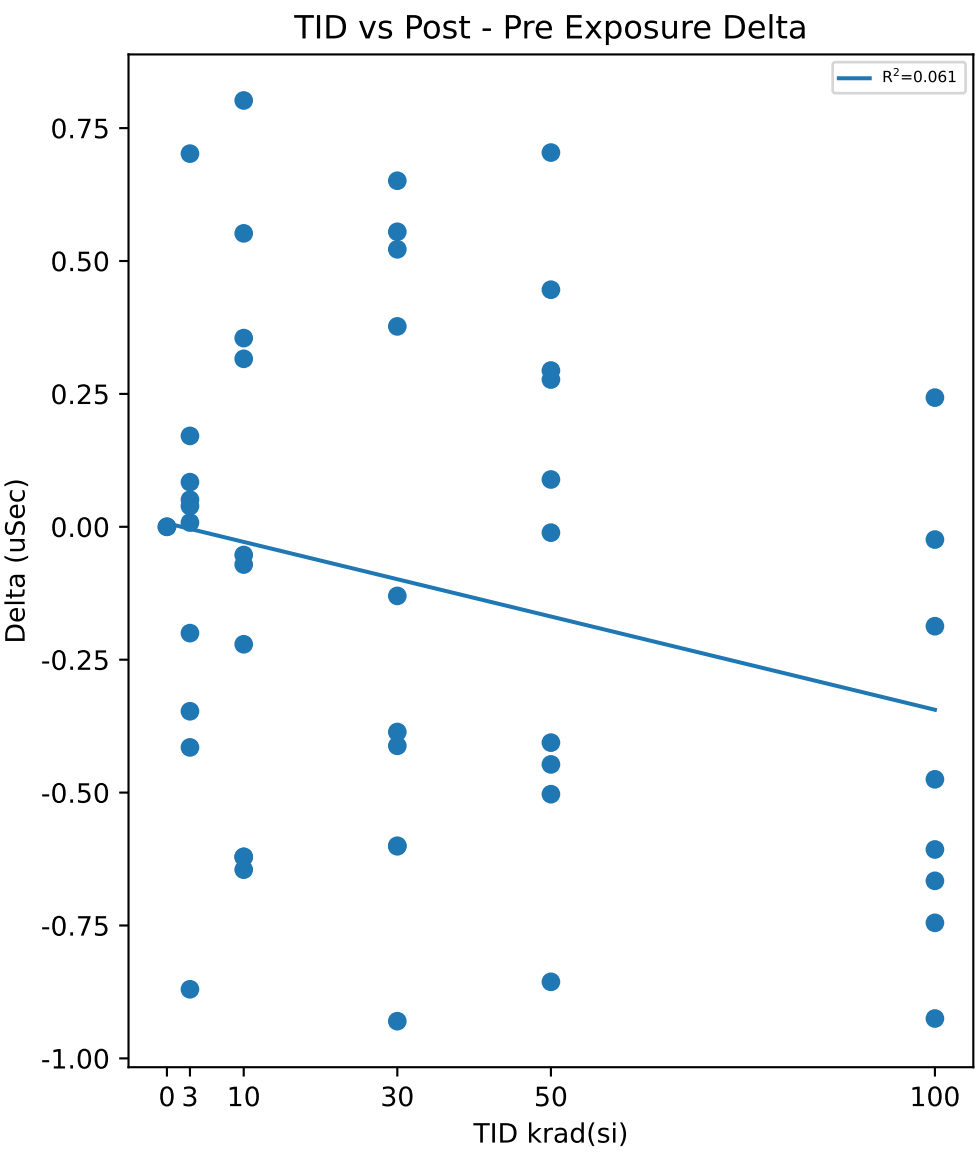
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.334	3.334	0
7	0	Correlation	2.96	2.96	0
16	3	LDR-Biased	3.039	3.032	-0.007
18	3	LDR-Biased	3.48	3.684	0.204
19	3	LDR-Biased	3.22	3.744	0.524
20	3	LDR-Biased	3.276	2.955	-0.321
21	3	LDR-Biased	2.966	2.815	-0.151
22	3	LDR-Unbiased	3.09	3.394	0.304
23	3	LDR-Unbiased	3.173	3.321	0.148
25	3	LDR-Unbiased	3.193	3.298	0.105
26	3	LDR-Unbiased	3.13	2.783	-0.347
27	3	LDR-Unbiased	2.885	2.903	0.018
46	10	LDR-Biased	3.039	2.784	-0.255
48	10	LDR-Biased	3.48	2.985	-0.495
49	10	LDR-Biased	3.22	3.71	0.49
50	10	LDR-Biased	3.276	3.713	0.437
51	10	LDR-Biased	2.966	3.454	0.488
52	10	LDR-Unbiased	3.09	3.337	0.247
53	10	LDR-Unbiased	3.173	3.505	0.332
55	10	LDR-Unbiased	3.193	3.402	0.209
56	10	LDR-Unbiased	3.13	3.571	0.441
57	10	LDR-Unbiased	2.885	3.622	0.737
76	30	LDR-Biased	3.039	3.178	0.139
78	30	LDR-Biased	3.48	3.207	-0.273
79	30	LDR-Biased	3.22	3.501	0.281
80	30	LDR-Biased	3.276	3.415	0.139
81	30	LDR-Biased	2.966	3.624	0.658
82	30	LDR-Unbiased	3.09	2.899	-0.191
83	30	LDR-Unbiased	3.173	3.448	0.275
84	30	LDR-Unbiased	2.885	3.705	0.82
85	30	LDR-Unbiased	3.193	3.036	-0.157
86	30	LDR-Unbiased	3.13	3.618	0.488
87	100	LDR-Biased	3.575	3.262	-0.313
88	100	LDR-Biased	3.73	3.622	-0.108
90	100	LDR-Biased	3.761	3.117	-0.644
91	100	LDR-Unbiased	3.452	3.672	0.22
93	100	LDR-Unbiased	3.005	3.528	0.523
94	100	LDR-Unbiased	2.985	3.477	0.492
95	100	LDR-Unbiased	3.016	2.943	-0.073
96	100	LDR-Unbiased	3.667	2.984	-0.683
106	50	LDR-Biased	3.039	3.301	0.262
108	50	LDR-Biased	3.48	3.625	0.145
109	50	LDR-Biased	3.22	3.718	0.498
110	50	LDR-Biased	3.276	3.327	0.051
111	50	LDR-Biased	2.966	2.797	-0.169
112	50	LDR-Unbiased	3.09	3.026	-0.064
113	50	LDR-Unbiased	3.173	3.298	0.125
115	50	LDR-Unbiased	3.193	3.589	0.396
116	50	LDR-Unbiased	3.13	3.498	0.368
117	50	LDR-Unbiased	2.885	3.782	0.897

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.96	3.147	3.334	0.26446	2.96	3.147	3.334	0.26446	0	0	0	0
3	2.885	3.1452	3.48	0.16741	2.783	3.1929	3.744	0.34803	-0.347	0.0477	0.524	0.27191
10	2.885	3.1452	3.48	0.16741	2.784	3.4083	3.713	0.30578	-0.495	0.2631	0.737	0.37113
30	2.885	3.1452	3.48	0.16741	2.899	3.3631	3.705	0.27077	-0.273	0.2179	0.82	0.36478
50	2.885	3.1452	3.48	0.16741	2.797	3.3961	3.782	0.31125	-0.169	0.2509	0.897	0.30838
100	2.985	3.3989	3.761	0.34216	2.943	3.3256	3.672	0.28844	-0.683	-0.07325	0.523	0.46557

Device Test: 5.45 tpd_EN4_SD/EN4/7/14/0/0/0/@TPD_EN





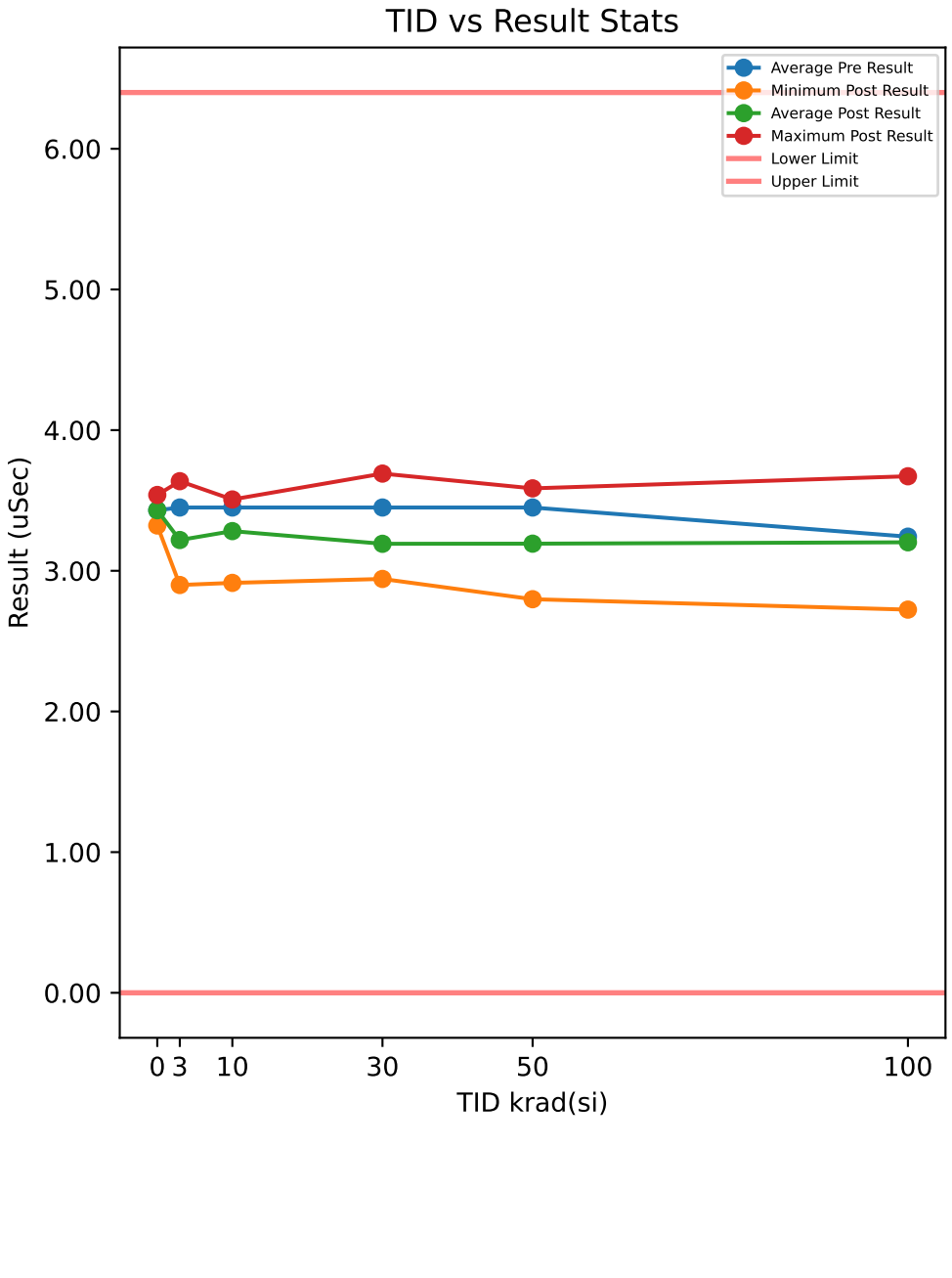
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

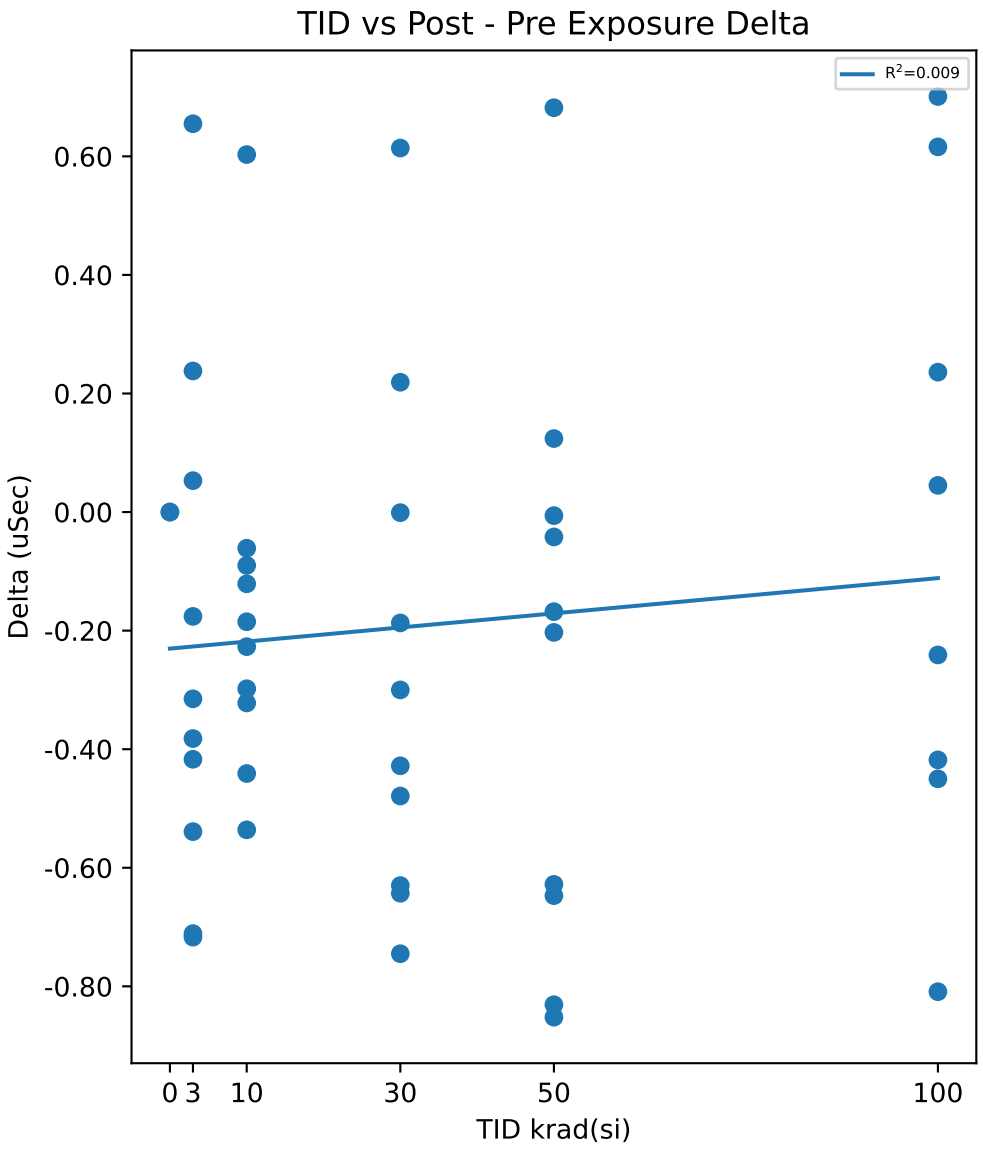
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.818	3.818	0
7	0	Correlation	4.511	4.511	0
16	3	LDR-Biased	4.029	4.037	0.008
18	3	LDR-Biased	4.883	4.013	-0.87
19	3	LDR-Biased	4.369	3.954	-0.415
20	3	LDR-Biased	4.814	4.865	0.051
21	3	LDR-Biased	4.533	4.617	0.084
22	3	LDR-Unbiased	4.039	4.741	0.702
23	3	LDR-Unbiased	4.111	3.911	-0.2
25	3	LDR-Unbiased	4.836	4.489	-0.347
26	3	LDR-Unbiased	4.182	4.221	0.039
27	3	LDR-Unbiased	4.61	4.781	0.171
46	10	LDR-Biased	4.029	4.831	0.802
48	10	LDR-Biased	4.883	4.238	-0.645
49	10	LDR-Biased	4.369	4.724	0.355
50	10	LDR-Biased	4.814	4.743	-0.071
51	10	LDR-Biased	4.533	3.912	-0.621
52	10	LDR-Unbiased	4.039	4.591	0.552
53	10	LDR-Unbiased	4.111	4.427	0.316
55	10	LDR-Unbiased	4.836	4.215	-0.621
56	10	LDR-Unbiased	4.182	4.129	-0.053
57	10	LDR-Unbiased	4.61	4.389	-0.221
76	30	LDR-Biased	4.029	4.551	0.522
78	30	LDR-Biased	4.883	3.953	-0.93
79	30	LDR-Biased	4.369	3.983	-0.386
80	30	LDR-Biased	4.814	4.684	-0.13
81	30	LDR-Biased	4.533	4.121	-0.412
82	30	LDR-Unbiased	4.039	4.416	0.377
83	30	LDR-Unbiased	4.111	4.666	0.555
84	30	LDR-Unbiased	4.61	4.009	-0.601
85	30	LDR-Unbiased	4.836	4.236	-0.6
86	30	LDR-Unbiased	4.182	4.833	0.651
87	100	LDR-Biased	4.589	4.114	-0.475
88	100	LDR-Biased	4.812	3.887	-0.925
90	100	LDR-Biased	4.461	4.437	-0.024
91	100	LDR-Unbiased	4.753	4.146	-0.607
93	100	LDR-Unbiased	4.758	4.571	-0.187
94	100	LDR-Unbiased	3.968	4.211	0.243
95	100	LDR-Unbiased	4.686	3.941	-0.745
96	100	LDR-Unbiased	4.803	4.137	-0.666
106	50	LDR-Biased	4.029	4.306	0.277
108	50	LDR-Biased	4.883	4.027	-0.856
109	50	LDR-Biased	4.369	3.963	-0.406
110	50	LDR-Biased	4.814	4.803	-0.011
111	50	LDR-Biased	4.533	4.827	0.294
112	50	LDR-Unbiased	4.039	4.743	0.704
113	50	LDR-Unbiased	4.111	4.557	0.446
115	50	LDR-Unbiased	4.836	4.389	-0.447
116	50	LDR-Unbiased	4.182	4.271	0.089
117	50	LDR-Unbiased	4.61	4.107	-0.503

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.818	4.1645	4.511	0.49002	3.818	4.1645	4.511	0.49002	0	0	0	0
3	4.029	4.4406	4.883	0.33994	3.911	4.3629	4.865	0.37573	-0.87	-0.0777	0.702	0.41666
10	4.029	4.4406	4.883	0.33994	3.912	4.4199	4.831	0.3007	-0.645	-0.0207	0.802	0.51785
30	4.029	4.4406	4.883	0.33994	3.953	4.3452	4.833	0.32715	-0.93	-0.0954	0.651	0.57515
50	4.029	4.4406	4.883	0.33994	3.963	4.3993	4.827	0.32121	-0.856	-0.0413	0.704	0.49431
100	3.968	4.6037	4.812	0.28301	3.887	4.1805	4.571	0.22998	-0.925	-0.42325	0.243	0.39817

Device Test: 5.46 tpd_SEQ_SD/SEQ_DONE/7/14/0/0/0/@TPD_SEQ_DONE





Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

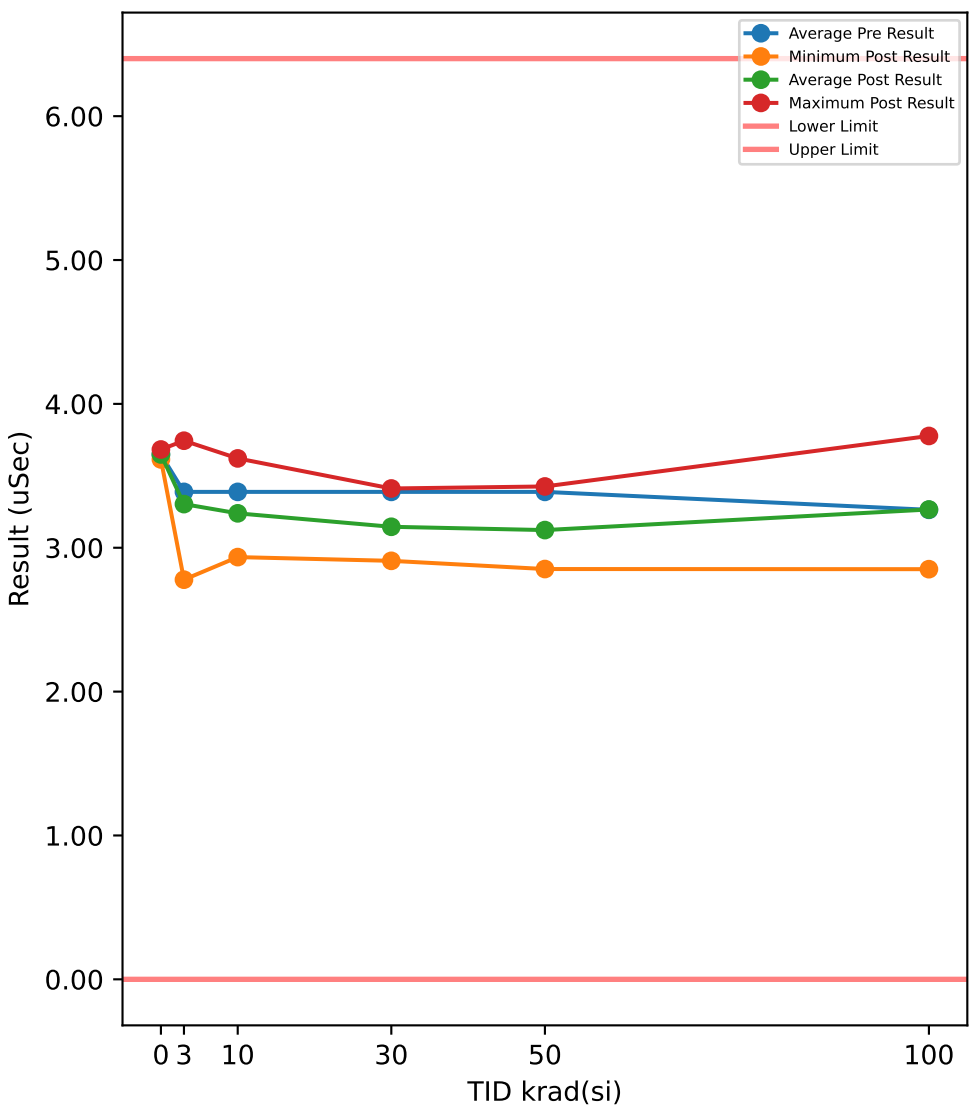
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.539	3.539	0
7	0	Correlation	3.322	3.322	0
16	3	LDR-Biased	2.975	3.63	0.655
18	3	LDR-Biased	3.65	2.939	-0.711
19	3	LDR-Biased	3.584	3.637	0.053
20	3	LDR-Biased	3.253	2.938	-0.315
21	3	LDR-Biased	3.687	3.511	-0.176
22	3	LDR-Unbiased	3.587	3.048	-0.539
23	3	LDR-Unbiased	2.904	3.142	0.238
25	3	LDR-Unbiased	3.616	2.899	-0.717
26	3	LDR-Unbiased	3.692	3.275	-0.417
27	3	LDR-Unbiased	3.551	3.169	-0.382
46	10	LDR-Biased	2.975	2.914	-0.061
48	10	LDR-Biased	3.65	3.209	-0.441
49	10	LDR-Biased	3.584	3.048	-0.536
50	10	LDR-Biased	3.253	3.163	-0.09
51	10	LDR-Biased	3.687	3.389	-0.298
52	10	LDR-Unbiased	3.587	3.36	-0.227
53	10	LDR-Unbiased	2.904	3.507	0.603
55	10	LDR-Unbiased	3.616	3.294	-0.322
56	10	LDR-Unbiased	3.692	3.507	-0.185
57	10	LDR-Unbiased	3.551	3.43	-0.121
76	30	LDR-Biased	2.975	3.589	0.614
78	30	LDR-Biased	3.65	3.463	-0.187
79	30	LDR-Biased	3.584	3.156	-0.428
80	30	LDR-Biased	3.253	2.953	-0.3
81	30	LDR-Biased	3.687	2.942	-0.745
82	30	LDR-Unbiased	3.587	2.957	-0.63
83	30	LDR-Unbiased	2.904	3.123	0.219
84	30	LDR-Unbiased	3.551	3.072	-0.479
85	30	LDR-Unbiased	3.616	2.973	-0.643
86	30	LDR-Unbiased	3.692	3.691	-0.001
87	100	LDR-Biased	3.627	3.672	0.045
88	100	LDR-Biased	3.075	2.834	-0.241
90	100	LDR-Biased	3.533	2.724	-0.809
91	100	LDR-Unbiased	2.871	3.487	0.616
93	100	LDR-Unbiased	3.002	3.238	0.236
94	100	LDR-Unbiased	3.613	3.163	-0.45
95	100	LDR-Unbiased	2.773	3.474	0.701
96	100	LDR-Unbiased	3.447	3.029	-0.418
106	50	LDR-Biased	2.975	3.099	0.124
108	50	LDR-Biased	3.65	2.798	-0.852
109	50	LDR-Biased	3.584	2.956	-0.628
110	50	LDR-Biased	3.253	3.05	-0.203
111	50	LDR-Biased	3.687	3.519	-0.168
112	50	LDR-Unbiased	3.587	3.581	-0.006
113	50	LDR-Unbiased	2.904	3.586	0.682
115	50	LDR-Unbiased	3.616	3.574	-0.042
116	50	LDR-Unbiased	3.692	2.861	-0.831
117	50	LDR-Unbiased	3.551	2.904	-0.647

Test Statistics (uSec)

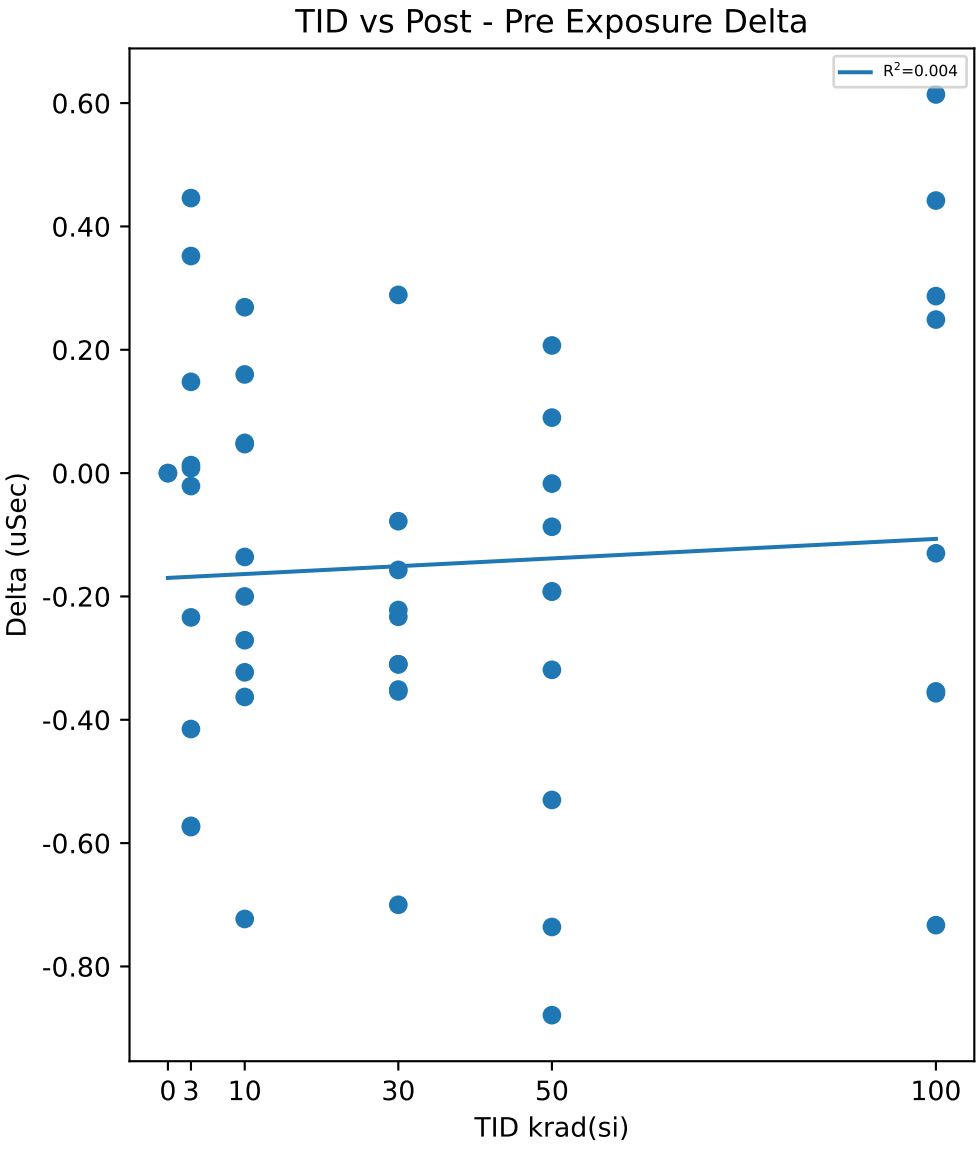
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.322	3.4305	3.539	0.15344	3.322	3.4305	3.539	0.15344	0	0	0	0
3	2.904	3.4499	3.692	0.2966	2.899	3.2188	3.637	0.2847	-0.717	-0.2311	0.655	0.43647
10	2.904	3.4499	3.692	0.2966	2.914	3.2821	3.507	0.19734	-0.536	-0.1678	0.603	0.31065
30	2.904	3.4499	3.692	0.2966	2.942	3.1919	3.691	0.28349	-0.745	-0.258	0.614	0.42977
50	2.904	3.4499	3.692	0.2966	2.798	3.1928	3.586	0.33194	-0.852	-0.2571	0.682	0.48536
100	2.773	3.2426	3.627	0.34962	2.724	3.2026	3.672	0.33226	-0.809	-0.04	0.701	0.53527

Device Test: 5.47 tpd_PWRGD_SD/PWRGD/7/14/0/0/0/@TPD_PWRGD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



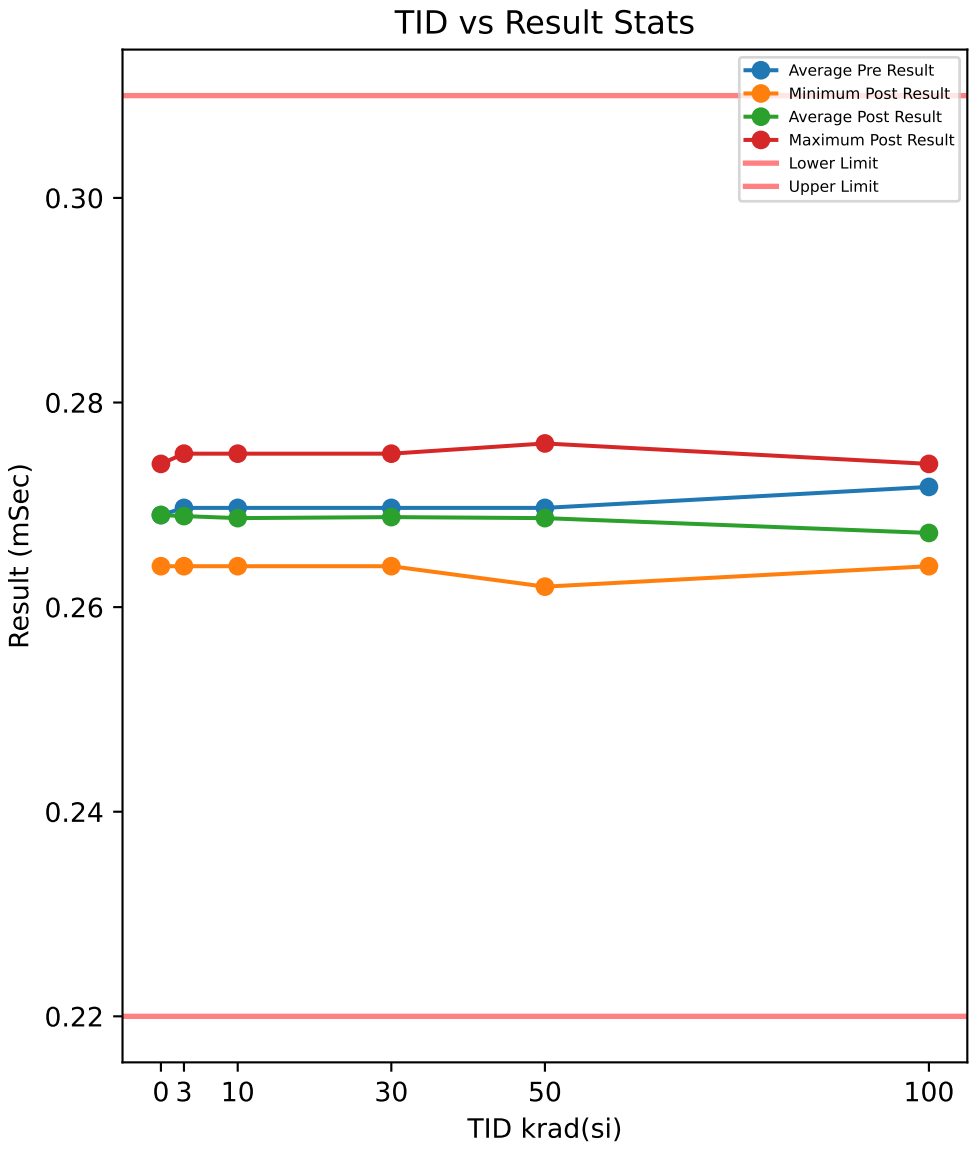
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

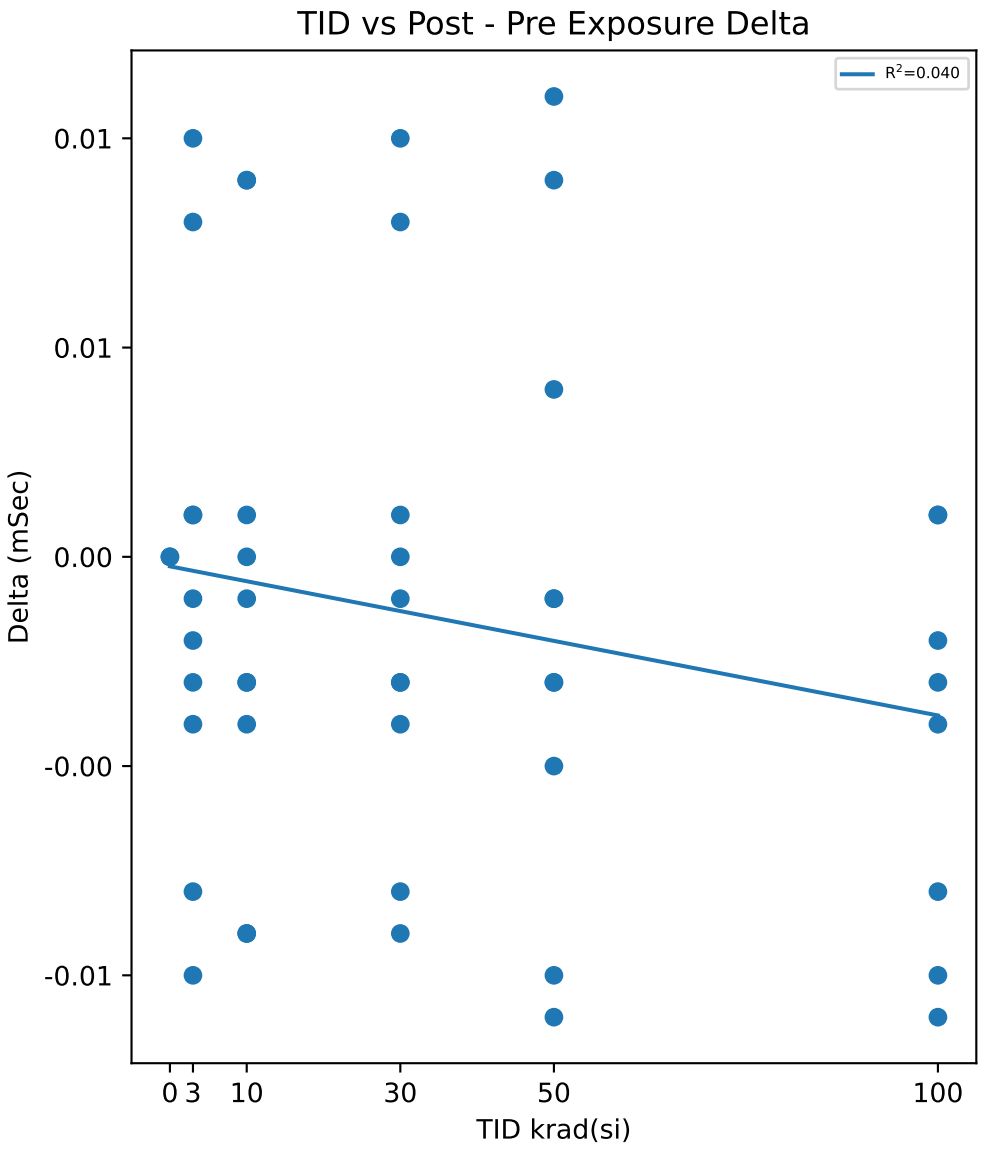
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.683	3.683	0
7	0	Correlation	3.614	3.614	0
16	3	LDR-Biased	2.906	2.885	-0.021
18	3	LDR-Biased	3.299	3.447	0.148
19	3	LDR-Biased	3.071	3.423	0.352
20	3	LDR-Biased	3.352	2.778	-0.574
21	3	LDR-Biased	3.219	2.985	-0.234
22	3	LDR-Unbiased	3.731	3.744	0.013
23	3	LDR-Unbiased	3.219	3.665	0.446
25	3	LDR-Unbiased	3.728	3.736	0.008
26	3	LDR-Unbiased	3.636	3.221	-0.415
27	3	LDR-Unbiased	3.722	3.15	-0.572
46	10	LDR-Biased	2.906	2.955	0.049
48	10	LDR-Biased	3.299	3.459	0.16
49	10	LDR-Biased	3.071	2.935	-0.136
50	10	LDR-Biased	3.352	3.621	0.269
51	10	LDR-Biased	3.219	3.019	-0.2
52	10	LDR-Unbiased	3.731	3.008	-0.723
53	10	LDR-Unbiased	3.219	3.266	0.047
55	10	LDR-Unbiased	3.728	3.365	-0.363
56	10	LDR-Unbiased	3.636	3.365	-0.271
57	10	LDR-Unbiased	3.722	3.399	-0.323
76	30	LDR-Biased	2.906	3.195	0.289
78	30	LDR-Biased	3.299	3.077	-0.222
79	30	LDR-Biased	3.071	2.993	-0.078
80	30	LDR-Biased	3.352	3.001	-0.351
81	30	LDR-Biased	3.219	2.909	-0.31
82	30	LDR-Unbiased	3.731	3.377	-0.354
83	30	LDR-Unbiased	3.219	3.062	-0.157
84	30	LDR-Unbiased	3.722	3.412	-0.31
85	30	LDR-Unbiased	3.728	3.028	-0.7
86	30	LDR-Unbiased	3.636	3.403	-0.233
87	100	LDR-Biased	3.155	3.442	0.287
88	100	LDR-Biased	3.208	2.851	-0.357
90	100	LDR-Biased	3.617	2.884	-0.733
91	100	LDR-Unbiased	3.335	3.777	0.442
93	100	LDR-Unbiased	3.643	3.513	-0.13
94	100	LDR-Unbiased	3.256	2.902	-0.354
95	100	LDR-Unbiased	2.946	3.195	0.249
96	100	LDR-Unbiased	2.949	3.563	0.614
106	50	LDR-Biased	2.906	2.996	0.09
108	50	LDR-Biased	3.299	3.282	-0.017
109	50	LDR-Biased	3.071	2.879	-0.192
110	50	LDR-Biased	3.352	3.265	-0.087
111	50	LDR-Biased	3.219	3.426	0.207
112	50	LDR-Unbiased	3.731	2.852	-0.879
113	50	LDR-Unbiased	3.219	3.027	-0.192
115	50	LDR-Unbiased	3.728	3.409	-0.319
116	50	LDR-Unbiased	3.636	2.9	-0.736
117	50	LDR-Unbiased	3.722	3.192	-0.53

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.614	3.6485	3.683	0.04879	3.614	3.6485	3.683	0.04879	0	0	0	0
3	2.906	3.3883	3.731	0.29916	2.778	3.3034	3.744	0.3543	-0.574	-0.0849	0.446	0.35854
10	2.906	3.3883	3.731	0.29916	2.935	3.2392	3.621	0.24204	-0.723	-0.1491	0.269	0.29269
30	2.906	3.3883	3.731	0.29916	2.909	3.1457	3.412	0.18824	-0.7	-0.2426	0.289	0.24944
50	2.906	3.3883	3.731	0.29916	2.852	3.1228	3.426	0.21905	-0.879	-0.2655	0.207	0.3535
100	2.946	3.2636	3.643	0.26423	2.851	3.2659	3.777	0.35797	-0.733	0.00225	0.614	0.46654

Device Test: 5.48 tdly_Res10p5K_EN1_SU/EN1/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





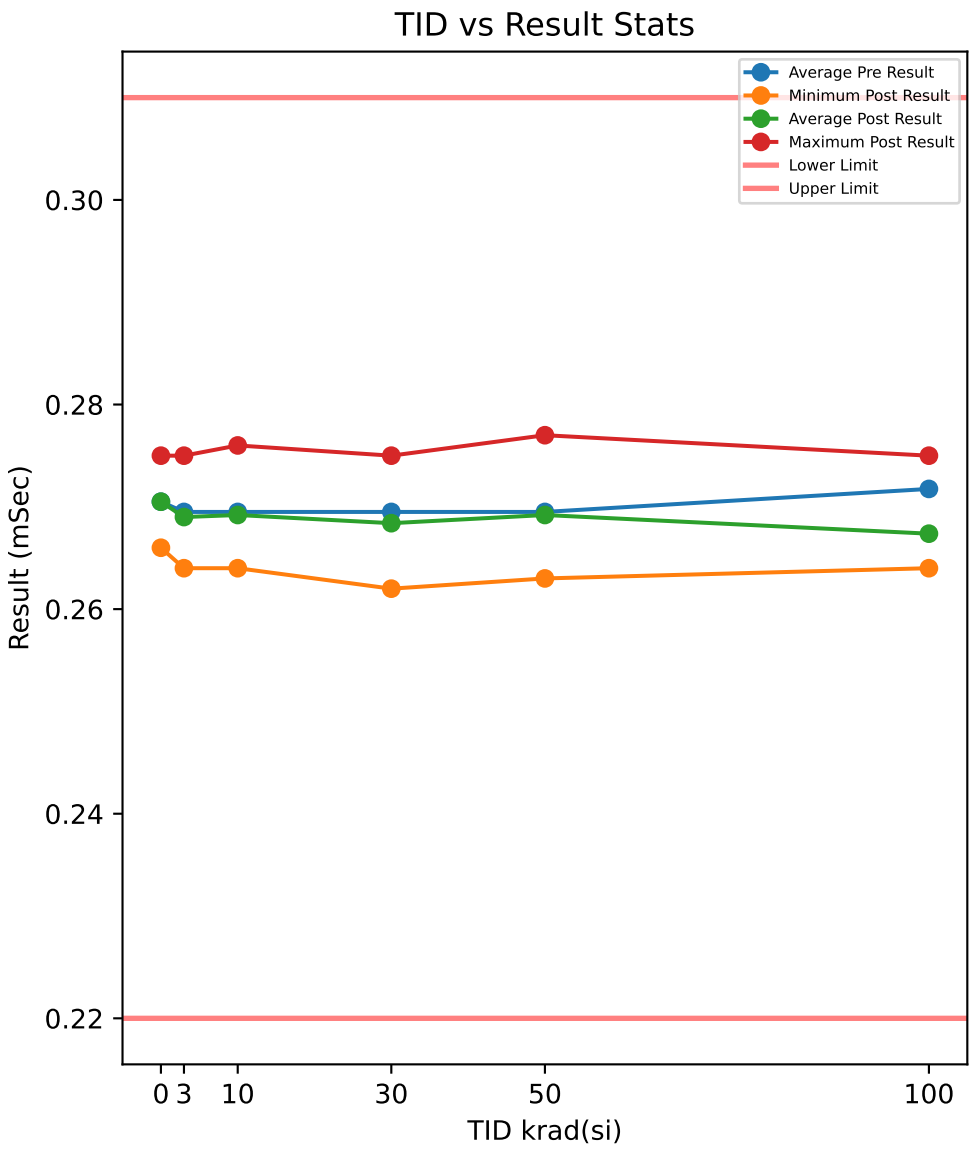
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

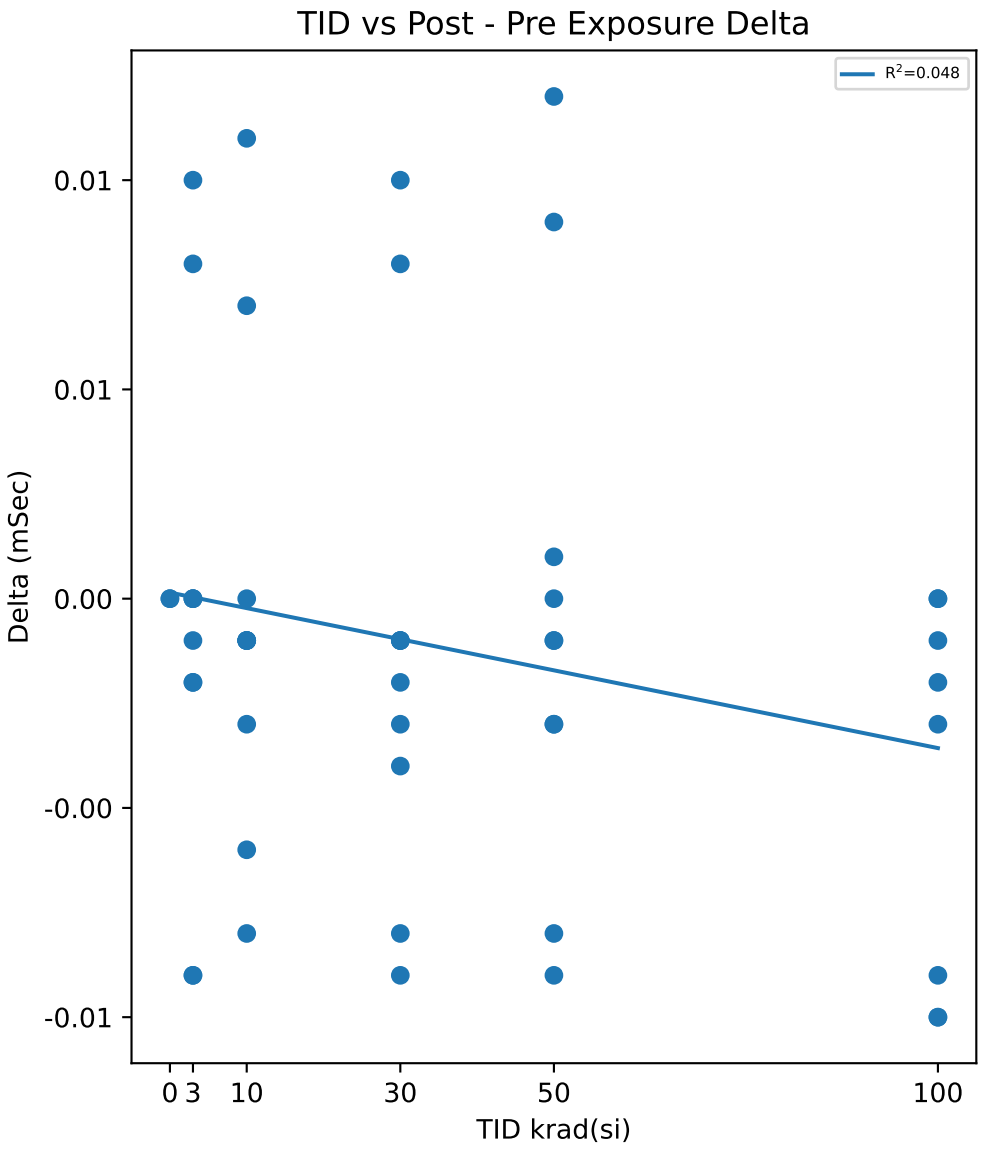
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.264	0.264	0
16	3	LDR-Biased	0.276	0.266	-0.01
18	3	LDR-Biased	0.274	0.275	0.001
19	3	LDR-Biased	0.268	0.265	-0.003
20	3	LDR-Biased	0.274	0.266	-0.008
21	3	LDR-Biased	0.264	0.265	0.001
22	3	LDR-Unbiased	0.265	0.273	0.008
23	3	LDR-Unbiased	0.27	0.266	-0.004
25	3	LDR-Unbiased	0.265	0.264	-0.001
26	3	LDR-Unbiased	0.265	0.275	0.01
27	3	LDR-Unbiased	0.276	0.274	-0.002
46	10	LDR-Biased	0.276	0.267	-0.009
48	10	LDR-Biased	0.274	0.275	0.001
49	10	LDR-Biased	0.268	0.265	-0.003
50	10	LDR-Biased	0.274	0.265	-0.009
51	10	LDR-Biased	0.264	0.264	0
52	10	LDR-Unbiased	0.265	0.274	0.009
53	10	LDR-Unbiased	0.27	0.266	-0.004
55	10	LDR-Unbiased	0.265	0.264	-0.001
56	10	LDR-Unbiased	0.265	0.274	0.009
57	10	LDR-Unbiased	0.276	0.273	-0.003
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.274	0.274	0
79	30	LDR-Biased	0.268	0.265	-0.003
80	30	LDR-Biased	0.274	0.266	-0.008
81	30	LDR-Biased	0.264	0.265	0.001
82	30	LDR-Unbiased	0.265	0.273	0.008
83	30	LDR-Unbiased	0.27	0.266	-0.004
84	30	LDR-Unbiased	0.276	0.273	-0.003
85	30	LDR-Unbiased	0.265	0.264	-0.001
86	30	LDR-Unbiased	0.265	0.275	0.01
87	100	LDR-Biased	0.264	0.265	0.001
88	100	LDR-Biased	0.278	0.274	-0.004
90	100	LDR-Biased	0.275	0.272	-0.003
91	100	LDR-Unbiased	0.266	0.264	-0.002
93	100	LDR-Unbiased	0.264	0.265	0.001
94	100	LDR-Unbiased	0.277	0.266	-0.011
95	100	LDR-Unbiased	0.274	0.266	-0.008
96	100	LDR-Unbiased	0.276	0.266	-0.01
106	50	LDR-Biased	0.276	0.265	-0.011
108	50	LDR-Biased	0.274	0.273	-0.001
109	50	LDR-Biased	0.268	0.265	-0.003
110	50	LDR-Biased	0.274	0.264	-0.01
111	50	LDR-Biased	0.264	0.268	0.004
112	50	LDR-Unbiased	0.265	0.274	0.009
113	50	LDR-Unbiased	0.27	0.265	-0.005
115	50	LDR-Unbiased	0.265	0.262	-0.003
116	50	LDR-Unbiased	0.265	0.276	0.011
117	50	LDR-Unbiased	0.276	0.275	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.264	0.269	0.274	0.0070711	0.264	0.269	0.274	0.0070711	0	0	0	0
3	0.264	0.2697	0.276	0.0049227	0.264	0.2689	0.275	0.0046774	-0.01	-0.0008	0.01	0.0062681
10	0.264	0.2697	0.276	0.0049227	0.264	0.2687	0.275	0.0046679	-0.009	-0.001	0.009	0.0062361
30	0.264	0.2697	0.276	0.0049227	0.264	0.2688	0.275	0.0043665	-0.009	-0.0009	0.01	0.0061183
50	0.264	0.2697	0.276	0.0049227	0.262	0.2687	0.276	0.0052504	-0.011	-0.001	0.011	0.0072572
100	0.264	0.27175	0.278	0.0060178	0.264	0.26725	0.274	0.0036547	-0.011	-0.0045	0.001	0.0046904

Device Test: 5.49 tdly_Res10p5K_EN2_SU/EN2/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





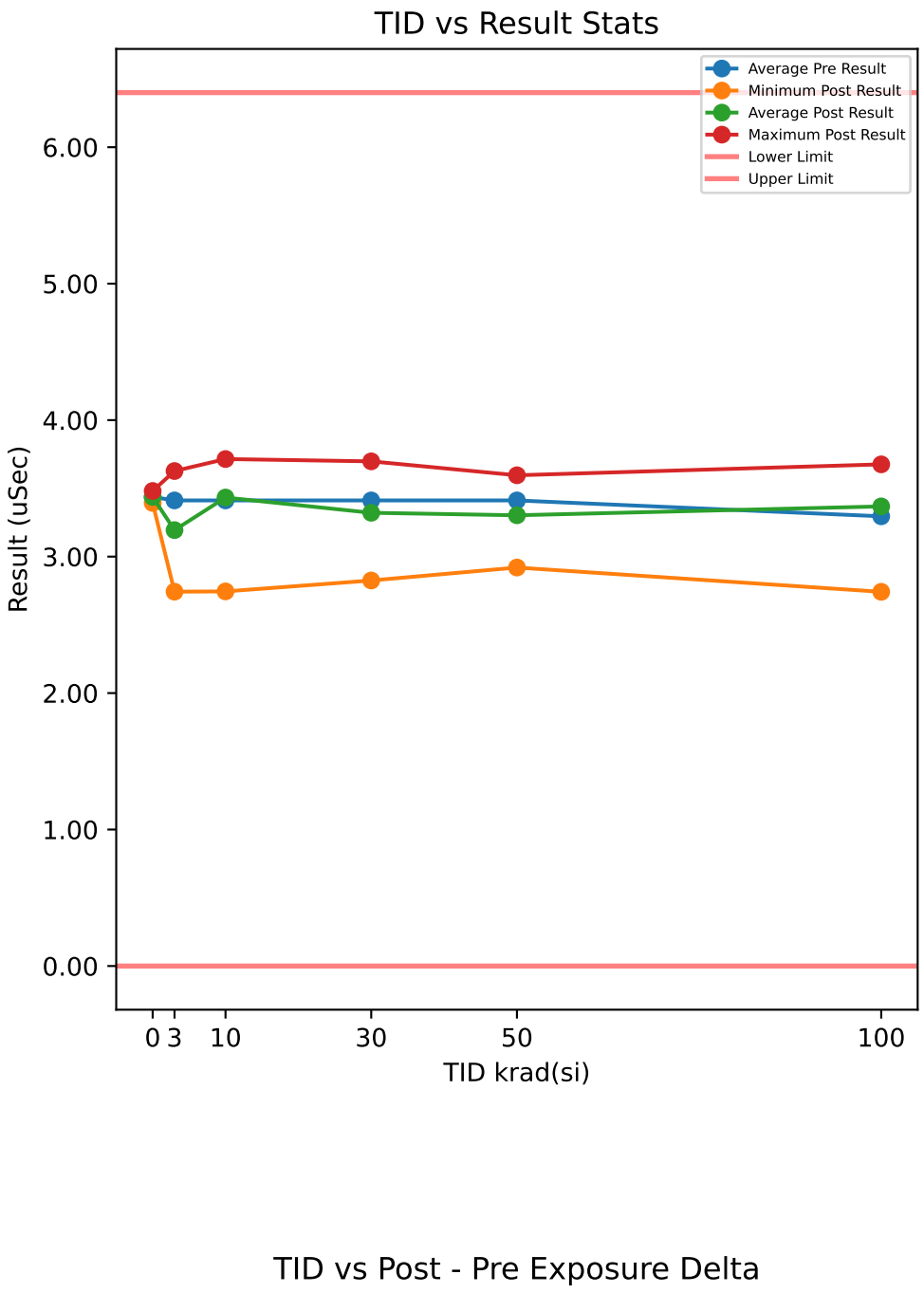
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

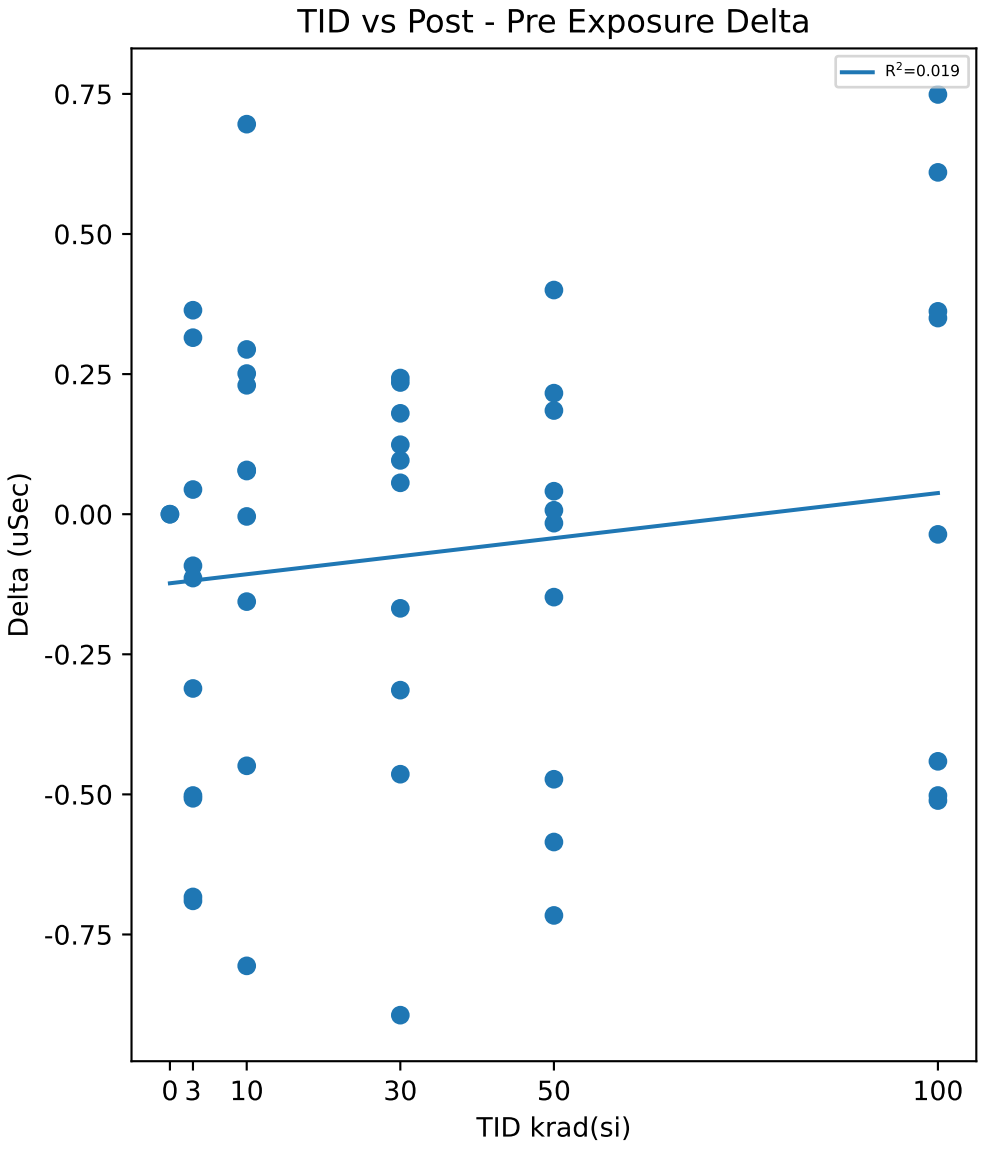
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.275	0.275	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.276	0.267	-0.009
18	3	LDR-Biased	0.274	0.274	0
19	3	LDR-Biased	0.268	0.266	-0.002
20	3	LDR-Biased	0.273	0.264	-0.009
21	3	LDR-Biased	0.265	0.265	0
22	3	LDR-Unbiased	0.266	0.274	0.008
23	3	LDR-Unbiased	0.267	0.266	-0.001
25	3	LDR-Unbiased	0.266	0.264	-0.002
26	3	LDR-Unbiased	0.265	0.275	0.01
27	3	LDR-Unbiased	0.275	0.275	0
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.274	0.274	0
49	10	LDR-Biased	0.268	0.265	-0.003
50	10	LDR-Biased	0.273	0.267	-0.006
51	10	LDR-Biased	0.265	0.264	-0.001
52	10	LDR-Unbiased	0.266	0.273	0.007
53	10	LDR-Unbiased	0.267	0.266	-0.001
55	10	LDR-Unbiased	0.266	0.265	-0.001
56	10	LDR-Unbiased	0.265	0.276	0.011
57	10	LDR-Unbiased	0.275	0.274	-0.001
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.274	0.273	-0.001
79	30	LDR-Biased	0.268	0.265	-0.003
80	30	LDR-Biased	0.273	0.265	-0.008
81	30	LDR-Biased	0.265	0.264	-0.001
82	30	LDR-Unbiased	0.266	0.274	0.008
83	30	LDR-Unbiased	0.267	0.266	-0.001
84	30	LDR-Unbiased	0.275	0.273	-0.002
85	30	LDR-Unbiased	0.266	0.262	-0.004
86	30	LDR-Unbiased	0.265	0.275	0.01
87	100	LDR-Biased	0.266	0.264	-0.002
88	100	LDR-Biased	0.275	0.275	0
90	100	LDR-Biased	0.276	0.273	-0.003
91	100	LDR-Unbiased	0.266	0.265	-0.001
93	100	LDR-Unbiased	0.265	0.265	0
94	100	LDR-Unbiased	0.275	0.265	-0.01
95	100	LDR-Unbiased	0.275	0.266	-0.009
96	100	LDR-Unbiased	0.276	0.266	-0.01
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.274	0.274	0
109	50	LDR-Biased	0.268	0.265	-0.003
110	50	LDR-Biased	0.273	0.265	-0.008
111	50	LDR-Biased	0.265	0.266	0.001
112	50	LDR-Unbiased	0.266	0.275	0.009
113	50	LDR-Unbiased	0.267	0.266	-0.001
115	50	LDR-Unbiased	0.266	0.263	-0.003
116	50	LDR-Unbiased	0.265	0.277	0.012
117	50	LDR-Unbiased	0.275	0.274	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2705	0.275	0.006364	0.266	0.2705	0.275	0.006364	0	0	0	0
3	0.265	0.2695	0.276	0.0044535	0.264	0.269	0.275	0.0048305	-0.009	-0.0005	0.01	0.0060782
10	0.265	0.2695	0.276	0.0044535	0.264	0.2692	0.276	0.0045412	-0.008	-0.0003	0.011	0.0055986
30	0.265	0.2695	0.276	0.0044535	0.262	0.2684	0.275	0.004812	-0.009	-0.0011	0.01	0.0060452
50	0.265	0.2695	0.276	0.0044535	0.263	0.2692	0.277	0.0051597	-0.009	-0.0003	0.012	0.0065836
100	0.265	0.27175	0.276	0.0050639	0.264	0.26738	0.275	0.0041726	-0.01	-0.004375	0	0.004502

Device Test: 5.5 tpd_PWRGD_SU/PWRGD/1.6/3/0/0/0/@TPD_PWRGD





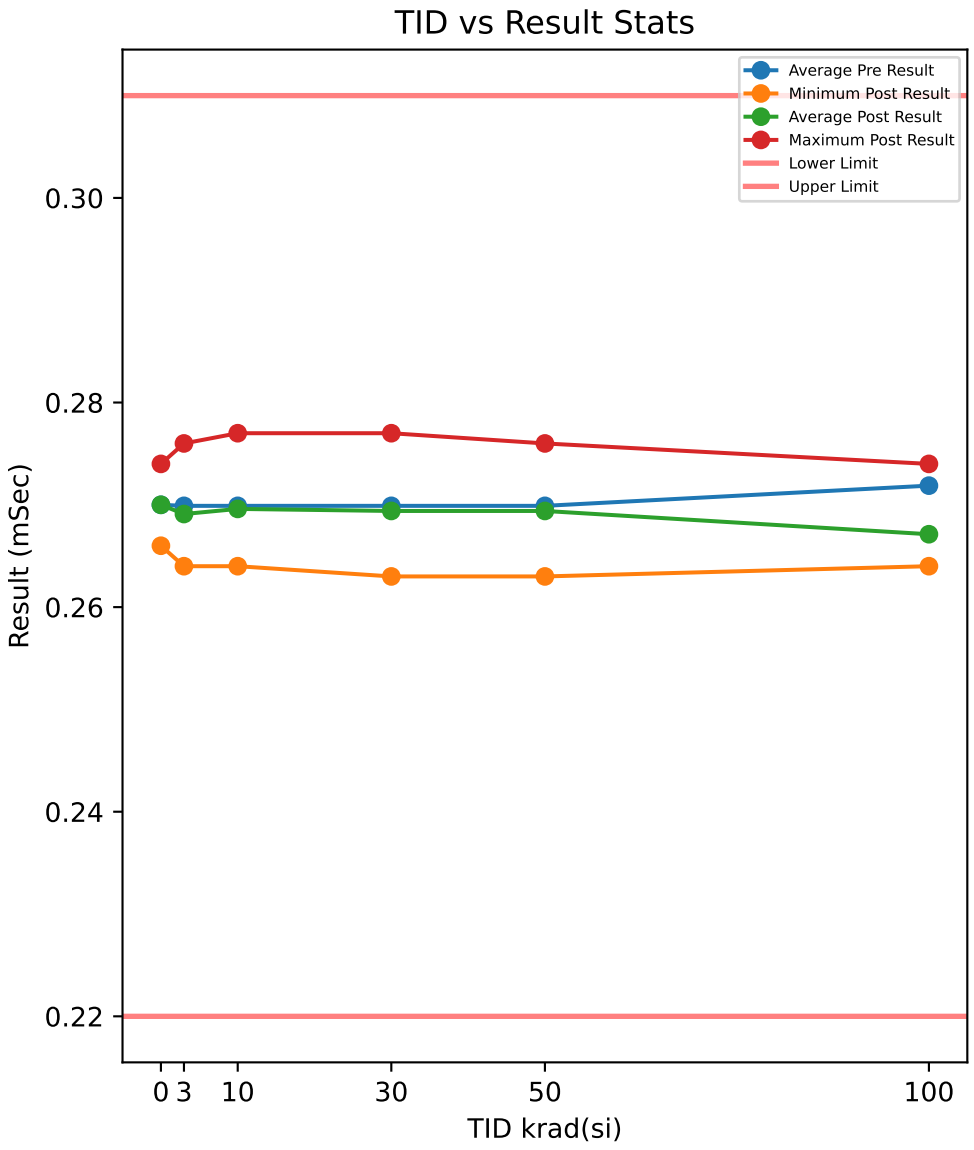
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

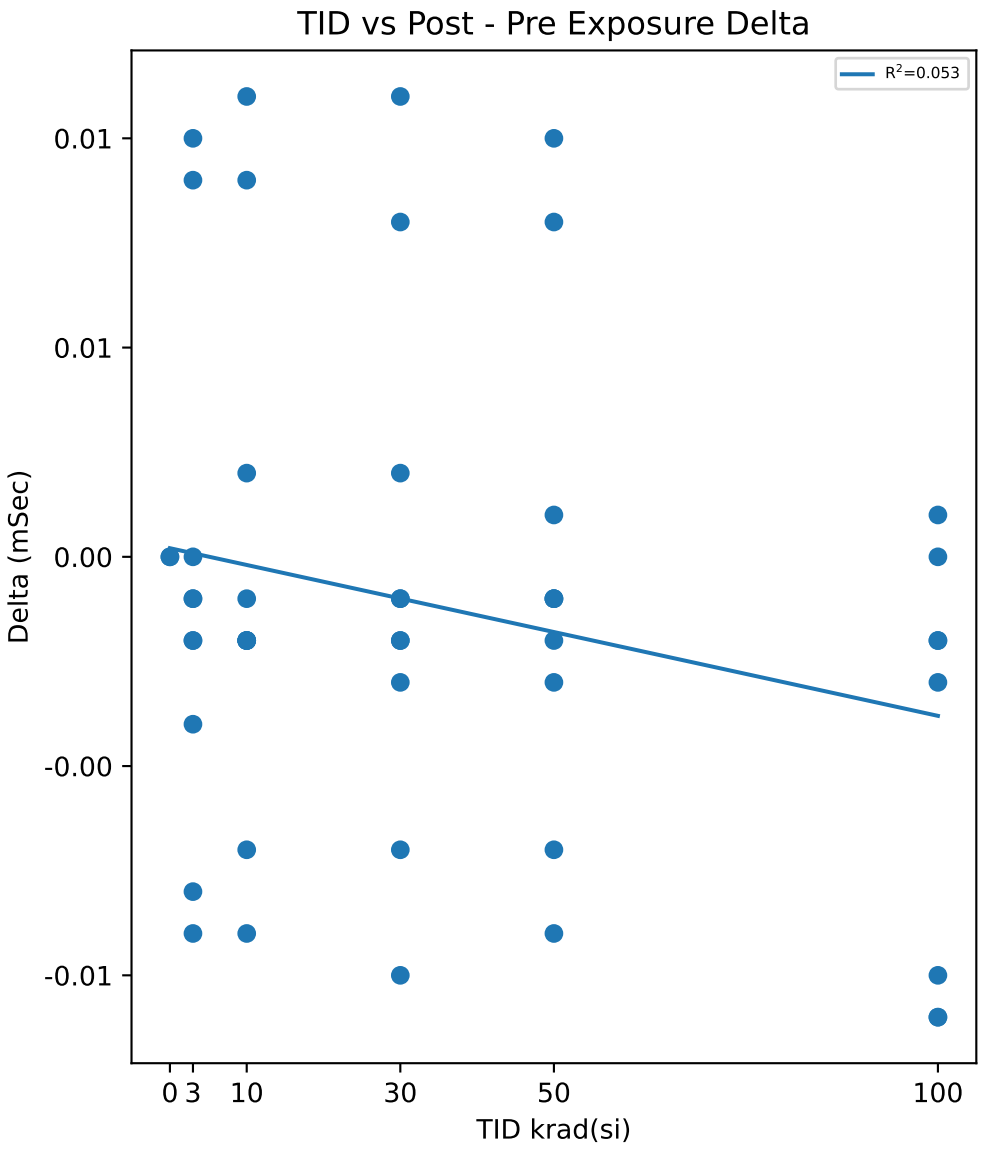
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.481	3.481	0
7	0	Correlation	3.393	3.393	0
16	3	LDR-Biased	3.421	3.307	-0.114
18	3	LDR-Biased	3.636	2.946	-0.69
19	3	LDR-Biased	2.955	3.319	0.364
20	3	LDR-Biased	3.411	3.455	0.044
21	3	LDR-Biased	3.25	2.743	-0.507
22	3	LDR-Unbiased	3.194	3.509	0.315
23	3	LDR-Unbiased	3.584	3.082	-0.502
25	3	LDR-Unbiased	3.574	2.891	-0.683
26	3	LDR-Unbiased	3.373	3.062	-0.311
27	3	LDR-Unbiased	3.719	3.627	-0.092
46	10	LDR-Biased	3.421	3.715	0.294
48	10	LDR-Biased	3.636	3.48	-0.156
49	10	LDR-Biased	2.955	3.651	0.696
50	10	LDR-Biased	3.411	3.662	0.251
51	10	LDR-Biased	3.25	3.48	0.23
52	10	LDR-Unbiased	3.194	2.745	-0.449
53	10	LDR-Unbiased	3.584	3.58	-0.004
55	10	LDR-Unbiased	3.574	3.651	0.077
56	10	LDR-Unbiased	3.373	3.452	0.079
57	10	LDR-Unbiased	3.719	2.913	-0.806
76	30	LDR-Biased	3.421	3.477	0.056
78	30	LDR-Biased	3.636	3.468	-0.168
79	30	LDR-Biased	2.955	3.198	0.243
80	30	LDR-Biased	3.411	3.097	-0.314
81	30	LDR-Biased	3.25	3.346	0.096
82	30	LDR-Unbiased	3.194	3.429	0.235
83	30	LDR-Unbiased	3.584	3.12	-0.464
84	30	LDR-Unbiased	3.719	2.825	-0.894
85	30	LDR-Unbiased	3.574	3.698	0.124
86	30	LDR-Unbiased	3.373	3.553	0.18
87	100	LDR-Biased	2.871	3.481	0.61
88	100	LDR-Biased	3.222	3.572	0.35
90	100	LDR-Biased	3.54	3.504	-0.036
91	100	LDR-Unbiased	3.671	3.169	-0.502
93	100	LDR-Unbiased	2.834	3.583	0.749
94	100	LDR-Unbiased	3.253	2.742	-0.511
95	100	LDR-Unbiased	3.657	3.216	-0.441
96	100	LDR-Unbiased	3.314	3.676	0.362
106	50	LDR-Biased	3.421	3.405	-0.016
108	50	LDR-Biased	3.636	2.92	-0.716
109	50	LDR-Biased	2.955	3.355	0.4
110	50	LDR-Biased	3.411	3.596	0.185
111	50	LDR-Biased	3.25	3.466	0.216
112	50	LDR-Unbiased	3.194	3.201	0.007
113	50	LDR-Unbiased	3.584	3.436	-0.148
115	50	LDR-Unbiased	3.574	2.989	-0.585
116	50	LDR-Unbiased	3.373	3.414	0.041
117	50	LDR-Unbiased	3.719	3.246	-0.473

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.393	3.437	3.481	0.062225	3.393	3.437	3.481	0.062225	0	0	0	0
3	2.955	3.4117	3.719	0.23201	2.743	3.1941	3.627	0.29248	-0.69	-0.2176	0.364	0.38442
10	2.955	3.4117	3.719	0.23201	2.745	3.4329	3.715	0.33286	-0.806	0.0212	0.696	0.41767
30	2.955	3.4117	3.719	0.23201	2.825	3.3211	3.698	0.25947	-0.894	-0.0906	0.243	0.37024
50	2.955	3.4117	3.719	0.23201	2.92	3.3028	3.596	0.2146	-0.716	-0.1089	0.4	0.3689
100	2.834	3.2953	3.671	0.32342	2.742	3.3679	3.676	0.30904	-0.511	0.072625	0.749	0.51455

Device Test: 5.50 tdly_Res10p5K_EN3_SU/EN3/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





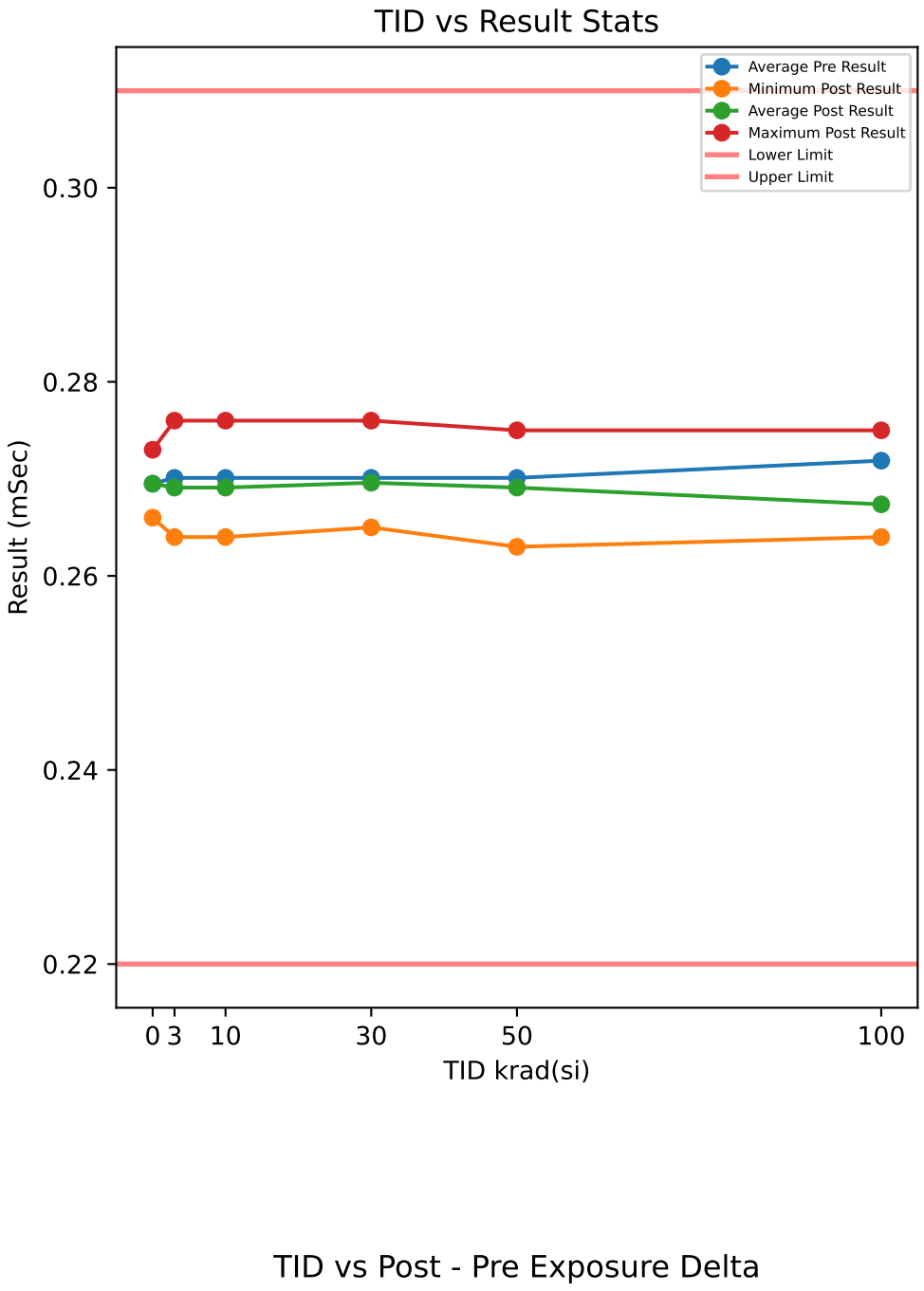
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

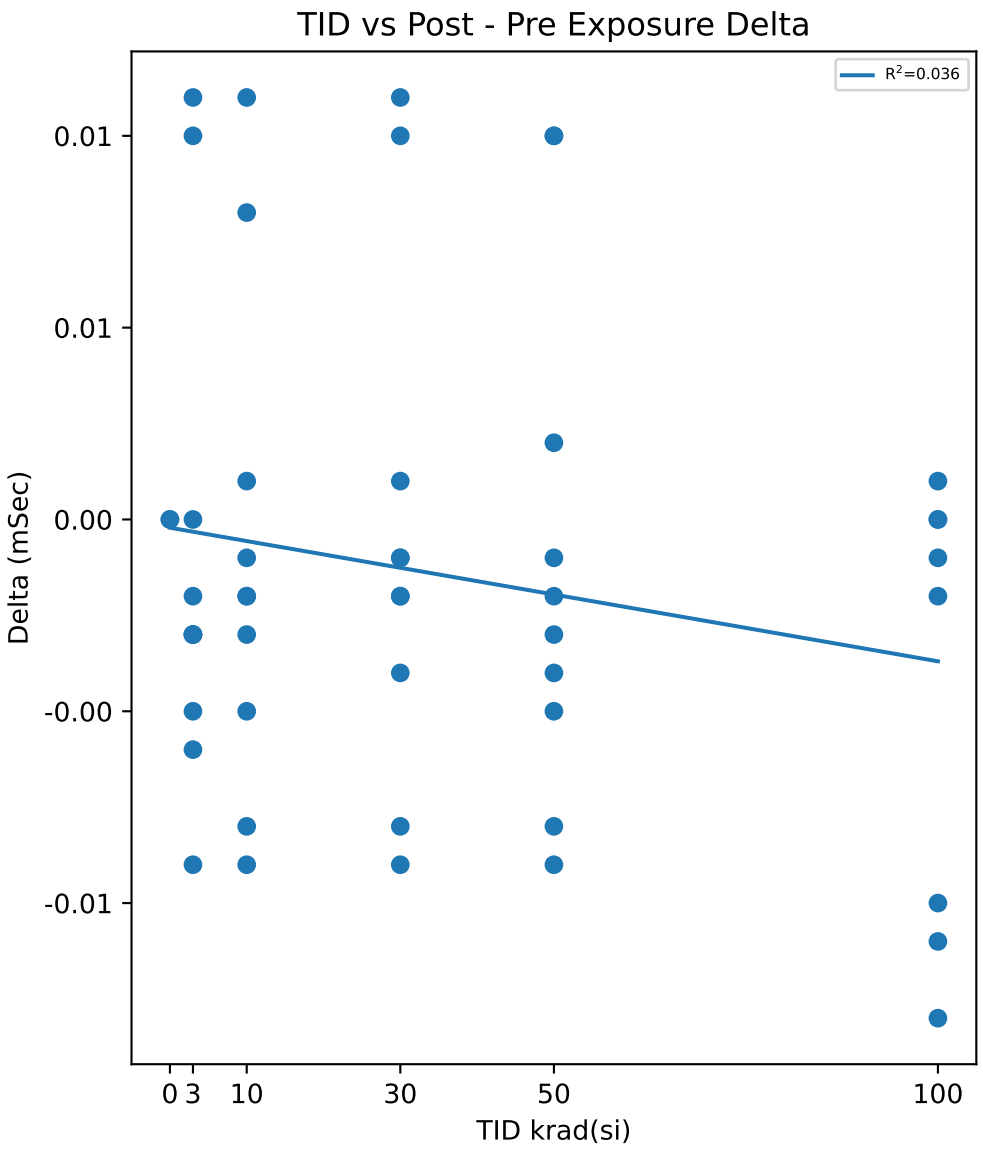
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.277	0.268	-0.009
18	3	LDR-Biased	0.276	0.275	-0.001
19	3	LDR-Biased	0.268	0.264	-0.004
20	3	LDR-Biased	0.273	0.265	-0.008
21	3	LDR-Biased	0.264	0.264	0
22	3	LDR-Unbiased	0.266	0.275	0.009
23	3	LDR-Unbiased	0.268	0.266	-0.002
25	3	LDR-Unbiased	0.266	0.264	-0.002
26	3	LDR-Unbiased	0.266	0.276	0.01
27	3	LDR-Unbiased	0.275	0.274	-0.001
46	10	LDR-Biased	0.277	0.268	-0.009
48	10	LDR-Biased	0.276	0.274	-0.002
49	10	LDR-Biased	0.268	0.266	-0.002
50	10	LDR-Biased	0.273	0.266	-0.007
51	10	LDR-Biased	0.264	0.266	0.002
52	10	LDR-Unbiased	0.266	0.275	0.009
53	10	LDR-Unbiased	0.268	0.266	-0.002
55	10	LDR-Unbiased	0.266	0.264	-0.002
56	10	LDR-Unbiased	0.266	0.277	0.011
57	10	LDR-Unbiased	0.275	0.274	-0.001
76	30	LDR-Biased	0.277	0.267	-0.01
78	30	LDR-Biased	0.276	0.275	-0.001
79	30	LDR-Biased	0.268	0.266	-0.002
80	30	LDR-Biased	0.273	0.266	-0.007
81	30	LDR-Biased	0.264	0.266	0.002
82	30	LDR-Unbiased	0.266	0.274	0.008
83	30	LDR-Unbiased	0.268	0.266	-0.002
84	30	LDR-Unbiased	0.275	0.274	-0.001
85	30	LDR-Unbiased	0.266	0.263	-0.003
86	30	LDR-Unbiased	0.266	0.277	0.011
87	100	LDR-Biased	0.264	0.264	0
88	100	LDR-Biased	0.277	0.274	-0.003
90	100	LDR-Biased	0.276	0.274	-0.002
91	100	LDR-Unbiased	0.266	0.264	-0.002
93	100	LDR-Unbiased	0.264	0.265	0.001
94	100	LDR-Unbiased	0.277	0.266	-0.011
95	100	LDR-Unbiased	0.275	0.265	-0.01
96	100	LDR-Unbiased	0.276	0.265	-0.011
106	50	LDR-Biased	0.277	0.268	-0.009
108	50	LDR-Biased	0.276	0.275	-0.001
109	50	LDR-Biased	0.268	0.266	-0.002
110	50	LDR-Biased	0.273	0.266	-0.007
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.266	0.274	0.008
113	50	LDR-Unbiased	0.268	0.267	-0.001
115	50	LDR-Unbiased	0.266	0.263	-0.003
116	50	LDR-Unbiased	0.266	0.276	0.01
117	50	LDR-Unbiased	0.275	0.274	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.27	0.274	0.0056569	0.266	0.27	0.274	0.0056569	0	0	0	0
3	0.264	0.2699	0.277	0.0048408	0.264	0.2691	0.276	0.0052377	-0.009	-0.0008	0.01	0.0061968
10	0.264	0.2699	0.277	0.0048408	0.264	0.2696	0.277	0.004812	-0.009	-0.0003	0.011	0.0062548
30	0.264	0.2699	0.277	0.0048408	0.263	0.2694	0.277	0.0049933	-0.01	-0.0005	0.011	0.0062761
50	0.264	0.2699	0.277	0.0048408	0.263	0.2694	0.276	0.004812	-0.009	-0.0005	0.01	0.0058547
100	0.264	0.27188	0.277	0.0060341	0.264	0.26713	0.274	0.0042908	-0.011	-0.00475	0.001	0.0050639

Device Test: 5.51 tdly_Res10p5K_EN4_SU/EN4/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





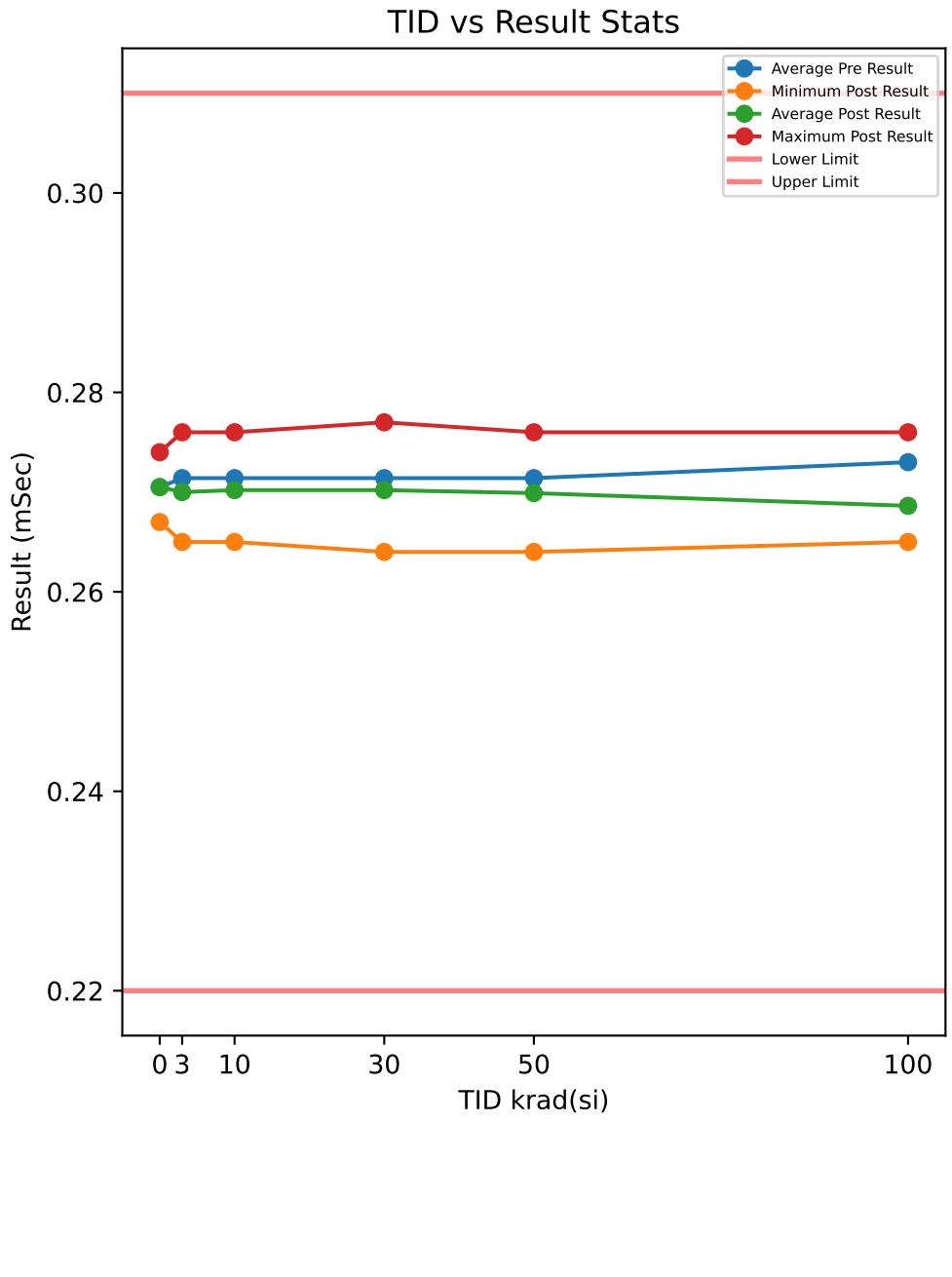
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

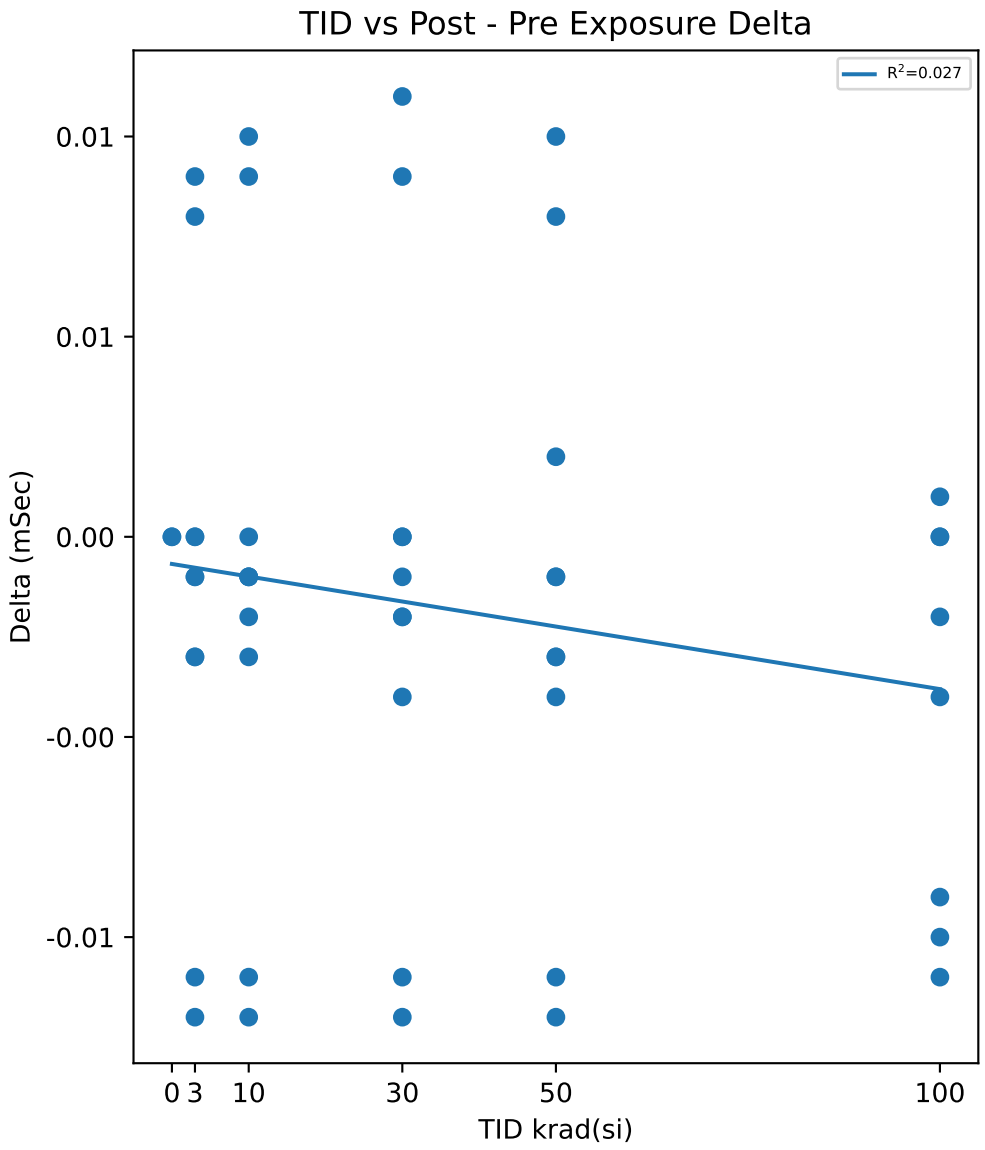
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.273	0.273	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.276	0.267	-0.009
18	3	LDR-Biased	0.277	0.274	-0.003
19	3	LDR-Biased	0.269	0.264	-0.005
20	3	LDR-Biased	0.273	0.267	-0.006
21	3	LDR-Biased	0.264	0.264	0
22	3	LDR-Unbiased	0.265	0.275	0.01
23	3	LDR-Unbiased	0.269	0.266	-0.003
25	3	LDR-Unbiased	0.267	0.264	-0.003
26	3	LDR-Unbiased	0.265	0.276	0.011
27	3	LDR-Unbiased	0.276	0.274	-0.002
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.277	0.274	-0.003
49	10	LDR-Biased	0.269	0.264	-0.005
50	10	LDR-Biased	0.273	0.264	-0.009
51	10	LDR-Biased	0.264	0.265	0.001
52	10	LDR-Unbiased	0.265	0.273	0.008
53	10	LDR-Unbiased	0.269	0.267	-0.002
55	10	LDR-Unbiased	0.267	0.265	-0.002
56	10	LDR-Unbiased	0.265	0.276	0.011
57	10	LDR-Unbiased	0.276	0.275	-0.001
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.277	0.275	-0.002
79	30	LDR-Biased	0.269	0.265	-0.004
80	30	LDR-Biased	0.273	0.265	-0.008
81	30	LDR-Biased	0.264	0.265	0.001
82	30	LDR-Unbiased	0.265	0.275	0.01
83	30	LDR-Unbiased	0.269	0.268	-0.001
84	30	LDR-Unbiased	0.276	0.275	-0.001
85	30	LDR-Unbiased	0.267	0.265	-0.002
86	30	LDR-Unbiased	0.265	0.276	0.011
87	100	LDR-Biased	0.263	0.264	0.001
88	100	LDR-Biased	0.277	0.275	-0.002
90	100	LDR-Biased	0.275	0.275	0
91	100	LDR-Unbiased	0.266	0.265	-0.001
93	100	LDR-Unbiased	0.264	0.264	0
94	100	LDR-Unbiased	0.279	0.266	-0.013
95	100	LDR-Unbiased	0.276	0.265	-0.011
96	100	LDR-Unbiased	0.275	0.265	-0.01
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.277	0.274	-0.003
109	50	LDR-Biased	0.269	0.264	-0.005
110	50	LDR-Biased	0.273	0.265	-0.008
111	50	LDR-Biased	0.264	0.266	0.002
112	50	LDR-Unbiased	0.265	0.275	0.01
113	50	LDR-Unbiased	0.269	0.268	-0.001
115	50	LDR-Unbiased	0.267	0.263	-0.004
116	50	LDR-Unbiased	0.265	0.275	0.01
117	50	LDR-Unbiased	0.276	0.274	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2695	0.273	0.0049497	0.266	0.2695	0.273	0.0049497	0	0	0	0
3	0.264	0.2701	0.277	0.0050211	0.264	0.2691	0.276	0.0050211	-0.009	-0.001	0.011	0.006532
10	0.264	0.2701	0.277	0.0050211	0.264	0.2691	0.276	0.0048637	-0.009	-0.001	0.011	0.0063596
30	0.264	0.2701	0.277	0.0050211	0.265	0.2696	0.276	0.004971	-0.009	-0.0005	0.011	0.006587
50	0.264	0.2701	0.277	0.0050211	0.263	0.2691	0.275	0.0048637	-0.009	-0.001	0.01	0.0066165
100	0.263	0.27188	0.279	0.006424	0.264	0.26738	0.275	0.0047491	-0.013	-0.0045	0.001	0.0057817

Device Test: 5.52 tdly_Res10p5K_SEQ_SU/SEQ_DONE/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





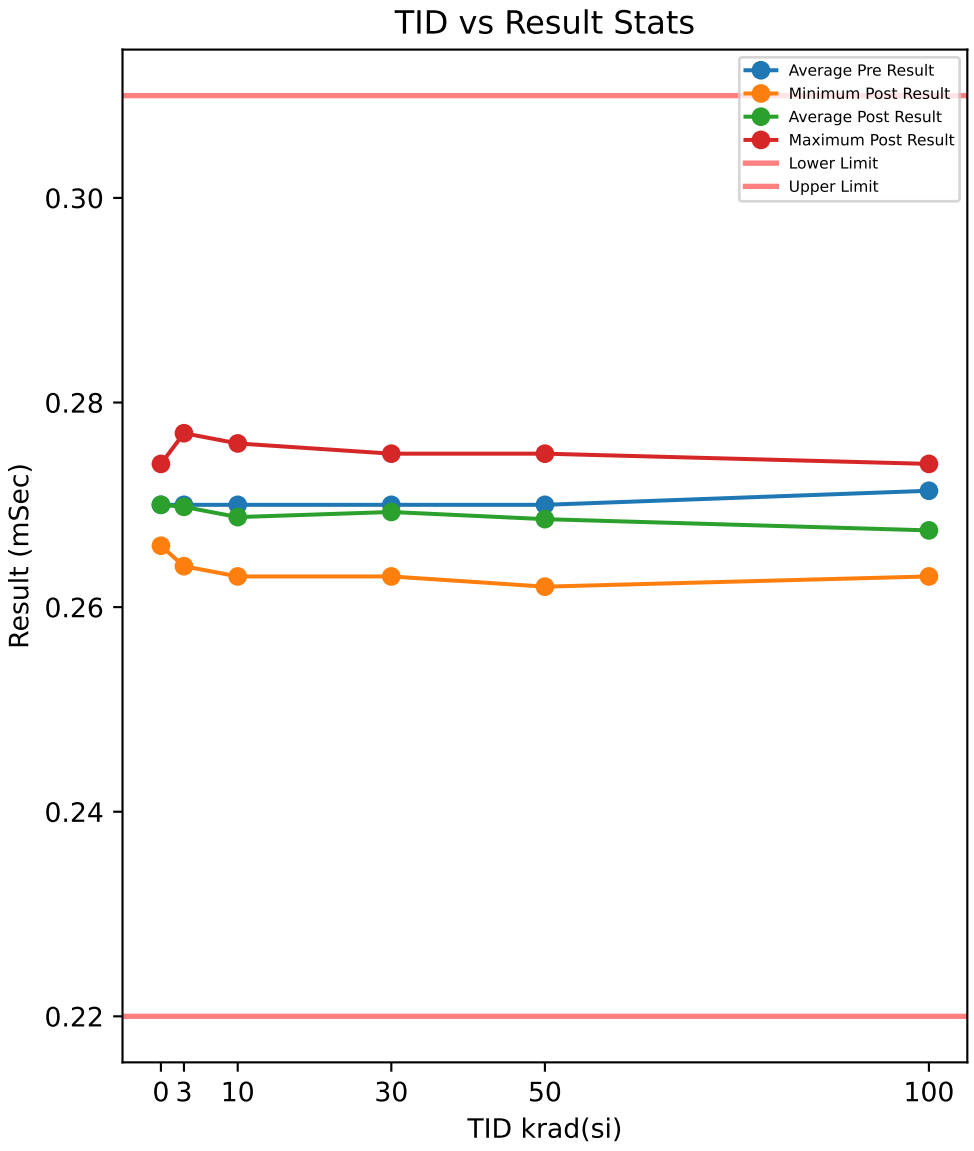
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

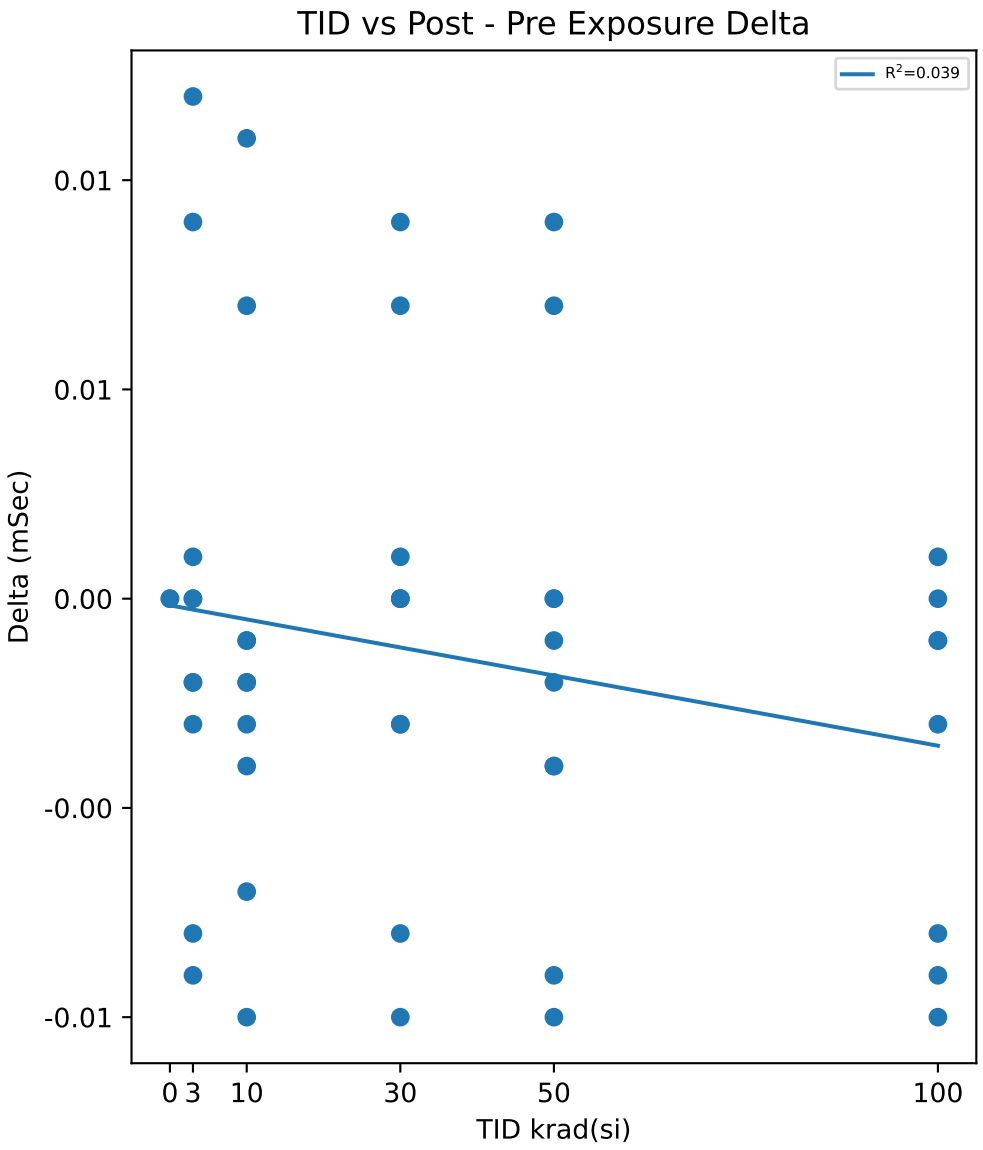
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.267	0.267	0
16	3	LDR-Biased	0.28	0.269	-0.011
18	3	LDR-Biased	0.276	0.276	0
19	3	LDR-Biased	0.269	0.266	-0.003
20	3	LDR-Biased	0.277	0.265	-0.012
21	3	LDR-Biased	0.266	0.265	-0.001
22	3	LDR-Unbiased	0.267	0.275	0.008
23	3	LDR-Unbiased	0.268	0.268	0
25	3	LDR-Unbiased	0.268	0.265	-0.003
26	3	LDR-Unbiased	0.266	0.275	0.009
27	3	LDR-Unbiased	0.277	0.276	-0.001
46	10	LDR-Biased	0.28	0.268	-0.012
48	10	LDR-Biased	0.276	0.275	-0.001
49	10	LDR-Biased	0.269	0.266	-0.003
50	10	LDR-Biased	0.277	0.266	-0.011
51	10	LDR-Biased	0.266	0.265	-0.001
52	10	LDR-Unbiased	0.267	0.276	0.009
53	10	LDR-Unbiased	0.268	0.268	0
55	10	LDR-Unbiased	0.268	0.267	-0.001
56	10	LDR-Unbiased	0.266	0.276	0.01
57	10	LDR-Unbiased	0.277	0.275	-0.002
76	30	LDR-Biased	0.28	0.268	-0.012
78	30	LDR-Biased	0.276	0.274	-0.002
79	30	LDR-Biased	0.269	0.268	-0.001
80	30	LDR-Biased	0.277	0.266	-0.011
81	30	LDR-Biased	0.266	0.266	0
82	30	LDR-Unbiased	0.267	0.276	0.009
83	30	LDR-Unbiased	0.268	0.268	0
84	30	LDR-Unbiased	0.277	0.275	-0.002
85	30	LDR-Unbiased	0.268	0.264	-0.004
86	30	LDR-Unbiased	0.266	0.277	0.011
87	100	LDR-Biased	0.265	0.266	0.001
88	100	LDR-Biased	0.279	0.275	-0.004
90	100	LDR-Biased	0.276	0.276	0
91	100	LDR-Unbiased	0.267	0.265	-0.002
93	100	LDR-Unbiased	0.266	0.266	0
94	100	LDR-Unbiased	0.278	0.267	-0.011
95	100	LDR-Unbiased	0.276	0.267	-0.009
96	100	LDR-Unbiased	0.277	0.267	-0.01
106	50	LDR-Biased	0.28	0.268	-0.012
108	50	LDR-Biased	0.276	0.275	-0.001
109	50	LDR-Biased	0.269	0.266	-0.003
110	50	LDR-Biased	0.277	0.266	-0.011
111	50	LDR-Biased	0.266	0.268	0.002
112	50	LDR-Unbiased	0.267	0.275	0.008
113	50	LDR-Unbiased	0.268	0.267	-0.001
115	50	LDR-Unbiased	0.268	0.264	-0.004
116	50	LDR-Unbiased	0.266	0.276	0.01
117	50	LDR-Unbiased	0.277	0.274	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.267	0.2705	0.274	0.0049497	0.267	0.2705	0.274	0.0049497	0	0	0	0
3	0.266	0.2714	0.28	0.0054201	0.265	0.27	0.276	0.0049216	-0.012	-0.0014	0.009	0.0067528
10	0.266	0.2714	0.28	0.0054201	0.265	0.2702	0.276	0.0046619	-0.012	-0.0012	0.01	0.0070522
30	0.266	0.2714	0.28	0.0054201	0.264	0.2702	0.277	0.0047796	-0.012	-0.0012	0.011	0.0072847
50	0.266	0.2714	0.28	0.0054201	0.264	0.2699	0.276	0.004557	-0.012	-0.0015	0.01	0.0070435
100	0.265	0.273	0.279	0.005904	0.265	0.26863	0.276	0.0043074	-0.011	-0.004375	0.001	0.0049262

Device Test: 5.53 tdly_Res10p5K_PWRGD_SU/PWRGD/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





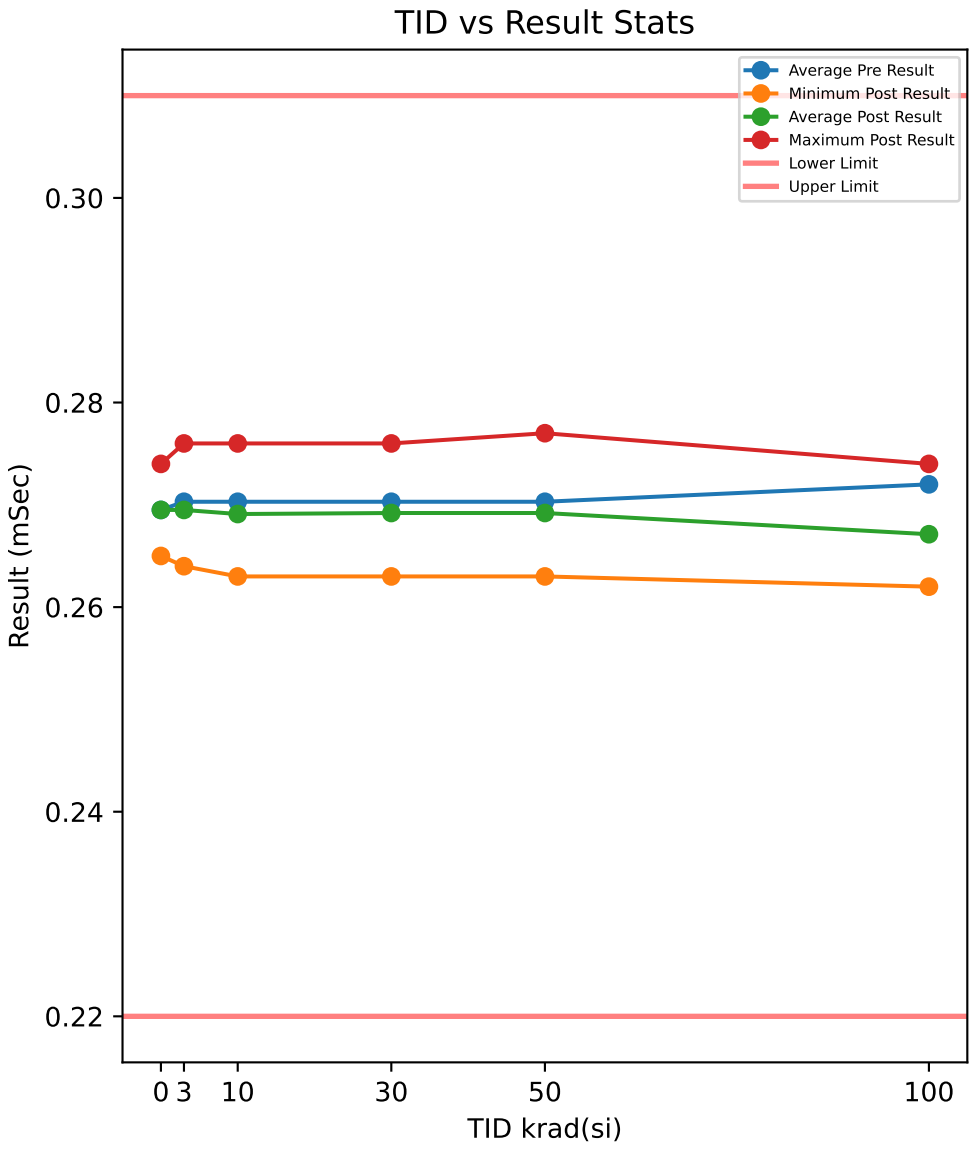
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

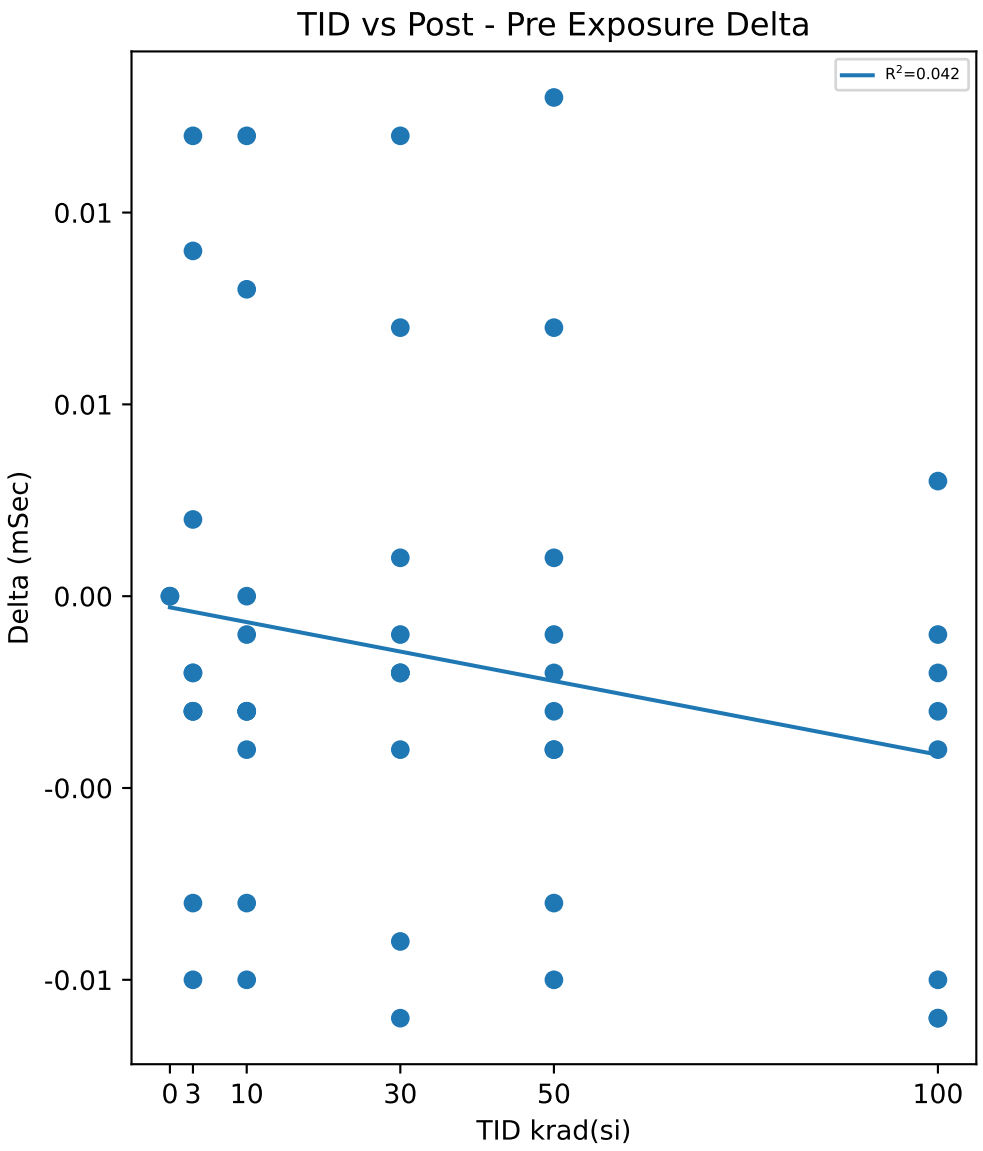
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.275	0.267	-0.008
18	3	LDR-Biased	0.275	0.275	0
19	3	LDR-Biased	0.269	0.266	-0.003
20	3	LDR-Biased	0.275	0.266	-0.009
21	3	LDR-Biased	0.265	0.266	0.001
22	3	LDR-Unbiased	0.267	0.276	0.009
23	3	LDR-Unbiased	0.268	0.266	-0.002
25	3	LDR-Unbiased	0.266	0.264	-0.002
26	3	LDR-Unbiased	0.265	0.277	0.012
27	3	LDR-Unbiased	0.275	0.275	0
46	10	LDR-Biased	0.275	0.268	-0.007
48	10	LDR-Biased	0.275	0.273	-0.002
49	10	LDR-Biased	0.269	0.265	-0.004
50	10	LDR-Biased	0.275	0.265	-0.01
51	10	LDR-Biased	0.265	0.264	-0.001
52	10	LDR-Unbiased	0.267	0.274	0.007
53	10	LDR-Unbiased	0.268	0.267	-0.001
55	10	LDR-Unbiased	0.266	0.263	-0.003
56	10	LDR-Unbiased	0.265	0.276	0.011
57	10	LDR-Unbiased	0.275	0.273	-0.002
76	30	LDR-Biased	0.275	0.267	-0.008
78	30	LDR-Biased	0.275	0.275	0
79	30	LDR-Biased	0.269	0.266	-0.003
80	30	LDR-Biased	0.275	0.265	-0.01
81	30	LDR-Biased	0.265	0.266	0.001
82	30	LDR-Unbiased	0.267	0.274	0.007
83	30	LDR-Unbiased	0.268	0.268	0
84	30	LDR-Unbiased	0.275	0.275	0
85	30	LDR-Unbiased	0.266	0.263	-0.003
86	30	LDR-Unbiased	0.265	0.274	0.009
87	100	LDR-Biased	0.265	0.265	0
88	100	LDR-Biased	0.275	0.274	-0.001
90	100	LDR-Biased	0.275	0.274	-0.001
91	100	LDR-Unbiased	0.266	0.263	-0.003
93	100	LDR-Unbiased	0.264	0.265	0.001
94	100	LDR-Unbiased	0.275	0.266	-0.009
95	100	LDR-Unbiased	0.276	0.268	-0.008
96	100	LDR-Unbiased	0.275	0.265	-0.01
106	50	LDR-Biased	0.275	0.266	-0.009
108	50	LDR-Biased	0.275	0.275	0
109	50	LDR-Biased	0.269	0.265	-0.004
110	50	LDR-Biased	0.275	0.265	-0.01
111	50	LDR-Biased	0.265	0.265	0
112	50	LDR-Unbiased	0.267	0.274	0.007
113	50	LDR-Unbiased	0.268	0.266	-0.002
115	50	LDR-Unbiased	0.266	0.262	-0.004
116	50	LDR-Unbiased	0.265	0.274	0.009
117	50	LDR-Unbiased	0.275	0.274	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.27	0.274	0.0056569	0.266	0.27	0.274	0.0056569	0	0	0	0
3	0.265	0.27	0.275	0.0044721	0.264	0.2698	0.277	0.0052026	-0.009	-0.0002	0.012	0.0065625
10	0.265	0.27	0.275	0.0044721	0.263	0.2688	0.276	0.0047563	-0.01	-0.0012	0.011	0.0061427
30	0.265	0.27	0.275	0.0044721	0.263	0.2693	0.275	0.0046679	-0.01	-0.0007	0.009	0.0058509
50	0.265	0.27	0.275	0.0044721	0.262	0.2686	0.275	0.0049933	-0.01	-0.0014	0.009	0.0060406
100	0.264	0.27138	0.276	0.0053168	0.263	0.2675	0.274	0.0042426	-0.01	-0.003875	0.001	0.0044219

Device Test: 5.54 tdly_Res10p5K_EN1_SD/EN1/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





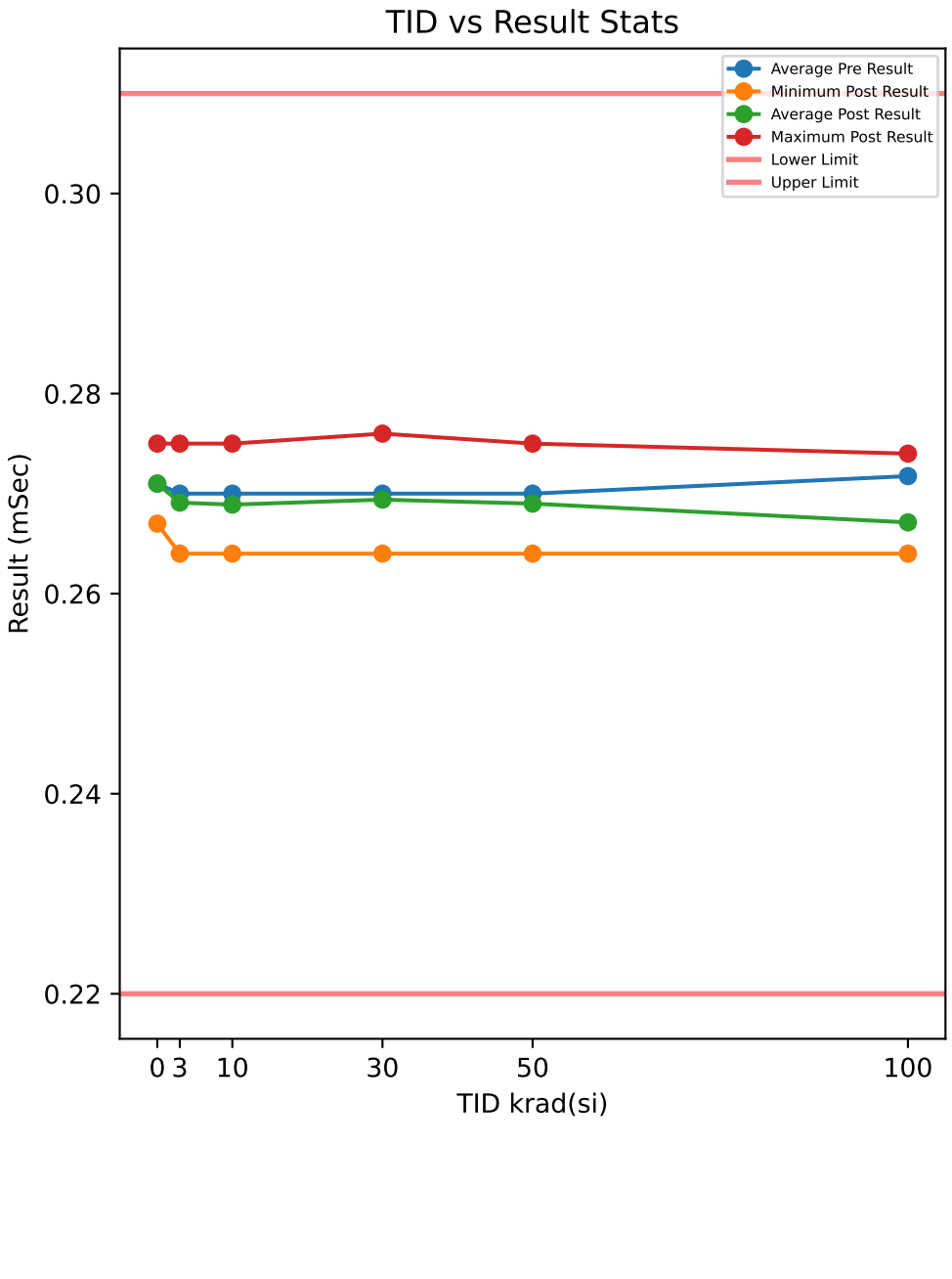
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

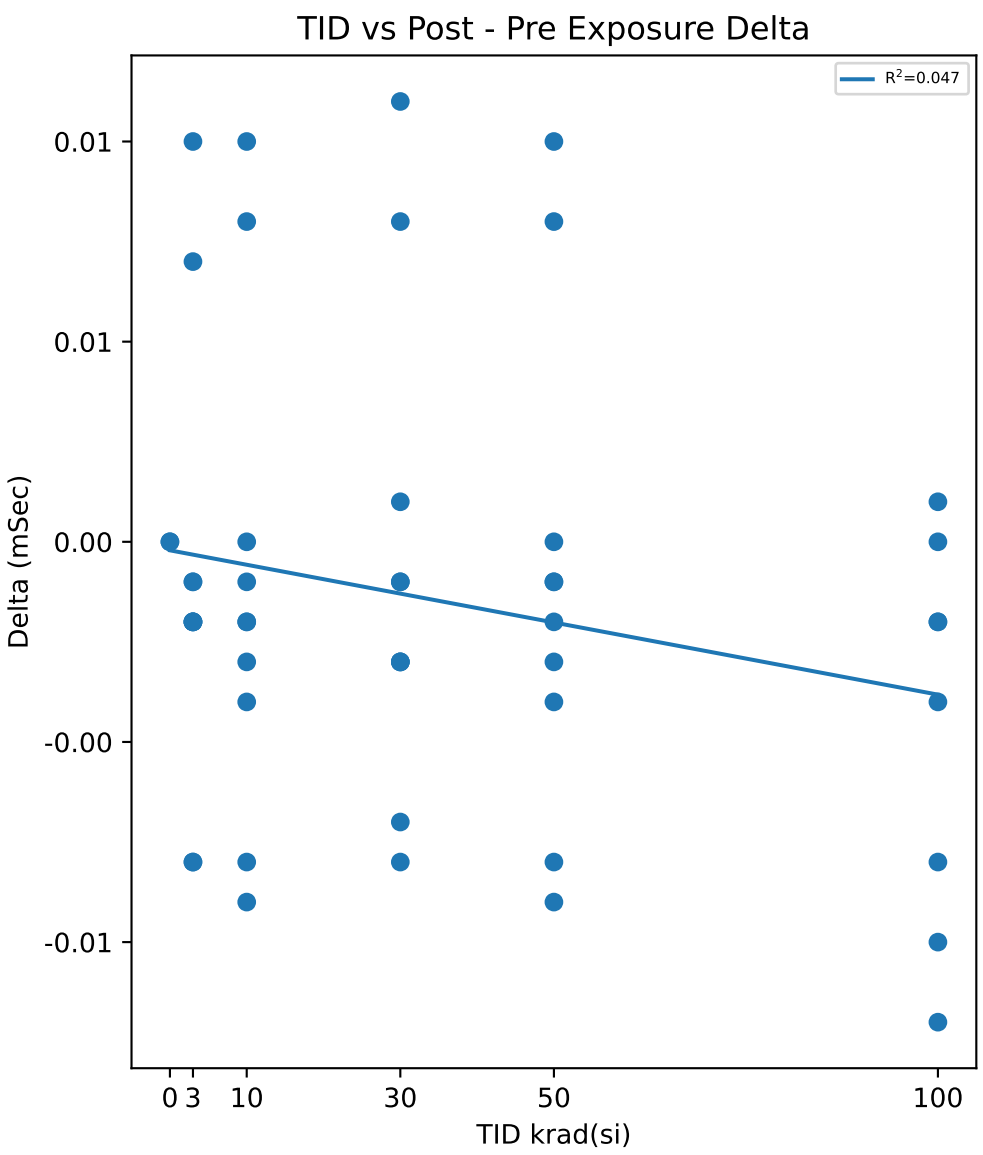
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.265	0.265	0
16	3	LDR-Biased	0.276	0.268	-0.008
18	3	LDR-Biased	0.274	0.276	0.002
19	3	LDR-Biased	0.268	0.265	-0.003
20	3	LDR-Biased	0.275	0.265	-0.01
21	3	LDR-Biased	0.266	0.264	-0.002
22	3	LDR-Unbiased	0.267	0.276	0.009
23	3	LDR-Unbiased	0.269	0.266	-0.003
25	3	LDR-Unbiased	0.267	0.265	-0.002
26	3	LDR-Unbiased	0.264	0.276	0.012
27	3	LDR-Unbiased	0.277	0.274	-0.003
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.274	0.274	0
49	10	LDR-Biased	0.268	0.265	-0.003
50	10	LDR-Biased	0.275	0.265	-0.01
51	10	LDR-Biased	0.266	0.265	-0.001
52	10	LDR-Unbiased	0.267	0.275	0.008
53	10	LDR-Unbiased	0.269	0.266	-0.003
55	10	LDR-Unbiased	0.267	0.263	-0.004
56	10	LDR-Unbiased	0.264	0.276	0.012
57	10	LDR-Unbiased	0.277	0.274	-0.003
76	30	LDR-Biased	0.276	0.267	-0.009
78	30	LDR-Biased	0.274	0.275	0.001
79	30	LDR-Biased	0.268	0.266	-0.002
80	30	LDR-Biased	0.275	0.264	-0.011
81	30	LDR-Biased	0.266	0.265	-0.001
82	30	LDR-Unbiased	0.267	0.274	0.007
83	30	LDR-Unbiased	0.269	0.267	-0.002
84	30	LDR-Unbiased	0.277	0.275	-0.002
85	30	LDR-Unbiased	0.267	0.263	-0.004
86	30	LDR-Unbiased	0.264	0.276	0.012
87	100	LDR-Biased	0.263	0.266	0.003
88	100	LDR-Biased	0.276	0.274	-0.002
90	100	LDR-Biased	0.277	0.274	-0.003
91	100	LDR-Unbiased	0.266	0.262	-0.004
93	100	LDR-Unbiased	0.265	0.264	-0.001
94	100	LDR-Unbiased	0.277	0.266	-0.011
95	100	LDR-Unbiased	0.276	0.266	-0.01
96	100	LDR-Unbiased	0.276	0.265	-0.011
106	50	LDR-Biased	0.276	0.268	-0.008
108	50	LDR-Biased	0.274	0.273	-0.001
109	50	LDR-Biased	0.268	0.264	-0.004
110	50	LDR-Biased	0.275	0.265	-0.01
111	50	LDR-Biased	0.266	0.267	0.001
112	50	LDR-Unbiased	0.267	0.274	0.007
113	50	LDR-Unbiased	0.269	0.266	-0.003
115	50	LDR-Unbiased	0.267	0.263	-0.004
116	50	LDR-Unbiased	0.264	0.277	0.013
117	50	LDR-Unbiased	0.277	0.275	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.265	0.2695	0.274	0.006364	0.265	0.2695	0.274	0.006364	0	0	0	0
3	0.264	0.2703	0.277	0.0047152	0.264	0.2695	0.276	0.0052967	-0.01	-0.0008	0.012	0.0068443
10	0.264	0.2703	0.277	0.0047152	0.263	0.2691	0.276	0.0050431	-0.01	-0.0012	0.012	0.00668
30	0.264	0.2703	0.277	0.0047152	0.263	0.2692	0.276	0.0051597	-0.011	-0.0011	0.012	0.0067733
50	0.264	0.2703	0.277	0.0047152	0.263	0.2692	0.277	0.0050728	-0.01	-0.0011	0.013	0.006806
100	0.263	0.272	0.277	0.0061412	0.262	0.26713	0.274	0.0044541	-0.011	-0.004875	0.003	0.0052219

Device Test: 5.55 tdly_Res10p5K_EN2_SD/EN2/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





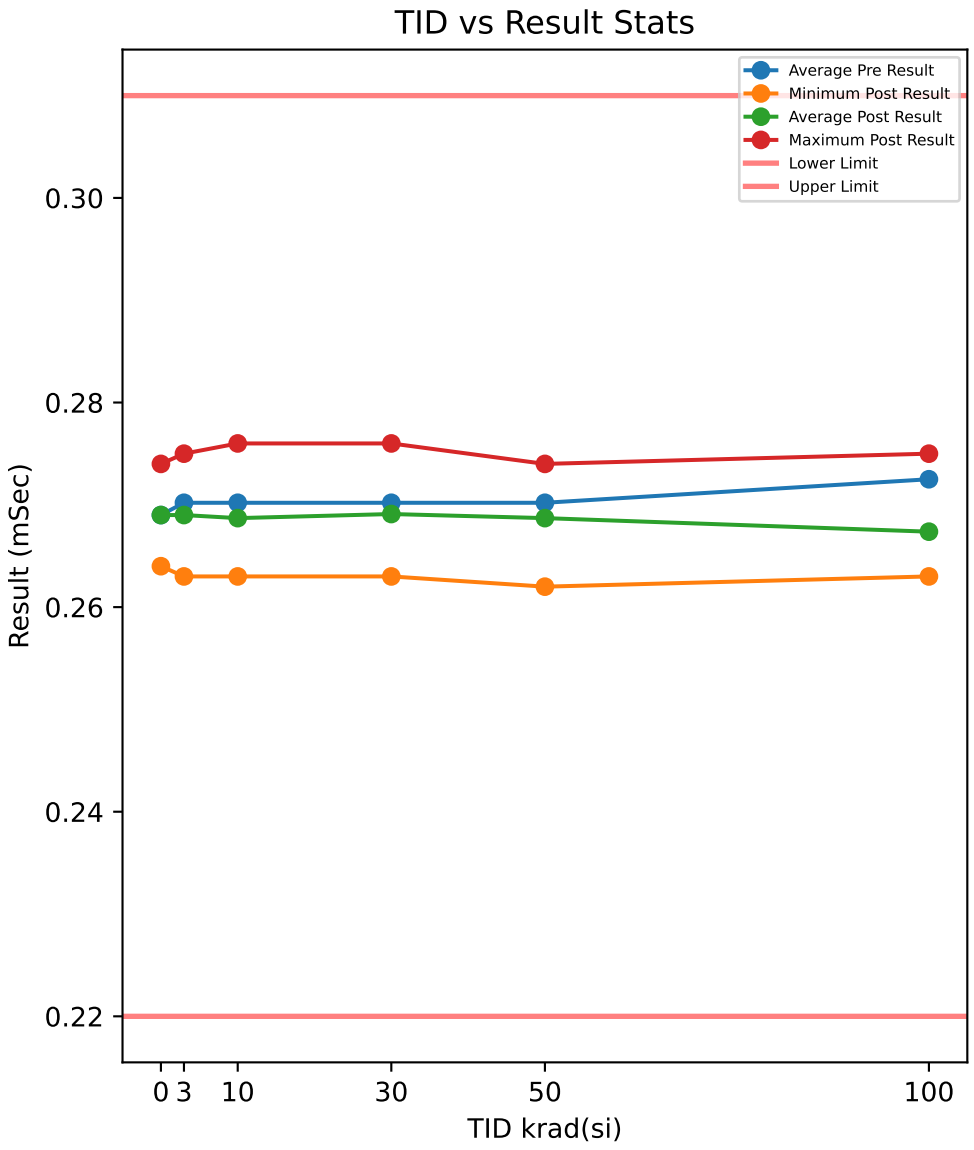
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

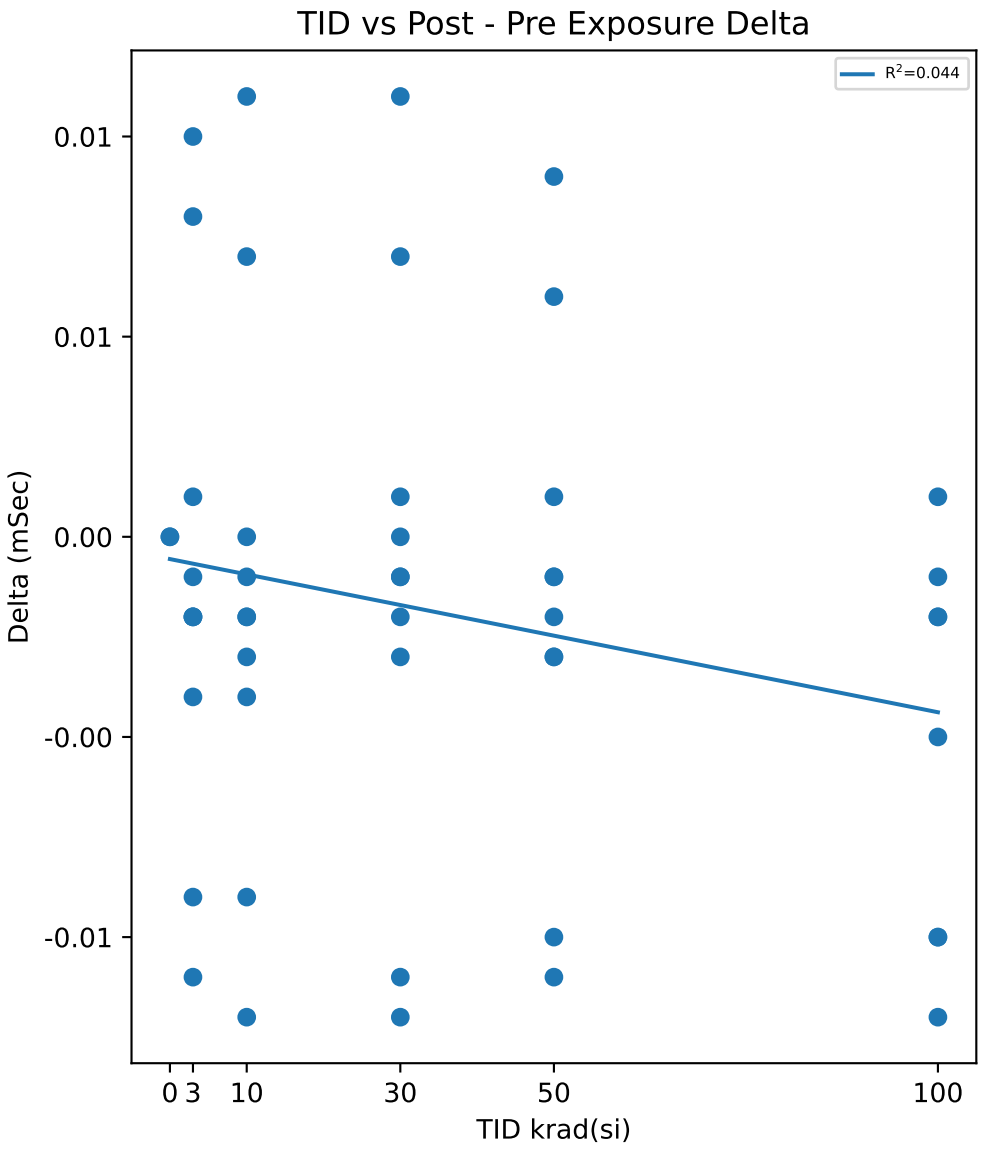
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.275	0.275	0
7	0	Correlation	0.267	0.267	0
16	3	LDR-Biased	0.276	0.268	-0.008
18	3	LDR-Biased	0.276	0.274	-0.002
19	3	LDR-Biased	0.268	0.266	-0.002
20	3	LDR-Biased	0.273	0.265	-0.008
21	3	LDR-Biased	0.266	0.264	-0.002
22	3	LDR-Unbiased	0.267	0.274	0.007
23	3	LDR-Unbiased	0.268	0.266	-0.002
25	3	LDR-Unbiased	0.265	0.264	-0.001
26	3	LDR-Unbiased	0.265	0.275	0.01
27	3	LDR-Unbiased	0.276	0.275	-0.001
46	10	LDR-Biased	0.276	0.267	-0.009
48	10	LDR-Biased	0.276	0.273	-0.003
49	10	LDR-Biased	0.268	0.264	-0.004
50	10	LDR-Biased	0.273	0.265	-0.008
51	10	LDR-Biased	0.266	0.266	0
52	10	LDR-Unbiased	0.267	0.275	0.008
53	10	LDR-Unbiased	0.268	0.266	-0.002
55	10	LDR-Unbiased	0.265	0.264	-0.001
56	10	LDR-Unbiased	0.265	0.275	0.01
57	10	LDR-Unbiased	0.276	0.274	-0.002
76	30	LDR-Biased	0.276	0.268	-0.008
78	30	LDR-Biased	0.276	0.275	-0.001
79	30	LDR-Biased	0.268	0.265	-0.003
80	30	LDR-Biased	0.273	0.266	-0.007
81	30	LDR-Biased	0.266	0.267	0.001
82	30	LDR-Unbiased	0.267	0.275	0.008
83	30	LDR-Unbiased	0.268	0.265	-0.003
84	30	LDR-Unbiased	0.276	0.273	-0.003
85	30	LDR-Unbiased	0.265	0.264	-0.001
86	30	LDR-Unbiased	0.265	0.276	0.011
87	100	LDR-Biased	0.264	0.265	0.001
88	100	LDR-Biased	0.277	0.273	-0.004
90	100	LDR-Biased	0.276	0.274	-0.002
91	100	LDR-Unbiased	0.266	0.264	-0.002
93	100	LDR-Unbiased	0.264	0.264	0
94	100	LDR-Unbiased	0.277	0.265	-0.012
95	100	LDR-Unbiased	0.275	0.267	-0.008
96	100	LDR-Unbiased	0.275	0.265	-0.01
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.276	0.273	-0.003
109	50	LDR-Biased	0.268	0.264	-0.004
110	50	LDR-Biased	0.273	0.265	-0.008
111	50	LDR-Biased	0.266	0.266	0
112	50	LDR-Unbiased	0.267	0.275	0.008
113	50	LDR-Unbiased	0.268	0.266	-0.002
115	50	LDR-Unbiased	0.265	0.264	-0.001
116	50	LDR-Unbiased	0.265	0.275	0.01
117	50	LDR-Unbiased	0.276	0.275	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.267	0.271	0.275	0.0056569	0.267	0.271	0.275	0.0056569	0	0	0	0
3	0.265	0.27	0.276	0.004714	0.264	0.2691	0.275	0.0047947	-0.008	-0.0009	0.01	0.005646
10	0.265	0.27	0.276	0.004714	0.264	0.2689	0.275	0.0047246	-0.009	-0.0011	0.01	0.0060636
30	0.265	0.27	0.276	0.004714	0.264	0.2694	0.276	0.0047889	-0.008	-0.0006	0.011	0.0060037
50	0.265	0.27	0.276	0.004714	0.264	0.269	0.275	0.0048534	-0.009	-0.001	0.01	0.0060553
100	0.264	0.27175	0.277	0.0059462	0.264	0.26713	0.274	0.004051	-0.012	-0.004625	0.001	0.0048088

Device Test: 5.56 tdly_Res10p5K_EN3_SD/EN3/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





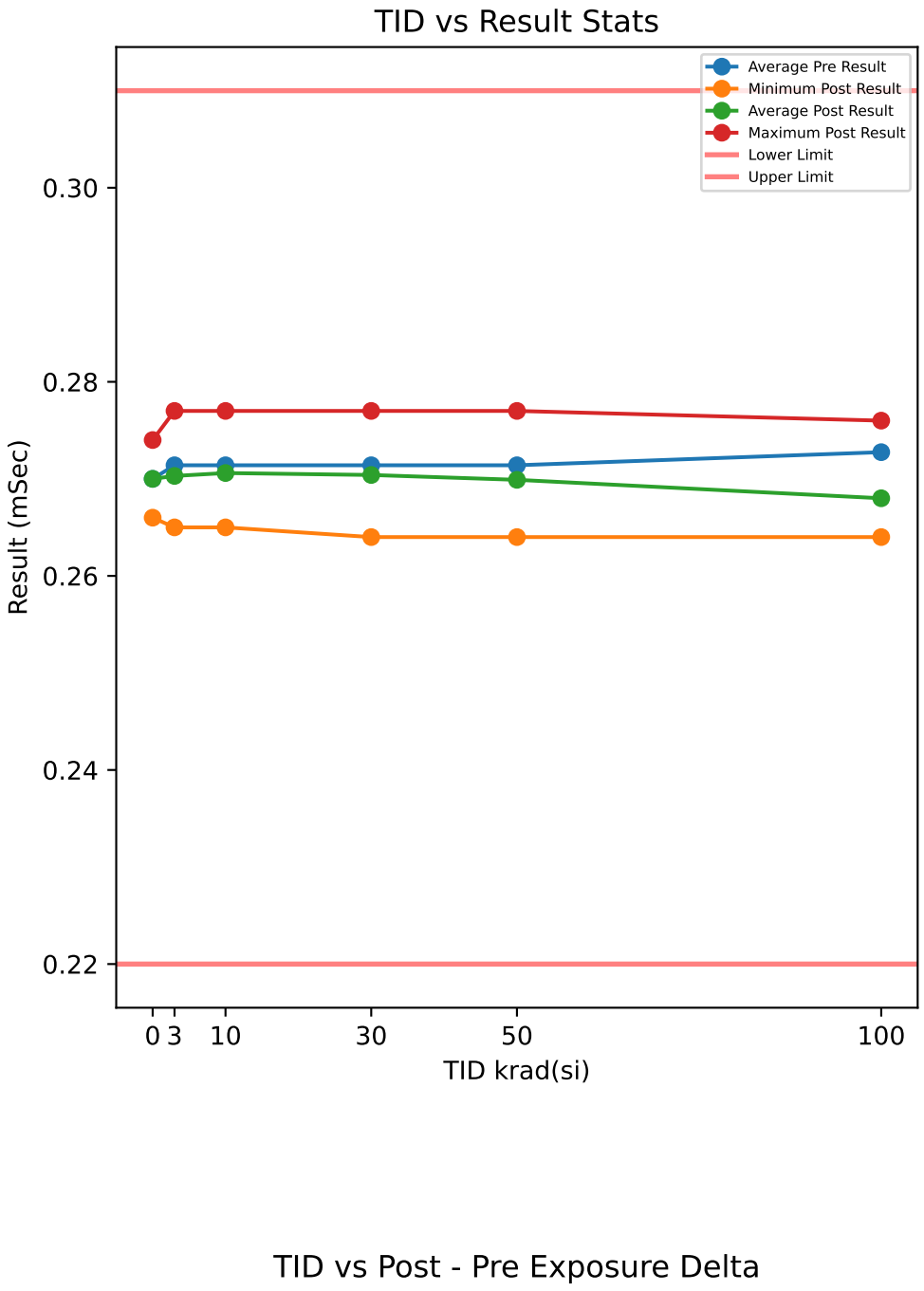
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

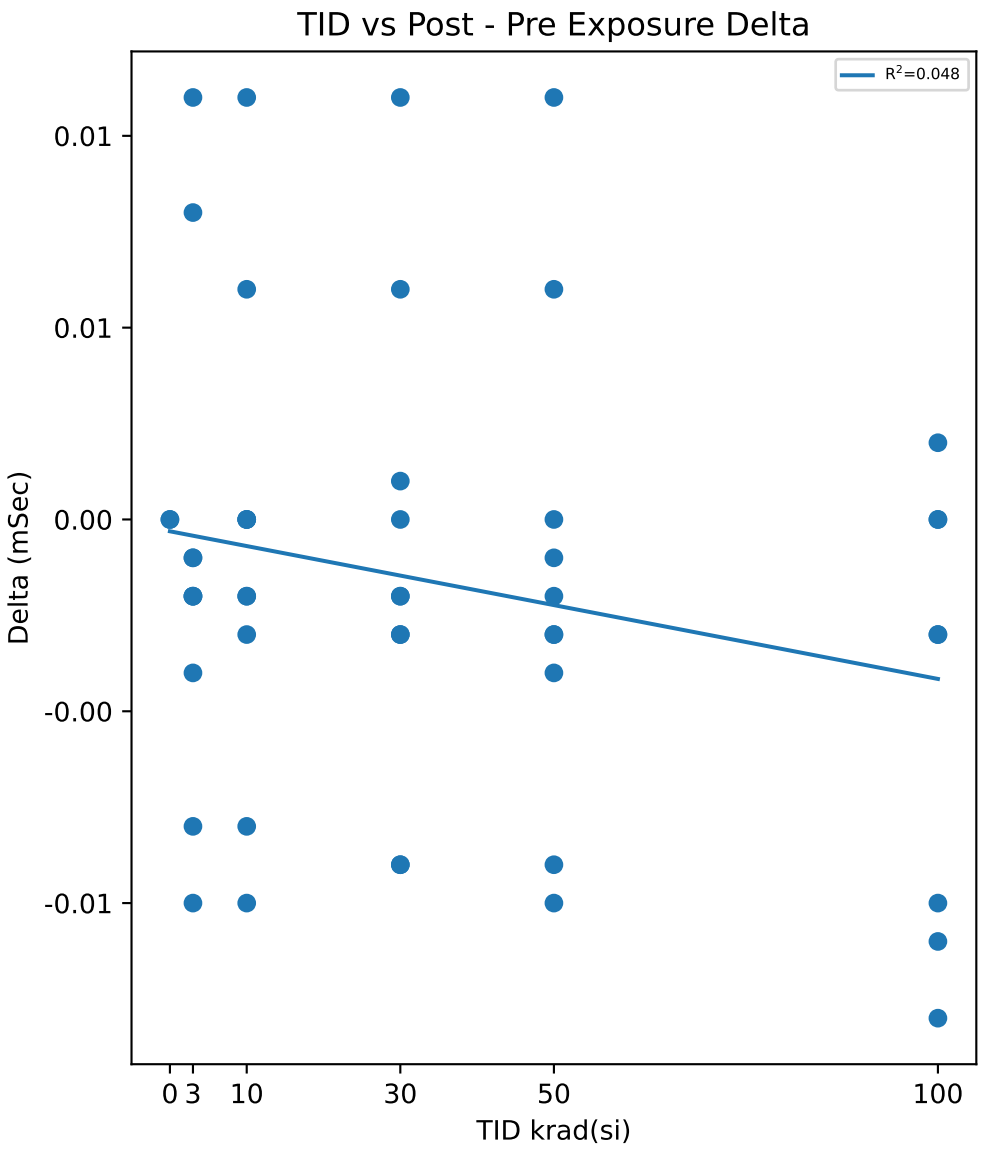
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.264	0.264	0
16	3	LDR-Biased	0.279	0.268	-0.011
18	3	LDR-Biased	0.276	0.274	-0.002
19	3	LDR-Biased	0.267	0.265	-0.002
20	3	LDR-Biased	0.275	0.266	-0.009
21	3	LDR-Biased	0.264	0.265	0.001
22	3	LDR-Unbiased	0.267	0.275	0.008
23	3	LDR-Unbiased	0.267	0.266	-0.001
25	3	LDR-Unbiased	0.265	0.263	-0.002
26	3	LDR-Unbiased	0.265	0.275	0.01
27	3	LDR-Unbiased	0.277	0.273	-0.004
46	10	LDR-Biased	0.279	0.267	-0.012
48	10	LDR-Biased	0.276	0.274	-0.002
49	10	LDR-Biased	0.267	0.264	-0.003
50	10	LDR-Biased	0.275	0.266	-0.009
51	10	LDR-Biased	0.264	0.264	0
52	10	LDR-Unbiased	0.267	0.274	0.007
53	10	LDR-Unbiased	0.267	0.266	-0.001
55	10	LDR-Unbiased	0.265	0.263	-0.002
56	10	LDR-Unbiased	0.265	0.276	0.011
57	10	LDR-Unbiased	0.277	0.273	-0.004
76	30	LDR-Biased	0.279	0.267	-0.012
78	30	LDR-Biased	0.276	0.275	-0.001
79	30	LDR-Biased	0.267	0.266	-0.001
80	30	LDR-Biased	0.275	0.264	-0.011
81	30	LDR-Biased	0.264	0.265	0.001
82	30	LDR-Unbiased	0.267	0.274	0.007
83	30	LDR-Unbiased	0.267	0.267	0
84	30	LDR-Unbiased	0.277	0.274	-0.003
85	30	LDR-Unbiased	0.265	0.263	-0.002
86	30	LDR-Unbiased	0.265	0.276	0.011
87	100	LDR-Biased	0.265	0.266	0.001
88	100	LDR-Biased	0.277	0.275	-0.002
90	100	LDR-Biased	0.277	0.275	-0.002
91	100	LDR-Unbiased	0.268	0.263	-0.005
93	100	LDR-Unbiased	0.265	0.264	-0.001
94	100	LDR-Unbiased	0.275	0.265	-0.01
95	100	LDR-Unbiased	0.276	0.266	-0.01
96	100	LDR-Unbiased	0.277	0.265	-0.012
106	50	LDR-Biased	0.279	0.268	-0.011
108	50	LDR-Biased	0.276	0.274	-0.002
109	50	LDR-Biased	0.267	0.266	-0.001
110	50	LDR-Biased	0.275	0.265	-0.01
111	50	LDR-Biased	0.264	0.265	0.001
112	50	LDR-Unbiased	0.267	0.273	0.006
113	50	LDR-Unbiased	0.267	0.266	-0.001
115	50	LDR-Unbiased	0.265	0.262	-0.003
116	50	LDR-Unbiased	0.265	0.274	0.009
117	50	LDR-Unbiased	0.277	0.274	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.264	0.269	0.274	0.0070711	0.264	0.269	0.274	0.0070711	0	0	0	0
3	0.264	0.2702	0.279	0.005808	0.263	0.269	0.275	0.004714	-0.011	-0.0012	0.01	0.0065115
10	0.264	0.2702	0.279	0.005808	0.263	0.2687	0.276	0.0049677	-0.012	-0.0015	0.011	0.0067206
30	0.264	0.2702	0.279	0.005808	0.263	0.2691	0.276	0.0050431	-0.012	-0.0011	0.011	0.0069833
50	0.264	0.2702	0.279	0.005808	0.262	0.2687	0.274	0.0045959	-0.011	-0.0015	0.009	0.0061509
100	0.265	0.2725	0.277	0.0055032	0.263	0.26738	0.275	0.0048088	-0.012	-0.005125	0.001	0.0049117

Device Test: 5.57 tdly_Res10p5K_EN4_SD/EN4/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





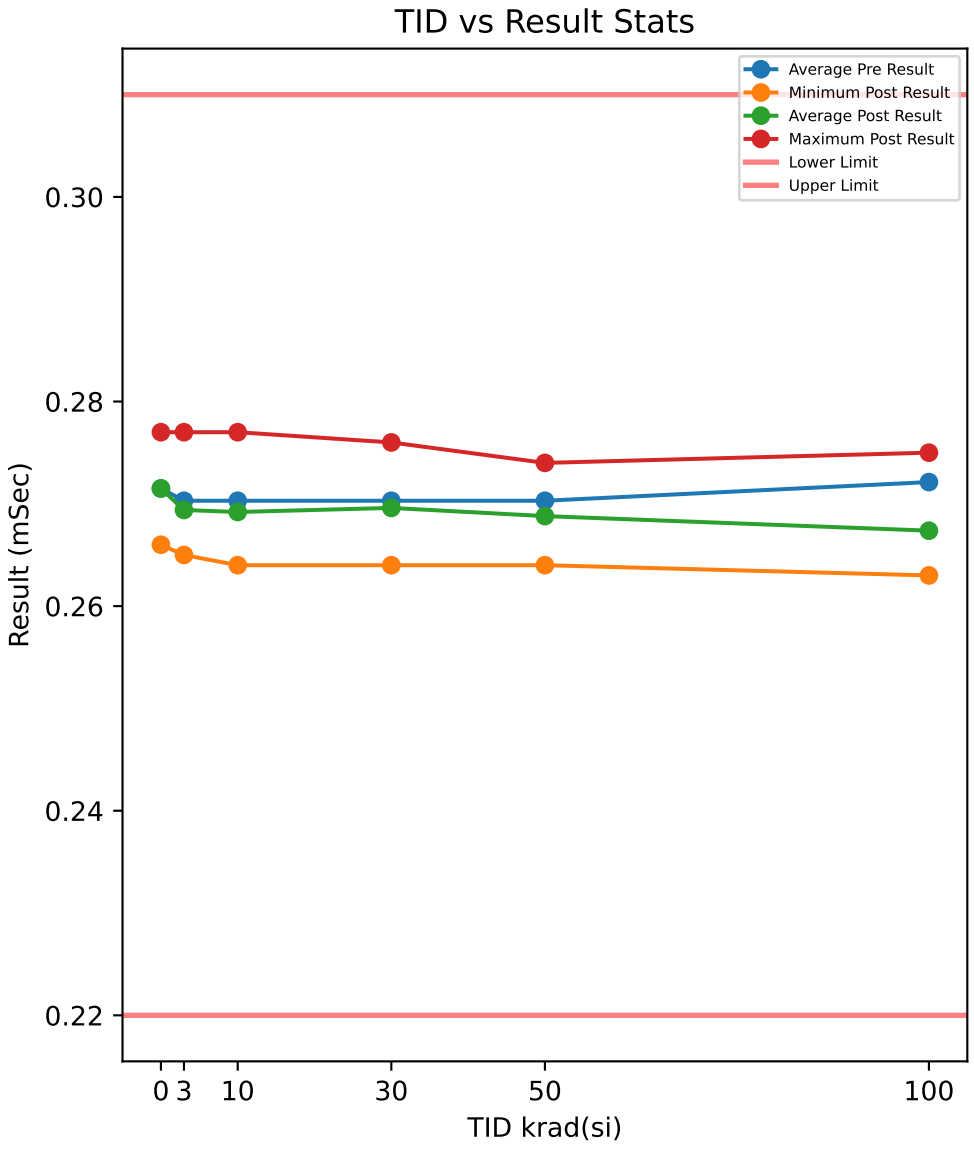
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

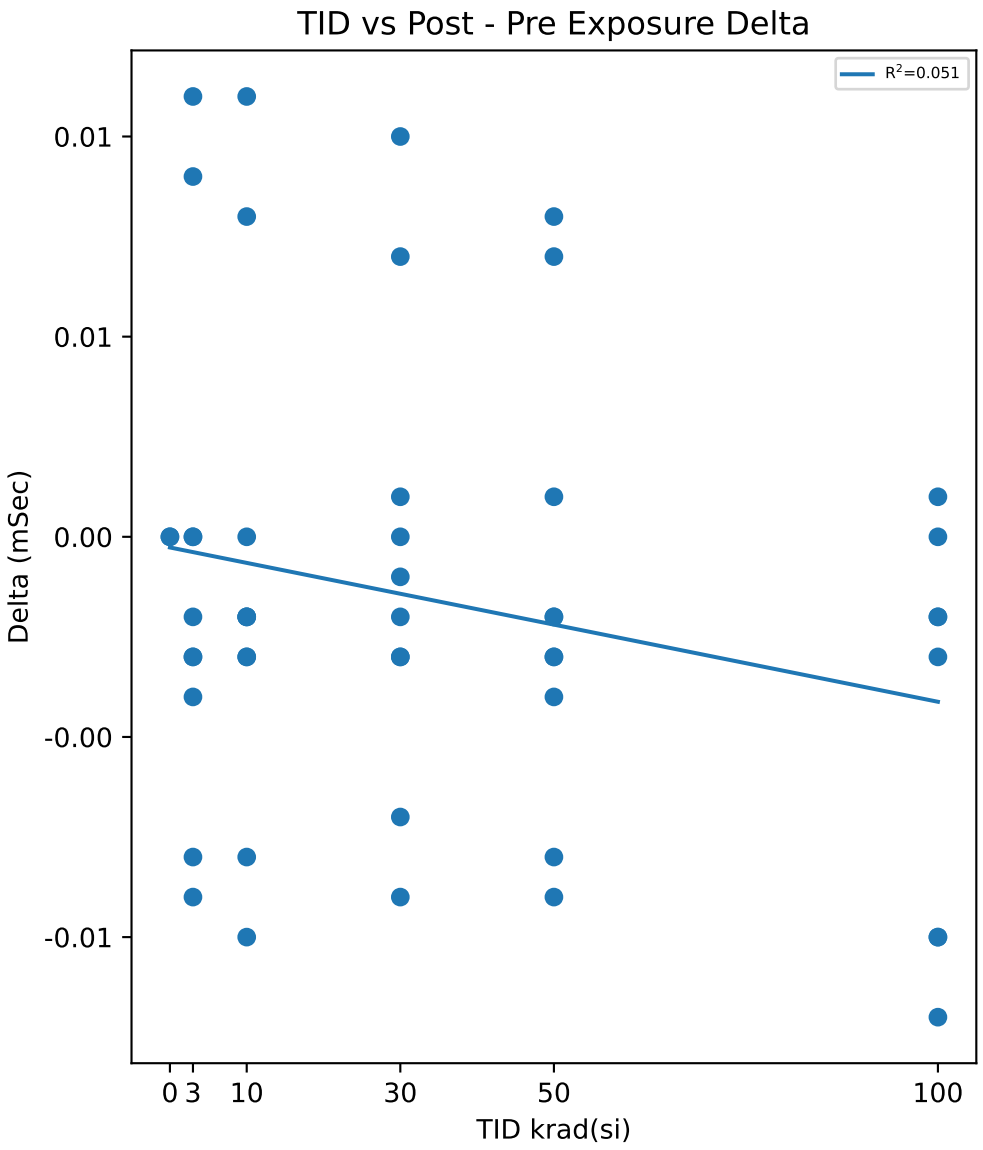
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.274	0.274	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.277	0.269	-0.008
18	3	LDR-Biased	0.278	0.276	-0.002
19	3	LDR-Biased	0.27	0.266	-0.004
20	3	LDR-Biased	0.276	0.266	-0.01
21	3	LDR-Biased	0.267	0.265	-0.002
22	3	LDR-Unbiased	0.269	0.277	0.008
23	3	LDR-Unbiased	0.268	0.267	-0.001
25	3	LDR-Unbiased	0.267	0.265	-0.002
26	3	LDR-Unbiased	0.266	0.277	0.011
27	3	LDR-Unbiased	0.276	0.275	-0.001
46	10	LDR-Biased	0.277	0.269	-0.008
48	10	LDR-Biased	0.278	0.276	-0.002
49	10	LDR-Biased	0.27	0.267	-0.003
50	10	LDR-Biased	0.276	0.266	-0.01
51	10	LDR-Biased	0.267	0.267	0
52	10	LDR-Unbiased	0.269	0.275	0.006
53	10	LDR-Unbiased	0.268	0.268	0
55	10	LDR-Unbiased	0.267	0.265	-0.002
56	10	LDR-Unbiased	0.266	0.277	0.011
57	10	LDR-Unbiased	0.276	0.276	0
76	30	LDR-Biased	0.277	0.268	-0.009
78	30	LDR-Biased	0.278	0.276	-0.002
79	30	LDR-Biased	0.27	0.267	-0.003
80	30	LDR-Biased	0.276	0.267	-0.009
81	30	LDR-Biased	0.267	0.268	0.001
82	30	LDR-Unbiased	0.269	0.275	0.006
83	30	LDR-Unbiased	0.268	0.266	-0.002
84	30	LDR-Unbiased	0.276	0.276	0
85	30	LDR-Unbiased	0.267	0.264	-0.003
86	30	LDR-Unbiased	0.266	0.277	0.011
87	100	LDR-Biased	0.266	0.268	0.002
88	100	LDR-Biased	0.277	0.274	-0.003
90	100	LDR-Biased	0.276	0.276	0
91	100	LDR-Unbiased	0.267	0.264	-0.003
93	100	LDR-Unbiased	0.266	0.266	0
94	100	LDR-Unbiased	0.278	0.265	-0.013
95	100	LDR-Unbiased	0.276	0.266	-0.01
96	100	LDR-Unbiased	0.276	0.265	-0.011
106	50	LDR-Biased	0.277	0.268	-0.009
108	50	LDR-Biased	0.278	0.275	-0.003
109	50	LDR-Biased	0.27	0.266	-0.004
110	50	LDR-Biased	0.276	0.266	-0.01
111	50	LDR-Biased	0.267	0.267	0
112	50	LDR-Unbiased	0.269	0.275	0.006
113	50	LDR-Unbiased	0.268	0.266	-0.002
115	50	LDR-Unbiased	0.267	0.264	-0.003
116	50	LDR-Unbiased	0.266	0.277	0.011
117	50	LDR-Unbiased	0.276	0.275	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.27	0.274	0.0056569	0.266	0.27	0.274	0.0056569	0	0	0	0
3	0.266	0.2714	0.278	0.0047656	0.265	0.2703	0.277	0.0052715	-0.01	-0.0011	0.011	0.0063849
10	0.266	0.2714	0.278	0.0047656	0.265	0.2706	0.277	0.0047889	-0.01	-0.0008	0.011	0.00607
30	0.266	0.2714	0.278	0.0047656	0.264	0.2704	0.277	0.004971	-0.009	-0.001	0.011	0.0061101
50	0.266	0.2714	0.278	0.0047656	0.264	0.2699	0.277	0.0049542	-0.01	-0.0015	0.011	0.0062761
100	0.266	0.27275	0.278	0.0053652	0.264	0.268	0.276	0.004504	-0.013	-0.00475	0.002	0.0057508

Device Test: 5.58 tdly_Res10p5K_SEQ_SD/SEQ_DONE/1.6/3/10.5K/0/0/@DLY_TMR_10KOHM





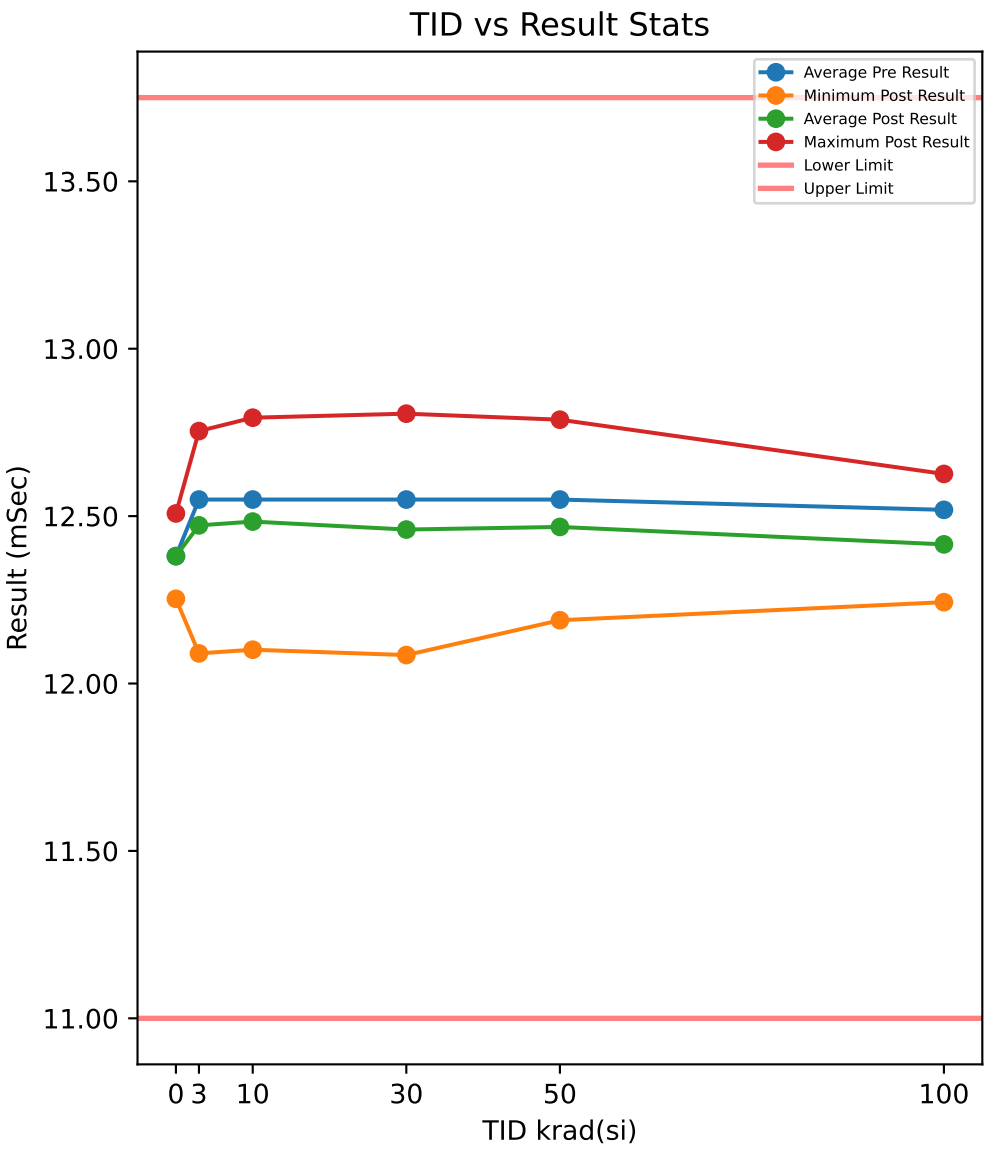
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

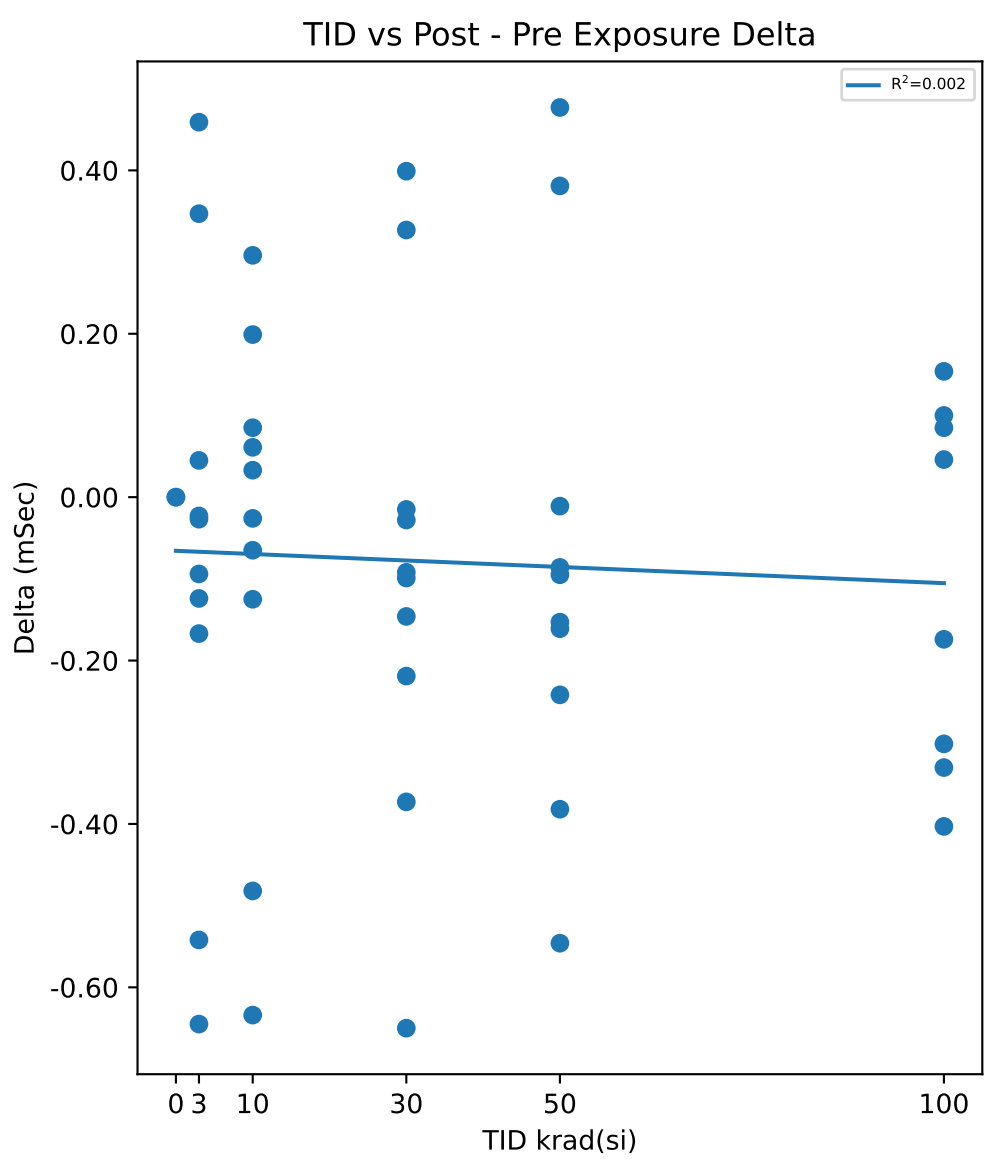
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.277	0.277	0
7	0	Correlation	0.266	0.266	0
16	3	LDR-Biased	0.276	0.267	-0.009
18	3	LDR-Biased	0.277	0.273	-0.004
19	3	LDR-Biased	0.268	0.265	-0.003
20	3	LDR-Biased	0.274	0.266	-0.008
21	3	LDR-Biased	0.265	0.265	0
22	3	LDR-Unbiased	0.266	0.275	0.009
23	3	LDR-Unbiased	0.269	0.266	-0.003
25	3	LDR-Unbiased	0.267	0.265	-0.002
26	3	LDR-Unbiased	0.266	0.277	0.011
27	3	LDR-Unbiased	0.275	0.275	0
46	10	LDR-Biased	0.276	0.268	-0.008
48	10	LDR-Biased	0.277	0.274	-0.003
49	10	LDR-Biased	0.268	0.266	-0.002
50	10	LDR-Biased	0.274	0.264	-0.01
51	10	LDR-Biased	0.265	0.265	0
52	10	LDR-Unbiased	0.266	0.274	0.008
53	10	LDR-Unbiased	0.269	0.266	-0.003
55	10	LDR-Unbiased	0.267	0.265	-0.002
56	10	LDR-Unbiased	0.266	0.277	0.011
57	10	LDR-Unbiased	0.275	0.273	-0.002
76	30	LDR-Biased	0.276	0.269	-0.007
78	30	LDR-Biased	0.277	0.274	-0.003
79	30	LDR-Biased	0.268	0.266	-0.002
80	30	LDR-Biased	0.274	0.265	-0.009
81	30	LDR-Biased	0.265	0.266	0.001
82	30	LDR-Unbiased	0.266	0.273	0.007
83	30	LDR-Unbiased	0.269	0.268	-0.001
84	30	LDR-Unbiased	0.275	0.275	0
85	30	LDR-Unbiased	0.267	0.264	-0.003
86	30	LDR-Unbiased	0.266	0.276	0.01
87	100	LDR-Biased	0.266	0.266	0
88	100	LDR-Biased	0.277	0.275	-0.002
90	100	LDR-Biased	0.277	0.274	-0.003
91	100	LDR-Unbiased	0.267	0.265	-0.002
93	100	LDR-Unbiased	0.264	0.265	0.001
94	100	LDR-Unbiased	0.276	0.266	-0.01
95	100	LDR-Unbiased	0.275	0.265	-0.01
96	100	LDR-Unbiased	0.275	0.263	-0.012
106	50	LDR-Biased	0.276	0.267	-0.009
108	50	LDR-Biased	0.277	0.273	-0.004
109	50	LDR-Biased	0.268	0.266	-0.002
110	50	LDR-Biased	0.274	0.266	-0.008
111	50	LDR-Biased	0.265	0.266	0.001
112	50	LDR-Unbiased	0.266	0.273	0.007
113	50	LDR-Unbiased	0.269	0.266	-0.003
115	50	LDR-Unbiased	0.267	0.264	-0.003
116	50	LDR-Unbiased	0.266	0.274	0.008
117	50	LDR-Unbiased	0.275	0.273	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.266	0.2715	0.277	0.0077782	0.266	0.2715	0.277	0.0077782	0	0	0	0
3	0.265	0.2703	0.277	0.0046679	0.265	0.2694	0.277	0.0049486	-0.009	-0.0009	0.011	0.0064713
10	0.265	0.2703	0.277	0.0046679	0.264	0.2692	0.277	0.0047796	-0.01	-0.0011	0.011	0.0063849
30	0.265	0.2703	0.277	0.0046679	0.264	0.2696	0.276	0.0045019	-0.009	-0.0007	0.01	0.0057552
50	0.265	0.2703	0.277	0.0046679	0.264	0.2688	0.274	0.0039101	-0.009	-0.0015	0.008	0.0055628
100	0.264	0.27213	0.277	0.0054625	0.263	0.26738	0.275	0.004502	-0.012	-0.00475	0.001	0.005092

Device Test: 5.59 tdly_Res619K_EN1_SU/EN1/1.6/3/619K/0/0/@DLY_TMR_500KOHM





Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

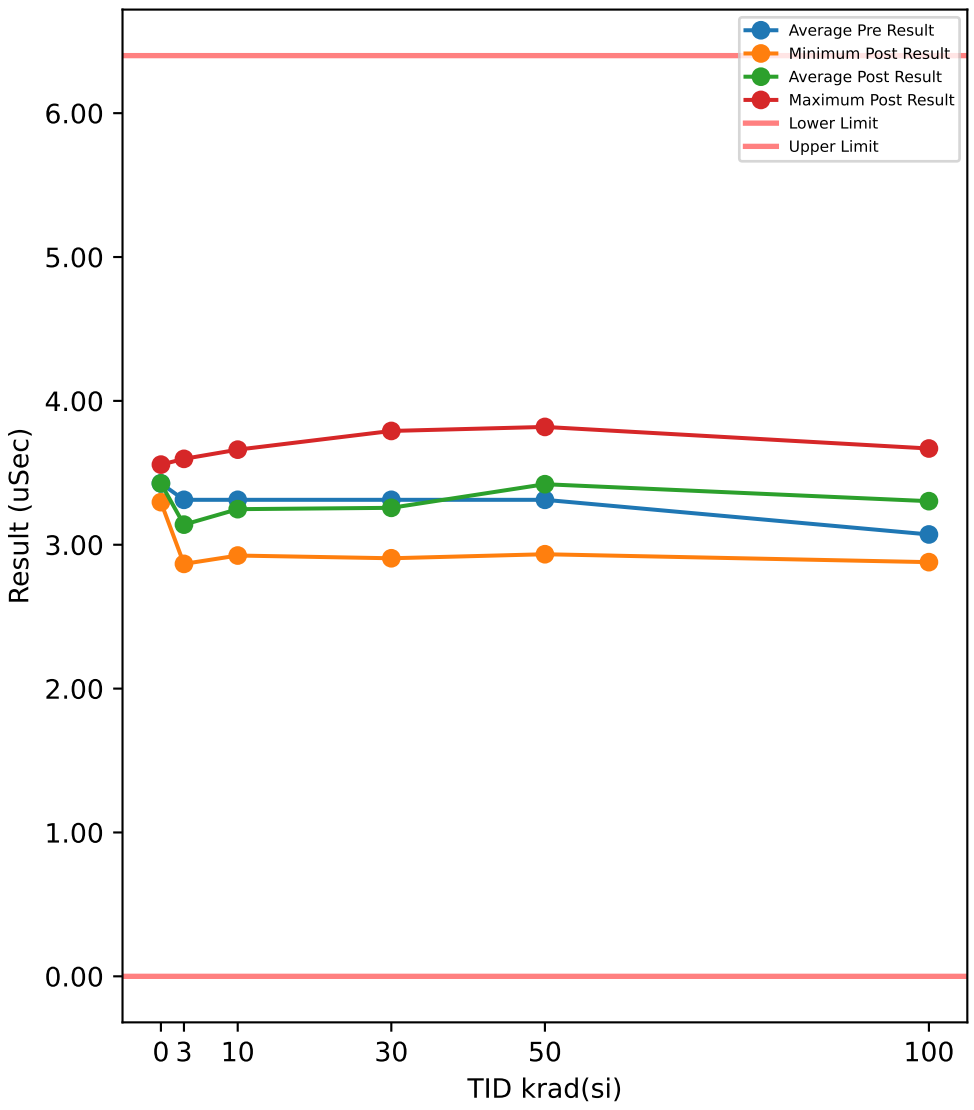
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.508	12.508	0
7	0	Correlation	12.253	12.253	0
16	3	LDR-Biased	12.777	12.235	-0.542
18	3	LDR-Biased	12.709	12.754	0.045
19	3	LDR-Biased	12.591	12.568	-0.023
20	3	LDR-Biased	12.513	12.346	-0.167
21	3	LDR-Biased	12.324	12.2	-0.124
22	3	LDR-Unbiased	12.227	12.686	0.459
23	3	LDR-Unbiased	12.755	12.661	-0.094
25	3	LDR-Unbiased	12.735	12.09	-0.645
26	3	LDR-Unbiased	12.457	12.43	-0.027
27	3	LDR-Unbiased	12.407	12.754	0.347
46	10	LDR-Biased	12.777	12.295	-0.482
48	10	LDR-Biased	12.709	12.794	0.085
49	10	LDR-Biased	12.591	12.565	-0.026
50	10	LDR-Biased	12.513	12.388	-0.125
51	10	LDR-Biased	12.324	12.385	0.061
52	10	LDR-Unbiased	12.227	12.523	0.296
53	10	LDR-Unbiased	12.755	12.69	-0.065
55	10	LDR-Unbiased	12.735	12.101	-0.634
56	10	LDR-Unbiased	12.457	12.49	0.033
57	10	LDR-Unbiased	12.407	12.606	0.199
76	30	LDR-Biased	12.777	12.404	-0.373
78	30	LDR-Biased	12.709	12.617	-0.092
79	30	LDR-Biased	12.591	12.372	-0.219
80	30	LDR-Biased	12.513	12.367	-0.146
81	30	LDR-Biased	12.324	12.309	-0.015
82	30	LDR-Unbiased	12.227	12.554	0.327
83	30	LDR-Unbiased	12.755	12.727	-0.028
84	30	LDR-Unbiased	12.407	12.806	0.399
85	30	LDR-Unbiased	12.735	12.085	-0.65
86	30	LDR-Unbiased	12.457	12.358	-0.099
87	100	LDR-Biased	12.307	12.461	0.154
88	100	LDR-Biased	12.8	12.626	-0.174
90	100	LDR-Biased	12.565	12.611	0.046
91	100	LDR-Unbiased	12.231	12.331	0.1
93	100	LDR-Unbiased	12.162	12.247	0.085
94	100	LDR-Unbiased	12.798	12.467	-0.331
95	100	LDR-Unbiased	12.742	12.339	-0.403
96	100	LDR-Unbiased	12.545	12.243	-0.302
106	50	LDR-Biased	12.777	12.395	-0.382
108	50	LDR-Biased	12.709	12.556	-0.153
109	50	LDR-Biased	12.591	12.505	-0.086
110	50	LDR-Biased	12.513	12.271	-0.242
111	50	LDR-Biased	12.324	12.313	-0.011
112	50	LDR-Unbiased	12.227	12.704	0.477
113	50	LDR-Unbiased	12.755	12.66	-0.095
115	50	LDR-Unbiased	12.735	12.189	-0.546
116	50	LDR-Unbiased	12.457	12.296	-0.161
117	50	LDR-Unbiased	12.407	12.788	0.381

Test Statistics (mSec)

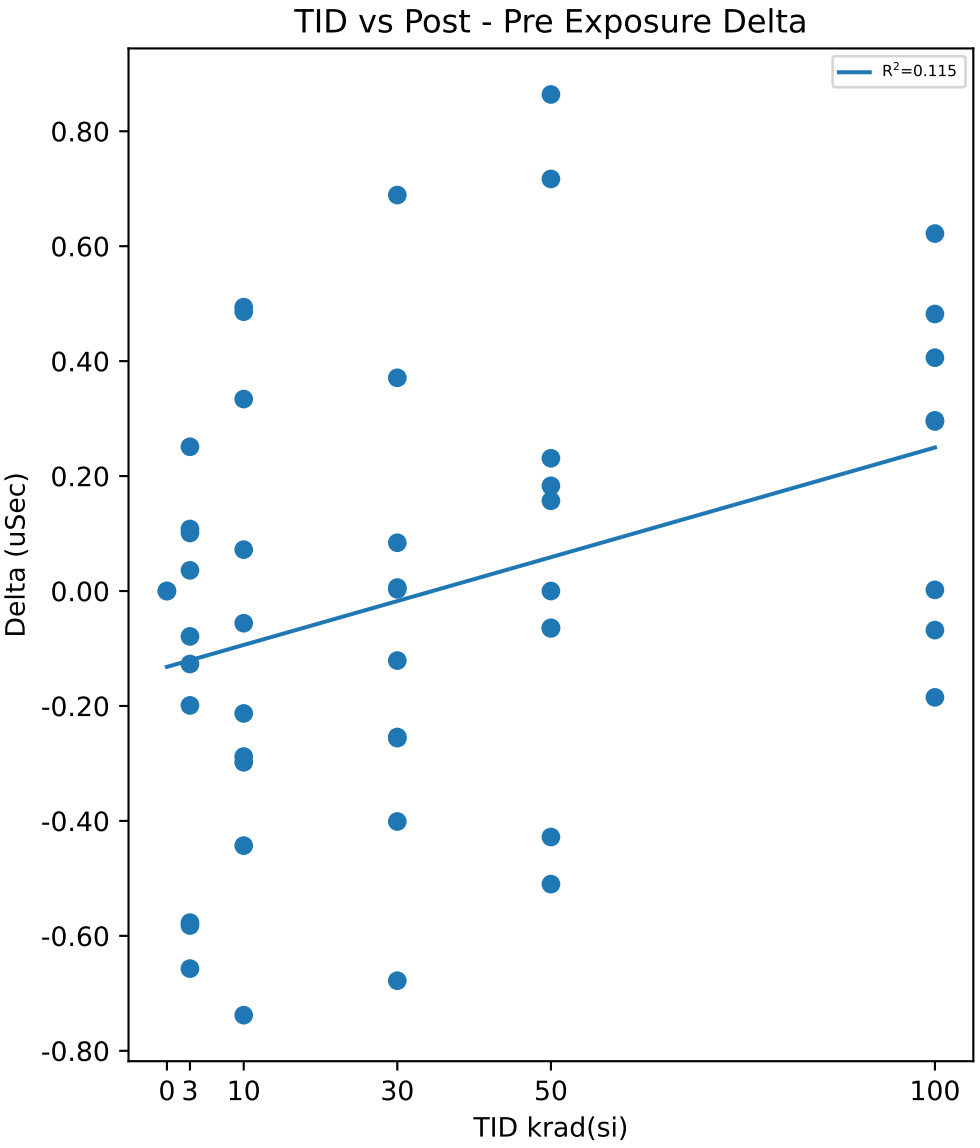
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.253	12.38	12.508	0.18031	12.253	12.38	12.508	0.18031	0	0	0	0
3	12.227	12.55	12.777	0.19454	12.09	12.472	12.754	0.24574	-0.645	-0.0771	0.459	0.33941
10	12.227	12.55	12.777	0.19454	12.101	12.484	12.794	0.20082	-0.634	-0.0658	0.296	0.28882
30	12.227	12.55	12.777	0.19454	12.085	12.46	12.806	0.21547	-0.65	-0.0896	0.399	0.30478
50	12.227	12.55	12.777	0.19454	12.189	12.468	12.788	0.20539	-0.546	-0.0818	0.477	0.31167
100	12.162	12.519	12.8	0.25764	12.243	12.416	12.626	0.15043	-0.403	-0.10313	0.154	0.22406

Device Test: 5.6 tpd_EN1_SD/EN1/1.6/3/0/0/0/@TPD_EN

TID vs Result Stats



TID vs Post - Pre Exposure Delta



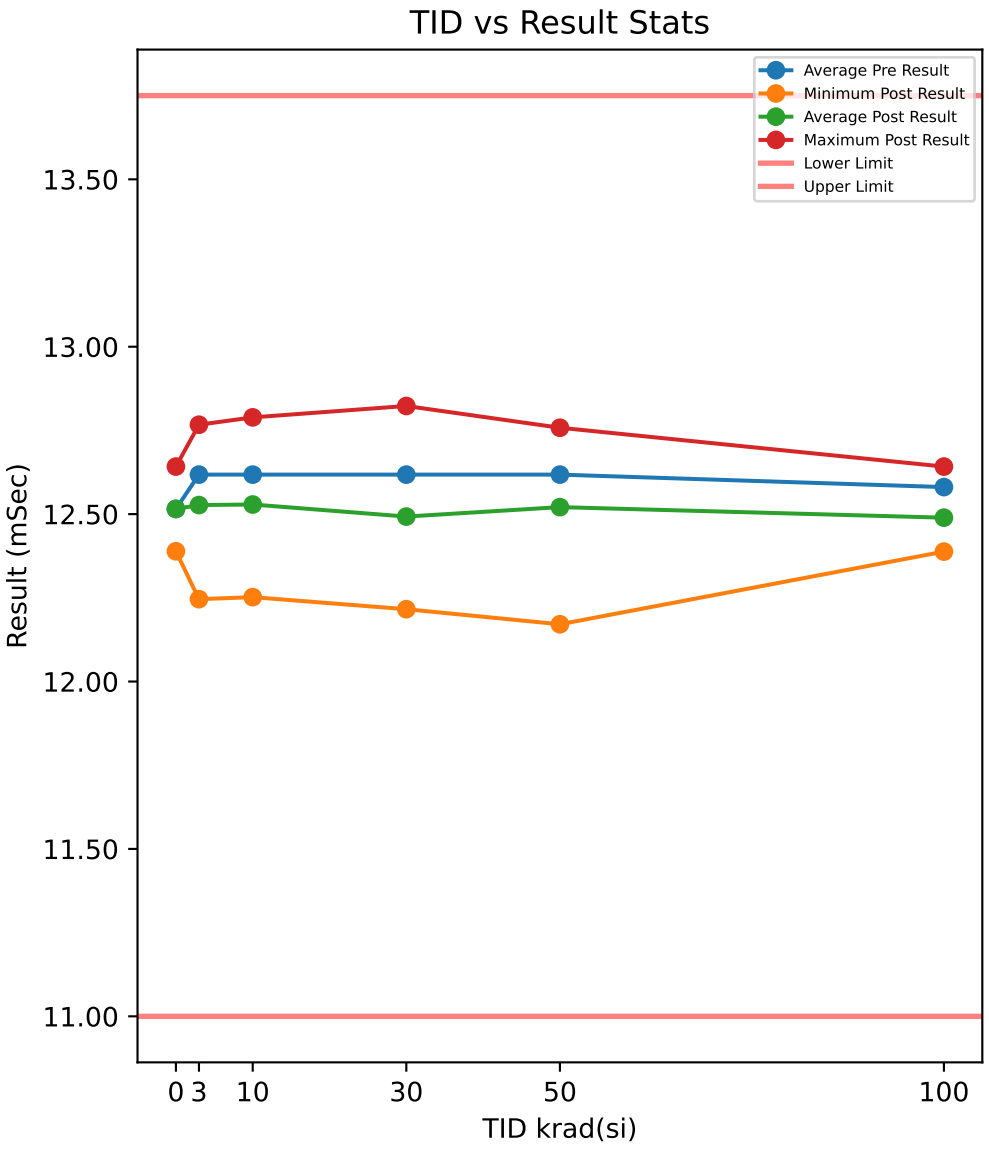
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

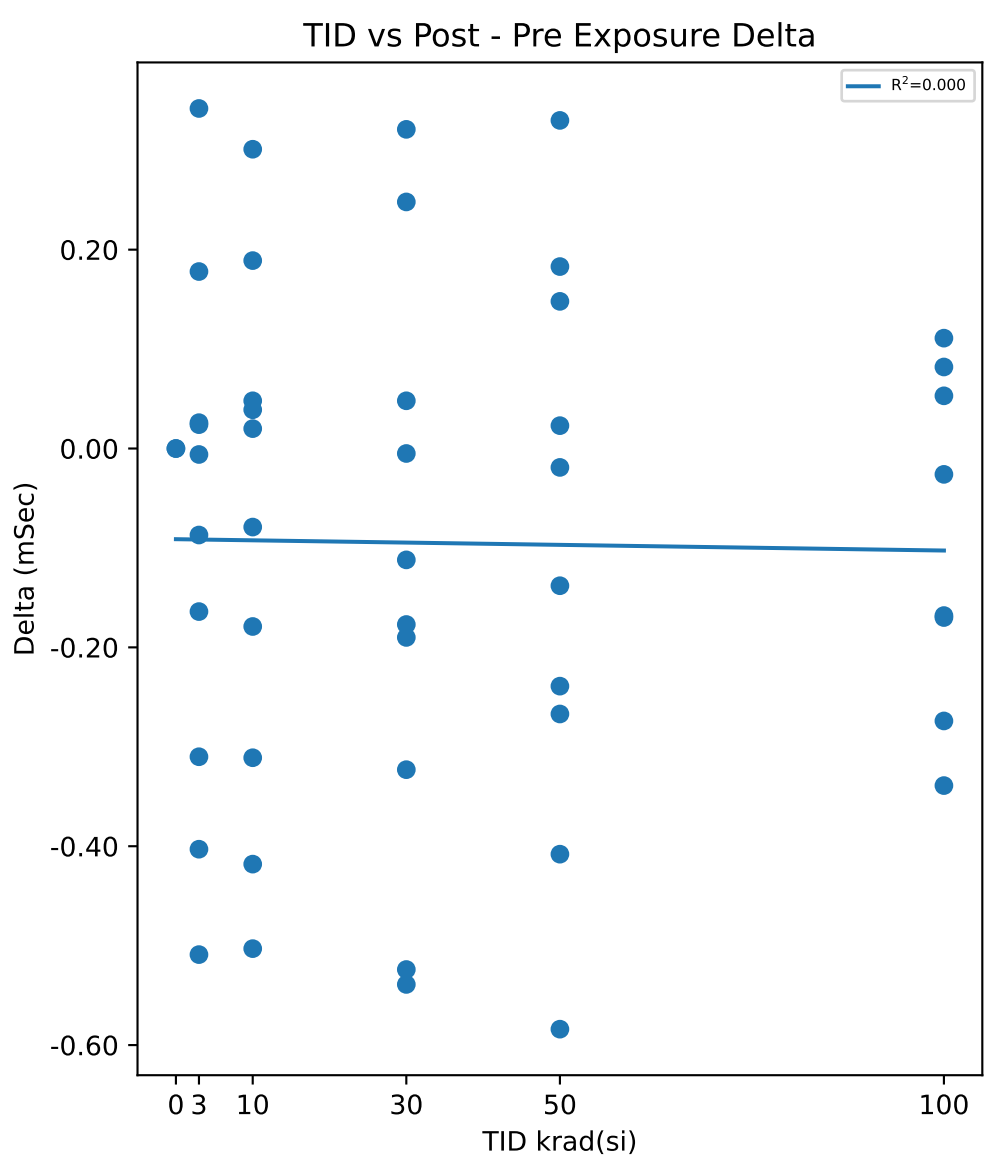
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.296	3.296	0
7	0	Correlation	3.557	3.557	0
16	3	LDR-Biased	3.584	3.002	-0.582
18	3	LDR-Biased	2.853	3.104	0.251
19	3	LDR-Biased	3.444	2.867	-0.577
20	3	LDR-Biased	3.328	3.436	0.108
21	3	LDR-Biased	3.303	3.224	-0.079
22	3	LDR-Unbiased	2.964	3.065	0.101
23	3	LDR-Unbiased	3.167	3.203	0.036
25	3	LDR-Unbiased	3.102	2.975	-0.127
26	3	LDR-Unbiased	3.582	2.925	-0.657
27	3	LDR-Unbiased	3.796	3.597	-0.199
46	10	LDR-Biased	3.584	3.371	-0.213
48	10	LDR-Biased	2.853	2.925	0.072
49	10	LDR-Biased	3.444	3.001	-0.443
50	10	LDR-Biased	3.328	3.04	-0.288
51	10	LDR-Biased	3.303	3.247	-0.056
52	10	LDR-Unbiased	2.964	3.298	0.334
53	10	LDR-Unbiased	3.167	3.661	0.494
55	10	LDR-Unbiased	3.102	3.588	0.486
56	10	LDR-Unbiased	3.582	3.284	-0.298
57	10	LDR-Unbiased	3.796	3.058	-0.738
76	30	LDR-Biased	3.584	2.906	-0.678
78	30	LDR-Biased	2.853	3.224	0.371
79	30	LDR-Biased	3.444	3.188	-0.256
80	30	LDR-Biased	3.328	3.331	0.003
81	30	LDR-Biased	3.303	3.182	-0.121
82	30	LDR-Unbiased	2.964	2.97	0.006
83	30	LDR-Unbiased	3.167	3.251	0.084
84	30	LDR-Unbiased	3.796	3.395	-0.401
85	30	LDR-Unbiased	3.102	3.791	0.689
86	30	LDR-Unbiased	3.582	3.328	-0.254
87	100	LDR-Biased	3.167	2.982	-0.185
88	100	LDR-Biased	3.195	3.197	0.002
90	100	LDR-Biased	3.202	3.497	0.295
91	100	LDR-Unbiased	2.963	3.445	0.482
93	100	LDR-Unbiased	2.944	3.566	0.622
94	100	LDR-Unbiased	2.891	3.188	0.297
95	100	LDR-Unbiased	3.263	3.669	0.406
96	100	LDR-Unbiased	2.947	2.879	-0.068
106	50	LDR-Biased	3.584	3.741	0.157
108	50	LDR-Biased	2.853	3.717	0.864
109	50	LDR-Biased	3.444	2.934	-0.51
110	50	LDR-Biased	3.328	3.328	0
111	50	LDR-Biased	3.303	3.486	0.183
112	50	LDR-Unbiased	2.964	3.195	0.231
113	50	LDR-Unbiased	3.167	3.103	-0.064
115	50	LDR-Unbiased	3.102	3.819	0.717
116	50	LDR-Unbiased	3.582	3.154	-0.428
117	50	LDR-Unbiased	3.796	3.731	-0.065

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.296	3.4265	3.557	0.18455	3.296	3.4265	3.557	0.18455	0	0	0	0
3	2.853	3.3123	3.796	0.29736	2.867	3.1398	3.597	0.23128	-0.657	-0.1725	0.251	0.32555
10	2.853	3.3123	3.796	0.29736	2.925	3.2473	3.661	0.24716	-0.738	-0.065	0.494	0.4104
30	2.853	3.3123	3.796	0.29736	2.906	3.2566	3.791	0.24308	-0.678	-0.0557	0.689	0.38782
50	2.853	3.3123	3.796	0.29736	2.934	3.4208	3.819	0.31938	-0.51	0.1085	0.864	0.43538
100	2.891	3.0715	3.263	0.14841	2.879	3.3029	3.669	0.28491	-0.185	0.23138	0.622	0.28532

Device Test: 5.60 tdly_Res619K_EN2_SU/EN2/1.6/3/619K/0/0/@DLY_TMR_500KOHM





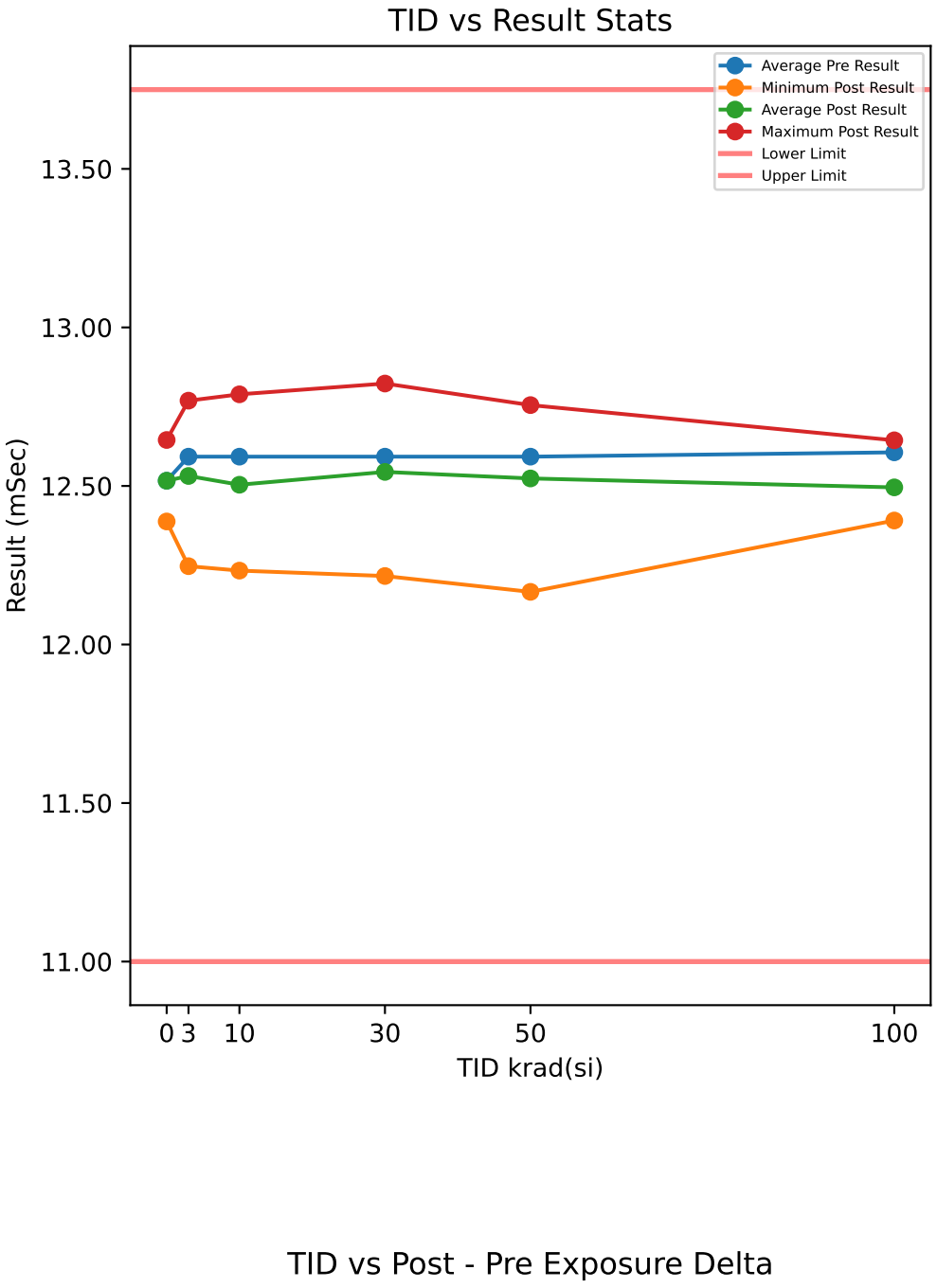
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

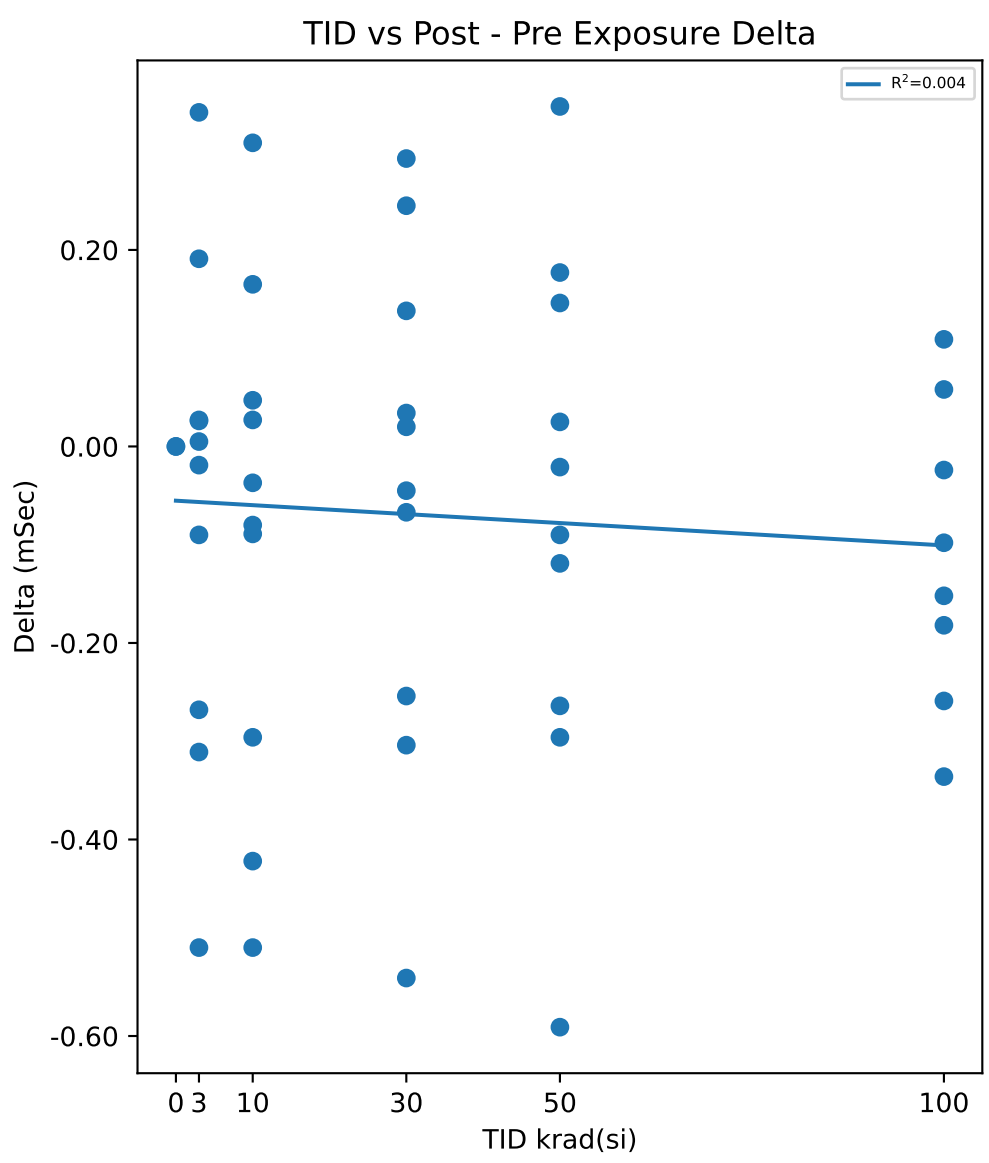
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.642	12.642	0
7	0	Correlation	12.389	12.389	0
16	3	LDR-Biased	12.789	12.386	-0.403
18	3	LDR-Biased	12.741	12.767	0.026
19	3	LDR-Biased	12.742	12.578	-0.164
20	3	LDR-Biased	12.664	12.354	-0.31
21	3	LDR-Biased	12.331	12.355	0.024
22	3	LDR-Unbiased	12.373	12.715	0.342
23	3	LDR-Unbiased	12.767	12.68	-0.087
25	3	LDR-Unbiased	12.755	12.246	-0.509
26	3	LDR-Unbiased	12.443	12.437	-0.006
27	3	LDR-Unbiased	12.575	12.753	0.178
46	10	LDR-Biased	12.789	12.371	-0.418
48	10	LDR-Biased	12.741	12.789	0.048
49	10	LDR-Biased	12.742	12.563	-0.179
50	10	LDR-Biased	12.664	12.353	-0.311
51	10	LDR-Biased	12.331	12.37	0.039
52	10	LDR-Unbiased	12.373	12.674	0.301
53	10	LDR-Unbiased	12.767	12.688	-0.079
55	10	LDR-Unbiased	12.755	12.252	-0.503
56	10	LDR-Unbiased	12.443	12.463	0.02
57	10	LDR-Unbiased	12.575	12.764	0.189
76	30	LDR-Biased	12.789	12.265	-0.524
78	30	LDR-Biased	12.741	12.629	-0.112
79	30	LDR-Biased	12.742	12.552	-0.19
80	30	LDR-Biased	12.664	12.341	-0.323
81	30	LDR-Biased	12.331	12.326	-0.005
82	30	LDR-Unbiased	12.373	12.694	0.321
83	30	LDR-Unbiased	12.767	12.59	-0.177
84	30	LDR-Unbiased	12.575	12.823	0.248
85	30	LDR-Unbiased	12.755	12.216	-0.539
86	30	LDR-Unbiased	12.443	12.491	0.048
87	100	LDR-Biased	12.474	12.448	-0.026
88	100	LDR-Biased	12.795	12.625	-0.17
90	100	LDR-Biased	12.56	12.642	0.082
91	100	LDR-Unbiased	12.373	12.484	0.111
93	100	LDR-Unbiased	12.336	12.389	0.053
94	100	LDR-Unbiased	12.792	12.453	-0.339
95	100	LDR-Unbiased	12.76	12.486	-0.274
96	100	LDR-Unbiased	12.556	12.388	-0.168
106	50	LDR-Biased	12.789	12.381	-0.408
108	50	LDR-Biased	12.741	12.722	-0.019
109	50	LDR-Biased	12.742	12.503	-0.239
110	50	LDR-Biased	12.664	12.397	-0.267
111	50	LDR-Biased	12.331	12.479	0.148
112	50	LDR-Unbiased	12.373	12.703	0.33
113	50	LDR-Unbiased	12.767	12.629	-0.138
115	50	LDR-Unbiased	12.755	12.171	-0.584
116	50	LDR-Unbiased	12.443	12.466	0.023
117	50	LDR-Unbiased	12.575	12.758	0.183

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.389	12.515	12.642	0.1789	12.389	12.515	12.642	0.1789	0	0	0	0
3	12.331	12.618	12.789	0.17566	12.246	12.527	12.767	0.19336	-0.509	-0.0909	0.342	0.26233
10	12.331	12.618	12.789	0.17566	12.252	12.529	12.789	0.19224	-0.503	-0.0893	0.301	0.2611
30	12.331	12.618	12.789	0.17566	12.216	12.493	12.823	0.20011	-0.539	-0.1253	0.321	0.29045
50	12.331	12.618	12.789	0.17566	12.171	12.521	12.758	0.18377	-0.584	-0.0971	0.33	0.28399
100	12.336	12.581	12.795	0.18445	12.388	12.489	12.642	0.096448	-0.339	-0.091375	0.111	0.17023

Device Test: 5.61 tdly_Res619K_EN3_SU/EN3/1.6/3/619K/0/0/@DLY_TMR_500KOHM





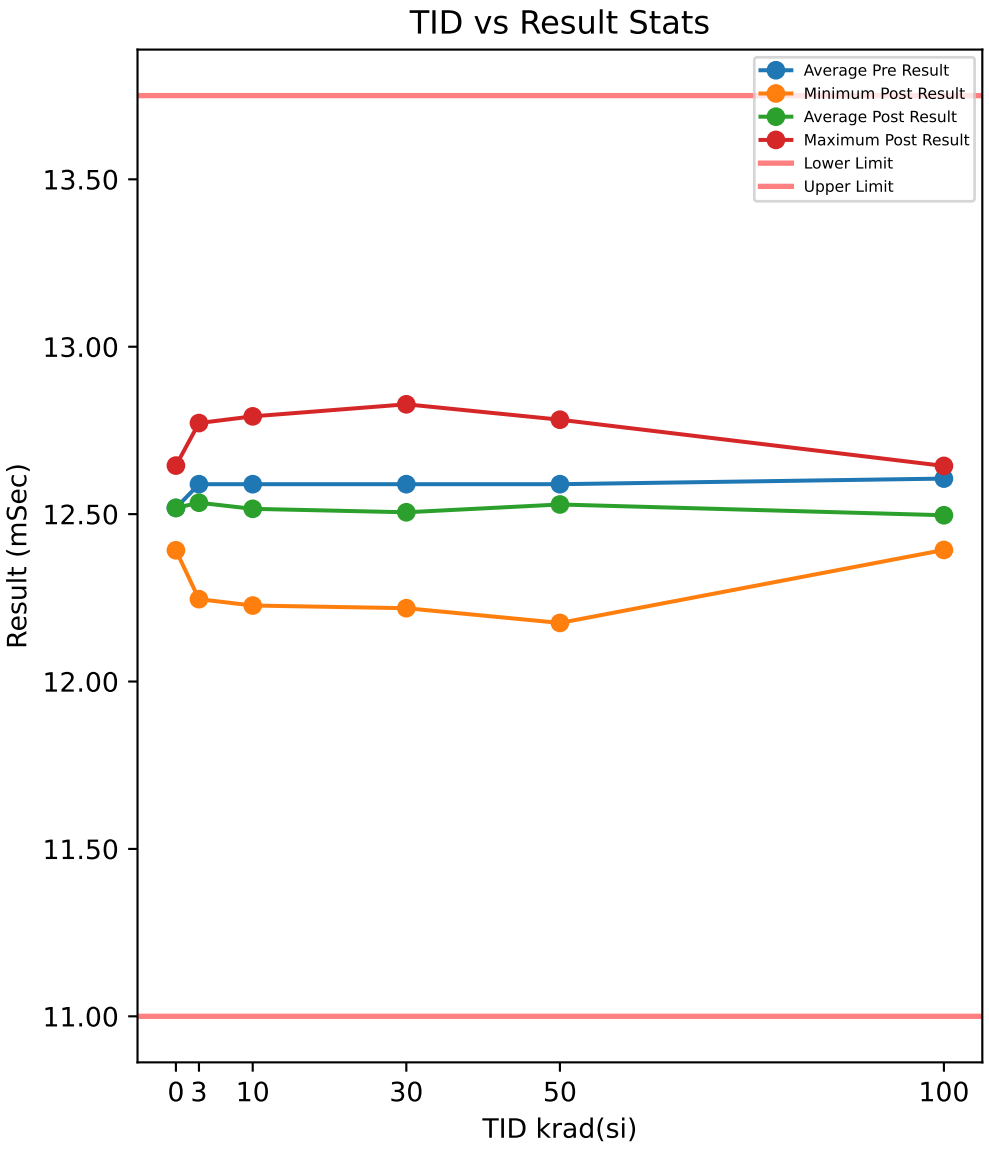
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

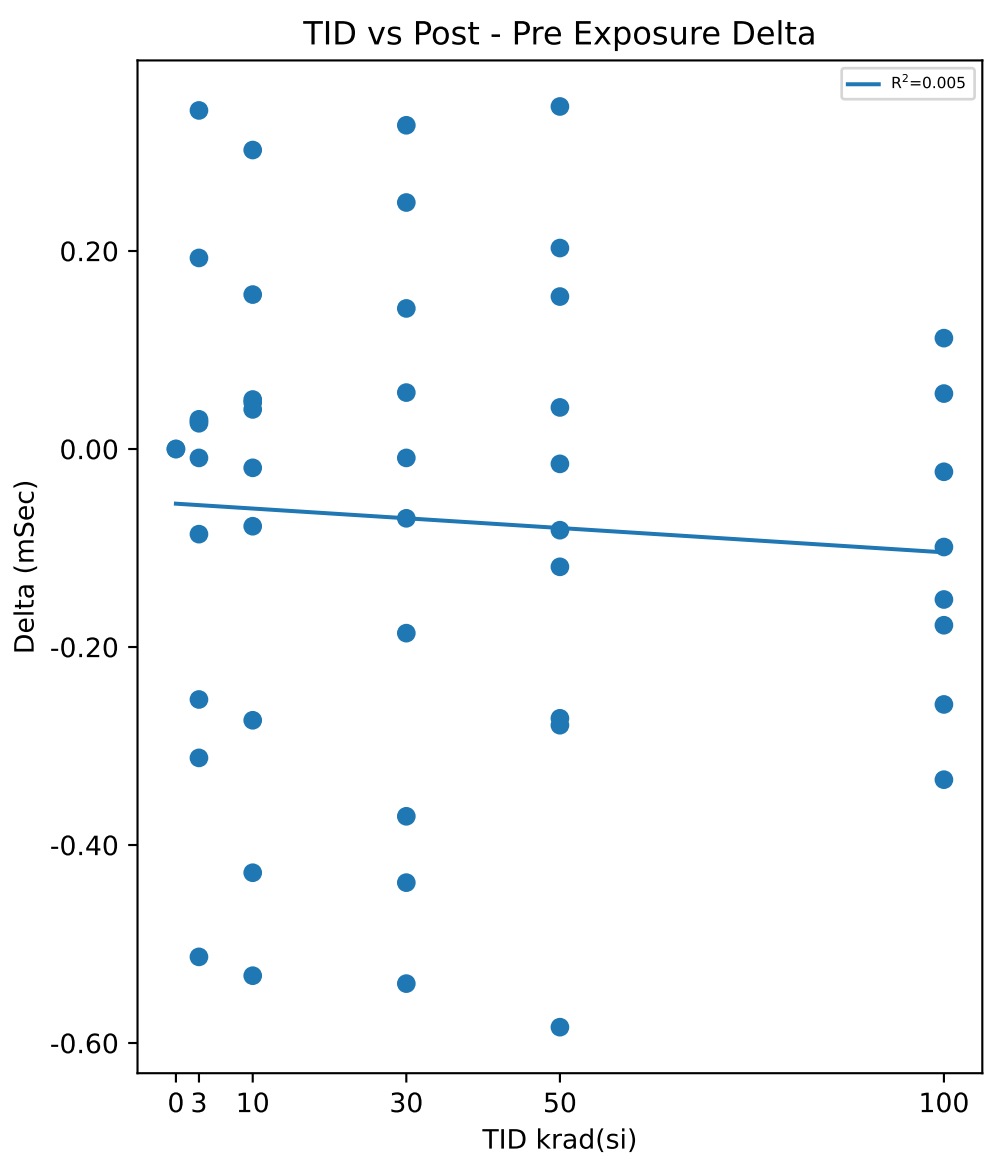
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.645	12.645	0
7	0	Correlation	12.388	12.388	0
16	3	LDR-Biased	12.655	12.387	-0.268
18	3	LDR-Biased	12.742	12.769	0.027
19	3	LDR-Biased	12.602	12.583	-0.019
20	3	LDR-Biased	12.67	12.359	-0.311
21	3	LDR-Biased	12.334	12.36	0.026
22	3	LDR-Unbiased	12.374	12.714	0.34
23	3	LDR-Unbiased	12.769	12.679	-0.09
25	3	LDR-Unbiased	12.757	12.247	-0.51
26	3	LDR-Unbiased	12.443	12.448	0.005
27	3	LDR-Unbiased	12.578	12.769	0.191
46	10	LDR-Biased	12.655	12.233	-0.422
48	10	LDR-Biased	12.742	12.789	0.047
49	10	LDR-Biased	12.602	12.565	-0.037
50	10	LDR-Biased	12.67	12.374	-0.296
51	10	LDR-Biased	12.334	12.245	-0.089
52	10	LDR-Unbiased	12.374	12.683	0.309
53	10	LDR-Unbiased	12.769	12.689	-0.08
55	10	LDR-Unbiased	12.757	12.247	-0.51
56	10	LDR-Unbiased	12.443	12.47	0.027
57	10	LDR-Unbiased	12.578	12.743	0.165
76	30	LDR-Biased	12.655	12.401	-0.254
78	30	LDR-Biased	12.742	12.762	0.02
79	30	LDR-Biased	12.602	12.535	-0.067
80	30	LDR-Biased	12.67	12.366	-0.304
81	30	LDR-Biased	12.334	12.472	0.138
82	30	LDR-Unbiased	12.374	12.667	0.293
83	30	LDR-Unbiased	12.769	12.724	-0.045
84	30	LDR-Unbiased	12.578	12.823	0.245
85	30	LDR-Unbiased	12.757	12.216	-0.541
86	30	LDR-Unbiased	12.443	12.477	0.034
87	100	LDR-Biased	12.474	12.45	-0.024
88	100	LDR-Biased	12.794	12.642	-0.152
90	100	LDR-Biased	12.742	12.644	-0.098
91	100	LDR-Unbiased	12.375	12.484	0.109
93	100	LDR-Unbiased	12.335	12.393	0.058
94	100	LDR-Unbiased	12.793	12.457	-0.336
95	100	LDR-Unbiased	12.762	12.503	-0.259
96	100	LDR-Unbiased	12.573	12.391	-0.182
106	50	LDR-Biased	12.655	12.391	-0.264
108	50	LDR-Biased	12.742	12.721	-0.021
109	50	LDR-Biased	12.602	12.512	-0.09
110	50	LDR-Biased	12.67	12.374	-0.296
111	50	LDR-Biased	12.334	12.48	0.146
112	50	LDR-Unbiased	12.374	12.72	0.346
113	50	LDR-Unbiased	12.769	12.65	-0.119
115	50	LDR-Unbiased	12.757	12.166	-0.591
116	50	LDR-Unbiased	12.443	12.468	0.025
117	50	LDR-Unbiased	12.578	12.755	0.177

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.388	12.517	12.645	0.18173	12.388	12.517	12.645	0.18173	0	0	0	0
3	12.334	12.592	12.769	0.15906	12.247	12.531	12.769	0.19393	-0.51	-0.0609	0.34	0.248
10	12.334	12.592	12.769	0.15906	12.233	12.504	12.789	0.21933	-0.51	-0.0886	0.309	0.25574
30	12.334	12.592	12.769	0.15906	12.216	12.544	12.823	0.19504	-0.541	-0.0481	0.293	0.25808
50	12.334	12.592	12.769	0.15906	12.166	12.524	12.755	0.18857	-0.591	-0.0687	0.346	0.26979
100	12.335	12.606	12.794	0.19215	12.391	12.495	12.644	0.099054	-0.336	-0.1105	0.109	0.15304

Device Test: 5.62 tdly_Res619K_EN4_SU/EN4/1.6/3/619K/0/0/@DLY_TMR_500KOHM





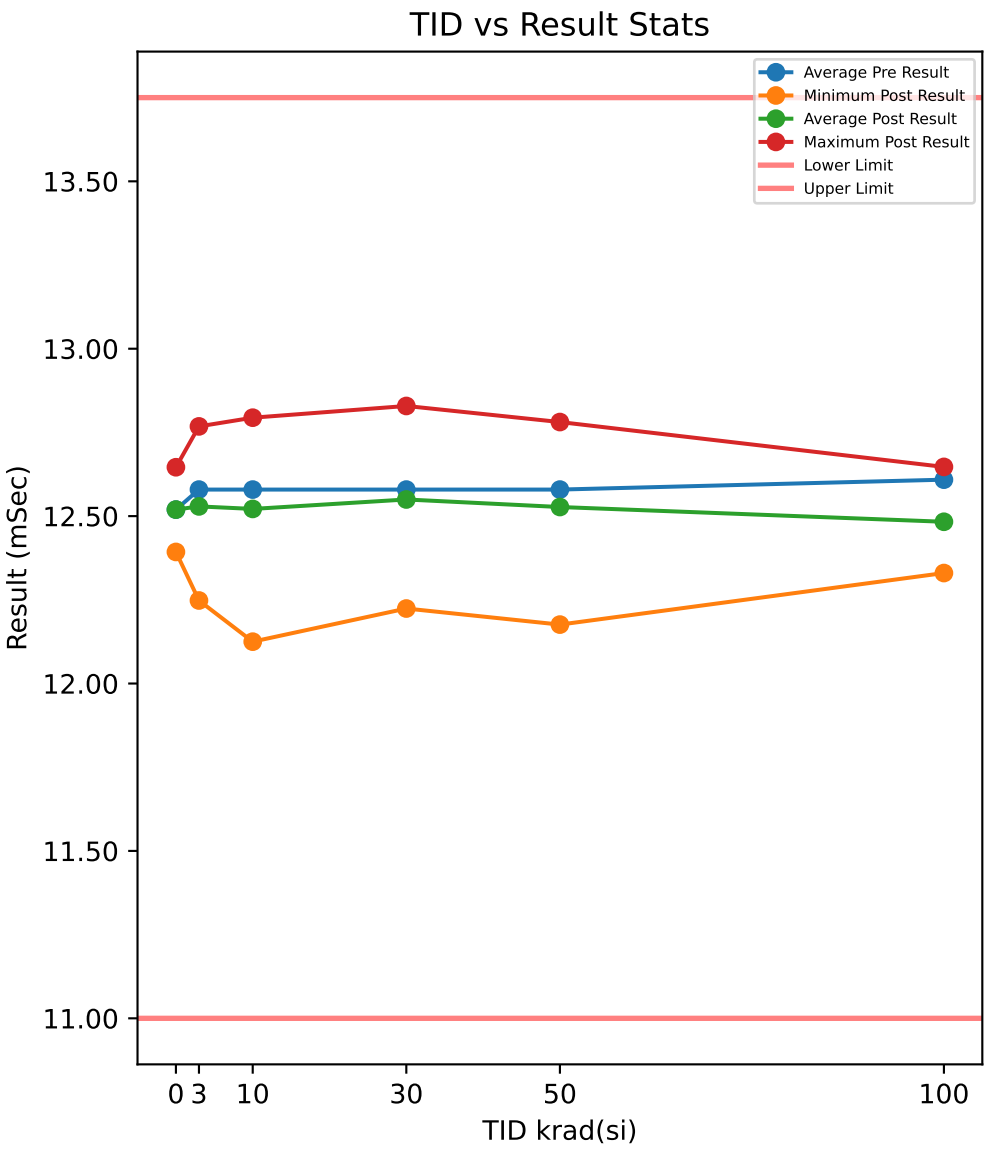
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

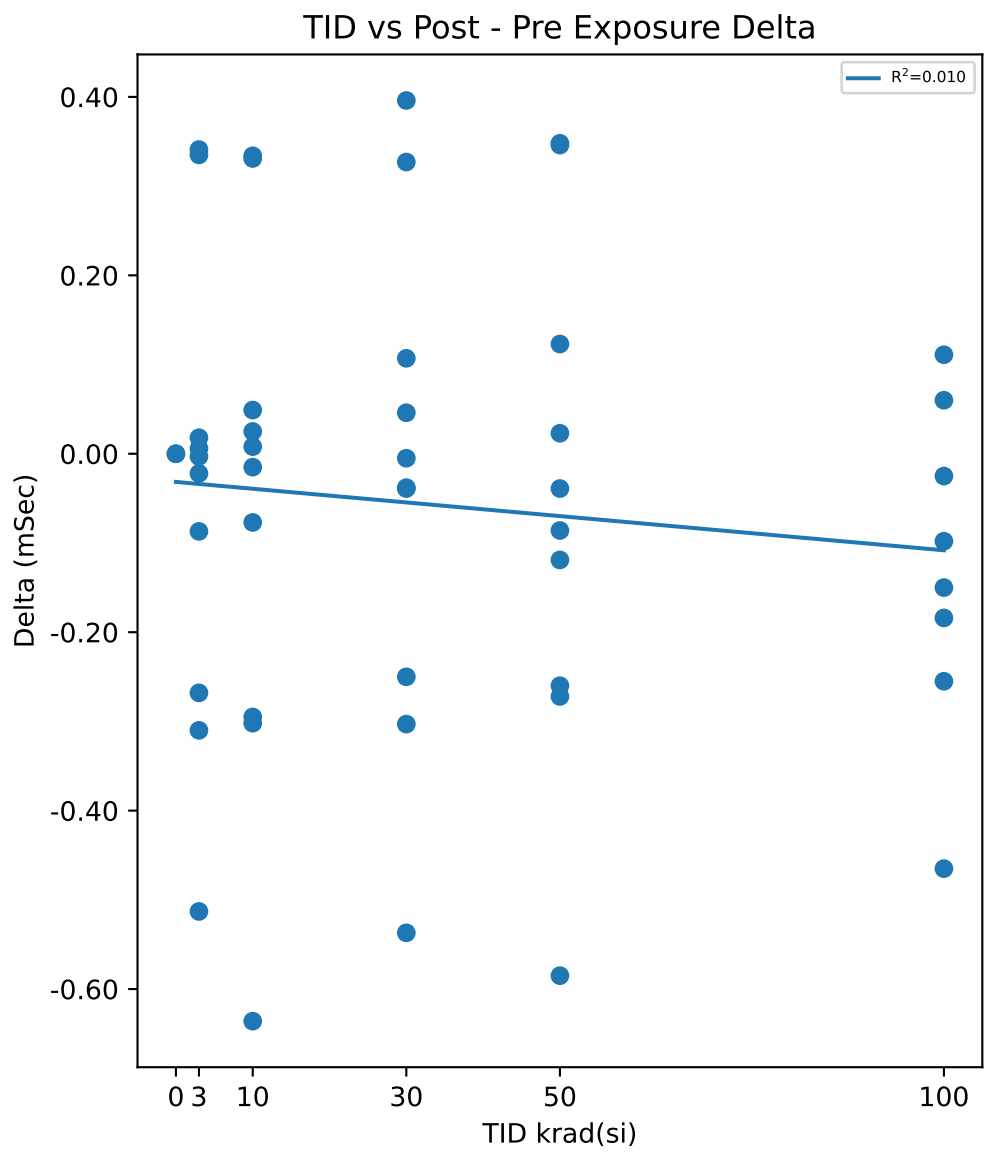
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.645	12.645	0
7	0	Correlation	12.392	12.392	0
16	3	LDR-Biased	12.642	12.389	-0.253
18	3	LDR-Biased	12.745	12.771	0.026
19	3	LDR-Biased	12.593	12.584	-0.009
20	3	LDR-Biased	12.673	12.361	-0.312
21	3	LDR-Biased	12.333	12.361	0.028
22	3	LDR-Unbiased	12.376	12.718	0.342
23	3	LDR-Unbiased	12.77	12.684	-0.086
25	3	LDR-Unbiased	12.759	12.246	-0.513
26	3	LDR-Unbiased	12.424	12.454	0.03
27	3	LDR-Unbiased	12.579	12.772	0.193
46	10	LDR-Biased	12.642	12.368	-0.274
48	10	LDR-Biased	12.745	12.792	0.047
49	10	LDR-Biased	12.593	12.574	-0.019
50	10	LDR-Biased	12.673	12.245	-0.428
51	10	LDR-Biased	12.333	12.373	0.04
52	10	LDR-Unbiased	12.376	12.678	0.302
53	10	LDR-Unbiased	12.77	12.692	-0.078
55	10	LDR-Unbiased	12.759	12.227	-0.532
56	10	LDR-Unbiased	12.424	12.474	0.05
57	10	LDR-Unbiased	12.579	12.735	0.156
76	30	LDR-Biased	12.642	12.271	-0.371
78	30	LDR-Biased	12.745	12.736	-0.009
79	30	LDR-Biased	12.593	12.523	-0.07
80	30	LDR-Biased	12.673	12.235	-0.438
81	30	LDR-Biased	12.333	12.475	0.142
82	30	LDR-Unbiased	12.376	12.703	0.327
83	30	LDR-Unbiased	12.77	12.584	-0.186
84	30	LDR-Unbiased	12.579	12.828	0.249
85	30	LDR-Unbiased	12.759	12.219	-0.54
86	30	LDR-Unbiased	12.424	12.481	0.057
87	100	LDR-Biased	12.475	12.452	-0.023
88	100	LDR-Biased	12.788	12.636	-0.152
90	100	LDR-Biased	12.743	12.644	-0.099
91	100	LDR-Unbiased	12.376	12.488	0.112
93	100	LDR-Unbiased	12.338	12.394	0.056
94	100	LDR-Unbiased	12.794	12.46	-0.334
95	100	LDR-Unbiased	12.764	12.506	-0.258
96	100	LDR-Unbiased	12.571	12.393	-0.178
106	50	LDR-Biased	12.642	12.363	-0.279
108	50	LDR-Biased	12.745	12.73	-0.015
109	50	LDR-Biased	12.593	12.511	-0.082
110	50	LDR-Biased	12.673	12.401	-0.272
111	50	LDR-Biased	12.333	12.487	0.154
112	50	LDR-Unbiased	12.376	12.722	0.346
113	50	LDR-Unbiased	12.77	12.651	-0.119
115	50	LDR-Unbiased	12.759	12.175	-0.584
116	50	LDR-Unbiased	12.424	12.466	0.042
117	50	LDR-Unbiased	12.579	12.782	0.203

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.392	12.518	12.645	0.1789	12.392	12.518	12.645	0.1789	0	0	0	0
3	12.333	12.589	12.77	0.16128	12.246	12.534	12.772	0.19491	-0.513	-0.0554	0.342	0.24897
10	12.333	12.589	12.77	0.16128	12.227	12.516	12.792	0.20704	-0.532	-0.0736	0.302	0.26149
30	12.333	12.589	12.77	0.16128	12.219	12.505	12.828	0.21458	-0.54	-0.0839	0.327	0.29488
50	12.333	12.589	12.77	0.16128	12.175	12.529	12.782	0.19202	-0.584	-0.0606	0.346	0.27155
100	12.338	12.606	12.794	0.19098	12.393	12.497	12.644	0.097035	-0.334	-0.1095	0.112	0.15259

Device Test: 5.63 tdly_Res619K_SEQ_SU/SEQ_DONE/1.6/3/619K/0/0/@DLY_TMR_500KOHM





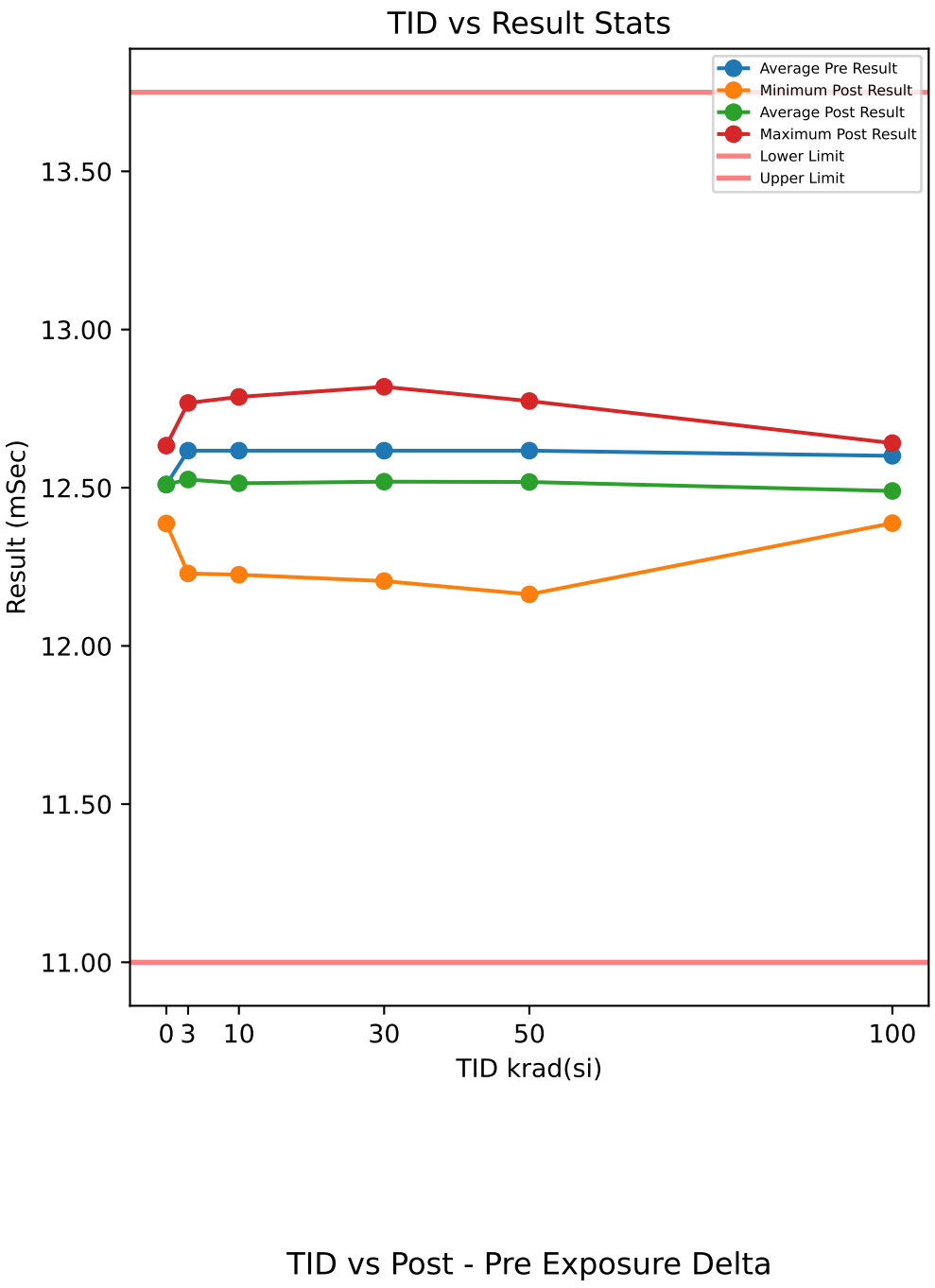
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

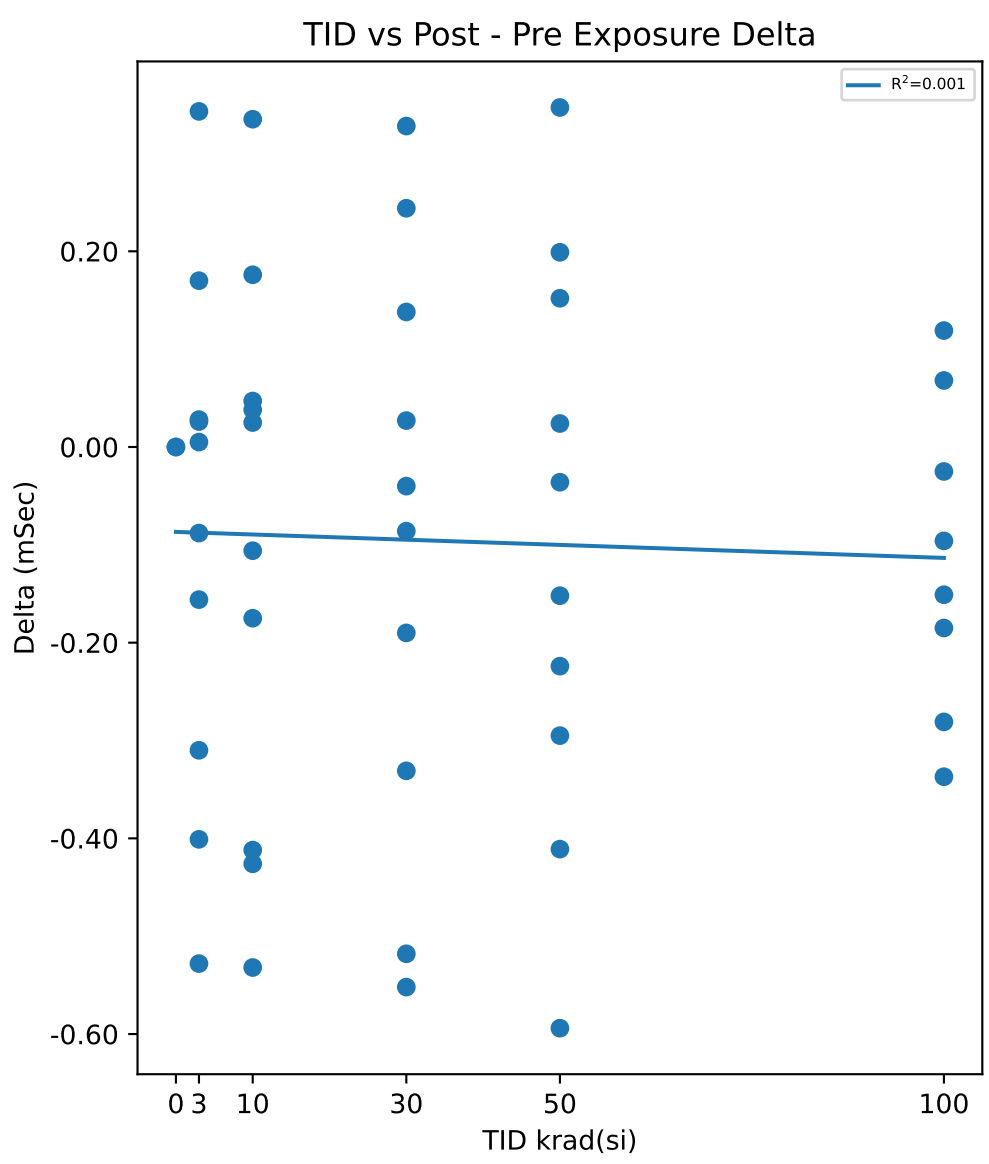
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.646	12.646	0
7	0	Correlation	12.393	12.393	0
16	3	LDR-Biased	12.655	12.387	-0.268
18	3	LDR-Biased	12.745	12.763	0.018
19	3	LDR-Biased	12.594	12.572	-0.022
20	3	LDR-Biased	12.673	12.363	-0.31
21	3	LDR-Biased	12.336	12.333	-0.003
22	3	LDR-Unbiased	12.378	12.719	0.341
23	3	LDR-Unbiased	12.771	12.684	-0.087
25	3	LDR-Unbiased	12.761	12.248	-0.513
26	3	LDR-Unbiased	12.447	12.453	0.006
27	3	LDR-Unbiased	12.433	12.768	0.335
46	10	LDR-Biased	12.655	12.353	-0.302
48	10	LDR-Biased	12.745	12.794	0.049
49	10	LDR-Biased	12.594	12.579	-0.015
50	10	LDR-Biased	12.673	12.378	-0.295
51	10	LDR-Biased	12.336	12.361	0.025
52	10	LDR-Unbiased	12.378	12.709	0.331
53	10	LDR-Unbiased	12.771	12.694	-0.077
55	10	LDR-Unbiased	12.761	12.125	-0.636
56	10	LDR-Unbiased	12.447	12.455	0.008
57	10	LDR-Unbiased	12.433	12.767	0.334
76	30	LDR-Biased	12.655	12.405	-0.25
78	30	LDR-Biased	12.745	12.74	-0.005
79	30	LDR-Biased	12.594	12.556	-0.038
80	30	LDR-Biased	12.673	12.37	-0.303
81	30	LDR-Biased	12.336	12.443	0.107
82	30	LDR-Unbiased	12.378	12.705	0.327
83	30	LDR-Unbiased	12.771	12.732	-0.039
84	30	LDR-Unbiased	12.433	12.829	0.396
85	30	LDR-Unbiased	12.761	12.224	-0.537
86	30	LDR-Unbiased	12.447	12.493	0.046
87	100	LDR-Biased	12.477	12.452	-0.025
88	100	LDR-Biased	12.797	12.647	-0.15
90	100	LDR-Biased	12.744	12.646	-0.098
91	100	LDR-Unbiased	12.378	12.489	0.111
93	100	LDR-Unbiased	12.338	12.398	0.06
94	100	LDR-Unbiased	12.795	12.33	-0.465
95	100	LDR-Unbiased	12.764	12.509	-0.255
96	100	LDR-Unbiased	12.578	12.394	-0.184
106	50	LDR-Biased	12.655	12.395	-0.26
108	50	LDR-Biased	12.745	12.706	-0.039
109	50	LDR-Biased	12.594	12.508	-0.086
110	50	LDR-Biased	12.673	12.401	-0.272
111	50	LDR-Biased	12.336	12.459	0.123
112	50	LDR-Unbiased	12.378	12.724	0.346
113	50	LDR-Unbiased	12.771	12.652	-0.119
115	50	LDR-Unbiased	12.761	12.176	-0.585
116	50	LDR-Unbiased	12.447	12.47	0.023
117	50	LDR-Unbiased	12.433	12.781	0.348

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.393	12.52	12.646	0.1789	12.393	12.52	12.646	0.1789	0	0	0	0
3	12.336	12.579	12.771	0.16686	12.248	12.529	12.768	0.19571	-0.513	-0.0503	0.341	0.26723
10	12.336	12.579	12.771	0.16686	12.125	12.521	12.794	0.22089	-0.636	-0.0578	0.334	0.29433
30	12.336	12.579	12.771	0.16686	12.224	12.55	12.829	0.19594	-0.537	-0.0296	0.396	0.2817
50	12.336	12.579	12.771	0.16686	12.176	12.527	12.781	0.1873	-0.585	-0.0521	0.348	0.28601
100	12.338	12.609	12.797	0.19175	12.33	12.483	12.647	0.11569	-0.465	-0.12575	0.111	0.1841

Device Test: 5.64 tdly_Res619K_PWRGD_SU/PWRGD/1.6/3/619K/0/0/@DLY_TMR_500KOHM





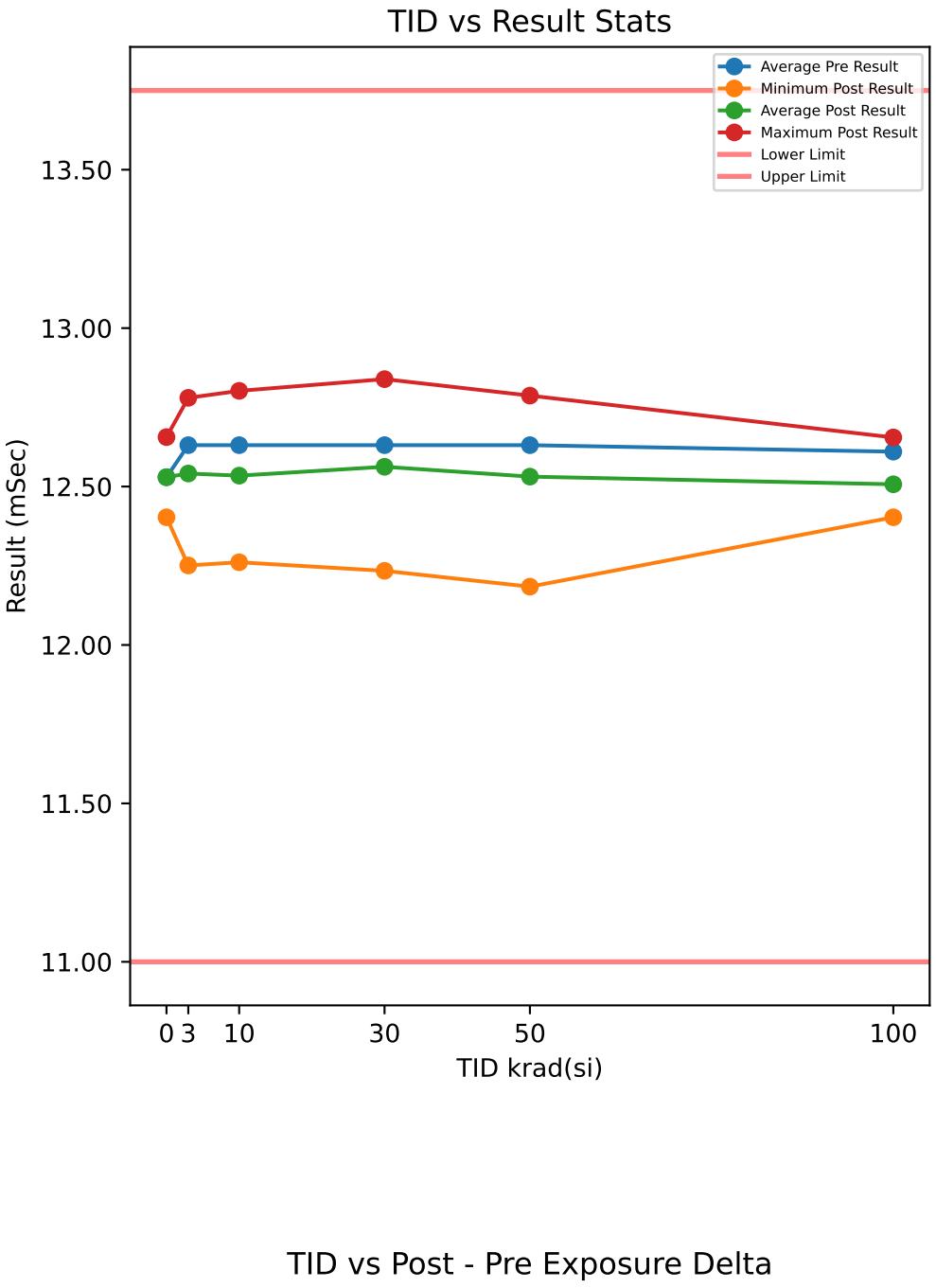
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

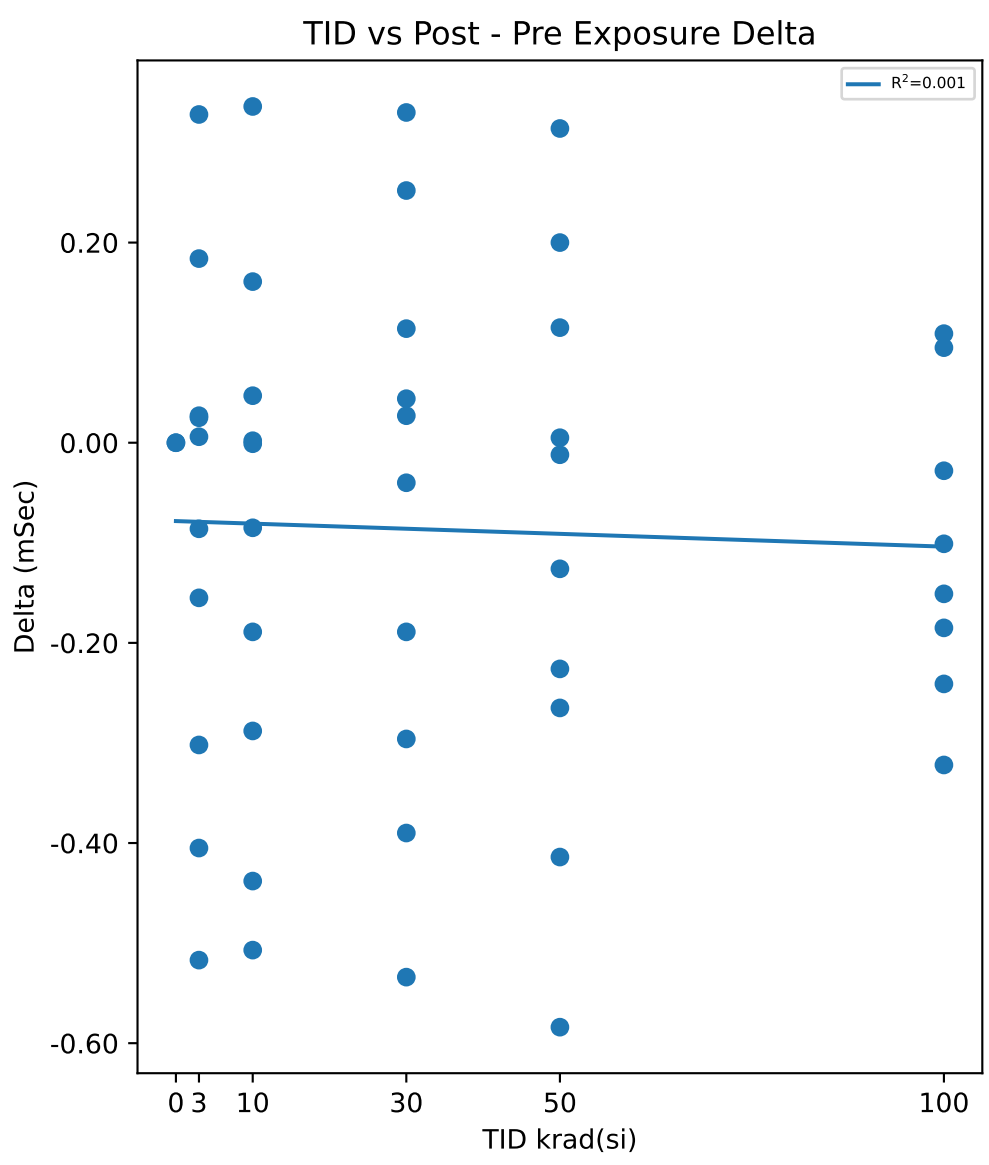
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.633	12.633	0
7	0	Correlation	12.387	12.387	0
16	3	LDR-Biased	12.785	12.384	-0.401
18	3	LDR-Biased	12.74	12.768	0.028
19	3	LDR-Biased	12.734	12.578	-0.156
20	3	LDR-Biased	12.669	12.359	-0.31
21	3	LDR-Biased	12.331	12.357	0.026
22	3	LDR-Unbiased	12.371	12.714	0.343
23	3	LDR-Unbiased	12.767	12.679	-0.088
25	3	LDR-Unbiased	12.757	12.229	-0.528
26	3	LDR-Unbiased	12.442	12.447	0.005
27	3	LDR-Unbiased	12.575	12.745	0.17
46	10	LDR-Biased	12.785	12.373	-0.412
48	10	LDR-Biased	12.74	12.787	0.047
49	10	LDR-Biased	12.734	12.559	-0.175
50	10	LDR-Biased	12.669	12.243	-0.426
51	10	LDR-Biased	12.331	12.369	0.038
52	10	LDR-Unbiased	12.371	12.706	0.335
53	10	LDR-Unbiased	12.767	12.661	-0.106
55	10	LDR-Unbiased	12.757	12.225	-0.532
56	10	LDR-Unbiased	12.442	12.467	0.025
57	10	LDR-Unbiased	12.575	12.751	0.176
76	30	LDR-Biased	12.785	12.267	-0.518
78	30	LDR-Biased	12.74	12.767	0.027
79	30	LDR-Biased	12.734	12.544	-0.19
80	30	LDR-Biased	12.669	12.338	-0.331
81	30	LDR-Biased	12.331	12.469	0.138
82	30	LDR-Unbiased	12.371	12.699	0.328
83	30	LDR-Unbiased	12.767	12.727	-0.04
84	30	LDR-Unbiased	12.575	12.819	0.244
85	30	LDR-Unbiased	12.757	12.205	-0.552
86	30	LDR-Unbiased	12.442	12.356	-0.086
87	100	LDR-Biased	12.473	12.448	-0.025
88	100	LDR-Biased	12.791	12.64	-0.151
90	100	LDR-Biased	12.737	12.641	-0.096
91	100	LDR-Unbiased	12.363	12.482	0.119
93	100	LDR-Unbiased	12.321	12.389	0.068
94	100	LDR-Unbiased	12.791	12.454	-0.337
95	100	LDR-Unbiased	12.757	12.476	-0.281
96	100	LDR-Unbiased	12.573	12.388	-0.185
106	50	LDR-Biased	12.785	12.374	-0.411
108	50	LDR-Biased	12.74	12.704	-0.036
109	50	LDR-Biased	12.734	12.51	-0.224
110	50	LDR-Biased	12.669	12.374	-0.295
111	50	LDR-Biased	12.331	12.483	0.152
112	50	LDR-Unbiased	12.371	12.718	0.347
113	50	LDR-Unbiased	12.767	12.615	-0.152
115	50	LDR-Unbiased	12.757	12.163	-0.594
116	50	LDR-Unbiased	12.442	12.466	0.024
117	50	LDR-Unbiased	12.575	12.774	0.199

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.387	12.51	12.633	0.17395	12.387	12.51	12.633	0.17395	0	0	0	0
3	12.331	12.617	12.785	0.17529	12.229	12.526	12.768	0.19409	-0.528	-0.0911	0.343	0.26516
10	12.331	12.617	12.785	0.17529	12.225	12.514	12.787	0.20851	-0.532	-0.103	0.335	0.28235
30	12.331	12.617	12.785	0.17529	12.205	12.519	12.819	0.22403	-0.552	-0.098	0.328	0.30158
50	12.331	12.617	12.785	0.17529	12.163	12.518	12.774	0.18887	-0.594	-0.099	0.347	0.29232
100	12.321	12.601	12.791	0.19539	12.388	12.49	12.641	0.099445	-0.337	-0.111	0.119	0.16018

Device Test: 5.65 tdly_Res619K_EN1_SD/EN1/1.6/3/619K/0/0/@DLY_TMR_500KOHM





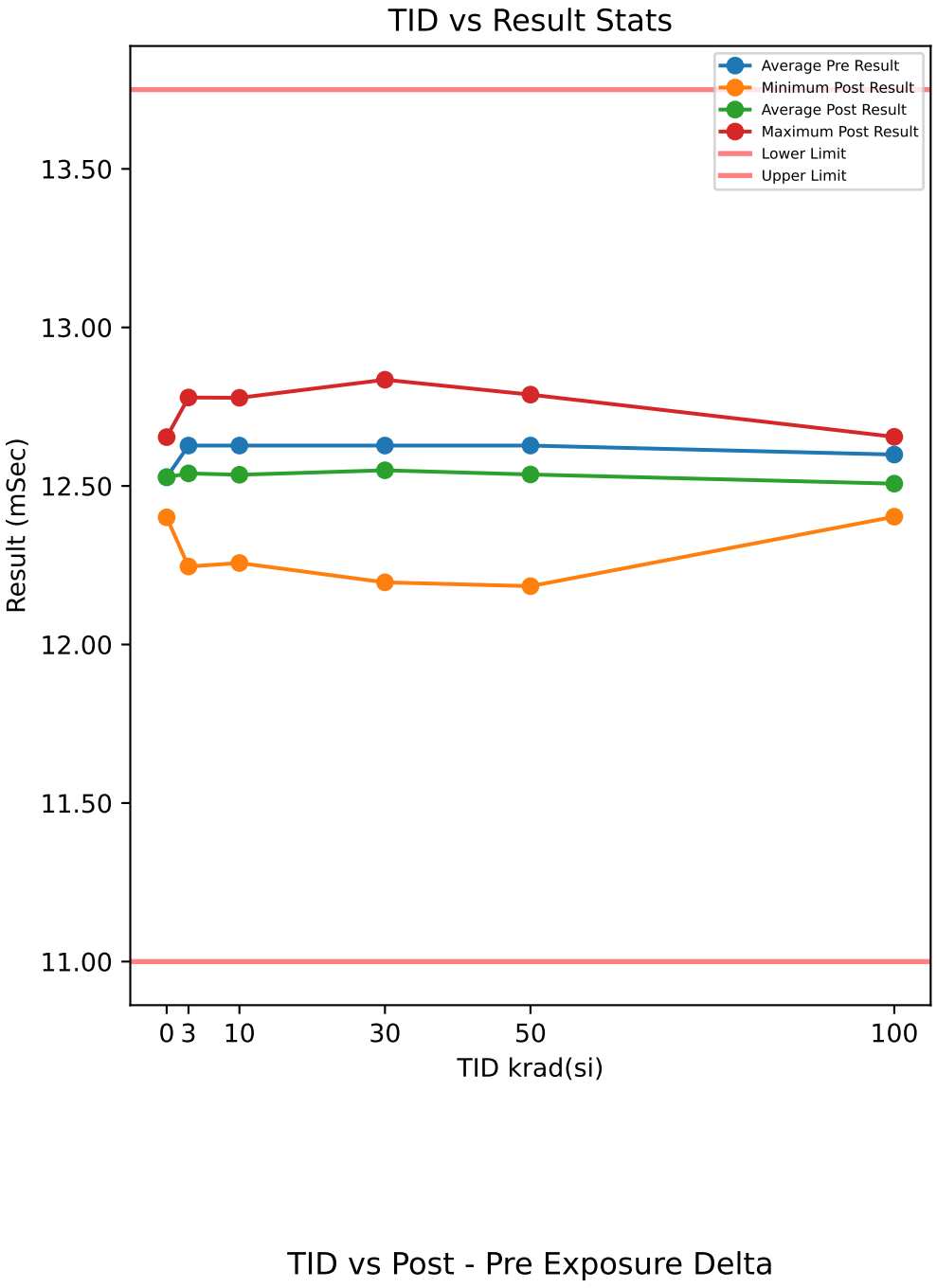
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

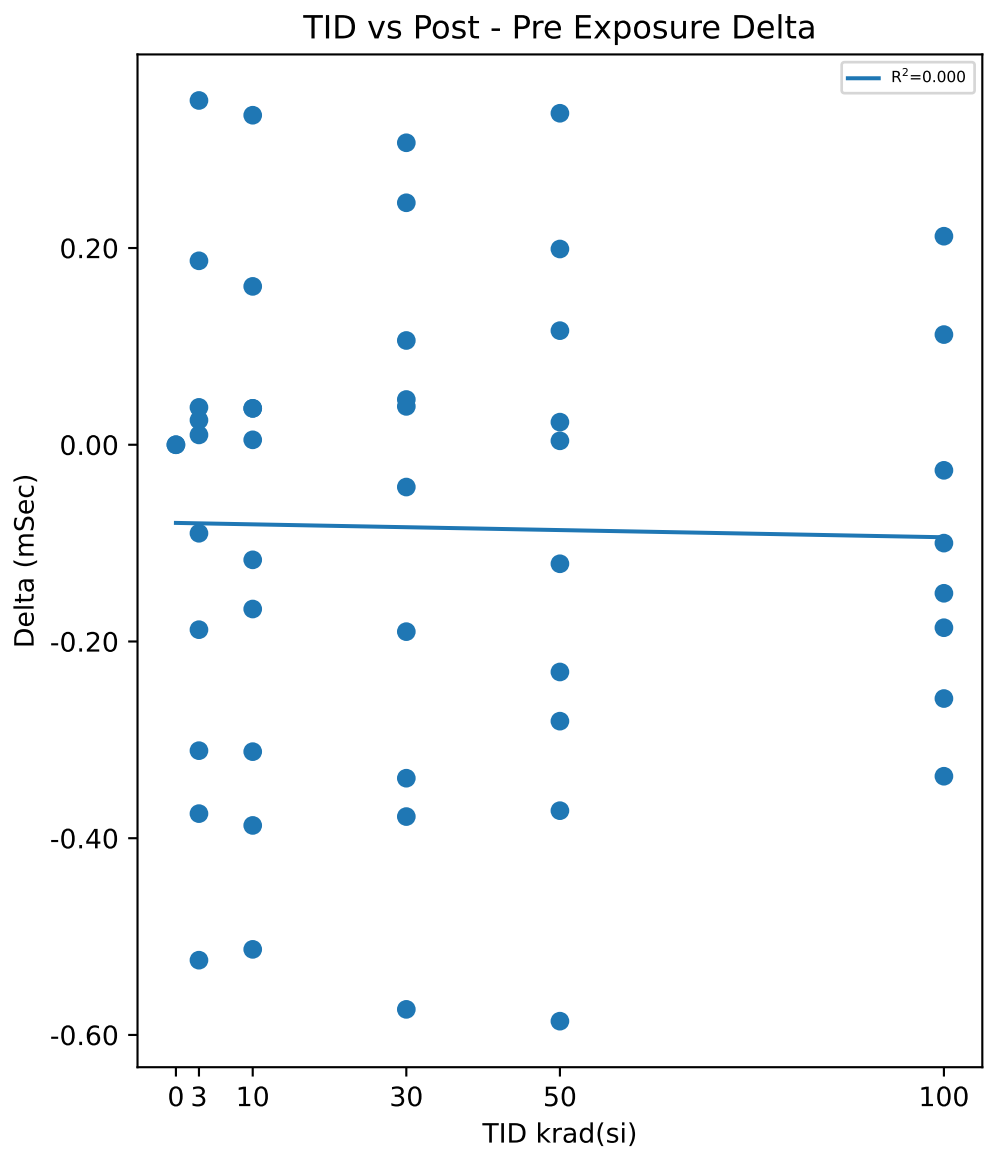
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.656	12.656	0
7	0	Correlation	12.403	12.403	0
16	3	LDR-Biased	12.803	12.398	-0.405
18	3	LDR-Biased	12.755	12.78	0.025
19	3	LDR-Biased	12.75	12.595	-0.155
20	3	LDR-Biased	12.676	12.374	-0.302
21	3	LDR-Biased	12.345	12.372	0.027
22	3	LDR-Unbiased	12.383	12.711	0.328
23	3	LDR-Unbiased	12.78	12.694	-0.086
25	3	LDR-Unbiased	12.768	12.251	-0.517
26	3	LDR-Unbiased	12.459	12.465	0.006
27	3	LDR-Unbiased	12.587	12.771	0.184
46	10	LDR-Biased	12.803	12.365	-0.438
48	10	LDR-Biased	12.755	12.802	0.047
49	10	LDR-Biased	12.75	12.561	-0.189
50	10	LDR-Biased	12.676	12.388	-0.288
51	10	LDR-Biased	12.345	12.347	0.002
52	10	LDR-Unbiased	12.383	12.719	0.336
53	10	LDR-Unbiased	12.78	12.695	-0.085
55	10	LDR-Unbiased	12.768	12.261	-0.507
56	10	LDR-Unbiased	12.459	12.458	-0.001
57	10	LDR-Unbiased	12.587	12.748	0.161
76	30	LDR-Biased	12.803	12.413	-0.39
78	30	LDR-Biased	12.755	12.782	0.027
79	30	LDR-Biased	12.75	12.561	-0.189
80	30	LDR-Biased	12.676	12.38	-0.296
81	30	LDR-Biased	12.345	12.459	0.114
82	30	LDR-Unbiased	12.383	12.713	0.33
83	30	LDR-Unbiased	12.78	12.74	-0.04
84	30	LDR-Unbiased	12.587	12.839	0.252
85	30	LDR-Unbiased	12.768	12.234	-0.534
86	30	LDR-Unbiased	12.459	12.503	0.044
87	100	LDR-Biased	12.488	12.46	-0.028
88	100	LDR-Biased	12.806	12.655	-0.151
90	100	LDR-Biased	12.756	12.655	-0.101
91	100	LDR-Unbiased	12.386	12.495	0.109
93	100	LDR-Unbiased	12.309	12.404	0.095
94	100	LDR-Unbiased	12.791	12.469	-0.322
95	100	LDR-Unbiased	12.757	12.516	-0.241
96	100	LDR-Unbiased	12.588	12.403	-0.185
106	50	LDR-Biased	12.803	12.389	-0.414
108	50	LDR-Biased	12.755	12.743	-0.012
109	50	LDR-Biased	12.75	12.524	-0.226
110	50	LDR-Biased	12.676	12.411	-0.265
111	50	LDR-Biased	12.345	12.46	0.115
112	50	LDR-Unbiased	12.383	12.697	0.314
113	50	LDR-Unbiased	12.78	12.654	-0.126
115	50	LDR-Unbiased	12.768	12.184	-0.584
116	50	LDR-Unbiased	12.459	12.464	0.005
117	50	LDR-Unbiased	12.587	12.787	0.2

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.403	12.53	12.656	0.1789	12.403	12.53	12.656	0.1789	0	0	0	0
3	12.345	12.631	12.803	0.17542	12.251	12.541	12.78	0.19207	-0.517	-0.0895	0.328	0.26176
10	12.345	12.631	12.803	0.17542	12.261	12.534	12.802	0.1954	-0.507	-0.0962	0.336	0.26316
30	12.345	12.631	12.803	0.17542	12.234	12.562	12.839	0.19906	-0.534	-0.0682	0.33	0.27963
50	12.345	12.631	12.803	0.17542	12.184	12.531	12.787	0.18789	-0.584	-0.0993	0.314	0.27949
100	12.309	12.61	12.806	0.19649	12.403	12.507	12.655	0.099363	-0.322	-0.103	0.109	0.15391

Device Test: 5.66 tdly_Res619K_EN2_SD/EN2/1.6/3/619K/0/0/@DLY_TMR_500KOHM





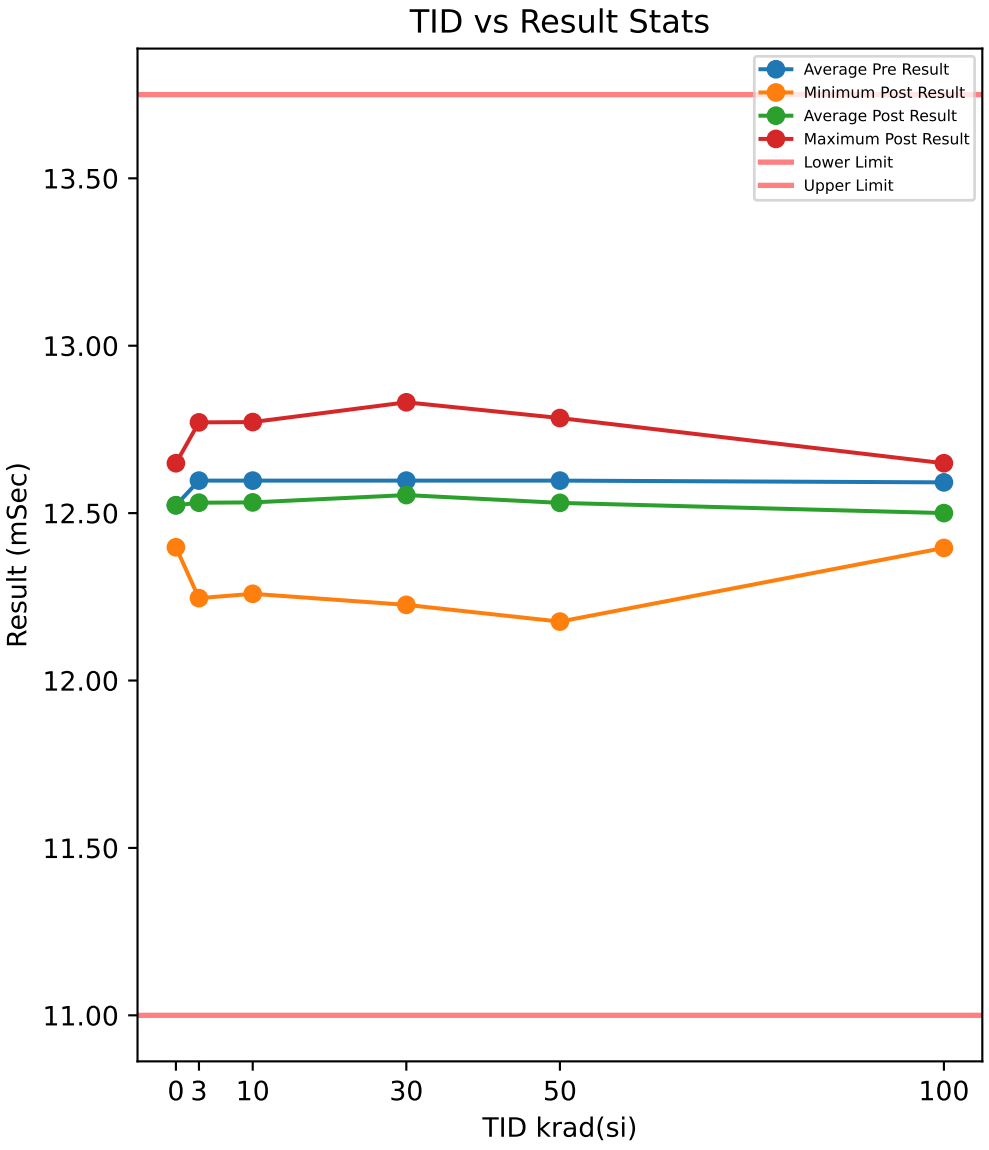
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

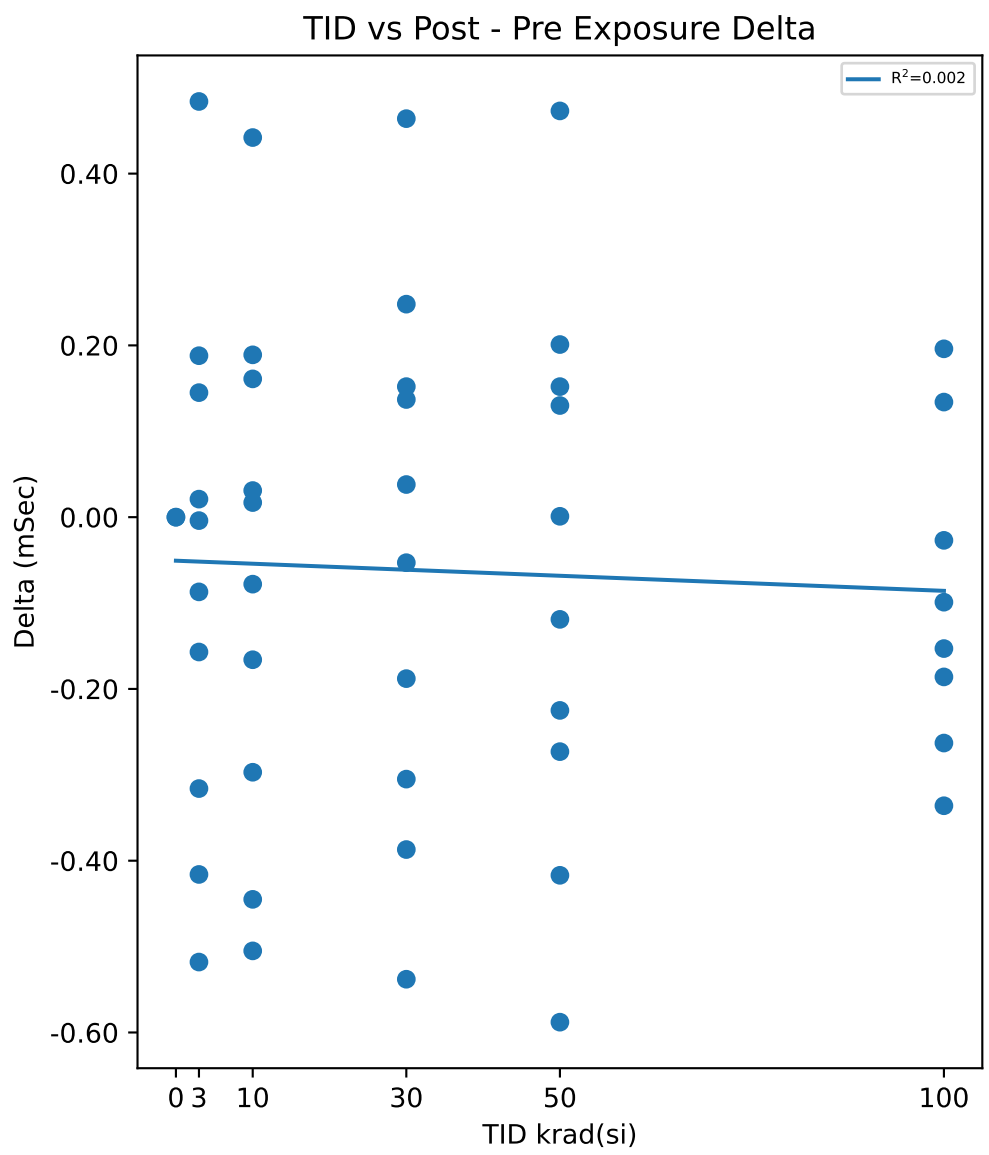
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.654	12.654	0
7	0	Correlation	12.401	12.401	0
16	3	LDR-Biased	12.774	12.399	-0.375
18	3	LDR-Biased	12.741	12.779	0.038
19	3	LDR-Biased	12.753	12.565	-0.188
20	3	LDR-Biased	12.684	12.373	-0.311
21	3	LDR-Biased	12.347	12.372	0.025
22	3	LDR-Unbiased	12.379	12.729	0.35
23	3	LDR-Unbiased	12.782	12.692	-0.09
25	3	LDR-Unbiased	12.77	12.246	-0.524
26	3	LDR-Unbiased	12.455	12.465	0.01
27	3	LDR-Unbiased	12.589	12.776	0.187
46	10	LDR-Biased	12.774	12.387	-0.387
48	10	LDR-Biased	12.741	12.778	0.037
49	10	LDR-Biased	12.753	12.586	-0.167
50	10	LDR-Biased	12.684	12.372	-0.312
51	10	LDR-Biased	12.347	12.384	0.037
52	10	LDR-Unbiased	12.379	12.714	0.335
53	10	LDR-Unbiased	12.782	12.665	-0.117
55	10	LDR-Unbiased	12.77	12.257	-0.513
56	10	LDR-Unbiased	12.455	12.46	0.005
57	10	LDR-Unbiased	12.589	12.75	0.161
76	30	LDR-Biased	12.774	12.396	-0.378
78	30	LDR-Biased	12.741	12.78	0.039
79	30	LDR-Biased	12.753	12.563	-0.19
80	30	LDR-Biased	12.684	12.345	-0.339
81	30	LDR-Biased	12.347	12.453	0.106
82	30	LDR-Unbiased	12.379	12.686	0.307
83	30	LDR-Unbiased	12.782	12.739	-0.043
84	30	LDR-Unbiased	12.589	12.835	0.246
85	30	LDR-Unbiased	12.77	12.196	-0.574
86	30	LDR-Unbiased	12.455	12.501	0.046
87	100	LDR-Biased	12.486	12.46	-0.026
88	100	LDR-Biased	12.805	12.654	-0.151
90	100	LDR-Biased	12.755	12.655	-0.1
91	100	LDR-Unbiased	12.386	12.498	0.112
93	100	LDR-Unbiased	12.193	12.405	0.212
94	100	LDR-Unbiased	12.805	12.468	-0.337
95	100	LDR-Unbiased	12.773	12.515	-0.258
96	100	LDR-Unbiased	12.589	12.403	-0.186
106	50	LDR-Biased	12.774	12.402	-0.372
108	50	LDR-Biased	12.741	12.745	0.004
109	50	LDR-Biased	12.753	12.522	-0.231
110	50	LDR-Biased	12.684	12.403	-0.281
111	50	LDR-Biased	12.347	12.463	0.116
112	50	LDR-Unbiased	12.379	12.716	0.337
113	50	LDR-Unbiased	12.782	12.661	-0.121
115	50	LDR-Unbiased	12.77	12.184	-0.586
116	50	LDR-Unbiased	12.455	12.478	0.023
117	50	LDR-Unbiased	12.589	12.788	0.199

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.401	12.527	12.654	0.1789	12.401	12.527	12.654	0.1789	0	0	0	0
3	12.347	12.627	12.782	0.17293	12.246	12.54	12.779	0.19446	-0.524	-0.0878	0.35	0.26623
10	12.347	12.627	12.782	0.17293	12.257	12.535	12.778	0.18589	-0.513	-0.0921	0.335	0.2599
30	12.347	12.627	12.782	0.17293	12.196	12.549	12.835	0.20853	-0.574	-0.078	0.307	0.28558
50	12.347	12.627	12.782	0.17293	12.184	12.536	12.788	0.18963	-0.586	-0.0912	0.337	0.28141
100	12.193	12.599	12.805	0.22758	12.403	12.507	12.655	0.099	-0.337	-0.09175	0.212	0.18453

Device Test: 5.67 tdly_Res619K_EN3_SD/EN3/1.6/3/619K/0/0/@DLY_TMR_500KOHM





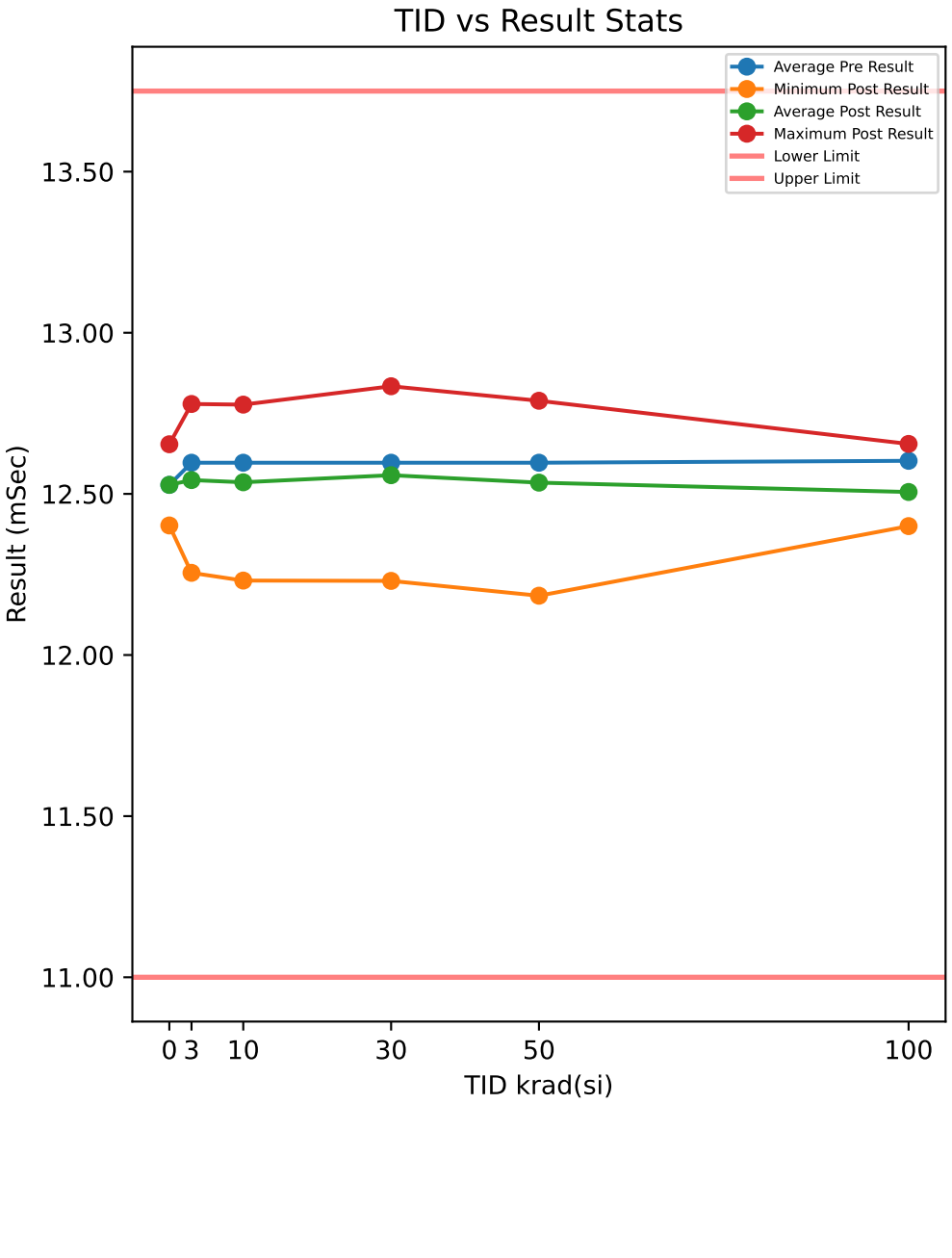
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

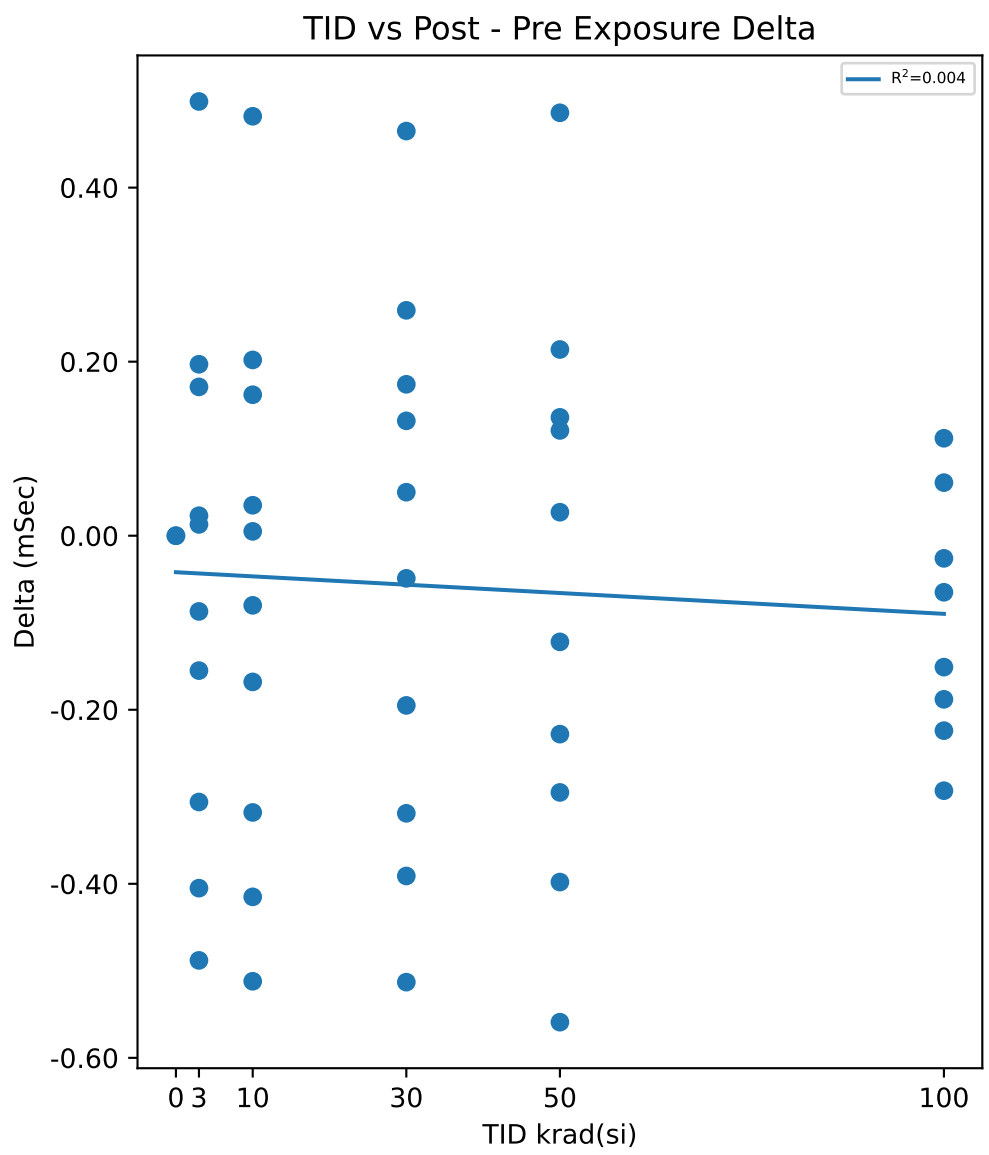
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.649	12.649	0
7	0	Correlation	12.398	12.398	0
16	3	LDR-Biased	12.795	12.379	-0.416
18	3	LDR-Biased	12.738	12.759	0.021
19	3	LDR-Biased	12.746	12.589	-0.157
20	3	LDR-Biased	12.678	12.362	-0.316
21	3	LDR-Biased	12.339	12.335	-0.004
22	3	LDR-Unbiased	12.238	12.722	0.484
23	3	LDR-Unbiased	12.775	12.688	-0.087
25	3	LDR-Unbiased	12.764	12.246	-0.518
26	3	LDR-Unbiased	12.315	12.46	0.145
27	3	LDR-Unbiased	12.583	12.771	0.188
46	10	LDR-Biased	12.795	12.35	-0.445
48	10	LDR-Biased	12.738	12.769	0.031
49	10	LDR-Biased	12.746	12.58	-0.166
50	10	LDR-Biased	12.678	12.381	-0.297
51	10	LDR-Biased	12.339	12.356	0.017
52	10	LDR-Unbiased	12.238	12.68	0.442
53	10	LDR-Unbiased	12.775	12.697	-0.078
55	10	LDR-Unbiased	12.764	12.259	-0.505
56	10	LDR-Unbiased	12.315	12.476	0.161
57	10	LDR-Unbiased	12.583	12.772	0.189
76	30	LDR-Biased	12.795	12.408	-0.387
78	30	LDR-Biased	12.738	12.776	0.038
79	30	LDR-Biased	12.746	12.558	-0.188
80	30	LDR-Biased	12.678	12.373	-0.305
81	30	LDR-Biased	12.339	12.476	0.137
82	30	LDR-Unbiased	12.238	12.702	0.464
83	30	LDR-Unbiased	12.775	12.722	-0.053
84	30	LDR-Unbiased	12.583	12.831	0.248
85	30	LDR-Unbiased	12.764	12.226	-0.538
86	30	LDR-Unbiased	12.315	12.467	0.152
87	100	LDR-Biased	12.481	12.454	-0.027
88	100	LDR-Biased	12.801	12.648	-0.153
90	100	LDR-Biased	12.748	12.649	-0.099
91	100	LDR-Unbiased	12.356	12.49	0.134
93	100	LDR-Unbiased	12.203	12.399	0.196
94	100	LDR-Unbiased	12.797	12.461	-0.336
95	100	LDR-Unbiased	12.767	12.504	-0.263
96	100	LDR-Unbiased	12.582	12.396	-0.186
106	50	LDR-Biased	12.795	12.378	-0.417
108	50	LDR-Biased	12.738	12.739	0.001
109	50	LDR-Biased	12.746	12.521	-0.225
110	50	LDR-Biased	12.678	12.405	-0.273
111	50	LDR-Biased	12.339	12.491	0.152
112	50	LDR-Unbiased	12.238	12.711	0.473
113	50	LDR-Unbiased	12.775	12.656	-0.119
115	50	LDR-Unbiased	12.764	12.176	-0.588
116	50	LDR-Unbiased	12.315	12.445	0.13
117	50	LDR-Unbiased	12.583	12.784	0.201

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.398	12.523	12.649	0.17748	12.398	12.523	12.649	0.17748	0	0	0	0
3	12.238	12.597	12.795	0.21669	12.246	12.531	12.771	0.19732	-0.518	-0.066	0.484	0.30203
10	12.238	12.597	12.795	0.21669	12.259	12.532	12.772	0.19142	-0.505	-0.0651	0.442	0.29642
30	12.238	12.597	12.795	0.21669	12.226	12.554	12.831	0.19762	-0.538	-0.0432	0.464	0.31124
50	12.238	12.597	12.795	0.21669	12.176	12.531	12.784	0.1914	-0.588	-0.0665	0.473	0.31952
100	12.203	12.592	12.801	0.22681	12.396	12.5	12.649	0.099193	-0.336	-0.09175	0.196	0.18502

Device Test: 5.68 tdly_Res619K_EN4_SD/EN4/1.6/3/619K/0/0/@DLY_TMR_500KOHM





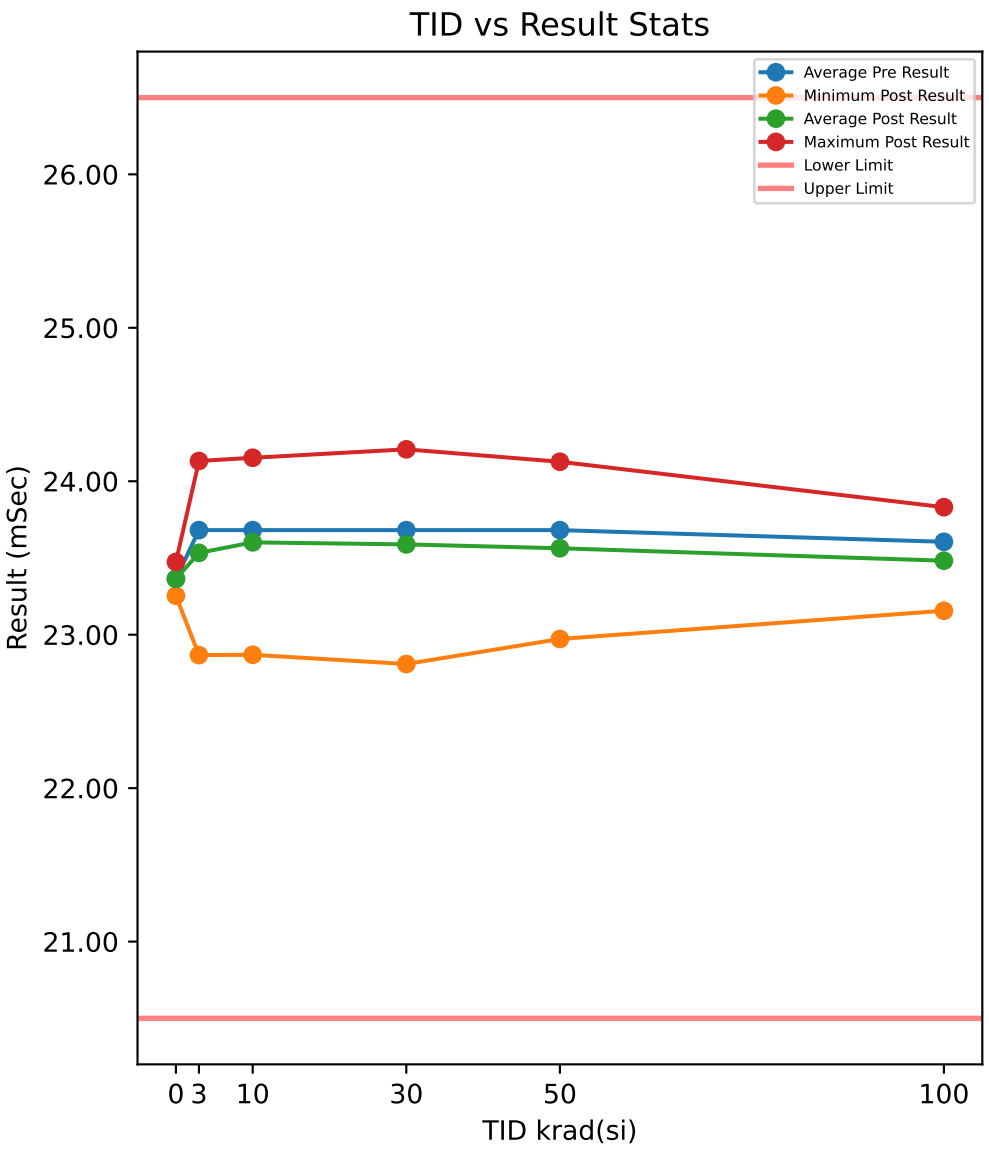
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

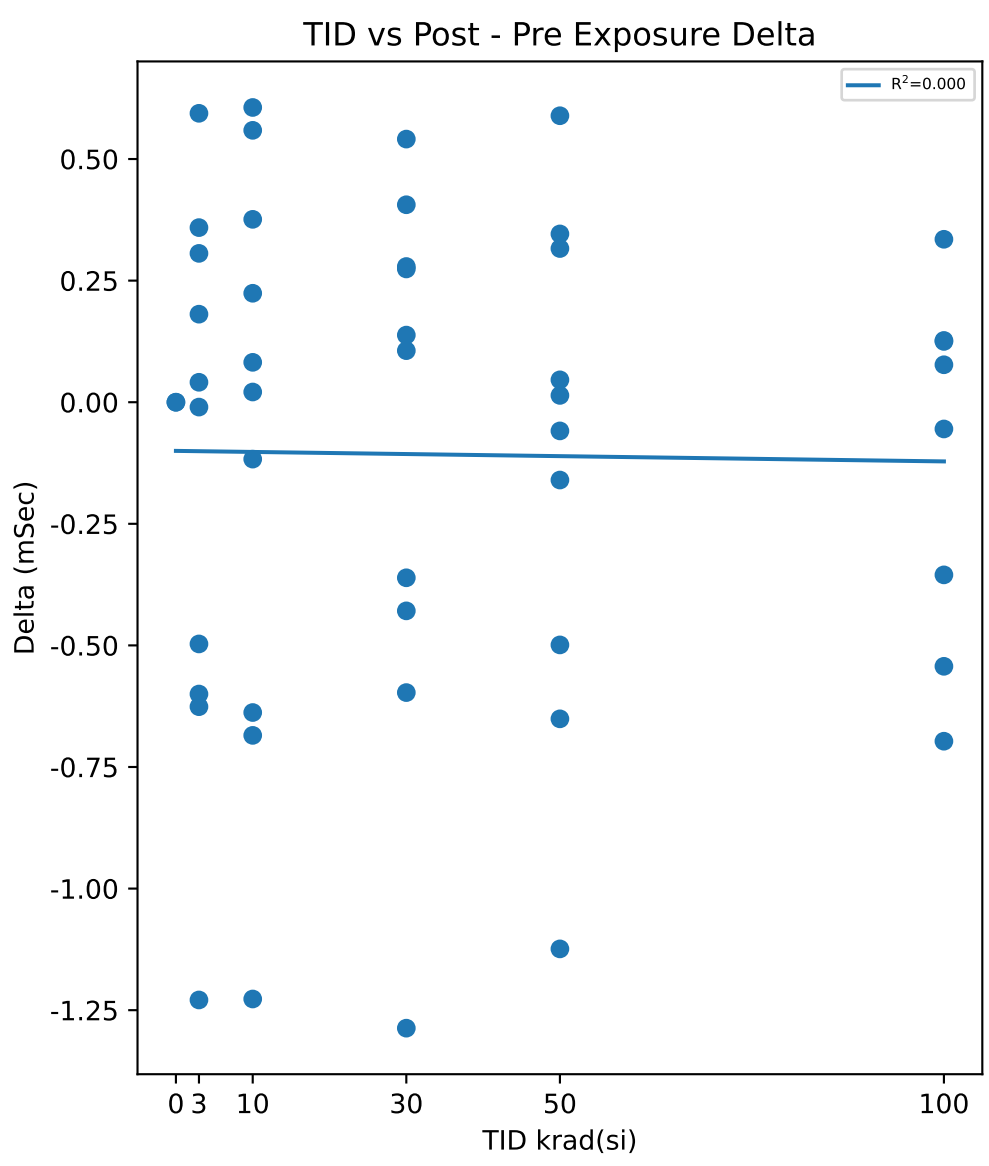
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.654	12.654	0
7	0	Correlation	12.402	12.402	0
16	3	LDR-Biased	12.801	12.396	-0.405
18	3	LDR-Biased	12.608	12.779	0.171
19	3	LDR-Biased	12.751	12.596	-0.155
20	3	LDR-Biased	12.679	12.373	-0.306
21	3	LDR-Biased	12.347	12.37	0.023
22	3	LDR-Unbiased	12.23	12.729	0.499
23	3	LDR-Unbiased	12.781	12.694	-0.087
25	3	LDR-Unbiased	12.743	12.255	-0.488
26	3	LDR-Unbiased	12.452	12.465	0.013
27	3	LDR-Unbiased	12.575	12.772	0.197
46	10	LDR-Biased	12.801	12.386	-0.415
48	10	LDR-Biased	12.608	12.77	0.162
49	10	LDR-Biased	12.751	12.583	-0.168
50	10	LDR-Biased	12.679	12.361	-0.318
51	10	LDR-Biased	12.347	12.382	0.035
52	10	LDR-Unbiased	12.23	12.712	0.482
53	10	LDR-Unbiased	12.781	12.701	-0.08
55	10	LDR-Unbiased	12.743	12.231	-0.512
56	10	LDR-Unbiased	12.452	12.457	0.005
57	10	LDR-Unbiased	12.575	12.777	0.202
76	30	LDR-Biased	12.801	12.41	-0.391
78	30	LDR-Biased	12.608	12.782	0.174
79	30	LDR-Biased	12.751	12.556	-0.195
80	30	LDR-Biased	12.679	12.36	-0.319
81	30	LDR-Biased	12.347	12.479	0.132
82	30	LDR-Unbiased	12.23	12.695	0.465
83	30	LDR-Unbiased	12.781	12.732	-0.049
84	30	LDR-Unbiased	12.575	12.834	0.259
85	30	LDR-Unbiased	12.743	12.23	-0.513
86	30	LDR-Unbiased	12.452	12.502	0.05
87	100	LDR-Biased	12.485	12.459	-0.026
88	100	LDR-Biased	12.804	12.653	-0.151
90	100	LDR-Biased	12.72	12.655	-0.065
91	100	LDR-Unbiased	12.385	12.497	0.112
93	100	LDR-Unbiased	12.343	12.404	0.061
94	100	LDR-Unbiased	12.761	12.468	-0.293
95	100	LDR-Unbiased	12.735	12.511	-0.224
96	100	LDR-Unbiased	12.588	12.4	-0.188
106	50	LDR-Biased	12.801	12.403	-0.398
108	50	LDR-Biased	12.608	12.744	0.136
109	50	LDR-Biased	12.751	12.523	-0.228
110	50	LDR-Biased	12.679	12.384	-0.295
111	50	LDR-Biased	12.347	12.468	0.121
112	50	LDR-Unbiased	12.23	12.716	0.486
113	50	LDR-Unbiased	12.781	12.659	-0.122
115	50	LDR-Unbiased	12.743	12.184	-0.559
116	50	LDR-Unbiased	12.452	12.479	0.027
117	50	LDR-Unbiased	12.575	12.789	0.214

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.402	12.528	12.654	0.17819	12.402	12.528	12.654	0.17819	0	0	0	0
3	12.23	12.597	12.801	0.19609	12.255	12.543	12.779	0.19374	-0.488	-0.0538	0.499	0.30115
10	12.23	12.597	12.801	0.19609	12.231	12.536	12.777	0.19702	-0.512	-0.0607	0.482	0.30439
30	12.23	12.597	12.801	0.19609	12.23	12.558	12.834	0.19818	-0.513	-0.0387	0.465	0.31212
50	12.23	12.597	12.801	0.19609	12.184	12.535	12.789	0.19077	-0.559	-0.0618	0.486	0.31666
100	12.343	12.603	12.804	0.17958	12.4	12.506	12.655	0.099433	-0.293	-0.09675	0.112	0.14165

Device Test: 5.69 tdly_Res1p18M_EN1_SU/EN1/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





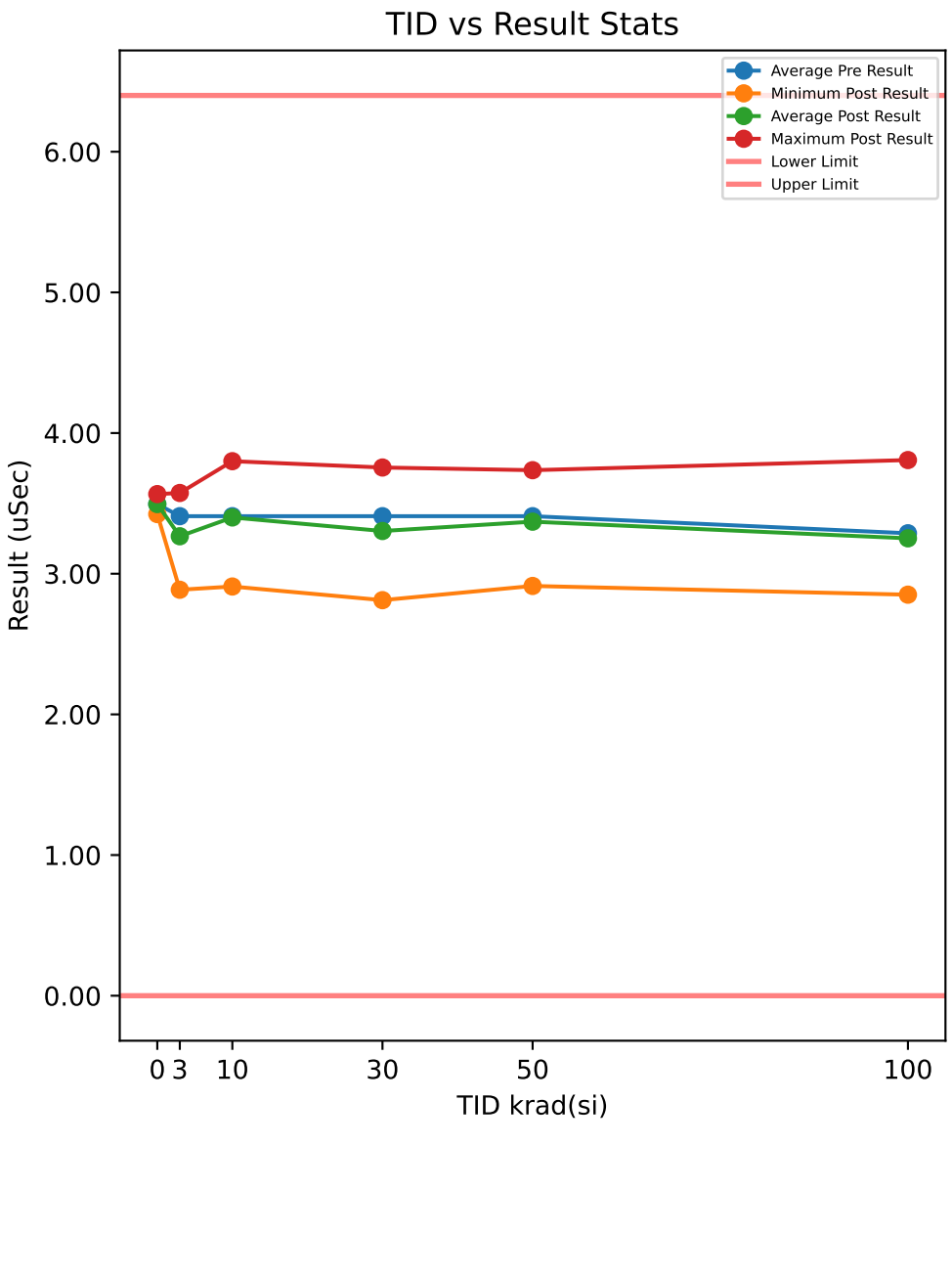
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

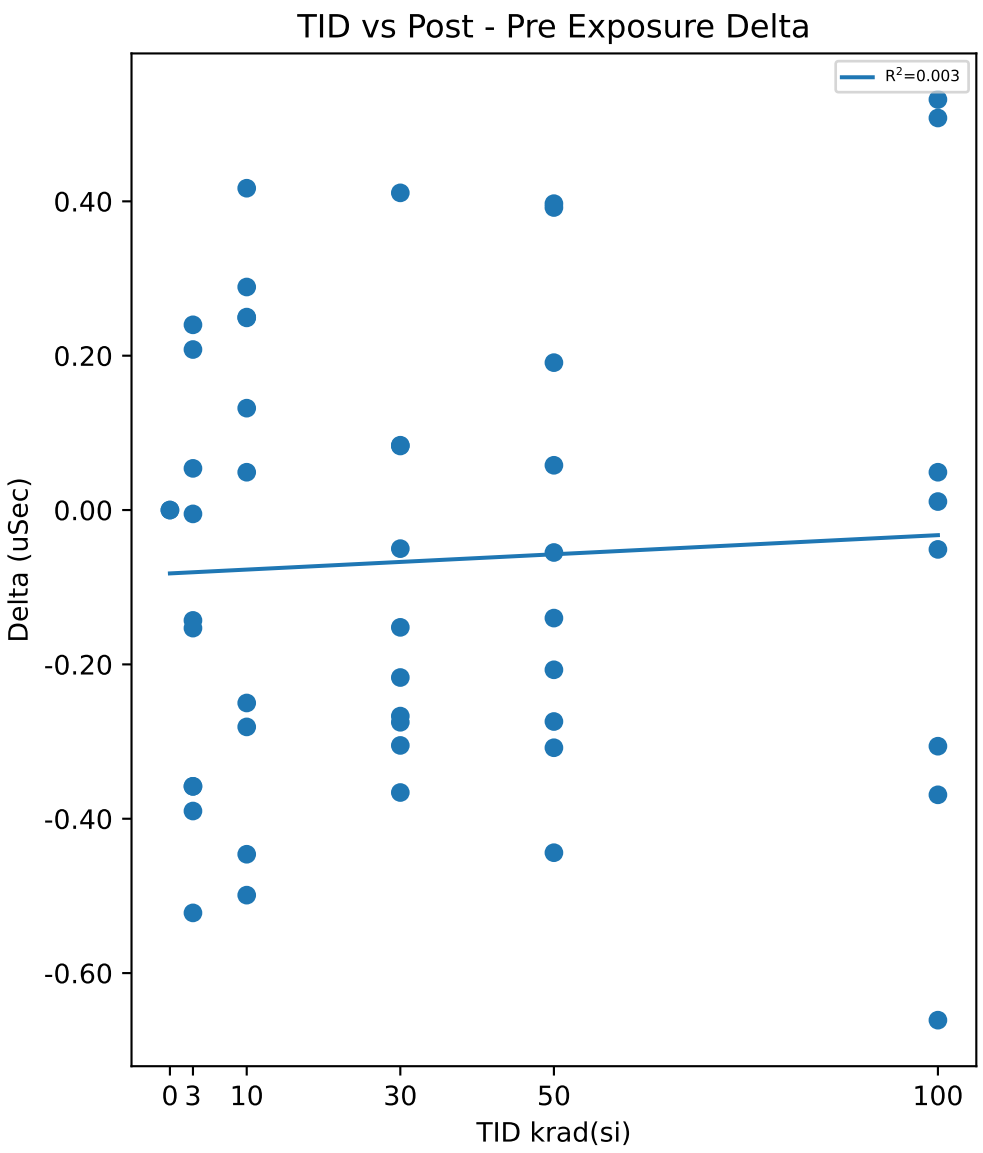
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.474	23.474	0
7	0	Correlation	23.254	23.254	0
16	3	LDR-Biased	24.042	23.416	-0.626
18	3	LDR-Biased	23.69	24.049	0.359
19	3	LDR-Biased	24.204	23.604	-0.6
20	3	LDR-Biased	23.554	23.057	-0.497
21	3	LDR-Biased	23.103	23.093	-0.01
22	3	LDR-Unbiased	23.364	23.67	0.306
23	3	LDR-Unbiased	23.929	24.11	0.181
25	3	LDR-Unbiased	24.096	22.867	-1.229
26	3	LDR-Unbiased	23.295	23.336	0.041
27	3	LDR-Unbiased	23.538	24.132	0.594
46	10	LDR-Biased	24.042	23.357	-0.685
48	10	LDR-Biased	23.69	24.066	0.376
49	10	LDR-Biased	24.204	23.566	-0.638
50	10	LDR-Biased	23.554	23.437	-0.117
51	10	LDR-Biased	23.103	23.124	0.021
52	10	LDR-Unbiased	23.364	23.923	0.559
53	10	LDR-Unbiased	23.929	24.153	0.224
55	10	LDR-Unbiased	24.096	22.869	-1.227
56	10	LDR-Unbiased	23.295	23.377	0.082
57	10	LDR-Unbiased	23.538	24.144	0.606
76	30	LDR-Biased	24.042	23.445	-0.597
78	30	LDR-Biased	23.69	23.828	0.138
79	30	LDR-Biased	24.204	23.843	-0.361
80	30	LDR-Biased	23.554	23.125	-0.429
81	30	LDR-Biased	23.103	23.377	0.274
82	30	LDR-Unbiased	23.364	23.905	0.541
83	30	LDR-Unbiased	23.929	24.208	0.279
84	30	LDR-Unbiased	23.538	23.944	0.406
85	30	LDR-Unbiased	24.096	22.809	-1.287
86	30	LDR-Unbiased	23.295	23.401	0.106
87	100	LDR-Biased	23.58	23.525	-0.055
88	100	LDR-Biased	23.816	23.461	-0.355
90	100	LDR-Biased	23.704	23.831	0.127
91	100	LDR-Unbiased	23.35	23.685	0.335
93	100	LDR-Unbiased	23.031	23.156	0.125
94	100	LDR-Unbiased	24.047	23.35	-0.697
95	100	LDR-Unbiased	23.992	23.449	-0.543
96	100	LDR-Unbiased	23.323	23.4	0.077
106	50	LDR-Biased	24.042	23.391	-0.651
108	50	LDR-Biased	23.69	23.736	0.046
109	50	LDR-Biased	24.204	23.705	-0.499
110	50	LDR-Biased	23.554	23.495	-0.059
111	50	LDR-Biased	23.103	23.449	0.346
112	50	LDR-Unbiased	23.364	23.68	0.316
113	50	LDR-Unbiased	23.929	23.769	-0.16
115	50	LDR-Unbiased	24.096	22.972	-1.124
116	50	LDR-Unbiased	23.295	23.309	0.014
117	50	LDR-Unbiased	23.538	24.127	0.589

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.254	23.364	23.474	0.15556	23.254	23.364	23.474	0.15556	0	0	0	0
3	23.103	23.681	24.204	0.37384	22.867	23.533	24.132	0.45923	-1.229	-0.1481	0.594	0.56763
10	23.103	23.681	24.204	0.37384	22.869	23.602	24.153	0.44977	-1.227	-0.0799	0.606	0.59722
30	23.103	23.681	24.204	0.37384	22.809	23.588	24.208	0.42887	-1.287	-0.093	0.541	0.56582
50	23.103	23.681	24.204	0.37384	22.972	23.563	24.127	0.31364	-1.124	-0.1182	0.589	0.51579
100	23.031	23.605	24.047	0.35337	23.156	23.482	23.831	0.20592	-0.697	-0.12325	0.335	0.36608

Device Test: 5.7 tpd_EN2_SD/EN2/1.6/3/0/0/0/@TPD_EN





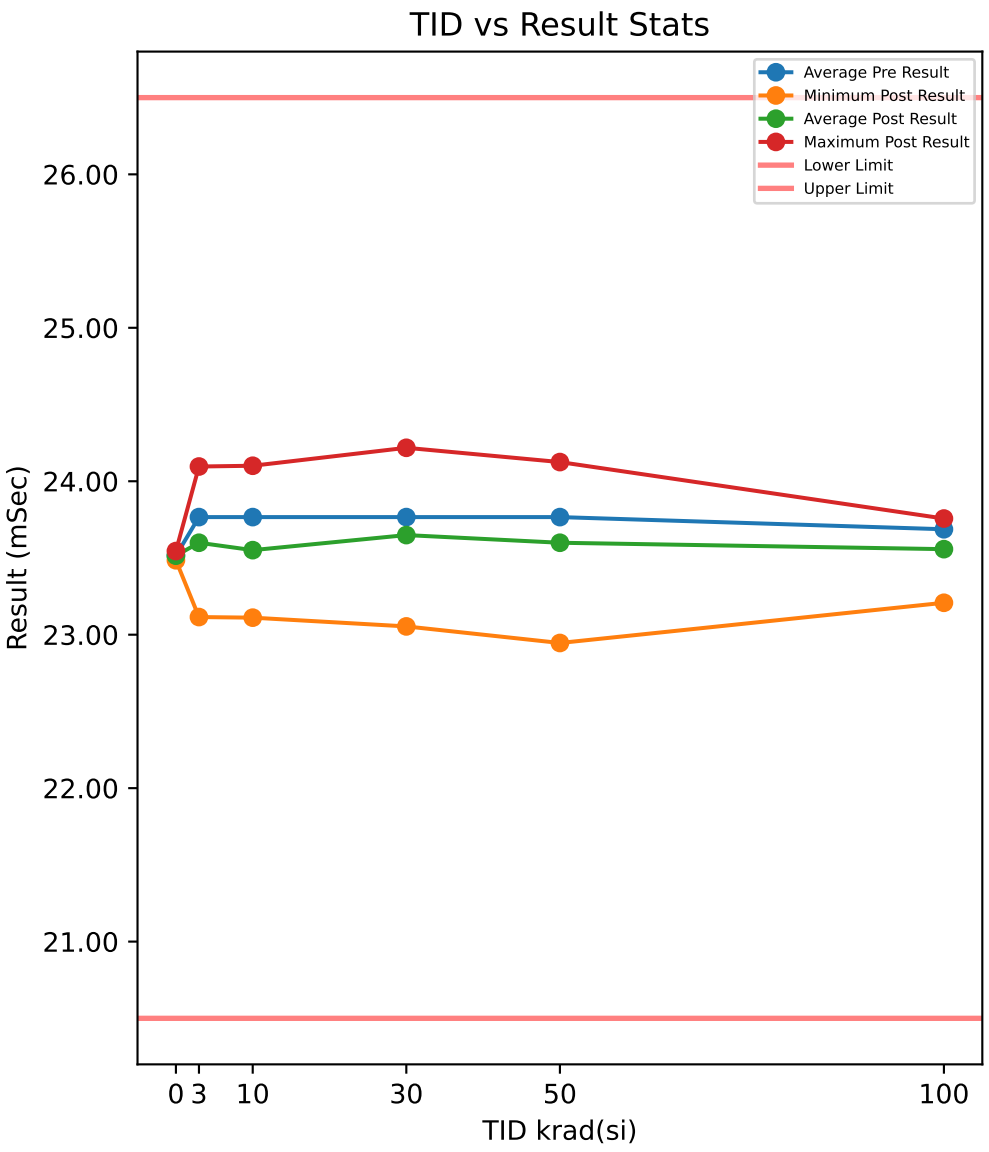
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

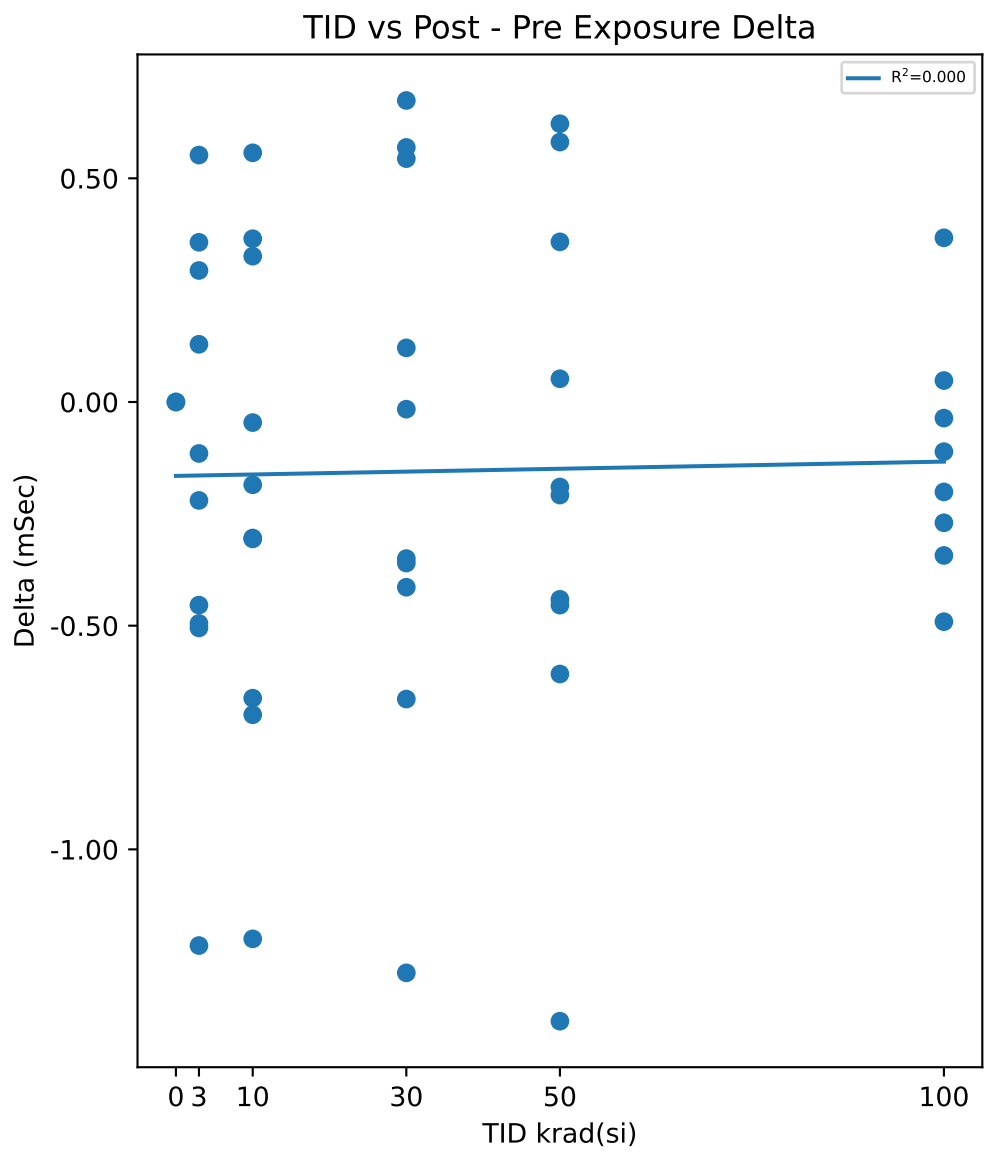
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.424	3.424	0
7	0	Correlation	3.566	3.566	0
16	3	LDR-Biased	3.514	3.156	-0.358
18	3	LDR-Biased	3.079	3.319	0.24
19	3	LDR-Biased	3.537	3.147	-0.39
20	3	LDR-Biased	3.652	3.509	-0.143
21	3	LDR-Biased	3.168	3.376	0.208
22	3	LDR-Unbiased	3.511	3.153	-0.358
23	3	LDR-Unbiased	3.408	2.886	-0.522
25	3	LDR-Unbiased	3.52	3.574	0.054
26	3	LDR-Unbiased	3.344	3.339	-0.005
27	3	LDR-Unbiased	3.357	3.204	-0.153
46	10	LDR-Biased	3.514	3.068	-0.446
48	10	LDR-Biased	3.079	3.496	0.417
49	10	LDR-Biased	3.537	3.586	0.049
50	10	LDR-Biased	3.652	3.371	-0.281
51	10	LDR-Biased	3.168	2.918	-0.25
52	10	LDR-Unbiased	3.511	3.8	0.289
53	10	LDR-Unbiased	3.408	2.909	-0.499
55	10	LDR-Unbiased	3.52	3.769	0.249
56	10	LDR-Unbiased	3.344	3.476	0.132
57	10	LDR-Unbiased	3.357	3.607	0.25
76	30	LDR-Biased	3.514	3.362	-0.152
78	30	LDR-Biased	3.079	2.812	-0.267
79	30	LDR-Biased	3.537	3.32	-0.217
80	30	LDR-Biased	3.652	3.602	-0.05
81	30	LDR-Biased	3.168	3.252	0.084
82	30	LDR-Unbiased	3.511	3.236	-0.275
83	30	LDR-Unbiased	3.408	3.042	-0.366
84	30	LDR-Unbiased	3.357	3.44	0.083
85	30	LDR-Unbiased	3.52	3.215	-0.305
86	30	LDR-Unbiased	3.344	3.755	0.411
87	100	LDR-Biased	2.997	3.505	0.508
88	100	LDR-Biased	3.524	2.863	-0.661
90	100	LDR-Biased	3.432	3.126	-0.306
91	100	LDR-Unbiased	2.91	3.442	0.532
93	100	LDR-Unbiased	2.84	2.851	0.011
94	100	LDR-Unbiased	3.446	3.395	-0.051
95	100	LDR-Unbiased	3.392	3.023	-0.369
96	100	LDR-Unbiased	3.759	3.808	0.049
106	50	LDR-Biased	3.514	3.307	-0.207
108	50	LDR-Biased	3.079	3.024	-0.055
109	50	LDR-Biased	3.537	3.595	0.058
110	50	LDR-Biased	3.652	3.344	-0.308
111	50	LDR-Biased	3.168	3.565	0.397
112	50	LDR-Unbiased	3.511	3.702	0.191
113	50	LDR-Unbiased	3.408	3.134	-0.274
115	50	LDR-Unbiased	3.52	3.38	-0.14
116	50	LDR-Unbiased	3.344	3.736	0.392
117	50	LDR-Unbiased	3.357	2.913	-0.444

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.424	3.495	3.566	0.10041	3.424	3.495	3.566	0.10041	0	0	0	0
3	3.079	3.409	3.652	0.17736	2.886	3.2663	3.574	0.2004	-0.522	-0.1427	0.24	0.26351
10	3.079	3.409	3.652	0.17736	2.909	3.4	3.8	0.32881	-0.499	-0.009	0.417	0.33171
30	3.079	3.409	3.652	0.17736	2.812	3.3036	3.755	0.26672	-0.366	-0.1054	0.411	0.23999
50	3.079	3.409	3.652	0.17736	2.913	3.37	3.736	0.2832	-0.444	-0.039	0.397	0.29221
100	2.84	3.2875	3.759	0.33	2.851	3.2516	3.808	0.3402	-0.661	-0.035875	0.532	0.41449

Device Test: 5.70 tdly_Res1p18M_EN2_SU/EN2/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





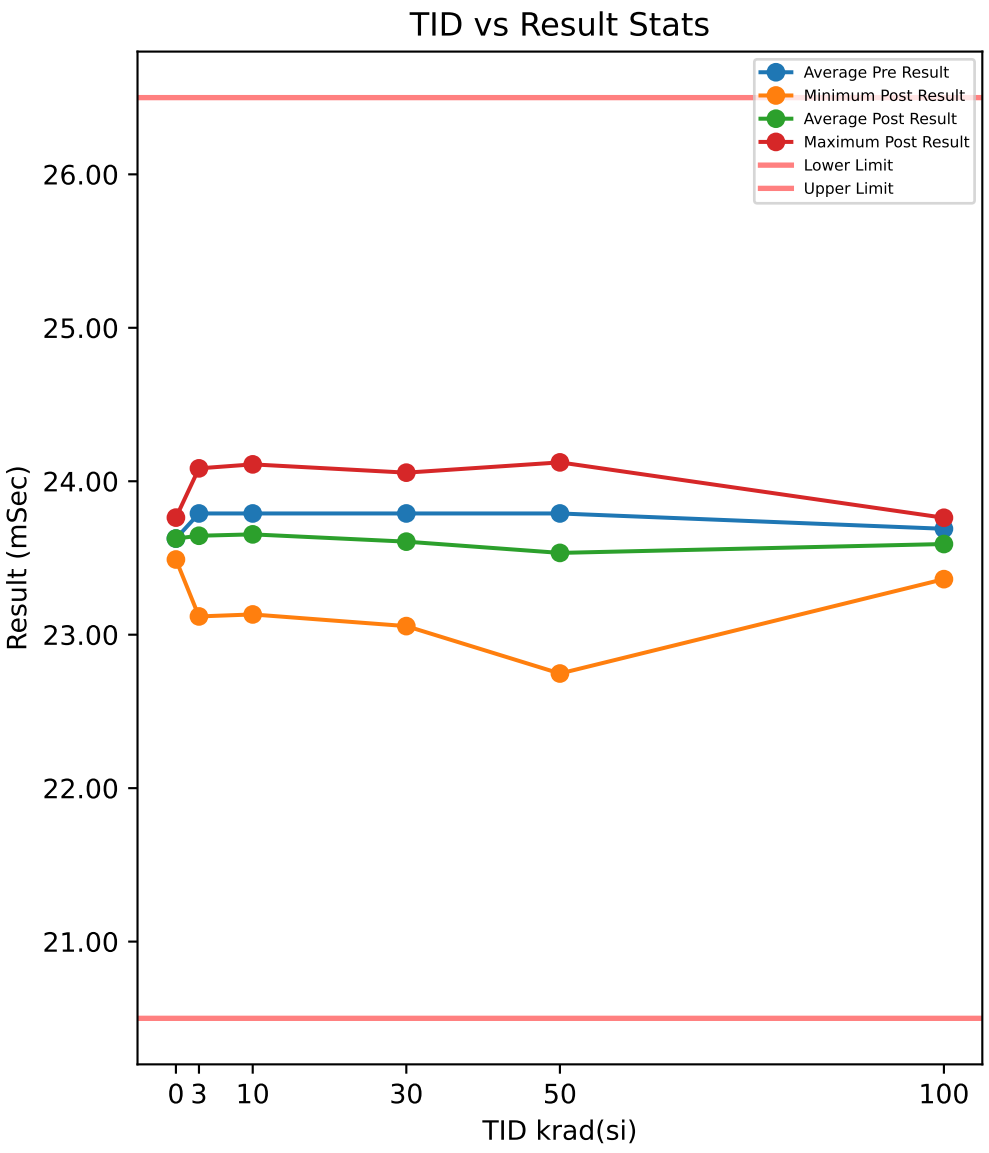
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

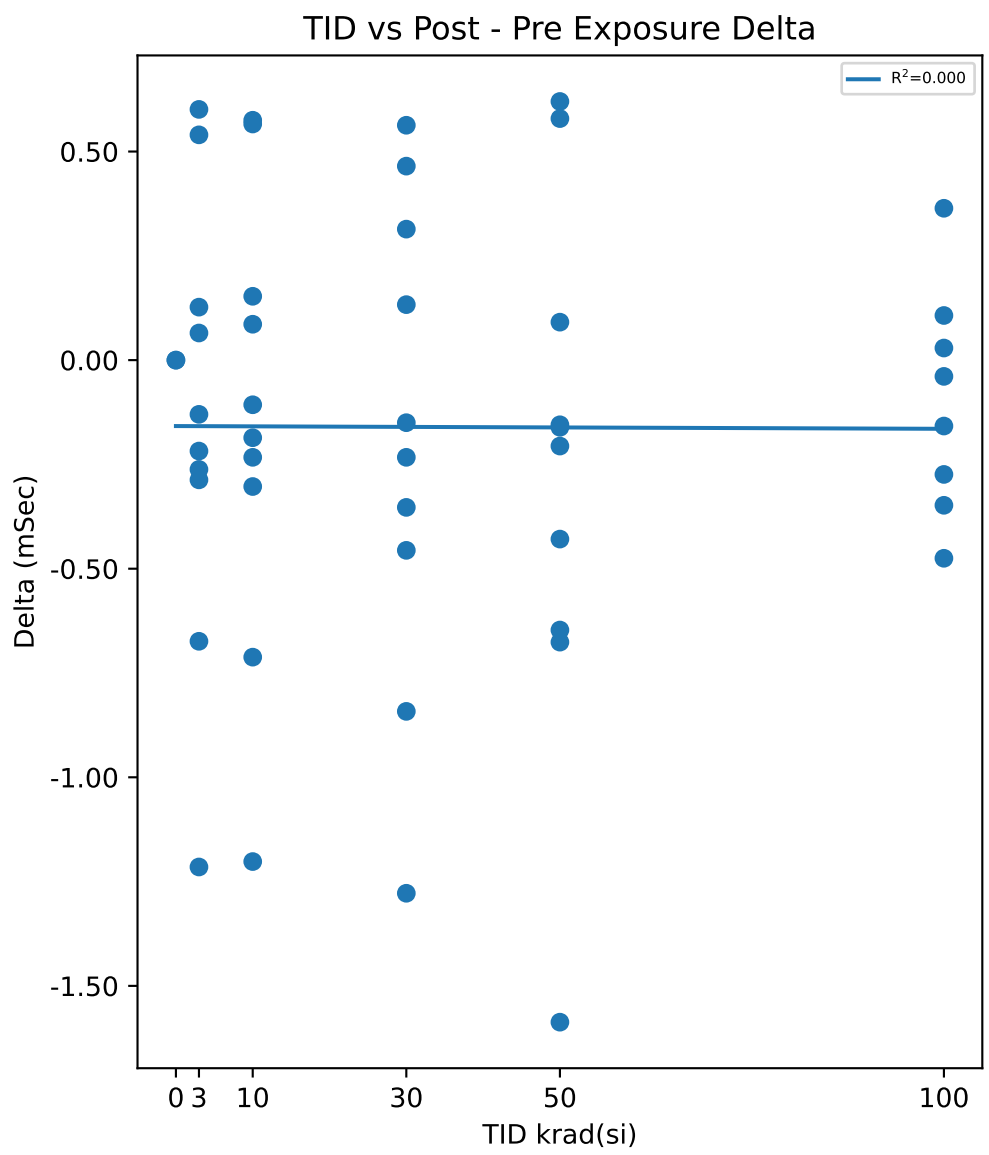
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.545	23.545	0
7	0	Correlation	23.485	23.485	0
16	3	LDR-Biased	23.81	23.356	-0.454
18	3	LDR-Biased	23.919	24.048	0.129
19	3	LDR-Biased	24.143	23.638	-0.505
20	3	LDR-Biased	23.822	23.327	-0.495
21	3	LDR-Biased	23.086	23.38	0.294
22	3	LDR-Unbiased	23.294	23.651	0.357
23	3	LDR-Unbiased	24.208	24.093	-0.115
25	3	LDR-Unbiased	24.33	23.115	-1.215
26	3	LDR-Unbiased	23.508	23.288	-0.22
27	3	LDR-Unbiased	23.544	24.096	0.552
46	10	LDR-Biased	23.81	23.111	-0.699
48	10	LDR-Biased	23.919	23.873	-0.046
49	10	LDR-Biased	24.143	23.839	-0.304
50	10	LDR-Biased	23.822	23.16	-0.662
51	10	LDR-Biased	23.086	23.412	0.326
52	10	LDR-Unbiased	23.294	23.659	0.365
53	10	LDR-Unbiased	24.208	23.902	-0.306
55	10	LDR-Unbiased	24.33	23.13	-1.2
56	10	LDR-Unbiased	23.508	23.323	-0.185
57	10	LDR-Unbiased	23.544	24.101	0.557
76	30	LDR-Biased	23.81	23.396	-0.414
78	30	LDR-Biased	23.919	24.04	0.121
79	30	LDR-Biased	24.143	23.793	-0.35
80	30	LDR-Biased	23.822	23.158	-0.664
81	30	LDR-Biased	23.086	23.63	0.544
82	30	LDR-Unbiased	23.294	23.863	0.569
83	30	LDR-Unbiased	24.208	24.192	-0.016
84	30	LDR-Unbiased	23.544	24.218	0.674
85	30	LDR-Unbiased	24.33	23.054	-1.276
86	30	LDR-Unbiased	23.508	23.148	-0.36
87	100	LDR-Biased	23.579	23.543	-0.036
88	100	LDR-Biased	24.027	23.757	-0.27
90	100	LDR-Biased	23.709	23.757	0.048
91	100	LDR-Unbiased	23.291	23.658	0.367
93	100	LDR-Unbiased	23.319	23.208	-0.111
94	100	LDR-Unbiased	24.029	23.538	-0.491
95	100	LDR-Unbiased	23.999	23.656	-0.343
96	100	LDR-Unbiased	23.544	23.343	-0.201
106	50	LDR-Biased	23.81	23.369	-0.441
108	50	LDR-Biased	23.919	23.971	0.052
109	50	LDR-Biased	24.143	23.689	-0.454
110	50	LDR-Biased	23.822	23.214	-0.608
111	50	LDR-Biased	23.086	23.444	0.358
112	50	LDR-Unbiased	23.294	23.916	0.622
113	50	LDR-Unbiased	24.208	24	-0.208
115	50	LDR-Unbiased	24.33	22.946	-1.384
116	50	LDR-Unbiased	23.508	23.318	-0.19
117	50	LDR-Unbiased	23.544	24.125	0.581

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.485	23.515	23.545	0.042426	23.485	23.515	23.545	0.042426	0	0	0	0
3	23.086	23.766	24.33	0.40622	23.115	23.599	24.096	0.36649	-1.215	-0.1672	0.552	0.52701
10	23.086	23.766	24.33	0.40622	23.111	23.551	24.101	0.36803	-1.2	-0.2154	0.557	0.54518
30	23.086	23.766	24.33	0.40622	23.054	23.649	24.218	0.44077	-1.276	-0.1172	0.674	0.61861
50	23.086	23.766	24.33	0.40622	22.946	23.599	24.125	0.39651	-1.384	-0.1672	0.622	0.60927
100	23.291	23.687	24.029	0.30583	23.208	23.558	23.757	0.19572	-0.491	-0.12962	0.367	0.26409

Device Test: 5.71 tdly_Res1p18M_EN3_SU/EN3/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





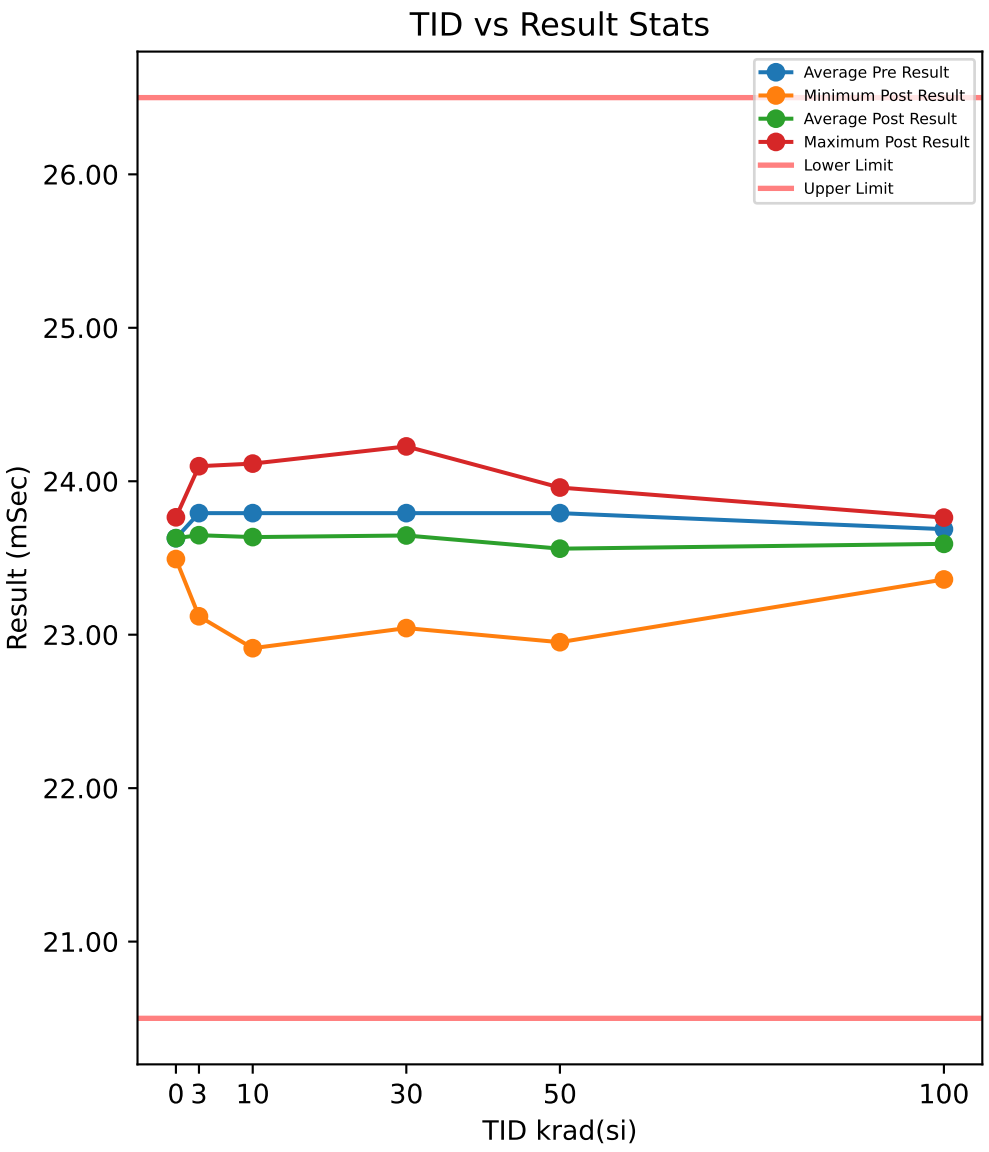
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

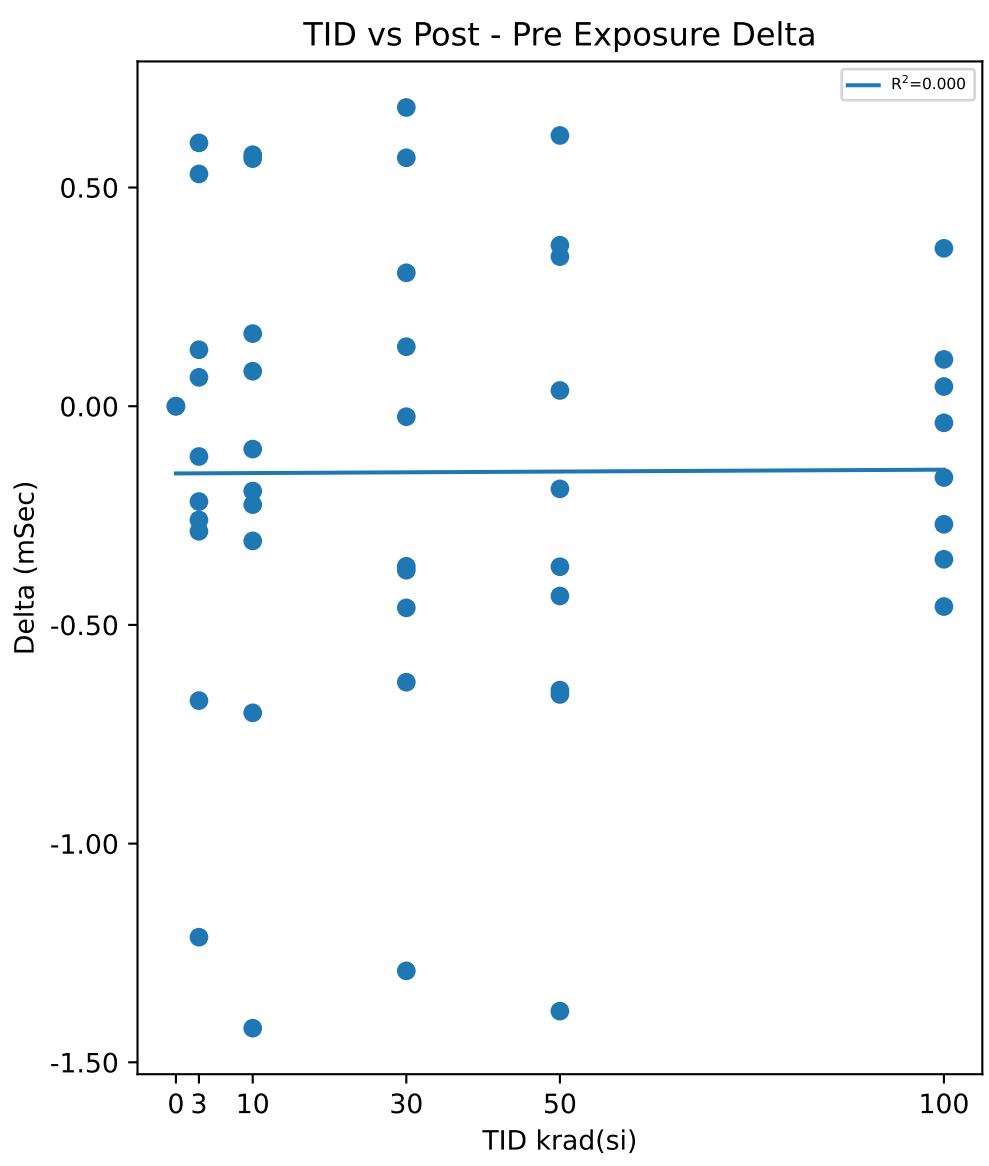
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.763	23.763	0
7	0	Correlation	23.49	23.49	0
16	3	LDR-Biased	24.029	23.355	-0.674
18	3	LDR-Biased	23.923	24.05	0.127
19	3	LDR-Biased	24.144	23.857	-0.287
20	3	LDR-Biased	23.597	23.335	-0.262
21	3	LDR-Biased	23.318	23.383	0.065
22	3	LDR-Unbiased	23.295	23.896	0.601
23	3	LDR-Unbiased	24.209	24.079	-0.13
25	3	LDR-Unbiased	24.334	23.119	-1.215
26	3	LDR-Unbiased	23.508	23.29	-0.218
27	3	LDR-Unbiased	23.544	24.084	0.54
46	10	LDR-Biased	24.029	23.317	-0.712
48	10	LDR-Biased	23.923	24.076	0.153
49	10	LDR-Biased	24.144	23.841	-0.303
50	10	LDR-Biased	23.597	23.364	-0.233
51	10	LDR-Biased	23.318	23.404	0.086
52	10	LDR-Unbiased	23.295	23.87	0.575
53	10	LDR-Unbiased	24.209	24.102	-0.107
55	10	LDR-Unbiased	24.334	23.132	-1.202
56	10	LDR-Unbiased	23.508	23.322	-0.186
57	10	LDR-Unbiased	23.544	24.11	0.566
76	30	LDR-Biased	24.029	23.187	-0.842
78	30	LDR-Biased	23.923	24.056	0.133
79	30	LDR-Biased	24.144	23.791	-0.353
80	30	LDR-Biased	23.597	23.141	-0.456
81	30	LDR-Biased	23.318	23.632	0.314
82	30	LDR-Unbiased	23.295	23.858	0.563
83	30	LDR-Unbiased	24.209	23.976	-0.233
84	30	LDR-Unbiased	23.544	24.009	0.465
85	30	LDR-Unbiased	24.334	23.056	-1.278
86	30	LDR-Unbiased	23.508	23.358	-0.15
87	100	LDR-Biased	23.581	23.542	-0.039
88	100	LDR-Biased	24.033	23.759	-0.274
90	100	LDR-Biased	23.92	23.762	-0.158
91	100	LDR-Unbiased	23.295	23.659	0.364
93	100	LDR-Unbiased	23.322	23.429	0.107
94	100	LDR-Unbiased	24.03	23.555	-0.475
95	100	LDR-Unbiased	24.007	23.659	-0.348
96	100	LDR-Unbiased	23.333	23.362	0.029
106	50	LDR-Biased	24.029	23.353	-0.676
108	50	LDR-Biased	23.923	23.762	-0.161
109	50	LDR-Biased	24.144	23.497	-0.647
110	50	LDR-Biased	23.597	23.442	-0.155
111	50	LDR-Biased	23.318	23.409	0.091
112	50	LDR-Unbiased	23.295	23.915	0.62
113	50	LDR-Unbiased	24.209	23.78	-0.429
115	50	LDR-Unbiased	24.334	22.747	-1.587
116	50	LDR-Unbiased	23.508	23.302	-0.206
117	50	LDR-Unbiased	23.544	24.123	0.579

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.49	23.627	23.763	0.19304	23.49	23.627	23.763	0.19304	0	0	0	0
3	23.295	23.79	24.334	0.38249	23.119	23.645	24.084	0.38073	-1.215	-0.1453	0.601	0.53831
10	23.295	23.79	24.334	0.38249	23.132	23.654	24.11	0.3817	-1.202	-0.1363	0.575	0.54159
30	23.295	23.79	24.334	0.38249	23.056	23.606	24.056	0.38816	-1.278	-0.1837	0.563	0.58344
50	23.295	23.79	24.334	0.38249	22.747	23.533	24.123	0.38528	-1.587	-0.2571	0.62	0.64442
100	23.295	23.69	24.033	0.34172	23.362	23.591	23.762	0.14594	-0.475	-0.09925	0.364	0.27105

Device Test: 5.72 tdly_Res1p18M_EN4_SU/EN4/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





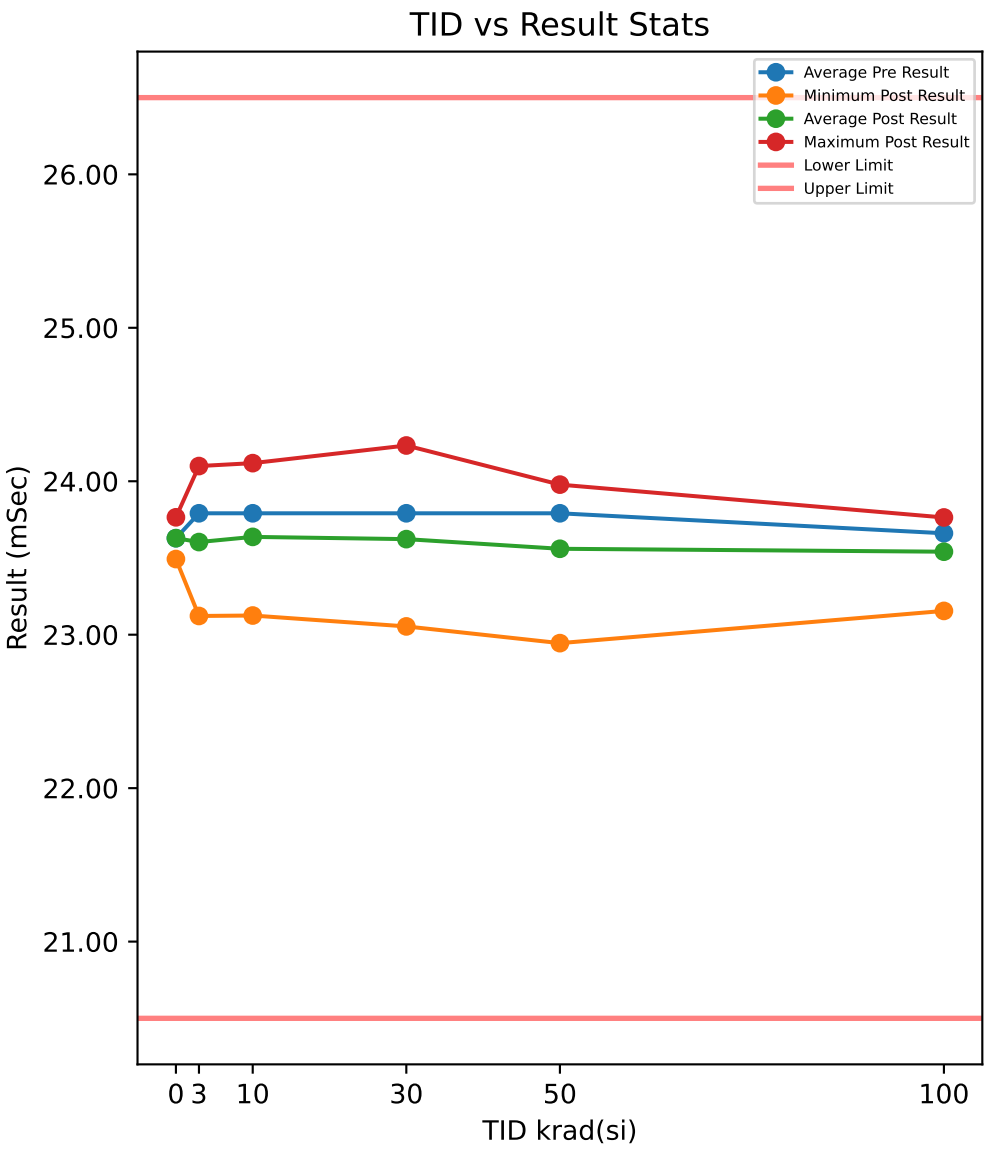
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

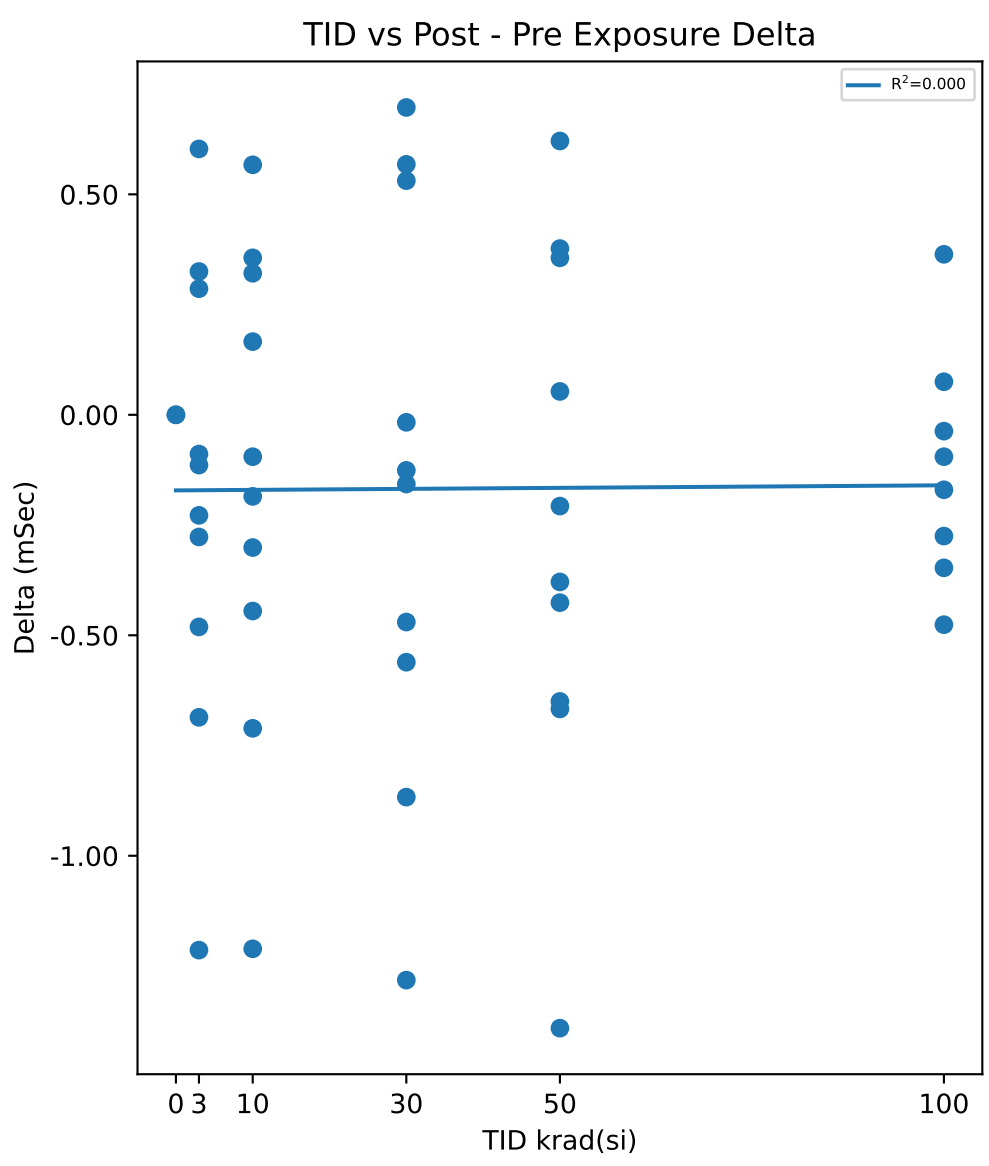
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.765	23.765	0
7	0	Correlation	23.493	23.493	0
16	3	LDR-Biased	24.032	23.359	-0.673
18	3	LDR-Biased	23.923	24.052	0.129
19	3	LDR-Biased	24.147	23.861	-0.286
20	3	LDR-Biased	23.601	23.341	-0.26
21	3	LDR-Biased	23.32	23.386	0.066
22	3	LDR-Unbiased	23.298	23.9	0.602
23	3	LDR-Unbiased	24.213	24.098	-0.115
25	3	LDR-Unbiased	24.334	23.12	-1.214
26	3	LDR-Unbiased	23.51	23.292	-0.218
27	3	LDR-Unbiased	23.544	24.075	0.531
46	10	LDR-Biased	24.032	23.331	-0.701
48	10	LDR-Biased	23.923	24.089	0.166
49	10	LDR-Biased	24.147	23.839	-0.308
50	10	LDR-Biased	23.601	23.376	-0.225
51	10	LDR-Biased	23.32	23.4	0.08
52	10	LDR-Unbiased	23.298	23.873	0.575
53	10	LDR-Unbiased	24.213	24.115	-0.098
55	10	LDR-Unbiased	24.334	22.912	-1.422
56	10	LDR-Unbiased	23.51	23.316	-0.194
57	10	LDR-Unbiased	23.544	24.11	0.566
76	30	LDR-Biased	24.032	23.401	-0.631
78	30	LDR-Biased	23.923	24.059	0.136
79	30	LDR-Biased	24.147	23.772	-0.375
80	30	LDR-Biased	23.601	23.14	-0.461
81	30	LDR-Biased	23.32	23.625	0.305
82	30	LDR-Unbiased	23.298	23.866	0.568
83	30	LDR-Unbiased	24.213	24.189	-0.024
84	30	LDR-Unbiased	23.544	24.227	0.683
85	30	LDR-Unbiased	24.334	23.043	-1.291
86	30	LDR-Unbiased	23.51	23.144	-0.366
87	100	LDR-Biased	23.583	23.545	-0.038
88	100	LDR-Biased	24.03	23.76	-0.27
90	100	LDR-Biased	23.926	23.763	-0.163
91	100	LDR-Unbiased	23.297	23.658	0.361
93	100	LDR-Unbiased	23.323	23.43	0.107
94	100	LDR-Unbiased	24.017	23.559	-0.458
95	100	LDR-Unbiased	24.011	23.661	-0.35
96	100	LDR-Unbiased	23.315	23.36	0.045
106	50	LDR-Biased	24.032	23.373	-0.659
108	50	LDR-Biased	23.923	23.959	0.036
109	50	LDR-Biased	24.147	23.498	-0.649
110	50	LDR-Biased	23.601	23.234	-0.367
111	50	LDR-Biased	23.32	23.662	0.342
112	50	LDR-Unbiased	23.298	23.917	0.619
113	50	LDR-Unbiased	24.213	23.779	-0.434
115	50	LDR-Unbiased	24.334	22.951	-1.383
116	50	LDR-Unbiased	23.51	23.321	-0.189
117	50	LDR-Unbiased	23.544	23.912	0.368

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.493	23.629	23.765	0.19233	23.493	23.629	23.765	0.19233	0	0	0	0
3	23.298	23.792	24.334	0.38241	23.12	23.648	24.098	0.38135	-1.214	-0.1438	0.602	0.53701
10	23.298	23.792	24.334	0.38241	22.912	23.636	24.115	0.42158	-1.422	-0.1561	0.575	0.59137
30	23.298	23.792	24.334	0.38241	23.043	23.647	24.227	0.44713	-1.291	-0.1456	0.683	0.60011
50	23.298	23.792	24.334	0.38241	22.951	23.561	23.959	0.34026	-1.383	-0.2316	0.619	0.59883
100	23.297	23.688	24.03	0.34277	23.36	23.592	23.763	0.14636	-0.458	-0.09575	0.361	0.26823

Device Test: 5.73 tdly_Res1p18M_SEQ_SU/SEQ_DONE/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





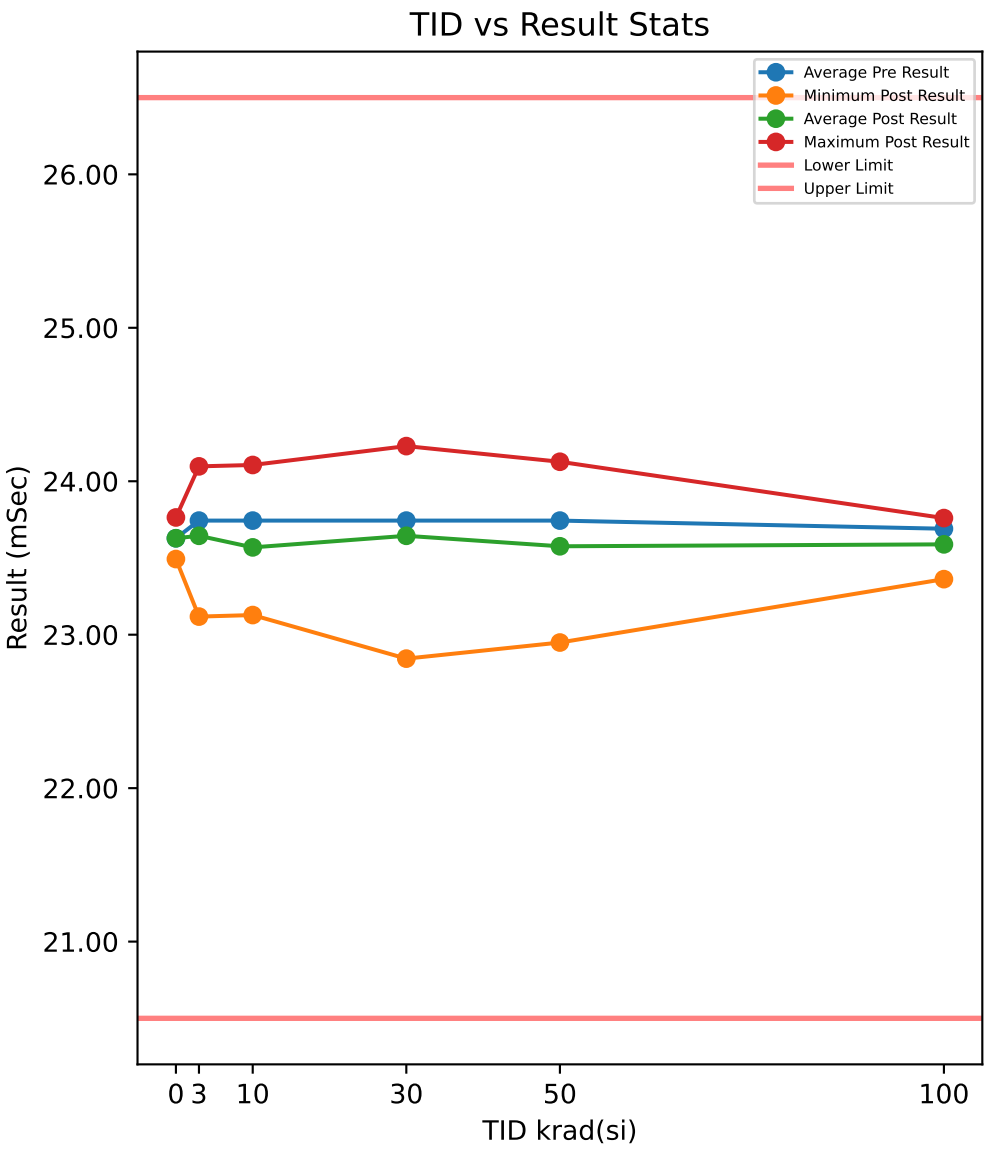
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

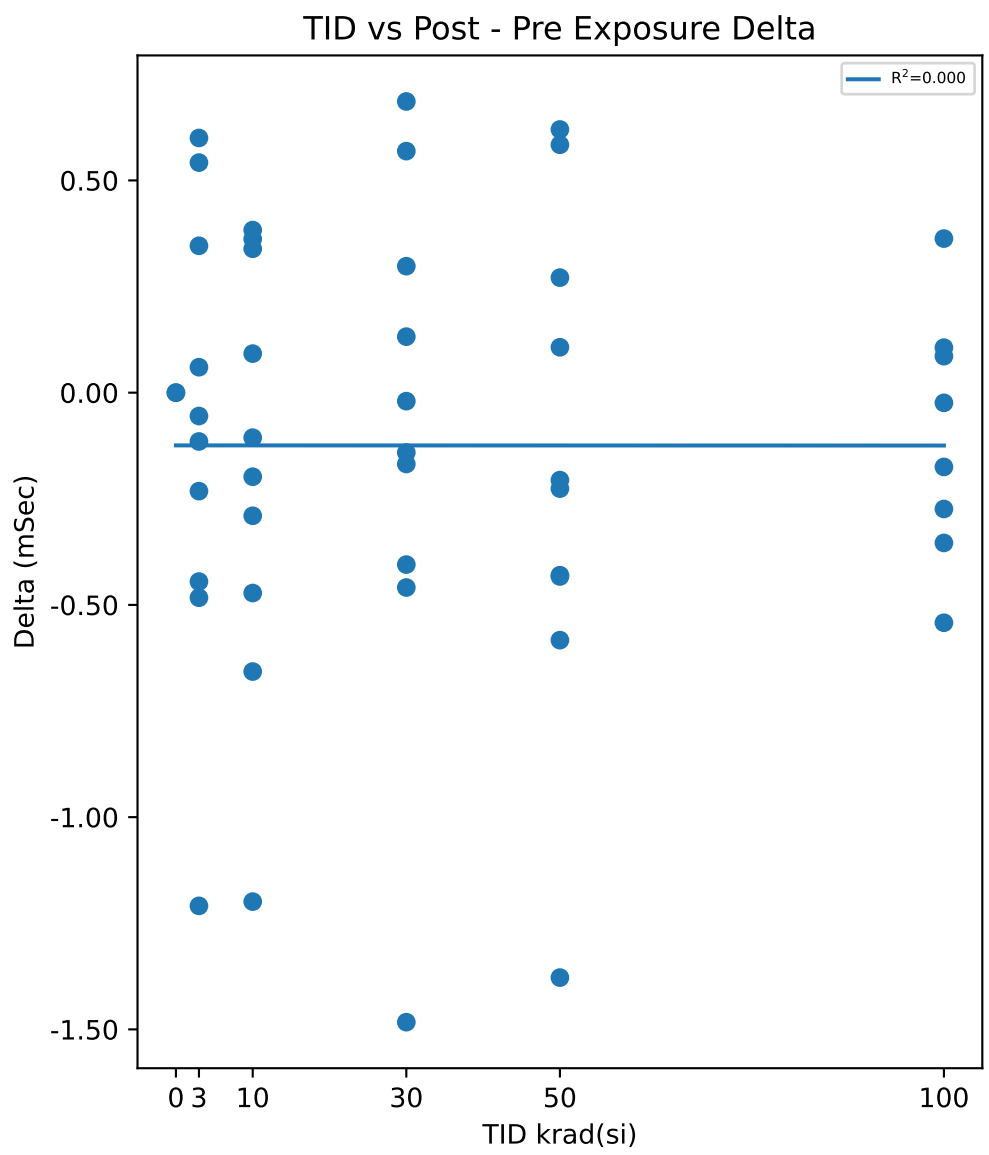
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.765	23.765	0
7	0	Correlation	23.493	23.493	0
16	3	LDR-Biased	24.029	23.343	-0.686
18	3	LDR-Biased	23.925	23.836	-0.089
19	3	LDR-Biased	24.143	23.866	-0.277
20	3	LDR-Biased	23.824	23.343	-0.481
21	3	LDR-Biased	23.096	23.382	0.286
22	3	LDR-Unbiased	23.297	23.9	0.603
23	3	LDR-Unbiased	24.213	24.099	-0.114
25	3	LDR-Unbiased	24.336	23.122	-1.214
26	3	LDR-Unbiased	23.513	23.285	-0.228
27	3	LDR-Unbiased	23.536	23.861	0.325
46	10	LDR-Biased	24.029	23.318	-0.711
48	10	LDR-Biased	23.925	24.091	0.166
49	10	LDR-Biased	24.143	23.842	-0.301
50	10	LDR-Biased	23.824	23.379	-0.445
51	10	LDR-Biased	23.096	23.417	0.321
52	10	LDR-Unbiased	23.297	23.864	0.567
53	10	LDR-Unbiased	24.213	24.118	-0.095
55	10	LDR-Unbiased	24.336	23.125	-1.211
56	10	LDR-Unbiased	23.513	23.328	-0.185
57	10	LDR-Unbiased	23.536	23.892	0.356
76	30	LDR-Biased	24.029	23.162	-0.867
78	30	LDR-Biased	23.925	23.799	-0.126
79	30	LDR-Biased	24.143	23.582	-0.561
80	30	LDR-Biased	23.824	23.354	-0.47
81	30	LDR-Biased	23.096	23.627	0.531
82	30	LDR-Unbiased	23.297	23.865	0.568
83	30	LDR-Unbiased	24.213	24.196	-0.017
84	30	LDR-Unbiased	23.536	24.233	0.697
85	30	LDR-Unbiased	24.336	23.054	-1.282
86	30	LDR-Unbiased	23.513	23.356	-0.157
87	100	LDR-Biased	23.584	23.547	-0.037
88	100	LDR-Biased	24.037	23.762	-0.275
90	100	LDR-Biased	23.689	23.764	0.075
91	100	LDR-Unbiased	23.297	23.661	0.364
93	100	LDR-Unbiased	23.308	23.213	-0.095
94	100	LDR-Unbiased	24.036	23.56	-0.476
95	100	LDR-Unbiased	24.012	23.665	-0.347
96	100	LDR-Unbiased	23.325	23.155	-0.17
106	50	LDR-Biased	24.029	23.362	-0.667
108	50	LDR-Biased	23.925	23.978	0.053
109	50	LDR-Biased	24.143	23.493	-0.65
110	50	LDR-Biased	23.824	23.445	-0.379
111	50	LDR-Biased	23.096	23.452	0.356
112	50	LDR-Unbiased	23.297	23.918	0.621
113	50	LDR-Unbiased	24.213	23.787	-0.426
115	50	LDR-Unbiased	24.336	22.945	-1.391
116	50	LDR-Unbiased	23.513	23.306	-0.207
117	50	LDR-Unbiased	23.536	23.913	0.377

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.493	23.629	23.765	0.19233	23.493	23.629	23.765	0.19233	0	0	0	0
3	23.096	23.791	24.336	0.4142	23.122	23.604	24.099	0.34006	-1.214	-0.1875	0.603	0.52966
10	23.096	23.791	24.336	0.4142	23.125	23.637	24.118	0.36062	-1.211	-0.1538	0.567	0.54224
30	23.096	23.791	24.336	0.4142	23.054	23.623	24.233	0.40436	-1.282	-0.1684	0.697	0.64794
50	23.096	23.791	24.336	0.4142	22.945	23.56	23.978	0.33172	-1.391	-0.2313	0.621	0.60485
100	23.297	23.661	24.037	0.33422	23.155	23.541	23.764	0.23462	-0.476	-0.12012	0.364	0.26311

Device Test: 5.74 tdly_Res1p18M_PWRGD_SU/PWRGD/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





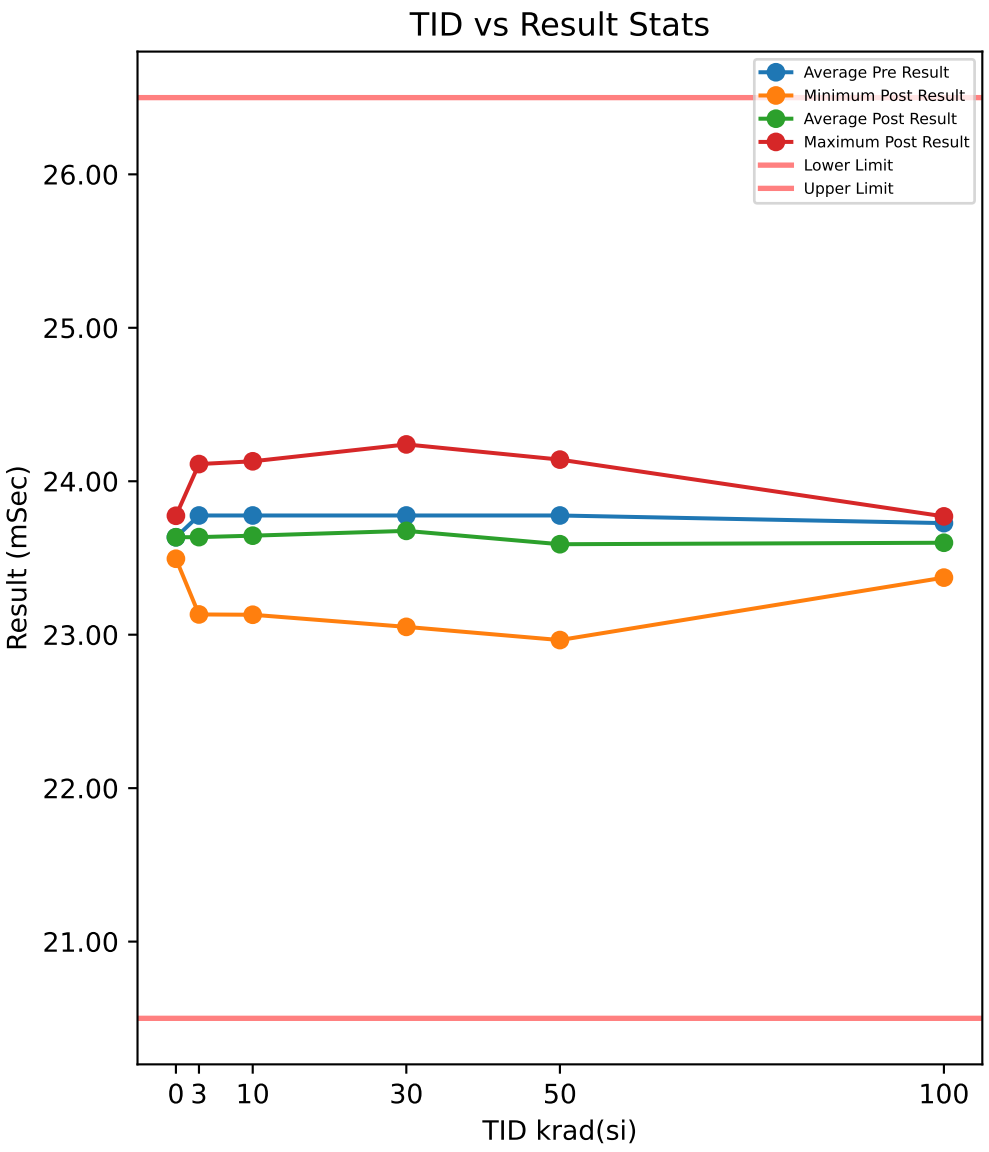
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

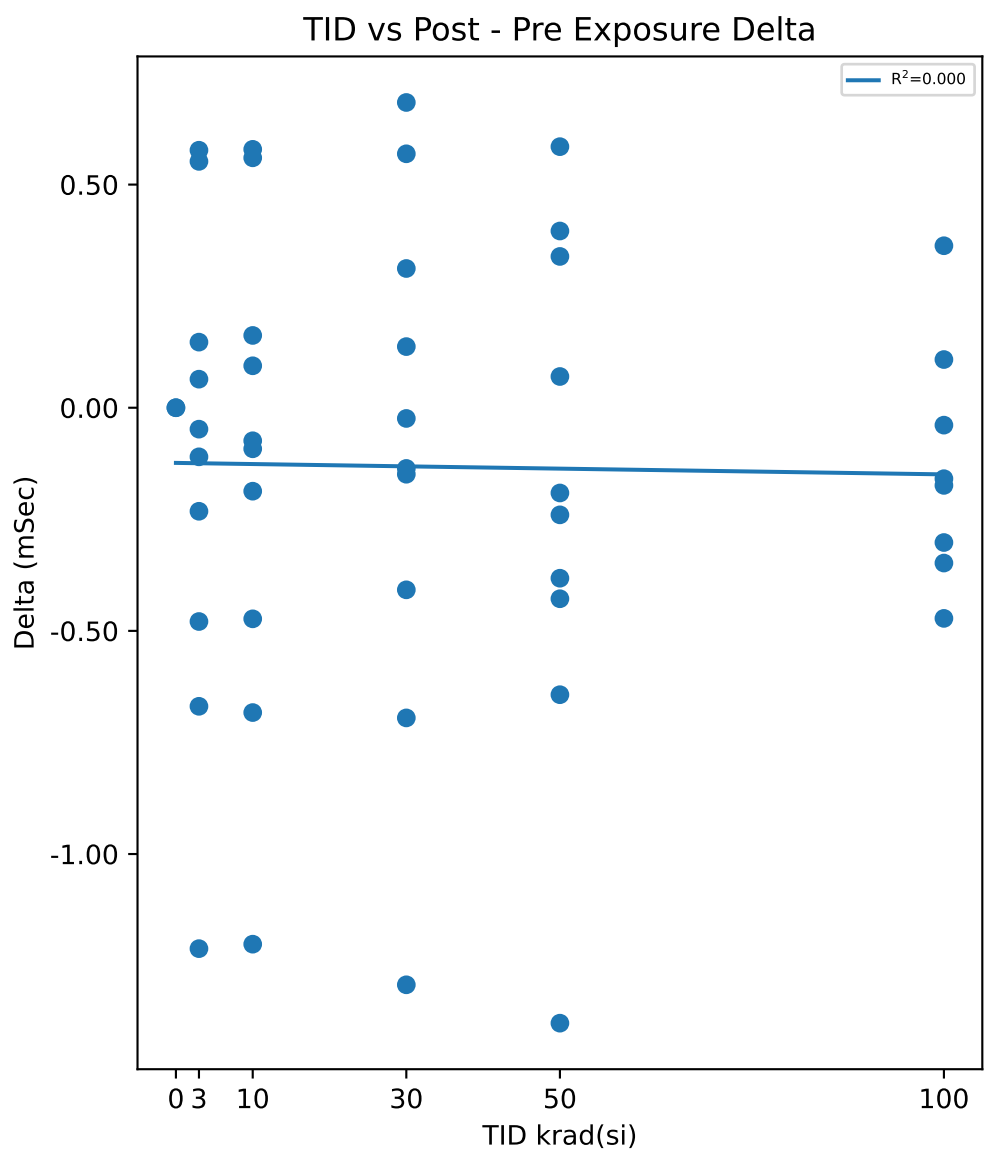
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.764	23.764	0
7	0	Correlation	23.493	23.493	0
16	3	LDR-Biased	23.802	23.357	-0.445
18	3	LDR-Biased	23.699	24.045	0.346
19	3	LDR-Biased	23.916	23.861	-0.055
20	3	LDR-Biased	23.818	23.335	-0.483
21	3	LDR-Biased	23.317	23.377	0.06
22	3	LDR-Unbiased	23.294	23.894	0.6
23	3	LDR-Unbiased	24.212	24.097	-0.115
25	3	LDR-Unbiased	24.327	23.118	-1.209
26	3	LDR-Unbiased	23.508	23.276	-0.232
27	3	LDR-Unbiased	23.543	24.085	0.542
46	10	LDR-Biased	23.802	23.33	-0.472
48	10	LDR-Biased	23.699	24.082	0.383
49	10	LDR-Biased	23.916	23.626	-0.29
50	10	LDR-Biased	23.818	23.161	-0.657
51	10	LDR-Biased	23.317	23.409	0.092
52	10	LDR-Unbiased	23.294	23.656	0.362
53	10	LDR-Unbiased	24.212	24.106	-0.106
55	10	LDR-Unbiased	24.327	23.128	-1.199
56	10	LDR-Unbiased	23.508	23.31	-0.198
57	10	LDR-Unbiased	23.543	23.882	0.339
76	30	LDR-Biased	23.802	23.397	-0.405
78	30	LDR-Biased	23.699	23.831	0.132
79	30	LDR-Biased	23.916	23.775	-0.141
80	30	LDR-Biased	23.818	23.359	-0.459
81	30	LDR-Biased	23.317	23.615	0.298
82	30	LDR-Unbiased	23.294	23.863	0.569
83	30	LDR-Unbiased	24.212	24.192	-0.02
84	30	LDR-Unbiased	23.543	24.229	0.686
85	30	LDR-Unbiased	24.327	22.844	-1.483
86	30	LDR-Unbiased	23.508	23.34	-0.168
87	100	LDR-Biased	23.567	23.543	-0.024
88	100	LDR-Biased	24.031	23.757	-0.274
90	100	LDR-Biased	23.674	23.76	0.086
91	100	LDR-Unbiased	23.295	23.658	0.363
93	100	LDR-Unbiased	23.319	23.425	0.106
94	100	LDR-Unbiased	24.096	23.554	-0.542
95	100	LDR-Unbiased	24.005	23.651	-0.354
96	100	LDR-Unbiased	23.537	23.362	-0.175
106	50	LDR-Biased	23.802	23.372	-0.43
108	50	LDR-Biased	23.699	23.97	0.271
109	50	LDR-Biased	23.916	23.69	-0.226
110	50	LDR-Biased	23.818	23.235	-0.583
111	50	LDR-Biased	23.317	23.424	0.107
112	50	LDR-Unbiased	23.294	23.914	0.62
113	50	LDR-Unbiased	24.212	23.779	-0.433
115	50	LDR-Unbiased	24.327	22.949	-1.378
116	50	LDR-Unbiased	23.508	23.302	-0.206
117	50	LDR-Unbiased	23.543	24.127	0.584

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.493	23.628	23.764	0.19163	23.493	23.628	23.764	0.19163	0	0	0	0
3	23.294	23.744	24.327	0.34646	23.118	23.645	24.097	0.38461	-1.209	-0.0991	0.6	0.5418
10	23.294	23.744	24.327	0.34646	23.128	23.569	24.106	0.36072	-1.199	-0.1746	0.383	0.50803
30	23.294	23.744	24.327	0.34646	22.844	23.645	24.229	0.42402	-1.483	-0.0991	0.686	0.61688
50	23.294	23.744	24.327	0.34646	22.949	23.576	24.127	0.37661	-1.378	-0.1674	0.62	0.59952
100	23.295	23.691	24.096	0.31911	23.362	23.589	23.76	0.14533	-0.542	-0.10175	0.363	0.29104

Device Test: 5.75 tdly_Res1p18M_EN1_SD/EN1/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





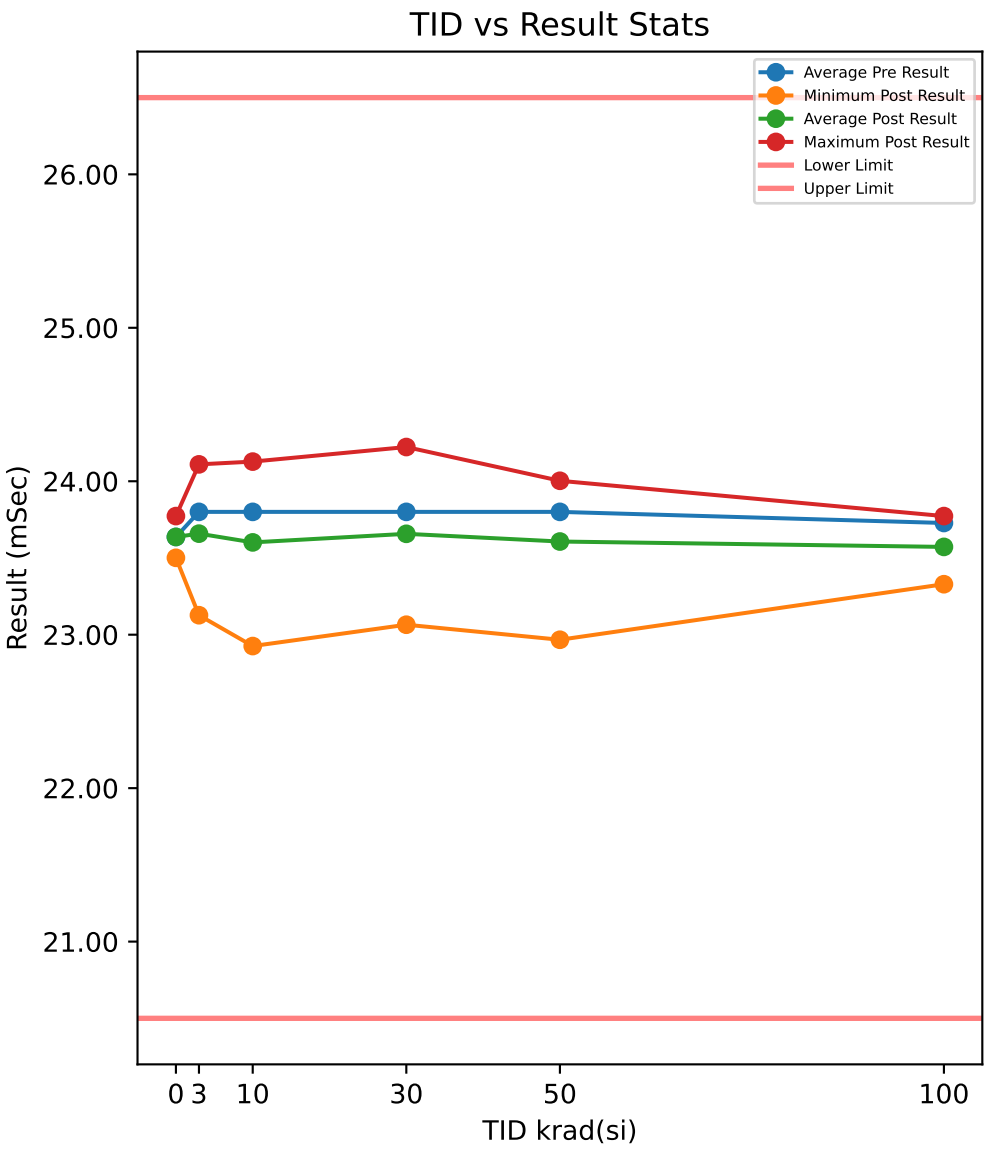
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

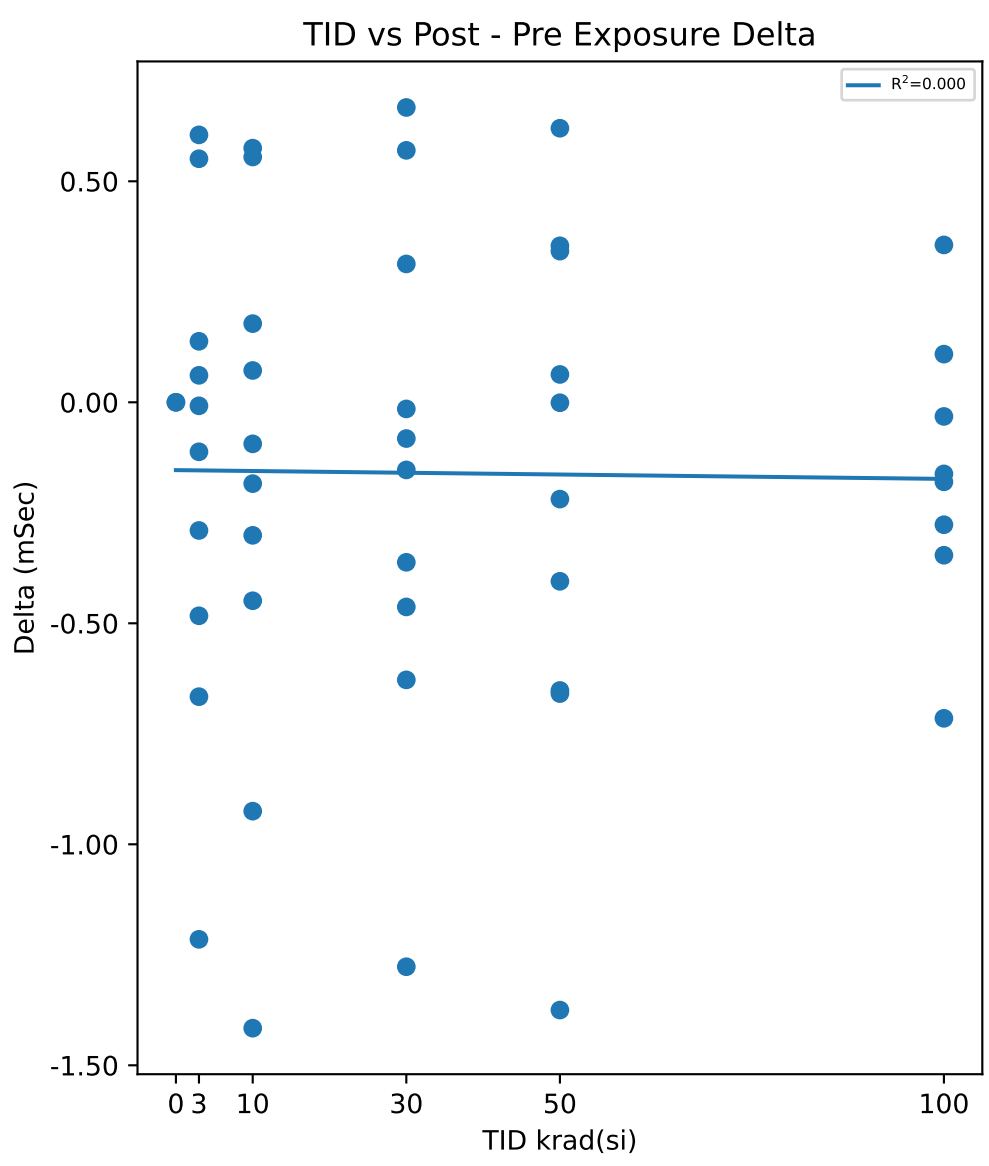
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.775	23.775	0
7	0	Correlation	23.495	23.495	0
16	3	LDR-Biased	23.813	23.144	-0.669
18	3	LDR-Biased	23.913	24.06	0.147
19	3	LDR-Biased	23.926	23.878	-0.048
20	3	LDR-Biased	23.836	23.357	-0.479
21	3	LDR-Biased	23.331	23.395	0.064
22	3	LDR-Unbiased	23.307	23.884	0.577
23	3	LDR-Unbiased	24.222	24.112	-0.11
25	3	LDR-Unbiased	24.344	23.132	-1.212
26	3	LDR-Unbiased	23.521	23.289	-0.232
27	3	LDR-Unbiased	23.556	24.108	0.552
46	10	LDR-Biased	23.813	23.13	-0.683
48	10	LDR-Biased	23.913	24.075	0.162
49	10	LDR-Biased	23.926	23.852	-0.074
50	10	LDR-Biased	23.836	23.363	-0.473
51	10	LDR-Biased	23.331	23.425	0.094
52	10	LDR-Unbiased	23.307	23.886	0.579
53	10	LDR-Unbiased	24.222	24.13	-0.092
55	10	LDR-Unbiased	24.344	23.142	-1.202
56	10	LDR-Unbiased	23.521	23.334	-0.187
57	10	LDR-Unbiased	23.556	24.116	0.56
76	30	LDR-Biased	23.813	23.405	-0.408
78	30	LDR-Biased	23.913	24.05	0.137
79	30	LDR-Biased	23.926	23.79	-0.136
80	30	LDR-Biased	23.836	23.141	-0.695
81	30	LDR-Biased	23.331	23.643	0.312
82	30	LDR-Unbiased	23.307	23.876	0.569
83	30	LDR-Unbiased	24.222	24.198	-0.024
84	30	LDR-Unbiased	23.556	24.24	0.684
85	30	LDR-Unbiased	24.344	23.051	-1.293
86	30	LDR-Unbiased	23.521	23.372	-0.149
87	100	LDR-Biased	23.593	23.554	-0.039
88	100	LDR-Biased	24.046	23.744	-0.302
90	100	LDR-Biased	23.93	23.771	-0.159
91	100	LDR-Unbiased	23.305	23.668	0.363
93	100	LDR-Unbiased	23.334	23.442	0.108
94	100	LDR-Unbiased	24.043	23.571	-0.472
95	100	LDR-Unbiased	24.02	23.672	-0.348
96	100	LDR-Unbiased	23.546	23.372	-0.174
106	50	LDR-Biased	23.813	23.17	-0.643
108	50	LDR-Biased	23.913	23.983	0.07
109	50	LDR-Biased	23.926	23.498	-0.428
110	50	LDR-Biased	23.836	23.454	-0.382
111	50	LDR-Biased	23.331	23.67	0.339
112	50	LDR-Unbiased	23.307	23.703	0.396
113	50	LDR-Unbiased	24.222	23.982	-0.24
115	50	LDR-Unbiased	24.344	22.965	-1.379
116	50	LDR-Unbiased	23.521	23.33	-0.191
117	50	LDR-Unbiased	23.556	24.141	0.585

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.495	23.635	23.775	0.19799	23.495	23.635	23.775	0.19799	0	0	0	0
3	23.307	23.777	24.344	0.34947	23.132	23.636	24.112	0.40847	-1.212	-0.141	0.577	0.54556
10	23.307	23.777	24.344	0.34947	23.13	23.645	24.13	0.40631	-1.202	-0.1316	0.579	0.54718
30	23.307	23.777	24.344	0.34947	23.051	23.677	24.24	0.42521	-1.293	-0.1003	0.684	0.59346
50	23.307	23.777	24.344	0.34947	22.965	23.59	24.141	0.37896	-1.379	-0.1873	0.585	0.57796
100	23.305	23.727	24.046	0.31891	23.372	23.599	23.771	0.14126	-0.472	-0.12787	0.363	0.26854

Device Test: 5.76 tdly_Res1p18M_EN2_SD/EN2/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





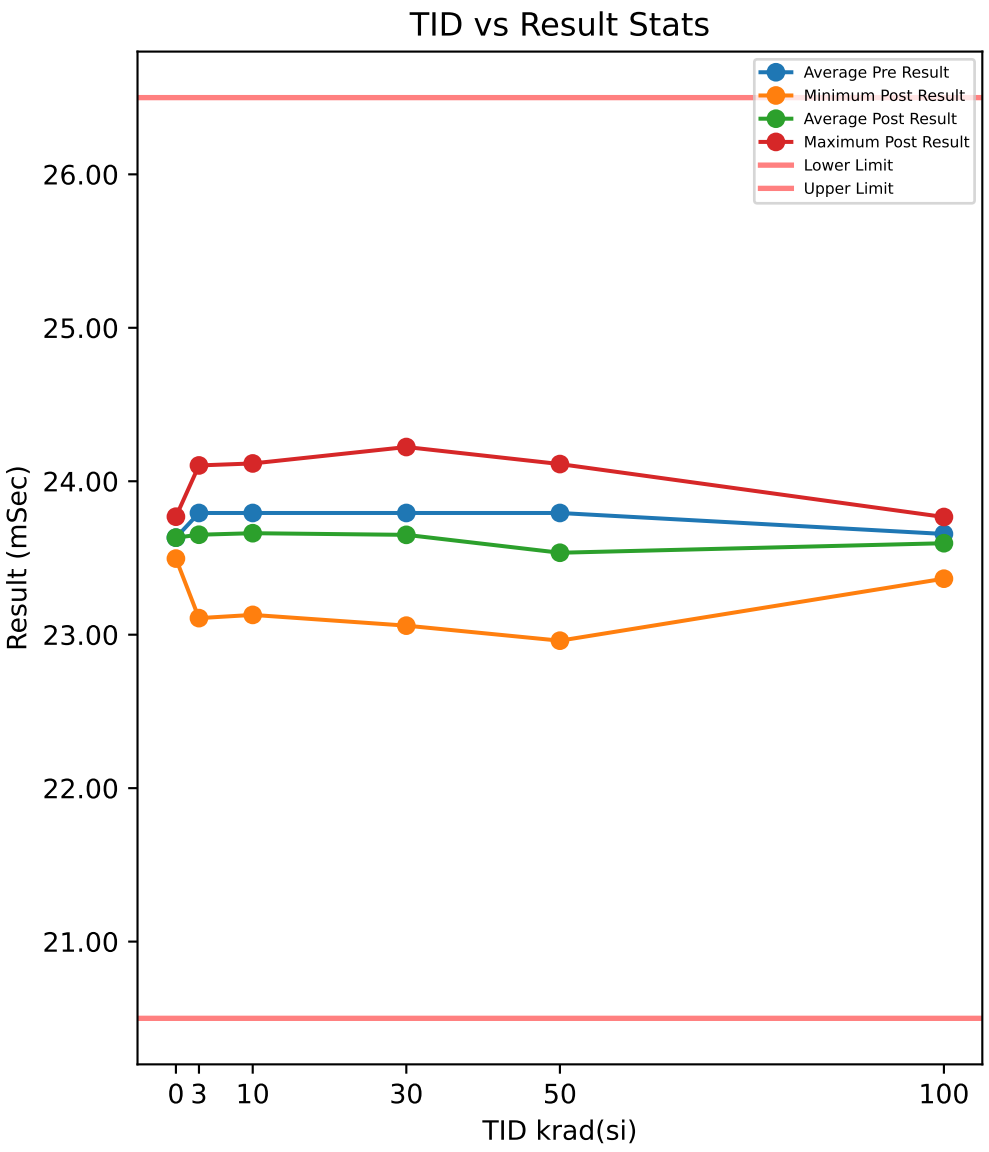
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

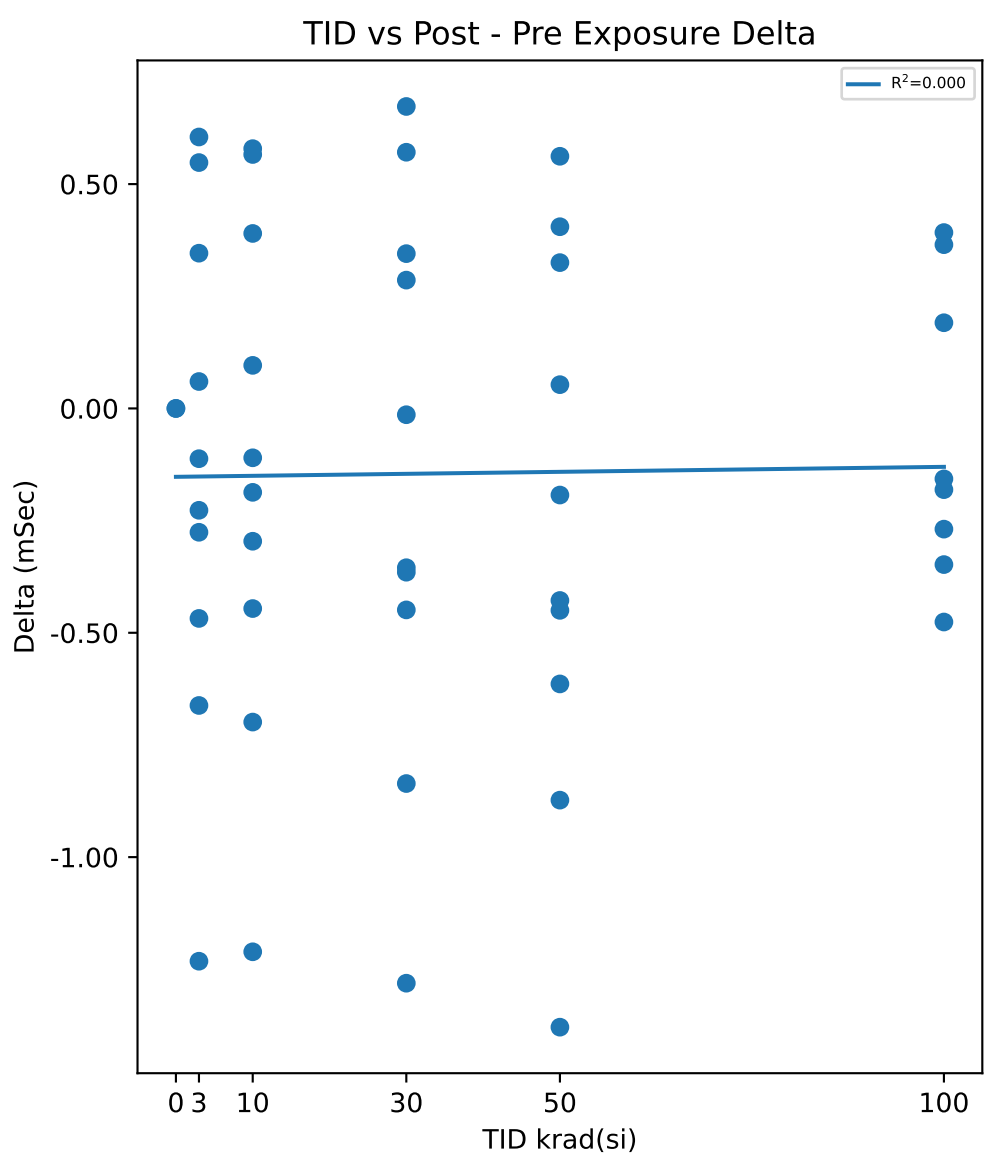
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.773	23.773	0
7	0	Correlation	23.501	23.501	0
16	3	LDR-Biased	24.036	23.37	-0.666
18	3	LDR-Biased	23.921	24.059	0.138
19	3	LDR-Biased	24.153	23.863	-0.29
20	3	LDR-Biased	23.836	23.353	-0.483
21	3	LDR-Biased	23.33	23.391	0.061
22	3	LDR-Unbiased	23.306	23.911	0.605
23	3	LDR-Unbiased	24.222	24.11	-0.112
25	3	LDR-Unbiased	24.342	23.127	-1.215
26	3	LDR-Unbiased	23.302	23.294	-0.008
27	3	LDR-Unbiased	23.556	24.107	0.551
46	10	LDR-Biased	24.036	23.111	-0.925
48	10	LDR-Biased	23.921	24.099	0.178
49	10	LDR-Biased	24.153	23.852	-0.301
50	10	LDR-Biased	23.836	23.387	-0.449
51	10	LDR-Biased	23.33	23.402	0.072
52	10	LDR-Unbiased	23.306	23.881	0.575
53	10	LDR-Unbiased	24.222	24.128	-0.094
55	10	LDR-Unbiased	24.342	22.926	-1.416
56	10	LDR-Unbiased	23.302	23.118	-0.184
57	10	LDR-Unbiased	23.556	24.111	0.555
76	30	LDR-Biased	24.036	23.408	-0.628
78	30	LDR-Biased	23.921	23.839	-0.082
79	30	LDR-Biased	24.153	23.791	-0.362
80	30	LDR-Biased	23.836	23.373	-0.463
81	30	LDR-Biased	23.33	23.643	0.313
82	30	LDR-Unbiased	23.306	23.876	0.57
83	30	LDR-Unbiased	24.222	24.207	-0.015
84	30	LDR-Unbiased	23.556	24.223	0.667
85	30	LDR-Unbiased	24.342	23.065	-1.277
86	30	LDR-Unbiased	23.302	23.149	-0.153
87	100	LDR-Biased	23.585	23.553	-0.032
88	100	LDR-Biased	24.046	23.769	-0.277
90	100	LDR-Biased	23.935	23.773	-0.162
91	100	LDR-Unbiased	23.306	23.662	0.356
93	100	LDR-Unbiased	23.335	23.444	0.109
94	100	LDR-Unbiased	24.044	23.329	-0.715
95	100	LDR-Unbiased	24.019	23.673	-0.346
96	100	LDR-Unbiased	23.554	23.374	-0.18
106	50	LDR-Biased	24.036	23.384	-0.652
108	50	LDR-Biased	23.921	23.984	0.063
109	50	LDR-Biased	24.153	23.494	-0.659
110	50	LDR-Biased	23.836	23.431	-0.405
111	50	LDR-Biased	23.33	23.672	0.342
112	50	LDR-Unbiased	23.306	23.926	0.62
113	50	LDR-Unbiased	24.222	24.003	-0.219
115	50	LDR-Unbiased	24.342	22.967	-1.375
116	50	LDR-Unbiased	23.302	23.301	-0.001
117	50	LDR-Unbiased	23.556	23.91	0.354

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.501	23.637	23.773	0.19233	23.501	23.637	23.773	0.19233	0	0	0	0
3	23.302	23.8	24.342	0.40008	23.127	23.659	24.11	0.38506	-1.215	-0.1419	0.605	0.55185
10	23.302	23.8	24.342	0.40008	22.926	23.601	24.128	0.46448	-1.416	-0.1989	0.575	0.62142
30	23.302	23.8	24.342	0.40008	23.065	23.657	24.223	0.4046	-1.277	-0.143	0.667	0.58349
50	23.302	23.8	24.342	0.40008	22.967	23.607	24.003	0.34856	-1.375	-0.1932	0.62	0.59809
100	23.306	23.728	24.046	0.31887	23.329	23.572	23.773	0.17424	-0.715	-0.15588	0.356	0.31883

Device Test: 5.77 tdly_Res1p18M_EN3_SD/EN3/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





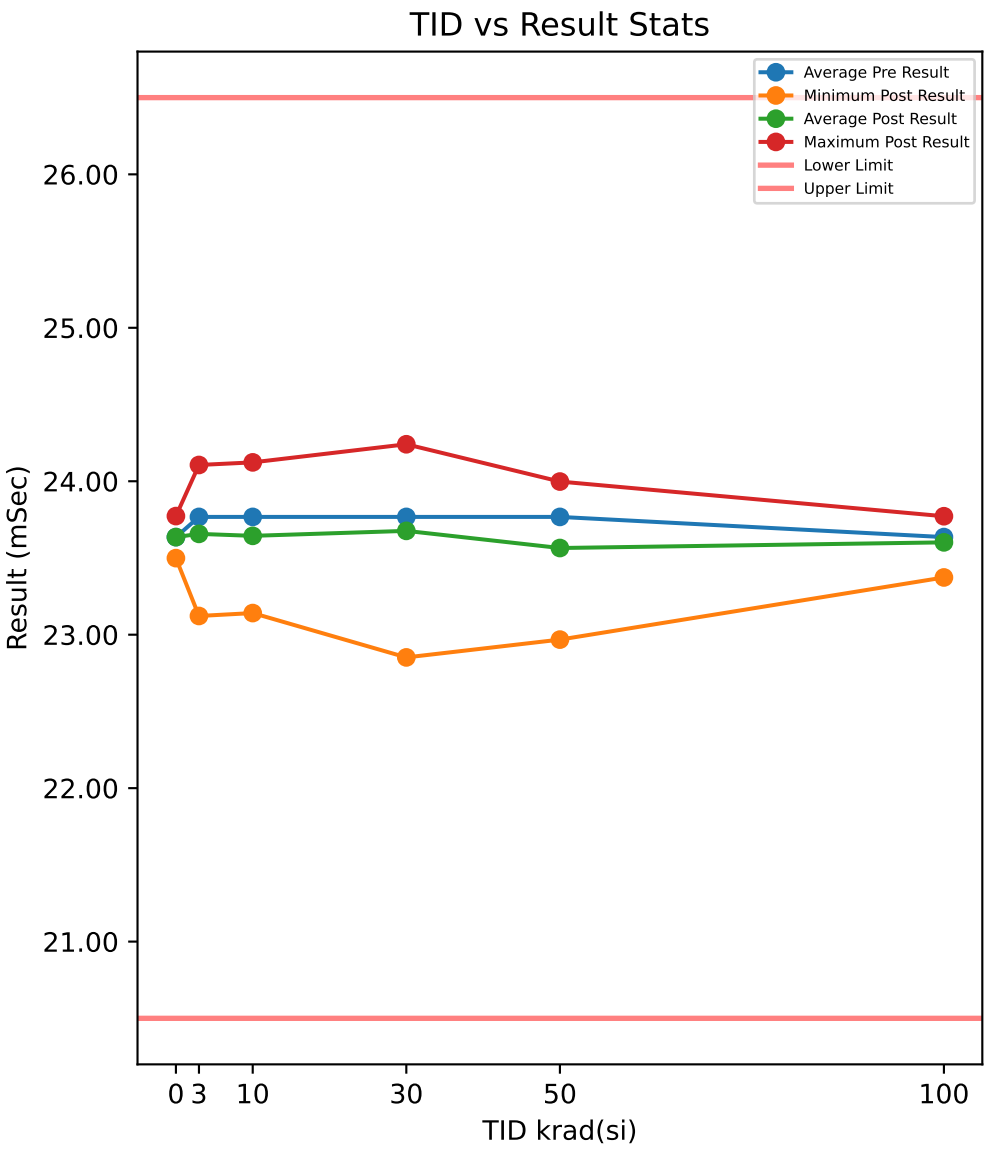
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

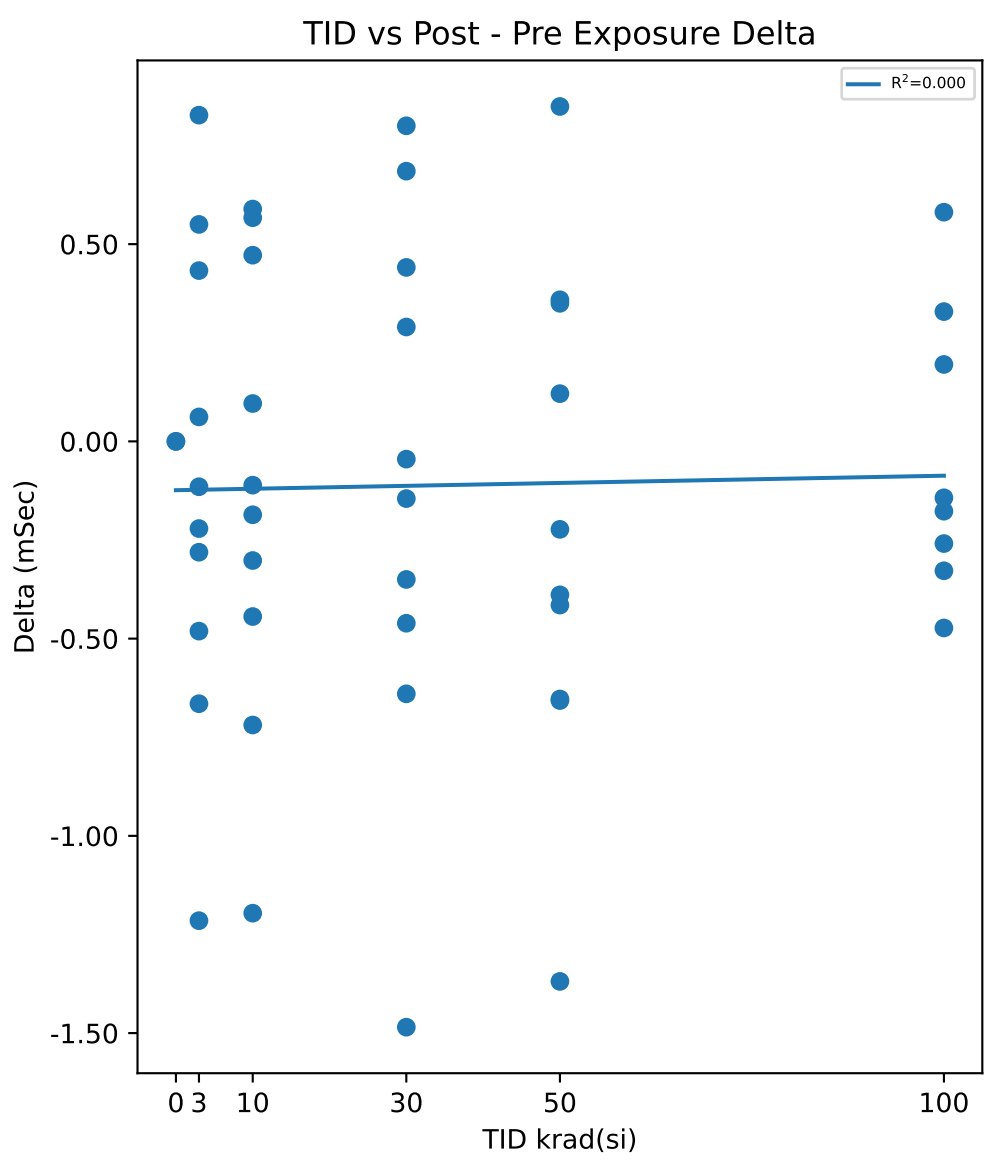
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.769	23.769	0
7	0	Correlation	23.496	23.496	0
16	3	LDR-Biased	24.027	23.365	-0.662
18	3	LDR-Biased	23.704	24.05	0.346
19	3	LDR-Biased	24.142	23.866	-0.276
20	3	LDR-Biased	23.813	23.345	-0.468
21	3	LDR-Biased	23.326	23.386	0.06
22	3	LDR-Unbiased	23.298	23.903	0.605
23	3	LDR-Unbiased	24.215	24.103	-0.112
25	3	LDR-Unbiased	24.34	23.108	-1.232
26	3	LDR-Unbiased	23.517	23.29	-0.227
27	3	LDR-Unbiased	23.55	24.098	0.548
46	10	LDR-Biased	24.027	23.328	-0.699
48	10	LDR-Biased	23.704	24.094	0.39
49	10	LDR-Biased	24.142	23.846	-0.296
50	10	LDR-Biased	23.813	23.367	-0.446
51	10	LDR-Biased	23.326	23.422	0.096
52	10	LDR-Unbiased	23.298	23.877	0.579
53	10	LDR-Unbiased	24.215	24.105	-0.11
55	10	LDR-Unbiased	24.34	23.129	-1.211
56	10	LDR-Unbiased	23.517	23.33	-0.187
57	10	LDR-Unbiased	23.55	24.116	0.566
76	30	LDR-Biased	24.027	23.191	-0.836
78	30	LDR-Biased	23.704	24.049	0.345
79	30	LDR-Biased	24.142	23.787	-0.355
80	30	LDR-Biased	23.813	23.364	-0.449
81	30	LDR-Biased	23.326	23.612	0.286
82	30	LDR-Unbiased	23.298	23.869	0.571
83	30	LDR-Unbiased	24.215	24.201	-0.014
84	30	LDR-Unbiased	23.55	24.223	0.673
85	30	LDR-Unbiased	24.34	23.059	-1.281
86	30	LDR-Unbiased	23.517	23.152	-0.365
87	100	LDR-Biased	23.355	23.546	0.191
88	100	LDR-Biased	24.034	23.765	-0.269
90	100	LDR-Biased	23.924	23.767	-0.157
91	100	LDR-Unbiased	23.3	23.665	0.365
93	100	LDR-Unbiased	23.044	23.436	0.392
94	100	LDR-Unbiased	24.037	23.561	-0.476
95	100	LDR-Unbiased	24.012	23.664	-0.348
96	100	LDR-Unbiased	23.546	23.365	-0.181
106	50	LDR-Biased	24.027	23.154	-0.873
108	50	LDR-Biased	23.704	23.757	0.053
109	50	LDR-Biased	24.142	23.692	-0.45
110	50	LDR-Biased	23.813	23.199	-0.614
111	50	LDR-Biased	23.326	23.651	0.325
112	50	LDR-Unbiased	23.298	23.703	0.405
113	50	LDR-Unbiased	24.215	23.787	-0.428
115	50	LDR-Unbiased	24.34	22.961	-1.379
116	50	LDR-Unbiased	23.517	23.324	-0.193
117	50	LDR-Unbiased	23.55	24.112	0.562

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.496	23.633	23.769	0.19304	23.496	23.633	23.769	0.19304	0	0	0	0
3	23.298	23.793	24.34	0.37424	23.108	23.651	24.103	0.38642	-1.232	-0.1418	0.605	0.56803
10	23.298	23.793	24.34	0.37424	23.129	23.661	24.116	0.38291	-1.211	-0.1318	0.579	0.57076
30	23.298	23.793	24.34	0.37424	23.059	23.651	24.223	0.44084	-1.281	-0.1425	0.673	0.63049
50	23.298	23.793	24.34	0.37424	22.961	23.534	24.112	0.35654	-1.379	-0.2592	0.562	0.61284
100	23.044	23.657	24.037	0.39471	23.365	23.596	23.767	0.14632	-0.476	-0.060375	0.392	0.33202

Device Test: 5.78 tdly_Res1p18M_EN4_SD/EN4/1.6/3/1.18M/0/0/@DLY_TMR_1MOHM





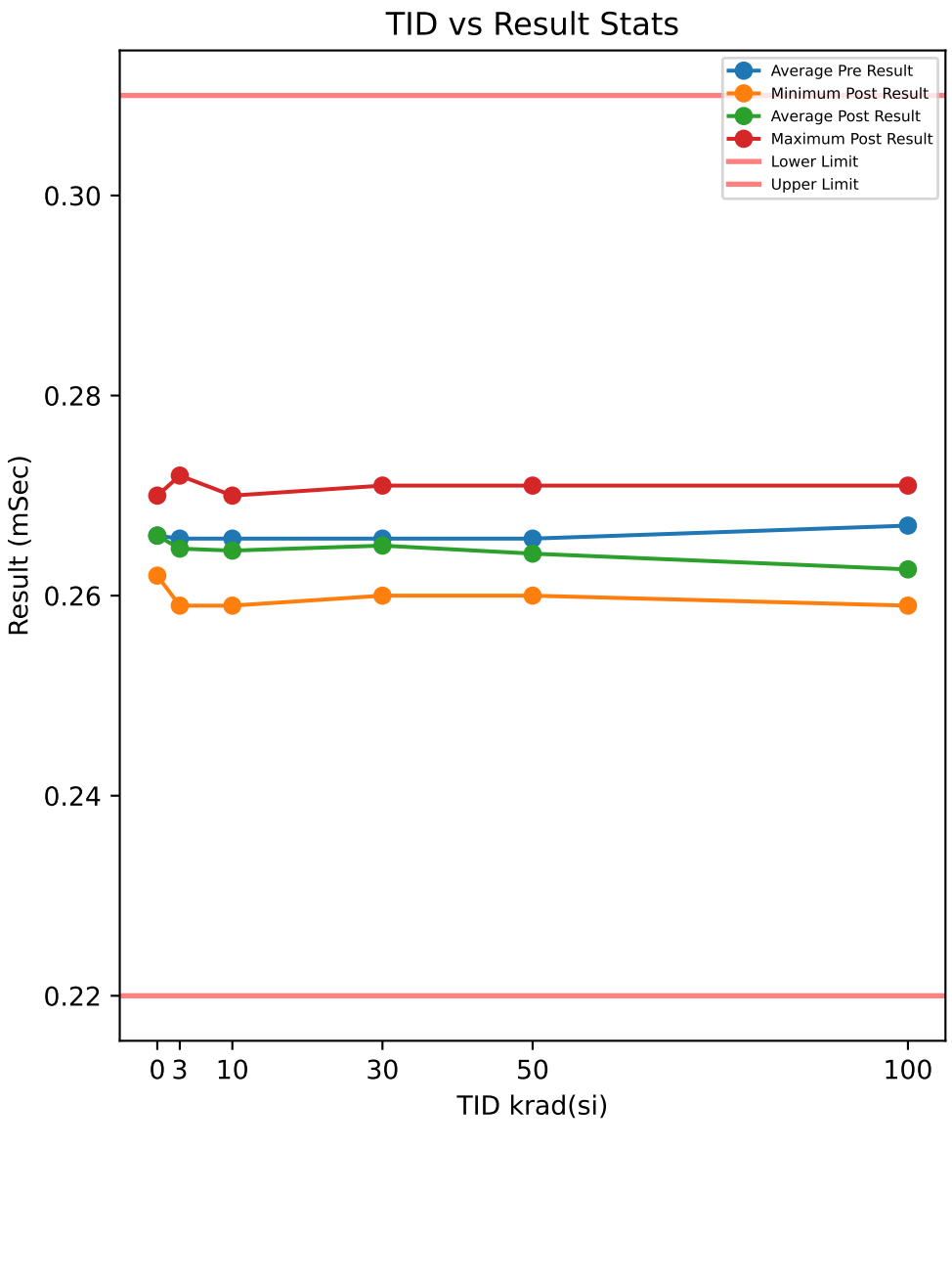
Test Results (Lower Limit = 20.5, Upper Limit = 26.5 (mSec))

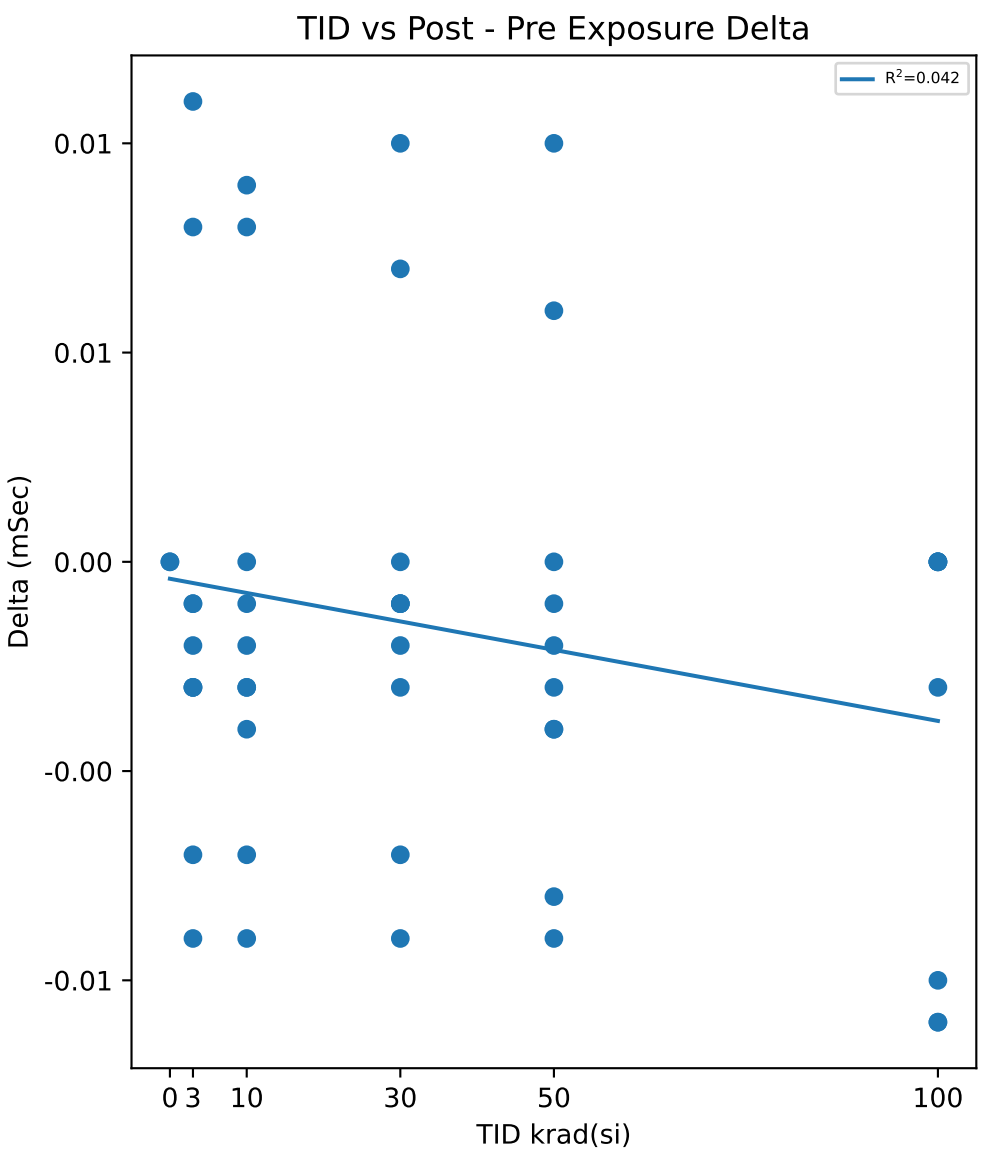
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	23.773	23.773	0
7	0	Correlation	23.499	23.499	0
16	3	LDR-Biased	24.034	23.369	-0.665
18	3	LDR-Biased	23.624	24.057	0.433
19	3	LDR-Biased	24.153	23.872	-0.281
20	3	LDR-Biased	23.831	23.35	-0.481
21	3	LDR-Biased	23.329	23.391	0.062
22	3	LDR-Unbiased	23.076	23.903	0.827
23	3	LDR-Unbiased	24.221	24.106	-0.115
25	3	LDR-Unbiased	24.337	23.122	-1.215
26	3	LDR-Unbiased	23.515	23.294	-0.221
27	3	LDR-Unbiased	23.556	24.106	0.55
46	10	LDR-Biased	24.034	23.315	-0.719
48	10	LDR-Biased	23.624	24.096	0.472
49	10	LDR-Biased	24.153	23.851	-0.302
50	10	LDR-Biased	23.831	23.387	-0.444
51	10	LDR-Biased	23.329	23.425	0.096
52	10	LDR-Unbiased	23.076	23.665	0.589
53	10	LDR-Unbiased	24.221	24.11	-0.111
55	10	LDR-Unbiased	24.337	23.141	-1.196
56	10	LDR-Unbiased	23.515	23.329	-0.186
57	10	LDR-Unbiased	23.556	24.123	0.567
76	30	LDR-Biased	24.034	23.394	-0.64
78	30	LDR-Biased	23.624	24.065	0.441
79	30	LDR-Biased	24.153	23.803	-0.35
80	30	LDR-Biased	23.831	23.37	-0.461
81	30	LDR-Biased	23.329	23.619	0.29
82	30	LDR-Unbiased	23.076	23.876	0.8
83	30	LDR-Unbiased	24.221	24.176	-0.045
84	30	LDR-Unbiased	23.556	24.241	0.685
85	30	LDR-Unbiased	24.337	22.852	-1.485
86	30	LDR-Unbiased	23.515	23.37	-0.145
87	100	LDR-Biased	23.357	23.552	0.195
88	100	LDR-Biased	24.029	23.77	-0.259
90	100	LDR-Biased	23.915	23.772	-0.143
91	100	LDR-Unbiased	23.087	23.668	0.581
93	100	LDR-Unbiased	23.112	23.441	0.329
94	100	LDR-Unbiased	24.043	23.57	-0.473
95	100	LDR-Unbiased	23.996	23.668	-0.328
96	100	LDR-Unbiased	23.55	23.373	-0.177
106	50	LDR-Biased	24.034	23.381	-0.653
108	50	LDR-Biased	23.624	23.983	0.359
109	50	LDR-Biased	24.153	23.496	-0.657
110	50	LDR-Biased	23.831	23.442	-0.389
111	50	LDR-Biased	23.329	23.45	0.121
112	50	LDR-Unbiased	23.076	23.925	0.849
113	50	LDR-Unbiased	24.221	23.998	-0.223
115	50	LDR-Unbiased	24.337	22.968	-1.369
116	50	LDR-Unbiased	23.515	23.1	-0.415
117	50	LDR-Unbiased	23.556	23.906	0.35

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	23.499	23.636	23.773	0.19375	23.499	23.636	23.773	0.19375	0	0	0	0
3	23.076	23.768	24.337	0.41542	23.122	23.657	24.106	0.38527	-1.215	-0.1106	0.827	0.60976
10	23.076	23.768	24.337	0.41542	23.141	23.644	24.123	0.37545	-1.196	-0.1234	0.589	0.5803
30	23.076	23.768	24.337	0.41542	22.852	23.677	24.241	0.43789	-1.485	-0.091	0.8	0.68944
50	23.076	23.768	24.337	0.41542	22.968	23.565	23.998	0.37233	-1.369	-0.2027	0.849	0.63957
100	23.087	23.636	24.043	0.41209	23.373	23.602	23.772	0.14527	-0.473	-0.034375	0.581	0.36343

Device Test: 5.79 tdly_Res10p5K_EN1_SU/EN1/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





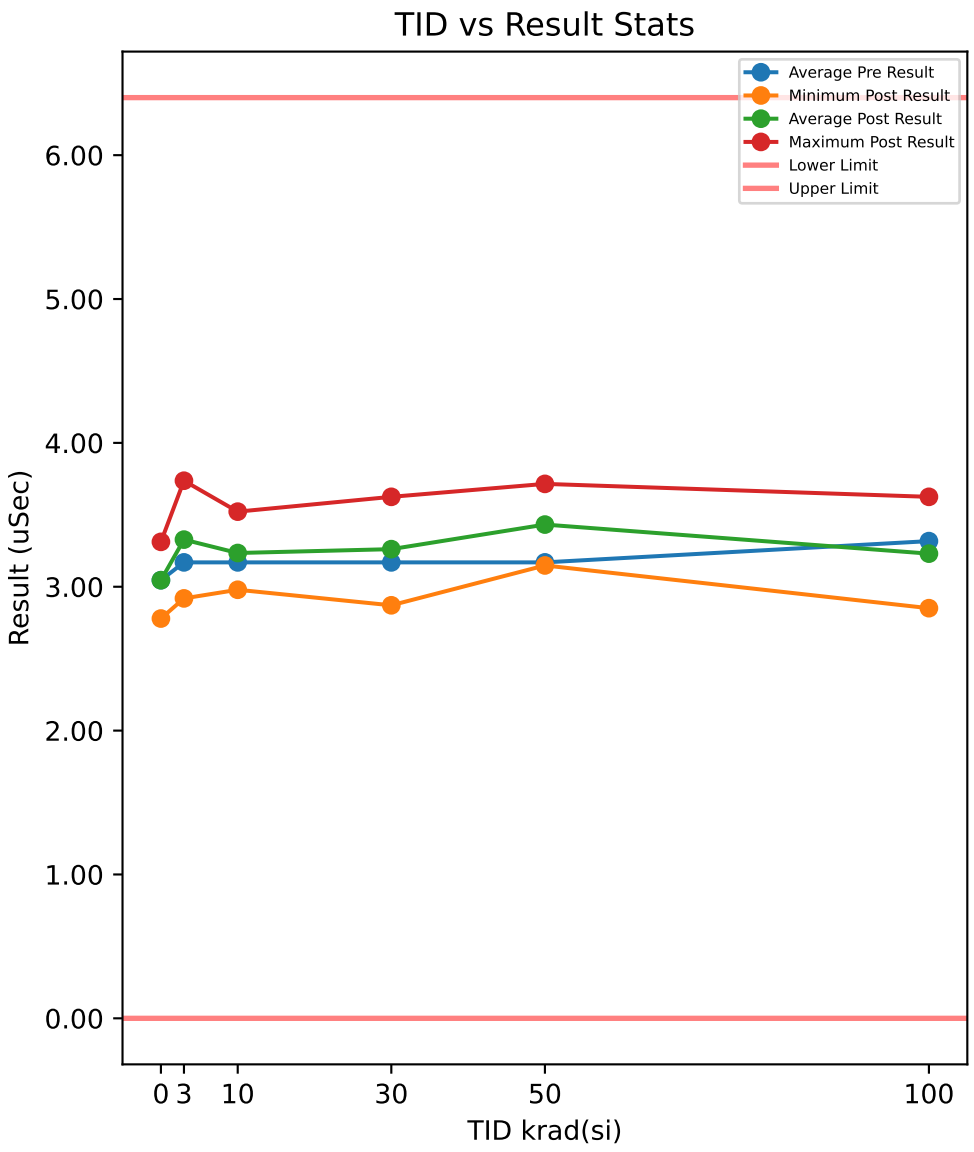
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

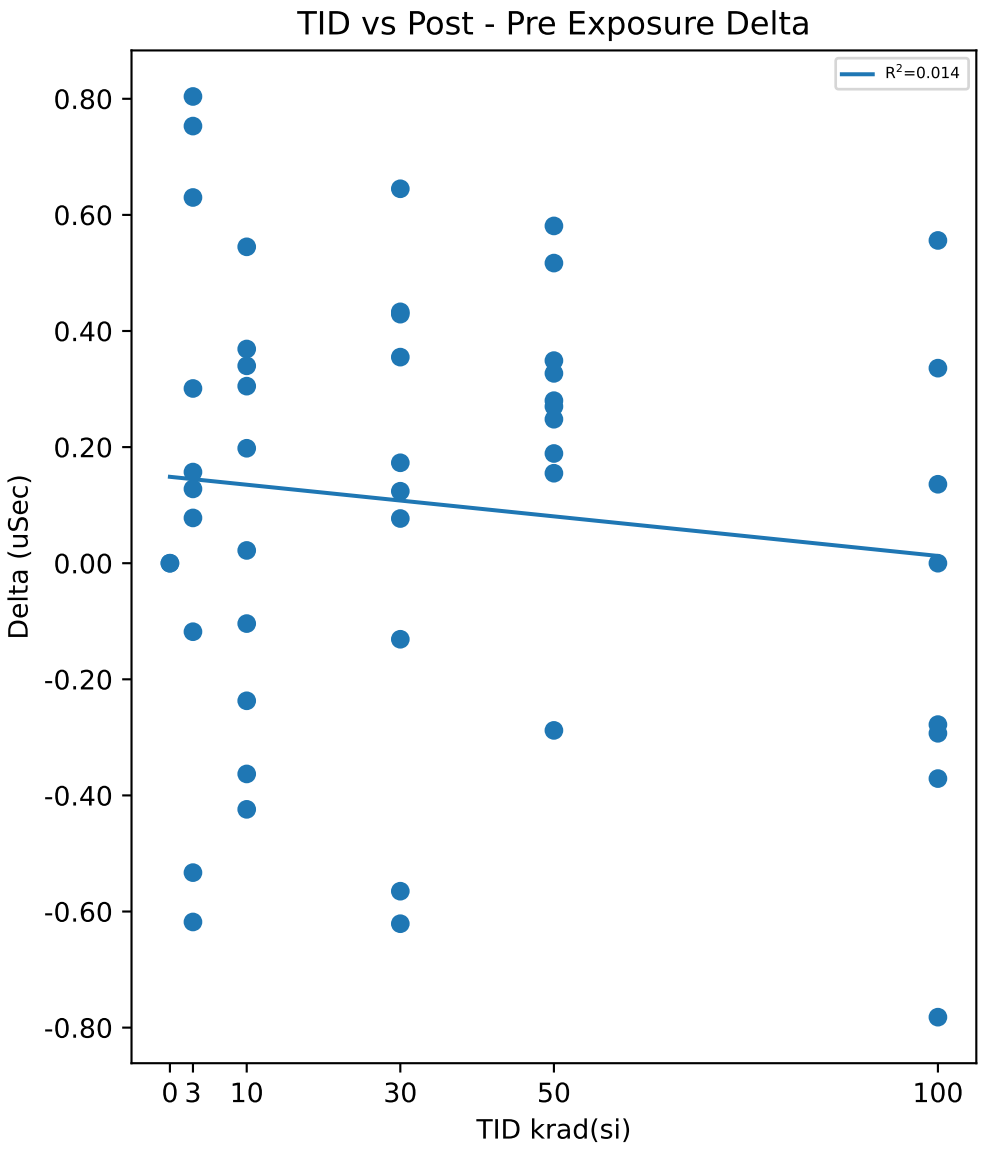
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.27	0.268	-0.002
19	3	LDR-Biased	0.264	0.261	-0.003
20	3	LDR-Biased	0.269	0.262	-0.007
21	3	LDR-Biased	0.261	0.26	-0.001
22	3	LDR-Unbiased	0.262	0.27	0.008
23	3	LDR-Unbiased	0.264	0.263	-0.001
25	3	LDR-Unbiased	0.262	0.259	-0.003
26	3	LDR-Unbiased	0.261	0.272	0.011
27	3	LDR-Unbiased	0.272	0.269	-0.003
46	10	LDR-Biased	0.272	0.263	-0.009
48	10	LDR-Biased	0.27	0.269	-0.001
49	10	LDR-Biased	0.264	0.26	-0.004
50	10	LDR-Biased	0.269	0.262	-0.007
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.262	0.27	0.008
53	10	LDR-Unbiased	0.264	0.261	-0.003
55	10	LDR-Unbiased	0.262	0.259	-0.003
56	10	LDR-Unbiased	0.261	0.27	0.009
57	10	LDR-Unbiased	0.272	0.27	-0.002
76	30	LDR-Biased	0.272	0.263	-0.009
78	30	LDR-Biased	0.27	0.269	-0.001
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.269	0.262	-0.007
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.262	0.269	0.007
83	30	LDR-Unbiased	0.264	0.264	0
84	30	LDR-Unbiased	0.272	0.269	-0.003
85	30	LDR-Unbiased	0.262	0.261	-0.001
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.26	0.26	0
88	100	LDR-Biased	0.271	0.271	0
90	100	LDR-Biased	0.27	0.27	0
91	100	LDR-Unbiased	0.262	0.259	-0.003
93	100	LDR-Unbiased	0.26	0.26	0
94	100	LDR-Unbiased	0.272	0.261	-0.011
95	100	LDR-Unbiased	0.271	0.261	-0.01
96	100	LDR-Unbiased	0.27	0.259	-0.011
106	50	LDR-Biased	0.272	0.263	-0.009
108	50	LDR-Biased	0.27	0.269	-0.001
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.269	0.261	-0.008
111	50	LDR-Biased	0.261	0.261	0
112	50	LDR-Unbiased	0.262	0.268	0.006
113	50	LDR-Unbiased	0.264	0.261	-0.003
115	50	LDR-Unbiased	0.262	0.26	-0.002
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.272	0.268	-0.004

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.266	0.27	0.0056569	0.262	0.266	0.27	0.0056569	0	0	0	0
3	0.261	0.2657	0.272	0.0045473	0.259	0.2647	0.272	0.00462	-0.009	-0.001	0.011	0.0061283
10	0.261	0.2657	0.272	0.0045473	0.259	0.2645	0.27	0.0046488	-0.009	-0.0012	0.009	0.0057697
30	0.261	0.2657	0.272	0.0045473	0.26	0.265	0.271	0.0040552	-0.009	-0.0007	0.01	0.0056774
50	0.261	0.2657	0.272	0.0045473	0.26	0.2642	0.271	0.0042895	-0.009	-0.0015	0.01	0.0058166
100	0.26	0.267	0.272	0.0053184	0.259	0.26262	0.271	0.0049262	-0.011	-0.004375	0	0.0053168

Device Test: 5.8 tpd_EN3_SD/EN3/1.6/3/0/0/0/@TPD_EN





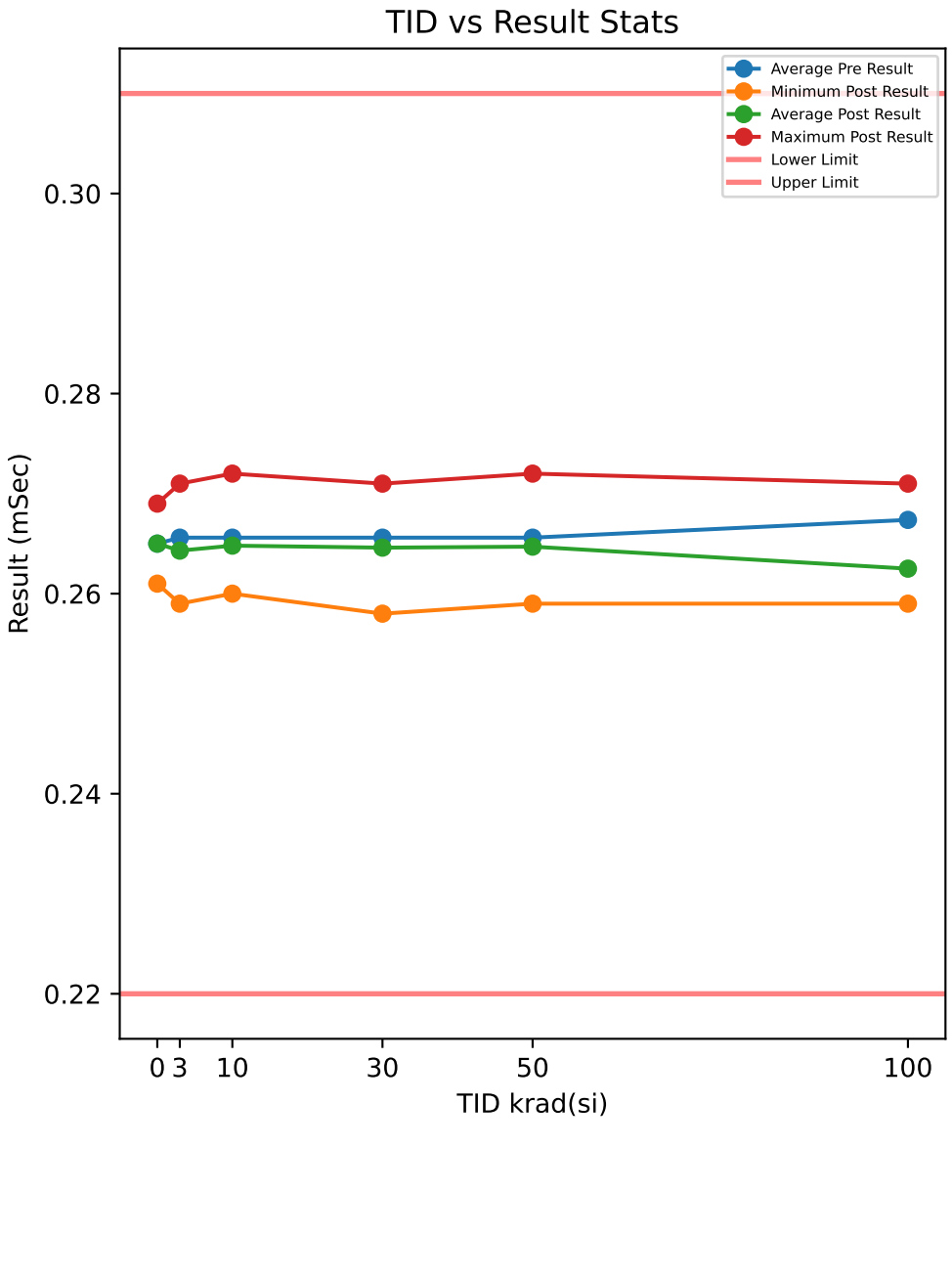
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

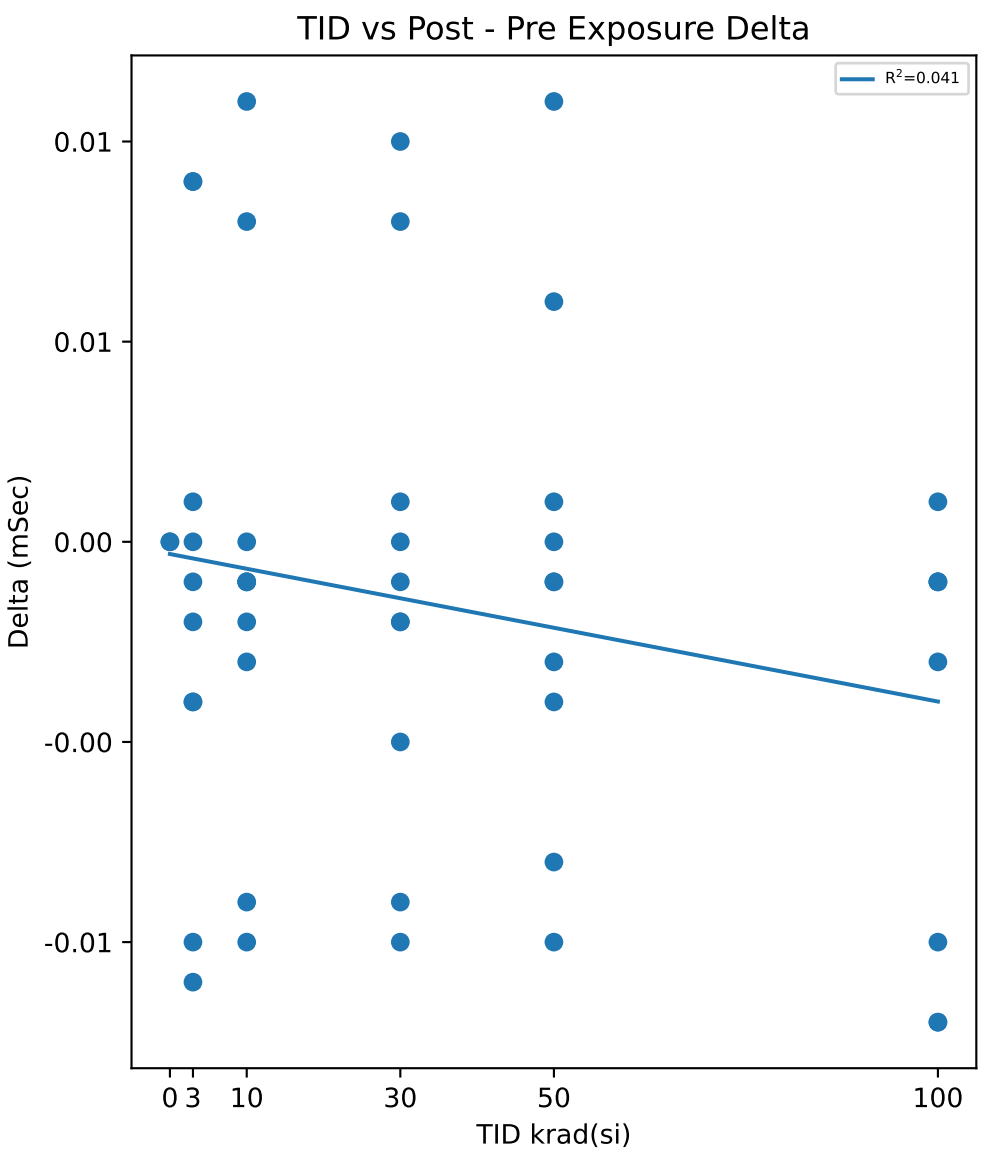
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.312	3.312	0
7	0	Correlation	2.779	2.779	0
16	3	LDR-Biased	2.915	3.668	0.753
18	3	LDR-Biased	3.342	3.47	0.128
19	3	LDR-Biased	2.855	2.933	0.078
20	3	LDR-Biased	2.915	3.545	0.63
21	3	LDR-Biased	3.452	2.919	-0.533
22	3	LDR-Unbiased	3.283	3.165	-0.118
23	3	LDR-Unbiased	3.436	3.737	0.301
25	3	LDR-Unbiased	2.783	3.587	0.804
26	3	LDR-Unbiased	3.56	2.942	-0.618
27	3	LDR-Unbiased	3.153	3.31	0.157
46	10	LDR-Biased	2.915	3.22	0.305
48	10	LDR-Biased	3.342	2.979	-0.363
49	10	LDR-Biased	2.855	3.053	0.198
50	10	LDR-Biased	2.915	3.46	0.545
51	10	LDR-Biased	3.452	3.028	-0.424
52	10	LDR-Unbiased	3.283	3.046	-0.237
53	10	LDR-Unbiased	3.436	3.458	0.022
55	10	LDR-Unbiased	2.783	3.123	0.34
56	10	LDR-Unbiased	3.56	3.456	-0.104
57	10	LDR-Unbiased	3.153	3.522	0.369
76	30	LDR-Biased	2.915	3.27	0.355
78	30	LDR-Biased	3.342	3.211	-0.131
79	30	LDR-Biased	2.855	3.5	0.645
80	30	LDR-Biased	2.915	3.344	0.429
81	30	LDR-Biased	3.452	3.625	0.173
82	30	LDR-Unbiased	3.283	3.36	0.077
83	30	LDR-Unbiased	3.436	2.871	-0.565
84	30	LDR-Unbiased	3.153	3.586	0.433
85	30	LDR-Unbiased	2.783	2.907	0.124
86	30	LDR-Unbiased	3.56	2.939	-0.621
87	100	LDR-Biased	3.47	3.47	0
88	100	LDR-Biased	3.732	2.95	-0.782
90	100	LDR-Biased	3.052	3.388	0.336
91	100	LDR-Unbiased	3.222	2.851	-0.371
93	100	LDR-Unbiased	3.045	3.181	0.136
94	100	LDR-Unbiased	3.714	3.436	-0.278
95	100	LDR-Unbiased	3.069	3.625	0.556
96	100	LDR-Unbiased	3.233	2.94	-0.293
106	50	LDR-Biased	2.915	3.185	0.27
108	50	LDR-Biased	3.342	3.622	0.28
109	50	LDR-Biased	2.855	3.182	0.327
110	50	LDR-Biased	2.915	3.432	0.517
111	50	LDR-Biased	3.452	3.641	0.189
112	50	LDR-Unbiased	3.283	3.531	0.248
113	50	LDR-Unbiased	3.436	3.148	-0.288
115	50	LDR-Unbiased	2.783	3.364	0.581
116	50	LDR-Unbiased	3.56	3.715	0.155
117	50	LDR-Unbiased	3.153	3.502	0.349

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.779	3.0455	3.312	0.37689	2.779	3.0455	3.312	0.37689	0	0	0	0
3	2.783	3.1694	3.56	0.28364	2.919	3.3276	3.737	0.3191	-0.618	0.1582	0.804	0.4919
10	2.783	3.1694	3.56	0.28364	2.979	3.2345	3.522	0.21643	-0.424	0.0651	0.545	0.33626
30	2.783	3.1694	3.56	0.28364	2.871	3.2613	3.625	0.27801	-0.621	0.0919	0.645	0.42195
50	2.783	3.1694	3.56	0.28364	3.148	3.4322	3.715	0.20639	-0.288	0.2628	0.581	0.23533
100	3.045	3.3171	3.732	0.28661	2.851	3.2301	3.625	0.29021	-0.782	-0.087	0.556	0.42966

Device Test: 5.80 tdly_Res10p5K_EN2_SU/EN2/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





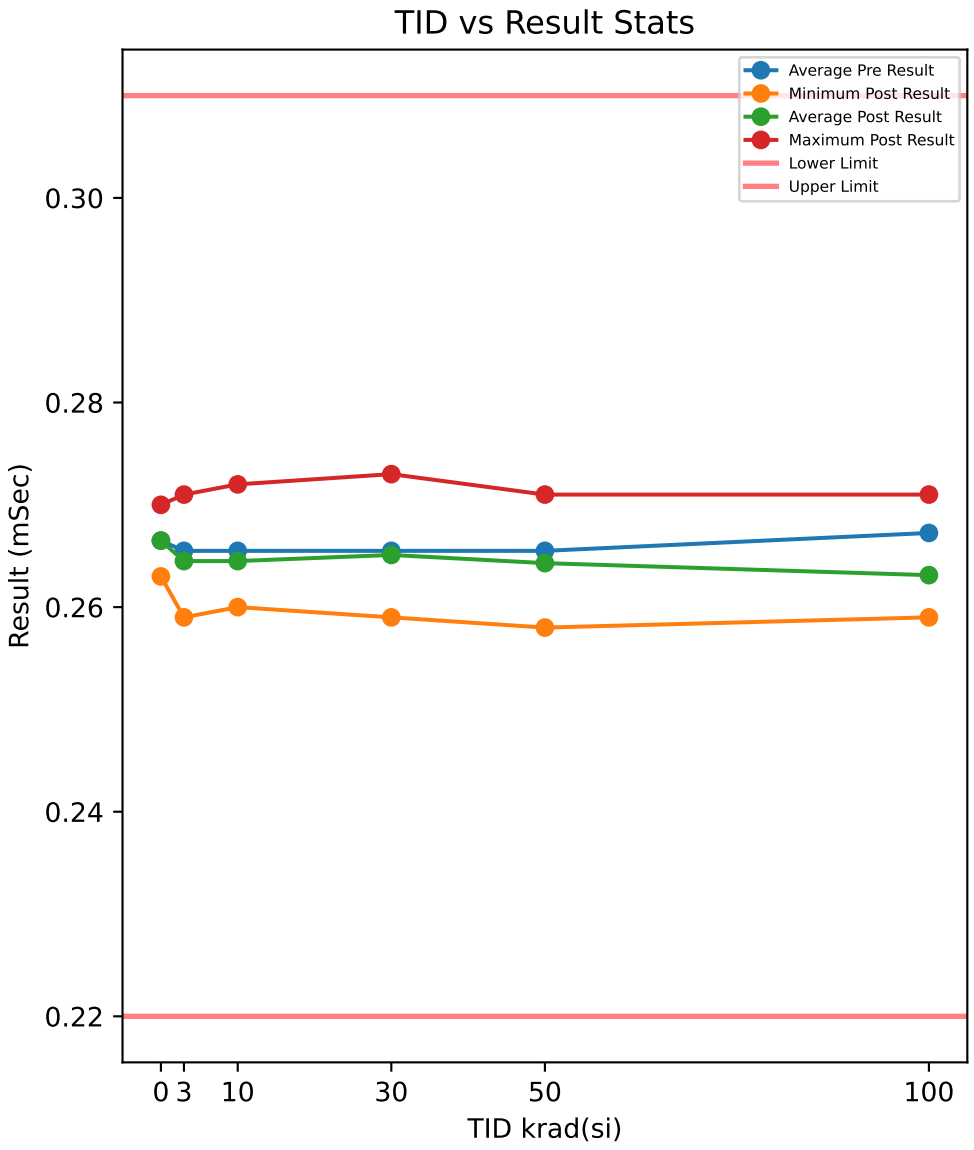
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

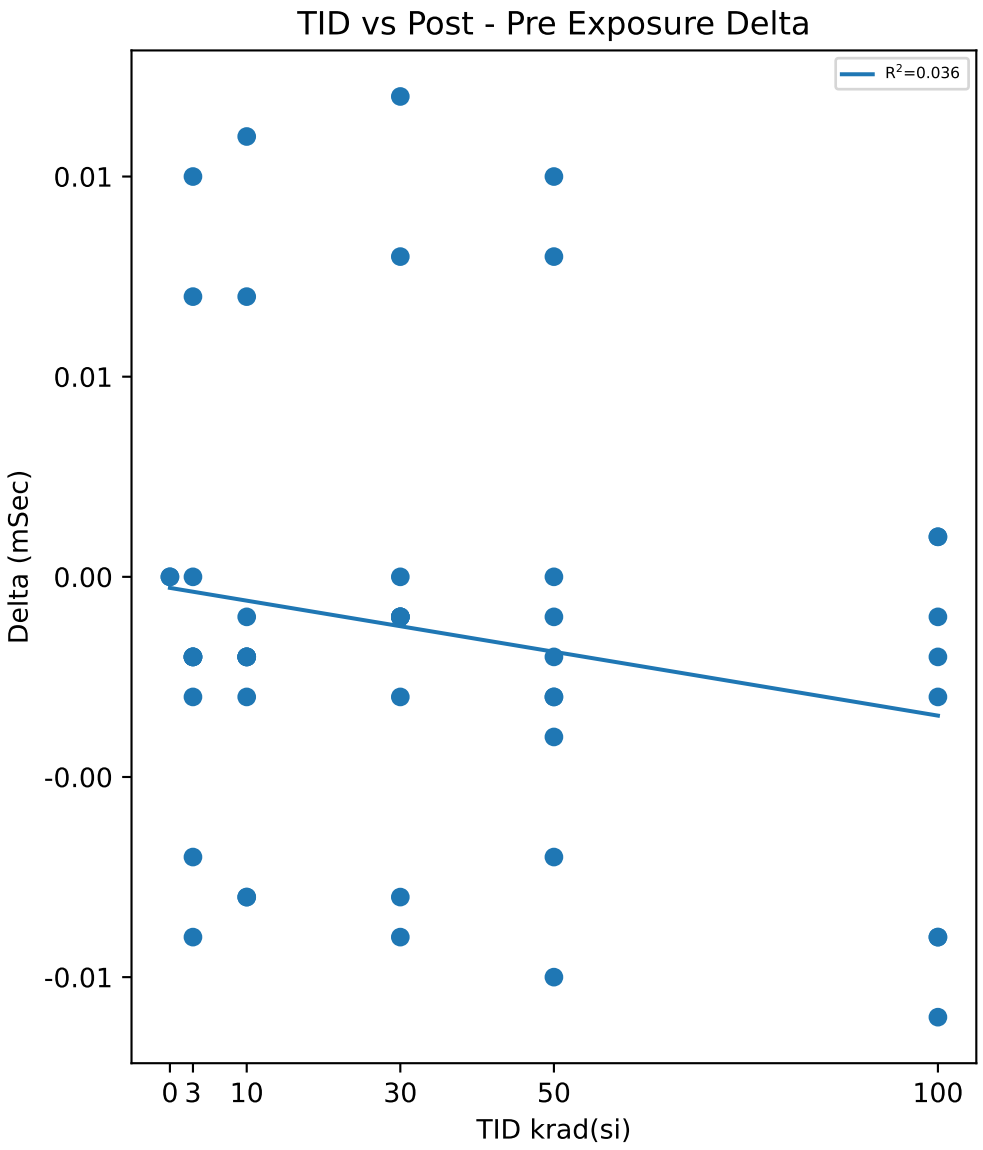
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.269	0.269	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.273	0.262	-0.011
18	3	LDR-Biased	0.27	0.268	-0.002
19	3	LDR-Biased	0.262	0.262	0
20	3	LDR-Biased	0.27	0.26	-0.01
21	3	LDR-Biased	0.26	0.261	0.001
22	3	LDR-Unbiased	0.262	0.271	0.009
23	3	LDR-Unbiased	0.263	0.262	-0.001
25	3	LDR-Unbiased	0.263	0.259	-0.004
26	3	LDR-Unbiased	0.261	0.27	0.009
27	3	LDR-Unbiased	0.272	0.268	-0.004
46	10	LDR-Biased	0.273	0.263	-0.01
48	10	LDR-Biased	0.27	0.269	-0.001
49	10	LDR-Biased	0.262	0.261	-0.001
50	10	LDR-Biased	0.27	0.261	-0.009
51	10	LDR-Biased	0.26	0.26	0
52	10	LDR-Unbiased	0.262	0.27	0.008
53	10	LDR-Unbiased	0.263	0.262	-0.001
55	10	LDR-Unbiased	0.263	0.26	-0.003
56	10	LDR-Unbiased	0.261	0.272	0.011
57	10	LDR-Unbiased	0.272	0.27	-0.002
76	30	LDR-Biased	0.273	0.264	-0.009
78	30	LDR-Biased	0.27	0.27	0
79	30	LDR-Biased	0.262	0.26	-0.002
80	30	LDR-Biased	0.27	0.26	-0.01
81	30	LDR-Biased	0.26	0.261	0.001
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.263	0.262	-0.001
84	30	LDR-Unbiased	0.272	0.27	-0.002
85	30	LDR-Unbiased	0.263	0.258	-0.005
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.26	0.259	-0.001
88	100	LDR-Biased	0.27	0.271	0.001
90	100	LDR-Biased	0.271	0.27	-0.001
91	100	LDR-Unbiased	0.264	0.261	-0.003
93	100	LDR-Unbiased	0.26	0.259	-0.001
94	100	LDR-Unbiased	0.272	0.26	-0.012
95	100	LDR-Unbiased	0.271	0.261	-0.01
96	100	LDR-Unbiased	0.271	0.259	-0.012
106	50	LDR-Biased	0.273	0.263	-0.01
108	50	LDR-Biased	0.27	0.27	0
109	50	LDR-Biased	0.262	0.261	-0.001
110	50	LDR-Biased	0.27	0.262	-0.008
111	50	LDR-Biased	0.26	0.261	0.001
112	50	LDR-Unbiased	0.262	0.268	0.006
113	50	LDR-Unbiased	0.263	0.262	-0.001
115	50	LDR-Unbiased	0.263	0.259	-0.004
116	50	LDR-Unbiased	0.261	0.272	0.011
117	50	LDR-Unbiased	0.272	0.269	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.265	0.269	0.0056569	0.261	0.265	0.269	0.0056569	0	0	0	0
3	0.26	0.2656	0.273	0.0050155	0.259	0.2643	0.271	0.0044485	-0.011	-0.0013	0.009	0.0067007
10	0.26	0.2656	0.273	0.0050155	0.26	0.2648	0.272	0.0048259	-0.01	-0.0008	0.011	0.0064601
30	0.26	0.2656	0.273	0.0050155	0.258	0.2646	0.271	0.0051034	-0.01	-0.001	0.01	0.0064118
50	0.26	0.2656	0.273	0.0050155	0.259	0.2647	0.272	0.0045717	-0.01	-0.0009	0.011	0.0061545
100	0.26	0.26738	0.272	0.0051807	0.259	0.2625	0.271	0.0050143	-0.012	-0.004875	0.001	0.0054886

Device Test: 5.81 tdly_Res10p5K_EN3_SU/EN3/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





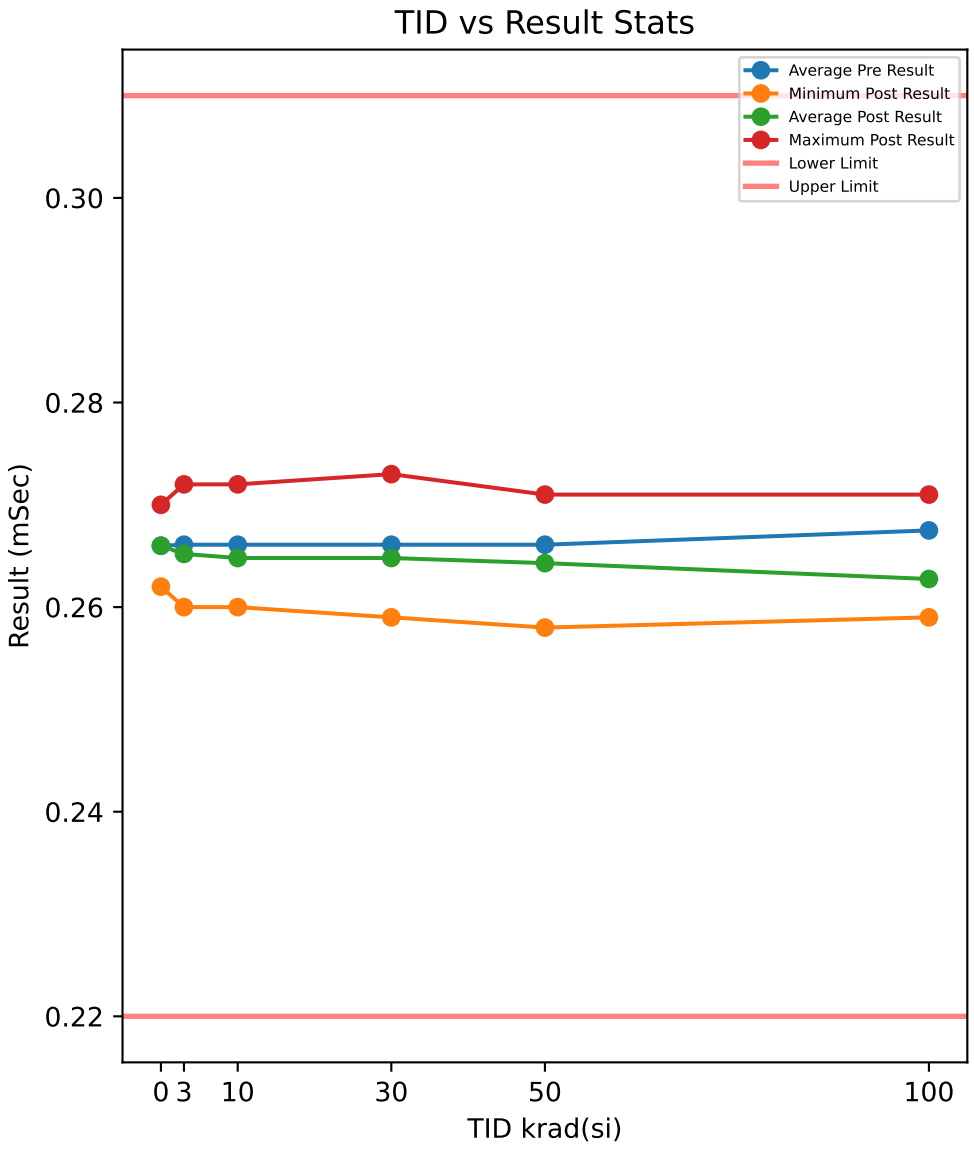
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

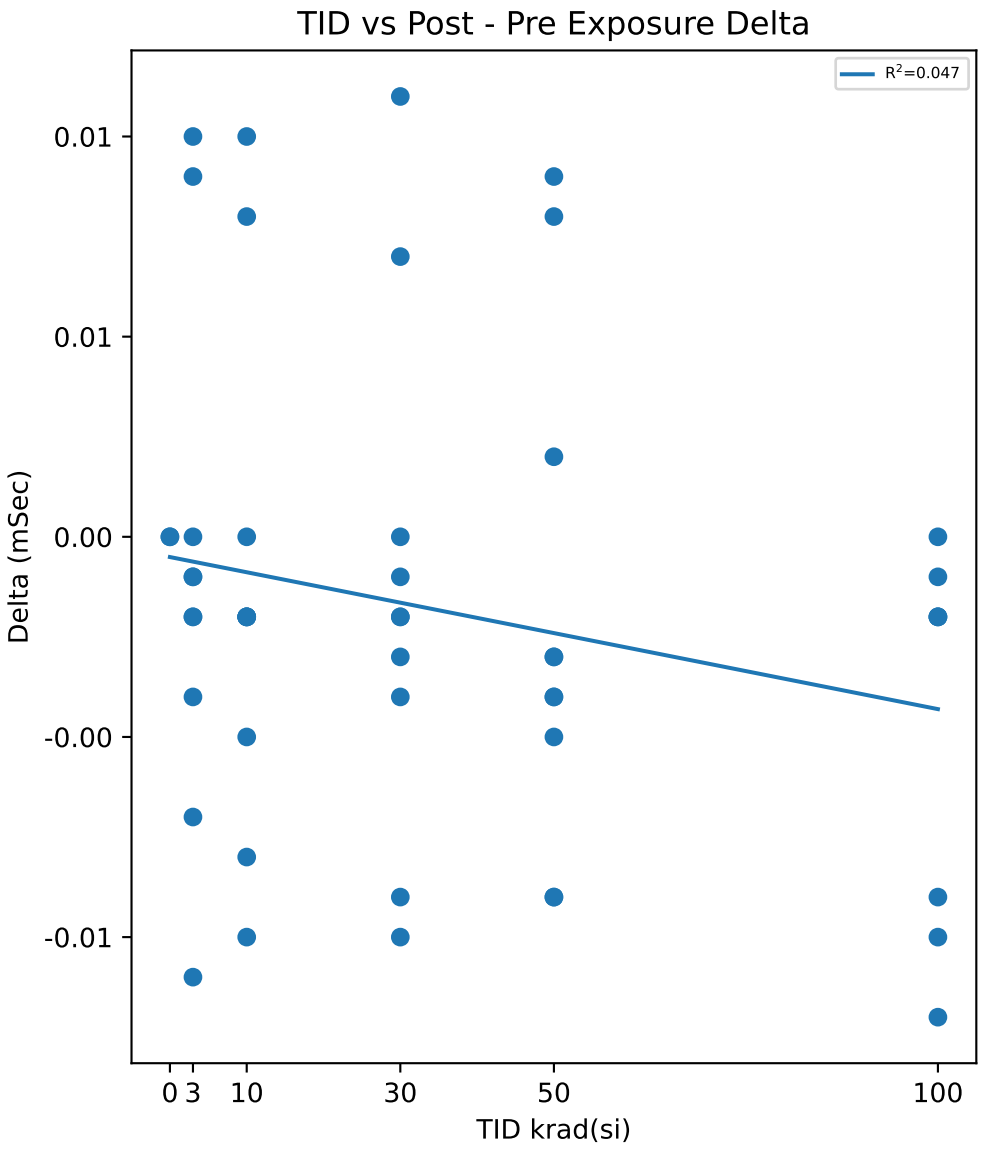
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.263	0.263	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.27	0.27	0
19	3	LDR-Biased	0.263	0.26	-0.003
20	3	LDR-Biased	0.269	0.262	-0.007
21	3	LDR-Biased	0.261	0.259	-0.002
22	3	LDR-Unbiased	0.262	0.269	0.007
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.262	0.26	-0.002
26	3	LDR-Unbiased	0.261	0.271	0.01
27	3	LDR-Unbiased	0.271	0.269	-0.002
46	10	LDR-Biased	0.272	0.264	-0.008
48	10	LDR-Biased	0.27	0.268	-0.002
49	10	LDR-Biased	0.263	0.26	-0.003
50	10	LDR-Biased	0.269	0.261	-0.008
51	10	LDR-Biased	0.261	0.26	-0.001
52	10	LDR-Unbiased	0.262	0.269	0.007
53	10	LDR-Unbiased	0.264	0.262	-0.002
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.261	0.272	0.011
57	10	LDR-Unbiased	0.271	0.269	-0.002
76	30	LDR-Biased	0.272	0.263	-0.009
78	30	LDR-Biased	0.27	0.269	-0.001
79	30	LDR-Biased	0.263	0.262	-0.001
80	30	LDR-Biased	0.269	0.261	-0.008
81	30	LDR-Biased	0.261	0.261	0
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.271	0.27	-0.001
85	30	LDR-Unbiased	0.262	0.259	-0.003
86	30	LDR-Unbiased	0.261	0.273	0.012
87	100	LDR-Biased	0.26	0.261	0.001
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.27	0.271	0.001
91	100	LDR-Unbiased	0.261	0.259	-0.002
93	100	LDR-Unbiased	0.261	0.26	-0.001
94	100	LDR-Unbiased	0.272	0.261	-0.011
95	100	LDR-Unbiased	0.271	0.262	-0.009
96	100	LDR-Unbiased	0.27	0.261	-0.009
106	50	LDR-Biased	0.272	0.262	-0.01
108	50	LDR-Biased	0.27	0.269	-0.001
109	50	LDR-Biased	0.263	0.26	-0.003
110	50	LDR-Biased	0.269	0.262	-0.007
111	50	LDR-Biased	0.261	0.261	0
112	50	LDR-Unbiased	0.262	0.27	0.008
113	50	LDR-Unbiased	0.264	0.261	-0.003
115	50	LDR-Unbiased	0.262	0.258	-0.004
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.271	0.269	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.2665	0.27	0.0049497	0.263	0.2665	0.27	0.0049497	0	0	0	0
3	0.261	0.2655	0.272	0.0044535	0.259	0.2645	0.271	0.0046963	-0.009	-0.001	0.01	0.0057155
10	0.261	0.2655	0.272	0.0044535	0.26	0.2645	0.272	0.0045765	-0.008	-0.001	0.011	0.0059067
30	0.261	0.2655	0.272	0.0044535	0.259	0.2651	0.273	0.0048865	-0.009	-0.0004	0.012	0.0063631
50	0.261	0.2655	0.272	0.0044535	0.258	0.2643	0.271	0.0048546	-0.01	-0.0012	0.01	0.0061246
100	0.26	0.26725	0.273	0.0055485	0.259	0.26312	0.271	0.0046426	-0.011	-0.004125	0.001	0.0048237

Device Test: 5.82 tdly_Res10p5K_EN4_SU/EN4/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





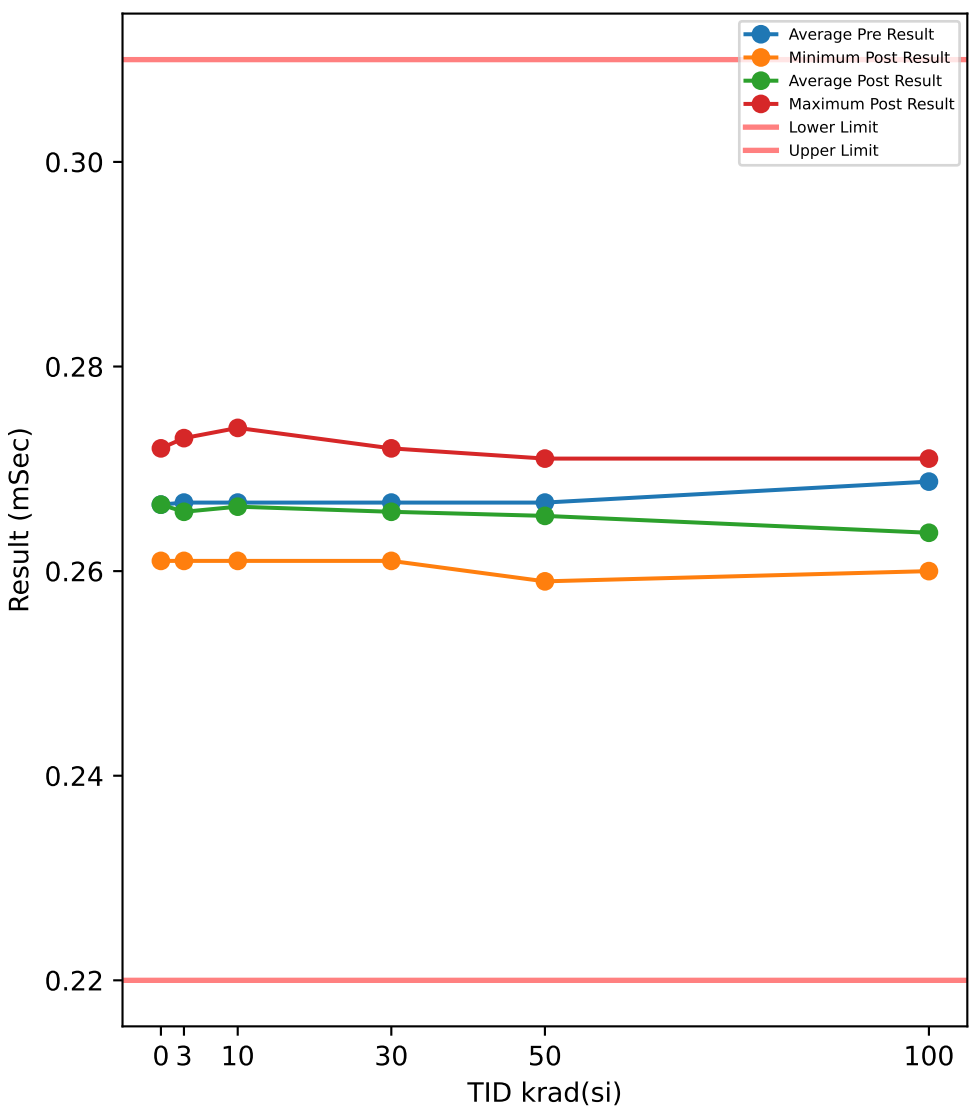
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

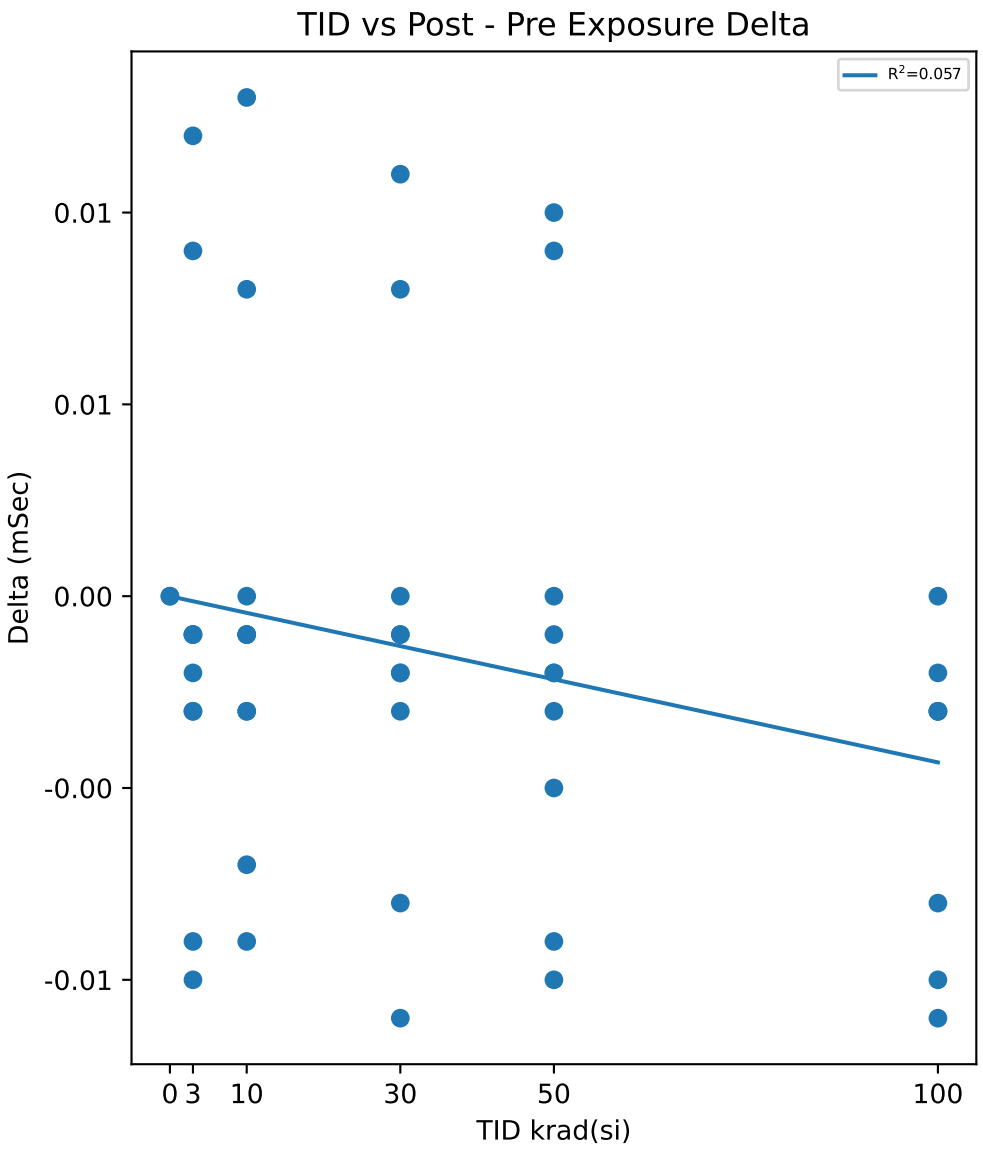
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.271	0.264	-0.007
18	3	LDR-Biased	0.272	0.271	-0.001
19	3	LDR-Biased	0.265	0.261	-0.004
20	3	LDR-Biased	0.271	0.26	-0.011
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.262	0.271	0.009
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.262	0.261	-0.001
26	3	LDR-Unbiased	0.262	0.272	0.01
27	3	LDR-Unbiased	0.271	0.269	-0.002
46	10	LDR-Biased	0.271	0.263	-0.008
48	10	LDR-Biased	0.272	0.27	-0.002
49	10	LDR-Biased	0.265	0.26	-0.005
50	10	LDR-Biased	0.271	0.261	-0.01
51	10	LDR-Biased	0.261	0.261	0
52	10	LDR-Unbiased	0.262	0.27	0.008
53	10	LDR-Unbiased	0.264	0.262	-0.002
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.262	0.272	0.01
57	10	LDR-Unbiased	0.271	0.269	-0.002
76	30	LDR-Biased	0.271	0.262	-0.009
78	30	LDR-Biased	0.272	0.27	-0.002
79	30	LDR-Biased	0.265	0.261	-0.004
80	30	LDR-Biased	0.271	0.261	-0.01
81	30	LDR-Biased	0.261	0.261	0
82	30	LDR-Unbiased	0.262	0.269	0.007
83	30	LDR-Unbiased	0.264	0.262	-0.002
84	30	LDR-Unbiased	0.271	0.27	-0.001
85	30	LDR-Unbiased	0.262	0.259	-0.003
86	30	LDR-Unbiased	0.262	0.273	0.011
87	100	LDR-Biased	0.259	0.259	0
88	100	LDR-Biased	0.272	0.27	-0.002
90	100	LDR-Biased	0.272	0.271	-0.001
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.261	0.259	-0.002
94	100	LDR-Unbiased	0.272	0.262	-0.01
95	100	LDR-Unbiased	0.271	0.262	-0.009
96	100	LDR-Unbiased	0.271	0.259	-0.012
106	50	LDR-Biased	0.271	0.262	-0.009
108	50	LDR-Biased	0.272	0.269	-0.003
109	50	LDR-Biased	0.265	0.26	-0.005
110	50	LDR-Biased	0.271	0.262	-0.009
111	50	LDR-Biased	0.261	0.263	0.002
112	50	LDR-Unbiased	0.262	0.27	0.008
113	50	LDR-Unbiased	0.264	0.26	-0.004
115	50	LDR-Unbiased	0.262	0.258	-0.004
116	50	LDR-Unbiased	0.262	0.271	0.009
117	50	LDR-Unbiased	0.271	0.268	-0.003

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.266	0.27	0.0056569	0.262	0.266	0.27	0.0056569	0	0	0	0
3	0.261	0.2661	0.272	0.0045814	0.26	0.2652	0.272	0.0049396	-0.011	-0.0009	0.01	0.0064023
10	0.261	0.2661	0.272	0.0045814	0.26	0.2648	0.272	0.0048259	-0.01	-0.0013	0.01	0.0062548
30	0.261	0.2661	0.272	0.0045814	0.259	0.2648	0.273	0.0050728	-0.01	-0.0013	0.011	0.0063953
50	0.261	0.2661	0.272	0.0045814	0.258	0.2643	0.271	0.0047387	-0.009	-0.0018	0.009	0.0062681
100	0.259	0.2675	0.272	0.0057321	0.259	0.26275	0.271	0.0049497	-0.012	-0.00475	0	0.0047434

Device Test: 5.83 tdly_Res10p5K_SEQ_SU/SEQ_DONE/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





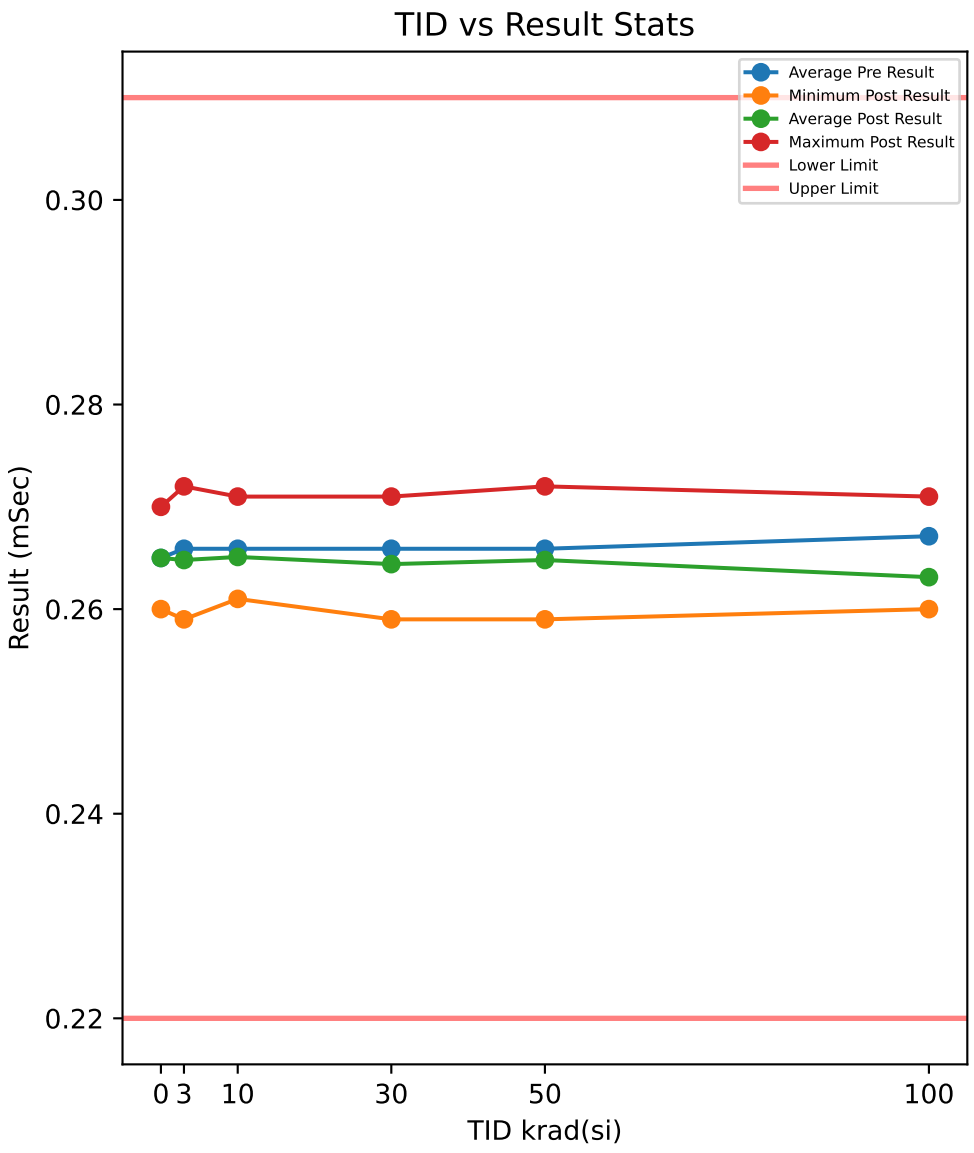
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

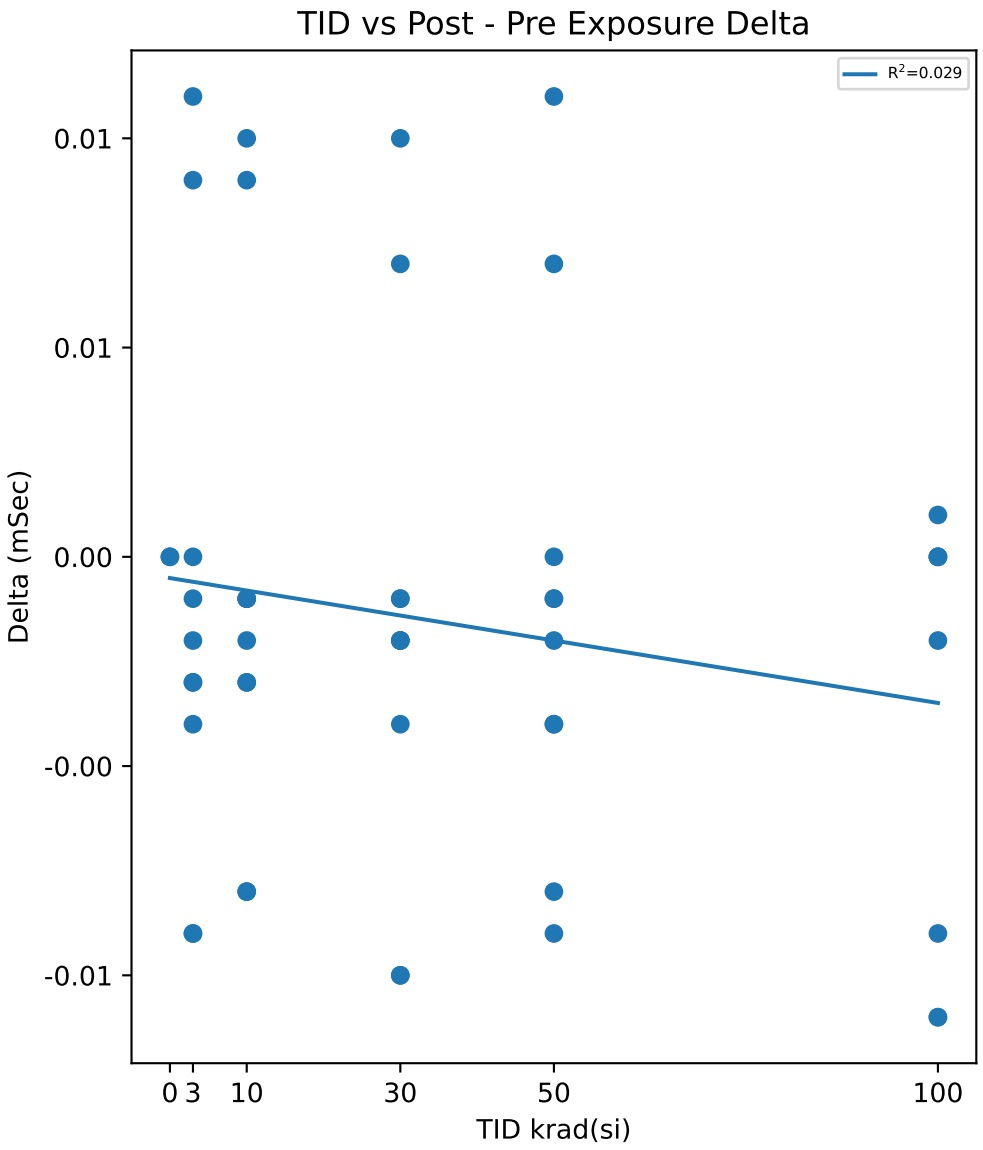
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.272	0.272	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.272	0.271	-0.001
19	3	LDR-Biased	0.265	0.263	-0.002
20	3	LDR-Biased	0.272	0.262	-0.01
21	3	LDR-Biased	0.262	0.261	-0.001
22	3	LDR-Unbiased	0.262	0.271	0.009
23	3	LDR-Unbiased	0.265	0.262	-0.003
25	3	LDR-Unbiased	0.264	0.261	-0.003
26	3	LDR-Unbiased	0.261	0.273	0.012
27	3	LDR-Unbiased	0.272	0.271	-0.001
46	10	LDR-Biased	0.272	0.265	-0.007
48	10	LDR-Biased	0.272	0.271	-0.001
49	10	LDR-Biased	0.265	0.262	-0.003
50	10	LDR-Biased	0.272	0.263	-0.009
51	10	LDR-Biased	0.262	0.262	0
52	10	LDR-Unbiased	0.262	0.27	0.008
53	10	LDR-Unbiased	0.265	0.264	-0.001
55	10	LDR-Unbiased	0.264	0.261	-0.003
56	10	LDR-Unbiased	0.261	0.274	0.013
57	10	LDR-Unbiased	0.272	0.271	-0.001
76	30	LDR-Biased	0.272	0.264	-0.008
78	30	LDR-Biased	0.272	0.271	-0.001
79	30	LDR-Biased	0.265	0.263	-0.002
80	30	LDR-Biased	0.272	0.261	-0.011
81	30	LDR-Biased	0.262	0.262	0
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.265	0.263	-0.002
84	30	LDR-Unbiased	0.272	0.271	-0.001
85	30	LDR-Unbiased	0.264	0.261	-0.003
86	30	LDR-Unbiased	0.261	0.272	0.011
87	100	LDR-Biased	0.26	0.26	0
88	100	LDR-Biased	0.274	0.271	-0.003
90	100	LDR-Biased	0.273	0.27	-0.003
91	100	LDR-Unbiased	0.264	0.261	-0.003
93	100	LDR-Unbiased	0.263	0.261	-0.002
94	100	LDR-Unbiased	0.272	0.262	-0.01
95	100	LDR-Unbiased	0.271	0.263	-0.008
96	100	LDR-Unbiased	0.273	0.262	-0.011
106	50	LDR-Biased	0.272	0.263	-0.009
108	50	LDR-Biased	0.272	0.27	-0.002
109	50	LDR-Biased	0.265	0.262	-0.003
110	50	LDR-Biased	0.272	0.262	-0.01
111	50	LDR-Biased	0.262	0.262	0
112	50	LDR-Unbiased	0.262	0.271	0.009
113	50	LDR-Unbiased	0.265	0.263	-0.002
115	50	LDR-Unbiased	0.264	0.259	-0.005
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.272	0.271	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.2665	0.272	0.0077782	0.261	0.2665	0.272	0.0077782	0	0	0	0
3	0.261	0.2667	0.272	0.0047387	0.261	0.2658	0.273	0.0049844	-0.01	-0.0009	0.012	0.0068548
10	0.261	0.2667	0.272	0.0047387	0.261	0.2663	0.274	0.0047152	-0.009	-0.0004	0.013	0.0065184
30	0.261	0.2667	0.272	0.0047387	0.261	0.2658	0.272	0.0045898	-0.011	-0.0009	0.011	0.0065056
50	0.261	0.2667	0.272	0.0047387	0.259	0.2654	0.271	0.0047422	-0.01	-0.0013	0.01	0.0065668
100	0.26	0.26875	0.274	0.0054968	0.26	0.26375	0.271	0.0042678	-0.011	-0.005	0	0.0040708

Device Test: 5.84 tdly_Res10p5K_PWRGD_SU/PWRGD/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





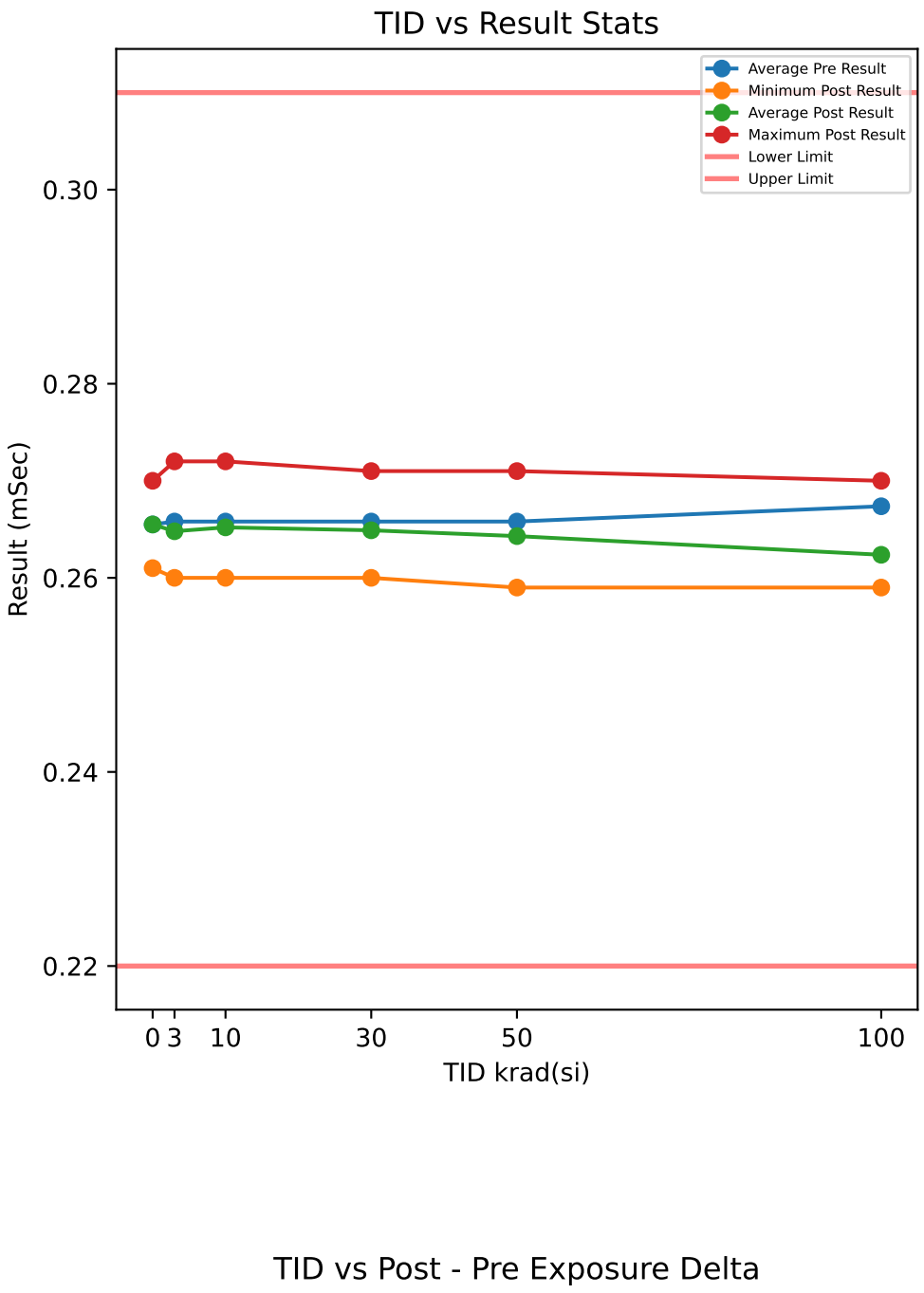
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

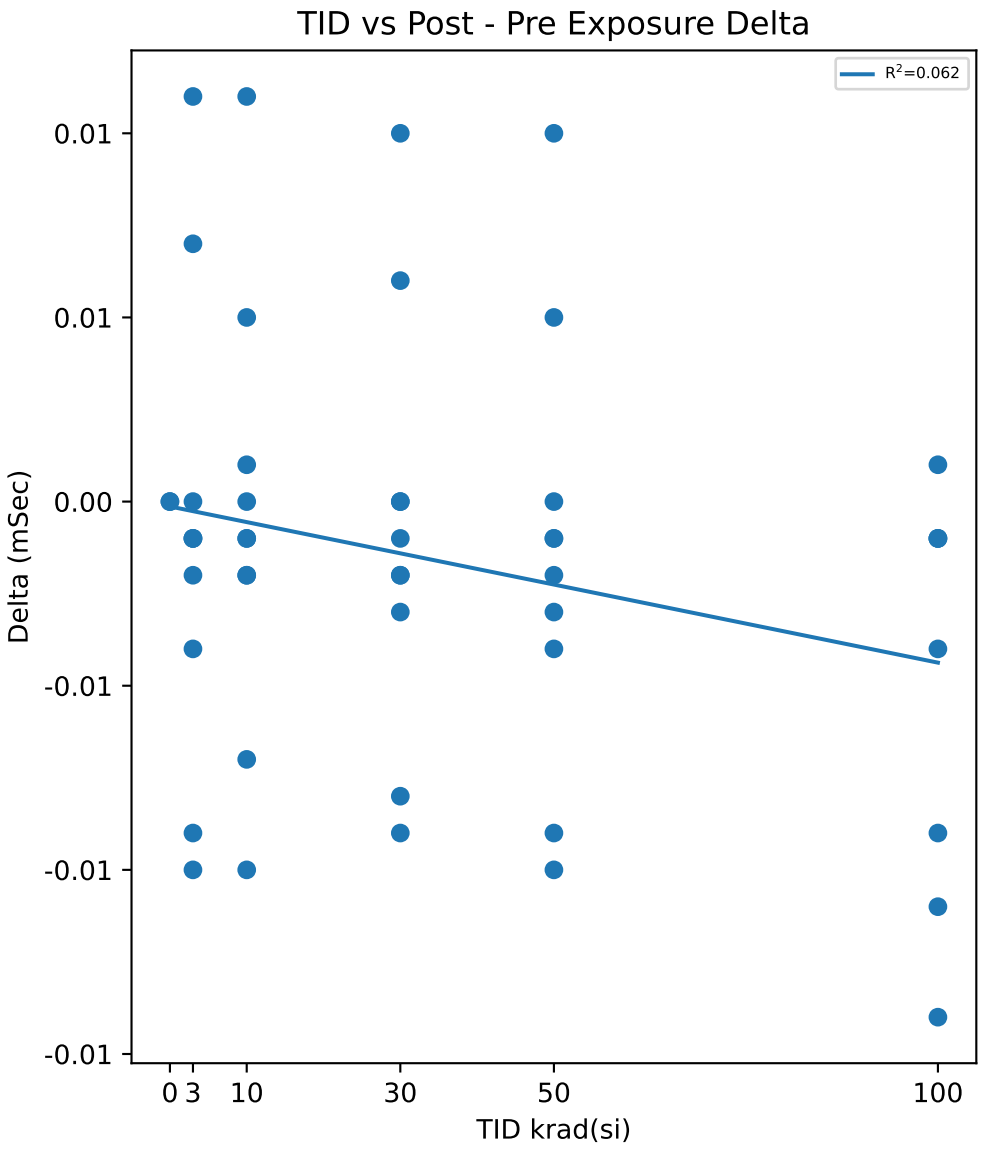
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.26	0.26	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.27	0.269	-0.001
19	3	LDR-Biased	0.264	0.261	-0.003
20	3	LDR-Biased	0.27	0.261	-0.009
21	3	LDR-Biased	0.262	0.26	-0.002
22	3	LDR-Unbiased	0.262	0.271	0.009
23	3	LDR-Unbiased	0.264	0.261	-0.003
25	3	LDR-Unbiased	0.263	0.259	-0.004
26	3	LDR-Unbiased	0.261	0.272	0.011
27	3	LDR-Unbiased	0.271	0.271	0
46	10	LDR-Biased	0.272	0.264	-0.008
48	10	LDR-Biased	0.27	0.269	-0.001
49	10	LDR-Biased	0.264	0.261	-0.003
50	10	LDR-Biased	0.27	0.262	-0.008
51	10	LDR-Biased	0.262	0.261	-0.001
52	10	LDR-Unbiased	0.262	0.271	0.009
53	10	LDR-Unbiased	0.264	0.261	-0.003
55	10	LDR-Unbiased	0.263	0.261	-0.002
56	10	LDR-Unbiased	0.261	0.271	0.01
57	10	LDR-Unbiased	0.271	0.27	-0.001
76	30	LDR-Biased	0.272	0.262	-0.01
78	30	LDR-Biased	0.27	0.269	-0.001
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.27	0.26	-0.01
81	30	LDR-Biased	0.262	0.261	-0.001
82	30	LDR-Unbiased	0.262	0.269	0.007
83	30	LDR-Unbiased	0.264	0.262	-0.002
84	30	LDR-Unbiased	0.271	0.269	-0.002
85	30	LDR-Unbiased	0.263	0.259	-0.004
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.26	0.26	0
88	100	LDR-Biased	0.271	0.271	0
90	100	LDR-Biased	0.27	0.271	0.001
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.26	0.26	0
94	100	LDR-Unbiased	0.273	0.262	-0.011
95	100	LDR-Unbiased	0.27	0.261	-0.009
96	100	LDR-Unbiased	0.271	0.26	-0.011
106	50	LDR-Biased	0.272	0.264	-0.008
108	50	LDR-Biased	0.27	0.27	0
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.27	0.261	-0.009
111	50	LDR-Biased	0.262	0.261	-0.001
112	50	LDR-Unbiased	0.262	0.269	0.007
113	50	LDR-Unbiased	0.264	0.262	-0.002
115	50	LDR-Unbiased	0.263	0.259	-0.004
116	50	LDR-Unbiased	0.261	0.272	0.011
117	50	LDR-Unbiased	0.271	0.27	-0.001

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.265	0.27	0.0070711	0.26	0.265	0.27	0.0070711	0	0	0	0
3	0.261	0.2659	0.272	0.0043063	0.259	0.2648	0.272	0.0052662	-0.009	-0.0011	0.011	0.0065904
10	0.261	0.2659	0.272	0.0043063	0.261	0.2651	0.271	0.004557	-0.008	-0.0008	0.01	0.0060332
30	0.261	0.2659	0.272	0.0043063	0.259	0.2644	0.271	0.0045265	-0.01	-0.0015	0.01	0.0062937
50	0.261	0.2659	0.272	0.0043063	0.259	0.2648	0.272	0.0049171	-0.009	-0.0011	0.011	0.0061545
100	0.26	0.26713	0.273	0.0054625	0.26	0.26312	0.271	0.0049117	-0.011	-0.004	0.001	0.0053452

Device Test: 5.85 tdly_Res10p5K_EN1_SD/EN1/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





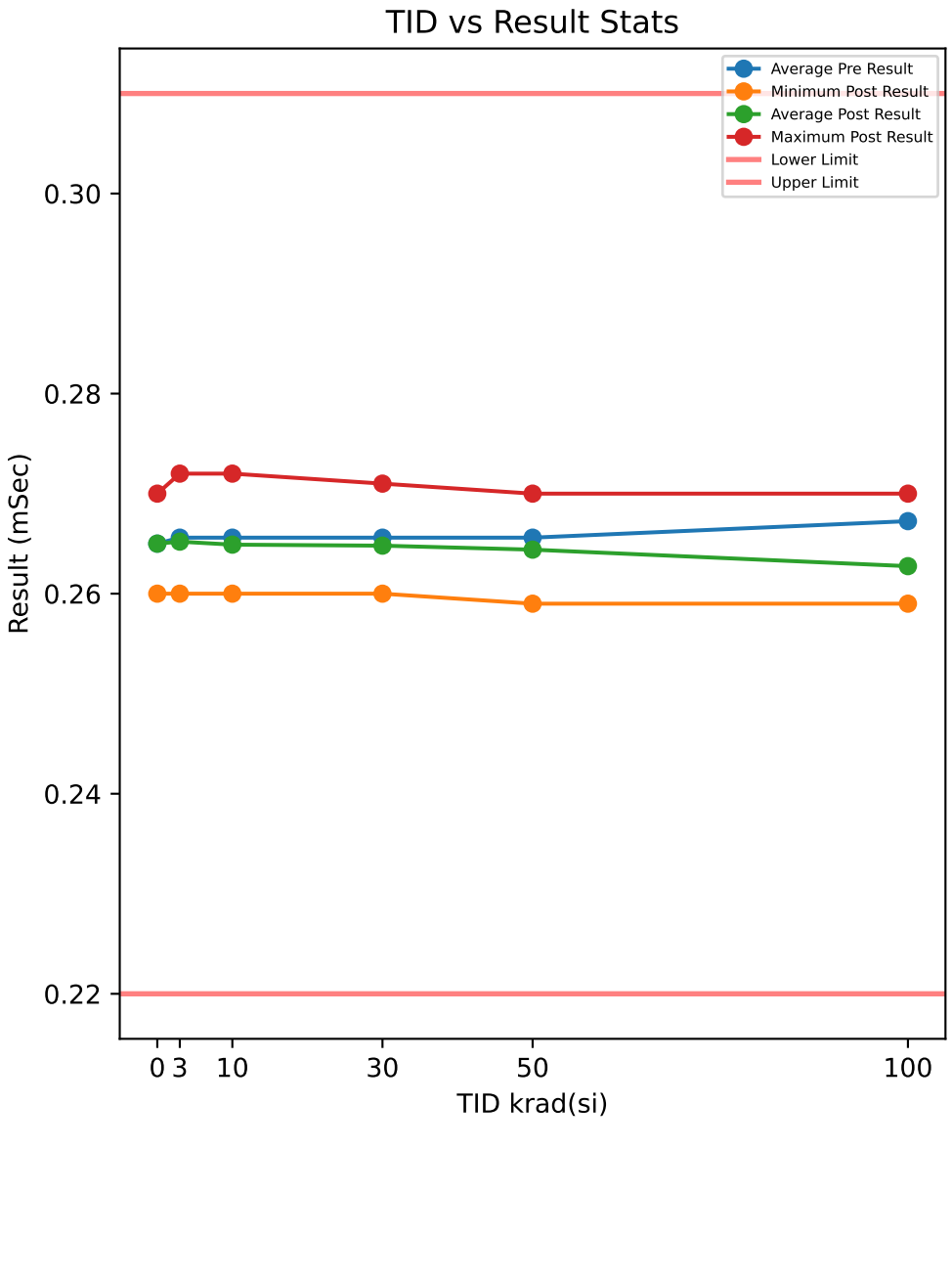
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

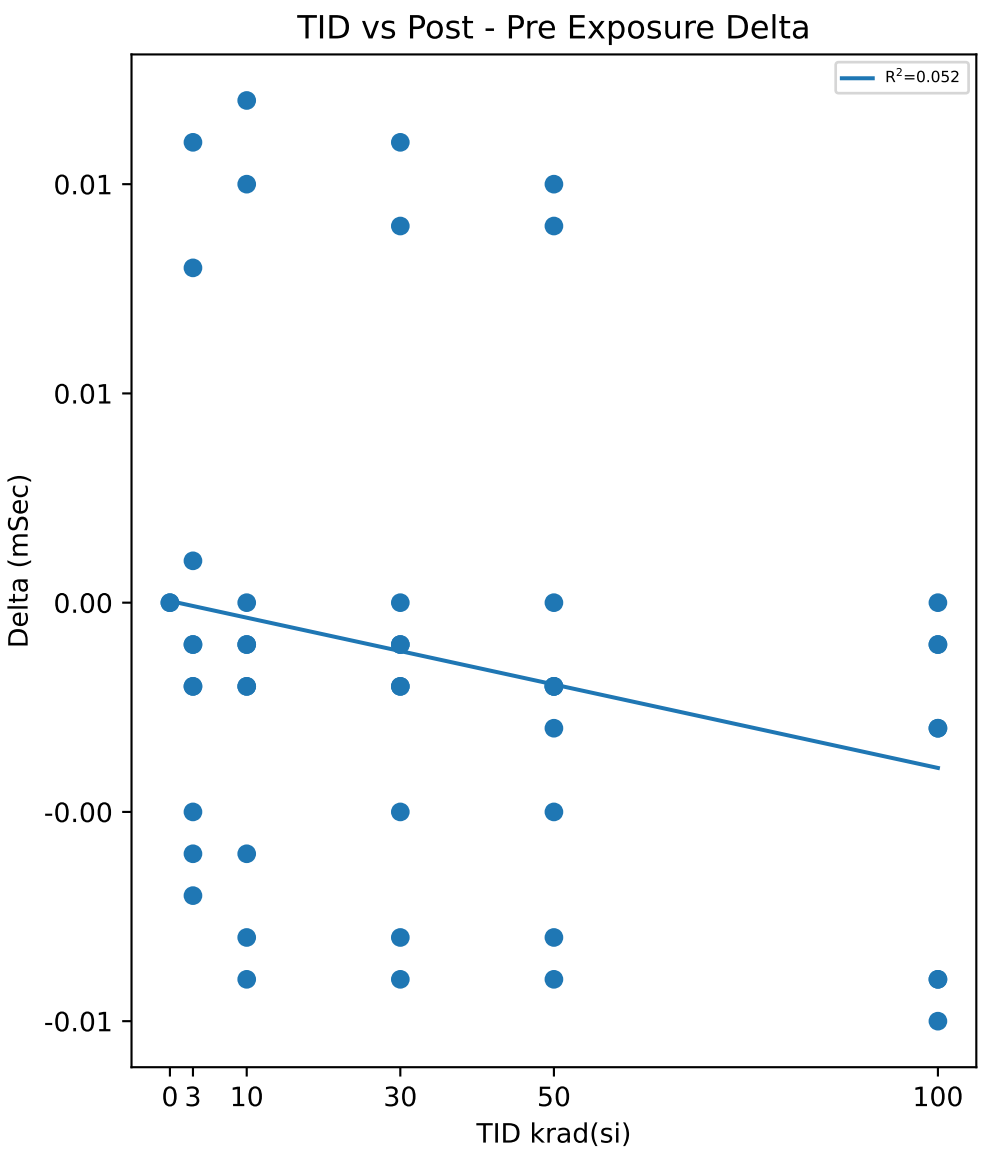
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.273	0.263	-0.01
18	3	LDR-Biased	0.27	0.269	-0.001
19	3	LDR-Biased	0.264	0.26	-0.004
20	3	LDR-Biased	0.269	0.26	-0.009
21	3	LDR-Biased	0.262	0.262	0
22	3	LDR-Unbiased	0.264	0.271	0.007
23	3	LDR-Unbiased	0.263	0.262	-0.001
25	3	LDR-Unbiased	0.262	0.26	-0.002
26	3	LDR-Unbiased	0.261	0.272	0.011
27	3	LDR-Unbiased	0.27	0.269	-0.001
46	10	LDR-Biased	0.273	0.263	-0.01
48	10	LDR-Biased	0.27	0.271	0.001
49	10	LDR-Biased	0.264	0.262	-0.002
50	10	LDR-Biased	0.269	0.262	-0.007
51	10	LDR-Biased	0.262	0.261	-0.001
52	10	LDR-Unbiased	0.264	0.269	0.005
53	10	LDR-Unbiased	0.263	0.262	-0.001
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.261	0.272	0.011
57	10	LDR-Unbiased	0.27	0.27	0
76	30	LDR-Biased	0.273	0.264	-0.009
78	30	LDR-Biased	0.27	0.27	0
79	30	LDR-Biased	0.264	0.261	-0.003
80	30	LDR-Biased	0.269	0.261	-0.008
81	30	LDR-Biased	0.262	0.26	-0.002
82	30	LDR-Unbiased	0.264	0.27	0.006
83	30	LDR-Unbiased	0.263	0.262	-0.001
84	30	LDR-Unbiased	0.27	0.27	0
85	30	LDR-Unbiased	0.262	0.26	-0.002
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.259	0.26	0.001
88	100	LDR-Biased	0.271	0.27	-0.001
90	100	LDR-Biased	0.271	0.27	-0.001
91	100	LDR-Unbiased	0.263	0.259	-0.004
93	100	LDR-Unbiased	0.26	0.259	-0.001
94	100	LDR-Unbiased	0.272	0.261	-0.011
95	100	LDR-Unbiased	0.27	0.261	-0.009
96	100	LDR-Unbiased	0.273	0.259	-0.014
106	50	LDR-Biased	0.273	0.263	-0.01
108	50	LDR-Biased	0.27	0.27	0
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.269	0.26	-0.009
111	50	LDR-Biased	0.262	0.261	-0.001
112	50	LDR-Unbiased	0.264	0.269	0.005
113	50	LDR-Unbiased	0.263	0.262	-0.001
115	50	LDR-Unbiased	0.262	0.259	-0.003
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.27	0.268	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.2655	0.27	0.006364	0.261	0.2655	0.27	0.006364	0	0	0	0
3	0.261	0.2658	0.273	0.0042635	0.26	0.2648	0.272	0.0048717	-0.01	-0.001	0.011	0.0063596
10	0.261	0.2658	0.273	0.0042635	0.26	0.2652	0.272	0.0046857	-0.01	-0.0006	0.011	0.0057966
30	0.261	0.2658	0.273	0.0042635	0.26	0.2649	0.271	0.0047481	-0.009	-0.0009	0.01	0.0056853
50	0.261	0.2658	0.273	0.0042635	0.259	0.2643	0.271	0.0046679	-0.01	-0.0015	0.01	0.0059114
100	0.259	0.26738	0.273	0.0057306	0.259	0.26238	0.27	0.004779	-0.014	-0.005	0.001	0.0055806

Device Test: 5.86 tdly_Res10p5K_EN2_SD/EN2/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





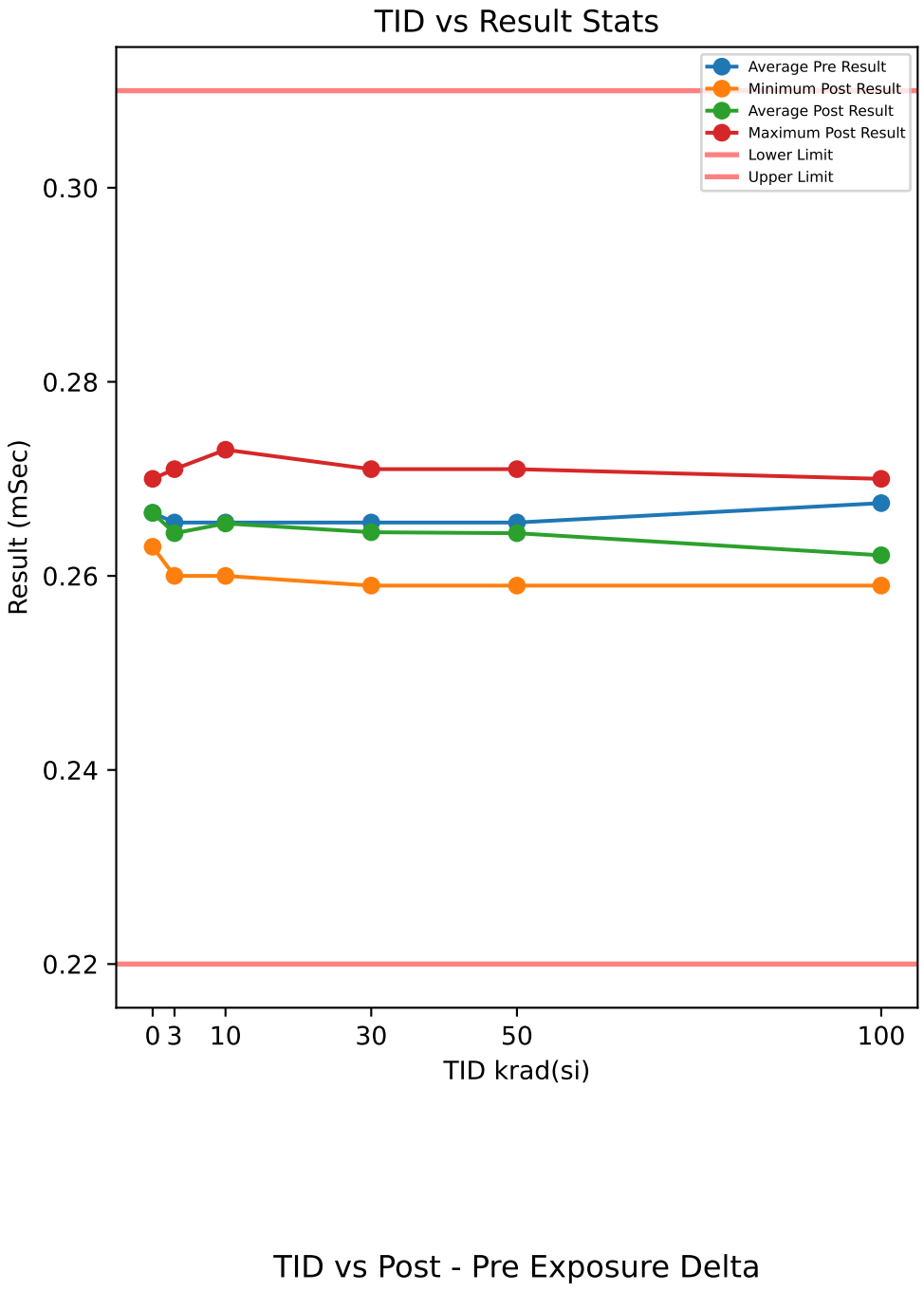
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

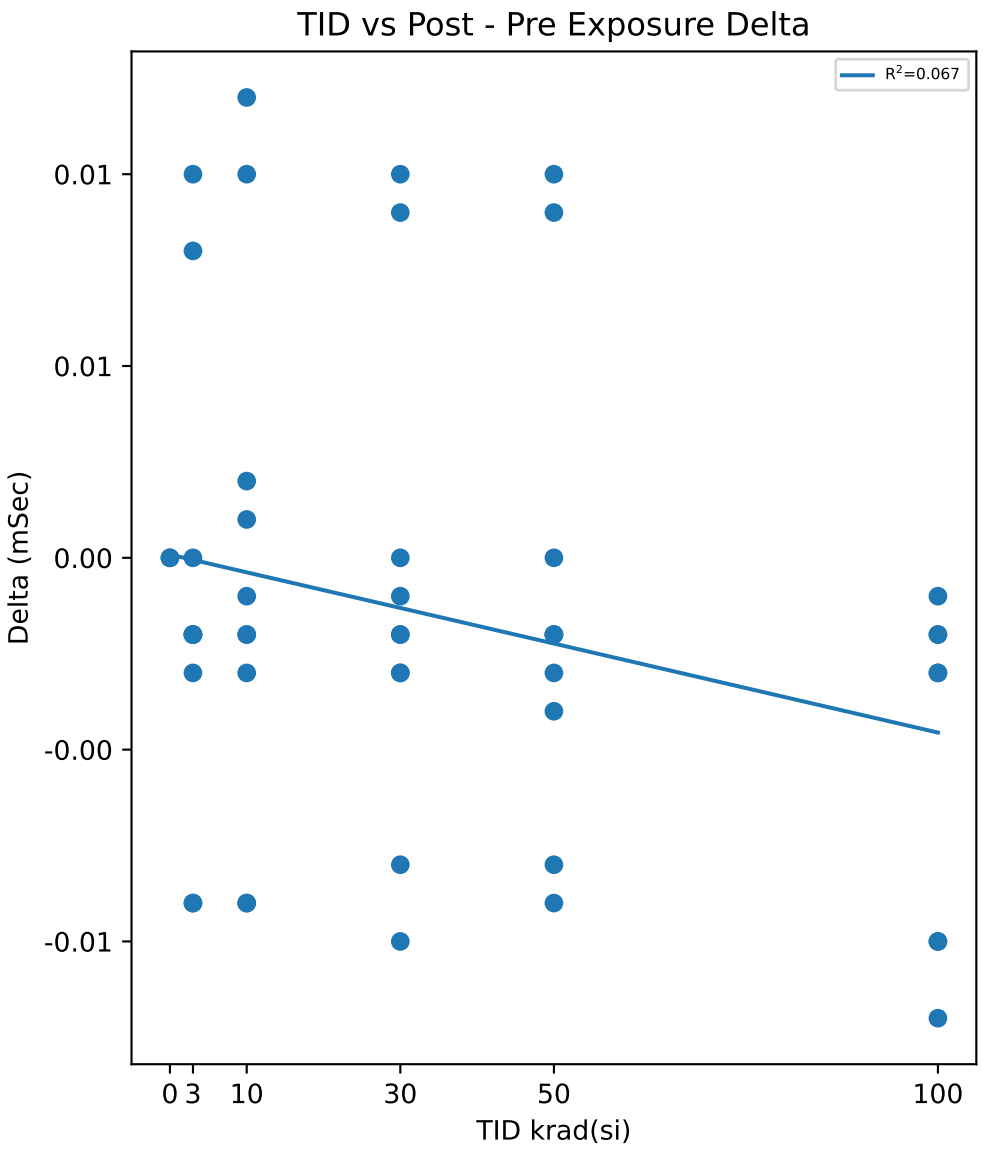
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.26	0.26	0
16	3	LDR-Biased	0.271	0.264	-0.007
18	3	LDR-Biased	0.271	0.272	0.001
19	3	LDR-Biased	0.266	0.261	-0.005
20	3	LDR-Biased	0.269	0.263	-0.006
21	3	LDR-Biased	0.261	0.26	-0.001
22	3	LDR-Unbiased	0.261	0.269	0.008
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.262	0.26	-0.002
26	3	LDR-Unbiased	0.26	0.271	0.011
27	3	LDR-Unbiased	0.271	0.27	-0.001
46	10	LDR-Biased	0.271	0.262	-0.009
48	10	LDR-Biased	0.271	0.27	-0.001
49	10	LDR-Biased	0.266	0.26	-0.006
50	10	LDR-Biased	0.269	0.261	-0.008
51	10	LDR-Biased	0.261	0.26	-0.001
52	10	LDR-Unbiased	0.261	0.271	0.01
53	10	LDR-Unbiased	0.264	0.262	-0.002
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.26	0.272	0.012
57	10	LDR-Unbiased	0.271	0.271	0
76	30	LDR-Biased	0.271	0.263	-0.008
78	30	LDR-Biased	0.271	0.271	0
79	30	LDR-Biased	0.266	0.261	-0.005
80	30	LDR-Biased	0.269	0.26	-0.009
81	30	LDR-Biased	0.261	0.26	-0.001
82	30	LDR-Unbiased	0.261	0.27	0.009
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.271	0.269	-0.002
85	30	LDR-Unbiased	0.262	0.26	-0.002
86	30	LDR-Unbiased	0.26	0.271	0.011
87	100	LDR-Biased	0.261	0.261	0
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.27	0.269	-0.001
91	100	LDR-Unbiased	0.262	0.259	-0.003
93	100	LDR-Unbiased	0.26	0.259	-0.001
94	100	LDR-Unbiased	0.271	0.262	-0.009
95	100	LDR-Unbiased	0.27	0.261	-0.009
96	100	LDR-Unbiased	0.271	0.261	-0.01
106	50	LDR-Biased	0.271	0.262	-0.009
108	50	LDR-Biased	0.271	0.269	-0.002
109	50	LDR-Biased	0.266	0.261	-0.005
110	50	LDR-Biased	0.269	0.261	-0.008
111	50	LDR-Biased	0.261	0.261	0
112	50	LDR-Unbiased	0.261	0.27	0.009
113	50	LDR-Unbiased	0.264	0.262	-0.002
115	50	LDR-Unbiased	0.262	0.259	-0.003
116	50	LDR-Unbiased	0.26	0.27	0.01
117	50	LDR-Unbiased	0.271	0.269	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.26	0.265	0.27	0.0070711	0.26	0.265	0.27	0.0070711	0	0	0	0
3	0.26	0.2656	0.271	0.0045753	0.26	0.2652	0.272	0.0047796	-0.007	-0.0004	0.011	0.0058157
10	0.26	0.2656	0.271	0.0045753	0.26	0.2649	0.272	0.0053219	-0.009	-0.0007	0.012	0.006913
30	0.26	0.2656	0.271	0.0045753	0.26	0.2648	0.271	0.0048488	-0.009	-0.0008	0.011	0.0064601
50	0.26	0.2656	0.271	0.0045753	0.259	0.2644	0.27	0.0044771	-0.009	-0.0012	0.01	0.0063034
100	0.26	0.26725	0.273	0.0052847	0.259	0.26275	0.27	0.0043012	-0.01	-0.0045	0	0.0041404

Device Test: 5.87 tdly_Res10p5K_EN3_SD/EN3/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





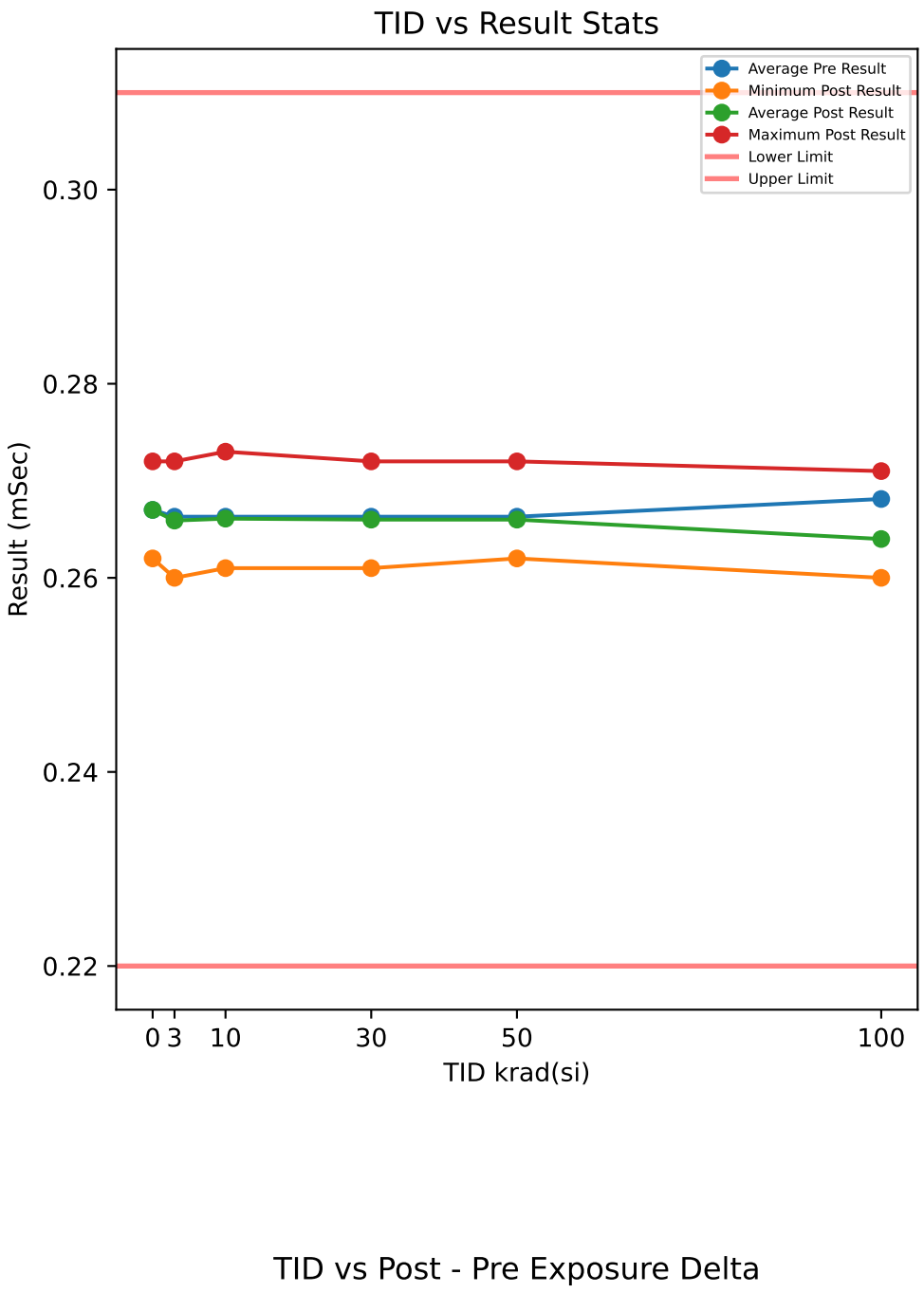
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

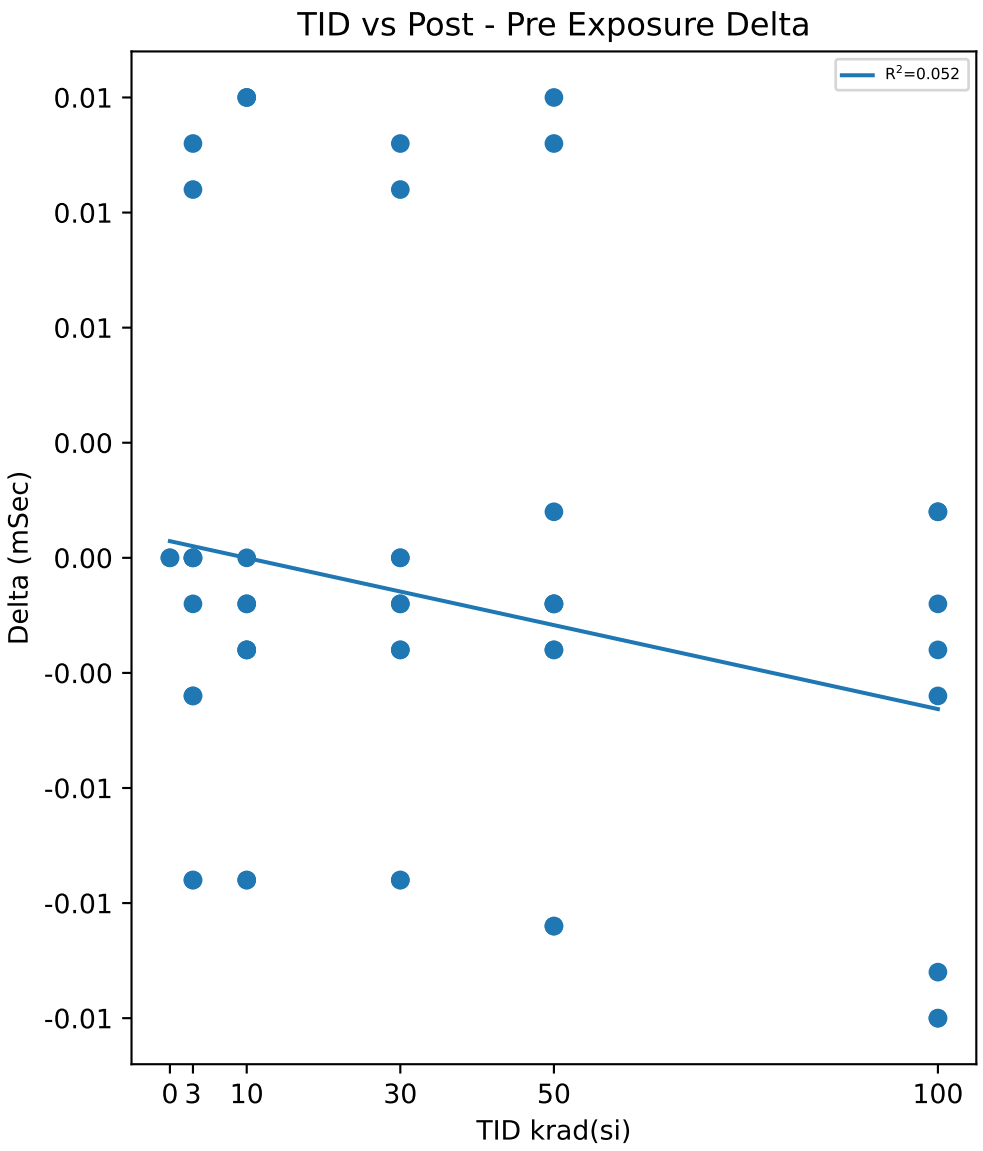
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.263	0.263	0
16	3	LDR-Biased	0.272	0.263	-0.009
18	3	LDR-Biased	0.27	0.268	-0.002
19	3	LDR-Biased	0.264	0.261	-0.003
20	3	LDR-Biased	0.269	0.26	-0.009
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.261	0.269	0.008
23	3	LDR-Unbiased	0.264	0.262	-0.002
25	3	LDR-Unbiased	0.262	0.26	-0.002
26	3	LDR-Unbiased	0.261	0.271	0.01
27	3	LDR-Unbiased	0.271	0.269	-0.002
46	10	LDR-Biased	0.272	0.263	-0.009
48	10	LDR-Biased	0.27	0.272	0.002
49	10	LDR-Biased	0.264	0.261	-0.003
50	10	LDR-Biased	0.269	0.26	-0.009
51	10	LDR-Biased	0.261	0.262	0.001
52	10	LDR-Unbiased	0.261	0.271	0.01
53	10	LDR-Unbiased	0.264	0.262	-0.002
55	10	LDR-Unbiased	0.262	0.26	-0.002
56	10	LDR-Unbiased	0.261	0.273	0.012
57	10	LDR-Unbiased	0.271	0.27	-0.001
76	30	LDR-Biased	0.272	0.262	-0.01
78	30	LDR-Biased	0.27	0.269	-0.001
79	30	LDR-Biased	0.264	0.261	-0.003
80	30	LDR-Biased	0.269	0.261	-0.008
81	30	LDR-Biased	0.261	0.261	0
82	30	LDR-Unbiased	0.261	0.27	0.009
83	30	LDR-Unbiased	0.264	0.262	-0.002
84	30	LDR-Unbiased	0.271	0.269	-0.002
85	30	LDR-Unbiased	0.262	0.259	-0.003
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.261	0.26	-0.001
88	100	LDR-Biased	0.273	0.27	-0.003
90	100	LDR-Biased	0.271	0.269	-0.002
91	100	LDR-Unbiased	0.262	0.259	-0.003
93	100	LDR-Unbiased	0.261	0.259	-0.002
94	100	LDR-Unbiased	0.271	0.261	-0.01
95	100	LDR-Unbiased	0.271	0.259	-0.012
96	100	LDR-Unbiased	0.27	0.26	-0.01
106	50	LDR-Biased	0.272	0.263	-0.009
108	50	LDR-Biased	0.27	0.268	-0.002
109	50	LDR-Biased	0.264	0.26	-0.004
110	50	LDR-Biased	0.269	0.261	-0.008
111	50	LDR-Biased	0.261	0.261	0
112	50	LDR-Unbiased	0.261	0.27	0.009
113	50	LDR-Unbiased	0.264	0.262	-0.002
115	50	LDR-Unbiased	0.262	0.259	-0.003
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.271	0.269	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.263	0.2665	0.27	0.0049497	0.263	0.2665	0.27	0.0049497	0	0	0	0
3	0.261	0.2655	0.272	0.0045031	0.26	0.2644	0.271	0.0043256	-0.009	-0.0011	0.01	0.0061364
10	0.261	0.2655	0.272	0.0045031	0.26	0.2654	0.273	0.005379	-0.009	-0.0001	0.012	0.0069033
30	0.261	0.2655	0.272	0.0045031	0.259	0.2645	0.271	0.0046248	-0.01	-0.001	0.01	0.0063421
50	0.261	0.2655	0.272	0.0045031	0.259	0.2644	0.271	0.0045753	-0.009	-0.0011	0.01	0.0062441
100	0.261	0.2675	0.273	0.0051824	0.259	0.26212	0.27	0.0046117	-0.012	-0.005375	-0.001	0.0044701

Device Test: 5.88 tdly_Res10p5K_EN4_SD/EN4/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





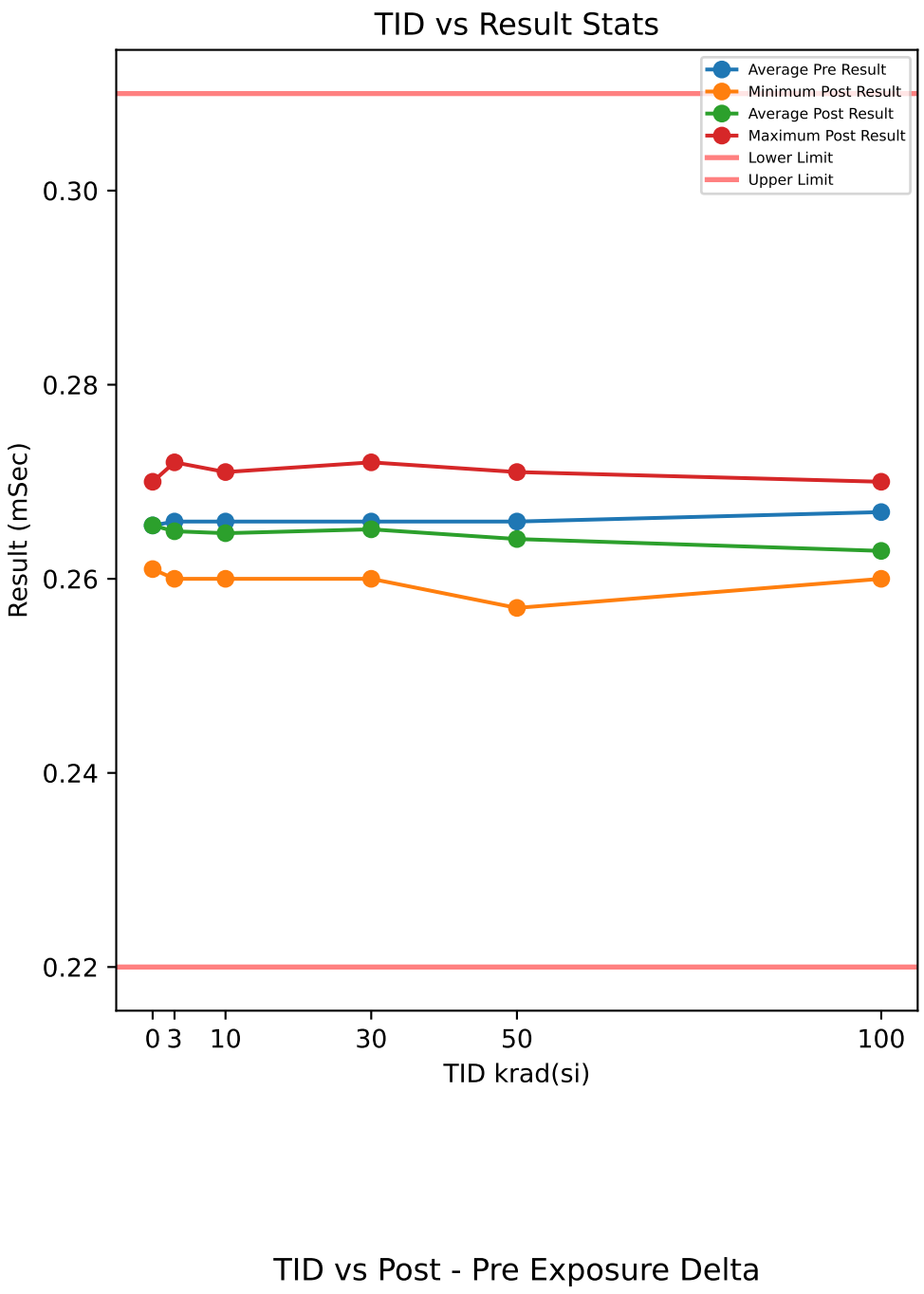
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

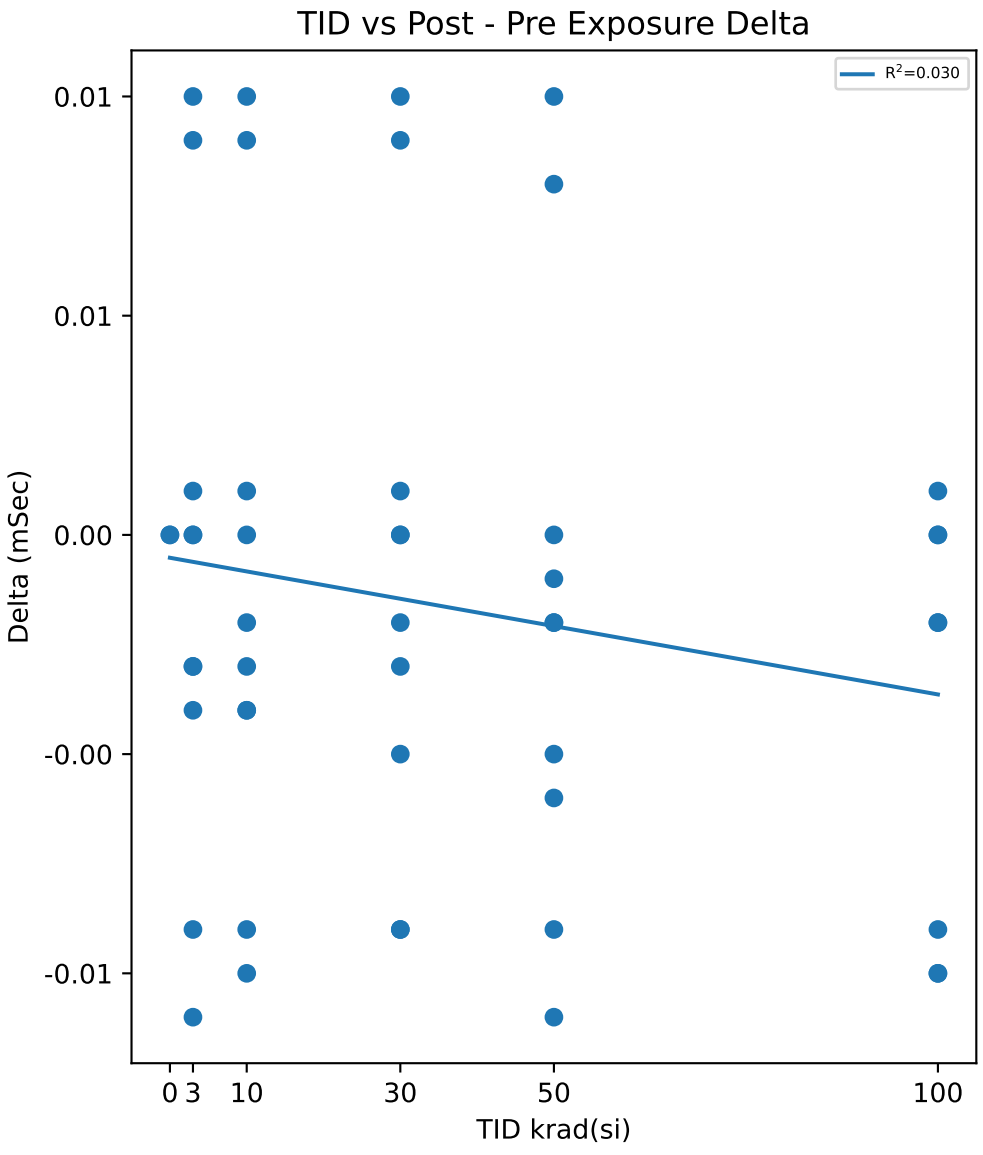
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.272	0.272	0
7	0	Correlation	0.262	0.262	0
16	3	LDR-Biased	0.272	0.265	-0.007
18	3	LDR-Biased	0.271	0.271	0
19	3	LDR-Biased	0.264	0.261	-0.003
20	3	LDR-Biased	0.27	0.263	-0.007
21	3	LDR-Biased	0.262	0.262	0
22	3	LDR-Unbiased	0.262	0.27	0.008
23	3	LDR-Unbiased	0.264	0.264	0
25	3	LDR-Unbiased	0.263	0.26	-0.003
26	3	LDR-Unbiased	0.263	0.272	0.009
27	3	LDR-Unbiased	0.272	0.271	-0.001
46	10	LDR-Biased	0.272	0.265	-0.007
48	10	LDR-Biased	0.271	0.27	-0.001
49	10	LDR-Biased	0.264	0.262	-0.002
50	10	LDR-Biased	0.27	0.263	-0.007
51	10	LDR-Biased	0.262	0.262	0
52	10	LDR-Unbiased	0.262	0.272	0.01
53	10	LDR-Unbiased	0.264	0.263	-0.001
55	10	LDR-Unbiased	0.263	0.261	-0.002
56	10	LDR-Unbiased	0.263	0.273	0.01
57	10	LDR-Unbiased	0.272	0.27	-0.002
76	30	LDR-Biased	0.272	0.265	-0.007
78	30	LDR-Biased	0.271	0.27	-0.001
79	30	LDR-Biased	0.264	0.262	-0.002
80	30	LDR-Biased	0.27	0.263	-0.007
81	30	LDR-Biased	0.262	0.262	0
82	30	LDR-Unbiased	0.262	0.27	0.008
83	30	LDR-Unbiased	0.264	0.263	-0.001
84	30	LDR-Unbiased	0.272	0.272	0
85	30	LDR-Unbiased	0.263	0.261	-0.002
86	30	LDR-Unbiased	0.263	0.272	0.009
87	100	LDR-Biased	0.261	0.262	0.001
88	100	LDR-Biased	0.274	0.271	-0.003
90	100	LDR-Biased	0.272	0.271	-0.001
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.261	0.262	0.001
94	100	LDR-Unbiased	0.272	0.262	-0.01
95	100	LDR-Unbiased	0.271	0.262	-0.009
96	100	LDR-Unbiased	0.272	0.262	-0.01
106	50	LDR-Biased	0.272	0.264	-0.008
108	50	LDR-Biased	0.271	0.269	-0.002
109	50	LDR-Biased	0.264	0.263	-0.001
110	50	LDR-Biased	0.27	0.262	-0.008
111	50	LDR-Biased	0.262	0.263	0.001
112	50	LDR-Unbiased	0.262	0.272	0.01
113	50	LDR-Unbiased	0.264	0.263	-0.001
115	50	LDR-Unbiased	0.263	0.262	-0.001
116	50	LDR-Unbiased	0.263	0.272	0.009
117	50	LDR-Unbiased	0.272	0.27	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.262	0.267	0.272	0.0070711	0.262	0.267	0.272	0.0070711	0	0	0	0
3	0.262	0.2663	0.272	0.0043474	0.26	0.2659	0.272	0.0046296	-0.007	-0.0004	0.009	0.005379
10	0.262	0.2663	0.272	0.0043474	0.261	0.2661	0.273	0.0046296	-0.007	-0.0002	0.01	0.0058841
30	0.262	0.2663	0.272	0.0043474	0.261	0.266	0.272	0.0044721	-0.007	-0.0003	0.009	0.0052926
50	0.262	0.2663	0.272	0.0043474	0.262	0.266	0.272	0.0042164	-0.008	-0.0003	0.01	0.0059638
100	0.261	0.26813	0.274	0.005693	0.26	0.264	0.271	0.0043753	-0.01	-0.004125	0.001	0.004794

Device Test: 5.89 tdly_Res10p5K_SEQ_SD/SEQ_DONE/1.6/14/10.5K/0/0/@DLY_TMR_10KOHM





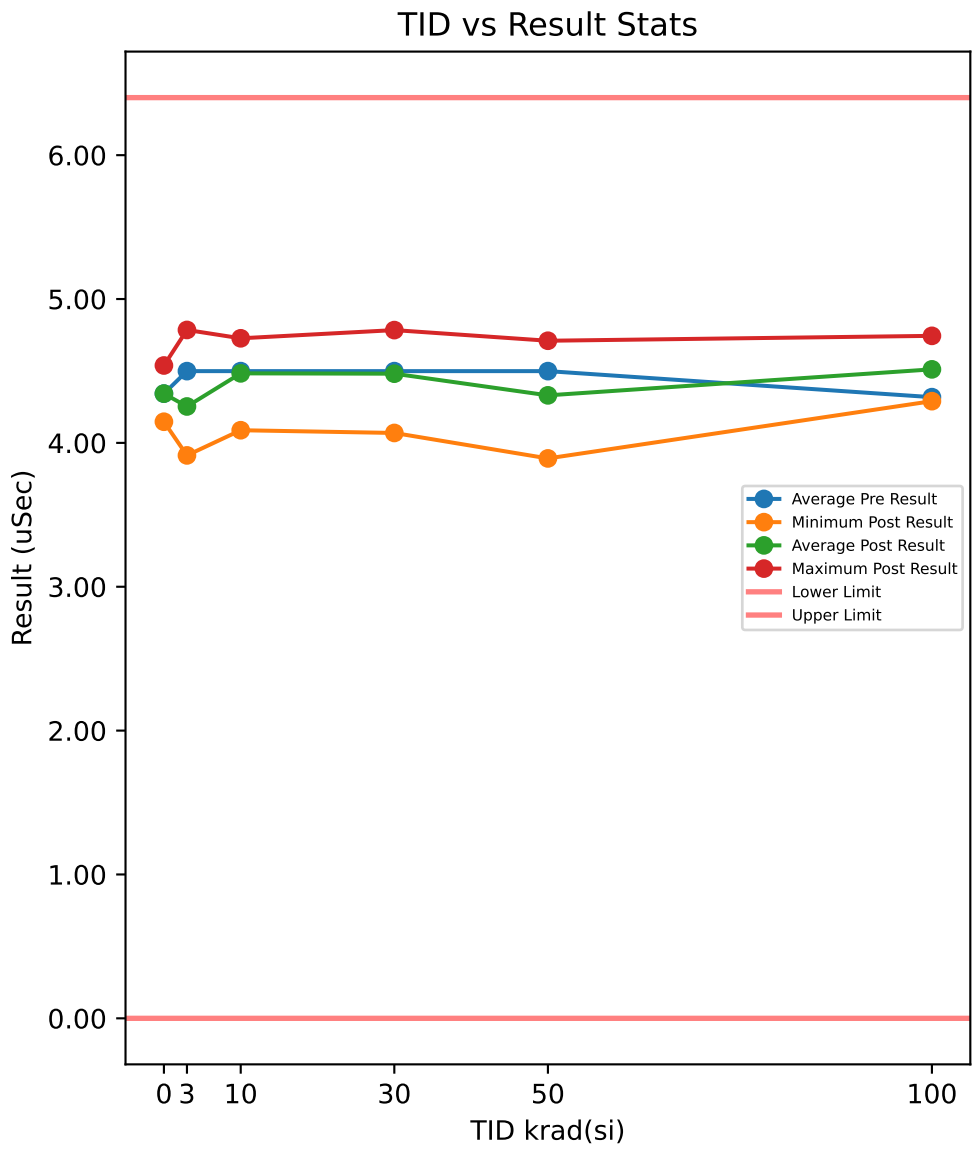
Test Results (Lower Limit = 0.22, Upper Limit = 0.31 (mSec))

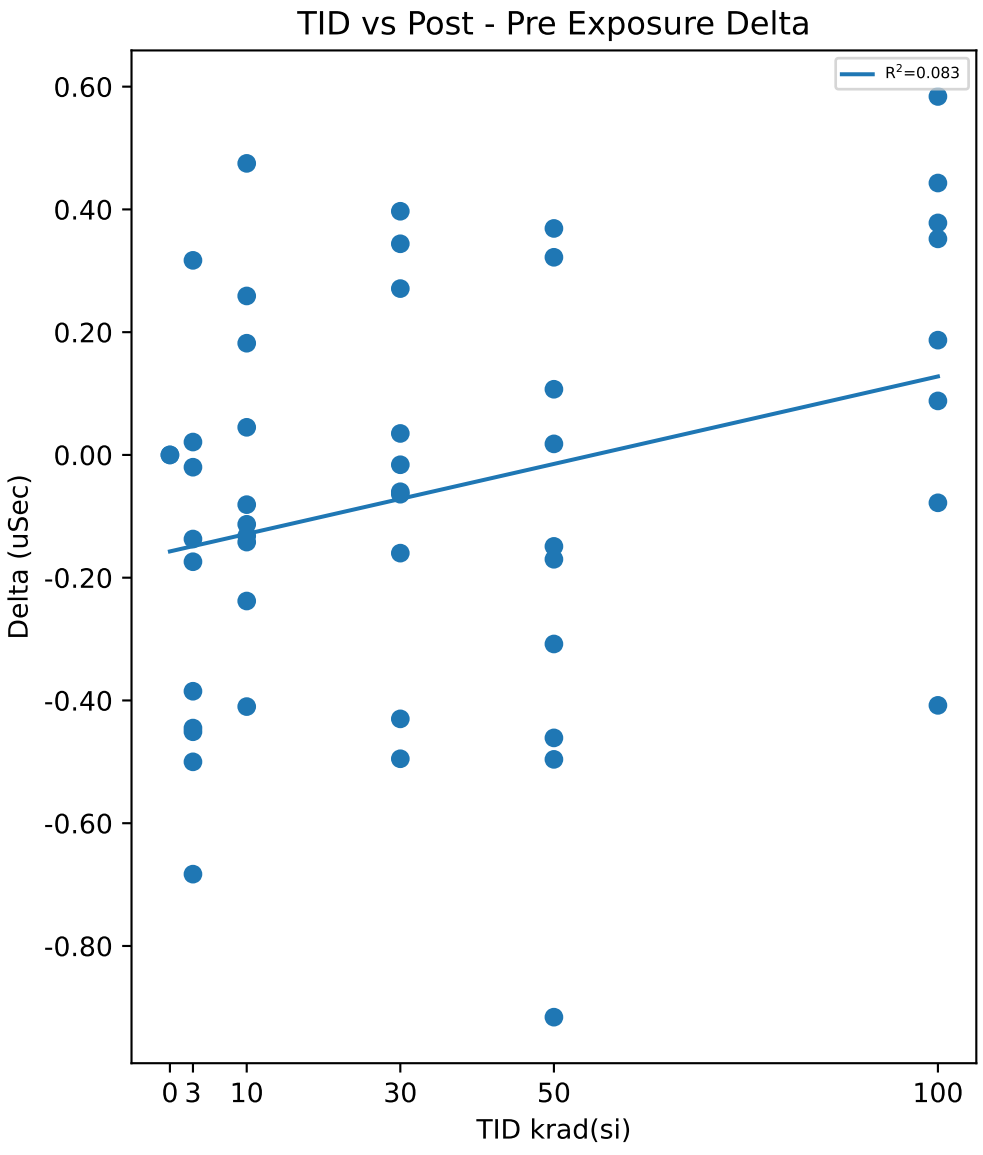
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.27	0.27	0
7	0	Correlation	0.261	0.261	0
16	3	LDR-Biased	0.273	0.262	-0.011
18	3	LDR-Biased	0.271	0.272	0.001
19	3	LDR-Biased	0.265	0.261	-0.004
20	3	LDR-Biased	0.27	0.261	-0.009
21	3	LDR-Biased	0.261	0.261	0
22	3	LDR-Unbiased	0.261	0.27	0.009
23	3	LDR-Unbiased	0.262	0.262	0
25	3	LDR-Unbiased	0.263	0.26	-0.003
26	3	LDR-Unbiased	0.261	0.271	0.01
27	3	LDR-Unbiased	0.272	0.269	-0.003
46	10	LDR-Biased	0.273	0.264	-0.009
48	10	LDR-Biased	0.271	0.269	-0.002
49	10	LDR-Biased	0.265	0.261	-0.004
50	10	LDR-Biased	0.27	0.26	-0.01
51	10	LDR-Biased	0.261	0.262	0.001
52	10	LDR-Unbiased	0.261	0.27	0.009
53	10	LDR-Unbiased	0.262	0.262	0
55	10	LDR-Unbiased	0.263	0.26	-0.003
56	10	LDR-Unbiased	0.261	0.271	0.01
57	10	LDR-Unbiased	0.272	0.268	-0.004
76	30	LDR-Biased	0.273	0.264	-0.009
78	30	LDR-Biased	0.271	0.272	0.001
79	30	LDR-Biased	0.265	0.26	-0.005
80	30	LDR-Biased	0.27	0.261	-0.009
81	30	LDR-Biased	0.261	0.261	0
82	30	LDR-Unbiased	0.261	0.27	0.009
83	30	LDR-Unbiased	0.262	0.262	0
84	30	LDR-Unbiased	0.272	0.27	-0.002
85	30	LDR-Unbiased	0.263	0.26	-0.003
86	30	LDR-Unbiased	0.261	0.271	0.01
87	100	LDR-Biased	0.26	0.26	0
88	100	LDR-Biased	0.272	0.27	-0.002
90	100	LDR-Biased	0.27	0.27	0
91	100	LDR-Unbiased	0.262	0.26	-0.002
93	100	LDR-Unbiased	0.26	0.261	0.001
94	100	LDR-Unbiased	0.271	0.262	-0.009
95	100	LDR-Unbiased	0.27	0.26	-0.01
96	100	LDR-Unbiased	0.27	0.26	-0.01
106	50	LDR-Biased	0.273	0.262	-0.011
108	50	LDR-Biased	0.271	0.269	-0.002
109	50	LDR-Biased	0.265	0.26	-0.005
110	50	LDR-Biased	0.27	0.261	-0.009
111	50	LDR-Biased	0.261	0.261	0
112	50	LDR-Unbiased	0.261	0.269	0.008
113	50	LDR-Unbiased	0.262	0.261	-0.001
115	50	LDR-Unbiased	0.263	0.257	-0.006
116	50	LDR-Unbiased	0.261	0.271	0.01
117	50	LDR-Unbiased	0.272	0.27	-0.002

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.261	0.2655	0.27	0.006364	0.261	0.2655	0.27	0.006364	0	0	0	0
3	0.261	0.2659	0.273	0.0050211	0.26	0.2649	0.272	0.0049092	-0.011	-0.001	0.01	0.006733
10	0.261	0.2659	0.273	0.0050211	0.26	0.2647	0.271	0.0043474	-0.01	-0.0012	0.01	0.0066131
30	0.261	0.2659	0.273	0.0050211	0.26	0.2651	0.272	0.0050211	-0.009	-0.0008	0.01	0.0064601
50	0.261	0.2659	0.273	0.0050211	0.257	0.2641	0.271	0.0050651	-0.011	-0.0018	0.01	0.0066966
100	0.26	0.26688	0.272	0.0052219	0.26	0.26288	0.27	0.0044541	-0.01	-0.004	0.001	0.0048107

Device Test: 5.9 tpd_EN4_SD/EN4/1.6/3/0/0/0/@TPD_EN





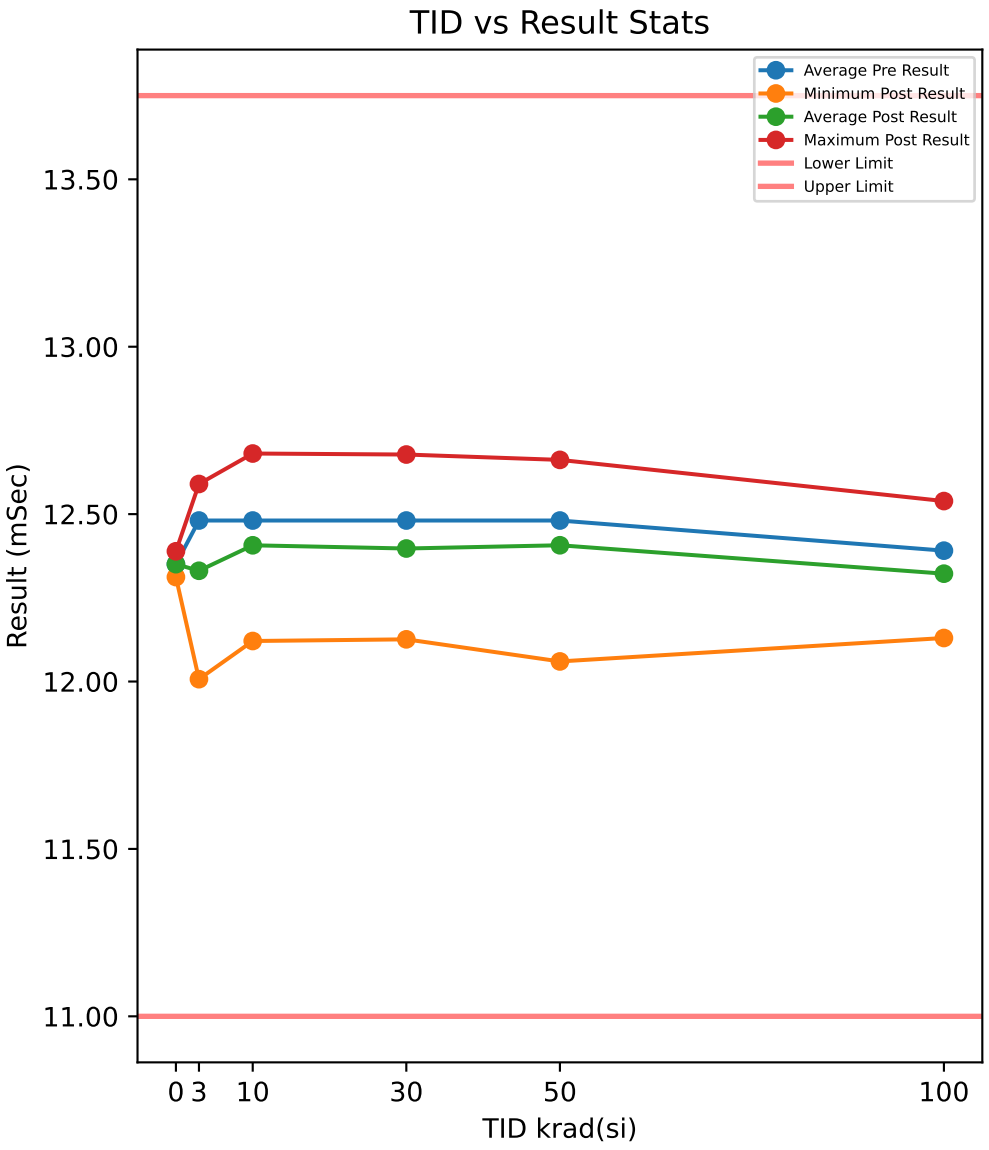
Test Results (Lower Limit = 0.0, Upper Limit = 6.4 (uSec))

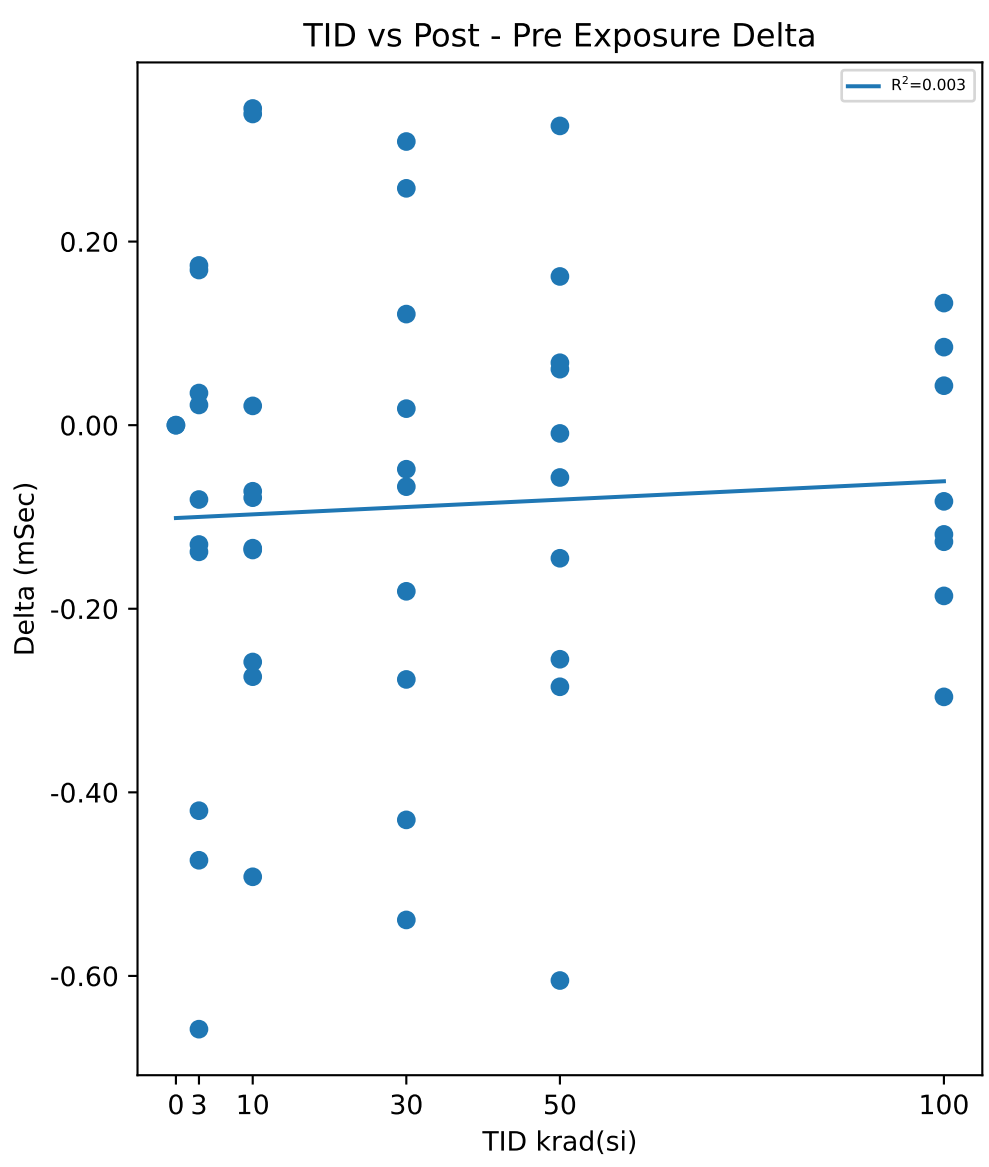
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	4.147	4.147	0
7	0	Correlation	4.538	4.538	0
16	3	LDR-Biased	4.229	4.25	0.021
18	3	LDR-Biased	4.498	4.113	-0.385
19	3	LDR-Biased	4.51	4.065	-0.445
20	3	LDR-Biased	4.387	4.25	-0.137
21	3	LDR-Biased	4.805	4.785	-0.02
22	3	LDR-Unbiased	4.206	4.032	-0.174
23	3	LDR-Unbiased	4.341	4.658	0.317
25	3	LDR-Unbiased	4.84	4.157	-0.683
26	3	LDR-Unbiased	4.808	4.308	-0.5
27	3	LDR-Unbiased	4.364	3.913	-0.451
46	10	LDR-Biased	4.229	4.411	0.182
48	10	LDR-Biased	4.498	4.088	-0.41
49	10	LDR-Biased	4.51	4.272	-0.238
50	10	LDR-Biased	4.387	4.245	-0.142
51	10	LDR-Biased	4.805	4.673	-0.132
52	10	LDR-Unbiased	4.206	4.681	0.475
53	10	LDR-Unbiased	4.341	4.6	0.259
55	10	LDR-Unbiased	4.84	4.727	-0.113
56	10	LDR-Unbiased	4.808	4.727	-0.081
57	10	LDR-Unbiased	4.364	4.409	0.045
76	30	LDR-Biased	4.229	4.069	-0.16
78	30	LDR-Biased	4.498	4.434	-0.064
79	30	LDR-Biased	4.51	4.781	0.271
80	30	LDR-Biased	4.387	4.784	0.397
81	30	LDR-Biased	4.805	4.375	-0.43
82	30	LDR-Unbiased	4.206	4.55	0.344
83	30	LDR-Unbiased	4.341	4.376	0.035
84	30	LDR-Unbiased	4.364	4.348	-0.016
85	30	LDR-Unbiased	4.84	4.345	-0.495
86	30	LDR-Unbiased	4.808	4.748	-0.06
87	100	LDR-Biased	4.1	4.684	0.584
88	100	LDR-Biased	4.038	4.481	0.443
90	100	LDR-Biased	4.577	4.499	-0.078
91	100	LDR-Unbiased	4.557	4.744	0.187
93	100	LDR-Unbiased	3.938	4.29	0.352
94	100	LDR-Unbiased	4.747	4.339	-0.408
95	100	LDR-Unbiased	4.087	4.465	0.378
96	100	LDR-Unbiased	4.499	4.587	0.088
106	50	LDR-Biased	4.229	4.551	0.322
108	50	LDR-Biased	4.498	4.516	0.018
109	50	LDR-Biased	4.51	4.34	-0.17
110	50	LDR-Biased	4.387	4.494	0.107
111	50	LDR-Biased	4.805	4.309	-0.496
112	50	LDR-Unbiased	4.206	4.057	-0.149
113	50	LDR-Unbiased	4.341	4.71	0.369
115	50	LDR-Unbiased	4.84	4.379	-0.461
116	50	LDR-Unbiased	4.808	3.892	-0.916
117	50	LDR-Unbiased	4.364	4.056	-0.308

Test Statistics (uSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.147	4.3425	4.538	0.27648	4.147	4.3425	4.538	0.27648	0	0	0	0
3	4.206	4.4988	4.84	0.24037	3.913	4.2531	4.785	0.27461	-0.683	-0.2457	0.317	0.30052
10	4.206	4.4988	4.84	0.24037	4.088	4.4833	4.727	0.22996	-0.41	-0.0155	0.475	0.25973
30	4.206	4.4988	4.84	0.24037	4.069	4.481	4.784	0.23292	-0.495	-0.0178	0.397	0.30017
50	4.206	4.4988	4.84	0.24037	3.892	4.3304	4.71	0.25801	-0.916	-0.1684	0.369	0.39603
100	3.938	4.3179	4.747	0.30815	4.29	4.5111	4.744	0.15656	-0.408	0.19325	0.584	0.32084

Device Test: 5.90 tdly_Res619K_EN1_SU/EN1/1.6/14/619K/0/0/@DLY_TMR_500KOHM





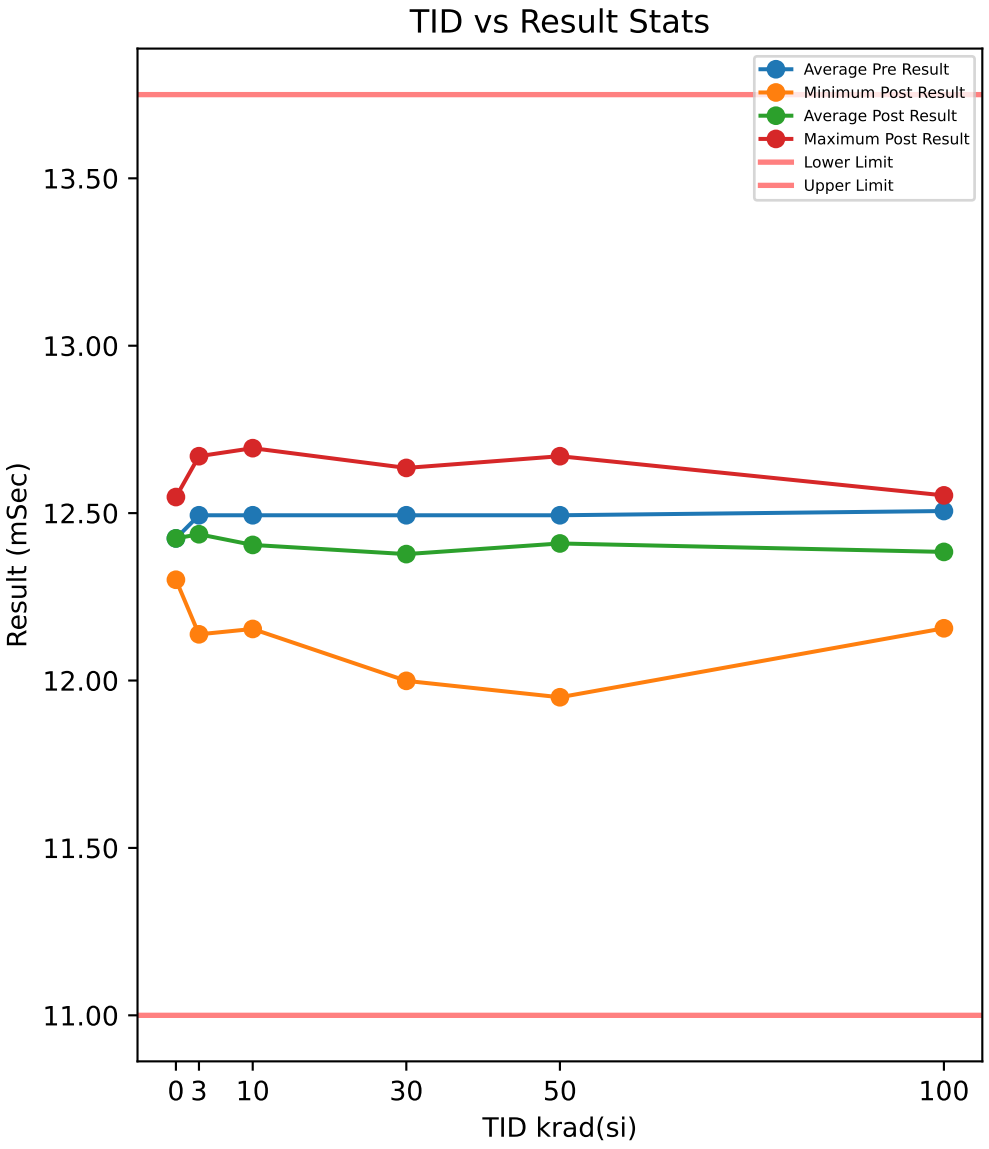
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

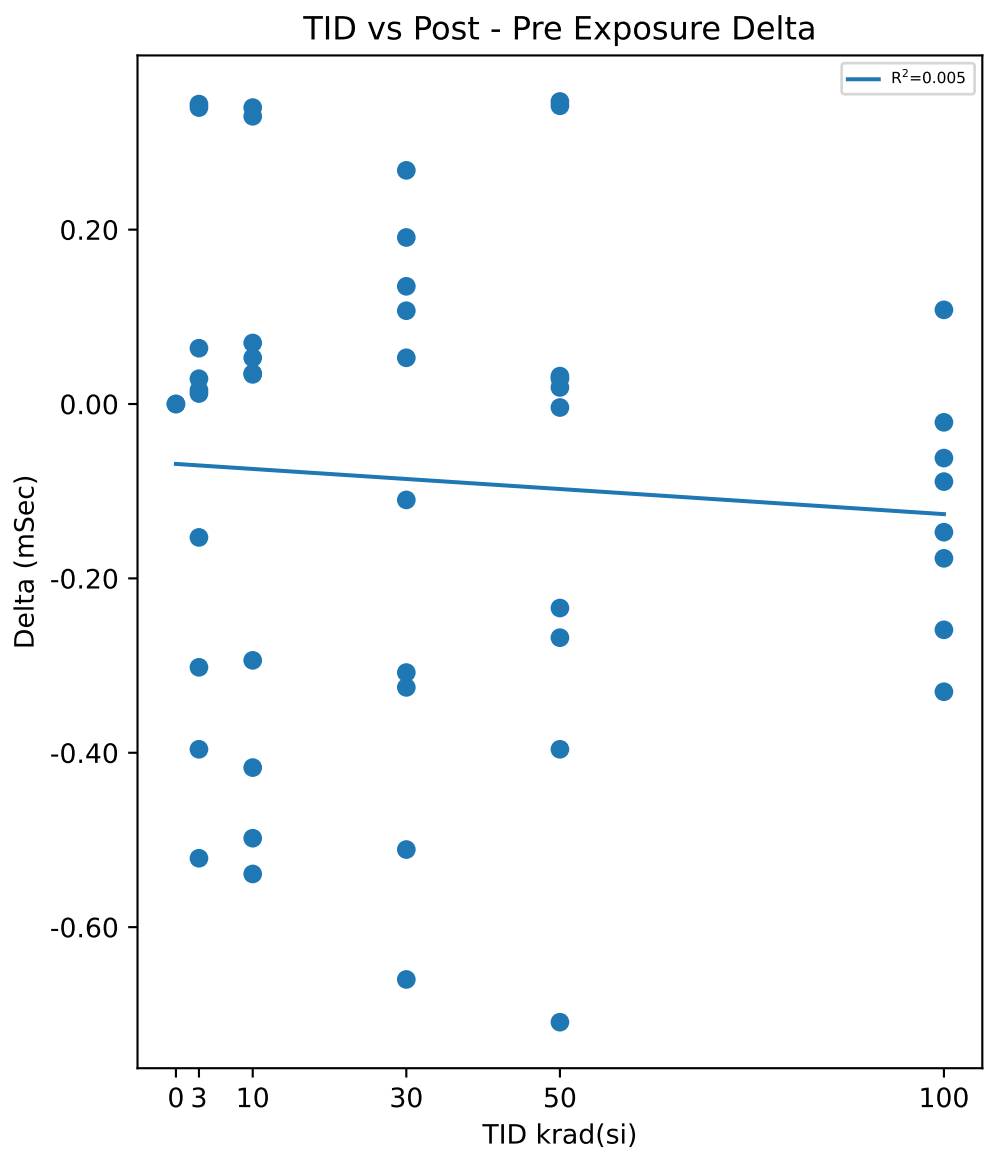
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.389	12.389	0
7	0	Correlation	12.312	12.312	0
16	3	LDR-Biased	12.558	12.138	-0.42
18	3	LDR-Biased	12.66	12.522	-0.138
19	3	LDR-Biased	12.476	12.346	-0.13
20	3	LDR-Biased	12.577	12.103	-0.474
21	3	LDR-Biased	12.255	12.29	0.035
22	3	LDR-Unbiased	12.285	12.454	0.169
23	3	LDR-Unbiased	12.671	12.59	-0.081
25	3	LDR-Unbiased	12.665	12.007	-0.658
26	3	LDR-Unbiased	12.326	12.348	0.022
27	3	LDR-Unbiased	12.336	12.51	0.174
46	10	LDR-Biased	12.558	12.3	-0.258
48	10	LDR-Biased	12.66	12.524	-0.136
49	10	LDR-Biased	12.476	12.497	0.021
50	10	LDR-Biased	12.577	12.303	-0.274
51	10	LDR-Biased	12.255	12.121	-0.134
52	10	LDR-Unbiased	12.285	12.624	0.339
53	10	LDR-Unbiased	12.671	12.592	-0.079
55	10	LDR-Unbiased	12.665	12.173	-0.492
56	10	LDR-Unbiased	12.326	12.254	-0.072
57	10	LDR-Unbiased	12.336	12.681	0.345
76	30	LDR-Biased	12.558	12.281	-0.277
78	30	LDR-Biased	12.66	12.678	0.018
79	30	LDR-Biased	12.476	12.295	-0.181
80	30	LDR-Biased	12.577	12.147	-0.43
81	30	LDR-Biased	12.255	12.376	0.121
82	30	LDR-Unbiased	12.285	12.594	0.309
83	30	LDR-Unbiased	12.671	12.623	-0.048
84	30	LDR-Unbiased	12.336	12.594	0.258
85	30	LDR-Unbiased	12.665	12.126	-0.539
86	30	LDR-Unbiased	12.326	12.259	-0.067
87	100	LDR-Biased	12.247	12.332	0.085
88	100	LDR-Biased	12.666	12.539	-0.127
90	100	LDR-Biased	12.492	12.535	0.043
91	100	LDR-Unbiased	12.126	12.259	0.133
93	100	LDR-Unbiased	12.249	12.13	-0.119
94	100	LDR-Unbiased	12.535	12.239	-0.296
95	100	LDR-Unbiased	12.485	12.402	-0.083
96	100	LDR-Unbiased	12.327	12.141	-0.186
106	50	LDR-Biased	12.558	12.273	-0.285
108	50	LDR-Biased	12.66	12.651	-0.009
109	50	LDR-Biased	12.476	12.419	-0.057
110	50	LDR-Biased	12.577	12.322	-0.255
111	50	LDR-Biased	12.255	12.316	0.061
112	50	LDR-Unbiased	12.285	12.447	0.162
113	50	LDR-Unbiased	12.671	12.526	-0.145
115	50	LDR-Unbiased	12.665	12.06	-0.605
116	50	LDR-Unbiased	12.326	12.394	0.068
117	50	LDR-Unbiased	12.336	12.662	0.326

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.312	12.351	12.389	0.054447	12.312	12.351	12.389	0.054447	0	0	0	0
3	12.255	12.481	12.671	0.16724	12.007	12.331	12.59	0.19639	-0.658	-0.1501	0.174	0.28123
10	12.255	12.481	12.671	0.16724	12.121	12.407	12.681	0.20011	-0.492	-0.074	0.345	0.2606
30	12.255	12.481	12.671	0.16724	12.126	12.397	12.678	0.20735	-0.539	-0.0836	0.309	0.27865
50	12.255	12.481	12.671	0.16724	12.06	12.407	12.662	0.18089	-0.605	-0.0739	0.326	0.26308
100	12.126	12.391	12.666	0.18151	12.13	12.322	12.539	0.16011	-0.296	-0.06875	0.133	0.14557

Device Test: 5.91 tdly_Res619K_EN2_SU/EN2/1.6/14/619K/0/0/@DLY_TMR_500KOHM





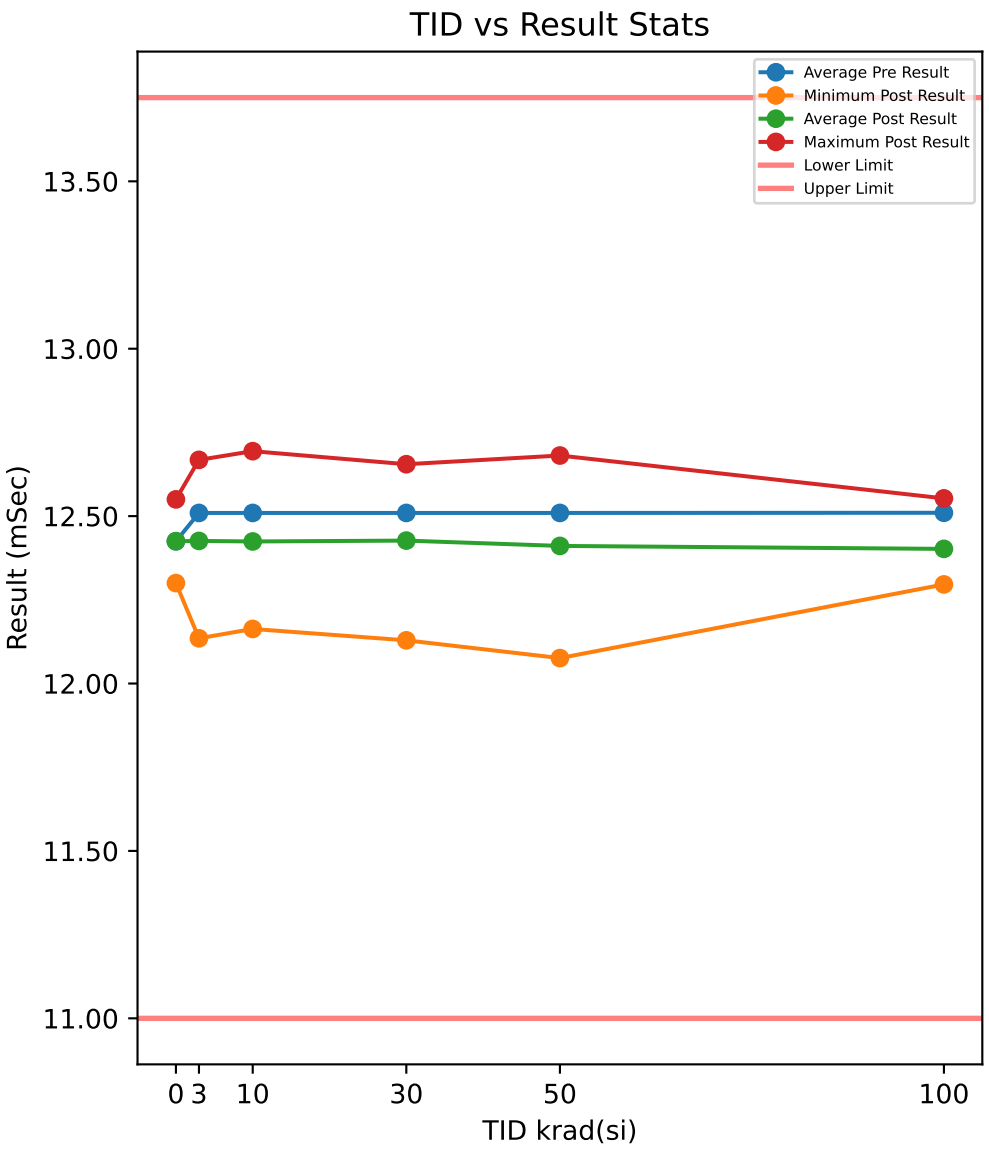
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

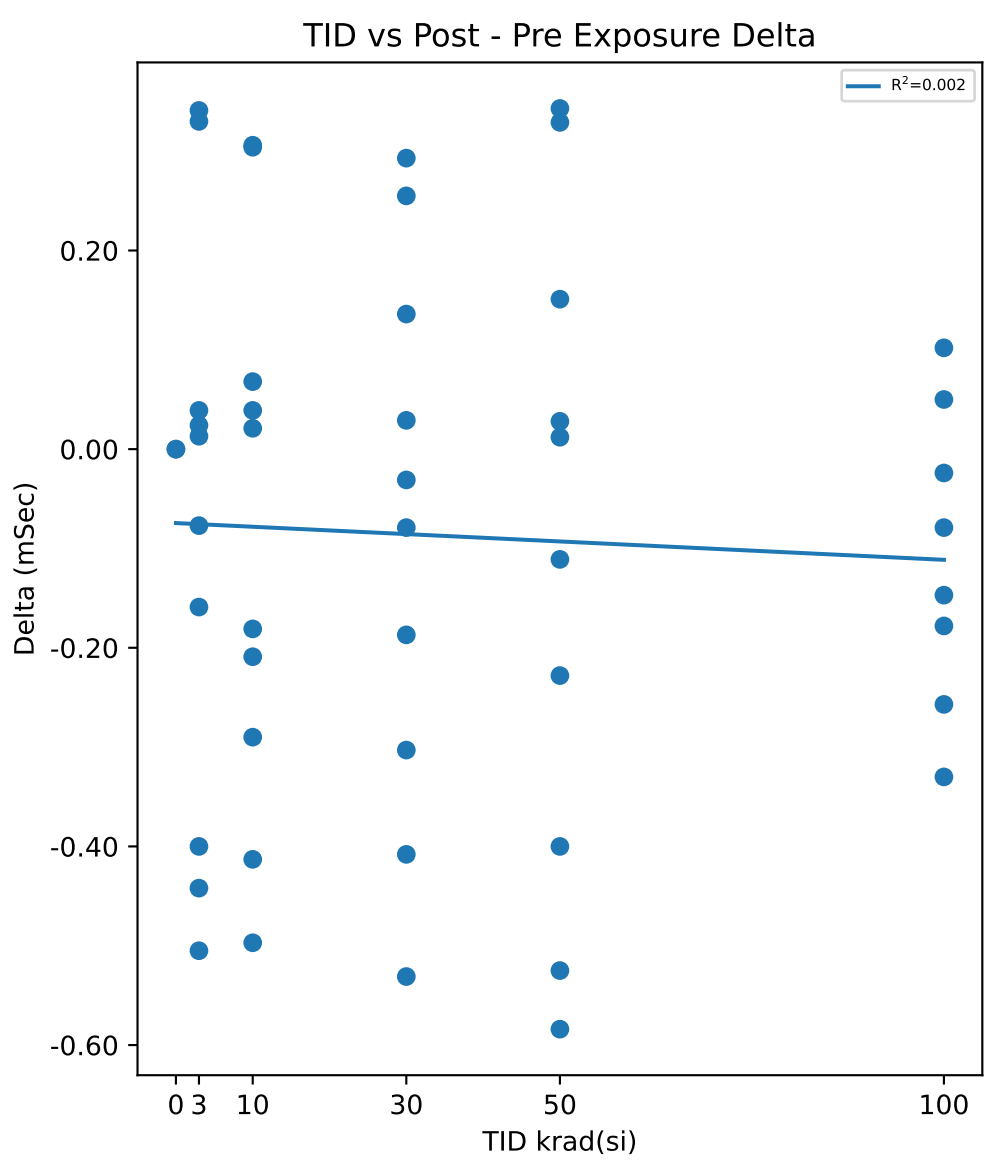
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.548	12.548	0
7	0	Correlation	12.301	12.301	0
16	3	LDR-Biased	12.693	12.297	-0.396
18	3	LDR-Biased	12.641	12.67	0.029
19	3	LDR-Biased	12.644	12.491	-0.153
20	3	LDR-Biased	12.573	12.271	-0.302
21	3	LDR-Biased	12.244	12.256	0.012
22	3	LDR-Unbiased	12.278	12.622	0.344
23	3	LDR-Unbiased	12.528	12.592	0.064
25	3	LDR-Unbiased	12.659	12.138	-0.521
26	3	LDR-Unbiased	12.348	12.364	0.016
27	3	LDR-Unbiased	12.328	12.668	0.34
46	10	LDR-Biased	12.693	12.154	-0.539
48	10	LDR-Biased	12.641	12.694	0.053
49	10	LDR-Biased	12.644	12.35	-0.294
50	10	LDR-Biased	12.573	12.156	-0.417
51	10	LDR-Biased	12.244	12.279	0.035
52	10	LDR-Unbiased	12.278	12.608	0.33
53	10	LDR-Unbiased	12.528	12.598	0.07
55	10	LDR-Unbiased	12.659	12.161	-0.498
56	10	LDR-Unbiased	12.348	12.382	0.034
57	10	LDR-Unbiased	12.328	12.668	0.34
76	30	LDR-Biased	12.693	12.182	-0.511
78	30	LDR-Biased	12.641	12.531	-0.11
79	30	LDR-Biased	12.644	12.319	-0.325
80	30	LDR-Biased	12.573	12.265	-0.308
81	30	LDR-Biased	12.244	12.379	0.135
82	30	LDR-Unbiased	12.278	12.469	0.191
83	30	LDR-Unbiased	12.528	12.635	0.107
84	30	LDR-Unbiased	12.328	12.596	0.268
85	30	LDR-Unbiased	12.659	11.999	-0.66
86	30	LDR-Unbiased	12.348	12.401	0.053
87	100	LDR-Biased	12.38	12.359	-0.021
88	100	LDR-Biased	12.697	12.55	-0.147
90	100	LDR-Biased	12.642	12.553	-0.089
91	100	LDR-Unbiased	12.279	12.387	0.108
93	100	LDR-Unbiased	12.218	12.156	-0.062
94	100	LDR-Unbiased	12.696	12.366	-0.33
95	100	LDR-Unbiased	12.663	12.404	-0.259
96	100	LDR-Unbiased	12.475	12.298	-0.177
106	50	LDR-Biased	12.693	12.297	-0.396
108	50	LDR-Biased	12.641	12.637	-0.004
109	50	LDR-Biased	12.644	12.41	-0.234
110	50	LDR-Biased	12.573	12.305	-0.268
111	50	LDR-Biased	12.244	12.263	0.019
112	50	LDR-Unbiased	12.278	12.625	0.347
113	50	LDR-Unbiased	12.528	12.557	0.029
115	50	LDR-Unbiased	12.659	11.95	-0.709
116	50	LDR-Unbiased	12.348	12.38	0.032
117	50	LDR-Unbiased	12.328	12.67	0.342

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.301	12.425	12.548	0.17466	12.301	12.425	12.548	0.17466	0	0	0	0
3	12.244	12.494	12.693	0.17523	12.138	12.437	12.67	0.19535	-0.521	-0.0567	0.344	0.28867
10	12.244	12.494	12.693	0.17523	12.154	12.405	12.694	0.21988	-0.539	-0.0886	0.34	0.32574
30	12.244	12.494	12.693	0.17523	11.999	12.378	12.635	0.19553	-0.66	-0.116	0.268	0.31895
50	12.244	12.494	12.693	0.17523	11.95	12.409	12.67	0.22233	-0.709	-0.0842	0.347	0.32571
100	12.218	12.506	12.697	0.19531	12.156	12.384	12.553	0.1292	-0.33	-0.12212	0.108	0.13809

Device Test: 5.92 tdly_Res619K_EN3_SU/EN3/1.6/14/619K/0/0/@DLY_TMR_500KOHM





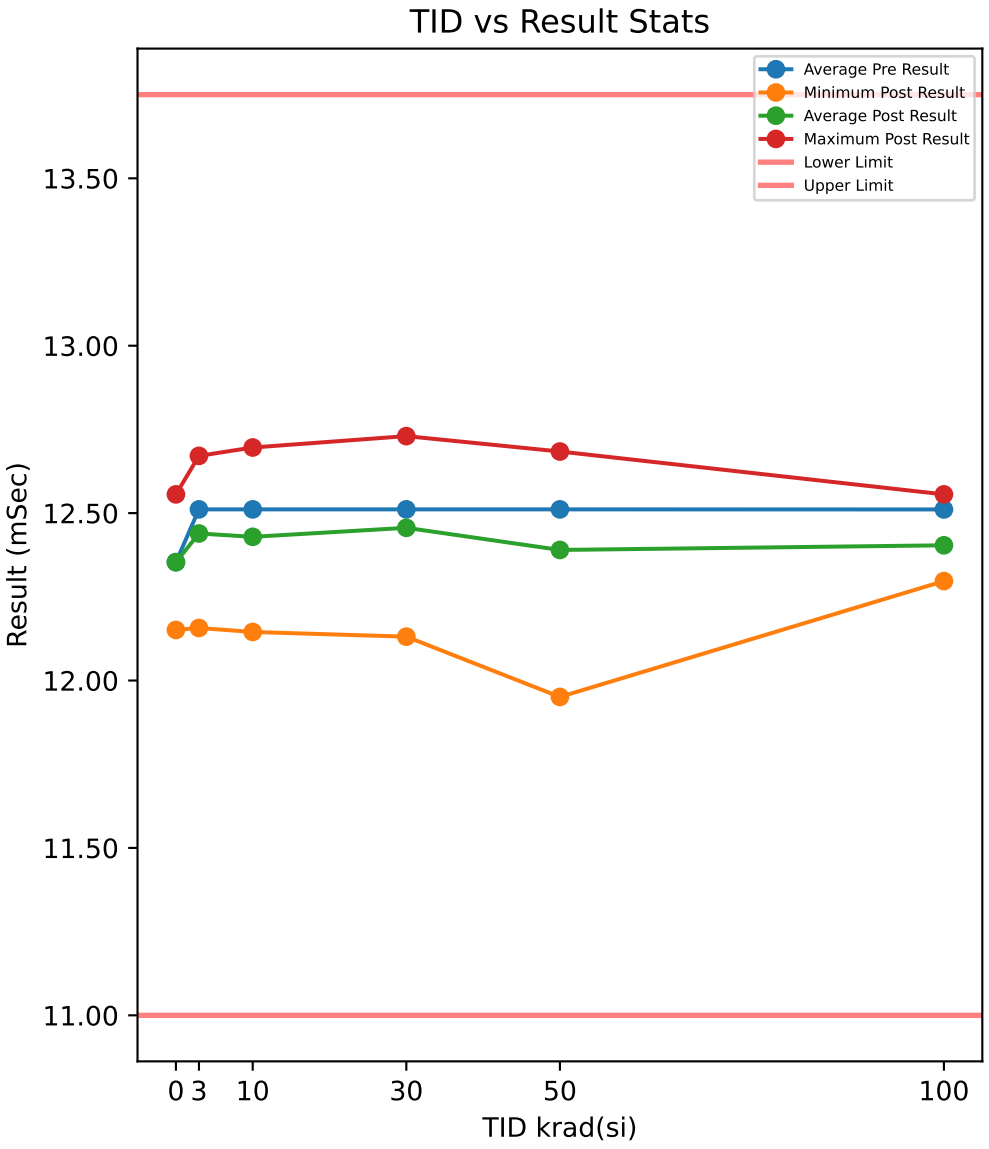
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

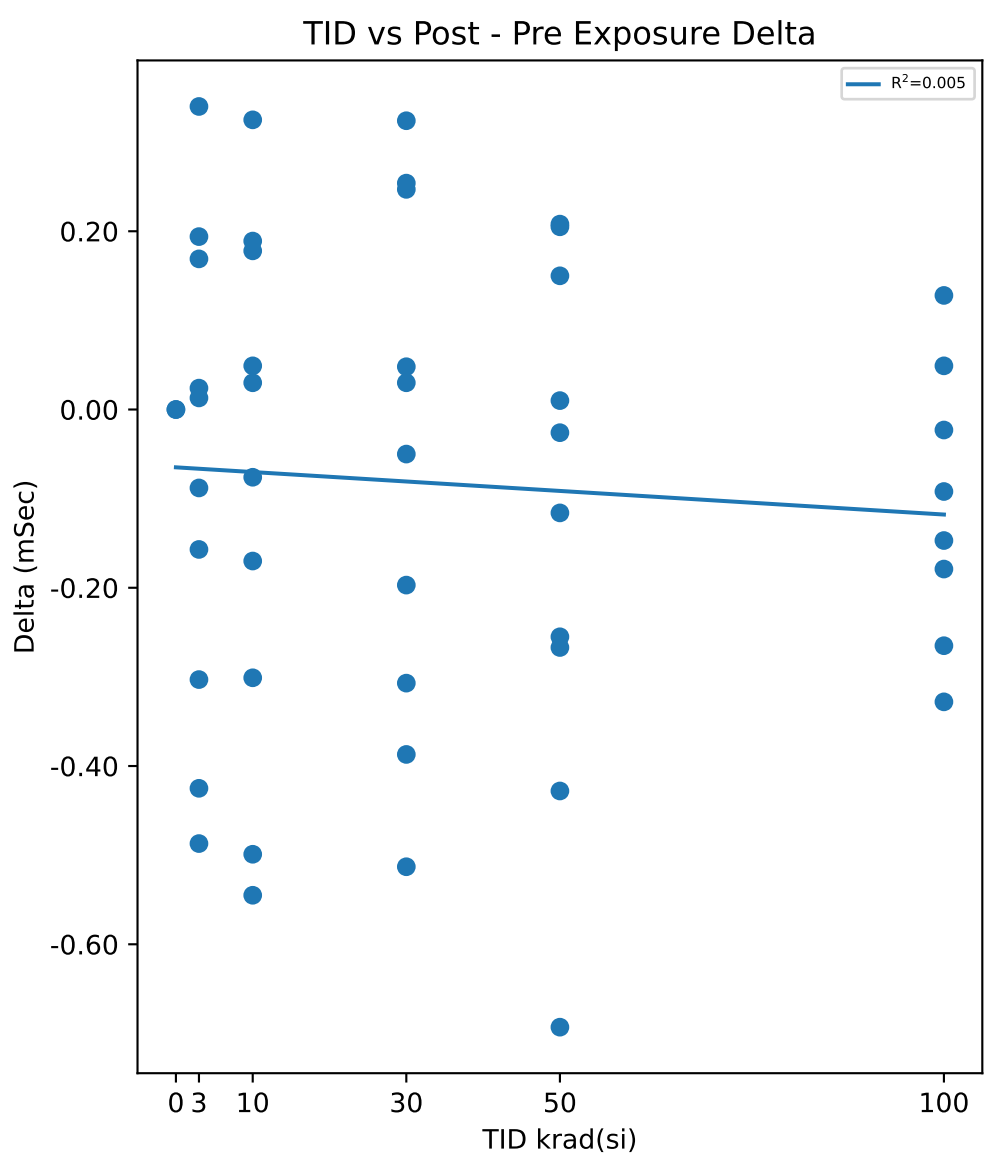
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.55	12.55	0
7	0	Correlation	12.3	12.3	0
16	3	LDR-Biased	12.696	12.296	-0.4
18	3	LDR-Biased	12.626	12.665	0.039
19	3	LDR-Biased	12.65	12.491	-0.159
20	3	LDR-Biased	12.577	12.135	-0.442
21	3	LDR-Biased	12.244	12.268	0.024
22	3	LDR-Unbiased	12.282	12.623	0.341
23	3	LDR-Unbiased	12.669	12.592	-0.077
25	3	LDR-Unbiased	12.66	12.155	-0.505
26	3	LDR-Unbiased	12.353	12.366	0.013
27	3	LDR-Unbiased	12.338	12.668	0.33
46	10	LDR-Biased	12.696	12.283	-0.413
48	10	LDR-Biased	12.626	12.694	0.068
49	10	LDR-Biased	12.65	12.469	-0.181
50	10	LDR-Biased	12.577	12.287	-0.29
51	10	LDR-Biased	12.244	12.283	0.039
52	10	LDR-Unbiased	12.282	12.586	0.304
53	10	LDR-Unbiased	12.669	12.46	-0.209
55	10	LDR-Unbiased	12.66	12.163	-0.497
56	10	LDR-Unbiased	12.353	12.374	0.021
57	10	LDR-Unbiased	12.338	12.644	0.306
76	30	LDR-Biased	12.696	12.288	-0.408
78	30	LDR-Biased	12.626	12.655	0.029
79	30	LDR-Biased	12.65	12.463	-0.187
80	30	LDR-Biased	12.577	12.274	-0.303
81	30	LDR-Biased	12.244	12.38	0.136
82	30	LDR-Unbiased	12.282	12.575	0.293
83	30	LDR-Unbiased	12.669	12.638	-0.031
84	30	LDR-Unbiased	12.338	12.593	0.255
85	30	LDR-Unbiased	12.66	12.129	-0.531
86	30	LDR-Unbiased	12.353	12.274	-0.079
87	100	LDR-Biased	12.382	12.358	-0.024
88	100	LDR-Biased	12.699	12.552	-0.147
90	100	LDR-Biased	12.632	12.553	-0.079
91	100	LDR-Unbiased	12.285	12.387	0.102
93	100	LDR-Unbiased	12.246	12.296	0.05
94	100	LDR-Unbiased	12.696	12.366	-0.33
95	100	LDR-Unbiased	12.664	12.407	-0.257
96	100	LDR-Unbiased	12.476	12.298	-0.178
106	50	LDR-Biased	12.696	12.171	-0.525
108	50	LDR-Biased	12.626	12.638	0.012
109	50	LDR-Biased	12.65	12.422	-0.228
110	50	LDR-Biased	12.577	12.177	-0.4
111	50	LDR-Biased	12.244	12.395	0.151
112	50	LDR-Unbiased	12.282	12.611	0.329
113	50	LDR-Unbiased	12.669	12.558	-0.111
115	50	LDR-Unbiased	12.66	12.076	-0.584
116	50	LDR-Unbiased	12.353	12.381	0.028
117	50	LDR-Unbiased	12.338	12.681	0.343

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.3	12.425	12.55	0.17678	12.3	12.425	12.55	0.17678	0	0	0	0
3	12.244	12.509	12.696	0.18163	12.135	12.426	12.668	0.20813	-0.505	-0.0836	0.341	0.29799
10	12.244	12.509	12.696	0.18163	12.163	12.424	12.694	0.17639	-0.497	-0.0852	0.306	0.27852
30	12.244	12.509	12.696	0.18163	12.129	12.427	12.655	0.18391	-0.531	-0.0826	0.293	0.27576
50	12.244	12.509	12.696	0.18163	12.076	12.411	12.681	0.21393	-0.584	-0.0985	0.343	0.33226
100	12.246	12.51	12.699	0.18776	12.296	12.402	12.553	0.10059	-0.33	-0.10787	0.102	0.14874

Device Test: 5.93 tdly_Res619K_EN4_SU/EN4/1.6/14/619K/0/0/@DLY_TMR_500KOHM





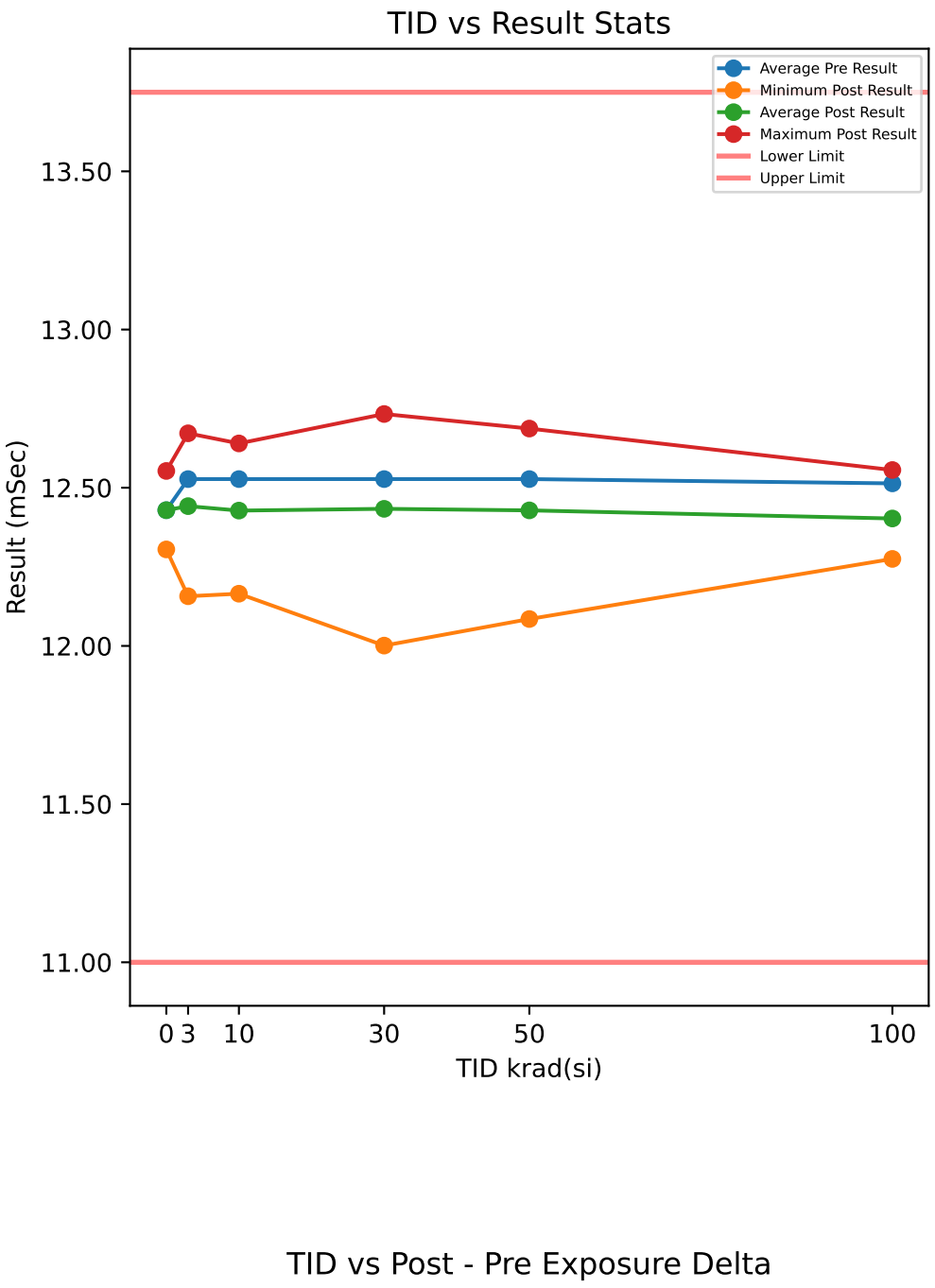
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

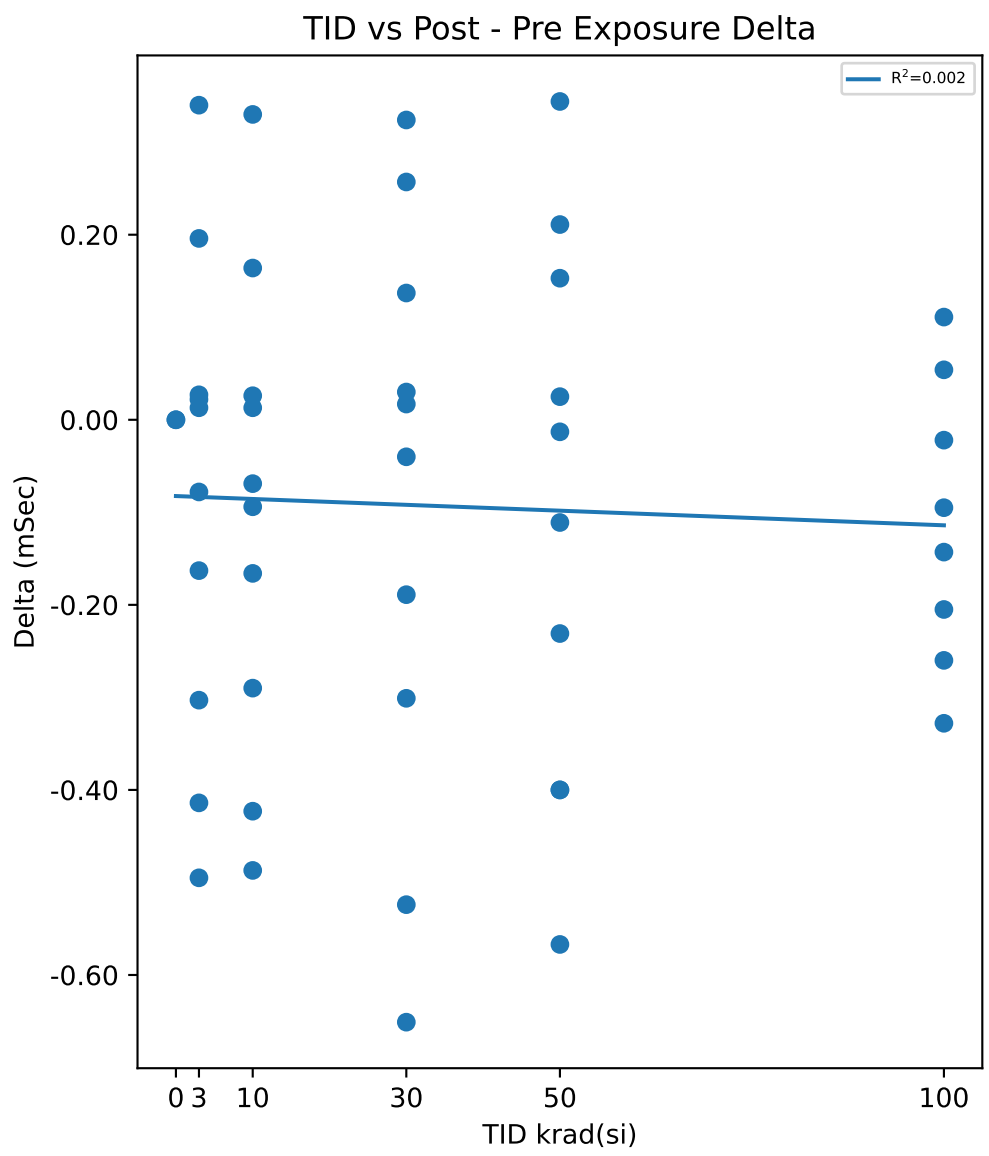
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.556	12.556	0
7	0	Correlation	12.151	12.151	0
16	3	LDR-Biased	12.699	12.274	-0.425
18	3	LDR-Biased	12.647	12.671	0.024
19	3	LDR-Biased	12.649	12.492	-0.157
20	3	LDR-Biased	12.579	12.276	-0.303
21	3	LDR-Biased	12.104	12.273	0.169
22	3	LDR-Unbiased	12.286	12.626	0.34
23	3	LDR-Unbiased	12.673	12.585	-0.088
25	3	LDR-Unbiased	12.644	12.157	-0.487
26	3	LDR-Unbiased	12.355	12.368	0.013
27	3	LDR-Unbiased	12.476	12.67	0.194
46	10	LDR-Biased	12.699	12.154	-0.545
48	10	LDR-Biased	12.647	12.696	0.049
49	10	LDR-Biased	12.649	12.479	-0.17
50	10	LDR-Biased	12.579	12.278	-0.301
51	10	LDR-Biased	12.104	12.282	0.178
52	10	LDR-Unbiased	12.286	12.611	0.325
53	10	LDR-Unbiased	12.673	12.597	-0.076
55	10	LDR-Unbiased	12.644	12.145	-0.499
56	10	LDR-Unbiased	12.355	12.385	0.03
57	10	LDR-Unbiased	12.476	12.665	0.189
76	30	LDR-Biased	12.699	12.312	-0.387
78	30	LDR-Biased	12.647	12.677	0.03
79	30	LDR-Biased	12.649	12.452	-0.197
80	30	LDR-Biased	12.579	12.272	-0.307
81	30	LDR-Biased	12.104	12.351	0.247
82	30	LDR-Unbiased	12.286	12.61	0.324
83	30	LDR-Unbiased	12.673	12.623	-0.05
84	30	LDR-Unbiased	12.476	12.73	0.254
85	30	LDR-Unbiased	12.644	12.131	-0.513
86	30	LDR-Unbiased	12.355	12.403	0.048
87	100	LDR-Biased	12.383	12.36	-0.023
88	100	LDR-Biased	12.7	12.553	-0.147
90	100	LDR-Biased	12.648	12.556	-0.092
91	100	LDR-Unbiased	12.262	12.39	0.128
93	100	LDR-Unbiased	12.248	12.297	0.049
94	100	LDR-Unbiased	12.699	12.371	-0.328
95	100	LDR-Unbiased	12.669	12.404	-0.265
96	100	LDR-Unbiased	12.479	12.3	-0.179
106	50	LDR-Biased	12.699	12.271	-0.428
108	50	LDR-Biased	12.647	12.621	-0.026
109	50	LDR-Biased	12.649	12.394	-0.255
110	50	LDR-Biased	12.579	12.312	-0.267
111	50	LDR-Biased	12.104	12.254	0.15
112	50	LDR-Unbiased	12.286	12.491	0.205
113	50	LDR-Unbiased	12.673	12.557	-0.116
115	50	LDR-Unbiased	12.644	11.951	-0.693
116	50	LDR-Unbiased	12.355	12.365	0.01
117	50	LDR-Unbiased	12.476	12.684	0.208

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.151	12.354	12.556	0.28638	12.151	12.354	12.556	0.28638	0	0	0	0
3	12.104	12.511	12.699	0.20091	12.157	12.439	12.671	0.19212	-0.487	-0.072	0.34	0.27339
10	12.104	12.511	12.699	0.20091	12.145	12.429	12.696	0.20909	-0.545	-0.082	0.325	0.29447
30	12.104	12.511	12.699	0.20091	12.131	12.456	12.73	0.19709	-0.513	-0.0551	0.324	0.28903
50	12.104	12.511	12.699	0.20091	11.951	12.39	12.684	0.21343	-0.693	-0.1212	0.208	0.29342
100	12.248	12.511	12.7	0.19397	12.297	12.404	12.556	0.10056	-0.328	-0.10712	0.128	0.15466

Device Test: 5.94 tdly_Res619K_SEQ_SU/SEQ_DONE/1.6/14/619K/0/0/@DLY_TMR_500KOHM





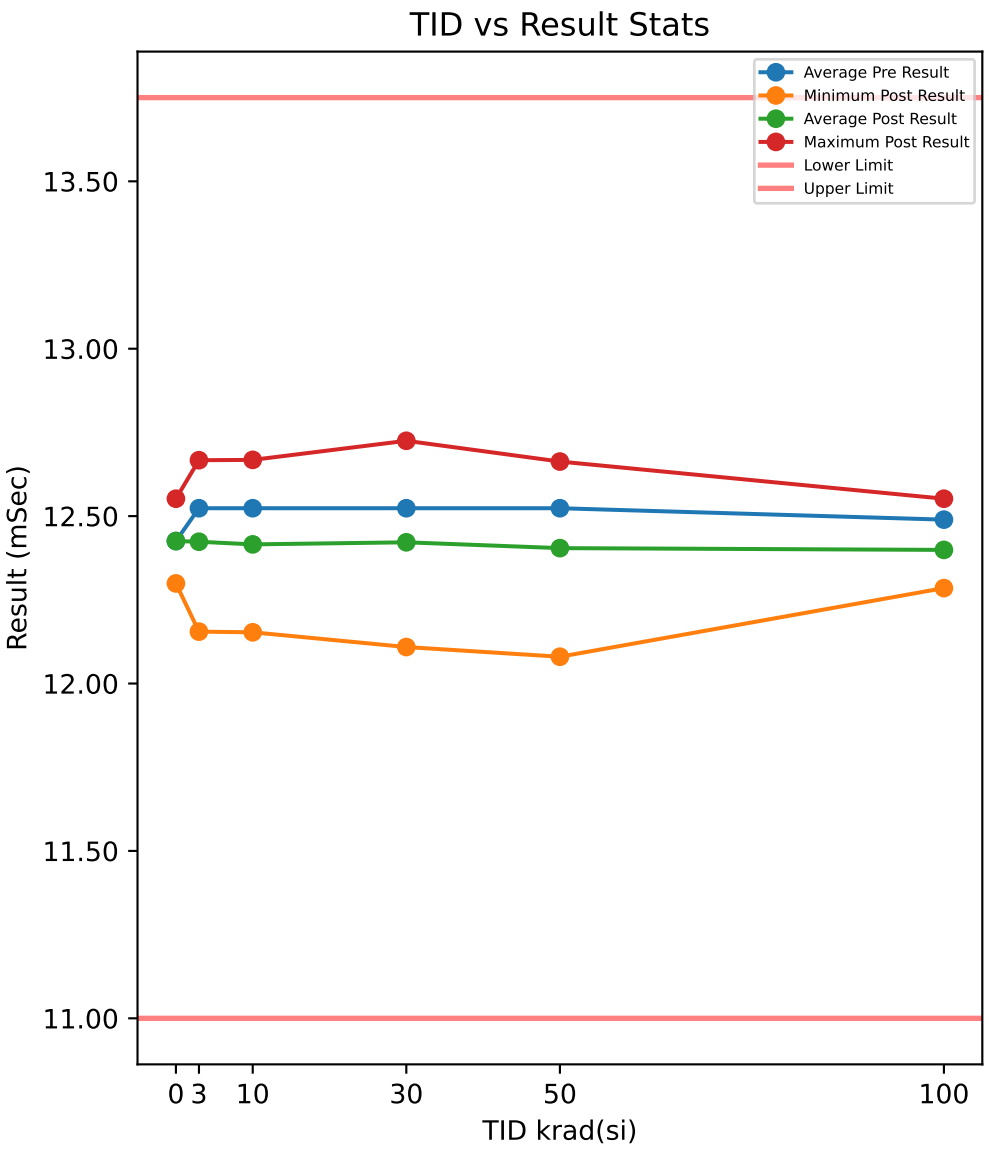
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

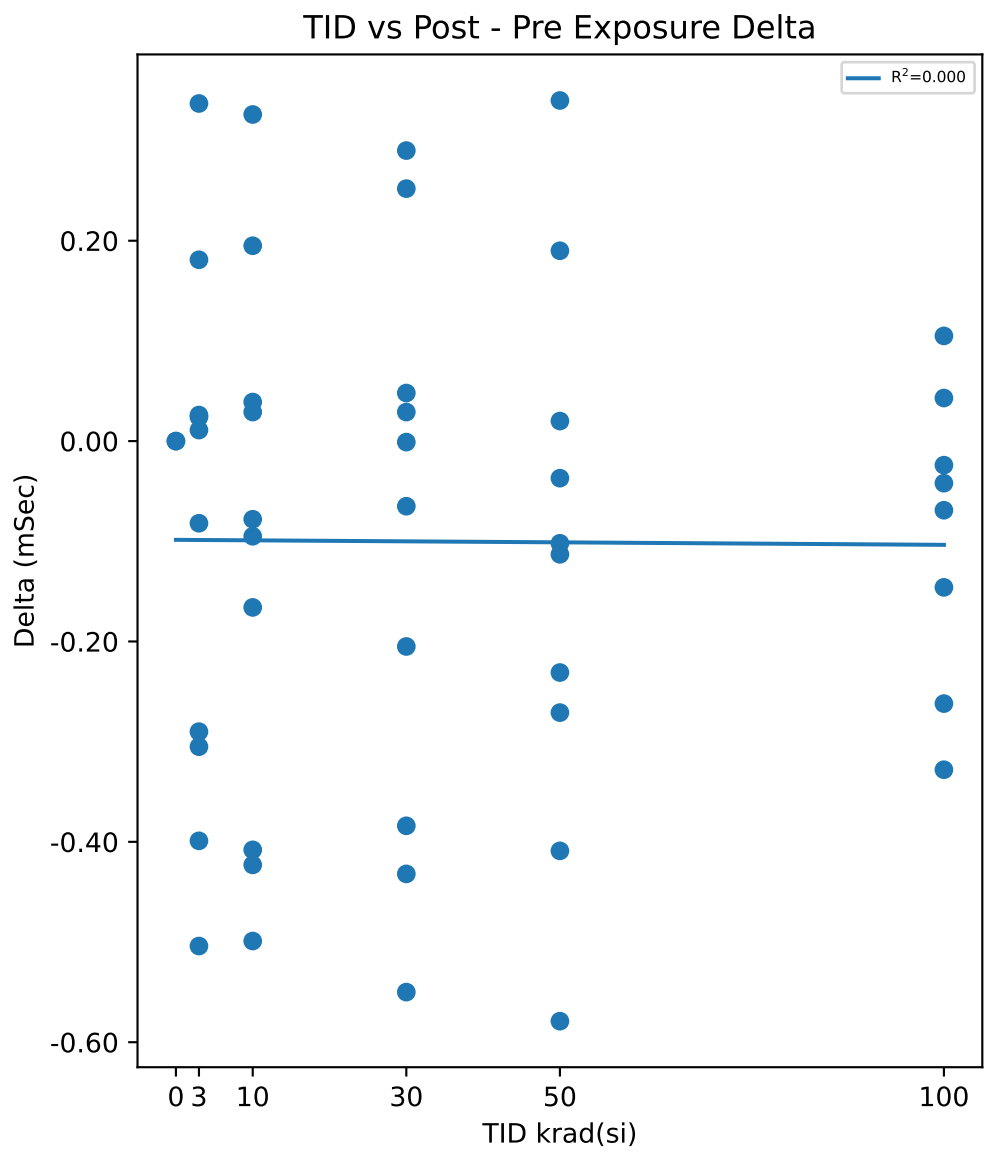
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.553	12.553	0
7	0	Correlation	12.305	12.305	0
16	3	LDR-Biased	12.701	12.287	-0.414
18	3	LDR-Biased	12.649	12.671	0.022
19	3	LDR-Biased	12.654	12.491	-0.163
20	3	LDR-Biased	12.58	12.277	-0.303
21	3	LDR-Biased	12.246	12.273	0.027
22	3	LDR-Unbiased	12.286	12.626	0.34
23	3	LDR-Unbiased	12.672	12.594	-0.078
25	3	LDR-Unbiased	12.652	12.157	-0.495
26	3	LDR-Unbiased	12.357	12.37	0.013
27	3	LDR-Unbiased	12.476	12.672	0.196
46	10	LDR-Biased	12.701	12.278	-0.423
48	10	LDR-Biased	12.649	12.555	-0.094
49	10	LDR-Biased	12.654	12.488	-0.166
50	10	LDR-Biased	12.58	12.29	-0.29
51	10	LDR-Biased	12.246	12.259	0.013
52	10	LDR-Unbiased	12.286	12.616	0.33
53	10	LDR-Unbiased	12.672	12.603	-0.069
55	10	LDR-Unbiased	12.652	12.165	-0.487
56	10	LDR-Unbiased	12.357	12.383	0.026
57	10	LDR-Unbiased	12.476	12.64	0.164
76	30	LDR-Biased	12.701	12.177	-0.524
78	30	LDR-Biased	12.649	12.679	0.03
79	30	LDR-Biased	12.654	12.465	-0.189
80	30	LDR-Biased	12.58	12.279	-0.301
81	30	LDR-Biased	12.246	12.383	0.137
82	30	LDR-Unbiased	12.286	12.61	0.324
83	30	LDR-Unbiased	12.672	12.632	-0.04
84	30	LDR-Unbiased	12.476	12.733	0.257
85	30	LDR-Unbiased	12.652	12.001	-0.651
86	30	LDR-Unbiased	12.357	12.374	0.017
87	100	LDR-Biased	12.384	12.362	-0.022
88	100	LDR-Biased	12.699	12.556	-0.143
90	100	LDR-Biased	12.651	12.556	-0.095
91	100	LDR-Unbiased	12.281	12.392	0.111
93	100	LDR-Unbiased	12.247	12.301	0.054
94	100	LDR-Unbiased	12.698	12.37	-0.328
95	100	LDR-Unbiased	12.67	12.41	-0.26
96	100	LDR-Unbiased	12.48	12.275	-0.205
106	50	LDR-Biased	12.701	12.301	-0.4
108	50	LDR-Biased	12.649	12.636	-0.013
109	50	LDR-Biased	12.654	12.423	-0.231
110	50	LDR-Biased	12.58	12.18	-0.4
111	50	LDR-Biased	12.246	12.399	0.153
112	50	LDR-Unbiased	12.286	12.63	0.344
113	50	LDR-Unbiased	12.672	12.561	-0.111
115	50	LDR-Unbiased	12.652	12.085	-0.567
116	50	LDR-Unbiased	12.357	12.382	0.025
117	50	LDR-Unbiased	12.476	12.687	0.211

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.305	12.429	12.553	0.17536	12.305	12.429	12.553	0.17536	0	0	0	0
3	12.246	12.527	12.701	0.17298	12.157	12.442	12.672	0.19175	-0.495	-0.0855	0.34	0.26314
10	12.246	12.527	12.701	0.17298	12.165	12.428	12.64	0.17383	-0.487	-0.0996	0.33	0.25359
30	12.246	12.527	12.701	0.17298	12.001	12.433	12.733	0.23672	-0.651	-0.094	0.324	0.32127
50	12.246	12.527	12.701	0.17298	12.085	12.428	12.687	0.20196	-0.567	-0.0989	0.344	0.29747
100	12.247	12.514	12.699	0.1908	12.275	12.403	12.556	0.10457	-0.328	-0.111	0.111	0.15299

Device Test: 5.95 tdly_Res619K_PWRGD_SU/PWRGD/1.6/14/619K/0/0/@DLY_TMR_500KOHM





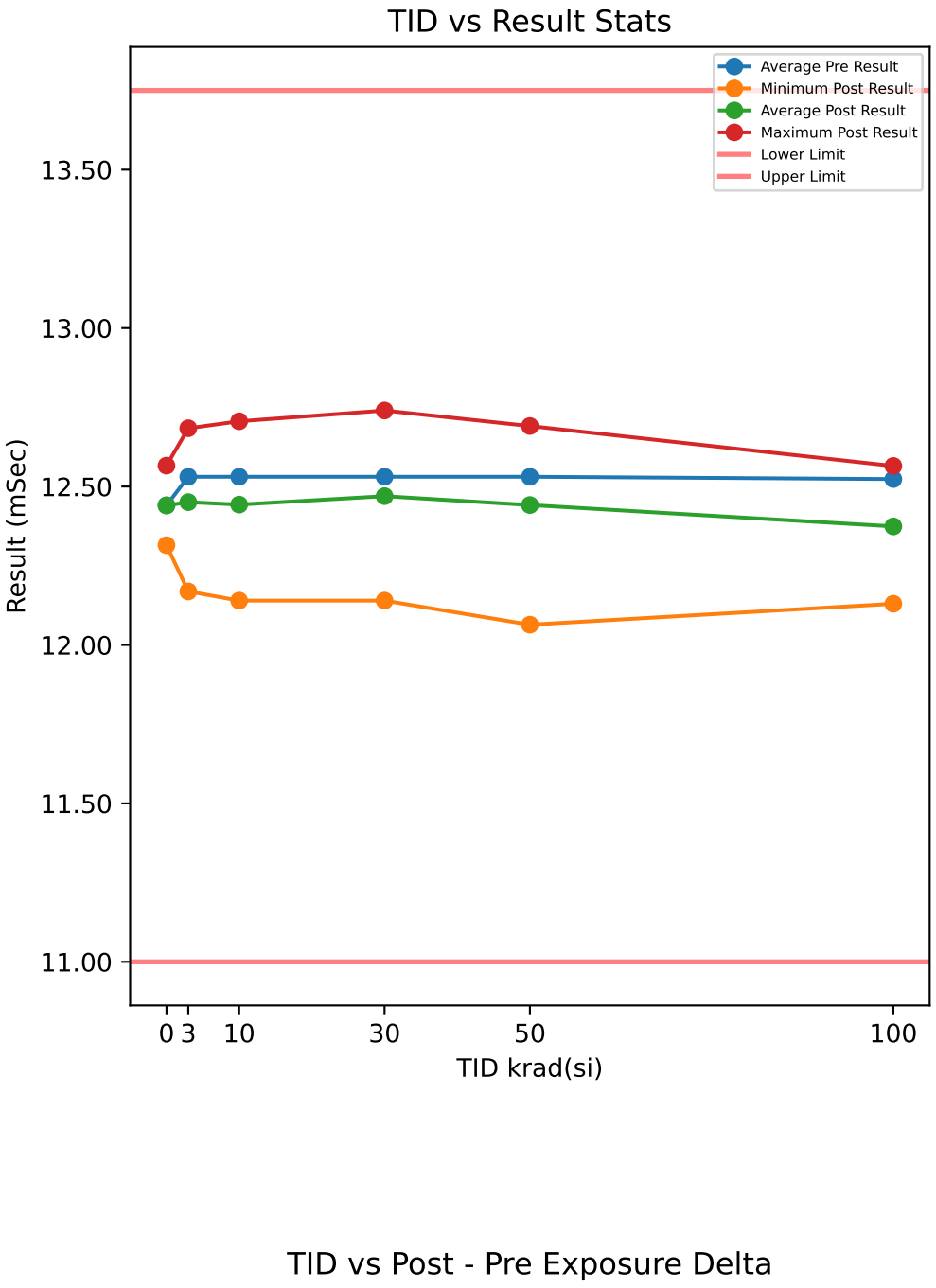
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

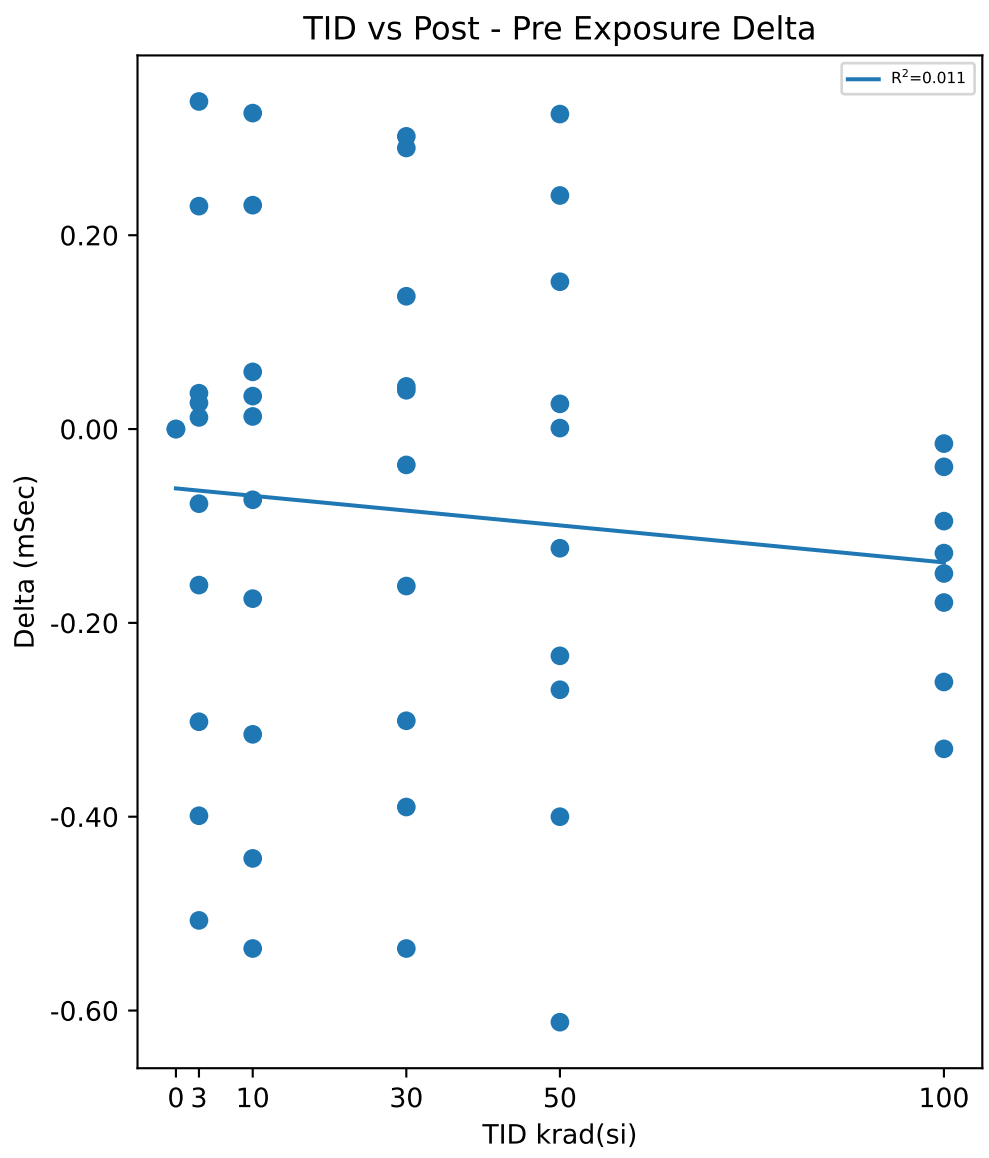
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.552	12.552	0
7	0	Correlation	12.299	12.299	0
16	3	LDR-Biased	12.691	12.292	-0.399
18	3	LDR-Biased	12.643	12.667	0.024
19	3	LDR-Biased	12.648	12.358	-0.29
20	3	LDR-Biased	12.576	12.271	-0.305
21	3	LDR-Biased	12.242	12.268	0.026
22	3	LDR-Unbiased	12.284	12.621	0.337
23	3	LDR-Unbiased	12.668	12.586	-0.082
25	3	LDR-Unbiased	12.659	12.155	-0.504
26	3	LDR-Unbiased	12.352	12.363	0.011
27	3	LDR-Unbiased	12.473	12.654	0.181
46	10	LDR-Biased	12.691	12.283	-0.408
48	10	LDR-Biased	12.643	12.548	-0.095
49	10	LDR-Biased	12.648	12.482	-0.166
50	10	LDR-Biased	12.576	12.153	-0.423
51	10	LDR-Biased	12.242	12.281	0.039
52	10	LDR-Unbiased	12.284	12.61	0.326
53	10	LDR-Unbiased	12.668	12.59	-0.078
55	10	LDR-Unbiased	12.659	12.16	-0.499
56	10	LDR-Unbiased	12.352	12.381	0.029
57	10	LDR-Unbiased	12.473	12.668	0.195
76	30	LDR-Biased	12.691	12.307	-0.384
78	30	LDR-Biased	12.643	12.672	0.029
79	30	LDR-Biased	12.648	12.443	-0.205
80	30	LDR-Biased	12.576	12.144	-0.432
81	30	LDR-Biased	12.242	12.241	-0.001
82	30	LDR-Unbiased	12.284	12.574	0.29
83	30	LDR-Unbiased	12.668	12.603	-0.065
84	30	LDR-Unbiased	12.473	12.725	0.252
85	30	LDR-Unbiased	12.659	12.109	-0.55
86	30	LDR-Unbiased	12.352	12.4	0.048
87	100	LDR-Biased	12.38	12.356	-0.024
88	100	LDR-Biased	12.696	12.55	-0.146
90	100	LDR-Biased	12.621	12.552	-0.069
91	100	LDR-Unbiased	12.28	12.385	0.105
93	100	LDR-Unbiased	12.242	12.285	0.043
94	100	LDR-Unbiased	12.693	12.365	-0.328
95	100	LDR-Unbiased	12.665	12.403	-0.262
96	100	LDR-Unbiased	12.339	12.297	-0.042
106	50	LDR-Biased	12.691	12.282	-0.409
108	50	LDR-Biased	12.643	12.606	-0.037
109	50	LDR-Biased	12.648	12.417	-0.231
110	50	LDR-Biased	12.576	12.305	-0.271
111	50	LDR-Biased	12.242	12.262	0.02
112	50	LDR-Unbiased	12.284	12.624	0.34
113	50	LDR-Unbiased	12.668	12.555	-0.113
115	50	LDR-Unbiased	12.659	12.08	-0.579
116	50	LDR-Unbiased	12.352	12.25	-0.102
117	50	LDR-Unbiased	12.473	12.663	0.19

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.299	12.425	12.552	0.1789	12.299	12.425	12.552	0.1789	0	0	0	0
3	12.242	12.524	12.691	0.17269	12.155	12.424	12.667	0.18933	-0.504	-0.1001	0.337	0.26762
10	12.242	12.524	12.691	0.17269	12.153	12.416	12.668	0.19004	-0.499	-0.108	0.326	0.27225
30	12.242	12.524	12.691	0.17269	12.109	12.422	12.725	0.21917	-0.55	-0.1018	0.29	0.28479
50	12.242	12.524	12.691	0.17269	12.08	12.404	12.663	0.19799	-0.579	-0.1192	0.34	0.2716
100	12.242	12.489	12.696	0.1971	12.285	12.399	12.552	0.102	-0.328	-0.090375	0.105	0.14744

Device Test: 5.96 tdly_Res619K_EN1_SD/EN1/1.6/14/619K/0/0/@DLY_TMR_500KOHM





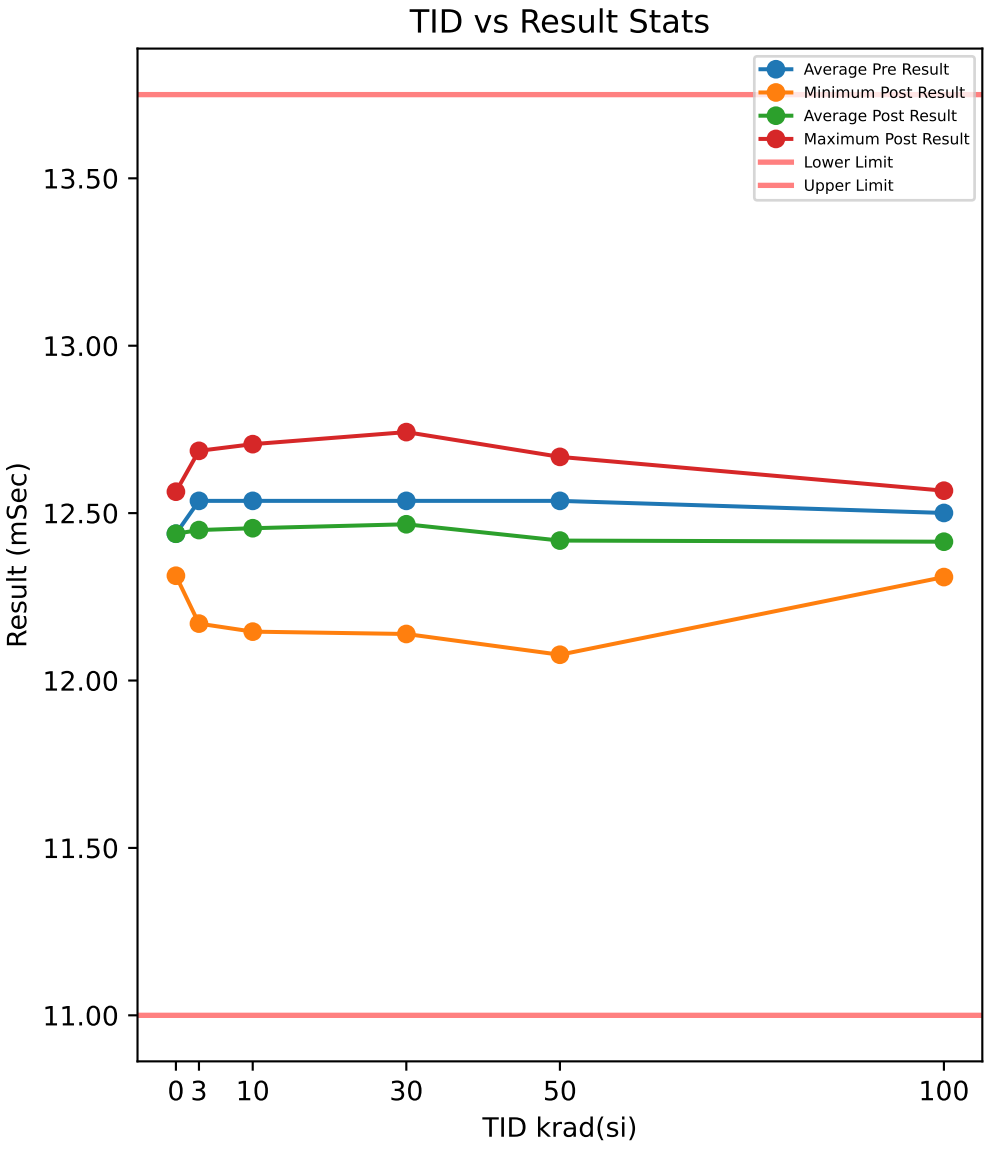
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

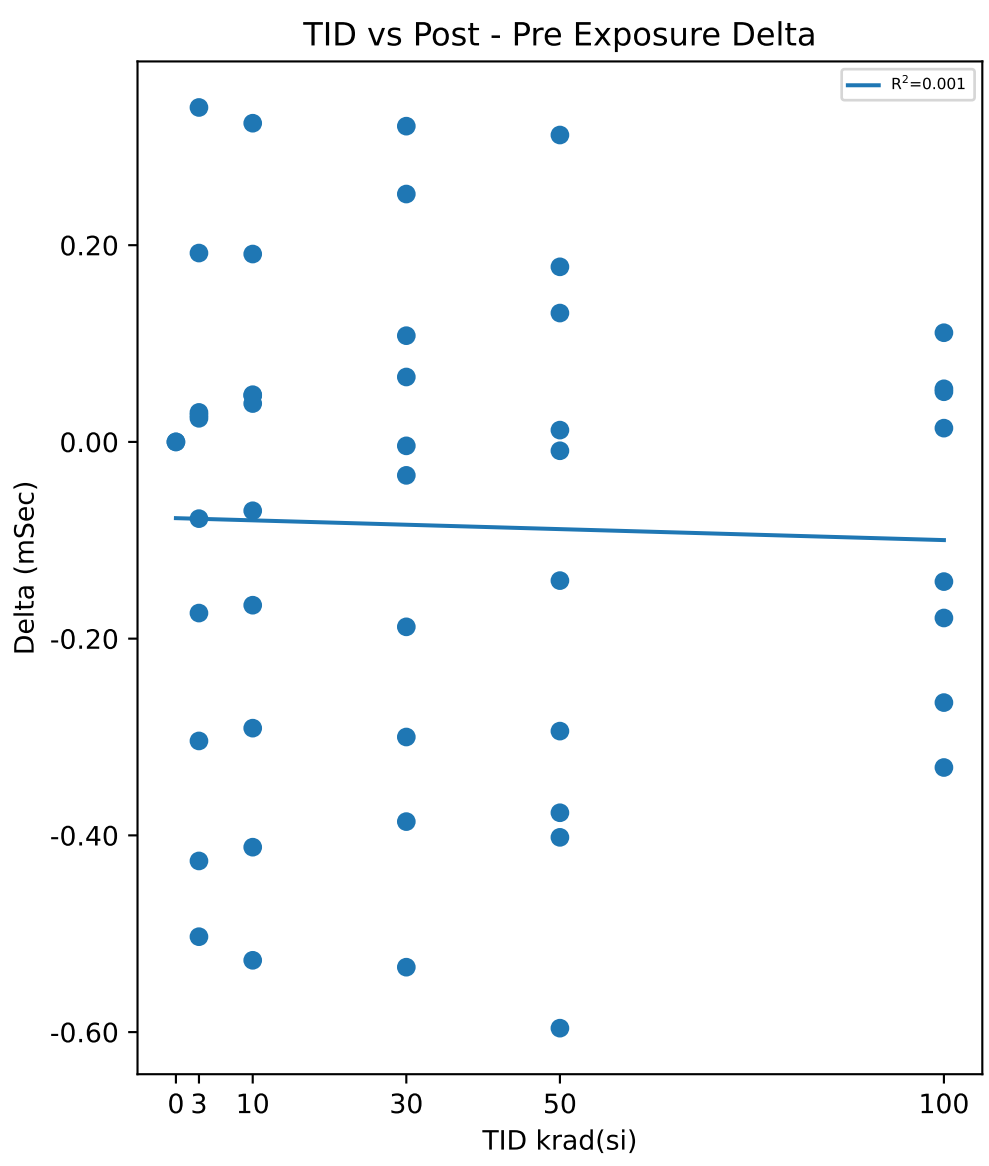
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.566	12.566	0
7	0	Correlation	12.315	12.315	0
16	3	LDR-Biased	12.709	12.31	-0.399
18	3	LDR-Biased	12.647	12.684	0.037
19	3	LDR-Biased	12.635	12.474	-0.161
20	3	LDR-Biased	12.589	12.287	-0.302
21	3	LDR-Biased	12.256	12.283	0.027
22	3	LDR-Unbiased	12.298	12.636	0.338
23	3	LDR-Unbiased	12.683	12.606	-0.077
25	3	LDR-Unbiased	12.676	12.169	-0.507
26	3	LDR-Unbiased	12.366	12.378	0.012
27	3	LDR-Unbiased	12.45	12.68	0.23
46	10	LDR-Biased	12.709	12.266	-0.443
48	10	LDR-Biased	12.647	12.706	0.059
49	10	LDR-Biased	12.635	12.46	-0.175
50	10	LDR-Biased	12.589	12.274	-0.315
51	10	LDR-Biased	12.256	12.29	0.034
52	10	LDR-Unbiased	12.298	12.624	0.326
53	10	LDR-Unbiased	12.683	12.61	-0.073
55	10	LDR-Unbiased	12.676	12.14	-0.536
56	10	LDR-Unbiased	12.366	12.379	0.013
57	10	LDR-Unbiased	12.45	12.681	0.231
76	30	LDR-Biased	12.709	12.319	-0.39
78	30	LDR-Biased	12.647	12.687	0.04
79	30	LDR-Biased	12.635	12.473	-0.162
80	30	LDR-Biased	12.589	12.288	-0.301
81	30	LDR-Biased	12.256	12.393	0.137
82	30	LDR-Unbiased	12.298	12.6	0.302
83	30	LDR-Unbiased	12.683	12.646	-0.037
84	30	LDR-Unbiased	12.45	12.74	0.29
85	30	LDR-Unbiased	12.676	12.14	-0.536
86	30	LDR-Unbiased	12.366	12.41	0.044
87	100	LDR-Biased	12.386	12.371	-0.015
88	100	LDR-Biased	12.71	12.561	-0.149
90	100	LDR-Biased	12.66	12.565	-0.095
91	100	LDR-Unbiased	12.296	12.257	-0.039
93	100	LDR-Unbiased	12.258	12.13	-0.128
94	100	LDR-Unbiased	12.71	12.38	-0.33
95	100	LDR-Unbiased	12.679	12.418	-0.261
96	100	LDR-Unbiased	12.49	12.311	-0.179
106	50	LDR-Biased	12.709	12.309	-0.4
108	50	LDR-Biased	12.647	12.648	0.001
109	50	LDR-Biased	12.635	12.401	-0.234
110	50	LDR-Biased	12.589	12.32	-0.269
111	50	LDR-Biased	12.256	12.408	0.152
112	50	LDR-Unbiased	12.298	12.623	0.325
113	50	LDR-Unbiased	12.683	12.56	-0.123
115	50	LDR-Unbiased	12.676	12.064	-0.612
116	50	LDR-Unbiased	12.366	12.392	0.026
117	50	LDR-Unbiased	12.45	12.691	0.241

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.315	12.441	12.566	0.17748	12.315	12.441	12.566	0.17748	0	0	0	0
3	12.256	12.531	12.709	0.17229	12.169	12.451	12.684	0.19014	-0.507	-0.0802	0.338	0.26758
10	12.256	12.531	12.709	0.17229	12.14	12.443	12.706	0.20165	-0.536	-0.0879	0.326	0.28006
30	12.256	12.531	12.709	0.17229	12.14	12.47	12.74	0.195	-0.536	-0.0613	0.302	0.28238
50	12.256	12.531	12.709	0.17229	12.064	12.442	12.691	0.19204	-0.612	-0.0893	0.325	0.29525
100	12.258	12.524	12.71	0.19073	12.13	12.374	12.565	0.14669	-0.33	-0.1495	-0.015	0.10665

Device Test: 5.97 tdly_Res619K_EN2_SD/EN2/1.6/14/619K/0/0/@DLY_TMR_500KOHM





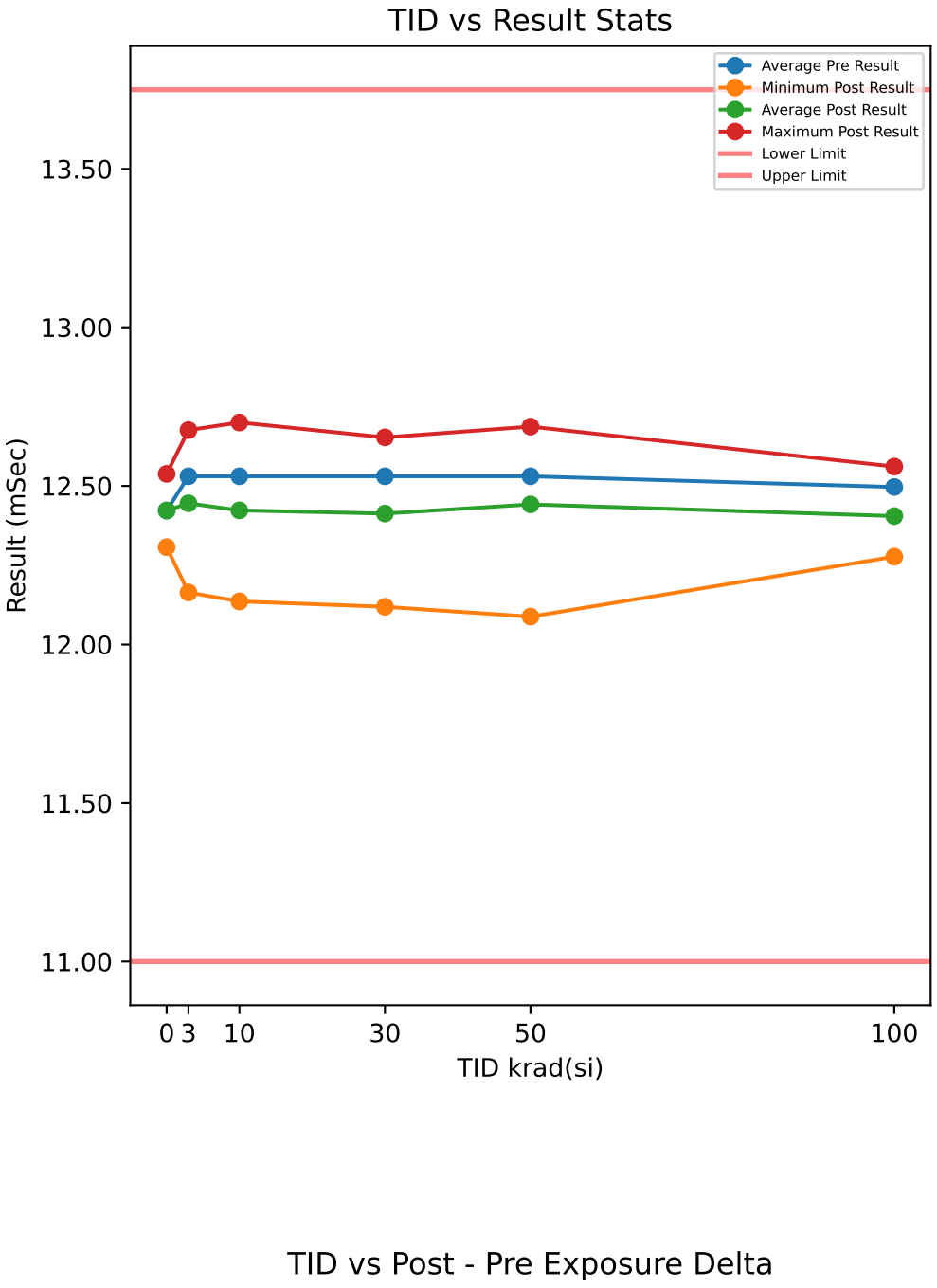
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

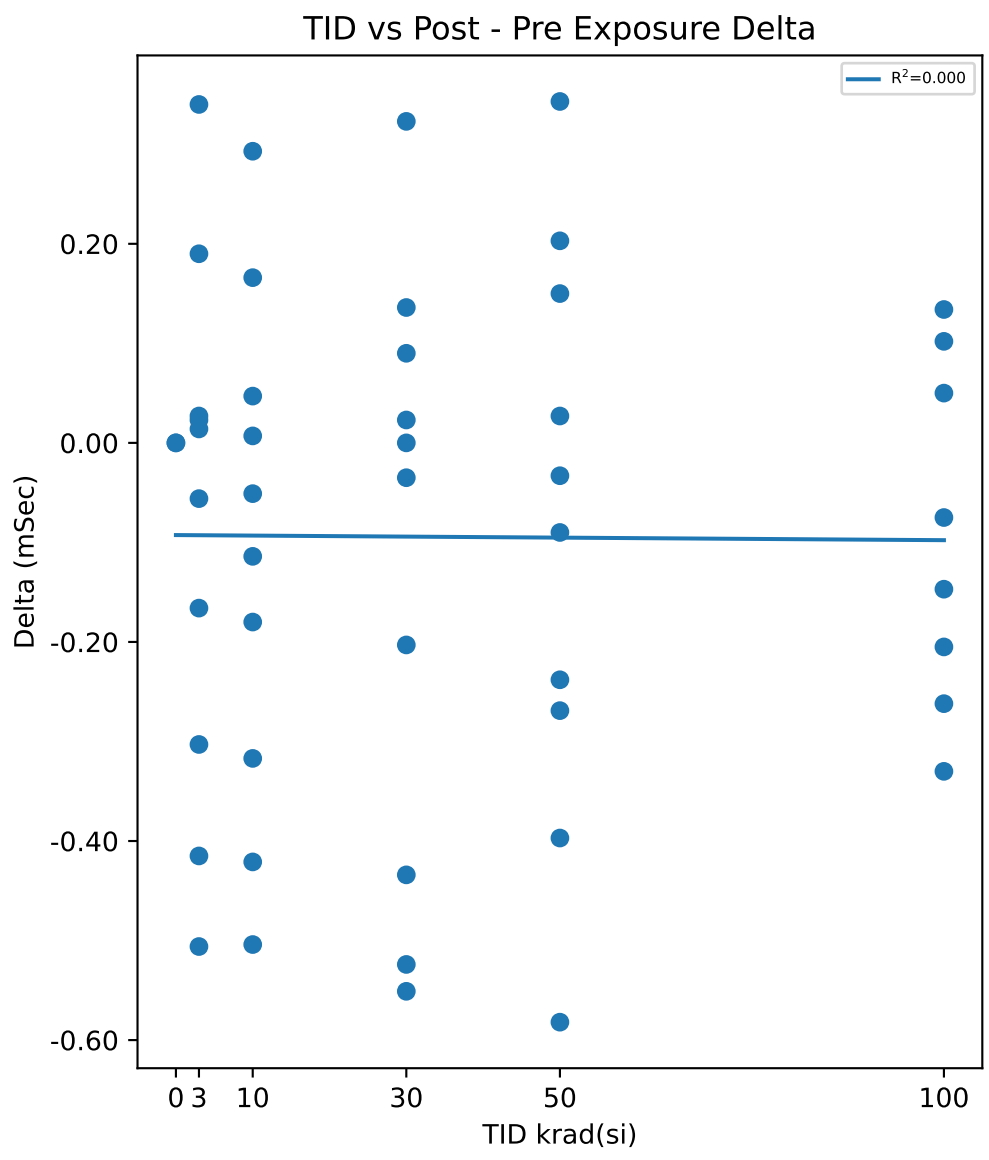
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.564	12.564	0
7	0	Correlation	12.313	12.313	0
16	3	LDR-Biased	12.708	12.282	-0.426
18	3	LDR-Biased	12.659	12.686	0.027
19	3	LDR-Biased	12.662	12.488	-0.174
20	3	LDR-Biased	12.589	12.285	-0.304
21	3	LDR-Biased	12.257	12.281	0.024
22	3	LDR-Unbiased	12.297	12.637	0.34
23	3	LDR-Unbiased	12.683	12.605	-0.078
25	3	LDR-Unbiased	12.673	12.17	-0.503
26	3	LDR-Unbiased	12.348	12.378	0.03
27	3	LDR-Unbiased	12.49	12.682	0.192
46	10	LDR-Biased	12.708	12.296	-0.412
48	10	LDR-Biased	12.659	12.706	0.047
49	10	LDR-Biased	12.662	12.496	-0.166
50	10	LDR-Biased	12.589	12.298	-0.291
51	10	LDR-Biased	12.257	12.296	0.039
52	10	LDR-Unbiased	12.297	12.621	0.324
53	10	LDR-Unbiased	12.683	12.613	-0.07
55	10	LDR-Unbiased	12.673	12.146	-0.527
56	10	LDR-Unbiased	12.348	12.396	0.048
57	10	LDR-Unbiased	12.49	12.681	0.191
76	30	LDR-Biased	12.708	12.322	-0.386
78	30	LDR-Biased	12.659	12.655	-0.004
79	30	LDR-Biased	12.662	12.474	-0.188
80	30	LDR-Biased	12.589	12.289	-0.3
81	30	LDR-Biased	12.257	12.365	0.108
82	30	LDR-Unbiased	12.297	12.618	0.321
83	30	LDR-Unbiased	12.683	12.649	-0.034
84	30	LDR-Unbiased	12.49	12.742	0.252
85	30	LDR-Unbiased	12.673	12.139	-0.534
86	30	LDR-Unbiased	12.348	12.414	0.066
87	100	LDR-Biased	12.357	12.371	0.014
88	100	LDR-Biased	12.706	12.564	-0.142
90	100	LDR-Biased	12.513	12.567	0.054
91	100	LDR-Unbiased	12.29	12.401	0.111
93	100	LDR-Unbiased	12.258	12.309	0.051
94	100	LDR-Unbiased	12.71	12.379	-0.331
95	100	LDR-Unbiased	12.681	12.416	-0.265
96	100	LDR-Unbiased	12.489	12.31	-0.179
106	50	LDR-Biased	12.708	12.306	-0.402
108	50	LDR-Biased	12.659	12.65	-0.009
109	50	LDR-Biased	12.662	12.285	-0.377
110	50	LDR-Biased	12.589	12.295	-0.294
111	50	LDR-Biased	12.257	12.388	0.131
112	50	LDR-Unbiased	12.297	12.609	0.312
113	50	LDR-Unbiased	12.683	12.542	-0.141
115	50	LDR-Unbiased	12.673	12.077	-0.596
116	50	LDR-Unbiased	12.348	12.36	0.012
117	50	LDR-Unbiased	12.49	12.668	0.178

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.313	12.439	12.564	0.17748	12.313	12.439	12.564	0.17748	0	0	0	0
3	12.257	12.537	12.708	0.17518	12.17	12.449	12.686	0.19366	-0.503	-0.0872	0.34	0.26706
10	12.257	12.537	12.708	0.17518	12.146	12.455	12.706	0.19506	-0.527	-0.0817	0.324	0.26778
30	12.257	12.537	12.708	0.17518	12.139	12.467	12.742	0.19449	-0.534	-0.0699	0.321	0.27776
50	12.257	12.537	12.708	0.17518	12.077	12.418	12.668	0.19267	-0.596	-0.1186	0.312	0.29269
100	12.258	12.5	12.71	0.1862	12.309	12.415	12.567	0.10071	-0.331	-0.085875	0.111	0.1652

Device Test: 5.98 tdly_Res619K_EN3_SD/EN3/1.6/14/619K/0/0/@DLY_TMR_500KOHM





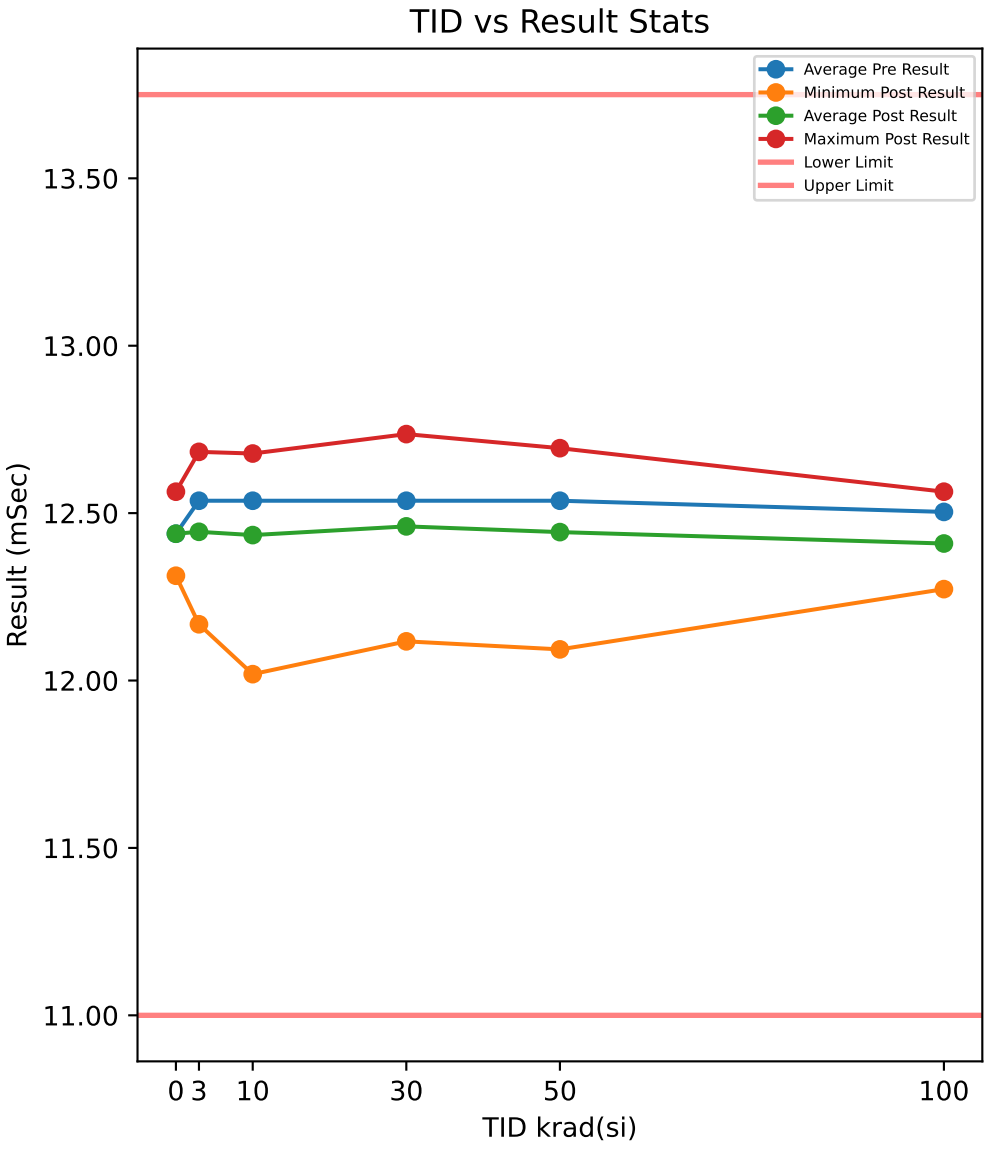
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

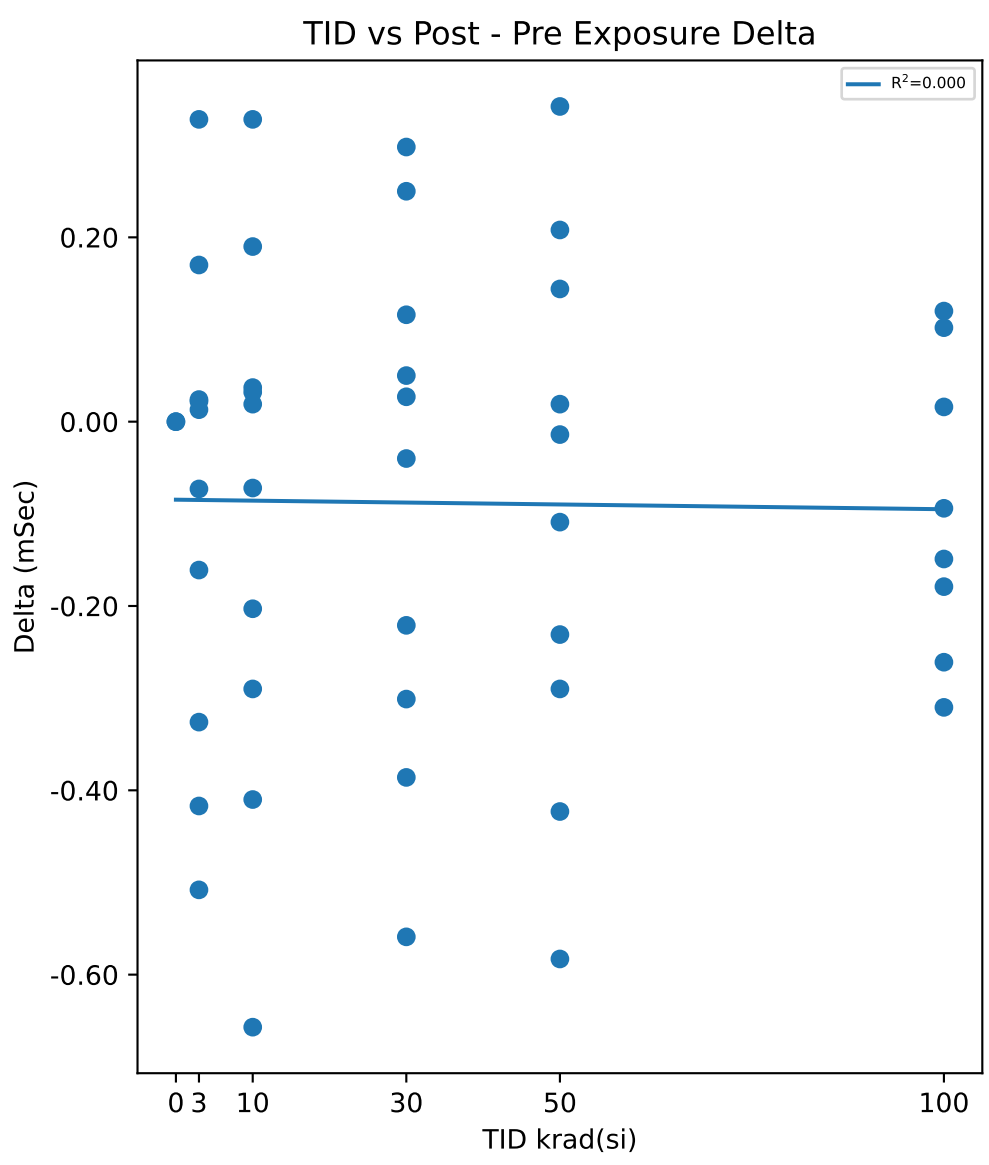
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.538	12.538	0
7	0	Correlation	12.307	12.307	0
16	3	LDR-Biased	12.703	12.288	-0.415
18	3	LDR-Biased	12.653	12.676	0.023
19	3	LDR-Biased	12.656	12.49	-0.166
20	3	LDR-Biased	12.584	12.281	-0.303
21	3	LDR-Biased	12.25	12.277	0.027
22	3	LDR-Unbiased	12.29	12.63	0.34
23	3	LDR-Unbiased	12.655	12.599	-0.056
25	3	LDR-Unbiased	12.67	12.164	-0.506
26	3	LDR-Unbiased	12.359	12.373	0.014
27	3	LDR-Unbiased	12.484	12.674	0.19
46	10	LDR-Biased	12.703	12.282	-0.421
48	10	LDR-Biased	12.653	12.7	0.047
49	10	LDR-Biased	12.656	12.476	-0.18
50	10	LDR-Biased	12.584	12.267	-0.317
51	10	LDR-Biased	12.25	12.136	-0.114
52	10	LDR-Unbiased	12.29	12.583	0.293
53	10	LDR-Unbiased	12.655	12.604	-0.051
55	10	LDR-Unbiased	12.67	12.166	-0.504
56	10	LDR-Unbiased	12.359	12.366	0.007
57	10	LDR-Unbiased	12.484	12.65	0.166
76	30	LDR-Biased	12.703	12.179	-0.524
78	30	LDR-Biased	12.653	12.653	0
79	30	LDR-Biased	12.656	12.453	-0.203
80	30	LDR-Biased	12.584	12.15	-0.434
81	30	LDR-Biased	12.25	12.386	0.136
82	30	LDR-Unbiased	12.29	12.613	0.323
83	30	LDR-Unbiased	12.655	12.62	-0.035
84	30	LDR-Unbiased	12.484	12.574	0.09
85	30	LDR-Unbiased	12.67	12.119	-0.551
86	30	LDR-Unbiased	12.359	12.382	0.023
87	100	LDR-Biased	12.23	12.364	0.134
88	100	LDR-Biased	12.704	12.557	-0.147
90	100	LDR-Biased	12.636	12.561	-0.075
91	100	LDR-Unbiased	12.291	12.393	0.102
93	100	LDR-Unbiased	12.252	12.302	0.05
94	100	LDR-Unbiased	12.705	12.375	-0.33
95	100	LDR-Unbiased	12.673	12.411	-0.262
96	100	LDR-Unbiased	12.482	12.277	-0.205
106	50	LDR-Biased	12.703	12.306	-0.397
108	50	LDR-Biased	12.653	12.62	-0.033
109	50	LDR-Biased	12.656	12.418	-0.238
110	50	LDR-Biased	12.584	12.315	-0.269
111	50	LDR-Biased	12.25	12.4	0.15
112	50	LDR-Unbiased	12.29	12.633	0.343
113	50	LDR-Unbiased	12.655	12.565	-0.09
115	50	LDR-Unbiased	12.67	12.088	-0.582
116	50	LDR-Unbiased	12.359	12.386	0.027
117	50	LDR-Unbiased	12.484	12.687	0.203

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.307	12.422	12.538	0.16334	12.307	12.422	12.538	0.16334	0	0	0	0
3	12.25	12.53	12.703	0.17206	12.164	12.445	12.676	0.19139	-0.506	-0.0852	0.34	0.26485
10	12.25	12.53	12.703	0.17206	12.136	12.423	12.7	0.20691	-0.504	-0.1074	0.293	0.25387
30	12.25	12.53	12.703	0.17206	12.119	12.413	12.653	0.20549	-0.551	-0.1175	0.323	0.29858
50	12.25	12.53	12.703	0.17206	12.088	12.442	12.687	0.18521	-0.582	-0.0886	0.343	0.28638
100	12.23	12.497	12.705	0.21057	12.277	12.405	12.561	0.10501	-0.33	-0.091625	0.134	0.17341

Device Test: 5.99 tdly_Res619K_EN4_SD/EN4/1.6/14/619K/0/0/@DLY_TMR_500KOHM





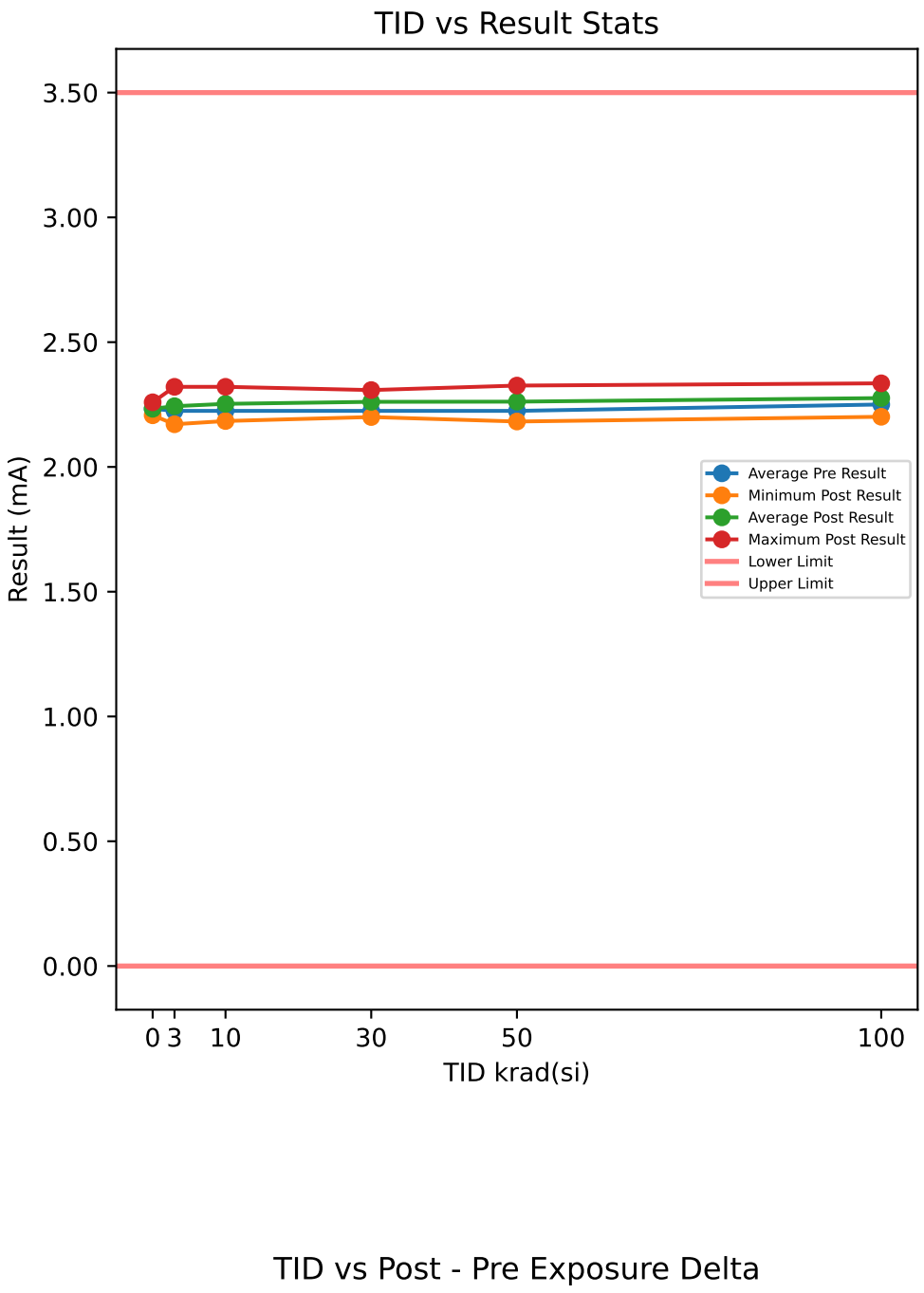
Test Results (Lower Limit = 11.0, Upper Limit = 13.75 (mSec))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.564	12.564	0
7	0	Correlation	12.313	12.313	0
16	3	LDR-Biased	12.706	12.289	-0.417
18	3	LDR-Biased	12.659	12.683	0.024
19	3	LDR-Biased	12.662	12.501	-0.161
20	3	LDR-Biased	12.588	12.262	-0.326
21	3	LDR-Biased	12.256	12.278	0.022
22	3	LDR-Unbiased	12.296	12.624	0.328
23	3	LDR-Unbiased	12.678	12.605	-0.073
25	3	LDR-Unbiased	12.676	12.168	-0.508
26	3	LDR-Unbiased	12.363	12.376	0.013
27	3	LDR-Unbiased	12.486	12.656	0.17
46	10	LDR-Biased	12.706	12.296	-0.41
48	10	LDR-Biased	12.659	12.678	0.019
49	10	LDR-Biased	12.662	12.459	-0.203
50	10	LDR-Biased	12.588	12.298	-0.29
51	10	LDR-Biased	12.256	12.293	0.037
52	10	LDR-Unbiased	12.296	12.624	0.328
53	10	LDR-Unbiased	12.678	12.606	-0.072
55	10	LDR-Unbiased	12.676	12.019	-0.657
56	10	LDR-Unbiased	12.363	12.395	0.032
57	10	LDR-Unbiased	12.486	12.676	0.19
76	30	LDR-Biased	12.706	12.32	-0.386
78	30	LDR-Biased	12.659	12.686	0.027
79	30	LDR-Biased	12.662	12.441	-0.221
80	30	LDR-Biased	12.588	12.287	-0.301
81	30	LDR-Biased	12.256	12.372	0.116
82	30	LDR-Unbiased	12.296	12.594	0.298
83	30	LDR-Unbiased	12.678	12.638	-0.04
84	30	LDR-Unbiased	12.486	12.736	0.25
85	30	LDR-Unbiased	12.676	12.117	-0.559
86	30	LDR-Unbiased	12.363	12.413	0.05
87	100	LDR-Biased	12.252	12.372	0.12
88	100	LDR-Biased	12.711	12.562	-0.149
90	100	LDR-Biased	12.658	12.564	-0.094
91	100	LDR-Unbiased	12.297	12.399	0.102
93	100	LDR-Unbiased	12.257	12.273	0.016
94	100	LDR-Unbiased	12.688	12.378	-0.31
95	100	LDR-Unbiased	12.678	12.417	-0.261
96	100	LDR-Unbiased	12.488	12.309	-0.179
106	50	LDR-Biased	12.706	12.283	-0.423
108	50	LDR-Biased	12.659	12.645	-0.014
109	50	LDR-Biased	12.662	12.431	-0.231
110	50	LDR-Biased	12.588	12.298	-0.29
111	50	LDR-Biased	12.256	12.4	0.144
112	50	LDR-Unbiased	12.296	12.638	0.342
113	50	LDR-Unbiased	12.678	12.569	-0.109
115	50	LDR-Unbiased	12.676	12.093	-0.583
116	50	LDR-Unbiased	12.363	12.382	0.019
117	50	LDR-Unbiased	12.486	12.694	0.208

Test Statistics (mSec)

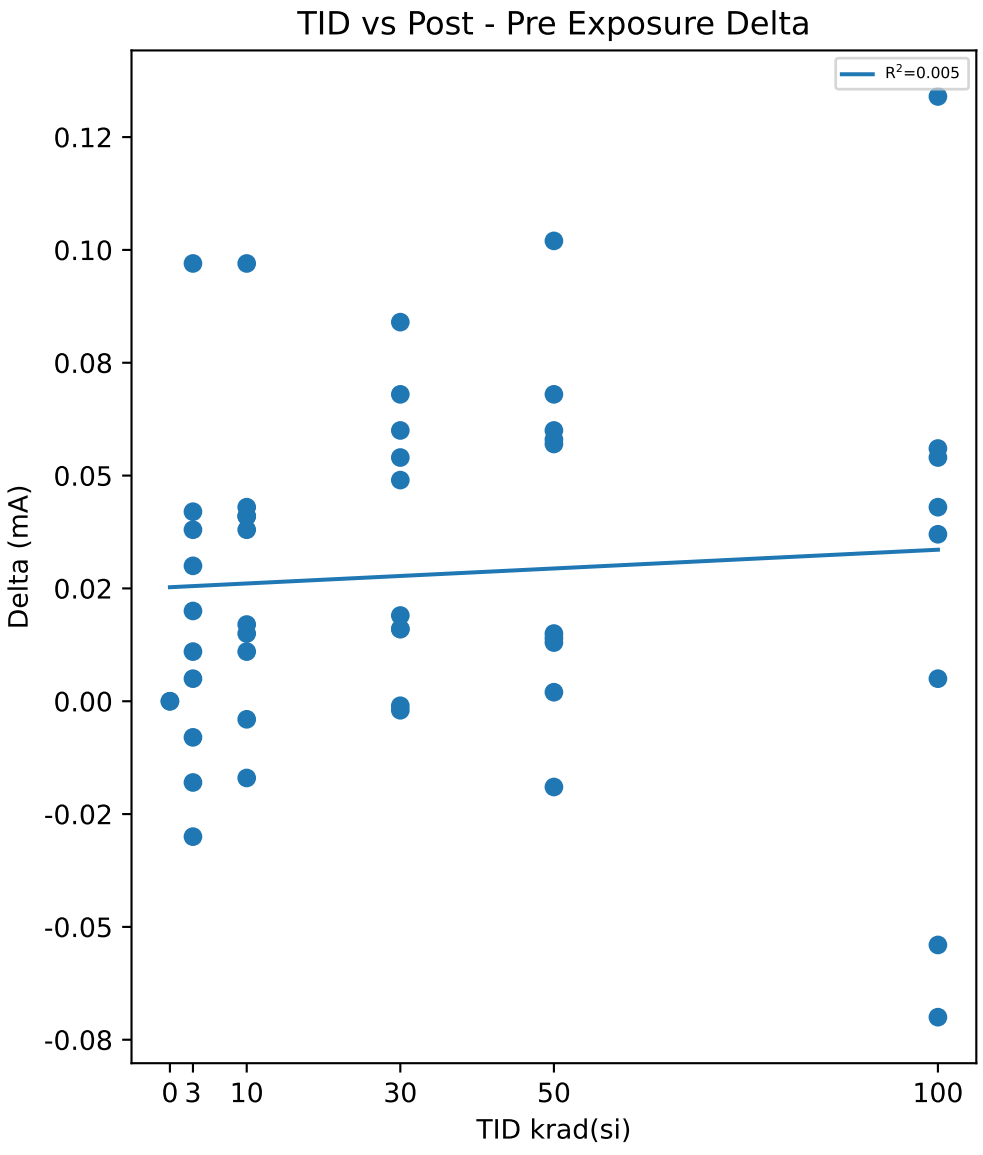
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.313	12.439	12.564	0.17748	12.313	12.439	12.564	0.17748	0	0	0	0
3	12.256	12.537	12.706	0.17346	12.168	12.444	12.683	0.19124	-0.508	-0.0928	0.328	0.26269
10	12.256	12.537	12.706	0.17346	12.019	12.434	12.678	0.21488	-0.657	-0.1026	0.328	0.29277
30	12.256	12.537	12.706	0.17346	12.117	12.46	12.736	0.19843	-0.559	-0.0766	0.298	0.28123
50	12.256	12.537	12.706	0.17346	12.093	12.443	12.694	0.19222	-0.583	-0.0937	0.342	0.29095
100	12.252	12.504	12.711	0.20644	12.273	12.409	12.564	0.10585	-0.31	-0.094375	0.12	0.16085

Device Test: 6.0 IQ/IN//3/0/0/0/@IQ_SEQDOWN



Test Results (Lower Limit = 0.0, Upper Limit = 3.5 (mA))

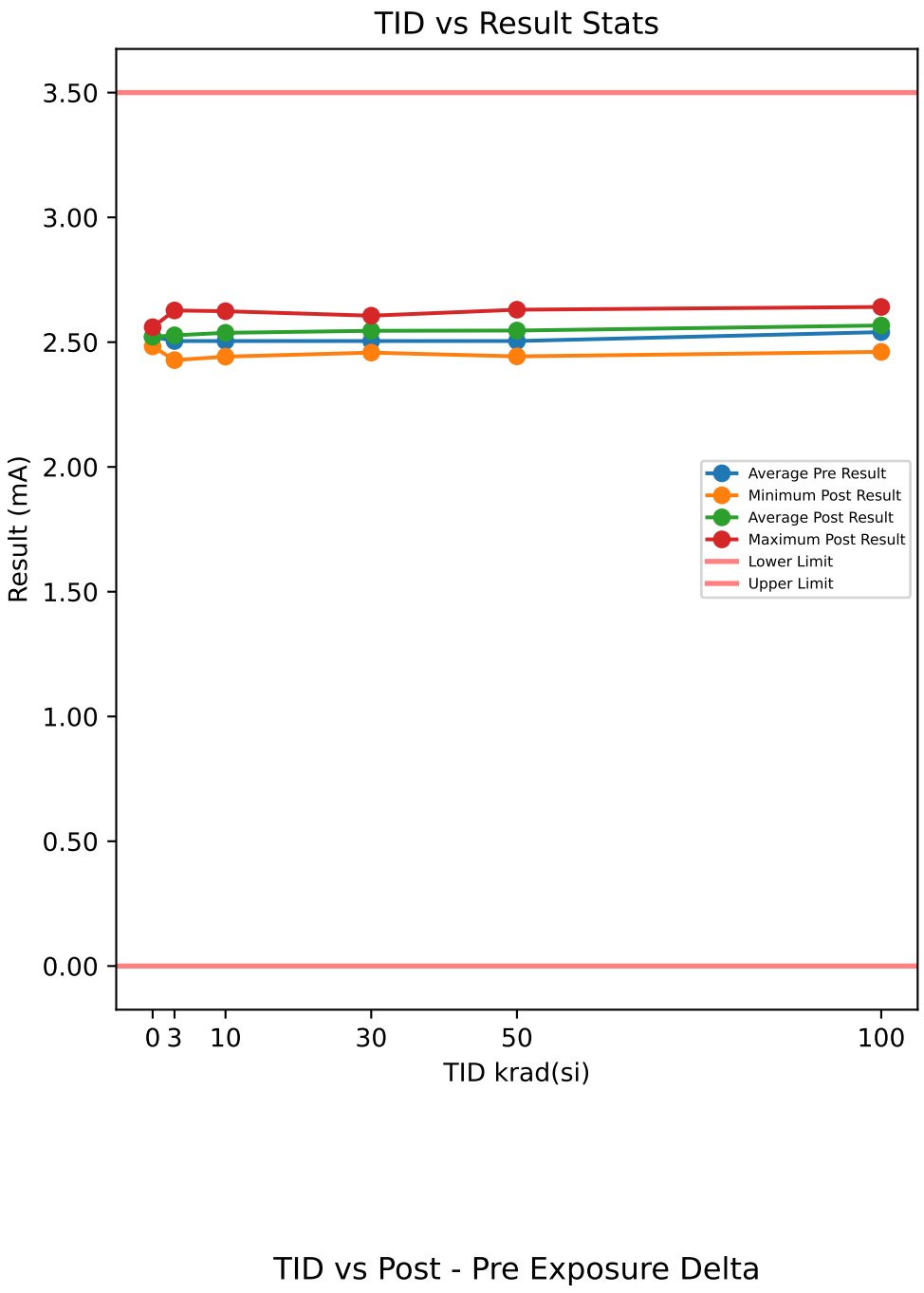
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.259	2.259	0
7	0	Correlation	2.207	2.207	0
16	3	LDR-Biased	2.201	2.171	-0.03
18	3	LDR-Biased	2.215	2.253	0.038
19	3	LDR-Biased	2.203	2.185	-0.018
20	3	LDR-Biased	2.232	2.224	-0.008
21	3	LDR-Biased	2.262	2.267	0.005
22	3	LDR-Unbiased	2.273	2.284	0.011
23	3	LDR-Unbiased	2.224	2.321	0.097
25	3	LDR-Unbiased	2.202	2.222	0.02
26	3	LDR-Unbiased	2.219	2.261	0.042
27	3	LDR-Unbiased	2.215	2.245	0.03
46	10	LDR-Biased	2.201	2.184	-0.017
48	10	LDR-Biased	2.215	2.258	0.043
49	10	LDR-Biased	2.203	2.199	-0.004
50	10	LDR-Biased	2.232	2.243	0.011
51	10	LDR-Biased	2.262	2.279	0.017
52	10	LDR-Unbiased	2.273	2.288	0.015
53	10	LDR-Unbiased	2.224	2.321	0.097
55	10	LDR-Unbiased	2.202	2.24	0.038
56	10	LDR-Unbiased	2.219	2.26	0.041
57	10	LDR-Unbiased	2.215	2.256	0.041
76	30	LDR-Biased	2.201	2.2	-0.001
78	30	LDR-Biased	2.215	2.283	0.068
79	30	LDR-Biased	2.203	2.201	-0.002
80	30	LDR-Biased	2.232	2.248	0.016
81	30	LDR-Biased	2.262	2.278	0.016
82	30	LDR-Unbiased	2.273	2.292	0.019
83	30	LDR-Unbiased	2.224	2.308	0.084
84	30	LDR-Unbiased	2.215	2.275	0.06
85	30	LDR-Unbiased	2.202	2.251	0.049
86	30	LDR-Unbiased	2.219	2.273	0.054
87	100	LDR-Biased	2.342	2.288	-0.054
88	100	LDR-Biased	2.204	2.258	0.054
90	100	LDR-Biased	2.215	2.258	0.043
91	100	LDR-Unbiased	2.271	2.201	-0.07
93	100	LDR-Unbiased	2.262	2.267	0.005
94	100	LDR-Unbiased	2.201	2.335	0.134
95	100	LDR-Unbiased	2.291	2.328	0.037
96	100	LDR-Unbiased	2.216	2.272	0.056
106	50	LDR-Biased	2.201	2.182	-0.019
108	50	LDR-Biased	2.215	2.273	0.058
109	50	LDR-Biased	2.203	2.205	0.002
110	50	LDR-Biased	2.232	2.245	0.013
111	50	LDR-Biased	2.262	2.277	0.015
112	50	LDR-Unbiased	2.273	2.287	0.014
113	50	LDR-Unbiased	2.224	2.326	0.102
115	50	LDR-Unbiased	2.202	2.262	0.06
116	50	LDR-Unbiased	2.219	2.287	0.068
117	50	LDR-Unbiased	2.215	2.272	0.057

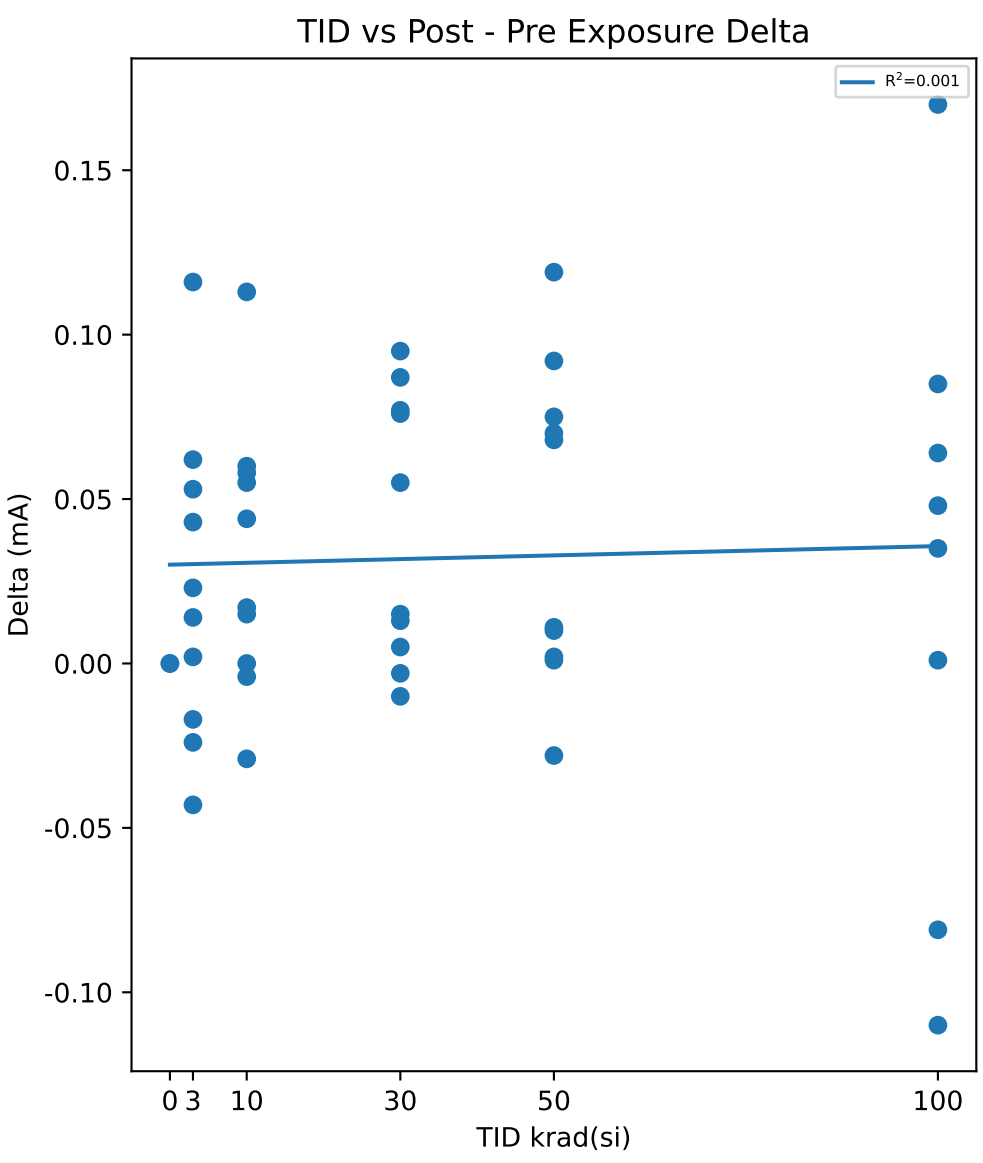


Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.207	2.233	2.259	0.03677	2.207	2.233	2.259	0.03677	0	0	0	0
3	2.201	2.2246	2.273	0.024825	2.171	2.2433	2.321	0.044868	-0.03	0.0187	0.097	0.036292
10	2.201	2.2246	2.273	0.024825	2.184	2.2528	2.321	0.040213	-0.017	0.0282	0.097	0.031713
30	2.201	2.2246	2.273	0.024825	2.2	2.2609	2.308	0.036321	-0.002	0.0363	0.084	0.030365
50	2.201	2.2246	2.273	0.024825	2.182	2.2616	2.326	0.041804	-0.019	0.037	0.102	0.037277
100	2.201	2.2502	2.342	0.050182	2.201	2.2759	2.335	0.042593	-0.07	0.025625	0.134	0.065262

Device Test: 6.1 IQ/IN//14/0/0/0/@IQ_SEQDOWN





Test Results (Lower Limit = 0.0, Upper Limit = 3.5 (mA))

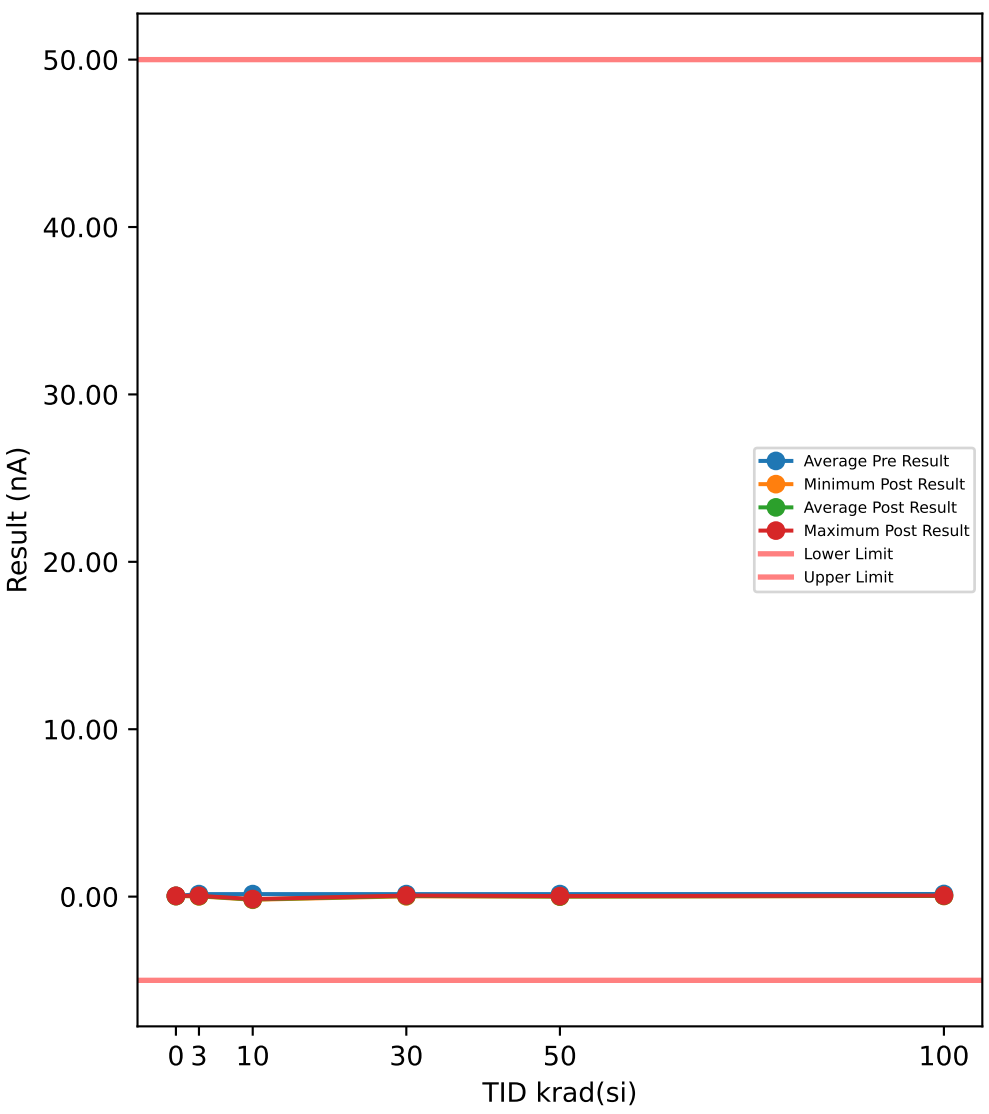
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.56	2.56	0
7	0	Correlation	2.483	2.483	0
16	3	LDR-Biased	2.471	2.428	-0.043
18	3	LDR-Biased	2.496	2.549	0.053
19	3	LDR-Biased	2.461	2.444	-0.017
20	3	LDR-Biased	2.519	2.495	-0.024
21	3	LDR-Biased	2.555	2.557	0.002
22	3	LDR-Unbiased	2.572	2.586	0.014
23	3	LDR-Unbiased	2.511	2.627	0.116
25	3	LDR-Unbiased	2.478	2.501	0.023
26	3	LDR-Unbiased	2.485	2.547	0.062
27	3	LDR-Unbiased	2.497	2.54	0.043
46	10	LDR-Biased	2.471	2.442	-0.029
48	10	LDR-Biased	2.496	2.554	0.058
49	10	LDR-Biased	2.461	2.457	-0.004
50	10	LDR-Biased	2.519	2.519	0
51	10	LDR-Biased	2.555	2.57	0.015
52	10	LDR-Unbiased	2.572	2.589	0.017
53	10	LDR-Unbiased	2.511	2.624	0.113
55	10	LDR-Unbiased	2.478	2.522	0.044
56	10	LDR-Unbiased	2.485	2.545	0.06
57	10	LDR-Unbiased	2.497	2.552	0.055
76	30	LDR-Biased	2.471	2.461	-0.01
78	30	LDR-Biased	2.496	2.583	0.087
79	30	LDR-Biased	2.461	2.458	-0.003
80	30	LDR-Biased	2.519	2.524	0.005
81	30	LDR-Biased	2.555	2.568	0.013
82	30	LDR-Unbiased	2.572	2.587	0.015
83	30	LDR-Unbiased	2.511	2.606	0.095
84	30	LDR-Unbiased	2.497	2.573	0.076
85	30	LDR-Unbiased	2.478	2.533	0.055
86	30	LDR-Unbiased	2.485	2.562	0.077
87	100	LDR-Biased	2.659	2.578	-0.081
88	100	LDR-Biased	2.474	2.559	0.085
90	100	LDR-Biased	2.496	2.56	0.064
91	100	LDR-Unbiased	2.571	2.461	-0.11
93	100	LDR-Unbiased	2.555	2.556	0.001
94	100	LDR-Unbiased	2.471	2.641	0.17
95	100	LDR-Unbiased	2.598	2.633	0.035
96	100	LDR-Unbiased	2.498	2.546	0.048
106	50	LDR-Biased	2.471	2.443	-0.028
108	50	LDR-Biased	2.496	2.571	0.075
109	50	LDR-Biased	2.461	2.462	0.001
110	50	LDR-Biased	2.519	2.521	0.002
111	50	LDR-Biased	2.555	2.566	0.011
112	50	LDR-Unbiased	2.572	2.582	0.01
113	50	LDR-Unbiased	2.511	2.63	0.119
115	50	LDR-Unbiased	2.478	2.546	0.068
116	50	LDR-Unbiased	2.485	2.577	0.092
117	50	LDR-Unbiased	2.497	2.567	0.07

Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.483	2.5215	2.56	0.054447	2.483	2.5215	2.56	0.054447	0	0	0	0
3	2.461	2.5045	2.572	0.035877	2.428	2.5274	2.627	0.061303	-0.043	0.0229	0.116	0.047325
10	2.461	2.5045	2.572	0.035877	2.442	2.5374	2.624	0.05569	-0.029	0.0329	0.113	0.041151
30	2.461	2.5045	2.572	0.035877	2.458	2.5455	2.606	0.051358	-0.01	0.041	0.095	0.040882
50	2.461	2.5045	2.572	0.035877	2.443	2.5465	2.63	0.05683	-0.028	0.042	0.119	0.04847
100	2.471	2.5402	2.659	0.067111	2.461	2.5667	2.641	0.055887	-0.11	0.0265	0.17	0.090075

Device Test: 6.10 ILKG_SENSE2/SENSE2//3/0/0/0/@ILKG_SENSE

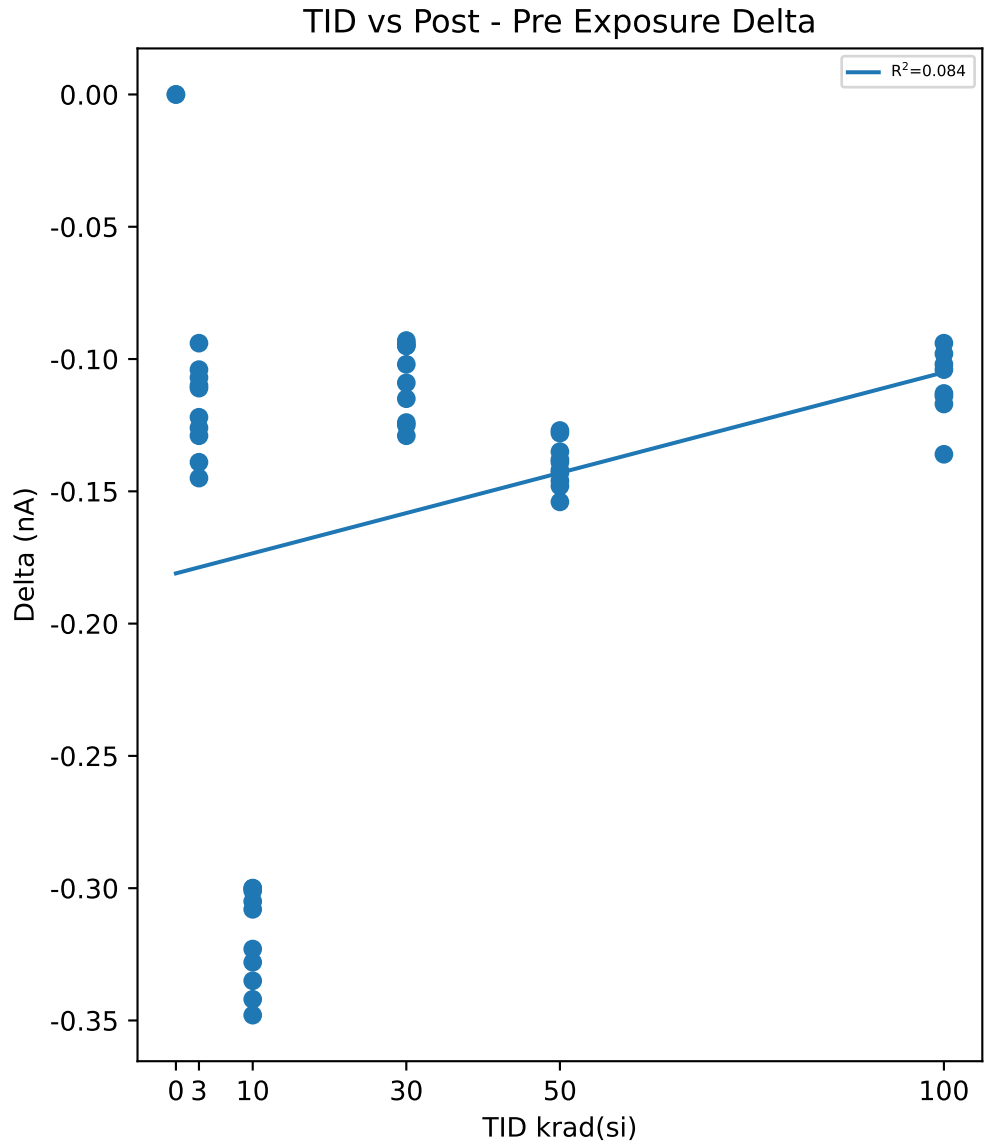
TID vs Result Stats



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.03	0.03	0
7	0	Correlation	0.048	0.048	0
16	3	LDR-Biased	0.161	0.035	-0.126
18	3	LDR-Biased	0.16	0.015	-0.145
19	3	LDR-Biased	0.149	0.039	-0.11
20	3	LDR-Biased	0.154	0.05	-0.104
21	3	LDR-Biased	0.155	0.026	-0.129
22	3	LDR-Unbiased	0.145	0.034	-0.111
23	3	LDR-Unbiased	0.129	0.035	-0.094
25	3	LDR-Unbiased	0.146	0.024	-0.122
26	3	LDR-Unbiased	0.146	0.039	-0.107
27	3	LDR-Unbiased	0.161	0.022	-0.139
46	10	LDR-Biased	0.161	-0.181	-0.342
48	10	LDR-Biased	0.16	-0.188	-0.348
49	10	LDR-Biased	0.149	-0.151	-0.3
50	10	LDR-Biased	0.154	-0.146	-0.3
51	10	LDR-Biased	0.155	-0.15	-0.305
52	10	LDR-Unbiased	0.145	-0.178	-0.323
53	10	LDR-Unbiased	0.129	-0.172	-0.301
55	10	LDR-Unbiased	0.146	-0.162	-0.308
56	10	LDR-Unbiased	0.146	-0.189	-0.335
57	10	LDR-Unbiased	0.161	-0.167	-0.328
76	30	LDR-Biased	0.161	0.066	-0.095
78	30	LDR-Biased	0.16	0.036	-0.124
79	30	LDR-Biased	0.149	0.034	-0.115
80	30	LDR-Biased	0.154	0.06	-0.094
81	30	LDR-Biased	0.155	0.06	-0.095
82	30	LDR-Unbiased	0.145	0.052	-0.093
83	30	LDR-Unbiased	0.129	0.027	-0.102
84	30	LDR-Unbiased	0.161	0.036	-0.125
85	30	LDR-Unbiased	0.146	0.017	-0.129
86	30	LDR-Unbiased	0.146	0.037	-0.109
87	100	LDR-Biased	0.141	0.047	-0.094
88	100	LDR-Biased	0.16	0.047	-0.113
90	100	LDR-Biased	0.153	0.049	-0.104
91	100	LDR-Unbiased	0.161	0.063	-0.098
93	100	LDR-Unbiased	0.158	0.056	-0.102
94	100	LDR-Unbiased	0.175	0.039	-0.136
95	100	LDR-Unbiased	0.153	0.039	-0.114
96	100	LDR-Unbiased	0.158	0.041	-0.117
106	50	LDR-Biased	0.161	0.015	-0.146
108	50	LDR-Biased	0.16	0.017	-0.143
109	50	LDR-Biased	0.149	0.007	-0.142
110	50	LDR-Biased	0.154	0.016	-0.138
111	50	LDR-Biased	0.155	0.001	-0.154
112	50	LDR-Unbiased	0.145	0.01	-0.135
113	50	LDR-Unbiased	0.129	0.002	-0.127
115	50	LDR-Unbiased	0.146	0.007	-0.139
116	50	LDR-Unbiased	0.146	-0.002	-0.148
117	50	LDR-Unbiased	0.161	0.033	-0.128

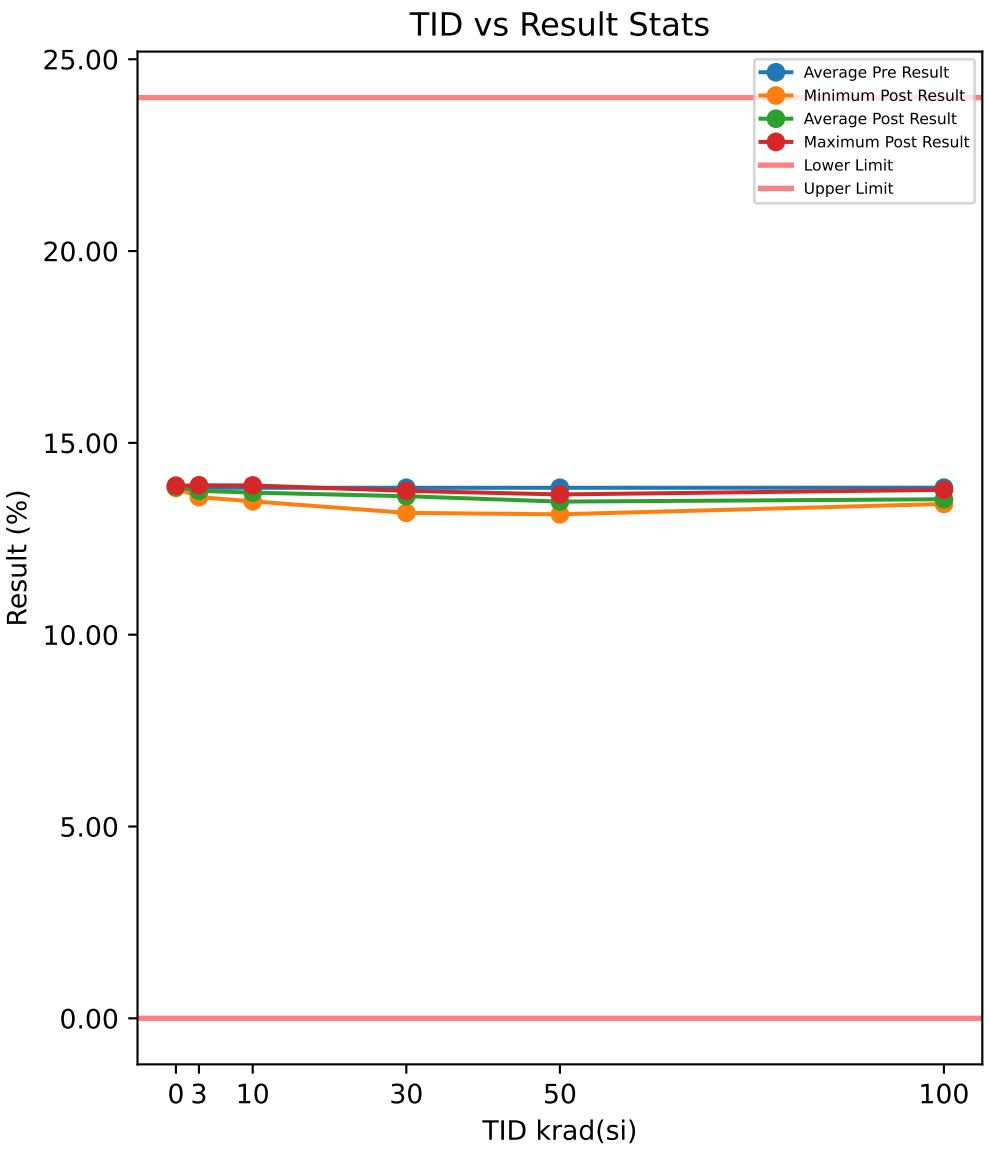
TID vs Post - Pre Exposure Delta

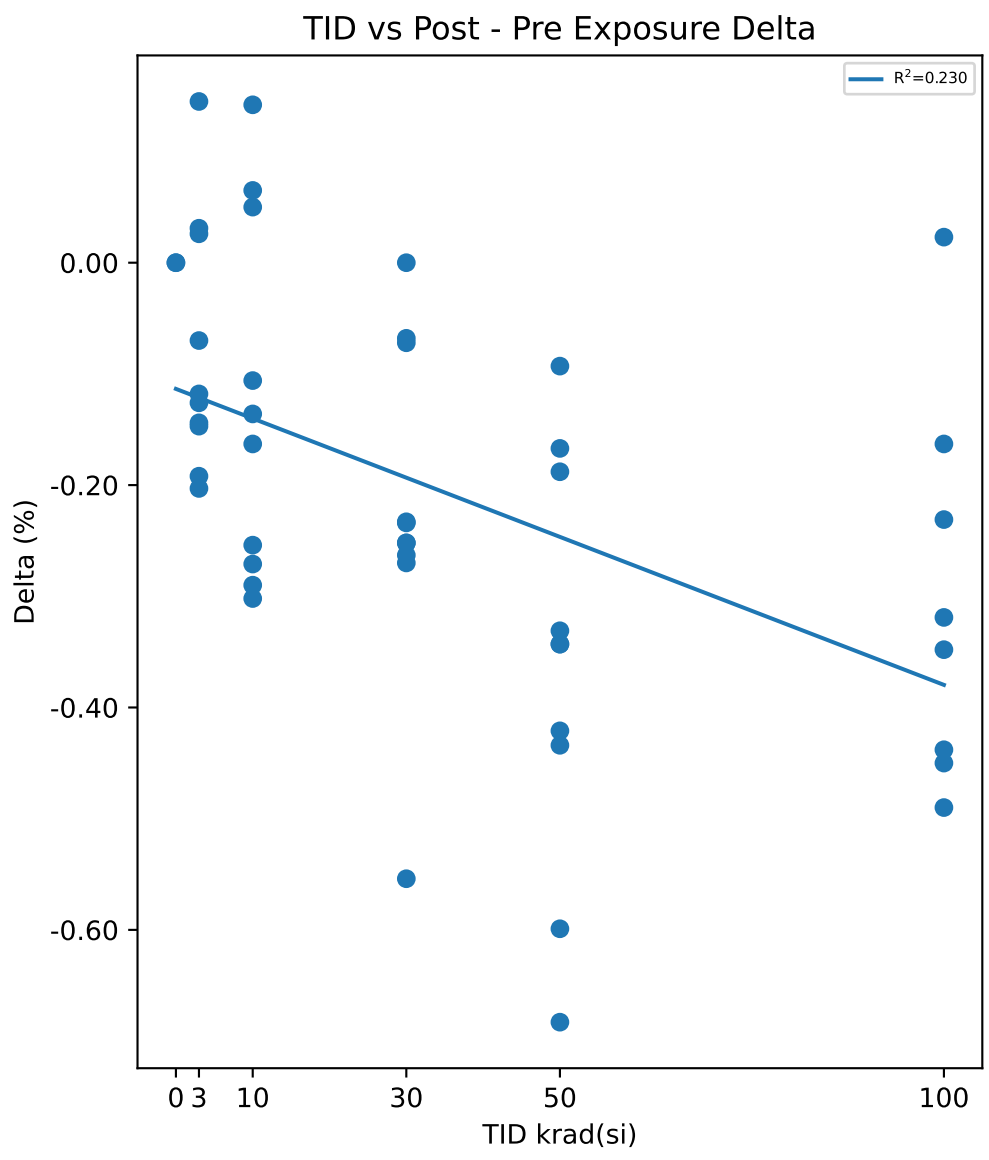


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.03	0.039	0.048	0.012728	0.03	0.039	0.048	0.012728	0	0	0	0
3	0.129	0.1506	0.161	0.0098793	0.015	0.0319	0.05	0.010181	-0.145	-0.1187	-0.094	0.016235
10	0.129	0.1506	0.161	0.0098793	-0.189	-0.1684	-0.146	0.015841	-0.348	-0.319	-0.3	0.018517
30	0.129	0.1506	0.161	0.0098793	0.017	0.0425	0.066	0.016099	-0.129	-0.1081	-0.093	0.014263
50	0.129	0.1506	0.161	0.0098793	-0.002	0.0106	0.033	0.010233	-0.154	-0.14	-0.127	0.0085114
100	0.141	0.15737	0.175	0.0095459	0.039	0.047625	0.063	0.0084674	-0.136	-0.10975	-0.094	0.01336

Device Test: 6.100 VOL_10mA_EN1/EN1/1.6/3/0/0/10/@VOL_EN_10MA





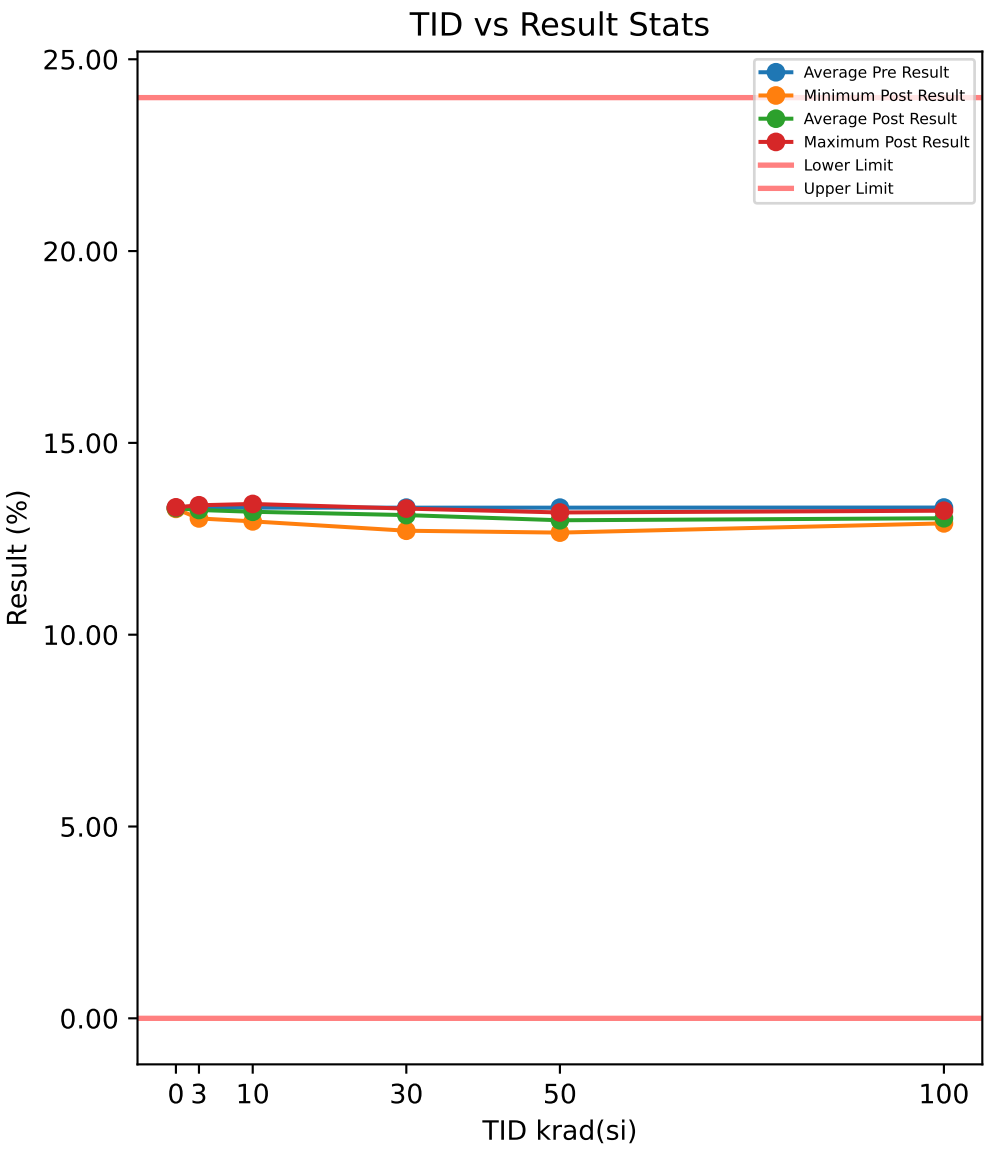
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

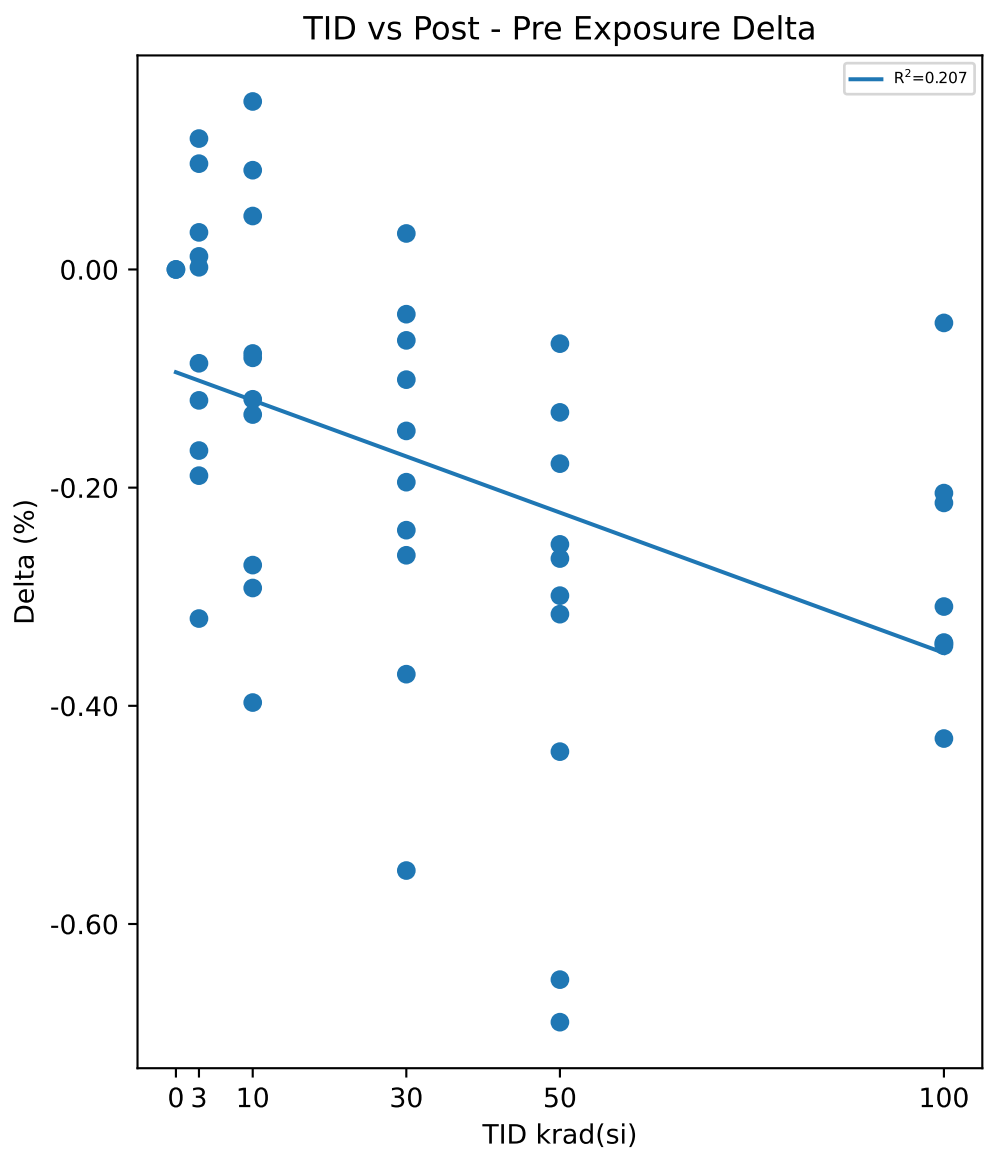
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	13.824	13.824	0
7	0	Correlation	13.883	13.883	0
16	3	LDR-Biased	13.839	13.636	-0.203
18	3	LDR-Biased	13.73	13.586	-0.144
19	3	LDR-Biased	13.837	13.69	-0.147
20	3	LDR-Biased	13.821	13.629	-0.192
21	3	LDR-Biased	13.927	13.857	-0.07
22	3	LDR-Unbiased	13.802	13.828	0.026
23	3	LDR-Unbiased	13.754	13.785	0.031
25	3	LDR-Unbiased	13.888	13.77	-0.118
26	3	LDR-Unbiased	13.951	13.825	-0.126
27	3	LDR-Unbiased	13.749	13.894	0.145
46	10	LDR-Biased	13.839	13.549	-0.29
48	10	LDR-Biased	13.73	13.476	-0.254
49	10	LDR-Biased	13.837	13.566	-0.271
50	10	LDR-Biased	13.821	13.519	-0.302
51	10	LDR-Biased	13.927	13.764	-0.163
52	10	LDR-Unbiased	13.802	13.867	0.065
53	10	LDR-Unbiased	13.754	13.804	0.05
55	10	LDR-Unbiased	13.888	13.782	-0.106
56	10	LDR-Unbiased	13.951	13.815	-0.136
57	10	LDR-Unbiased	13.749	13.891	0.142
76	30	LDR-Biased	13.839	13.576	-0.263
78	30	LDR-Biased	13.73	13.176	-0.554
79	30	LDR-Biased	13.837	13.585	-0.252
80	30	LDR-Biased	13.821	13.551	-0.27
81	30	LDR-Biased	13.927	13.693	-0.234
82	30	LDR-Unbiased	13.802	13.734	-0.068
83	30	LDR-Unbiased	13.754	13.682	-0.072
84	30	LDR-Unbiased	13.749	13.749	0
85	30	LDR-Unbiased	13.888	13.655	-0.233
86	30	LDR-Unbiased	13.951	13.699	-0.252
87	100	LDR-Biased	13.95	13.46	-0.49
88	100	LDR-Biased	13.919	13.756	-0.163
90	100	LDR-Biased	13.752	13.775	0.023
91	100	LDR-Unbiased	13.758	13.41	-0.348
93	100	LDR-Unbiased	13.928	13.478	-0.45
94	100	LDR-Unbiased	13.846	13.408	-0.438
95	100	LDR-Unbiased	13.747	13.516	-0.231
96	100	LDR-Unbiased	13.757	13.438	-0.319
106	50	LDR-Biased	13.839	13.24	-0.599
108	50	LDR-Biased	13.73	13.296	-0.434
109	50	LDR-Biased	13.837	13.416	-0.421
110	50	LDR-Biased	13.821	13.138	-0.683
111	50	LDR-Biased	13.927	13.584	-0.343
112	50	LDR-Unbiased	13.802	13.635	-0.167
113	50	LDR-Unbiased	13.754	13.566	-0.188
115	50	LDR-Unbiased	13.888	13.545	-0.343
116	50	LDR-Unbiased	13.951	13.62	-0.331
117	50	LDR-Unbiased	13.749	13.656	-0.093

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.824	13.854	13.883	0.041719	13.824	13.854	13.883	0.041719	0	0	0	0
3	13.73	13.83	13.951	0.075089	13.586	13.75	13.894	0.10732	-0.203	-0.0798	0.145	0.1126
10	13.73	13.83	13.951	0.075089	13.476	13.703	13.891	0.15734	-0.302	-0.1265	0.142	0.16208
30	13.73	13.83	13.951	0.075089	13.176	13.61	13.749	0.16678	-0.554	-0.2198	0	0.15338
50	13.73	13.83	13.951	0.075089	13.138	13.47	13.656	0.18513	-0.683	-0.3602	-0.093	0.18565
100	13.747	13.832	13.95	0.089147	13.408	13.53	13.775	0.14959	-0.49	-0.302	0.023	0.17243

Device Test: 6.101 VOL_10mA_EN2/EN2/1.6/3/0/0/10/@VOL_EN_10MA





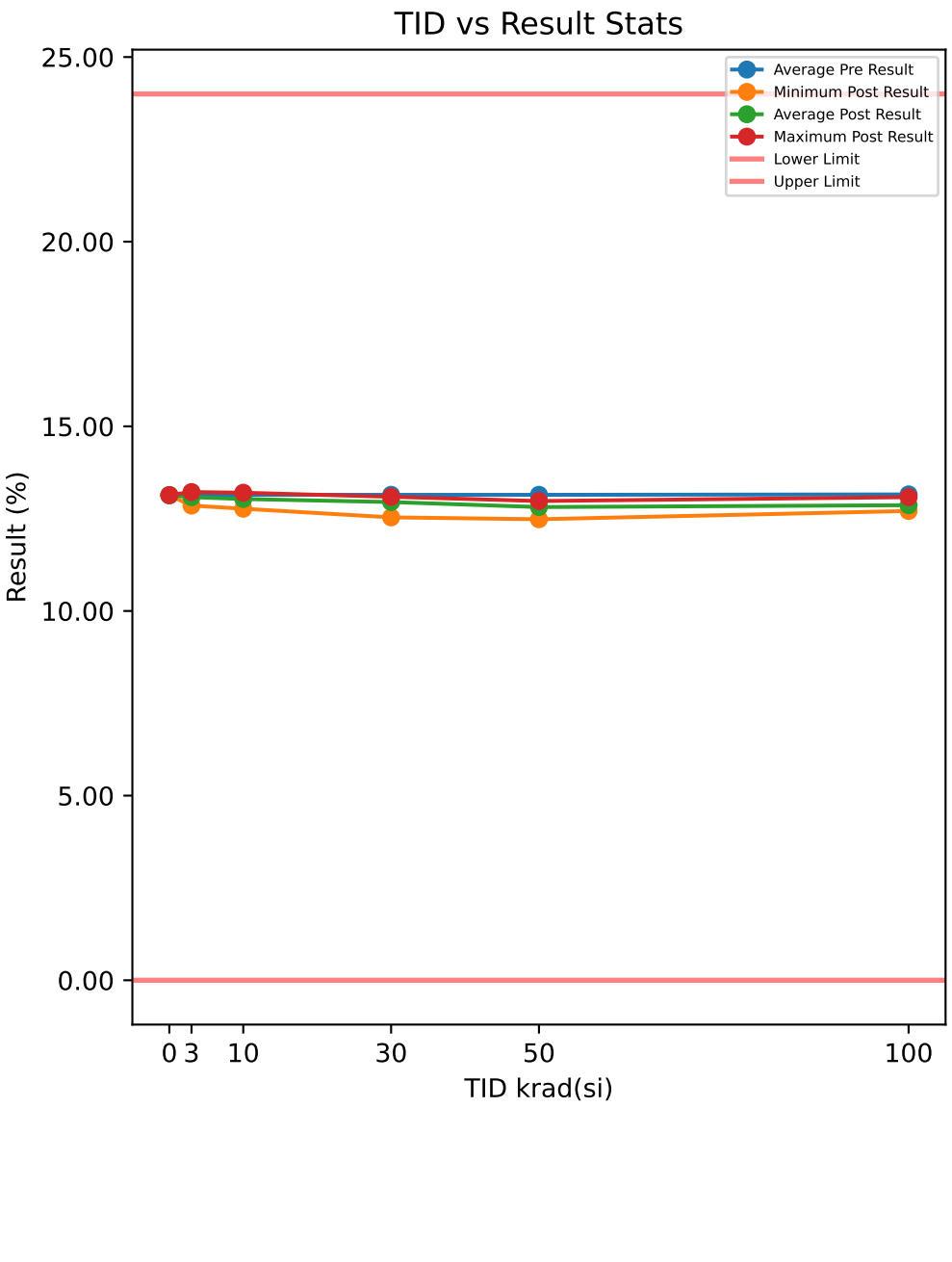
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

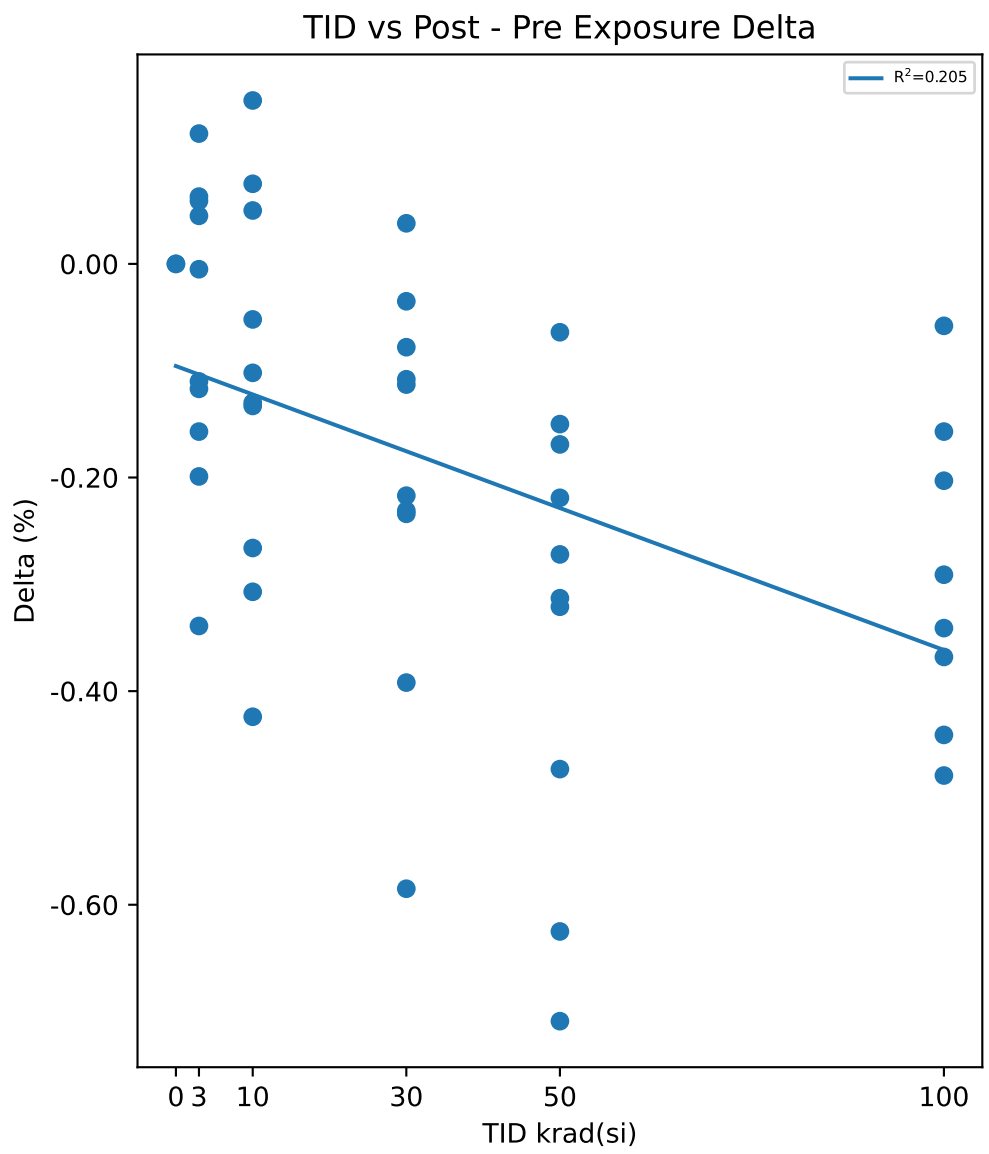
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	13.28	13.28	0
7	0	Correlation	13.32	13.32	0
16	3	LDR-Biased	13.351	13.031	-0.32
18	3	LDR-Biased	13.261	13.095	-0.166
19	3	LDR-Biased	13.31	13.312	0.002
20	3	LDR-Biased	13.319	13.13	-0.189
21	3	LDR-Biased	13.353	13.365	0.012
22	3	LDR-Unbiased	13.254	13.374	0.12
23	3	LDR-Unbiased	13.3	13.334	0.034
25	3	LDR-Unbiased	13.298	13.212	-0.086
26	3	LDR-Unbiased	13.401	13.281	-0.12
27	3	LDR-Unbiased	13.272	13.369	0.097
46	10	LDR-Biased	13.351	12.954	-0.397
48	10	LDR-Biased	13.261	12.99	-0.271
49	10	LDR-Biased	13.31	13.191	-0.119
50	10	LDR-Biased	13.319	13.027	-0.292
51	10	LDR-Biased	13.353	13.272	-0.081
52	10	LDR-Unbiased	13.254	13.408	0.154
53	10	LDR-Unbiased	13.3	13.349	0.049
55	10	LDR-Unbiased	13.298	13.221	-0.077
56	10	LDR-Unbiased	13.401	13.268	-0.133
57	10	LDR-Unbiased	13.272	13.363	0.091
76	30	LDR-Biased	13.351	12.98	-0.371
78	30	LDR-Biased	13.261	12.71	-0.551
79	30	LDR-Biased	13.31	13.209	-0.101
80	30	LDR-Biased	13.319	13.057	-0.262
81	30	LDR-Biased	13.353	13.205	-0.148
82	30	LDR-Unbiased	13.254	13.287	0.033
83	30	LDR-Unbiased	13.3	13.235	-0.065
84	30	LDR-Unbiased	13.272	13.231	-0.041
85	30	LDR-Unbiased	13.298	13.103	-0.195
86	30	LDR-Unbiased	13.401	13.162	-0.239
87	100	LDR-Biased	13.376	12.946	-0.43
88	100	LDR-Biased	13.428	13.214	-0.214
90	100	LDR-Biased	13.281	13.232	-0.049
91	100	LDR-Unbiased	13.211	12.902	-0.309
93	100	LDR-Unbiased	13.355	13.012	-0.343
94	100	LDR-Unbiased	13.359	13.014	-0.345
95	100	LDR-Unbiased	13.228	13.023	-0.205
96	100	LDR-Unbiased	13.281	12.939	-0.342
106	50	LDR-Biased	13.351	12.661	-0.69
108	50	LDR-Biased	13.261	12.819	-0.442
109	50	LDR-Biased	13.31	13.045	-0.265
110	50	LDR-Biased	13.319	12.668	-0.651
111	50	LDR-Biased	13.353	13.101	-0.252
112	50	LDR-Unbiased	13.254	13.186	-0.068
113	50	LDR-Unbiased	13.3	13.122	-0.178
115	50	LDR-Unbiased	13.298	12.999	-0.299
116	50	LDR-Unbiased	13.401	13.085	-0.316
117	50	LDR-Unbiased	13.272	13.141	-0.131

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.28	13.3	13.32	0.028284	13.28	13.3	13.32	0.028284	0	0	0	0
3	13.254	13.312	13.401	0.046045	13.031	13.25	13.374	0.12581	-0.32	-0.0616	0.12	0.1393
10	13.254	13.312	13.401	0.046045	12.954	13.204	13.408	0.16218	-0.397	-0.1076	0.154	0.17615
30	13.254	13.312	13.401	0.046045	12.71	13.118	13.287	0.1707	-0.551	-0.194	0.033	0.17249
50	13.254	13.312	13.401	0.046045	12.661	12.983	13.186	0.19543	-0.69	-0.3292	-0.068	0.20763
100	13.211	13.315	13.428	0.076273	12.902	13.035	13.232	0.12351	-0.43	-0.27963	-0.049	0.11876

Device Test: 6.102 VOL_10mA_EN3/EN3/1.6/3/0/0/10/@VOL_EN_10MA





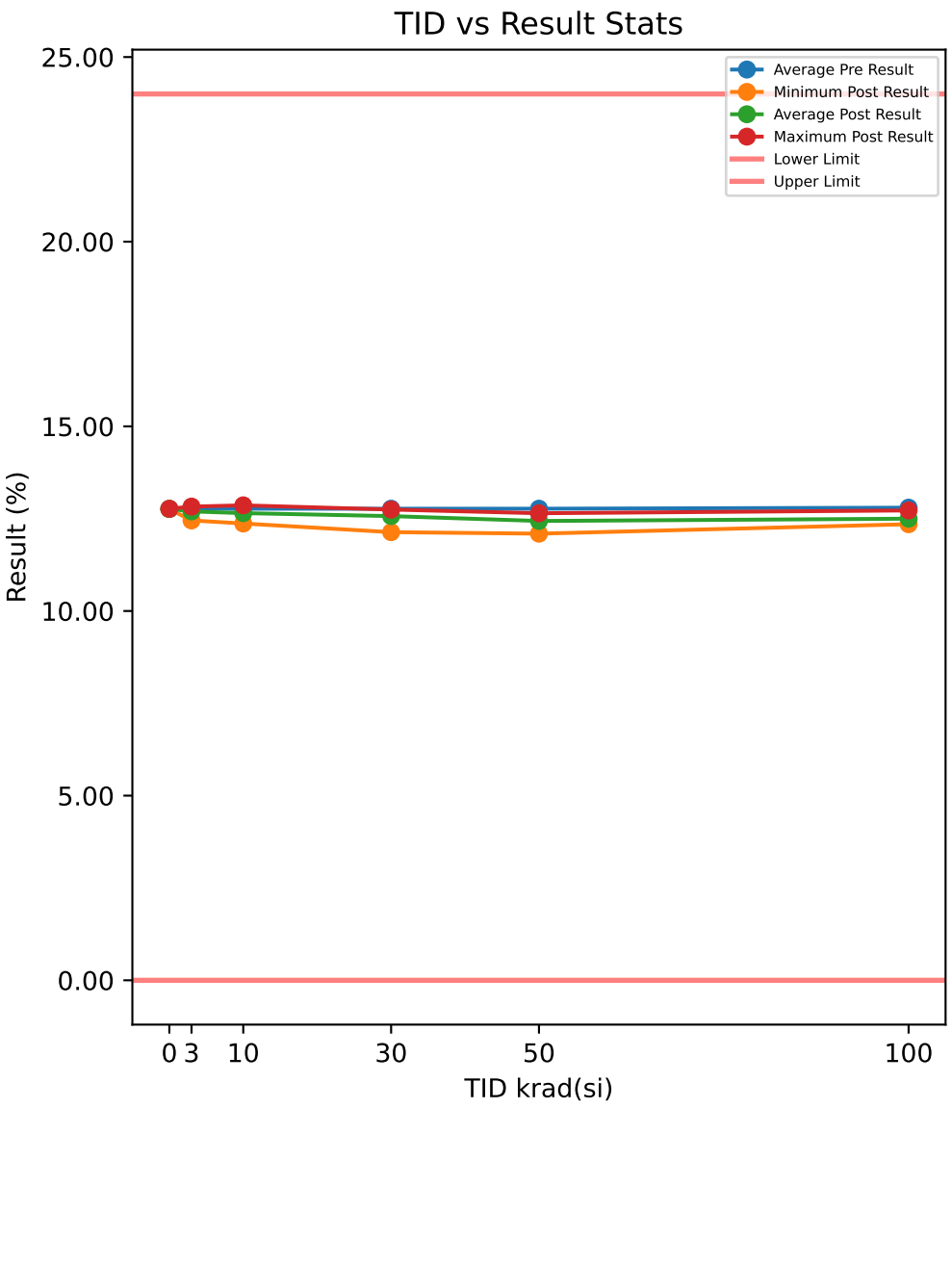
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	13.133	13.133	0
7	0	Correlation	13.138	13.138	0
16	3	LDR-Biased	13.193	12.854	-0.339
18	3	LDR-Biased	13.12	12.921	-0.199
19	3	LDR-Biased	13.173	13.168	-0.005
20	3	LDR-Biased	13.13	12.973	-0.157
21	3	LDR-Biased	13.176	13.221	0.045
22	3	LDR-Unbiased	13.041	13.163	0.122
23	3	LDR-Unbiased	13.127	13.19	0.063
25	3	LDR-Unbiased	13.122	13.012	-0.11
26	3	LDR-Unbiased	13.229	13.112	-0.117
27	3	LDR-Unbiased	13.141	13.2	0.059
46	10	LDR-Biased	13.193	12.769	-0.424
48	10	LDR-Biased	13.12	12.813	-0.307
49	10	LDR-Biased	13.173	13.043	-0.13
50	10	LDR-Biased	13.13	12.864	-0.266
51	10	LDR-Biased	13.176	13.124	-0.052
52	10	LDR-Unbiased	13.041	13.194	0.153
53	10	LDR-Unbiased	13.127	13.202	0.075
55	10	LDR-Unbiased	13.122	13.02	-0.102
56	10	LDR-Unbiased	13.229	13.096	-0.133
57	10	LDR-Unbiased	13.141	13.191	0.05
76	30	LDR-Biased	13.193	12.801	-0.392
78	30	LDR-Biased	13.12	12.535	-0.585
79	30	LDR-Biased	13.173	13.065	-0.108
80	30	LDR-Biased	13.13	12.899	-0.231
81	30	LDR-Biased	13.176	13.063	-0.113
82	30	LDR-Unbiased	13.041	13.079	0.038
83	30	LDR-Unbiased	13.127	13.092	-0.035
84	30	LDR-Unbiased	13.141	13.063	-0.078
85	30	LDR-Unbiased	13.122	12.905	-0.217
86	30	LDR-Unbiased	13.229	12.995	-0.234
87	100	LDR-Biased	13.268	12.789	-0.479
88	100	LDR-Biased	13.268	13.065	-0.203
90	100	LDR-Biased	13.14	13.082	-0.058
91	100	LDR-Unbiased	12.999	12.708	-0.291
93	100	LDR-Unbiased	13.177	12.836	-0.341
94	100	LDR-Unbiased	13.199	12.831	-0.368
95	100	LDR-Unbiased	13.051	12.894	-0.157
96	100	LDR-Unbiased	13.15	12.709	-0.441
106	50	LDR-Biased	13.193	12.484	-0.709
108	50	LDR-Biased	13.12	12.647	-0.473
109	50	LDR-Biased	13.173	12.901	-0.272
110	50	LDR-Biased	13.13	12.505	-0.625
111	50	LDR-Biased	13.176	12.957	-0.219
112	50	LDR-Unbiased	13.041	12.977	-0.064
113	50	LDR-Unbiased	13.127	12.977	-0.15
115	50	LDR-Unbiased	13.122	12.801	-0.321
116	50	LDR-Unbiased	13.229	12.916	-0.313
117	50	LDR-Unbiased	13.141	12.972	-0.169

Test Statistics (%)

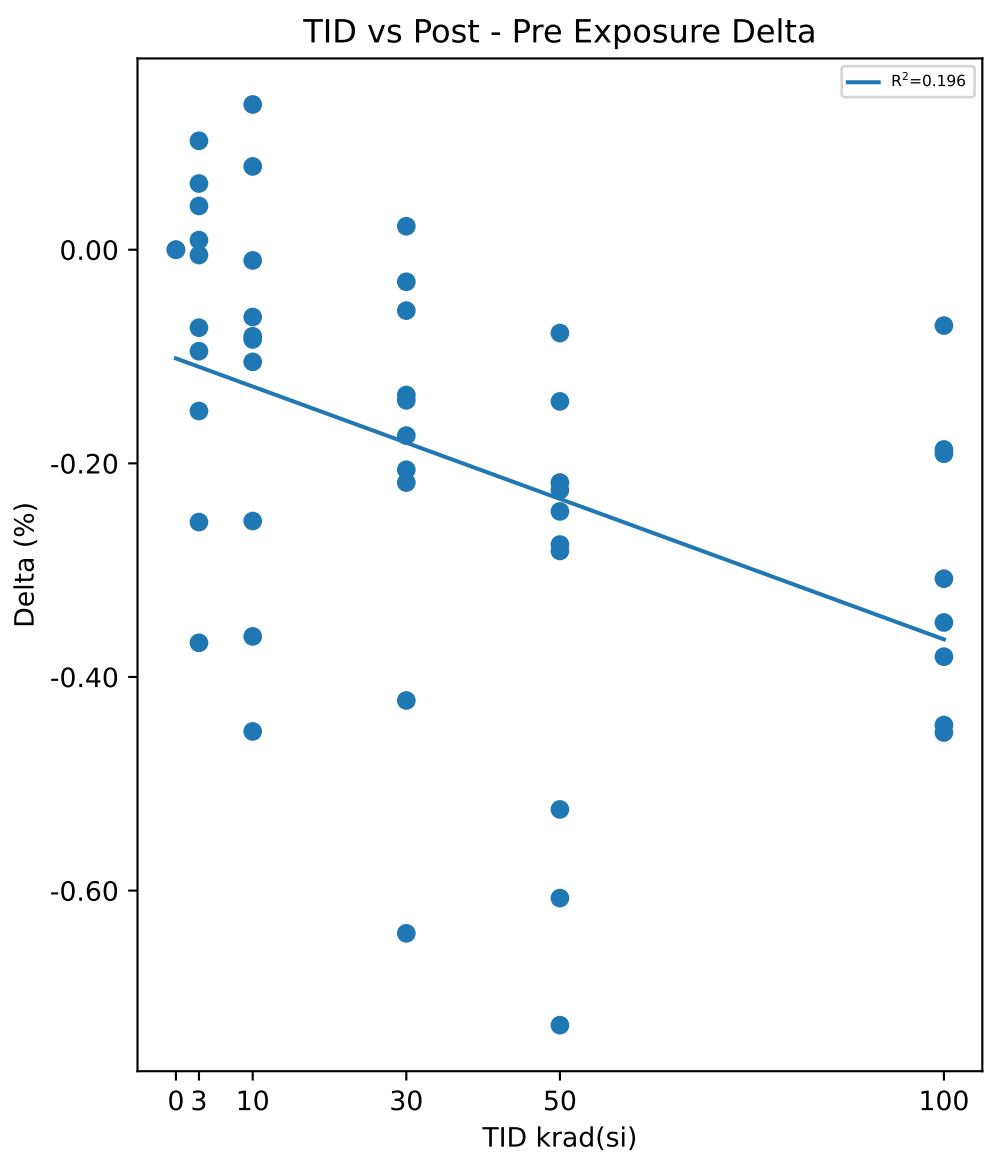
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.133	13.136	13.138	0.0035355	13.133	13.136	13.138	0.0035355	0	0	0	0
3	13.041	13.145	13.229	0.051251	12.854	13.081	13.221	0.131	-0.339	-0.0638	0.122	0.14478
10	13.041	13.145	13.229	0.051251	12.769	13.032	13.202	0.16282	-0.424	-0.1136	0.153	0.18103
30	13.041	13.145	13.229	0.051251	12.535	12.95	13.092	0.17532	-0.585	-0.1955	0.038	0.18321
50	13.041	13.145	13.229	0.051251	12.484	12.814	12.977	0.19691	-0.709	-0.3315	-0.064	0.20982
100	12.999	13.157	13.268	0.095125	12.708	12.864	13.082	0.14377	-0.479	-0.29225	-0.058	0.14454

Device Test: 6.103 VOL_10mA_EN4/EN4/1.6/3/0/0/10/@VOL_EN_10MA



Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

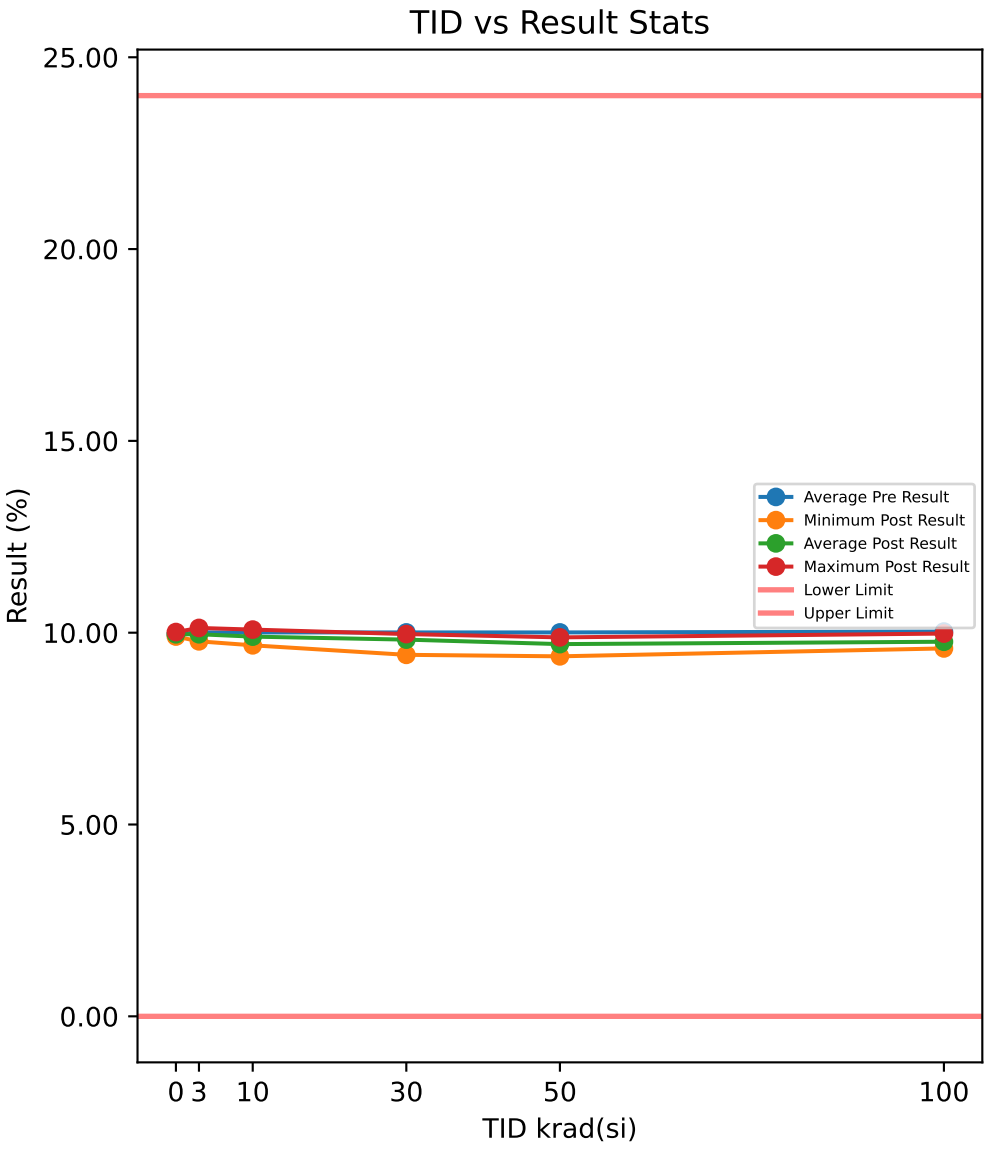
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.768	12.768	0
7	0	Correlation	12.761	12.761	0
16	3	LDR-Biased	12.82	12.452	-0.368
18	3	LDR-Biased	12.775	12.52	-0.255
19	3	LDR-Biased	12.755	12.796	0.041
20	3	LDR-Biased	12.741	12.59	-0.151
21	3	LDR-Biased	12.81	12.819	0.009
22	3	LDR-Unbiased	12.725	12.827	0.102
23	3	LDR-Unbiased	12.724	12.786	0.062
25	3	LDR-Unbiased	12.719	12.646	-0.073
26	3	LDR-Unbiased	12.836	12.741	-0.095
27	3	LDR-Unbiased	12.793	12.788	-0.005
46	10	LDR-Biased	12.82	12.369	-0.451
48	10	LDR-Biased	12.775	12.413	-0.362
49	10	LDR-Biased	12.755	12.674	-0.081
50	10	LDR-Biased	12.741	12.487	-0.254
51	10	LDR-Biased	12.81	12.726	-0.084
52	10	LDR-Unbiased	12.725	12.861	0.136
53	10	LDR-Unbiased	12.724	12.802	0.078
55	10	LDR-Unbiased	12.719	12.656	-0.063
56	10	LDR-Unbiased	12.836	12.731	-0.105
57	10	LDR-Unbiased	12.793	12.783	-0.01
76	30	LDR-Biased	12.82	12.398	-0.422
78	30	LDR-Biased	12.775	12.135	-0.64
79	30	LDR-Biased	12.755	12.698	-0.057
80	30	LDR-Biased	12.741	12.523	-0.218
81	30	LDR-Biased	12.81	12.669	-0.141
82	30	LDR-Unbiased	12.725	12.747	0.022
83	30	LDR-Unbiased	12.724	12.694	-0.03
84	30	LDR-Unbiased	12.793	12.657	-0.136
85	30	LDR-Unbiased	12.719	12.545	-0.174
86	30	LDR-Unbiased	12.836	12.63	-0.206
87	100	LDR-Biased	12.881	12.436	-0.445
88	100	LDR-Biased	12.892	12.705	-0.187
90	100	LDR-Biased	12.794	12.723	-0.071
91	100	LDR-Unbiased	12.685	12.377	-0.308
93	100	LDR-Unbiased	12.812	12.463	-0.349
94	100	LDR-Unbiased	12.827	12.446	-0.381
95	100	LDR-Unbiased	12.686	12.495	-0.191
96	100	LDR-Unbiased	12.802	12.35	-0.452
106	50	LDR-Biased	12.82	12.094	-0.726
108	50	LDR-Biased	12.775	12.251	-0.524
109	50	LDR-Biased	12.755	12.537	-0.218
110	50	LDR-Biased	12.741	12.134	-0.607
111	50	LDR-Biased	12.81	12.565	-0.245
112	50	LDR-Unbiased	12.725	12.647	-0.078
113	50	LDR-Unbiased	12.724	12.582	-0.142
115	50	LDR-Unbiased	12.719	12.443	-0.276
116	50	LDR-Unbiased	12.836	12.554	-0.282
117	50	LDR-Unbiased	12.793	12.568	-0.225

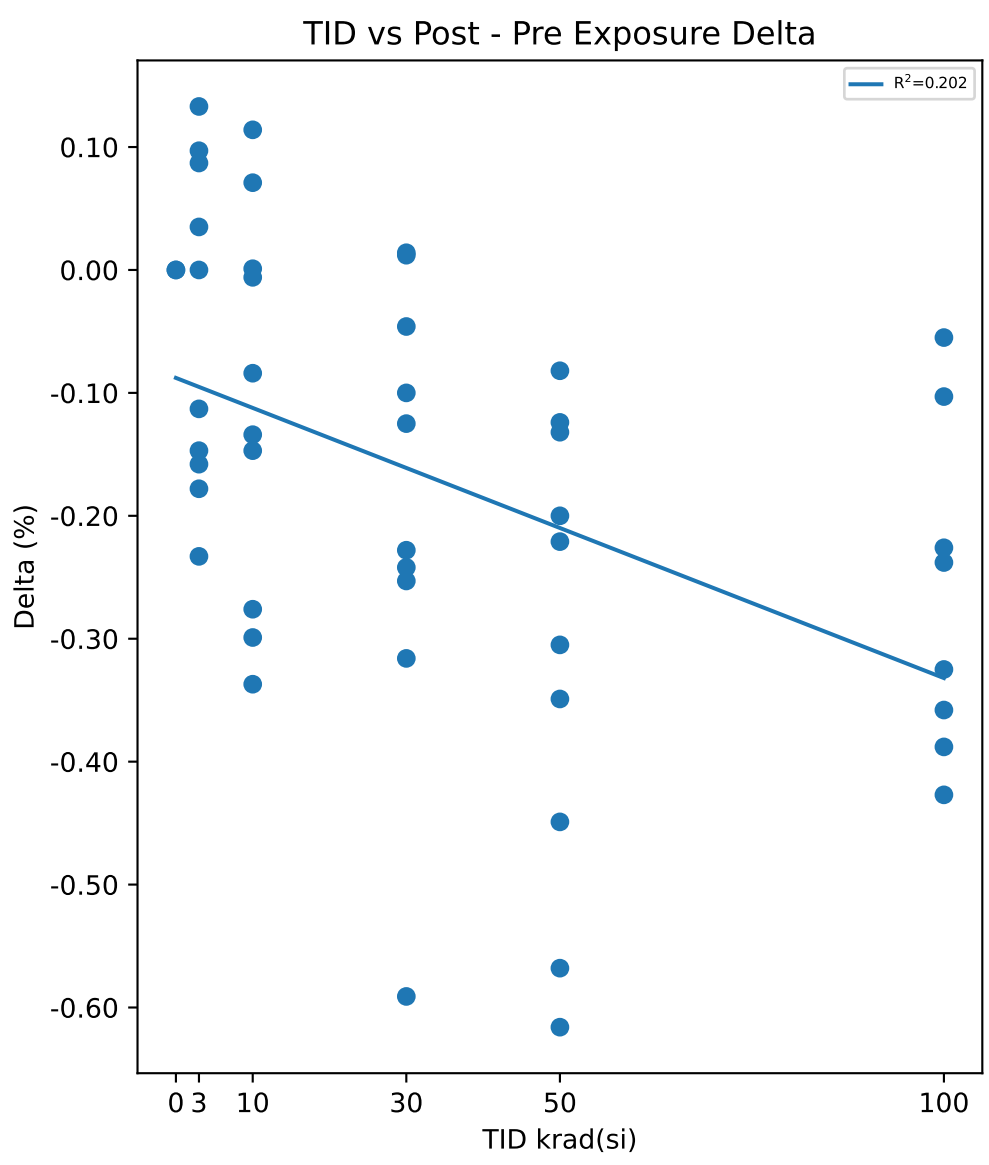


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.761	12.764	12.768	0.0049497	12.761	12.764	12.768	0.0049497	0	0	0	0
3	12.719	12.77	12.836	0.043228	12.452	12.697	12.827	0.13545	-0.368	-0.0733	0.102	0.14904
10	12.719	12.77	12.836	0.043228	12.369	12.65	12.861	0.16995	-0.451	-0.1196	0.136	0.18536
30	12.719	12.77	12.836	0.043228	12.135	12.57	12.747	0.1843	-0.64	-0.2002	0.022	0.19724
50	12.719	12.77	12.836	0.043228	12.094	12.438	12.647	0.20178	-0.726	-0.3323	-0.078	0.21239
100	12.685	12.797	12.892	0.077555	12.35	12.499	12.723	0.1403	-0.452	-0.298	-0.071	0.13639

Device Test: 6.104 VOL_10mA_SEQ/SEQ_DONE/1.6/3/0/0/10/@VOL_SEQ_DONE_10MA





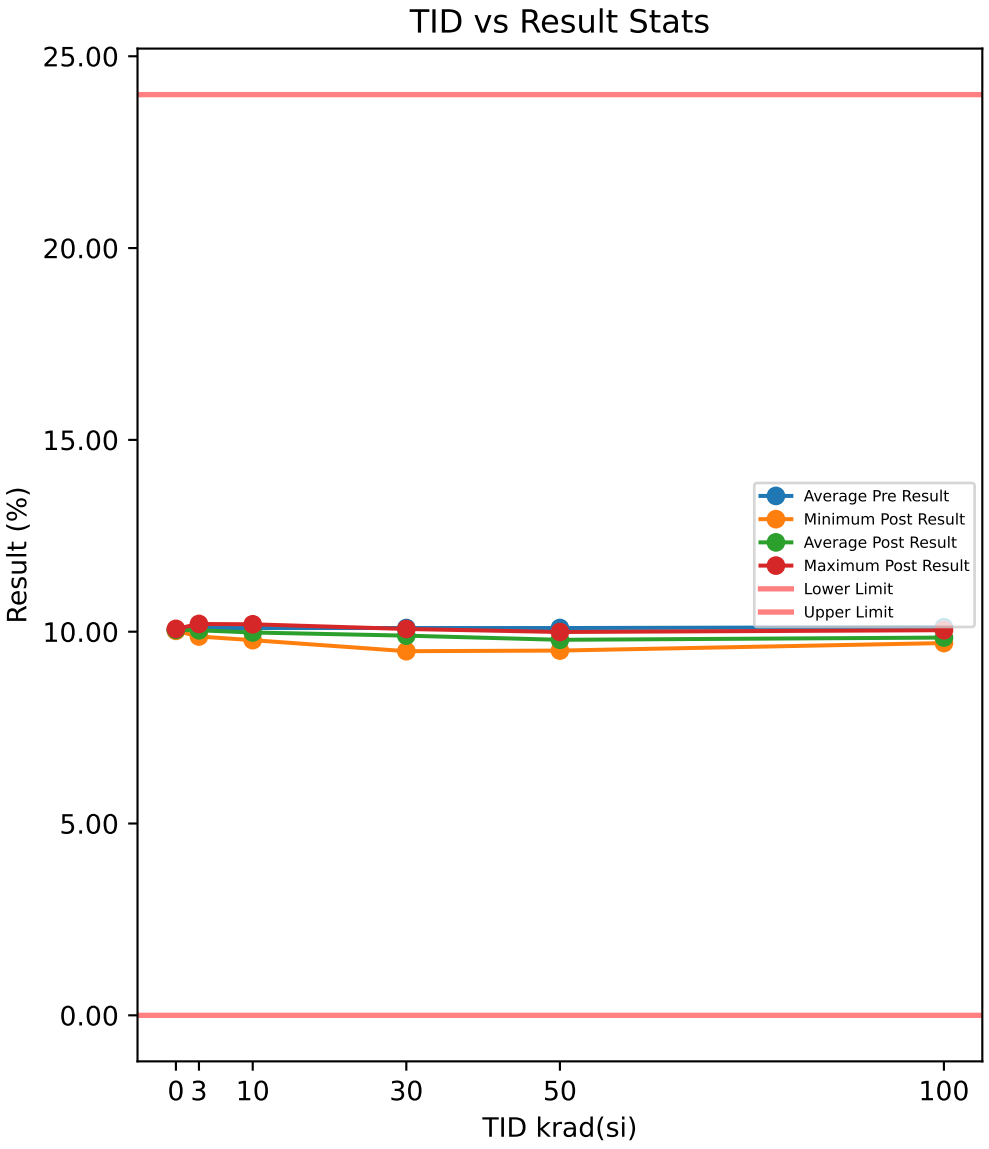
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

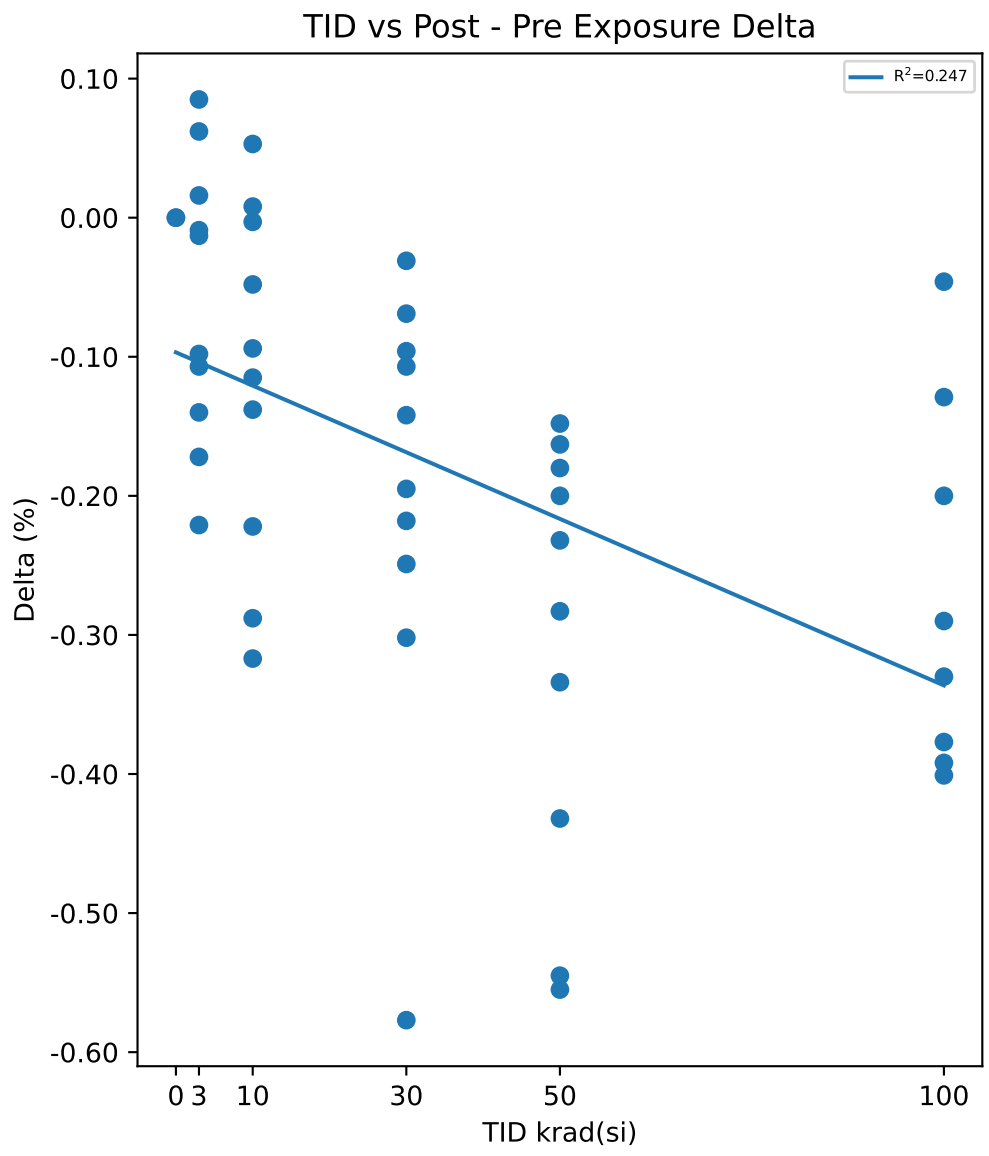
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	10.017	10.017	0
7	0	Correlation	9.9	9.9	0
16	3	LDR-Biased	10.008	9.775	-0.233
18	3	LDR-Biased	10.014	9.836	-0.178
19	3	LDR-Biased	9.94	10.073	0.133
20	3	LDR-Biased	10	9.842	-0.158
21	3	LDR-Biased	10.089	10.124	0.035
22	3	LDR-Unbiased	9.945	10.042	0.097
23	3	LDR-Unbiased	9.995	9.995	0
25	3	LDR-Unbiased	9.981	9.834	-0.147
26	3	LDR-Unbiased	10.089	9.976	-0.113
27	3	LDR-Unbiased	10.01	10.097	0.087
46	10	LDR-Biased	10.008	9.671	-0.337
48	10	LDR-Biased	10.014	9.715	-0.299
49	10	LDR-Biased	9.94	9.934	-0.006
50	10	LDR-Biased	10	9.724	-0.276
51	10	LDR-Biased	10.089	10.005	-0.084
52	10	LDR-Unbiased	9.945	10.059	0.114
53	10	LDR-Unbiased	9.995	9.996	0.001
55	10	LDR-Unbiased	9.981	9.834	-0.147
56	10	LDR-Unbiased	10.089	9.955	-0.134
57	10	LDR-Unbiased	10.01	10.081	0.071
76	30	LDR-Biased	10.008	9.692	-0.316
78	30	LDR-Biased	10.014	9.423	-0.591
79	30	LDR-Biased	9.94	9.954	0.014
80	30	LDR-Biased	10	9.758	-0.242
81	30	LDR-Biased	10.089	9.964	-0.125
82	30	LDR-Unbiased	9.945	9.957	0.012
83	30	LDR-Unbiased	9.995	9.895	-0.1
84	30	LDR-Unbiased	10.01	9.964	-0.046
85	30	LDR-Unbiased	9.981	9.728	-0.253
86	30	LDR-Unbiased	10.089	9.861	-0.228
87	100	LDR-Biased	10.137	9.71	-0.427
88	100	LDR-Biased	10.065	9.962	-0.103
90	100	LDR-Biased	10.032	9.977	-0.055
91	100	LDR-Unbiased	9.915	9.59	-0.325
93	100	LDR-Unbiased	10.09	9.702	-0.388
94	100	LDR-Unbiased	10.014	9.788	-0.226
95	100	LDR-Unbiased	9.965	9.727	-0.238
96	100	LDR-Unbiased	10.017	9.659	-0.358
106	50	LDR-Biased	10.008	9.44	-0.568
108	50	LDR-Biased	10.014	9.565	-0.449
109	50	LDR-Biased	9.94	9.816	-0.124
110	50	LDR-Biased	10	9.384	-0.616
111	50	LDR-Biased	10.089	9.868	-0.221
112	50	LDR-Unbiased	9.945	9.863	-0.082
113	50	LDR-Unbiased	9.995	9.795	-0.2
115	50	LDR-Unbiased	9.981	9.632	-0.349
116	50	LDR-Unbiased	10.089	9.784	-0.305
117	50	LDR-Unbiased	10.01	9.878	-0.132

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.9	9.9585	10.017	0.082731	9.9	9.9585	10.017	0.082731	0	0	0	0
3	9.94	10.007	10.089	0.050232	9.775	9.9594	10.124	0.12738	-0.233	-0.0477	0.133	0.13269
10	9.94	10.007	10.089	0.050232	9.671	9.8974	10.081	0.1507	-0.337	-0.1097	0.114	0.15759
30	9.94	10.007	10.089	0.050232	9.423	9.8196	9.964	0.17378	-0.591	-0.1875	0.014	0.18264
50	9.94	10.007	10.089	0.050232	9.384	9.7025	9.878	0.18447	-0.616	-0.3046	-0.082	0.18828
100	9.915	10.029	10.137	0.069847	9.59	9.7644	9.977	0.13866	-0.427	-0.265	-0.055	0.13428

Device Test: 6.105 VOL_10mA_PWRGD/PWRGD/1.6/3/0/0/10/@VOL_PWRGD_10MA





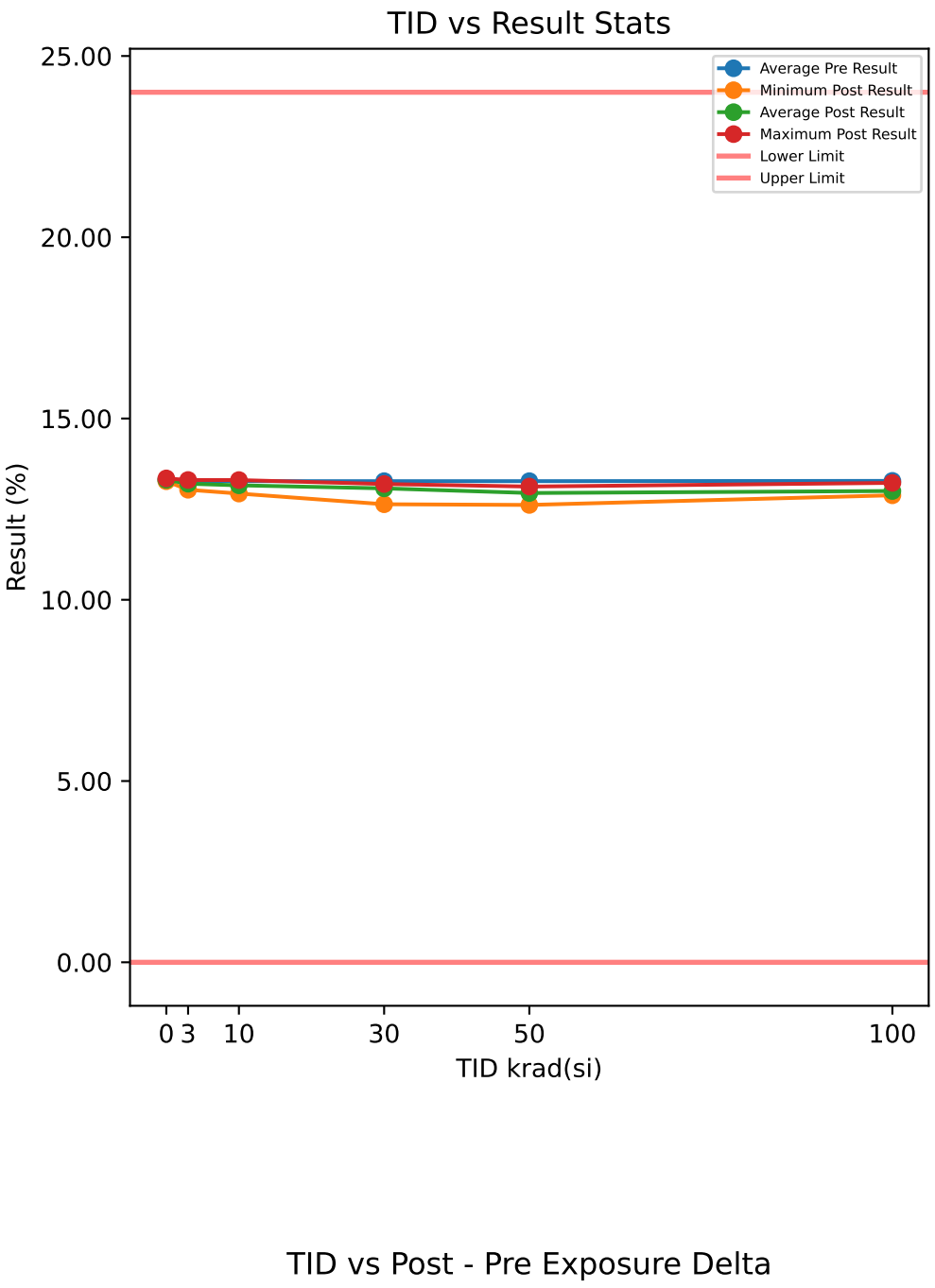
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

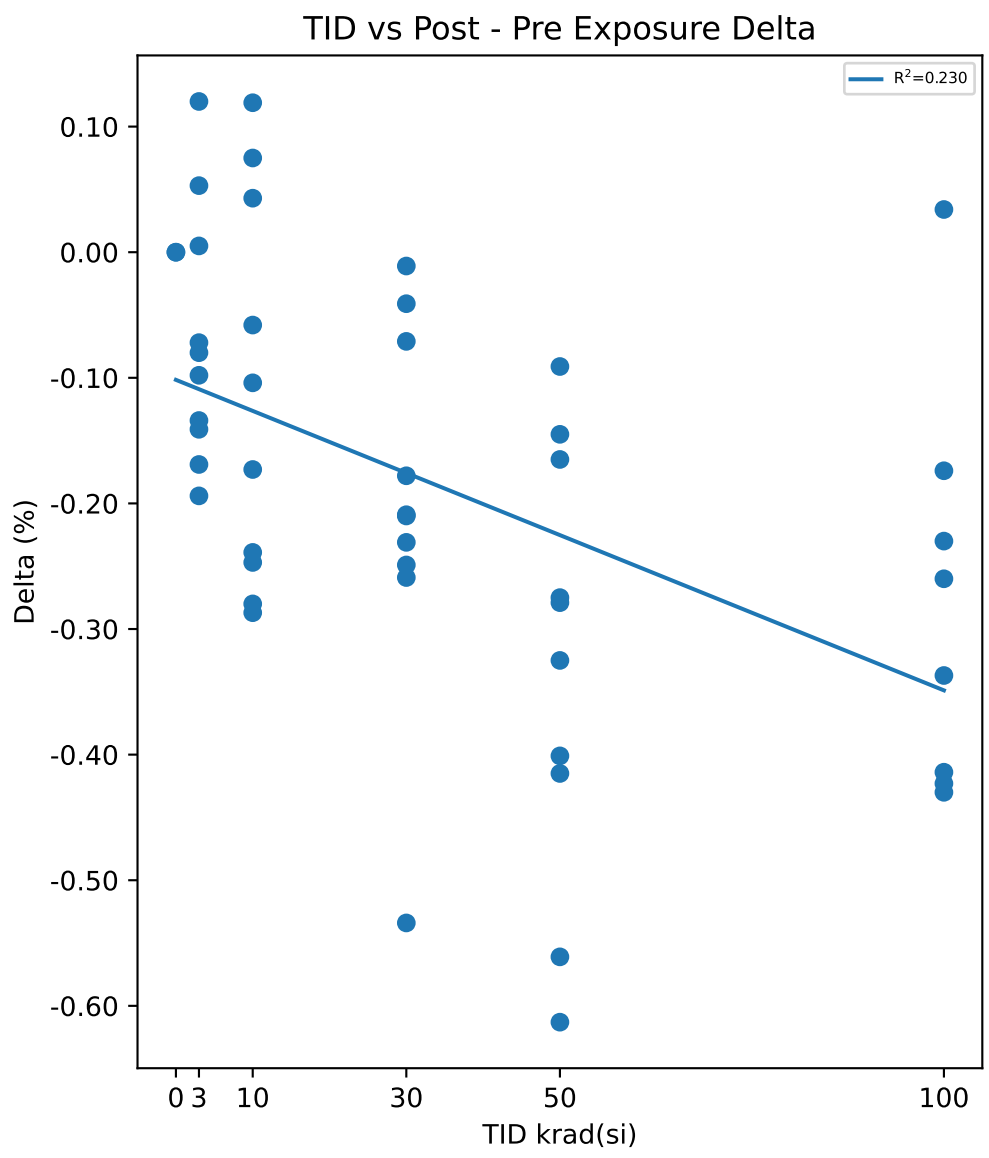
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	10.073	10.073	0
7	0	Correlation	10.022	10.022	0
16	3	LDR-Biased	10.096	9.875	-0.221
18	3	LDR-Biased	10.069	9.897	-0.172
19	3	LDR-Biased	10.075	10.16	0.085
20	3	LDR-Biased	10.063	9.956	-0.107
21	3	LDR-Biased	10.167	10.183	0.016
22	3	LDR-Unbiased	10.064	10.051	-0.013
23	3	LDR-Unbiased	10.071	10.062	-0.009
25	3	LDR-Unbiased	10.073	9.933	-0.14
26	3	LDR-Unbiased	10.14	10.042	-0.098
27	3	LDR-Unbiased	10.14	10.202	0.062
46	10	LDR-Biased	10.096	9.779	-0.317
48	10	LDR-Biased	10.069	9.781	-0.288
49	10	LDR-Biased	10.075	10.027	-0.048
50	10	LDR-Biased	10.063	9.841	-0.222
51	10	LDR-Biased	10.167	10.073	-0.094
52	10	LDR-Unbiased	10.064	10.072	0.008
53	10	LDR-Unbiased	10.071	10.068	-0.003
55	10	LDR-Unbiased	10.073	9.935	-0.138
56	10	LDR-Unbiased	10.14	10.025	-0.115
57	10	LDR-Unbiased	10.14	10.193	0.053
76	30	LDR-Biased	10.096	9.794	-0.302
78	30	LDR-Biased	10.069	9.492	-0.577
79	30	LDR-Biased	10.075	10.044	-0.031
80	30	LDR-Biased	10.063	9.868	-0.195
81	30	LDR-Biased	10.167	10.025	-0.142
82	30	LDR-Unbiased	10.064	9.968	-0.096
83	30	LDR-Unbiased	10.071	9.964	-0.107
84	30	LDR-Unbiased	10.14	10.071	-0.069
85	30	LDR-Unbiased	10.073	9.824	-0.249
86	30	LDR-Unbiased	10.14	9.922	-0.218
87	100	LDR-Biased	10.166	9.774	-0.392
88	100	LDR-Biased	10.154	10.025	-0.129
90	100	LDR-Biased	10.085	10.039	-0.046
91	100	LDR-Unbiased	10.034	9.704	-0.33
93	100	LDR-Unbiased	10.167	9.766	-0.401
94	100	LDR-Unbiased	10.102	9.902	-0.2
95	100	LDR-Unbiased	10.085	9.795	-0.29
96	100	LDR-Unbiased	10.147	9.77	-0.377
106	50	LDR-Biased	10.096	9.551	-0.545
108	50	LDR-Biased	10.069	9.637	-0.432
109	50	LDR-Biased	10.075	9.912	-0.163
110	50	LDR-Biased	10.063	9.508	-0.555
111	50	LDR-Biased	10.167	9.935	-0.232
112	50	LDR-Unbiased	10.064	9.884	-0.18
113	50	LDR-Unbiased	10.071	9.871	-0.2
115	50	LDR-Unbiased	10.073	9.739	-0.334
116	50	LDR-Unbiased	10.14	9.857	-0.283
117	50	LDR-Unbiased	10.14	9.992	-0.148

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.022	10.047	10.073	0.036062	10.022	10.047	10.073	0.036062	0	0	0	0
3	10.063	10.096	10.167	0.038513	9.875	10.036	10.202	0.11913	-0.221	-0.0597	0.085	0.10275
10	10.063	10.096	10.167	0.038513	9.779	9.9794	10.193	0.13976	-0.317	-0.1164	0.053	0.12628
30	10.063	10.096	10.167	0.038513	9.492	9.8972	10.071	0.16971	-0.577	-0.1986	-0.031	0.1577
50	10.063	10.096	10.167	0.038513	9.508	9.7886	9.992	0.16972	-0.555	-0.3072	-0.148	0.15431
100	10.034	10.117	10.167	0.0483	9.704	9.8469	10.039	0.1268	-0.401	-0.27063	-0.046	0.13226

Device Test: 6.106 VOL_10mA_EN1/EN1/1.6/14/0/0/10/@VOL_EN_10MA





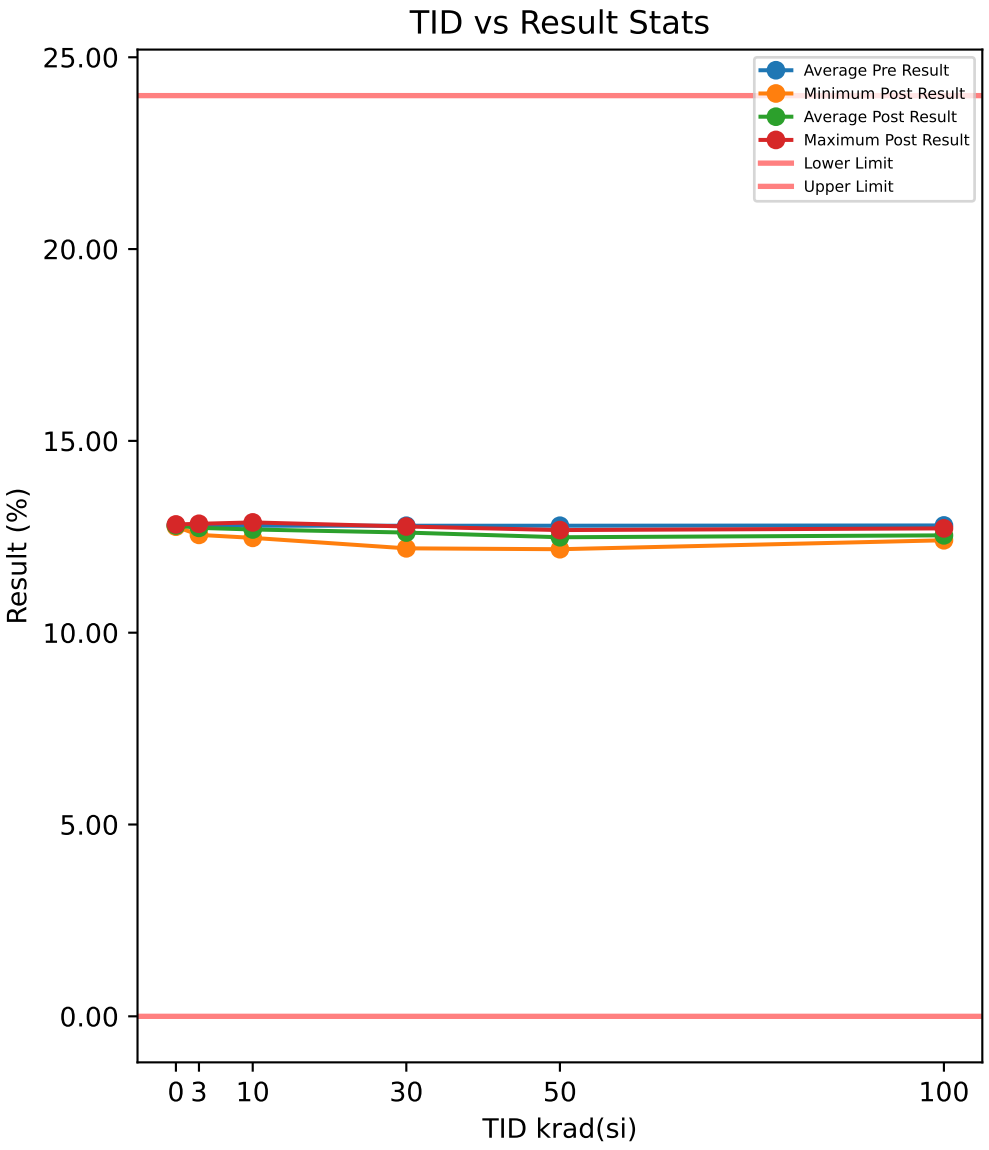
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

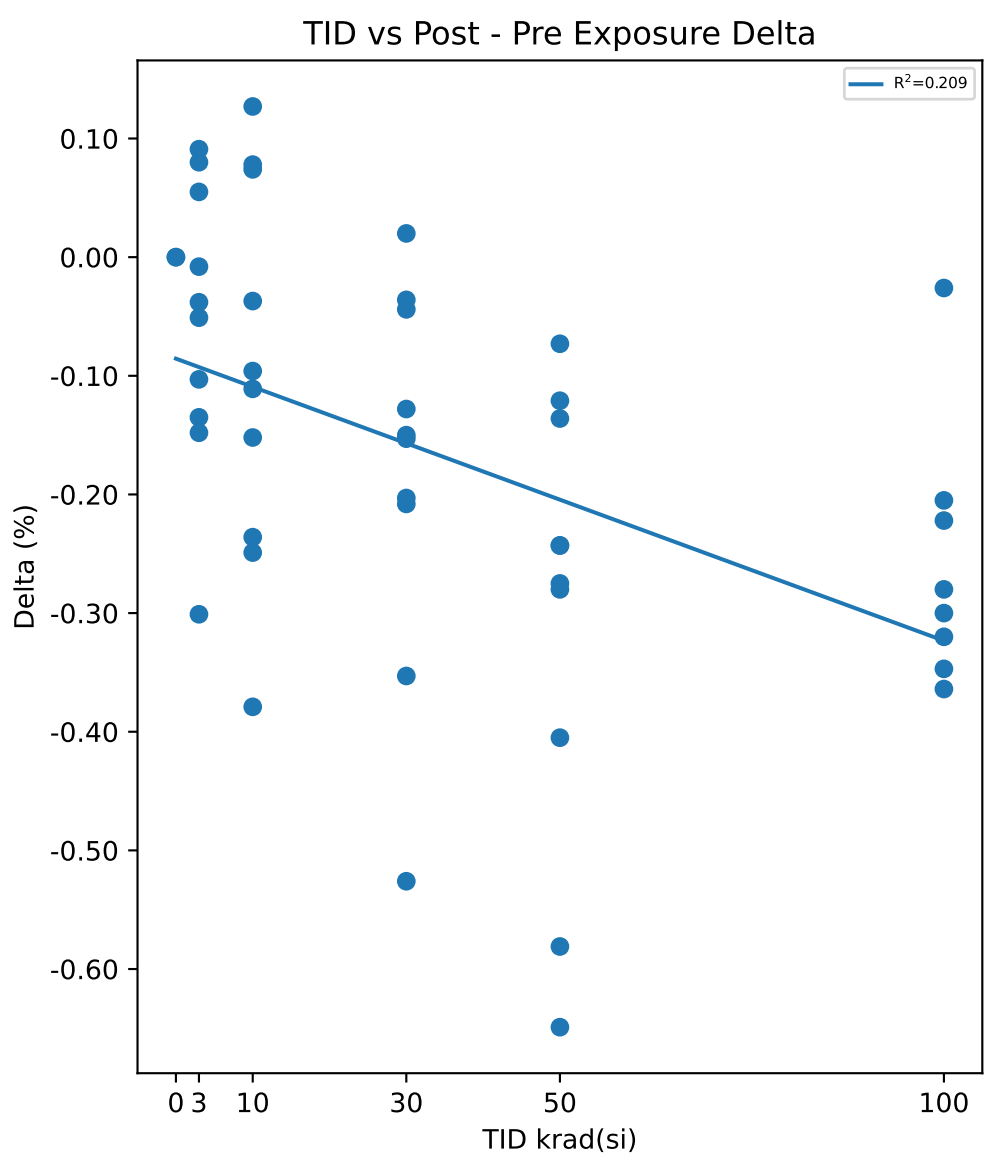
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	13.27	13.27	0
7	0	Correlation	13.348	13.348	0
16	3	LDR-Biased	13.304	13.11	-0.194
18	3	LDR-Biased	13.169	13.035	-0.134
19	3	LDR-Biased	13.298	13.129	-0.169
20	3	LDR-Biased	13.229	13.088	-0.141
21	3	LDR-Biased	13.362	13.282	-0.08
22	3	LDR-Unbiased	13.259	13.264	0.005
23	3	LDR-Unbiased	13.192	13.245	0.053
25	3	LDR-Unbiased	13.331	13.259	-0.072
26	3	LDR-Unbiased	13.402	13.304	-0.098
27	3	LDR-Unbiased	13.175	13.295	0.12
46	10	LDR-Biased	13.304	13.024	-0.28
48	10	LDR-Biased	13.169	12.93	-0.239
49	10	LDR-Biased	13.298	13.011	-0.287
50	10	LDR-Biased	13.229	12.982	-0.247
51	10	LDR-Biased	13.362	13.189	-0.173
52	10	LDR-Unbiased	13.259	13.302	0.043
53	10	LDR-Unbiased	13.192	13.267	0.075
55	10	LDR-Unbiased	13.331	13.273	-0.058
56	10	LDR-Unbiased	13.402	13.298	-0.104
57	10	LDR-Unbiased	13.175	13.294	0.119
76	30	LDR-Biased	13.304	13.055	-0.249
78	30	LDR-Biased	13.169	12.635	-0.534
79	30	LDR-Biased	13.298	13.039	-0.259
80	30	LDR-Biased	13.229	13.019	-0.21
81	30	LDR-Biased	13.362	13.131	-0.231
82	30	LDR-Unbiased	13.259	13.188	-0.071
83	30	LDR-Unbiased	13.192	13.151	-0.041
84	30	LDR-Unbiased	13.175	13.164	-0.011
85	30	LDR-Unbiased	13.331	13.153	-0.178
86	30	LDR-Unbiased	13.402	13.193	-0.209
87	100	LDR-Biased	13.379	12.965	-0.414
88	100	LDR-Biased	13.38	13.206	-0.174
90	100	LDR-Biased	13.19	13.224	0.034
91	100	LDR-Unbiased	13.219	12.882	-0.337
93	100	LDR-Unbiased	13.364	12.941	-0.423
94	100	LDR-Unbiased	13.312	12.882	-0.43
95	100	LDR-Unbiased	13.21	12.98	-0.23
96	100	LDR-Unbiased	13.183	12.923	-0.26
106	50	LDR-Biased	13.304	12.743	-0.561
108	50	LDR-Biased	13.169	12.768	-0.401
109	50	LDR-Biased	13.298	12.883	-0.415
110	50	LDR-Biased	13.229	12.616	-0.613
111	50	LDR-Biased	13.362	13.037	-0.325
112	50	LDR-Unbiased	13.259	13.094	-0.165
113	50	LDR-Unbiased	13.192	13.047	-0.145
115	50	LDR-Unbiased	13.331	13.056	-0.275
116	50	LDR-Unbiased	13.402	13.123	-0.279
117	50	LDR-Unbiased	13.175	13.084	-0.091

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.27	13.309	13.348	0.055154	13.27	13.309	13.348	0.055154	0	0	0	0
3	13.169	13.272	13.402	0.080703	13.035	13.201	13.304	0.099479	-0.194	-0.071	0.12	0.10113
10	13.169	13.272	13.402	0.080703	12.93	13.157	13.302	0.15181	-0.287	-0.1151	0.119	0.15354
30	13.169	13.272	13.402	0.080703	12.635	13.073	13.193	0.166	-0.534	-0.1993	-0.011	0.14784
50	13.169	13.272	13.402	0.080703	12.616	12.945	13.123	0.17908	-0.613	-0.327	-0.091	0.17316
100	13.183	13.28	13.38	0.087839	12.882	13	13.224	0.13706	-0.43	-0.27925	0.034	0.15896

Device Test: 6.107 VOL_10mA_EN2/EN2/1.6/14/0/0/10/@VOL_EN_10MA





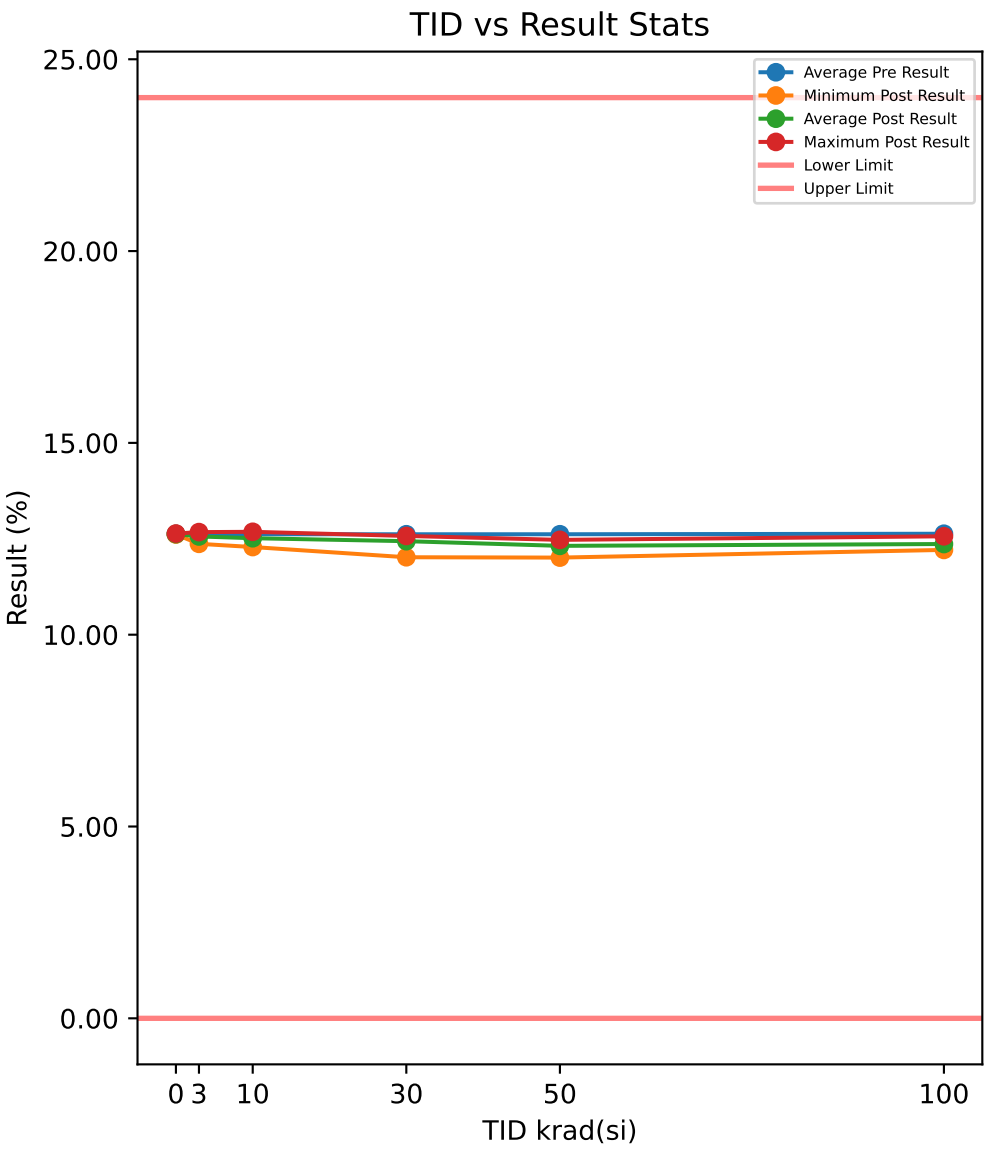
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

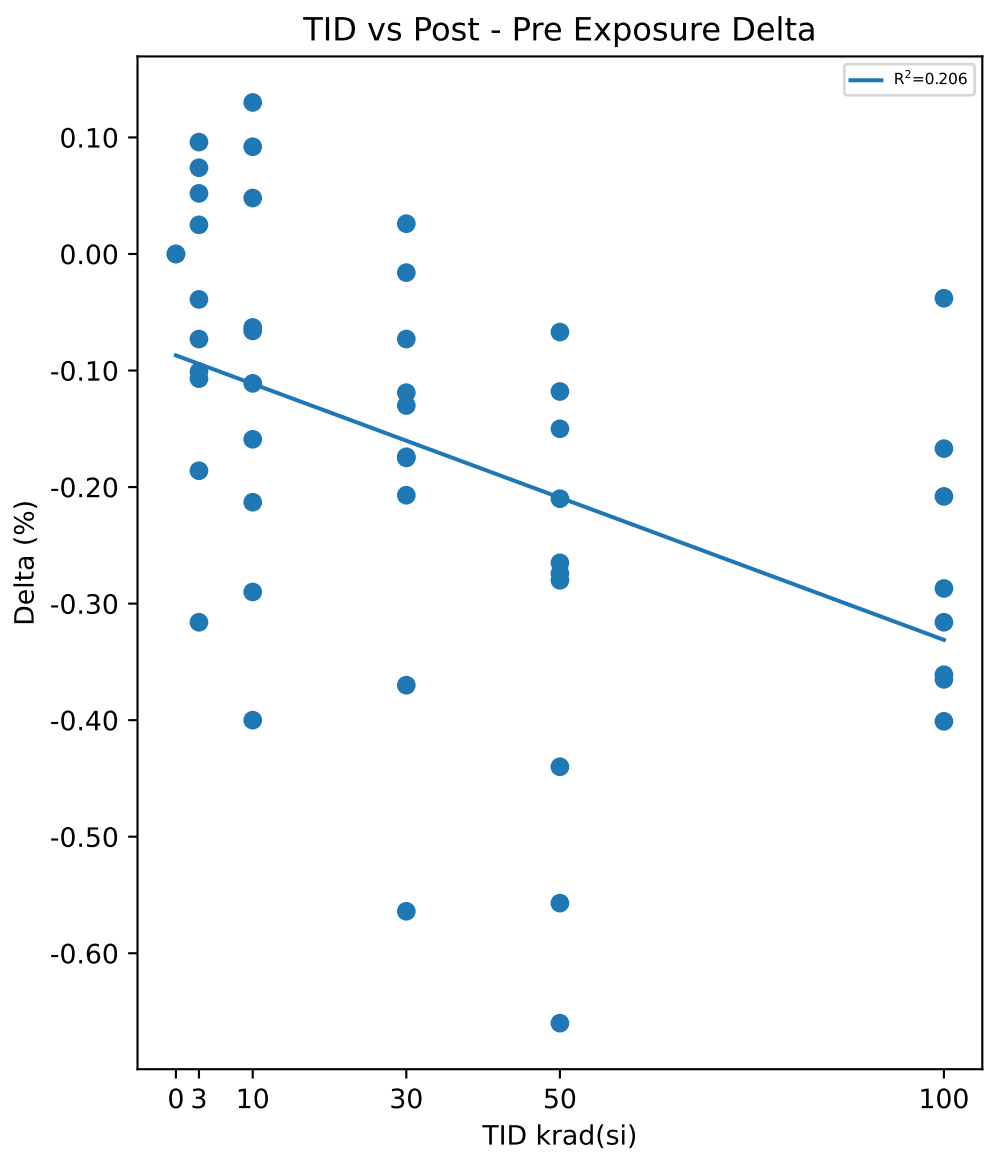
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.763	12.763	0
7	0	Correlation	12.822	12.822	0
16	3	LDR-Biased	12.851	12.55	-0.301
18	3	LDR-Biased	12.725	12.577	-0.148
19	3	LDR-Biased	12.809	12.771	-0.038
20	3	LDR-Biased	12.757	12.622	-0.135
21	3	LDR-Biased	12.83	12.822	-0.008
22	3	LDR-Unbiased	12.748	12.839	0.091
23	3	LDR-Unbiased	12.764	12.819	0.055
25	3	LDR-Unbiased	12.781	12.73	-0.051
26	3	LDR-Unbiased	12.893	12.79	-0.103
27	3	LDR-Unbiased	12.727	12.807	0.08
46	10	LDR-Biased	12.851	12.472	-0.379
48	10	LDR-Biased	12.725	12.476	-0.249
49	10	LDR-Biased	12.809	12.657	-0.152
50	10	LDR-Biased	12.757	12.521	-0.236
51	10	LDR-Biased	12.83	12.734	-0.096
52	10	LDR-Unbiased	12.748	12.875	0.127
53	10	LDR-Unbiased	12.764	12.838	0.074
55	10	LDR-Unbiased	12.781	12.744	-0.037
56	10	LDR-Unbiased	12.893	12.782	-0.111
57	10	LDR-Unbiased	12.727	12.805	0.078
76	30	LDR-Biased	12.851	12.498	-0.353
78	30	LDR-Biased	12.725	12.199	-0.526
79	30	LDR-Biased	12.809	12.681	-0.128
80	30	LDR-Biased	12.757	12.554	-0.203
81	30	LDR-Biased	12.83	12.677	-0.153
82	30	LDR-Unbiased	12.748	12.768	0.02
83	30	LDR-Unbiased	12.764	12.728	-0.036
84	30	LDR-Unbiased	12.727	12.683	-0.044
85	30	LDR-Unbiased	12.781	12.631	-0.15
86	30	LDR-Unbiased	12.893	12.685	-0.208
87	100	LDR-Biased	12.842	12.478	-0.364
88	100	LDR-Biased	12.924	12.702	-0.222
90	100	LDR-Biased	12.745	12.719	-0.026
91	100	LDR-Unbiased	12.709	12.409	-0.3
93	100	LDR-Unbiased	12.832	12.512	-0.32
94	100	LDR-Unbiased	12.86	12.513	-0.347
95	100	LDR-Unbiased	12.719	12.514	-0.205
96	100	LDR-Unbiased	12.735	12.455	-0.28
106	50	LDR-Biased	12.851	12.202	-0.649
108	50	LDR-Biased	12.725	12.32	-0.405
109	50	LDR-Biased	12.809	12.529	-0.28
110	50	LDR-Biased	12.757	12.176	-0.581
111	50	LDR-Biased	12.83	12.587	-0.243
112	50	LDR-Unbiased	12.748	12.675	-0.073
113	50	LDR-Unbiased	12.764	12.628	-0.136
115	50	LDR-Unbiased	12.781	12.538	-0.243
116	50	LDR-Unbiased	12.893	12.618	-0.275
117	50	LDR-Unbiased	12.727	12.606	-0.121

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.763	12.793	12.822	0.041719	12.763	12.793	12.822	0.041719	0	0	0	0
3	12.725	12.789	12.893	0.05585	12.55	12.733	12.839	0.10897	-0.301	-0.0558	0.091	0.12111
10	12.725	12.789	12.893	0.05585	12.472	12.69	12.875	0.15116	-0.379	-0.0981	0.127	0.16289
30	12.725	12.789	12.893	0.05585	12.199	12.61	12.768	0.16479	-0.526	-0.1781	0.02	0.16141
50	12.725	12.789	12.893	0.05585	12.176	12.488	12.675	0.18461	-0.649	-0.3006	-0.073	0.19142
100	12.709	12.796	12.924	0.079022	12.409	12.538	12.719	0.11254	-0.364	-0.258	-0.026	0.10901

Device Test: 6.108 VOL_10mA_EN3/EN3/1.6/14/0/0/10/@VOL_EN_10MA





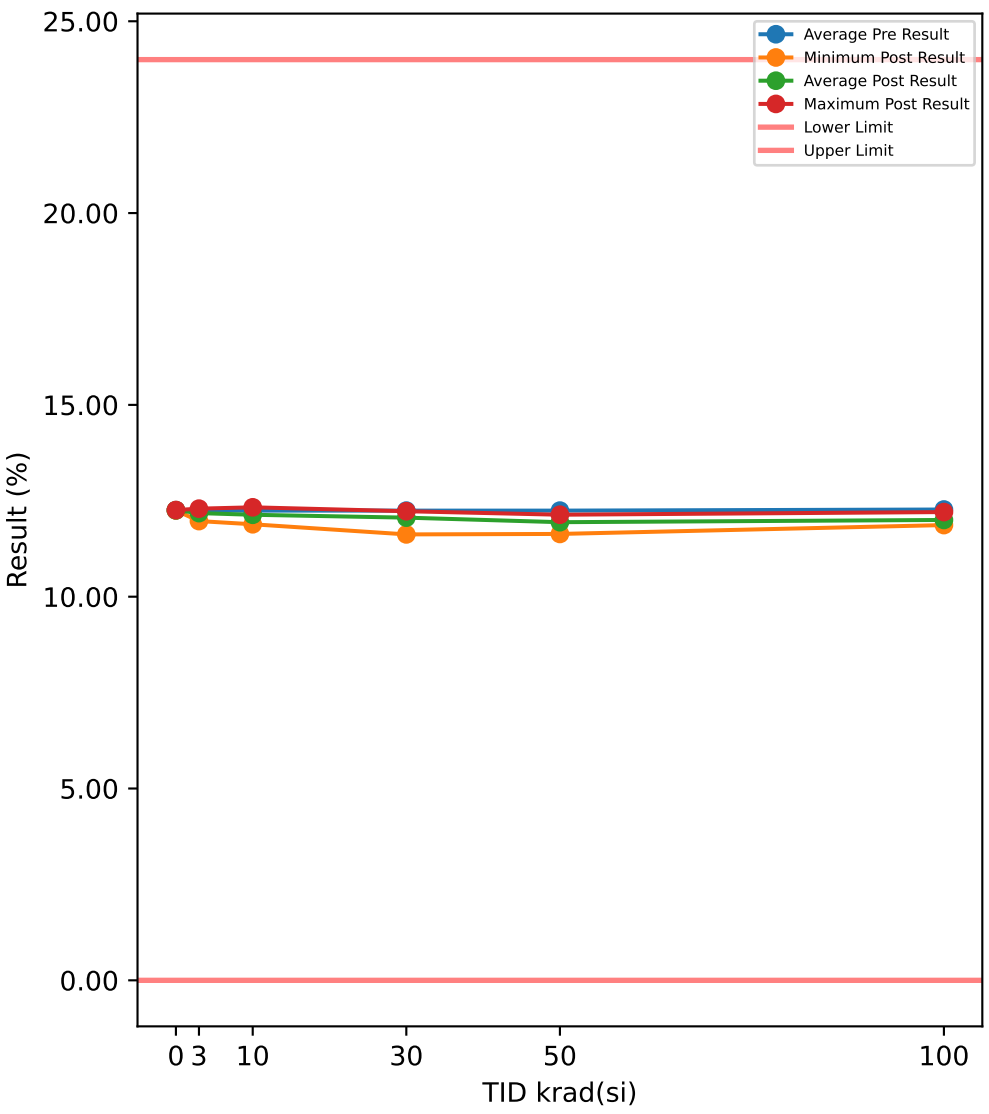
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

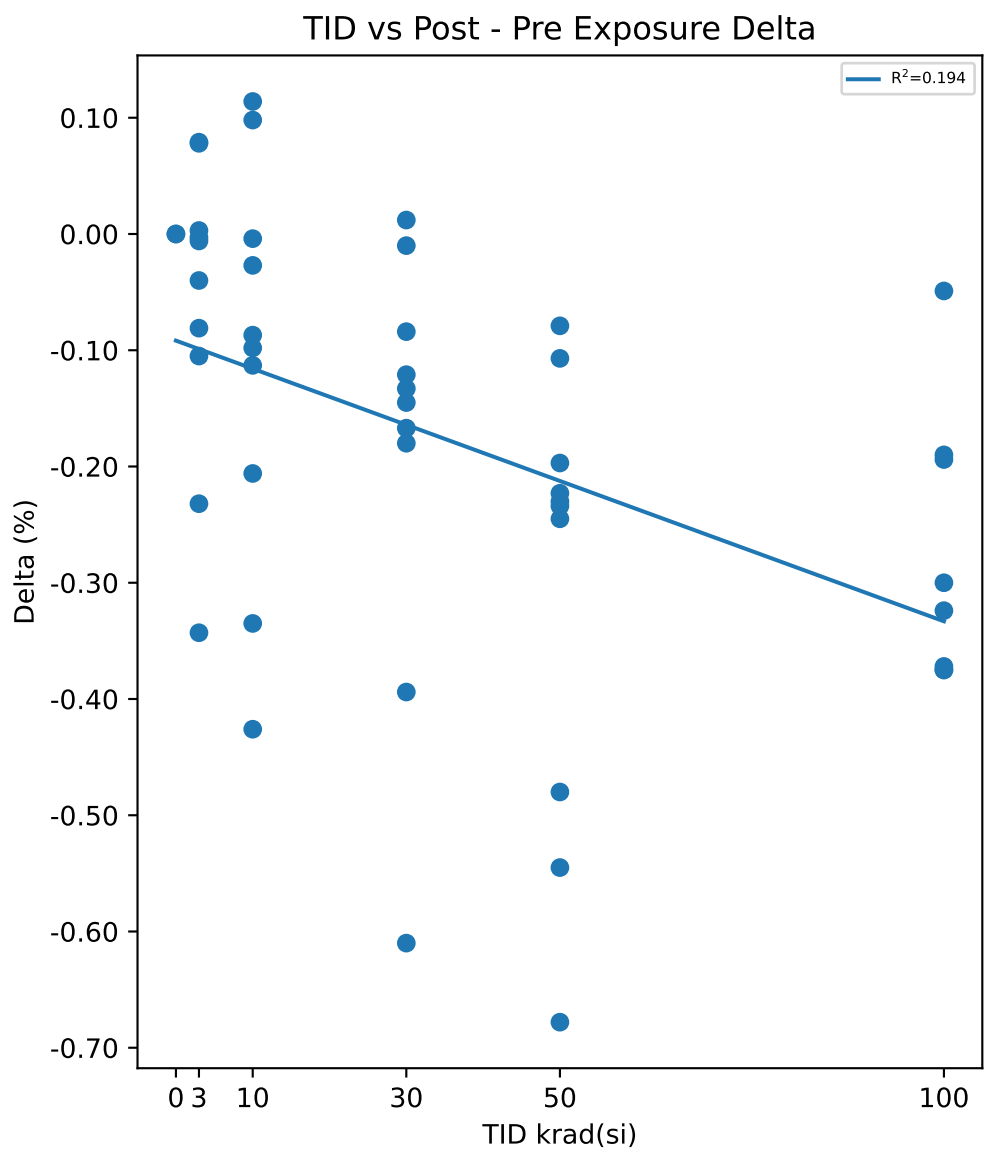
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.612	12.612	0
7	0	Correlation	12.637	12.637	0
16	3	LDR-Biased	12.685	12.369	-0.316
18	3	LDR-Biased	12.583	12.397	-0.186
19	3	LDR-Biased	12.664	12.625	-0.039
20	3	LDR-Biased	12.567	12.46	-0.107
21	3	LDR-Biased	12.649	12.674	0.025
22	3	LDR-Unbiased	12.535	12.631	0.096
23	3	LDR-Unbiased	12.59	12.664	0.074
25	3	LDR-Unbiased	12.603	12.53	-0.073
26	3	LDR-Unbiased	12.72	12.619	-0.101
27	3	LDR-Unbiased	12.585	12.637	0.052
46	10	LDR-Biased	12.685	12.285	-0.4
48	10	LDR-Biased	12.583	12.293	-0.29
49	10	LDR-Biased	12.664	12.505	-0.159
50	10	LDR-Biased	12.567	12.354	-0.213
51	10	LDR-Biased	12.649	12.583	-0.066
52	10	LDR-Unbiased	12.535	12.665	0.13
53	10	LDR-Unbiased	12.59	12.682	0.092
55	10	LDR-Unbiased	12.603	12.54	-0.063
56	10	LDR-Unbiased	12.72	12.609	-0.111
57	10	LDR-Unbiased	12.585	12.633	0.048
76	30	LDR-Biased	12.685	12.315	-0.37
78	30	LDR-Biased	12.583	12.019	-0.564
79	30	LDR-Biased	12.664	12.534	-0.13
80	30	LDR-Biased	12.567	12.392	-0.175
81	30	LDR-Biased	12.649	12.53	-0.119
82	30	LDR-Unbiased	12.535	12.561	0.026
83	30	LDR-Unbiased	12.59	12.574	-0.016
84	30	LDR-Unbiased	12.585	12.512	-0.073
85	30	LDR-Unbiased	12.603	12.429	-0.174
86	30	LDR-Unbiased	12.72	12.513	-0.207
87	100	LDR-Biased	12.722	12.321	-0.401
88	100	LDR-Biased	12.756	12.548	-0.208
90	100	LDR-Biased	12.603	12.565	-0.038
91	100	LDR-Unbiased	12.497	12.21	-0.287
93	100	LDR-Unbiased	12.651	12.335	-0.316
94	100	LDR-Unbiased	12.693	12.332	-0.361
95	100	LDR-Unbiased	12.539	12.372	-0.167
96	100	LDR-Unbiased	12.592	12.227	-0.365
106	50	LDR-Biased	12.685	12.025	-0.66
108	50	LDR-Biased	12.583	12.143	-0.44
109	50	LDR-Biased	12.664	12.384	-0.28
110	50	LDR-Biased	12.567	12.01	-0.557
111	50	LDR-Biased	12.649	12.439	-0.21
112	50	LDR-Unbiased	12.535	12.468	-0.067
113	50	LDR-Unbiased	12.59	12.472	-0.118
115	50	LDR-Unbiased	12.603	12.338	-0.265
116	50	LDR-Unbiased	12.72	12.446	-0.274
117	50	LDR-Unbiased	12.585	12.435	-0.15

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.612	12.625	12.637	0.017678	12.612	12.625	12.637	0.017678	0	0	0	0
3	12.535	12.618	12.72	0.058484	12.369	12.561	12.674	0.11374	-0.316	-0.0575	0.096	0.1282
10	12.535	12.618	12.72	0.058484	12.285	12.515	12.682	0.15151	-0.4	-0.1032	0.13	0.16884
30	12.535	12.618	12.72	0.058484	12.019	12.438	12.574	0.16842	-0.564	-0.1802	0.026	0.17364
50	12.535	12.618	12.72	0.058484	12.01	12.316	12.472	0.18469	-0.66	-0.3021	-0.067	0.19308
100	12.497	12.632	12.756	0.090136	12.21	12.364	12.565	0.13121	-0.401	-0.26787	-0.038	0.12254

Device Test: 6.109 VOL_10mA_EN4/EN4/1.6/14/0/0/10/@VOL_EN_10MA





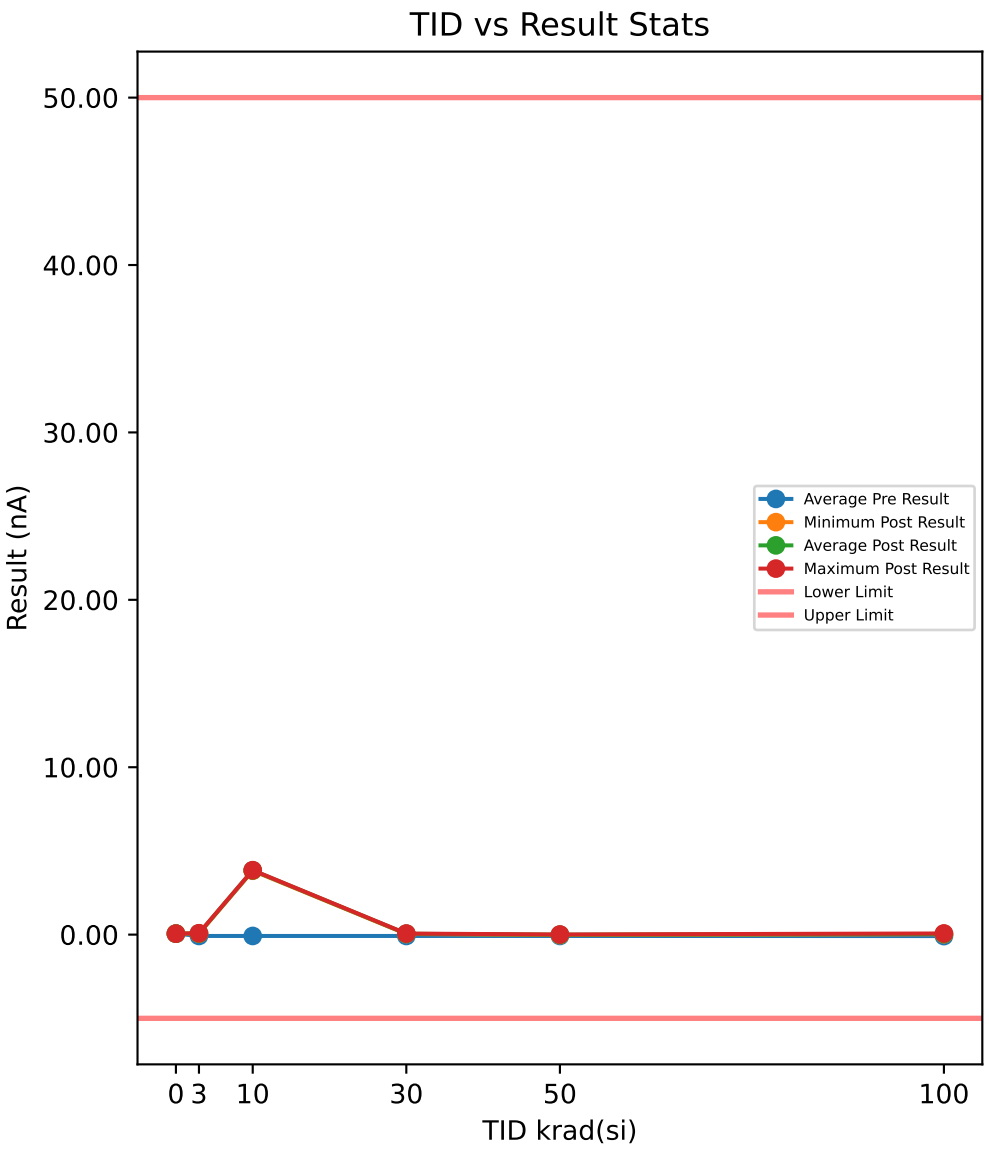
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	12.249	12.249	0
7	0	Correlation	12.259	12.259	0
16	3	LDR-Biased	12.314	11.971	-0.343
18	3	LDR-Biased	12.234	12.002	-0.232
19	3	LDR-Biased	12.251	12.254	0.003
20	3	LDR-Biased	12.182	12.077	-0.105
21	3	LDR-Biased	12.285	12.279	-0.006
22	3	LDR-Unbiased	12.216	12.295	0.079
23	3	LDR-Unbiased	12.189	12.267	0.078
25	3	LDR-Unbiased	12.203	12.163	-0.04
26	3	LDR-Unbiased	12.329	12.248	-0.081
27	3	LDR-Unbiased	12.236	12.233	-0.003
46	10	LDR-Biased	12.314	11.888	-0.426
48	10	LDR-Biased	12.234	11.899	-0.335
49	10	LDR-Biased	12.251	12.138	-0.113
50	10	LDR-Biased	12.182	11.976	-0.206
51	10	LDR-Biased	12.285	12.187	-0.098
52	10	LDR-Unbiased	12.216	12.33	0.114
53	10	LDR-Unbiased	12.189	12.287	0.098
55	10	LDR-Unbiased	12.203	12.176	-0.027
56	10	LDR-Unbiased	12.329	12.242	-0.087
57	10	LDR-Unbiased	12.236	12.232	-0.004
76	30	LDR-Biased	12.314	11.92	-0.394
78	30	LDR-Biased	12.234	11.624	-0.61
79	30	LDR-Biased	12.251	12.167	-0.084
80	30	LDR-Biased	12.182	12.015	-0.167
81	30	LDR-Biased	12.285	12.14	-0.145
82	30	LDR-Unbiased	12.216	12.228	0.012
83	30	LDR-Unbiased	12.189	12.179	-0.01
84	30	LDR-Unbiased	12.236	12.115	-0.121
85	30	LDR-Unbiased	12.203	12.07	-0.133
86	30	LDR-Unbiased	12.329	12.149	-0.18
87	100	LDR-Biased	12.341	11.966	-0.375
88	100	LDR-Biased	12.381	12.191	-0.19
90	100	LDR-Biased	12.255	12.206	-0.049
91	100	LDR-Unbiased	12.179	11.879	-0.3
93	100	LDR-Unbiased	12.287	11.963	-0.324
94	100	LDR-Unbiased	12.321	11.949	-0.372
95	100	LDR-Unbiased	12.176	11.982	-0.194
96	100	LDR-Unbiased	12.242	11.867	-0.375
106	50	LDR-Biased	12.314	11.636	-0.678
108	50	LDR-Biased	12.234	11.754	-0.48
109	50	LDR-Biased	12.251	12.021	-0.23
110	50	LDR-Biased	12.182	11.637	-0.545
111	50	LDR-Biased	12.285	12.051	-0.234
112	50	LDR-Unbiased	12.216	12.137	-0.079
113	50	LDR-Unbiased	12.189	12.082	-0.107
115	50	LDR-Unbiased	12.203	11.98	-0.223
116	50	LDR-Unbiased	12.329	12.084	-0.245
117	50	LDR-Unbiased	12.236	12.039	-0.197

Test Statistics (%)

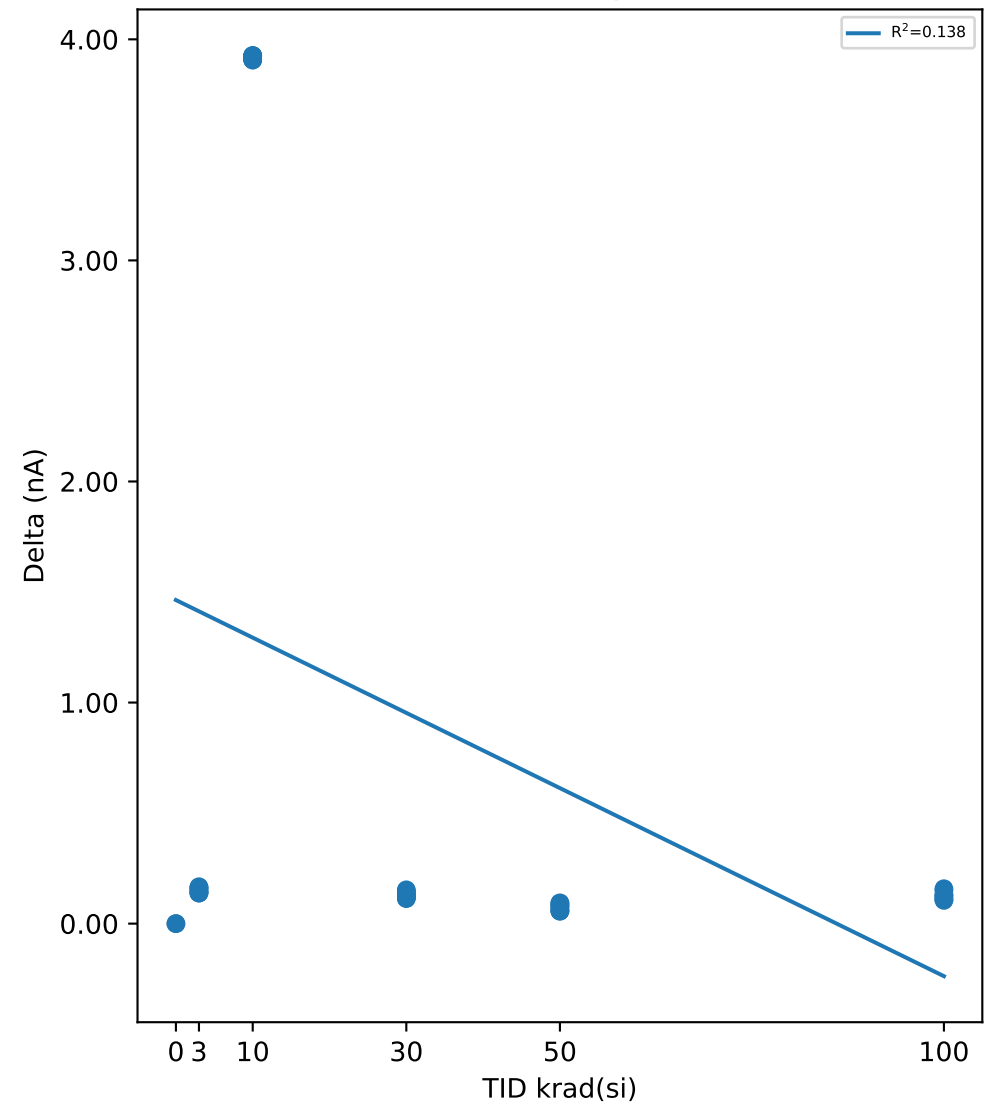
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.249	12.254	12.259	0.0070711	12.249	12.254	12.259	0.0070711	0	0	0	0
3	12.182	12.244	12.329	0.050939	11.971	12.179	12.295	0.12007	-0.343	-0.065	0.079	0.13366
10	12.182	12.244	12.329	0.050939	11.888	12.136	12.33	0.15929	-0.426	-0.1084	0.114	0.17382
30	12.182	12.244	12.329	0.050939	11.624	12.061	12.228	0.17732	-0.61	-0.1832	0.012	0.18639
50	12.182	12.244	12.329	0.050939	11.636	11.942	12.137	0.19113	-0.678	-0.3018	-0.079	0.19725
100	12.176	12.273	12.381	0.073986	11.867	12	12.206	0.12912	-0.375	-0.27238	-0.049	0.11786

Device Test: 6.11 ILKG_SENSE3/SENSE3//3/0/0/0/@ILKG_SENSE



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

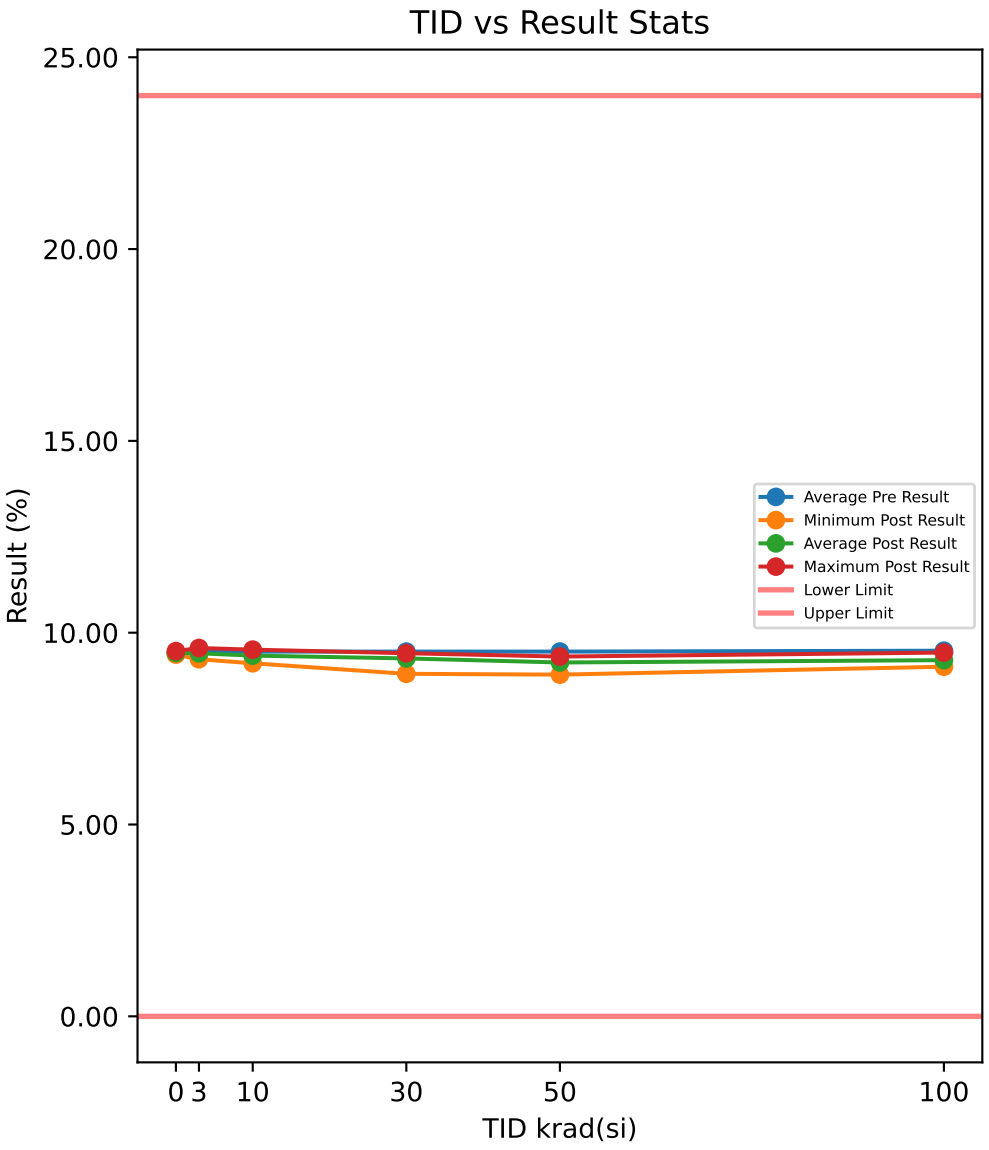
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.058	0.058	0
7	0	Correlation	0.059	0.059	0
16	3	LDR-Biased	-0.089	0.071	0.16
18	3	LDR-Biased	-0.079	0.065	0.144
19	3	LDR-Biased	-0.08	0.059	0.139
20	3	LDR-Biased	-0.087	0.075	0.162
21	3	LDR-Biased	-0.081	0.057	0.138
22	3	LDR-Unbiased	-0.096	0.071	0.167
23	3	LDR-Unbiased	-0.081	0.072	0.153
25	3	LDR-Unbiased	-0.059	0.08	0.139
26	3	LDR-Unbiased	-0.062	0.083	0.145
27	3	LDR-Unbiased	-0.084	0.079	0.163
46	10	LDR-Biased	-0.089	3.837	3.926
48	10	LDR-Biased	-0.079	3.844	3.923
49	10	LDR-Biased	-0.08	3.847	3.927
50	10	LDR-Biased	-0.087	3.835	3.922
51	10	LDR-Biased	-0.081	3.845	3.926
52	10	LDR-Unbiased	-0.096	3.815	3.911
53	10	LDR-Unbiased	-0.081	3.843	3.924
55	10	LDR-Unbiased	-0.059	3.85	3.909
56	10	LDR-Unbiased	-0.062	3.844	3.906
57	10	LDR-Unbiased	-0.084	3.823	3.907
76	30	LDR-Biased	-0.089	0.064	0.153
78	30	LDR-Biased	-0.079	0.061	0.14
79	30	LDR-Biased	-0.08	0.043	0.123
80	30	LDR-Biased	-0.087	0.042	0.129
81	30	LDR-Biased	-0.081	0.043	0.124
82	30	LDR-Unbiased	-0.096	0.052	0.148
83	30	LDR-Unbiased	-0.081	0.038	0.119
84	30	LDR-Unbiased	-0.084	0.057	0.141
85	30	LDR-Unbiased	-0.059	0.057	0.116
86	30	LDR-Unbiased	-0.062	0.051	0.113
87	100	LDR-Biased	-0.09	0.036	0.126
88	100	LDR-Biased	-0.105	0.053	0.158
90	100	LDR-Biased	-0.074	0.037	0.111
91	100	LDR-Unbiased	-0.082	0.028	0.11
93	100	LDR-Unbiased	-0.08	0.07	0.15
94	100	LDR-Unbiased	-0.093	0.038	0.131
95	100	LDR-Unbiased	-0.082	0.023	0.105
96	100	LDR-Unbiased	-0.094	0.031	0.125
106	50	LDR-Biased	-0.089	0.001	0.09
108	50	LDR-Biased	-0.079	-0.001	0.078
109	50	LDR-Biased	-0.08	-0.024	0.056
110	50	LDR-Biased	-0.087	-0.008	0.079
111	50	LDR-Biased	-0.081	-0.006	0.075
112	50	LDR-Unbiased	-0.096	-0.002	0.094
113	50	LDR-Unbiased	-0.081	-0.024	0.057
115	50	LDR-Unbiased	-0.059	-0	0.059
116	50	LDR-Unbiased	-0.062	-0.002	0.06
117	50	LDR-Unbiased	-0.084	0.008	0.092



Test Statistics (nA)

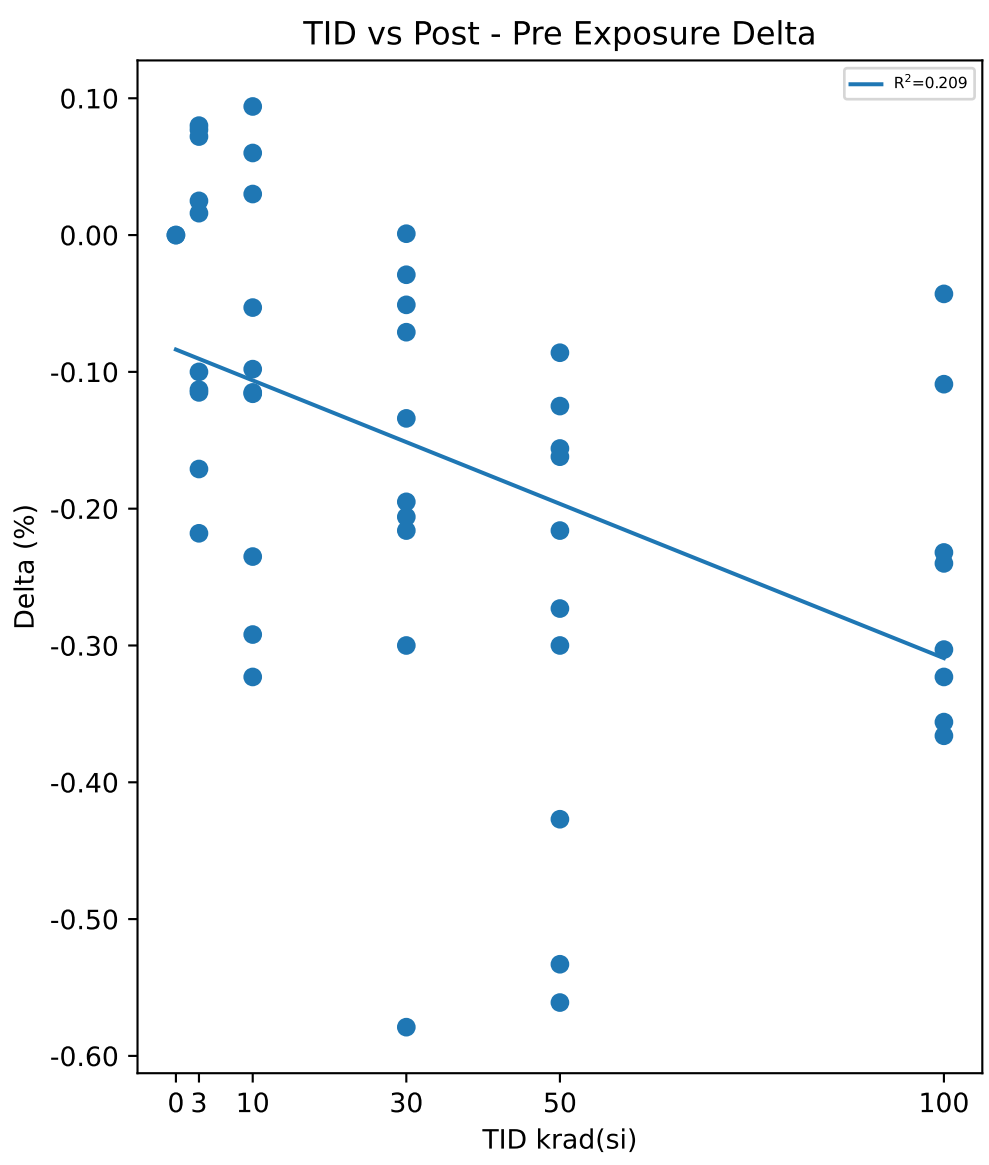
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.058	0.0585	0.059	0.00070711	0.058	0.0585	0.059	0.00070711	0	0	0	0
3	-0.096	-0.0798	-0.059	0.0114	0.057	0.0712	0.083	0.0087025	0.138	0.151	0.167	0.011294
10	-0.096	-0.0798	-0.059	0.0114	3.815	3.8383	3.85	0.011225	3.906	3.9181	3.927	0.008698
30	-0.096	-0.0798	-0.059	0.0114	0.038	0.0508	0.064	0.0089418	0.113	0.1306	0.153	0.013994
50	-0.096	-0.0798	-0.059	0.0114	-0.024	-0.0058	0.008	0.010486	0.056	0.074	0.094	0.015114
100	-0.105	-0.0875	-0.074	0.0098851	0.023	0.0395	0.07	0.015166	0.105	0.127	0.158	0.019049

Device Test: 6.110 VOL_10mA_SEQ/SEQ_DONE/1.6/14/0/0/10/@VOL_SEQ_DONE_10MA



Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

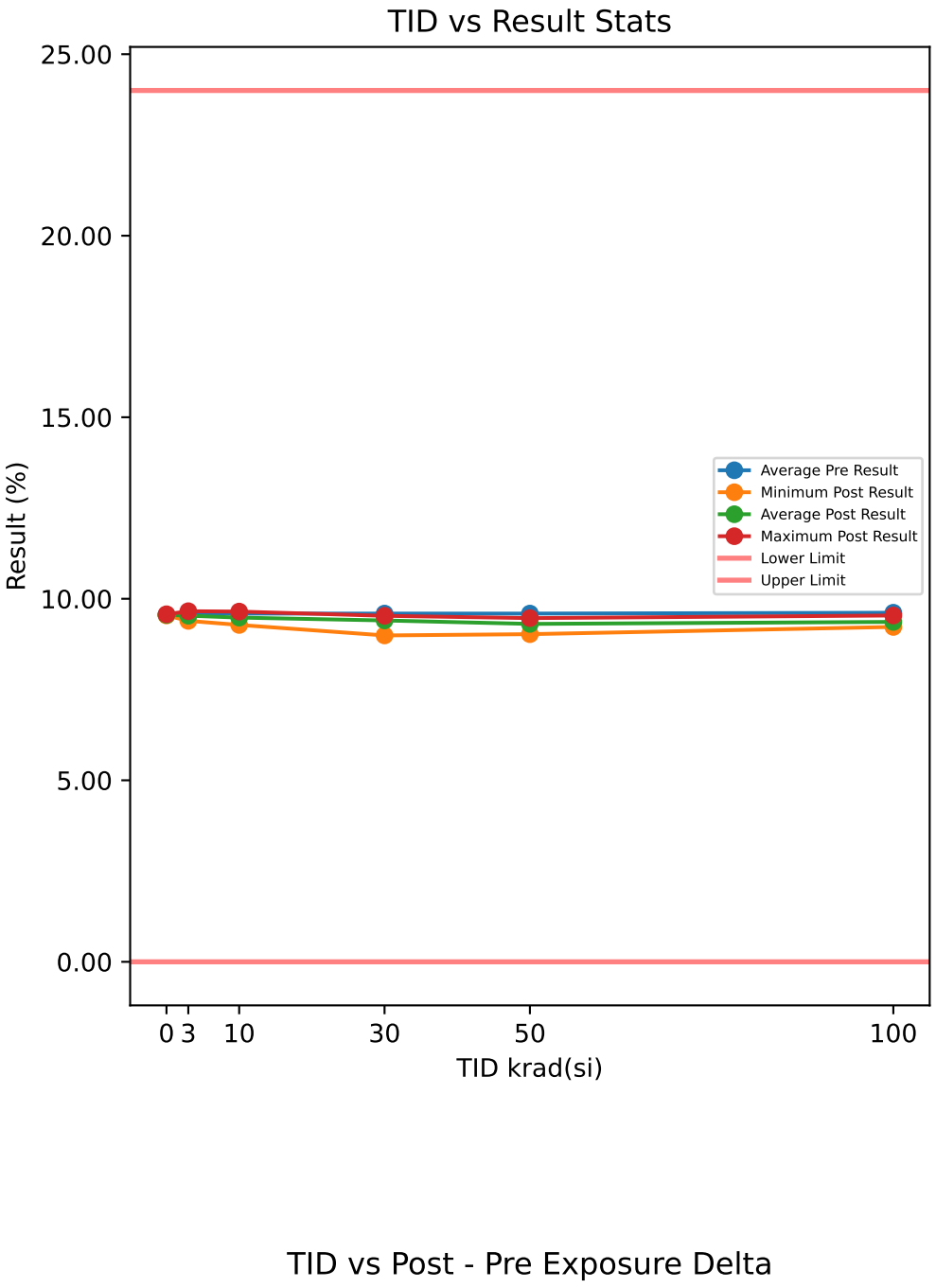
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	9.52	9.52	0
7	0	Correlation	9.43	9.43	0
16	3	LDR-Biased	9.526	9.308	-0.218
18	3	LDR-Biased	9.507	9.336	-0.171
19	3	LDR-Biased	9.467	9.547	0.08
20	3	LDR-Biased	9.468	9.353	-0.115
21	3	LDR-Biased	9.585	9.601	0.016
22	3	LDR-Unbiased	9.464	9.541	0.077
23	3	LDR-Unbiased	9.484	9.509	0.025
25	3	LDR-Unbiased	9.487	9.374	-0.113
26	3	LDR-Unbiased	9.606	9.506	-0.1
27	3	LDR-Unbiased	9.48	9.552	0.072
46	10	LDR-Biased	9.526	9.203	-0.323
48	10	LDR-Biased	9.507	9.215	-0.292
49	10	LDR-Biased	9.467	9.414	-0.053
50	10	LDR-Biased	9.468	9.233	-0.235
51	10	LDR-Biased	9.585	9.487	-0.098
52	10	LDR-Unbiased	9.464	9.558	0.094
53	10	LDR-Unbiased	9.484	9.514	0.03
55	10	LDR-Unbiased	9.487	9.372	-0.115
56	10	LDR-Unbiased	9.606	9.49	-0.116
57	10	LDR-Unbiased	9.48	9.54	0.06
76	30	LDR-Biased	9.526	9.226	-0.3
78	30	LDR-Biased	9.507	8.928	-0.579
79	30	LDR-Biased	9.467	9.438	-0.029
80	30	LDR-Biased	9.468	9.273	-0.195
81	30	LDR-Biased	9.585	9.451	-0.134
82	30	LDR-Unbiased	9.464	9.465	0.001
83	30	LDR-Unbiased	9.484	9.413	-0.071
84	30	LDR-Unbiased	9.48	9.429	-0.051
85	30	LDR-Unbiased	9.487	9.271	-0.216
86	30	LDR-Unbiased	9.606	9.4	-0.206
87	100	LDR-Biased	9.624	9.258	-0.366
88	100	LDR-Biased	9.579	9.47	-0.109
90	100	LDR-Biased	9.525	9.482	-0.043
91	100	LDR-Unbiased	9.436	9.113	-0.323
93	100	LDR-Unbiased	9.586	9.23	-0.356
94	100	LDR-Unbiased	9.532	9.3	-0.232
95	100	LDR-Unbiased	9.477	9.237	-0.24
96	100	LDR-Unbiased	9.486	9.183	-0.303
106	50	LDR-Biased	9.526	8.993	-0.533
108	50	LDR-Biased	9.507	9.08	-0.427
109	50	LDR-Biased	9.467	9.311	-0.156
110	50	LDR-Biased	9.468	8.907	-0.561
111	50	LDR-Biased	9.585	9.369	-0.216
112	50	LDR-Unbiased	9.464	9.378	-0.086
113	50	LDR-Unbiased	9.484	9.322	-0.162
115	50	LDR-Unbiased	9.487	9.187	-0.3
116	50	LDR-Unbiased	9.606	9.333	-0.273
117	50	LDR-Unbiased	9.48	9.355	-0.125

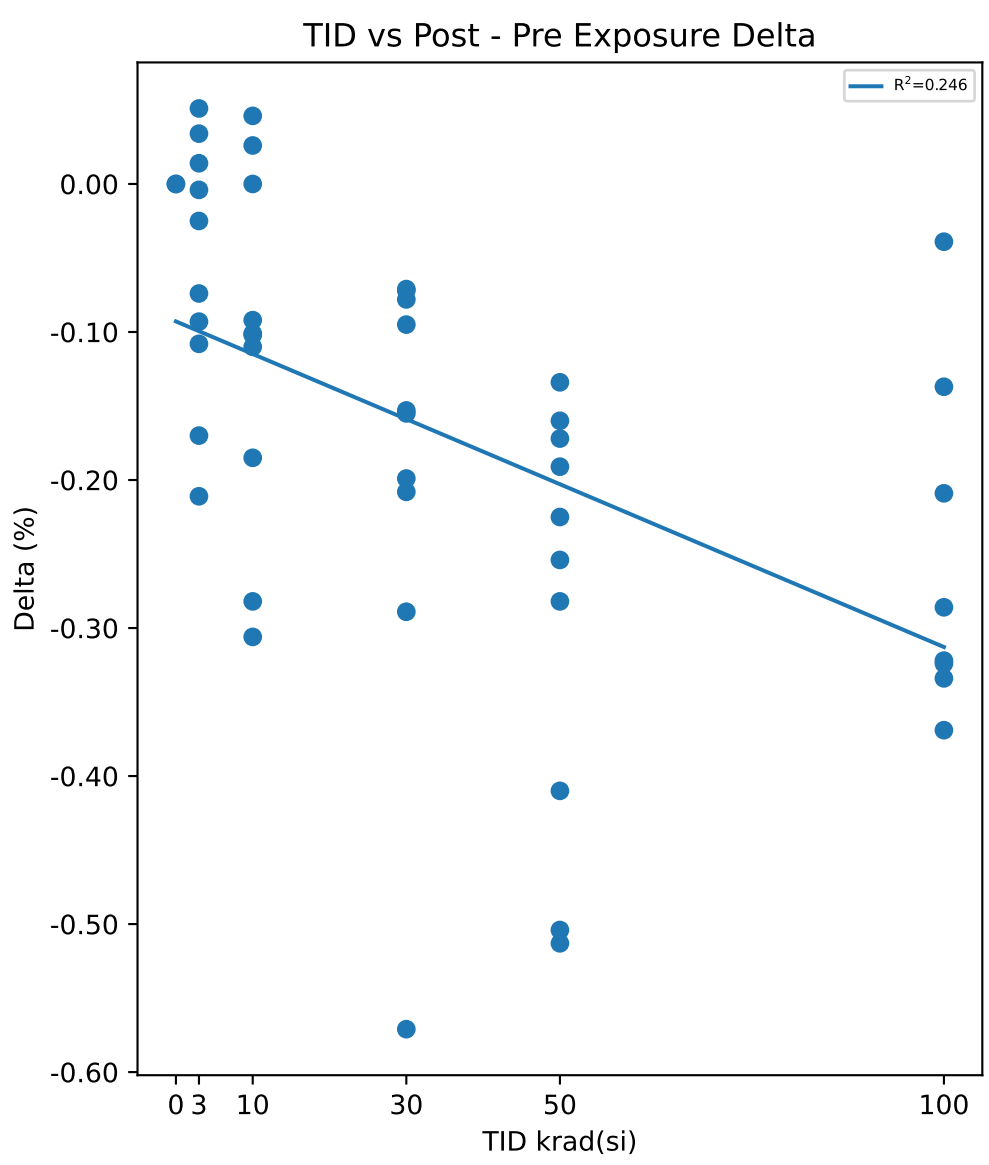


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.43	9.475	9.52	0.06364	9.43	9.475	9.52	0.06364	0	0	0	0
3	9.464	9.5074	9.606	0.050412	9.308	9.4627	9.601	0.10762	-0.218	-0.0447	0.08	0.11114
10	9.464	9.5074	9.606	0.050412	9.203	9.4026	9.558	0.13947	-0.323	-0.1048	0.094	0.14431
30	9.464	9.5074	9.606	0.050412	8.928	9.3294	9.465	0.16508	-0.579	-0.178	0.001	0.17061
50	9.464	9.5074	9.606	0.050412	8.907	9.2235	9.378	0.17221	-0.561	-0.2839	-0.086	0.16995
100	9.436	9.5306	9.624	0.063223	9.113	9.2841	9.482	0.13055	-0.366	-0.2465	-0.043	0.11704

Device Test: 6.111 VOL_10mA_PWRGD/PWRGD/1.6/14/0/0/10/@VOL_PWRGD_10MA





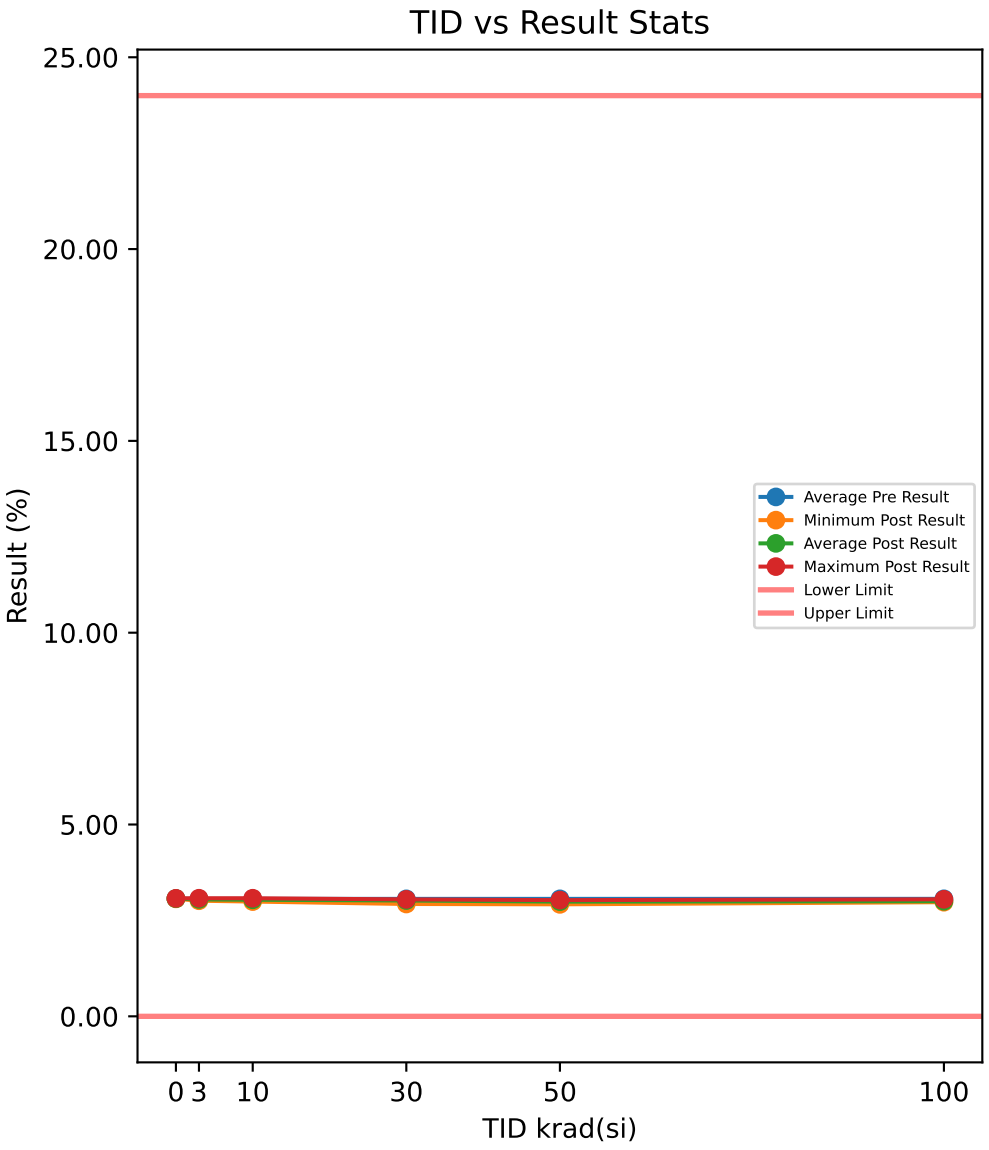
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	9.573	9.573	0
7	0	Correlation	9.541	9.541	0
16	3	LDR-Biased	9.609	9.398	-0.211
18	3	LDR-Biased	9.561	9.391	-0.17
19	3	LDR-Biased	9.595	9.629	0.034
20	3	LDR-Biased	9.529	9.455	-0.074
21	3	LDR-Biased	9.661	9.657	-0.004
22	3	LDR-Unbiased	9.576	9.551	-0.025
23	3	LDR-Unbiased	9.555	9.569	0.014
25	3	LDR-Unbiased	9.572	9.464	-0.108
26	3	LDR-Unbiased	9.658	9.565	-0.093
27	3	LDR-Unbiased	9.601	9.652	0.051
46	10	LDR-Biased	9.609	9.303	-0.306
48	10	LDR-Biased	9.561	9.279	-0.282
49	10	LDR-Biased	9.595	9.503	-0.092
50	10	LDR-Biased	9.529	9.344	-0.185
51	10	LDR-Biased	9.661	9.551	-0.11
52	10	LDR-Unbiased	9.576	9.576	0
53	10	LDR-Unbiased	9.555	9.581	0.026
55	10	LDR-Unbiased	9.572	9.471	-0.101
56	10	LDR-Unbiased	9.658	9.556	-0.102
57	10	LDR-Unbiased	9.601	9.647	0.046
76	30	LDR-Biased	9.609	9.32	-0.289
78	30	LDR-Biased	9.561	8.99	-0.571
79	30	LDR-Biased	9.595	9.523	-0.072
80	30	LDR-Biased	9.529	9.374	-0.155
81	30	LDR-Biased	9.661	9.508	-0.153
82	30	LDR-Unbiased	9.576	9.481	-0.095
83	30	LDR-Unbiased	9.555	9.477	-0.078
84	30	LDR-Unbiased	9.601	9.53	-0.071
85	30	LDR-Unbiased	9.572	9.364	-0.208
86	30	LDR-Unbiased	9.658	9.459	-0.199
87	100	LDR-Biased	9.655	9.321	-0.334
88	100	LDR-Biased	9.664	9.527	-0.137
90	100	LDR-Biased	9.578	9.539	-0.039
91	100	LDR-Unbiased	9.548	9.224	-0.324
93	100	LDR-Unbiased	9.662	9.293	-0.369
94	100	LDR-Unbiased	9.616	9.407	-0.209
95	100	LDR-Unbiased	9.59	9.304	-0.286
96	100	LDR-Unbiased	9.608	9.286	-0.322
106	50	LDR-Biased	9.609	9.096	-0.513
108	50	LDR-Biased	9.561	9.151	-0.41
109	50	LDR-Biased	9.595	9.404	-0.191
110	50	LDR-Biased	9.529	9.025	-0.504
111	50	LDR-Biased	9.661	9.436	-0.225
112	50	LDR-Unbiased	9.576	9.404	-0.172
113	50	LDR-Unbiased	9.555	9.395	-0.16
115	50	LDR-Unbiased	9.572	9.29	-0.282
116	50	LDR-Unbiased	9.658	9.404	-0.254
117	50	LDR-Unbiased	9.601	9.467	-0.134

Test Statistics (%)

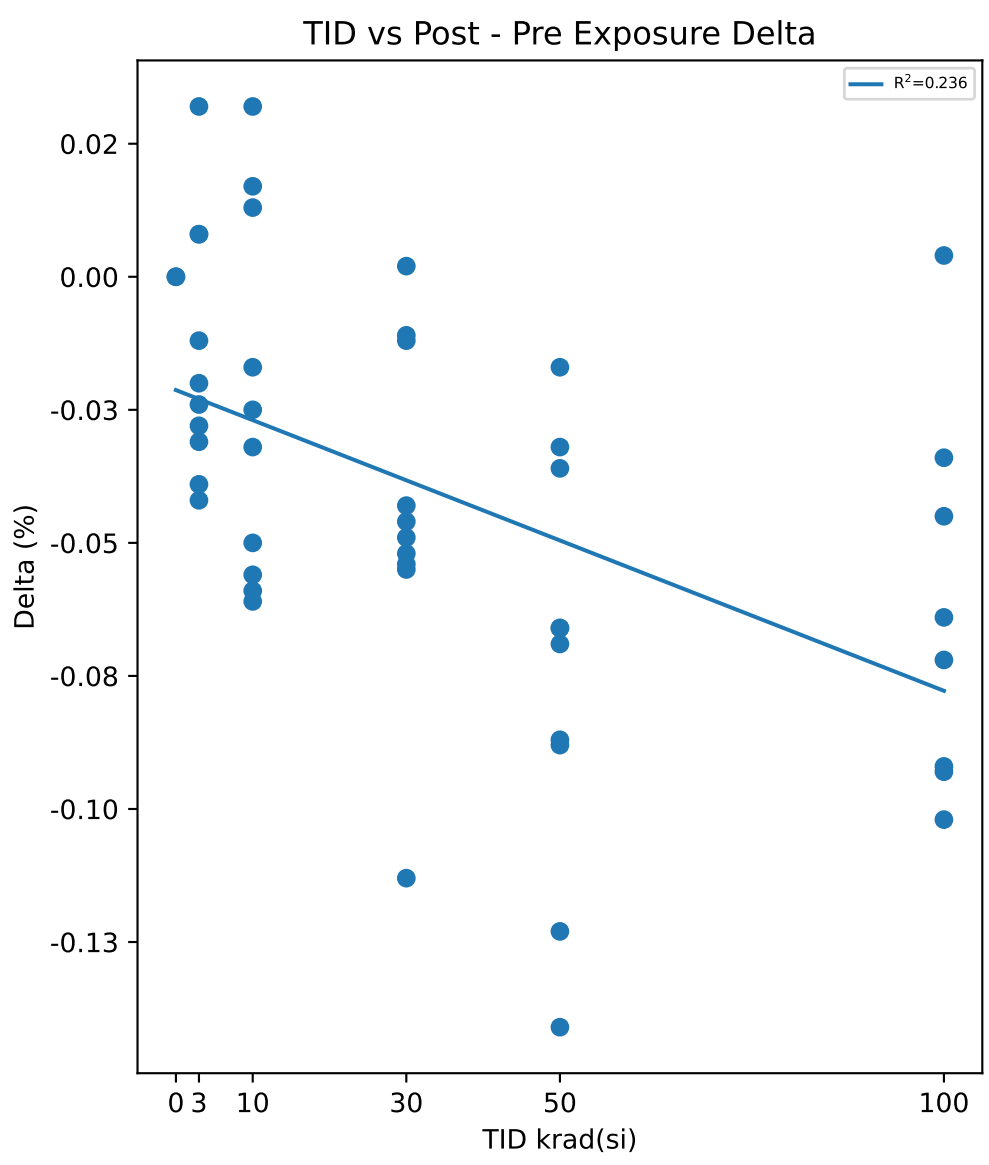
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.541	9.557	9.573	0.022627	9.541	9.557	9.573	0.022627	0	0	0	0
3	9.529	9.5917	9.661	0.042753	9.391	9.5331	9.657	0.10035	-0.211	-0.0586	0.051	0.087854
10	9.529	9.5917	9.661	0.042753	9.279	9.4811	9.647	0.12865	-0.306	-0.1106	0.046	0.11973
30	9.529	9.5917	9.661	0.042753	8.99	9.4026	9.53	0.16196	-0.571	-0.1891	-0.071	0.15188
50	9.529	9.5917	9.661	0.042753	9.025	9.3072	9.467	0.15877	-0.513	-0.2845	-0.134	0.14149
100	9.548	9.6151	9.664	0.042666	9.224	9.3626	9.539	0.11662	-0.369	-0.2525	-0.039	0.1147

Device Test: 6.112 VOL_10mA_EN1/EN1/7/3/0/0/10/@VOL_EN_10MA



Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

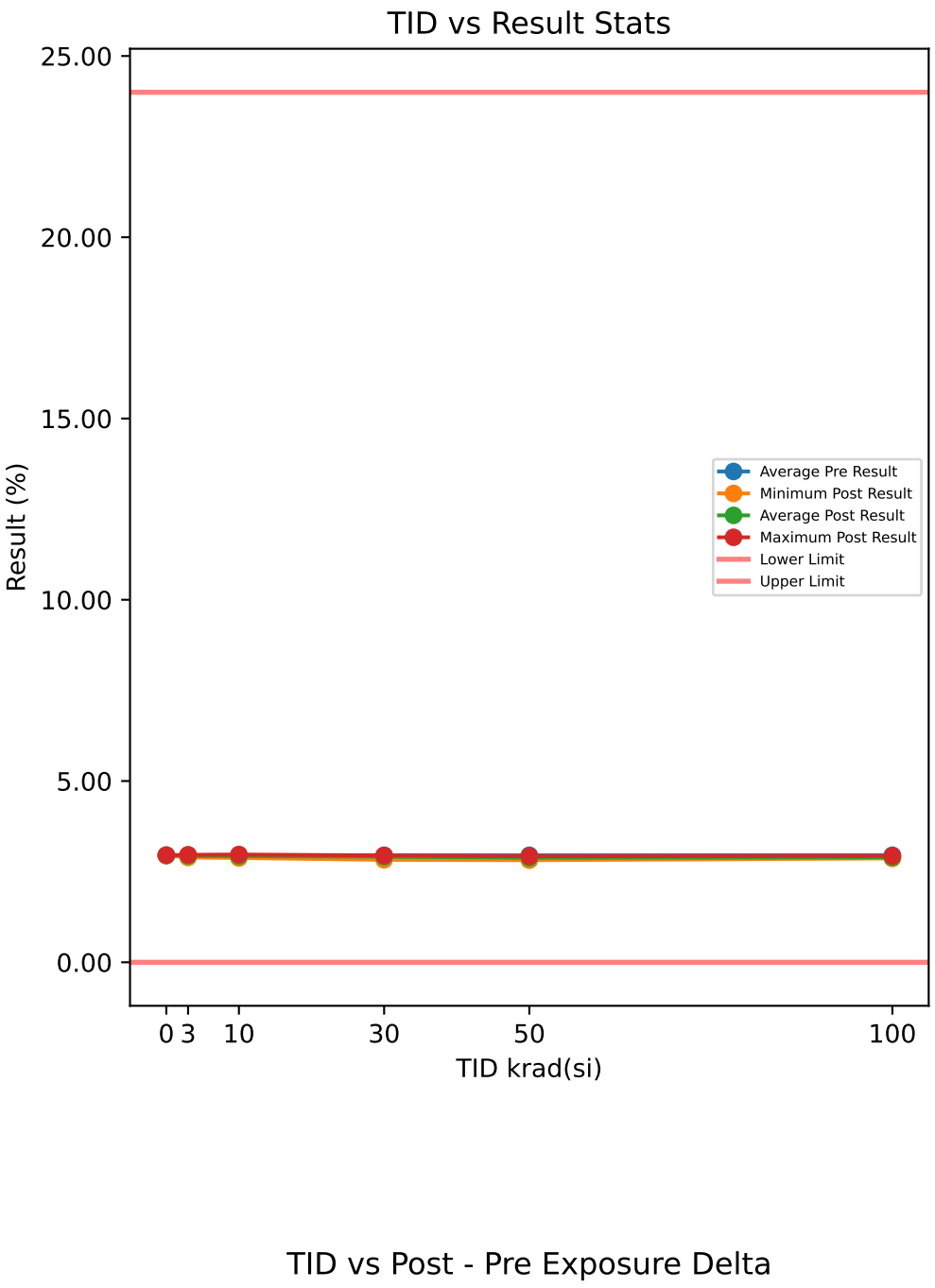
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.062	3.062	0
7	0	Correlation	3.076	3.076	0
16	3	LDR-Biased	3.065	3.023	-0.042
18	3	LDR-Biased	3.041	3.013	-0.028
19	3	LDR-Biased	3.064	3.033	-0.031
20	3	LDR-Biased	3.06	3.021	-0.039
21	3	LDR-Biased	3.082	3.07	-0.012
22	3	LDR-Unbiased	3.056	3.064	0.008
23	3	LDR-Unbiased	3.046	3.054	0.008
25	3	LDR-Unbiased	3.074	3.054	-0.02
26	3	LDR-Unbiased	3.086	3.062	-0.024
27	3	LDR-Unbiased	3.046	3.078	0.032
46	10	LDR-Biased	3.065	3.006	-0.059
48	10	LDR-Biased	3.041	2.991	-0.05
49	10	LDR-Biased	3.064	3.008	-0.056
50	10	LDR-Biased	3.06	2.999	-0.061
51	10	LDR-Biased	3.082	3.05	-0.032
52	10	LDR-Unbiased	3.056	3.073	0.017
53	10	LDR-Unbiased	3.046	3.059	0.013
55	10	LDR-Unbiased	3.074	3.057	-0.017
56	10	LDR-Unbiased	3.086	3.061	-0.025
57	10	LDR-Unbiased	3.046	3.078	0.032
76	30	LDR-Biased	3.065	3.011	-0.054
78	30	LDR-Biased	3.041	2.928	-0.113
79	30	LDR-Biased	3.064	3.012	-0.052
80	30	LDR-Biased	3.06	3.005	-0.055
81	30	LDR-Biased	3.082	3.036	-0.046
82	30	LDR-Unbiased	3.056	3.045	-0.011
83	30	LDR-Unbiased	3.046	3.034	-0.012
84	30	LDR-Unbiased	3.046	3.048	0.002
85	30	LDR-Unbiased	3.074	3.031	-0.043
86	30	LDR-Unbiased	3.086	3.037	-0.049
87	100	LDR-Biased	3.087	2.985	-0.102
88	100	LDR-Biased	3.081	3.047	-0.034
90	100	LDR-Biased	3.046	3.05	0.004
91	100	LDR-Unbiased	3.047	2.975	-0.072
93	100	LDR-Unbiased	3.083	2.99	-0.093
94	100	LDR-Unbiased	3.067	2.975	-0.092
95	100	LDR-Unbiased	3.045	3	-0.045
96	100	LDR-Unbiased	3.047	2.983	-0.064
106	50	LDR-Biased	3.065	2.942	-0.123
108	50	LDR-Biased	3.041	2.953	-0.088
109	50	LDR-Biased	3.064	2.977	-0.087
110	50	LDR-Biased	3.06	2.919	-0.141
111	50	LDR-Biased	3.082	3.013	-0.069
112	50	LDR-Unbiased	3.056	3.024	-0.032
113	50	LDR-Unbiased	3.046	3.01	-0.036
115	50	LDR-Unbiased	3.074	3.008	-0.066
116	50	LDR-Unbiased	3.086	3.02	-0.066
117	50	LDR-Unbiased	3.046	3.029	-0.017

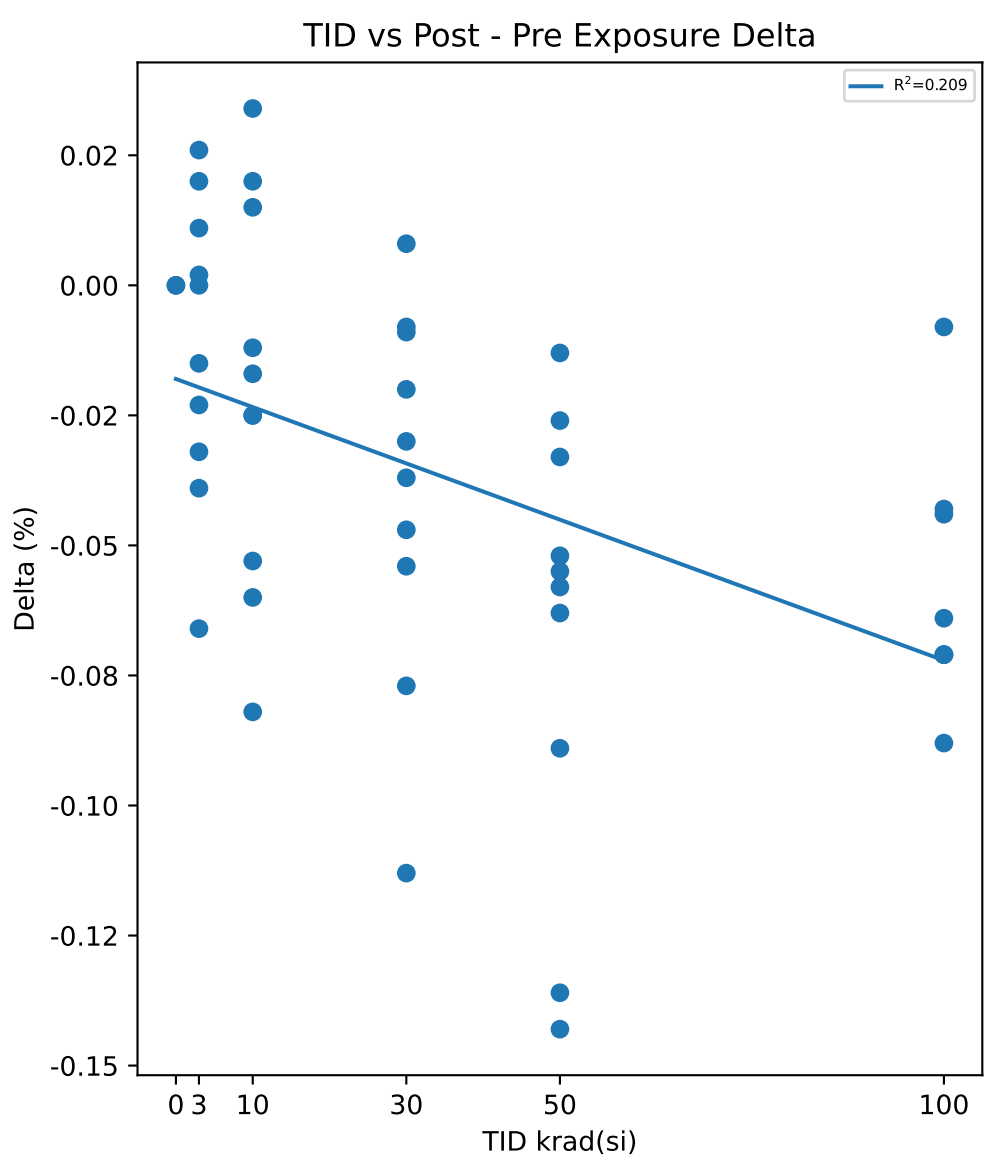


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.062	3.069	3.076	0.0098995	3.062	3.069	3.076	0.0098995	0	0	0	0
3	3.041	3.062	3.086	0.01537	3.013	3.0472	3.078	0.022866	-0.042	-0.0148	0.032	0.023832
10	3.041	3.062	3.086	0.01537	2.991	3.0382	3.078	0.033256	-0.061	-0.0238	0.032	0.034308
30	3.041	3.062	3.086	0.01537	2.928	3.0187	3.048	0.0351	-0.113	-0.0433	0.002	0.032146
50	3.041	3.062	3.086	0.01537	2.919	2.9895	3.029	0.039031	-0.141	-0.0725	-0.017	0.039218
100	3.045	3.0629	3.087	0.018673	2.975	3.0006	3.05	0.030636	-0.102	-0.06225	0.004	0.035844

Device Test: 6.113 VOL_10mA_EN2/EN2/7/3/0/0/10/@VOL_EN_10MA





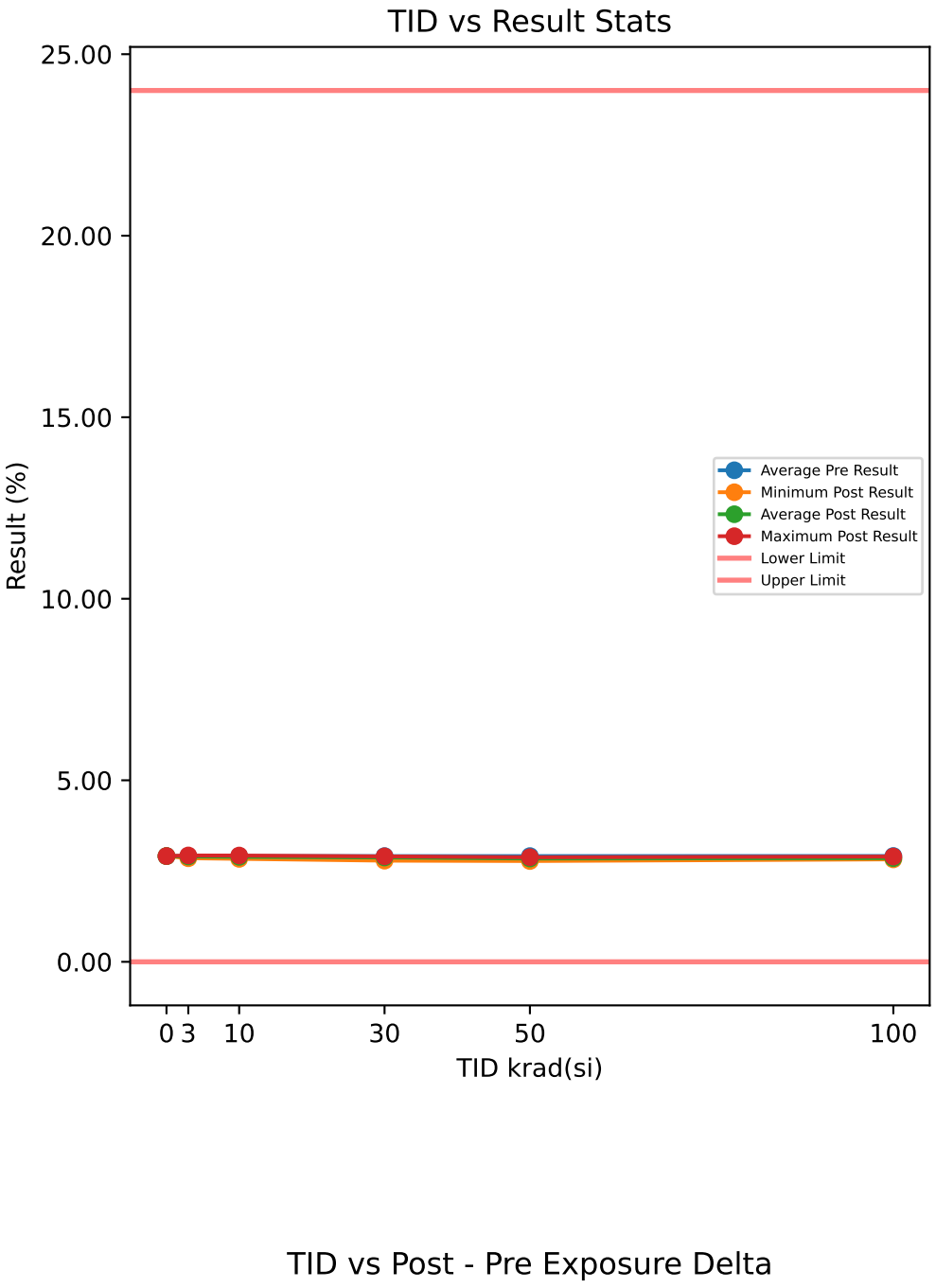
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

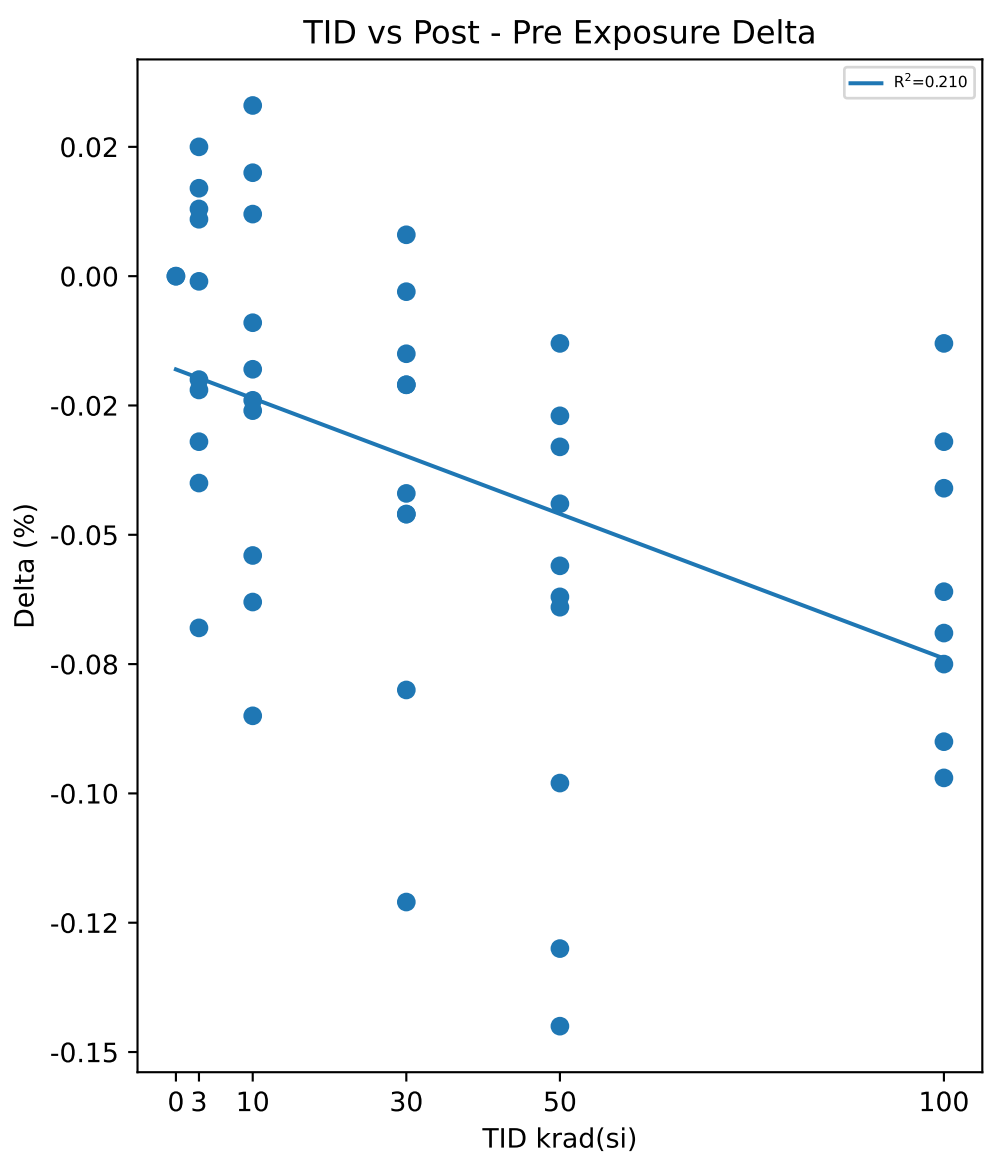
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.947	2.947	0
7	0	Correlation	2.955	2.955	0
16	3	LDR-Biased	2.959	2.893	-0.066
18	3	LDR-Biased	2.939	2.907	-0.032
19	3	LDR-Biased	2.952	2.952	0
20	3	LDR-Biased	2.953	2.914	-0.039
21	3	LDR-Biased	2.961	2.963	0.002
22	3	LDR-Unbiased	2.939	2.965	0.026
23	3	LDR-Unbiased	2.947	2.958	0.011
25	3	LDR-Unbiased	2.949	2.934	-0.015
26	3	LDR-Unbiased	2.969	2.946	-0.023
27	3	LDR-Unbiased	2.944	2.964	0.02
46	10	LDR-Biased	2.959	2.877	-0.082
48	10	LDR-Biased	2.939	2.886	-0.053
49	10	LDR-Biased	2.952	2.927	-0.025
50	10	LDR-Biased	2.953	2.893	-0.06
51	10	LDR-Biased	2.961	2.944	-0.017
52	10	LDR-Unbiased	2.939	2.973	0.034
53	10	LDR-Unbiased	2.947	2.962	0.015
55	10	LDR-Unbiased	2.949	2.937	-0.012
56	10	LDR-Unbiased	2.969	2.944	-0.025
57	10	LDR-Unbiased	2.944	2.964	0.02
76	30	LDR-Biased	2.959	2.882	-0.077
78	30	LDR-Biased	2.939	2.826	-0.113
79	30	LDR-Biased	2.952	2.932	-0.02
80	30	LDR-Biased	2.953	2.899	-0.054
81	30	LDR-Biased	2.961	2.931	-0.03
82	30	LDR-Unbiased	2.939	2.947	0.008
83	30	LDR-Unbiased	2.947	2.938	-0.009
84	30	LDR-Unbiased	2.944	2.936	-0.008
85	30	LDR-Unbiased	2.949	2.912	-0.037
86	30	LDR-Unbiased	2.969	2.922	-0.047
87	100	LDR-Biased	2.964	2.876	-0.088
88	100	LDR-Biased	2.975	2.932	-0.043
90	100	LDR-Biased	2.944	2.936	-0.008
91	100	LDR-Unbiased	2.93	2.866	-0.064
93	100	LDR-Unbiased	2.961	2.89	-0.071
94	100	LDR-Unbiased	2.961	2.89	-0.071
95	100	LDR-Unbiased	2.936	2.892	-0.044
96	100	LDR-Unbiased	2.946	2.875	-0.071
106	50	LDR-Biased	2.959	2.816	-0.143
108	50	LDR-Biased	2.939	2.85	-0.089
109	50	LDR-Biased	2.952	2.897	-0.055
110	50	LDR-Biased	2.953	2.817	-0.136
111	50	LDR-Biased	2.961	2.909	-0.052
112	50	LDR-Unbiased	2.939	2.926	-0.013
113	50	LDR-Unbiased	2.947	2.914	-0.033
115	50	LDR-Unbiased	2.949	2.891	-0.058
116	50	LDR-Unbiased	2.969	2.906	-0.063
117	50	LDR-Unbiased	2.944	2.918	-0.026

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.947	2.951	2.955	0.0056569	2.947	2.951	2.955	0.0056569	0	0	0	0
3	2.939	2.9512	2.969	0.009716	2.893	2.9396	2.965	0.026336	-0.066	-0.0116	0.026	0.028888
10	2.939	2.9512	2.969	0.009716	2.877	2.9307	2.973	0.034299	-0.082	-0.0205	0.034	0.03711
30	2.939	2.9512	2.969	0.009716	2.826	2.9125	2.947	0.03621	-0.113	-0.0387	0.008	0.036093
50	2.939	2.9512	2.969	0.009716	2.816	2.8844	2.926	0.041385	-0.143	-0.0668	-0.013	0.043767
100	2.93	2.9521	2.975	0.015468	2.866	2.8946	2.936	0.025939	-0.088	-0.0575	-0.008	0.024963

Device Test: 6.114 VOL_10mA_EN3/EN3/7/3/0/0/10/@VOL_EN_10MA





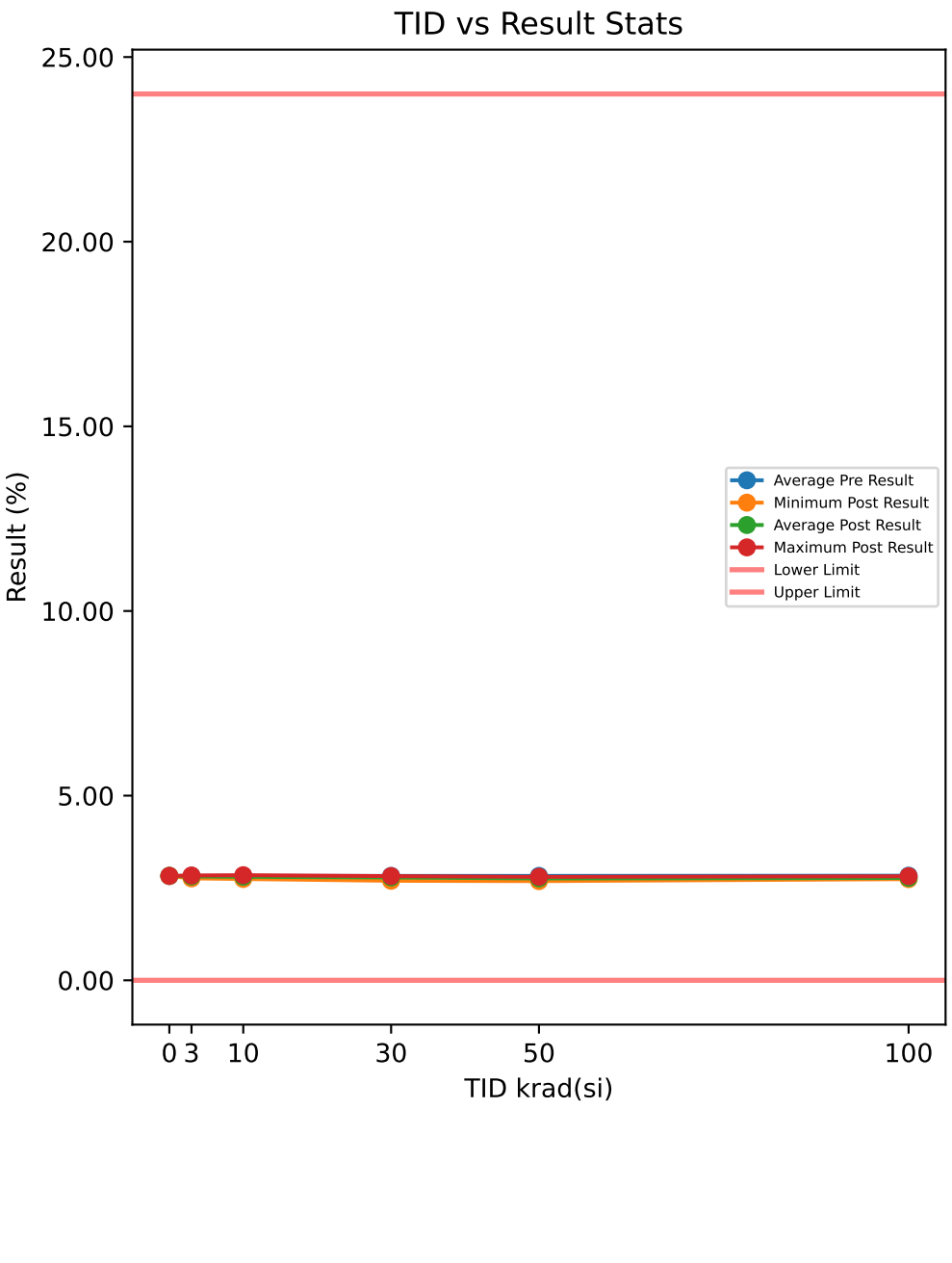
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

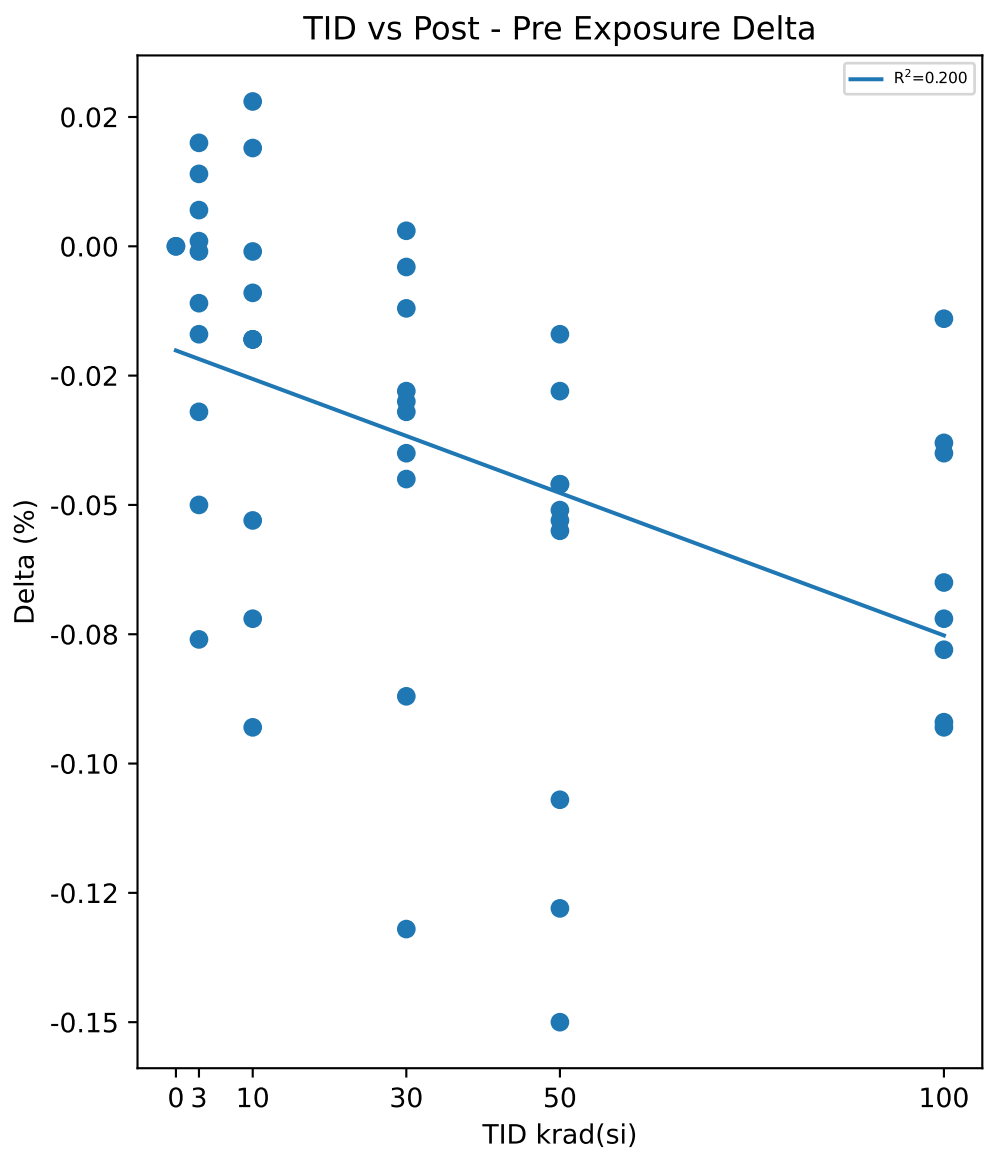
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.911	2.911	0
7	0	Correlation	2.913	2.913	0
16	3	LDR-Biased	2.921	2.853	-0.068
18	3	LDR-Biased	2.907	2.867	-0.04
19	3	LDR-Biased	2.919	2.918	-0.001
20	3	LDR-Biased	2.909	2.877	-0.032
21	3	LDR-Biased	2.918	2.929	0.011
22	3	LDR-Unbiased	2.891	2.916	0.025
23	3	LDR-Unbiased	2.907	2.924	0.017
25	3	LDR-Unbiased	2.909	2.889	-0.02
26	3	LDR-Unbiased	2.929	2.907	-0.022
27	3	LDR-Unbiased	2.912	2.925	0.013
46	10	LDR-Biased	2.921	2.836	-0.085
48	10	LDR-Biased	2.907	2.844	-0.063
49	10	LDR-Biased	2.919	2.893	-0.026
50	10	LDR-Biased	2.909	2.855	-0.054
51	10	LDR-Biased	2.918	2.909	-0.009
52	10	LDR-Unbiased	2.891	2.924	0.033
53	10	LDR-Unbiased	2.907	2.927	0.02
55	10	LDR-Unbiased	2.909	2.891	-0.018
56	10	LDR-Unbiased	2.929	2.905	-0.024
57	10	LDR-Unbiased	2.912	2.924	0.012
76	30	LDR-Biased	2.921	2.841	-0.08
78	30	LDR-Biased	2.907	2.786	-0.121
79	30	LDR-Biased	2.919	2.898	-0.021
80	30	LDR-Biased	2.909	2.863	-0.046
81	30	LDR-Biased	2.918	2.897	-0.021
82	30	LDR-Unbiased	2.891	2.899	0.008
83	30	LDR-Unbiased	2.907	2.904	-0.003
84	30	LDR-Unbiased	2.912	2.897	-0.015
85	30	LDR-Unbiased	2.909	2.867	-0.042
86	30	LDR-Unbiased	2.929	2.883	-0.046
87	100	LDR-Biased	2.937	2.84	-0.097
88	100	LDR-Biased	2.937	2.896	-0.041
90	100	LDR-Biased	2.912	2.899	-0.013
91	100	LDR-Unbiased	2.883	2.822	-0.061
93	100	LDR-Unbiased	2.918	2.849	-0.069
94	100	LDR-Unbiased	2.923	2.848	-0.075
95	100	LDR-Unbiased	2.894	2.862	-0.032
96	100	LDR-Unbiased	2.914	2.824	-0.09
106	50	LDR-Biased	2.921	2.776	-0.145
108	50	LDR-Biased	2.907	2.809	-0.098
109	50	LDR-Biased	2.919	2.863	-0.056
110	50	LDR-Biased	2.909	2.779	-0.13
111	50	LDR-Biased	2.918	2.874	-0.044
112	50	LDR-Unbiased	2.891	2.878	-0.013
113	50	LDR-Unbiased	2.907	2.88	-0.027
115	50	LDR-Unbiased	2.909	2.845	-0.064
116	50	LDR-Unbiased	2.929	2.867	-0.062
117	50	LDR-Unbiased	2.912	2.879	-0.033

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.911	2.912	2.913	0.0014142	2.911	2.912	2.913	0.0014142	0	0	0	0
3	2.891	2.9122	2.929	0.010347	2.853	2.9005	2.929	0.027114	-0.068	-0.0117	0.025	0.029755
10	2.891	2.9122	2.929	0.010347	2.836	2.8908	2.927	0.034201	-0.085	-0.0214	0.033	0.037742
30	2.891	2.9122	2.929	0.010347	2.786	2.8735	2.904	0.036879	-0.121	-0.0387	0.008	0.038355
50	2.891	2.9122	2.929	0.010347	2.776	2.845	2.88	0.041542	-0.145	-0.0672	-0.013	0.043931
100	2.883	2.9148	2.937	0.018957	2.822	2.855	2.899	0.02934	-0.097	-0.05975	-0.013	0.029104

Device Test: 6.115 VOL_10mA_EN4/EN4/7/3/0/0/10/@VOL_EN_10MA





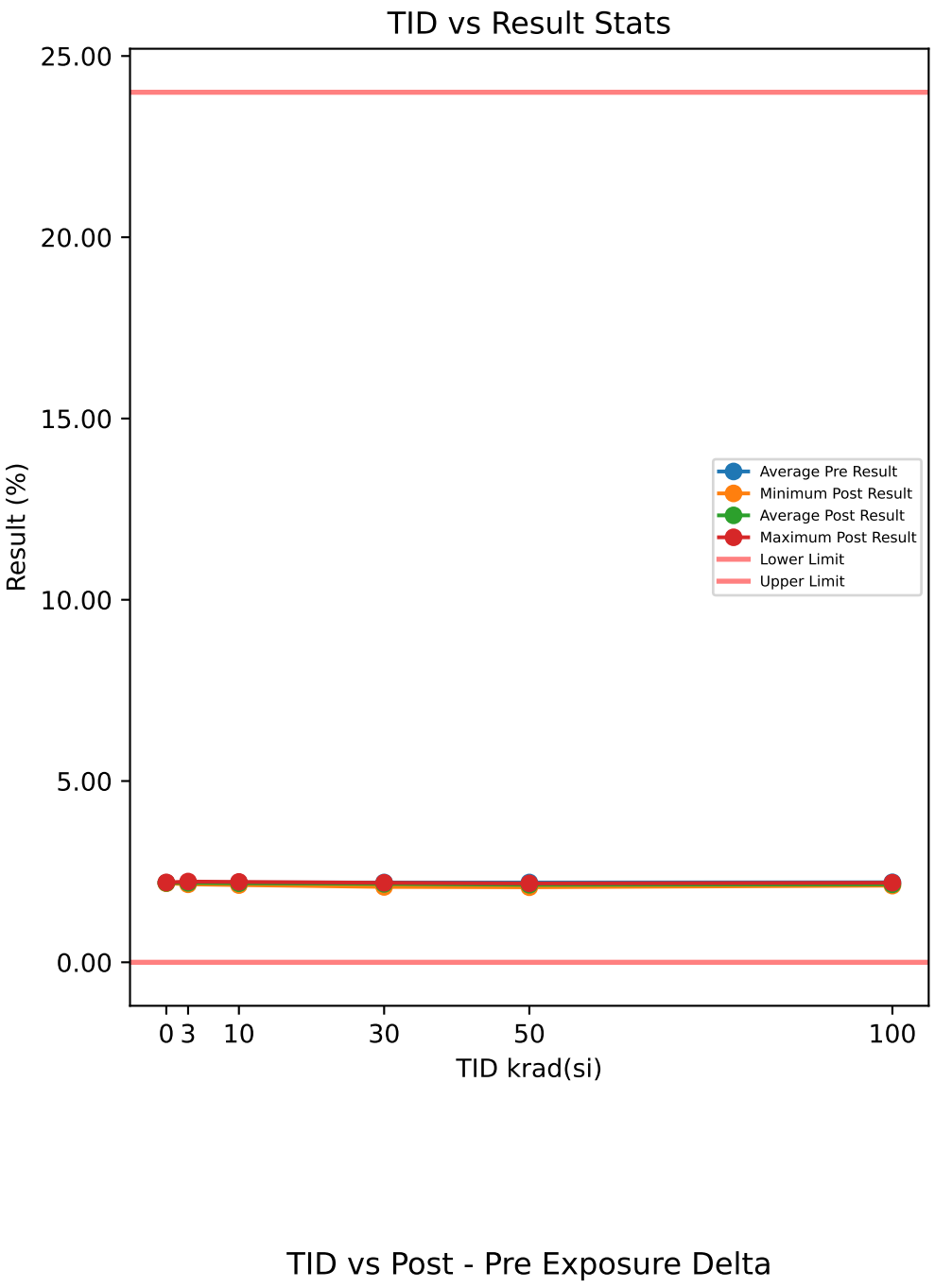
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

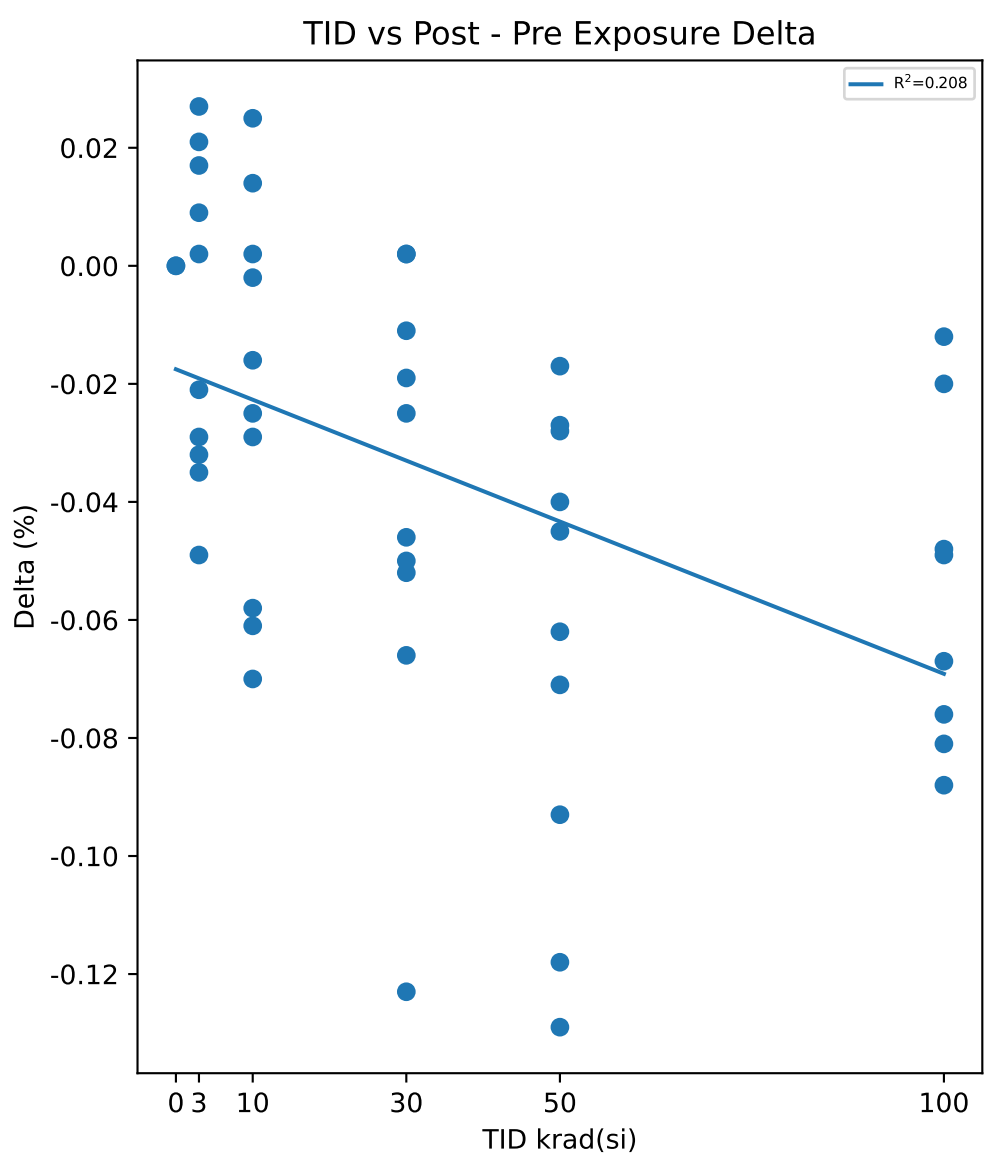
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.827	2.827	0
7	0	Correlation	2.826	2.826	0
16	3	LDR-Biased	2.836	2.76	-0.076
18	3	LDR-Biased	2.827	2.777	-0.05
19	3	LDR-Biased	2.824	2.831	0.007
20	3	LDR-Biased	2.821	2.789	-0.032
21	3	LDR-Biased	2.836	2.837	0.001
22	3	LDR-Unbiased	2.818	2.838	0.02
23	3	LDR-Unbiased	2.817	2.831	0.014
25	3	LDR-Unbiased	2.816	2.805	-0.011
26	3	LDR-Unbiased	2.839	2.822	-0.017
27	3	LDR-Unbiased	2.832	2.831	-0.001
46	10	LDR-Biased	2.836	2.743	-0.093
48	10	LDR-Biased	2.827	2.755	-0.072
49	10	LDR-Biased	2.824	2.806	-0.018
50	10	LDR-Biased	2.821	2.768	-0.053
51	10	LDR-Biased	2.836	2.818	-0.018
52	10	LDR-Unbiased	2.818	2.846	0.028
53	10	LDR-Unbiased	2.817	2.836	0.019
55	10	LDR-Unbiased	2.816	2.807	-0.009
56	10	LDR-Unbiased	2.839	2.821	-0.018
57	10	LDR-Unbiased	2.832	2.831	-0.001
76	30	LDR-Biased	2.836	2.749	-0.087
78	30	LDR-Biased	2.827	2.695	-0.132
79	30	LDR-Biased	2.824	2.812	-0.012
80	30	LDR-Biased	2.821	2.776	-0.045
81	30	LDR-Biased	2.836	2.806	-0.03
82	30	LDR-Unbiased	2.818	2.821	0.003
83	30	LDR-Unbiased	2.817	2.813	-0.004
84	30	LDR-Unbiased	2.832	2.804	-0.028
85	30	LDR-Unbiased	2.816	2.784	-0.032
86	30	LDR-Unbiased	2.839	2.799	-0.04
87	100	LDR-Biased	2.85	2.758	-0.092
88	100	LDR-Biased	2.852	2.814	-0.038
90	100	LDR-Biased	2.831	2.817	-0.014
91	100	LDR-Unbiased	2.81	2.745	-0.065
93	100	LDR-Unbiased	2.836	2.764	-0.072
94	100	LDR-Unbiased	2.838	2.76	-0.078
95	100	LDR-Unbiased	2.811	2.771	-0.04
96	100	LDR-Unbiased	2.833	2.74	-0.093
106	50	LDR-Biased	2.836	2.686	-0.15
108	50	LDR-Biased	2.827	2.72	-0.107
109	50	LDR-Biased	2.824	2.778	-0.046
110	50	LDR-Biased	2.821	2.693	-0.128
111	50	LDR-Biased	2.836	2.785	-0.051
112	50	LDR-Unbiased	2.818	2.801	-0.017
113	50	LDR-Unbiased	2.817	2.789	-0.028
115	50	LDR-Unbiased	2.816	2.763	-0.053
116	50	LDR-Unbiased	2.839	2.784	-0.055
117	50	LDR-Unbiased	2.832	2.786	-0.046

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.826	2.8265	2.827	0.00070711	2.826	2.8265	2.827	0.00070711	0	0	0	0
3	2.816	2.8266	2.839	0.0086692	2.76	2.8121	2.838	0.027871	-0.076	-0.0145	0.02	0.030285
10	2.816	2.8266	2.839	0.0086692	2.743	2.8031	2.846	0.035629	-0.093	-0.0235	0.028	0.038469
30	2.816	2.8266	2.839	0.0086692	2.695	2.7859	2.821	0.038408	-0.132	-0.0407	0.003	0.04073
50	2.816	2.8266	2.839	0.0086692	2.686	2.7585	2.801	0.042524	-0.15	-0.0681	-0.017	0.044343
100	2.81	2.8326	2.852	0.015583	2.74	2.7711	2.817	0.029132	-0.093	-0.0615	-0.014	0.028254

Device Test: 6.116 VOL_10mA_SEQ/SEQ_DONE/7/3/0/0/10/@VOL_SEQ_DONE_10MA





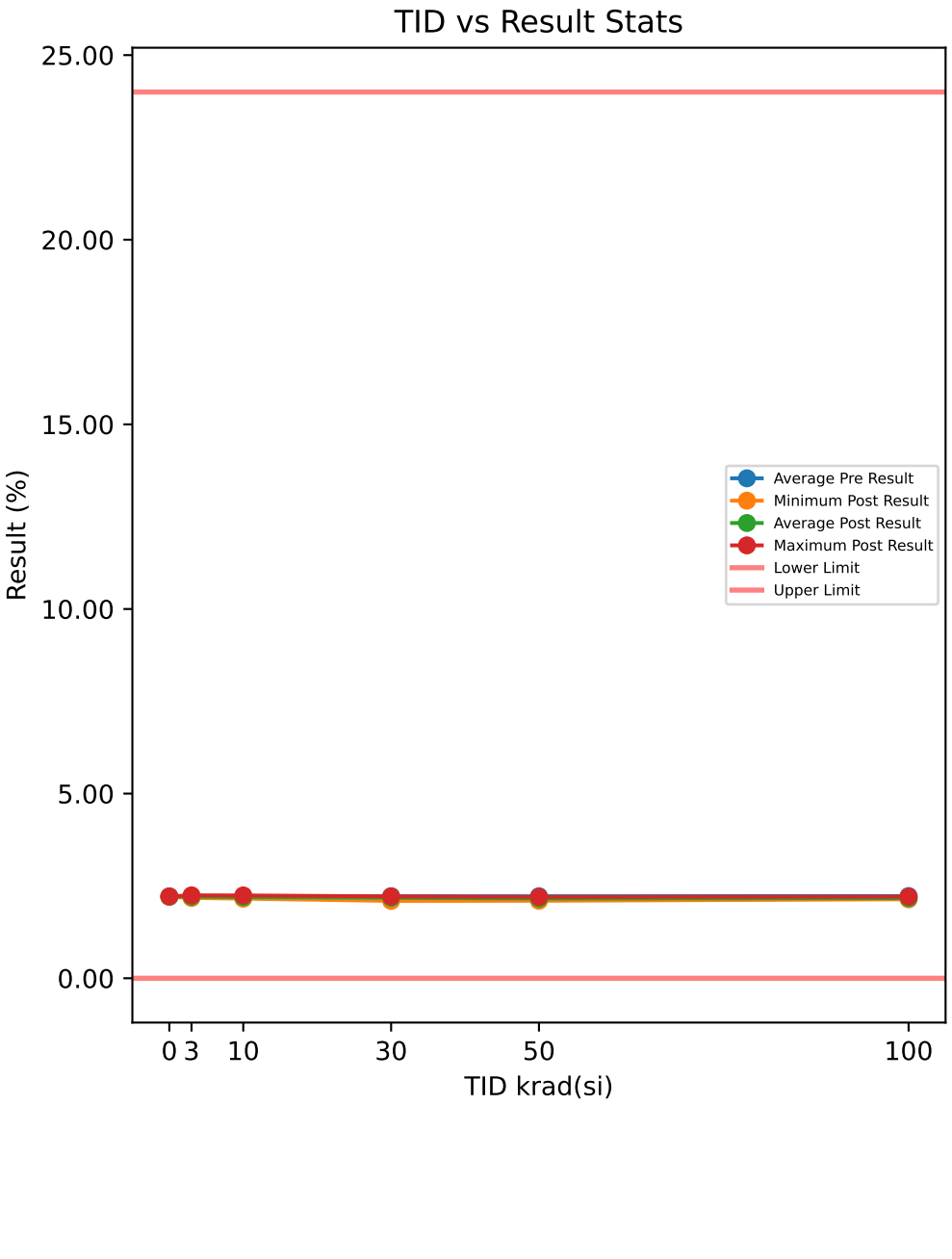
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

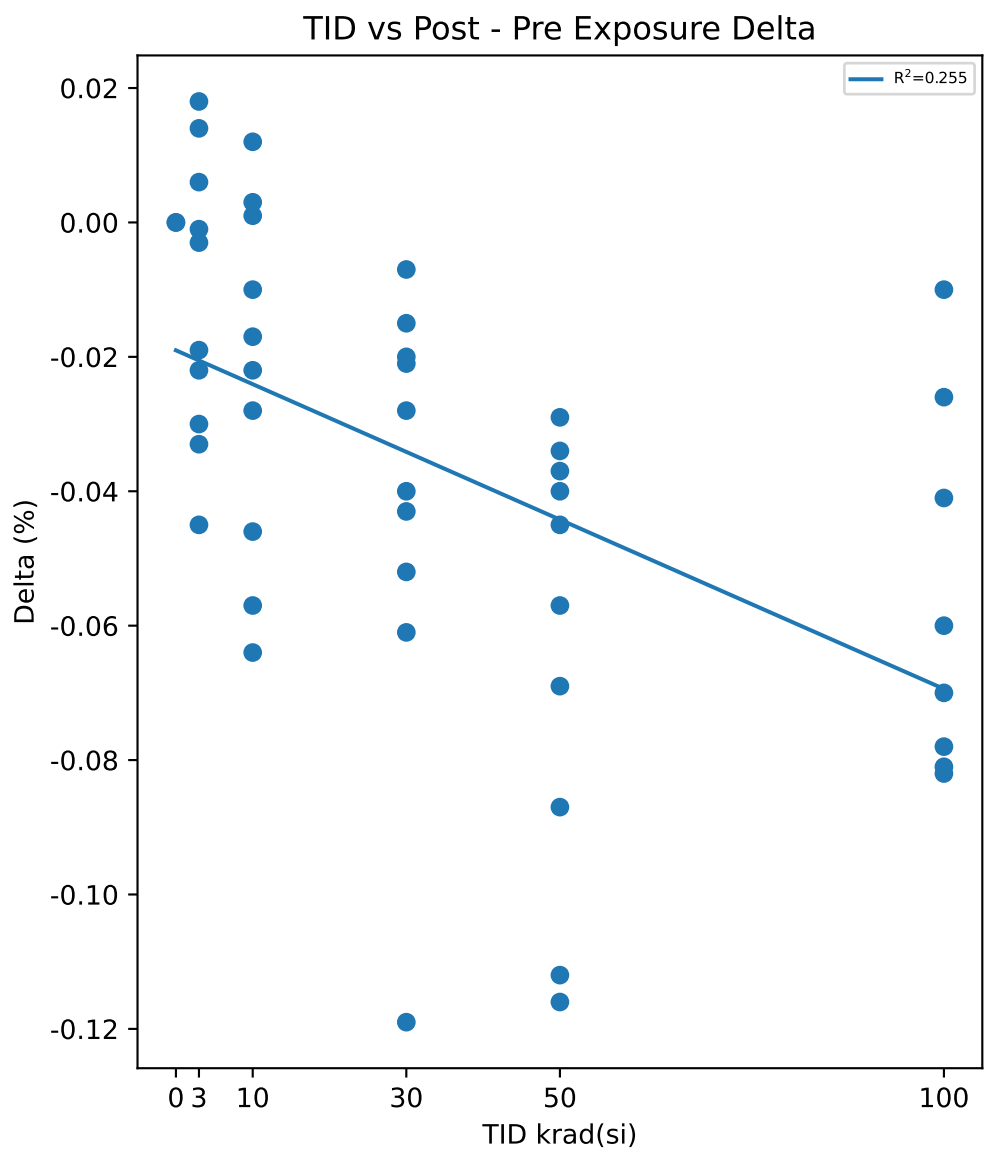
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.203	2.203	0
7	0	Correlation	2.18	2.18	0
16	3	LDR-Biased	2.2	2.151	-0.049
18	3	LDR-Biased	2.202	2.167	-0.035
19	3	LDR-Biased	2.188	2.215	0.027
20	3	LDR-Biased	2.199	2.167	-0.032
21	3	LDR-Biased	2.218	2.227	0.009
22	3	LDR-Unbiased	2.188	2.209	0.021
23	3	LDR-Unbiased	2.197	2.199	0.002
25	3	LDR-Unbiased	2.195	2.166	-0.029
26	3	LDR-Unbiased	2.218	2.197	-0.021
27	3	LDR-Unbiased	2.203	2.22	0.017
46	10	LDR-Biased	2.2	2.13	-0.07
48	10	LDR-Biased	2.202	2.141	-0.061
49	10	LDR-Biased	2.188	2.186	-0.002
50	10	LDR-Biased	2.199	2.141	-0.058
51	10	LDR-Biased	2.218	2.202	-0.016
52	10	LDR-Unbiased	2.188	2.213	0.025
53	10	LDR-Unbiased	2.197	2.199	0.002
55	10	LDR-Unbiased	2.195	2.166	-0.029
56	10	LDR-Unbiased	2.218	2.193	-0.025
57	10	LDR-Unbiased	2.203	2.217	0.014
76	30	LDR-Biased	2.2	2.134	-0.066
78	30	LDR-Biased	2.202	2.079	-0.123
79	30	LDR-Biased	2.188	2.19	0.002
80	30	LDR-Biased	2.199	2.149	-0.05
81	30	LDR-Biased	2.218	2.193	-0.025
82	30	LDR-Unbiased	2.188	2.19	0.002
83	30	LDR-Unbiased	2.197	2.178	-0.019
84	30	LDR-Unbiased	2.203	2.192	-0.011
85	30	LDR-Unbiased	2.195	2.143	-0.052
86	30	LDR-Unbiased	2.218	2.172	-0.046
87	100	LDR-Biased	2.228	2.14	-0.088
88	100	LDR-Biased	2.212	2.192	-0.02
90	100	LDR-Biased	2.206	2.194	-0.012
91	100	LDR-Unbiased	2.182	2.115	-0.067
93	100	LDR-Unbiased	2.218	2.137	-0.081
94	100	LDR-Unbiased	2.202	2.154	-0.048
95	100	LDR-Unbiased	2.193	2.144	-0.049
96	100	LDR-Unbiased	2.204	2.128	-0.076
106	50	LDR-Biased	2.2	2.082	-0.118
108	50	LDR-Biased	2.202	2.109	-0.093
109	50	LDR-Biased	2.188	2.161	-0.027
110	50	LDR-Biased	2.199	2.07	-0.129
111	50	LDR-Biased	2.218	2.173	-0.045
112	50	LDR-Unbiased	2.188	2.171	-0.017
113	50	LDR-Unbiased	2.197	2.157	-0.04
115	50	LDR-Unbiased	2.195	2.124	-0.071
116	50	LDR-Unbiased	2.218	2.156	-0.062
117	50	LDR-Unbiased	2.203	2.175	-0.028

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.18	2.1915	2.203	0.016263	2.18	2.1915	2.203	0.016263	0	0	0	0
3	2.188	2.2008	2.218	0.010422	2.151	2.1918	2.227	0.02689	-0.049	-0.009	0.027	0.027215
10	2.188	2.2008	2.218	0.010422	2.13	2.1788	2.217	0.032027	-0.07	-0.022	0.025	0.032823
30	2.188	2.2008	2.218	0.010422	2.079	2.162	2.193	0.036497	-0.123	-0.0388	0.002	0.037809
50	2.188	2.2008	2.218	0.010422	2.07	2.1378	2.175	0.039007	-0.129	-0.063	-0.017	0.039209
100	2.182	2.2056	2.228	0.014282	2.115	2.1505	2.194	0.028606	-0.088	-0.055125	-0.012	0.028053

Device Test: 6.117 VOL_10mA_PWRGD/PWRGD/7/3/0/0/10/@VOL_PWRGD_10MA





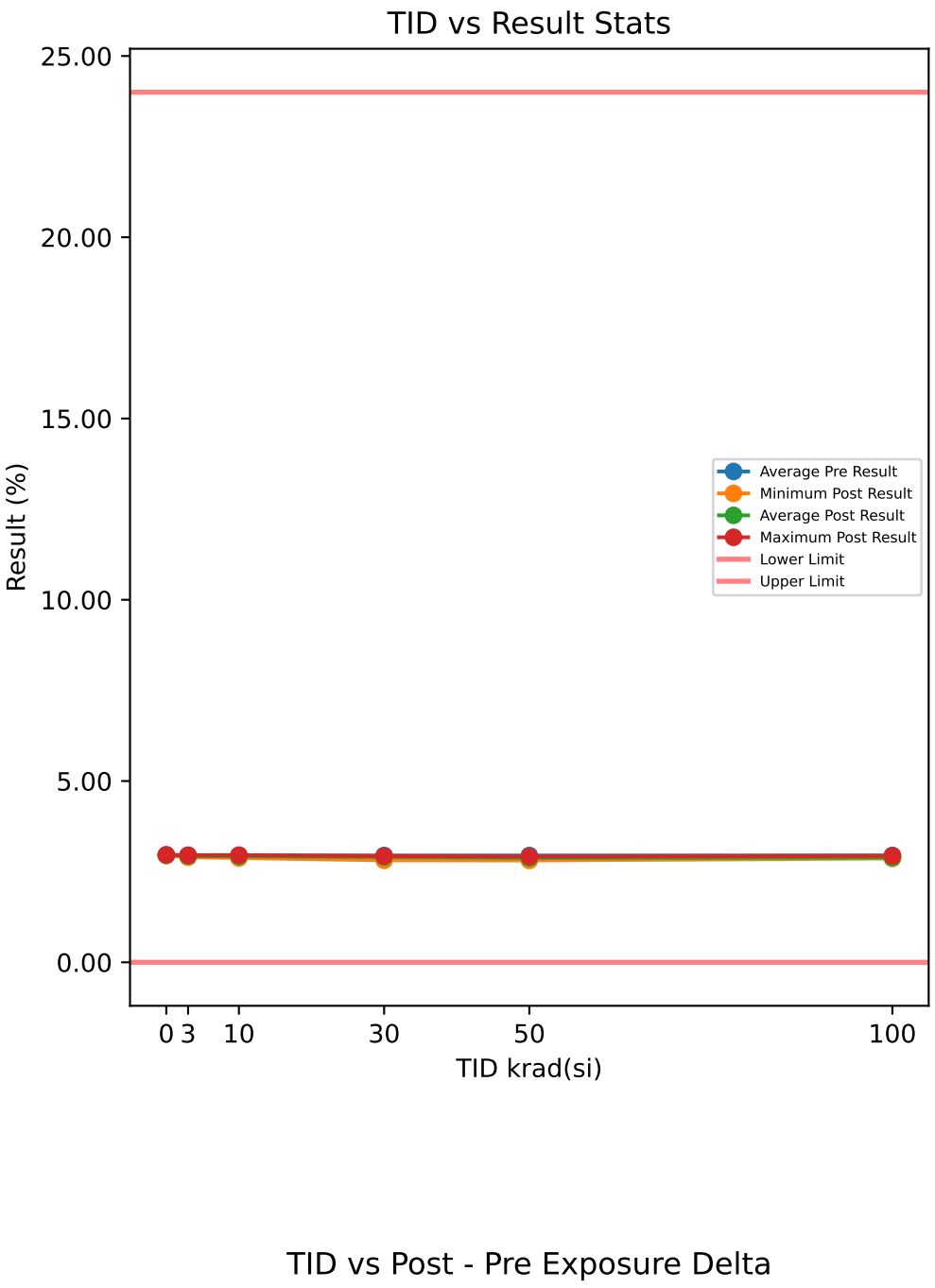
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

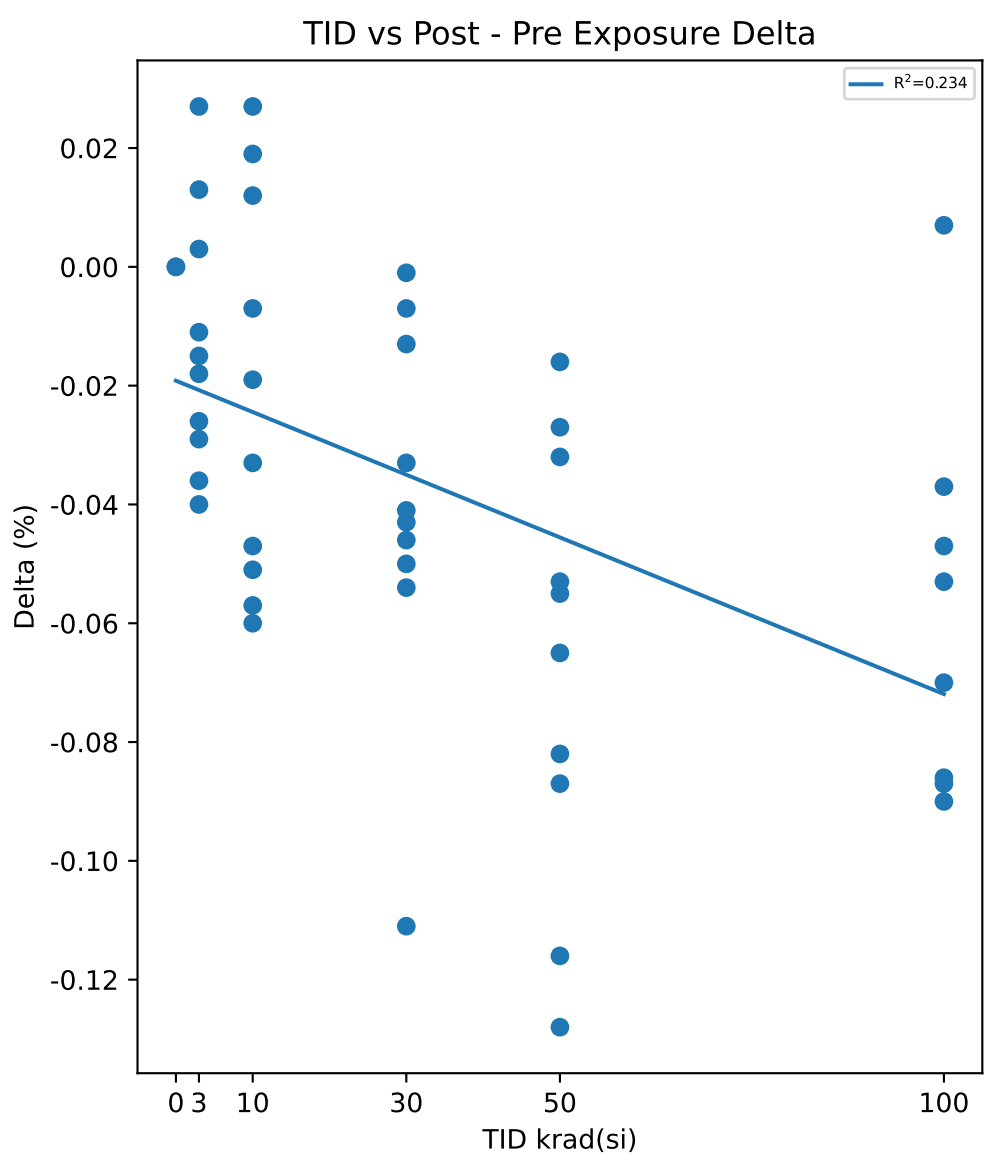
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.217	2.217	0
7	0	Correlation	2.206	2.206	0
16	3	LDR-Biased	2.22	2.175	-0.045
18	3	LDR-Biased	2.214	2.181	-0.033
19	3	LDR-Biased	2.217	2.235	0.018
20	3	LDR-Biased	2.214	2.192	-0.022
21	3	LDR-Biased	2.235	2.241	0.006
22	3	LDR-Unbiased	2.215	2.212	-0.003
23	3	LDR-Unbiased	2.216	2.215	-0.001
25	3	LDR-Unbiased	2.217	2.187	-0.03
26	3	LDR-Unbiased	2.23	2.211	-0.019
27	3	LDR-Unbiased	2.231	2.245	0.014
46	10	LDR-Biased	2.22	2.156	-0.064
48	10	LDR-Biased	2.214	2.157	-0.057
49	10	LDR-Biased	2.217	2.207	-0.01
50	10	LDR-Biased	2.214	2.168	-0.046
51	10	LDR-Biased	2.235	2.218	-0.017
52	10	LDR-Unbiased	2.215	2.218	0.003
53	10	LDR-Unbiased	2.216	2.217	0.001
55	10	LDR-Unbiased	2.217	2.189	-0.028
56	10	LDR-Unbiased	2.23	2.208	-0.022
57	10	LDR-Unbiased	2.231	2.243	0.012
76	30	LDR-Biased	2.22	2.159	-0.061
78	30	LDR-Biased	2.214	2.095	-0.119
79	30	LDR-Biased	2.217	2.21	-0.007
80	30	LDR-Biased	2.214	2.174	-0.04
81	30	LDR-Biased	2.235	2.207	-0.028
82	30	LDR-Unbiased	2.215	2.195	-0.02
83	30	LDR-Unbiased	2.216	2.195	-0.021
84	30	LDR-Unbiased	2.231	2.216	-0.015
85	30	LDR-Unbiased	2.217	2.165	-0.052
86	30	LDR-Unbiased	2.23	2.187	-0.043
87	100	LDR-Biased	2.235	2.154	-0.081
88	100	LDR-Biased	2.232	2.206	-0.026
90	100	LDR-Biased	2.219	2.209	-0.01
91	100	LDR-Unbiased	2.209	2.139	-0.07
93	100	LDR-Unbiased	2.235	2.153	-0.082
94	100	LDR-Unbiased	2.222	2.181	-0.041
95	100	LDR-Unbiased	2.22	2.16	-0.06
96	100	LDR-Unbiased	2.232	2.154	-0.078
106	50	LDR-Biased	2.22	2.108	-0.112
108	50	LDR-Biased	2.214	2.127	-0.087
109	50	LDR-Biased	2.217	2.183	-0.034
110	50	LDR-Biased	2.214	2.098	-0.116
111	50	LDR-Biased	2.235	2.19	-0.045
112	50	LDR-Unbiased	2.215	2.178	-0.037
113	50	LDR-Unbiased	2.216	2.176	-0.04
115	50	LDR-Unbiased	2.217	2.148	-0.069
116	50	LDR-Unbiased	2.23	2.173	-0.057
117	50	LDR-Unbiased	2.231	2.202	-0.029

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.206	2.2115	2.217	0.0077782	2.206	2.2115	2.217	0.0077782	0	0	0	0
3	2.214	2.2209	2.235	0.0079505	2.175	2.2094	2.245	0.02529	-0.045	-0.0115	0.018	0.02135
10	2.214	2.2209	2.235	0.0079505	2.156	2.1981	2.243	0.029426	-0.064	-0.0228	0.012	0.025978
30	2.214	2.2209	2.235	0.0079505	2.095	2.1803	2.216	0.035512	-0.119	-0.0406	-0.007	0.032404
50	2.214	2.2209	2.235	0.0079505	2.098	2.1583	2.202	0.036046	-0.116	-0.0626	-0.029	0.032288
100	2.209	2.2255	2.235	0.0094264	2.139	2.1695	2.209	0.026181	-0.082	-0.056	-0.01	0.027355

Device Test: 6.118 VOL_10mA_EN1/EN1/7/14/0/0/10/@VOL_EN_10MA





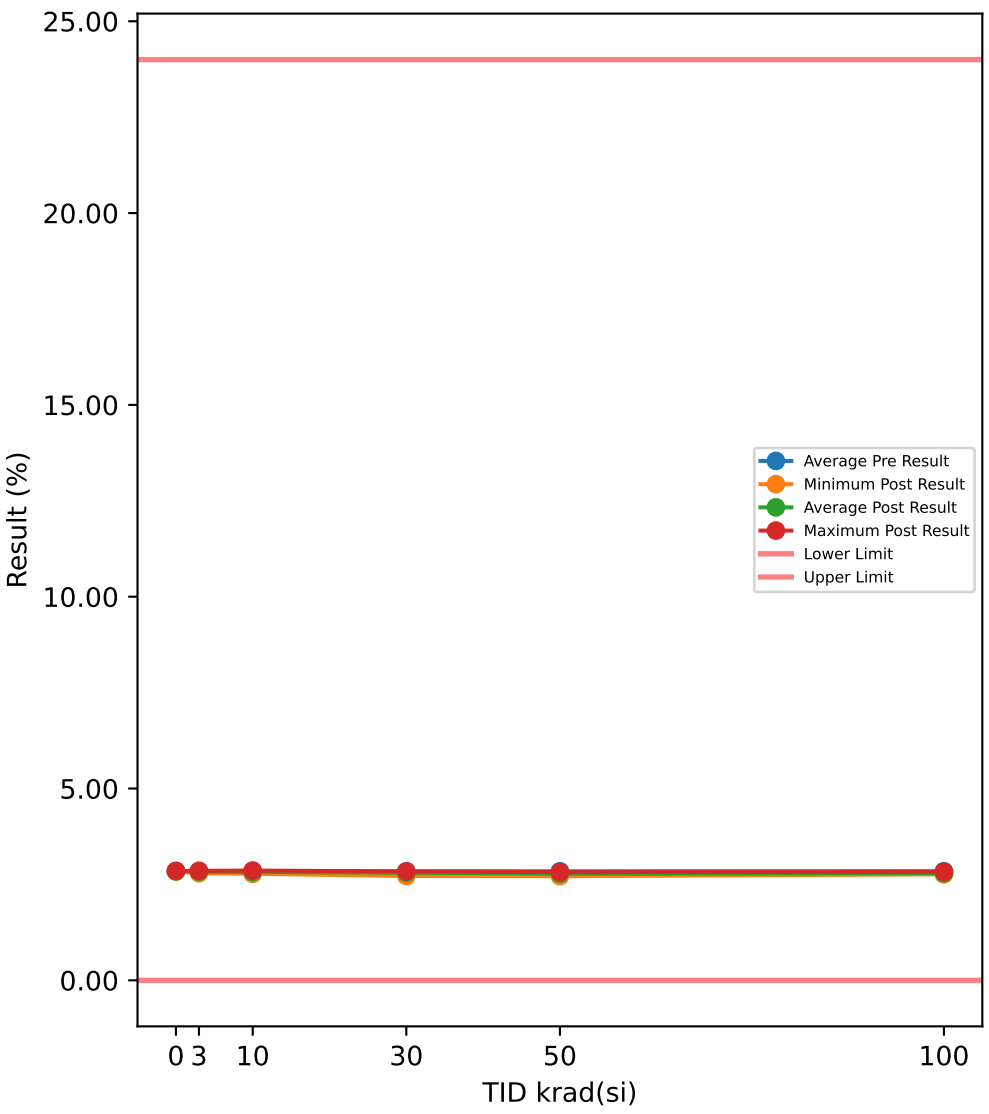
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

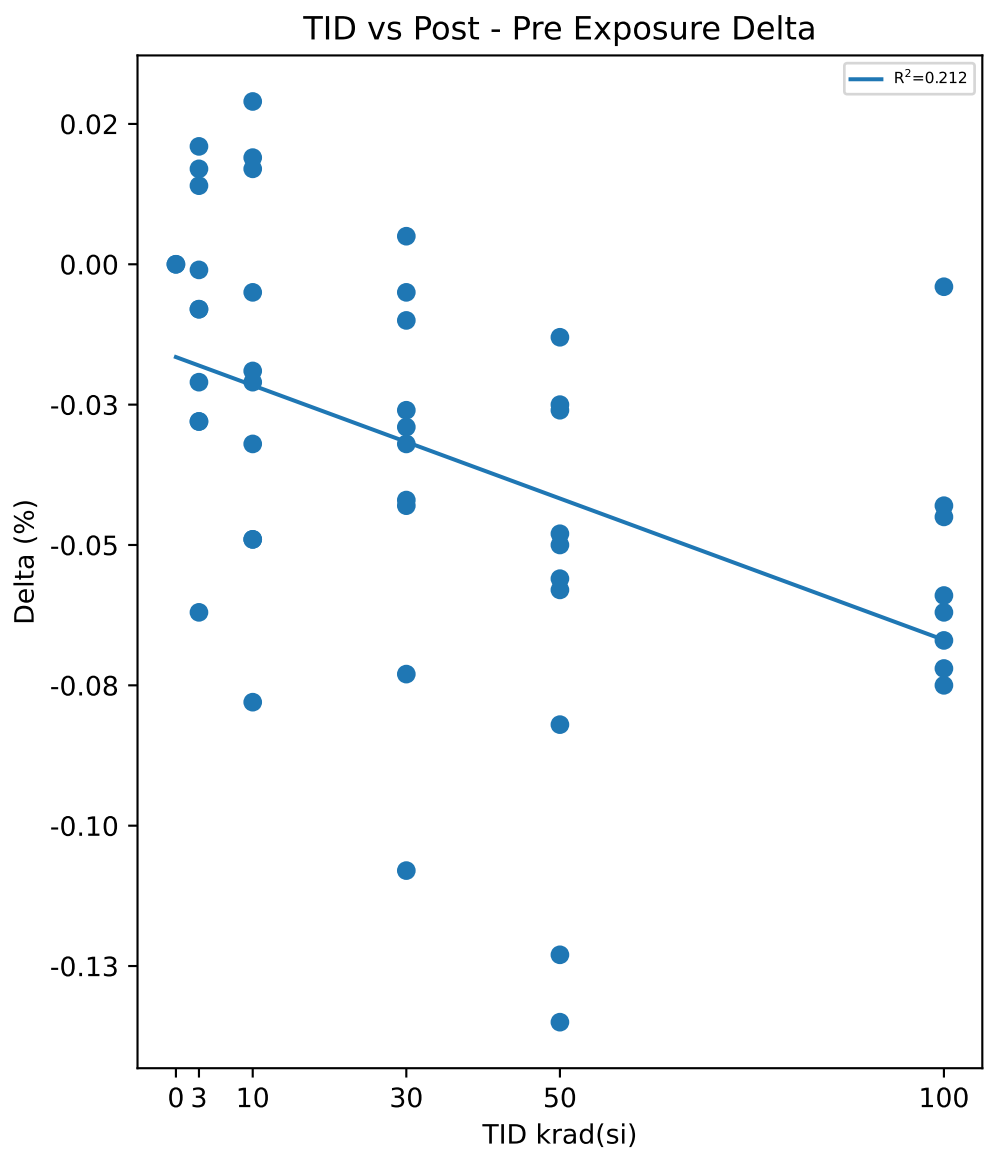
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.946	2.946	0
7	0	Correlation	2.964	2.964	0
16	3	LDR-Biased	2.953	2.913	-0.04
18	3	LDR-Biased	2.924	2.898	-0.026
19	3	LDR-Biased	2.952	2.916	-0.036
20	3	LDR-Biased	2.937	2.908	-0.029
21	3	LDR-Biased	2.964	2.949	-0.015
22	3	LDR-Unbiased	2.943	2.946	0.003
23	3	LDR-Unbiased	2.929	2.942	0.013
25	3	LDR-Unbiased	2.958	2.947	-0.011
26	3	LDR-Unbiased	2.972	2.954	-0.018
27	3	LDR-Unbiased	2.926	2.953	0.027
46	10	LDR-Biased	2.953	2.896	-0.057
48	10	LDR-Biased	2.924	2.877	-0.047
49	10	LDR-Biased	2.952	2.892	-0.06
50	10	LDR-Biased	2.937	2.886	-0.051
51	10	LDR-Biased	2.964	2.931	-0.033
52	10	LDR-Unbiased	2.943	2.955	0.012
53	10	LDR-Unbiased	2.929	2.948	0.019
55	10	LDR-Unbiased	2.958	2.951	-0.007
56	10	LDR-Unbiased	2.972	2.953	-0.019
57	10	LDR-Unbiased	2.926	2.953	0.027
76	30	LDR-Biased	2.953	2.903	-0.05
78	30	LDR-Biased	2.924	2.813	-0.111
79	30	LDR-Biased	2.952	2.898	-0.054
80	30	LDR-Biased	2.937	2.894	-0.043
81	30	LDR-Biased	2.964	2.918	-0.046
82	30	LDR-Unbiased	2.943	2.93	-0.013
83	30	LDR-Unbiased	2.929	2.922	-0.007
84	30	LDR-Unbiased	2.926	2.925	-0.001
85	30	LDR-Unbiased	2.958	2.925	-0.033
86	30	LDR-Unbiased	2.972	2.931	-0.041
87	100	LDR-Biased	2.968	2.882	-0.086
88	100	LDR-Biased	2.969	2.932	-0.037
90	100	LDR-Biased	2.929	2.936	0.007
91	100	LDR-Unbiased	2.935	2.865	-0.07
93	100	LDR-Unbiased	2.965	2.878	-0.087
94	100	LDR-Unbiased	2.955	2.865	-0.09
95	100	LDR-Unbiased	2.934	2.887	-0.047
96	100	LDR-Unbiased	2.928	2.875	-0.053
106	50	LDR-Biased	2.953	2.837	-0.116
108	50	LDR-Biased	2.924	2.842	-0.082
109	50	LDR-Biased	2.952	2.865	-0.087
110	50	LDR-Biased	2.937	2.809	-0.128
111	50	LDR-Biased	2.964	2.899	-0.065
112	50	LDR-Unbiased	2.943	2.911	-0.032
113	50	LDR-Unbiased	2.929	2.902	-0.027
115	50	LDR-Unbiased	2.958	2.905	-0.053
116	50	LDR-Unbiased	2.972	2.917	-0.055
117	50	LDR-Unbiased	2.926	2.91	-0.016

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.946	2.955	2.964	0.012728	2.946	2.955	2.964	0.012728	0	0	0	0
3	2.924	2.9458	2.972	0.016639	2.898	2.9326	2.954	0.021293	-0.04	-0.0132	0.027	0.021725
10	2.924	2.9458	2.972	0.016639	2.877	2.9242	2.955	0.032417	-0.06	-0.0216	0.027	0.032874
30	2.924	2.9458	2.972	0.016639	2.813	2.9059	2.931	0.035259	-0.111	-0.0399	-0.001	0.031218
50	2.924	2.9458	2.972	0.016639	2.809	2.8797	2.917	0.038381	-0.128	-0.0661	-0.016	0.037281
100	2.928	2.9479	2.969	0.018146	2.865	2.89	2.936	0.028213	-0.09	-0.057875	0.007	0.032961

Device Test: 6.119 VOL_10mA_EN2/EN2/7/14/0/0/10/@VOL_EN_10MA





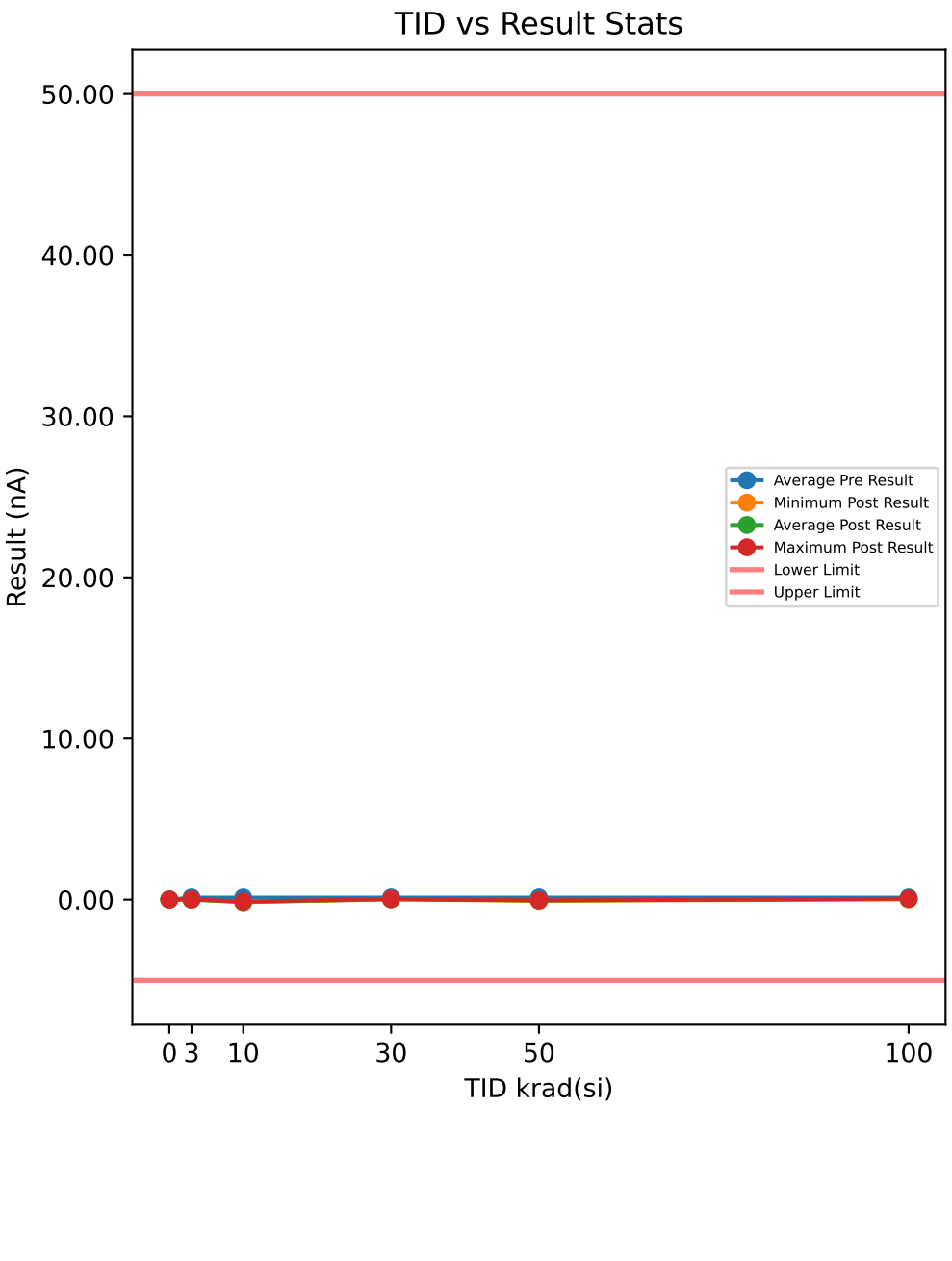
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

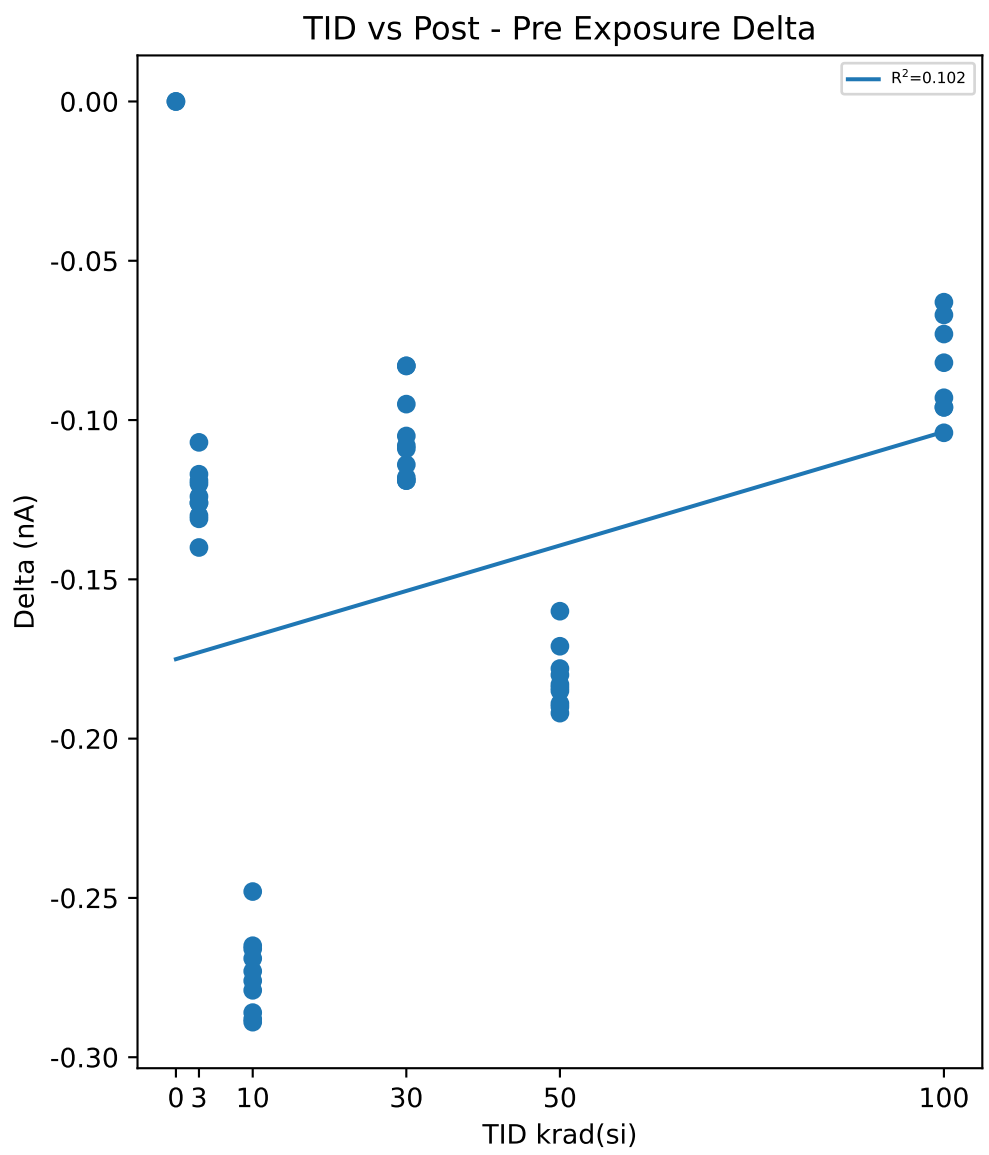
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.838	2.838	0
7	0	Correlation	2.851	2.851	0
16	3	LDR-Biased	2.854	2.792	-0.062
18	3	LDR-Biased	2.827	2.799	-0.028
19	3	LDR-Biased	2.847	2.839	-0.008
20	3	LDR-Biased	2.836	2.808	-0.028
21	3	LDR-Biased	2.851	2.85	-0.001
22	3	LDR-Unbiased	2.833	2.854	0.021
23	3	LDR-Unbiased	2.836	2.85	0.014
25	3	LDR-Unbiased	2.841	2.833	-0.008
26	3	LDR-Unbiased	2.864	2.843	-0.021
27	3	LDR-Unbiased	2.83	2.847	0.017
46	10	LDR-Biased	2.854	2.776	-0.078
48	10	LDR-Biased	2.827	2.778	-0.049
49	10	LDR-Biased	2.847	2.815	-0.032
50	10	LDR-Biased	2.836	2.787	-0.049
51	10	LDR-Biased	2.851	2.832	-0.019
52	10	LDR-Unbiased	2.833	2.862	0.029
53	10	LDR-Unbiased	2.836	2.855	0.019
55	10	LDR-Unbiased	2.841	2.836	-0.005
56	10	LDR-Unbiased	2.864	2.843	-0.021
57	10	LDR-Unbiased	2.83	2.847	0.017
76	30	LDR-Biased	2.854	2.781	-0.073
78	30	LDR-Biased	2.827	2.719	-0.108
79	30	LDR-Biased	2.847	2.821	-0.026
80	30	LDR-Biased	2.836	2.794	-0.042
81	30	LDR-Biased	2.851	2.819	-0.032
82	30	LDR-Unbiased	2.833	2.838	0.005
83	30	LDR-Unbiased	2.836	2.831	-0.005
84	30	LDR-Unbiased	2.83	2.82	-0.01
85	30	LDR-Unbiased	2.841	2.812	-0.029
86	30	LDR-Unbiased	2.864	2.821	-0.043
87	100	LDR-Biased	2.853	2.778	-0.075
88	100	LDR-Biased	2.87	2.825	-0.045
90	100	LDR-Biased	2.832	2.828	-0.004
91	100	LDR-Unbiased	2.825	2.763	-0.062
93	100	LDR-Unbiased	2.852	2.785	-0.067
94	100	LDR-Unbiased	2.857	2.785	-0.072
95	100	LDR-Unbiased	2.829	2.786	-0.043
96	100	LDR-Unbiased	2.832	2.773	-0.059
106	50	LDR-Biased	2.854	2.719	-0.135
108	50	LDR-Biased	2.827	2.745	-0.082
109	50	LDR-Biased	2.847	2.789	-0.058
110	50	LDR-Biased	2.836	2.713	-0.123
111	50	LDR-Biased	2.851	2.801	-0.05
112	50	LDR-Unbiased	2.833	2.82	-0.013
113	50	LDR-Unbiased	2.836	2.81	-0.026
115	50	LDR-Unbiased	2.841	2.793	-0.048
116	50	LDR-Unbiased	2.864	2.808	-0.056
117	50	LDR-Unbiased	2.83	2.805	-0.025

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.838	2.8445	2.851	0.0091924	2.838	2.8445	2.851	0.0091924	0	0	0	0
3	2.827	2.8419	2.864	0.011818	2.792	2.8315	2.854	0.023071	-0.062	-0.0104	0.021	0.025444
10	2.827	2.8419	2.864	0.011818	2.776	2.8231	2.862	0.032257	-0.078	-0.0188	0.029	0.03447
30	2.827	2.8419	2.864	0.011818	2.719	2.8056	2.838	0.034699	-0.108	-0.0363	0.005	0.033533
50	2.827	2.8419	2.864	0.011818	2.713	2.7803	2.82	0.039489	-0.135	-0.0616	-0.013	0.040697
100	2.825	2.8438	2.87	0.016316	2.763	2.7904	2.828	0.023591	-0.075	-0.053375	-0.004	0.023059

Device Test: 6.12 ILKG_SENSE4/SENSE4//3/0/0/0/@ILKG_SENSE





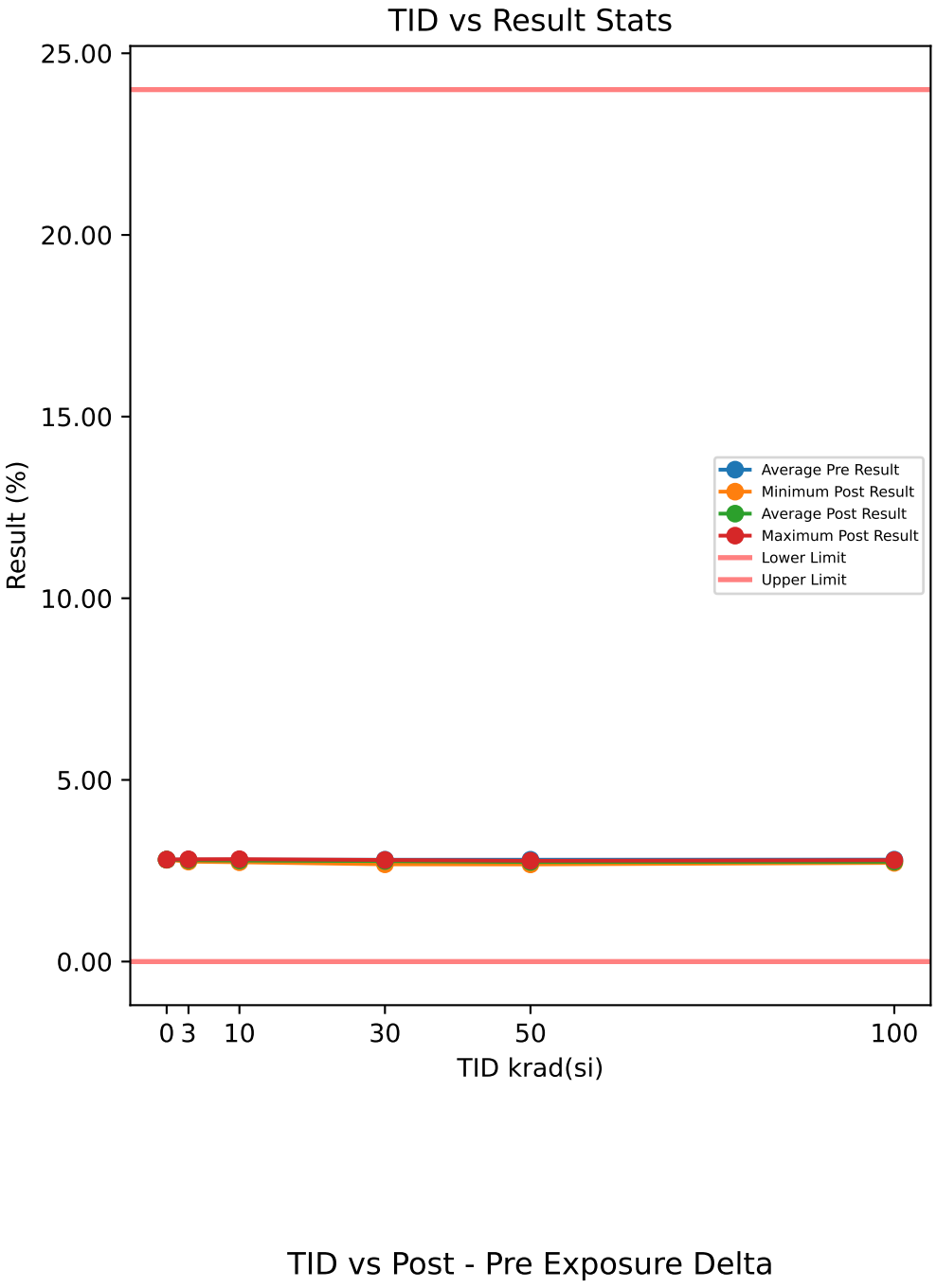
Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

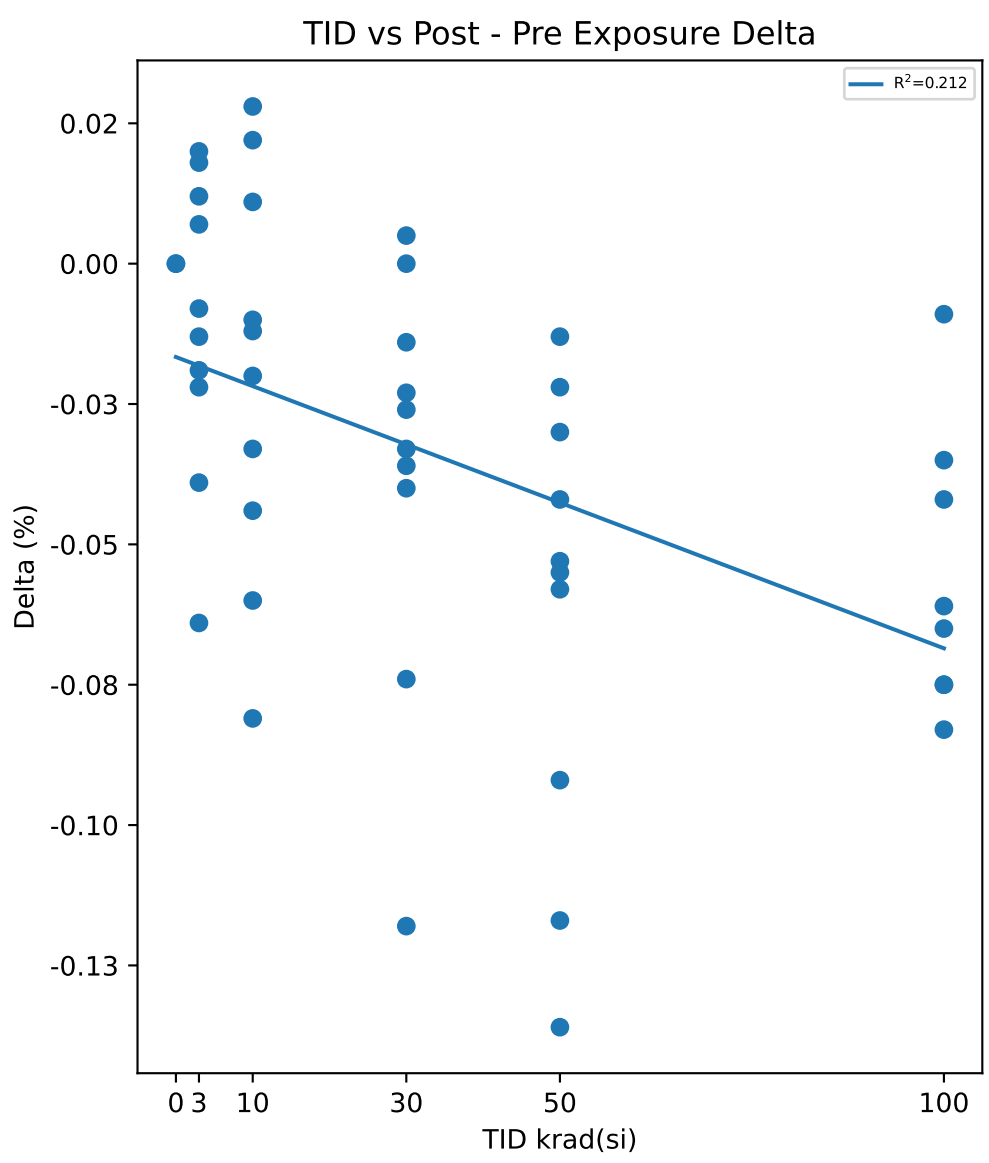
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.002	0.002	0
7	0	Correlation	0.009	0.009	0
16	3	LDR-Biased	0.133	0.007	-0.126
18	3	LDR-Biased	0.131	0.011	-0.12
19	3	LDR-Biased	0.135	-0.005	-0.14
20	3	LDR-Biased	0.111	0.004	-0.107
21	3	LDR-Biased	0.124	0	-0.124
22	3	LDR-Unbiased	0.128	-0.003	-0.131
23	3	LDR-Unbiased	0.131	0.005	-0.126
25	3	LDR-Unbiased	0.114	-0.003	-0.117
26	3	LDR-Unbiased	0.137	0.018	-0.119
27	3	LDR-Unbiased	0.123	-0.007	-0.13
46	10	LDR-Biased	0.133	-0.146	-0.279
48	10	LDR-Biased	0.131	-0.155	-0.286
49	10	LDR-Biased	0.135	-0.154	-0.289
50	10	LDR-Biased	0.111	-0.155	-0.266
51	10	LDR-Biased	0.124	-0.152	-0.276
52	10	LDR-Unbiased	0.128	-0.12	-0.248
53	10	LDR-Unbiased	0.131	-0.134	-0.265
55	10	LDR-Unbiased	0.114	-0.159	-0.273
56	10	LDR-Unbiased	0.137	-0.151	-0.288
57	10	LDR-Unbiased	0.123	-0.146	-0.269
76	30	LDR-Biased	0.133	0.015	-0.118
78	30	LDR-Biased	0.131	0.012	-0.119
79	30	LDR-Biased	0.135	0.021	-0.114
80	30	LDR-Biased	0.111	0.016	-0.095
81	30	LDR-Biased	0.124	0.019	-0.105
82	30	LDR-Unbiased	0.128	0.02	-0.108
83	30	LDR-Unbiased	0.131	0.022	-0.109
84	30	LDR-Unbiased	0.123	0.04	-0.083
85	30	LDR-Unbiased	0.114	0.031	-0.083
86	30	LDR-Unbiased	0.137	0.018	-0.119
87	100	LDR-Biased	0.136	0.04	-0.096
88	100	LDR-Biased	0.133	0.037	-0.096
90	100	LDR-Biased	0.111	0.048	-0.063
91	100	LDR-Unbiased	0.12	0.053	-0.067
93	100	LDR-Unbiased	0.135	0.031	-0.104
94	100	LDR-Unbiased	0.106	0.013	-0.093
95	100	LDR-Unbiased	0.122	0.04	-0.082
96	100	LDR-Unbiased	0.125	0.052	-0.073
106	50	LDR-Biased	0.133	-0.059	-0.192
108	50	LDR-Biased	0.131	-0.047	-0.178
109	50	LDR-Biased	0.135	-0.048	-0.183
110	50	LDR-Biased	0.111	-0.074	-0.185
111	50	LDR-Biased	0.124	-0.066	-0.19
112	50	LDR-Unbiased	0.128	-0.043	-0.171
113	50	LDR-Unbiased	0.131	-0.049	-0.18
115	50	LDR-Unbiased	0.114	-0.046	-0.16
116	50	LDR-Unbiased	0.137	-0.047	-0.184
117	50	LDR-Unbiased	0.123	-0.066	-0.189

Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.002	0.0055	0.009	0.0049497	0.002	0.0055	0.009	0.0049497	0	0	0	0
3	0.111	0.1267	0.137	0.0087057	-0.007	0.0027	0.018	0.0078464	-0.14	-0.124	-0.107	0.0089938
10	0.111	0.1267	0.137	0.0087057	-0.159	-0.1472	-0.12	0.01184	-0.289	-0.2739	-0.248	0.012653
30	0.111	0.1267	0.137	0.0087057	0.012	0.0214	0.04	0.0082758	-0.119	-0.1053	-0.083	0.013881
50	0.111	0.1267	0.137	0.0087057	-0.074	-0.0545	-0.043	0.010824	-0.192	-0.1812	-0.16	0.0096931
100	0.106	0.1235	0.136	0.011071	0.013	0.03925	0.053	0.013047	-0.104	-0.08425	-0.063	0.015229

Device Test: 6.120 VOL_10mA_EN3/EN3/7/14/0/0/10/@VOL_EN_10MA





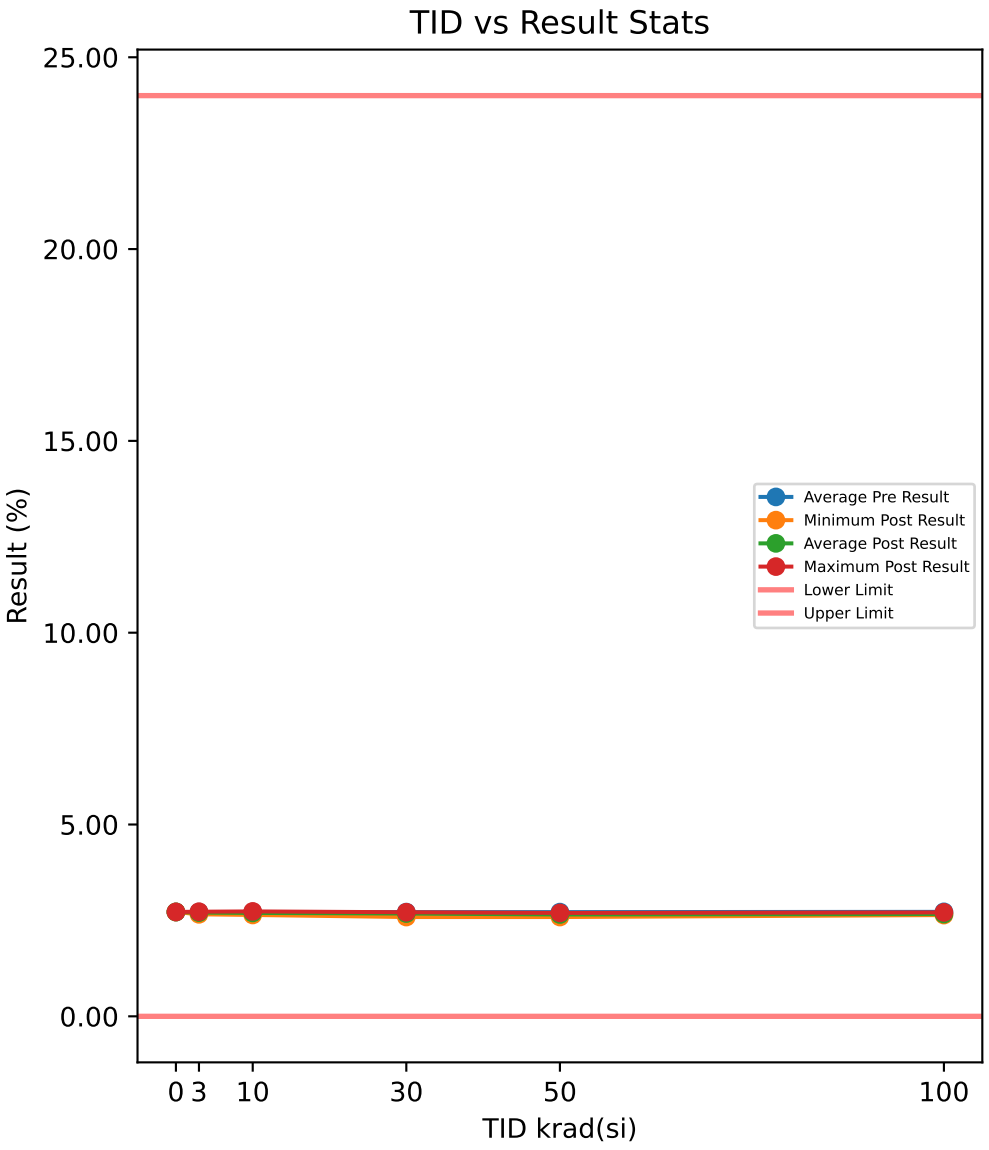
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

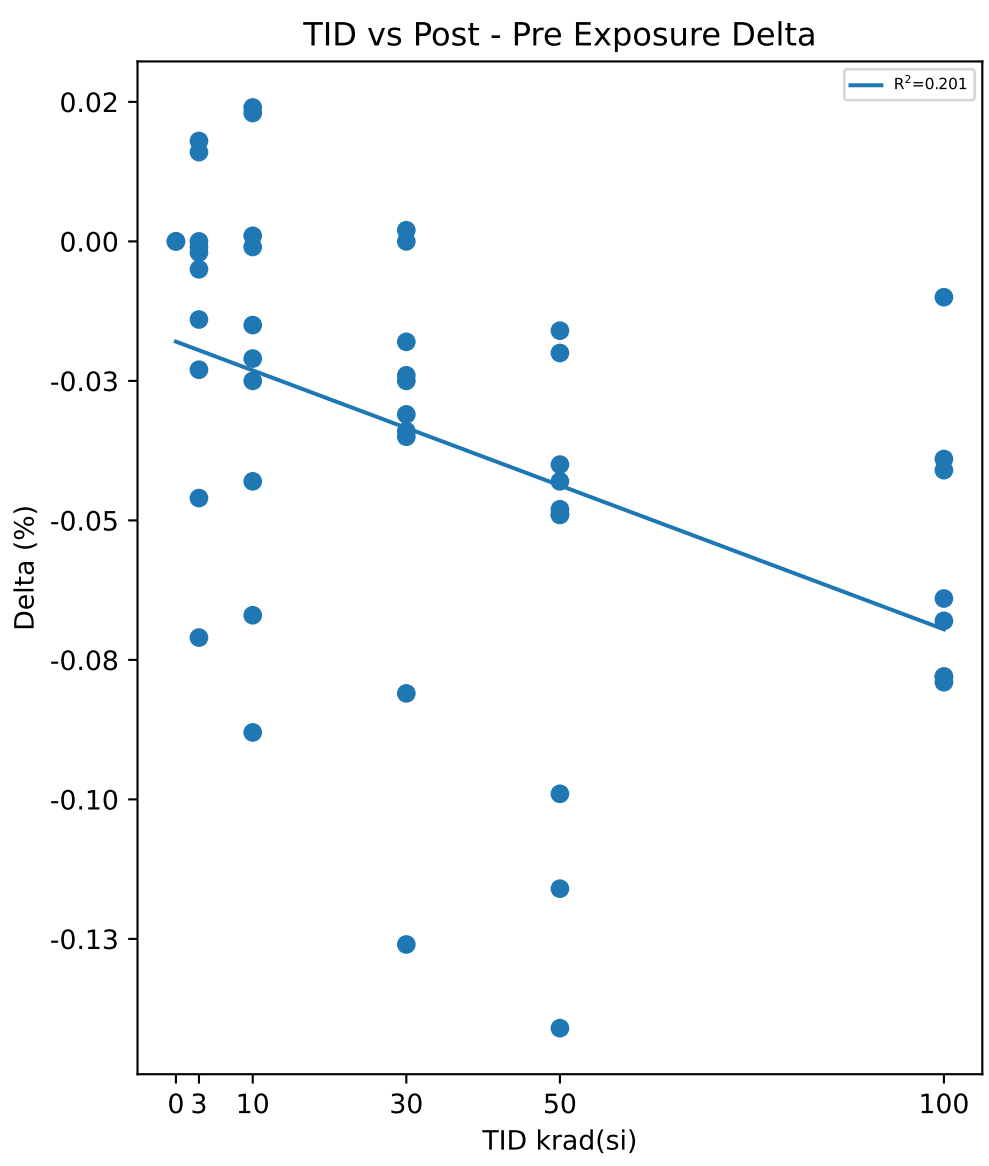
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.802	2.802	0
7	0	Correlation	2.808	2.808	0
16	3	LDR-Biased	2.815	2.751	-0.064
18	3	LDR-Biased	2.795	2.756	-0.039
19	3	LDR-Biased	2.813	2.805	-0.008
20	3	LDR-Biased	2.792	2.77	-0.022
21	3	LDR-Biased	2.808	2.815	0.007
22	3	LDR-Unbiased	2.785	2.805	0.02
23	3	LDR-Unbiased	2.796	2.814	0.018
25	3	LDR-Unbiased	2.8	2.787	-0.013
26	3	LDR-Unbiased	2.823	2.804	-0.019
27	3	LDR-Unbiased	2.796	2.808	0.012
46	10	LDR-Biased	2.815	2.734	-0.081
48	10	LDR-Biased	2.795	2.735	-0.06
49	10	LDR-Biased	2.813	2.78	-0.033
50	10	LDR-Biased	2.792	2.748	-0.044
51	10	LDR-Biased	2.808	2.796	-0.012
52	10	LDR-Unbiased	2.785	2.813	0.028
53	10	LDR-Unbiased	2.796	2.818	0.022
55	10	LDR-Unbiased	2.8	2.79	-0.01
56	10	LDR-Unbiased	2.823	2.803	-0.02
57	10	LDR-Unbiased	2.796	2.807	0.011
76	30	LDR-Biased	2.815	2.741	-0.074
78	30	LDR-Biased	2.795	2.677	-0.118
79	30	LDR-Biased	2.813	2.787	-0.026
80	30	LDR-Biased	2.792	2.756	-0.036
81	30	LDR-Biased	2.808	2.785	-0.023
82	30	LDR-Unbiased	2.785	2.79	0.005
83	30	LDR-Unbiased	2.796	2.796	0
84	30	LDR-Unbiased	2.796	2.782	-0.014
85	30	LDR-Unbiased	2.8	2.767	-0.033
86	30	LDR-Unbiased	2.823	2.783	-0.04
87	100	LDR-Biased	2.824	2.741	-0.083
88	100	LDR-Biased	2.83	2.788	-0.042
90	100	LDR-Biased	2.8	2.791	-0.009
91	100	LDR-Unbiased	2.778	2.717	-0.061
93	100	LDR-Unbiased	2.809	2.744	-0.065
94	100	LDR-Unbiased	2.818	2.743	-0.075
95	100	LDR-Unbiased	2.787	2.752	-0.035
96	100	LDR-Unbiased	2.797	2.722	-0.075
106	50	LDR-Biased	2.815	2.679	-0.136
108	50	LDR-Biased	2.795	2.703	-0.092
109	50	LDR-Biased	2.813	2.755	-0.058
110	50	LDR-Biased	2.792	2.675	-0.117
111	50	LDR-Biased	2.808	2.766	-0.042
112	50	LDR-Unbiased	2.785	2.772	-0.013
113	50	LDR-Unbiased	2.796	2.774	-0.022
115	50	LDR-Unbiased	2.8	2.747	-0.053
116	50	LDR-Unbiased	2.823	2.768	-0.055
117	50	LDR-Unbiased	2.796	2.766	-0.03

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.802	2.805	2.808	0.0042426	2.802	2.805	2.808	0.0042426	0	0	0	0
3	2.785	2.8023	2.823	0.011926	2.751	2.7915	2.815	0.024117	-0.064	-0.0108	0.02	0.026761
10	2.785	2.8023	2.823	0.011926	2.734	2.7824	2.818	0.032067	-0.081	-0.0199	0.028	0.035369
30	2.785	2.8023	2.823	0.011926	2.677	2.7664	2.796	0.035697	-0.118	-0.0359	0.005	0.036397
50	2.785	2.8023	2.823	0.011926	2.675	2.7405	2.774	0.039303	-0.136	-0.0618	-0.013	0.040786
100	2.778	2.8054	2.83	0.018173	2.717	2.7498	2.791	0.02717	-0.083	-0.055625	-0.009	0.025077

Device Test: 6.121 VOL_10mA_EN4/EN4/7/14/0/0/10/@VOL_EN_10MA





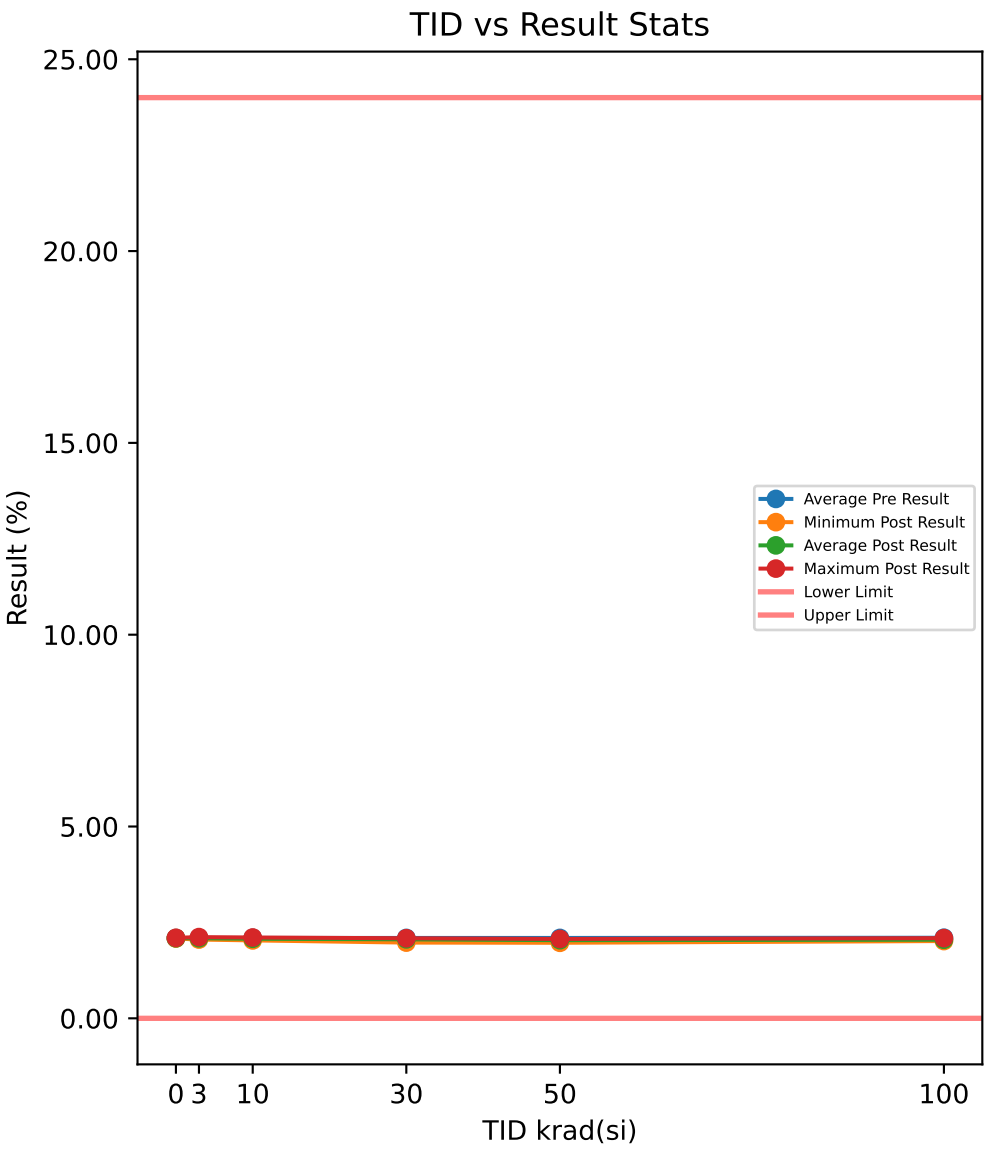
Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.719	2.719	0
7	0	Correlation	2.721	2.721	0
16	3	LDR-Biased	2.73	2.659	-0.071
18	3	LDR-Biased	2.714	2.668	-0.046
19	3	LDR-Biased	2.719	2.718	-0.001
20	3	LDR-Biased	2.704	2.681	-0.023
21	3	LDR-Biased	2.726	2.724	-0.002
22	3	LDR-Unbiased	2.711	2.727	0.016
23	3	LDR-Unbiased	2.705	2.723	0.018
25	3	LDR-Unbiased	2.708	2.703	-0.005
26	3	LDR-Unbiased	2.733	2.719	-0.014
27	3	LDR-Unbiased	2.715	2.715	0
46	10	LDR-Biased	2.73	2.642	-0.088
48	10	LDR-Biased	2.714	2.647	-0.067
49	10	LDR-Biased	2.719	2.694	-0.025
50	10	LDR-Biased	2.704	2.661	-0.043
51	10	LDR-Biased	2.726	2.705	-0.021
52	10	LDR-Unbiased	2.711	2.735	0.024
53	10	LDR-Unbiased	2.705	2.728	0.023
55	10	LDR-Unbiased	2.708	2.707	-0.001
56	10	LDR-Unbiased	2.733	2.718	-0.015
57	10	LDR-Unbiased	2.715	2.716	0.001
76	30	LDR-Biased	2.73	2.649	-0.081
78	30	LDR-Biased	2.714	2.588	-0.126
79	30	LDR-Biased	2.719	2.701	-0.018
80	30	LDR-Biased	2.704	2.67	-0.034
81	30	LDR-Biased	2.726	2.695	-0.031
82	30	LDR-Unbiased	2.711	2.713	0.002
83	30	LDR-Unbiased	2.705	2.705	0
84	30	LDR-Unbiased	2.715	2.69	-0.025
85	30	LDR-Unbiased	2.708	2.684	-0.024
86	30	LDR-Unbiased	2.733	2.698	-0.035
87	100	LDR-Biased	2.738	2.659	-0.079
88	100	LDR-Biased	2.745	2.706	-0.039
90	100	LDR-Biased	2.719	2.709	-0.01
91	100	LDR-Unbiased	2.704	2.64	-0.064
93	100	LDR-Unbiased	2.727	2.659	-0.068
94	100	LDR-Unbiased	2.733	2.655	-0.078
95	100	LDR-Unbiased	2.704	2.663	-0.041
96	100	LDR-Unbiased	2.717	2.639	-0.078
106	50	LDR-Biased	2.73	2.589	-0.141
108	50	LDR-Biased	2.714	2.615	-0.099
109	50	LDR-Biased	2.719	2.67	-0.049
110	50	LDR-Biased	2.704	2.588	-0.116
111	50	LDR-Biased	2.726	2.677	-0.049
112	50	LDR-Unbiased	2.711	2.695	-0.016
113	50	LDR-Unbiased	2.705	2.685	-0.02
115	50	LDR-Unbiased	2.708	2.665	-0.043
116	50	LDR-Unbiased	2.733	2.685	-0.048
117	50	LDR-Unbiased	2.715	2.675	-0.04

Test Statistics (%)

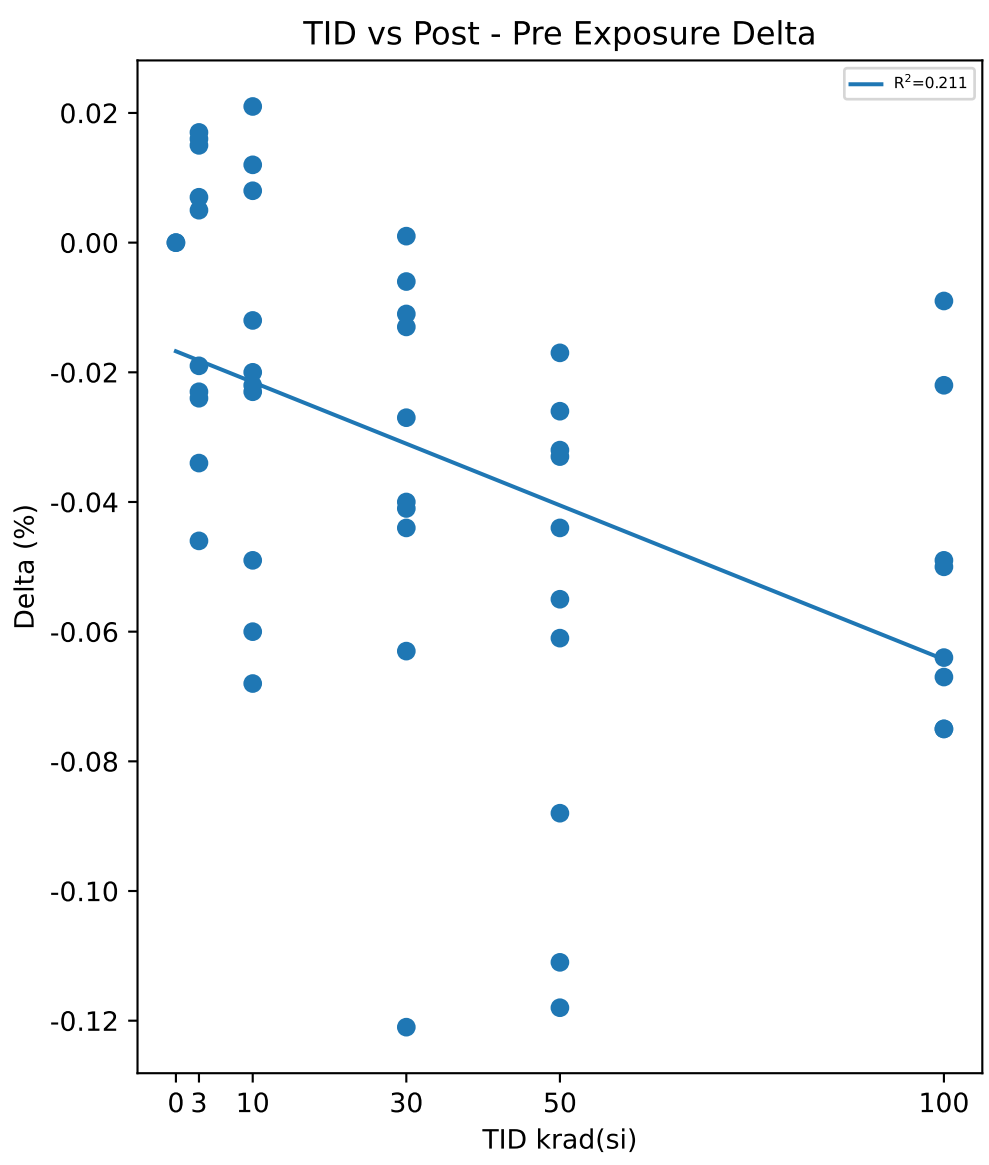
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.719	2.72	2.721	0.0014142	2.719	2.72	2.721	0.0014142	0	0	0	0
3	2.704	2.7165	2.733	0.010277	2.659	2.7037	2.727	0.025127	-0.071	-0.0128	0.018	0.027595
10	2.704	2.7165	2.733	0.010277	2.642	2.6953	2.735	0.033619	-0.088	-0.0212	0.024	0.036493
30	2.704	2.7165	2.733	0.010277	2.588	2.6793	2.713	0.037029	-0.126	-0.0372	0.002	0.038686
50	2.704	2.7165	2.733	0.010277	2.588	2.6544	2.695	0.040893	-0.141	-0.0621	-0.016	0.041879
100	2.704	2.7234	2.745	0.015109	2.639	2.6662	2.709	0.026943	-0.079	-0.057125	-0.01	0.024856

Device Test: 6.122 VOL_10mA_SEQ/SEQ_DONE/7/14/0/0/10/@VOL_SEQ_DONE_10MA



Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

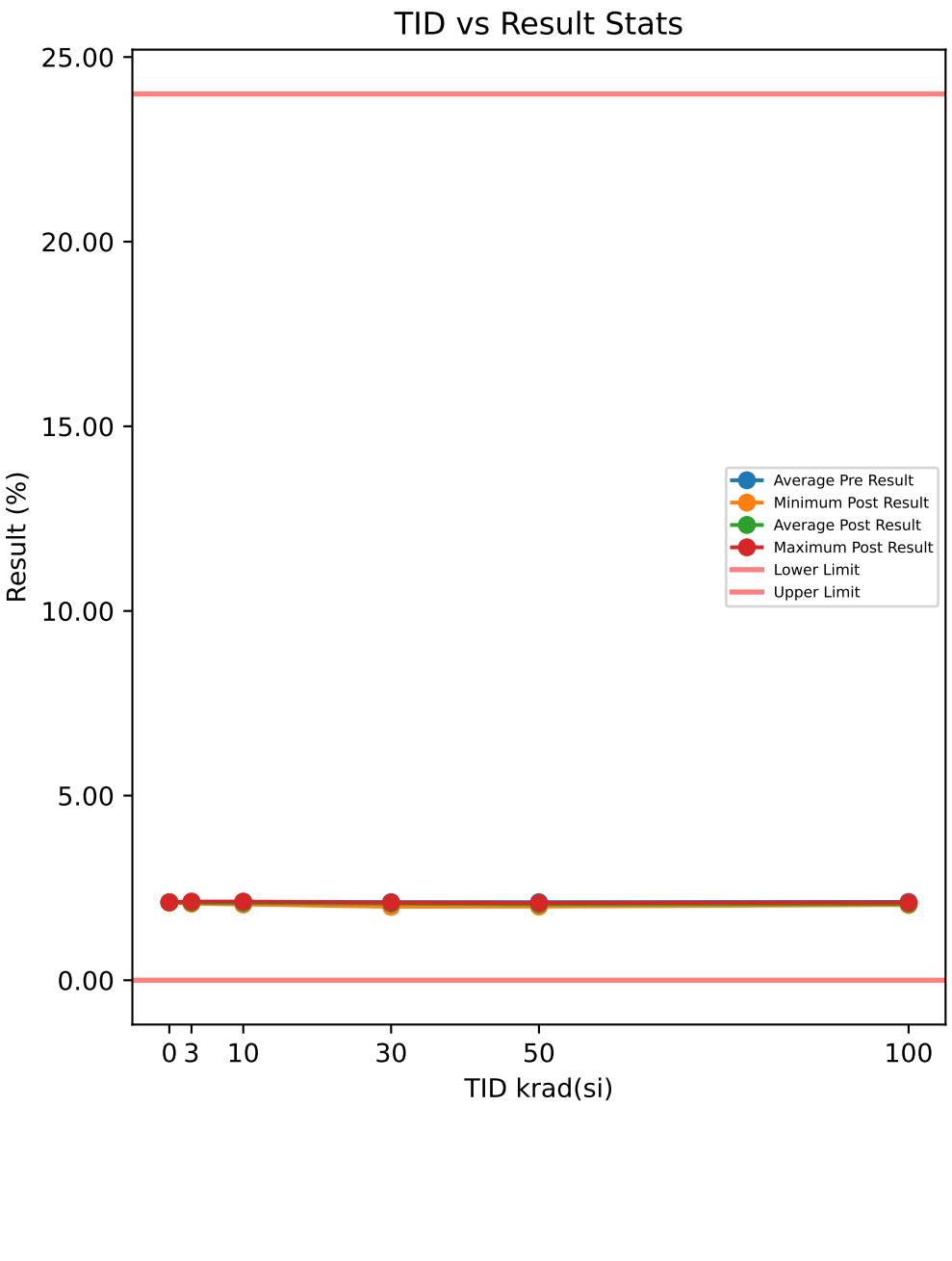
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.099	2.099	0
7	0	Correlation	2.08	2.08	0
16	3	LDR-Biased	2.099	2.053	-0.046
18	3	LDR-Biased	2.095	2.061	-0.034
19	3	LDR-Biased	2.088	2.104	0.016
20	3	LDR-Biased	2.087	2.063	-0.024
21	3	LDR-Biased	2.112	2.117	0.005
22	3	LDR-Unbiased	2.086	2.103	0.017
23	3	LDR-Unbiased	2.089	2.096	0.007
25	3	LDR-Unbiased	2.091	2.068	-0.023
26	3	LDR-Unbiased	2.116	2.097	-0.019
27	3	LDR-Unbiased	2.091	2.106	0.015
46	10	LDR-Biased	2.099	2.031	-0.068
48	10	LDR-Biased	2.095	2.035	-0.06
49	10	LDR-Biased	2.088	2.076	-0.012
50	10	LDR-Biased	2.087	2.038	-0.049
51	10	LDR-Biased	2.112	2.092	-0.02
52	10	LDR-Unbiased	2.086	2.107	0.021
53	10	LDR-Unbiased	2.089	2.097	0.008
55	10	LDR-Unbiased	2.091	2.068	-0.023
56	10	LDR-Unbiased	2.116	2.094	-0.022
57	10	LDR-Unbiased	2.091	2.103	0.012
76	30	LDR-Biased	2.099	2.036	-0.063
78	30	LDR-Biased	2.095	1.974	-0.121
79	30	LDR-Biased	2.088	2.082	-0.006
80	30	LDR-Biased	2.087	2.047	-0.04
81	30	LDR-Biased	2.112	2.085	-0.027
82	30	LDR-Unbiased	2.086	2.087	0.001
83	30	LDR-Unbiased	2.089	2.076	-0.013
84	30	LDR-Unbiased	2.091	2.08	-0.011
85	30	LDR-Unbiased	2.091	2.047	-0.044
86	30	LDR-Unbiased	2.116	2.075	-0.041
87	100	LDR-Biased	2.12	2.045	-0.075
88	100	LDR-Biased	2.11	2.088	-0.022
90	100	LDR-Biased	2.099	2.09	-0.009
91	100	LDR-Unbiased	2.081	2.014	-0.067
93	100	LDR-Unbiased	2.112	2.037	-0.075
94	100	LDR-Unbiased	2.1	2.051	-0.049
95	100	LDR-Unbiased	2.09	2.04	-0.05
96	100	LDR-Unbiased	2.092	2.028	-0.064
106	50	LDR-Biased	2.099	1.988	-0.111
108	50	LDR-Biased	2.095	2.007	-0.088
109	50	LDR-Biased	2.088	2.055	-0.033
110	50	LDR-Biased	2.087	1.969	-0.118
111	50	LDR-Biased	2.112	2.068	-0.044
112	50	LDR-Unbiased	2.086	2.069	-0.017
113	50	LDR-Unbiased	2.089	2.057	-0.032
115	50	LDR-Unbiased	2.091	2.03	-0.061
116	50	LDR-Unbiased	2.116	2.061	-0.055
117	50	LDR-Unbiased	2.091	2.065	-0.026



Test Statistics (%)

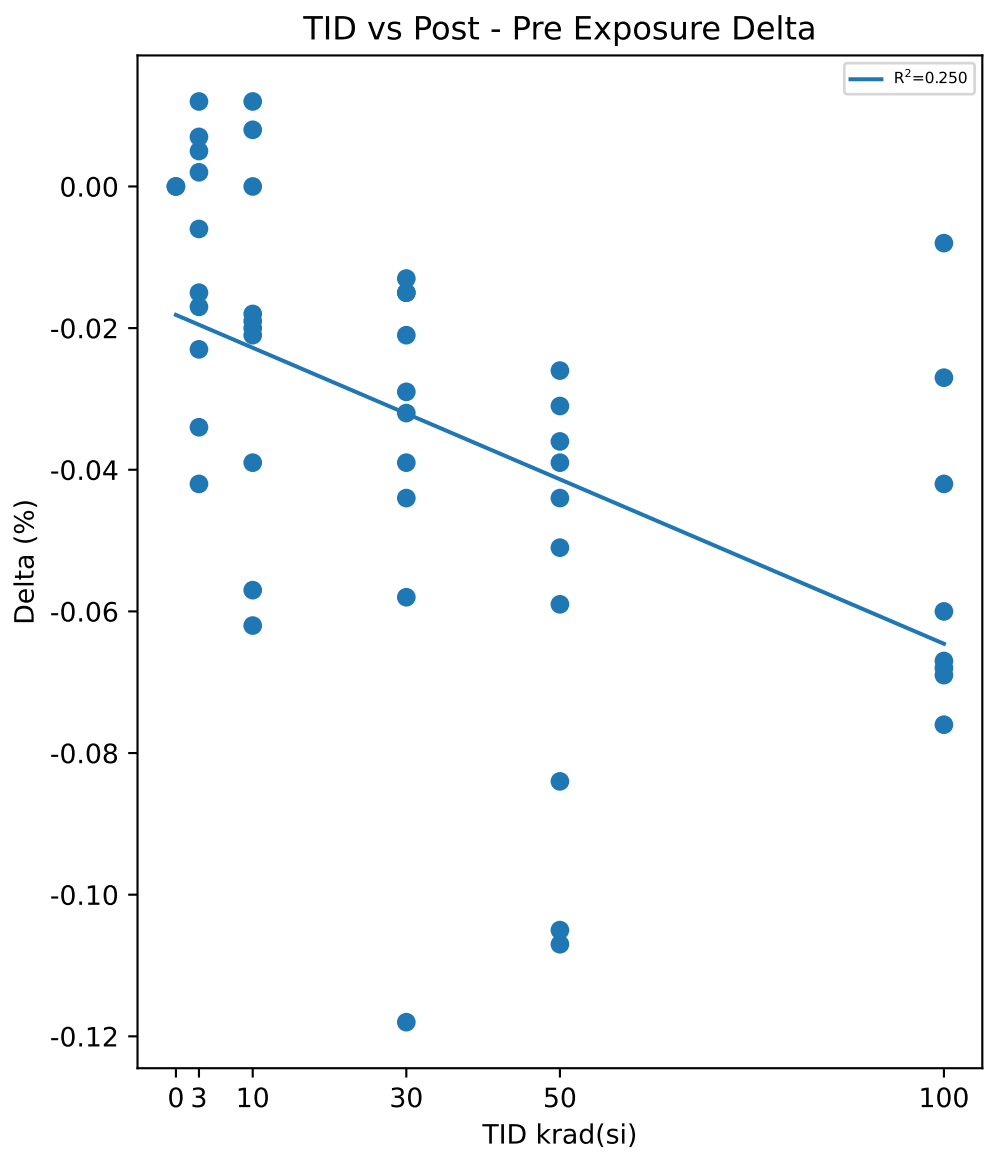
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.08	2.0895	2.099	0.013435	2.08	2.0895	2.099	0.013435	0	0	0	0
3	2.086	2.0954	2.116	0.010575	2.053	2.0868	2.117	0.022987	-0.046	-0.0086	0.017	0.023196
10	2.086	2.0954	2.116	0.010575	2.031	2.0741	2.107	0.029606	-0.068	-0.0213	0.021	0.030357
30	2.086	2.0954	2.116	0.010575	1.974	2.0589	2.087	0.034987	-0.121	-0.0365	0.001	0.03584
50	2.086	2.0954	2.116	0.010575	1.969	2.0369	2.069	0.03658	-0.118	-0.0585	-0.017	0.035787
100	2.081	2.1005	2.12	0.012917	2.014	2.0491	2.09	0.027026	-0.075	-0.051375	-0.009	0.024454

Device Test: 6.123 VOL_10mA_PWRGD/PWRGD/7/14/0/0/10/@VOL_PWRGD_10MA



Test Results (Lower Limit = 0.0, Upper Limit = 24.0 (%))

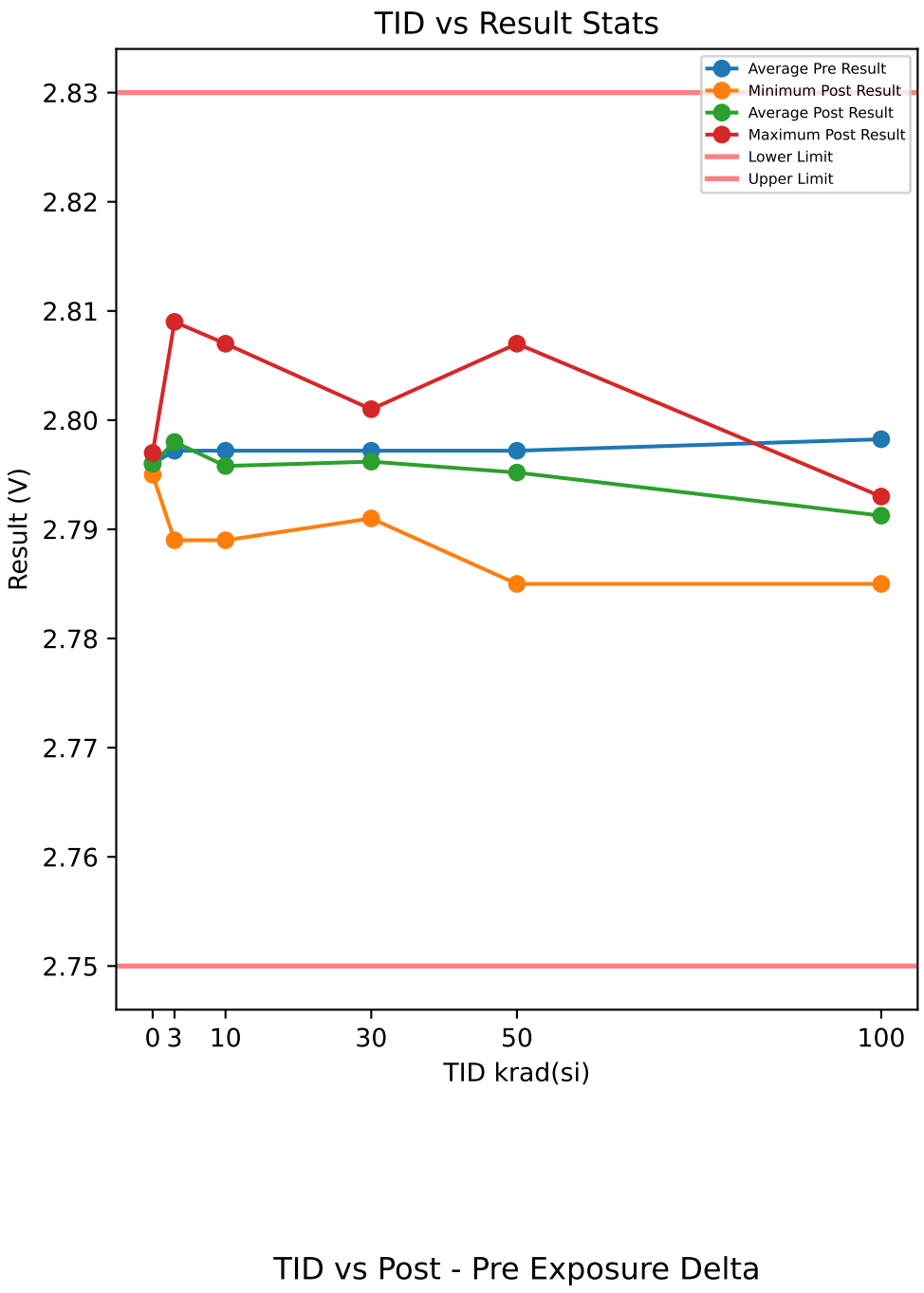
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.112	2.112	0
7	0	Correlation	2.105	2.105	0
16	3	LDR-Biased	2.117	2.075	-0.042
18	3	LDR-Biased	2.108	2.074	-0.034
19	3	LDR-Biased	2.116	2.123	0.007
20	3	LDR-Biased	2.102	2.087	-0.015
21	3	LDR-Biased	2.128	2.13	0.002
22	3	LDR-Unbiased	2.113	2.107	-0.006
23	3	LDR-Unbiased	2.107	2.112	0.005
25	3	LDR-Unbiased	2.112	2.089	-0.023
26	3	LDR-Unbiased	2.128	2.111	-0.017
27	3	LDR-Unbiased	2.117	2.129	0.012
46	10	LDR-Biased	2.117	2.055	-0.062
48	10	LDR-Biased	2.108	2.051	-0.057
49	10	LDR-Biased	2.116	2.097	-0.019
50	10	LDR-Biased	2.102	2.063	-0.039
51	10	LDR-Biased	2.128	2.108	-0.02
52	10	LDR-Unbiased	2.113	2.113	0
53	10	LDR-Unbiased	2.107	2.115	0.008
55	10	LDR-Unbiased	2.112	2.091	-0.021
56	10	LDR-Unbiased	2.128	2.11	-0.018
57	10	LDR-Unbiased	2.117	2.129	0.012
76	30	LDR-Biased	2.117	2.059	-0.058
78	30	LDR-Biased	2.108	1.99	-0.118
79	30	LDR-Biased	2.116	2.101	-0.015
80	30	LDR-Biased	2.102	2.07	-0.032
81	30	LDR-Biased	2.128	2.099	-0.029
82	30	LDR-Unbiased	2.113	2.092	-0.021
83	30	LDR-Unbiased	2.107	2.092	-0.015
84	30	LDR-Unbiased	2.117	2.104	-0.013
85	30	LDR-Unbiased	2.112	2.068	-0.044
86	30	LDR-Unbiased	2.128	2.089	-0.039
87	100	LDR-Biased	2.127	2.059	-0.068
88	100	LDR-Biased	2.129	2.102	-0.027
90	100	LDR-Biased	2.112	2.104	-0.008
91	100	LDR-Unbiased	2.107	2.038	-0.069
93	100	LDR-Unbiased	2.129	2.053	-0.076
94	100	LDR-Unbiased	2.119	2.077	-0.042
95	100	LDR-Unbiased	2.116	2.056	-0.06
96	100	LDR-Unbiased	2.119	2.052	-0.067
106	50	LDR-Biased	2.117	2.012	-0.105
108	50	LDR-Biased	2.108	2.024	-0.084
109	50	LDR-Biased	2.116	2.077	-0.039
110	50	LDR-Biased	2.102	1.995	-0.107
111	50	LDR-Biased	2.128	2.084	-0.044
112	50	LDR-Unbiased	2.113	2.077	-0.036
113	50	LDR-Unbiased	2.107	2.076	-0.031
115	50	LDR-Unbiased	2.112	2.053	-0.059
116	50	LDR-Unbiased	2.128	2.077	-0.051
117	50	LDR-Unbiased	2.117	2.091	-0.026

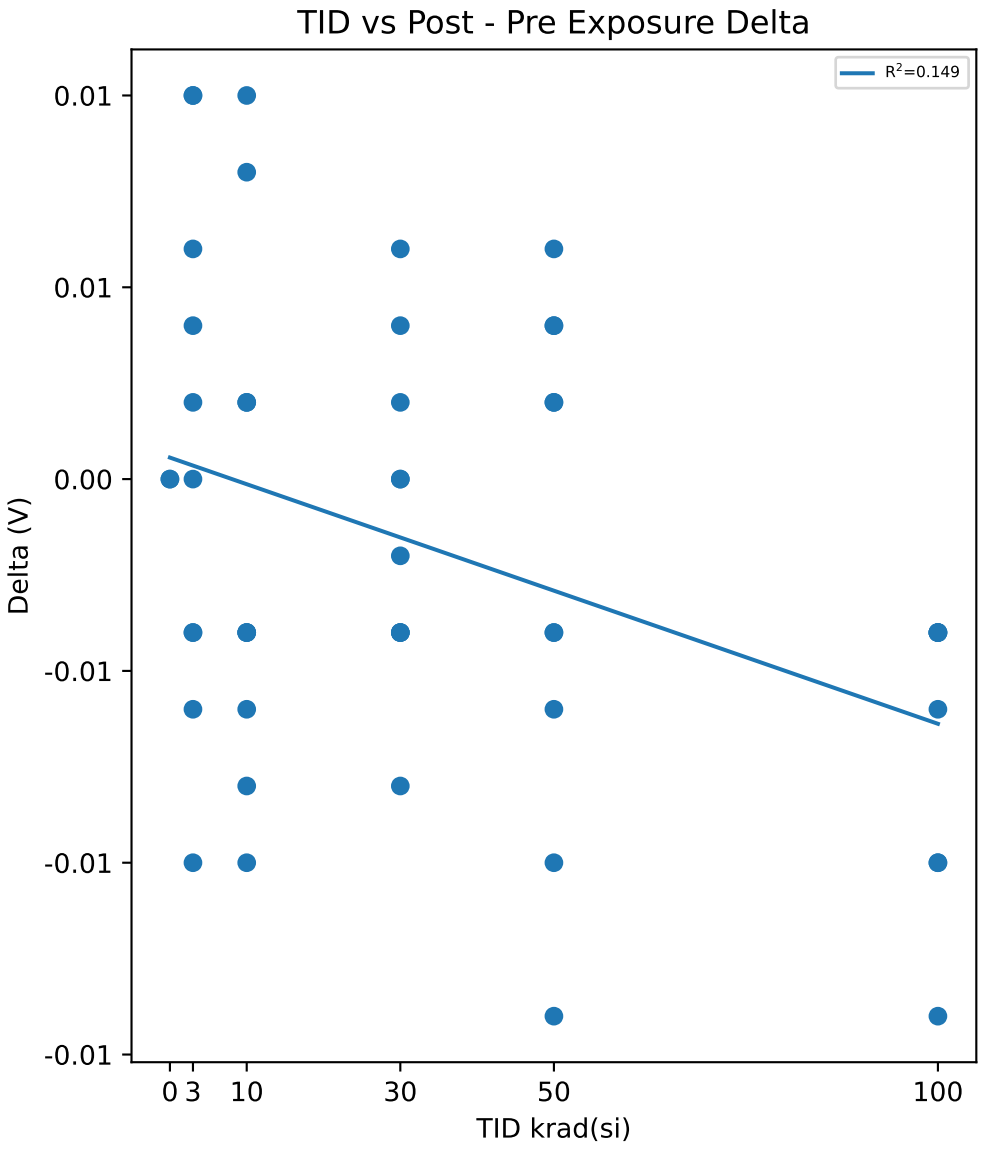


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.105	2.1085	2.112	0.0049497	2.105	2.1085	2.112	0.0049497	0	0	0	0
3	2.102	2.1148	2.128	0.0084433	2.074	2.1037	2.13	0.021182	-0.042	-0.0111	0.012	0.018224
10	2.102	2.1148	2.128	0.0084433	2.051	2.0932	2.129	0.027531	-0.062	-0.0216	0.012	0.025127
30	2.102	2.1148	2.128	0.0084433	1.99	2.0764	2.104	0.033997	-0.118	-0.0384	-0.013	0.03149
50	2.102	2.1148	2.128	0.0084433	1.995	2.0566	2.091	0.034024	-0.107	-0.0582	-0.026	0.030055
100	2.107	2.1198	2.129	0.0081196	2.038	2.0676	2.104	0.024313	-0.076	-0.052125	-0.008	0.024115

Device Test: 6.124 IN_UVLO_RISE/IN///0/0/0/@UVLO_RISE





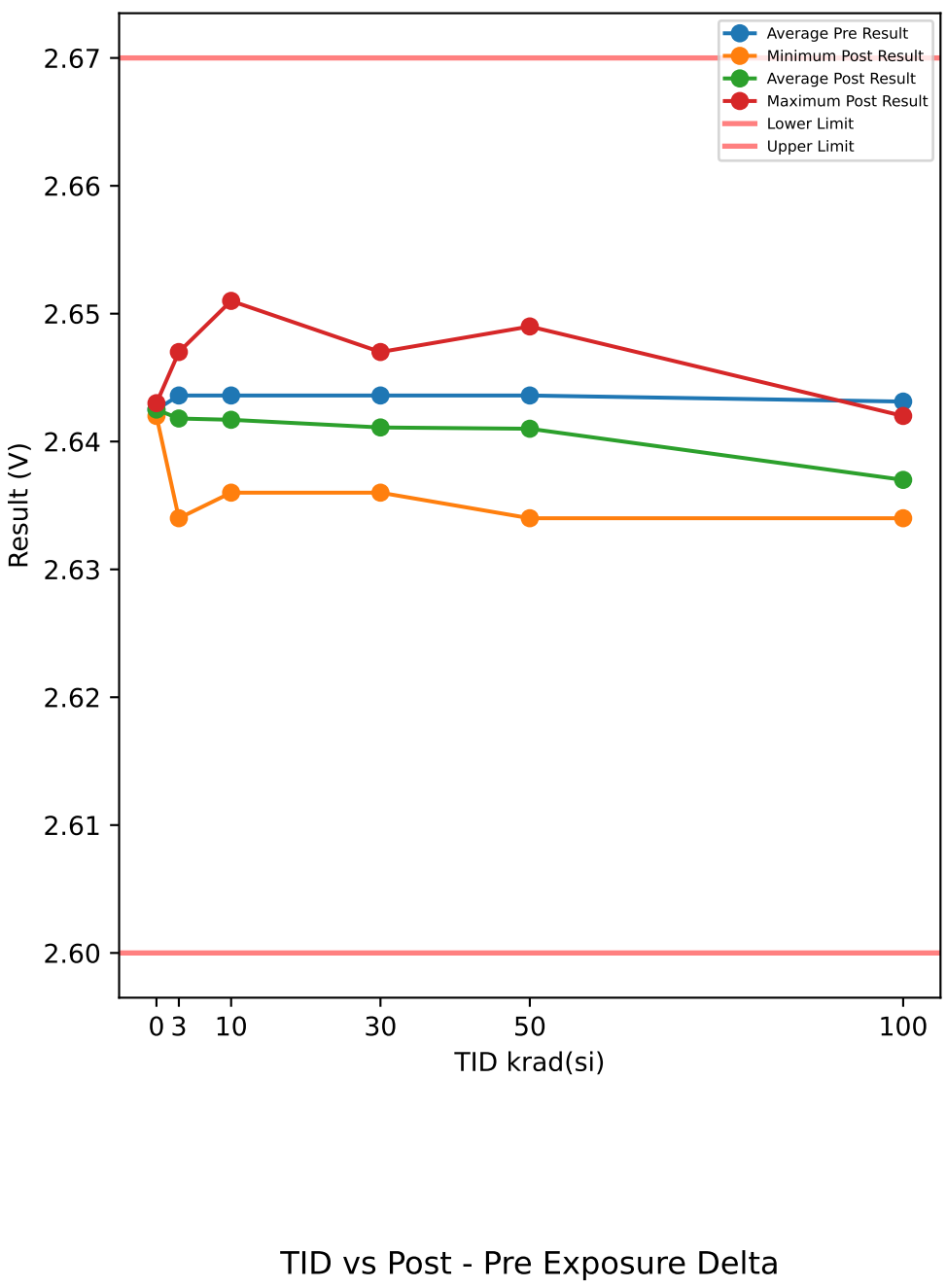
Test Results (Lower Limit = 2.75, Upper Limit = 2.83 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.797	2.797	0
7	0	Correlation	2.795	2.795	0
16	3	LDR-Biased	2.797	2.793	-0.004
18	3	LDR-Biased	2.799	2.793	-0.006
19	3	LDR-Biased	2.797	2.807	0.01
20	3	LDR-Biased	2.787	2.797	0.01
21	3	LDR-Biased	2.799	2.799	0
22	3	LDR-Unbiased	2.803	2.809	0.006
23	3	LDR-Unbiased	2.795	2.797	0.002
25	3	LDR-Unbiased	2.801	2.805	0.004
26	3	LDR-Unbiased	2.795	2.791	-0.004
27	3	LDR-Unbiased	2.799	2.789	-0.01
46	10	LDR-Biased	2.797	2.793	-0.004
48	10	LDR-Biased	2.799	2.793	-0.006
49	10	LDR-Biased	2.797	2.807	0.01
50	10	LDR-Biased	2.787	2.795	0.008
51	10	LDR-Biased	2.799	2.795	-0.004
52	10	LDR-Unbiased	2.803	2.795	-0.008
53	10	LDR-Unbiased	2.795	2.797	0.002
55	10	LDR-Unbiased	2.801	2.803	0.002
56	10	LDR-Unbiased	2.795	2.791	-0.004
57	10	LDR-Unbiased	2.799	2.789	-0.01
76	30	LDR-Biased	2.797	2.793	-0.004
78	30	LDR-Biased	2.799	2.791	-0.008
79	30	LDR-Biased	2.797	2.797	0
80	30	LDR-Biased	2.787	2.793	0.006
81	30	LDR-Biased	2.799	2.795	-0.004
82	30	LDR-Unbiased	2.803	2.801	-0.002
83	30	LDR-Unbiased	2.795	2.799	0.004
84	30	LDR-Unbiased	2.799	2.801	0.002
85	30	LDR-Unbiased	2.801	2.797	-0.004
86	30	LDR-Unbiased	2.795	2.795	0
87	100	LDR-Biased	2.797	2.793	-0.004
88	100	LDR-Biased	2.797	2.793	-0.004
90	100	LDR-Biased	2.799	2.793	-0.006
91	100	LDR-Unbiased	2.801	2.791	-0.01
93	100	LDR-Unbiased	2.799	2.789	-0.01
94	100	LDR-Unbiased	2.799	2.785	-0.014
95	100	LDR-Unbiased	2.797	2.793	-0.004
96	100	LDR-Unbiased	2.797	2.793	-0.004
106	50	LDR-Biased	2.797	2.793	-0.004
108	50	LDR-Biased	2.799	2.789	-0.01
109	50	LDR-Biased	2.797	2.801	0.004
110	50	LDR-Biased	2.787	2.791	0.004
111	50	LDR-Biased	2.799	2.795	-0.004
112	50	LDR-Unbiased	2.803	2.805	0.002
113	50	LDR-Unbiased	2.795	2.797	0.002
115	50	LDR-Unbiased	2.801	2.807	0.006
116	50	LDR-Unbiased	2.795	2.789	-0.006
117	50	LDR-Unbiased	2.799	2.785	-0.014

Test Statistics (V)

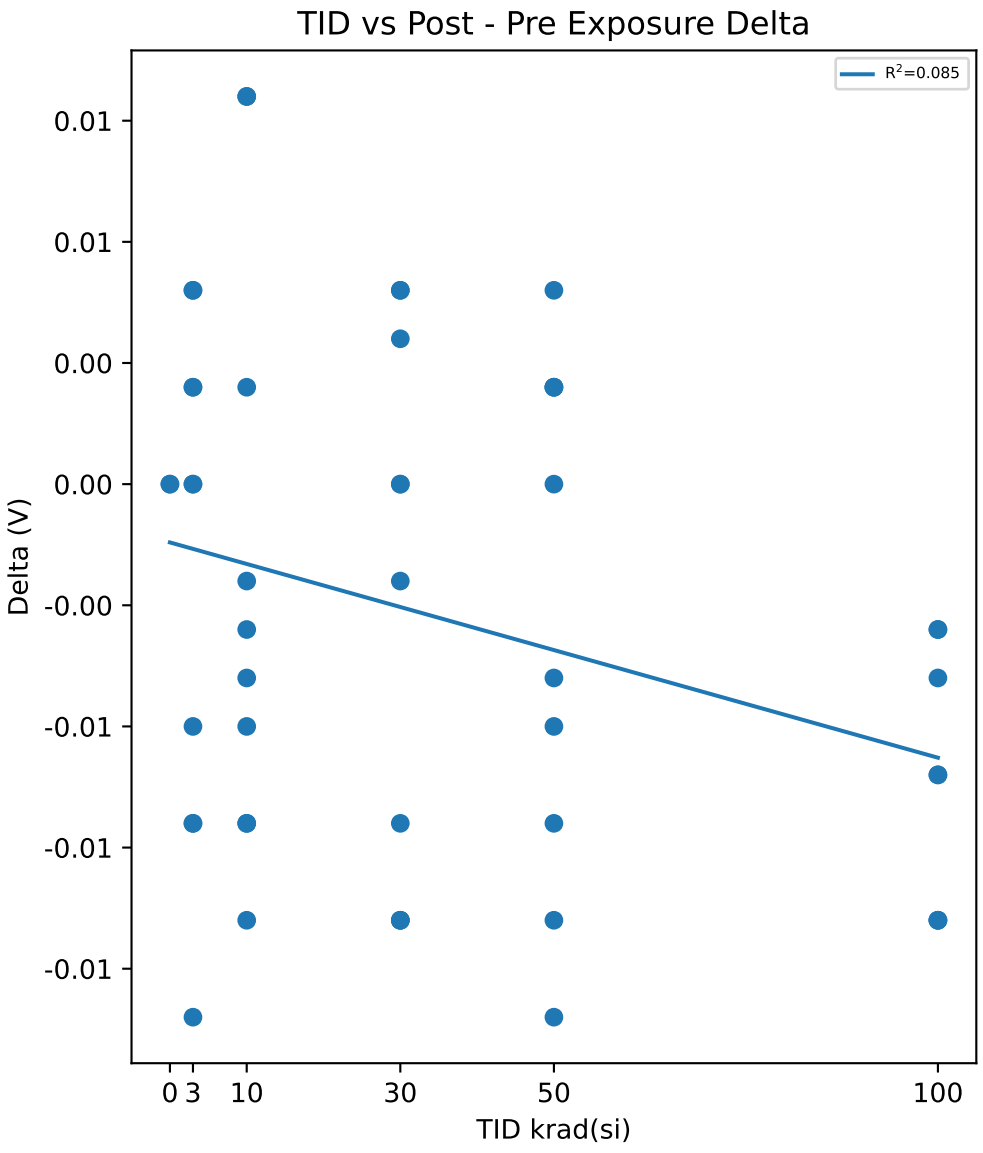
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.795	2.796	2.797	0.0014142	2.795	2.796	2.797	0.0014142	0	0	0	0
3	2.787	2.7972	2.803	0.0043665	2.789	2.798	2.809	0.0069442	-0.01	0.0008	0.01	0.0068118
10	2.787	2.7972	2.803	0.0043665	2.789	2.7958	2.807	0.0054324	-0.01	-0.0014	0.01	0.00667
30	2.787	2.7972	2.803	0.0043665	2.791	2.7962	2.801	0.0034254	-0.008	-0.001	0.006	0.0042426
50	2.787	2.7972	2.803	0.0043665	2.785	2.7952	2.807	0.0072694	-0.014	-0.002	0.006	0.0066667
100	2.797	2.7982	2.801	0.001488	2.785	2.7913	2.793	0.0029155	-0.014	-0.007	-0.004	0.0038545

Device Test: 6.125 IN_UVLO_FALL/IN///0/0/0/@UVLO_FALL



Test Results (Lower Limit = 2.6, Upper Limit = 2.67 (V))

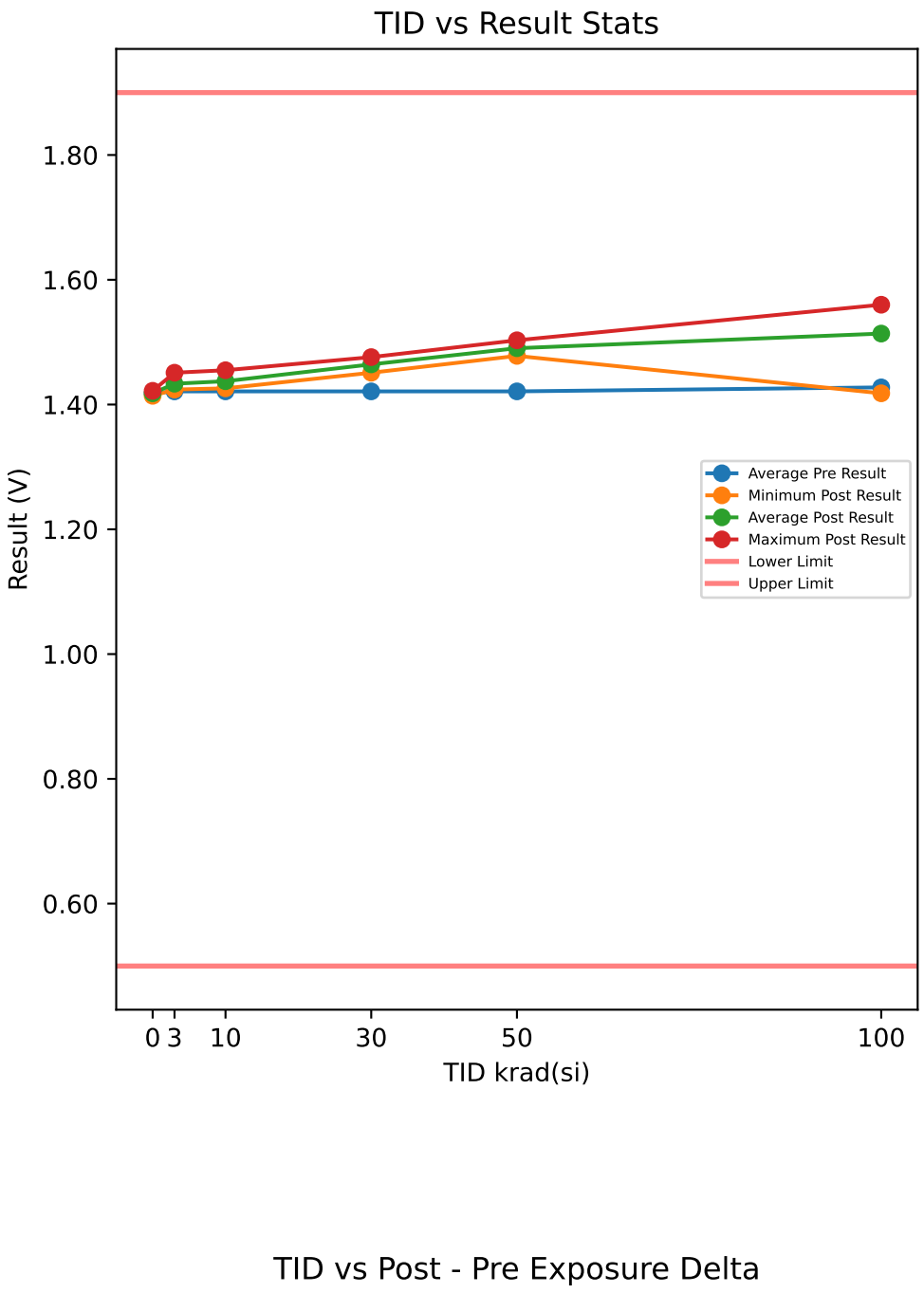
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.642	2.642	0
7	0	Correlation	2.643	2.643	0
16	3	LDR-Biased	2.645	2.634	-0.011
18	3	LDR-Biased	2.645	2.64	-0.005
19	3	LDR-Biased	2.643	2.647	0.004
20	3	LDR-Biased	2.638	2.64	0.002
21	3	LDR-Biased	2.645	2.645	0
22	3	LDR-Unbiased	2.643	2.647	0.004
23	3	LDR-Unbiased	2.647	2.64	-0.007
25	3	LDR-Unbiased	2.645	2.645	0
26	3	LDR-Unbiased	2.645	2.638	-0.007
27	3	LDR-Unbiased	2.64	2.642	0.002
46	10	LDR-Biased	2.645	2.636	-0.009
48	10	LDR-Biased	2.645	2.638	-0.007
49	10	LDR-Biased	2.643	2.651	0.008
50	10	LDR-Biased	2.638	2.64	0.002
51	10	LDR-Biased	2.645	2.642	-0.003
52	10	LDR-Unbiased	2.643	2.651	0.008
53	10	LDR-Unbiased	2.647	2.642	-0.005
55	10	LDR-Unbiased	2.645	2.643	-0.002
56	10	LDR-Unbiased	2.645	2.638	-0.007
57	10	LDR-Unbiased	2.64	2.636	-0.004
76	30	LDR-Biased	2.645	2.636	-0.009
78	30	LDR-Biased	2.645	2.636	-0.009
79	30	LDR-Biased	2.643	2.643	0
80	30	LDR-Biased	2.638	2.642	0.004
81	30	LDR-Biased	2.645	2.643	-0.002
82	30	LDR-Unbiased	2.643	2.647	0.004
83	30	LDR-Unbiased	2.647	2.64	-0.007
84	30	LDR-Unbiased	2.64	2.643	0.003
85	30	LDR-Unbiased	2.645	2.645	0
86	30	LDR-Unbiased	2.645	2.636	-0.009
87	100	LDR-Biased	2.64	2.634	-0.006
88	100	LDR-Biased	2.645	2.642	-0.003
90	100	LDR-Biased	2.645	2.642	-0.003
91	100	LDR-Unbiased	2.643	2.634	-0.009
93	100	LDR-Unbiased	2.645	2.636	-0.009
94	100	LDR-Unbiased	2.645	2.636	-0.009
95	100	LDR-Unbiased	2.642	2.638	-0.004
96	100	LDR-Unbiased	2.64	2.634	-0.006
106	50	LDR-Biased	2.645	2.636	-0.009
108	50	LDR-Biased	2.645	2.64	-0.005
109	50	LDR-Biased	2.643	2.645	0.002
110	50	LDR-Biased	2.638	2.64	0.002
111	50	LDR-Biased	2.645	2.645	0
112	50	LDR-Unbiased	2.643	2.645	0.002
113	50	LDR-Unbiased	2.647	2.64	-0.007
115	50	LDR-Unbiased	2.645	2.649	0.004
116	50	LDR-Unbiased	2.645	2.634	-0.011
117	50	LDR-Unbiased	2.64	2.636	-0.004

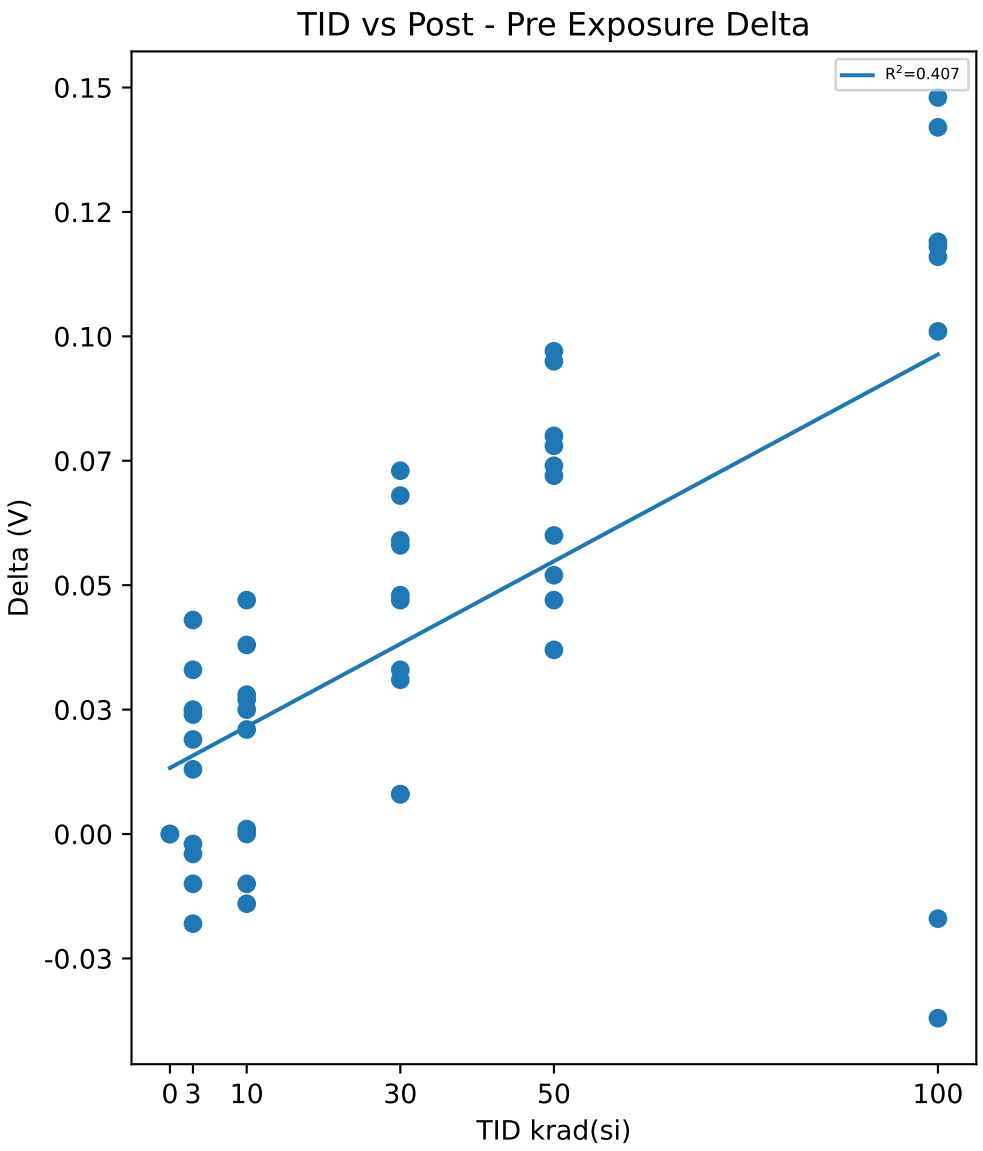


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.642	2.6425	2.643	0.00070711	2.642	2.6425	2.643	0.00070711	0	0	0	0
3	2.638	2.6436	2.647	0.0027162	2.634	2.6418	2.647	0.0042111	-0.011	-0.0018	0.004	0.0052873
10	2.638	2.6436	2.647	0.0027162	2.636	2.6417	2.651	0.0054782	-0.009	-0.0019	0.008	0.0060452
30	2.638	2.6436	2.647	0.0027162	2.636	2.6411	2.647	0.0039567	-0.009	-0.0025	0.004	0.0055227
50	2.638	2.6436	2.647	0.0027162	2.634	2.641	2.649	0.0048762	-0.011	-0.0026	0.004	0.0052957
100	2.64	2.6431	2.645	0.0022321	2.634	2.637	2.642	0.0033806	-0.009	-0.006125	-0.003	0.0026424

Device Test: 6.126 IN_VPOR_RISE_EN1/EN1/1.6//0/0/0/@VIN_VALID





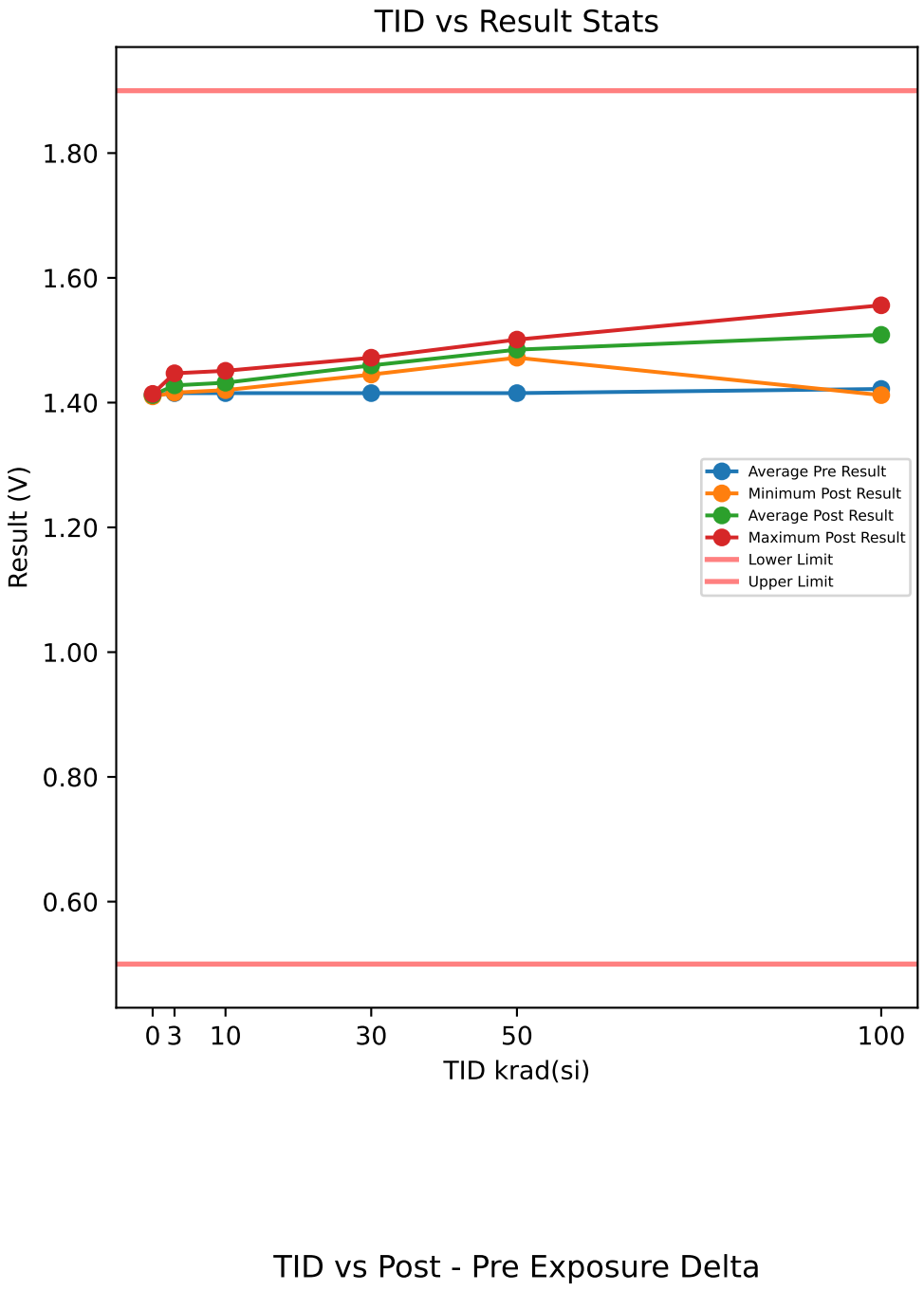
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

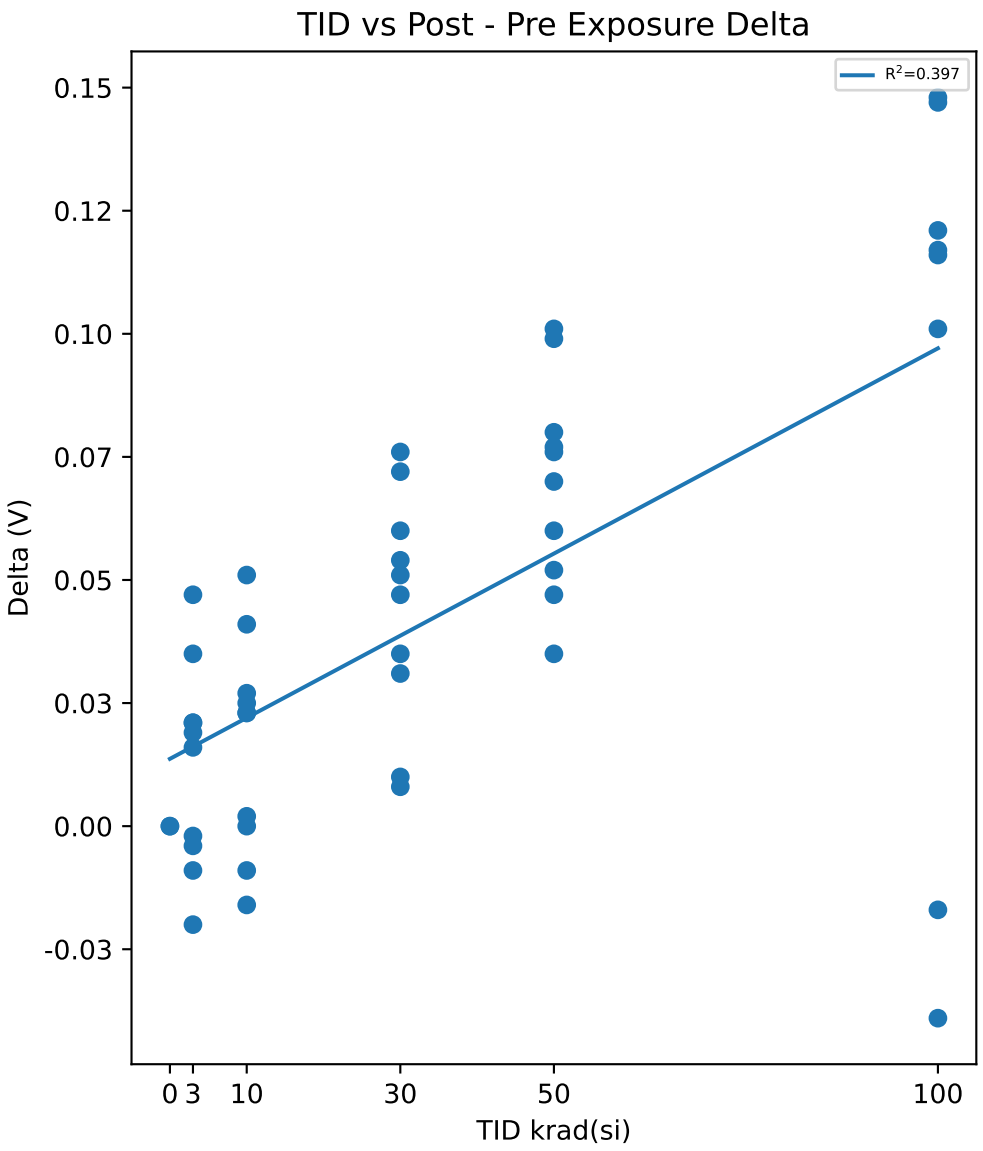
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.414	1.414	0
7	0	Correlation	1.422	1.422	0
16	3	LDR-Biased	1.443	1.433	-0.01
18	3	LDR-Biased	1.457	1.439	-0.018
19	3	LDR-Biased	1.408	1.451	0.043
20	3	LDR-Biased	1.418	1.443	0.025
21	3	LDR-Biased	1.426	1.424	-0.002
22	3	LDR-Unbiased	1.418	1.437	0.019
23	3	LDR-Unbiased	1.43	1.426	-0.004
25	3	LDR-Unbiased	1.393	1.426	0.033
26	3	LDR-Unbiased	1.418	1.431	0.013
27	3	LDR-Unbiased	1.4	1.424	0.024
46	10	LDR-Biased	1.443	1.433	-0.01
48	10	LDR-Biased	1.457	1.443	-0.014
49	10	LDR-Biased	1.408	1.455	0.047
50	10	LDR-Biased	1.418	1.445	0.027
51	10	LDR-Biased	1.426	1.426	0
52	10	LDR-Unbiased	1.418	1.443	0.025
53	10	LDR-Unbiased	1.43	1.431	0.001
55	10	LDR-Unbiased	1.393	1.431	0.038
56	10	LDR-Unbiased	1.418	1.439	0.021
57	10	LDR-Unbiased	1.4	1.428	0.028
76	30	LDR-Biased	1.443	1.451	0.008
78	30	LDR-Biased	1.457	1.465	0.008
79	30	LDR-Biased	1.408	1.476	0.068
80	30	LDR-Biased	1.418	1.466	0.048
81	30	LDR-Biased	1.426	1.457	0.031
82	30	LDR-Unbiased	1.418	1.476	0.058
83	30	LDR-Unbiased	1.43	1.463	0.033
84	30	LDR-Unbiased	1.4	1.459	0.059
85	30	LDR-Unbiased	1.393	1.466	0.073
86	30	LDR-Unbiased	1.418	1.465	0.047
87	100	LDR-Biased	1.406	1.548	0.142
88	100	LDR-Biased	1.437	1.42	-0.017
90	100	LDR-Biased	1.455	1.418	-0.037
91	100	LDR-Unbiased	1.42	1.536	0.116
93	100	LDR-Unbiased	1.424	1.542	0.118
94	100	LDR-Unbiased	1.441	1.56	0.119
95	100	LDR-Unbiased	1.437	1.538	0.101
96	100	LDR-Unbiased	1.4	1.548	0.148
106	50	LDR-Biased	1.443	1.49	0.047
108	50	LDR-Biased	1.457	1.494	0.037
109	50	LDR-Biased	1.408	1.503	0.095
110	50	LDR-Biased	1.418	1.49	0.072
111	50	LDR-Biased	1.426	1.478	0.052
112	50	LDR-Unbiased	1.418	1.496	0.078
113	50	LDR-Unbiased	1.43	1.49	0.06
115	50	LDR-Unbiased	1.393	1.49	0.097
116	50	LDR-Unbiased	1.418	1.492	0.074
117	50	LDR-Unbiased	1.4	1.48	0.08

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.414	1.418	1.422	0.0056569	1.414	1.418	1.422	0.0056569	0	0	0	0
3	1.393	1.4211	1.457	0.019169	1.424	1.4334	1.451	0.0090578	-0.018	0.0123	0.043	0.02
10	1.393	1.4211	1.457	0.019169	1.426	1.4374	1.455	0.0091433	-0.014	0.0163	0.047	0.020742
30	1.393	1.4211	1.457	0.019169	1.451	1.4644	1.476	0.0077488	0.008	0.0433	0.073	0.022949
50	1.393	1.4211	1.457	0.019169	1.478	1.4903	1.503	0.0072119	0.037	0.0692	0.097	0.019927
100	1.4	1.4275	1.455	0.01854	1.418	1.5137	1.56	0.058947	-0.037	0.08625	0.148	0.071669

Device Test: 6.127 IN_VPOR_RISE_EN2/EN2/1.6//0/0/0/@VIN_VALID





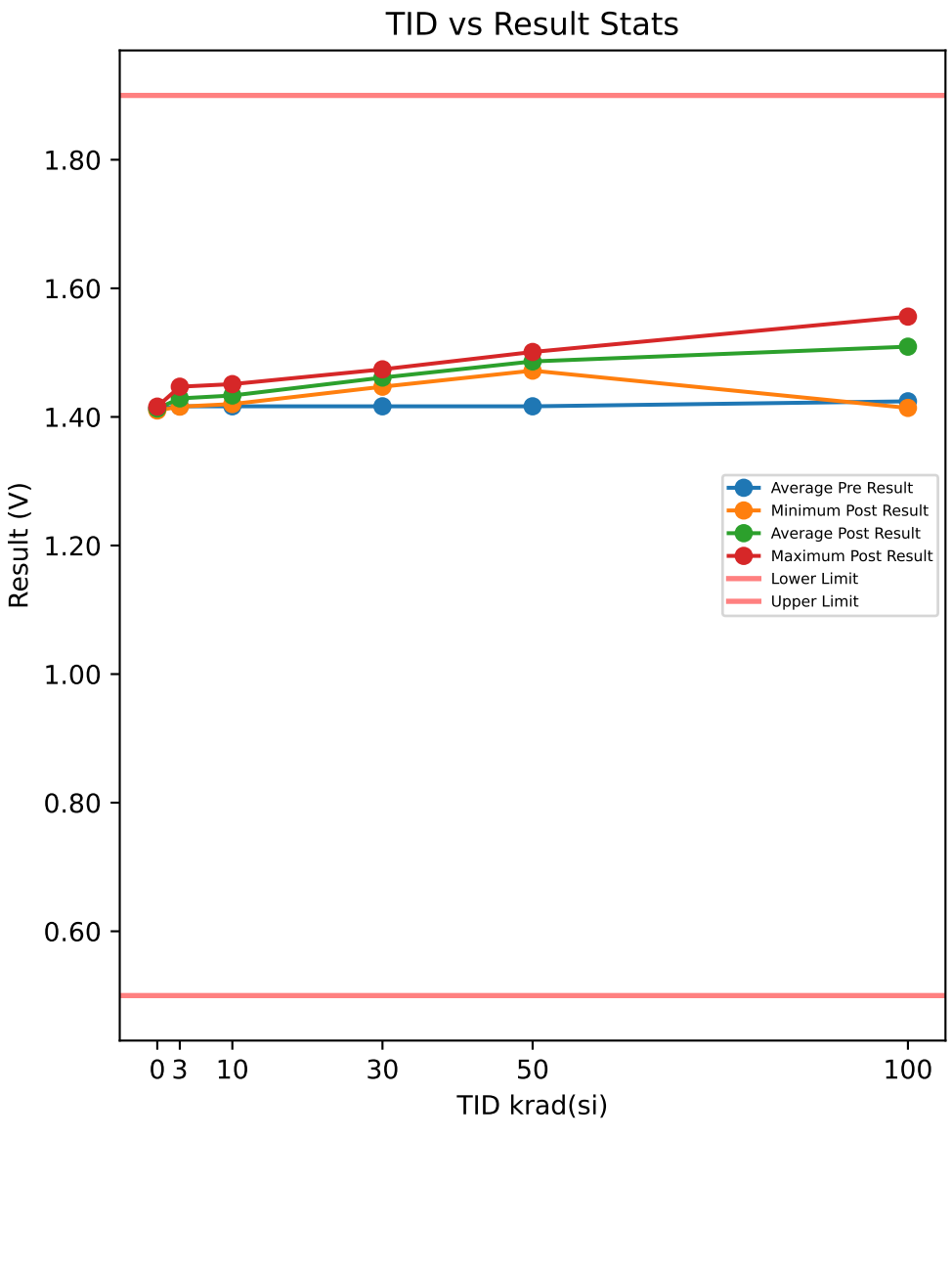
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

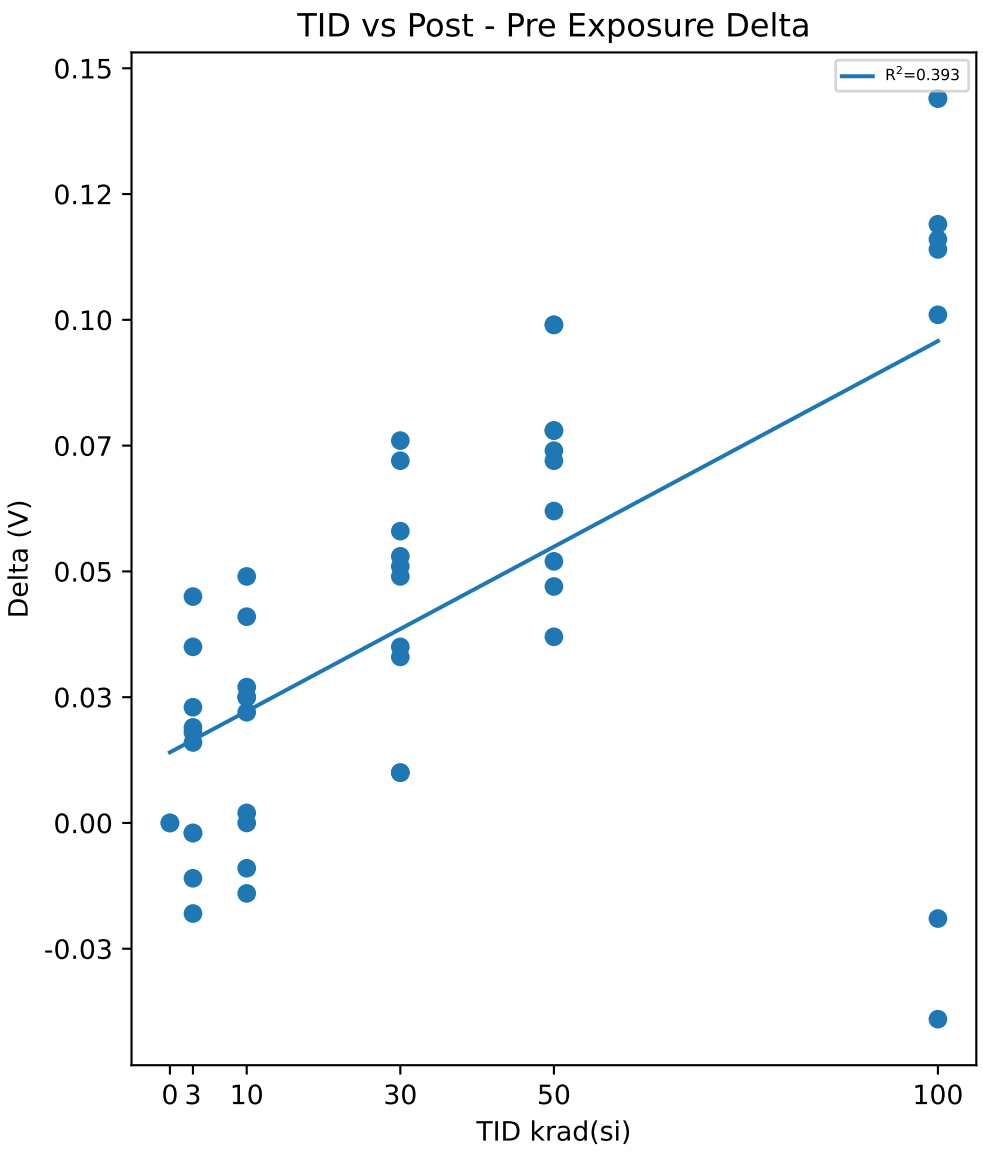
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.41	1.41	0
7	0	Correlation	1.414	1.414	0
16	3	LDR-Biased	1.435	1.426	-0.009
18	3	LDR-Biased	1.453	1.433	-0.02
19	3	LDR-Biased	1.4	1.447	0.047
20	3	LDR-Biased	1.414	1.435	0.021
21	3	LDR-Biased	1.42	1.418	-0.002
22	3	LDR-Unbiased	1.412	1.433	0.021
23	3	LDR-Unbiased	1.426	1.422	-0.004
25	3	LDR-Unbiased	1.385	1.42	0.035
26	3	LDR-Unbiased	1.41	1.426	0.016
27	3	LDR-Unbiased	1.397	1.416	0.019
46	10	LDR-Biased	1.435	1.426	-0.009
48	10	LDR-Biased	1.453	1.437	-0.016
49	10	LDR-Biased	1.4	1.451	0.051
50	10	LDR-Biased	1.414	1.437	0.023
51	10	LDR-Biased	1.42	1.42	0
52	10	LDR-Unbiased	1.412	1.439	0.027
53	10	LDR-Unbiased	1.426	1.428	0.002
55	10	LDR-Unbiased	1.385	1.426	0.041
56	10	LDR-Unbiased	1.41	1.433	0.023
57	10	LDR-Unbiased	1.397	1.422	0.025
76	30	LDR-Biased	1.435	1.445	0.01
78	30	LDR-Biased	1.453	1.461	0.008
79	30	LDR-Biased	1.4	1.472	0.072
80	30	LDR-Biased	1.414	1.461	0.047
81	30	LDR-Biased	1.42	1.451	0.031
82	30	LDR-Unbiased	1.412	1.472	0.06
83	30	LDR-Unbiased	1.426	1.461	0.035
84	30	LDR-Unbiased	1.397	1.451	0.054
85	30	LDR-Unbiased	1.385	1.461	0.076
86	30	LDR-Unbiased	1.41	1.461	0.051
87	100	LDR-Biased	1.398	1.546	0.148
88	100	LDR-Biased	1.431	1.414	-0.017
90	100	LDR-Biased	1.451	1.412	-0.039
91	100	LDR-Unbiased	1.414	1.531	0.117
93	100	LDR-Unbiased	1.418	1.534	0.116
94	100	LDR-Unbiased	1.435	1.556	0.121
95	100	LDR-Unbiased	1.433	1.534	0.101
96	100	LDR-Unbiased	1.395	1.542	0.147
106	50	LDR-Biased	1.435	1.482	0.047
108	50	LDR-Biased	1.453	1.488	0.035
109	50	LDR-Biased	1.4	1.501	0.101
110	50	LDR-Biased	1.414	1.484	0.07
111	50	LDR-Biased	1.42	1.472	0.052
112	50	LDR-Unbiased	1.412	1.492	0.08
113	50	LDR-Unbiased	1.426	1.486	0.06
115	50	LDR-Unbiased	1.385	1.484	0.099
116	50	LDR-Unbiased	1.41	1.486	0.076
117	50	LDR-Unbiased	1.397	1.474	0.077

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.41	1.412	1.414	0.0028284	1.41	1.412	1.414	0.0028284	0	0	0	0
3	1.385	1.4152	1.453	0.019646	1.416	1.4276	1.447	0.0094892	-0.02	0.0124	0.047	0.020807
10	1.385	1.4152	1.453	0.019646	1.42	1.4319	1.451	0.0093862	-0.016	0.0167	0.051	0.021721
30	1.385	1.4152	1.453	0.019646	1.445	1.4596	1.472	0.008682	0.008	0.0444	0.076	0.023387
50	1.385	1.4152	1.453	0.019646	1.472	1.4849	1.501	0.0082792	0.035	0.0697	0.101	0.02151
100	1.395	1.4219	1.451	0.019261	1.412	1.5086	1.556	0.059563	-0.039	0.08675	0.148	0.072806

Device Test: 6.128 IN_VPOR_RISE_EN3/EN3/1.6//0/0/0/@VIN_VALID





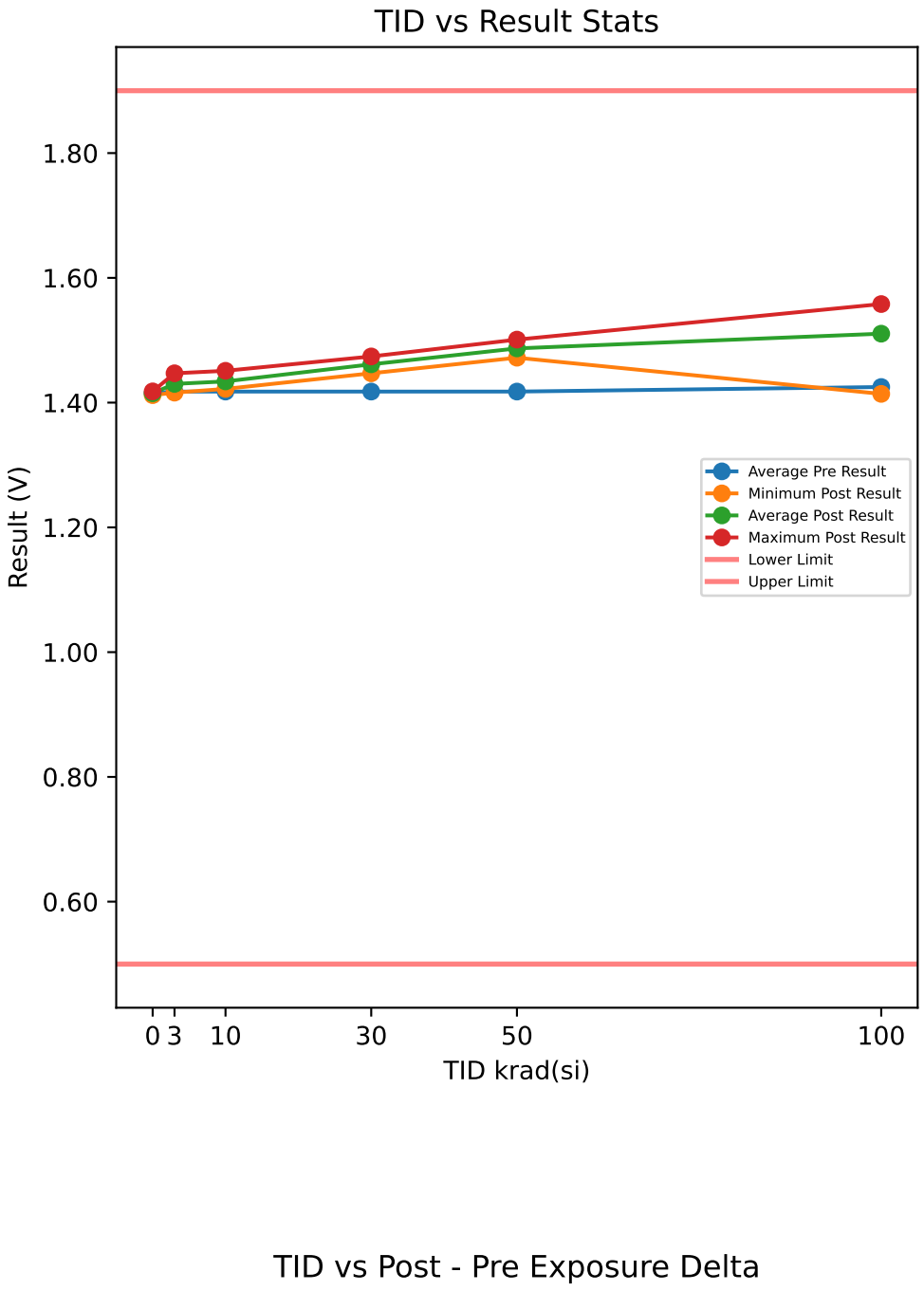
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

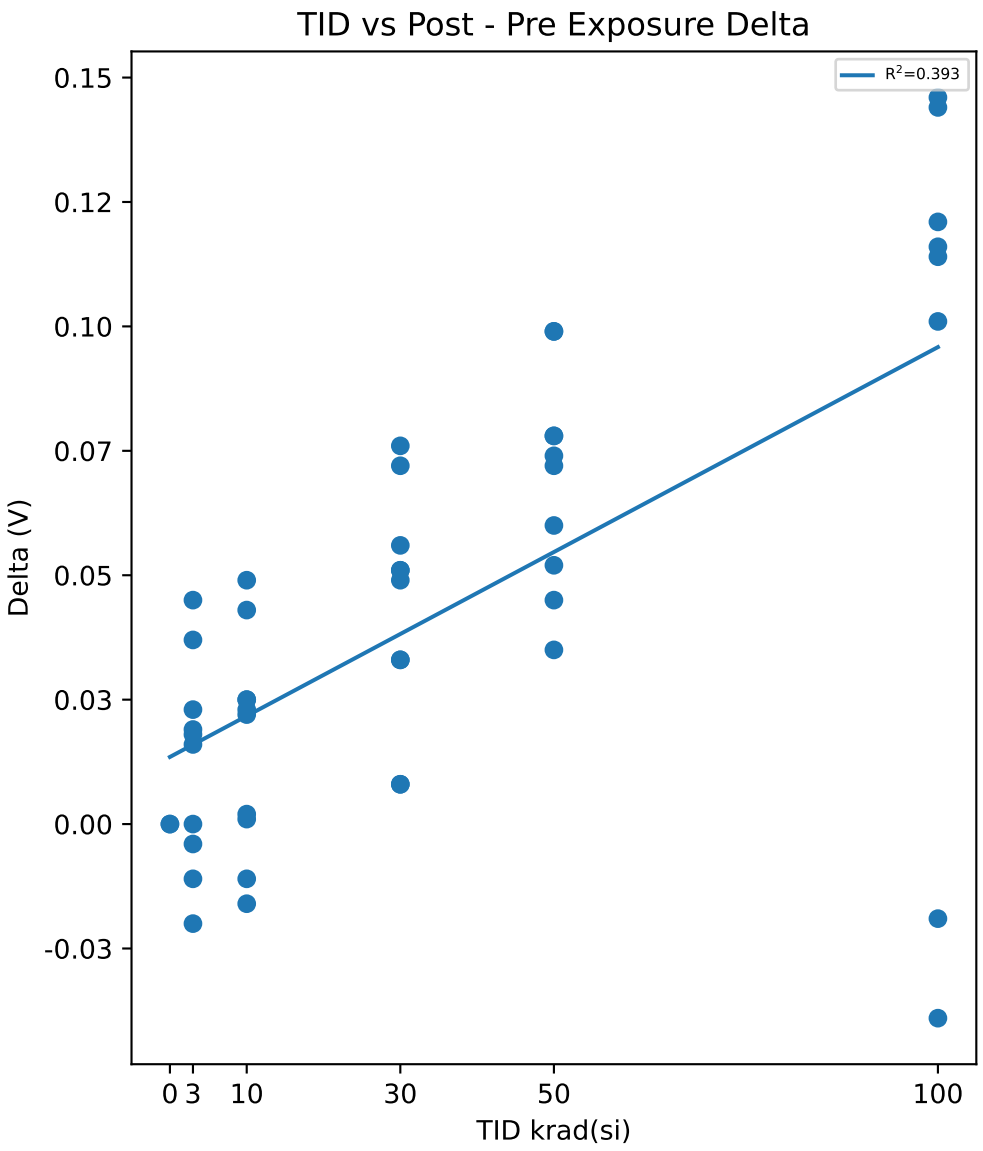
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.41	1.41	0
7	0	Correlation	1.416	1.416	0
16	3	LDR-Biased	1.437	1.426	-0.011
18	3	LDR-Biased	1.453	1.435	-0.018
19	3	LDR-Biased	1.402	1.447	0.045
20	3	LDR-Biased	1.414	1.437	0.023
21	3	LDR-Biased	1.42	1.418	-0.002
22	3	LDR-Unbiased	1.414	1.433	0.019
23	3	LDR-Unbiased	1.428	1.426	-0.002
25	3	LDR-Unbiased	1.387	1.422	0.035
26	3	LDR-Unbiased	1.41	1.428	0.018
27	3	LDR-Unbiased	1.4	1.416	0.016
46	10	LDR-Biased	1.437	1.428	-0.009
48	10	LDR-Biased	1.453	1.439	-0.014
49	10	LDR-Biased	1.402	1.451	0.049
50	10	LDR-Biased	1.414	1.441	0.027
51	10	LDR-Biased	1.42	1.42	0
52	10	LDR-Unbiased	1.414	1.439	0.025
53	10	LDR-Unbiased	1.428	1.43	0.002
55	10	LDR-Unbiased	1.387	1.428	0.041
56	10	LDR-Unbiased	1.41	1.435	0.025
57	10	LDR-Unbiased	1.4	1.422	0.022
76	30	LDR-Biased	1.437	1.447	0.01
78	30	LDR-Biased	1.453	1.463	0.01
79	30	LDR-Biased	1.402	1.474	0.072
80	30	LDR-Biased	1.414	1.463	0.049
81	30	LDR-Biased	1.42	1.453	0.033
82	30	LDR-Unbiased	1.414	1.472	0.058
83	30	LDR-Unbiased	1.428	1.463	0.035
84	30	LDR-Unbiased	1.4	1.451	0.051
85	30	LDR-Unbiased	1.387	1.463	0.076
86	30	LDR-Unbiased	1.41	1.463	0.053
87	100	LDR-Biased	1.402	1.546	0.144
88	100	LDR-Biased	1.433	1.414	-0.019
90	100	LDR-Biased	1.453	1.414	-0.039
91	100	LDR-Unbiased	1.416	1.532	0.116
93	100	LDR-Unbiased	1.42	1.534	0.114
94	100	LDR-Unbiased	1.437	1.556	0.119
95	100	LDR-Unbiased	1.435	1.536	0.101
96	100	LDR-Unbiased	1.398	1.542	0.144
106	50	LDR-Biased	1.437	1.484	0.047
108	50	LDR-Biased	1.453	1.49	0.037
109	50	LDR-Biased	1.402	1.501	0.099
110	50	LDR-Biased	1.414	1.486	0.072
111	50	LDR-Biased	1.42	1.472	0.052
112	50	LDR-Unbiased	1.414	1.492	0.078
113	50	LDR-Unbiased	1.428	1.49	0.062
115	50	LDR-Unbiased	1.387	1.486	0.099
116	50	LDR-Unbiased	1.41	1.488	0.078
117	50	LDR-Unbiased	1.4	1.474	0.074

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.41	1.413	1.416	0.0042426	1.41	1.413	1.416	0.0042426	0	0	0	0
3	1.387	1.4165	1.453	0.019162	1.416	1.4288	1.447	0.0094139	-0.018	0.0123	0.045	0.020166
10	1.387	1.4165	1.453	0.019162	1.42	1.4333	1.451	0.0094991	-0.014	0.0168	0.049	0.021091
30	1.387	1.4165	1.453	0.019162	1.447	1.4612	1.474	0.0086255	0.01	0.0447	0.076	0.022774
50	1.387	1.4165	1.453	0.019162	1.472	1.4863	1.501	0.0084334	0.037	0.0698	0.099	0.020644
100	1.398	1.4243	1.453	0.018714	1.414	1.5092	1.556	0.059281	-0.039	0.085	0.144	0.072079

Device Test: 6.129 IN_VPOR_RISE_EN4/EN4/1.6//0/0/0/@VIN_VALID





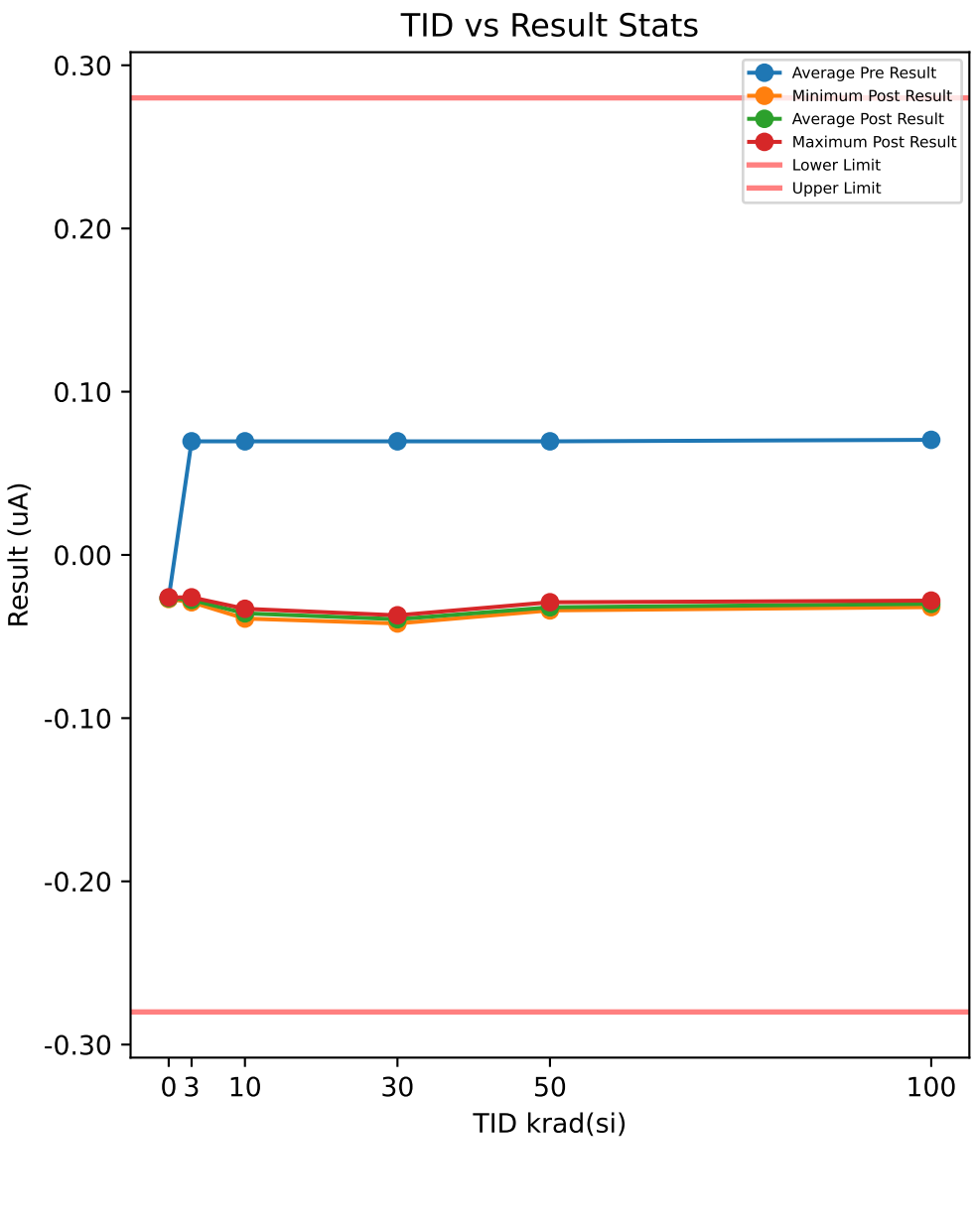
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

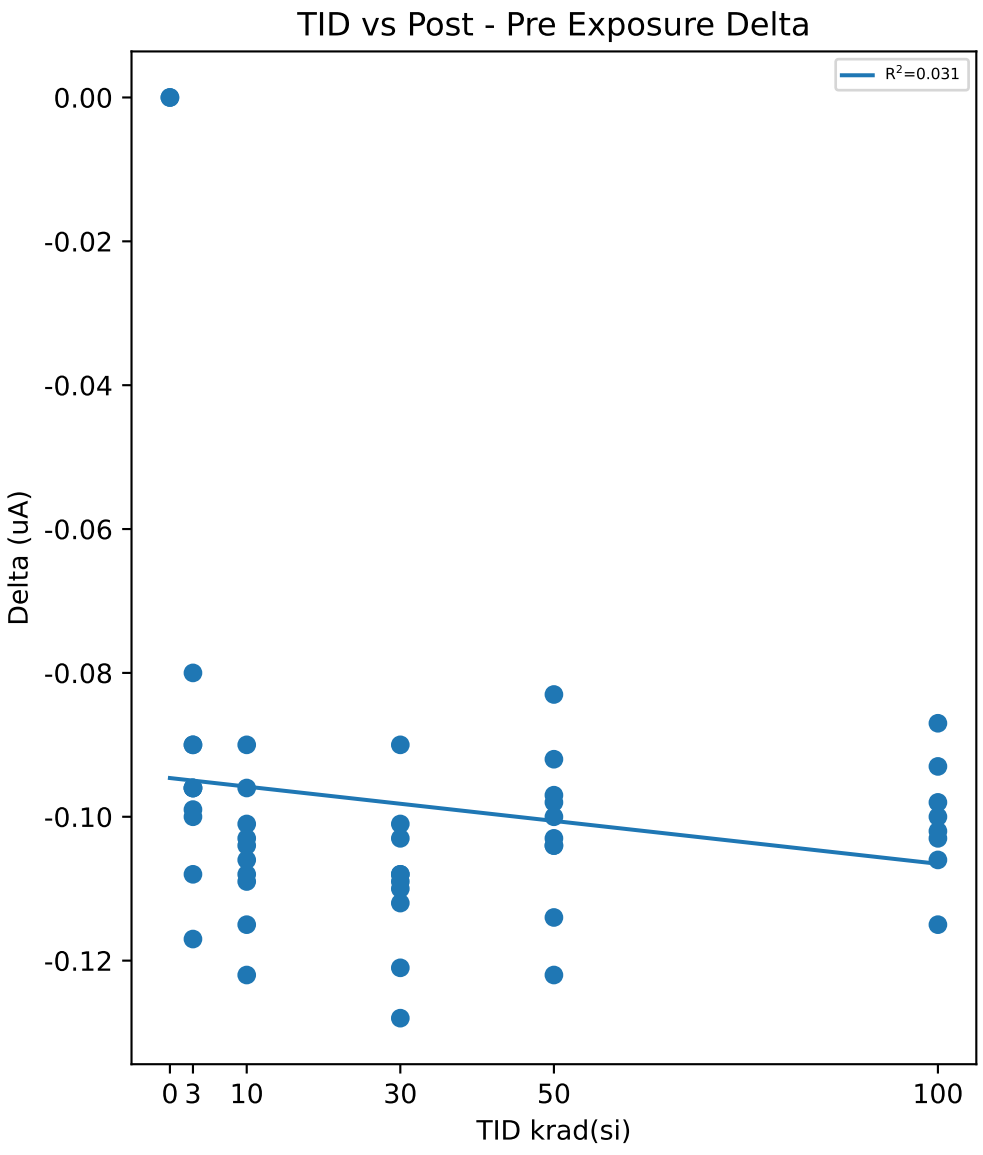
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.412	1.412	0
7	0	Correlation	1.418	1.418	0
16	3	LDR-Biased	1.439	1.428	-0.011
18	3	LDR-Biased	1.455	1.435	-0.02
19	3	LDR-Biased	1.402	1.447	0.045
20	3	LDR-Biased	1.416	1.439	0.023
21	3	LDR-Biased	1.42	1.42	0
22	3	LDR-Unbiased	1.416	1.435	0.019
23	3	LDR-Unbiased	1.43	1.426	-0.004
25	3	LDR-Unbiased	1.387	1.424	0.037
26	3	LDR-Unbiased	1.412	1.43	0.018
27	3	LDR-Unbiased	1.4	1.416	0.016
46	10	LDR-Biased	1.439	1.428	-0.011
48	10	LDR-Biased	1.455	1.439	-0.016
49	10	LDR-Biased	1.402	1.451	0.049
50	10	LDR-Biased	1.416	1.441	0.025
51	10	LDR-Biased	1.42	1.422	0.002
52	10	LDR-Unbiased	1.416	1.441	0.025
53	10	LDR-Unbiased	1.43	1.431	0.001
55	10	LDR-Unbiased	1.387	1.43	0.043
56	10	LDR-Unbiased	1.412	1.435	0.023
57	10	LDR-Unbiased	1.4	1.422	0.022
76	30	LDR-Biased	1.439	1.447	0.008
78	30	LDR-Biased	1.455	1.463	0.008
79	30	LDR-Biased	1.402	1.474	0.072
80	30	LDR-Biased	1.416	1.465	0.049
81	30	LDR-Biased	1.42	1.453	0.033
82	30	LDR-Unbiased	1.416	1.472	0.056
83	30	LDR-Unbiased	1.43	1.463	0.033
84	30	LDR-Unbiased	1.4	1.451	0.051
85	30	LDR-Unbiased	1.387	1.463	0.076
86	30	LDR-Unbiased	1.412	1.463	0.051
87	100	LDR-Biased	1.402	1.548	0.146
88	100	LDR-Biased	1.435	1.416	-0.019
90	100	LDR-Biased	1.453	1.414	-0.039
91	100	LDR-Unbiased	1.418	1.532	0.114
93	100	LDR-Unbiased	1.42	1.536	0.116
94	100	LDR-Unbiased	1.437	1.558	0.121
95	100	LDR-Unbiased	1.435	1.536	0.101
96	100	LDR-Unbiased	1.4	1.544	0.144
106	50	LDR-Biased	1.439	1.484	0.045
108	50	LDR-Biased	1.455	1.49	0.035
109	50	LDR-Biased	1.402	1.501	0.099
110	50	LDR-Biased	1.416	1.488	0.072
111	50	LDR-Biased	1.42	1.472	0.052
112	50	LDR-Unbiased	1.416	1.494	0.078
113	50	LDR-Unbiased	1.43	1.49	0.06
115	50	LDR-Unbiased	1.387	1.486	0.099
116	50	LDR-Unbiased	1.412	1.49	0.078
117	50	LDR-Unbiased	1.4	1.474	0.074

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.412	1.415	1.418	0.0042426	1.412	1.415	1.418	0.0042426	0	0	0	0
3	1.387	1.4177	1.455	0.019839	1.416	1.43	1.447	0.0092616	-0.02	0.0123	0.045	0.020785
10	1.387	1.4177	1.455	0.019839	1.422	1.434	1.451	0.0092014	-0.016	0.0163	0.049	0.0217
30	1.387	1.4177	1.455	0.019839	1.447	1.4614	1.474	0.0086948	0.008	0.0437	0.076	0.023353
50	1.387	1.4177	1.455	0.019839	1.472	1.4869	1.501	0.0086724	0.035	0.0692	0.099	0.021337
100	1.4	1.425	1.453	0.018346	1.414	1.5105	1.558	0.05951	-0.039	0.0855	0.146	0.072453

Device Test: 6.13 ILKG_SR_FAULTb/ILKG_SR_FAULTb//14/0/0/0/@SR_FAULT_ILKG





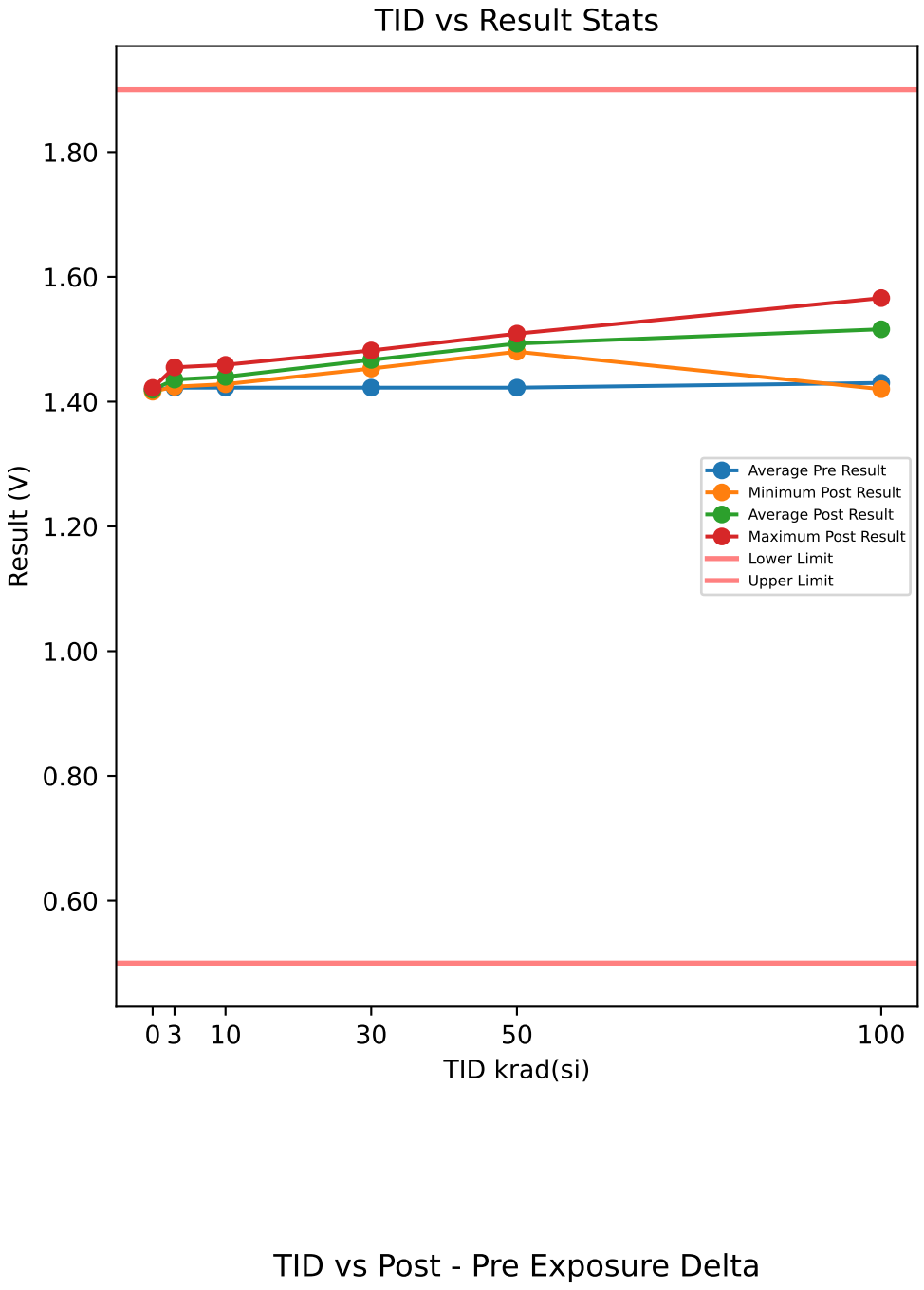
Test Results (Lower Limit = -0.28, Upper Limit = 0.28 (uA))

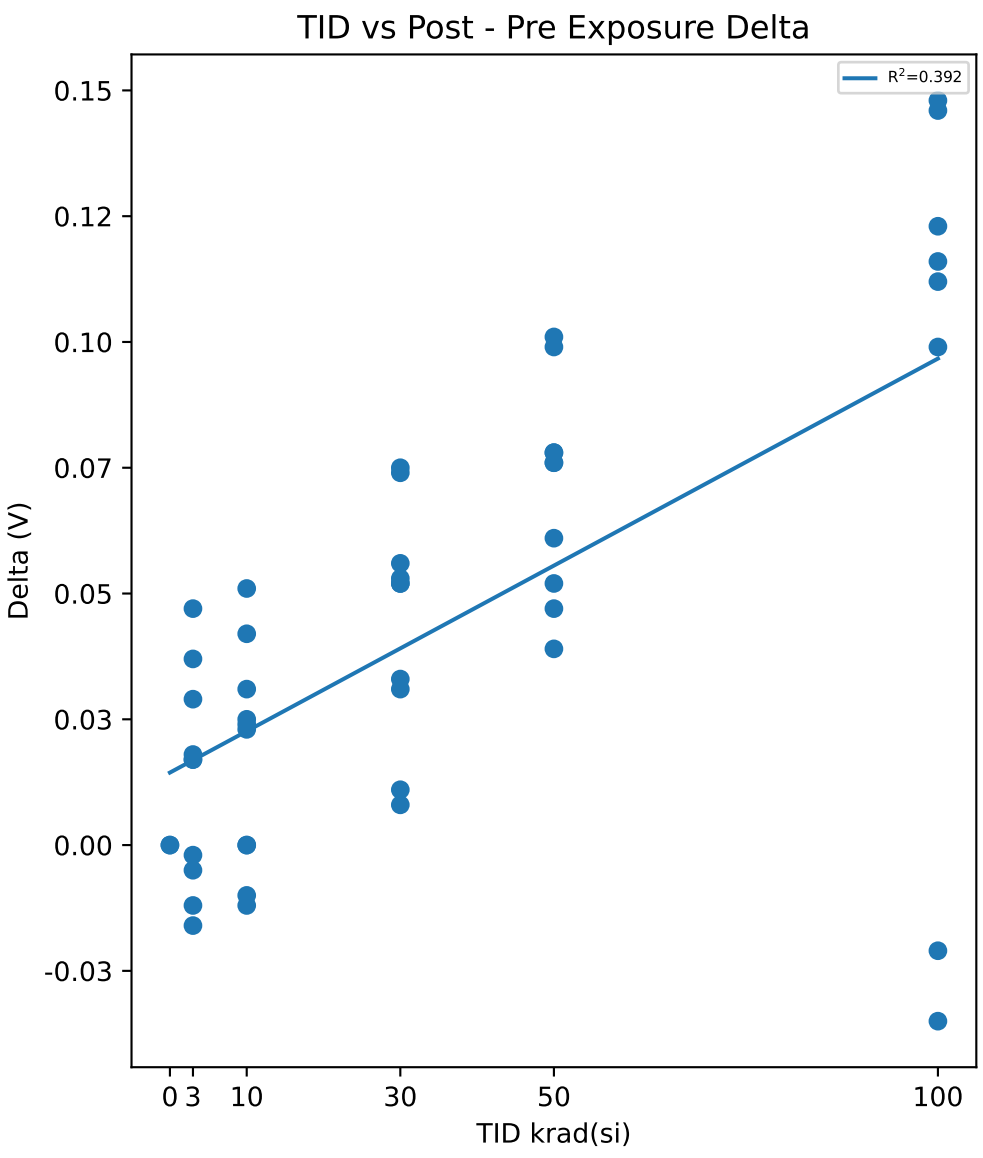
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	-0.026	-0.026	0
7	0	Correlation	-0.027	-0.027	0
16	3	LDR-Biased	0.061	-0.029	-0.09
18	3	LDR-Biased	0.07	-0.026	-0.096
19	3	LDR-Biased	0.07	-0.026	-0.096
20	3	LDR-Biased	0.089	-0.028	-0.117
21	3	LDR-Biased	0.064	-0.026	-0.09
22	3	LDR-Unbiased	0.081	-0.027	-0.108
23	3	LDR-Unbiased	0.071	-0.029	-0.1
25	3	LDR-Unbiased	0.067	-0.029	-0.096
26	3	LDR-Unbiased	0.053	-0.027	-0.08
27	3	LDR-Unbiased	0.07	-0.029	-0.099
46	10	LDR-Biased	0.061	-0.035	-0.096
48	10	LDR-Biased	0.07	-0.036	-0.106
49	10	LDR-Biased	0.07	-0.034	-0.104
50	10	LDR-Biased	0.089	-0.033	-0.122
51	10	LDR-Biased	0.064	-0.037	-0.101
52	10	LDR-Unbiased	0.081	-0.034	-0.115
53	10	LDR-Unbiased	0.071	-0.037	-0.108
55	10	LDR-Unbiased	0.067	-0.036	-0.103
56	10	LDR-Unbiased	0.053	-0.037	-0.09
57	10	LDR-Unbiased	0.07	-0.039	-0.109
76	30	LDR-Biased	0.061	-0.04	-0.101
78	30	LDR-Biased	0.07	-0.038	-0.108
79	30	LDR-Biased	0.07	-0.039	-0.109
80	30	LDR-Biased	0.089	-0.039	-0.128
81	30	LDR-Biased	0.064	-0.039	-0.103
82	30	LDR-Unbiased	0.081	-0.04	-0.121
83	30	LDR-Unbiased	0.071	-0.039	-0.11
84	30	LDR-Unbiased	0.07	-0.042	-0.112
85	30	LDR-Unbiased	0.067	-0.041	-0.108
86	30	LDR-Unbiased	0.053	-0.037	-0.09
87	100	LDR-Biased	0.059	-0.028	-0.087
88	100	LDR-Biased	0.069	-0.029	-0.098
90	100	LDR-Biased	0.074	-0.032	-0.106
91	100	LDR-Unbiased	0.083	-0.032	-0.115
93	100	LDR-Unbiased	0.063	-0.03	-0.093
94	100	LDR-Unbiased	0.073	-0.03	-0.103
95	100	LDR-Unbiased	0.069	-0.031	-0.1
96	100	LDR-Unbiased	0.074	-0.028	-0.102
106	50	LDR-Biased	0.061	-0.031	-0.092
108	50	LDR-Biased	0.07	-0.034	-0.104
109	50	LDR-Biased	0.07	-0.033	-0.103
110	50	LDR-Biased	0.089	-0.033	-0.122
111	50	LDR-Biased	0.064	-0.033	-0.097
112	50	LDR-Unbiased	0.081	-0.033	-0.114
113	50	LDR-Unbiased	0.071	-0.029	-0.1
115	50	LDR-Unbiased	0.067	-0.031	-0.098
116	50	LDR-Unbiased	0.053	-0.03	-0.083
117	50	LDR-Unbiased	0.07	-0.034	-0.104

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.027	-0.0265	-0.026	0.00070711	-0.027	-0.0265	-0.026	0.00070711	0	0	0	0
3	0.053	0.0696	0.089	0.00998	-0.029	-0.0276	-0.026	0.0013499	-0.117	-0.0972	-0.08	0.01013
10	0.053	0.0696	0.089	0.00998	-0.039	-0.0358	-0.033	0.0018135	-0.122	-0.1054	-0.09	0.0090701
30	0.053	0.0696	0.089	0.00998	-0.042	-0.0394	-0.037	0.0014298	-0.128	-0.109	-0.09	0.010424
50	0.053	0.0696	0.089	0.00998	-0.034	-0.0321	-0.029	0.0017288	-0.122	-0.1017	-0.083	0.010843
100	0.059	0.0705	0.083	0.0073679	-0.032	-0.03	-0.028	0.0016036	-0.115	-0.1005	-0.087	0.0084007

Device Test: 6.130 IN_VPOR_RISE_SEQ/SEQ_DONE/1.6//0/0/0/@VIN_VALID





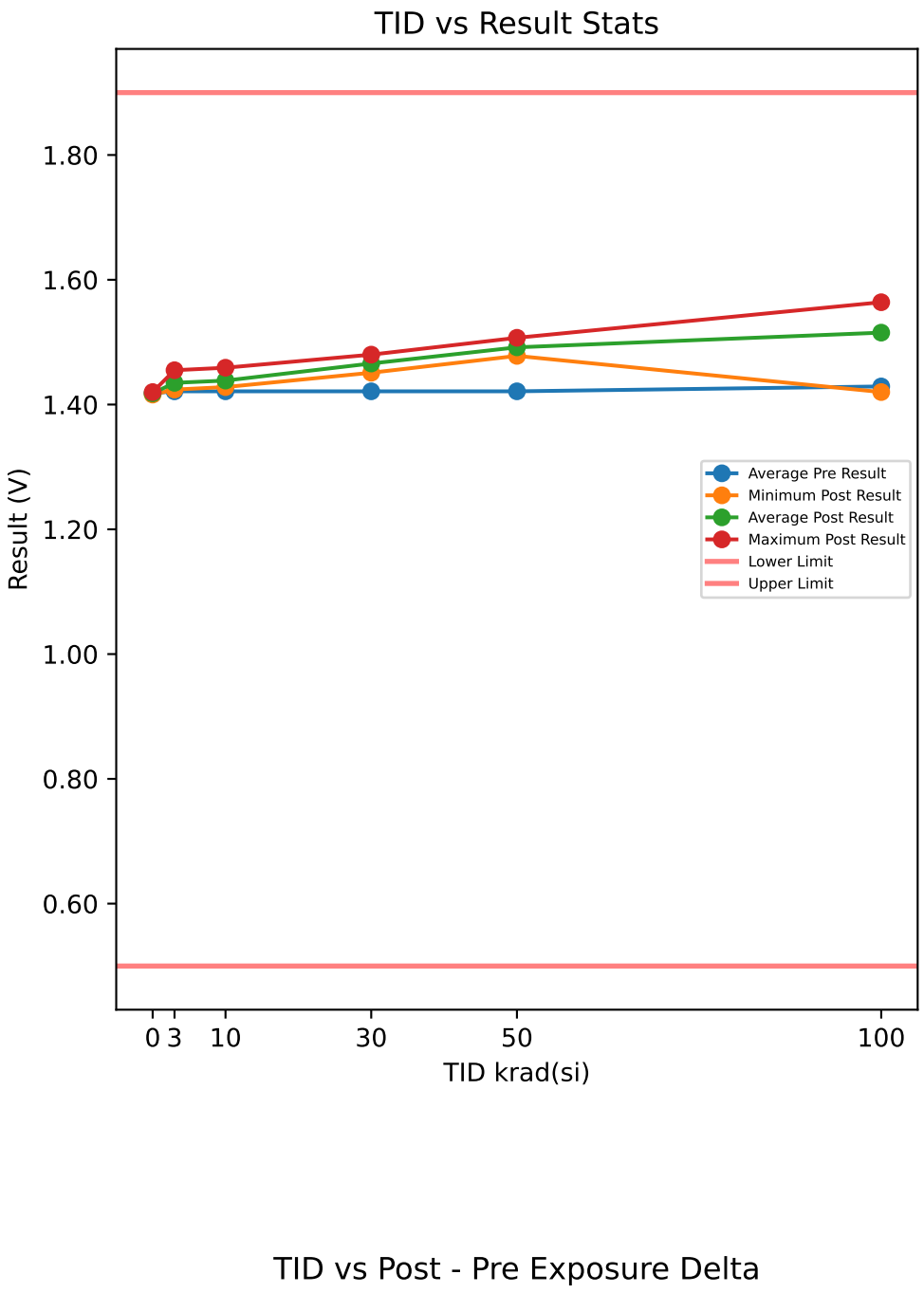
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

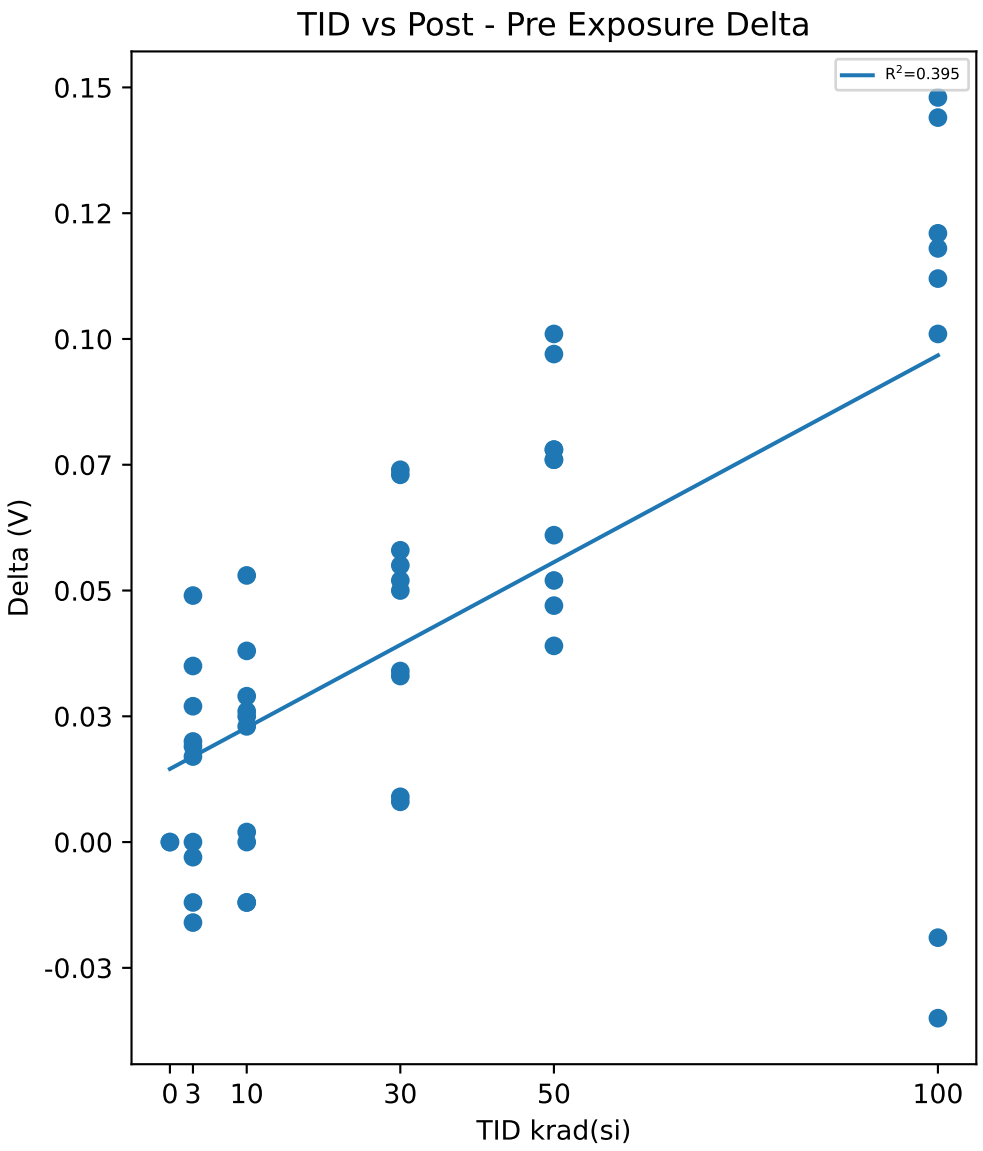
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.416	1.416	0
7	0	Correlation	1.422	1.422	0
16	3	LDR-Biased	1.445	1.433	-0.012
18	3	LDR-Biased	1.457	1.441	-0.016
19	3	LDR-Biased	1.408	1.455	0.047
20	3	LDR-Biased	1.418	1.447	0.029
21	3	LDR-Biased	1.428	1.426	-0.002
22	3	LDR-Unbiased	1.42	1.437	0.017
23	3	LDR-Unbiased	1.433	1.428	-0.005
25	3	LDR-Unbiased	1.393	1.43	0.037
26	3	LDR-Unbiased	1.416	1.433	0.017
27	3	LDR-Unbiased	1.406	1.424	0.018
46	10	LDR-Biased	1.445	1.435	-0.01
48	10	LDR-Biased	1.457	1.445	-0.012
49	10	LDR-Biased	1.408	1.459	0.051
50	10	LDR-Biased	1.418	1.449	0.031
51	10	LDR-Biased	1.428	1.428	0
52	10	LDR-Unbiased	1.42	1.443	0.023
53	10	LDR-Unbiased	1.433	1.433	0
55	10	LDR-Unbiased	1.393	1.435	0.042
56	10	LDR-Unbiased	1.416	1.441	0.025
57	10	LDR-Unbiased	1.406	1.43	0.024
76	30	LDR-Biased	1.445	1.453	0.008
78	30	LDR-Biased	1.457	1.468	0.011
79	30	LDR-Biased	1.408	1.482	0.074
80	30	LDR-Biased	1.418	1.47	0.052
81	30	LDR-Biased	1.428	1.459	0.031
82	30	LDR-Unbiased	1.42	1.476	0.056
83	30	LDR-Unbiased	1.433	1.466	0.033
84	30	LDR-Unbiased	1.406	1.459	0.053
85	30	LDR-Unbiased	1.393	1.468	0.075
86	30	LDR-Unbiased	1.416	1.468	0.052
87	100	LDR-Biased	1.406	1.552	0.146
88	100	LDR-Biased	1.441	1.42	-0.021
90	100	LDR-Biased	1.455	1.42	-0.035
91	100	LDR-Unbiased	1.422	1.538	0.116
93	100	LDR-Unbiased	1.426	1.538	0.112
94	100	LDR-Unbiased	1.443	1.566	0.123
95	100	LDR-Unbiased	1.441	1.54	0.099
96	100	LDR-Unbiased	1.406	1.554	0.148
106	50	LDR-Biased	1.445	1.492	0.047
108	50	LDR-Biased	1.457	1.496	0.039
109	50	LDR-Biased	1.408	1.509	0.101
110	50	LDR-Biased	1.418	1.496	0.078
111	50	LDR-Biased	1.428	1.48	0.052
112	50	LDR-Unbiased	1.42	1.496	0.076
113	50	LDR-Unbiased	1.433	1.494	0.061
115	50	LDR-Unbiased	1.393	1.492	0.099
116	50	LDR-Unbiased	1.416	1.494	0.078
117	50	LDR-Unbiased	1.406	1.482	0.076

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.416	1.419	1.422	0.0042426	1.416	1.419	1.422	0.0042426	0	0	0	0
3	1.393	1.4224	1.457	0.019027	1.424	1.4354	1.455	0.0098116	-0.016	0.013	0.047	0.021239
10	1.393	1.4224	1.457	0.019027	1.428	1.4398	1.459	0.0095429	-0.012	0.0174	0.051	0.021788
30	1.393	1.4224	1.457	0.019027	1.453	1.4669	1.482	0.0084518	0.008	0.0445	0.075	0.023301
50	1.393	1.4224	1.457	0.019027	1.48	1.4931	1.509	0.0080062	0.039	0.0707	0.101	0.020796
100	1.406	1.43	1.455	0.018	1.42	1.516	1.566	0.060019	-0.035	0.086	0.148	0.072356

Device Test: 6.131 IN_VPOR_RISE_PWRGD/PWRGD/1.6//0/0/0/@VIN_VALID





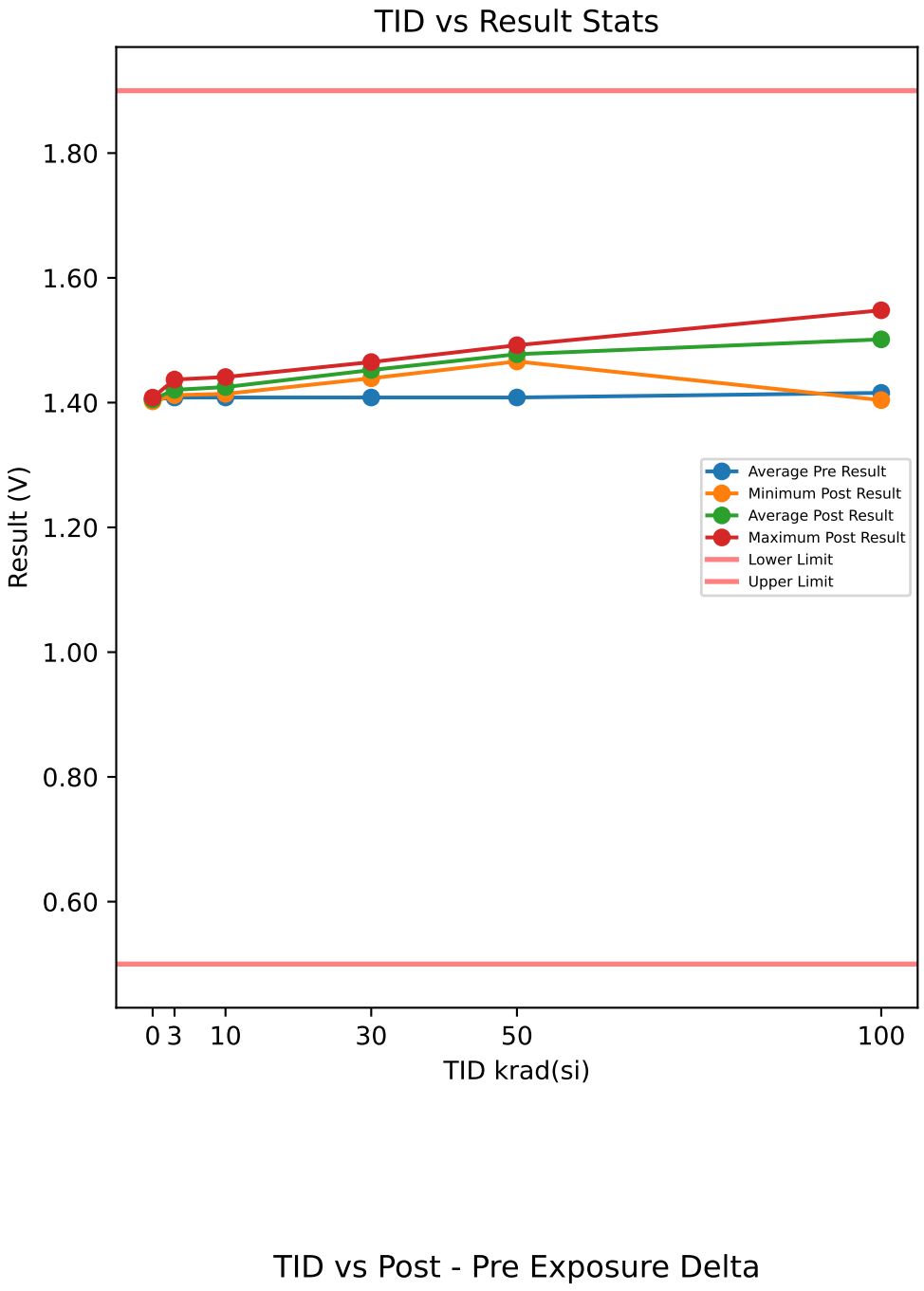
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

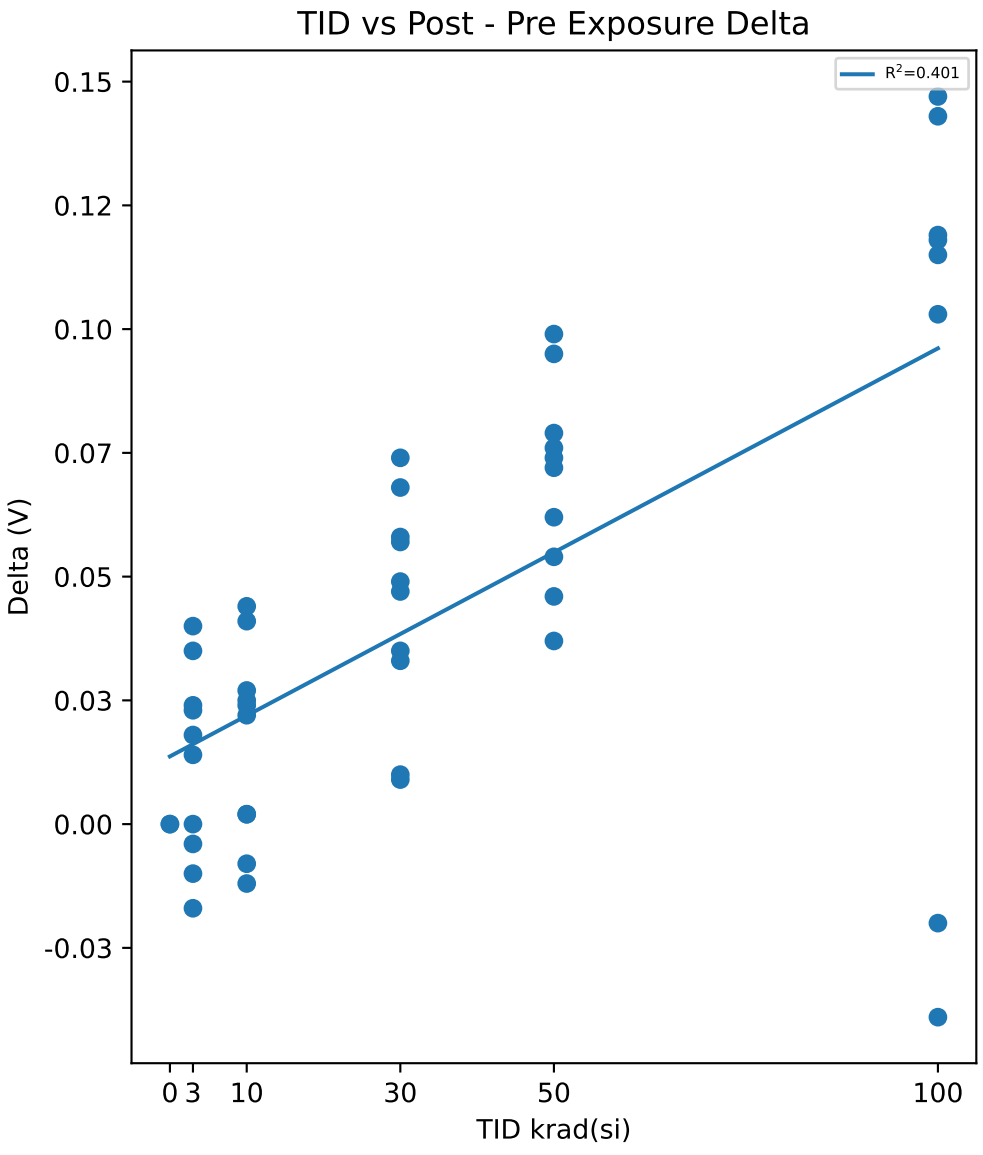
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.416	1.416	0
7	0	Correlation	1.42	1.42	0
16	3	LDR-Biased	1.443	1.431	-0.012
18	3	LDR-Biased	1.457	1.441	-0.016
19	3	LDR-Biased	1.406	1.455	0.049
20	3	LDR-Biased	1.418	1.445	0.027
21	3	LDR-Biased	1.426	1.426	0
22	3	LDR-Unbiased	1.418	1.437	0.019
23	3	LDR-Unbiased	1.431	1.428	-0.003
25	3	LDR-Unbiased	1.393	1.428	0.035
26	3	LDR-Unbiased	1.416	1.433	0.017
27	3	LDR-Unbiased	1.404	1.424	0.02
46	10	LDR-Biased	1.443	1.431	-0.012
48	10	LDR-Biased	1.457	1.445	-0.012
49	10	LDR-Biased	1.406	1.459	0.053
50	10	LDR-Biased	1.418	1.447	0.029
51	10	LDR-Biased	1.426	1.428	0.002
52	10	LDR-Unbiased	1.418	1.443	0.025
53	10	LDR-Unbiased	1.431	1.431	0
55	10	LDR-Unbiased	1.393	1.431	0.038
56	10	LDR-Unbiased	1.416	1.439	0.023
57	10	LDR-Unbiased	1.404	1.43	0.026
76	30	LDR-Biased	1.443	1.451	0.008
78	30	LDR-Biased	1.457	1.466	0.009
79	30	LDR-Biased	1.406	1.48	0.074
80	30	LDR-Biased	1.418	1.468	0.05
81	30	LDR-Biased	1.426	1.459	0.033
82	30	LDR-Unbiased	1.418	1.476	0.058
83	30	LDR-Unbiased	1.431	1.465	0.034
84	30	LDR-Unbiased	1.404	1.459	0.055
85	30	LDR-Unbiased	1.393	1.466	0.073
86	30	LDR-Unbiased	1.416	1.468	0.052
87	100	LDR-Biased	1.406	1.55	0.144
88	100	LDR-Biased	1.439	1.42	-0.019
90	100	LDR-Biased	1.455	1.42	-0.035
91	100	LDR-Unbiased	1.42	1.538	0.118
93	100	LDR-Unbiased	1.426	1.538	0.112
94	100	LDR-Unbiased	1.443	1.564	0.121
95	100	LDR-Unbiased	1.439	1.54	0.101
96	100	LDR-Unbiased	1.404	1.552	0.148
106	50	LDR-Biased	1.443	1.49	0.047
108	50	LDR-Biased	1.457	1.496	0.039
109	50	LDR-Biased	1.406	1.507	0.101
110	50	LDR-Biased	1.418	1.494	0.076
111	50	LDR-Biased	1.426	1.478	0.052
112	50	LDR-Unbiased	1.418	1.496	0.078
113	50	LDR-Unbiased	1.431	1.492	0.061
115	50	LDR-Unbiased	1.393	1.49	0.097
116	50	LDR-Unbiased	1.416	1.492	0.076
117	50	LDR-Unbiased	1.404	1.482	0.078

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.416	1.418	1.42	0.0028284	1.416	1.418	1.42	0.0028284	0	0	0	0
3	1.393	1.4212	1.457	0.01899	1.424	1.4348	1.455	0.009773	-0.016	0.0136	0.049	0.020988
10	1.393	1.4212	1.457	0.01899	1.428	1.4384	1.459	0.010035	-0.012	0.0172	0.053	0.02175
30	1.393	1.4212	1.457	0.01899	1.451	1.4658	1.48	0.0083506	0.008	0.0446	0.074	0.023325
50	1.393	1.4212	1.457	0.01899	1.478	1.4917	1.507	0.0079169	0.039	0.0705	0.101	0.020501
100	1.404	1.429	1.455	0.018189	1.42	1.5152	1.564	0.059435	-0.035	0.08625	0.148	0.071737

Device Test: 6.132 IN_VPOR_RISE_EN1/EN1/7//0/0/0/@VIN_VALID





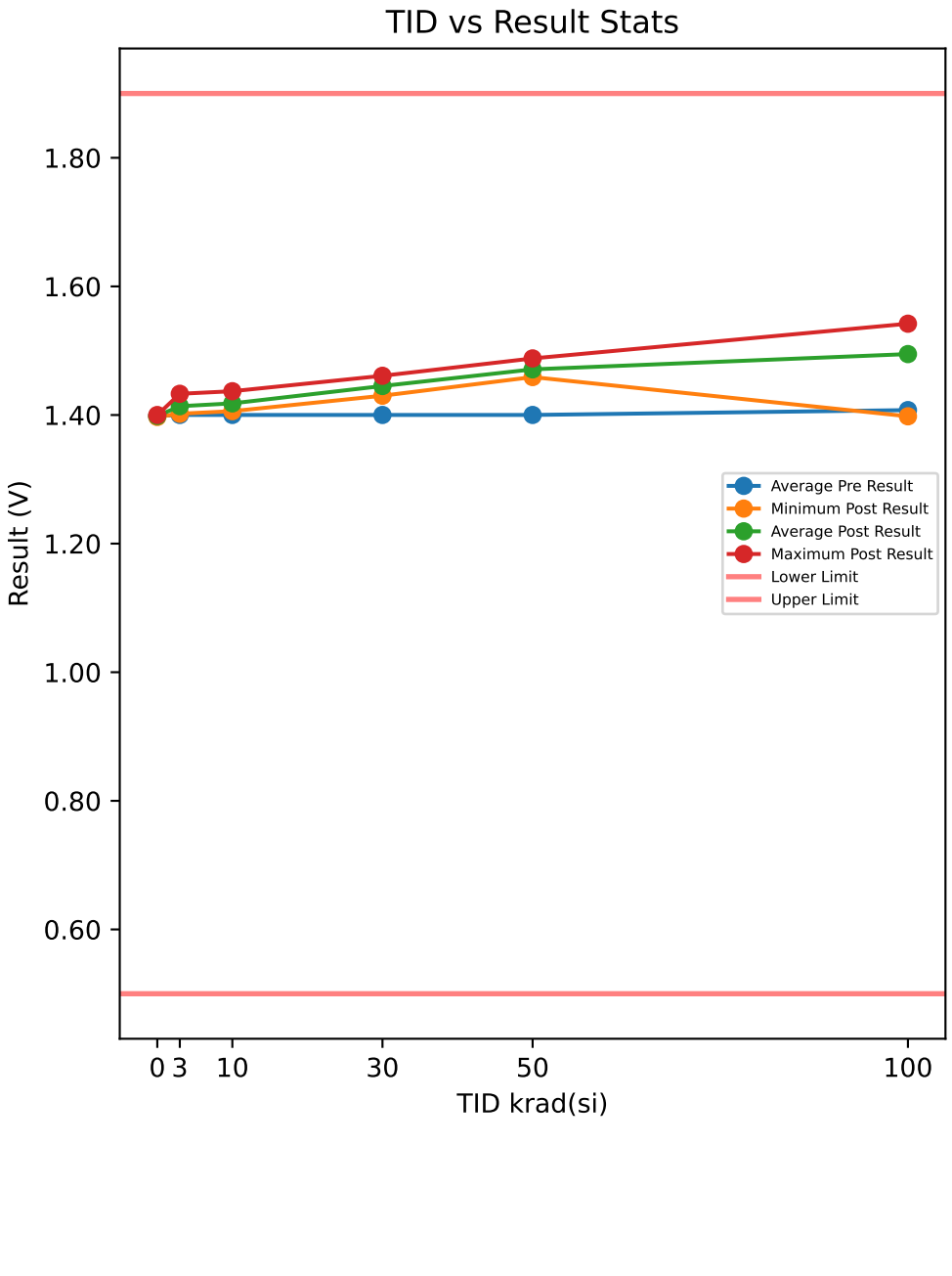
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

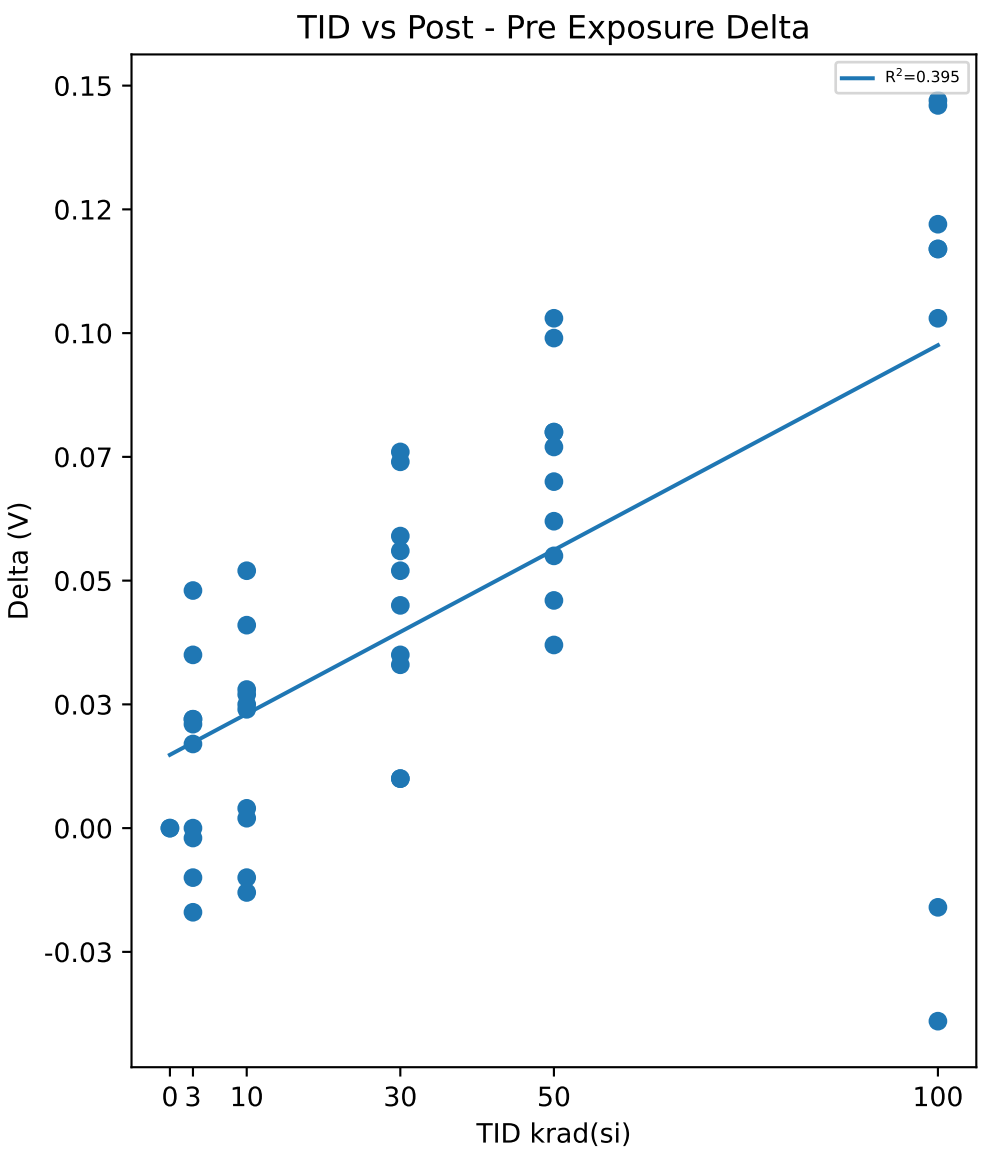
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.402	1.402	0
7	0	Correlation	1.408	1.408	0
16	3	LDR-Biased	1.43	1.42	-0.01
18	3	LDR-Biased	1.443	1.426	-0.017
19	3	LDR-Biased	1.397	1.437	0.04
20	3	LDR-Biased	1.406	1.43	0.024
21	3	LDR-Biased	1.412	1.412	0
22	3	LDR-Unbiased	1.406	1.424	0.018
23	3	LDR-Unbiased	1.416	1.412	-0.004
25	3	LDR-Unbiased	1.379	1.414	0.035
26	3	LDR-Unbiased	1.404	1.418	0.014
27	3	LDR-Unbiased	1.389	1.412	0.023
46	10	LDR-Biased	1.43	1.422	-0.008
48	10	LDR-Biased	1.443	1.431	-0.012
49	10	LDR-Biased	1.397	1.441	0.044
50	10	LDR-Biased	1.406	1.431	0.025
51	10	LDR-Biased	1.412	1.414	0.002
52	10	LDR-Unbiased	1.406	1.43	0.024
53	10	LDR-Unbiased	1.416	1.418	0.002
55	10	LDR-Unbiased	1.379	1.42	0.041
56	10	LDR-Unbiased	1.404	1.426	0.022
57	10	LDR-Unbiased	1.389	1.416	0.027
76	30	LDR-Biased	1.43	1.439	0.009
78	30	LDR-Biased	1.443	1.453	0.01
79	30	LDR-Biased	1.397	1.465	0.068
80	30	LDR-Biased	1.406	1.453	0.047
81	30	LDR-Biased	1.412	1.445	0.033
82	30	LDR-Unbiased	1.406	1.463	0.057
83	30	LDR-Unbiased	1.416	1.451	0.035
84	30	LDR-Unbiased	1.389	1.447	0.058
85	30	LDR-Unbiased	1.379	1.453	0.074
86	30	LDR-Unbiased	1.404	1.453	0.049
87	100	LDR-Biased	1.393	1.536	0.143
88	100	LDR-Biased	1.426	1.406	-0.02
90	100	LDR-Biased	1.443	1.404	-0.039
91	100	LDR-Unbiased	1.408	1.523	0.115
93	100	LDR-Unbiased	1.412	1.531	0.119
94	100	LDR-Unbiased	1.43	1.548	0.118
95	100	LDR-Unbiased	1.424	1.527	0.103
96	100	LDR-Unbiased	1.389	1.536	0.147
106	50	LDR-Biased	1.43	1.476	0.046
108	50	LDR-Biased	1.443	1.48	0.037
109	50	LDR-Biased	1.397	1.492	0.095
110	50	LDR-Biased	1.406	1.478	0.072
111	50	LDR-Biased	1.412	1.466	0.054
112	50	LDR-Unbiased	1.406	1.482	0.076
113	50	LDR-Unbiased	1.416	1.478	0.062
115	50	LDR-Unbiased	1.379	1.478	0.099
116	50	LDR-Unbiased	1.404	1.478	0.074
117	50	LDR-Unbiased	1.389	1.468	0.079

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.402	1.405	1.408	0.0042426	1.402	1.405	1.408	0.0042426	0	0	0	0
3	1.379	1.4082	1.443	0.018665	1.412	1.4205	1.437	0.0086313	-0.017	0.0123	0.04	0.01927
10	1.379	1.4082	1.443	0.018665	1.414	1.4249	1.441	0.0084255	-0.012	0.0167	0.044	0.019602
30	1.379	1.4082	1.443	0.018665	1.439	1.4522	1.465	0.0077287	0.009	0.044	0.074	0.022256
50	1.379	1.4082	1.443	0.018665	1.466	1.4776	1.492	0.0071678	0.037	0.0694	0.099	0.019957
100	1.389	1.4156	1.443	0.018616	1.404	1.5014	1.548	0.059943	-0.039	0.08575	0.147	0.072775

Device Test: 6.133 IN_VPOR_RISE_EN2/EN2/7//0/0/0/@VIN_VALID





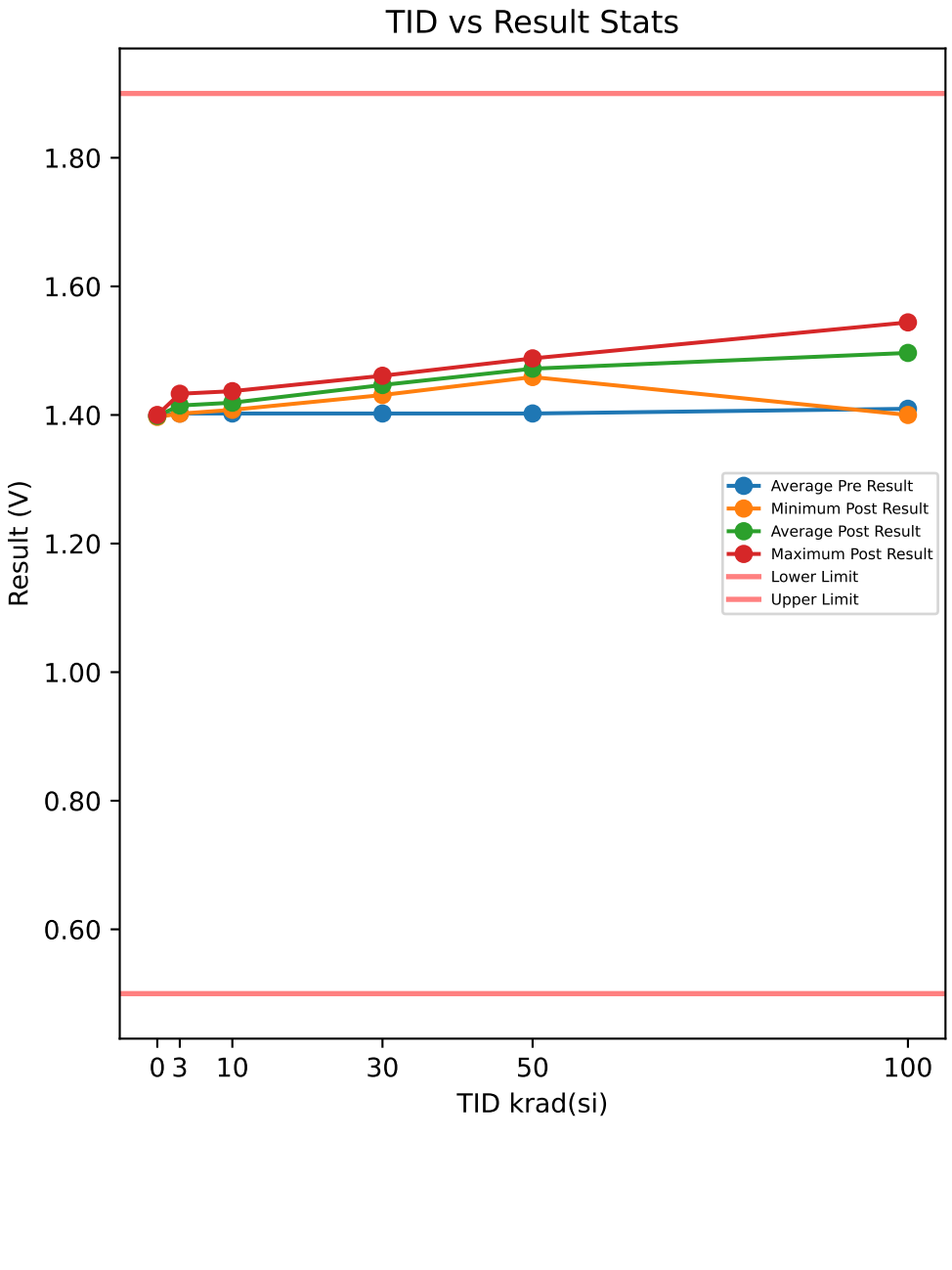
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

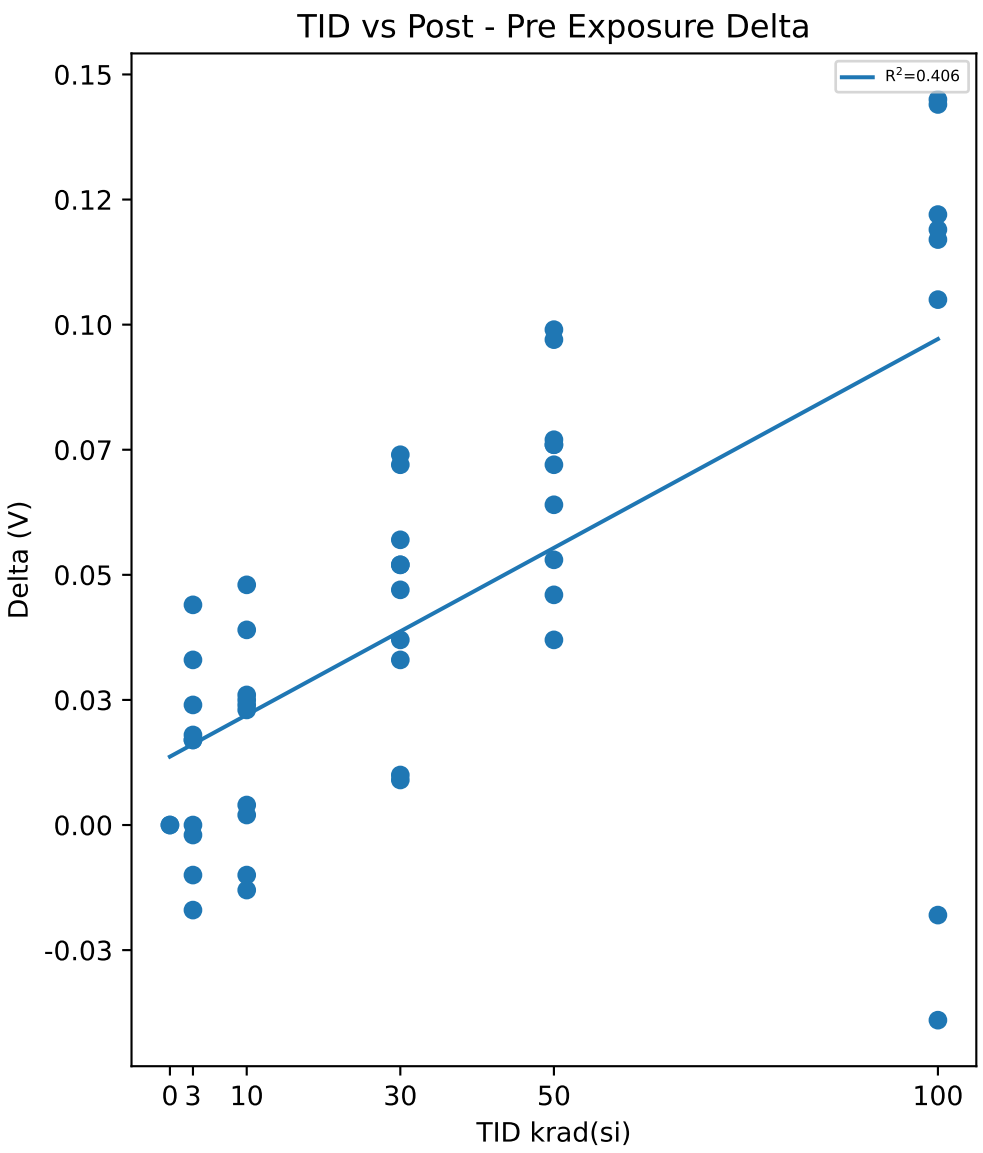
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.397	1.397	0
7	0	Correlation	1.4	1.4	0
16	3	LDR-Biased	1.42	1.41	-0.01
18	3	LDR-Biased	1.437	1.42	-0.017
19	3	LDR-Biased	1.385	1.433	0.048
20	3	LDR-Biased	1.4	1.422	0.022
21	3	LDR-Biased	1.404	1.404	0
22	3	LDR-Unbiased	1.398	1.42	0.022
23	3	LDR-Unbiased	1.41	1.408	-0.002
25	3	LDR-Unbiased	1.371	1.406	0.035
26	3	LDR-Unbiased	1.395	1.412	0.017
27	3	LDR-Unbiased	1.381	1.402	0.021
46	10	LDR-Biased	1.42	1.41	-0.01
48	10	LDR-Biased	1.437	1.424	-0.013
49	10	LDR-Biased	1.385	1.437	0.052
50	10	LDR-Biased	1.4	1.424	0.024
51	10	LDR-Biased	1.404	1.406	0.002
52	10	LDR-Unbiased	1.398	1.426	0.028
53	10	LDR-Unbiased	1.41	1.414	0.004
55	10	LDR-Unbiased	1.371	1.412	0.041
56	10	LDR-Unbiased	1.395	1.42	0.025
57	10	LDR-Unbiased	1.381	1.408	0.027
76	30	LDR-Biased	1.42	1.43	0.01
78	30	LDR-Biased	1.437	1.447	0.01
79	30	LDR-Biased	1.385	1.461	0.076
80	30	LDR-Biased	1.4	1.445	0.045
81	30	LDR-Biased	1.404	1.437	0.033
82	30	LDR-Unbiased	1.398	1.457	0.059
83	30	LDR-Unbiased	1.41	1.445	0.035
84	30	LDR-Unbiased	1.381	1.437	0.056
85	30	LDR-Unbiased	1.371	1.445	0.074
86	30	LDR-Unbiased	1.395	1.447	0.052
87	100	LDR-Biased	1.385	1.532	0.147
88	100	LDR-Biased	1.416	1.4	-0.016
90	100	LDR-Biased	1.437	1.398	-0.039
91	100	LDR-Unbiased	1.4	1.517	0.117
93	100	LDR-Unbiased	1.404	1.521	0.117
94	100	LDR-Unbiased	1.42	1.542	0.122
95	100	LDR-Unbiased	1.418	1.521	0.103
96	100	LDR-Unbiased	1.381	1.527	0.146
106	50	LDR-Biased	1.42	1.466	0.046
108	50	LDR-Biased	1.437	1.474	0.037
109	50	LDR-Biased	1.385	1.488	0.103
110	50	LDR-Biased	1.4	1.47	0.07
111	50	LDR-Biased	1.404	1.459	0.055
112	50	LDR-Unbiased	1.398	1.478	0.08
113	50	LDR-Unbiased	1.41	1.472	0.062
115	50	LDR-Unbiased	1.371	1.47	0.099
116	50	LDR-Unbiased	1.395	1.472	0.077
117	50	LDR-Unbiased	1.381	1.461	0.08

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.397	1.3985	1.4	0.0021213	1.397	1.3985	1.4	0.0021213	0	0	0	0
3	1.371	1.4001	1.437	0.019267	1.402	1.4137	1.433	0.0097758	-0.017	0.0136	0.048	0.020468
10	1.371	1.4001	1.437	0.019267	1.406	1.4181	1.437	0.0097804	-0.013	0.018	0.052	0.021468
30	1.371	1.4001	1.437	0.019267	1.43	1.4451	1.461	0.0091948	0.01	0.045	0.076	0.023243
50	1.371	1.4001	1.437	0.019267	1.459	1.471	1.488	0.0082999	0.037	0.0709	0.103	0.021408
100	1.381	1.4076	1.437	0.018845	1.398	1.4948	1.542	0.059608	-0.039	0.087125	0.147	0.072552

Device Test: 6.134 IN_VPOR_RISE_EN3/EN3/7//0/0/0/@VIN_VALID





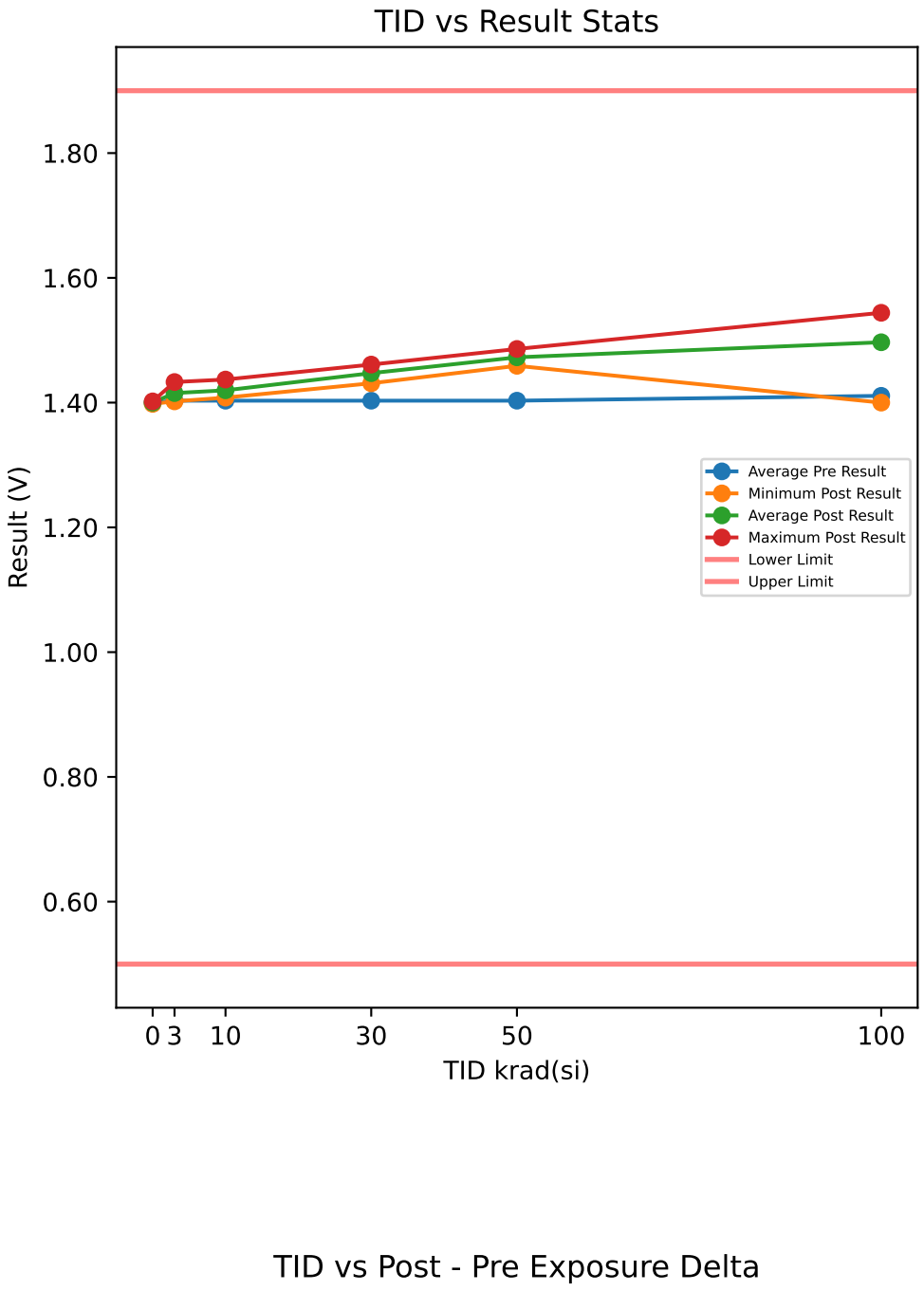
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

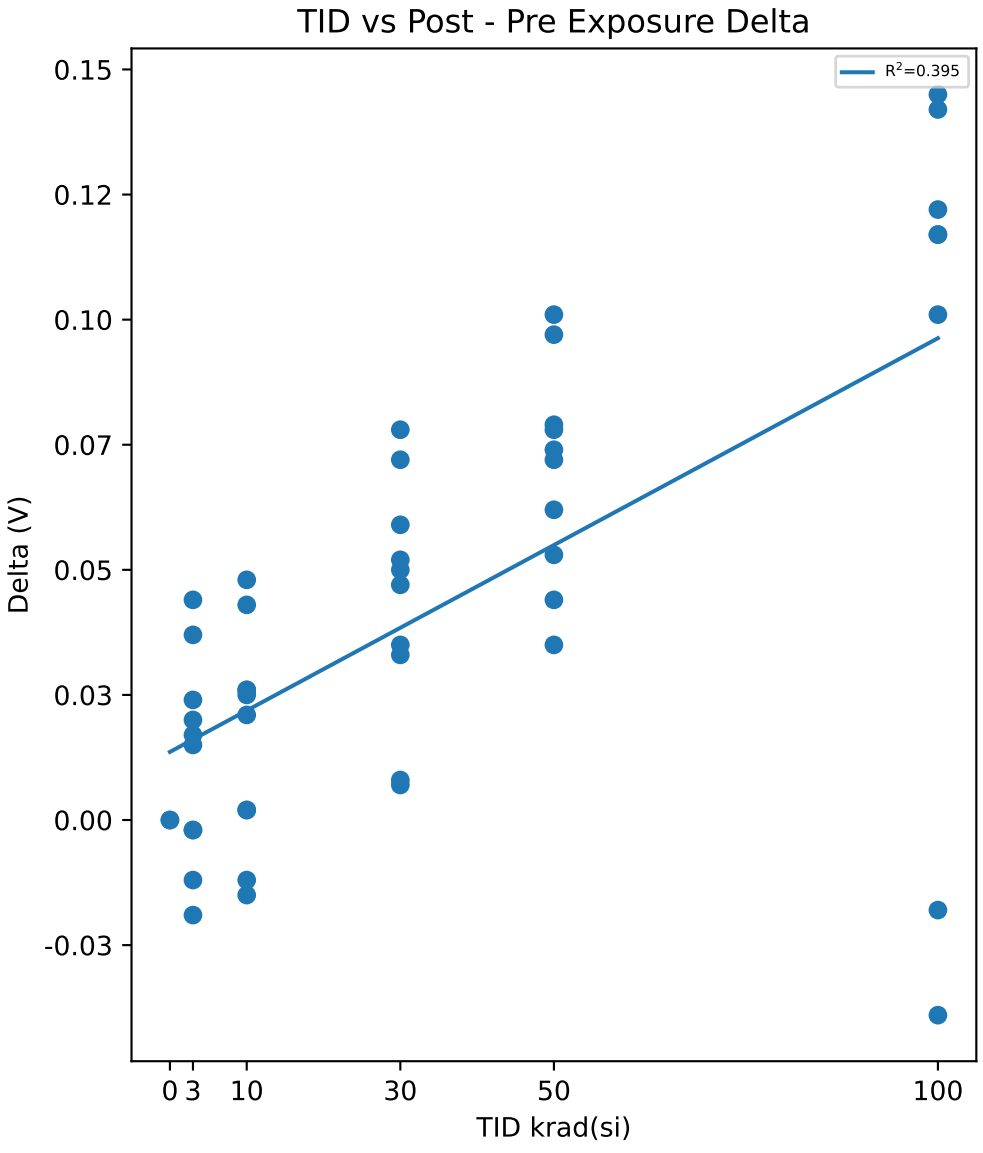
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.397	1.397	0
7	0	Correlation	1.4	1.4	0
16	3	LDR-Biased	1.422	1.412	-0.01
18	3	LDR-Biased	1.439	1.422	-0.017
19	3	LDR-Biased	1.389	1.433	0.044
20	3	LDR-Biased	1.4	1.424	0.024
21	3	LDR-Biased	1.406	1.404	-0.002
22	3	LDR-Unbiased	1.4	1.418	0.018
23	3	LDR-Unbiased	1.412	1.412	0
25	3	LDR-Unbiased	1.373	1.406	0.033
26	3	LDR-Unbiased	1.397	1.414	0.017
27	3	LDR-Unbiased	1.385	1.402	0.017
46	10	LDR-Biased	1.422	1.412	-0.01
48	10	LDR-Biased	1.439	1.426	-0.013
49	10	LDR-Biased	1.389	1.437	0.048
50	10	LDR-Biased	1.4	1.426	0.026
51	10	LDR-Biased	1.406	1.408	0.002
52	10	LDR-Unbiased	1.4	1.424	0.024
53	10	LDR-Unbiased	1.412	1.416	0.004
55	10	LDR-Unbiased	1.373	1.412	0.039
56	10	LDR-Unbiased	1.397	1.422	0.025
57	10	LDR-Unbiased	1.385	1.408	0.023
76	30	LDR-Biased	1.422	1.431	0.009
78	30	LDR-Biased	1.439	1.449	0.01
79	30	LDR-Biased	1.389	1.461	0.072
80	30	LDR-Biased	1.4	1.447	0.047
81	30	LDR-Biased	1.406	1.439	0.033
82	30	LDR-Unbiased	1.4	1.457	0.057
83	30	LDR-Unbiased	1.412	1.449	0.037
84	30	LDR-Unbiased	1.385	1.437	0.052
85	30	LDR-Unbiased	1.373	1.447	0.074
86	30	LDR-Unbiased	1.397	1.449	0.052
87	100	LDR-Biased	1.387	1.532	0.145
88	100	LDR-Biased	1.418	1.4	-0.018
90	100	LDR-Biased	1.439	1.4	-0.039
91	100	LDR-Unbiased	1.402	1.519	0.117
93	100	LDR-Unbiased	1.404	1.523	0.119
94	100	LDR-Unbiased	1.422	1.544	0.122
95	100	LDR-Unbiased	1.42	1.525	0.105
96	100	LDR-Unbiased	1.385	1.529	0.144
106	50	LDR-Biased	1.422	1.468	0.046
108	50	LDR-Biased	1.439	1.476	0.037
109	50	LDR-Biased	1.389	1.488	0.099
110	50	LDR-Biased	1.4	1.472	0.072
111	50	LDR-Biased	1.406	1.459	0.053
112	50	LDR-Unbiased	1.4	1.476	0.076
113	50	LDR-Unbiased	1.412	1.476	0.064
115	50	LDR-Unbiased	1.373	1.47	0.097
116	50	LDR-Unbiased	1.397	1.474	0.077
117	50	LDR-Unbiased	1.385	1.461	0.076

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.397	1.3985	1.4	0.0021213	1.397	1.3985	1.4	0.0021213	0	0	0	0
3	1.373	1.4023	1.439	0.018904	1.402	1.4147	1.433	0.0097303	-0.017	0.0124	0.044	0.019317
10	1.373	1.4023	1.439	0.018904	1.408	1.4191	1.437	0.0094569	-0.013	0.0168	0.048	0.020269
30	1.373	1.4023	1.439	0.018904	1.431	1.4466	1.461	0.0089839	0.009	0.0443	0.074	0.02246
50	1.373	1.4023	1.439	0.018904	1.459	1.472	1.488	0.0082865	0.037	0.0697	0.099	0.020232
100	1.385	1.4096	1.439	0.018524	1.4	1.4965	1.544	0.060021	-0.039	0.086875	0.145	0.07269

Device Test: 6.135 IN_VPOR_RISE_EN4/EN4/7//0/0/0/@VIN_VALID





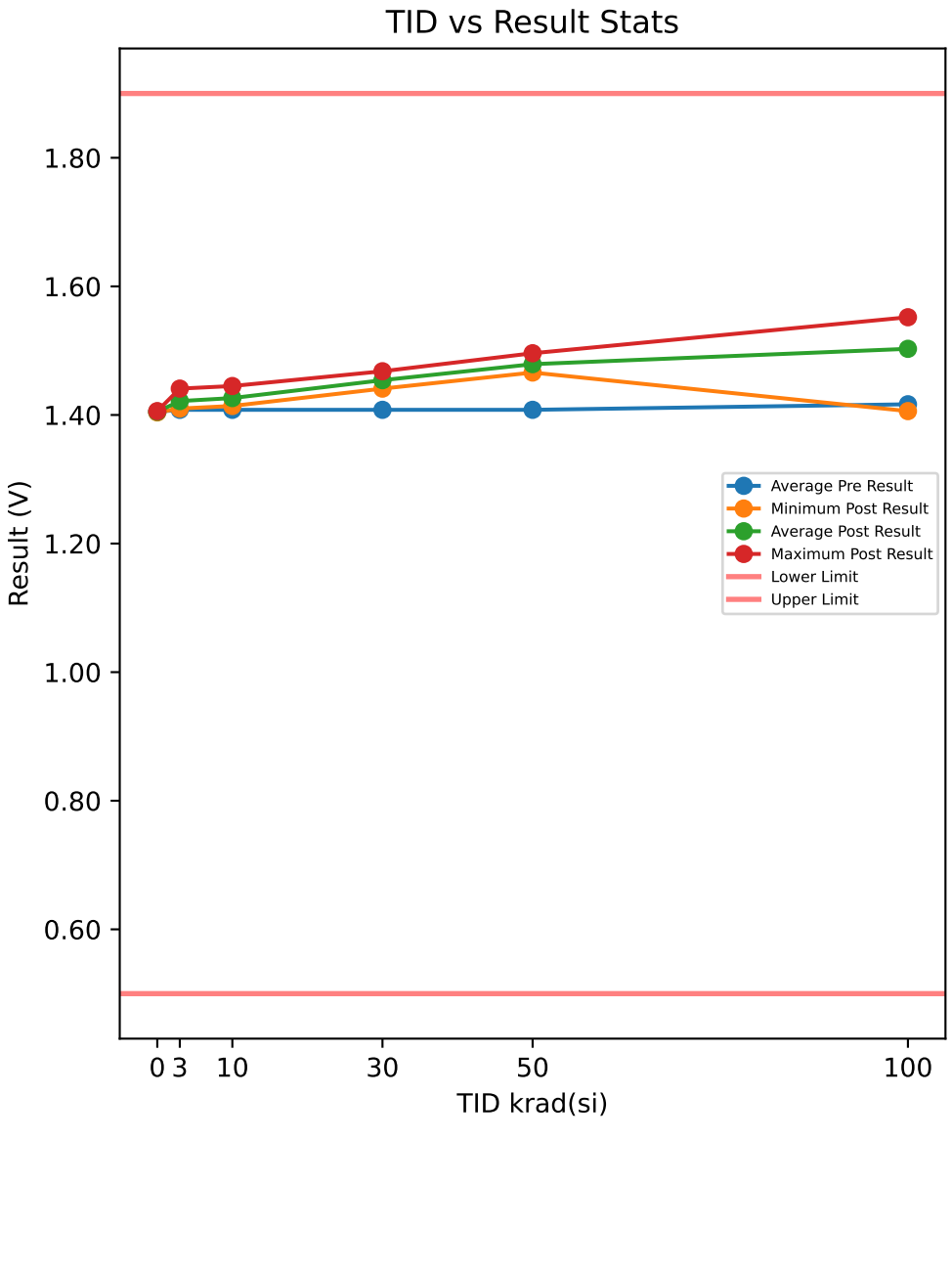
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

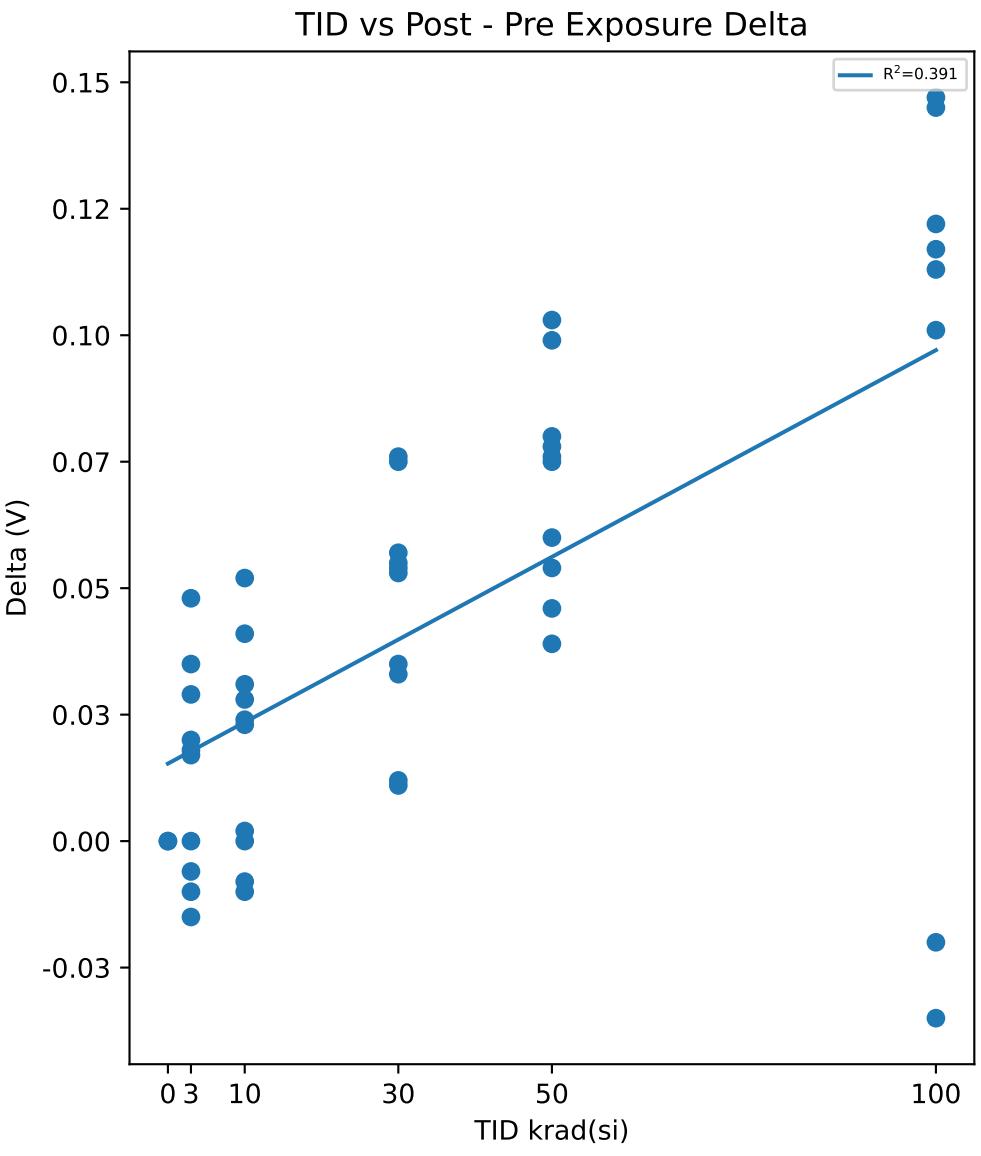
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.398	1.398	0
7	0	Correlation	1.402	1.402	0
16	3	LDR-Biased	1.424	1.412	-0.012
18	3	LDR-Biased	1.441	1.422	-0.019
19	3	LDR-Biased	1.389	1.433	0.044
20	3	LDR-Biased	1.402	1.426	0.024
21	3	LDR-Biased	1.406	1.404	-0.002
22	3	LDR-Unbiased	1.4	1.42	0.02
23	3	LDR-Unbiased	1.414	1.412	-0.002
25	3	LDR-Unbiased	1.371	1.408	0.037
26	3	LDR-Unbiased	1.397	1.414	0.017
27	3	LDR-Unbiased	1.387	1.402	0.015
46	10	LDR-Biased	1.424	1.412	-0.012
48	10	LDR-Biased	1.441	1.426	-0.015
49	10	LDR-Biased	1.389	1.437	0.048
50	10	LDR-Biased	1.402	1.428	0.026
51	10	LDR-Biased	1.406	1.408	0.002
52	10	LDR-Unbiased	1.4	1.426	0.026
53	10	LDR-Unbiased	1.414	1.416	0.002
55	10	LDR-Unbiased	1.371	1.414	0.043
56	10	LDR-Unbiased	1.397	1.422	0.025
57	10	LDR-Unbiased	1.387	1.408	0.021
76	30	LDR-Biased	1.424	1.431	0.007
78	30	LDR-Biased	1.441	1.449	0.008
79	30	LDR-Biased	1.389	1.461	0.072
80	30	LDR-Biased	1.402	1.449	0.047
81	30	LDR-Biased	1.406	1.439	0.033
82	30	LDR-Unbiased	1.4	1.459	0.059
83	30	LDR-Unbiased	1.414	1.449	0.035
84	30	LDR-Unbiased	1.387	1.437	0.05
85	30	LDR-Unbiased	1.371	1.449	0.078
86	30	LDR-Unbiased	1.397	1.449	0.052
87	100	LDR-Biased	1.389	1.534	0.145
88	100	LDR-Biased	1.42	1.402	-0.018
90	100	LDR-Biased	1.439	1.4	-0.039
91	100	LDR-Unbiased	1.402	1.519	0.117
93	100	LDR-Unbiased	1.406	1.523	0.117
94	100	LDR-Unbiased	1.422	1.544	0.122
95	100	LDR-Unbiased	1.422	1.523	0.101
96	100	LDR-Unbiased	1.387	1.529	0.142
106	50	LDR-Biased	1.424	1.468	0.044
108	50	LDR-Biased	1.441	1.476	0.035
109	50	LDR-Biased	1.389	1.486	0.097
110	50	LDR-Biased	1.402	1.474	0.072
111	50	LDR-Biased	1.406	1.459	0.053
112	50	LDR-Unbiased	1.4	1.478	0.078
113	50	LDR-Unbiased	1.414	1.476	0.062
115	50	LDR-Unbiased	1.371	1.472	0.101
116	50	LDR-Unbiased	1.397	1.476	0.079
117	50	LDR-Unbiased	1.387	1.461	0.074

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.398	1.4	1.402	0.0028284	1.398	1.4	1.402	0.0028284	0	0	0	0
3	1.371	1.4031	1.441	0.019824	1.402	1.4153	1.433	0.0098663	-0.019	0.0122	0.044	0.020601
10	1.371	1.4031	1.441	0.019824	1.408	1.4197	1.437	0.0096154	-0.015	0.0166	0.048	0.021583
30	1.371	1.4031	1.441	0.019824	1.431	1.4472	1.461	0.0093071	0.007	0.0441	0.078	0.0239
50	1.371	1.4031	1.441	0.019824	1.459	1.4726	1.486	0.0080719	0.035	0.0695	0.101	0.021361
100	1.387	1.4109	1.439	0.018019	1.4	1.4968	1.544	0.059608	-0.039	0.085875	0.145	0.072211

Device Test: 6.136 IN_VPOR_RISE_SEQ/SEQ_DONE/7//0/0/0/@VIN_VALID





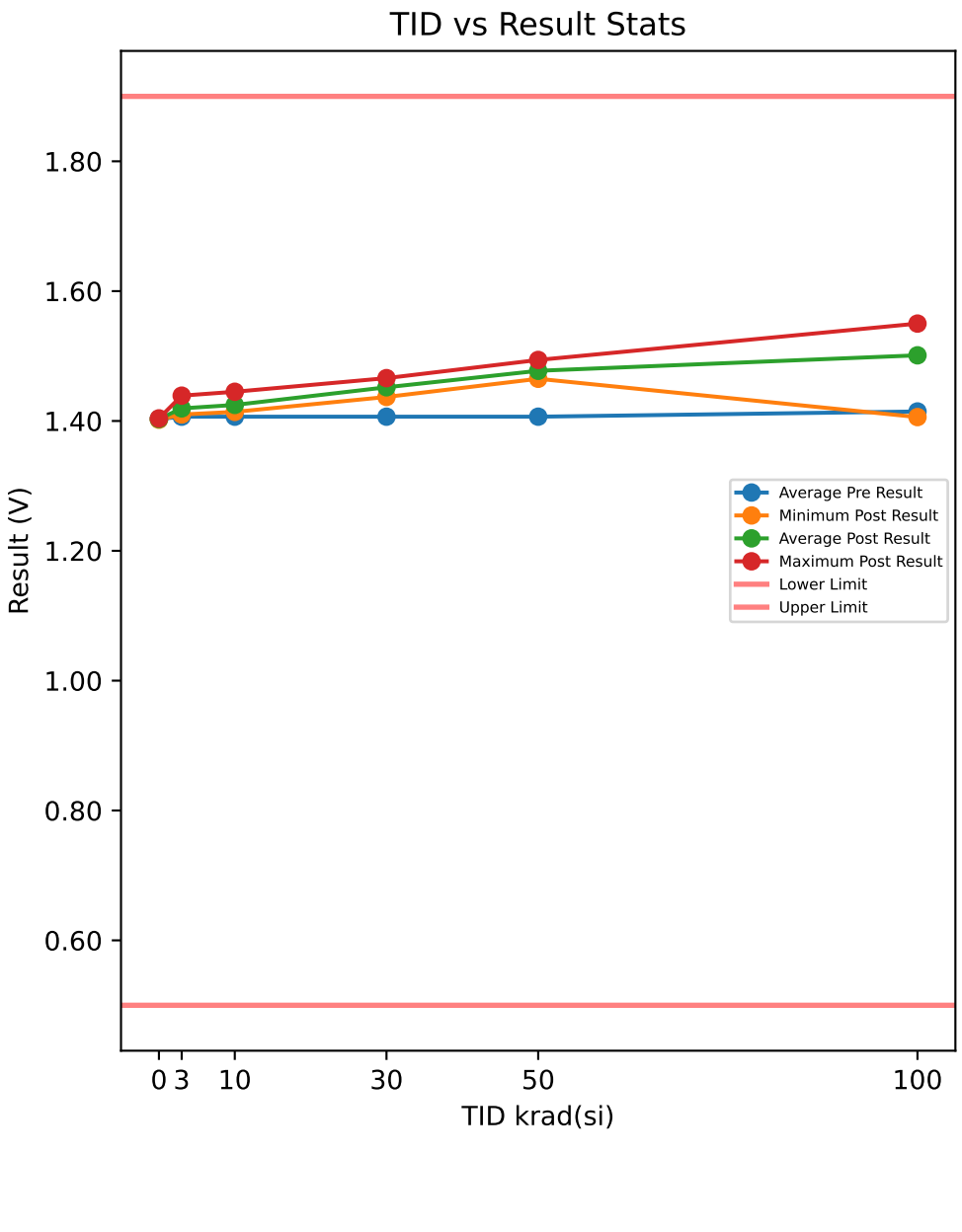
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

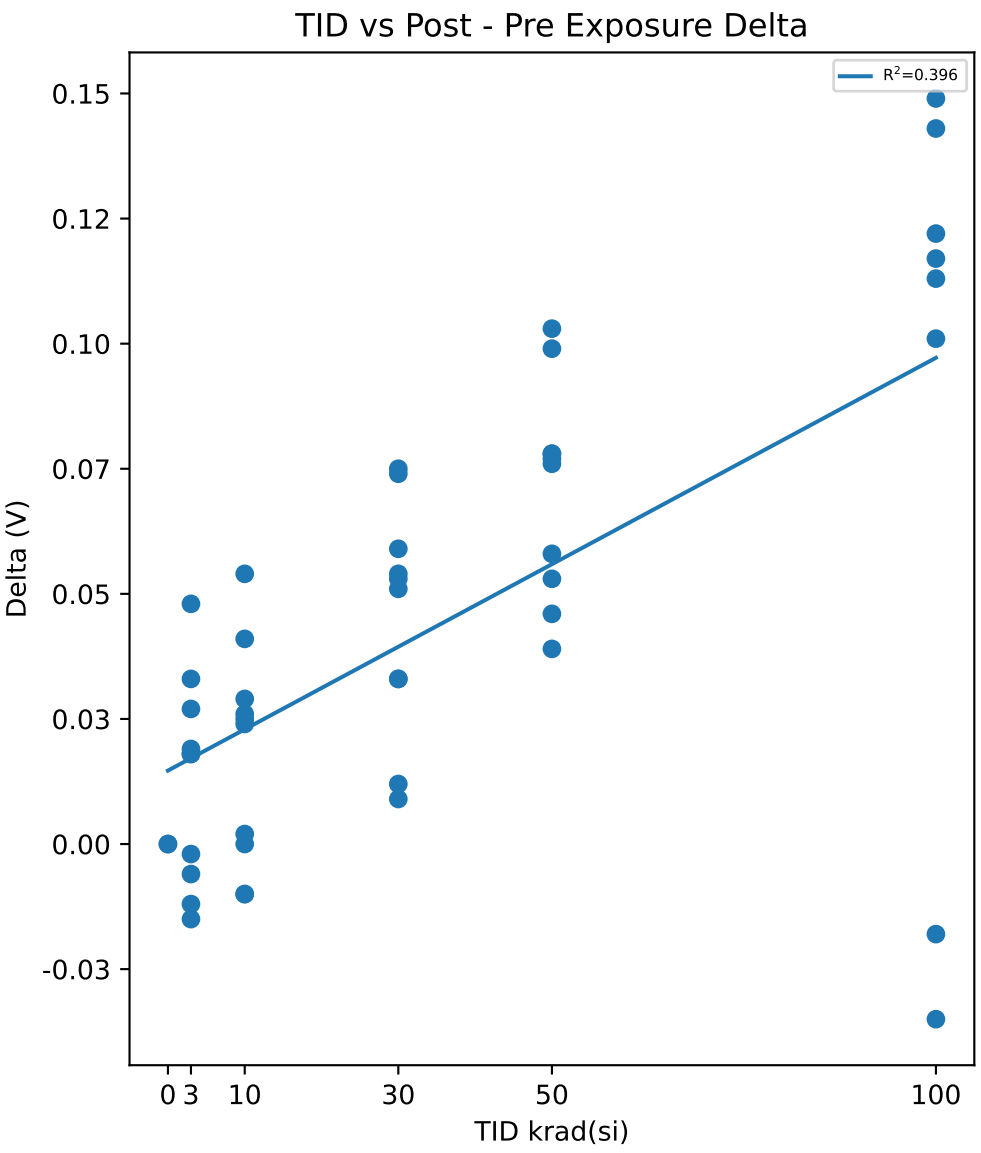
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.404	1.404	0
7	0	Correlation	1.406	1.406	0
16	3	LDR-Biased	1.43	1.42	-0.01
18	3	LDR-Biased	1.443	1.428	-0.015
19	3	LDR-Biased	1.393	1.441	0.048
20	3	LDR-Biased	1.404	1.433	0.029
21	3	LDR-Biased	1.412	1.412	0
22	3	LDR-Unbiased	1.406	1.424	0.018
23	3	LDR-Unbiased	1.42	1.414	-0.006
25	3	LDR-Unbiased	1.379	1.414	0.035
26	3	LDR-Unbiased	1.4	1.42	0.02
27	3	LDR-Unbiased	1.393	1.41	0.017
46	10	LDR-Biased	1.43	1.422	-0.008
48	10	LDR-Biased	1.443	1.433	-0.01
49	10	LDR-Biased	1.393	1.445	0.052
50	10	LDR-Biased	1.404	1.435	0.031
51	10	LDR-Biased	1.412	1.414	0.002
52	10	LDR-Unbiased	1.406	1.43	0.024
53	10	LDR-Unbiased	1.42	1.42	0
55	10	LDR-Unbiased	1.379	1.42	0.041
56	10	LDR-Unbiased	1.4	1.428	0.028
57	10	LDR-Unbiased	1.393	1.416	0.023
76	30	LDR-Biased	1.43	1.441	0.011
78	30	LDR-Biased	1.443	1.455	0.012
79	30	LDR-Biased	1.393	1.468	0.075
80	30	LDR-Biased	1.404	1.457	0.053
81	30	LDR-Biased	1.412	1.447	0.035
82	30	LDR-Unbiased	1.406	1.463	0.057
83	30	LDR-Unbiased	1.42	1.453	0.033
84	30	LDR-Unbiased	1.393	1.447	0.054
85	30	LDR-Unbiased	1.379	1.455	0.076
86	30	LDR-Unbiased	1.4	1.455	0.055
87	100	LDR-Biased	1.393	1.538	0.145
88	100	LDR-Biased	1.428	1.408	-0.02
90	100	LDR-Biased	1.441	1.406	-0.035
91	100	LDR-Unbiased	1.408	1.525	0.117
93	100	LDR-Unbiased	1.412	1.525	0.113
94	100	LDR-Unbiased	1.43	1.552	0.122
95	100	LDR-Unbiased	1.428	1.529	0.101
96	100	LDR-Unbiased	1.393	1.54	0.147
106	50	LDR-Biased	1.43	1.476	0.046
108	50	LDR-Biased	1.443	1.482	0.039
109	50	LDR-Biased	1.393	1.496	0.103
110	50	LDR-Biased	1.404	1.482	0.078
111	50	LDR-Biased	1.412	1.466	0.054
112	50	LDR-Unbiased	1.406	1.482	0.076
113	50	LDR-Unbiased	1.42	1.48	0.06
115	50	LDR-Unbiased	1.379	1.478	0.099
116	50	LDR-Unbiased	1.4	1.48	0.08
117	50	LDR-Unbiased	1.393	1.468	0.075

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.404	1.405	1.406	0.0014142	1.404	1.405	1.406	0.0014142	0	0	0	0
3	1.379	1.408	1.443	0.018985	1.41	1.4216	1.441	0.010002	-0.015	0.0136	0.048	0.020802
10	1.379	1.408	1.443	0.018985	1.414	1.4263	1.445	0.009673	-0.01	0.0183	0.052	0.021224
30	1.379	1.408	1.443	0.018985	1.441	1.4541	1.468	0.0078662	0.011	0.0461	0.076	0.022917
50	1.379	1.408	1.443	0.018985	1.466	1.479	1.496	0.0082865	0.039	0.071	0.103	0.021182
100	1.393	1.4166	1.441	0.017904	1.406	1.5029	1.552	0.059848	-0.035	0.08625	0.147	0.072001

Device Test: 6.137 IN_VPOR_RISE_PWRGD/PWRGD/7//0/0/0/@VIN_VALID





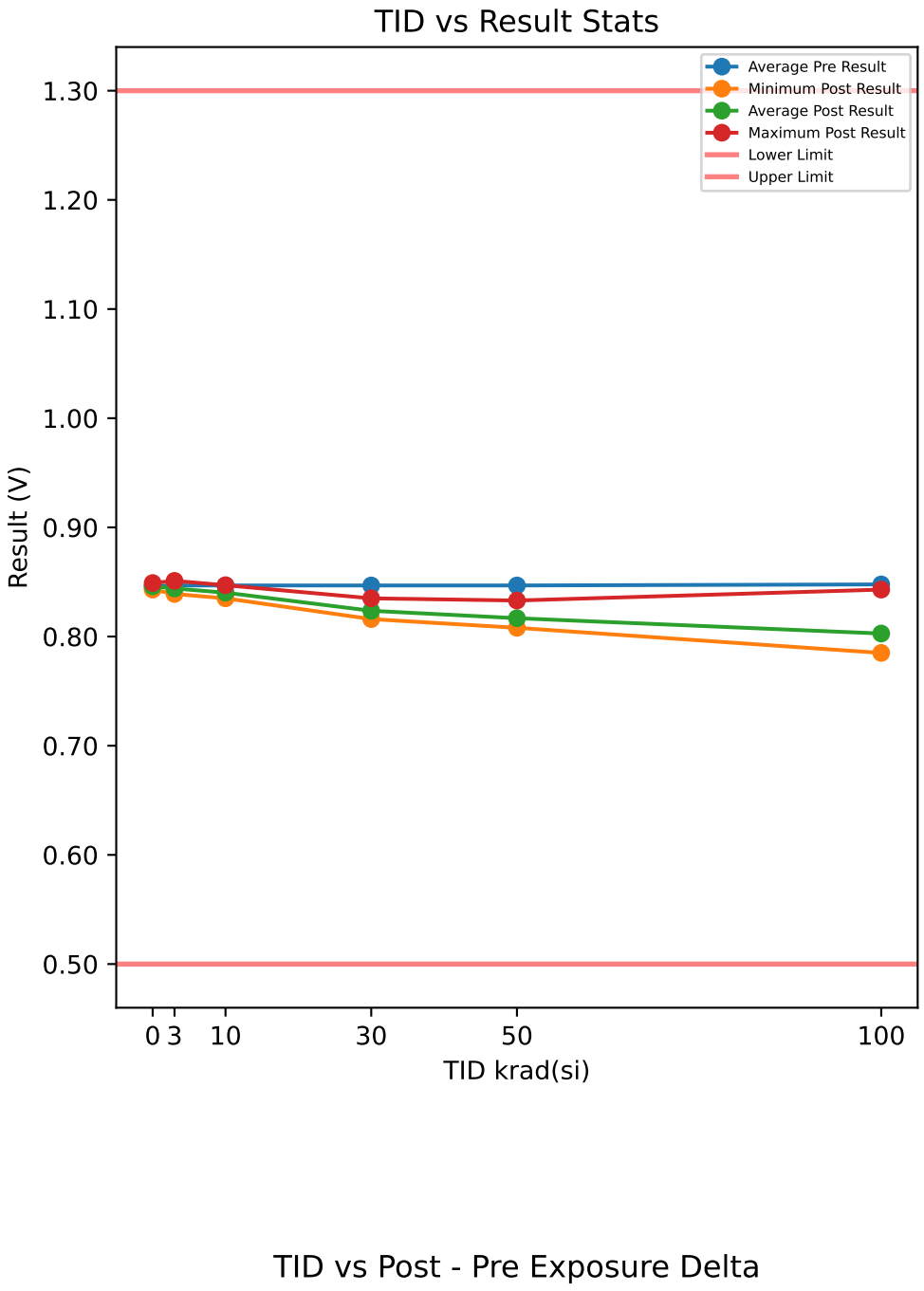
Test Results (Lower Limit = 0.5, Upper Limit = 1.9 (V))

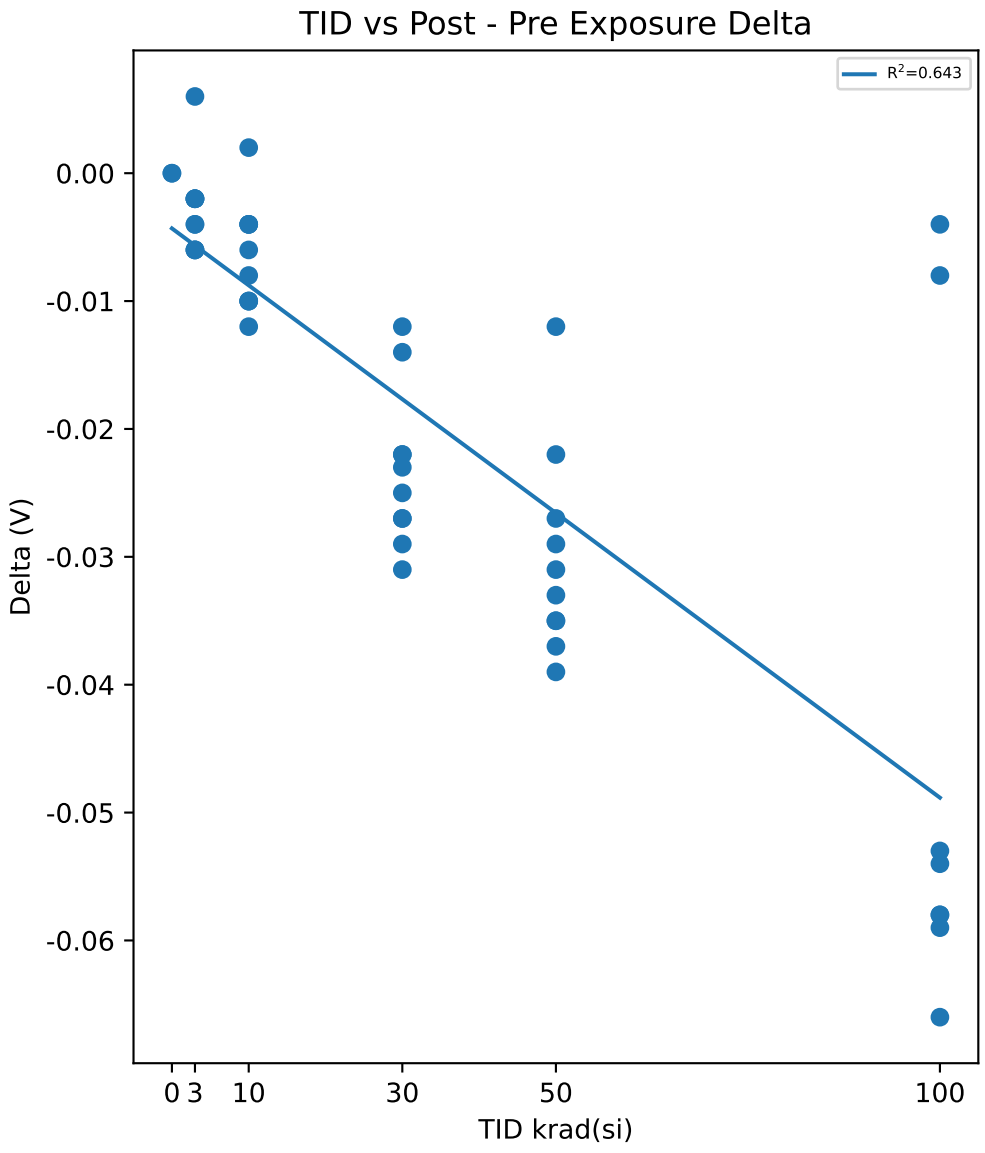
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.402	1.402	0
7	0	Correlation	1.404	1.404	0
16	3	LDR-Biased	1.428	1.416	-0.012
18	3	LDR-Biased	1.441	1.426	-0.015
19	3	LDR-Biased	1.391	1.439	0.048
20	3	LDR-Biased	1.404	1.431	0.027
21	3	LDR-Biased	1.412	1.41	-0.002
22	3	LDR-Unbiased	1.404	1.422	0.018
23	3	LDR-Unbiased	1.418	1.412	-0.006
25	3	LDR-Unbiased	1.377	1.41	0.033
26	3	LDR-Unbiased	1.4	1.418	0.018
27	3	LDR-Unbiased	1.391	1.41	0.019
46	10	LDR-Biased	1.428	1.418	-0.01
48	10	LDR-Biased	1.441	1.431	-0.01
49	10	LDR-Biased	1.391	1.445	0.054
50	10	LDR-Biased	1.404	1.433	0.029
51	10	LDR-Biased	1.412	1.414	0.002
52	10	LDR-Unbiased	1.404	1.428	0.024
53	10	LDR-Unbiased	1.418	1.418	0
55	10	LDR-Unbiased	1.377	1.418	0.041
56	10	LDR-Unbiased	1.4	1.426	0.026
57	10	LDR-Unbiased	1.391	1.416	0.025
76	30	LDR-Biased	1.428	1.437	0.009
78	30	LDR-Biased	1.441	1.453	0.012
79	30	LDR-Biased	1.391	1.466	0.075
80	30	LDR-Biased	1.404	1.455	0.051
81	30	LDR-Biased	1.412	1.445	0.033
82	30	LDR-Unbiased	1.404	1.463	0.059
83	30	LDR-Unbiased	1.418	1.451	0.033
84	30	LDR-Unbiased	1.391	1.445	0.054
85	30	LDR-Unbiased	1.377	1.451	0.074
86	30	LDR-Unbiased	1.4	1.453	0.053
87	100	LDR-Biased	1.393	1.536	0.143
88	100	LDR-Biased	1.424	1.406	-0.018
90	100	LDR-Biased	1.441	1.406	-0.035
91	100	LDR-Unbiased	1.406	1.523	0.117
93	100	LDR-Unbiased	1.412	1.525	0.113
94	100	LDR-Unbiased	1.428	1.55	0.122
95	100	LDR-Unbiased	1.424	1.525	0.101
96	100	LDR-Unbiased	1.389	1.538	0.149
106	50	LDR-Biased	1.428	1.474	0.046
108	50	LDR-Biased	1.441	1.48	0.039
109	50	LDR-Biased	1.391	1.494	0.103
110	50	LDR-Biased	1.404	1.48	0.076
111	50	LDR-Biased	1.412	1.465	0.053
112	50	LDR-Unbiased	1.404	1.482	0.078
113	50	LDR-Unbiased	1.418	1.476	0.058
115	50	LDR-Unbiased	1.377	1.476	0.099
116	50	LDR-Unbiased	1.4	1.478	0.078
117	50	LDR-Unbiased	1.391	1.468	0.077

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.402	1.403	1.404	0.0014142	1.402	1.403	1.404	0.0014142	0	0	0	0
3	1.377	1.4066	1.441	0.018916	1.41	1.4194	1.439	0.010013	-0.015	0.0128	0.048	0.020821
10	1.377	1.4066	1.441	0.018916	1.414	1.4247	1.445	0.0097644	-0.01	0.0181	0.054	0.021713
30	1.377	1.4066	1.441	0.018916	1.437	1.4519	1.466	0.0085173	0.009	0.0453	0.075	0.02307
50	1.377	1.4066	1.441	0.018916	1.465	1.4773	1.494	0.0079449	0.039	0.0707	0.103	0.021365
100	1.389	1.4146	1.441	0.017952	1.406	1.5011	1.55	0.059379	-0.035	0.0865	0.149	0.071598

Device Test: 6.138 PU1_VPOR_RISE_EN1/EN1//0/0/0/0.1/@VPULLUP_VALID





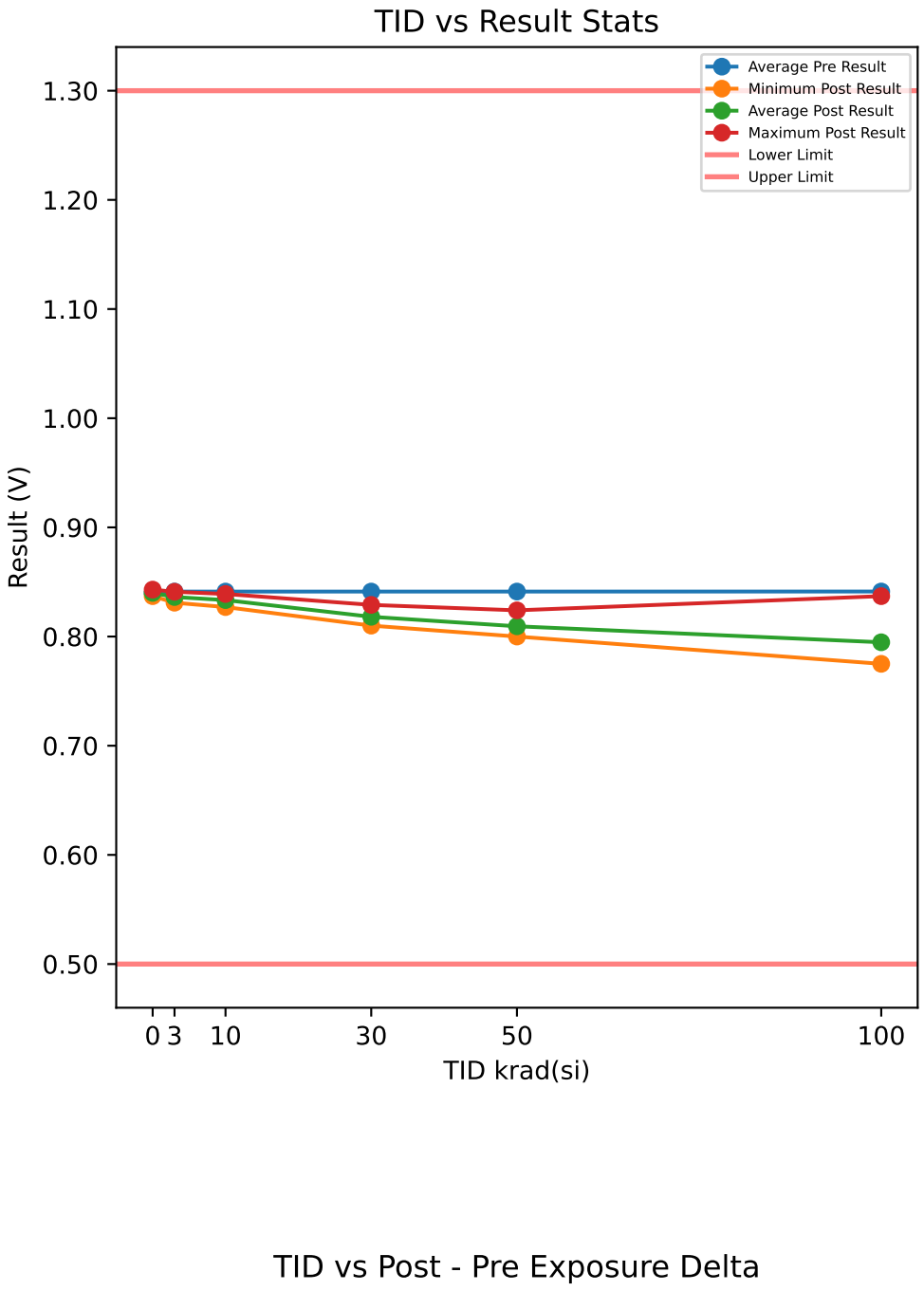
Test Results (Lower Limit = 0.5, Upper Limit = 1.3 (V))

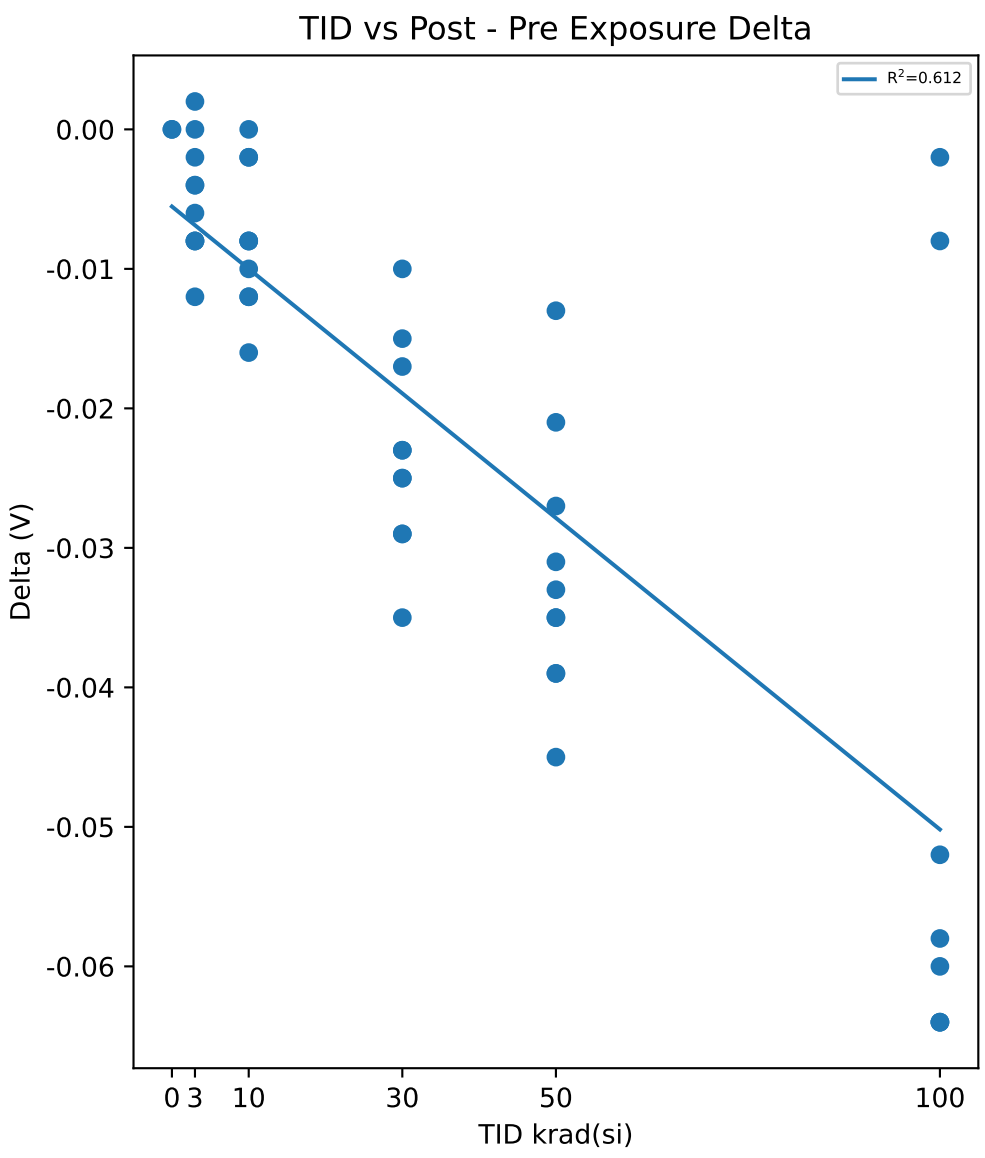
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.843	0.843	0
7	0	Correlation	0.849	0.849	0
16	3	LDR-Biased	0.851	0.849	-0.002
18	3	LDR-Biased	0.847	0.845	-0.002
19	3	LDR-Biased	0.847	0.845	-0.002
20	3	LDR-Biased	0.845	0.851	0.006
21	3	LDR-Biased	0.847	0.843	-0.004
22	3	LDR-Unbiased	0.851	0.845	-0.006
23	3	LDR-Unbiased	0.845	0.839	-0.006
25	3	LDR-Unbiased	0.843	0.841	-0.002
26	3	LDR-Unbiased	0.847	0.841	-0.006
27	3	LDR-Unbiased	0.845	0.841	-0.004
46	10	LDR-Biased	0.851	0.847	-0.004
48	10	LDR-Biased	0.847	0.843	-0.004
49	10	LDR-Biased	0.847	0.843	-0.004
50	10	LDR-Biased	0.845	0.847	0.002
51	10	LDR-Biased	0.847	0.841	-0.006
52	10	LDR-Unbiased	0.851	0.841	-0.01
53	10	LDR-Unbiased	0.845	0.835	-0.01
55	10	LDR-Unbiased	0.843	0.835	-0.008
56	10	LDR-Unbiased	0.847	0.835	-0.012
57	10	LDR-Unbiased	0.845	0.835	-0.01
76	30	LDR-Biased	0.851	0.829	-0.022
78	30	LDR-Biased	0.847	0.835	-0.012
79	30	LDR-Biased	0.847	0.825	-0.022
80	30	LDR-Biased	0.845	0.831	-0.014
81	30	LDR-Biased	0.847	0.824	-0.023
82	30	LDR-Unbiased	0.851	0.822	-0.029
83	30	LDR-Unbiased	0.845	0.818	-0.027
84	30	LDR-Unbiased	0.845	0.818	-0.027
85	30	LDR-Unbiased	0.843	0.818	-0.025
86	30	LDR-Unbiased	0.847	0.816	-0.031
87	100	LDR-Biased	0.845	0.787	-0.058
88	100	LDR-Biased	0.851	0.843	-0.008
90	100	LDR-Biased	0.847	0.843	-0.004
91	100	LDR-Unbiased	0.853	0.787	-0.066
93	100	LDR-Unbiased	0.847	0.794	-0.053
94	100	LDR-Unbiased	0.851	0.792	-0.059
95	100	LDR-Unbiased	0.843	0.785	-0.058
96	100	LDR-Unbiased	0.845	0.791	-0.054
106	50	LDR-Biased	0.851	0.824	-0.027
108	50	LDR-Biased	0.847	0.825	-0.022
109	50	LDR-Biased	0.847	0.818	-0.029
110	50	LDR-Biased	0.845	0.833	-0.012
111	50	LDR-Biased	0.847	0.816	-0.031
112	50	LDR-Unbiased	0.851	0.814	-0.037
113	50	LDR-Unbiased	0.845	0.81	-0.035
115	50	LDR-Unbiased	0.843	0.81	-0.033
116	50	LDR-Unbiased	0.847	0.808	-0.039
117	50	LDR-Unbiased	0.845	0.81	-0.035

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.843	0.846	0.849	0.0042426	0.843	0.846	0.849	0.0042426	0	0	0	0
3	0.843	0.8468	0.851	0.0025734	0.839	0.844	0.851	0.0038006	-0.006	-0.0028	0.006	0.0035528
10	0.843	0.8468	0.851	0.0025734	0.835	0.8402	0.847	0.0049171	-0.012	-0.0066	0.002	0.0042216
30	0.843	0.8468	0.851	0.0025734	0.816	0.8236	0.835	0.0064153	-0.031	-0.0232	-0.012	0.0061427
50	0.843	0.8468	0.851	0.0025734	0.808	0.8168	0.833	0.0082165	-0.039	-0.03	-0.012	0.0080829
100	0.843	0.84775	0.853	0.0035355	0.785	0.80275	0.843	0.025019	-0.066	-0.045	-0.004	0.024407

Device Test: 6.139 PU1_VPOR_RISE_EN2/EN2//0/0/0/0.1/@VPULLUP_VALID





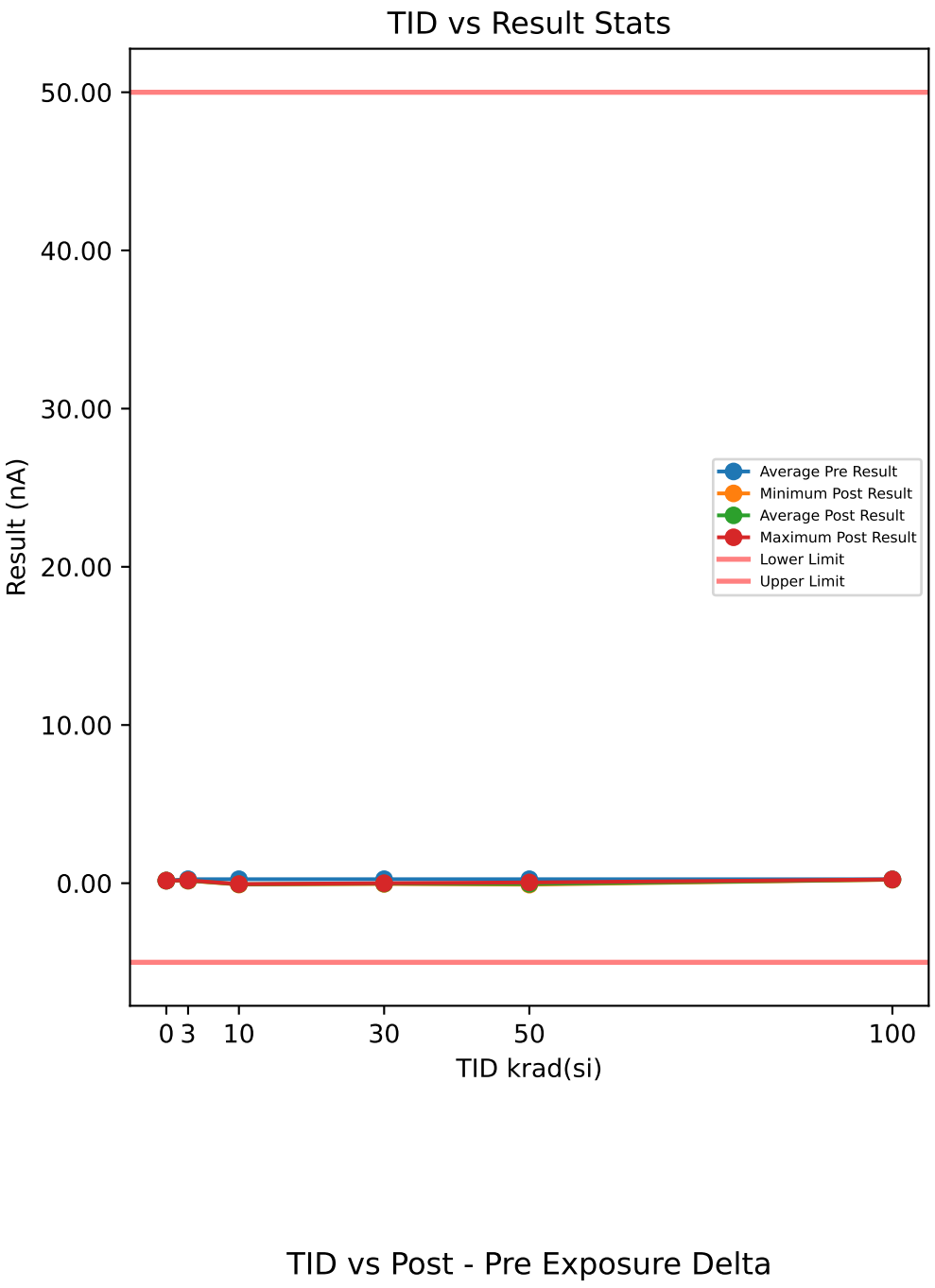
Test Results (Lower Limit = 0.5, Upper Limit = 1.3 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.837	0.837	0
7	0	Correlation	0.843	0.843	0
16	3	LDR-Biased	0.847	0.841	-0.006
18	3	LDR-Biased	0.839	0.837	-0.002
19	3	LDR-Biased	0.841	0.841	0
20	3	LDR-Biased	0.837	0.839	0.002
21	3	LDR-Biased	0.843	0.835	-0.008
22	3	LDR-Unbiased	0.847	0.839	-0.008
23	3	LDR-Unbiased	0.837	0.833	-0.004
25	3	LDR-Unbiased	0.837	0.833	-0.004
26	3	LDR-Unbiased	0.845	0.833	-0.012
27	3	LDR-Unbiased	0.839	0.831	-0.008
46	10	LDR-Biased	0.847	0.839	-0.008
48	10	LDR-Biased	0.839	0.837	-0.002
49	10	LDR-Biased	0.841	0.839	-0.002
50	10	LDR-Biased	0.837	0.837	0
51	10	LDR-Biased	0.843	0.833	-0.01
52	10	LDR-Unbiased	0.847	0.835	-0.012
53	10	LDR-Unbiased	0.837	0.829	-0.008
55	10	LDR-Unbiased	0.837	0.829	-0.008
56	10	LDR-Unbiased	0.845	0.829	-0.016
57	10	LDR-Unbiased	0.839	0.827	-0.012
76	30	LDR-Biased	0.847	0.824	-0.023
78	30	LDR-Biased	0.839	0.829	-0.01
79	30	LDR-Biased	0.841	0.824	-0.017
80	30	LDR-Biased	0.837	0.822	-0.015
81	30	LDR-Biased	0.843	0.818	-0.025
82	30	LDR-Unbiased	0.847	0.818	-0.029
83	30	LDR-Unbiased	0.837	0.814	-0.023
84	30	LDR-Unbiased	0.839	0.81	-0.029
85	30	LDR-Unbiased	0.837	0.812	-0.025
86	30	LDR-Unbiased	0.845	0.81	-0.035
87	100	LDR-Biased	0.837	0.777	-0.06
88	100	LDR-Biased	0.845	0.837	-0.008
90	100	LDR-Biased	0.839	0.837	-0.002
91	100	LDR-Unbiased	0.847	0.783	-0.064
93	100	LDR-Unbiased	0.843	0.791	-0.052
94	100	LDR-Unbiased	0.847	0.783	-0.064
95	100	LDR-Unbiased	0.833	0.775	-0.058
96	100	LDR-Unbiased	0.839	0.775	-0.064
106	50	LDR-Biased	0.847	0.816	-0.031
108	50	LDR-Biased	0.839	0.818	-0.021
109	50	LDR-Biased	0.841	0.814	-0.027
110	50	LDR-Biased	0.837	0.824	-0.013
111	50	LDR-Biased	0.843	0.808	-0.035
112	50	LDR-Unbiased	0.847	0.808	-0.039
113	50	LDR-Unbiased	0.837	0.804	-0.033
115	50	LDR-Unbiased	0.837	0.802	-0.035
116	50	LDR-Unbiased	0.845	0.8	-0.045
117	50	LDR-Unbiased	0.839	0.8	-0.039

Test Statistics (V)

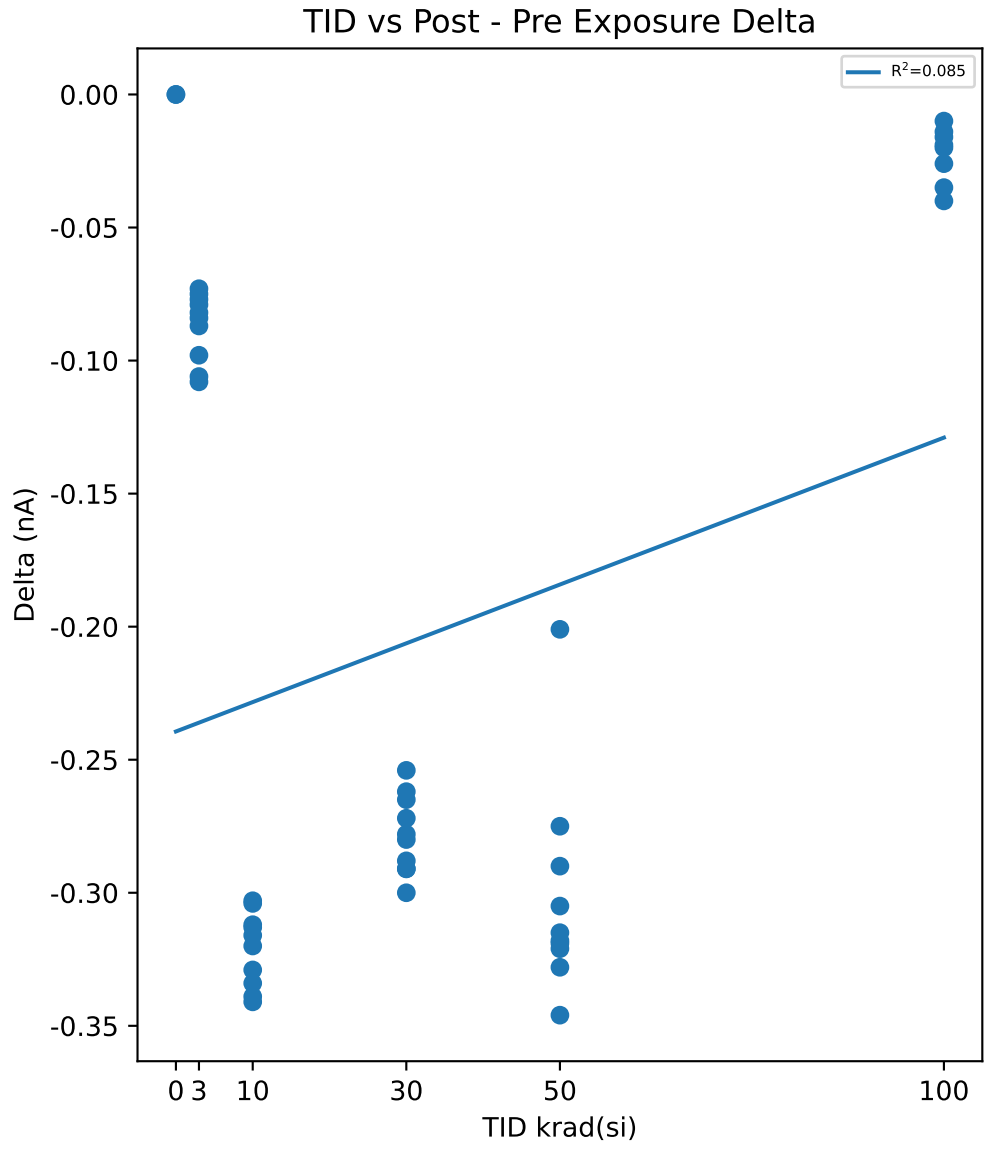
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.837	0.84	0.843	0.0042426	0.837	0.84	0.843	0.0042426	0	0	0	0
3	0.837	0.8412	0.847	0.0040497	0.831	0.8362	0.841	0.0036757	-0.012	-0.005	0.002	0.0042426
10	0.837	0.8412	0.847	0.0040497	0.827	0.8334	0.839	0.0045995	-0.016	-0.0078	0	0.0051164
30	0.837	0.8412	0.847	0.0040497	0.81	0.8181	0.829	0.0065735	-0.035	-0.0231	-0.01	0.0074005
50	0.837	0.8412	0.847	0.0040497	0.8	0.8094	0.824	0.0082758	-0.045	-0.0318	-0.013	0.0093903
100	0.833	0.84125	0.847	0.0050639	0.775	0.79475	0.837	0.026607	-0.064	-0.0465	-0.002	0.025984

Device Test: 6.14 ILKG_UP/UP//14/0/0/0/@ILKG_UP_DOWN



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

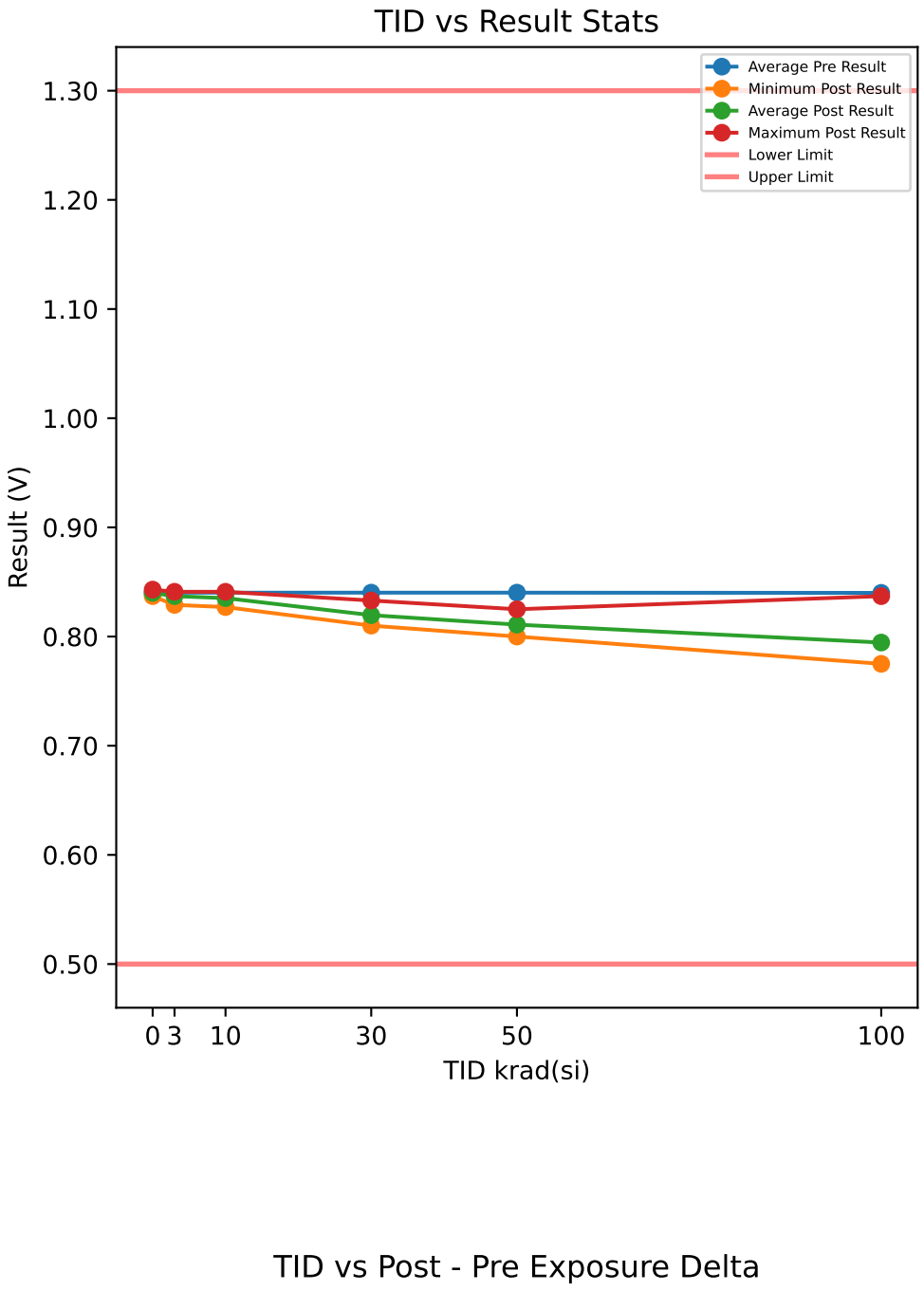
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.163	0.163	0
7	0	Correlation	0.16	0.16	0
16	3	LDR-Biased	0.253	0.169	-0.084
18	3	LDR-Biased	0.243	0.168	-0.075
19	3	LDR-Biased	0.264	0.156	-0.108
20	3	LDR-Biased	0.265	0.159	-0.106
21	3	LDR-Biased	0.244	0.157	-0.087
22	3	LDR-Unbiased	0.238	0.161	-0.077
23	3	LDR-Unbiased	0.255	0.157	-0.098
25	3	LDR-Unbiased	0.254	0.181	-0.073
26	3	LDR-Unbiased	0.253	0.174	-0.079
27	3	LDR-Unbiased	0.248	0.166	-0.082
46	10	LDR-Biased	0.253	-0.059	-0.312
48	10	LDR-Biased	0.243	-0.06	-0.303
49	10	LDR-Biased	0.264	-0.065	-0.329
50	10	LDR-Biased	0.265	-0.074	-0.339
51	10	LDR-Biased	0.244	-0.069	-0.313
52	10	LDR-Unbiased	0.238	-0.082	-0.32
53	10	LDR-Unbiased	0.255	-0.086	-0.341
55	10	LDR-Unbiased	0.254	-0.062	-0.316
56	10	LDR-Unbiased	0.253	-0.081	-0.334
57	10	LDR-Unbiased	0.248	-0.056	-0.304
76	30	LDR-Biased	0.253	-0.001	-0.254
78	30	LDR-Biased	0.243	-0.035	-0.278
79	30	LDR-Biased	0.264	-0.027	-0.291
80	30	LDR-Biased	0.265	-0.026	-0.291
81	30	LDR-Biased	0.244	-0.018	-0.262
82	30	LDR-Unbiased	0.238	-0.034	-0.272
83	30	LDR-Unbiased	0.255	-0.033	-0.288
84	30	LDR-Unbiased	0.248	-0.017	-0.265
85	30	LDR-Unbiased	0.254	-0.046	-0.3
86	30	LDR-Unbiased	0.253	-0.027	-0.28
87	100	LDR-Biased	0.241	0.222	-0.019
88	100	LDR-Biased	0.261	0.221	-0.04
90	100	LDR-Biased	0.247	0.221	-0.026
91	100	LDR-Unbiased	0.239	0.225	-0.014
93	100	LDR-Unbiased	0.247	0.227	-0.02
94	100	LDR-Unbiased	0.254	0.219	-0.035
95	100	LDR-Unbiased	0.249	0.233	-0.016
96	100	LDR-Unbiased	0.247	0.237	-0.01
106	50	LDR-Biased	0.253	-0.052	-0.305
108	50	LDR-Biased	0.243	-0.032	-0.275
109	50	LDR-Biased	0.264	-0.055	-0.319
110	50	LDR-Biased	0.265	-0.063	-0.328
111	50	LDR-Biased	0.244	-0.074	-0.318
112	50	LDR-Unbiased	0.238	-0.052	-0.29
113	50	LDR-Unbiased	0.255	-0.06	-0.315
115	50	LDR-Unbiased	0.254	-0.092	-0.346
116	50	LDR-Unbiased	0.253	-0.068	-0.321
117	50	LDR-Unbiased	0.248	0.047	-0.201

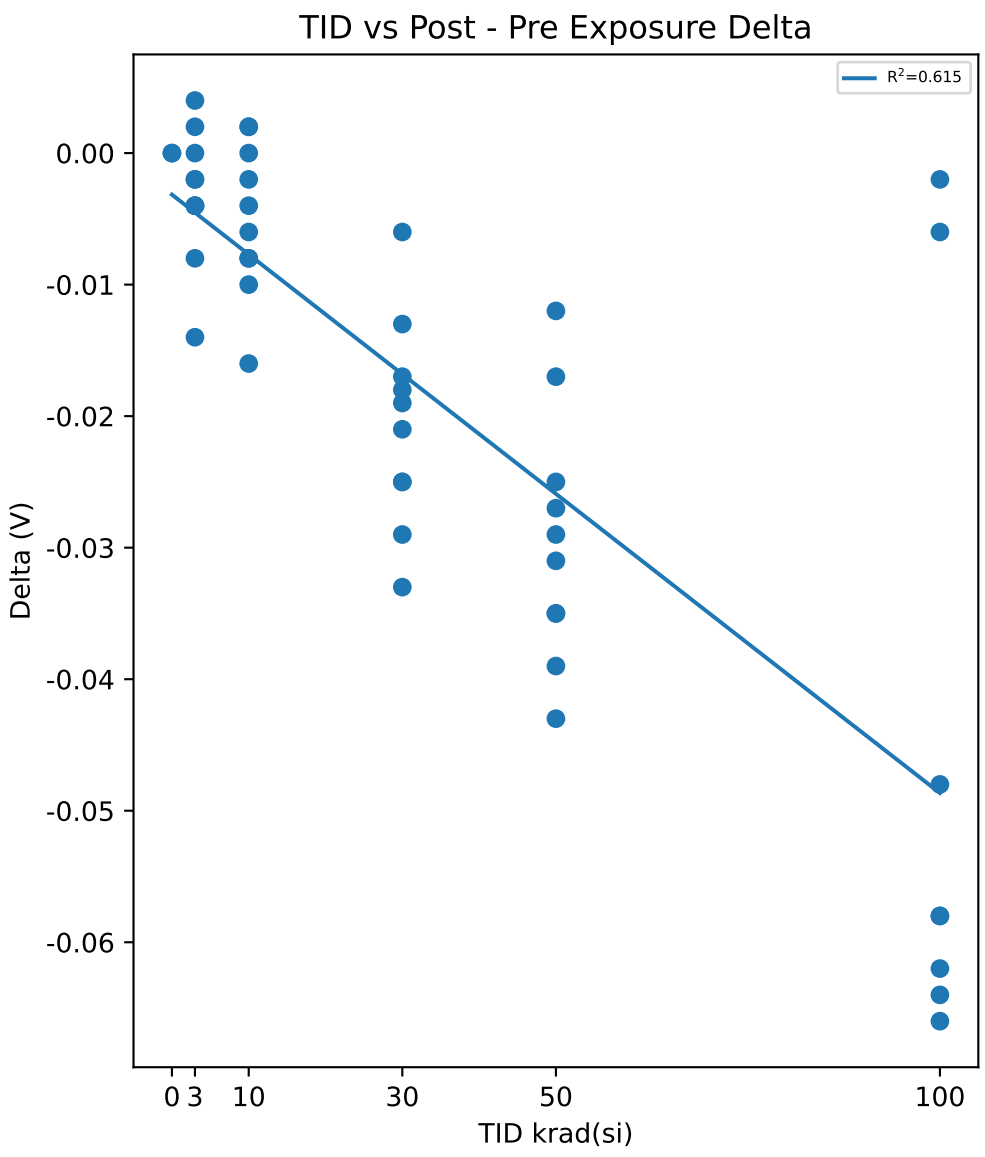


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.16	0.1615	0.163	0.0021213	0.16	0.1615	0.163	0.0021213	0	0	0	0
3	0.238	0.2517	0.265	0.0087184	0.156	0.1648	0.181	0.008324	-0.108	-0.0869	-0.073	0.012741
10	0.238	0.2517	0.265	0.0087184	-0.086	-0.0694	-0.056	0.010752	-0.341	-0.3211	-0.303	0.013908
30	0.238	0.2517	0.265	0.0087184	-0.046	-0.0264	-0.001	0.012313	-0.3	-0.2781	-0.254	0.014768
50	0.238	0.2517	0.265	0.0087184	-0.092	-0.0501	0.047	0.037563	-0.346	-0.3018	-0.201	0.04051
100	0.239	0.24812	0.261	0.0069578	0.219	0.22562	0.237	0.0063906	-0.04	-0.0225	-0.01	0.010447

Device Test: 6.140 PU1_VPOR_RISE_EN3/EN3//0/0/0/0.1/@VPULLUP_VALID





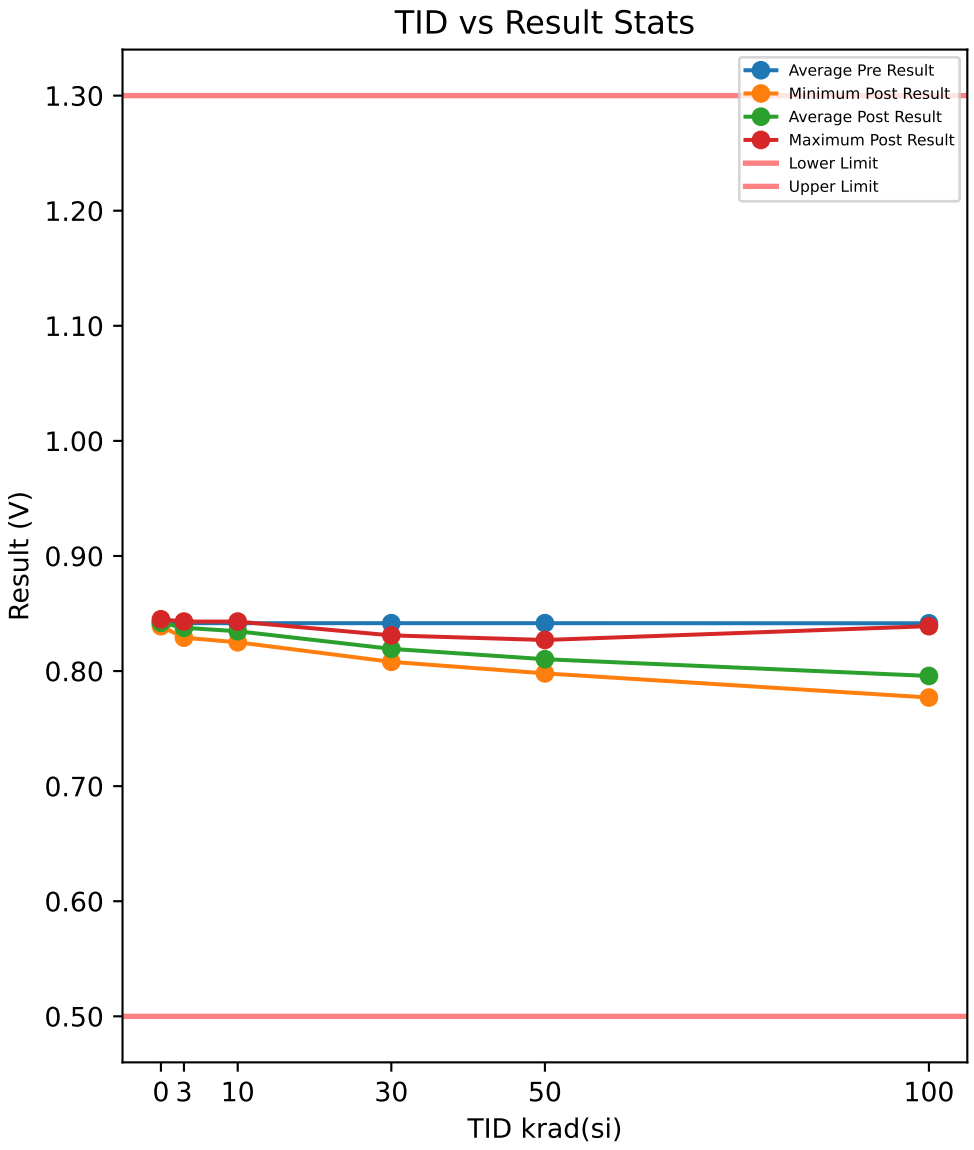
Test Results (Lower Limit = 0.5, Upper Limit = 1.3 (V))

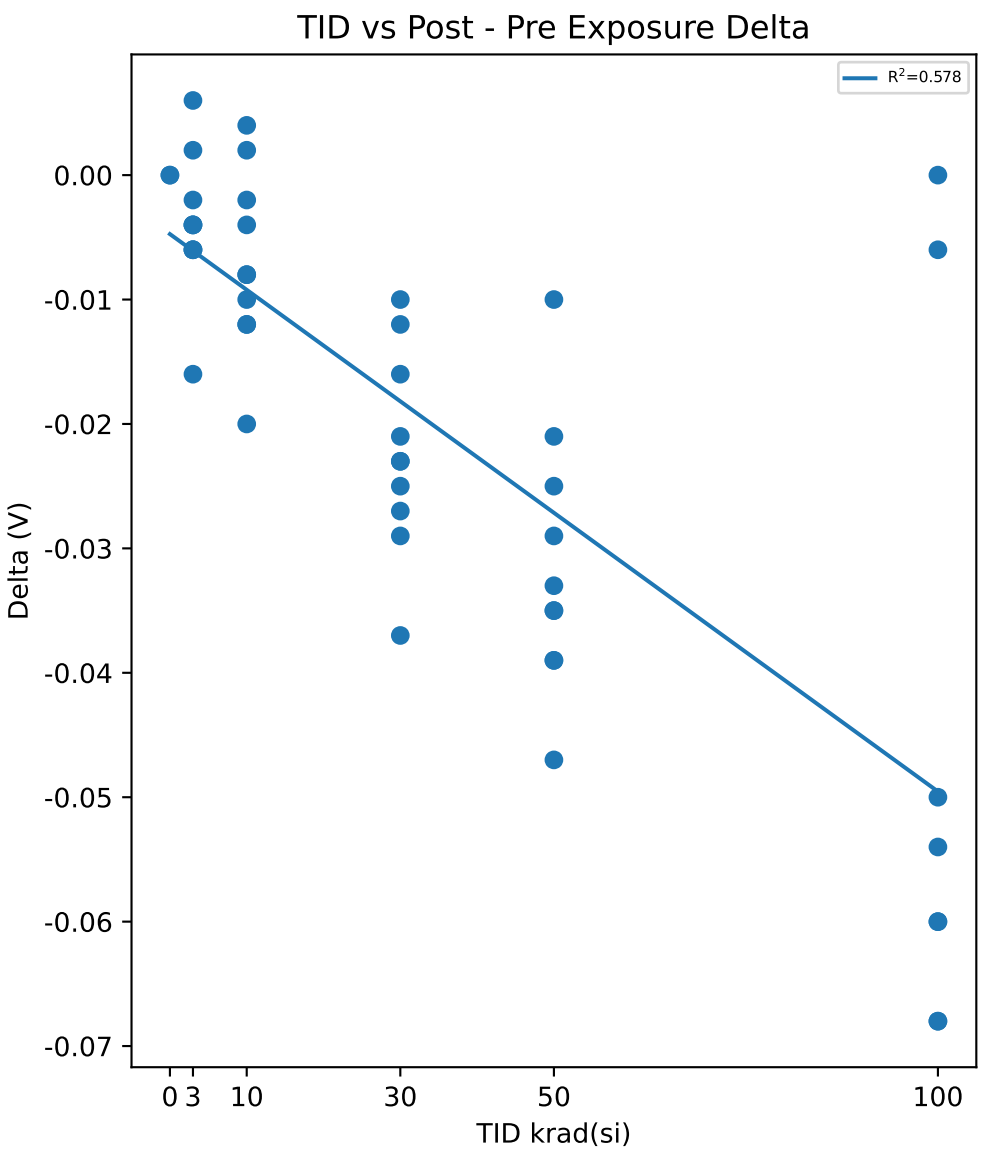
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.837	0.837	0
7	0	Correlation	0.843	0.843	0
16	3	LDR-Biased	0.843	0.841	-0.002
18	3	LDR-Biased	0.839	0.841	0.002
19	3	LDR-Biased	0.841	0.841	0
20	3	LDR-Biased	0.837	0.841	0.004
21	3	LDR-Biased	0.839	0.835	-0.004
22	3	LDR-Unbiased	0.845	0.841	-0.004
23	3	LDR-Unbiased	0.835	0.833	-0.002
25	3	LDR-Unbiased	0.839	0.835	-0.004
26	3	LDR-Unbiased	0.841	0.833	-0.008
27	3	LDR-Unbiased	0.843	0.829	-0.014
46	10	LDR-Biased	0.843	0.841	-0.002
48	10	LDR-Biased	0.839	0.841	0.002
49	10	LDR-Biased	0.841	0.841	0
50	10	LDR-Biased	0.837	0.839	0.002
51	10	LDR-Biased	0.839	0.835	-0.004
52	10	LDR-Unbiased	0.845	0.837	-0.008
53	10	LDR-Unbiased	0.835	0.829	-0.006
55	10	LDR-Unbiased	0.839	0.831	-0.008
56	10	LDR-Unbiased	0.841	0.831	-0.01
57	10	LDR-Unbiased	0.843	0.827	-0.016
76	30	LDR-Biased	0.843	0.825	-0.018
78	30	LDR-Biased	0.839	0.833	-0.006
79	30	LDR-Biased	0.841	0.824	-0.017
80	30	LDR-Biased	0.837	0.824	-0.013
81	30	LDR-Biased	0.839	0.82	-0.019
82	30	LDR-Unbiased	0.845	0.82	-0.025
83	30	LDR-Unbiased	0.835	0.814	-0.021
84	30	LDR-Unbiased	0.843	0.81	-0.033
85	30	LDR-Unbiased	0.839	0.814	-0.025
86	30	LDR-Unbiased	0.841	0.812	-0.029
87	100	LDR-Biased	0.835	0.777	-0.058
88	100	LDR-Biased	0.843	0.837	-0.006
90	100	LDR-Biased	0.839	0.837	-0.002
91	100	LDR-Unbiased	0.845	0.781	-0.064
93	100	LDR-Unbiased	0.839	0.791	-0.048
94	100	LDR-Unbiased	0.843	0.781	-0.062
95	100	LDR-Unbiased	0.833	0.775	-0.058
96	100	LDR-Unbiased	0.843	0.777	-0.066
106	50	LDR-Biased	0.843	0.818	-0.025
108	50	LDR-Biased	0.839	0.822	-0.017
109	50	LDR-Biased	0.841	0.814	-0.027
110	50	LDR-Biased	0.837	0.825	-0.012
111	50	LDR-Biased	0.839	0.81	-0.029
112	50	LDR-Unbiased	0.845	0.81	-0.035
113	50	LDR-Unbiased	0.835	0.804	-0.031
115	50	LDR-Unbiased	0.839	0.804	-0.035
116	50	LDR-Unbiased	0.841	0.802	-0.039
117	50	LDR-Unbiased	0.843	0.8	-0.043

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.837	0.84	0.843	0.0042426	0.837	0.84	0.843	0.0042426	0	0	0	0
3	0.835	0.8402	0.845	0.0030111	0.829	0.837	0.841	0.0045216	-0.014	-0.0032	0.004	0.0050947
10	0.835	0.8402	0.845	0.0030111	0.827	0.8352	0.841	0.0053707	-0.016	-0.005	0.002	0.0057542
30	0.835	0.8402	0.845	0.0030111	0.81	0.8196	0.833	0.0071523	-0.033	-0.0206	-0.006	0.0078627
50	0.835	0.8402	0.845	0.0030111	0.8	0.8109	0.825	0.0086724	-0.043	-0.0293	-0.012	0.009569
100	0.833	0.84	0.845	0.0042762	0.775	0.7945	0.837	0.026678	-0.066	-0.0455	-0.002	0.026203

Device Test: 6.141 PU1_VPOR_RISE_EN4/EN4//0/0/0/0.1/@VPULLUP_VALID





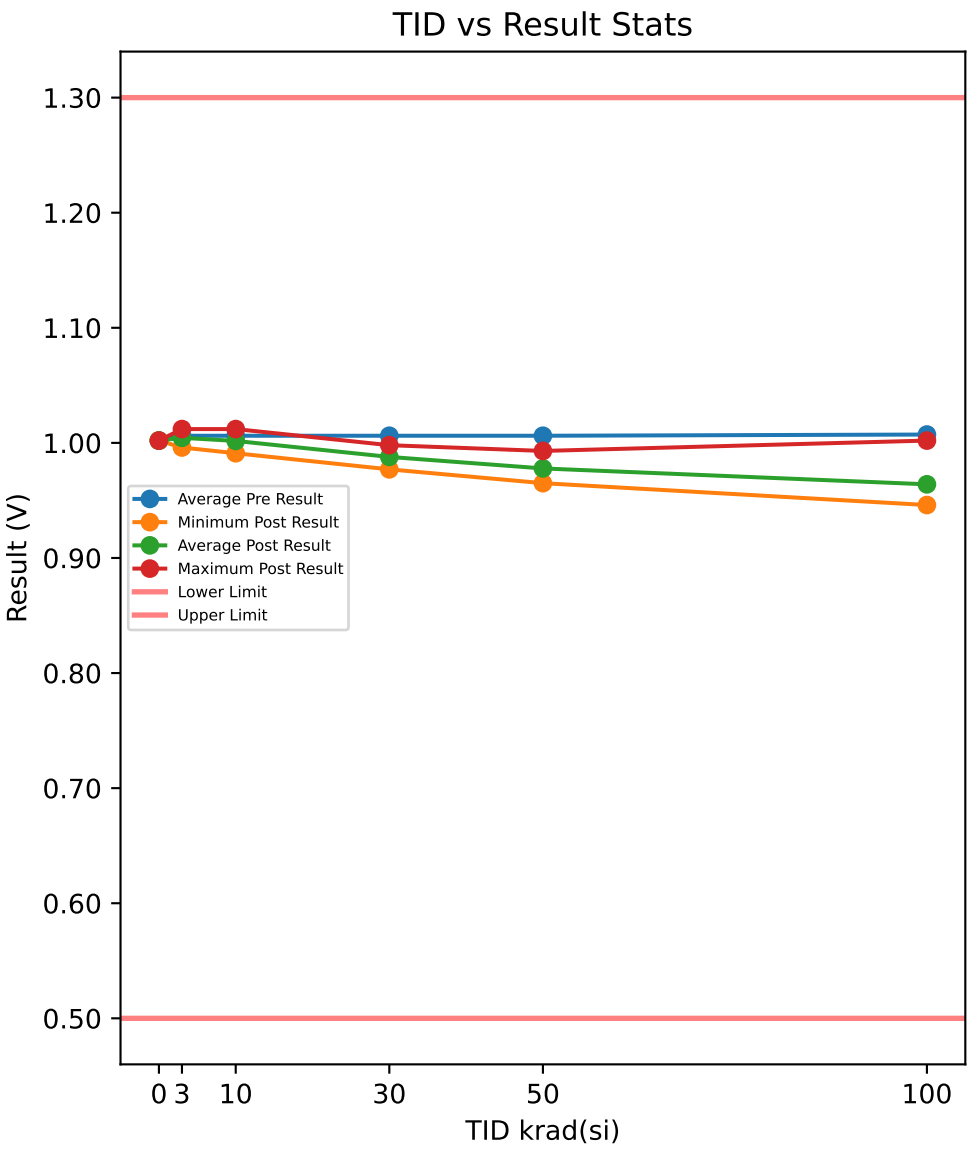
Test Results (Lower Limit = 0.5, Upper Limit = 1.3 (V))

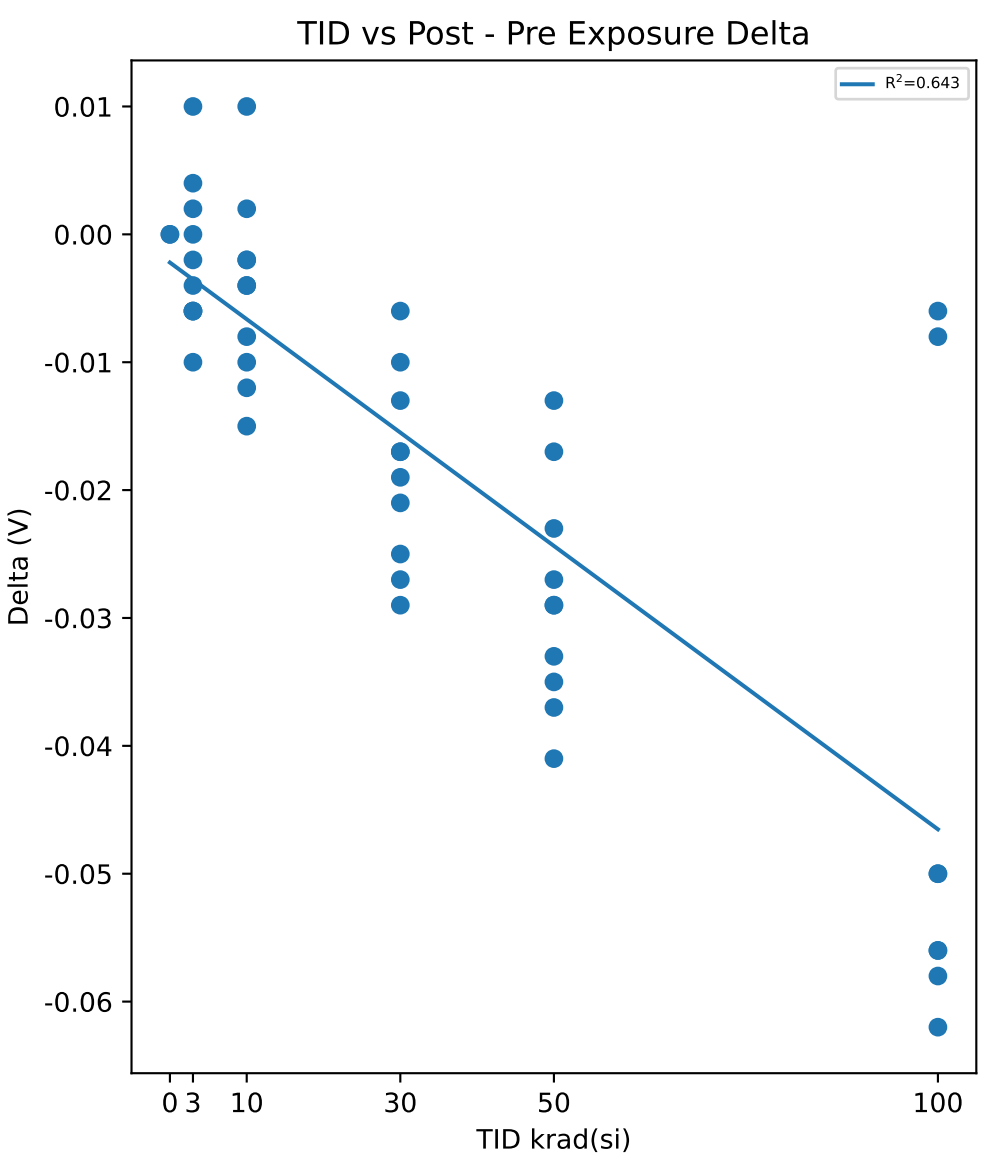
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.839	0.839	0
7	0	Correlation	0.845	0.845	0
16	3	LDR-Biased	0.845	0.841	-0.004
18	3	LDR-Biased	0.841	0.839	-0.002
19	3	LDR-Biased	0.841	0.843	0.002
20	3	LDR-Biased	0.837	0.843	0.006
21	3	LDR-Biased	0.841	0.835	-0.006
22	3	LDR-Unbiased	0.847	0.841	-0.006
23	3	LDR-Unbiased	0.839	0.835	-0.004
25	3	LDR-Unbiased	0.839	0.835	-0.004
26	3	LDR-Unbiased	0.841	0.835	-0.006
27	3	LDR-Unbiased	0.845	0.829	-0.016
46	10	LDR-Biased	0.845	0.841	-0.004
48	10	LDR-Biased	0.841	0.839	-0.002
49	10	LDR-Biased	0.841	0.843	0.002
50	10	LDR-Biased	0.837	0.841	0.004
51	10	LDR-Biased	0.841	0.833	-0.008
52	10	LDR-Unbiased	0.847	0.835	-0.012
53	10	LDR-Unbiased	0.839	0.829	-0.01
55	10	LDR-Unbiased	0.839	0.831	-0.008
56	10	LDR-Unbiased	0.841	0.829	-0.012
57	10	LDR-Unbiased	0.845	0.825	-0.02
76	30	LDR-Biased	0.845	0.824	-0.021
78	30	LDR-Biased	0.841	0.831	-0.01
79	30	LDR-Biased	0.841	0.825	-0.016
80	30	LDR-Biased	0.837	0.825	-0.012
81	30	LDR-Biased	0.841	0.818	-0.023
82	30	LDR-Unbiased	0.847	0.82	-0.027
83	30	LDR-Unbiased	0.839	0.816	-0.023
84	30	LDR-Unbiased	0.845	0.808	-0.037
85	30	LDR-Unbiased	0.839	0.814	-0.025
86	30	LDR-Unbiased	0.841	0.812	-0.029
87	100	LDR-Biased	0.837	0.777	-0.06
88	100	LDR-Biased	0.845	0.839	-0.006
90	100	LDR-Biased	0.839	0.839	0
91	100	LDR-Unbiased	0.847	0.779	-0.068
93	100	LDR-Unbiased	0.841	0.791	-0.05
94	100	LDR-Unbiased	0.845	0.785	-0.06
95	100	LDR-Unbiased	0.833	0.779	-0.054
96	100	LDR-Unbiased	0.845	0.777	-0.068
106	50	LDR-Biased	0.845	0.816	-0.029
108	50	LDR-Biased	0.841	0.82	-0.021
109	50	LDR-Biased	0.841	0.816	-0.025
110	50	LDR-Biased	0.837	0.827	-0.01
111	50	LDR-Biased	0.841	0.808	-0.033
112	50	LDR-Unbiased	0.847	0.808	-0.039
113	50	LDR-Unbiased	0.839	0.804	-0.035
115	50	LDR-Unbiased	0.839	0.804	-0.035
116	50	LDR-Unbiased	0.841	0.802	-0.039
117	50	LDR-Unbiased	0.845	0.798	-0.047

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.839	0.842	0.845	0.0042426	0.839	0.842	0.845	0.0042426	0	0	0	0
3	0.837	0.8416	0.847	0.003134	0.829	0.8376	0.843	0.0045265	-0.016	-0.004	0.006	0.0057349
10	0.837	0.8416	0.847	0.003134	0.825	0.8346	0.843	0.006168	-0.02	-0.007	0.004	0.0071957
30	0.837	0.8416	0.847	0.003134	0.808	0.8193	0.831	0.0070404	-0.037	-0.0223	-0.01	0.0080973
50	0.837	0.8416	0.847	0.003134	0.798	0.8103	0.827	0.0091171	-0.047	-0.0313	-0.01	0.010541
100	0.833	0.8415	0.847	0.0048697	0.777	0.79575	0.839	0.027107	-0.068	-0.04575	0	0.027139

Device Test: 6.142 PU2_VPOR_RISE_SEQ/SEQ_DONE//0/0/0/0.1/@VPULLUP_VALID





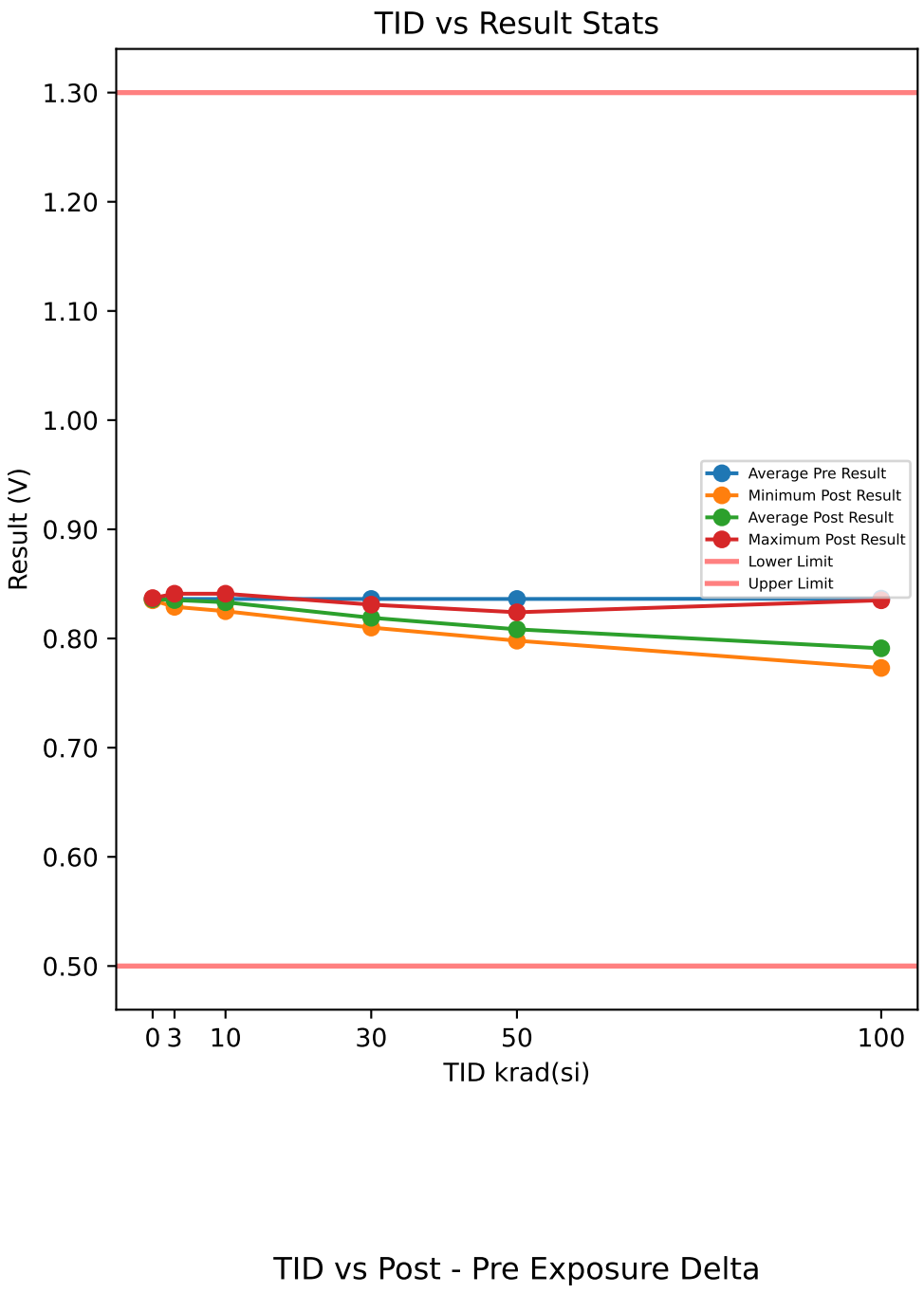
Test Results (Lower Limit = 0.5, Upper Limit = 1.3 (V))

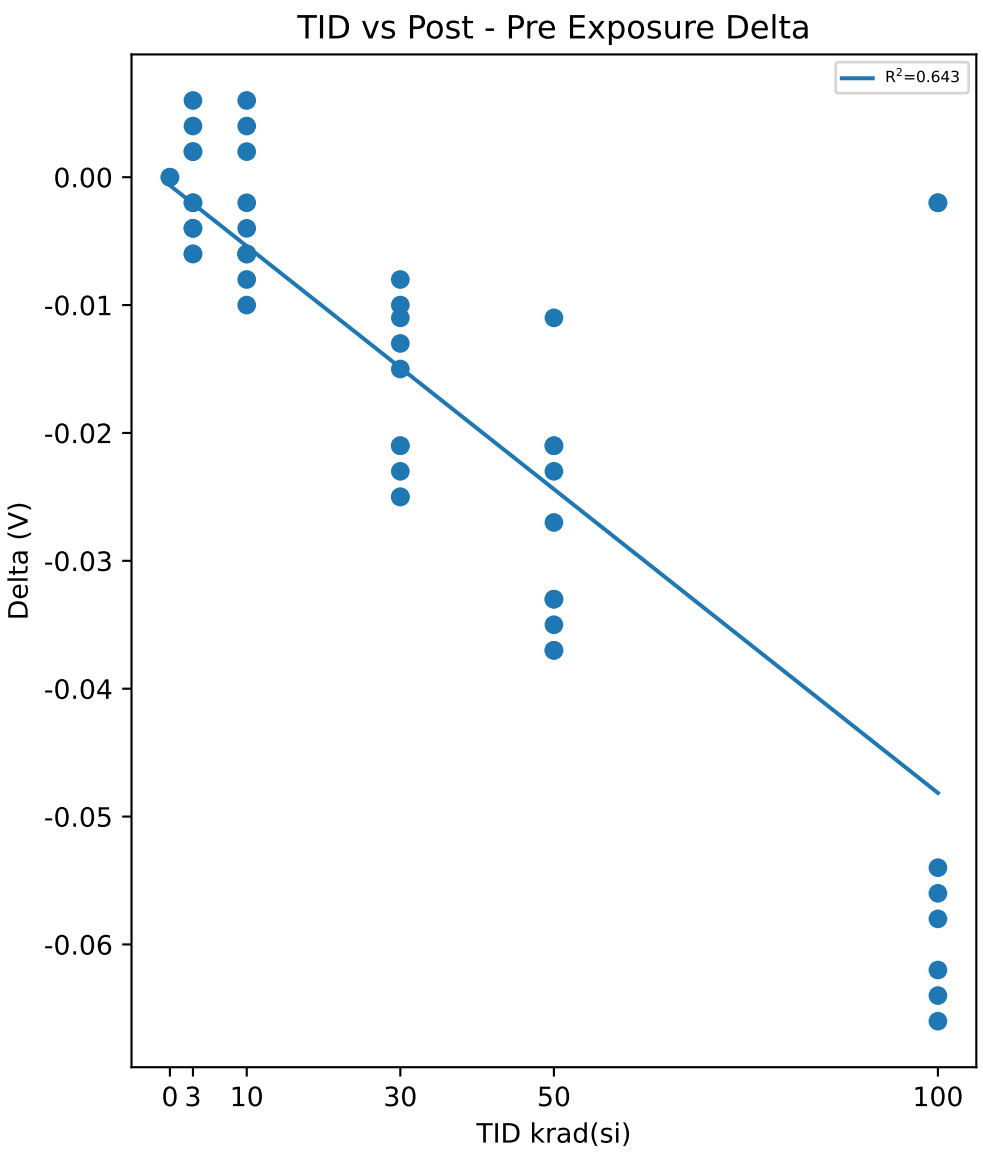
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.002	1.002	0
7	0	Correlation	1.002	1.002	0
16	3	LDR-Biased	1.008	1.006	-0.002
18	3	LDR-Biased	1.008	1.004	-0.004
19	3	LDR-Biased	1.002	1.012	0.01
20	3	LDR-Biased	1.006	1.008	0.002
21	3	LDR-Biased	1.01	1.004	-0.006
22	3	LDR-Unbiased	1.008	1.008	0
23	3	LDR-Unbiased	1.002	1.006	0.004
25	3	LDR-Unbiased	1.004	0.998	-0.006
26	3	LDR-Unbiased	1.006	0.996	-0.01
27	3	LDR-Unbiased	1.008	1.002	-0.006
46	10	LDR-Biased	1.008	1.006	-0.002
48	10	LDR-Biased	1.008	1.004	-0.004
49	10	LDR-Biased	1.002	1.012	0.01
50	10	LDR-Biased	1.006	1.008	0.002
51	10	LDR-Biased	1.01	1.002	-0.008
52	10	LDR-Unbiased	1.008	1.004	-0.004
53	10	LDR-Unbiased	1.002	1	-0.002
55	10	LDR-Unbiased	1.004	0.994	-0.01
56	10	LDR-Unbiased	1.006	0.991	-0.015
57	10	LDR-Unbiased	1.008	0.996	-0.012
76	30	LDR-Biased	1.008	0.991	-0.017
78	30	LDR-Biased	1.008	0.998	-0.01
79	30	LDR-Biased	1.002	0.996	-0.006
80	30	LDR-Biased	1.006	0.993	-0.013
81	30	LDR-Biased	1.01	0.989	-0.021
82	30	LDR-Unbiased	1.008	0.989	-0.019
83	30	LDR-Unbiased	1.002	0.985	-0.017
84	30	LDR-Unbiased	1.008	0.981	-0.027
85	30	LDR-Unbiased	1.004	0.979	-0.025
86	30	LDR-Unbiased	1.006	0.977	-0.029
87	100	LDR-Biased	1.006	0.95	-0.056
88	100	LDR-Biased	1.01	1.002	-0.008
90	100	LDR-Biased	1.008	1.002	-0.006
91	100	LDR-Unbiased	1.008	0.946	-0.062
93	100	LDR-Unbiased	1.01	0.954	-0.056
94	100	LDR-Unbiased	1.01	0.96	-0.05
95	100	LDR-Unbiased	0.998	0.948	-0.05
96	100	LDR-Unbiased	1.008	0.95	-0.058
106	50	LDR-Biased	1.008	0.979	-0.029
108	50	LDR-Biased	1.008	0.985	-0.023
109	50	LDR-Biased	1.002	0.985	-0.017
110	50	LDR-Biased	1.006	0.993	-0.013
111	50	LDR-Biased	1.01	0.977	-0.033
112	50	LDR-Unbiased	1.008	0.979	-0.029
113	50	LDR-Unbiased	1.002	0.975	-0.027
115	50	LDR-Unbiased	1.004	0.969	-0.035
116	50	LDR-Unbiased	1.006	0.965	-0.041
117	50	LDR-Unbiased	1.008	0.971	-0.037

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.002	1.002	1.002	0	1.002	1.002	1.002	0	0	0	0	0
3	1.002	1.0062	1.01	0.0027406	0.996	1.0044	1.012	0.0047889	-0.01	-0.0018	0.01	0.0059217
10	1.002	1.0062	1.01	0.0027406	0.991	1.0017	1.012	0.0065328	-0.015	-0.0045	0.01	0.007261
30	1.002	1.0062	1.01	0.0027406	0.977	0.9878	0.998	0.0071461	-0.029	-0.0184	-0.006	0.0074117
50	1.002	1.0062	1.01	0.0027406	0.965	0.9778	0.993	0.0083905	-0.041	-0.0284	-0.013	0.0087965
100	0.998	1.0072	1.01	0.0039911	0.946	0.964	1.002	0.023833	-0.062	-0.04325	-0.006	0.022727

Device Test: 6.143 PU2_VPOR_RISE_PWRGD/PWRGD//0/0/0/0.1/@VPULLUP_VALID





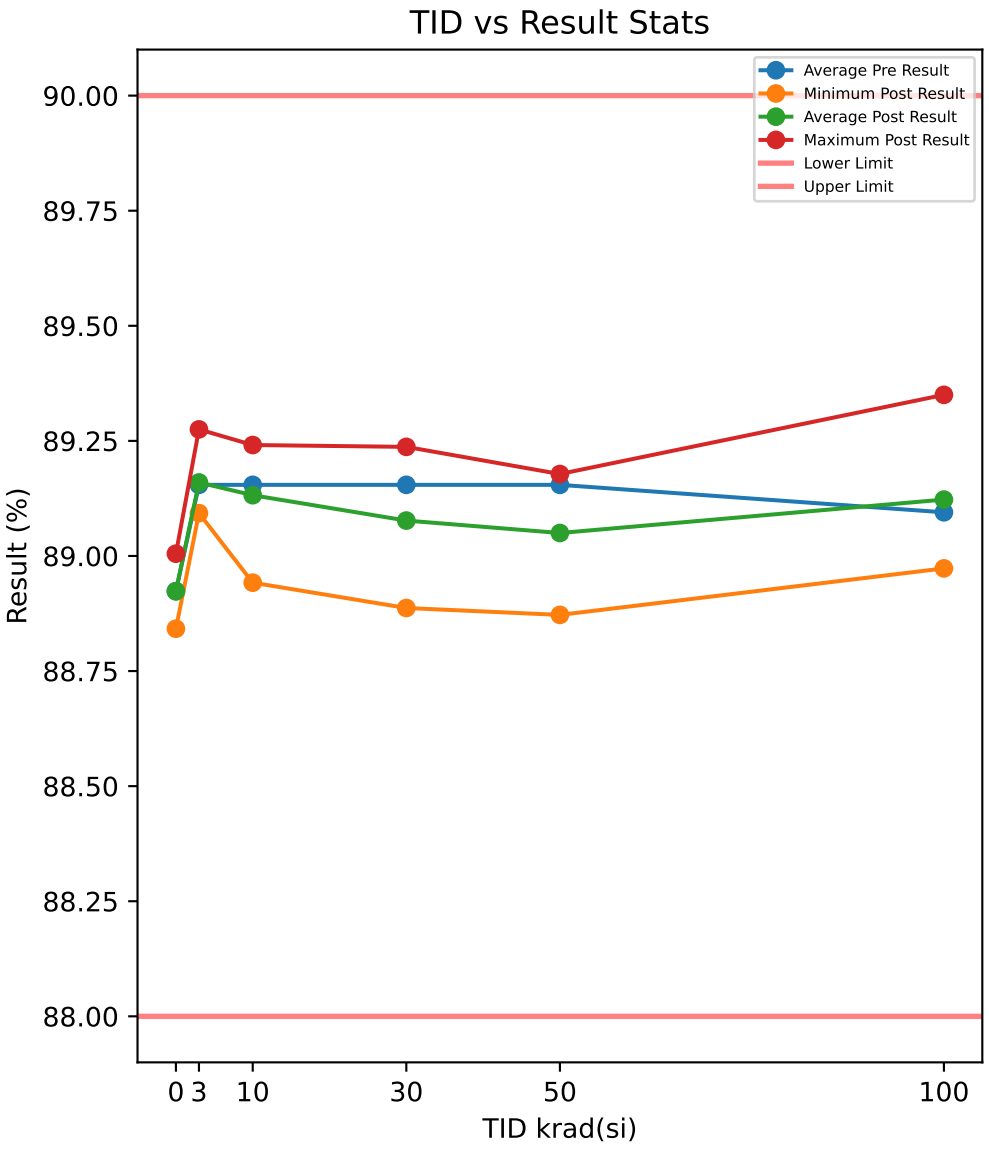
Test Results (Lower Limit = 0.5, Upper Limit = 1.3 (V))

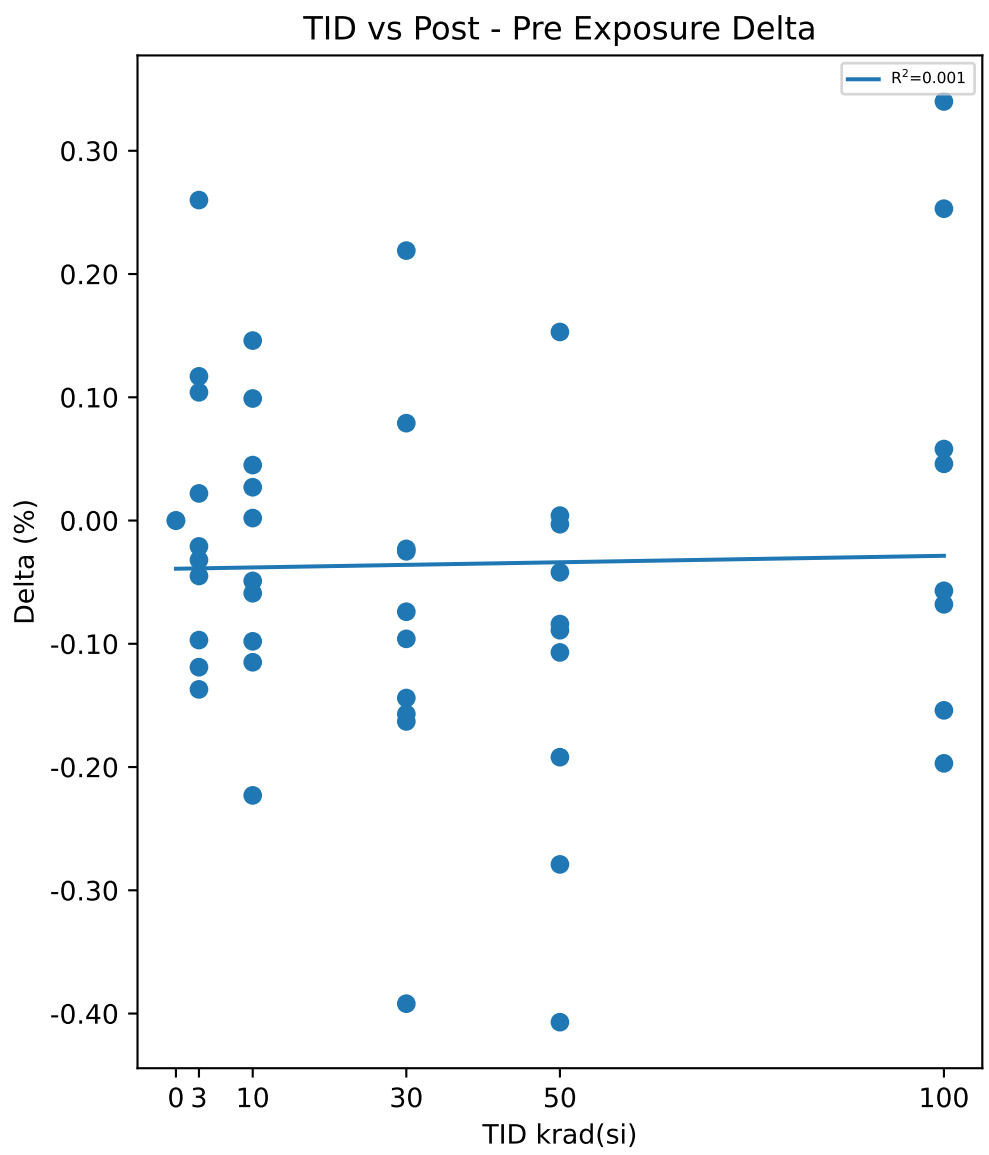
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.835	0.835	0
7	0	Correlation	0.837	0.837	0
16	3	LDR-Biased	0.837	0.839	0.002
18	3	LDR-Biased	0.839	0.837	-0.002
19	3	LDR-Biased	0.835	0.841	0.006
20	3	LDR-Biased	0.835	0.839	0.004
21	3	LDR-Biased	0.839	0.833	-0.006
22	3	LDR-Unbiased	0.839	0.837	-0.002
23	3	LDR-Unbiased	0.833	0.835	0.002
25	3	LDR-Unbiased	0.835	0.831	-0.004
26	3	LDR-Unbiased	0.835	0.831	-0.004
27	3	LDR-Unbiased	0.835	0.829	-0.006
46	10	LDR-Biased	0.837	0.839	0.002
48	10	LDR-Biased	0.839	0.835	-0.004
49	10	LDR-Biased	0.835	0.841	0.006
50	10	LDR-Biased	0.835	0.839	0.004
51	10	LDR-Biased	0.839	0.833	-0.006
52	10	LDR-Unbiased	0.839	0.833	-0.006
53	10	LDR-Unbiased	0.833	0.831	-0.002
55	10	LDR-Unbiased	0.835	0.829	-0.006
56	10	LDR-Unbiased	0.835	0.827	-0.008
57	10	LDR-Unbiased	0.835	0.825	-0.01
76	30	LDR-Biased	0.837	0.824	-0.013
78	30	LDR-Biased	0.839	0.831	-0.008
79	30	LDR-Biased	0.835	0.825	-0.01
80	30	LDR-Biased	0.835	0.824	-0.011
81	30	LDR-Biased	0.839	0.818	-0.021
82	30	LDR-Unbiased	0.839	0.818	-0.021
83	30	LDR-Unbiased	0.833	0.818	-0.015
84	30	LDR-Unbiased	0.835	0.81	-0.025
85	30	LDR-Unbiased	0.835	0.812	-0.023
86	30	LDR-Unbiased	0.835	0.81	-0.025
87	100	LDR-Biased	0.839	0.775	-0.064
88	100	LDR-Biased	0.837	0.835	-0.002
90	100	LDR-Biased	0.837	0.835	-0.002
91	100	LDR-Unbiased	0.839	0.773	-0.066
93	100	LDR-Unbiased	0.839	0.781	-0.058
94	100	LDR-Unbiased	0.837	0.781	-0.056
95	100	LDR-Unbiased	0.829	0.775	-0.054
96	100	LDR-Unbiased	0.835	0.773	-0.062
106	50	LDR-Biased	0.837	0.814	-0.023
108	50	LDR-Biased	0.839	0.818	-0.021
109	50	LDR-Biased	0.835	0.814	-0.021
110	50	LDR-Biased	0.835	0.824	-0.011
111	50	LDR-Biased	0.839	0.806	-0.033
112	50	LDR-Unbiased	0.839	0.806	-0.033
113	50	LDR-Unbiased	0.833	0.806	-0.027
115	50	LDR-Unbiased	0.835	0.8	-0.035
116	50	LDR-Unbiased	0.835	0.798	-0.037
117	50	LDR-Unbiased	0.835	0.798	-0.037

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.835	0.836	0.837	0.0014142	0.835	0.836	0.837	0.0014142	0	0	0	0
3	0.833	0.8362	0.839	0.0021499	0.829	0.8352	0.841	0.0040497	-0.006	-0.001	0.006	0.0042426
10	0.833	0.8362	0.839	0.0021499	0.825	0.8332	0.841	0.0053707	-0.01	-0.003	0.006	0.0053541
30	0.833	0.8362	0.839	0.0021499	0.81	0.819	0.831	0.0070238	-0.025	-0.0172	-0.008	0.0065115
50	0.833	0.8362	0.839	0.0021499	0.798	0.8084	0.824	0.0088343	-0.037	-0.0278	-0.011	0.0086513
100	0.829	0.8365	0.839	0.0033381	0.773	0.791	0.835	0.027339	-0.066	-0.0455	-0.002	0.027145

Device Test: 6.144 VTURNOFF_SENSE2/SENSE2//3/0/0/0/@VTURN_OFF





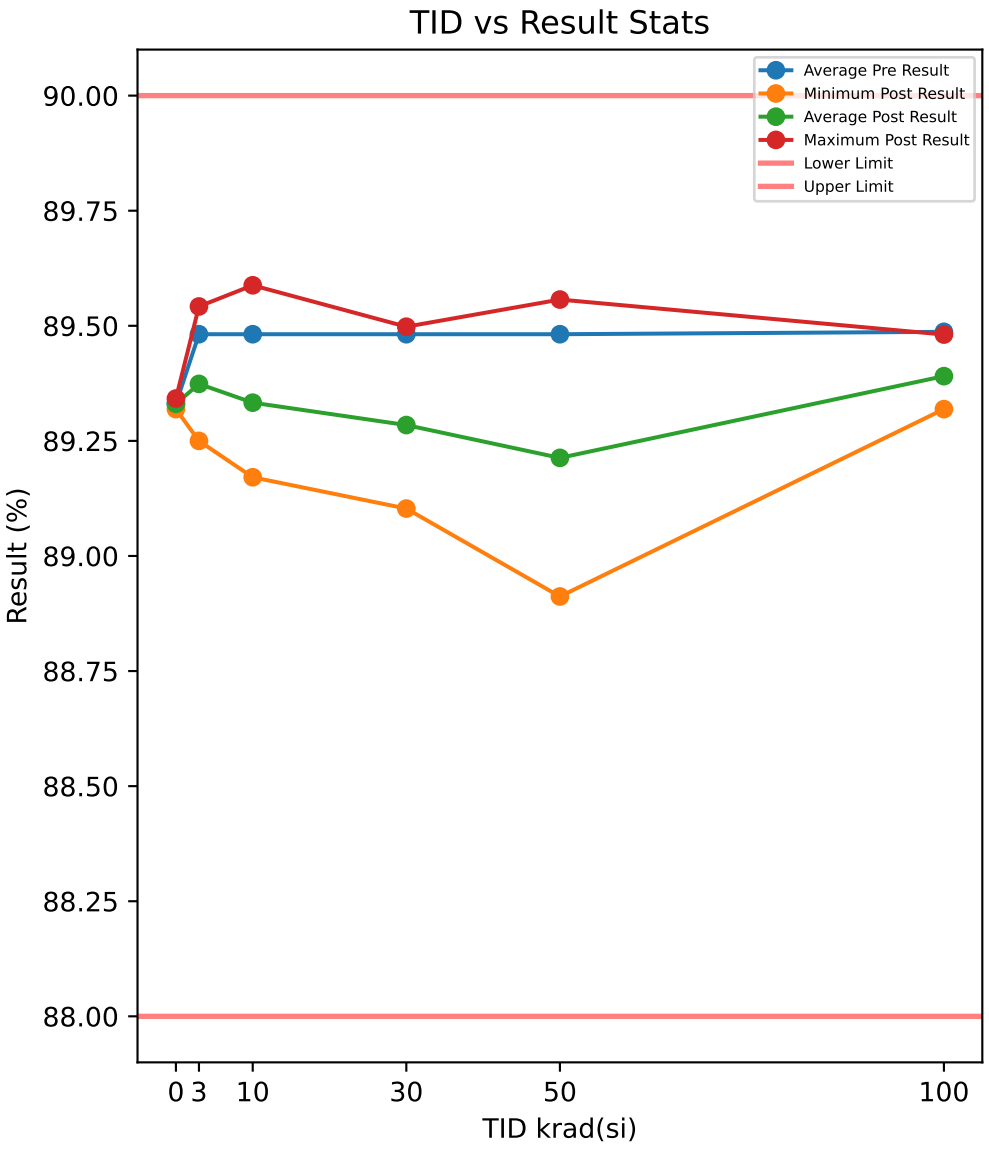
Test Results (Lower Limit = 88.0, Upper Limit = 90.0 (%))

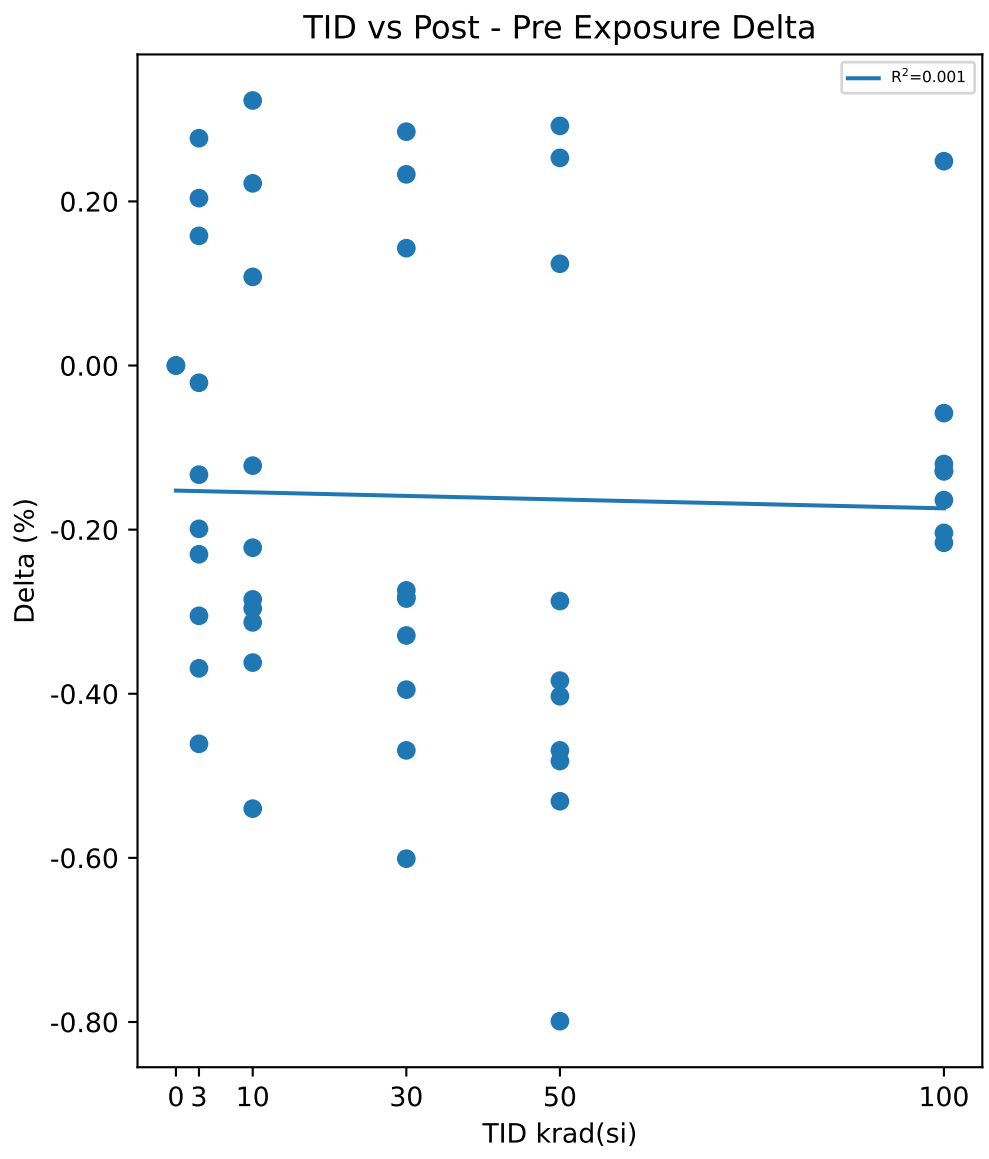
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	89.005	89.005	0
7	0	Correlation	88.842	88.842	0
16	3	LDR-Biased	89.099	89.216	0.117
18	3	LDR-Biased	89.001	89.105	0.104
19	3	LDR-Biased	89.17	89.192	0.022
20	3	LDR-Biased	89.207	89.186	-0.021
21	3	LDR-Biased	89.279	89.142	-0.137
22	3	LDR-Unbiased	89.212	89.093	-0.119
23	3	LDR-Unbiased	89.142	89.097	-0.045
25	3	LDR-Unbiased	89.262	89.165	-0.097
26	3	LDR-Unbiased	89.158	89.126	-0.032
27	3	LDR-Unbiased	89.015	89.275	0.26
46	10	LDR-Biased	89.099	89.126	0.027
48	10	LDR-Biased	89.001	88.942	-0.059
49	10	LDR-Biased	89.17	89.172	0.002
50	10	LDR-Biased	89.207	89.109	-0.098
51	10	LDR-Biased	89.279	89.056	-0.223
52	10	LDR-Unbiased	89.212	89.163	-0.049
53	10	LDR-Unbiased	89.142	89.241	0.099
55	10	LDR-Unbiased	89.262	89.147	-0.115
56	10	LDR-Unbiased	89.158	89.203	0.045
57	10	LDR-Unbiased	89.015	89.161	0.146
76	30	LDR-Biased	89.099	89.003	-0.096
78	30	LDR-Biased	89.001	88.978	-0.023
79	30	LDR-Biased	89.17	89.026	-0.144
80	30	LDR-Biased	89.207	89.044	-0.163
81	30	LDR-Biased	89.279	88.887	-0.392
82	30	LDR-Unbiased	89.212	89.055	-0.157
83	30	LDR-Unbiased	89.142	89.117	-0.025
84	30	LDR-Unbiased	89.015	89.234	0.219
85	30	LDR-Unbiased	89.262	89.188	-0.074
86	30	LDR-Unbiased	89.158	89.237	0.079
87	100	LDR-Biased	89.142	89.2	0.058
88	100	LDR-Biased	89.159	89.005	-0.154
90	100	LDR-Biased	89.063	89.006	-0.057
91	100	LDR-Unbiased	89.085	89.131	0.046
93	100	LDR-Unbiased	89.219	89.022	-0.197
94	100	LDR-Unbiased	89.097	89.35	0.253
95	100	LDR-Unbiased	89.041	88.973	-0.068
96	100	LDR-Unbiased	88.953	89.293	0.34
106	50	LDR-Biased	89.099	88.907	-0.192
108	50	LDR-Biased	89.001	88.912	-0.089
109	50	LDR-Biased	89.17	88.891	-0.279
110	50	LDR-Biased	89.207	89.1	-0.107
111	50	LDR-Biased	89.279	88.872	-0.407
112	50	LDR-Unbiased	89.212	89.17	-0.042
113	50	LDR-Unbiased	89.142	89.146	0.004
115	50	LDR-Unbiased	89.262	89.178	-0.084
116	50	LDR-Unbiased	89.158	89.155	-0.003
117	50	LDR-Unbiased	89.015	89.168	0.153

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	88.842	88.923	89.005	0.11526	88.842	88.923	89.005	0.11526	0	0	0	0
3	89.001	89.154	89.279	0.094063	89.093	89.16	89.275	0.058735	-0.137	0.0052	0.26	0.12389
10	89.001	89.154	89.279	0.094063	88.942	89.132	89.241	0.083659	-0.223	-0.0225	0.146	0.10916
30	89.001	89.154	89.279	0.094063	88.887	89.077	89.237	0.11534	-0.392	-0.0776	0.219	0.16174
50	89.001	89.154	89.279	0.094063	88.872	89.05	89.178	0.13495	-0.407	-0.1046	0.153	0.15726
100	88.953	89.095	89.219	0.080966	88.973	89.123	89.35	0.14478	-0.197	0.027625	0.34	0.18875

Device Test: 6.145 VTURNOFF_SENSE3/SENSE3//3/0/0/0/@VTURN_OFF





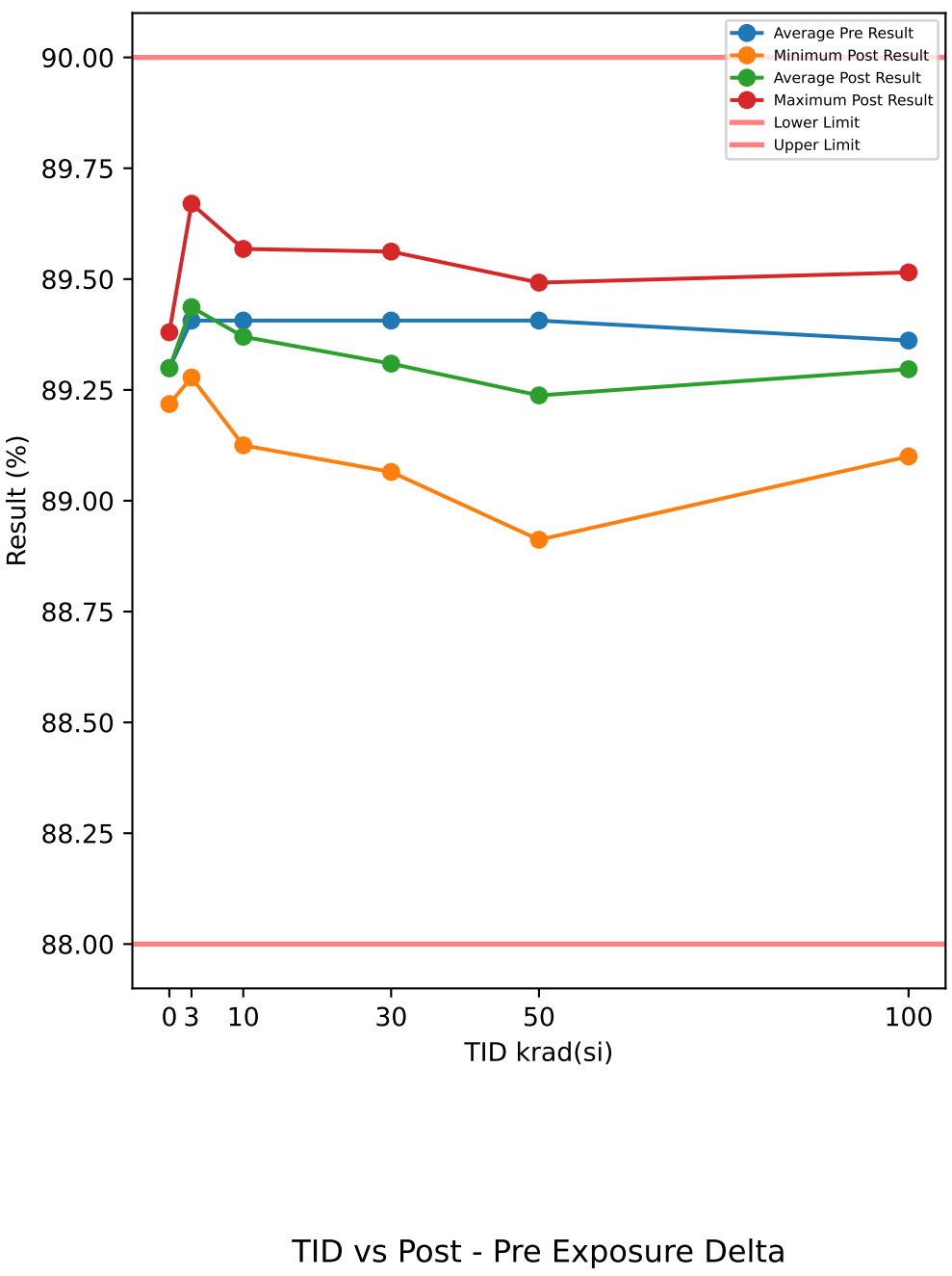
Test Results (Lower Limit = 88.0, Upper Limit = 90.0 (%))

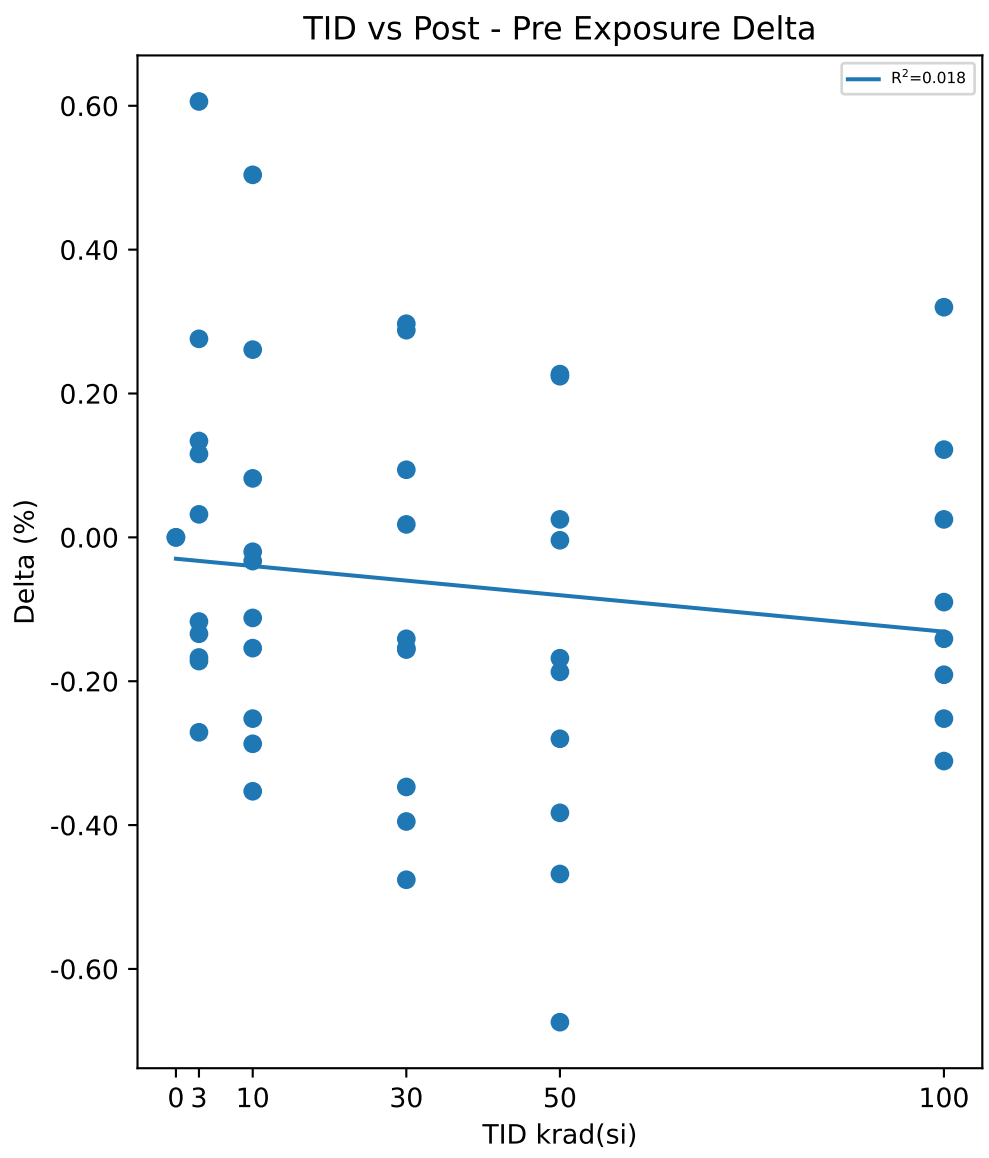
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	89.319	89.319	0
7	0	Correlation	89.342	89.342	0
16	3	LDR-Biased	89.537	89.404	-0.133
18	3	LDR-Biased	89.377	89.356	-0.021
19	3	LDR-Biased	89.609	89.379	-0.23
20	3	LDR-Biased	89.711	89.25	-0.461
21	3	LDR-Biased	89.467	89.268	-0.199
22	3	LDR-Unbiased	89.652	89.283	-0.369
23	3	LDR-Unbiased	89.208	89.412	0.204
25	3	LDR-Unbiased	89.265	89.542	0.277
26	3	LDR-Unbiased	89.346	89.504	0.158
27	3	LDR-Unbiased	89.645	89.34	-0.305
46	10	LDR-Biased	89.537	89.315	-0.222
48	10	LDR-Biased	89.377	89.255	-0.122
49	10	LDR-Biased	89.609	89.296	-0.313
50	10	LDR-Biased	89.711	89.171	-0.54
51	10	LDR-Biased	89.467	89.182	-0.285
52	10	LDR-Unbiased	89.652	89.29	-0.362
53	10	LDR-Unbiased	89.208	89.43	0.222
55	10	LDR-Unbiased	89.265	89.588	0.323
56	10	LDR-Unbiased	89.346	89.454	0.108
57	10	LDR-Unbiased	89.645	89.349	-0.296
76	30	LDR-Biased	89.537	89.253	-0.284
78	30	LDR-Biased	89.377	89.103	-0.274
79	30	LDR-Biased	89.609	89.214	-0.395
80	30	LDR-Biased	89.711	89.11	-0.601
81	30	LDR-Biased	89.467	89.138	-0.329
82	30	LDR-Unbiased	89.652	89.183	-0.469
83	30	LDR-Unbiased	89.208	89.493	0.285
84	30	LDR-Unbiased	89.645	89.363	-0.282
85	30	LDR-Unbiased	89.265	89.498	0.233
86	30	LDR-Unbiased	89.346	89.489	0.143
87	100	LDR-Biased	89.456	89.328	-0.128
88	100	LDR-Biased	89.536	89.32	-0.216
90	100	LDR-Biased	89.439	89.319	-0.12
91	100	LDR-Unbiased	89.651	89.447	-0.204
93	100	LDR-Unbiased	89.467	89.338	-0.129
94	100	LDR-Unbiased	89.473	89.415	-0.058
95	100	LDR-Unbiased	89.228	89.477	0.249
96	100	LDR-Unbiased	89.645	89.481	-0.164
106	50	LDR-Biased	89.537	89.153	-0.384
108	50	LDR-Biased	89.377	88.974	-0.403
109	50	LDR-Biased	89.609	89.078	-0.531
110	50	LDR-Biased	89.711	88.912	-0.799
111	50	LDR-Biased	89.467	88.998	-0.469
112	50	LDR-Unbiased	89.652	89.17	-0.482
113	50	LDR-Unbiased	89.208	89.461	0.253
115	50	LDR-Unbiased	89.265	89.557	0.292
116	50	LDR-Unbiased	89.346	89.47	0.124
117	50	LDR-Unbiased	89.645	89.358	-0.287

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	89.319	89.331	89.342	0.016263	89.319	89.331	89.342	0.016263	0	0	0	0
3	89.208	89.482	89.711	0.17606	89.25	89.374	89.542	0.096532	-0.461	-0.1079	0.277	0.25369
10	89.208	89.482	89.711	0.17606	89.171	89.333	89.588	0.12824	-0.54	-0.1487	0.323	0.27844
30	89.208	89.482	89.711	0.17606	89.103	89.284	89.498	0.16267	-0.601	-0.1973	0.285	0.30684
50	89.208	89.482	89.711	0.17606	88.912	89.213	89.557	0.23203	-0.799	-0.2686	0.292	0.36637
100	89.228	89.487	89.651	0.13374	89.319	89.391	89.481	0.071922	-0.216	-0.09625	0.249	0.14825

Device Test: 6.146 VTURNOFF_SENSE4/SENSE4//3/0/0/0/@VTURN_OFF





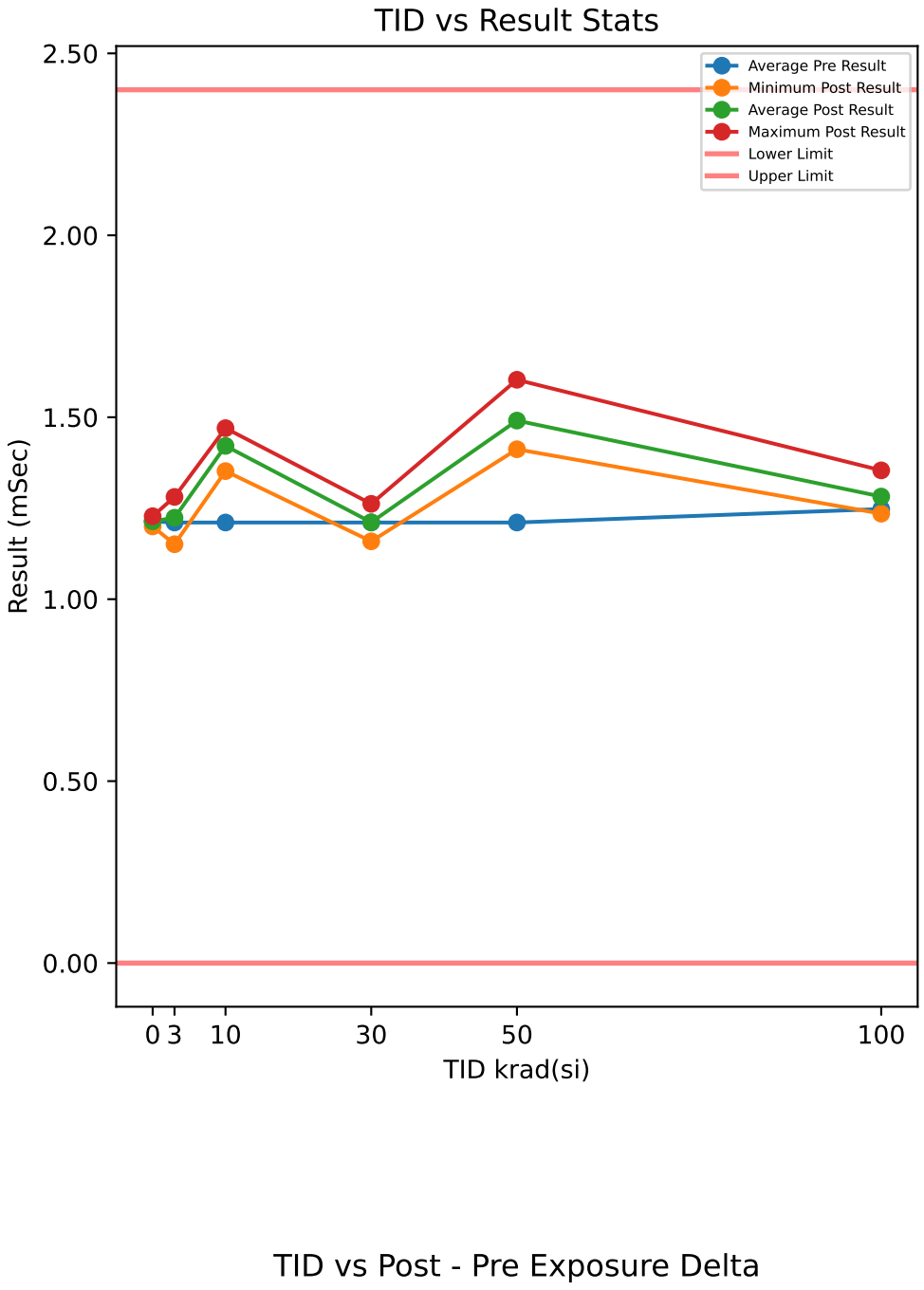
Test Results (Lower Limit = 88.0, Upper Limit = 90.0 (%))

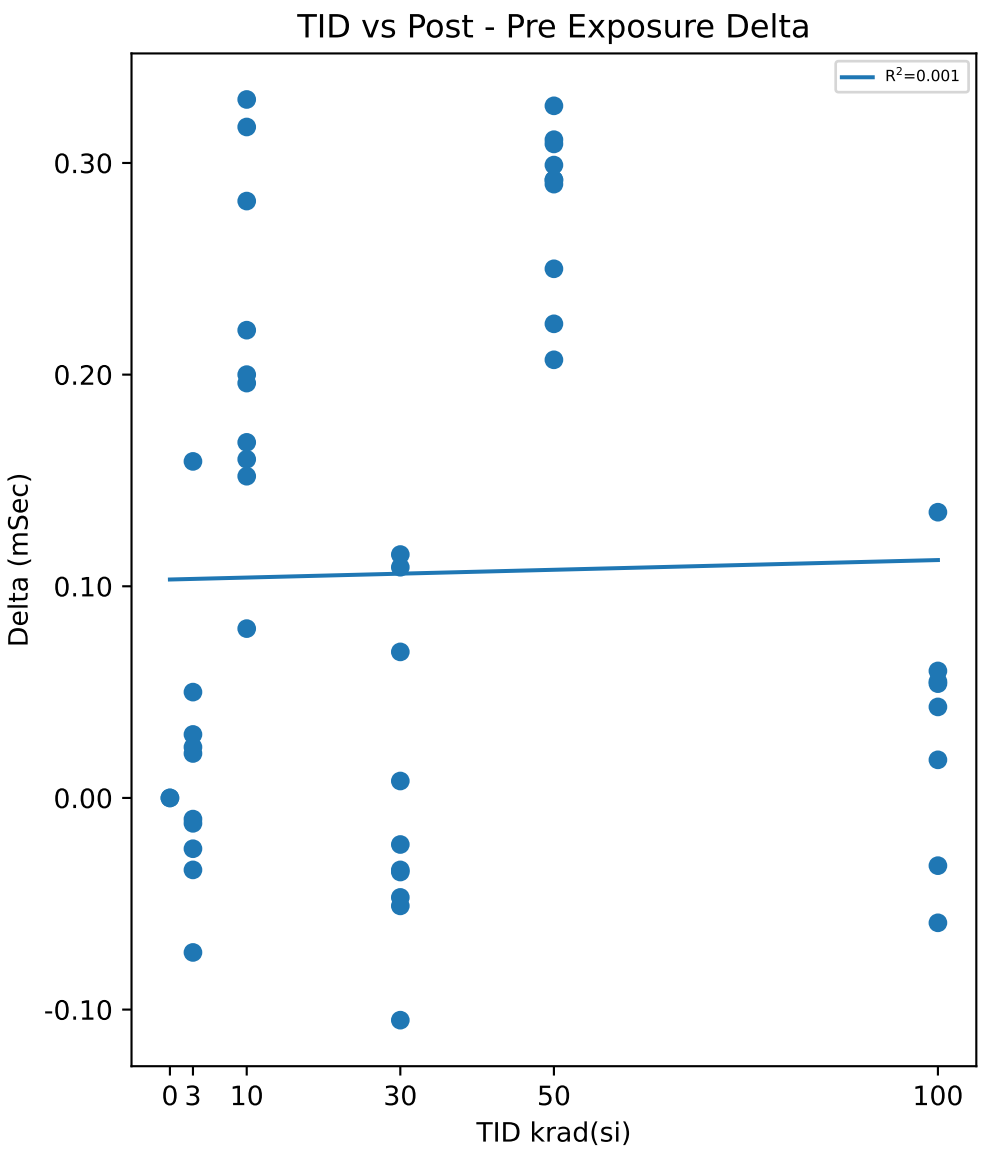
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	89.38	89.38	0
7	0	Correlation	89.218	89.218	0
16	3	LDR-Biased	89.412	89.278	-0.134
18	3	LDR-Biased	89.064	89.67	0.606
19	3	LDR-Biased	89.483	89.316	-0.167
20	3	LDR-Biased	89.586	89.315	-0.271
21	3	LDR-Biased	89.342	89.458	0.116
22	3	LDR-Unbiased	89.463	89.346	-0.117
23	3	LDR-Unbiased	89.583	89.411	-0.172
25	3	LDR-Unbiased	89.265	89.541	0.276
26	3	LDR-Unbiased	89.472	89.504	0.032
27	3	LDR-Unbiased	89.394	89.528	0.134
46	10	LDR-Biased	89.412	89.125	-0.287
48	10	LDR-Biased	89.064	89.568	0.504
49	10	LDR-Biased	89.483	89.231	-0.252
50	10	LDR-Biased	89.586	89.233	-0.353
51	10	LDR-Biased	89.342	89.309	-0.033
52	10	LDR-Unbiased	89.463	89.351	-0.112
53	10	LDR-Unbiased	89.583	89.429	-0.154
55	10	LDR-Unbiased	89.265	89.526	0.261
56	10	LDR-Unbiased	89.472	89.452	-0.02
57	10	LDR-Unbiased	89.394	89.476	0.082
76	30	LDR-Biased	89.412	89.065	-0.347
78	30	LDR-Biased	89.064	89.352	0.288
79	30	LDR-Biased	89.483	89.088	-0.395
80	30	LDR-Biased	89.586	89.11	-0.476
81	30	LDR-Biased	89.342	89.201	-0.141
82	30	LDR-Unbiased	89.463	89.307	-0.156
83	30	LDR-Unbiased	89.583	89.429	-0.154
84	30	LDR-Unbiased	89.394	89.488	0.094
85	30	LDR-Unbiased	89.265	89.562	0.297
86	30	LDR-Unbiased	89.472	89.49	0.018
87	100	LDR-Biased	89.393	89.515	0.122
88	100	LDR-Biased	89.41	89.32	-0.09
90	100	LDR-Biased	89.063	89.383	0.32
91	100	LDR-Unbiased	89.525	89.384	-0.141
93	100	LDR-Unbiased	89.342	89.151	-0.191
94	100	LDR-Unbiased	89.411	89.1	-0.311
95	100	LDR-Unbiased	89.353	89.101	-0.252
96	100	LDR-Unbiased	89.394	89.419	0.025
106	50	LDR-Biased	89.412	89.029	-0.383
108	50	LDR-Biased	89.064	89.288	0.224
109	50	LDR-Biased	89.483	89.015	-0.468
110	50	LDR-Biased	89.586	88.912	-0.674
111	50	LDR-Biased	89.342	89.062	-0.28
112	50	LDR-Unbiased	89.463	89.295	-0.168
113	50	LDR-Unbiased	89.583	89.396	-0.187
115	50	LDR-Unbiased	89.265	89.492	0.227
116	50	LDR-Unbiased	89.472	89.468	-0.004
117	50	LDR-Unbiased	89.394	89.419	0.025

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	89.218	89.299	89.38	0.11455	89.218	89.299	89.38	0.11455	0	0	0	0
3	89.064	89.406	89.586	0.15577	89.278	89.437	89.67	0.12564	-0.271	0.0303	0.606	0.26441
10	89.064	89.406	89.586	0.15577	89.125	89.37	89.568	0.14421	-0.353	-0.0364	0.504	0.26328
30	89.064	89.406	89.586	0.15577	89.065	89.309	89.562	0.184	-0.476	-0.0972	0.297	0.27014
50	89.064	89.406	89.586	0.15577	88.912	89.238	89.492	0.21384	-0.674	-0.1688	0.227	0.2942
100	89.063	89.361	89.525	0.13263	89.1	89.297	89.515	0.15876	-0.311	-0.06475	0.32	0.21012

Device Test: 6.147 T_start/IN//12/0/0/0/@T_SD





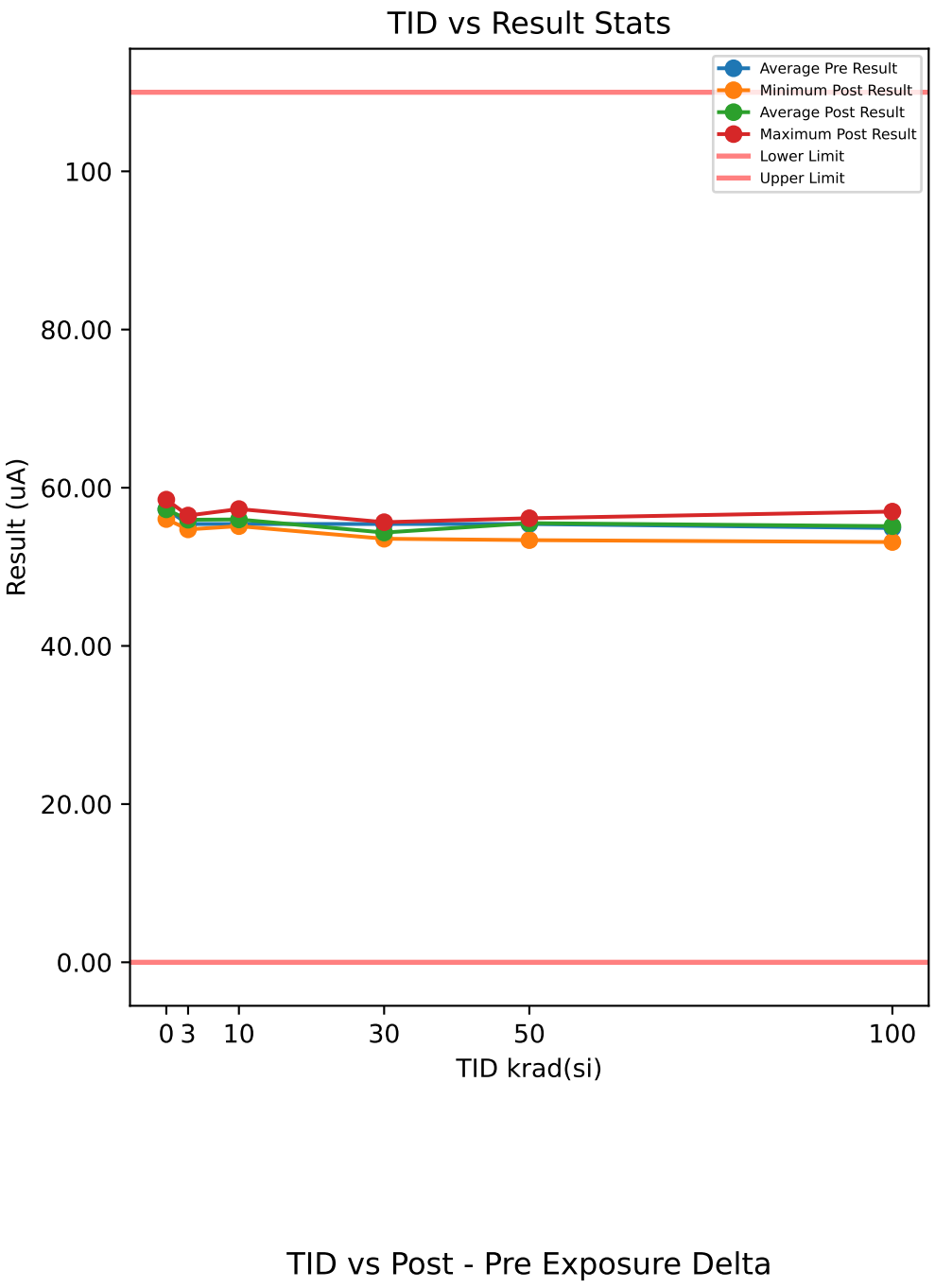
Test Results (Lower Limit = 0.0, Upper Limit = 2.4 (mSec))

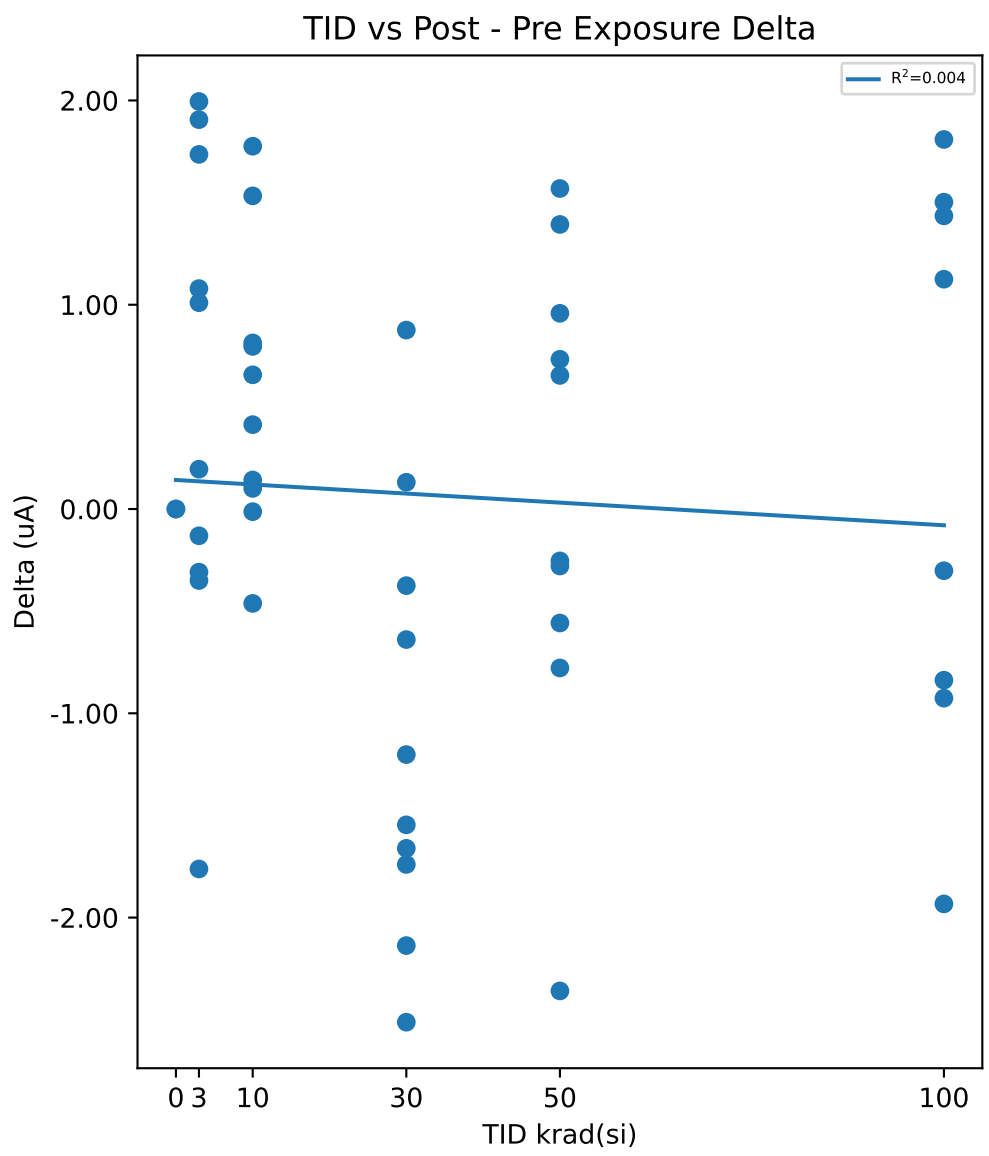
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.228	1.228	0
7	0	Correlation	1.2	1.2	0
16	3	LDR-Biased	1.235	1.256	0.021
18	3	LDR-Biased	1.311	1.277	-0.034
19	3	LDR-Biased	1.26	1.236	-0.024
20	3	LDR-Biased	1.206	1.194	-0.012
21	3	LDR-Biased	1.2	1.224	0.024
22	3	LDR-Unbiased	1.224	1.151	-0.073
23	3	LDR-Unbiased	1.153	1.183	0.03
25	3	LDR-Unbiased	1.184	1.234	0.05
26	3	LDR-Unbiased	1.212	1.202	-0.01
27	3	LDR-Unbiased	1.122	1.281	0.159
46	10	LDR-Biased	1.235	1.431	0.196
48	10	LDR-Biased	1.311	1.391	0.08
49	10	LDR-Biased	1.26	1.428	0.168
50	10	LDR-Biased	1.206	1.427	0.221
51	10	LDR-Biased	1.2	1.352	0.152
52	10	LDR-Unbiased	1.224	1.424	0.2
53	10	LDR-Unbiased	1.153	1.47	0.317
55	10	LDR-Unbiased	1.184	1.466	0.282
56	10	LDR-Unbiased	1.212	1.372	0.16
57	10	LDR-Unbiased	1.122	1.452	0.33
76	30	LDR-Biased	1.235	1.184	-0.051
78	30	LDR-Biased	1.311	1.206	-0.105
79	30	LDR-Biased	1.26	1.225	-0.035
80	30	LDR-Biased	1.206	1.159	-0.047
81	30	LDR-Biased	1.2	1.178	-0.022
82	30	LDR-Unbiased	1.224	1.232	0.008
83	30	LDR-Unbiased	1.153	1.262	0.109
84	30	LDR-Unbiased	1.122	1.237	0.115
85	30	LDR-Unbiased	1.184	1.253	0.069
86	30	LDR-Unbiased	1.212	1.178	-0.034
87	100	LDR-Biased	1.219	1.354	0.135
88	100	LDR-Biased	1.249	1.303	0.054
90	100	LDR-Biased	1.267	1.235	-0.032
91	100	LDR-Unbiased	1.22	1.275	0.055
93	100	LDR-Unbiased	1.299	1.24	-0.059
94	100	LDR-Unbiased	1.288	1.306	0.018
95	100	LDR-Unbiased	1.219	1.262	0.043
96	100	LDR-Unbiased	1.221	1.281	0.06
106	50	LDR-Biased	1.235	1.562	0.327
108	50	LDR-Biased	1.311	1.603	0.292
109	50	LDR-Biased	1.26	1.484	0.224
110	50	LDR-Biased	1.206	1.413	0.207
111	50	LDR-Biased	1.2	1.45	0.25
112	50	LDR-Unbiased	1.224	1.523	0.299
113	50	LDR-Unbiased	1.153	1.464	0.311
115	50	LDR-Unbiased	1.184	1.476	0.292
116	50	LDR-Unbiased	1.212	1.521	0.309
117	50	LDR-Unbiased	1.122	1.412	0.29

Test Statistics (mSec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2	1.214	1.228	0.019799	1.2	1.214	1.228	0.019799	0	0	0	0
3	1.122	1.2107	1.311	0.053026	1.151	1.2238	1.281	0.041793	-0.073	0.0131	0.159	0.062616
10	1.122	1.2107	1.311	0.053026	1.352	1.4213	1.47	0.038933	0.08	0.2106	0.33	0.078863
30	1.122	1.2107	1.311	0.053026	1.159	1.2114	1.262	0.035453	-0.105	0.0007	0.115	0.073504
50	1.122	1.2107	1.311	0.053026	1.412	1.4908	1.603	0.06193	0.207	0.2801	0.327	0.039616
100	1.219	1.2477	1.299	0.03329	1.235	1.282	1.354	0.038958	-0.059	0.03425	0.135	0.059833

Device Test: 6.148 LEAK_PU1_MIN/PULLUP1//////@PULL_UP_LKG





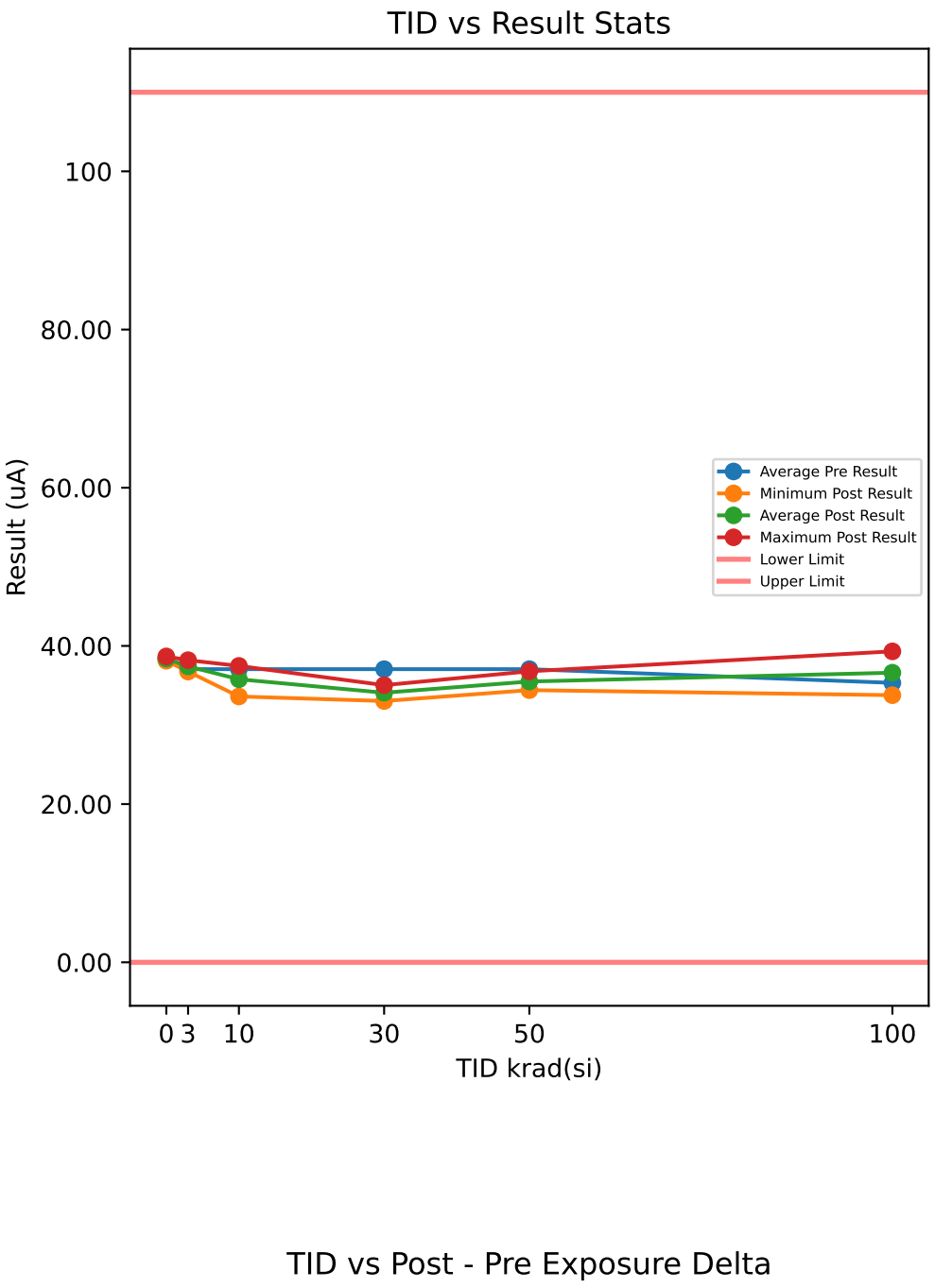
Test Results (Lower Limit = 0.0, Upper Limit = 110.0 (uA))

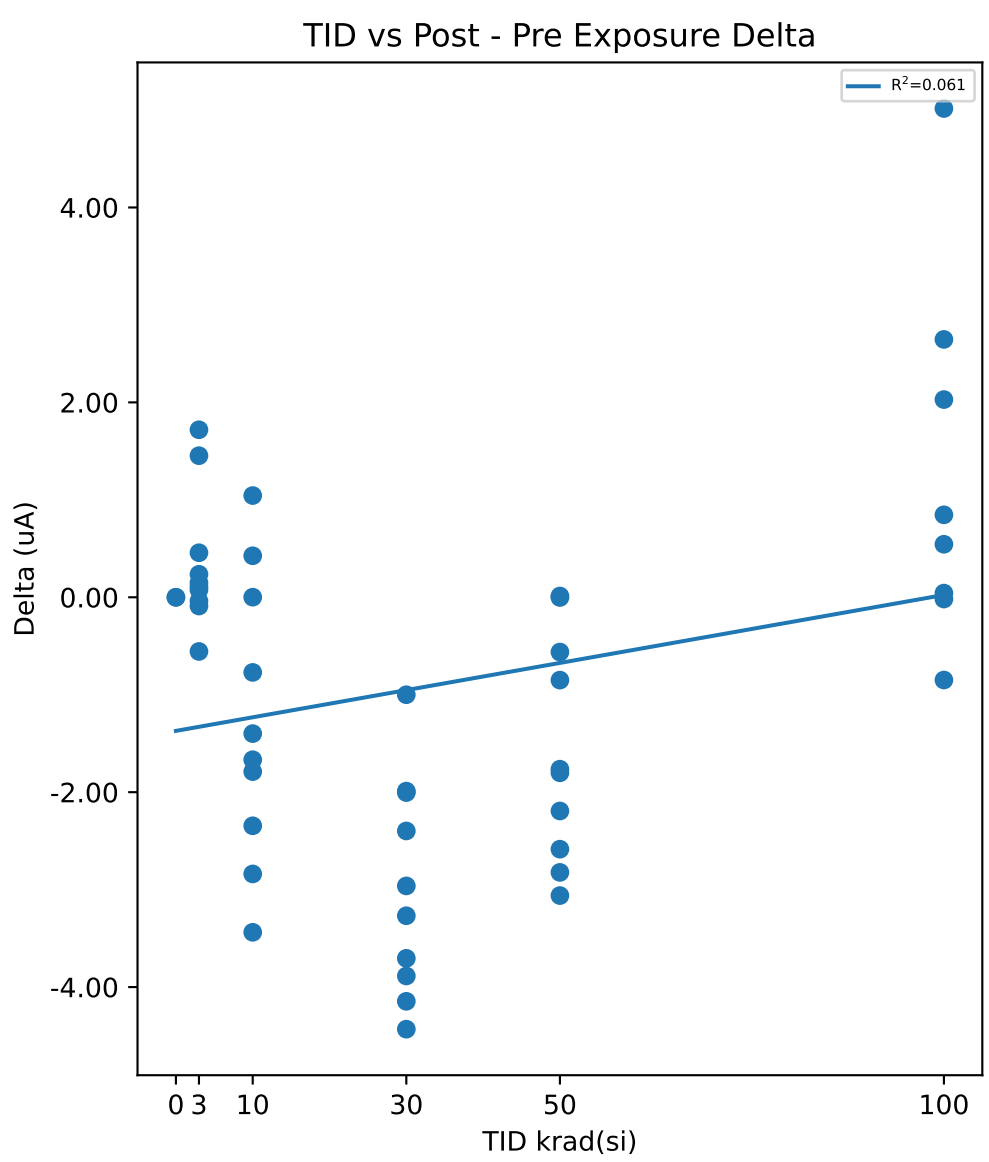
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	58.495	58.495	0
7	0	Correlation	56.034	56.034	0
16	3	LDR-Biased	56.461	56.111	-0.35
18	3	LDR-Biased	54.751	56.487	1.736
19	3	LDR-Biased	54.828	55.907	1.079
20	3	LDR-Biased	55.349	56.359	1.01
21	3	LDR-Biased	56.492	54.73	-1.762
22	3	LDR-Unbiased	56.016	55.885	-0.131
23	3	LDR-Unbiased	54.283	56.278	1.995
25	3	LDR-Unbiased	55.731	55.422	-0.309
26	3	LDR-Unbiased	55.866	56.061	0.195
27	3	LDR-Unbiased	54.345	56.251	1.906
46	10	LDR-Biased	56.461	56.562	0.101
48	10	LDR-Biased	54.751	55.408	0.657
49	10	LDR-Biased	54.828	56.604	1.776
50	10	LDR-Biased	55.349	55.762	0.413
51	10	LDR-Biased	56.492	57.305	0.813
52	10	LDR-Unbiased	56.016	56.003	-0.013
53	10	LDR-Unbiased	54.283	55.816	1.533
55	10	LDR-Unbiased	55.731	55.873	0.142
56	10	LDR-Unbiased	55.866	55.404	-0.462
57	10	LDR-Unbiased	54.345	55.141	0.796
76	30	LDR-Biased	56.461	53.949	-2.512
78	30	LDR-Biased	54.751	53.549	-1.202
79	30	LDR-Biased	54.828	54.189	-0.639
80	30	LDR-Biased	55.349	53.803	-1.546
81	30	LDR-Biased	56.492	54.355	-2.137
82	30	LDR-Unbiased	56.016	55.641	-0.375
83	30	LDR-Unbiased	54.283	54.414	0.131
84	30	LDR-Unbiased	54.345	55.221	0.876
85	30	LDR-Unbiased	55.731	53.991	-1.74
86	30	LDR-Unbiased	55.866	54.205	-1.661
87	100	LDR-Biased	54.456	56.265	1.809
88	100	LDR-Biased	55.329	54.491	-0.838
90	100	LDR-Biased	55.37	56.495	1.125
91	100	LDR-Unbiased	55.546	56.981	1.435
93	100	LDR-Unbiased	55.522	53.589	-1.933
94	100	LDR-Unbiased	53.435	53.133	-0.302
95	100	LDR-Unbiased	54.448	55.95	1.502
96	100	LDR-Unbiased	55.129	54.203	-0.926
106	50	LDR-Biased	56.461	55.683	-0.778
108	50	LDR-Biased	54.751	56.144	1.393
109	50	LDR-Biased	54.828	55.482	0.654
110	50	LDR-Biased	55.349	56.082	0.733
111	50	LDR-Biased	56.492	55.934	-0.558
112	50	LDR-Unbiased	56.016	55.737	-0.279
113	50	LDR-Unbiased	54.283	55.852	1.569
115	50	LDR-Unbiased	55.731	53.372	-2.359
116	50	LDR-Unbiased	55.866	55.612	-0.254
117	50	LDR-Unbiased	54.345	55.303	0.958

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	56.034	57.264	58.495	1.7402	56.034	57.264	58.495	1.7402	0	0	0	0
3	54.283	55.412	56.492	0.8256	54.73	55.949	56.487	0.52338	-1.762	0.5369	1.995	1.2159
10	54.283	55.412	56.492	0.8256	55.141	55.988	57.305	0.66101	-0.462	0.5756	1.776	0.69377
30	54.283	55.412	56.492	0.8256	53.549	54.332	55.641	0.64149	-2.512	-1.0805	0.876	1.0623
50	54.283	55.412	56.492	0.8256	53.372	55.52	56.144	0.79801	-2.359	0.1079	1.569	1.1922
100	53.435	54.904	55.546	0.73767	53.133	55.138	56.981	1.458	-1.933	0.234	1.809	1.4042

Device Test: 6.149 LEAK_PU2_MIN/PULLUP1//////@PULL_UP_LKG





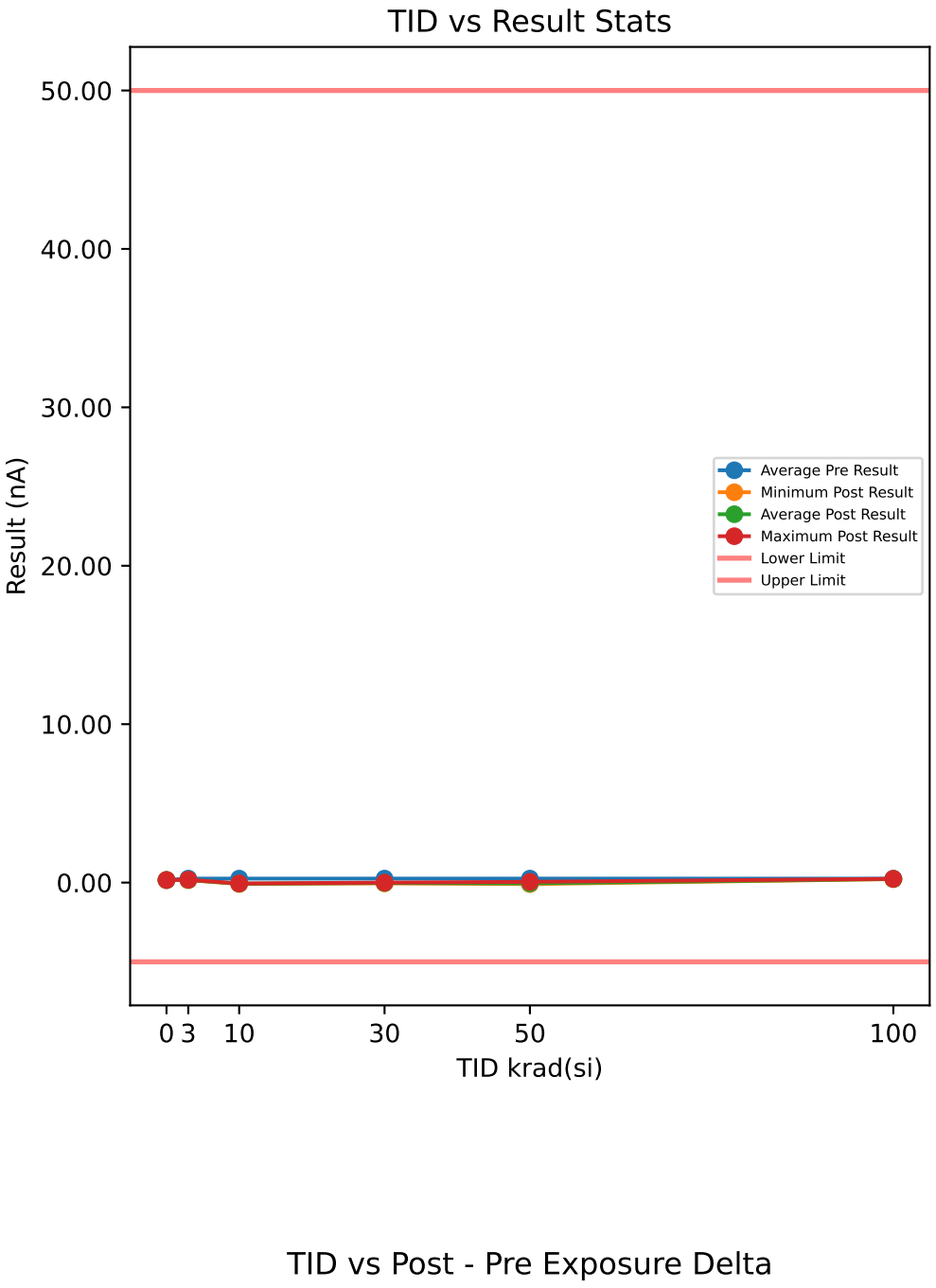
Test Results (Lower Limit = 0.0, Upper Limit = 110.0 (uA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	38.126	38.126	0
7	0	Correlation	38.668	38.668	0
16	3	LDR-Biased	38.577	38.021	-0.556
18	3	LDR-Biased	37.958	38.194	0.236
19	3	LDR-Biased	37.545	37.695	0.15
20	3	LDR-Biased	37.352	37.459	0.107
21	3	LDR-Biased	37.47	37.432	-0.038
22	3	LDR-Unbiased	37.048	37.505	0.457
23	3	LDR-Unbiased	37.05	37.126	0.076
25	3	LDR-Unbiased	35.036	36.755	1.719
26	3	LDR-Unbiased	35.541	36.994	1.453
27	3	LDR-Unbiased	37.027	36.937	-0.09
46	10	LDR-Biased	38.577	35.738	-2.839
48	10	LDR-Biased	37.958	36.291	-1.667
49	10	LDR-Biased	37.545	35.2	-2.345
50	10	LDR-Biased	37.352	35.563	-1.789
51	10	LDR-Biased	37.47	37.471	0.001
52	10	LDR-Unbiased	37.048	33.61	-3.438
53	10	LDR-Unbiased	37.05	36.279	-0.771
55	10	LDR-Unbiased	35.036	36.08	1.044
56	10	LDR-Unbiased	35.541	35.967	0.426
57	10	LDR-Unbiased	37.027	35.628	-1.399
76	30	LDR-Biased	38.577	34.145	-4.432
78	30	LDR-Biased	37.958	34.996	-2.962
79	30	LDR-Biased	37.545	33.84	-3.705
80	30	LDR-Biased	37.352	33.206	-4.146
81	30	LDR-Biased	37.47	34.202	-3.268
82	30	LDR-Unbiased	37.048	34.65	-2.398
83	30	LDR-Unbiased	37.05	33.164	-3.886
84	30	LDR-Unbiased	37.027	35.038	-1.989
85	30	LDR-Unbiased	35.036	33.032	-2.004
86	30	LDR-Unbiased	35.541	34.541	-1
87	100	LDR-Biased	35.405	37.434	2.029
88	100	LDR-Biased	36.664	39.31	2.646
90	100	LDR-Biased	36.279	36.322	0.043
91	100	LDR-Unbiased	36.326	35.477	-0.849
93	100	LDR-Unbiased	31.559	36.575	5.016
94	100	LDR-Unbiased	33.791	33.773	-0.018
95	100	LDR-Unbiased	36.335	37.181	0.846
96	100	LDR-Unbiased	36.272	36.816	0.544
106	50	LDR-Biased	38.577	35.754	-2.823
108	50	LDR-Biased	37.958	36.194	-1.764
109	50	LDR-Biased	37.545	34.96	-2.585
110	50	LDR-Biased	37.352	36.79	-0.562
111	50	LDR-Biased	37.47	34.409	-3.061
112	50	LDR-Unbiased	37.048	34.855	-2.193
113	50	LDR-Unbiased	37.05	35.249	-1.801
115	50	LDR-Unbiased	35.036	35.034	-0.002
116	50	LDR-Unbiased	35.541	35.554	0.013
117	50	LDR-Unbiased	37.027	36.177	-0.85

Test Statistics (uA)

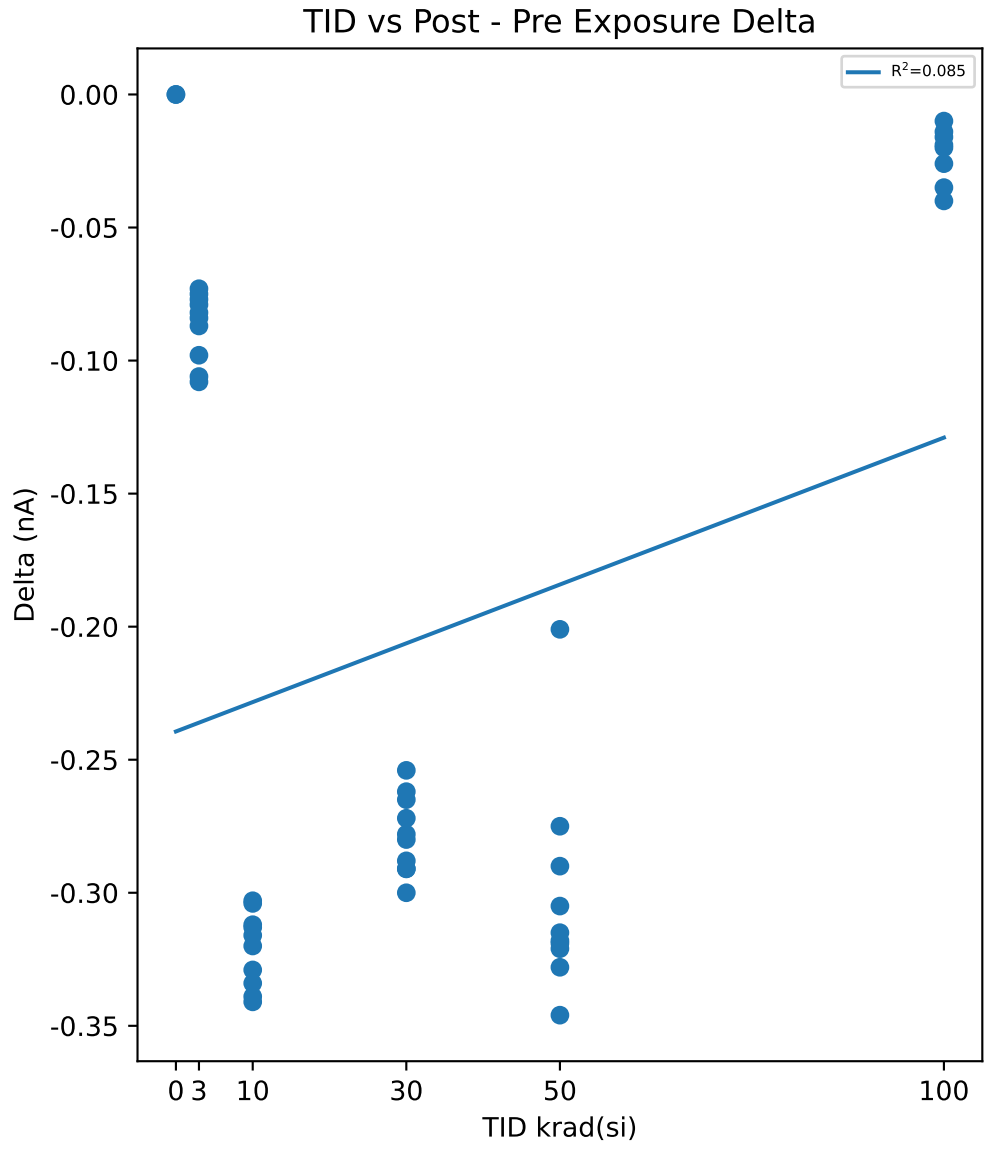
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	38.126	38.397	38.668	0.38325	38.126	38.397	38.668	0.38325	0	0	0	0
3	35.036	37.06	38.577	1.0542	36.755	37.412	38.194	0.46993	-0.556	0.3514	1.719	0.70351
10	35.036	37.06	38.577	1.0542	33.61	35.783	37.471	0.97819	-3.438	-1.2777	1.044	1.4475
30	35.036	37.06	38.577	1.0542	33.032	34.081	35.038	0.75072	-4.432	-2.979	-1	1.1101
50	35.036	37.06	38.577	1.0542	34.409	35.498	36.79	0.73405	-3.061	-1.5628	0.013	1.1451
100	31.559	35.329	36.664	1.7794	33.773	36.611	39.31	1.5926	-0.849	1.2821	5.016	1.8846

Device Test: 6.15 ILKG_DOWNb/DOWNb//14/0/0/0/@ILKG_UP_DOWN



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

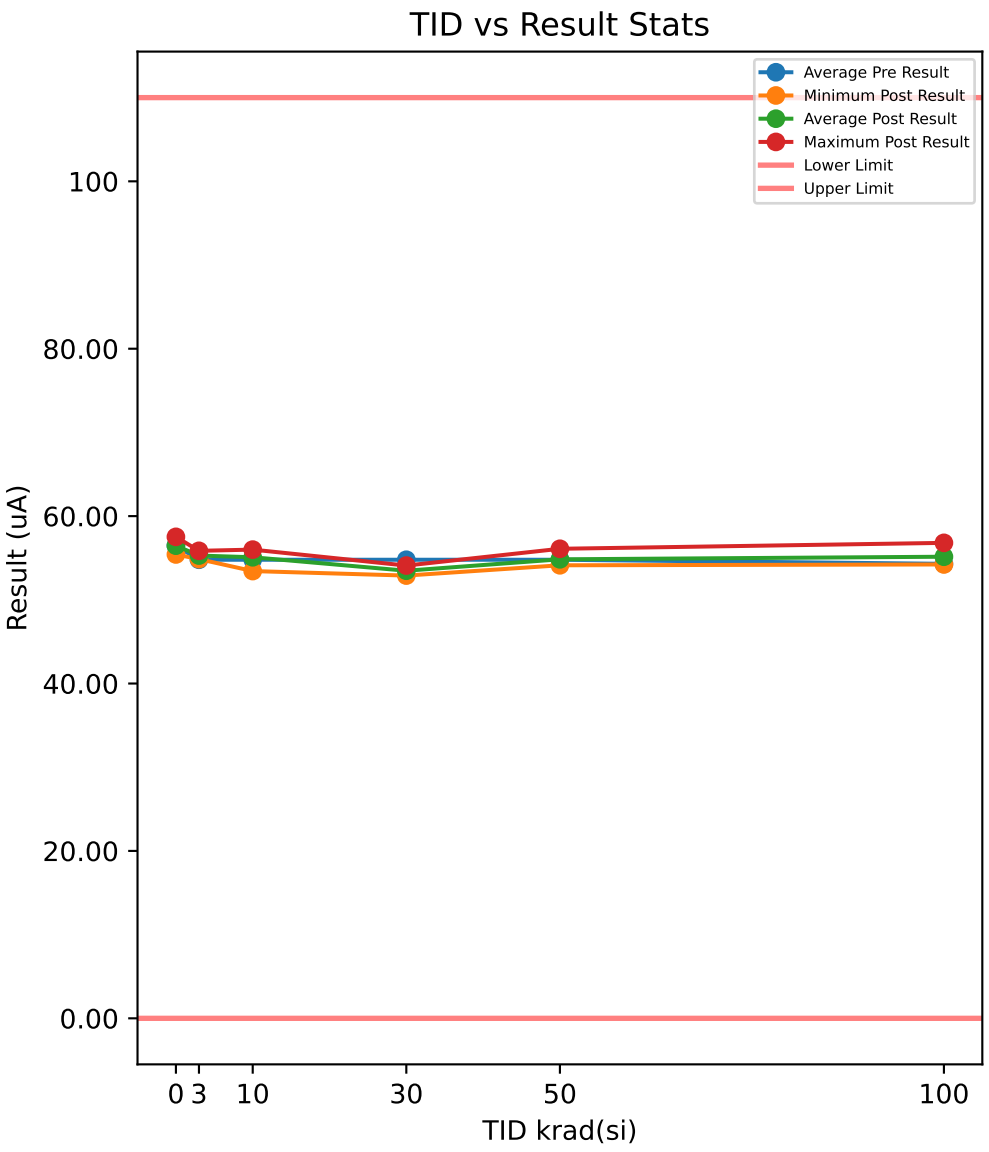
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.163	0.163	0
7	0	Correlation	0.16	0.16	0
16	3	LDR-Biased	0.253	0.169	-0.084
18	3	LDR-Biased	0.243	0.168	-0.075
19	3	LDR-Biased	0.264	0.156	-0.108
20	3	LDR-Biased	0.265	0.159	-0.106
21	3	LDR-Biased	0.244	0.157	-0.087
22	3	LDR-Unbiased	0.238	0.161	-0.077
23	3	LDR-Unbiased	0.255	0.157	-0.098
25	3	LDR-Unbiased	0.254	0.181	-0.073
26	3	LDR-Unbiased	0.253	0.174	-0.079
27	3	LDR-Unbiased	0.248	0.166	-0.082
46	10	LDR-Biased	0.253	-0.059	-0.312
48	10	LDR-Biased	0.243	-0.06	-0.303
49	10	LDR-Biased	0.264	-0.065	-0.329
50	10	LDR-Biased	0.265	-0.074	-0.339
51	10	LDR-Biased	0.244	-0.069	-0.313
52	10	LDR-Unbiased	0.238	-0.082	-0.32
53	10	LDR-Unbiased	0.255	-0.086	-0.341
55	10	LDR-Unbiased	0.254	-0.062	-0.316
56	10	LDR-Unbiased	0.253	-0.081	-0.334
57	10	LDR-Unbiased	0.248	-0.056	-0.304
76	30	LDR-Biased	0.253	-0.001	-0.254
78	30	LDR-Biased	0.243	-0.035	-0.278
79	30	LDR-Biased	0.264	-0.027	-0.291
80	30	LDR-Biased	0.265	-0.026	-0.291
81	30	LDR-Biased	0.244	-0.018	-0.262
82	30	LDR-Unbiased	0.238	-0.034	-0.272
83	30	LDR-Unbiased	0.255	-0.033	-0.288
84	30	LDR-Unbiased	0.248	-0.017	-0.265
85	30	LDR-Unbiased	0.254	-0.046	-0.3
86	30	LDR-Unbiased	0.253	-0.027	-0.28
87	100	LDR-Biased	0.241	0.222	-0.019
88	100	LDR-Biased	0.261	0.221	-0.04
90	100	LDR-Biased	0.247	0.221	-0.026
91	100	LDR-Unbiased	0.239	0.225	-0.014
93	100	LDR-Unbiased	0.247	0.227	-0.02
94	100	LDR-Unbiased	0.254	0.219	-0.035
95	100	LDR-Unbiased	0.249	0.233	-0.016
96	100	LDR-Unbiased	0.247	0.237	-0.01
106	50	LDR-Biased	0.253	-0.052	-0.305
108	50	LDR-Biased	0.243	-0.032	-0.275
109	50	LDR-Biased	0.264	-0.055	-0.319
110	50	LDR-Biased	0.265	-0.063	-0.328
111	50	LDR-Biased	0.244	-0.074	-0.318
112	50	LDR-Unbiased	0.238	-0.052	-0.29
113	50	LDR-Unbiased	0.255	-0.06	-0.315
115	50	LDR-Unbiased	0.254	-0.092	-0.346
116	50	LDR-Unbiased	0.253	-0.068	-0.321
117	50	LDR-Unbiased	0.248	0.047	-0.201

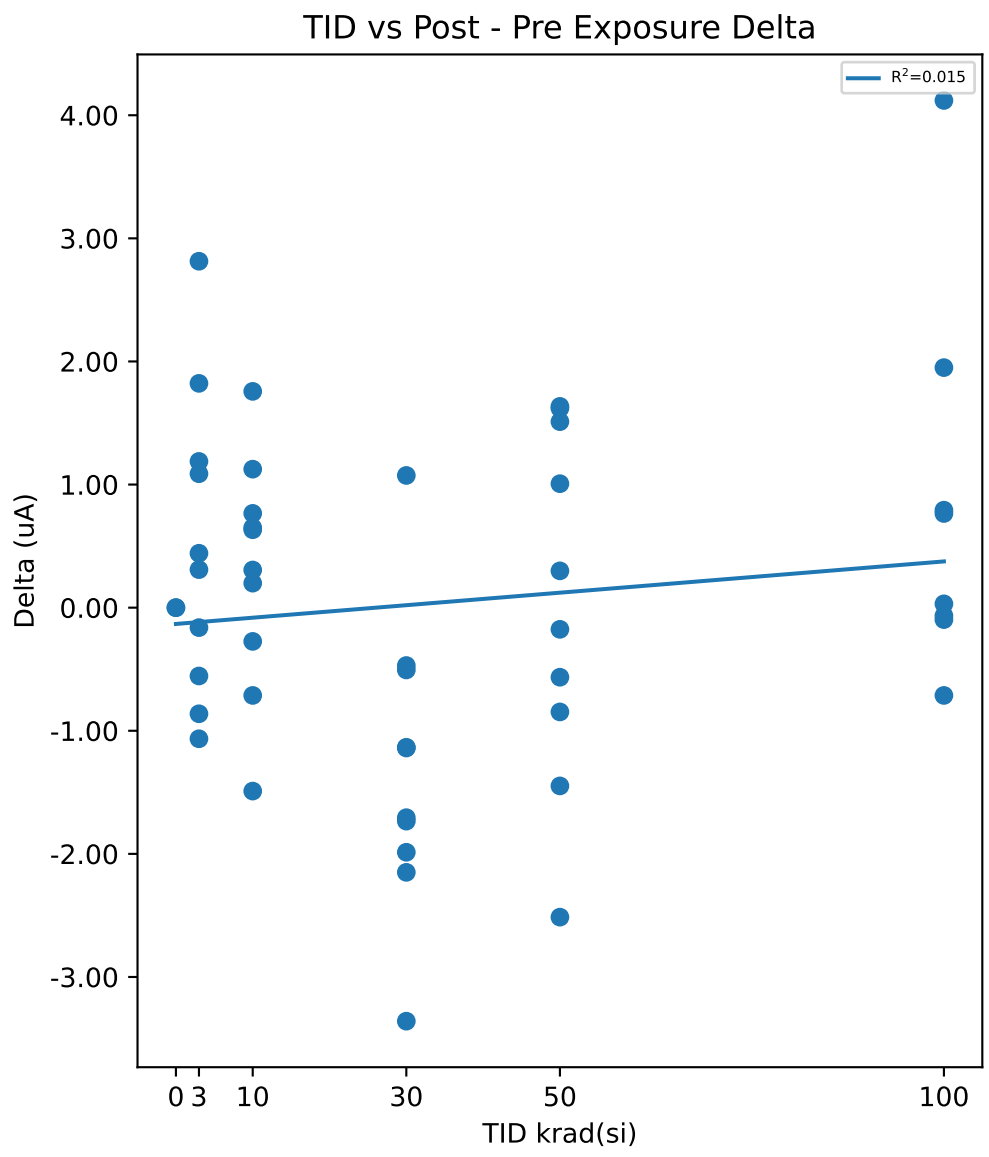


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.16	0.1615	0.163	0.0021213	0.16	0.1615	0.163	0.0021213	0	0	0	0
3	0.238	0.2517	0.265	0.0087184	0.156	0.1648	0.181	0.008324	-0.108	-0.0869	-0.073	0.012741
10	0.238	0.2517	0.265	0.0087184	-0.086	-0.0694	-0.056	0.010752	-0.341	-0.3211	-0.303	0.013908
30	0.238	0.2517	0.265	0.0087184	-0.046	-0.0264	-0.001	0.012313	-0.3	-0.2781	-0.254	0.014768
50	0.238	0.2517	0.265	0.0087184	-0.092	-0.0501	0.047	0.037563	-0.346	-0.3018	-0.201	0.04051
100	0.239	0.24812	0.261	0.0069578	0.219	0.22562	0.237	0.0063906	-0.04	-0.0225	-0.01	0.010447

Device Test: 6.150 LEAK_PU1_MAX/PULLUP1//////@PULL_UP_LKG





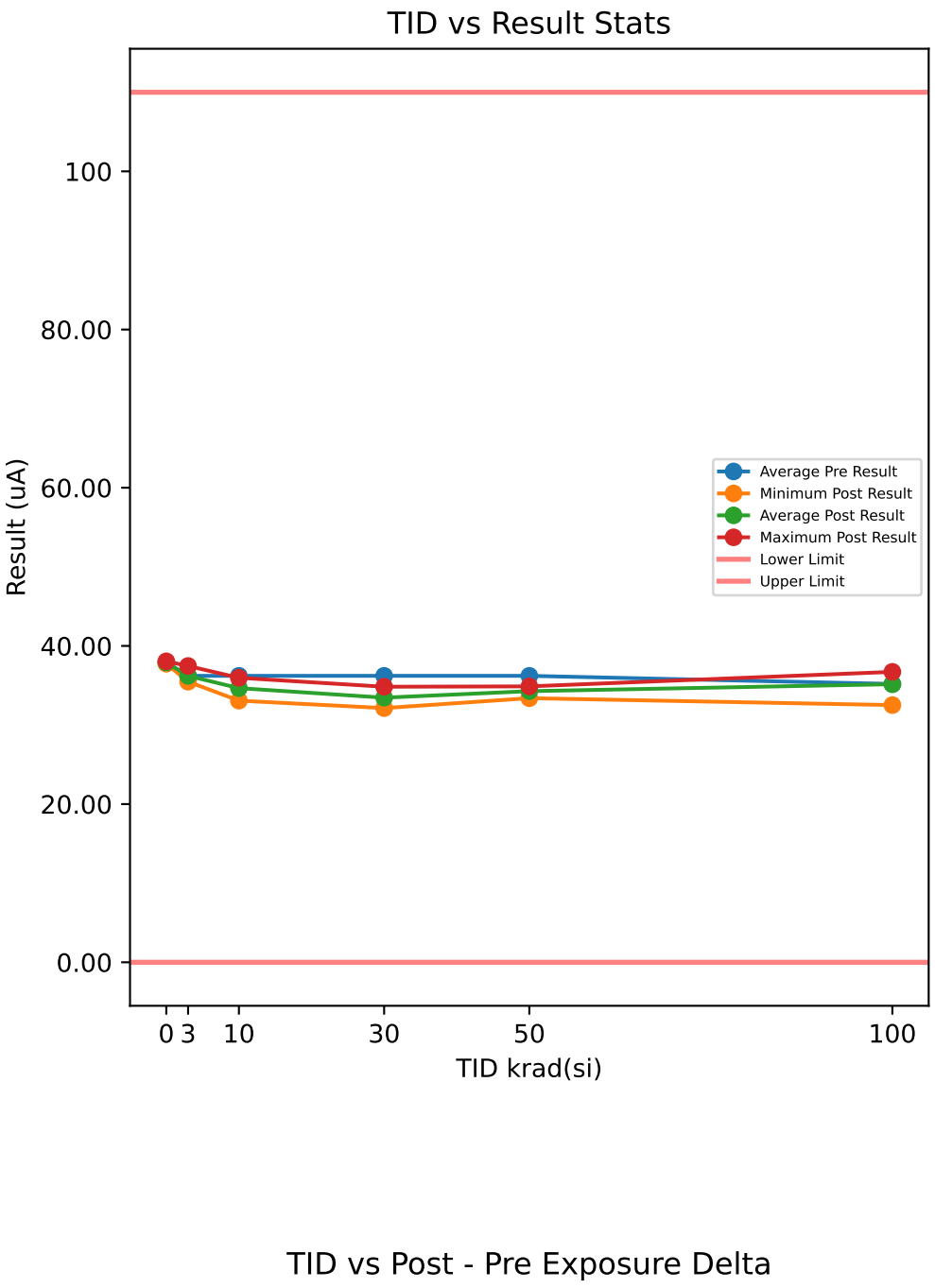
Test Results (Lower Limit = 0.0, Upper Limit = 110.0 (uA))

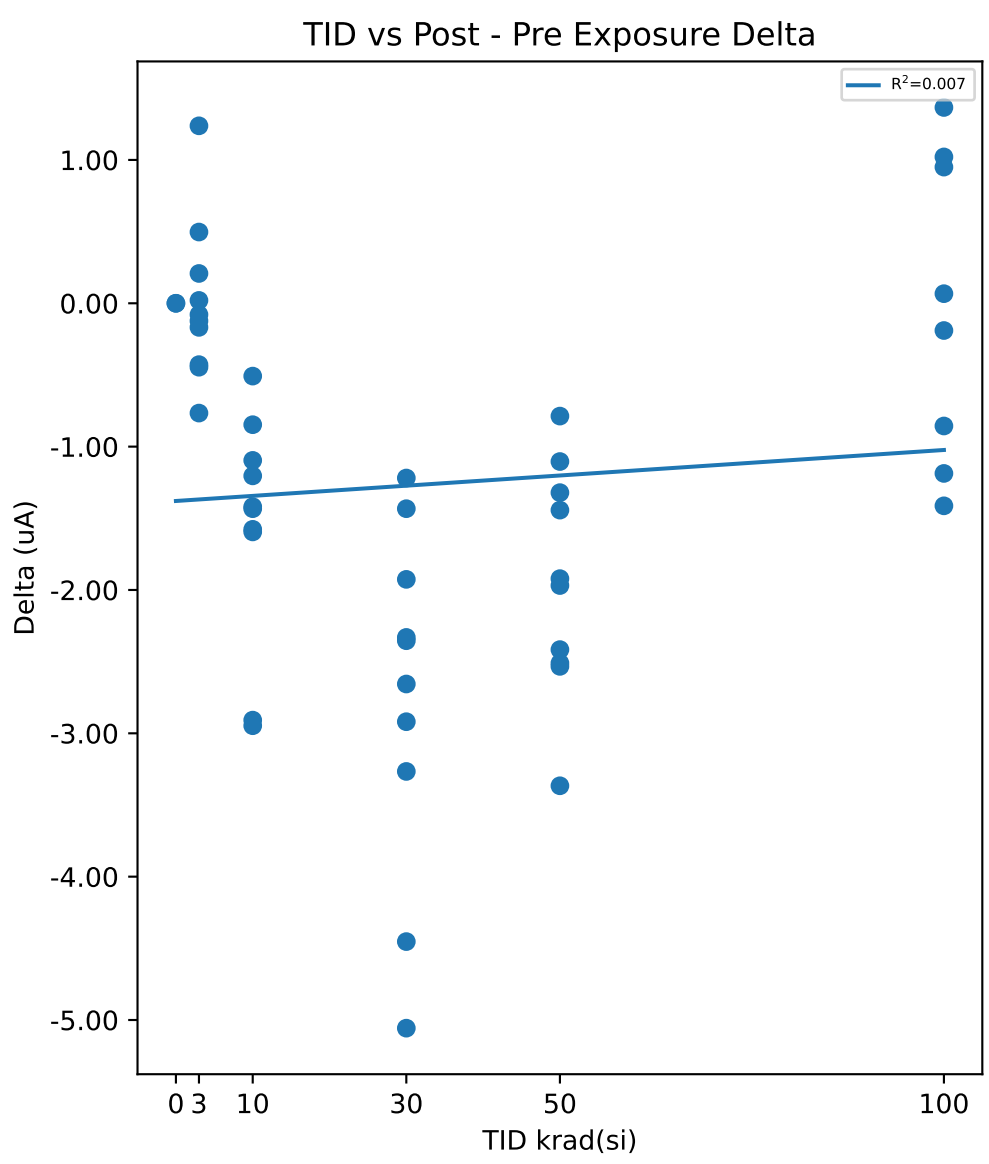
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	57.523	57.523	0
7	0	Correlation	55.419	55.419	0
16	3	LDR-Biased	56.64	55.575	-1.065
18	3	LDR-Biased	55.799	55.244	-0.555
19	3	LDR-Biased	54.031	55.853	1.822
20	3	LDR-Biased	54.07	55.258	1.188
21	3	LDR-Biased	55.808	54.946	-0.862
22	3	LDR-Unbiased	52.669	55.483	2.814
23	3	LDR-Unbiased	55.129	55.571	0.442
25	3	LDR-Unbiased	55.071	54.909	-0.162
26	3	LDR-Unbiased	54.108	55.196	1.088
27	3	LDR-Unbiased	54.554	54.863	0.309
46	10	LDR-Biased	56.64	55.15	-1.49
48	10	LDR-Biased	55.799	55.998	0.199
49	10	LDR-Biased	54.031	55.788	1.757
50	10	LDR-Biased	54.07	54.703	0.633
51	10	LDR-Biased	55.808	55.095	-0.713
52	10	LDR-Unbiased	52.669	53.435	0.766
53	10	LDR-Unbiased	55.129	55.435	0.306
55	10	LDR-Unbiased	55.071	54.797	-0.274
56	10	LDR-Unbiased	54.108	55.233	1.125
57	10	LDR-Unbiased	54.554	55.204	0.65
76	30	LDR-Biased	56.64	53.281	-3.359
78	30	LDR-Biased	55.799	54.093	-1.706
79	30	LDR-Biased	54.031	52.897	-1.134
80	30	LDR-Biased	54.07	53.6	-0.47
81	30	LDR-Biased	55.808	54.074	-1.734
82	30	LDR-Unbiased	52.669	53.743	1.074
83	30	LDR-Unbiased	55.129	52.979	-2.15
84	30	LDR-Unbiased	54.554	53.414	-1.14
85	30	LDR-Unbiased	55.071	53.084	-1.987
86	30	LDR-Unbiased	54.108	53.602	-0.506
87	100	LDR-Biased	54.785	55.577	0.792
88	100	LDR-Biased	54.855	56.805	1.95
90	100	LDR-Biased	54.985	54.888	-0.097
91	100	LDR-Unbiased	52.182	56.302	4.12
93	100	LDR-Unbiased	54.938	54.225	-0.713
94	100	LDR-Unbiased	53.93	54.695	0.765
95	100	LDR-Unbiased	54.371	54.402	0.031
96	100	LDR-Unbiased	54.362	54.297	-0.065
106	50	LDR-Biased	56.64	54.126	-2.514
108	50	LDR-Biased	55.799	56.098	0.299
109	50	LDR-Biased	54.031	55.542	1.511
110	50	LDR-Biased	54.07	55.077	1.007
111	50	LDR-Biased	55.808	54.36	-1.448
112	50	LDR-Unbiased	52.669	54.304	1.635
113	50	LDR-Unbiased	55.129	54.564	-0.565
115	50	LDR-Unbiased	55.071	54.224	-0.847
116	50	LDR-Unbiased	54.108	55.728	1.62
117	50	LDR-Unbiased	54.554	54.378	-0.176

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	55.419	56.471	57.523	1.4878	55.419	56.471	57.523	1.4878	0	0	0	0
3	52.669	54.788	56.64	1.1443	54.863	55.29	55.853	0.32867	-1.065	0.5019	2.814	1.239
10	52.669	54.788	56.64	1.1443	53.435	55.084	55.998	0.70254	-1.49	0.2959	1.757	0.93237
30	52.669	54.788	56.64	1.1443	52.897	53.477	54.093	0.42408	-3.359	-1.3112	1.074	1.1923
50	52.669	54.788	56.64	1.1443	54.126	54.84	56.098	0.71621	-2.514	0.0522	1.635	1.4198
100	52.182	54.301	54.985	0.92976	54.225	55.149	56.805	0.97591	-0.713	0.84787	4.12	1.5474

Device Test: 6.151 LEAK_PU2_MAX/PULLUP1//////@PULL_UP_LKG





Test Results (Lower Limit = 0.0, Upper Limit = 110.0 (uA))

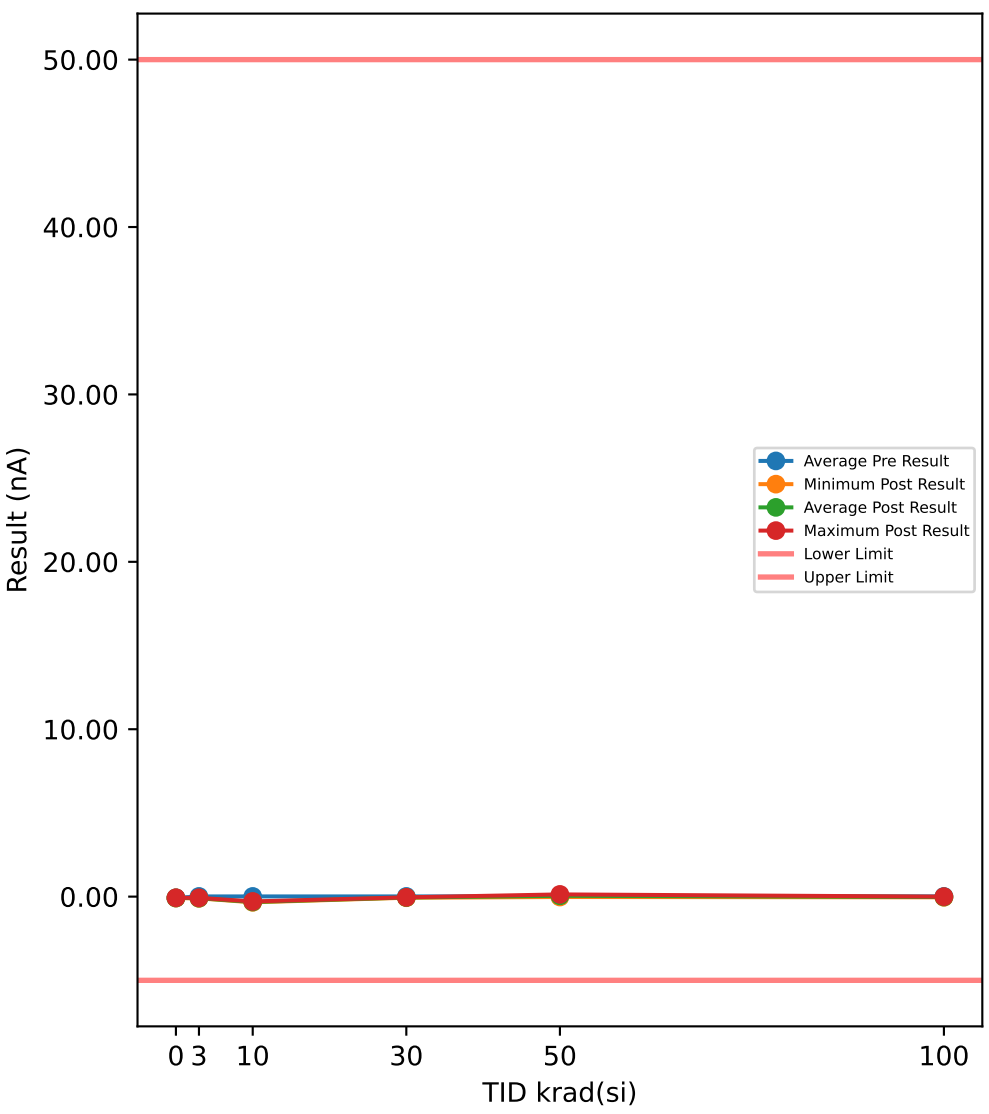
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	38.051	38.051	0
7	0	Correlation	37.751	37.751	0
16	3	LDR-Biased	37.889	37.461	-0.428
18	3	LDR-Biased	36.817	36.738	-0.079
19	3	LDR-Biased	36.593	37.09	0.497
20	3	LDR-Biased	36.271	36.148	-0.123
21	3	LDR-Biased	35.08	36.318	1.238
22	3	LDR-Unbiased	36.265	35.499	-0.766
23	3	LDR-Unbiased	35.545	35.753	0.208
25	3	LDR-Unbiased	35.789	35.809	0.02
26	3	LDR-Unbiased	35.926	35.48	-0.446
27	3	LDR-Unbiased	35.988	35.82	-0.168
46	10	LDR-Biased	37.889	34.942	-2.947
48	10	LDR-Biased	36.817	35.97	-0.847
49	10	LDR-Biased	36.593	35.497	-1.096
50	10	LDR-Biased	36.271	34.852	-1.419
51	10	LDR-Biased	35.08	34.572	-0.508
52	10	LDR-Unbiased	36.265	35.061	-1.204
53	10	LDR-Unbiased	35.545	33.95	-1.595
55	10	LDR-Unbiased	35.789	34.212	-1.577
56	10	LDR-Unbiased	35.926	34.493	-1.433
57	10	LDR-Unbiased	35.988	33.08	-2.908
76	30	LDR-Biased	37.889	32.832	-5.057
78	30	LDR-Biased	36.817	33.551	-3.266
79	30	LDR-Biased	36.593	32.14	-4.453
80	30	LDR-Biased	36.271	34.838	-1.433
81	30	LDR-Biased	35.08	33.861	-1.219
82	30	LDR-Unbiased	36.265	33.609	-2.656
83	30	LDR-Unbiased	35.545	33.619	-1.926
84	30	LDR-Unbiased	35.988	33.657	-2.331
85	30	LDR-Unbiased	35.789	32.87	-2.919
86	30	LDR-Unbiased	35.926	33.572	-2.354
87	100	LDR-Biased	35.315	36.336	1.021
88	100	LDR-Biased	35.392	35.202	-0.19
90	100	LDR-Biased	35.352	36.718	1.366
91	100	LDR-Unbiased	35.325	36.275	0.95
93	100	LDR-Unbiased	35.53	35.597	0.067
94	100	LDR-Unbiased	33.932	32.519	-1.413
95	100	LDR-Unbiased	35.556	34.7	-0.856
96	100	LDR-Unbiased	35.11	33.923	-1.187
106	50	LDR-Biased	37.889	34.523	-3.366
108	50	LDR-Biased	36.817	34.307	-2.51
109	50	LDR-Biased	36.593	34.177	-2.416
110	50	LDR-Biased	36.271	34.302	-1.969
111	50	LDR-Biased	35.08	33.759	-1.321
112	50	LDR-Unbiased	36.265	34.822	-1.443
113	50	LDR-Unbiased	35.545	34.758	-0.787
115	50	LDR-Unbiased	35.789	33.868	-1.921
116	50	LDR-Unbiased	35.926	33.393	-2.533
117	50	LDR-Unbiased	35.988	34.884	-1.104

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	37.751	37.901	38.051	0.21213	37.751	37.901	38.051	0.21213	0	0	0	0
3	35.08	36.216	37.889	0.77221	35.48	36.212	37.461	0.68263	-0.766	-0.0047	1.238	0.5619
10	35.08	36.216	37.889	0.77221	33.08	34.663	35.97	0.81176	-2.947	-1.5534	-0.508	0.79827
30	35.08	36.216	37.889	0.77221	32.14	33.455	34.838	0.71891	-5.057	-2.7614	-1.219	1.2299
50	35.08	36.216	37.889	0.77221	33.393	34.279	34.884	0.49282	-3.366	-1.937	-0.787	0.78854
100	33.932	35.189	35.556	0.52636	32.519	35.159	36.718	1.4123	-1.413	-0.03025	1.366	1.0679

Device Test: 6.16 ILKG_SENSE1/SENSE1//14/0/0/0/@ILKG_SENSE

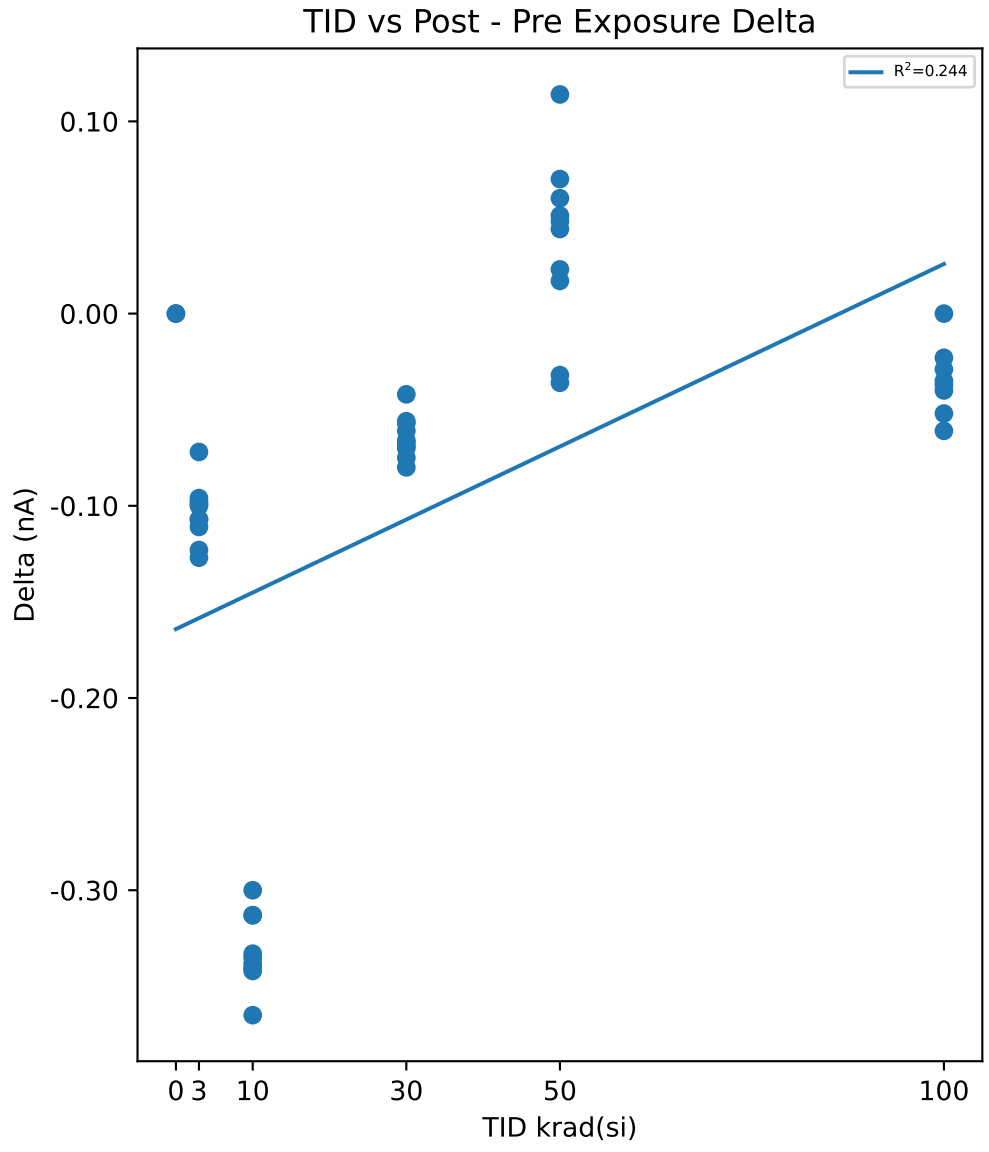
TID vs Result Stats



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	-0.067	-0.067	0
7	0	Correlation	-0.088	-0.088	0
16	3	LDR-Biased	0.012	-0.099	-0.111
18	3	LDR-Biased	0.013	-0.085	-0.098
19	3	LDR-Biased	0.009	-0.098	-0.107
20	3	LDR-Biased	-0	-0.072	-0.072
21	3	LDR-Biased	0.024	-0.103	-0.127
22	3	LDR-Unbiased	0.004	-0.095	-0.099
23	3	LDR-Unbiased	0.01	-0.09	-0.1
25	3	LDR-Unbiased	0.013	-0.083	-0.096
26	3	LDR-Unbiased	0.019	-0.088	-0.107
27	3	LDR-Unbiased	0.02	-0.103	-0.123
46	10	LDR-Biased	0.012	-0.288	-0.3
48	10	LDR-Biased	0.013	-0.325	-0.338
49	10	LDR-Biased	0.009	-0.331	-0.34
50	10	LDR-Biased	-0	-0.335	-0.335
51	10	LDR-Biased	0.024	-0.341	-0.365
52	10	LDR-Unbiased	0.004	-0.329	-0.333
53	10	LDR-Unbiased	0.01	-0.303	-0.313
55	10	LDR-Unbiased	0.013	-0.328	-0.341
56	10	LDR-Unbiased	0.019	-0.323	-0.342
57	10	LDR-Unbiased	0.02	-0.293	-0.313
76	30	LDR-Biased	0.012	-0.045	-0.057
78	30	LDR-Biased	0.013	-0.062	-0.075
79	30	LDR-Biased	0.009	-0.058	-0.067
80	30	LDR-Biased	-0	-0.042	-0.042
81	30	LDR-Biased	0.024	-0.042	-0.066
82	30	LDR-Unbiased	0.004	-0.052	-0.056
83	30	LDR-Unbiased	0.01	-0.06	-0.07
84	30	LDR-Unbiased	0.02	-0.049	-0.069
85	30	LDR-Unbiased	0.013	-0.067	-0.08
86	30	LDR-Unbiased	0.019	-0.042	-0.061
87	100	LDR-Biased	0.001	-0.022	-0.023
88	100	LDR-Biased	0.009	-0.031	-0.04
90	100	LDR-Biased	0.008	-0.021	-0.029
91	100	LDR-Unbiased	0.013	-0.024	-0.037
93	100	LDR-Unbiased	0.02	-0.041	-0.061
94	100	LDR-Unbiased	0.02	-0.015	-0.035
95	100	LDR-Unbiased	0.03	-0.022	-0.052
96	100	LDR-Unbiased	-0.001	-0.001	0
106	50	LDR-Biased	0.012	-0.024	-0.036
108	50	LDR-Biased	0.013	-0.019	-0.032
109	50	LDR-Biased	0.009	0.06	0.051
110	50	LDR-Biased	-0	0.06	0.06
111	50	LDR-Biased	0.024	0.041	0.017
112	50	LDR-Unbiased	0.004	0.074	0.07
113	50	LDR-Unbiased	0.01	0.033	0.023
115	50	LDR-Unbiased	0.013	0.057	0.044
116	50	LDR-Unbiased	0.019	0.133	0.114
117	50	LDR-Unbiased	0.02	0.068	0.048

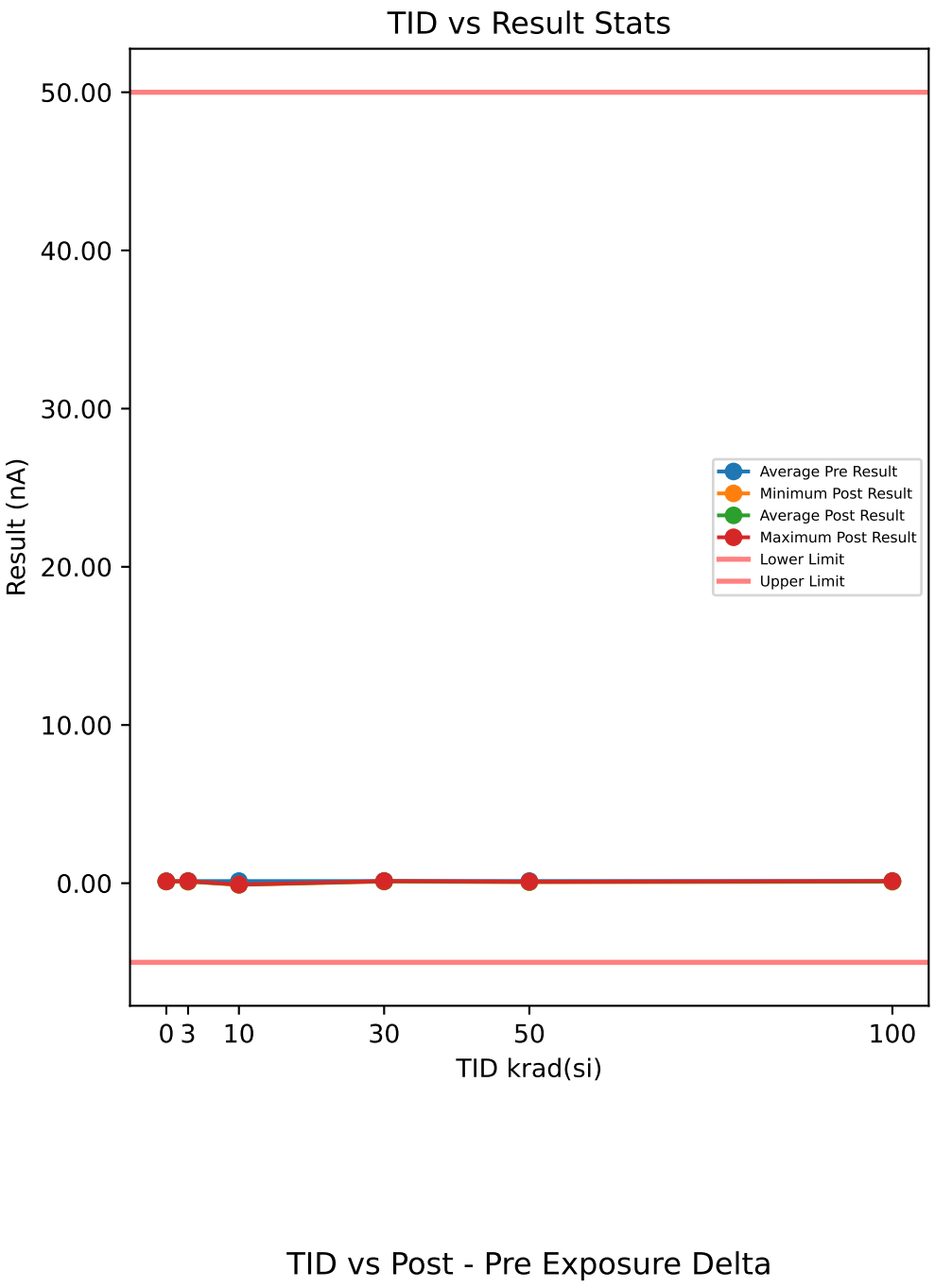
TID vs Post - Pre Exposure Delta

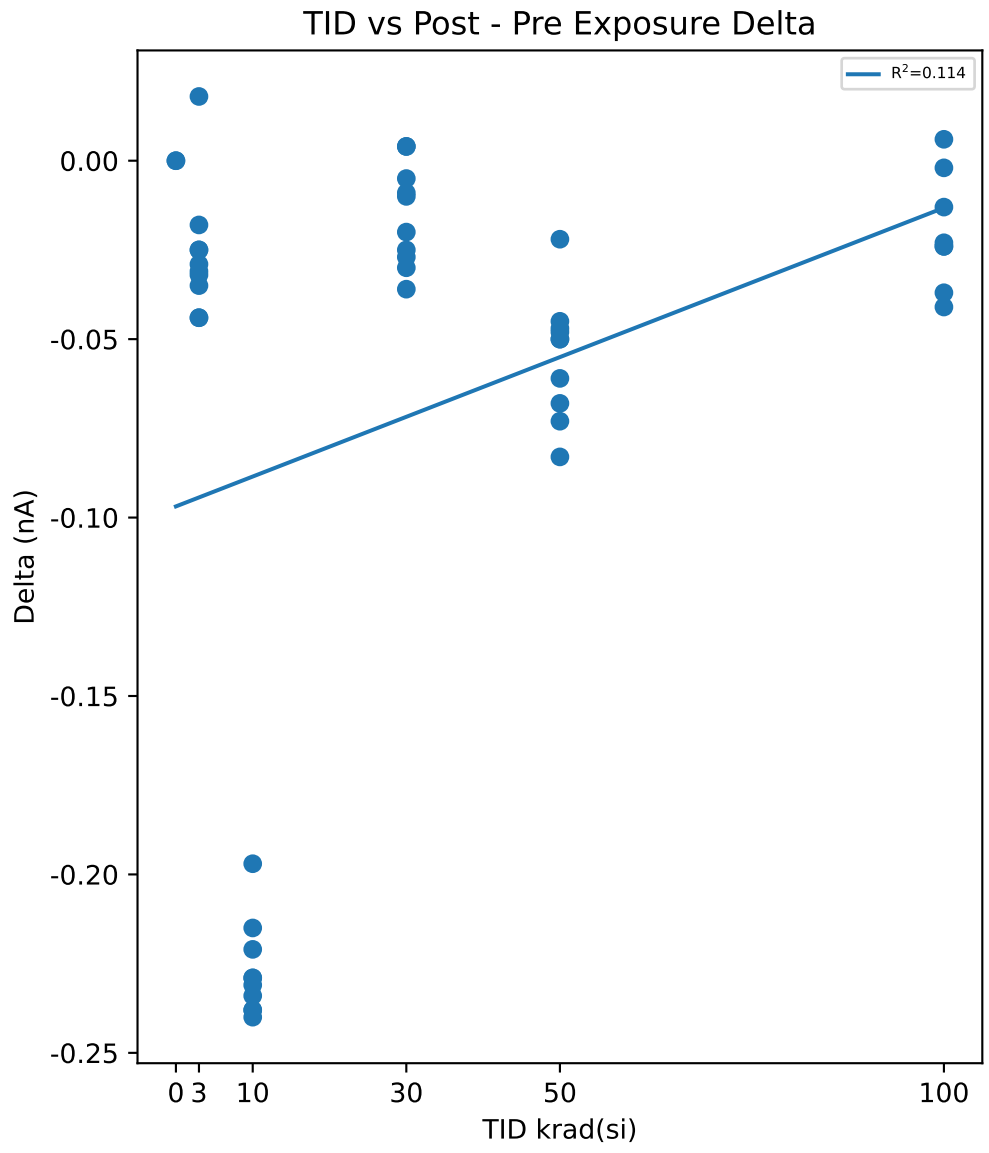


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.088	-0.0775	-0.067	0.014849	-0.088	-0.0775	-0.067	0.014849	0	0	0	0
3	-0	0.0124	0.024	0.0072908	-0.103	-0.0916	-0.072	0.009913	-0.127	-0.104	-0.072	0.015355
10	-0	0.0124	0.024	0.0072908	-0.341	-0.3196	-0.288	0.018277	-0.365	-0.332	-0.3	0.018637
30	-0	0.0124	0.024	0.0072908	-0.067	-0.0519	-0.042	0.0093268	-0.08	-0.0643	-0.042	0.010833
50	-0	0.0124	0.024	0.0072908	-0.024	0.0483	0.133	0.04548	-0.036	0.0359	0.114	0.045445
100	-0.001	0.0125	0.03	0.010461	-0.041	-0.022125	-0.001	0.011569	-0.061	-0.034625	0	0.018508

Device Test: 6.17 ILKG_SENSE2/SENSE2//14/0/0/0/@ILKG_SENSE





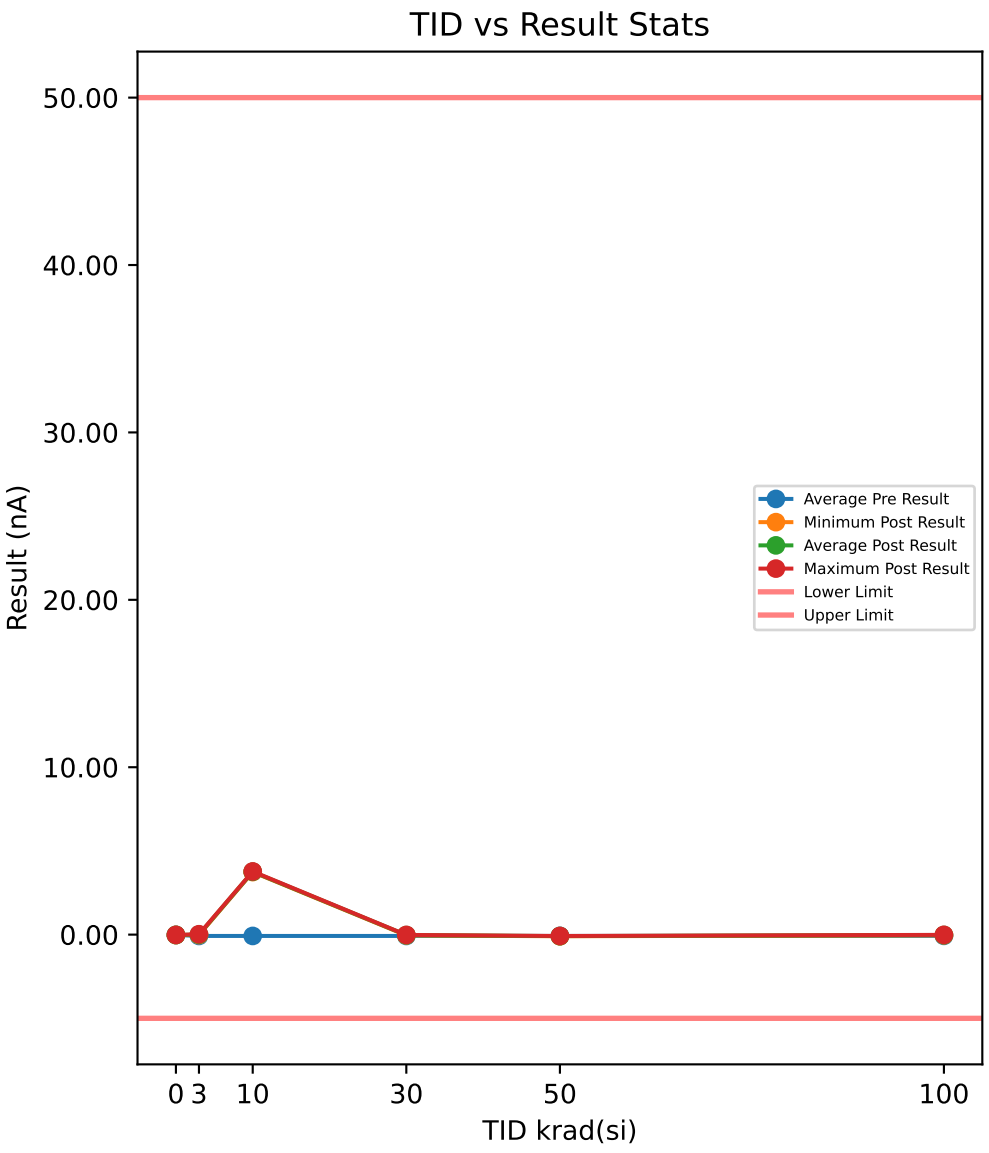
Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.12	0.12	0
7	0	Correlation	0.103	0.103	0
16	3	LDR-Biased	0.132	0.107	-0.025
18	3	LDR-Biased	0.134	0.105	-0.029
19	3	LDR-Biased	0.137	0.093	-0.044
20	3	LDR-Biased	0.134	0.103	-0.031
21	3	LDR-Biased	0.145	0.101	-0.044
22	3	LDR-Unbiased	0.134	0.102	-0.032
23	3	LDR-Unbiased	0.113	0.131	0.018
25	3	LDR-Unbiased	0.141	0.106	-0.035
26	3	LDR-Unbiased	0.132	0.114	-0.018
27	3	LDR-Unbiased	0.147	0.122	-0.025
46	10	LDR-Biased	0.132	-0.106	-0.238
48	10	LDR-Biased	0.134	-0.095	-0.229
49	10	LDR-Biased	0.137	-0.084	-0.221
50	10	LDR-Biased	0.134	-0.106	-0.24
51	10	LDR-Biased	0.145	-0.093	-0.238
52	10	LDR-Unbiased	0.134	-0.095	-0.229
53	10	LDR-Unbiased	0.113	-0.084	-0.197
55	10	LDR-Unbiased	0.141	-0.093	-0.234
56	10	LDR-Unbiased	0.132	-0.083	-0.215
57	10	LDR-Unbiased	0.147	-0.084	-0.231
76	30	LDR-Biased	0.132	0.127	-0.005
78	30	LDR-Biased	0.134	0.109	-0.025
79	30	LDR-Biased	0.137	0.101	-0.036
80	30	LDR-Biased	0.134	0.124	-0.01
81	30	LDR-Biased	0.145	0.136	-0.009
82	30	LDR-Unbiased	0.134	0.104	-0.03
83	30	LDR-Unbiased	0.113	0.117	0.004
84	30	LDR-Unbiased	0.147	0.127	-0.02
85	30	LDR-Unbiased	0.141	0.114	-0.027
86	30	LDR-Unbiased	0.132	0.136	0.004
87	100	LDR-Biased	0.14	0.116	-0.024
88	100	LDR-Biased	0.114	0.09	-0.024
90	100	LDR-Biased	0.134	0.121	-0.013
91	100	LDR-Unbiased	0.111	0.109	-0.002
93	100	LDR-Unbiased	0.134	0.111	-0.023
94	100	LDR-Unbiased	0.149	0.112	-0.037
95	100	LDR-Unbiased	0.143	0.102	-0.041
96	100	LDR-Unbiased	0.129	0.135	0.006
106	50	LDR-Biased	0.132	0.082	-0.05
108	50	LDR-Biased	0.134	0.066	-0.068
109	50	LDR-Biased	0.137	0.09	-0.047
110	50	LDR-Biased	0.134	0.073	-0.061
111	50	LDR-Biased	0.145	0.1	-0.045
112	50	LDR-Unbiased	0.134	0.086	-0.048
113	50	LDR-Unbiased	0.113	0.091	-0.022
115	50	LDR-Unbiased	0.141	0.068	-0.073
116	50	LDR-Unbiased	0.132	0.082	-0.05
117	50	LDR-Unbiased	0.147	0.064	-0.083

Test Statistics (nA)

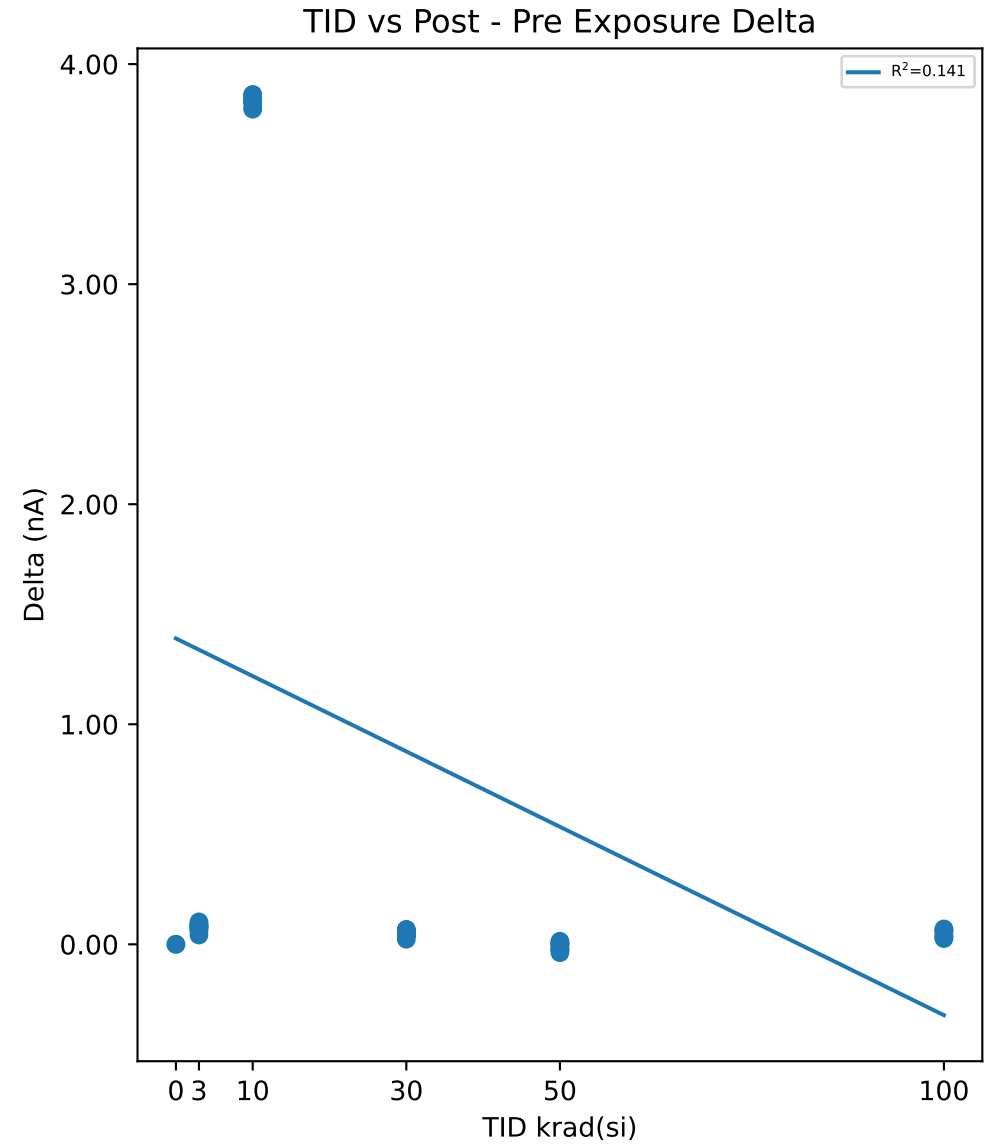
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.103	0.1115	0.12	0.012021	0.103	0.1115	0.12	0.012021	0	0	0	0
3	0.113	0.1349	0.147	0.0093625	0.093	0.1084	0.131	0.011098	-0.044	-0.0265	0.018	0.017634
10	0.113	0.1349	0.147	0.0093625	-0.106	-0.0923	-0.083	0.0087184	-0.24	-0.2272	-0.197	0.013181
30	0.113	0.1349	0.147	0.0093625	0.101	0.1195	0.136	0.012501	-0.036	-0.0154	0.004	0.014206
50	0.113	0.1349	0.147	0.0093625	0.064	0.0802	0.1	0.012063	-0.083	-0.0547	-0.022	0.017205
100	0.111	0.13175	0.149	0.013392	0.09	0.112	0.135	0.013202	-0.041	-0.01975	0.006	0.016122

Device Test: 6.18 ILKG_SENSE3/SENSE3//14/0/0/0/@ILKG_SENSE



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

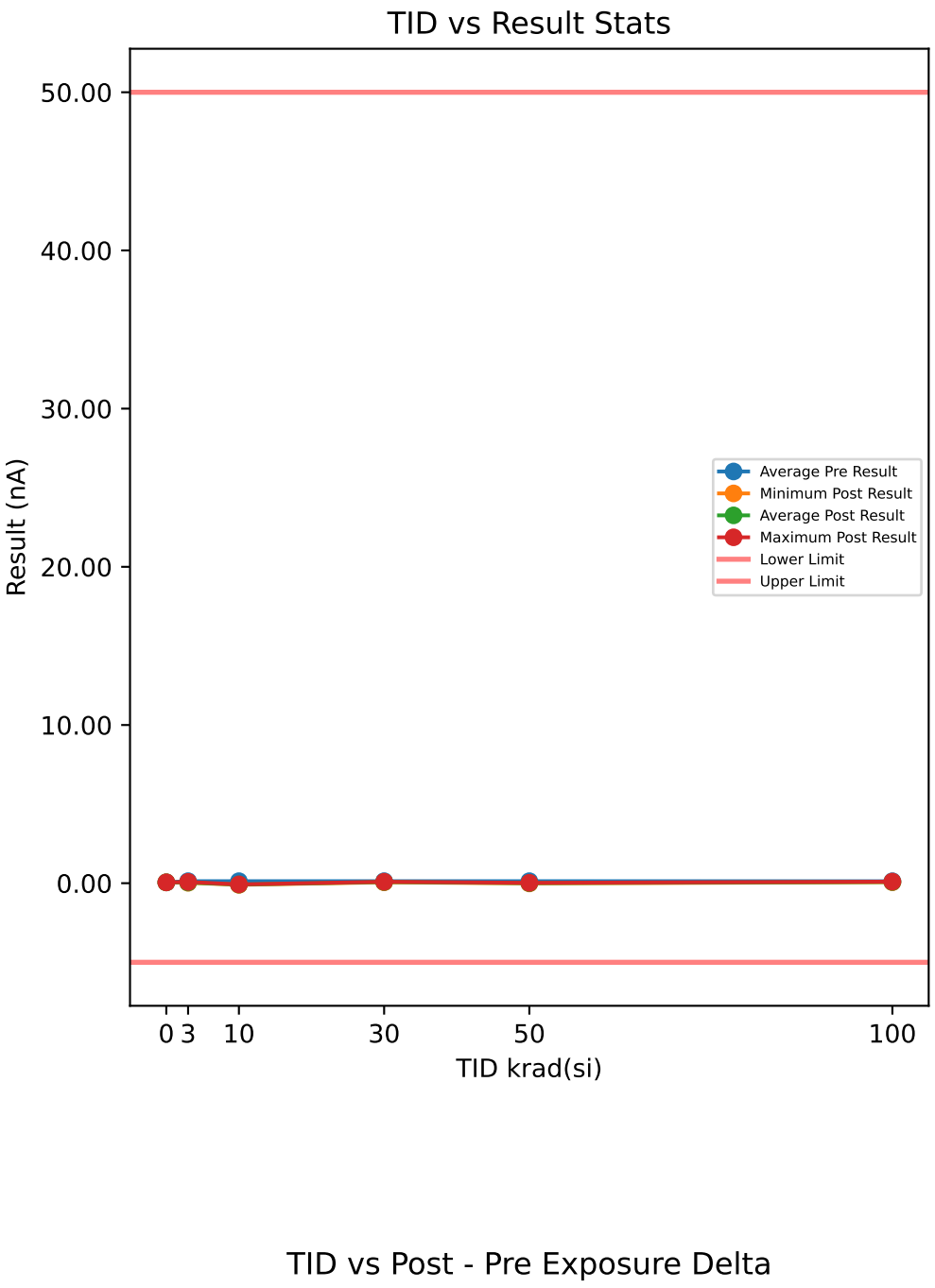
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	-0.023	-0.023	0
7	0	Correlation	-0.018	-0.018	0
16	3	LDR-Biased	-0.079	-0.014	0.065
18	3	LDR-Biased	-0.087	-0.009	0.078
19	3	LDR-Biased	-0.082	-0.003	0.079
20	3	LDR-Biased	-0.096	-0.001	0.095
21	3	LDR-Biased	-0.06	0.023	0.083
22	3	LDR-Unbiased	-0.093	-0.007	0.086
23	3	LDR-Unbiased	-0.077	0.005	0.082
25	3	LDR-Unbiased	-0.055	0.008	0.063
26	3	LDR-Unbiased	-0.069	-0.027	0.042
27	3	LDR-Unbiased	-0.091	0.011	0.102
46	10	LDR-Biased	-0.079	3.752	3.831
48	10	LDR-Biased	-0.087	3.775	3.862
49	10	LDR-Biased	-0.082	3.761	3.843
50	10	LDR-Biased	-0.096	3.764	3.86
51	10	LDR-Biased	-0.06	3.742	3.802
52	10	LDR-Unbiased	-0.093	3.757	3.85
53	10	LDR-Unbiased	-0.077	3.748	3.825
55	10	LDR-Unbiased	-0.055	3.74	3.795
56	10	LDR-Unbiased	-0.069	3.757	3.826
57	10	LDR-Unbiased	-0.091	3.738	3.829
76	30	LDR-Biased	-0.079	-0.019	0.06
78	30	LDR-Biased	-0.087	-0.021	0.066
79	30	LDR-Biased	-0.082	-0.038	0.044
80	30	LDR-Biased	-0.096	-0.035	0.061
81	30	LDR-Biased	-0.06	-0.02	0.04
82	30	LDR-Unbiased	-0.093	-0.046	0.047
83	30	LDR-Unbiased	-0.077	-0.036	0.041
84	30	LDR-Unbiased	-0.091	-0.023	0.068
85	30	LDR-Unbiased	-0.055	-0.032	0.023
86	30	LDR-Unbiased	-0.069	-0.027	0.042
87	100	LDR-Biased	-0.074	-0.032	0.042
88	100	LDR-Biased	-0.087	-0.021	0.066
90	100	LDR-Biased	-0.064	-0.033	0.031
91	100	LDR-Unbiased	-0.047	-0.015	0.032
93	100	LDR-Unbiased	-0.084	-0.014	0.07
94	100	LDR-Unbiased	-0.078	-0.022	0.056
95	100	LDR-Unbiased	-0.067	-0.041	0.026
96	100	LDR-Unbiased	-0.089	-0.024	0.065
106	50	LDR-Biased	-0.079	-0.09	-0.011
108	50	LDR-Biased	-0.087	-0.083	0.004
109	50	LDR-Biased	-0.082	-0.083	-0.001
110	50	LDR-Biased	-0.096	-0.082	0.014
111	50	LDR-Biased	-0.06	-0.098	-0.038
112	50	LDR-Unbiased	-0.093	-0.089	0.004
113	50	LDR-Unbiased	-0.077	-0.098	-0.021
115	50	LDR-Unbiased	-0.055	-0.081	-0.026
116	50	LDR-Unbiased	-0.069	-0.097	-0.028
117	50	LDR-Unbiased	-0.091	-0.083	0.008

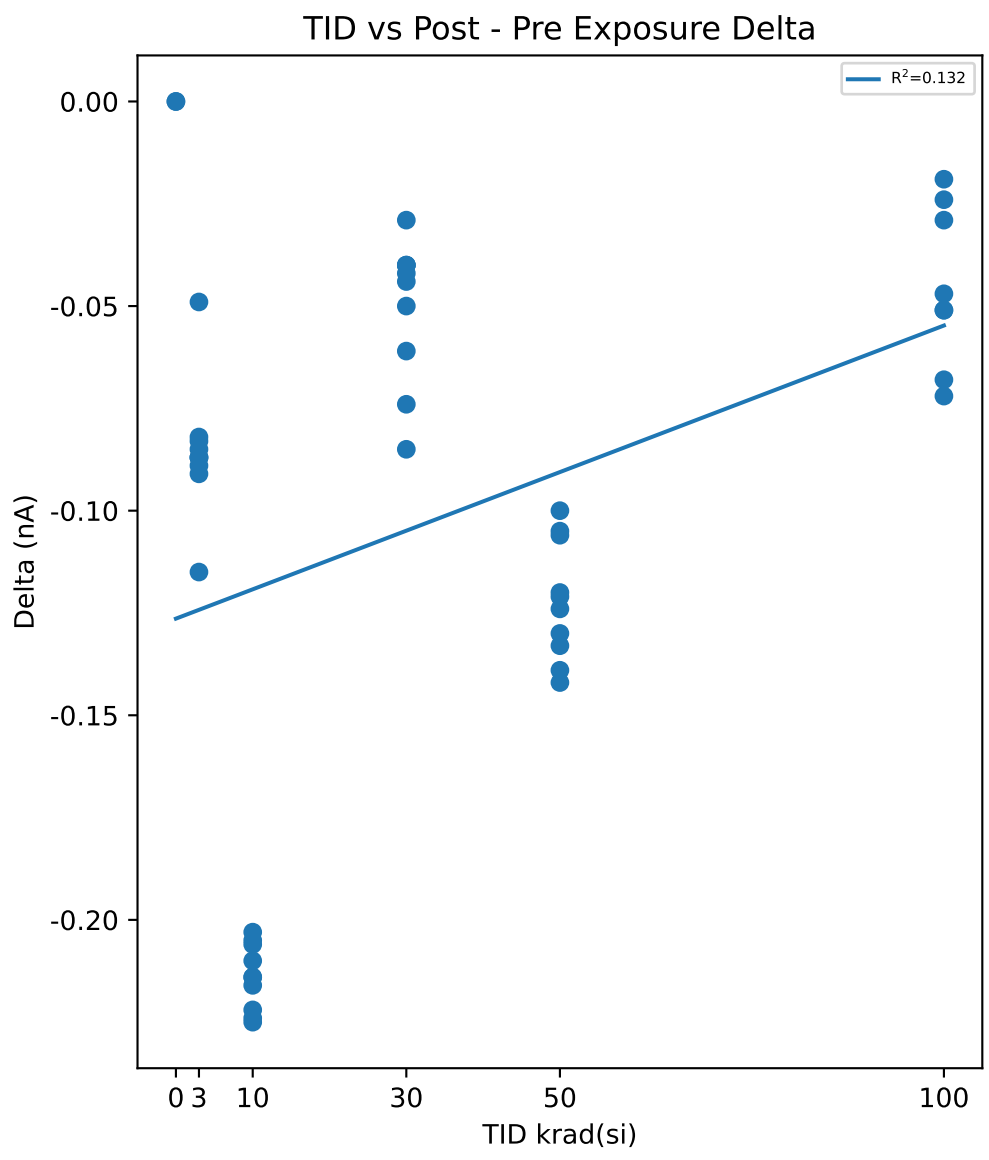


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.023	-0.0205	-0.018	0.0035355	-0.023	-0.0205	-0.018	0.0035355	0	0	0	0
3	-0.096	-0.0789	-0.055	0.013916	-0.027	-0.0014	0.023	0.014081	0.042	0.0775	0.102	0.017187
10	-0.096	-0.0789	-0.055	0.013916	3.738	3.7534	3.775	0.01174	3.795	3.8323	3.862	0.022341
30	-0.096	-0.0789	-0.055	0.013916	-0.046	-0.0297	-0.019	0.0090927	0.023	0.0492	0.068	0.014195
50	-0.096	-0.0789	-0.055	0.013916	-0.098	-0.0884	-0.081	0.0070269	-0.038	-0.0095	0.014	0.017815
100	-0.089	-0.07375	-0.047	0.014079	-0.041	-0.02525	-0.014	0.009377	0.026	0.0485	0.07	0.017825

Device Test: 6.19 ILKG_SENSE4/SENSE4//14/0/0/0/@ILKG_SENSE





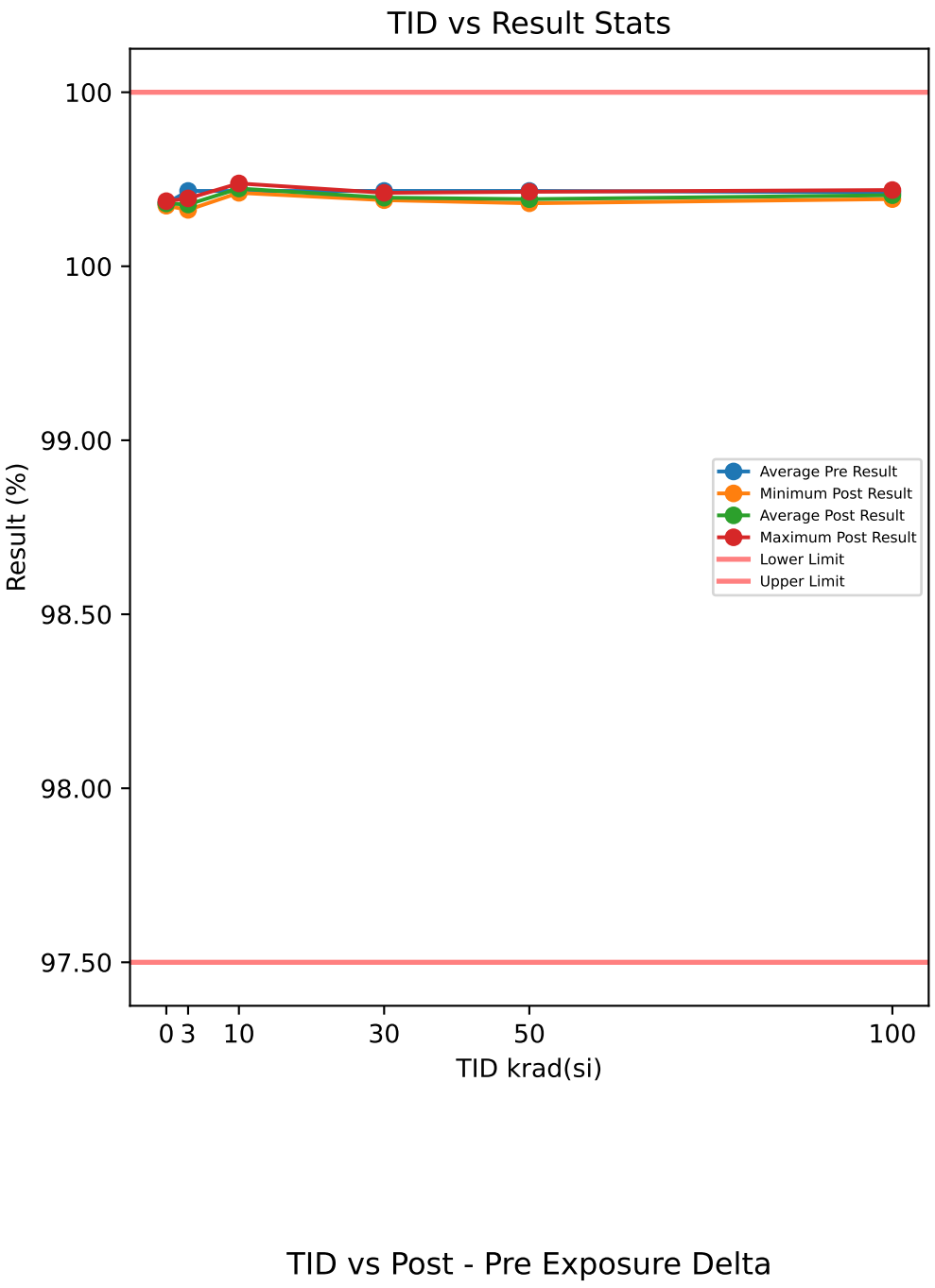
Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

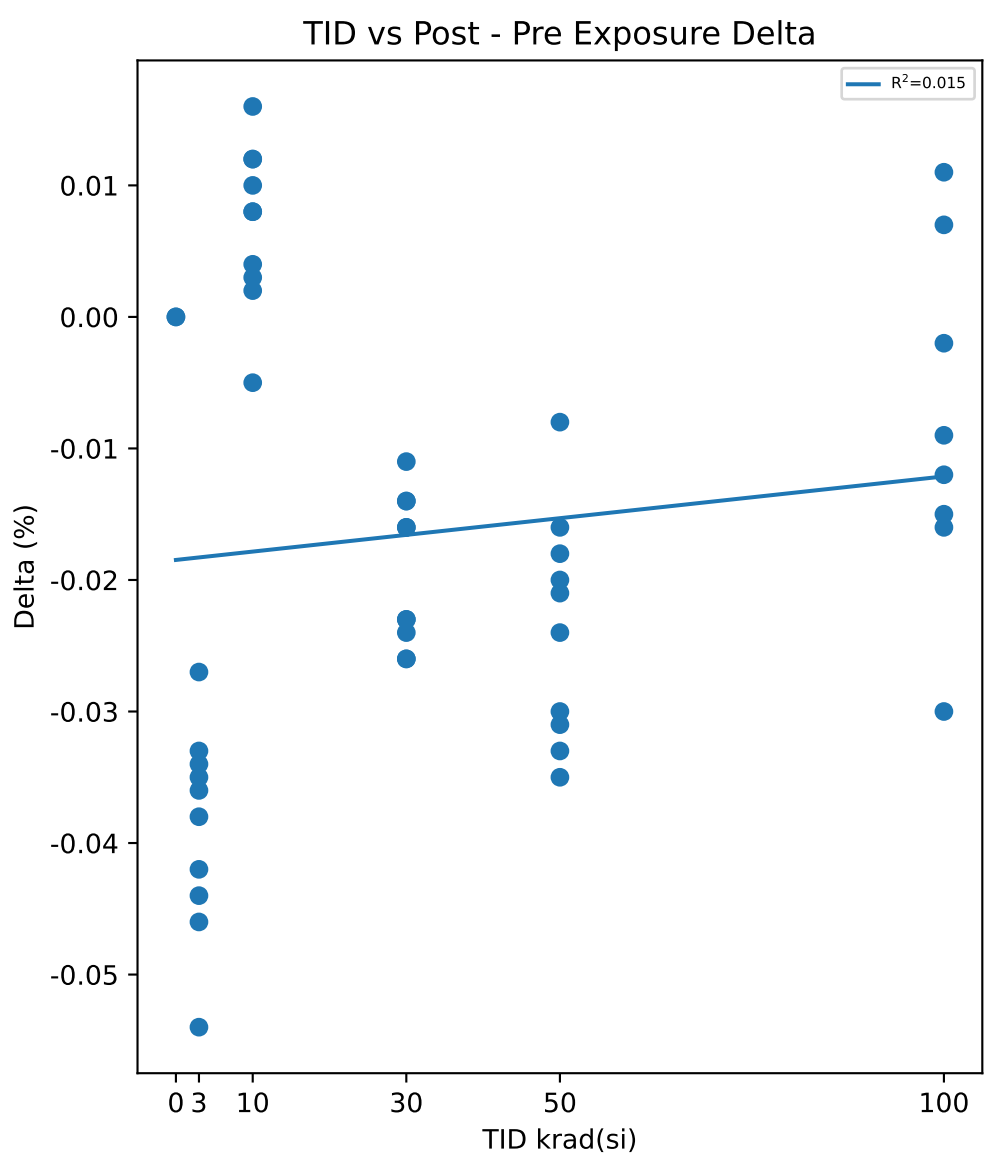
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.05	0.05	0
7	0	Correlation	0.052	0.052	0
16	3	LDR-Biased	0.144	0.029	-0.115
18	3	LDR-Biased	0.117	0.03	-0.087
19	3	LDR-Biased	0.127	0.036	-0.091
20	3	LDR-Biased	0.125	0.042	-0.083
21	3	LDR-Biased	0.126	0.041	-0.085
22	3	LDR-Unbiased	0.132	0.045	-0.087
23	3	LDR-Unbiased	0.124	0.042	-0.082
25	3	LDR-Unbiased	0.121	0.034	-0.087
26	3	LDR-Unbiased	0.13	0.081	-0.049
27	3	LDR-Unbiased	0.123	0.034	-0.089
46	10	LDR-Biased	0.144	-0.078	-0.222
48	10	LDR-Biased	0.117	-0.089	-0.206
49	10	LDR-Biased	0.127	-0.076	-0.203
50	10	LDR-Biased	0.125	-0.089	-0.214
51	10	LDR-Biased	0.126	-0.079	-0.205
52	10	LDR-Unbiased	0.132	-0.078	-0.21
53	10	LDR-Unbiased	0.124	-0.101	-0.225
55	10	LDR-Unbiased	0.121	-0.103	-0.224
56	10	LDR-Unbiased	0.13	-0.086	-0.216
57	10	LDR-Unbiased	0.123	-0.091	-0.214
76	30	LDR-Biased	0.144	0.059	-0.085
78	30	LDR-Biased	0.117	0.077	-0.04
79	30	LDR-Biased	0.127	0.077	-0.05
80	30	LDR-Biased	0.125	0.085	-0.04
81	30	LDR-Biased	0.126	0.084	-0.042
82	30	LDR-Unbiased	0.132	0.071	-0.061
83	30	LDR-Unbiased	0.124	0.084	-0.04
84	30	LDR-Unbiased	0.123	0.079	-0.044
85	30	LDR-Unbiased	0.121	0.092	-0.029
86	30	LDR-Unbiased	0.13	0.056	-0.074
87	100	LDR-Biased	0.132	0.064	-0.068
88	100	LDR-Biased	0.129	0.078	-0.051
90	100	LDR-Biased	0.118	0.067	-0.051
91	100	LDR-Unbiased	0.116	0.092	-0.024
93	100	LDR-Unbiased	0.117	0.07	-0.047
94	100	LDR-Unbiased	0.134	0.062	-0.072
95	100	LDR-Unbiased	0.117	0.088	-0.029
96	100	LDR-Unbiased	0.119	0.1	-0.019
106	50	LDR-Biased	0.144	0.002	-0.142
108	50	LDR-Biased	0.117	-0.004	-0.121
109	50	LDR-Biased	0.127	-0.003	-0.13
110	50	LDR-Biased	0.125	-0.014	-0.139
111	50	LDR-Biased	0.126	0.006	-0.12
112	50	LDR-Unbiased	0.132	-0.001	-0.133
113	50	LDR-Unbiased	0.124	0	-0.124
115	50	LDR-Unbiased	0.121	0.021	-0.1
116	50	LDR-Unbiased	0.13	0.024	-0.106
117	50	LDR-Unbiased	0.123	0.018	-0.105

Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.05	0.051	0.052	0.0014142	0.05	0.051	0.052	0.0014142	0	0	0	0
3	0.117	0.1269	0.144	0.0073704	0.029	0.0414	0.081	0.014924	-0.115	-0.0855	-0.049	0.015883
10	0.117	0.1269	0.144	0.0073704	-0.103	-0.087	-0.076	0.0095685	-0.225	-0.2139	-0.203	0.0079645
30	0.117	0.1269	0.144	0.0073704	0.056	0.0764	0.092	0.011491	-0.085	-0.0505	-0.029	0.017513
50	0.117	0.1269	0.144	0.0073704	-0.014	0.0049	0.024	0.012306	-0.142	-0.122	-0.1	0.014575
100	0.116	0.12275	0.134	0.0075546	0.062	0.077625	0.1	0.014222	-0.072	-0.045125	-0.019	0.019665

Device Test: 6.2 VLDO/VLDO//3/0/0/0/@VLDO_DO





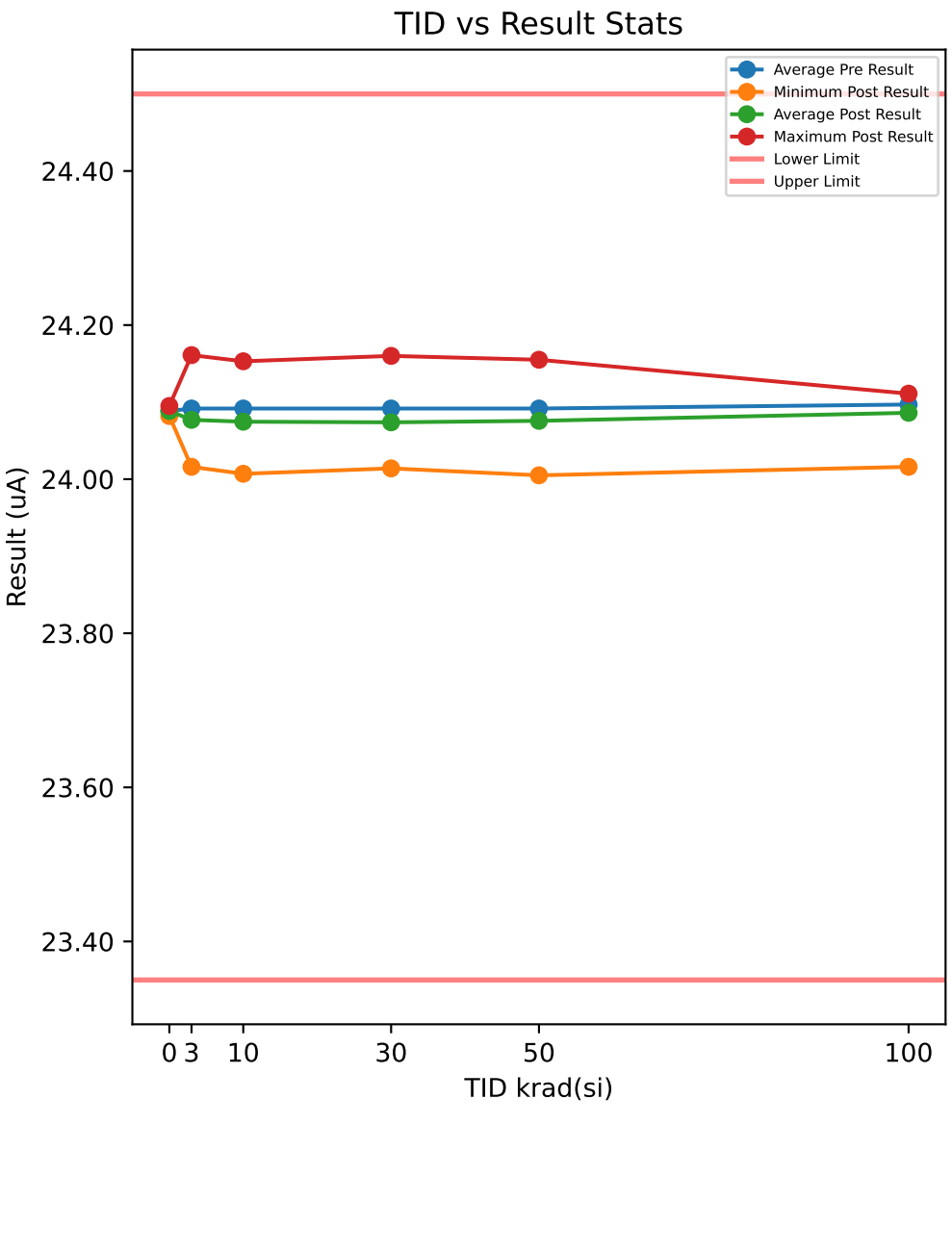
Test Results (Lower Limit = 97.5, Upper Limit = 100.0 (%))

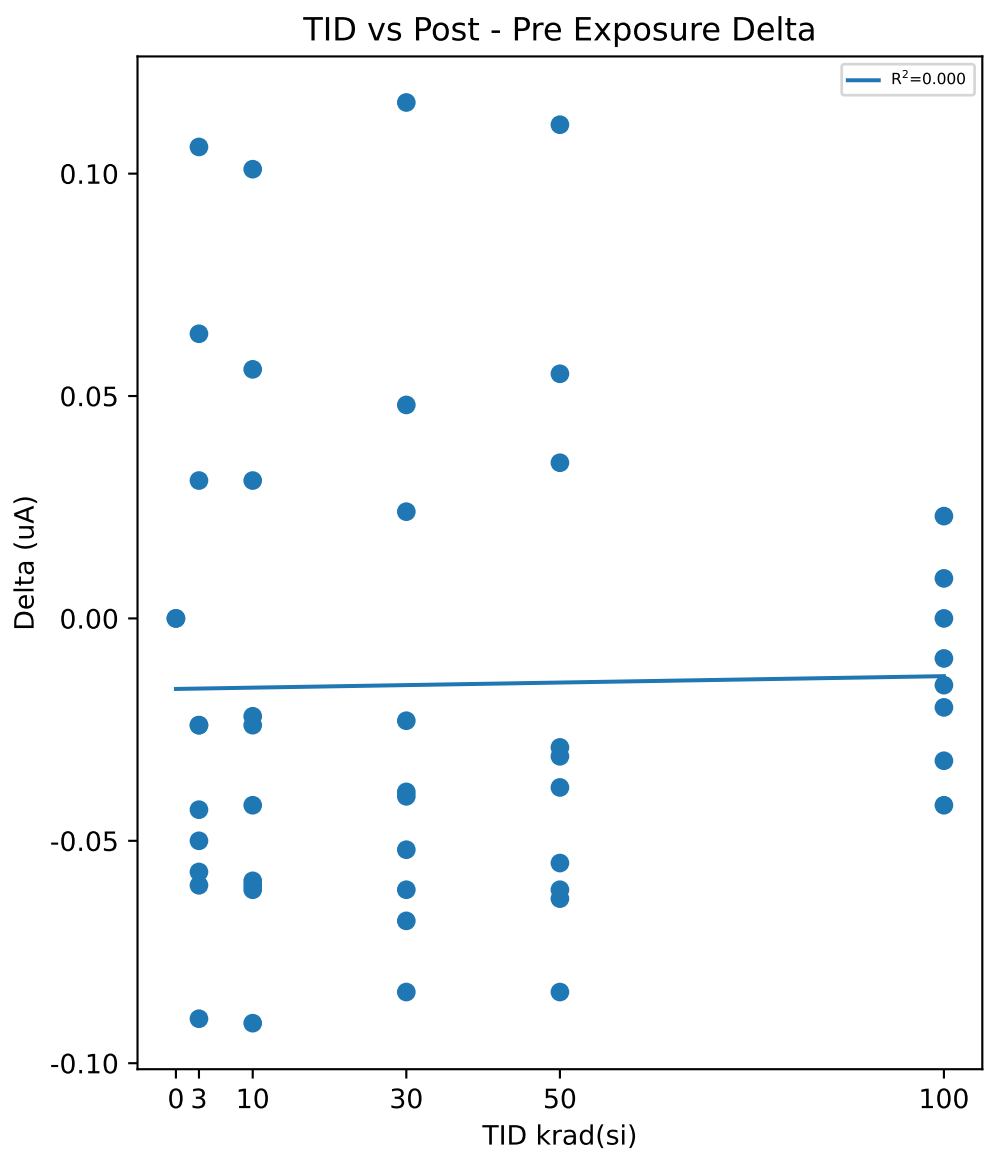
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.674	99.674	0
7	0	Correlation	99.687	99.687	0
16	3	LDR-Biased	99.722	99.695	-0.027
18	3	LDR-Biased	99.717	99.679	-0.038
19	3	LDR-Biased	99.723	99.69	-0.033
20	3	LDR-Biased	99.714	99.678	-0.036
21	3	LDR-Biased	99.708	99.674	-0.034
22	3	LDR-Unbiased	99.706	99.671	-0.035
23	3	LDR-Unbiased	99.716	99.662	-0.054
25	3	LDR-Unbiased	99.723	99.681	-0.042
26	3	LDR-Unbiased	99.718	99.672	-0.046
27	3	LDR-Unbiased	99.717	99.673	-0.044
46	10	LDR-Biased	99.722	99.738	0.016
48	10	LDR-Biased	99.717	99.725	0.008
49	10	LDR-Biased	99.723	99.735	0.012
50	10	LDR-Biased	99.714	99.722	0.008
51	10	LDR-Biased	99.708	99.718	0.01
52	10	LDR-Unbiased	99.706	99.718	0.012
53	10	LDR-Unbiased	99.716	99.711	-0.005
55	10	LDR-Unbiased	99.723	99.727	0.004
56	10	LDR-Unbiased	99.718	99.72	0.002
57	10	LDR-Unbiased	99.717	99.72	0.003
76	30	LDR-Biased	99.722	99.711	-0.011
78	30	LDR-Biased	99.717	99.694	-0.023
79	30	LDR-Biased	99.723	99.709	-0.014
80	30	LDR-Biased	99.714	99.698	-0.016
81	30	LDR-Biased	99.708	99.692	-0.016
82	30	LDR-Unbiased	99.706	99.692	-0.014
83	30	LDR-Unbiased	99.716	99.69	-0.026
84	30	LDR-Unbiased	99.717	99.691	-0.026
85	30	LDR-Unbiased	99.723	99.7	-0.023
86	30	LDR-Unbiased	99.718	99.694	-0.024
87	100	LDR-Biased	99.697	99.704	0.007
88	100	LDR-Biased	99.721	99.705	-0.016
90	100	LDR-Biased	99.718	99.703	-0.015
91	100	LDR-Unbiased	99.708	99.719	0.011
93	100	LDR-Unbiased	99.71	99.708	-0.002
94	100	LDR-Unbiased	99.723	99.693	-0.03
95	100	LDR-Unbiased	99.706	99.694	-0.012
96	100	LDR-Unbiased	99.716	99.707	-0.009
106	50	LDR-Biased	99.722	99.714	-0.008
108	50	LDR-Biased	99.717	99.693	-0.024
109	50	LDR-Biased	99.723	99.705	-0.018
110	50	LDR-Biased	99.714	99.694	-0.02
111	50	LDR-Biased	99.708	99.687	-0.021
112	50	LDR-Unbiased	99.706	99.69	-0.016
113	50	LDR-Unbiased	99.716	99.681	-0.035
115	50	LDR-Unbiased	99.723	99.693	-0.03
116	50	LDR-Unbiased	99.718	99.685	-0.033
117	50	LDR-Unbiased	99.717	99.686	-0.031

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.674	99.68	99.687	0.0091924	99.674	99.68	99.687	0.0091924	0	0	0	0
3	99.706	99.716	99.723	0.0058348	99.662	99.677	99.695	0.0095598	-0.054	-0.0389	-0.027	0.0077381
10	99.706	99.716	99.723	0.0058348	99.711	99.723	99.738	0.0081677	-0.005	0.007	0.016	0.0061101
30	99.706	99.716	99.723	0.0058348	99.69	99.697	99.711	0.0074751	-0.026	-0.0193	-0.011	0.0056382
50	99.706	99.716	99.723	0.0058348	99.681	99.693	99.714	0.0099309	-0.035	-0.0236	-0.008	0.0086049
100	99.697	99.712	99.723	0.0087331	99.693	99.704	99.719	0.0082191	-0.03	-0.00825	0.011	0.013285

Device Test: 6.20 IHYS_SENSE1/SENSE1//3/0/0/0/@IHYS





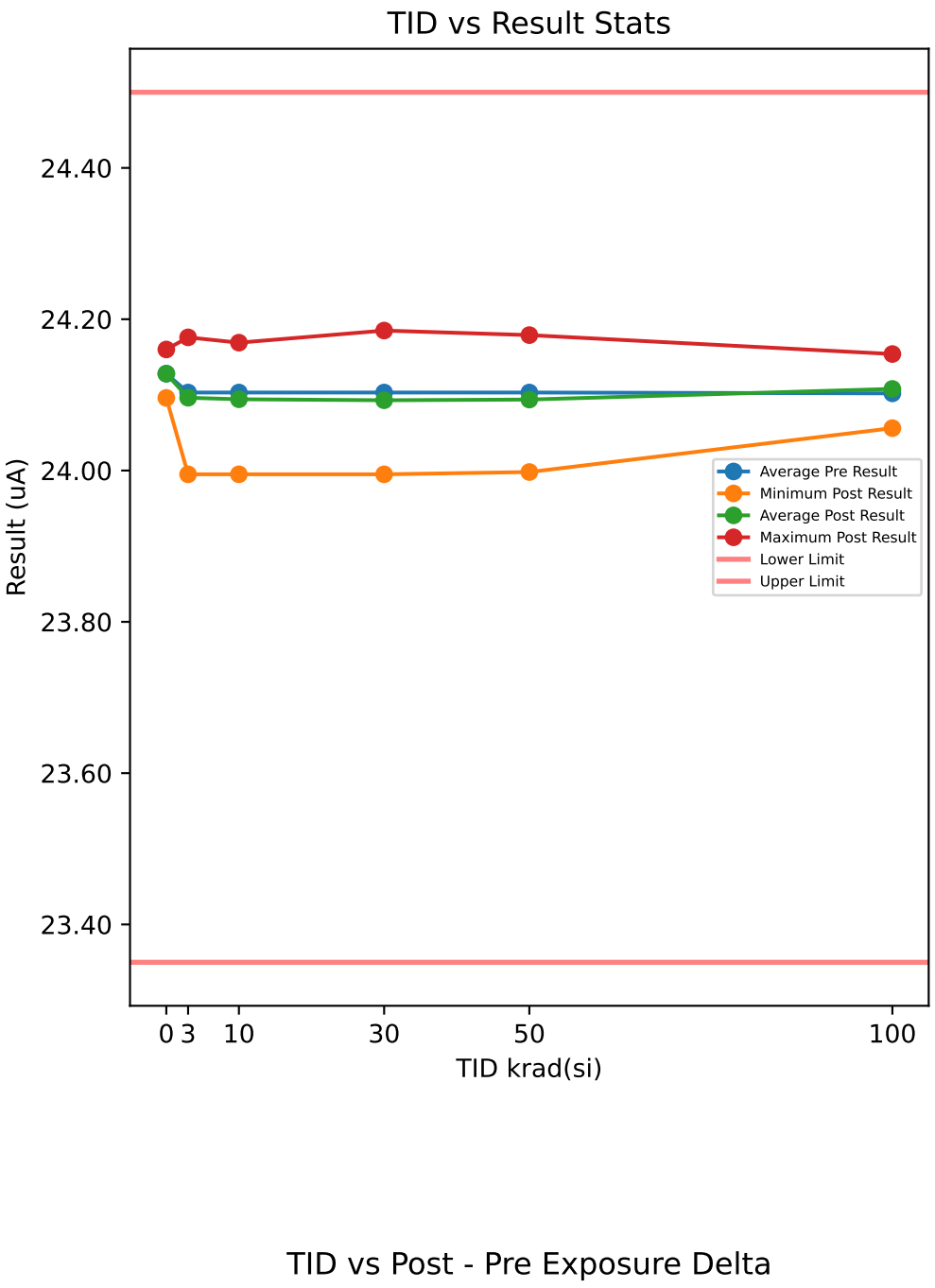
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

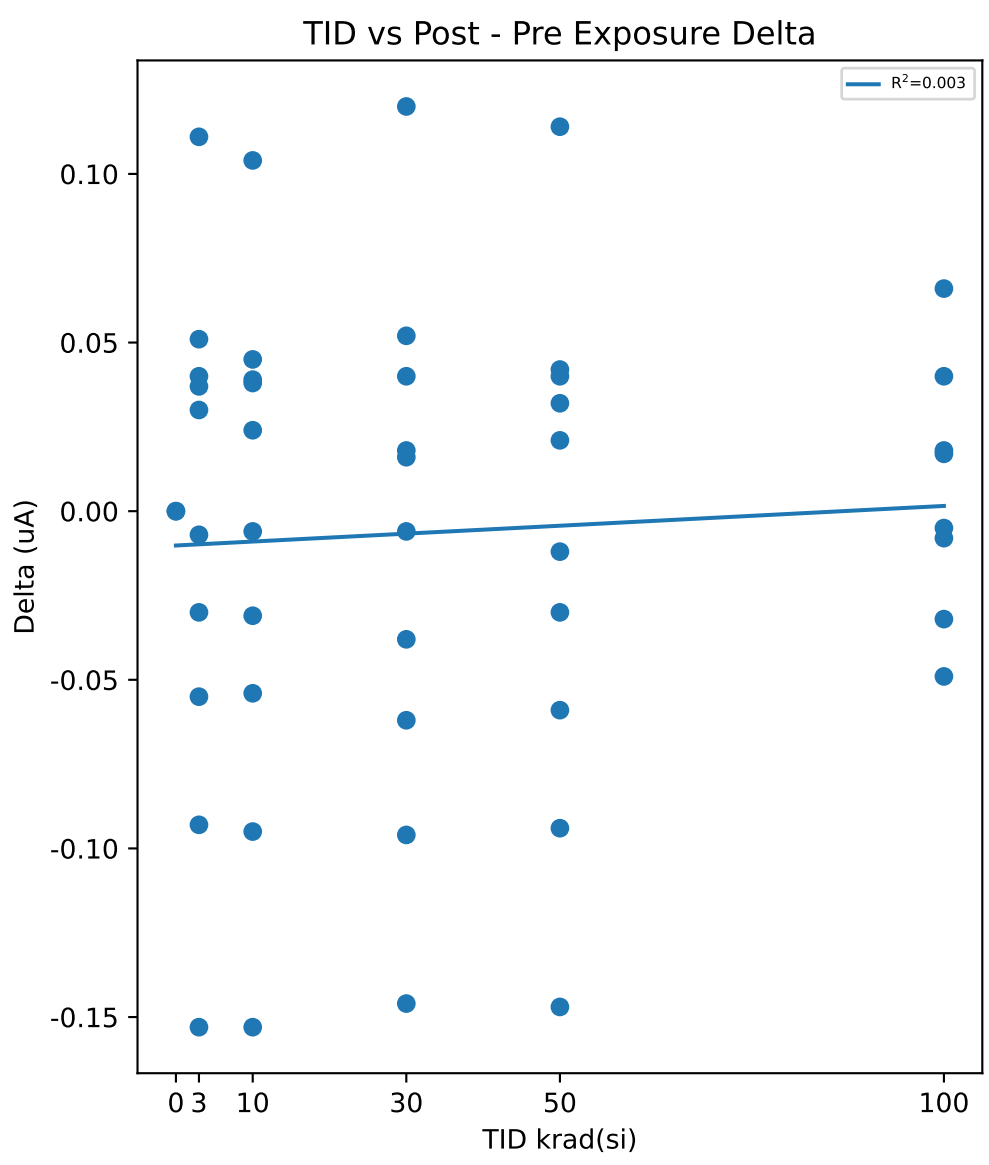
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.082	24.082	0
7	0	Correlation	24.095	24.095	0
16	3	LDR-Biased	24.098	24.074	-0.024
18	3	LDR-Biased	24.083	24.023	-0.06
19	3	LDR-Biased	24.097	24.161	0.064
20	3	LDR-Biased	24.13	24.04	-0.09
21	3	LDR-Biased	24.066	24.016	-0.05
22	3	LDR-Unbiased	24.024	24.055	0.031
23	3	LDR-Unbiased	24.044	24.15	0.106
25	3	LDR-Unbiased	24.116	24.073	-0.043
26	3	LDR-Unbiased	24.107	24.083	-0.024
27	3	LDR-Unbiased	24.152	24.095	-0.057
46	10	LDR-Biased	24.098	24.074	-0.024
48	10	LDR-Biased	24.083	24.022	-0.061
49	10	LDR-Biased	24.097	24.153	0.056
50	10	LDR-Biased	24.13	24.039	-0.091
51	10	LDR-Biased	24.066	24.007	-0.059
52	10	LDR-Unbiased	24.024	24.055	0.031
53	10	LDR-Unbiased	24.044	24.145	0.101
55	10	LDR-Unbiased	24.116	24.074	-0.042
56	10	LDR-Unbiased	24.107	24.085	-0.022
57	10	LDR-Unbiased	24.152	24.092	-0.06
76	30	LDR-Biased	24.098	24.058	-0.04
78	30	LDR-Biased	24.083	24.015	-0.068
79	30	LDR-Biased	24.097	24.145	0.048
80	30	LDR-Biased	24.13	24.046	-0.084
81	30	LDR-Biased	24.066	24.014	-0.052
82	30	LDR-Unbiased	24.024	24.048	0.024
83	30	LDR-Unbiased	24.044	24.16	0.116
84	30	LDR-Unbiased	24.152	24.091	-0.061
85	30	LDR-Unbiased	24.116	24.077	-0.039
86	30	LDR-Unbiased	24.107	24.084	-0.023
87	100	LDR-Biased	24.142	24.11	-0.032
88	100	LDR-Biased	24.097	24.082	-0.015
90	100	LDR-Biased	24.082	24.082	0
91	100	LDR-Unbiased	24.025	24.016	-0.009
93	100	LDR-Unbiased	24.066	24.089	0.023
94	100	LDR-Unbiased	24.098	24.107	0.009
95	100	LDR-Unbiased	24.112	24.092	-0.02
96	100	LDR-Unbiased	24.153	24.111	-0.042
106	50	LDR-Biased	24.098	24.067	-0.031
108	50	LDR-Biased	24.083	24.02	-0.063
109	50	LDR-Biased	24.097	24.152	0.055
110	50	LDR-Biased	24.13	24.046	-0.084
111	50	LDR-Biased	24.066	24.005	-0.061
112	50	LDR-Unbiased	24.024	24.059	0.035
113	50	LDR-Unbiased	24.044	24.155	0.111
115	50	LDR-Unbiased	24.116	24.078	-0.038
116	50	LDR-Unbiased	24.107	24.078	-0.029
117	50	LDR-Unbiased	24.152	24.097	-0.055

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.082	24.088	24.095	0.0091924	24.082	24.088	24.095	0.0091924	0	0	0	0
3	24.024	24.092	24.152	0.038859	24.016	24.077	24.161	0.048603	-0.09	-0.0147	0.106	0.061988
10	24.024	24.092	24.152	0.038859	24.007	24.075	24.153	0.047729	-0.091	-0.0171	0.101	0.06081
30	24.024	24.092	24.152	0.038859	24.014	24.074	24.16	0.049026	-0.084	-0.0179	0.116	0.06226
50	24.024	24.092	24.152	0.038859	24.005	24.076	24.155	0.049342	-0.084	-0.016	0.111	0.062386
100	24.025	24.097	24.153	0.040982	24.016	24.086	24.111	0.03075	-0.042	-0.01075	0.023	0.021312

Device Test: 6.21 IHYS_SENSE2/SENSE2//3/0/0/0/@IHYS





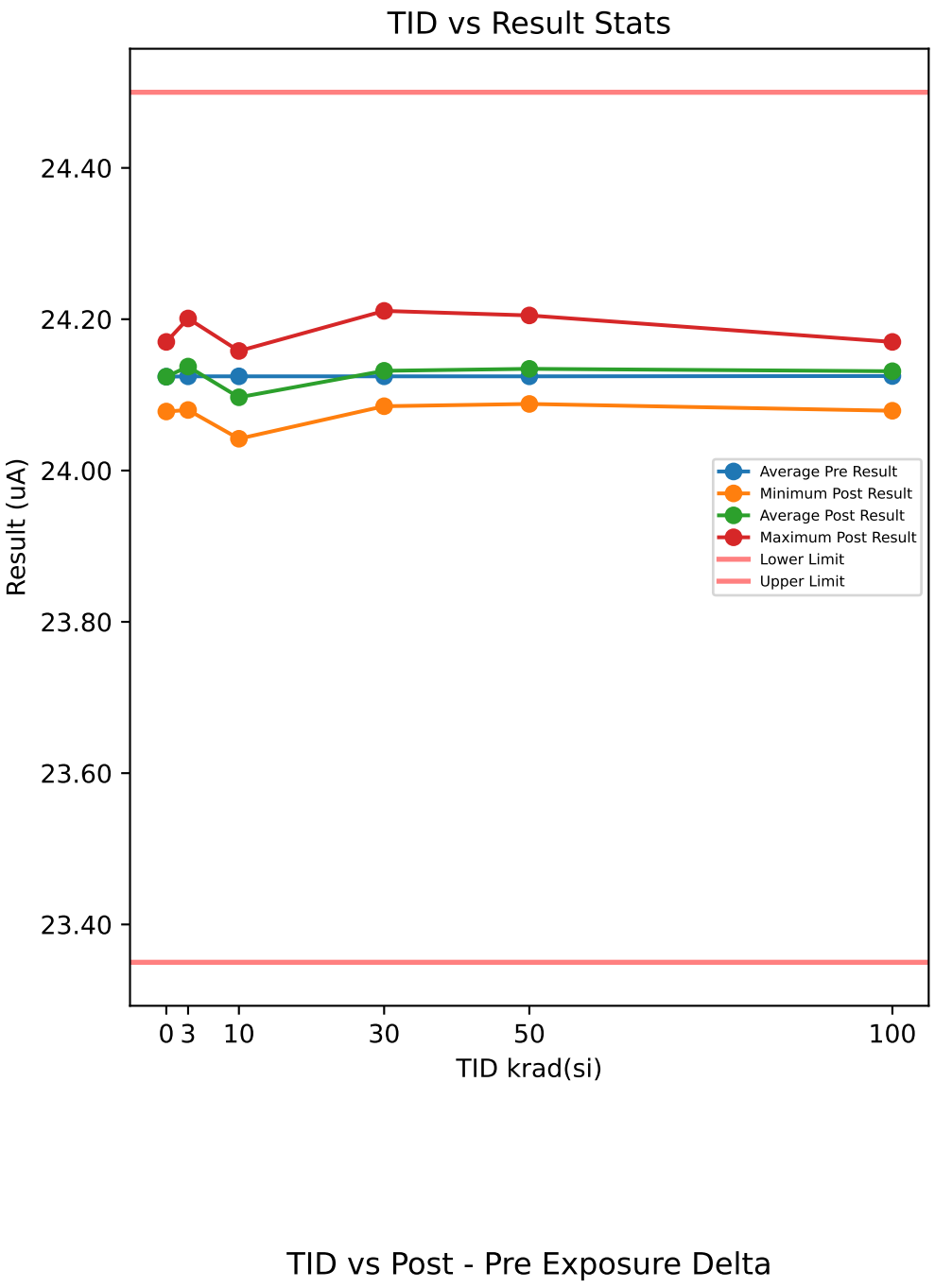
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

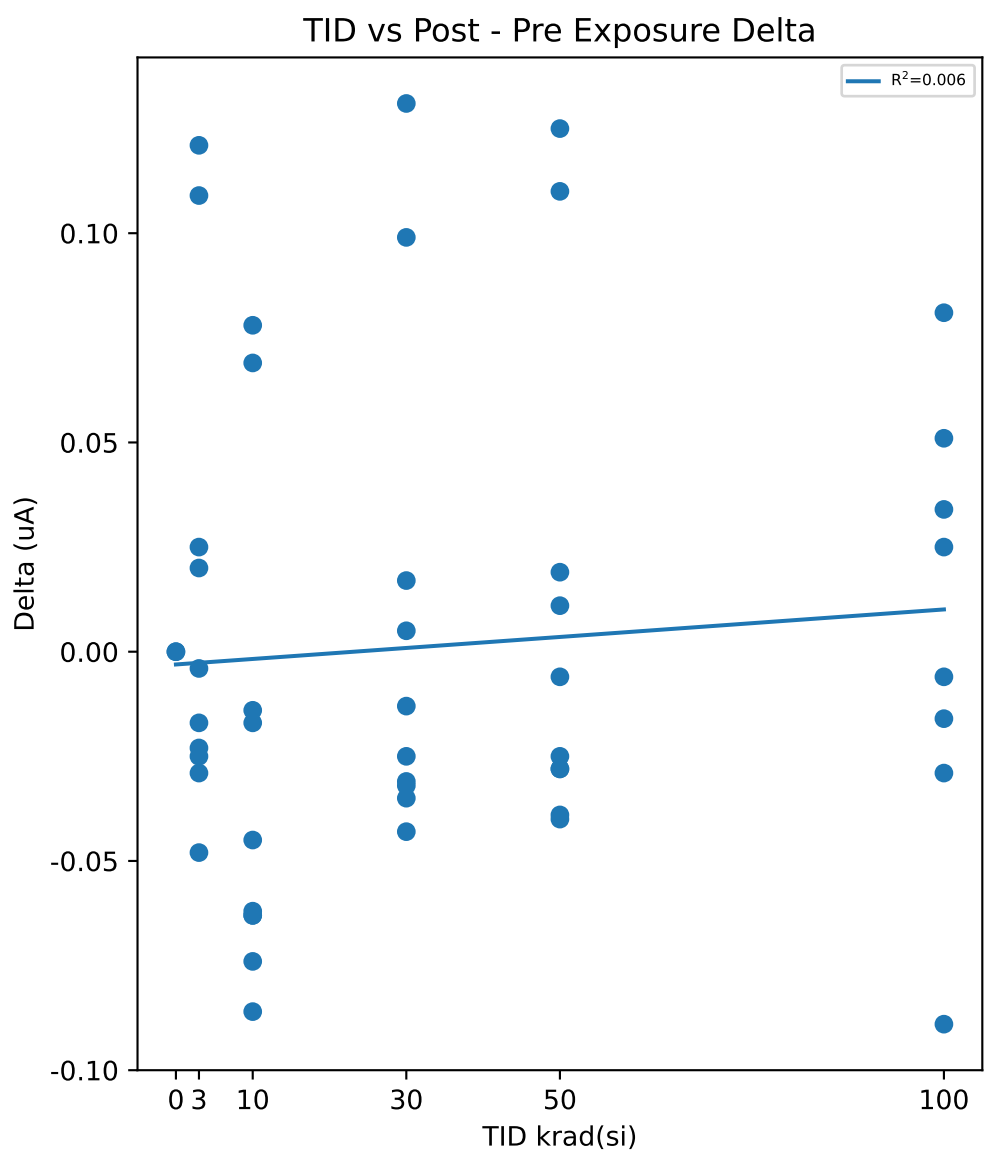
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.096	24.096	0
7	0	Correlation	24.16	24.16	0
16	3	LDR-Biased	24.105	24.142	0.037
18	3	LDR-Biased	24.057	24.002	-0.055
19	3	LDR-Biased	24.104	24.134	0.03
20	3	LDR-Biased	24.148	23.995	-0.153
21	3	LDR-Biased	24.072	24.123	0.051
22	3	LDR-Unbiased	24.091	24.061	-0.03
23	3	LDR-Unbiased	24.065	24.176	0.111
25	3	LDR-Unbiased	24.092	24.132	0.04
26	3	LDR-Unbiased	24.111	24.104	-0.007
27	3	LDR-Unbiased	24.186	24.093	-0.093
46	10	LDR-Biased	24.105	24.143	0.038
48	10	LDR-Biased	24.057	24.003	-0.054
49	10	LDR-Biased	24.104	24.128	0.024
50	10	LDR-Biased	24.148	23.995	-0.153
51	10	LDR-Biased	24.072	24.117	0.045
52	10	LDR-Unbiased	24.091	24.06	-0.031
53	10	LDR-Unbiased	24.065	24.169	0.104
55	10	LDR-Unbiased	24.092	24.131	0.039
56	10	LDR-Unbiased	24.111	24.105	-0.006
57	10	LDR-Unbiased	24.186	24.091	-0.095
76	30	LDR-Biased	24.105	24.123	0.018
78	30	LDR-Biased	24.057	23.995	-0.062
79	30	LDR-Biased	24.104	24.12	0.016
80	30	LDR-Biased	24.148	24.002	-0.146
81	30	LDR-Biased	24.072	24.124	0.052
82	30	LDR-Unbiased	24.091	24.053	-0.038
83	30	LDR-Unbiased	24.065	24.185	0.12
84	30	LDR-Unbiased	24.186	24.09	-0.096
85	30	LDR-Unbiased	24.092	24.132	0.04
86	30	LDR-Unbiased	24.111	24.105	-0.006
87	100	LDR-Biased	24.107	24.124	0.017
88	100	LDR-Biased	24.104	24.096	-0.008
90	100	LDR-Biased	24.056	24.096	0.04
91	100	LDR-Unbiased	24.091	24.109	0.018
93	100	LDR-Unbiased	24.072	24.138	0.066
94	100	LDR-Unbiased	24.105	24.056	-0.049
95	100	LDR-Unbiased	24.095	24.09	-0.005
96	100	LDR-Unbiased	24.186	24.154	-0.032
106	50	LDR-Biased	24.105	24.137	0.032
108	50	LDR-Biased	24.057	23.998	-0.059
109	50	LDR-Biased	24.104	24.125	0.021
110	50	LDR-Biased	24.148	24.001	-0.147
111	50	LDR-Biased	24.072	24.114	0.042
112	50	LDR-Unbiased	24.091	24.061	-0.03
113	50	LDR-Unbiased	24.065	24.179	0.114
115	50	LDR-Unbiased	24.092	24.132	0.04
116	50	LDR-Unbiased	24.111	24.099	-0.012
117	50	LDR-Unbiased	24.186	24.092	-0.094

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.096	24.128	24.16	0.045255	24.096	24.128	24.16	0.045255	0	0	0	0
3	24.057	24.103	24.186	0.039114	23.995	24.096	24.176	0.059926	-0.153	-0.0069	0.111	0.077708
10	24.057	24.103	24.186	0.039114	23.995	24.094	24.169	0.058164	-0.153	-0.0089	0.104	0.075966
30	24.057	24.103	24.186	0.039114	23.995	24.093	24.185	0.059827	-0.146	-0.0102	0.12	0.077531
50	24.057	24.103	24.186	0.039114	23.998	24.094	24.179	0.058558	-0.147	-0.0093	0.114	0.075961
100	24.056	24.102	24.186	0.038322	24.056	24.108	24.154	0.03068	-0.049	0.005875	0.066	0.03743

Device Test: 6.22 IHYS_SENSE3/SENSE3//3/0/0/0/@IHYS





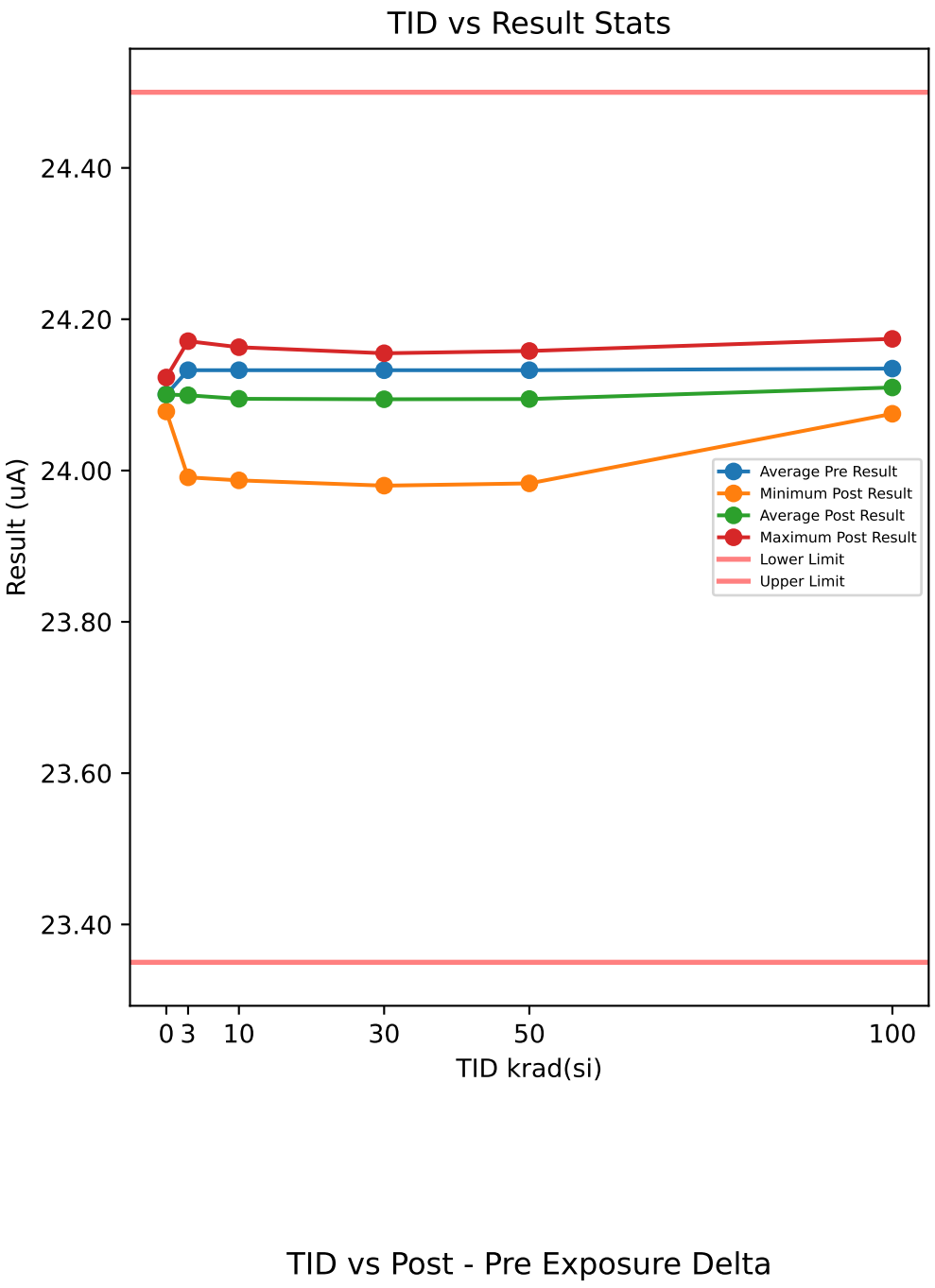
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

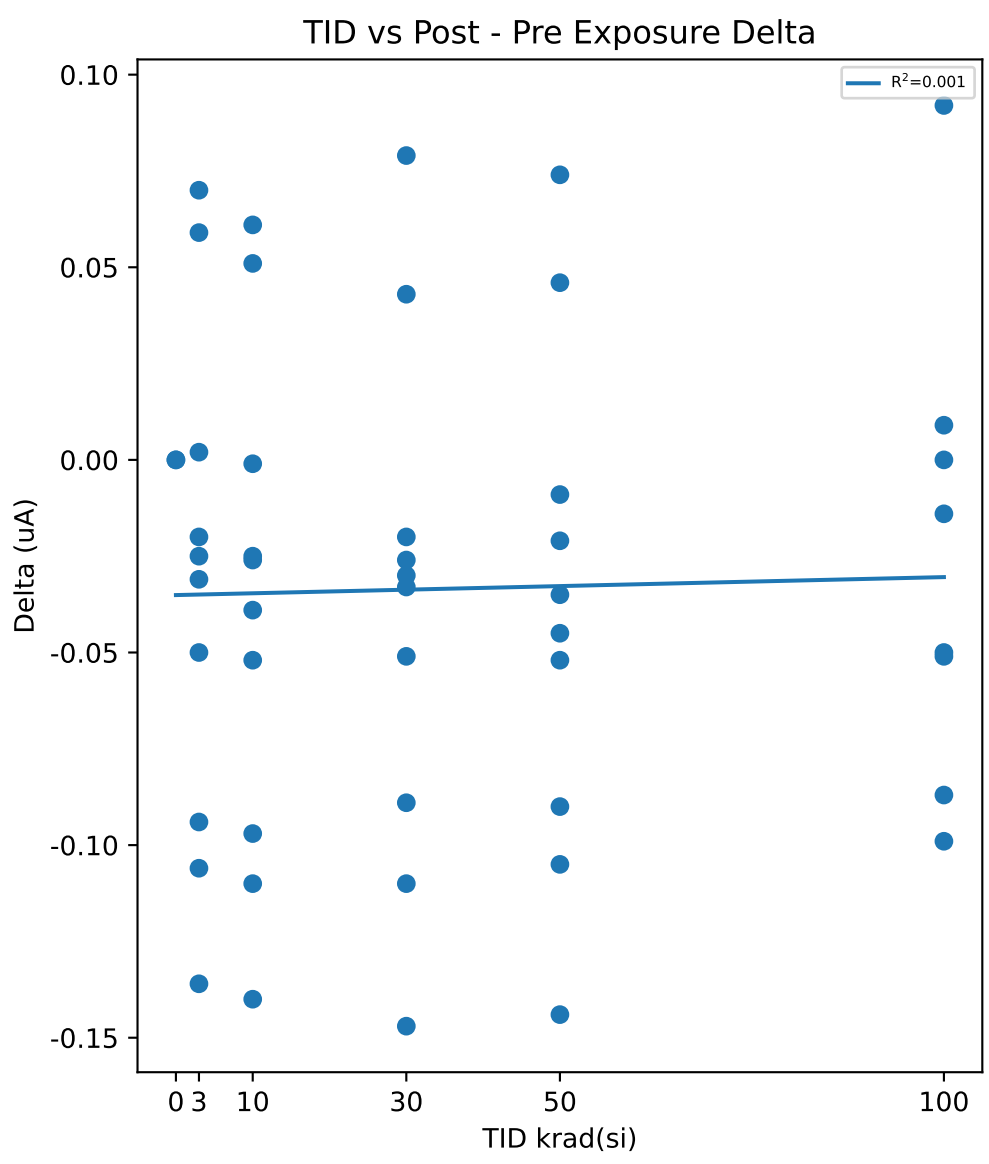
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.17	24.17	0
7	0	Correlation	24.078	24.078	0
16	3	LDR-Biased	24.12	24.145	0.025
18	3	LDR-Biased	24.137	24.112	-0.025
19	3	LDR-Biased	24.167	24.15	-0.017
20	3	LDR-Biased	24.128	24.08	-0.048
21	3	LDR-Biased	24.143	24.114	-0.029
22	3	LDR-Unbiased	24.031	24.14	0.109
23	3	LDR-Unbiased	24.08	24.201	0.121
25	3	LDR-Unbiased	24.164	24.141	-0.023
26	3	LDR-Unbiased	24.107	24.127	0.02
27	3	LDR-Unbiased	24.168	24.164	-0.004
46	10	LDR-Biased	24.12	24.106	-0.014
48	10	LDR-Biased	24.137	24.074	-0.063
49	10	LDR-Biased	24.167	24.104	-0.063
50	10	LDR-Biased	24.128	24.042	-0.086
51	10	LDR-Biased	24.143	24.069	-0.074
52	10	LDR-Unbiased	24.031	24.1	0.069
53	10	LDR-Unbiased	24.08	24.158	0.078
55	10	LDR-Unbiased	24.164	24.102	-0.062
56	10	LDR-Unbiased	24.107	24.09	-0.017
57	10	LDR-Unbiased	24.168	24.123	-0.045
76	30	LDR-Biased	24.12	24.125	0.005
78	30	LDR-Biased	24.137	24.102	-0.035
79	30	LDR-Biased	24.167	24.135	-0.032
80	30	LDR-Biased	24.128	24.085	-0.043
81	30	LDR-Biased	24.143	24.112	-0.031
82	30	LDR-Unbiased	24.031	24.13	0.099
83	30	LDR-Unbiased	24.08	24.211	0.131
84	30	LDR-Unbiased	24.168	24.155	-0.013
85	30	LDR-Unbiased	24.164	24.139	-0.025
86	30	LDR-Unbiased	24.107	24.124	0.017
87	100	LDR-Biased	24.179	24.15	-0.029
88	100	LDR-Biased	24.119	24.17	0.051
90	100	LDR-Biased	24.136	24.17	0.034
91	100	LDR-Unbiased	24.031	24.112	0.081
93	100	LDR-Unbiased	24.143	24.168	0.025
94	100	LDR-Unbiased	24.119	24.113	-0.006
95	100	LDR-Unbiased	24.104	24.088	-0.016
96	100	LDR-Unbiased	24.168	24.079	-0.089
106	50	LDR-Biased	24.12	24.139	0.019
108	50	LDR-Biased	24.137	24.109	-0.028
109	50	LDR-Biased	24.167	24.139	-0.028
110	50	LDR-Biased	24.128	24.088	-0.04
111	50	LDR-Biased	24.143	24.104	-0.039
112	50	LDR-Unbiased	24.031	24.141	0.11
113	50	LDR-Unbiased	24.08	24.205	0.125
115	50	LDR-Unbiased	24.164	24.139	-0.025
116	50	LDR-Unbiased	24.107	24.118	0.011
117	50	LDR-Unbiased	24.168	24.162	-0.006

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.078	24.124	24.17	0.065054	24.078	24.124	24.17	0.065054	0	0	0	0
3	24.031	24.125	24.168	0.043229	24.08	24.137	24.201	0.032633	-0.048	0.0129	0.121	0.058202
10	24.031	24.125	24.168	0.043229	24.042	24.097	24.158	0.031531	-0.086	-0.0277	0.078	0.058058
30	24.031	24.125	24.168	0.043229	24.085	24.132	24.211	0.034081	-0.043	0.0073	0.131	0.060181
50	24.031	24.125	24.168	0.043229	24.088	24.134	24.205	0.033073	-0.04	0.0099	0.125	0.060164
100	24.031	24.125	24.179	0.045605	24.079	24.131	24.17	0.037814	-0.089	0.006375	0.081	0.053012

Device Test: 6.23 IHYS_SENSE4/SENSE4//3/0/0/0/@IHYS





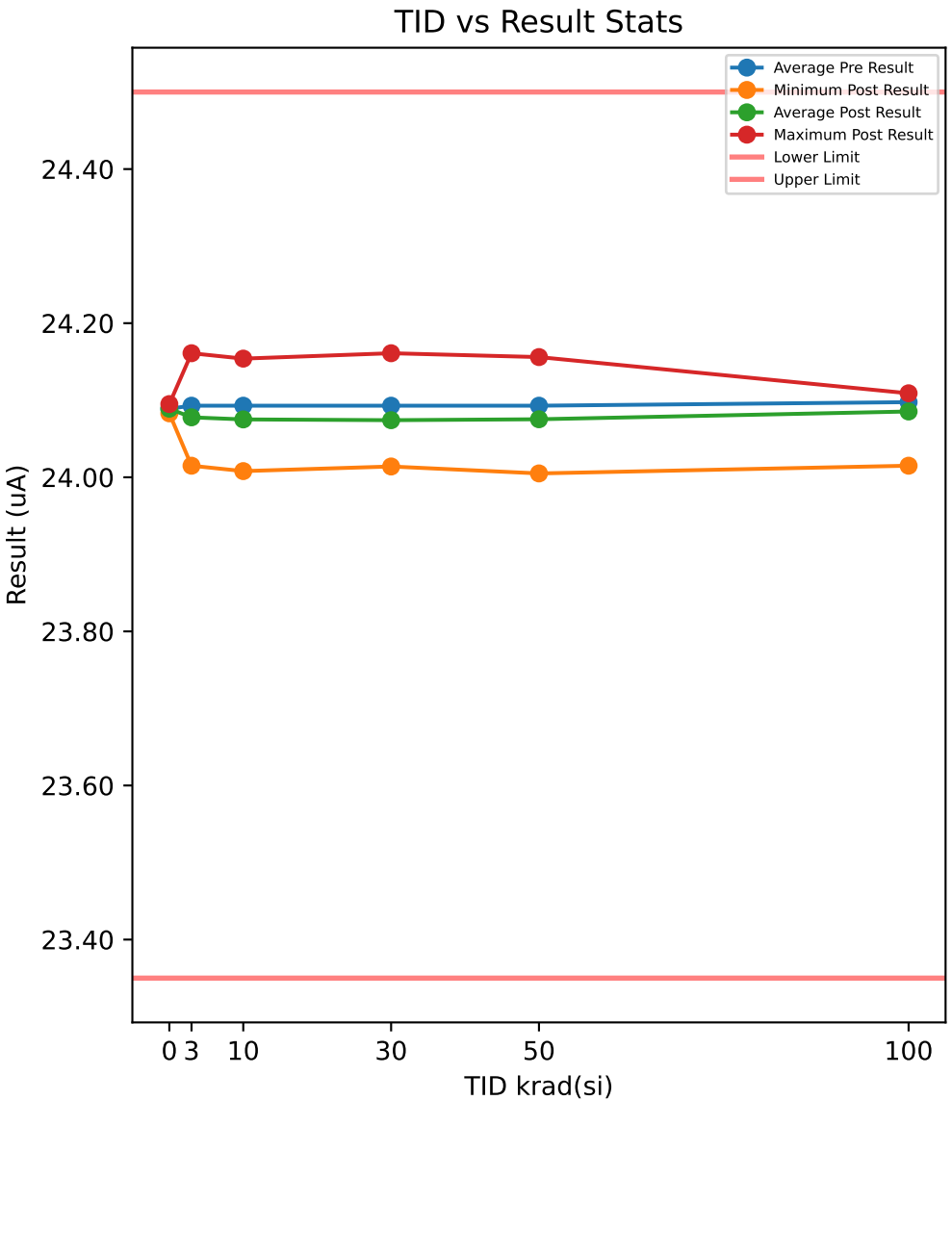
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

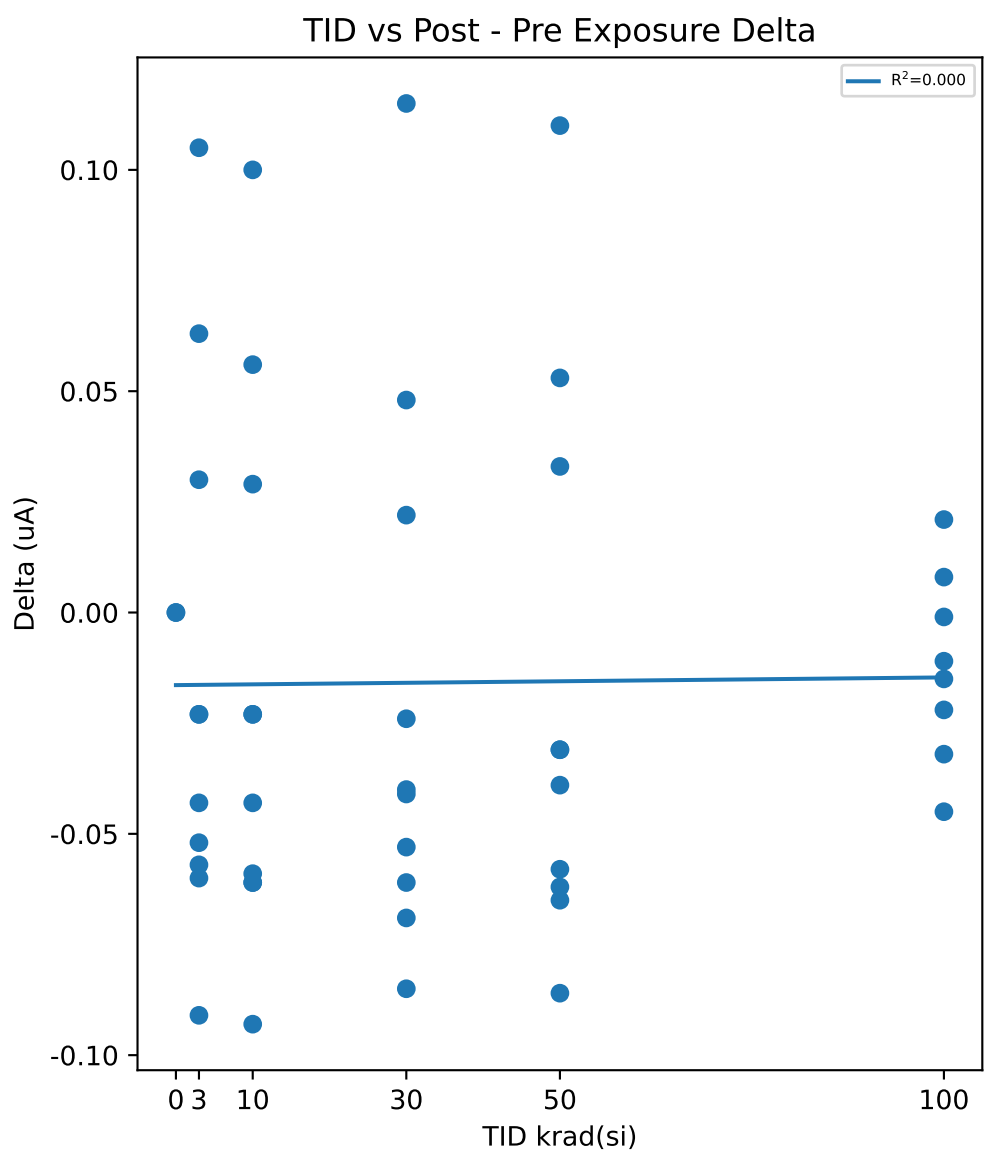
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.078	24.078	0
7	0	Correlation	24.123	24.123	0
16	3	LDR-Biased	24.127	24.129	0.002
18	3	LDR-Biased	24.127	23.991	-0.136
19	3	LDR-Biased	24.112	24.171	0.059
20	3	LDR-Biased	24.159	24.065	-0.094
21	3	LDR-Biased	24.083	24.052	-0.031
22	3	LDR-Unbiased	24.123	24.103	-0.02
23	3	LDR-Unbiased	24.068	24.138	0.07
25	3	LDR-Unbiased	24.175	24.125	-0.05
26	3	LDR-Unbiased	24.138	24.113	-0.025
27	3	LDR-Unbiased	24.214	24.108	-0.106
46	10	LDR-Biased	24.127	24.126	-0.001
48	10	LDR-Biased	24.127	23.987	-0.14
49	10	LDR-Biased	24.112	24.163	0.051
50	10	LDR-Biased	24.159	24.062	-0.097
51	10	LDR-Biased	24.083	24.044	-0.039
52	10	LDR-Unbiased	24.123	24.098	-0.025
53	10	LDR-Unbiased	24.068	24.129	0.061
55	10	LDR-Unbiased	24.175	24.123	-0.052
56	10	LDR-Unbiased	24.138	24.112	-0.026
57	10	LDR-Unbiased	24.214	24.104	-0.11
76	30	LDR-Biased	24.127	24.107	-0.02
78	30	LDR-Biased	24.127	23.98	-0.147
79	30	LDR-Biased	24.112	24.155	0.043
80	30	LDR-Biased	24.159	24.07	-0.089
81	30	LDR-Biased	24.083	24.05	-0.033
82	30	LDR-Unbiased	24.123	24.093	-0.03
83	30	LDR-Unbiased	24.068	24.147	0.079
84	30	LDR-Unbiased	24.214	24.104	-0.11
85	30	LDR-Unbiased	24.175	24.124	-0.051
86	30	LDR-Unbiased	24.138	24.112	-0.026
87	100	LDR-Biased	24.106	24.106	0
88	100	LDR-Biased	24.126	24.076	-0.05
90	100	LDR-Biased	24.127	24.076	-0.051
91	100	LDR-Unbiased	24.123	24.132	0.009
93	100	LDR-Unbiased	24.082	24.174	0.092
94	100	LDR-Unbiased	24.127	24.113	-0.014
95	100	LDR-Unbiased	24.174	24.075	-0.099
96	100	LDR-Unbiased	24.213	24.126	-0.087
106	50	LDR-Biased	24.127	24.118	-0.009
108	50	LDR-Biased	24.127	23.983	-0.144
109	50	LDR-Biased	24.112	24.158	0.046
110	50	LDR-Biased	24.159	24.069	-0.09
111	50	LDR-Biased	24.083	24.038	-0.045
112	50	LDR-Unbiased	24.123	24.102	-0.021
113	50	LDR-Unbiased	24.068	24.142	0.074
115	50	LDR-Unbiased	24.175	24.123	-0.052
116	50	LDR-Unbiased	24.138	24.103	-0.035
117	50	LDR-Unbiased	24.214	24.109	-0.105

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.078	24.101	24.123	0.03182	24.078	24.101	24.123	0.03182	0	0	0	0
3	24.068	24.133	24.214	0.042639	23.991	24.099	24.171	0.051208	-0.136	-0.0331	0.07	0.067068
10	24.068	24.133	24.214	0.042639	23.987	24.095	24.163	0.050835	-0.14	-0.0378	0.061	0.065549
30	24.068	24.133	24.214	0.042639	23.98	24.094	24.155	0.051133	-0.147	-0.0384	0.079	0.067198
50	24.068	24.133	24.214	0.042639	23.983	24.095	24.158	0.051926	-0.144	-0.0381	0.074	0.066176
100	24.082	24.135	24.213	0.040721	24.075	24.11	24.174	0.034636	-0.099	-0.025	0.092	0.061193

Device Test: 6.24 IHYS_SENSE1/SENSE1//14/0/0/0/@IHYS





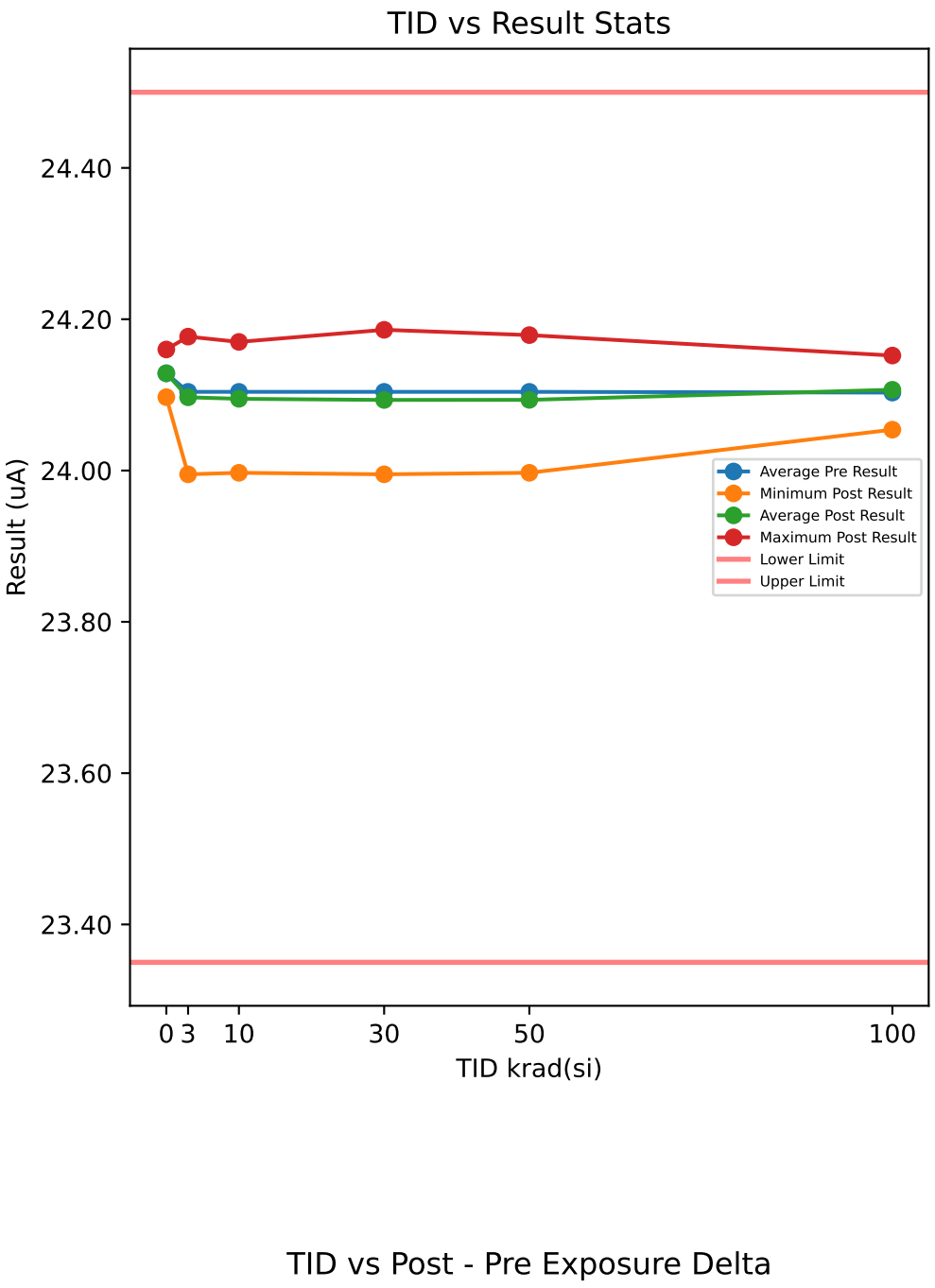
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

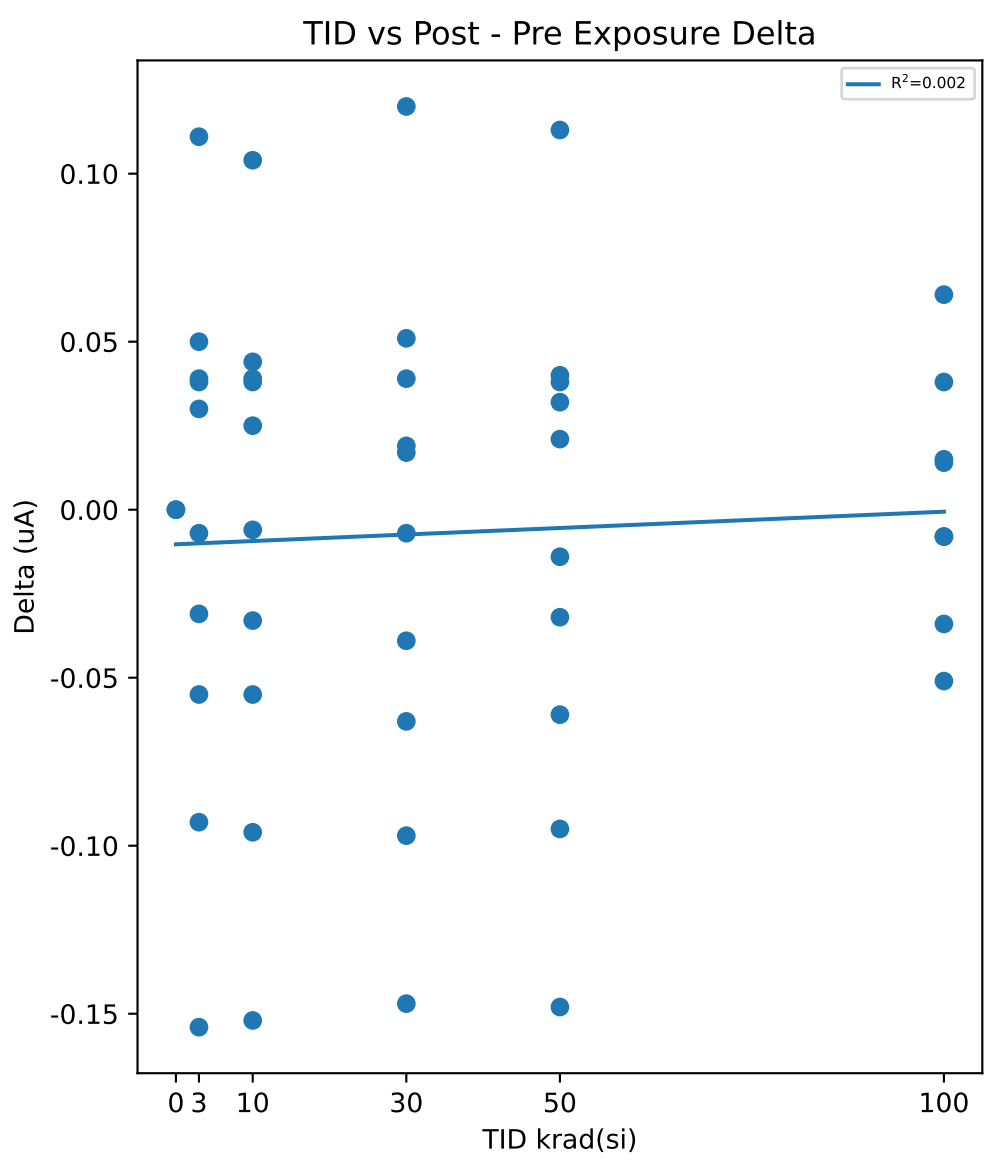
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.083	24.083	0
7	0	Correlation	24.095	24.095	0
16	3	LDR-Biased	24.098	24.075	-0.023
18	3	LDR-Biased	24.084	24.024	-0.06
19	3	LDR-Biased	24.098	24.161	0.063
20	3	LDR-Biased	24.132	24.041	-0.091
21	3	LDR-Biased	24.067	24.015	-0.052
22	3	LDR-Unbiased	24.026	24.056	0.03
23	3	LDR-Unbiased	24.046	24.151	0.105
25	3	LDR-Unbiased	24.117	24.074	-0.043
26	3	LDR-Unbiased	24.108	24.085	-0.023
27	3	LDR-Unbiased	24.153	24.096	-0.057
46	10	LDR-Biased	24.098	24.075	-0.023
48	10	LDR-Biased	24.084	24.023	-0.061
49	10	LDR-Biased	24.098	24.154	0.056
50	10	LDR-Biased	24.132	24.039	-0.093
51	10	LDR-Biased	24.067	24.008	-0.059
52	10	LDR-Unbiased	24.026	24.055	0.029
53	10	LDR-Unbiased	24.046	24.146	0.1
55	10	LDR-Unbiased	24.117	24.074	-0.043
56	10	LDR-Unbiased	24.108	24.085	-0.023
57	10	LDR-Unbiased	24.153	24.092	-0.061
76	30	LDR-Biased	24.098	24.058	-0.04
78	30	LDR-Biased	24.084	24.015	-0.069
79	30	LDR-Biased	24.098	24.146	0.048
80	30	LDR-Biased	24.132	24.047	-0.085
81	30	LDR-Biased	24.067	24.014	-0.053
82	30	LDR-Unbiased	24.026	24.048	0.022
83	30	LDR-Unbiased	24.046	24.161	0.115
84	30	LDR-Unbiased	24.153	24.092	-0.061
85	30	LDR-Unbiased	24.117	24.076	-0.041
86	30	LDR-Unbiased	24.108	24.084	-0.024
87	100	LDR-Biased	24.141	24.109	-0.032
88	100	LDR-Biased	24.098	24.083	-0.015
90	100	LDR-Biased	24.083	24.082	-0.001
91	100	LDR-Unbiased	24.026	24.015	-0.011
93	100	LDR-Unbiased	24.067	24.088	0.021
94	100	LDR-Unbiased	24.098	24.106	0.008
95	100	LDR-Unbiased	24.113	24.091	-0.022
96	100	LDR-Unbiased	24.154	24.109	-0.045
106	50	LDR-Biased	24.098	24.067	-0.031
108	50	LDR-Biased	24.084	24.019	-0.065
109	50	LDR-Biased	24.098	24.151	0.053
110	50	LDR-Biased	24.132	24.046	-0.086
111	50	LDR-Biased	24.067	24.005	-0.062
112	50	LDR-Unbiased	24.026	24.059	0.033
113	50	LDR-Unbiased	24.046	24.156	0.11
115	50	LDR-Unbiased	24.117	24.078	-0.039
116	50	LDR-Unbiased	24.108	24.077	-0.031
117	50	LDR-Unbiased	24.153	24.095	-0.058

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.083	24.089	24.095	0.0084853	24.083	24.089	24.095	0.0084853	0	0	0	0
3	24.026	24.093	24.153	0.038625	24.015	24.078	24.161	0.04871	-0.091	-0.0151	0.105	0.061784
10	24.026	24.093	24.153	0.038625	24.008	24.075	24.154	0.047797	-0.093	-0.0178	0.1	0.060816
30	24.026	24.093	24.153	0.038625	24.014	24.074	24.161	0.049355	-0.085	-0.0188	0.115	0.062229
50	24.026	24.093	24.153	0.038625	24.005	24.075	24.156	0.049381	-0.086	-0.0176	0.11	0.062514
100	24.026	24.098	24.154	0.040669	24.015	24.085	24.109	0.030589	-0.045	-0.012125	0.021	0.021411

Device Test: 6.25 IHYS_SENSE2/SENSE2//14/0/0/0/@IHYS





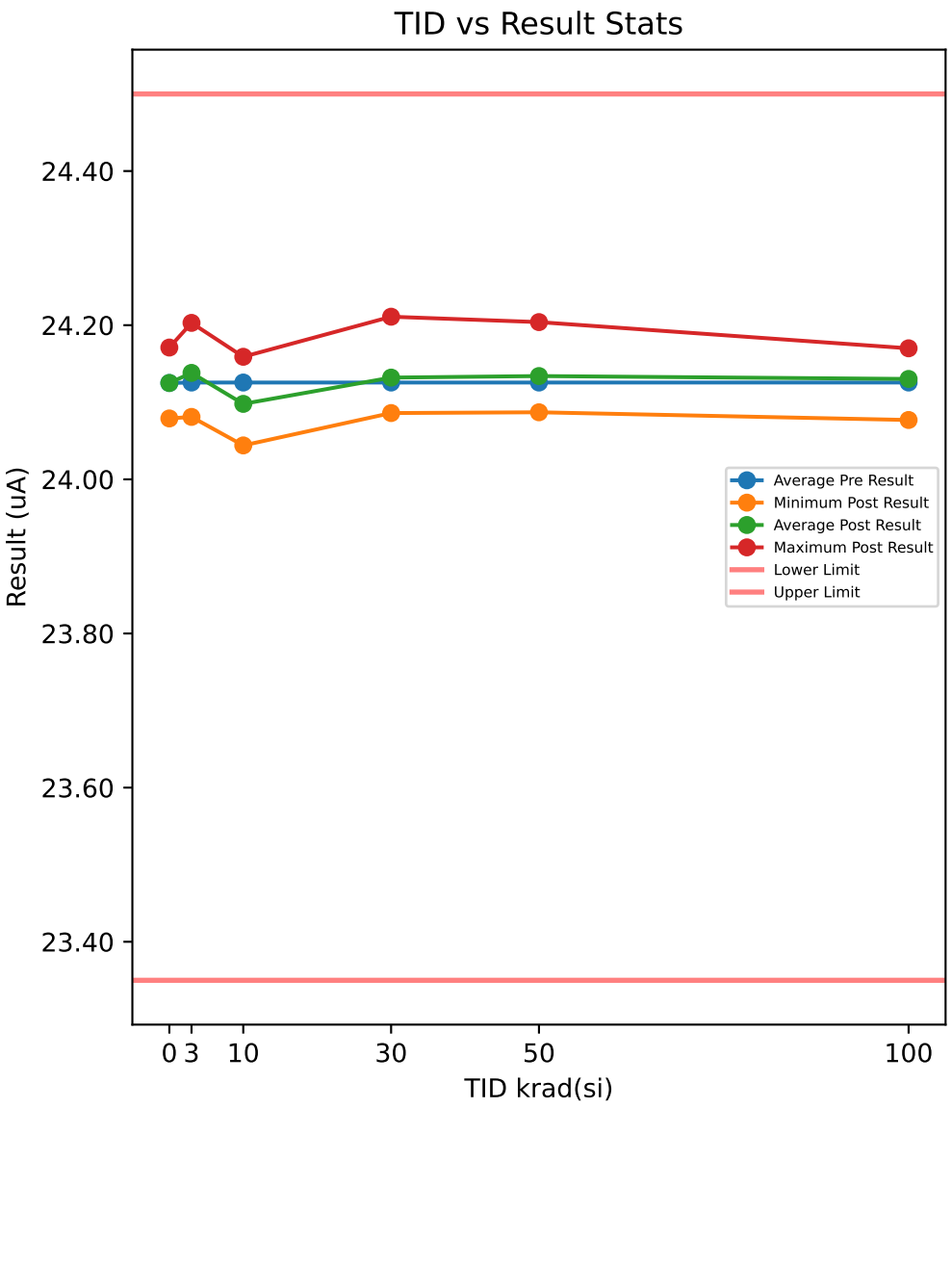
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

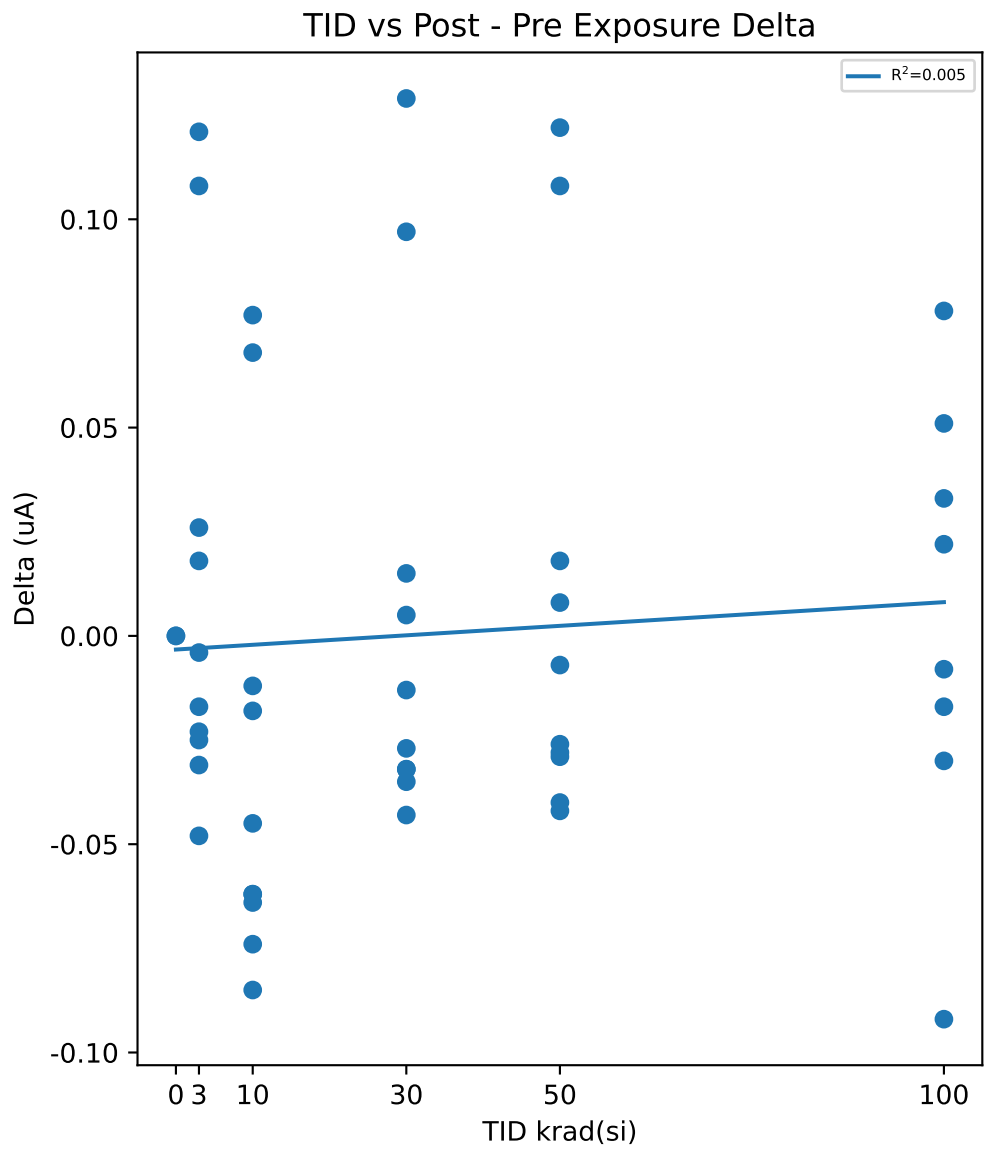
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.097	24.097	0
7	0	Correlation	24.16	24.16	0
16	3	LDR-Biased	24.105	24.143	0.038
18	3	LDR-Biased	24.058	24.003	-0.055
19	3	LDR-Biased	24.104	24.134	0.03
20	3	LDR-Biased	24.149	23.995	-0.154
21	3	LDR-Biased	24.073	24.123	0.05
22	3	LDR-Unbiased	24.093	24.062	-0.031
23	3	LDR-Unbiased	24.066	24.177	0.111
25	3	LDR-Unbiased	24.093	24.132	0.039
26	3	LDR-Unbiased	24.112	24.105	-0.007
27	3	LDR-Unbiased	24.187	24.094	-0.093
46	10	LDR-Biased	24.105	24.143	0.038
48	10	LDR-Biased	24.058	24.003	-0.055
49	10	LDR-Biased	24.104	24.129	0.025
50	10	LDR-Biased	24.149	23.997	-0.152
51	10	LDR-Biased	24.073	24.117	0.044
52	10	LDR-Unbiased	24.093	24.06	-0.033
53	10	LDR-Unbiased	24.066	24.17	0.104
55	10	LDR-Unbiased	24.093	24.132	0.039
56	10	LDR-Unbiased	24.112	24.106	-0.006
57	10	LDR-Unbiased	24.187	24.091	-0.096
76	30	LDR-Biased	24.105	24.124	0.019
78	30	LDR-Biased	24.058	23.995	-0.063
79	30	LDR-Biased	24.104	24.121	0.017
80	30	LDR-Biased	24.149	24.002	-0.147
81	30	LDR-Biased	24.073	24.124	0.051
82	30	LDR-Unbiased	24.093	24.054	-0.039
83	30	LDR-Unbiased	24.066	24.186	0.12
84	30	LDR-Unbiased	24.187	24.09	-0.097
85	30	LDR-Unbiased	24.093	24.132	0.039
86	30	LDR-Unbiased	24.112	24.105	-0.007
87	100	LDR-Biased	24.108	24.123	0.015
88	100	LDR-Biased	24.105	24.097	-0.008
90	100	LDR-Biased	24.058	24.096	0.038
91	100	LDR-Unbiased	24.093	24.107	0.014
93	100	LDR-Unbiased	24.073	24.137	0.064
94	100	LDR-Unbiased	24.105	24.054	-0.051
95	100	LDR-Unbiased	24.096	24.088	-0.008
96	100	LDR-Unbiased	24.186	24.152	-0.034
106	50	LDR-Biased	24.105	24.137	0.032
108	50	LDR-Biased	24.058	23.997	-0.061
109	50	LDR-Biased	24.104	24.125	0.021
110	50	LDR-Biased	24.149	24.001	-0.148
111	50	LDR-Biased	24.073	24.113	0.04
112	50	LDR-Unbiased	24.093	24.061	-0.032
113	50	LDR-Unbiased	24.066	24.179	0.113
115	50	LDR-Unbiased	24.093	24.131	0.038
116	50	LDR-Unbiased	24.112	24.098	-0.014
117	50	LDR-Unbiased	24.187	24.092	-0.095

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.097	24.129	24.16	0.044548	24.097	24.129	24.16	0.044548	0	0	0	0
3	24.058	24.104	24.187	0.039075	23.995	24.097	24.177	0.059929	-0.154	-0.0072	0.111	0.077866
10	24.058	24.104	24.187	0.039075	23.997	24.095	24.17	0.058088	-0.152	-0.0092	0.104	0.075987
30	24.058	24.104	24.187	0.039075	23.995	24.093	24.186	0.060032	-0.147	-0.0107	0.12	0.077877
50	24.058	24.104	24.187	0.039075	23.997	24.093	24.179	0.058622	-0.148	-0.0106	0.113	0.07603
100	24.058	24.103	24.186	0.037789	24.054	24.107	24.152	0.03064	-0.051	0.00375	0.064	0.037289

Device Test: 6.26 IHYS_SENSE3/SENSE3//14/0/0/0/@IHYS





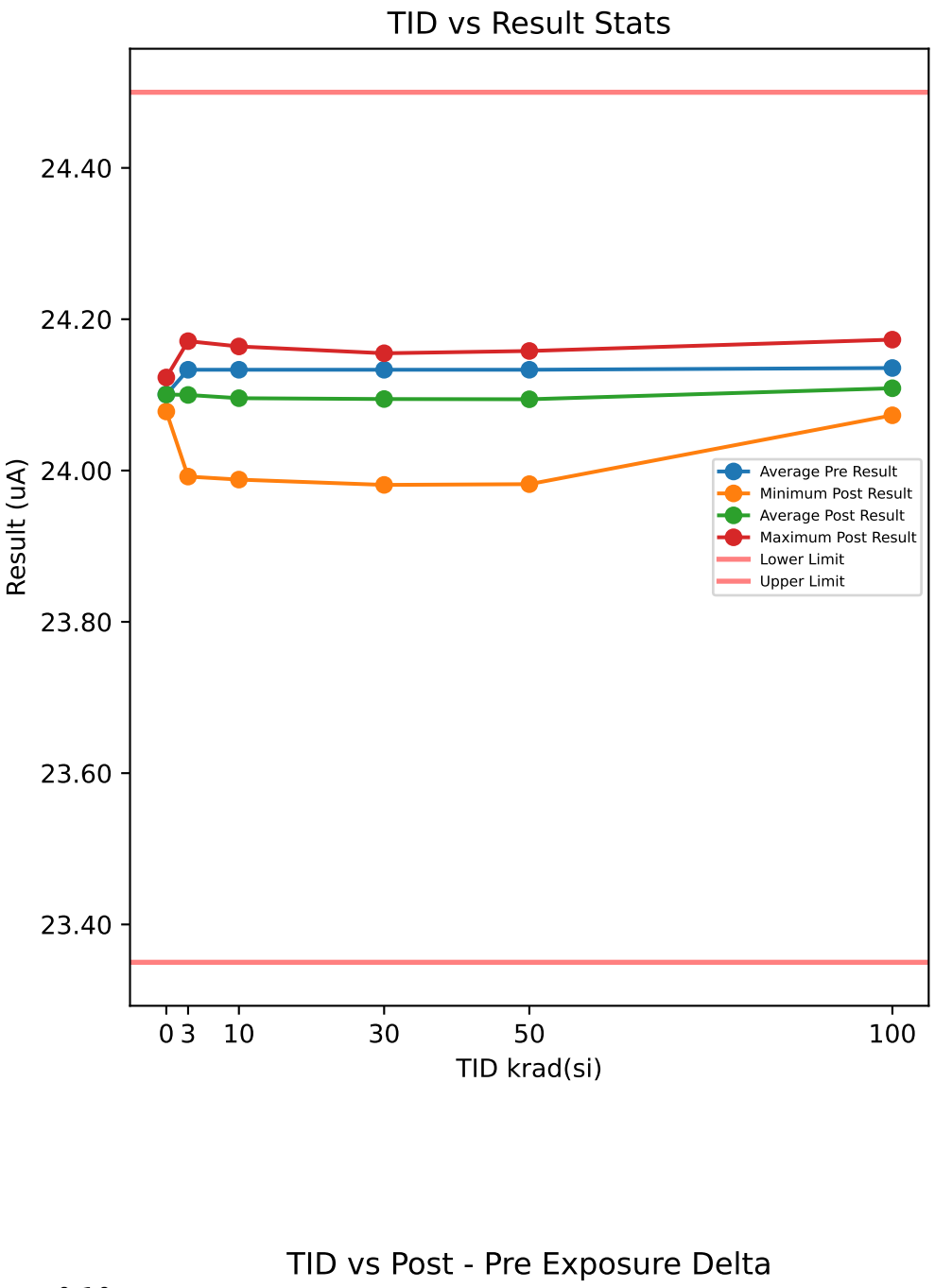
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

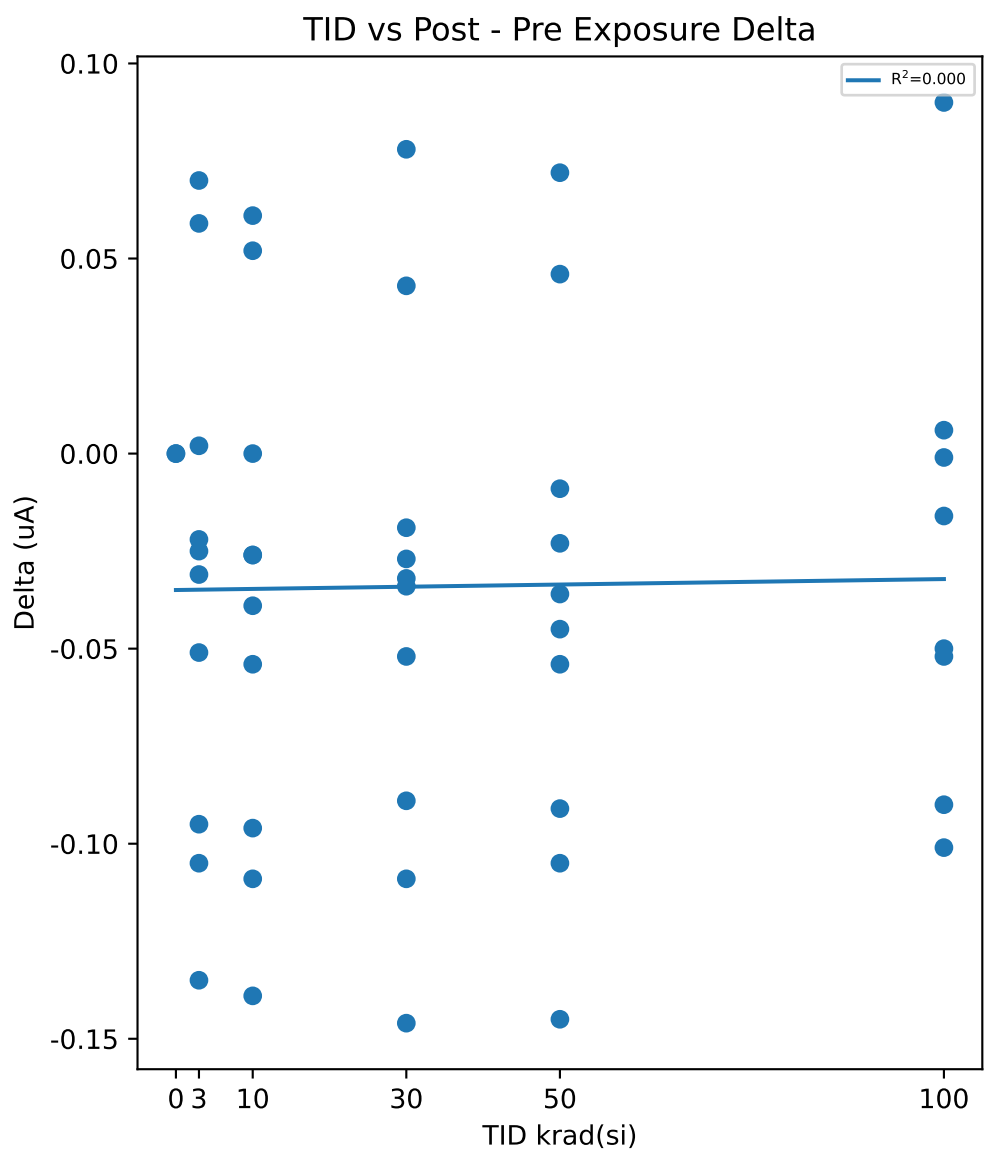
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.171	24.171	0
7	0	Correlation	24.079	24.079	0
16	3	LDR-Biased	24.12	24.146	0.026
18	3	LDR-Biased	24.138	24.113	-0.025
19	3	LDR-Biased	24.167	24.15	-0.017
20	3	LDR-Biased	24.129	24.081	-0.048
21	3	LDR-Biased	24.144	24.113	-0.031
22	3	LDR-Unbiased	24.033	24.141	0.108
23	3	LDR-Unbiased	24.082	24.203	0.121
25	3	LDR-Unbiased	24.165	24.142	-0.023
26	3	LDR-Unbiased	24.109	24.127	0.018
27	3	LDR-Unbiased	24.169	24.165	-0.004
46	10	LDR-Biased	24.12	24.108	-0.012
48	10	LDR-Biased	24.138	24.074	-0.064
49	10	LDR-Biased	24.167	24.105	-0.062
50	10	LDR-Biased	24.129	24.044	-0.085
51	10	LDR-Biased	24.144	24.07	-0.074
52	10	LDR-Unbiased	24.033	24.101	0.068
53	10	LDR-Unbiased	24.082	24.159	0.077
55	10	LDR-Unbiased	24.165	24.103	-0.062
56	10	LDR-Unbiased	24.109	24.091	-0.018
57	10	LDR-Unbiased	24.169	24.124	-0.045
76	30	LDR-Biased	24.12	24.125	0.005
78	30	LDR-Biased	24.138	24.103	-0.035
79	30	LDR-Biased	24.167	24.135	-0.032
80	30	LDR-Biased	24.129	24.086	-0.043
81	30	LDR-Biased	24.144	24.112	-0.032
82	30	LDR-Unbiased	24.033	24.13	0.097
83	30	LDR-Unbiased	24.082	24.211	0.129
84	30	LDR-Unbiased	24.169	24.156	-0.013
85	30	LDR-Unbiased	24.165	24.138	-0.027
86	30	LDR-Unbiased	24.109	24.124	0.015
87	100	LDR-Biased	24.179	24.149	-0.03
88	100	LDR-Biased	24.119	24.17	0.051
90	100	LDR-Biased	24.137	24.17	0.033
91	100	LDR-Unbiased	24.033	24.111	0.078
93	100	LDR-Unbiased	24.144	24.166	0.022
94	100	LDR-Unbiased	24.12	24.112	-0.008
95	100	LDR-Unbiased	24.104	24.087	-0.017
96	100	LDR-Unbiased	24.169	24.077	-0.092
106	50	LDR-Biased	24.12	24.138	0.018
108	50	LDR-Biased	24.138	24.109	-0.029
109	50	LDR-Biased	24.167	24.139	-0.028
110	50	LDR-Biased	24.129	24.087	-0.042
111	50	LDR-Biased	24.144	24.104	-0.04
112	50	LDR-Unbiased	24.033	24.141	0.108
113	50	LDR-Unbiased	24.082	24.204	0.122
115	50	LDR-Unbiased	24.165	24.139	-0.026
116	50	LDR-Unbiased	24.109	24.117	0.008
117	50	LDR-Unbiased	24.169	24.162	-0.007

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.079	24.125	24.171	0.065054	24.079	24.125	24.171	0.065054	0	0	0	0
3	24.033	24.126	24.169	0.042735	24.081	24.138	24.203	0.03301	-0.048	0.0125	0.121	0.058182
10	24.033	24.126	24.169	0.042735	24.044	24.098	24.159	0.031455	-0.085	-0.0277	0.077	0.057598
30	24.033	24.126	24.169	0.042735	24.086	24.132	24.211	0.033889	-0.043	0.0064	0.129	0.059545
50	24.033	24.126	24.169	0.042735	24.087	24.134	24.204	0.033035	-0.042	0.0084	0.122	0.059577
100	24.033	24.126	24.179	0.045229	24.077	24.13	24.17	0.038172	-0.092	0.004625	0.078	0.05319

Device Test: 6.27 IHYS_SENSE4/SENSE4//14/0/0/0/@IHYS





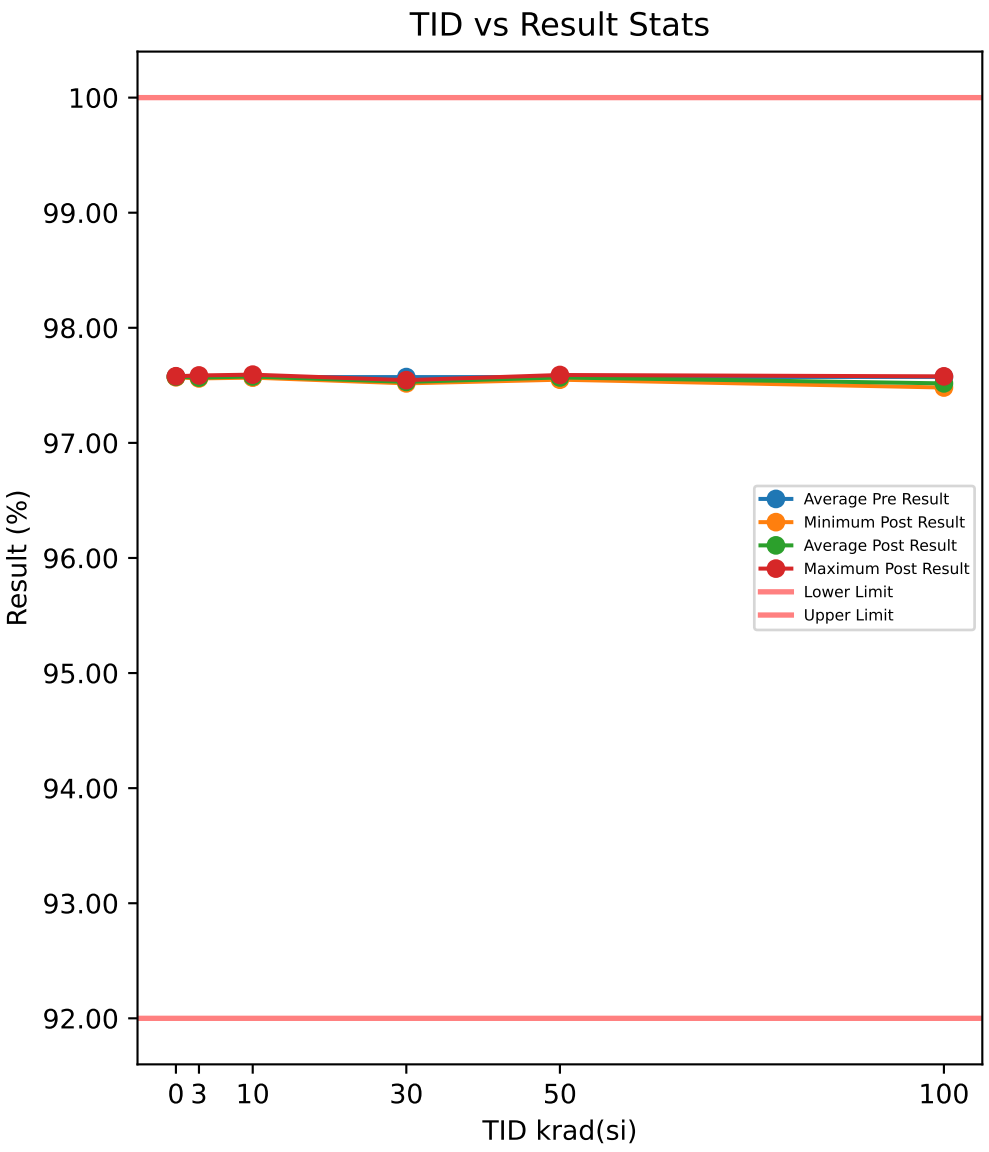
Test Results (Lower Limit = 23.35, Upper Limit = 24.5 (uA))

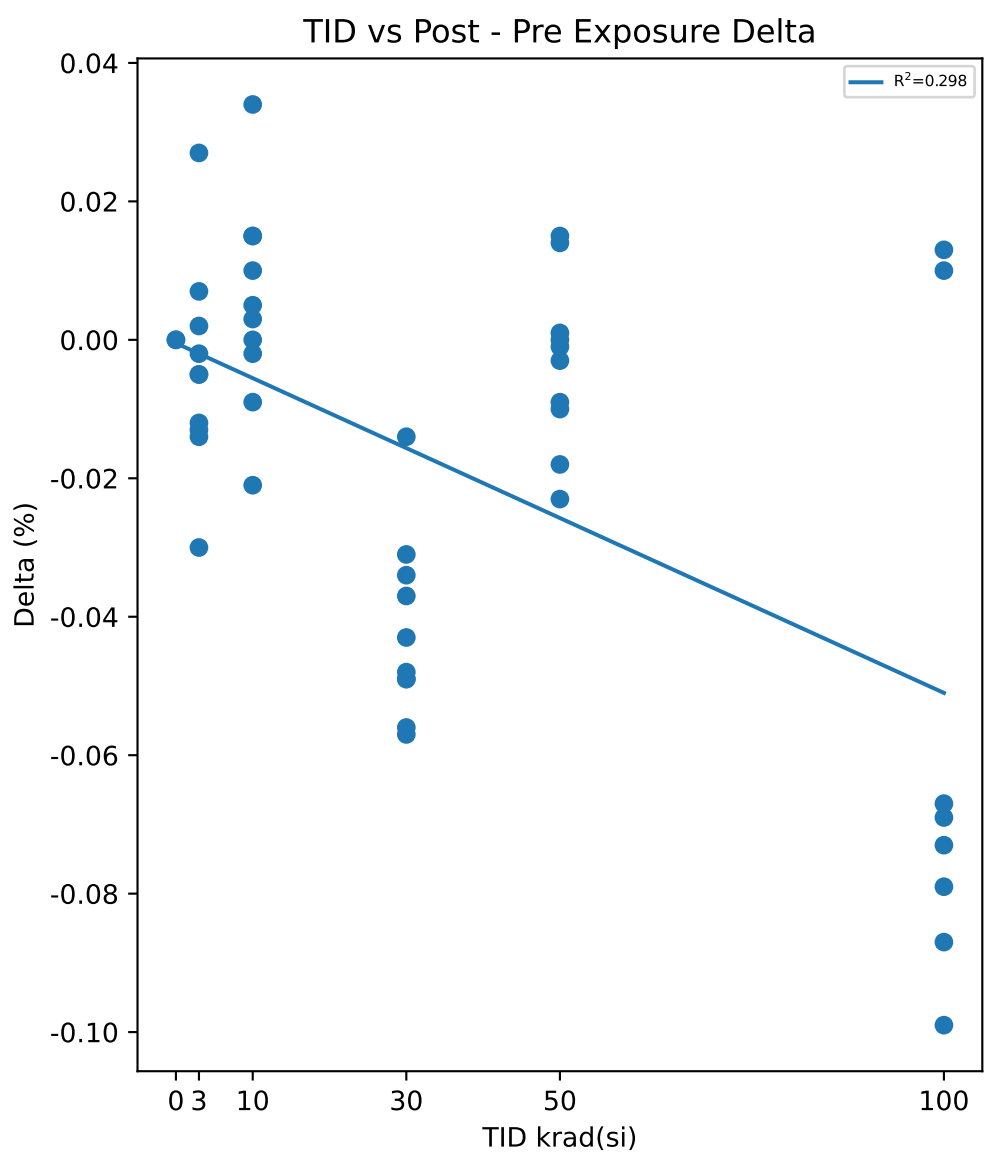
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	24.078	24.078	0
7	0	Correlation	24.123	24.123	0
16	3	LDR-Biased	24.127	24.129	0.002
18	3	LDR-Biased	24.127	23.992	-0.135
19	3	LDR-Biased	24.112	24.171	0.059
20	3	LDR-Biased	24.16	24.065	-0.095
21	3	LDR-Biased	24.083	24.052	-0.031
22	3	LDR-Unbiased	24.125	24.103	-0.022
23	3	LDR-Unbiased	24.069	24.139	0.07
25	3	LDR-Unbiased	24.176	24.125	-0.051
26	3	LDR-Unbiased	24.139	24.114	-0.025
27	3	LDR-Unbiased	24.214	24.109	-0.105
46	10	LDR-Biased	24.127	24.127	0
48	10	LDR-Biased	24.127	23.988	-0.139
49	10	LDR-Biased	24.112	24.164	0.052
50	10	LDR-Biased	24.16	24.064	-0.096
51	10	LDR-Biased	24.083	24.044	-0.039
52	10	LDR-Unbiased	24.125	24.099	-0.026
53	10	LDR-Unbiased	24.069	24.13	0.061
55	10	LDR-Unbiased	24.176	24.122	-0.054
56	10	LDR-Unbiased	24.139	24.113	-0.026
57	10	LDR-Unbiased	24.214	24.105	-0.109
76	30	LDR-Biased	24.127	24.108	-0.019
78	30	LDR-Biased	24.127	23.981	-0.146
79	30	LDR-Biased	24.112	24.155	0.043
80	30	LDR-Biased	24.16	24.071	-0.089
81	30	LDR-Biased	24.083	24.049	-0.034
82	30	LDR-Unbiased	24.125	24.093	-0.032
83	30	LDR-Unbiased	24.069	24.147	0.078
84	30	LDR-Unbiased	24.214	24.105	-0.109
85	30	LDR-Unbiased	24.176	24.124	-0.052
86	30	LDR-Unbiased	24.139	24.112	-0.027
87	100	LDR-Biased	24.106	24.105	-0.001
88	100	LDR-Biased	24.127	24.077	-0.05
90	100	LDR-Biased	24.128	24.076	-0.052
91	100	LDR-Unbiased	24.125	24.131	0.006
93	100	LDR-Unbiased	24.083	24.173	0.09
94	100	LDR-Unbiased	24.127	24.111	-0.016
95	100	LDR-Unbiased	24.174	24.073	-0.101
96	100	LDR-Unbiased	24.214	24.124	-0.09
106	50	LDR-Biased	24.127	24.118	-0.009
108	50	LDR-Biased	24.127	23.982	-0.145
109	50	LDR-Biased	24.112	24.158	0.046
110	50	LDR-Biased	24.16	24.069	-0.091
111	50	LDR-Biased	24.083	24.038	-0.045
112	50	LDR-Unbiased	24.125	24.102	-0.023
113	50	LDR-Unbiased	24.069	24.141	0.072
115	50	LDR-Unbiased	24.176	24.122	-0.054
116	50	LDR-Unbiased	24.139	24.103	-0.036
117	50	LDR-Unbiased	24.214	24.109	-0.105

Test Statistics (uA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	24.078	24.101	24.123	0.03182	24.078	24.101	24.123	0.03182	0	0	0	0
3	24.069	24.133	24.214	0.042619	23.992	24.1	24.171	0.051107	-0.135	-0.0333	0.07	0.066868
10	24.069	24.133	24.214	0.042619	23.988	24.096	24.164	0.050757	-0.139	-0.0376	0.061	0.0654
30	24.069	24.133	24.214	0.042619	23.981	24.095	24.155	0.050982	-0.146	-0.0387	0.078	0.066707
50	24.069	24.133	24.214	0.042619	23.982	24.094	24.158	0.052004	-0.145	-0.039	0.072	0.066054
100	24.083	24.136	24.214	0.040676	24.073	24.109	24.173	0.034296	-0.101	-0.02675	0.09	0.061148

Device Test: 6.28 VOH_2mA_EN1/EN1/1.6/3/0/0/2/@VOH_EN_2MA





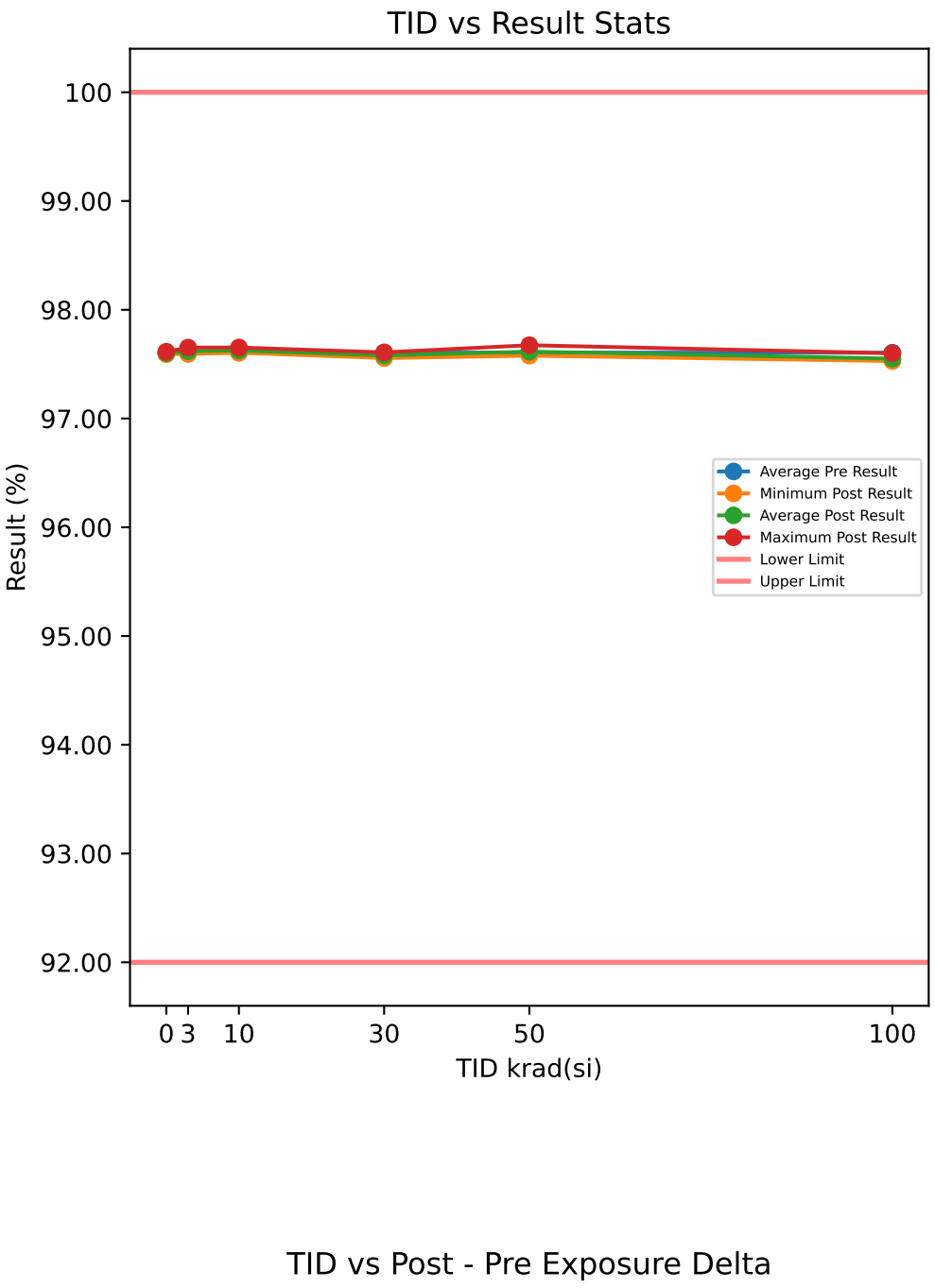
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.57	97.57	0
7	0	Correlation	97.579	97.579	0
16	3	LDR-Biased	97.576	97.562	-0.014
18	3	LDR-Biased	97.566	97.564	-0.002
19	3	LDR-Biased	97.577	97.565	-0.012
20	3	LDR-Biased	97.569	97.564	-0.005
21	3	LDR-Biased	97.595	97.565	-0.03
22	3	LDR-Unbiased	97.559	97.586	0.027
23	3	LDR-Unbiased	97.581	97.568	-0.013
25	3	LDR-Unbiased	97.568	97.575	0.007
26	3	LDR-Unbiased	97.558	97.56	0.002
27	3	LDR-Unbiased	97.569	97.564	-0.005
46	10	LDR-Biased	97.576	97.567	-0.009
48	10	LDR-Biased	97.566	97.571	0.005
49	10	LDR-Biased	97.577	97.577	0
50	10	LDR-Biased	97.569	97.572	0.003
51	10	LDR-Biased	97.595	97.574	-0.021
52	10	LDR-Unbiased	97.559	97.593	0.034
53	10	LDR-Unbiased	97.581	97.579	-0.002
55	10	LDR-Unbiased	97.568	97.583	0.015
56	10	LDR-Unbiased	97.558	97.573	0.015
57	10	LDR-Unbiased	97.569	97.579	0.01
76	30	LDR-Biased	97.576	97.519	-0.057
78	30	LDR-Biased	97.566	97.517	-0.049
79	30	LDR-Biased	97.577	97.529	-0.048
80	30	LDR-Biased	97.569	97.526	-0.043
81	30	LDR-Biased	97.595	97.539	-0.056
82	30	LDR-Unbiased	97.559	97.545	-0.014
83	30	LDR-Unbiased	97.581	97.532	-0.049
84	30	LDR-Unbiased	97.569	97.532	-0.037
85	30	LDR-Unbiased	97.568	97.537	-0.031
86	30	LDR-Unbiased	97.558	97.524	-0.034
87	100	LDR-Biased	97.582	97.509	-0.073
88	100	LDR-Biased	97.565	97.578	0.013
90	100	LDR-Biased	97.562	97.572	0.01
91	100	LDR-Unbiased	97.566	97.497	-0.069
93	100	LDR-Unbiased	97.595	97.496	-0.099
94	100	LDR-Unbiased	97.575	97.496	-0.079
95	100	LDR-Unbiased	97.574	97.507	-0.067
96	100	LDR-Unbiased	97.568	97.481	-0.087
106	50	LDR-Biased	97.576	97.59	0.014
108	50	LDR-Biased	97.566	97.563	-0.003
109	50	LDR-Biased	97.577	97.576	-0.001
110	50	LDR-Biased	97.569	97.569	0
111	50	LDR-Biased	97.595	97.572	-0.023
112	50	LDR-Unbiased	97.559	97.574	0.015
113	50	LDR-Unbiased	97.581	97.563	-0.018
115	50	LDR-Unbiased	97.568	97.569	0.001
116	50	LDR-Unbiased	97.558	97.549	-0.009
117	50	LDR-Unbiased	97.569	97.559	-0.01

Test Statistics (%)

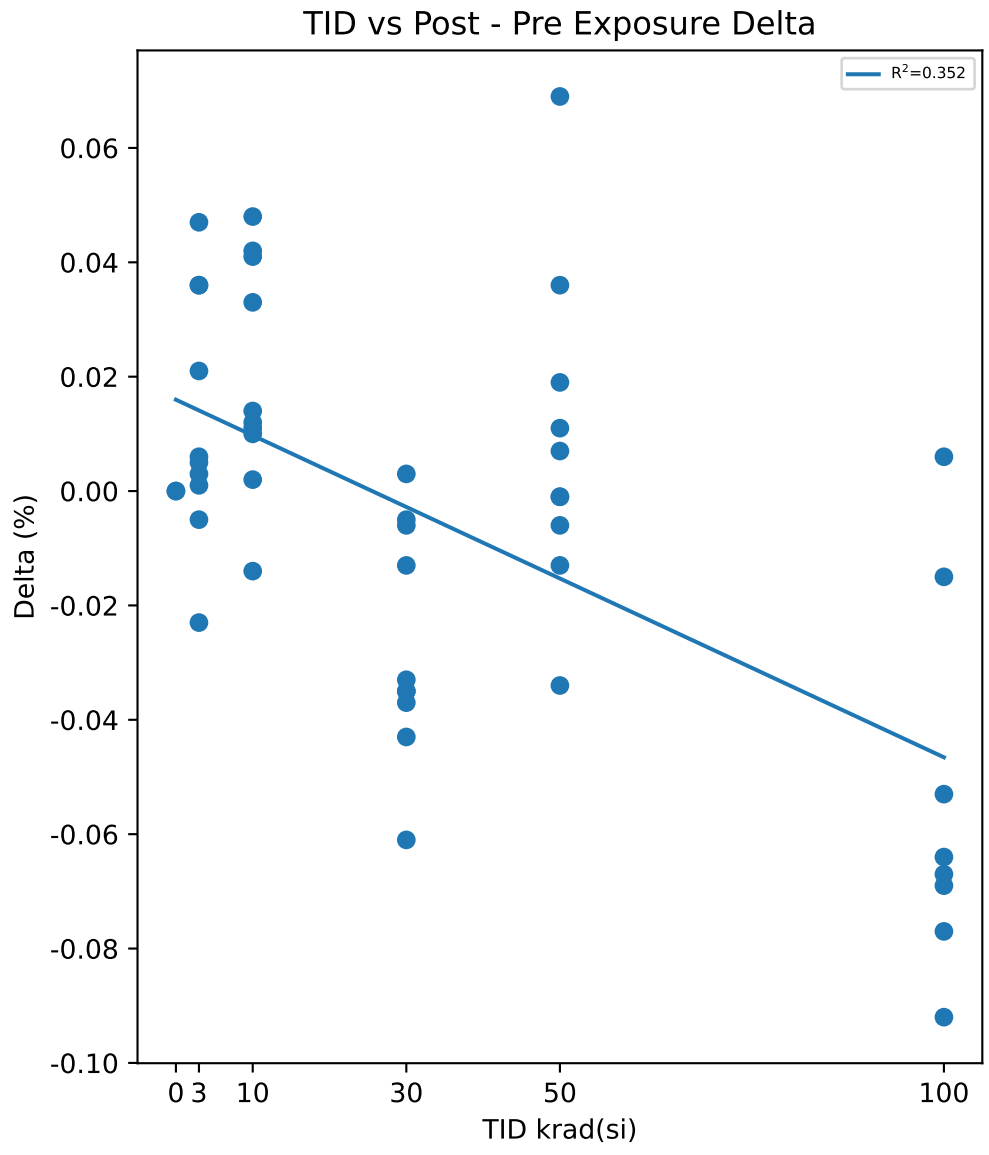
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.57	97.575	97.579	0.006364	97.57	97.575	97.579	0.006364	0	0	0	0
3	97.558	97.572	97.595	0.010983	97.56	97.567	97.586	0.0077035	-0.03	-0.0045	0.027	0.015065
10	97.558	97.572	97.595	0.010983	97.567	97.577	97.593	0.0073454	-0.021	0.005	0.034	0.014967
30	97.558	97.572	97.595	0.010983	97.517	97.53	97.545	0.0088569	-0.057	-0.0418	-0.014	0.013122
50	97.558	97.572	97.595	0.010983	97.549	97.568	97.59	0.011017	-0.023	-0.0034	0.015	0.012249
100	97.562	97.573	97.595	0.010875	97.481	97.517	97.578	0.036816	-0.099	-0.056375	0.013	0.043151

Device Test: 6.29 VOH_2mA_EN2/EN2/1.6/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

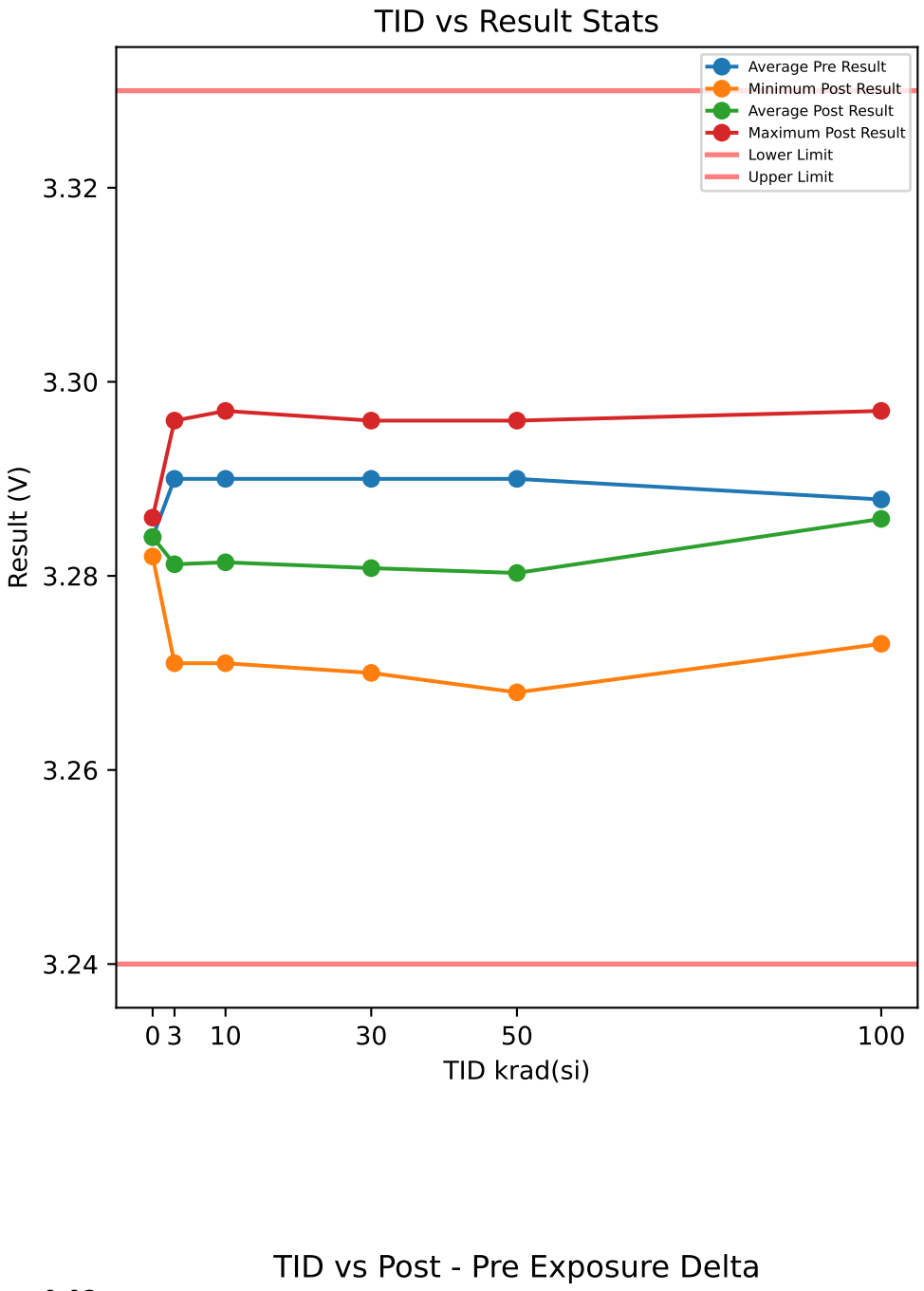
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.592	97.592	0
7	0	Correlation	97.614	97.614	0
16	3	LDR-Biased	97.605	97.652	0.047
18	3	LDR-Biased	97.613	97.619	0.006
19	3	LDR-Biased	97.61	97.611	0.001
20	3	LDR-Biased	97.602	97.638	0.036
21	3	LDR-Biased	97.622	97.617	-0.005
22	3	LDR-Unbiased	97.585	97.621	0.036
23	3	LDR-Unbiased	97.633	97.61	-0.023
25	3	LDR-Unbiased	97.603	97.608	0.005
26	3	LDR-Unbiased	97.591	97.594	0.003
27	3	LDR-Unbiased	97.599	97.62	0.021
46	10	LDR-Biased	97.605	97.653	0.048
48	10	LDR-Biased	97.613	97.624	0.011
49	10	LDR-Biased	97.61	97.62	0.01
50	10	LDR-Biased	97.602	97.643	0.041
51	10	LDR-Biased	97.622	97.624	0.002
52	10	LDR-Unbiased	97.585	97.627	0.042
53	10	LDR-Unbiased	97.633	97.619	-0.014
55	10	LDR-Unbiased	97.603	97.615	0.012
56	10	LDR-Unbiased	97.591	97.605	0.014
57	10	LDR-Unbiased	97.599	97.632	0.033
76	30	LDR-Biased	97.605	97.608	0.003
78	30	LDR-Biased	97.613	97.57	-0.043
79	30	LDR-Biased	97.61	97.573	-0.037
80	30	LDR-Biased	97.602	97.597	-0.005
81	30	LDR-Biased	97.622	97.589	-0.033
82	30	LDR-Unbiased	97.585	97.579	-0.006
83	30	LDR-Unbiased	97.633	97.572	-0.061
84	30	LDR-Unbiased	97.599	97.586	-0.013
85	30	LDR-Unbiased	97.603	97.568	-0.035
86	30	LDR-Unbiased	97.591	97.556	-0.035
87	100	LDR-Biased	97.612	97.535	-0.077
88	100	LDR-Biased	97.594	97.6	0.006
90	100	LDR-Biased	97.609	97.594	-0.015
91	100	LDR-Unbiased	97.593	97.529	-0.064
93	100	LDR-Unbiased	97.621	97.529	-0.092
94	100	LDR-Unbiased	97.604	97.551	-0.053
95	100	LDR-Unbiased	97.609	97.54	-0.069
96	100	LDR-Unbiased	97.597	97.53	-0.067
106	50	LDR-Biased	97.605	97.674	0.069
108	50	LDR-Biased	97.613	97.612	-0.001
109	50	LDR-Biased	97.61	97.617	0.007
110	50	LDR-Biased	97.602	97.638	0.036
111	50	LDR-Biased	97.622	97.621	-0.001
112	50	LDR-Unbiased	97.585	97.604	0.019
113	50	LDR-Unbiased	97.633	97.599	-0.034
115	50	LDR-Unbiased	97.603	97.597	-0.006
116	50	LDR-Unbiased	97.591	97.578	-0.013
117	50	LDR-Unbiased	97.599	97.61	0.011

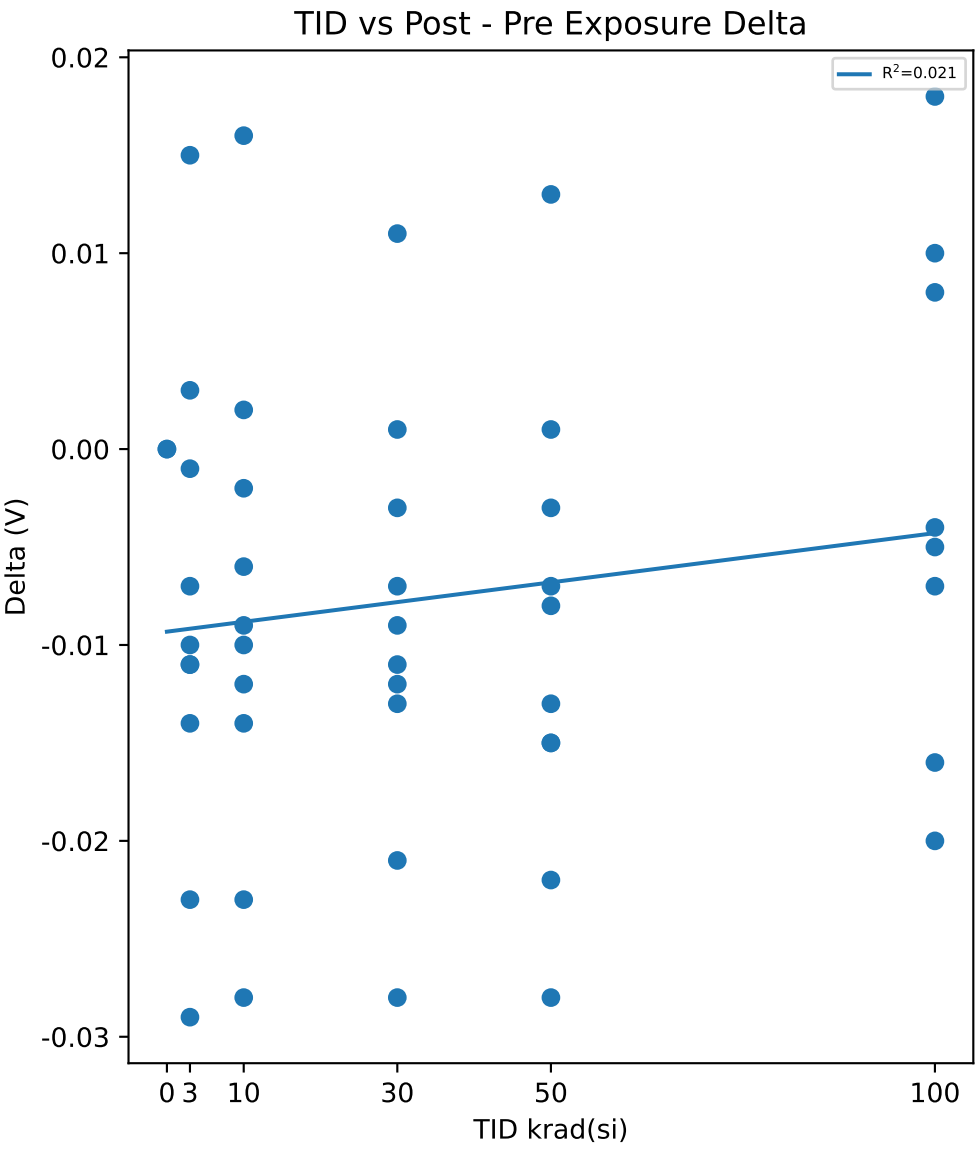


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.592	97.603	97.614	0.015556	97.592	97.603	97.614	0.015556	0	0	0	0
3	97.585	97.606	97.633	0.014103	97.594	97.619	97.652	0.016159	-0.023	0.0127	0.047	0.021741
10	97.585	97.606	97.633	0.014103	97.605	97.626	97.653	0.013782	-0.014	0.0199	0.048	0.020108
30	97.585	97.606	97.633	0.014103	97.556	97.58	97.608	0.015361	-0.061	-0.0265	0.003	0.020261
50	97.585	97.606	97.633	0.014103	97.578	97.615	97.674	0.026149	-0.034	0.0087	0.069	0.028273
100	97.593	97.605	97.621	0.0097605	97.529	97.551	97.6	0.029365	-0.092	-0.053875	0.006	0.032926

Device Test: 6.3 VLDO/VLDO//14/0/0/0/@VLDO_REG





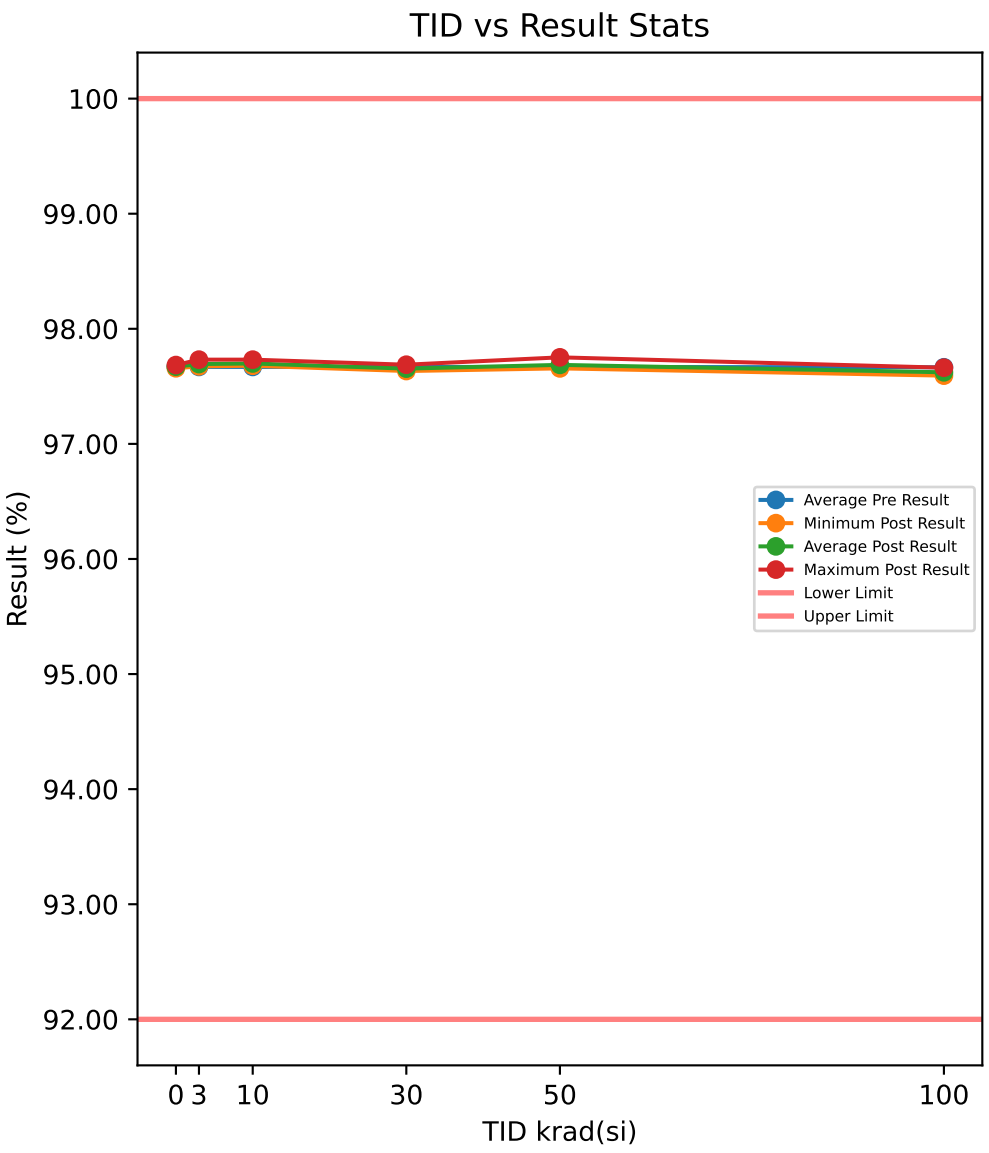
Test Results (Lower Limit = 3.24, Upper Limit = 3.33 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	3.282	3.282	0
7	0	Correlation	3.286	3.286	0
16	3	LDR-Biased	3.285	3.274	-0.011
18	3	LDR-Biased	3.287	3.29	0.003
19	3	LDR-Biased	3.283	3.282	-0.001
20	3	LDR-Biased	3.302	3.273	-0.029
21	3	LDR-Biased	3.288	3.277	-0.011
22	3	LDR-Unbiased	3.279	3.294	0.015
23	3	LDR-Unbiased	3.299	3.276	-0.023
25	3	LDR-Unbiased	3.293	3.279	-0.014
26	3	LDR-Unbiased	3.281	3.271	-0.01
27	3	LDR-Unbiased	3.303	3.296	-0.007
46	10	LDR-Biased	3.285	3.276	-0.009
48	10	LDR-Biased	3.287	3.289	0.002
49	10	LDR-Biased	3.283	3.281	-0.002
50	10	LDR-Biased	3.302	3.274	-0.028
51	10	LDR-Biased	3.288	3.276	-0.012
52	10	LDR-Unbiased	3.279	3.295	0.016
53	10	LDR-Unbiased	3.299	3.276	-0.023
55	10	LDR-Unbiased	3.293	3.279	-0.014
56	10	LDR-Unbiased	3.281	3.271	-0.01
57	10	LDR-Unbiased	3.303	3.297	-0.006
76	30	LDR-Biased	3.285	3.276	-0.009
78	30	LDR-Biased	3.287	3.288	0.001
79	30	LDR-Biased	3.283	3.28	-0.003
80	30	LDR-Biased	3.302	3.274	-0.028
81	30	LDR-Biased	3.288	3.275	-0.013
82	30	LDR-Unbiased	3.279	3.29	0.011
83	30	LDR-Unbiased	3.299	3.278	-0.021
84	30	LDR-Unbiased	3.303	3.296	-0.007
85	30	LDR-Unbiased	3.293	3.281	-0.012
86	30	LDR-Unbiased	3.281	3.27	-0.011
87	100	LDR-Biased	3.289	3.273	-0.016
88	100	LDR-Biased	3.286	3.282	-0.004
90	100	LDR-Biased	3.287	3.282	-0.005
91	100	LDR-Unbiased	3.279	3.297	0.018
93	100	LDR-Unbiased	3.288	3.296	0.008
94	100	LDR-Unbiased	3.286	3.279	-0.007
95	100	LDR-Unbiased	3.285	3.295	0.01
96	100	LDR-Unbiased	3.303	3.283	-0.02
106	50	LDR-Biased	3.285	3.277	-0.008
108	50	LDR-Biased	3.287	3.288	0.001
109	50	LDR-Biased	3.283	3.28	-0.003
110	50	LDR-Biased	3.302	3.274	-0.028
111	50	LDR-Biased	3.288	3.273	-0.015
112	50	LDR-Unbiased	3.279	3.292	0.013
113	50	LDR-Unbiased	3.299	3.277	-0.022
115	50	LDR-Unbiased	3.293	3.278	-0.015
116	50	LDR-Unbiased	3.281	3.268	-0.013
117	50	LDR-Unbiased	3.303	3.296	-0.007

Test Statistics (V)

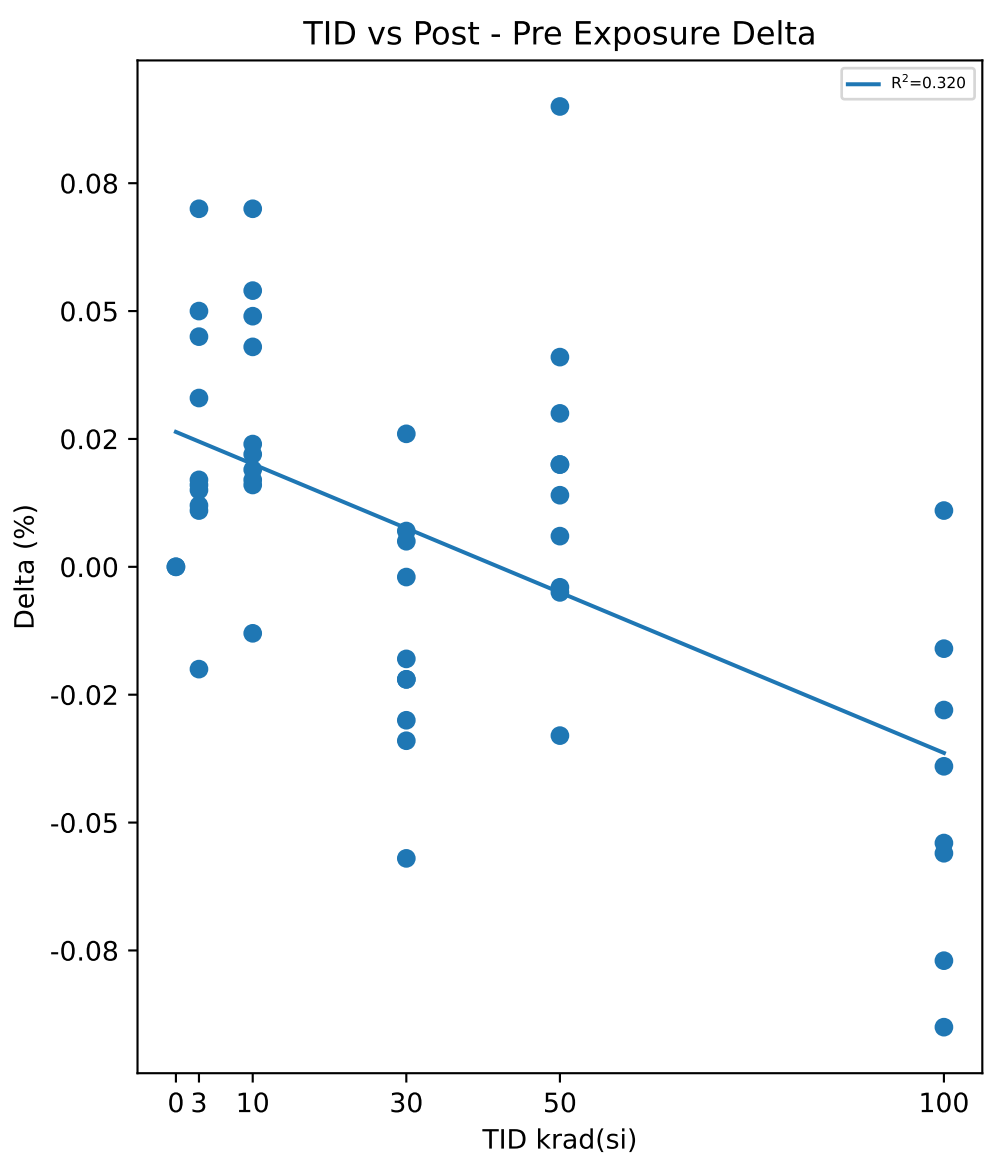
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.282	3.284	3.286	0.0028284	3.282	3.284	3.286	0.0028284	0	0	0	0
3	3.279	3.29	3.303	0.0087686	3.271	3.2812	3.296	0.0090284	-0.029	-0.0088	0.015	0.01255
10	3.279	3.29	3.303	0.0087686	3.271	3.2814	3.297	0.0090823	-0.028	-0.0086	0.016	0.012447
30	3.279	3.29	3.303	0.0087686	3.27	3.2808	3.296	0.008135	-0.028	-0.0092	0.011	0.010922
50	3.279	3.29	3.303	0.0087686	3.268	3.2803	3.296	0.0089075	-0.028	-0.0097	0.013	0.011729
100	3.279	3.2879	3.303	0.0068125	3.273	3.2859	3.297	0.0089513	-0.02	-0.002	0.018	0.013104

Device Test: 6.30 VOH_2mA_EN3/EN3/1.6/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

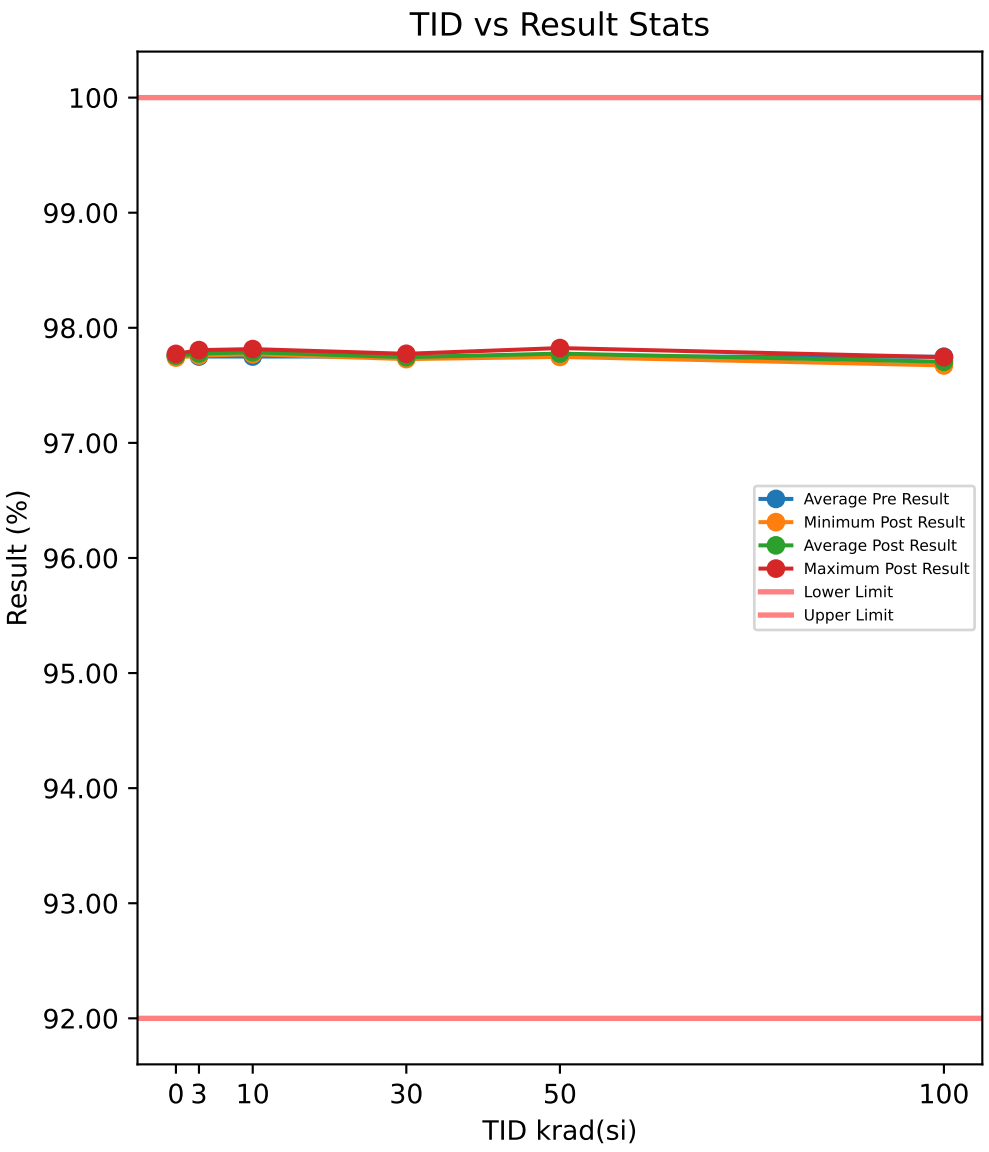
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.657	97.657	0
7	0	Correlation	97.685	97.685	0
16	3	LDR-Biased	97.662	97.732	0.07
18	3	LDR-Biased	97.676	97.693	0.017
19	3	LDR-Biased	97.672	97.688	0.016
20	3	LDR-Biased	97.672	97.717	0.045
21	3	LDR-Biased	97.677	97.689	0.012
22	3	LDR-Unbiased	97.643	97.693	0.05
23	3	LDR-Unbiased	97.701	97.681	-0.02
25	3	LDR-Unbiased	97.663	97.674	0.011
26	3	LDR-Unbiased	97.66	97.675	0.015
27	3	LDR-Unbiased	97.661	97.694	0.033
46	10	LDR-Biased	97.662	97.732	0.07
48	10	LDR-Biased	97.676	97.695	0.019
49	10	LDR-Biased	97.672	97.694	0.022
50	10	LDR-Biased	97.672	97.721	0.049
51	10	LDR-Biased	97.677	97.694	0.017
52	10	LDR-Unbiased	97.643	97.697	0.054
53	10	LDR-Unbiased	97.701	97.688	-0.013
55	10	LDR-Unbiased	97.663	97.679	0.016
56	10	LDR-Unbiased	97.66	97.684	0.024
57	10	LDR-Unbiased	97.661	97.704	0.043
76	30	LDR-Biased	97.662	97.688	0.026
78	30	LDR-Biased	97.676	97.642	-0.034
79	30	LDR-Biased	97.672	97.65	-0.022
80	30	LDR-Biased	97.672	97.677	0.005
81	30	LDR-Biased	97.677	97.659	-0.018
82	30	LDR-Unbiased	97.643	97.65	0.007
83	30	LDR-Unbiased	97.701	97.644	-0.057
84	30	LDR-Unbiased	97.661	97.659	-0.002
85	30	LDR-Unbiased	97.663	97.633	-0.03
86	30	LDR-Unbiased	97.66	97.638	-0.022
87	100	LDR-Biased	97.683	97.593	-0.09
88	100	LDR-Biased	97.651	97.662	0.011
90	100	LDR-Biased	97.672	97.656	-0.016
91	100	LDR-Unbiased	97.649	97.595	-0.054
93	100	LDR-Unbiased	97.677	97.6	-0.077
94	100	LDR-Unbiased	97.661	97.633	-0.028
95	100	LDR-Unbiased	97.673	97.617	-0.056
96	100	LDR-Unbiased	97.659	97.62	-0.039
106	50	LDR-Biased	97.662	97.752	0.09
108	50	LDR-Biased	97.676	97.682	0.006
109	50	LDR-Biased	97.672	97.692	0.02
110	50	LDR-Biased	97.672	97.713	0.041
111	50	LDR-Biased	97.677	97.691	0.014
112	50	LDR-Unbiased	97.643	97.673	0.03
113	50	LDR-Unbiased	97.701	97.668	-0.033
115	50	LDR-Unbiased	97.663	97.658	-0.005
116	50	LDR-Unbiased	97.66	97.656	-0.004
117	50	LDR-Unbiased	97.661	97.681	0.02



Test Statistics (%)

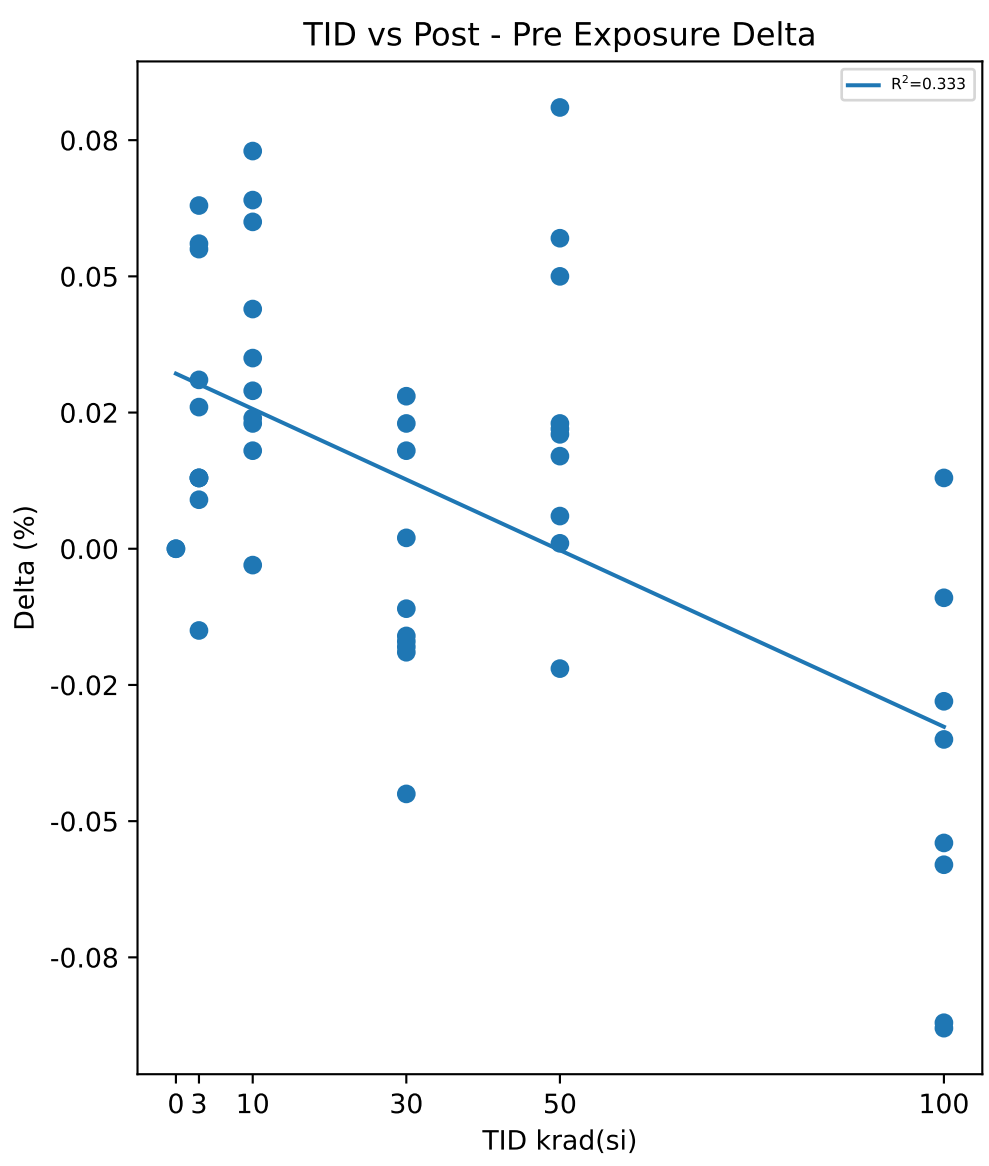
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.657	97.671	97.685	0.019799	97.657	97.671	97.685	0.019799	0	0	0	0
3	97.643	97.669	97.701	0.015129	97.674	97.694	97.732	0.018149	-0.02	0.0249	0.07	0.025274
10	97.643	97.669	97.701	0.015129	97.679	97.699	97.732	0.016376	-0.013	0.0301	0.07	0.0239
30	97.643	97.669	97.701	0.015129	97.633	97.654	97.688	0.017346	-0.057	-0.0147	0.026	0.024014
50	97.643	97.669	97.701	0.015129	97.656	97.687	97.752	0.028598	-0.033	0.0179	0.09	0.032726
100	97.649	97.666	97.683	0.012432	97.593	97.622	97.662	0.026619	-0.09	-0.043625	0.011	0.032815

Device Test: 6.31 VOH_2mA_EN4/EN4/1.6/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

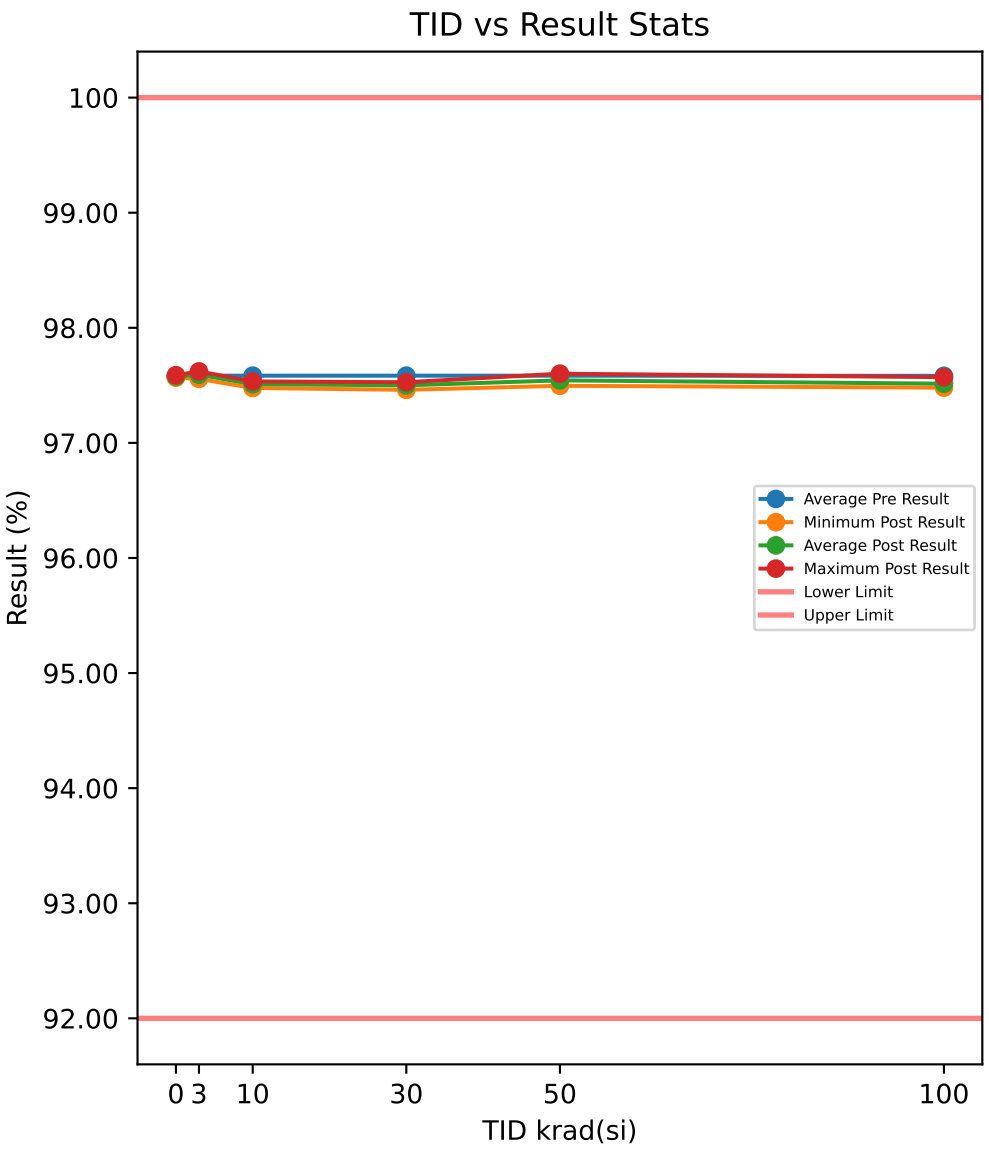
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.741	97.741	0
7	0	Correlation	97.773	97.773	0
16	3	LDR-Biased	97.743	97.799	0.056
18	3	LDR-Biased	97.753	97.779	0.026
19	3	LDR-Biased	97.754	97.767	0.013
20	3	LDR-Biased	97.751	97.806	0.055
21	3	LDR-Biased	97.765	97.774	0.009
22	3	LDR-Unbiased	97.721	97.784	0.063
23	3	LDR-Unbiased	97.776	97.761	-0.015
25	3	LDR-Unbiased	97.747	97.76	0.013
26	3	LDR-Unbiased	97.746	97.759	0.013
27	3	LDR-Unbiased	97.747	97.778	0.031
46	10	LDR-Biased	97.743	97.803	0.06
48	10	LDR-Biased	97.753	97.788	0.035
49	10	LDR-Biased	97.754	97.778	0.024
50	10	LDR-Biased	97.751	97.815	0.064
51	10	LDR-Biased	97.765	97.783	0.018
52	10	LDR-Unbiased	97.721	97.794	0.073
53	10	LDR-Unbiased	97.776	97.773	-0.003
55	10	LDR-Unbiased	97.747	97.77	0.023
56	10	LDR-Unbiased	97.746	97.775	0.029
57	10	LDR-Unbiased	97.747	97.791	0.044
76	30	LDR-Biased	97.743	97.761	0.018
78	30	LDR-Biased	97.753	97.737	-0.016
79	30	LDR-Biased	97.754	97.736	-0.018
80	30	LDR-Biased	97.751	97.774	0.023
81	30	LDR-Biased	97.765	97.754	-0.011
82	30	LDR-Unbiased	97.721	97.749	0.028
83	30	LDR-Unbiased	97.776	97.731	-0.045
84	30	LDR-Unbiased	97.747	97.749	0.002
85	30	LDR-Unbiased	97.747	97.728	-0.019
86	30	LDR-Unbiased	97.746	97.729	-0.017
87	100	LDR-Biased	97.763	97.676	-0.087
88	100	LDR-Biased	97.732	97.745	0.013
90	100	LDR-Biased	97.75	97.741	-0.009
91	100	LDR-Unbiased	97.727	97.673	-0.054
93	100	LDR-Unbiased	97.765	97.677	-0.088
94	100	LDR-Unbiased	97.742	97.714	-0.028
95	100	LDR-Unbiased	97.764	97.706	-0.058
96	100	LDR-Unbiased	97.745	97.71	-0.035
106	50	LDR-Biased	97.743	97.824	0.081
108	50	LDR-Biased	97.753	97.776	0.023
109	50	LDR-Biased	97.754	97.775	0.021
110	50	LDR-Biased	97.751	97.808	0.057
111	50	LDR-Biased	97.765	97.782	0.017
112	50	LDR-Unbiased	97.721	97.771	0.05
113	50	LDR-Unbiased	97.776	97.754	-0.022
115	50	LDR-Unbiased	97.747	97.753	0.006
116	50	LDR-Unbiased	97.746	97.747	0.001
117	50	LDR-Unbiased	97.747	97.769	0.022

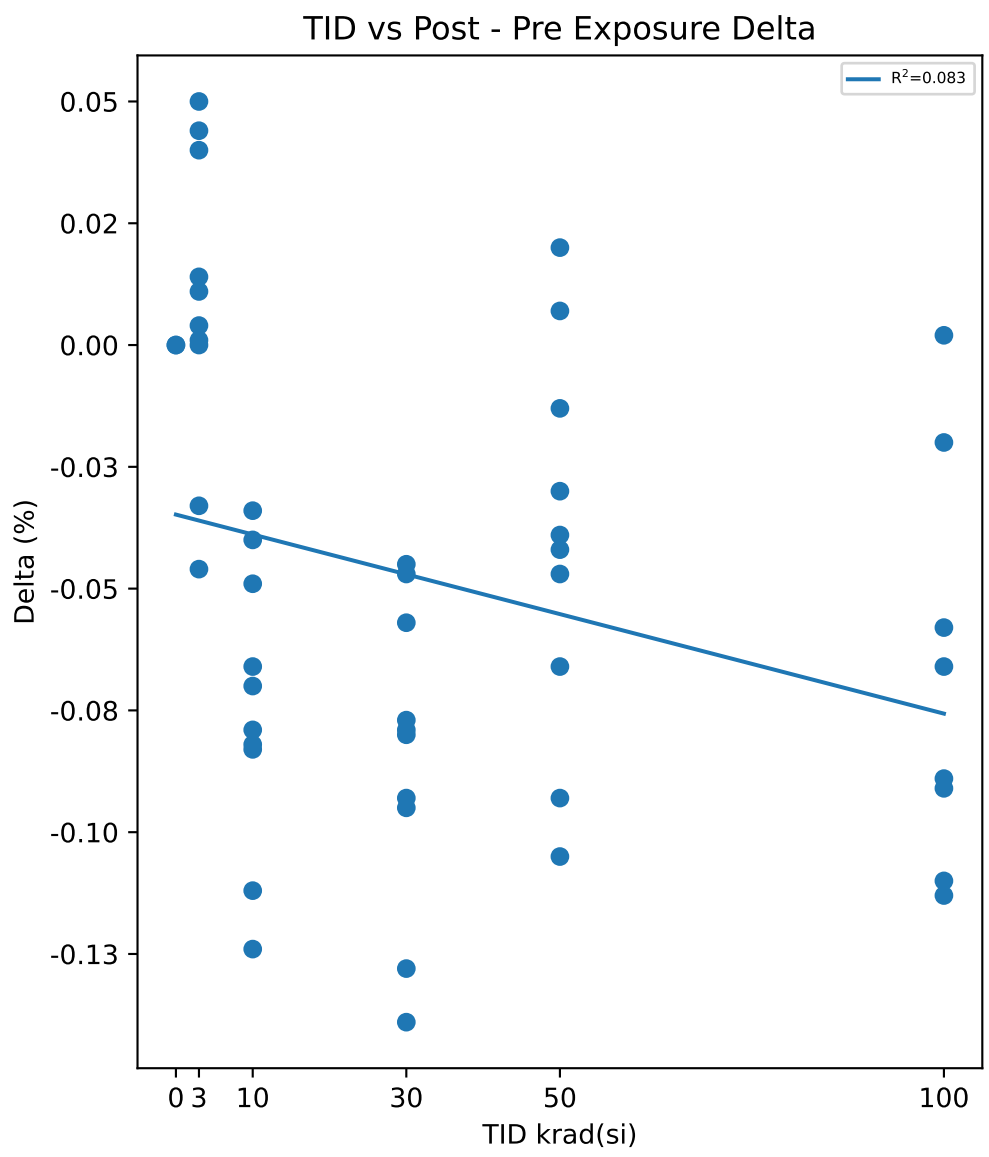


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.741	97.757	97.773	0.022627	97.741	97.757	97.773	0.022627	0	0	0	0
3	97.721	97.75	97.776	0.014338	97.759	97.777	97.806	0.01618	-0.015	0.0264	0.063	0.024968
10	97.721	97.75	97.776	0.014338	97.77	97.787	97.815	0.014267	-0.003	0.0367	0.073	0.023561
30	97.721	97.75	97.776	0.014338	97.728	97.745	97.774	0.015259	-0.045	-0.0055	0.028	0.022887
50	97.721	97.75	97.776	0.014338	97.747	97.776	97.824	0.024251	-0.022	0.0256	0.081	0.029852
100	97.727	97.749	97.765	0.014707	97.673	97.705	97.745	0.028414	-0.088	-0.04325	0.013	0.035632

Device Test: 6.32 VOH_2mA_SEQ/SEQ_DONE/1.6/3/0/0/2/@VOH_SEQ_DONE_2MA





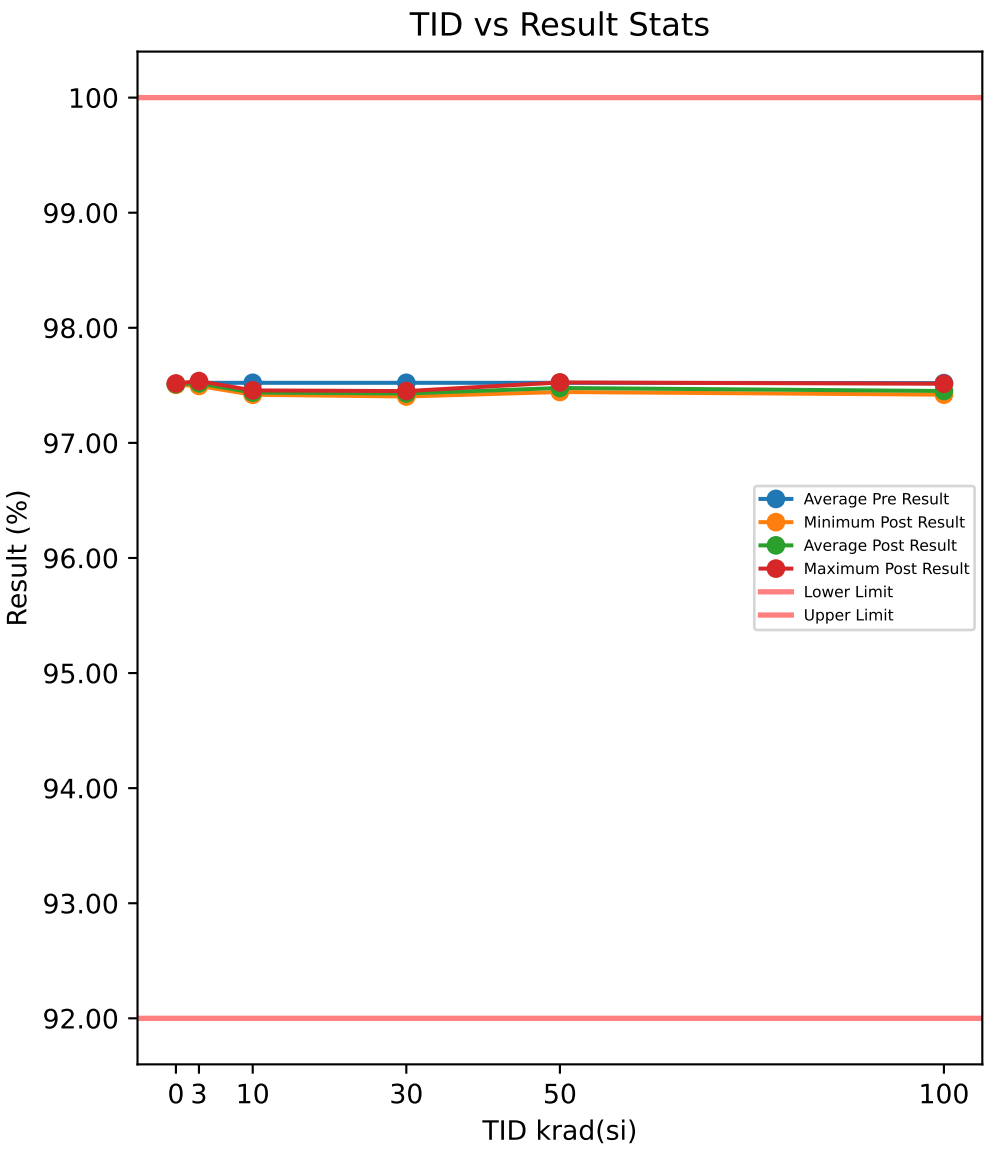
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

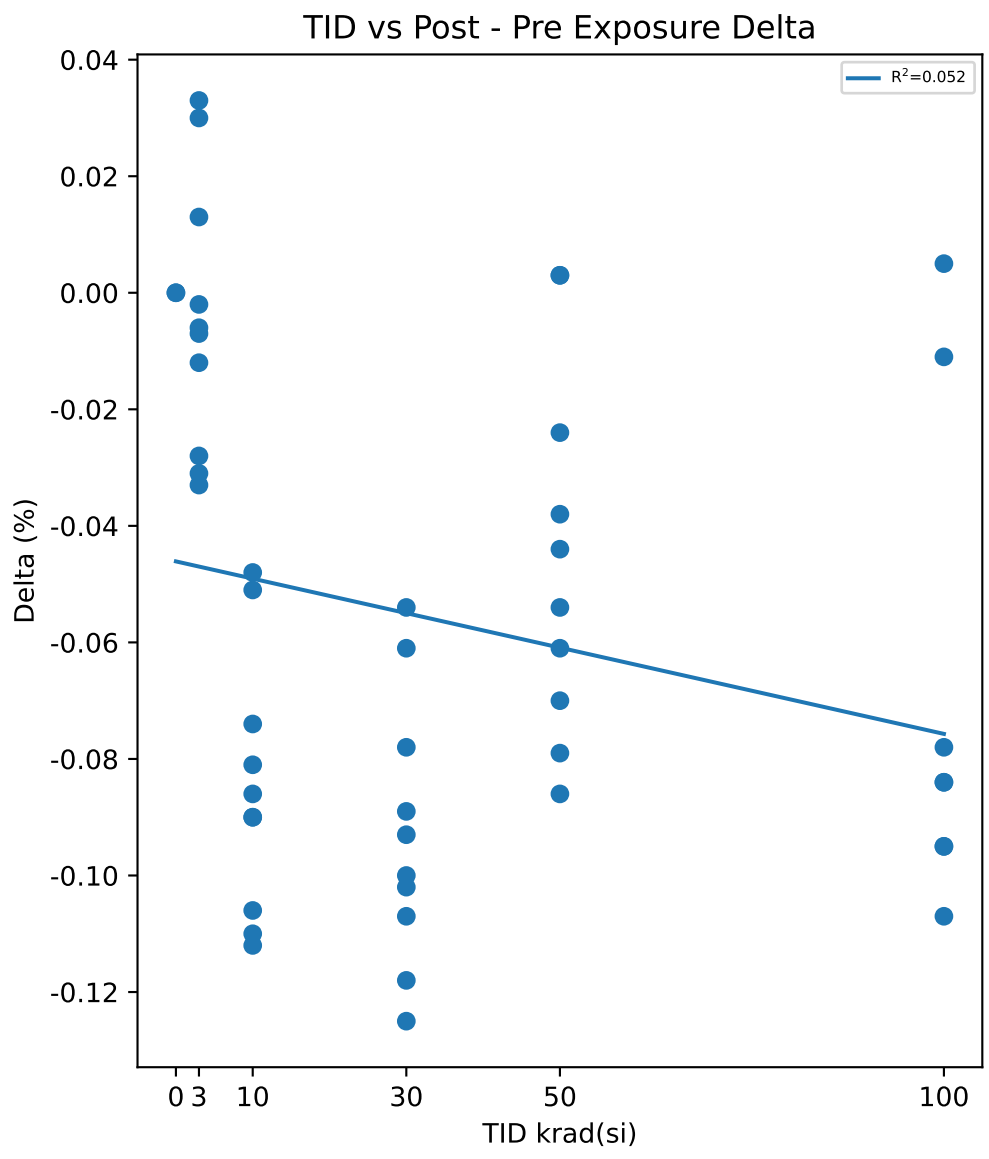
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.567	97.567	0
7	0	Correlation	97.588	97.588	0
16	3	LDR-Biased	97.581	97.621	0.04
18	3	LDR-Biased	97.59	97.594	0.004
19	3	LDR-Biased	97.58	97.591	0.011
20	3	LDR-Biased	97.574	97.618	0.044
21	3	LDR-Biased	97.596	97.596	0
22	3	LDR-Unbiased	97.56	97.61	0.05
23	3	LDR-Unbiased	97.619	97.573	-0.046
25	3	LDR-Unbiased	97.589	97.556	-0.033
26	3	LDR-Unbiased	97.576	97.577	0.001
27	3	LDR-Unbiased	97.575	97.589	0.014
46	10	LDR-Biased	97.581	97.532	-0.049
48	10	LDR-Biased	97.59	97.508	-0.082
49	10	LDR-Biased	97.58	97.51	-0.07
50	10	LDR-Biased	97.574	97.534	-0.04
51	10	LDR-Biased	97.596	97.513	-0.083
52	10	LDR-Unbiased	97.56	97.526	-0.034
53	10	LDR-Unbiased	97.619	97.495	-0.124
55	10	LDR-Unbiased	97.589	97.477	-0.112
56	10	LDR-Unbiased	97.576	97.497	-0.079
57	10	LDR-Unbiased	97.575	97.509	-0.066
76	30	LDR-Biased	97.581	97.524	-0.057
78	30	LDR-Biased	97.59	97.495	-0.095
79	30	LDR-Biased	97.58	97.5	-0.08
80	30	LDR-Biased	97.574	97.527	-0.047
81	30	LDR-Biased	97.596	97.517	-0.079
82	30	LDR-Unbiased	97.56	97.515	-0.045
83	30	LDR-Unbiased	97.619	97.48	-0.139
84	30	LDR-Unbiased	97.575	97.498	-0.077
85	30	LDR-Unbiased	97.589	97.461	-0.128
86	30	LDR-Unbiased	97.576	97.483	-0.093
87	100	LDR-Biased	97.592	97.482	-0.11
88	100	LDR-Biased	97.569	97.571	0.002
90	100	LDR-Biased	97.585	97.565	-0.02
91	100	LDR-Unbiased	97.569	97.48	-0.089
93	100	LDR-Unbiased	97.596	97.483	-0.113
94	100	LDR-Unbiased	97.58	97.522	-0.058
95	100	LDR-Unbiased	97.596	97.505	-0.091
96	100	LDR-Unbiased	97.573	97.507	-0.066
106	50	LDR-Biased	97.581	97.601	0.02
108	50	LDR-Biased	97.59	97.548	-0.042
109	50	LDR-Biased	97.58	97.55	-0.03
110	50	LDR-Biased	97.574	97.581	0.007
111	50	LDR-Biased	97.596	97.557	-0.039
112	50	LDR-Unbiased	97.56	97.547	-0.013
113	50	LDR-Unbiased	97.619	97.514	-0.105
115	50	LDR-Unbiased	97.589	97.496	-0.093
116	50	LDR-Unbiased	97.576	97.51	-0.066
117	50	LDR-Unbiased	97.575	97.528	-0.047

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.567	97.577	97.588	0.014849	97.567	97.577	97.588	0.014849	0	0	0	0
3	97.56	97.584	97.619	0.015902	97.556	97.593	97.621	0.020414	-0.046	0.0085	0.05	0.031363
10	97.56	97.584	97.619	0.015902	97.477	97.51	97.534	0.017679	-0.124	-0.0739	-0.034	0.029011
30	97.56	97.584	97.619	0.015902	97.461	97.5	97.527	0.021234	-0.139	-0.084	-0.045	0.031397
50	97.56	97.584	97.619	0.015902	97.496	97.543	97.601	0.032417	-0.105	-0.0408	0.02	0.039994
100	97.569	97.582	97.596	0.011477	97.48	97.514	97.571	0.036221	-0.113	-0.068125	0.002	0.041519

Device Test: 6.33 VOH_2mA_PWRGD/PWRGD/1.6/3/0/0/2/@VOH_PWRGD_2MA





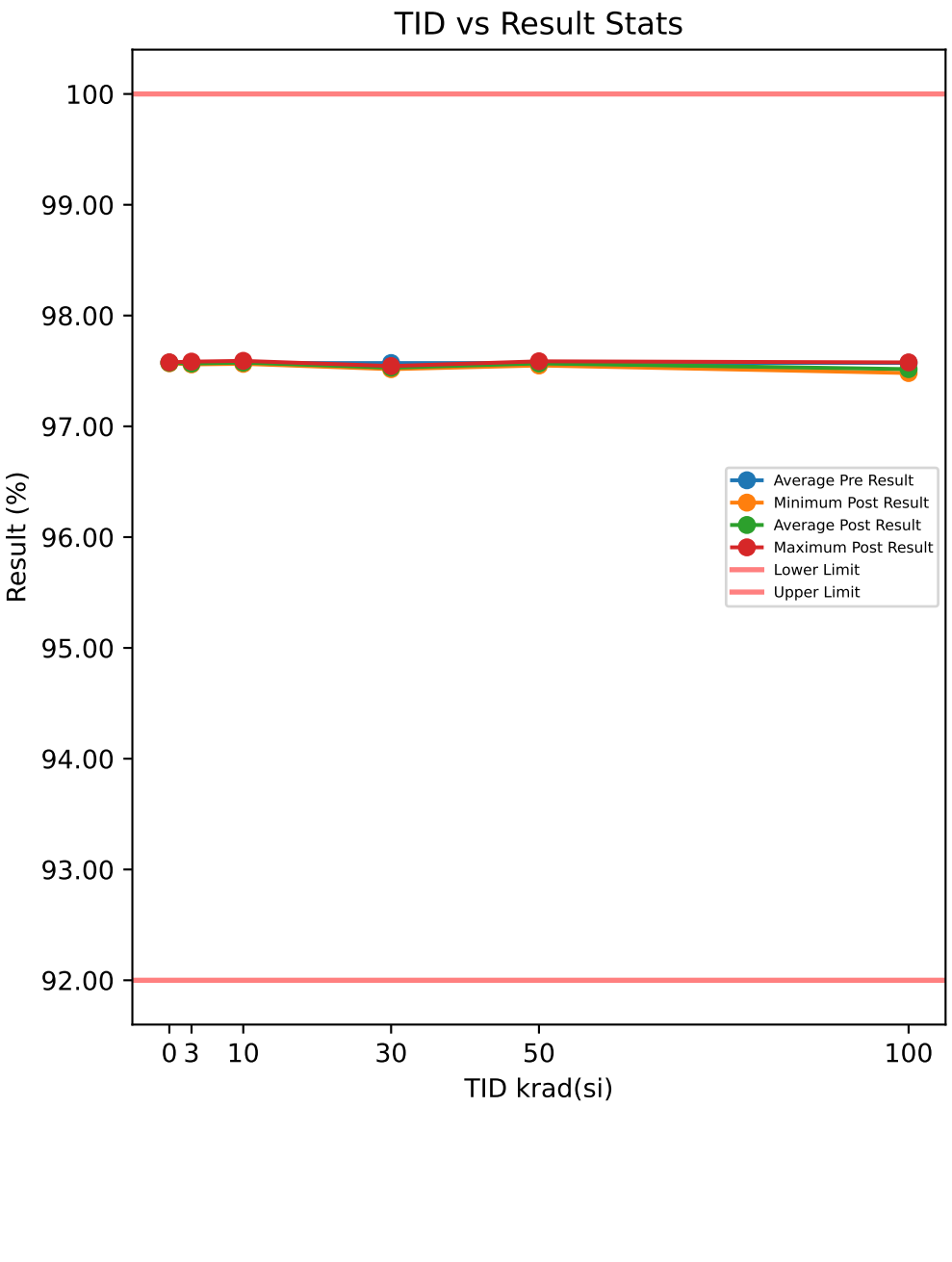
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

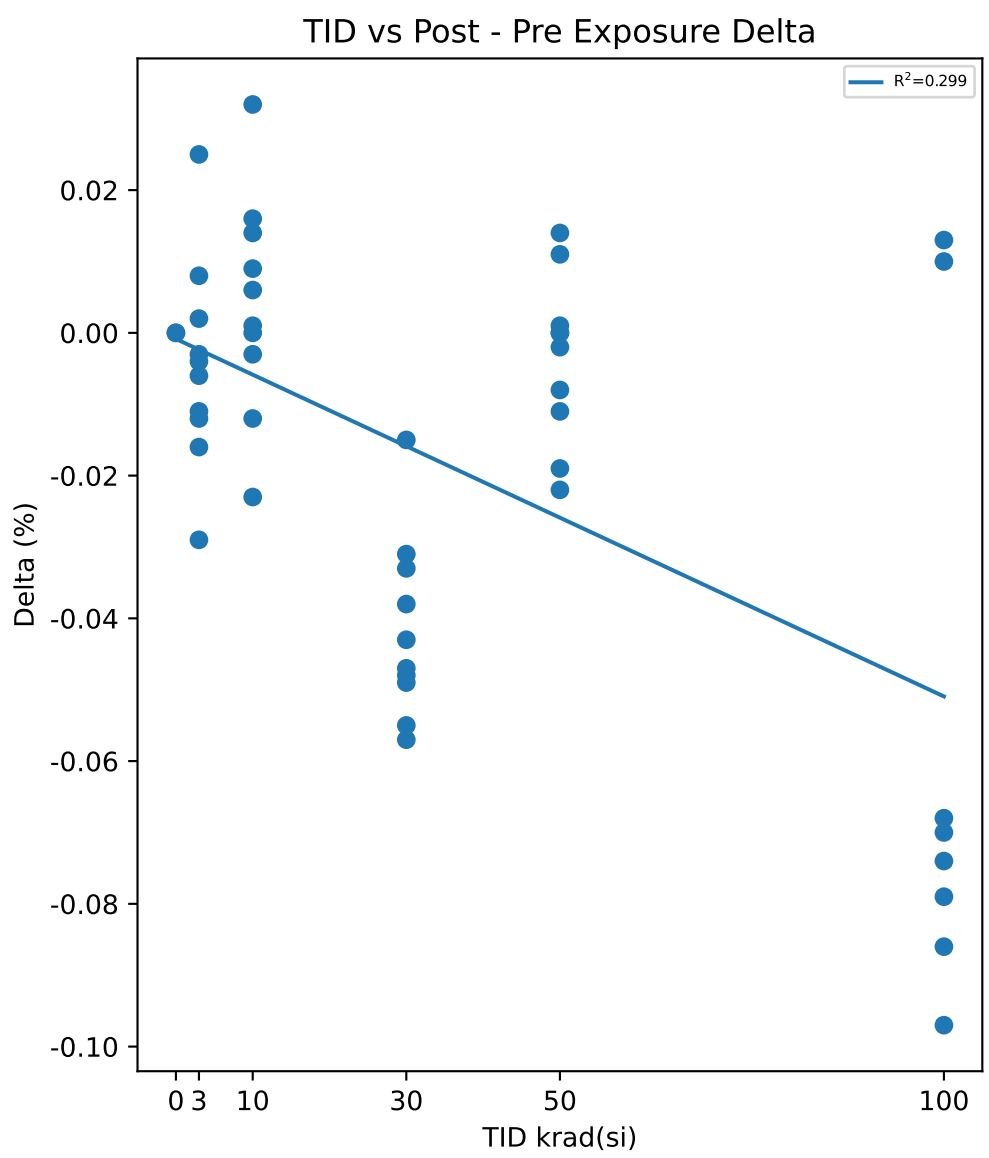
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.505	97.505	0
7	0	Correlation	97.516	97.516	0
16	3	LDR-Biased	97.522	97.535	0.013
18	3	LDR-Biased	97.525	97.519	-0.006
19	3	LDR-Biased	97.525	97.518	-0.007
20	3	LDR-Biased	97.504	97.537	0.033
21	3	LDR-Biased	97.539	97.508	-0.031
22	3	LDR-Unbiased	97.506	97.536	0.03
23	3	LDR-Unbiased	97.54	97.512	-0.028
25	3	LDR-Unbiased	97.528	97.495	-0.033
26	3	LDR-Unbiased	97.516	97.504	-0.012
27	3	LDR-Unbiased	97.515	97.513	-0.002
46	10	LDR-Biased	97.522	97.448	-0.074
48	10	LDR-Biased	97.525	97.435	-0.09
49	10	LDR-Biased	97.525	97.439	-0.086
50	10	LDR-Biased	97.504	97.456	-0.048
51	10	LDR-Biased	97.539	97.427	-0.112
52	10	LDR-Unbiased	97.506	97.455	-0.051
53	10	LDR-Unbiased	97.54	97.434	-0.106
55	10	LDR-Unbiased	97.528	97.418	-0.11
56	10	LDR-Unbiased	97.516	97.426	-0.09
57	10	LDR-Unbiased	97.515	97.434	-0.081
76	30	LDR-Biased	97.522	97.444	-0.078
78	30	LDR-Biased	97.525	97.425	-0.1
79	30	LDR-Biased	97.525	97.432	-0.093
80	30	LDR-Biased	97.504	97.45	-0.054
81	30	LDR-Biased	97.539	97.432	-0.107
82	30	LDR-Unbiased	97.506	97.445	-0.061
83	30	LDR-Unbiased	97.54	97.422	-0.118
84	30	LDR-Unbiased	97.515	97.426	-0.089
85	30	LDR-Unbiased	97.528	97.403	-0.125
86	30	LDR-Unbiased	97.516	97.414	-0.102
87	100	LDR-Biased	97.522	97.427	-0.095
88	100	LDR-Biased	97.509	97.514	0.005
90	100	LDR-Biased	97.52	97.509	-0.011
91	100	LDR-Unbiased	97.514	97.419	-0.095
93	100	LDR-Unbiased	97.539	97.432	-0.107
94	100	LDR-Unbiased	97.521	97.443	-0.078
95	100	LDR-Unbiased	97.517	97.433	-0.084
96	100	LDR-Unbiased	97.514	97.43	-0.084
106	50	LDR-Biased	97.522	97.525	0.003
108	50	LDR-Biased	97.525	97.481	-0.044
109	50	LDR-Biased	97.525	97.487	-0.038
110	50	LDR-Biased	97.504	97.507	0.003
111	50	LDR-Biased	97.539	97.478	-0.061
112	50	LDR-Unbiased	97.506	97.482	-0.024
113	50	LDR-Unbiased	97.54	97.461	-0.079
115	50	LDR-Unbiased	97.528	97.442	-0.086
116	50	LDR-Unbiased	97.516	97.446	-0.07
117	50	LDR-Unbiased	97.515	97.461	-0.054

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.505	97.511	97.516	0.0077782	97.505	97.511	97.516	0.0077782	0	0	0	0
3	97.504	97.522	97.54	0.012166	97.495	97.518	97.537	0.014376	-0.033	-0.0043	0.033	0.023665
10	97.504	97.522	97.54	0.012166	97.418	97.437	97.456	0.012533	-0.112	-0.0848	-0.048	0.02238
30	97.504	97.522	97.54	0.012166	97.403	97.429	97.45	0.014583	-0.125	-0.0927	-0.054	0.022998
50	97.504	97.522	97.54	0.012166	97.442	97.477	97.525	0.025914	-0.086	-0.045	0.003	0.031443
100	97.509	97.519	97.539	0.0089921	97.419	97.451	97.514	0.038028	-0.107	-0.068625	0.005	0.041689

Device Test: 6.34 VOH_2mA_EN1/EN1/1.6/14/0/0/2/@VOH_EN_2MA





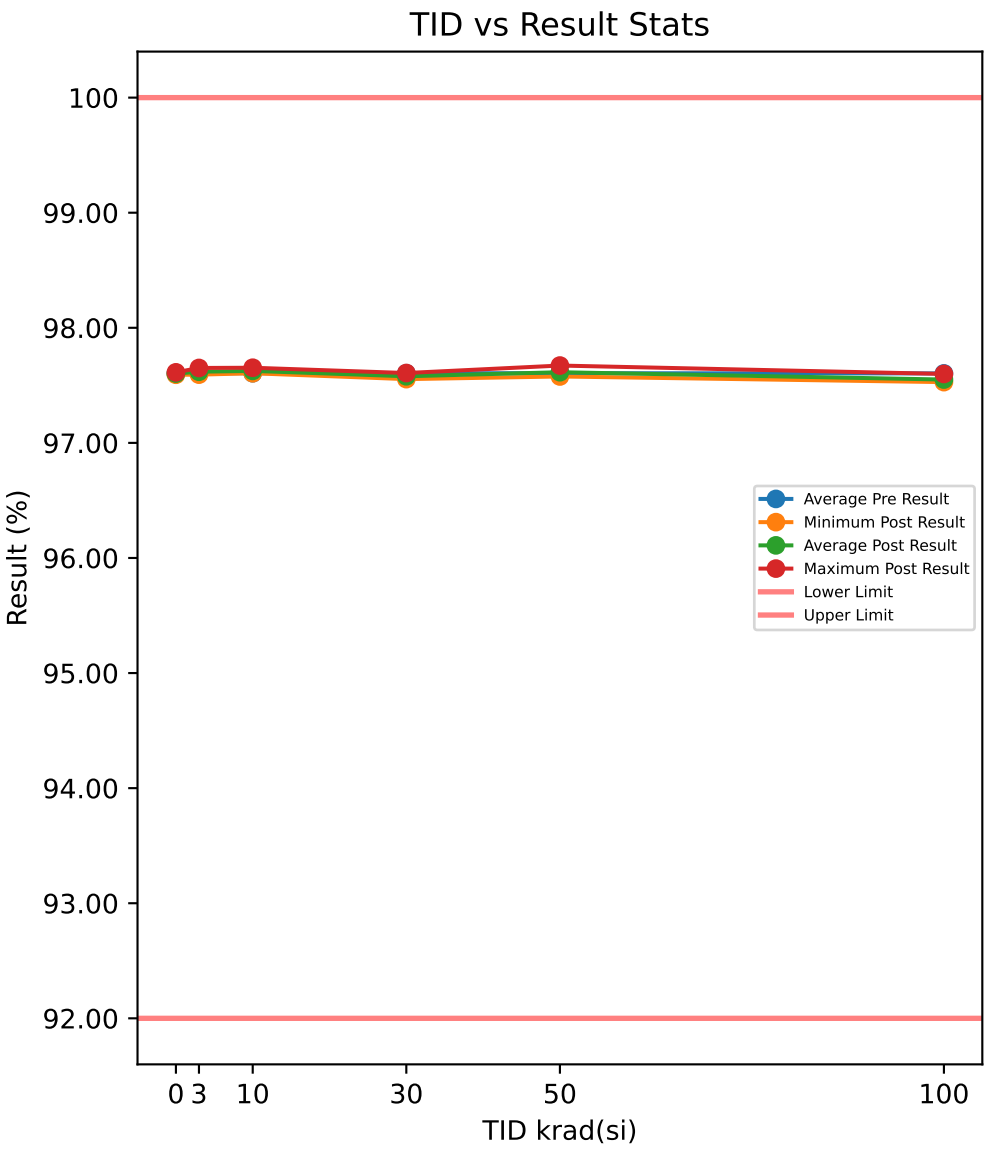
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.569	97.569	0
7	0	Correlation	97.578	97.578	0
16	3	LDR-Biased	97.576	97.56	-0.016
18	3	LDR-Biased	97.565	97.562	-0.003
19	3	LDR-Biased	97.576	97.565	-0.011
20	3	LDR-Biased	97.569	97.563	-0.006
21	3	LDR-Biased	97.594	97.565	-0.029
22	3	LDR-Unbiased	97.559	97.584	0.025
23	3	LDR-Unbiased	97.58	97.568	-0.012
25	3	LDR-Unbiased	97.567	97.575	0.008
26	3	LDR-Unbiased	97.557	97.559	0.002
27	3	LDR-Unbiased	97.569	97.565	-0.004
46	10	LDR-Biased	97.576	97.564	-0.012
48	10	LDR-Biased	97.565	97.571	0.006
49	10	LDR-Biased	97.576	97.576	0
50	10	LDR-Biased	97.569	97.57	0.001
51	10	LDR-Biased	97.594	97.571	-0.023
52	10	LDR-Unbiased	97.559	97.591	0.032
53	10	LDR-Unbiased	97.58	97.577	-0.003
55	10	LDR-Unbiased	97.567	97.581	0.014
56	10	LDR-Unbiased	97.557	97.573	0.016
57	10	LDR-Unbiased	97.569	97.578	0.009
76	30	LDR-Biased	97.576	97.519	-0.057
78	30	LDR-Biased	97.565	97.516	-0.049
79	30	LDR-Biased	97.576	97.529	-0.047
80	30	LDR-Biased	97.569	97.526	-0.043
81	30	LDR-Biased	97.594	97.539	-0.055
82	30	LDR-Unbiased	97.559	97.544	-0.015
83	30	LDR-Unbiased	97.58	97.532	-0.048
84	30	LDR-Unbiased	97.569	97.531	-0.038
85	30	LDR-Unbiased	97.567	97.536	-0.031
86	30	LDR-Unbiased	97.557	97.524	-0.033
87	100	LDR-Biased	97.582	97.508	-0.074
88	100	LDR-Biased	97.564	97.577	0.013
90	100	LDR-Biased	97.561	97.571	0.01
91	100	LDR-Unbiased	97.566	97.496	-0.07
93	100	LDR-Unbiased	97.593	97.496	-0.097
94	100	LDR-Unbiased	97.574	97.495	-0.079
95	100	LDR-Unbiased	97.574	97.506	-0.068
96	100	LDR-Unbiased	97.567	97.481	-0.086
106	50	LDR-Biased	97.576	97.587	0.011
108	50	LDR-Biased	97.565	97.563	-0.002
109	50	LDR-Biased	97.576	97.576	0
110	50	LDR-Biased	97.569	97.569	0
111	50	LDR-Biased	97.594	97.572	-0.022
112	50	LDR-Unbiased	97.559	97.573	0.014
113	50	LDR-Unbiased	97.58	97.561	-0.019
115	50	LDR-Unbiased	97.567	97.568	0.001
116	50	LDR-Unbiased	97.557	97.549	-0.008
117	50	LDR-Unbiased	97.569	97.558	-0.011

Test Statistics (%)

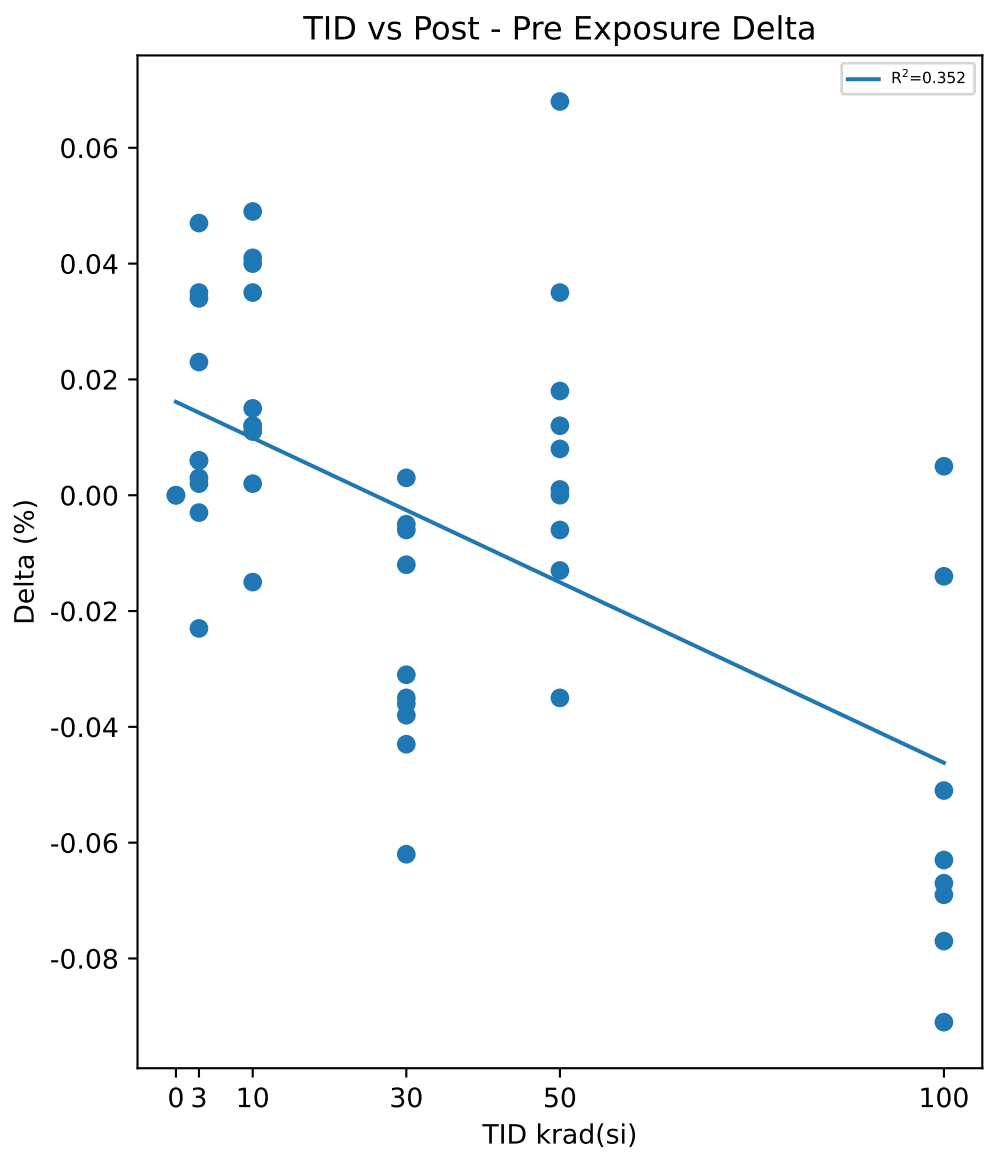
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.569	97.573	97.578	0.006364	97.569	97.573	97.578	0.006364	0	0	0	0
3	97.557	97.571	97.594	0.01085	97.559	97.567	97.584	0.0075895	-0.029	-0.0046	0.025	0.014546
10	97.557	97.571	97.594	0.01085	97.564	97.575	97.591	0.0073606	-0.023	0.004	0.032	0.015333
30	97.557	97.571	97.594	0.01085	97.516	97.53	97.544	0.0087331	-0.057	-0.0416	-0.015	0.012695
50	97.557	97.571	97.594	0.01085	97.549	97.568	97.587	0.010543	-0.022	-0.0036	0.014	0.011654
100	97.561	97.573	97.593	0.010636	97.481	97.516	97.577	0.036597	-0.097	-0.056375	0.013	0.042912

Device Test: 6.35 VOH_2mA_EN2/EN2/1.6/14/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

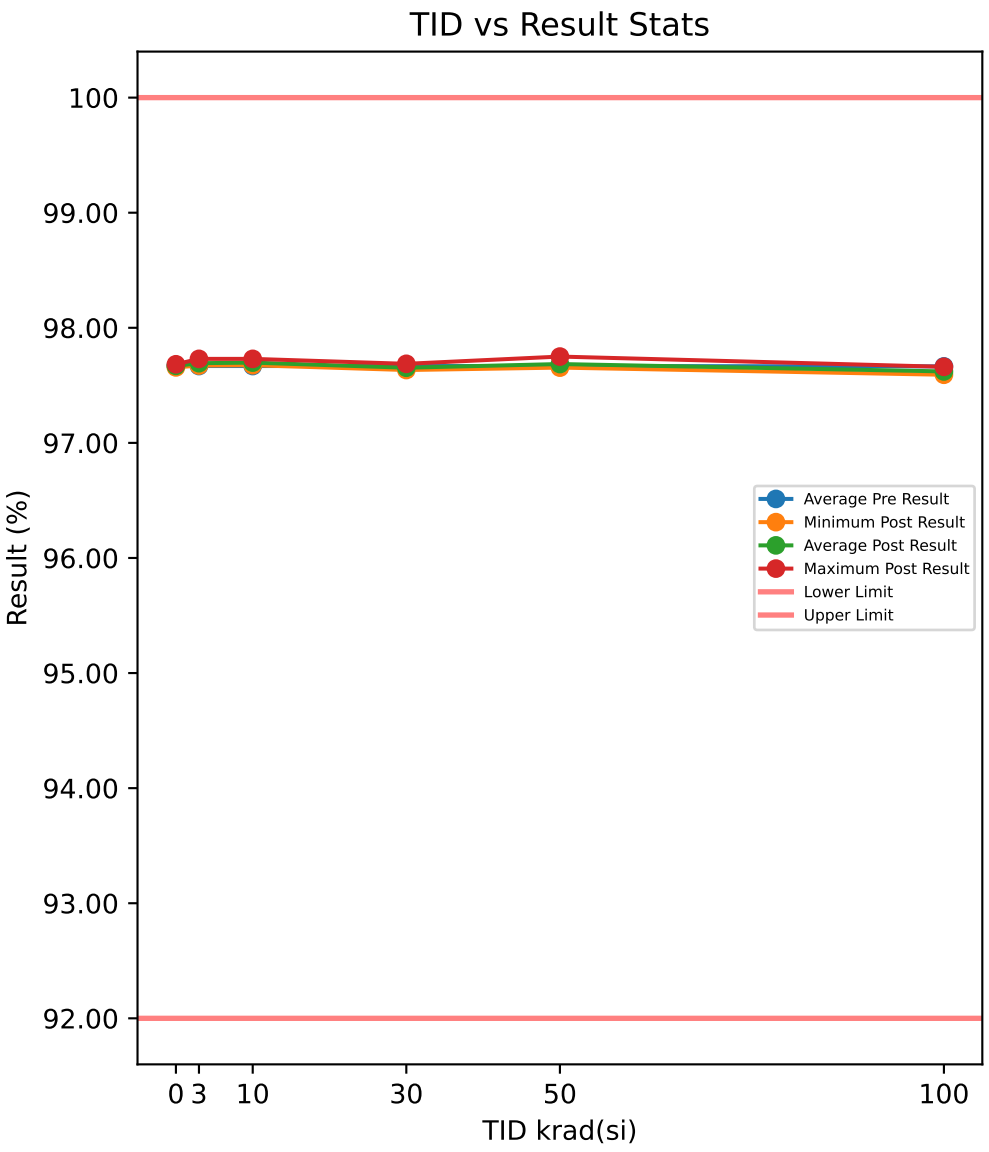
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.592	97.592	0
7	0	Correlation	97.613	97.613	0
16	3	LDR-Biased	97.604	97.651	0.047
18	3	LDR-Biased	97.612	97.618	0.006
19	3	LDR-Biased	97.609	97.611	0.002
20	3	LDR-Biased	97.602	97.636	0.034
21	3	LDR-Biased	97.62	97.617	-0.003
22	3	LDR-Unbiased	97.585	97.62	0.035
23	3	LDR-Unbiased	97.632	97.609	-0.023
25	3	LDR-Unbiased	97.602	97.608	0.006
26	3	LDR-Unbiased	97.59	97.593	0.003
27	3	LDR-Unbiased	97.597	97.62	0.023
46	10	LDR-Biased	97.604	97.653	0.049
48	10	LDR-Biased	97.612	97.624	0.012
49	10	LDR-Biased	97.609	97.621	0.012
50	10	LDR-Biased	97.602	97.643	0.041
51	10	LDR-Biased	97.62	97.622	0.002
52	10	LDR-Unbiased	97.585	97.625	0.04
53	10	LDR-Unbiased	97.632	97.617	-0.015
55	10	LDR-Unbiased	97.602	97.613	0.011
56	10	LDR-Unbiased	97.59	97.605	0.015
57	10	LDR-Unbiased	97.597	97.632	0.035
76	30	LDR-Biased	97.604	97.607	0.003
78	30	LDR-Biased	97.612	97.569	-0.043
79	30	LDR-Biased	97.609	97.571	-0.038
80	30	LDR-Biased	97.602	97.597	-0.005
81	30	LDR-Biased	97.62	97.589	-0.031
82	30	LDR-Unbiased	97.585	97.579	-0.006
83	30	LDR-Unbiased	97.632	97.57	-0.062
84	30	LDR-Unbiased	97.597	97.585	-0.012
85	30	LDR-Unbiased	97.602	97.567	-0.035
86	30	LDR-Unbiased	97.59	97.554	-0.036
87	100	LDR-Biased	97.611	97.534	-0.077
88	100	LDR-Biased	97.594	97.599	0.005
90	100	LDR-Biased	97.608	97.594	-0.014
91	100	LDR-Unbiased	97.591	97.528	-0.063
93	100	LDR-Unbiased	97.62	97.529	-0.091
94	100	LDR-Unbiased	97.602	97.551	-0.051
95	100	LDR-Unbiased	97.608	97.539	-0.069
96	100	LDR-Unbiased	97.596	97.529	-0.067
106	50	LDR-Biased	97.604	97.672	0.068
108	50	LDR-Biased	97.612	97.613	0.001
109	50	LDR-Biased	97.609	97.617	0.008
110	50	LDR-Biased	97.602	97.637	0.035
111	50	LDR-Biased	97.62	97.62	0
112	50	LDR-Unbiased	97.585	97.603	0.018
113	50	LDR-Unbiased	97.632	97.597	-0.035
115	50	LDR-Unbiased	97.602	97.596	-0.006
116	50	LDR-Unbiased	97.59	97.577	-0.013
117	50	LDR-Unbiased	97.597	97.609	0.012

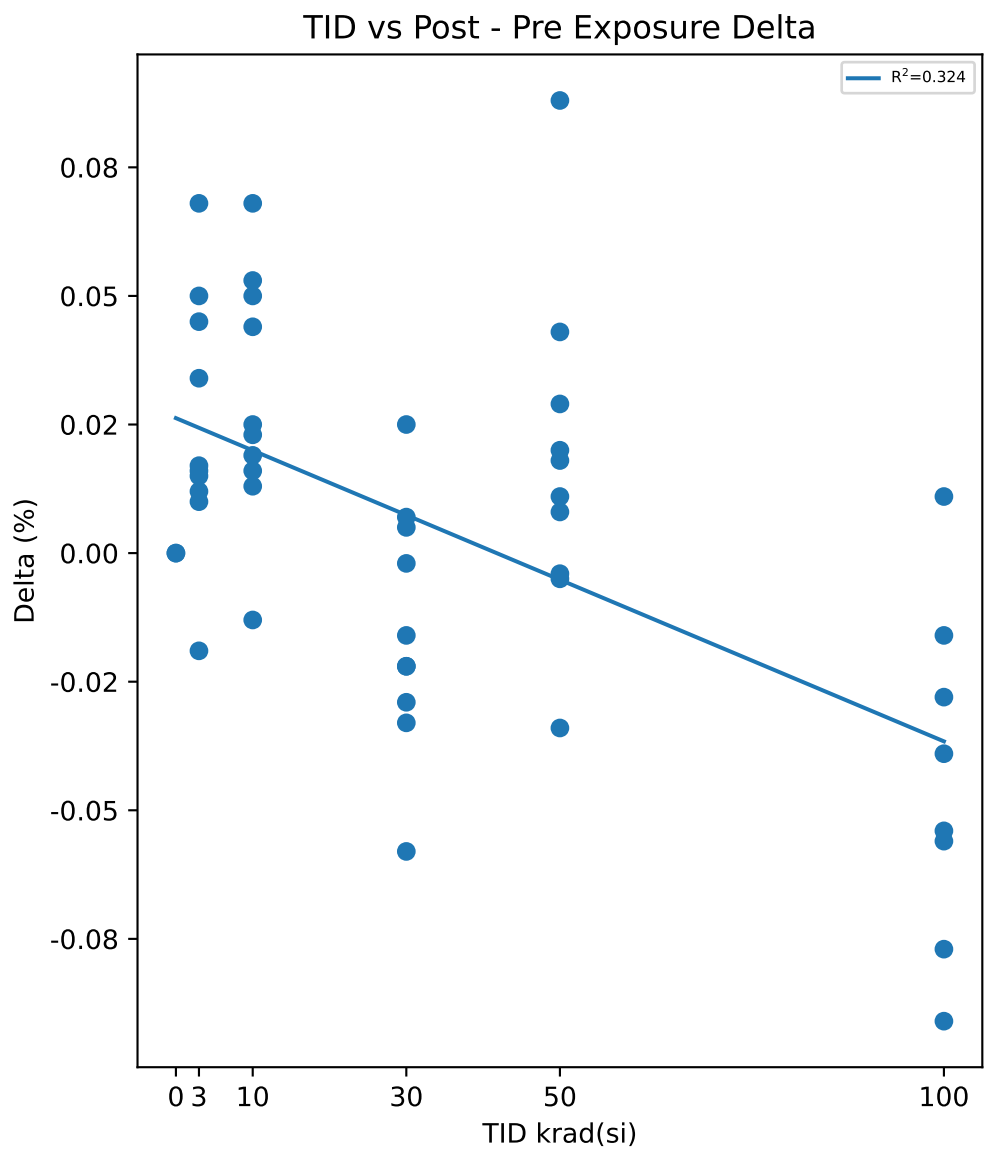


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.592	97.602	97.613	0.014849	97.592	97.602	97.613	0.014849	0	0	0	0
3	97.585	97.605	97.632	0.013849	97.593	97.618	97.651	0.015903	-0.023	0.013	0.047	0.021218
10	97.585	97.605	97.632	0.013849	97.605	97.626	97.653	0.014097	-0.015	0.0202	0.049	0.020247
30	97.585	97.605	97.632	0.013849	97.554	97.579	97.607	0.015838	-0.062	-0.0265	0.003	0.020576
50	97.585	97.605	97.632	0.013849	97.577	97.614	97.672	0.025963	-0.035	0.0088	0.068	0.027963
100	97.591	97.604	97.62	0.0098089	97.528	97.55	97.599	0.029471	-0.091	-0.053375	0.005	0.032645

Device Test: 6.36 VOH_2mA_EN3/EN3/1.6/14/0/0/2/@VOH_EN_2MA





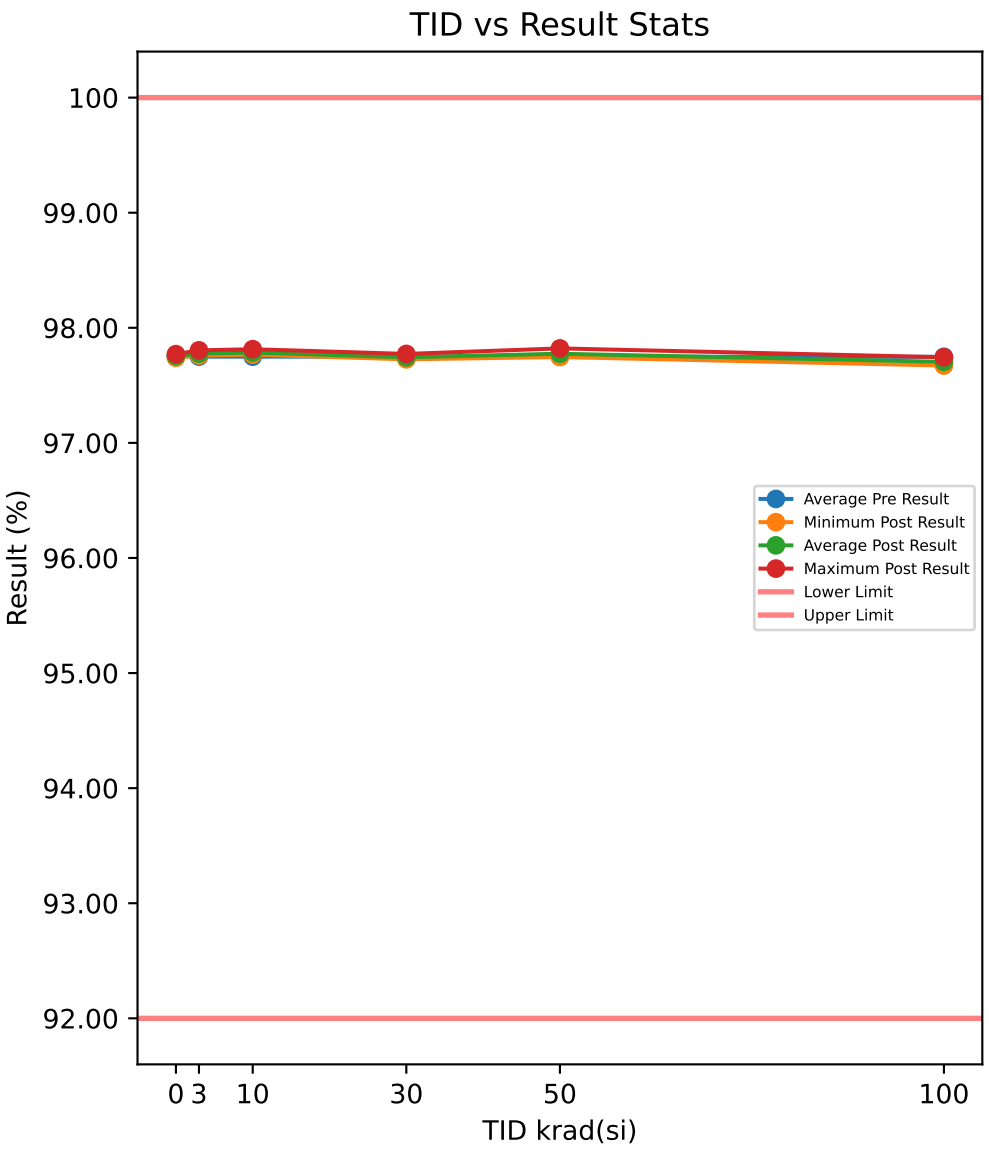
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.656	97.656	0
7	0	Correlation	97.683	97.683	0
16	3	LDR-Biased	97.662	97.73	0.068
18	3	LDR-Biased	97.675	97.691	0.016
19	3	LDR-Biased	97.671	97.688	0.017
20	3	LDR-Biased	97.671	97.716	0.045
21	3	LDR-Biased	97.676	97.688	0.012
22	3	LDR-Unbiased	97.642	97.692	0.05
23	3	LDR-Unbiased	97.7	97.681	-0.019
25	3	LDR-Unbiased	97.662	97.672	0.01
26	3	LDR-Unbiased	97.659	97.674	0.015
27	3	LDR-Unbiased	97.659	97.693	0.034
46	10	LDR-Biased	97.662	97.73	0.068
48	10	LDR-Biased	97.675	97.694	0.019
49	10	LDR-Biased	97.671	97.696	0.025
50	10	LDR-Biased	97.671	97.721	0.05
51	10	LDR-Biased	97.676	97.692	0.016
52	10	LDR-Unbiased	97.642	97.695	0.053
53	10	LDR-Unbiased	97.7	97.687	-0.013
55	10	LDR-Unbiased	97.662	97.675	0.013
56	10	LDR-Unbiased	97.659	97.682	0.023
57	10	LDR-Unbiased	97.659	97.703	0.044
76	30	LDR-Biased	97.662	97.687	0.025
78	30	LDR-Biased	97.675	97.642	-0.033
79	30	LDR-Biased	97.671	97.649	-0.022
80	30	LDR-Biased	97.671	97.676	0.005
81	30	LDR-Biased	97.676	97.66	-0.016
82	30	LDR-Unbiased	97.642	97.649	0.007
83	30	LDR-Unbiased	97.7	97.642	-0.058
84	30	LDR-Unbiased	97.659	97.657	-0.002
85	30	LDR-Unbiased	97.662	97.633	-0.029
86	30	LDR-Unbiased	97.659	97.637	-0.022
87	100	LDR-Biased	97.683	97.592	-0.091
88	100	LDR-Biased	97.65	97.661	0.011
90	100	LDR-Biased	97.671	97.655	-0.016
91	100	LDR-Unbiased	97.648	97.594	-0.054
93	100	LDR-Unbiased	97.676	97.599	-0.077
94	100	LDR-Unbiased	97.66	97.632	-0.028
95	100	LDR-Unbiased	97.672	97.616	-0.056
96	100	LDR-Unbiased	97.658	97.619	-0.039
106	50	LDR-Biased	97.662	97.75	0.088
108	50	LDR-Biased	97.675	97.683	0.008
109	50	LDR-Biased	97.671	97.689	0.018
110	50	LDR-Biased	97.671	97.714	0.043
111	50	LDR-Biased	97.676	97.687	0.011
112	50	LDR-Unbiased	97.642	97.671	0.029
113	50	LDR-Unbiased	97.7	97.666	-0.034
115	50	LDR-Unbiased	97.662	97.658	-0.004
116	50	LDR-Unbiased	97.659	97.654	-0.005
117	50	LDR-Unbiased	97.659	97.679	0.02

Test Statistics (%)

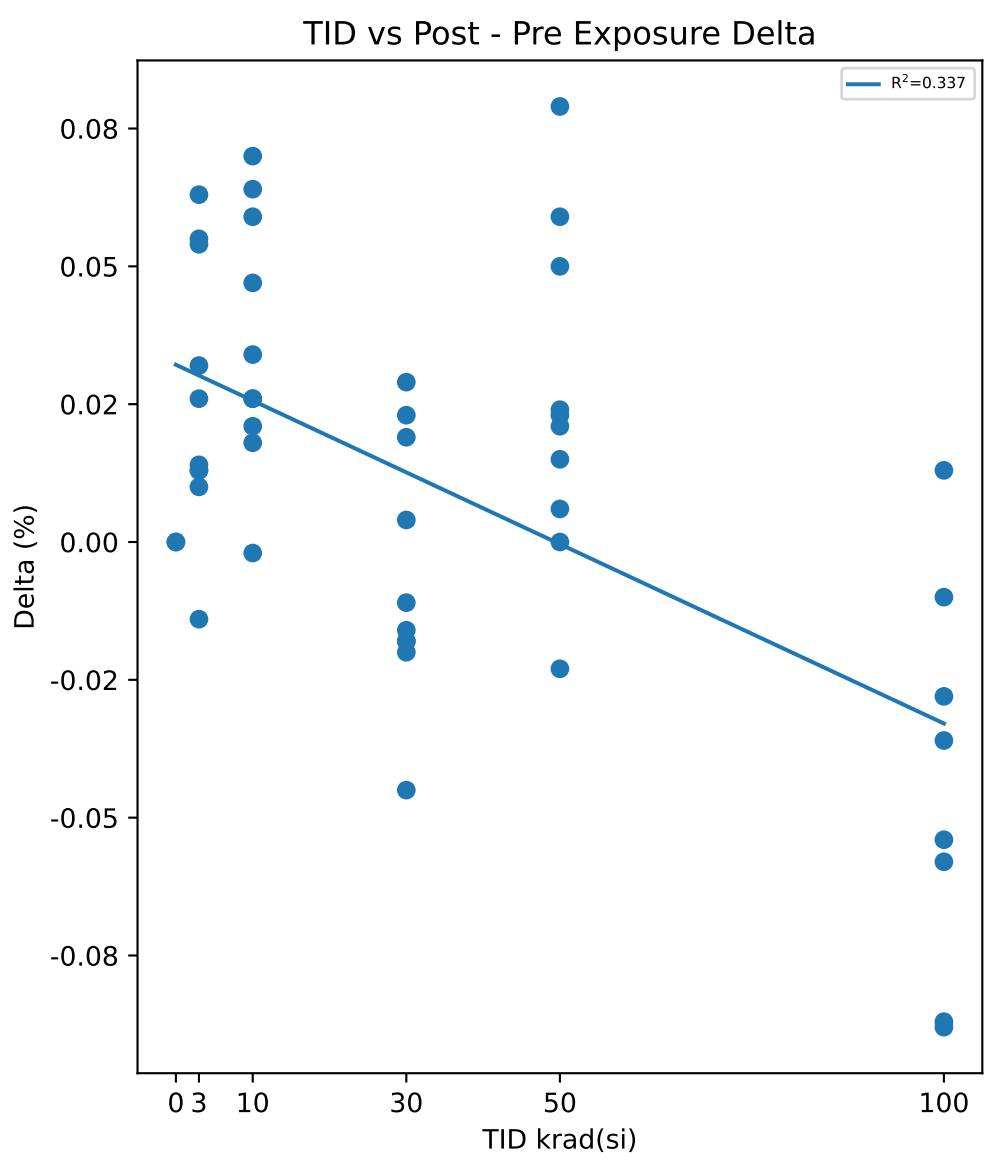
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.656	97.669	97.683	0.019092	97.656	97.669	97.683	0.019092	0	0	0	0
3	97.642	97.668	97.7	0.015144	97.672	97.692	97.73	0.01794	-0.019	0.0248	0.068	0.024787
10	97.642	97.668	97.7	0.015144	97.675	97.698	97.73	0.016821	-0.013	0.0298	0.068	0.023799
30	97.642	97.668	97.7	0.015144	97.633	97.653	97.687	0.017255	-0.058	-0.0145	0.025	0.023848
50	97.642	97.668	97.7	0.015144	97.654	97.685	97.75	0.028622	-0.034	0.0174	0.088	0.032511
100	97.648	97.665	97.683	0.012635	97.592	97.621	97.661	0.026619	-0.091	-0.04375	0.011	0.033018

Device Test: 6.37 VOH_2mA_EN4/EN4/1.6/14/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

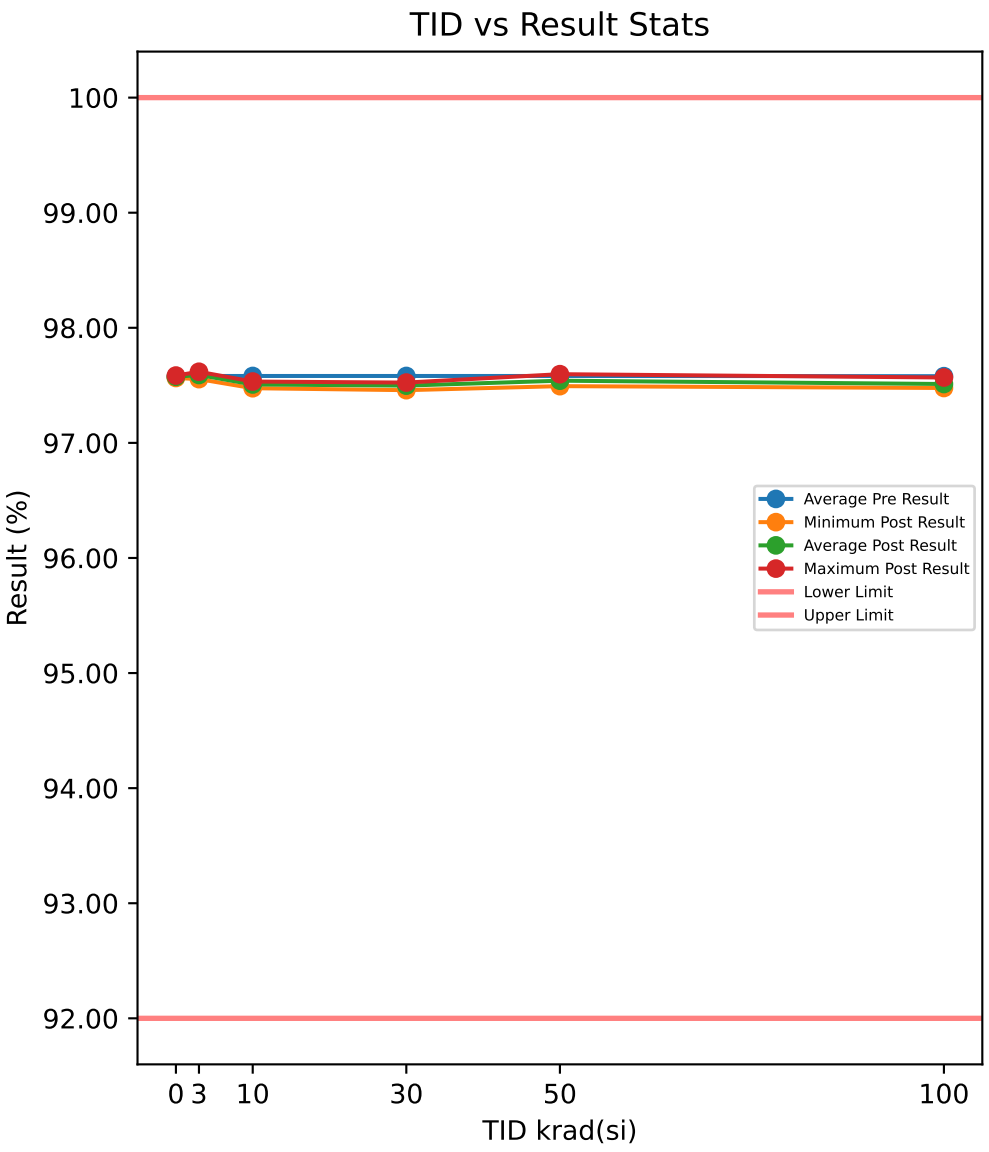
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.74	97.74	0
7	0	Correlation	97.771	97.771	0
16	3	LDR-Biased	97.742	97.797	0.055
18	3	LDR-Biased	97.752	97.778	0.026
19	3	LDR-Biased	97.753	97.766	0.013
20	3	LDR-Biased	97.75	97.804	0.054
21	3	LDR-Biased	97.764	97.774	0.01
22	3	LDR-Unbiased	97.72	97.783	0.063
23	3	LDR-Unbiased	97.775	97.761	-0.014
25	3	LDR-Unbiased	97.746	97.76	0.014
26	3	LDR-Unbiased	97.746	97.759	0.013
27	3	LDR-Unbiased	97.745	97.777	0.032
46	10	LDR-Biased	97.742	97.801	0.059
48	10	LDR-Biased	97.752	97.786	0.034
49	10	LDR-Biased	97.753	97.779	0.026
50	10	LDR-Biased	97.75	97.814	0.064
51	10	LDR-Biased	97.764	97.782	0.018
52	10	LDR-Unbiased	97.72	97.79	0.07
53	10	LDR-Unbiased	97.775	97.773	-0.002
55	10	LDR-Unbiased	97.746	97.767	0.021
56	10	LDR-Unbiased	97.746	97.772	0.026
57	10	LDR-Unbiased	97.745	97.792	0.047
76	30	LDR-Biased	97.742	97.761	0.019
78	30	LDR-Biased	97.752	97.736	-0.016
79	30	LDR-Biased	97.753	97.735	-0.018
80	30	LDR-Biased	97.75	97.773	0.023
81	30	LDR-Biased	97.764	97.753	-0.011
82	30	LDR-Unbiased	97.72	97.749	0.029
83	30	LDR-Unbiased	97.775	97.73	-0.045
84	30	LDR-Unbiased	97.745	97.749	0.004
85	30	LDR-Unbiased	97.746	97.726	-0.02
86	30	LDR-Unbiased	97.746	97.728	-0.018
87	100	LDR-Biased	97.763	97.675	-0.088
88	100	LDR-Biased	97.731	97.744	0.013
90	100	LDR-Biased	97.749	97.739	-0.01
91	100	LDR-Unbiased	97.726	97.672	-0.054
93	100	LDR-Unbiased	97.764	97.677	-0.087
94	100	LDR-Unbiased	97.741	97.713	-0.028
95	100	LDR-Unbiased	97.763	97.705	-0.058
96	100	LDR-Unbiased	97.744	97.708	-0.036
106	50	LDR-Biased	97.742	97.821	0.079
108	50	LDR-Biased	97.752	97.775	0.023
109	50	LDR-Biased	97.753	97.774	0.021
110	50	LDR-Biased	97.75	97.809	0.059
111	50	LDR-Biased	97.764	97.779	0.015
112	50	LDR-Unbiased	97.72	97.77	0.05
113	50	LDR-Unbiased	97.775	97.752	-0.023
115	50	LDR-Unbiased	97.746	97.752	0.006
116	50	LDR-Unbiased	97.746	97.746	0
117	50	LDR-Unbiased	97.745	97.769	0.024

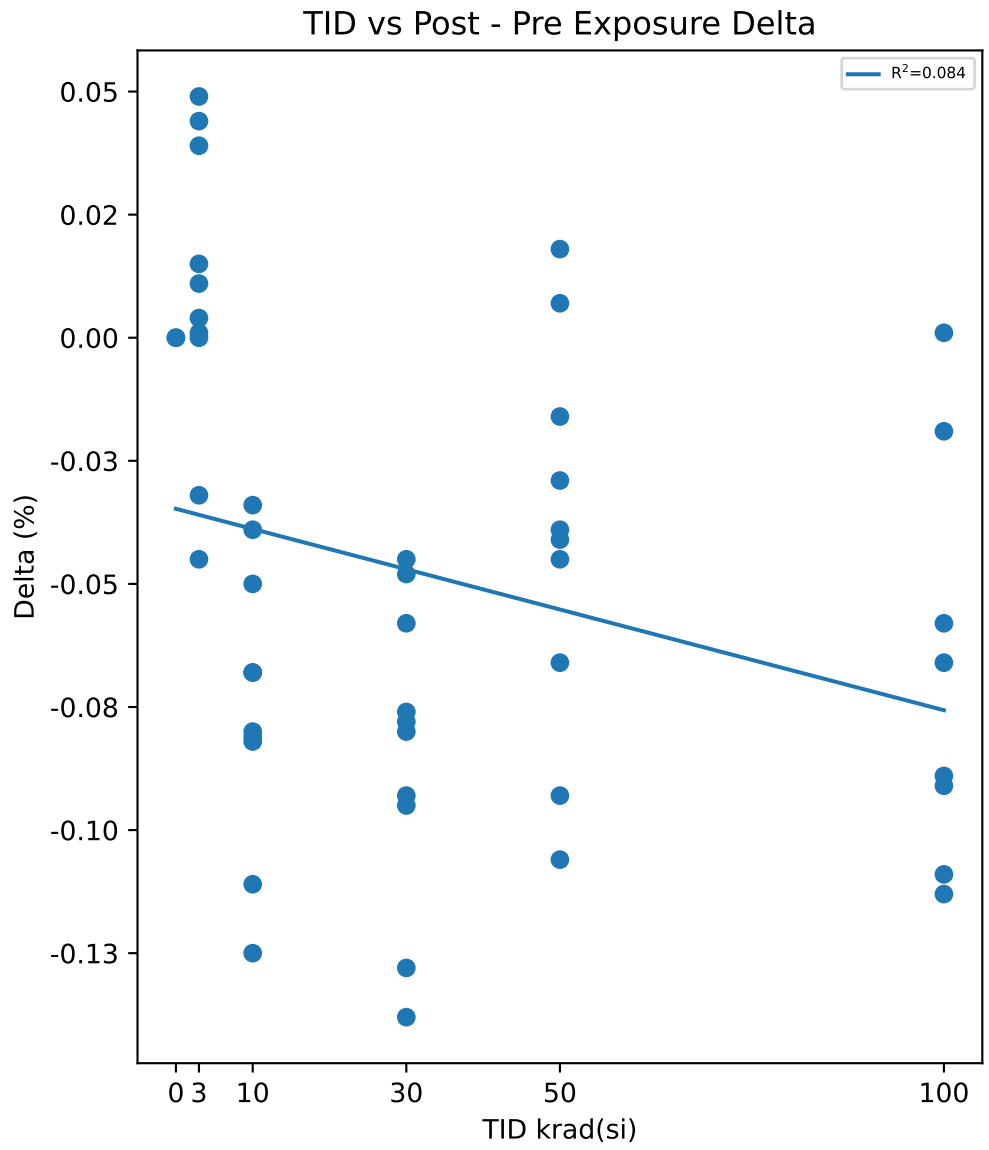


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.74	97.755	97.771	0.02192	97.74	97.755	97.771	0.02192	0	0	0	0
3	97.72	97.749	97.775	0.014338	97.759	97.776	97.804	0.015466	-0.014	0.0266	0.063	0.024414
10	97.72	97.749	97.775	0.014338	97.767	97.786	97.814	0.014339	-0.002	0.0363	0.07	0.023061
30	97.72	97.749	97.775	0.014338	97.726	97.744	97.773	0.015571	-0.045	-0.0053	0.029	0.023372
50	97.72	97.749	97.775	0.014338	97.746	97.775	97.821	0.024148	-0.023	0.0254	0.079	0.030012
100	97.726	97.748	97.764	0.014851	97.672	97.704	97.744	0.028074	-0.088	-0.0435	0.013	0.035464

Device Test: 6.38 VOH_2mA_SEQ/SEQ_DONE/1.6/14/0/0/2/@VOH_SEQ_DONE_2MA





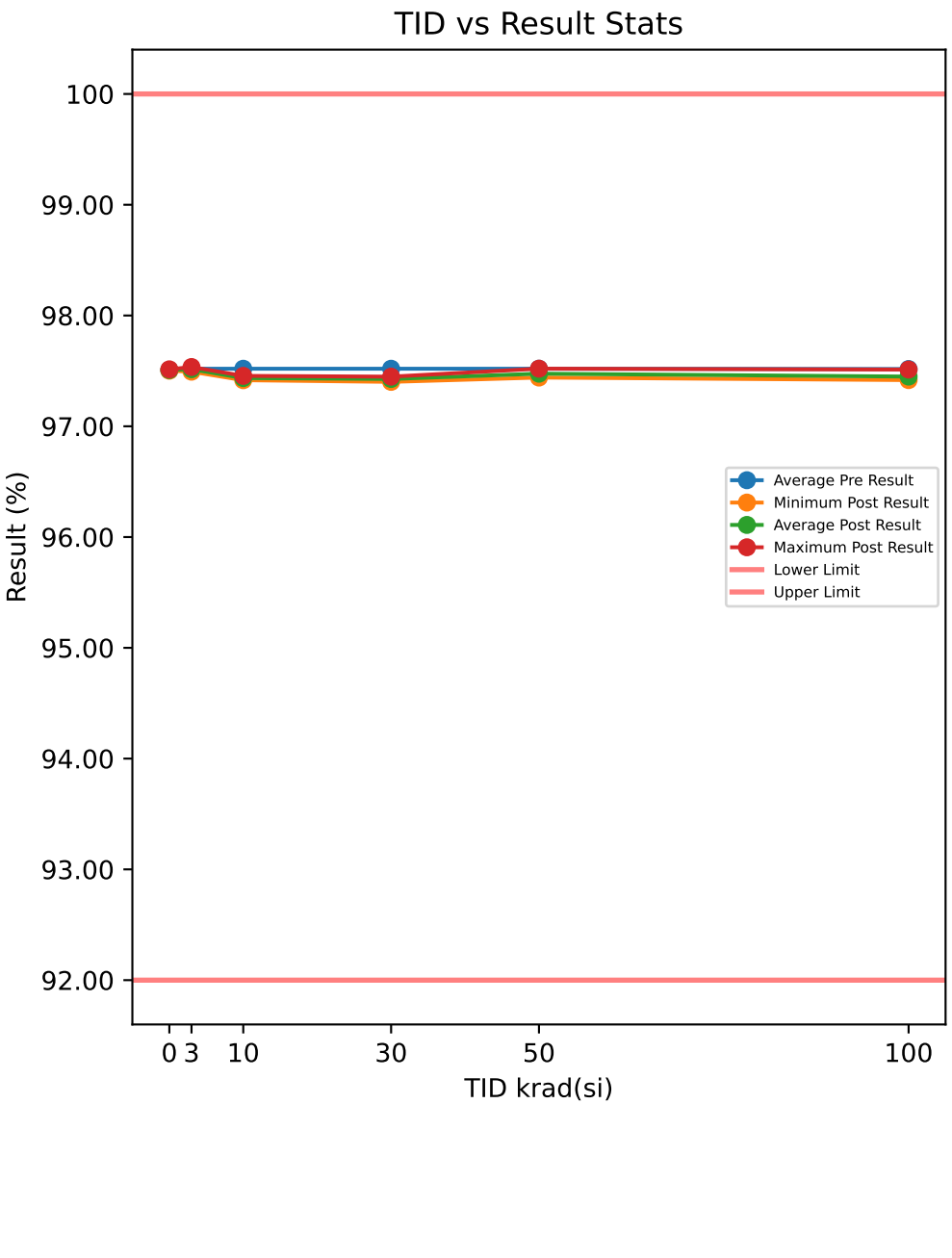
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.564	97.564	0
7	0	Correlation	97.585	97.585	0
16	3	LDR-Biased	97.579	97.618	0.039
18	3	LDR-Biased	97.587	97.591	0.004
19	3	LDR-Biased	97.577	97.588	0.011
20	3	LDR-Biased	97.572	97.616	0.044
21	3	LDR-Biased	97.593	97.594	0.001
22	3	LDR-Unbiased	97.558	97.607	0.049
23	3	LDR-Unbiased	97.616	97.571	-0.045
25	3	LDR-Unbiased	97.586	97.554	-0.032
26	3	LDR-Unbiased	97.574	97.574	0
27	3	LDR-Unbiased	97.572	97.587	0.015
46	10	LDR-Biased	97.579	97.529	-0.05
48	10	LDR-Biased	97.587	97.506	-0.081
49	10	LDR-Biased	97.577	97.509	-0.068
50	10	LDR-Biased	97.572	97.533	-0.039
51	10	LDR-Biased	97.593	97.511	-0.082
52	10	LDR-Unbiased	97.558	97.524	-0.034
53	10	LDR-Unbiased	97.616	97.491	-0.125
55	10	LDR-Unbiased	97.586	97.475	-0.111
56	10	LDR-Unbiased	97.574	97.494	-0.08
57	10	LDR-Unbiased	97.572	97.504	-0.068
76	30	LDR-Biased	97.579	97.521	-0.058
78	30	LDR-Biased	97.587	97.492	-0.095
79	30	LDR-Biased	97.577	97.497	-0.08
80	30	LDR-Biased	97.572	97.524	-0.048
81	30	LDR-Biased	97.593	97.515	-0.078
82	30	LDR-Unbiased	97.558	97.513	-0.045
83	30	LDR-Unbiased	97.616	97.478	-0.138
84	30	LDR-Unbiased	97.572	97.496	-0.076
85	30	LDR-Unbiased	97.586	97.458	-0.128
86	30	LDR-Unbiased	97.574	97.481	-0.093
87	100	LDR-Biased	97.589	97.48	-0.109
88	100	LDR-Biased	97.567	97.568	0.001
90	100	LDR-Biased	97.582	97.563	-0.019
91	100	LDR-Unbiased	97.566	97.477	-0.089
93	100	LDR-Unbiased	97.593	97.48	-0.113
94	100	LDR-Unbiased	97.577	97.519	-0.058
95	100	LDR-Unbiased	97.593	97.502	-0.091
96	100	LDR-Unbiased	97.57	97.504	-0.066
106	50	LDR-Biased	97.579	97.597	0.018
108	50	LDR-Biased	97.587	97.546	-0.041
109	50	LDR-Biased	97.577	97.548	-0.029
110	50	LDR-Biased	97.572	97.579	0.007
111	50	LDR-Biased	97.593	97.554	-0.039
112	50	LDR-Unbiased	97.558	97.542	-0.016
113	50	LDR-Unbiased	97.616	97.51	-0.106
115	50	LDR-Unbiased	97.586	97.493	-0.093
116	50	LDR-Unbiased	97.574	97.508	-0.066
117	50	LDR-Unbiased	97.572	97.527	-0.045

Test Statistics (%)

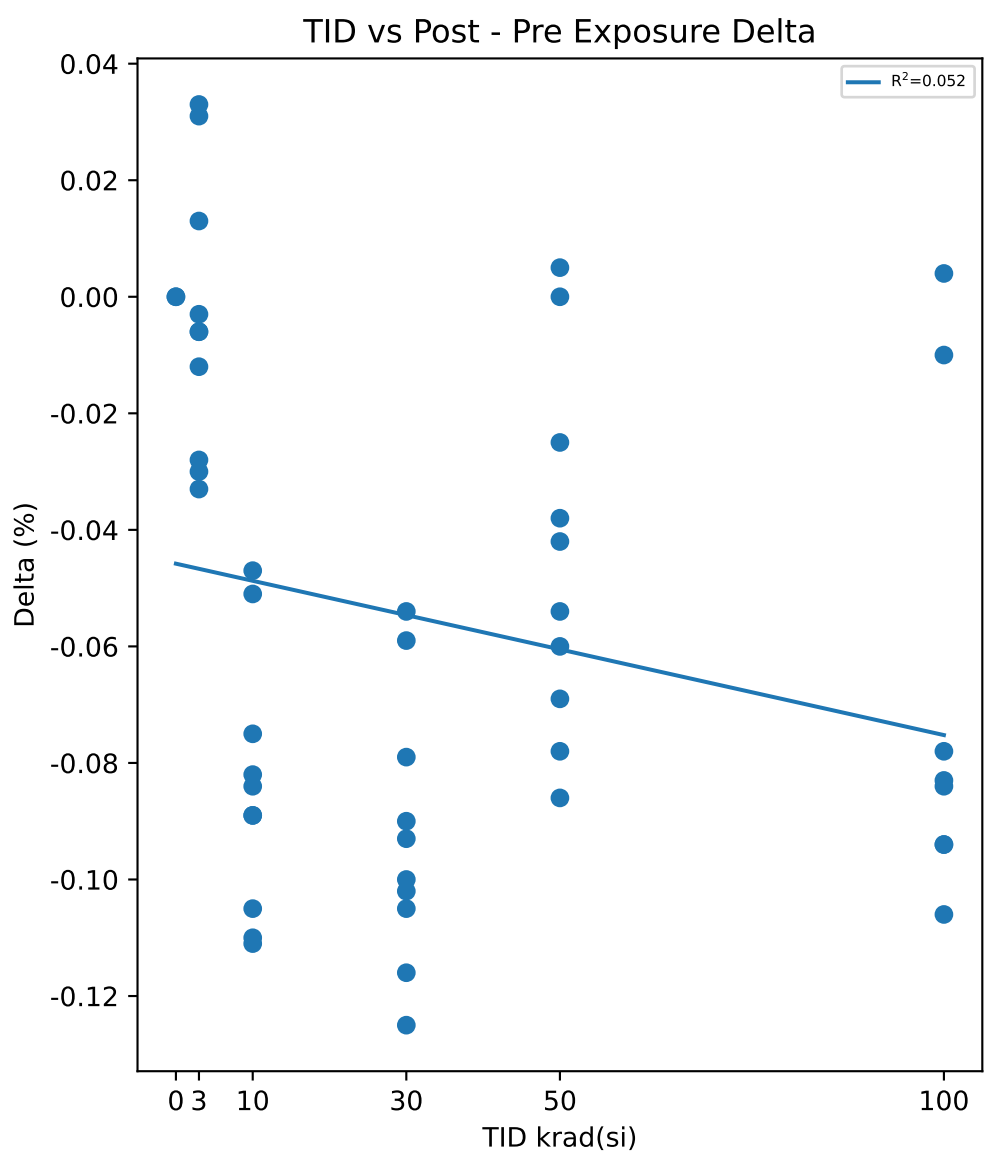
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.564	97.575	97.585	0.014849	97.564	97.575	97.585	0.014849	0	0	0	0
3	97.558	97.581	97.616	0.015593	97.554	97.59	97.618	0.020254	-0.045	0.0086	0.049	0.030787
10	97.558	97.581	97.616	0.015593	97.475	97.508	97.533	0.018026	-0.125	-0.0738	-0.034	0.029043
30	97.558	97.581	97.616	0.015593	97.458	97.498	97.524	0.021204	-0.138	-0.0839	-0.045	0.031025
50	97.558	97.581	97.616	0.015593	97.493	97.54	97.597	0.032267	-0.106	-0.041	0.018	0.03962
100	97.566	97.58	97.593	0.011313	97.477	97.512	97.568	0.036296	-0.113	-0.068	0.001	0.041304

Device Test: 6.39 VOH_2mA_PWRGD/PWRGD/1.6/14/0/0/2/@VOH_PWRGD_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	97.502	97.502	0
7	0	Correlation	97.514	97.514	0
16	3	LDR-Biased	97.52	97.533	0.013
18	3	LDR-Biased	97.522	97.516	-0.006
19	3	LDR-Biased	97.522	97.516	-0.006
20	3	LDR-Biased	97.502	97.535	0.033
21	3	LDR-Biased	97.536	97.506	-0.03
22	3	LDR-Unbiased	97.503	97.534	0.031
23	3	LDR-Unbiased	97.537	97.509	-0.028
25	3	LDR-Unbiased	97.526	97.493	-0.033
26	3	LDR-Unbiased	97.514	97.502	-0.012
27	3	LDR-Unbiased	97.513	97.51	-0.003
46	10	LDR-Biased	97.52	97.445	-0.075
48	10	LDR-Biased	97.522	97.433	-0.089
49	10	LDR-Biased	97.522	97.438	-0.084
50	10	LDR-Biased	97.502	97.455	-0.047
51	10	LDR-Biased	97.536	97.425	-0.111
52	10	LDR-Unbiased	97.503	97.452	-0.051
53	10	LDR-Unbiased	97.537	97.432	-0.105
55	10	LDR-Unbiased	97.526	97.416	-0.11
56	10	LDR-Unbiased	97.514	97.425	-0.089
57	10	LDR-Unbiased	97.513	97.431	-0.082
76	30	LDR-Biased	97.52	97.441	-0.079
78	30	LDR-Biased	97.522	97.422	-0.1
79	30	LDR-Biased	97.522	97.429	-0.093
80	30	LDR-Biased	97.502	97.448	-0.054
81	30	LDR-Biased	97.536	97.431	-0.105
82	30	LDR-Unbiased	97.503	97.444	-0.059
83	30	LDR-Unbiased	97.537	97.421	-0.116
84	30	LDR-Unbiased	97.513	97.423	-0.09
85	30	LDR-Unbiased	97.526	97.401	-0.125
86	30	LDR-Unbiased	97.514	97.412	-0.102
87	100	LDR-Biased	97.519	97.425	-0.094
88	100	LDR-Biased	97.508	97.512	0.004
90	100	LDR-Biased	97.517	97.507	-0.01
91	100	LDR-Unbiased	97.511	97.417	-0.094
93	100	LDR-Unbiased	97.536	97.43	-0.106
94	100	LDR-Unbiased	97.518	97.44	-0.078
95	100	LDR-Unbiased	97.515	97.431	-0.084
96	100	LDR-Unbiased	97.511	97.428	-0.083
106	50	LDR-Biased	97.52	97.52	0
108	50	LDR-Biased	97.522	97.48	-0.042
109	50	LDR-Biased	97.522	97.484	-0.038
110	50	LDR-Biased	97.502	97.507	0.005
111	50	LDR-Biased	97.536	97.476	-0.06
112	50	LDR-Unbiased	97.503	97.478	-0.025
113	50	LDR-Unbiased	97.537	97.459	-0.078
115	50	LDR-Unbiased	97.526	97.44	-0.086
116	50	LDR-Unbiased	97.514	97.445	-0.069
117	50	LDR-Unbiased	97.513	97.459	-0.054

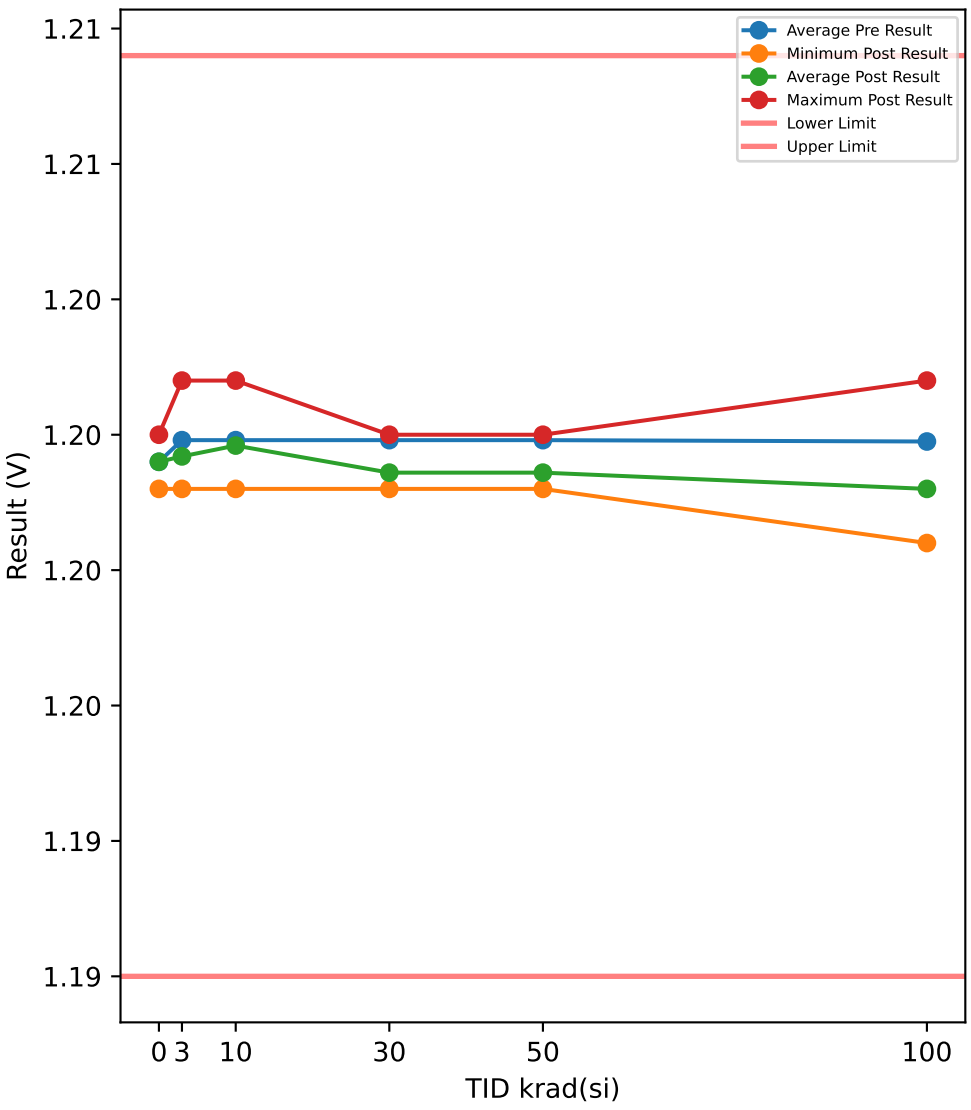


Test Statistics (%)

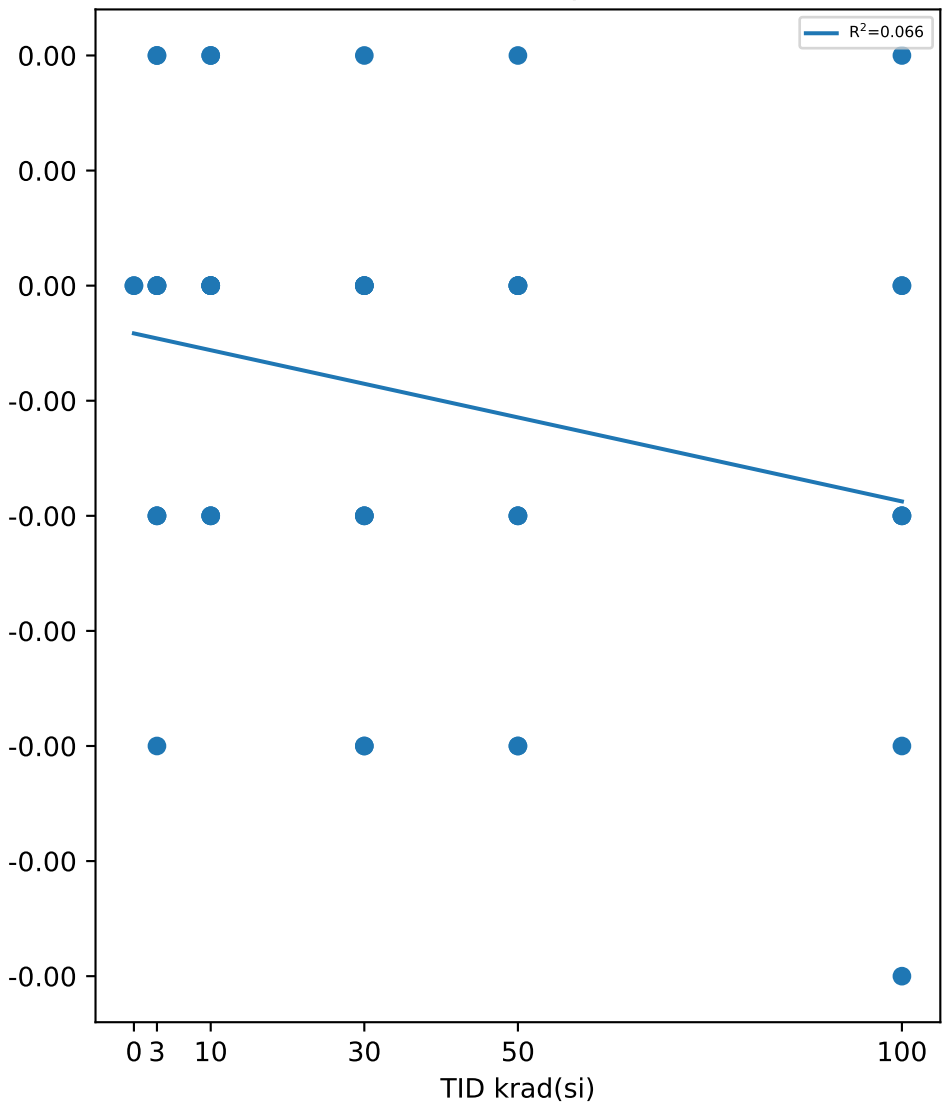
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	97.502	97.508	97.514	0.0084853	97.502	97.508	97.514	0.0084853	0	0	0	0
3	97.502	97.52	97.537	0.011947	97.493	97.515	97.535	0.014455	-0.033	-0.0041	0.033	0.023685
10	97.502	97.52	97.537	0.011947	97.416	97.435	97.455	0.012417	-0.111	-0.0843	-0.047	0.022206
30	97.502	97.52	97.537	0.011947	97.401	97.427	97.448	0.01462	-0.125	-0.0923	-0.054	0.022862
50	97.502	97.52	97.537	0.011947	97.44	97.475	97.52	0.025389	-0.086	-0.0447	0.005	0.030973
100	97.508	97.517	97.536	0.0086427	97.417	97.449	97.512	0.038059	-0.106	-0.068125	0.004	0.041274

Device Test: 6.4 REFCAP/REFCAP//3/0/0/0/@REFCAP

TID vs Result Stats



TID vs Post - Pre Exposure Delta



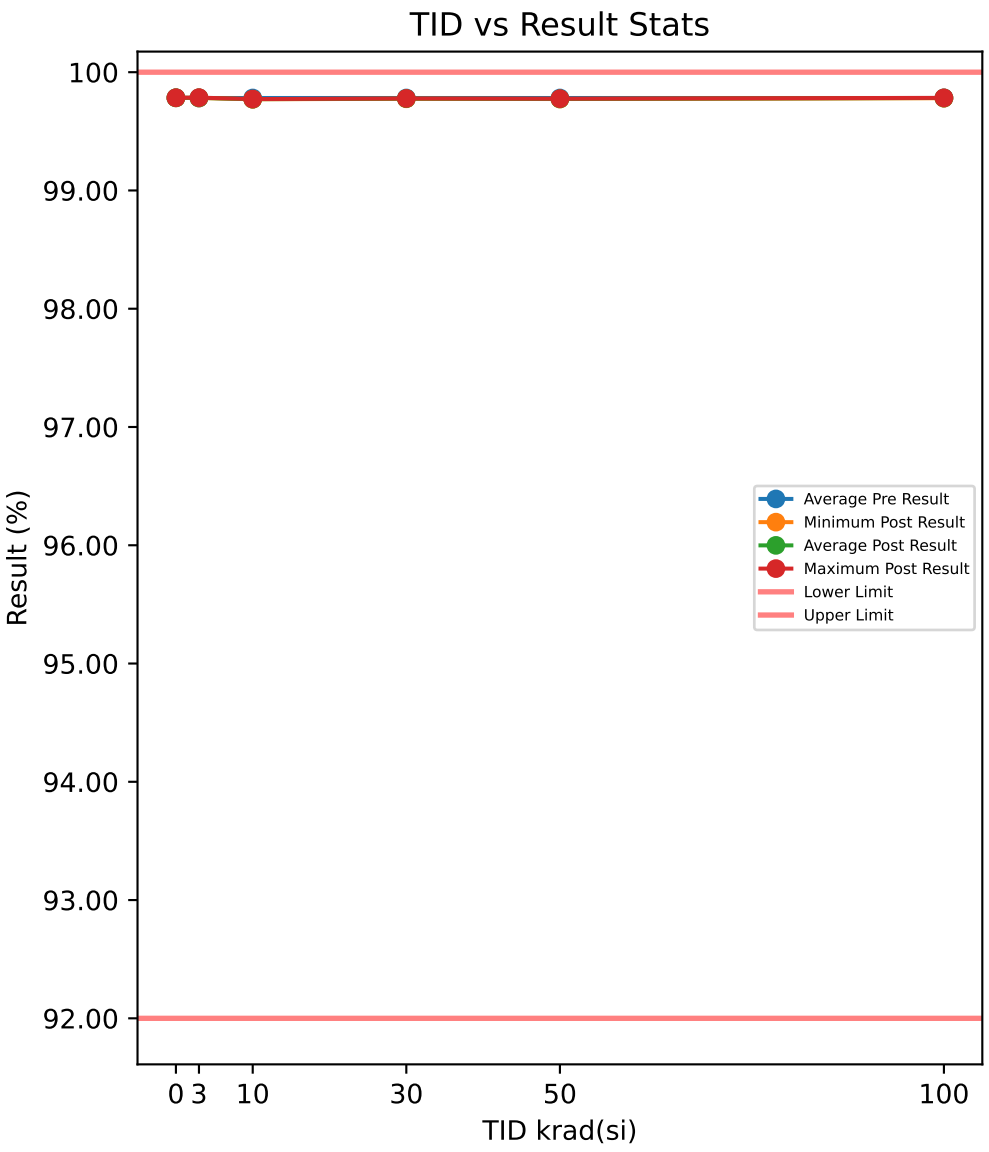
Test Results (Lower Limit = 1.19, Upper Limit = 1.207 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.199	1.199	0
7	0	Correlation	1.2	1.2	0
16	3	LDR-Biased	1.2	1.199	-0.001
18	3	LDR-Biased	1.199	1.199	0
19	3	LDR-Biased	1.2	1.201	0.001
20	3	LDR-Biased	1.199	1.199	0
21	3	LDR-Biased	1.2	1.2	0
22	3	LDR-Unbiased	1.199	1.199	0
23	3	LDR-Unbiased	1.199	1.2	0.001
25	3	LDR-Unbiased	1.201	1.2	-0.001
26	3	LDR-Unbiased	1.201	1.199	-0.002
27	3	LDR-Unbiased	1.201	1.2	-0.001
46	10	LDR-Biased	1.2	1.2	0
48	10	LDR-Biased	1.199	1.199	0
49	10	LDR-Biased	1.2	1.201	0.001
50	10	LDR-Biased	1.199	1.199	0
51	10	LDR-Biased	1.2	1.199	-0.001
52	10	LDR-Unbiased	1.199	1.199	0
53	10	LDR-Unbiased	1.199	1.2	0.001
55	10	LDR-Unbiased	1.201	1.201	0
56	10	LDR-Unbiased	1.201	1.2	-0.001
57	10	LDR-Unbiased	1.201	1.2	-0.001
76	30	LDR-Biased	1.2	1.199	-0.001
78	30	LDR-Biased	1.199	1.199	0
79	30	LDR-Biased	1.2	1.2	0
80	30	LDR-Biased	1.199	1.199	0
81	30	LDR-Biased	1.2	1.199	-0.001
82	30	LDR-Unbiased	1.199	1.199	0
83	30	LDR-Unbiased	1.199	1.2	0.001
84	30	LDR-Unbiased	1.201	1.199	-0.002
85	30	LDR-Unbiased	1.201	1.2	-0.001
86	30	LDR-Unbiased	1.201	1.199	-0.002
87	100	LDR-Biased	1.2	1.199	-0.001
88	100	LDR-Biased	1.2	1.199	-0.001
90	100	LDR-Biased	1.199	1.199	0
91	100	LDR-Unbiased	1.199	1.199	0
93	100	LDR-Unbiased	1.2	1.201	0.001
94	100	LDR-Unbiased	1.2	1.198	-0.002
95	100	LDR-Unbiased	1.2	1.199	-0.001
96	100	LDR-Unbiased	1.201	1.198	-0.003
106	50	LDR-Biased	1.2	1.199	-0.001
108	50	LDR-Biased	1.199	1.199	0
109	50	LDR-Biased	1.2	1.2	0
110	50	LDR-Biased	1.199	1.199	0
111	50	LDR-Biased	1.2	1.199	-0.001
112	50	LDR-Unbiased	1.199	1.199	0
113	50	LDR-Unbiased	1.199	1.2	0.001
115	50	LDR-Unbiased	1.201	1.2	-0.001
116	50	LDR-Unbiased	1.201	1.199	-0.002
117	50	LDR-Unbiased	1.201	1.199	-0.002

Test Statistics (V)

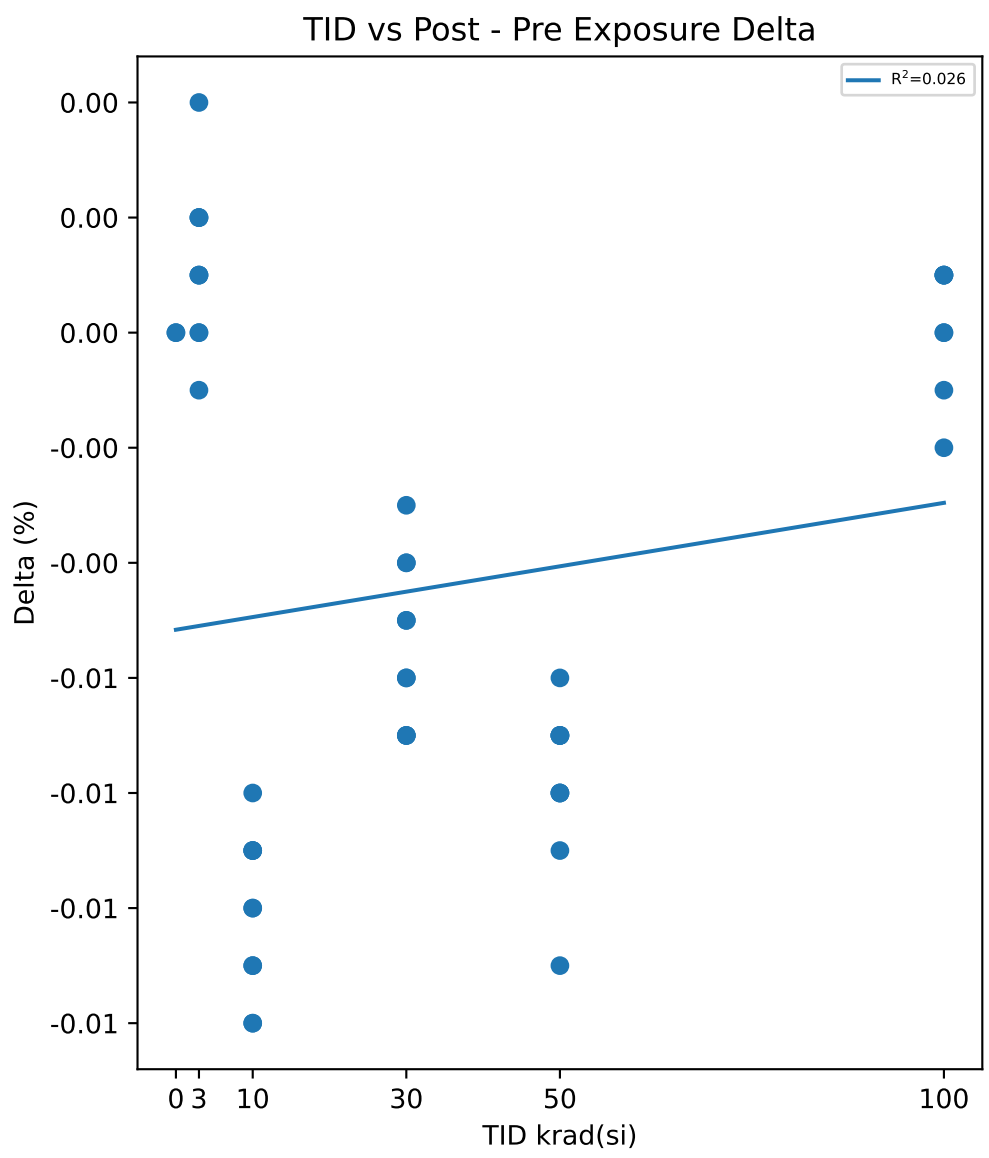
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.199	1.1995	1.2	0.00070711	1.199	1.1995	1.2	0.00070711	0	0	0	0
3	1.199	1.1999	1.201	0.0008756	1.199	1.1996	1.201	0.00069921	-0.002	-0.0003	0.001	0.00094868
10	1.199	1.1999	1.201	0.0008756	1.199	1.1998	1.201	0.00078881	-0.001	-0.0001	0.001	0.00073786
30	1.199	1.1999	1.201	0.0008756	1.199	1.1993	1.2	0.00048305	-0.002	-0.0006	0.001	0.00096609
50	1.199	1.1999	1.201	0.0008756	1.199	1.1993	1.2	0.00048305	-0.002	-0.0006	0.001	0.00096609
100	1.199	1.1999	1.201	0.00064087	1.198	1.199	1.201	0.00092582	-0.003	-0.000875	0.001	0.0012464

Device Test: 6.40 VOH_2mA_EN1/EN1/7/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

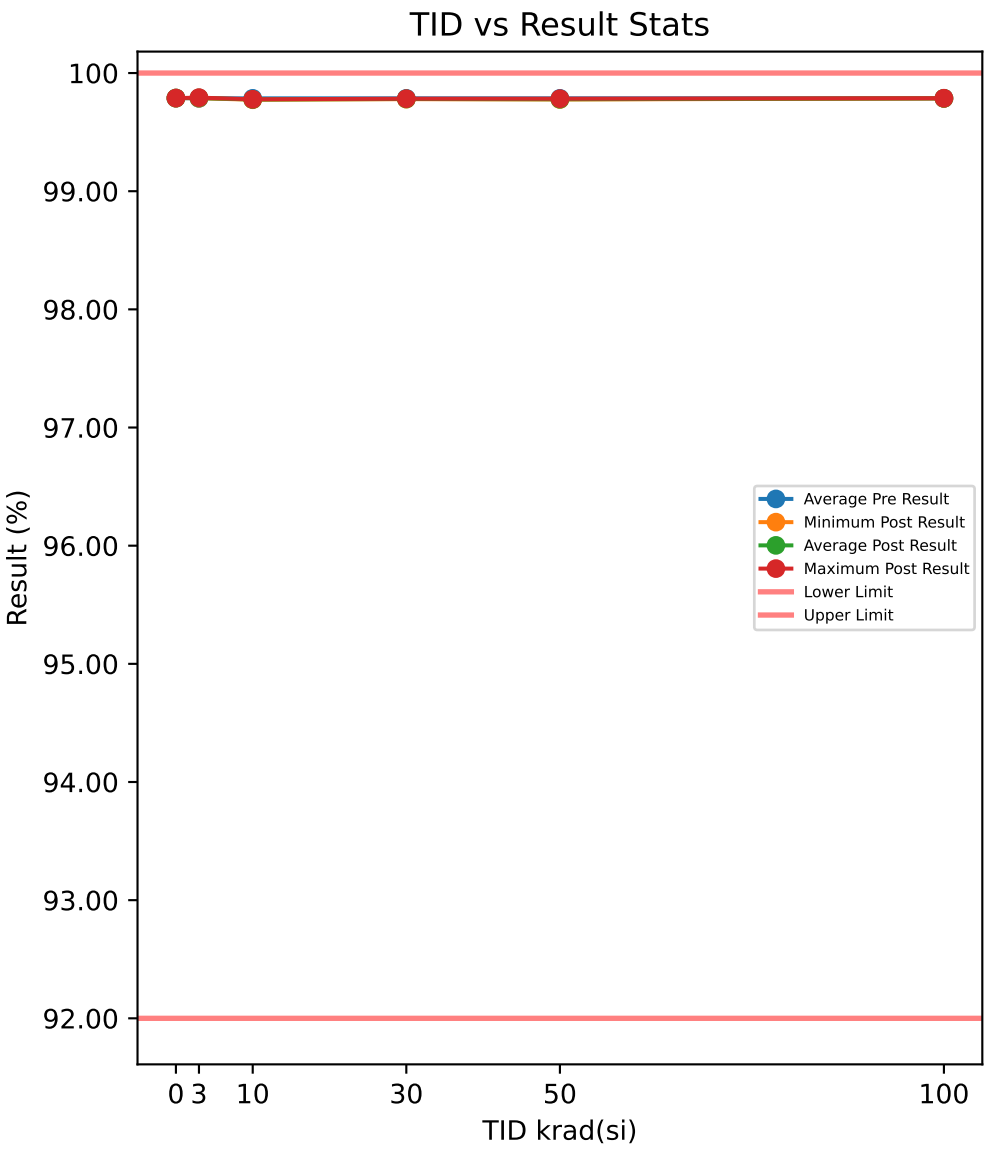
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.784	99.784	0
7	0	Correlation	99.783	99.783	0
16	3	LDR-Biased	99.783	99.783	0
18	3	LDR-Biased	99.782	99.783	0.001
19	3	LDR-Biased	99.781	99.783	0.002
20	3	LDR-Biased	99.782	99.783	0.001
21	3	LDR-Biased	99.784	99.783	-0.001
22	3	LDR-Unbiased	99.781	99.785	0.004
23	3	LDR-Unbiased	99.783	99.783	0
25	3	LDR-Unbiased	99.781	99.783	0.002
26	3	LDR-Unbiased	99.781	99.782	0.001
27	3	LDR-Unbiased	99.781	99.783	0.002
46	10	LDR-Biased	99.783	99.771	-0.012
48	10	LDR-Biased	99.782	99.771	-0.011
49	10	LDR-Biased	99.781	99.772	-0.009
50	10	LDR-Biased	99.782	99.772	-0.01
51	10	LDR-Biased	99.784	99.772	-0.012
52	10	LDR-Unbiased	99.781	99.773	-0.008
53	10	LDR-Unbiased	99.783	99.772	-0.011
55	10	LDR-Unbiased	99.781	99.771	-0.01
56	10	LDR-Unbiased	99.781	99.772	-0.009
57	10	LDR-Unbiased	99.781	99.772	-0.009
76	30	LDR-Biased	99.783	99.776	-0.007
78	30	LDR-Biased	99.782	99.775	-0.007
79	30	LDR-Biased	99.781	99.776	-0.005
80	30	LDR-Biased	99.782	99.776	-0.006
81	30	LDR-Biased	99.784	99.777	-0.007
82	30	LDR-Unbiased	99.781	99.778	-0.003
83	30	LDR-Unbiased	99.783	99.777	-0.006
84	30	LDR-Unbiased	99.781	99.777	-0.004
85	30	LDR-Unbiased	99.781	99.777	-0.004
86	30	LDR-Unbiased	99.781	99.776	-0.005
87	100	LDR-Biased	99.782	99.783	0.001
88	100	LDR-Biased	99.782	99.783	0.001
90	100	LDR-Biased	99.781	99.782	0.001
91	100	LDR-Unbiased	99.782	99.782	0
93	100	LDR-Unbiased	99.784	99.782	-0.002
94	100	LDR-Unbiased	99.782	99.782	0
95	100	LDR-Unbiased	99.781	99.782	0.001
96	100	LDR-Unbiased	99.781	99.78	-0.001
106	50	LDR-Biased	99.783	99.776	-0.007
108	50	LDR-Biased	99.782	99.774	-0.008
109	50	LDR-Biased	99.781	99.774	-0.007
110	50	LDR-Biased	99.782	99.775	-0.007
111	50	LDR-Biased	99.784	99.773	-0.011
112	50	LDR-Unbiased	99.781	99.775	-0.006
113	50	LDR-Unbiased	99.783	99.774	-0.009
115	50	LDR-Unbiased	99.781	99.774	-0.007
116	50	LDR-Unbiased	99.781	99.773	-0.008
117	50	LDR-Unbiased	99.781	99.773	-0.008



Test Statistics (%)

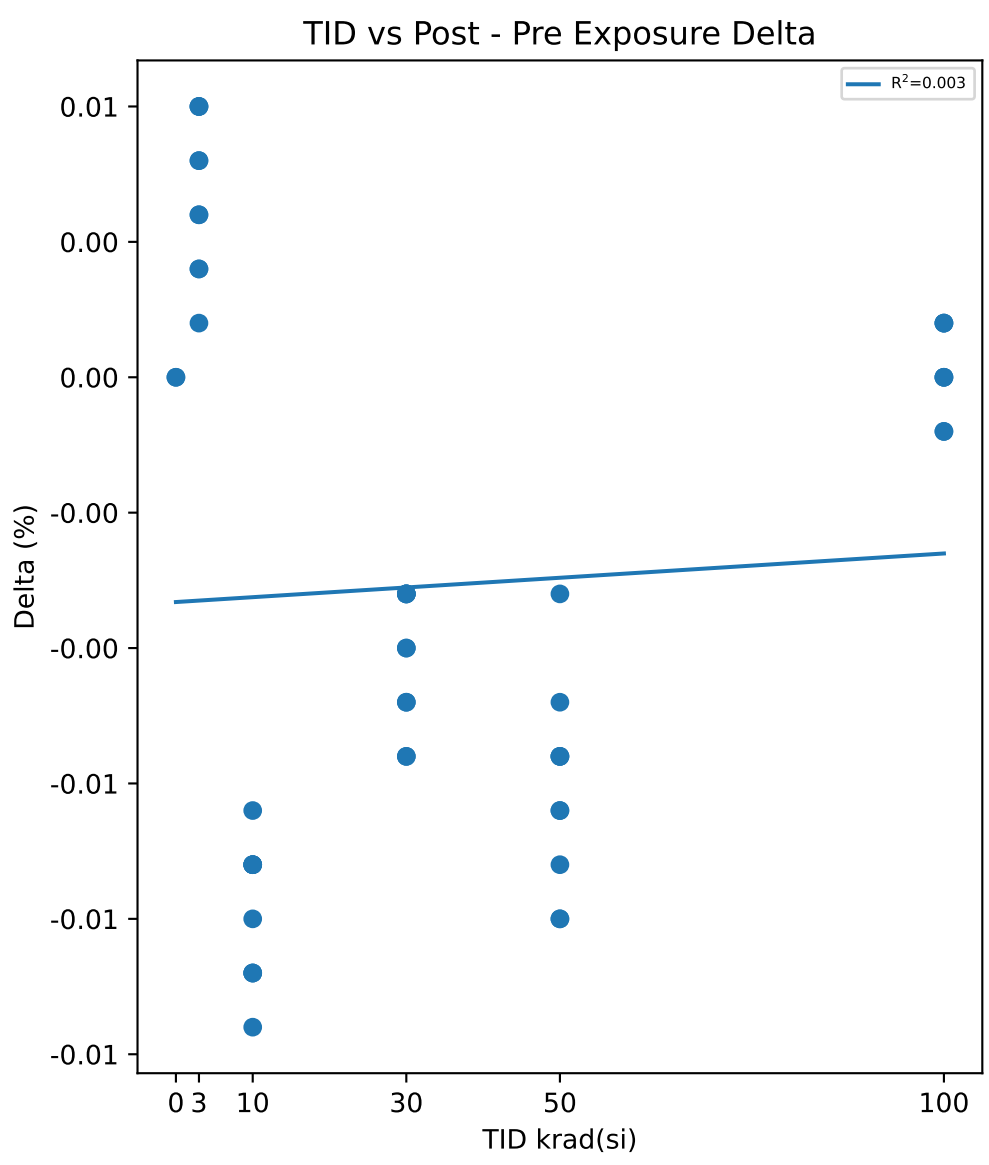
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.783	99.784	99.784	0.00070711	99.783	99.784	99.784	0.00070711	0	0	0	0
3	99.781	99.782	99.784	0.0011005	99.782	99.783	99.785	0.00073786	-0.001	0.0012	0.004	0.0013984
10	99.781	99.782	99.784	0.0011005	99.771	99.772	99.773	0.00063246	-0.012	-0.0101	-0.008	0.0013703
30	99.781	99.782	99.784	0.0011005	99.775	99.776	99.778	0.00084984	-0.007	-0.0054	-0.003	0.0014298
50	99.781	99.782	99.784	0.0011005	99.773	99.774	99.776	0.00099443	-0.011	-0.0078	-0.006	0.0013984
100	99.781	99.782	99.784	0.00099103	99.78	99.782	99.783	0.00092582	-0.002	0.000125	0.001	0.001126

Device Test: 6.41 VOH_2mA_EN2/EN2/7/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

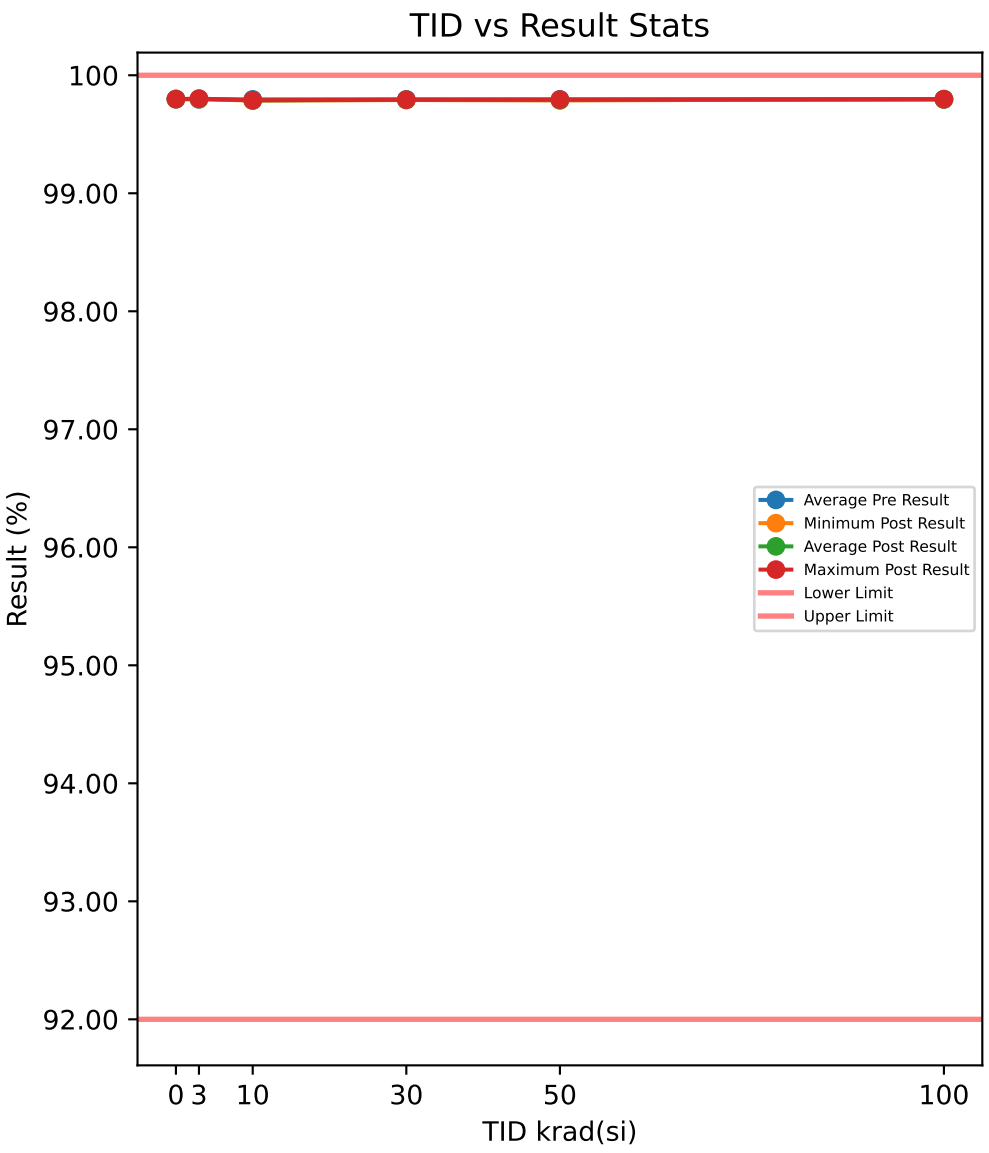
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.788	99.788	0
7	0	Correlation	99.788	99.788	0
16	3	LDR-Biased	99.787	99.792	0.005
18	3	LDR-Biased	99.787	99.79	0.003
19	3	LDR-Biased	99.785	99.789	0.004
20	3	LDR-Biased	99.786	99.791	0.005
21	3	LDR-Biased	99.787	99.789	0.002
22	3	LDR-Unbiased	99.785	99.79	0.005
23	3	LDR-Unbiased	99.788	99.789	0.001
25	3	LDR-Unbiased	99.785	99.787	0.002
26	3	LDR-Unbiased	99.784	99.787	0.003
27	3	LDR-Unbiased	99.785	99.789	0.004
46	10	LDR-Biased	99.787	99.778	-0.009
48	10	LDR-Biased	99.787	99.776	-0.011
49	10	LDR-Biased	99.785	99.776	-0.009
50	10	LDR-Biased	99.786	99.778	-0.008
51	10	LDR-Biased	99.787	99.776	-0.011
52	10	LDR-Unbiased	99.785	99.776	-0.009
53	10	LDR-Unbiased	99.788	99.776	-0.012
55	10	LDR-Unbiased	99.785	99.774	-0.011
56	10	LDR-Unbiased	99.784	99.774	-0.01
57	10	LDR-Unbiased	99.785	99.776	-0.009
76	30	LDR-Biased	99.787	99.783	-0.004
78	30	LDR-Biased	99.787	99.78	-0.007
79	30	LDR-Biased	99.785	99.78	-0.005
80	30	LDR-Biased	99.786	99.782	-0.004
81	30	LDR-Biased	99.787	99.781	-0.006
82	30	LDR-Unbiased	99.785	99.781	-0.004
83	30	LDR-Unbiased	99.788	99.781	-0.007
84	30	LDR-Unbiased	99.785	99.781	-0.004
85	30	LDR-Unbiased	99.785	99.779	-0.006
86	30	LDR-Unbiased	99.784	99.779	-0.005
87	100	LDR-Biased	99.787	99.787	0
88	100	LDR-Biased	99.786	99.786	0
90	100	LDR-Biased	99.787	99.786	-0.001
91	100	LDR-Unbiased	99.785	99.786	0.001
93	100	LDR-Unbiased	99.787	99.786	-0.001
94	100	LDR-Unbiased	99.786	99.787	0.001
95	100	LDR-Unbiased	99.785	99.786	0.001
96	100	LDR-Unbiased	99.785	99.785	0
106	50	LDR-Biased	99.787	99.783	-0.004
108	50	LDR-Biased	99.787	99.779	-0.008
109	50	LDR-Biased	99.785	99.778	-0.007
110	50	LDR-Biased	99.786	99.78	-0.006
111	50	LDR-Biased	99.787	99.777	-0.01
112	50	LDR-Unbiased	99.785	99.778	-0.007
113	50	LDR-Unbiased	99.788	99.778	-0.01
115	50	LDR-Unbiased	99.785	99.776	-0.009
116	50	LDR-Unbiased	99.784	99.776	-0.008
117	50	LDR-Unbiased	99.785	99.778	-0.007



Test Statistics (%)

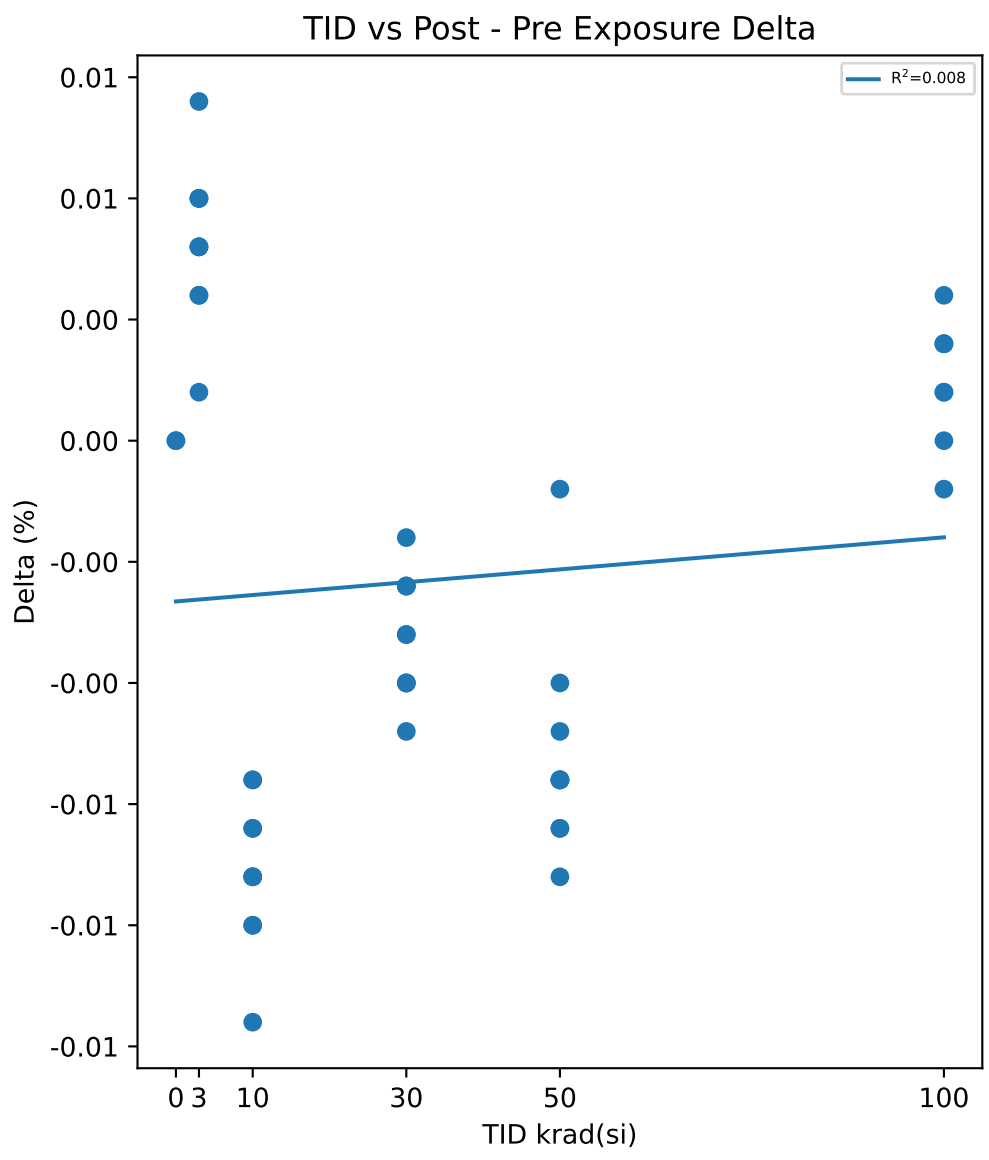
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.788	99.788	99.788	0	99.788	99.788	99.788	0	0	0	0	0
3	99.784	99.786	99.788	0.0012867	99.787	99.789	99.792	0.001567	0.001	0.0034	0.005	0.0014298
10	99.784	99.786	99.788	0.0012867	99.774	99.776	99.778	0.0013333	-0.012	-0.0099	-0.008	0.0012867
30	99.784	99.786	99.788	0.0012867	99.779	99.781	99.783	0.0012517	-0.007	-0.0052	-0.004	0.0012293
50	99.784	99.786	99.788	0.0012867	99.776	99.778	99.783	0.0020575	-0.01	-0.0076	-0.004	0.0018379
100	99.785	99.786	99.787	0.00092582	99.785	99.786	99.787	0.00064087	-0.001	0.000125	0.001	0.00083452

Device Test: 6.42 VOH_2mA_EN3/EN3/7/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

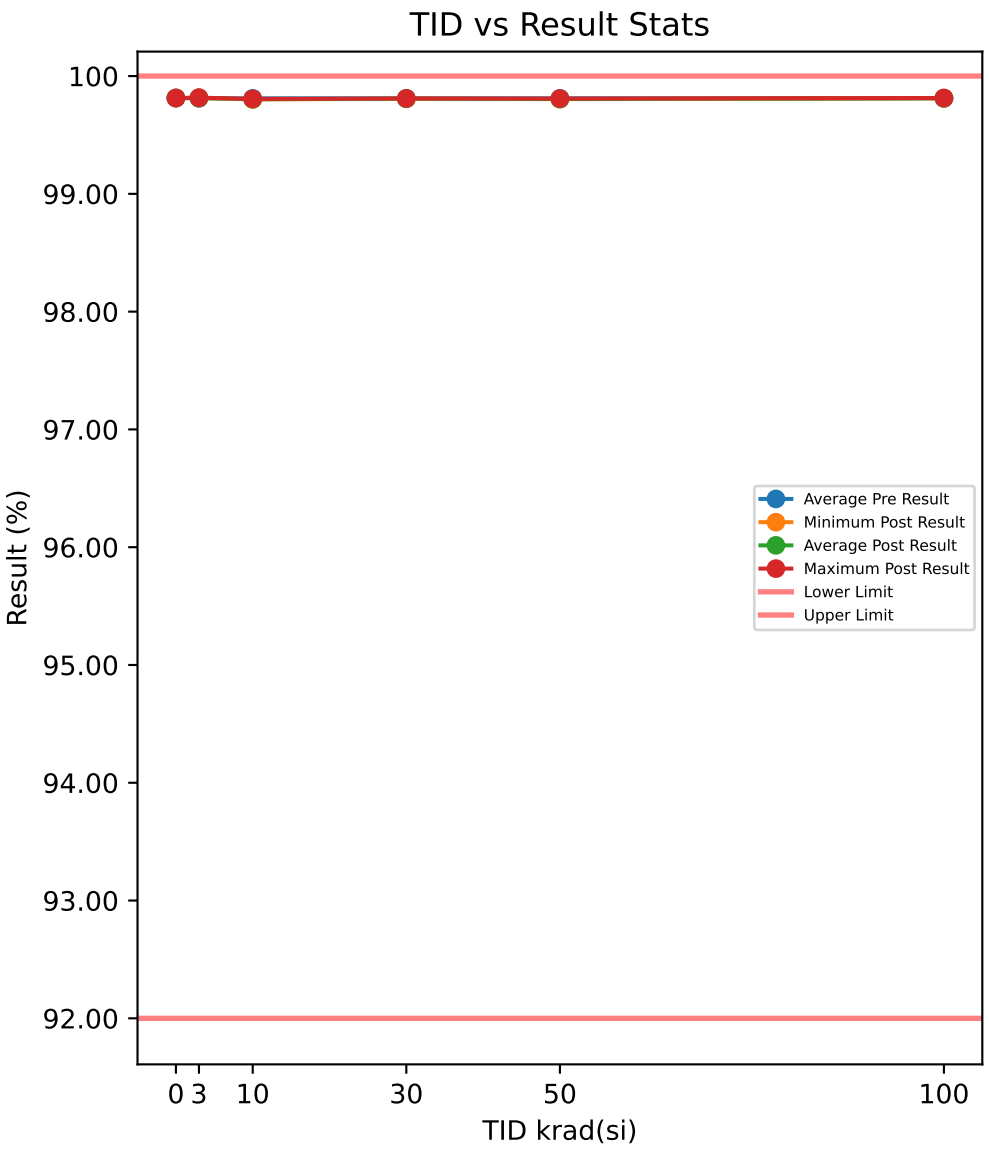
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.798	99.798	0
7	0	Correlation	99.798	99.798	0
16	3	LDR-Biased	99.795	99.802	0.007
18	3	LDR-Biased	99.796	99.8	0.004
19	3	LDR-Biased	99.795	99.799	0.004
20	3	LDR-Biased	99.796	99.801	0.005
21	3	LDR-Biased	99.796	99.799	0.003
22	3	LDR-Unbiased	99.795	99.8	0.005
23	3	LDR-Unbiased	99.798	99.799	0.001
25	3	LDR-Unbiased	99.795	99.798	0.003
26	3	LDR-Unbiased	99.795	99.799	0.004
27	3	LDR-Unbiased	99.795	99.8	0.005
46	10	LDR-Biased	99.795	99.788	-0.007
48	10	LDR-Biased	99.796	99.787	-0.009
49	10	LDR-Biased	99.795	99.786	-0.009
50	10	LDR-Biased	99.796	99.789	-0.007
51	10	LDR-Biased	99.796	99.786	-0.01
52	10	LDR-Unbiased	99.795	99.787	-0.008
53	10	LDR-Unbiased	99.798	99.786	-0.012
55	10	LDR-Unbiased	99.795	99.785	-0.01
56	10	LDR-Unbiased	99.795	99.786	-0.009
57	10	LDR-Unbiased	99.795	99.787	-0.008
76	30	LDR-Biased	99.795	99.793	-0.002
78	30	LDR-Biased	99.796	99.791	-0.005
79	30	LDR-Biased	99.795	99.79	-0.005
80	30	LDR-Biased	99.796	99.793	-0.003
81	30	LDR-Biased	99.796	99.792	-0.004
82	30	LDR-Unbiased	99.795	99.792	-0.003
83	30	LDR-Unbiased	99.798	99.792	-0.006
84	30	LDR-Unbiased	99.795	99.792	-0.003
85	30	LDR-Unbiased	99.795	99.79	-0.005
86	30	LDR-Unbiased	99.795	99.791	-0.004
87	100	LDR-Biased	99.797	99.796	-0.001
88	100	LDR-Biased	99.794	99.796	0.002
90	100	LDR-Biased	99.796	99.796	0
91	100	LDR-Unbiased	99.795	99.796	0.001
93	100	LDR-Unbiased	99.796	99.797	0.001
94	100	LDR-Unbiased	99.795	99.798	0.003
95	100	LDR-Unbiased	99.795	99.797	0.002
96	100	LDR-Unbiased	99.795	99.797	0.002
106	50	LDR-Biased	99.795	99.794	-0.001
108	50	LDR-Biased	99.796	99.789	-0.007
109	50	LDR-Biased	99.795	99.788	-0.007
110	50	LDR-Biased	99.796	99.791	-0.005
111	50	LDR-Biased	99.796	99.788	-0.008
112	50	LDR-Unbiased	99.795	99.789	-0.006
113	50	LDR-Unbiased	99.798	99.789	-0.009
115	50	LDR-Unbiased	99.795	99.787	-0.008
116	50	LDR-Unbiased	99.795	99.788	-0.007
117	50	LDR-Unbiased	99.795	99.788	-0.007



Test Statistics (%)

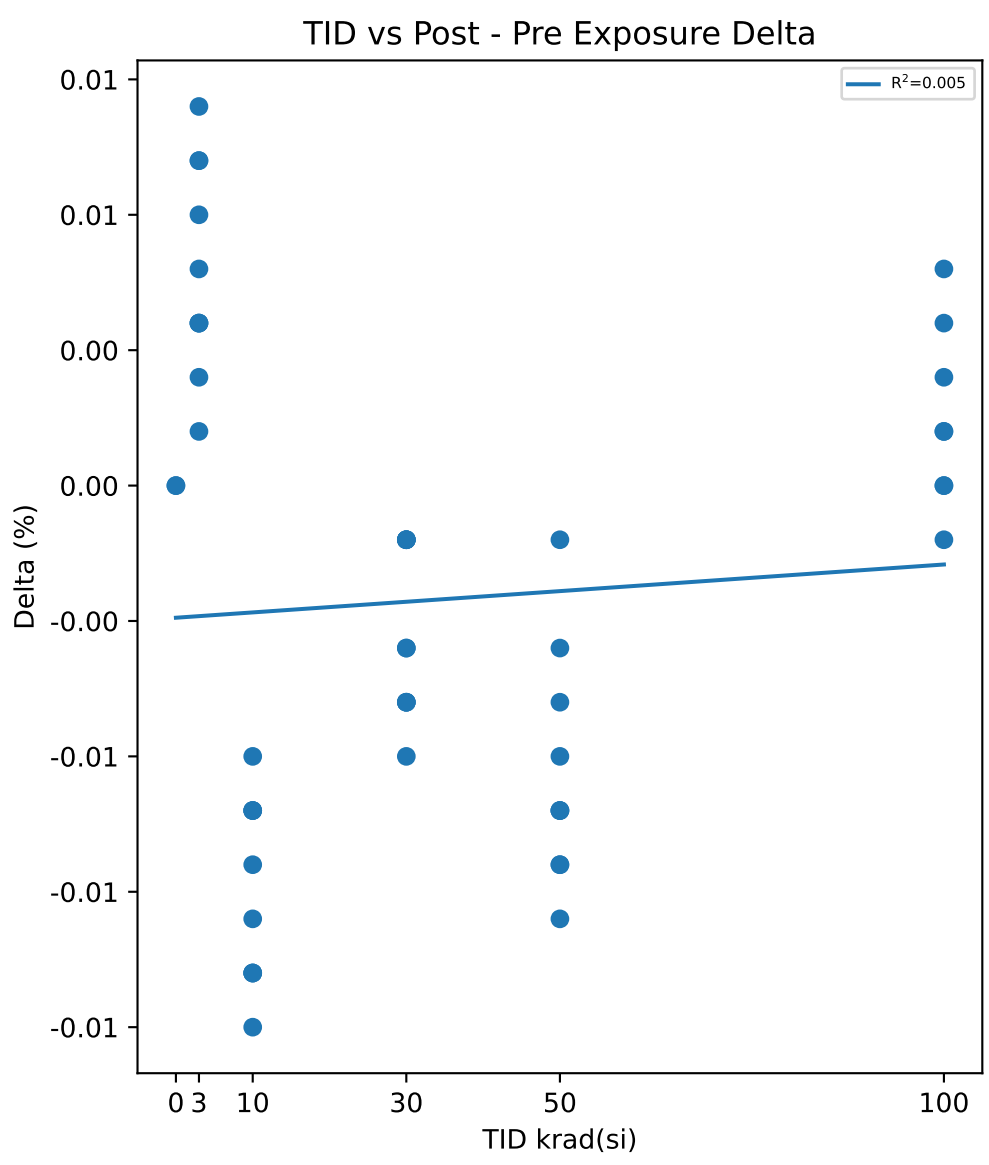
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.798	99.798	99.798	0	99.798	99.798	99.798	0	0	0	0	0
3	99.795	99.796	99.798	0.00096609	99.798	99.8	99.802	0.0011595	0.001	0.0041	0.007	0.0015951
10	99.795	99.796	99.798	0.00096609	99.785	99.787	99.789	0.0011595	-0.012	-0.0089	-0.007	0.0015239
30	99.795	99.796	99.798	0.00096609	99.79	99.792	99.793	0.001075	-0.006	-0.004	-0.002	0.0012472
50	99.795	99.796	99.798	0.00096609	99.787	99.789	99.794	0.0020248	-0.009	-0.0065	-0.001	0.0022236
100	99.794	99.795	99.797	0.00091613	99.796	99.797	99.798	0.00074402	-0.001	0.00125	0.003	0.0012817

Device Test: 6.43 VOH_2mA_EN4/EN4/7/3/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

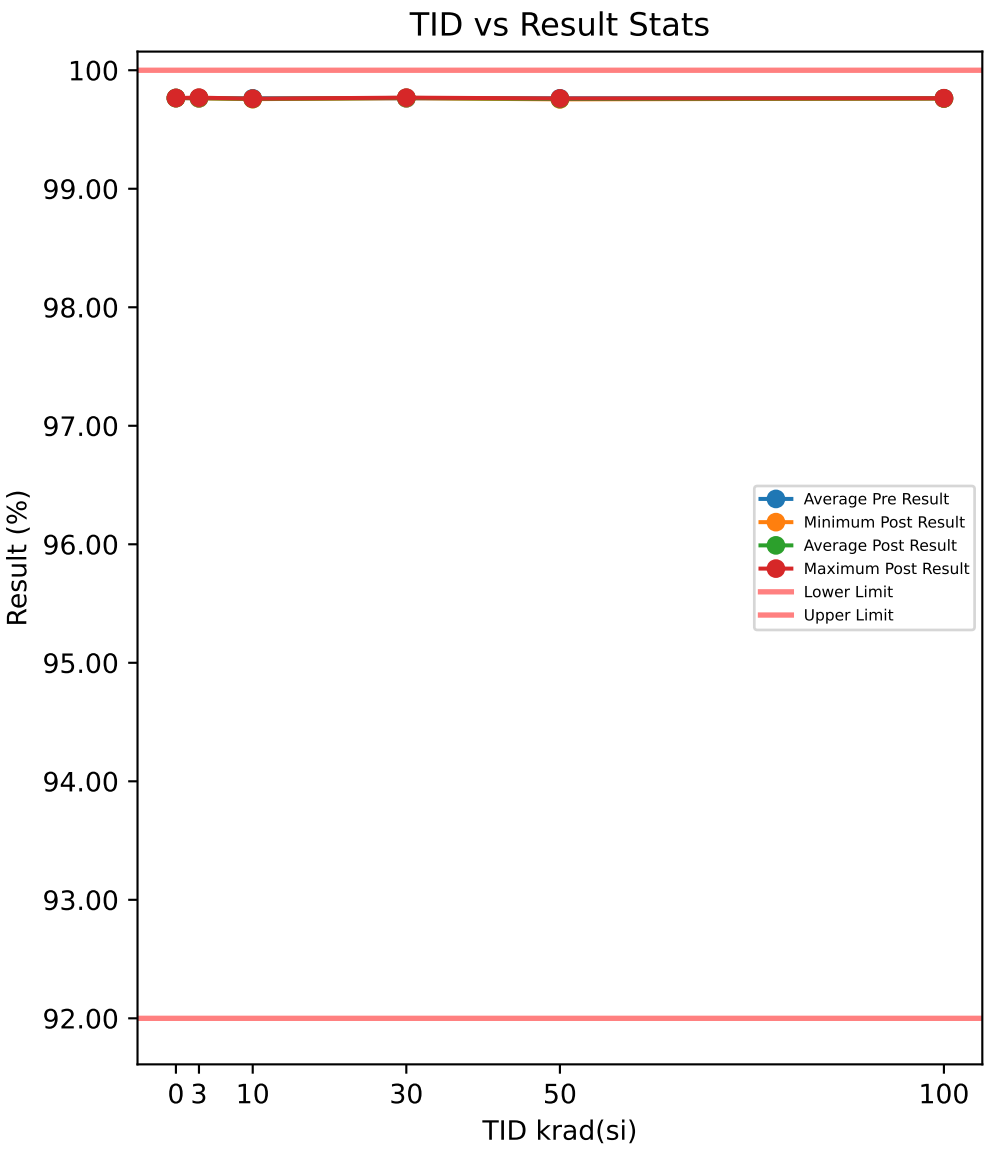
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.813	99.813	0
7	0	Correlation	99.814	99.814	0
16	3	LDR-Biased	99.81	99.817	0.007
18	3	LDR-Biased	99.812	99.815	0.003
19	3	LDR-Biased	99.81	99.814	0.004
20	3	LDR-Biased	99.811	99.817	0.006
21	3	LDR-Biased	99.812	99.814	0.002
22	3	LDR-Unbiased	99.81	99.816	0.006
23	3	LDR-Unbiased	99.813	99.814	0.001
25	3	LDR-Unbiased	99.811	99.814	0.003
26	3	LDR-Unbiased	99.81	99.813	0.003
27	3	LDR-Unbiased	99.81	99.815	0.005
46	10	LDR-Biased	99.81	99.804	-0.006
48	10	LDR-Biased	99.812	99.803	-0.009
49	10	LDR-Biased	99.81	99.803	-0.007
50	10	LDR-Biased	99.811	99.806	-0.005
51	10	LDR-Biased	99.812	99.803	-0.009
52	10	LDR-Unbiased	99.81	99.804	-0.006
53	10	LDR-Unbiased	99.813	99.803	-0.01
55	10	LDR-Unbiased	99.811	99.802	-0.009
56	10	LDR-Unbiased	99.81	99.802	-0.008
57	10	LDR-Unbiased	99.81	99.804	-0.006
76	30	LDR-Biased	99.81	99.809	-0.001
78	30	LDR-Biased	99.812	99.808	-0.004
79	30	LDR-Biased	99.81	99.807	-0.003
80	30	LDR-Biased	99.811	99.81	-0.001
81	30	LDR-Biased	99.812	99.808	-0.004
82	30	LDR-Unbiased	99.81	99.809	-0.001
83	30	LDR-Unbiased	99.813	99.808	-0.005
84	30	LDR-Unbiased	99.81	99.809	-0.001
85	30	LDR-Unbiased	99.811	99.807	-0.004
86	30	LDR-Unbiased	99.81	99.807	-0.003
87	100	LDR-Biased	99.812	99.812	0
88	100	LDR-Biased	99.81	99.811	0.001
90	100	LDR-Biased	99.812	99.811	-0.001
91	100	LDR-Unbiased	99.81	99.812	0.002
93	100	LDR-Unbiased	99.812	99.812	0
94	100	LDR-Unbiased	99.81	99.814	0.004
95	100	LDR-Unbiased	99.811	99.812	0.001
96	100	LDR-Unbiased	99.81	99.813	0.003
106	50	LDR-Biased	99.81	99.809	-0.001
108	50	LDR-Biased	99.812	99.806	-0.006
109	50	LDR-Biased	99.81	99.804	-0.006
110	50	LDR-Biased	99.811	99.808	-0.003
111	50	LDR-Biased	99.812	99.805	-0.007
112	50	LDR-Unbiased	99.81	99.806	-0.004
113	50	LDR-Unbiased	99.813	99.805	-0.008
115	50	LDR-Unbiased	99.811	99.804	-0.007
116	50	LDR-Unbiased	99.81	99.804	-0.006
117	50	LDR-Unbiased	99.81	99.805	-0.005



Test Statistics (%)

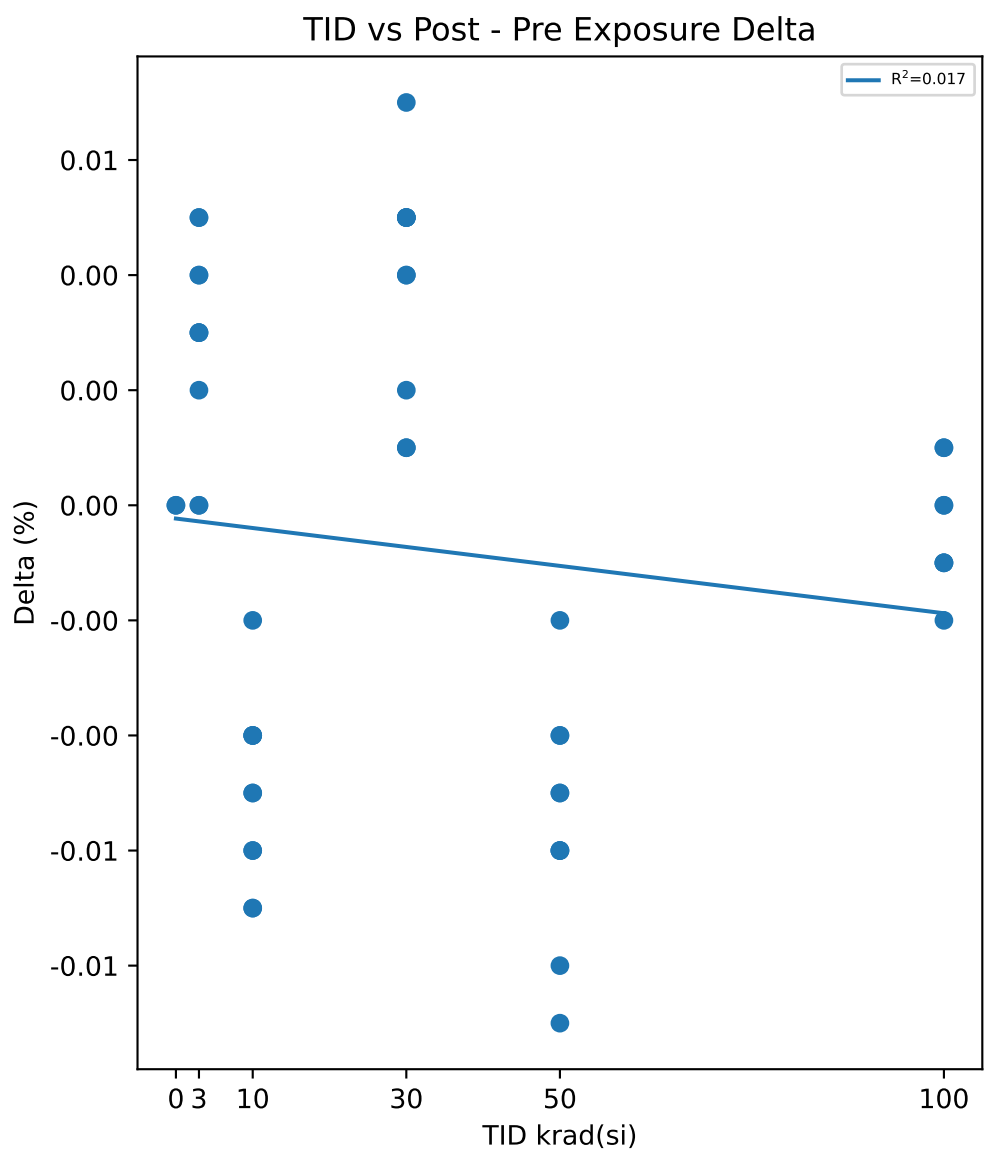
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.813	99.814	99.814	0.00070711	99.813	99.814	99.814	0.00070711	0	0	0	0
3	99.81	99.811	99.813	0.0011005	99.813	99.815	99.817	0.0013703	0.001	0.004	0.007	0.0019437
10	99.81	99.811	99.813	0.0011005	99.802	99.803	99.806	0.0011738	-0.01	-0.0075	-0.005	0.0017159
30	99.81	99.811	99.813	0.0011005	99.807	99.808	99.81	0.0010328	-0.005	-0.0027	-0.001	0.001567
50	99.81	99.811	99.813	0.0011005	99.804	99.806	99.809	0.0017127	-0.008	-0.0053	-0.001	0.0021108
100	99.81	99.811	99.812	0.00099103	99.811	99.812	99.814	0.00099103	-0.001	0.00125	0.004	0.001669

Device Test: 6.44 VOH_2mA_SEQ/SEQ_DONE/7/3/0/0/2/@VOH_SEQ_DONE_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

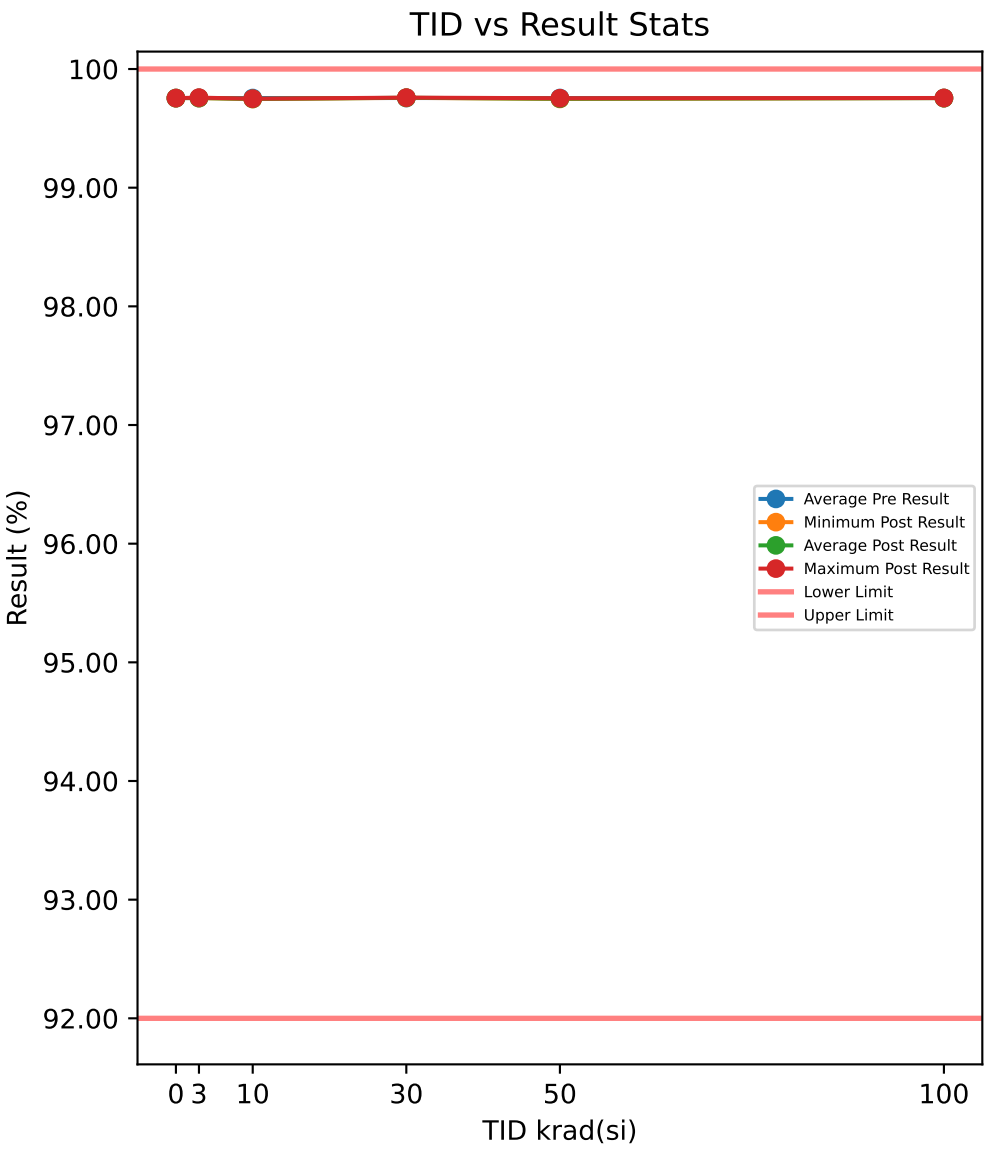
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.765	99.765	0
7	0	Correlation	99.766	99.766	0
16	3	LDR-Biased	99.764	99.769	0.005
18	3	LDR-Biased	99.764	99.767	0.003
19	3	LDR-Biased	99.762	99.766	0.004
20	3	LDR-Biased	99.763	99.767	0.004
21	3	LDR-Biased	99.764	99.766	0.002
22	3	LDR-Unbiased	99.762	99.767	0.005
23	3	LDR-Unbiased	99.765	99.765	0
25	3	LDR-Unbiased	99.763	99.763	0
26	3	LDR-Unbiased	99.762	99.765	0.003
27	3	LDR-Unbiased	99.762	99.765	0.003
46	10	LDR-Biased	99.764	99.76	-0.004
48	10	LDR-Biased	99.764	99.758	-0.006
49	10	LDR-Biased	99.762	99.758	-0.004
50	10	LDR-Biased	99.763	99.759	-0.004
51	10	LDR-Biased	99.764	99.758	-0.006
52	10	LDR-Unbiased	99.762	99.76	-0.002
53	10	LDR-Unbiased	99.765	99.758	-0.007
55	10	LDR-Unbiased	99.763	99.756	-0.007
56	10	LDR-Unbiased	99.762	99.757	-0.005
57	10	LDR-Unbiased	99.762	99.757	-0.005
76	30	LDR-Biased	99.764	99.769	0.005
78	30	LDR-Biased	99.764	99.766	0.002
79	30	LDR-Biased	99.762	99.766	0.004
80	30	LDR-Biased	99.763	99.768	0.005
81	30	LDR-Biased	99.764	99.768	0.004
82	30	LDR-Unbiased	99.762	99.769	0.007
83	30	LDR-Unbiased	99.765	99.766	0.001
84	30	LDR-Unbiased	99.762	99.767	0.005
85	30	LDR-Unbiased	99.763	99.764	0.001
86	30	LDR-Unbiased	99.762	99.767	0.005
87	100	LDR-Biased	99.764	99.763	-0.001
88	100	LDR-Biased	99.763	99.762	-0.001
90	100	LDR-Biased	99.763	99.762	-0.001
91	100	LDR-Unbiased	99.763	99.763	0
93	100	LDR-Unbiased	99.763	99.761	-0.002
94	100	LDR-Unbiased	99.763	99.764	0.001
95	100	LDR-Unbiased	99.763	99.763	0
96	100	LDR-Unbiased	99.762	99.763	0.001
106	50	LDR-Biased	99.764	99.762	-0.002
108	50	LDR-Biased	99.764	99.758	-0.006
109	50	LDR-Biased	99.762	99.757	-0.005
110	50	LDR-Biased	99.763	99.759	-0.004
111	50	LDR-Biased	99.764	99.758	-0.006
112	50	LDR-Unbiased	99.762	99.758	-0.004
113	50	LDR-Unbiased	99.765	99.757	-0.008
115	50	LDR-Unbiased	99.763	99.754	-0.009
116	50	LDR-Unbiased	99.762	99.756	-0.006
117	50	LDR-Unbiased	99.762	99.757	-0.005

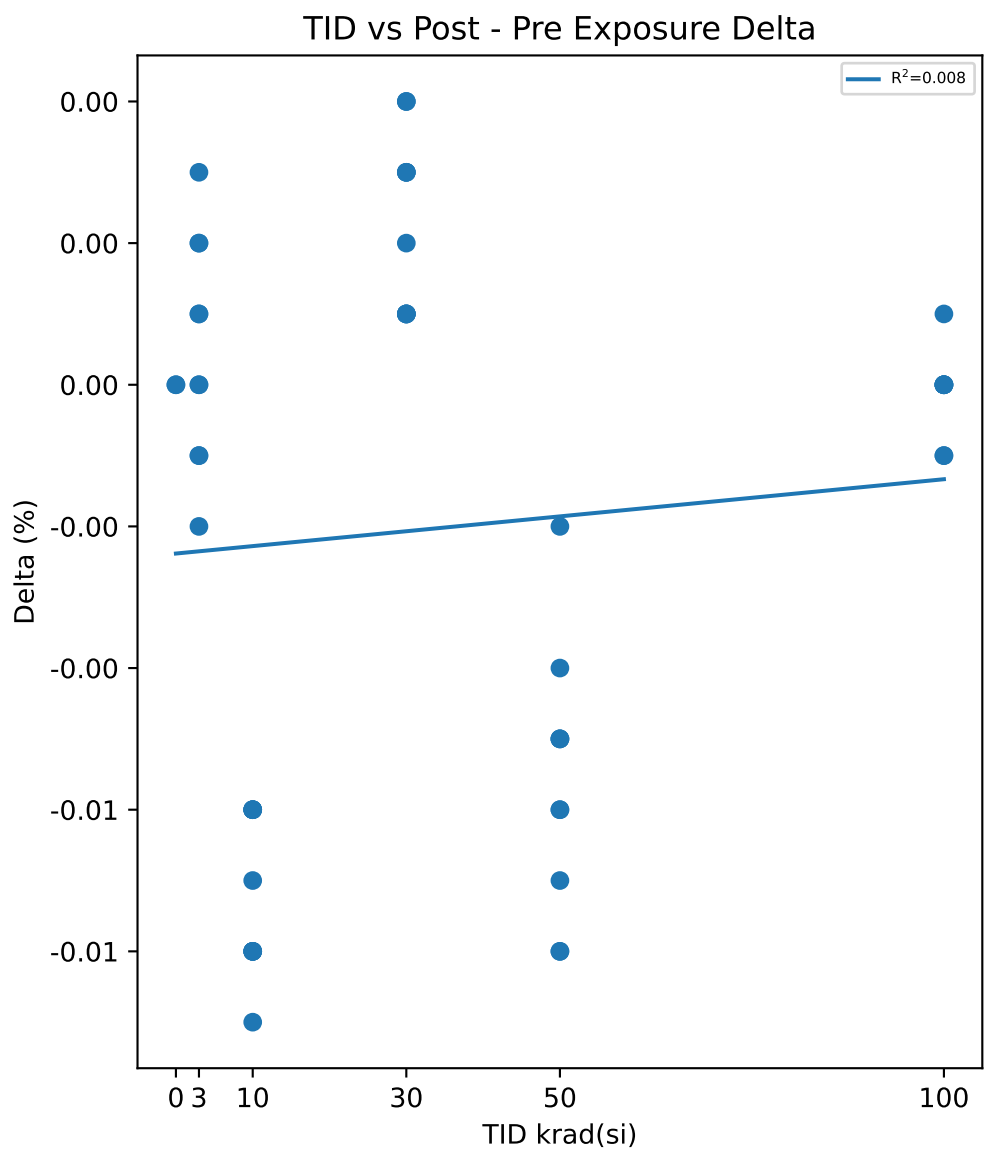


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.765	99.766	99.766	0.00070711	99.765	99.766	99.766	0.00070711	0	0	0	0
3	99.762	99.763	99.765	0.0011005	99.763	99.766	99.769	0.001633	0	0.0029	0.005	0.001792
10	99.762	99.763	99.765	0.0011005	99.756	99.758	99.76	0.0012867	-0.007	-0.005	-0.002	0.0015635
30	99.762	99.763	99.765	0.0011005	99.764	99.767	99.769	0.0015635	0.001	0.0039	0.007	0.0019692
50	99.762	99.763	99.765	0.0011005	99.754	99.758	99.762	0.0020656	-0.009	-0.0055	-0.002	0.0020138
100	99.762	99.763	99.764	0.00053452	99.761	99.763	99.764	0.00091613	-0.002	-0.000375	0.001	0.0010607

Device Test: 6.45 VOH_2mA_PWRGD/PWRGD/7/3/0/0/2/@VOH_PWRGD_2MA





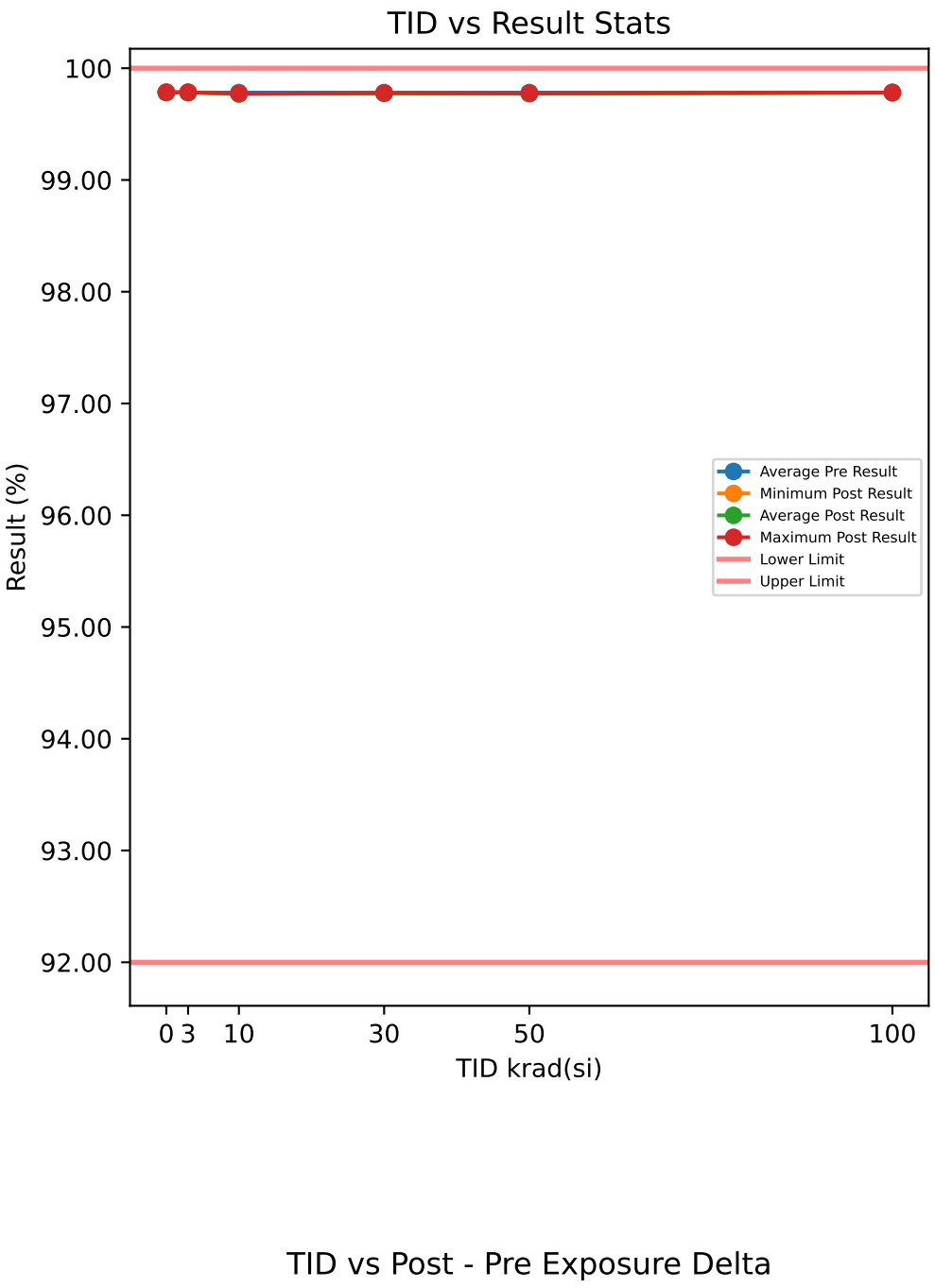
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.755	99.755	0
7	0	Correlation	99.755	99.755	0
16	3	LDR-Biased	99.756	99.759	0.003
18	3	LDR-Biased	99.756	99.757	0.001
19	3	LDR-Biased	99.755	99.755	0
20	3	LDR-Biased	99.755	99.757	0.002
21	3	LDR-Biased	99.756	99.755	-0.001
22	3	LDR-Unbiased	99.755	99.756	0.001
23	3	LDR-Unbiased	99.757	99.755	-0.002
25	3	LDR-Unbiased	99.756	99.755	-0.001
26	3	LDR-Unbiased	99.755	99.755	0
27	3	LDR-Unbiased	99.754	99.756	0.002
46	10	LDR-Biased	99.756	99.75	-0.006
48	10	LDR-Biased	99.756	99.748	-0.008
49	10	LDR-Biased	99.755	99.747	-0.008
50	10	LDR-Biased	99.755	99.749	-0.006
51	10	LDR-Biased	99.756	99.748	-0.008
52	10	LDR-Unbiased	99.755	99.749	-0.006
53	10	LDR-Unbiased	99.757	99.748	-0.009
55	10	LDR-Unbiased	99.756	99.748	-0.008
56	10	LDR-Unbiased	99.755	99.748	-0.007
57	10	LDR-Unbiased	99.754	99.748	-0.006
76	30	LDR-Biased	99.756	99.759	0.003
78	30	LDR-Biased	99.756	99.757	0.001
79	30	LDR-Biased	99.755	99.757	0.002
80	30	LDR-Biased	99.755	99.758	0.003
81	30	LDR-Biased	99.756	99.757	0.001
82	30	LDR-Unbiased	99.755	99.759	0.004
83	30	LDR-Unbiased	99.757	99.758	0.001
84	30	LDR-Unbiased	99.754	99.758	0.004
85	30	LDR-Unbiased	99.756	99.757	0.001
86	30	LDR-Unbiased	99.755	99.758	0.003
87	100	LDR-Biased	99.755	99.755	0
88	100	LDR-Biased	99.755	99.755	0
90	100	LDR-Biased	99.756	99.755	-0.001
91	100	LDR-Unbiased	99.755	99.755	0
93	100	LDR-Unbiased	99.756	99.755	-0.001
94	100	LDR-Unbiased	99.756	99.756	0
95	100	LDR-Unbiased	99.755	99.755	0
96	100	LDR-Unbiased	99.754	99.755	0.001
106	50	LDR-Biased	99.756	99.754	-0.002
108	50	LDR-Biased	99.756	99.751	-0.005
109	50	LDR-Biased	99.755	99.749	-0.006
110	50	LDR-Biased	99.755	99.751	-0.004
111	50	LDR-Biased	99.756	99.749	-0.007
112	50	LDR-Unbiased	99.755	99.75	-0.005
113	50	LDR-Unbiased	99.757	99.749	-0.008
115	50	LDR-Unbiased	99.756	99.748	-0.008
116	50	LDR-Unbiased	99.755	99.749	-0.006
117	50	LDR-Unbiased	99.754	99.749	-0.005

Test Statistics (%)

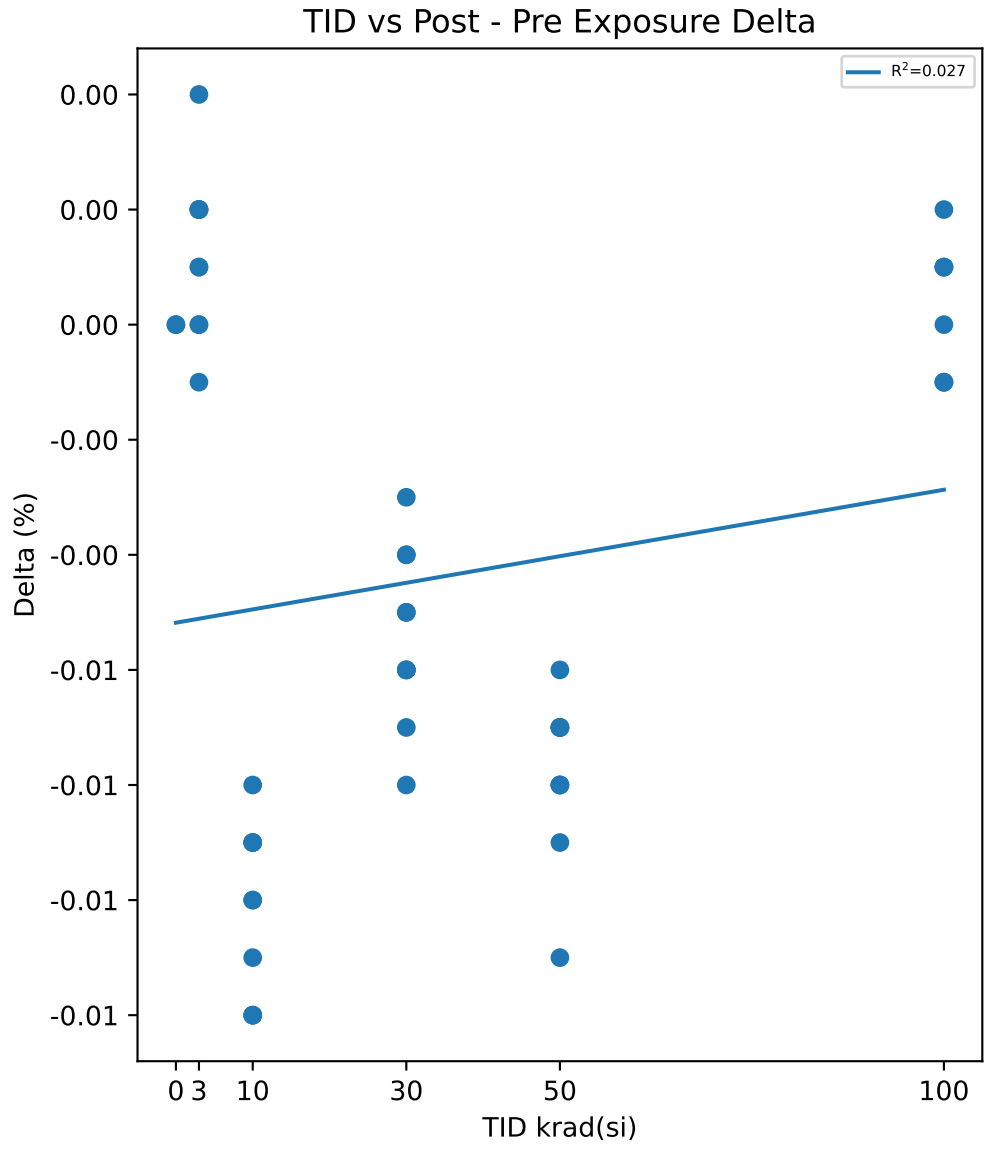
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.755	99.755	99.755	0	99.755	99.755	99.755	0	0	0	0	0
3	99.754	99.755	99.757	0.00084984	99.755	99.756	99.759	0.0013333	-0.002	0.0005	0.003	0.0015811
10	99.754	99.755	99.757	0.00084984	99.747	99.748	99.75	0.00082327	-0.009	-0.0072	-0.006	0.0011353
30	99.754	99.755	99.757	0.00084984	99.757	99.758	99.759	0.00078881	0.001	0.0023	0.004	0.0012517
50	99.754	99.755	99.757	0.00084984	99.748	99.75	99.754	0.0017288	-0.008	-0.0056	-0.002	0.0018379
100	99.754	99.755	99.756	0.00070711	99.755	99.755	99.756	0.00035355	-0.001	-0.000125	0.001	0.00064087

Device Test: 6.46 VOH_2mA_EN1/EN1/7/14/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

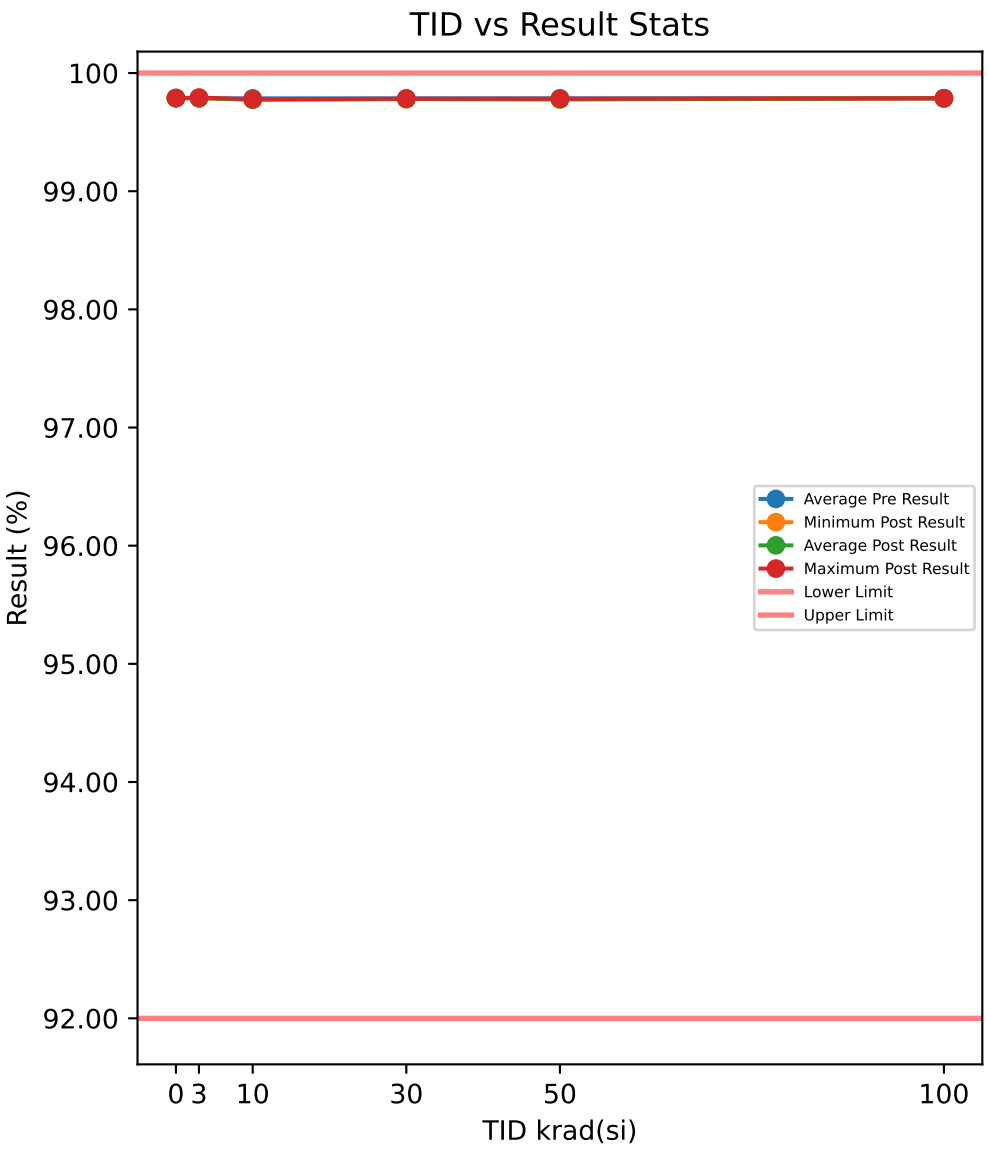
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.784	99.784	0
7	0	Correlation	99.784	99.784	0
16	3	LDR-Biased	99.783	99.783	0
18	3	LDR-Biased	99.782	99.783	0.001
19	3	LDR-Biased	99.781	99.783	0.002
20	3	LDR-Biased	99.782	99.783	0.001
21	3	LDR-Biased	99.784	99.783	-0.001
22	3	LDR-Unbiased	99.781	99.785	0.004
23	3	LDR-Unbiased	99.783	99.783	0
25	3	LDR-Unbiased	99.781	99.783	0.002
26	3	LDR-Unbiased	99.78	99.782	0.002
27	3	LDR-Unbiased	99.781	99.783	0.002
46	10	LDR-Biased	99.783	99.771	-0.012
48	10	LDR-Biased	99.782	99.771	-0.011
49	10	LDR-Biased	99.781	99.772	-0.009
50	10	LDR-Biased	99.782	99.772	-0.01
51	10	LDR-Biased	99.784	99.772	-0.012
52	10	LDR-Unbiased	99.781	99.773	-0.008
53	10	LDR-Unbiased	99.783	99.771	-0.012
55	10	LDR-Unbiased	99.781	99.771	-0.01
56	10	LDR-Unbiased	99.78	99.771	-0.009
57	10	LDR-Unbiased	99.781	99.772	-0.009
76	30	LDR-Biased	99.783	99.775	-0.008
78	30	LDR-Biased	99.782	99.776	-0.006
79	30	LDR-Biased	99.781	99.776	-0.005
80	30	LDR-Biased	99.782	99.776	-0.006
81	30	LDR-Biased	99.784	99.777	-0.007
82	30	LDR-Unbiased	99.781	99.778	-0.003
83	30	LDR-Unbiased	99.783	99.777	-0.006
84	30	LDR-Unbiased	99.781	99.776	-0.005
85	30	LDR-Unbiased	99.781	99.777	-0.004
86	30	LDR-Unbiased	99.78	99.776	-0.004
87	100	LDR-Biased	99.782	99.783	0.001
88	100	LDR-Biased	99.782	99.783	0.001
90	100	LDR-Biased	99.781	99.782	0.001
91	100	LDR-Unbiased	99.782	99.782	0
93	100	LDR-Unbiased	99.783	99.782	-0.001
94	100	LDR-Unbiased	99.783	99.782	-0.001
95	100	LDR-Unbiased	99.78	99.782	0.002
96	100	LDR-Unbiased	99.781	99.78	-0.001
106	50	LDR-Biased	99.783	99.776	-0.007
108	50	LDR-Biased	99.782	99.774	-0.008
109	50	LDR-Biased	99.781	99.774	-0.007
110	50	LDR-Biased	99.782	99.774	-0.008
111	50	LDR-Biased	99.784	99.773	-0.011
112	50	LDR-Unbiased	99.781	99.775	-0.006
113	50	LDR-Unbiased	99.783	99.774	-0.009
115	50	LDR-Unbiased	99.781	99.774	-0.007
116	50	LDR-Unbiased	99.78	99.773	-0.007
117	50	LDR-Unbiased	99.781	99.773	-0.008



Test Statistics (%)

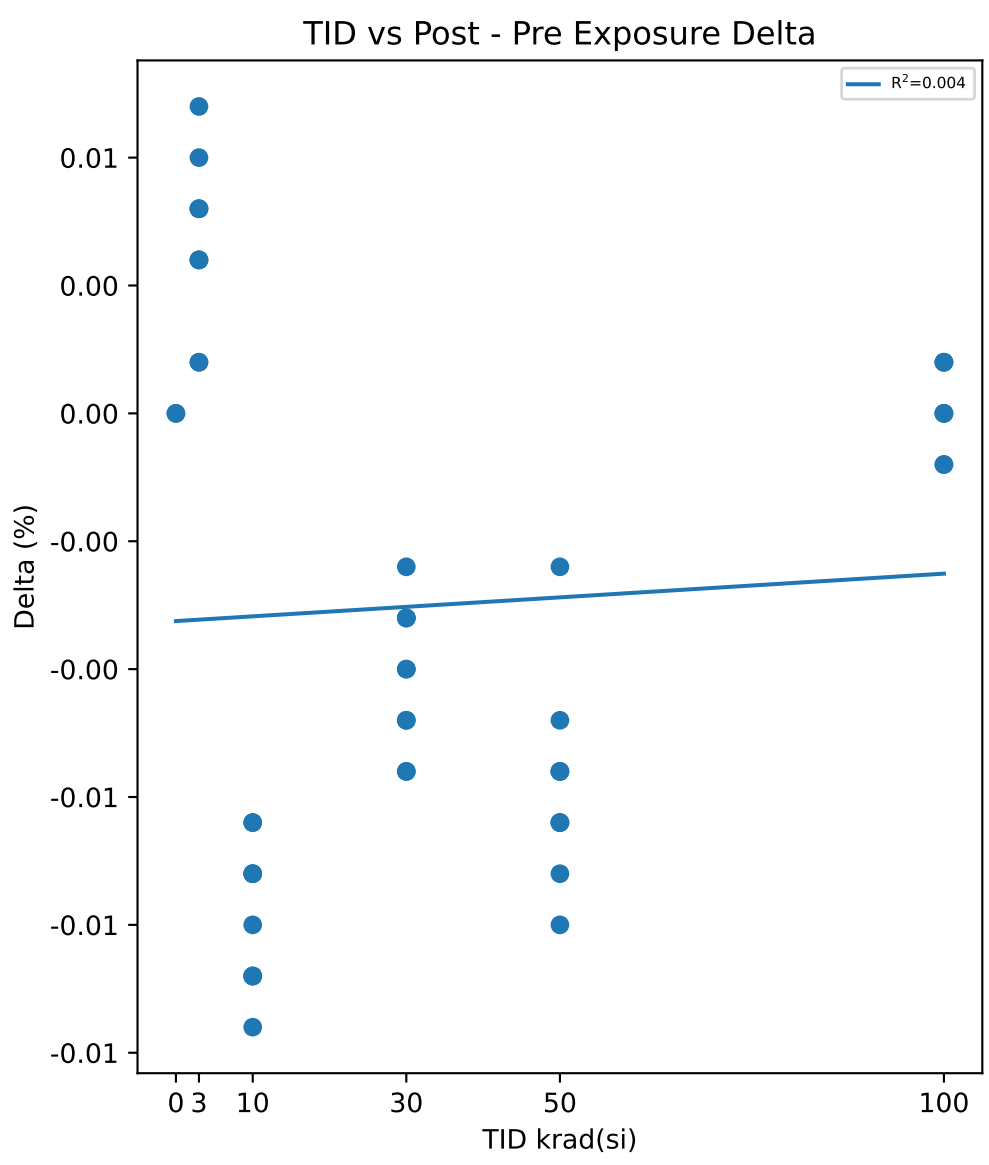
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.784	99.784	99.784	0	99.784	99.784	99.784	0	0	0	0	0
3	99.78	99.782	99.784	0.0012293	99.782	99.783	99.785	0.00073786	-0.001	0.0013	0.004	0.0014181
10	99.78	99.782	99.784	0.0012293	99.771	99.772	99.773	0.00069921	-0.012	-0.0102	-0.008	0.0014757
30	99.78	99.782	99.784	0.0012293	99.775	99.776	99.778	0.00084327	-0.008	-0.0054	-0.003	0.0015055
50	99.78	99.782	99.784	0.0012293	99.773	99.774	99.776	0.00094281	-0.011	-0.0078	-0.006	0.0013984
100	99.78	99.782	99.783	0.0010351	99.78	99.782	99.783	0.00092582	-0.001	0.00025	0.002	0.001165

Device Test: 6.47 VOH_2mA_EN2/EN2/7/14/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

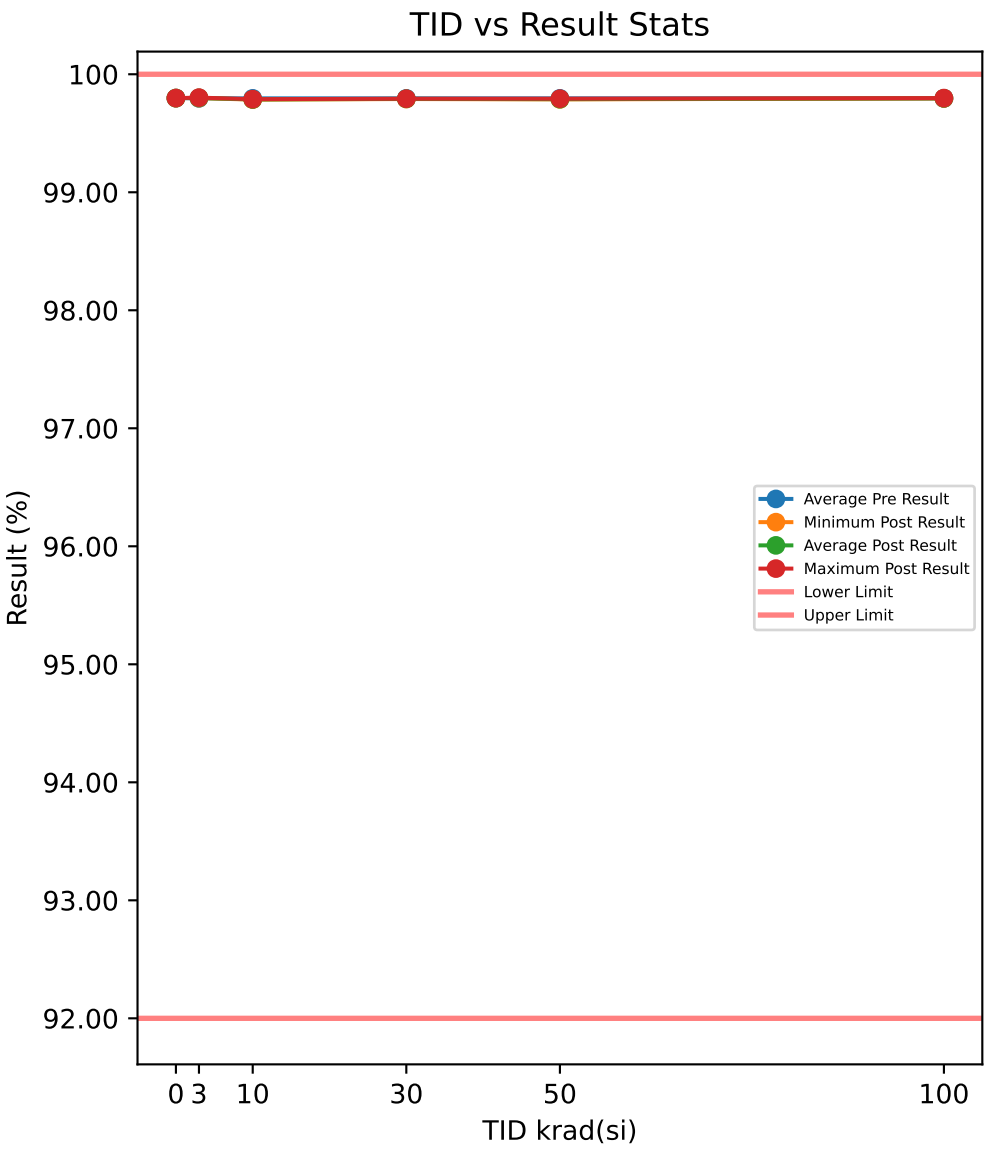
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.788	99.788	0
7	0	Correlation	99.788	99.788	0
16	3	LDR-Biased	99.786	99.792	0.006
18	3	LDR-Biased	99.787	99.79	0.003
19	3	LDR-Biased	99.785	99.789	0.004
20	3	LDR-Biased	99.786	99.791	0.005
21	3	LDR-Biased	99.787	99.788	0.001
22	3	LDR-Unbiased	99.785	99.789	0.004
23	3	LDR-Unbiased	99.788	99.789	0.001
25	3	LDR-Unbiased	99.785	99.788	0.003
26	3	LDR-Unbiased	99.784	99.787	0.003
27	3	LDR-Unbiased	99.785	99.789	0.004
46	10	LDR-Biased	99.786	99.778	-0.008
48	10	LDR-Biased	99.787	99.776	-0.011
49	10	LDR-Biased	99.785	99.776	-0.009
50	10	LDR-Biased	99.786	99.778	-0.008
51	10	LDR-Biased	99.787	99.776	-0.011
52	10	LDR-Unbiased	99.785	99.776	-0.009
53	10	LDR-Unbiased	99.788	99.776	-0.012
55	10	LDR-Unbiased	99.785	99.774	-0.011
56	10	LDR-Unbiased	99.784	99.774	-0.01
57	10	LDR-Unbiased	99.785	99.776	-0.009
76	30	LDR-Biased	99.786	99.783	-0.003
78	30	LDR-Biased	99.787	99.78	-0.007
79	30	LDR-Biased	99.785	99.78	-0.005
80	30	LDR-Biased	99.786	99.782	-0.004
81	30	LDR-Biased	99.787	99.781	-0.006
82	30	LDR-Unbiased	99.785	99.781	-0.004
83	30	LDR-Unbiased	99.788	99.781	-0.007
84	30	LDR-Unbiased	99.785	99.781	-0.004
85	30	LDR-Unbiased	99.785	99.779	-0.006
86	30	LDR-Unbiased	99.784	99.779	-0.005
87	100	LDR-Biased	99.787	99.787	0
88	100	LDR-Biased	99.786	99.786	0
90	100	LDR-Biased	99.787	99.786	-0.001
91	100	LDR-Unbiased	99.785	99.786	0.001
93	100	LDR-Unbiased	99.787	99.786	-0.001
94	100	LDR-Unbiased	99.786	99.787	0.001
95	100	LDR-Unbiased	99.785	99.786	0.001
96	100	LDR-Unbiased	99.785	99.785	0
106	50	LDR-Biased	99.786	99.783	-0.003
108	50	LDR-Biased	99.787	99.779	-0.008
109	50	LDR-Biased	99.785	99.778	-0.007
110	50	LDR-Biased	99.786	99.78	-0.006
111	50	LDR-Biased	99.787	99.778	-0.009
112	50	LDR-Unbiased	99.785	99.778	-0.007
113	50	LDR-Unbiased	99.788	99.778	-0.01
115	50	LDR-Unbiased	99.785	99.777	-0.008
116	50	LDR-Unbiased	99.784	99.776	-0.008
117	50	LDR-Unbiased	99.785	99.778	-0.007



Test Statistics (%)

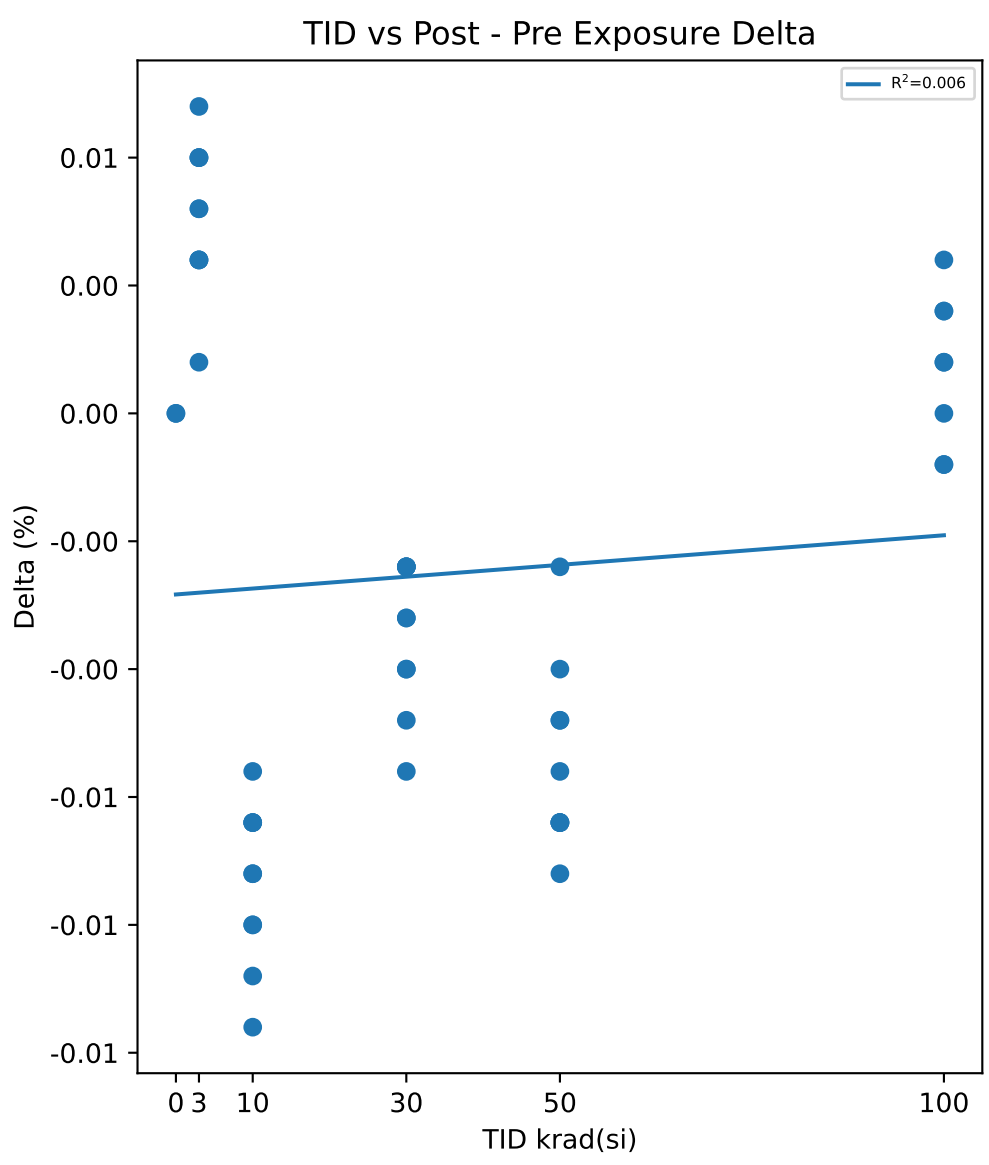
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.788	99.788	99.788	0	99.788	99.788	99.788	0	0	0	0	0
3	99.784	99.786	99.788	0.0012293	99.787	99.789	99.792	0.0014757	0.001	0.0034	0.006	0.0015776
10	99.784	99.786	99.788	0.0012293	99.774	99.776	99.778	0.0013333	-0.012	-0.0098	-0.008	0.0013984
30	99.784	99.786	99.788	0.0012293	99.779	99.781	99.783	0.0012517	-0.007	-0.0051	-0.003	0.0013703
50	99.784	99.786	99.788	0.0012293	99.776	99.779	99.783	0.0019003	-0.01	-0.0073	-0.003	0.0018886
100	99.785	99.786	99.787	0.00092582	99.785	99.786	99.787	0.00064087	-0.001	0.000125	0.001	0.00083452

Device Test: 6.48 VOH_2mA_EN3/EN3/7/14/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

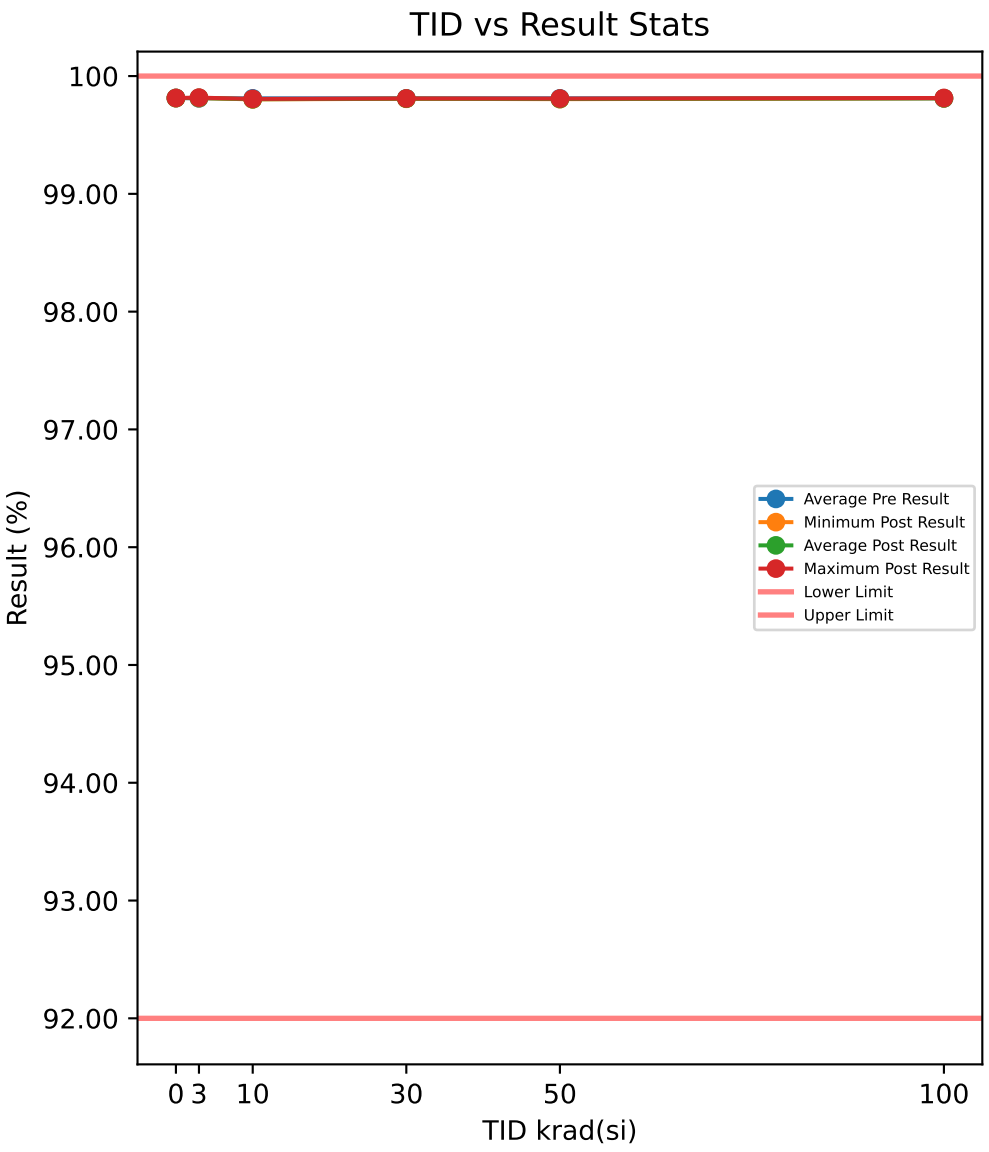
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.798	99.798	0
7	0	Correlation	99.798	99.798	0
16	3	LDR-Biased	99.796	99.802	0.006
18	3	LDR-Biased	99.797	99.8	0.003
19	3	LDR-Biased	99.795	99.799	0.004
20	3	LDR-Biased	99.796	99.801	0.005
21	3	LDR-Biased	99.796	99.799	0.003
22	3	LDR-Unbiased	99.795	99.8	0.005
23	3	LDR-Unbiased	99.798	99.799	0.001
25	3	LDR-Unbiased	99.795	99.798	0.003
26	3	LDR-Unbiased	99.795	99.799	0.004
27	3	LDR-Unbiased	99.795	99.8	0.005
46	10	LDR-Biased	99.796	99.788	-0.008
48	10	LDR-Biased	99.797	99.786	-0.011
49	10	LDR-Biased	99.795	99.786	-0.009
50	10	LDR-Biased	99.796	99.789	-0.007
51	10	LDR-Biased	99.796	99.786	-0.01
52	10	LDR-Unbiased	99.795	99.787	-0.008
53	10	LDR-Unbiased	99.798	99.786	-0.012
55	10	LDR-Unbiased	99.795	99.785	-0.01
56	10	LDR-Unbiased	99.795	99.786	-0.009
57	10	LDR-Unbiased	99.795	99.787	-0.008
76	30	LDR-Biased	99.796	99.793	-0.003
78	30	LDR-Biased	99.797	99.791	-0.006
79	30	LDR-Biased	99.795	99.79	-0.005
80	30	LDR-Biased	99.796	99.793	-0.003
81	30	LDR-Biased	99.796	99.792	-0.004
82	30	LDR-Unbiased	99.795	99.792	-0.003
83	30	LDR-Unbiased	99.798	99.791	-0.007
84	30	LDR-Unbiased	99.795	99.792	-0.003
85	30	LDR-Unbiased	99.795	99.79	-0.005
86	30	LDR-Unbiased	99.795	99.791	-0.004
87	100	LDR-Biased	99.797	99.796	-0.001
88	100	LDR-Biased	99.795	99.796	0.001
90	100	LDR-Biased	99.796	99.795	-0.001
91	100	LDR-Unbiased	99.795	99.796	0.001
93	100	LDR-Unbiased	99.796	99.796	0
94	100	LDR-Unbiased	99.795	99.798	0.003
95	100	LDR-Unbiased	99.795	99.797	0.002
96	100	LDR-Unbiased	99.795	99.797	0.002
106	50	LDR-Biased	99.796	99.793	-0.003
108	50	LDR-Biased	99.797	99.789	-0.008
109	50	LDR-Biased	99.795	99.788	-0.007
110	50	LDR-Biased	99.796	99.791	-0.005
111	50	LDR-Biased	99.796	99.788	-0.008
112	50	LDR-Unbiased	99.795	99.789	-0.006
113	50	LDR-Unbiased	99.798	99.789	-0.009
115	50	LDR-Unbiased	99.795	99.787	-0.008
116	50	LDR-Unbiased	99.795	99.787	-0.008
117	50	LDR-Unbiased	99.795	99.789	-0.006



Test Statistics (%)

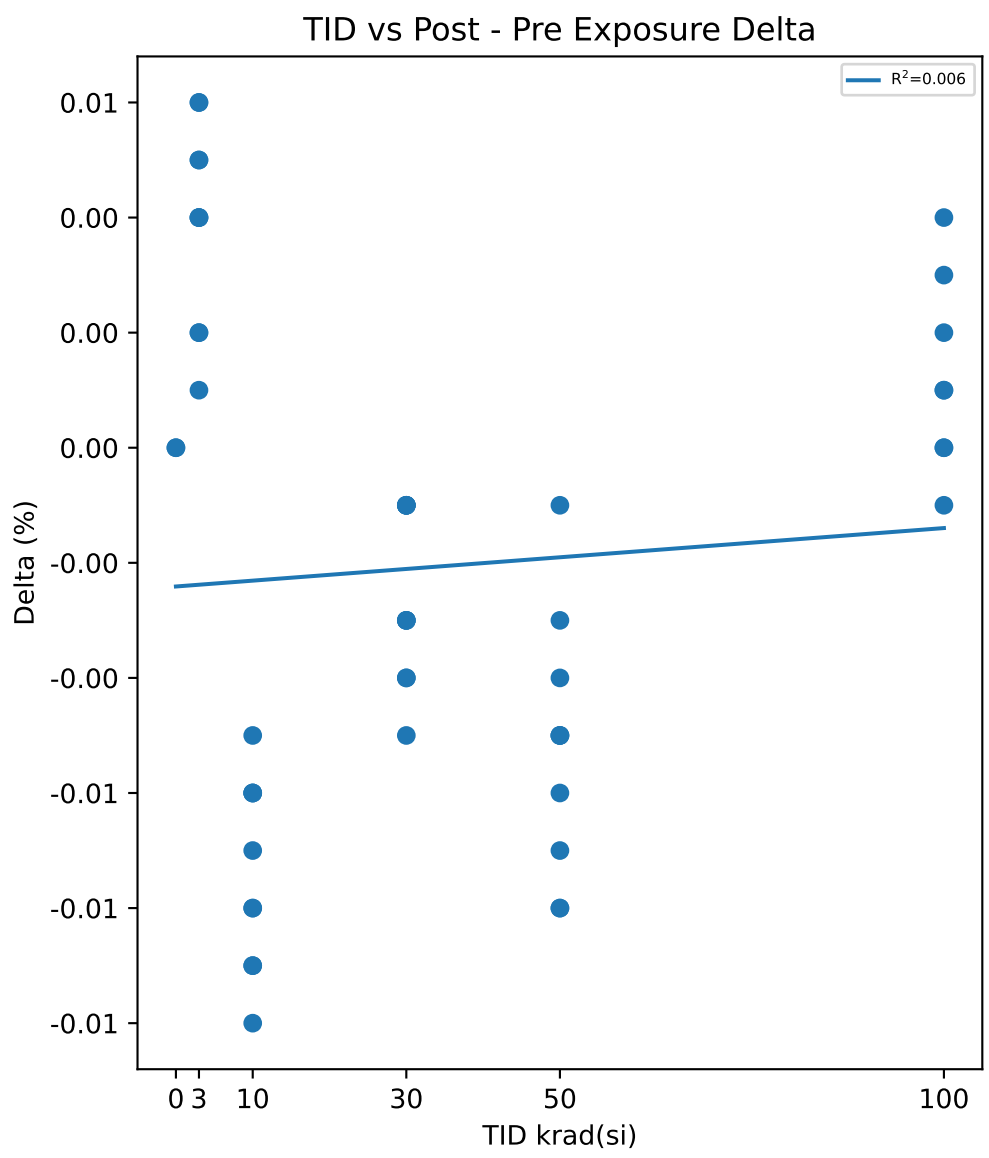
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.798	99.798	99.798	0	99.798	99.798	99.798	0	0	0	0	0
3	99.795	99.796	99.798	0.0010328	99.798	99.8	99.802	0.0011595	0.001	0.0039	0.006	0.0014491
10	99.795	99.796	99.798	0.0010328	99.785	99.787	99.789	0.0011738	-0.012	-0.0092	-0.007	0.0015492
30	99.795	99.796	99.798	0.0010328	99.79	99.791	99.793	0.0010801	-0.007	-0.0043	-0.003	0.0014181
50	99.795	99.796	99.798	0.0010328	99.787	99.789	99.793	0.0018257	-0.009	-0.0068	-0.003	0.0018135
100	99.795	99.796	99.797	0.00075593	99.795	99.796	99.798	0.00091613	-0.001	0.000875	0.003	0.0014577

Device Test: 6.49 VOH_2mA_EN4/EN4/7/14/0/0/2/@VOH_EN_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.813	99.813	0
7	0	Correlation	99.814	99.814	0
16	3	LDR-Biased	99.81	99.816	0.006
18	3	LDR-Biased	99.811	99.815	0.004
19	3	LDR-Biased	99.81	99.814	0.004
20	3	LDR-Biased	99.811	99.817	0.006
21	3	LDR-Biased	99.812	99.814	0.002
22	3	LDR-Unbiased	99.81	99.815	0.005
23	3	LDR-Unbiased	99.813	99.814	0.001
25	3	LDR-Unbiased	99.81	99.814	0.004
26	3	LDR-Unbiased	99.811	99.813	0.002
27	3	LDR-Unbiased	99.81	99.815	0.005
46	10	LDR-Biased	99.81	99.804	-0.006
48	10	LDR-Biased	99.811	99.803	-0.008
49	10	LDR-Biased	99.81	99.803	-0.007
50	10	LDR-Biased	99.811	99.806	-0.005
51	10	LDR-Biased	99.812	99.803	-0.009
52	10	LDR-Unbiased	99.81	99.804	-0.006
53	10	LDR-Unbiased	99.813	99.803	-0.01
55	10	LDR-Unbiased	99.81	99.802	-0.008
56	10	LDR-Unbiased	99.811	99.802	-0.009
57	10	LDR-Unbiased	99.81	99.804	-0.006
76	30	LDR-Biased	99.81	99.809	-0.001
78	30	LDR-Biased	99.811	99.808	-0.003
79	30	LDR-Biased	99.81	99.807	-0.003
80	30	LDR-Biased	99.811	99.81	-0.001
81	30	LDR-Biased	99.812	99.808	-0.004
82	30	LDR-Unbiased	99.81	99.809	-0.001
83	30	LDR-Unbiased	99.813	99.808	-0.005
84	30	LDR-Unbiased	99.81	99.809	-0.001
85	30	LDR-Unbiased	99.81	99.807	-0.003
86	30	LDR-Unbiased	99.811	99.807	-0.004
87	100	LDR-Biased	99.812	99.812	0
88	100	LDR-Biased	99.809	99.811	0.002
90	100	LDR-Biased	99.811	99.811	0
91	100	LDR-Unbiased	99.81	99.811	0.001
93	100	LDR-Unbiased	99.812	99.811	-0.001
94	100	LDR-Unbiased	99.81	99.814	0.004
95	100	LDR-Unbiased	99.811	99.812	0.001
96	100	LDR-Unbiased	99.81	99.813	0.003
106	50	LDR-Biased	99.81	99.809	-0.001
108	50	LDR-Biased	99.811	99.806	-0.005
109	50	LDR-Biased	99.81	99.805	-0.005
110	50	LDR-Biased	99.811	99.808	-0.003
111	50	LDR-Biased	99.812	99.804	-0.008
112	50	LDR-Unbiased	99.81	99.806	-0.004
113	50	LDR-Unbiased	99.813	99.805	-0.008
115	50	LDR-Unbiased	99.81	99.804	-0.006
116	50	LDR-Unbiased	99.811	99.804	-0.007
117	50	LDR-Unbiased	99.81	99.805	-0.005

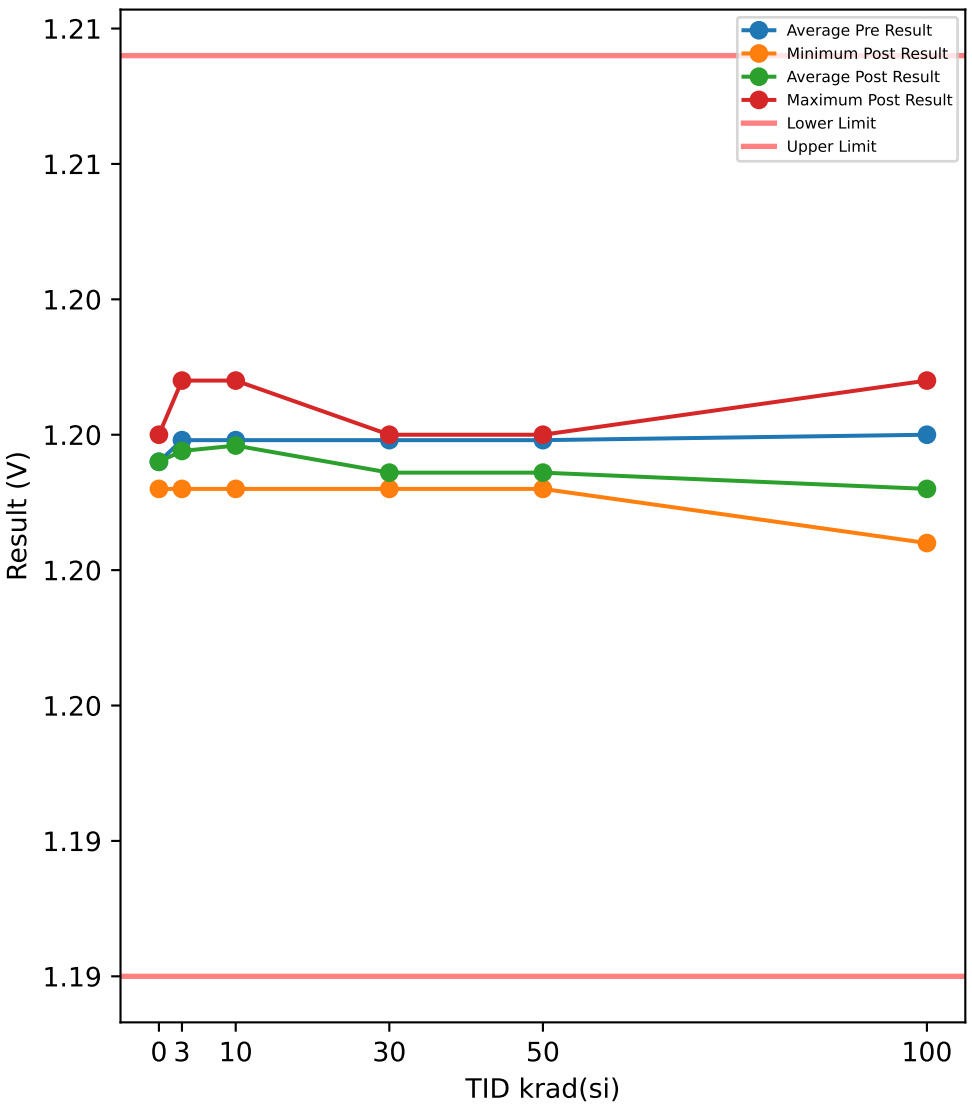


Test Statistics (%)

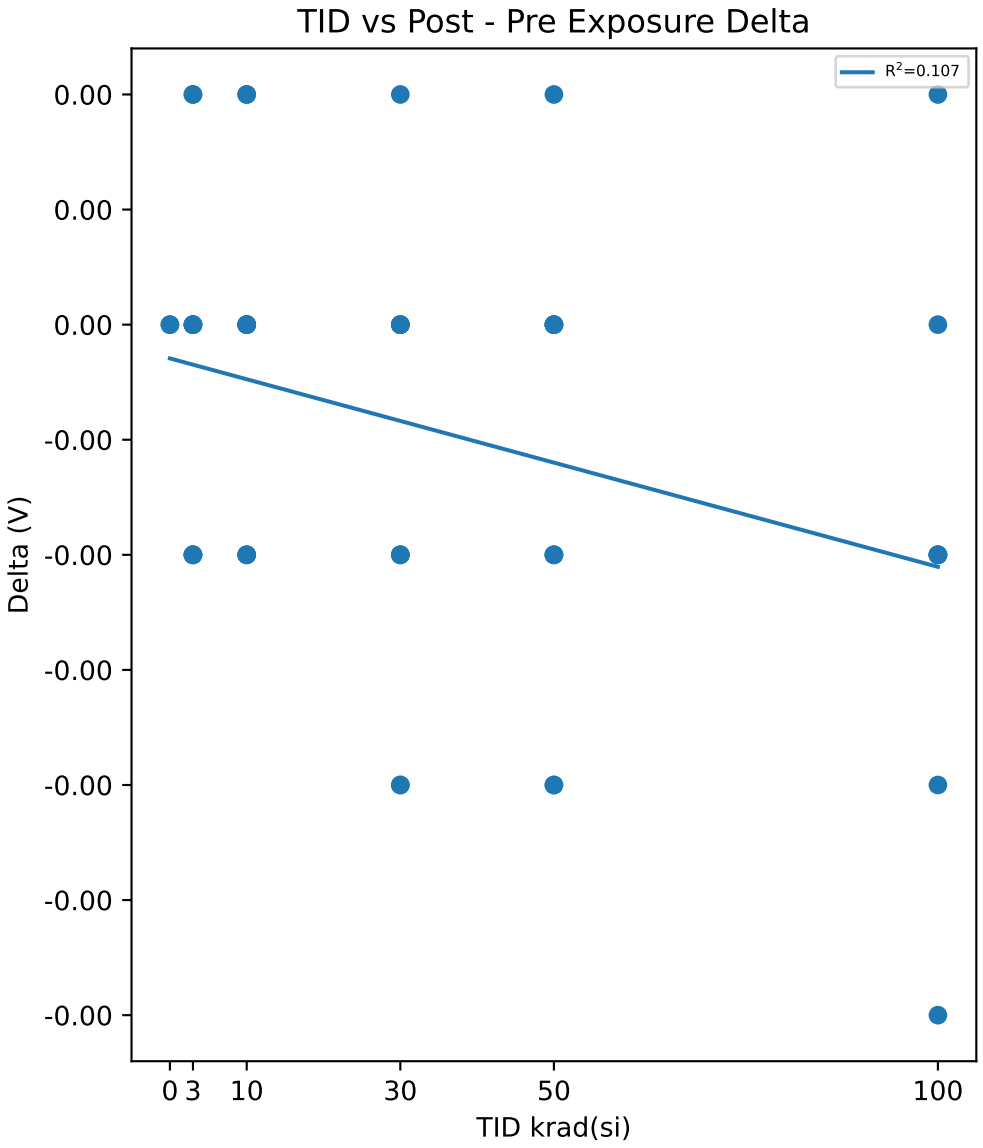
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.813	99.814	99.814	0.00070711	99.813	99.814	99.814	0.00070711	0	0	0	0
3	99.81	99.811	99.813	0.0010328	99.813	99.815	99.817	0.0011595	0.001	0.0039	0.006	0.0017288
10	99.81	99.811	99.813	0.0010328	99.802	99.803	99.806	0.0011738	-0.01	-0.0074	-0.005	0.0016465
30	99.81	99.811	99.813	0.0010328	99.807	99.808	99.81	0.0010328	-0.005	-0.0026	-0.001	0.0015055
50	99.81	99.811	99.813	0.0010328	99.804	99.806	99.809	0.0017127	-0.008	-0.0052	-0.001	0.002201
100	99.809	99.811	99.812	0.0010607	99.811	99.812	99.814	0.001126	-0.001	0.00125	0.004	0.001669

Device Test: 6.5 REFCAP/REFCAP//14/0/0/0/@REFCAP

TID vs Result Stats



TID vs Post - Pre Exposure Delta



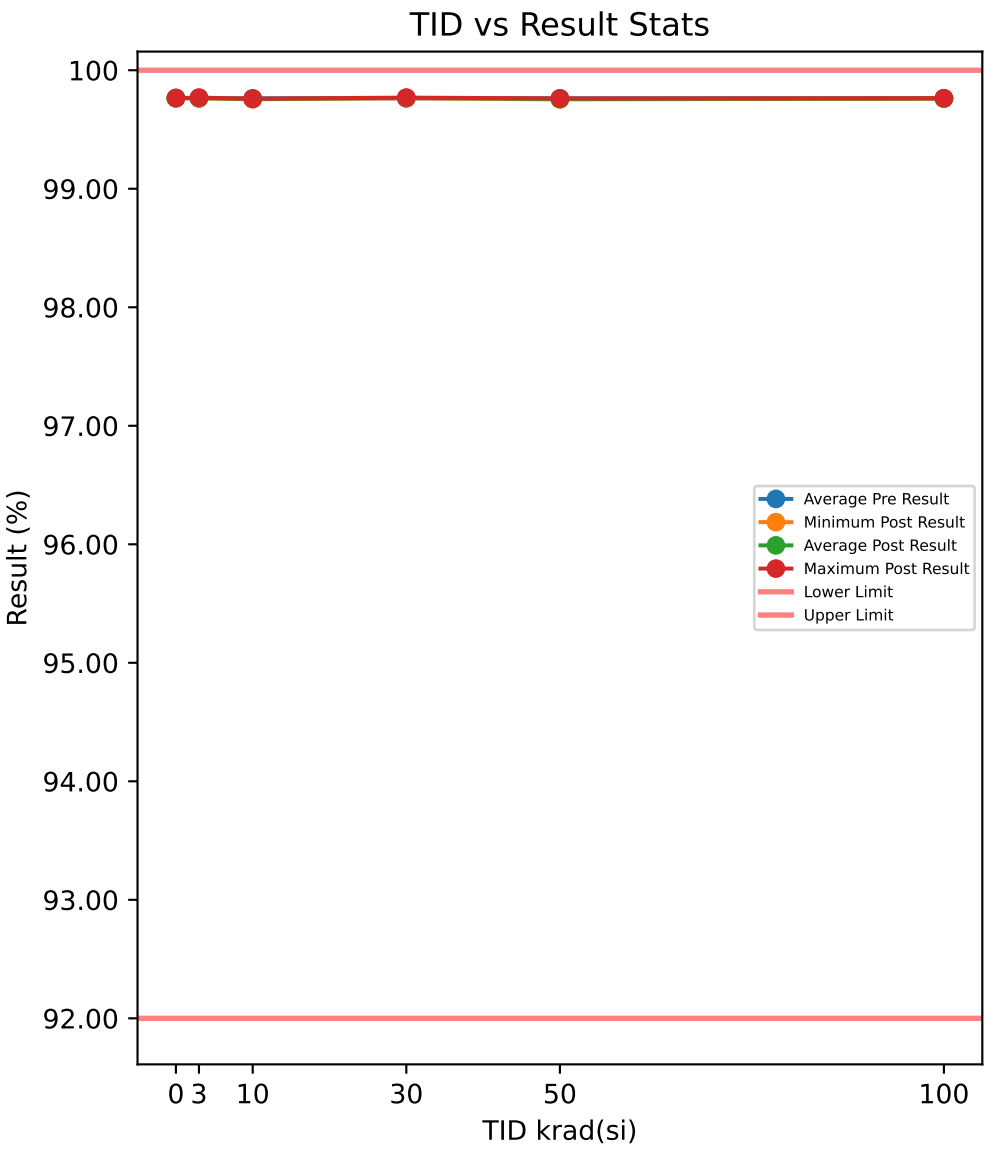
Test Results (Lower Limit = 1.19, Upper Limit = 1.207 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.199	1.199	0
7	0	Correlation	1.2	1.2	0
16	3	LDR-Biased	1.2	1.199	-0.001
18	3	LDR-Biased	1.199	1.199	0
19	3	LDR-Biased	1.2	1.201	0.001
20	3	LDR-Biased	1.199	1.199	0
21	3	LDR-Biased	1.2	1.2	0
22	3	LDR-Unbiased	1.199	1.199	0
23	3	LDR-Unbiased	1.199	1.2	0.001
25	3	LDR-Unbiased	1.201	1.2	-0.001
26	3	LDR-Unbiased	1.201	1.2	-0.001
27	3	LDR-Unbiased	1.201	1.2	-0.001
46	10	LDR-Biased	1.2	1.2	0
48	10	LDR-Biased	1.199	1.199	0
49	10	LDR-Biased	1.2	1.201	0.001
50	10	LDR-Biased	1.199	1.199	0
51	10	LDR-Biased	1.2	1.199	-0.001
52	10	LDR-Unbiased	1.199	1.199	0
53	10	LDR-Unbiased	1.199	1.2	0.001
55	10	LDR-Unbiased	1.201	1.201	0
56	10	LDR-Unbiased	1.201	1.2	-0.001
57	10	LDR-Unbiased	1.201	1.2	-0.001
76	30	LDR-Biased	1.2	1.199	-0.001
78	30	LDR-Biased	1.199	1.199	0
79	30	LDR-Biased	1.2	1.2	0
80	30	LDR-Biased	1.199	1.199	0
81	30	LDR-Biased	1.2	1.199	-0.001
82	30	LDR-Unbiased	1.199	1.199	0
83	30	LDR-Unbiased	1.199	1.2	0.001
84	30	LDR-Unbiased	1.201	1.199	-0.002
85	30	LDR-Unbiased	1.201	1.2	-0.001
86	30	LDR-Unbiased	1.201	1.199	-0.002
87	100	LDR-Biased	1.2	1.199	-0.001
88	100	LDR-Biased	1.2	1.199	-0.001
90	100	LDR-Biased	1.2	1.199	-0.001
91	100	LDR-Unbiased	1.199	1.199	0
93	100	LDR-Unbiased	1.2	1.201	0.001
94	100	LDR-Unbiased	1.2	1.198	-0.002
95	100	LDR-Unbiased	1.2	1.199	-0.001
96	100	LDR-Unbiased	1.201	1.198	-0.003
106	50	LDR-Biased	1.2	1.199	-0.001
108	50	LDR-Biased	1.199	1.199	0
109	50	LDR-Biased	1.2	1.2	0
110	50	LDR-Biased	1.199	1.199	0
111	50	LDR-Biased	1.2	1.199	-0.001
112	50	LDR-Unbiased	1.199	1.199	0
113	50	LDR-Unbiased	1.199	1.2	0.001
115	50	LDR-Unbiased	1.201	1.2	-0.001
116	50	LDR-Unbiased	1.201	1.199	-0.002
117	50	LDR-Unbiased	1.201	1.199	-0.002

Test Statistics (V)

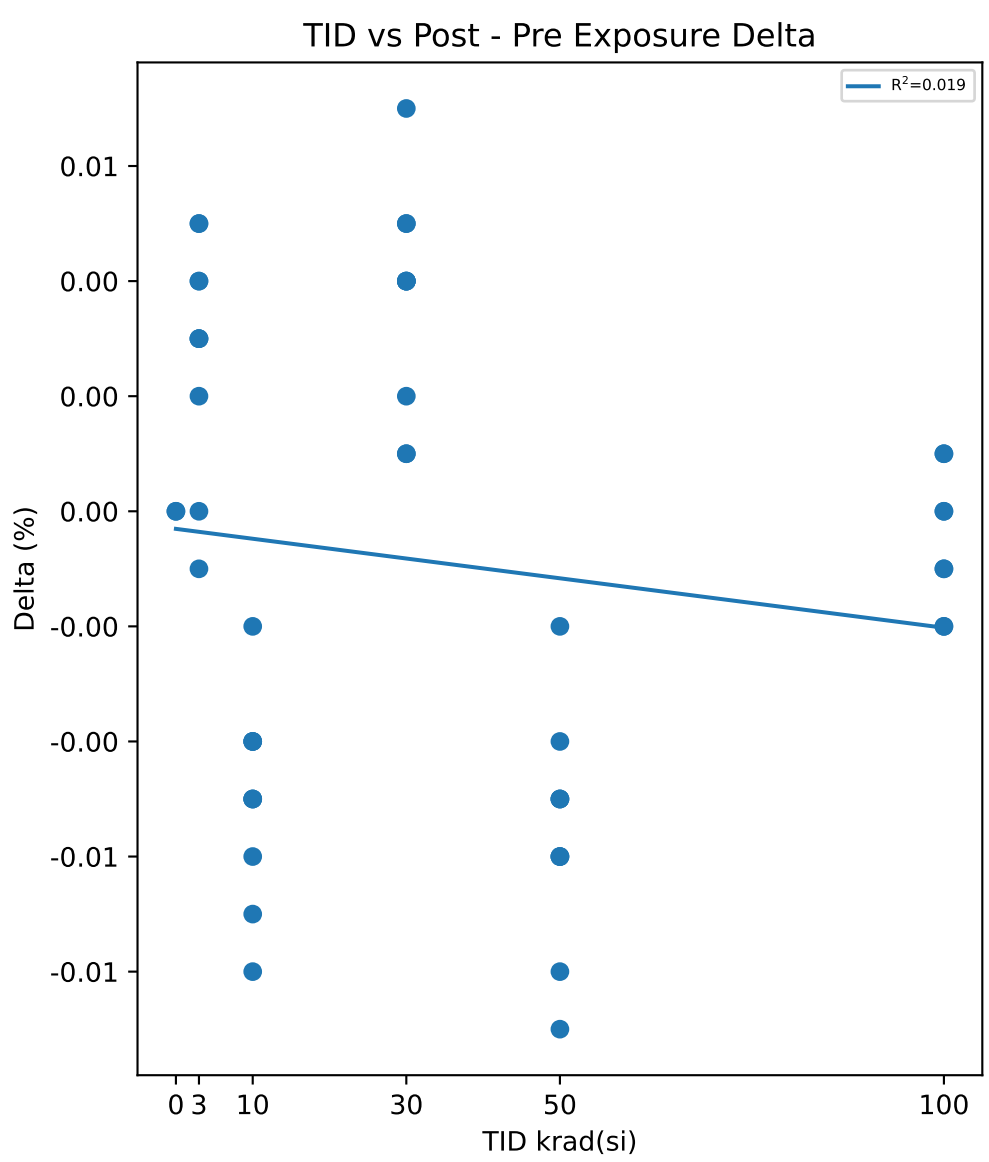
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.199	1.1995	1.2	0.00070711	1.199	1.1995	1.2	0.00070711	0	0	0	0
3	1.199	1.1999	1.201	0.0008756	1.199	1.1997	1.201	0.00067495	-0.001	-0.0002	0.001	0.00078881
10	1.199	1.1999	1.201	0.0008756	1.199	1.1998	1.201	0.00078881	-0.001	-0.0001	0.001	0.00073786
30	1.199	1.1999	1.201	0.0008756	1.199	1.1993	1.2	0.00048305	-0.002	-0.0006	0.001	0.00096609
50	1.199	1.1999	1.201	0.0008756	1.199	1.1993	1.2	0.00048305	-0.002	-0.0006	0.001	0.00096609
100	1.199	1.2	1.201	0.00053452	1.198	1.199	1.201	0.00092582	-0.003	-0.001	0.001	0.0011952

Device Test: 6.50 VOH_2mA_SEQ/SEQ_DONE/7/14/0/0/2/@VOH_SEQ_DONE_2MA



Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

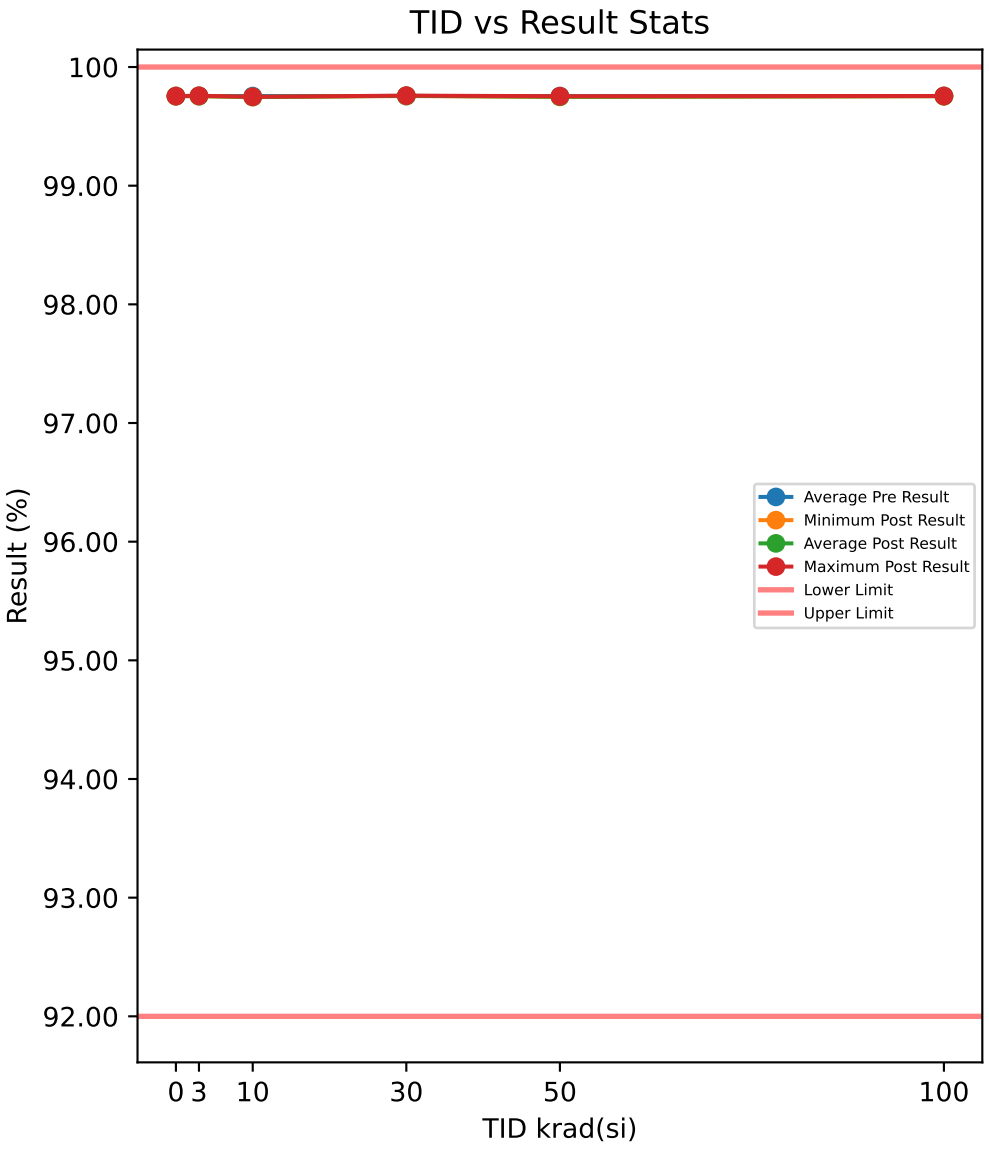
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.765	99.765	0
7	0	Correlation	99.765	99.765	0
16	3	LDR-Biased	99.764	99.769	0.005
18	3	LDR-Biased	99.764	99.767	0.003
19	3	LDR-Biased	99.762	99.766	0.004
20	3	LDR-Biased	99.763	99.767	0.004
21	3	LDR-Biased	99.763	99.766	0.003
22	3	LDR-Unbiased	99.762	99.767	0.005
23	3	LDR-Unbiased	99.765	99.764	-0.001
25	3	LDR-Unbiased	99.763	99.763	0
26	3	LDR-Unbiased	99.762	99.764	0.002
27	3	LDR-Unbiased	99.762	99.765	0.003
46	10	LDR-Biased	99.764	99.76	-0.004
48	10	LDR-Biased	99.764	99.758	-0.006
49	10	LDR-Biased	99.762	99.758	-0.004
50	10	LDR-Biased	99.763	99.759	-0.004
51	10	LDR-Biased	99.763	99.758	-0.005
52	10	LDR-Unbiased	99.762	99.76	-0.002
53	10	LDR-Unbiased	99.765	99.758	-0.007
55	10	LDR-Unbiased	99.763	99.755	-0.008
56	10	LDR-Unbiased	99.762	99.757	-0.005
57	10	LDR-Unbiased	99.762	99.757	-0.005
76	30	LDR-Biased	99.764	99.768	0.004
78	30	LDR-Biased	99.764	99.766	0.002
79	30	LDR-Biased	99.762	99.766	0.004
80	30	LDR-Biased	99.763	99.768	0.005
81	30	LDR-Biased	99.763	99.767	0.004
82	30	LDR-Unbiased	99.762	99.769	0.007
83	30	LDR-Unbiased	99.765	99.766	0.001
84	30	LDR-Unbiased	99.762	99.767	0.005
85	30	LDR-Unbiased	99.763	99.764	0.001
86	30	LDR-Unbiased	99.762	99.766	0.004
87	100	LDR-Biased	99.763	99.762	-0.001
88	100	LDR-Biased	99.762	99.762	0
90	100	LDR-Biased	99.763	99.761	-0.002
91	100	LDR-Unbiased	99.762	99.762	0
93	100	LDR-Unbiased	99.763	99.761	-0.002
94	100	LDR-Unbiased	99.763	99.764	0.001
95	100	LDR-Unbiased	99.763	99.762	-0.001
96	100	LDR-Unbiased	99.762	99.763	0.001
106	50	LDR-Biased	99.764	99.762	-0.002
108	50	LDR-Biased	99.764	99.758	-0.006
109	50	LDR-Biased	99.762	99.757	-0.005
110	50	LDR-Biased	99.763	99.758	-0.005
111	50	LDR-Biased	99.763	99.758	-0.005
112	50	LDR-Unbiased	99.762	99.758	-0.004
113	50	LDR-Unbiased	99.765	99.757	-0.008
115	50	LDR-Unbiased	99.763	99.754	-0.009
116	50	LDR-Unbiased	99.762	99.756	-0.006
117	50	LDR-Unbiased	99.762	99.756	-0.006

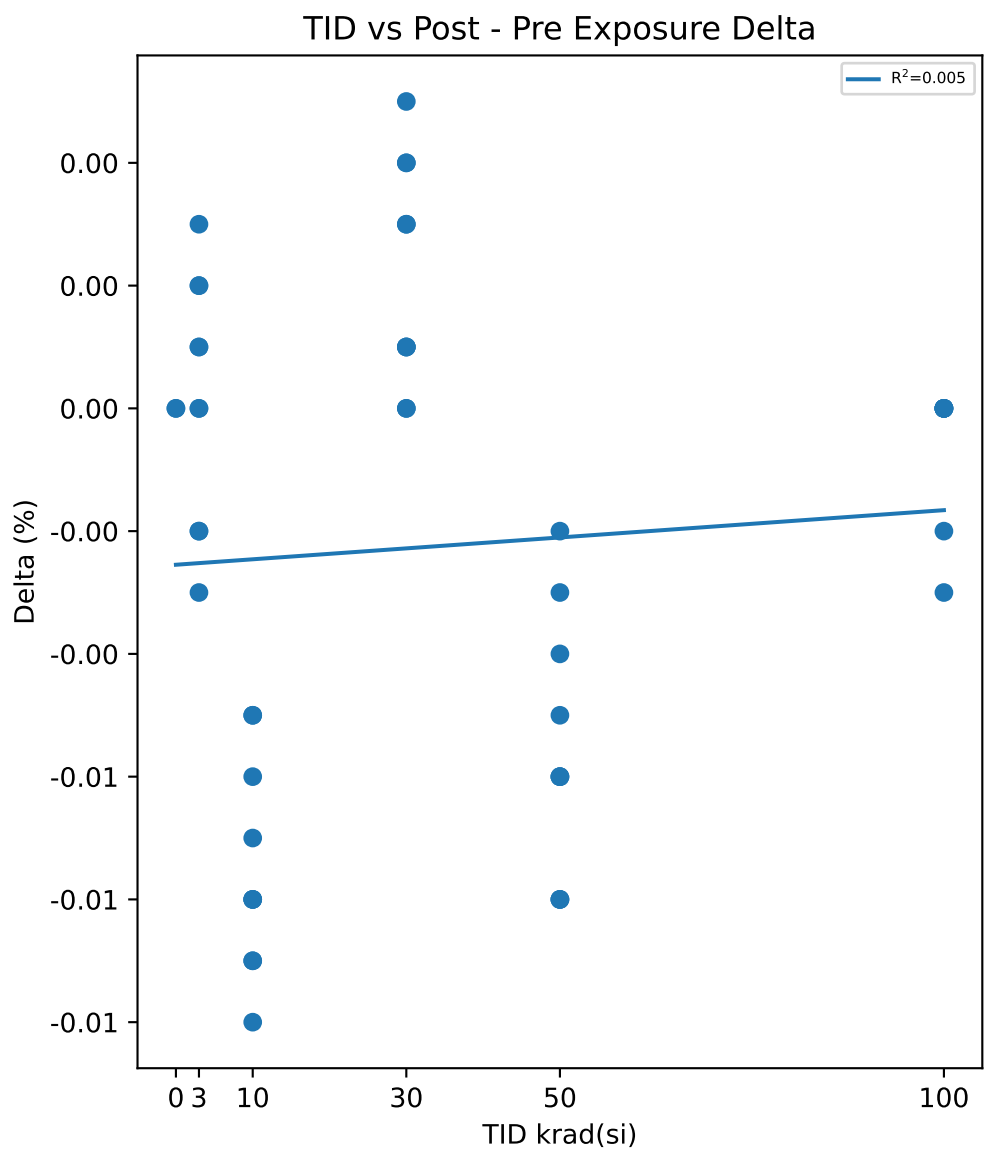


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.765	99.765	99.765	0	99.765	99.765	99.765	0	0	0	0	0
3	99.762	99.763	99.765	0.0010541	99.763	99.766	99.769	0.0018135	-0.001	0.0028	0.005	0.0019889
10	99.762	99.763	99.765	0.0010541	99.755	99.758	99.76	0.0014907	-0.008	-0.005	-0.002	0.0016997
30	99.762	99.763	99.765	0.0010541	99.764	99.767	99.769	0.0014181	0.001	0.0037	0.007	0.0018886
50	99.762	99.763	99.765	0.0010541	99.754	99.757	99.762	0.0020656	-0.009	-0.0056	-0.002	0.0019551
100	99.762	99.763	99.763	0.00051755	99.761	99.762	99.764	0.00099103	-0.002	-0.0005	0.001	0.0011952

Device Test: 6.51 VOH_2mA_PWRGD/PWRGD/7/14/0/0/2/@VOH_PWRGD_2MA





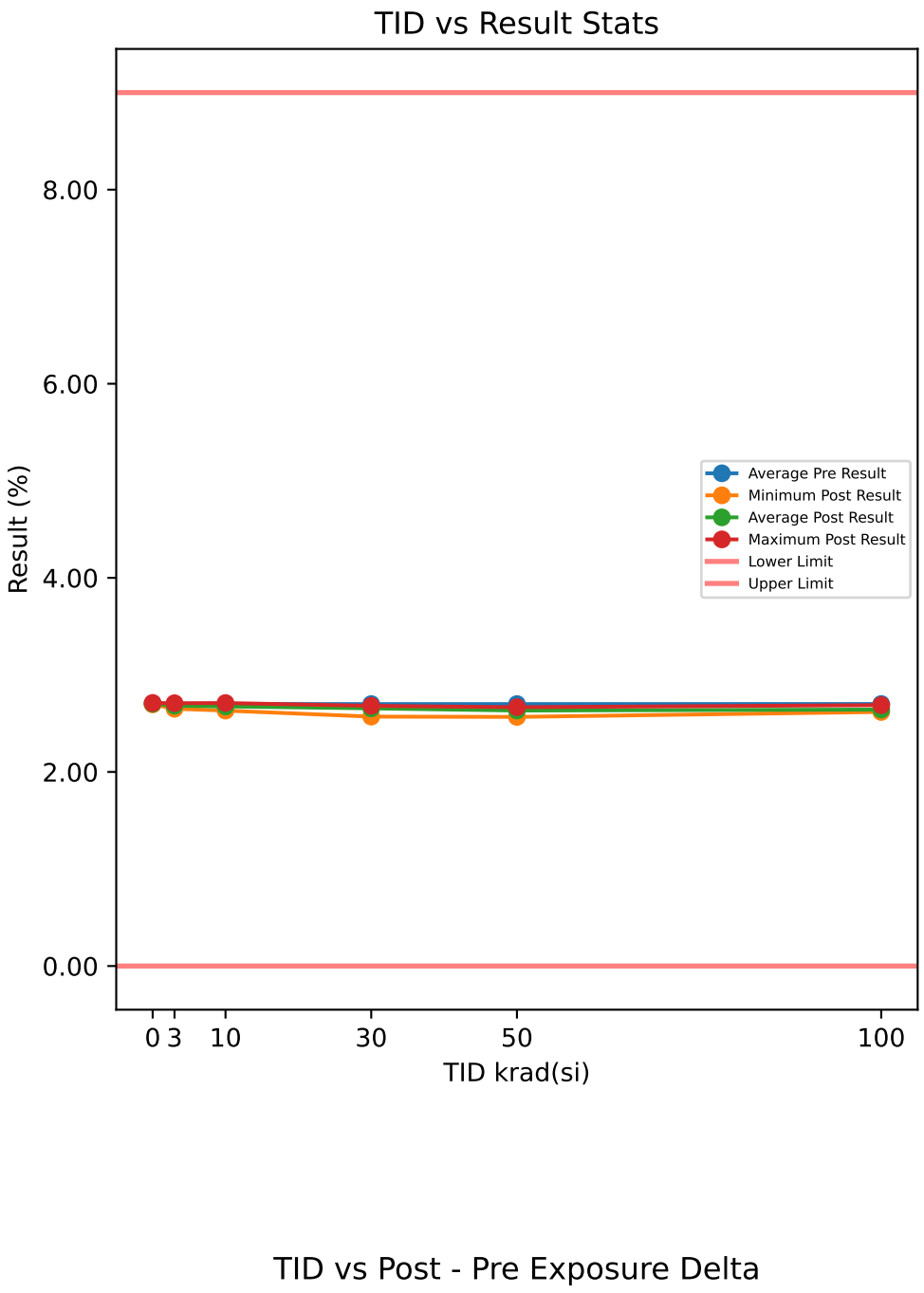
Test Results (Lower Limit = 92.0, Upper Limit = 100.0 (%))

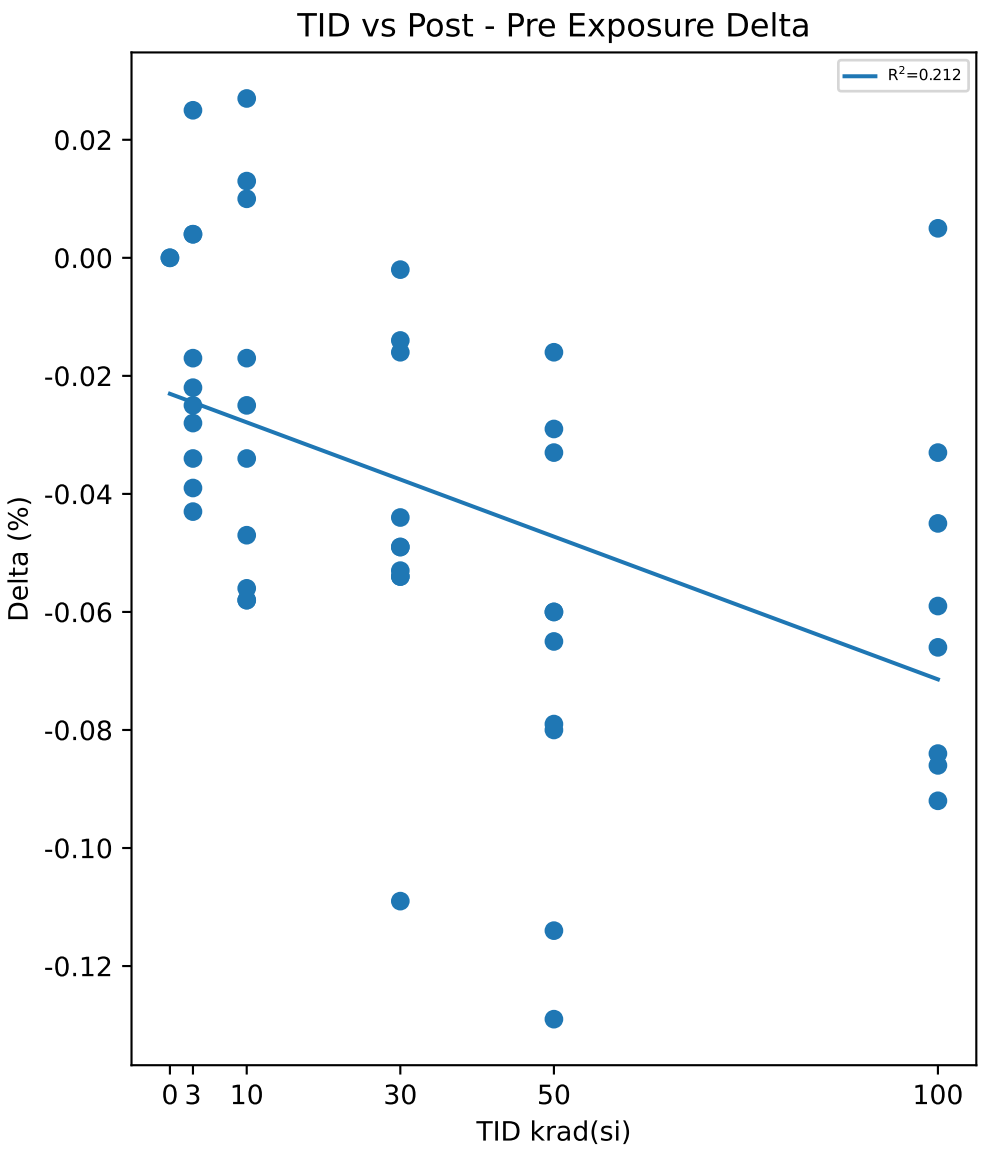
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.755	99.755	0
7	0	Correlation	99.755	99.755	0
16	3	LDR-Biased	99.756	99.758	0.002
18	3	LDR-Biased	99.756	99.757	0.001
19	3	LDR-Biased	99.755	99.755	0
20	3	LDR-Biased	99.754	99.756	0.002
21	3	LDR-Biased	99.757	99.754	-0.003
22	3	LDR-Unbiased	99.754	99.757	0.003
23	3	LDR-Unbiased	99.757	99.755	-0.002
25	3	LDR-Unbiased	99.756	99.754	-0.002
26	3	LDR-Unbiased	99.755	99.755	0
27	3	LDR-Unbiased	99.754	99.755	0.001
46	10	LDR-Biased	99.756	99.749	-0.007
48	10	LDR-Biased	99.756	99.748	-0.008
49	10	LDR-Biased	99.755	99.747	-0.008
50	10	LDR-Biased	99.754	99.749	-0.005
51	10	LDR-Biased	99.757	99.747	-0.01
52	10	LDR-Unbiased	99.754	99.749	-0.005
53	10	LDR-Unbiased	99.757	99.748	-0.009
55	10	LDR-Unbiased	99.756	99.747	-0.009
56	10	LDR-Unbiased	99.755	99.747	-0.008
57	10	LDR-Unbiased	99.754	99.748	-0.006
76	30	LDR-Biased	99.756	99.759	0.003
78	30	LDR-Biased	99.756	99.757	0.001
79	30	LDR-Biased	99.755	99.756	0.001
80	30	LDR-Biased	99.754	99.758	0.004
81	30	LDR-Biased	99.757	99.757	0
82	30	LDR-Unbiased	99.754	99.759	0.005
83	30	LDR-Unbiased	99.757	99.758	0.001
84	30	LDR-Unbiased	99.754	99.758	0.004
85	30	LDR-Unbiased	99.756	99.756	0
86	30	LDR-Unbiased	99.755	99.758	0.003
87	100	LDR-Biased	99.755	99.755	0
88	100	LDR-Biased	99.755	99.755	0
90	100	LDR-Biased	99.756	99.754	-0.002
91	100	LDR-Unbiased	99.755	99.755	0
93	100	LDR-Unbiased	99.757	99.754	-0.003
94	100	LDR-Unbiased	99.756	99.756	0
95	100	LDR-Unbiased	99.755	99.755	0
96	100	LDR-Unbiased	99.755	99.755	0
106	50	LDR-Biased	99.756	99.754	-0.002
108	50	LDR-Biased	99.756	99.75	-0.006
109	50	LDR-Biased	99.755	99.749	-0.006
110	50	LDR-Biased	99.754	99.751	-0.003
111	50	LDR-Biased	99.757	99.749	-0.008
112	50	LDR-Unbiased	99.754	99.75	-0.004
113	50	LDR-Unbiased	99.757	99.749	-0.008
115	50	LDR-Unbiased	99.756	99.748	-0.008
116	50	LDR-Unbiased	99.755	99.749	-0.006
117	50	LDR-Unbiased	99.754	99.749	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.755	99.755	99.755	0	99.755	99.755	99.755	0	0	0	0	0
3	99.754	99.755	99.757	0.0011738	99.754	99.756	99.758	0.0013499	-0.003	0.0002	0.003	0.0019889
10	99.754	99.755	99.757	0.0011738	99.747	99.748	99.749	0.0008756	-0.01	-0.0075	-0.005	0.0017159
30	99.754	99.755	99.757	0.0011738	99.756	99.758	99.759	0.001075	0	0.0022	0.005	0.0018135
50	99.754	99.755	99.757	0.0011738	99.748	99.75	99.754	0.0016865	-0.008	-0.0056	-0.002	0.0021187
100	99.755	99.755	99.757	0.00075593	99.754	99.755	99.756	0.00064087	-0.003	-0.000625	0	0.0011877

Device Test: 6.52 VOL_2mA_EN1/EN1/1.6/3/0/0/2/@VOL_EN_2MA





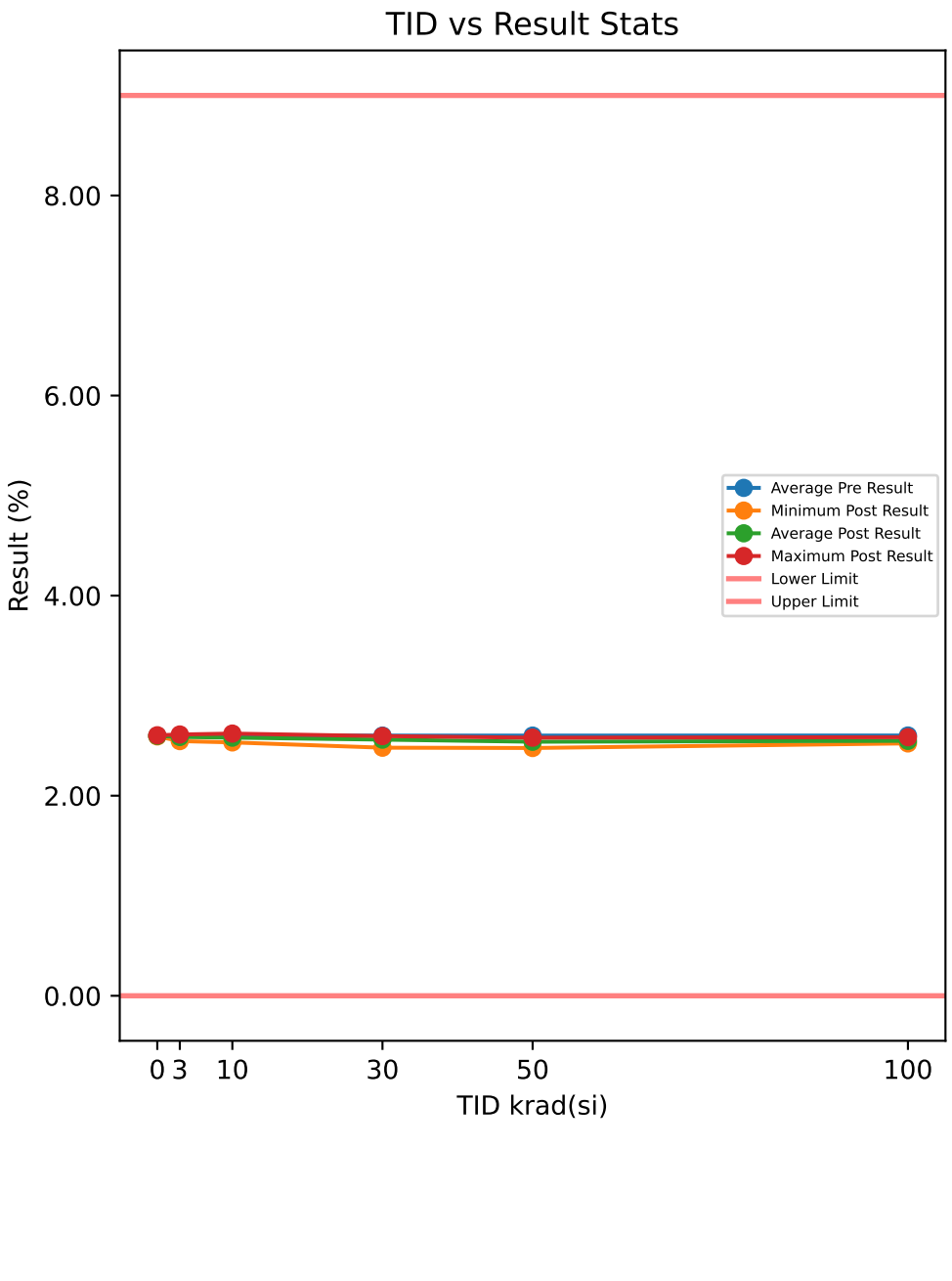
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

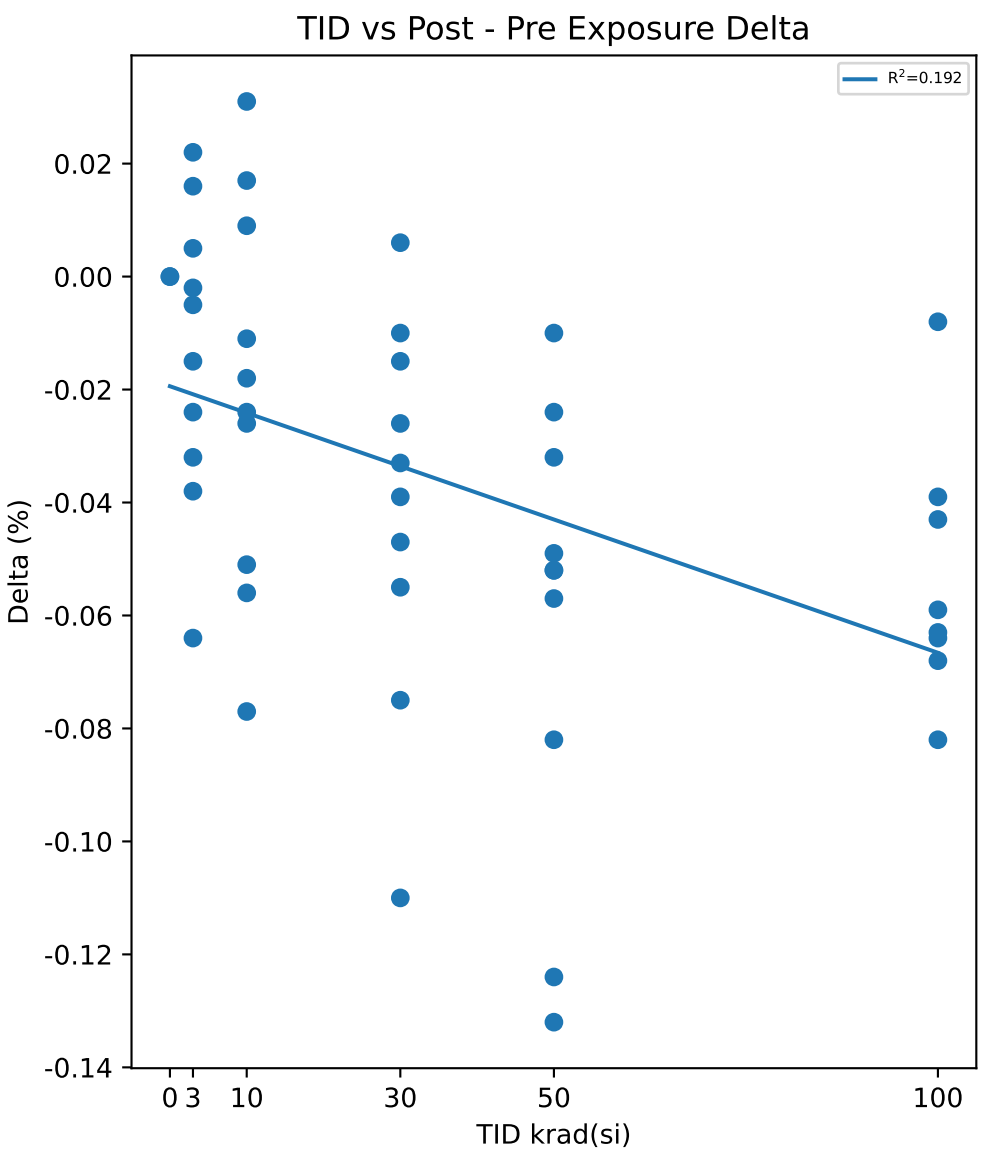
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.696	2.696	0
7	0	Correlation	2.711	2.711	0
16	3	LDR-Biased	2.703	2.66	-0.043
18	3	LDR-Biased	2.679	2.651	-0.028
19	3	LDR-Biased	2.702	2.668	-0.034
20	3	LDR-Biased	2.696	2.657	-0.039
21	3	LDR-Biased	2.717	2.7	-0.017
22	3	LDR-Unbiased	2.694	2.698	0.004
23	3	LDR-Unbiased	2.685	2.689	0.004
25	3	LDR-Unbiased	2.711	2.689	-0.022
26	3	LDR-Unbiased	2.723	2.698	-0.025
27	3	LDR-Unbiased	2.683	2.708	0.025
46	10	LDR-Biased	2.703	2.645	-0.058
48	10	LDR-Biased	2.679	2.632	-0.047
49	10	LDR-Biased	2.702	2.646	-0.056
50	10	LDR-Biased	2.696	2.638	-0.058
51	10	LDR-Biased	2.717	2.683	-0.034
52	10	LDR-Unbiased	2.694	2.707	0.013
53	10	LDR-Unbiased	2.685	2.695	0.01
55	10	LDR-Unbiased	2.711	2.694	-0.017
56	10	LDR-Unbiased	2.723	2.698	-0.025
57	10	LDR-Unbiased	2.683	2.71	0.027
76	30	LDR-Biased	2.703	2.649	-0.054
78	30	LDR-Biased	2.679	2.57	-0.109
79	30	LDR-Biased	2.702	2.648	-0.054
80	30	LDR-Biased	2.696	2.643	-0.053
81	30	LDR-Biased	2.717	2.668	-0.049
82	30	LDR-Unbiased	2.694	2.68	-0.014
83	30	LDR-Unbiased	2.685	2.669	-0.016
84	30	LDR-Unbiased	2.683	2.681	-0.002
85	30	LDR-Unbiased	2.711	2.667	-0.044
86	30	LDR-Unbiased	2.723	2.674	-0.049
87	100	LDR-Biased	2.722	2.63	-0.092
88	100	LDR-Biased	2.718	2.685	-0.033
90	100	LDR-Biased	2.683	2.688	0.005
91	100	LDR-Unbiased	2.686	2.62	-0.066
93	100	LDR-Unbiased	2.717	2.633	-0.084
94	100	LDR-Unbiased	2.704	2.618	-0.086
95	100	LDR-Unbiased	2.685	2.64	-0.045
96	100	LDR-Unbiased	2.685	2.626	-0.059
106	50	LDR-Biased	2.703	2.589	-0.114
108	50	LDR-Biased	2.679	2.6	-0.079
109	50	LDR-Biased	2.702	2.622	-0.08
110	50	LDR-Biased	2.696	2.567	-0.129
111	50	LDR-Biased	2.717	2.652	-0.065
112	50	LDR-Unbiased	2.694	2.665	-0.029
113	50	LDR-Unbiased	2.685	2.652	-0.033
115	50	LDR-Unbiased	2.711	2.651	-0.06
116	50	LDR-Unbiased	2.723	2.663	-0.06
117	50	LDR-Unbiased	2.683	2.667	-0.016

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.696	2.7035	2.711	0.010607	2.696	2.7035	2.711	0.010607	0	0	0	0
3	2.679	2.6993	2.723	0.014735	2.651	2.6818	2.708	0.020751	-0.043	-0.0175	0.025	0.021864
10	2.679	2.6993	2.723	0.014735	2.632	2.6748	2.71	0.030843	-0.058	-0.0245	0.027	0.031865
30	2.679	2.6993	2.723	0.014735	2.57	2.6549	2.681	0.032702	-0.109	-0.0444	-0.002	0.029819
50	2.679	2.6993	2.723	0.014735	2.567	2.6328	2.667	0.035944	-0.129	-0.0665	-0.016	0.036004
100	2.683	2.7	2.722	0.017105	2.618	2.6425	2.688	0.028051	-0.092	-0.0575	0.005	0.032606

Device Test: 6.53 VOL_2mA_EN2/EN2/1.6/3/0/0/2/@VOL_EN_2MA





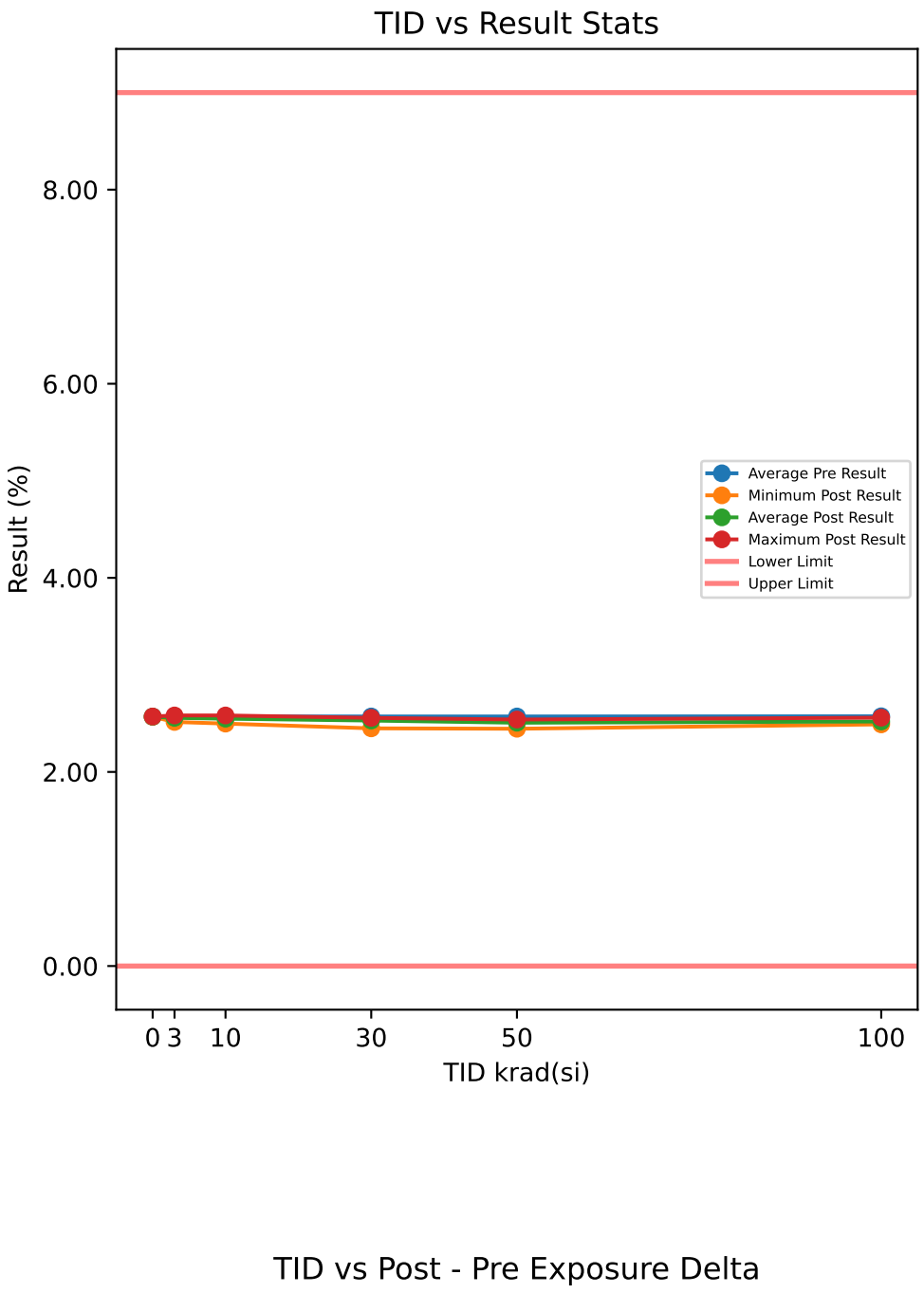
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

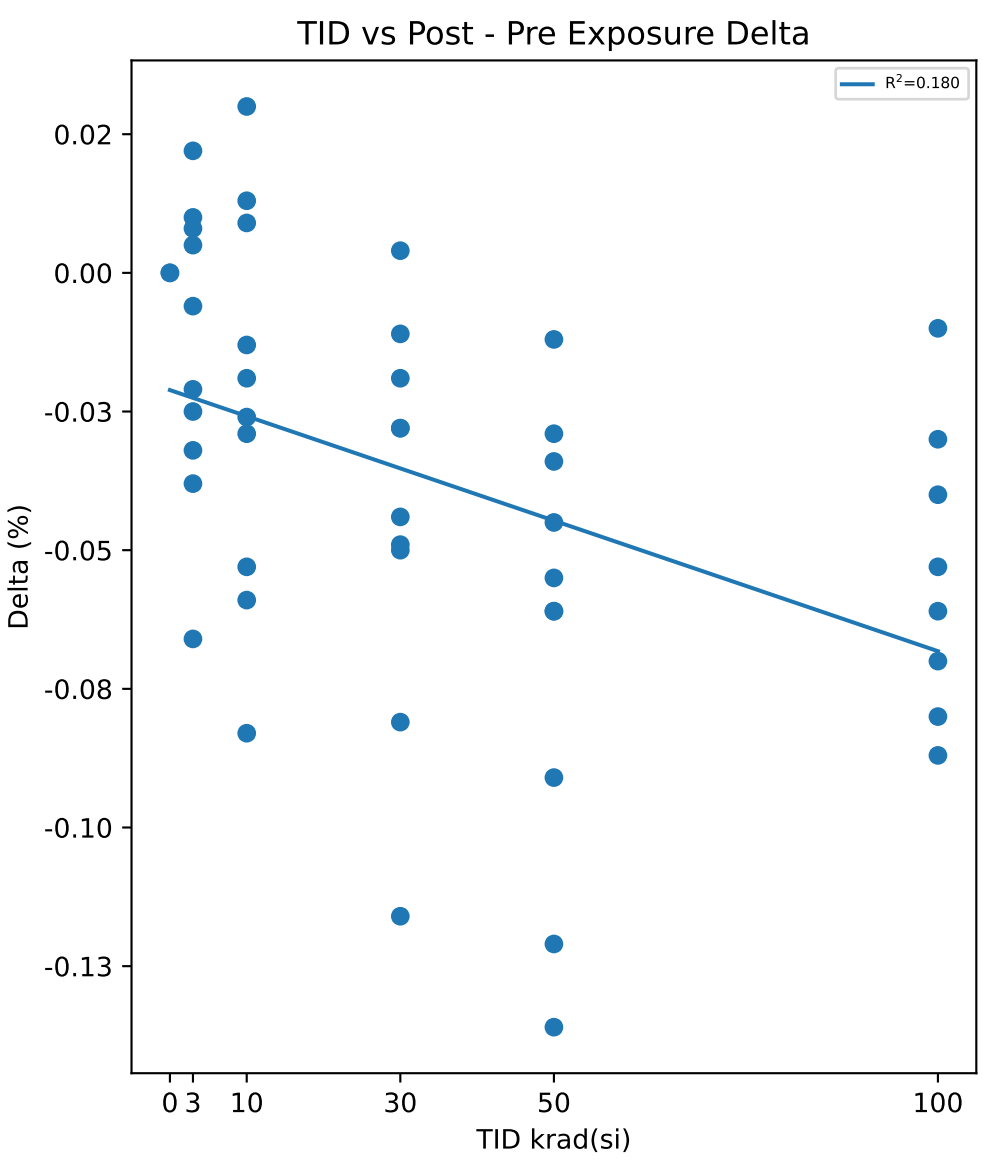
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.593	2.593	0
7	0	Correlation	2.604	2.604	0
16	3	LDR-Biased	2.61	2.546	-0.064
18	3	LDR-Biased	2.59	2.558	-0.032
19	3	LDR-Biased	2.602	2.597	-0.005
20	3	LDR-Biased	2.601	2.563	-0.038
21	3	LDR-Biased	2.609	2.607	-0.002
22	3	LDR-Unbiased	2.59	2.612	0.022
23	3	LDR-Unbiased	2.599	2.604	0.005
25	3	LDR-Unbiased	2.598	2.583	-0.015
26	3	LDR-Unbiased	2.618	2.594	-0.024
27	3	LDR-Unbiased	2.593	2.609	0.016
46	10	LDR-Biased	2.61	2.533	-0.077
48	10	LDR-Biased	2.59	2.539	-0.051
49	10	LDR-Biased	2.602	2.576	-0.026
50	10	LDR-Biased	2.601	2.545	-0.056
51	10	LDR-Biased	2.609	2.591	-0.018
52	10	LDR-Unbiased	2.59	2.621	0.031
53	10	LDR-Unbiased	2.599	2.608	0.009
55	10	LDR-Unbiased	2.598	2.587	-0.011
56	10	LDR-Unbiased	2.618	2.594	-0.024
57	10	LDR-Unbiased	2.593	2.61	0.017
76	30	LDR-Biased	2.61	2.535	-0.075
78	30	LDR-Biased	2.59	2.48	-0.11
79	30	LDR-Biased	2.602	2.576	-0.026
80	30	LDR-Biased	2.601	2.546	-0.055
81	30	LDR-Biased	2.609	2.576	-0.033
82	30	LDR-Unbiased	2.59	2.596	0.006
83	30	LDR-Unbiased	2.599	2.584	-0.015
84	30	LDR-Unbiased	2.593	2.583	-0.01
85	30	LDR-Unbiased	2.598	2.559	-0.039
86	30	LDR-Unbiased	2.618	2.571	-0.047
87	100	LDR-Biased	2.614	2.532	-0.082
88	100	LDR-Biased	2.625	2.582	-0.043
90	100	LDR-Biased	2.593	2.585	-0.008
91	100	LDR-Unbiased	2.582	2.523	-0.059
93	100	LDR-Unbiased	2.609	2.545	-0.064
94	100	LDR-Unbiased	2.611	2.543	-0.068
95	100	LDR-Unbiased	2.586	2.547	-0.039
96	100	LDR-Unbiased	2.594	2.531	-0.063
106	50	LDR-Biased	2.61	2.478	-0.132
108	50	LDR-Biased	2.59	2.508	-0.082
109	50	LDR-Biased	2.602	2.55	-0.052
110	50	LDR-Biased	2.601	2.477	-0.124
111	50	LDR-Biased	2.609	2.56	-0.049
112	50	LDR-Unbiased	2.59	2.58	-0.01
113	50	LDR-Unbiased	2.599	2.567	-0.032
115	50	LDR-Unbiased	2.598	2.546	-0.052
116	50	LDR-Unbiased	2.618	2.561	-0.057
117	50	LDR-Unbiased	2.593	2.569	-0.024

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.593	2.5985	2.604	0.0077782	2.593	2.5985	2.604	0.0077782	0	0	0	0
3	2.59	2.601	2.618	0.009153	2.546	2.5873	2.612	0.023711	-0.064	-0.0137	0.022	0.02642
10	2.59	2.601	2.618	0.009153	2.533	2.5804	2.621	0.031377	-0.077	-0.0206	0.031	0.034076
30	2.59	2.601	2.618	0.009153	2.48	2.5606	2.596	0.033751	-0.11	-0.0404	0.006	0.033804
50	2.59	2.601	2.618	0.009153	2.477	2.5396	2.58	0.03798	-0.132	-0.0614	-0.01	0.040253
100	2.582	2.6018	2.625	0.015135	2.523	2.5485	2.585	0.023078	-0.082	-0.05325	-0.008	0.022814

Device Test: 6.54 VOL_2mA_EN3/EN3/1.6/3/0/0/2/@VOL_EN_2MA





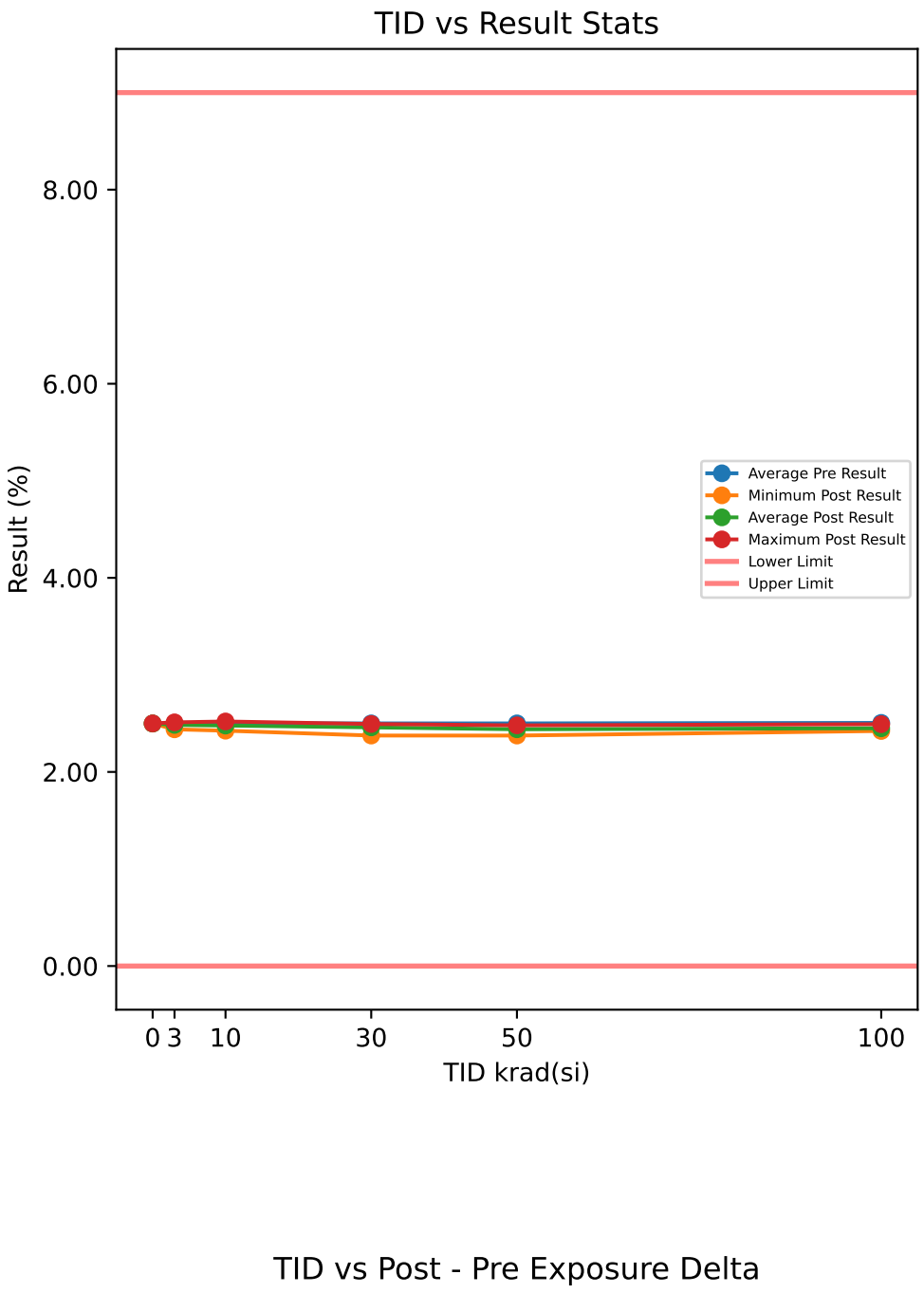
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

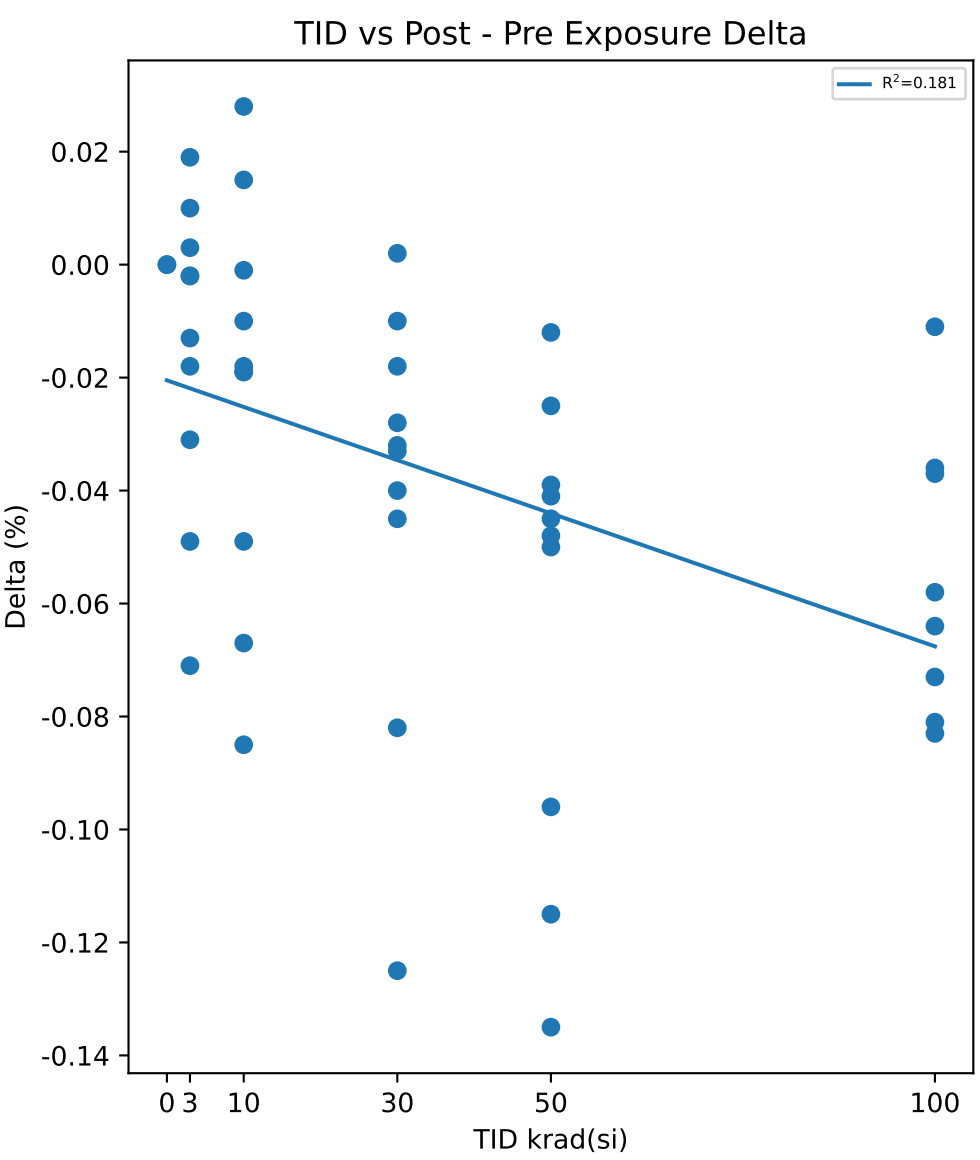
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.568	2.568	0
7	0	Correlation	2.571	2.571	0
16	3	LDR-Biased	2.581	2.515	-0.066
18	3	LDR-Biased	2.565	2.527	-0.038
19	3	LDR-Biased	2.578	2.572	-0.006
20	3	LDR-Biased	2.567	2.535	-0.032
21	3	LDR-Biased	2.577	2.582	0.005
22	3	LDR-Unbiased	2.552	2.574	0.022
23	3	LDR-Unbiased	2.568	2.578	0.01
25	3	LDR-Unbiased	2.568	2.547	-0.021
26	3	LDR-Unbiased	2.589	2.564	-0.025
27	3	LDR-Unbiased	2.57	2.578	0.008
46	10	LDR-Biased	2.581	2.498	-0.083
48	10	LDR-Biased	2.565	2.506	-0.059
49	10	LDR-Biased	2.578	2.549	-0.029
50	10	LDR-Biased	2.567	2.514	-0.053
51	10	LDR-Biased	2.577	2.564	-0.013
52	10	LDR-Unbiased	2.552	2.582	0.03
53	10	LDR-Unbiased	2.568	2.581	0.013
55	10	LDR-Unbiased	2.568	2.549	-0.019
56	10	LDR-Unbiased	2.589	2.563	-0.026
57	10	LDR-Unbiased	2.57	2.579	0.009
76	30	LDR-Biased	2.581	2.5	-0.081
78	30	LDR-Biased	2.565	2.449	-0.116
79	30	LDR-Biased	2.578	2.55	-0.028
80	30	LDR-Biased	2.567	2.518	-0.049
81	30	LDR-Biased	2.577	2.549	-0.028
82	30	LDR-Unbiased	2.552	2.556	0.004
83	30	LDR-Unbiased	2.568	2.557	-0.011
84	30	LDR-Unbiased	2.57	2.551	-0.019
85	30	LDR-Unbiased	2.568	2.524	-0.044
86	30	LDR-Unbiased	2.589	2.539	-0.05
87	100	LDR-Biased	2.594	2.507	-0.087
88	100	LDR-Biased	2.596	2.556	-0.04
90	100	LDR-Biased	2.569	2.559	-0.01
91	100	LDR-Unbiased	2.543	2.49	-0.053
93	100	LDR-Unbiased	2.577	2.516	-0.061
94	100	LDR-Unbiased	2.583	2.513	-0.07
95	100	LDR-Unbiased	2.554	2.524	-0.03
96	100	LDR-Unbiased	2.571	2.491	-0.08
106	50	LDR-Biased	2.581	2.445	-0.136
108	50	LDR-Biased	2.565	2.474	-0.091
109	50	LDR-Biased	2.578	2.523	-0.055
110	50	LDR-Biased	2.567	2.446	-0.121
111	50	LDR-Biased	2.577	2.532	-0.045
112	50	LDR-Unbiased	2.552	2.54	-0.012
113	50	LDR-Unbiased	2.568	2.539	-0.029
115	50	LDR-Unbiased	2.568	2.507	-0.061
116	50	LDR-Unbiased	2.589	2.528	-0.061
117	50	LDR-Unbiased	2.57	2.536	-0.034

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.568	2.5695	2.571	0.0021213	2.568	2.5695	2.571	0.0021213	0	0	0	0
3	2.552	2.5715	2.589	0.010212	2.515	2.5572	2.582	0.024307	-0.066	-0.0143	0.022	0.026986
10	2.552	2.5715	2.589	0.010212	2.498	2.5485	2.582	0.031809	-0.083	-0.023	0.03	0.035097
30	2.552	2.5715	2.589	0.010212	2.449	2.5293	2.557	0.033869	-0.116	-0.0422	0.004	0.035137
50	2.552	2.5715	2.589	0.010212	2.445	2.507	2.54	0.037903	-0.136	-0.0645	-0.012	0.040067
100	2.543	2.5734	2.596	0.018384	2.49	2.5195	2.559	0.026203	-0.087	-0.053875	-0.01	0.026128

Device Test: 6.55 VOL_2mA_EN4/EN4/1.6/3/0/0/2/@VOL_EN_2MA





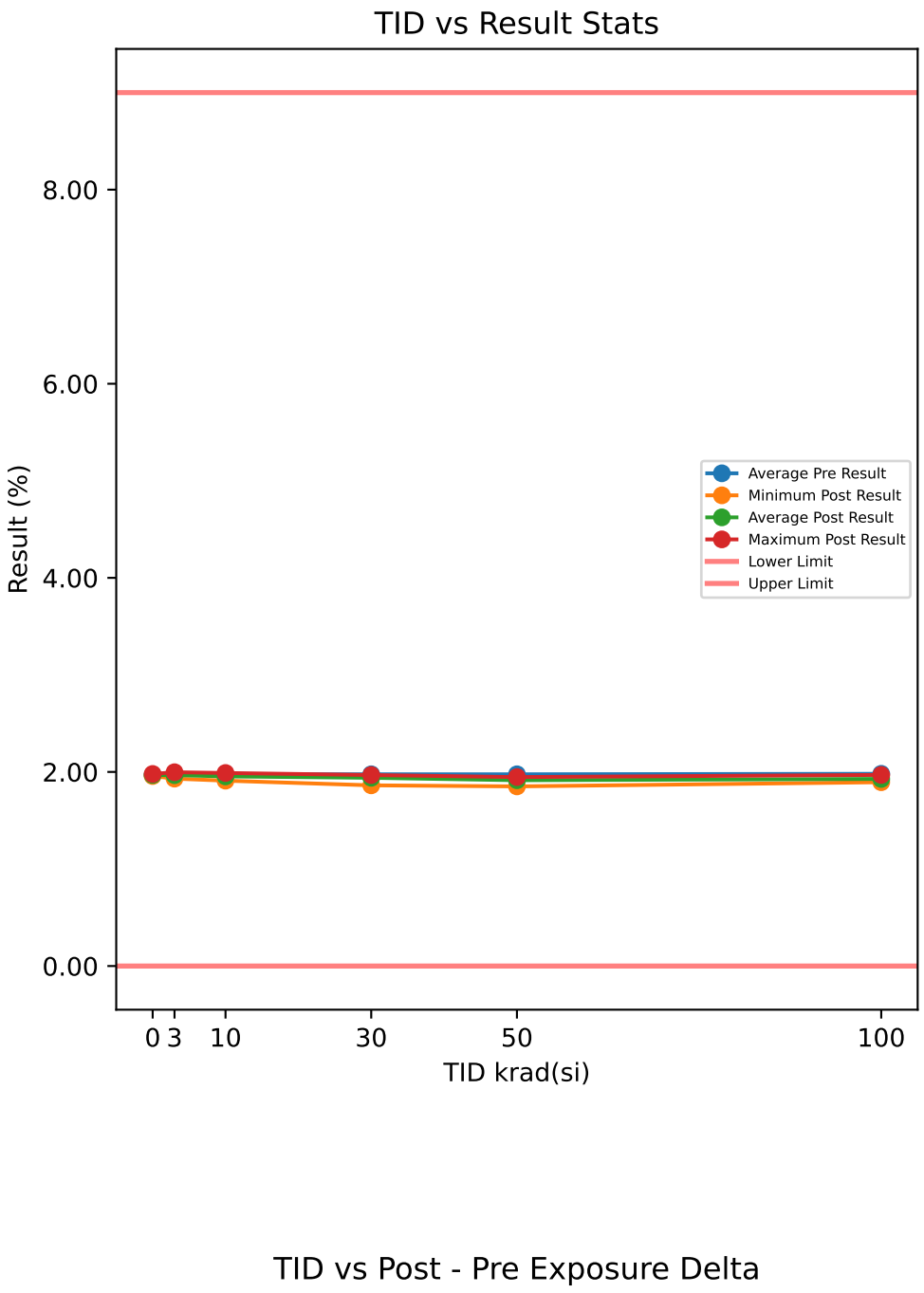
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

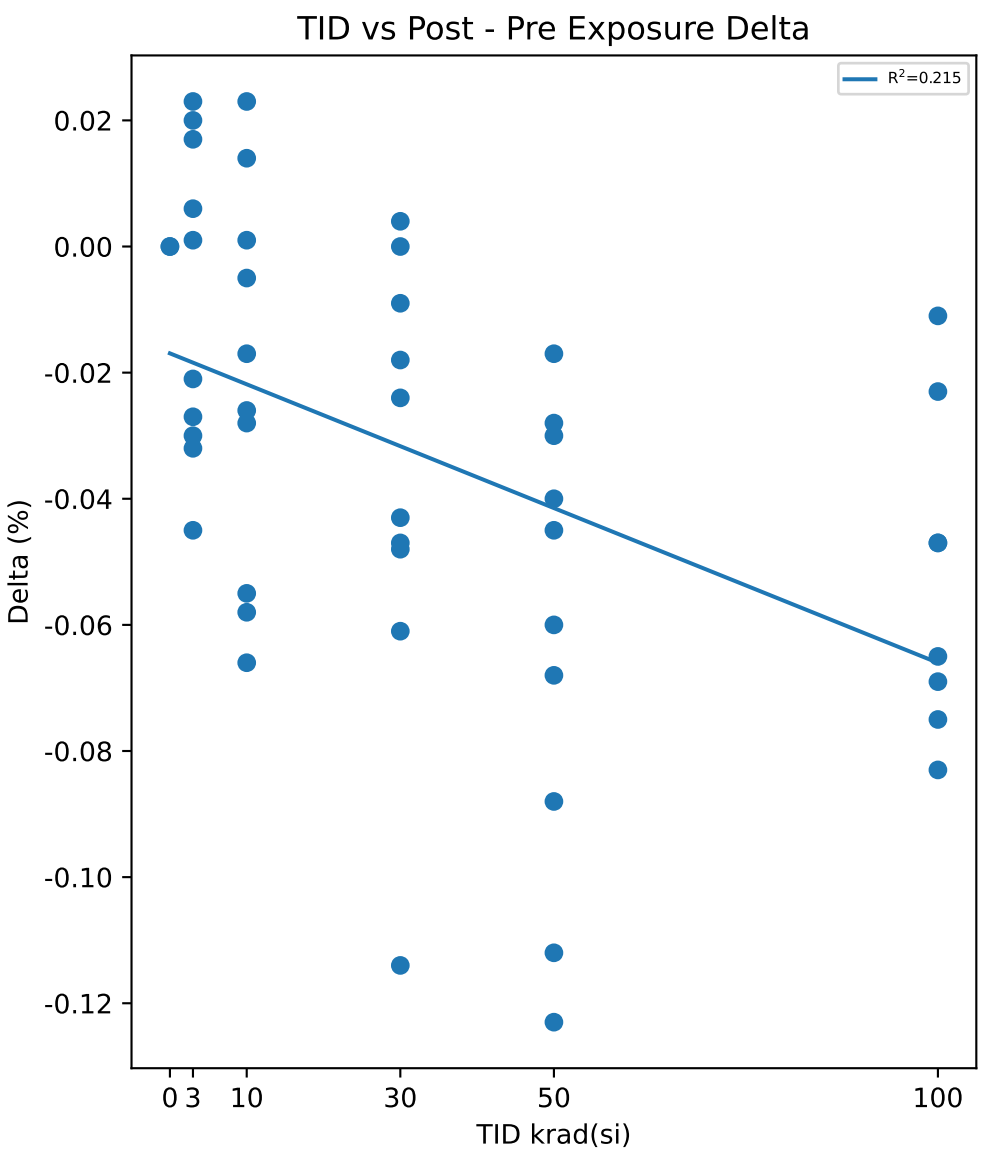
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.498	2.498	0
7	0	Correlation	2.5	2.5	0
16	3	LDR-Biased	2.51	2.439	-0.071
18	3	LDR-Biased	2.5	2.451	-0.049
19	3	LDR-Biased	2.499	2.502	0.003
20	3	LDR-Biased	2.494	2.463	-0.031
21	3	LDR-Biased	2.508	2.506	-0.002
22	3	LDR-Unbiased	2.492	2.511	0.019
23	3	LDR-Unbiased	2.492	2.502	0.01
25	3	LDR-Unbiased	2.491	2.478	-0.013
26	3	LDR-Unbiased	2.513	2.495	-0.018
27	3	LDR-Unbiased	2.503	2.501	-0.002
46	10	LDR-Biased	2.51	2.425	-0.085
48	10	LDR-Biased	2.5	2.433	-0.067
49	10	LDR-Biased	2.499	2.48	-0.019
50	10	LDR-Biased	2.494	2.445	-0.049
51	10	LDR-Biased	2.508	2.49	-0.018
52	10	LDR-Unbiased	2.492	2.52	0.028
53	10	LDR-Unbiased	2.492	2.507	0.015
55	10	LDR-Unbiased	2.491	2.481	-0.01
56	10	LDR-Unbiased	2.513	2.494	-0.019
57	10	LDR-Unbiased	2.503	2.502	-0.001
76	30	LDR-Biased	2.51	2.428	-0.082
78	30	LDR-Biased	2.5	2.375	-0.125
79	30	LDR-Biased	2.499	2.481	-0.018
80	30	LDR-Biased	2.494	2.449	-0.045
81	30	LDR-Biased	2.508	2.476	-0.032
82	30	LDR-Unbiased	2.492	2.494	0.002
83	30	LDR-Unbiased	2.492	2.482	-0.01
84	30	LDR-Unbiased	2.503	2.475	-0.028
85	30	LDR-Unbiased	2.491	2.458	-0.033
86	30	LDR-Unbiased	2.513	2.473	-0.04
87	100	LDR-Biased	2.52	2.439	-0.081
88	100	LDR-Biased	2.524	2.488	-0.036
90	100	LDR-Biased	2.503	2.492	-0.011
91	100	LDR-Unbiased	2.484	2.426	-0.058
93	100	LDR-Unbiased	2.508	2.444	-0.064
94	100	LDR-Unbiased	2.512	2.439	-0.073
95	100	LDR-Unbiased	2.486	2.449	-0.037
96	100	LDR-Unbiased	2.505	2.422	-0.083
106	50	LDR-Biased	2.51	2.375	-0.135
108	50	LDR-Biased	2.5	2.404	-0.096
109	50	LDR-Biased	2.499	2.458	-0.041
110	50	LDR-Biased	2.494	2.379	-0.115
111	50	LDR-Biased	2.508	2.463	-0.045
112	50	LDR-Unbiased	2.492	2.48	-0.012
113	50	LDR-Unbiased	2.492	2.467	-0.025
115	50	LDR-Unbiased	2.491	2.443	-0.048
116	50	LDR-Unbiased	2.513	2.463	-0.05
117	50	LDR-Unbiased	2.503	2.464	-0.039

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.498	2.499	2.5	0.0014142	2.498	2.499	2.5	0.0014142	0	0	0	0
3	2.491	2.5002	2.513	0.0080802	2.439	2.4848	2.511	0.025507	-0.071	-0.0154	0.019	0.027893
10	2.491	2.5002	2.513	0.0080802	2.425	2.4777	2.52	0.032517	-0.085	-0.0225	0.028	0.03529
30	2.491	2.5002	2.513	0.0080802	2.375	2.4591	2.494	0.035114	-0.125	-0.0411	0.002	0.037129
50	2.491	2.5002	2.513	0.0080802	2.375	2.4396	2.48	0.038782	-0.135	-0.0606	-0.012	0.040473
100	2.484	2.5053	2.524	0.01439	2.422	2.4499	2.492	0.026314	-0.083	-0.055375	-0.011	0.025337

Device Test: 6.56 VOL_2mA_SEQ/SEQ_DONE/1.6/3/0/0/2/@VOL_SEQ_DONE_2MA





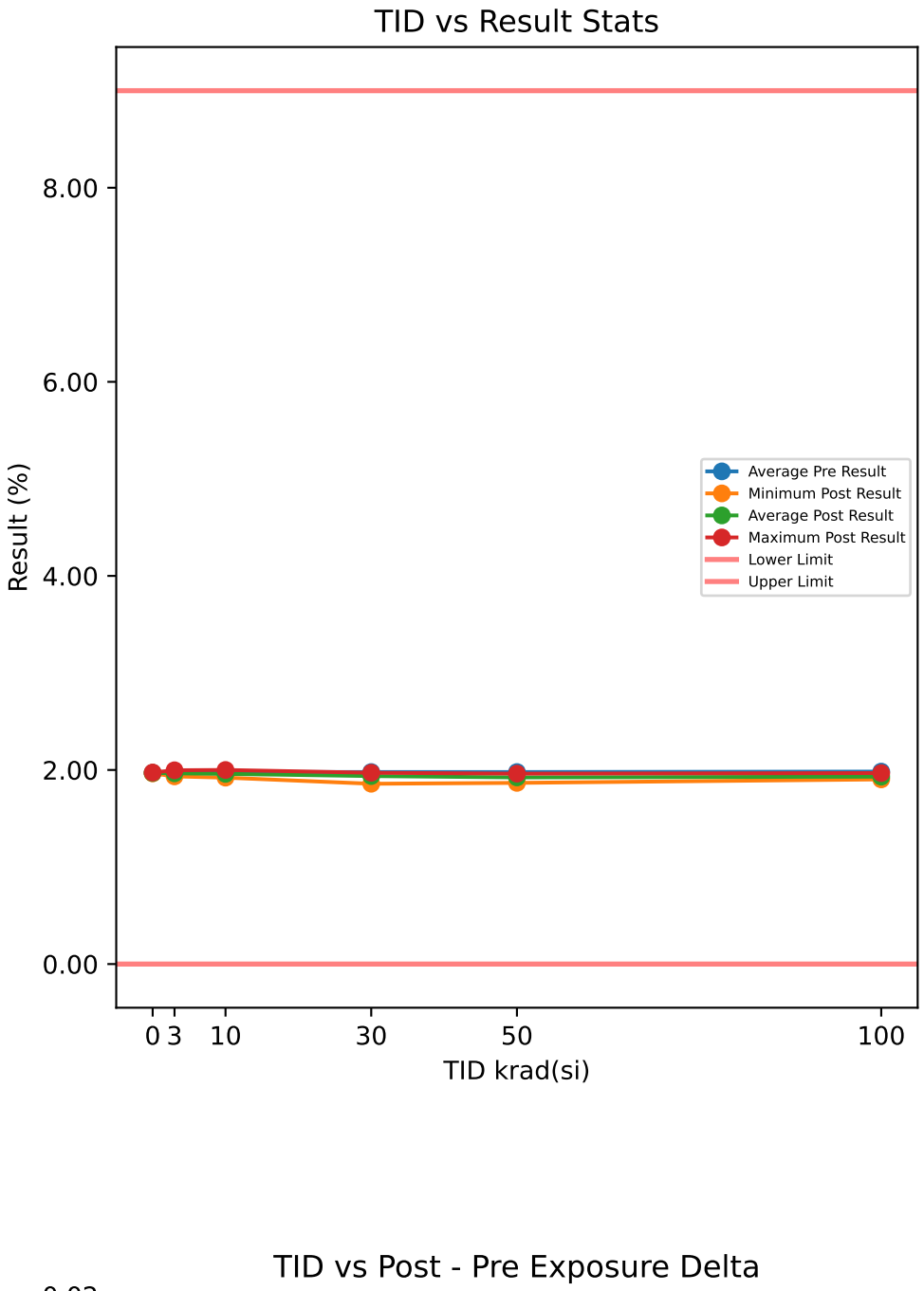
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

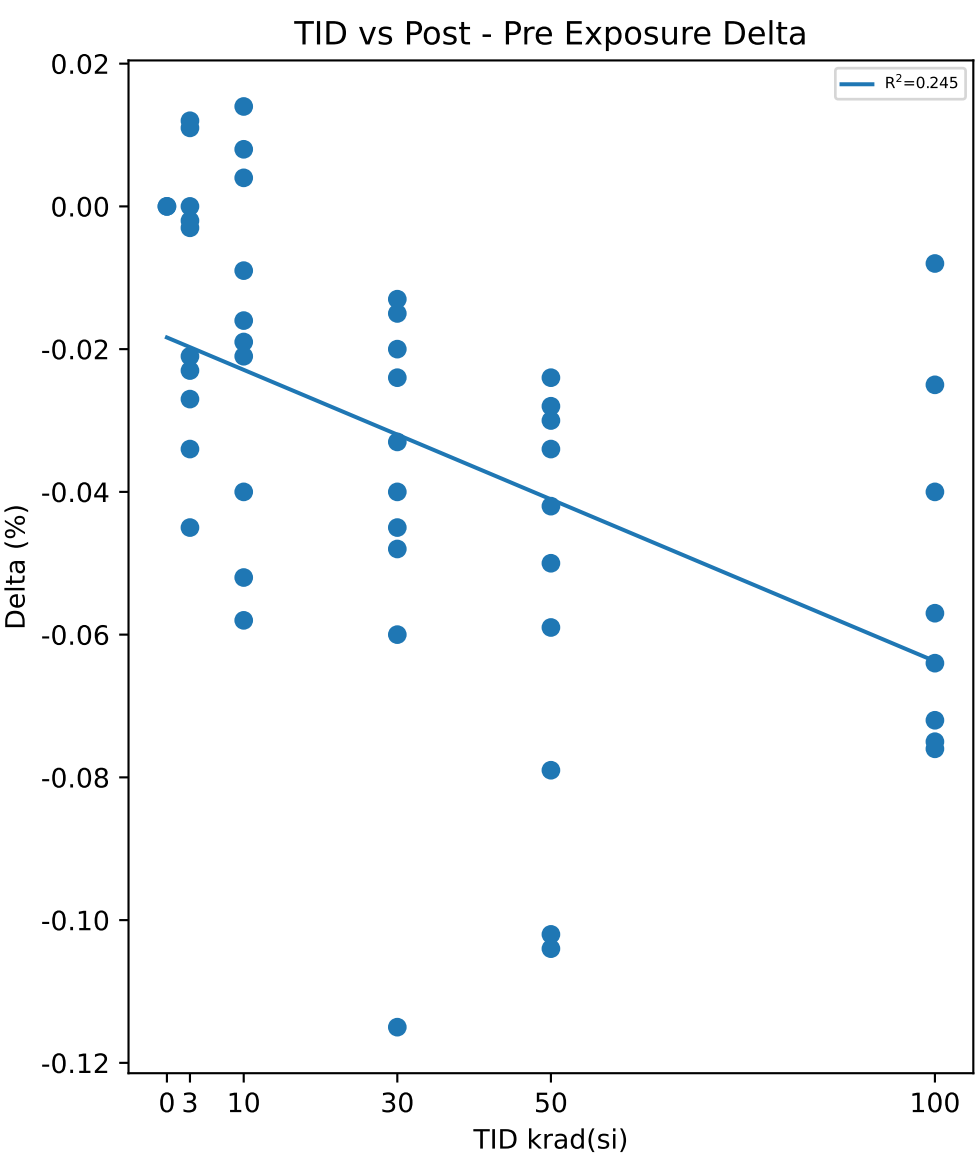
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.979	1.979	0
7	0	Correlation	1.958	1.958	0
16	3	LDR-Biased	1.976	1.931	-0.045
18	3	LDR-Biased	1.976	1.944	-0.032
19	3	LDR-Biased	1.964	1.987	0.023
20	3	LDR-Biased	1.974	1.944	-0.03
21	3	LDR-Biased	1.991	1.997	0.006
22	3	LDR-Unbiased	1.964	1.984	0.02
23	3	LDR-Unbiased	1.973	1.974	0.001
25	3	LDR-Unbiased	1.971	1.944	-0.027
26	3	LDR-Unbiased	1.992	1.971	-0.021
27	3	LDR-Unbiased	1.975	1.992	0.017
46	10	LDR-Biased	1.976	1.91	-0.066
48	10	LDR-Biased	1.976	1.918	-0.058
49	10	LDR-Biased	1.964	1.959	-0.005
50	10	LDR-Biased	1.974	1.919	-0.055
51	10	LDR-Biased	1.991	1.974	-0.017
52	10	LDR-Unbiased	1.964	1.987	0.023
53	10	LDR-Unbiased	1.973	1.974	0.001
55	10	LDR-Unbiased	1.971	1.943	-0.028
56	10	LDR-Unbiased	1.992	1.966	-0.026
57	10	LDR-Unbiased	1.975	1.989	0.014
76	30	LDR-Biased	1.976	1.915	-0.061
78	30	LDR-Biased	1.976	1.862	-0.114
79	30	LDR-Biased	1.964	1.964	0
80	30	LDR-Biased	1.974	1.927	-0.047
81	30	LDR-Biased	1.991	1.967	-0.024
82	30	LDR-Unbiased	1.964	1.968	0.004
83	30	LDR-Unbiased	1.973	1.955	-0.018
84	30	LDR-Unbiased	1.975	1.966	-0.009
85	30	LDR-Unbiased	1.971	1.923	-0.048
86	30	LDR-Unbiased	1.992	1.949	-0.043
87	100	LDR-Biased	2.001	1.918	-0.083
88	100	LDR-Biased	1.988	1.965	-0.023
90	100	LDR-Biased	1.98	1.969	-0.011
91	100	LDR-Unbiased	1.959	1.894	-0.065
93	100	LDR-Unbiased	1.992	1.917	-0.075
94	100	LDR-Unbiased	1.978	1.931	-0.047
95	100	LDR-Unbiased	1.968	1.921	-0.047
96	100	LDR-Unbiased	1.977	1.908	-0.069
106	50	LDR-Biased	1.976	1.864	-0.112
108	50	LDR-Biased	1.976	1.888	-0.088
109	50	LDR-Biased	1.964	1.934	-0.03
110	50	LDR-Biased	1.974	1.851	-0.123
111	50	LDR-Biased	1.991	1.946	-0.045
112	50	LDR-Unbiased	1.964	1.947	-0.017
113	50	LDR-Unbiased	1.973	1.933	-0.04
115	50	LDR-Unbiased	1.971	1.903	-0.068
116	50	LDR-Unbiased	1.992	1.932	-0.06
117	50	LDR-Unbiased	1.975	1.947	-0.028

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.958	1.9685	1.979	0.014849	1.958	1.9685	1.979	0.014849	0	0	0	0
3	1.964	1.9756	1.992	0.0094657	1.931	1.9668	1.997	0.023948	-0.045	-0.0088	0.023	0.024943
10	1.964	1.9756	1.992	0.0094657	1.91	1.9539	1.989	0.029554	-0.066	-0.0217	0.023	0.030797
30	1.964	1.9756	1.992	0.0094657	1.862	1.9396	1.968	0.033725	-0.114	-0.036	0.004	0.035144
50	1.964	1.9756	1.992	0.0094657	1.851	1.9145	1.947	0.035824	-0.123	-0.0611	-0.017	0.036373
100	1.959	1.9804	2.001	0.013341	1.894	1.9279	1.969	0.026417	-0.083	-0.0525	-0.011	0.025405

Device Test: 6.57 VOL_2mA_PWRGD/PWRGD/1.6/3/0/0/2/@VOL_PWRGD_2MA





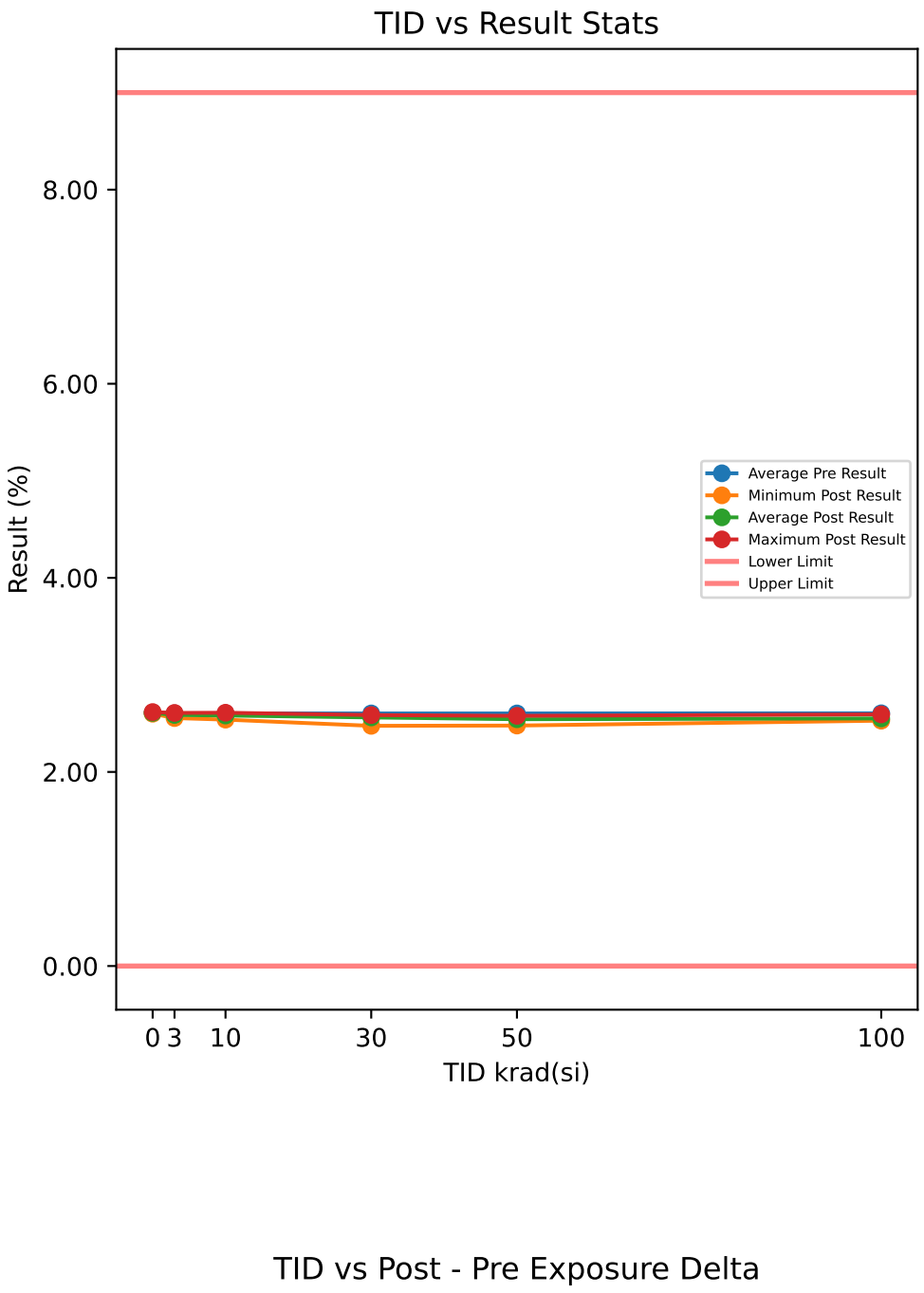
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

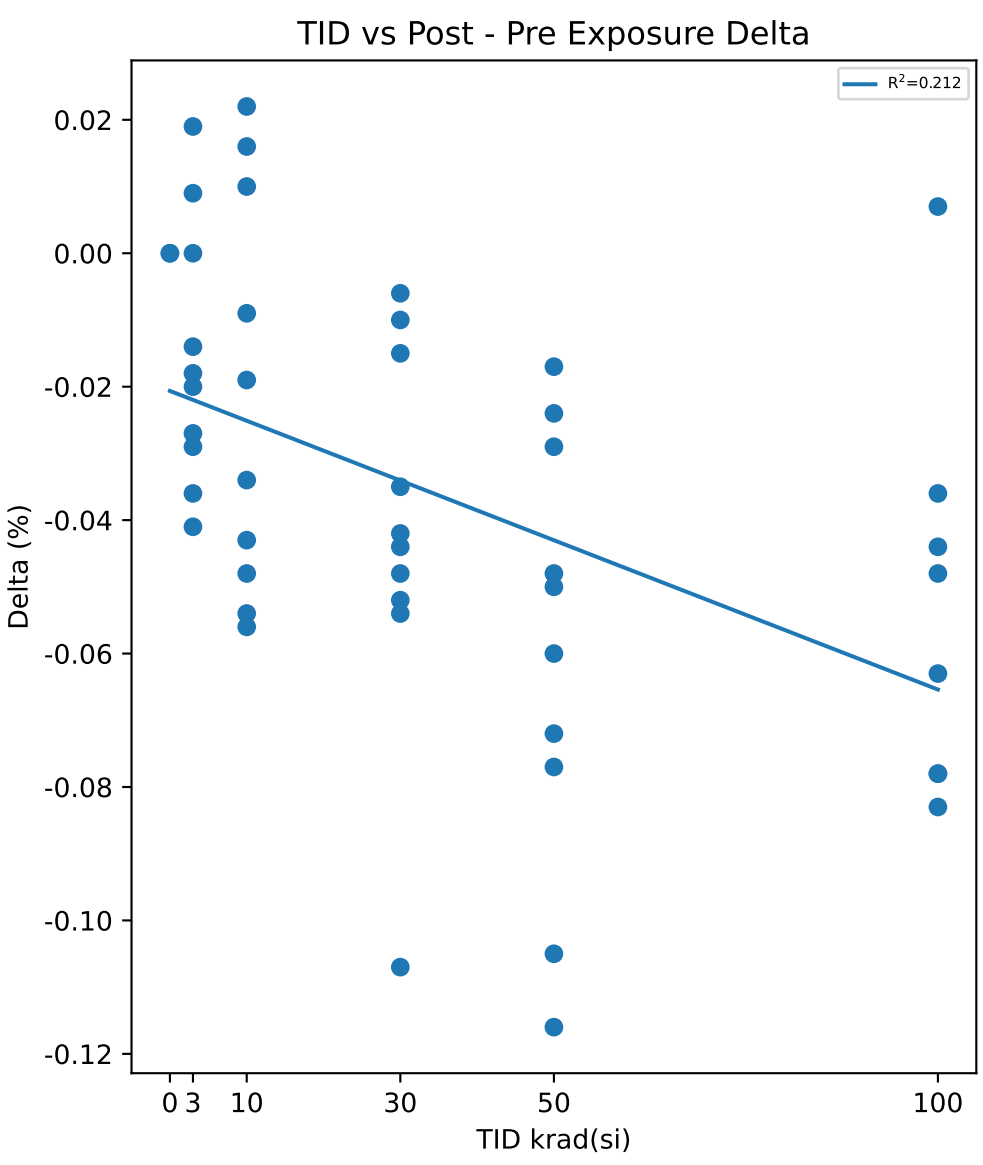
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.974	1.974	0
7	0	Correlation	1.965	1.965	0
16	3	LDR-Biased	1.979	1.934	-0.045
18	3	LDR-Biased	1.973	1.939	-0.034
19	3	LDR-Biased	1.976	1.988	0.012
20	3	LDR-Biased	1.971	1.948	-0.023
21	3	LDR-Biased	1.993	1.993	0
22	3	LDR-Unbiased	1.972	1.97	-0.002
23	3	LDR-Unbiased	1.974	1.971	-0.003
25	3	LDR-Unbiased	1.974	1.947	-0.027
26	3	LDR-Unbiased	1.988	1.967	-0.021
27	3	LDR-Unbiased	1.986	1.997	0.011
46	10	LDR-Biased	1.979	1.921	-0.058
48	10	LDR-Biased	1.973	1.921	-0.052
49	10	LDR-Biased	1.976	1.967	-0.009
50	10	LDR-Biased	1.971	1.931	-0.04
51	10	LDR-Biased	1.993	1.977	-0.016
52	10	LDR-Unbiased	1.972	1.98	0.008
53	10	LDR-Unbiased	1.974	1.978	0.004
55	10	LDR-Unbiased	1.974	1.953	-0.021
56	10	LDR-Unbiased	1.988	1.969	-0.019
57	10	LDR-Unbiased	1.986	2	0.014
76	30	LDR-Biased	1.979	1.919	-0.06
78	30	LDR-Biased	1.973	1.858	-0.115
79	30	LDR-Biased	1.976	1.963	-0.013
80	30	LDR-Biased	1.971	1.931	-0.04
81	30	LDR-Biased	1.993	1.96	-0.033
82	30	LDR-Unbiased	1.972	1.952	-0.02
83	30	LDR-Unbiased	1.974	1.95	-0.024
84	30	LDR-Unbiased	1.986	1.971	-0.015
85	30	LDR-Unbiased	1.974	1.926	-0.048
86	30	LDR-Unbiased	1.988	1.943	-0.045
87	100	LDR-Biased	1.993	1.918	-0.075
88	100	LDR-Biased	1.99	1.965	-0.025
90	100	LDR-Biased	1.976	1.968	-0.008
91	100	LDR-Unbiased	1.967	1.903	-0.064
93	100	LDR-Unbiased	1.992	1.916	-0.076
94	100	LDR-Unbiased	1.981	1.941	-0.04
95	100	LDR-Unbiased	1.978	1.921	-0.057
96	100	LDR-Unbiased	1.988	1.916	-0.072
106	50	LDR-Biased	1.979	1.877	-0.102
108	50	LDR-Biased	1.973	1.894	-0.079
109	50	LDR-Biased	1.976	1.946	-0.03
110	50	LDR-Biased	1.971	1.867	-0.104
111	50	LDR-Biased	1.993	1.951	-0.042
112	50	LDR-Unbiased	1.972	1.944	-0.028
113	50	LDR-Unbiased	1.974	1.94	-0.034
115	50	LDR-Unbiased	1.974	1.915	-0.059
116	50	LDR-Unbiased	1.988	1.938	-0.05
117	50	LDR-Unbiased	1.986	1.962	-0.024

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.965	1.9695	1.974	0.006364	1.965	1.9695	1.974	0.006364	0	0	0	0
3	1.971	1.9786	1.993	0.0076913	1.934	1.9654	1.997	0.022731	-0.045	-0.0132	0.012	0.019481
10	1.971	1.9786	1.993	0.0076913	1.921	1.9597	2	0.027232	-0.058	-0.0189	0.014	0.024745
30	1.971	1.9786	1.993	0.0076913	1.858	1.9373	1.971	0.03251	-0.115	-0.0413	-0.013	0.030104
50	1.971	1.9786	1.993	0.0076913	1.867	1.9234	1.962	0.033241	-0.104	-0.0552	-0.024	0.030095
100	1.967	1.9831	1.993	0.009172	1.903	1.931	1.968	0.024284	-0.076	-0.052125	-0.008	0.025306

Device Test: 6.58 VOL_2mA_EN1/EN1/1.6/14/0/0/2/@VOL_EN_2MA





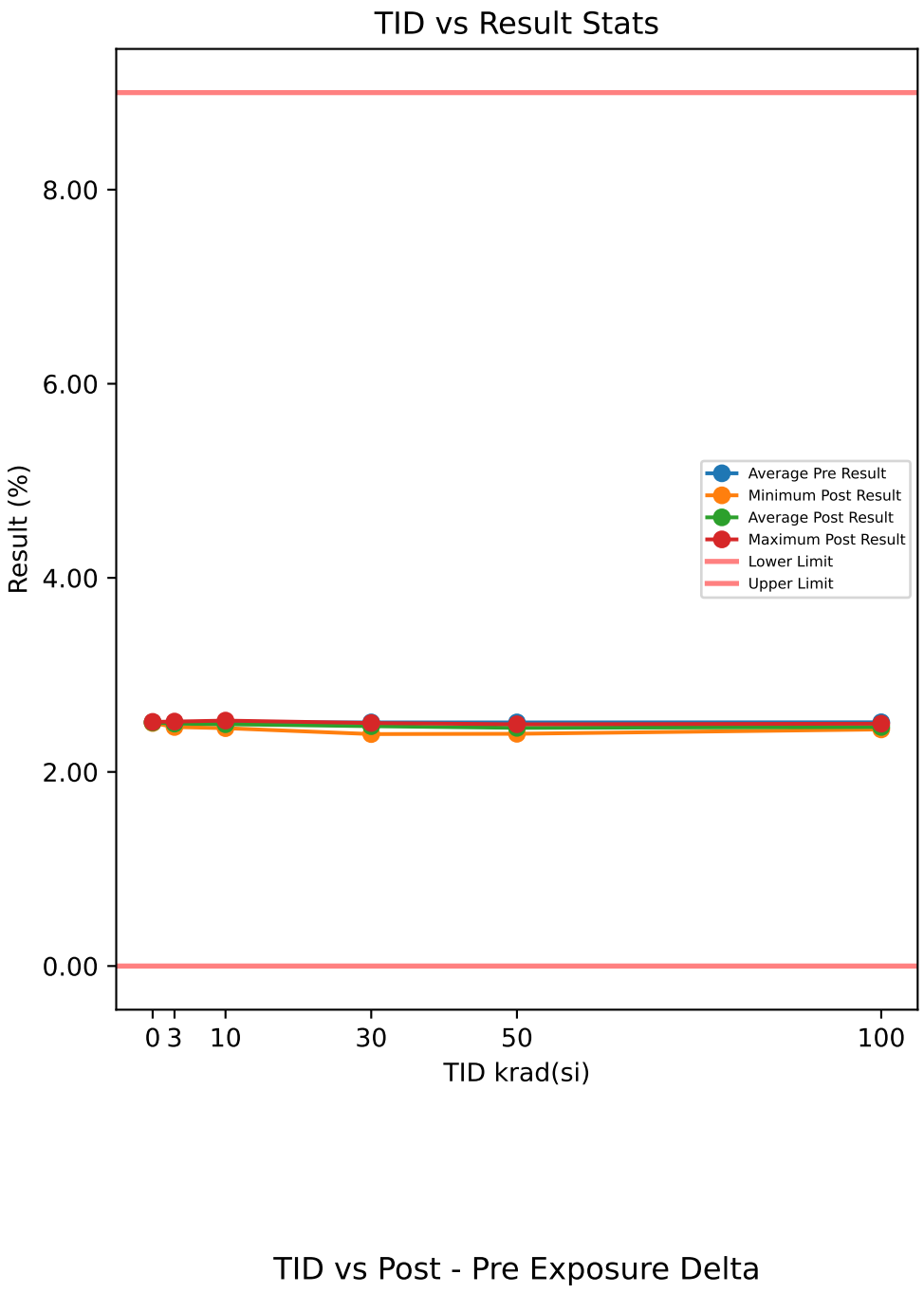
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

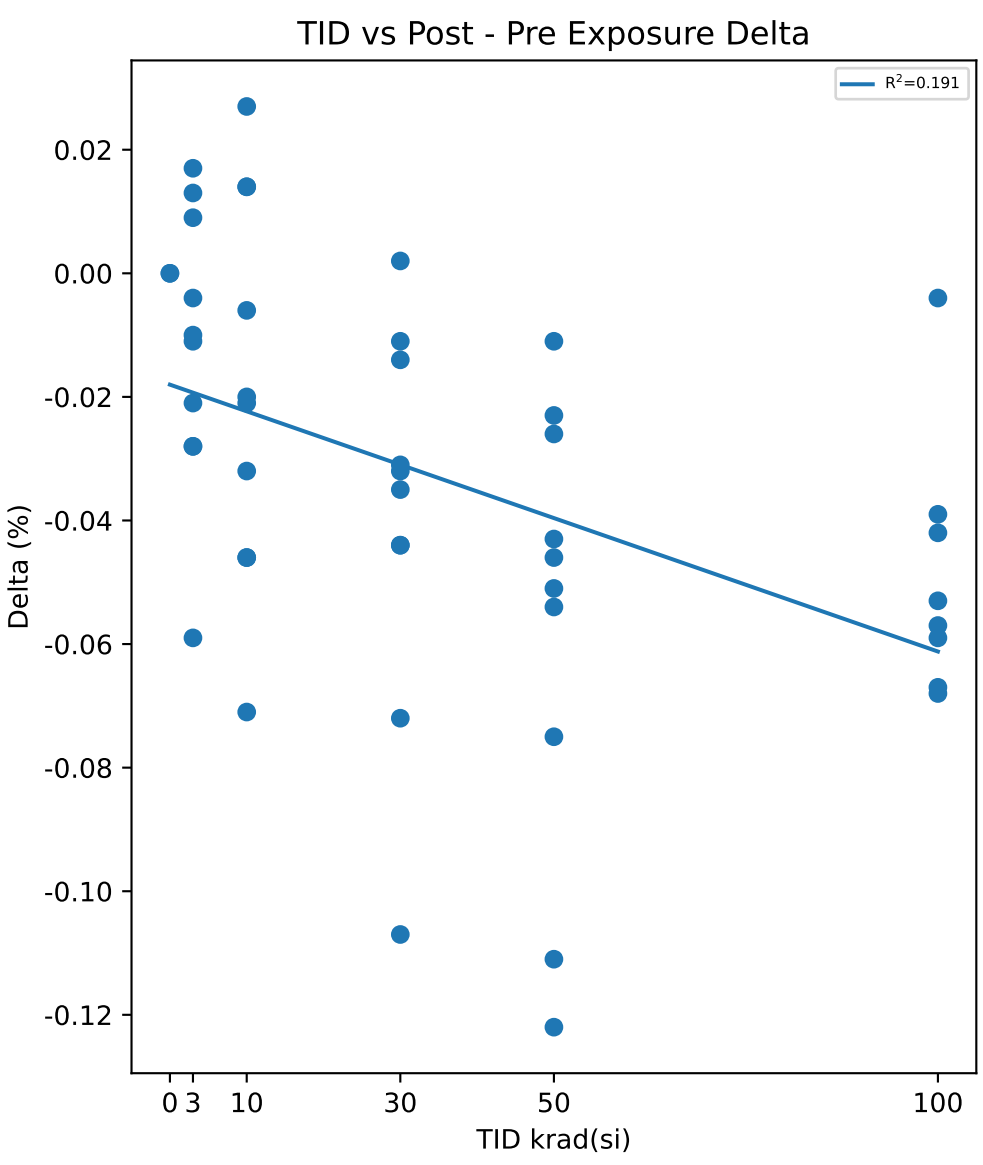
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.6	2.6	0
7	0	Correlation	2.617	2.617	0
16	3	LDR-Biased	2.61	2.569	-0.041
18	3	LDR-Biased	2.582	2.555	-0.027
19	3	LDR-Biased	2.608	2.572	-0.036
20	3	LDR-Biased	2.594	2.565	-0.029
21	3	LDR-Biased	2.619	2.601	-0.018
22	3	LDR-Unbiased	2.6	2.6	0
23	3	LDR-Unbiased	2.587	2.596	0.009
25	3	LDR-Unbiased	2.614	2.6	-0.014
26	3	LDR-Unbiased	2.628	2.608	-0.02
27	3	LDR-Unbiased	2.585	2.604	0.019
46	10	LDR-Biased	2.61	2.556	-0.054
48	10	LDR-Biased	2.582	2.539	-0.043
49	10	LDR-Biased	2.608	2.552	-0.056
50	10	LDR-Biased	2.594	2.546	-0.048
51	10	LDR-Biased	2.619	2.585	-0.034
52	10	LDR-Unbiased	2.6	2.61	0.01
53	10	LDR-Unbiased	2.587	2.603	0.016
55	10	LDR-Unbiased	2.614	2.605	-0.009
56	10	LDR-Unbiased	2.628	2.609	-0.019
57	10	LDR-Unbiased	2.585	2.607	0.022
76	30	LDR-Biased	2.61	2.558	-0.052
78	30	LDR-Biased	2.582	2.475	-0.107
79	30	LDR-Biased	2.608	2.554	-0.054
80	30	LDR-Biased	2.594	2.55	-0.044
81	30	LDR-Biased	2.619	2.571	-0.048
82	30	LDR-Unbiased	2.6	2.585	-0.015
83	30	LDR-Unbiased	2.587	2.577	-0.01
84	30	LDR-Unbiased	2.585	2.579	-0.006
85	30	LDR-Unbiased	2.614	2.579	-0.035
86	30	LDR-Unbiased	2.628	2.586	-0.042
87	100	LDR-Biased	2.623	2.545	-0.078
88	100	LDR-Biased	2.625	2.589	-0.036
90	100	LDR-Biased	2.586	2.593	0.007
91	100	LDR-Unbiased	2.592	2.529	-0.063
93	100	LDR-Unbiased	2.619	2.541	-0.078
94	100	LDR-Unbiased	2.611	2.528	-0.083
95	100	LDR-Unbiased	2.592	2.548	-0.044
96	100	LDR-Unbiased	2.585	2.537	-0.048
106	50	LDR-Biased	2.61	2.505	-0.105
108	50	LDR-Biased	2.582	2.51	-0.072
109	50	LDR-Biased	2.608	2.531	-0.077
110	50	LDR-Biased	2.594	2.478	-0.116
111	50	LDR-Biased	2.619	2.559	-0.06
112	50	LDR-Unbiased	2.6	2.571	-0.029
113	50	LDR-Unbiased	2.587	2.563	-0.024
115	50	LDR-Unbiased	2.614	2.566	-0.048
116	50	LDR-Unbiased	2.628	2.578	-0.05
117	50	LDR-Unbiased	2.585	2.568	-0.017

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6	2.6085	2.617	0.012021	2.6	2.6085	2.617	0.012021	0	0	0	0
3	2.582	2.6027	2.628	0.015585	2.555	2.587	2.608	0.019442	-0.041	-0.0157	0.019	0.019562
10	2.582	2.6027	2.628	0.015585	2.539	2.5812	2.61	0.029499	-0.056	-0.0215	0.022	0.029852
30	2.582	2.6027	2.628	0.015585	2.475	2.5614	2.586	0.032962	-0.107	-0.0413	-0.006	0.029063
50	2.582	2.6027	2.628	0.015585	2.478	2.5429	2.578	0.034514	-0.116	-0.0598	-0.017	0.033239
100	2.585	2.6041	2.625	0.017108	2.528	2.5513	2.593	0.025527	-0.083	-0.052875	0.007	0.029868

Device Test: 6.59 VOL_2mA_EN2/EN2/1.6/14/0/0/2/@VOL_EN_2MA





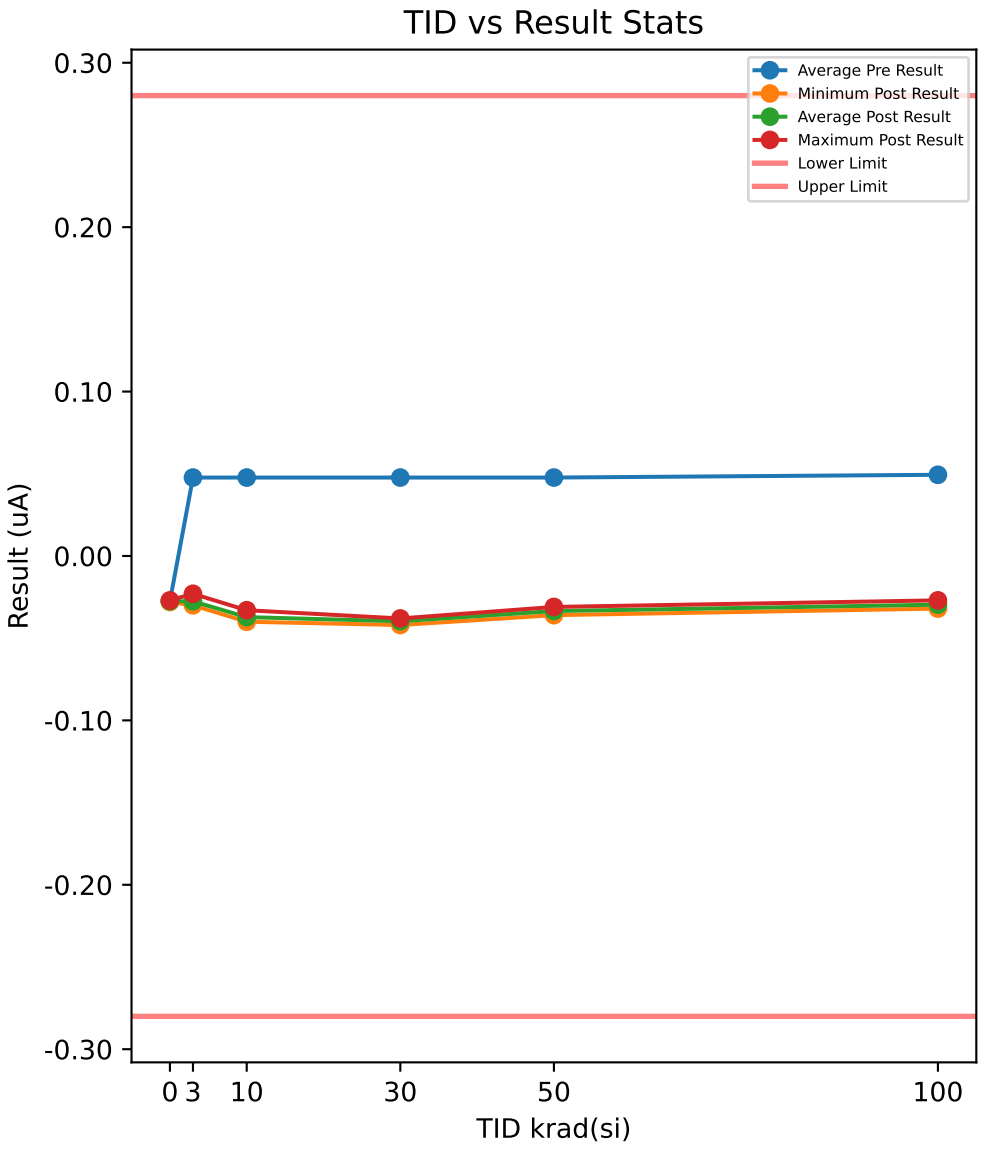
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

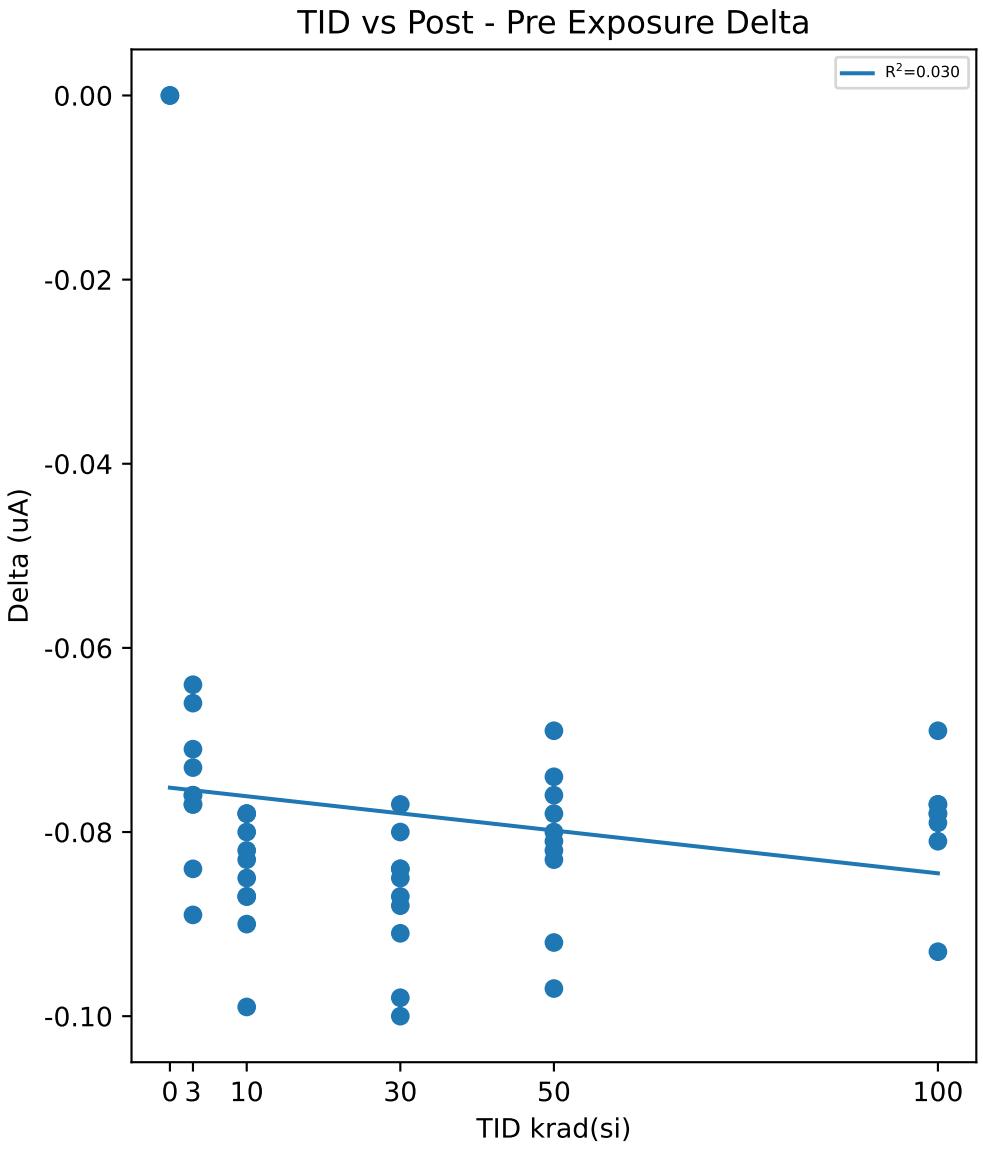
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.504	2.504	0
7	0	Correlation	2.516	2.516	0
16	3	LDR-Biased	2.522	2.463	-0.059
18	3	LDR-Biased	2.497	2.469	-0.028
19	3	LDR-Biased	2.515	2.504	-0.011
20	3	LDR-Biased	2.504	2.476	-0.028
21	3	LDR-Biased	2.518	2.514	-0.004
22	3	LDR-Unbiased	2.502	2.519	0.017
23	3	LDR-Unbiased	2.506	2.515	0.009
25	3	LDR-Unbiased	2.509	2.499	-0.01
26	3	LDR-Unbiased	2.531	2.51	-0.021
27	3	LDR-Unbiased	2.499	2.512	0.013
46	10	LDR-Biased	2.522	2.451	-0.071
48	10	LDR-Biased	2.497	2.451	-0.046
49	10	LDR-Biased	2.515	2.483	-0.032
50	10	LDR-Biased	2.504	2.458	-0.046
51	10	LDR-Biased	2.518	2.498	-0.02
52	10	LDR-Unbiased	2.502	2.529	0.027
53	10	LDR-Unbiased	2.506	2.52	0.014
55	10	LDR-Unbiased	2.509	2.503	-0.006
56	10	LDR-Unbiased	2.531	2.51	-0.021
57	10	LDR-Unbiased	2.499	2.513	0.014
76	30	LDR-Biased	2.522	2.45	-0.072
78	30	LDR-Biased	2.497	2.39	-0.107
79	30	LDR-Biased	2.515	2.484	-0.031
80	30	LDR-Biased	2.504	2.46	-0.044
81	30	LDR-Biased	2.518	2.483	-0.035
82	30	LDR-Unbiased	2.502	2.504	0.002
83	30	LDR-Unbiased	2.506	2.495	-0.011
84	30	LDR-Unbiased	2.499	2.485	-0.014
85	30	LDR-Unbiased	2.509	2.477	-0.032
86	30	LDR-Unbiased	2.531	2.487	-0.044
87	100	LDR-Biased	2.52	2.452	-0.068
88	100	LDR-Biased	2.537	2.495	-0.042
90	100	LDR-Biased	2.501	2.497	-0.004
91	100	LDR-Unbiased	2.495	2.438	-0.057
93	100	LDR-Unbiased	2.518	2.459	-0.059
94	100	LDR-Unbiased	2.524	2.457	-0.067
95	100	LDR-Unbiased	2.498	2.459	-0.039
96	100	LDR-Unbiased	2.5	2.447	-0.053
106	50	LDR-Biased	2.522	2.4	-0.122
108	50	LDR-Biased	2.497	2.422	-0.075
109	50	LDR-Biased	2.515	2.461	-0.054
110	50	LDR-Biased	2.504	2.393	-0.111
111	50	LDR-Biased	2.518	2.472	-0.046
112	50	LDR-Unbiased	2.502	2.491	-0.011
113	50	LDR-Unbiased	2.506	2.48	-0.026
115	50	LDR-Unbiased	2.509	2.466	-0.043
116	50	LDR-Unbiased	2.531	2.48	-0.051
117	50	LDR-Unbiased	2.499	2.476	-0.023

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.504	2.51	2.516	0.0084853	2.504	2.51	2.516	0.0084853	0	0	0	0
3	2.497	2.5103	2.531	0.010955	2.463	2.4981	2.519	0.020851	-0.059	-0.0122	0.017	0.02304
10	2.497	2.5103	2.531	0.010955	2.451	2.4916	2.529	0.029197	-0.071	-0.0187	0.027	0.031266
30	2.497	2.5103	2.531	0.010955	2.39	2.4715	2.504	0.032637	-0.107	-0.0388	0.002	0.03159
50	2.497	2.5103	2.531	0.010955	2.393	2.4541	2.491	0.035564	-0.122	-0.0562	-0.011	0.036596
100	2.495	2.5116	2.537	0.015203	2.438	2.463	2.497	0.021547	-0.068	-0.048625	-0.004	0.020832

Device Test: 6.6 ILKG_SR_FAULTb/ILKG_SR_FAULTb//3/0/0/0/@SR_FAULT_ILKG





Test Results (Lower Limit = -0.28, Upper Limit = 0.28 (uA))

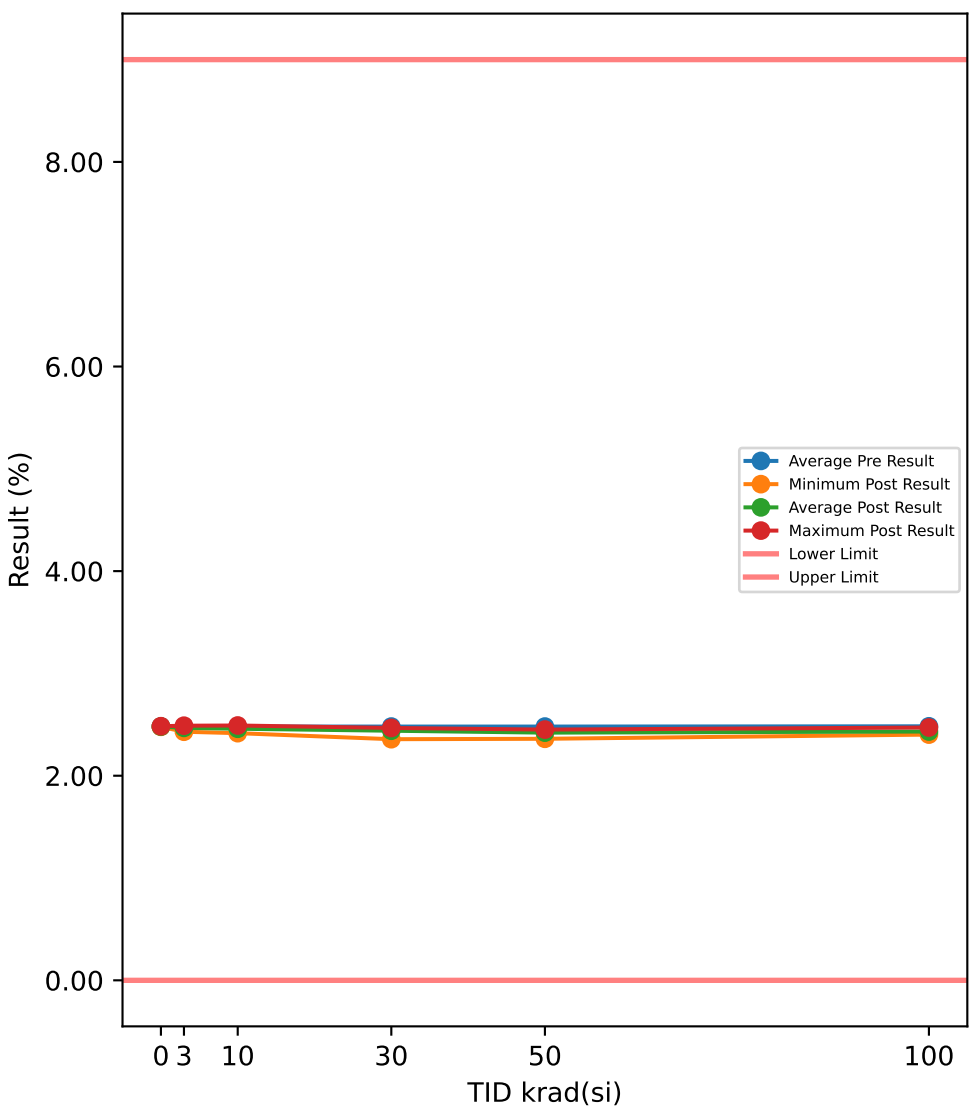
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	-0.027	-0.027	0
7	0	Correlation	-0.028	-0.028	0
16	3	LDR-Biased	0.044	-0.029	-0.073
18	3	LDR-Biased	0.046	-0.03	-0.076
19	3	LDR-Biased	0.049	-0.028	-0.077
20	3	LDR-Biased	0.061	-0.028	-0.089
21	3	LDR-Biased	0.041	-0.023	-0.064
22	3	LDR-Unbiased	0.057	-0.027	-0.084
23	3	LDR-Unbiased	0.048	-0.028	-0.076
25	3	LDR-Unbiased	0.044	-0.027	-0.071
26	3	LDR-Unbiased	0.038	-0.028	-0.066
27	3	LDR-Unbiased	0.049	-0.028	-0.077
46	10	LDR-Biased	0.044	-0.036	-0.08
48	10	LDR-Biased	0.046	-0.037	-0.083
49	10	LDR-Biased	0.049	-0.038	-0.087
50	10	LDR-Biased	0.061	-0.038	-0.099
51	10	LDR-Biased	0.041	-0.037	-0.078
52	10	LDR-Unbiased	0.057	-0.033	-0.09
53	10	LDR-Unbiased	0.048	-0.037	-0.085
55	10	LDR-Unbiased	0.044	-0.038	-0.082
56	10	LDR-Unbiased	0.038	-0.04	-0.078
57	10	LDR-Unbiased	0.049	-0.038	-0.087
76	30	LDR-Biased	0.044	-0.041	-0.085
78	30	LDR-Biased	0.046	-0.038	-0.084
79	30	LDR-Biased	0.049	-0.042	-0.091
80	30	LDR-Biased	0.061	-0.039	-0.1
81	30	LDR-Biased	0.041	-0.039	-0.08
82	30	LDR-Unbiased	0.057	-0.041	-0.098
83	30	LDR-Unbiased	0.048	-0.04	-0.088
84	30	LDR-Unbiased	0.049	-0.038	-0.087
85	30	LDR-Unbiased	0.044	-0.04	-0.084
86	30	LDR-Unbiased	0.038	-0.039	-0.077
87	100	LDR-Biased	0.04	-0.029	-0.069
88	100	LDR-Biased	0.05	-0.028	-0.078
90	100	LDR-Biased	0.05	-0.031	-0.081
91	100	LDR-Unbiased	0.061	-0.032	-0.093
93	100	LDR-Unbiased	0.045	-0.032	-0.077
94	100	LDR-Unbiased	0.049	-0.029	-0.078
95	100	LDR-Unbiased	0.05	-0.027	-0.077
96	100	LDR-Unbiased	0.05	-0.029	-0.079
106	50	LDR-Biased	0.044	-0.032	-0.076
108	50	LDR-Biased	0.046	-0.034	-0.08
109	50	LDR-Biased	0.049	-0.032	-0.081
110	50	LDR-Biased	0.061	-0.036	-0.097
111	50	LDR-Biased	0.041	-0.033	-0.074
112	50	LDR-Unbiased	0.057	-0.035	-0.092
113	50	LDR-Unbiased	0.048	-0.034	-0.082
115	50	LDR-Unbiased	0.044	-0.034	-0.078
116	50	LDR-Unbiased	0.038	-0.031	-0.069
117	50	LDR-Unbiased	0.049	-0.034	-0.083

Test Statistics (uA)

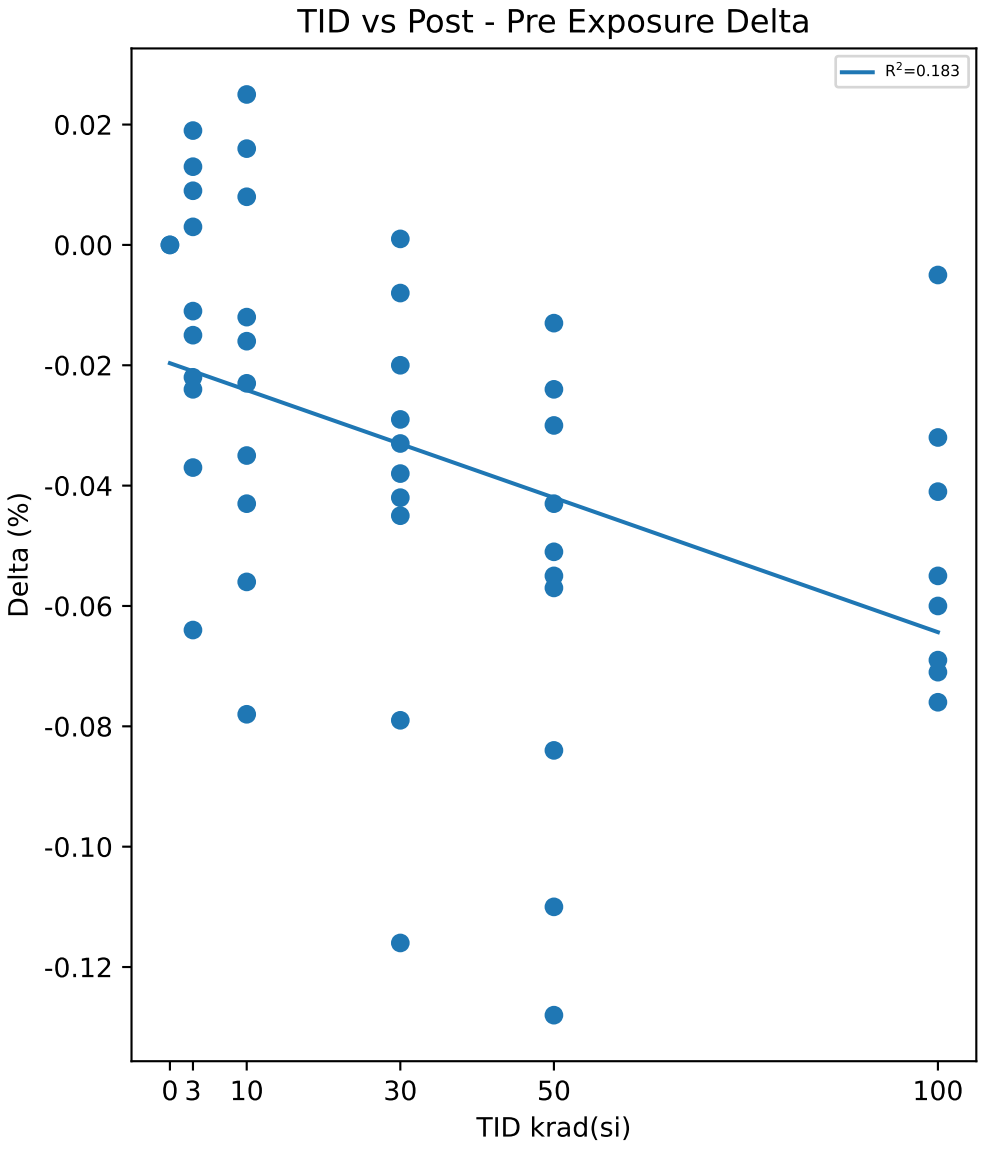
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.028	-0.0275	-0.027	0.00070711	-0.028	-0.0275	-0.027	0.00070711	0	0	0	0
3	0.038	0.0477	0.061	0.006961	-0.03	-0.0276	-0.023	0.0018379	-0.089	-0.0753	-0.064	0.0075137
10	0.038	0.0477	0.061	0.006961	-0.04	-0.0372	-0.033	0.0018135	-0.099	-0.0849	-0.078	0.0063675
30	0.038	0.0477	0.061	0.006961	-0.042	-0.0397	-0.038	0.0013375	-0.1	-0.0874	-0.077	0.0072755
50	0.038	0.0477	0.061	0.006961	-0.036	-0.0335	-0.031	0.0015092	-0.097	-0.0812	-0.069	0.00823
100	0.04	0.049375	0.061	0.0059025	-0.032	-0.029625	-0.027	0.0018468	-0.093	-0.079	-0.069	0.0066548

Device Test: 6.60 VOL_2mA_EN3/EN3/1.6/14/0/0/2/@VOL_EN_2MA

TID vs Result Stats



TID vs Post - Pre Exposure Delta



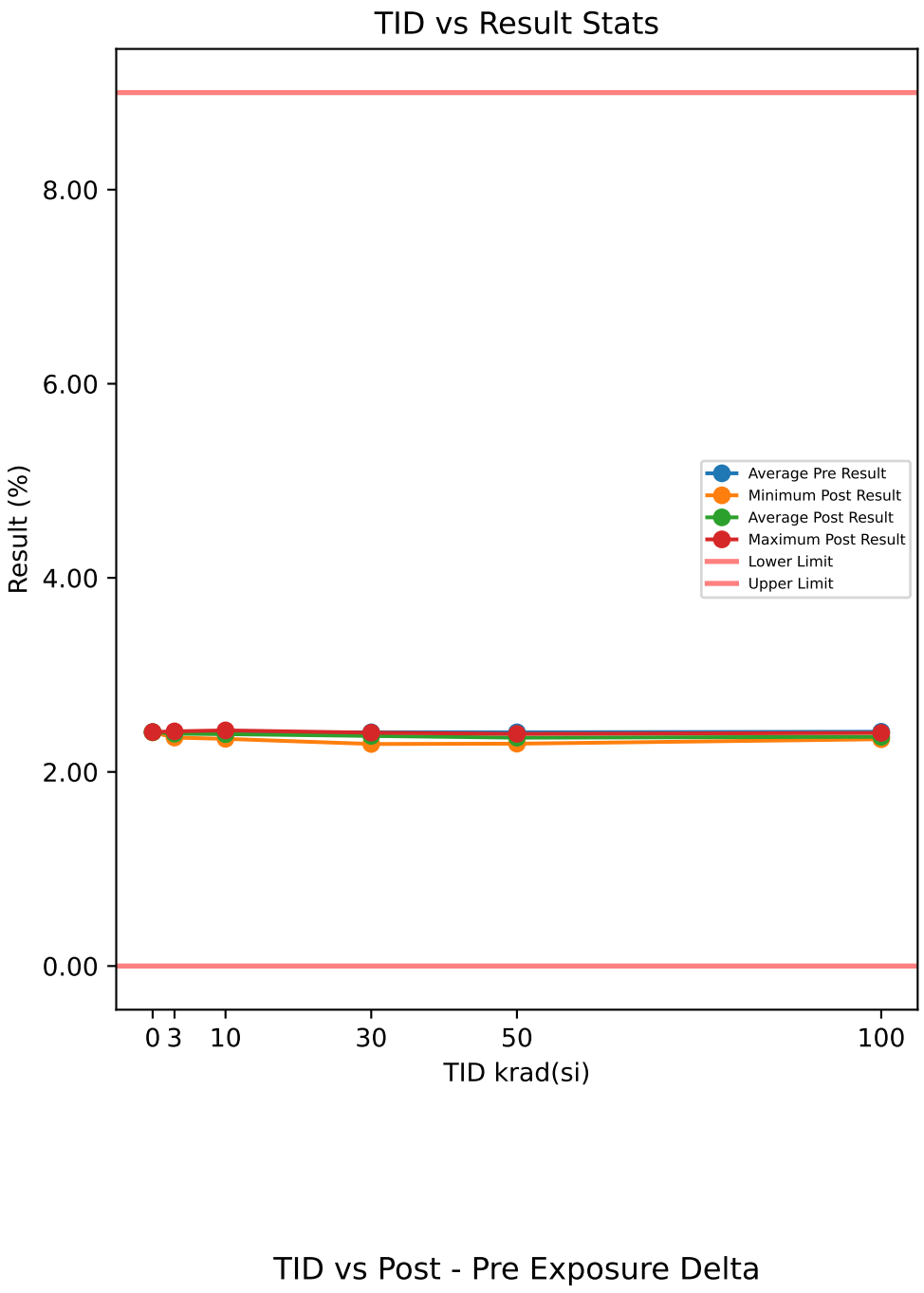
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

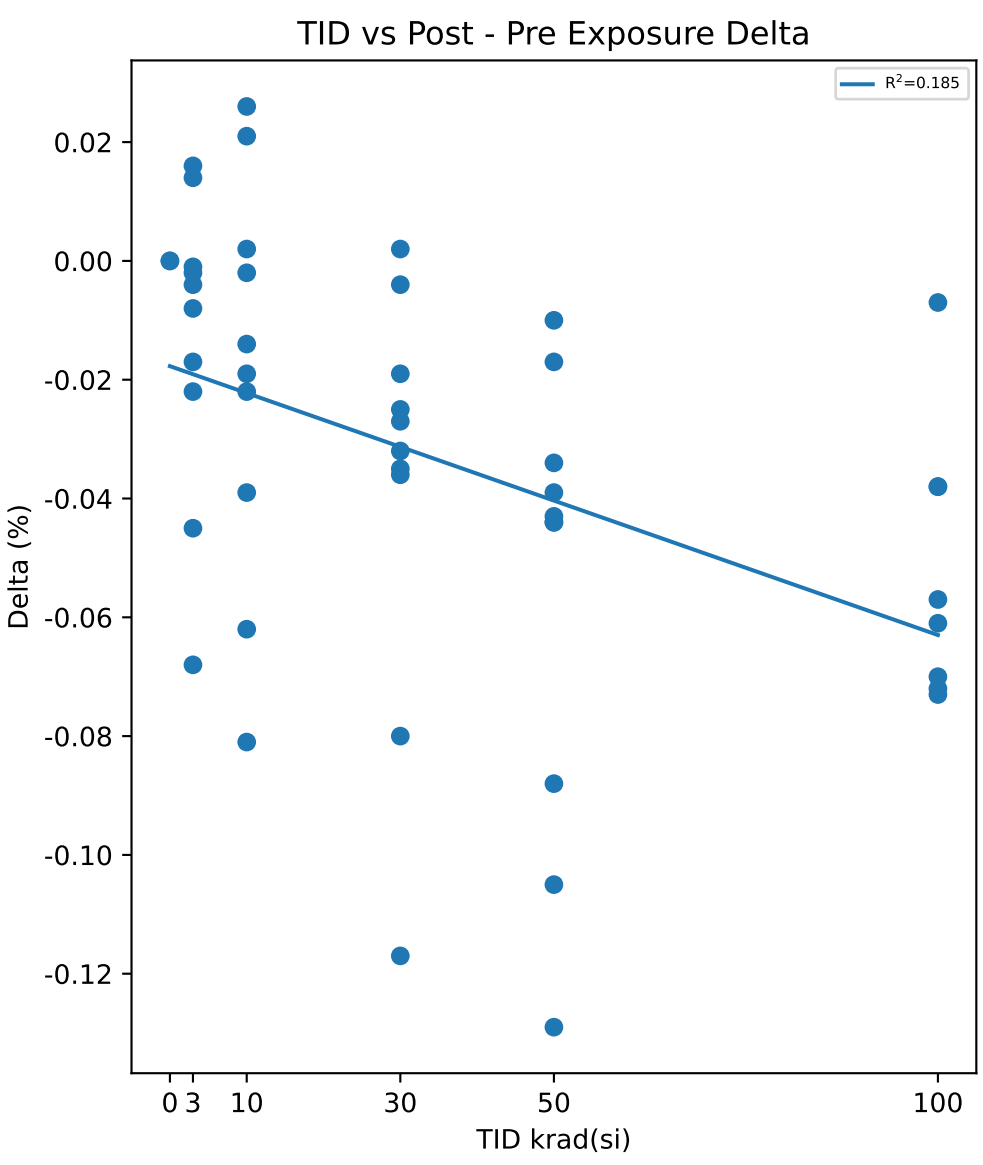
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.478	2.478	0
7	0	Correlation	2.484	2.484	0
16	3	LDR-Biased	2.494	2.43	-0.064
18	3	LDR-Biased	2.473	2.436	-0.037
19	3	LDR-Biased	2.49	2.479	-0.011
20	3	LDR-Biased	2.471	2.447	-0.024
21	3	LDR-Biased	2.486	2.489	0.003
22	3	LDR-Unbiased	2.464	2.483	0.019
23	3	LDR-Unbiased	2.475	2.488	0.013
25	3	LDR-Unbiased	2.478	2.463	-0.015
26	3	LDR-Unbiased	2.501	2.479	-0.022
27	3	LDR-Unbiased	2.474	2.483	0.009
46	10	LDR-Biased	2.494	2.416	-0.078
48	10	LDR-Biased	2.473	2.417	-0.056
49	10	LDR-Biased	2.49	2.455	-0.035
50	10	LDR-Biased	2.471	2.428	-0.043
51	10	LDR-Biased	2.486	2.47	-0.016
52	10	LDR-Unbiased	2.464	2.489	0.025
53	10	LDR-Unbiased	2.475	2.491	0.016
55	10	LDR-Unbiased	2.478	2.466	-0.012
56	10	LDR-Unbiased	2.501	2.478	-0.023
57	10	LDR-Unbiased	2.474	2.482	0.008
76	30	LDR-Biased	2.494	2.415	-0.079
78	30	LDR-Biased	2.473	2.357	-0.116
79	30	LDR-Biased	2.49	2.457	-0.033
80	30	LDR-Biased	2.471	2.429	-0.042
81	30	LDR-Biased	2.486	2.457	-0.029
82	30	LDR-Unbiased	2.464	2.465	0.001
83	30	LDR-Unbiased	2.475	2.467	-0.008
84	30	LDR-Unbiased	2.474	2.454	-0.02
85	30	LDR-Unbiased	2.478	2.44	-0.038
86	30	LDR-Unbiased	2.501	2.456	-0.045
87	100	LDR-Biased	2.5	2.424	-0.076
88	100	LDR-Biased	2.508	2.467	-0.041
90	100	LDR-Biased	2.476	2.471	-0.005
91	100	LDR-Unbiased	2.457	2.402	-0.055
93	100	LDR-Unbiased	2.487	2.427	-0.06
94	100	LDR-Unbiased	2.496	2.425	-0.071
95	100	LDR-Unbiased	2.466	2.434	-0.032
96	100	LDR-Unbiased	2.475	2.406	-0.069
106	50	LDR-Biased	2.494	2.366	-0.128
108	50	LDR-Biased	2.473	2.389	-0.084
109	50	LDR-Biased	2.49	2.433	-0.057
110	50	LDR-Biased	2.471	2.361	-0.11
111	50	LDR-Biased	2.486	2.443	-0.043
112	50	LDR-Unbiased	2.464	2.451	-0.013
113	50	LDR-Unbiased	2.475	2.451	-0.024
115	50	LDR-Unbiased	2.478	2.427	-0.051
116	50	LDR-Unbiased	2.501	2.446	-0.055
117	50	LDR-Unbiased	2.474	2.444	-0.03

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.478	2.481	2.484	0.0042426	2.478	2.481	2.484	0.0042426	0	0	0	0
3	2.464	2.4806	2.501	0.011645	2.43	2.4677	2.489	0.022276	-0.064	-0.0129	0.019	0.025445
10	2.464	2.4806	2.501	0.011645	2.416	2.4592	2.491	0.029009	-0.078	-0.0214	0.025	0.03264
30	2.464	2.4806	2.501	0.011645	2.357	2.4397	2.467	0.033363	-0.116	-0.0409	0.001	0.034314
50	2.464	2.4806	2.501	0.011645	2.361	2.4211	2.451	0.035382	-0.128	-0.0595	-0.013	0.037277
100	2.457	2.4831	2.508	0.017635	2.402	2.432	2.471	0.025253	-0.076	-0.051125	-0.005	0.023973

Device Test: 6.61 VOL_2mA_EN4/EN4/1.6/14/0/0/2/@VOL_EN_2MA





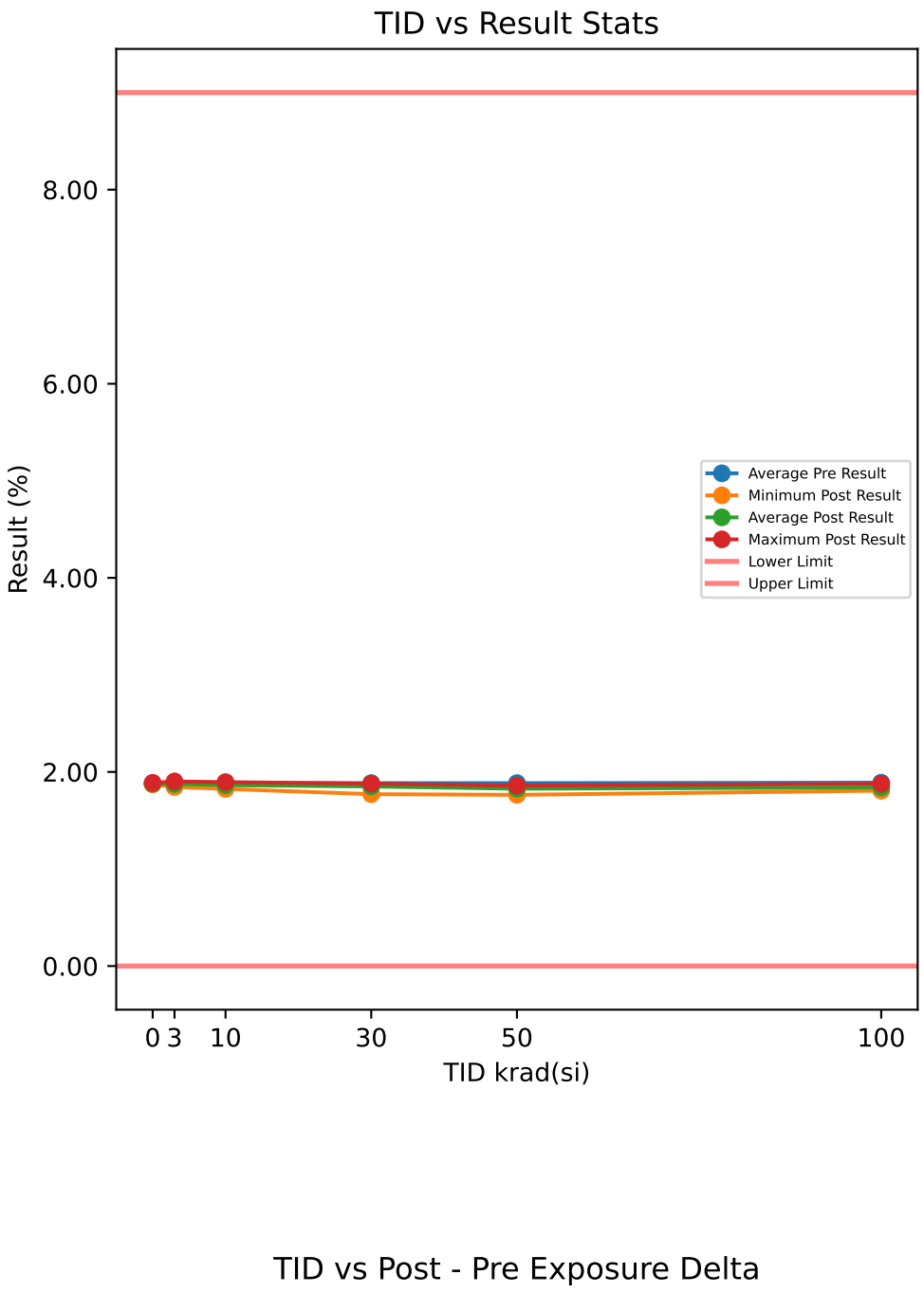
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

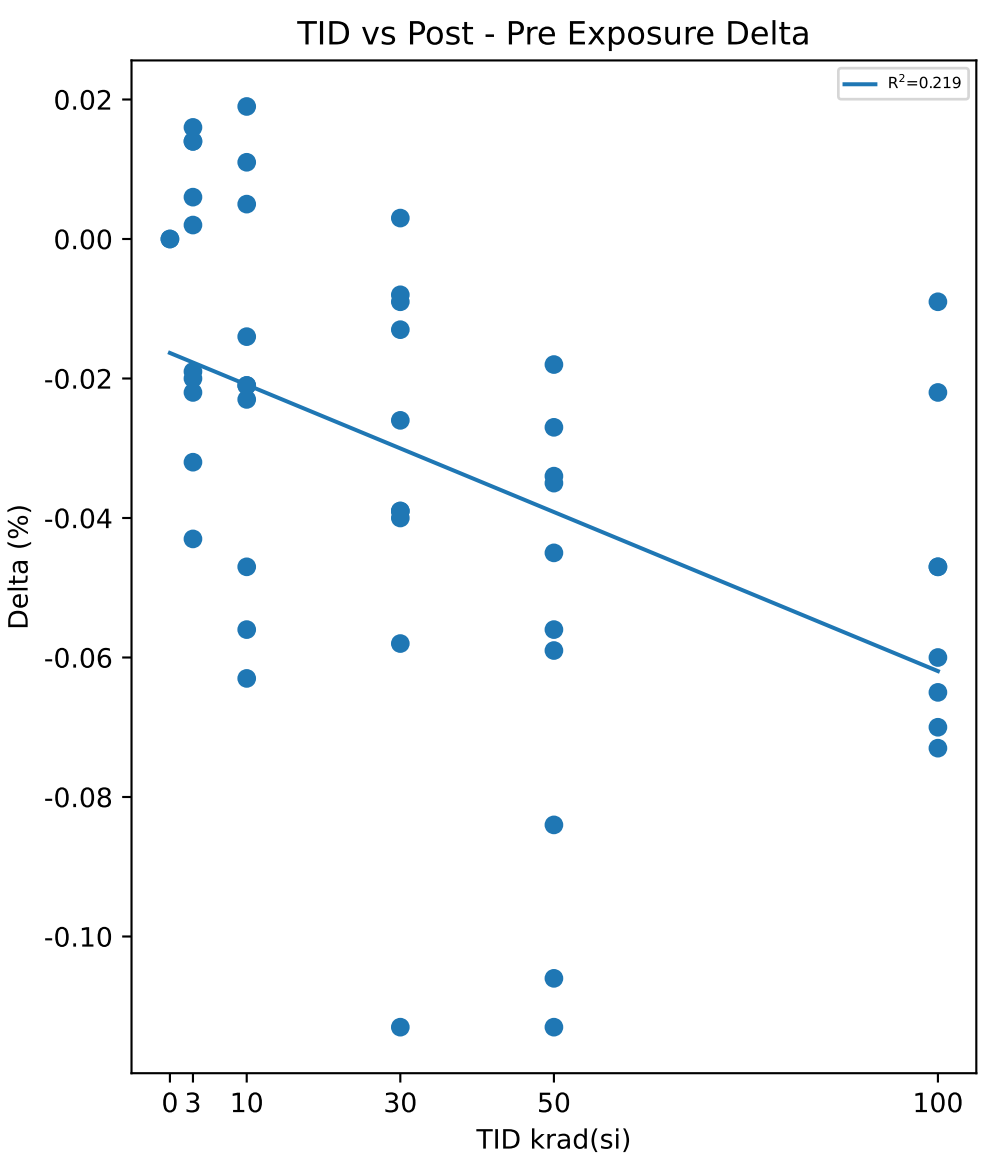
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	2.408	2.408	0
7	0	Correlation	2.411	2.411	0
16	3	LDR-Biased	2.422	2.354	-0.068
18	3	LDR-Biased	2.405	2.36	-0.045
19	3	LDR-Biased	2.41	2.408	-0.002
20	3	LDR-Biased	2.396	2.374	-0.022
21	3	LDR-Biased	2.417	2.413	-0.004
22	3	LDR-Unbiased	2.402	2.418	0.016
23	3	LDR-Unbiased	2.398	2.412	0.014
25	3	LDR-Unbiased	2.401	2.393	-0.008
26	3	LDR-Unbiased	2.425	2.408	-0.017
27	3	LDR-Unbiased	2.406	2.405	-0.001
46	10	LDR-Biased	2.422	2.341	-0.081
48	10	LDR-Biased	2.405	2.343	-0.062
49	10	LDR-Biased	2.41	2.388	-0.022
50	10	LDR-Biased	2.396	2.357	-0.039
51	10	LDR-Biased	2.417	2.398	-0.019
52	10	LDR-Unbiased	2.402	2.428	0.026
53	10	LDR-Unbiased	2.398	2.419	0.021
55	10	LDR-Unbiased	2.401	2.399	-0.002
56	10	LDR-Unbiased	2.425	2.411	-0.014
57	10	LDR-Unbiased	2.406	2.408	0.002
76	30	LDR-Biased	2.422	2.342	-0.08
78	30	LDR-Biased	2.405	2.288	-0.117
79	30	LDR-Biased	2.41	2.391	-0.019
80	30	LDR-Biased	2.396	2.361	-0.035
81	30	LDR-Biased	2.417	2.385	-0.032
82	30	LDR-Unbiased	2.402	2.404	0.002
83	30	LDR-Unbiased	2.398	2.394	-0.004
84	30	LDR-Unbiased	2.406	2.381	-0.025
85	30	LDR-Unbiased	2.401	2.374	-0.027
86	30	LDR-Unbiased	2.425	2.389	-0.036
87	100	LDR-Biased	2.427	2.355	-0.072
88	100	LDR-Biased	2.436	2.398	-0.038
90	100	LDR-Biased	2.409	2.402	-0.007
91	100	LDR-Unbiased	2.396	2.339	-0.057
93	100	LDR-Unbiased	2.416	2.355	-0.061
94	100	LDR-Unbiased	2.424	2.351	-0.073
95	100	LDR-Unbiased	2.396	2.358	-0.038
96	100	LDR-Unbiased	2.407	2.337	-0.07
106	50	LDR-Biased	2.422	2.293	-0.129
108	50	LDR-Biased	2.405	2.317	-0.088
109	50	LDR-Biased	2.41	2.367	-0.043
110	50	LDR-Biased	2.396	2.291	-0.105
111	50	LDR-Biased	2.417	2.373	-0.044
112	50	LDR-Unbiased	2.402	2.392	-0.01
113	50	LDR-Unbiased	2.398	2.381	-0.017
115	50	LDR-Unbiased	2.401	2.362	-0.039
116	50	LDR-Unbiased	2.425	2.381	-0.044
117	50	LDR-Unbiased	2.406	2.372	-0.034

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.408	2.4095	2.411	0.0021213	2.408	2.4095	2.411	0.0021213	0	0	0	0
3	2.396	2.4082	2.425	0.010064	2.354	2.3945	2.418	0.023401	-0.068	-0.0137	0.016	0.025996
10	2.396	2.4082	2.425	0.010064	2.341	2.3892	2.428	0.031432	-0.081	-0.019	0.026	0.034127
30	2.396	2.4082	2.425	0.010064	2.288	2.3709	2.404	0.034119	-0.117	-0.0373	0.002	0.035678
50	2.396	2.4082	2.425	0.010064	2.291	2.3529	2.392	0.037811	-0.129	-0.0553	-0.01	0.038896
100	2.396	2.4139	2.436	0.014535	2.337	2.3619	2.402	0.024741	-0.073	-0.052	-0.007	0.022953

Device Test: 6.62 VOL_2mA_SEQ/SEQ_DONE/1.6/14/0/0/2/@VOL_SEQ_DONE_2MA





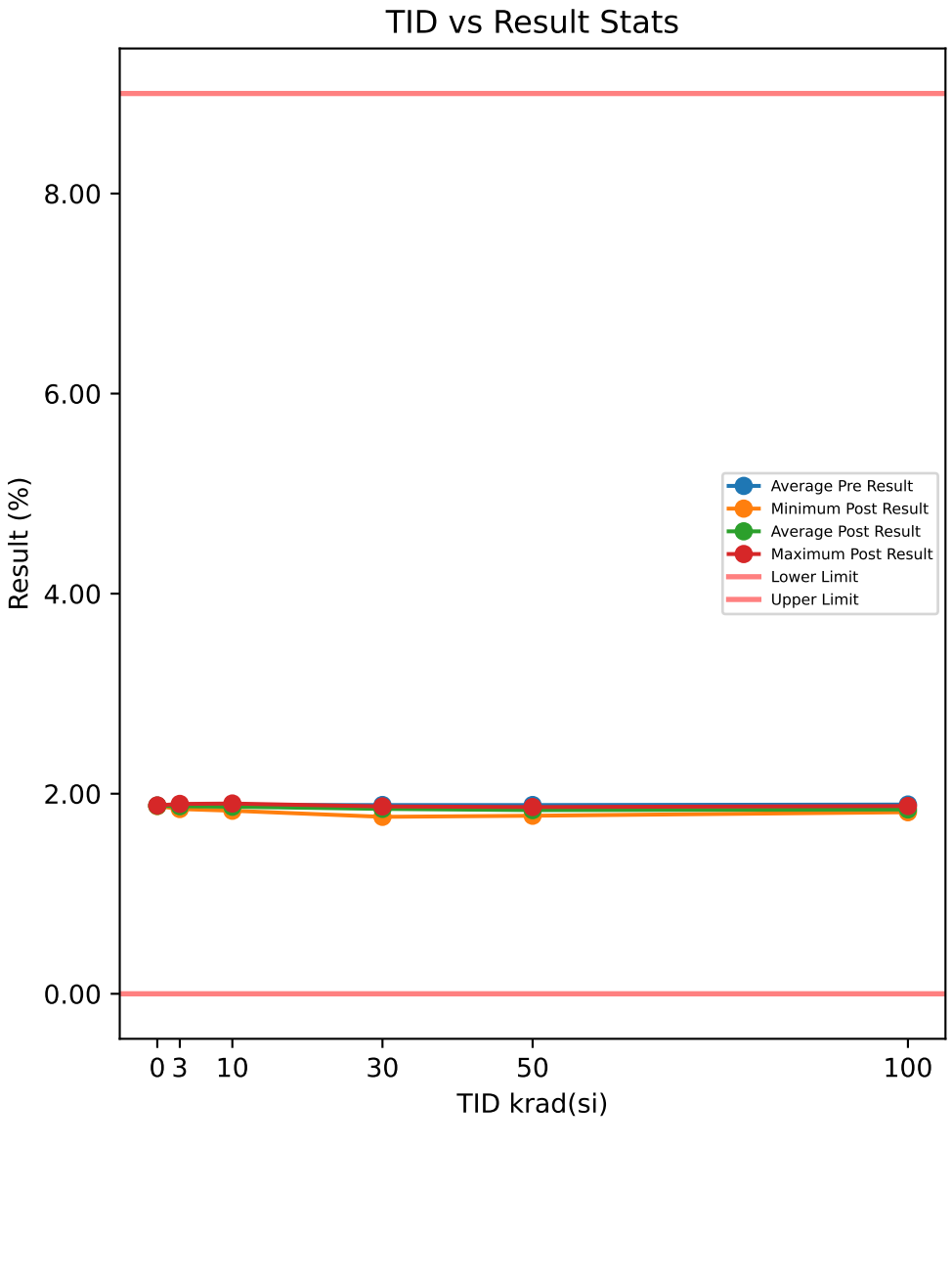
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

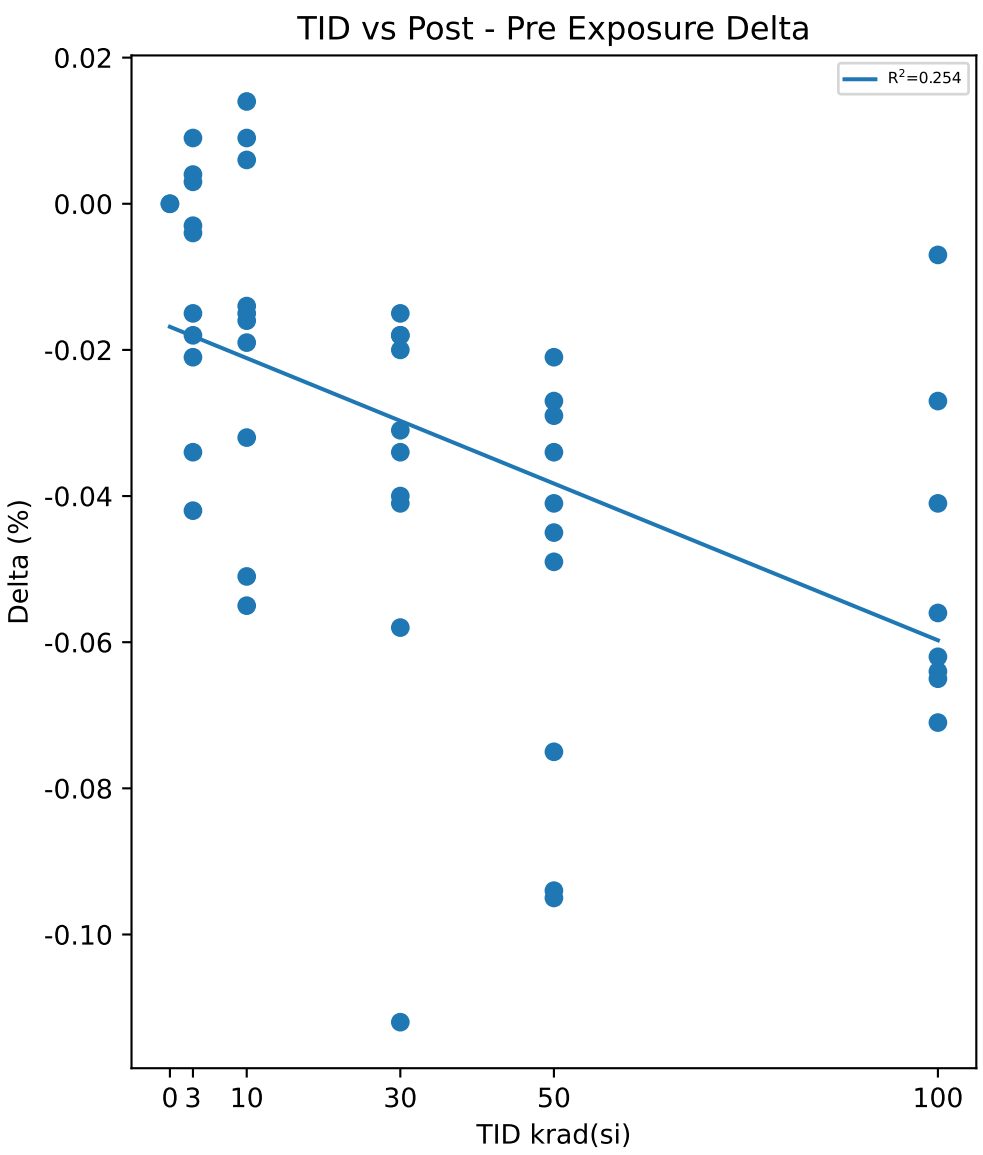
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.888	1.888	0
7	0	Correlation	1.872	1.872	0
16	3	LDR-Biased	1.888	1.845	-0.043
18	3	LDR-Biased	1.884	1.852	-0.032
19	3	LDR-Biased	1.878	1.892	0.014
20	3	LDR-Biased	1.877	1.855	-0.022
21	3	LDR-Biased	1.9	1.902	0.002
22	3	LDR-Unbiased	1.876	1.892	0.016
23	3	LDR-Unbiased	1.88	1.886	0.006
25	3	LDR-Unbiased	1.88	1.86	-0.02
26	3	LDR-Unbiased	1.904	1.885	-0.019
27	3	LDR-Unbiased	1.879	1.893	0.014
46	10	LDR-Biased	1.888	1.825	-0.063
48	10	LDR-Biased	1.884	1.828	-0.056
49	10	LDR-Biased	1.878	1.864	-0.014
50	10	LDR-Biased	1.877	1.83	-0.047
51	10	LDR-Biased	1.9	1.879	-0.021
52	10	LDR-Unbiased	1.876	1.895	0.019
53	10	LDR-Unbiased	1.88	1.885	0.005
55	10	LDR-Unbiased	1.88	1.859	-0.021
56	10	LDR-Unbiased	1.904	1.881	-0.023
57	10	LDR-Unbiased	1.879	1.89	0.011
76	30	LDR-Biased	1.888	1.83	-0.058
78	30	LDR-Biased	1.884	1.771	-0.113
79	30	LDR-Biased	1.878	1.87	-0.008
80	30	LDR-Biased	1.877	1.838	-0.039
81	30	LDR-Biased	1.9	1.874	-0.026
82	30	LDR-Unbiased	1.876	1.879	0.003
83	30	LDR-Unbiased	1.88	1.867	-0.013
84	30	LDR-Unbiased	1.879	1.87	-0.009
85	30	LDR-Unbiased	1.88	1.84	-0.04
86	30	LDR-Unbiased	1.904	1.865	-0.039
87	100	LDR-Biased	1.908	1.835	-0.073
88	100	LDR-Biased	1.898	1.876	-0.022
90	100	LDR-Biased	1.887	1.878	-0.009
91	100	LDR-Unbiased	1.872	1.807	-0.065
93	100	LDR-Unbiased	1.9	1.83	-0.07
94	100	LDR-Unbiased	1.89	1.843	-0.047
95	100	LDR-Unbiased	1.879	1.832	-0.047
96	100	LDR-Unbiased	1.88	1.82	-0.06
106	50	LDR-Biased	1.888	1.782	-0.106
108	50	LDR-Biased	1.884	1.8	-0.084
109	50	LDR-Biased	1.878	1.843	-0.035
110	50	LDR-Biased	1.877	1.764	-0.113
111	50	LDR-Biased	1.9	1.855	-0.045
112	50	LDR-Unbiased	1.876	1.858	-0.018
113	50	LDR-Unbiased	1.88	1.846	-0.034
115	50	LDR-Unbiased	1.88	1.821	-0.059
116	50	LDR-Unbiased	1.904	1.848	-0.056
117	50	LDR-Unbiased	1.879	1.852	-0.027

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.872	1.88	1.888	0.011314	1.872	1.88	1.888	0.011314	0	0	0	0
3	1.876	1.8846	1.904	0.0098568	1.845	1.8762	1.902	0.020794	-0.043	-0.0084	0.016	0.021345
10	1.876	1.8846	1.904	0.0098568	1.825	1.8636	1.895	0.027056	-0.063	-0.021	0.019	0.027925
30	1.876	1.8846	1.904	0.0098568	1.771	1.8504	1.879	0.032684	-0.113	-0.0342	0.003	0.033462
50	1.876	1.8846	1.904	0.0098568	1.764	1.8269	1.858	0.033643	-0.113	-0.0577	-0.018	0.033072
100	1.872	1.8892	1.908	0.012174	1.807	1.8401	1.878	0.025148	-0.073	-0.049125	-0.009	0.023086

Device Test: 6.63 VOL_2mA_PWRGD/PWRGD/1.6/14/0/0/2/@VOL_PWRGD_2MA





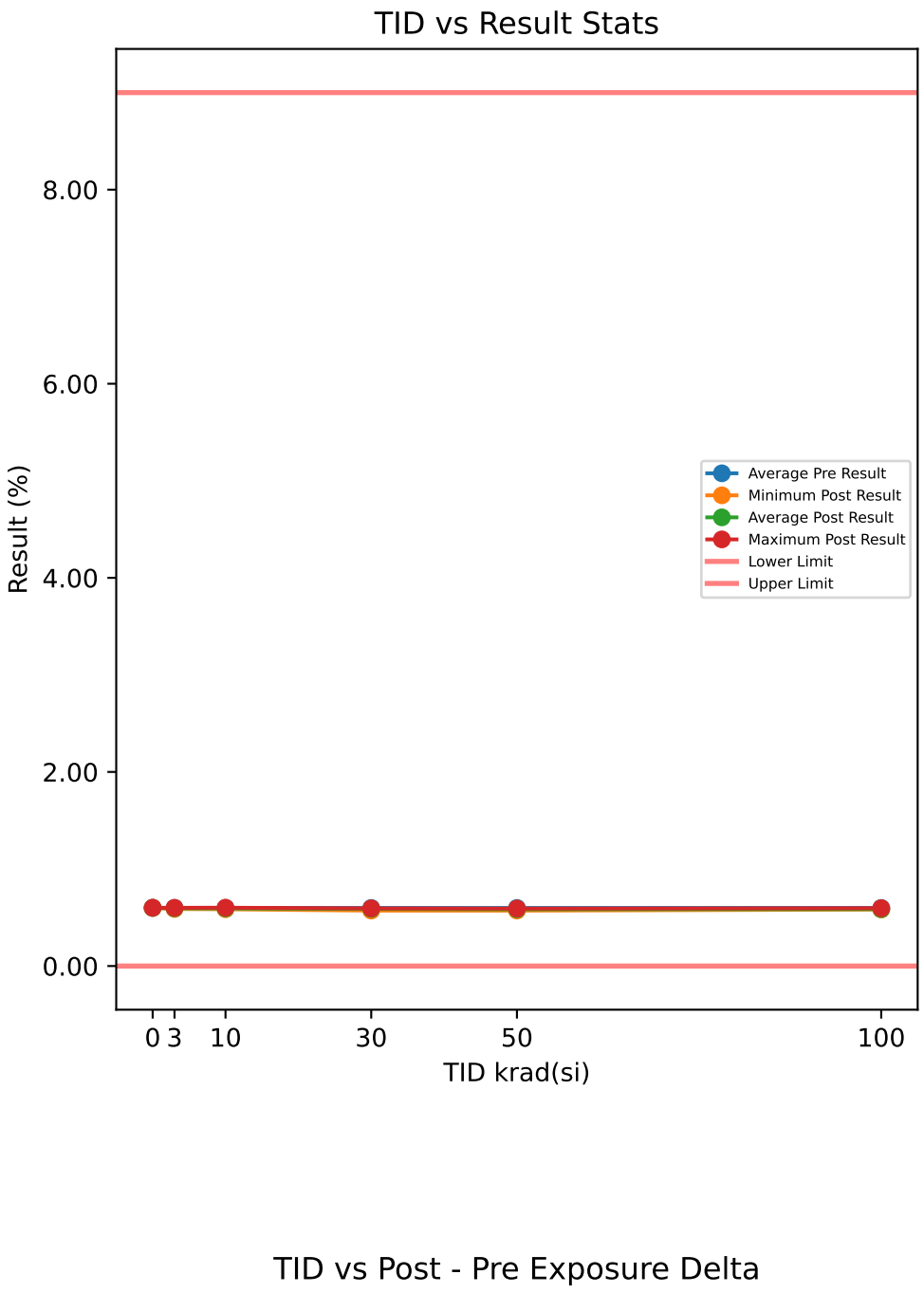
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

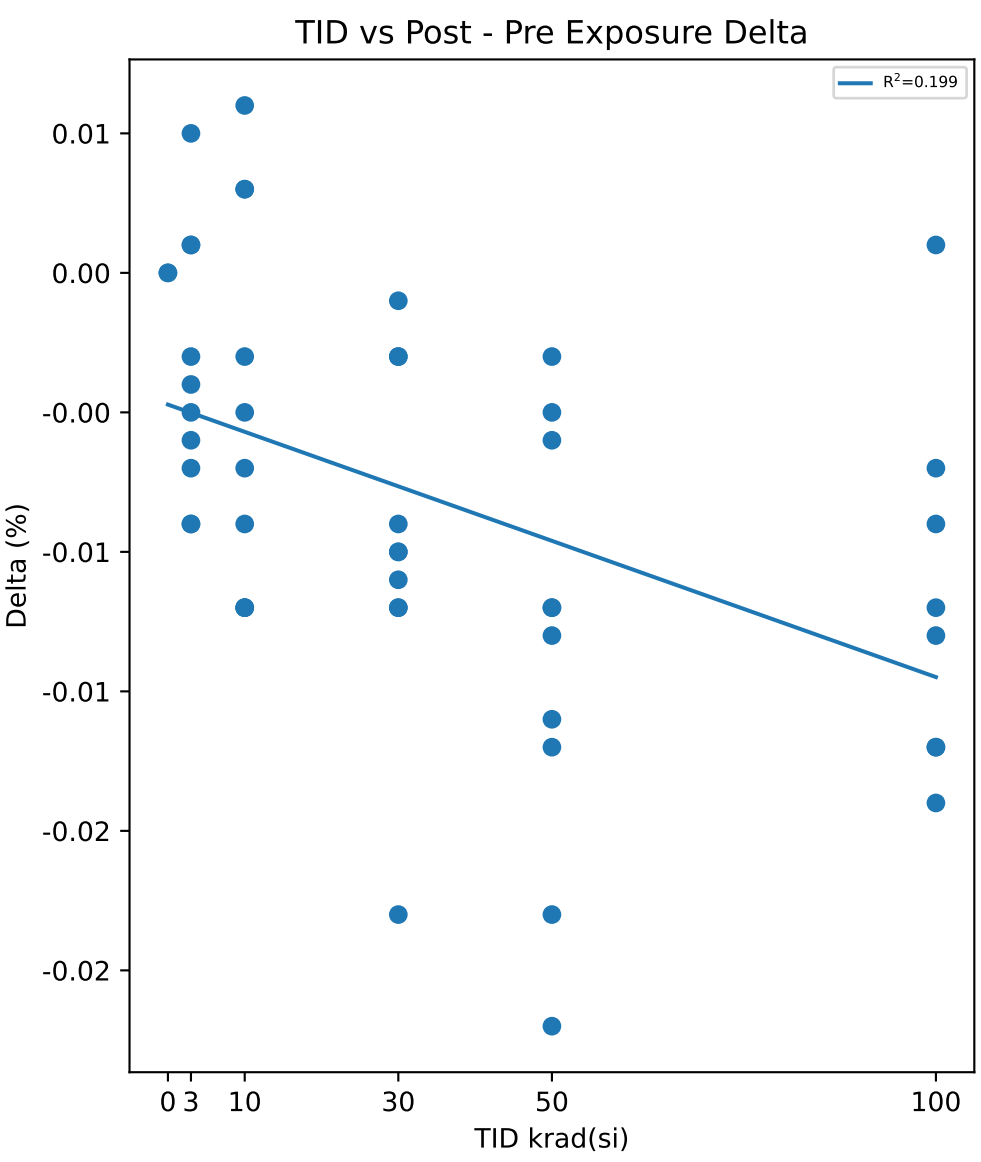
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	1.883	1.883	0
7	0	Correlation	1.877	1.877	0
16	3	LDR-Biased	1.89	1.848	-0.042
18	3	LDR-Biased	1.881	1.847	-0.034
19	3	LDR-Biased	1.888	1.892	0.004
20	3	LDR-Biased	1.874	1.859	-0.015
21	3	LDR-Biased	1.901	1.898	-0.003
22	3	LDR-Unbiased	1.884	1.88	-0.004
23	3	LDR-Unbiased	1.88	1.883	0.003
25	3	LDR-Unbiased	1.883	1.862	-0.021
26	3	LDR-Unbiased	1.9	1.882	-0.018
27	3	LDR-Unbiased	1.888	1.897	0.009
46	10	LDR-Biased	1.89	1.835	-0.055
48	10	LDR-Biased	1.881	1.83	-0.051
49	10	LDR-Biased	1.888	1.872	-0.016
50	10	LDR-Biased	1.874	1.842	-0.032
51	10	LDR-Biased	1.901	1.882	-0.019
52	10	LDR-Unbiased	1.884	1.89	0.006
53	10	LDR-Unbiased	1.88	1.889	0.009
55	10	LDR-Unbiased	1.883	1.869	-0.014
56	10	LDR-Unbiased	1.9	1.885	-0.015
57	10	LDR-Unbiased	1.888	1.902	0.014
76	30	LDR-Biased	1.89	1.832	-0.058
78	30	LDR-Biased	1.881	1.769	-0.112
79	30	LDR-Biased	1.888	1.87	-0.018
80	30	LDR-Biased	1.874	1.843	-0.031
81	30	LDR-Biased	1.901	1.867	-0.034
82	30	LDR-Unbiased	1.884	1.864	-0.02
83	30	LDR-Unbiased	1.88	1.862	-0.018
84	30	LDR-Unbiased	1.888	1.873	-0.015
85	30	LDR-Unbiased	1.883	1.842	-0.041
86	30	LDR-Unbiased	1.9	1.86	-0.04
87	100	LDR-Biased	1.9	1.835	-0.065
88	100	LDR-Biased	1.901	1.874	-0.027
90	100	LDR-Biased	1.884	1.877	-0.007
91	100	LDR-Unbiased	1.879	1.815	-0.064
93	100	LDR-Unbiased	1.901	1.83	-0.071
94	100	LDR-Unbiased	1.892	1.851	-0.041
95	100	LDR-Unbiased	1.888	1.832	-0.056
96	100	LDR-Unbiased	1.89	1.828	-0.062
106	50	LDR-Biased	1.89	1.795	-0.095
108	50	LDR-Biased	1.881	1.806	-0.075
109	50	LDR-Biased	1.888	1.854	-0.034
110	50	LDR-Biased	1.874	1.78	-0.094
111	50	LDR-Biased	1.901	1.86	-0.041
112	50	LDR-Unbiased	1.884	1.855	-0.029
113	50	LDR-Unbiased	1.88	1.853	-0.027
115	50	LDR-Unbiased	1.883	1.834	-0.049
116	50	LDR-Unbiased	1.9	1.855	-0.045
117	50	LDR-Unbiased	1.888	1.867	-0.021

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.877	1.88	1.883	0.0042426	1.877	1.88	1.883	0.0042426	0	0	0	0
3	1.874	1.8869	1.901	0.0085303	1.847	1.8748	1.898	0.019372	-0.042	-0.0121	0.009	0.016921
10	1.874	1.8869	1.901	0.0085303	1.83	1.8696	1.902	0.025312	-0.055	-0.0173	0.014	0.023589
30	1.874	1.8869	1.901	0.0085303	1.769	1.8482	1.873	0.030954	-0.112	-0.0387	-0.015	0.029063
50	1.874	1.8869	1.901	0.0085303	1.78	1.8359	1.867	0.030899	-0.095	-0.051	-0.021	0.027386
100	1.879	1.8919	1.901	0.0082711	1.815	1.8428	1.877	0.022499	-0.071	-0.049125	-0.007	0.022344

Device Test: 6.64 VOL_2mA_EN1/EN1/7/3/0/0/2/@VOL_EN_2MA





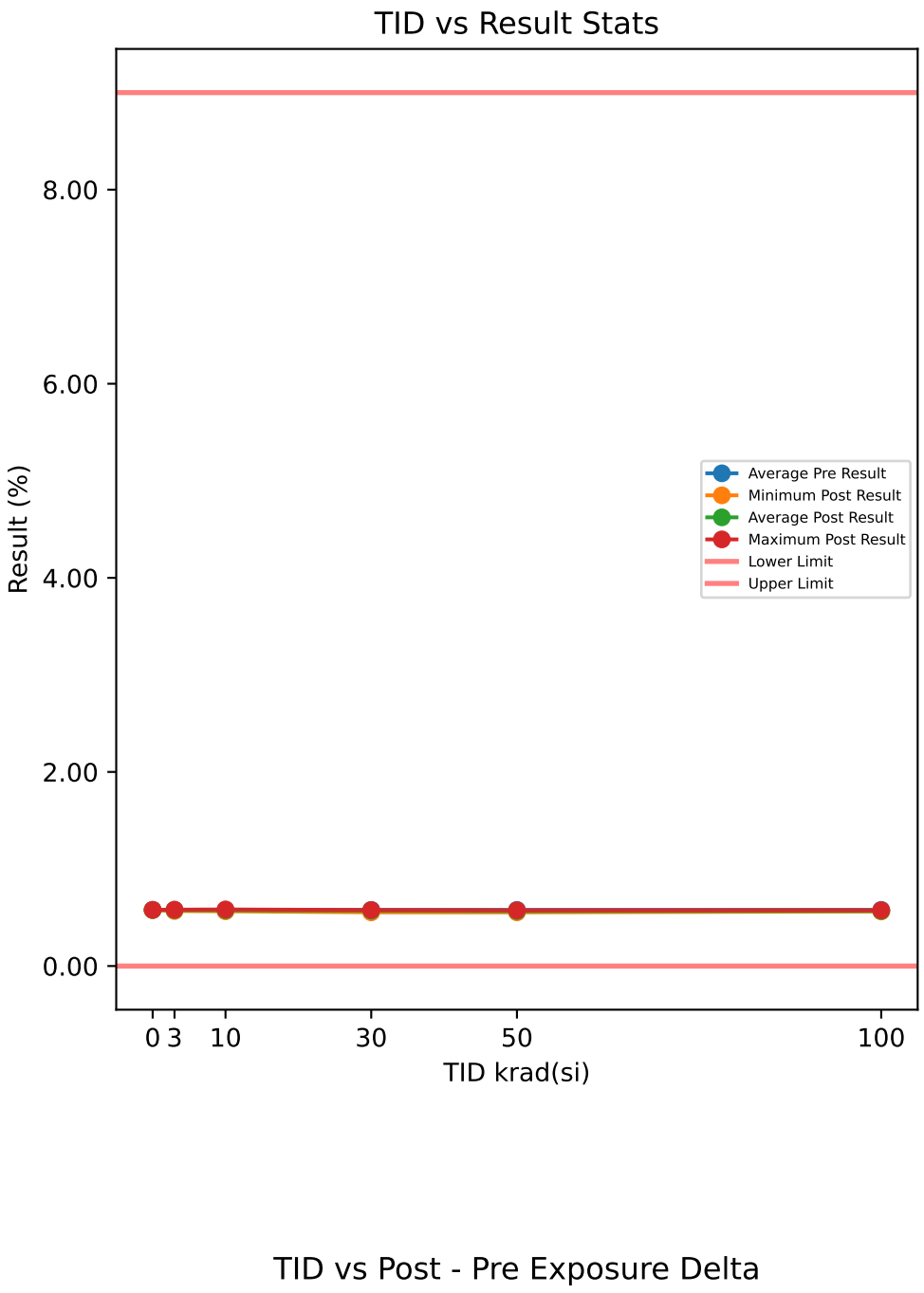
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

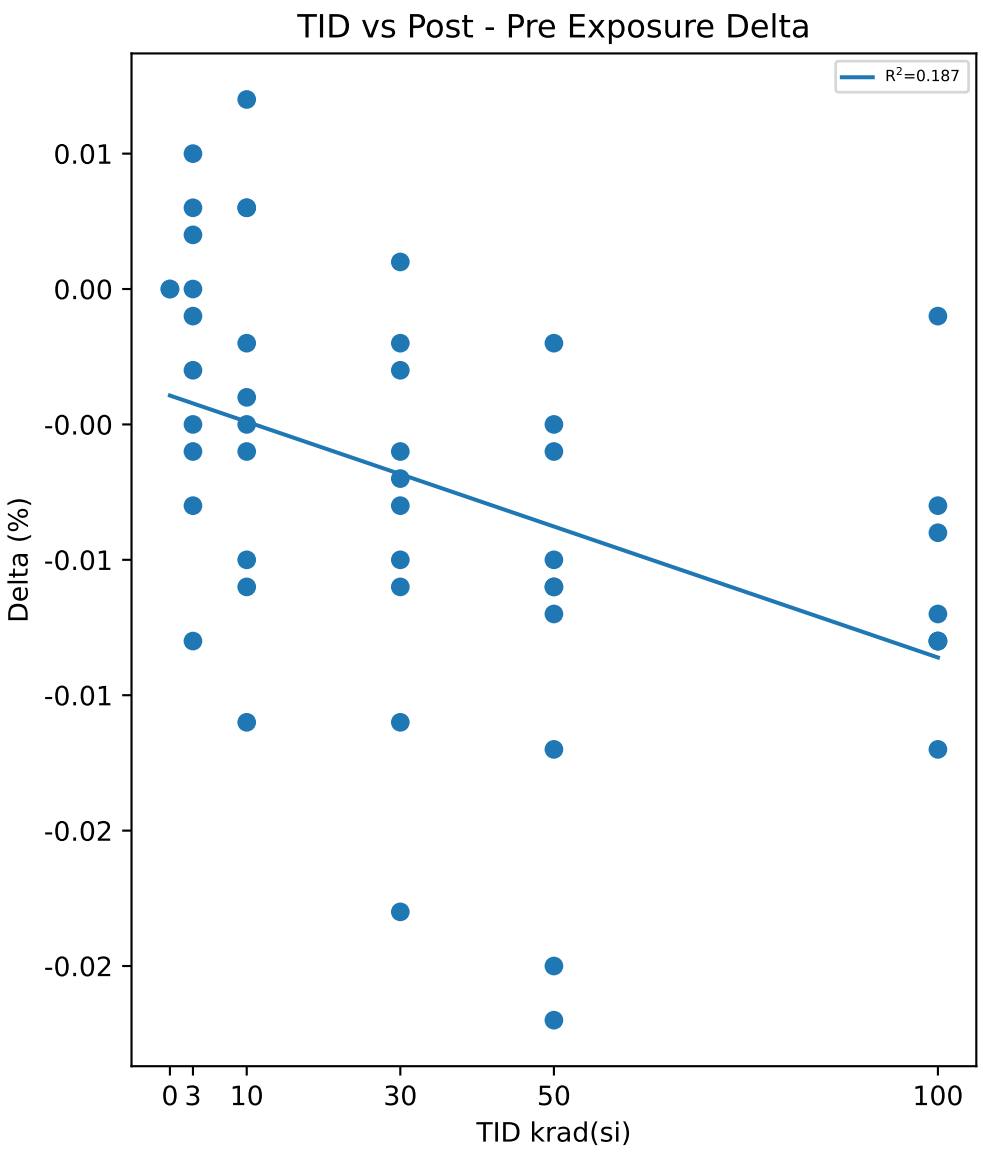
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.598	0.598	0
7	0	Correlation	0.601	0.601	0
16	3	LDR-Biased	0.599	0.59	-0.009
18	3	LDR-Biased	0.594	0.588	-0.006
19	3	LDR-Biased	0.599	0.592	-0.007
20	3	LDR-Biased	0.598	0.589	-0.009
21	3	LDR-Biased	0.602	0.599	-0.003
22	3	LDR-Unbiased	0.597	0.598	0.001
23	3	LDR-Unbiased	0.595	0.596	0.001
25	3	LDR-Unbiased	0.601	0.597	-0.004
26	3	LDR-Unbiased	0.603	0.598	-0.005
27	3	LDR-Unbiased	0.595	0.6	0.005
46	10	LDR-Biased	0.599	0.587	-0.012
48	10	LDR-Biased	0.594	0.585	-0.009
49	10	LDR-Biased	0.599	0.587	-0.012
50	10	LDR-Biased	0.598	0.586	-0.012
51	10	LDR-Biased	0.602	0.595	-0.007
52	10	LDR-Unbiased	0.597	0.6	0.003
53	10	LDR-Unbiased	0.595	0.598	0.003
55	10	LDR-Unbiased	0.601	0.598	-0.003
56	10	LDR-Unbiased	0.603	0.598	-0.005
57	10	LDR-Unbiased	0.595	0.601	0.006
76	30	LDR-Biased	0.599	0.588	-0.011
78	30	LDR-Biased	0.594	0.571	-0.023
79	30	LDR-Biased	0.599	0.587	-0.012
80	30	LDR-Biased	0.598	0.586	-0.012
81	30	LDR-Biased	0.602	0.592	-0.01
82	30	LDR-Unbiased	0.597	0.594	-0.003
83	30	LDR-Unbiased	0.595	0.592	-0.003
84	30	LDR-Unbiased	0.595	0.594	-0.001
85	30	LDR-Unbiased	0.601	0.592	-0.009
86	30	LDR-Unbiased	0.603	0.593	-0.01
87	100	LDR-Biased	0.603	0.584	-0.019
88	100	LDR-Biased	0.602	0.595	-0.007
90	100	LDR-Biased	0.595	0.596	0.001
91	100	LDR-Unbiased	0.595	0.582	-0.013
93	100	LDR-Unbiased	0.602	0.585	-0.017
94	100	LDR-Unbiased	0.599	0.582	-0.017
95	100	LDR-Unbiased	0.595	0.586	-0.009
96	100	LDR-Unbiased	0.595	0.583	-0.012
106	50	LDR-Biased	0.599	0.576	-0.023
108	50	LDR-Biased	0.594	0.578	-0.016
109	50	LDR-Biased	0.599	0.582	-0.017
110	50	LDR-Biased	0.598	0.571	-0.027
111	50	LDR-Biased	0.602	0.589	-0.013
112	50	LDR-Unbiased	0.597	0.592	-0.005
113	50	LDR-Unbiased	0.595	0.589	-0.006
115	50	LDR-Unbiased	0.601	0.589	-0.012
116	50	LDR-Unbiased	0.603	0.591	-0.012
117	50	LDR-Unbiased	0.595	0.592	-0.003

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.598	0.5995	0.601	0.0021213	0.598	0.5995	0.601	0.0021213	0	0	0	0
3	0.594	0.5983	0.603	0.003093	0.588	0.5947	0.6	0.0044981	-0.009	-0.0036	0.005	0.0046476
10	0.594	0.5983	0.603	0.003093	0.585	0.5935	0.601	0.0064507	-0.012	-0.0048	0.006	0.006828
30	0.594	0.5983	0.603	0.003093	0.571	0.5889	0.594	0.0069194	-0.023	-0.0094	-0.001	0.0062752
50	0.594	0.5983	0.603	0.003093	0.571	0.5849	0.592	0.0075785	-0.027	-0.0134	-0.003	0.0077057
100	0.595	0.59825	0.603	0.0036547	0.582	0.58662	0.596	0.0056553	-0.019	-0.011625	0.001	0.006567

Device Test: 6.65 VOL_2mA_EN2/EN2/7/3/0/0/2/@VOL_EN_2MA





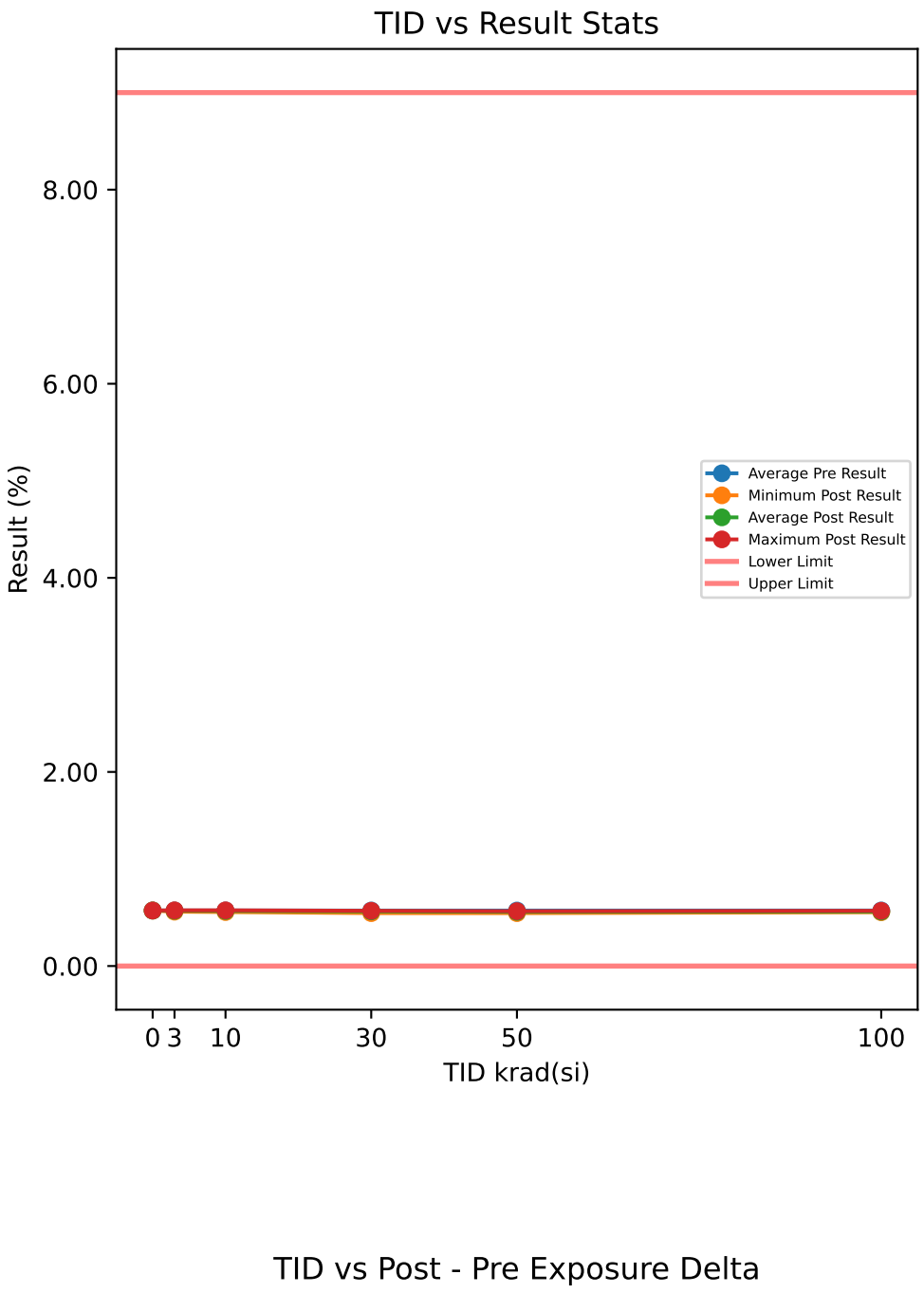
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

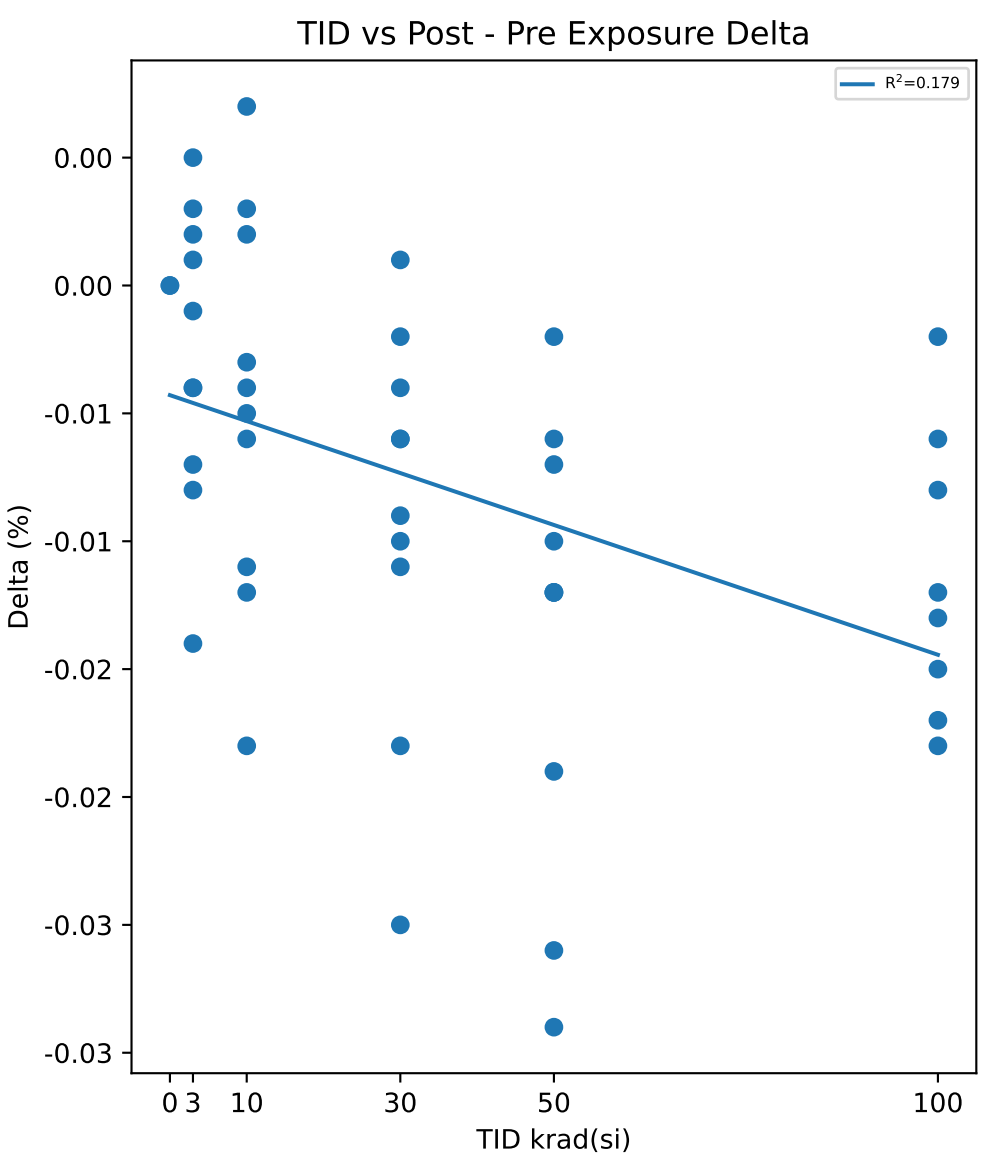
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.577	0.577	0
7	0	Correlation	0.579	0.579	0
16	3	LDR-Biased	0.58	0.567	-0.013
18	3	LDR-Biased	0.576	0.57	-0.006
19	3	LDR-Biased	0.579	0.578	-0.001
20	3	LDR-Biased	0.578	0.57	-0.008
21	3	LDR-Biased	0.58	0.58	0
22	3	LDR-Unbiased	0.576	0.581	0.005
23	3	LDR-Unbiased	0.577	0.579	0.002
25	3	LDR-Unbiased	0.578	0.575	-0.003
26	3	LDR-Unbiased	0.582	0.577	-0.005
27	3	LDR-Unbiased	0.577	0.58	0.003
46	10	LDR-Biased	0.58	0.564	-0.016
48	10	LDR-Biased	0.576	0.566	-0.01
49	10	LDR-Biased	0.579	0.573	-0.006
50	10	LDR-Biased	0.578	0.567	-0.011
51	10	LDR-Biased	0.58	0.576	-0.004
52	10	LDR-Unbiased	0.576	0.583	0.007
53	10	LDR-Unbiased	0.577	0.58	0.003
55	10	LDR-Unbiased	0.578	0.576	-0.002
56	10	LDR-Unbiased	0.582	0.577	-0.005
57	10	LDR-Unbiased	0.577	0.58	0.003
76	30	LDR-Biased	0.58	0.564	-0.016
78	30	LDR-Biased	0.576	0.553	-0.023
79	30	LDR-Biased	0.579	0.573	-0.006
80	30	LDR-Biased	0.578	0.567	-0.011
81	30	LDR-Biased	0.58	0.573	-0.007
82	30	LDR-Unbiased	0.576	0.577	0.001
83	30	LDR-Unbiased	0.577	0.575	-0.002
84	30	LDR-Unbiased	0.577	0.574	-0.003
85	30	LDR-Unbiased	0.578	0.57	-0.008
86	30	LDR-Unbiased	0.582	0.572	-0.01
87	100	LDR-Biased	0.581	0.564	-0.017
88	100	LDR-Biased	0.583	0.575	-0.008
90	100	LDR-Biased	0.576	0.575	-0.001
91	100	LDR-Unbiased	0.574	0.562	-0.012
93	100	LDR-Unbiased	0.58	0.567	-0.013
94	100	LDR-Unbiased	0.58	0.567	-0.013
95	100	LDR-Unbiased	0.576	0.567	-0.009
96	100	LDR-Unbiased	0.577	0.564	-0.013
106	50	LDR-Biased	0.58	0.553	-0.027
108	50	LDR-Biased	0.576	0.559	-0.017
109	50	LDR-Biased	0.579	0.568	-0.011
110	50	LDR-Biased	0.578	0.553	-0.025
111	50	LDR-Biased	0.58	0.57	-0.01
112	50	LDR-Unbiased	0.576	0.574	-0.002
113	50	LDR-Unbiased	0.577	0.571	-0.006
115	50	LDR-Unbiased	0.578	0.567	-0.011
116	50	LDR-Unbiased	0.582	0.57	-0.012
117	50	LDR-Unbiased	0.577	0.572	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.577	0.578	0.579	0.0014142	0.577	0.578	0.579	0.0014142	0	0	0	0
3	0.576	0.5783	0.582	0.0019465	0.567	0.5757	0.581	0.00499	-0.013	-0.0026	0.005	0.0055217
10	0.576	0.5783	0.582	0.0019465	0.564	0.5742	0.583	0.0065286	-0.016	-0.0041	0.007	0.0071251
30	0.576	0.5783	0.582	0.0019465	0.553	0.5698	0.577	0.0070364	-0.023	-0.0085	0.001	0.0070435
50	0.576	0.5783	0.582	0.0019465	0.553	0.5657	0.574	0.0078038	-0.027	-0.0126	-0.002	0.0082084
100	0.574	0.57837	0.583	0.0030677	0.562	0.56762	0.575	0.0048972	-0.017	-0.01075	-0.001	0.0048033

Device Test: 6.66 VOL_2mA_EN3/EN3/7/3/0/0/2/@VOL_EN_2MA





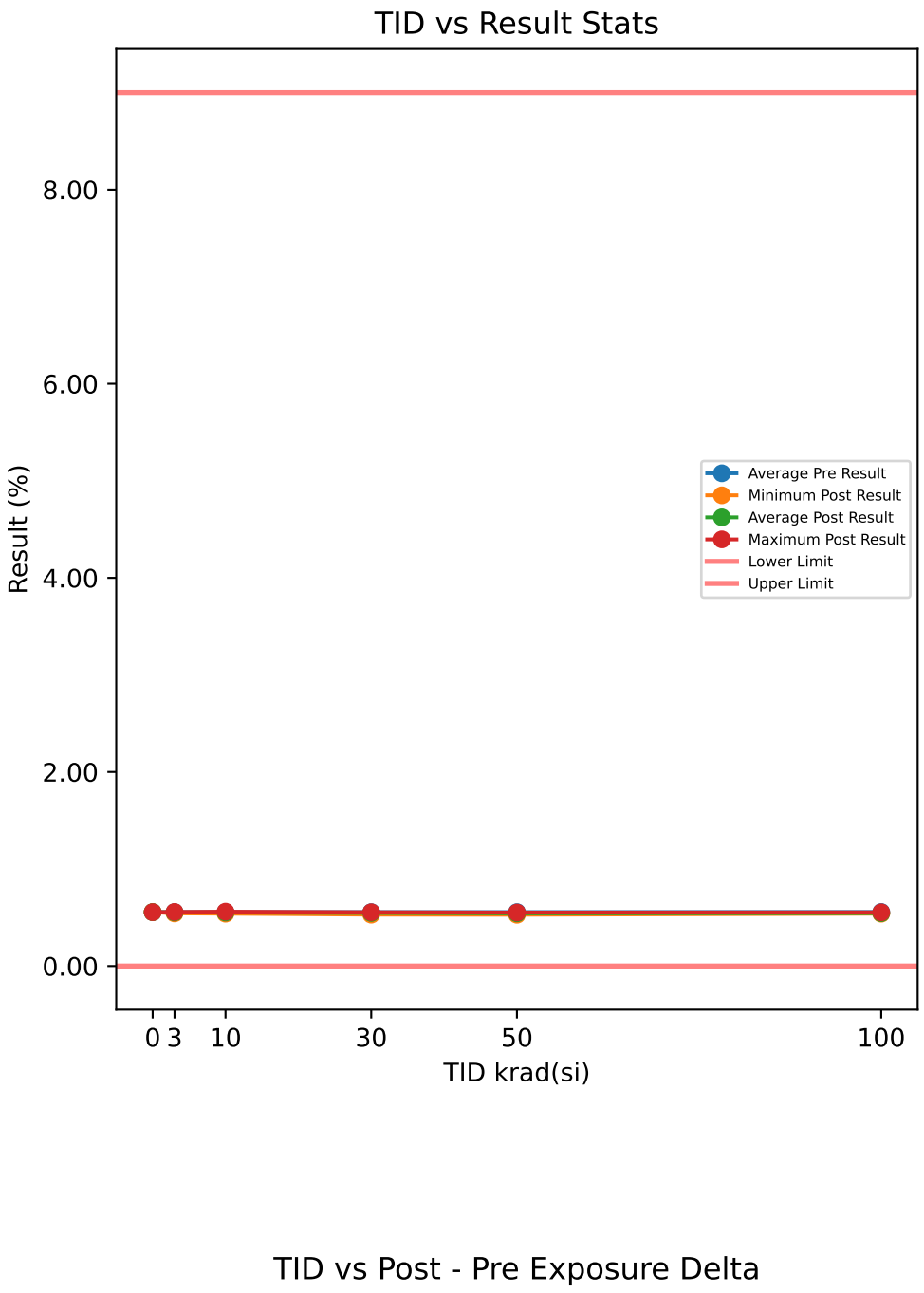
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

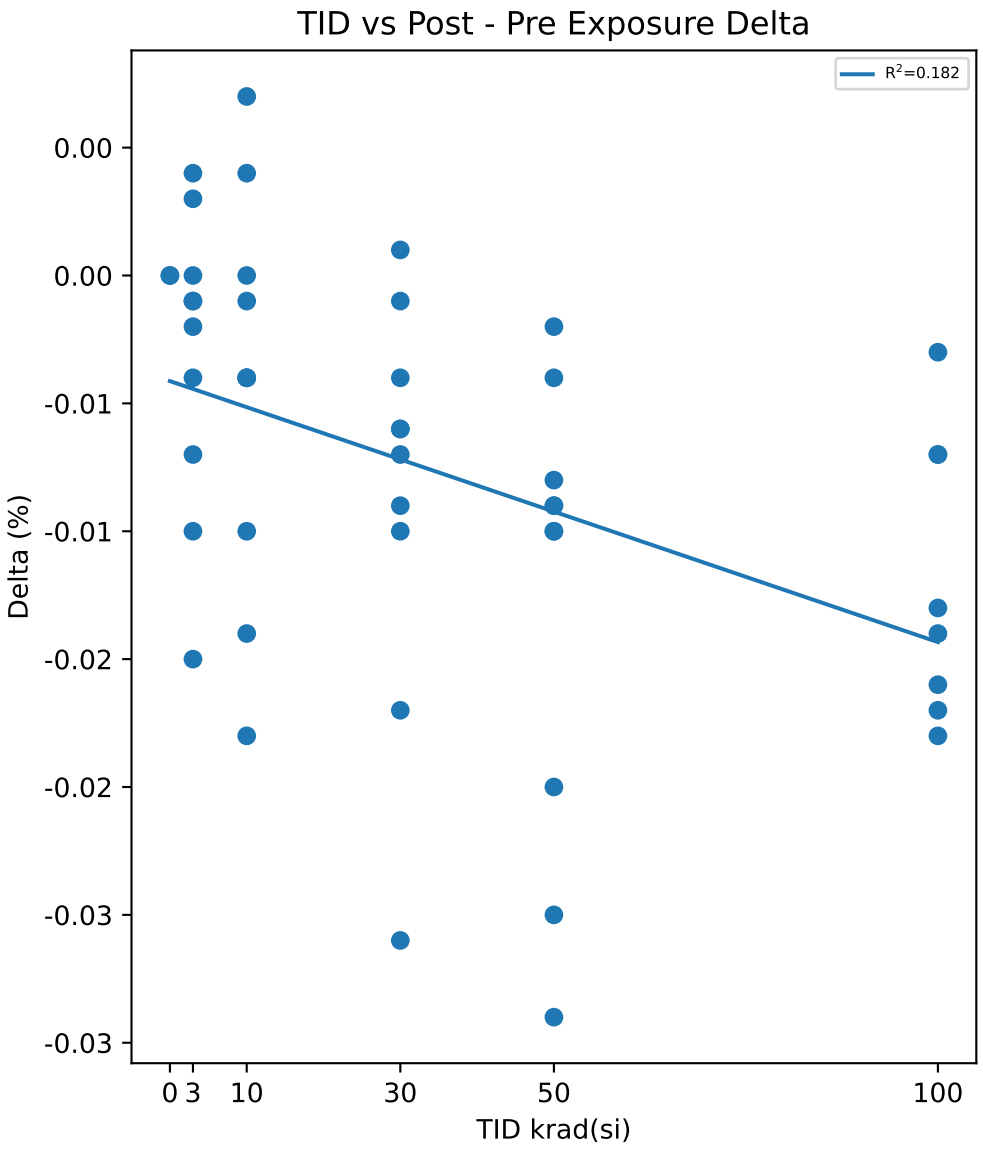
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.571	0.571	0
7	0	Correlation	0.572	0.572	0
16	3	LDR-Biased	0.574	0.56	-0.014
18	3	LDR-Biased	0.57	0.562	-0.008
19	3	LDR-Biased	0.573	0.572	-0.001
20	3	LDR-Biased	0.571	0.564	-0.007
21	3	LDR-Biased	0.573	0.574	0.001
22	3	LDR-Unbiased	0.567	0.572	0.005
23	3	LDR-Unbiased	0.571	0.573	0.002
25	3	LDR-Unbiased	0.571	0.567	-0.004
26	3	LDR-Unbiased	0.575	0.571	-0.004
27	3	LDR-Unbiased	0.571	0.574	0.003
46	10	LDR-Biased	0.574	0.556	-0.018
48	10	LDR-Biased	0.57	0.558	-0.012
49	10	LDR-Biased	0.573	0.567	-0.006
50	10	LDR-Biased	0.571	0.56	-0.011
51	10	LDR-Biased	0.573	0.57	-0.003
52	10	LDR-Unbiased	0.567	0.574	0.007
53	10	LDR-Unbiased	0.571	0.574	0.003
55	10	LDR-Unbiased	0.571	0.567	-0.004
56	10	LDR-Unbiased	0.575	0.57	-0.005
57	10	LDR-Unbiased	0.571	0.573	0.002
76	30	LDR-Biased	0.574	0.556	-0.018
78	30	LDR-Biased	0.57	0.545	-0.025
79	30	LDR-Biased	0.573	0.567	-0.006
80	30	LDR-Biased	0.571	0.56	-0.011
81	30	LDR-Biased	0.573	0.567	-0.006
82	30	LDR-Unbiased	0.567	0.568	0.001
83	30	LDR-Unbiased	0.571	0.569	-0.002
84	30	LDR-Unbiased	0.571	0.567	-0.004
85	30	LDR-Unbiased	0.571	0.562	-0.009
86	30	LDR-Unbiased	0.575	0.565	-0.01
87	100	LDR-Biased	0.576	0.558	-0.018
88	100	LDR-Biased	0.576	0.568	-0.008
90	100	LDR-Biased	0.571	0.569	-0.002
91	100	LDR-Unbiased	0.566	0.554	-0.012
93	100	LDR-Unbiased	0.573	0.56	-0.013
94	100	LDR-Unbiased	0.574	0.559	-0.015
95	100	LDR-Unbiased	0.568	0.562	-0.006
96	100	LDR-Unbiased	0.572	0.555	-0.017
106	50	LDR-Biased	0.574	0.545	-0.029
108	50	LDR-Biased	0.57	0.551	-0.019
109	50	LDR-Biased	0.573	0.561	-0.012
110	50	LDR-Biased	0.571	0.545	-0.026
111	50	LDR-Biased	0.573	0.563	-0.01
112	50	LDR-Unbiased	0.567	0.565	-0.002
113	50	LDR-Unbiased	0.571	0.565	-0.006
115	50	LDR-Unbiased	0.571	0.559	-0.012
116	50	LDR-Unbiased	0.575	0.563	-0.012
117	50	LDR-Unbiased	0.571	0.564	-0.007

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.571	0.5715	0.572	0.00070711	0.571	0.5715	0.572	0.00070711	0	0	0	0
3	0.567	0.5716	0.575	0.0022706	0.56	0.5689	0.574	0.0052377	-0.014	-0.0027	0.005	0.0058509
10	0.567	0.5716	0.575	0.0022706	0.556	0.5669	0.574	0.0066908	-0.018	-0.0047	0.007	0.0075726
30	0.567	0.5716	0.575	0.0022706	0.545	0.5626	0.569	0.0074117	-0.025	-0.009	0.001	0.0077028
50	0.567	0.5716	0.575	0.0022706	0.545	0.5581	0.565	0.008034	-0.029	-0.0135	-0.002	0.0086699
100	0.566	0.572	0.576	0.0035857	0.554	0.56063	0.569	0.0055016	-0.018	-0.011375	-0.002	0.0056045

Device Test: 6.67 VOL_2mA_EN4/EN4/7/3/0/0/2/@VOL_EN_2MA





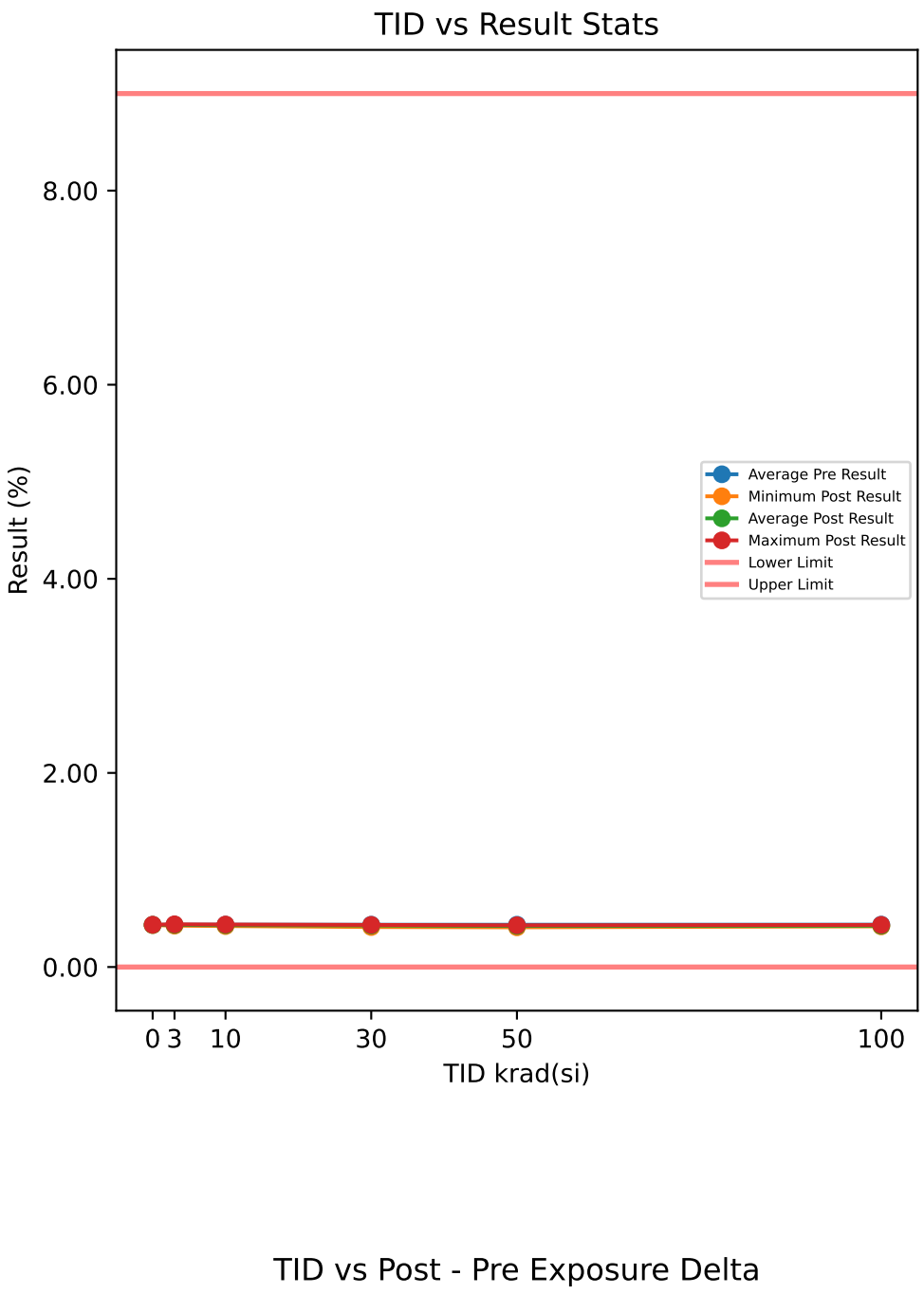
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

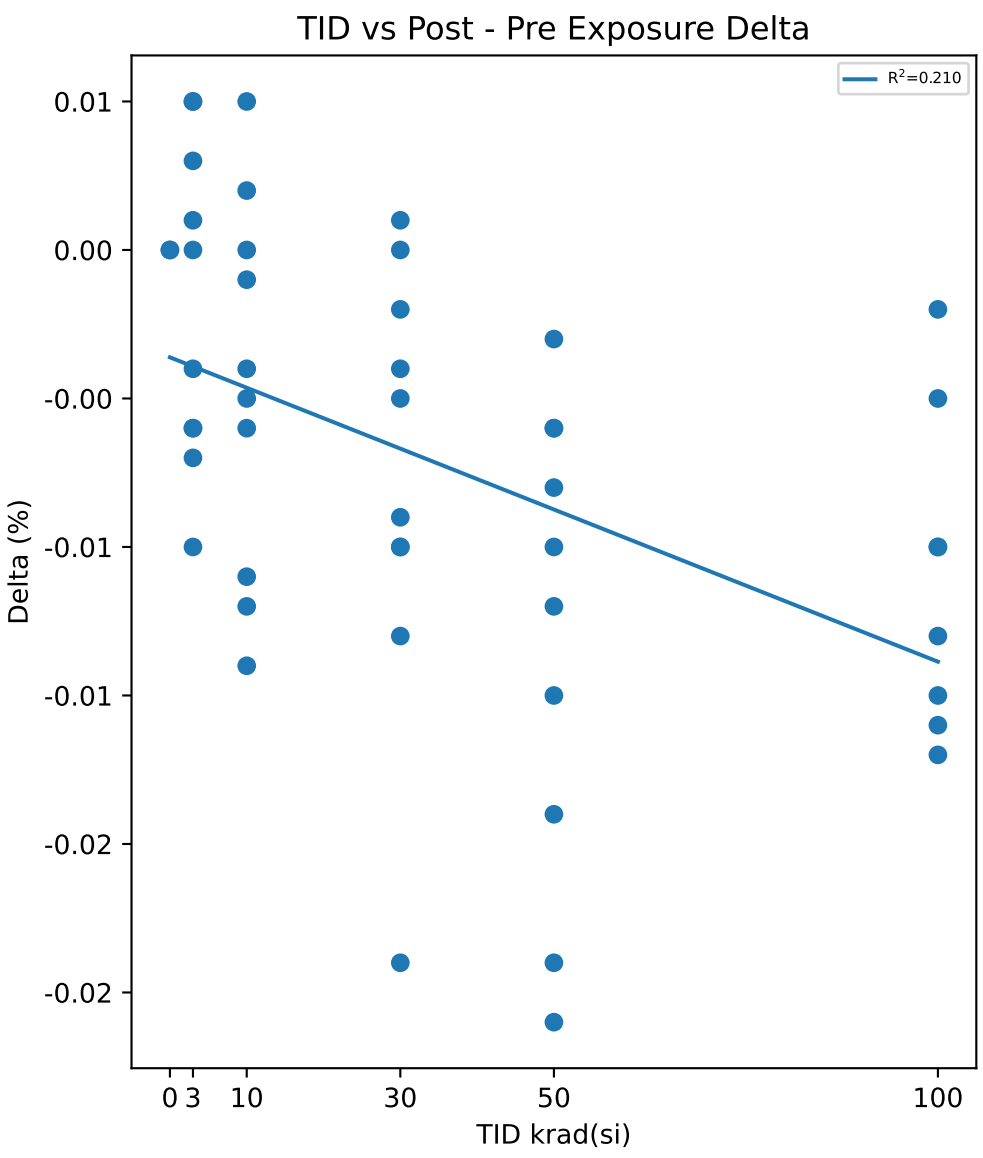
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.555	0.555	0
7	0	Correlation	0.555	0.555	0
16	3	LDR-Biased	0.557	0.542	-0.015
18	3	LDR-Biased	0.555	0.545	-0.01
19	3	LDR-Biased	0.555	0.555	0
20	3	LDR-Biased	0.554	0.547	-0.007
21	3	LDR-Biased	0.557	0.556	-0.001
22	3	LDR-Unbiased	0.553	0.557	0.004
23	3	LDR-Unbiased	0.553	0.556	0.003
25	3	LDR-Unbiased	0.553	0.551	-0.002
26	3	LDR-Unbiased	0.558	0.554	-0.004
27	3	LDR-Unbiased	0.556	0.555	-0.001
46	10	LDR-Biased	0.557	0.539	-0.018
48	10	LDR-Biased	0.555	0.541	-0.014
49	10	LDR-Biased	0.555	0.551	-0.004
50	10	LDR-Biased	0.554	0.544	-0.01
51	10	LDR-Biased	0.557	0.553	-0.004
52	10	LDR-Unbiased	0.553	0.56	0.007
53	10	LDR-Unbiased	0.553	0.557	0.004
55	10	LDR-Unbiased	0.553	0.552	-0.001
56	10	LDR-Unbiased	0.558	0.554	-0.004
57	10	LDR-Unbiased	0.556	0.556	0
76	30	LDR-Biased	0.557	0.54	-0.017
78	30	LDR-Biased	0.555	0.529	-0.026
79	30	LDR-Biased	0.555	0.551	-0.004
80	30	LDR-Biased	0.554	0.544	-0.01
81	30	LDR-Biased	0.557	0.55	-0.007
82	30	LDR-Unbiased	0.553	0.554	0.001
83	30	LDR-Unbiased	0.553	0.552	-0.001
84	30	LDR-Unbiased	0.556	0.55	-0.006
85	30	LDR-Unbiased	0.553	0.547	-0.006
86	30	LDR-Unbiased	0.558	0.549	-0.009
87	100	LDR-Biased	0.56	0.542	-0.018
88	100	LDR-Biased	0.56	0.553	-0.007
90	100	LDR-Biased	0.556	0.553	-0.003
91	100	LDR-Unbiased	0.552	0.539	-0.013
93	100	LDR-Unbiased	0.557	0.543	-0.014
94	100	LDR-Unbiased	0.558	0.542	-0.016
95	100	LDR-Unbiased	0.552	0.545	-0.007
96	100	LDR-Unbiased	0.556	0.539	-0.017
106	50	LDR-Biased	0.557	0.528	-0.029
108	50	LDR-Biased	0.555	0.535	-0.02
109	50	LDR-Biased	0.555	0.546	-0.009
110	50	LDR-Biased	0.554	0.529	-0.025
111	50	LDR-Biased	0.557	0.547	-0.01
112	50	LDR-Unbiased	0.553	0.551	-0.002
113	50	LDR-Unbiased	0.553	0.549	-0.004
115	50	LDR-Unbiased	0.553	0.544	-0.009
116	50	LDR-Unbiased	0.558	0.548	-0.01
117	50	LDR-Unbiased	0.556	0.548	-0.008

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.555	0.555	0.555	0	0.555	0.555	0.555	0	0	0	0	0
3	0.553	0.5551	0.558	0.0018529	0.542	0.5518	0.557	0.0053083	-0.015	-0.0033	0.004	0.0058888
10	0.553	0.5551	0.558	0.0018529	0.539	0.5507	0.56	0.0070561	-0.018	-0.0044	0.007	0.0077488
30	0.553	0.5551	0.558	0.0018529	0.529	0.5466	0.554	0.0073967	-0.026	-0.0085	0.001	0.0079057
50	0.553	0.5551	0.558	0.0018529	0.528	0.5425	0.551	0.0085538	-0.029	-0.0126	-0.002	0.0089716
100	0.552	0.55638	0.56	0.0031139	0.539	0.5445	0.553	0.0056061	-0.018	-0.011875	-0.003	0.0055146

Device Test: 6.68 VOL_2mA_SEQ/SEQ_DONE/7/3/0/0/2/@VOL_SEQ_DONE_2MA





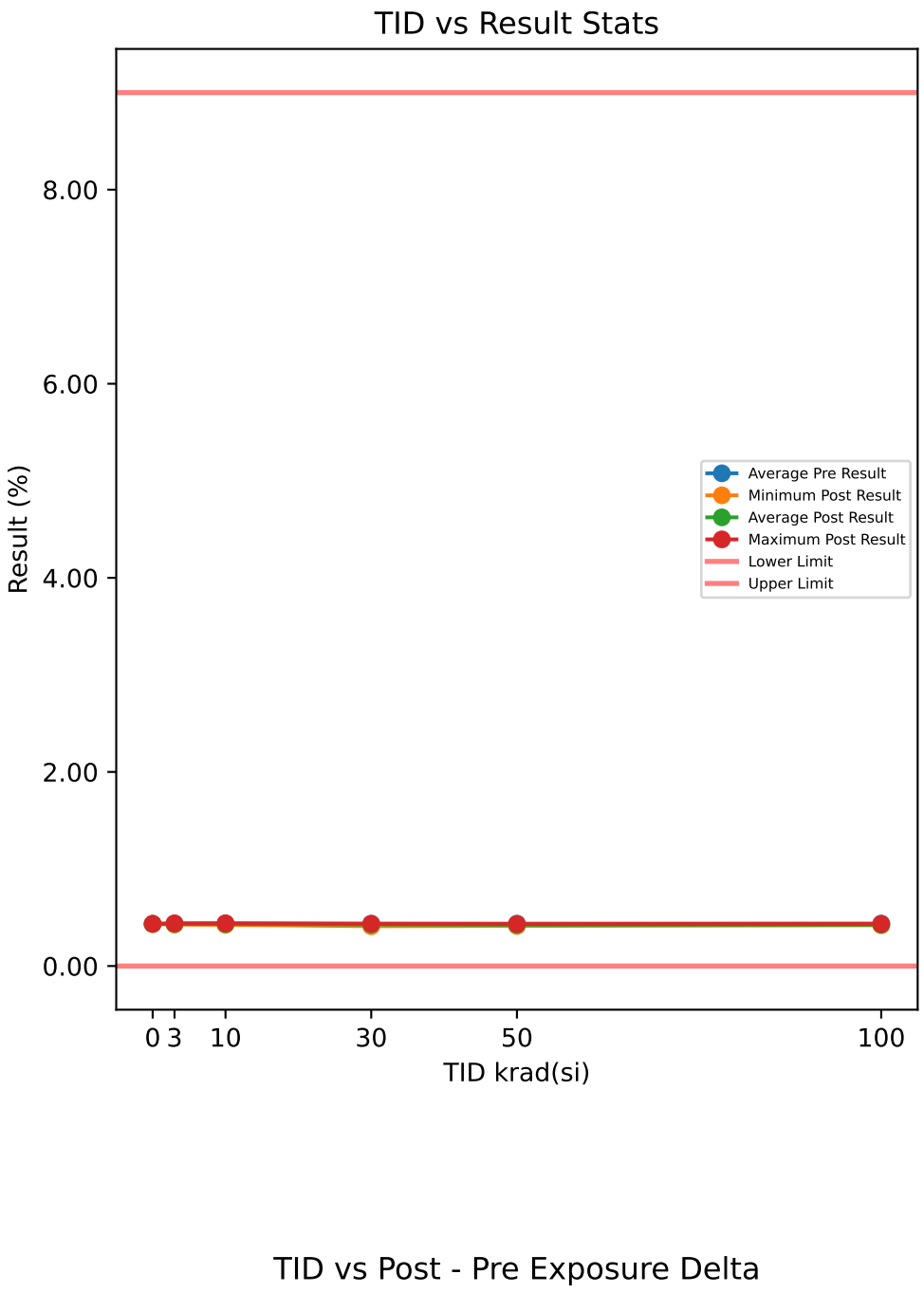
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

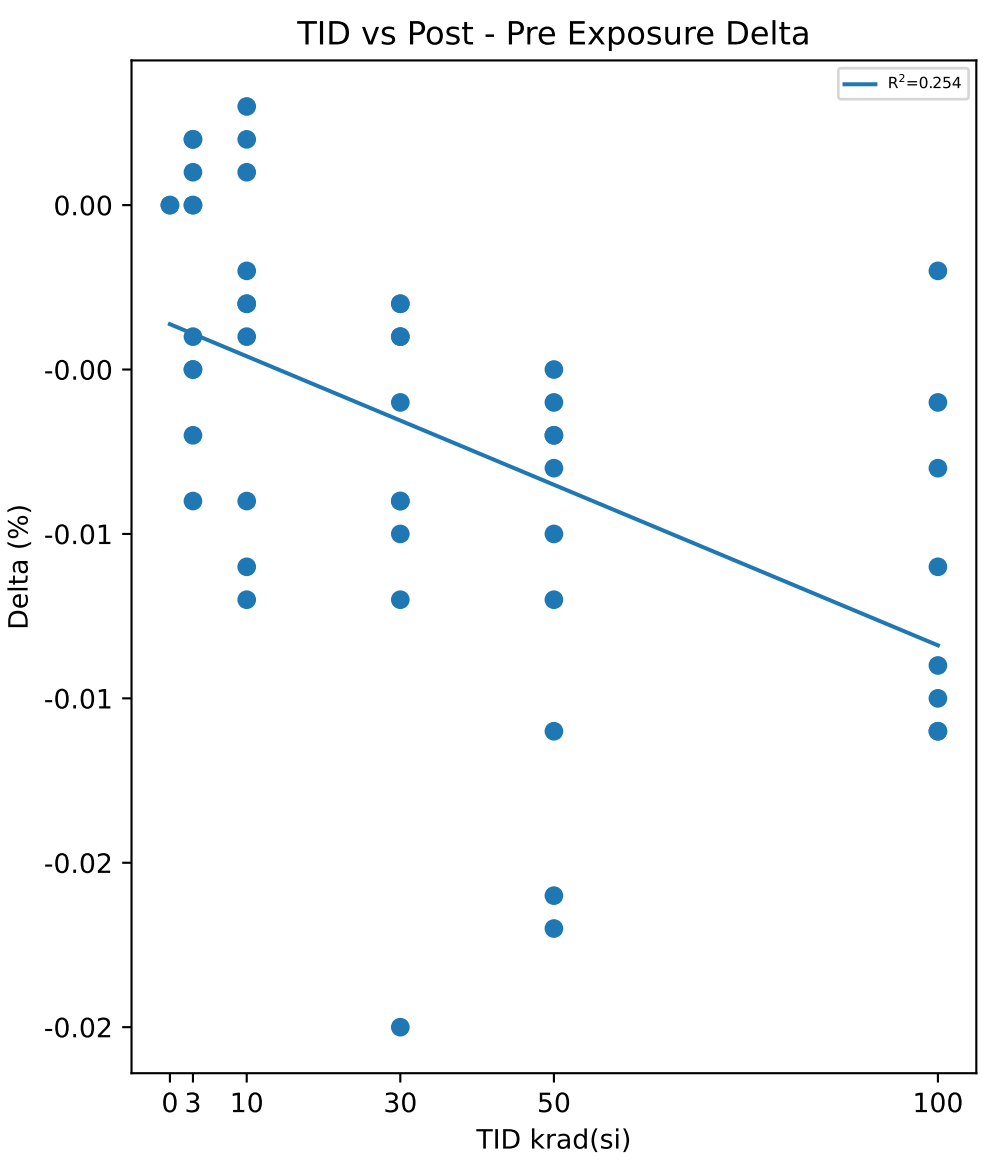
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.436	0.436	0
7	0	Correlation	0.432	0.432	0
16	3	LDR-Biased	0.436	0.426	-0.01
18	3	LDR-Biased	0.436	0.429	-0.007
19	3	LDR-Biased	0.433	0.438	0.005
20	3	LDR-Biased	0.435	0.429	-0.006
21	3	LDR-Biased	0.439	0.44	0.001
22	3	LDR-Unbiased	0.433	0.438	0.005
23	3	LDR-Unbiased	0.435	0.435	0
25	3	LDR-Unbiased	0.435	0.429	-0.006
26	3	LDR-Unbiased	0.439	0.435	-0.004
27	3	LDR-Unbiased	0.436	0.439	0.003
46	10	LDR-Biased	0.436	0.422	-0.014
48	10	LDR-Biased	0.436	0.424	-0.012
49	10	LDR-Biased	0.433	0.432	-0.001
50	10	LDR-Biased	0.435	0.424	-0.011
51	10	LDR-Biased	0.439	0.435	-0.004
52	10	LDR-Unbiased	0.433	0.438	0.005
53	10	LDR-Unbiased	0.435	0.435	0
55	10	LDR-Unbiased	0.435	0.429	-0.006
56	10	LDR-Unbiased	0.439	0.434	-0.005
57	10	LDR-Unbiased	0.436	0.438	0.002
76	30	LDR-Biased	0.436	0.423	-0.013
78	30	LDR-Biased	0.436	0.412	-0.024
79	30	LDR-Biased	0.433	0.433	0
80	30	LDR-Biased	0.435	0.425	-0.01
81	30	LDR-Biased	0.439	0.434	-0.005
82	30	LDR-Unbiased	0.433	0.434	0.001
83	30	LDR-Unbiased	0.435	0.431	-0.004
84	30	LDR-Unbiased	0.436	0.434	-0.002
85	30	LDR-Unbiased	0.435	0.425	-0.01
86	30	LDR-Unbiased	0.439	0.43	-0.009
87	100	LDR-Biased	0.441	0.424	-0.017
88	100	LDR-Biased	0.438	0.433	-0.005
90	100	LDR-Biased	0.436	0.434	-0.002
91	100	LDR-Unbiased	0.432	0.419	-0.013
93	100	LDR-Unbiased	0.439	0.423	-0.016
94	100	LDR-Unbiased	0.436	0.426	-0.01
95	100	LDR-Unbiased	0.434	0.424	-0.01
96	100	LDR-Unbiased	0.436	0.421	-0.015
106	50	LDR-Biased	0.436	0.412	-0.024
108	50	LDR-Biased	0.436	0.417	-0.019
109	50	LDR-Biased	0.433	0.427	-0.006
110	50	LDR-Biased	0.435	0.409	-0.026
111	50	LDR-Biased	0.439	0.429	-0.01
112	50	LDR-Unbiased	0.433	0.43	-0.003
113	50	LDR-Unbiased	0.435	0.427	-0.008
115	50	LDR-Unbiased	0.435	0.42	-0.015
116	50	LDR-Unbiased	0.439	0.427	-0.012
117	50	LDR-Unbiased	0.436	0.43	-0.006

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.432	0.434	0.436	0.0028284	0.432	0.434	0.436	0.0028284	0	0	0	0
3	0.433	0.4357	0.439	0.0020575	0.426	0.4338	0.44	0.0050947	-0.01	-0.0019	0.005	0.0053841
10	0.433	0.4357	0.439	0.0020575	0.422	0.4311	0.438	0.0059898	-0.014	-0.0046	0.005	0.0062929
30	0.433	0.4357	0.439	0.0020575	0.412	0.4281	0.434	0.0070309	-0.024	-0.0076	0.001	0.0074117
50	0.433	0.4357	0.439	0.0020575	0.409	0.4228	0.43	0.0077717	-0.026	-0.0129	-0.003	0.0079085
100	0.432	0.4365	0.441	0.0028284	0.419	0.4255	0.434	0.0053719	-0.017	-0.011	-0.002	0.0053452

Device Test: 6.69 VOL_2mA_PWRGD/PWRGD/7/3/0/0/2/@VOL_PWRGD_2MA





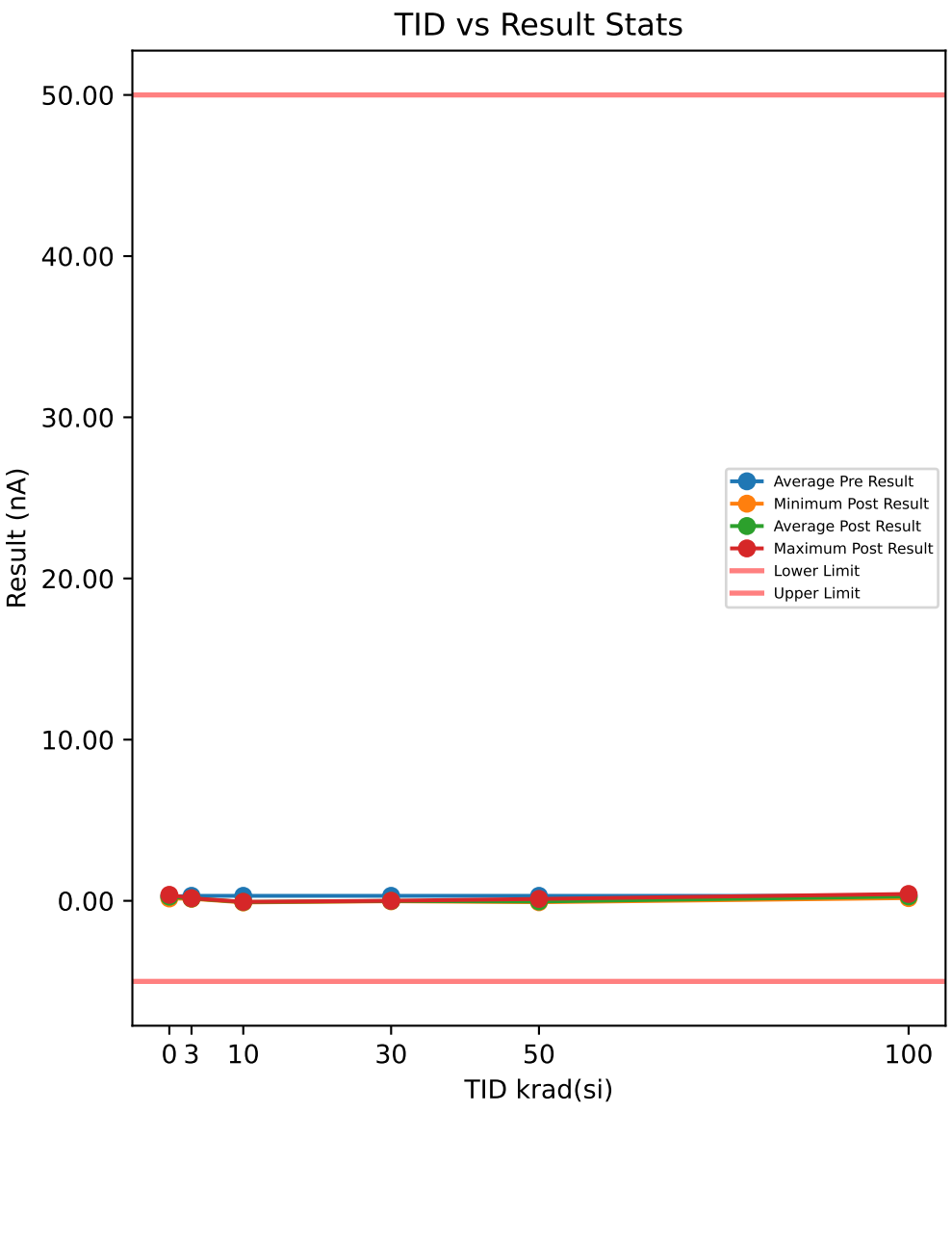
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.435	0.435	0
7	0	Correlation	0.433	0.433	0
16	3	LDR-Biased	0.436	0.427	-0.009
18	3	LDR-Biased	0.435	0.428	-0.007
19	3	LDR-Biased	0.436	0.438	0.002
20	3	LDR-Biased	0.435	0.43	-0.005
21	3	LDR-Biased	0.439	0.44	0.001
22	3	LDR-Unbiased	0.435	0.435	0
23	3	LDR-Unbiased	0.435	0.435	0
25	3	LDR-Unbiased	0.435	0.43	-0.005
26	3	LDR-Unbiased	0.438	0.434	-0.004
27	3	LDR-Unbiased	0.438	0.44	0.002
46	10	LDR-Biased	0.436	0.424	-0.012
48	10	LDR-Biased	0.435	0.424	-0.011
49	10	LDR-Biased	0.436	0.434	-0.002
50	10	LDR-Biased	0.435	0.426	-0.009
51	10	LDR-Biased	0.439	0.436	-0.003
52	10	LDR-Unbiased	0.435	0.437	0.002
53	10	LDR-Unbiased	0.435	0.436	0.001
55	10	LDR-Unbiased	0.435	0.431	-0.004
56	10	LDR-Unbiased	0.438	0.435	-0.003
57	10	LDR-Unbiased	0.438	0.441	0.003
76	30	LDR-Biased	0.436	0.424	-0.012
78	30	LDR-Biased	0.435	0.41	-0.025
79	30	LDR-Biased	0.436	0.433	-0.003
80	30	LDR-Biased	0.435	0.426	-0.009
81	30	LDR-Biased	0.439	0.433	-0.006
82	30	LDR-Unbiased	0.435	0.431	-0.004
83	30	LDR-Unbiased	0.435	0.431	-0.004
84	30	LDR-Unbiased	0.438	0.435	-0.003
85	30	LDR-Unbiased	0.435	0.425	-0.01
86	30	LDR-Unbiased	0.438	0.429	-0.009
87	100	LDR-Biased	0.439	0.423	-0.016
88	100	LDR-Biased	0.439	0.433	-0.006
90	100	LDR-Biased	0.436	0.434	-0.002
91	100	LDR-Unbiased	0.434	0.42	-0.014
93	100	LDR-Unbiased	0.439	0.423	-0.016
94	100	LDR-Unbiased	0.436	0.428	-0.008
95	100	LDR-Unbiased	0.436	0.425	-0.011
96	100	LDR-Unbiased	0.438	0.423	-0.015
106	50	LDR-Biased	0.436	0.415	-0.021
108	50	LDR-Biased	0.435	0.419	-0.016
109	50	LDR-Biased	0.436	0.429	-0.007
110	50	LDR-Biased	0.435	0.413	-0.022
111	50	LDR-Biased	0.439	0.431	-0.008
112	50	LDR-Unbiased	0.435	0.429	-0.006
113	50	LDR-Unbiased	0.435	0.428	-0.007
115	50	LDR-Unbiased	0.435	0.423	-0.012
116	50	LDR-Unbiased	0.438	0.428	-0.01
117	50	LDR-Unbiased	0.438	0.433	-0.005

Test Statistics (%)

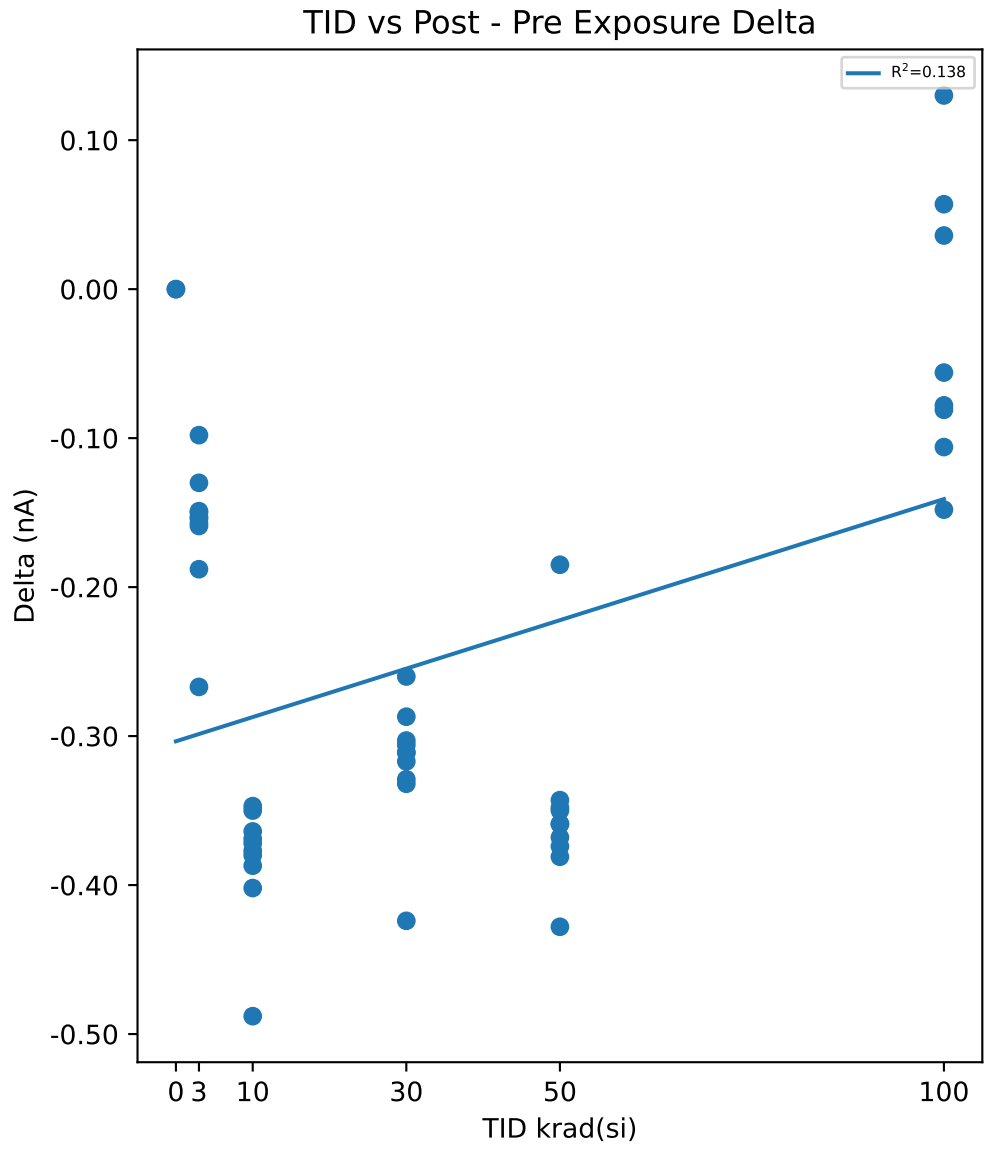
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.433	0.434	0.435	0.0014142	0.433	0.434	0.435	0.0014142	0	0	0	0
3	0.435	0.4362	0.439	0.0015492	0.427	0.4337	0.44	0.0047854	-0.009	-0.0025	0.002	0.0039791
10	0.435	0.4362	0.439	0.0015492	0.424	0.4324	0.441	0.0059104	-0.012	-0.0038	0.003	0.0053083
30	0.435	0.4362	0.439	0.0015492	0.41	0.4277	0.435	0.0072273	-0.025	-0.0085	-0.003	0.0066207
50	0.435	0.4362	0.439	0.0015492	0.413	0.4248	0.433	0.006941	-0.022	-0.0114	-0.005	0.0062218
100	0.434	0.43712	0.439	0.0018851	0.42	0.42612	0.434	0.0050832	-0.016	-0.011	-0.002	0.0052099

Device Test: 6.7 ILKG_UP/UP//3/0/0/0/@ILKG_UP_DOWN



Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

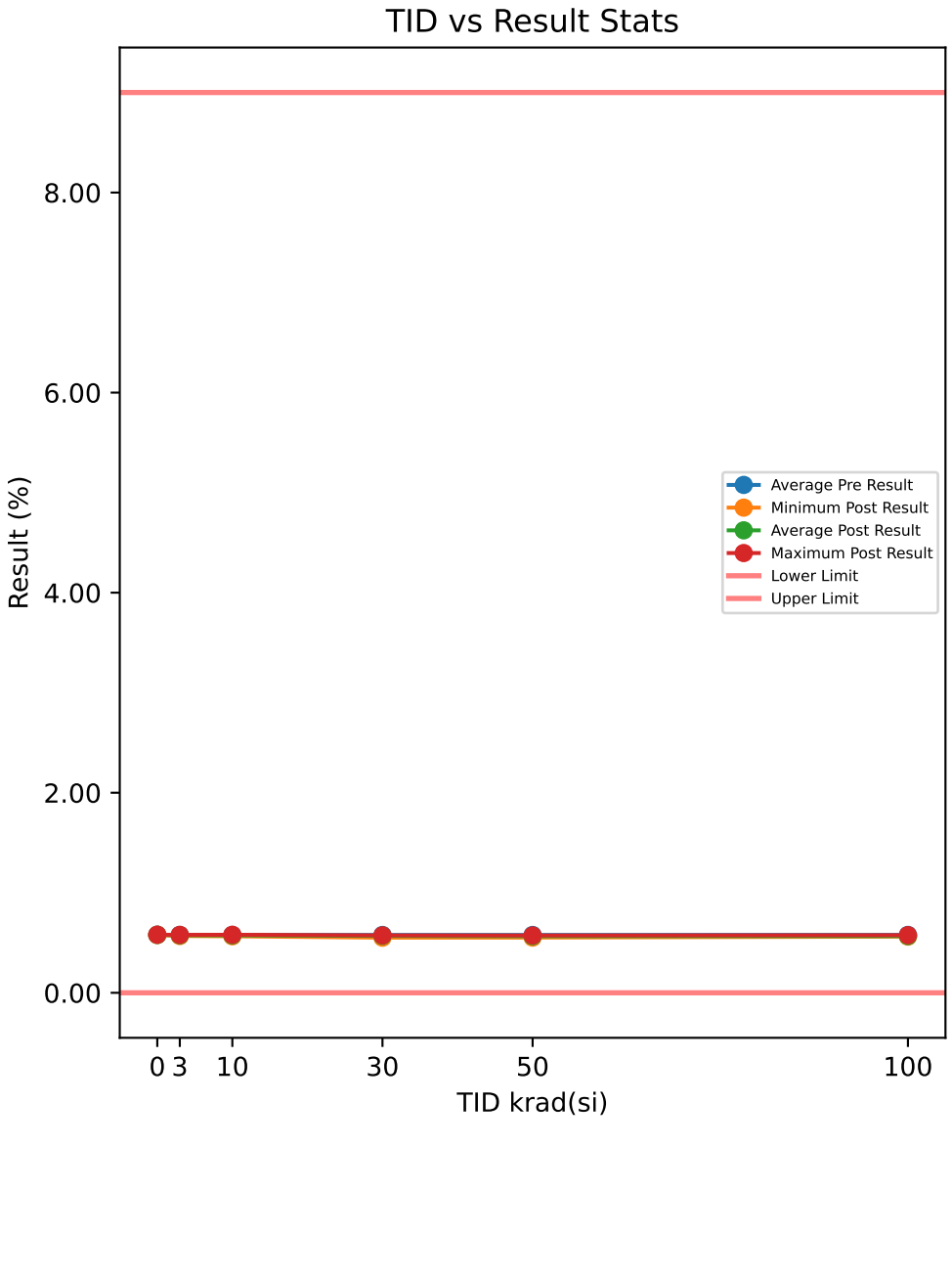
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.371	0.371	0
7	0	Correlation	0.147	0.147	0
16	3	LDR-Biased	0.415	0.148	-0.267
18	3	LDR-Biased	0.313	0.159	-0.154
19	3	LDR-Biased	0.304	0.147	-0.157
20	3	LDR-Biased	0.313	0.125	-0.188
21	3	LDR-Biased	0.302	0.153	-0.149
22	3	LDR-Unbiased	0.3	0.141	-0.159
23	3	LDR-Unbiased	0.289	0.139	-0.15
25	3	LDR-Unbiased	0.256	0.158	-0.098
26	3	LDR-Unbiased	0.29	0.16	-0.13
27	3	LDR-Unbiased	0.301	0.148	-0.153
46	10	LDR-Biased	0.415	-0.073	-0.488
48	10	LDR-Biased	0.313	-0.074	-0.387
49	10	LDR-Biased	0.304	-0.073	-0.377
50	10	LDR-Biased	0.313	-0.067	-0.38
51	10	LDR-Biased	0.302	-0.067	-0.369
52	10	LDR-Unbiased	0.3	-0.102	-0.402
53	10	LDR-Unbiased	0.289	-0.061	-0.35
55	10	LDR-Unbiased	0.256	-0.091	-0.347
56	10	LDR-Unbiased	0.29	-0.082	-0.372
57	10	LDR-Unbiased	0.301	-0.063	-0.364
76	30	LDR-Biased	0.415	-0.009	-0.424
78	30	LDR-Biased	0.313	-0.019	-0.332
79	30	LDR-Biased	0.304	-0.007	-0.311
80	30	LDR-Biased	0.313	-0.004	-0.317
81	30	LDR-Biased	0.302	-0.004	-0.306
82	30	LDR-Unbiased	0.3	-0.003	-0.303
83	30	LDR-Unbiased	0.289	-0.022	-0.311
84	30	LDR-Unbiased	0.301	-0.028	-0.329
85	30	LDR-Unbiased	0.256	-0.004	-0.26
86	30	LDR-Unbiased	0.29	0.003	-0.287
87	100	LDR-Biased	0.296	0.332	0.036
88	100	LDR-Biased	0.294	0.424	0.13
90	100	LDR-Biased	0.286	0.208	-0.078
91	100	LDR-Unbiased	0.309	0.366	0.057
93	100	LDR-Unbiased	0.3	0.219	-0.081
94	100	LDR-Unbiased	0.326	0.22	-0.106
95	100	LDR-Unbiased	0.316	0.168	-0.148
96	100	LDR-Unbiased	0.287	0.231	-0.056
106	50	LDR-Biased	0.415	-0.013	-0.428
108	50	LDR-Biased	0.313	-0.037	-0.35
109	50	LDR-Biased	0.304	-0.07	-0.374
110	50	LDR-Biased	0.313	-0.068	-0.381
111	50	LDR-Biased	0.302	-0.046	-0.348
112	50	LDR-Unbiased	0.3	-0.059	-0.359
113	50	LDR-Unbiased	0.289	-0.07	-0.359
115	50	LDR-Unbiased	0.256	-0.087	-0.343
116	50	LDR-Unbiased	0.29	-0.078	-0.368
117	50	LDR-Unbiased	0.301	0.116	-0.185

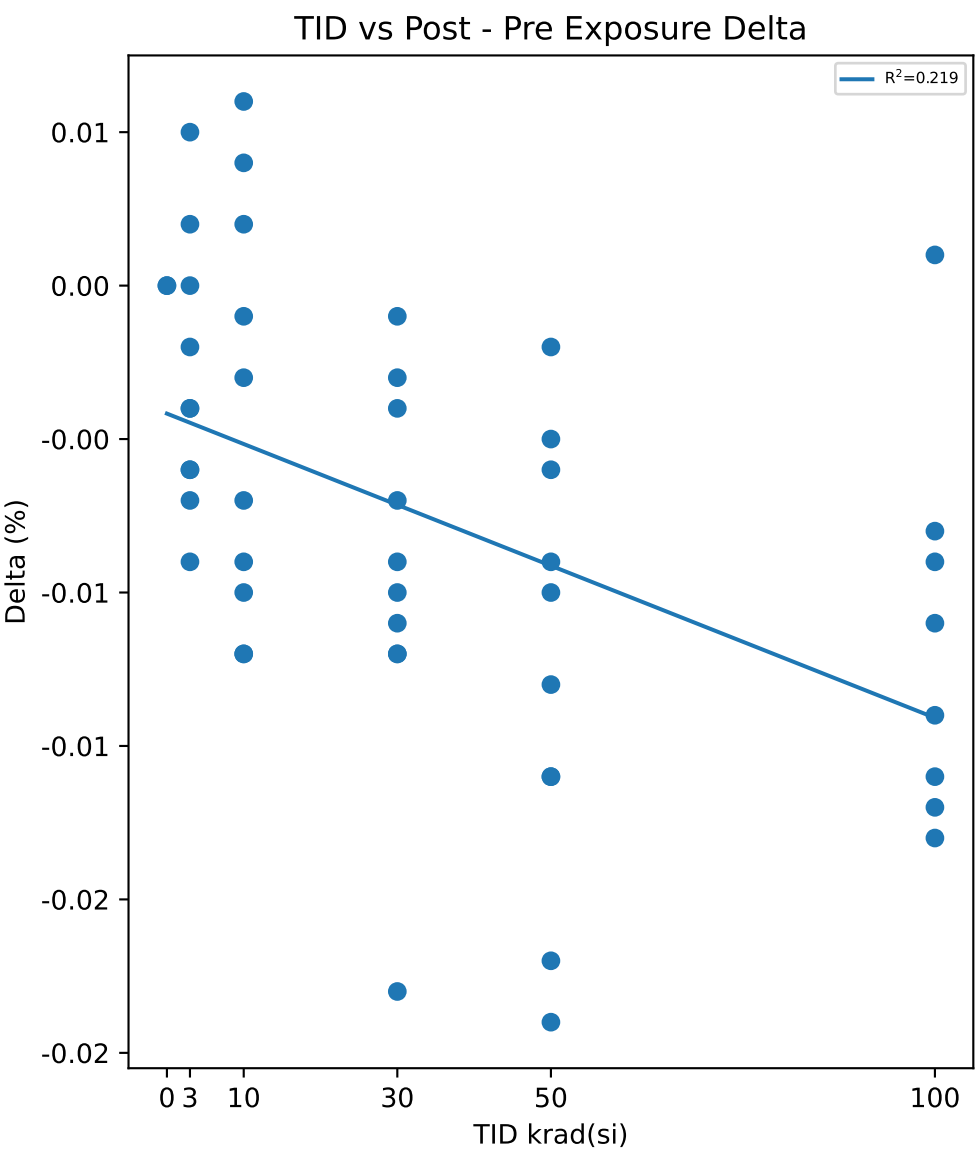


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.147	0.259	0.371	0.15839	0.147	0.259	0.371	0.15839	0	0	0	0
3	0.256	0.3083	0.415	0.040896	0.125	0.1478	0.16	0.010799	-0.267	-0.1605	-0.098	0.043831
10	0.256	0.3083	0.415	0.040896	-0.102	-0.0753	-0.061	0.012953	-0.488	-0.3836	-0.347	0.040148
30	0.256	0.3083	0.415	0.040896	-0.028	-0.0097	0.003	0.0099113	-0.424	-0.318	-0.26	0.042617
50	0.256	0.3083	0.415	0.040896	-0.087	-0.0412	0.116	0.059342	-0.428	-0.3495	-0.185	0.062701
100	0.286	0.30175	0.326	0.01417	0.168	0.271	0.424	0.090741	-0.148	-0.03075	0.13	0.094719

Device Test: 6.70 VOL_2mA_EN1/EN1/7/14/0/0/2/@VOL_EN_2MA





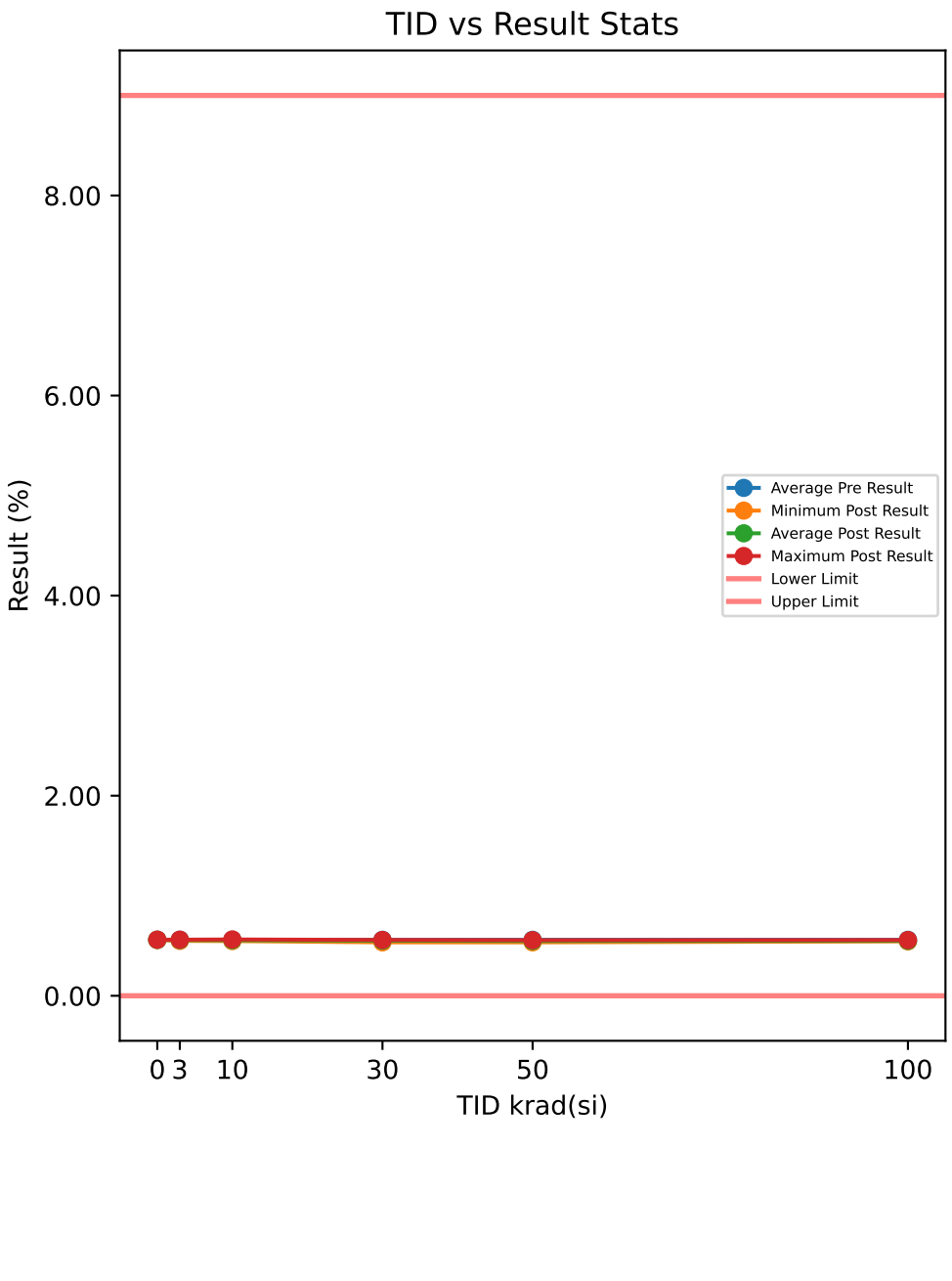
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

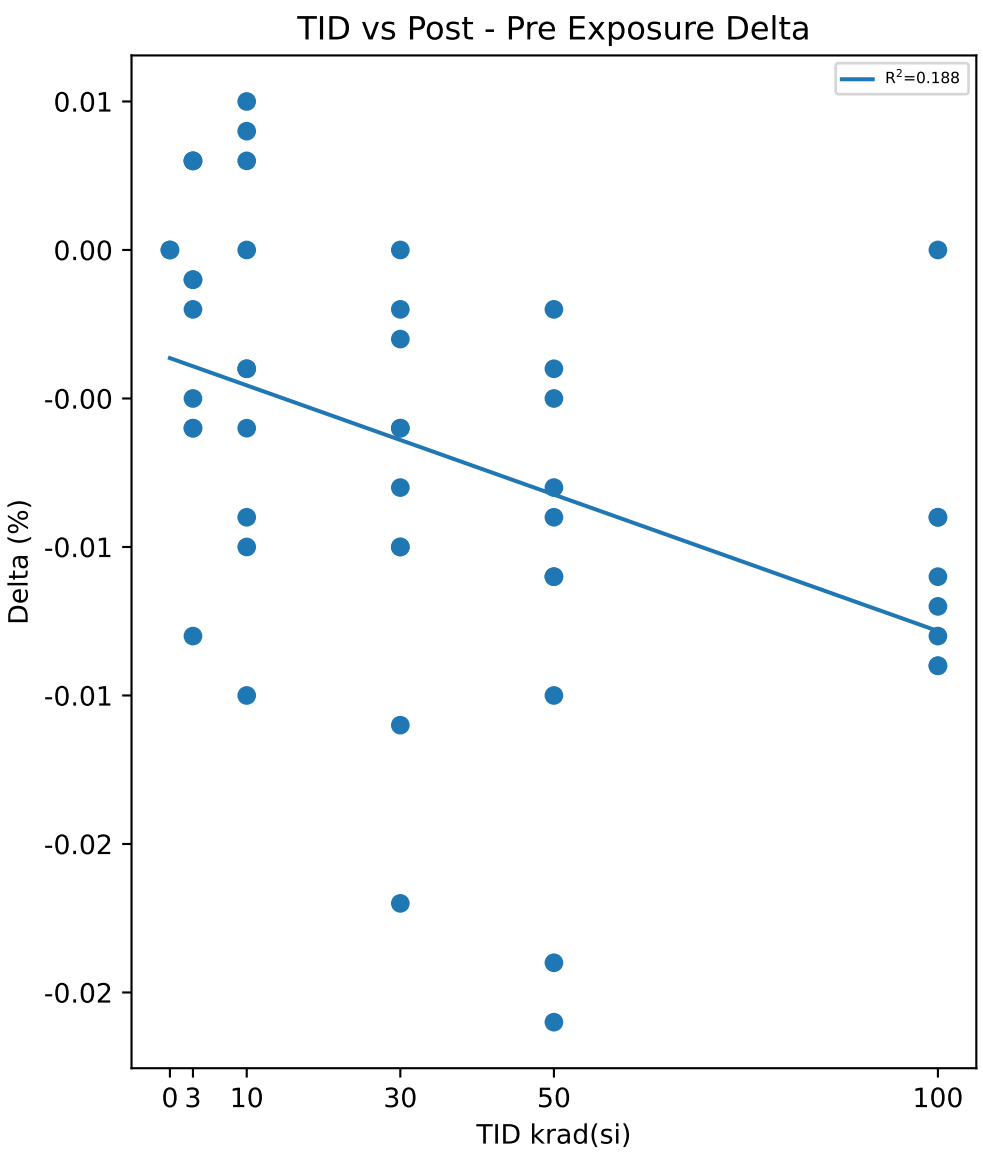
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.578	0.578	0
7	0	Correlation	0.581	0.581	0
16	3	LDR-Biased	0.58	0.571	-0.009
18	3	LDR-Biased	0.574	0.568	-0.006
19	3	LDR-Biased	0.579	0.572	-0.007
20	3	LDR-Biased	0.576	0.57	-0.006
21	3	LDR-Biased	0.582	0.578	-0.004
22	3	LDR-Unbiased	0.578	0.578	0
23	3	LDR-Unbiased	0.575	0.577	0.002
25	3	LDR-Unbiased	0.58	0.578	-0.002
26	3	LDR-Unbiased	0.583	0.579	-0.004
27	3	LDR-Unbiased	0.574	0.579	0.005
46	10	LDR-Biased	0.58	0.568	-0.012
48	10	LDR-Biased	0.574	0.565	-0.009
49	10	LDR-Biased	0.579	0.567	-0.012
50	10	LDR-Biased	0.576	0.566	-0.01
51	10	LDR-Biased	0.582	0.575	-0.007
52	10	LDR-Unbiased	0.578	0.58	0.002
53	10	LDR-Unbiased	0.575	0.579	0.004
55	10	LDR-Unbiased	0.58	0.579	-0.001
56	10	LDR-Unbiased	0.583	0.58	-0.003
57	10	LDR-Unbiased	0.574	0.58	0.006
76	30	LDR-Biased	0.58	0.568	-0.012
78	30	LDR-Biased	0.574	0.551	-0.023
79	30	LDR-Biased	0.579	0.567	-0.012
80	30	LDR-Biased	0.576	0.566	-0.01
81	30	LDR-Biased	0.582	0.571	-0.011
82	30	LDR-Unbiased	0.578	0.574	-0.004
83	30	LDR-Unbiased	0.575	0.572	-0.003
84	30	LDR-Unbiased	0.574	0.573	-0.001
85	30	LDR-Unbiased	0.58	0.573	-0.007
86	30	LDR-Unbiased	0.583	0.574	-0.009
87	100	LDR-Biased	0.582	0.566	-0.016
88	100	LDR-Biased	0.583	0.575	-0.008
90	100	LDR-Biased	0.575	0.576	0.001
91	100	LDR-Unbiased	0.576	0.562	-0.014
93	100	LDR-Unbiased	0.582	0.565	-0.017
94	100	LDR-Unbiased	0.58	0.562	-0.018
95	100	LDR-Unbiased	0.576	0.567	-0.009
96	100	LDR-Unbiased	0.575	0.564	-0.011
106	50	LDR-Biased	0.58	0.558	-0.022
108	50	LDR-Biased	0.574	0.558	-0.016
109	50	LDR-Biased	0.579	0.563	-0.016
110	50	LDR-Biased	0.576	0.552	-0.024
111	50	LDR-Biased	0.582	0.569	-0.013
112	50	LDR-Unbiased	0.578	0.572	-0.006
113	50	LDR-Unbiased	0.575	0.57	-0.005
115	50	LDR-Unbiased	0.58	0.571	-0.009
116	50	LDR-Unbiased	0.583	0.573	-0.01
117	50	LDR-Unbiased	0.574	0.572	-0.002

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.578	0.5795	0.581	0.0021213	0.578	0.5795	0.581	0.0021213	0	0	0	0
3	0.574	0.5781	0.583	0.0032472	0.568	0.575	0.579	0.0042426	-0.009	-0.0031	0.005	0.0043576
10	0.574	0.5781	0.583	0.0032472	0.565	0.5739	0.58	0.0065735	-0.012	-0.0042	0.006	0.0067297
30	0.574	0.5781	0.583	0.0032472	0.551	0.5689	0.574	0.0069354	-0.023	-0.0092	-0.001	0.0062147
50	0.574	0.5781	0.583	0.0032472	0.552	0.5658	0.573	0.0074803	-0.024	-0.0123	-0.002	0.0072579
100	0.575	0.57862	0.583	0.0034615	0.562	0.56712	0.576	0.0054625	-0.018	-0.0115	0.001	0.0062564

Device Test: 6.71 VOL_2mA_EN2/EN2/7/14/0/0/2/@VOL_EN_2MA





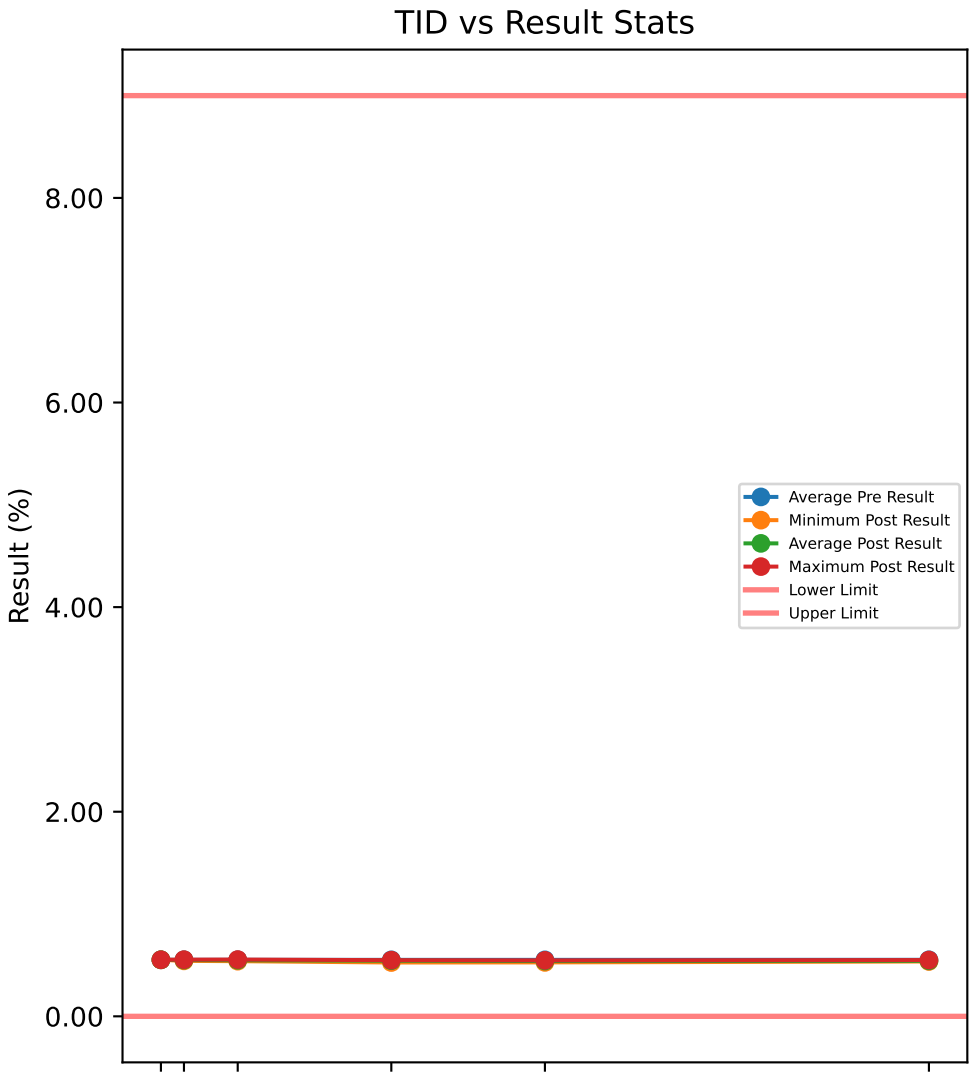
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

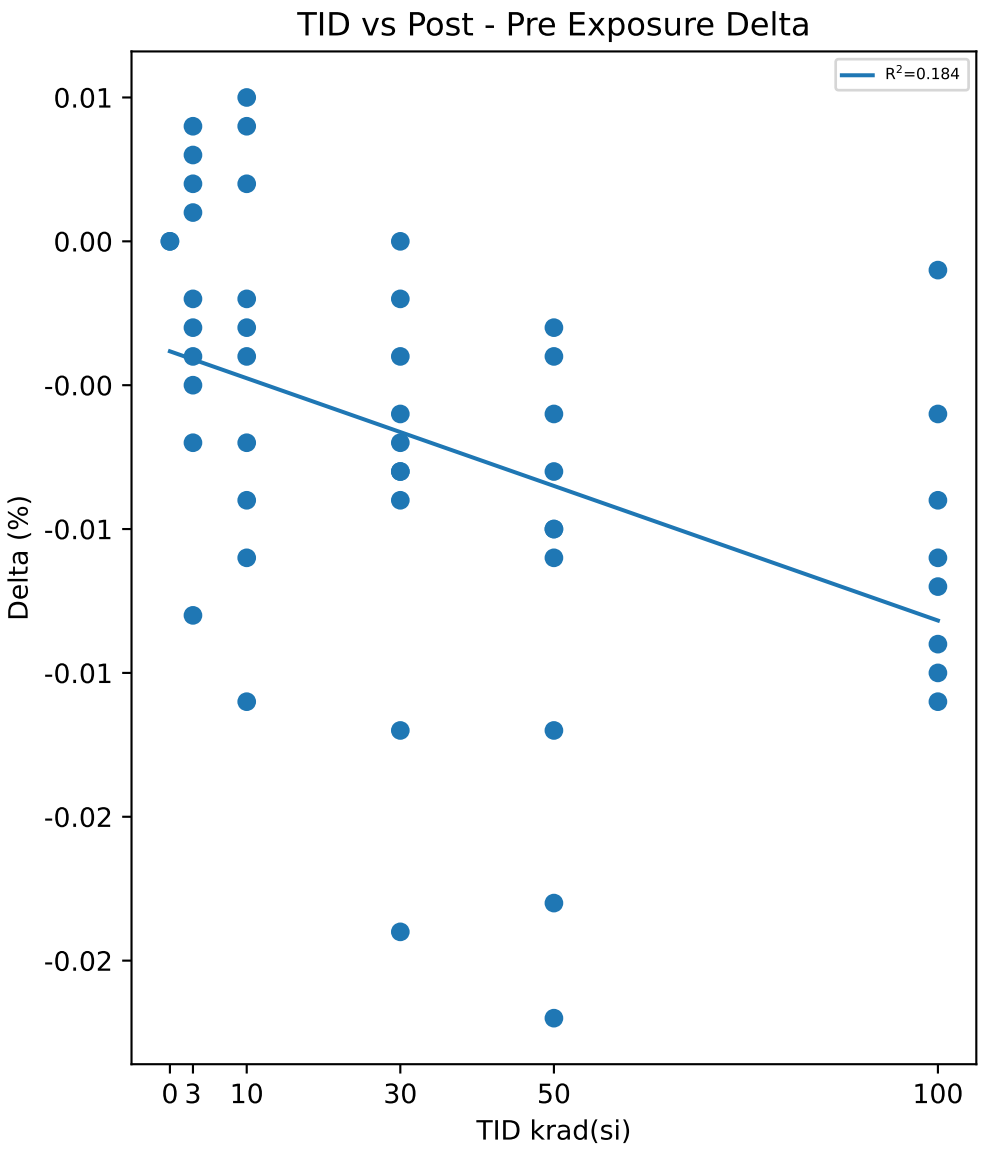
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.558	0.558	0
7	0	Correlation	0.561	0.561	0
16	3	LDR-Biased	0.562	0.549	-0.013
18	3	LDR-Biased	0.556	0.55	-0.006
19	3	LDR-Biased	0.56	0.558	-0.002
20	3	LDR-Biased	0.558	0.552	-0.006
21	3	LDR-Biased	0.561	0.56	-0.001
22	3	LDR-Unbiased	0.558	0.561	0.003
23	3	LDR-Unbiased	0.558	0.561	0.003
25	3	LDR-Unbiased	0.559	0.558	-0.001
26	3	LDR-Unbiased	0.564	0.559	-0.005
27	3	LDR-Unbiased	0.557	0.56	0.003
46	10	LDR-Biased	0.562	0.547	-0.015
48	10	LDR-Biased	0.556	0.547	-0.009
49	10	LDR-Biased	0.56	0.554	-0.006
50	10	LDR-Biased	0.558	0.548	-0.01
51	10	LDR-Biased	0.561	0.557	-0.004
52	10	LDR-Unbiased	0.558	0.563	0.005
53	10	LDR-Unbiased	0.558	0.562	0.004
55	10	LDR-Unbiased	0.559	0.559	0
56	10	LDR-Unbiased	0.564	0.56	-0.004
57	10	LDR-Unbiased	0.557	0.56	0.003
76	30	LDR-Biased	0.562	0.546	-0.016
78	30	LDR-Biased	0.556	0.534	-0.022
79	30	LDR-Biased	0.56	0.554	-0.006
80	30	LDR-Biased	0.558	0.548	-0.01
81	30	LDR-Biased	0.561	0.553	-0.008
82	30	LDR-Unbiased	0.558	0.558	0
83	30	LDR-Unbiased	0.558	0.556	-0.002
84	30	LDR-Unbiased	0.557	0.554	-0.003
85	30	LDR-Unbiased	0.559	0.553	-0.006
86	30	LDR-Unbiased	0.564	0.554	-0.01
87	100	LDR-Biased	0.561	0.547	-0.014
88	100	LDR-Biased	0.565	0.556	-0.009
90	100	LDR-Biased	0.557	0.557	0
91	100	LDR-Unbiased	0.556	0.544	-0.012
93	100	LDR-Unbiased	0.561	0.548	-0.013
94	100	LDR-Unbiased	0.562	0.548	-0.014
95	100	LDR-Unbiased	0.557	0.548	-0.009
96	100	LDR-Unbiased	0.557	0.546	-0.011
106	50	LDR-Biased	0.562	0.536	-0.026
108	50	LDR-Biased	0.556	0.541	-0.015
109	50	LDR-Biased	0.56	0.549	-0.011
110	50	LDR-Biased	0.558	0.534	-0.024
111	50	LDR-Biased	0.561	0.552	-0.009
112	50	LDR-Unbiased	0.558	0.556	-0.002
113	50	LDR-Unbiased	0.558	0.554	-0.004
115	50	LDR-Unbiased	0.559	0.551	-0.008
116	50	LDR-Unbiased	0.564	0.553	-0.011
117	50	LDR-Unbiased	0.557	0.552	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.558	0.5595	0.561	0.0021213	0.558	0.5595	0.561	0.0021213	0	0	0	0
3	0.556	0.5593	0.564	0.0024518	0.549	0.5568	0.561	0.004638	-0.013	-0.0025	0.003	0.0051262
10	0.556	0.5593	0.564	0.0024518	0.547	0.5557	0.563	0.0062902	-0.015	-0.0036	0.005	0.0066198
30	0.556	0.5593	0.564	0.0024518	0.534	0.551	0.558	0.0069282	-0.022	-0.0083	0	0.0066675
50	0.556	0.5593	0.564	0.0024518	0.534	0.5478	0.556	0.0078571	-0.026	-0.0115	-0.002	0.0080726
100	0.556	0.5595	0.565	0.0032071	0.544	0.54925	0.557	0.0046828	-0.014	-0.01025	0	0.0045904

Device Test: 6.72 VOL_2mA_EN3/EN3/7/14/0/0/2/@VOL_EN_2MA





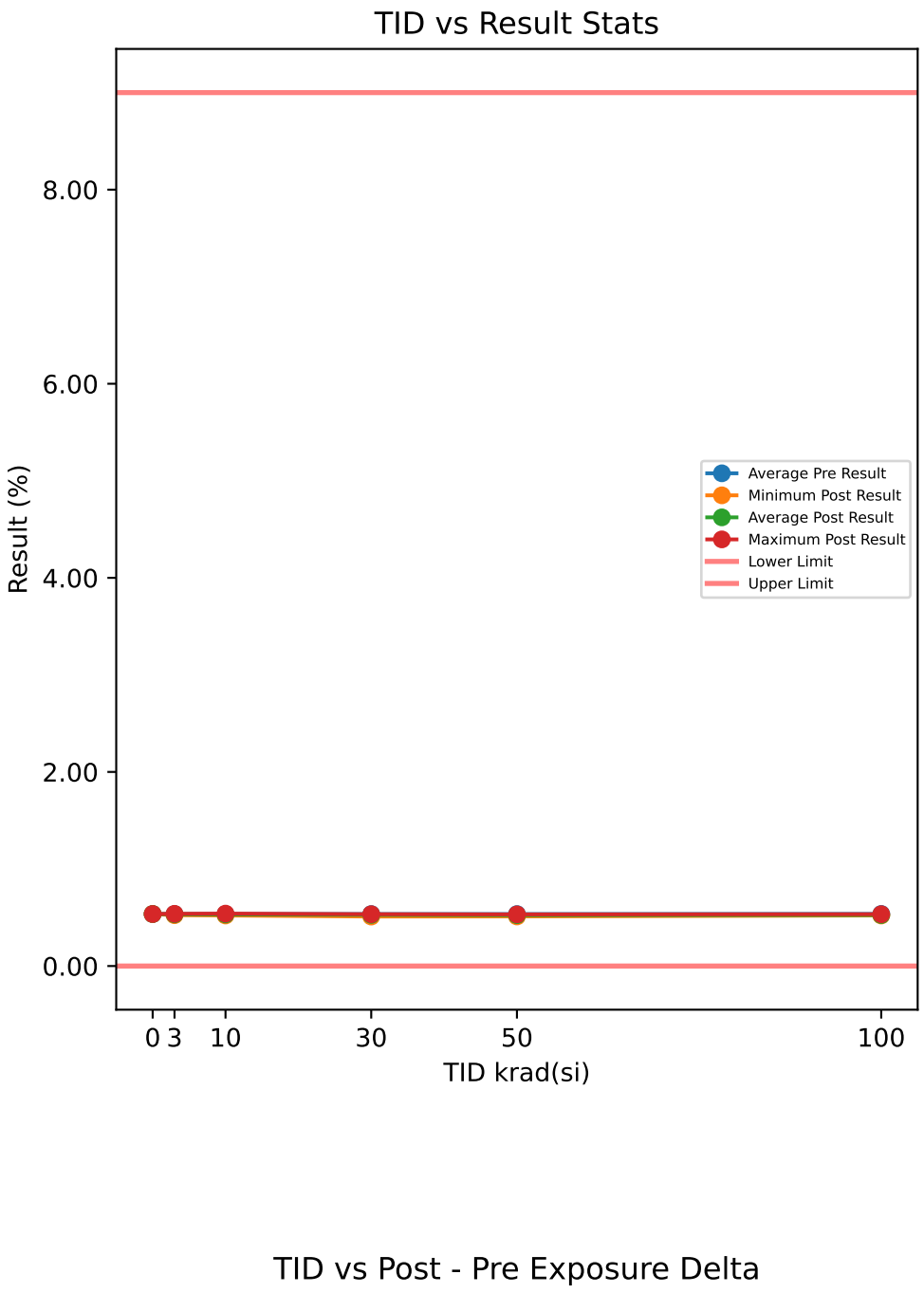
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

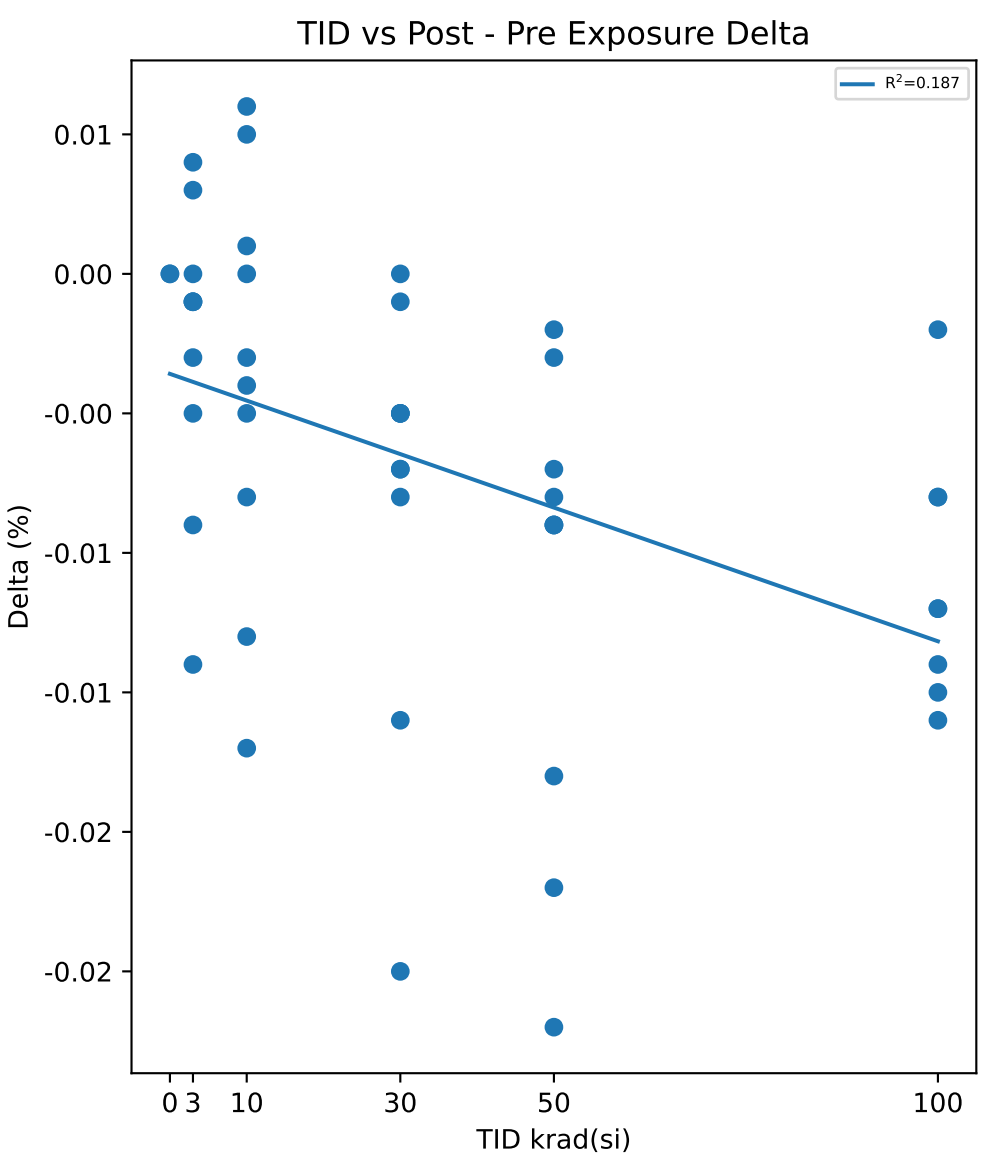
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.552	0.552	0
7	0	Correlation	0.553	0.553	0
16	3	LDR-Biased	0.555	0.542	-0.013
18	3	LDR-Biased	0.55	0.543	-0.007
19	3	LDR-Biased	0.554	0.552	-0.002
20	3	LDR-Biased	0.55	0.545	-0.005
21	3	LDR-Biased	0.553	0.554	0.001
22	3	LDR-Unbiased	0.549	0.553	0.004
23	3	LDR-Unbiased	0.551	0.554	0.003
25	3	LDR-Unbiased	0.552	0.549	-0.003
26	3	LDR-Unbiased	0.556	0.552	-0.004
27	3	LDR-Unbiased	0.551	0.553	0.002
46	10	LDR-Biased	0.555	0.539	-0.016
48	10	LDR-Biased	0.55	0.539	-0.011
49	10	LDR-Biased	0.554	0.547	-0.007
50	10	LDR-Biased	0.55	0.541	-0.009
51	10	LDR-Biased	0.553	0.55	-0.003
52	10	LDR-Unbiased	0.549	0.554	0.005
53	10	LDR-Unbiased	0.551	0.555	0.004
55	10	LDR-Unbiased	0.552	0.55	-0.002
56	10	LDR-Unbiased	0.556	0.552	-0.004
57	10	LDR-Unbiased	0.551	0.553	0.002
76	30	LDR-Biased	0.555	0.538	-0.017
78	30	LDR-Biased	0.55	0.526	-0.024
79	30	LDR-Biased	0.554	0.547	-0.007
80	30	LDR-Biased	0.55	0.542	-0.008
81	30	LDR-Biased	0.553	0.547	-0.006
82	30	LDR-Unbiased	0.549	0.549	0
83	30	LDR-Unbiased	0.551	0.549	-0.002
84	30	LDR-Unbiased	0.551	0.547	-0.004
85	30	LDR-Unbiased	0.552	0.544	-0.008
86	30	LDR-Unbiased	0.556	0.547	-0.009
87	100	LDR-Biased	0.556	0.54	-0.016
88	100	LDR-Biased	0.558	0.549	-0.009
90	100	LDR-Biased	0.551	0.55	-0.001
91	100	LDR-Unbiased	0.547	0.536	-0.011
93	100	LDR-Unbiased	0.553	0.541	-0.012
94	100	LDR-Unbiased	0.555	0.54	-0.015
95	100	LDR-Unbiased	0.549	0.543	-0.006
96	100	LDR-Unbiased	0.551	0.537	-0.014
106	50	LDR-Biased	0.555	0.528	-0.027
108	50	LDR-Biased	0.55	0.533	-0.017
109	50	LDR-Biased	0.554	0.543	-0.011
110	50	LDR-Biased	0.55	0.527	-0.023
111	50	LDR-Biased	0.553	0.545	-0.008
112	50	LDR-Unbiased	0.549	0.546	-0.003
113	50	LDR-Unbiased	0.551	0.547	-0.004
115	50	LDR-Unbiased	0.552	0.542	-0.01
116	50	LDR-Unbiased	0.556	0.546	-0.01
117	50	LDR-Unbiased	0.551	0.545	-0.006

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.552	0.5525	0.553	0.00070711	0.552	0.5525	0.553	0.00070711	0	0	0	0
3	0.549	0.5521	0.556	0.002331	0.542	0.5497	0.554	0.0046679	-0.013	-0.0024	0.004	0.0052111
10	0.549	0.5521	0.556	0.002331	0.539	0.548	0.555	0.0062004	-0.016	-0.0041	0.005	0.0067733
30	0.549	0.5521	0.556	0.002331	0.526	0.5436	0.549	0.0070585	-0.024	-0.0085	0	0.007122
50	0.549	0.5521	0.556	0.002331	0.527	0.5402	0.547	0.007786	-0.027	-0.0119	-0.003	0.0080062
100	0.547	0.5525	0.558	0.0037033	0.536	0.542	0.55	0.005127	-0.016	-0.0105	-0.001	0.0050427

Device Test: 6.73 VOL_2mA_EN4/EN4/7/14/0/0/2/@VOL_EN_2MA





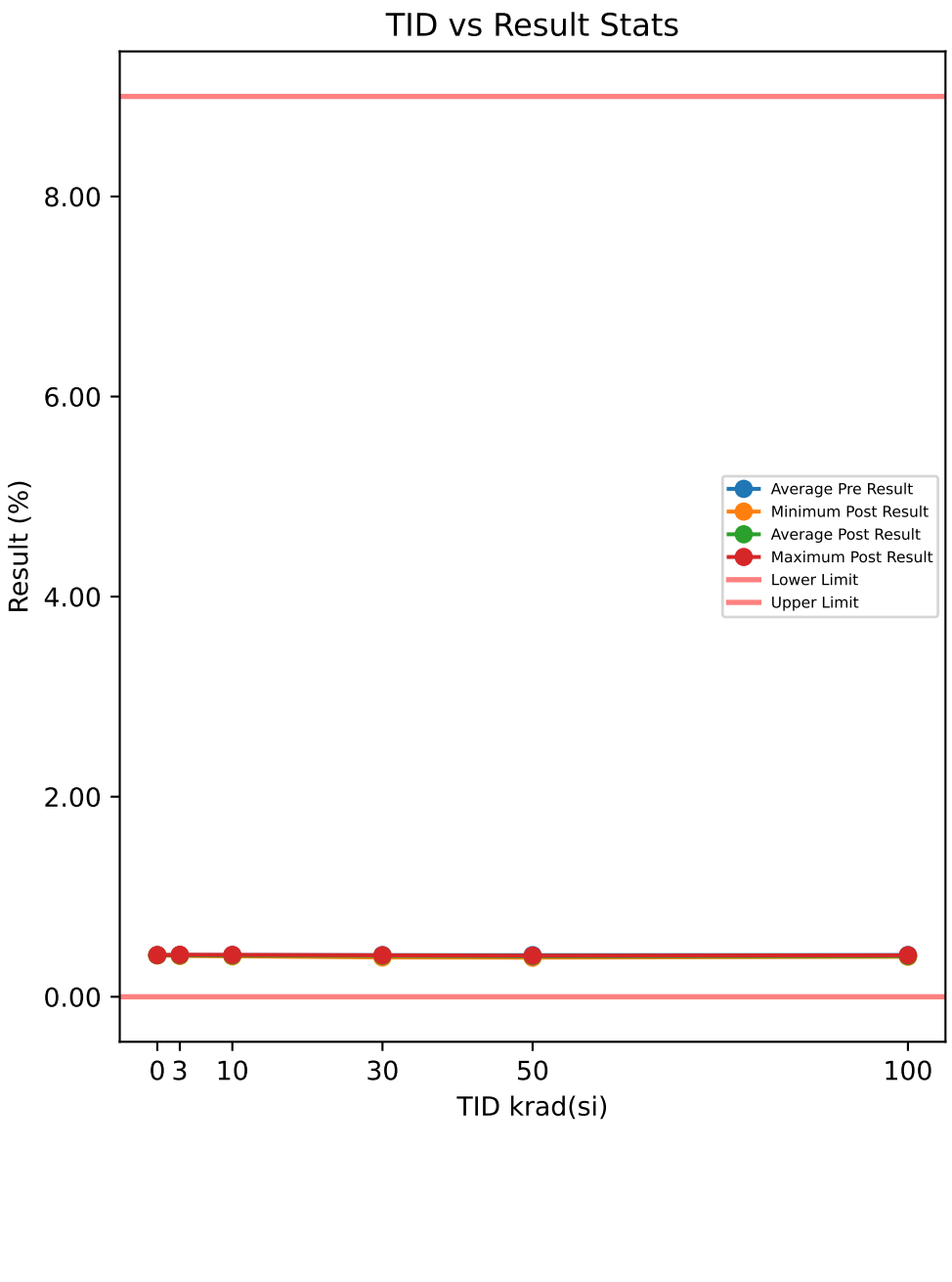
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

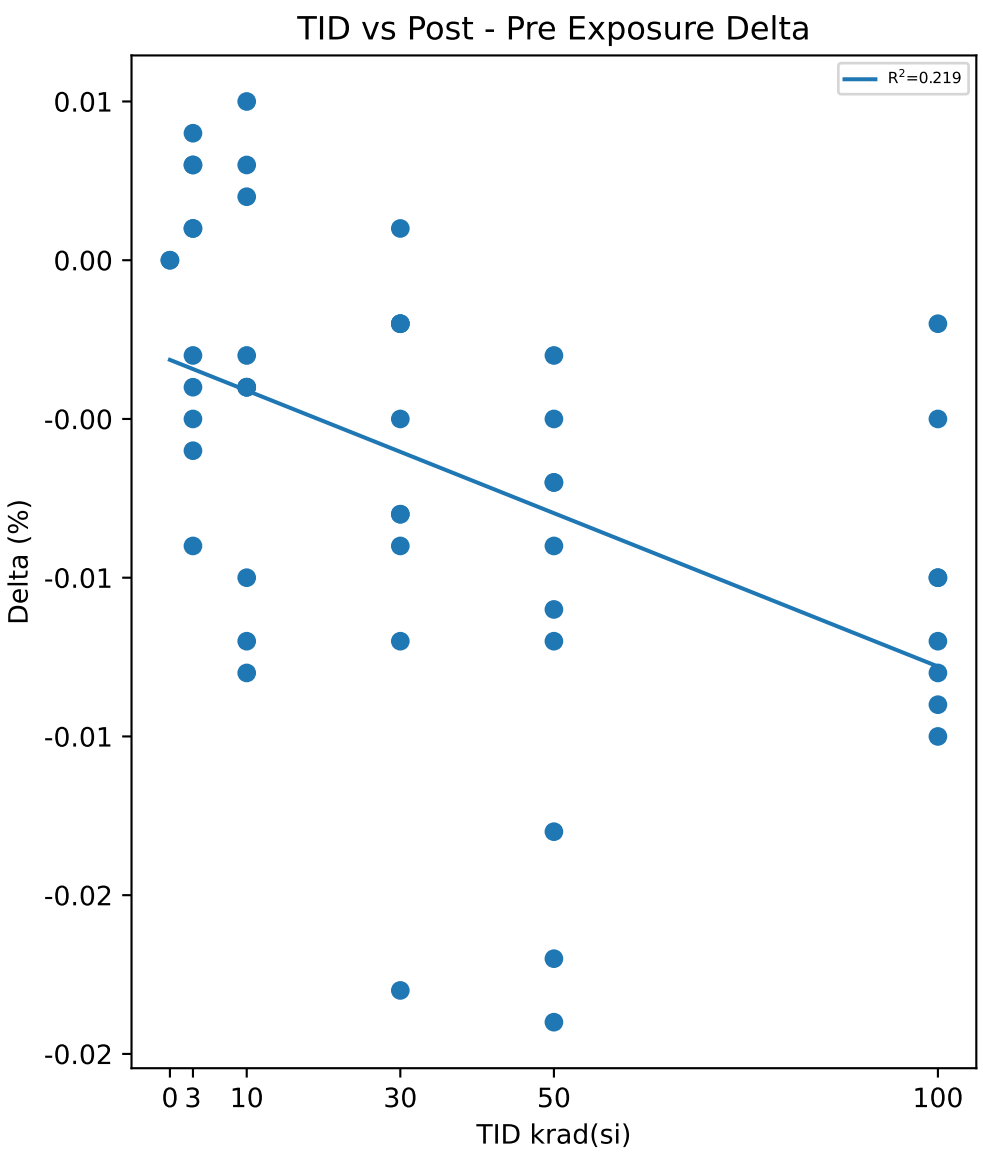
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.536	0.536	0
7	0	Correlation	0.536	0.536	0
16	3	LDR-Biased	0.538	0.524	-0.014
18	3	LDR-Biased	0.535	0.526	-0.009
19	3	LDR-Biased	0.536	0.535	-0.001
20	3	LDR-Biased	0.533	0.528	-0.005
21	3	LDR-Biased	0.537	0.536	-0.001
22	3	LDR-Unbiased	0.534	0.538	0.004
23	3	LDR-Unbiased	0.533	0.536	0.003
25	3	LDR-Unbiased	0.534	0.533	-0.001
26	3	LDR-Unbiased	0.539	0.536	-0.003
27	3	LDR-Unbiased	0.535	0.535	0
46	10	LDR-Biased	0.538	0.521	-0.017
48	10	LDR-Biased	0.535	0.522	-0.013
49	10	LDR-Biased	0.536	0.531	-0.005
50	10	LDR-Biased	0.533	0.525	-0.008
51	10	LDR-Biased	0.537	0.533	-0.004
52	10	LDR-Unbiased	0.534	0.54	0.006
53	10	LDR-Unbiased	0.533	0.538	0.005
55	10	LDR-Unbiased	0.534	0.534	0
56	10	LDR-Unbiased	0.539	0.536	-0.003
57	10	LDR-Unbiased	0.535	0.536	0.001
76	30	LDR-Biased	0.538	0.522	-0.016
78	30	LDR-Biased	0.535	0.51	-0.025
79	30	LDR-Biased	0.536	0.531	-0.005
80	30	LDR-Biased	0.533	0.526	-0.007
81	30	LDR-Biased	0.537	0.53	-0.007
82	30	LDR-Unbiased	0.534	0.534	0
83	30	LDR-Unbiased	0.533	0.532	-0.001
84	30	LDR-Unbiased	0.535	0.53	-0.005
85	30	LDR-Unbiased	0.534	0.529	-0.005
86	30	LDR-Unbiased	0.539	0.531	-0.008
87	100	LDR-Biased	0.54	0.524	-0.016
88	100	LDR-Biased	0.541	0.533	-0.008
90	100	LDR-Biased	0.536	0.534	-0.002
91	100	LDR-Unbiased	0.533	0.521	-0.012
93	100	LDR-Unbiased	0.537	0.525	-0.012
94	100	LDR-Unbiased	0.539	0.524	-0.015
95	100	LDR-Unbiased	0.533	0.525	-0.008
96	100	LDR-Unbiased	0.535	0.521	-0.014
106	50	LDR-Biased	0.538	0.511	-0.027
108	50	LDR-Biased	0.535	0.517	-0.018
109	50	LDR-Biased	0.536	0.527	-0.009
110	50	LDR-Biased	0.533	0.511	-0.022
111	50	LDR-Biased	0.537	0.528	-0.009
112	50	LDR-Unbiased	0.534	0.532	-0.002
113	50	LDR-Unbiased	0.533	0.53	-0.003
115	50	LDR-Unbiased	0.534	0.526	-0.008
116	50	LDR-Unbiased	0.539	0.53	-0.009
117	50	LDR-Unbiased	0.535	0.528	-0.007

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.536	0.536	0.536	0	0.536	0.536	0.536	0	0	0	0	0
3	0.533	0.5354	0.539	0.0020656	0.524	0.5327	0.538	0.0048774	-0.014	-0.0027	0.004	0.0054375
10	0.533	0.5354	0.539	0.0020656	0.521	0.5316	0.54	0.0067198	-0.017	-0.0038	0.006	0.0073756
30	0.533	0.5354	0.539	0.0020656	0.51	0.5275	0.534	0.006996	-0.025	-0.0079	0	0.0074154
50	0.533	0.5354	0.539	0.0020656	0.511	0.524	0.532	0.0079443	-0.027	-0.0114	-0.002	0.0082084
100	0.533	0.53675	0.541	0.0030589	0.521	0.52587	0.534	0.0049696	-0.016	-0.010875	-0.002	0.0046426

Device Test: 6.74 VOL_2mA_SEQ/SEQ_DONE/7/14/0/0/2/@VOL_SEQ_DONE_2MA





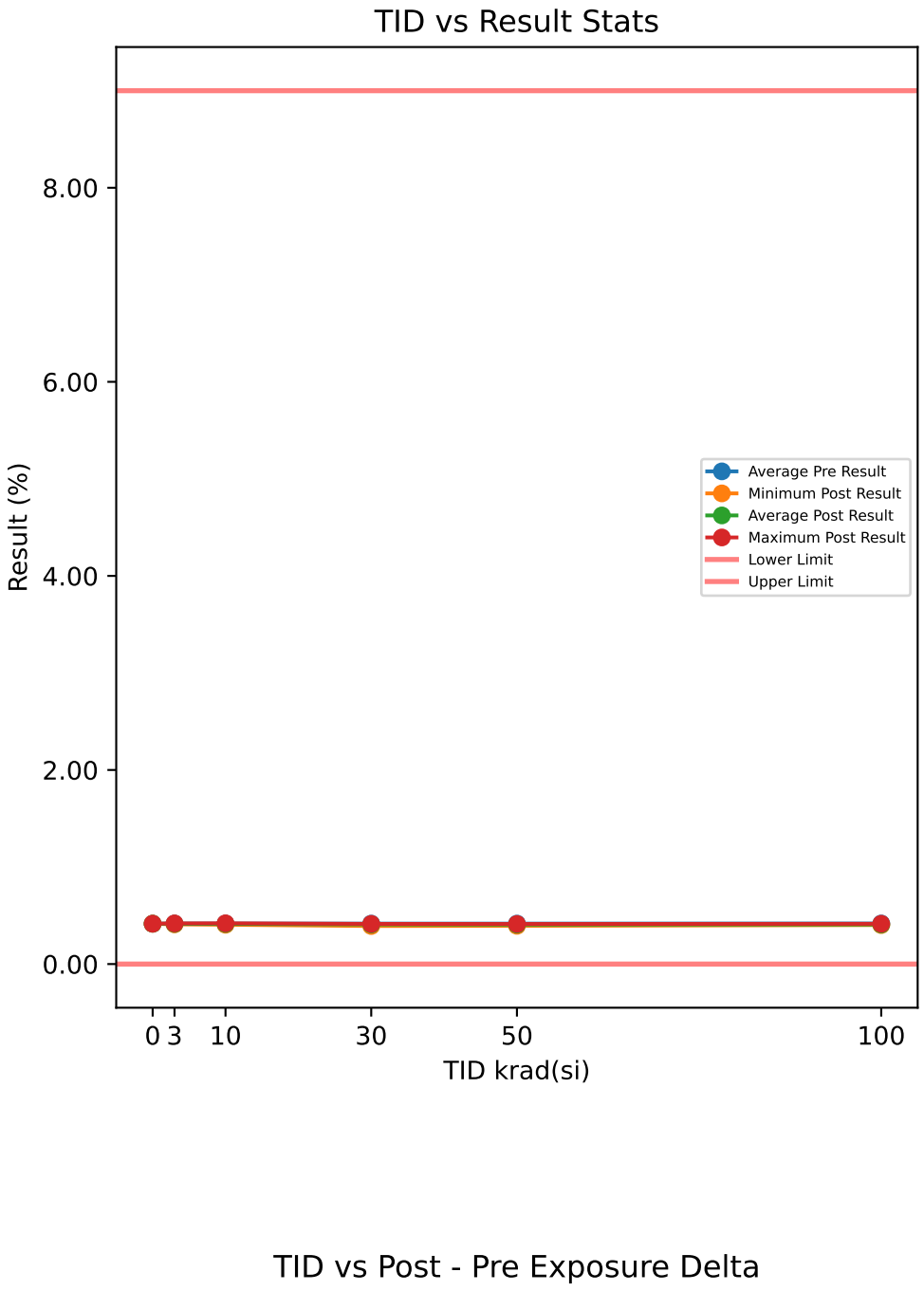
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

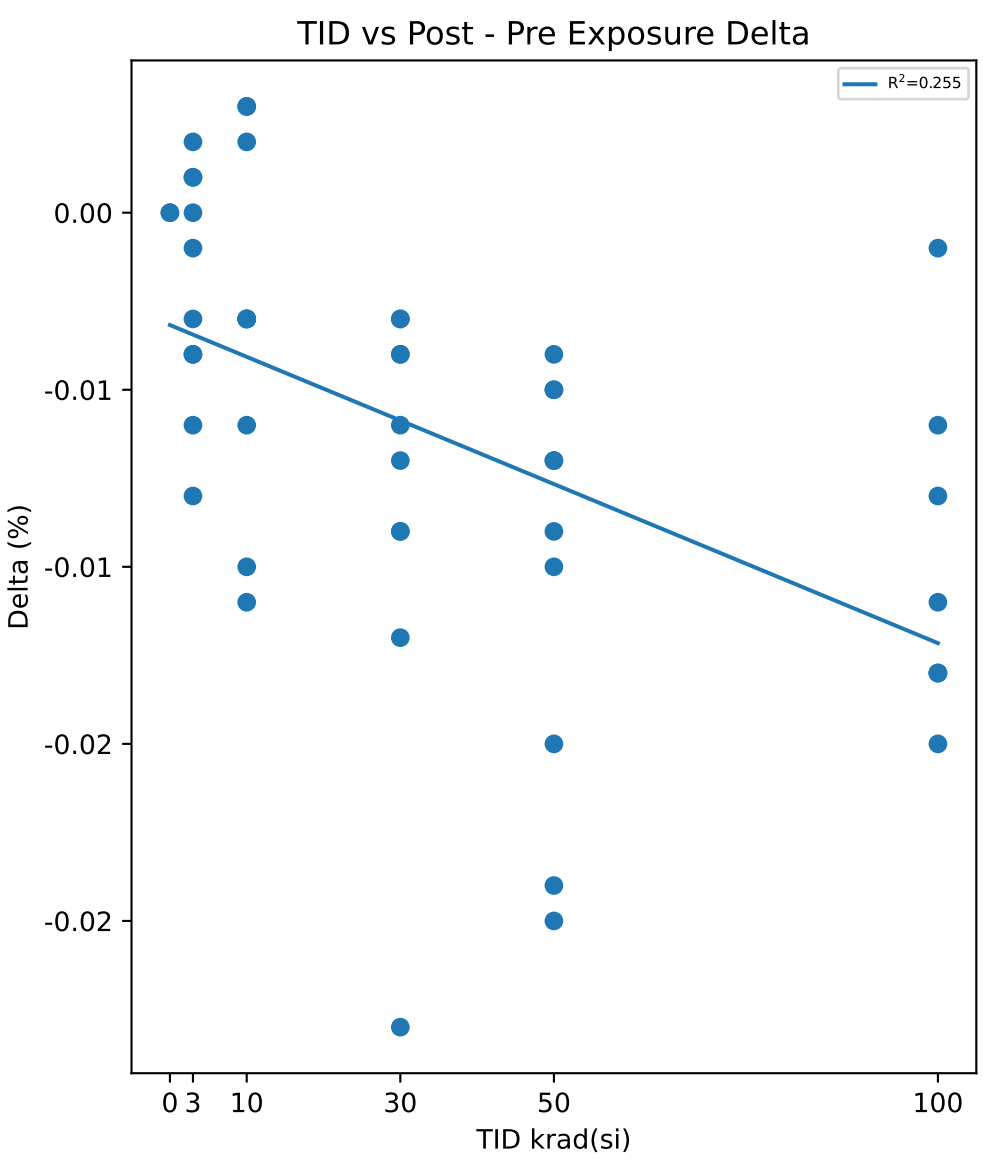
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.417	0.417	0
7	0	Correlation	0.414	0.414	0
16	3	LDR-Biased	0.417	0.408	-0.009
18	3	LDR-Biased	0.416	0.41	-0.006
19	3	LDR-Biased	0.415	0.418	0.003
20	3	LDR-Biased	0.415	0.41	-0.005
21	3	LDR-Biased	0.419	0.42	0.001
22	3	LDR-Unbiased	0.414	0.418	0.004
23	3	LDR-Unbiased	0.415	0.416	0.001
25	3	LDR-Unbiased	0.415	0.411	-0.004
26	3	LDR-Unbiased	0.42	0.417	-0.003
27	3	LDR-Unbiased	0.415	0.418	0.003
46	10	LDR-Biased	0.417	0.404	-0.013
48	10	LDR-Biased	0.416	0.404	-0.012
49	10	LDR-Biased	0.415	0.412	-0.003
50	10	LDR-Biased	0.415	0.405	-0.01
51	10	LDR-Biased	0.419	0.415	-0.004
52	10	LDR-Unbiased	0.414	0.419	0.005
53	10	LDR-Unbiased	0.415	0.417	0.002
55	10	LDR-Unbiased	0.415	0.411	-0.004
56	10	LDR-Unbiased	0.42	0.416	-0.004
57	10	LDR-Unbiased	0.415	0.418	0.003
76	30	LDR-Biased	0.417	0.405	-0.012
78	30	LDR-Biased	0.416	0.393	-0.023
79	30	LDR-Biased	0.415	0.413	-0.002
80	30	LDR-Biased	0.415	0.406	-0.009
81	30	LDR-Biased	0.419	0.414	-0.005
82	30	LDR-Unbiased	0.414	0.415	0.001
83	30	LDR-Unbiased	0.415	0.413	-0.002
84	30	LDR-Unbiased	0.415	0.413	-0.002
85	30	LDR-Unbiased	0.415	0.407	-0.008
86	30	LDR-Unbiased	0.42	0.412	-0.008
87	100	LDR-Biased	0.421	0.406	-0.015
88	100	LDR-Biased	0.419	0.414	-0.005
90	100	LDR-Biased	0.417	0.415	-0.002
91	100	LDR-Unbiased	0.413	0.4	-0.013
93	100	LDR-Unbiased	0.419	0.405	-0.014
94	100	LDR-Unbiased	0.417	0.407	-0.01
95	100	LDR-Unbiased	0.415	0.405	-0.01
96	100	LDR-Unbiased	0.415	0.403	-0.012
106	50	LDR-Biased	0.417	0.395	-0.022
108	50	LDR-Biased	0.416	0.398	-0.018
109	50	LDR-Biased	0.415	0.408	-0.007
110	50	LDR-Biased	0.415	0.391	-0.024
111	50	LDR-Biased	0.419	0.41	-0.009
112	50	LDR-Unbiased	0.414	0.411	-0.003
113	50	LDR-Unbiased	0.415	0.408	-0.007
115	50	LDR-Unbiased	0.415	0.403	-0.012
116	50	LDR-Unbiased	0.42	0.409	-0.011
117	50	LDR-Unbiased	0.415	0.41	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.414	0.4155	0.417	0.0021213	0.414	0.4155	0.417	0.0021213	0	0	0	0
3	0.414	0.4161	0.42	0.0019692	0.408	0.4146	0.42	0.0043512	-0.009	-0.0015	0.004	0.0044783
10	0.414	0.4161	0.42	0.0019692	0.404	0.4121	0.419	0.0058963	-0.013	-0.004	0.005	0.0062183
30	0.414	0.4161	0.42	0.0019692	0.393	0.4091	0.415	0.0066908	-0.023	-0.007	0.001	0.0069121
50	0.414	0.4161	0.42	0.0019692	0.391	0.4043	0.411	0.007181	-0.024	-0.0118	-0.003	0.0072234
100	0.413	0.417	0.421	0.0026186	0.4	0.40687	0.415	0.0051669	-0.015	-0.010125	-0.002	0.0045178

Device Test: 6.75 VOL_2mA_PWRGD/PWRGD/7/14/0/0/2/@VOL_PWRGD_2MA





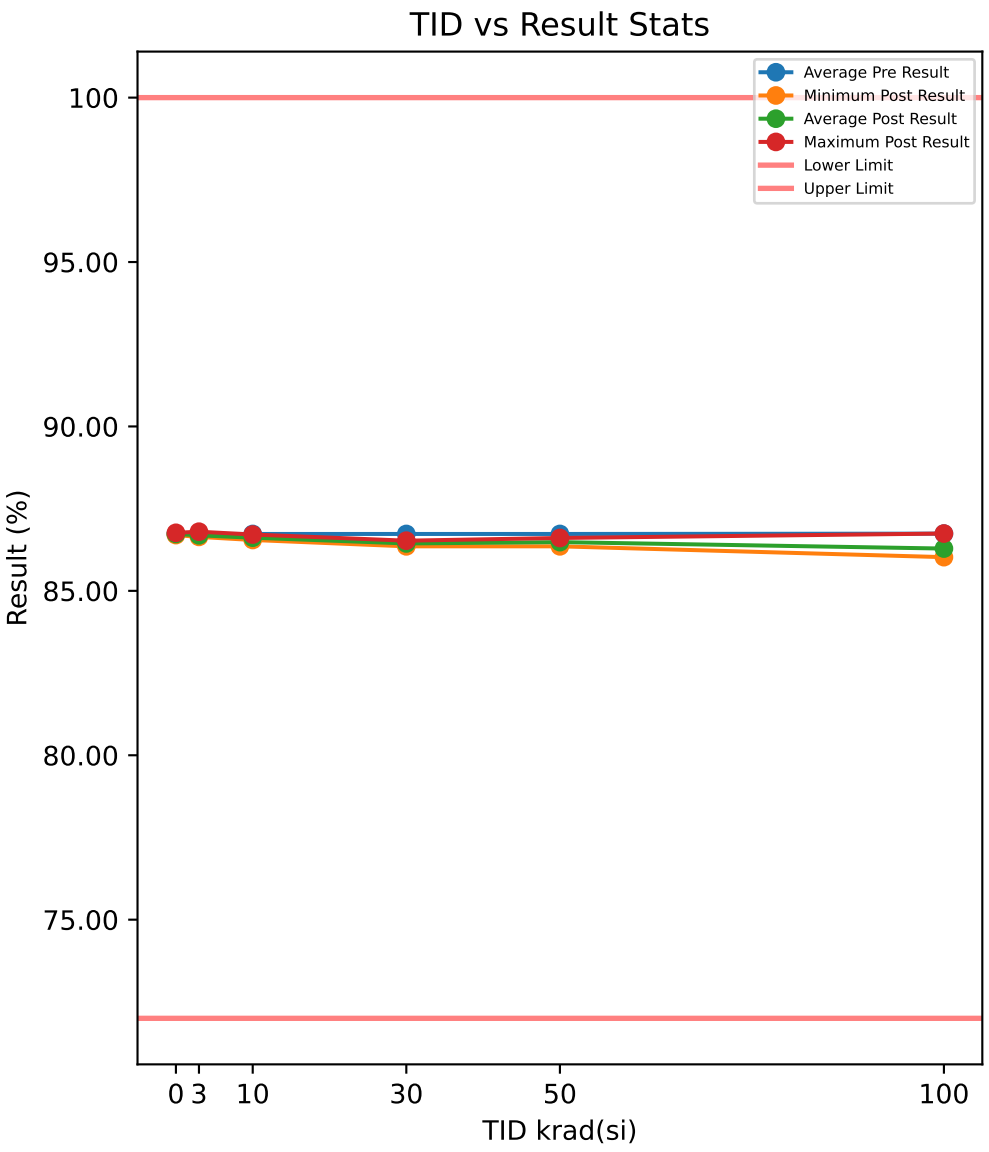
Test Results (Lower Limit = 0.0, Upper Limit = 9.0 (%))

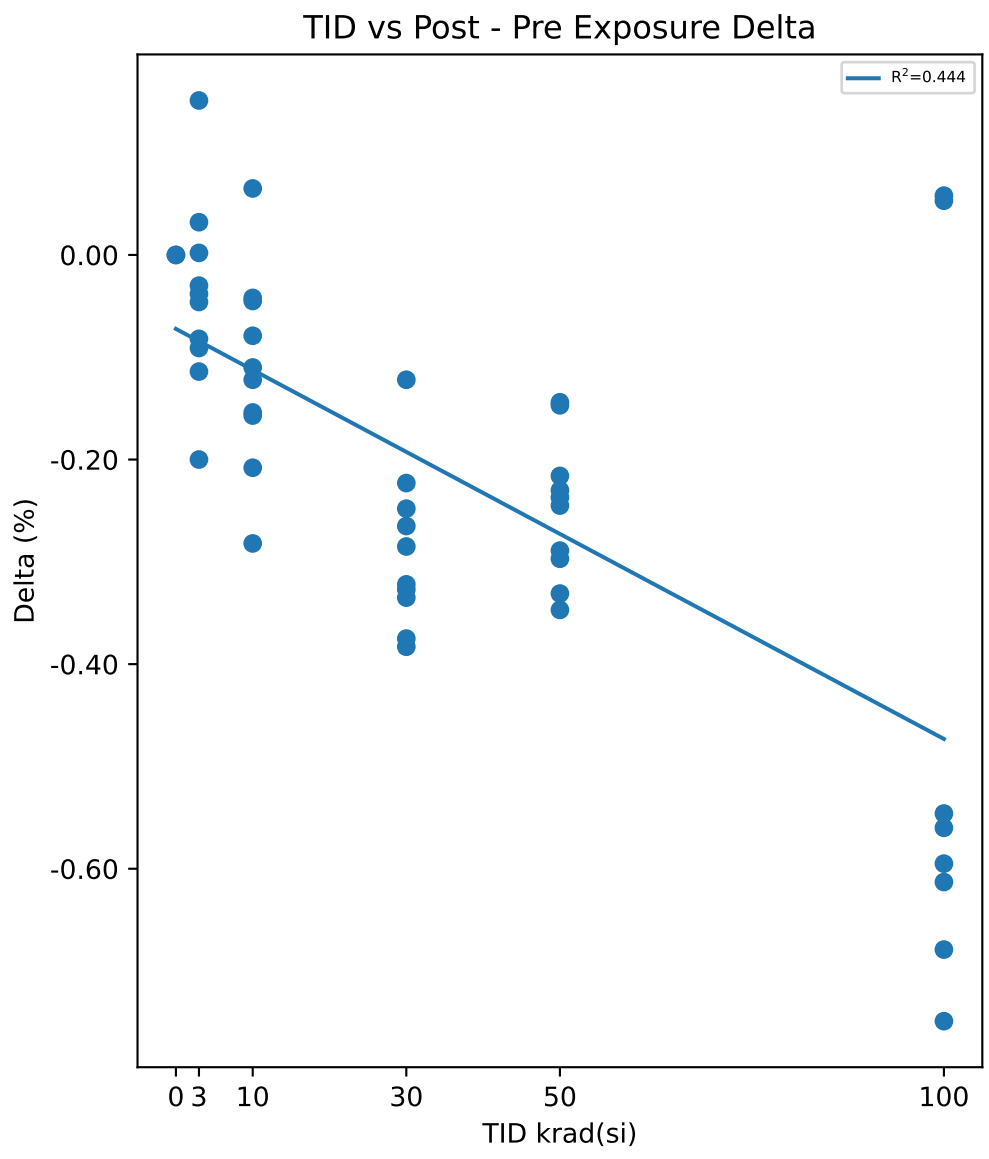
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.416	0.416	0
7	0	Correlation	0.415	0.415	0
16	3	LDR-Biased	0.417	0.409	-0.008
18	3	LDR-Biased	0.415	0.409	-0.006
19	3	LDR-Biased	0.417	0.418	0.001
20	3	LDR-Biased	0.414	0.411	-0.003
21	3	LDR-Biased	0.419	0.419	0
22	3	LDR-Unbiased	0.416	0.415	-0.001
23	3	LDR-Unbiased	0.415	0.416	0.001
25	3	LDR-Unbiased	0.416	0.412	-0.004
26	3	LDR-Unbiased	0.42	0.416	-0.004
27	3	LDR-Unbiased	0.417	0.419	0.002
46	10	LDR-Biased	0.417	0.406	-0.011
48	10	LDR-Biased	0.415	0.405	-0.01
49	10	LDR-Biased	0.417	0.414	-0.003
50	10	LDR-Biased	0.414	0.408	-0.006
51	10	LDR-Biased	0.419	0.416	-0.003
52	10	LDR-Unbiased	0.416	0.418	0.002
53	10	LDR-Unbiased	0.415	0.418	0.003
55	10	LDR-Unbiased	0.416	0.413	-0.003
56	10	LDR-Unbiased	0.42	0.417	-0.003
57	10	LDR-Unbiased	0.417	0.42	0.003
76	30	LDR-Biased	0.417	0.405	-0.012
78	30	LDR-Biased	0.415	0.392	-0.023
79	30	LDR-Biased	0.417	0.413	-0.004
80	30	LDR-Biased	0.414	0.407	-0.007
81	30	LDR-Biased	0.419	0.413	-0.006
82	30	LDR-Unbiased	0.416	0.412	-0.004
83	30	LDR-Unbiased	0.415	0.412	-0.003
84	30	LDR-Unbiased	0.417	0.414	-0.003
85	30	LDR-Unbiased	0.416	0.407	-0.009
86	30	LDR-Unbiased	0.42	0.411	-0.009
87	100	LDR-Biased	0.419	0.406	-0.013
88	100	LDR-Biased	0.42	0.414	-0.006
90	100	LDR-Biased	0.416	0.415	-0.001
91	100	LDR-Unbiased	0.415	0.402	-0.013
93	100	LDR-Unbiased	0.42	0.405	-0.015
94	100	LDR-Unbiased	0.418	0.41	-0.008
95	100	LDR-Unbiased	0.417	0.406	-0.011
96	100	LDR-Unbiased	0.418	0.405	-0.013
106	50	LDR-Biased	0.417	0.398	-0.019
108	50	LDR-Biased	0.415	0.4	-0.015
109	50	LDR-Biased	0.417	0.41	-0.007
110	50	LDR-Biased	0.414	0.394	-0.02
111	50	LDR-Biased	0.419	0.412	-0.007
112	50	LDR-Unbiased	0.416	0.411	-0.005
113	50	LDR-Unbiased	0.415	0.41	-0.005
115	50	LDR-Unbiased	0.416	0.406	-0.01
116	50	LDR-Unbiased	0.42	0.411	-0.009
117	50	LDR-Unbiased	0.417	0.413	-0.004

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.415	0.4155	0.416	0.00070711	0.415	0.4155	0.416	0.00070711	0	0	0	0
3	0.414	0.4166	0.42	0.0018379	0.409	0.4144	0.419	0.003893	-0.008	-0.0022	0.002	0.0033267
10	0.414	0.4166	0.42	0.0018379	0.405	0.4135	0.42	0.00538	-0.011	-0.0031	0.003	0.0049318
30	0.414	0.4166	0.42	0.0018379	0.392	0.4086	0.414	0.0065862	-0.023	-0.008	-0.003	0.0060553
50	0.414	0.4166	0.42	0.0018379	0.394	0.4065	0.413	0.0067371	-0.02	-0.0101	-0.004	0.0058775
100	0.415	0.41787	0.42	0.0018077	0.402	0.40787	0.415	0.0046426	-0.015	-0.01	-0.001	0.0046904

Device Test: 6.76 VOH_10mA_EN1/EN1/1.6/3/0/0/10/@VOH_EN_10MA





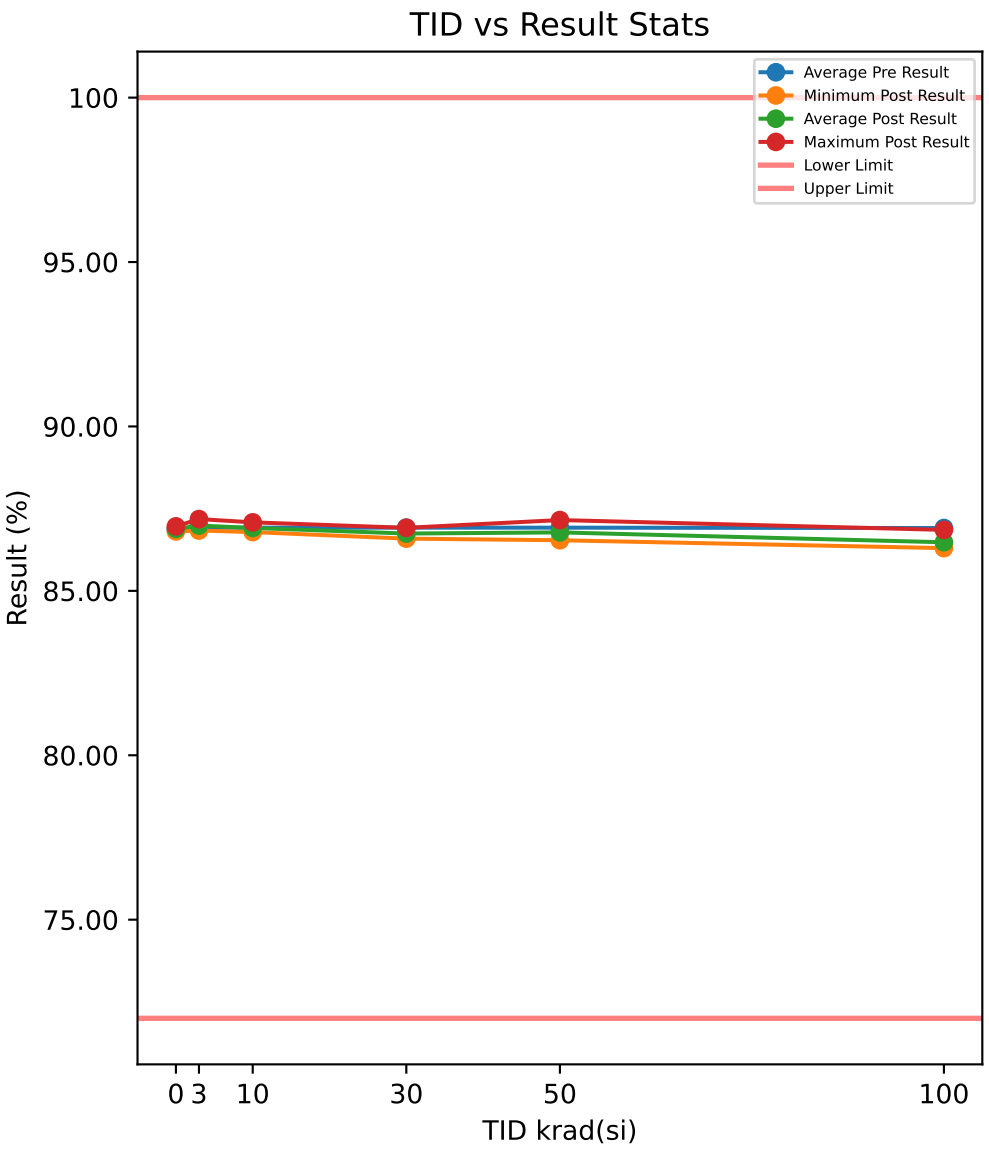
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

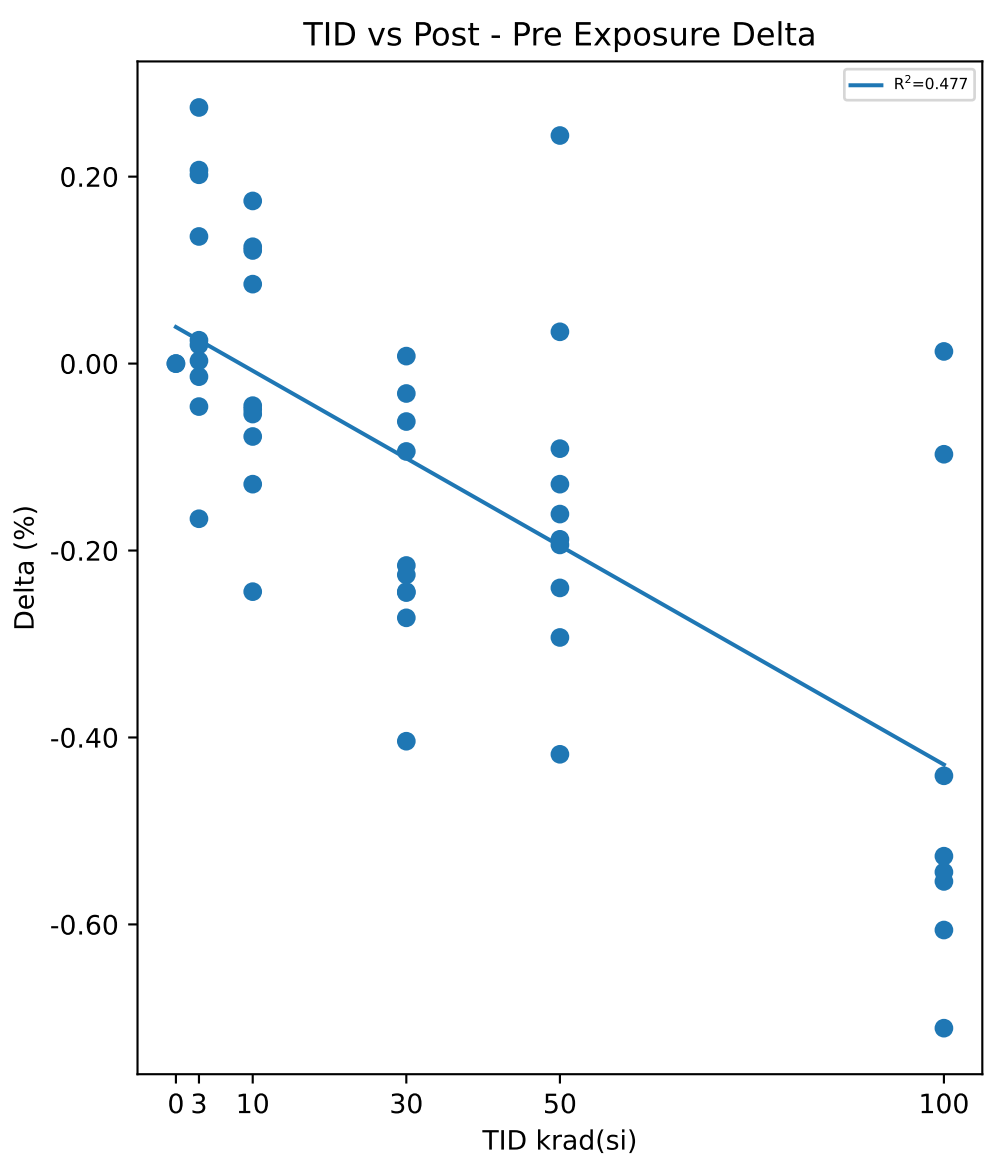
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.696	86.696	0
7	0	Correlation	86.765	86.765	0
16	3	LDR-Biased	86.755	86.641	-0.114
18	3	LDR-Biased	86.689	86.651	-0.038
19	3	LDR-Biased	86.773	86.682	-0.091
20	3	LDR-Biased	86.71	86.664	-0.046
21	3	LDR-Biased	86.879	86.679	-0.2
22	3	LDR-Unbiased	86.648	86.799	0.151
23	3	LDR-Unbiased	86.781	86.699	-0.082
25	3	LDR-Unbiased	86.71	86.742	0.032
26	3	LDR-Unbiased	86.643	86.645	0.002
27	3	LDR-Unbiased	86.715	86.685	-0.03
46	10	LDR-Biased	86.755	86.547	-0.208
48	10	LDR-Biased	86.689	86.579	-0.11
49	10	LDR-Biased	86.773	86.619	-0.154
50	10	LDR-Biased	86.71	86.588	-0.122
51	10	LDR-Biased	86.879	86.597	-0.282
52	10	LDR-Unbiased	86.648	86.713	0.065
53	10	LDR-Unbiased	86.781	86.624	-0.157
55	10	LDR-Unbiased	86.71	86.668	-0.042
56	10	LDR-Unbiased	86.643	86.598	-0.045
57	10	LDR-Unbiased	86.715	86.636	-0.079
76	30	LDR-Biased	86.755	86.372	-0.383
78	30	LDR-Biased	86.689	86.354	-0.335
79	30	LDR-Biased	86.773	86.446	-0.327
80	30	LDR-Biased	86.71	86.425	-0.285
81	30	LDR-Biased	86.879	86.504	-0.375
82	30	LDR-Unbiased	86.648	86.526	-0.122
83	30	LDR-Unbiased	86.781	86.459	-0.322
84	30	LDR-Unbiased	86.715	86.45	-0.265
85	30	LDR-Unbiased	86.71	86.487	-0.223
86	30	LDR-Unbiased	86.643	86.395	-0.248
87	100	LDR-Biased	86.805	86.21	-0.595
88	100	LDR-Biased	86.685	86.743	0.058
90	100	LDR-Biased	86.667	86.72	0.053
91	100	LDR-Unbiased	86.685	86.125	-0.56
93	100	LDR-Unbiased	86.874	86.125	-0.749
94	100	LDR-Unbiased	86.747	86.134	-0.613
95	100	LDR-Unbiased	86.754	86.208	-0.546
96	100	LDR-Unbiased	86.704	86.025	-0.679
106	50	LDR-Biased	86.755	86.608	-0.147
108	50	LDR-Biased	86.689	86.444	-0.245
109	50	LDR-Biased	86.773	86.536	-0.237
110	50	LDR-Biased	86.71	86.494	-0.216
111	50	LDR-Biased	86.879	86.532	-0.347
112	50	LDR-Unbiased	86.648	86.504	-0.144
113	50	LDR-Unbiased	86.781	86.45	-0.331
115	50	LDR-Unbiased	86.71	86.48	-0.23
116	50	LDR-Unbiased	86.643	86.354	-0.289
117	50	LDR-Unbiased	86.715	86.418	-0.297

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.696	86.731	86.765	0.04879	86.696	86.731	86.765	0.04879	0	0	0	0
3	86.643	86.73	86.879	0.070138	86.641	86.689	86.799	0.048856	-0.2	-0.0416	0.151	0.093681
10	86.643	86.73	86.879	0.070138	86.547	86.617	86.713	0.047348	-0.282	-0.1134	0.065	0.096492
30	86.643	86.73	86.879	0.070138	86.354	86.442	86.526	0.05621	-0.383	-0.2885	-0.122	0.078455
50	86.643	86.73	86.879	0.070138	86.354	86.482	86.608	0.07061	-0.347	-0.2483	-0.144	0.069335
100	86.667	86.74	86.874	0.070813	86.025	86.286	86.743	0.28085	-0.749	-0.45388	0.058	0.32109

Device Test: 6.77 VOH_10mA_EN2/EN2/1.6/3/0/0/10/@VOH_EN_10MA





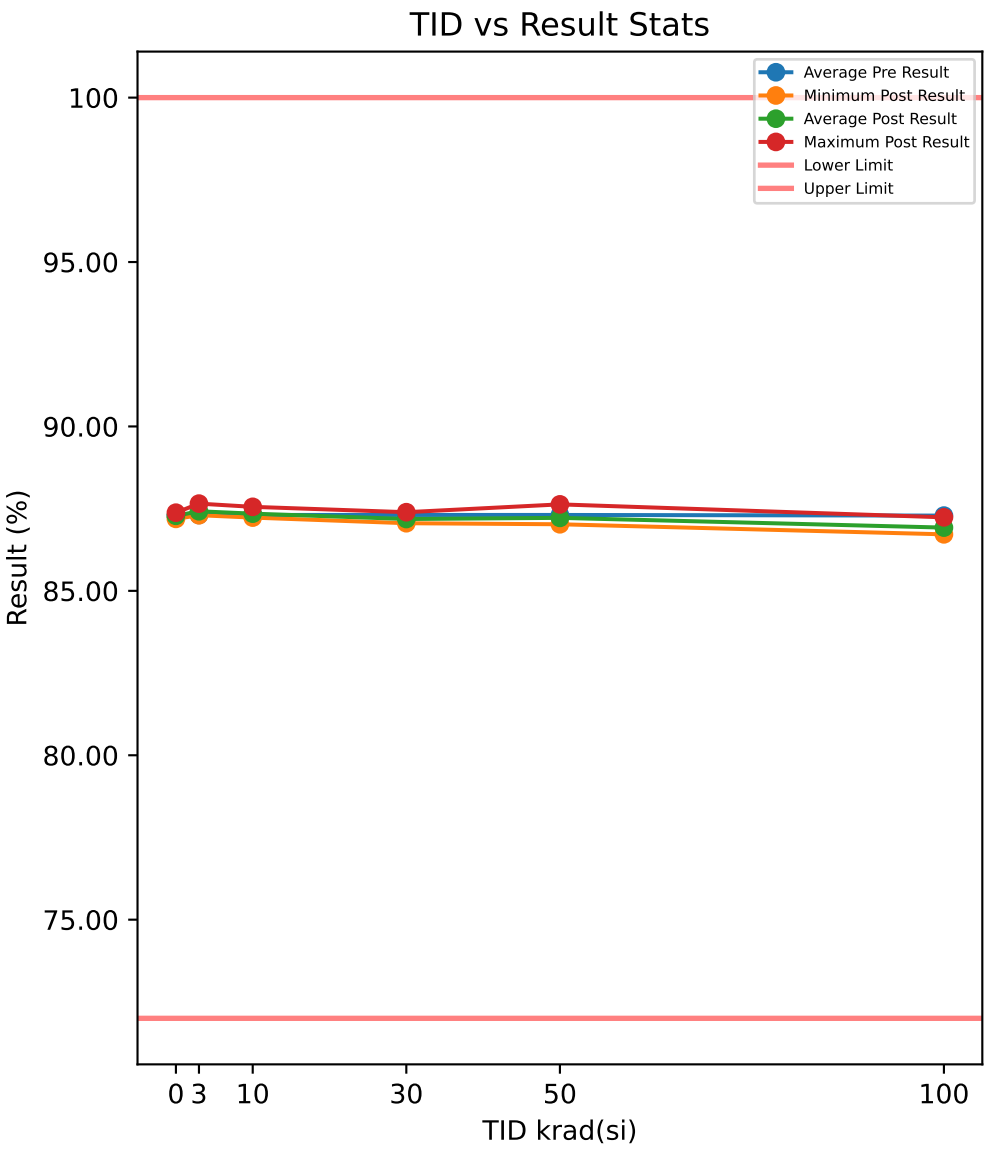
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

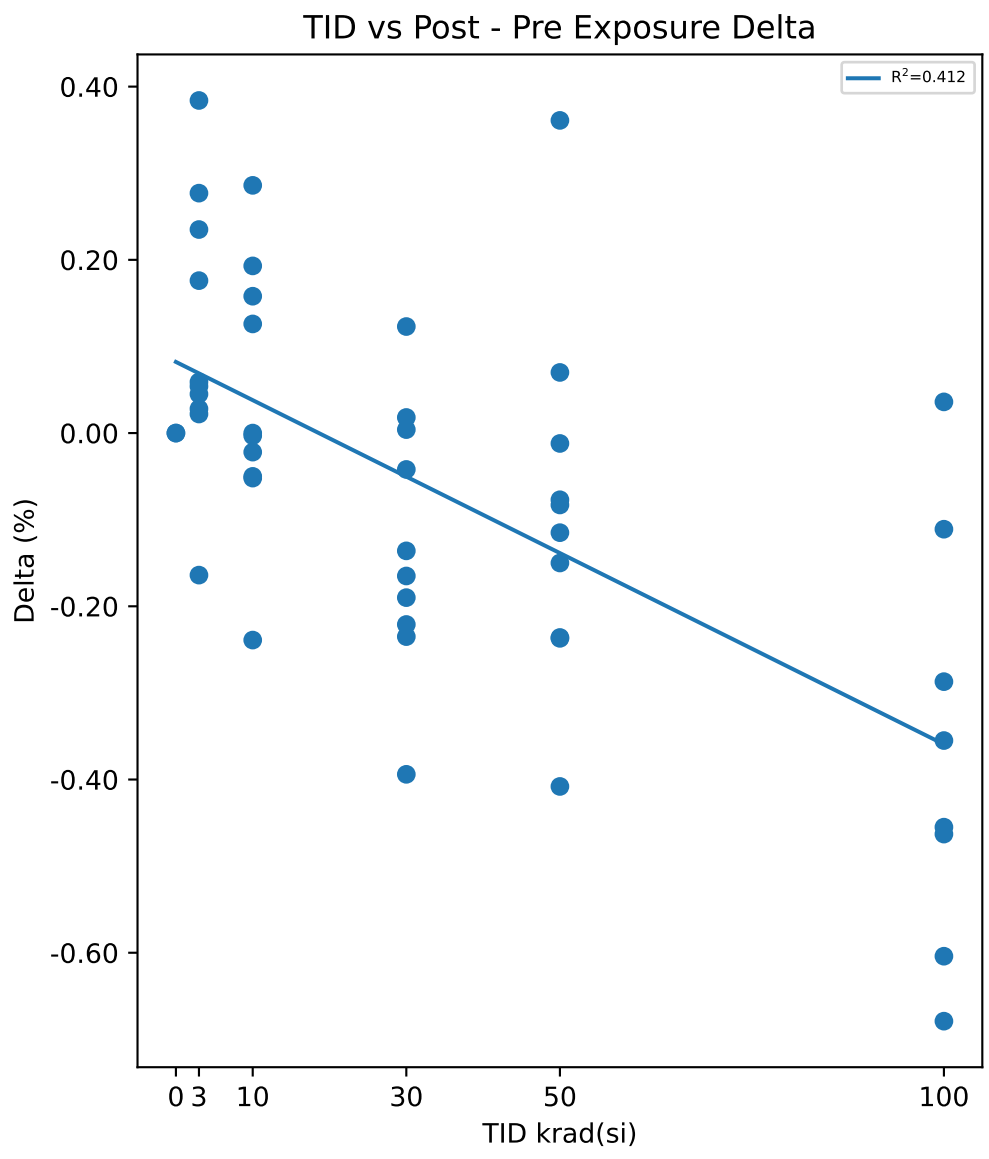
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.808	86.808	0
7	0	Correlation	86.961	86.961	0
16	3	LDR-Biased	86.909	87.183	0.274
18	3	LDR-Biased	86.952	86.972	0.02
19	3	LDR-Biased	86.951	86.937	-0.014
20	3	LDR-Biased	86.892	87.094	0.202
21	3	LDR-Biased	87.028	86.982	-0.046
22	3	LDR-Unbiased	86.79	86.997	0.207
23	3	LDR-Unbiased	87.089	86.923	-0.166
25	3	LDR-Unbiased	86.902	86.927	0.025
26	3	LDR-Unbiased	86.832	86.835	0.003
27	3	LDR-Unbiased	86.871	87.007	0.136
46	10	LDR-Biased	86.909	87.083	0.174
48	10	LDR-Biased	86.952	86.898	-0.054
49	10	LDR-Biased	86.951	86.873	-0.078
50	10	LDR-Biased	86.892	87.017	0.125
51	10	LDR-Biased	87.028	86.899	-0.129
52	10	LDR-Unbiased	86.79	86.911	0.121
53	10	LDR-Unbiased	87.089	86.845	-0.244
55	10	LDR-Unbiased	86.902	86.853	-0.049
56	10	LDR-Unbiased	86.832	86.787	-0.045
57	10	LDR-Unbiased	86.871	86.956	0.085
76	30	LDR-Biased	86.909	86.917	0.008
78	30	LDR-Biased	86.952	86.68	-0.272
79	30	LDR-Biased	86.951	86.706	-0.245
80	30	LDR-Biased	86.892	86.86	-0.032
81	30	LDR-Biased	87.028	86.812	-0.216
82	30	LDR-Unbiased	86.79	86.728	-0.062
83	30	LDR-Unbiased	87.089	86.685	-0.404
84	30	LDR-Unbiased	86.871	86.777	-0.094
85	30	LDR-Unbiased	86.902	86.676	-0.226
86	30	LDR-Unbiased	86.832	86.588	-0.244
87	100	LDR-Biased	86.961	86.355	-0.606
88	100	LDR-Biased	86.841	86.854	0.013
90	100	LDR-Biased	86.93	86.833	-0.097
91	100	LDR-Unbiased	86.827	86.3	-0.527
93	100	LDR-Unbiased	87.023	86.312	-0.711
94	100	LDR-Unbiased	86.902	86.461	-0.441
95	100	LDR-Unbiased	86.944	86.39	-0.554
96	100	LDR-Unbiased	86.859	86.315	-0.544
106	50	LDR-Biased	86.909	87.153	0.244
108	50	LDR-Biased	86.952	86.764	-0.188
109	50	LDR-Biased	86.951	86.79	-0.161
110	50	LDR-Biased	86.892	86.926	0.034
111	50	LDR-Biased	87.028	86.834	-0.194
112	50	LDR-Unbiased	86.79	86.699	-0.091
113	50	LDR-Unbiased	87.089	86.671	-0.418
115	50	LDR-Unbiased	86.902	86.662	-0.24
116	50	LDR-Unbiased	86.832	86.539	-0.293
117	50	LDR-Unbiased	86.871	86.742	-0.129

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.808	86.885	86.961	0.10819	86.808	86.885	86.961	0.10819	0	0	0	0
3	86.79	86.922	87.089	0.08848	86.835	86.986	87.183	0.096551	-0.166	0.0641	0.274	0.13623
10	86.79	86.922	87.089	0.08848	86.787	86.912	87.083	0.08672	-0.244	-0.0094	0.174	0.13186
30	86.79	86.922	87.089	0.08848	86.588	86.743	86.917	0.098501	-0.404	-0.1787	0.008	0.12864
50	86.79	86.922	87.089	0.08848	86.539	86.778	87.153	0.16851	-0.418	-0.1436	0.244	0.1815
100	86.827	86.911	87.023	0.066799	86.3	86.477	86.854	0.23188	-0.711	-0.43337	0.013	0.25492

Device Test: 6.78 VOH_10mA_EN3/EN3/1.6/3/0/0/10/@VOH_EN_10MA





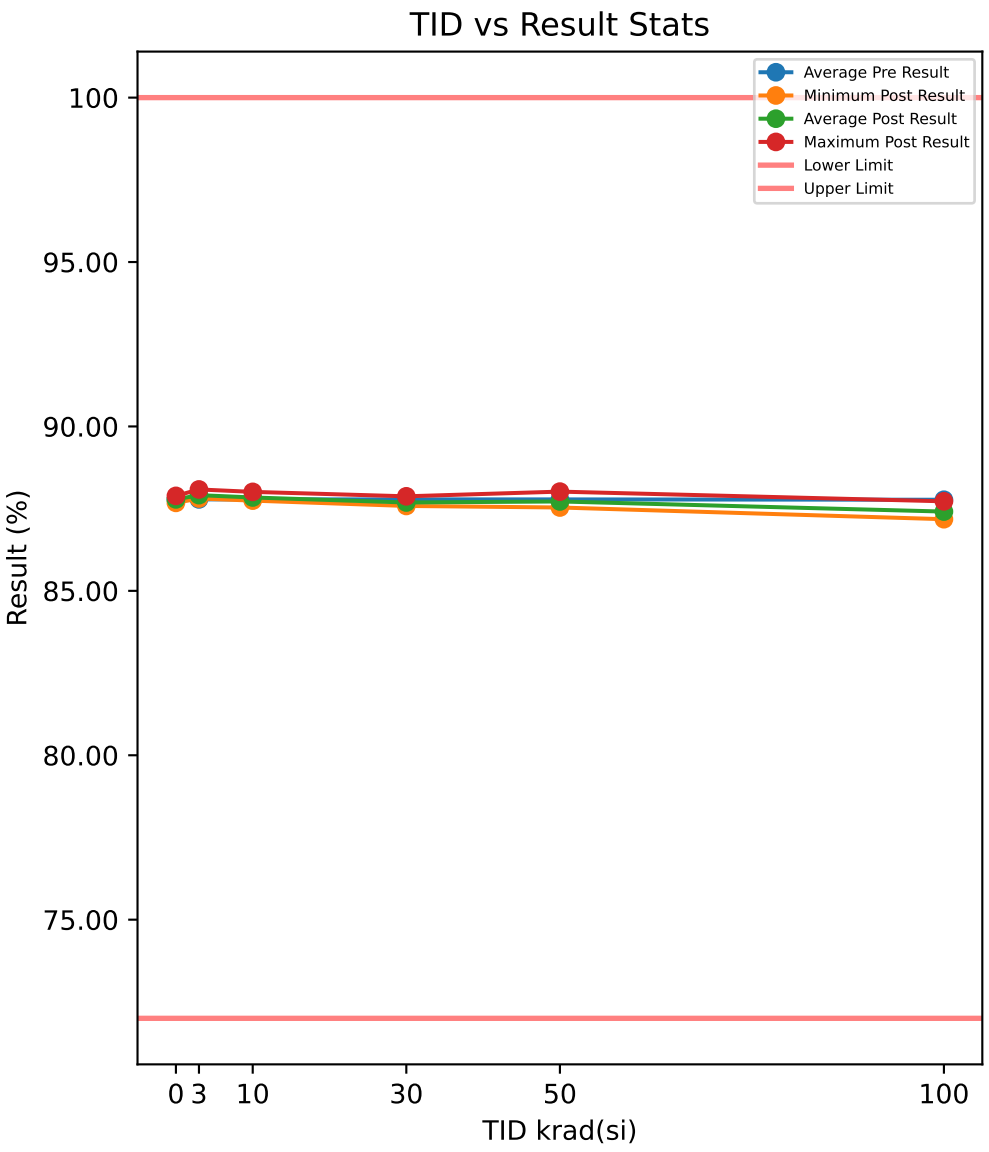
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

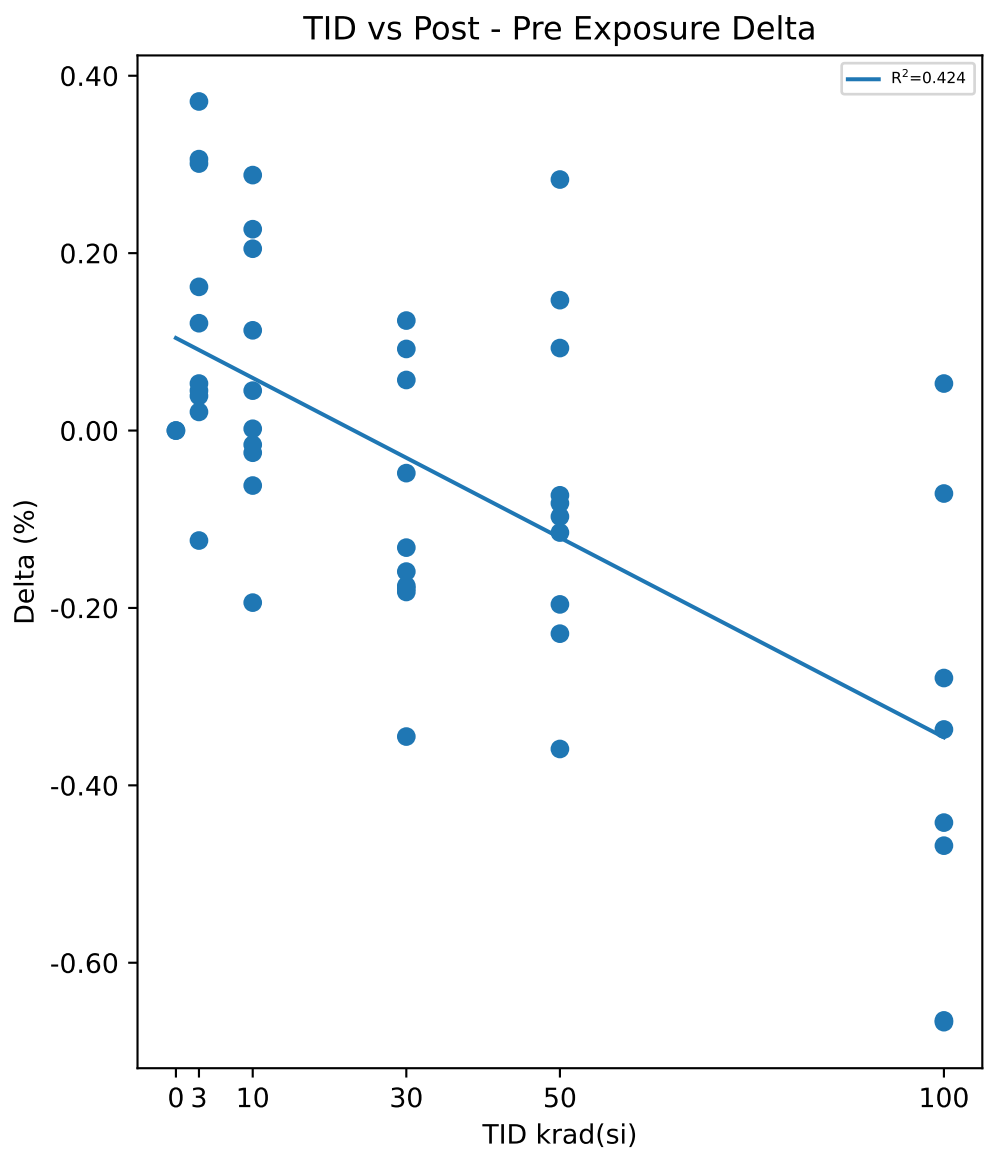
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	87.189	87.189	0
7	0	Correlation	87.377	87.377	0
16	3	LDR-Biased	87.269	87.653	0.384
18	3	LDR-Biased	87.347	87.401	0.054
19	3	LDR-Biased	87.335	87.394	0.059
20	3	LDR-Biased	87.33	87.565	0.235
21	3	LDR-Biased	87.368	87.396	0.028
22	3	LDR-Unbiased	87.138	87.415	0.277
23	3	LDR-Unbiased	87.505	87.341	-0.164
25	3	LDR-Unbiased	87.278	87.3	0.022
26	3	LDR-Unbiased	87.261	87.306	0.045
27	3	LDR-Unbiased	87.254	87.43	0.176
46	10	LDR-Biased	87.269	87.555	0.286
48	10	LDR-Biased	87.347	87.325	-0.022
49	10	LDR-Biased	87.335	87.332	-0.003
50	10	LDR-Biased	87.33	87.488	0.158
51	10	LDR-Biased	87.368	87.316	-0.052
52	10	LDR-Unbiased	87.138	87.331	0.193
53	10	LDR-Unbiased	87.505	87.266	-0.239
55	10	LDR-Unbiased	87.278	87.228	-0.05
56	10	LDR-Unbiased	87.261	87.261	0
57	10	LDR-Unbiased	87.254	87.38	0.126
76	30	LDR-Biased	87.269	87.392	0.123
78	30	LDR-Biased	87.347	87.112	-0.235
79	30	LDR-Biased	87.335	87.17	-0.165
80	30	LDR-Biased	87.33	87.334	0.004
81	30	LDR-Biased	87.368	87.232	-0.136
82	30	LDR-Unbiased	87.138	87.156	0.018
83	30	LDR-Unbiased	87.505	87.111	-0.394
84	30	LDR-Unbiased	87.254	87.212	-0.042
85	30	LDR-Unbiased	87.278	87.057	-0.221
86	30	LDR-Unbiased	87.261	87.071	-0.19
87	100	LDR-Biased	87.402	86.723	-0.679
88	100	LDR-Biased	87.2	87.236	0.036
90	100	LDR-Biased	87.325	87.214	-0.111
91	100	LDR-Unbiased	87.174	86.719	-0.455
93	100	LDR-Unbiased	87.363	86.759	-0.604
94	100	LDR-Unbiased	87.261	86.974	-0.287
95	100	LDR-Unbiased	87.341	86.878	-0.463
96	100	LDR-Unbiased	87.243	86.888	-0.355
106	50	LDR-Biased	87.269	87.63	0.361
108	50	LDR-Biased	87.347	87.197	-0.15
109	50	LDR-Biased	87.335	87.252	-0.083
110	50	LDR-Biased	87.33	87.4	0.07
111	50	LDR-Biased	87.368	87.253	-0.115
112	50	LDR-Unbiased	87.138	87.126	-0.012
113	50	LDR-Unbiased	87.505	87.097	-0.408
115	50	LDR-Unbiased	87.278	87.041	-0.237
116	50	LDR-Unbiased	87.261	87.025	-0.236
117	50	LDR-Unbiased	87.254	87.177	-0.077

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	87.189	87.283	87.377	0.13294	87.189	87.283	87.377	0.13294	0	0	0	0
3	87.138	87.309	87.505	0.095211	87.3	87.42	87.653	0.1109	-0.164	0.1116	0.384	0.15721
10	87.138	87.309	87.505	0.095211	87.228	87.348	87.555	0.10234	-0.239	0.0397	0.286	0.15164
30	87.138	87.309	87.505	0.095211	87.057	87.185	87.392	0.11017	-0.394	-0.1238	0.123	0.15096
50	87.138	87.309	87.505	0.095211	87.025	87.22	87.63	0.18228	-0.408	-0.0887	0.361	0.20644
100	87.174	87.289	87.402	0.081319	86.719	86.924	87.236	0.20598	-0.679	-0.36475	0.036	0.24051

Device Test: 6.79 VOH_10mA_EN4/EN4/1.6/3/0/0/10/@VOH_EN_10MA





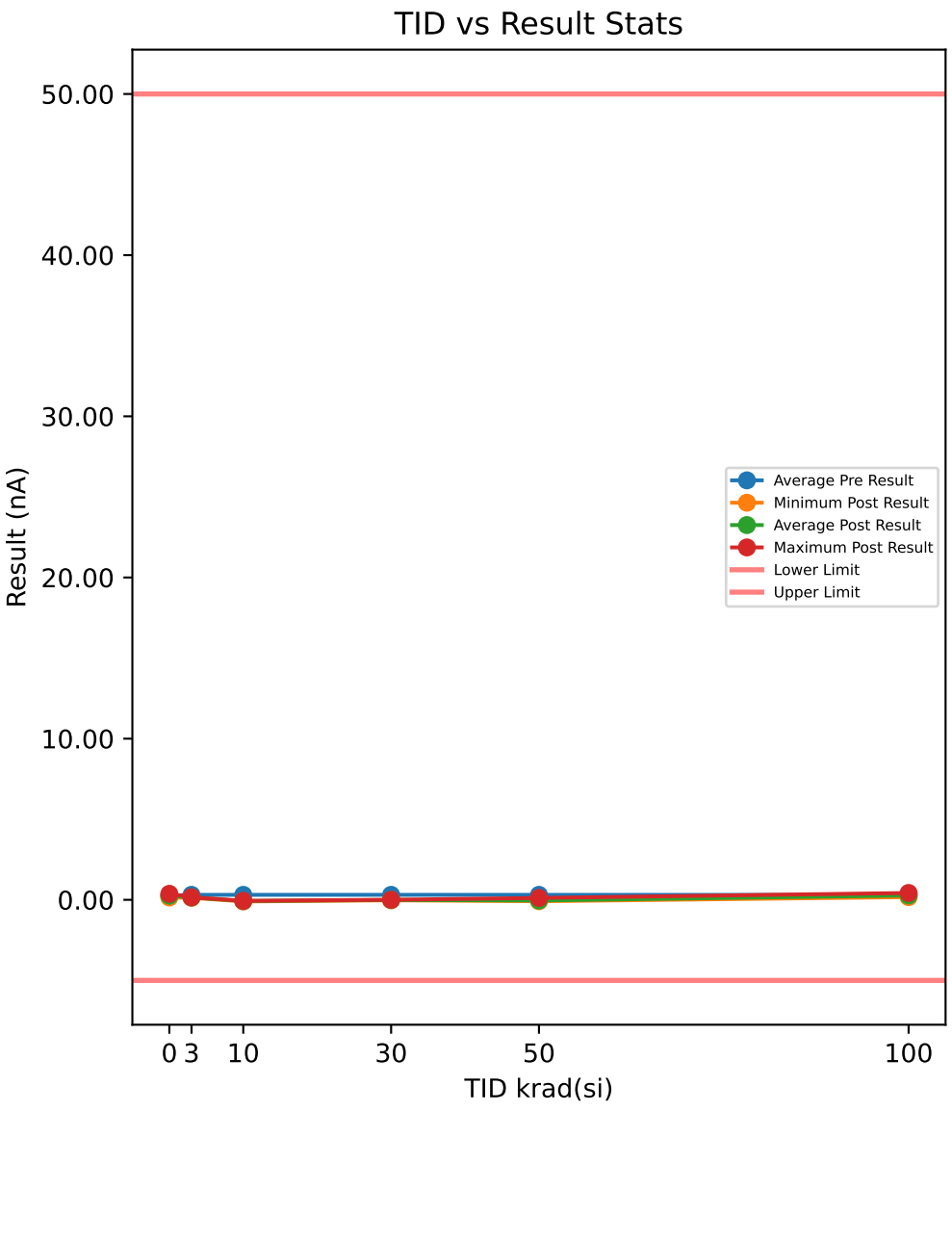
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

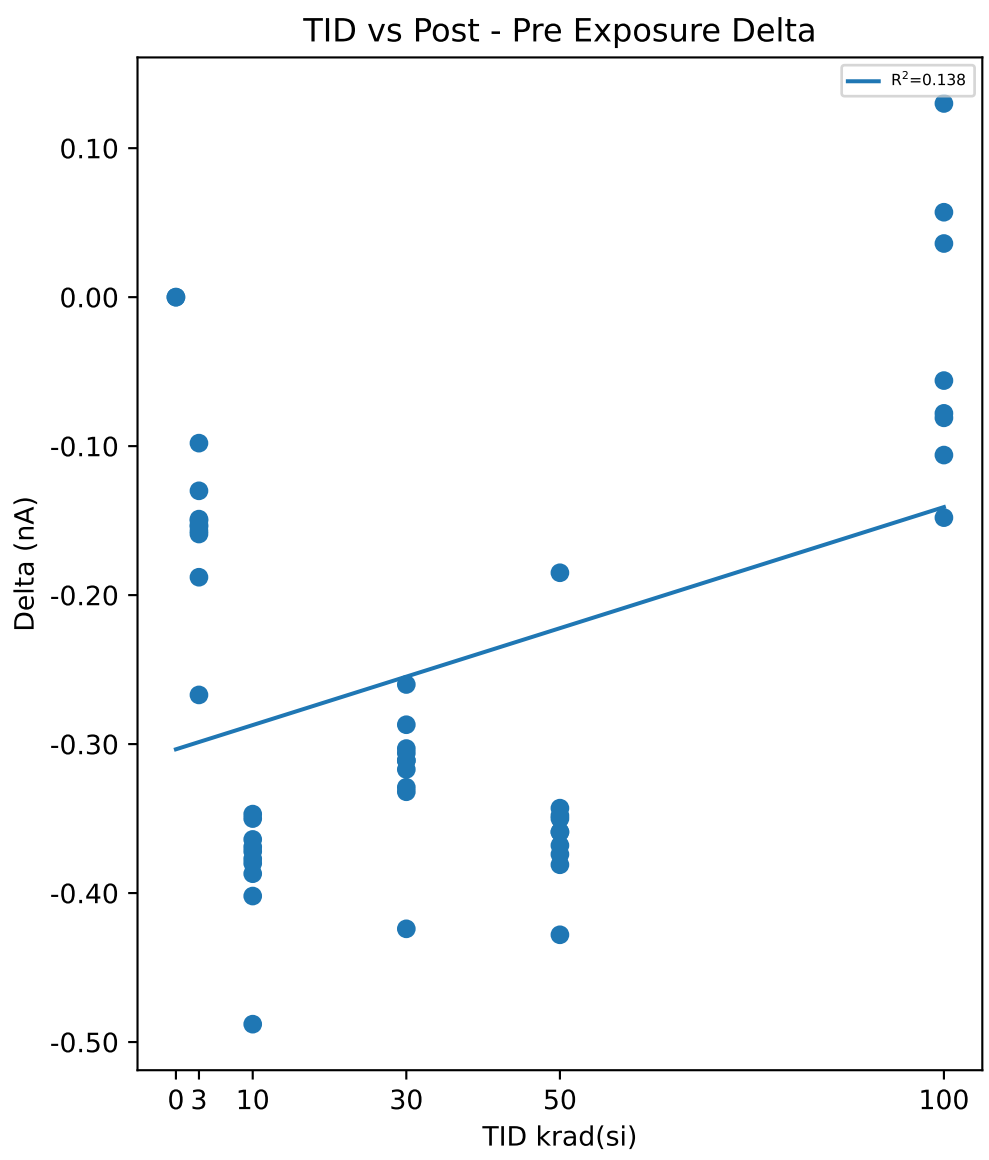
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	87.676	87.676	0
7	0	Correlation	87.888	87.888	0
16	3	LDR-Biased	87.735	88.041	0.306
18	3	LDR-Biased	87.795	87.916	0.121
19	3	LDR-Biased	87.814	87.853	0.039
20	3	LDR-Biased	87.783	88.084	0.301
21	3	LDR-Biased	87.882	87.903	0.021
22	3	LDR-Unbiased	87.586	87.957	0.371
23	3	LDR-Unbiased	87.938	87.814	-0.124
25	3	LDR-Unbiased	87.76	87.813	0.053
26	3	LDR-Unbiased	87.764	87.809	0.045
27	3	LDR-Unbiased	87.758	87.92	0.162
46	10	LDR-Biased	87.735	87.94	0.205
48	10	LDR-Biased	87.795	87.84	0.045
49	10	LDR-Biased	87.814	87.789	-0.025
50	10	LDR-Biased	87.783	88.01	0.227
51	10	LDR-Biased	87.882	87.82	-0.062
52	10	LDR-Unbiased	87.586	87.874	0.288
53	10	LDR-Unbiased	87.938	87.744	-0.194
55	10	LDR-Unbiased	87.76	87.744	-0.016
56	10	LDR-Unbiased	87.764	87.766	0.002
57	10	LDR-Unbiased	87.758	87.871	0.113
76	30	LDR-Biased	87.735	87.792	0.057
78	30	LDR-Biased	87.795	87.636	-0.159
79	30	LDR-Biased	87.814	87.639	-0.175
80	30	LDR-Biased	87.783	87.875	0.092
81	30	LDR-Biased	87.882	87.75	-0.132
82	30	LDR-Unbiased	87.586	87.71	0.124
83	30	LDR-Unbiased	87.938	87.593	-0.345
84	30	LDR-Unbiased	87.758	87.71	-0.048
85	30	LDR-Unbiased	87.76	87.582	-0.178
86	30	LDR-Unbiased	87.764	87.582	-0.182
87	100	LDR-Biased	87.871	87.206	-0.665
88	100	LDR-Biased	87.67	87.723	0.053
90	100	LDR-Biased	87.774	87.703	-0.071
91	100	LDR-Unbiased	87.621	87.179	-0.442
93	100	LDR-Unbiased	87.879	87.212	-0.667
94	100	LDR-Unbiased	87.729	87.45	-0.279
95	100	LDR-Unbiased	87.872	87.404	-0.468
96	100	LDR-Unbiased	87.749	87.412	-0.337
106	50	LDR-Biased	87.735	88.018	0.283
108	50	LDR-Biased	87.795	87.722	-0.073
109	50	LDR-Biased	87.814	87.717	-0.097
110	50	LDR-Biased	87.783	87.93	0.147
111	50	LDR-Biased	87.882	87.767	-0.115
112	50	LDR-Unbiased	87.586	87.679	0.093
113	50	LDR-Unbiased	87.938	87.579	-0.359
115	50	LDR-Unbiased	87.76	87.564	-0.196
116	50	LDR-Unbiased	87.764	87.535	-0.229
117	50	LDR-Unbiased	87.758	87.676	-0.082

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	87.676	87.782	87.888	0.14991	87.676	87.782	87.888	0.14991	0	0	0	0
3	87.586	87.782	87.938	0.092818	87.809	87.911	88.084	0.095392	-0.124	0.1295	0.371	0.15536
10	87.586	87.782	87.938	0.092818	87.744	87.84	88.01	0.086875	-0.194	0.0583	0.288	0.14895
30	87.586	87.782	87.938	0.092818	87.582	87.687	87.875	0.098425	-0.345	-0.0946	0.124	0.14797
50	87.586	87.782	87.938	0.092818	87.535	87.719	88.018	0.15534	-0.359	-0.0628	0.283	0.19013
100	87.621	87.771	87.879	0.097704	87.179	87.411	87.723	0.21368	-0.667	-0.3595	0.053	0.25825

Device Test: 6.8 ILKG_DOWNb/DOWNb//3/0/0/0/@ILKG_UP_DOWN





Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

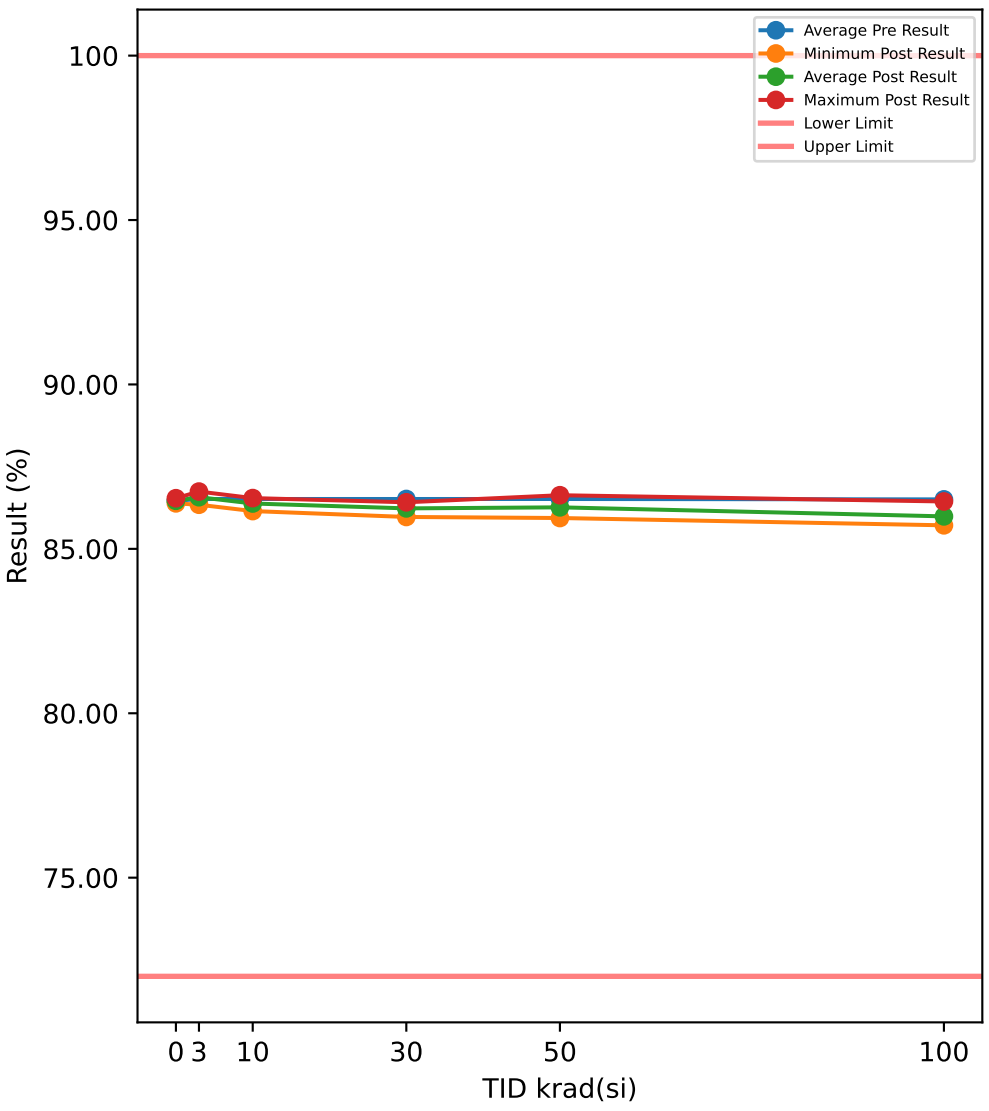
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	0.371	0.371	0
7	0	Correlation	0.147	0.147	0
16	3	LDR-Biased	0.415	0.148	-0.267
18	3	LDR-Biased	0.313	0.159	-0.154
19	3	LDR-Biased	0.304	0.147	-0.157
20	3	LDR-Biased	0.313	0.125	-0.188
21	3	LDR-Biased	0.302	0.153	-0.149
22	3	LDR-Unbiased	0.3	0.141	-0.159
23	3	LDR-Unbiased	0.289	0.139	-0.15
25	3	LDR-Unbiased	0.256	0.158	-0.098
26	3	LDR-Unbiased	0.29	0.16	-0.13
27	3	LDR-Unbiased	0.301	0.148	-0.153
46	10	LDR-Biased	0.415	-0.073	-0.488
48	10	LDR-Biased	0.313	-0.074	-0.387
49	10	LDR-Biased	0.304	-0.073	-0.377
50	10	LDR-Biased	0.313	-0.067	-0.38
51	10	LDR-Biased	0.302	-0.067	-0.369
52	10	LDR-Unbiased	0.3	-0.102	-0.402
53	10	LDR-Unbiased	0.289	-0.061	-0.35
55	10	LDR-Unbiased	0.256	-0.091	-0.347
56	10	LDR-Unbiased	0.29	-0.082	-0.372
57	10	LDR-Unbiased	0.301	-0.063	-0.364
76	30	LDR-Biased	0.415	-0.009	-0.424
78	30	LDR-Biased	0.313	-0.019	-0.332
79	30	LDR-Biased	0.304	-0.007	-0.311
80	30	LDR-Biased	0.313	-0.004	-0.317
81	30	LDR-Biased	0.302	-0.004	-0.306
82	30	LDR-Unbiased	0.3	-0.003	-0.303
83	30	LDR-Unbiased	0.289	-0.022	-0.311
84	30	LDR-Unbiased	0.301	-0.028	-0.329
85	30	LDR-Unbiased	0.256	-0.004	-0.26
86	30	LDR-Unbiased	0.29	0.003	-0.287
87	100	LDR-Biased	0.296	0.332	0.036
88	100	LDR-Biased	0.294	0.424	0.13
90	100	LDR-Biased	0.286	0.208	-0.078
91	100	LDR-Unbiased	0.309	0.366	0.057
93	100	LDR-Unbiased	0.3	0.219	-0.081
94	100	LDR-Unbiased	0.326	0.22	-0.106
95	100	LDR-Unbiased	0.316	0.168	-0.148
96	100	LDR-Unbiased	0.287	0.231	-0.056
106	50	LDR-Biased	0.415	-0.013	-0.428
108	50	LDR-Biased	0.313	-0.037	-0.35
109	50	LDR-Biased	0.304	-0.07	-0.374
110	50	LDR-Biased	0.313	-0.068	-0.381
111	50	LDR-Biased	0.302	-0.046	-0.348
112	50	LDR-Unbiased	0.3	-0.059	-0.359
113	50	LDR-Unbiased	0.289	-0.07	-0.359
115	50	LDR-Unbiased	0.256	-0.087	-0.343
116	50	LDR-Unbiased	0.29	-0.078	-0.368
117	50	LDR-Unbiased	0.301	0.116	-0.185

Test Statistics (nA)

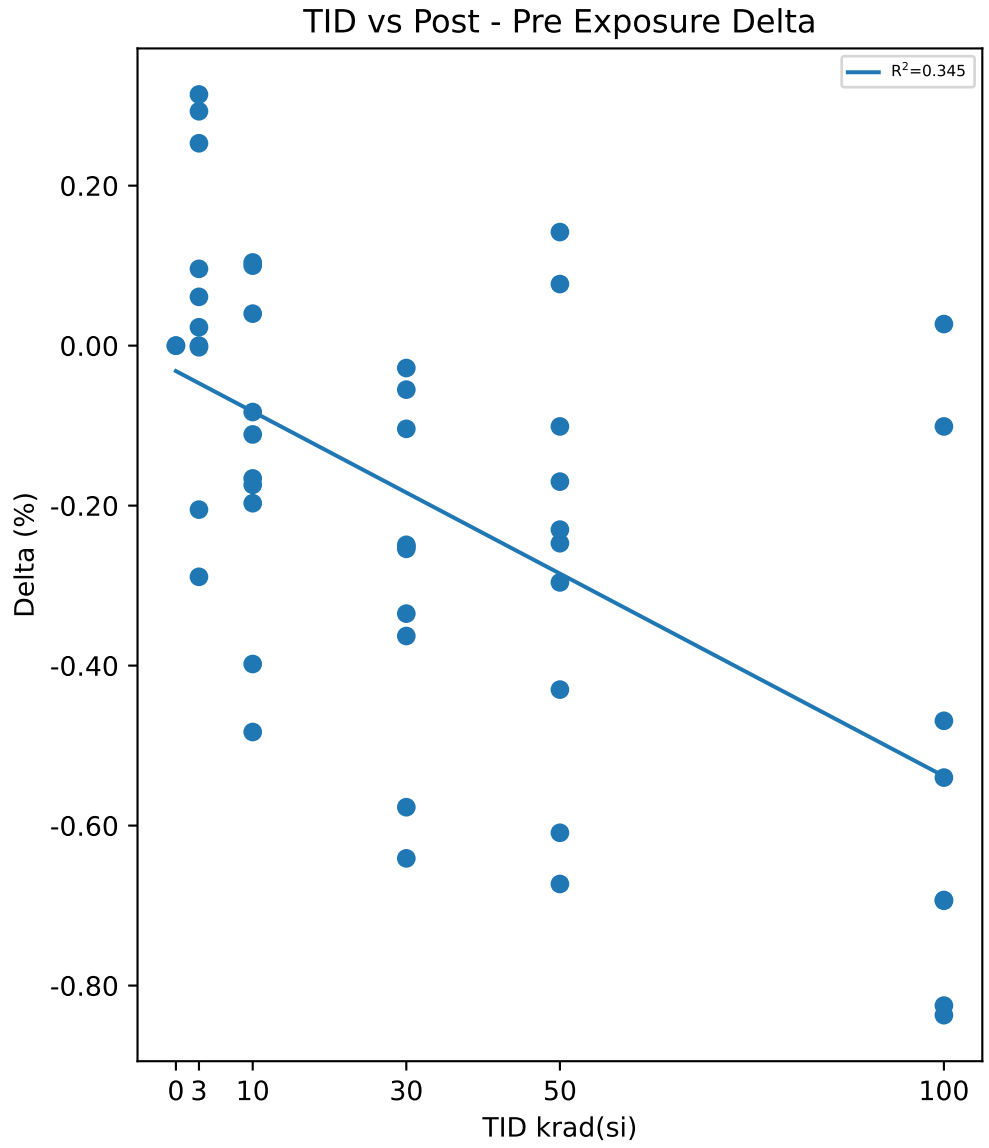
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.147	0.259	0.371	0.15839	0.147	0.259	0.371	0.15839	0	0	0	0
3	0.256	0.3083	0.415	0.040896	0.125	0.1478	0.16	0.010799	-0.267	-0.1605	-0.098	0.043831
10	0.256	0.3083	0.415	0.040896	-0.102	-0.0753	-0.061	0.012953	-0.488	-0.3836	-0.347	0.040148
30	0.256	0.3083	0.415	0.040896	-0.028	-0.0097	0.003	0.0099113	-0.424	-0.318	-0.26	0.042617
50	0.256	0.3083	0.415	0.040896	-0.087	-0.0412	0.116	0.059342	-0.428	-0.3495	-0.185	0.062701
100	0.286	0.30175	0.326	0.01417	0.168	0.271	0.424	0.090741	-0.148	-0.03075	0.13	0.094719

Device Test: 6.80 VOH_10mA_SEQ/SEQ_DONE/1.6/3/0/0/10/@VOH_SEQ_DONE_10MA

TID vs Result Stats



TID vs Post - Pre Exposure Delta



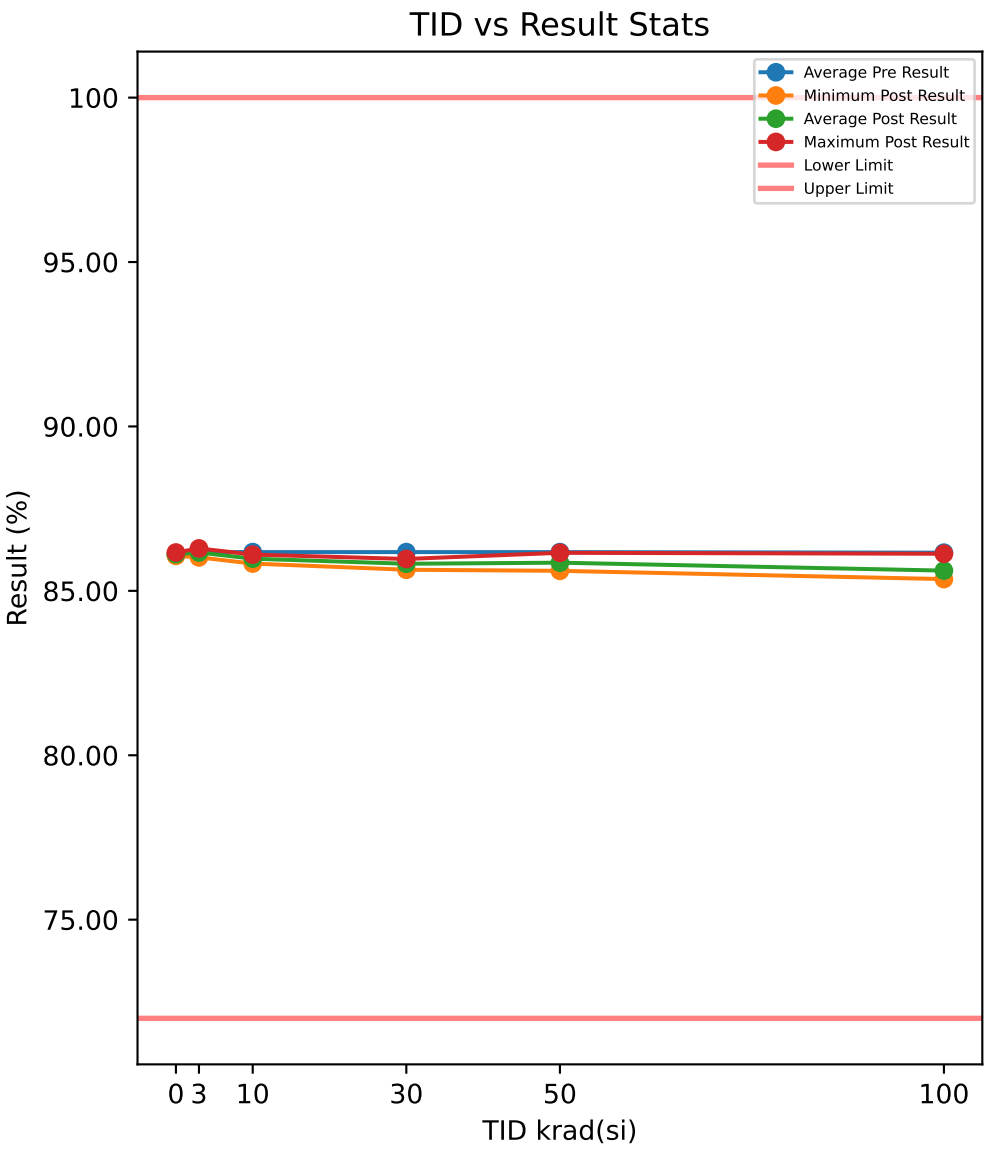
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

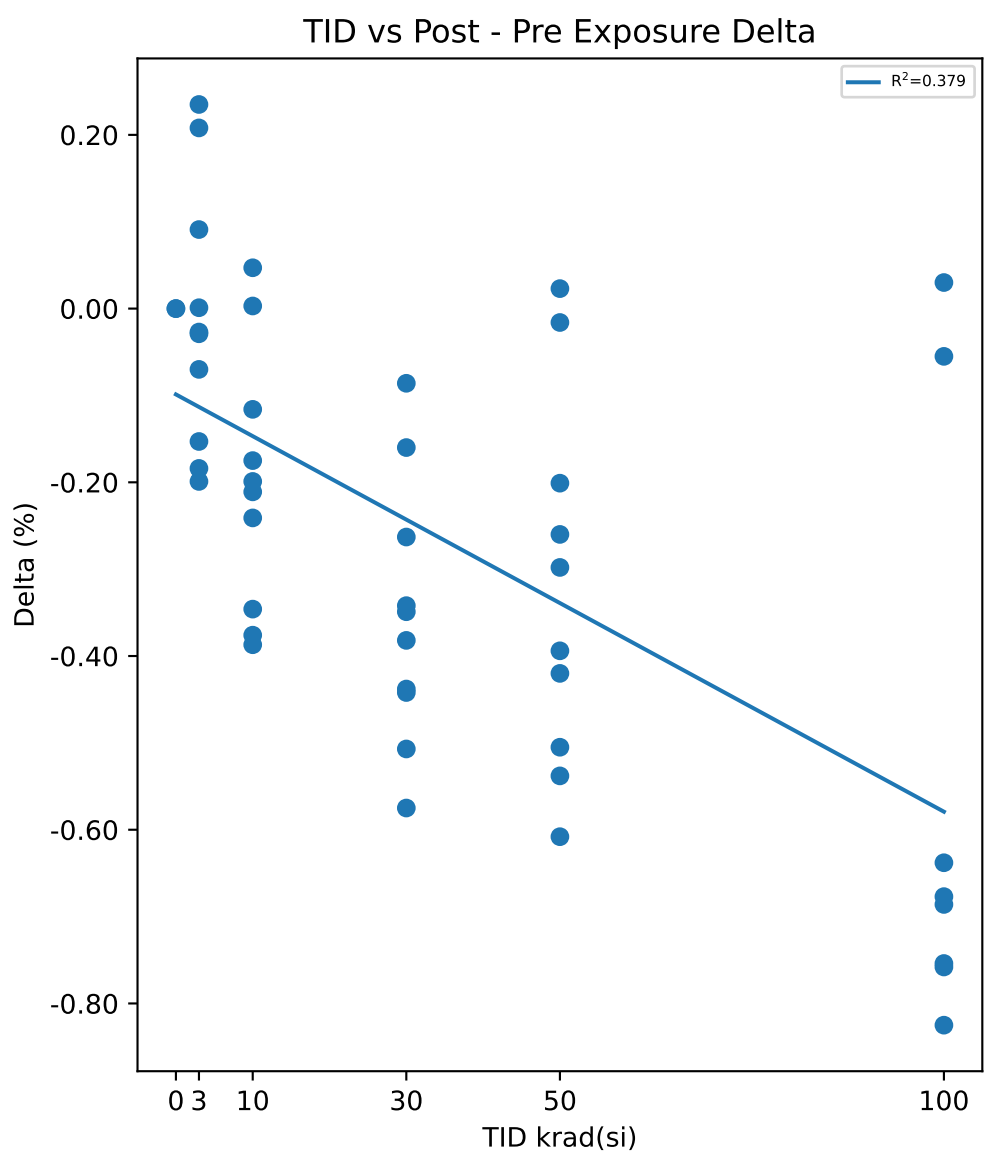
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.384	86.384	0
7	0	Correlation	86.54	86.54	0
16	3	LDR-Biased	86.489	86.742	0.253
18	3	LDR-Biased	86.541	86.564	0.023
19	3	LDR-Biased	86.497	86.558	0.061
20	3	LDR-Biased	86.444	86.737	0.293
21	3	LDR-Biased	86.598	86.598	0
22	3	LDR-Unbiased	86.368	86.682	0.314
23	3	LDR-Unbiased	86.741	86.452	-0.289
25	3	LDR-Unbiased	86.547	86.342	-0.205
26	3	LDR-Unbiased	86.477	86.475	-0.002
27	3	LDR-Unbiased	86.462	86.558	0.096
46	10	LDR-Biased	86.489	86.529	0.04
48	10	LDR-Biased	86.541	86.375	-0.166
49	10	LDR-Biased	86.497	86.386	-0.111
50	10	LDR-Biased	86.444	86.544	0.1
51	10	LDR-Biased	86.598	86.401	-0.197
52	10	LDR-Unbiased	86.368	86.472	0.104
53	10	LDR-Unbiased	86.741	86.258	-0.483
55	10	LDR-Unbiased	86.547	86.149	-0.398
56	10	LDR-Unbiased	86.477	86.303	-0.174
57	10	LDR-Unbiased	86.462	86.379	-0.083
76	30	LDR-Biased	86.489	86.385	-0.104
78	30	LDR-Biased	86.541	86.206	-0.335
79	30	LDR-Biased	86.497	86.246	-0.251
80	30	LDR-Biased	86.444	86.416	-0.028
81	30	LDR-Biased	86.598	86.344	-0.254
82	30	LDR-Unbiased	86.368	86.313	-0.055
83	30	LDR-Unbiased	86.741	86.1	-0.641
84	30	LDR-Unbiased	86.462	86.213	-0.249
85	30	LDR-Unbiased	86.547	85.97	-0.577
86	30	LDR-Unbiased	86.477	86.114	-0.363
87	100	LDR-Biased	86.57	85.745	-0.825
88	100	LDR-Biased	86.414	86.441	0.027
90	100	LDR-Biased	86.519	86.418	-0.101
91	100	LDR-Unbiased	86.409	85.716	-0.693
93	100	LDR-Unbiased	86.593	85.756	-0.837
94	100	LDR-Unbiased	86.482	86.013	-0.469
95	100	LDR-Unbiased	86.598	85.904	-0.694
96	100	LDR-Unbiased	86.45	85.91	-0.54
106	50	LDR-Biased	86.489	86.631	0.142
108	50	LDR-Biased	86.541	86.294	-0.247
109	50	LDR-Biased	86.497	86.327	-0.17
110	50	LDR-Biased	86.444	86.521	0.077
111	50	LDR-Biased	86.598	86.368	-0.23
112	50	LDR-Unbiased	86.368	86.267	-0.101
113	50	LDR-Unbiased	86.741	86.068	-0.673
115	50	LDR-Unbiased	86.547	85.938	-0.609
116	50	LDR-Unbiased	86.477	86.047	-0.43
117	50	LDR-Unbiased	86.462	86.166	-0.296

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.384	86.462	86.54	0.11031	86.384	86.462	86.54	0.11031	0	0	0	0
3	86.368	86.516	86.741	0.10086	86.342	86.571	86.742	0.12739	-0.289	0.0544	0.314	0.19941
10	86.368	86.516	86.741	0.10086	86.149	86.38	86.544	0.12121	-0.483	-0.1368	0.104	0.19517
30	86.368	86.516	86.741	0.10086	85.97	86.231	86.416	0.14047	-0.641	-0.2857	-0.028	0.20432
50	86.368	86.516	86.741	0.10086	85.938	86.263	86.631	0.21546	-0.673	-0.2537	0.142	0.26495
100	86.409	86.504	86.598	0.077332	85.716	85.988	86.441	0.2905	-0.837	-0.5165	0.027	0.32324

Device Test: 6.81 VOH_10mA_PWRGD/PWRGD/1.6/3/0/0/10/@VOH_PWRGD_10MA





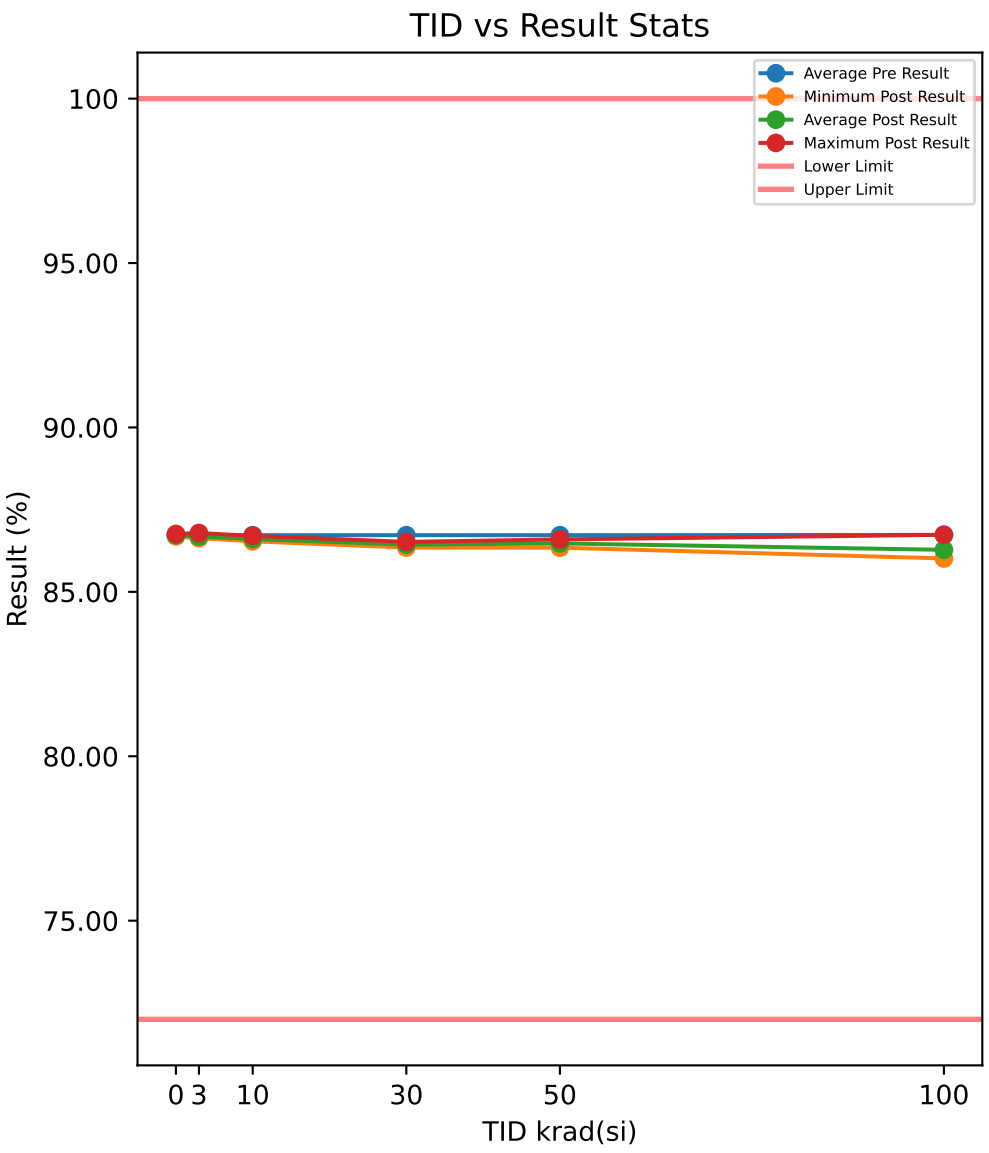
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

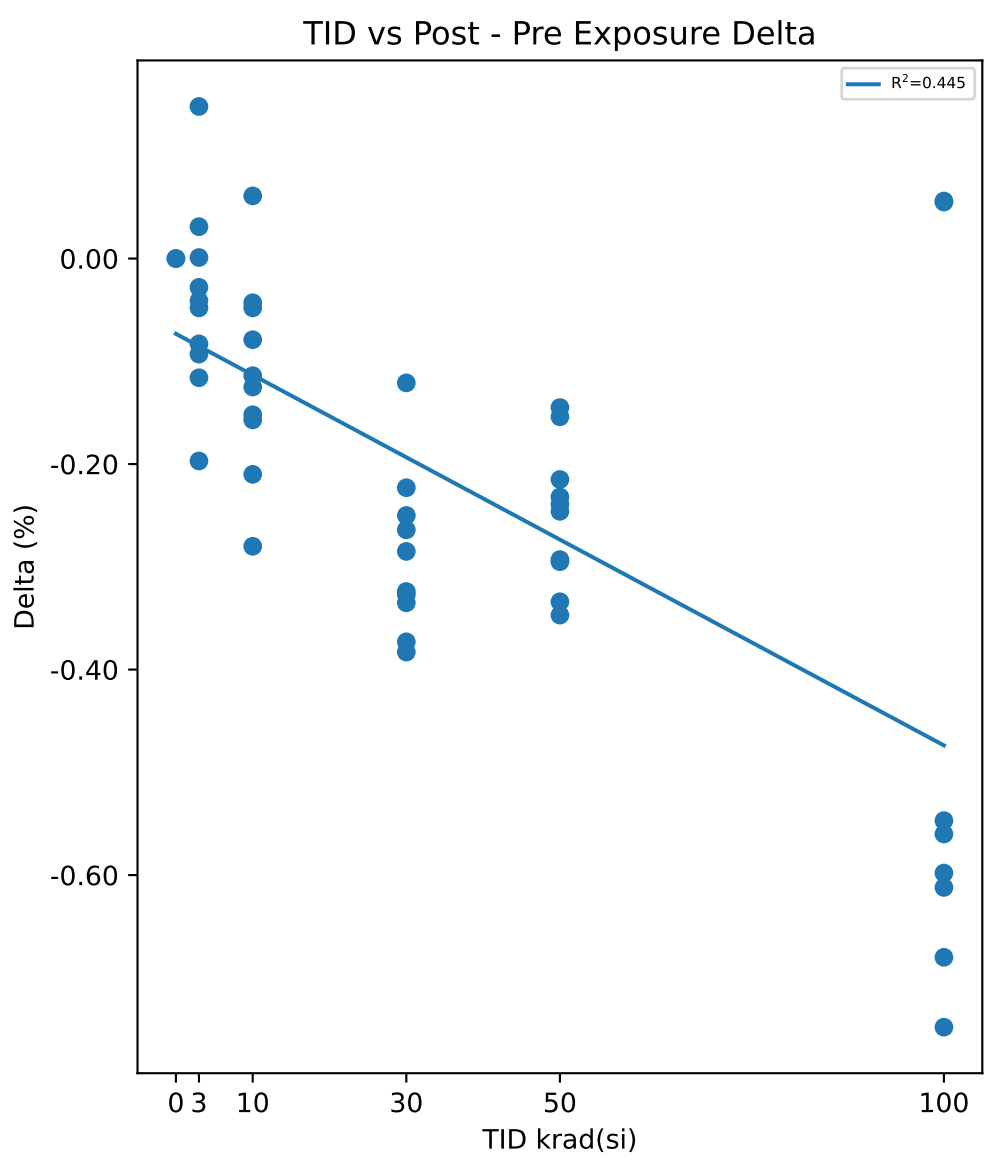
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.065	86.065	0
7	0	Correlation	86.166	86.166	0
16	3	LDR-Biased	86.173	86.264	0.091
18	3	LDR-Biased	86.184	86.157	-0.027
19	3	LDR-Biased	86.204	86.175	-0.029
20	3	LDR-Biased	86.056	86.291	0.235
21	3	LDR-Biased	86.294	86.11	-0.184
22	3	LDR-Unbiased	86.075	86.283	0.208
23	3	LDR-Unbiased	86.291	86.138	-0.153
25	3	LDR-Unbiased	86.217	86.018	-0.199
26	3	LDR-Unbiased	86.152	86.082	-0.07
27	3	LDR-Unbiased	86.139	86.14	0.001
46	10	LDR-Biased	86.173	86.057	-0.116
48	10	LDR-Biased	86.184	85.973	-0.211
49	10	LDR-Biased	86.204	86.005	-0.199
50	10	LDR-Biased	86.056	86.103	0.047
51	10	LDR-Biased	86.294	85.918	-0.376
52	10	LDR-Unbiased	86.075	86.078	0.003
53	10	LDR-Unbiased	86.291	85.945	-0.346
55	10	LDR-Unbiased	86.217	85.83	-0.387
56	10	LDR-Unbiased	86.152	85.911	-0.241
57	10	LDR-Unbiased	86.139	85.964	-0.175
76	30	LDR-Biased	86.173	85.91	-0.263
78	30	LDR-Biased	86.184	85.802	-0.382
79	30	LDR-Biased	86.204	85.862	-0.342
80	30	LDR-Biased	86.056	85.97	-0.086
81	30	LDR-Biased	86.294	85.852	-0.442
82	30	LDR-Unbiased	86.075	85.915	-0.16
83	30	LDR-Unbiased	86.291	85.784	-0.507
84	30	LDR-Unbiased	86.139	85.79	-0.349
85	30	LDR-Unbiased	86.217	85.642	-0.575
86	30	LDR-Unbiased	86.152	85.714	-0.438
87	100	LDR-Biased	86.182	85.428	-0.754
88	100	LDR-Biased	86.098	86.128	0.03
90	100	LDR-Biased	86.161	86.106	-0.055
91	100	LDR-Unbiased	86.116	85.358	-0.758
93	100	LDR-Unbiased	86.289	85.464	-0.825
94	100	LDR-Unbiased	86.165	85.527	-0.638
95	100	LDR-Unbiased	86.15	85.473	-0.677
96	100	LDR-Unbiased	86.128	85.442	-0.686
106	50	LDR-Biased	86.173	86.157	-0.016
108	50	LDR-Biased	86.184	85.886	-0.298
109	50	LDR-Biased	86.204	85.944	-0.26
110	50	LDR-Biased	86.056	86.079	0.023
111	50	LDR-Biased	86.294	85.874	-0.42
112	50	LDR-Unbiased	86.075	85.874	-0.201
113	50	LDR-Unbiased	86.291	85.753	-0.538
115	50	LDR-Unbiased	86.217	85.609	-0.608
116	50	LDR-Unbiased	86.152	85.647	-0.505
117	50	LDR-Unbiased	86.139	85.745	-0.394

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.065	86.115	86.166	0.071418	86.065	86.115	86.166	0.071418	0	0	0	0
3	86.056	86.178	86.294	0.079001	86.018	86.166	86.291	0.089837	-0.199	-0.0127	0.235	0.1522
10	86.056	86.178	86.294	0.079001	85.83	85.978	86.103	0.084259	-0.387	-0.2001	0.047	0.14868
30	86.056	86.178	86.294	0.079001	85.642	85.824	85.97	0.098705	-0.575	-0.3544	-0.086	0.1512
50	86.056	86.178	86.294	0.079001	85.609	85.857	86.157	0.17551	-0.608	-0.3217	0.023	0.21303
100	86.098	86.161	86.289	0.058609	85.358	85.616	86.128	0.31303	-0.825	-0.54538	0.03	0.33469

Device Test: 6.82 VOH_10mA_EN1/EN1/1.6/14/0/0/10/@VOH_EN_10MA





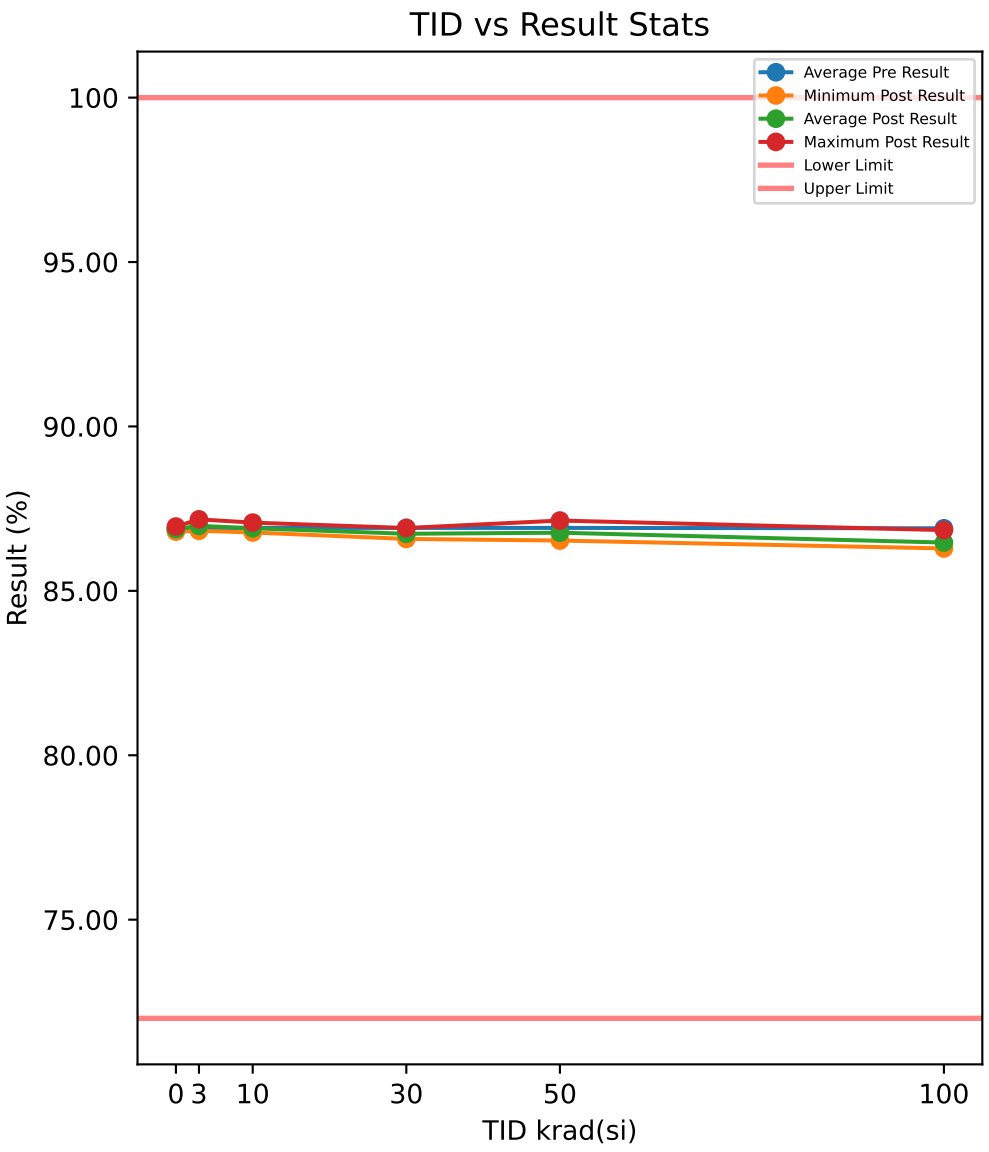
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

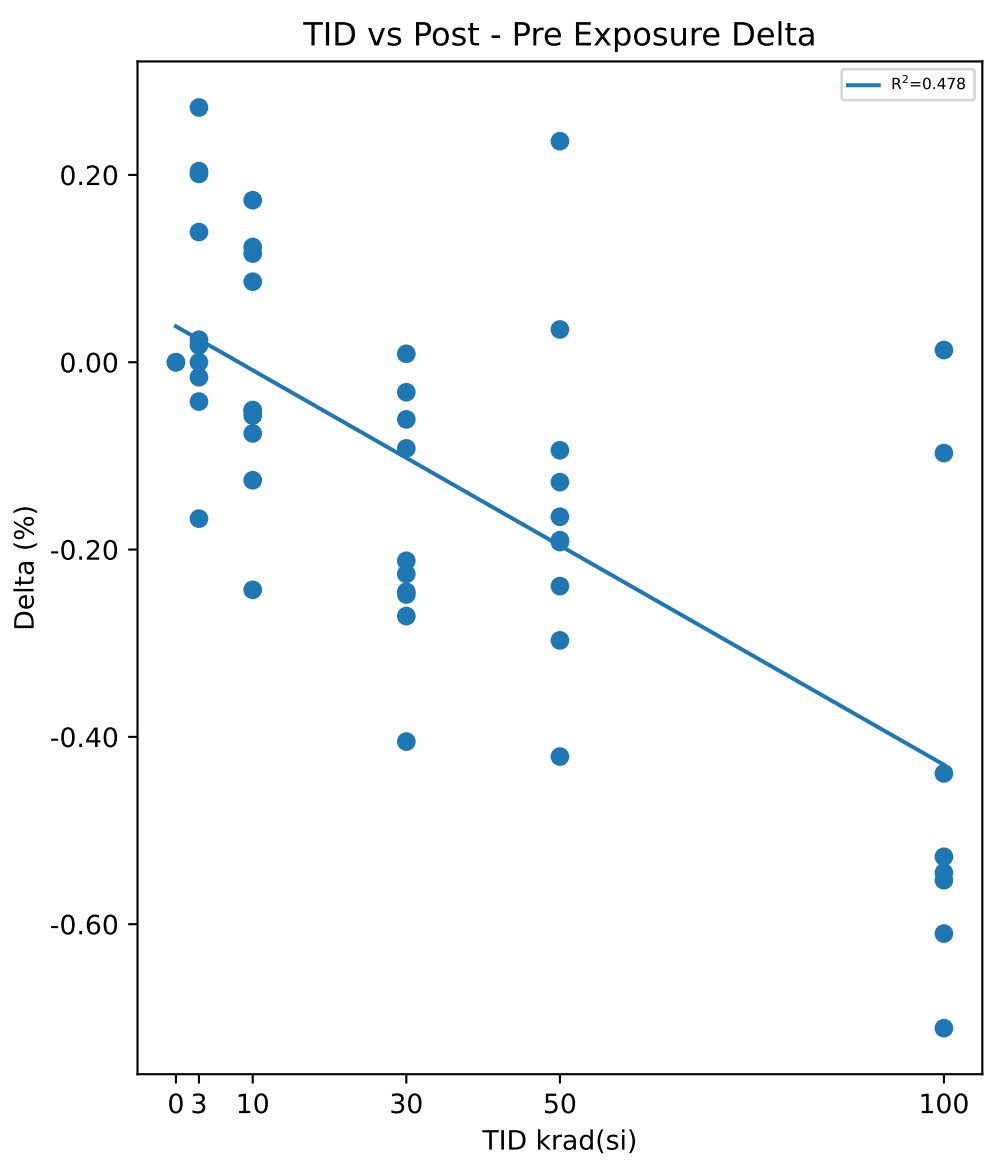
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.688	86.688	0
7	0	Correlation	86.759	86.759	0
16	3	LDR-Biased	86.748	86.632	-0.116
18	3	LDR-Biased	86.682	86.641	-0.041
19	3	LDR-Biased	86.766	86.673	-0.093
20	3	LDR-Biased	86.704	86.656	-0.048
21	3	LDR-Biased	86.871	86.674	-0.197
22	3	LDR-Unbiased	86.641	86.789	0.148
23	3	LDR-Unbiased	86.774	86.691	-0.083
25	3	LDR-Unbiased	86.703	86.734	0.031
26	3	LDR-Unbiased	86.637	86.638	0.001
27	3	LDR-Unbiased	86.706	86.678	-0.028
46	10	LDR-Biased	86.748	86.538	-0.21
48	10	LDR-Biased	86.682	86.568	-0.114
49	10	LDR-Biased	86.766	86.614	-0.152
50	10	LDR-Biased	86.704	86.579	-0.125
51	10	LDR-Biased	86.871	86.591	-0.28
52	10	LDR-Unbiased	86.641	86.702	0.061
53	10	LDR-Unbiased	86.774	86.617	-0.157
55	10	LDR-Unbiased	86.703	86.66	-0.043
56	10	LDR-Unbiased	86.637	86.589	-0.048
57	10	LDR-Unbiased	86.706	86.627	-0.079
76	30	LDR-Biased	86.748	86.365	-0.383
78	30	LDR-Biased	86.682	86.347	-0.335
79	30	LDR-Biased	86.766	86.439	-0.327
80	30	LDR-Biased	86.704	86.419	-0.285
81	30	LDR-Biased	86.871	86.498	-0.373
82	30	LDR-Unbiased	86.641	86.52	-0.121
83	30	LDR-Unbiased	86.774	86.45	-0.324
84	30	LDR-Unbiased	86.706	86.442	-0.264
85	30	LDR-Unbiased	86.703	86.48	-0.223
86	30	LDR-Unbiased	86.637	86.387	-0.25
87	100	LDR-Biased	86.799	86.201	-0.598
88	100	LDR-Biased	86.679	86.735	0.056
90	100	LDR-Biased	86.659	86.714	0.055
91	100	LDR-Unbiased	86.676	86.116	-0.56
93	100	LDR-Unbiased	86.864	86.116	-0.748
94	100	LDR-Unbiased	86.738	86.126	-0.612
95	100	LDR-Unbiased	86.747	86.2	-0.547
96	100	LDR-Unbiased	86.696	86.016	-0.68
106	50	LDR-Biased	86.748	86.594	-0.154
108	50	LDR-Biased	86.682	86.436	-0.246
109	50	LDR-Biased	86.766	86.527	-0.239
110	50	LDR-Biased	86.704	86.489	-0.215
111	50	LDR-Biased	86.871	86.524	-0.347
112	50	LDR-Unbiased	86.641	86.496	-0.145
113	50	LDR-Unbiased	86.774	86.44	-0.334
115	50	LDR-Unbiased	86.703	86.471	-0.232
116	50	LDR-Unbiased	86.637	86.344	-0.293
117	50	LDR-Unbiased	86.706	86.411	-0.295

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.688	86.724	86.759	0.050205	86.688	86.724	86.759	0.050205	0	0	0	0
3	86.637	86.723	86.871	0.069785	86.632	86.681	86.789	0.048498	-0.197	-0.0426	0.148	0.092671
10	86.637	86.723	86.871	0.069785	86.538	86.609	86.702	0.047148	-0.28	-0.1147	0.061	0.095119
30	86.637	86.723	86.871	0.069785	86.347	86.435	86.52	0.056482	-0.383	-0.2885	-0.121	0.078469
50	86.637	86.723	86.871	0.069785	86.344	86.473	86.594	0.069833	-0.347	-0.25	-0.145	0.068529
100	86.659	86.732	86.864	0.070451	86.016	86.278	86.735	0.28163	-0.748	-0.45425	0.056	0.32122

Device Test: 6.83 VOH_10mA_EN2/EN2/1.6/14/0/0/10/@VOH_EN_10MA





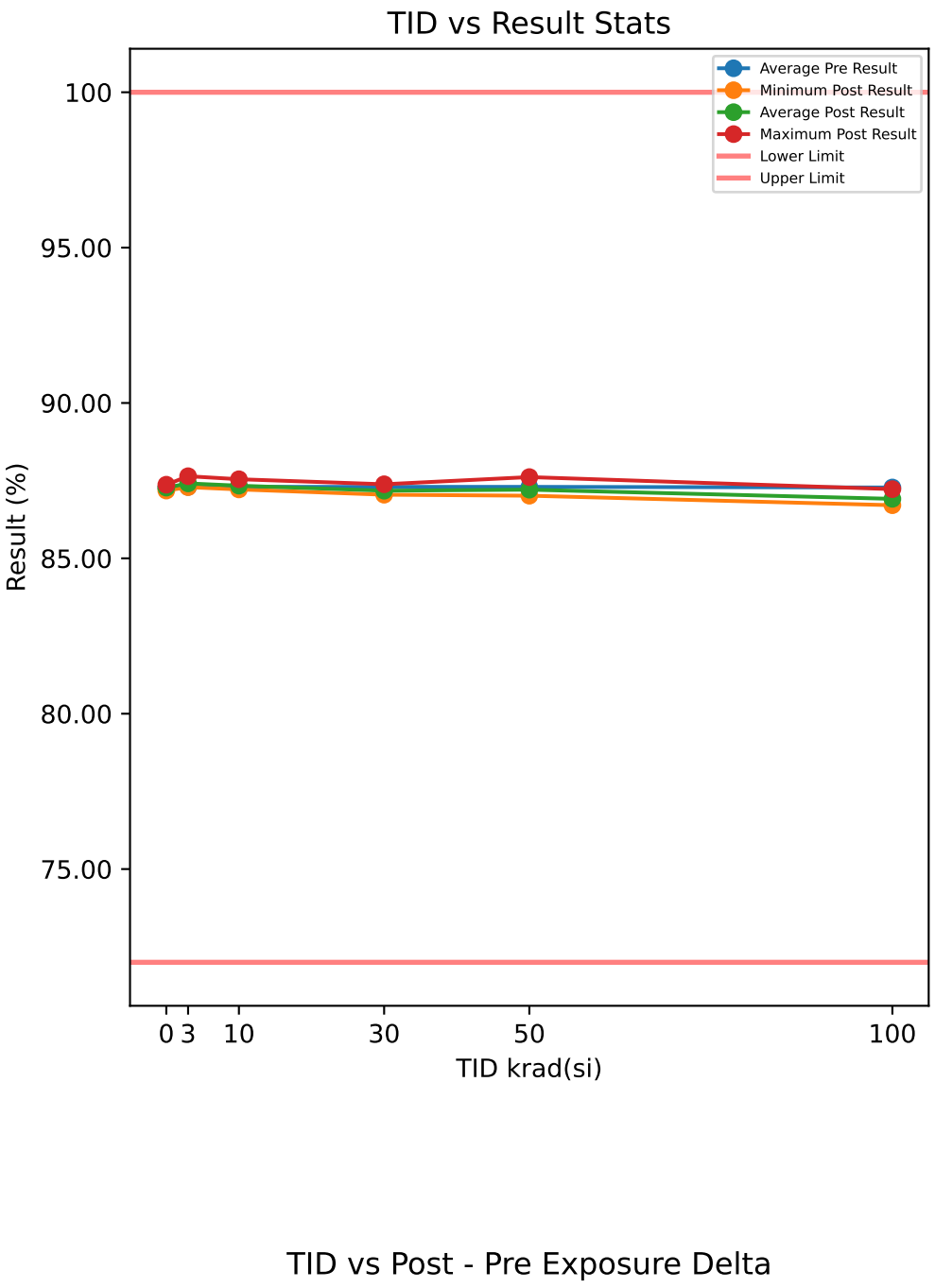
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

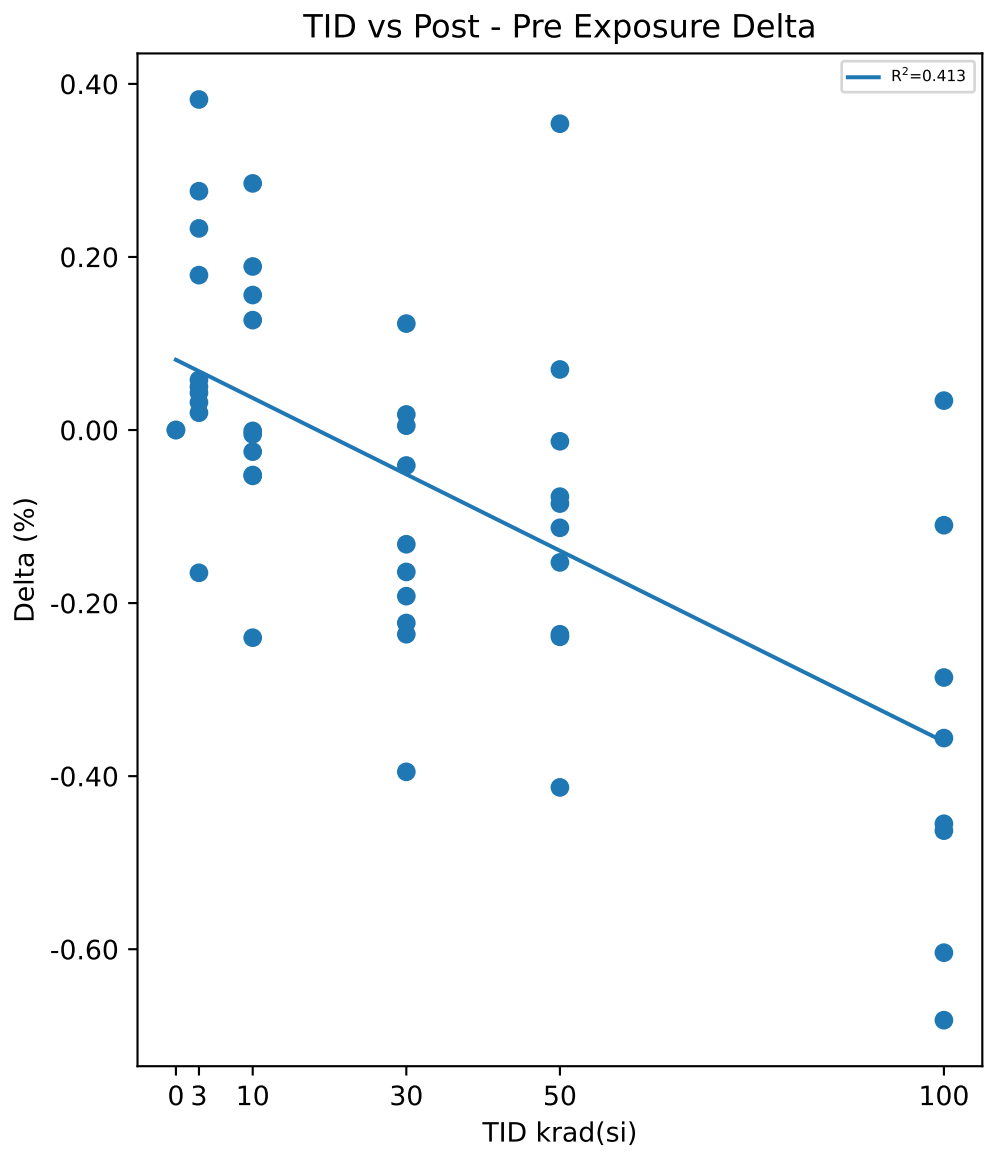
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.801	86.801	0
7	0	Correlation	86.955	86.955	0
16	3	LDR-Biased	86.902	87.174	0.272
18	3	LDR-Biased	86.944	86.962	0.018
19	3	LDR-Biased	86.944	86.928	-0.016
20	3	LDR-Biased	86.885	87.086	0.201
21	3	LDR-Biased	87.018	86.976	-0.042
22	3	LDR-Unbiased	86.783	86.987	0.204
23	3	LDR-Unbiased	87.082	86.915	-0.167
25	3	LDR-Unbiased	86.895	86.919	0.024
26	3	LDR-Unbiased	86.827	86.827	0
27	3	LDR-Unbiased	86.861	87	0.139
46	10	LDR-Biased	86.902	87.075	0.173
48	10	LDR-Biased	86.944	86.887	-0.057
49	10	LDR-Biased	86.944	86.868	-0.076
50	10	LDR-Biased	86.885	87.008	0.123
51	10	LDR-Biased	87.018	86.892	-0.126
52	10	LDR-Unbiased	86.783	86.899	0.116
53	10	LDR-Unbiased	87.082	86.839	-0.243
55	10	LDR-Unbiased	86.895	86.844	-0.051
56	10	LDR-Unbiased	86.827	86.775	-0.052
57	10	LDR-Unbiased	86.861	86.947	0.086
76	30	LDR-Biased	86.902	86.911	0.009
78	30	LDR-Biased	86.944	86.673	-0.271
79	30	LDR-Biased	86.944	86.699	-0.245
80	30	LDR-Biased	86.885	86.853	-0.032
81	30	LDR-Biased	87.018	86.806	-0.212
82	30	LDR-Unbiased	86.783	86.722	-0.061
83	30	LDR-Unbiased	87.082	86.677	-0.405
84	30	LDR-Unbiased	86.861	86.769	-0.092
85	30	LDR-Unbiased	86.895	86.669	-0.226
86	30	LDR-Unbiased	86.827	86.579	-0.248
87	100	LDR-Biased	86.956	86.346	-0.61
88	100	LDR-Biased	86.834	86.847	0.013
90	100	LDR-Biased	86.923	86.826	-0.097
91	100	LDR-Unbiased	86.818	86.29	-0.528
93	100	LDR-Unbiased	87.013	86.302	-0.711
94	100	LDR-Unbiased	86.892	86.453	-0.439
95	100	LDR-Unbiased	86.936	86.383	-0.553
96	100	LDR-Unbiased	86.851	86.306	-0.545
106	50	LDR-Biased	86.902	87.138	0.236
108	50	LDR-Biased	86.944	86.754	-0.19
109	50	LDR-Biased	86.944	86.779	-0.165
110	50	LDR-Biased	86.885	86.92	0.035
111	50	LDR-Biased	87.018	86.826	-0.192
112	50	LDR-Unbiased	86.783	86.689	-0.094
113	50	LDR-Unbiased	87.082	86.661	-0.421
115	50	LDR-Unbiased	86.895	86.656	-0.239
116	50	LDR-Unbiased	86.827	86.53	-0.297
117	50	LDR-Unbiased	86.861	86.733	-0.128

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.801	86.878	86.955	0.10889	86.801	86.878	86.955	0.10889	0	0	0	0
3	86.783	86.914	87.082	0.088018	86.827	86.977	87.174	0.096409	-0.167	0.0633	0.272	0.13584
10	86.783	86.914	87.082	0.088018	86.775	86.903	87.075	0.087001	-0.243	-0.0107	0.173	0.13082
30	86.783	86.914	87.082	0.088018	86.579	86.736	86.911	0.099138	-0.405	-0.1783	0.009	0.12927
50	86.783	86.914	87.082	0.088018	86.53	86.769	87.138	0.16726	-0.421	-0.1455	0.236	0.18049
100	86.818	86.903	87.013	0.066771	86.29	86.469	86.847	0.23287	-0.711	-0.43375	0.013	0.25535

Device Test: 6.84 VOH_10mA_EN3/EN3/1.6/14/0/0/10/@VOH_EN_10MA





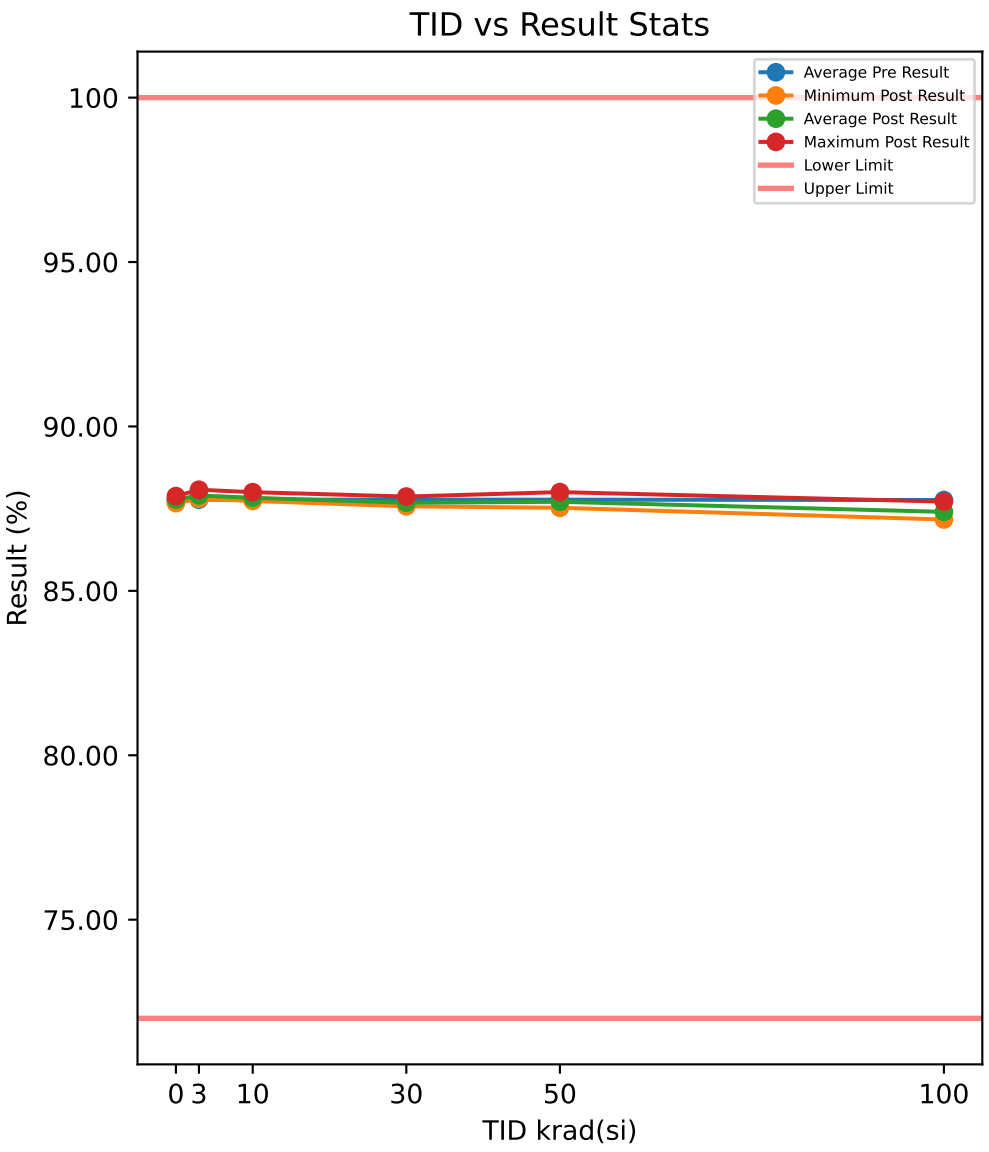
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

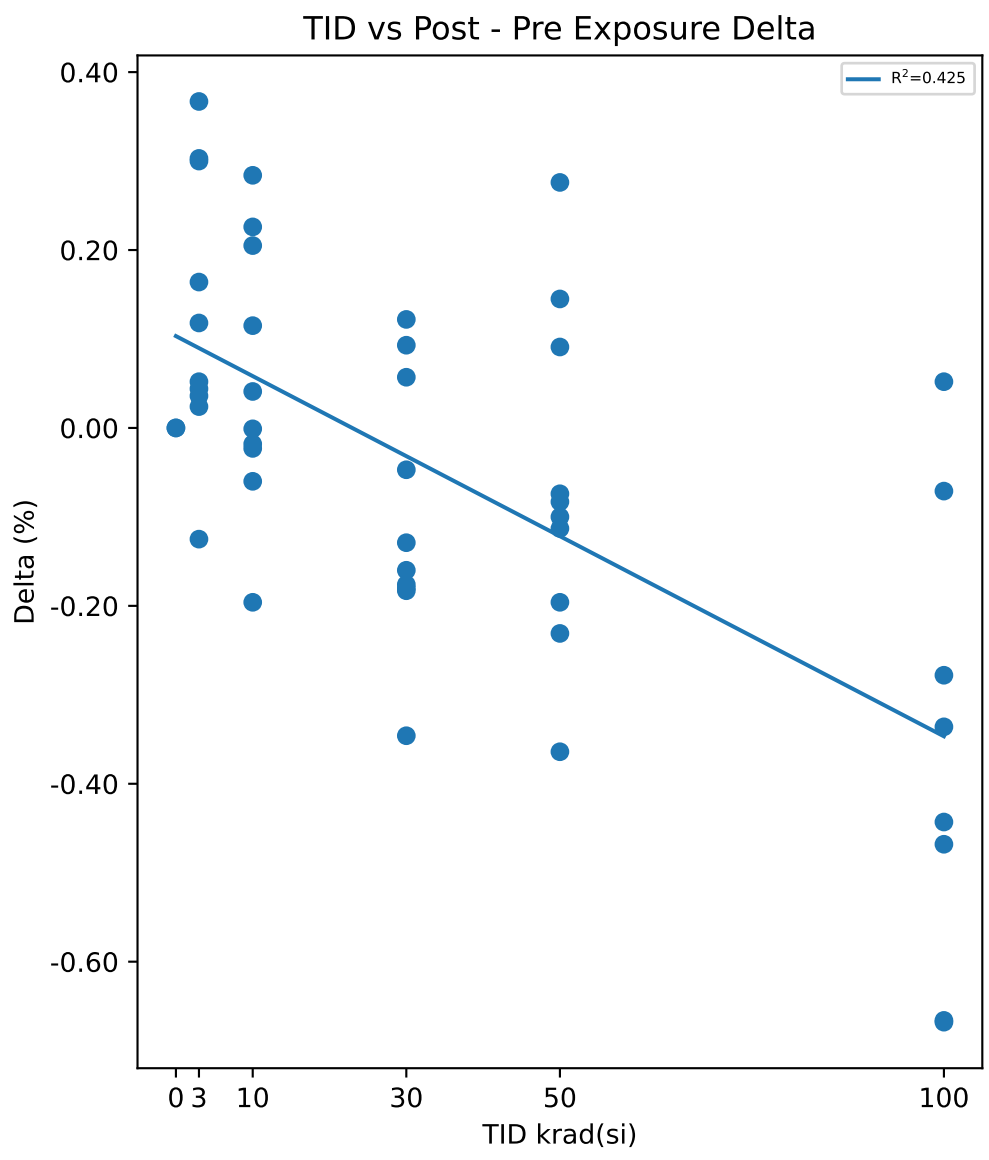
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	87.181	87.181	0
7	0	Correlation	87.37	87.37	0
16	3	LDR-Biased	87.261	87.643	0.382
18	3	LDR-Biased	87.339	87.389	0.05
19	3	LDR-Biased	87.327	87.385	0.058
20	3	LDR-Biased	87.323	87.556	0.233
21	3	LDR-Biased	87.358	87.39	0.032
22	3	LDR-Unbiased	87.13	87.406	0.276
23	3	LDR-Unbiased	87.497	87.332	-0.165
25	3	LDR-Unbiased	87.271	87.291	0.02
26	3	LDR-Unbiased	87.255	87.298	0.043
27	3	LDR-Unbiased	87.244	87.423	0.179
46	10	LDR-Biased	87.261	87.546	0.285
48	10	LDR-Biased	87.339	87.314	-0.025
49	10	LDR-Biased	87.327	87.326	-0.001
50	10	LDR-Biased	87.323	87.479	0.156
51	10	LDR-Biased	87.358	87.306	-0.052
52	10	LDR-Unbiased	87.13	87.319	0.189
53	10	LDR-Unbiased	87.497	87.257	-0.24
55	10	LDR-Unbiased	87.271	87.218	-0.053
56	10	LDR-Unbiased	87.255	87.25	-0.005
57	10	LDR-Unbiased	87.244	87.371	0.127
76	30	LDR-Biased	87.261	87.384	0.123
78	30	LDR-Biased	87.339	87.103	-0.236
79	30	LDR-Biased	87.327	87.163	-0.164
80	30	LDR-Biased	87.323	87.328	0.005
81	30	LDR-Biased	87.358	87.226	-0.132
82	30	LDR-Unbiased	87.13	87.148	0.018
83	30	LDR-Unbiased	87.497	87.102	-0.395
84	30	LDR-Unbiased	87.244	87.203	-0.041
85	30	LDR-Unbiased	87.271	87.048	-0.223
86	30	LDR-Unbiased	87.255	87.063	-0.192
87	100	LDR-Biased	87.395	86.713	-0.682
88	100	LDR-Biased	87.193	87.227	0.034
90	100	LDR-Biased	87.316	87.206	-0.11
91	100	LDR-Unbiased	87.165	86.71	-0.455
93	100	LDR-Unbiased	87.353	86.749	-0.604
94	100	LDR-Unbiased	87.252	86.966	-0.286
95	100	LDR-Unbiased	87.332	86.869	-0.463
96	100	LDR-Unbiased	87.234	86.878	-0.356
106	50	LDR-Biased	87.261	87.615	0.354
108	50	LDR-Biased	87.339	87.186	-0.153
109	50	LDR-Biased	87.327	87.242	-0.085
110	50	LDR-Biased	87.323	87.393	0.07
111	50	LDR-Biased	87.358	87.245	-0.113
112	50	LDR-Unbiased	87.13	87.117	-0.013
113	50	LDR-Unbiased	87.497	87.084	-0.413
115	50	LDR-Unbiased	87.271	87.035	-0.236
116	50	LDR-Unbiased	87.255	87.016	-0.239
117	50	LDR-Unbiased	87.244	87.167	-0.077

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	87.181	87.275	87.37	0.13364	87.181	87.275	87.37	0.13364	0	0	0	0
3	87.13	87.3	87.497	0.095086	87.291	87.411	87.643	0.11057	-0.165	0.1108	0.382	0.15707
10	87.13	87.3	87.497	0.095086	87.218	87.339	87.546	0.10276	-0.24	0.0381	0.285	0.15153
30	87.13	87.3	87.497	0.095086	87.048	87.177	87.384	0.11081	-0.395	-0.1237	0.123	0.15158
50	87.13	87.3	87.497	0.095086	87.016	87.21	87.615	0.18104	-0.413	-0.0905	0.354	0.2058
100	87.165	87.28	87.395	0.081283	86.71	86.915	87.227	0.2065	-0.682	-0.36525	0.034	0.24079

Device Test: 6.85 VOH_10mA_EN4/EN4/1.6/14/0/0/10/@VOH_EN_10MA





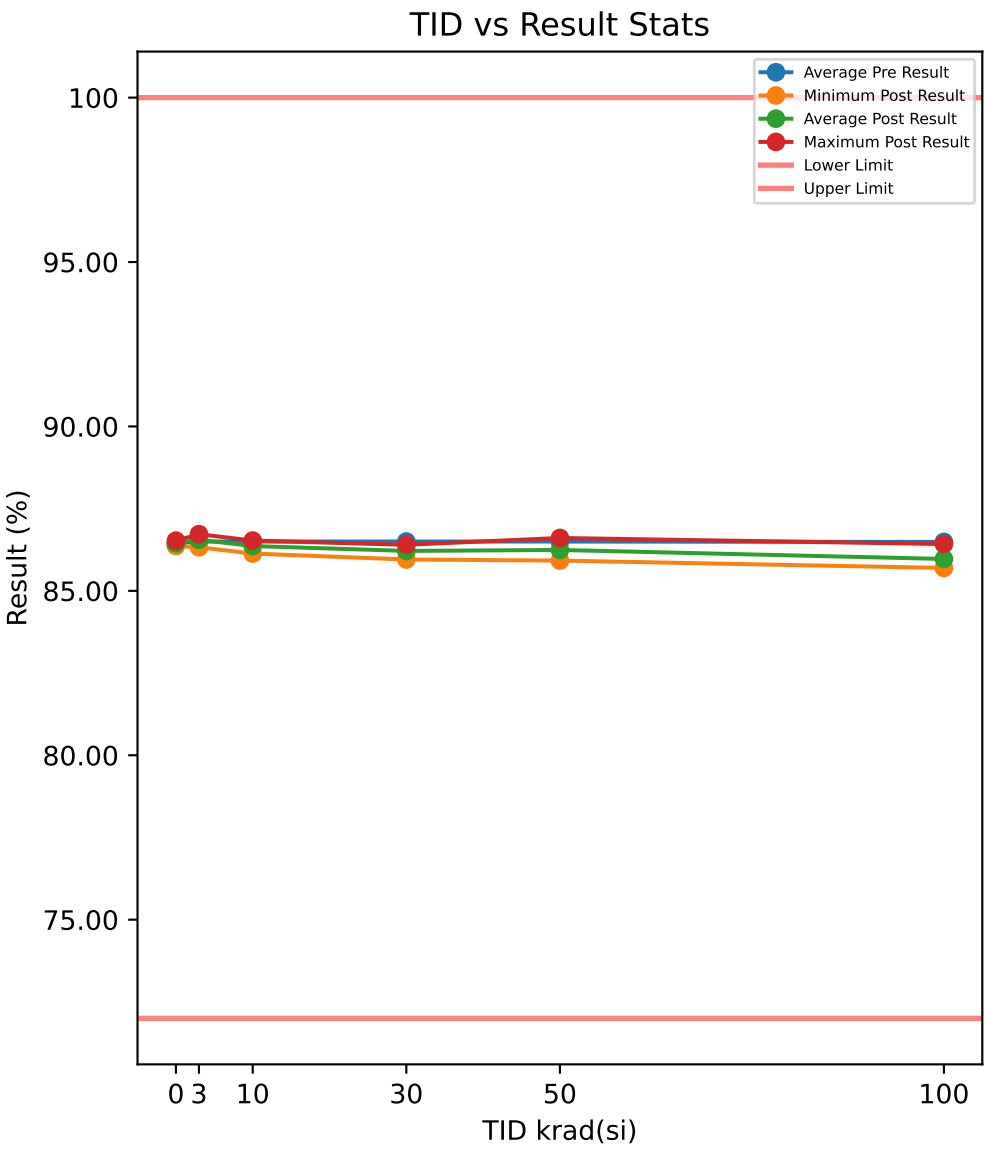
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

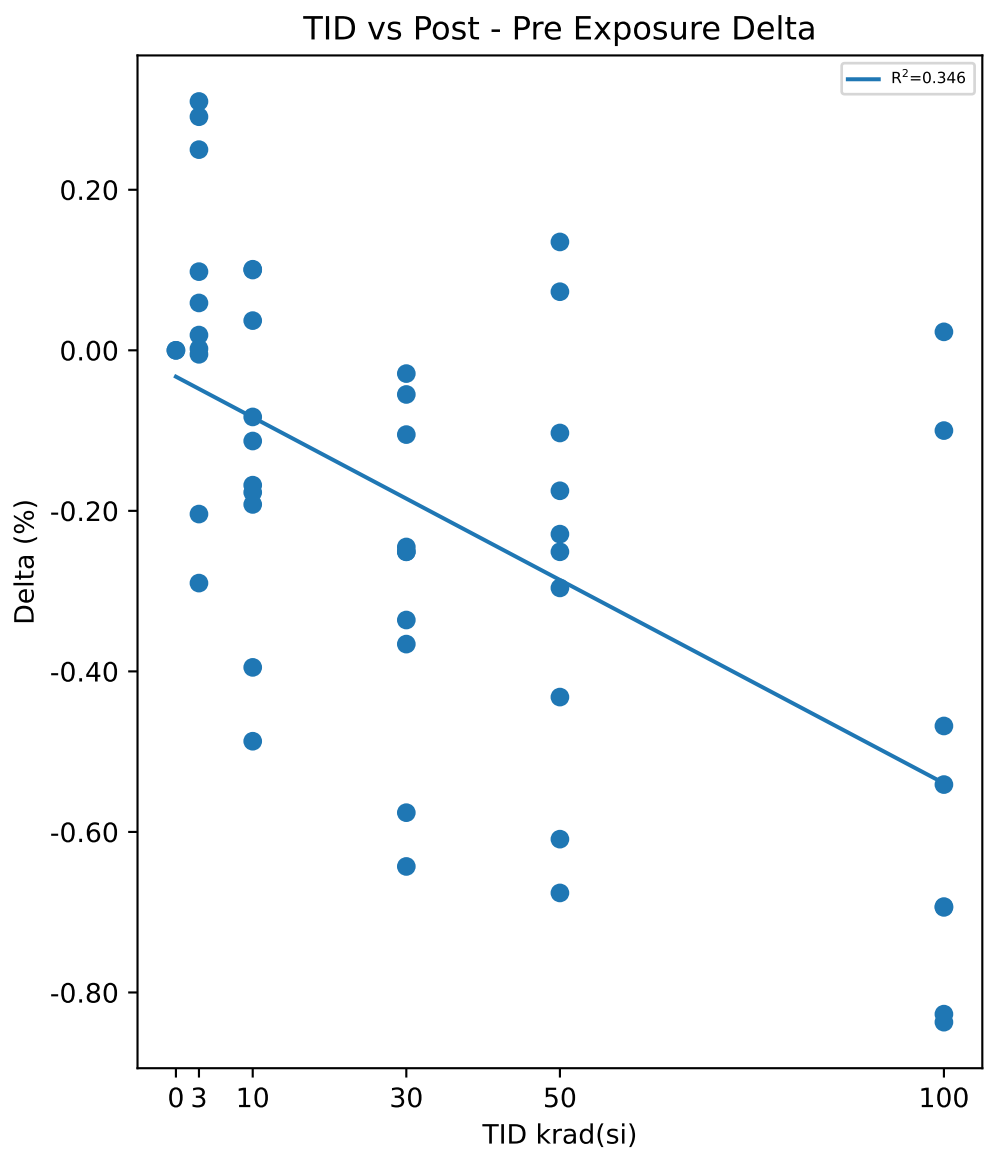
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	87.668	87.668	0
7	0	Correlation	87.881	87.881	0
16	3	LDR-Biased	87.727	88.03	0.303
18	3	LDR-Biased	87.787	87.905	0.118
19	3	LDR-Biased	87.807	87.843	0.036
20	3	LDR-Biased	87.775	88.075	0.3
21	3	LDR-Biased	87.872	87.896	0.024
22	3	LDR-Unbiased	87.579	87.946	0.367
23	3	LDR-Unbiased	87.93	87.805	-0.125
25	3	LDR-Unbiased	87.752	87.804	0.052
26	3	LDR-Unbiased	87.757	87.801	0.044
27	3	LDR-Unbiased	87.748	87.912	0.164
46	10	LDR-Biased	87.727	87.932	0.205
48	10	LDR-Biased	87.787	87.828	0.041
49	10	LDR-Biased	87.807	87.784	-0.023
50	10	LDR-Biased	87.775	88.001	0.226
51	10	LDR-Biased	87.872	87.812	-0.06
52	10	LDR-Unbiased	87.579	87.863	0.284
53	10	LDR-Unbiased	87.93	87.734	-0.196
55	10	LDR-Unbiased	87.752	87.734	-0.018
56	10	LDR-Unbiased	87.757	87.756	-0.001
57	10	LDR-Unbiased	87.748	87.863	0.115
76	30	LDR-Biased	87.727	87.784	0.057
78	30	LDR-Biased	87.787	87.627	-0.16
79	30	LDR-Biased	87.807	87.631	-0.176
80	30	LDR-Biased	87.775	87.868	0.093
81	30	LDR-Biased	87.872	87.743	-0.129
82	30	LDR-Unbiased	87.579	87.701	0.122
83	30	LDR-Unbiased	87.93	87.584	-0.346
84	30	LDR-Unbiased	87.748	87.701	-0.047
85	30	LDR-Unbiased	87.752	87.572	-0.18
86	30	LDR-Unbiased	87.757	87.574	-0.183
87	100	LDR-Biased	87.864	87.196	-0.668
88	100	LDR-Biased	87.662	87.714	0.052
90	100	LDR-Biased	87.766	87.695	-0.071
91	100	LDR-Unbiased	87.613	87.17	-0.443
93	100	LDR-Unbiased	87.869	87.203	-0.666
94	100	LDR-Unbiased	87.719	87.441	-0.278
95	100	LDR-Unbiased	87.863	87.395	-0.468
96	100	LDR-Unbiased	87.739	87.403	-0.336
106	50	LDR-Biased	87.727	88.003	0.276
108	50	LDR-Biased	87.787	87.713	-0.074
109	50	LDR-Biased	87.807	87.707	-0.1
110	50	LDR-Biased	87.775	87.92	0.145
111	50	LDR-Biased	87.872	87.759	-0.113
112	50	LDR-Unbiased	87.579	87.67	0.091
113	50	LDR-Unbiased	87.93	87.566	-0.364
115	50	LDR-Unbiased	87.752	87.556	-0.196
116	50	LDR-Unbiased	87.757	87.526	-0.231
117	50	LDR-Unbiased	87.748	87.665	-0.083

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	87.668	87.775	87.881	0.15061	87.668	87.775	87.881	0.15061	0	0	0	0
3	87.579	87.773	87.93	0.092423	87.801	87.902	88.075	0.09492	-0.125	0.1283	0.367	0.1545
10	87.579	87.773	87.93	0.092423	87.734	87.831	88.001	0.087031	-0.196	0.0573	0.284	0.14859
30	87.579	87.773	87.93	0.092423	87.572	87.678	87.868	0.099059	-0.346	-0.0949	0.122	0.14823
50	87.579	87.773	87.93	0.092423	87.526	87.709	88.003	0.1543	-0.364	-0.0649	0.276	0.18938
100	87.613	87.762	87.869	0.097577	87.17	87.402	87.714	0.21402	-0.668	-0.35975	0.052	0.25846

Device Test: 6.86 VOH_10mA_SEQ/SEQ_DONE/1.6/14/0/0/10/@VOH_SEQ_DONE_10MA





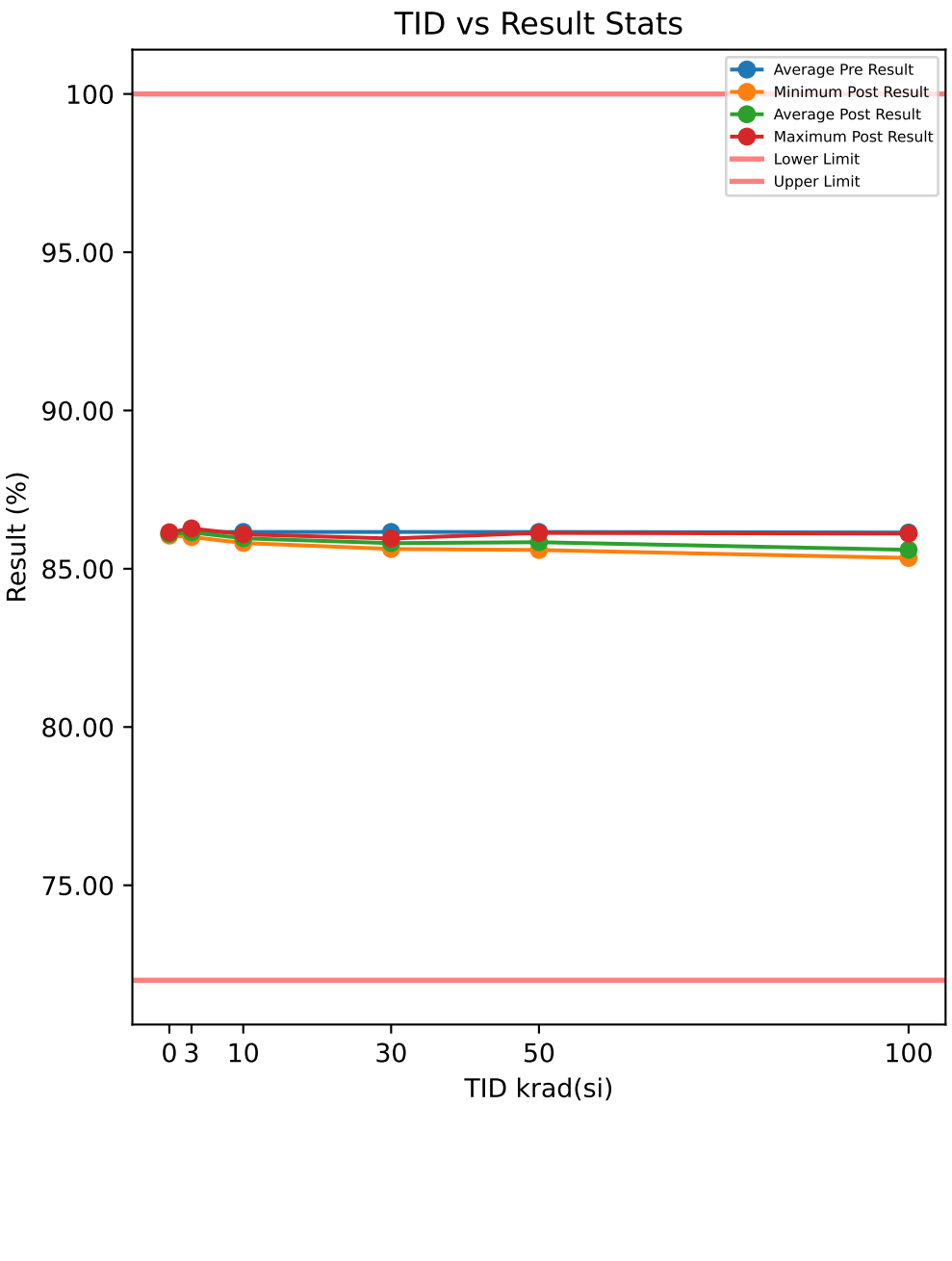
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

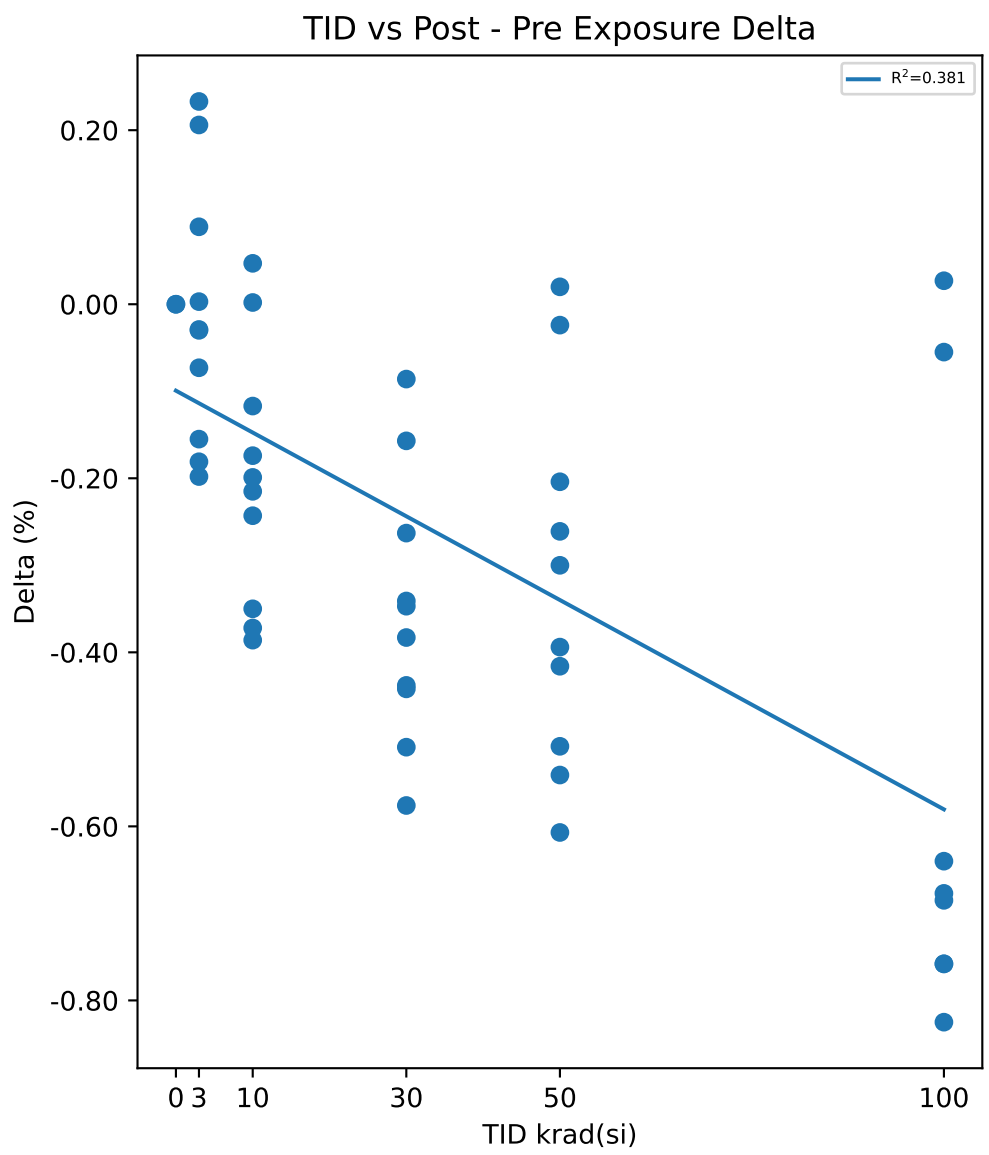
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.366	86.366	0
7	0	Correlation	86.526	86.526	0
16	3	LDR-Biased	86.473	86.723	0.25
18	3	LDR-Biased	86.525	86.544	0.019
19	3	LDR-Biased	86.481	86.54	0.059
20	3	LDR-Biased	86.429	86.72	0.291
21	3	LDR-Biased	86.58	86.582	0.002
22	3	LDR-Unbiased	86.352	86.662	0.31
23	3	LDR-Unbiased	86.725	86.435	-0.29
25	3	LDR-Unbiased	86.53	86.326	-0.204
26	3	LDR-Unbiased	86.463	86.458	-0.005
27	3	LDR-Unbiased	86.443	86.541	0.098
46	10	LDR-Biased	86.473	86.51	0.037
48	10	LDR-Biased	86.525	86.357	-0.168
49	10	LDR-Biased	86.481	86.368	-0.113
50	10	LDR-Biased	86.429	86.529	0.1
51	10	LDR-Biased	86.58	86.388	-0.192
52	10	LDR-Unbiased	86.352	86.453	0.101
53	10	LDR-Unbiased	86.725	86.238	-0.487
55	10	LDR-Unbiased	86.53	86.135	-0.395
56	10	LDR-Unbiased	86.463	86.286	-0.177
57	10	LDR-Unbiased	86.443	86.36	-0.083
76	30	LDR-Biased	86.473	86.368	-0.105
78	30	LDR-Biased	86.525	86.189	-0.336
79	30	LDR-Biased	86.481	86.23	-0.251
80	30	LDR-Biased	86.429	86.4	-0.029
81	30	LDR-Biased	86.58	86.329	-0.251
82	30	LDR-Unbiased	86.352	86.297	-0.055
83	30	LDR-Unbiased	86.725	86.082	-0.643
84	30	LDR-Unbiased	86.443	86.198	-0.245
85	30	LDR-Unbiased	86.53	85.954	-0.576
86	30	LDR-Unbiased	86.463	86.097	-0.366
87	100	LDR-Biased	86.554	85.727	-0.827
88	100	LDR-Biased	86.4	86.423	0.023
90	100	LDR-Biased	86.502	86.402	-0.1
91	100	LDR-Unbiased	86.39	85.697	-0.693
93	100	LDR-Unbiased	86.574	85.737	-0.837
94	100	LDR-Unbiased	86.464	85.996	-0.468
95	100	LDR-Unbiased	86.58	85.886	-0.694
96	100	LDR-Unbiased	86.434	85.893	-0.541
106	50	LDR-Biased	86.473	86.608	0.135
108	50	LDR-Biased	86.525	86.274	-0.251
109	50	LDR-Biased	86.481	86.306	-0.175
110	50	LDR-Biased	86.429	86.502	0.073
111	50	LDR-Biased	86.58	86.351	-0.229
112	50	LDR-Unbiased	86.352	86.249	-0.103
113	50	LDR-Unbiased	86.725	86.049	-0.676
115	50	LDR-Unbiased	86.53	85.921	-0.609
116	50	LDR-Unbiased	86.463	86.031	-0.432
117	50	LDR-Unbiased	86.443	86.147	-0.296

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.366	86.446	86.526	0.11314	86.366	86.446	86.526	0.11314	0	0	0	0
3	86.352	86.5	86.725	0.10067	86.326	86.553	86.723	0.12666	-0.29	0.053	0.31	0.19843
10	86.352	86.5	86.725	0.10067	86.135	86.362	86.529	0.12087	-0.487	-0.1377	0.101	0.19472
30	86.352	86.5	86.725	0.10067	85.954	86.214	86.4	0.14074	-0.643	-0.2857	-0.029	0.2046
50	86.352	86.5	86.725	0.10067	85.921	86.244	86.608	0.21406	-0.676	-0.2563	0.135	0.26361
100	86.39	86.487	86.58	0.076763	85.697	85.97	86.423	0.29115	-0.837	-0.51713	0.023	0.32277

Device Test: 6.87 VOH_10mA_PWRGD/PWRGD/1.6/14/0/0/10/@VOH_PWRGD_10MA





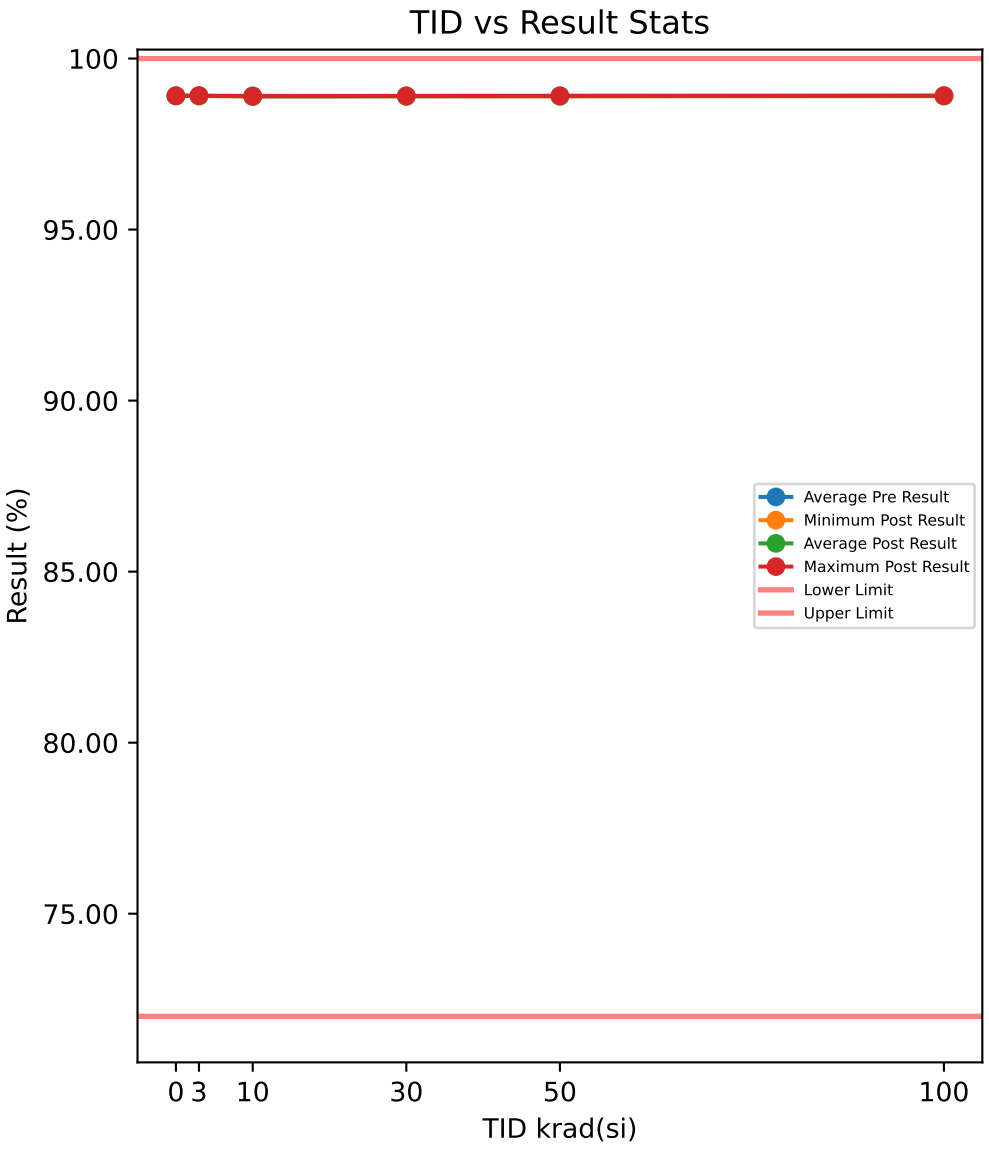
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	86.048	86.048	0
7	0	Correlation	86.152	86.152	0
16	3	LDR-Biased	86.157	86.246	0.089
18	3	LDR-Biased	86.168	86.138	-0.03
19	3	LDR-Biased	86.187	86.158	-0.029
20	3	LDR-Biased	86.041	86.274	0.233
21	3	LDR-Biased	86.276	86.095	-0.181
22	3	LDR-Unbiased	86.059	86.265	0.206
23	3	LDR-Unbiased	86.276	86.121	-0.155
25	3	LDR-Unbiased	86.2	86.002	-0.198
26	3	LDR-Unbiased	86.138	86.065	-0.073
27	3	LDR-Unbiased	86.121	86.124	0.003
46	10	LDR-Biased	86.157	86.04	-0.117
48	10	LDR-Biased	86.168	85.953	-0.215
49	10	LDR-Biased	86.187	85.988	-0.199
50	10	LDR-Biased	86.041	86.088	0.047
51	10	LDR-Biased	86.276	85.904	-0.372
52	10	LDR-Unbiased	86.059	86.061	0.002
53	10	LDR-Unbiased	86.276	85.926	-0.35
55	10	LDR-Unbiased	86.2	85.814	-0.386
56	10	LDR-Unbiased	86.138	85.895	-0.243
57	10	LDR-Unbiased	86.121	85.947	-0.174
76	30	LDR-Biased	86.157	85.894	-0.263
78	30	LDR-Biased	86.168	85.785	-0.383
79	30	LDR-Biased	86.187	85.846	-0.341
80	30	LDR-Biased	86.041	85.955	-0.086
81	30	LDR-Biased	86.276	85.838	-0.438
82	30	LDR-Unbiased	86.059	85.902	-0.157
83	30	LDR-Unbiased	86.276	85.767	-0.509
84	30	LDR-Unbiased	86.121	85.774	-0.347
85	30	LDR-Unbiased	86.2	85.624	-0.576
86	30	LDR-Unbiased	86.138	85.696	-0.442
87	100	LDR-Biased	86.167	85.409	-0.758
88	100	LDR-Biased	86.084	86.111	0.027
90	100	LDR-Biased	86.145	86.09	-0.055
91	100	LDR-Unbiased	86.098	85.34	-0.758
93	100	LDR-Unbiased	86.271	85.446	-0.825
94	100	LDR-Unbiased	86.148	85.508	-0.64
95	100	LDR-Unbiased	86.133	85.456	-0.677
96	100	LDR-Unbiased	86.11	85.425	-0.685
106	50	LDR-Biased	86.157	86.133	-0.024
108	50	LDR-Biased	86.168	85.868	-0.3
109	50	LDR-Biased	86.187	85.926	-0.261
110	50	LDR-Biased	86.041	86.061	0.02
111	50	LDR-Biased	86.276	85.86	-0.416
112	50	LDR-Unbiased	86.059	85.855	-0.204
113	50	LDR-Unbiased	86.276	85.735	-0.541
115	50	LDR-Unbiased	86.2	85.593	-0.607
116	50	LDR-Unbiased	86.138	85.63	-0.508
117	50	LDR-Unbiased	86.121	85.727	-0.394

Test Statistics (%)

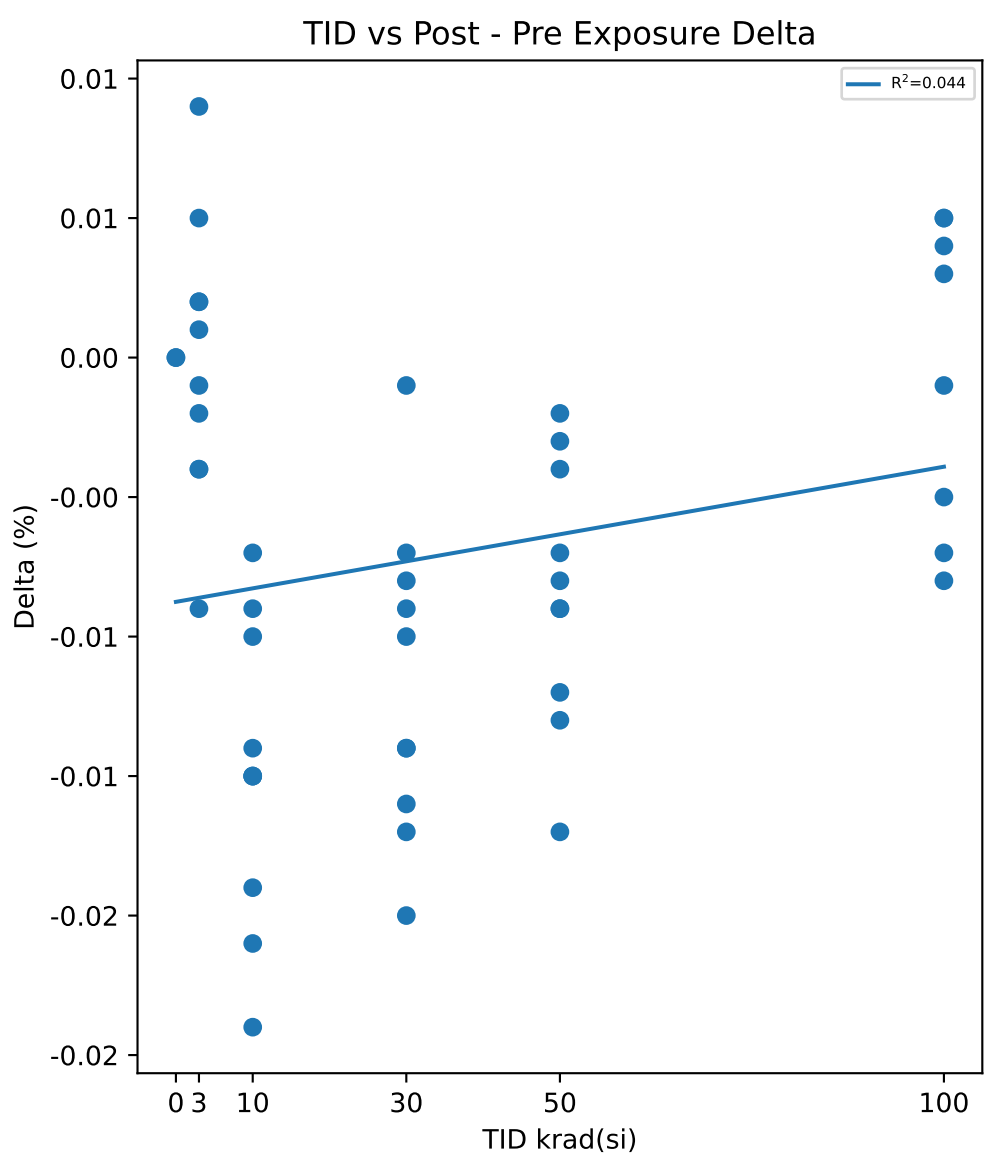
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	86.048	86.1	86.152	0.073539	86.048	86.1	86.152	0.073539	0	0	0	0
3	86.041	86.162	86.276	0.078619	86.002	86.149	86.274	0.089245	-0.198	-0.0135	0.233	0.15125
10	86.041	86.162	86.276	0.078619	85.814	85.962	86.088	0.084192	-0.386	-0.2007	0.047	0.14837
30	86.041	86.162	86.276	0.078619	85.624	85.808	85.955	0.099973	-0.576	-0.3542	-0.086	0.15205
50	86.041	86.162	86.276	0.078619	85.593	85.839	86.133	0.17397	-0.607	-0.3235	0.02	0.21126
100	86.084	86.144	86.271	0.058145	85.34	85.598	86.111	0.31369	-0.825	-0.54637	0.027	0.33433

Device Test: 6.88 VOH_10mA_EN1/EN1/7/3/0/0/10/@VOH_EN_10MA



Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

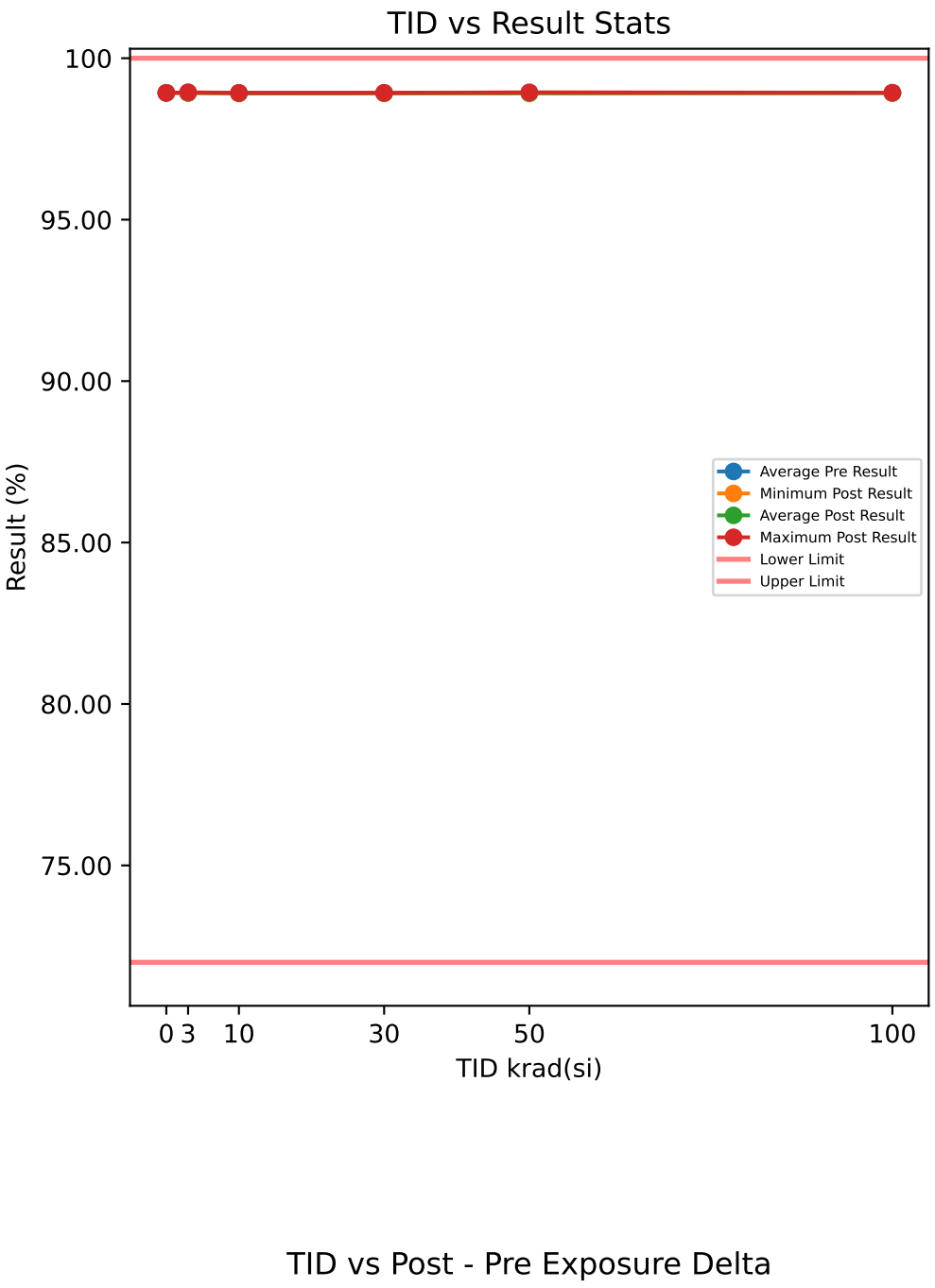
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.911	98.911	0
7	0	Correlation	98.908	98.908	0
16	3	LDR-Biased	98.913	98.909	-0.004
18	3	LDR-Biased	98.909	98.91	0.001
19	3	LDR-Biased	98.903	98.908	0.005
20	3	LDR-Biased	98.91	98.909	-0.001
21	3	LDR-Biased	98.917	98.908	-0.009
22	3	LDR-Unbiased	98.907	98.916	0.009
23	3	LDR-Unbiased	98.913	98.909	-0.004
25	3	LDR-Unbiased	98.906	98.908	0.002
26	3	LDR-Unbiased	98.903	98.905	0.002
27	3	LDR-Unbiased	98.908	98.906	-0.002
46	10	LDR-Biased	98.913	98.892	-0.021
48	10	LDR-Biased	98.909	98.894	-0.015
49	10	LDR-Biased	98.903	98.894	-0.009
50	10	LDR-Biased	98.91	98.895	-0.015
51	10	LDR-Biased	98.917	98.893	-0.024
52	10	LDR-Unbiased	98.907	98.9	-0.007
53	10	LDR-Unbiased	98.913	98.894	-0.019
55	10	LDR-Unbiased	98.906	98.892	-0.014
56	10	LDR-Unbiased	98.903	98.893	-0.01
57	10	LDR-Unbiased	98.908	98.893	-0.015
76	30	LDR-Biased	98.913	98.893	-0.02
78	30	LDR-Biased	98.909	98.893	-0.016
79	30	LDR-Biased	98.903	98.894	-0.009
80	30	LDR-Biased	98.91	98.896	-0.014
81	30	LDR-Biased	98.917	98.9	-0.017
82	30	LDR-Unbiased	98.907	98.906	-0.001
83	30	LDR-Unbiased	98.913	98.899	-0.014
84	30	LDR-Unbiased	98.908	98.898	-0.01
85	30	LDR-Unbiased	98.906	98.898	-0.008
86	30	LDR-Unbiased	98.903	98.896	-0.007
87	100	LDR-Biased	98.912	98.915	0.003
88	100	LDR-Biased	98.908	98.912	0.004
90	100	LDR-Biased	98.906	98.911	0.005
91	100	LDR-Unbiased	98.909	98.908	-0.001
93	100	LDR-Unbiased	98.917	98.909	-0.008
94	100	LDR-Unbiased	98.912	98.907	-0.005
95	100	LDR-Unbiased	98.902	98.907	0.005
96	100	LDR-Unbiased	98.907	98.9	-0.007
106	50	LDR-Biased	98.913	98.91	-0.003
108	50	LDR-Biased	98.909	98.9	-0.009
109	50	LDR-Biased	98.903	98.899	-0.004
110	50	LDR-Biased	98.91	98.901	-0.009
111	50	LDR-Biased	98.917	98.9	-0.017
112	50	LDR-Unbiased	98.907	98.905	-0.002
113	50	LDR-Unbiased	98.913	98.9	-0.013
115	50	LDR-Unbiased	98.906	98.899	-0.007
116	50	LDR-Unbiased	98.903	98.895	-0.008
117	50	LDR-Unbiased	98.908	98.896	-0.012

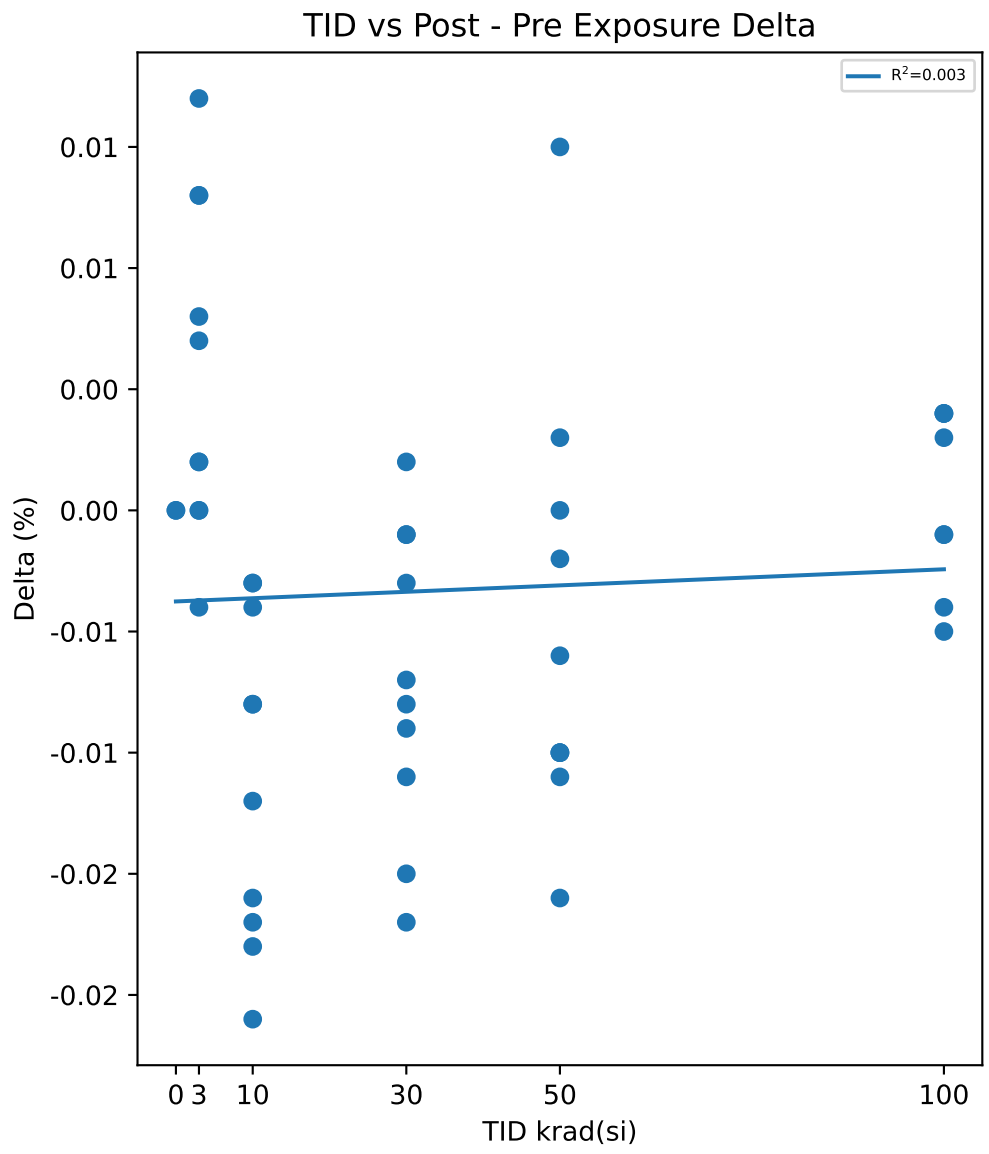


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.908	98.91	98.911	0.0021213	98.908	98.91	98.911	0.0021213	0	0	0	0
3	98.903	98.909	98.917	0.004508	98.905	98.909	98.916	0.0029364	-0.009	-0.0001	0.009	0.005087
10	98.903	98.909	98.917	0.004508	98.892	98.894	98.9	0.0023094	-0.024	-0.0149	-0.007	0.0053635
30	98.903	98.909	98.917	0.004508	98.893	98.897	98.906	0.0039172	-0.02	-0.0116	-0.001	0.0056411
50	98.903	98.909	98.917	0.004508	98.895	98.9	98.91	0.0043012	-0.017	-0.0084	-0.002	0.0047188
100	98.902	98.909	98.917	0.0045493	98.9	98.909	98.915	0.0044381	-0.008	-0.0005	0.005	0.0055032

Device Test: 6.89 VOH_10mA_EN2/EN2/7/3/0/0/10/@VOH_EN_10MA





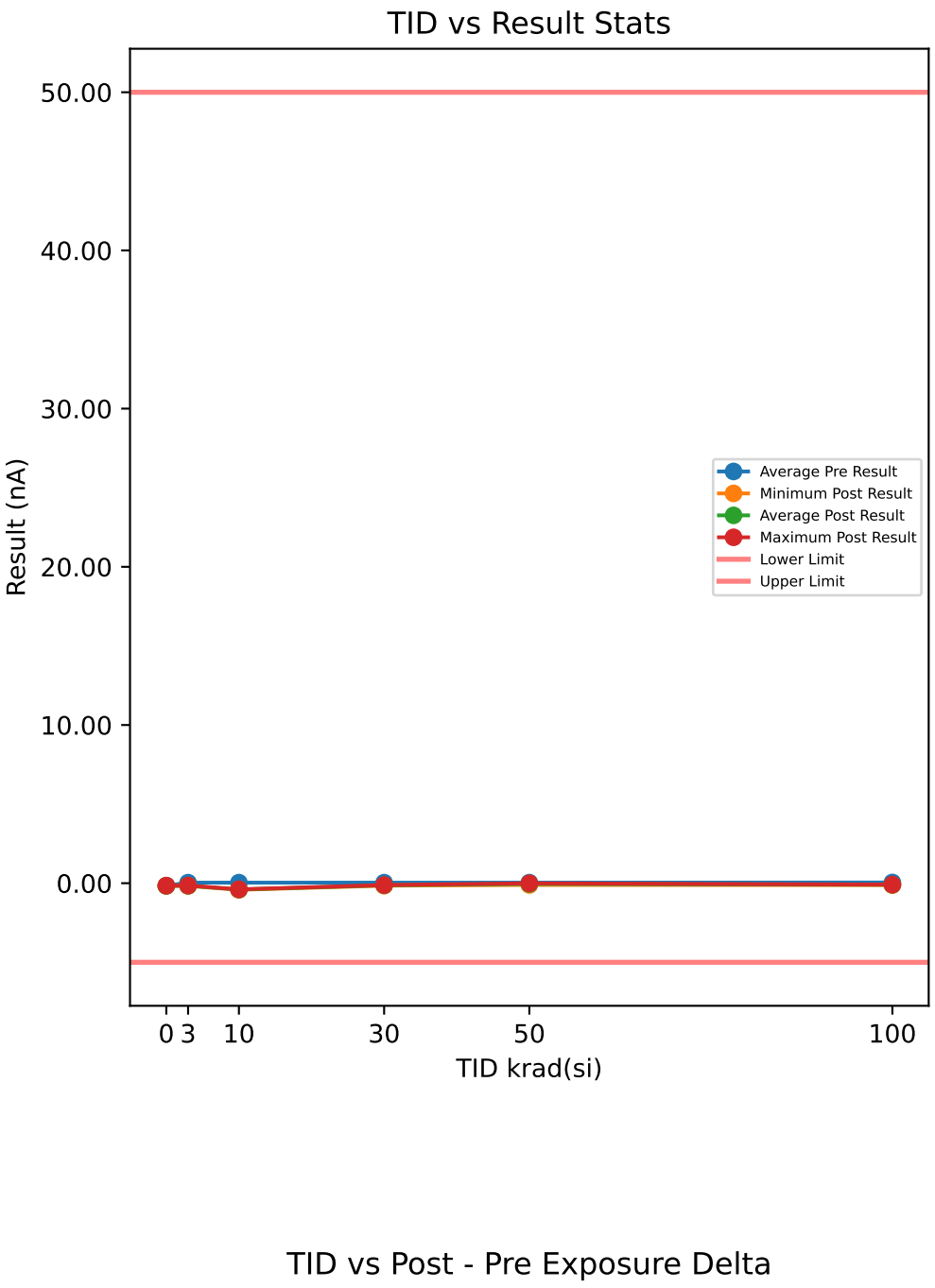
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

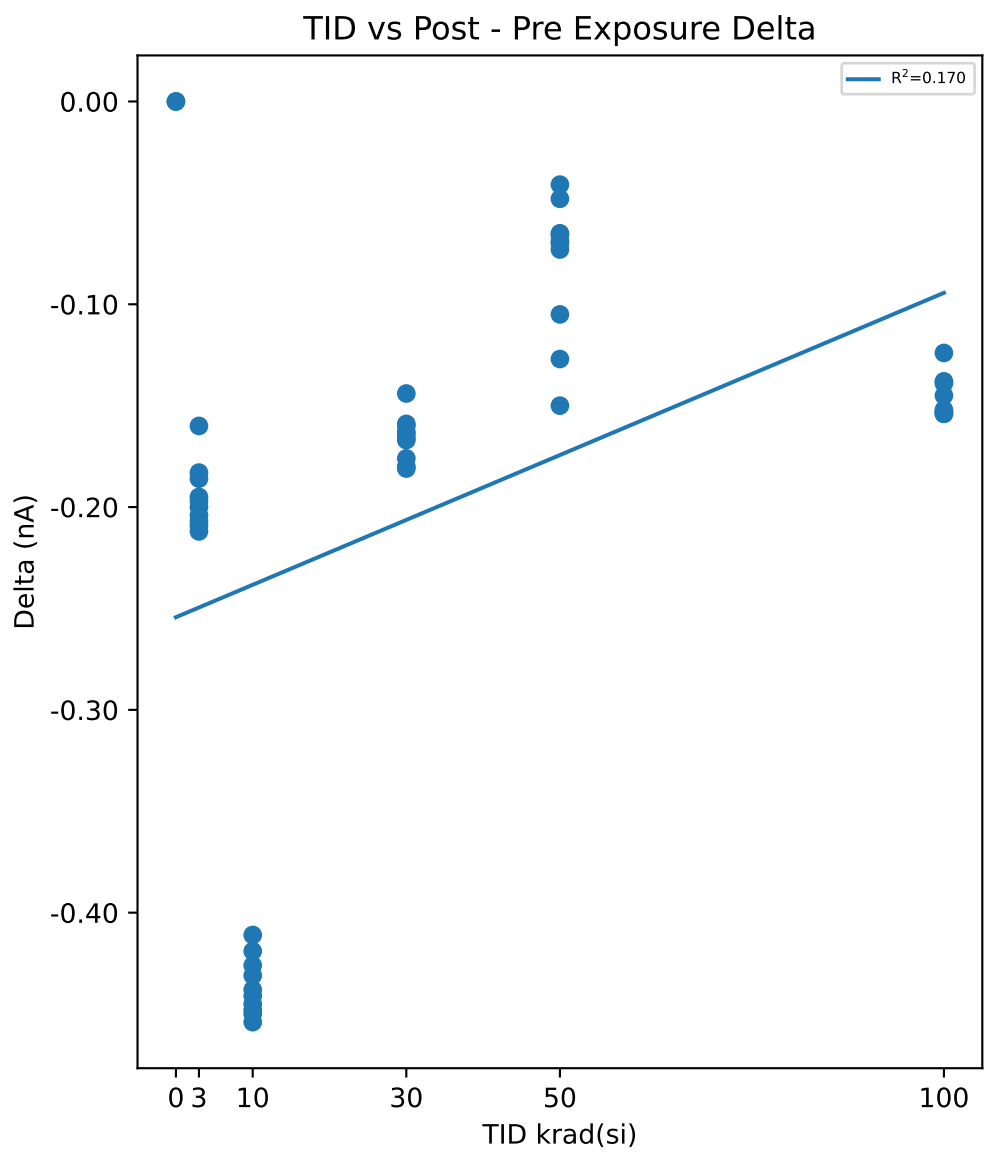
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.927	98.927	0
7	0	Correlation	98.925	98.925	0
16	3	LDR-Biased	98.929	98.946	0.017
18	3	LDR-Biased	98.933	98.935	0.002
19	3	LDR-Biased	98.922	98.93	0.008
20	3	LDR-Biased	98.927	98.94	0.013
21	3	LDR-Biased	98.931	98.931	0
22	3	LDR-Unbiased	98.921	98.934	0.013
23	3	LDR-Unbiased	98.936	98.932	-0.004
25	3	LDR-Unbiased	98.924	98.924	0
26	3	LDR-Unbiased	98.919	98.921	0.002
27	3	LDR-Unbiased	98.924	98.931	0.007
46	10	LDR-Biased	98.929	98.926	-0.003
48	10	LDR-Biased	98.933	98.917	-0.016
49	10	LDR-Biased	98.922	98.914	-0.008
50	10	LDR-Biased	98.927	98.924	-0.003
51	10	LDR-Biased	98.931	98.914	-0.017
52	10	LDR-Unbiased	98.921	98.917	-0.004
53	10	LDR-Unbiased	98.936	98.915	-0.021
55	10	LDR-Unbiased	98.924	98.906	-0.018
56	10	LDR-Unbiased	98.919	98.907	-0.012
57	10	LDR-Unbiased	98.924	98.916	-0.008
76	30	LDR-Biased	98.929	98.928	-0.001
78	30	LDR-Biased	98.933	98.916	-0.017
79	30	LDR-Biased	98.922	98.915	-0.007
80	30	LDR-Biased	98.927	98.926	-0.001
81	30	LDR-Biased	98.931	98.922	-0.009
82	30	LDR-Unbiased	98.921	98.923	0.002
83	30	LDR-Unbiased	98.936	98.921	-0.015
84	30	LDR-Unbiased	98.924	98.921	-0.003
85	30	LDR-Unbiased	98.924	98.913	-0.011
86	30	LDR-Unbiased	98.919	98.911	-0.008
87	100	LDR-Biased	98.93	98.929	-0.001
88	100	LDR-Biased	98.925	98.928	0.003
90	100	LDR-Biased	98.931	98.926	-0.005
91	100	LDR-Unbiased	98.923	98.927	0.004
93	100	LDR-Unbiased	98.931	98.927	-0.004
94	100	LDR-Unbiased	98.928	98.932	0.004
95	100	LDR-Unbiased	98.921	98.925	0.004
96	100	LDR-Unbiased	98.924	98.923	-0.001
106	50	LDR-Biased	98.929	98.944	0.015
108	50	LDR-Biased	98.933	98.923	-0.01
109	50	LDR-Biased	98.922	98.92	-0.002
110	50	LDR-Biased	98.927	98.93	0.003
111	50	LDR-Biased	98.931	98.921	-0.01
112	50	LDR-Unbiased	98.921	98.921	0
113	50	LDR-Unbiased	98.936	98.92	-0.016
115	50	LDR-Unbiased	98.924	98.913	-0.011
116	50	LDR-Unbiased	98.919	98.909	-0.01
117	50	LDR-Unbiased	98.924	98.918	-0.006

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.925	98.926	98.927	0.0014142	98.925	98.926	98.927	0.0014142	0	0	0	0
3	98.919	98.927	98.936	0.0055618	98.921	98.932	98.946	0.0071678	-0.004	0.0058	0.017	0.0068928
10	98.919	98.927	98.936	0.0055618	98.906	98.916	98.926	0.0062752	-0.021	-0.011	-0.003	0.0067165
30	98.919	98.927	98.936	0.0055618	98.911	98.92	98.928	0.0056214	-0.017	-0.007	0.002	0.0062716
50	98.919	98.927	98.936	0.0055618	98.909	98.922	98.944	0.0095737	-0.016	-0.0047	0.015	0.0090068
100	98.921	98.927	98.931	0.0038891	98.923	98.927	98.932	0.0026959	-0.005	0.0005	0.004	0.0037417

Device Test: 6.9 ILKG_SENSE1/SENSE1//3/0/0/0/@ILKG_SENSE





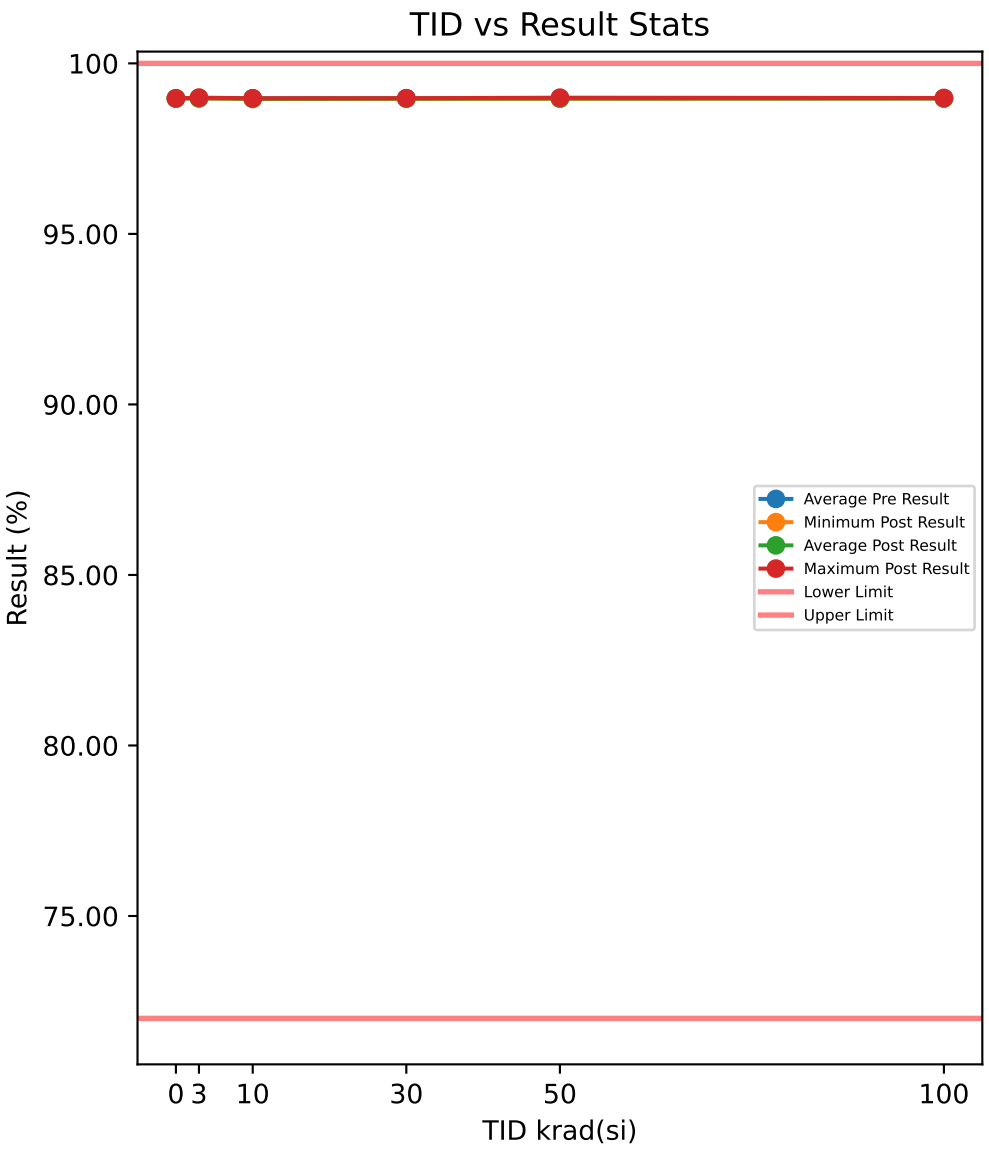
Test Results (Lower Limit = -5.0, Upper Limit = 50.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	-0.172	-0.172	0
7	0	Correlation	-0.153	-0.153	0
16	3	LDR-Biased	0.043	-0.157	-0.2
18	3	LDR-Biased	0.04	-0.169	-0.209
19	3	LDR-Biased	0.036	-0.159	-0.195
20	3	LDR-Biased	0.014	-0.146	-0.16
21	3	LDR-Biased	0.042	-0.165	-0.207
22	3	LDR-Unbiased	0.034	-0.17	-0.204
23	3	LDR-Unbiased	0.026	-0.157	-0.183
25	3	LDR-Unbiased	0.024	-0.162	-0.186
26	3	LDR-Unbiased	0.049	-0.163	-0.212
27	3	LDR-Unbiased	0.035	-0.162	-0.197
46	10	LDR-Biased	0.043	-0.388	-0.431
48	10	LDR-Biased	0.04	-0.408	-0.448
49	10	LDR-Biased	0.036	-0.418	-0.454
50	10	LDR-Biased	0.014	-0.397	-0.411
51	10	LDR-Biased	0.042	-0.396	-0.438
52	10	LDR-Unbiased	0.034	-0.411	-0.445
53	10	LDR-Unbiased	0.026	-0.393	-0.419
55	10	LDR-Unbiased	0.024	-0.402	-0.426
56	10	LDR-Unbiased	0.049	-0.392	-0.441
57	10	LDR-Unbiased	0.035	-0.415	-0.45
76	30	LDR-Biased	0.043	-0.116	-0.159
78	30	LDR-Biased	0.04	-0.14	-0.18
79	30	LDR-Biased	0.036	-0.13	-0.166
80	30	LDR-Biased	0.014	-0.13	-0.144
81	30	LDR-Biased	0.042	-0.122	-0.164
82	30	LDR-Unbiased	0.034	-0.129	-0.163
83	30	LDR-Unbiased	0.026	-0.155	-0.181
84	30	LDR-Unbiased	0.035	-0.141	-0.176
85	30	LDR-Unbiased	0.024	-0.136	-0.16
86	30	LDR-Unbiased	0.049	-0.118	-0.167
87	100	LDR-Biased	0.036	-0.088	-0.124
88	100	LDR-Biased	0.04	-0.105	-0.145
90	100	LDR-Biased	0.037	-0.117	-0.154
91	100	LDR-Unbiased	0.041	-0.098	-0.139
93	100	LDR-Unbiased	0.052	-0.101	-0.153
94	100	LDR-Unbiased	0.056	-0.098	-0.154
95	100	LDR-Unbiased	0.05	-0.088	-0.138
96	100	LDR-Unbiased	0.048	-0.104	-0.152
106	50	LDR-Biased	0.043	-0.084	-0.127
108	50	LDR-Biased	0.04	-0.11	-0.15
109	50	LDR-Biased	0.036	-0.037	-0.073
110	50	LDR-Biased	0.014	-0.034	-0.048
111	50	LDR-Biased	0.042	-0.024	-0.066
112	50	LDR-Unbiased	0.034	-0.007	-0.041
113	50	LDR-Unbiased	0.026	-0.044	-0.07
115	50	LDR-Unbiased	0.024	-0.045	-0.069
116	50	LDR-Unbiased	0.049	-0.056	-0.105
117	50	LDR-Unbiased	0.035	-0.03	-0.065

Test Statistics (nA)

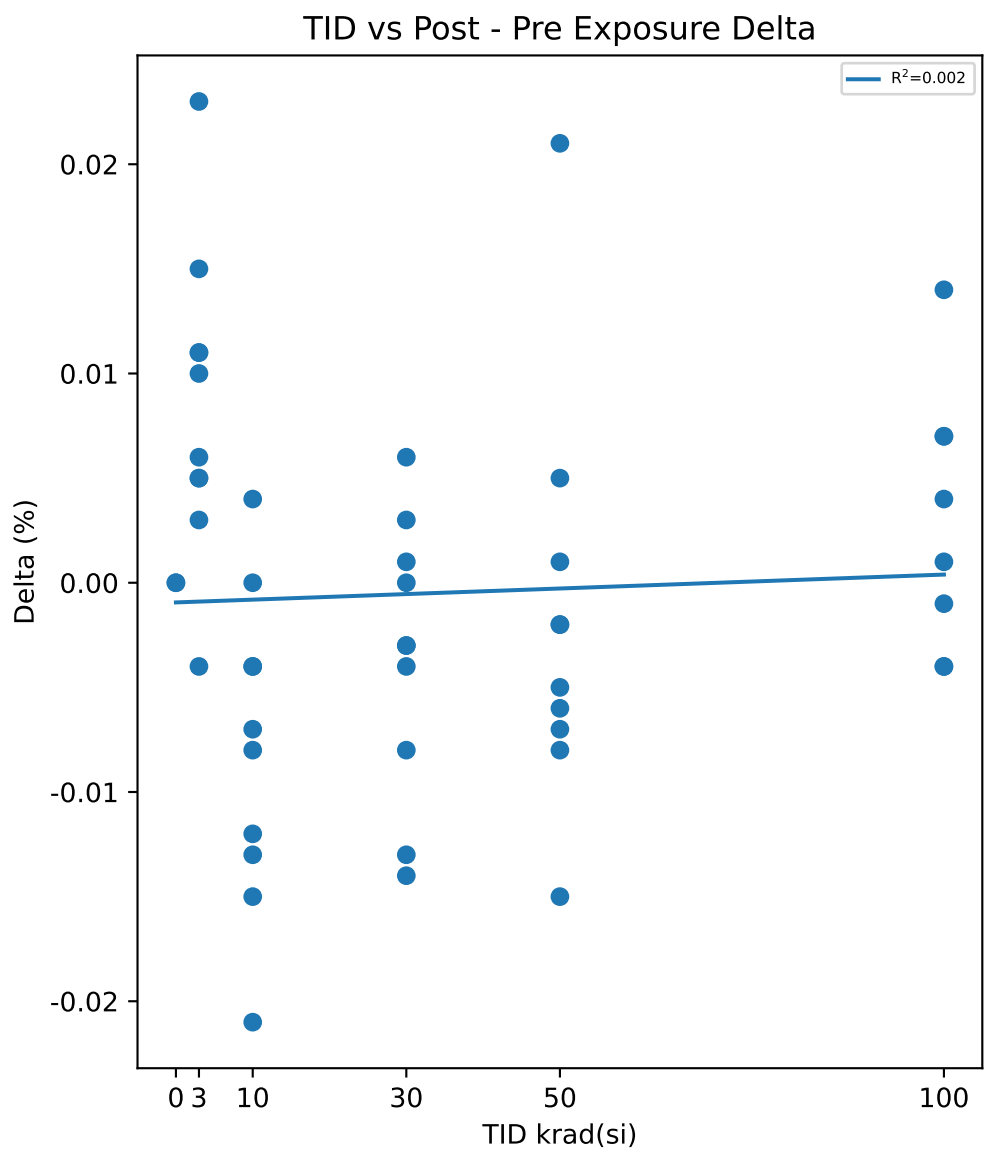
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.172	-0.1625	-0.153	0.013435	-0.172	-0.1625	-0.153	0.013435	0	0	0	0
3	0.014	0.0343	0.049	0.010404	-0.17	-0.161	-0.146	0.0068961	-0.212	-0.1953	-0.16	0.015592
10	0.014	0.0343	0.049	0.010404	-0.418	-0.402	-0.388	0.010435	-0.454	-0.4363	-0.411	0.01419
30	0.014	0.0343	0.049	0.010404	-0.155	-0.1317	-0.116	0.011823	-0.181	-0.166	-0.144	0.011075
50	0.014	0.0343	0.049	0.010404	-0.11	-0.0471	-0.007	0.030035	-0.15	-0.0814	-0.041	0.034881
100	0.036	0.045	0.056	0.0074642	-0.117	-0.099875	-0.088	0.0094633	-0.154	-0.14488	-0.124	0.010696

Device Test: 6.90 VOH_10mA_EN3/EN3/7/3/0/0/10/@VOH_EN_10MA



Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

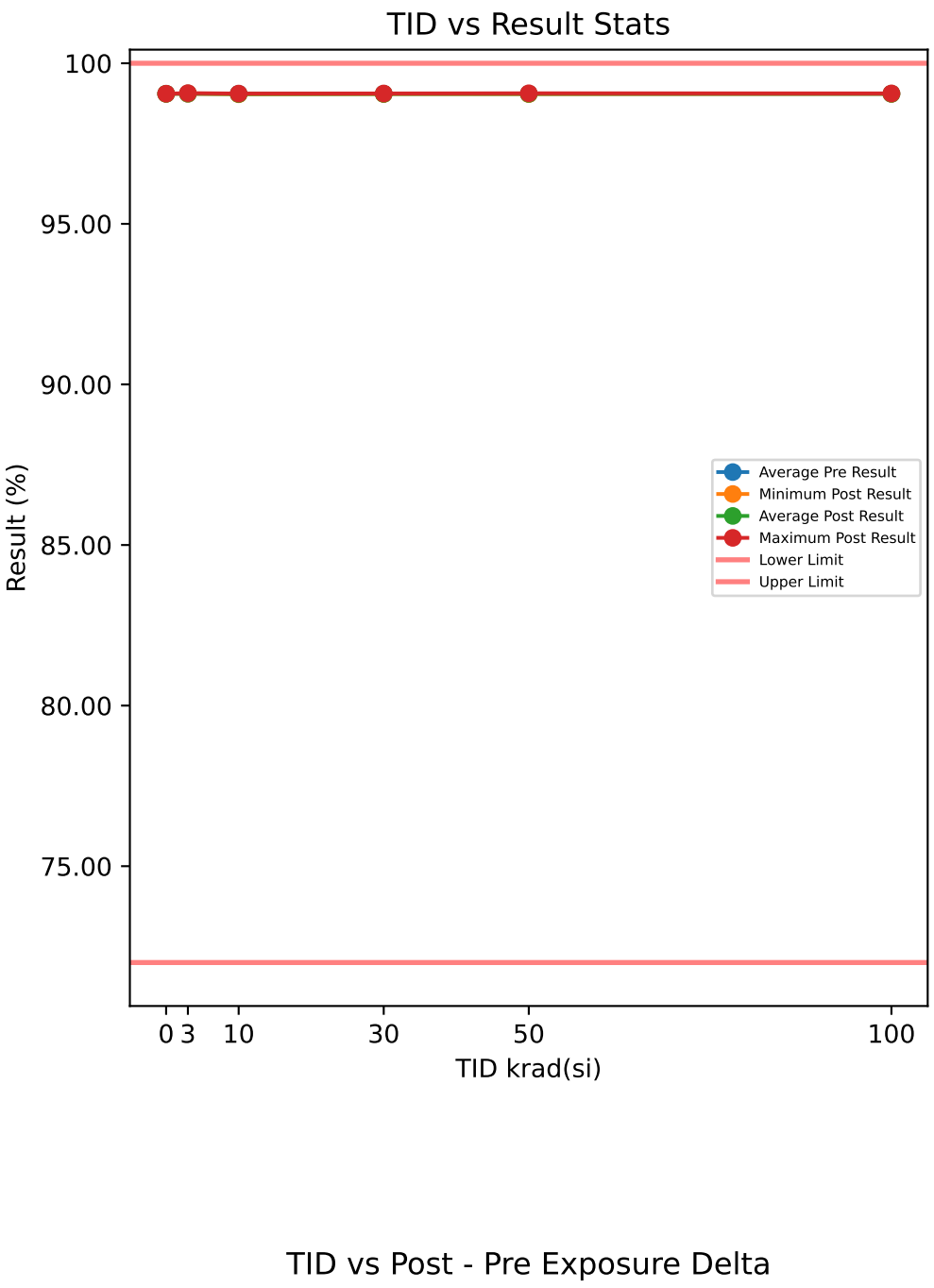
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.973	98.973	0
7	0	Correlation	98.973	98.973	0
16	3	LDR-Biased	98.973	98.996	0.023
18	3	LDR-Biased	98.979	98.984	0.005
19	3	LDR-Biased	98.968	98.979	0.011
20	3	LDR-Biased	98.975	98.99	0.015
21	3	LDR-Biased	98.976	98.981	0.005
22	3	LDR-Unbiased	98.972	98.983	0.011
23	3	LDR-Unbiased	98.985	98.981	-0.004
25	3	LDR-Unbiased	98.971	98.974	0.003
26	3	LDR-Unbiased	98.971	98.977	0.006
27	3	LDR-Unbiased	98.972	98.982	0.01
46	10	LDR-Biased	98.973	98.977	0.004
48	10	LDR-Biased	98.979	98.966	-0.013
49	10	LDR-Biased	98.968	98.964	-0.004
50	10	LDR-Biased	98.975	98.975	0
51	10	LDR-Biased	98.976	98.964	-0.012
52	10	LDR-Unbiased	98.972	98.965	-0.007
53	10	LDR-Unbiased	98.985	98.964	-0.021
55	10	LDR-Unbiased	98.971	98.956	-0.015
56	10	LDR-Unbiased	98.971	98.963	-0.008
57	10	LDR-Unbiased	98.972	98.968	-0.004
76	30	LDR-Biased	98.973	98.979	0.006
78	30	LDR-Biased	98.979	98.966	-0.013
79	30	LDR-Biased	98.968	98.965	-0.003
80	30	LDR-Biased	98.975	98.978	0.003
81	30	LDR-Biased	98.976	98.972	-0.004
82	30	LDR-Unbiased	98.972	98.972	0
83	30	LDR-Unbiased	98.985	98.971	-0.014
84	30	LDR-Unbiased	98.972	98.973	0.001
85	30	LDR-Unbiased	98.971	98.963	-0.008
86	30	LDR-Unbiased	98.971	98.968	-0.003
87	100	LDR-Biased	98.979	98.975	-0.004
88	100	LDR-Biased	98.969	98.973	0.004
90	100	LDR-Biased	98.976	98.972	-0.004
91	100	LDR-Unbiased	98.973	98.974	0.001
93	100	LDR-Unbiased	98.976	98.975	-0.001
94	100	LDR-Unbiased	98.972	98.986	0.014
95	100	LDR-Unbiased	98.97	98.977	0.007
96	100	LDR-Unbiased	98.972	98.979	0.007
106	50	LDR-Biased	98.973	98.994	0.021
108	50	LDR-Biased	98.979	98.972	-0.007
109	50	LDR-Biased	98.968	98.969	0.001
110	50	LDR-Biased	98.975	98.98	0.005
111	50	LDR-Biased	98.976	98.971	-0.005
112	50	LDR-Unbiased	98.972	98.97	-0.002
113	50	LDR-Unbiased	98.985	98.97	-0.015
115	50	LDR-Unbiased	98.971	98.963	-0.008
116	50	LDR-Unbiased	98.971	98.965	-0.006
117	50	LDR-Unbiased	98.972	98.97	-0.002

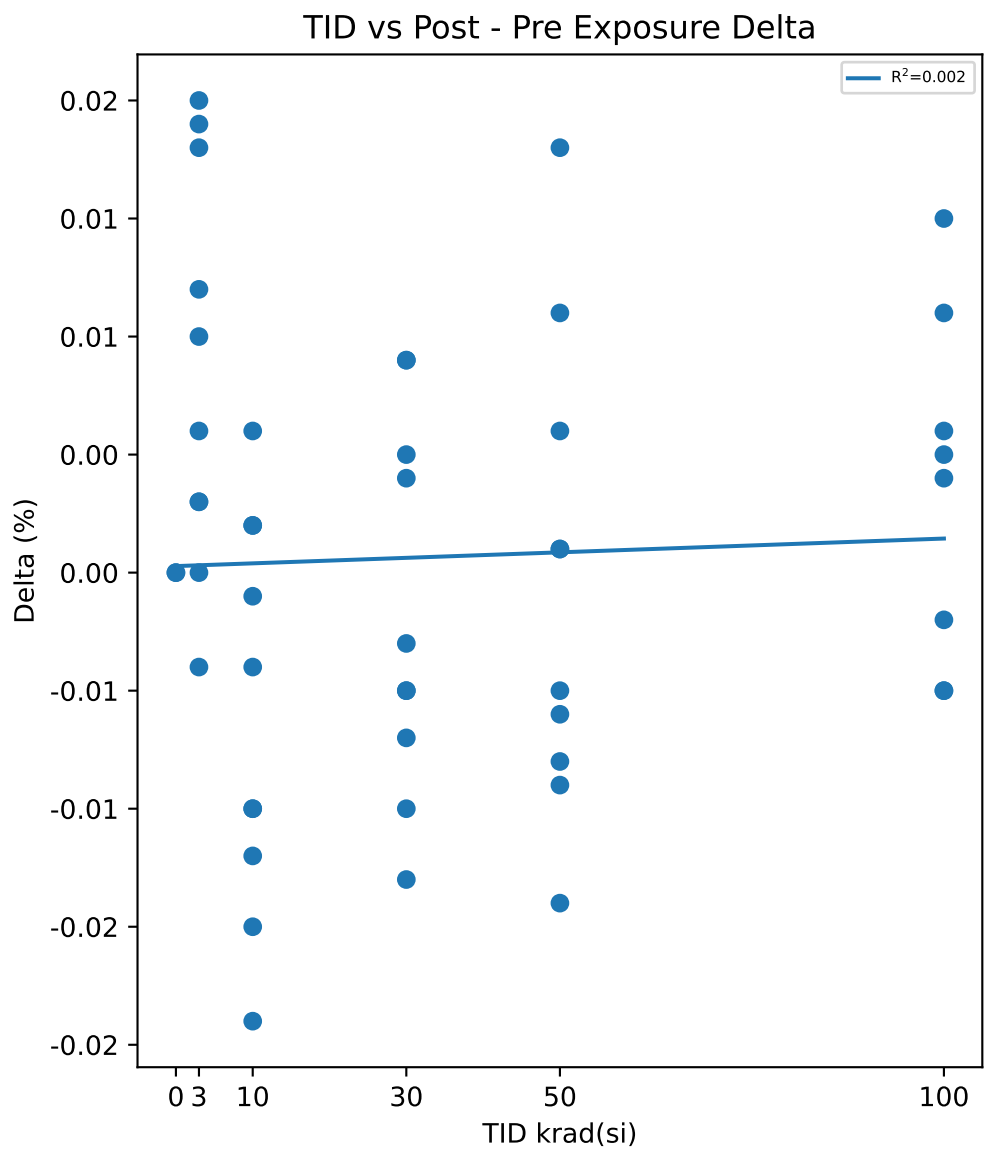


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.973	98.973	98.973	0	98.973	98.973	98.973	0	0	0	0	0
3	98.968	98.974	98.985	0.0048717	98.974	98.983	98.996	0.0063254	-0.004	0.0085	0.023	0.0073371
10	98.968	98.974	98.985	0.0048717	98.956	98.966	98.977	0.0060332	-0.021	-0.008	0.004	0.0074536
30	98.968	98.974	98.985	0.0048717	98.963	98.971	98.979	0.0052926	-0.014	-0.0035	0.006	0.0065532
50	98.968	98.974	98.985	0.0048717	98.963	98.972	98.994	0.0088091	-0.015	-0.0018	0.021	0.0096701
100	98.969	98.973	98.979	0.003378	98.972	98.976	98.986	0.0044701	-0.004	0.003	0.014	0.0062335

Device Test: 6.91 VOH_10mA_EN4/EN4/7/3/0/0/10/@VOH_EN_10MA





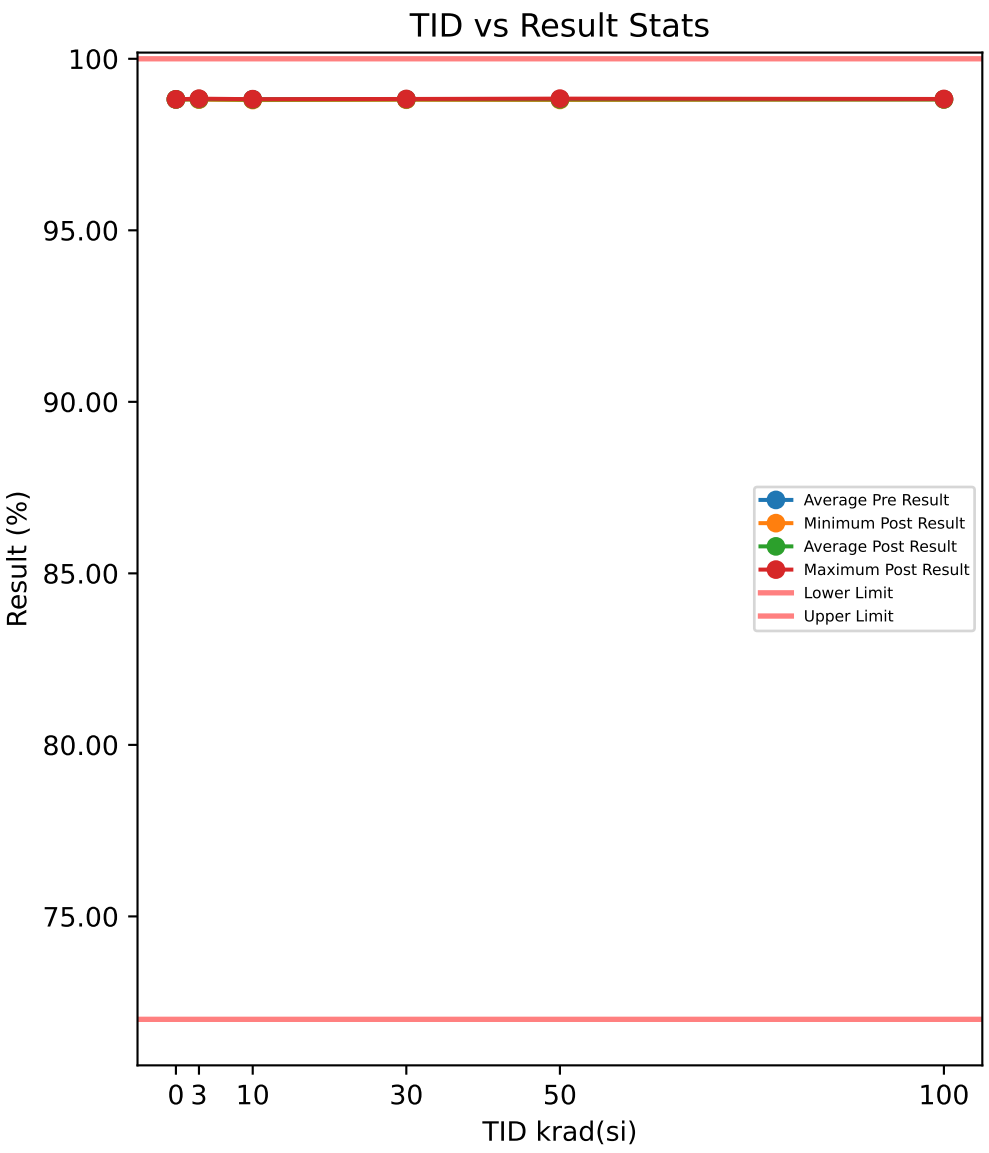
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.048	99.048	0
7	0	Correlation	99.053	99.053	0
16	3	LDR-Biased	99.047	99.066	0.019
18	3	LDR-Biased	99.054	99.06	0.006
19	3	LDR-Biased	99.045	99.055	0.01
20	3	LDR-Biased	99.05	99.07	0.02
21	3	LDR-Biased	99.055	99.055	0
22	3	LDR-Unbiased	99.044	99.062	0.018
23	3	LDR-Unbiased	99.059	99.055	-0.004
25	3	LDR-Unbiased	99.047	99.05	0.003
26	3	LDR-Unbiased	99.048	99.051	0.003
27	3	LDR-Unbiased	99.047	99.059	0.012
46	10	LDR-Biased	99.047	99.049	0.002
48	10	LDR-Biased	99.054	99.044	-0.01
49	10	LDR-Biased	99.045	99.041	-0.004
50	10	LDR-Biased	99.05	99.056	0.006
51	10	LDR-Biased	99.055	99.04	-0.015
52	10	LDR-Unbiased	99.044	99.046	0.002
53	10	LDR-Unbiased	99.059	99.04	-0.019
55	10	LDR-Unbiased	99.047	99.035	-0.012
56	10	LDR-Unbiased	99.048	99.038	-0.01
57	10	LDR-Unbiased	99.047	99.046	-0.001
76	30	LDR-Biased	99.047	99.052	0.005
78	30	LDR-Biased	99.054	99.044	-0.01
79	30	LDR-Biased	99.045	99.042	-0.003
80	30	LDR-Biased	99.05	99.059	0.009
81	30	LDR-Biased	99.055	99.048	-0.007
82	30	LDR-Unbiased	99.044	99.053	0.009
83	30	LDR-Unbiased	99.059	99.046	-0.013
84	30	LDR-Unbiased	99.047	99.051	0.004
85	30	LDR-Unbiased	99.047	99.042	-0.005
86	30	LDR-Unbiased	99.048	99.043	-0.005
87	100	LDR-Biased	99.054	99.052	-0.002
88	100	LDR-Biased	99.042	99.048	0.006
90	100	LDR-Biased	99.052	99.047	-0.005
91	100	LDR-Unbiased	99.046	99.05	0.004
93	100	LDR-Unbiased	99.055	99.05	-0.005
94	100	LDR-Unbiased	99.046	99.061	0.015
95	100	LDR-Unbiased	99.049	99.054	0.005
96	100	LDR-Unbiased	99.046	99.057	0.011
106	50	LDR-Biased	99.047	99.065	0.018
108	50	LDR-Biased	99.054	99.049	-0.005
109	50	LDR-Biased	99.045	99.046	0.001
110	50	LDR-Biased	99.05	99.061	0.011
111	50	LDR-Biased	99.055	99.046	-0.009
112	50	LDR-Unbiased	99.044	99.05	0.006
113	50	LDR-Unbiased	99.059	99.045	-0.014
115	50	LDR-Unbiased	99.047	99.041	-0.006
116	50	LDR-Unbiased	99.048	99.04	-0.008
117	50	LDR-Unbiased	99.047	99.048	0.001

Test Statistics (%)

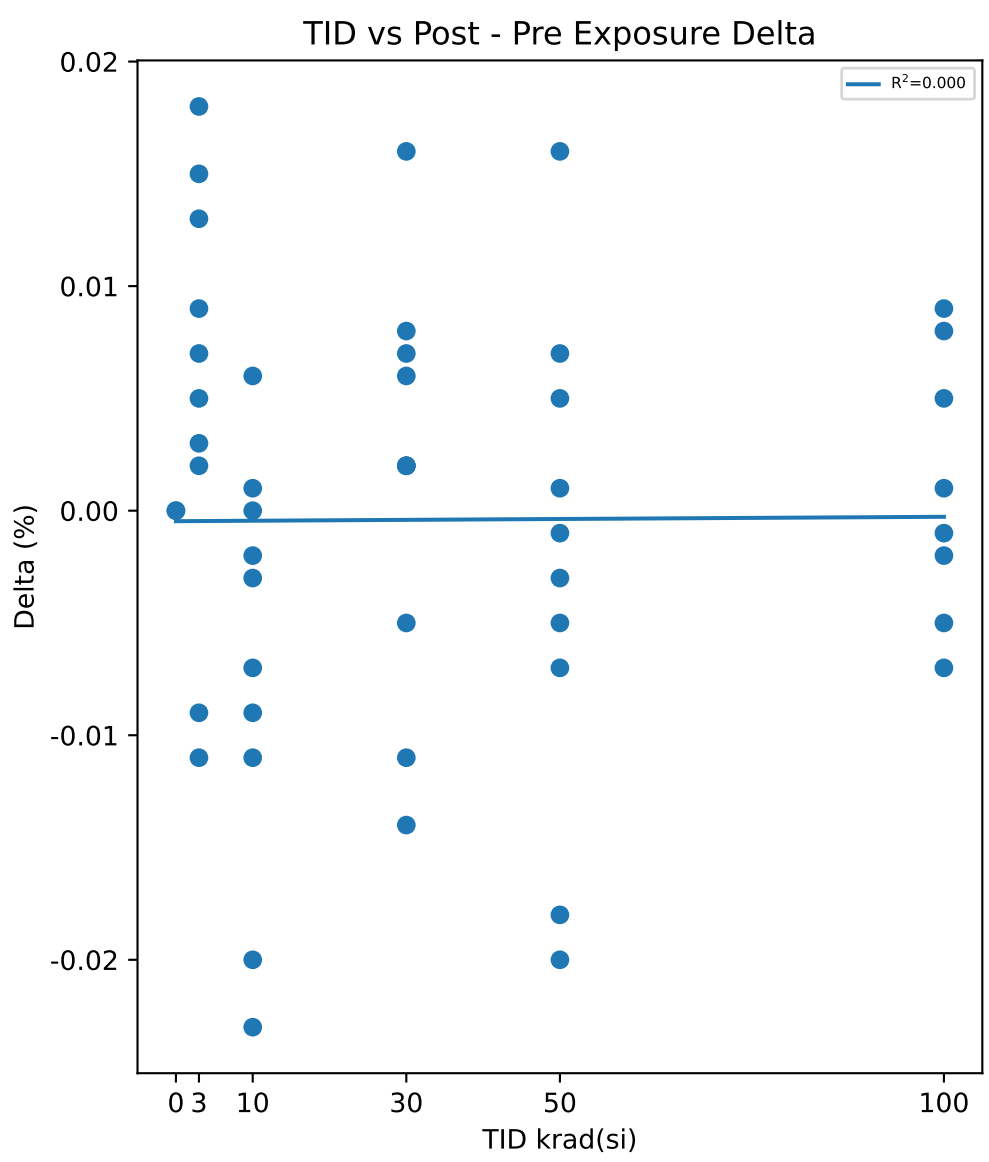
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.048	99.05	99.053	0.0035355	99.048	99.05	99.053	0.0035355	0	0	0	0
3	99.044	99.05	99.059	0.004858	99.05	99.058	99.07	0.0063953	-0.004	0.0087	0.02	0.0084466
10	99.044	99.05	99.059	0.004858	99.035	99.044	99.056	0.0060782	-0.019	-0.0061	0.006	0.0082926
30	99.044	99.05	99.059	0.004858	99.042	99.048	99.059	0.0056569	-0.013	-0.0016	0.009	0.0078486
50	99.044	99.05	99.059	0.004858	99.04	99.049	99.065	0.008034	-0.014	-0.0005	0.018	0.0099023
100	99.042	99.049	99.055	0.0045591	99.047	99.052	99.061	0.0047491	-0.005	0.003625	0.015	0.0072887

Device Test: 6.92 VOH_10mA_SEQ/SEQ_DONE/7/3/0/0/10/@VOH_SEQ_DONE_10MA



Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

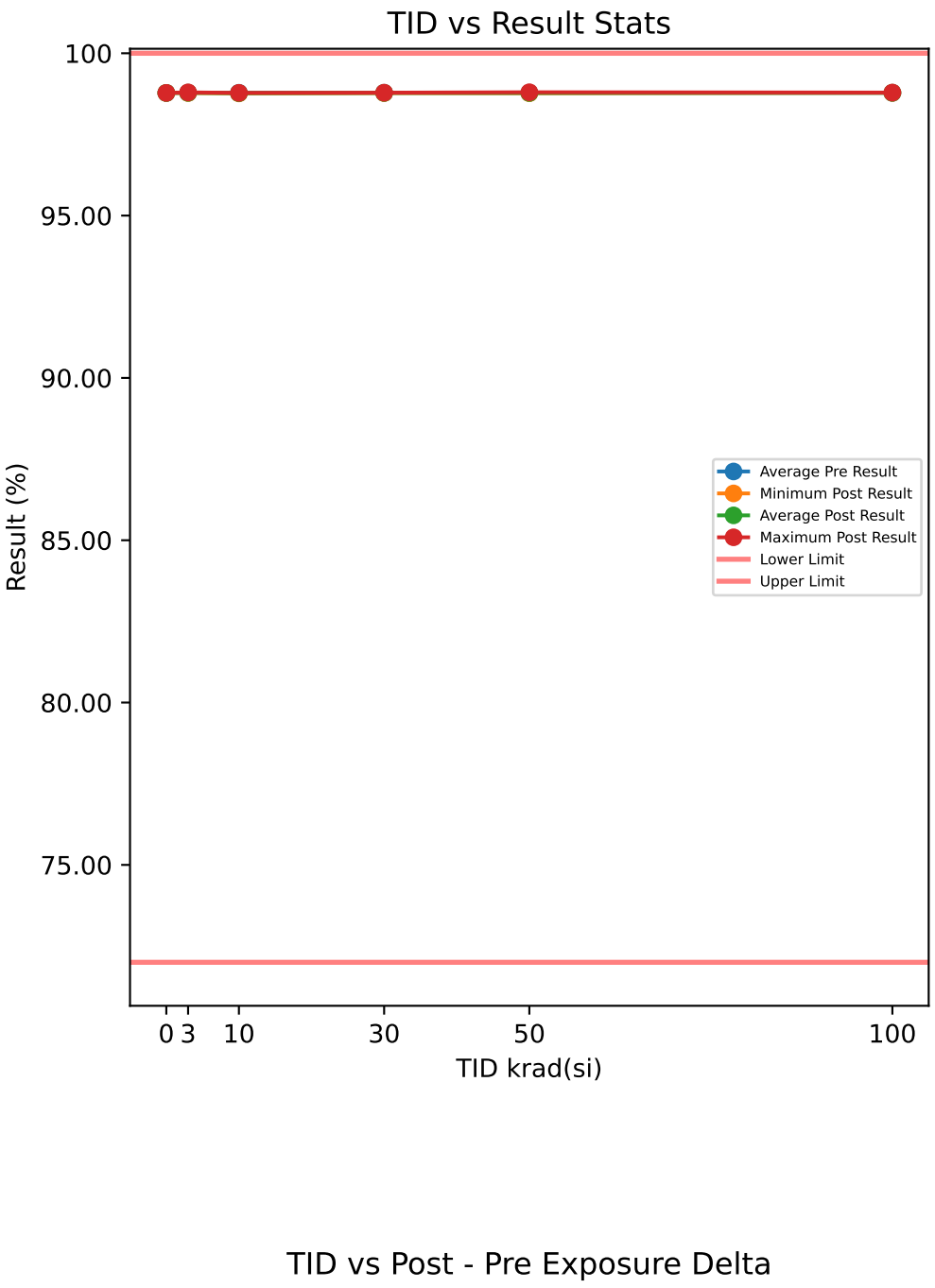
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.816	98.816	0
7	0	Correlation	98.819	98.819	0
16	3	LDR-Biased	98.823	98.838	0.015
18	3	LDR-Biased	98.824	98.829	0.005
19	3	LDR-Biased	98.814	98.823	0.009
20	3	LDR-Biased	98.818	98.831	0.013
21	3	LDR-Biased	98.822	98.824	0.002
22	3	LDR-Unbiased	98.813	98.831	0.018
23	3	LDR-Unbiased	98.83	98.821	-0.009
25	3	LDR-Unbiased	98.82	98.809	-0.011
26	3	LDR-Unbiased	98.816	98.819	0.003
27	3	LDR-Unbiased	98.814	98.821	0.007
46	10	LDR-Biased	98.823	98.823	0
48	10	LDR-Biased	98.824	98.815	-0.009
49	10	LDR-Biased	98.814	98.812	-0.002
50	10	LDR-Biased	98.818	98.819	0.001
51	10	LDR-Biased	98.822	98.811	-0.011
52	10	LDR-Unbiased	98.813	98.819	0.006
53	10	LDR-Unbiased	98.83	98.81	-0.02
55	10	LDR-Unbiased	98.82	98.797	-0.023
56	10	LDR-Unbiased	98.816	98.809	-0.007
57	10	LDR-Unbiased	98.814	98.811	-0.003
76	30	LDR-Biased	98.823	98.829	0.006
78	30	LDR-Biased	98.824	98.819	-0.005
79	30	LDR-Biased	98.814	98.816	0.002
80	30	LDR-Biased	98.818	98.826	0.008
81	30	LDR-Biased	98.822	98.824	0.002
82	30	LDR-Unbiased	98.813	98.829	0.016
83	30	LDR-Unbiased	98.83	98.819	-0.011
84	30	LDR-Unbiased	98.814	98.821	0.007
85	30	LDR-Unbiased	98.82	98.806	-0.014
86	30	LDR-Unbiased	98.816	98.818	0.002
87	100	LDR-Biased	98.822	98.82	-0.002
88	100	LDR-Biased	98.817	98.816	-0.001
90	100	LDR-Biased	98.822	98.815	-0.007
91	100	LDR-Unbiased	98.816	98.821	0.005
93	100	LDR-Unbiased	98.821	98.816	-0.005
94	100	LDR-Unbiased	98.821	98.829	0.008
95	100	LDR-Unbiased	98.82	98.821	0.001
96	100	LDR-Unbiased	98.813	98.822	0.009
106	50	LDR-Biased	98.823	98.839	0.016
108	50	LDR-Biased	98.824	98.821	-0.003
109	50	LDR-Biased	98.814	98.815	0.001
110	50	LDR-Biased	98.818	98.823	0.005
111	50	LDR-Biased	98.822	98.817	-0.005
112	50	LDR-Unbiased	98.813	98.82	0.007
113	50	LDR-Unbiased	98.83	98.812	-0.018
115	50	LDR-Unbiased	98.82	98.8	-0.02
116	50	LDR-Unbiased	98.816	98.809	-0.007
117	50	LDR-Unbiased	98.814	98.813	-0.001

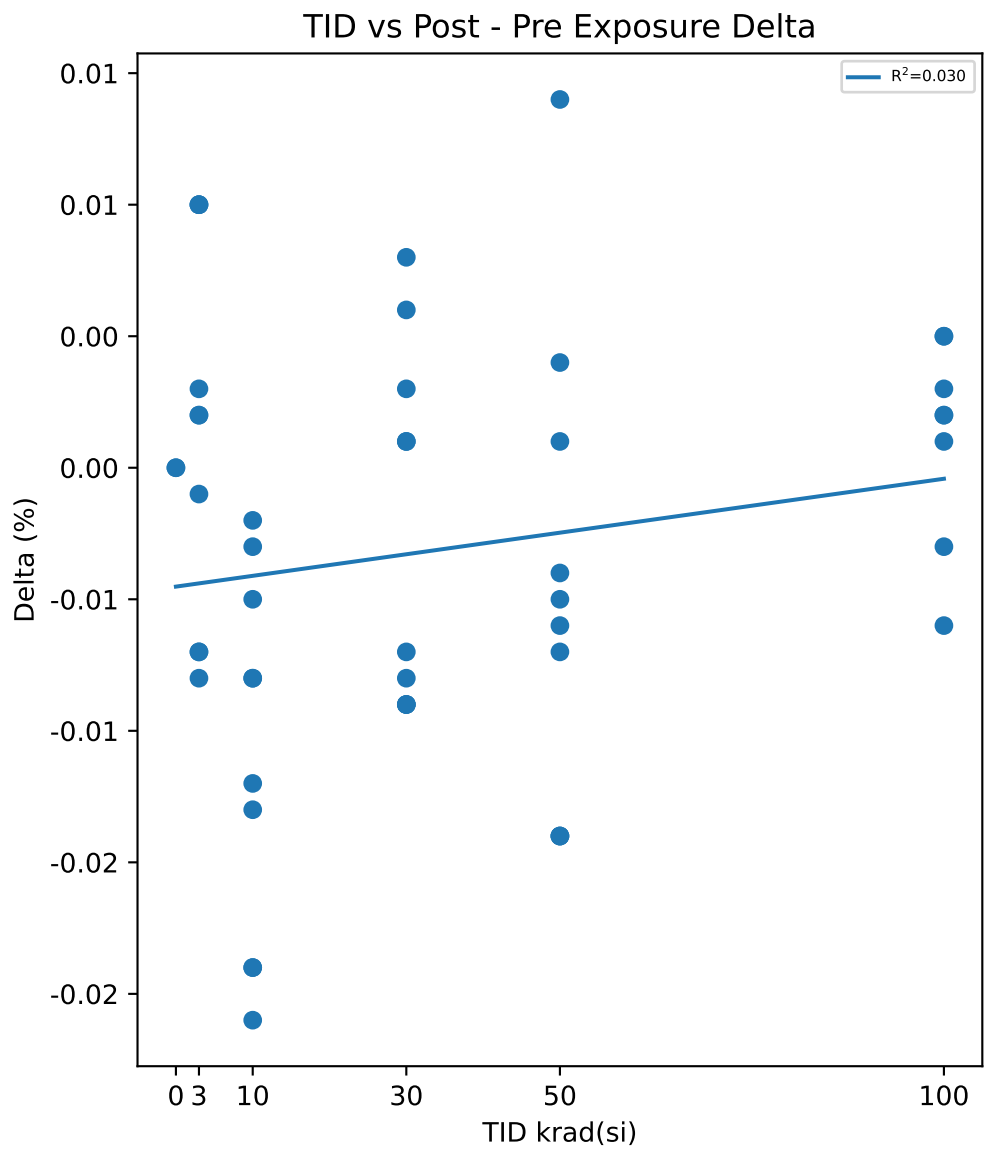


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.816	98.817	98.819	0.0021213	98.816	98.817	98.819	0.0021213	0	0	0	0
3	98.813	98.819	98.83	0.0054406	98.809	98.825	98.838	0.0080581	-0.011	0.0052	0.018	0.0095312
10	98.813	98.819	98.83	0.0054406	98.797	98.813	98.823	0.0071833	-0.023	-0.0068	0.006	0.0092352
30	98.813	98.819	98.83	0.0054406	98.806	98.821	98.829	0.0068969	-0.014	0.0013	0.016	0.0090805
50	98.813	98.819	98.83	0.0054406	98.8	98.817	98.839	0.010236	-0.02	-0.0025	0.016	0.010937
100	98.813	98.819	98.822	0.003295	98.815	98.82	98.829	0.0045356	-0.007	0.001	0.009	0.0058797

Device Test: 6.93 VOH_10mA_PWRGD/PWRGD/7/3/0/0/10/@VOH_PWRGD_10MA





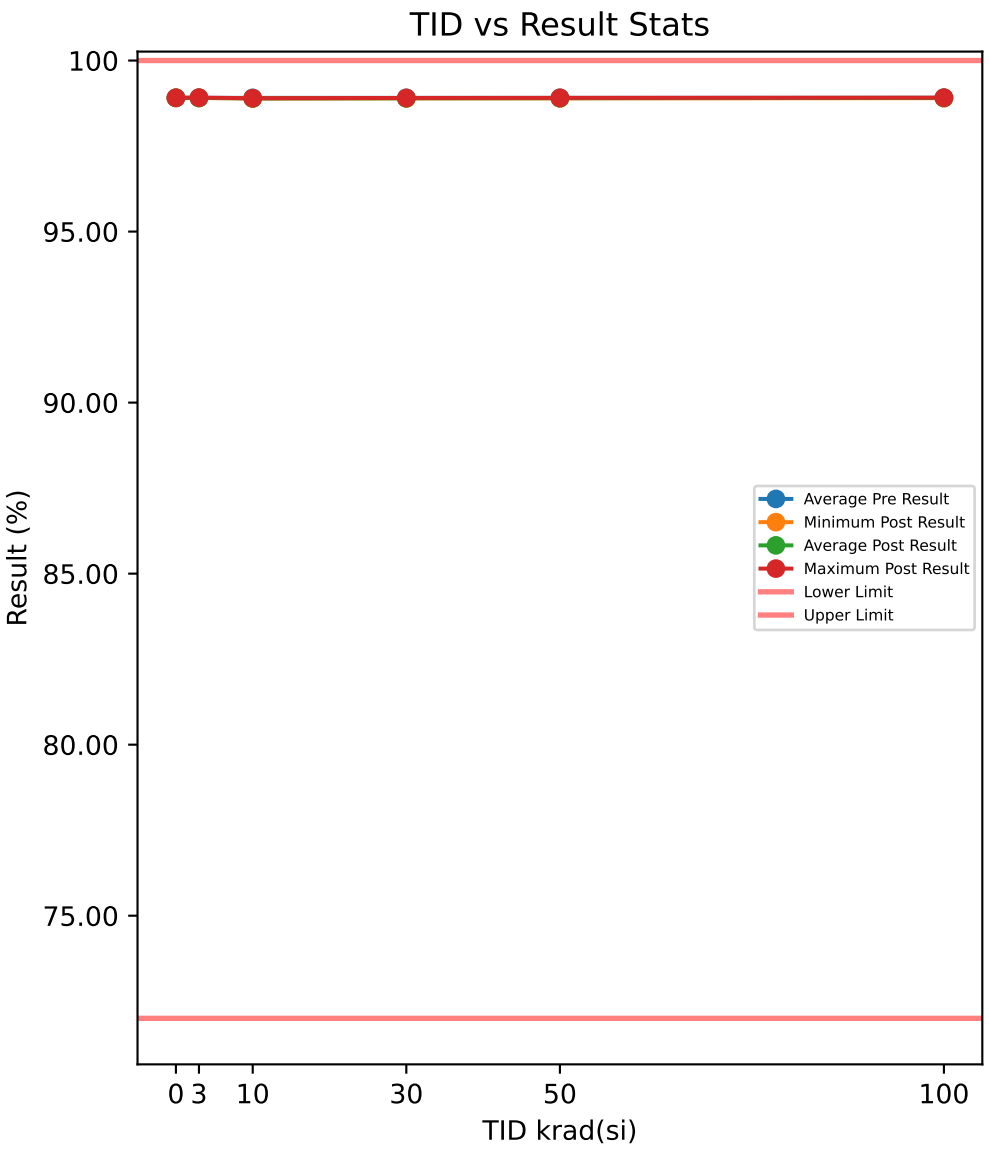
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

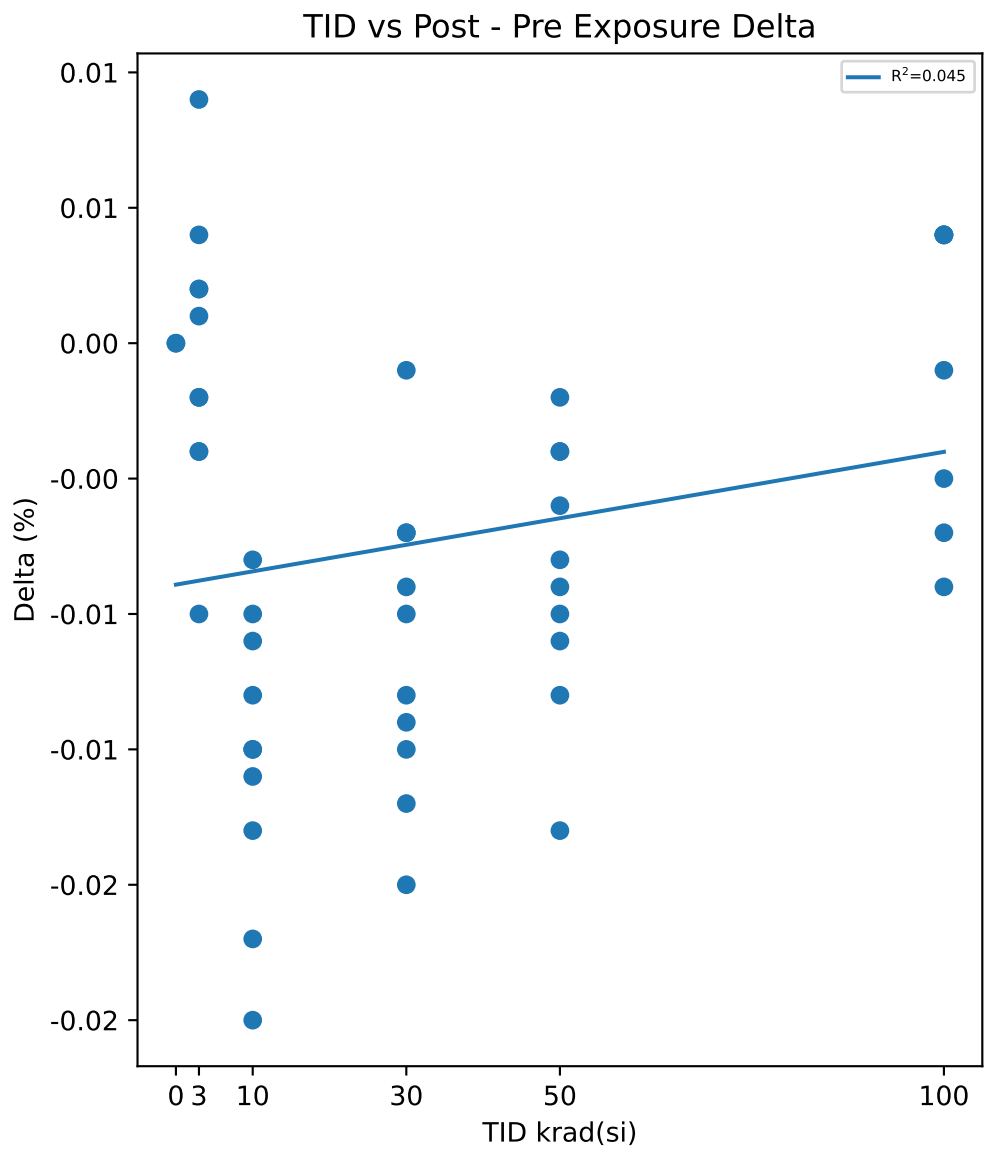
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.779	98.779	0
7	0	Correlation	98.777	98.777	0
16	3	LDR-Biased	98.785	98.795	0.01
18	3	LDR-Biased	98.786	98.788	0.002
19	3	LDR-Biased	98.781	98.78	-0.001
20	3	LDR-Biased	98.778	98.788	0.01
21	3	LDR-Biased	98.787	98.779	-0.008
22	3	LDR-Unbiased	98.778	98.788	0.01
23	3	LDR-Unbiased	98.789	98.782	-0.007
25	3	LDR-Unbiased	98.783	98.776	-0.007
26	3	LDR-Unbiased	98.778	98.78	0.002
27	3	LDR-Unbiased	98.778	98.781	0.003
46	10	LDR-Biased	98.785	98.78	-0.005
48	10	LDR-Biased	98.786	98.774	-0.012
49	10	LDR-Biased	98.781	98.768	-0.013
50	10	LDR-Biased	98.778	98.776	-0.002
51	10	LDR-Biased	98.787	98.766	-0.021
52	10	LDR-Unbiased	98.778	98.775	-0.003
53	10	LDR-Unbiased	98.789	98.77	-0.019
55	10	LDR-Unbiased	98.783	98.764	-0.019
56	10	LDR-Unbiased	98.778	98.77	-0.008
57	10	LDR-Unbiased	98.778	98.77	-0.008
76	30	LDR-Biased	98.785	98.786	0.001
78	30	LDR-Biased	98.786	98.778	-0.008
79	30	LDR-Biased	98.781	98.774	-0.007
80	30	LDR-Biased	98.778	98.784	0.006
81	30	LDR-Biased	98.787	98.778	-0.009
82	30	LDR-Unbiased	98.778	98.786	0.008
83	30	LDR-Unbiased	98.789	98.78	-0.009
84	30	LDR-Unbiased	98.778	98.781	0.003
85	30	LDR-Unbiased	98.783	98.774	-0.009
86	30	LDR-Unbiased	98.778	98.779	0.001
87	100	LDR-Biased	98.781	98.783	0.002
88	100	LDR-Biased	98.78	98.782	0.002
90	100	LDR-Biased	98.784	98.781	-0.003
91	100	LDR-Unbiased	98.781	98.782	0.001
93	100	LDR-Unbiased	98.787	98.781	-0.006
94	100	LDR-Unbiased	98.784	98.789	0.005
95	100	LDR-Unbiased	98.779	98.782	0.003
96	100	LDR-Unbiased	98.778	98.783	0.005
106	50	LDR-Biased	98.785	98.799	0.014
108	50	LDR-Biased	98.786	98.781	-0.005
109	50	LDR-Biased	98.781	98.774	-0.007
110	50	LDR-Biased	98.778	98.782	0.004
111	50	LDR-Biased	98.787	98.773	-0.014
112	50	LDR-Unbiased	98.778	98.779	0.001
113	50	LDR-Unbiased	98.789	98.775	-0.014
115	50	LDR-Unbiased	98.783	98.769	-0.014
116	50	LDR-Unbiased	98.778	98.772	-0.006
117	50	LDR-Unbiased	98.778	98.774	-0.004

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.777	98.778	98.779	0.0014142	98.777	98.778	98.779	0.0014142	0	0	0	0
3	98.778	98.782	98.789	0.0042701	98.776	98.784	98.795	0.0057937	-0.008	0.0014	0.01	0.0071523
10	98.778	98.782	98.789	0.0042701	98.764	98.771	98.78	0.0049001	-0.021	-0.011	-0.002	0.0069282
30	98.778	98.782	98.789	0.0042701	98.774	98.78	98.786	0.0043461	-0.009	-0.0023	0.008	0.0067831
50	98.778	98.782	98.789	0.0042701	98.769	98.778	98.799	0.0084958	-0.014	-0.0045	0.014	0.0089722
100	98.778	98.782	98.787	0.0030119	98.781	98.783	98.789	0.0025877	-0.006	0.001125	0.005	0.0038336

Device Test: 6.94 VOH_10mA_EN1/EN1/7/14/0/0/10/@VOH_EN_10MA





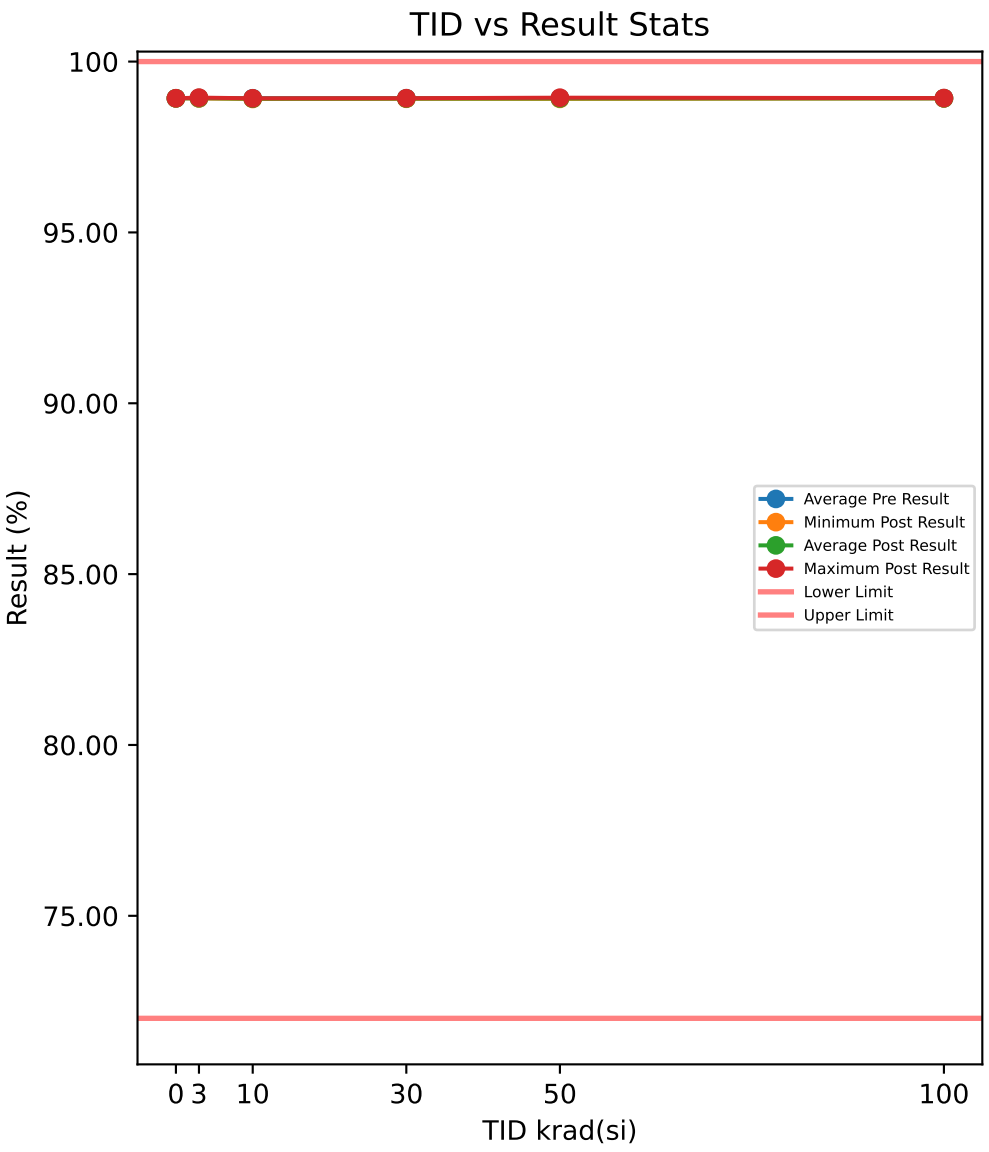
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

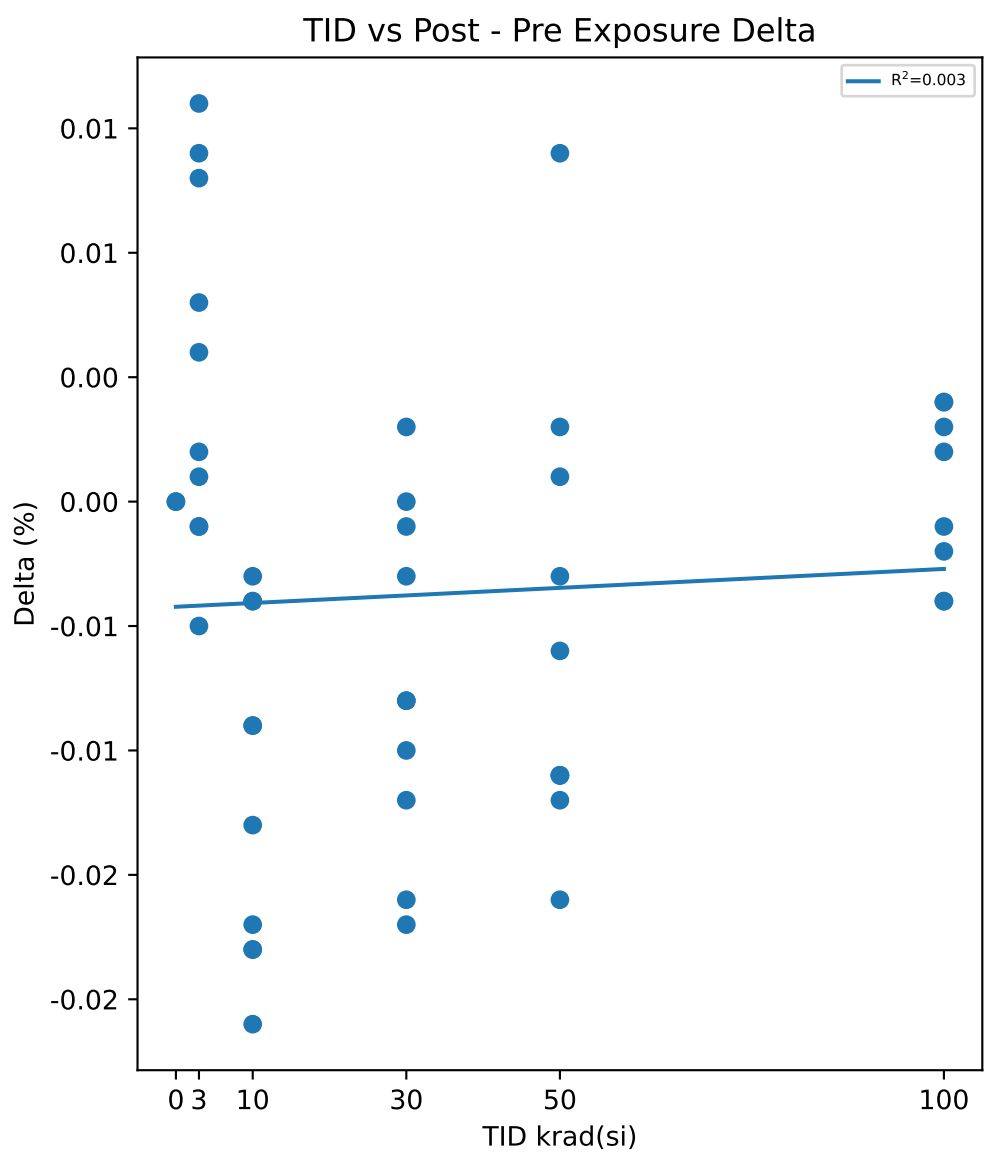
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.911	98.911	0
7	0	Correlation	98.908	98.908	0
16	3	LDR-Biased	98.913	98.909	-0.004
18	3	LDR-Biased	98.908	98.909	0.001
19	3	LDR-Biased	98.903	98.907	0.004
20	3	LDR-Biased	98.91	98.908	-0.002
21	3	LDR-Biased	98.917	98.907	-0.01
22	3	LDR-Unbiased	98.907	98.916	0.009
23	3	LDR-Unbiased	98.912	98.908	-0.004
25	3	LDR-Unbiased	98.905	98.907	0.002
26	3	LDR-Unbiased	98.903	98.905	0.002
27	3	LDR-Unbiased	98.907	98.905	-0.002
46	10	LDR-Biased	98.913	98.891	-0.022
48	10	LDR-Biased	98.908	98.893	-0.015
49	10	LDR-Biased	98.903	98.893	-0.01
50	10	LDR-Biased	98.91	98.894	-0.016
51	10	LDR-Biased	98.917	98.892	-0.025
52	10	LDR-Unbiased	98.907	98.899	-0.008
53	10	LDR-Unbiased	98.912	98.894	-0.018
55	10	LDR-Unbiased	98.905	98.892	-0.013
56	10	LDR-Unbiased	98.903	98.892	-0.011
57	10	LDR-Unbiased	98.907	98.892	-0.015
76	30	LDR-Biased	98.913	98.893	-0.02
78	30	LDR-Biased	98.908	98.893	-0.015
79	30	LDR-Biased	98.903	98.894	-0.009
80	30	LDR-Biased	98.91	98.896	-0.014
81	30	LDR-Biased	98.917	98.9	-0.017
82	30	LDR-Unbiased	98.907	98.906	-0.001
83	30	LDR-Unbiased	98.912	98.899	-0.013
84	30	LDR-Unbiased	98.907	98.897	-0.01
85	30	LDR-Unbiased	98.905	98.898	-0.007
86	30	LDR-Unbiased	98.903	98.896	-0.007
87	100	LDR-Biased	98.911	98.915	0.004
88	100	LDR-Biased	98.908	98.912	0.004
90	100	LDR-Biased	98.906	98.91	0.004
91	100	LDR-Unbiased	98.909	98.908	-0.001
93	100	LDR-Unbiased	98.917	98.908	-0.009
94	100	LDR-Unbiased	98.912	98.907	-0.005
95	100	LDR-Unbiased	98.902	98.906	0.004
96	100	LDR-Unbiased	98.907	98.9	-0.007
106	50	LDR-Biased	98.913	98.909	-0.004
108	50	LDR-Biased	98.908	98.9	-0.008
109	50	LDR-Biased	98.903	98.899	-0.004
110	50	LDR-Biased	98.91	98.9	-0.01
111	50	LDR-Biased	98.917	98.899	-0.018
112	50	LDR-Unbiased	98.907	98.905	-0.002
113	50	LDR-Unbiased	98.912	98.899	-0.013
115	50	LDR-Unbiased	98.905	98.899	-0.006
116	50	LDR-Unbiased	98.903	98.894	-0.009
117	50	LDR-Unbiased	98.907	98.896	-0.011

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.908	98.91	98.911	0.0021213	98.908	98.91	98.911	0.0021213	0	0	0	0
3	98.903	98.909	98.917	0.0045277	98.905	98.908	98.916	0.0031073	-0.01	-0.0004	0.009	0.0052111
10	98.903	98.909	98.917	0.0045277	98.891	98.893	98.899	0.0022509	-0.025	-0.0153	-0.008	0.0052926
30	98.903	98.909	98.917	0.0045277	98.893	98.897	98.906	0.0039101	-0.02	-0.0113	-0.001	0.0055986
50	98.903	98.909	98.917	0.0045277	98.894	98.9	98.909	0.0042426	-0.018	-0.0085	-0.002	0.0048132
100	98.902	98.909	98.917	0.0044721	98.9	98.908	98.915	0.004432	-0.009	-0.00075	0.004	0.0055485

Device Test: 6.95 VOH_10mA_EN2/EN2/7/14/0/0/10/@VOH_EN_10MA





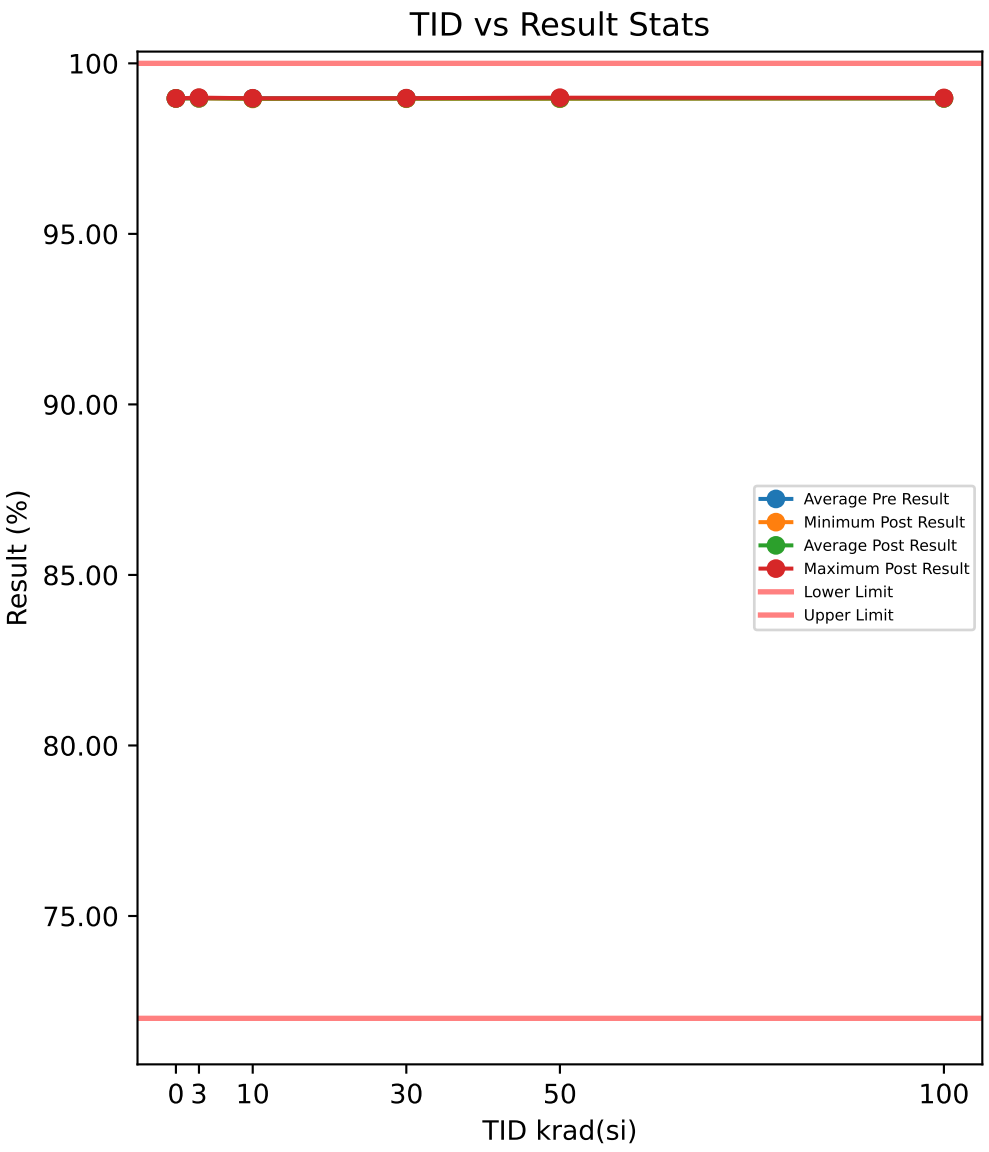
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.927	98.927	0
7	0	Correlation	98.924	98.924	0
16	3	LDR-Biased	98.929	98.945	0.016
18	3	LDR-Biased	98.933	98.934	0.001
19	3	LDR-Biased	98.922	98.93	0.008
20	3	LDR-Biased	98.926	98.939	0.013
21	3	LDR-Biased	98.931	98.93	-0.001
22	3	LDR-Unbiased	98.92	98.934	0.014
23	3	LDR-Unbiased	98.936	98.931	-0.005
25	3	LDR-Unbiased	98.924	98.923	-0.001
26	3	LDR-Unbiased	98.919	98.921	0.002
27	3	LDR-Unbiased	98.924	98.93	0.006
46	10	LDR-Biased	98.929	98.925	-0.004
48	10	LDR-Biased	98.933	98.916	-0.017
49	10	LDR-Biased	98.922	98.913	-0.009
50	10	LDR-Biased	98.926	98.923	-0.003
51	10	LDR-Biased	98.931	98.913	-0.018
52	10	LDR-Unbiased	98.92	98.916	-0.004
53	10	LDR-Unbiased	98.936	98.915	-0.021
55	10	LDR-Unbiased	98.924	98.906	-0.018
56	10	LDR-Unbiased	98.919	98.906	-0.013
57	10	LDR-Unbiased	98.924	98.915	-0.009
76	30	LDR-Biased	98.929	98.928	-0.001
78	30	LDR-Biased	98.933	98.916	-0.017
79	30	LDR-Biased	98.922	98.914	-0.008
80	30	LDR-Biased	98.926	98.926	0
81	30	LDR-Biased	98.931	98.921	-0.01
82	30	LDR-Unbiased	98.92	98.923	0.003
83	30	LDR-Unbiased	98.936	98.92	-0.016
84	30	LDR-Unbiased	98.924	98.921	-0.003
85	30	LDR-Unbiased	98.924	98.912	-0.012
86	30	LDR-Unbiased	98.919	98.911	-0.008
87	100	LDR-Biased	98.93	98.928	-0.002
88	100	LDR-Biased	98.925	98.927	0.002
90	100	LDR-Biased	98.93	98.926	-0.004
91	100	LDR-Unbiased	98.923	98.927	0.004
93	100	LDR-Unbiased	98.93	98.926	-0.004
94	100	LDR-Unbiased	98.928	98.932	0.004
95	100	LDR-Unbiased	98.921	98.924	0.003
96	100	LDR-Unbiased	98.923	98.922	-0.001
106	50	LDR-Biased	98.929	98.943	0.014
108	50	LDR-Biased	98.933	98.922	-0.011
109	50	LDR-Biased	98.922	98.919	-0.003
110	50	LDR-Biased	98.926	98.929	0.003
111	50	LDR-Biased	98.931	98.92	-0.011
112	50	LDR-Unbiased	98.92	98.921	0.001
113	50	LDR-Unbiased	98.936	98.92	-0.016
115	50	LDR-Unbiased	98.924	98.912	-0.012
116	50	LDR-Unbiased	98.919	98.908	-0.011
117	50	LDR-Unbiased	98.924	98.918	-0.006

Test Statistics (%)

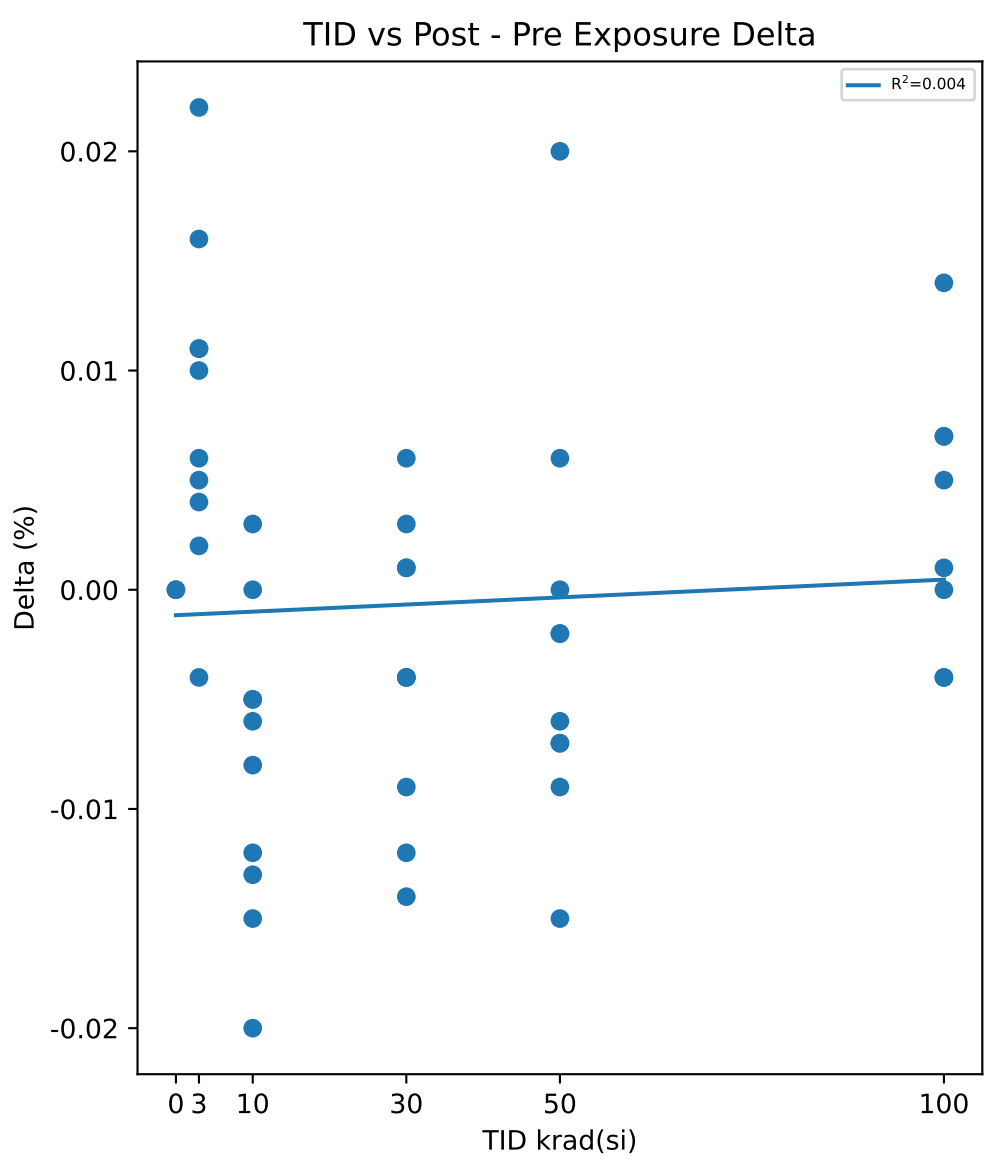
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.924	98.925	98.927	0.0021213	98.924	98.925	98.927	0.0021213	0	0	0	0
3	98.919	98.926	98.936	0.0056804	98.921	98.932	98.945	0.0069929	-0.005	0.0053	0.016	0.0072426
10	98.919	98.926	98.936	0.0056804	98.906	98.915	98.925	0.0061065	-0.021	-0.0116	-0.003	0.0067032
30	98.919	98.926	98.936	0.0056804	98.911	98.919	98.928	0.0057889	-0.017	-0.0072	0.003	0.0068118
50	98.919	98.926	98.936	0.0056804	98.908	98.921	98.943	0.0095079	-0.016	-0.0052	0.014	0.0090897
100	98.921	98.926	98.93	0.0036936	98.922	98.927	98.932	0.0029277	-0.004	0.00025	0.004	0.0034122

Device Test: 6.96 VOH_10mA_EN3/EN3/7/14/0/0/10/@VOH_EN_10MA



Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

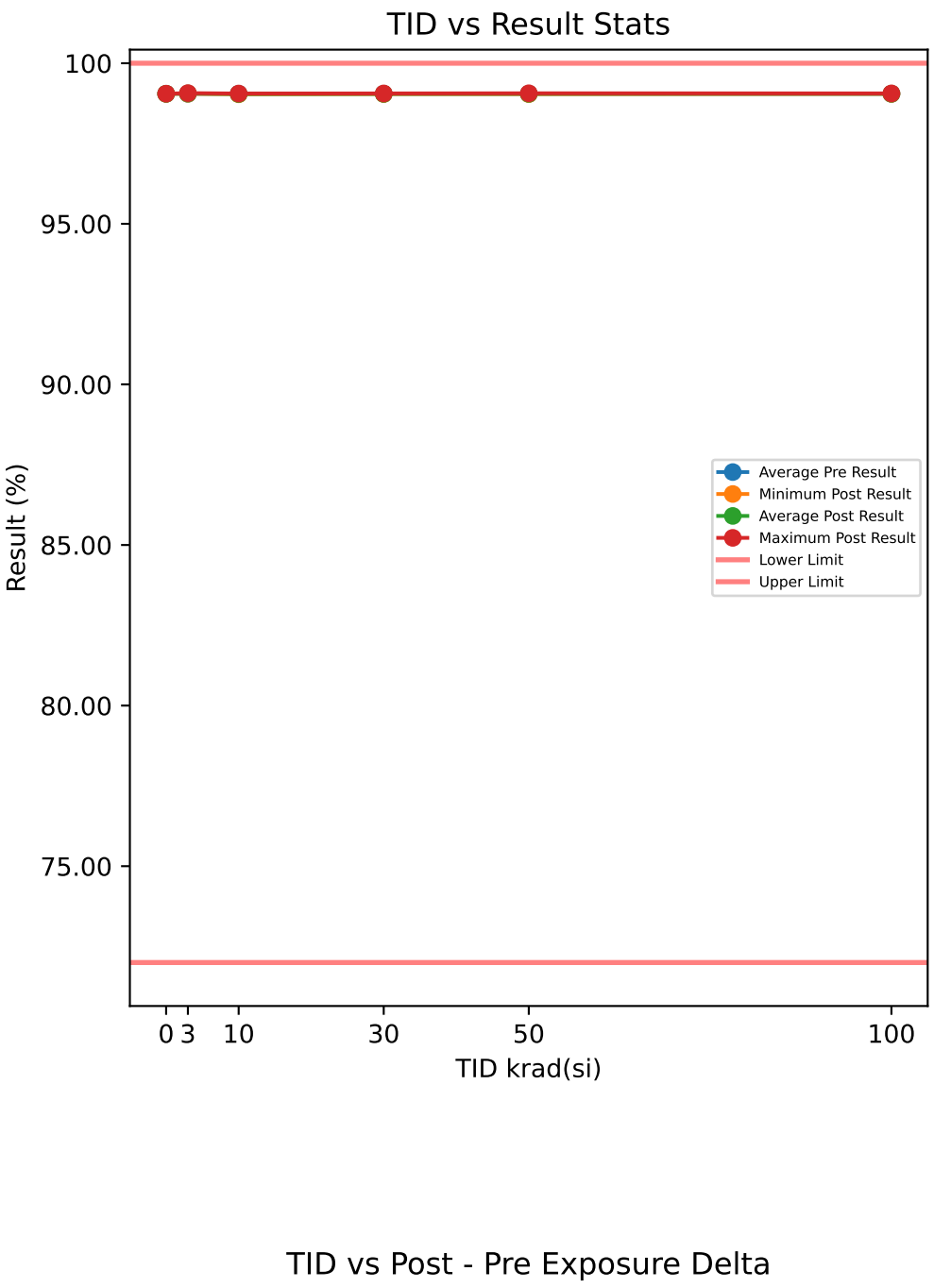
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.972	98.972	0
7	0	Correlation	98.973	98.973	0
16	3	LDR-Biased	98.973	98.995	0.022
18	3	LDR-Biased	98.978	98.983	0.005
19	3	LDR-Biased	98.968	98.979	0.011
20	3	LDR-Biased	98.974	98.99	0.016
21	3	LDR-Biased	98.976	98.98	0.004
22	3	LDR-Unbiased	98.971	98.982	0.011
23	3	LDR-Unbiased	98.984	98.98	-0.004
25	3	LDR-Unbiased	98.971	98.973	0.002
26	3	LDR-Unbiased	98.971	98.977	0.006
27	3	LDR-Unbiased	98.972	98.982	0.01
46	10	LDR-Biased	98.973	98.976	0.003
48	10	LDR-Biased	98.978	98.965	-0.013
49	10	LDR-Biased	98.968	98.963	-0.005
50	10	LDR-Biased	98.974	98.974	0
51	10	LDR-Biased	98.976	98.964	-0.012
52	10	LDR-Unbiased	98.971	98.965	-0.006
53	10	LDR-Unbiased	98.984	98.964	-0.02
55	10	LDR-Unbiased	98.971	98.956	-0.015
56	10	LDR-Unbiased	98.971	98.963	-0.008
57	10	LDR-Unbiased	98.972	98.967	-0.005
76	30	LDR-Biased	98.973	98.979	0.006
78	30	LDR-Biased	98.978	98.966	-0.012
79	30	LDR-Biased	98.968	98.964	-0.004
80	30	LDR-Biased	98.974	98.977	0.003
81	30	LDR-Biased	98.976	98.972	-0.004
82	30	LDR-Unbiased	98.971	98.972	0.001
83	30	LDR-Unbiased	98.984	98.97	-0.014
84	30	LDR-Unbiased	98.972	98.973	0.001
85	30	LDR-Unbiased	98.971	98.962	-0.009
86	30	LDR-Unbiased	98.971	98.967	-0.004
87	100	LDR-Biased	98.979	98.975	-0.004
88	100	LDR-Biased	98.968	98.973	0.005
90	100	LDR-Biased	98.976	98.972	-0.004
91	100	LDR-Unbiased	98.973	98.974	0.001
93	100	LDR-Unbiased	98.975	98.975	0
94	100	LDR-Unbiased	98.972	98.986	0.014
95	100	LDR-Unbiased	98.97	98.977	0.007
96	100	LDR-Unbiased	98.971	98.978	0.007
106	50	LDR-Biased	98.973	98.993	0.02
108	50	LDR-Biased	98.978	98.971	-0.007
109	50	LDR-Biased	98.968	98.968	0
110	50	LDR-Biased	98.974	98.98	0.006
111	50	LDR-Biased	98.976	98.97	-0.006
112	50	LDR-Unbiased	98.971	98.969	-0.002
113	50	LDR-Unbiased	98.984	98.969	-0.015
115	50	LDR-Unbiased	98.971	98.962	-0.009
116	50	LDR-Unbiased	98.971	98.964	-0.007
117	50	LDR-Unbiased	98.972	98.97	-0.002

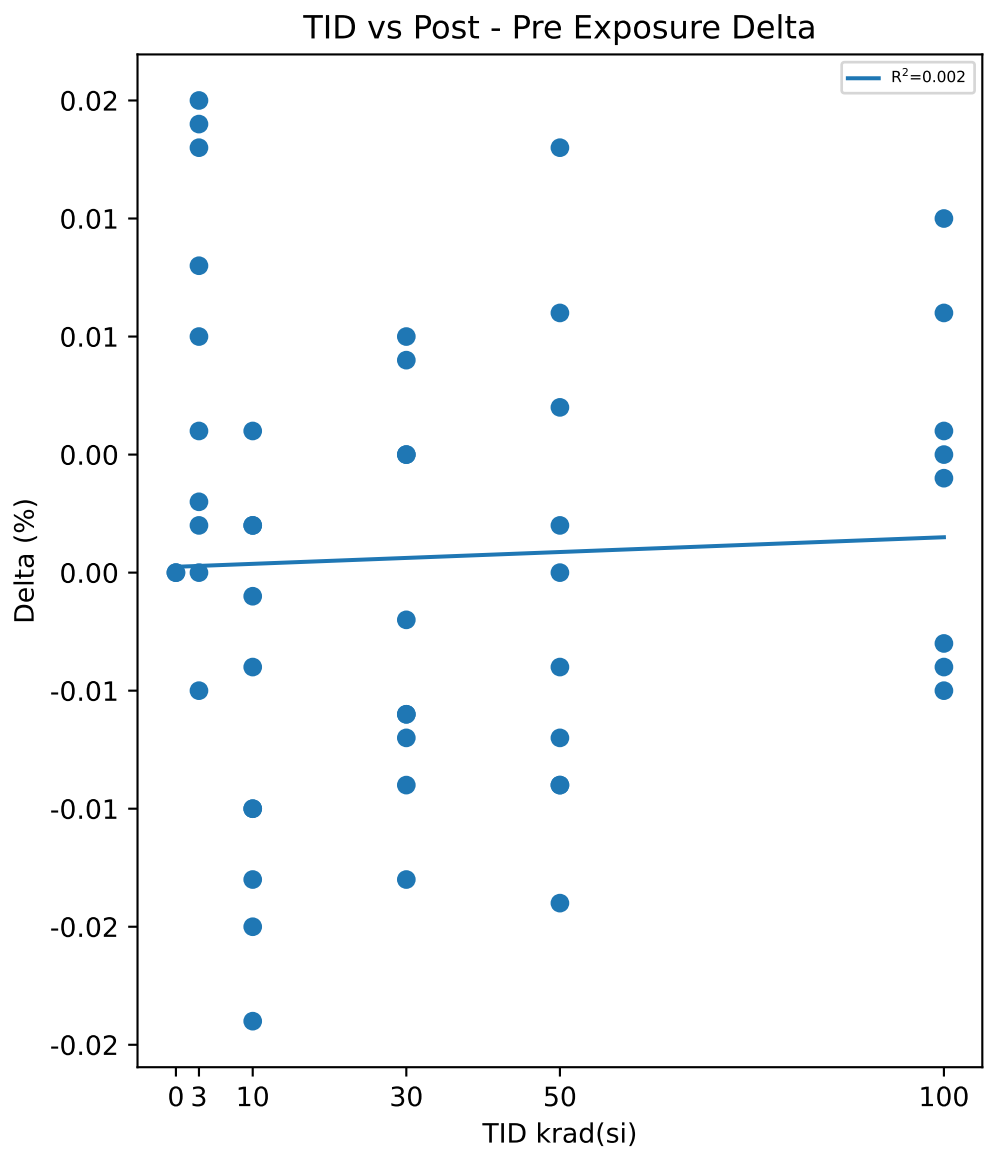


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.972	98.972	98.973	0.00070711	98.972	98.972	98.973	0.00070711	0	0	0	0
3	98.968	98.974	98.984	0.0045656	98.973	98.982	98.995	0.0062973	-0.004	0.0083	0.022	0.0073794
10	98.968	98.974	98.984	0.0045656	98.956	98.966	98.976	0.005697	-0.02	-0.0081	0.003	0.0069992
30	98.968	98.974	98.984	0.0045656	98.962	98.97	98.979	0.0054934	-0.014	-0.0036	0.006	0.0065524
50	98.968	98.974	98.984	0.0045656	98.962	98.972	98.993	0.0088844	-0.015	-0.0022	0.02	0.0096356
100	98.968	98.973	98.979	0.0035456	98.972	98.976	98.986	0.0043997	-0.004	0.00325	0.014	0.0061818

Device Test: 6.97 VOH_10mA_EN4/EN4/7/14/0/0/10/@VOH_EN_10MA





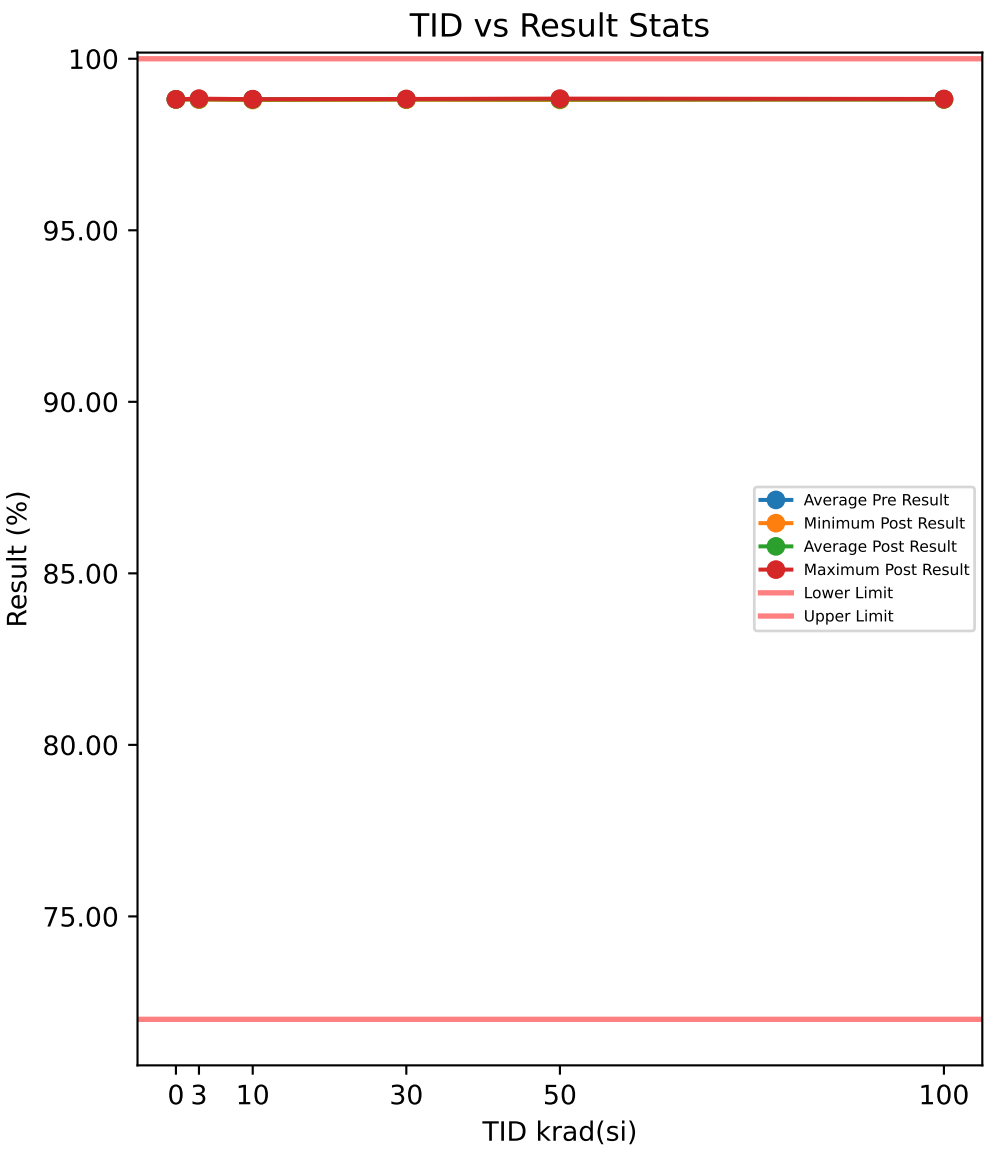
Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	99.047	99.047	0
7	0	Correlation	99.052	99.052	0
16	3	LDR-Biased	99.046	99.066	0.02
18	3	LDR-Biased	99.053	99.059	0.006
19	3	LDR-Biased	99.044	99.054	0.01
20	3	LDR-Biased	99.05	99.069	0.019
21	3	LDR-Biased	99.055	99.055	0
22	3	LDR-Unbiased	99.043	99.061	0.018
23	3	LDR-Unbiased	99.059	99.054	-0.005
25	3	LDR-Unbiased	99.047	99.05	0.003
26	3	LDR-Unbiased	99.048	99.05	0.002
27	3	LDR-Unbiased	99.046	99.059	0.013
46	10	LDR-Biased	99.046	99.048	0.002
48	10	LDR-Biased	99.053	99.043	-0.01
49	10	LDR-Biased	99.044	99.04	-0.004
50	10	LDR-Biased	99.05	99.056	0.006
51	10	LDR-Biased	99.055	99.04	-0.015
52	10	LDR-Unbiased	99.043	99.045	0.002
53	10	LDR-Unbiased	99.059	99.04	-0.019
55	10	LDR-Unbiased	99.047	99.034	-0.013
56	10	LDR-Unbiased	99.048	99.038	-0.01
57	10	LDR-Unbiased	99.046	99.045	-0.001
76	30	LDR-Biased	99.046	99.051	0.005
78	30	LDR-Biased	99.053	99.044	-0.009
79	30	LDR-Biased	99.044	99.042	-0.002
80	30	LDR-Biased	99.05	99.059	0.009
81	30	LDR-Biased	99.055	99.048	-0.007
82	30	LDR-Unbiased	99.043	99.053	0.01
83	30	LDR-Unbiased	99.059	99.046	-0.013
84	30	LDR-Unbiased	99.046	99.051	0.005
85	30	LDR-Unbiased	99.047	99.041	-0.006
86	30	LDR-Unbiased	99.048	99.042	-0.006
87	100	LDR-Biased	99.054	99.051	-0.003
88	100	LDR-Biased	99.042	99.048	0.006
90	100	LDR-Biased	99.051	99.046	-0.005
91	100	LDR-Unbiased	99.045	99.049	0.004
93	100	LDR-Unbiased	99.054	99.05	-0.004
94	100	LDR-Unbiased	99.045	99.06	0.015
95	100	LDR-Unbiased	99.048	99.053	0.005
96	100	LDR-Unbiased	99.045	99.056	0.011
106	50	LDR-Biased	99.046	99.064	0.018
108	50	LDR-Biased	99.053	99.049	-0.004
109	50	LDR-Biased	99.044	99.044	0
110	50	LDR-Biased	99.05	99.061	0.011
111	50	LDR-Biased	99.055	99.046	-0.009
112	50	LDR-Unbiased	99.043	99.05	0.007
113	50	LDR-Unbiased	99.059	99.045	-0.014
115	50	LDR-Unbiased	99.047	99.04	-0.007
116	50	LDR-Unbiased	99.048	99.039	-0.009
117	50	LDR-Unbiased	99.046	99.048	0.002

Test Statistics (%)

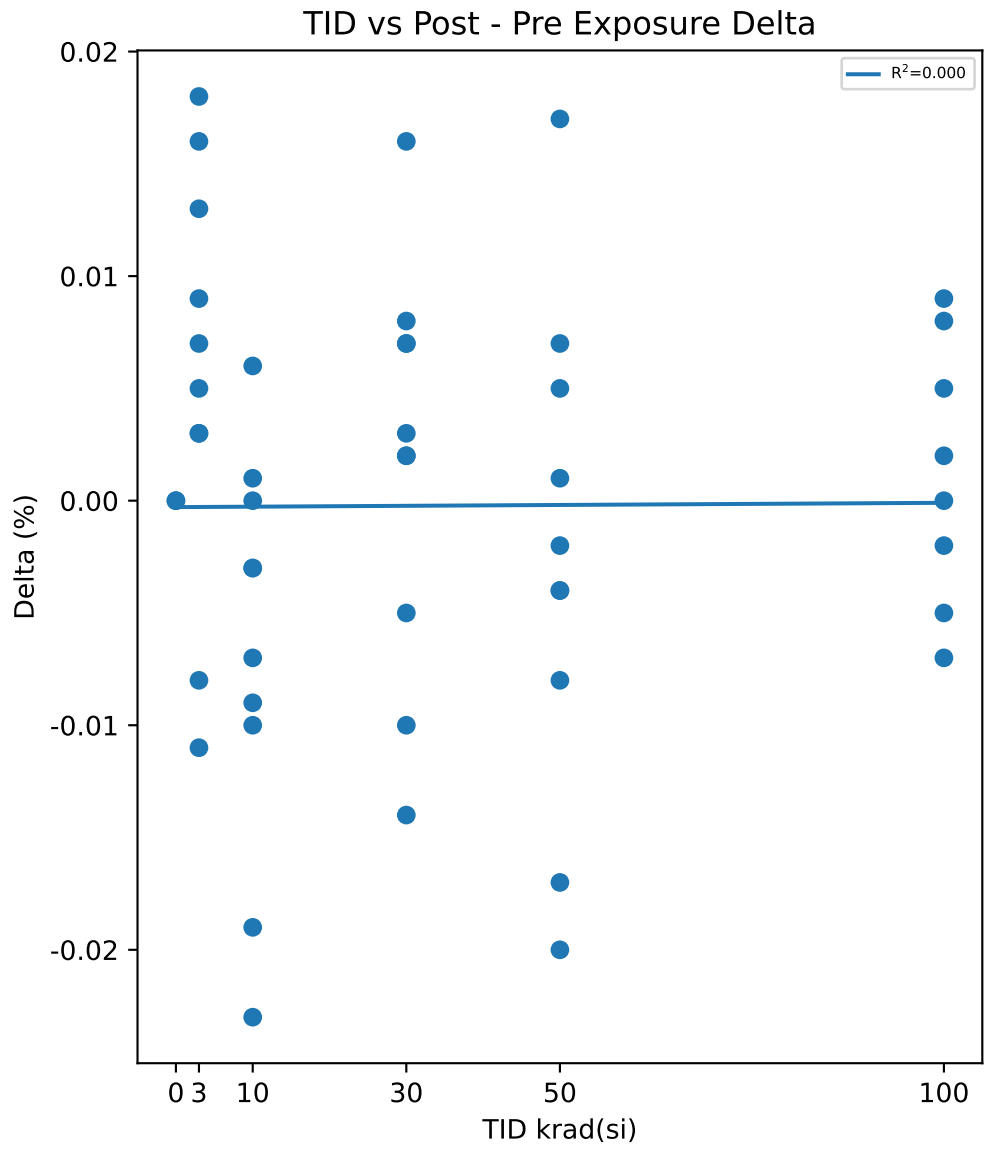
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.047	99.049	99.052	0.0035355	99.047	99.049	99.052	0.0035355	0	0	0	0
3	99.043	99.049	99.059	0.0051305	99.05	99.058	99.069	0.0063605	-0.005	0.0086	0.02	0.0087458
10	99.043	99.049	99.059	0.0051305	99.034	99.043	99.056	0.0061001	-0.019	-0.0062	0.006	0.0083772
30	99.043	99.049	99.059	0.0051305	99.041	99.048	99.059	0.0058128	-0.013	-0.0014	0.01	0.0080719
50	99.043	99.049	99.059	0.0051305	99.039	99.049	99.064	0.0081677	-0.014	-0.0005	0.018	0.010102
100	99.042	99.048	99.054	0.0045356	99.046	99.052	99.06	0.004565	-0.005	0.003625	0.015	0.0072494

Device Test: 6.98 VOH_10mA_SEQ/SEQ_DONE/7/14/0/0/10/@VOH_SEQ_DONE_10MA



Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

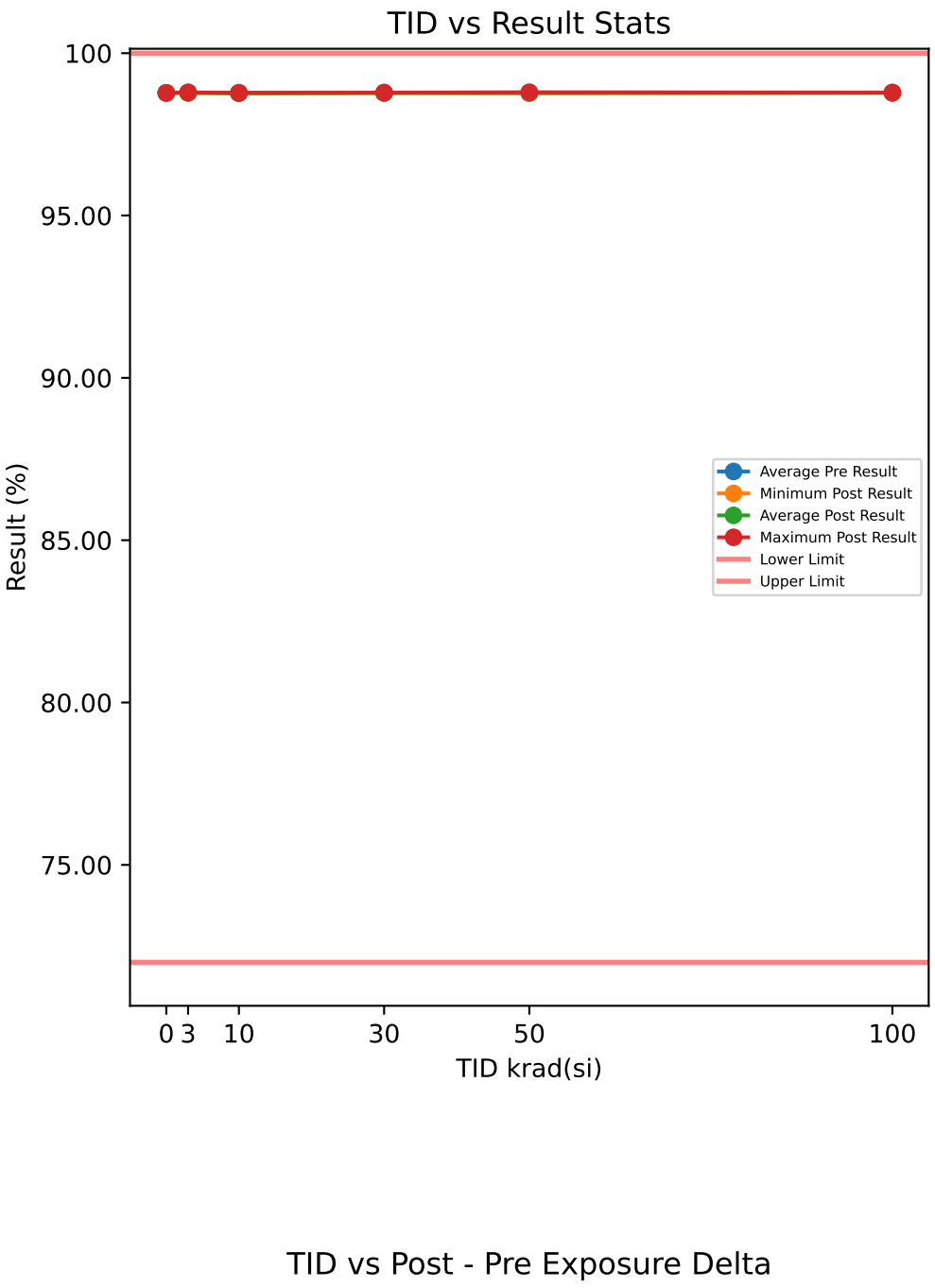
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.815	98.815	0
7	0	Correlation	98.818	98.818	0
16	3	LDR-Biased	98.821	98.837	0.016
18	3	LDR-Biased	98.823	98.828	0.005
19	3	LDR-Biased	98.813	98.822	0.009
20	3	LDR-Biased	98.817	98.83	0.013
21	3	LDR-Biased	98.82	98.823	0.003
22	3	LDR-Unbiased	98.812	98.83	0.018
23	3	LDR-Unbiased	98.828	98.82	-0.008
25	3	LDR-Unbiased	98.819	98.808	-0.011
26	3	LDR-Unbiased	98.815	98.818	0.003
27	3	LDR-Unbiased	98.813	98.82	0.007
46	10	LDR-Biased	98.821	98.822	0.001
48	10	LDR-Biased	98.823	98.814	-0.009
49	10	LDR-Biased	98.813	98.81	-0.003
50	10	LDR-Biased	98.817	98.817	0
51	10	LDR-Biased	98.82	98.81	-0.01
52	10	LDR-Unbiased	98.812	98.818	0.006
53	10	LDR-Unbiased	98.828	98.809	-0.019
55	10	LDR-Unbiased	98.819	98.796	-0.023
56	10	LDR-Unbiased	98.815	98.808	-0.007
57	10	LDR-Unbiased	98.813	98.81	-0.003
76	30	LDR-Biased	98.821	98.828	0.007
78	30	LDR-Biased	98.823	98.818	-0.005
79	30	LDR-Biased	98.813	98.815	0.002
80	30	LDR-Biased	98.817	98.825	0.008
81	30	LDR-Biased	98.82	98.823	0.003
82	30	LDR-Unbiased	98.812	98.828	0.016
83	30	LDR-Unbiased	98.828	98.818	-0.01
84	30	LDR-Unbiased	98.813	98.82	0.007
85	30	LDR-Unbiased	98.819	98.805	-0.014
86	30	LDR-Unbiased	98.815	98.817	0.002
87	100	LDR-Biased	98.821	98.819	-0.002
88	100	LDR-Biased	98.815	98.815	0
90	100	LDR-Biased	98.82	98.813	-0.007
91	100	LDR-Unbiased	98.815	98.82	0.005
93	100	LDR-Unbiased	98.82	98.815	-0.005
94	100	LDR-Unbiased	98.82	98.828	0.008
95	100	LDR-Unbiased	98.818	98.82	0.002
96	100	LDR-Unbiased	98.812	98.821	0.009
106	50	LDR-Biased	98.821	98.838	0.017
108	50	LDR-Biased	98.823	98.819	-0.004
109	50	LDR-Biased	98.813	98.814	0.001
110	50	LDR-Biased	98.817	98.822	0.005
111	50	LDR-Biased	98.82	98.816	-0.004
112	50	LDR-Unbiased	98.812	98.819	0.007
113	50	LDR-Unbiased	98.828	98.811	-0.017
115	50	LDR-Unbiased	98.819	98.799	-0.02
116	50	LDR-Unbiased	98.815	98.807	-0.008
117	50	LDR-Unbiased	98.813	98.811	-0.002

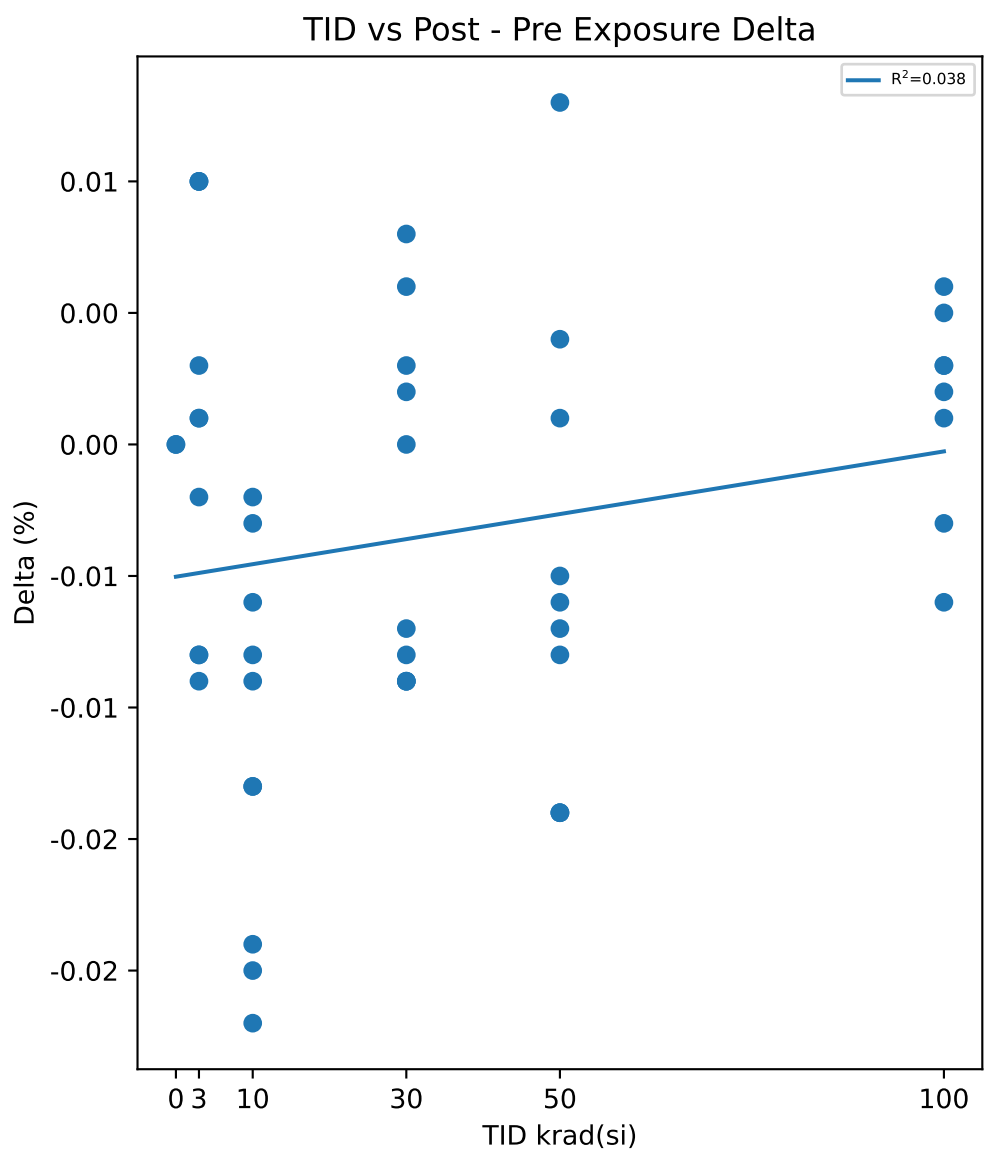


Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.815	98.816	98.818	0.0021213	98.815	98.816	98.818	0.0021213	0	0	0	0
3	98.812	98.818	98.828	0.0051088	98.808	98.824	98.837	0.0080581	-0.011	0.0055	0.018	0.0094546
10	98.812	98.818	98.828	0.0051088	98.796	98.811	98.822	0.0071056	-0.023	-0.0067	0.006	0.0089821
30	98.812	98.818	98.828	0.0051088	98.805	98.82	98.828	0.0068969	-0.014	0.0016	0.016	0.0090086
50	98.812	98.818	98.828	0.0051088	98.799	98.816	98.838	0.01033	-0.02	-0.0025	0.017	0.011008
100	98.812	98.818	98.821	0.0032486	98.813	98.819	98.828	0.0047037	-0.007	0.00125	0.009	0.0058493

Device Test: 6.99 VOH_10mA_PWRGD/PWRGD/7/14/0/0/10/@VOH_PWRGD_10MA





Test Results (Lower Limit = 72.0, Upper Limit = 100.0 (%))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
6	0	Correlation	98.778	98.778	0
7	0	Correlation	98.775	98.775	0
16	3	LDR-Biased	98.784	98.794	0.01
18	3	LDR-Biased	98.785	98.786	0.001
19	3	LDR-Biased	98.78	98.778	-0.002
20	3	LDR-Biased	98.777	98.787	0.01
21	3	LDR-Biased	98.786	98.777	-0.009
22	3	LDR-Unbiased	98.777	98.787	0.01
23	3	LDR-Unbiased	98.788	98.78	-0.008
25	3	LDR-Unbiased	98.782	98.774	-0.008
26	3	LDR-Unbiased	98.778	98.779	0.001
27	3	LDR-Unbiased	98.777	98.78	0.003
46	10	LDR-Biased	98.784	98.778	-0.006
48	10	LDR-Biased	98.785	98.772	-0.013
49	10	LDR-Biased	98.78	98.767	-0.013
50	10	LDR-Biased	98.777	98.775	-0.002
51	10	LDR-Biased	98.786	98.764	-0.022
52	10	LDR-Unbiased	98.777	98.774	-0.003
53	10	LDR-Unbiased	98.788	98.768	-0.02
55	10	LDR-Unbiased	98.782	98.763	-0.019
56	10	LDR-Unbiased	98.778	98.769	-0.009
57	10	LDR-Unbiased	98.777	98.769	-0.008
76	30	LDR-Biased	98.784	98.786	0.002
78	30	LDR-Biased	98.785	98.777	-0.008
79	30	LDR-Biased	98.78	98.773	-0.007
80	30	LDR-Biased	98.777	98.783	0.006
81	30	LDR-Biased	98.786	98.777	-0.009
82	30	LDR-Unbiased	98.777	98.785	0.008
83	30	LDR-Unbiased	98.788	98.779	-0.009
84	30	LDR-Unbiased	98.777	98.78	0.003
85	30	LDR-Unbiased	98.782	98.773	-0.009
86	30	LDR-Unbiased	98.778	98.778	0
87	100	LDR-Biased	98.78	98.782	0.002
88	100	LDR-Biased	98.778	98.781	0.003
90	100	LDR-Biased	98.783	98.78	-0.003
91	100	LDR-Unbiased	98.78	98.781	0.001
93	100	LDR-Unbiased	98.786	98.78	-0.006
94	100	LDR-Unbiased	98.783	98.788	0.005
95	100	LDR-Unbiased	98.778	98.781	0.003
96	100	LDR-Unbiased	98.776	98.782	0.006
106	50	LDR-Biased	98.784	98.797	0.013
108	50	LDR-Biased	98.785	98.779	-0.006
109	50	LDR-Biased	98.78	98.772	-0.008
110	50	LDR-Biased	98.777	98.781	0.004
111	50	LDR-Biased	98.786	98.772	-0.014
112	50	LDR-Unbiased	98.777	98.778	0.001
113	50	LDR-Unbiased	98.788	98.774	-0.014
115	50	LDR-Unbiased	98.782	98.768	-0.014
116	50	LDR-Unbiased	98.778	98.771	-0.007
117	50	LDR-Unbiased	98.777	98.772	-0.005

Test Statistics (%)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.775	98.776	98.778	0.0021213	98.775	98.776	98.778	0.0021213	0	0	0	0
3	98.777	98.781	98.788	0.0041687	98.774	98.782	98.794	0.00607	-0.009	0.0008	0.01	0.0075836
10	98.777	98.781	98.788	0.0041687	98.763	98.77	98.778	0.0048178	-0.022	-0.0115	-0.002	0.0071063
30	98.777	98.781	98.788	0.0041687	98.773	98.779	98.786	0.004508	-0.009	-0.0023	0.008	0.0067995
50	98.777	98.781	98.788	0.0041687	98.768	98.776	98.797	0.0082892	-0.014	-0.005	0.013	0.0088066
100	98.776	98.781	98.786	0.003295	98.78	98.782	98.788	0.0025877	-0.006	0.001375	0.006	0.0040333

7 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision A (June 2026) to Revision B (July 2026)	Page
• Added TPS7H3014-SEP to document	0

Changes from Revision * (April 2024) to Revision A (June 2026)	Page
• Added Appendix B data	11

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