Radiation Report

TPS7H5020-SEP Total Ionizing Dose (TID) Report

Abstract

This report discusses the results of the total ionizing dose (TID) testing for the Texas Instruments TPS7H5020-SEP radiation hardness-assured PWM controller with integrated gate driver. The study was done to determine TID effects at 50krad (Si). The results show that all samples pass within device specified test limits.

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1 Device Information

1.1 Product Description

The TPS7H5020 is a radiation-hardness-assured, current mode, single-ended PWM controller with an integrated gate driver that can be utilized in both silicon and gallium nitride (GaN) power semiconductor based converter designs. The TPS7H5020 integrates several key functions, such as soft-start, enable, and adjustable slope compensation while maintaining a small package size. The controller also features a 0.6V ± 1% voltage reference tolerance to support highly accurate power converter designs. The TPS7H5020-SEP is packaged in a plastic 24-pin HTSSOP PWP package.

1.2 Device Details

Testing was performed per MIL-STD-883, Test Method 1019, with a sample size per MIL-PRF-38535, Appendix C, test condition A (high dose rate).

Table 1-1. Device and Exposure Details

RHA TID Details: Up to 50krad(Si)	
TI Device	TPS7H5020-SEP
TI Part Number	TPS7H5020MPWPTSEP
Device Function	PWM Controller with Integrated Gate Driver
Package	24-pin HTSSOP-PWP
Technology	LBC7 (250nm Linear BiCMOS)
Quantity tested	HDR/LDR : • 15 biased units from 20krad(Si) to 50krad(Si) • 15 unbiased units from 20krad(Si) to 50krad(Si) • Three correlation units
Lot Accept/Reject	Passes up to 50krad(Si); no observed fails
HDR Radiation Facility	Texas Instruments CLAB Dallas, Texas
Die Lot Number and Assembly Lot Number	DIE: 4218460 Assembly: 5217927
HDR Dose Rate	172.96 rad (Si) / s
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
Irradiation and Test Temperature	Ambient, room temperature controlled to 25°C ±6°C per MIL-STD-883 and MIL-STD-750

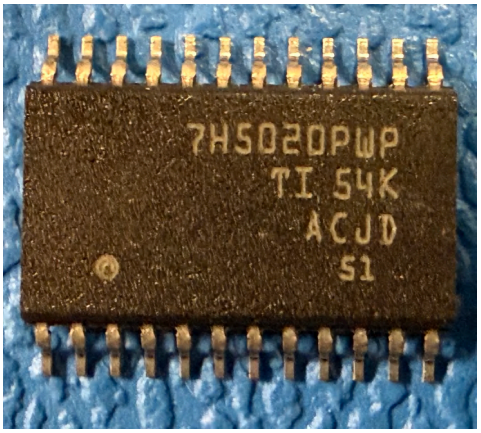


Figure 1-1. Device Used in Exposure (Front)

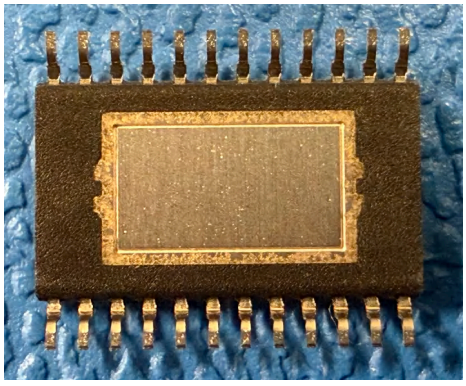


Figure 1-2. Device Used in Exposure (Back)

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2 Total Dose Test Setup

2.1 Test Overview

The TPS7H5020-SEP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, condition A was used. For this test, 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 TPS7H5020-SEP HDR exposure was performed on biased devices in a Co-60 Gammacell at the TI Dallas C-Lab facility in Dallas, Texas. The unattenuated dose rate of this cell is 172.96 rad (Si) / s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and post-radiation electrical testing at TI's Dallas Forest Lane facility. Test limit guard bands are set within SMD electrical test limits.

Post-radiation measurements were taken within 30 minutes after removing device 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 through Figure 2-3 and the HDR bias diagram and schematic.

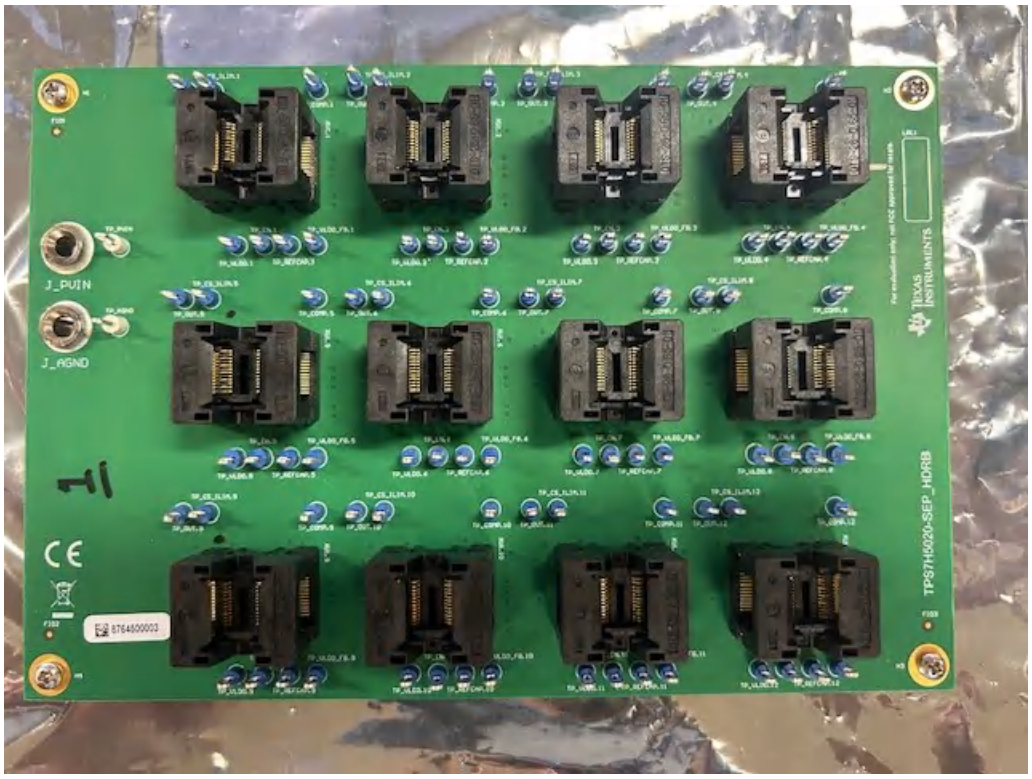


Figure 2-1. HDR TID Hardware

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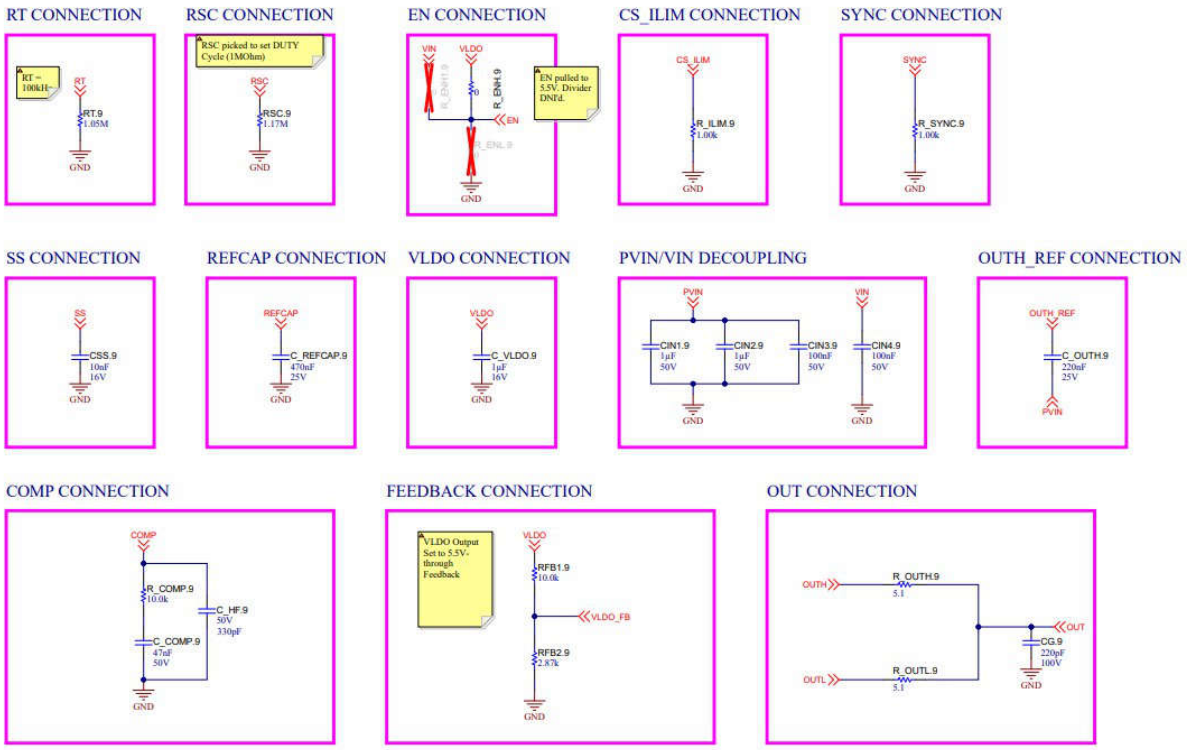


Figure 2-2. Supplies and GND HDR TID Bias Diagram

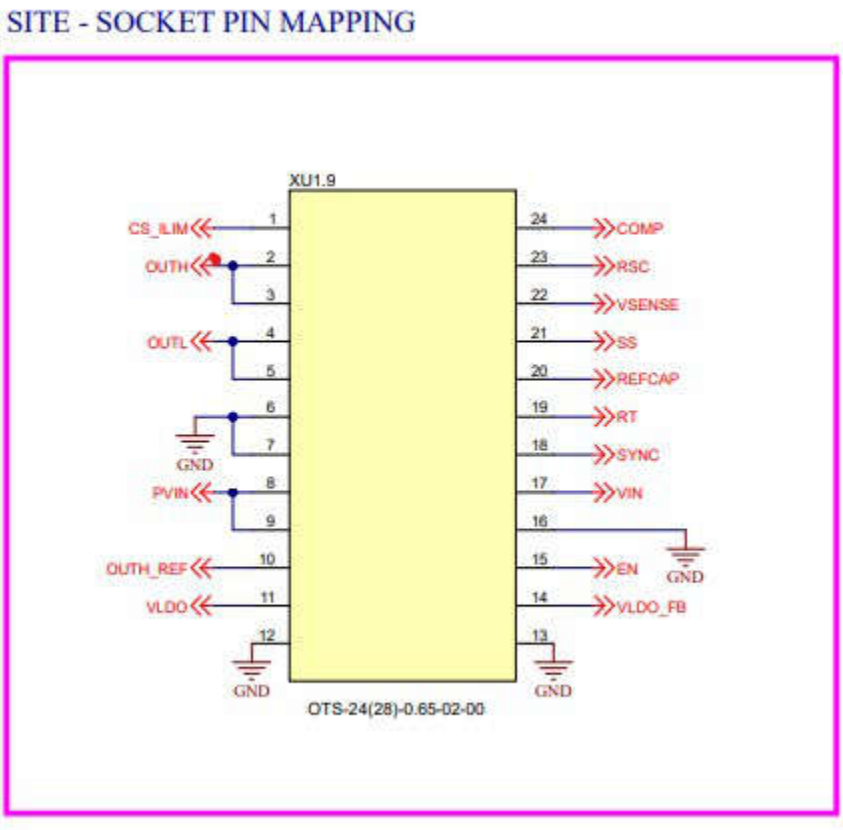


Figure 2-3. HDR TID Bias Diagram

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2.4 Test Configuration and Conditions

HDR devices were stressed up to 50krad (Si) for biased and unbiased conditions.

Table 2-1. HDR Biased Device Information

Total Samples: 15 units + 3 control			
Exposure Levels:			
Control	20krad (Si)	30krad(Si)	50krad (Si)
71, 72, 73	21, 22, 23, 24, 25	31, 32, 33, 34, 35	41, 42, 43, 44, 45

Table 2-2. HDR Unbiased Device Information

Total Samples: 15 units + 3 control			
Exposure Levels:			
Control	20krad (Si)	30krad(Si)	50krad (Si)
71, 72, 73	26, 27, 28, 29, 30	36, 37, 38, 39, 40	46, 47, 48, 49, 50

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3 TID Characterization Test Results

3.1 TID Characterization Results Summary

The results show that all TPS7H5020-SEP devices were fully functional and within specification limits up to 50krad (Si) HDR. Overall the TPS7H5020-SEP show a strong degree of hardness to TID HDR exposure levels at 50krad (Si) under bias and unbiased conditions. Performance is measured based on the difference between pre- and post-irradiation with respect to SMD electrical minimum and maximum specification. 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. (see Section 3.2 for the electrical parameters). Note that test numbers are listed only for parameters tested post-TID.

See Appendix: HDR TID Report for HDR report.

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3.2 Data Sheet Electrical Parameters

Specifications are at ambient temperature TA = 25°C, PVIN=VIN= 4.5V to 14V unless otherwise noted. Parameters not listed in the table are omitted either because there is no parametric data or because verification was done through bench testing. Parameters without MIN and MAX values are functionally assured by ATE testing.

Table 3-1. TPS7H5020-SEP Data Sheet Electrical Parameters

PARAMETER		TEST CONDITIONS		MIN	MAX	UNIT	Test #
SUPPLY VOLTAGES AND CURRENTS							
IDD	Operating supply current	No load for OUT, PVIN = VIN	f_{SW} = 100kHz		11	mA	14.1, 14.2, 14.3, 14.4
			f_{SW} = 500kHz		17		14.6, 14.8, 14.10, 14.12
			f_{SW} = 1MHz		25		14.14, 14.15, 14.16, 14.17
		C_{LOAD} = 1000pF for OUT, PVIN = VIN	f_{SW} = 100kHz		12	mA	14.8, 14.19, 14.20, 14.21
			f_{SW} = 500kHz		22		14.22, 14.23, 14.24, 14.25
			f_{SW} = 1MHz		28		14.26, 14.27, 14.28, 14.29
		C_{LOAD} = 1000pF for OUT, VIN = 12V, PVIN = VLDO = 5V	f_{SW} = 100kHz		10	mA	14.3
			f_{SW} = 500kHz		13		14.31
			f_{SW} = 1MHz		20		14.32
I_{start}	Startup Current	VIN = 3.5V			5	mA	14.5
IDD(dis)	Standby current	EN = 0V			8	mA	14.7, 14.9, 14.11, 14.13
VLDO	Internal linear regulator output voltage	C_{VLDO} = 1µF	5V ≤ VIN ≤ 14V, RVT = 10kΩ, RVB = 3.74kΩ	4.36	4.62	V	15.1, 15.4, 15.5
			5.5V ≤ VIN ≤ 14V, RVT = 10kΩ, RVB = 3.24kΩ	4.84	5.14		15.8, 15.11, 15.12
			6V ≤ VIN ≤ 14V, RVT = 10 kΩ, RVB = 2.87kΩ	5.31	5.65		15.15, 15.18, 15.19
VLDO_DO	Internal linear dropout voltage	I_{VLDO} = 25mA, C_{VLDO} = 1µF			0.4	V	15.40, 15.41, 15.42, 15.43, 15.44, 15.45
I_VLDO	Maximum VLDO output current	VLDO ≥ 96% of VLDO at no load, C_{VLDO} = 1µF	VIN = VLDO + 0.5V	25		mA	15.2, 15.3, 15.9, 15.10, 15.16, 15.17
			VIN = VLDO + 1V	55			15.28, 15.29, 15.30, 15.34, 15.35, 15.36
			VIN ≥ 7V	90			15.6, 15.7, 15.13, 15.14, 15.20, 15.21, 15.31, 15.32, 15.33, 15.37, 15.38, 15.39

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Table 3-1. TPS7H5020-SEP Data Sheet Electrical Parameters (continued)

PARAMETER		TEST CONDITIONS		MIN	MAX	UNIT	Test #
ENABLE AND UNDERVOLTAGE LOCKOUT							
V_{ENR}	Enable rising threshold			0.57	0.66	V	16.1, 16.4, 16.7, 16.10
V_{ENF}	Enable falling threshold			0.48	0.55	V	16.2, 16.5, 16.8, 16.11
I_{EN}	Enable input leakage current	VIN = 14V	EN = 1V		100	nA	16.15, 16.17
			EN = 7V		700		16.16, 16.18
$PVIN_{UVLOR}$	PVIN UVLO rising			3.65	3.95	V	17.1, 17.10, 17.19
$PVIN_{UVLOF}$	PVIN UVLO falling			3.45	3.75	V	17.2, 17.11, 17.20
VIN_{UVLOR}	VIN UVLO rising			3.85	4.15	V	17.4, 17.13, 17.22
VIN_{UVLOF}	VIN UVLO falling			3.65	3.95	V	17.5, 17.14, 17.23
$VLDO_{UVLOR}$	VLDO UVLO rising			3.65	3.95	V	17.7, 17.16, 17.25
$VLDO_{UVLOF}$	VLDO UVLO falling			3.45	3.75	V	17.8, 17.17, 17.26
SOFT START							
I_{SS}	Soft-start current	SS = 0.3V		2	3.4	µA	18.1, 18.5, 18.9, 18.13, 18.17, 18.21, 18.25, 18.29, 18.33, 18.37, 18.41, 18.45
ERROR AMPLIFIER							
EA_{gm}	Error amplifier transconductance	$-10µA < I_{COMP} < 10µA$, $V_{(COMP)}$ = 1V		1100	2700	µA/V	19.1, 19.5, 19.9, 19.13
EA_{ISRC}	Error amplifier source current	$V_{(COMP)}$ = 1V, 100mV input overdrive		95	210	µA	19.2, 19.6, 19.10, 19.14
EA_{ISNK}	Error amplifier sink current	$V_{(COMP)}$ = 1V, 100mV input overdrive		95	210	µA	19.3, 19.7, 19.11, 19.15
EA_{OS}	Error amplifier input offset voltage			-5	6	mV	19.27, 19.30, 19.33, 19.36, 19.39, 19.42, 19.45, 19.48, 19.51, 19.54, 19.57, 19.60
EA_{IB}	Error amplifier input bias current				25	nA	19.4, 19.8, 19.12, 19.16, 19.17, 19.18, 19.19, 19.20, 19.21, 19.22, 19.23, 19.24
OSCILLATOR							

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Table 3-1. TPS7H5020-SEP Data Sheet Electrical Parameters (continued)

PARAMETER		TEST CONDITIONS		MIN	MAX	UNIT	Test #
$SYNC_{IL}$	SYNC in low-level	VLDO = 4.5V	VIN < 5V		0.8	V	20.1
			VIN ≥ 5V		0.8		20.3, 20.5, 20.7
		VLDO = 5.5V	VIN < 6V		0.8	V	20.9
			VIN ≥ 6V		0.8		20.11, 20.13
$SYNC_{IH}$	SYNC in high-level	VLDO = 4.5V	VIN < 5V	3.5		V	20.2, 20.4
			VIN ≥ 5V	3.5			20.6, 20.8
		VLDO = 5.5V	VIN < 6V	3.5		V	20.1
			VIN ≥ 6V	3.5			20.12, 20.14,
f_{SYNC}	SYNC in frequency range			100	1000	kHz	20.16, 20.20, 20.24, 20.28, 20.32, 20.34, 20.36, 20.38, 20.40, 20.44, 20.48, 20.52, 20.56, 20.60, 20.64, 20.68, 20.72, 20.74, 20.76, 20.78, 20.80, 20.82, 20.84, 20.86, 20.88, 20.90, 20.92, 20.94, 20.96, 20.98, 20.100, 20.102
f_{SW}	RT programmed switching frequency	RT = 1.18MΩ		80	110	kHz	20.15, 20.19, 20.23, 20.27, 20.71, 20.73, 20.75, 20.77
		RT = 560kΩ		175	220	kHz	20.31, 20.33, 20.35, 20.37, 20.79, 20.81, 20.83, 20.85
		RT = 210kΩ		450	550	kHz	20.39, 20.43, 20.47, 20.51, 20.87, 20.89, 20.91, 20.93
		RT = 100kΩ		925	1100	kHz	20.55, 20.59, 20.63, 20.67, 20.95, 20.97, 20.99, 20.101
VOLTAGE REFERENCE							

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Table 3-1. TPS7H5020-SEP Data Sheet Electrical Parameters (continued)

PARAMETER		TEST CONDITIONS		MIN	MAX	UNIT	Test #
VREF	Internal voltage reference	Measured at COMP, COMP = VSENSE	TA = 25°C	0.597	0.603	V	19.25, 19.28, 19.31, 19.34, 19.37, 19.40, 19.43, 19.46, 19.49, 19.52, 19.55, 19.58, 19.61, 19.63, 19.65, 19.67, 19.69, 19.71, 19.73, 19.75, 19.77, 19.79, 19.81, 19.83
REFCAP	REFCAP voltage	C_{REFCAP} = 470nF		1.208	1.235	V	21.1, 21.3, 21.5, 21.7, 21.9, 21.11, 21.13, 21.15, 21.17, 21.19, 21.21, 21.23, 21.25, 21.27, 21.29, 21.31, 21.33, 21.35, 21.37, 21.39, 21.41, 21.43, 21.45, 21.47
CURRENT SENSE							
CCSR	COMP to CS_ILIM ratio	RSC = open		1.94	2.06		28.1, 28.2, 28.3, 28.4
V_{CS_ILIM}	Current limit (overcurrent) threshold			0.96	1.04	V	28.9, 28.10, 28.11, 28.12, 28.13, 28.14, 28.15, 28.16, 28.17, 28.18, 28.19, 28.20
	CS_ILIM to OUT delay	CS_ILIM = 1V to 90% of OUT falling			115	ns	28.21, 28.22, 28.23, 28.24, 28.25, 28.26, 28.27, 28.28, 28.29, 28.30, 28.31, 28.32, 28.33, 28.34, 28.35, 28.36, 28.37, 28.38, 28.39, 28.40, 28.41, 28.42, 28.43, 28.44
GATE DRIVER							
V_{OL}	Low-level voltage	I_{OL} = 50mA			0.15	V	24.1, 24.3, 24.5, 24.7
PVIN - V_{OH}	High-level voltage	I_{OH} = 50mA			0.25	V	24.2, 24.4, 24.6, 24.8

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Table 3-1. TPS7H5020-SEP Data Sheet Electrical Parameters (continued)

PARAMETER		TEST CONDITIONS		MIN	MAX	UNIT	Test #
t_{R_OUT}	OUT rise time	C_{LOAD} = 1000pF, 10% to 90%	VIN = PVIN = 4.5V		14	ns	24.9
			VIN = PVIN = 5V		14		24.11
			VIN = PVIN = 12V		18		24.13
			VIN = PVIN = 14V		20		24.15
			VIN = 12V, PVIN = VLDO		16		24.17, 24.19, 24.21
		C_{LOAD} = 220pF, 10% to 90%	VIN = 12V, PVIN = VLDO		12		24.23, 24.25, 24.27
t_{F_OUT}	OUT fall time	C_{LOAD} = 1000pF, 90% to 10%	VIN = PVIN = 4.5V		14	ns	24.1
			VIN = PVIN = 5V		14		24.12
			VIN = PVIN = 12V		18		24.14
			VIN = PVIN = 14V		18		24.16
			VIN = 12V, PVIN = VLDO		14		24.18, 24.20, 24.22
		C_{LOAD} = 220pF, 90% to 10%	VIN = 12V, PVIN = VLDO		10		24.24, 24.26, 24.28
R_{OH}	Pull-up resistance	100mA from OUT			4.7	Ω	23.5, 23.7, 23.9, 23.11
R_{OL}	Pull-down resistance	100mA into OUT			2.8	Ω	23.6, 23.8, 23.10, 23.12
V_{UCLAMP}	Unpowered OUT clamp voltage	Switching disabled, SYS_ON = 0 1mA pull-up applied to OUT	PVIN = 0V		1	V	24.29
			0V < PVIN < 5V		2.5		24.3
PWM AND DUTY CYCLE							
TLEB	Leading edge blank time	5V ≤ VIN ≤ 14V, 10% of OUT rising to end of blanking			80	ns	25.1, 25.4, 25.7
t_{on_min}	Minimum on-time				165	ns	26.1, 26.2, 26.3, 26.4
t_{off_min}	Minimum off-time				70	ns	26.5, 26.7

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4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, *TPS7H502x-SP and TPS7H502x-SEP Radiation-Hardened 1MHz Current Mode PWM Controller With Integrated Gate Driver*, data sheet
- Texas Instruments, *TPS7H5020-SP Evaluation Module*, EVM user's guide.

4.2 Reference Documents

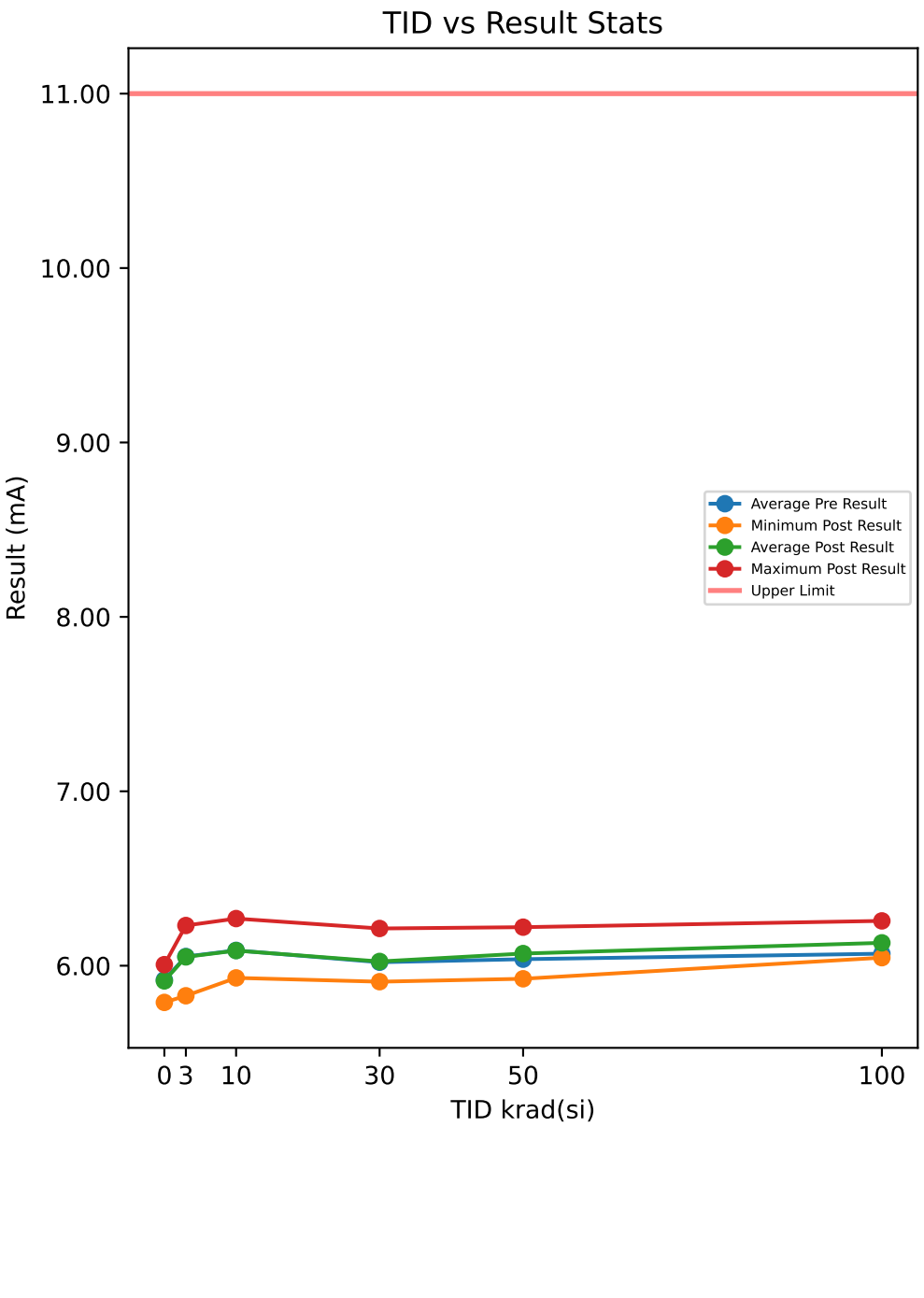
Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

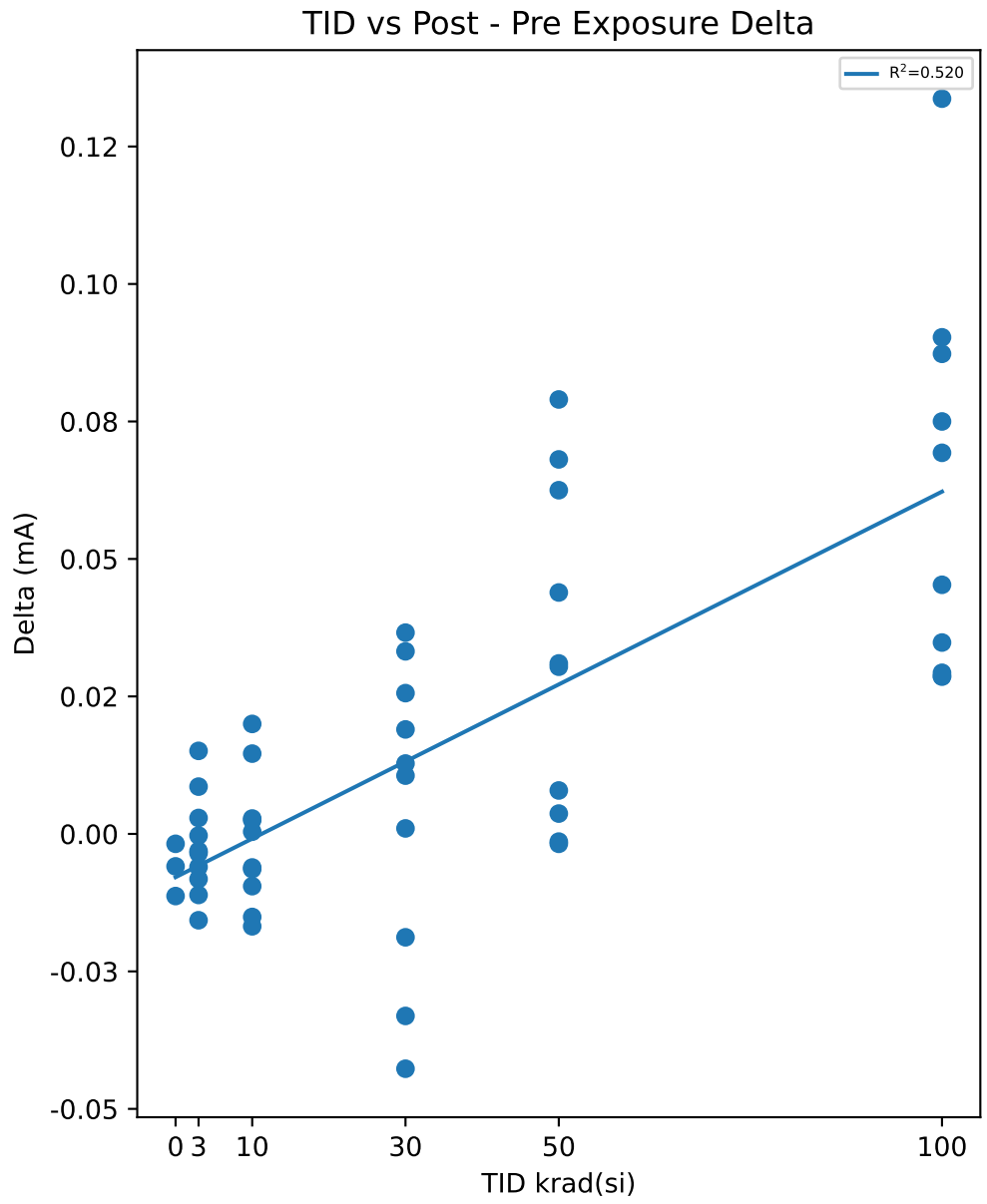
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A Appendix: HDR TID Report

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Device Test: 14.1 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/0/4.5/100kHz//@IDD_ACT_100K_NOLOAD





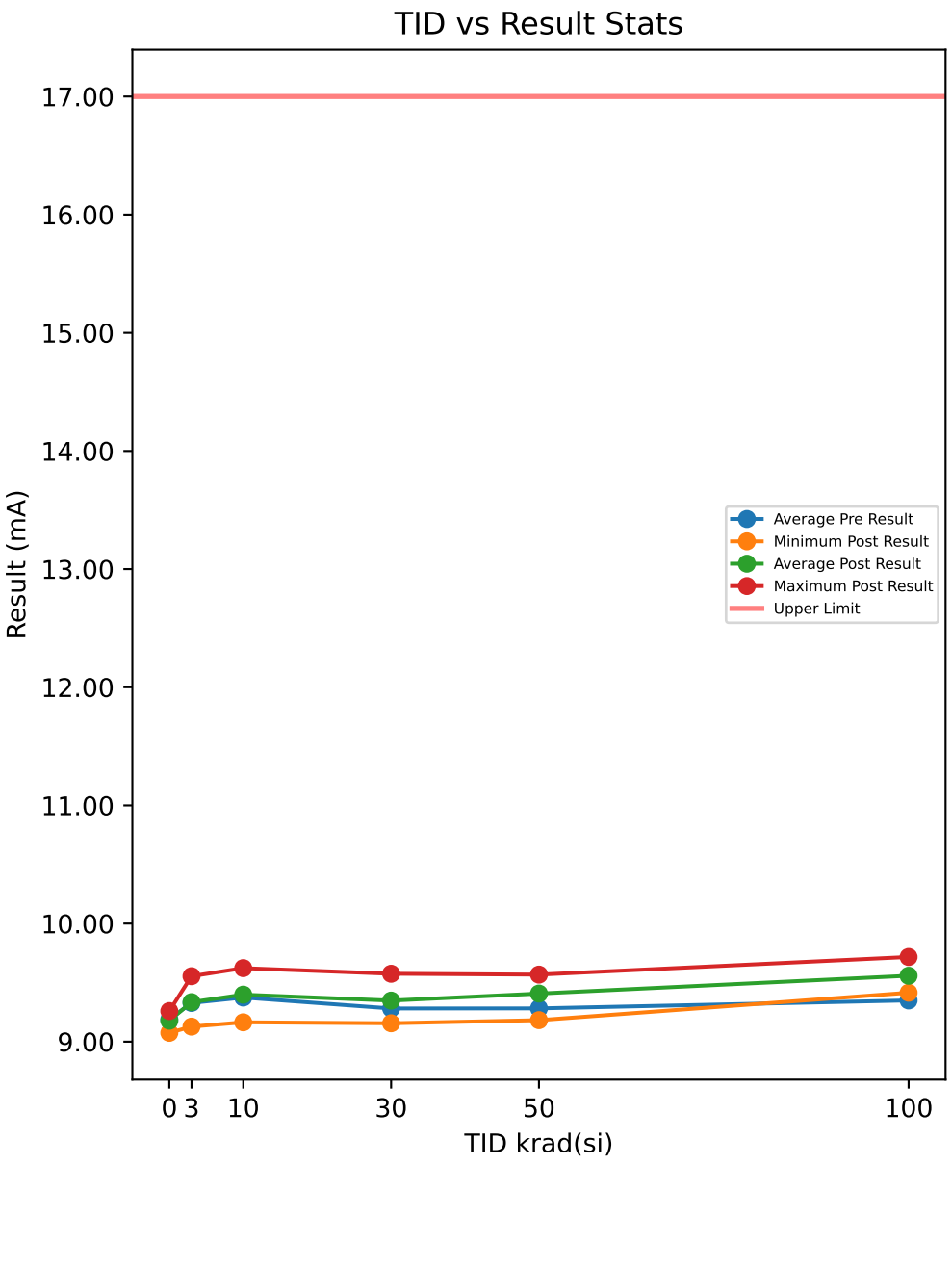
Test Results (Upper Limit = 11.0 (mA))

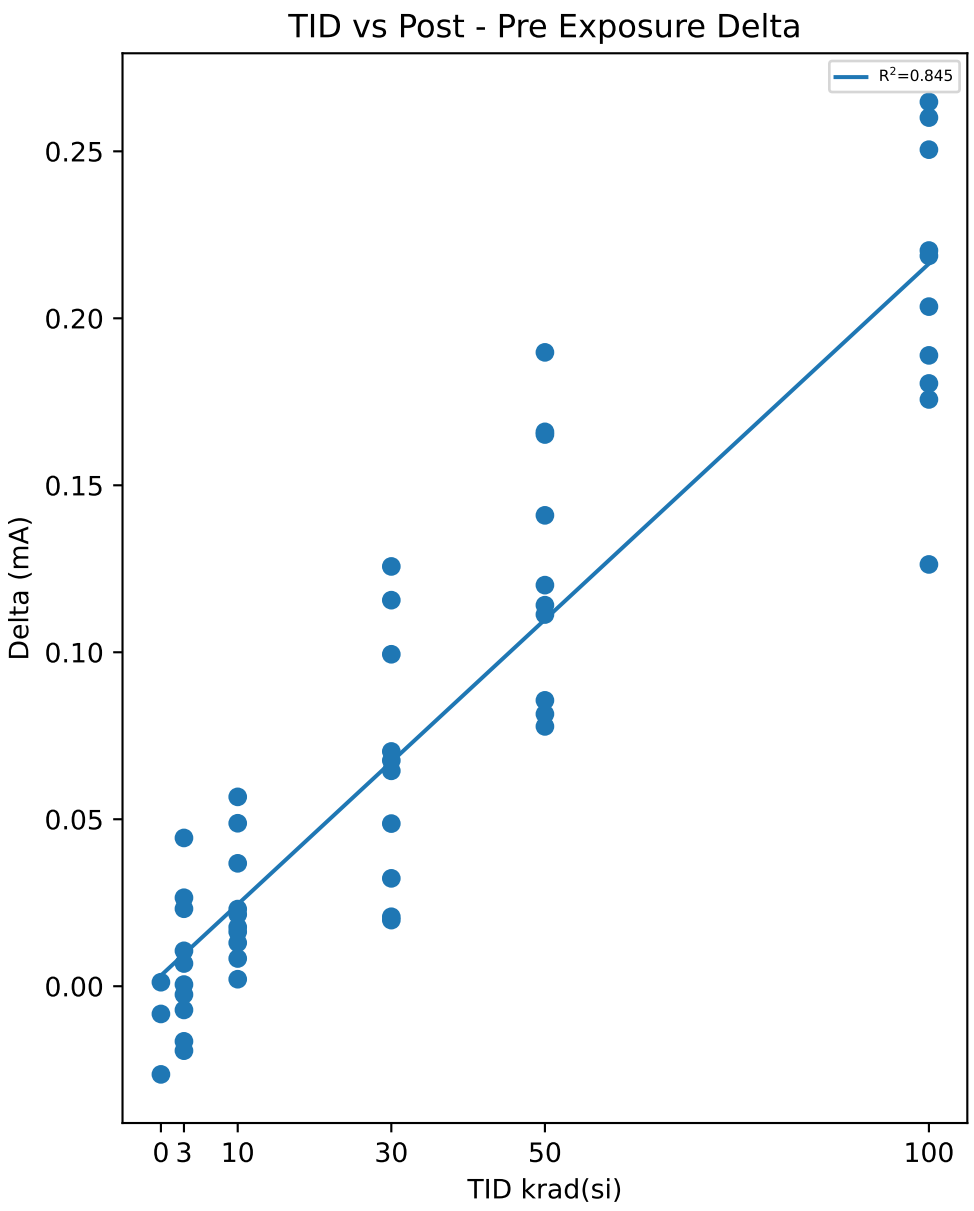
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.048	6.0398	-0.0082
2	3	HDR BIAS	5.9121	5.9118	-0.0003
3	3	HDR BIAS	6.0608	6.0637	0.0029
4	3	HDR BIAS	6.0882	6.0968	0.0086
5	3	HDR BIAS	6.0643	6.0486	-0.0157
6	3	HDR UNBIAS	6.0241	6.021	-0.0031
7	3	HDR UNBIAS	6.0884	6.0849	-0.0035
8	3	HDR UNBIAS	6.2365	6.2305	-0.006
9	3	HDR UNBIAS	5.8125	5.8276	0.0151
10	3	HDR UNBIAS	6.1911	6.18	-0.0111
11	10	HDR BIAS	6.2556	6.2702	0.0146
12	10	HDR BIAS	5.9796	5.9996	0.02
13	10	HDR BIAS	6.1239	6.1267	0.0028
14	10	HDR BIAS	6.0682	6.0686	0.0004
15	10	HDR BIAS	5.9469	5.9301	-0.0168
16	10	HDR UNBIAS	5.9635	5.9571	-0.0064
17	10	HDR UNBIAS	6.0621	6.0526	-0.0095
18	10	HDR UNBIAS	6.169	6.1715	0.0025
19	10	HDR UNBIAS	6.2495	6.2434	-0.0061
20	10	HDR UNBIAS	6.0604	6.0453	-0.0151
31	30	HDR BIAS	5.9785	5.9454	-0.0331
32	30	HDR BIAS	6.1357	6.1547	0.019
33	30	HDR BIAS	5.9746	6.0078	0.0332
34	30	HDR BIAS	5.9263	5.9273	0.001
35	30	HDR BIAS	5.9595	5.9723	0.0128
36	30	HDR UNBIAS	6.0699	6.1065	0.0366
37	30	HDR UNBIAS	6.01	6.0206	0.0106
38	30	HDR UNBIAS	5.9615	5.9871	0.0256
39	30	HDR UNBIAS	6.2561	6.2134	-0.0427
40	30	HDR UNBIAS	5.9271	5.9083	-0.0188
41	50	HDR BIAS	5.9268	5.925	-0.0018
42	50	HDR BIAS	6.0169	6.0155	-0.0014
43	50	HDR BIAS	5.9751	6.0055	0.0304
44	50	HDR BIAS	6.1145	6.1826	0.0681
45	50	HDR BIAS	6.0765	6.0844	0.0079
46	50	HDR UNBIAS	6.0451	6.1076	0.0625
47	50	HDR UNBIAS	6.0187	6.0224	0.0037
48	50	HDR UNBIAS	5.9468	5.9907	0.0439
49	50	HDR UNBIAS	6.1899	6.2209	0.031
50	50	HDR UNBIAS	6.063	6.142	0.079
51	100	HDR BIAS	6.0189	6.0642	0.0453
52	100	HDR BIAS	6.0619	6.1492	0.0873
53	100	HDR BIAS	6.0072	6.0822	0.075
54	100	HDR BIAS	6.1232	6.2569	0.1337
55	100	HDR BIAS	6.1393	6.1741	0.0348
56	100	HDR UNBIAS	6.0073	6.0976	0.0903
57	100	HDR UNBIAS	6.1556	6.1842	0.0286
58	100	HDR UNBIAS	6.0604	6.0897	0.0293
59	100	HDR UNBIAS	6.0173	6.046	0.0287
60	100	HDR UNBIAS	6.0973	6.1666	0.0693
71	0	CORRELATION	5.954	5.9427	-0.0113
72	0	CORRELATION	5.7954	5.7895	-0.0059
73	0	CORRELATION	6.0079	6.0061	-0.0018

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	5.7954	5.9191	6.0079	0.11047	5.7895	5.9128	6.0061	0.11136	-0.0113	-0.0063333	-0.0018	0.0047648
3	5.8125	6.0526	6.2365	0.12201	5.8276	6.0505	6.2305	0.11671	-0.0157	-0.00213	0.0151	0.0091888
10	5.9469	6.0879	6.2556	0.11106	5.9301	6.0865	6.2702	0.11505	-0.0168	-0.00136	0.02	0.011961
30	5.9263	6.0199	6.2561	0.10541	5.9083	6.0243	6.2134	0.10164	-0.0427	0.00442	0.0366	0.027512
50	5.9268	6.0373	6.1899	0.079258	5.925	6.0697	6.2209	0.093668	-0.0018	0.03233	0.079	0.030233
100	6.0072	6.0688	6.1556	0.056875	6.046	6.1311	6.2569	0.065851	0.0286	0.06223	0.1337	0.035144

Device Test: 14.10 IDD|SUPPLY CURRENT/IN/12/12/0/0/5/500kHz//@IDD_ACT_500K_NOLOAD





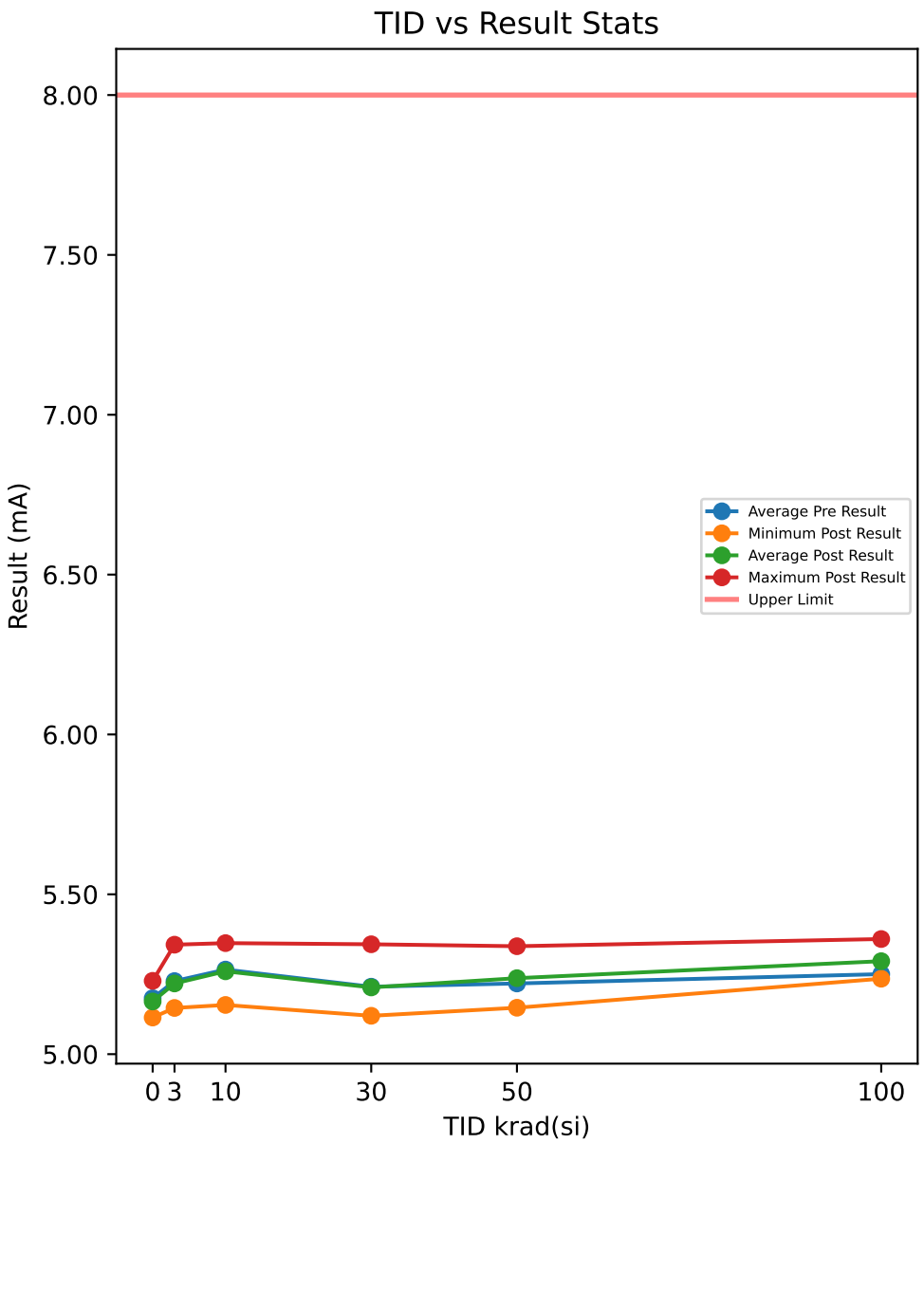
Test Results (Upper Limit = 17.0 (mA))

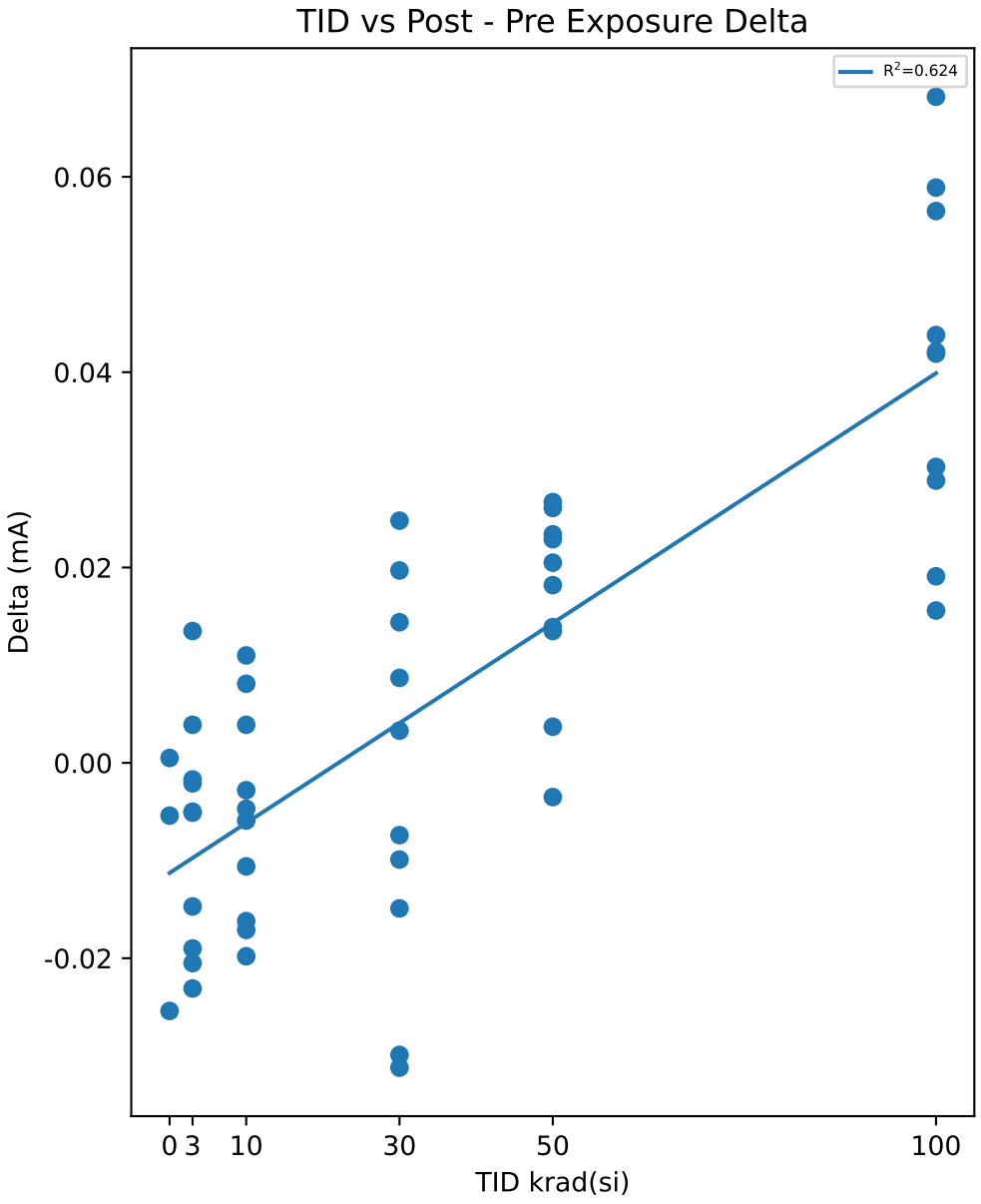
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	9.3372	9.3207	-0.0165
2	3	HDR BIAS	9.2702	9.277	0.0068
3	3	HDR BIAS	9.3656	9.3921	0.0265
4	3	HDR BIAS	9.3302	9.3307	0.0005
5	3	HDR BIAS	9.2834	9.2809	-0.0025
6	3	HDR UNBIAS	9.2587	9.2819	0.0232
7	3	HDR UNBIAS	9.3357	9.3286	-0.0071
8	3	HDR UNBIAS	9.5436	9.5542	0.0106
9	3	HDR UNBIAS	9.083	9.1274	0.0444
10	3	HDR UNBIAS	9.4733	9.454	-0.0193
11	10	HDR BIAS	9.5856	9.6224	0.0368
12	10	HDR BIAS	9.2489	9.2977	0.0488
13	10	HDR BIAS	9.3899	9.392	0.0021
14	10	HDR BIAS	9.4097	9.4328	0.0231
15	10	HDR BIAS	9.1463	9.164	0.0177
16	10	HDR UNBIAS	9.2465	9.2548	0.0083
17	10	HDR UNBIAS	9.3463	9.3678	0.0215
18	10	HDR UNBIAS	9.4336	9.4903	0.0567
19	10	HDR UNBIAS	9.5931	9.6061	0.013
20	10	HDR UNBIAS	9.3363	9.3526	0.0163
31	30	HDR BIAS	9.272	9.2918	0.0198
32	30	HDR BIAS	9.3949	9.4652	0.0703
33	30	HDR BIAS	9.2832	9.3826	0.0994
34	30	HDR BIAS	9.135	9.1558	0.0208
35	30	HDR BIAS	9.1736	9.2381	0.0645
36	30	HDR UNBIAS	9.3134	9.4391	0.1257
37	30	HDR UNBIAS	9.2469	9.3145	0.0676
38	30	HDR UNBIAS	9.2742	9.3898	0.1156
39	30	HDR UNBIAS	9.5262	9.5749	0.0487
40	30	HDR UNBIAS	9.1919	9.2242	0.0323
41	50	HDR BIAS	9.1043	9.1821	0.0778
42	50	HDR BIAS	9.2168	9.3024	0.0856
43	50	HDR BIAS	9.1872	9.2687	0.0815
44	50	HDR BIAS	9.3763	9.5173	0.141
45	50	HDR BIAS	9.3148	9.4349	0.1201
46	50	HDR UNBIAS	9.356	9.5212	0.1652
47	50	HDR UNBIAS	9.2635	9.3748	0.1113
48	50	HDR UNBIAS	9.2103	9.3763	0.166
49	50	HDR UNBIAS	9.4535	9.5676	0.1141
50	50	HDR UNBIAS	9.336	9.5258	0.1898
51	100	HDR BIAS	9.2387	9.4144	0.1757
52	100	HDR BIAS	9.2472	9.4361	0.1889
53	100	HDR BIAS	9.2887	9.5074	0.2187
54	100	HDR BIAS	9.4199	9.6704	0.2505
55	100	HDR BIAS	9.4554	9.5817	0.1263
56	100	HDR UNBIAS	9.231	9.4958	0.2648
57	100	HDR UNBIAS	9.399	9.6193	0.2203
58	100	HDR UNBIAS	9.3952	9.5987	0.2035
59	100	HDR UNBIAS	9.3589	9.5394	0.1805
60	100	HDR UNBIAS	9.4567	9.7168	0.2601
71	0	CORRELATION	9.2247	9.1983	-0.0264
72	0	CORRELATION	9.0833	9.075	-0.0083
73	0	CORRELATION	9.2579	9.2591	0.0012

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	9.0833	9.1886	9.2579	0.092719	9.075	9.1775	9.2591	0.093802	-0.0264	-0.011167	0.0012	0.014022
3	9.083	9.3281	9.5436	0.12442	9.1274	9.3347	9.5542	0.11448	-0.0193	0.00666	0.0444	0.020079
10	9.1463	9.3736	9.5931	0.14291	9.164	9.3981	9.6224	0.14595	0.0021	0.02443	0.0567	0.017637
30	9.135	9.2811	9.5262	0.11364	9.1558	9.3476	9.5749	0.12697	0.0198	0.06647	0.1257	0.037673
50	9.1043	9.2819	9.4535	0.10439	9.1821	9.4071	9.5676	0.12846	0.0778	0.12524	0.1898	0.039093
100	9.231	9.3491	9.4567	0.089919	9.4144	9.558	9.7168	0.0978	0.1263	0.20893	0.2648	0.043287

Device Test: 14.11 IDD_DIS|STANDBY CURRENT/IN/12/12/0/0/5/500kHz//@IDD_DIS





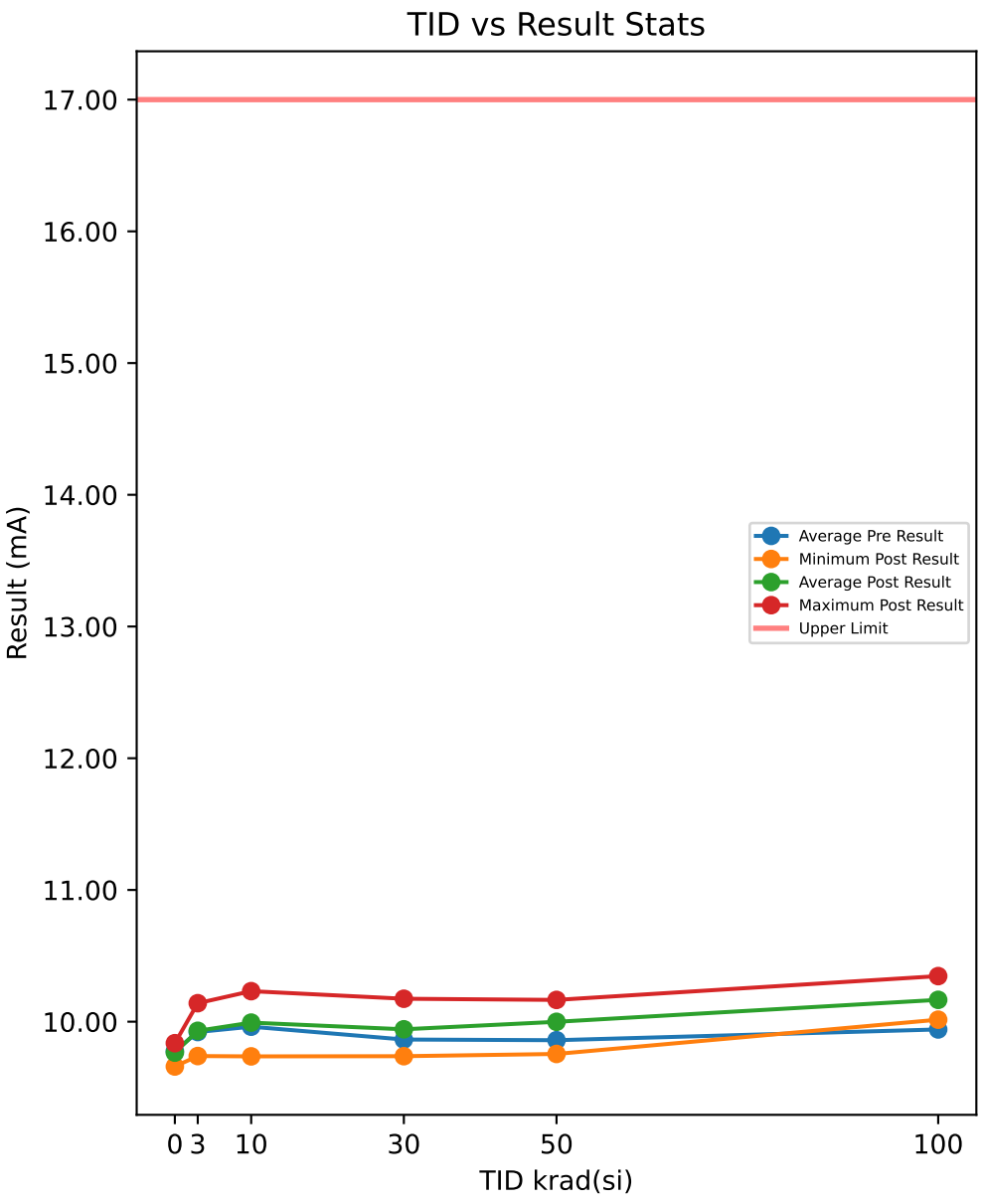
Test Results (Upper Limit = 8.0 (mA))

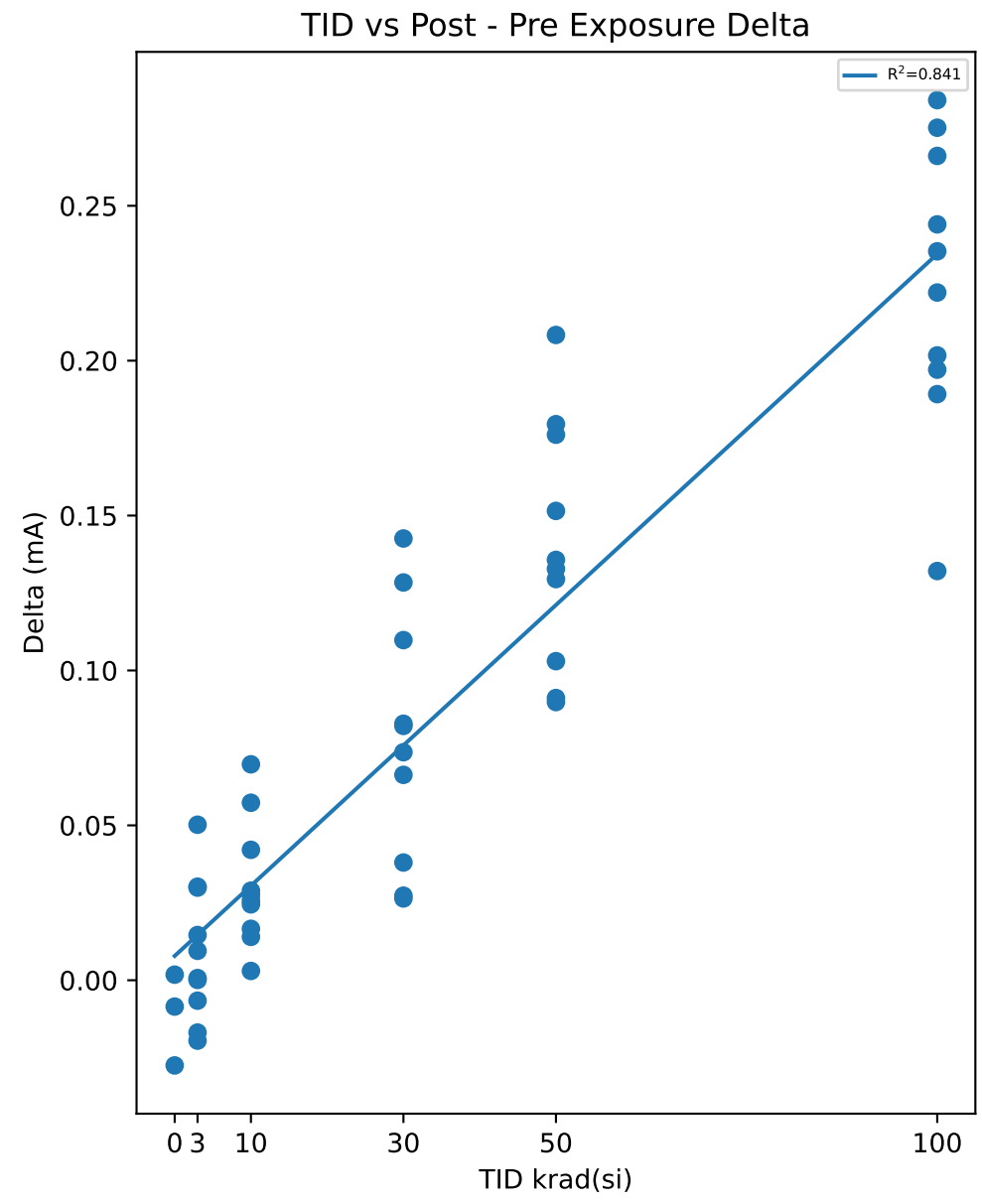
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	5.2366	5.2161	-0.0205
2	3	HDR BIAS	5.1516	5.1495	-0.0021
3	3	HDR BIAS	5.2633	5.2672	0.0039
4	3	HDR BIAS	5.1992	5.1845	-0.0147
5	3	HDR BIAS	5.2366	5.2315	-0.0051
6	3	HDR UNBIAS	5.1683	5.1666	-0.0017
7	3	HDR UNBIAS	5.2482	5.2292	-0.019
8	3	HDR UNBIAS	5.3474	5.3424	-0.005
9	3	HDR UNBIAS	5.131	5.1445	0.0135
10	3	HDR UNBIAS	5.3033	5.2802	-0.0231
11	10	HDR BIAS	5.3392	5.3473	0.0081
12	10	HDR BIAS	5.2767	5.2806	0.0039
13	10	HDR BIAS	5.2417	5.2246	-0.0171
14	10	HDR BIAS	5.2443	5.2415	-0.0028
15	10	HDR BIAS	5.1586	5.1539	-0.0047
16	10	HDR UNBIAS	5.2551	5.2353	-0.0198
17	10	HDR UNBIAS	5.2371	5.2312	-0.0059
18	10	HDR UNBIAS	5.315	5.326	0.011
19	10	HDR UNBIAS	5.3038	5.2876	-0.0162
20	10	HDR UNBIAS	5.274	5.2634	-0.0106
31	30	HDR BIAS	5.1906	5.1607	-0.0299
32	30	HDR BIAS	5.2872	5.2959	0.0087
33	30	HDR BIAS	5.1564	5.1812	0.0248
34	30	HDR BIAS	5.1349	5.12	-0.0149
35	30	HDR BIAS	5.1727	5.176	0.0033
36	30	HDR UNBIAS	5.2336	5.248	0.0144
37	30	HDR UNBIAS	5.2206	5.2107	-0.0099
38	30	HDR UNBIAS	5.1892	5.2089	0.0197
39	30	HDR UNBIAS	5.3511	5.3437	-0.0074
40	30	HDR UNBIAS	5.1736	5.1424	-0.0312
41	50	HDR BIAS	5.127	5.1452	0.0182
42	50	HDR BIAS	5.2247	5.2386	0.0139
43	50	HDR BIAS	5.1681	5.1646	-0.0035
44	50	HDR BIAS	5.2775	5.298	0.0205
45	50	HDR BIAS	5.2618	5.2847	0.0229
46	50	HDR UNBIAS	5.21	5.2334	0.0234
47	50	HDR UNBIAS	5.2101	5.2236	0.0135
48	50	HDR UNBIAS	5.174	5.2001	0.0261
49	50	HDR UNBIAS	5.3339	5.3376	0.0037
50	50	HDR UNBIAS	5.2243	5.251	0.0267
51	100	HDR BIAS	5.1922	5.236	0.0438
52	100	HDR BIAS	5.2364	5.2667	0.0303
53	100	HDR BIAS	5.2391	5.268	0.0289
54	100	HDR BIAS	5.274	5.3329	0.0589
55	100	HDR BIAS	5.3106	5.3262	0.0156
56	100	HDR UNBIAS	5.2334	5.2899	0.0565
57	100	HDR UNBIAS	5.2558	5.2979	0.0421
58	100	HDR UNBIAS	5.2106	5.2525	0.0419
59	100	HDR UNBIAS	5.259	5.2781	0.0191
60	100	HDR UNBIAS	5.2919	5.3601	0.0682
71	0	CORRELATION	5.1759	5.1505	-0.0254
72	0	CORRELATION	5.12	5.1146	-0.0054
73	0	CORRELATION	5.2288	5.2293	0.0005

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	5.12	5.1749	5.2288	0.054407	5.1146	5.1648	5.2293	0.058672	-0.0254	-0.0101	0.0005	0.013575
3	5.131	5.2286	5.3474	0.067795	5.1445	5.2212	5.3424	0.0631	-0.0231	-0.00738	0.0135	0.011748
10	5.1586	5.2645	5.3392	0.050438	5.1539	5.2591	5.3473	0.055237	-0.0198	-0.00541	0.011	0.010714
30	5.1349	5.211	5.3511	0.065461	5.12	5.2088	5.3437	0.069738	-0.0312	-0.00224	0.0248	0.01969
50	5.127	5.2211	5.3339	0.059359	5.1452	5.2377	5.3376	0.059192	-0.0035	0.01654	0.0267	0.0099065
100	5.1922	5.2503	5.3106	0.035886	5.236	5.2908	5.3601	0.038889	0.0156	0.04053	0.0682	0.017301

Device Test: 14.12 IDD|SUPPLY CURRENT/IN/14/14/0/0/5/500kHz//@IDD_ACT_500K_NOLOAD





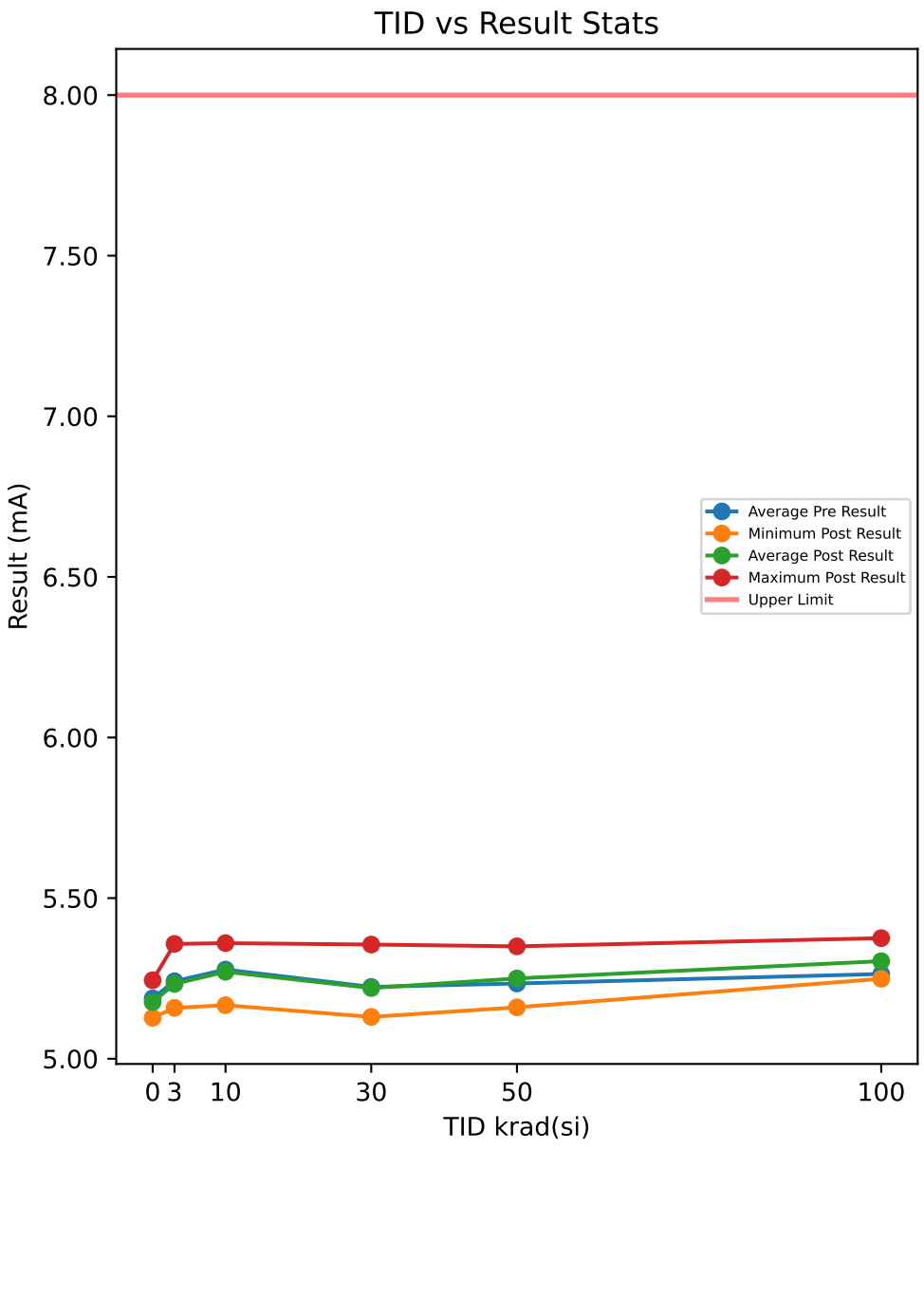
Test Results (Upper Limit = 17.0 (mA))

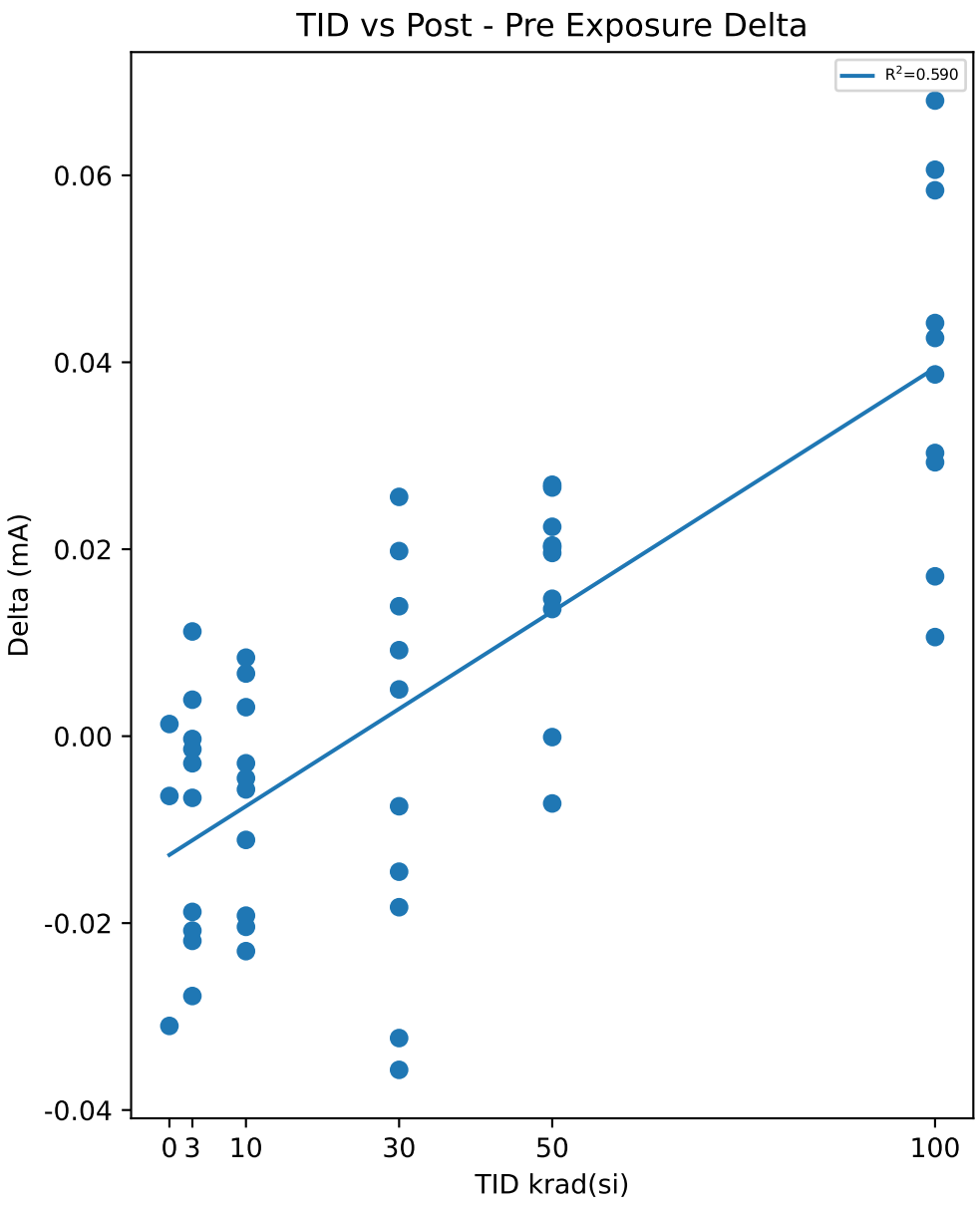
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	9.9379	9.921	-0.0169
2	3	HDR BIAS	9.9037	9.9132	0.0095
3	3	HDR BIAS	9.9677	9.9979	0.0302
4	3	HDR BIAS	9.9188	9.9189	0.0001
5	3	HDR BIAS	9.8608	9.8615	0.0007
6	3	HDR UNBIAS	9.8426	9.8725	0.0299
7	3	HDR UNBIAS	9.9066	9.9	-0.0066
8	3	HDR UNBIAS	10.126	10.14	0.0146
9	3	HDR UNBIAS	9.6889	9.7391	0.0502
10	3	HDR UNBIAS	10.063	10.043	-0.0195
11	10	HDR BIAS	10.184	10.226	0.0421
12	10	HDR BIAS	9.8247	9.882	0.0573
13	10	HDR BIAS	9.9692	9.9722	0.003
14	10	HDR BIAS	10.028	10.056	0.0289
15	10	HDR BIAS	9.7109	9.7366	0.0257
16	10	HDR UNBIAS	9.832	9.846	0.014
17	10	HDR UNBIAS	9.9358	9.9633	0.0275
18	10	HDR UNBIAS	9.9957	10.065	0.0697
19	10	HDR UNBIAS	10.215	10.232	0.0166
20	10	HDR UNBIAS	9.9247	9.9492	0.0245
31	30	HDR BIAS	9.8747	9.9011	0.0264
32	30	HDR BIAS	9.9802	10.063	0.0828
33	30	HDR BIAS	9.8626	9.9724	0.1098
34	30	HDR BIAS	9.7107	9.738	0.0273
35	30	HDR BIAS	9.7442	9.8178	0.0736
36	30	HDR UNBIAS	9.8877	10.03	0.1426
37	30	HDR UNBIAS	9.8106	9.8927	0.0821
38	30	HDR UNBIAS	9.8902	10.019	0.1284
39	30	HDR UNBIAS	10.108	10.174	0.0663
40	30	HDR UNBIAS	9.7761	9.8141	0.038
41	50	HDR BIAS	9.6639	9.755	0.0911
42	50	HDR BIAS	9.7754	9.8784	0.103
43	50	HDR BIAS	9.7488	9.8386	0.0898
44	50	HDR BIAS	9.9606	10.112	0.1515
45	50	HDR BIAS	9.8874	10.023	0.1357
46	50	HDR UNBIAS	9.9566	10.133	0.1761
47	50	HDR UNBIAS	9.8486	9.9781	0.1295
48	50	HDR UNBIAS	9.7993	9.9788	0.1795
49	50	HDR UNBIAS	10.033	10.165	0.1328
50	50	HDR UNBIAS	9.9196	10.128	0.2083
51	100	HDR BIAS	9.8355	10.025	0.1892
52	100	HDR BIAS	9.8135	10.015	0.2017
53	100	HDR BIAS	9.8806	10.116	0.2353
54	100	HDR BIAS	10.003	10.269	0.2661
55	100	HDR BIAS	10.05	10.182	0.1321
56	100	HDR UNBIAS	9.7961	10.08	0.2841
57	100	HDR UNBIAS	9.9886	10.233	0.244
58	100	HDR UNBIAS	10.017	10.239	0.222
59	100	HDR UNBIAS	9.9549	10.152	0.1971
60	100	HDR UNBIAS	10.071	10.346	0.2752
71	0	CORRELATION	9.8262	9.7987	-0.0275
72	0	CORRELATION	9.6683	9.6598	-0.0085
73	0	CORRELATION	9.8349	9.8367	0.0018

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	9.6683	9.7765	9.8349	0.093776	9.6598	9.7651	9.8367	0.093123	-0.0275	-0.0114	0.0018	0.014864
3	9.6889	9.9215	10.126	0.11955	9.7391	9.9308	10.14	0.10929	-0.0195	0.00922	0.0502	0.022334
10	9.7109	9.9619	10.215	0.15621	9.7366	9.9929	10.232	0.15755	0.003	0.03093	0.0697	0.020221
30	9.7107	9.8645	10.108	0.11678	9.738	9.9422	10.174	0.13358	0.0264	0.07773	0.1426	0.040487
50	9.6639	9.8593	10.033	0.11319	9.755	9.999	10.165	0.13991	0.0898	0.13973	0.2083	0.03961
100	9.7961	9.941	10.071	0.10162	10.015	10.166	10.346	0.10843	0.1321	0.22468	0.2841	0.04644

Device Test: 14.13 IDD_DIS|STANDBY CURRENT/IN/14/14/0/0/5/500kHz//@IDD_DIS





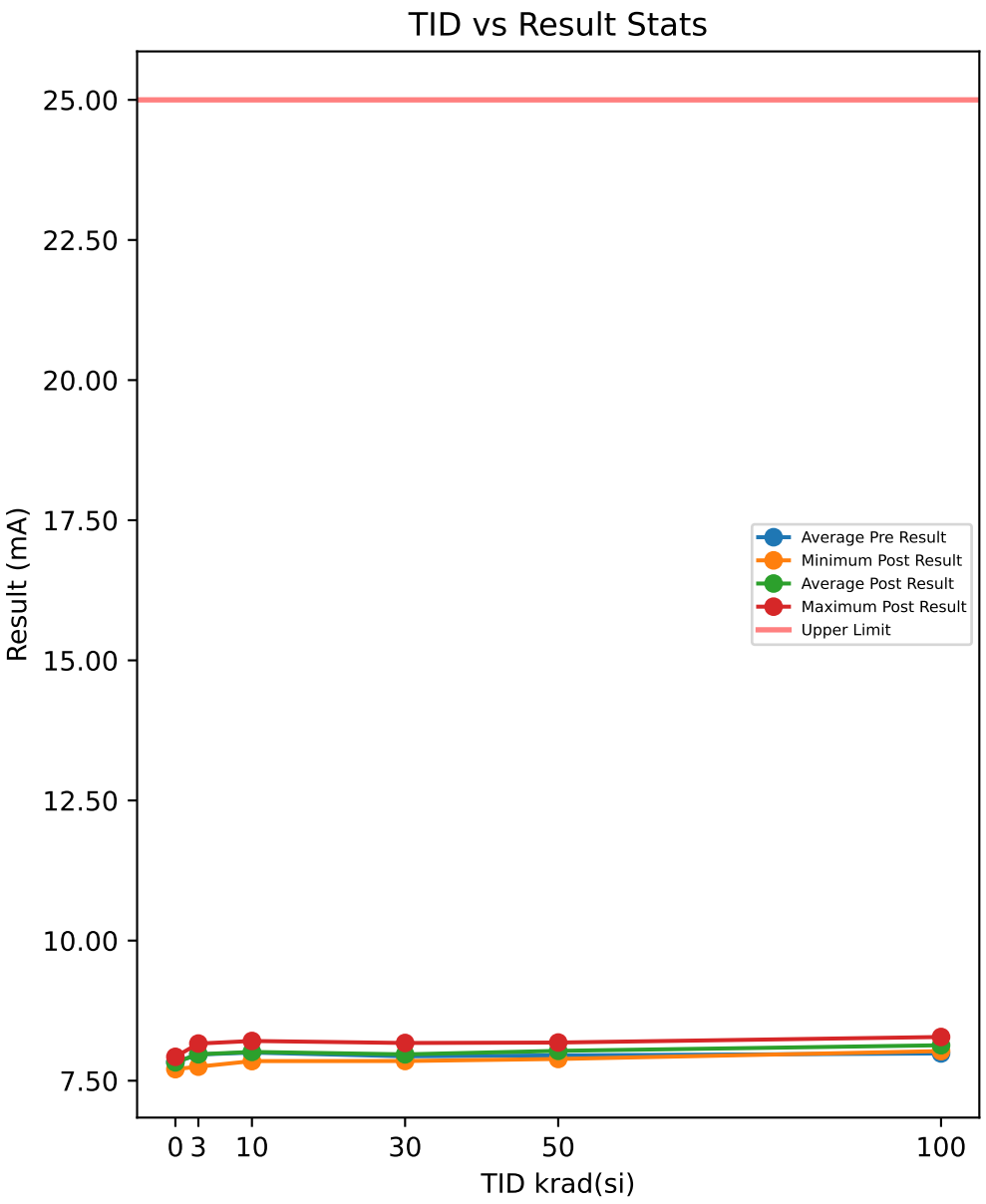
Test Results (Upper Limit = 8.0 (mA))

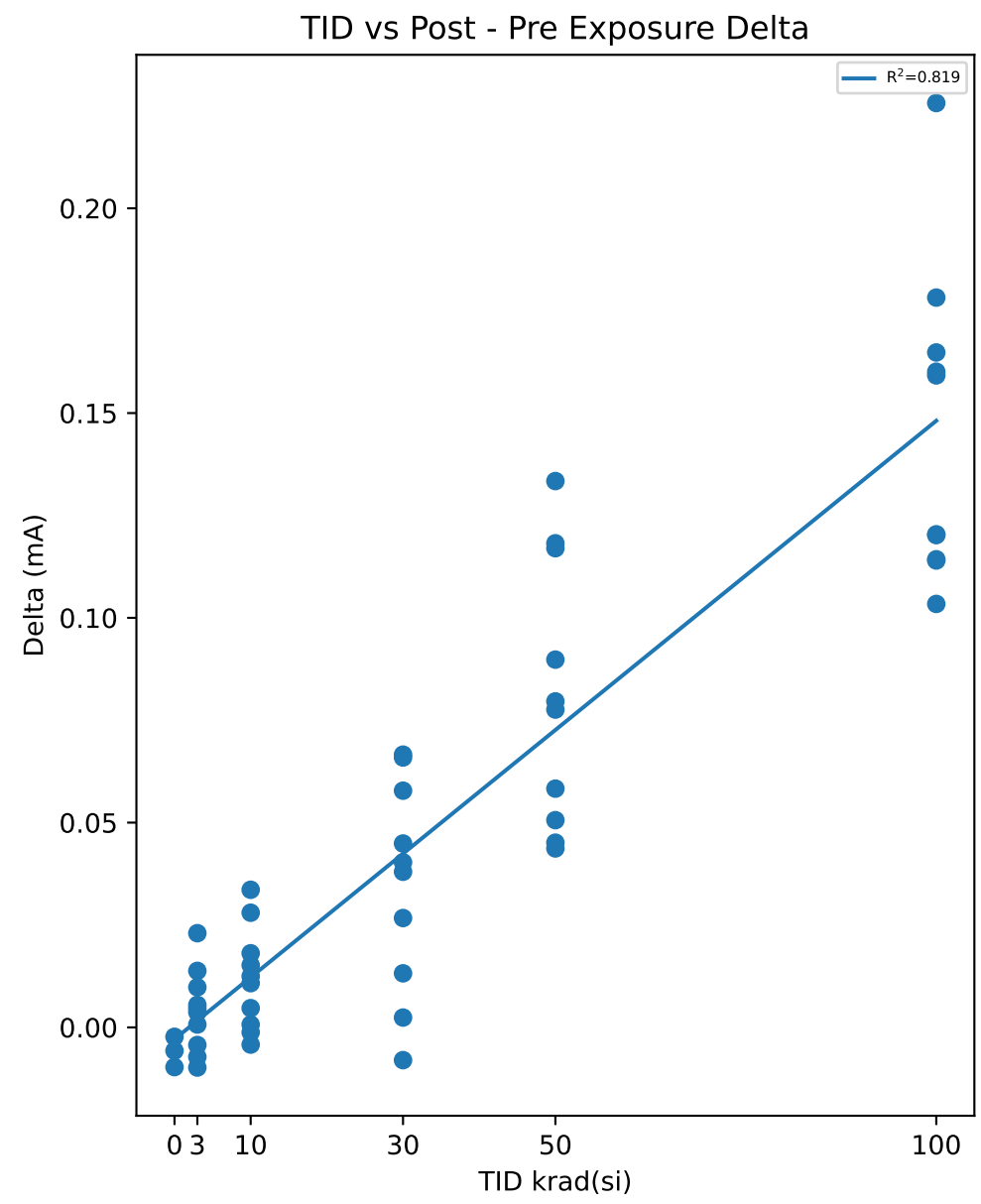
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	5.2488	5.2269	-0.0219
2	3	HDR BIAS	5.1642	5.1639	-0.0003
3	3	HDR BIAS	5.2758	5.2797	0.0039
4	3	HDR BIAS	5.2111	5.1923	-0.0188
5	3	HDR BIAS	5.2483	5.2417	-0.0066
6	3	HDR UNBIAS	5.1811	5.1797	-0.0014
7	3	HDR UNBIAS	5.261	5.2402	-0.0208
8	3	HDR UNBIAS	5.3603	5.3574	-0.0029
9	3	HDR UNBIAS	5.1471	5.1583	0.0112
10	3	HDR UNBIAS	5.3154	5.2876	-0.0278
11	10	HDR BIAS	5.3531	5.3598	0.0067
12	10	HDR BIAS	5.2916	5.2947	0.0031
13	10	HDR BIAS	5.2543	5.2351	-0.0192
14	10	HDR BIAS	5.2577	5.2548	-0.0029
15	10	HDR BIAS	5.1711	5.1666	-0.0045
16	10	HDR UNBIAS	5.2665	5.2435	-0.023
17	10	HDR UNBIAS	5.2489	5.2432	-0.0057
18	10	HDR UNBIAS	5.3286	5.337	0.0084
19	10	HDR UNBIAS	5.316	5.2956	-0.0204
20	10	HDR UNBIAS	5.2884	5.2773	-0.0111
31	30	HDR BIAS	5.2058	5.1701	-0.0357
32	30	HDR BIAS	5.2982	5.3074	0.0092
33	30	HDR BIAS	5.1654	5.191	0.0256
34	30	HDR BIAS	5.1485	5.1302	-0.0183
35	30	HDR BIAS	5.1827	5.1877	0.005
36	30	HDR UNBIAS	5.2488	5.2627	0.0139
37	30	HDR UNBIAS	5.2351	5.2206	-0.0145
38	30	HDR UNBIAS	5.2029	5.2227	0.0198
39	30	HDR UNBIAS	5.363	5.3555	-0.0075
40	30	HDR UNBIAS	5.1855	5.1532	-0.0323
41	50	HDR BIAS	5.1404	5.16	0.0196
42	50	HDR BIAS	5.2366	5.2513	0.0147
43	50	HDR BIAS	5.1821	5.1749	-0.0072
44	50	HDR BIAS	5.2888	5.3092	0.0204
45	50	HDR BIAS	5.2759	5.2983	0.0224
46	50	HDR UNBIAS	5.2226	5.2428	0.0202
47	50	HDR UNBIAS	5.2224	5.236	0.0136
48	50	HDR UNBIAS	5.1886	5.2152	0.0266
49	50	HDR UNBIAS	5.35	5.3499	-0.0001
50	50	HDR UNBIAS	5.235	5.2619	0.0269
51	100	HDR BIAS	5.2048	5.249	0.0442
52	100	HDR BIAS	5.2472	5.2765	0.0293
53	100	HDR BIAS	5.2525	5.2828	0.0303
54	100	HDR BIAS	5.2867	5.3473	0.0606
55	100	HDR BIAS	5.3259	5.3365	0.0106
56	100	HDR UNBIAS	5.2449	5.3033	0.0584
57	100	HDR UNBIAS	5.2691	5.3117	0.0426
58	100	HDR UNBIAS	5.2246	5.2633	0.0387
59	100	HDR UNBIAS	5.2745	5.2916	0.0171
60	100	HDR UNBIAS	5.3074	5.3754	0.068
71	0	CORRELATION	5.1873	5.1563	-0.031
72	0	CORRELATION	5.1338	5.1274	-0.0064
73	0	CORRELATION	5.243	5.2443	0.0013

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	5.1338	5.188	5.243	0.054604	5.1274	5.176	5.2443	0.060889	-0.031	-0.012033	0.0013	0.016871
3	5.1471	5.2413	5.3603	0.067239	5.1583	5.2328	5.3574	0.062941	-0.0278	-0.00854	0.0112	0.012927
10	5.1711	5.2776	5.3531	0.050899	5.1666	5.2708	5.3598	0.055204	-0.023	-0.00686	0.0084	0.011317
30	5.1485	5.2236	5.363	0.065542	5.1302	5.2201	5.3555	0.070499	-0.0357	-0.00348	0.0256	0.021469
50	5.1404	5.2342	5.35	0.05963	5.16	5.25	5.3499	0.05884	-0.0072	0.01571	0.0269	0.011186
100	5.2048	5.2638	5.3259	0.036822	5.249	5.3037	5.3754	0.039622	0.0106	0.03998	0.068	0.018769

Device Test: 14.14 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/0/4.5/1MHz//@IDD_ACT_1M_NOLOAD





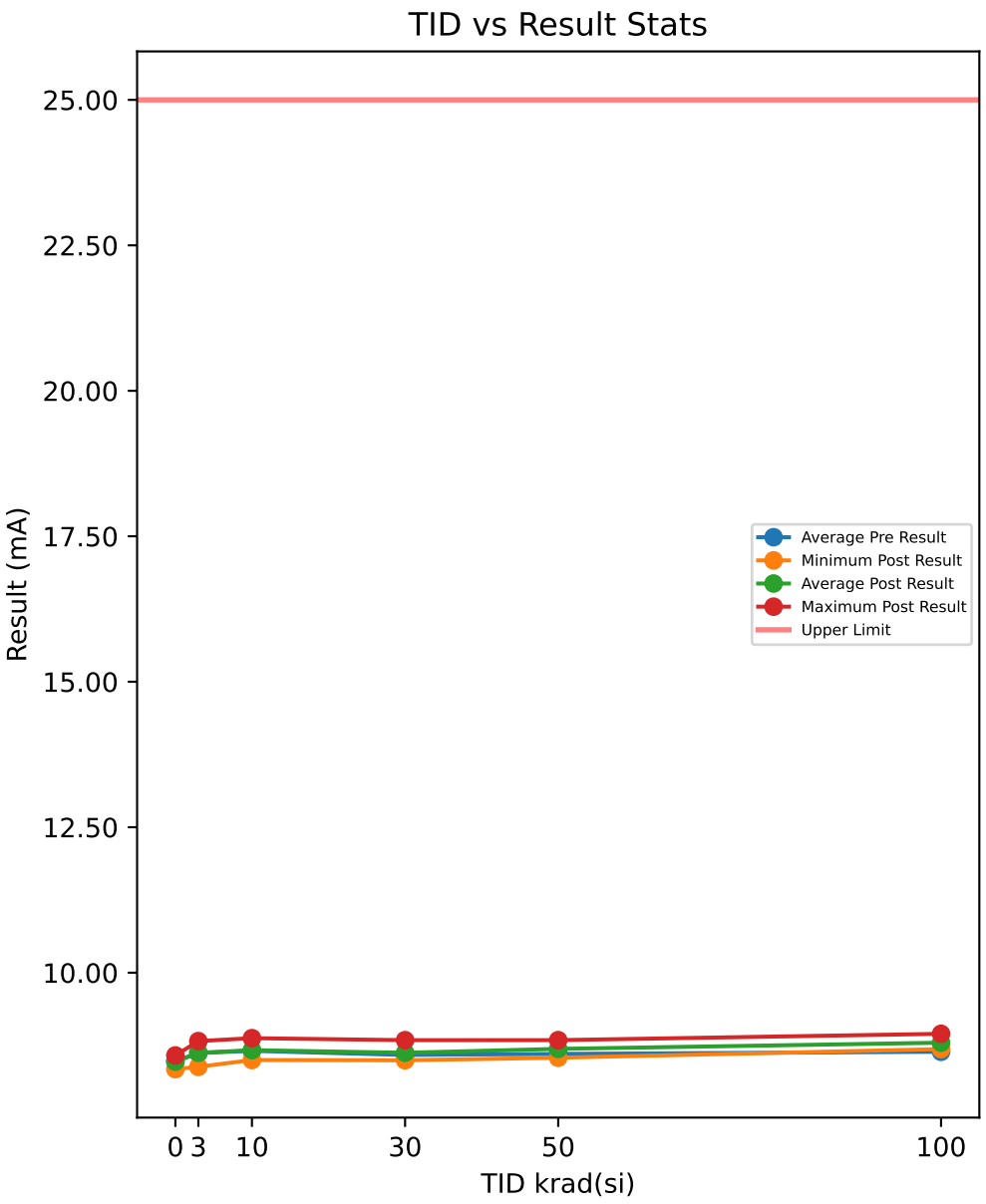
Test Results (Upper Limit = 25.0 (mA))

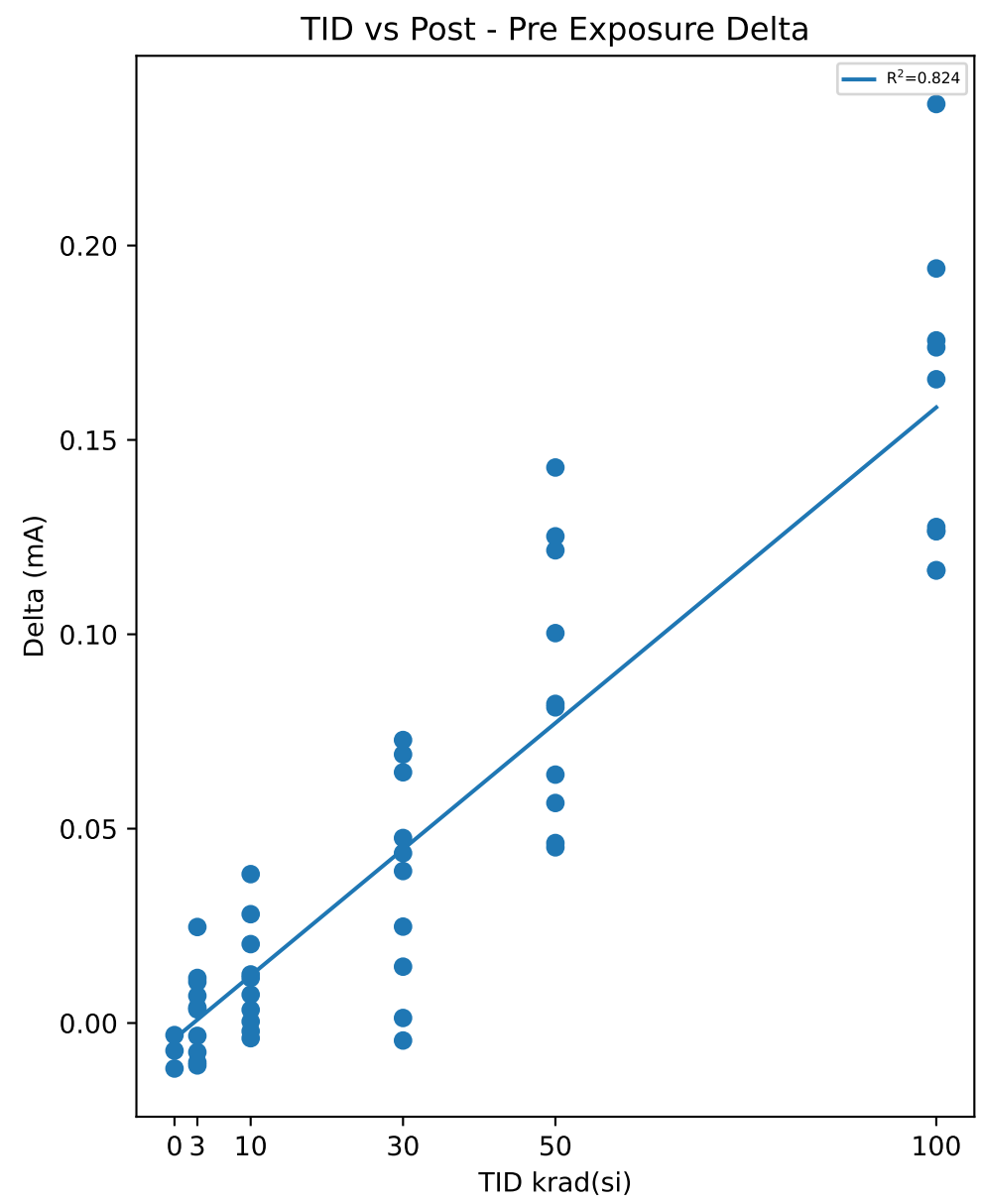
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	7.953	7.9487	-0.0043
2	3	HDR BIAS	7.8318	7.8364	0.0046
3	3	HDR BIAS	7.9657	7.9755	0.0098
4	3	HDR BIAS	8.005	8.0188	0.0138
5	3	HDR BIAS	7.9663	7.9565	-0.0098
6	3	HDR UNBIAS	7.9383	7.9438	0.0055
7	3	HDR UNBIAS	8.0176	8.0183	0.0007
8	3	HDR UNBIAS	8.159	8.1627	0.0037
9	3	HDR UNBIAS	7.7273	7.7503	0.023
10	3	HDR UNBIAS	8.1114	8.1042	-0.0072
11	10	HDR BIAS	8.181	8.209	0.028
12	10	HDR BIAS	7.8856	7.9192	0.0336
13	10	HDR BIAS	8.049	8.0642	0.0152
14	10	HDR BIAS	7.989	8.0015	0.0125
15	10	HDR BIAS	7.8542	7.85	-0.0042
16	10	HDR UNBIAS	7.8734	7.8781	0.0047
17	10	HDR UNBIAS	7.9696	7.9703	0.0007
18	10	HDR UNBIAS	8.0869	8.105	0.0181
19	10	HDR UNBIAS	8.1686	8.1794	0.0108
20	10	HDR UNBIAS	7.9643	7.9631	-0.0012
31	30	HDR BIAS	7.8555	7.8579	0.0024
32	30	HDR BIAS	8.0544	8.0993	0.0449
33	30	HDR BIAS	7.9131	7.979	0.0659
34	30	HDR BIAS	7.8248	7.8515	0.0267
35	30	HDR BIAS	7.8736	7.9139	0.0403
36	30	HDR UNBIAS	7.9948	8.0614	0.0666
37	30	HDR UNBIAS	7.9292	7.9672	0.038
38	30	HDR UNBIAS	7.8829	7.9407	0.0578
39	30	HDR UNBIAS	8.1813	8.1733	-0.008
40	30	HDR UNBIAS	7.8437	7.8569	0.0132
41	50	HDR BIAS	7.8426	7.8877	0.0451
42	50	HDR BIAS	7.9232	7.9669	0.0437
43	50	HDR BIAS	7.8862	7.9638	0.0776
44	50	HDR BIAS	8.0237	8.1407	0.117
45	50	HDR BIAS	7.9821	8.0404	0.0583
46	50	HDR UNBIAS	7.9755	8.0937	0.1182
47	50	HDR UNBIAS	7.9298	7.9804	0.0506
48	50	HDR UNBIAS	7.8589	7.9487	0.0898
49	50	HDR UNBIAS	8.1014	8.181	0.0796
50	50	HDR UNBIAS	7.9899	8.1233	0.1334
51	100	HDR BIAS	7.9085	8.0287	0.1202
52	100	HDR BIAS	7.9521	8.1122	0.1601
53	100	HDR BIAS	7.922	8.0868	0.1648
54	100	HDR BIAS	8.0544	8.2801	0.2257
55	100	HDR BIAS	8.0711	8.1851	0.114
56	100	HDR UNBIAS	7.9298	8.108	0.1782
57	100	HDR UNBIAS	8.0543	8.1577	0.1034
58	100	HDR UNBIAS	7.9948	8.1152	0.1204
59	100	HDR UNBIAS	7.9533	8.0676	0.1143
60	100	HDR UNBIAS	8.0237	8.1829	0.1592
71	0	CORRELATION	7.8591	7.8494	-0.0097
72	0	CORRELATION	7.7121	7.7064	-0.0057
73	0	CORRELATION	7.9282	7.9259	-0.0023

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	7.7121	7.8331	7.9282	0.11037	7.7064	7.8272	7.9259	0.11142	-0.0097	-0.0059	-0.0023	0.0037041
3	7.7273	7.9675	8.159	0.12404	7.7503	7.9715	8.1627	0.11893	-0.0098	0.00398	0.023	0.0099389
10	7.8542	8.0022	8.181	0.11728	7.85	8.014	8.209	0.12256	-0.0042	0.01182	0.0336	0.012423
30	7.8248	7.9353	8.1813	0.1117	7.8515	7.9701	8.1733	0.1105	-0.008	0.03478	0.0666	0.025957
50	7.8426	7.9513	8.1014	0.07933	7.8877	8.0327	8.181	0.09749	0.0437	0.08133	0.1334	0.032719
100	7.9085	7.9864	8.0711	0.061066	8.0287	8.1324	8.2801	0.071581	0.1034	0.14603	0.2257	0.038413

Device Test: 14.15 IDD|SUPPLY CURRENT/IN/5/5/0/0/5/1MHz//@IDD_ACT_1M_NOLOAD





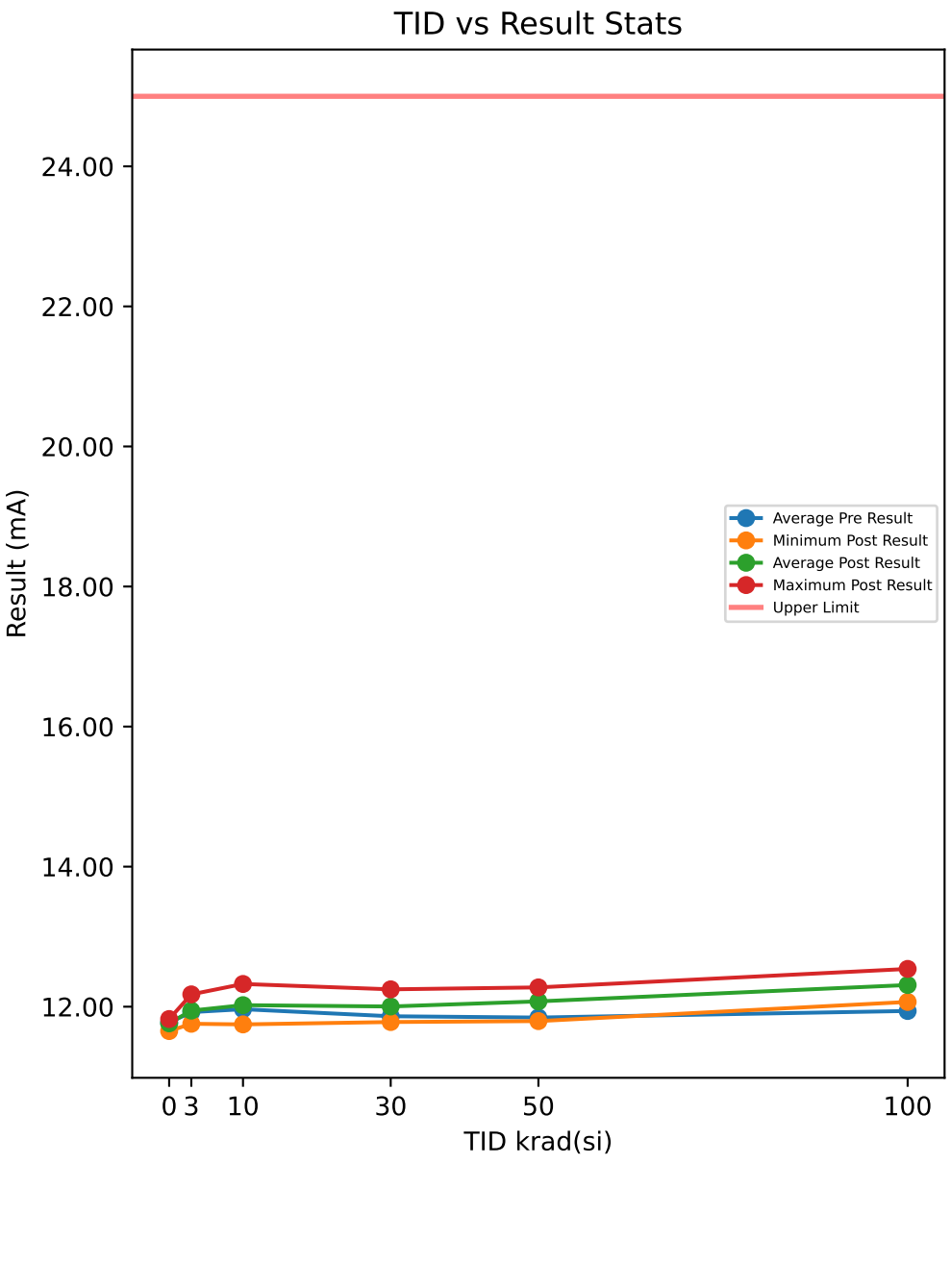
Test Results (Upper Limit = 25.0 (mA))

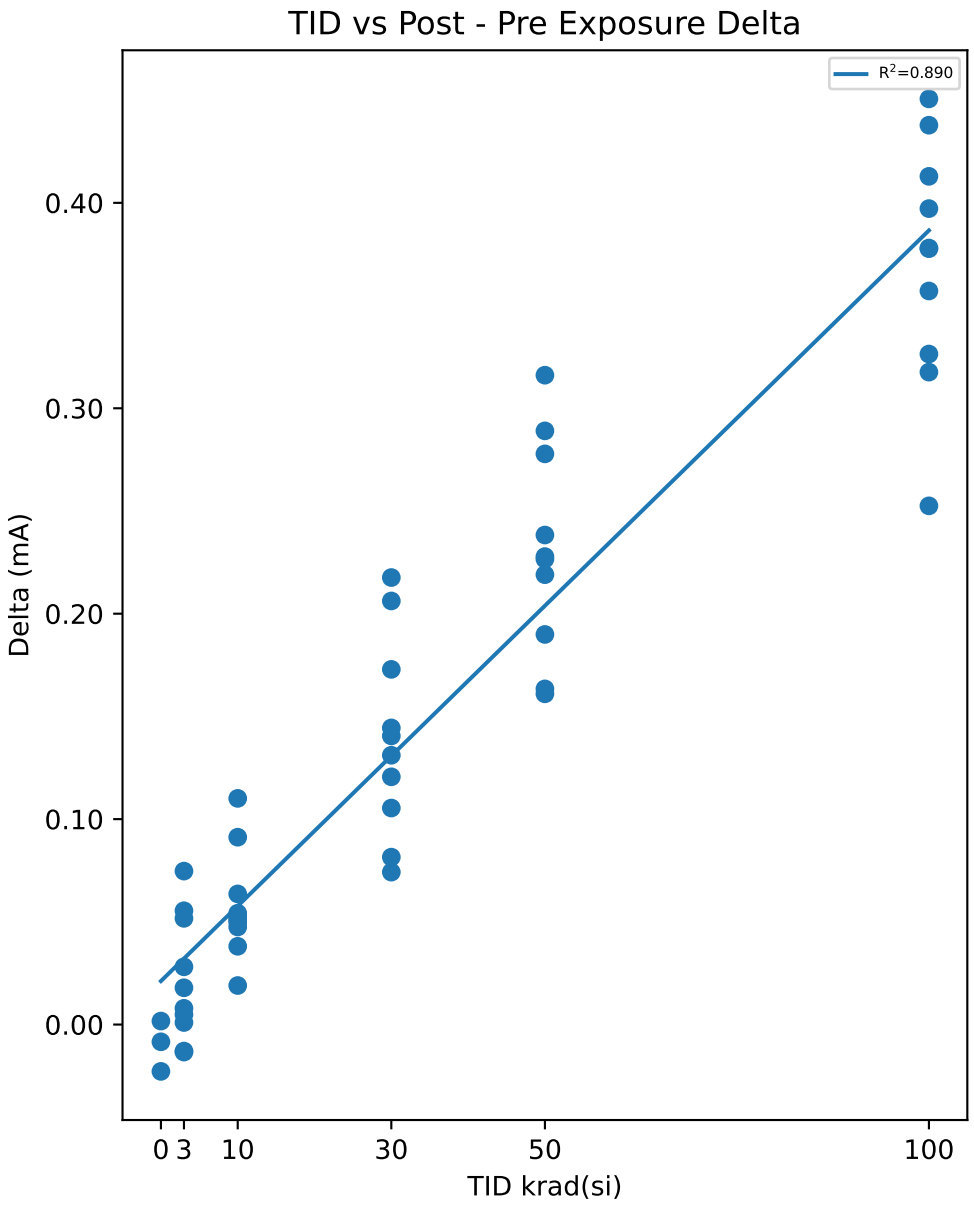
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	8.606	8.5985	-0.0075
2	3	HDR BIAS	8.4793	8.4828	0.0035
3	3	HDR BIAS	8.6169	8.6285	0.0116
4	3	HDR BIAS	8.6647	8.6753	0.0106
5	3	HDR BIAS	8.6166	8.6065	-0.0101
6	3	HDR UNBIAS	8.5874	8.5944	0.007
7	3	HDR UNBIAS	8.6762	8.6729	-0.0033
8	3	HDR UNBIAS	8.8201	8.8241	0.004
9	3	HDR UNBIAS	8.3571	8.3818	0.0247
10	3	HDR UNBIAS	8.7712	8.7603	-0.0109
11	10	HDR BIAS	8.8468	8.8748	0.028
12	10	HDR BIAS	8.5266	8.5649	0.0383
13	10	HDR BIAS	8.7088	8.7213	0.0125
14	10	HDR BIAS	8.6461	8.6577	0.0116
15	10	HDR BIAS	8.5029	8.499	-0.0039
16	10	HDR UNBIAS	8.5189	8.5223	0.0034
17	10	HDR UNBIAS	8.6235	8.6239	0.0004
18	10	HDR UNBIAS	8.7462	8.7665	0.0203
19	10	HDR UNBIAS	8.833	8.8403	0.0073
20	10	HDR UNBIAS	8.6175	8.6154	-0.0021
31	30	HDR BIAS	8.5022	8.5035	0.0013
32	30	HDR BIAS	8.7093	8.7569	0.0476
33	30	HDR BIAS	8.5683	8.6374	0.0691
34	30	HDR BIAS	8.4701	8.4949	0.0248
35	30	HDR BIAS	8.5205	8.5642	0.0437
36	30	HDR UNBIAS	8.6478	8.7206	0.0728
37	30	HDR UNBIAS	8.5824	8.6215	0.0391
38	30	HDR UNBIAS	8.5285	8.593	0.0645
39	30	HDR UNBIAS	8.8448	8.8403	-0.0045
40	30	HDR UNBIAS	8.4893	8.5038	0.0145
41	50	HDR BIAS	8.4933	8.5385	0.0452
42	50	HDR BIAS	8.5689	8.6152	0.0463
43	50	HDR BIAS	8.5389	8.6201	0.0812
44	50	HDR BIAS	8.678	8.8032	0.1252
45	50	HDR BIAS	8.6329	8.6968	0.0639
46	50	HDR UNBIAS	8.6302	8.7518	0.1216
47	50	HDR UNBIAS	8.5823	8.6389	0.0566
48	50	HDR UNBIAS	8.5093	8.6096	0.1003
49	50	HDR UNBIAS	8.7586	8.8407	0.0821
50	50	HDR UNBIAS	8.6472	8.7901	0.1429
51	100	HDR BIAS	8.5601	8.6866	0.1265
52	100	HDR BIAS	8.6028	8.7684	0.1656
53	100	HDR BIAS	8.5714	8.747	0.1756
54	100	HDR BIAS	8.7132	8.9496	0.2364
55	100	HDR BIAS	8.7324	8.8488	0.1164
56	100	HDR UNBIAS	8.5755	8.7696	0.1941
57	100	HDR UNBIAS	8.7102	8.8267	0.1165
58	100	HDR UNBIAS	8.6526	8.7802	0.1276
59	100	HDR UNBIAS	8.6078	8.7344	0.1266
60	100	HDR UNBIAS	8.6823	8.8561	0.1738
71	0	CORRELATION	8.5049	8.4932	-0.0117
72	0	CORRELATION	8.3495	8.3424	-0.0071
73	0	CORRELATION	8.5805	8.5774	-0.0031

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	8.3495	8.4783	8.5805	0.11777	8.3424	8.471	8.5774	0.11906	-0.0117	-0.0073	-0.0031	0.0043035
3	8.3571	8.6196	8.8201	0.1326	8.3818	8.6225	8.8241	0.12652	-0.0109	0.00296	0.0247	0.011228
10	8.5029	8.657	8.8468	0.12484	8.499	8.6686	8.8748	0.1292	-0.0039	0.01158	0.0383	0.013733
30	8.4701	8.5863	8.8448	0.11725	8.4949	8.6236	8.8403	0.11744	-0.0045	0.03729	0.0728	0.02765
50	8.4933	8.604	8.7586	0.081601	8.5385	8.6905	8.8407	0.10106	0.0452	0.08653	0.1429	0.034761
100	8.5601	8.6408	8.7324	0.06535	8.6866	8.7967	8.9496	0.075131	0.1164	0.15591	0.2364	0.03997

Device Test: 14.16 IDD|SUPPLY CURRENT/IN/12/12/0/0/5/1MHz//@IDD_ACT_1M_NOLOAD





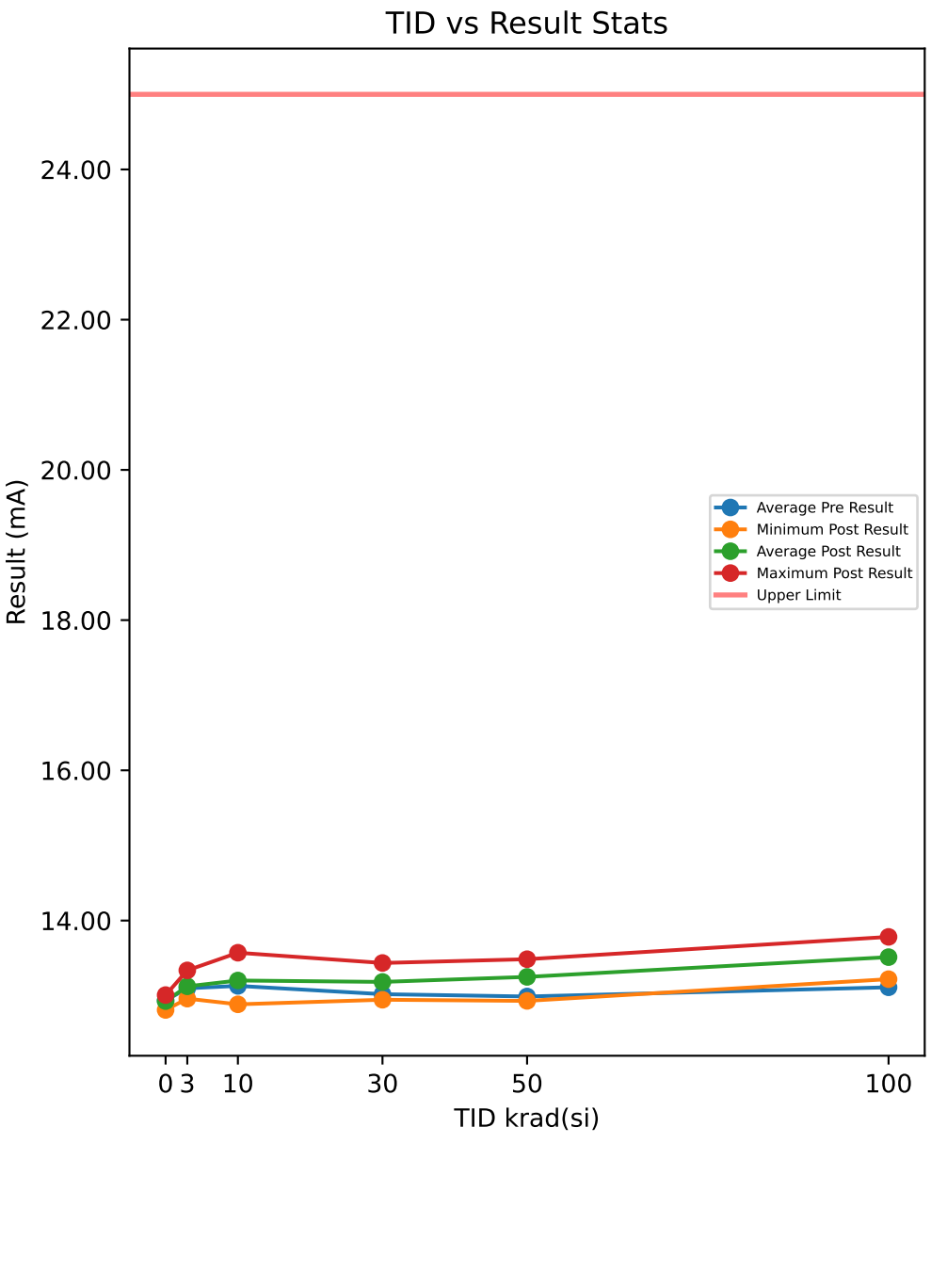
Test Results (Upper Limit = 25.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	11.933	11.92	-0.0134
2	3	HDR BIAS	11.93	11.947	0.0179
3	3	HDR BIAS	11.979	12.031	0.0517
4	3	HDR BIAS	11.921	11.926	0.0049
5	3	HDR BIAS	11.827	11.835	0.0079
6	3	HDR UNBIAS	11.837	11.892	0.0554
7	3	HDR UNBIAS	11.901	11.902	0.001
8	3	HDR UNBIAS	12.148	12.176	0.0281
9	3	HDR UNBIAS	11.681	11.756	0.0747
10	3	HDR UNBIAS	12.07	12.057	-0.0129
11	10	HDR BIAS	12.223	12.286	0.0636
12	10	HDR BIAS	11.785	11.876	0.0912
13	10	HDR BIAS	11.98	11.999	0.019
14	10	HDR BIAS	12.061	12.111	0.0499
15	10	HDR BIAS	11.696	11.747	0.051
16	10	HDR UNBIAS	11.826	11.864	0.0381
17	10	HDR UNBIAS	11.941	11.995	0.0542
18	10	HDR UNBIAS	11.97	12.08	0.1101
19	10	HDR UNBIAS	12.277	12.325	0.0475
20	10	HDR UNBIAS	11.882	11.934	0.0524
31	30	HDR BIAS	11.873	11.954	0.0815
32	30	HDR BIAS	11.951	12.082	0.1311
33	30	HDR BIAS	11.932	12.104	0.1729
34	30	HDR BIAS	11.707	11.781	0.0742
35	30	HDR BIAS	11.712	11.833	0.1206
36	30	HDR UNBIAS	11.876	12.093	0.2176
37	30	HDR UNBIAS	11.786	11.926	0.1405
38	30	HDR UNBIAS	11.918	12.124	0.2062
39	30	HDR UNBIAS	12.103	12.248	0.1444
40	30	HDR UNBIAS	11.777	11.883	0.1054
41	50	HDR BIAS	11.633	11.794	0.161
42	50	HDR BIAS	11.725	11.915	0.1899
43	50	HDR BIAS	11.739	11.902	0.1634
44	50	HDR BIAS	11.931	12.169	0.2383
45	50	HDR BIAS	11.873	12.101	0.2278
46	50	HDR UNBIAS	11.998	12.275	0.2778
47	50	HDR UNBIAS	11.835	12.055	0.219
48	50	HDR UNBIAS	11.778	12.067	0.289
49	50	HDR UNBIAS	12.015	12.242	0.2266
50	50	HDR UNBIAS	11.921	12.237	0.3161
51	100	HDR BIAS	11.789	12.115	0.3264
52	100	HDR BIAS	11.751	12.068	0.3176
53	100	HDR BIAS	11.885	12.263	0.3777
54	100	HDR BIAS	12.022	12.435	0.4129
55	100	HDR BIAS	12.075	12.327	0.2525
56	100	HDR UNBIAS	11.777	12.215	0.4378
57	100	HDR UNBIAS	11.954	12.351	0.3972
58	100	HDR UNBIAS	12.079	12.457	0.378
59	100	HDR UNBIAS	11.969	12.326	0.3571
60	100	HDR UNBIAS	12.089	12.539	0.4506
71	0	CORRELATION	11.834	11.811	-0.0228
72	0	CORRELATION	11.66	11.652	-0.0084
73	0	CORRELATION	11.822	11.824	0.0017

Test Statistics (mA)

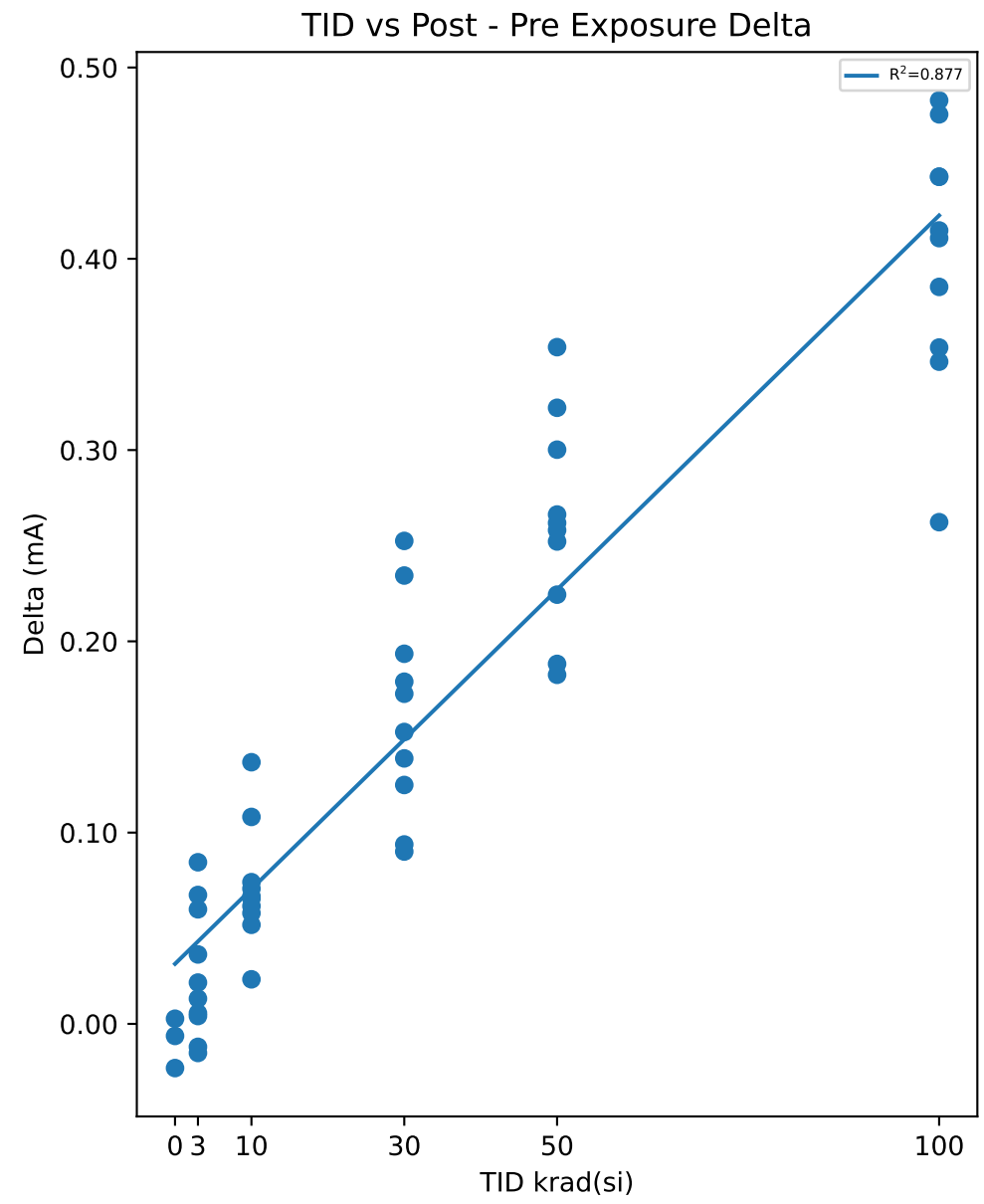
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.66	11.772	11.834	0.096912	11.652	11.762	11.824	0.095708	-0.0228	-0.0098333	0.0017	0.012313
3	11.681	11.923	12.148	0.12948	11.756	11.944	12.176	0.11862	-0.0134	0.02153	0.0747	0.03024
10	11.696	11.964	12.277	0.18399	11.747	12.022	12.325	0.18356	0.019	0.0577	0.1101	0.025895
30	11.707	11.863	12.103	0.12199	11.781	12.003	12.248	0.14917	0.0742	0.13944	0.2176	0.048198
50	11.633	11.845	12.015	0.12528	11.794	12.076	12.275	0.16281	0.161	0.23089	0.3161	0.051835
100	11.751	11.939	12.089	0.13146	12.068	12.31	12.539	0.14893	0.2525	0.37078	0.4506	0.060009

Device Test: 14.17 IDD|SUPPLY CURRENT/IN/14/14/0/0/5/1MHz//@IDD_ACT_1M_NOLOAD



Test Results (Upper Limit = 25.0 (mA))

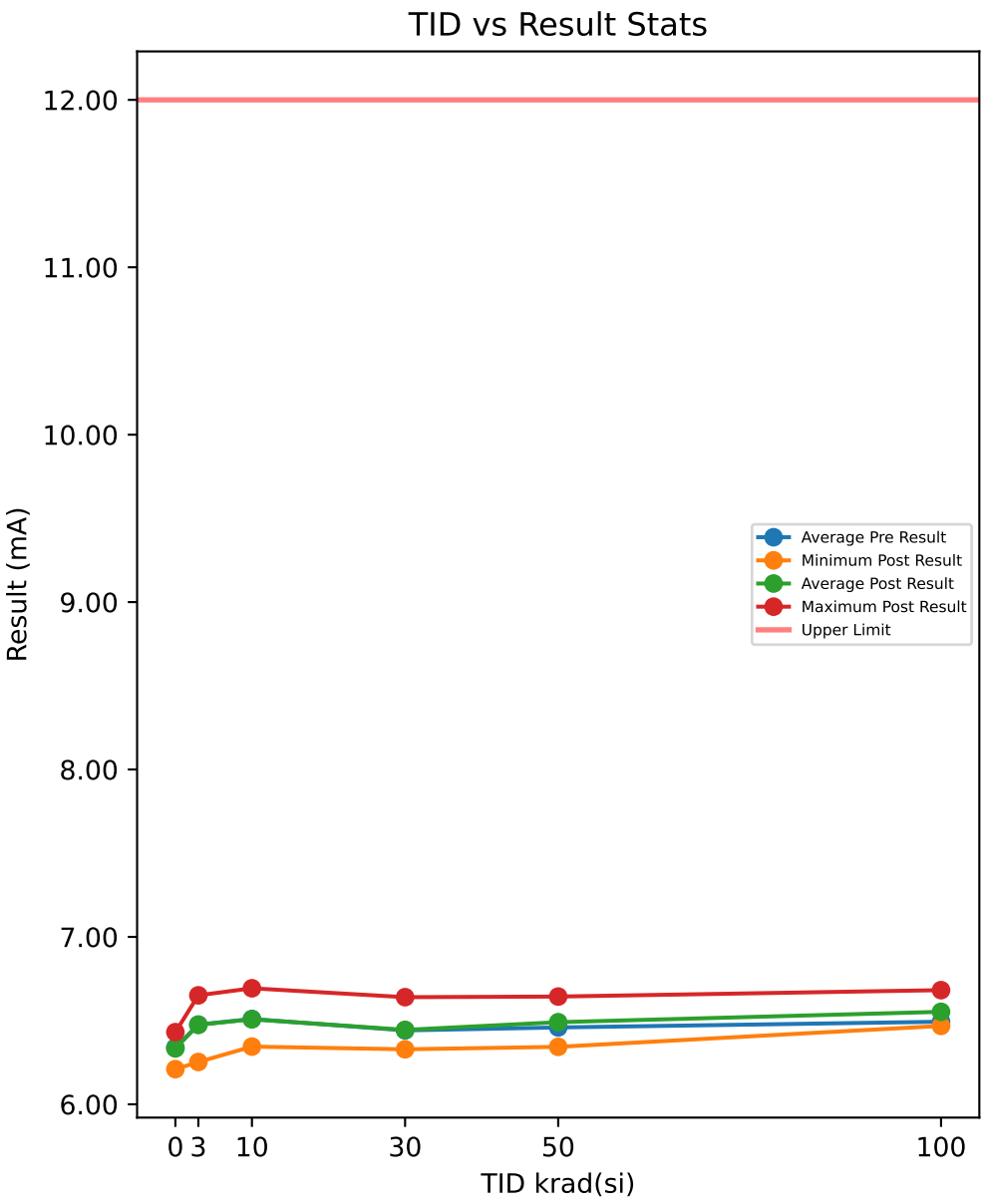
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	13.124	13.109	-0.0152
2	3	HDR BIAS	13.179	13.2	0.0216
3	3	HDR BIAS	13.174	13.234	0.0599
4	3	HDR BIAS	13.086	13.092	0.0056
5	3	HDR BIAS	12.975	12.988	0.0132
6	3	HDR UNBIAS	12.996	13.064	0.0674
7	3	HDR UNBIAS	13.031	13.035	0.0041
8	3	HDR UNBIAS	13.3	13.337	0.0363
9	3	HDR UNBIAS	12.876	12.96	0.0845
10	3	HDR UNBIAS	13.238	13.226	-0.012
11	10	HDR BIAS	13.409	13.483	0.0741
12	10	HDR BIAS	12.922	13.031	0.1082
13	10	HDR BIAS	13.129	13.152	0.0233
14	10	HDR BIAS	13.284	13.346	0.0616
15	10	HDR BIAS	12.818	12.885	0.0667
16	10	HDR UNBIAS	12.987	13.039	0.0518
17	10	HDR UNBIAS	13.111	13.177	0.0655
18	10	HDR UNBIAS	13.08	13.217	0.1368
19	10	HDR UNBIAS	13.514	13.572	0.0579
20	10	HDR UNBIAS	13.047	13.118	0.0707
31	30	HDR BIAS	13.068	13.162	0.0938
32	30	HDR BIAS	13.108	13.261	0.1526
33	30	HDR BIAS	13.088	13.281	0.1935
34	30	HDR BIAS	12.856	12.946	0.0901
35	30	HDR BIAS	12.841	12.979	0.1388
36	30	HDR UNBIAS	13.009	13.262	0.2525
37	30	HDR UNBIAS	12.9	13.073	0.1726
38	30	HDR UNBIAS	13.139	13.374	0.2344
39	30	HDR UNBIAS	13.256	13.435	0.1789
40	30	HDR UNBIAS	12.934	13.059	0.1249
41	50	HDR BIAS	12.742	12.931	0.1882
42	50	HDR BIAS	12.829	13.053	0.2244
43	50	HDR BIAS	12.853	13.036	0.1825
44	50	HDR BIAS	13.087	13.348	0.2619
45	50	HDR BIAS	13.011	13.269	0.2581
46	50	HDR UNBIAS	13.185	13.486	0.3002
47	50	HDR UNBIAS	12.999	13.252	0.2522
48	50	HDR UNBIAS	12.939	13.261	0.3221
49	50	HDR UNBIAS	13.165	13.431	0.2663
50	50	HDR UNBIAS	13.079	13.433	0.3538
51	100	HDR BIAS	12.975	13.328	0.3536
52	100	HDR BIAS	12.873	13.22	0.3462
53	100	HDR BIAS	13.054	13.465	0.4108
54	100	HDR BIAS	13.179	13.622	0.4429
55	100	HDR BIAS	13.252	13.514	0.2623
56	100	HDR UNBIAS	12.898	13.373	0.4755
57	100	HDR UNBIAS	13.123	13.566	0.4429
58	100	HDR UNBIAS	13.313	13.728	0.4148
59	100	HDR UNBIAS	13.147	13.532	0.3853
60	100	HDR UNBIAS	13.3	13.783	0.4828
71	0	CORRELATION	13.031	13.008	-0.0231
72	0	CORRELATION	12.816	12.81	-0.0063
73	0	CORRELATION	12.962	12.965	0.0027

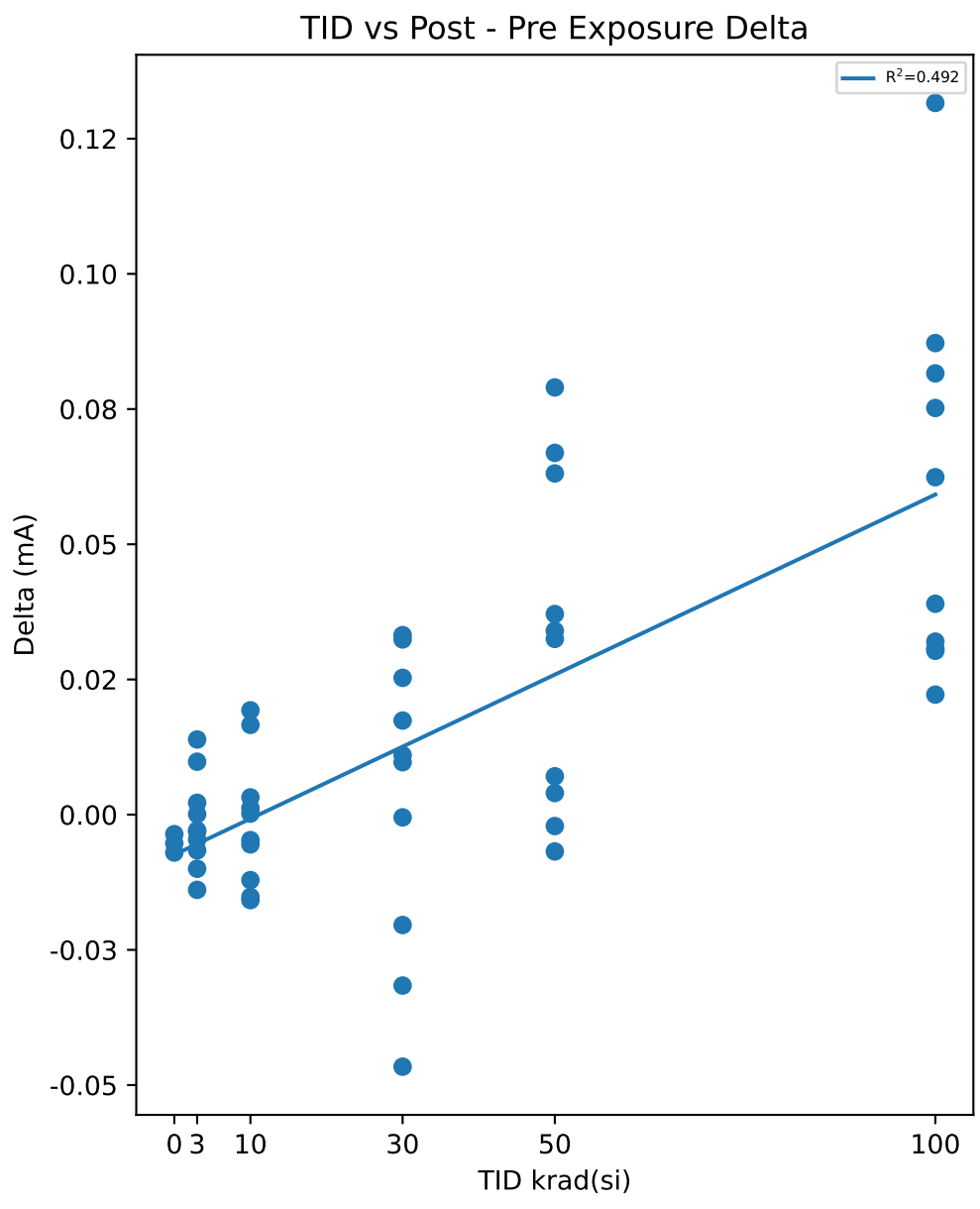


Test Statistics (mA)

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	12.816	12.936	13.031	0.10984	12.81	12.928	13.008	0.1043	-0.0231	-0.0089	0.0027	0.013095
3	12.876	13.098	13.3	0.13045	12.96	13.125	13.337	0.12097	-0.0152	0.02654	0.0845	0.034333
10	12.818	13.13	13.514	0.21595	12.885	13.202	13.572	0.21177	0.0233	0.07166	0.1368	0.03104
30	12.841	13.02	13.256	0.1357	12.946	13.183	13.435	0.16582	0.0901	0.16321	0.2525	0.054397
50	12.742	12.989	13.185	0.14725	12.931	13.25	13.486	0.18815	0.1825	0.26097	0.3538	0.054567
100	12.873	13.111	13.313	0.15845	13.22	13.513	13.783	0.17502	0.2623	0.40171	0.4828	0.067304

Device Test: 14.18 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/1000/4.5/100kHz//@IDD_ACT_100K_LOAD_4P5V





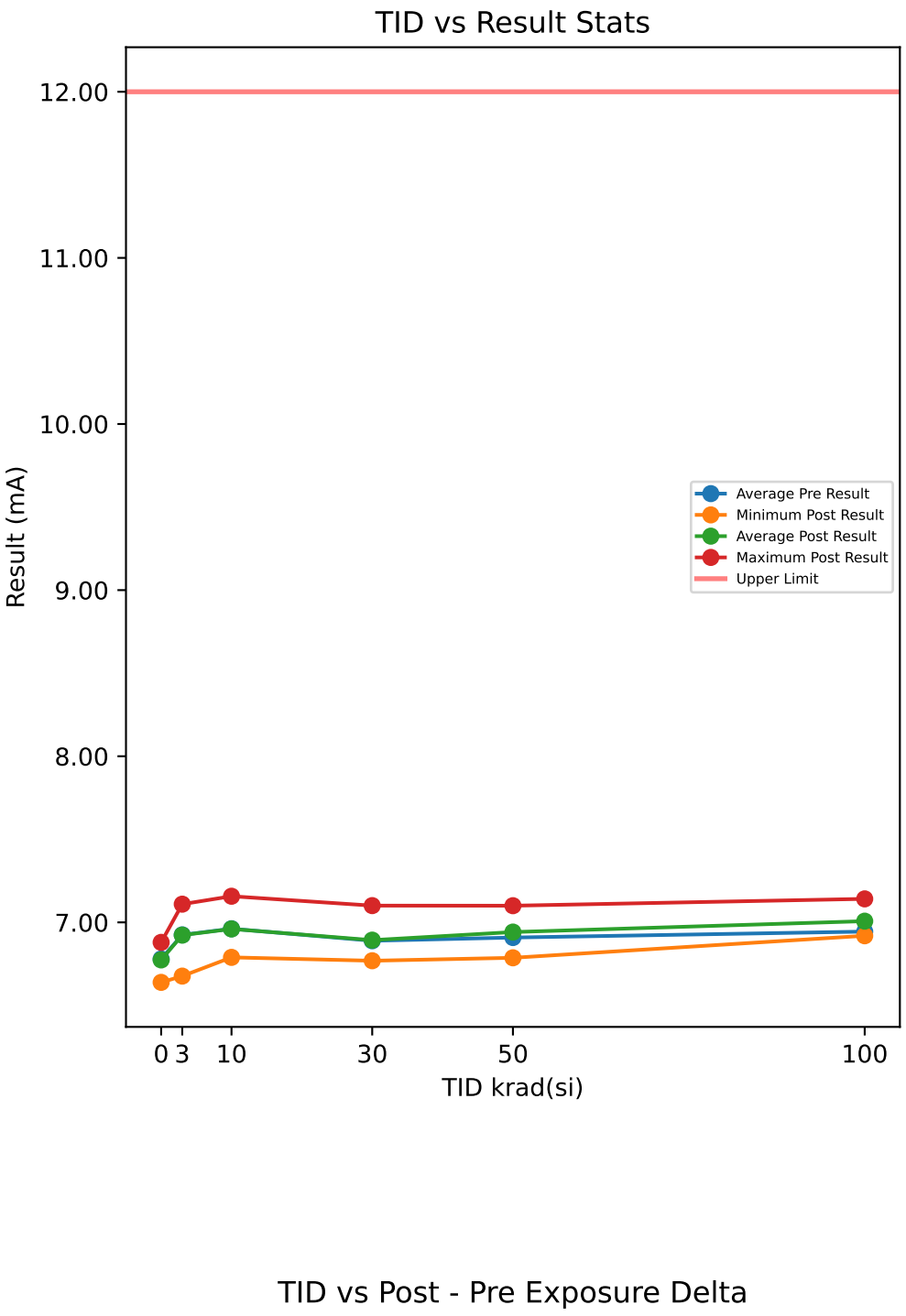
Test Results (Upper Limit = 12.0 (mA))

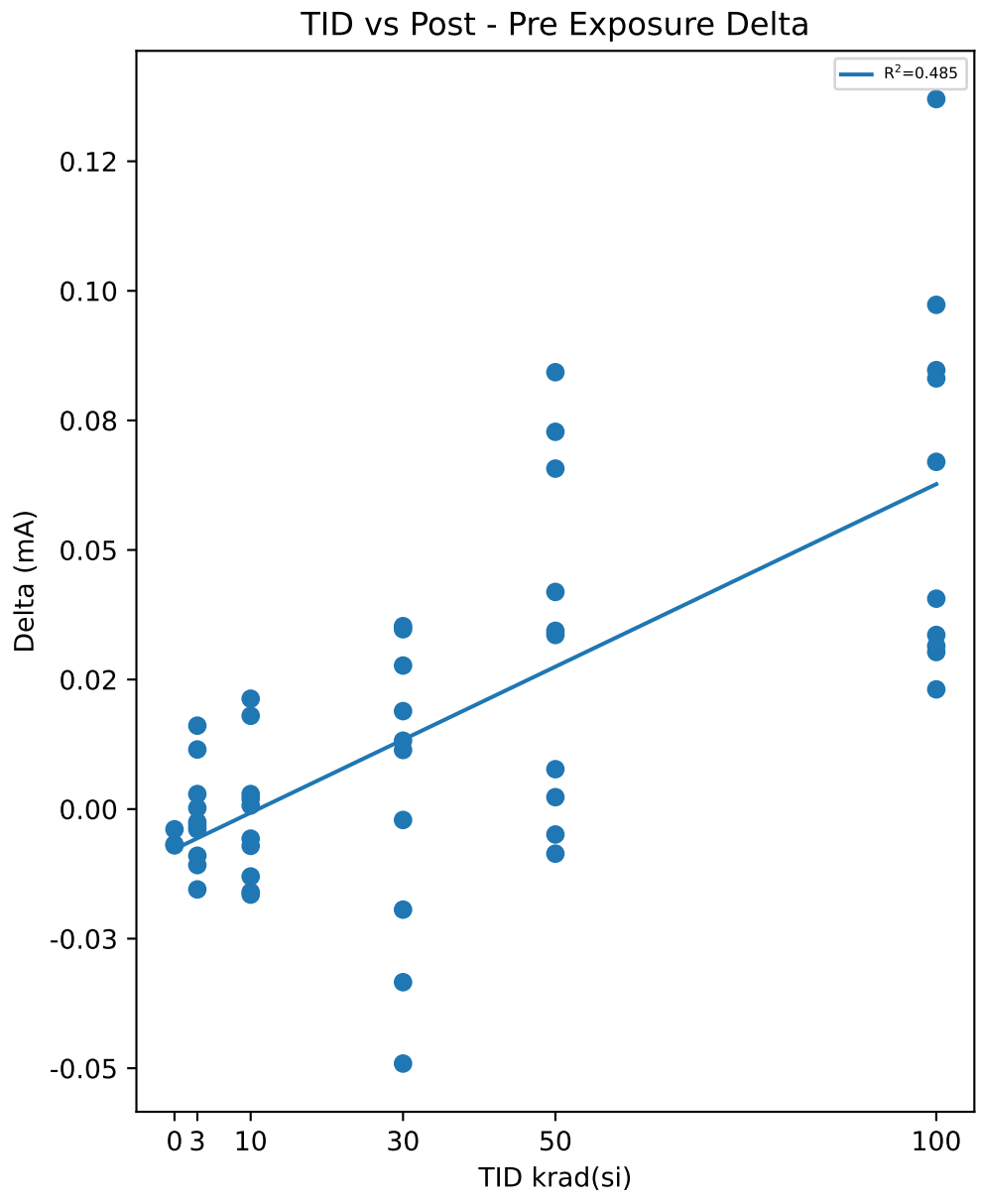
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.469	6.4624	-0.0066
2	3	HDR BIAS	6.3467	6.3468	0.0001
3	3	HDR BIAS	6.4758	6.478	0.0022
4	3	HDR BIAS	6.519	6.5288	0.0098
5	3	HDR BIAS	6.4802	6.4663	-0.0139
6	3	HDR UNBIAS	6.4404	6.4375	-0.0029
7	3	HDR UNBIAS	6.5159	6.5128	-0.0031
8	3	HDR UNBIAS	6.6555	6.6509	-0.0046
9	3	HDR UNBIAS	6.2388	6.2527	0.0139
10	3	HDR UNBIAS	6.6199	6.6099	-0.01
11	10	HDR BIAS	6.6765	6.6931	0.0166
12	10	HDR BIAS	6.4017	6.421	0.0193
13	10	HDR BIAS	6.5484	6.5516	0.0032
14	10	HDR BIAS	6.4908	6.491	0.0002
15	10	HDR BIAS	6.3605	6.3447	-0.0158
16	10	HDR UNBIAS	6.3811	6.3764	-0.0047
17	10	HDR UNBIAS	6.4787	6.4666	-0.0121
18	10	HDR UNBIAS	6.5963	6.5975	0.0012
19	10	HDR UNBIAS	6.6761	6.6706	-0.0055
20	10	HDR UNBIAS	6.4826	6.4674	-0.0152
31	30	HDR BIAS	6.4	6.3684	-0.0316
32	30	HDR BIAS	6.5665	6.5839	0.0174
33	30	HDR BIAS	6.3897	6.4221	0.0324
34	30	HDR BIAS	6.3318	6.3313	-0.0005
35	30	HDR BIAS	6.3852	6.3949	0.0097
36	30	HDR UNBIAS	6.4941	6.5273	0.0332
37	30	HDR UNBIAS	6.4361	6.4471	0.011
38	30	HDR UNBIAS	6.3764	6.4017	0.0253
39	30	HDR UNBIAS	6.6865	6.6399	-0.0466
40	30	HDR UNBIAS	6.3489	6.3285	-0.0204
41	50	HDR BIAS	6.3453	6.3432	-0.0021
42	50	HDR BIAS	6.4476	6.4408	-0.0068
43	50	HDR BIAS	6.3898	6.4223	0.0325
44	50	HDR BIAS	6.5389	6.6058	0.0669
45	50	HDR BIAS	6.4899	6.497	0.0071
46	50	HDR UNBIAS	6.4717	6.5348	0.0631
47	50	HDR UNBIAS	6.439	6.443	0.004
48	50	HDR UNBIAS	6.3743	6.4114	0.0371
49	50	HDR UNBIAS	6.6096	6.6436	0.034
50	50	HDR UNBIAS	6.4839	6.5629	0.079
51	100	HDR BIAS	6.4358	6.4748	0.039
52	100	HDR BIAS	6.4831	6.5647	0.0816
53	100	HDR BIAS	6.4254	6.5006	0.0752
54	100	HDR BIAS	6.5503	6.6819	0.1316
55	100	HDR BIAS	6.5701	6.6004	0.0303
56	100	HDR UNBIAS	6.4308	6.518	0.0872
57	100	HDR UNBIAS	6.5797	6.6117	0.032
58	100	HDR UNBIAS	6.4831	6.5138	0.0307
59	100	HDR UNBIAS	6.446	6.4682	0.0222
60	100	HDR UNBIAS	6.5282	6.5906	0.0624
71	0	CORRELATION	6.3677	6.3607	-0.007
72	0	CORRELATION	6.2153	6.21	-0.0053
73	0	CORRELATION	6.4346	6.431	-0.0036

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	6.2153	6.3392	6.4346	0.11239	6.21	6.3339	6.431	0.11291	-0.007	-0.0053	-0.0036	0.0017
3	6.2388	6.4761	6.6555	0.1205	6.2527	6.4746	6.6509	0.11593	-0.0139	-0.00151	0.0139	0.0084804
10	6.3605	6.5093	6.6765	0.11403	6.3447	6.508	6.6931	0.11824	-0.0158	-0.00128	0.0193	0.012124
30	6.3318	6.4415	6.6865	0.11099	6.3285	6.4445	6.6399	0.10611	-0.0466	0.00299	0.0332	0.027502
50	6.3453	6.459	6.6096	0.079036	6.3432	6.4905	6.6436	0.095051	-0.0068	0.03148	0.079	0.030721
100	6.4254	6.4933	6.5797	0.05972	6.4682	6.5525	6.6819	0.068855	0.0222	0.05922	0.1316	0.034894

Device Test: 14.19 IDD|SUPPLY CURRENT/IN/5/5/0/1000/5/100kHz//@IDD_ACT_100K_LOAD_5V





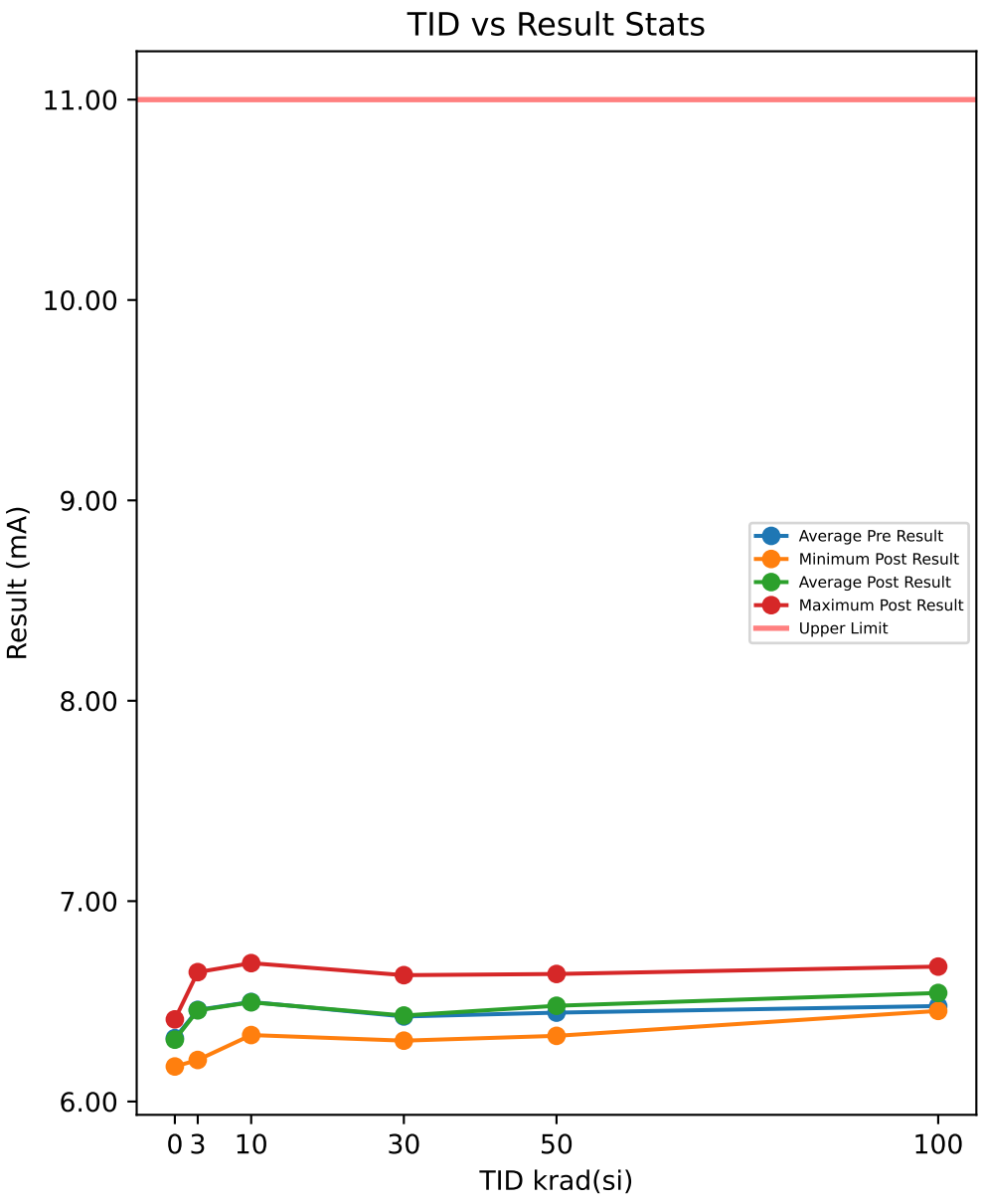
Test Results (Upper Limit = 12.0 (mA))

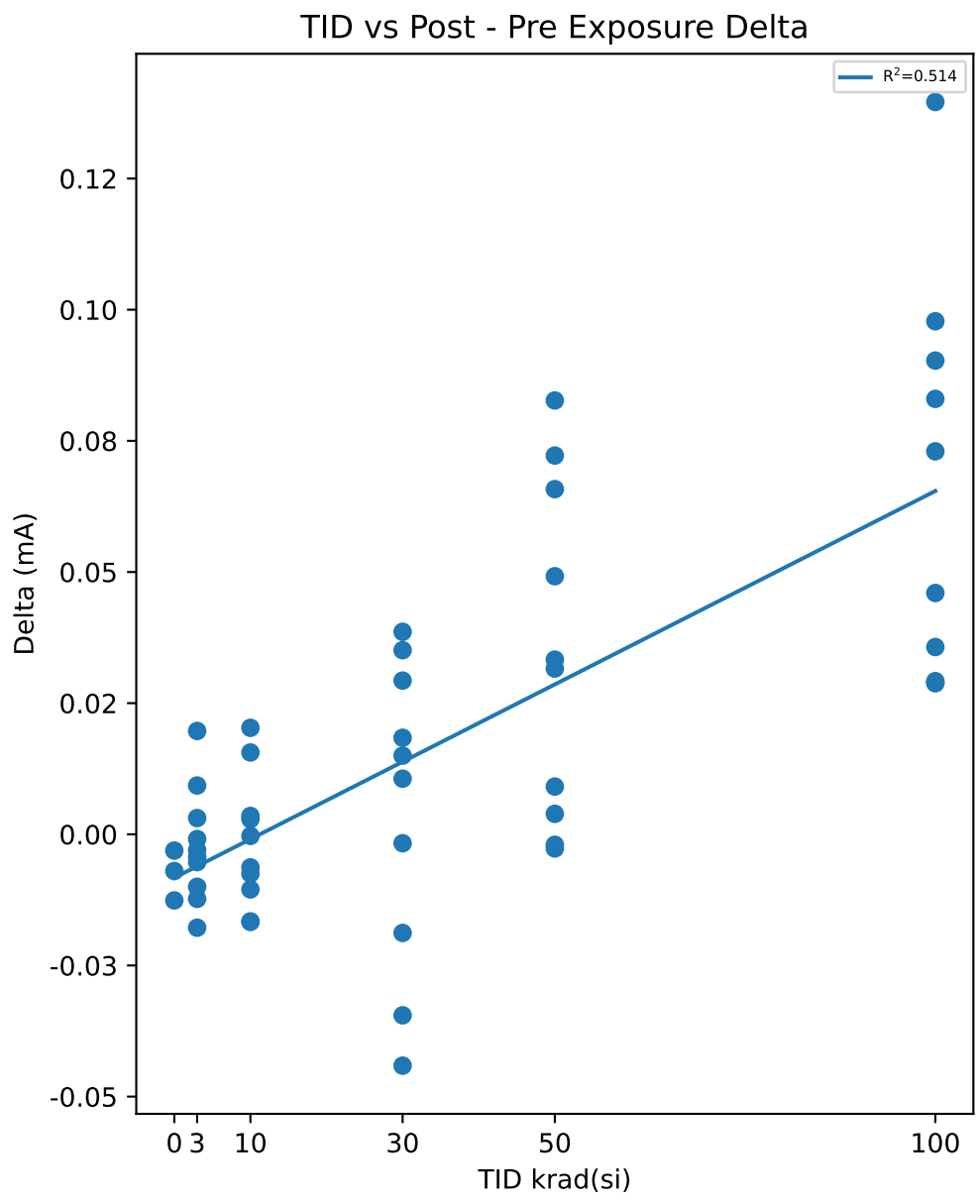
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.9182	6.9092	-0.009
2	3	HDR BIAS	6.7909	6.7911	0.0002
3	3	HDR BIAS	6.9258	6.9287	0.0029
4	3	HDR BIAS	6.9752	6.9867	0.0115
5	3	HDR BIAS	6.9297	6.9142	-0.0155
6	3	HDR UNBIAS	6.8848	6.8823	-0.0025
7	3	HDR UNBIAS	6.9698	6.9666	-0.0032
8	3	HDR UNBIAS	7.1135	7.1096	-0.0039
9	3	HDR UNBIAS	6.6604	6.6765	0.0161
10	3	HDR UNBIAS	7.0784	7.0676	-0.0108
11	10	HDR BIAS	7.1393	7.1573	0.018
12	10	HDR BIAS	6.8423	6.8636	0.0213
13	10	HDR BIAS	7.0032	7.0061	0.0029
14	10	HDR BIAS	6.9444	6.9451	0.0007
15	10	HDR BIAS	6.8053	6.7893	-0.016
16	10	HDR UNBIAS	6.8229	6.8158	-0.0071
17	10	HDR UNBIAS	6.9311	6.9181	-0.013
18	10	HDR UNBIAS	7.0552	7.0572	0.002
19	10	HDR UNBIAS	7.1357	7.13	-0.0057
20	10	HDR UNBIAS	6.9372	6.9207	-0.0165
31	30	HDR BIAS	6.8489	6.8155	-0.0334
32	30	HDR BIAS	7.0212	7.0401	0.0189
33	30	HDR BIAS	6.8372	6.8725	0.0353
34	30	HDR BIAS	6.7733	6.7712	-0.0021
35	30	HDR BIAS	6.8282	6.8414	0.0132
36	30	HDR UNBIAS	6.9435	6.9782	0.0347
37	30	HDR UNBIAS	6.8851	6.8965	0.0114
38	30	HDR UNBIAS	6.8175	6.8452	0.0277
39	30	HDR UNBIAS	7.1499	7.1008	-0.0491
40	30	HDR UNBIAS	6.7884	6.769	-0.0194
41	50	HDR BIAS	6.7916	6.7867	-0.0049
42	50	HDR BIAS	6.8924	6.8838	-0.0086
43	50	HDR BIAS	6.8355	6.8699	0.0344
44	50	HDR BIAS	6.9931	7.0659	0.0728
45	50	HDR BIAS	6.941	6.9487	0.0077
46	50	HDR UNBIAS	6.9207	6.9864	0.0657
47	50	HDR UNBIAS	6.8889	6.8912	0.0023
48	50	HDR UNBIAS	6.8196	6.8615	0.0419
49	50	HDR UNBIAS	7.0667	7.1003	0.0336
50	50	HDR UNBIAS	6.9371	7.0214	0.0843
51	100	HDR BIAS	6.8868	6.9274	0.0406
52	100	HDR BIAS	6.9347	7.0194	0.0847
53	100	HDR BIAS	6.8697	6.9528	0.0831
54	100	HDR BIAS	7.0044	7.1414	0.137
55	100	HDR BIAS	7.025	7.0553	0.0303
56	100	HDR UNBIAS	6.871	6.9683	0.0973
57	100	HDR UNBIAS	7.0388	7.0724	0.0336
58	100	HDR UNBIAS	6.9351	6.9666	0.0315
59	100	HDR UNBIAS	6.8962	6.9193	0.0231
60	100	HDR UNBIAS	6.9829	7.0499	0.067
71	0	CORRELATION	6.8102	6.8034	-0.0068
72	0	CORRELATION	6.6458	6.6388	-0.007
73	0	CORRELATION	6.8835	6.8796	-0.0039

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	6.6458	6.7798	6.8835	0.12172	6.6388	6.7739	6.8796	0.12307	-0.007	-0.0059	-0.0039	0.0017349
3	6.6604	6.9247	7.1135	0.1305	6.6765	6.9233	7.1096	0.12552	-0.0155	-0.00142	0.0161	0.0097145
10	6.8053	6.9617	7.1393	0.12115	6.7893	6.9603	7.1573	0.12567	-0.0165	-0.00134	0.0213	0.013135
30	6.7733	6.8893	7.1499	0.11792	6.769	6.893	7.1008	0.11239	-0.0491	0.00372	0.0353	0.02915
50	6.7916	6.9087	7.0667	0.082831	6.7867	6.9416	7.1003	0.10027	-0.0086	0.03292	0.0843	0.033526
100	6.8697	6.9445	7.0388	0.064359	6.9193	7.0073	7.1414	0.072082	0.0231	0.06282	0.137	0.037361

Device Test: 14.2 IDD|SUPPLY CURRENT/IN/5/5/0/0/5/100kHz//@IDD_ACT_100K_NOLOAD





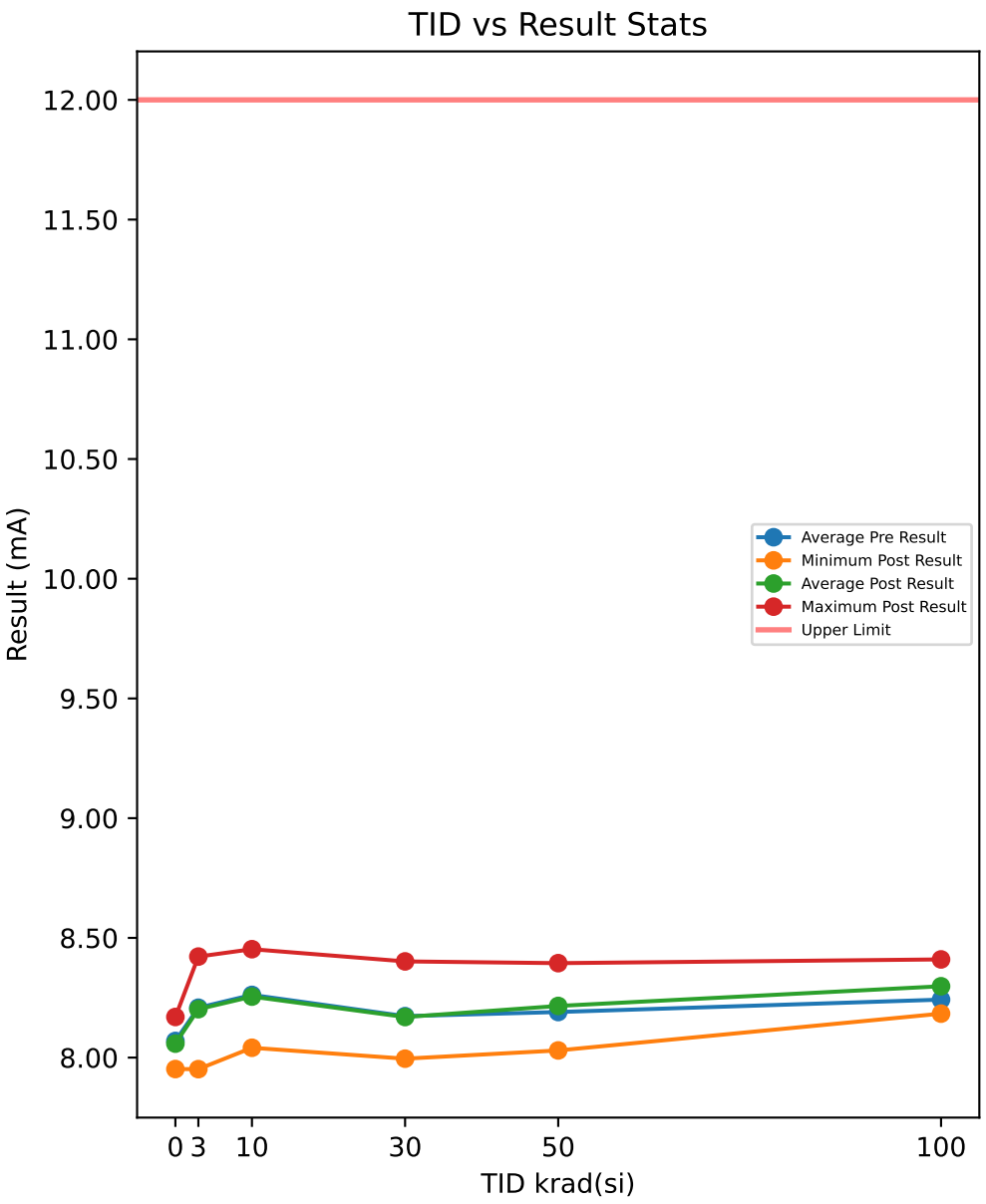
Test Results (Upper Limit = 11.0 (mA))

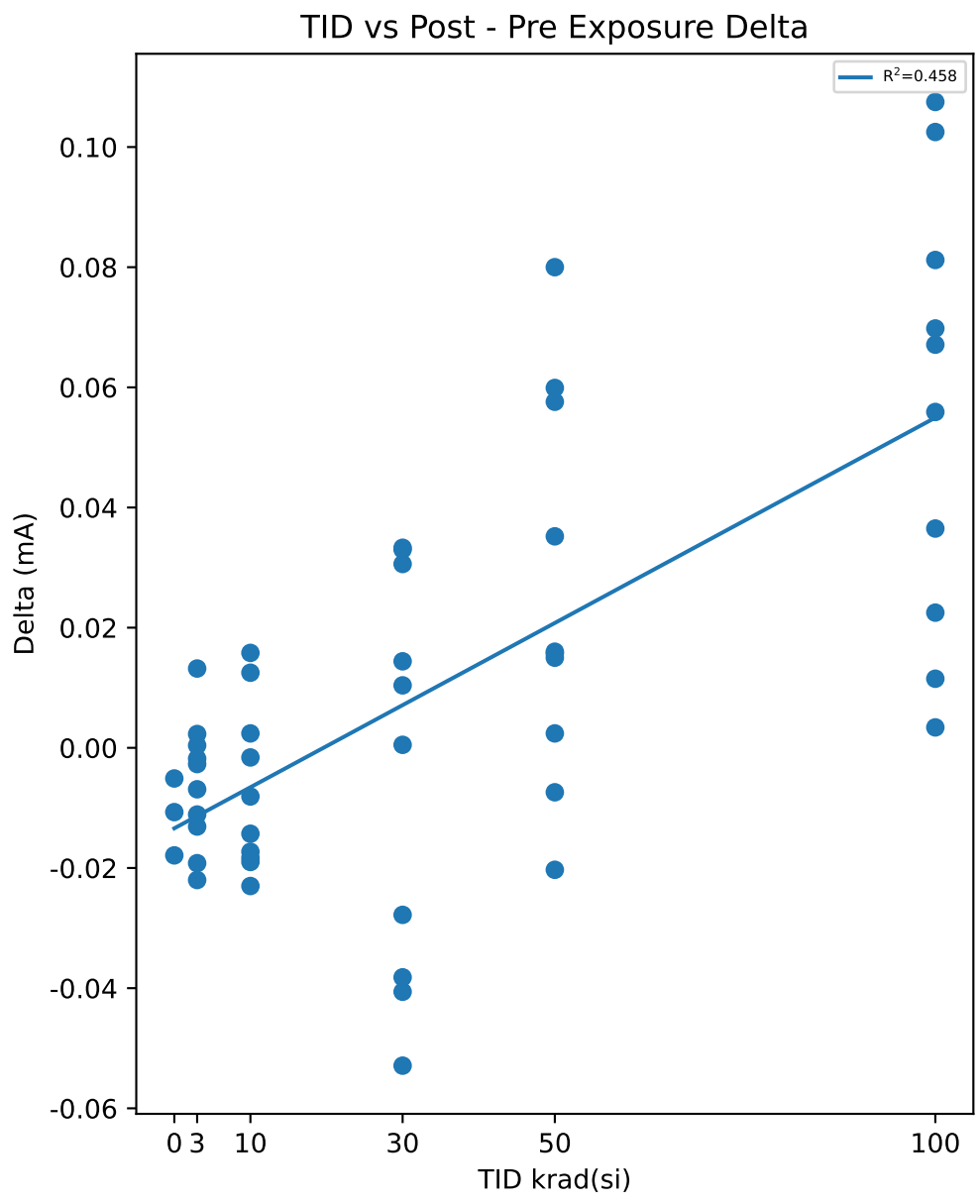
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.4545	6.4445	-0.01
2	3	HDR BIAS	6.311	6.3101	-0.0009
3	3	HDR BIAS	6.4673	6.4704	0.0031
4	3	HDR BIAS	6.5004	6.5097	0.0093
5	3	HDR BIAS	6.4708	6.453	-0.0178
6	3	HDR UNBIAS	6.4261	6.4231	-0.003
7	3	HDR UNBIAS	6.4981	6.4938	-0.0043
8	3	HDR UNBIAS	6.651	6.6457	-0.0053
9	3	HDR UNBIAS	6.1876	6.2073	0.0197
10	3	HDR UNBIAS	6.6057	6.5934	-0.0123
11	10	HDR BIAS	6.6751	6.6907	0.0156
12	10	HDR BIAS	6.3771	6.3974	0.0203
13	10	HDR BIAS	6.5342	6.5371	0.0029
14	10	HDR BIAS	6.4787	6.4784	-0.0003
15	10	HDR BIAS	6.3484	6.3317	-0.0167
16	10	HDR UNBIAS	6.3617	6.3542	-0.0075
17	10	HDR UNBIAS	6.4719	6.4614	-0.0105
18	10	HDR UNBIAS	6.5836	6.5871	0.0035
19	10	HDR UNBIAS	6.6653	6.659	-0.0063
20	10	HDR UNBIAS	6.4718	6.4552	-0.0166
31	30	HDR BIAS	6.385	6.3505	-0.0345
32	30	HDR BIAS	6.5465	6.5649	0.0184
33	30	HDR BIAS	6.3798	6.4149	0.0351
34	30	HDR BIAS	6.3263	6.3246	-0.0017
35	30	HDR BIAS	6.3594	6.3744	0.015
36	30	HDR UNBIAS	6.4748	6.5134	0.0386
37	30	HDR UNBIAS	6.415	6.4256	0.0106
38	30	HDR UNBIAS	6.3601	6.3894	0.0293
39	30	HDR UNBIAS	6.6747	6.6306	-0.0441
40	30	HDR UNBIAS	6.3225	6.3037	-0.0188
41	50	HDR BIAS	6.3304	6.3277	-0.0027
42	50	HDR BIAS	6.4171	6.4151	-0.002
43	50	HDR BIAS	6.3781	6.4097	0.0316
44	50	HDR BIAS	6.5251	6.5973	0.0722
45	50	HDR BIAS	6.4846	6.4937	0.0091
46	50	HDR UNBIAS	6.4506	6.5164	0.0658
47	50	HDR UNBIAS	6.4252	6.4291	0.0039
48	50	HDR UNBIAS	6.3481	6.3973	0.0492
49	50	HDR UNBIAS	6.6032	6.6365	0.0333
50	50	HDR UNBIAS	6.4732	6.5559	0.0827
51	100	HDR BIAS	6.4268	6.4728	0.046
52	100	HDR BIAS	6.4705	6.5608	0.0903
53	100	HDR BIAS	6.4085	6.4915	0.083
54	100	HDR BIAS	6.5337	6.6733	0.1396
55	100	HDR BIAS	6.5499	6.5856	0.0357
56	100	HDR UNBIAS	6.404	6.5018	0.0978
57	100	HDR UNBIAS	6.5709	6.5998	0.0289
58	100	HDR UNBIAS	6.4688	6.498	0.0292
59	100	HDR UNBIAS	6.4235	6.4523	0.0288
60	100	HDR UNBIAS	6.5088	6.5818	0.073
71	0	CORRELATION	6.3539	6.3413	-0.0126
72	0	CORRELATION	6.1818	6.1748	-0.007
73	0	CORRELATION	6.413	6.4099	-0.0031

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	6.1818	6.3162	6.413	0.12011	6.1748	6.3087	6.4099	0.1209	-0.0126	-0.0075667	-0.0031	0.0047753
3	6.1876	6.4573	6.651	0.13269	6.2073	6.4551	6.6457	0.12638	-0.0178	-0.00215	0.0197	0.010865
10	6.3484	6.4968	6.6751	0.11799	6.3317	6.4952	6.6907	0.12223	-0.0167	-0.00156	0.0203	0.012528
30	6.3225	6.4244	6.6747	0.1116	6.3037	6.4292	6.6306	0.10737	-0.0441	0.00479	0.0386	0.028903
50	6.3304	6.4436	6.6032	0.08299	6.3277	6.4779	6.6365	0.098466	-0.0027	0.03431	0.0827	0.032054
100	6.404	6.4765	6.5709	0.061345	6.4523	6.5418	6.6733	0.069407	0.0288	0.06523	0.1396	0.037688

Device Test: 14.20 IDD|SUPPLY CURRENT/IN/12/12/0/1000/5/100kHz//@IDD_ACT_100K_LOAD_12V





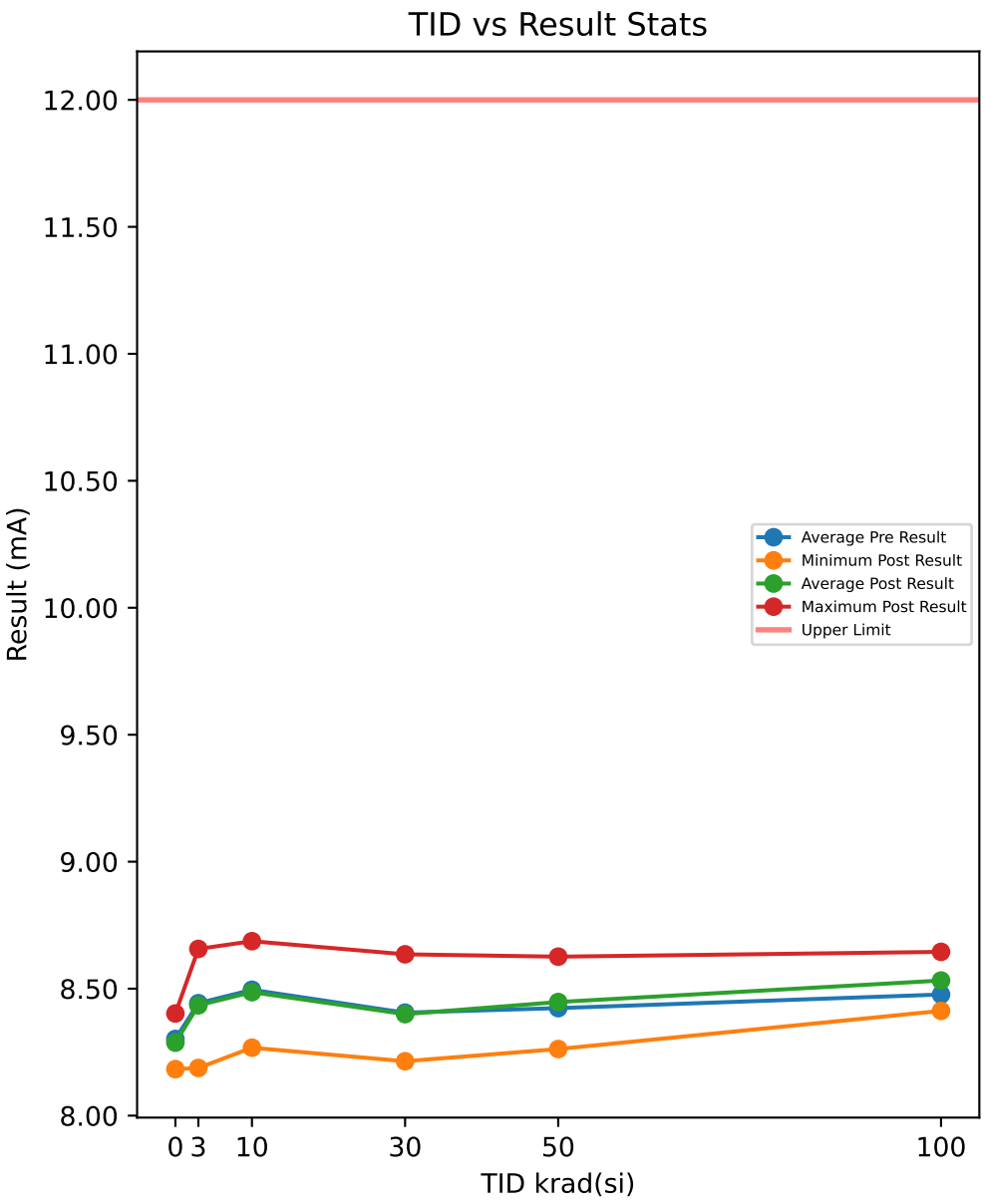
Test Results (Upper Limit = 12.0 (mA))

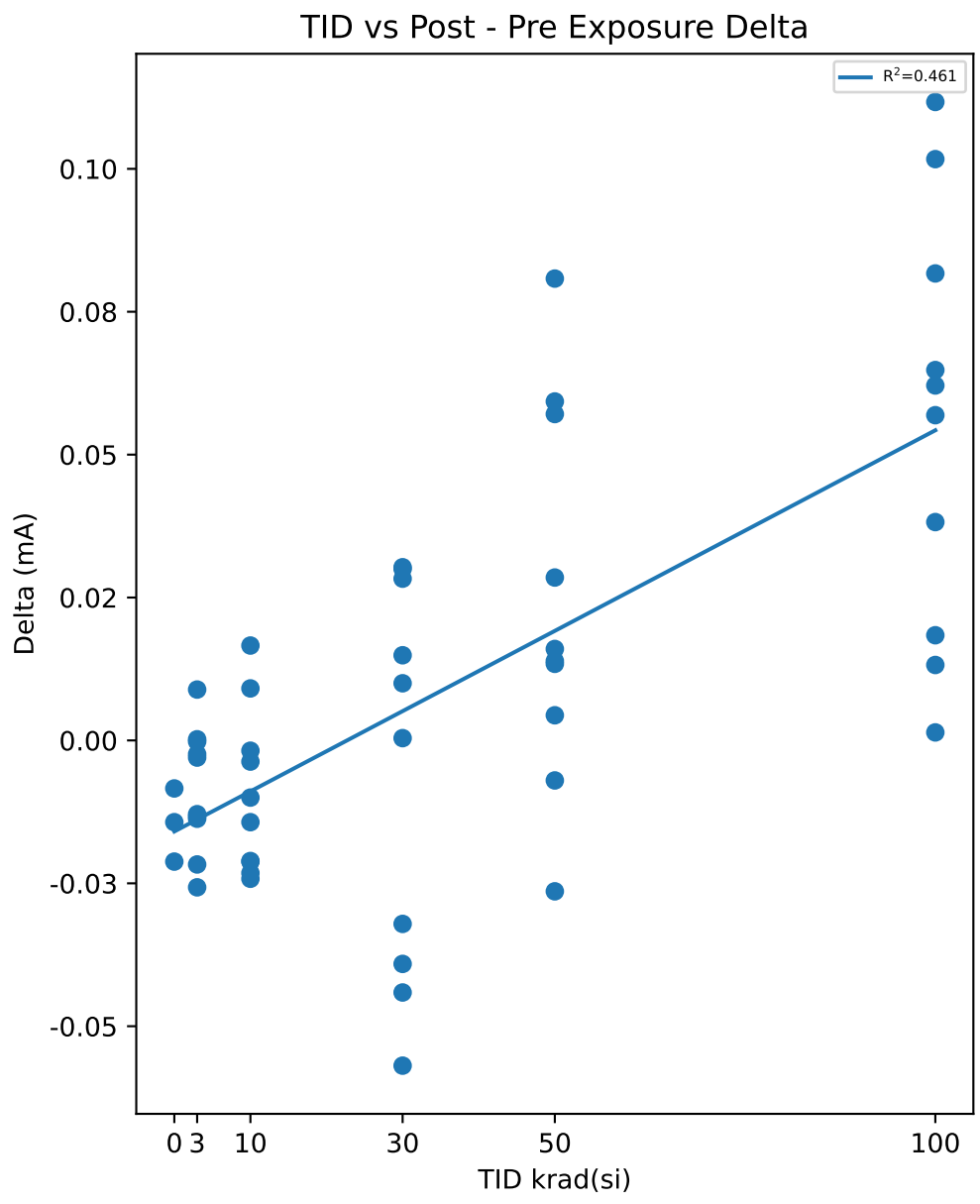
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	8.2069	8.1877	-0.0192
2	3	HDR BIAS	8.0935	8.0917	-0.0018
3	3	HDR BIAS	8.2122	8.2145	0.0023
4	3	HDR BIAS	8.2349	8.2353	0.0004
5	3	HDR BIAS	8.1992	8.1861	-0.0131
6	3	HDR UNBIAS	8.1354	8.1285	-0.0069
7	3	HDR UNBIAS	8.2661	8.255	-0.0111
8	3	HDR UNBIAS	8.4246	8.4219	-0.0027
9	3	HDR UNBIAS	7.9386	7.9518	0.0132
10	3	HDR UNBIAS	8.3718	8.3498	-0.022
11	10	HDR BIAS	8.437	8.4528	0.0158
12	10	HDR BIAS	8.177	8.1895	0.0125
13	10	HDR BIAS	8.2974	8.2893	-0.0081
14	10	HDR BIAS	8.2317	8.2301	-0.0016
15	10	HDR BIAS	8.0601	8.0411	-0.019
16	10	HDR UNBIAS	8.1262	8.1079	-0.0183
17	10	HDR UNBIAS	8.2189	8.2046	-0.0143
18	10	HDR UNBIAS	8.3892	8.3916	0.0024
19	10	HDR UNBIAS	8.4195	8.4022	-0.0173
20	10	HDR UNBIAS	8.2613	8.2383	-0.023
31	30	HDR BIAS	8.1357	8.0975	-0.0382
32	30	HDR BIAS	8.3217	8.3361	0.0144
33	30	HDR BIAS	8.1127	8.1457	0.033
34	30	HDR BIAS	8.0233	7.9955	-0.0278
35	30	HDR BIAS	8.0998	8.1102	0.0104
36	30	HDR UNBIAS	8.235	8.2683	0.0333
37	30	HDR UNBIAS	8.1907	8.1912	0.0005
38	30	HDR UNBIAS	8.0876	8.1182	0.0306
39	30	HDR UNBIAS	8.4547	8.4018	-0.0529
40	30	HDR UNBIAS	8.0703	8.0297	-0.0406
41	50	HDR BIAS	8.0373	8.0299	-0.0074
42	50	HDR BIAS	8.1805	8.1602	-0.0203
43	50	HDR BIAS	8.0941	8.1091	0.015
44	50	HDR BIAS	8.2951	8.3527	0.0576
45	50	HDR BIAS	8.2186	8.2346	0.016
46	50	HDR UNBIAS	8.1948	8.2547	0.0599
47	50	HDR UNBIAS	8.1682	8.1706	0.0024
48	50	HDR UNBIAS	8.1096	8.1448	0.0352
49	50	HDR UNBIAS	8.3788	8.3945	0.0157
50	50	HDR UNBIAS	8.2265	8.3065	0.08
51	100	HDR BIAS	8.1611	8.1836	0.0225
52	100	HDR BIAS	8.2176	8.2847	0.0671
53	100	HDR BIAS	8.146	8.2272	0.0812
54	100	HDR BIAS	8.3076	8.4101	0.1025
55	100	HDR BIAS	8.3339	8.3373	0.0034
56	100	HDR UNBIAS	8.1465	8.254	0.1075
57	100	HDR UNBIAS	8.3365	8.3924	0.0559
58	100	HDR UNBIAS	8.2134	8.2499	0.0365
59	100	HDR UNBIAS	8.2422	8.2537	0.0115
60	100	HDR UNBIAS	8.317	8.3868	0.0698
71	0	CORRELATION	8.071	8.0531	-0.0179
72	0	CORRELATION	7.9629	7.9522	-0.0107
73	0	CORRELATION	8.1748	8.1697	-0.0051

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	7.9629	8.0696	8.1748	0.10596	7.9522	8.0583	8.1697	0.10884	-0.0179	-0.011233	-0.0051	0.0064166
3	7.9386	8.2083	8.4246	0.13699	7.9518	8.2022	8.4219	0.13119	-0.022	-0.00609	0.0132	0.010617
10	8.0601	8.2618	8.437	0.12564	8.0411	8.2547	8.4528	0.13155	-0.023	-0.00709	0.0158	0.013767
30	8.0233	8.1731	8.4547	0.13177	7.9955	8.1694	8.4018	0.13067	-0.0529	-0.00373	0.0333	0.033316
50	8.0373	8.1904	8.3788	0.099111	8.0299	8.2158	8.3945	0.11396	-0.0203	0.02541	0.08	0.032125
100	8.146	8.2422	8.3365	0.077171	8.1836	8.298	8.4101	0.078455	0.0034	0.05579	0.1075	0.036533

Device Test: 14.21 IDD|SUPPLY CURRENT/IN/14/14/0/1000/5/100kHz//@IDD_ACT_100K_LOAD_14V





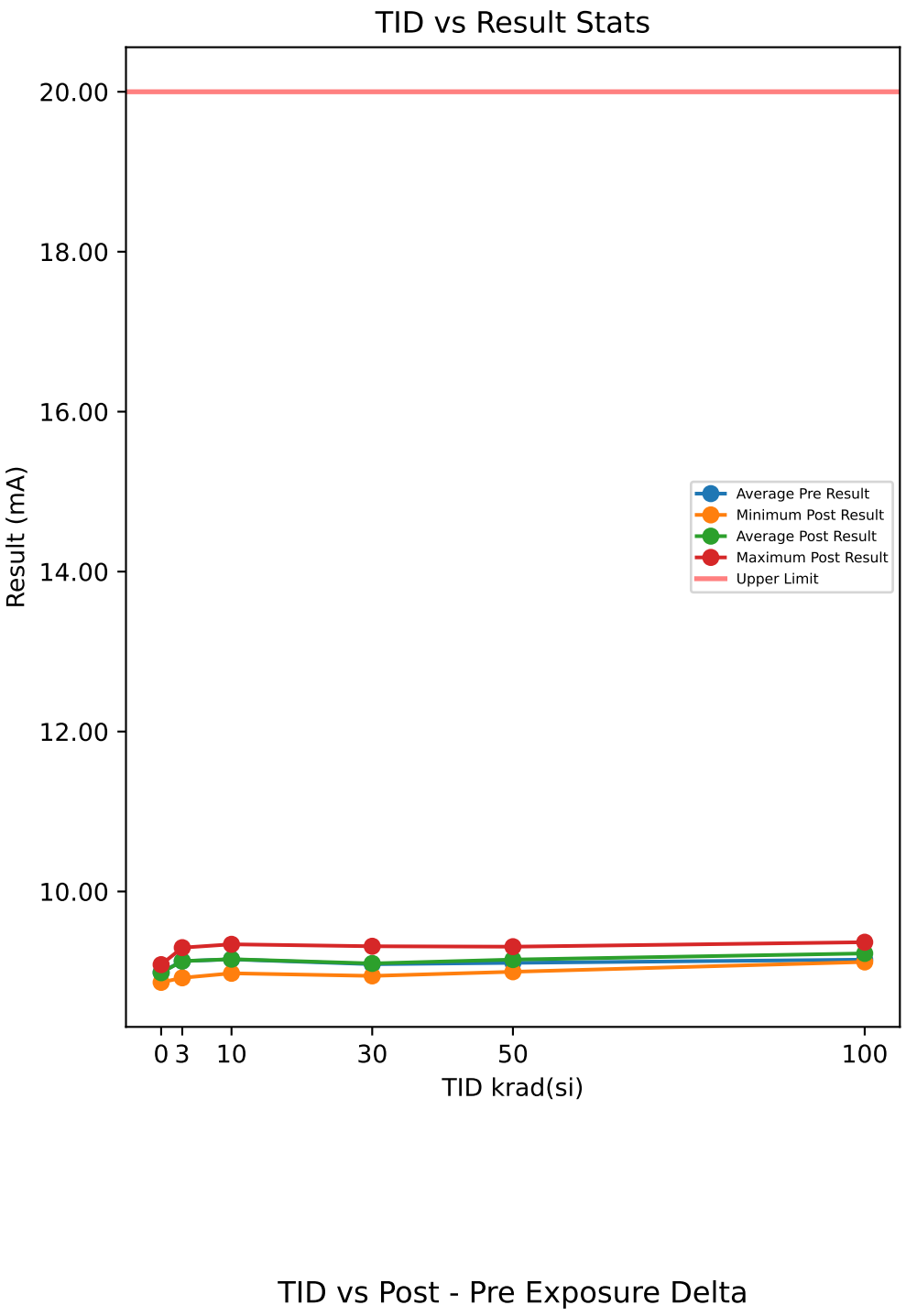
Test Results (Upper Limit = 12.0 (mA))

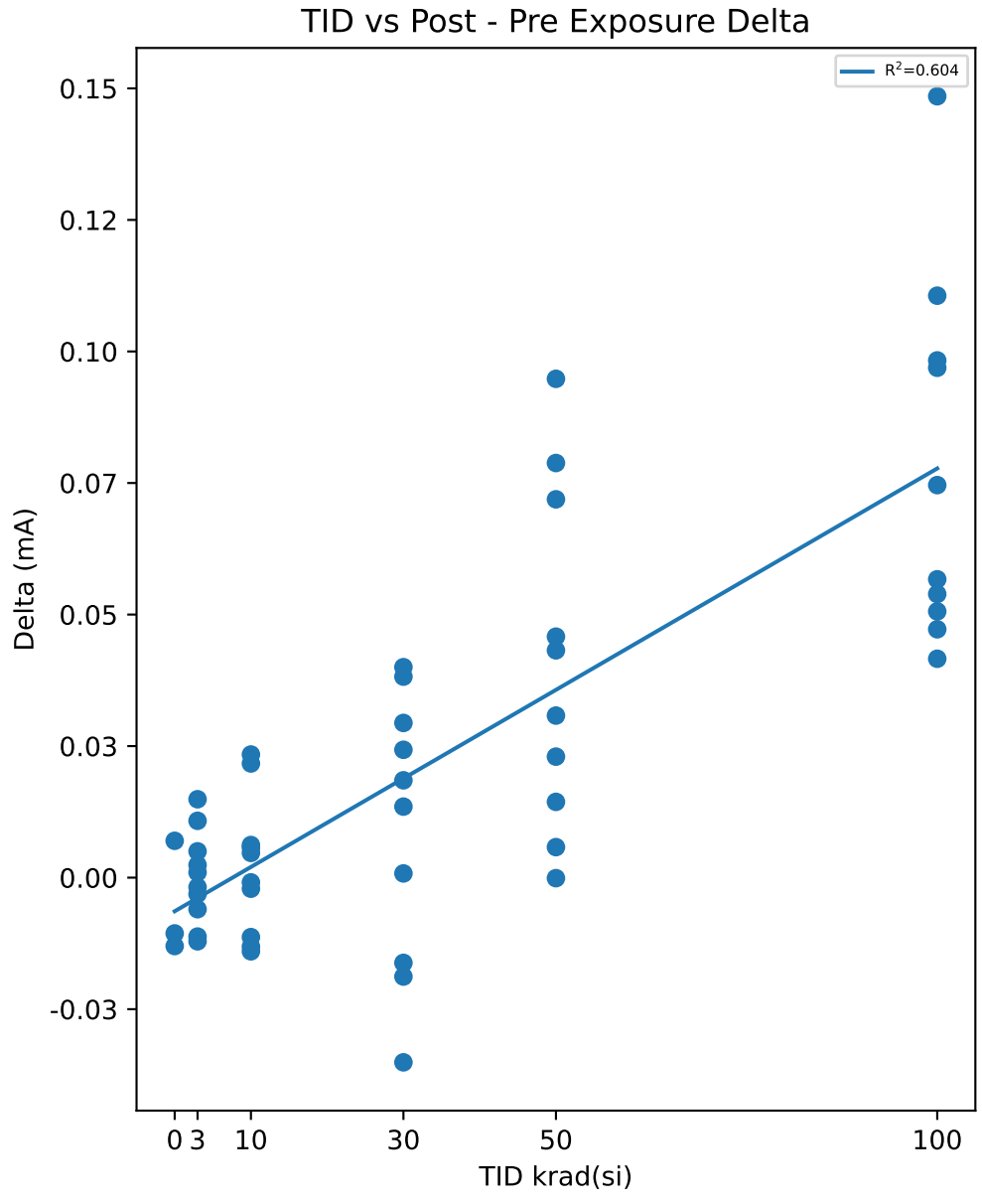
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	8.4397	8.418	-0.0217
2	3	HDR BIAS	8.3337	8.3339	0.0002
3	3	HDR BIAS	8.443	8.4406	-0.0024
4	3	HDR BIAS	8.4683	8.4681	-0.0002
5	3	HDR BIAS	8.426	8.4127	-0.0133
6	3	HDR UNBIAS	8.369	8.3561	-0.0129
7	3	HDR UNBIAS	8.5018	8.4881	-0.0137
8	3	HDR UNBIAS	8.6595	8.6565	-0.003
9	3	HDR UNBIAS	8.1788	8.1877	0.0089
10	3	HDR UNBIAS	8.6082	8.5825	-0.0257
11	10	HDR BIAS	8.6703	8.6869	0.0166
12	10	HDR BIAS	8.4126	8.4217	0.0091
13	10	HDR BIAS	8.5315	8.5215	-0.01
14	10	HDR BIAS	8.4669	8.4651	-0.0018
15	10	HDR BIAS	8.2917	8.2675	-0.0242
16	10	HDR UNBIAS	8.3576	8.3364	-0.0212
17	10	HDR UNBIAS	8.4497	8.4354	-0.0143
18	10	HDR UNBIAS	8.6271	8.6234	-0.0037
19	10	HDR UNBIAS	8.6537	8.6326	-0.0211
20	10	HDR UNBIAS	8.4942	8.471	-0.0232
31	30	HDR BIAS	8.3671	8.328	-0.0391
32	30	HDR BIAS	8.5569	8.5718	0.0149
33	30	HDR BIAS	8.3419	8.3719	0.03
34	30	HDR BIAS	8.2463	8.2142	-0.0321
35	30	HDR BIAS	8.3337	8.3437	0.01
36	30	HDR UNBIAS	8.473	8.5013	0.0283
37	30	HDR UNBIAS	8.4254	8.4258	0.0004
38	30	HDR UNBIAS	8.3178	8.3481	0.0303
39	30	HDR UNBIAS	8.6922	8.6353	-0.0569
40	30	HDR UNBIAS	8.3011	8.257	-0.0441
41	50	HDR BIAS	8.2693	8.2623	-0.007
42	50	HDR BIAS	8.4191	8.3927	-0.0264
43	50	HDR BIAS	8.3252	8.3386	0.0134
44	50	HDR BIAS	8.5272	8.5843	0.0571
45	50	HDR BIAS	8.4483	8.4622	0.0139
46	50	HDR UNBIAS	8.4296	8.4889	0.0593
47	50	HDR UNBIAS	8.3996	8.404	0.0044
48	50	HDR UNBIAS	8.3474	8.3759	0.0285
49	50	HDR UNBIAS	8.61	8.626	0.016
50	50	HDR UNBIAS	8.458	8.5388	0.0808
51	100	HDR BIAS	8.3942	8.4126	0.0184
52	100	HDR BIAS	8.4476	8.5124	0.0648
53	100	HDR BIAS	8.3783	8.46	0.0817
54	100	HDR BIAS	8.5432	8.6449	0.1017
55	100	HDR BIAS	8.5703	8.5717	0.0014
56	100	HDR UNBIAS	8.379	8.4907	0.1117
57	100	HDR UNBIAS	8.5716	8.6285	0.0569
58	100	HDR UNBIAS	8.4474	8.4856	0.0382
59	100	HDR UNBIAS	8.4802	8.4934	0.0132
60	100	HDR UNBIAS	8.5583	8.6204	0.0621
71	0	CORRELATION	8.2978	8.2766	-0.0212
72	0	CORRELATION	8.1974	8.1831	-0.0143
73	0	CORRELATION	8.4107	8.4023	-0.0084

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	8.1974	8.302	8.4107	0.10671	8.1831	8.2873	8.4023	0.10999	-0.0212	-0.014633	-0.0084	0.0064065
3	8.1788	8.4428	8.6595	0.13572	8.1877	8.4344	8.6565	0.13045	-0.0257	-0.00838	0.0089	0.010823
10	8.2917	8.4955	8.6703	0.12673	8.2675	8.4861	8.6869	0.13311	-0.0242	-0.00938	0.0166	0.014215
30	8.2463	8.4055	8.6922	0.13527	8.2142	8.3997	8.6353	0.13442	-0.0569	-0.00583	0.0303	0.0339
50	8.2693	8.4234	8.61	0.098432	8.2623	8.4474	8.626	0.11403	-0.0264	0.024	0.0808	0.032917
100	8.3783	8.477	8.5716	0.079301	8.4126	8.532	8.6449	0.079318	0.0014	0.05501	0.1117	0.037269

Device Test: 14.22 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/1000/4.5/500kHz//@IDD_ACT_500K_LOAD_4P5V





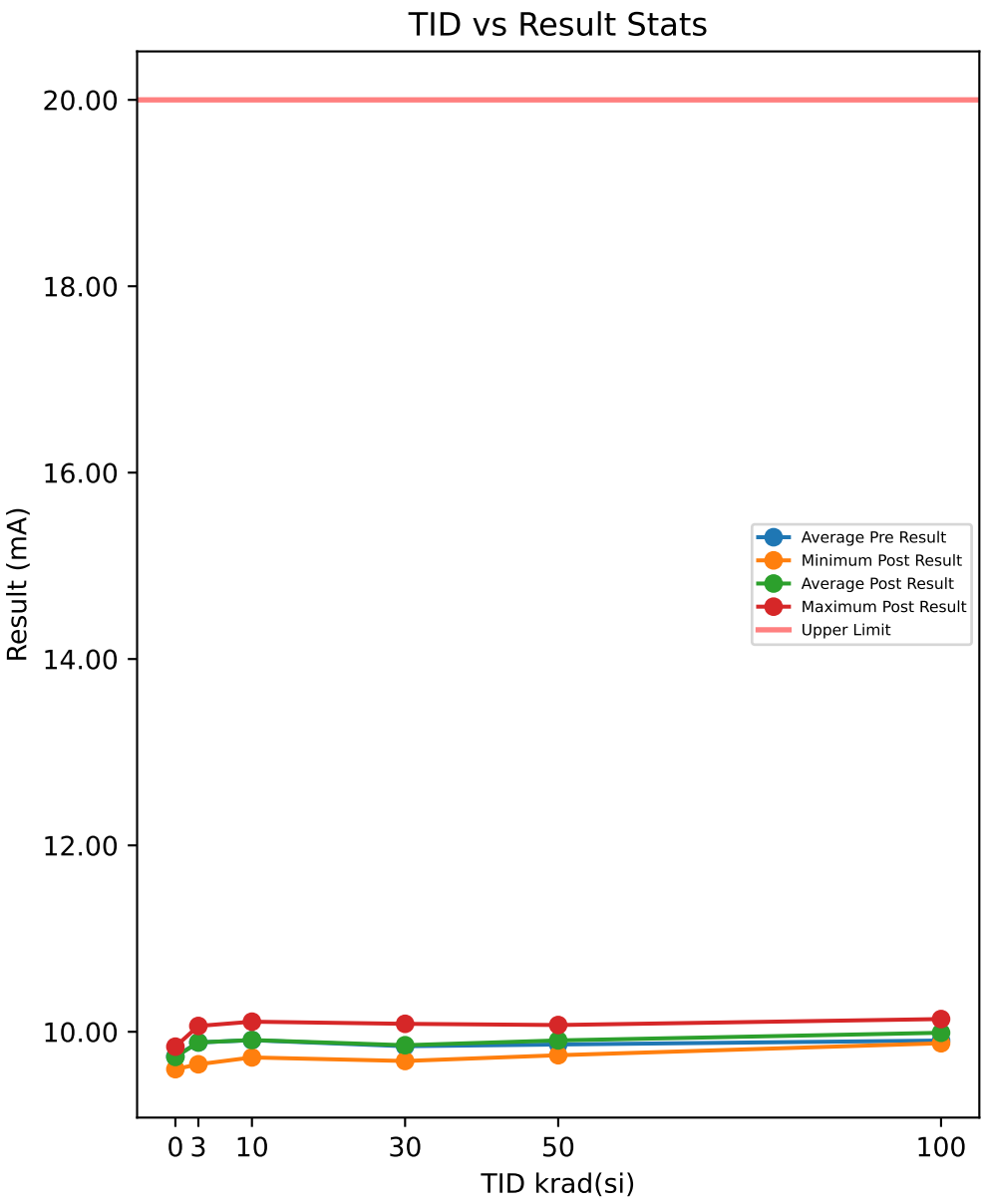
Test Results (Upper Limit = 20.0 (mA))

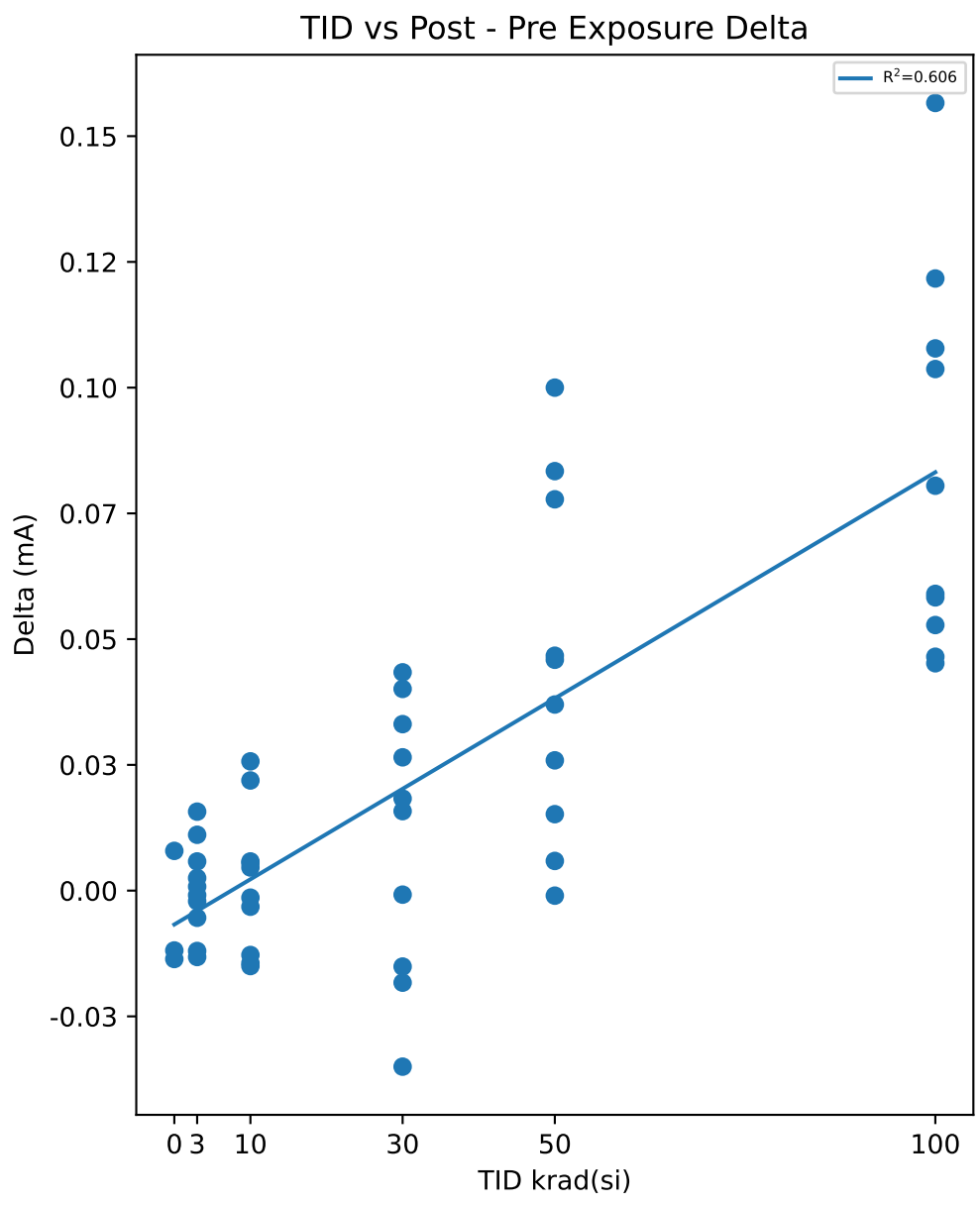
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	9.1194	9.1134	-0.006
2	3	HDR BIAS	9.0153	9.0163	0.001
3	3	HDR BIAS	9.1099	9.1149	0.005
4	3	HDR BIAS	9.1812	9.192	0.0108
5	3	HDR BIAS	9.1217	9.1105	-0.0112
6	3	HDR UNBIAS	9.0799	9.0781	-0.0018
7	3	HDR UNBIAS	9.189	9.1859	-0.0031
8	3	HDR UNBIAS	9.2952	9.2976	0.0024
9	3	HDR UNBIAS	8.9055	8.9204	0.0149
10	3	HDR UNBIAS	9.279	9.2669	-0.0121
11	10	HDR BIAS	9.3177	9.3394	0.0217
12	10	HDR BIAS	9.0423	9.0657	0.0234
13	10	HDR BIAS	9.2083	9.2145	0.0062
14	10	HDR BIAS	9.1297	9.1354	0.0057
15	10	HDR BIAS	8.9909	8.9769	-0.014
16	10	HDR UNBIAS	9.0214	9.0193	-0.0021
17	10	HDR UNBIAS	9.1013	9.0882	-0.0131
18	10	HDR UNBIAS	9.2449	9.2496	0.0047
19	10	HDR UNBIAS	9.3313	9.3304	-0.0009
20	10	HDR UNBIAS	9.1267	9.1154	-0.0113
31	30	HDR BIAS	9.0296	9.0108	-0.0188
32	30	HDR BIAS	9.2334	9.2577	0.0243
33	30	HDR BIAS	9.0275	9.0657	0.0382
34	30	HDR BIAS	8.9436	8.9444	0.0008
35	30	HDR BIAS	9.0419	9.0554	0.0135
36	30	HDR UNBIAS	9.1543	9.1943	0.04
37	30	HDR UNBIAS	9.098	9.1165	0.0185
38	30	HDR UNBIAS	9.02	9.0494	0.0294
39	30	HDR UNBIAS	9.3501	9.315	-0.0351
40	30	HDR UNBIAS	9.0084	8.9922	-0.0162
41	50	HDR BIAS	8.9902	8.996	0.0058
42	50	HDR BIAS	9.1022	9.1021	-0.0001
43	50	HDR BIAS	9.025	9.0682	0.0432
44	50	HDR BIAS	9.1899	9.2687	0.0788
45	50	HDR BIAS	9.117	9.14	0.023
46	50	HDR UNBIAS	9.1354	9.2073	0.0719
47	50	HDR UNBIAS	9.0844	9.0988	0.0144
48	50	HDR UNBIAS	9.0223	9.0531	0.0308
49	50	HDR UNBIAS	9.2639	9.3097	0.0458
50	50	HDR UNBIAS	9.1454	9.2402	0.0948
51	100	HDR BIAS	9.0646	9.1185	0.0539
52	100	HDR BIAS	9.1214	9.2197	0.0983
53	100	HDR BIAS	9.0588	9.1557	0.0969
54	100	HDR BIAS	9.2171	9.3656	0.1485
55	100	HDR BIAS	9.2391	9.2863	0.0472
56	100	HDR UNBIAS	9.0927	9.2033	0.1106
57	100	HDR UNBIAS	9.2146	9.2713	0.0567
58	100	HDR UNBIAS	9.1436	9.1942	0.0506
59	100	HDR UNBIAS	9.1181	9.1597	0.0416
60	100	HDR UNBIAS	9.2044	9.279	0.0746
71	0	CORRELATION	8.9964	9.0034	0.007
72	0	CORRELATION	8.8741	8.8635	-0.0106
73	0	CORRELATION	9.0982	9.0852	-0.013

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	8.8741	8.9896	9.0982	0.11221	8.8635	8.984	9.0852	0.11211	-0.013	-0.0055333	0.007	0.01092
3	8.9055	9.1296	9.2952	0.11654	8.9204	9.1296	9.2976	0.11266	-0.0121	-1e-05	0.0149	0.008763
10	8.9909	9.1515	9.3313	0.12026	8.9769	9.1535	9.3394	0.1255	-0.014	0.00203	0.0234	0.013211
30	8.9436	9.0907	9.3501	0.1226	8.9444	9.1001	9.315	0.12008	-0.0351	0.00946	0.04	0.025803
50	8.9902	9.1076	9.2639	0.082961	8.996	9.1484	9.3097	0.10317	-0.0001	0.04084	0.0948	0.032266
100	9.0588	9.1474	9.2391	0.066898	9.1185	9.2253	9.3656	0.074864	0.0416	0.07789	0.1485	0.034757

Device Test: 14.23 IDD|SUPPLY CURRENT/IN/5/5/0/1000/5/500kHz//@IDD_ACT_500K_LOAD_5V





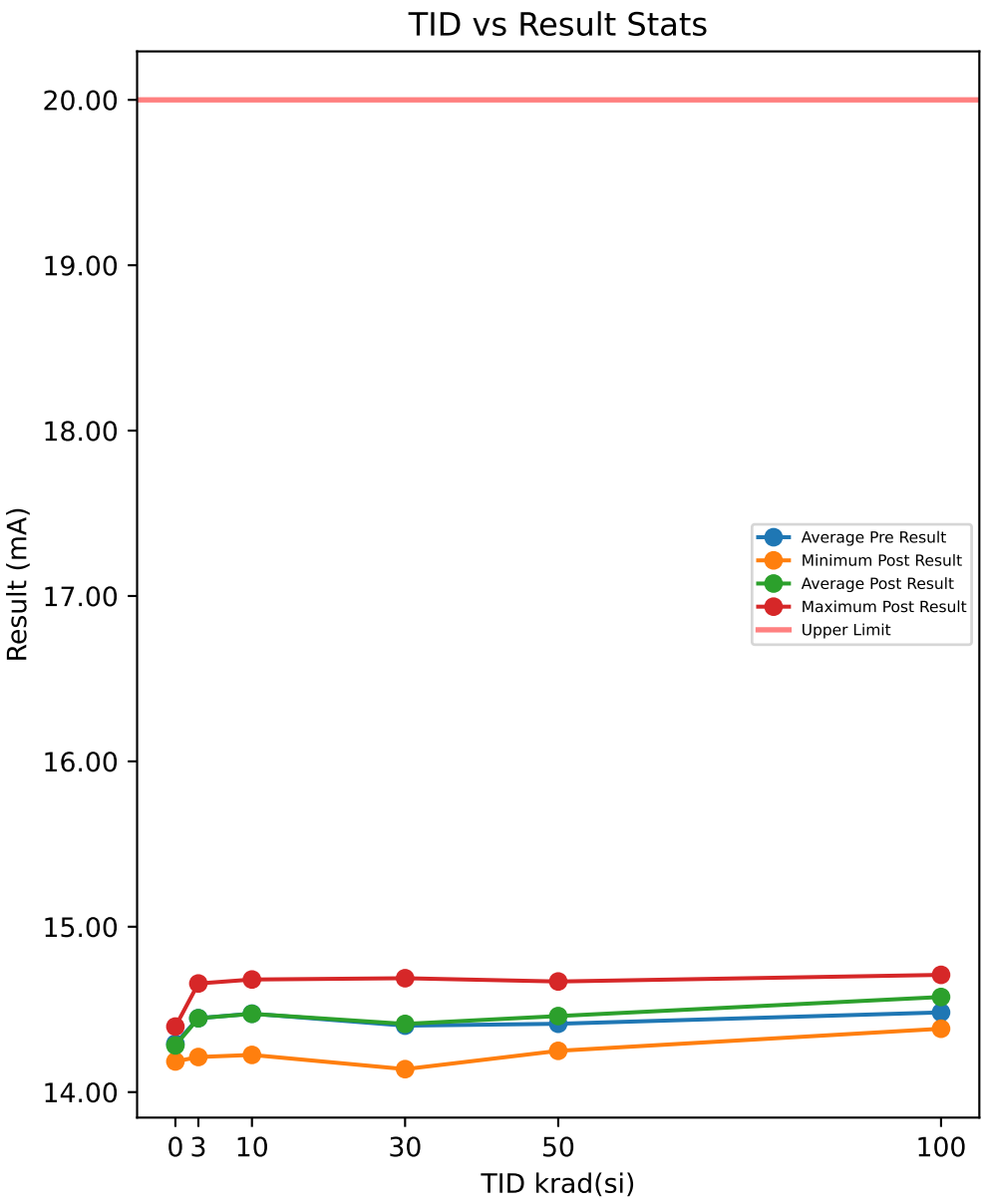
Test Results (Upper Limit = 20.0 (mA))

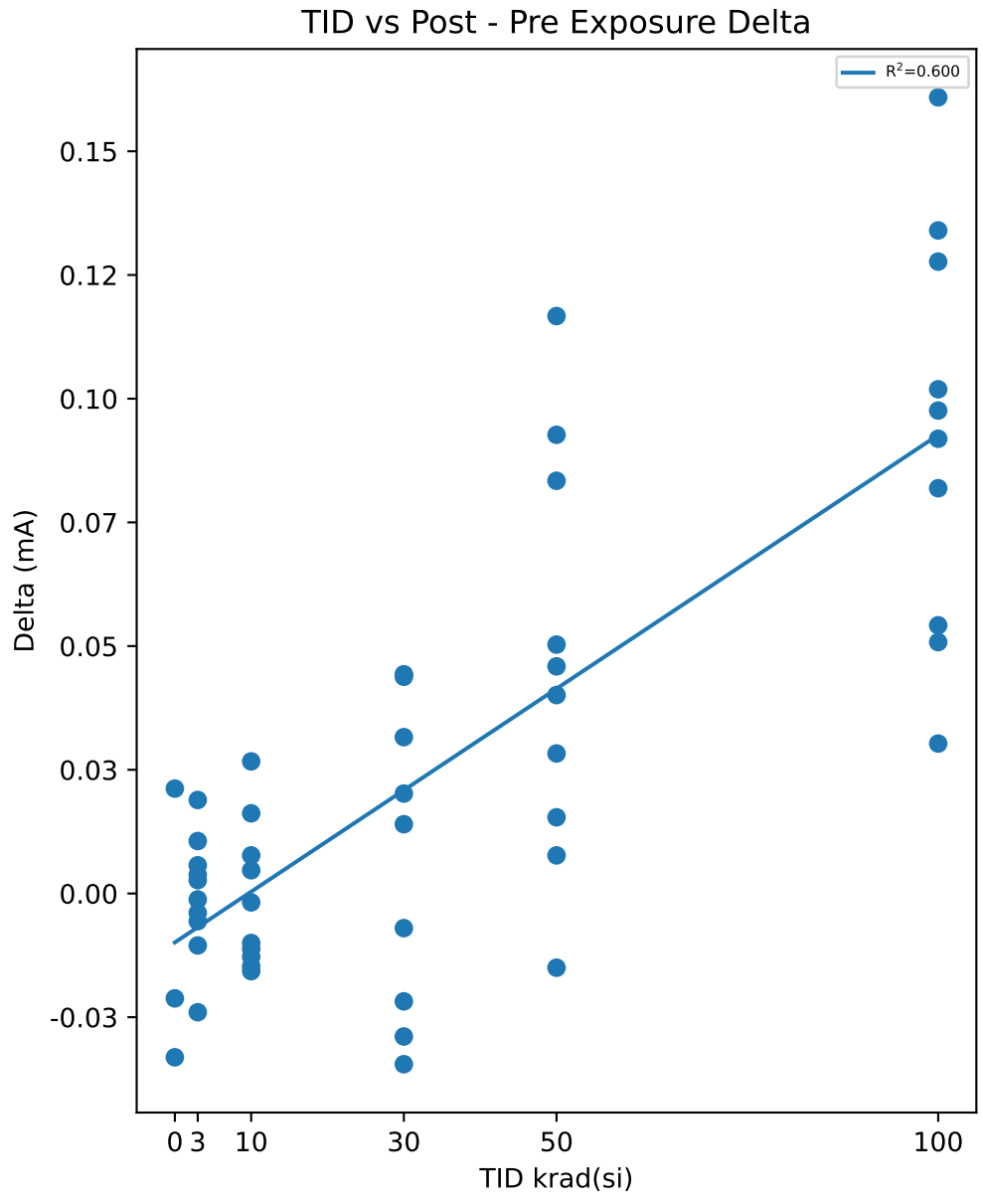
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	9.8752	9.8698	-0.0054
2	3	HDR BIAS	9.7683	9.7691	0.0008
3	3	HDR BIAS	9.864	9.8698	0.0058
4	3	HDR BIAS	9.946	9.9571	0.0111
5	3	HDR BIAS	9.8777	9.8657	-0.012
6	3	HDR UNBIAS	9.8299	9.829	-0.0009
7	3	HDR UNBIAS	9.9526	9.9505	-0.0021
8	3	HDR UNBIAS	10.06	10.062	0.0025
9	3	HDR UNBIAS	9.6354	9.6511	0.0157
10	3	HDR UNBIAS	10.045	10.032	-0.0132
11	10	HDR BIAS	10.086	10.108	0.0219
12	10	HDR BIAS	9.788	9.8137	0.0257
13	10	HDR BIAS	9.9715	9.9773	0.0058
14	10	HDR BIAS	9.8893	9.8948	0.0055
15	10	HDR BIAS	9.7396	9.7246	-0.015
16	10	HDR UNBIAS	9.7672	9.764	-0.0032
17	10	HDR UNBIAS	9.8575	9.8431	-0.0144
18	10	HDR UNBIAS	10.011	10.015	0.0046
19	10	HDR UNBIAS	10.099	10.098	-0.0014
20	10	HDR UNBIAS	9.8877	9.8749	-0.0128
31	30	HDR BIAS	9.7821	9.7638	-0.0183
32	30	HDR BIAS	9.997	10.024	0.0265
33	30	HDR BIAS	9.7808	9.8209	0.0401
34	30	HDR BIAS	9.6872	9.6864	-0.0008
35	30	HDR BIAS	9.7936	9.8094	0.0158
36	30	HDR UNBIAS	9.9117	9.9551	0.0434
37	30	HDR UNBIAS	9.854	9.8723	0.0183
38	30	HDR UNBIAS	9.767	9.8001	0.0331
39	30	HDR UNBIAS	10.12	10.085	-0.035
40	30	HDR UNBIAS	9.7547	9.7396	-0.0151
41	50	HDR BIAS	9.7424	9.7483	0.0059
42	50	HDR BIAS	9.8535	9.8525	-0.001
43	50	HDR BIAS	9.7759	9.8218	0.0459
44	50	HDR BIAS	9.9513	10.035	0.0834
45	50	HDR BIAS	9.8712	9.8971	0.0259
46	50	HDR UNBIAS	9.8927	9.9705	0.0778
47	50	HDR UNBIAS	9.8411	9.8563	0.0152
48	50	HDR UNBIAS	9.7722	9.8092	0.037
49	50	HDR UNBIAS	10.026	10.072	0.0467
50	50	HDR UNBIAS	9.9081	10.008	0.1
51	100	HDR BIAS	9.8177	9.8767	0.059
52	100	HDR BIAS	9.8775	9.9812	0.1037
53	100	HDR BIAS	9.8085	9.9163	0.1078
54	100	HDR BIAS	9.9799	10.136	0.1566
55	100	HDR BIAS	10.004	10.051	0.0465
56	100	HDR UNBIAS	9.841	9.9627	0.1217
57	100	HDR UNBIAS	9.9813	10.04	0.0583
58	100	HDR UNBIAS	9.9044	9.9572	0.0528
59	100	HDR UNBIAS	9.878	9.9232	0.0452
60	100	HDR UNBIAS	9.9676	10.048	0.0805
71	0	CORRELATION	9.7422	9.7501	0.0079
72	0	CORRELATION	9.6109	9.599	-0.0119
73	0	CORRELATION	9.8538	9.8402	-0.0136

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	9.6109	9.7356	9.8538	0.12158	9.599	9.7298	9.8402	0.12188	-0.0136	-0.0058667	0.0079	0.011953
3	9.6354	9.8854	10.06	0.12647	9.6511	9.8856	10.062	0.12227	-0.0132	0.00023	0.0157	0.0092034
10	9.7396	9.9097	10.099	0.12863	9.7246	9.9114	10.108	0.13382	-0.015	0.00167	0.0257	0.014164
30	9.6872	9.8448	10.12	0.1305	9.6864	9.8556	10.085	0.12826	-0.035	0.0108	0.0434	0.026866
50	9.7424	9.8634	10.026	0.087047	9.7483	9.9071	10.072	0.1083	-0.001	0.04368	0.1	0.034194
100	9.8085	9.906	10.004	0.072828	9.8767	9.9892	10.136	0.07862	0.0452	0.08321	0.1566	0.037747

Device Test: 14.24 IDD|SUPPLY CURRENT/IN/12/12/0/1000/5/500kHz//@IDD_ACT_500K_LOAD_12V





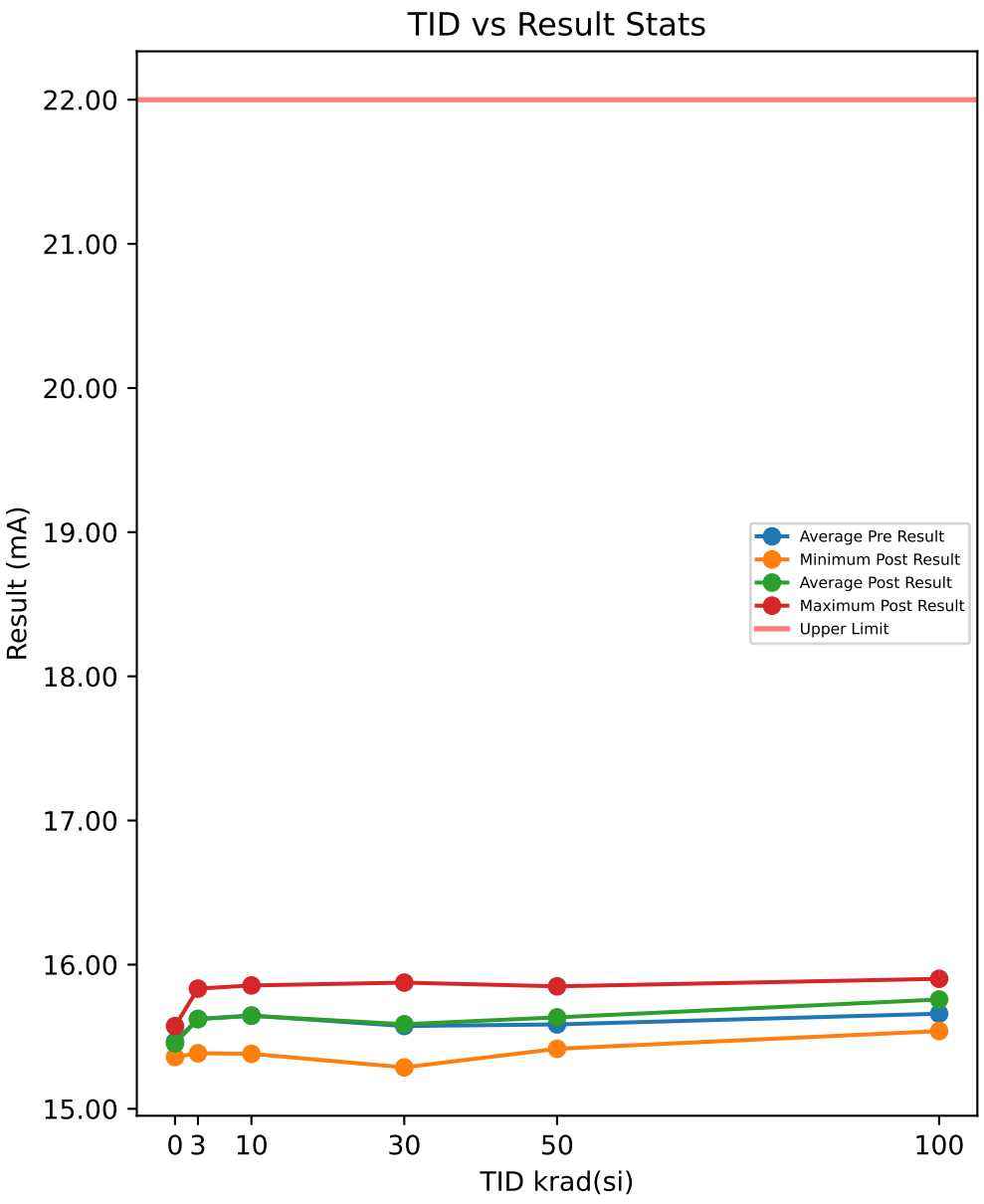
Test Results (Upper Limit = 20.0 (mA))

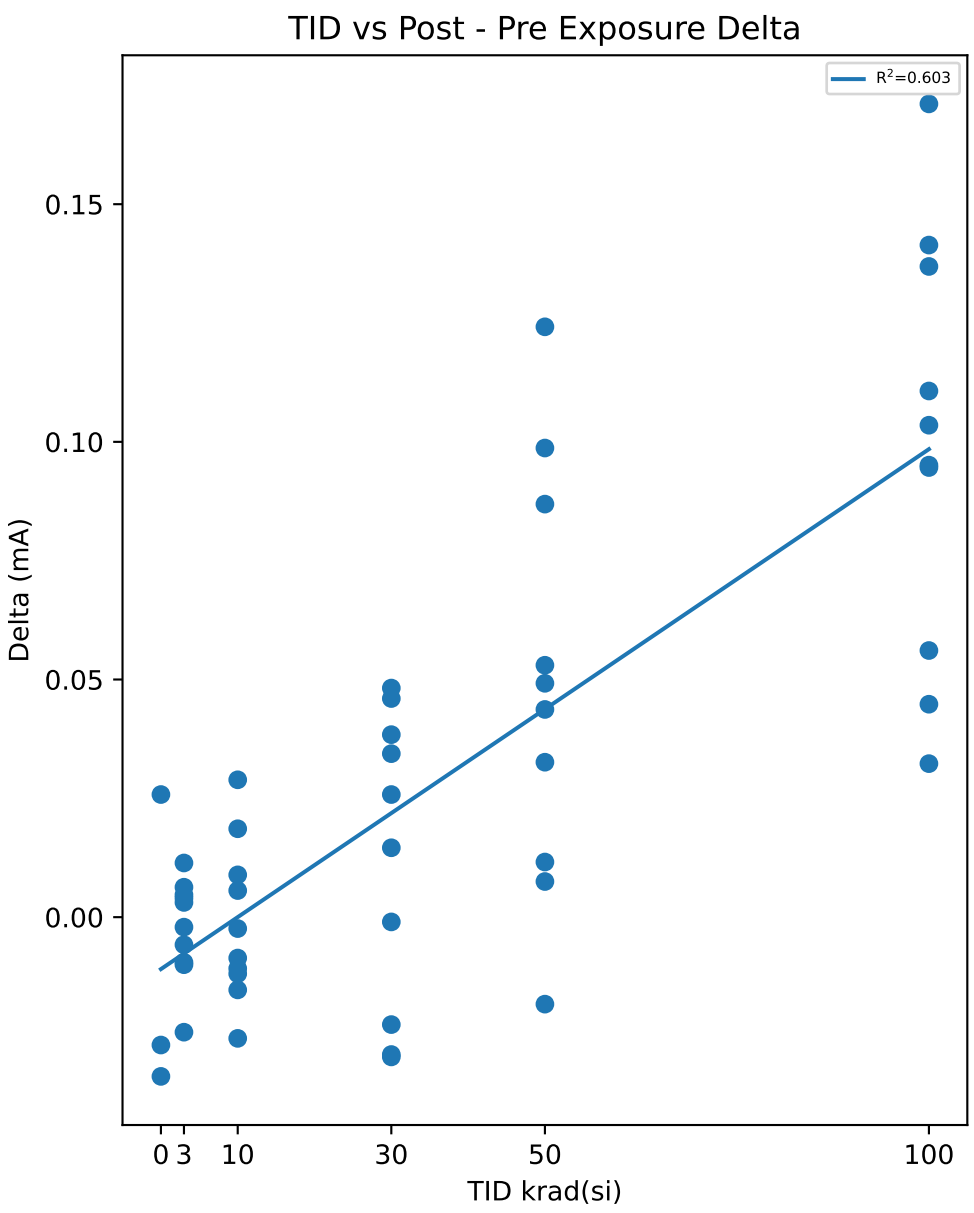
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	14.438	14.428	-0.0105
2	3	HDR BIAS	14.363	14.367	0.0038
3	3	HDR BIAS	14.409	14.412	0.0027
4	3	HDR BIAS	14.496	14.502	0.0057
5	3	HDR BIAS	14.405	14.402	-0.0039
6	3	HDR UNBIAS	14.337	14.335	-0.0012
7	3	HDR UNBIAS	14.554	14.548	-0.0056
8	3	HDR UNBIAS	14.646	14.657	0.0106
9	3	HDR UNBIAS	14.193	14.212	0.0189
10	3	HDR UNBIAS	14.628	14.604	-0.024
11	10	HDR BIAS	14.654	14.681	0.0267
12	10	HDR BIAS	14.38	14.396	0.0162
13	10	HDR BIAS	14.561	14.559	-0.0018
14	10	HDR BIAS	14.432	14.44	0.0077
15	10	HDR BIAS	14.241	14.225	-0.0157
16	10	HDR UNBIAS	14.324	14.314	-0.01
17	10	HDR UNBIAS	14.384	14.369	-0.0147
18	10	HDR UNBIAS	14.614	14.619	0.0047
19	10	HDR UNBIAS	14.681	14.67	-0.0112
20	10	HDR UNBIAS	14.473	14.461	-0.0128
31	30	HDR BIAS	14.336	14.329	-0.007
32	30	HDR BIAS	14.591	14.622	0.0316
33	30	HDR BIAS	14.321	14.366	0.0442
34	30	HDR BIAS	14.161	14.139	-0.0218
35	30	HDR BIAS	14.34	14.354	0.014
36	30	HDR UNBIAS	14.492	14.536	0.0443
37	30	HDR UNBIAS	14.44	14.46	0.0202
38	30	HDR UNBIAS	14.297	14.341	0.0438
39	30	HDR UNBIAS	14.723	14.689	-0.0345
40	30	HDR UNBIAS	14.317	14.288	-0.0289
41	50	HDR BIAS	14.242	14.249	0.0077
42	50	HDR BIAS	14.414	14.399	-0.015
43	50	HDR BIAS	14.29	14.33	0.0401
44	50	HDR BIAS	14.525	14.608	0.0834
45	50	HDR BIAS	14.392	14.443	0.0503
46	50	HDR UNBIAS	14.46	14.553	0.0927
47	50	HDR UNBIAS	14.382	14.41	0.0283
48	50	HDR UNBIAS	14.32	14.335	0.0154
49	50	HDR UNBIAS	14.623	14.669	0.0459
50	50	HDR UNBIAS	14.486	14.603	0.1167
51	100	HDR BIAS	14.329	14.383	0.0542
52	100	HDR BIAS	14.415	14.517	0.1019
53	100	HDR BIAS	14.329	14.456	0.1277
54	100	HDR BIAS	14.575	14.709	0.134
55	100	HDR BIAS	14.618	14.648	0.0303
56	100	HDR UNBIAS	14.393	14.554	0.1609
57	100	HDR UNBIAS	14.544	14.642	0.0976
58	100	HDR UNBIAS	14.477	14.559	0.0819
59	100	HDR UNBIAS	14.527	14.578	0.0508
60	100	HDR UNBIAS	14.613	14.705	0.0919
71	0	CORRELATION	14.244	14.265	0.0212
72	0	CORRELATION	14.207	14.185	-0.0212
73	0	CORRELATION	14.429	14.396	-0.0331

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	14.207	14.293	14.429	0.11931	14.185	14.282	14.396	0.10648	-0.0331	-0.011033	0.0212	0.028542
3	14.193	14.447	14.646	0.13869	14.212	14.447	14.657	0.13316	-0.024	-0.00035	0.0189	0.011817
10	14.241	14.474	14.681	0.14848	14.225	14.473	14.681	0.15479	-0.0157	-0.00109	0.0267	0.014529
30	14.161	14.402	14.723	0.16311	14.139	14.412	14.689	0.16531	-0.0345	0.01059	0.0443	0.031385
50	14.242	14.413	14.623	0.11495	14.249	14.46	14.669	0.14071	-0.015	0.04655	0.1167	0.040914
100	14.329	14.482	14.618	0.11041	14.383	14.575	14.709	0.10529	0.0303	0.09312	0.1609	0.04074

Device Test: 14.25 IDD|SUPPLY CURRENT/IN/14/14/0/1000/5/500kHz//@IDD_ACT_500K_LOAD_14V





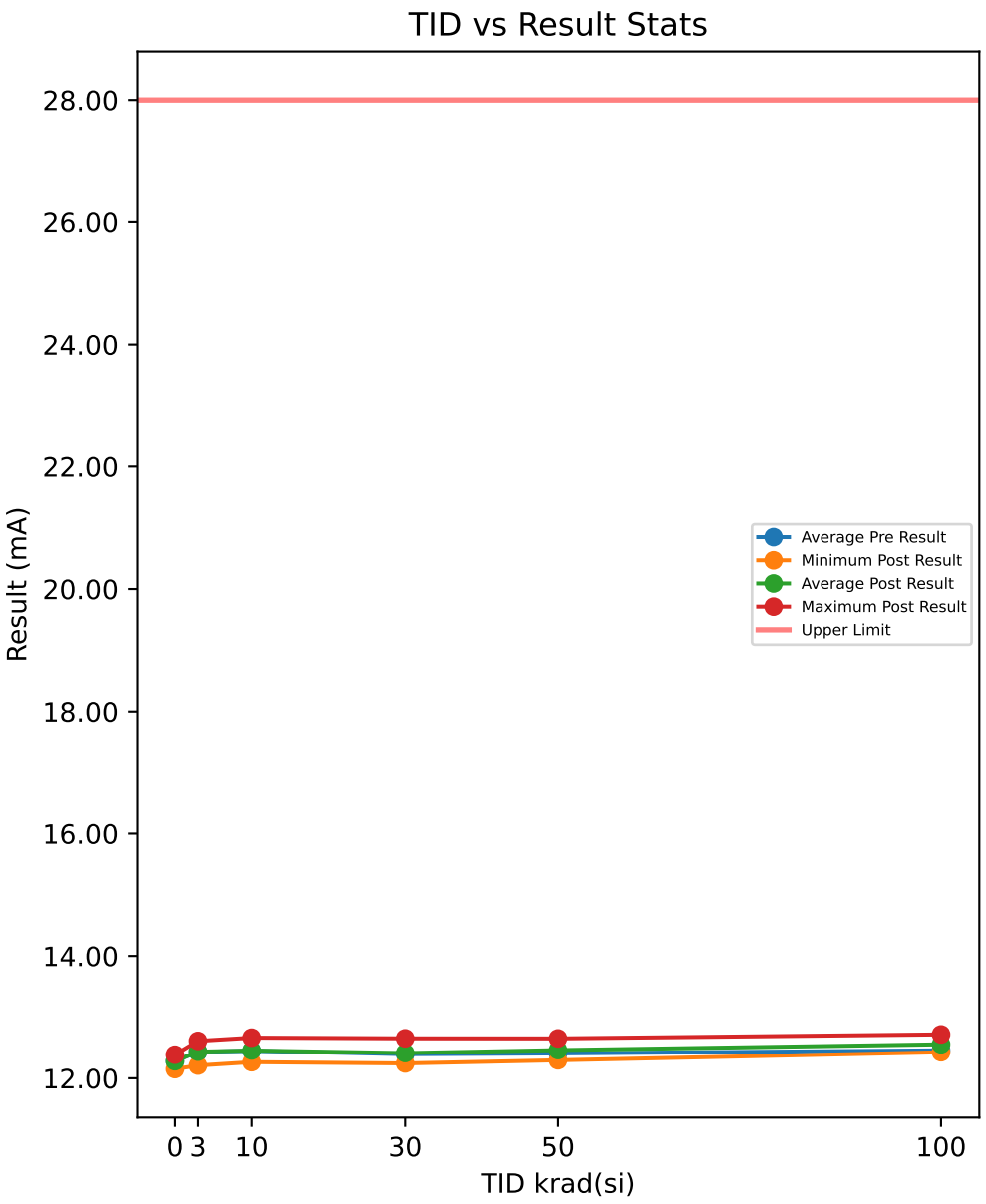
Test Results (Upper Limit = 22.0 (mA))

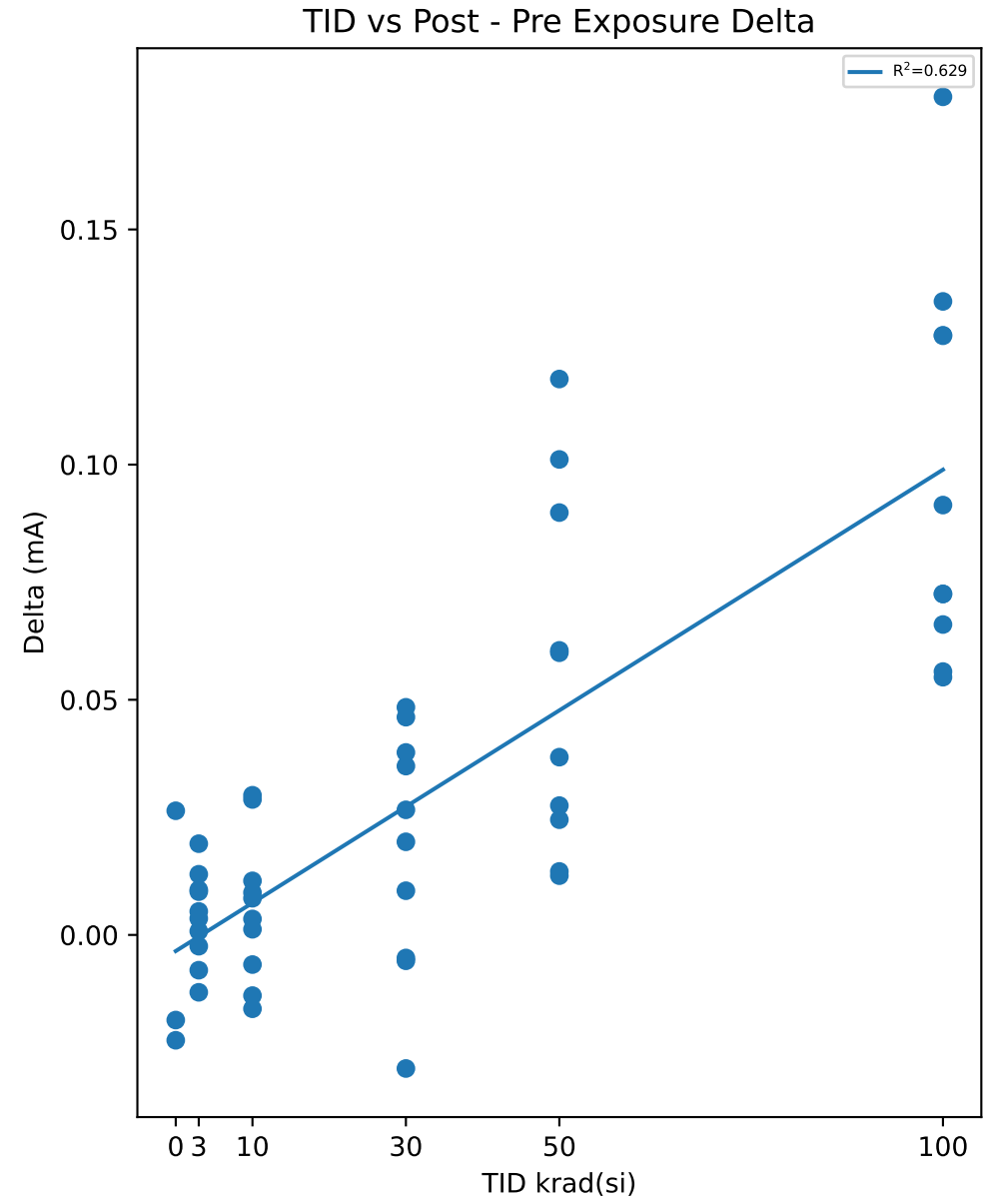
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	15.611	15.602	-0.0095
2	3	HDR BIAS	15.553	15.557	0.004
3	3	HDR BIAS	15.578	15.581	0.0031
4	3	HDR BIAS	15.673	15.678	0.0047
5	3	HDR BIAS	15.569	15.566	-0.0021
6	3	HDR UNBIAS	15.505	15.495	-0.01
7	3	HDR UNBIAS	15.738	15.732	-0.0058
8	3	HDR UNBIAS	15.822	15.834	0.0114
9	3	HDR UNBIAS	15.379	15.385	0.0063
10	3	HDR UNBIAS	15.809	15.784	-0.0242
11	10	HDR BIAS	15.827	15.856	0.0289
12	10	HDR BIAS	15.553	15.572	0.0186
13	10	HDR BIAS	15.741	15.738	-0.0024
14	10	HDR BIAS	15.604	15.613	0.0089
15	10	HDR BIAS	15.407	15.381	-0.0255
16	10	HDR UNBIAS	15.49	15.481	-0.0086
17	10	HDR UNBIAS	15.546	15.531	-0.0153
18	10	HDR UNBIAS	15.791	15.797	0.0056
19	10	HDR UNBIAS	15.862	15.851	-0.0108
20	10	HDR UNBIAS	15.644	15.633	-0.0119
31	30	HDR BIAS	15.504	15.503	-0.001
32	30	HDR BIAS	15.771	15.806	0.0344
33	30	HDR BIAS	15.491	15.529	0.0384
34	30	HDR BIAS	15.31	15.287	-0.0226
35	30	HDR BIAS	15.513	15.528	0.0146
36	30	HDR UNBIAS	15.678	15.724	0.046
37	30	HDR UNBIAS	15.615	15.641	0.0258
38	30	HDR UNBIAS	15.466	15.514	0.0482
39	30	HDR UNBIAS	15.904	15.875	-0.0289
40	30	HDR UNBIAS	15.49	15.46	-0.0294
41	50	HDR BIAS	15.409	15.416	0.0075
42	50	HDR BIAS	15.594	15.575	-0.0183
43	50	HDR BIAS	15.456	15.499	0.0437
44	50	HDR BIAS	15.697	15.784	0.0869
45	50	HDR BIAS	15.554	15.603	0.0492
46	50	HDR UNBIAS	15.64	15.739	0.0987
47	50	HDR UNBIAS	15.55	15.583	0.0326
48	50	HDR UNBIAS	15.494	15.506	0.0116
49	50	HDR UNBIAS	15.797	15.85	0.053
50	50	HDR UNBIAS	15.664	15.788	0.1242
51	100	HDR BIAS	15.494	15.539	0.0448
52	100	HDR BIAS	15.58	15.684	0.1035
53	100	HDR BIAS	15.494	15.63	0.1369
54	100	HDR BIAS	15.757	15.899	0.1414
55	100	HDR BIAS	15.802	15.834	0.0323
56	100	HDR UNBIAS	15.568	15.739	0.1711
57	100	HDR UNBIAS	15.717	15.827	0.1107
58	100	HDR UNBIAS	15.661	15.756	0.0951
59	100	HDR UNBIAS	15.717	15.773	0.0561
60	100	HDR UNBIAS	15.807	15.902	0.0946
71	0	CORRELATION	15.403	15.429	0.0258
72	0	CORRELATION	15.386	15.359	-0.0269
73	0	CORRELATION	15.607	15.574	-0.0335

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	15.386	15.466	15.607	0.12316	15.359	15.454	15.574	0.10956	-0.0335	-0.011533	0.0258	0.0325
3	15.379	15.624	15.822	0.13881	15.385	15.622	15.834	0.13663	-0.0242	-0.00221	0.0114	0.010448
10	15.407	15.646	15.862	0.1532	15.381	15.645	15.856	0.16141	-0.0255	-0.00125	0.0289	0.016661
30	15.31	15.574	15.904	0.17143	15.287	15.587	15.875	0.17563	-0.0294	0.01255	0.0482	0.030934
50	15.409	15.585	15.797	0.11778	15.416	15.634	15.85	0.14629	-0.0183	0.04891	0.1242	0.044127
100	15.494	15.66	15.807	0.11905	15.539	15.758	15.902	0.11606	0.0323	0.09865	0.1711	0.044535

Device Test: 14.26 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/1000/4.5/1MHz//@IDD_ACT_1M_LOAD_4P5V





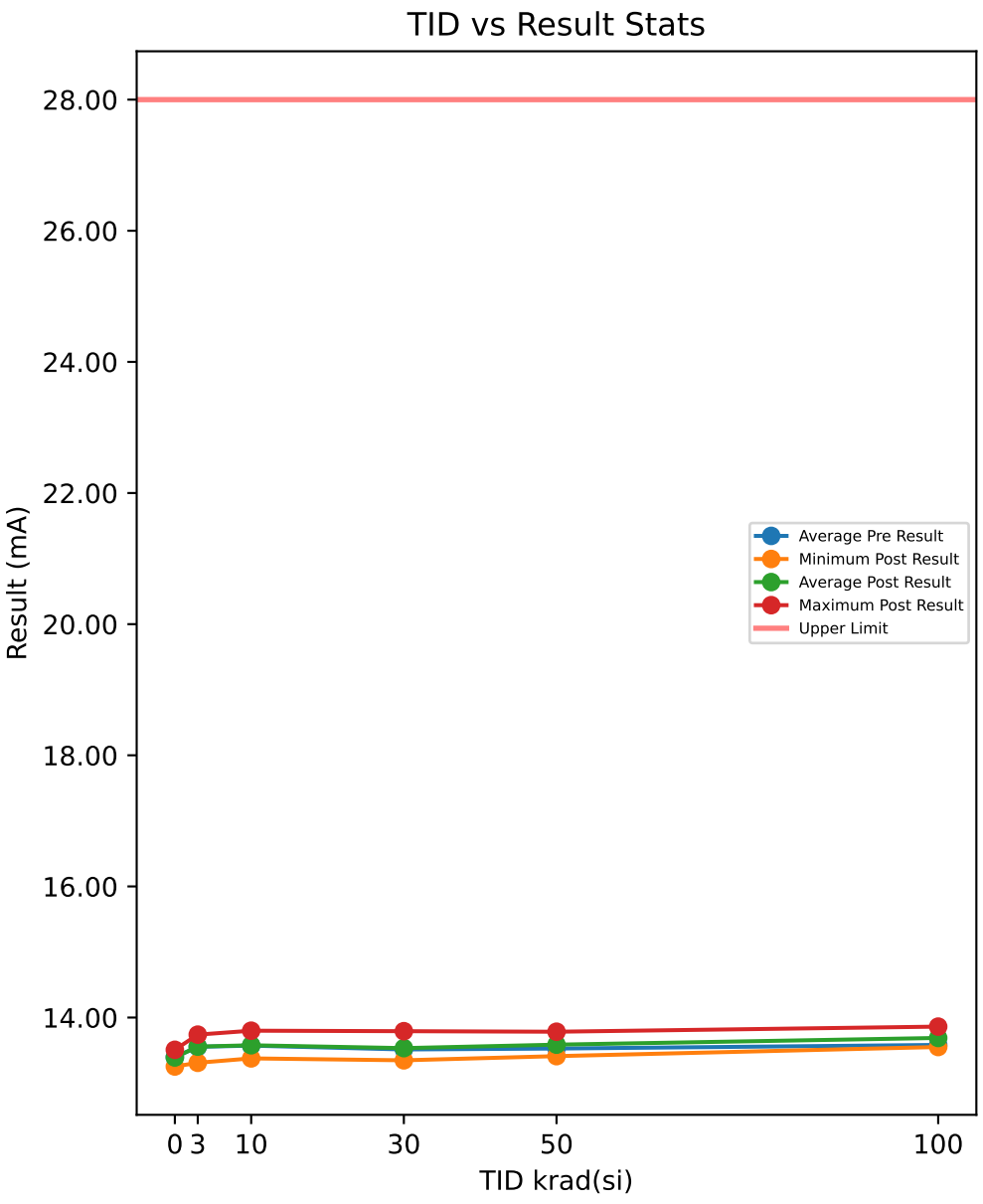
Test Results (Upper Limit = 28.0 (mA))

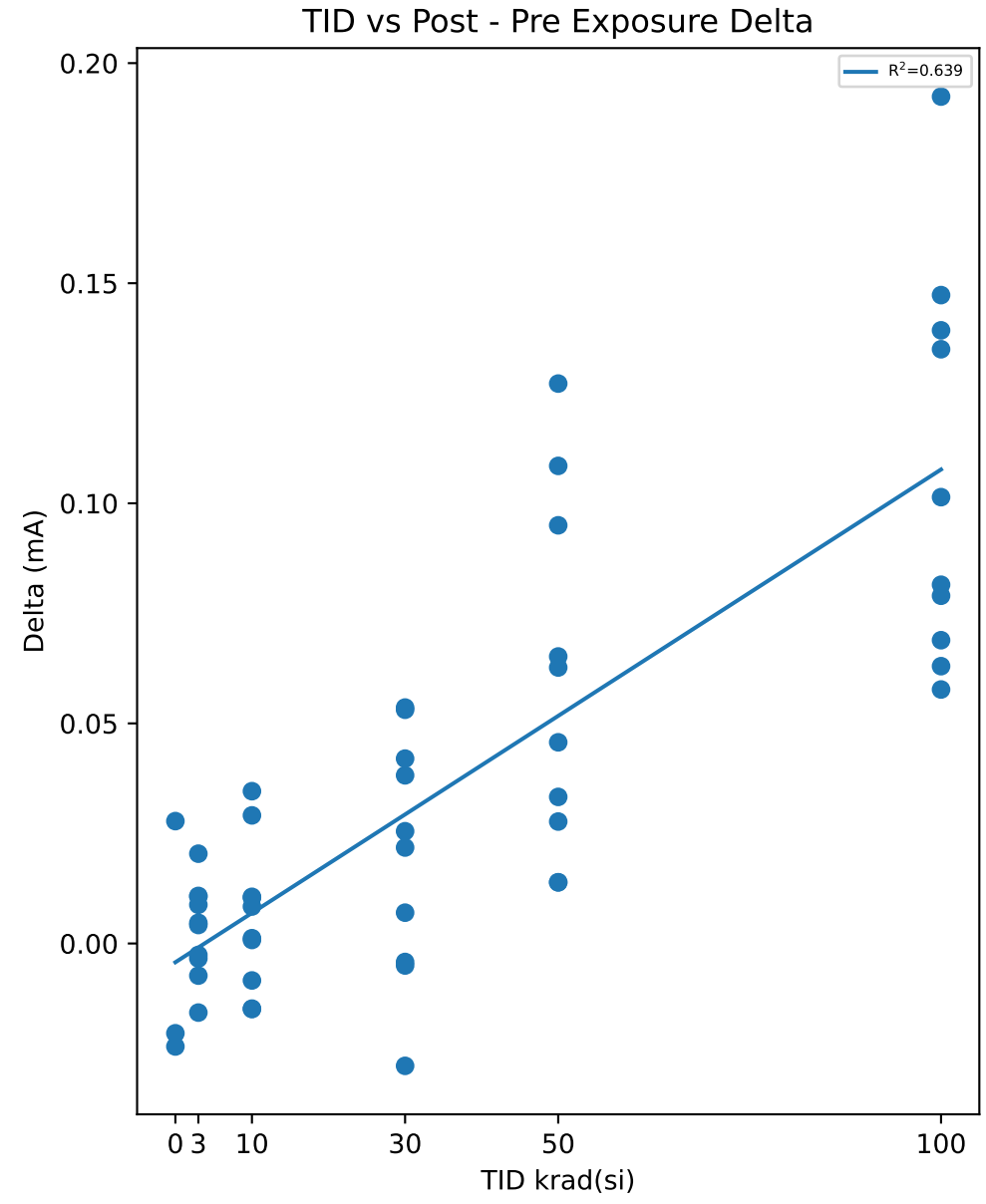
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	12.419	12.416	-0.0024
2	3	HDR BIAS	12.309	12.314	0.005
3	3	HDR BIAS	12.399	12.409	0.0096
4	3	HDR BIAS	12.495	12.508	0.0129
5	3	HDR BIAS	12.418	12.411	-0.0075
6	3	HDR UNBIAS	12.363	12.366	0.0035
7	3	HDR UNBIAS	12.525	12.526	0.0008
8	3	HDR UNBIAS	12.602	12.612	0.0092
9	3	HDR UNBIAS	12.188	12.208	0.0194
10	3	HDR UNBIAS	12.597	12.585	-0.0122
11	10	HDR BIAS	12.621	12.65	0.0288
12	10	HDR BIAS	12.326	12.356	0.0297
13	10	HDR BIAS	12.536	12.548	0.0115
14	10	HDR BIAS	12.414	12.422	0.0078
15	10	HDR BIAS	12.279	12.263	-0.0157
16	10	HDR UNBIAS	12.303	12.304	0.0012
17	10	HDR UNBIAS	12.379	12.366	-0.0129
18	10	HDR UNBIAS	12.549	12.558	0.009
19	10	HDR UNBIAS	12.661	12.665	0.0034
20	10	HDR UNBIAS	12.424	12.418	-0.0063
31	30	HDR BIAS	12.305	12.3	-0.0055
32	30	HDR BIAS	12.549	12.585	0.0359
33	30	HDR BIAS	12.334	12.382	0.0484
34	30	HDR BIAS	12.233	12.243	0.0094
35	30	HDR BIAS	12.337	12.357	0.0198
36	30	HDR UNBIAS	12.472	12.518	0.0463
37	30	HDR UNBIAS	12.408	12.434	0.0266
38	30	HDR UNBIAS	12.314	12.353	0.0388
39	30	HDR UNBIAS	12.682	12.654	-0.0284
40	30	HDR UNBIAS	12.306	12.301	-0.0049
41	50	HDR BIAS	12.28	12.294	0.0135
42	50	HDR BIAS	12.391	12.403	0.0126
43	50	HDR BIAS	12.31	12.371	0.0605
44	50	HDR BIAS	12.491	12.592	0.1011
45	50	HDR BIAS	12.408	12.445	0.0378
46	50	HDR UNBIAS	12.444	12.534	0.0898
47	50	HDR UNBIAS	12.385	12.409	0.0245
48	50	HDR UNBIAS	12.297	12.325	0.0275
49	50	HDR UNBIAS	12.592	12.652	0.06
50	50	HDR UNBIAS	12.469	12.587	0.1182
51	100	HDR BIAS	12.353	12.426	0.0725
52	100	HDR BIAS	12.416	12.543	0.1274
53	100	HDR BIAS	12.327	12.454	0.1275
54	100	HDR BIAS	12.54	12.718	0.1782
55	100	HDR BIAS	12.565	12.62	0.0548
56	100	HDR UNBIAS	12.395	12.53	0.1347
57	100	HDR UNBIAS	12.524	12.597	0.0725
58	100	HDR UNBIAS	12.481	12.547	0.066
59	100	HDR UNBIAS	12.445	12.501	0.056
60	100	HDR UNBIAS	12.532	12.623	0.0914
71	0	CORRELATION	12.274	12.3	0.0264
72	0	CORRELATION	12.168	12.15	-0.0181
73	0	CORRELATION	12.408	12.386	-0.0224

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	12.168	12.283	12.408	0.12052	12.15	12.279	12.386	0.11959	-0.0224	-0.0047	0.0264	0.027019
3	12.188	12.432	12.602	0.12893	12.208	12.435	12.612	0.12465	-0.0122	0.00383	0.0194	0.0095546
10	12.279	12.449	12.661	0.13508	12.263	12.455	12.665	0.14172	-0.0157	0.00565	0.0297	0.015391
30	12.233	12.394	12.682	0.13663	12.243	12.413	12.654	0.13378	-0.0284	0.01864	0.0484	0.025506
50	12.28	12.407	12.592	0.097087	12.294	12.461	12.652	0.12288	0.0126	0.05455	0.1182	0.037839
100	12.327	12.458	12.565	0.083399	12.426	12.556	12.718	0.086734	0.0548	0.0981	0.1782	0.041515

Device Test: 14.27 IDD|SUPPLY CURRENT/IN/5/5/0/1000/5/1MHz//@IDD_ACT_1M_LOAD_5V





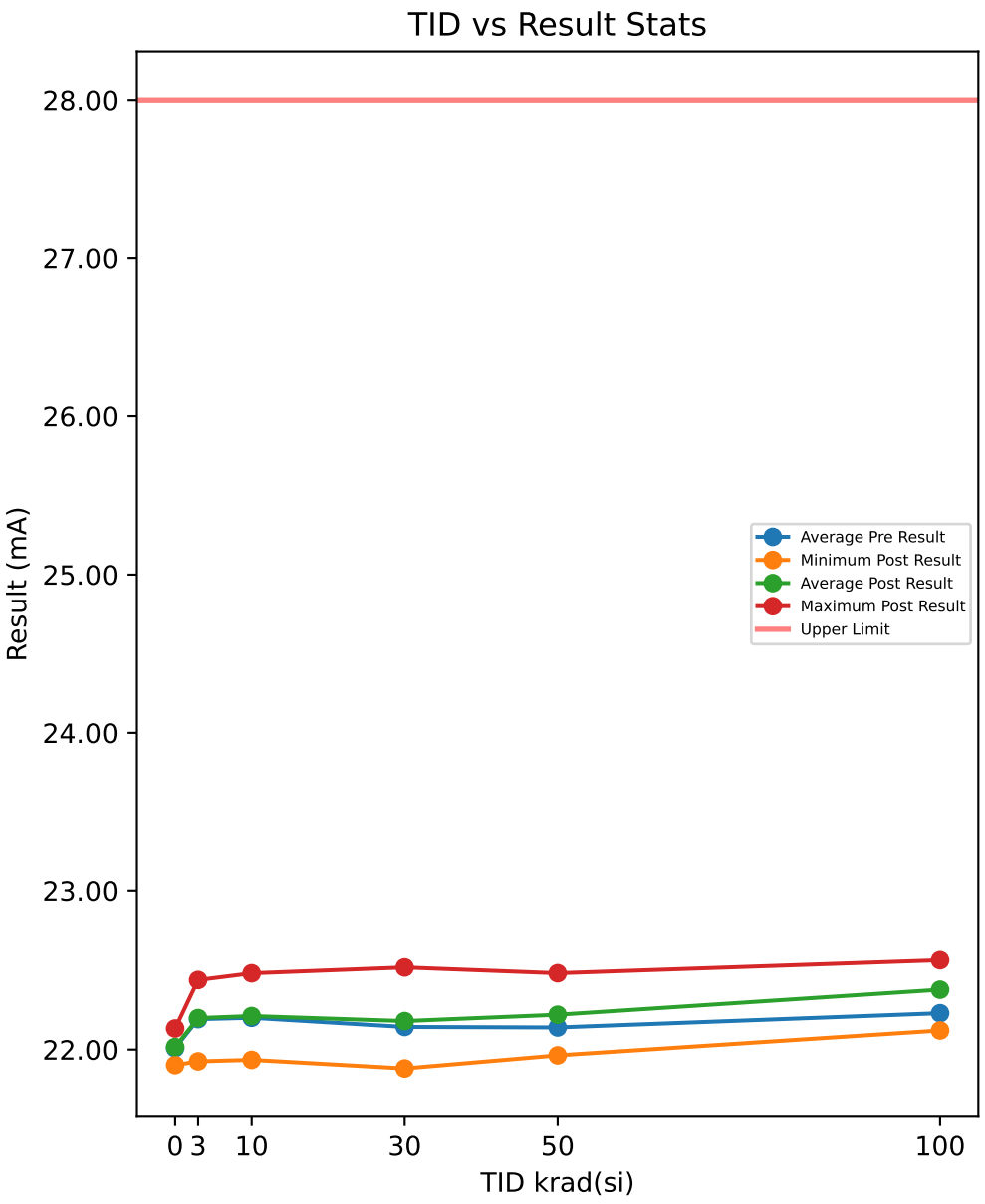
Test Results (Upper Limit = 28.0 (mA))

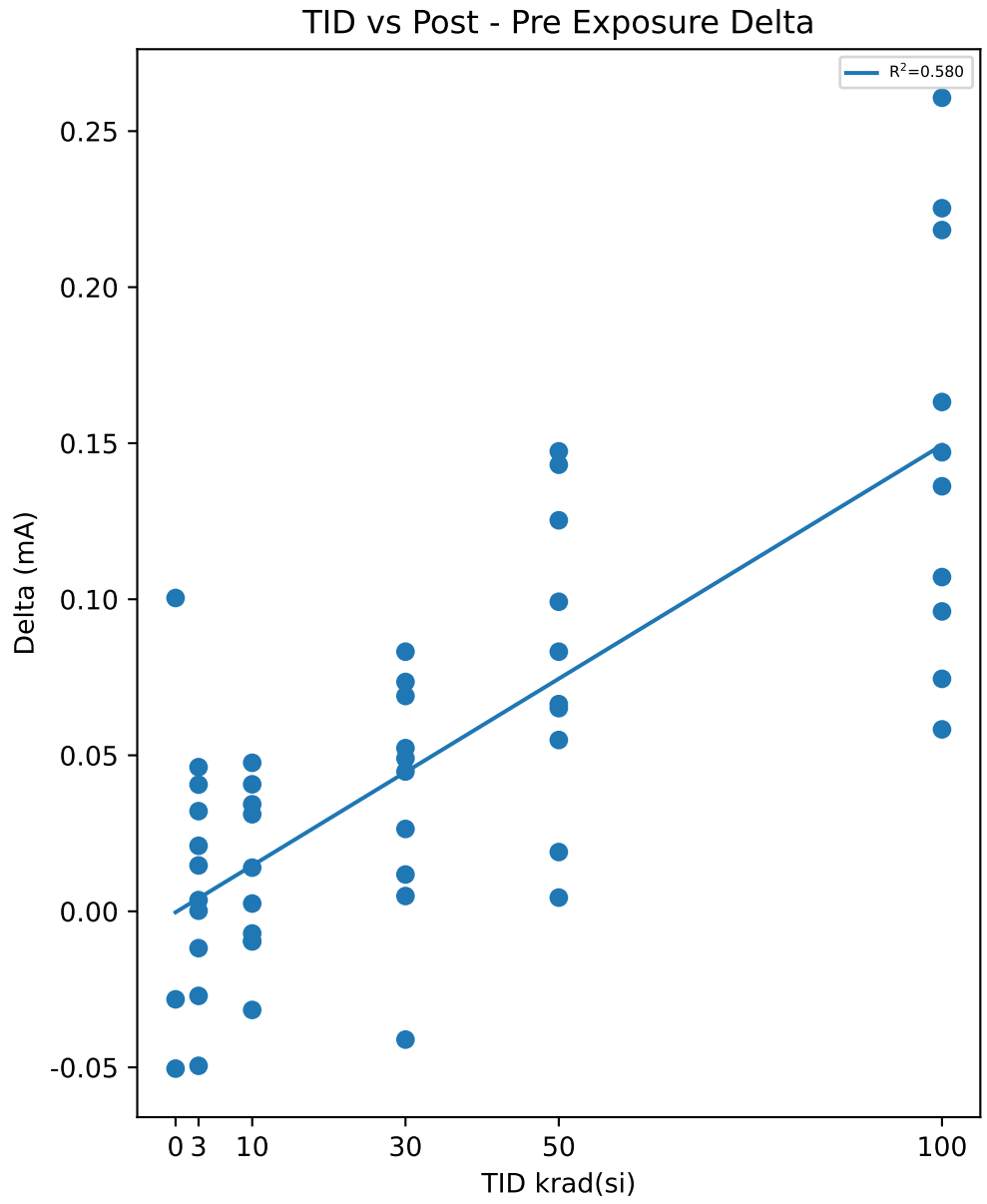
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	13.54	13.536	-0.0034
2	3	HDR BIAS	13.429	13.433	0.0042
3	3	HDR BIAS	13.518	13.528	0.0107
4	3	HDR BIAS	13.627	13.637	0.0108
5	3	HDR BIAS	13.537	13.53	-0.0073
6	3	HDR UNBIAS	13.478	13.482	0.0047
7	3	HDR UNBIAS	13.659	13.656	-0.0026
8	3	HDR UNBIAS	13.73	13.739	0.0088
9	3	HDR UNBIAS	13.29	13.31	0.0204
10	3	HDR UNBIAS	13.729	13.713	-0.0157
11	10	HDR BIAS	13.754	13.783	0.0291
12	10	HDR BIAS	13.435	13.47	0.0346
13	10	HDR BIAS	13.667	13.678	0.0104
14	10	HDR BIAS	13.536	13.544	0.0084
15	10	HDR BIAS	13.392	13.377	-0.0149
16	10	HDR UNBIAS	13.412	13.414	0.0012
17	10	HDR UNBIAS	13.495	13.481	-0.0148
18	10	HDR UNBIAS	13.678	13.689	0.0106
19	10	HDR UNBIAS	13.799	13.799	0.0008
20	10	HDR UNBIAS	13.547	13.539	-0.0084
31	30	HDR BIAS	13.418	13.413	-0.005
32	30	HDR BIAS	13.676	13.714	0.0382
33	30	HDR BIAS	13.451	13.505	0.0536
34	30	HDR BIAS	13.341	13.348	0.007
35	30	HDR BIAS	13.454	13.476	0.0218
36	30	HDR UNBIAS	13.594	13.648	0.0531
37	30	HDR UNBIAS	13.533	13.558	0.0255
38	30	HDR UNBIAS	13.426	13.468	0.042
39	30	HDR UNBIAS	13.82	13.792	-0.0278
40	30	HDR UNBIAS	13.419	13.415	-0.0042
41	50	HDR BIAS	13.398	13.411	0.0139
42	50	HDR BIAS	13.505	13.519	0.0139
43	50	HDR BIAS	13.428	13.493	0.0652
44	50	HDR BIAS	13.615	13.723	0.1085
45	50	HDR BIAS	13.523	13.569	0.0457
46	50	HDR UNBIAS	13.568	13.662	0.095
47	50	HDR UNBIAS	13.506	13.534	0.0277
48	50	HDR UNBIAS	13.412	13.446	0.0333
49	50	HDR UNBIAS	13.721	13.784	0.0627
50	50	HDR UNBIAS	13.595	13.722	0.1272
51	100	HDR BIAS	13.472	13.551	0.079
52	100	HDR BIAS	13.536	13.671	0.135
53	100	HDR BIAS	13.439	13.579	0.1393
54	100	HDR BIAS	13.669	13.862	0.1924
55	100	HDR BIAS	13.698	13.756	0.0577
56	100	HDR UNBIAS	13.51	13.657	0.1473
57	100	HDR UNBIAS	13.653	13.734	0.0815
58	100	HDR UNBIAS	13.611	13.68	0.0689
59	100	HDR UNBIAS	13.572	13.635	0.063
60	100	HDR UNBIAS	13.663	13.764	0.1014
71	0	CORRELATION	13.383	13.411	0.0278
72	0	CORRELATION	13.274	13.254	-0.0204
73	0	CORRELATION	13.532	13.508	-0.0234

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	13.274	13.396	13.532	0.12934	13.254	13.391	13.508	0.12854	-0.0234	-0.0053333	0.0278	0.028733
3	13.29	13.553	13.73	0.13793	13.31	13.557	13.739	0.13245	-0.0157	0.00306	0.0204	0.010482
10	13.392	13.572	13.799	0.14496	13.377	13.577	13.799	0.15073	-0.0149	0.0057	0.0346	0.016746
30	13.341	13.513	13.82	0.14529	13.348	13.534	13.792	0.14319	-0.0278	0.02042	0.0536	0.027358
50	13.398	13.527	13.721	0.10129	13.411	13.586	13.784	0.12853	0.0139	0.05931	0.1272	0.039908
100	13.439	13.582	13.698	0.090364	13.551	13.689	13.862	0.092862	0.0577	0.10655	0.1924	0.044754

Device Test: 14.28 IDD|SUPPLY CURRENT/IN/12/12/0/1000/5/1MHz//@IDD_ACT_1M_LOAD_12V





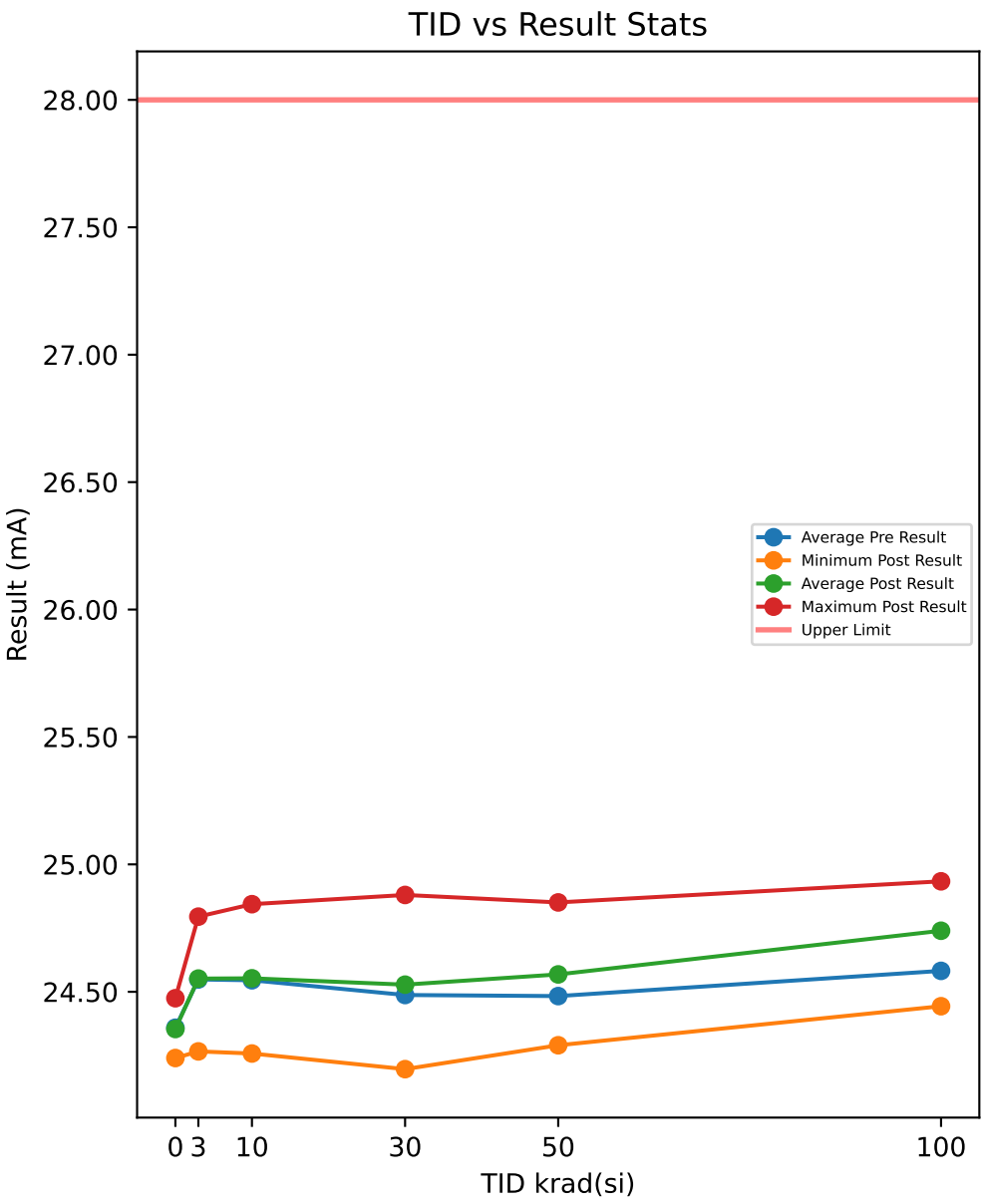
Test Results (Upper Limit = 28.0 (mA))

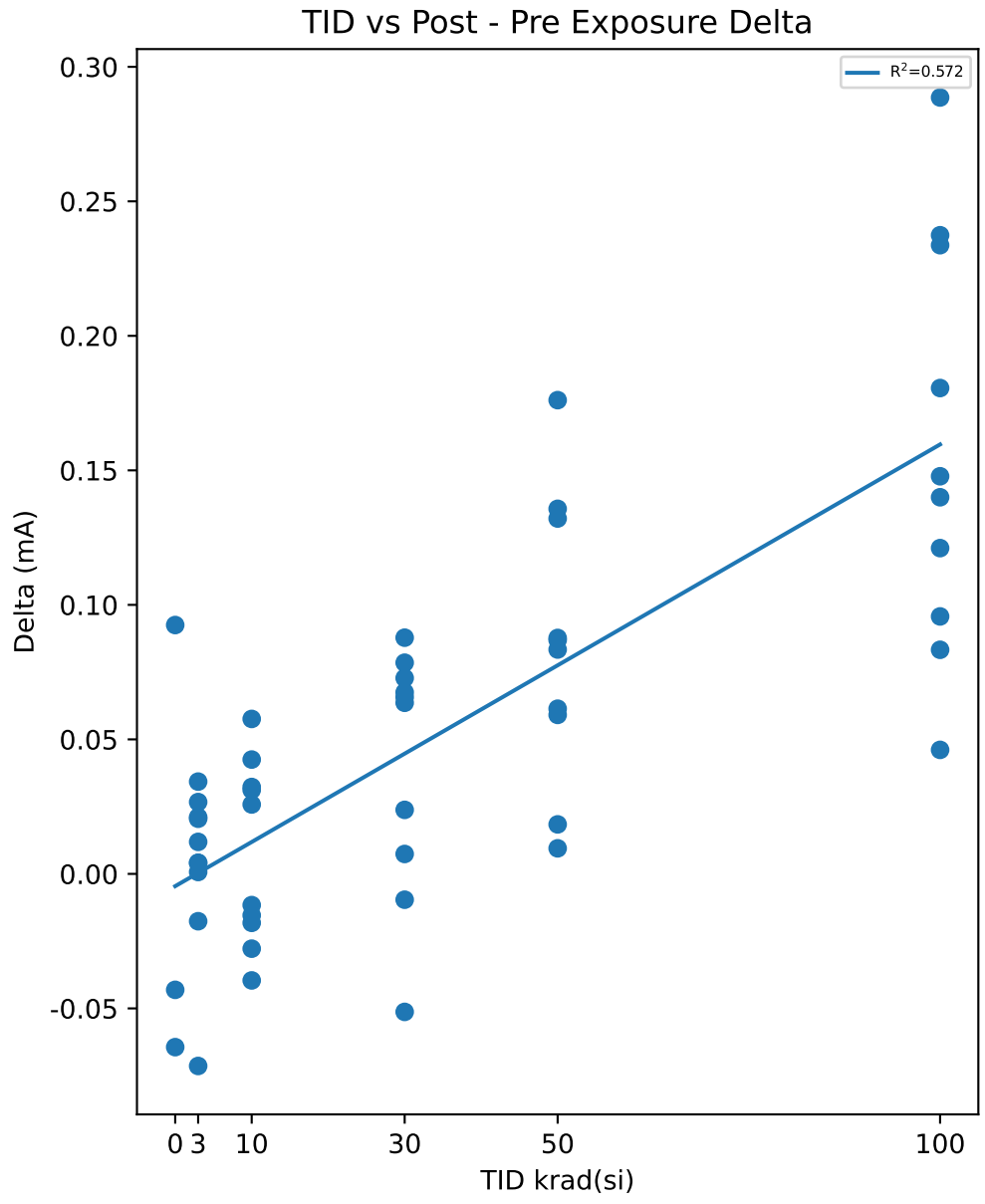
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	22.202	22.153	-0.0495
2	3	HDR BIAS	22.085	22.126	0.0406
3	3	HDR BIAS	22.127	22.141	0.0147
4	3	HDR BIAS	22.261	22.261	0.0002
5	3	HDR BIAS	22.135	22.108	-0.0271
6	3	HDR UNBIAS	22.06	22.064	0.0036
7	3	HDR UNBIAS	22.367	22.388	0.021
8	3	HDR UNBIAS	22.394	22.44	0.0462
9	3	HDR UNBIAS	21.893	21.925	0.0321
10	3	HDR UNBIAS	22.4	22.388	-0.0118
11	10	HDR BIAS	22.385	22.426	0.0407
12	10	HDR BIAS	22.099	22.147	0.0476
13	10	HDR BIAS	22.361	22.352	-0.0096
14	10	HDR BIAS	22.125	22.159	0.0343
15	10	HDR BIAS	21.942	21.935	-0.0071
16	10	HDR UNBIAS	22.02	22.023	0.0025
17	10	HDR UNBIAS	22.04	22.054	0.014
18	10	HDR UNBIAS	22.34	22.371	0.0311
19	10	HDR UNBIAS	22.492	22.483	-0.0096
20	10	HDR UNBIAS	22.206	22.174	-0.0316
31	30	HDR BIAS	22.029	22.074	0.0448
32	30	HDR BIAS	22.329	22.381	0.0523
33	30	HDR BIAS	22.061	22.144	0.0832
34	30	HDR BIAS	21.869	21.881	0.0118
35	30	HDR BIAS	22.04	22.067	0.0264
36	30	HDR UNBIAS	22.287	22.336	0.049
37	30	HDR UNBIAS	22.183	22.257	0.0735
38	30	HDR UNBIAS	22.03	22.099	0.069
39	30	HDR UNBIAS	22.515	22.52	0.0049
40	30	HDR UNBIAS	22.087	22.046	-0.0411
41	50	HDR BIAS	21.944	21.963	0.019
42	50	HDR BIAS	22.098	22.163	0.0651
43	50	HDR BIAS	22.01	22.093	0.0832
44	50	HDR BIAS	22.248	22.395	0.1474
45	50	HDR BIAS	22.086	22.186	0.0992
46	50	HDR UNBIAS	22.214	22.339	0.1253
47	50	HDR UNBIAS	22.105	22.16	0.0549
48	50	HDR UNBIAS	21.995	21.999	0.0044
49	50	HDR UNBIAS	22.416	22.483	0.0664
50	50	HDR UNBIAS	22.282	22.425	0.1431
51	100	HDR BIAS	22.024	22.121	0.0961
52	100	HDR BIAS	22.123	22.27	0.1471
53	100	HDR BIAS	21.97	22.188	0.2183
54	100	HDR BIAS	22.34	22.565	0.2253
55	100	HDR BIAS	22.403	22.477	0.0745
56	100	HDR UNBIAS	22.111	22.372	0.2607
57	100	HDR UNBIAS	22.274	22.438	0.1632
58	100	HDR UNBIAS	22.298	22.405	0.1071
59	100	HDR UNBIAS	22.337	22.395	0.0583
60	100	HDR UNBIAS	22.421	22.557	0.1362
71	0	CORRELATION	21.914	22.015	0.1004
72	0	CORRELATION	21.93	21.902	-0.0282
73	0	CORRELATION	22.184	22.133	-0.0504

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	21.914	22.009	22.184	0.15138	21.902	22.016	22.133	0.11591	-0.0504	0.0072667	0.1004	0.081416
3	21.893	22.192	22.4	0.16495	21.925	22.199	22.44	0.16518	-0.0495	0.007	0.0462	0.0304
10	21.942	22.201	22.492	0.18423	21.935	22.212	22.483	0.18551	-0.0316	0.01123	0.0476	0.026332
30	21.869	22.143	22.515	0.18751	21.881	22.18	22.52	0.19023	-0.0411	0.03738	0.0832	0.037721
50	21.944	22.14	22.416	0.14746	21.963	22.221	22.483	0.18093	0.0044	0.0808	0.1474	0.048788
100	21.97	22.23	22.421	0.16044	22.121	22.379	22.565	0.14735	0.0583	0.14868	0.2607	0.06815

Device Test: 14.29 IDD|SUPPLY CURRENT/IN/14/14/0/1000/5/1MHz//@IDD_ACT_1M_LOAD_14V





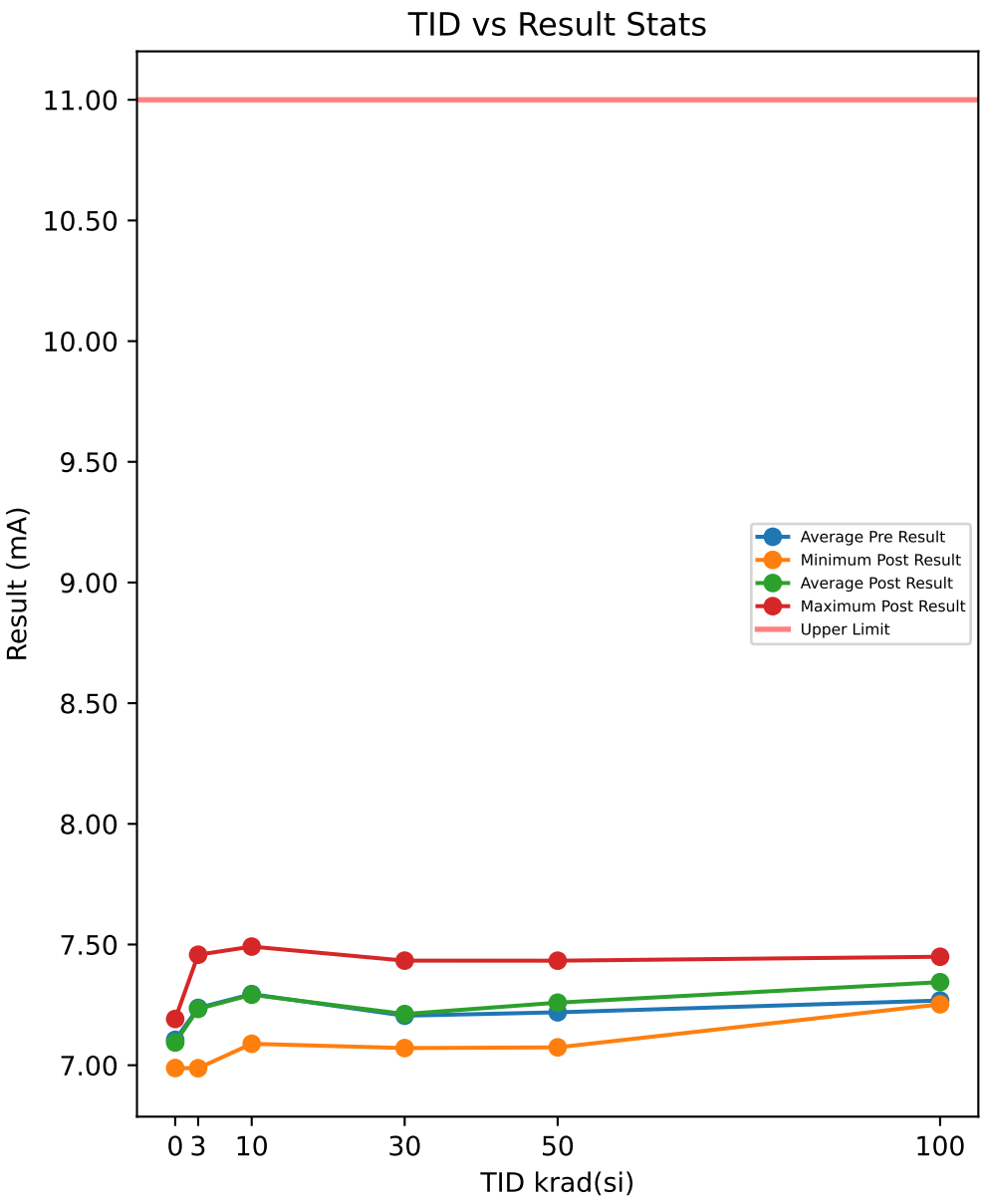
Test Results (Upper Limit = 28.0 (mA))

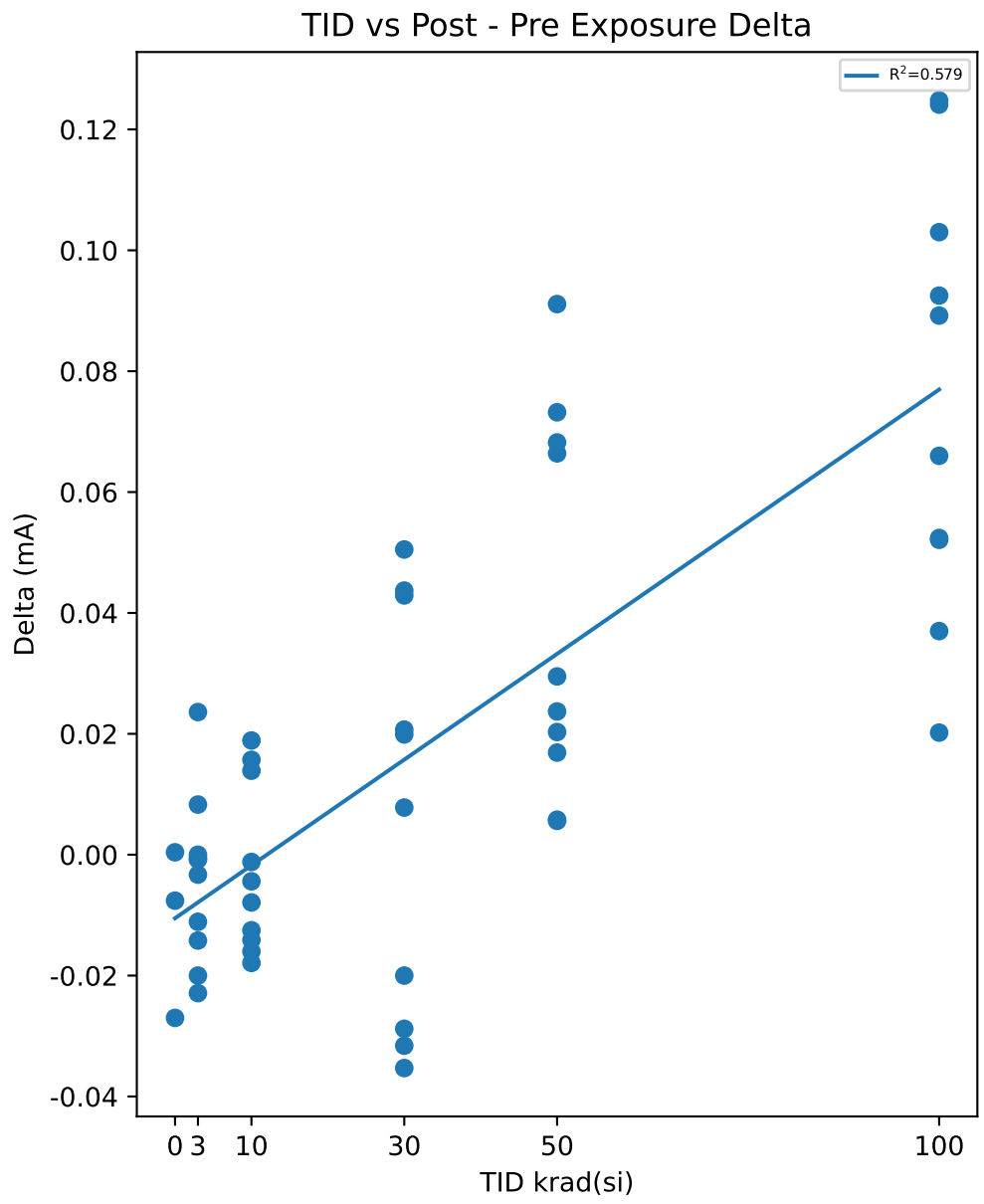
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	24.565	24.493	-0.0714
2	3	HDR BIAS	24.465	24.492	0.0267
3	3	HDR BIAS	24.486	24.49	0.0041
4	3	HDR BIAS	24.607	24.628	0.0211
5	3	HDR BIAS	24.454	24.437	-0.0176
6	3	HDR UNBIAS	24.412	24.413	0.0007
7	3	HDR UNBIAS	24.736	24.748	0.0119
8	3	HDR UNBIAS	24.761	24.795	0.0343
9	3	HDR UNBIAS	24.246	24.266	0.0205
10	3	HDR UNBIAS	24.753	24.757	0.0041
11	10	HDR BIAS	24.724	24.767	0.0425
12	10	HDR BIAS	24.437	24.495	0.0576
13	10	HDR BIAS	24.721	24.703	-0.0182
14	10	HDR BIAS	24.482	24.507	0.0258
15	10	HDR BIAS	24.269	24.258	-0.0116
16	10	HDR UNBIAS	24.375	24.347	-0.0278
17	10	HDR UNBIAS	24.363	24.394	0.0312
18	10	HDR UNBIAS	24.681	24.713	0.0323
19	10	HDR UNBIAS	24.859	24.844	-0.0154
20	10	HDR UNBIAS	24.541	24.501	-0.0396
31	30	HDR BIAS	24.362	24.435	0.0728
32	30	HDR BIAS	24.671	24.736	0.0657
33	30	HDR BIAS	24.401	24.488	0.0878
34	30	HDR BIAS	24.206	24.197	-0.0096
35	30	HDR BIAS	24.38	24.404	0.0238
36	30	HDR UNBIAS	24.647	24.711	0.0636
37	30	HDR UNBIAS	24.543	24.61	0.0675
38	30	HDR UNBIAS	24.36	24.438	0.0785
39	30	HDR UNBIAS	24.873	24.88	0.0074
40	30	HDR UNBIAS	24.433	24.382	-0.0513
41	50	HDR BIAS	24.272	24.29	0.0184
42	50	HDR BIAS	24.438	24.499	0.0614
43	50	HDR BIAS	24.37	24.457	0.0869
44	50	HDR BIAS	24.576	24.752	0.1761
45	50	HDR BIAS	24.427	24.514	0.0877
46	50	HDR UNBIAS	24.571	24.703	0.1321
47	50	HDR UNBIAS	24.442	24.501	0.0591
48	50	HDR UNBIAS	24.318	24.328	0.0095
49	50	HDR UNBIAS	24.767	24.851	0.0834
50	50	HDR UNBIAS	24.652	24.788	0.1357
51	100	HDR BIAS	24.348	24.443	0.0957
52	100	HDR BIAS	24.467	24.607	0.14
53	100	HDR BIAS	24.292	24.53	0.2374
54	100	HDR BIAS	24.699	24.933	0.2337
55	100	HDR BIAS	24.775	24.859	0.0833
56	100	HDR UNBIAS	24.451	24.739	0.2886
57	100	HDR UNBIAS	24.615	24.796	0.1806
58	100	HDR UNBIAS	24.666	24.787	0.1211
59	100	HDR UNBIAS	24.722	24.768	0.0461
60	100	HDR UNBIAS	24.786	24.933	0.1478
71	0	CORRELATION	24.255	24.347	0.0925
72	0	CORRELATION	24.283	24.24	-0.0431
73	0	CORRELATION	24.539	24.475	-0.0644

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	24.255	24.359	24.539	0.15674	24.24	24.354	24.475	0.1175	-0.0644	-0.005	0.0925	0.085106
3	24.246	24.548	24.761	0.16853	24.266	24.552	24.795	0.17333	-0.0714	0.00344	0.0343	0.030221
10	24.269	24.545	24.859	0.19273	24.258	24.553	24.844	0.19482	-0.0396	0.00768	0.0576	0.033765
30	24.206	24.487	24.873	0.19548	24.197	24.528	24.88	0.20349	-0.0513	0.04062	0.0878	0.045867
50	24.272	24.483	24.767	0.15531	24.29	24.568	24.851	0.19421	0.0095	0.08503	0.1761	0.052138
100	24.292	24.582	24.786	0.1794	24.443	24.74	24.933	0.16488	0.0461	0.15743	0.2886	0.077007

Device Test: 14.3 IDD|SUPPLY CURRENT/IN/12/12/0/0/5/100kHz//@IDD_ACT_100K_NOLOAD





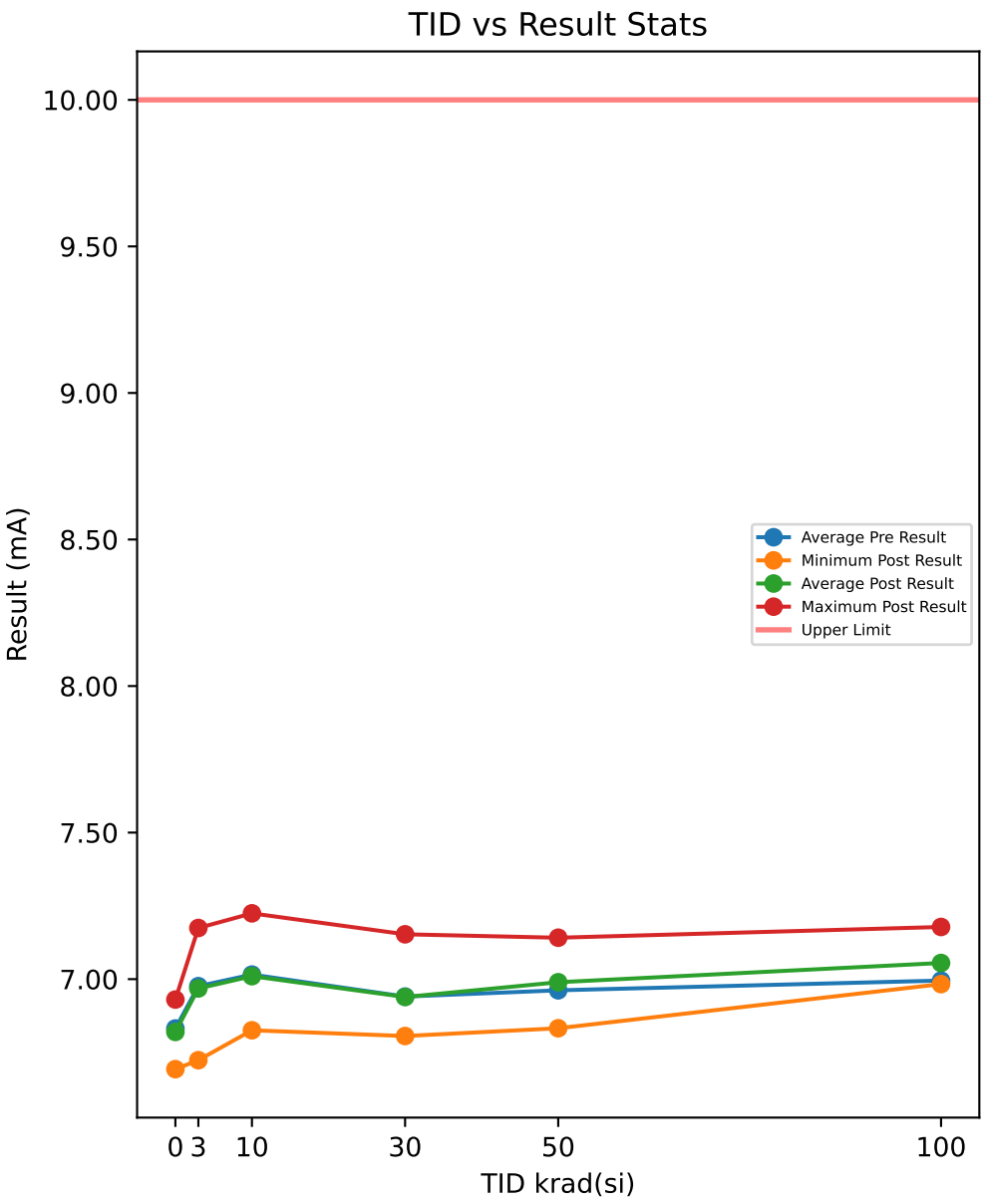
Test Results (Upper Limit = 11.0 (mA))

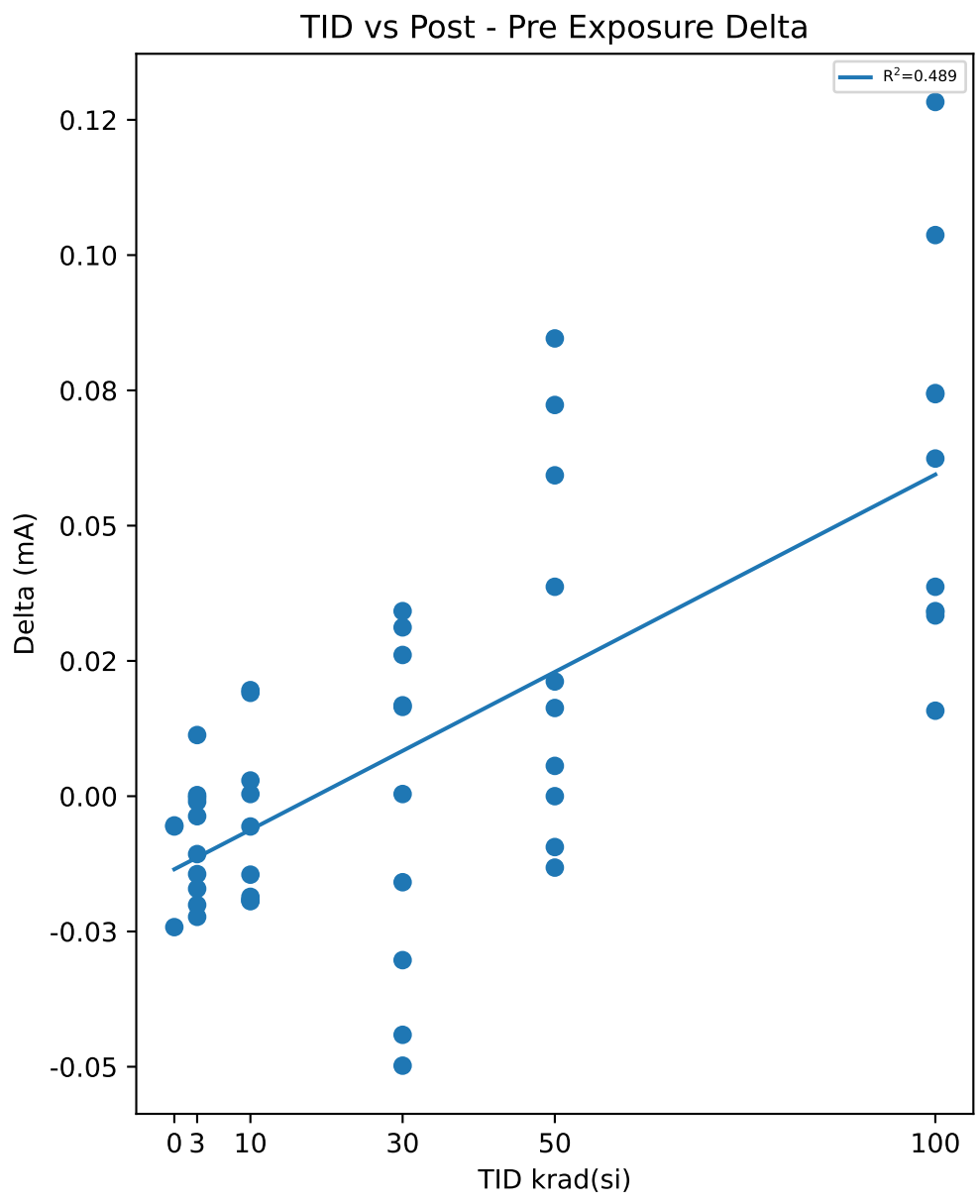
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	7.2453	7.2253	-0.02
2	3	HDR BIAS	7.1111	7.1103	-0.0008
3	3	HDR BIAS	7.265	7.2733	0.0083
4	3	HDR BIAS	7.2457	7.2457	0
5	3	HDR BIAS	7.2401	7.2259	-0.0142
6	3	HDR UNBIAS	7.179	7.1784	-0.0006
7	3	HDR UNBIAS	7.2754	7.2643	-0.0111
8	3	HDR UNBIAS	7.461	7.4577	-0.0033
9	3	HDR UNBIAS	6.9638	6.9874	0.0236
10	3	HDR UNBIAS	7.3873	7.3644	-0.0229
11	10	HDR BIAS	7.4758	7.4915	0.0157
12	10	HDR BIAS	7.2019	7.2208	0.0189
13	10	HDR BIAS	7.3183	7.3104	-0.0079
14	10	HDR BIAS	7.2745	7.2733	-0.0012
15	10	HDR BIAS	7.1013	7.0888	-0.0125
16	10	HDR UNBIAS	7.1689	7.151	-0.0179
17	10	HDR UNBIAS	7.2662	7.2618	-0.0044
18	10	HDR UNBIAS	7.3972	7.4111	0.0139
19	10	HDR UNBIAS	7.4524	7.4383	-0.0141
20	10	HDR UNBIAS	7.2898	7.2738	-0.016
31	30	HDR BIAS	7.1778	7.1425	-0.0353
32	30	HDR BIAS	7.3303	7.351	0.0207
33	30	HDR BIAS	7.1632	7.2061	0.0429
34	30	HDR BIAS	7.091	7.071	-0.02
35	30	HDR BIAS	7.1184	7.1383	0.0199
36	30	HDR UNBIAS	7.2529	7.3034	0.0505
37	30	HDR UNBIAS	7.2037	7.2115	0.0078
38	30	HDR UNBIAS	7.1475	7.1912	0.0437
39	30	HDR UNBIAS	7.4649	7.4333	-0.0316
40	30	HDR UNBIAS	7.1016	7.0728	-0.0288
41	50	HDR BIAS	7.0682	7.074	0.0058
42	50	HDR BIAS	7.1814	7.187	0.0056
43	50	HDR BIAS	7.1347	7.155	0.0203
44	50	HDR BIAS	7.3192	7.3874	0.0682
45	50	HDR BIAS	7.2664	7.2959	0.0295
46	50	HDR UNBIAS	7.2223	7.2955	0.0732
47	50	HDR UNBIAS	7.2025	7.2194	0.0169
48	50	HDR UNBIAS	7.1297	7.1961	0.0664
49	50	HDR UNBIAS	7.4094	7.4331	0.0237
50	50	HDR UNBIAS	7.2575	7.3486	0.0911
51	100	HDR BIAS	7.1999	7.2523	0.0524
52	100	HDR BIAS	7.2411	7.3303	0.0892
53	100	HDR BIAS	7.1902	7.2827	0.0925
54	100	HDR BIAS	7.3253	7.4494	0.1241
55	100	HDR BIAS	7.3488	7.369	0.0202
56	100	HDR UNBIAS	7.1686	7.2934	0.1248
57	100	HDR UNBIAS	7.3614	7.4274	0.066
58	100	HDR UNBIAS	7.2529	7.305	0.0521
59	100	HDR UNBIAS	7.2586	7.2956	0.037
60	100	HDR UNBIAS	7.3334	7.4364	0.103
71	0	CORRELATION	7.1288	7.1018	-0.027
72	0	CORRELATION	6.9958	6.9882	-0.0076
73	0	CORRELATION	7.1912	7.1916	0.0004

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	6.9958	7.1053	7.1912	0.099803	6.9882	7.0939	7.1916	0.10193	-0.027	-0.0114	0.0004	0.01409
3	6.9638	7.2374	7.461	0.13704	6.9874	7.2333	7.4577	0.12866	-0.0229	-0.0041	0.0236	0.01382
10	7.1013	7.2946	7.4758	0.12102	7.0888	7.2921	7.4915	0.1263	-0.0179	-0.00255	0.0189	0.013931
30	7.091	7.2051	7.4649	0.11668	7.071	7.2121	7.4333	0.11862	-0.0353	0.00698	0.0505	0.03362
50	7.0682	7.2191	7.4094	0.099744	7.074	7.2592	7.4331	0.11218	0.0056	0.04007	0.0911	0.031369
100	7.1686	7.268	7.3614	0.070256	7.2523	7.3442	7.4494	0.071496	0.0202	0.07613	0.1248	0.036107

Device Test: 14.30 IDD|SUPPLY CURRENT/IN/5/12/0/1000/5/100kHz//@IDD_ACT_100K_LOAD_LDO





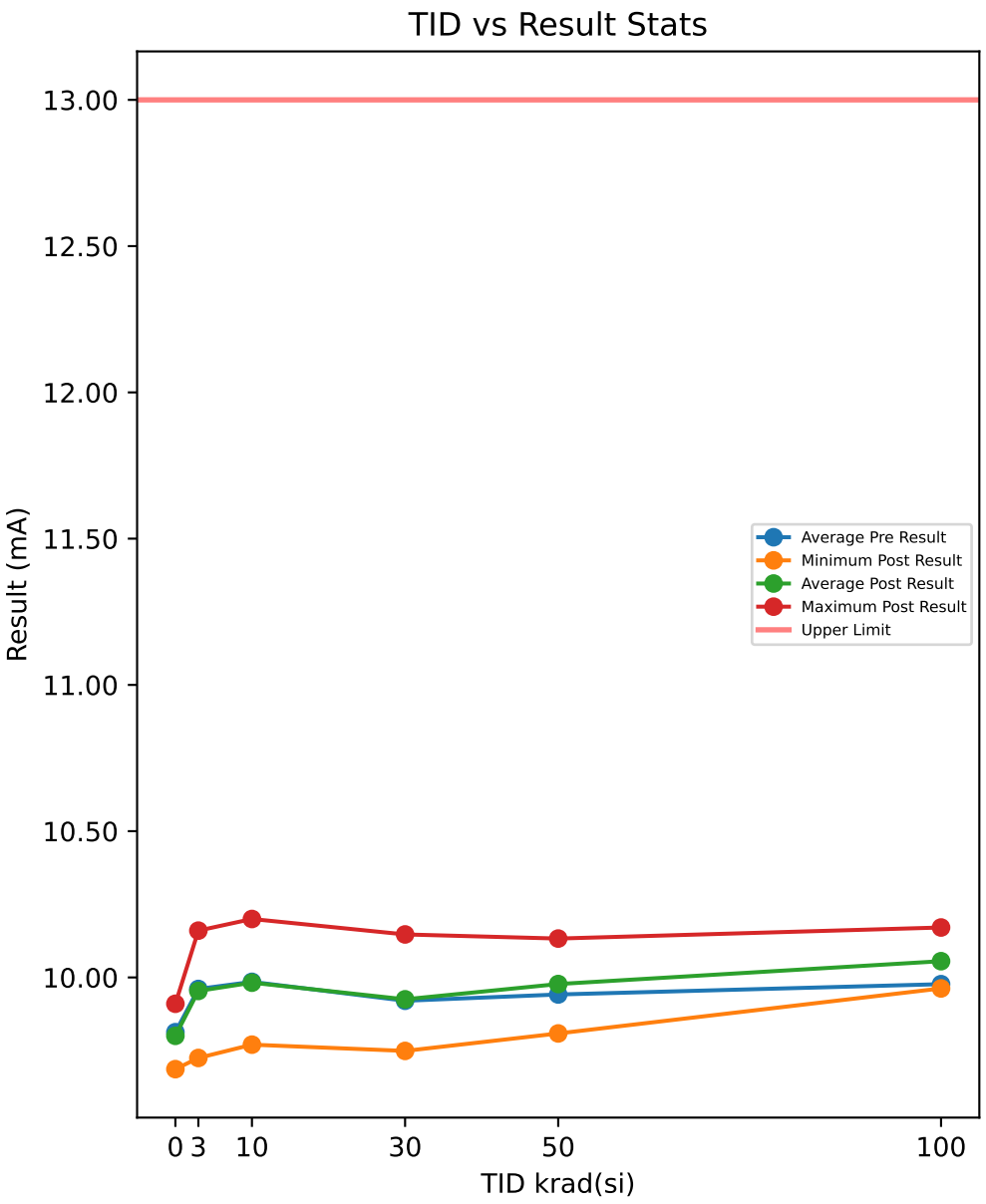
Test Results (Upper Limit = 10.0 (mA))

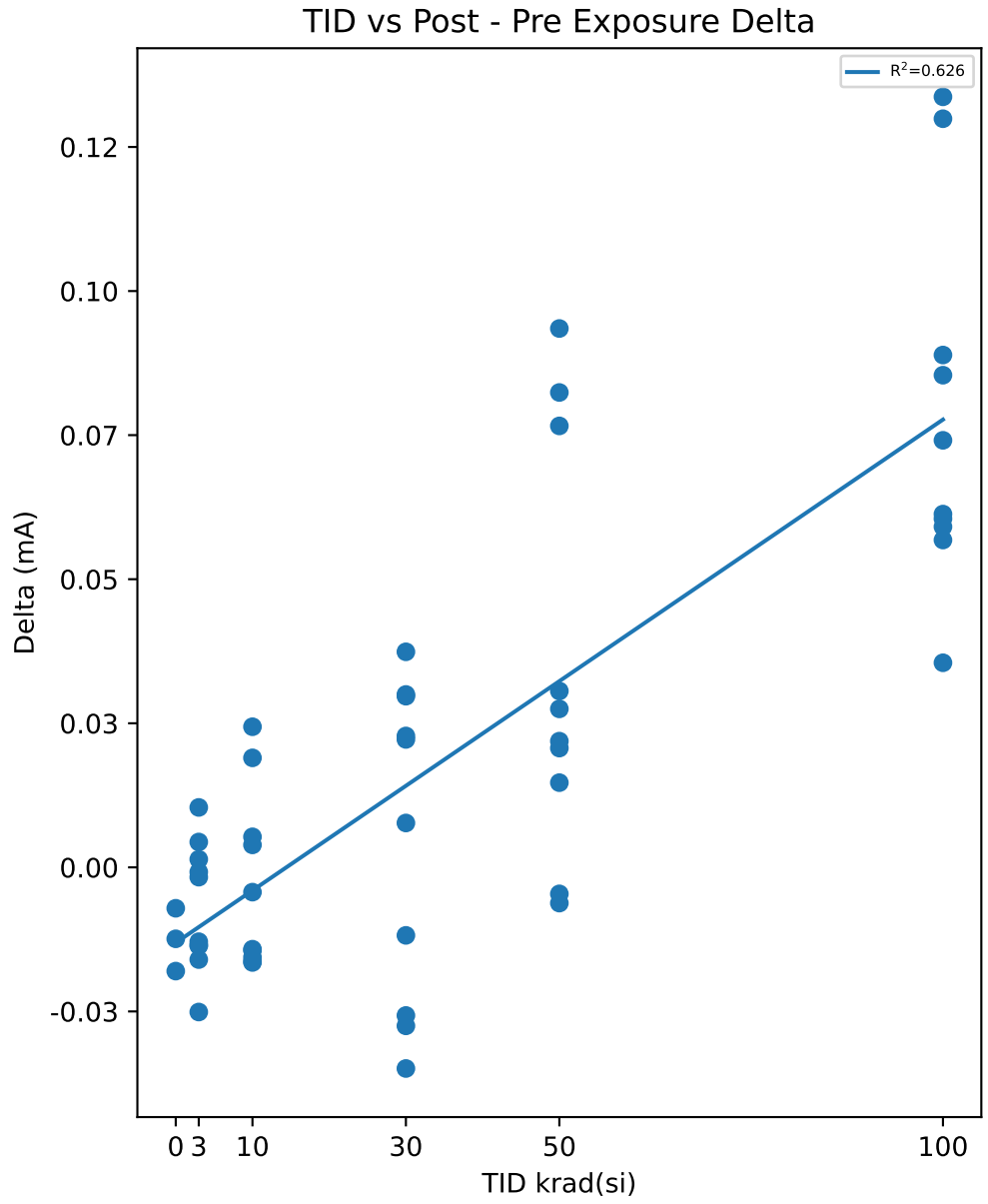
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.9647	6.9446	-0.0201
2	3	HDR BIAS	6.833	6.832	-0.001
3	3	HDR BIAS	6.9768	6.9765	-0.0003
4	3	HDR BIAS	7.029	7.0292	0.0002
5	3	HDR BIAS	6.9856	6.9685	-0.0171
6	3	HDR UNBIAS	6.9451	6.9344	-0.0107
7	3	HDR UNBIAS	7.0133	6.9989	-0.0144
8	3	HDR UNBIAS	7.1782	7.1745	-0.0037
9	3	HDR UNBIAS	6.7121	6.7234	0.0113
10	3	HDR UNBIAS	7.1222	7.0999	-0.0223
11	10	HDR BIAS	7.2054	7.2245	0.0191
12	10	HDR BIAS	6.8944	6.914	0.0196
13	10	HDR BIAS	7.061	7.0554	-0.0056
14	10	HDR BIAS	6.9946	6.995	0.0004
15	10	HDR BIAS	6.8446	6.8255	-0.0191
16	10	HDR UNBIAS	6.8701	6.8515	-0.0186
17	10	HDR UNBIAS	6.9889	6.9744	-0.0145
18	10	HDR UNBIAS	7.1111	7.114	0.0029
19	10	HDR UNBIAS	7.1846	7.1652	-0.0194
20	10	HDR UNBIAS	7.0003	6.981	-0.0193
31	30	HDR BIAS	6.907	6.8629	-0.0441
32	30	HDR BIAS	7.0831	7.0996	0.0165
33	30	HDR BIAS	6.8712	6.9024	0.0312
34	30	HDR BIAS	6.8218	6.8059	-0.0159
35	30	HDR BIAS	6.8702	6.887	0.0168
36	30	HDR UNBIAS	6.989	7.0232	0.0342
37	30	HDR UNBIAS	6.9516	6.952	0.0004
38	30	HDR UNBIAS	6.8718	6.8979	0.0261
39	30	HDR UNBIAS	7.2028	7.153	-0.0498
40	30	HDR UNBIAS	6.8366	6.8063	-0.0303
41	50	HDR BIAS	6.8456	6.8324	-0.0132
42	50	HDR BIAS	6.9438	6.9344	-0.0094
43	50	HDR BIAS	6.8871	6.9083	0.0212
44	50	HDR BIAS	7.0462	7.1185	0.0723
45	50	HDR BIAS	6.9879	6.9935	0.0056
46	50	HDR UNBIAS	6.9731	7.0324	0.0593
47	50	HDR UNBIAS	6.9447	6.9447	0
48	50	HDR UNBIAS	6.8696	6.9083	0.0387
49	50	HDR UNBIAS	7.125	7.1413	0.0163
50	50	HDR UNBIAS	6.9956	7.0802	0.0846
51	100	HDR BIAS	6.9645	7.0032	0.0387
52	100	HDR BIAS	6.9793	7.0536	0.0743
53	100	HDR BIAS	6.9206	6.983	0.0624
54	100	HDR BIAS	7.0497	7.178	0.1283
55	100	HDR BIAS	7.0784	7.1118	0.0334
56	100	HDR UNBIAS	6.9081	7.0118	0.1037
57	100	HDR UNBIAS	7.0789	7.1131	0.0342
58	100	HDR UNBIAS	6.9683	6.9841	0.0158
59	100	HDR UNBIAS	6.9567	6.9908	0.0341
60	100	HDR UNBIAS	7.0469	7.1214	0.0745
71	0	CORRELATION	6.8604	6.8362	-0.0242
72	0	CORRELATION	6.6983	6.6929	-0.0054
73	0	CORRELATION	6.9359	6.9303	-0.0056

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	6.6983	6.8315	6.9359	0.1214	6.6929	6.8198	6.9303	0.11955	-0.0242	-0.011733	-0.0054	0.010797
3	6.7121	6.976	7.1782	0.13238	6.7234	6.9682	7.1745	0.12685	-0.0223	-0.00781	0.0113	0.010792
10	6.8446	7.0155	7.2054	0.12572	6.8255	7.01	7.2245	0.13068	-0.0194	-0.00545	0.0196	0.015498
30	6.8218	6.9405	7.2028	0.12114	6.8059	6.939	7.153	0.11818	-0.0498	-0.00149	0.0342	0.031539
50	6.8456	6.9619	7.125	0.084267	6.8324	6.9894	7.1413	0.10148	-0.0132	0.02754	0.0846	0.034678
100	6.9081	6.9951	7.0789	0.063354	6.983	7.0551	7.178	0.070729	0.0158	0.05994	0.1283	0.035663

Device Test: 14.31 IDD|SUPPLY CURRENT/IN/5/12/0/1000/5/500kHz//@IDD_ACT_500K_LOAD_LDO





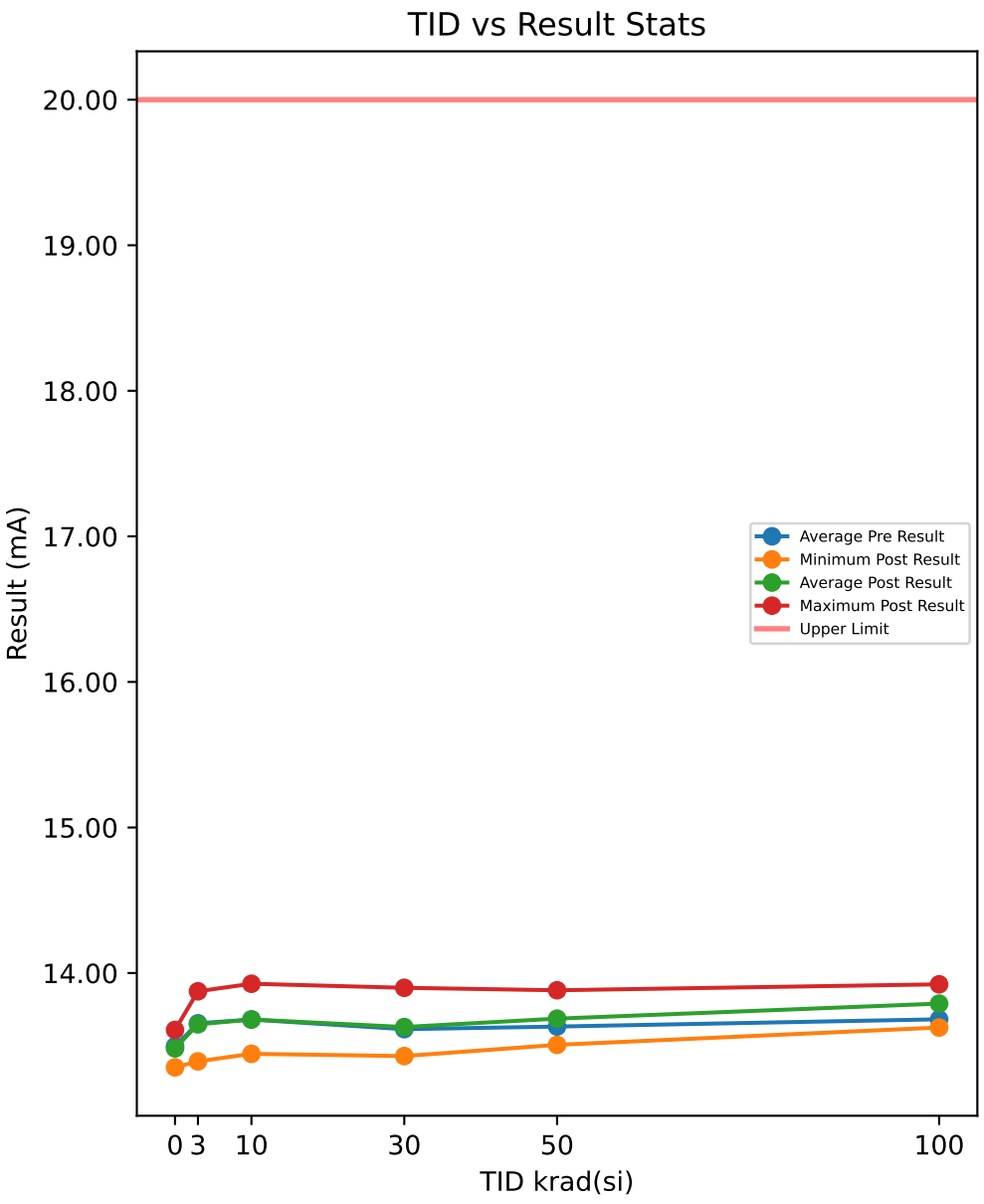
Test Results (Upper Limit = 13.0 (mA))

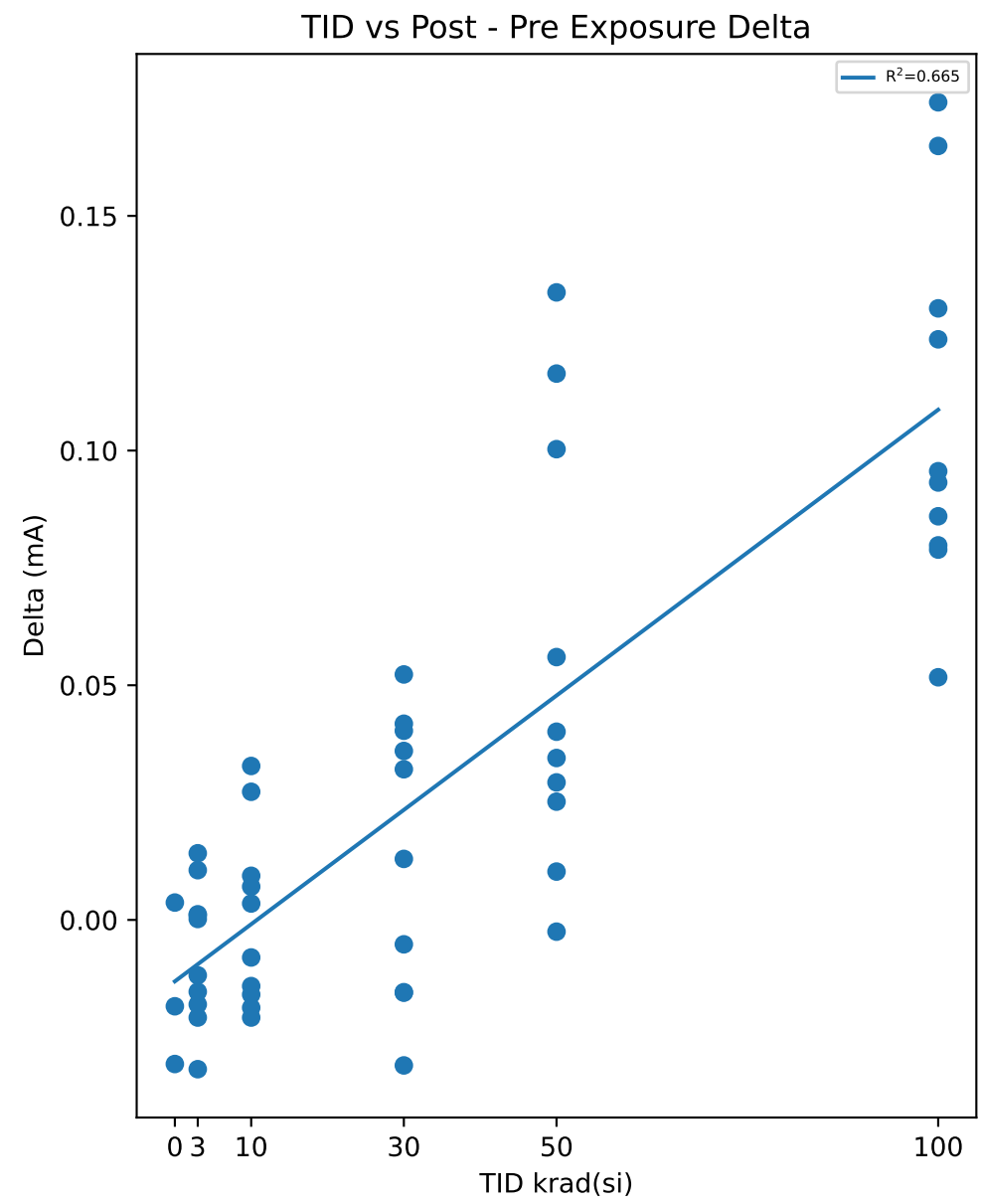
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	9.9472	9.9312	-0.016
2	3	HDR BIAS	9.826	9.8274	0.0014
3	3	HDR BIAS	9.9424	9.9407	-0.0017
4	3	HDR BIAS	10.015	10.015	-0.0008
5	3	HDR BIAS	9.9658	9.9529	-0.0129
6	3	HDR UNBIAS	9.9232	9.9097	-0.0135
7	3	HDR UNBIAS	10.012	9.9989	-0.0136
8	3	HDR UNBIAS	10.156	10.16	0.0044
9	3	HDR UNBIAS	9.7143	9.7247	0.0104
10	3	HDR UNBIAS	10.103	10.078	-0.0251
11	10	HDR BIAS	10.175	10.2	0.0244
12	10	HDR BIAS	9.8706	9.8896	0.019
13	10	HDR BIAS	10.047	10.043	-0.0043
14	10	HDR BIAS	9.9646	9.9699	0.0053
15	10	HDR BIAS	9.7867	9.7702	-0.0165
16	10	HDR UNBIAS	9.8392	9.8236	-0.0156
17	10	HDR UNBIAS	9.9404	9.9262	-0.0142
18	10	HDR UNBIAS	10.085	10.089	0.0039
19	10	HDR UNBIAS	10.155	10.139	-0.0163
20	10	HDR UNBIAS	9.985	9.9706	-0.0144
31	30	HDR BIAS	9.8662	9.8387	-0.0275
32	30	HDR BIAS	10.096	10.118	0.0228
33	30	HDR BIAS	9.8229	9.8529	0.03
34	30	HDR BIAS	9.7606	9.7488	-0.0118
35	30	HDR BIAS	9.8595	9.8817	0.0222
36	30	HDR UNBIAS	9.9811	10.018	0.0374
37	30	HDR UNBIAS	9.951	9.9587	0.0077
38	30	HDR UNBIAS	9.8517	9.8814	0.0297
39	30	HDR UNBIAS	10.182	10.147	-0.0349
40	30	HDR UNBIAS	9.832	9.8063	-0.0257
41	50	HDR BIAS	9.8131	9.8085	-0.0046
42	50	HDR BIAS	9.935	9.9288	-0.0062
43	50	HDR BIAS	9.8542	9.8848	0.0306
44	50	HDR BIAS	10.034	10.117	0.0824
45	50	HDR BIAS	9.939	9.9597	0.0207
46	50	HDR UNBIAS	9.9763	10.053	0.0766
47	50	HDR UNBIAS	9.9099	9.9246	0.0147
48	50	HDR UNBIAS	9.8509	9.8784	0.0275
49	50	HDR UNBIAS	10.111	10.133	0.0219
50	50	HDR UNBIAS	9.9936	10.087	0.0935
51	100	HDR BIAS	9.9245	9.9813	0.0568
52	100	HDR BIAS	9.9427	10.028	0.0854
53	100	HDR BIAS	9.8883	9.9624	0.0741
54	100	HDR BIAS	10.037	10.171	0.1337
55	100	HDR BIAS	10.081	10.141	0.0605
56	100	HDR UNBIAS	9.8999	10.03	0.1299
57	100	HDR UNBIAS	10.021	10.082	0.0613
58	100	HDR UNBIAS	9.9431	9.9786	0.0355
59	100	HDR UNBIAS	9.9665	10.026	0.0591
60	100	HDR UNBIAS	10.067	10.156	0.0889
71	0	CORRELATION	9.817	9.8046	-0.0124
72	0	CORRELATION	9.6936	9.6865	-0.0071
73	0	CORRELATION	9.928	9.91	-0.018

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	9.6936	9.8129	9.928	0.11725	9.6865	9.8004	9.91	0.11181	-0.018	-0.0125	-0.0071	0.0054507
3	9.7143	9.9606	10.156	0.12686	9.7247	9.9538	10.16	0.1224	-0.0251	-0.00674	0.0104	0.011047
10	9.7867	9.9849	10.175	0.13133	9.7702	9.9821	10.2	0.13708	-0.0165	-0.00287	0.0244	0.01537
30	9.7606	9.9203	10.182	0.13248	9.7488	9.9253	10.147	0.13257	-0.0349	0.00499	0.0374	0.027442
50	9.8131	9.9417	10.111	0.091051	9.8085	9.9774	10.133	0.11238	-0.0062	0.03571	0.0935	0.035783
100	9.8883	9.977	10.081	0.06939	9.9624	10.056	10.171	0.077285	0.0355	0.07852	0.1337	0.031938

Device Test: 14.32 IDD|SUPPLY CURRENT/IN/5/12/0/1000/5/1MHz//@IDD_ACT_1M_LOAD_LDO





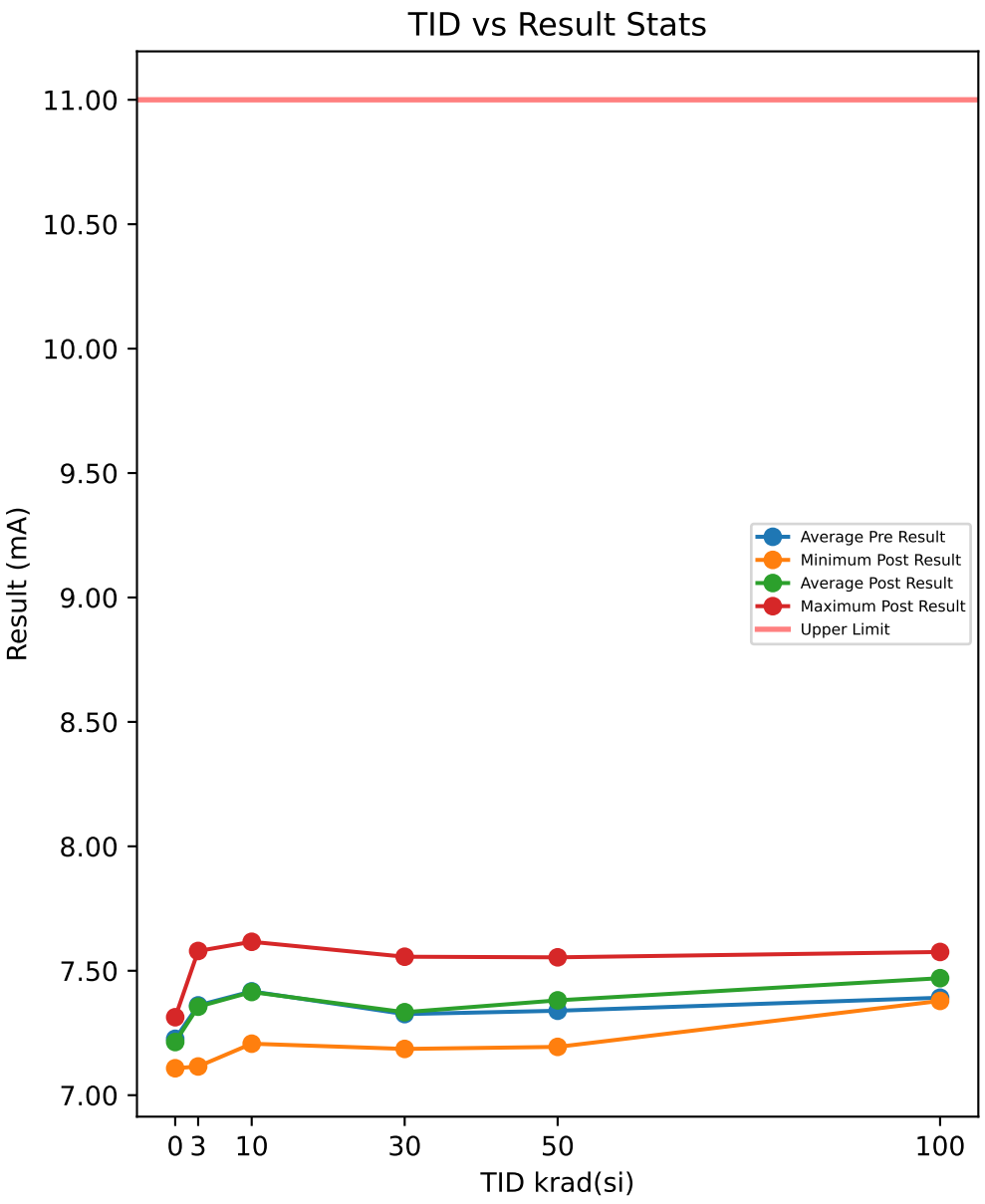
Test Results (Upper Limit = 20.0 (mA))

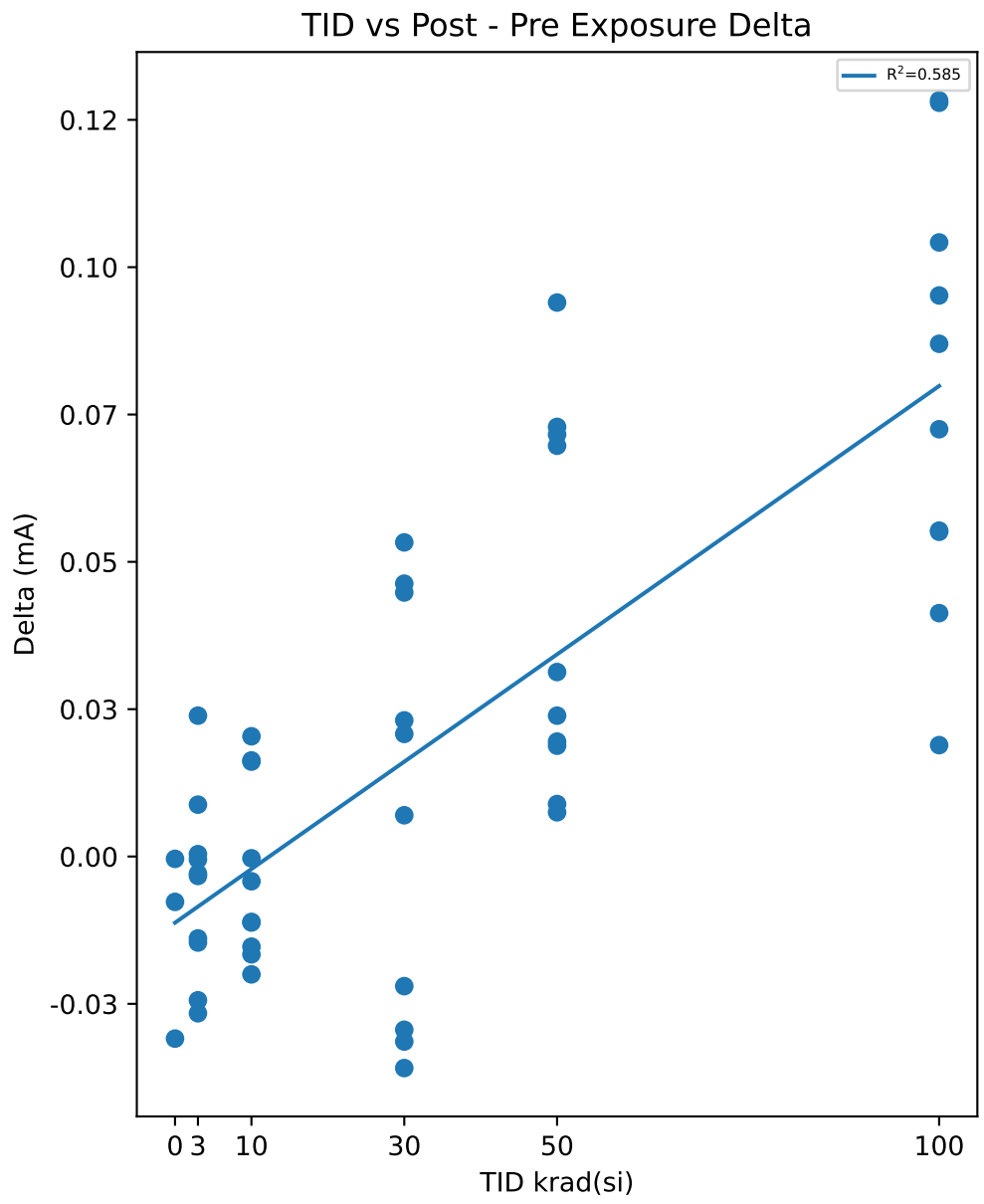
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	13.629	13.608	-0.0208
2	3	HDR BIAS	13.51	13.511	0.001
3	3	HDR BIAS	13.62	13.621	0.0012
4	3	HDR BIAS	13.738	13.738	0.0002
5	3	HDR BIAS	13.648	13.633	-0.0153
6	3	HDR UNBIAS	13.595	13.583	-0.0118
7	3	HDR UNBIAS	13.748	13.729	-0.018
8	3	HDR UNBIAS	13.864	13.874	0.0106
9	3	HDR UNBIAS	13.379	13.393	0.0142
10	3	HDR UNBIAS	13.815	13.783	-0.0318
11	10	HDR BIAS	13.894	13.926	0.0328
12	10	HDR BIAS	13.539	13.566	0.0273
13	10	HDR BIAS	13.793	13.796	0.0035
14	10	HDR BIAS	13.636	13.643	0.0071
15	10	HDR BIAS	13.466	13.445	-0.0208
16	10	HDR UNBIAS	13.506	13.49	-0.0159
17	10	HDR UNBIAS	13.613	13.595	-0.0187
18	10	HDR UNBIAS	13.796	13.805	0.0094
19	10	HDR UNBIAS	13.892	13.884	-0.008
20	10	HDR UNBIAS	13.674	13.66	-0.0141
31	30	HDR BIAS	13.537	13.521	-0.0154
32	30	HDR BIAS	13.799	13.835	0.036
33	30	HDR BIAS	13.515	13.557	0.0418
34	30	HDR BIAS	13.435	13.43	-0.0052
35	30	HDR BIAS	13.525	13.557	0.0321
36	30	HDR UNBIAS	13.681	13.733	0.0523
37	30	HDR UNBIAS	13.676	13.689	0.013
38	30	HDR UNBIAS	13.532	13.572	0.0403
39	30	HDR UNBIAS	13.93	13.899	-0.031
40	30	HDR UNBIAS	13.515	13.499	-0.0155
41	50	HDR BIAS	13.509	13.507	-0.0025
42	50	HDR BIAS	13.598	13.608	0.0103
43	50	HDR BIAS	13.529	13.585	0.056
44	50	HDR BIAS	13.716	13.832	0.1164
45	50	HDR BIAS	13.615	13.655	0.0401
46	50	HDR UNBIAS	13.667	13.767	0.1003
47	50	HDR UNBIAS	13.623	13.648	0.0252
48	50	HDR UNBIAS	13.506	13.535	0.0293
49	50	HDR UNBIAS	13.847	13.882	0.0345
50	50	HDR UNBIAS	13.715	13.848	0.1337
51	100	HDR BIAS	13.637	13.717	0.0798
52	100	HDR BIAS	13.624	13.748	0.1237
53	100	HDR BIAS	13.53	13.626	0.0956
54	100	HDR BIAS	13.758	13.922	0.1649
55	100	HDR BIAS	13.809	13.895	0.086
56	100	HDR UNBIAS	13.571	13.745	0.1742
57	100	HDR UNBIAS	13.727	13.806	0.0789
58	100	HDR UNBIAS	13.675	13.727	0.0517
59	100	HDR UNBIAS	13.699	13.792	0.0932
60	100	HDR UNBIAS	13.792	13.922	0.1303
71	0	CORRELATION	13.482	13.485	0.0037
72	0	CORRELATION	13.37	13.352	-0.0184
73	0	CORRELATION	13.64	13.609	-0.0307

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	13.37	13.497	13.64	0.13548	13.352	13.482	13.609	0.12868	-0.0307	-0.015133	0.0037	0.017431
3	13.379	13.654	13.864	0.14431	13.393	13.647	13.874	0.13935	-0.0318	-0.00705	0.0142	0.01476
10	13.466	13.681	13.894	0.15601	13.445	13.681	13.926	0.16488	-0.0208	0.00026	0.0328	0.01906
30	13.435	13.614	13.93	0.15436	13.43	13.629	13.899	0.15321	-0.031	0.01484	0.0523	0.029562
50	13.506	13.632	13.847	0.10771	13.507	13.687	13.882	0.13582	-0.0025	0.05433	0.1337	0.046556
100	13.53	13.682	13.809	0.092444	13.626	13.79	13.922	0.097952	0.0517	0.10783	0.1742	0.039486

Device Test: 14.4 IDD|SUPPLY CURRENT/IN/14/14/0/0/5/100kHz//@IDD_ACT_100K_NOLOAD





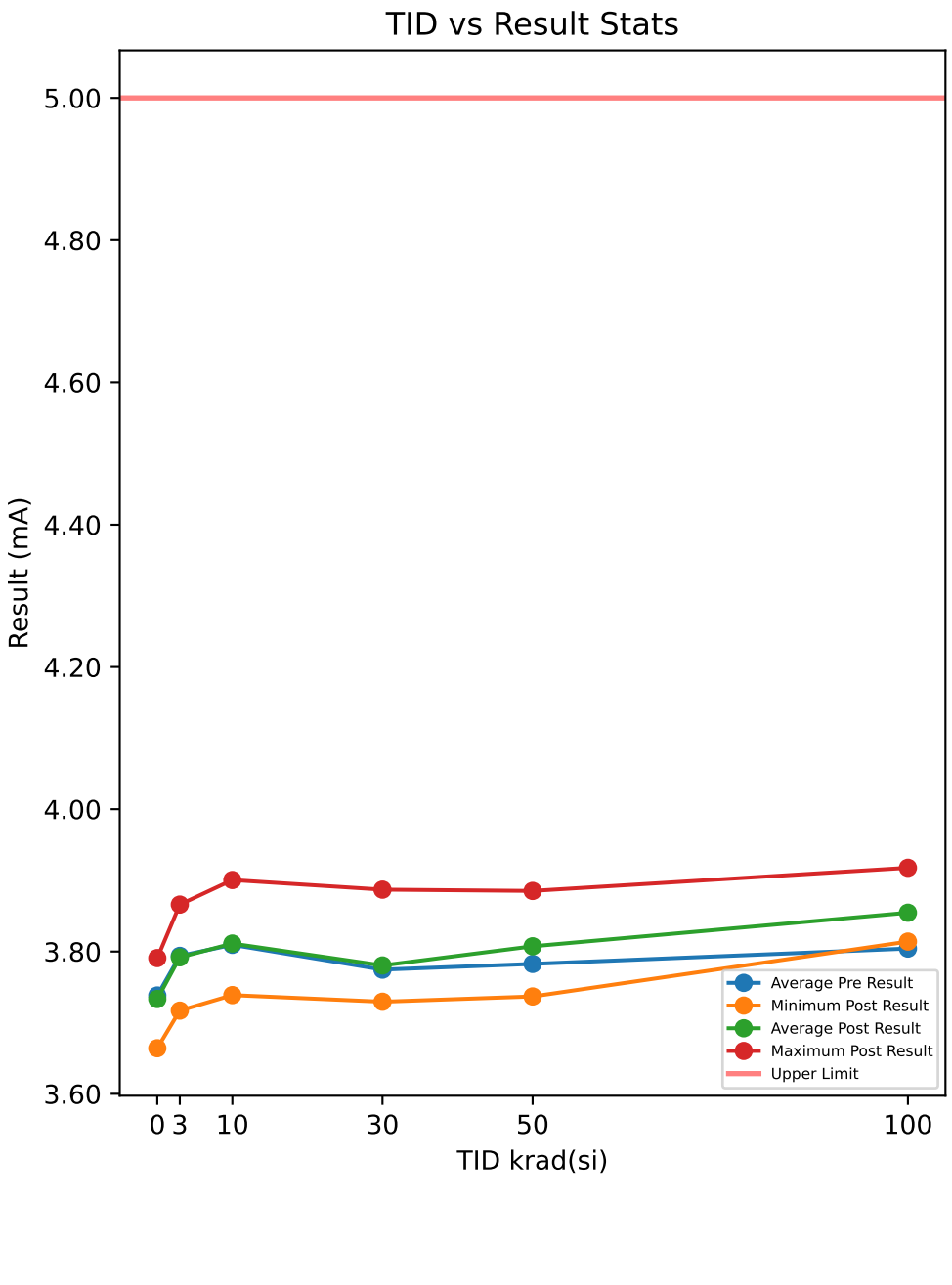
Test Results (Upper Limit = 11.0 (mA))

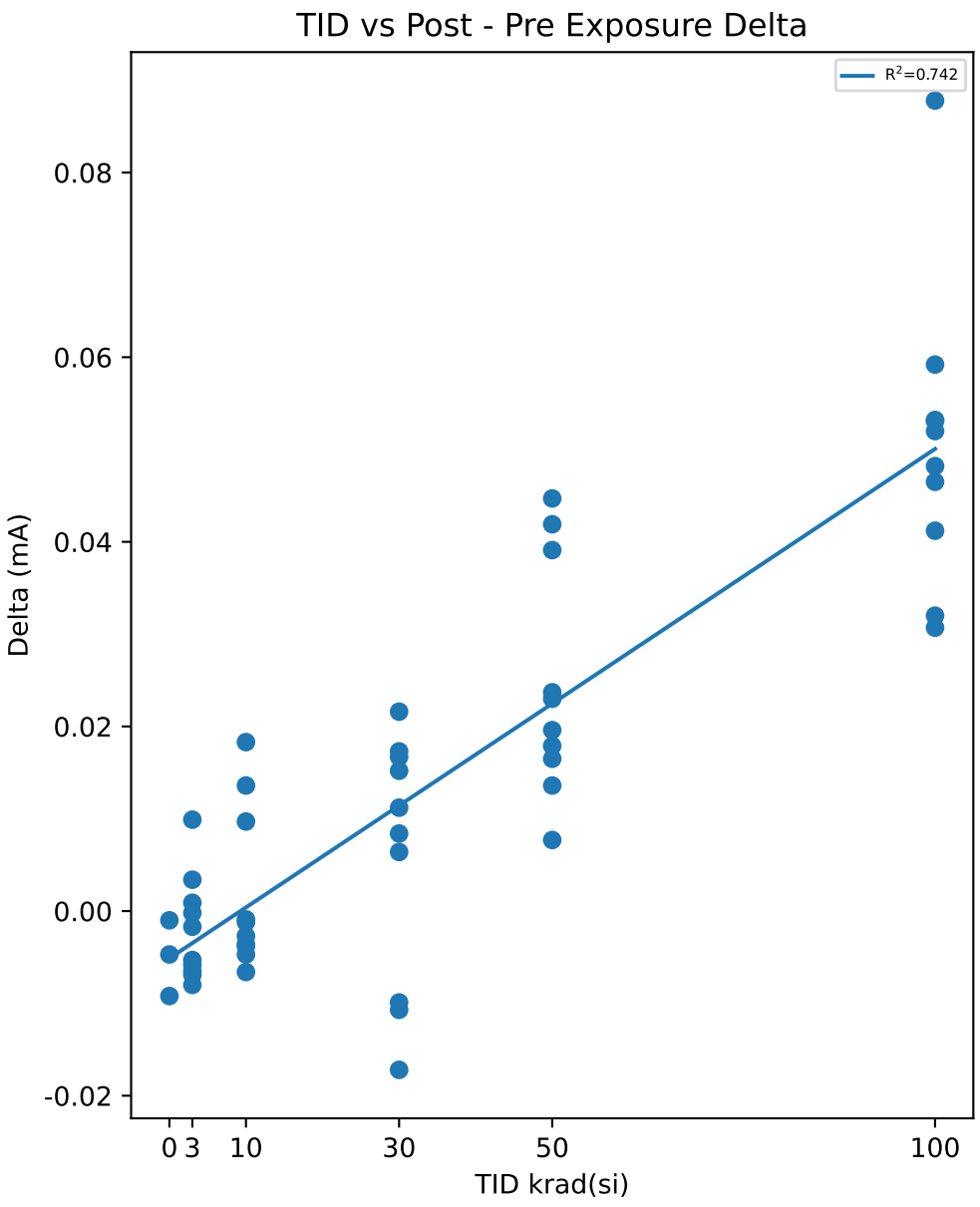
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	7.3706	7.3462	-0.0244
2	3	HDR BIAS	7.2443	7.2438	-0.0005
3	3	HDR BIAS	7.3881	7.3969	0.0088
4	3	HDR BIAS	7.3677	7.3648	-0.0029
5	3	HDR BIAS	7.357	7.3431	-0.0139
6	3	HDR UNBIAS	7.299	7.2994	0.0004
7	3	HDR UNBIAS	7.3963	7.3817	-0.0146
8	3	HDR UNBIAS	7.5828	7.5795	-0.0033
9	3	HDR UNBIAS	7.0914	7.1153	0.0239
10	3	HDR UNBIAS	7.5118	7.4852	-0.0266
11	10	HDR BIAS	7.6001	7.6164	0.0163
12	10	HDR BIAS	7.3227	7.3431	0.0204
13	10	HDR BIAS	7.4396	7.4284	-0.0112
14	10	HDR BIAS	7.4034	7.4031	-0.0003
15	10	HDR BIAS	7.218	7.2069	-0.0111
16	10	HDR UNBIAS	7.2912	7.2712	-0.02
17	10	HDR UNBIAS	7.3887	7.3845	-0.0042
18	10	HDR UNBIAS	7.5155	7.5316	0.0161
19	10	HDR UNBIAS	7.5799	7.5633	-0.0166
20	10	HDR UNBIAS	7.4131	7.3978	-0.0153
31	30	HDR BIAS	7.303	7.2671	-0.0359
32	30	HDR BIAS	7.4518	7.4749	0.0231
33	30	HDR BIAS	7.2805	7.3253	0.0448
34	30	HDR BIAS	7.2079	7.1859	-0.022
35	30	HDR BIAS	7.2367	7.2575	0.0208
36	30	HDR UNBIAS	7.374	7.4273	0.0533
37	30	HDR UNBIAS	7.3228	7.3298	0.007
38	30	HDR UNBIAS	7.2738	7.3201	0.0463
39	30	HDR UNBIAS	7.5858	7.5564	-0.0294
40	30	HDR UNBIAS	7.2221	7.1907	-0.0314
41	50	HDR BIAS	7.1852	7.1941	0.0089
42	50	HDR BIAS	7.2986	7.3061	0.0075
43	50	HDR BIAS	7.2529	7.2717	0.0188
44	50	HDR BIAS	7.439	7.5106	0.0716
45	50	HDR BIAS	7.3845	7.4158	0.0313
46	50	HDR UNBIAS	7.3472	7.4201	0.0729
47	50	HDR UNBIAS	7.3239	7.3434	0.0195
48	50	HDR UNBIAS	7.2539	7.3236	0.0697
49	50	HDR UNBIAS	7.5301	7.554	0.0239
50	50	HDR UNBIAS	7.3774	7.4714	0.094
51	100	HDR BIAS	7.3235	7.3788	0.0553
52	100	HDR BIAS	7.3594	7.4464	0.087
53	100	HDR BIAS	7.3137	7.4089	0.0952
54	100	HDR BIAS	7.4476	7.5755	0.1279
55	100	HDR BIAS	7.473	7.4919	0.0189
56	100	HDR UNBIAS	7.2862	7.4145	0.1283
57	100	HDR UNBIAS	7.4839	7.5564	0.0725
58	100	HDR UNBIAS	7.3829	7.438	0.0551
59	100	HDR UNBIAS	7.3827	7.424	0.0413
60	100	HDR UNBIAS	7.4632	7.5674	0.1042
71	0	CORRELATION	7.25	7.2191	-0.0309
72	0	CORRELATION	7.1159	7.1082	-0.0077
73	0	CORRELATION	7.3137	7.3133	-0.0004

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	7.1159	7.2265	7.3137	0.10097	7.1082	7.2135	7.3133	0.10266	-0.0309	-0.013	-0.0004	0.015926
3	7.0914	7.3609	7.5828	0.13508	7.1153	7.3556	7.5795	0.12607	-0.0266	-0.00531	0.0239	0.01526
10	7.218	7.4172	7.6001	0.12274	7.2069	7.4146	7.6164	0.12774	-0.02	-0.00259	0.0204	0.015092
30	7.2079	7.3258	7.5858	0.11723	7.1859	7.3335	7.5564	0.12069	-0.0359	0.00766	0.0533	0.035029
50	7.1852	7.3393	7.5301	0.10017	7.1941	7.3811	7.554	0.11296	0.0075	0.04181	0.094	0.031753
100	7.2862	7.3916	7.4839	0.071814	7.3788	7.4702	7.5755	0.072563	0.0189	0.07857	0.1283	0.036499

Device Test: 14.5 ISTART|STARTUP CURRENT/IN/3.5/3.5/0/0/4.5/500kHz//@I_START





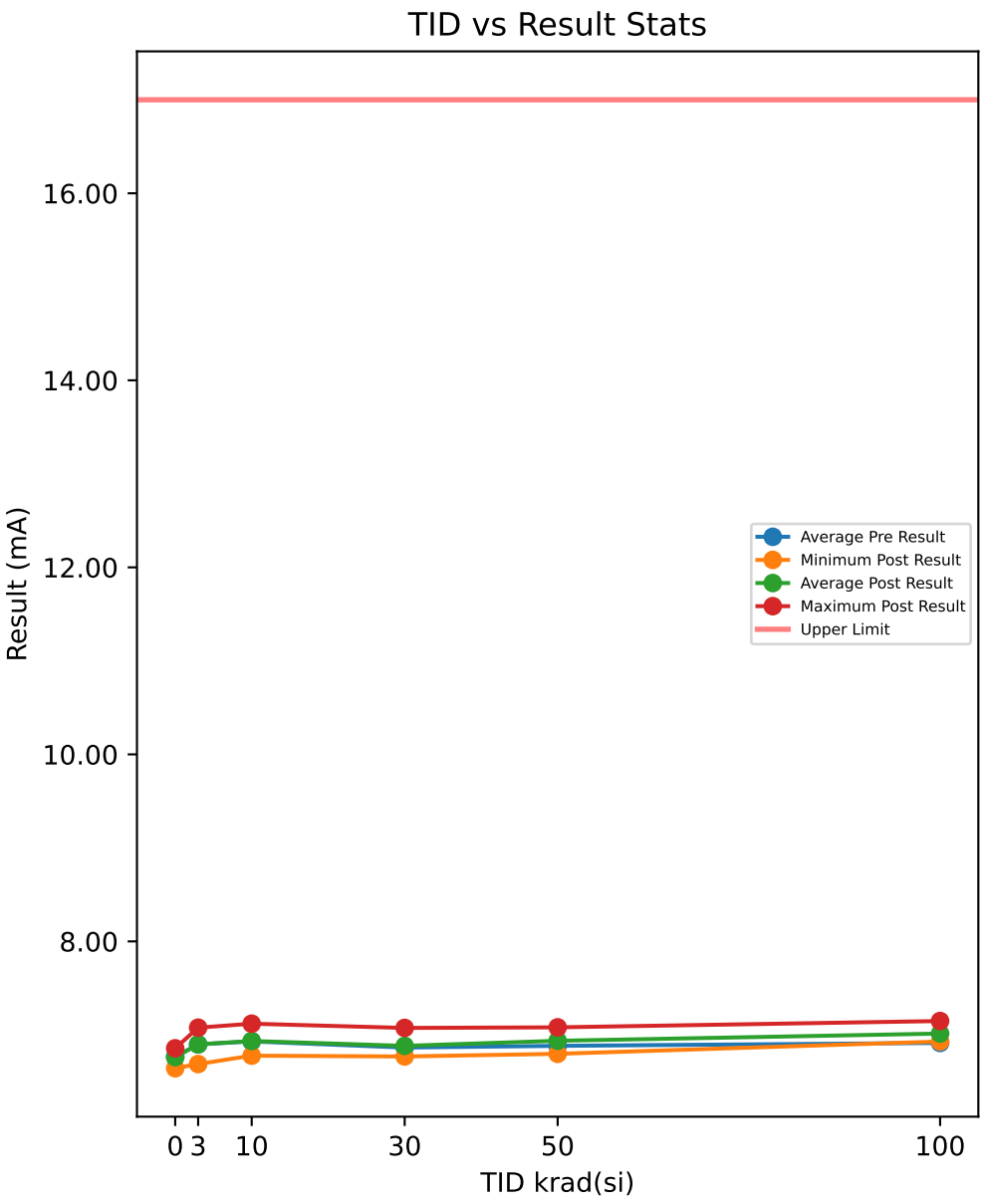
Test Results (Upper Limit = 5.0 (mA))

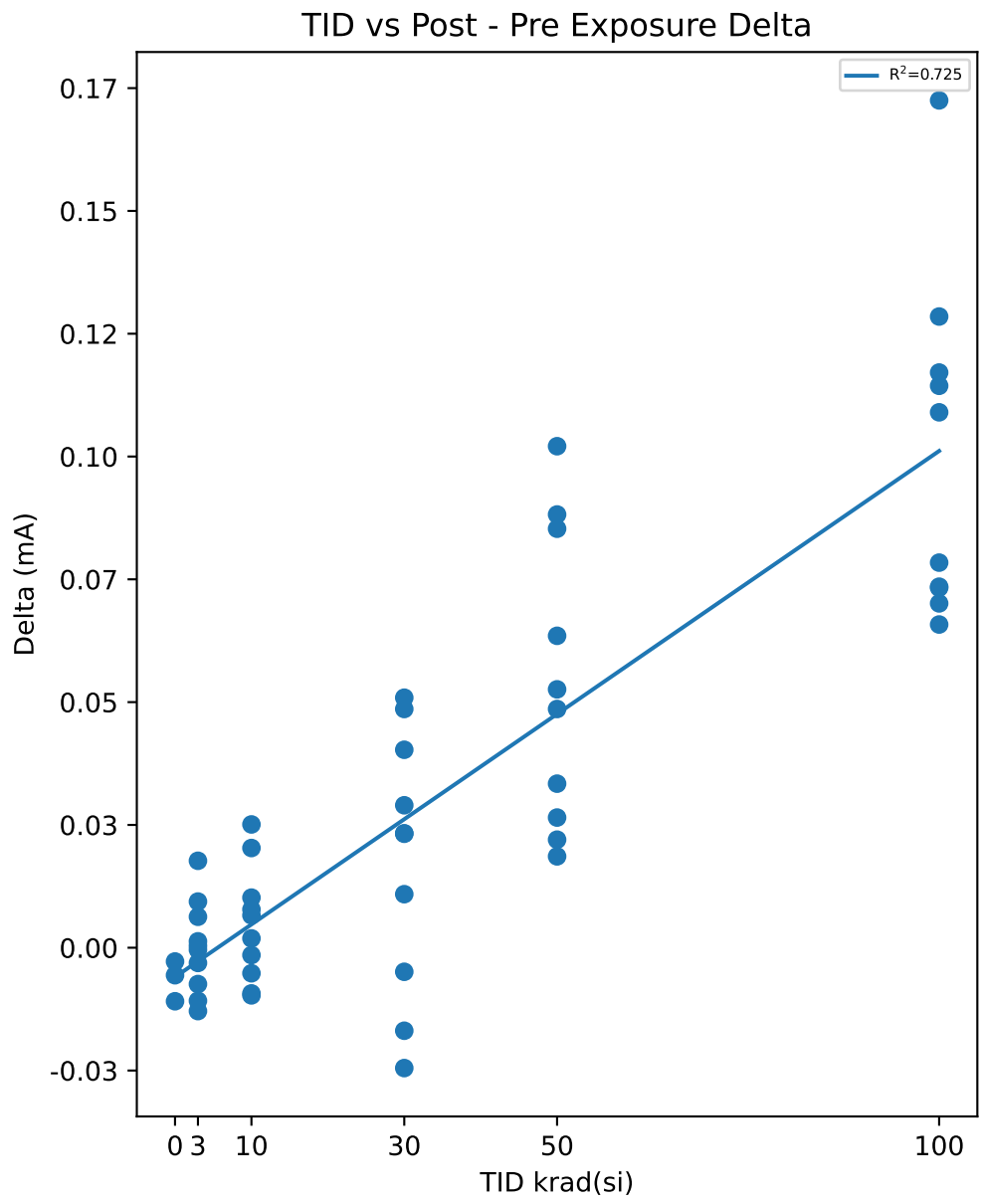
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7883	3.7825	-0.0058
2	3	HDR BIAS	3.7199	3.7208	0.0009
3	3	HDR BIAS	3.8151	3.8185	0.0034
4	3	HDR BIAS	3.8049	3.7984	-0.0065
5	3	HDR BIAS	3.7967	3.7898	-0.0069
6	3	HDR UNBIAS	3.7781	3.7701	-0.008
7	3	HDR UNBIAS	3.8069	3.8016	-0.0053
8	3	HDR UNBIAS	3.8677	3.866	-0.0017
9	3	HDR UNBIAS	3.7071	3.717	0.0099
10	3	HDR UNBIAS	3.8543	3.8541	-0.0002
11	10	HDR BIAS	3.8822	3.9005	0.0183
12	10	HDR BIAS	3.7787	3.7884	0.0097
13	10	HDR BIAS	3.8072	3.8063	-0.0009
14	10	HDR BIAS	3.8003	3.7967	-0.0036
15	10	HDR BIAS	3.7415	3.7388	-0.0027
16	10	HDR UNBIAS	3.7896	3.7858	-0.0038
17	10	HDR UNBIAS	3.7881	3.7834	-0.0047
18	10	HDR UNBIAS	3.8341	3.8477	0.0136
19	10	HDR UNBIAS	3.8835	3.8823	-0.0012
20	10	HDR UNBIAS	3.7891	3.7825	-0.0066
31	30	HDR BIAS	3.7499	3.7327	-0.0172
32	30	HDR BIAS	3.8402	3.8554	0.0152
33	30	HDR BIAS	3.745	3.7617	0.0167
34	30	HDR BIAS	3.7257	3.7369	0.0112
35	30	HDR BIAS	3.7464	3.7548	0.0084
36	30	HDR UNBIAS	3.7826	3.8042	0.0216
37	30	HDR UNBIAS	3.7665	3.7729	0.0064
38	30	HDR UNBIAS	3.7524	3.7697	0.0173
39	30	HDR UNBIAS	3.8969	3.887	-0.0099
40	30	HDR UNBIAS	3.7402	3.7295	-0.0107
41	50	HDR BIAS	3.7204	3.7369	0.0165
42	50	HDR BIAS	3.8008	3.8144	0.0136
43	50	HDR BIAS	3.7435	3.7614	0.0179
44	50	HDR BIAS	3.8101	3.8548	0.0447
45	50	HDR BIAS	3.8006	3.8202	0.0196
46	50	HDR UNBIAS	3.7908	3.8327	0.0419
47	50	HDR UNBIAS	3.7833	3.791	0.0077
48	50	HDR UNBIAS	3.7328	3.7565	0.0237
49	50	HDR UNBIAS	3.8622	3.8852	0.023
50	50	HDR UNBIAS	3.7817	3.8208	0.0391
51	100	HDR BIAS	3.7688	3.8219	0.0531
52	100	HDR BIAS	3.794	3.846	0.052
53	100	HDR BIAS	3.7951	3.8363	0.0412
54	100	HDR BIAS	3.8299	3.9177	0.0878
55	100	HDR BIAS	3.8513	3.8995	0.0482
56	100	HDR UNBIAS	3.806	3.8592	0.0532
57	100	HDR UNBIAS	3.8044	3.8351	0.0307
58	100	HDR UNBIAS	3.7939	3.8404	0.0465
59	100	HDR UNBIAS	3.782	3.814	0.032
60	100	HDR UNBIAS	3.8165	3.8757	0.0592
71	0	CORRELATION	3.7541	3.7449	-0.0092
72	0	CORRELATION	3.6688	3.6641	-0.0047
73	0	CORRELATION	3.7918	3.7908	-0.001

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	3.6688	3.7382	3.7918	0.063016	3.6641	3.7333	3.7908	0.064146	-0.0092	-0.0049667	-0.001	0.0041065
3	3.7071	3.7939	3.8677	0.050699	3.717	3.7919	3.866	0.048804	-0.008	-0.00202	0.0099	0.0056578
10	3.7415	3.8094	3.8835	0.045091	3.7388	3.8112	3.9005	0.05011	-0.0066	0.00181	0.0183	0.0087163
30	3.7257	3.7746	3.8969	0.053478	3.7295	3.7805	3.887	0.053218	-0.0172	0.0059	0.0216	0.013634
50	3.7204	3.7826	3.8622	0.041758	3.7369	3.8074	3.8852	0.046282	0.0077	0.02477	0.0447	0.012731
100	3.7688	3.8042	3.8513	0.02374	3.814	3.8546	3.9177	0.033619	0.0307	0.05039	0.0878	0.016074

Device Test: 14.6 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/0/4.5/500kHz//@IDD_ACT_500K_NOLOAD





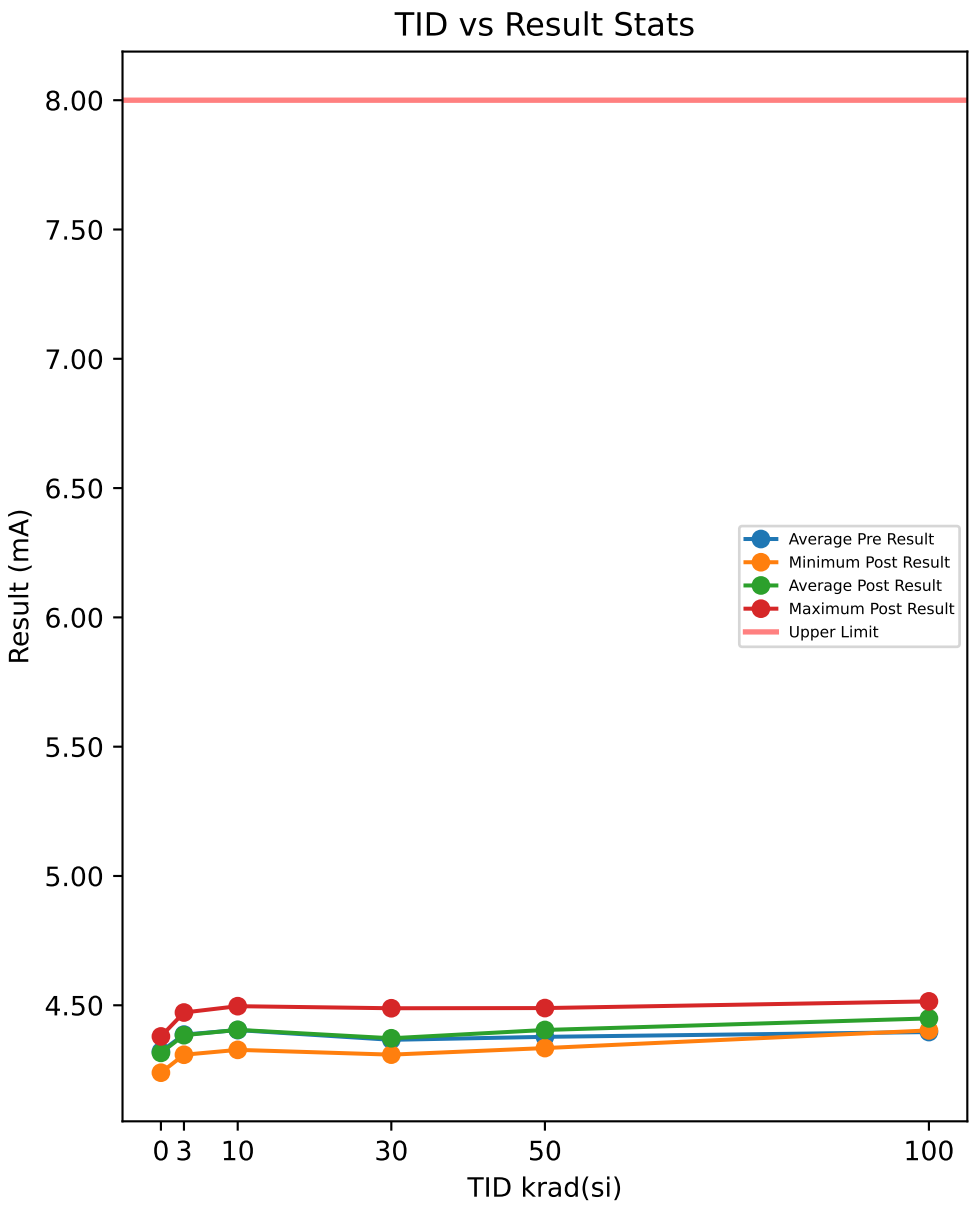
Test Results (Upper Limit = 17.0 (mA))

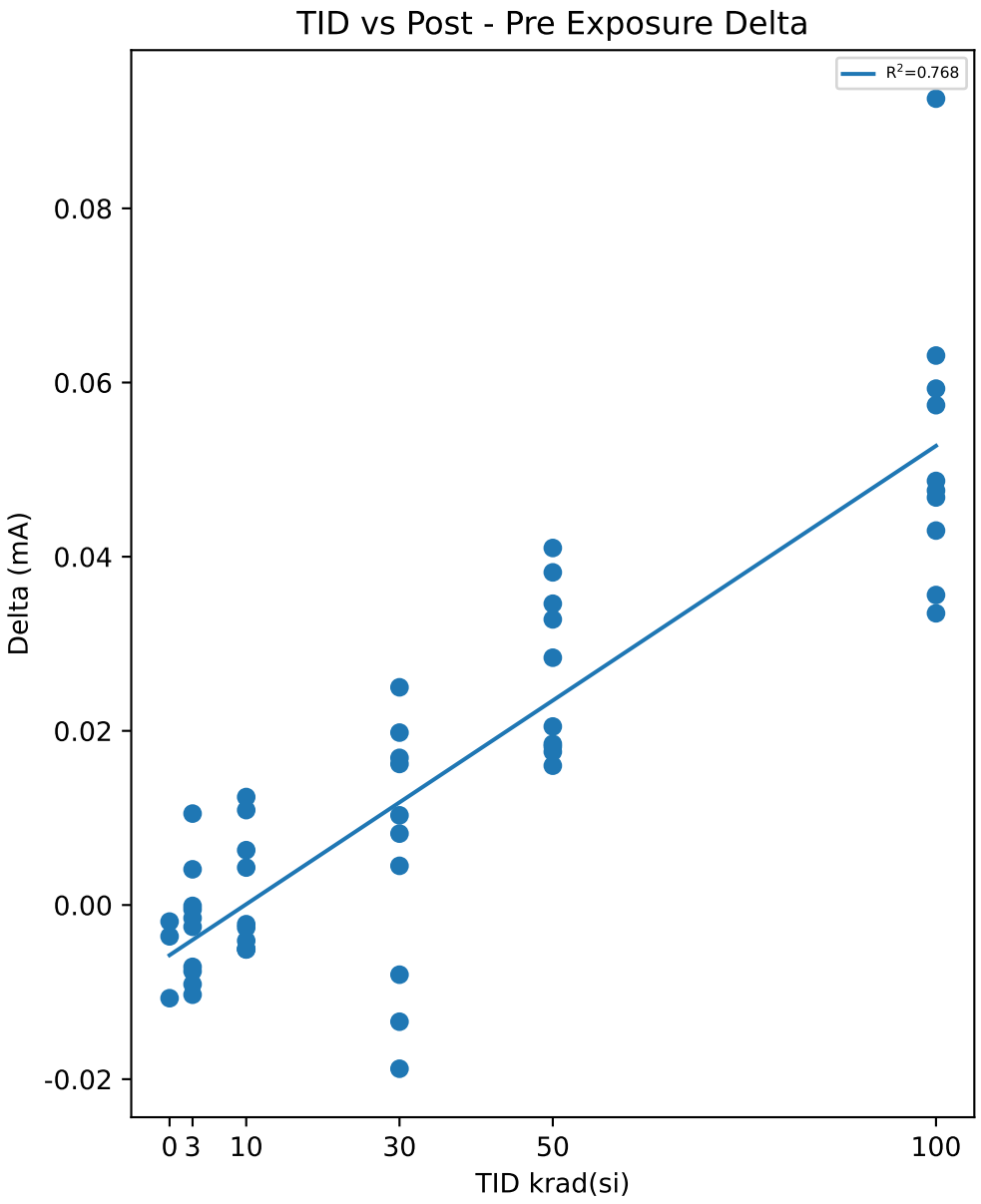
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.8904	6.883	-0.0074
2	3	HDR BIAS	6.7663	6.7676	0.0013
3	3	HDR BIAS	6.9009	6.9072	0.0063
4	3	HDR BIAS	6.9329	6.9423	0.0094
5	3	HDR BIAS	6.9028	6.8899	-0.0129
6	3	HDR UNBIAS	6.872	6.8724	0.0004
7	3	HDR UNBIAS	6.9383	6.9352	-0.0031
8	3	HDR UNBIAS	7.0778	7.0774	-0.0004
9	3	HDR UNBIAS	6.6707	6.6884	0.0177
10	3	HDR UNBIAS	7.0362	7.0254	-0.0108
11	10	HDR BIAS	7.0998	7.1201	0.0203
12	10	HDR BIAS	6.8236	6.8487	0.0251
13	10	HDR BIAS	6.9668	6.9746	0.0078
14	10	HDR BIAS	6.9168	6.9234	0.0066
15	10	HDR BIAS	6.7874	6.7781	-0.0093
16	10	HDR UNBIAS	6.8094	6.8079	-0.0015
17	10	HDR UNBIAS	6.9016	6.8964	-0.0052
18	10	HDR UNBIAS	7.0122	7.0224	0.0102
19	10	HDR UNBIAS	7.0883	7.0902	0.0019
20	10	HDR UNBIAS	6.8993	6.8896	-0.0097
31	30	HDR BIAS	6.808	6.7911	-0.0169
32	30	HDR BIAS	6.9825	7.0115	0.029
33	30	HDR BIAS	6.8272	6.8758	0.0486
34	30	HDR BIAS	6.7584	6.7693	0.0109
35	30	HDR BIAS	6.8092	6.8325	0.0233
36	30	HDR UNBIAS	6.9173	6.9682	0.0509
37	30	HDR UNBIAS	6.8579	6.8811	0.0232
38	30	HDR UNBIAS	6.8105	6.8508	0.0403
39	30	HDR UNBIAS	7.0992	7.0747	-0.0245
40	30	HDR UNBIAS	6.7788	6.7739	-0.0049
41	50	HDR BIAS	6.7758	6.7978	0.022
42	50	HDR BIAS	6.8643	6.8829	0.0186
43	50	HDR BIAS	6.8202	6.8688	0.0486
44	50	HDR BIAS	6.9566	7.0448	0.0882
45	50	HDR BIAS	6.9153	6.9487	0.0334
46	50	HDR UNBIAS	6.8998	6.9851	0.0853
47	50	HDR UNBIAS	6.8621	6.8886	0.0265
48	50	HDR UNBIAS	6.797	6.8605	0.0635
49	50	HDR UNBIAS	7.0284	7.081	0.0526
50	50	HDR UNBIAS	6.9114	7.0135	0.1021
51	100	HDR BIAS	6.8512	6.9296	0.0784
52	100	HDR BIAS	6.8946	7.0117	0.1171
53	100	HDR BIAS	6.8563	6.9707	0.1144
54	100	HDR BIAS	6.9761	7.1486	0.1725
55	100	HDR BIAS	6.9894	7.0627	0.0733
56	100	HDR UNBIAS	6.8621	6.9906	0.1285
57	100	HDR UNBIAS	6.985	7.0508	0.0658
58	100	HDR UNBIAS	6.9073	6.9808	0.0735
59	100	HDR UNBIAS	6.8709	6.941	0.0701
60	100	HDR UNBIAS	6.9489	7.0579	0.109
71	0	CORRELATION	6.7949	6.784	-0.0109
72	0	CORRELATION	6.649	6.6434	-0.0056
73	0	CORRELATION	6.8597	6.8569	-0.0028

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	6.649	6.7679	6.8597	0.10792	6.6434	6.7614	6.8569	0.10852	-0.0109	-0.0064333	-0.0028	0.0041138
3	6.6707	6.8988	7.0778	0.1174	6.6884	6.8989	7.0774	0.11241	-0.0129	5e-05	0.0177	0.0093734
10	6.7874	6.9305	7.0998	0.11062	6.7781	6.9351	7.1201	0.11521	-0.0097	0.00462	0.0251	0.011788
30	6.7584	6.8649	7.0992	0.10593	6.7693	6.8829	7.0747	0.10405	-0.0245	0.01799	0.0509	0.026439
50	6.7758	6.8831	7.0284	0.076237	6.7978	6.9372	7.081	0.091778	0.0186	0.05408	0.1021	0.029892
100	6.8512	6.9142	6.9894	0.055823	6.9296	7.0144	7.1486	0.066459	0.0658	0.10026	0.1725	0.034309

Device Test: 14.7 IDD_DIS|STANDBY CURRENT/IN/4.5/4.5/0/0/4.5/500kHz//@IDD_DIS





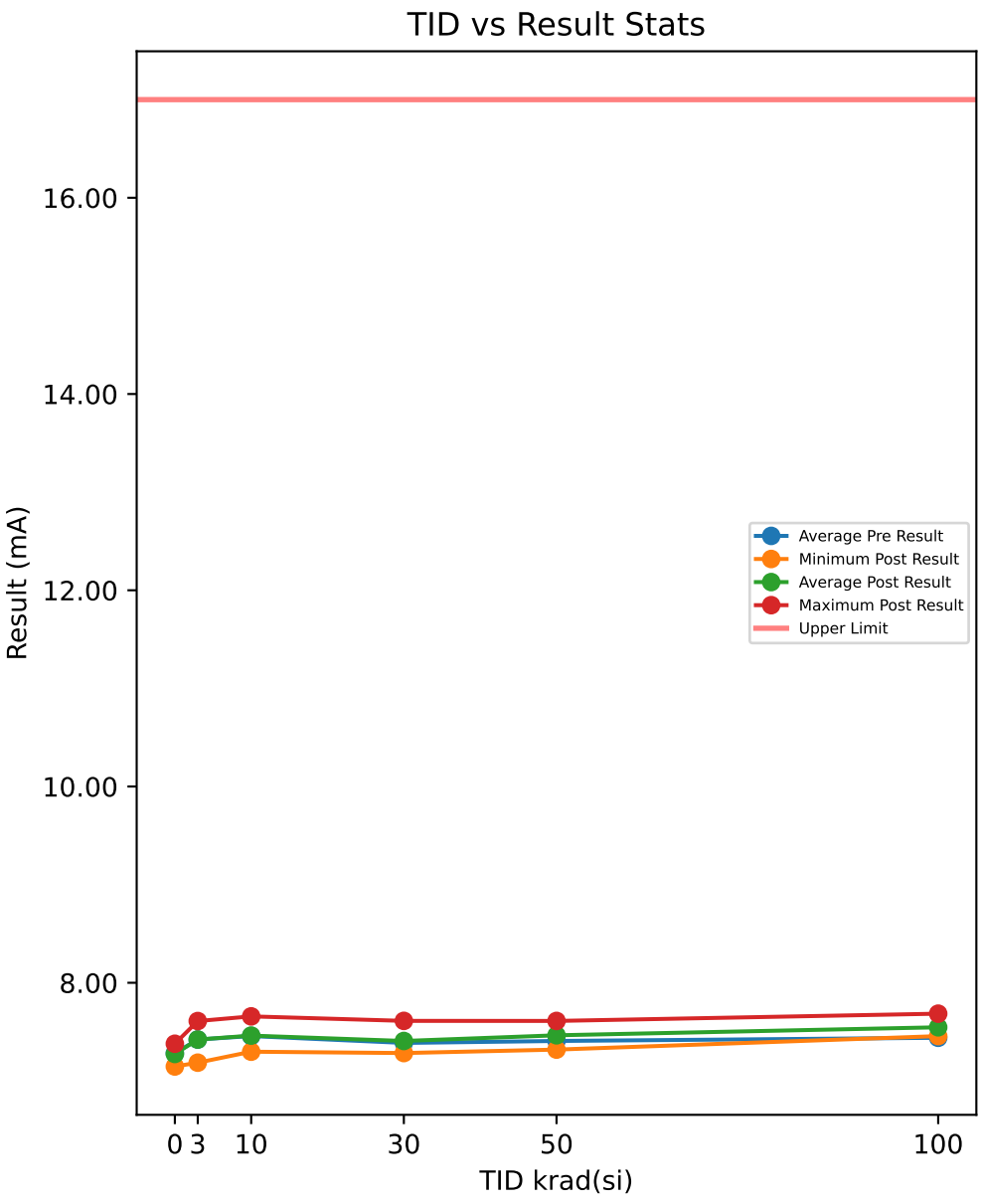
Test Results (Upper Limit = 8.0 (mA))

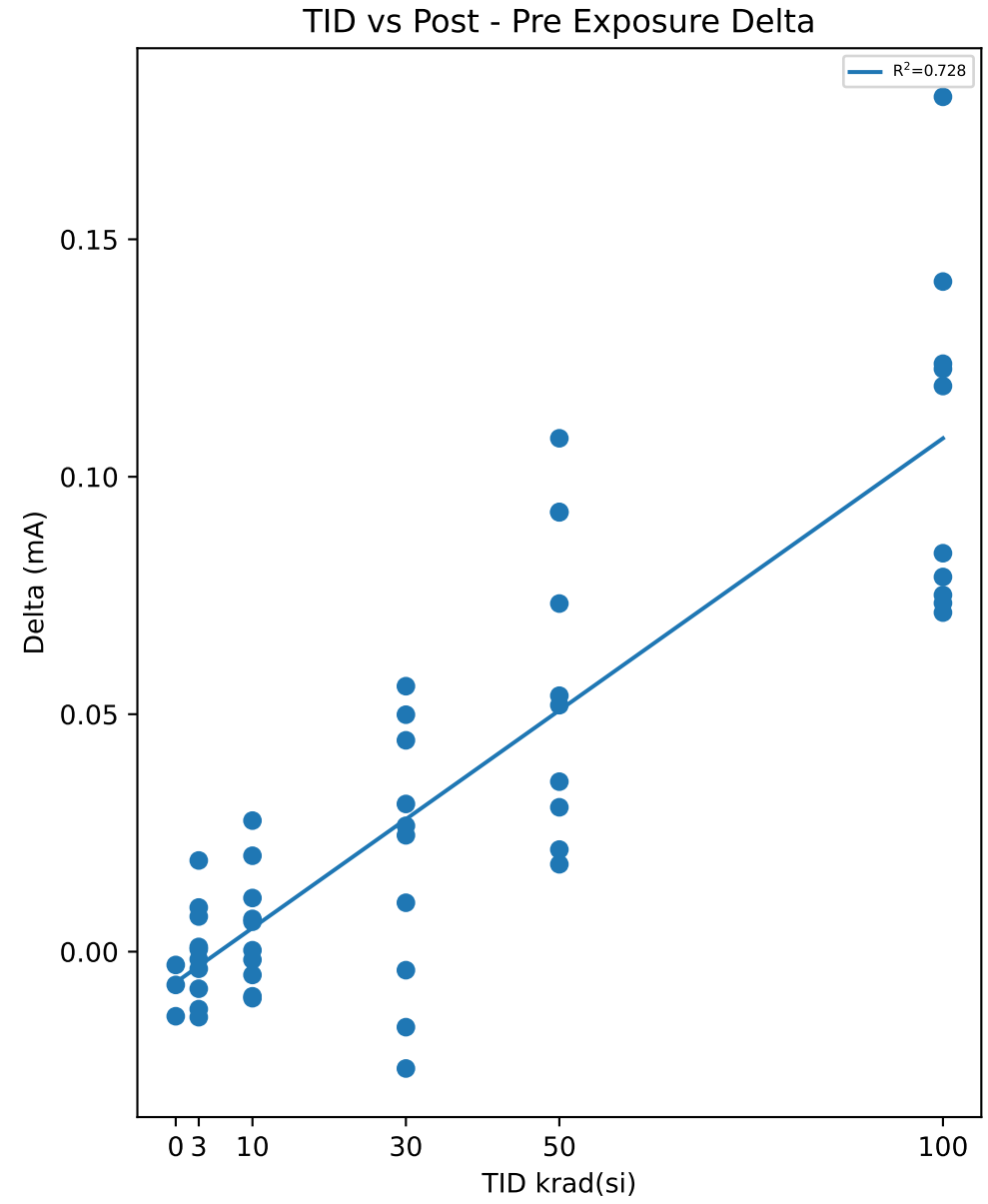
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.3812	4.3721	-0.0091
2	3	HDR BIAS	4.3117	4.3112	-0.0005
3	3	HDR BIAS	4.4017	4.4058	0.0041
4	3	HDR BIAS	4.3942	4.3917	-0.0025
5	3	HDR BIAS	4.3919	4.3843	-0.0076
6	3	HDR UNBIAS	4.3543	4.3542	-0.0001
7	3	HDR UNBIAS	4.3987	4.3916	-0.0071
8	3	HDR UNBIAS	4.4735	4.472	-0.0015
9	3	HDR UNBIAS	4.2982	4.3087	0.0105
10	3	HDR UNBIAS	4.4611	4.4508	-0.0103
11	10	HDR BIAS	4.4841	4.4965	0.0124
12	10	HDR BIAS	4.3796	4.3905	0.0109
13	10	HDR BIAS	4.3978	4.3956	-0.0022
14	10	HDR BIAS	4.3974	4.4017	0.0043
15	10	HDR BIAS	4.3326	4.3276	-0.005
16	10	HDR UNBIAS	4.3807	4.3756	-0.0051
17	10	HDR UNBIAS	4.3774	4.3723	-0.0051
18	10	HDR UNBIAS	4.4333	4.4396	0.0063
19	10	HDR UNBIAS	4.4729	4.4703	-0.0026
20	10	HDR UNBIAS	4.3849	4.3808	-0.0041
31	30	HDR BIAS	4.343	4.3242	-0.0188
32	30	HDR BIAS	4.4379	4.4541	0.0162
33	30	HDR BIAS	4.3164	4.3414	0.025
34	30	HDR BIAS	4.2988	4.3091	0.0103
35	30	HDR BIAS	4.3414	4.3496	0.0082
36	30	HDR UNBIAS	4.3889	4.4058	0.0169
37	30	HDR UNBIAS	4.3627	4.3672	0.0045
38	30	HDR UNBIAS	4.3448	4.3646	0.0198
39	30	HDR UNBIAS	4.4965	4.4885	-0.008
40	30	HDR UNBIAS	4.3334	4.32	-0.0134
41	50	HDR BIAS	4.314	4.3345	0.0205
42	50	HDR BIAS	4.392	4.408	0.016
43	50	HDR BIAS	4.337	4.3555	0.0185
44	50	HDR BIAS	4.4145	4.4527	0.0382
45	50	HDR BIAS	4.4077	4.4253	0.0176
46	50	HDR UNBIAS	4.3885	4.4231	0.0346
47	50	HDR UNBIAS	4.3671	4.3853	0.0182
48	50	HDR UNBIAS	4.3305	4.3589	0.0284
49	50	HDR UNBIAS	4.4564	4.4892	0.0328
50	50	HDR UNBIAS	4.3716	4.4126	0.041
51	100	HDR BIAS	4.3482	4.4075	0.0593
52	100	HDR BIAS	4.3864	4.434	0.0476
53	100	HDR BIAS	4.3957	4.4387	0.043
54	100	HDR BIAS	4.4225	4.5151	0.0926
55	100	HDR BIAS	4.4567	4.5054	0.0487
56	100	HDR UNBIAS	4.3965	4.4539	0.0574
57	100	HDR UNBIAS	4.3967	4.4302	0.0335
58	100	HDR UNBIAS	4.3787	4.4255	0.0468
59	100	HDR UNBIAS	4.3673	4.4029	0.0356
60	100	HDR UNBIAS	4.4157	4.4788	0.0631
71	0	CORRELATION	4.3396	4.3289	-0.0107
72	0	CORRELATION	4.2429	4.2393	-0.0036
73	0	CORRELATION	4.3814	4.3795	-0.0019

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	4.2429	4.3213	4.3814	0.07104	4.2393	4.3159	4.3795	0.070998	-0.0107	-0.0054	-0.0019	0.004668
3	4.2982	4.3867	4.4735	0.055836	4.3087	4.3842	4.472	0.052491	-0.0103	-0.00241	0.0105	0.0064533
10	4.3326	4.4041	4.4841	0.046443	4.3276	4.4051	4.4965	0.05017	-0.0051	0.00098	0.0124	0.0068846
30	4.2988	4.3664	4.4965	0.059959	4.3091	4.3724	4.4885	0.059549	-0.0188	0.00607	0.025	0.014859
50	4.314	4.3779	4.4564	0.043282	4.3345	4.4045	4.4892	0.047261	0.016	0.02658	0.041	0.0095122
100	4.3482	4.3964	4.4567	0.03032	4.4029	4.4492	4.5151	0.038796	0.0335	0.05276	0.0926	0.016989

Device Test: 14.8 IDD|SUPPLY CURRENT/IN/5/5/0/0/5/500kHz//@IDD_ACT_500K_NOLOAD





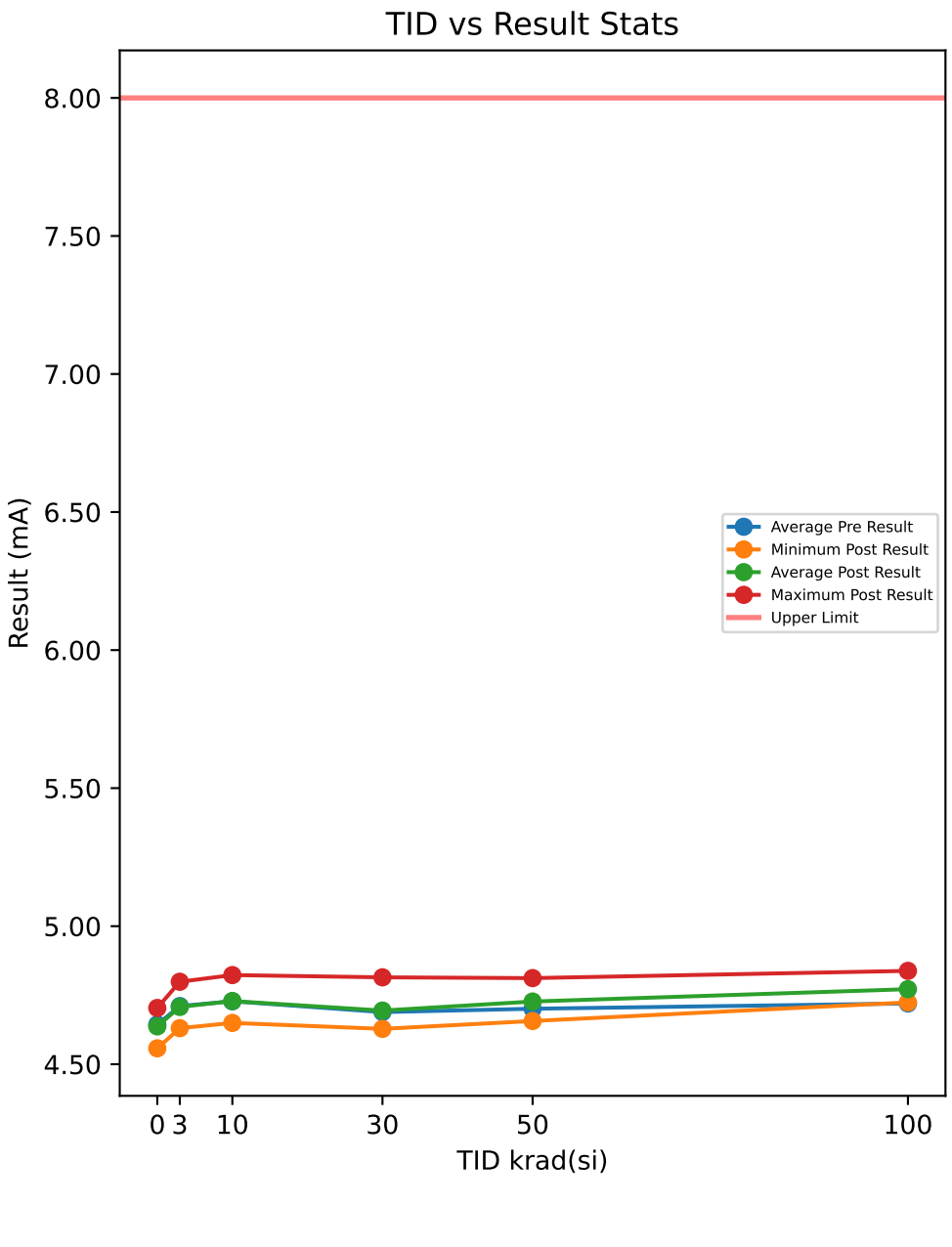
Test Results (Upper Limit = 17.0 (mA))

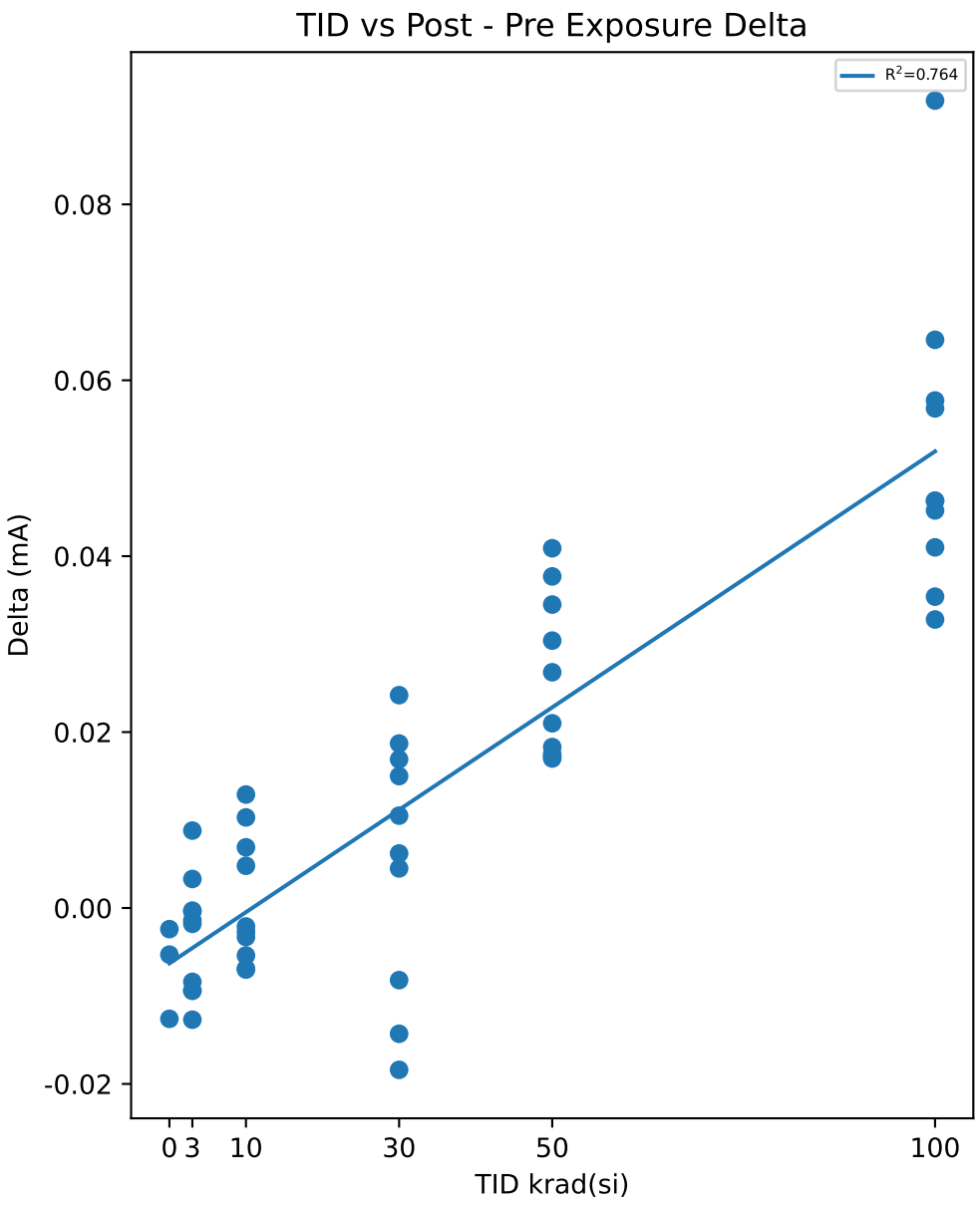
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	7.4136	7.4058	-0.0078
2	3	HDR BIAS	7.2844	7.2849	0.0005
3	3	HDR BIAS	7.4248	7.4322	0.0074
4	3	HDR BIAS	7.463	7.4723	0.0093
5	3	HDR BIAS	7.4267	7.4129	-0.0138
6	3	HDR UNBIAS	7.3916	7.3926	0.001
7	3	HDR UNBIAS	7.4663	7.4627	-0.0036
8	3	HDR UNBIAS	7.6116	7.61	-0.0016
9	3	HDR UNBIAS	7.1666	7.1858	0.0192
10	3	HDR UNBIAS	7.5675	7.5554	-0.0121
11	10	HDR BIAS	7.6374	7.6576	0.0202
12	10	HDR BIAS	7.3374	7.365	0.0276
13	10	HDR BIAS	7.4966	7.5029	0.0063
14	10	HDR BIAS	7.4455	7.4524	0.0069
15	10	HDR BIAS	7.3074	7.2976	-0.0098
16	10	HDR UNBIAS	7.3241	7.3224	-0.0017
17	10	HDR UNBIAS	7.4285	7.4236	-0.0049
18	10	HDR UNBIAS	7.5444	7.5557	0.0113
19	10	HDR UNBIAS	7.6218	7.6221	0.0003
20	10	HDR UNBIAS	7.4274	7.418	-0.0094
31	30	HDR BIAS	7.329	7.3131	-0.0159
32	30	HDR BIAS	7.5114	7.5425	0.0311
33	30	HDR BIAS	7.3519	7.4018	0.0499
34	30	HDR BIAS	7.2736	7.2839	0.0103
35	30	HDR BIAS	7.3276	7.3541	0.0265
36	30	HDR UNBIAS	7.4405	7.4964	0.0559
37	30	HDR UNBIAS	7.38	7.4045	0.0245
38	30	HDR UNBIAS	7.3268	7.3713	0.0445
39	30	HDR UNBIAS	7.6364	7.6118	-0.0246
40	30	HDR UNBIAS	7.2932	7.2893	-0.0039
41	50	HDR BIAS	7.2975	7.319	0.0215
42	50	HDR BIAS	7.3823	7.4007	0.0184
43	50	HDR BIAS	7.3412	7.3931	0.0519
44	50	HDR BIAS	7.4854	7.578	0.0926
45	50	HDR BIAS	7.4396	7.4754	0.0358
46	50	HDR UNBIAS	7.4233	7.5158	0.0925
47	50	HDR UNBIAS	7.3856	7.416	0.0304
48	50	HDR UNBIAS	7.3156	7.3889	0.0733
49	50	HDR UNBIAS	7.5573	7.6112	0.0539
50	50	HDR UNBIAS	7.4415	7.5496	0.1081
51	100	HDR BIAS	7.3726	7.4565	0.0839
52	100	HDR BIAS	7.4186	7.5413	0.1227
53	100	HDR BIAS	7.3766	7.5004	0.1238
54	100	HDR BIAS	7.5052	7.6852	0.18
55	100	HDR BIAS	7.5195	7.5946	0.0751
56	100	HDR UNBIAS	7.3782	7.5193	0.1411
57	100	HDR UNBIAS	7.5158	7.5872	0.0714
58	100	HDR UNBIAS	7.4342	7.5131	0.0789
59	100	HDR UNBIAS	7.3962	7.4696	0.0734
60	100	HDR UNBIAS	7.4778	7.5969	0.1191
71	0	CORRELATION	7.3117	7.2981	-0.0136
72	0	CORRELATION	7.1539	7.1469	-0.007
73	0	CORRELATION	7.3815	7.3787	-0.0028

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	7.1539	7.2824	7.3815	0.1166	7.1469	7.2746	7.3787	0.11768	-0.0136	-0.0078	-0.0028	0.0054443
3	7.1666	7.4216	7.6116	0.12734	7.1858	7.4215	7.61	0.12167	-0.0138	-0.00015	0.0192	0.010133
10	7.3074	7.457	7.6374	0.11789	7.2976	7.4617	7.6576	0.12192	-0.0098	0.00468	0.0276	0.01237
30	7.2736	7.387	7.6364	0.11254	7.2839	7.4069	7.6118	0.11067	-0.0246	0.01983	0.0559	0.027712
50	7.2975	7.4069	7.5573	0.07958	7.319	7.4648	7.6112	0.095917	0.0184	0.05784	0.1081	0.032215
100	7.3726	7.4395	7.5195	0.060124	7.4565	7.5464	7.6852	0.069737	0.0714	0.10694	0.18	0.036369

Device Test: 14.9 IDD_DIS|STANDBY CURRENT/IN/5/5/0/0/5/500kHz//@IDD_DIS





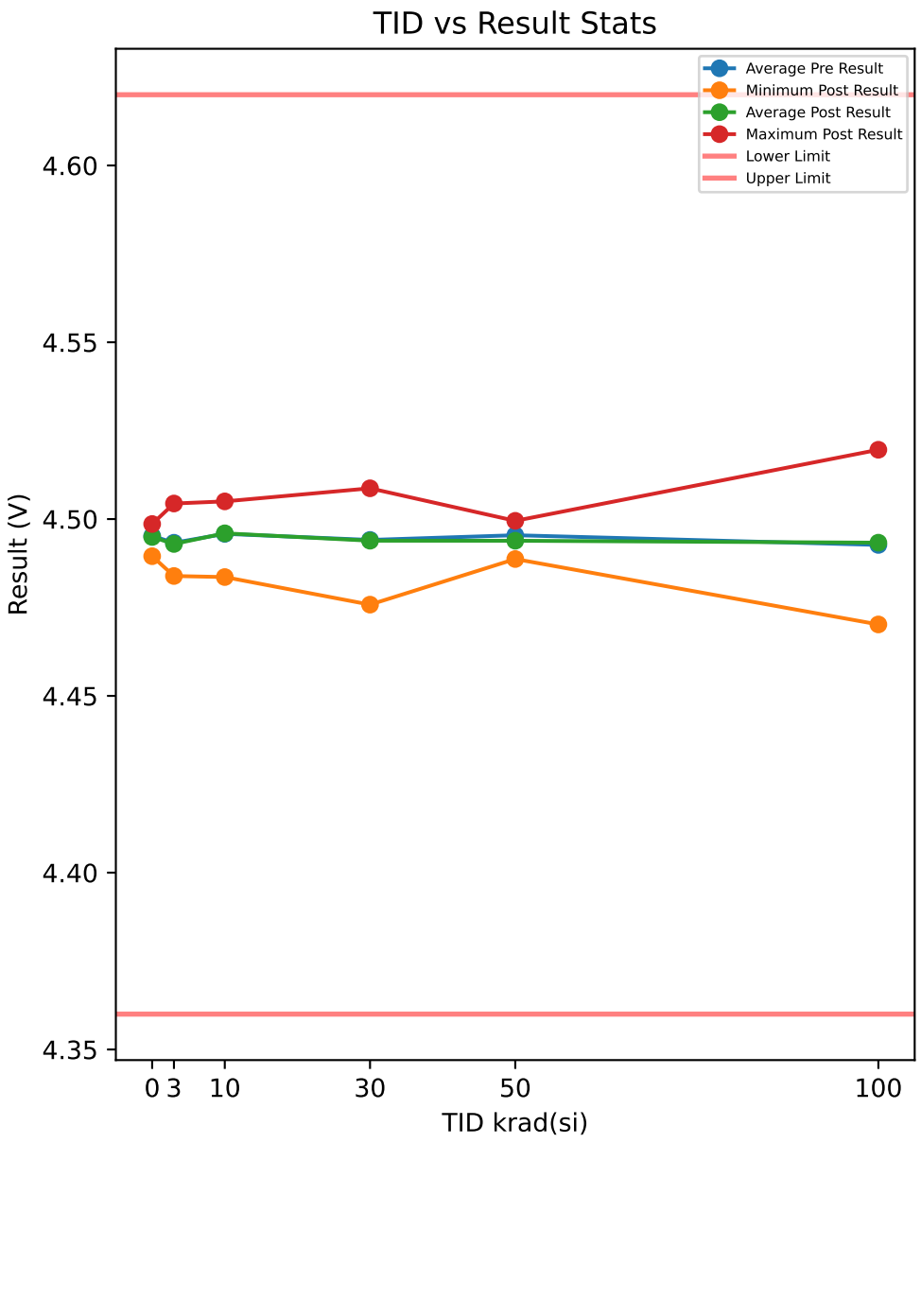
Test Results (Upper Limit = 8.0 (mA))

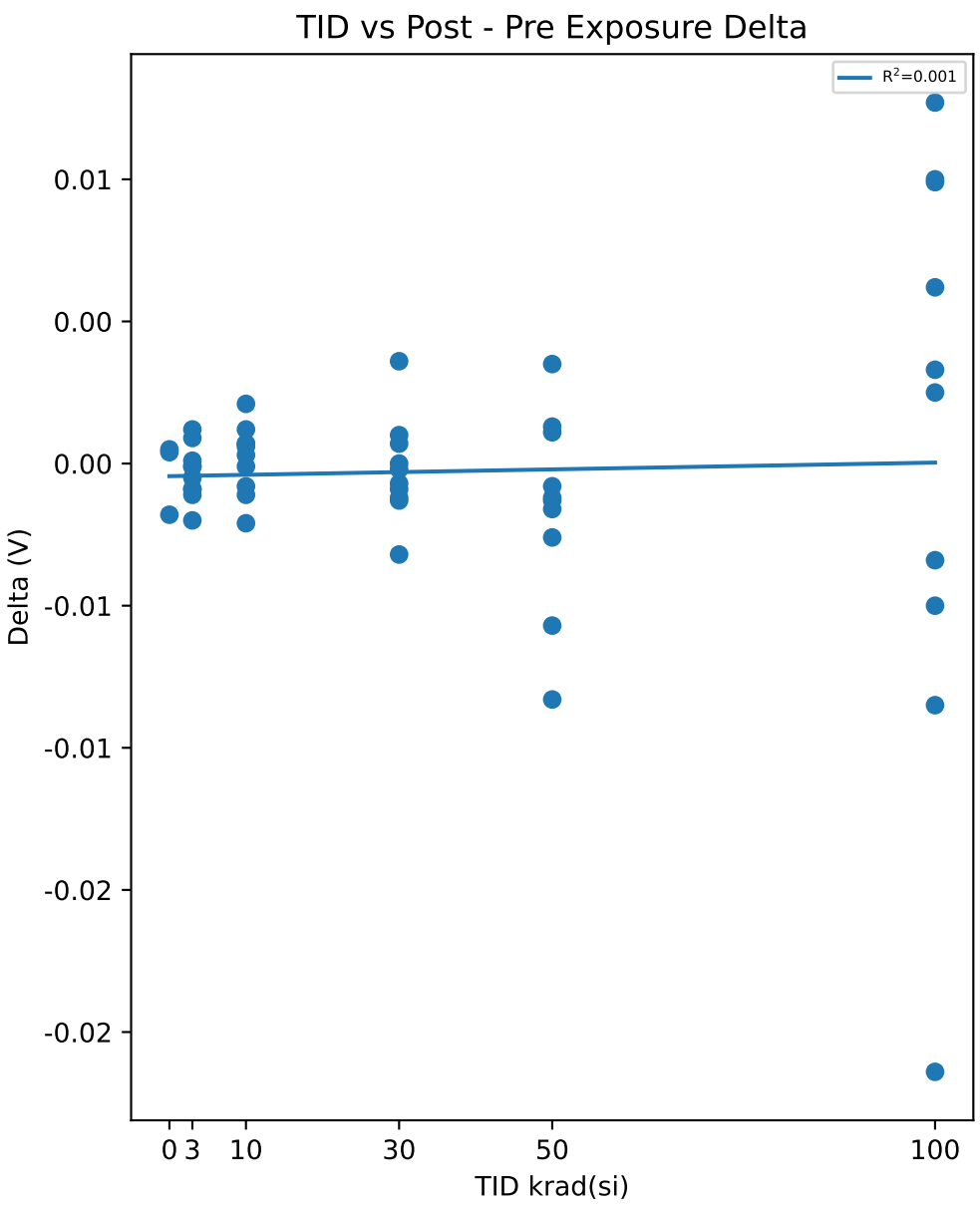
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.7061	4.6967	-0.0094
2	3	HDR BIAS	4.6325	4.6322	-0.0003
3	3	HDR BIAS	4.7273	4.7306	0.0033
4	3	HDR BIAS	4.7177	4.7163	-0.0014
5	3	HDR BIAS	4.7174	4.708	-0.0094
6	3	HDR UNBIAS	4.6736	4.6732	-0.0004
7	3	HDR UNBIAS	4.7226	4.7142	-0.0084
8	3	HDR UNBIAS	4.8005	4.7987	-0.0018
9	3	HDR UNBIAS	4.6217	4.6305	0.0088
10	3	HDR UNBIAS	4.7871	4.7744	-0.0127
11	10	HDR BIAS	4.81	4.8229	0.0129
12	10	HDR BIAS	4.7043	4.7146	0.0103
13	10	HDR BIAS	4.7187	4.716	-0.0027
14	10	HDR BIAS	4.722	4.7268	0.0048
15	10	HDR BIAS	4.6529	4.6496	-0.0033
16	10	HDR UNBIAS	4.7053	4.6984	-0.0069
17	10	HDR UNBIAS	4.7037	4.6967	-0.007
18	10	HDR UNBIAS	4.7577	4.7646	0.0069
19	10	HDR UNBIAS	4.7946	4.7925	-0.0021
20	10	HDR UNBIAS	4.7109	4.7055	-0.0054
31	30	HDR BIAS	4.6635	4.6451	-0.0184
32	30	HDR BIAS	4.764	4.779	0.015
33	30	HDR BIAS	4.6364	4.6606	0.0242
34	30	HDR BIAS	4.6176	4.6281	0.0105
35	30	HDR BIAS	4.6663	4.6725	0.0062
36	30	HDR UNBIAS	4.7113	4.7282	0.0169
37	30	HDR UNBIAS	4.6842	4.6887	0.0045
38	30	HDR UNBIAS	4.6682	4.6869	0.0187
39	30	HDR UNBIAS	4.8229	4.8147	-0.0082
40	30	HDR UNBIAS	4.6539	4.6396	-0.0143
41	50	HDR BIAS	4.6355	4.6565	0.021
42	50	HDR BIAS	4.7144	4.7316	0.0172
43	50	HDR BIAS	4.6608	4.6783	0.0175
44	50	HDR BIAS	4.7397	4.7774	0.0377
45	50	HDR BIAS	4.7323	4.7506	0.0183
46	50	HDR UNBIAS	4.7098	4.7443	0.0345
47	50	HDR UNBIAS	4.6872	4.7042	0.017
48	50	HDR UNBIAS	4.6537	4.6805	0.0268
49	50	HDR UNBIAS	4.7815	4.8119	0.0304
50	50	HDR UNBIAS	4.6942	4.7351	0.0409
51	100	HDR BIAS	4.6723	4.7291	0.0568
52	100	HDR BIAS	4.7107	4.757	0.0463
53	100	HDR BIAS	4.7196	4.7606	0.041
54	100	HDR BIAS	4.7463	4.8381	0.0918
55	100	HDR BIAS	4.784	4.8303	0.0463
56	100	HDR UNBIAS	4.7195	4.7772	0.0577
57	100	HDR UNBIAS	4.72	4.7528	0.0328
58	100	HDR UNBIAS	4.6989	4.7441	0.0452
59	100	HDR UNBIAS	4.6885	4.7239	0.0354
60	100	HDR UNBIAS	4.74	4.8046	0.0646
71	0	CORRELATION	4.6623	4.6497	-0.0126
72	0	CORRELATION	4.5629	4.5576	-0.0053
73	0	CORRELATION	4.7061	4.7037	-0.0024

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	4.5629	4.6438	4.7061	0.073377	4.5576	4.637	4.7037	0.073873	-0.0126	-0.0067667	-0.0024	0.0052558
3	4.6217	4.7106	4.8005	0.057587	4.6305	4.7075	4.7987	0.0541	-0.0127	-0.00317	0.0088	0.0066822
10	4.6529	4.728	4.81	0.046862	4.6496	4.7288	4.8229	0.050918	-0.007	0.00075	0.0129	0.0073476
30	4.6176	4.6888	4.8229	0.062155	4.6281	4.6943	4.8147	0.061745	-0.0184	0.00551	0.0242	0.014612
50	4.6355	4.7009	4.7815	0.044215	4.6565	4.727	4.8119	0.047976	0.017	0.02613	0.0409	0.0092253
100	4.6723	4.72	4.784	0.031601	4.7239	4.7718	4.8381	0.040157	0.0328	0.05179	0.0918	0.017238

Device Test: 15.1 VLDO|V_VLDO/VLDO/5/5/0/0/4.5/500kHz//@V_LDO_4P5





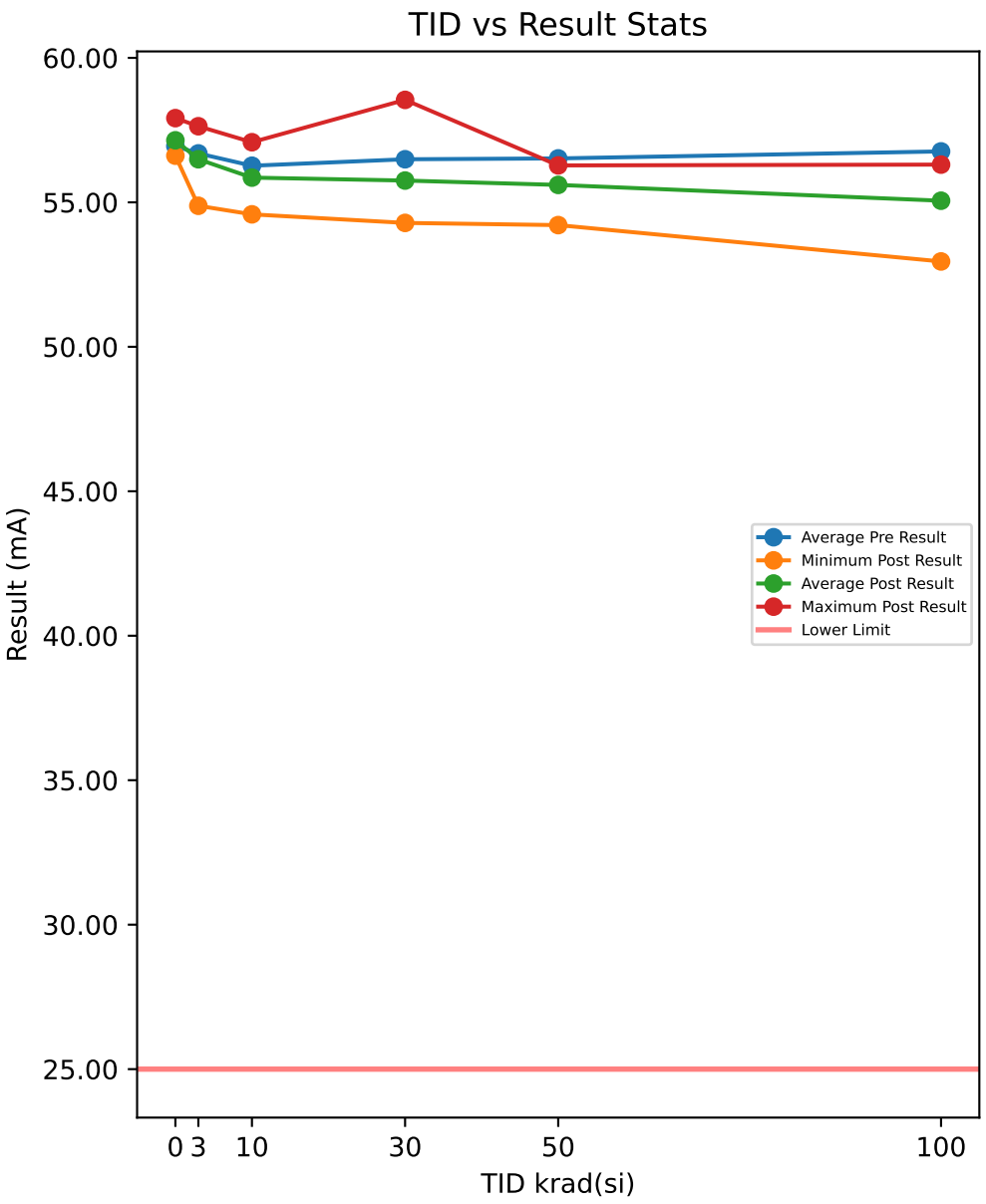
Test Results (Lower Limit = 4.36, Upper Limit = 4.62 (V))

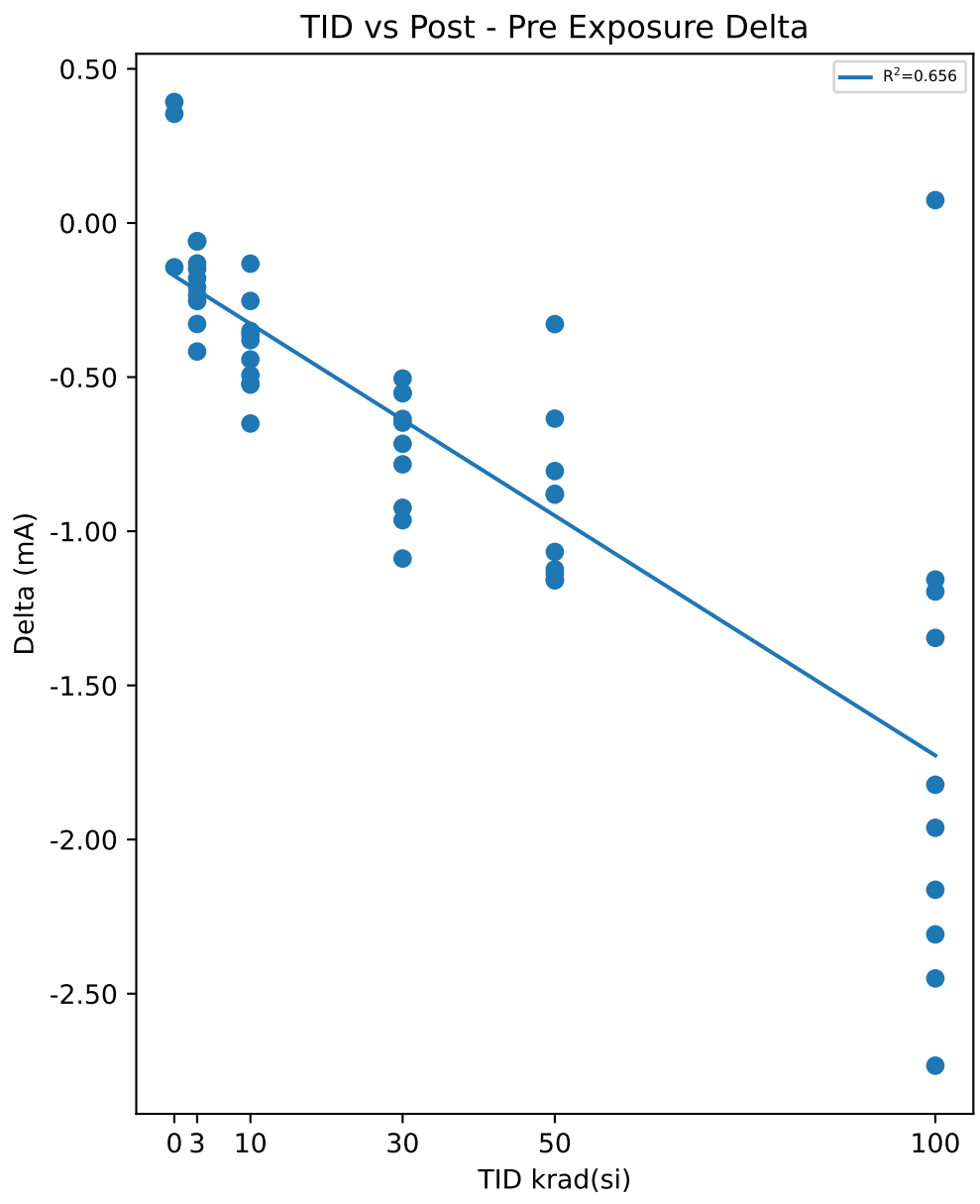
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.49	4.4895	-0.0005
2	3	HDR BIAS	4.4838	4.4839	0.0001
3	3	HDR BIAS	4.4954	4.4945	-0.0009
4	3	HDR BIAS	4.4964	4.4963	-0.0001
5	3	HDR BIAS	4.4963	4.4962	-0.0001
6	3	HDR UNBIAS	4.4998	4.4978	-0.002
7	3	HDR UNBIAS	4.488	4.4871	-0.0009
8	3	HDR UNBIAS	4.5032	4.5044	0.0012
9	3	HDR UNBIAS	4.494	4.4949	0.0009
10	3	HDR UNBIAS	4.4861	4.485	-0.0011
11	10	HDR BIAS	4.5038	4.505	0.0012
12	10	HDR BIAS	4.497	4.4962	-0.0008
13	10	HDR BIAS	4.502	4.5026	0.0006
14	10	HDR BIAS	4.4903	4.491	0.0007
15	10	HDR BIAS	4.4829	4.4836	0.0007
16	10	HDR UNBIAS	4.4919	4.4908	-0.0011
17	10	HDR UNBIAS	4.4974	4.4977	0.0003
18	10	HDR UNBIAS	4.4987	4.5008	0.0021
19	10	HDR UNBIAS	4.4919	4.4898	-0.0021
20	10	HDR UNBIAS	4.5023	4.5022	-0.0001
31	30	HDR BIAS	4.5009	4.5	-0.0009
32	30	HDR BIAS	4.5013	4.5011	-0.0002
33	30	HDR BIAS	4.479	4.4758	-0.0032
34	30	HDR BIAS	4.4931	4.4931	0
35	30	HDR BIAS	4.4831	4.4867	0.0036
36	30	HDR UNBIAS	4.4888	4.4895	0.0007
37	30	HDR UNBIAS	4.51	4.5087	-0.0013
38	30	HDR UNBIAS	4.4949	4.4937	-0.0012
39	30	HDR UNBIAS	4.4957	4.4967	0.001
40	30	HDR UNBIAS	4.4942	4.4935	-0.0007
41	50	HDR BIAS	4.4946	4.4889	-0.0057
42	50	HDR BIAS	4.4938	4.493	-0.0008
43	50	HDR BIAS	4.4959	4.4947	-0.0012
44	50	HDR BIAS	4.4927	4.4938	0.0011
45	50	HDR BIAS	4.4903	4.4887	-0.0016
46	50	HDR UNBIAS	4.496	4.4995	0.0035
47	50	HDR UNBIAS	4.4966	4.4953	-0.0013
48	50	HDR UNBIAS	4.4937	4.4911	-0.0026
49	50	HDR UNBIAS	4.5026	4.4943	-0.0083
50	50	HDR UNBIAS	4.4981	4.4994	0.0013
51	100	HDR BIAS	4.5171	4.5196	0.0025
52	100	HDR BIAS	4.4888	4.4854	-0.0034
53	100	HDR BIAS	4.4916	4.4702	-0.0214
54	100	HDR BIAS	4.4878	4.4793	-0.0085
55	100	HDR BIAS	4.4965	4.5092	0.0127
56	100	HDR UNBIAS	4.4789	4.4851	0.0062
57	100	HDR UNBIAS	4.4813	4.4846	0.0033
58	100	HDR UNBIAS	4.4782	4.4732	-0.005
59	100	HDR UNBIAS	4.5008	4.5108	0.01
60	100	HDR UNBIAS	4.5059	4.5158	0.0099
71	0	CORRELATION	4.4913	4.4895	-0.0018
72	0	CORRELATION	4.4982	4.4986	0.0004
73	0	CORRELATION	4.4962	4.4967	0.0005

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	4.4913	4.4952	4.4982	0.0035501	4.4895	4.4949	4.4986	0.0048003	-0.0018	-0.0003	0.0005	0.0013
3	4.4838	4.4933	4.5032	0.00619	4.4839	4.493	4.5044	0.006445	-0.002	-0.00034	0.0012	0.00095475
10	4.4829	4.4958	4.5038	0.0065335	4.4836	4.496	4.505	0.0069378	-0.0021	0.00015	0.0021	0.0012168
30	4.479	4.4941	4.51	0.0090197	4.4758	4.4939	4.5087	0.0089168	-0.0032	-0.00022	0.0036	0.001785
50	4.4903	4.4954	4.5026	0.0033427	4.4887	4.4939	4.4995	0.0037277	-0.0083	-0.00156	0.0035	0.0034203
100	4.4782	4.4927	4.5171	0.012564	4.4702	4.4933	4.5196	0.018547	-0.0214	0.00063	0.0127	0.010423

Device Test: 15.10 VLDO|ILIM_VLDO_SWEEP/VLDO/5.5/5.5/0/0/5/500kHz//@V_LDO_ILIM_5_PLUS_0P5





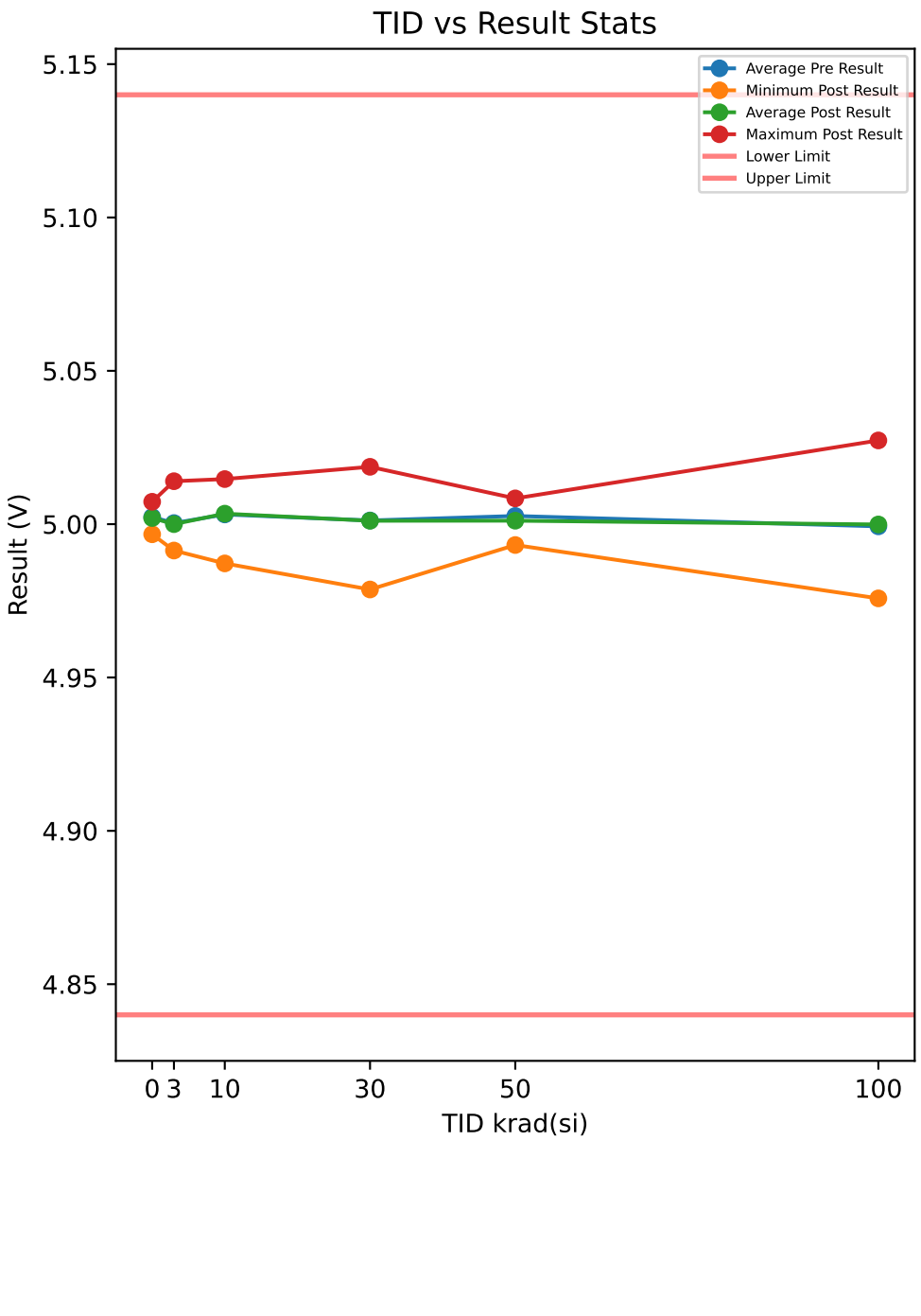
Test Results (Lower Limit = 25.0 (mA))

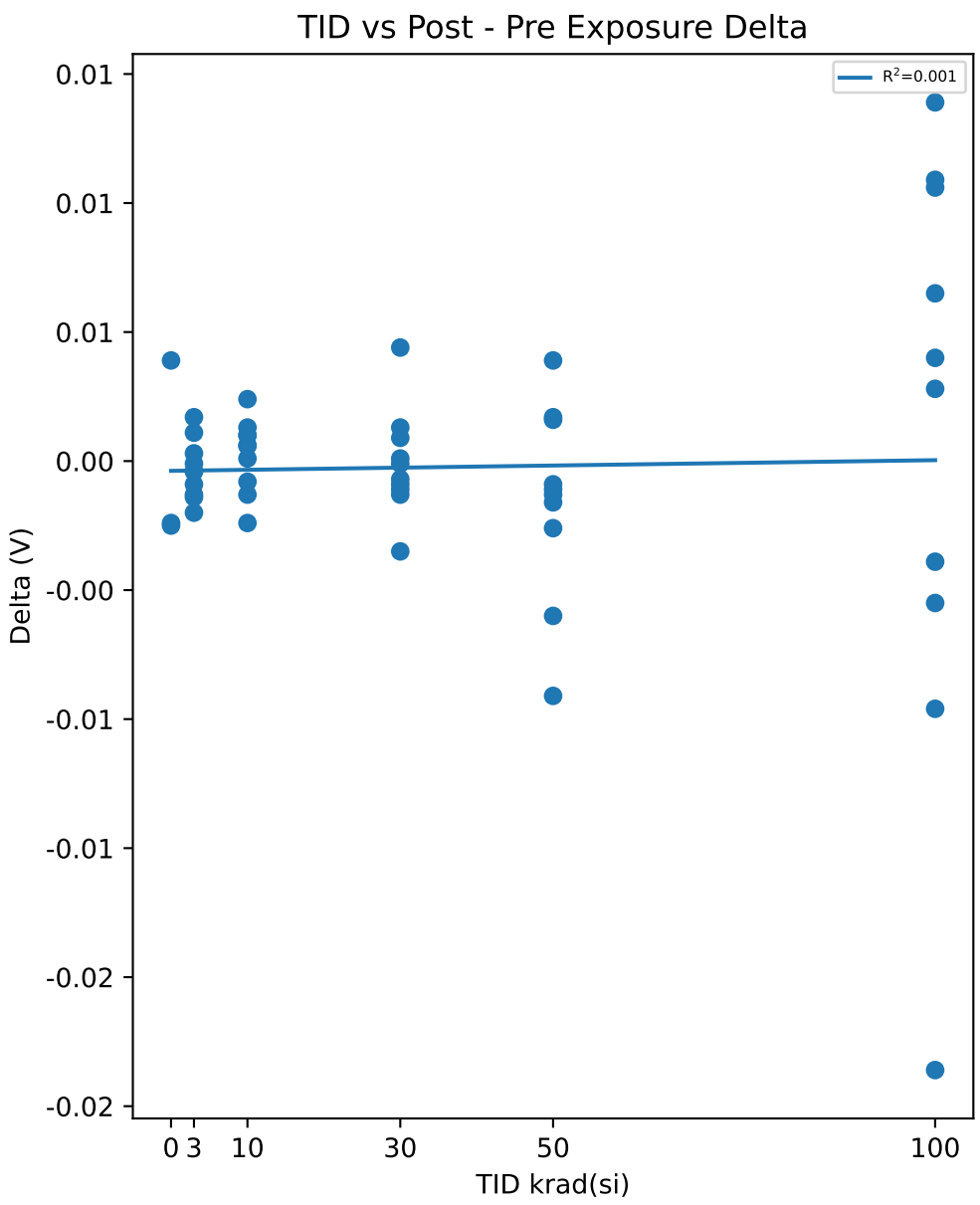
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	57.411	57.231	-0.1794
2	3	HDR BIAS	57.867	57.633	-0.2335
3	3	HDR BIAS	57.38	57.127	-0.2533
4	3	HDR BIAS	55.889	55.758	-0.1313
5	3	HDR BIAS	56.693	56.484	-0.2084
6	3	HDR UNBIAS	56.248	56.099	-0.149
7	3	HDR UNBIAS	57.054	56.994	-0.0598
8	3	HDR UNBIAS	55.208	54.88	-0.3277
9	3	HDR UNBIAS	56.817	56.4	-0.4169
10	3	HDR UNBIAS	56.358	56.3	-0.0588
11	10	HDR BIAS	55.104	54.584	-0.5205
12	10	HDR BIAS	55.77	55.327	-0.4427
13	10	HDR BIAS	55.446	55.085	-0.3613
14	10	HDR BIAS	56.314	55.82	-0.4935
15	10	HDR BIAS	57.605	57.08	-0.5244
16	10	HDR UNBIAS	56.641	56.388	-0.2529
17	10	HDR UNBIAS	56.598	56.218	-0.3802
18	10	HDR UNBIAS	56.28	55.629	-0.6505
19	10	HDR UNBIAS	57.048	56.916	-0.1321
20	10	HDR UNBIAS	55.858	55.508	-0.3503
31	30	HDR BIAS	54.941	54.39	-0.5512
32	30	HDR BIAS	55.502	54.719	-0.783
33	30	HDR BIAS	59.181	58.546	-0.6356
34	30	HDR BIAS	57.935	57.218	-0.7163
35	30	HDR BIAS	57.065	55.977	-1.0885
36	30	HDR UNBIAS	56.609	55.685	-0.9238
37	30	HDR UNBIAS	54.84	54.287	-0.5523
38	30	HDR UNBIAS	55.756	55.108	-0.6477
39	30	HDR UNBIAS	56.71	55.746	-0.9642
40	30	HDR UNBIAS	56.363	55.858	-0.5046
41	50	HDR BIAS	56.77	56.135	-0.6347
42	50	HDR BIAS	56.194	55.071	-1.1234
43	50	HDR BIAS	57.156	56.278	-0.8785
44	50	HDR BIAS	56.752	55.614	-1.1379
45	50	HDR BIAS	57.105	55.946	-1.1595
46	50	HDR UNBIAS	55.279	54.212	-1.067
47	50	HDR UNBIAS	56.532	55.727	-0.8046
48	50	HDR UNBIAS	56.662	55.781	-0.8813
49	50	HDR UNBIAS	56.052	55.724	-0.3282
50	50	HDR UNBIAS	56.696	55.54	-1.156
51	100	HDR BIAS	55.981	53.818	-2.163
52	100	HDR BIAS	57.514	56.167	-1.3461
53	100	HDR BIAS	55.904	55.977	0.074
54	100	HDR BIAS	57.075	55.919	-1.1566
55	100	HDR BIAS	55.687	52.953	-2.7335
56	100	HDR UNBIAS	57.237	55.275	-1.9619
57	100	HDR UNBIAS	58.128	56.305	-1.8223
58	100	HDR UNBIAS	57.488	56.292	-1.1956
59	100	HDR UNBIAS	56.552	54.244	-2.3077
60	100	HDR UNBIAS	56.055	53.604	-2.4505
71	0	CORRELATION	57.522	57.914	0.3925
72	0	CORRELATION	57.053	56.909	-0.1438
73	0	CORRELATION	56.26	56.614	0.3541

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	56.26	56.945	57.522	0.63761	56.614	57.146	57.914	0.68145	-0.1438	0.20093	0.3925	0.29916
3	55.208	56.693	57.867	0.79394	54.88	56.491	57.633	0.80567	-0.4169	-0.20181	-0.0588	0.11289
10	55.104	56.266	57.605	0.75204	54.584	55.855	57.08	0.79595	-0.6505	-0.41084	-0.1321	0.14904
30	54.84	56.49	59.181	1.349	54.287	55.754	58.546	1.3125	-1.0885	-0.73672	-0.5046	0.19819
50	55.279	56.52	57.156	0.55593	54.212	55.603	56.278	0.59078	-1.1595	-0.91711	-0.3282	0.27317
100	55.687	56.762	58.128	0.83854	52.953	55.056	56.305	1.2774	-2.7335	-1.7063	0.074	0.82464

Device Test: 15.11 VLDO|V_VLDO/VLDO/12/12/0/0/5/500kHz//@V_LDO_5





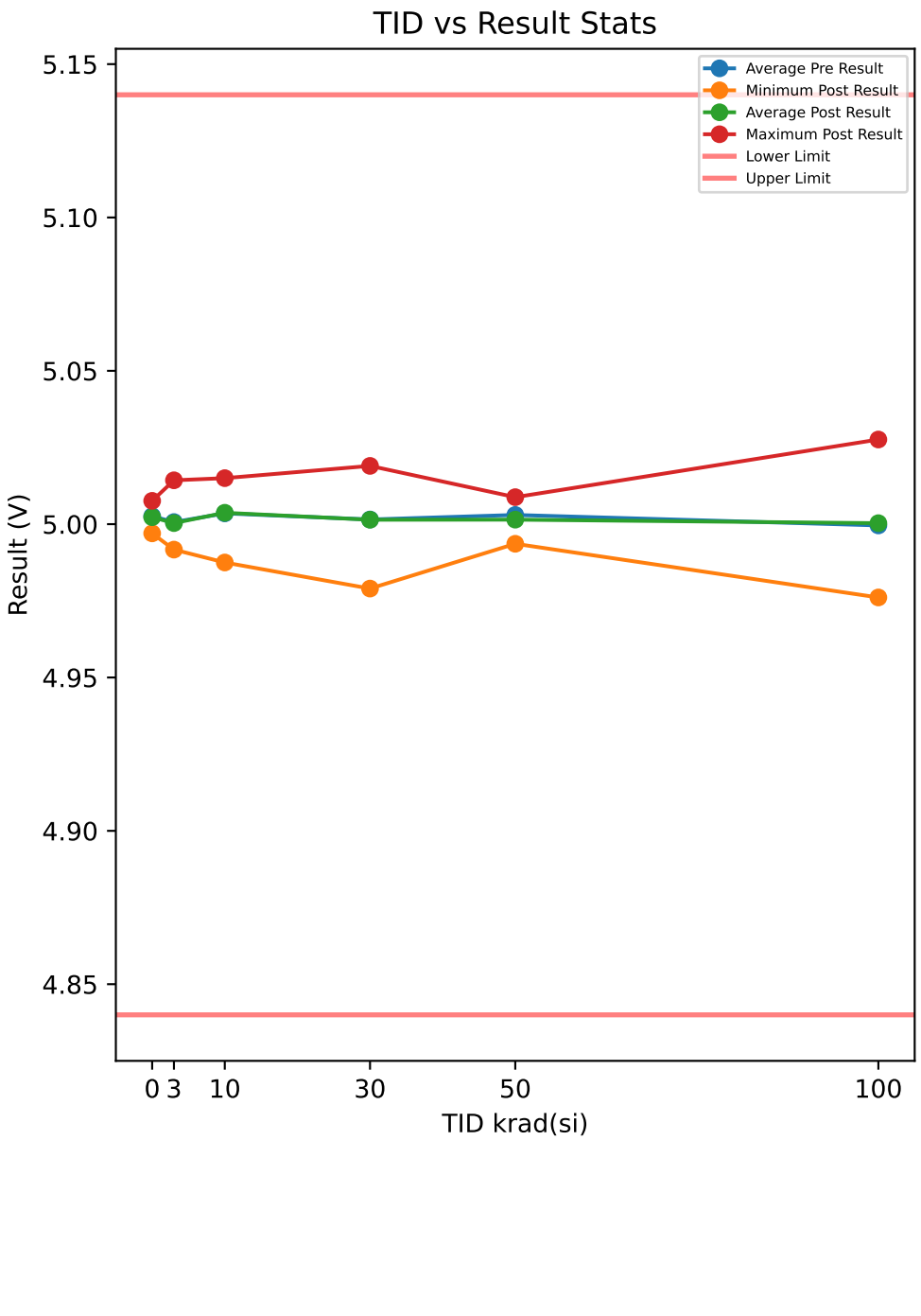
Test Results (Lower Limit = 4.84, Upper Limit = 5.14 (V))

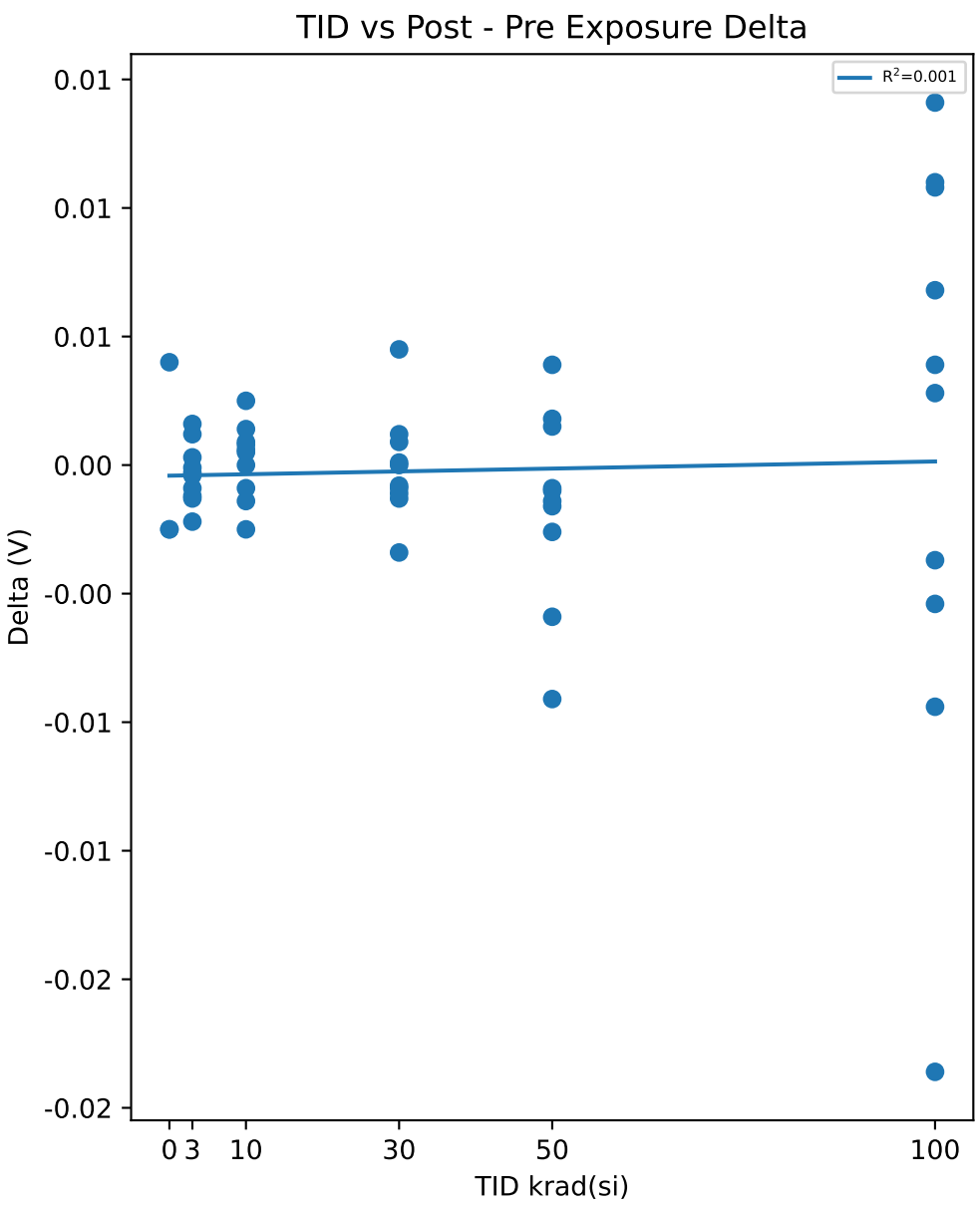
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.9975	4.9971	-0.0004
2	3	HDR BIAS	4.9911	4.9914	0.0003
3	3	HDR BIAS	5.0004	4.9995	-0.0009
4	3	HDR BIAS	5.0046	5.0042	-0.0004
5	3	HDR BIAS	5.0049	5.0048	-0.0001
6	3	HDR UNBIAS	5.0052	5.0032	-0.002
7	3	HDR UNBIAS	4.9953	4.994	-0.0013
8	3	HDR UNBIAS	5.0123	5.014	0.0017
9	3	HDR UNBIAS	4.9988	4.9999	0.0011
10	3	HDR UNBIAS	4.9934	4.992	-0.0014
11	10	HDR BIAS	5.0134	5.0147	0.0013
12	10	HDR BIAS	5.0024	5.0016	-0.0008
13	10	HDR BIAS	5.0109	5.0115	0.0006
14	10	HDR BIAS	4.9981	4.9991	0.001
15	10	HDR BIAS	4.9862	4.9872	0.001
16	10	HDR UNBIAS	4.9997	4.9984	-0.0013
17	10	HDR UNBIAS	5.0059	5.0065	0.0006
18	10	HDR UNBIAS	5.004	5.0064	0.0024
19	10	HDR UNBIAS	4.9996	4.9972	-0.0024
20	10	HDR UNBIAS	5.0115	5.0116	0.0001
31	30	HDR BIAS	5.0095	5.0086	-0.0009
32	30	HDR BIAS	5.0104	5.0103	-0.0001
33	30	HDR BIAS	4.9822	4.9787	-0.0035
34	30	HDR BIAS	5.0008	5.0009	0.0001
35	30	HDR BIAS	4.99	4.9944	0.0044
36	30	HDR UNBIAS	4.9931	4.994	0.0009
37	30	HDR UNBIAS	5.02	5.0187	-0.0013
38	30	HDR UNBIAS	5.0032	5.0021	-0.0011
39	30	HDR UNBIAS	5.0007	5.002	0.0013
40	30	HDR UNBIAS	5.0021	5.0014	-0.0007
41	50	HDR BIAS	5.0028	4.9968	-0.006
42	50	HDR BIAS	4.9985	4.9976	-0.0009
43	50	HDR BIAS	5.0041	5.0028	-0.0013
44	50	HDR BIAS	5.0007	5.0023	0.0016
45	50	HDR BIAS	4.9948	4.9932	-0.0016
46	50	HDR UNBIAS	5.0041	5.008	0.0039
47	50	HDR UNBIAS	5.005	5.0039	-0.0011
48	50	HDR UNBIAS	4.9984	4.9958	-0.0026
49	50	HDR UNBIAS	5.0116	5.0025	-0.0091
50	50	HDR UNBIAS	5.0067	5.0084	0.0017
51	100	HDR BIAS	5.0245	5.0273	0.0028
52	100	HDR BIAS	4.9962	4.9923	-0.0039
53	100	HDR BIAS	4.9994	4.9758	-0.0236
54	100	HDR BIAS	4.9919	4.9823	-0.0096
55	100	HDR BIAS	5.0049	5.0188	0.0139
56	100	HDR UNBIAS	4.9853	4.9918	0.0065
57	100	HDR UNBIAS	4.9845	4.9885	0.004
58	100	HDR UNBIAS	4.9846	4.9791	-0.0055
59	100	HDR UNBIAS	5.0096	5.0205	0.0109
60	100	HDR UNBIAS	5.012	5.0226	0.0106
71	0	CORRELATION	4.9992	4.9967	-0.0025
72	0	CORRELATION	5.0034	5.0073	0.0039
73	0	CORRELATION	5.0044	5.002	-0.0024

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	4.9992	5.0023	5.0044	0.0027592	4.9967	5.002	5.0073	0.0053	-0.0025	-0.00033333	0.0039	0.0036665
3	4.9911	5.0004	5.0123	0.0064548	4.9914	5	5.014	0.0069085	-0.002	-0.00034	0.0017	0.0011462
10	4.9862	5.0032	5.0134	0.0080347	4.9872	5.0034	5.0147	0.008345	-0.0024	0.00025	0.0024	0.0014002
30	4.9822	5.0012	5.02	0.010874	4.9787	5.0011	5.0187	0.010799	-0.0035	-9e-05	0.0044	0.0020615
50	4.9948	5.0027	5.0116	0.0047954	4.9932	5.0011	5.0084	0.0051236	-0.0091	-0.00154	0.0039	0.0037828
100	4.9845	4.9993	5.0245	0.013455	4.9758	4.9999	5.0273	0.020067	-0.0236	0.00061	0.0139	0.011457

Device Test: 15.12 VLDO|V_VLDO/VLDO/14/14/0/0/5/500kHz//@V_LDO_5





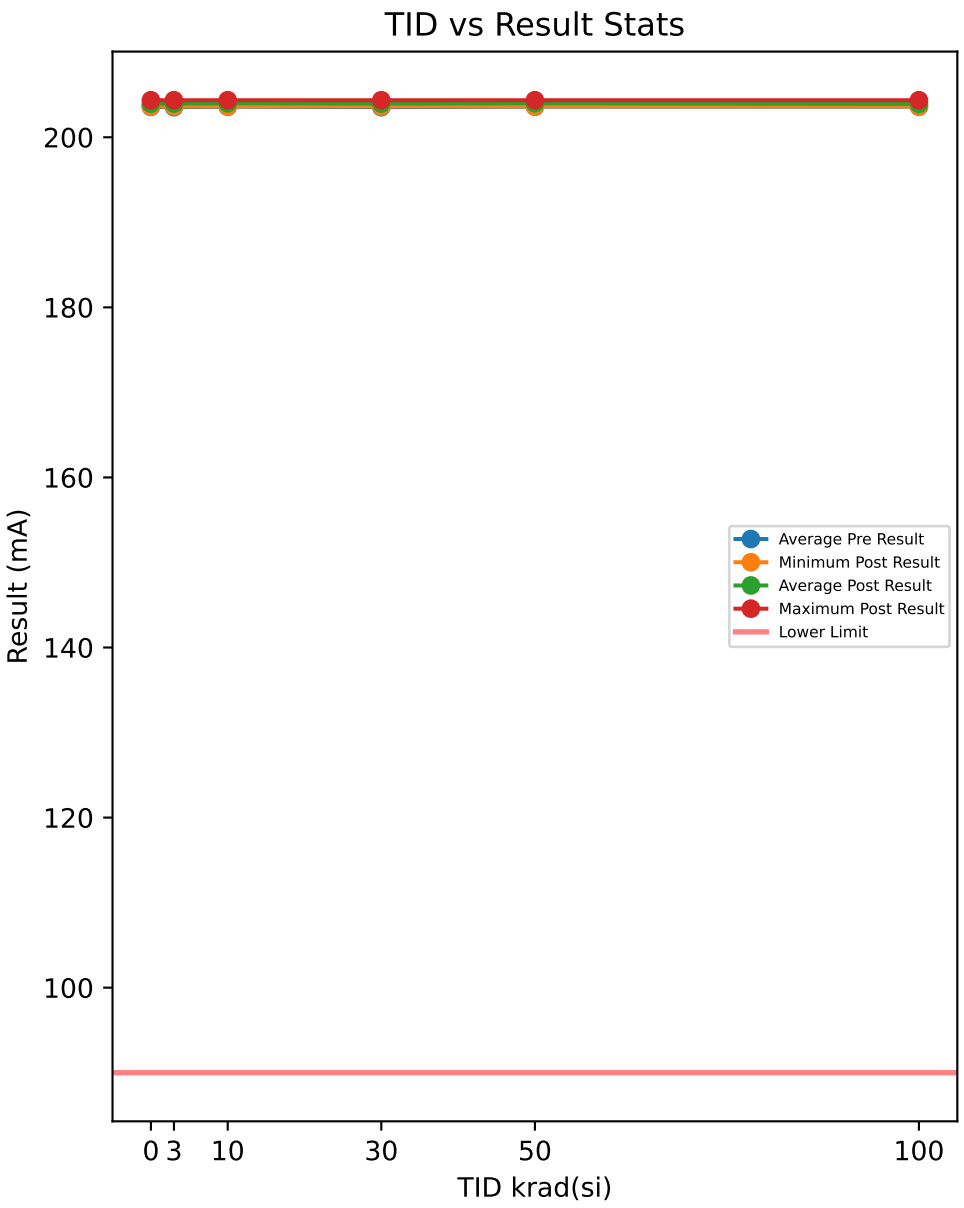
Test Results (Lower Limit = 4.84, Upper Limit = 5.14 (V))

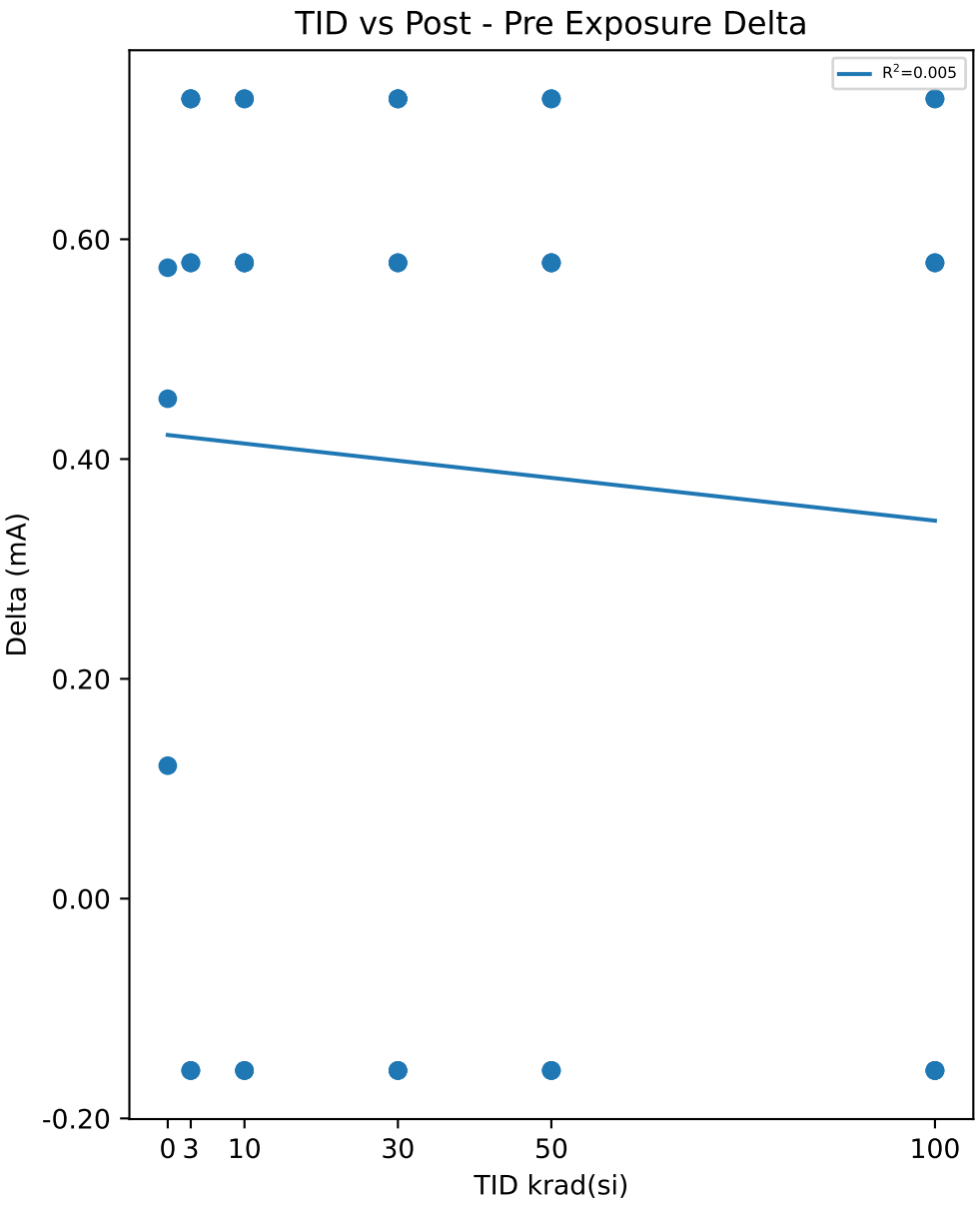
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.9979	4.9975	-0.0004
2	3	HDR BIAS	4.9914	4.9917	0.0003
3	3	HDR BIAS	5.0007	4.9998	-0.0009
4	3	HDR BIAS	5.0049	5.0046	-0.0003
5	3	HDR BIAS	5.0052	5.0051	-0.0001
6	3	HDR UNBIAS	5.0057	5.0035	-0.0022
7	3	HDR UNBIAS	4.9955	4.9943	-0.0012
8	3	HDR UNBIAS	5.0127	5.0143	0.0016
9	3	HDR UNBIAS	4.9991	5.0003	0.0012
10	3	HDR UNBIAS	4.9937	4.9924	-0.0013
11	10	HDR BIAS	5.0136	5.015	0.0014
12	10	HDR BIAS	5.0028	5.0019	-0.0009
13	10	HDR BIAS	5.0113	5.0118	0.0005
14	10	HDR BIAS	4.9985	4.9993	0.0008
15	10	HDR BIAS	4.9866	4.9875	0.0009
16	10	HDR UNBIAS	5	4.9986	-0.0014
17	10	HDR UNBIAS	5.0062	5.0068	0.0006
18	10	HDR UNBIAS	5.0043	5.0068	0.0025
19	10	HDR UNBIAS	5	4.9975	-0.0025
20	10	HDR UNBIAS	5.0119	5.0119	0
31	30	HDR BIAS	5.0098	5.0089	-0.0009
32	30	HDR BIAS	5.0106	5.0106	0
33	30	HDR BIAS	4.9824	4.979	-0.0034
34	30	HDR BIAS	5.0012	5.0013	0.0001
35	30	HDR BIAS	4.9902	4.9947	0.0045
36	30	HDR UNBIAS	4.9935	4.9944	0.0009
37	30	HDR UNBIAS	5.0203	5.019	-0.0013
38	30	HDR UNBIAS	5.0036	5.0025	-0.0011
39	30	HDR UNBIAS	5.0011	5.0023	0.0012
40	30	HDR UNBIAS	5.0025	5.0017	-0.0008
41	50	HDR BIAS	5.003	4.9971	-0.0059
42	50	HDR BIAS	4.9988	4.9979	-0.0009
43	50	HDR BIAS	5.0045	5.0031	-0.0014
44	50	HDR BIAS	5.0011	5.0026	0.0015
45	50	HDR BIAS	4.9952	4.9936	-0.0016
46	50	HDR UNBIAS	5.0044	5.0083	0.0039
47	50	HDR UNBIAS	5.0053	5.0043	-0.001
48	50	HDR UNBIAS	4.9987	4.9961	-0.0026
49	50	HDR UNBIAS	5.012	5.0029	-0.0091
50	50	HDR UNBIAS	5.007	5.0088	0.0018
51	100	HDR BIAS	5.0248	5.0276	0.0028
52	100	HDR BIAS	4.9965	4.9928	-0.0037
53	100	HDR BIAS	4.9997	4.9761	-0.0236
54	100	HDR BIAS	4.9921	4.9827	-0.0094
55	100	HDR BIAS	5.0052	5.0193	0.0141
56	100	HDR UNBIAS	4.9856	4.9924	0.0068
57	100	HDR UNBIAS	4.9849	4.9888	0.0039
58	100	HDR UNBIAS	4.9848	4.9794	-0.0054
59	100	HDR UNBIAS	5.01	5.021	0.011
60	100	HDR UNBIAS	5.0123	5.0231	0.0108
71	0	CORRELATION	4.9995	4.997	-0.0025
72	0	CORRELATION	5.0036	5.0076	0.004
73	0	CORRELATION	5.0047	5.0022	-0.0025

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	4.9995	5.0026	5.0047	0.0027404	4.997	5.0023	5.0076	0.0053003	-0.0025	-0.00033333	0.004	0.0037528
3	4.9914	5.0007	5.0127	0.0064963	4.9917	5.0004	5.0143	0.0068977	-0.0022	-0.00033	0.0016	0.0011567
10	4.9866	5.0035	5.0136	0.0080065	4.9875	5.0037	5.015	0.0083616	-0.0025	0.00019	0.0025	0.0014502
30	4.9824	5.0015	5.0203	0.01089	4.979	5.0014	5.019	0.010793	-0.0034	-8e-05	0.0045	0.0020644
50	4.9952	5.003	5.012	0.0047968	4.9936	5.0015	5.0088	0.0051314	-0.0091	-0.00153	0.0039	0.0037713
100	4.9848	4.9996	5.0248	0.01347	4.9761	5.0003	5.0276	0.020105	-0.0236	0.00073	0.0141	0.011492

Device Test: 15.13 VLDO|ILIM_VLDO/VLDO/14/14/0/0/5/500kHz//@V_LDO_ILIM_5_7





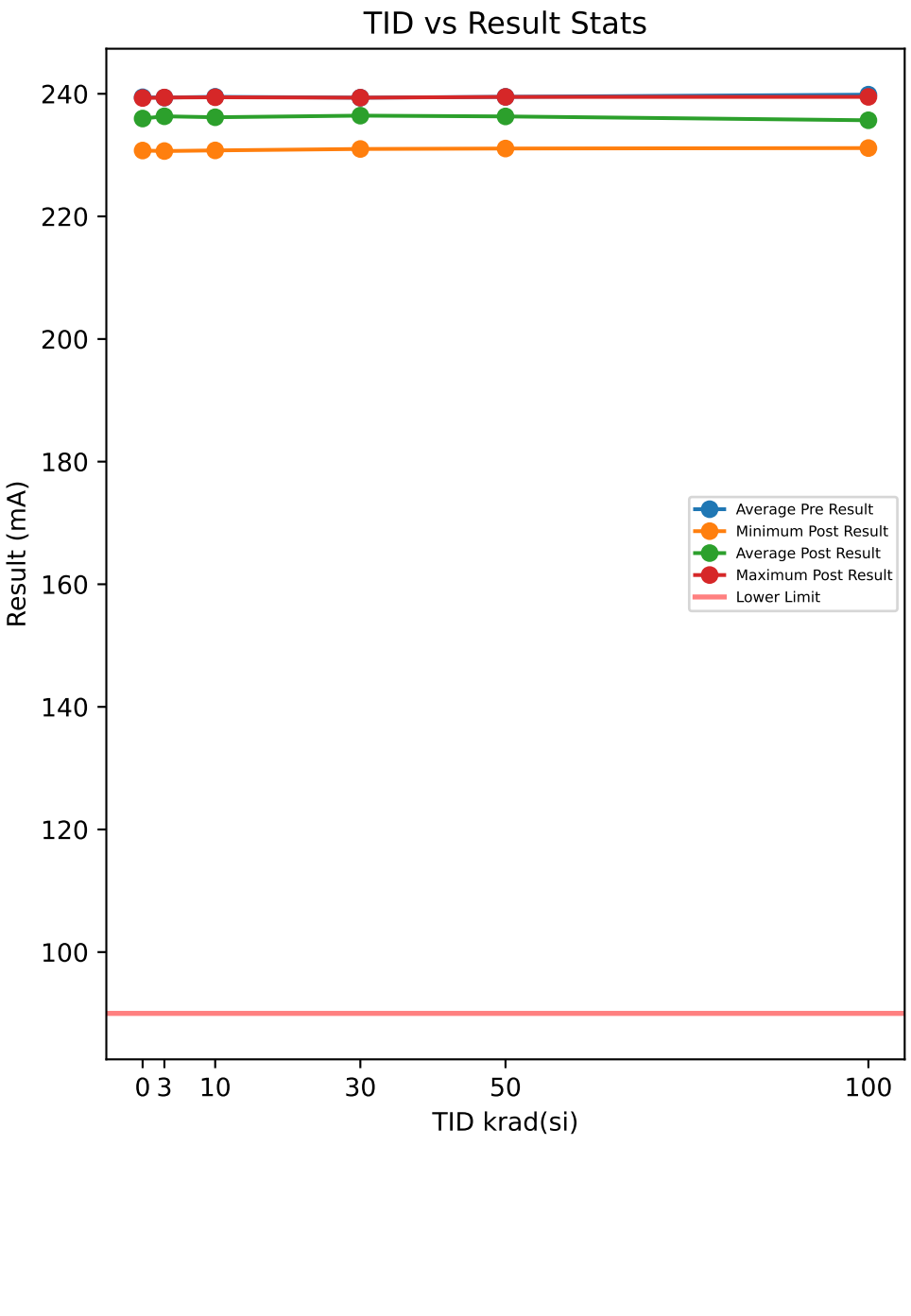
Test Results (Lower Limit = 90.0 (mA))

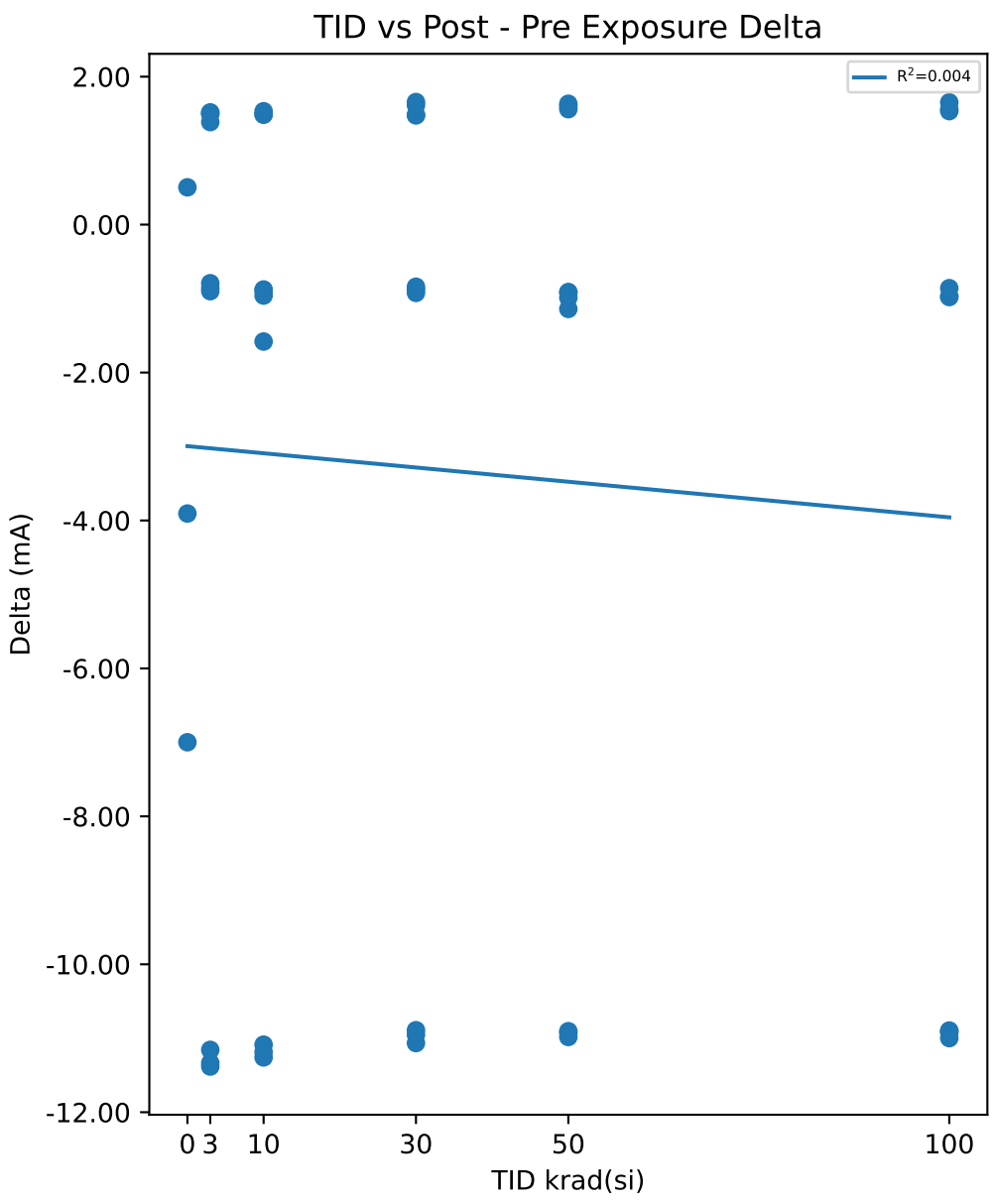
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	203.18	203.9	0.7278
2	3	HDR BIAS	203.78	204.36	0.5786
3	3	HDR BIAS	203.79	203.63	-0.1564
4	3	HDR BIAS	203.18	203.9	0.7278
5	3	HDR BIAS	203.78	204.36	0.5786
6	3	HDR UNBIAS	203.79	203.63	-0.1564
7	3	HDR UNBIAS	203.18	203.9	0.7278
8	3	HDR UNBIAS	203.78	204.36	0.5786
9	3	HDR UNBIAS	203.79	203.63	-0.1564
10	3	HDR UNBIAS	203.18	203.9	0.7278
11	10	HDR BIAS	203.78	204.36	0.5786
12	10	HDR BIAS	203.79	203.63	-0.1564
13	10	HDR BIAS	203.18	203.9	0.7278
14	10	HDR BIAS	203.78	204.36	0.5786
15	10	HDR BIAS	203.79	203.63	-0.1564
16	10	HDR UNBIAS	203.18	203.9	0.7278
17	10	HDR UNBIAS	203.78	204.36	0.5786
18	10	HDR UNBIAS	203.79	203.63	-0.1564
19	10	HDR UNBIAS	203.18	203.9	0.7278
20	10	HDR UNBIAS	203.78	204.36	0.5786
31	30	HDR BIAS	203.18	203.9	0.7278
32	30	HDR BIAS	203.78	204.36	0.5786
33	30	HDR BIAS	203.79	203.63	-0.1564
34	30	HDR BIAS	203.18	203.9	0.7278
35	30	HDR BIAS	203.78	204.36	0.5786
36	30	HDR UNBIAS	203.79	203.63	-0.1564
37	30	HDR UNBIAS	203.18	203.9	0.7278
38	30	HDR UNBIAS	203.78	204.36	0.5786
39	30	HDR UNBIAS	203.79	203.63	-0.1564
40	30	HDR UNBIAS	203.18	203.9	0.7278
41	50	HDR BIAS	203.78	204.36	0.5786
42	50	HDR BIAS	203.79	203.63	-0.1564
43	50	HDR BIAS	203.18	203.9	0.7278
44	50	HDR BIAS	203.78	204.36	0.5786
45	50	HDR BIAS	203.79	203.63	-0.1564
46	50	HDR UNBIAS	203.18	203.9	0.7278
47	50	HDR UNBIAS	203.78	204.36	0.5786
48	50	HDR UNBIAS	203.79	203.63	-0.1564
49	50	HDR UNBIAS	203.18	203.9	0.7278
50	50	HDR UNBIAS	203.78	204.36	0.5786
51	100	HDR BIAS	203.79	203.63	-0.1564
52	100	HDR BIAS	203.18	203.9	0.7278
53	100	HDR BIAS	203.78	204.36	0.5786
54	100	HDR BIAS	203.79	203.63	-0.1564
55	100	HDR BIAS	203.18	203.9	0.7278
56	100	HDR UNBIAS	203.78	204.36	0.5786
57	100	HDR UNBIAS	203.79	203.63	-0.1564
58	100	HDR UNBIAS	203.18	203.9	0.7278
59	100	HDR UNBIAS	203.78	204.36	0.5786
60	100	HDR UNBIAS	203.79	203.63	-0.1564
71	0	CORRELATION	203.78	203.9	0.121
72	0	CORRELATION	203.79	204.36	0.5741
73	0	CORRELATION	203.18	203.63	0.4549

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	203.18	203.58	203.79	0.35164	203.63	203.96	204.36	0.36912	0.121	0.38333	0.5741	0.23487
3	203.18	203.54	203.79	0.31452	203.63	203.96	204.36	0.30201	-0.1564	0.41778	0.7278	0.40154
10	203.18	203.6	203.79	0.29405	203.63	204	204.36	0.32637	-0.1564	0.40286	0.7278	0.39138
30	203.18	203.54	203.79	0.31452	203.63	203.96	204.36	0.30201	-0.1564	0.41778	0.7278	0.40154
50	203.18	203.6	203.79	0.29405	203.63	204	204.36	0.32637	-0.1564	0.40286	0.7278	0.39138
100	203.18	203.6	203.79	0.29436	203.63	203.93	204.36	0.31941	-0.1564	0.32936	0.7278	0.42249

Device Test: 15.14 VLDO|ILIM_VLDO_SWEEP/VLDO/14/14/0/0/5/500kHz//@V_LDO_ILIM_5_7





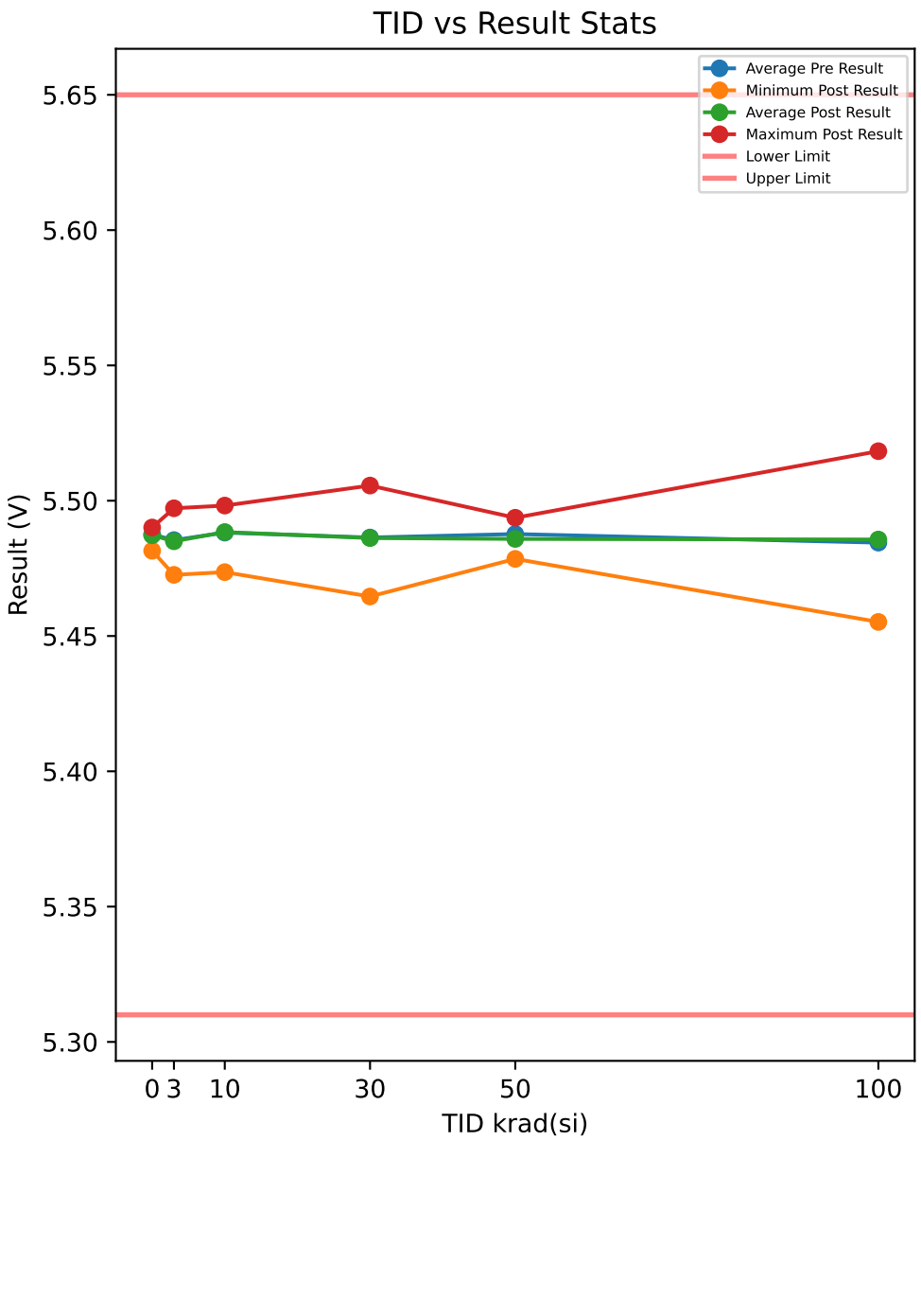
Test Results (Lower Limit = 90.0 (mA))

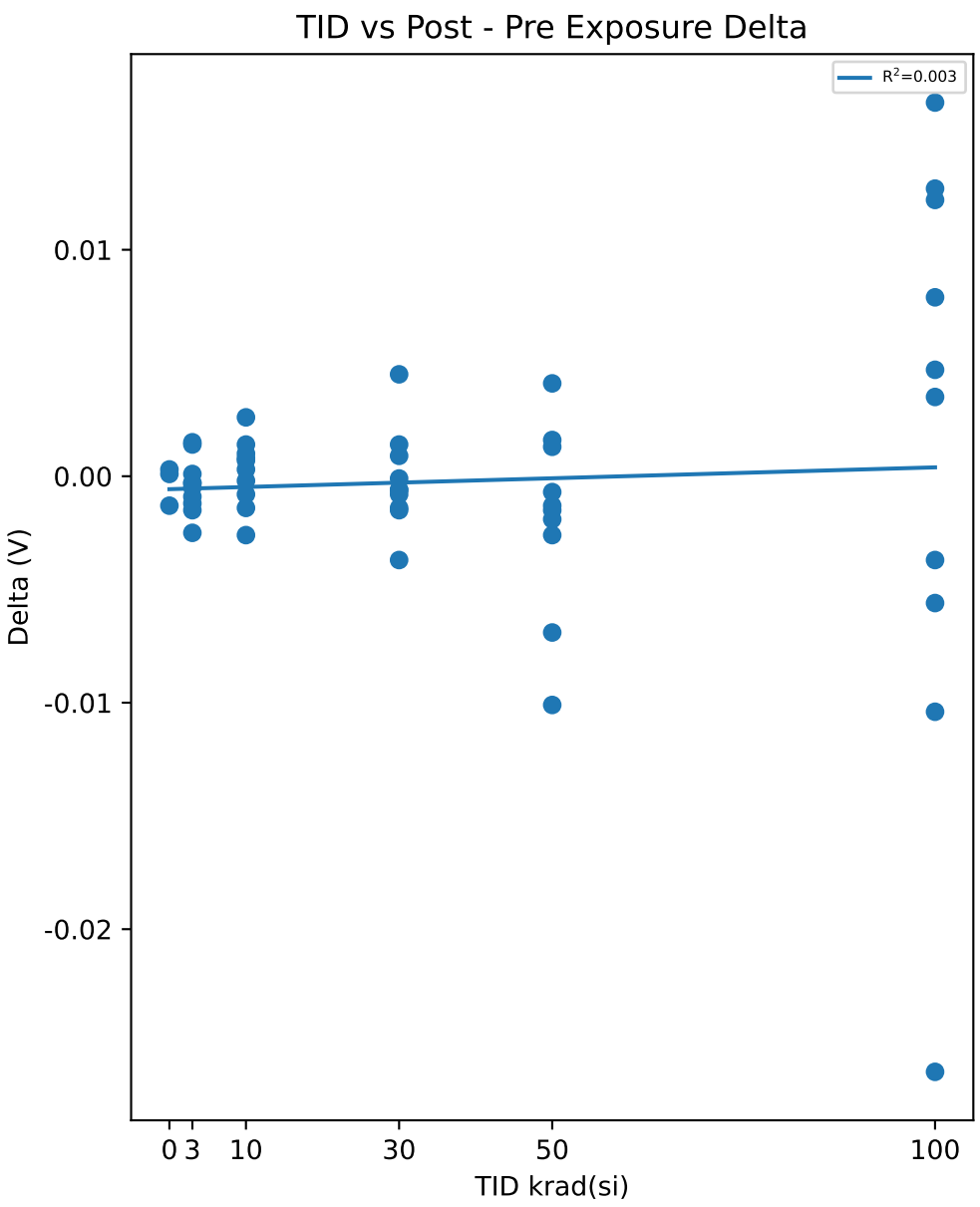
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	237.9	239.28	1.386
2	3	HDR BIAS	238.72	237.82	-0.9
3	3	HDR BIAS	242.17	230.79	-11.382
4	3	HDR BIAS	237.83	239.33	1.4919
5	3	HDR BIAS	238.69	237.9	-0.7922
6	3	HDR UNBIAS	241.99	230.66	-11.334
7	3	HDR UNBIAS	237.84	239.35	1.5158
8	3	HDR UNBIAS	238.81	237.95	-0.8557
9	3	HDR UNBIAS	241.96	230.81	-11.157
10	3	HDR UNBIAS	237.87	239.39	1.5135
11	10	HDR BIAS	238.93	237.97	-0.9593
12	10	HDR BIAS	241.95	230.76	-11.185
13	10	HDR BIAS	237.88	239.41	1.5326
14	10	HDR BIAS	238.78	237.9	-0.8773
15	10	HDR BIAS	242.05	230.79	-11.259
16	10	HDR UNBIAS	237.88	239.37	1.4929
17	10	HDR UNBIAS	238.78	237.89	-0.8919
18	10	HDR UNBIAS	242.09	231	-11.087
19	10	HDR UNBIAS	237.95	239.43	1.4853
20	10	HDR UNBIAS	238.77	237.19	-1.5807
31	30	HDR BIAS	237.71	239.36	1.6569
32	30	HDR BIAS	238.81	237.93	-0.879
33	30	HDR BIAS	242.06	231	-11.065
34	30	HDR BIAS	237.74	239.36	1.6138
35	30	HDR BIAS	238.7	237.86	-0.8399
36	30	HDR UNBIAS	242.08	231.13	-10.953
37	30	HDR UNBIAS	237.84	239.32	1.4766
38	30	HDR UNBIAS	238.79	237.87	-0.9231
39	30	HDR UNBIAS	242.12	231.23	-10.891
40	30	HDR UNBIAS	237.82	239.3	1.4836
41	50	HDR BIAS	238.76	237.85	-0.9119
42	50	HDR BIAS	242.12	231.2	-10.921
43	50	HDR BIAS	237.83	239.43	1.601
44	50	HDR BIAS	238.87	237.88	-0.9882
45	50	HDR BIAS	242.03	231.13	-10.905
46	50	HDR UNBIAS	237.81	239.37	1.5605
47	50	HDR UNBIAS	238.87	237.73	-1.14
48	50	HDR UNBIAS	242.05	231.07	-10.983
49	50	HDR UNBIAS	237.86	239.49	1.6336
50	50	HDR UNBIAS	238.85	237.93	-0.9175
51	100	HDR BIAS	242.07	231.17	-10.895
52	100	HDR BIAS	237.75	239.31	1.5618
53	100	HDR BIAS	238.9	237.92	-0.979
54	100	HDR BIAS	242.14	231.15	-10.998
55	100	HDR BIAS	237.84	239.5	1.6522
56	100	HDR UNBIAS	238.93	237.96	-0.9704
57	100	HDR UNBIAS	242.11	231.2	-10.909
58	100	HDR UNBIAS	237.92	239.46	1.5342
59	100	HDR UNBIAS	238.76	237.9	-0.8593
60	100	HDR UNBIAS	242.15	231.23	-10.915
71	0	CORRELATION	238.81	239.31	0.504
72	0	CORRELATION	241.74	237.83	-3.9061
73	0	CORRELATION	237.74	230.74	-6.9982

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	237.74	239.43	241.74	2.0701	230.74	235.96	239.31	4.5804	-6.9982	-3.4668	0.504	3.7703
3	237.83	239.38	242.17	1.8789	230.66	236.33	239.39	3.8996	-11.382	-3.0514	1.5158	5.7763
10	237.88	239.51	242.09	1.7886	230.76	236.17	239.43	3.7482	-11.259	-3.3329	1.5326	5.5325
30	237.71	239.37	242.12	1.9259	231	236.44	239.36	3.7247	-11.065	-2.932	1.6569	5.6481
50	237.81	239.51	242.12	1.8234	231.07	236.31	239.49	3.6379	-10.983	-3.1972	1.6336	5.4591
100	237.75	239.86	242.15	1.9904	231.15	235.68	239.5	3.9143	-10.998	-4.1779	1.6522	5.9014

Device Test: 15.15 VLDO|V_VLDO/VLDO/6/6/0/0/5.5/500kHz//@V_LDO_5P5





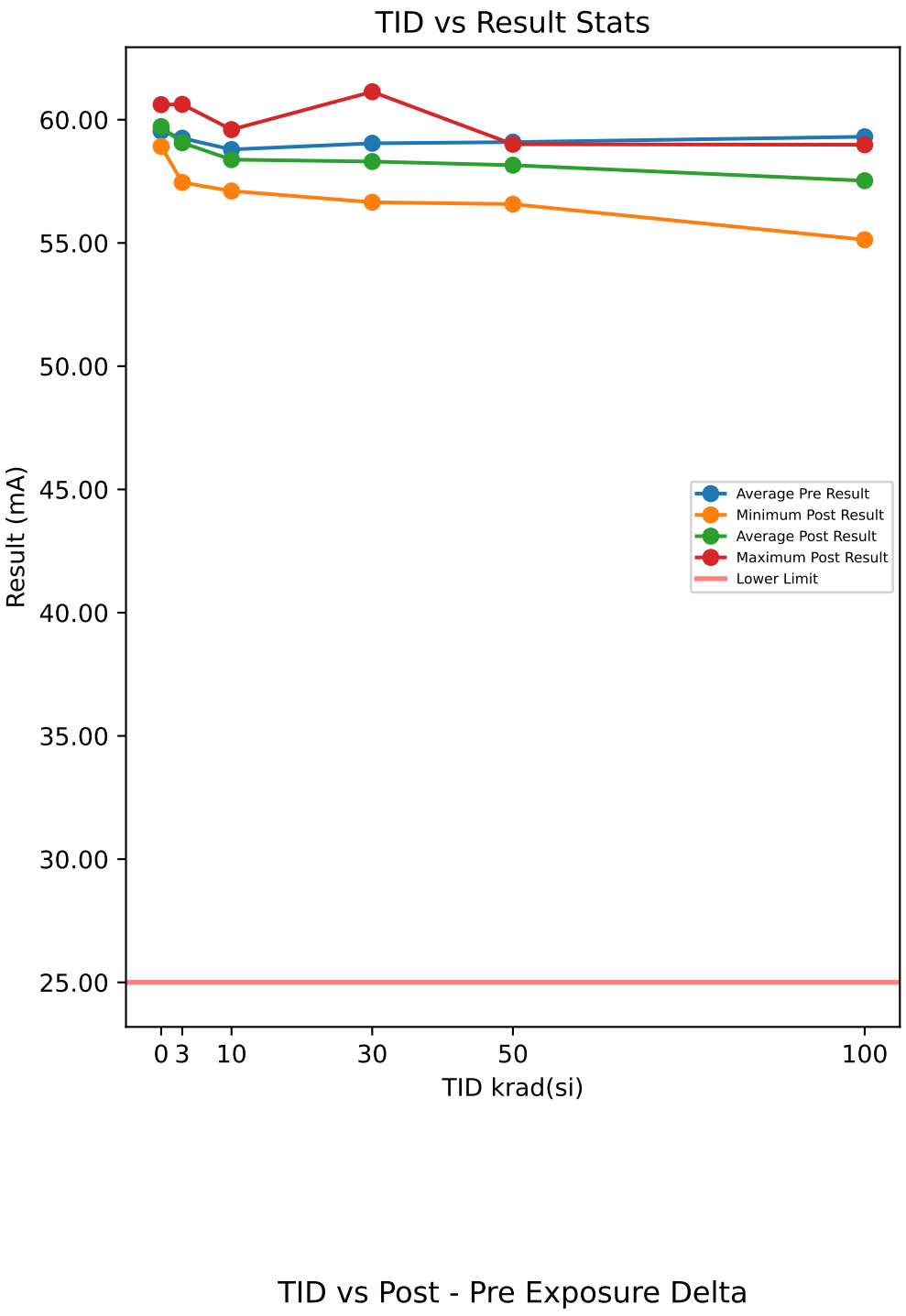
Test Results (Lower Limit = 5.31, Upper Limit = 5.65 (V))

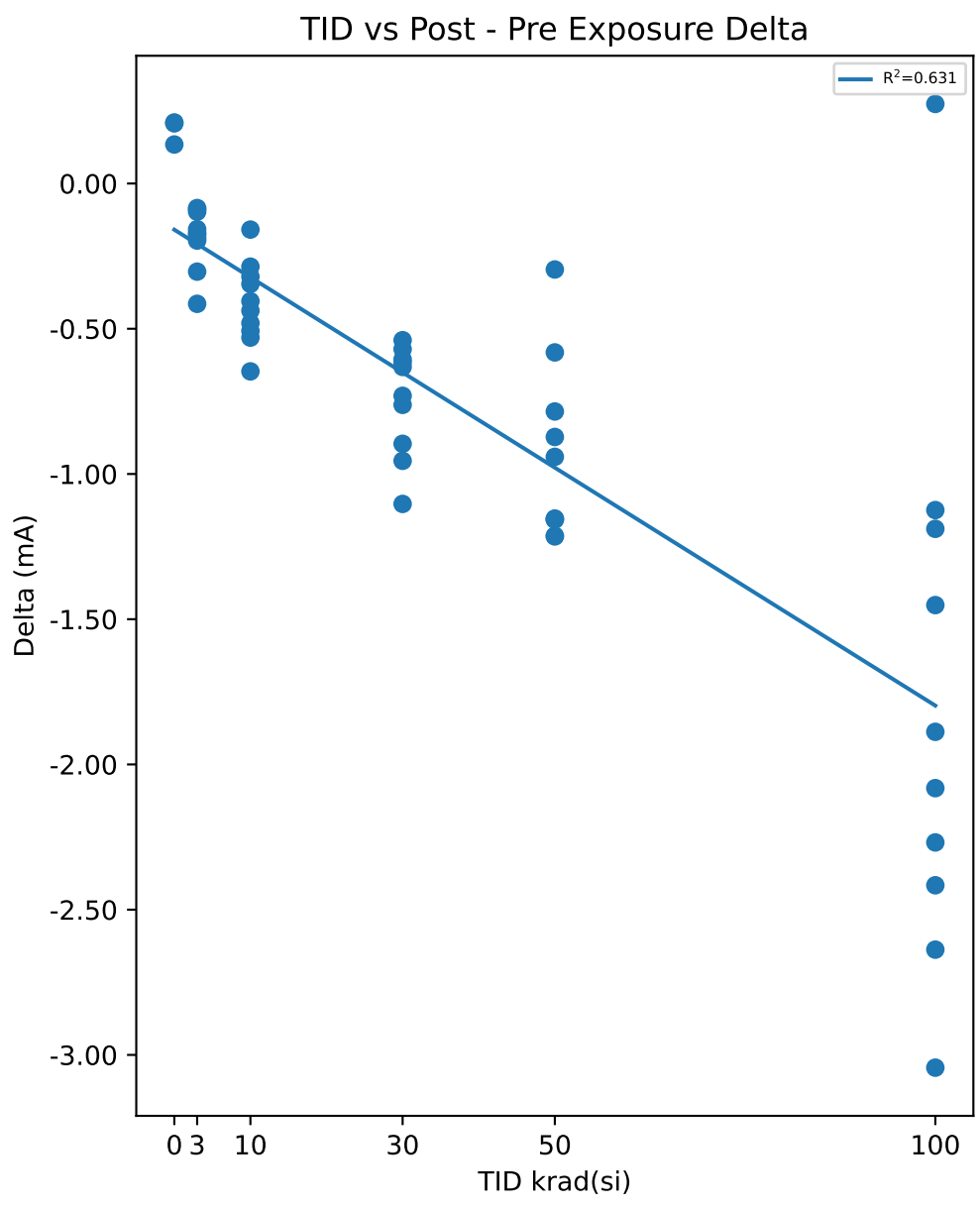
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	5.4824	5.4819	-0.0005
2	3	HDR BIAS	5.4725	5.4726	0.0001
3	3	HDR BIAS	5.4881	5.4872	-0.0009
4	3	HDR BIAS	5.4901	5.4898	-0.0003
5	3	HDR BIAS	5.4877	5.4874	-0.0003
6	3	HDR UNBIAS	5.4938	5.4913	-0.0025
7	3	HDR UNBIAS	5.4797	5.4785	-0.0012
8	3	HDR UNBIAS	5.4958	5.4972	0.0014
9	3	HDR UNBIAS	5.4863	5.4878	0.0015
10	3	HDR UNBIAS	5.4779	5.4764	-0.0015
11	10	HDR BIAS	5.4968	5.4982	0.0014
12	10	HDR BIAS	5.4903	5.4895	-0.0008
13	10	HDR BIAS	5.497	5.4977	0.0007
14	10	HDR BIAS	5.4801	5.4809	0.0008
15	10	HDR BIAS	5.4726	5.4736	0.001
16	10	HDR UNBIAS	5.4847	5.4833	-0.0014
17	10	HDR UNBIAS	5.4888	5.4891	0.0003
18	10	HDR UNBIAS	5.4924	5.495	0.0026
19	10	HDR UNBIAS	5.4846	5.482	-0.0026
20	10	HDR UNBIAS	5.4949	5.4947	-0.0002
31	30	HDR BIAS	5.4953	5.4945	-0.0008
32	30	HDR BIAS	5.4939	5.4933	-0.0006
33	30	HDR BIAS	5.4683	5.4646	-0.0037
34	30	HDR BIAS	5.4861	5.486	-0.0001
35	30	HDR BIAS	5.4714	5.4759	0.0045
36	30	HDR UNBIAS	5.4802	5.4811	0.0009
37	30	HDR UNBIAS	5.507	5.5056	-0.0014
38	30	HDR UNBIAS	5.4859	5.4844	-0.0015
39	30	HDR UNBIAS	5.4885	5.4899	0.0014
40	30	HDR UNBIAS	5.4873	5.4867	-0.0006
41	50	HDR BIAS	5.4854	5.4785	-0.0069
42	50	HDR BIAS	5.4861	5.4854	-0.0007
43	50	HDR BIAS	5.4895	5.488	-0.0015
44	50	HDR BIAS	5.483	5.4843	0.0013
45	50	HDR BIAS	5.4821	5.4802	-0.0019
46	50	HDR UNBIAS	5.4896	5.4937	0.0041
47	50	HDR UNBIAS	5.4876	5.4863	-0.0013
48	50	HDR UNBIAS	5.4861	5.4835	-0.0026
49	50	HDR UNBIAS	5.4979	5.4878	-0.0101
50	50	HDR UNBIAS	5.4895	5.4911	0.0016
51	100	HDR BIAS	5.5148	5.5183	0.0035
52	100	HDR BIAS	5.4808	5.4771	-0.0037
53	100	HDR BIAS	5.4815	5.4552	-0.0263
54	100	HDR BIAS	5.4789	5.4685	-0.0104
55	100	HDR BIAS	5.4903	5.5068	0.0165
56	100	HDR UNBIAS	5.4662	5.4741	0.0079
57	100	HDR UNBIAS	5.4708	5.4755	0.0047
58	100	HDR UNBIAS	5.4683	5.4627	-0.0056
59	100	HDR UNBIAS	5.4928	5.505	0.0122
60	100	HDR UNBIAS	5.5006	5.5133	0.0127
71	0	CORRELATION	5.4812	5.4815	0.0003
72	0	CORRELATION	5.4914	5.4901	-0.0013
73	0	CORRELATION	5.49	5.4901	0.0001

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	5.4812	5.4875	5.4914	0.0055293	5.4815	5.4872	5.4901	0.0049652	-0.0013	-0.0003	0.0003	0.00087178
3	5.4725	5.4854	5.4958	0.0072903	5.4726	5.485	5.4972	0.0075247	-0.0025	-0.00042	0.0015	0.0012309
10	5.4726	5.4882	5.497	0.0078378	5.4736	5.4884	5.4982	0.008231	-0.0026	0.00018	0.0026	0.0014913
30	5.4683	5.4864	5.507	0.011335	5.4646	5.4862	5.5056	0.011113	-0.0037	-0.00019	0.0045	0.0021584
50	5.4821	5.4877	5.4979	0.0044472	5.4785	5.4859	5.4937	0.0046173	-0.0101	-0.0018	0.0041	0.0041242
100	5.4662	5.4845	5.5148	0.015344	5.4552	5.4856	5.5183	0.022876	-0.0263	0.00115	0.0165	0.012956

Device Test: 15.16 VLDO|ILIM_VLDO/VLDO/6/6/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_PLUS_0P5





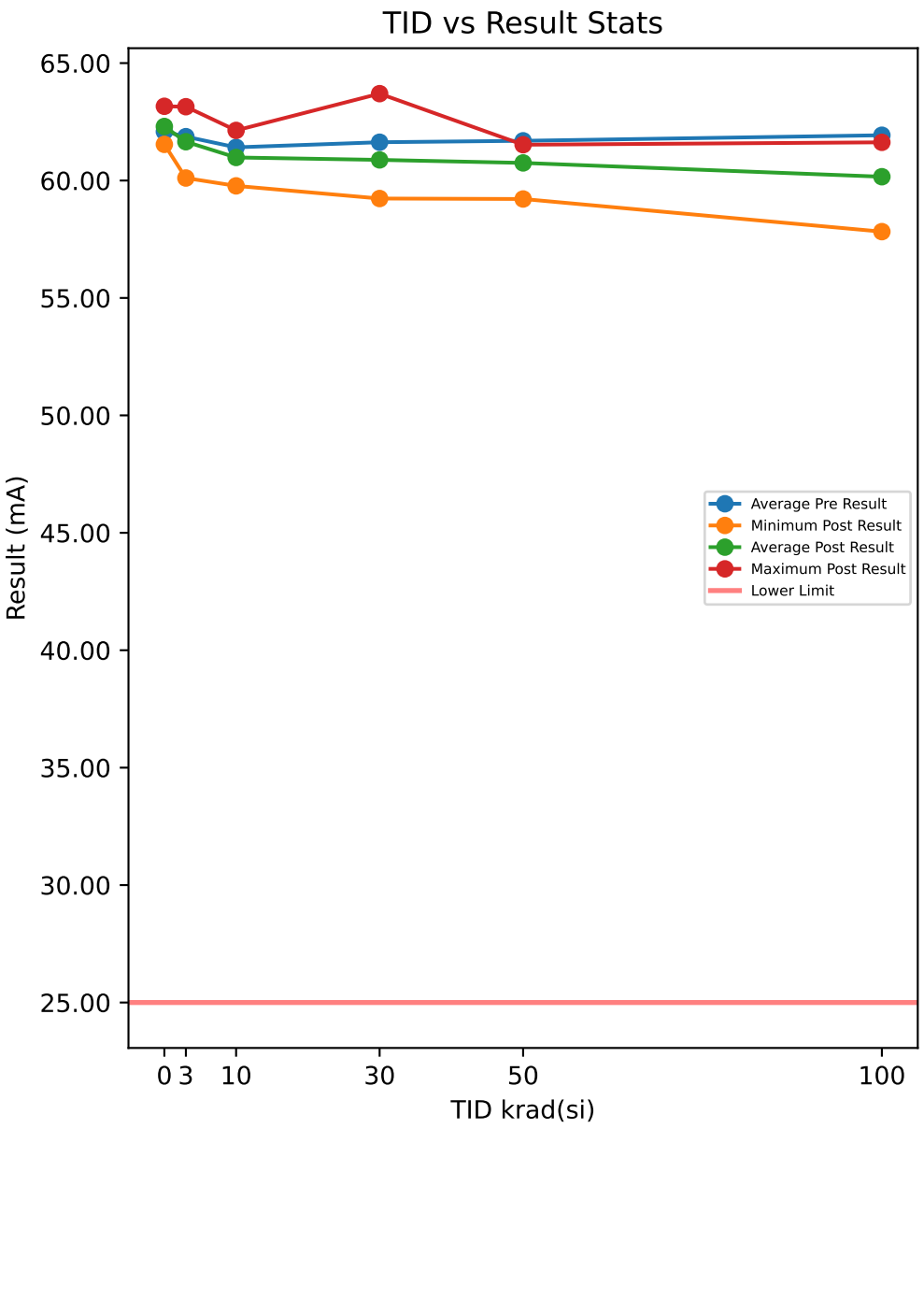
Test Results (Lower Limit = 25.0 (mA))

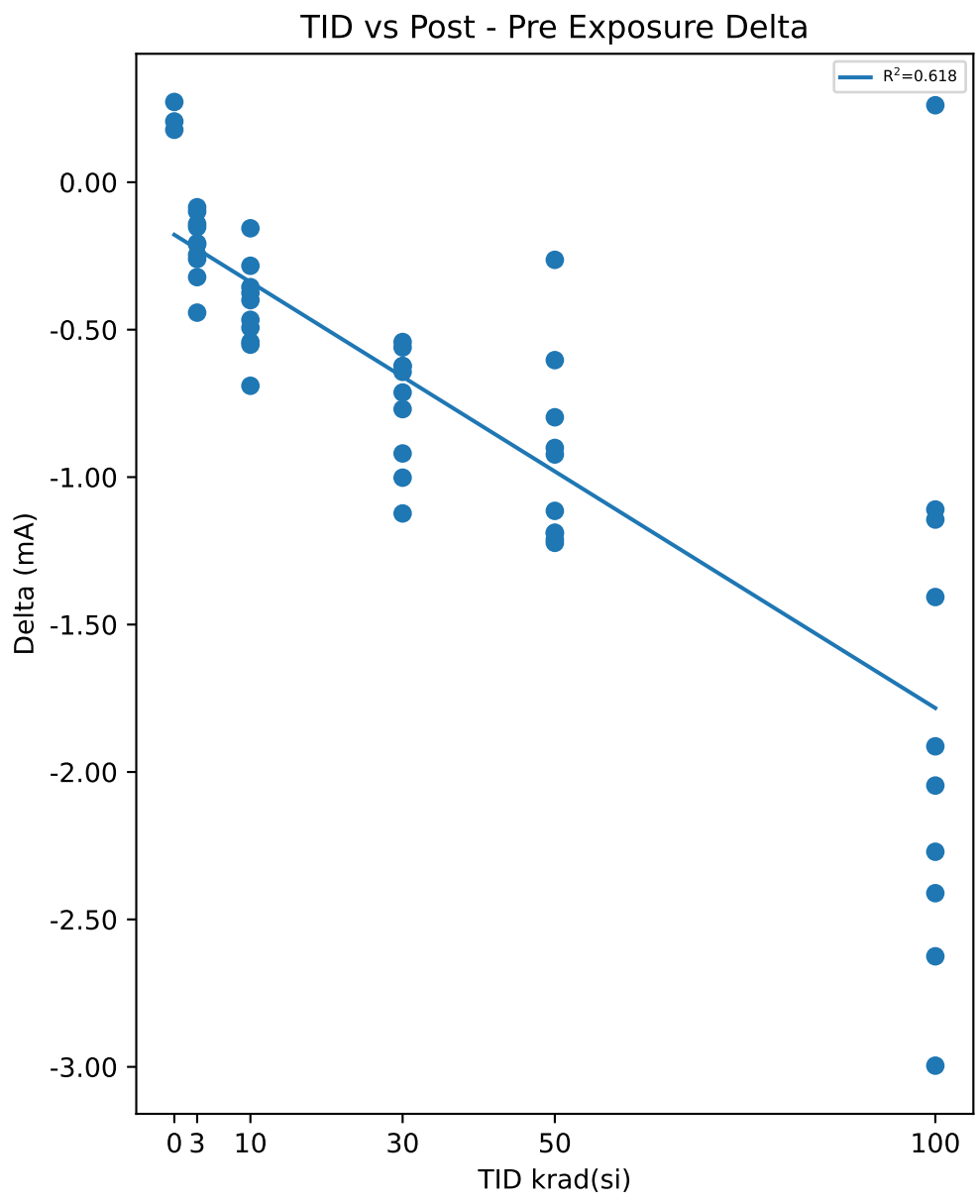
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	60.019	59.862	-0.1572
2	3	HDR BIAS	60.811	60.623	-0.1875
3	3	HDR BIAS	59.708	59.511	-0.1964
4	3	HDR BIAS	58.416	58.246	-0.1699
5	3	HDR BIAS	59.462	59.287	-0.1756
6	3	HDR UNBIAS	58.495	58.411	-0.0845
7	3	HDR UNBIAS	59.672	59.575	-0.0971
8	3	HDR UNBIAS	57.757	57.454	-0.3034
9	3	HDR UNBIAS	59.239	58.825	-0.4142
10	3	HDR UNBIAS	58.928	58.839	-0.0891
11	10	HDR BIAS	57.638	57.108	-0.5305
12	10	HDR BIAS	58.057	57.619	-0.4378
13	10	HDR BIAS	57.837	57.431	-0.4052
14	10	HDR BIAS	59.079	58.598	-0.4805
15	10	HDR BIAS	60.107	59.6	-0.5073
16	10	HDR UNBIAS	59.24	58.954	-0.2862
17	10	HDR UNBIAS	59.354	59.008	-0.3458
18	10	HDR UNBIAS	58.482	57.835	-0.6468
19	10	HDR UNBIAS	59.601	59.442	-0.1586
20	10	HDR UNBIAS	58.538	58.217	-0.3207
31	30	HDR BIAS	57.451	56.82	-0.6315
32	30	HDR BIAS	58.11	57.348	-0.762
33	30	HDR BIAS	61.74	61.135	-0.6051
34	30	HDR BIAS	60.571	59.84	-0.7309
35	30	HDR BIAS	59.971	58.868	-1.1031
36	30	HDR UNBIAS	58.962	58.066	-0.8961
37	30	HDR UNBIAS	57.222	56.652	-0.5702
38	30	HDR UNBIAS	58.464	57.849	-0.6154
39	30	HDR UNBIAS	58.969	58.015	-0.9547
40	30	HDR UNBIAS	58.972	58.432	-0.5394
41	50	HDR BIAS	59.586	59.004	-0.5815
42	50	HDR BIAS	58.503	57.347	-1.1557
43	50	HDR BIAS	59.801	58.861	-0.941
44	50	HDR BIAS	59.527	58.314	-1.2128
45	50	HDR BIAS	59.462	58.305	-1.1574
46	50	HDR UNBIAS	57.728	56.575	-1.1535
47	50	HDR UNBIAS	59.303	58.518	-0.7848
48	50	HDR UNBIAS	59.079	58.206	-0.8726
49	50	HDR UNBIAS	58.461	58.165	-0.296
50	50	HDR UNBIAS	59.467	58.252	-1.215
51	100	HDR BIAS	58.099	55.83	-2.2685
52	100	HDR BIAS	60.185	58.733	-1.4514
53	100	HDR BIAS	58.684	58.958	0.2739
54	100	HDR BIAS	59.451	58.327	-1.1243
55	100	HDR BIAS	58.175	55.131	-3.0439
56	100	HDR UNBIAS	60.164	58.082	-2.0816
57	100	HDR UNBIAS	60.603	58.716	-1.8877
58	100	HDR UNBIAS	60.173	58.984	-1.1888
59	100	HDR UNBIAS	59.263	56.846	-2.416
60	100	HDR UNBIAS	58.285	55.648	-2.6376
71	0	CORRELATION	60.404	60.611	0.2071
72	0	CORRELATION	59.432	59.642	0.2102
73	0	CORRELATION	58.782	58.916	0.1343

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	58.782	59.539	60.404	0.81634	58.916	59.723	60.611	0.85034	0.1343	0.18387	0.2102	0.042954
3	57.757	59.251	60.811	0.88545	57.454	59.063	60.623	0.90514	-0.4142	-0.18749	-0.0845	0.1026
10	57.638	58.793	60.107	0.81156	57.108	58.381	59.6	0.86979	-0.6468	-0.41194	-0.1586	0.14001
30	57.222	59.043	61.74	1.396	56.652	58.302	61.135	1.3703	-1.1031	-0.74084	-0.5394	0.1878
50	57.728	59.092	59.801	0.65524	56.575	58.155	59.004	0.71182	-1.215	-0.93703	-0.296	0.30934
100	58.099	59.308	60.603	0.95052	55.131	57.526	58.984	1.513	-3.0439	-1.7826	0.2739	0.95362

Device Test: 15.17 VLDO|ILIM_VLDO_SWEEP/VLDO/6/6/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_PLUS_0P5





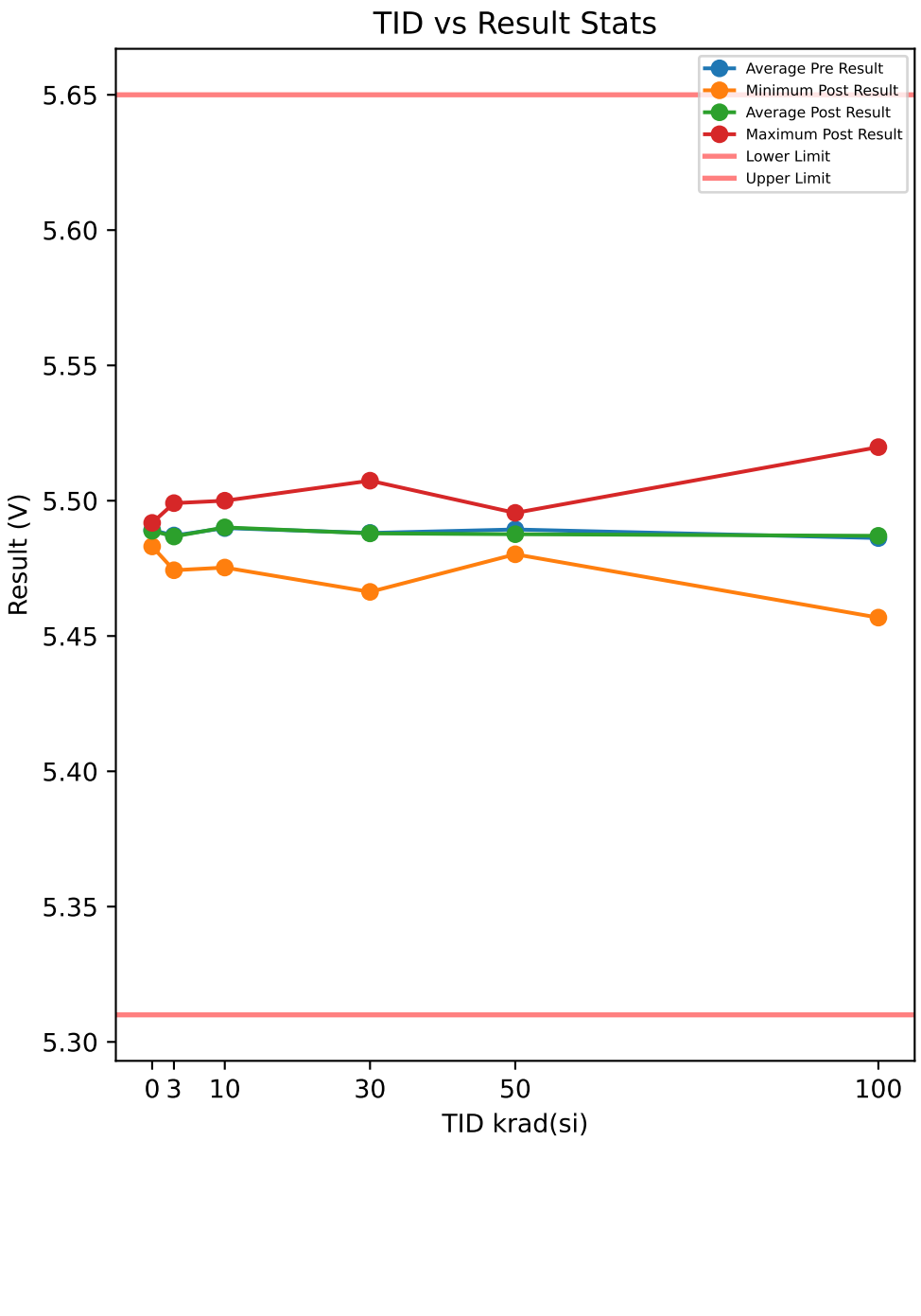
Test Results (Lower Limit = 25.0 (mA))

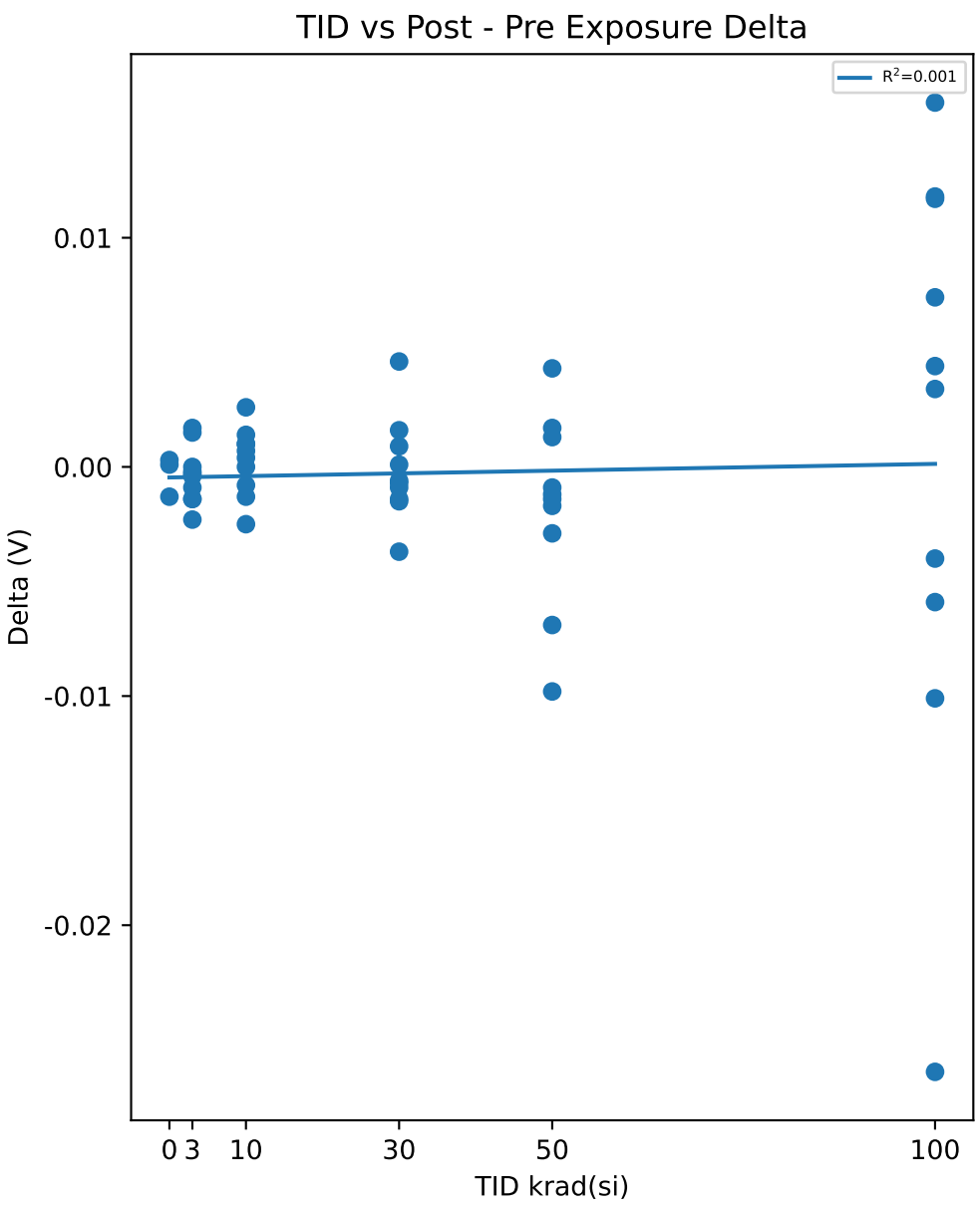
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	62.66	62.449	-0.2106
2	3	HDR BIAS	63.389	63.143	-0.246
3	3	HDR BIAS	62.382	62.121	-0.2605
4	3	HDR BIAS	61.004	60.852	-0.1521
5	3	HDR BIAS	62.063	61.856	-0.2069
6	3	HDR UNBIAS	61.123	60.981	-0.1415
7	3	HDR UNBIAS	62.281	62.181	-0.0993
8	3	HDR UNBIAS	60.428	60.106	-0.3218
9	3	HDR UNBIAS	61.778	61.336	-0.4422
10	3	HDR UNBIAS	61.577	61.493	-0.0848
11	10	HDR BIAS	60.314	59.772	-0.5417
12	10	HDR BIAS	60.669	60.203	-0.4665
13	10	HDR BIAS	60.458	60.058	-0.3999
14	10	HDR BIAS	61.677	61.184	-0.4933
15	10	HDR BIAS	62.685	62.134	-0.5509
16	10	HDR UNBIAS	61.82	61.537	-0.2833
17	10	HDR UNBIAS	61.94	61.564	-0.3754
18	10	HDR UNBIAS	61.155	60.465	-0.6903
19	10	HDR UNBIAS	62.289	62.133	-0.1562
20	10	HDR UNBIAS	61.12	60.764	-0.3557
31	30	HDR BIAS	60.01	59.367	-0.6431
32	30	HDR BIAS	60.744	59.975	-0.7694
33	30	HDR BIAS	64.323	63.699	-0.6233
34	30	HDR BIAS	63.108	62.395	-0.7131
35	30	HDR BIAS	62.515	61.392	-1.1232
36	30	HDR UNBIAS	61.589	60.669	-0.9198
37	30	HDR UNBIAS	59.794	59.233	-0.5603
38	30	HDR UNBIAS	61.024	60.401	-0.6235
39	30	HDR UNBIAS	61.68	60.678	-1.0019
40	30	HDR UNBIAS	61.52	60.978	-0.5418
41	50	HDR BIAS	62.128	61.524	-0.6033
42	50	HDR BIAS	61.142	59.952	-1.1899
43	50	HDR BIAS	62.352	61.429	-0.9233
44	50	HDR BIAS	62.143	60.932	-1.2114
45	50	HDR BIAS	62.097	60.909	-1.1887
46	50	HDR UNBIAS	60.328	59.213	-1.1145
47	50	HDR UNBIAS	61.896	61.099	-0.7971
48	50	HDR UNBIAS	61.65	60.748	-0.9011
49	50	HDR UNBIAS	61.123	60.86	-0.2632
50	50	HDR UNBIAS	62.053	60.83	-1.2229
51	100	HDR BIAS	60.7	58.43	-2.2705
52	100	HDR BIAS	62.774	61.368	-1.4067
53	100	HDR BIAS	61.29	61.551	0.2611
54	100	HDR BIAS	62.116	61.006	-1.1098
55	100	HDR BIAS	60.819	57.824	-2.9959
56	100	HDR UNBIAS	62.761	60.715	-2.046
57	100	HDR UNBIAS	63.248	61.336	-1.913
58	100	HDR UNBIAS	62.77	61.626	-1.144
59	100	HDR UNBIAS	61.86	59.449	-2.411
60	100	HDR UNBIAS	60.939	58.314	-2.6251
71	0	CORRELATION	62.955	63.161	0.2062
72	0	CORRELATION	61.931	62.203	0.2722
73	0	CORRELATION	61.361	61.539	0.1779

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	61.361	62.082	62.955	0.8073	61.539	62.301	63.161	0.81517	0.1779	0.21877	0.2722	0.04839
3	60.428	61.868	63.389	0.87444	60.106	61.652	63.143	0.88235	-0.4422	-0.21657	-0.0848	0.10843
10	60.314	61.413	62.685	0.79748	59.772	60.981	62.134	0.85496	-0.6903	-0.43132	-0.1562	0.15132
30	59.794	61.631	64.323	1.3897	59.233	60.879	63.699	1.3601	-1.1232	-0.75194	-0.5418	0.19891
50	60.328	61.691	62.352	0.63721	59.213	60.75	61.524	0.68778	-1.2229	-0.94154	-0.2632	0.31659
100	60.7	61.928	63.248	0.94425	57.824	60.162	61.626	1.5024	-2.9959	-1.7661	0.2611	0.94733

Device Test: 15.18 VLDO|V_VLDO/VLDO/12/12/0/0/5.5/500kHz//@V_LDO_5P5





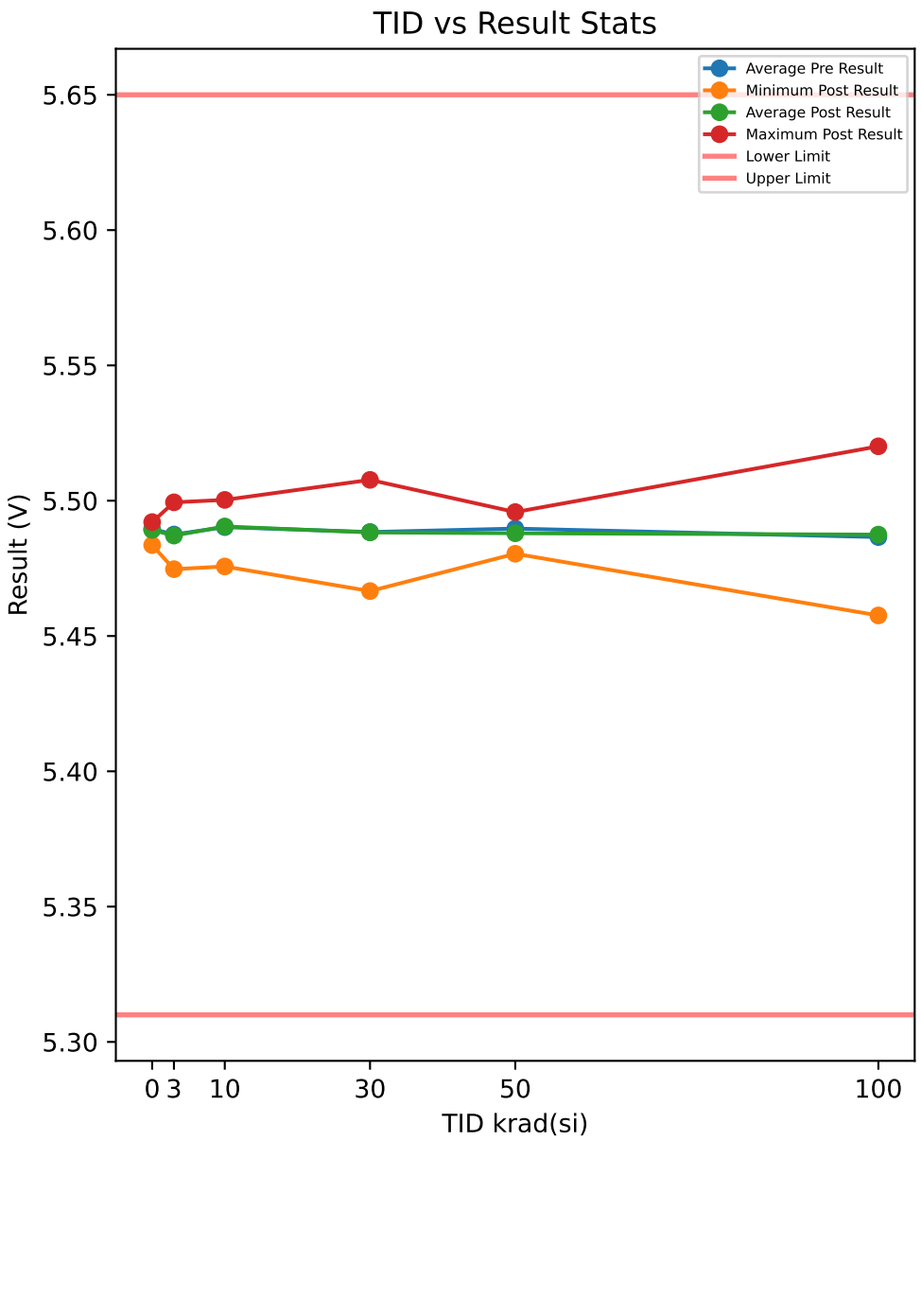
Test Results (Lower Limit = 5.31, Upper Limit = 5.65 (V))

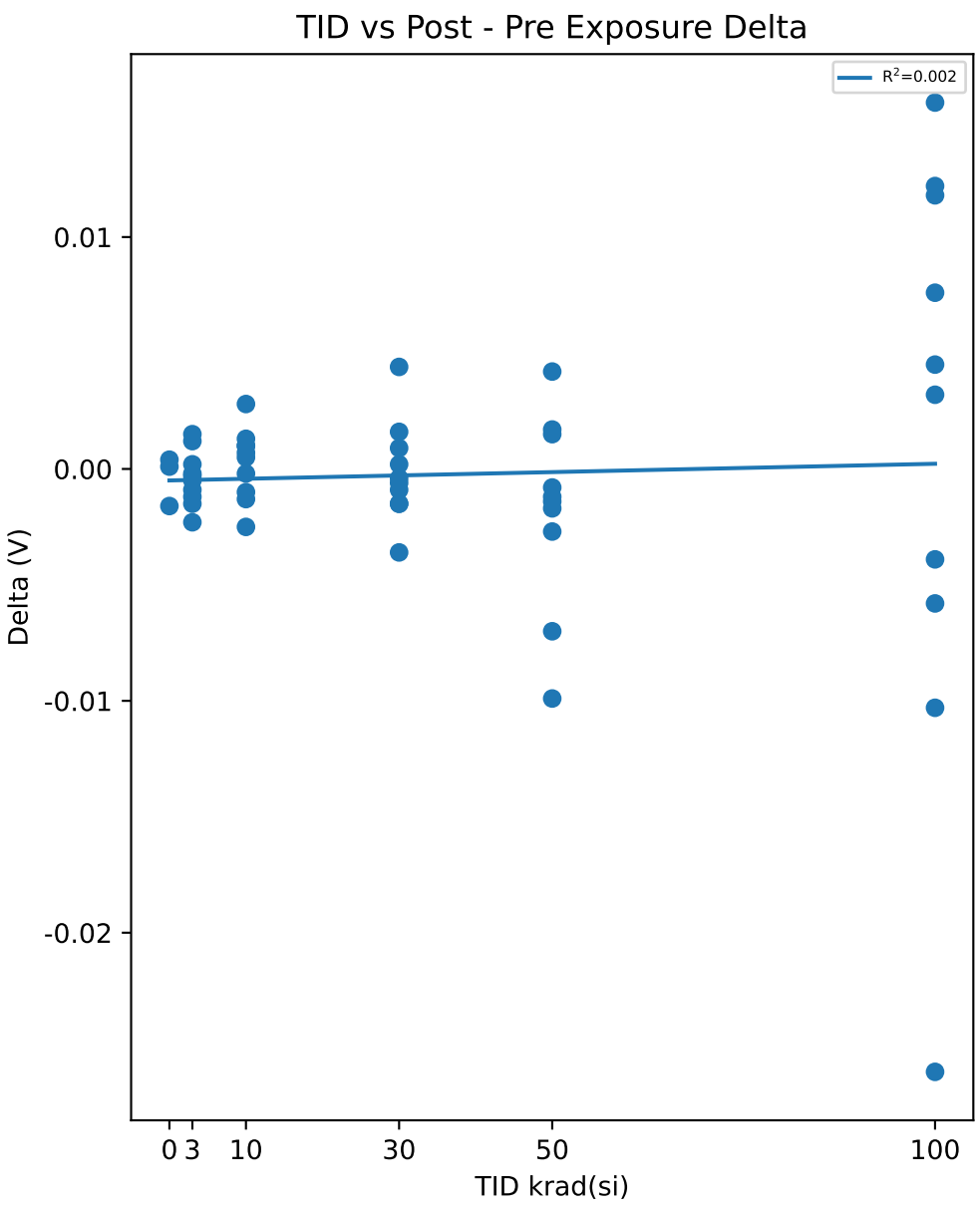
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	5.4842	5.4838	-0.0004
2	3	HDR BIAS	5.4743	5.4743	0
3	3	HDR BIAS	5.4898	5.4889	-0.0009
4	3	HDR BIAS	5.4918	5.4916	-0.0002
5	3	HDR BIAS	5.4894	5.4891	-0.0003
6	3	HDR UNBIAS	5.4954	5.4931	-0.0023
7	3	HDR UNBIAS	5.4815	5.4801	-0.0014
8	3	HDR UNBIAS	5.4974	5.4991	0.0017
9	3	HDR UNBIAS	5.488	5.4895	0.0015
10	3	HDR UNBIAS	5.4796	5.4782	-0.0014
11	10	HDR BIAS	5.4986	5.5	0.0014
12	10	HDR BIAS	5.492	5.4912	-0.0008
13	10	HDR BIAS	5.4987	5.4994	0.0007
14	10	HDR BIAS	5.4817	5.4827	0.001
15	10	HDR BIAS	5.4743	5.4753	0.001
16	10	HDR UNBIAS	5.4864	5.4851	-0.0013
17	10	HDR UNBIAS	5.4904	5.4908	0.0004
18	10	HDR UNBIAS	5.494	5.4966	0.0026
19	10	HDR UNBIAS	5.4863	5.4838	-0.0025
20	10	HDR UNBIAS	5.4965	5.4965	0
31	30	HDR BIAS	5.497	5.4961	-0.0009
32	30	HDR BIAS	5.4955	5.4949	-0.0006
33	30	HDR BIAS	5.47	5.4663	-0.0037
34	30	HDR BIAS	5.4878	5.4879	0.0001
35	30	HDR BIAS	5.4729	5.4775	0.0046
36	30	HDR UNBIAS	5.482	5.4829	0.0009
37	30	HDR UNBIAS	5.5089	5.5074	-0.0015
38	30	HDR UNBIAS	5.4875	5.4861	-0.0014
39	30	HDR UNBIAS	5.4902	5.4918	0.0016
40	30	HDR UNBIAS	5.489	5.4883	-0.0007
41	50	HDR BIAS	5.4871	5.4802	-0.0069
42	50	HDR BIAS	5.4878	5.4869	-0.0009
43	50	HDR BIAS	5.4912	5.4898	-0.0014
44	50	HDR BIAS	5.4847	5.486	0.0013
45	50	HDR BIAS	5.4838	5.4821	-0.0017
46	50	HDR UNBIAS	5.4912	5.4955	0.0043
47	50	HDR UNBIAS	5.4893	5.4881	-0.0012
48	50	HDR UNBIAS	5.4878	5.4849	-0.0029
49	50	HDR UNBIAS	5.4996	5.4898	-0.0098
50	50	HDR UNBIAS	5.4912	5.4929	0.0017
51	100	HDR BIAS	5.5164	5.5198	0.0034
52	100	HDR BIAS	5.4826	5.4786	-0.004
53	100	HDR BIAS	5.4832	5.4568	-0.0264
54	100	HDR BIAS	5.4806	5.4705	-0.0101
55	100	HDR BIAS	5.492	5.5079	0.0159
56	100	HDR UNBIAS	5.4678	5.4752	0.0074
57	100	HDR UNBIAS	5.4724	5.4768	0.0044
58	100	HDR UNBIAS	5.47	5.4641	-0.0059
59	100	HDR UNBIAS	5.4944	5.5061	0.0117
60	100	HDR UNBIAS	5.5026	5.5144	0.0118
71	0	CORRELATION	5.4828	5.4831	0.0003
72	0	CORRELATION	5.493	5.4917	-0.0013
73	0	CORRELATION	5.4917	5.4918	0.0001

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	5.4828	5.4892	5.493	0.0055519	5.4831	5.4889	5.4918	0.0049943	-0.0013	-0.0003	0.0003	0.00087178
3	5.4743	5.4871	5.4974	0.0072288	5.4743	5.4868	5.4991	0.0075653	-0.0023	-0.00037	0.0017	0.0012508
10	5.4743	5.4899	5.4987	0.0078455	5.4753	5.4901	5.5	0.0082184	-0.0025	0.00025	0.0026	0.0014653
30	5.47	5.4881	5.5089	0.011393	5.4663	5.4879	5.5074	0.01113	-0.0037	-0.00016	0.0046	0.0022072
50	5.4838	5.4894	5.4996	0.0044425	5.4802	5.4876	5.4955	0.004664	-0.0098	-0.00175	0.0043	0.0041043
100	5.4678	5.4862	5.5164	0.015372	5.4568	5.487	5.5198	0.022732	-0.0264	0.00082	0.0159	0.012727

Device Test: 15.19 VLDO|V_VLDO/VLDO/14/14/0/0/5.5/500kHz//@V_LDO_5P5





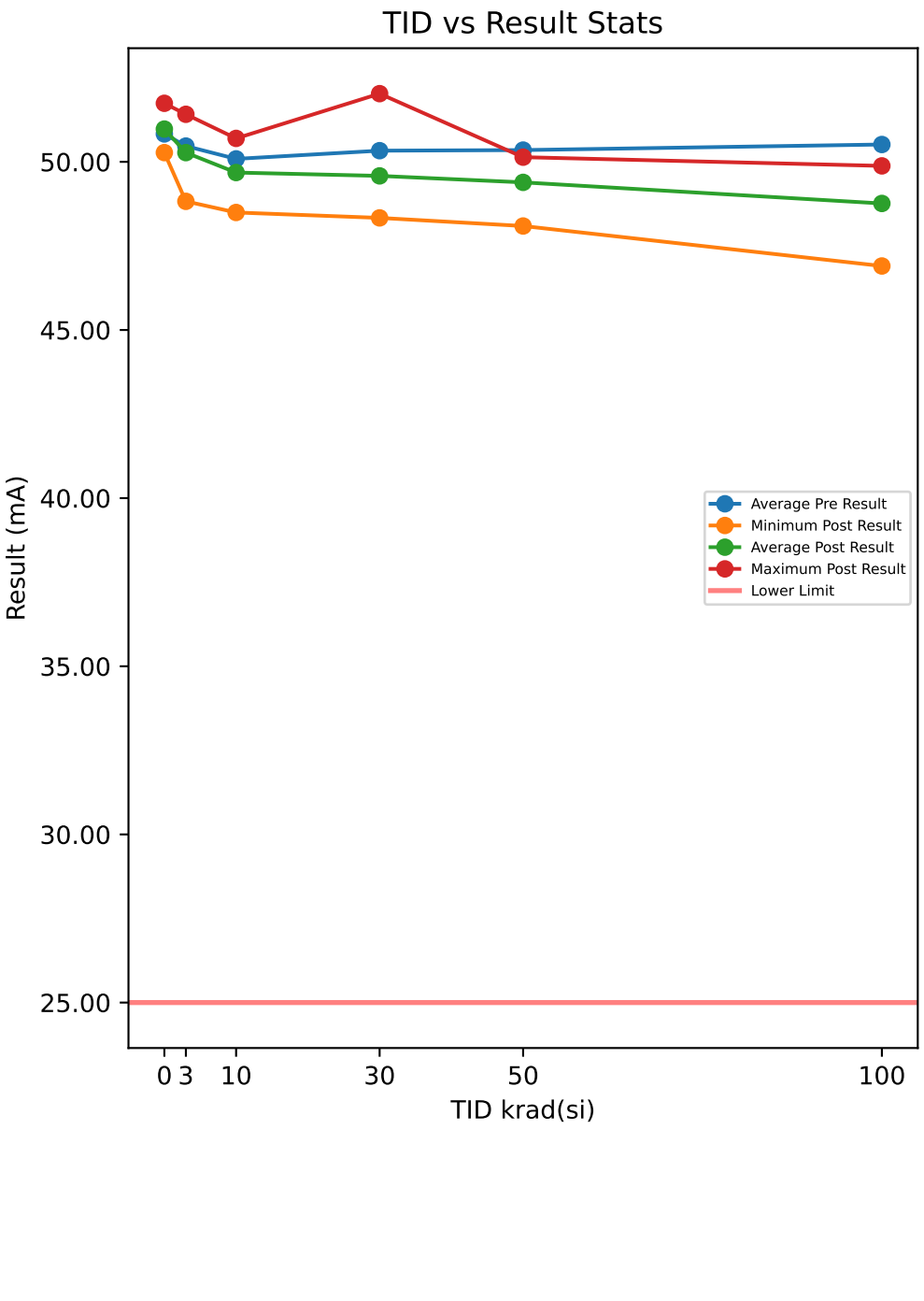
Test Results (Lower Limit = 5.31, Upper Limit = 5.65 (V))

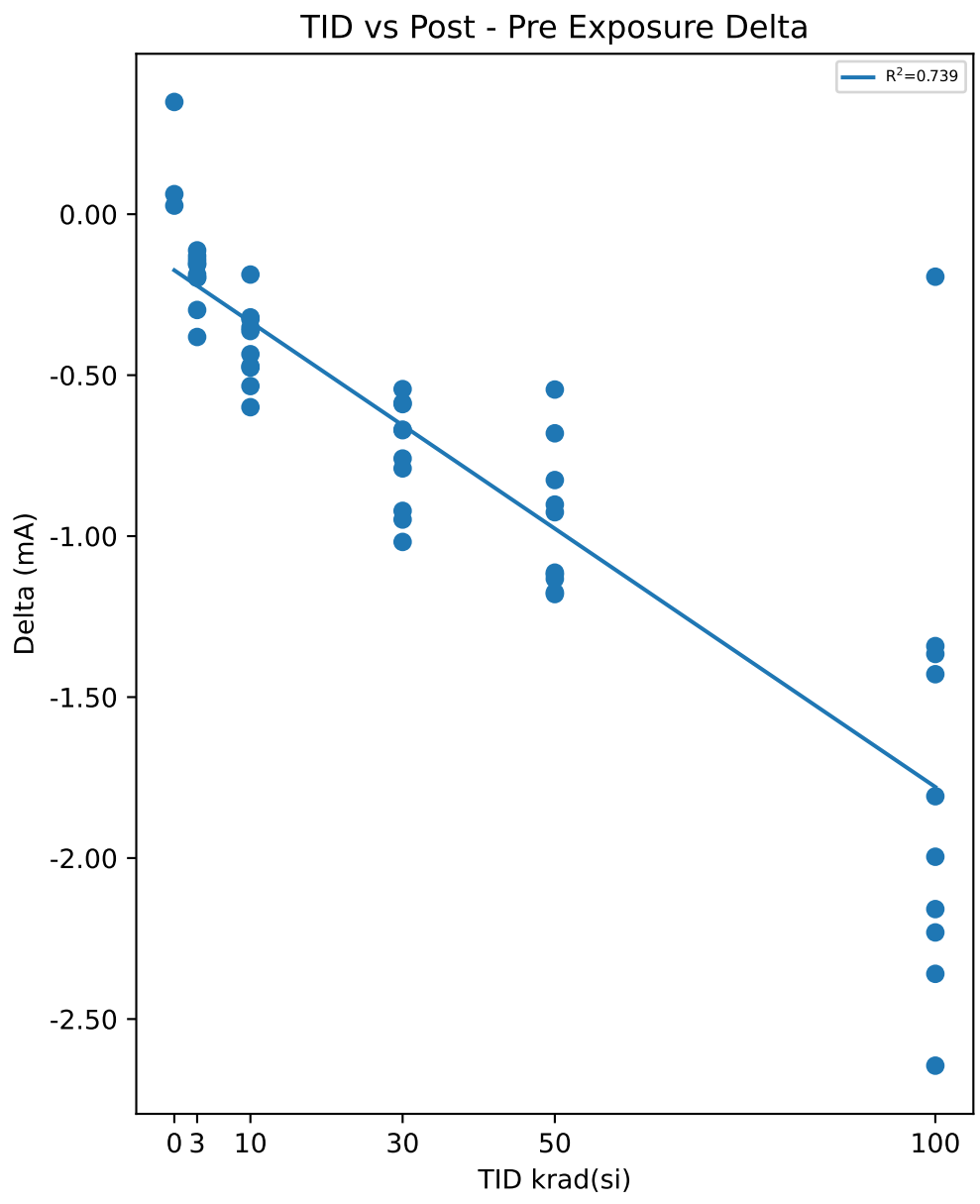
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	5.4844	5.4842	-0.0002
2	3	HDR BIAS	5.4745	5.4747	0.0002
3	3	HDR BIAS	5.4902	5.4893	-0.0009
4	3	HDR BIAS	5.4922	5.4919	-0.0003
5	3	HDR BIAS	5.4899	5.4894	-0.0005
6	3	HDR UNBIAS	5.4957	5.4934	-0.0023
7	3	HDR UNBIAS	5.4817	5.4805	-0.0012
8	3	HDR UNBIAS	5.4979	5.4994	0.0015
9	3	HDR UNBIAS	5.4886	5.4898	0.0012
10	3	HDR UNBIAS	5.48	5.4785	-0.0015
11	10	HDR BIAS	5.499	5.5003	0.0013
12	10	HDR BIAS	5.4925	5.4915	-0.001
13	10	HDR BIAS	5.499	5.4997	0.0007
14	10	HDR BIAS	5.4821	5.4831	0.001
15	10	HDR BIAS	5.4747	5.4757	0.001
16	10	HDR UNBIAS	5.4867	5.4854	-0.0013
17	10	HDR UNBIAS	5.4907	5.4912	0.0005
18	10	HDR UNBIAS	5.4942	5.497	0.0028
19	10	HDR UNBIAS	5.4865	5.484	-0.0025
20	10	HDR UNBIAS	5.497	5.4968	-0.0002
31	30	HDR BIAS	5.4974	5.4965	-0.0009
32	30	HDR BIAS	5.4958	5.4954	-0.0004
33	30	HDR BIAS	5.4702	5.4666	-0.0036
34	30	HDR BIAS	5.4881	5.4883	0.0002
35	30	HDR BIAS	5.4733	5.4777	0.0044
36	30	HDR UNBIAS	5.4825	5.4834	0.0009
37	30	HDR UNBIAS	5.5092	5.5077	-0.0015
38	30	HDR UNBIAS	5.4879	5.4864	-0.0015
39	30	HDR UNBIAS	5.4905	5.4921	0.0016
40	30	HDR UNBIAS	5.4893	5.4887	-0.0006
41	50	HDR BIAS	5.4874	5.4804	-0.007
42	50	HDR BIAS	5.4881	5.4873	-0.0008
43	50	HDR BIAS	5.4915	5.4901	-0.0014
44	50	HDR BIAS	5.485	5.4865	0.0015
45	50	HDR BIAS	5.4842	5.4825	-0.0017
46	50	HDR UNBIAS	5.4916	5.4958	0.0042
47	50	HDR UNBIAS	5.4896	5.4884	-0.0012
48	50	HDR UNBIAS	5.4881	5.4854	-0.0027
49	50	HDR UNBIAS	5.5	5.4901	-0.0099
50	50	HDR UNBIAS	5.4915	5.4932	0.0017
51	100	HDR BIAS	5.5169	5.5201	0.0032
52	100	HDR BIAS	5.4829	5.479	-0.0039
53	100	HDR BIAS	5.4836	5.4576	-0.026
54	100	HDR BIAS	5.4811	5.4708	-0.0103
55	100	HDR BIAS	5.4924	5.5082	0.0158
56	100	HDR UNBIAS	5.4682	5.4758	0.0076
57	100	HDR UNBIAS	5.4727	5.4772	0.0045
58	100	HDR UNBIAS	5.4702	5.4644	-0.0058
59	100	HDR UNBIAS	5.4947	5.5065	0.0118
60	100	HDR UNBIAS	5.5029	5.5151	0.0122
71	0	CORRELATION	5.4832	5.4836	0.0004
72	0	CORRELATION	5.4935	5.4919	-0.0016
73	0	CORRELATION	5.492	5.4921	0.0001

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	5.4832	5.4896	5.4935	0.0055645	5.4836	5.4892	5.4921	0.0048508	-0.0016	-0.00036667	0.0004	0.0010786
3	5.4745	5.4875	5.4979	0.0073049	5.4747	5.4871	5.4994	0.0075361	-0.0023	-0.0004	0.0015	0.001169
10	5.4747	5.4902	5.499	0.0078489	5.4757	5.4905	5.5003	0.0082068	-0.0025	0.00023	0.0028	0.0015173
30	5.4702	5.4884	5.5092	0.011392	5.4666	5.4883	5.5077	0.011153	-0.0036	-0.00014	0.0044	0.0021438
50	5.4842	5.4897	5.5	0.0044589	5.4804	5.488	5.4958	0.0046471	-0.0099	-0.00173	0.0042	0.0041376
100	5.4682	5.4866	5.5169	0.015408	5.4576	5.4875	5.5201	0.022695	-0.026	0.00091	0.0158	0.012687

Device Test: 15.2 VLDO|ILIM_VLDO/VLDO/5/5/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_PLUS_0P5





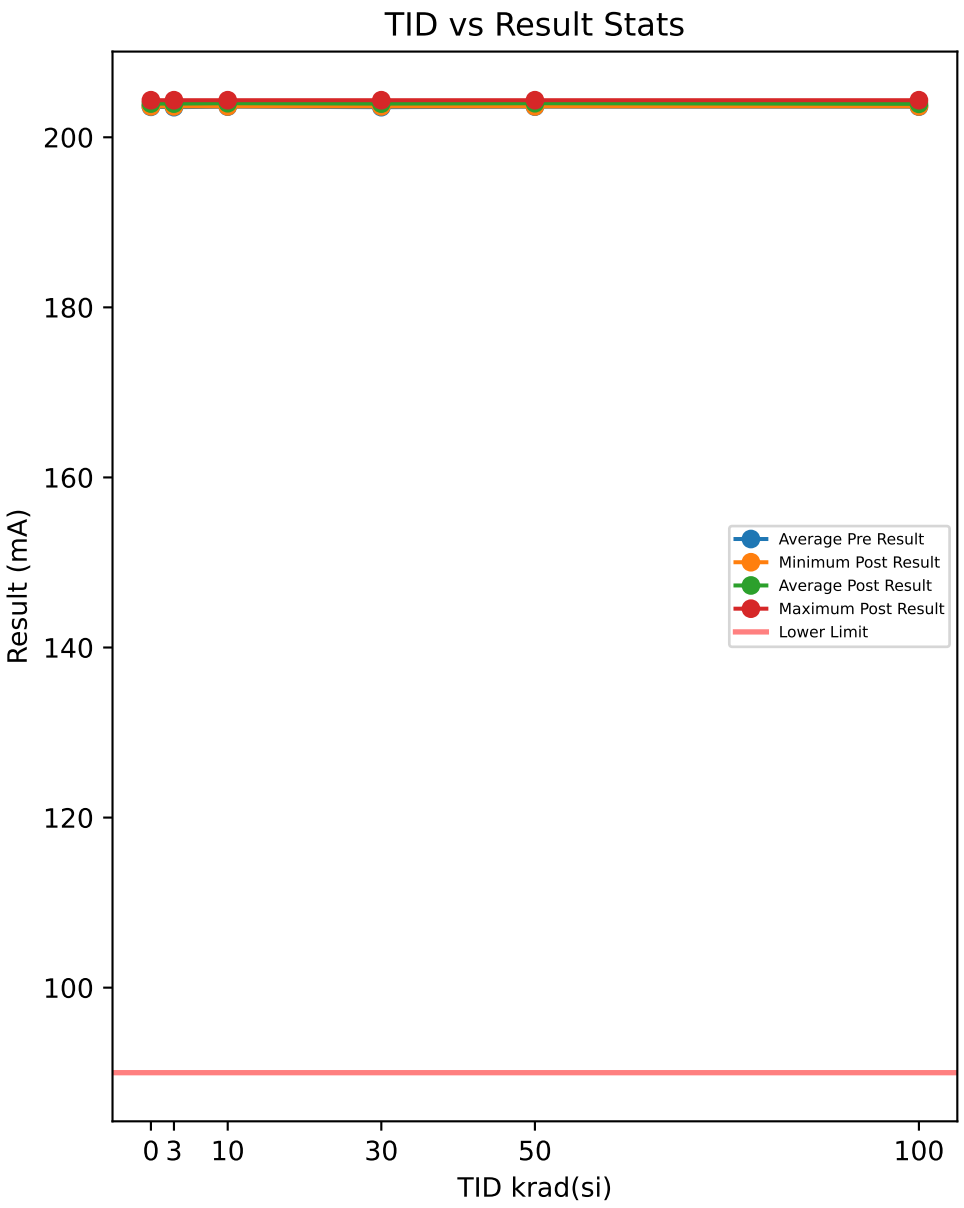
Test Results (Lower Limit = 25.0 (mA))

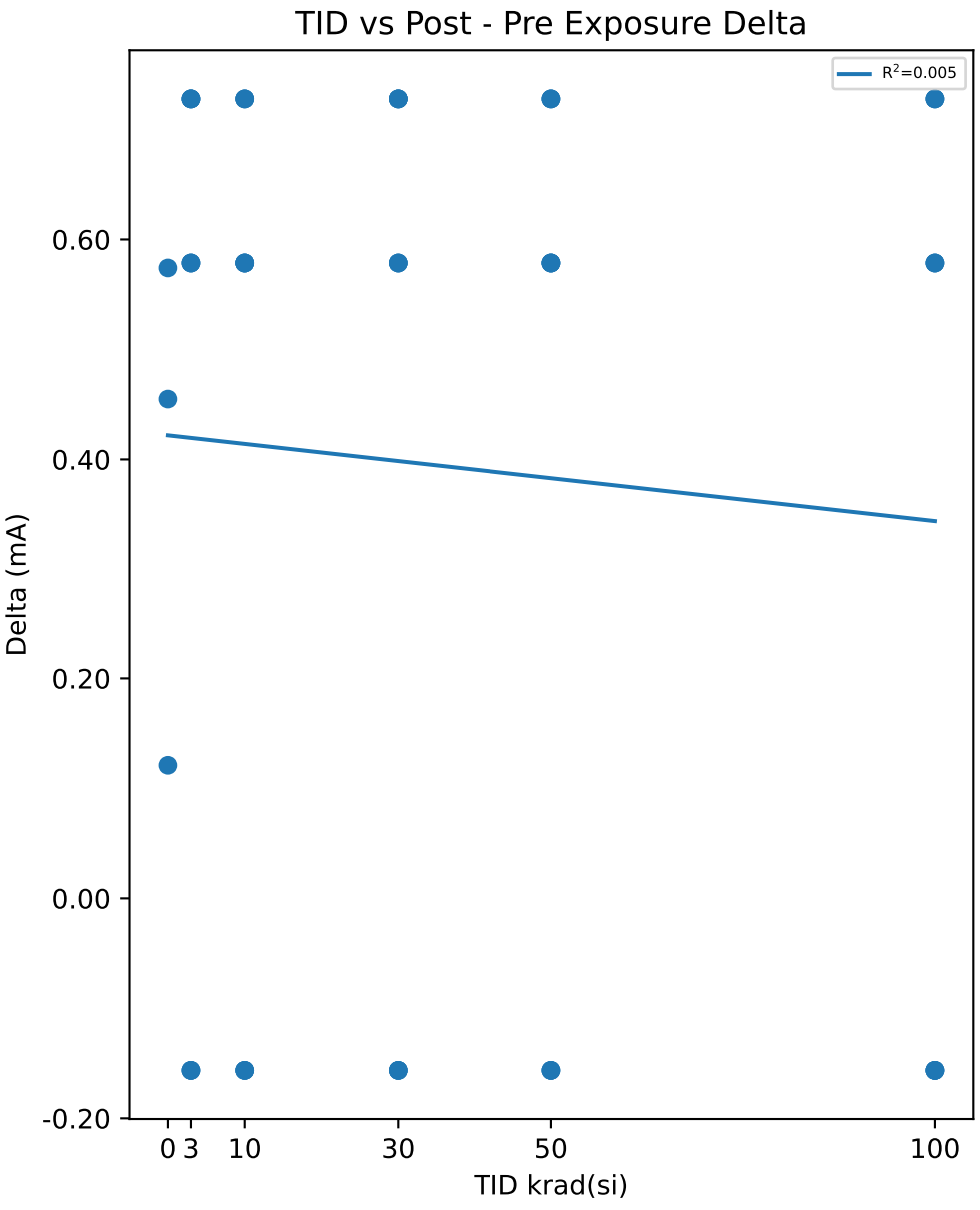
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	51.148	51.006	-0.1418
2	3	HDR BIAS	51.57	51.414	-0.156
3	3	HDR BIAS	50.912	50.725	-0.1876
4	3	HDR BIAS	49.828	49.631	-0.1972
5	3	HDR BIAS	50.599	50.402	-0.1971
6	3	HDR UNBIAS	49.947	49.835	-0.1123
7	3	HDR UNBIAS	50.897	50.767	-0.1299
8	3	HDR UNBIAS	49.123	48.825	-0.2975
9	3	HDR UNBIAS	50.538	50.157	-0.3814
10	3	HDR UNBIAS	50.128	49.975	-0.1527
11	10	HDR BIAS	49.028	48.494	-0.5339
12	10	HDR BIAS	49.494	49.059	-0.4349
13	10	HDR BIAS	49.407	49.044	-0.3629
14	10	HDR BIAS	50.183	49.706	-0.4764
15	10	HDR BIAS	51.169	50.697	-0.4723
16	10	HDR UNBIAS	50.496	50.176	-0.3205
17	10	HDR UNBIAS	50.555	50.203	-0.3521
18	10	HDR UNBIAS	49.906	49.307	-0.5995
19	10	HDR UNBIAS	50.762	50.575	-0.1875
20	10	HDR UNBIAS	49.878	49.551	-0.3262
31	30	HDR BIAS	48.974	48.384	-0.5899
32	30	HDR BIAS	49.481	48.691	-0.7896
33	30	HDR BIAS	52.697	52.027	-0.6694
34	30	HDR BIAS	51.872	51.113	-0.759
35	30	HDR BIAS	50.894	49.876	-1.018
36	30	HDR UNBIAS	50.162	49.241	-0.9215
37	30	HDR UNBIAS	48.919	48.333	-0.5861
38	30	HDR UNBIAS	49.751	49.08	-0.6709
39	30	HDR UNBIAS	50.249	49.3	-0.9485
40	30	HDR UNBIAS	50.319	49.776	-0.5433
41	50	HDR BIAS	50.758	50.078	-0.6806
42	50	HDR BIAS	49.838	48.724	-1.1134
43	50	HDR BIAS	51.064	50.138	-0.9257
44	50	HDR BIAS	50.59	49.458	-1.1327
45	50	HDR BIAS	50.681	49.501	-1.18
46	50	HDR UNBIAS	49.211	48.092	-1.1192
47	50	HDR UNBIAS	50.4	49.574	-0.8258
48	50	HDR UNBIAS	50.315	49.413	-0.9019
49	50	HDR UNBIAS	49.989	49.444	-0.5447
50	50	HDR UNBIAS	50.647	49.472	-1.175
51	100	HDR BIAS	49.933	47.775	-2.1585
52	100	HDR BIAS	51.295	49.866	-1.4289
53	100	HDR BIAS	49.733	49.539	-0.1942
54	100	HDR BIAS	50.616	49.274	-1.3416
55	100	HDR BIAS	49.547	46.903	-2.6448
56	100	HDR UNBIAS	50.951	48.956	-1.9959
57	100	HDR UNBIAS	51.579	49.771	-1.8079
58	100	HDR UNBIAS	51.245	49.879	-1.3661
59	100	HDR UNBIAS	50.526	48.294	-2.231
60	100	HDR UNBIAS	49.725	47.365	-2.3596
71	0	CORRELATION	51.392	51.74	0.3486
72	0	CORRELATION	50.883	50.909	0.0266
73	0	CORRELATION	50.212	50.274	0.0623

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	50.212	50.829	51.392	0.59175	50.274	50.975	51.74	0.73522	0.0266	0.14583	0.3486	0.17651
3	49.123	50.469	51.57	0.72147	48.825	50.274	51.414	0.75313	-0.3814	-0.19535	-0.1123	0.083355
10	49.028	50.088	51.169	0.66962	48.494	49.681	50.697	0.72321	-0.5995	-0.40662	-0.1875	0.12026
30	48.919	50.332	52.697	1.2118	48.333	49.582	52.027	1.1871	-1.018	-0.74962	-0.5433	0.16675
50	49.211	50.349	51.064	0.54024	48.092	49.389	50.138	0.59839	-1.18	-0.9599	-0.5447	0.22272
100	49.547	50.515	51.579	0.74423	46.903	48.762	49.879	1.1051	-2.6448	-1.7529	-0.1942	0.70491

Device Test: 15.20 VLDO|ILIM_VLDO/VLDO/14/14/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_7





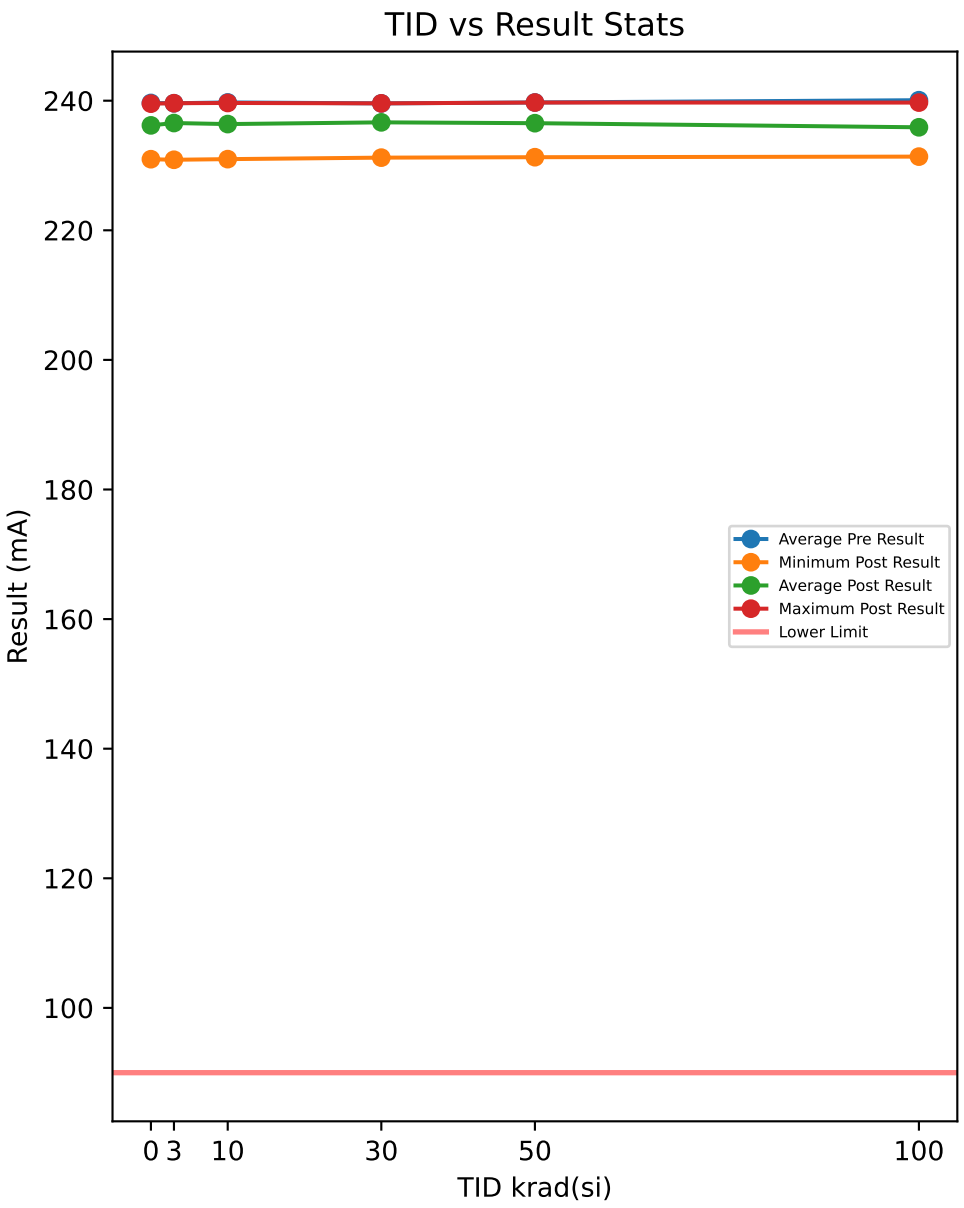
Test Results (Lower Limit = 90.0 (mA))

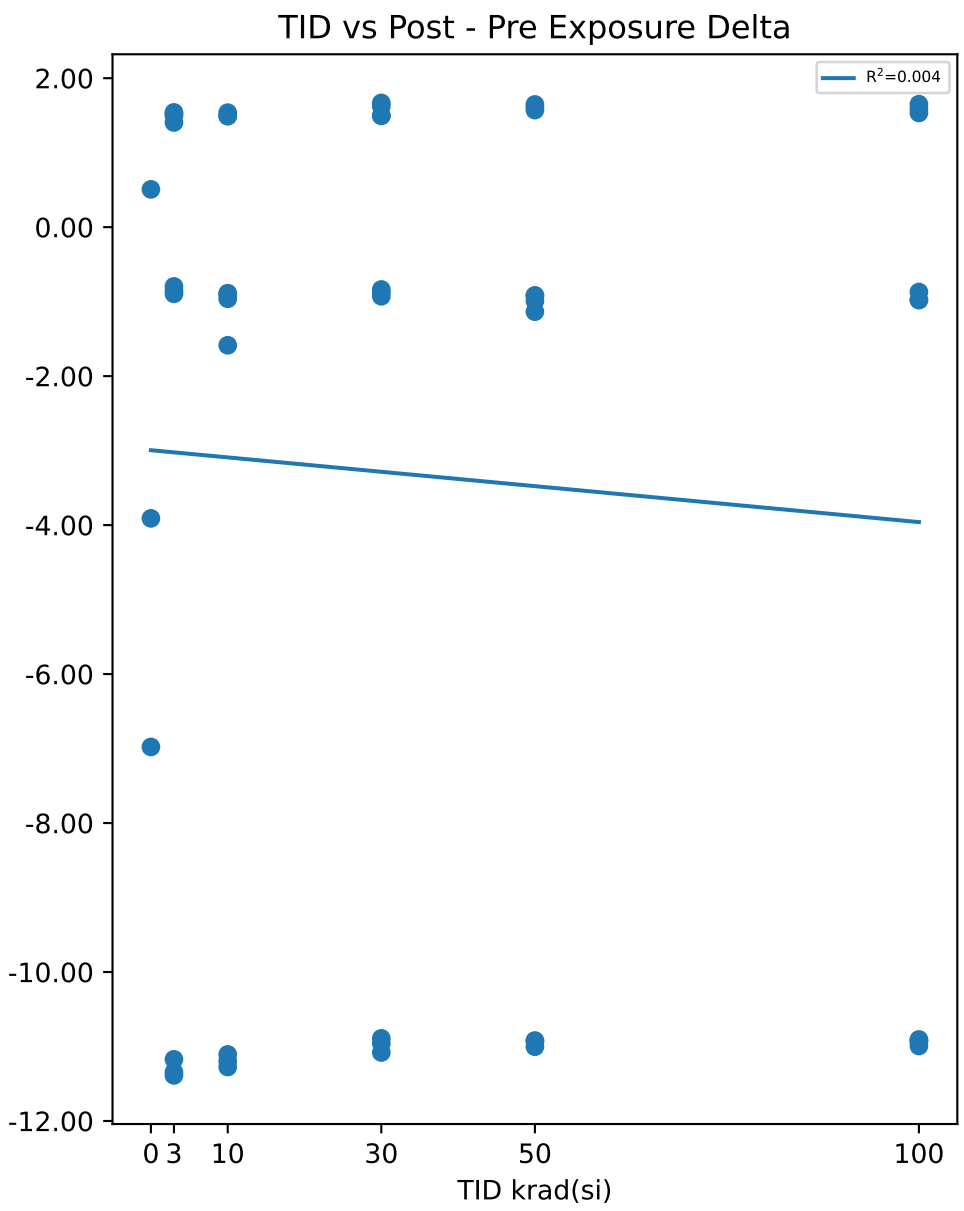
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	203.18	203.9	0.7278
2	3	HDR BIAS	203.78	204.36	0.5786
3	3	HDR BIAS	203.79	203.63	-0.1564
4	3	HDR BIAS	203.18	203.9	0.7278
5	3	HDR BIAS	203.78	204.36	0.5786
6	3	HDR UNBIAS	203.79	203.63	-0.1564
7	3	HDR UNBIAS	203.18	203.9	0.7278
8	3	HDR UNBIAS	203.78	204.36	0.5786
9	3	HDR UNBIAS	203.79	203.63	-0.1564
10	3	HDR UNBIAS	203.18	203.9	0.7278
11	10	HDR BIAS	203.78	204.36	0.5786
12	10	HDR BIAS	203.79	203.63	-0.1564
13	10	HDR BIAS	203.18	203.9	0.7278
14	10	HDR BIAS	203.78	204.36	0.5786
15	10	HDR BIAS	203.79	203.63	-0.1564
16	10	HDR UNBIAS	203.18	203.9	0.7278
17	10	HDR UNBIAS	203.78	204.36	0.5786
18	10	HDR UNBIAS	203.79	203.63	-0.1564
19	10	HDR UNBIAS	203.18	203.9	0.7278
20	10	HDR UNBIAS	203.78	204.36	0.5786
31	30	HDR BIAS	203.18	203.9	0.7278
32	30	HDR BIAS	203.78	204.36	0.5786
33	30	HDR BIAS	203.79	203.63	-0.1564
34	30	HDR BIAS	203.18	203.9	0.7278
35	30	HDR BIAS	203.78	204.36	0.5786
36	30	HDR UNBIAS	203.79	203.63	-0.1564
37	30	HDR UNBIAS	203.18	203.9	0.7278
38	30	HDR UNBIAS	203.78	204.36	0.5786
39	30	HDR UNBIAS	203.79	203.63	-0.1564
40	30	HDR UNBIAS	203.18	203.9	0.7278
41	50	HDR BIAS	203.78	204.36	0.5786
42	50	HDR BIAS	203.79	203.63	-0.1564
43	50	HDR BIAS	203.18	203.9	0.7278
44	50	HDR BIAS	203.78	204.36	0.5786
45	50	HDR BIAS	203.79	203.63	-0.1564
46	50	HDR UNBIAS	203.18	203.9	0.7278
47	50	HDR UNBIAS	203.78	204.36	0.5786
48	50	HDR UNBIAS	203.79	203.63	-0.1564
49	50	HDR UNBIAS	203.18	203.9	0.7278
50	50	HDR UNBIAS	203.78	204.36	0.5786
51	100	HDR BIAS	203.79	203.63	-0.1564
52	100	HDR BIAS	203.18	203.9	0.7278
53	100	HDR BIAS	203.78	204.36	0.5786
54	100	HDR BIAS	203.79	203.63	-0.1564
55	100	HDR BIAS	203.18	203.9	0.7278
56	100	HDR UNBIAS	203.78	204.36	0.5786
57	100	HDR UNBIAS	203.79	203.63	-0.1564
58	100	HDR UNBIAS	203.18	203.9	0.7278
59	100	HDR UNBIAS	203.78	204.36	0.5786
60	100	HDR UNBIAS	203.79	203.63	-0.1564
71	0	CORRELATION	203.78	203.9	0.121
72	0	CORRELATION	203.79	204.36	0.5741
73	0	CORRELATION	203.18	203.63	0.4549

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	203.18	203.58	203.79	0.35164	203.63	203.96	204.36	0.36912	0.121	0.38333	0.5741	0.23487
3	203.18	203.54	203.79	0.31452	203.63	203.96	204.36	0.30201	-0.1564	0.41778	0.7278	0.40154
10	203.18	203.6	203.79	0.29405	203.63	204	204.36	0.32637	-0.1564	0.40286	0.7278	0.39138
30	203.18	203.54	203.79	0.31452	203.63	203.96	204.36	0.30201	-0.1564	0.41778	0.7278	0.40154
50	203.18	203.6	203.79	0.29405	203.63	204	204.36	0.32637	-0.1564	0.40286	0.7278	0.39138
100	203.18	203.6	203.79	0.29436	203.63	203.93	204.36	0.31941	-0.1564	0.32936	0.7278	0.42249

Device Test: 15.21 VLDO|ILIM_VLDO_SWEEP/VLDO/14/14/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_7





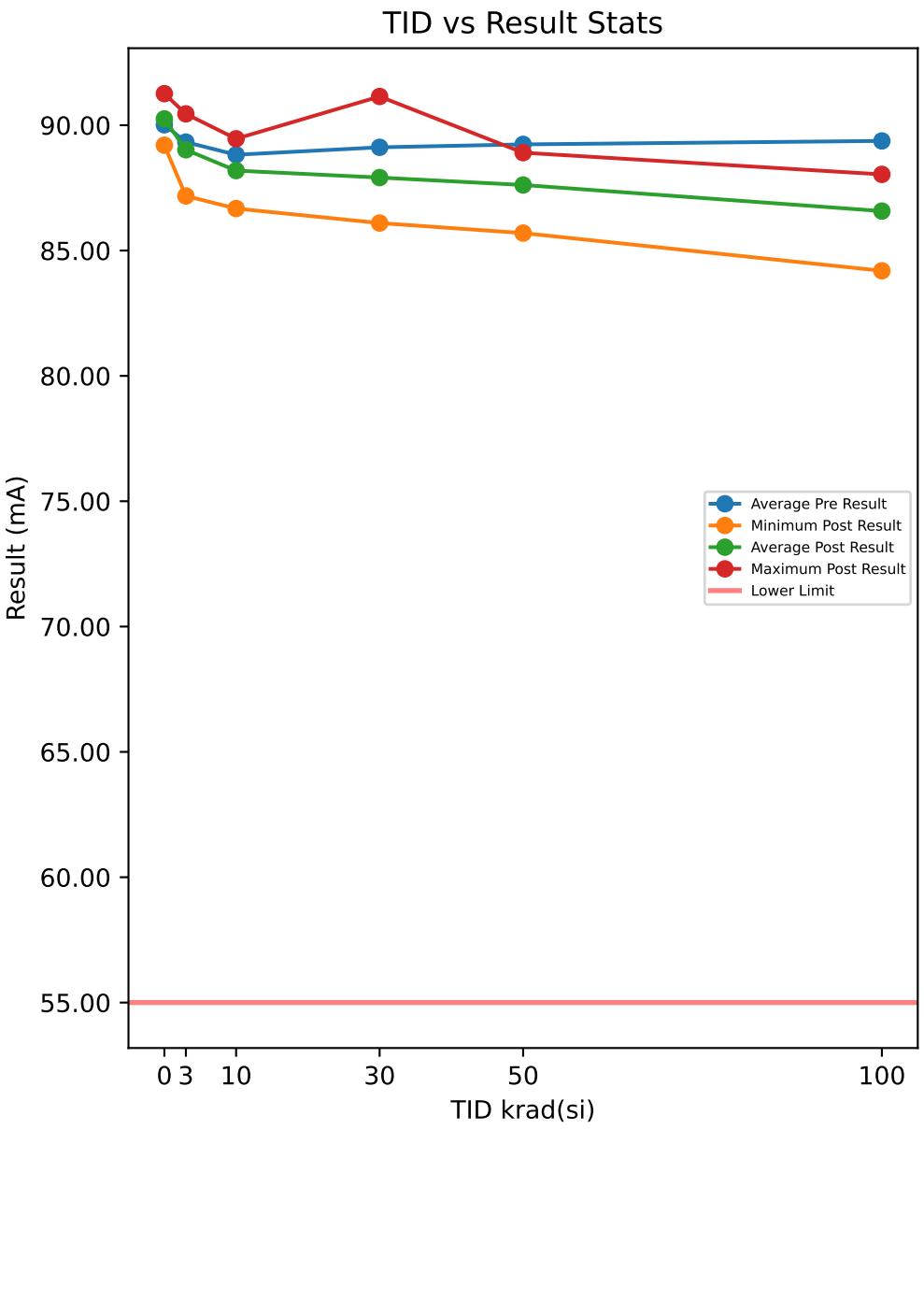
Test Results (Lower Limit = 90.0 (mA))

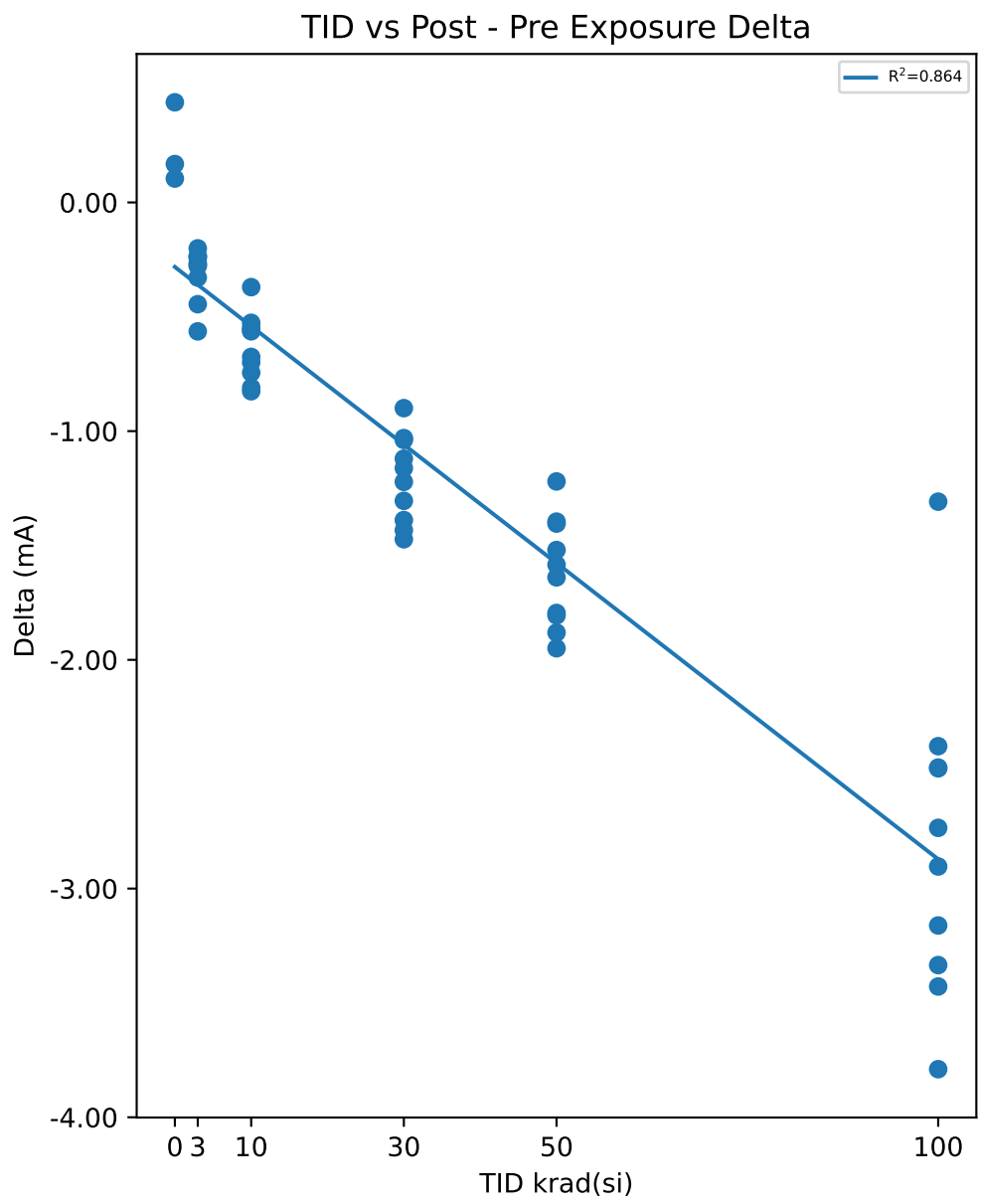
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	238.11	239.52	1.4051
2	3	HDR BIAS	238.94	238.04	-0.8955
3	3	HDR BIAS	242.4	231.01	-11.388
4	3	HDR BIAS	238.05	239.55	1.4988
5	3	HDR BIAS	238.92	238.13	-0.7956
6	3	HDR UNBIAS	242.23	230.88	-11.344
7	3	HDR UNBIAS	238.05	239.59	1.5409
8	3	HDR UNBIAS	239.04	238.18	-0.8584
9	3	HDR UNBIAS	242.2	231.02	-11.172
10	3	HDR UNBIAS	238.09	239.61	1.5169
11	10	HDR BIAS	239.16	238.2	-0.9617
12	10	HDR BIAS	242.18	230.98	-11.196
13	10	HDR BIAS	238.1	239.64	1.5373
14	10	HDR BIAS	239.01	238.12	-0.8863
15	10	HDR BIAS	242.28	231.01	-11.275
16	10	HDR UNBIAS	238.1	239.59	1.4916
17	10	HDR UNBIAS	239.01	238.11	-0.9008
18	10	HDR UNBIAS	242.32	231.22	-11.106
19	10	HDR UNBIAS	238.16	239.65	1.4913
20	10	HDR UNBIAS	239	237.41	-1.5858
31	30	HDR BIAS	237.92	239.59	1.6681
32	30	HDR BIAS	239.03	238.15	-0.8755
33	30	HDR BIAS	242.29	231.21	-11.08
34	30	HDR BIAS	237.96	239.58	1.6234
35	30	HDR BIAS	238.92	238.08	-0.8367
36	30	HDR UNBIAS	242.31	231.35	-10.96
37	30	HDR UNBIAS	238.06	239.55	1.4935
38	30	HDR UNBIAS	239.02	238.09	-0.9281
39	30	HDR UNBIAS	242.34	231.45	-10.891
40	30	HDR UNBIAS	238.03	239.53	1.5005
41	50	HDR BIAS	238.98	238.06	-0.9202
42	50	HDR BIAS	242.35	231.42	-10.927
43	50	HDR BIAS	238.05	239.66	1.6097
44	50	HDR BIAS	239.1	238.1	-0.9919
45	50	HDR BIAS	242.27	231.35	-10.921
46	50	HDR UNBIAS	238.02	239.59	1.5715
47	50	HDR UNBIAS	239.09	237.96	-1.1348
48	50	HDR UNBIAS	242.28	231.28	-11.003
49	50	HDR UNBIAS	238.07	239.72	1.6475
50	50	HDR UNBIAS	239.08	238.16	-0.9172
51	100	HDR BIAS	242.3	231.39	-10.905
52	100	HDR BIAS	237.95	239.54	1.5883
53	100	HDR BIAS	239.13	238.15	-0.9781
54	100	HDR BIAS	242.36	231.37	-10.993
55	100	HDR BIAS	238.06	239.71	1.6511
56	100	HDR UNBIAS	239.15	238.17	-0.9772
57	100	HDR UNBIAS	242.33	231.4	-10.929
58	100	HDR UNBIAS	238.14	239.67	1.5331
59	100	HDR UNBIAS	238.98	238.11	-0.8708
60	100	HDR UNBIAS	242.37	231.45	-10.92
71	0	CORRELATION	239.03	239.54	0.5075
72	0	CORRELATION	241.97	238.06	-3.9096
73	0	CORRELATION	237.95	230.97	-6.9783

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	237.95	239.65	241.97	2.0816	230.97	236.19	239.54	4.5816	-6.9783	-3.4601	0.5075	3.7631
3	238.05	239.6	242.4	1.8851	230.88	236.55	239.61	3.903	-11.388	-3.0492	1.5409	5.7858
10	238.1	239.73	242.32	1.7922	230.98	236.39	239.65	3.7518	-11.275	-3.3392	1.5373	5.5395
30	237.92	239.59	242.34	1.9321	231.21	236.66	239.59	3.7272	-11.08	-2.9286	1.6681	5.6565
50	238.02	239.73	242.35	1.829	231.28	236.53	239.72	3.6419	-11.003	-3.1985	1.6475	5.4685
100	237.95	240.08	242.37	1.9944	231.37	235.9	239.71	3.9156	-10.993	-4.1801	1.6511	5.9067

Device Test: 15.28 VLDO|ILIM_VLDO/VLDO/5.5/5.5/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_PLUS_1





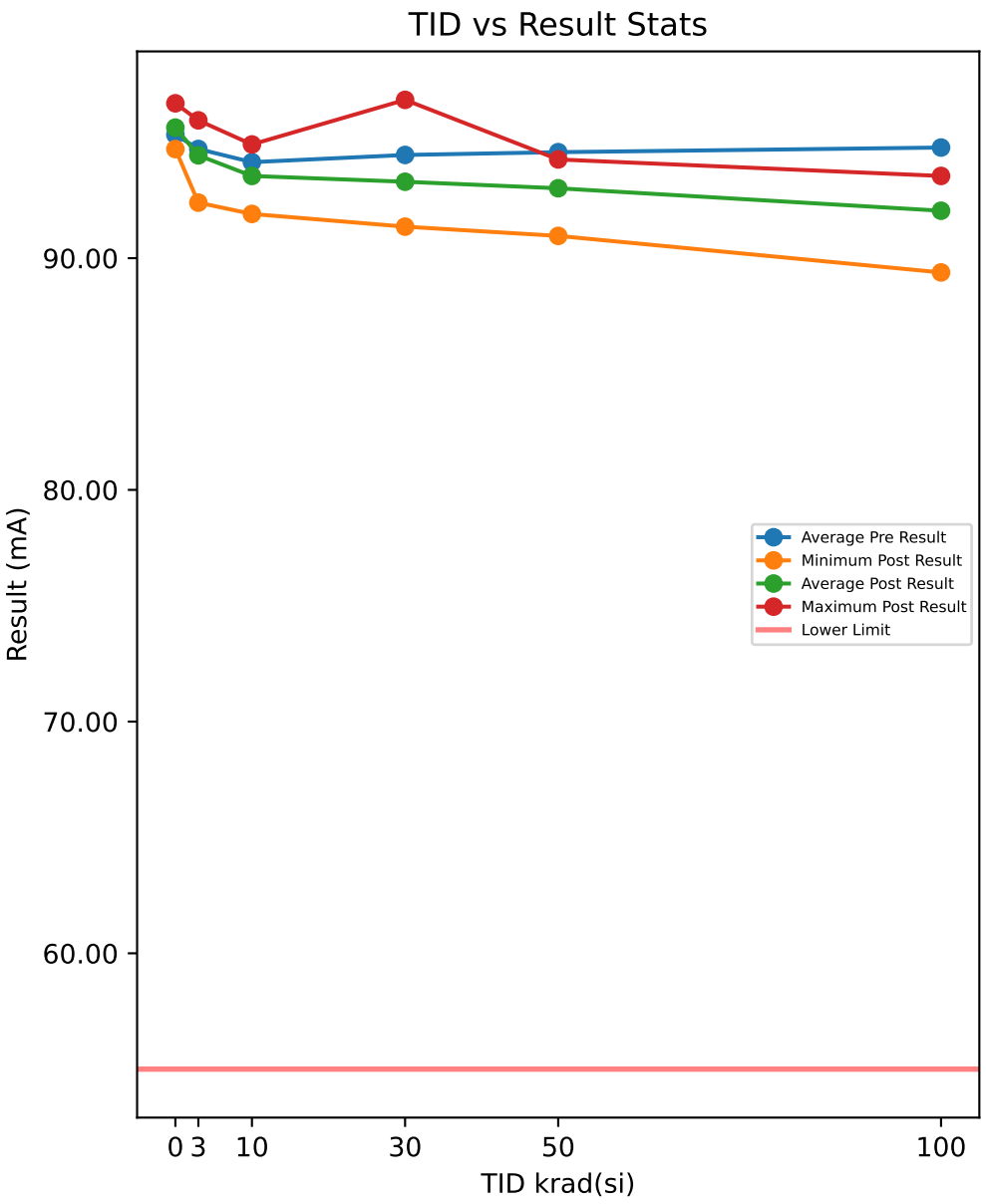
Test Results (Lower Limit = 55.0 (mA))

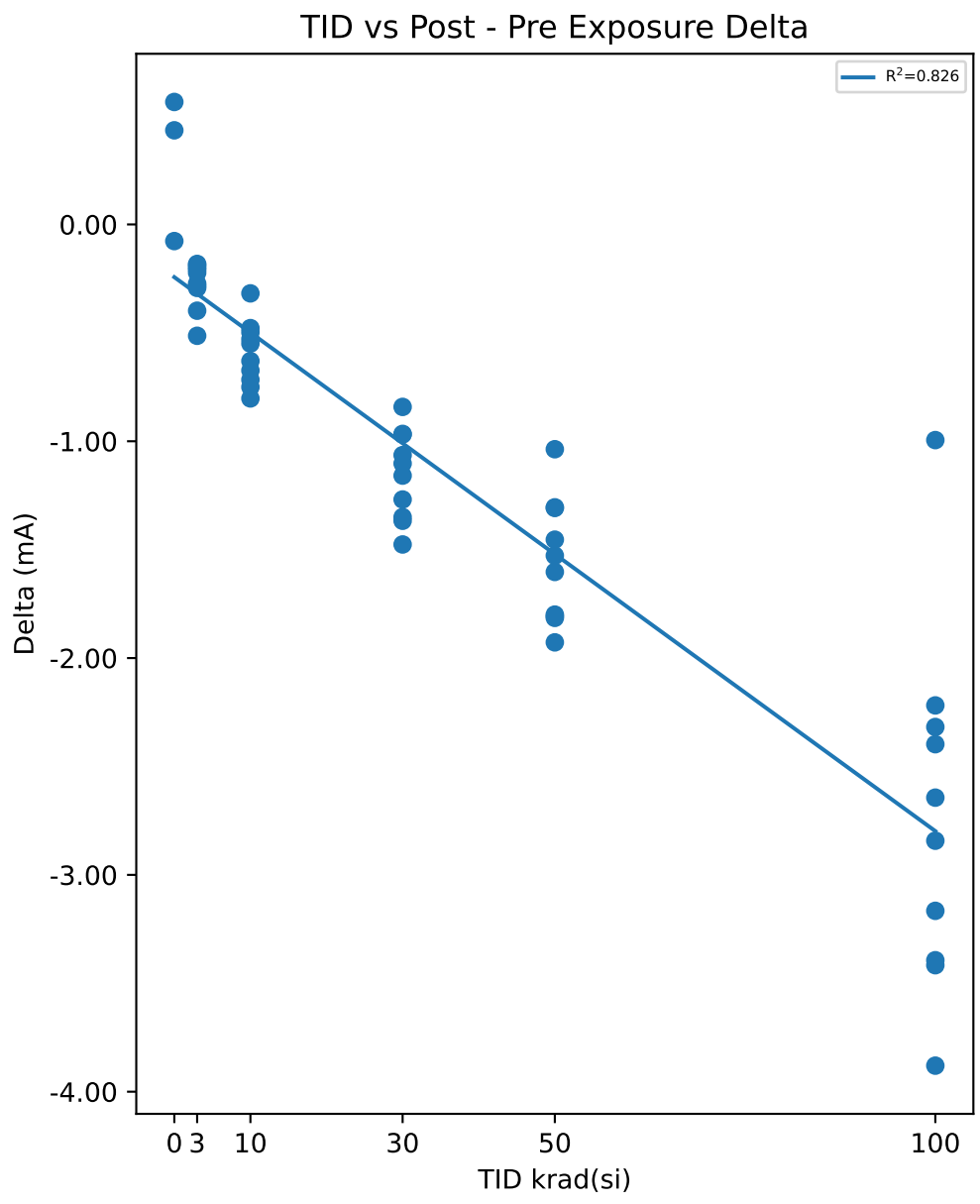
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	90.3	90.099	-0.2009
2	3	HDR BIAS	90.687	90.452	-0.2347
3	3	HDR BIAS	90.148	89.875	-0.2737
4	3	HDR BIAS	88.385	88.108	-0.2777
5	3	HDR BIAS	89.723	89.394	-0.3285
6	3	HDR UNBIAS	88.746	88.509	-0.237
7	3	HDR UNBIAS	89.799	89.558	-0.2409
8	3	HDR UNBIAS	87.623	87.178	-0.445
9	3	HDR UNBIAS	89.429	88.866	-0.5638
10	3	HDR UNBIAS	88.422	88.156	-0.2661
11	10	HDR BIAS	87.501	86.676	-0.8256
12	10	HDR BIAS	87.813	87.114	-0.6996
13	10	HDR BIAS	87.989	87.431	-0.5577
14	10	HDR BIAS	88.71	87.966	-0.7446
15	10	HDR BIAS	89.914	89.239	-0.6755
16	10	HDR UNBIAS	89.306	88.758	-0.5475
17	10	HDR UNBIAS	89.708	89.144	-0.5635
18	10	HDR UNBIAS	88.641	87.831	-0.8098
19	10	HDR UNBIAS	89.829	89.459	-0.3704
20	10	HDR UNBIAS	88.799	88.272	-0.5264
31	30	HDR BIAS	87.127	86.097	-1.0304
32	30	HDR BIAS	88.084	86.78	-1.3048
33	30	HDR BIAS	92.307	91.145	-1.1617
34	30	HDR BIAS	91.678	90.457	-1.2218
35	30	HDR BIAS	89.493	88.021	-1.4727
36	30	HDR UNBIAS	88.574	87.185	-1.3889
37	30	HDR UNBIAS	87.543	86.505	-1.0387
38	30	HDR UNBIAS	88.169	87.049	-1.1205
39	30	HDR UNBIAS	89.11	87.677	-1.4331
40	30	HDR UNBIAS	89.096	88.196	-0.8995
41	50	HDR BIAS	89.882	88.486	-1.3957
42	50	HDR BIAS	88.241	86.436	-1.8059
43	50	HDR BIAS	90.488	88.904	-1.584
44	50	HDR BIAS	89.527	87.732	-1.795
45	50	HDR BIAS	89.512	87.562	-1.9494
46	50	HDR UNBIAS	87.336	85.697	-1.6393
47	50	HDR UNBIAS	89.427	88.023	-1.4042
48	50	HDR UNBIAS	89.018	87.498	-1.5198
49	50	HDR UNBIAS	89.007	87.787	-1.22
50	50	HDR UNBIAS	89.91	88.029	-1.8808
51	100	HDR BIAS	89.612	86.184	-3.4282
52	100	HDR BIAS	90.509	88.038	-2.4709
53	100	HDR BIAS	88.025	86.717	-1.3084
54	100	HDR BIAS	89.263	86.789	-2.4743
55	100	HDR BIAS	87.982	84.192	-3.7897
56	100	HDR UNBIAS	89.406	86.502	-2.9035
57	100	HDR UNBIAS	90.557	87.822	-2.7346
58	100	HDR UNBIAS	89.844	87.466	-2.3775
59	100	HDR UNBIAS	89.824	86.663	-3.1614
60	100	HDR UNBIAS	88.704	85.369	-3.3346
71	0	CORRELATION	90.821	91.259	0.4377
72	0	CORRELATION	90.196	90.3	0.1044
73	0	CORRELATION	89.034	89.201	0.1677

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	89.034	90.017	90.821	0.90705	89.201	90.254	91.259	1.0295	0.1044	0.2366	0.4377	0.17701
3	87.623	89.326	90.687	0.98928	87.178	89.019	90.452	1.0346	-0.5638	-0.30683	-0.2009	0.11296
10	87.501	88.821	89.914	0.86453	86.676	88.189	89.459	0.95192	-0.8256	-0.63206	-0.3704	0.14344
30	87.127	89.118	92.307	1.6857	86.097	87.911	91.145	1.6637	-1.4727	-1.2072	-0.8995	0.19096
50	87.336	89.235	90.488	0.90285	85.697	87.615	88.904	0.93632	-1.9494	-1.6194	-1.22	0.23812
100	87.982	89.373	90.557	0.90597	84.192	86.574	88.038	1.1476	-3.7897	-2.7983	-1.3084	0.70105

Device Test: 15.29 VLDO|ILIM_VLDO/VLDO/6/6/0/0/5/500kHz//@V_LDO_ILIM_5_PLUS_1





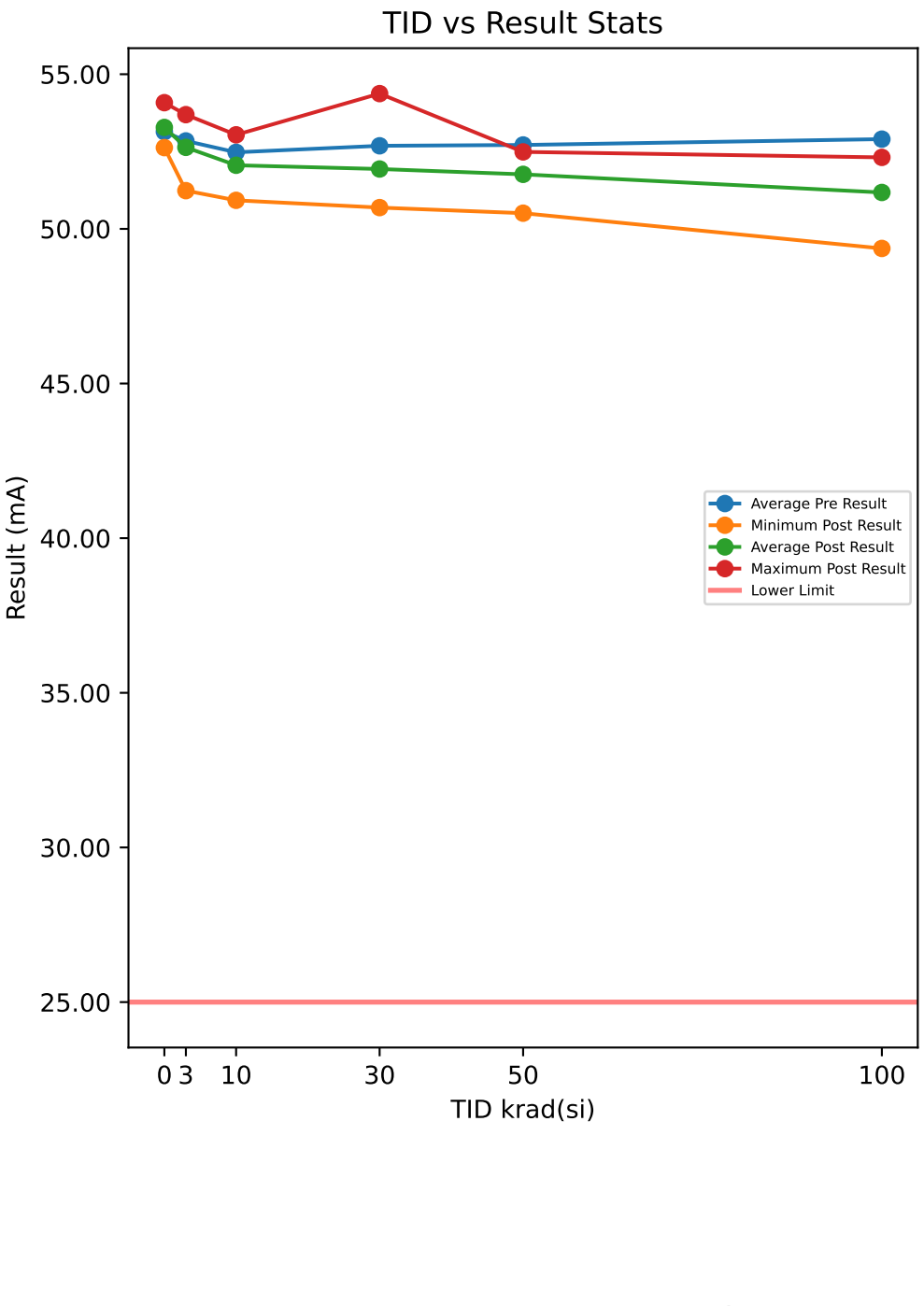
Test Results (Lower Limit = 55.0 (mA))

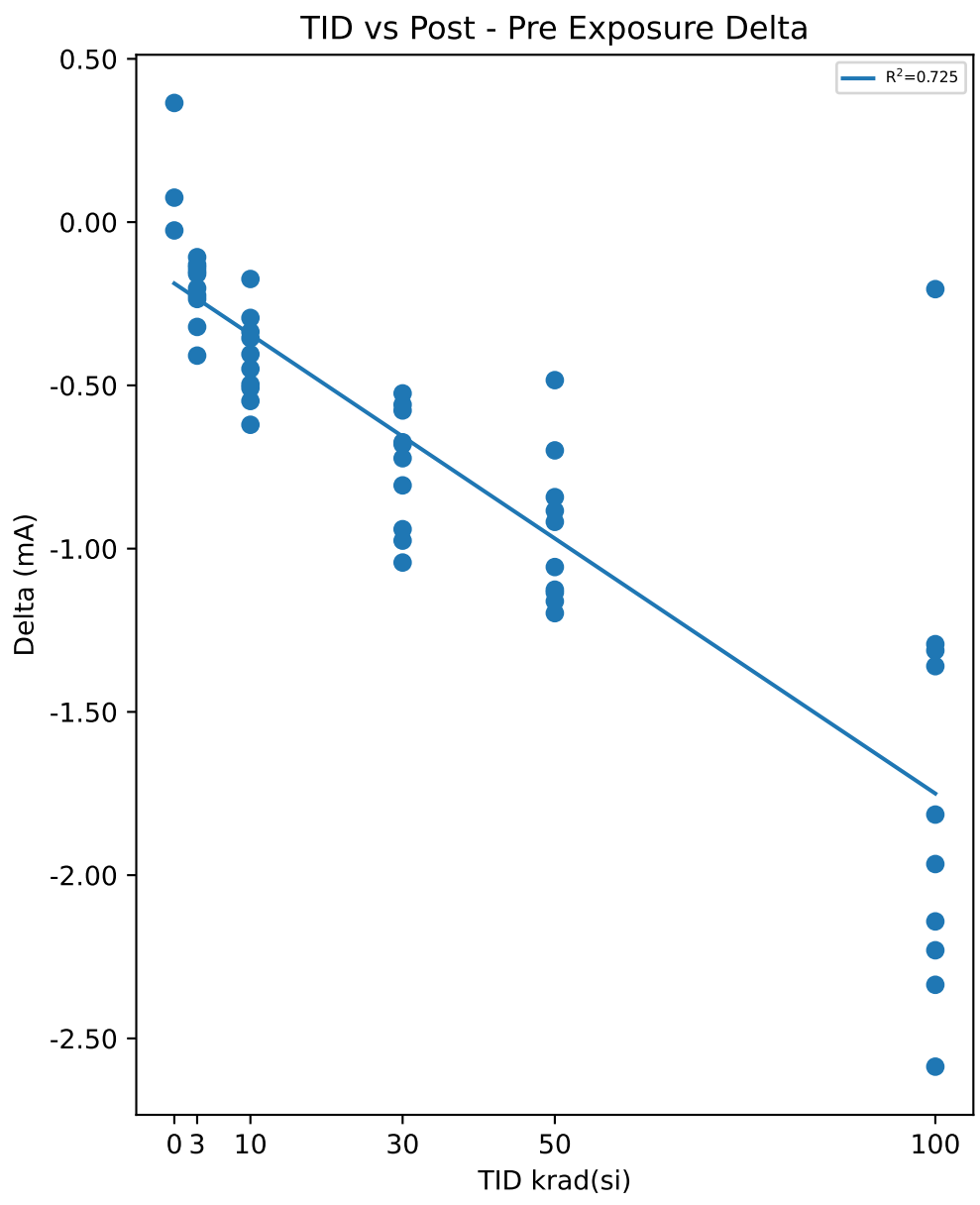
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	95.732	95.533	-0.1993
2	3	HDR BIAS	96.221	95.948	-0.2727
3	3	HDR BIAS	95.761	95.468	-0.2928
4	3	HDR BIAS	93.631	93.423	-0.2084
5	3	HDR BIAS	95.011	94.728	-0.283
6	3	HDR UNBIAS	94.201	93.978	-0.2229
7	3	HDR UNBIAS	95.104	94.917	-0.1877
8	3	HDR UNBIAS	92.795	92.397	-0.3979
9	3	HDR UNBIAS	94.897	94.383	-0.5136
10	3	HDR UNBIAS	93.778	93.596	-0.1822
11	10	HDR BIAS	92.659	91.909	-0.7502
12	10	HDR BIAS	93.242	92.612	-0.6301
13	10	HDR BIAS	93.176	92.626	-0.5496
14	10	HDR BIAS	94.005	93.288	-0.7162
15	10	HDR BIAS	95.502	94.828	-0.6735
16	10	HDR UNBIAS	94.622	94.144	-0.4782
17	10	HDR UNBIAS	94.94	94.412	-0.5289
18	10	HDR UNBIAS	94.083	93.28	-0.8025
19	10	HDR UNBIAS	95.226	94.908	-0.318
20	10	HDR UNBIAS	93.975	93.478	-0.4974
31	30	HDR BIAS	92.326	91.36	-0.9662
32	30	HDR BIAS	93.263	91.995	-1.2687
33	30	HDR BIAS	97.935	96.832	-1.1026
34	30	HDR BIAS	96.918	95.759	-1.1585
35	30	HDR BIAS	94.891	93.415	-1.4761
36	30	HDR UNBIAS	94.148	92.798	-1.3498
37	30	HDR UNBIAS	92.671	91.702	-0.9687
38	30	HDR UNBIAS	93.381	92.317	-1.064
39	30	HDR UNBIAS	94.645	93.278	-1.3668
40	30	HDR UNBIAS	94.367	93.525	-0.8416
41	50	HDR BIAS	95.086	93.779	-1.3077
42	50	HDR BIAS	93.726	91.919	-1.807
43	50	HDR BIAS	95.788	94.26	-1.5275
44	50	HDR BIAS	94.861	93.046	-1.8147
45	50	HDR BIAS	95.065	93.137	-1.9276
46	50	HDR UNBIAS	92.564	90.961	-1.6028
47	50	HDR UNBIAS	94.73	93.425	-1.3049
48	50	HDR UNBIAS	94.564	93.11	-1.4539
49	50	HDR UNBIAS	94.237	93.2	-1.0368
50	50	HDR UNBIAS	95.13	93.331	-1.7995
51	100	HDR BIAS	94.85	91.433	-3.4166
52	100	HDR BIAS	95.895	93.498	-2.3973
53	100	HDR BIAS	93.372	92.377	-0.9947
54	100	HDR BIAS	94.834	92.516	-2.3179
55	100	HDR BIAS	93.264	89.385	-3.8799
56	100	HDR UNBIAS	94.876	92.033	-2.8424
57	100	HDR UNBIAS	96.192	93.549	-2.6438
58	100	HDR UNBIAS	95.26	93.041	-2.2184
59	100	HDR UNBIAS	95.004	91.838	-3.1658
60	100	HDR UNBIAS	94.193	90.799	-3.3937
71	0	CORRELATION	96.119	96.683	0.5648
72	0	CORRELATION	95.59	95.514	-0.0768
73	0	CORRELATION	94.274	94.708	0.4341

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	94.274	95.328	96.119	0.9501	94.708	95.635	96.683	0.99338	-0.0768	0.30737	0.5648	0.33906
3	92.795	94.713	96.221	1.089	92.397	94.437	95.948	1.1043	-0.5136	-0.27605	-0.1822	0.10621
10	92.659	94.143	95.502	0.93599	91.909	93.549	94.908	1.0081	-0.8025	-0.59446	-0.318	0.1474
30	92.326	94.455	97.935	1.7885	91.36	93.298	96.832	1.7583	-1.4761	-1.1563	-0.8416	0.20506
50	92.564	94.575	95.788	0.89862	90.961	93.017	94.26	0.93586	-1.9276	-1.5582	-1.0368	0.28577
100	93.264	94.774	96.192	0.95212	89.385	92.047	93.549	1.2799	-3.8799	-2.7271	-0.9947	0.81633

Device Test: 15.3 VLDO|ILIM_VLDO_SWEEP/VLDO/5/5/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_PLUS_0P5





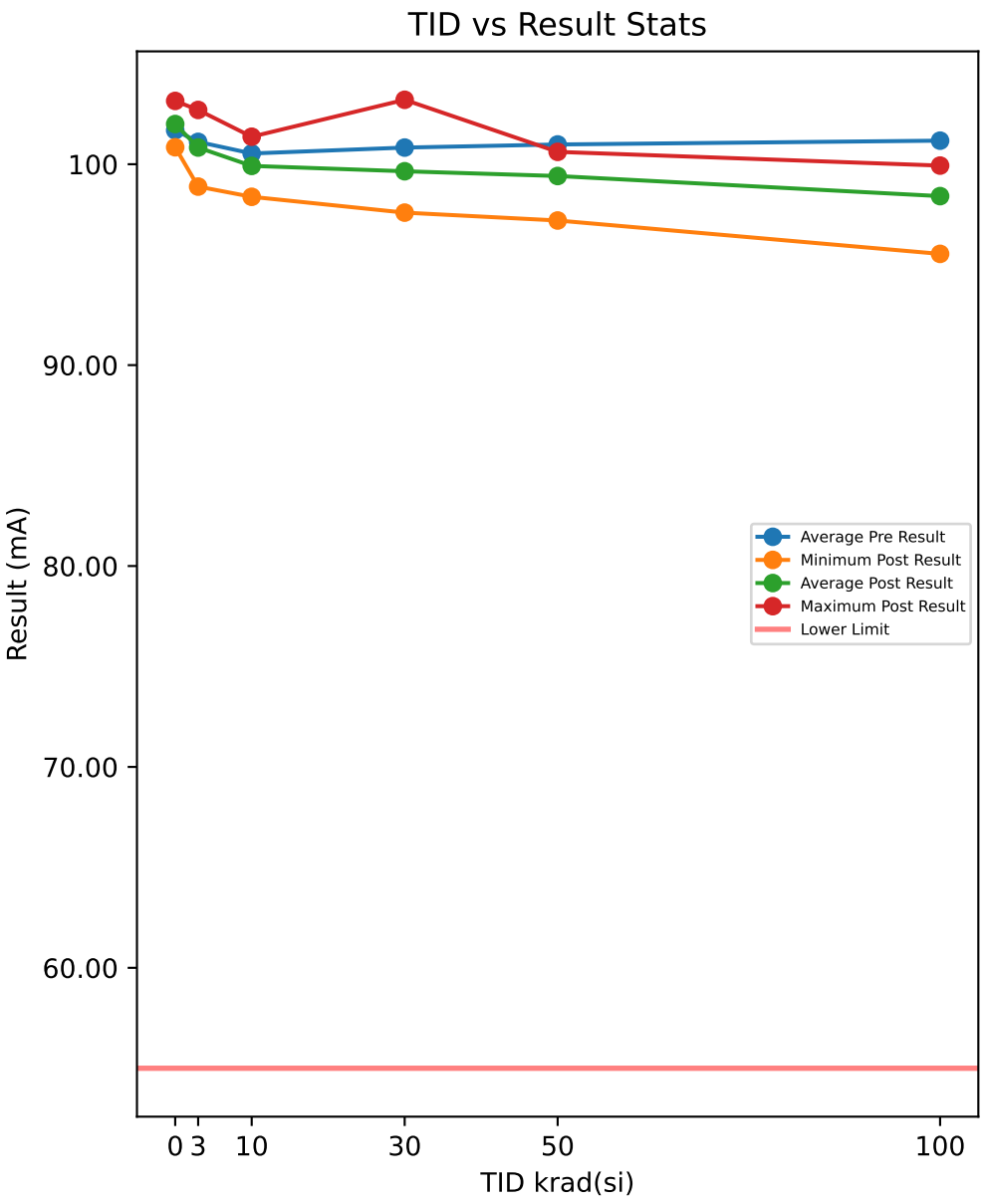
Test Results (Lower Limit = 25.0 (mA))

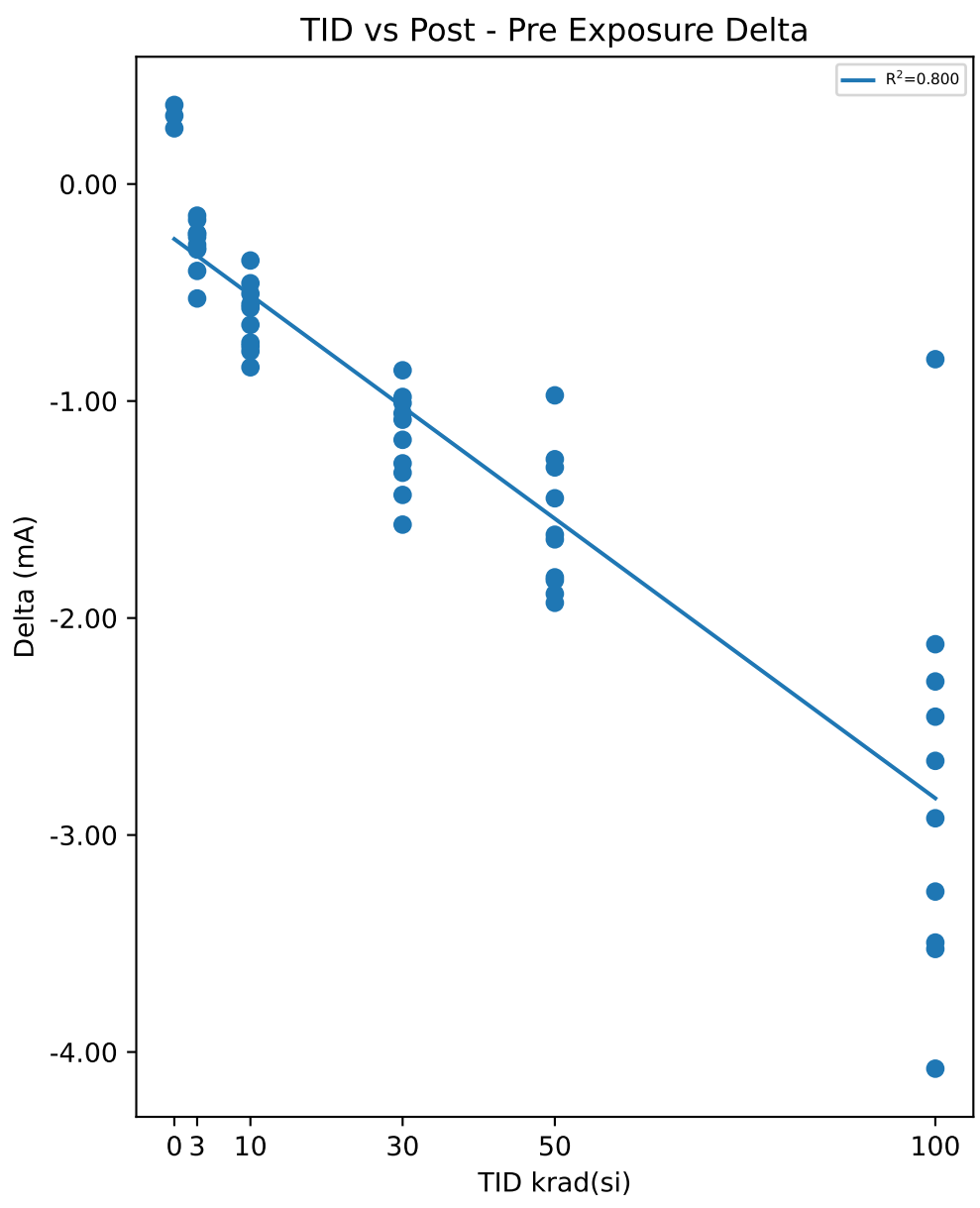
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	53.507	53.367	-0.1392
2	3	HDR BIAS	53.896	53.693	-0.2025
3	3	HDR BIAS	53.334	53.109	-0.2247
4	3	HDR BIAS	52.178	52.019	-0.1589
5	3	HDR BIAS	52.967	52.732	-0.2355
6	3	HDR UNBIAS	52.346	52.195	-0.1508
7	3	HDR UNBIAS	53.257	53.15	-0.1074
8	3	HDR UNBIAS	51.557	51.236	-0.321
9	3	HDR UNBIAS	52.855	52.446	-0.4089
10	3	HDR UNBIAS	52.538	52.408	-0.1305
11	10	HDR BIAS	51.471	50.923	-0.5478
12	10	HDR BIAS	51.874	51.424	-0.4494
13	10	HDR BIAS	51.791	51.455	-0.336
14	10	HDR BIAS	52.553	52.056	-0.4967
15	10	HDR BIAS	53.519	53.011	-0.5079
16	10	HDR UNBIAS	52.842	52.548	-0.2934
17	10	HDR UNBIAS	52.92	52.515	-0.4046
18	10	HDR UNBIAS	52.345	51.724	-0.6207
19	10	HDR UNBIAS	53.215	53.041	-0.1742
20	10	HDR UNBIAS	52.225	51.87	-0.3552
31	30	HDR BIAS	51.288	50.711	-0.5769
32	30	HDR BIAS	51.884	51.078	-0.8063
33	30	HDR BIAS	55.054	54.373	-0.6804
34	30	HDR BIAS	54.178	53.454	-0.7232
35	30	HDR BIAS	53.208	52.165	-1.0426
36	30	HDR UNBIAS	52.57	51.63	-0.9405
37	30	HDR UNBIAS	51.247	50.688	-0.5591
38	30	HDR UNBIAS	52.073	51.399	-0.6743
39	30	HDR UNBIAS	52.73	51.755	-0.9755
40	30	HDR UNBIAS	52.627	52.103	-0.5246
41	50	HDR BIAS	53.07	52.371	-0.6991
42	50	HDR BIAS	52.244	51.109	-1.1344
43	50	HDR BIAS	53.373	52.489	-0.884
44	50	HDR BIAS	52.97	51.844	-1.1257
45	50	HDR BIAS	53.083	51.885	-1.1976
46	50	HDR UNBIAS	51.564	50.507	-1.0564
47	50	HDR UNBIAS	52.766	51.924	-0.8423
48	50	HDR UNBIAS	52.663	51.745	-0.918
49	50	HDR UNBIAS	52.4	51.916	-0.484
50	50	HDR UNBIAS	52.999	51.838	-1.1612
51	100	HDR BIAS	52.303	50.161	-2.1417
52	100	HDR BIAS	53.641	52.281	-1.36
53	100	HDR BIAS	52.103	51.898	-0.2053
54	100	HDR BIAS	53.048	51.736	-1.3121
55	100	HDR BIAS	51.954	49.367	-2.5865
56	100	HDR UNBIAS	53.326	51.36	-1.966
57	100	HDR UNBIAS	53.994	52.179	-1.8145
58	100	HDR UNBIAS	53.604	52.311	-1.2926
59	100	HDR UNBIAS	52.894	50.664	-2.2301
60	100	HDR UNBIAS	52.147	49.812	-2.3358
71	0	CORRELATION	53.715	54.08	0.3649
72	0	CORRELATION	53.157	53.131	-0.0255
73	0	CORRELATION	52.552	52.627	0.0749

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	52.552	53.141	53.715	0.58185	52.627	53.279	54.08	0.73798	-0.0255	0.1381	0.3649	0.20273
3	51.557	52.843	53.896	0.70036	51.236	52.636	53.693	0.72837	-0.4089	-0.20794	-0.1074	0.094715
10	51.471	52.475	53.519	0.65776	50.923	52.057	53.041	0.70902	-0.6207	-0.41859	-0.1742	0.13292
30	51.247	52.686	55.054	1.2094	50.688	51.936	54.373	1.1802	-1.0426	-0.75034	-0.5246	0.18392
50	51.564	52.713	53.373	0.52623	50.507	51.763	52.489	0.57519	-1.1976	-0.95027	-0.484	0.23075
100	51.954	52.901	53.994	0.73763	49.367	51.177	52.311	1.0959	-2.5865	-1.7245	-0.2053	0.70002

Device Test: 15.30 VLDO|ILIM_VLDO/VLDO/6.5/6.5/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_PLUS_1





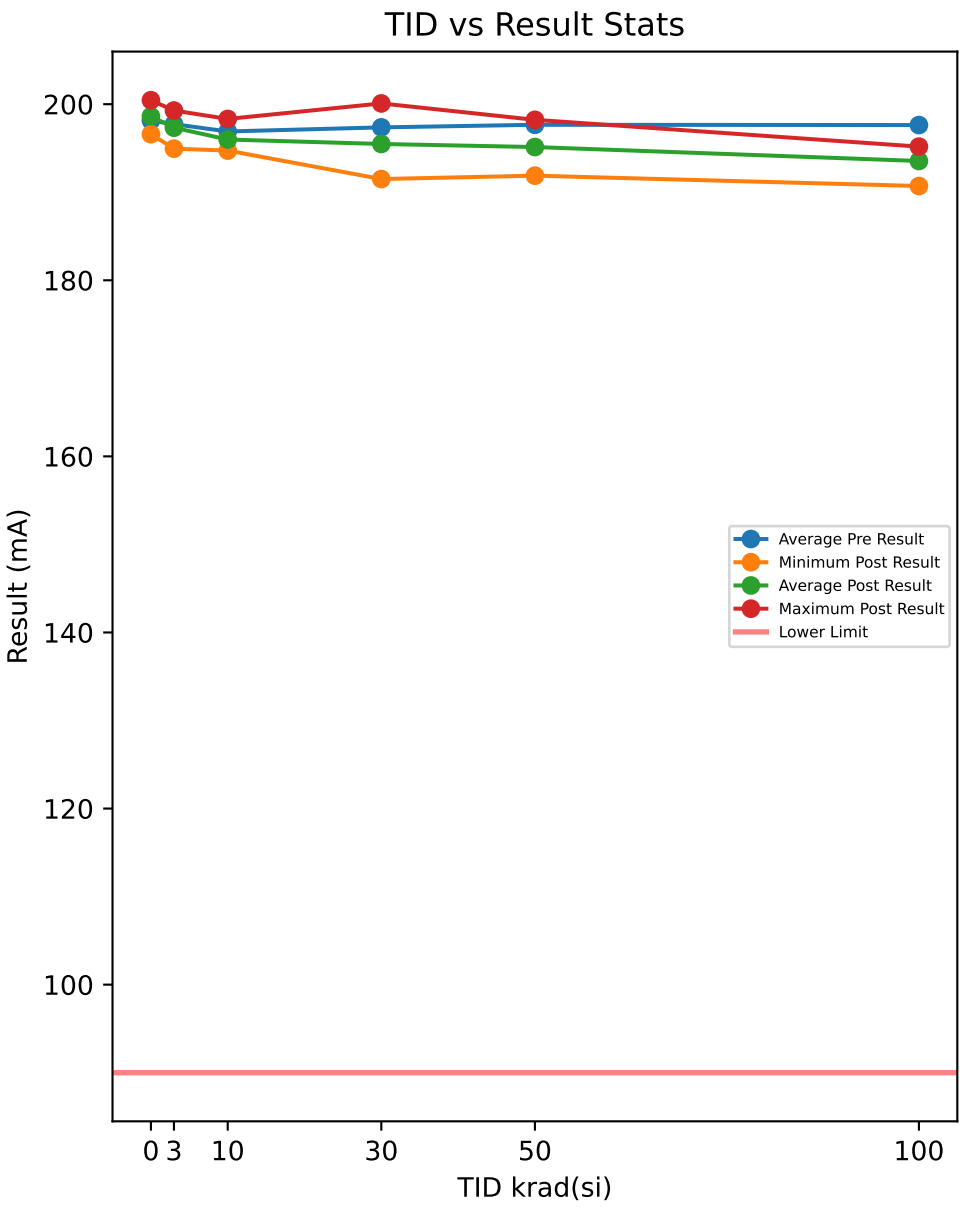
Test Results (Lower Limit = 55.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	102.19	101.95	-0.2437
2	3	HDR BIAS	103	102.7	-0.3019
3	3	HDR BIAS	102	101.7	-0.2964
4	3	HDR BIAS	99.951	99.722	-0.2282
5	3	HDR BIAS	101.6	101.32	-0.2801
6	3	HDR UNBIAS	100.32	100.09	-0.2283
7	3	HDR UNBIAS	101.5	101.36	-0.1456
8	3	HDR UNBIAS	99.286	98.886	-0.4003
9	3	HDR UNBIAS	101.08	100.55	-0.5274
10	3	HDR UNBIAS	100.2	100.03	-0.1651
11	10	HDR BIAS	99.148	98.378	-0.7707
12	10	HDR BIAS	99.369	98.72	-0.6489
13	10	HDR BIAS	99.408	98.838	-0.5707
14	10	HDR BIAS	100.61	99.86	-0.7475
15	10	HDR BIAS	101.82	101.09	-0.7306
16	10	HDR UNBIAS	101.04	100.58	-0.4572
17	10	HDR UNBIAS	101.51	100.96	-0.5538
18	10	HDR UNBIAS	100.24	99.397	-0.8445
19	10	HDR UNBIAS	101.72	101.37	-0.3524
20	10	HDR UNBIAS	100.48	99.977	-0.5055
31	30	HDR BIAS	98.6	97.59	-1.0092
32	30	HDR BIAS	99.755	98.468	-1.2871
33	30	HDR BIAS	104.29	103.21	-1.0862
34	30	HDR BIAS	103.32	102.14	-1.1787
35	30	HDR BIAS	101.58	100.01	-1.5695
36	30	HDR UNBIAS	100.36	99.034	-1.3305
37	30	HDR UNBIAS	98.9	97.919	-0.981
38	30	HDR UNBIAS	99.872	98.815	-1.0566
39	30	HDR UNBIAS	100.89	99.455	-1.4326
40	30	HDR UNBIAS	100.71	99.855	-0.8583
41	50	HDR BIAS	101.67	100.36	-1.306
42	50	HDR BIAS	99.888	98.076	-1.8125
43	50	HDR BIAS	102.23	100.62	-1.6161
44	50	HDR BIAS	101.5	99.611	-1.8884
45	50	HDR BIAS	101.31	99.376	-1.9299
46	50	HDR UNBIAS	98.836	97.198	-1.6375
47	50	HDR UNBIAS	101.34	100.07	-1.2681
48	50	HDR UNBIAS	100.83	99.38	-1.4481
49	50	HDR UNBIAS	100.54	99.564	-0.9738
50	50	HDR UNBIAS	101.7	99.876	-1.8261
51	100	HDR BIAS	100.8	97.273	-3.5251
52	100	HDR BIAS	102.39	99.932	-2.4546
53	100	HDR BIAS	99.989	99.182	-0.8072
54	100	HDR BIAS	101.13	98.837	-2.2924
55	100	HDR BIAS	99.614	95.537	-4.0767
56	100	HDR UNBIAS	101.67	98.748	-2.9228
57	100	HDR UNBIAS	102.55	99.888	-2.6582
58	100	HDR UNBIAS	101.7	99.584	-2.1207
59	100	HDR UNBIAS	101.57	98.308	-3.2605
60	100	HDR UNBIAS	100.32	96.828	-3.4955
71	0	CORRELATION	102.79	103.15	0.3645
72	0	CORRELATION	101.69	102.01	0.315
73	0	CORRELATION	100.59	100.84	0.2567

Test Statistics (mA)

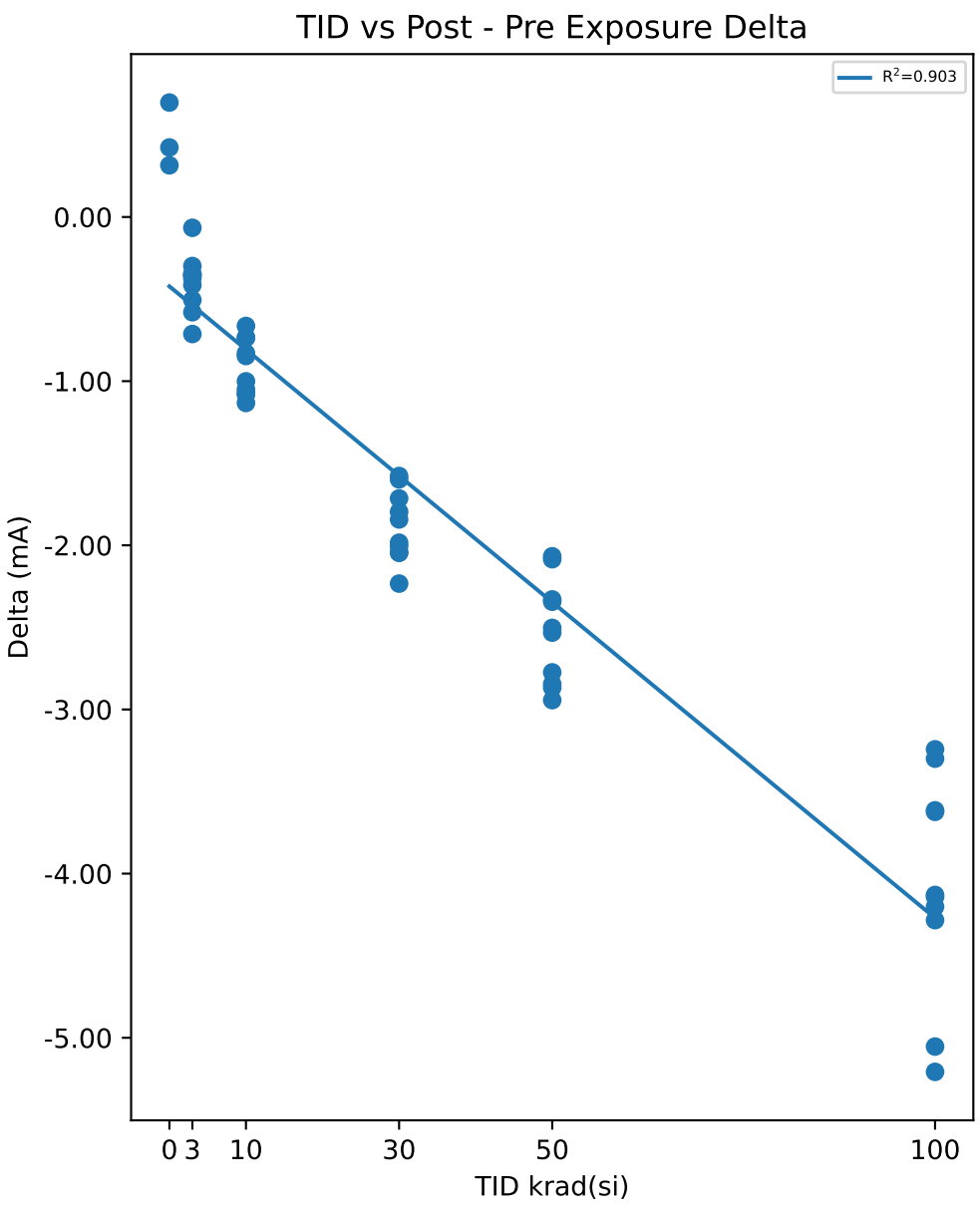
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100.59	101.69	102.79	1.0996	100.84	102	103.15	1.1535	0.2567	0.31207	0.3645	0.05396
3	99.286	101.11	103	1.1582	98.886	100.83	102.7	1.1691	-0.5274	-0.2817	-0.1456	0.11271
10	99.148	100.54	101.82	0.99518	98.378	99.917	101.37	1.0674	-0.8445	-0.61818	-0.3524	0.1565
30	98.6	100.83	104.29	1.8184	97.59	99.65	103.21	1.7881	-1.5695	-1.179	-0.8583	0.22259
50	98.836	100.98	102.23	1.0039	97.198	99.413	100.62	1.0407	-1.9299	-1.5706	-0.9738	0.31502
100	99.614	101.17	102.55	0.98552	95.537	98.412	99.932	1.4463	-4.0767	-2.7614	-0.8072	0.92385

Device Test: 15.31 VLDO|ILIM_VLDO/VLDO/7/7/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_7



Test Results (Lower Limit = 90.0 (mA))

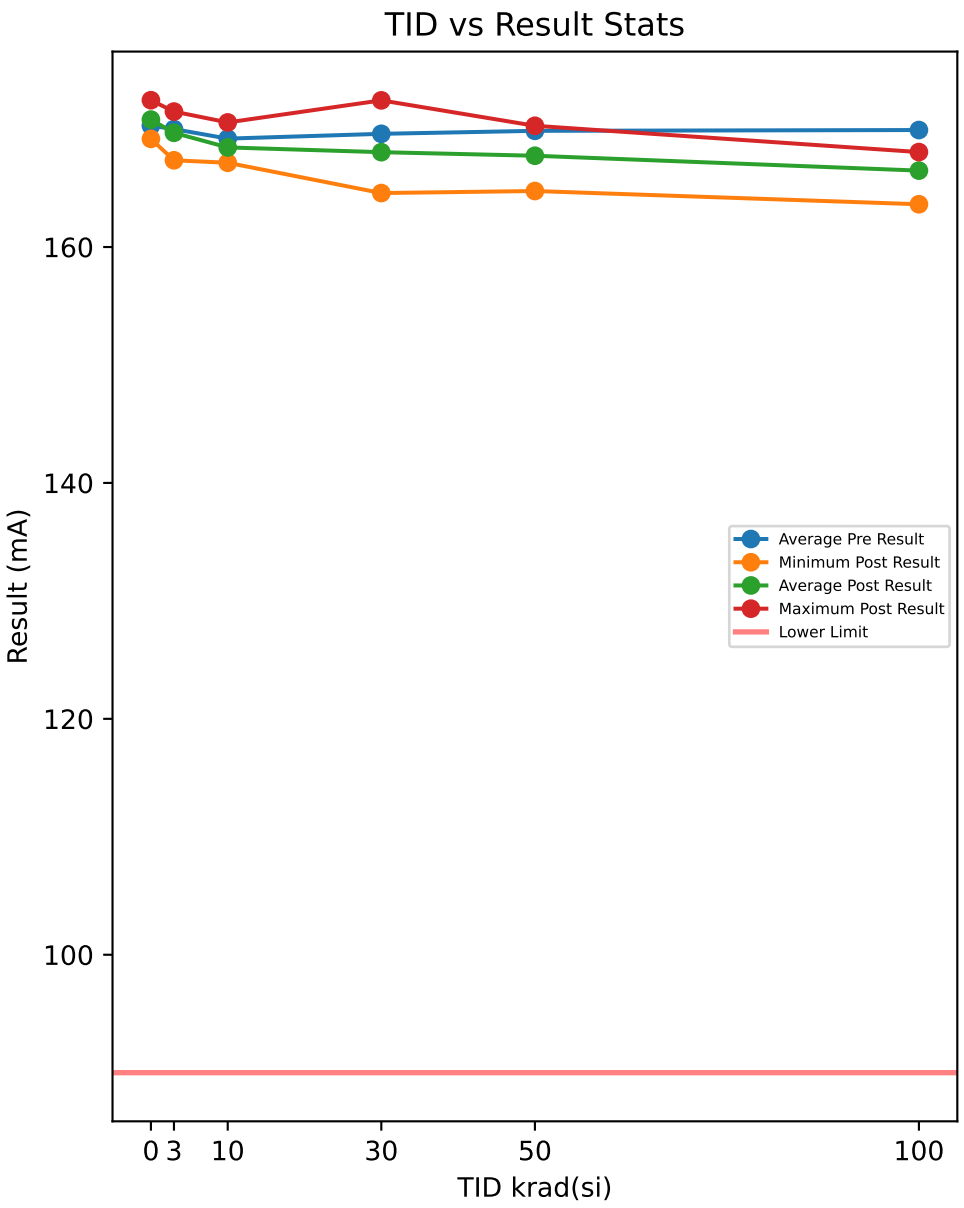
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	199.35	199.28	-0.0659
2	3	HDR BIAS	199.54	199.19	-0.3555
3	3	HDR BIAS	199.43	199.13	-0.2988
4	3	HDR BIAS	195.97	195.56	-0.4146
5	3	HDR BIAS	199.05	198.54	-0.5051
6	3	HDR UNBIAS	197.09	196.75	-0.3458
7	3	HDR UNBIAS	198.18	197.83	-0.352
8	3	HDR UNBIAS	195.53	194.95	-0.5803
9	3	HDR UNBIAS	197.58	196.87	-0.7129
10	3	HDR UNBIAS	195.6	195.22	-0.3731
11	10	HDR BIAS	195.8	194.75	-1.0504
12	10	HDR BIAS	195.81	194.73	-1.073
13	10	HDR BIAS	195.47	194.73	-0.7341
14	10	HDR BIAS	196.71	195.71	-1.0012
15	10	HDR BIAS	197.73	196.65	-1.0816
16	10	HDR UNBIAS	197.72	196.98	-0.7363
17	10	HDR UNBIAS	197.86	197.01	-0.8468
18	10	HDR UNBIAS	196.3	195.17	-1.1327
19	10	HDR UNBIAS	198.99	198.32	-0.6638
20	10	HDR UNBIAS	196.63	195.8	-0.8304
31	30	HDR BIAS	193.34	191.5	-1.8425
32	30	HDR BIAS	196.08	194.09	-1.9843
33	30	HDR BIAS	202.13	200.09	-2.0458
34	30	HDR BIAS	201.35	199.56	-1.796
35	30	HDR BIAS	197.02	194.79	-2.2332
36	30	HDR UNBIAS	197.04	195.04	-2.0058
37	30	HDR UNBIAS	195.58	193.98	-1.5983
38	30	HDR UNBIAS	195.74	194.02	-1.7145
39	30	HDR UNBIAS	197.98	195.94	-2.0432
40	30	HDR UNBIAS	197.4	195.82	-1.5779
41	50	HDR BIAS	198.29	195.75	-2.5318
42	50	HDR BIAS	195.3	192.45	-2.8448
43	50	HDR BIAS	200.73	198.23	-2.503
44	50	HDR BIAS	198.3	195.43	-2.8667
45	50	HDR BIAS	197.71	194.77	-2.9431
46	50	HDR UNBIAS	194.21	191.88	-2.3297
47	50	HDR UNBIAS	198.58	196.52	-2.0668
48	50	HDR UNBIAS	197.11	194.76	-2.3435
49	50	HDR UNBIAS	197.71	195.63	-2.0847
50	50	HDR UNBIAS	198.68	195.91	-2.774
51	100	HDR BIAS	199.41	194.2	-5.2076
52	100	HDR BIAS	199.32	195.18	-4.1418
53	100	HDR BIAS	195.6	192.36	-3.2429
54	100	HDR BIAS	196.7	192.5	-4.2014
55	100	HDR BIAS	195.76	190.71	-5.0535
56	100	HDR UNBIAS	197.05	193.43	-3.6236
57	100	HDR UNBIAS	198.63	195.01	-3.6145
58	100	HDR UNBIAS	197.44	194.14	-3.2996
59	100	HDR UNBIAS	198.61	194.48	-4.1299
60	100	HDR UNBIAS	197.77	193.49	-4.2834
71	0	CORRELATION	199.76	200.45	0.6971
72	0	CORRELATION	198.52	198.84	0.3148
73	0	CORRELATION	196.17	196.59	0.4236



Test Statistics (mA)

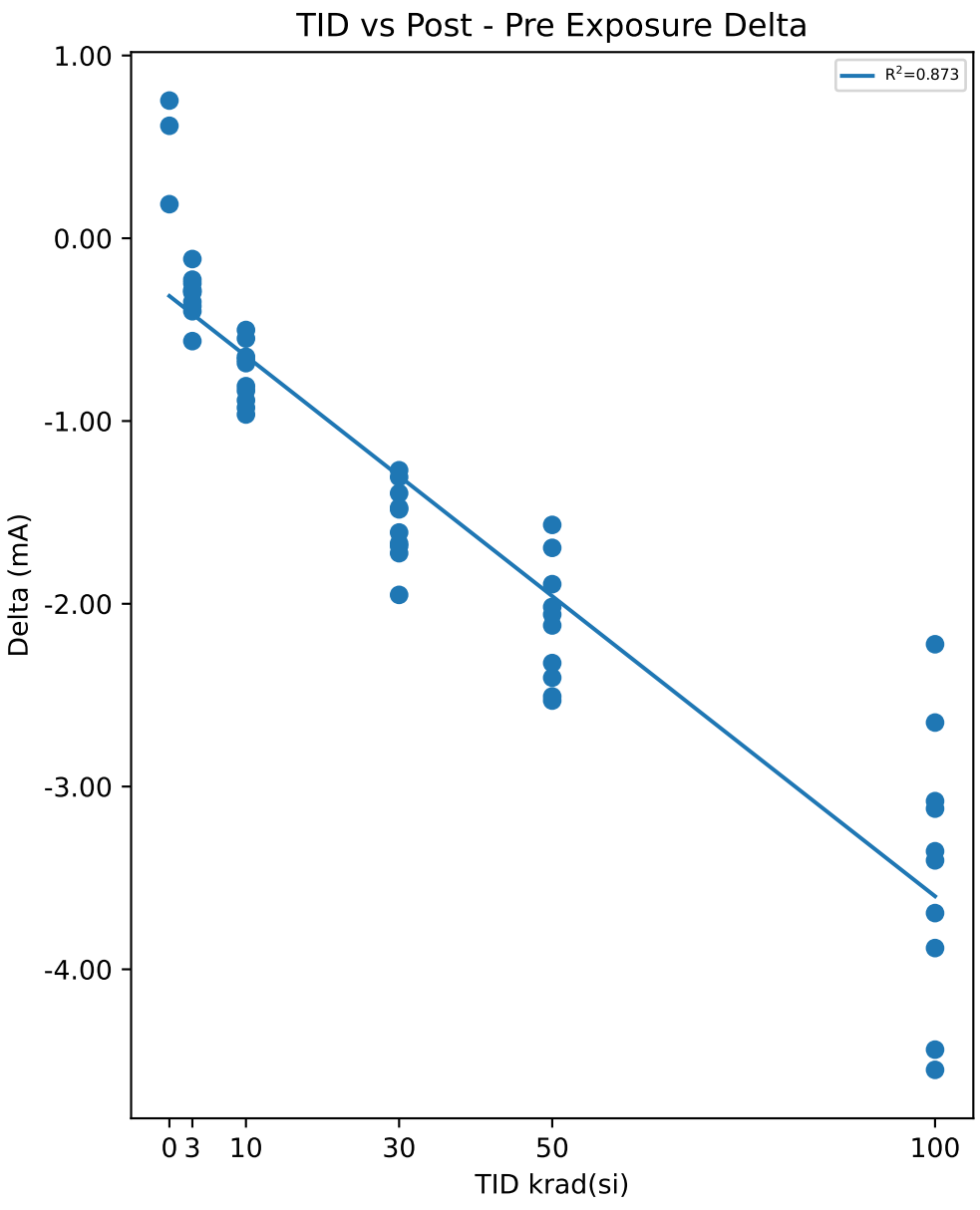
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	196.17	198.15	199.76	1.8217	196.59	198.63	200.45	1.9382	0.3148	0.4785	0.6971	0.19697
3	195.53	197.73	199.54	1.6201	194.95	197.33	199.28	1.6996	-0.7129	-0.4004	-0.0659	0.17368
10	195.47	196.9	198.99	1.1334	194.73	195.99	198.32	1.2198	-1.1327	-0.91503	-0.6638	0.17174
30	193.34	197.37	202.13	2.6446	191.5	195.48	200.09	2.6036	-2.2332	-1.8841	-1.5779	0.21393
50	194.21	197.66	200.73	1.823	191.88	195.13	198.23	1.851	-2.9431	-2.5288	-2.0668	0.32165
100	195.6	197.63	199.41	1.3675	190.71	193.55	195.18	1.3765	-5.2076	-4.0798	-3.2429	0.66803

Device Test: 15.32 VLDO|ILIM_VLDO/VLDO/7/7/0/0/5/500kHz//@V_LDO_ILIM_5_7



Test Results (Lower Limit = 90.0 (mA))

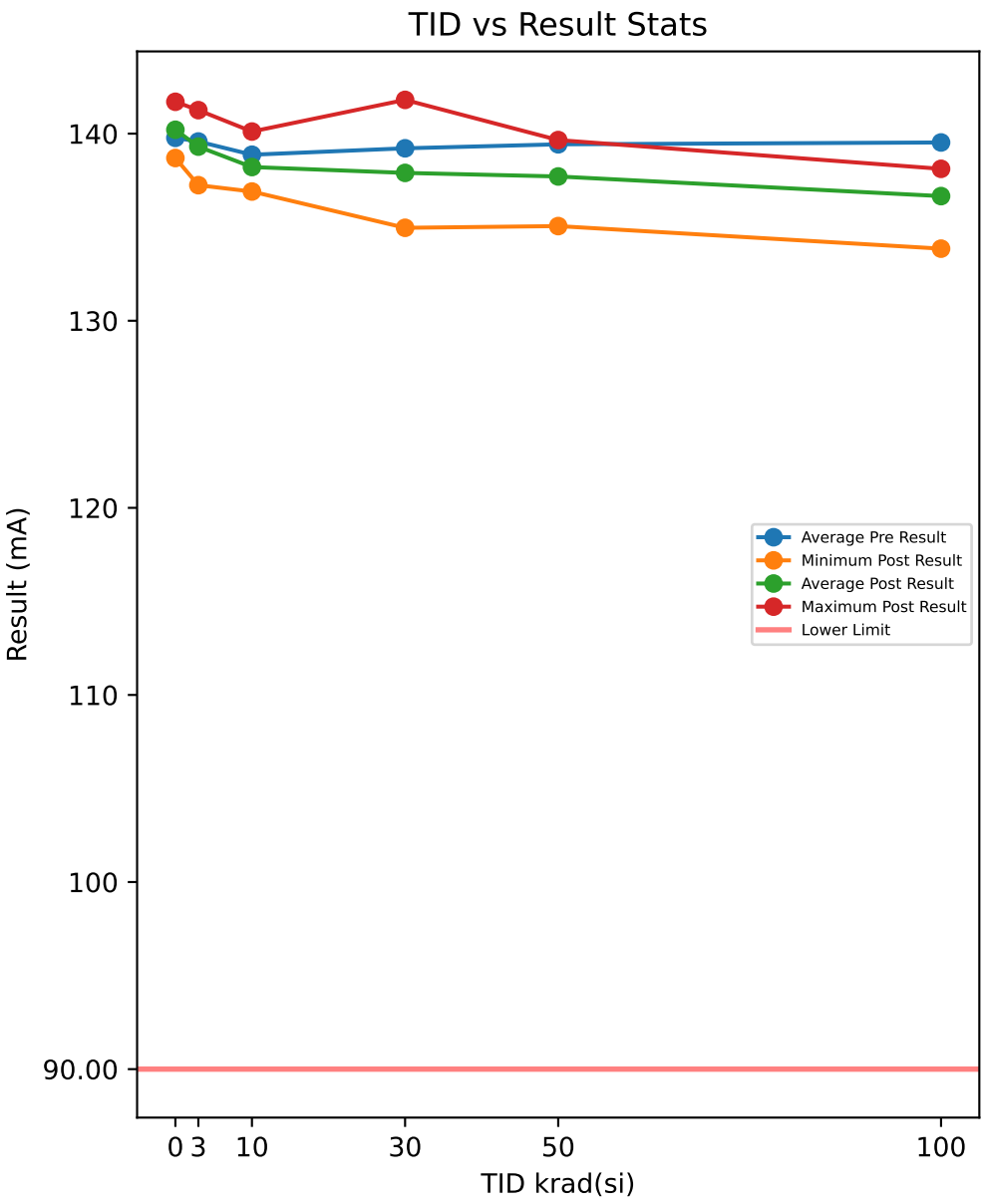
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	171.5	171.39	-0.1137
2	3	HDR BIAS	171.83	171.48	-0.3479
3	3	HDR BIAS	171.63	171.33	-0.2977
4	3	HDR BIAS	168.36	168.07	-0.2893
5	3	HDR BIAS	170.97	170.6	-0.3711
6	3	HDR UNBIAS	169.41	169.13	-0.283
7	3	HDR UNBIAS	170.33	170.1	-0.2265
8	3	HDR UNBIAS	167.75	167.35	-0.3993
9	3	HDR UNBIAS	169.94	169.37	-0.5628
10	3	HDR UNBIAS	168.25	168.01	-0.2466
11	10	HDR BIAS	167.99	167.15	-0.8338
12	10	HDR BIAS	168.26	167.45	-0.8093
13	10	HDR BIAS	167.79	167.14	-0.6483
14	10	HDR BIAS	169.07	168.18	-0.8866
15	10	HDR BIAS	170.3	169.38	-0.9271
16	10	HDR UNBIAS	169.94	169.39	-0.5485
17	10	HDR UNBIAS	169.93	169.25	-0.6833
18	10	HDR UNBIAS	168.77	167.81	-0.9644
19	10	HDR UNBIAS	171.07	170.56	-0.5019
20	10	HDR UNBIAS	168.79	168.13	-0.6633
31	30	HDR BIAS	166.06	164.58	-1.4835
32	30	HDR BIAS	168.28	166.59	-1.684
33	30	HDR BIAS	174.04	172.43	-1.6099
34	30	HDR BIAS	172.95	171.48	-1.4748
35	30	HDR BIAS	169.51	167.55	-1.9513
36	30	HDR UNBIAS	169.5	167.83	-1.6696
37	30	HDR UNBIAS	167.76	166.45	-1.3066
38	30	HDR UNBIAS	168.07	166.68	-1.3953
39	30	HDR UNBIAS	170.25	168.53	-1.7233
40	30	HDR UNBIAS	169.56	168.29	-1.2693
41	50	HDR BIAS	170.3	168.24	-2.0585
42	50	HDR BIAS	167.98	165.58	-2.4044
43	50	HDR BIAS	172.4	170.28	-2.1186
44	50	HDR BIAS	170.39	167.89	-2.5071
45	50	HDR BIAS	170.16	167.63	-2.5297
46	50	HDR UNBIAS	166.77	164.75	-2.0171
47	50	HDR UNBIAS	170.6	168.91	-1.694
48	50	HDR UNBIAS	169.6	167.7	-1.8927
49	50	HDR UNBIAS	169.72	168.16	-1.5684
50	50	HDR UNBIAS	170.6	168.27	-2.3244
51	100	HDR BIAS	170.95	166.51	-4.4396
52	100	HDR BIAS	171.4	168	-3.4041
53	100	HDR BIAS	168.14	165.92	-2.2215
54	100	HDR BIAS	169.38	166.03	-3.3541
55	100	HDR BIAS	168.18	163.63	-4.5502
56	100	HDR UNBIAS	169.65	166.53	-3.1209
57	100	HDR UNBIAS	171.13	168.05	-3.0799
58	100	HDR UNBIAS	169.88	167.23	-2.6499
59	100	HDR UNBIAS	170.5	166.8	-3.6924
60	100	HDR UNBIAS	169.97	166.09	-3.8838
71	0	CORRELATION	171.69	172.45	0.7534
72	0	CORRELATION	170.61	170.8	0.1864
73	0	CORRELATION	168.55	169.17	0.6154

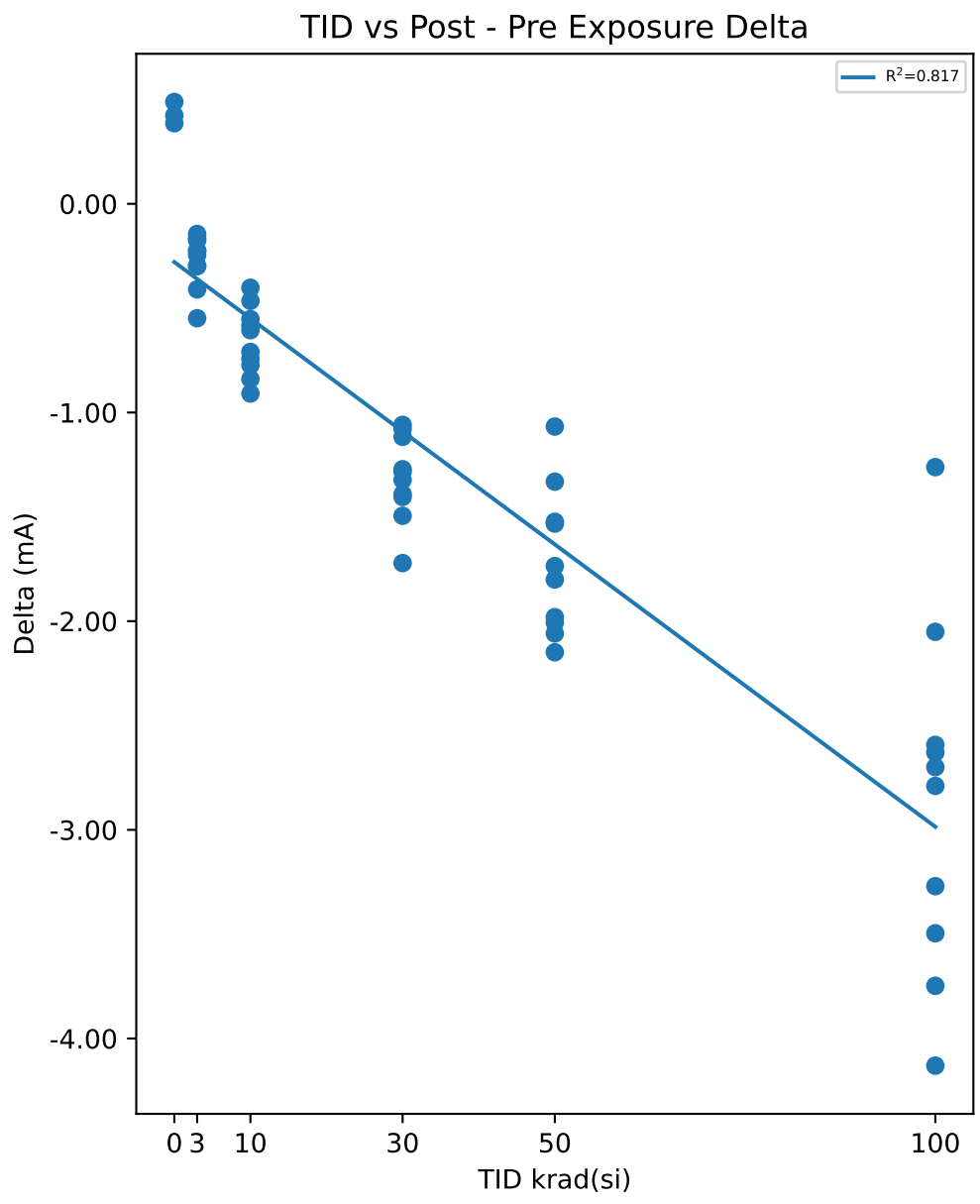


Test Statistics (mA)

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	168.55	170.29	171.69	1.5967	169.17	170.8	172.45	1.6405	0.1864	0.5184	0.7534	0.29568
3	167.75	170	171.83	1.5073	167.35	169.68	171.48	1.5317	-0.5628	-0.31379	-0.1137	0.11914
10	167.79	169.19	171.07	1.0786	167.14	168.44	170.56	1.1453	-0.9644	-0.74665	-0.5019	0.16017
30	166.06	169.6	174.04	2.3904	164.58	168.04	172.43	2.3608	-1.9513	-1.5568	-1.2693	0.21043
50	166.77	169.85	172.4	1.5381	164.75	167.74	170.28	1.5699	-2.5297	-2.1115	-1.5684	0.3319
100	168.14	169.92	171.4	1.1378	163.63	166.48	168.05	1.259	-4.5502	-3.4396	-2.2215	0.73345

Device Test: 15.33 VLDO|ILIM_VLDO/VLDO/7/7/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_7





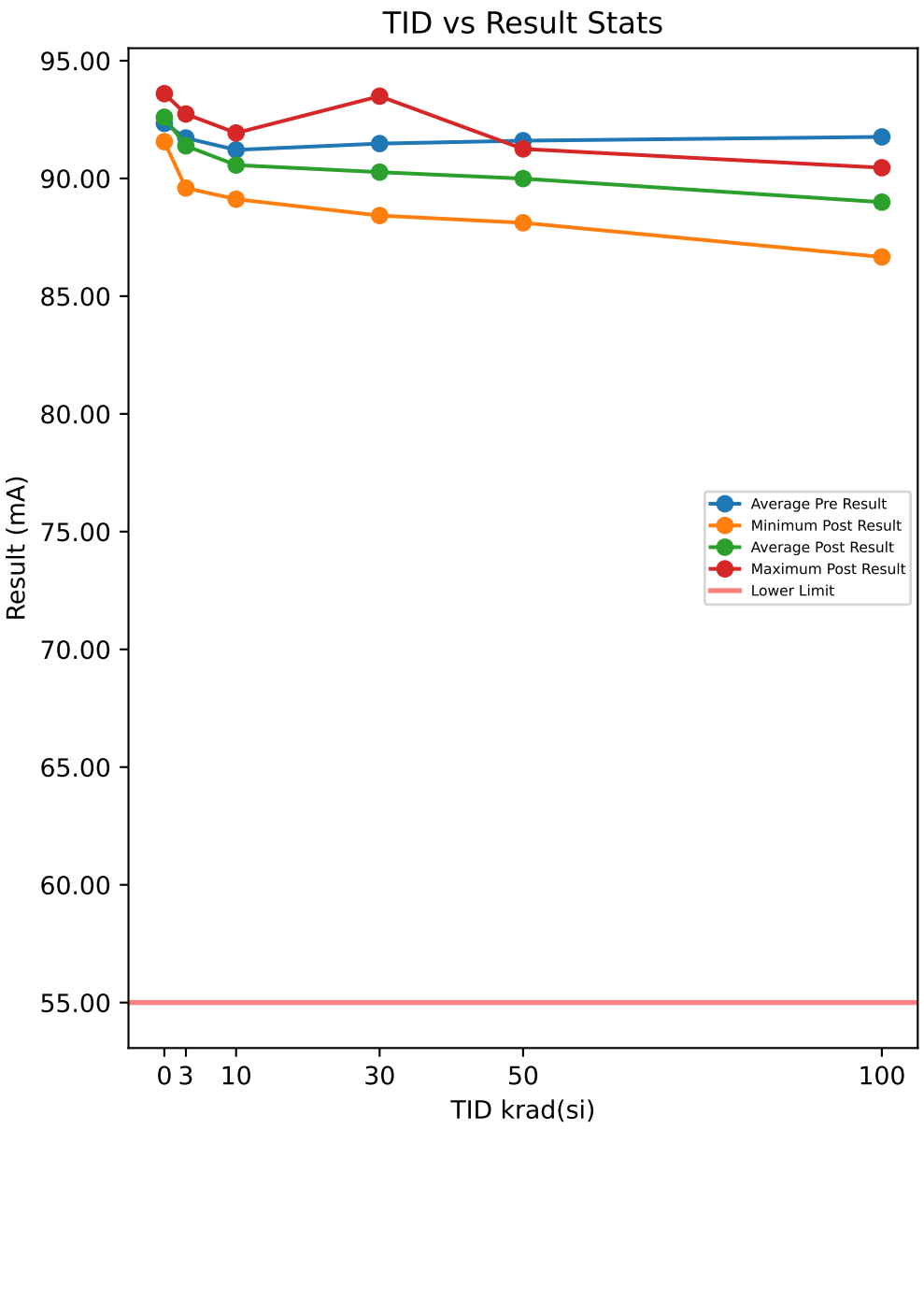
Test Results (Lower Limit = 90.0 (mA))

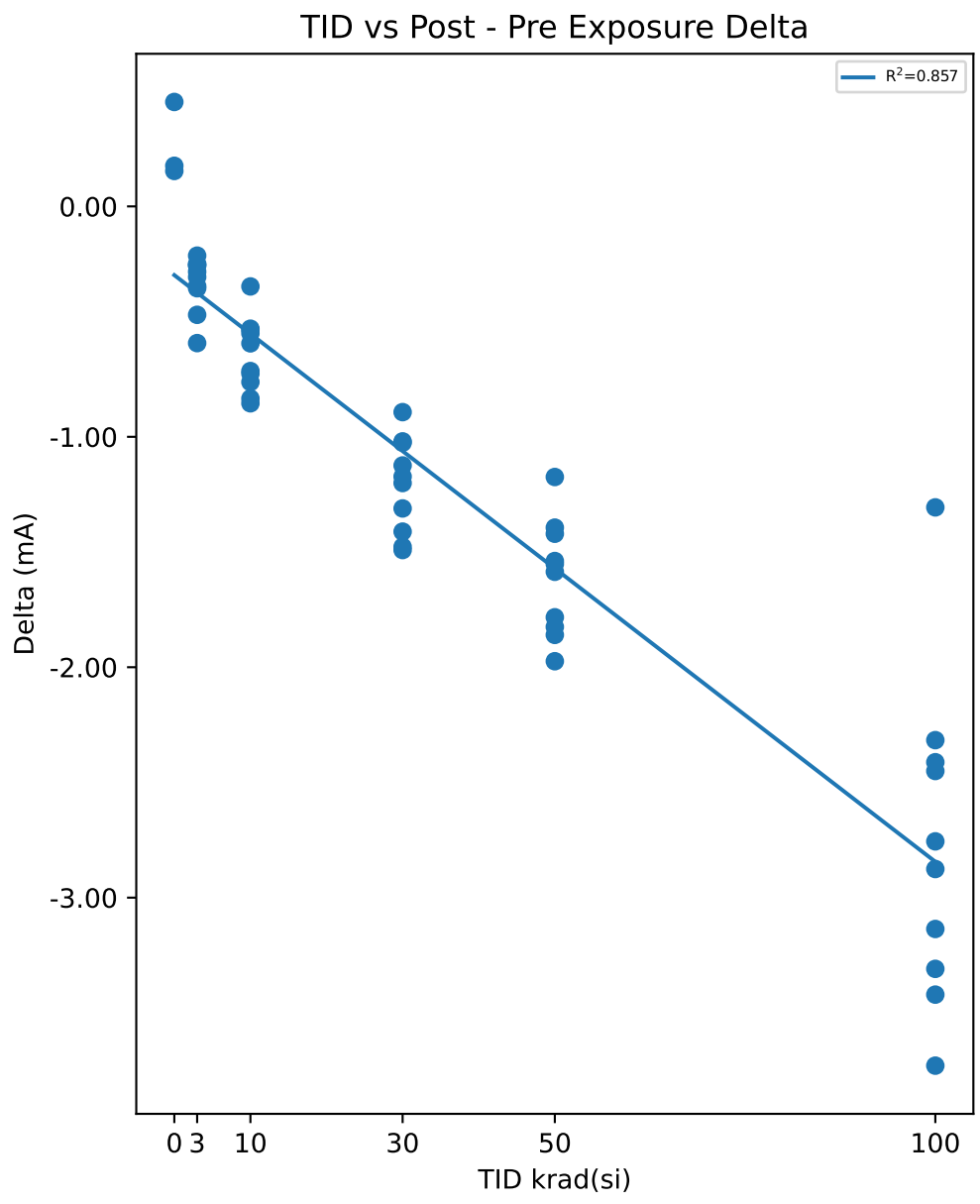
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	140.9	140.76	-0.1443
2	3	HDR BIAS	141.55	141.26	-0.2987
3	3	HDR BIAS	140.74	140.52	-0.2243
4	3	HDR BIAS	138.13	137.88	-0.2455
5	3	HDR BIAS	140.46	140.16	-0.297
6	3	HDR UNBIAS	138.74	138.52	-0.225
7	3	HDR UNBIAS	139.91	139.75	-0.1653
8	3	HDR UNBIAS	137.66	137.25	-0.41
9	3	HDR UNBIAS	139.4	138.85	-0.5482
10	3	HDR UNBIAS	138.29	138.12	-0.1746
11	10	HDR BIAS	137.79	137.02	-0.7724
12	10	HDR BIAS	137.9	137.19	-0.7097
13	10	HDR BIAS	137.51	136.91	-0.6055
14	10	HDR BIAS	139	138.26	-0.7422
15	10	HDR BIAS	139.98	139.14	-0.8394
16	10	HDR UNBIAS	139.57	139.1	-0.4646
17	10	HDR UNBIAS	139.61	139.03	-0.5831
18	10	HDR UNBIAS	138.35	137.44	-0.9089
19	10	HDR UNBIAS	140.51	140.11	-0.4023
20	10	HDR UNBIAS	138.51	137.96	-0.5524
31	30	HDR BIAS	136.24	134.97	-1.2718
32	30	HDR BIAS	138.09	136.68	-1.4046
33	30	HDR BIAS	143.09	141.81	-1.2842
34	30	HDR BIAS	141.97	140.65	-1.323
35	30	HDR BIAS	139.62	137.9	-1.7217
36	30	HDR UNBIAS	139.07	137.68	-1.3912
37	30	HDR UNBIAS	137.29	136.23	-1.0593
38	30	HDR UNBIAS	138.04	136.93	-1.1165
39	30	HDR UNBIAS	139.6	138.11	-1.4949
40	30	HDR UNBIAS	139.14	138.06	-1.0792
41	50	HDR BIAS	139.91	138.38	-1.5323
42	50	HDR BIAS	137.81	135.81	-2.0063
43	50	HDR BIAS	141.46	139.66	-1.8004
44	50	HDR BIAS	140.11	137.96	-2.149
45	50	HDR BIAS	139.67	137.61	-2.0587
46	50	HDR UNBIAS	136.79	135.06	-1.7358
47	50	HDR UNBIAS	140.16	138.82	-1.3315
48	50	HDR UNBIAS	139.19	137.67	-1.5238
49	50	HDR UNBIAS	139.07	138	-1.0674
50	50	HDR UNBIAS	140.13	138.15	-1.9807
51	100	HDR BIAS	139.56	135.81	-3.7475
52	100	HDR BIAS	140.91	138.12	-2.7894
53	100	HDR BIAS	138.29	137.03	-1.2619
54	100	HDR BIAS	139.14	136.55	-2.5929
55	100	HDR BIAS	137.98	133.85	-4.1301
56	100	HDR UNBIAS	139.85	137.15	-2.6995
57	100	HDR UNBIAS	140.71	138.08	-2.6291
58	100	HDR UNBIAS	139.81	137.76	-2.051
59	100	HDR UNBIAS	139.94	136.67	-3.2699
60	100	HDR UNBIAS	139.1	135.61	-3.4958
71	0	CORRELATION	141.21	141.7	0.4882
72	0	CORRELATION	139.8	140.22	0.4234
73	0	CORRELATION	138.31	138.7	0.3862

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	138.31	139.78	141.21	1.4519	138.7	140.21	141.7	1.5028	0.3862	0.4326	0.4882	0.051619
3	137.66	139.58	141.55	1.3366	137.25	139.31	141.26	1.3667	-0.5482	-0.27329	-0.1443	0.12428
10	137.51	138.87	140.51	1.0181	136.91	138.22	140.11	1.0933	-0.9089	-0.65805	-0.4023	0.16364
30	136.24	139.22	143.09	2.0592	134.97	137.9	141.81	2.0206	-1.7217	-1.3146	-1.0593	0.20409
50	136.79	139.43	141.46	1.3175	135.06	137.71	139.66	1.3532	-2.149	-1.7186	-1.0674	0.35054
100	137.98	139.53	140.91	0.93747	133.85	136.66	138.12	1.3105	-4.1301	-2.8667	-1.2619	0.83908

Device Test: 15.34 VLDO|ILIM_VLDO_SWEEP/VLDO/5.5/5.5/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_PLUS_1





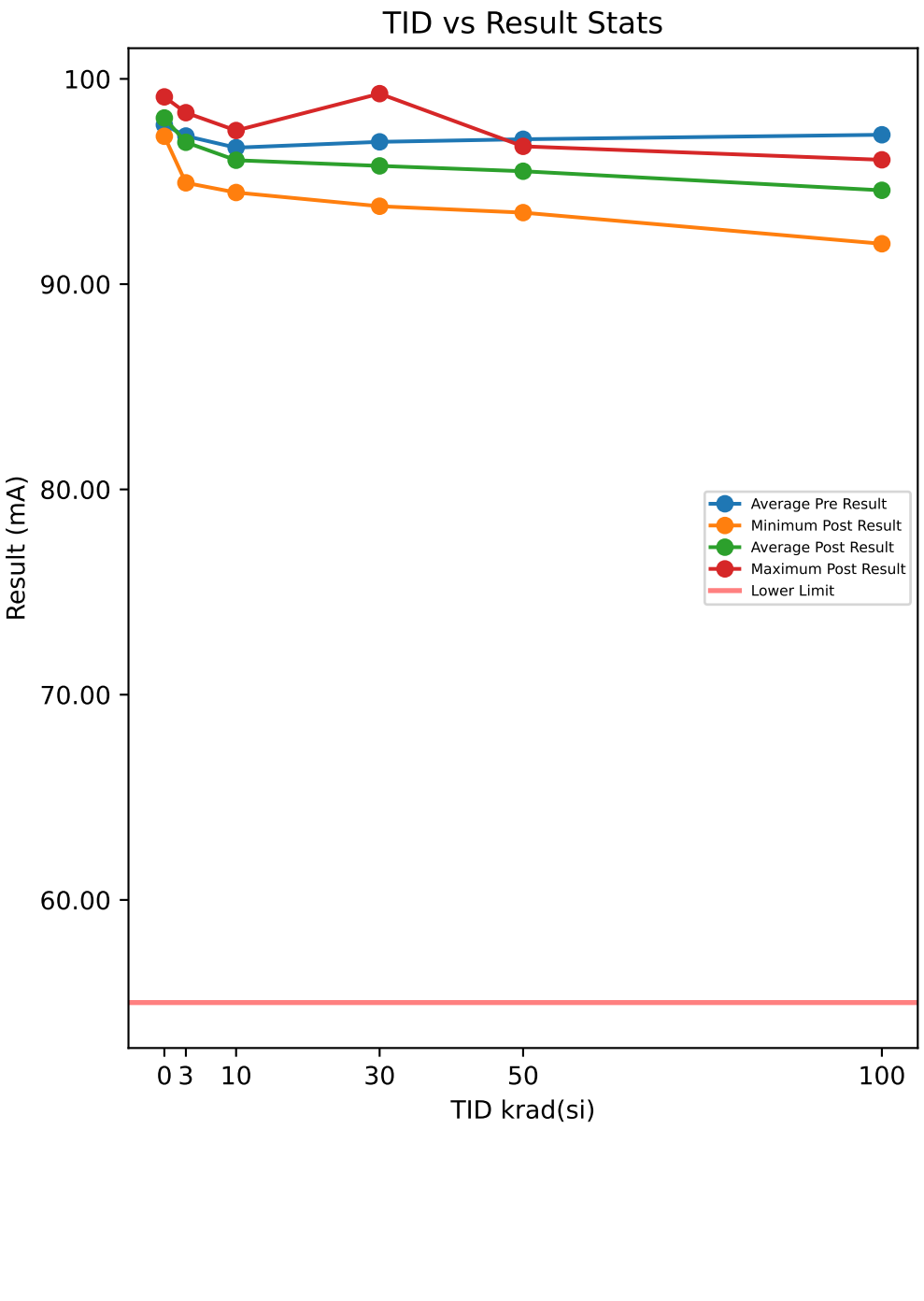
Test Results (Lower Limit = 55.0 (mA))

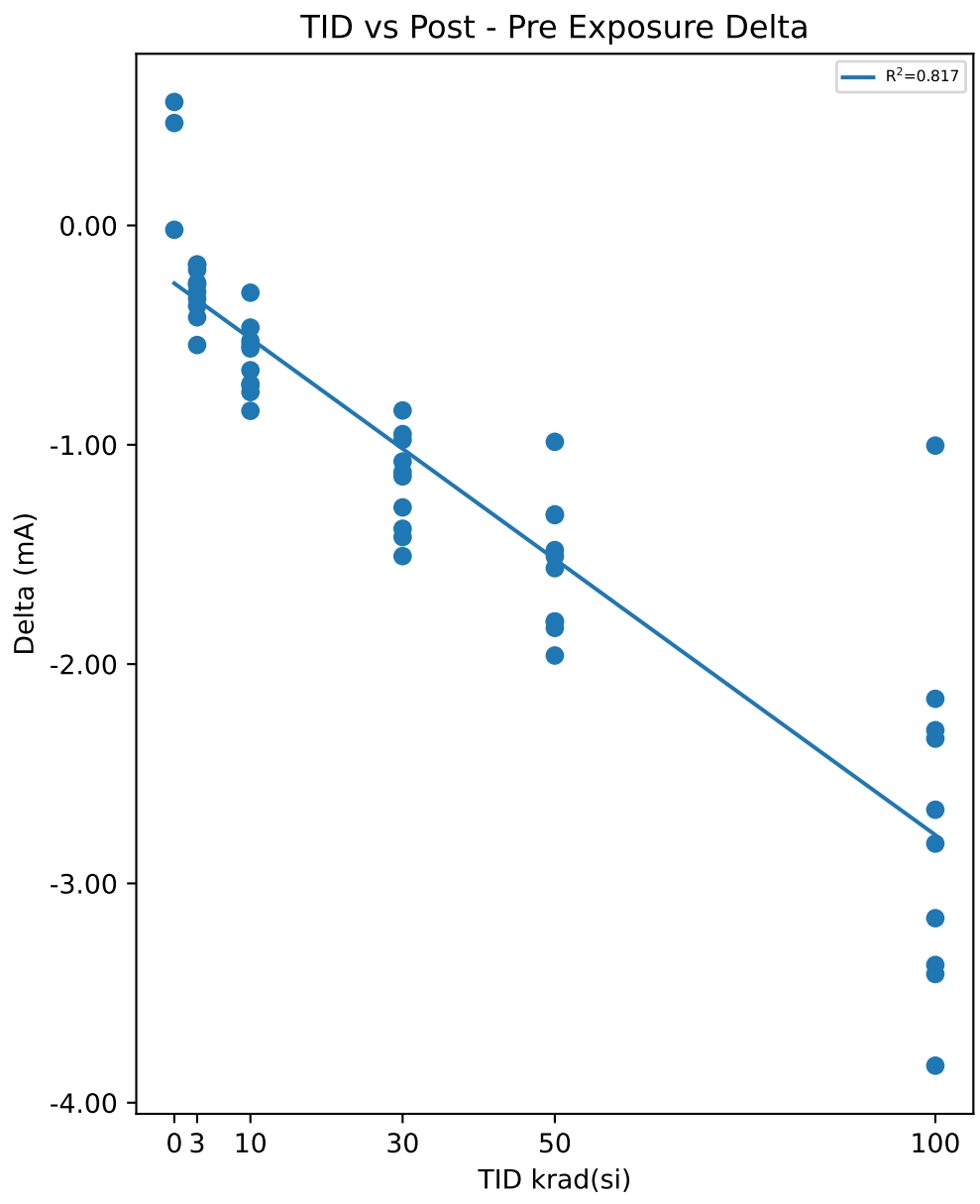
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	92.721	92.465	-0.2558
2	3	HDR BIAS	93.042	92.735	-0.3066
3	3	HDR BIAS	92.605	92.259	-0.3457
4	3	HDR BIAS	90.741	90.486	-0.255
5	3	HDR BIAS	92.089	91.734	-0.3552
6	3	HDR UNBIAS	91.15	90.866	-0.2837
7	3	HDR UNBIAS	92.165	91.952	-0.2137
8	3	HDR UNBIAS	90.064	89.593	-0.4706
9	3	HDR UNBIAS	91.746	91.153	-0.5933
10	3	HDR UNBIAS	90.837	90.588	-0.2491
11	10	HDR BIAS	89.952	89.118	-0.8338
12	10	HDR BIAS	90.199	89.474	-0.7257
13	10	HDR BIAS	90.376	89.84	-0.536
14	10	HDR BIAS	91.082	90.32	-0.7623
15	10	HDR BIAS	92.271	91.557	-0.7146
16	10	HDR UNBIAS	91.662	91.131	-0.5309
17	10	HDR UNBIAS	92.064	91.469	-0.5944
18	10	HDR UNBIAS	91.091	90.237	-0.8546
19	10	HDR UNBIAS	92.278	91.93	-0.3474
20	10	HDR UNBIAS	91.145	90.594	-0.5509
31	30	HDR BIAS	89.448	88.423	-1.0256
32	30	HDR BIAS	90.49	89.179	-1.3109
33	30	HDR BIAS	94.665	93.492	-1.1724
34	30	HDR BIAS	93.992	92.791	-1.2006
35	30	HDR BIAS	91.815	90.323	-1.4914
36	30	HDR UNBIAS	90.987	89.576	-1.4115
37	30	HDR UNBIAS	89.881	88.861	-1.0199
38	30	HDR UNBIAS	90.499	89.375	-1.1243
39	30	HDR UNBIAS	91.602	90.124	-1.4774
40	30	HDR UNBIAS	91.413	90.521	-0.8929
41	50	HDR BIAS	92.18	90.786	-1.3942
42	50	HDR BIAS	90.651	88.826	-1.825
43	50	HDR BIAS	92.804	91.252	-1.5519
44	50	HDR BIAS	91.91	90.127	-1.7833
45	50	HDR BIAS	91.923	89.949	-1.974
46	50	HDR UNBIAS	89.701	88.115	-1.5858
47	50	HDR UNBIAS	91.801	90.38	-1.4207
48	50	HDR UNBIAS	91.367	89.828	-1.5391
49	50	HDR UNBIAS	91.434	90.26	-1.1744
50	50	HDR UNBIAS	92.256	90.396	-1.8597
51	100	HDR BIAS	91.987	88.566	-3.4209
52	100	HDR BIAS	92.867	90.454	-2.4123
53	100	HDR BIAS	90.397	89.09	-1.3063
54	100	HDR BIAS	91.698	89.247	-2.4504
55	100	HDR BIAS	90.393	86.664	-3.7292
56	100	HDR UNBIAS	91.788	88.912	-2.8758
57	100	HDR UNBIAS	92.978	90.222	-2.7558
58	100	HDR UNBIAS	92.215	89.898	-2.3165
59	100	HDR UNBIAS	92.181	89.045	-3.136
60	100	HDR UNBIAS	91.131	87.822	-3.3091
71	0	CORRELATION	93.147	93.6	0.4532
72	0	CORRELATION	92.479	92.632	0.1537
73	0	CORRELATION	91.383	91.559	0.1762

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	91.383	92.336	93.147	0.8906	91.559	92.597	93.6	1.021	0.1537	0.26103	0.4532	0.1668
3	90.064	91.716	93.042	0.98173	89.593	91.383	92.735	1.0097	-0.5933	-0.33287	-0.2137	0.11728
10	89.952	91.212	92.278	0.8521	89.118	90.567	91.93	0.94076	-0.8546	-0.64506	-0.3474	0.15971
30	89.448	91.479	94.665	1.6817	88.423	90.267	93.492	1.6566	-1.4914	-1.2127	-0.8929	0.20573
50	89.701	91.603	92.804	0.88478	88.115	89.992	91.252	0.91486	-1.974	-1.6108	-1.1744	0.24771
100	90.393	91.763	92.978	0.8988	86.664	88.992	90.454	1.1318	-3.7292	-2.7712	-1.3063	0.69585

Device Test: 15.35 VLDO|ILIM_VLDO_SWEEP/VLDO/6/6/0/0/5/500kHz//@V_LDO_ILIM_5_PLUS_1





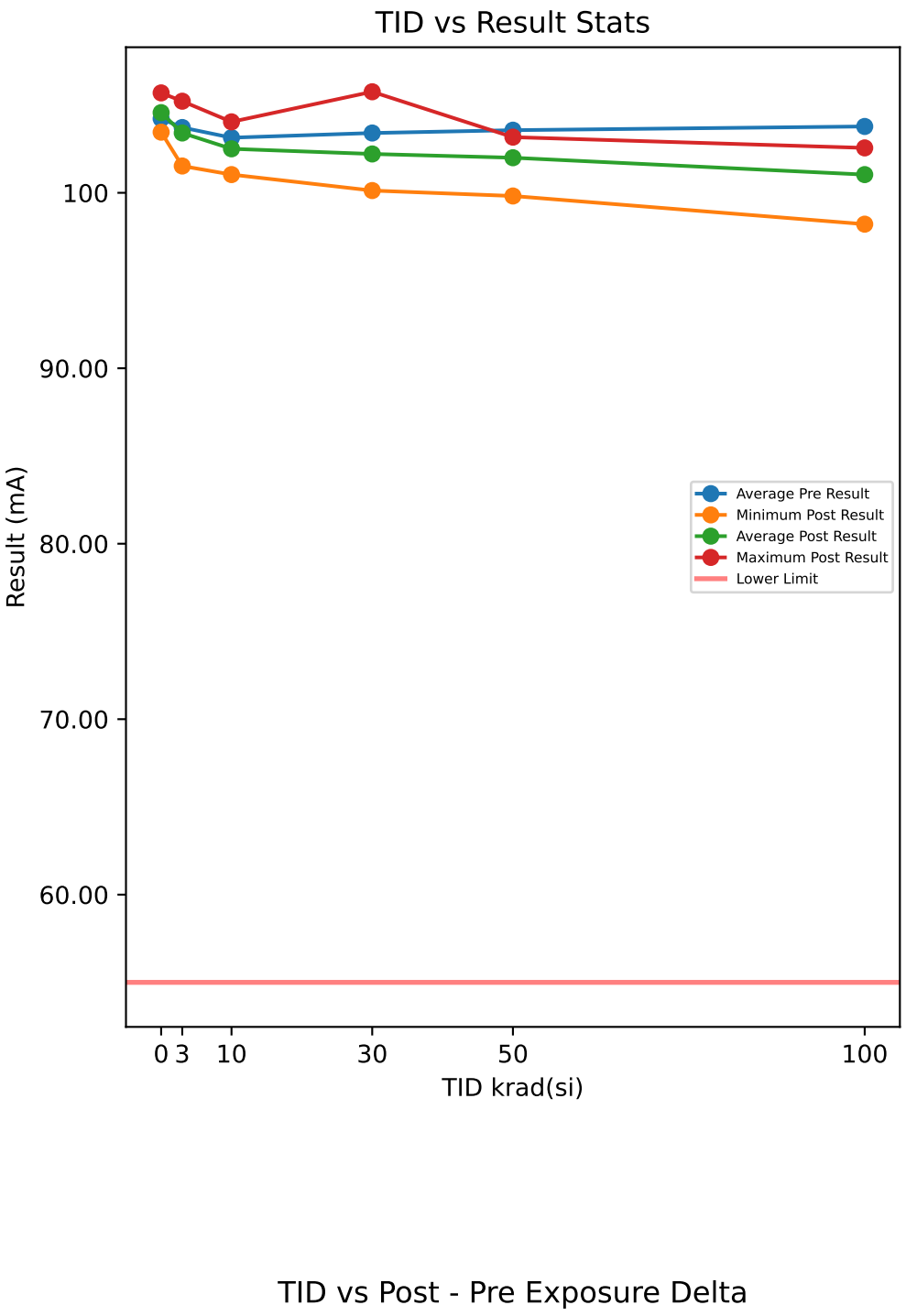
Test Results (Lower Limit = 55.0 (mA))

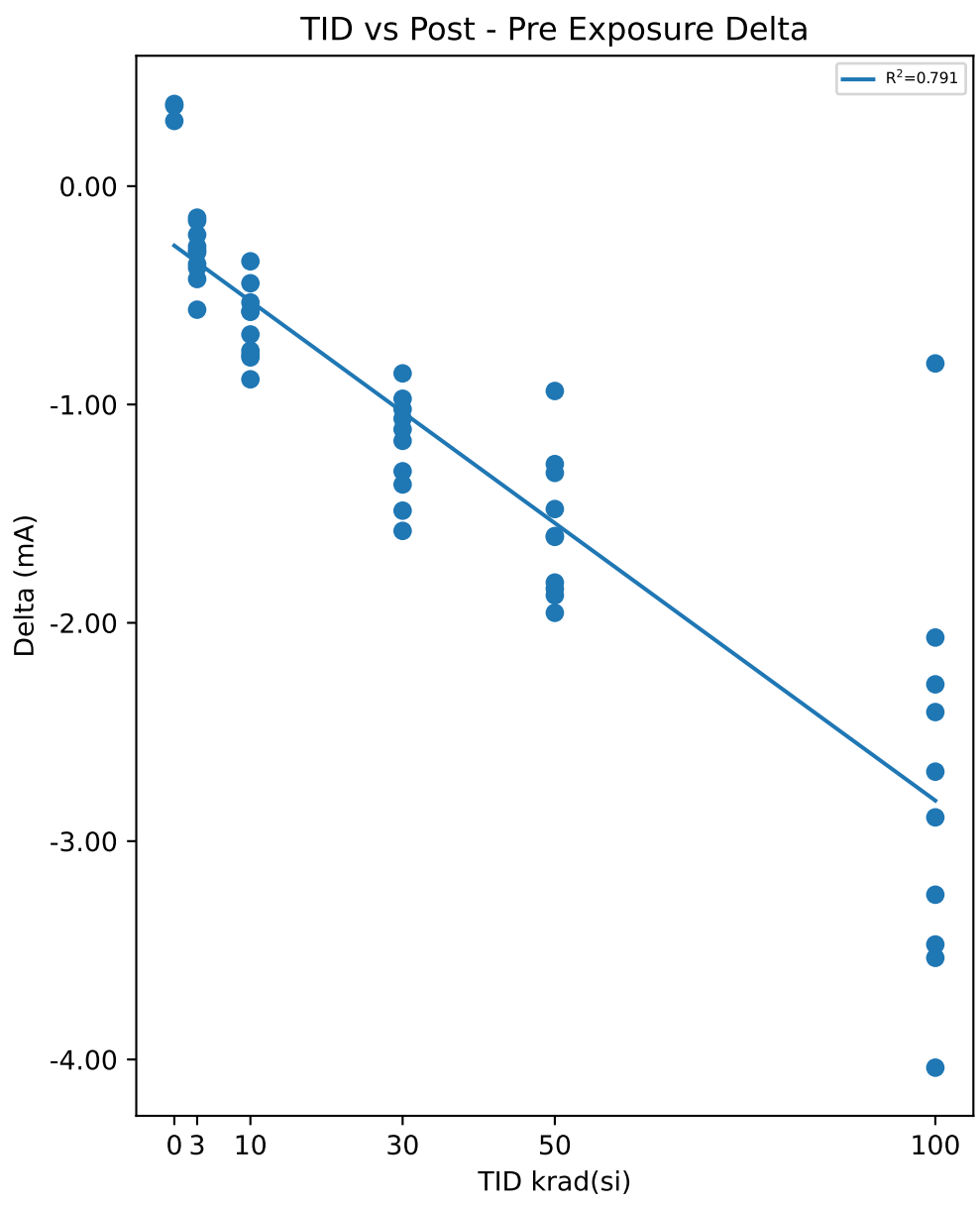
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	98.263	98.001	-0.2613
2	3	HDR BIAS	98.687	98.353	-0.3335
3	3	HDR BIAS	98.322	97.956	-0.3664
4	3	HDR BIAS	96.109	95.906	-0.2024
5	3	HDR BIAS	97.493	97.19	-0.3034
6	3	HDR UNBIAS	96.708	96.437	-0.2703
7	3	HDR UNBIAS	97.594	97.416	-0.1781
8	3	HDR UNBIAS	95.354	94.935	-0.4187
9	3	HDR UNBIAS	97.324	96.779	-0.5451
10	3	HDR UNBIAS	96.317	96.139	-0.1783
11	10	HDR BIAS	95.224	94.464	-0.7596
12	10	HDR BIAS	95.741	95.08	-0.6602
13	10	HDR BIAS	95.689	95.142	-0.5468
14	10	HDR BIAS	96.492	95.764	-0.7286
15	10	HDR BIAS	97.966	97.243	-0.7225
16	10	HDR UNBIAS	97.089	96.623	-0.4657
17	10	HDR UNBIAS	97.413	96.852	-0.5608
18	10	HDR UNBIAS	96.642	95.797	-0.8453
19	10	HDR UNBIAS	97.791	97.484	-0.3066
20	10	HDR UNBIAS	96.444	95.917	-0.5265
31	30	HDR BIAS	94.772	93.795	-0.9776
32	30	HDR BIAS	95.787	94.501	-1.2857
33	30	HDR BIAS	100.4	99.281	-1.1241
34	30	HDR BIAS	99.347	98.203	-1.1443
35	30	HDR BIAS	97.331	95.823	-1.5077
36	30	HDR UNBIAS	96.674	95.291	-1.3829
37	30	HDR UNBIAS	95.129	94.177	-0.9515
38	30	HDR UNBIAS	95.833	94.757	-1.0764
39	30	HDR UNBIAS	97.249	95.828	-1.4209
40	30	HDR UNBIAS	96.8	95.956	-0.8436
41	50	HDR BIAS	97.514	96.194	-1.3208
42	50	HDR BIAS	96.246	94.411	-1.8351
43	50	HDR BIAS	98.222	96.713	-1.5088
44	50	HDR BIAS	97.36	95.554	-1.8061
45	50	HDR BIAS	97.589	95.628	-1.9609
46	50	HDR UNBIAS	95.047	93.484	-1.5627
47	50	HDR UNBIAS	97.214	95.896	-1.3173
48	50	HDR UNBIAS	97.024	95.543	-1.4802
49	50	HDR UNBIAS	96.77	95.784	-0.9866
50	50	HDR UNBIAS	97.604	95.798	-1.806
51	100	HDR BIAS	97.334	93.92	-3.4133
52	100	HDR BIAS	98.365	96.025	-2.3399
53	100	HDR BIAS	95.861	94.857	-1.0038
54	100	HDR BIAS	97.379	95.078	-2.3015
55	100	HDR BIAS	95.799	91.968	-3.8311
56	100	HDR UNBIAS	97.364	94.545	-2.8186
57	100	HDR UNBIAS	98.721	96.057	-2.6641
58	100	HDR UNBIAS	97.74	95.582	-2.1584
59	100	HDR UNBIAS	97.483	94.324	-3.1588
60	100	HDR UNBIAS	96.728	93.356	-3.372
71	0	CORRELATION	98.56	99.123	0.5631
72	0	CORRELATION	97.982	97.962	-0.0197
73	0	CORRELATION	96.737	97.204	0.4672

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	96.737	97.759	98.56	0.93144	97.204	98.096	99.123	0.96634	-0.0197	0.33687	0.5631	0.3125
3	95.354	97.217	98.687	1.0788	94.935	96.911	98.353	1.0773	-0.5451	-0.30575	-0.1781	0.11593
10	95.224	96.649	97.966	0.9226	94.464	96.037	97.484	0.99416	-0.8453	-0.61226	-0.3066	0.16097
30	94.772	96.933	100.4	1.7849	93.795	95.761	99.281	1.7509	-1.5077	-1.1715	-0.8436	0.22073
50	95.047	97.059	98.222	0.88486	93.484	95.501	96.713	0.91591	-1.9609	-1.5585	-0.9866	0.30025
100	95.799	97.277	98.721	0.94502	91.968	94.571	96.057	1.2658	-3.8311	-2.7061	-1.0038	0.81132

Device Test: 15.36 VLDO|ILIM_VLDO_SWEEP/VLDO/6.5/6.5/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_PLUS_1





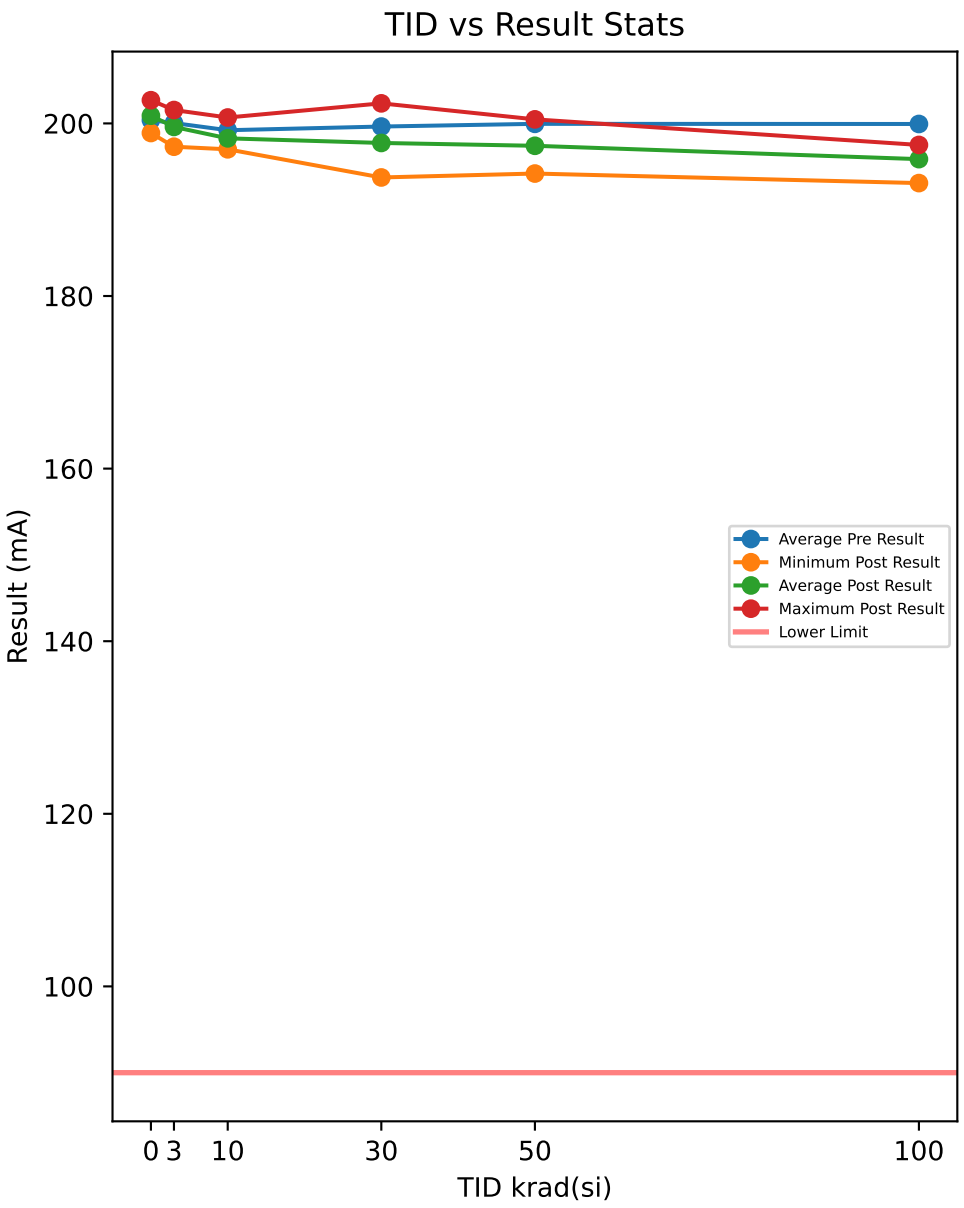
Test Results (Lower Limit = 55.0 (mA))

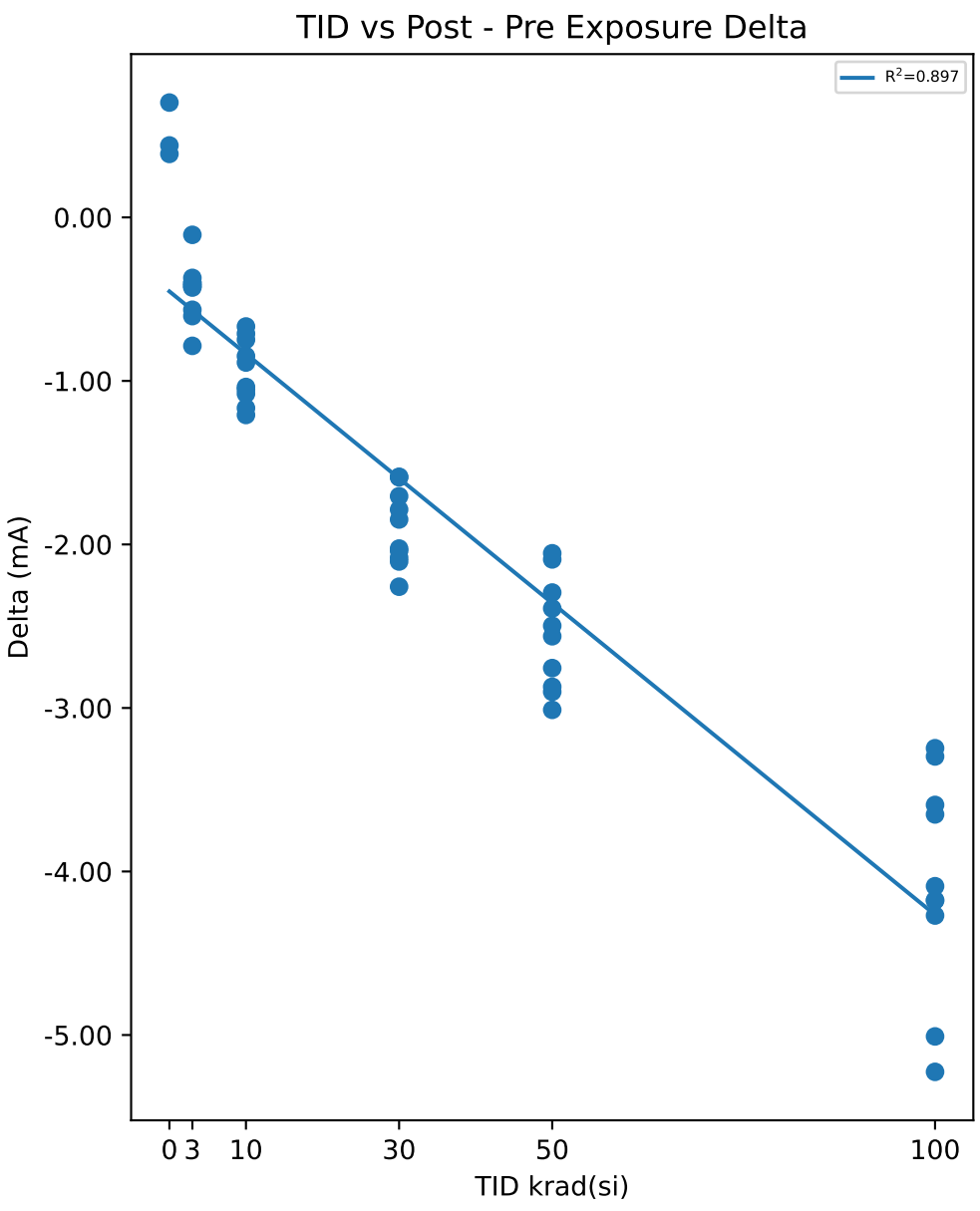
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	104.82	104.52	-0.3031
2	3	HDR BIAS	105.58	105.22	-0.3568
3	3	HDR BIAS	104.67	104.29	-0.3738
4	3	HDR BIAS	102.53	102.31	-0.2227
5	3	HDR BIAS	104.18	103.89	-0.2931
6	3	HDR UNBIAS	102.93	102.65	-0.276
7	3	HDR UNBIAS	104.09	103.95	-0.1443
8	3	HDR UNBIAS	101.95	101.53	-0.4254
9	3	HDR UNBIAS	103.61	103.05	-0.5658
10	3	HDR UNBIAS	102.84	102.68	-0.158
11	10	HDR BIAS	101.82	101.04	-0.7843
12	10	HDR BIAS	101.97	101.29	-0.6792
13	10	HDR BIAS	102.02	101.45	-0.573
14	10	HDR BIAS	103.19	102.44	-0.7534
15	10	HDR BIAS	104.38	103.61	-0.7736
16	10	HDR UNBIAS	103.61	103.17	-0.4448
17	10	HDR UNBIAS	104.08	103.5	-0.5756
18	10	HDR UNBIAS	102.9	102.02	-0.8847
19	10	HDR UNBIAS	104.39	104.04	-0.3442
20	10	HDR UNBIAS	103.05	102.52	-0.5325
31	30	HDR BIAS	101.15	100.13	-1.0216
32	30	HDR BIAS	102.39	101.08	-1.3059
33	30	HDR BIAS	106.87	105.76	-1.1137
34	30	HDR BIAS	105.85	104.68	-1.1665
35	30	HDR BIAS	104.11	102.53	-1.5789
36	30	HDR UNBIAS	102.99	101.62	-1.3663
37	30	HDR UNBIAS	101.46	100.48	-0.9737
38	30	HDR UNBIAS	102.42	101.35	-1.0647
39	30	HDR UNBIAS	103.6	102.11	-1.4862
40	30	HDR UNBIAS	103.25	102.39	-0.8575
41	50	HDR BIAS	104.19	102.87	-1.3133
42	50	HDR BIAS	102.51	100.67	-1.8439
43	50	HDR BIAS	104.77	103.17	-1.6026
44	50	HDR BIAS	104.1	102.22	-1.8743
45	50	HDR BIAS	103.93	101.98	-1.9542
46	50	HDR UNBIAS	101.42	99.818	-1.6064
47	50	HDR UNBIAS	103.92	102.64	-1.273
48	50	HDR UNBIAS	103.39	101.91	-1.4789
49	50	HDR UNBIAS	103.18	102.25	-0.9382
50	50	HDR UNBIAS	104.27	102.45	-1.8156
51	100	HDR BIAS	103.39	99.858	-3.5345
52	100	HDR BIAS	104.97	102.56	-2.4088
53	100	HDR BIAS	102.58	101.77	-0.812
54	100	HDR BIAS	103.78	101.5	-2.2819
55	100	HDR BIAS	102.25	98.212	-4.0374
56	100	HDR UNBIAS	104.26	101.37	-2.8911
57	100	HDR UNBIAS	105.17	102.49	-2.6817
58	100	HDR UNBIAS	104.29	102.22	-2.0674
59	100	HDR UNBIAS	104.14	100.9	-3.2453
60	100	HDR UNBIAS	102.96	99.487	-3.4733
71	0	CORRELATION	105.33	105.69	0.3684
72	0	CORRELATION	104.18	104.56	0.3765
73	0	CORRELATION	103.16	103.46	0.2987

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	103.16	104.22	105.33	1.0851	103.46	104.57	105.69	1.1194	0.2987	0.34787	0.3765	0.042772
3	101.95	103.72	105.58	1.1475	101.53	103.41	105.22	1.1445	-0.5658	-0.3119	-0.1443	0.12677
10	101.82	103.14	104.39	0.97973	101.04	102.51	104.04	1.0549	-0.8847	-0.63453	-0.3442	0.16946
30	101.15	103.41	106.87	1.8139	100.13	102.21	105.76	1.7799	-1.5789	-1.1935	-0.8575	0.23361
50	101.42	103.57	104.77	0.98594	99.818	102	103.17	1.0222	-1.9542	-1.57	-0.9382	0.32309
100	102.25	103.78	105.17	0.97632	98.212	101.04	102.56	1.4337	-4.0374	-2.7433	-0.812	0.92031

Device Test: 15.37 VLDO|ILIM_VLDO_SWEEP/VLDO/7/7/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_7





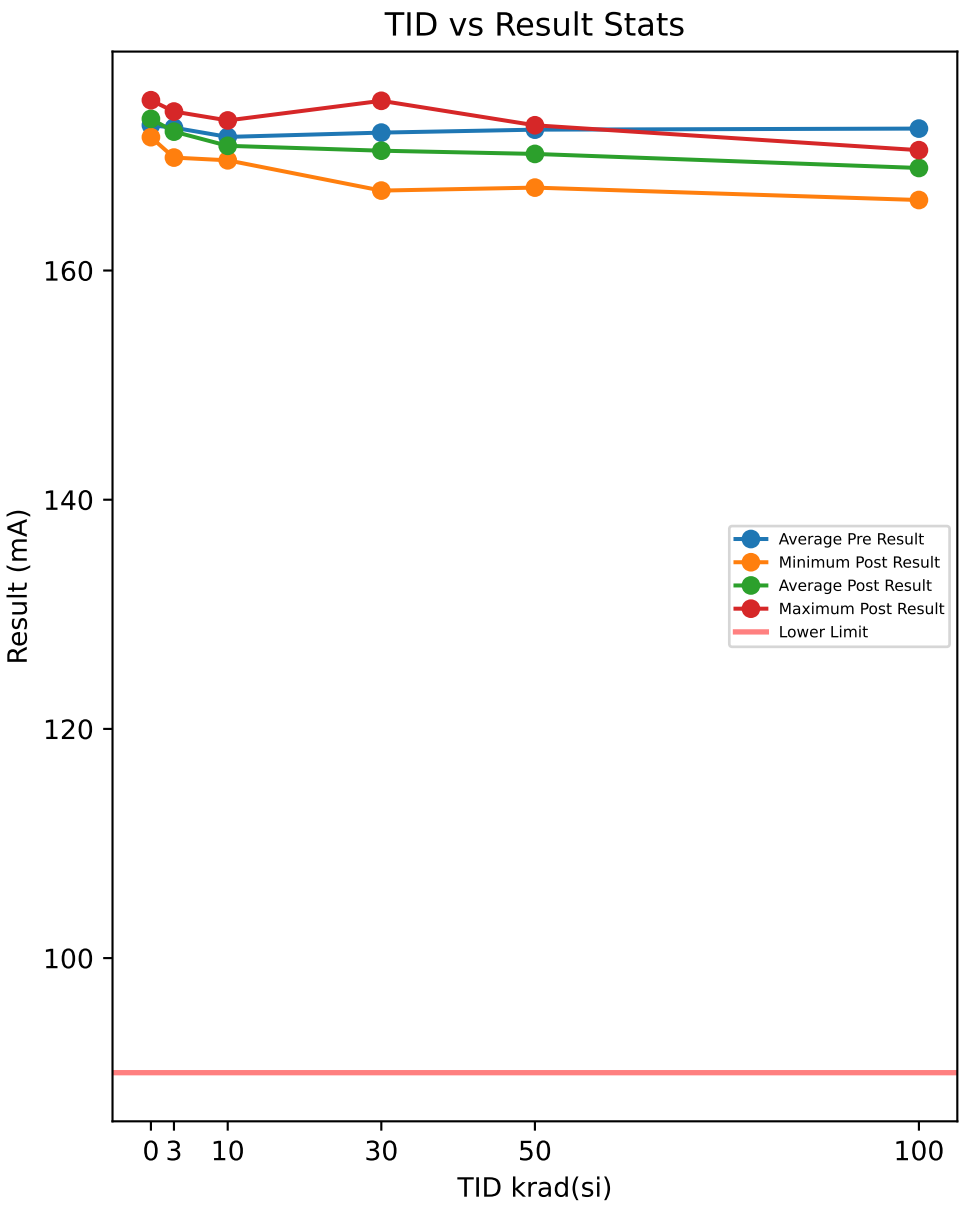
Test Results (Lower Limit = 90.0 (mA))

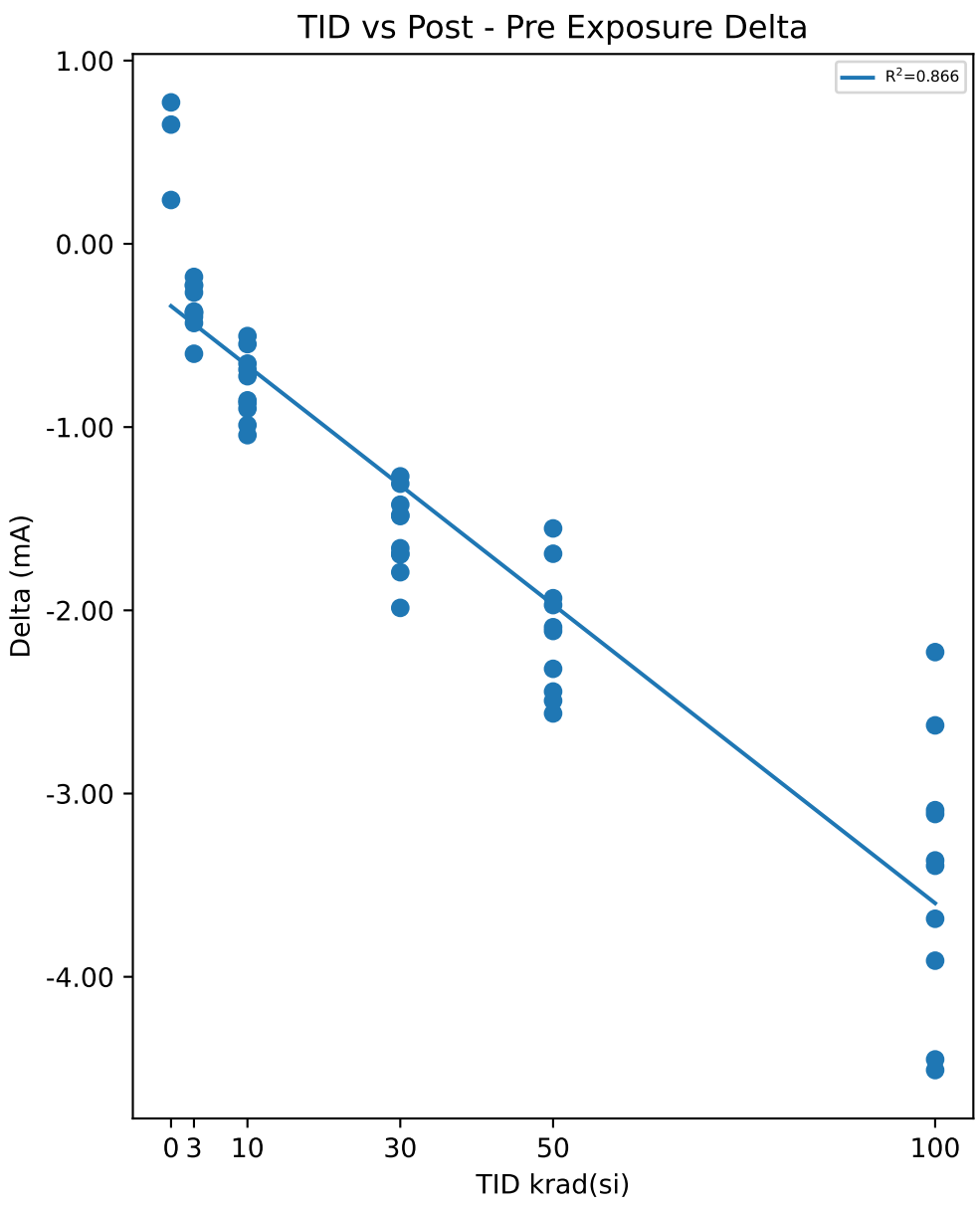
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	201.66	201.55	-0.1066
2	3	HDR BIAS	201.8	201.4	-0.4008
3	3	HDR BIAS	201.81	201.38	-0.429
4	3	HDR BIAS	198.25	197.83	-0.4195
5	3	HDR BIAS	201.34	200.78	-0.5649
6	3	HDR UNBIAS	199.41	198.99	-0.4184
7	3	HDR UNBIAS	200.48	200.11	-0.3699
8	3	HDR UNBIAS	197.9	197.3	-0.6035
9	3	HDR UNBIAS	199.83	199.04	-0.7855
10	3	HDR UNBIAS	197.94	197.54	-0.4009
11	10	HDR BIAS	198.17	197.12	-1.0516
12	10	HDR BIAS	198.08	197	-1.0782
13	10	HDR BIAS	197.78	197.03	-0.7479
14	10	HDR BIAS	199.01	197.97	-1.0369
15	10	HDR BIAS	200.02	198.86	-1.166
16	10	HDR UNBIAS	199.98	199.26	-0.711
17	10	HDR UNBIAS	200.15	199.26	-0.8875
18	10	HDR UNBIAS	198.69	197.48	-1.2082
19	10	HDR UNBIAS	201.35	200.69	-0.6671
20	10	HDR UNBIAS	198.88	198.03	-0.8482
31	30	HDR BIAS	195.59	193.74	-1.8473
32	30	HDR BIAS	198.4	196.37	-2.0252
33	30	HDR BIAS	204.41	202.33	-2.081
34	30	HDR BIAS	203.59	201.8	-1.7866
35	30	HDR BIAS	199.25	197	-2.2584
36	30	HDR UNBIAS	199.37	197.33	-2.0387
37	30	HDR UNBIAS	197.82	196.24	-1.5863
38	30	HDR UNBIAS	197.96	196.26	-1.7052
39	30	HDR UNBIAS	200.38	198.28	-2.1043
40	30	HDR UNBIAS	199.62	198.03	-1.5894
41	50	HDR BIAS	200.53	197.97	-2.5614
42	50	HDR BIAS	197.62	194.72	-2.901
43	50	HDR BIAS	202.97	200.47	-2.4974
44	50	HDR BIAS	200.62	197.75	-2.8704
45	50	HDR BIAS	200.04	197.03	-3.0115
46	50	HDR UNBIAS	196.49	194.19	-2.2941
47	50	HDR UNBIAS	200.86	198.77	-2.0915
48	50	HDR UNBIAS	199.37	196.98	-2.3912
49	50	HDR UNBIAS	200.06	198	-2.0541
50	50	HDR UNBIAS	200.94	198.19	-2.7561
51	100	HDR BIAS	201.7	196.47	-5.2253
52	100	HDR BIAS	201.6	197.51	-4.0901
53	100	HDR BIAS	197.88	194.63	-3.2462
54	100	HDR BIAS	199.03	194.85	-4.1772
55	100	HDR BIAS	198.09	193.09	-5.0086
56	100	HDR UNBIAS	199.33	195.73	-3.593
57	100	HDR UNBIAS	200.96	197.3	-3.6511
58	100	HDR UNBIAS	199.74	196.45	-3.2965
59	100	HDR UNBIAS	200.92	196.74	-4.1758
60	100	HDR UNBIAS	200.11	195.84	-4.2693
71	0	CORRELATION	201.99	202.69	0.7023
72	0	CORRELATION	200.72	201.1	0.3882
73	0	CORRELATION	198.45	198.89	0.4401

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	198.45	200.38	201.99	1.7931	198.89	200.89	202.69	1.9097	0.3882	0.5102	0.7023	0.16838
3	197.9	200.04	201.81	1.6114	197.3	199.59	201.55	1.6742	-0.7855	-0.4499	-0.1066	0.17666
10	197.78	199.21	201.35	1.1315	197	198.27	200.69	1.2185	-1.2082	-0.94026	-0.6671	0.19407
30	195.59	199.64	204.41	2.6495	193.74	197.74	202.33	2.6026	-2.2584	-1.9022	-1.5863	0.23245
50	196.49	199.95	202.97	1.8098	194.19	197.41	200.47	1.8411	-3.0115	-2.5429	-2.0541	0.33839
100	197.88	199.93	201.7	1.3637	193.09	195.86	197.51	1.3549	-5.2253	-4.0733	-3.2462	0.66319

Device Test: 15.38 VLDO|ILIM_VLDO_SWEEP/VLDO/7/7/0/0/5/500kHz//@V_LDO_ILIM_5_7





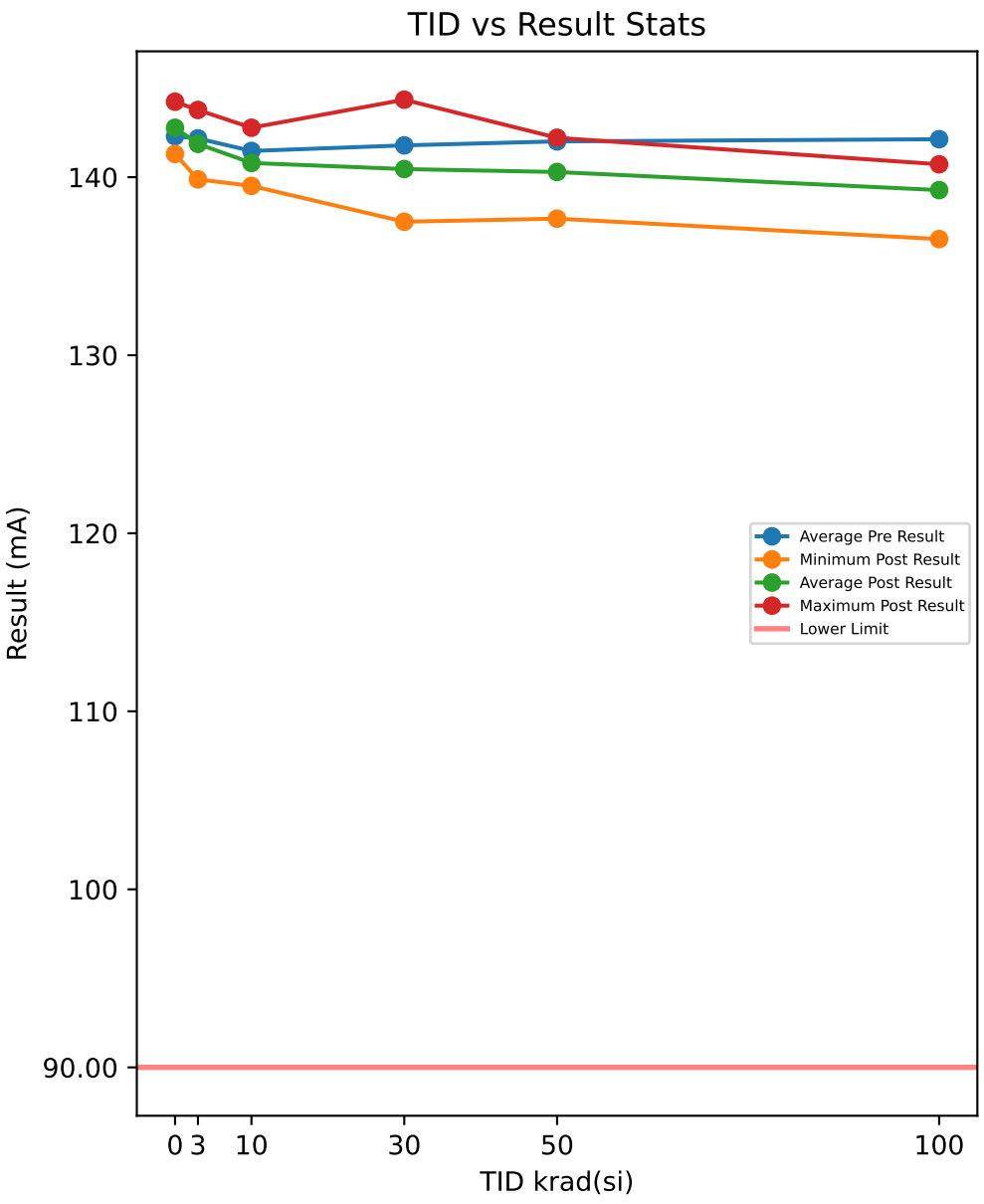
Test Results (Lower Limit = 90.0 (mA))

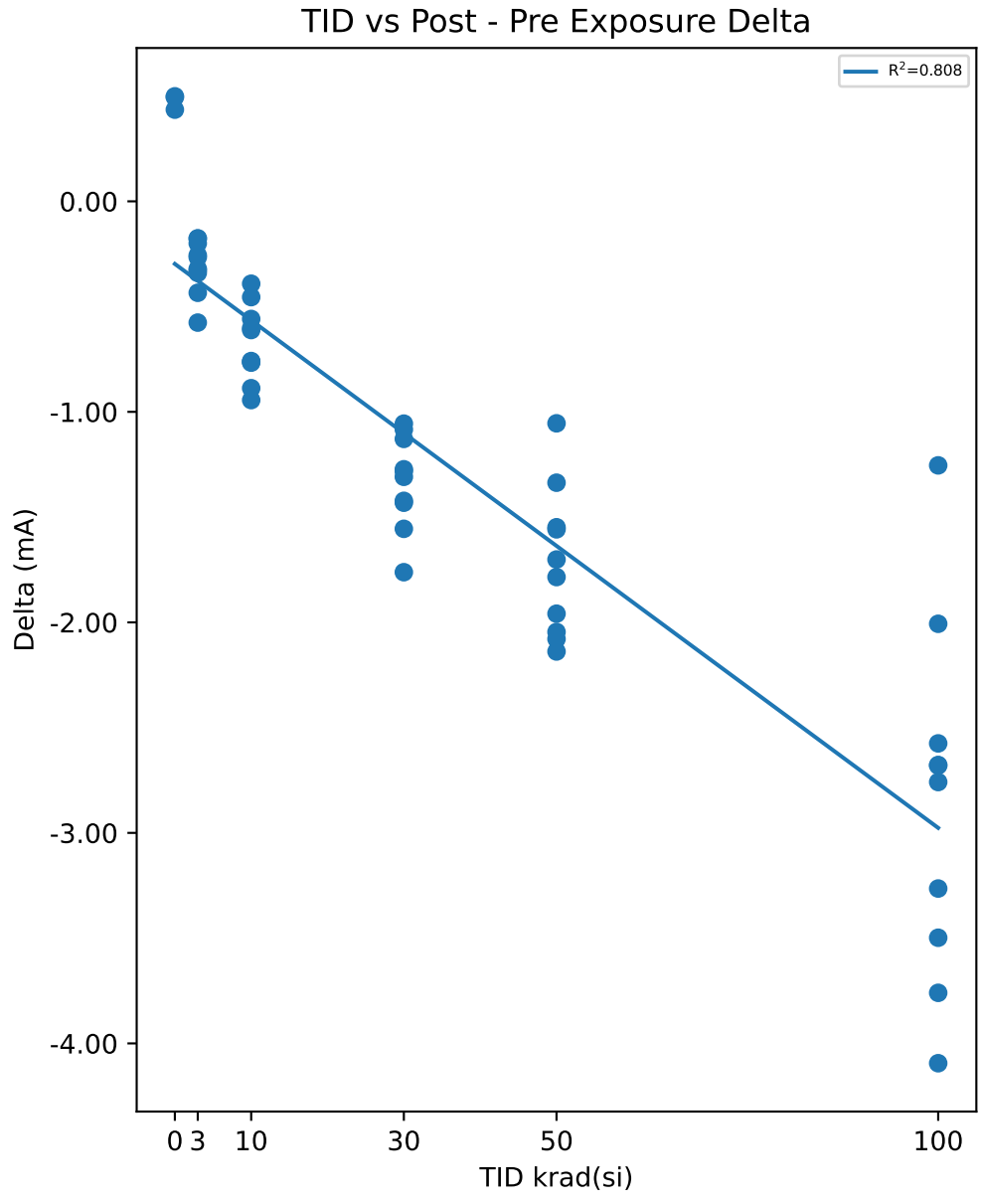
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	174	173.82	-0.1806
2	3	HDR BIAS	174.27	173.87	-0.3976
3	3	HDR BIAS	174.14	173.77	-0.3692
4	3	HDR BIAS	170.78	170.52	-0.2659
5	3	HDR BIAS	173.42	173.04	-0.3778
6	3	HDR UNBIAS	171.9	171.52	-0.3746
7	3	HDR UNBIAS	172.78	172.55	-0.2265
8	3	HDR UNBIAS	170.29	169.86	-0.4323
9	3	HDR UNBIAS	172.33	171.73	-0.5999
10	3	HDR UNBIAS	170.74	170.51	-0.2264
11	10	HDR BIAS	170.51	169.66	-0.8542
12	10	HDR BIAS	170.72	169.85	-0.8685
13	10	HDR BIAS	170.27	169.62	-0.6534
14	10	HDR BIAS	171.51	170.61	-0.8993
15	10	HDR BIAS	172.74	171.75	-0.9892
16	10	HDR UNBIAS	172.36	171.82	-0.5473
17	10	HDR UNBIAS	172.36	171.64	-0.7225
18	10	HDR UNBIAS	171.31	170.27	-1.0442
19	10	HDR UNBIAS	173.6	173.1	-0.5033
20	10	HDR UNBIAS	171.2	170.52	-0.6861
31	30	HDR BIAS	168.46	166.98	-1.4857
32	30	HDR BIAS	170.76	169.07	-1.6904
33	30	HDR BIAS	176.47	174.81	-1.6613
34	30	HDR BIAS	175.33	173.85	-1.4807
35	30	HDR BIAS	171.91	169.92	-1.9867
36	30	HDR UNBIAS	171.97	170.27	-1.6955
37	30	HDR UNBIAS	170.19	168.88	-1.309
38	30	HDR UNBIAS	170.5	169.07	-1.4234
39	30	HDR UNBIAS	172.82	171.03	-1.7921
40	30	HDR UNBIAS	171.93	170.66	-1.2689
41	50	HDR BIAS	172.69	170.59	-2.0923
42	50	HDR BIAS	170.47	168.02	-2.4432
43	50	HDR BIAS	174.79	172.67	-2.1127
44	50	HDR BIAS	172.84	170.35	-2.4934
45	50	HDR BIAS	172.64	170.07	-2.5628
46	50	HDR UNBIAS	169.21	167.24	-1.9714
47	50	HDR UNBIAS	173.02	171.33	-1.6912
48	50	HDR UNBIAS	172.02	170.09	-1.9339
49	50	HDR UNBIAS	172.23	170.67	-1.5531
50	50	HDR UNBIAS	173.02	170.7	-2.3193
51	100	HDR BIAS	173.39	168.94	-4.4508
52	100	HDR BIAS	173.87	170.47	-3.394
53	100	HDR BIAS	170.58	168.35	-2.2281
54	100	HDR BIAS	171.88	168.52	-3.3649
55	100	HDR BIAS	170.66	166.15	-4.509
56	100	HDR UNBIAS	172.09	169	-3.0906
57	100	HDR UNBIAS	173.61	170.5	-3.1116
58	100	HDR UNBIAS	172.34	169.71	-2.6279
59	100	HDR UNBIAS	172.94	169.26	-3.6833
60	100	HDR UNBIAS	172.49	168.58	-3.9119
71	0	CORRELATION	174.09	174.86	0.7718
72	0	CORRELATION	172.97	173.21	0.2391
73	0	CORRELATION	170.98	171.64	0.6507

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	170.98	172.68	174.09	1.5729	171.64	173.24	174.86	1.6138	0.2391	0.55387	0.7718	0.27924
3	170.29	172.47	174.27	1.5024	169.86	172.12	173.87	1.5094	-0.5999	-0.34508	-0.1806	0.12441
10	170.27	171.66	173.6	1.0747	169.62	170.88	173.1	1.1472	-1.0442	-0.7768	-0.5033	0.18254
30	168.46	172.03	176.47	2.3891	166.98	170.46	174.81	2.3476	-1.9867	-1.5794	-1.2689	0.2251
50	169.21	172.29	174.79	1.5199	167.24	170.17	172.67	1.5492	-2.5628	-2.1173	-1.5531	0.34032
100	170.58	172.39	173.87	1.1369	166.15	168.95	170.5	1.244	-4.509	-3.4372	-2.2281	0.73122

Device Test: 15.39 VLDO|ILIM_VLDO_SWEEP/VLDO/7/7/0/0/5.5/500kHz//@V_LDO_ILIM_5P5_7





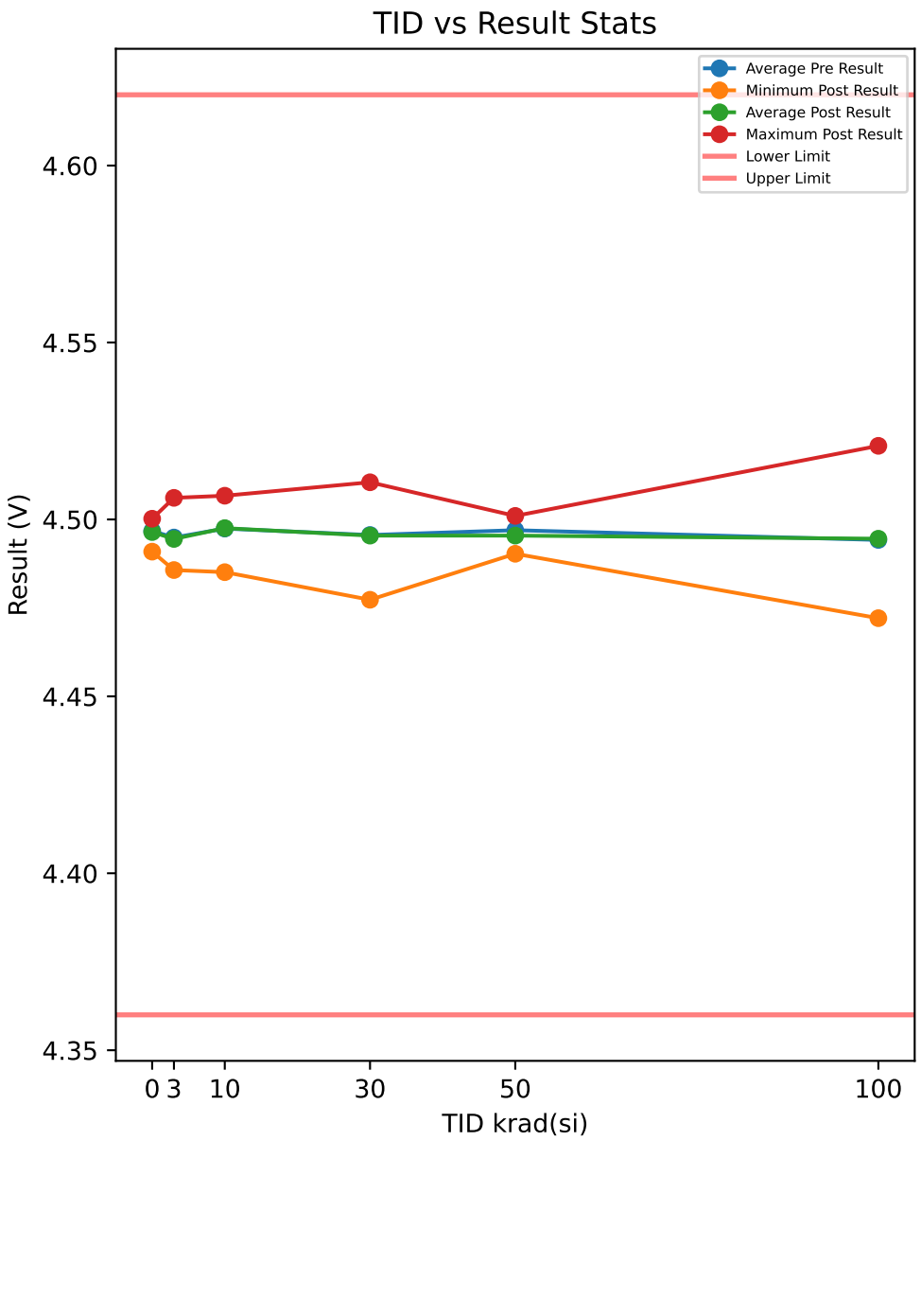
Test Results (Lower Limit = 90.0 (mA))

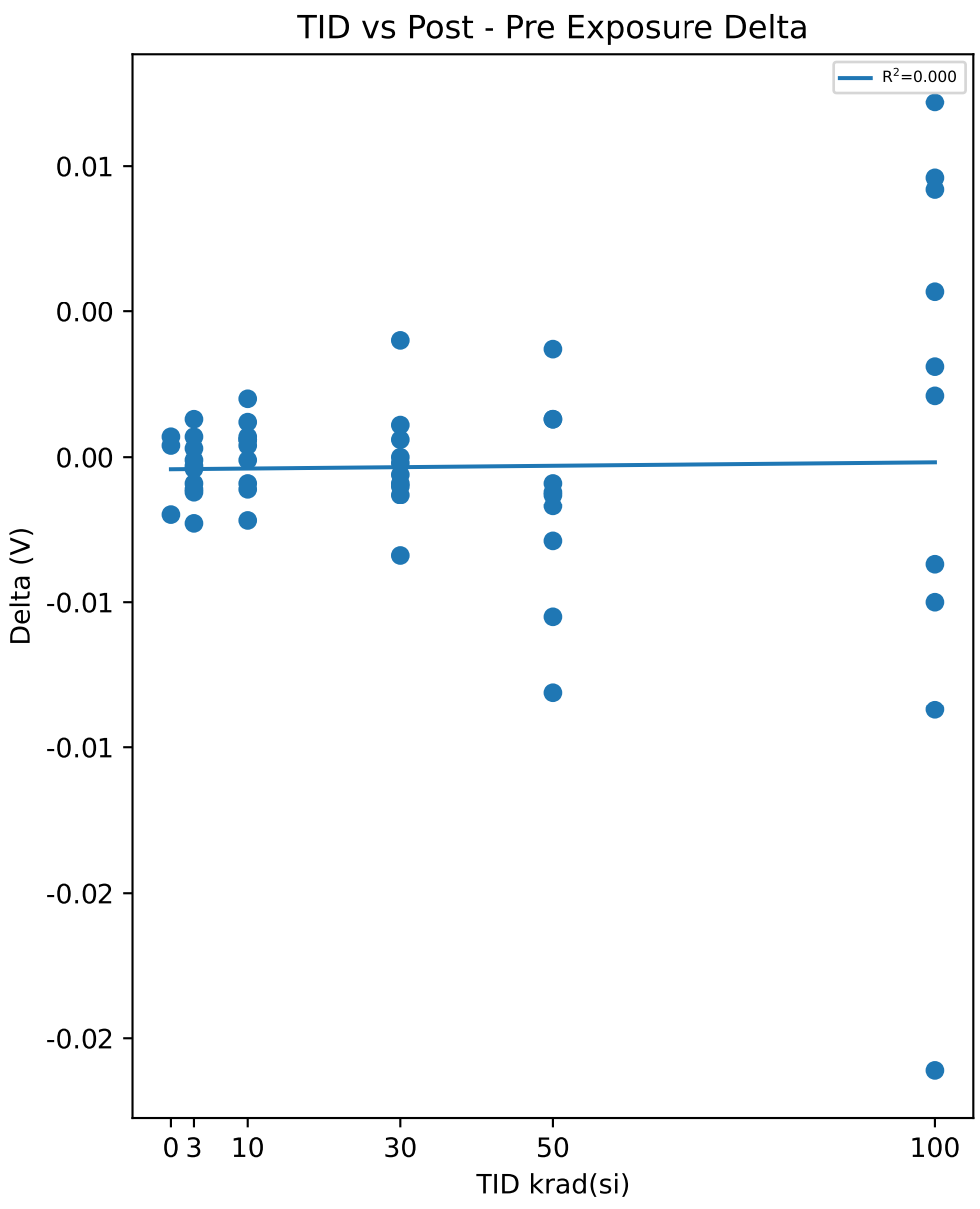
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	143.52	143.32	-0.1996
2	3	HDR BIAS	144.11	143.77	-0.34
3	3	HDR BIAS	143.41	143.09	-0.3206
4	3	HDR BIAS	140.71	140.45	-0.256
5	3	HDR BIAS	143.04	142.72	-0.3274
6	3	HDR UNBIAS	141.33	141.06	-0.2657
7	3	HDR UNBIAS	142.5	142.33	-0.1764
8	3	HDR UNBIAS	140.31	139.88	-0.4345
9	3	HDR UNBIAS	141.92	141.34	-0.5761
10	3	HDR UNBIAS	140.92	140.75	-0.1764
11	10	HDR BIAS	140.45	139.68	-0.7663
12	10	HDR BIAS	140.5	139.74	-0.7587
13	10	HDR BIAS	140.12	139.51	-0.6114
14	10	HDR BIAS	141.59	140.82	-0.7623
15	10	HDR BIAS	142.53	141.64	-0.8877
16	10	HDR UNBIAS	142.13	141.67	-0.455
17	10	HDR UNBIAS	142.17	141.57	-0.602
18	10	HDR UNBIAS	141	140.06	-0.9441
19	10	HDR UNBIAS	143.17	142.78	-0.3914
20	10	HDR UNBIAS	141.07	140.51	-0.5589
31	30	HDR BIAS	138.77	137.5	-1.2728
32	30	HDR BIAS	140.7	139.28	-1.4228
33	30	HDR BIAS	145.66	144.35	-1.3087
34	30	HDR BIAS	144.48	143.2	-1.2821
35	30	HDR BIAS	142.16	140.4	-1.7617
36	30	HDR UNBIAS	141.69	140.26	-1.4316
37	30	HDR UNBIAS	139.85	138.79	-1.056
38	30	HDR UNBIAS	140.58	139.45	-1.1286
39	30	HDR UNBIAS	142.3	140.74	-1.5557
40	30	HDR UNBIAS	141.66	140.58	-1.0838
41	50	HDR BIAS	142.43	140.88	-1.5482
42	50	HDR BIAS	140.44	138.4	-2.0456
43	50	HDR BIAS	144	142.21	-1.7848
44	50	HDR BIAS	142.7	140.56	-2.1383
45	50	HDR BIAS	142.29	140.21	-2.0789
46	50	HDR UNBIAS	139.37	137.67	-1.7014
47	50	HDR UNBIAS	142.72	141.39	-1.3366
48	50	HDR UNBIAS	141.75	140.19	-1.5581
49	50	HDR UNBIAS	141.71	140.66	-1.0545
50	50	HDR UNBIAS	142.69	140.73	-1.9588
51	100	HDR BIAS	142.14	138.38	-3.7598
52	100	HDR BIAS	143.48	140.72	-2.7585
53	100	HDR BIAS	140.86	139.61	-1.2543
54	100	HDR BIAS	141.77	139.19	-2.5749
55	100	HDR BIAS	140.62	136.52	-4.0941
56	100	HDR UNBIAS	142.44	139.76	-2.6776
57	100	HDR UNBIAS	143.34	140.66	-2.6796
58	100	HDR UNBIAS	142.39	140.38	-2.0068
59	100	HDR UNBIAS	142.53	139.26	-3.2643
60	100	HDR UNBIAS	141.74	138.25	-3.4981
71	0	CORRELATION	143.74	144.24	0.4987
72	0	CORRELATION	142.29	142.78	0.4948
73	0	CORRELATION	140.87	141.3	0.4355

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	140.87	142.3	143.74	1.4355	141.3	142.77	144.24	1.4671	0.4355	0.47633	0.4987	0.035416
3	140.31	142.18	144.11	1.3312	139.88	141.87	143.77	1.3471	-0.5761	-0.30727	-0.1764	0.12486
10	140.12	141.47	143.17	1.0072	139.51	140.8	142.78	1.0874	-0.9441	-0.67378	-0.3914	0.18021
30	138.77	141.79	145.66	2.0603	137.5	140.46	144.35	2.0214	-1.7617	-1.3304	-1.056	0.22073
50	139.37	142.01	144	1.3005	137.67	140.29	142.21	1.3381	-2.1383	-1.7205	-1.0545	0.35229
100	140.62	142.13	143.48	0.93107	136.52	139.27	140.72	1.293	-4.0941	-2.8568	-1.2543	0.84108

Device Test: 15.4 VLDO|V_VLDO/VLDO/12/12/0/0/4.5/500kHz//@V_LDO_4P5





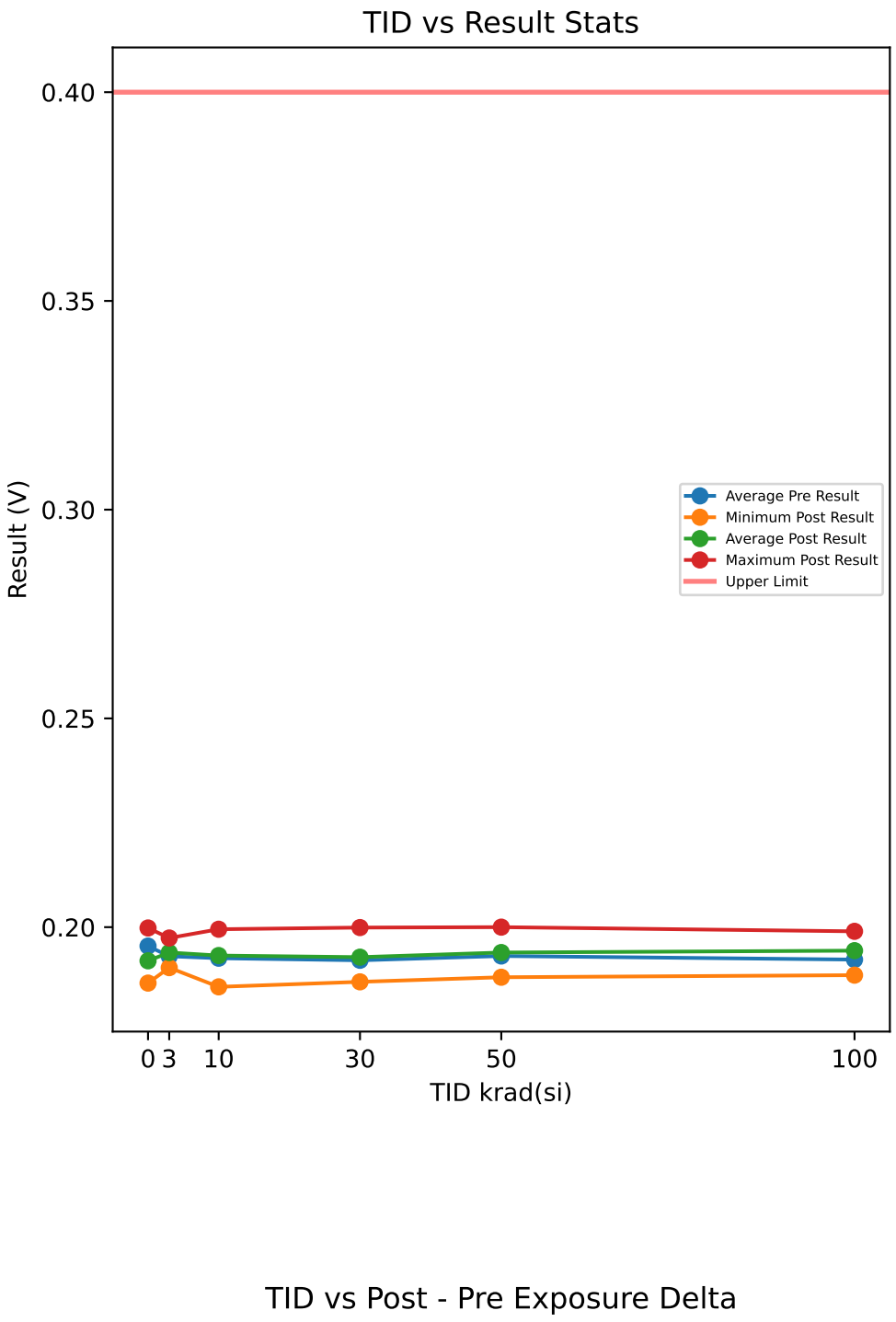
Test Results (Lower Limit = 4.36, Upper Limit = 4.62 (V))

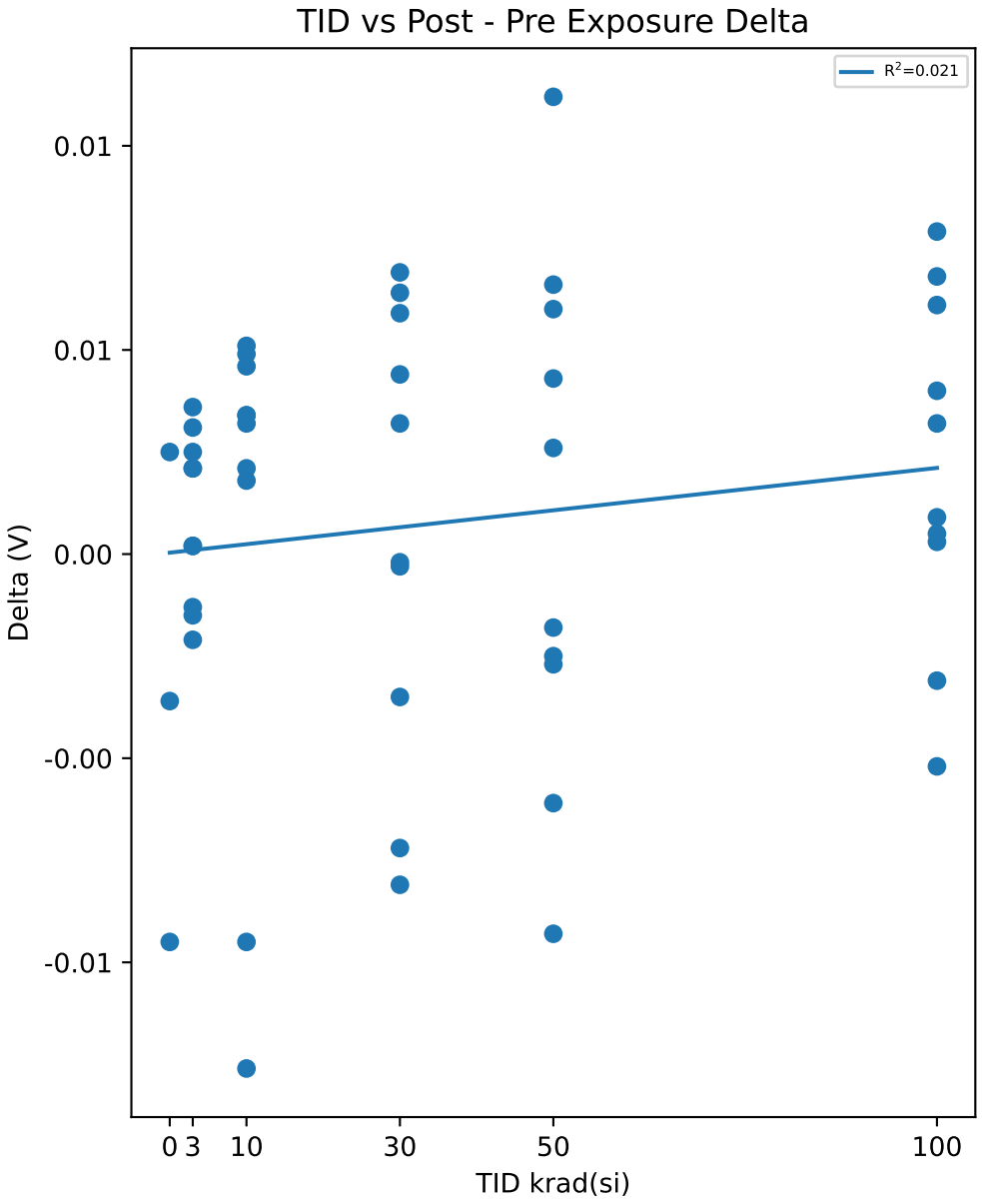
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.4915	4.4911	-0.0004
2	3	HDR BIAS	4.4854	4.4857	0.0003
3	3	HDR BIAS	4.497	4.4961	-0.0009
4	3	HDR BIAS	4.4979	4.4976	-0.0003
5	3	HDR BIAS	4.4979	4.4978	-0.0001
6	3	HDR UNBIAS	4.5016	4.4993	-0.0023
7	3	HDR UNBIAS	4.4895	4.4884	-0.0011
8	3	HDR UNBIAS	4.5048	4.5061	0.0013
9	3	HDR UNBIAS	4.4957	4.4964	0.0007
10	3	HDR UNBIAS	4.4876	4.4864	-0.0012
11	10	HDR BIAS	4.5055	4.5067	0.0012
12	10	HDR BIAS	4.4988	4.4979	-0.0009
13	10	HDR BIAS	4.5035	4.5041	0.0006
14	10	HDR BIAS	4.492	4.4927	0.0007
15	10	HDR BIAS	4.4845	4.4851	0.0006
16	10	HDR UNBIAS	4.4933	4.4922	-0.0011
17	10	HDR UNBIAS	4.4989	4.4993	0.0004
18	10	HDR UNBIAS	4.5003	4.5023	0.002
19	10	HDR UNBIAS	4.4934	4.4912	-0.0022
20	10	HDR UNBIAS	4.504	4.5039	-0.0001
31	30	HDR BIAS	4.5023	4.5014	-0.0009
32	30	HDR BIAS	4.5029	4.5027	-0.0002
33	30	HDR BIAS	4.4807	4.4773	-0.0034
34	30	HDR BIAS	4.4944	4.4944	0
35	30	HDR BIAS	4.4844	4.4884	0.004
36	30	HDR UNBIAS	4.4904	4.491	0.0006
37	30	HDR UNBIAS	4.5115	4.5105	-0.001
38	30	HDR UNBIAS	4.4966	4.4953	-0.0013
39	30	HDR UNBIAS	4.4972	4.4983	0.0011
40	30	HDR UNBIAS	4.4956	4.495	-0.0006
41	50	HDR BIAS	4.496	4.4905	-0.0055
42	50	HDR BIAS	4.4952	4.4943	-0.0009
43	50	HDR BIAS	4.4974	4.4962	-0.0012
44	50	HDR BIAS	4.4943	4.4956	0.0013
45	50	HDR BIAS	4.492	4.4903	-0.0017
46	50	HDR UNBIAS	4.4973	4.501	0.0037
47	50	HDR UNBIAS	4.4982	4.4969	-0.0013
48	50	HDR UNBIAS	4.4954	4.4925	-0.0029
49	50	HDR UNBIAS	4.5041	4.496	-0.0081
50	50	HDR UNBIAS	4.4997	4.501	0.0013
51	100	HDR BIAS	4.5187	4.5208	0.0021
52	100	HDR BIAS	4.4902	4.4865	-0.0037
53	100	HDR BIAS	4.4932	4.4721	-0.0211
54	100	HDR BIAS	4.4894	4.4807	-0.0087
55	100	HDR BIAS	4.4979	4.5101	0.0122
56	100	HDR UNBIAS	4.4804	4.4861	0.0057
57	100	HDR UNBIAS	4.4828	4.4859	0.0031
58	100	HDR UNBIAS	4.4795	4.4745	-0.005
59	100	HDR UNBIAS	4.5024	4.512	0.0096
60	100	HDR UNBIAS	4.5076	4.5168	0.0092
71	0	CORRELATION	4.4929	4.4909	-0.002
72	0	CORRELATION	4.4998	4.5002	0.0004
73	0	CORRELATION	4.4975	4.4982	0.0007

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	4.4929	4.4967	4.4998	0.0035133	4.4909	4.4964	4.5002	0.0048952	-0.002	-0.0003	0.0007	0.0014799
3	4.4854	4.4949	4.5048	0.006238	4.4857	4.4945	4.5061	0.0064643	-0.0023	-0.0004	0.0013	0.0010371
10	4.4845	4.4974	4.5055	0.0065606	4.4851	4.4975	4.5067	0.0069934	-0.0022	0.00012	0.002	0.0012264
30	4.4807	4.4956	4.5115	0.0090091	4.4773	4.4954	4.5105	0.0089619	-0.0034	-0.00017	0.004	0.0019073
50	4.492	4.497	4.5041	0.0033076	4.4903	4.4954	4.501	0.0037363	-0.0081	-0.00153	0.0037	0.0034118
100	4.4795	4.4942	4.5187	0.012637	4.4721	4.4946	4.5208	0.018377	-0.0211	0.00034	0.0122	0.010168

Device Test: 15.40 VLDO|VDO_VLDO/VLDO/12/12/0/0/5/500kHz//@V_LDO_DO_5





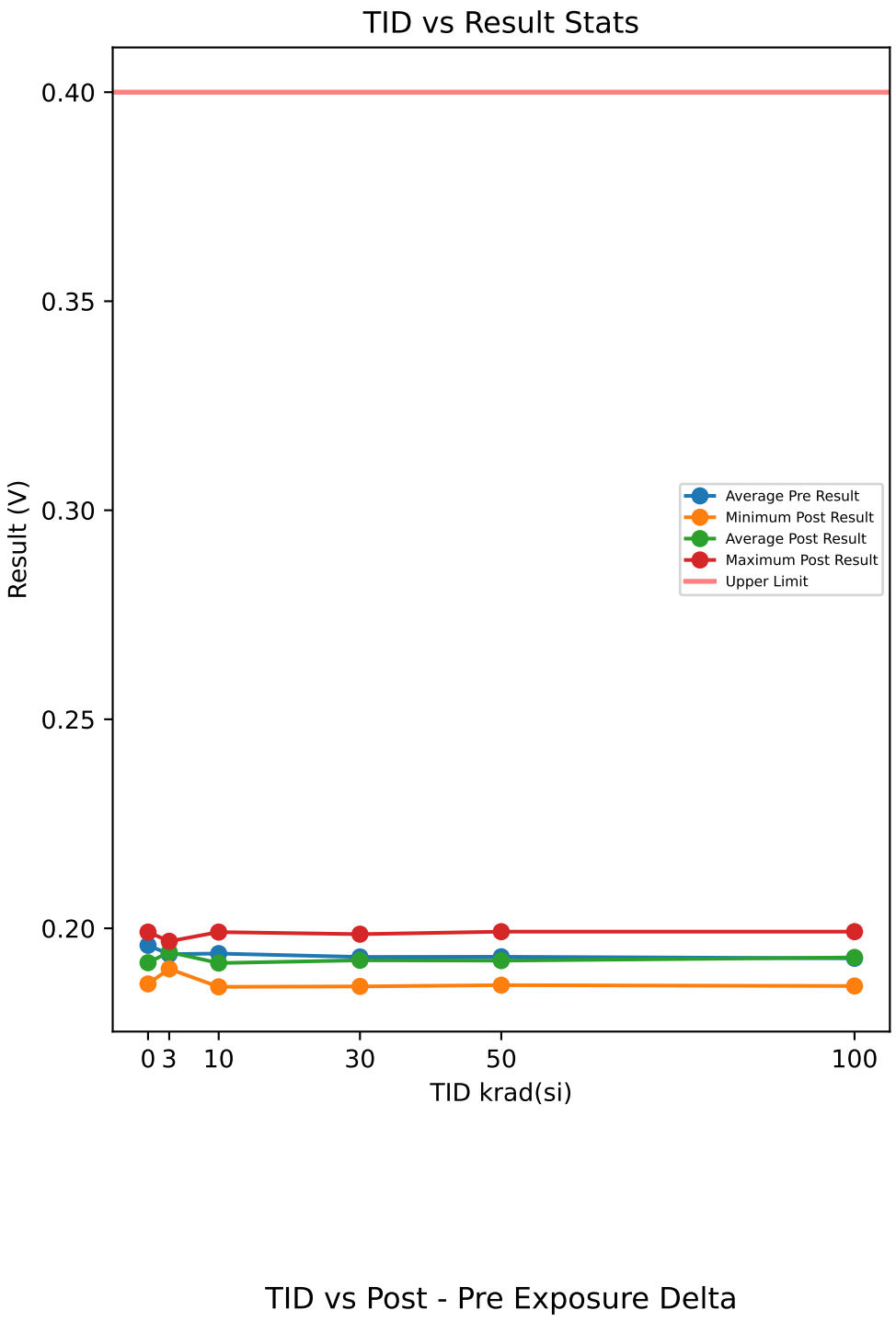
Test Results (Upper Limit = 0.4 (V))

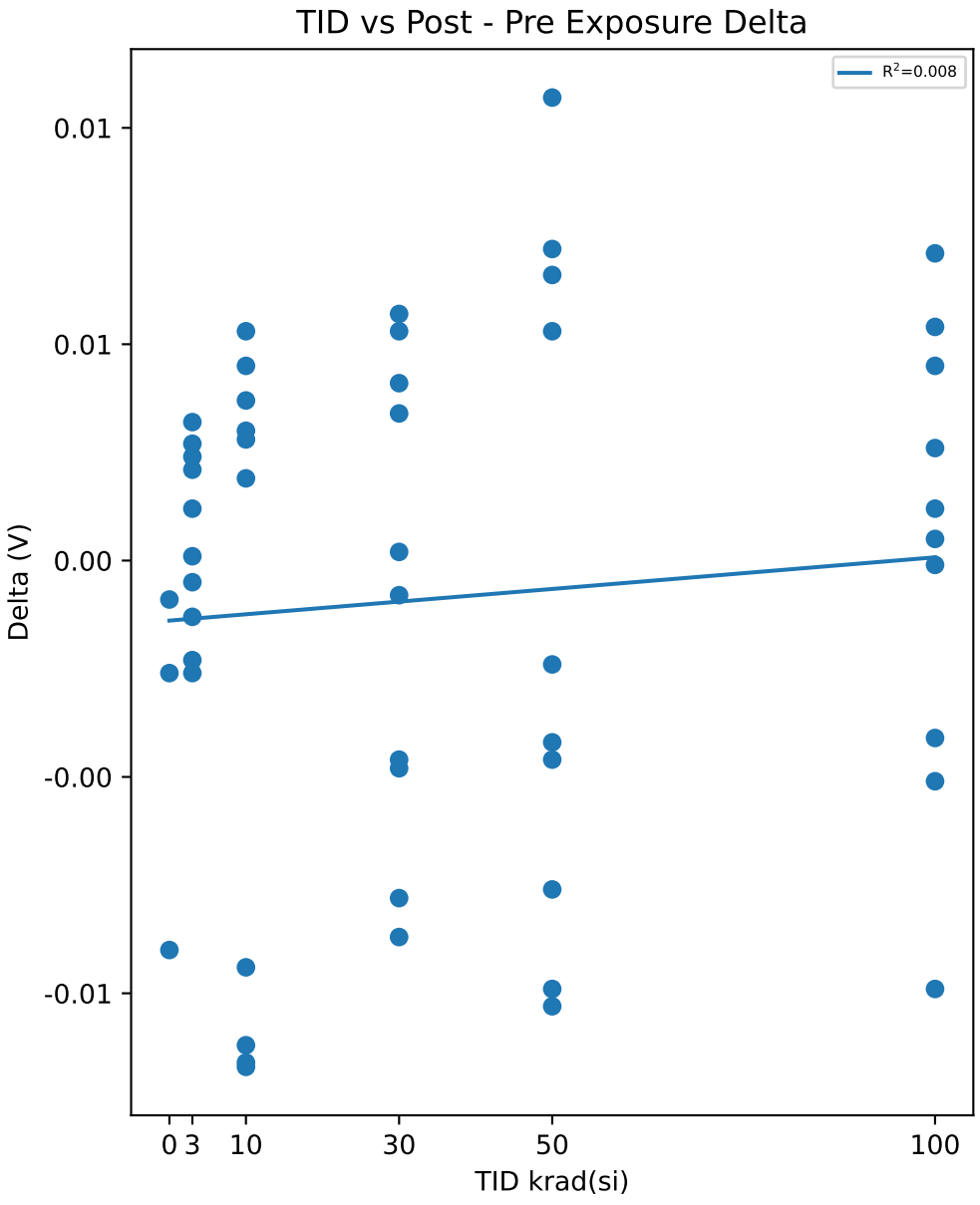
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1926	0.1947	0.0021
2	3	HDR BIAS	0.1922	0.1924	0.0002
3	3	HDR BIAS	0.1953	0.1955	0.0002
4	3	HDR BIAS	0.1924	0.1955	0.0031
5	3	HDR BIAS	0.195	0.1935	-0.0015
6	3	HDR UNBIAS	0.1916	0.1903	-0.0013
7	3	HDR UNBIAS	0.1939	0.196	0.0021
8	3	HDR UNBIAS	0.1892	0.1928	0.0036
9	3	HDR UNBIAS	0.1949	0.1974	0.0025
10	3	HDR UNBIAS	0.1932	0.1911	-0.0021
11	10	HDR BIAS	0.1911	0.196	0.0049
12	10	HDR BIAS	0.1914	0.1932	0.0018
13	10	HDR BIAS	0.1992	0.1897	-0.0095
14	10	HDR BIAS	0.1871	0.1917	0.0046
15	10	HDR BIAS	0.185	0.1884	0.0034
16	10	HDR UNBIAS	0.1974	0.1995	0.0021
17	10	HDR UNBIAS	0.1886	0.192	0.0034
18	10	HDR UNBIAS	0.1916	0.1967	0.0051
19	10	HDR UNBIAS	0.1983	0.1857	-0.0126
20	10	HDR UNBIAS	0.1959	0.1991	0.0032
31	30	HDR BIAS	0.1991	0.191	-0.0081
32	30	HDR BIAS	0.1932	0.1964	0.0032
33	30	HDR BIAS	0.1959	0.1957	-0.0002
34	30	HDR BIAS	0.1901	0.1965	0.0064
35	30	HDR BIAS	0.1904	0.1869	-0.0035
36	30	HDR UNBIAS	0.1965	0.1893	-0.0072
37	30	HDR UNBIAS	0.188	0.1877	-0.0003
38	30	HDR UNBIAS	0.193	0.1999	0.0069
39	30	HDR UNBIAS	0.188	0.1939	0.0059
40	30	HDR UNBIAS	0.1864	0.1908	0.0044
41	50	HDR BIAS	0.1864	0.1907	0.0043
42	50	HDR BIAS	0.1878	0.1944	0.0066
43	50	HDR BIAS	0.1969	0.1908	-0.0061
44	50	HDR BIAS	0.1992	0.1965	-0.0027
45	50	HDR BIAS	0.1938	0.1913	-0.0025
46	50	HDR UNBIAS	0.1958	0.194	-0.0018
47	50	HDR UNBIAS	0.189	0.195	0.006
48	50	HDR UNBIAS	0.1973	0.188	-0.0093
49	50	HDR UNBIAS	0.1959	0.1985	0.0026
50	50	HDR UNBIAS	0.1888	0.2	0.0112
51	100	HDR BIAS	0.1909	0.1977	0.0068
52	100	HDR BIAS	0.1916	0.1885	-0.0031
53	100	HDR BIAS	0.1899	0.1931	0.0032
54	100	HDR BIAS	0.1897	0.19	0.0003
55	100	HDR BIAS	0.1943	0.1952	0.0009
56	100	HDR UNBIAS	0.1874	0.1935	0.0061
57	100	HDR UNBIAS	0.1973	0.1978	0.0005
58	100	HDR UNBIAS	0.1936	0.1976	0.004
59	100	HDR UNBIAS	0.1911	0.199	0.0079
60	100	HDR UNBIAS	0.1965	0.1913	-0.0052
71	0	CORRELATION	0.193	0.1894	-0.0036
72	0	CORRELATION	0.1961	0.1866	-0.0095
73	0	CORRELATION	0.1973	0.1998	0.0025

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	0.193	0.19547	0.1973	0.0022189	0.1866	0.19193	0.1998	0.0069551	-0.0095	-0.0035333	0.0025	0.0060003
3	0.1892	0.19303	0.1953	0.0018649	0.1903	0.19392	0.1974	0.0022812	-0.0021	0.00089	0.0036	0.0020588
10	0.185	0.19256	0.1992	0.0049291	0.1857	0.1932	0.1995	0.0045925	-0.0126	0.00064	0.0051	0.0062991
30	0.1864	0.19206	0.1991	0.0041873	0.1869	0.19281	0.1999	0.0043075	-0.0081	0.00075	0.0069	0.0055496
50	0.1864	0.19309	0.1992	0.0046331	0.188	0.19392	0.2	0.0037715	-0.0093	0.00083	0.0112	0.0063582
100	0.1874	0.19223	0.1973	0.0031394	0.1885	0.19437	0.199	0.003663	-0.0052	0.00214	0.0079	0.0042701

Device Test: 15.41 VLDO|VDO_VLDO/VLDO/14/14/0/0/5/500kHz//@V_LDO_DO_5





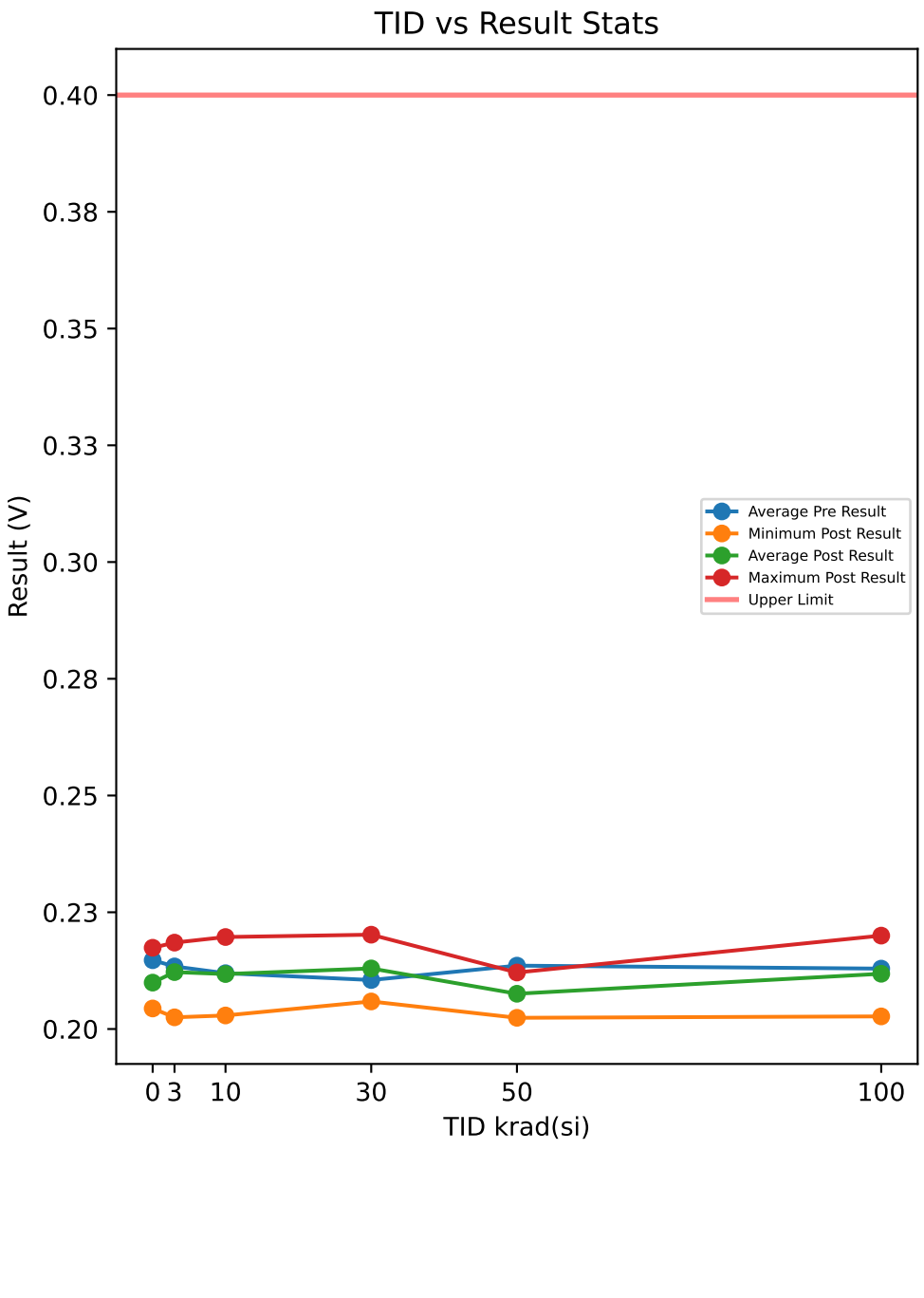
Test Results (Upper Limit = 0.4 (V))

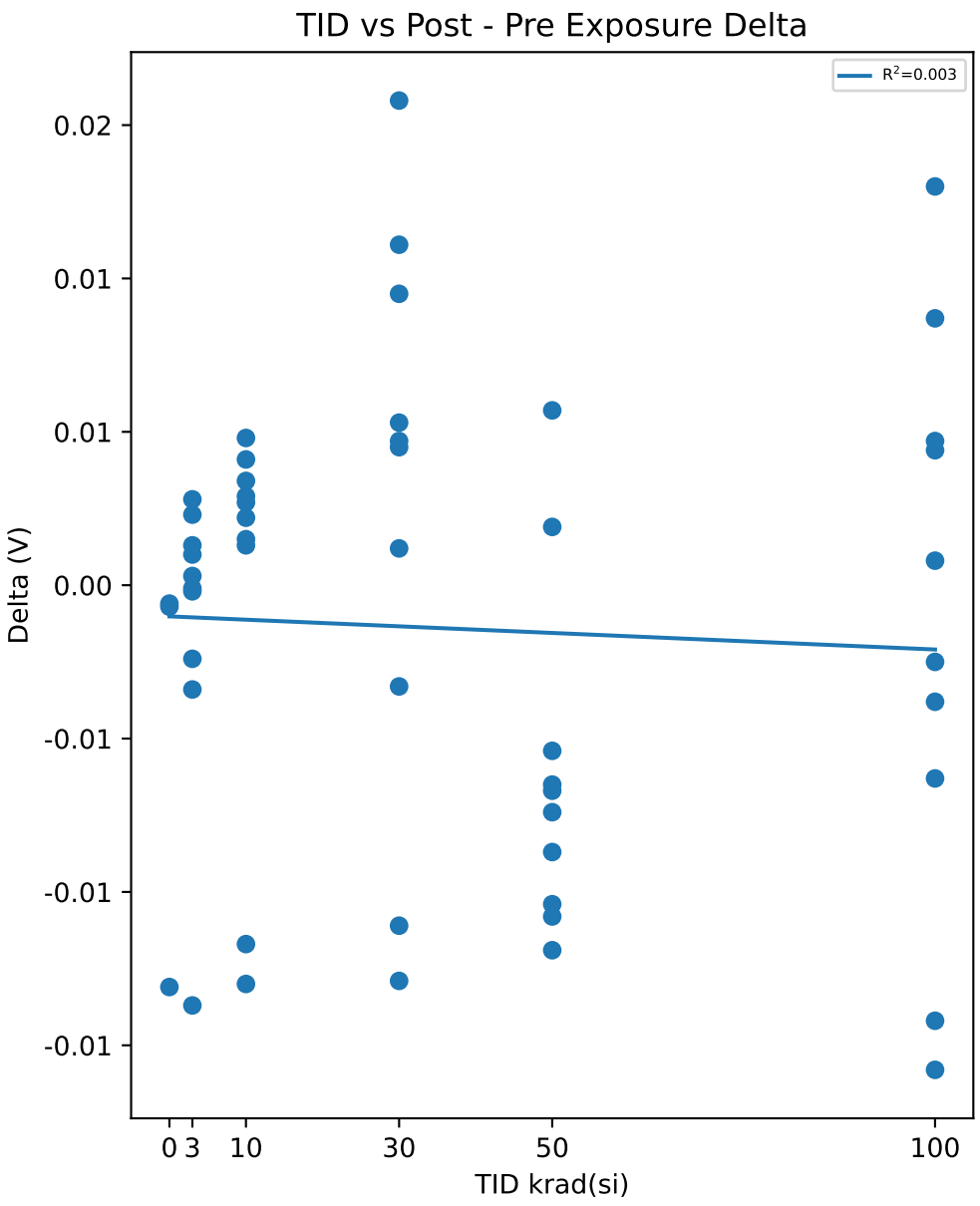
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1935	0.1947	0.0012
2	3	HDR BIAS	0.1946	0.1947	0.0001
3	3	HDR BIAS	0.1958	0.1953	-0.0005
4	3	HDR BIAS	0.1919	0.1946	0.0027
5	3	HDR BIAS	0.1977	0.1954	-0.0023
6	3	HDR UNBIAS	0.1916	0.1903	-0.0013
7	3	HDR UNBIAS	0.1934	0.1955	0.0021
8	3	HDR UNBIAS	0.1891	0.1923	0.0032
9	3	HDR UNBIAS	0.1945	0.1969	0.0024
10	3	HDR UNBIAS	0.1961	0.1935	-0.0026
11	10	HDR BIAS	0.1905	0.1958	0.0053
12	10	HDR BIAS	0.1913	0.1932	0.0019
13	10	HDR BIAS	0.1994	0.19	-0.0094
14	10	HDR BIAS	0.1869	0.1906	0.0037
15	10	HDR BIAS	0.1992	0.1875	-0.0117
16	10	HDR UNBIAS	0.1972	0.186	-0.0112
17	10	HDR UNBIAS	0.1894	0.1922	0.0028
18	10	HDR UNBIAS	0.1914	0.1959	0.0045
19	10	HDR UNBIAS	0.1982	0.1866	-0.0116
20	10	HDR UNBIAS	0.1961	0.1991	0.003
31	30	HDR BIAS	0.1994	0.1907	-0.0087
32	30	HDR BIAS	0.1952	0.1986	0.0034
33	30	HDR BIAS	0.1991	0.1983	-0.0008
34	30	HDR BIAS	0.1905	0.1962	0.0057
35	30	HDR BIAS	0.1909	0.1861	-0.0048
36	30	HDR UNBIAS	0.1963	0.1885	-0.0078
37	30	HDR UNBIAS	0.1914	0.1916	0.0002
38	30	HDR UNBIAS	0.1944	0.1898	-0.0046
39	30	HDR UNBIAS	0.1878	0.1931	0.0053
40	30	HDR UNBIAS	0.1865	0.1906	0.0041
41	50	HDR BIAS	0.1874	0.1946	0.0072
42	50	HDR BIAS	0.187	0.1936	0.0066
43	50	HDR BIAS	0.1972	0.1896	-0.0076
44	50	HDR BIAS	0.1994	0.1952	-0.0042
45	50	HDR BIAS	0.1944	0.1898	-0.0046
46	50	HDR UNBIAS	0.1954	0.193	-0.0024
47	50	HDR UNBIAS	0.1886	0.1939	0.0053
48	50	HDR UNBIAS	0.1977	0.1874	-0.0103
49	50	HDR UNBIAS	0.1963	0.1864	-0.0099
50	50	HDR UNBIAS	0.1885	0.1992	0.0107
51	100	HDR BIAS	0.1938	0.1992	0.0054
52	100	HDR BIAS	0.1914	0.1873	-0.0041
53	100	HDR BIAS	0.1893	0.1919	0.0026
54	100	HDR BIAS	0.1919	0.1931	0.0012
55	100	HDR BIAS	0.1939	0.1944	0.0005
56	100	HDR UNBIAS	0.1874	0.1919	0.0045
57	100	HDR UNBIAS	0.1975	0.1974	-0.0001
58	100	HDR UNBIAS	0.1961	0.1862	-0.0099
59	100	HDR UNBIAS	0.1912	0.1983	0.0071
60	100	HDR UNBIAS	0.1957	0.1906	-0.0051
71	0	CORRELATION	0.1921	0.1895	-0.0026
72	0	CORRELATION	0.1957	0.1867	-0.009
73	0	CORRELATION	0.2	0.1991	-0.0009

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	0.1921	0.19593	0.2	0.0039552	0.1867	0.19177	0.1991	0.0065033	-0.009	-0.0041667	-0.0009	0.0042712
3	0.1891	0.19382	0.1977	0.0025037	0.1903	0.19432	0.1969	0.0018695	-0.0026	0.0005	0.0032	0.002125
10	0.1869	0.19396	0.1994	0.0045503	0.186	0.19169	0.1991	0.004371	-0.0117	-0.00227	0.0053	0.0075734
30	0.1865	0.19315	0.1994	0.004449	0.1861	0.19235	0.1986	0.0041711	-0.0087	-0.0008	0.0057	0.0054156
50	0.187	0.19319	0.1994	0.0047832	0.1864	0.19227	0.1992	0.0039215	-0.0103	-0.00092	0.0107	0.0077168
100	0.1874	0.19282	0.1975	0.0031682	0.1862	0.19303	0.1992	0.0044066	-0.0099	0.00021	0.0071	0.0052564

Device Test: 15.42 VLDO|VDO_VLDO/VLDO/12/12/0/0/5.5/500kHz//@V_LDO_DO_5P5





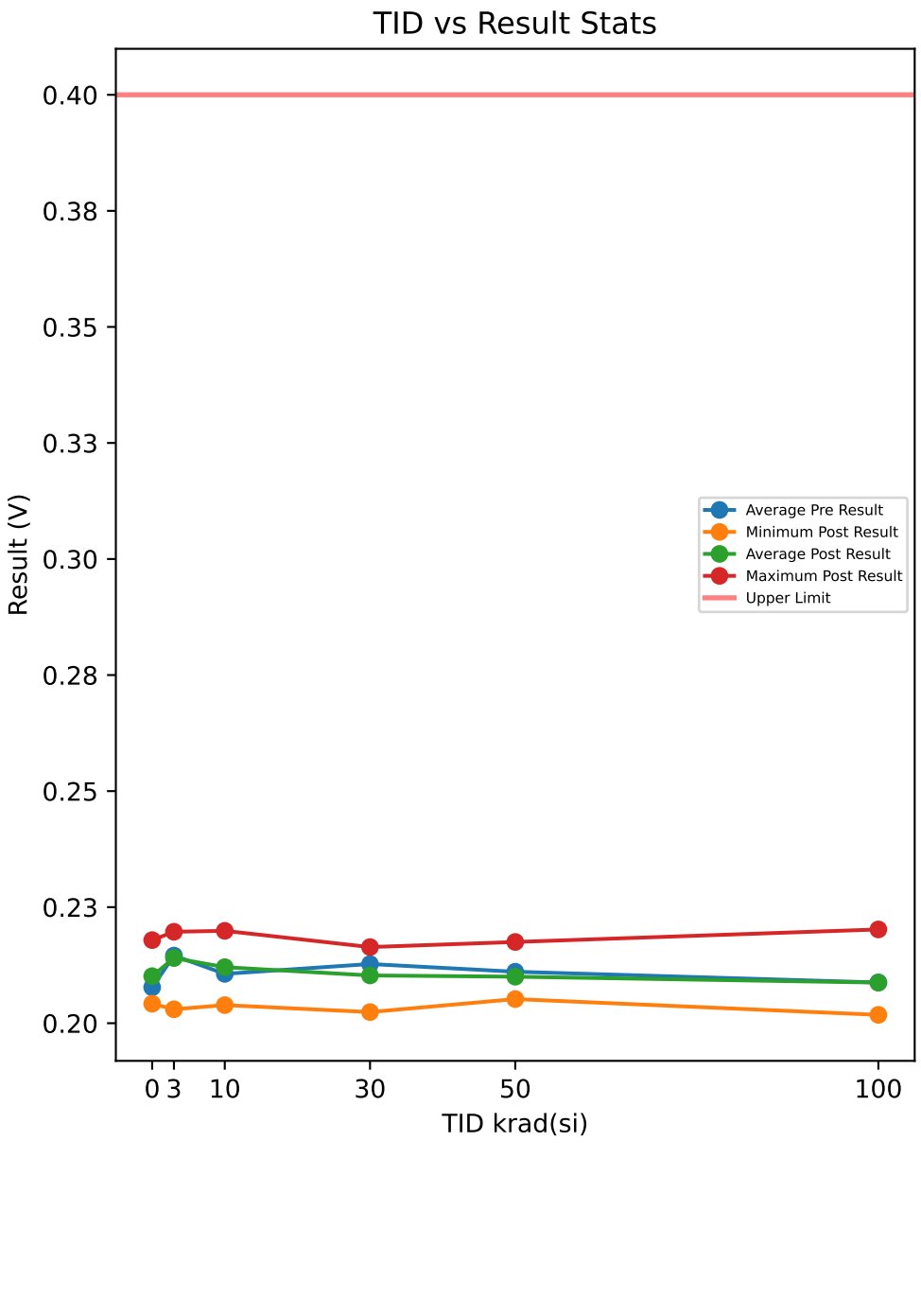
Test Results (Upper Limit = 0.4 (V))

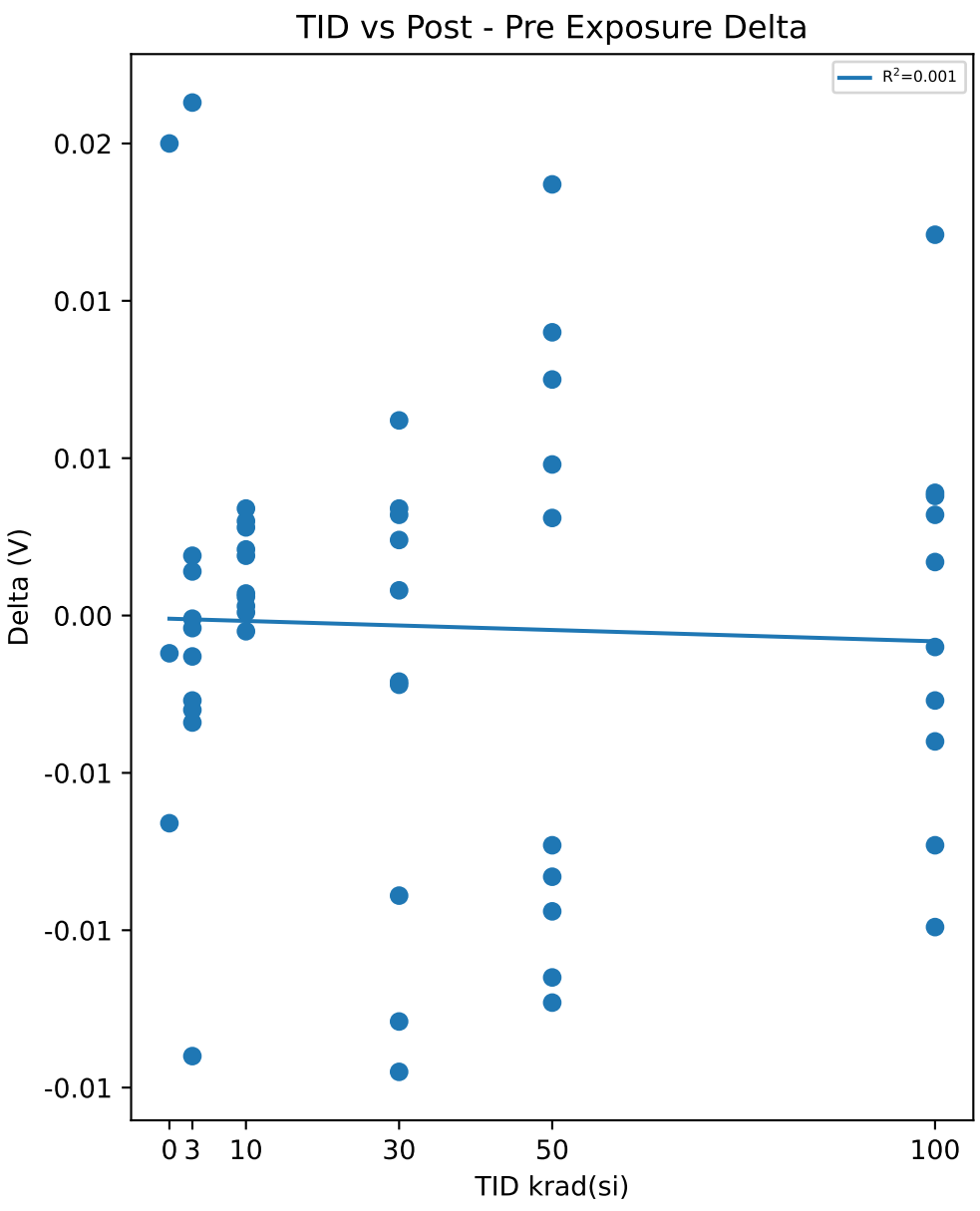
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.2123	0.2133	0.001
2	3	HDR BIAS	0.2141	0.214	-0.0001
3	3	HDR BIAS	0.2176	0.2174	-0.0002
4	3	HDR BIAS	0.2077	0.2105	0.0028
5	3	HDR BIAS	0.2141	0.2144	0.0003
6	3	HDR UNBIAS	0.2111	0.2087	-0.0024
7	3	HDR UNBIAS	0.2122	0.2135	0.0013
8	3	HDR UNBIAS	0.2162	0.2025	-0.0137
9	3	HDR UNBIAS	0.2162	0.2185	0.0023
10	3	HDR UNBIAS	0.2125	0.2091	-0.0034
11	10	HDR BIAS	0.2176	0.2059	-0.0117
12	10	HDR BIAS	0.2095	0.2108	0.0013
13	10	HDR BIAS	0.2156	0.2197	0.0041
14	10	HDR BIAS	0.2159	0.2029	-0.013
15	10	HDR BIAS	0.2053	0.208	0.0027
16	10	HDR UNBIAS	0.2159	0.2181	0.0022
17	10	HDR UNBIAS	0.2025	0.2054	0.0029
18	10	HDR UNBIAS	0.21	0.2148	0.0048
19	10	HDR UNBIAS	0.2174	0.2189	0.0015
20	10	HDR UNBIAS	0.2098	0.2132	0.0034
31	30	HDR BIAS	0.2151	0.2196	0.0045
32	30	HDR BIAS	0.2098	0.211	0.0012
33	30	HDR BIAS	0.2106	0.2073	-0.0033
34	30	HDR BIAS	0.2104	0.2157	0.0053
35	30	HDR BIAS	0.2057	0.2152	0.0095
36	30	HDR UNBIAS	0.2173	0.2062	-0.0111
37	30	HDR UNBIAS	0.2044	0.2202	0.0158
38	30	HDR UNBIAS	0.2066	0.2177	0.0111
39	30	HDR UNBIAS	0.2062	0.2109	0.0047
40	30	HDR UNBIAS	0.2188	0.2059	-0.0129
41	50	HDR BIAS	0.2166	0.2099	-0.0067
42	50	HDR BIAS	0.2052	0.2109	0.0057
43	50	HDR BIAS	0.2162	0.2054	-0.0108
44	50	HDR BIAS	0.2164	0.2077	-0.0087
45	50	HDR BIAS	0.2166	0.2101	-0.0065
46	50	HDR UNBIAS	0.2108	0.2054	-0.0054
47	50	HDR UNBIAS	0.2189	0.207	-0.0119
48	50	HDR UNBIAS	0.2027	0.2046	0.0019
49	50	HDR UNBIAS	0.2128	0.2024	-0.0104
50	50	HDR UNBIAS	0.2195	0.2121	-0.0074
51	100	HDR BIAS	0.2185	0.2147	-0.0038
52	100	HDR BIAS	0.2097	0.2184	0.0087
53	100	HDR BIAS	0.2182	0.204	-0.0142
54	100	HDR BIAS	0.2143	0.2118	-0.0025
55	100	HDR BIAS	0.2095	0.2032	-0.0063
56	100	HDR UNBIAS	0.2185	0.2027	-0.0158
57	100	HDR UNBIAS	0.2044	0.2174	0.013
58	100	HDR UNBIAS	0.216	0.2168	0.0008
59	100	HDR UNBIAS	0.2049	0.2093	0.0044
60	100	HDR UNBIAS	0.2153	0.22	0.0047
71	0	CORRELATION	0.2087	0.208	-0.0007
72	0	CORRELATION	0.218	0.2174	-0.0006
73	0	CORRELATION	0.2175	0.2044	-0.0131

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	0.2087	0.21473	0.218	0.005231	0.2044	0.20993	0.2174	0.0067122	-0.0131	-0.0048	-0.0006	0.0071882
3	0.2077	0.2134	0.2176	0.0028971	0.2025	0.21219	0.2185	0.0046732	-0.0137	-0.00121	0.0028	0.0047881
10	0.2025	0.21195	0.2176	0.0053136	0.2029	0.21177	0.2197	0.0060908	-0.013	-0.00018	0.0048	0.0065103
30	0.2044	0.21049	0.2188	0.0050635	0.2059	0.21297	0.2202	0.0054484	-0.0129	0.00248	0.0158	0.0092735
50	0.2027	0.21357	0.2195	0.0057091	0.2024	0.20755	0.2121	0.0031402	-0.0119	-0.00602	0.0057	0.0056456
100	0.2044	0.21293	0.2185	0.0054384	0.2027	0.21183	0.22	0.0066618	-0.0158	-0.0011	0.013	0.0093473

Device Test: 15.43 VLDO|VDO_VLDO/VLDO/14/14/0/0/5.5/500kHz//@V_LDO_DO_5P5





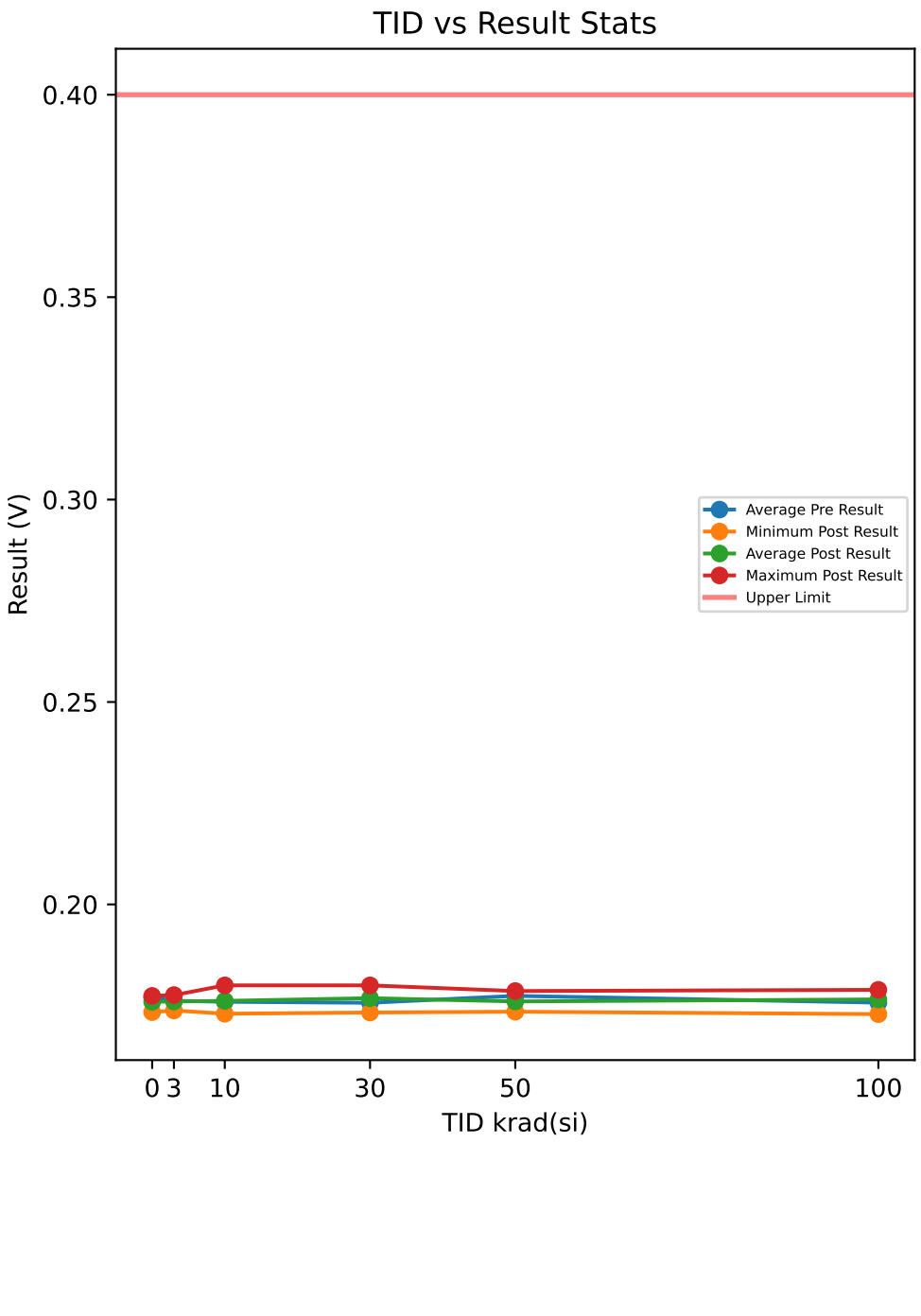
Test Results (Upper Limit = 0.4 (V))

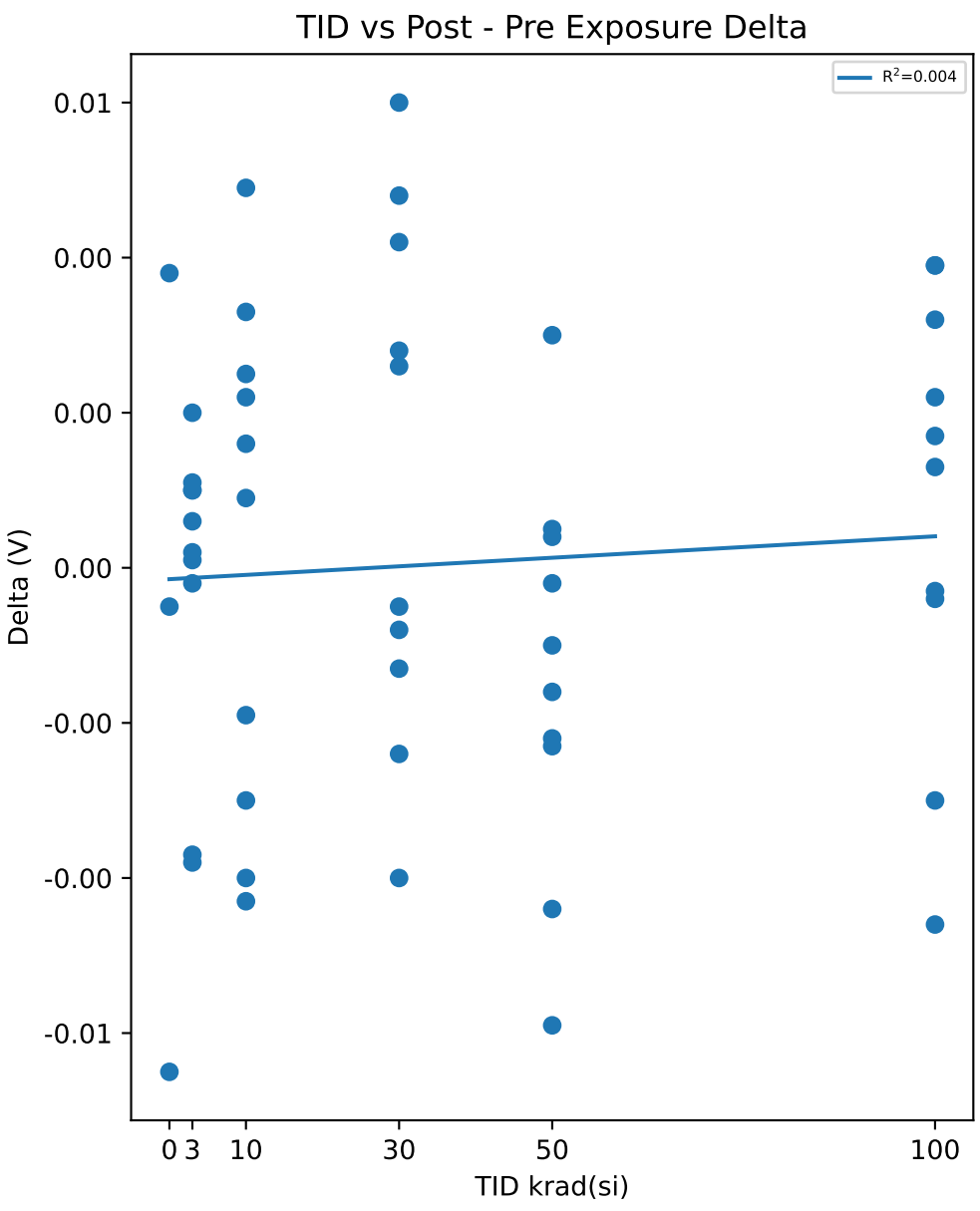
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.2167	0.214	-0.0027
2	3	HDR BIAS	0.218	0.2176	-0.0004
3	3	HDR BIAS	0.219	0.2177	-0.0013
4	3	HDR BIAS	0.2093	0.2107	0.0014
5	3	HDR BIAS	0.2178	0.2197	0.0019
6	3	HDR UNBIAS	0.2133	0.2103	-0.003
7	3	HDR UNBIAS	0.2137	0.2136	-0.0001
8	3	HDR UNBIAS	0.217	0.203	-0.014
9	3	HDR UNBIAS	0.2023	0.2186	0.0163
10	3	HDR UNBIAS	0.2186	0.2152	-0.0034
11	10	HDR BIAS	0.2042	0.2063	0.0021
12	10	HDR BIAS	0.2117	0.2112	-0.0005
13	10	HDR BIAS	0.2169	0.2199	0.003
14	10	HDR BIAS	0.2038	0.2039	0.0001
15	10	HDR BIAS	0.2073	0.208	0.0007
16	10	HDR UNBIAS	0.2161	0.218	0.0019
17	10	HDR UNBIAS	0.2032	0.206	0.0028
18	10	HDR UNBIAS	0.2122	0.2156	0.0034
19	10	HDR UNBIAS	0.2187	0.219	0.0003
20	10	HDR UNBIAS	0.2122	0.2128	0.0006
31	30	HDR BIAS	0.2169	0.2024	-0.0145
32	30	HDR BIAS	0.2156	0.2164	0.0008
33	30	HDR BIAS	0.2165	0.2143	-0.0022
34	30	HDR BIAS	0.2129	0.2163	0.0034
35	30	HDR BIAS	0.2097	0.2159	0.0062
36	30	HDR UNBIAS	0.2186	0.2057	-0.0129
37	30	HDR UNBIAS	0.2106	0.2085	-0.0021
38	30	HDR UNBIAS	0.2147	0.2058	-0.0089
39	30	HDR UNBIAS	0.2084	0.2116	0.0032
40	30	HDR UNBIAS	0.2036	0.206	0.0024
41	50	HDR BIAS	0.2085	0.2133	0.0048
42	50	HDR BIAS	0.2082	0.2113	0.0031
43	50	HDR BIAS	0.2167	0.2052	-0.0115
44	50	HDR BIAS	0.2176	0.2082	-0.0094
45	50	HDR BIAS	0.2038	0.2175	0.0137
46	50	HDR UNBIAS	0.2129	0.2056	-0.0073
47	50	HDR UNBIAS	0.2191	0.2068	-0.0123
48	50	HDR UNBIAS	0.2057	0.2132	0.0075
49	50	HDR UNBIAS	0.2145	0.2062	-0.0083
50	50	HDR UNBIAS	0.2039	0.2129	0.009
51	100	HDR BIAS	0.2075	0.2196	0.0121
52	100	HDR BIAS	0.2117	0.2018	-0.0099
53	100	HDR BIAS	0.2026	0.2058	0.0032
54	100	HDR BIAS	0.2191	0.2164	-0.0027
55	100	HDR BIAS	0.2113	0.204	-0.0073
56	100	HDR UNBIAS	0.2029	0.2046	0.0017
57	100	HDR UNBIAS	0.2066	0.2026	-0.004
58	100	HDR UNBIAS	0.2043	0.2033	-0.001
59	100	HDR UNBIAS	0.2054	0.2092	0.0038
60	100	HDR UNBIAS	0.2163	0.2202	0.0039
71	0	CORRELATION	0.2095	0.2083	-0.0012
72	0	CORRELATION	0.2029	0.2179	0.015
73	0	CORRELATION	0.2108	0.2042	-0.0066

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	0.2029	0.20773	0.2108	0.004236	0.2042	0.21013	0.2179	0.0070316	-0.0066	0.0024	0.015	0.011241
3	0.2023	0.21457	0.219	0.005262	0.203	0.21404	0.2197	0.0050273	-0.014	-0.00053	0.0163	0.0074099
10	0.2032	0.21063	0.2187	0.0057225	0.2039	0.21207	0.2199	0.005885	-0.0005	0.00144	0.0034	0.0013697
30	0.2036	0.21275	0.2186	0.0046431	0.2024	0.21029	0.2164	0.0052473	-0.0145	-0.00246	0.0062	0.0072361
50	0.2038	0.21109	0.2191	0.0057915	0.2052	0.21002	0.2175	0.0041872	-0.0123	-0.00107	0.0137	0.0096622
100	0.2026	0.20877	0.2191	0.0056626	0.2018	0.20875	0.2202	0.0072408	-0.0099	-2e-05	0.0121	0.0063664

Device Test: 15.44 VLDO|VDO_VLDO/VLDO/4.5/4.5/0/0/4.5/500kHz//@V_LDO_DO_4P5





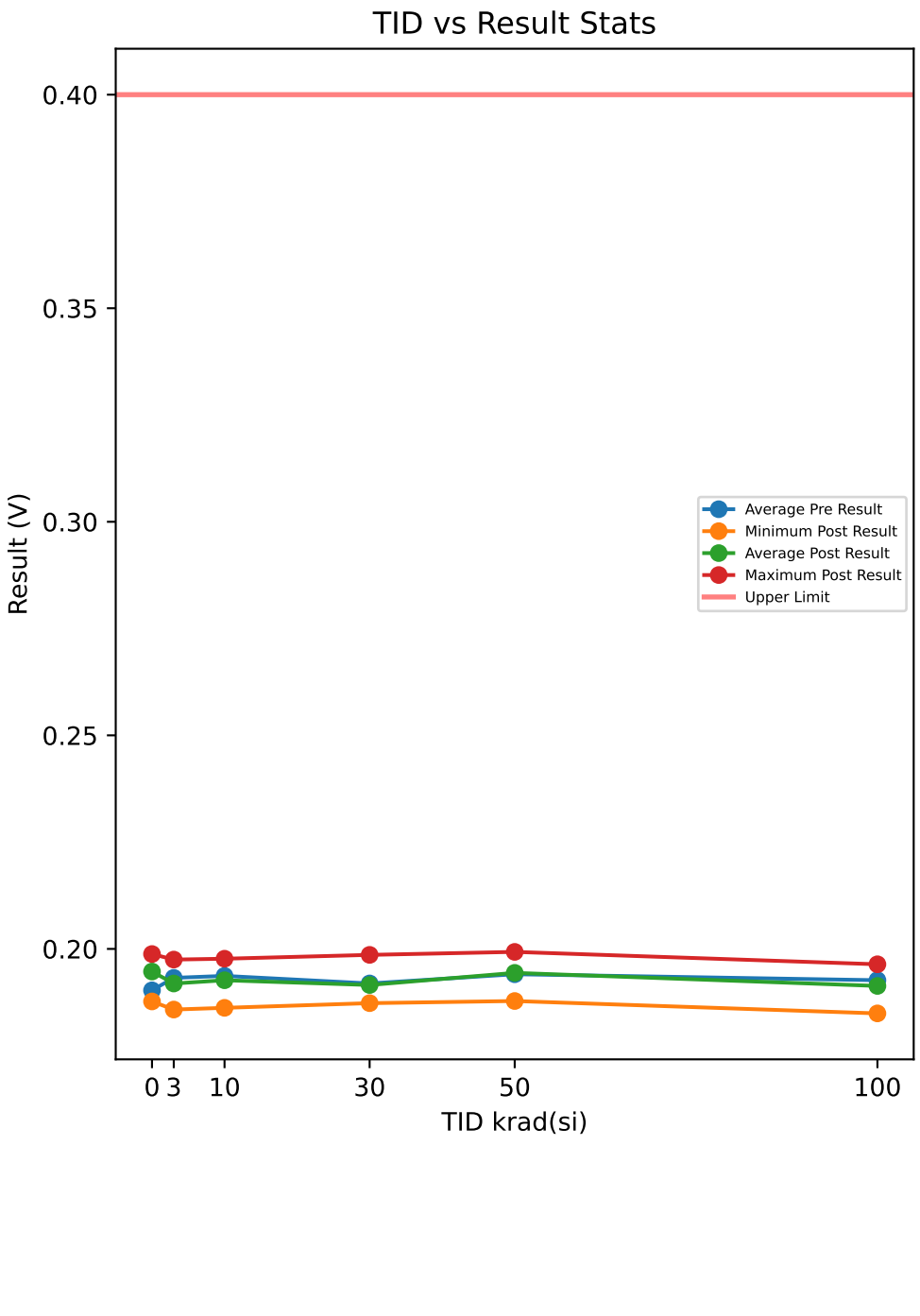
Test Results (Upper Limit = 0.4 (V))

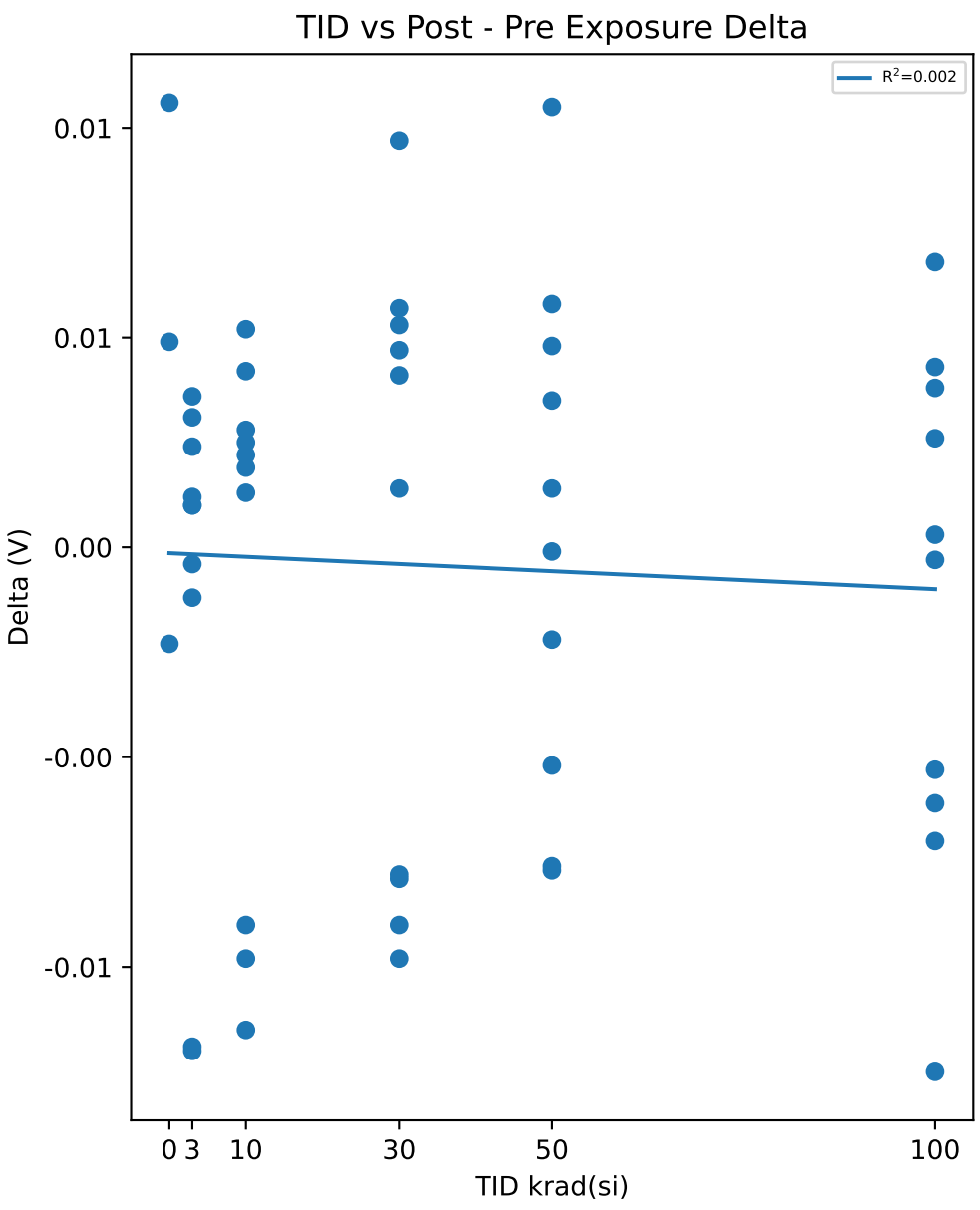
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1751	0.1761	0.001
2	3	HDR BIAS	0.1749	0.1755	0.0006
3	3	HDR BIAS	0.1736	0.1738	0.0002
4	3	HDR BIAS	0.1754	0.1774	0.002
5	3	HDR BIAS	0.1758	0.1769	0.0011
6	3	HDR UNBIAS	0.1764	0.1762	-0.0002
7	3	HDR UNBIAS	0.1766	0.1776	0.001
8	3	HDR UNBIAS	0.1786	0.1749	-0.0037
9	3	HDR UNBIAS	0.1796	0.1758	-0.0038
10	3	HDR UNBIAS	0.176	0.1761	0.0001
11	10	HDR BIAS	0.1733	0.1782	0.0049
12	10	HDR BIAS	0.1773	0.173	-0.0043
13	10	HDR BIAS	0.1756	0.1789	0.0033
14	10	HDR BIAS	0.1762	0.1732	-0.003
15	10	HDR BIAS	0.1778	0.1738	-0.004
16	10	HDR UNBIAS	0.1733	0.1749	0.0016
17	10	HDR UNBIAS	0.177	0.1795	0.0025
18	10	HDR UNBIAS	0.1775	0.1756	-0.0019
19	10	HDR UNBIAS	0.1737	0.1746	0.0009
20	10	HDR UNBIAS	0.1778	0.18	0.0022
31	30	HDR BIAS	0.1764	0.174	-0.0024
32	30	HDR BIAS	0.174	0.18	0.006
33	30	HDR BIAS	0.1791	0.1751	-0.004
34	30	HDR BIAS	0.1778	0.1765	-0.0013
35	30	HDR BIAS	0.1735	0.1761	0.0026
36	30	HDR UNBIAS	0.1767	0.1762	-0.0005
37	30	HDR UNBIAS	0.1749	0.1791	0.0042
38	30	HDR UNBIAS	0.1742	0.179	0.0048
39	30	HDR UNBIAS	0.1741	0.1733	-0.0008
40	30	HDR UNBIAS	0.1763	0.1791	0.0028
41	50	HDR BIAS	0.1791	0.1747	-0.0044
42	50	HDR BIAS	0.1743	0.1747	0.0004
43	50	HDR BIAS	0.1784	0.1782	-0.0002
44	50	HDR BIAS	0.1749	0.1779	0.003
45	50	HDR BIAS	0.1794	0.1735	-0.0059
46	50	HDR UNBIAS	0.1795	0.1772	-0.0023
47	50	HDR UNBIAS	0.1775	0.1765	-0.001
48	50	HDR UNBIAS	0.1765	0.1749	-0.0016
49	50	HDR UNBIAS	0.1781	0.1786	0.0005
50	50	HDR UNBIAS	0.1764	0.1742	-0.0022
51	100	HDR BIAS	0.1782	0.1752	-0.003
52	100	HDR BIAS	0.1737	0.1776	0.0039
53	100	HDR BIAS	0.1733	0.1772	0.0039
54	100	HDR BIAS	0.1733	0.1729	-0.0004
55	100	HDR BIAS	0.1776	0.1789	0.0013
56	100	HDR UNBIAS	0.1774	0.1771	-0.0003
57	100	HDR UNBIAS	0.1753	0.1775	0.0022
58	100	HDR UNBIAS	0.1758	0.1775	0.0017
59	100	HDR UNBIAS	0.1786	0.174	-0.0046
60	100	HDR UNBIAS	0.1742	0.1774	0.0032
71	0	CORRELATION	0.1732	0.177	0.0038
72	0	CORRELATION	0.1799	0.1734	-0.0065
73	0	CORRELATION	0.1779	0.1774	-0.0005

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	0.1732	0.177	0.1799	0.0034395	0.1734	0.17593	0.1774	0.002203	-0.0065	-0.0010667	0.0038	0.0051733
3	0.1736	0.1762	0.1796	0.0017645	0.1738	0.17603	0.1776	0.0011412	-0.0038	-0.00017	0.002	0.0019861
10	0.1733	0.17595	0.1778	0.0018698	0.173	0.17617	0.18	0.0027125	-0.0043	0.00022	0.0049	0.0032656
30	0.1735	0.1757	0.1791	0.0018559	0.1733	0.17684	0.18	0.0023467	-0.004	0.00114	0.006	0.0033768
50	0.1743	0.17741	0.1795	0.00184	0.1735	0.17604	0.1786	0.0018548	-0.0059	-0.00137	0.003	0.0025504
100	0.1733	0.17574	0.1786	0.0020839	0.1729	0.17653	0.1789	0.0018715	-0.0046	0.00079	0.0039	0.0028723

Device Test: 15.45 VLDO|VDO_VLDO/VLDO/5/5/0/0/5/500kHz//@V_LDO_DO_5





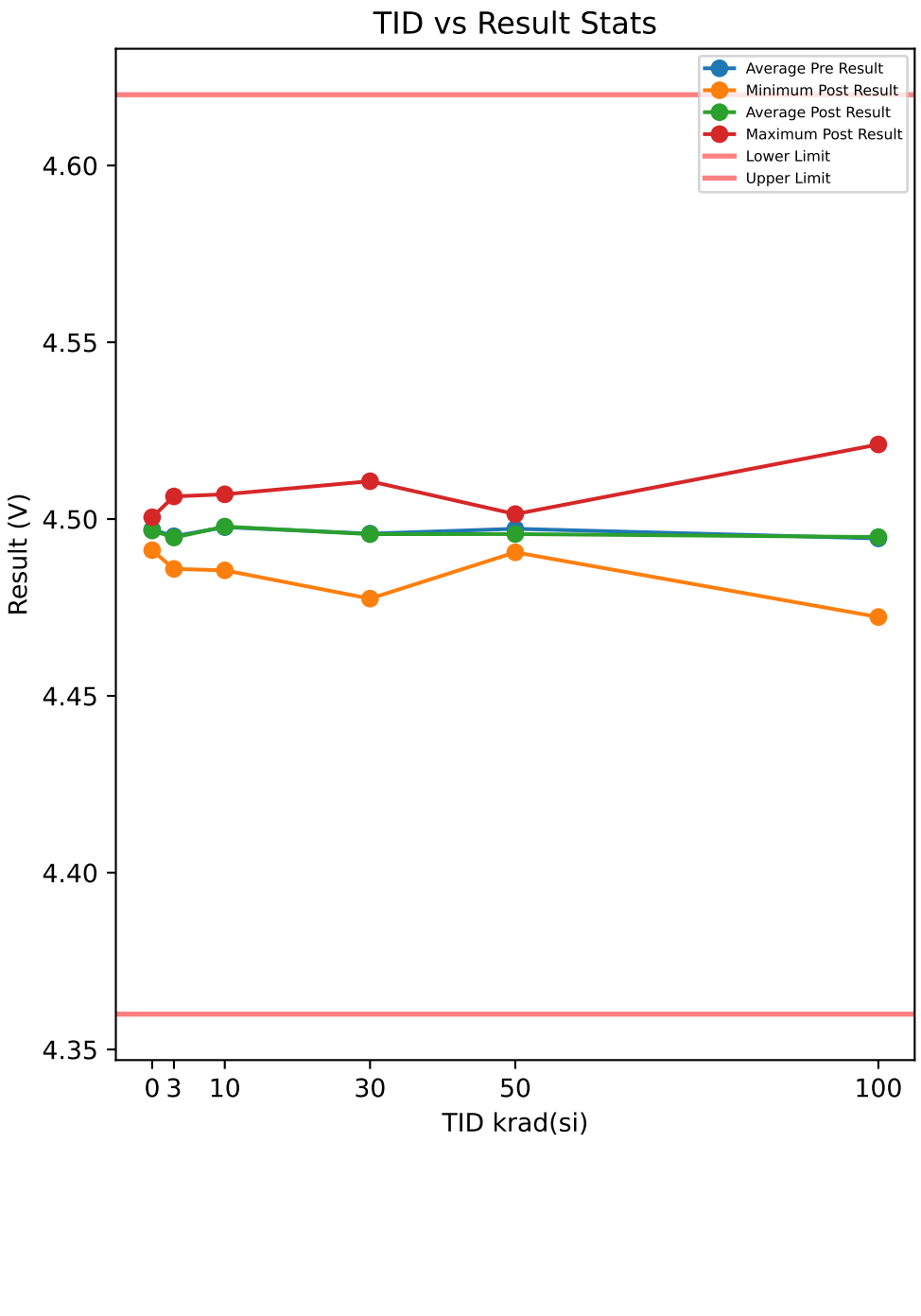
Test Results (Upper Limit = 0.4 (V))

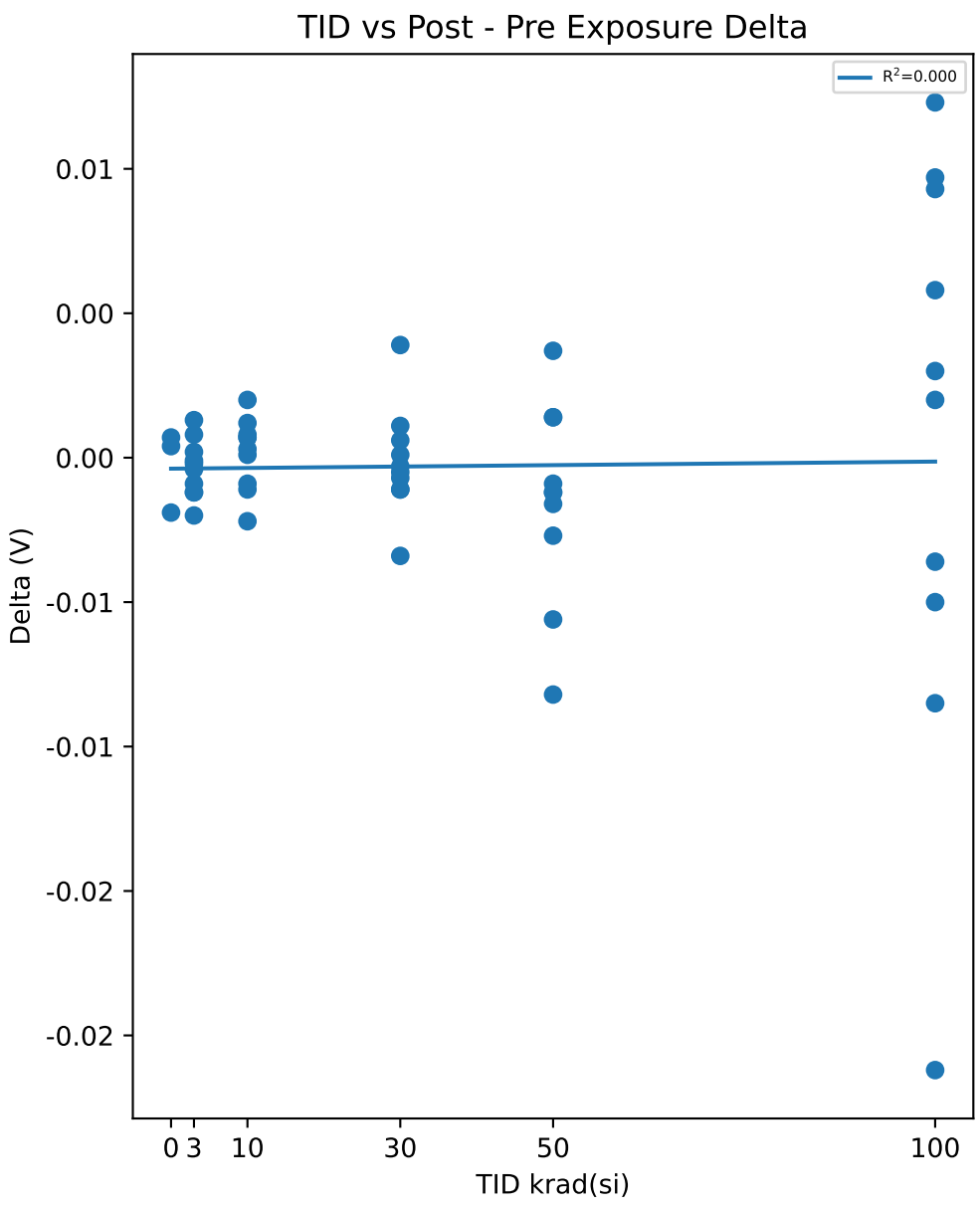
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1915	0.1925	0.001
2	3	HDR BIAS	0.1978	0.1858	-0.012
3	3	HDR BIAS	0.1938	0.1934	-0.0004
4	3	HDR BIAS	0.1901	0.1932	0.0031
5	3	HDR BIAS	0.1999	0.188	-0.0119
6	3	HDR UNBIAS	0.1899	0.1887	-0.0012
7	3	HDR UNBIAS	0.1923	0.1935	0.0012
8	3	HDR UNBIAS	0.1873	0.1909	0.0036
9	3	HDR UNBIAS	0.1931	0.1955	0.0024
10	3	HDR UNBIAS	0.1965	0.1975	0.001
11	10	HDR BIAS	0.1889	0.1941	0.0052
12	10	HDR BIAS	0.1895	0.1914	0.0019
13	10	HDR BIAS	0.198	0.1882	-0.0098
14	10	HDR BIAS	0.1984	0.1894	-0.009
15	10	HDR BIAS	0.1977	0.1862	-0.0115
16	10	HDR UNBIAS	0.1954	0.1976	0.0022
17	10	HDR UNBIAS	0.1874	0.1902	0.0028
18	10	HDR UNBIAS	0.1903	0.1945	0.0042
19	10	HDR UNBIAS	0.1964	0.1977	0.0013
20	10	HDR UNBIAS	0.1948	0.1973	0.0025
31	30	HDR BIAS	0.1975	0.1885	-0.009
32	30	HDR BIAS	0.197	0.1891	-0.0079
33	30	HDR BIAS	0.1865	0.1879	0.0014
34	30	HDR BIAS	0.1889	0.1946	0.0057
35	30	HDR BIAS	0.1889	0.1986	0.0097
36	30	HDR UNBIAS	0.1951	0.1873	-0.0078
37	30	HDR UNBIAS	0.1904	0.1951	0.0047
38	30	HDR UNBIAS	0.1902	0.1943	0.0041
39	30	HDR UNBIAS	0.1861	0.1914	0.0053
40	30	HDR UNBIAS	0.1985	0.1887	-0.0098
41	50	HDR BIAS	0.197	0.1984	0.0014
42	50	HDR BIAS	0.1995	0.1918	-0.0077
43	50	HDR BIAS	0.1954	0.1878	-0.0076
44	50	HDR BIAS	0.1985	0.1933	-0.0052
45	50	HDR BIAS	0.1922	0.198	0.0058
46	50	HDR UNBIAS	0.1939	0.1917	-0.0022
47	50	HDR UNBIAS	0.1872	0.192	0.0048
48	50	HDR UNBIAS	0.1958	0.1993	0.0035
49	50	HDR UNBIAS	0.1943	0.1942	-0.0001
50	50	HDR UNBIAS	0.1869	0.1974	0.0105
51	100	HDR BIAS	0.2006	0.1881	-0.0125
52	100	HDR BIAS	0.1902	0.1849	-0.0053
53	100	HDR BIAS	0.1878	0.1904	0.0026
54	100	HDR BIAS	0.1918	0.1956	0.0038
55	100	HDR BIAS	0.1921	0.1924	0.0003
56	100	HDR UNBIAS	0.1861	0.1904	0.0043
57	100	HDR UNBIAS	0.196	0.1957	-0.0003
58	100	HDR UNBIAS	0.198	0.191	-0.007
59	100	HDR UNBIAS	0.1896	0.1964	0.0068
60	100	HDR UNBIAS	0.1945	0.1884	-0.0061
71	0	CORRELATION	0.19	0.1877	-0.0023
72	0	CORRELATION	0.1939	0.1988	0.0049
73	0	CORRELATION	0.187	0.1976	0.0106

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	0.187	0.1903	0.1939	0.0034598	0.1877	0.1947	0.1988	0.0060918	-0.0023	0.0044	0.0106	0.0064645
3	0.1873	0.19322	0.1999	0.0038918	0.1858	0.1919	0.1975	0.0035721	-0.012	-0.00132	0.0036	0.0057885
10	0.1874	0.19368	0.1984	0.004215	0.1862	0.19266	0.1977	0.0041724	-0.0115	-0.00102	0.0052	0.0063927
30	0.1861	0.19191	0.1985	0.0046799	0.1873	0.19155	0.1986	0.0038587	-0.0098	-0.00036	0.0097	0.0074126
50	0.1869	0.19407	0.1995	0.0042771	0.1878	0.19439	0.1993	0.0037504	-0.0077	0.00032	0.0105	0.0060466
100	0.1861	0.19267	0.2006	0.0045853	0.1849	0.19133	0.1964	0.0037473	-0.0125	-0.00134	0.0068	0.0061346

Device Test: 15.5 VLDO|V_VLDO/VLDO/14/14/0/0/4.5/500kHz//@V_LDO_4P5





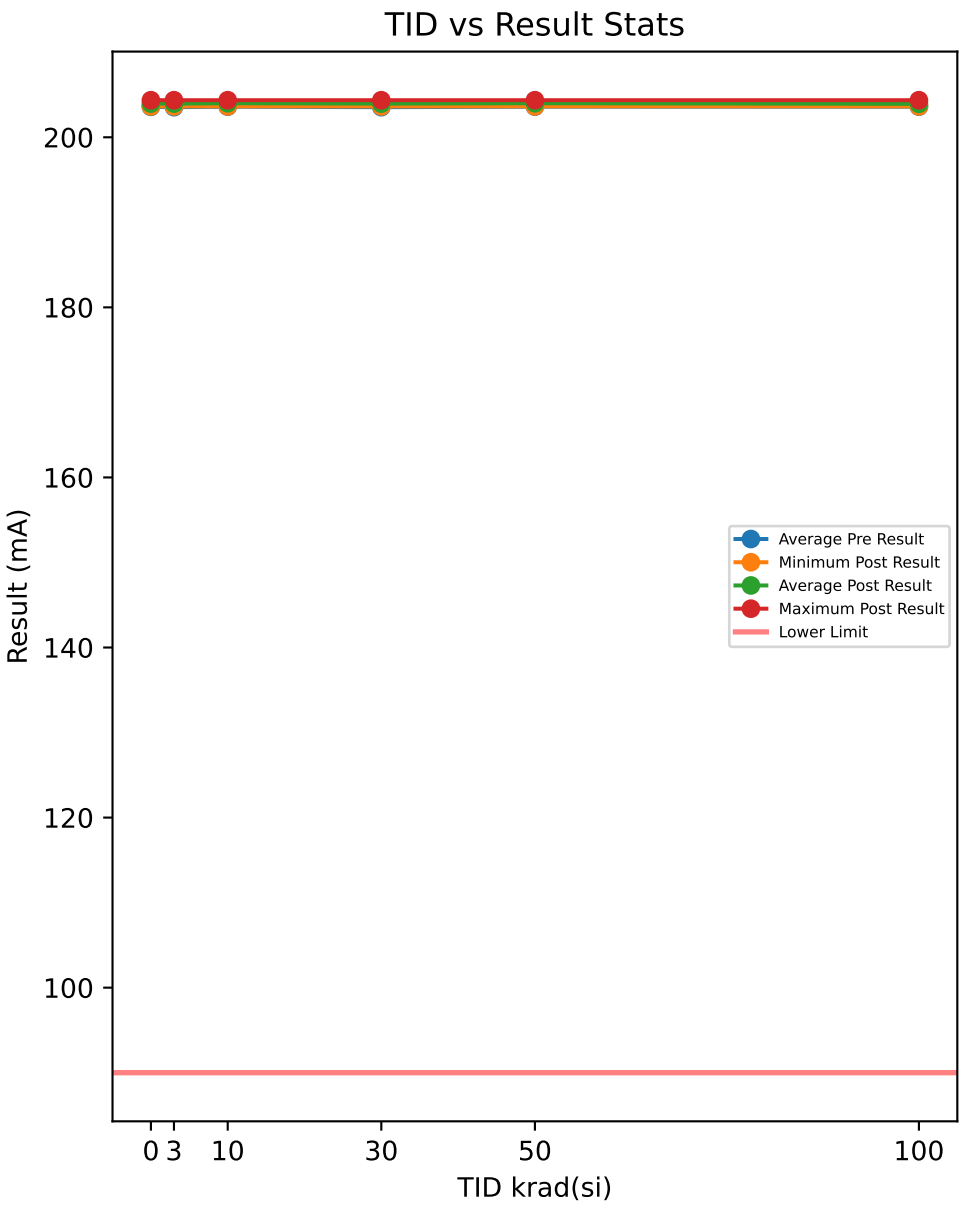
Test Results (Lower Limit = 4.36, Upper Limit = 4.62 (V))

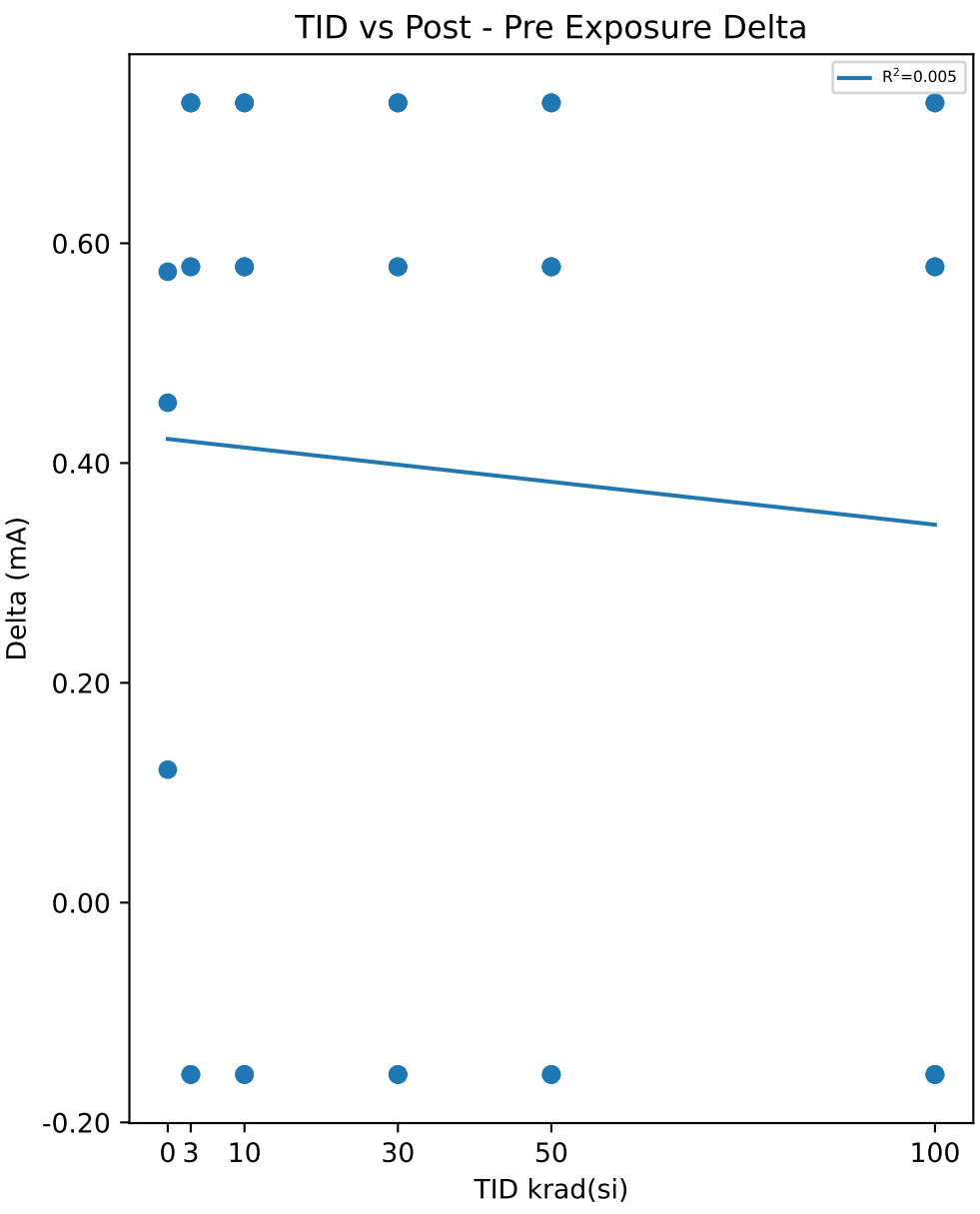
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.4917	4.4913	-0.0004
2	3	HDR BIAS	4.4857	4.4859	0.0002
3	3	HDR BIAS	4.4973	4.4964	-0.0009
4	3	HDR BIAS	4.4981	4.498	-0.0001
5	3	HDR BIAS	4.4982	4.498	-0.0002
6	3	HDR UNBIAS	4.5017	4.4997	-0.002
7	3	HDR UNBIAS	4.4898	4.4886	-0.0012
8	3	HDR UNBIAS	4.5051	4.5064	0.0013
9	3	HDR UNBIAS	4.4959	4.4967	0.0008
10	3	HDR UNBIAS	4.4879	4.4867	-0.0012
11	10	HDR BIAS	4.5058	4.507	0.0012
12	10	HDR BIAS	4.4991	4.4982	-0.0009
13	10	HDR BIAS	4.5037	4.5044	0.0007
14	10	HDR BIAS	4.4922	4.493	0.0008
15	10	HDR BIAS	4.4848	4.4855	0.0007
16	10	HDR UNBIAS	4.4936	4.4925	-0.0011
17	10	HDR UNBIAS	4.4993	4.4996	0.0003
18	10	HDR UNBIAS	4.5007	4.5027	0.002
19	10	HDR UNBIAS	4.4937	4.4915	-0.0022
20	10	HDR UNBIAS	4.5042	4.5043	0.0001
31	30	HDR BIAS	4.5025	4.5018	-0.0007
32	30	HDR BIAS	4.5031	4.5028	-0.0003
33	30	HDR BIAS	4.4809	4.4775	-0.0034
34	30	HDR BIAS	4.4947	4.4948	0.0001
35	30	HDR BIAS	4.4848	4.4887	0.0039
36	30	HDR UNBIAS	4.4908	4.4914	0.0006
37	30	HDR UNBIAS	4.5118	4.5107	-0.0011
38	30	HDR UNBIAS	4.4968	4.4957	-0.0011
39	30	HDR UNBIAS	4.4975	4.4986	0.0011
40	30	HDR UNBIAS	4.4958	4.4953	-0.0005
41	50	HDR BIAS	4.4963	4.4907	-0.0056
42	50	HDR BIAS	4.4956	4.4947	-0.0009
43	50	HDR BIAS	4.4977	4.4965	-0.0012
44	50	HDR BIAS	4.4946	4.496	0.0014
45	50	HDR BIAS	4.4922	4.4906	-0.0016
46	50	HDR UNBIAS	4.4976	4.5013	0.0037
47	50	HDR UNBIAS	4.4985	4.4973	-0.0012
48	50	HDR UNBIAS	4.4956	4.4929	-0.0027
49	50	HDR UNBIAS	4.5044	4.4962	-0.0082
50	50	HDR UNBIAS	4.5	4.5014	0.0014
51	100	HDR BIAS	4.5191	4.5211	0.002
52	100	HDR BIAS	4.4906	4.487	-0.0036
53	100	HDR BIAS	4.4935	4.4723	-0.0212
54	100	HDR BIAS	4.4895	4.481	-0.0085
55	100	HDR BIAS	4.4983	4.5106	0.0123
56	100	HDR UNBIAS	4.4806	4.4864	0.0058
57	100	HDR UNBIAS	4.4832	4.4862	0.003
58	100	HDR UNBIAS	4.4799	4.4749	-0.005
59	100	HDR UNBIAS	4.5027	4.5124	0.0097
60	100	HDR UNBIAS	4.5079	4.5172	0.0093
71	0	CORRELATION	4.4931	4.4912	-0.0019
72	0	CORRELATION	4.5001	4.5005	0.0004
73	0	CORRELATION	4.4979	4.4986	0.0007

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	4.4931	4.497	4.5001	0.0035796	4.4912	4.4968	4.5005	0.0049136	-0.0019	-0.00026667	0.0007	0.0014224
3	4.4857	4.4951	4.5051	0.0062136	4.4859	4.4948	4.5064	0.006504	-0.002	-0.00037	0.0013	0.00099448
10	4.4848	4.4977	4.5058	0.0065562	4.4855	4.4979	4.507	0.0069914	-0.0022	0.00016	0.002	0.0012367
30	4.4809	4.4959	4.5118	0.0089891	4.4775	4.4957	4.5107	0.0089487	-0.0034	-0.00014	0.0039	0.001868
50	4.4922	4.4972	4.5044	0.0033241	4.4906	4.4958	4.5014	0.0037595	-0.0082	-0.00149	0.0037	0.0034569
100	4.4799	4.4945	4.5191	0.012656	4.4723	4.4949	4.5211	0.018411	-0.0212	0.00038	0.0123	0.010202

Device Test: 15.6 VLDO|ILIM_VLDO/VLDO/14/14/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_7





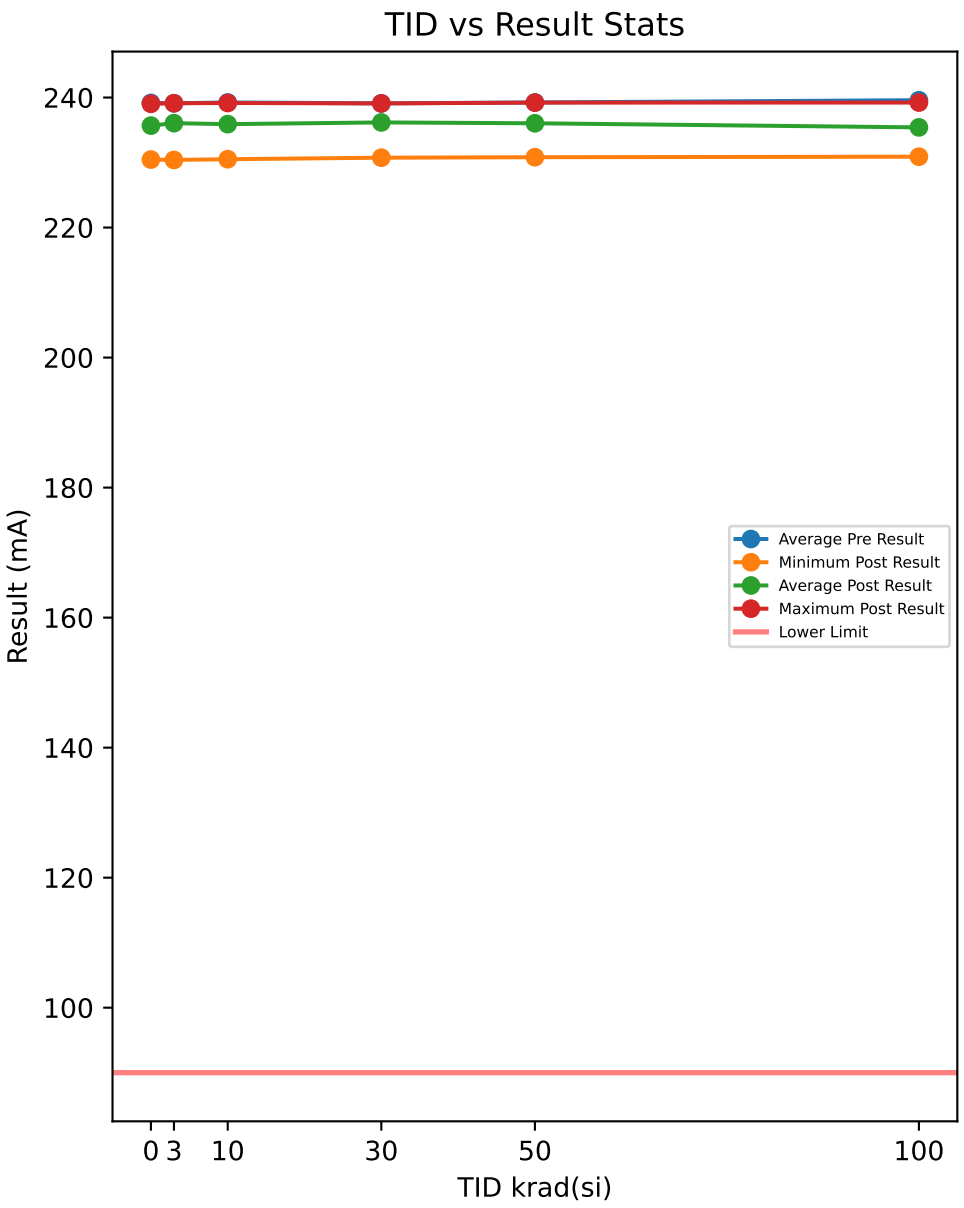
Test Results (Lower Limit = 90.0 (mA))

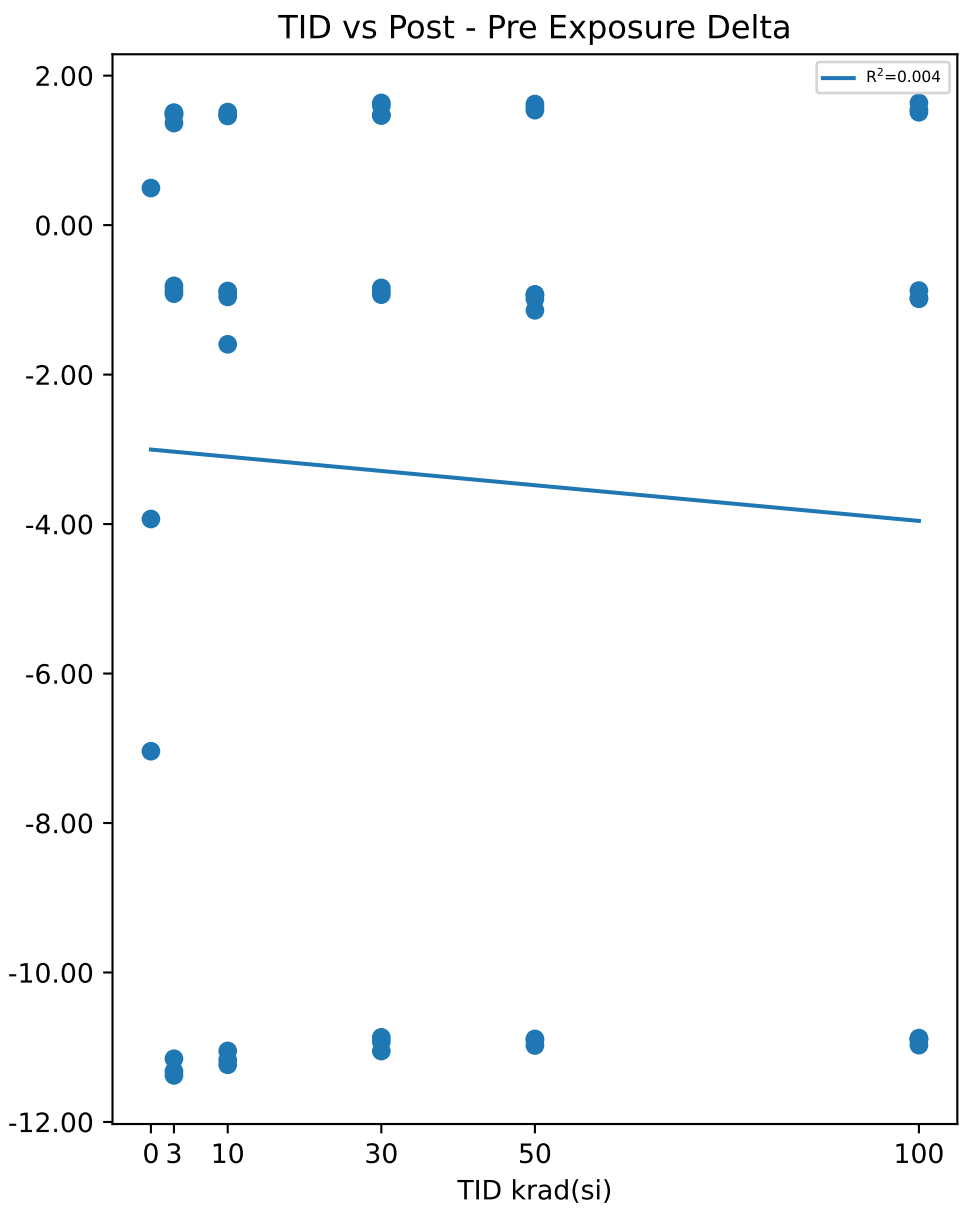
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	203.18	203.9	0.7278
2	3	HDR BIAS	203.78	204.36	0.5786
3	3	HDR BIAS	203.79	203.63	-0.1564
4	3	HDR BIAS	203.18	203.9	0.7278
5	3	HDR BIAS	203.78	204.36	0.5786
6	3	HDR UNBIAS	203.79	203.63	-0.1564
7	3	HDR UNBIAS	203.18	203.9	0.7278
8	3	HDR UNBIAS	203.78	204.36	0.5786
9	3	HDR UNBIAS	203.79	203.63	-0.1564
10	3	HDR UNBIAS	203.18	203.9	0.7278
11	10	HDR BIAS	203.78	204.36	0.5786
12	10	HDR BIAS	203.79	203.63	-0.1564
13	10	HDR BIAS	203.18	203.9	0.7278
14	10	HDR BIAS	203.78	204.36	0.5786
15	10	HDR BIAS	203.79	203.63	-0.1564
16	10	HDR UNBIAS	203.18	203.9	0.7278
17	10	HDR UNBIAS	203.78	204.36	0.5786
18	10	HDR UNBIAS	203.79	203.63	-0.1564
19	10	HDR UNBIAS	203.18	203.9	0.7278
20	10	HDR UNBIAS	203.78	204.36	0.5786
31	30	HDR BIAS	203.18	203.9	0.7278
32	30	HDR BIAS	203.78	204.36	0.5786
33	30	HDR BIAS	203.79	203.63	-0.1564
34	30	HDR BIAS	203.18	203.9	0.7278
35	30	HDR BIAS	203.78	204.36	0.5786
36	30	HDR UNBIAS	203.79	203.63	-0.1564
37	30	HDR UNBIAS	203.18	203.9	0.7278
38	30	HDR UNBIAS	203.78	204.36	0.5786
39	30	HDR UNBIAS	203.79	203.63	-0.1564
40	30	HDR UNBIAS	203.18	203.9	0.7278
41	50	HDR BIAS	203.78	204.36	0.5786
42	50	HDR BIAS	203.79	203.63	-0.1564
43	50	HDR BIAS	203.18	203.9	0.7278
44	50	HDR BIAS	203.78	204.36	0.5786
45	50	HDR BIAS	203.79	203.63	-0.1564
46	50	HDR UNBIAS	203.18	203.9	0.7278
47	50	HDR UNBIAS	203.78	204.36	0.5786
48	50	HDR UNBIAS	203.79	203.63	-0.1564
49	50	HDR UNBIAS	203.18	203.9	0.7278
50	50	HDR UNBIAS	203.78	204.36	0.5786
51	100	HDR BIAS	203.79	203.63	-0.1564
52	100	HDR BIAS	203.18	203.9	0.7278
53	100	HDR BIAS	203.78	204.36	0.5786
54	100	HDR BIAS	203.79	203.63	-0.1564
55	100	HDR BIAS	203.18	203.9	0.7278
56	100	HDR UNBIAS	203.78	204.36	0.5786
57	100	HDR UNBIAS	203.79	203.63	-0.1564
58	100	HDR UNBIAS	203.18	203.9	0.7278
59	100	HDR UNBIAS	203.78	204.36	0.5786
60	100	HDR UNBIAS	203.79	203.63	-0.1564
71	0	CORRELATION	203.78	203.9	0.121
72	0	CORRELATION	203.79	204.36	0.5741
73	0	CORRELATION	203.18	203.63	0.4549

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	203.18	203.58	203.79	0.35164	203.63	203.96	204.36	0.36912	0.121	0.38333	0.5741	0.23487
3	203.18	203.54	203.79	0.31452	203.63	203.96	204.36	0.30201	-0.1564	0.41778	0.7278	0.40154
10	203.18	203.6	203.79	0.29405	203.63	204	204.36	0.32637	-0.1564	0.40286	0.7278	0.39138
30	203.18	203.54	203.79	0.31452	203.63	203.96	204.36	0.30201	-0.1564	0.41778	0.7278	0.40154
50	203.18	203.6	203.79	0.29405	203.63	204	204.36	0.32637	-0.1564	0.40286	0.7278	0.39138
100	203.18	203.6	203.79	0.29436	203.63	203.93	204.36	0.31941	-0.1564	0.32936	0.7278	0.42249

Device Test: 15.7 VLDO|ILIM_VLDO_SWEEP/VLDO/14/14/0/0/4.5/500kHz//@V_LDO_ILIM_4P5_7





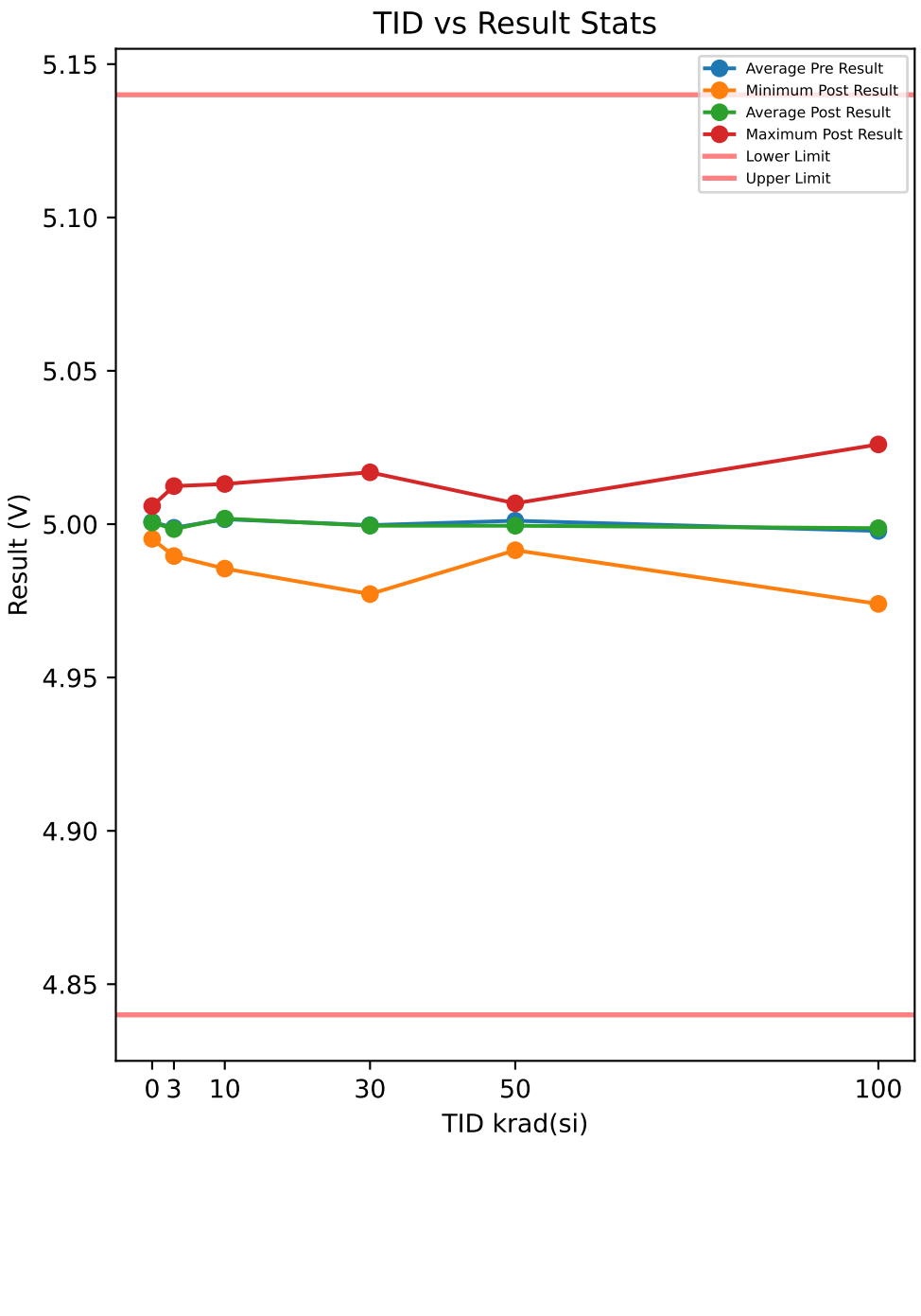
Test Results (Lower Limit = 90.0 (mA))

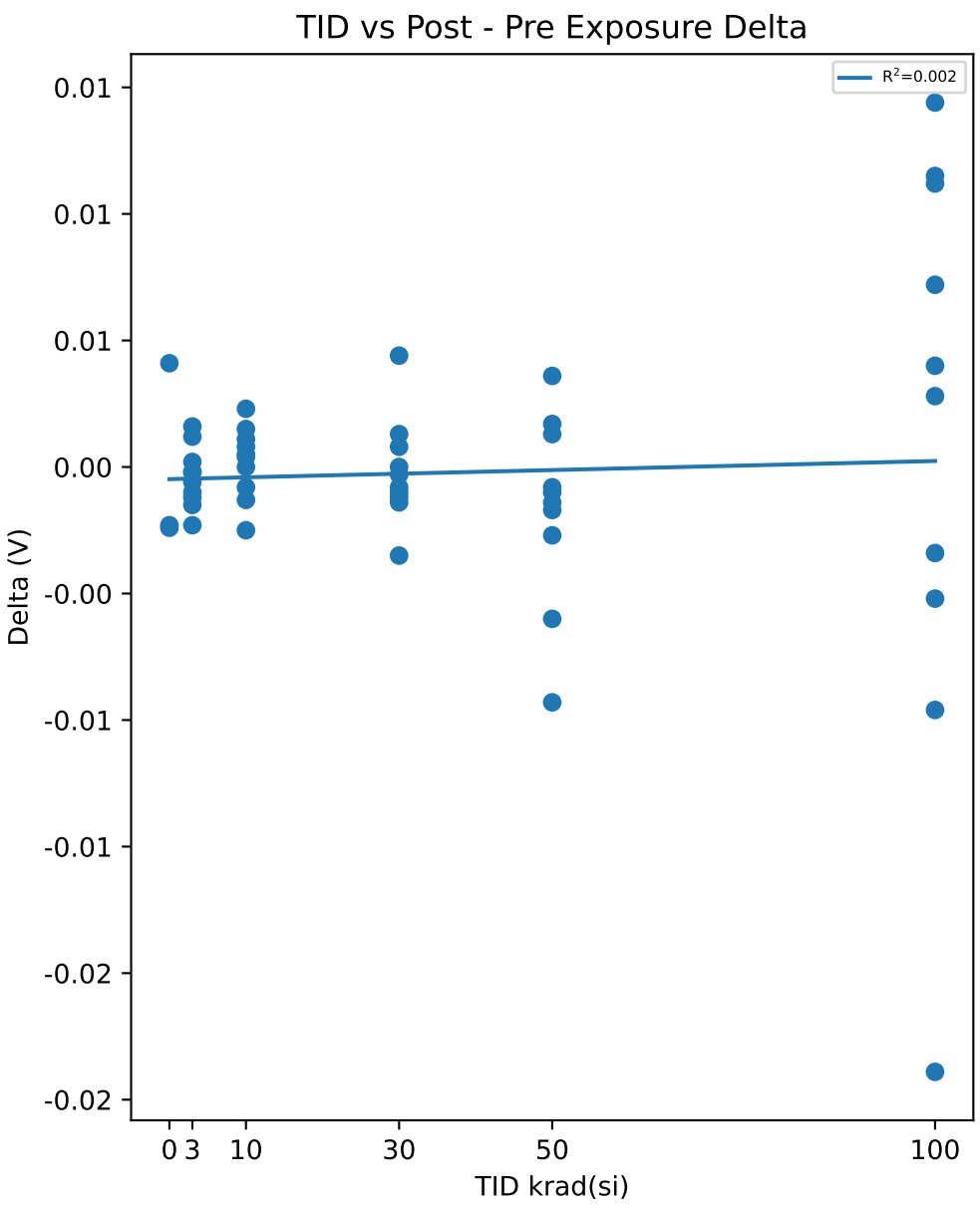
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	237.65	239.01	1.3652
2	3	HDR BIAS	238.45	237.54	-0.917
3	3	HDR BIAS	241.91	230.53	-11.377
4	3	HDR BIAS	237.58	239.05	1.4717
5	3	HDR BIAS	238.42	237.6	-0.8125
6	3	HDR UNBIAS	241.72	230.4	-11.323
7	3	HDR UNBIAS	237.58	239.08	1.5055
8	3	HDR UNBIAS	238.53	237.66	-0.8696
9	3	HDR UNBIAS	241.7	230.55	-11.154
10	3	HDR UNBIAS	237.62	239.12	1.4973
11	10	HDR BIAS	238.65	237.69	-0.9608
12	10	HDR BIAS	241.68	230.51	-11.169
13	10	HDR BIAS	237.63	239.15	1.5131
14	10	HDR BIAS	238.5	237.62	-0.8811
15	10	HDR BIAS	241.79	230.55	-11.235
16	10	HDR UNBIAS	237.63	239.1	1.4739
17	10	HDR UNBIAS	238.5	237.6	-0.8989
18	10	HDR UNBIAS	241.81	230.76	-11.049
19	10	HDR UNBIAS	237.7	239.16	1.4602
20	10	HDR UNBIAS	238.5	236.91	-1.5945
31	30	HDR BIAS	237.46	239.09	1.6347
32	30	HDR BIAS	238.54	237.65	-0.8924
33	30	HDR BIAS	241.8	230.74	-11.052
34	30	HDR BIAS	237.5	239.09	1.5969
35	30	HDR BIAS	238.42	237.58	-0.8397
36	30	HDR UNBIAS	241.81	230.89	-10.927
37	30	HDR UNBIAS	237.59	239.06	1.4733
38	30	HDR UNBIAS	238.52	237.59	-0.9308
39	30	HDR UNBIAS	241.85	230.98	-10.868
40	30	HDR UNBIAS	237.57	239.03	1.466
41	50	HDR BIAS	238.49	237.56	-0.9289
42	50	HDR BIAS	241.85	230.94	-10.907
43	50	HDR BIAS	237.57	239.15	1.5798
44	50	HDR BIAS	238.59	237.6	-0.9881
45	50	HDR BIAS	241.77	230.88	-10.889
46	50	HDR UNBIAS	237.56	239.1	1.5381
47	50	HDR UNBIAS	238.6	237.46	-1.1399
48	50	HDR UNBIAS	241.79	230.82	-10.977
49	50	HDR UNBIAS	237.6	239.22	1.6203
50	50	HDR UNBIAS	238.58	237.65	-0.9279
51	100	HDR BIAS	241.79	230.91	-10.878
52	100	HDR BIAS	237.49	239.04	1.5453
53	100	HDR BIAS	238.63	237.64	-0.9861
54	100	HDR BIAS	241.87	230.9	-10.973
55	100	HDR BIAS	237.59	239.22	1.6354
56	100	HDR UNBIAS	238.65	237.68	-0.9749
57	100	HDR UNBIAS	241.84	230.95	-10.894
58	100	HDR UNBIAS	237.67	239.18	1.5095
59	100	HDR UNBIAS	238.48	237.6	-0.8756
60	100	HDR UNBIAS	241.87	230.97	-10.9
71	0	CORRELATION	238.54	239.03	0.4961
72	0	CORRELATION	241.48	237.55	-3.9324
73	0	CORRELATION	237.5	230.46	-7.0395

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	237.5	239.17	241.48	2.0634	230.46	235.68	239.03	4.5817	-7.0395	-3.4919	0.4961	3.7871
3	237.58	239.12	241.91	1.8757	230.4	236.05	239.12	3.8912	-11.377	-3.0613	1.5055	5.7651
10	237.63	239.24	241.81	1.7822	230.51	235.9	239.16	3.7349	-11.235	-3.3342	1.5131	5.5132
30	237.46	239.1	241.85	1.9209	230.74	236.17	239.09	3.7134	-11.052	-2.9339	1.6347	5.6321
50	237.56	239.24	241.85	1.8219	230.82	236.04	239.22	3.6264	-10.977	-3.2019	1.6203	5.4465
100	237.49	239.59	241.87	1.9843	230.9	235.41	239.22	3.9027	-10.973	-4.1791	1.6354	5.8841

Device Test: 15.8 VLDO|V_VLDO/VLDO/5.5/5.5/0/0/5/500kHz//@V_LDO_5





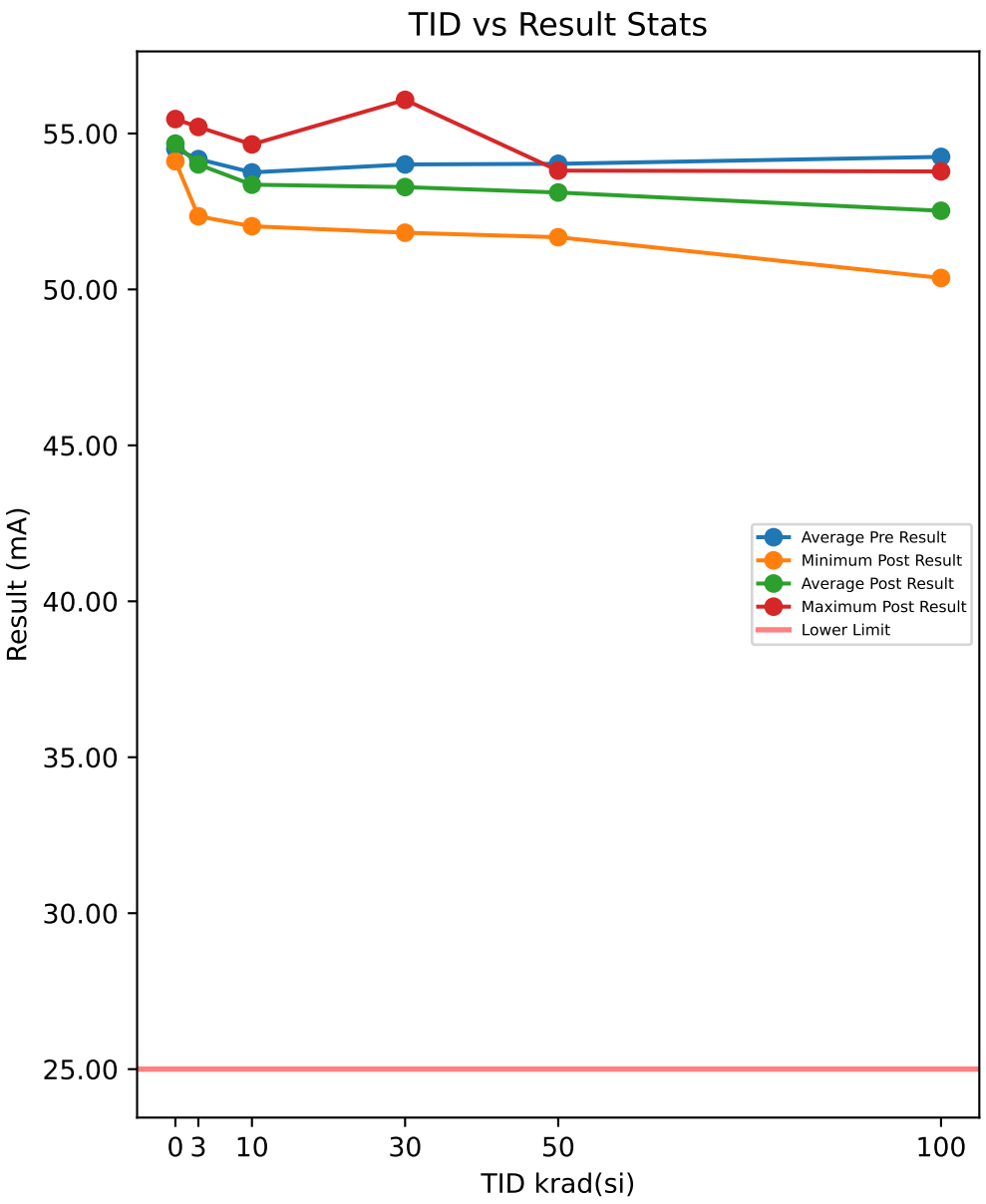
Test Results (Lower Limit = 4.84, Upper Limit = 5.14 (V))

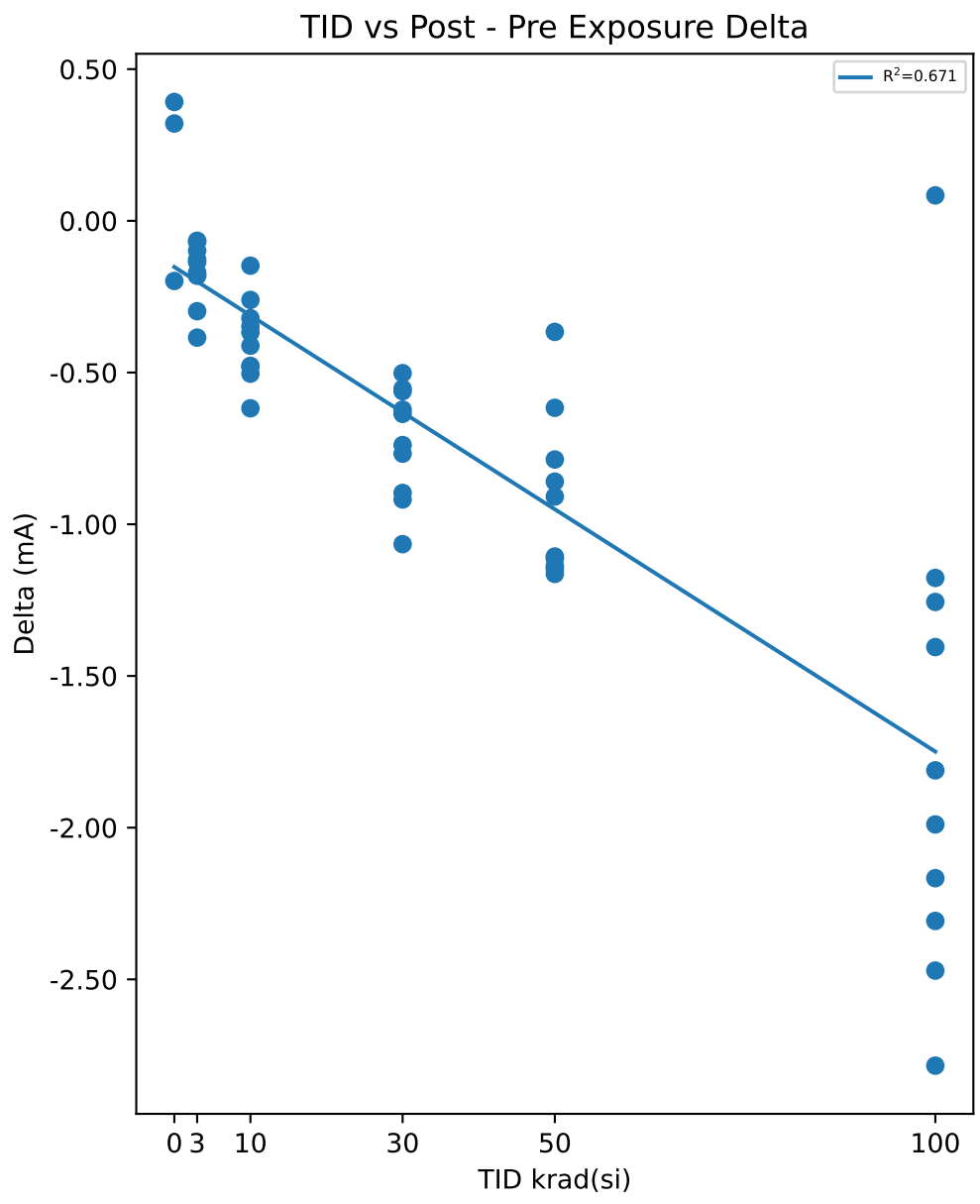
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.996	4.9954	-0.0006
2	3	HDR BIAS	4.9894	4.9896	0.0002
3	3	HDR BIAS	4.9988	4.9978	-0.001
4	3	HDR BIAS	5.003	5.0028	-0.0002
5	3	HDR BIAS	5.0034	5.0032	-0.0002
6	3	HDR UNBIAS	5.0039	5.0016	-0.0023
7	3	HDR UNBIAS	4.9937	4.9925	-0.0012
8	3	HDR UNBIAS	5.0108	5.0124	0.0016
9	3	HDR UNBIAS	4.9972	4.9984	0.0012
10	3	HDR UNBIAS	4.9918	4.9903	-0.0015
11	10	HDR BIAS	5.0116	5.0131	0.0015
12	10	HDR BIAS	5.0007	4.9999	-0.0008
13	10	HDR BIAS	5.0094	5.0099	0.0005
14	10	HDR BIAS	4.9964	4.9975	0.0011
15	10	HDR BIAS	4.9847	4.9855	0.0008
16	10	HDR UNBIAS	4.9981	4.9968	-0.0013
17	10	HDR UNBIAS	5.0045	5.0049	0.0004
18	10	HDR UNBIAS	5.0025	5.0048	0.0023
19	10	HDR UNBIAS	4.9981	4.9956	-0.0025
20	10	HDR UNBIAS	5.0101	5.0101	0
31	30	HDR BIAS	5.0079	5.0069	-0.001
32	30	HDR BIAS	5.0089	5.0086	-0.0003
33	30	HDR BIAS	4.9807	4.9772	-0.0035
34	30	HDR BIAS	4.9994	4.9994	0
35	30	HDR BIAS	4.9885	4.9929	0.0044
36	30	HDR UNBIAS	4.9915	4.9923	0.0008
37	30	HDR UNBIAS	5.0183	5.0169	-0.0014
38	30	HDR UNBIAS	5.0018	5.0006	-0.0012
39	30	HDR UNBIAS	4.9991	5.0004	0.0013
40	30	HDR UNBIAS	5.0006	4.9998	-0.0008
41	50	HDR BIAS	5.0012	4.9952	-0.006
42	50	HDR BIAS	4.9969	4.9961	-0.0008
43	50	HDR BIAS	5.0025	5.0011	-0.0014
44	50	HDR BIAS	4.9992	5.0005	0.0013
45	50	HDR BIAS	4.9932	4.9915	-0.0017
46	50	HDR UNBIAS	5.0026	5.0062	0.0036
47	50	HDR UNBIAS	5.0034	5.0024	-0.001
48	50	HDR UNBIAS	4.9969	4.9942	-0.0027
49	50	HDR UNBIAS	5.0101	5.0008	-0.0093
50	50	HDR UNBIAS	5.0051	5.0068	0.0017
51	100	HDR BIAS	5.0232	5.026	0.0028
52	100	HDR BIAS	4.9946	4.9912	-0.0034
53	100	HDR BIAS	4.9979	4.974	-0.0239
54	100	HDR BIAS	4.9904	4.9808	-0.0096
55	100	HDR BIAS	5.0034	5.0178	0.0144
56	100	HDR UNBIAS	4.9839	4.9911	0.0072
57	100	HDR UNBIAS	4.983	4.987	0.004
58	100	HDR UNBIAS	4.983	4.9778	-0.0052
59	100	HDR UNBIAS	5.0082	5.0197	0.0115
60	100	HDR UNBIAS	5.0103	5.0215	0.0112
71	0	CORRELATION	4.9976	4.9952	-0.0024
72	0	CORRELATION	5.0018	5.0059	0.0041
73	0	CORRELATION	5.0028	5.0005	-0.0023

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	4.9976	5.0007	5.0028	0.0027592	4.9952	5.0005	5.0059	0.0053501	-0.0024	-0.0002	0.0041	0.0037242
3	4.9894	4.9988	5.0108	0.0065199	4.9896	4.9984	5.0124	0.0069591	-0.0023	-0.0004	0.0016	0.0011954
10	4.9847	5.0016	5.0116	0.0080296	4.9855	5.0018	5.0131	0.0083801	-0.0025	0.0002	0.0023	0.0014134
30	4.9807	4.9997	5.0183	0.010838	4.9772	4.9995	5.0169	0.010725	-0.0035	-0.00017	0.0044	0.0020758
50	4.9932	5.0011	5.0101	0.0048052	4.9915	4.9995	5.0068	0.0050988	-0.0093	-0.00163	0.0036	0.00376
100	4.983	4.9978	5.0232	0.013488	4.974	4.9987	5.026	0.020246	-0.0239	0.0009	0.0144	0.011712

Device Test: 15.9 VLDO|ILIM_VLDO/VLDO/5.5/5.5/0/0/5/500kHz//@V_LDO_ILIM_5_PLUS_0P5





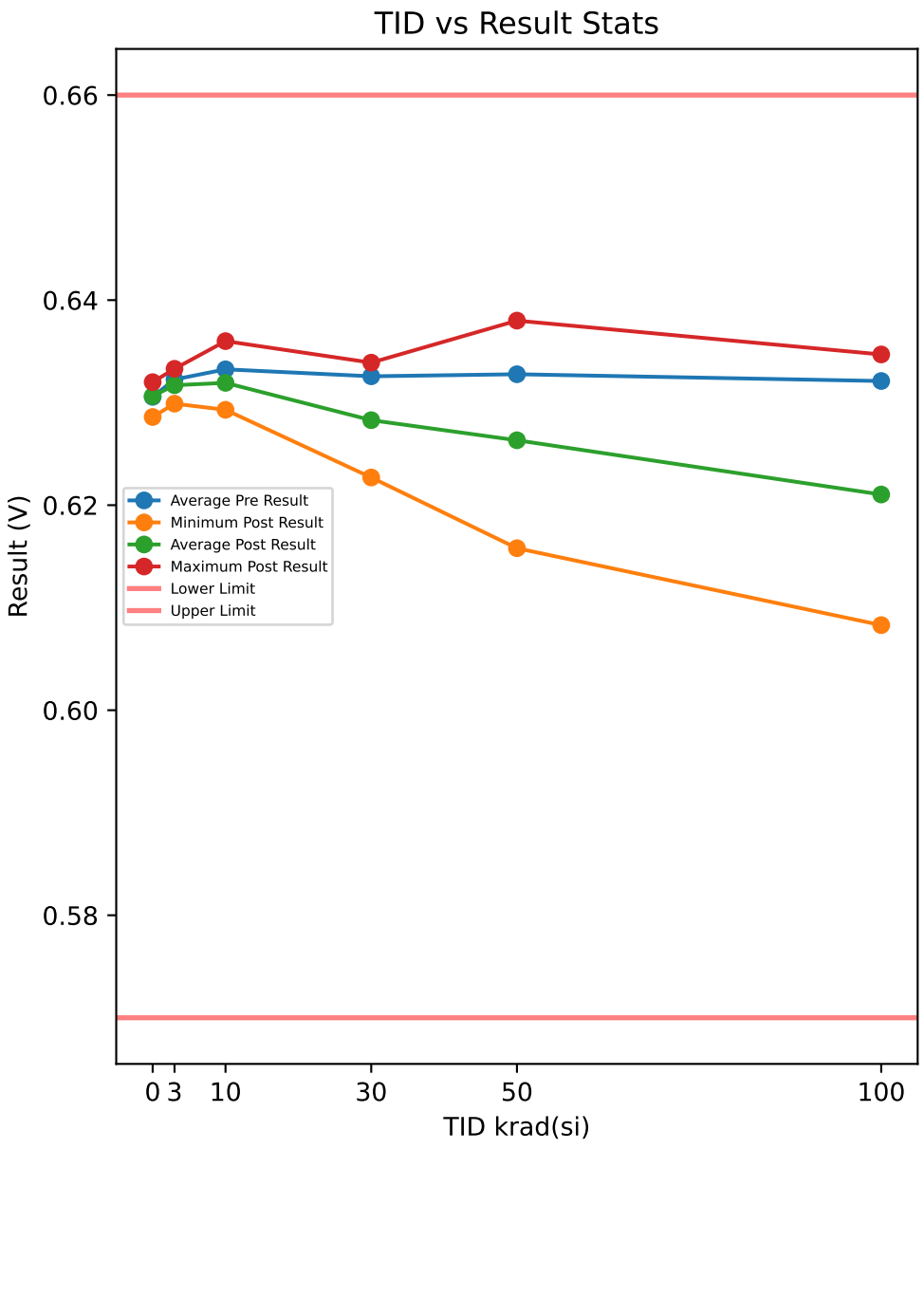
Test Results (Lower Limit = 25.0 (mA))

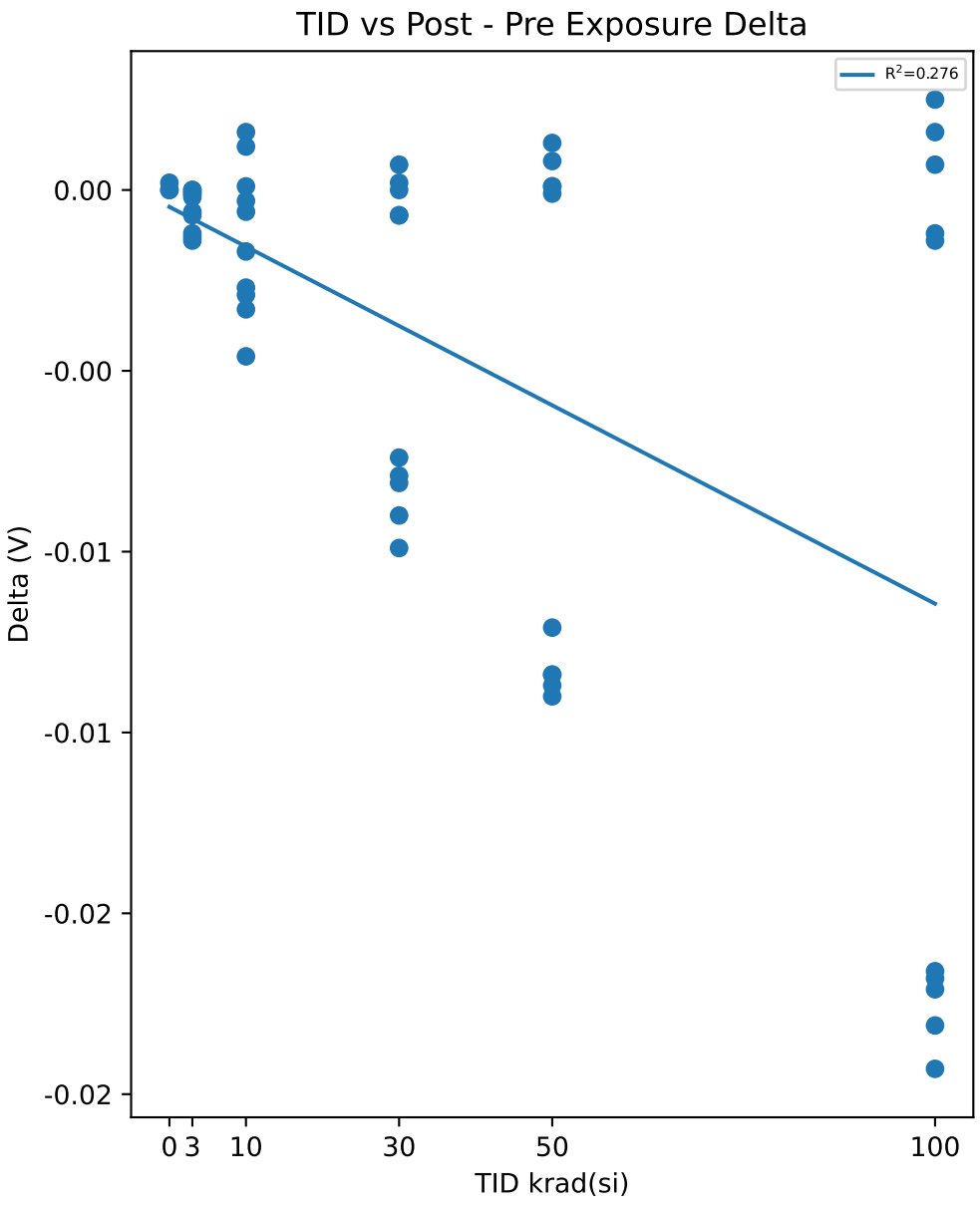
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	54.875	54.748	-0.1272
2	3	HDR BIAS	55.379	55.208	-0.1701
3	3	HDR BIAS	54.806	54.625	-0.1802
4	3	HDR BIAS	53.406	53.27	-0.1359
5	3	HDR BIAS	54.199	54.019	-0.1805
6	3	HDR UNBIAS	53.725	53.627	-0.0983
7	3	HDR UNBIAS	54.558	54.489	-0.0686
8	3	HDR UNBIAS	52.643	52.345	-0.2978
9	3	HDR UNBIAS	54.38	53.995	-0.3849
10	3	HDR UNBIAS	53.813	53.748	-0.0656
11	10	HDR BIAS	52.529	52.025	-0.5037
12	10	HDR BIAS	53.264	52.853	-0.4115
13	10	HDR BIAS	52.934	52.566	-0.3678
14	10	HDR BIAS	53.818	53.34	-0.478
15	10	HDR BIAS	55.129	54.648	-0.4805
16	10	HDR UNBIAS	54.157	53.896	-0.2607
17	10	HDR UNBIAS	54.121	53.773	-0.3481
18	10	HDR UNBIAS	53.711	53.093	-0.6178
19	10	HDR UNBIAS	54.475	54.327	-0.1478
20	10	HDR UNBIAS	53.379	53.059	-0.3208
31	30	HDR BIAS	52.497	51.944	-0.5533
32	30	HDR BIAS	52.971	52.203	-0.7673
33	30	HDR BIAS	56.7	56.077	-0.6222
34	30	HDR BIAS	55.499	54.76	-0.739
35	30	HDR BIAS	54.62	53.554	-1.0656
36	30	HDR UNBIAS	54.077	53.18	-0.8967
37	30	HDR UNBIAS	52.38	51.818	-0.5614
38	30	HDR UNBIAS	53.299	52.663	-0.6361
39	30	HDR UNBIAS	54.099	53.181	-0.9183
40	30	HDR UNBIAS	53.927	53.425	-0.502
41	50	HDR BIAS	54.336	53.72	-0.6162
42	50	HDR BIAS	53.665	52.559	-1.1064
43	50	HDR BIAS	54.718	53.809	-0.9087
44	50	HDR BIAS	54.245	53.098	-1.1471
45	50	HDR BIAS	54.571	53.433	-1.1378
46	50	HDR UNBIAS	52.787	51.673	-1.1137
47	50	HDR UNBIAS	54.036	53.25	-0.7866
48	50	HDR UNBIAS	54.192	53.332	-0.8595
49	50	HDR UNBIAS	53.506	53.14	-0.366
50	50	HDR UNBIAS	54.219	53.055	-1.1636
51	100	HDR BIAS	53.485	51.319	-2.1665
52	100	HDR BIAS	55.034	53.629	-1.4048
53	100	HDR BIAS	53.406	53.49	0.0839
54	100	HDR BIAS	54.52	53.344	-1.1769
55	100	HDR BIAS	53.152	50.367	-2.7844
56	100	HDR UNBIAS	54.738	52.749	-1.9893
57	100	HDR UNBIAS	55.594	53.783	-1.8111
58	100	HDR UNBIAS	54.996	53.74	-1.2561
59	100	HDR UNBIAS	54.062	51.755	-2.3074
60	100	HDR UNBIAS	53.508	51.036	-2.4711
71	0	CORRELATION	55.07	55.462	0.3918
72	0	CORRELATION	54.653	54.455	-0.1982
73	0	CORRELATION	53.789	54.11	0.3208

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	53.789	54.504	55.07	0.65336	54.11	54.675	55.462	0.70251	-0.1982	0.17147	0.3918	0.3221
3	52.643	54.178	55.379	0.80248	52.345	54.007	55.208	0.82482	-0.3849	-0.17091	-0.0656	0.10113
10	52.529	53.752	55.129	0.76495	52.025	53.358	54.648	0.80862	-0.6178	-0.39367	-0.1478	0.13478
30	52.38	54.007	56.7	1.3488	51.818	53.281	56.077	1.3163	-1.0656	-0.72619	-0.502	0.18537
50	52.787	54.028	54.718	0.56966	51.673	53.107	53.809	0.6152	-1.1636	-0.92056	-0.366	0.26903
100	53.152	54.25	55.594	0.84201	50.367	52.521	53.783	1.2846	-2.7844	-1.7284	0.0839	0.829

Device Test: 16.1 LEVEL|EN_RISE/EN/4.5/4.5/0/0/4.5/500kHz//@V_EN_RISE





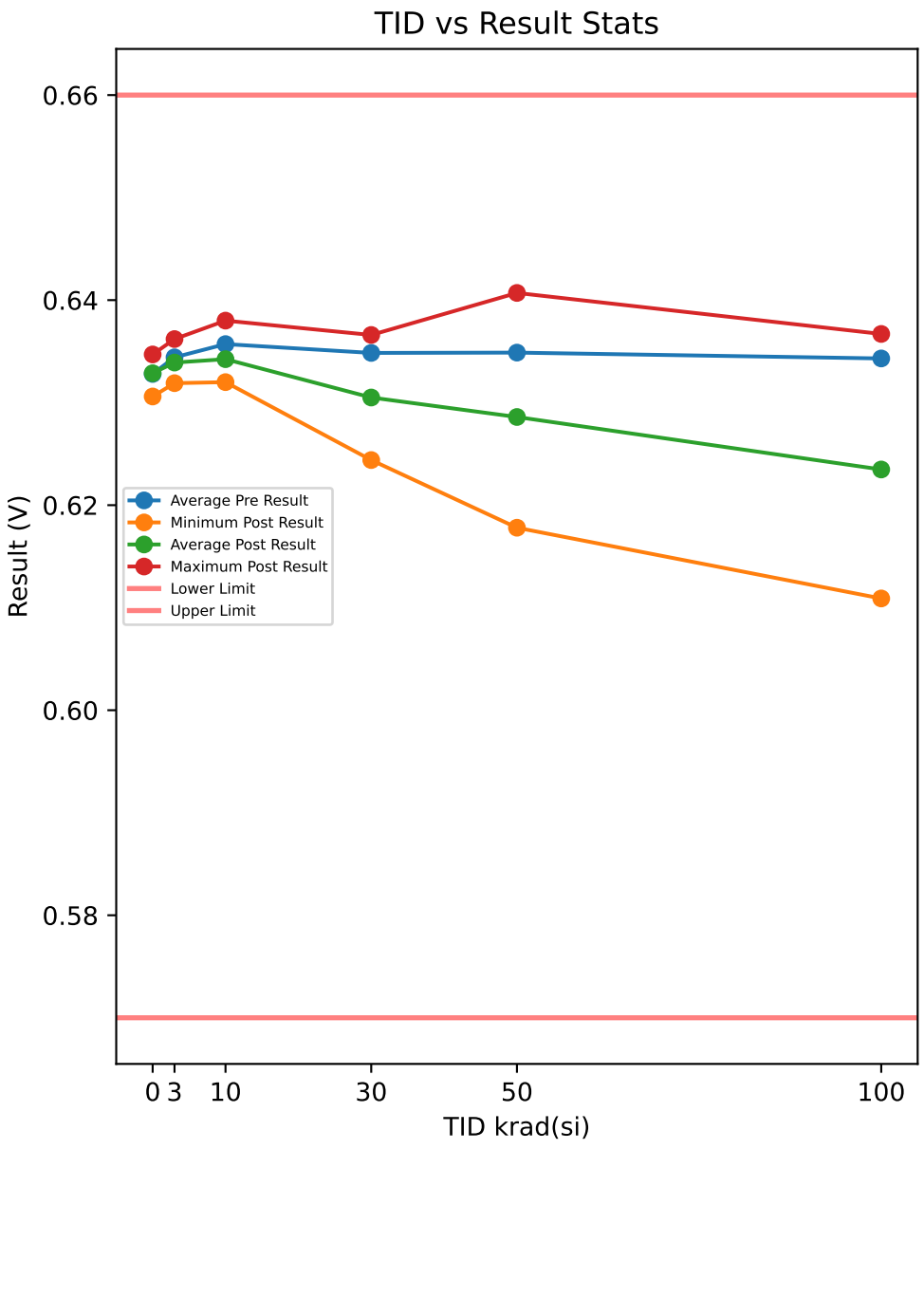
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

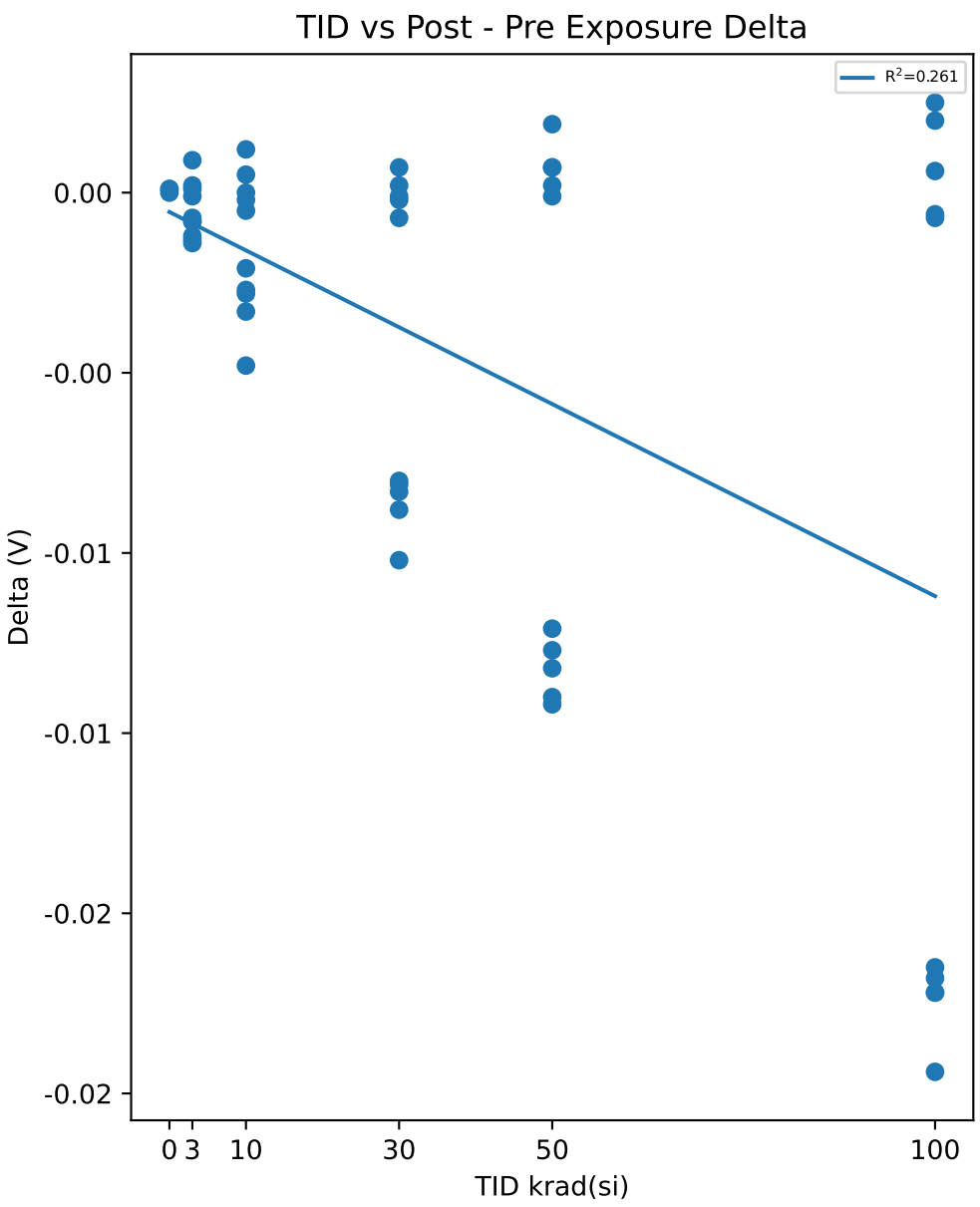
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6327	0.6326	-0.0001
2	3	HDR BIAS	0.6326	0.6314	-0.0012
3	3	HDR BIAS	0.632	0.6313	-0.0007
4	3	HDR BIAS	0.6305	0.6299	-0.0006
5	3	HDR BIAS	0.6326	0.6313	-0.0013
6	3	HDR UNBIAS	0.6335	0.6321	-0.0014
7	3	HDR UNBIAS	0.6327	0.6325	-0.0002
8	3	HDR UNBIAS	0.6333	0.6333	0
9	3	HDR UNBIAS	0.6307	0.6307	0
10	3	HDR UNBIAS	0.632	0.6319	-0.0001
11	10	HDR BIAS	0.636	0.6314	-0.0046
12	10	HDR BIAS	0.6318	0.6301	-0.0017
13	10	HDR BIAS	0.6333	0.6306	-0.0027
14	10	HDR BIAS	0.6326	0.6293	-0.0033
15	10	HDR BIAS	0.6362	0.6333	-0.0029
16	10	HDR UNBIAS	0.6318	0.6334	0.0016
17	10	HDR UNBIAS	0.6313	0.6314	0.0001
18	10	HDR UNBIAS	0.6321	0.6318	-0.0003
19	10	HDR UNBIAS	0.6348	0.636	0.0012
20	10	HDR UNBIAS	0.6326	0.632	-0.0006
31	30	HDR BIAS	0.6332	0.6251	-0.0081
32	30	HDR BIAS	0.6355	0.6265	-0.009
33	30	HDR BIAS	0.6301	0.6227	-0.0074
34	30	HDR BIAS	0.6332	0.6233	-0.0099
35	30	HDR BIAS	0.6313	0.6234	-0.0079
36	30	HDR UNBIAS	0.6346	0.6339	-0.0007
37	30	HDR UNBIAS	0.6333	0.6326	-0.0007
38	30	HDR UNBIAS	0.6313	0.6313	0
39	30	HDR UNBIAS	0.632	0.6327	0.0007
40	30	HDR UNBIAS	0.6312	0.6314	0.0002
41	50	HDR BIAS	0.6298	0.6158	-0.014
42	50	HDR BIAS	0.63	0.6163	-0.0137
43	50	HDR BIAS	0.6325	0.6191	-0.0134
44	50	HDR BIAS	0.6341	0.622	-0.0121
45	50	HDR BIAS	0.632	0.6186	-0.0134
46	50	HDR UNBIAS	0.6318	0.6326	0.0008
47	50	HDR UNBIAS	0.6355	0.6354	-0.0001
48	50	HDR UNBIAS	0.6346	0.6347	0.0001
49	50	HDR UNBIAS	0.6367	0.638	0.0013
50	50	HDR UNBIAS	0.6307	0.6308	0.0001
51	100	HDR BIAS	0.6328	0.6097	-0.0231
52	100	HDR BIAS	0.634	0.6124	-0.0216
53	100	HDR BIAS	0.6312	0.6091	-0.0221
54	100	HDR BIAS	0.632	0.6102	-0.0218
55	100	HDR BIAS	0.6326	0.6083	-0.0243
56	100	HDR UNBIAS	0.6326	0.6333	0.0007
57	100	HDR UNBIAS	0.6322	0.6347	0.0025
58	100	HDR UNBIAS	0.634	0.6326	-0.0014
59	100	HDR UNBIAS	0.6312	0.6328	0.0016
60	100	HDR UNBIAS	0.6285	0.6273	-0.0012
71	0	CORRELATION	0.6286	0.6286	0
72	0	CORRELATION	0.6318	0.632	0.0002
73	0	CORRELATION	0.6313	0.6313	0

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	0.6286	0.63057	0.6318	0.0017214	0.6286	0.63063	0.632	0.0017954	0	6.6667e-05	0.0002	0.00011547
3	0.6305	0.63226	0.6335	0.00099465	0.6299	0.6317	0.6333	0.00099219	-0.0014	-0.00056	0	0.00056411
10	0.6313	0.63325	0.6362	0.0017903	0.6293	0.63193	0.636	0.0019213	-0.0046	-0.00132	0.0016	0.002046
30	0.6301	0.63257	0.6355	0.0016853	0.6227	0.62829	0.6339	0.0044928	-0.0099	-0.00428	0.0007	0.0044736
50	0.6298	0.63277	0.6367	0.0023665	0.6158	0.62633	0.638	0.0087563	-0.014	-0.00644	0.0013	0.0072789
100	0.6285	0.63211	0.634	0.001592	0.6083	0.62104	0.6347	0.011896	-0.0243	-0.01107	0.0025	0.012209

Device Test: 16.10 LEVEL|EN_RISE/EN/14/14/0/0/5/500kHz//@V_EN_RISE





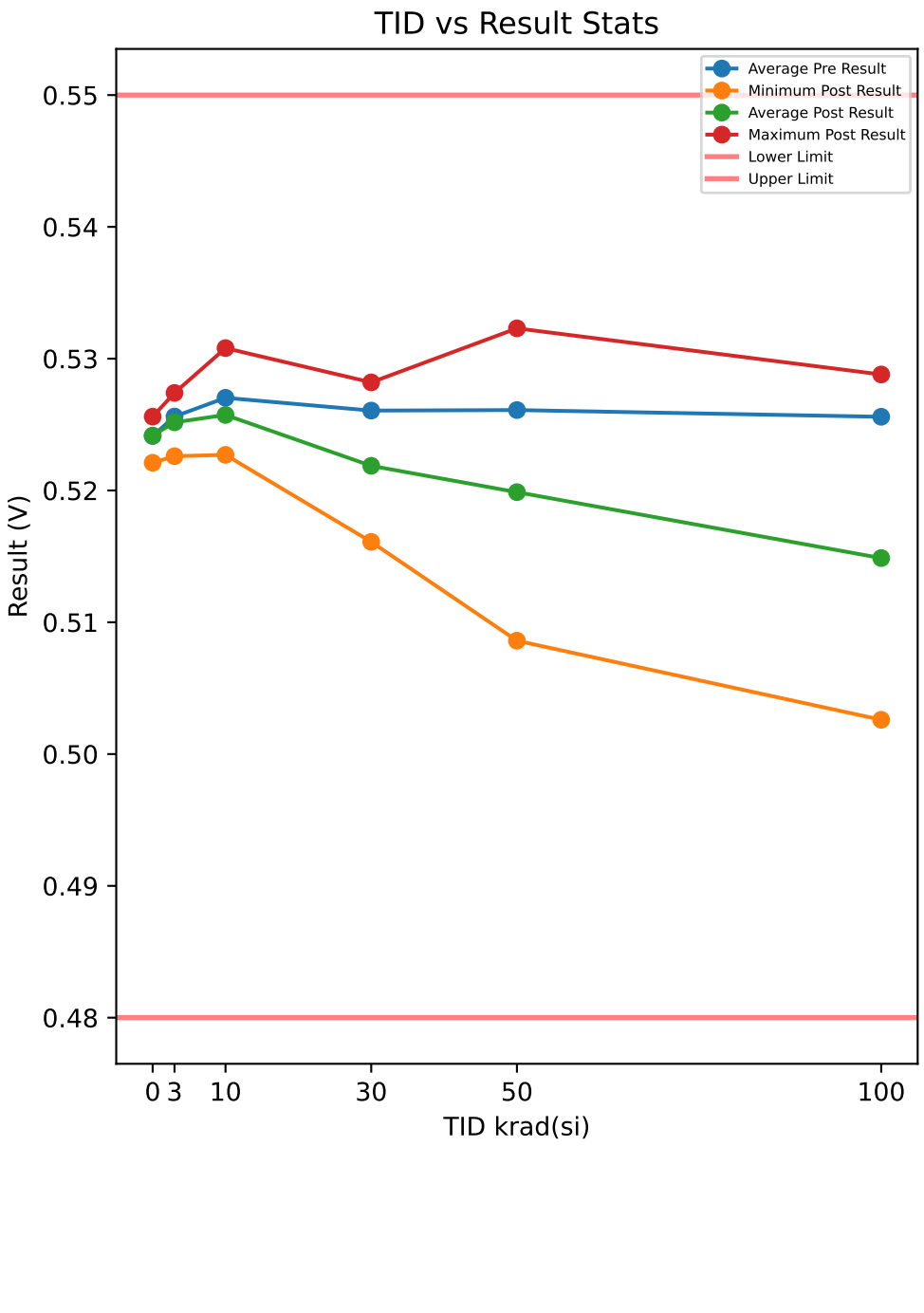
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

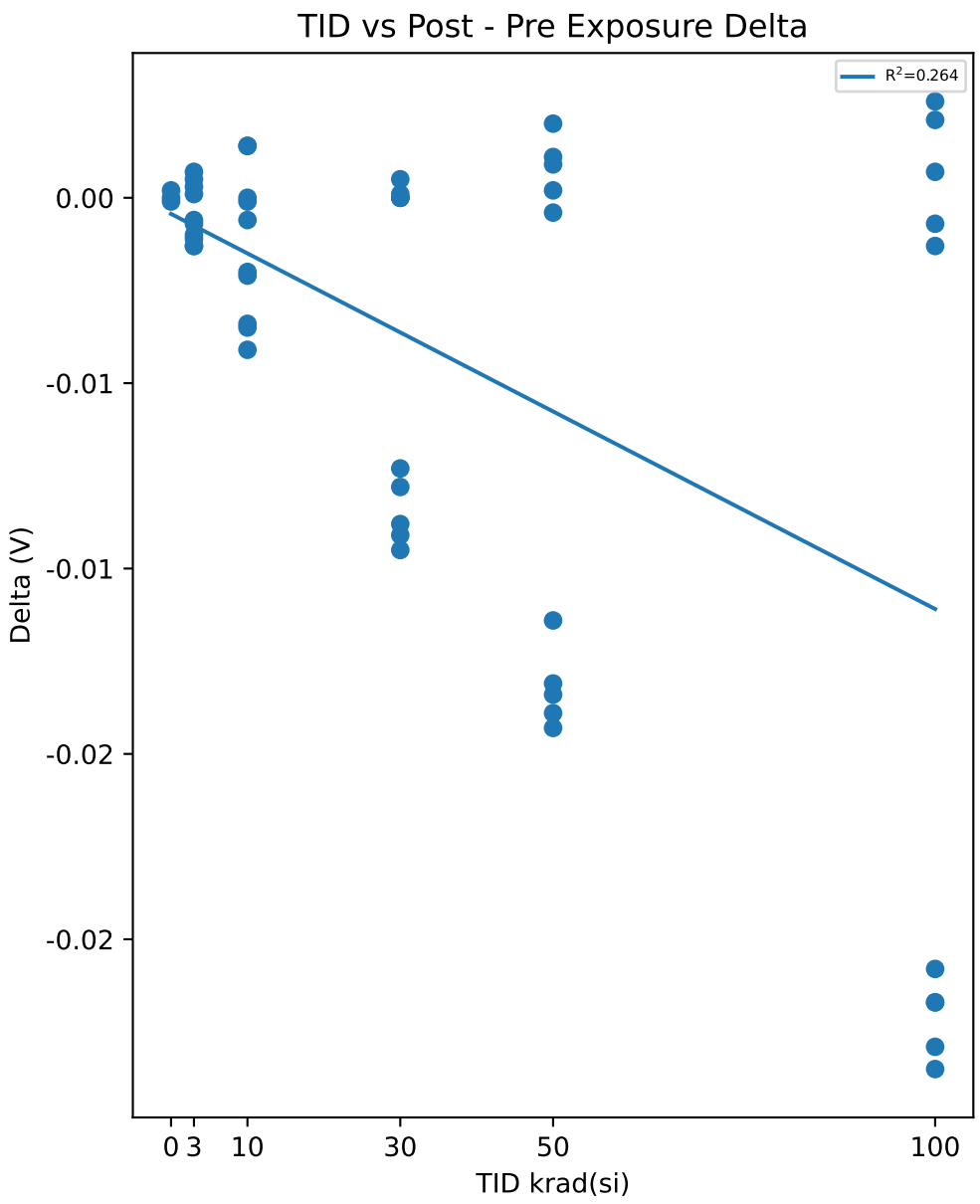
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6355	0.6348	-0.0007
2	3	HDR BIAS	0.6347	0.6335	-0.0012
3	3	HDR BIAS	0.6341	0.6333	-0.0008
4	3	HDR BIAS	0.6332	0.6319	-0.0013
5	3	HDR BIAS	0.6347	0.6333	-0.0014
6	3	HDR UNBIAS	0.6355	0.6347	-0.0008
7	3	HDR UNBIAS	0.6346	0.6348	0.0002
8	3	HDR UNBIAS	0.6353	0.6362	0.0009
9	3	HDR UNBIAS	0.6328	0.6327	-0.0001
10	3	HDR UNBIAS	0.6338	0.6339	0.0001
11	10	HDR BIAS	0.6388	0.634	-0.0048
12	10	HDR BIAS	0.6342	0.6321	-0.0021
13	10	HDR BIAS	0.6361	0.6334	-0.0027
14	10	HDR BIAS	0.6353	0.632	-0.0033
15	10	HDR BIAS	0.6381	0.6353	-0.0028
16	10	HDR UNBIAS	0.6341	0.6353	0.0012
17	10	HDR UNBIAS	0.6336	0.6334	-0.0002
18	10	HDR UNBIAS	0.6341	0.6341	0
19	10	HDR UNBIAS	0.6375	0.638	0.0005
20	10	HDR UNBIAS	0.6353	0.6348	-0.0005
31	30	HDR BIAS	0.6353	0.6273	-0.008
32	30	HDR BIAS	0.6375	0.6287	-0.0088
33	30	HDR BIAS	0.6327	0.6244	-0.0083
34	30	HDR BIAS	0.6353	0.6251	-0.0102
35	30	HDR BIAS	0.6335	0.6254	-0.0081
36	30	HDR UNBIAS	0.6368	0.6366	-0.0002
37	30	HDR UNBIAS	0.6355	0.6354	-0.0001
38	30	HDR UNBIAS	0.634	0.6333	-0.0007
39	30	HDR UNBIAS	0.6347	0.6354	0.0007
40	30	HDR UNBIAS	0.6332	0.6334	0.0002
41	50	HDR BIAS	0.632	0.6178	-0.0142
42	50	HDR BIAS	0.6318	0.6191	-0.0127
43	50	HDR BIAS	0.6353	0.6213	-0.014
44	50	HDR BIAS	0.6361	0.624	-0.0121
45	50	HDR BIAS	0.6335	0.6203	-0.0132
46	50	HDR UNBIAS	0.6346	0.6348	0.0002
47	50	HDR UNBIAS	0.6373	0.638	0.0007
48	50	HDR UNBIAS	0.6368	0.6367	-0.0001
49	50	HDR UNBIAS	0.6388	0.6407	0.0019
50	50	HDR UNBIAS	0.6326	0.6333	0.0007
51	100	HDR BIAS	0.6346	0.6124	-0.0222
52	100	HDR BIAS	0.636	0.6145	-0.0215
53	100	HDR BIAS	0.634	0.6118	-0.0222
54	100	HDR BIAS	0.6341	0.6123	-0.0218
55	100	HDR BIAS	0.6353	0.6109	-0.0244
56	100	HDR UNBIAS	0.6347	0.6353	0.0006
57	100	HDR UNBIAS	0.6342	0.6367	0.0025
58	100	HDR UNBIAS	0.636	0.6353	-0.0007
59	100	HDR UNBIAS	0.6335	0.6355	0.002
60	100	HDR UNBIAS	0.6307	0.6301	-0.0006
71	0	CORRELATION	0.6305	0.6306	0.0001
72	0	CORRELATION	0.6347	0.6347	0
73	0	CORRELATION	0.6332	0.6333	0.0001

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	0.6305	0.6328	0.6347	0.0021284	0.6306	0.63287	0.6347	0.0020841	0	6.6667e-05	0.0001	5.7735e-05
3	0.6328	0.63442	0.6355	0.00093666	0.6319	0.63391	0.6362	0.0012414	-0.0014	-0.00051	0.0009	0.00075491
10	0.6336	0.63571	0.6388	0.001852	0.632	0.63424	0.638	0.001757	-0.0048	-0.00147	0.0012	0.0019391
30	0.6327	0.63485	0.6375	0.0015479	0.6244	0.6305	0.6366	0.0047998	-0.0102	-0.00435	0.0007	0.0046167
50	0.6318	0.63488	0.6388	0.002393	0.6178	0.6286	0.6407	0.0088891	-0.0142	-0.00628	0.0019	0.0073774
100	0.6307	0.63431	0.636	0.0015191	0.6109	0.62348	0.6367	0.011858	-0.0244	-0.01083	0.0025	0.01228

Device Test: 16.11 LEVEL|EN_FALL/EN/14/14/0/0/5/500kHz//@V_EN_FALL





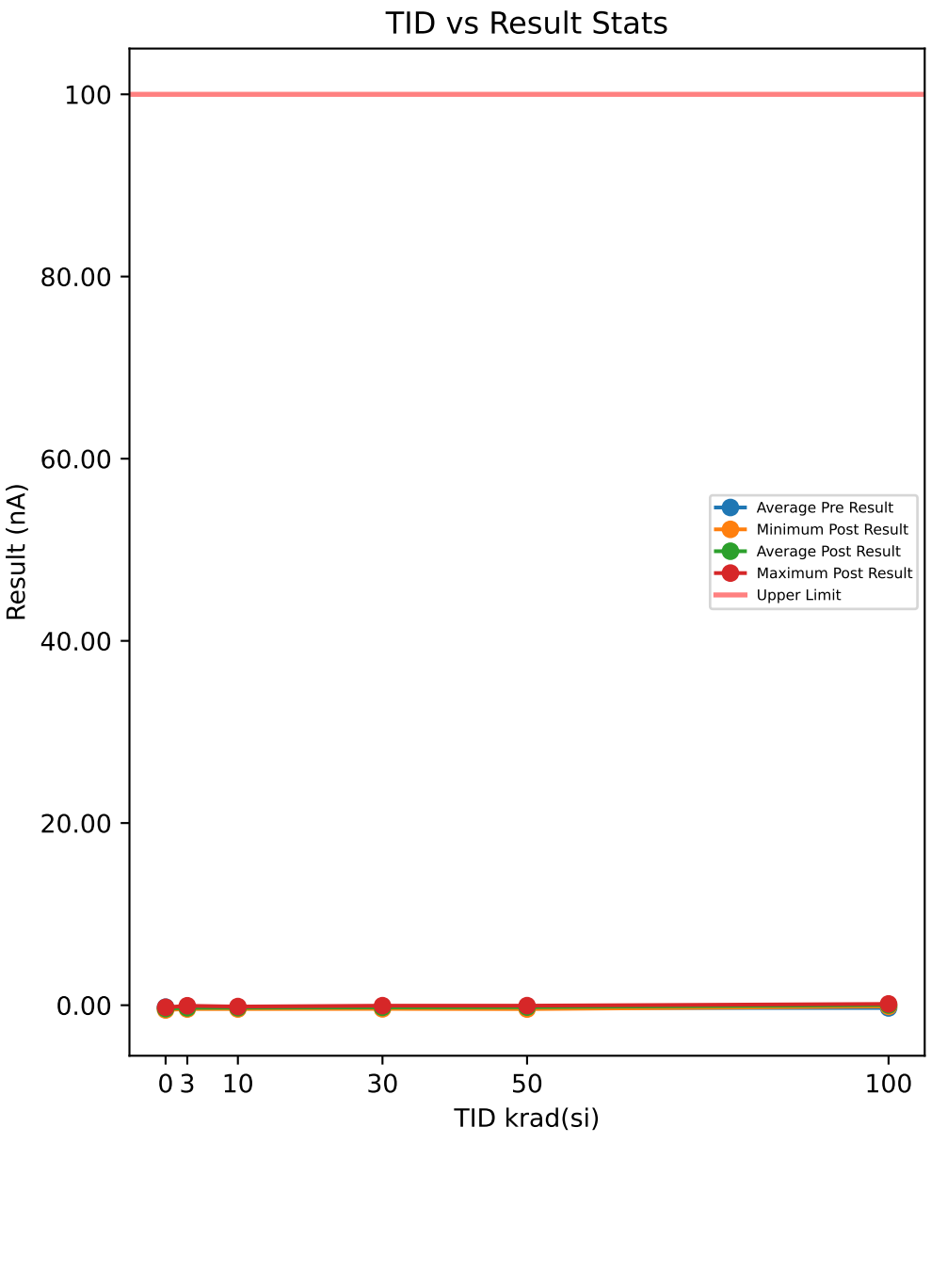
Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

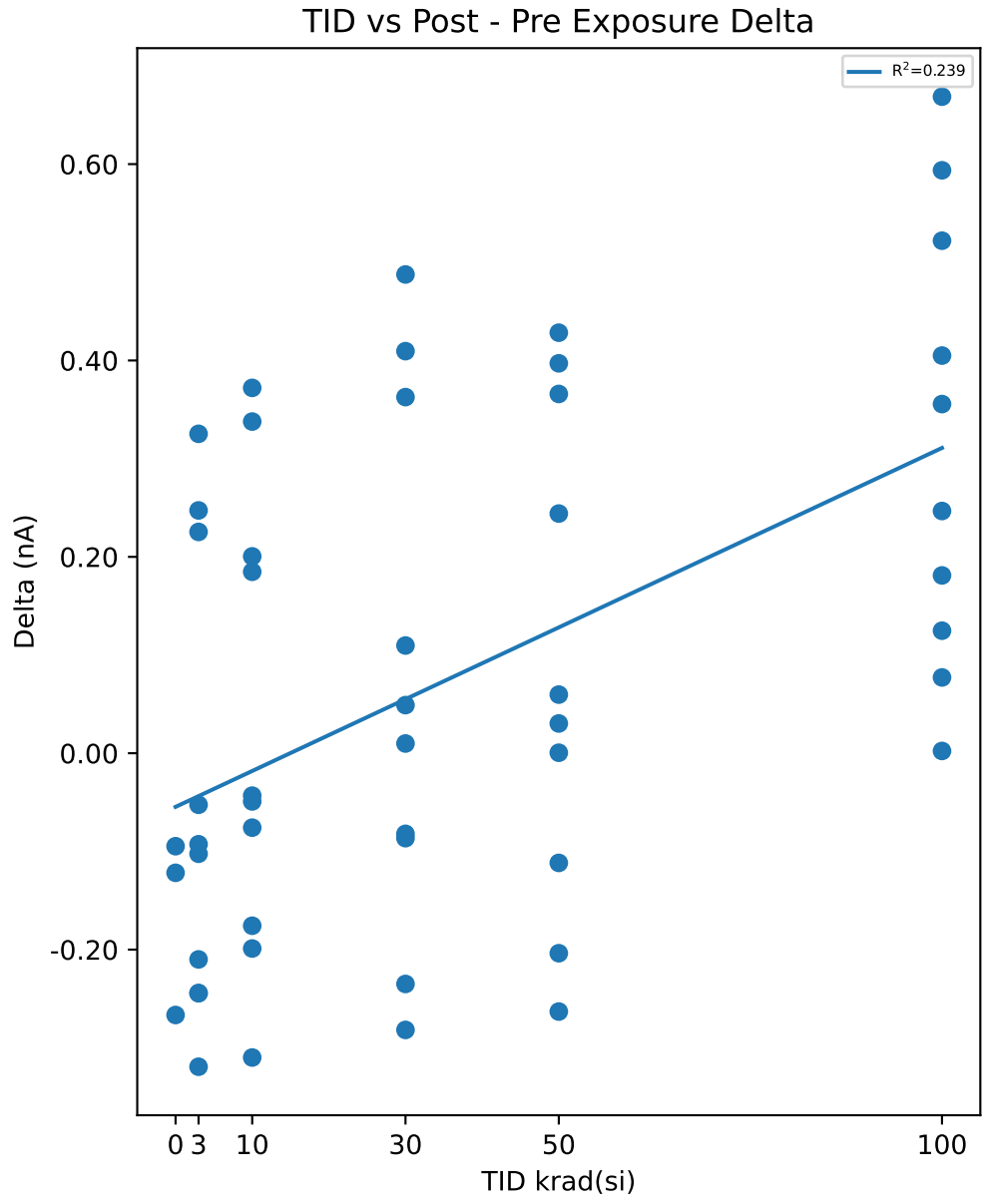
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.526	0.5261	0.0001
2	3	HDR BIAS	0.5254	0.5241	-0.0013
3	3	HDR BIAS	0.5251	0.524	-0.0011
4	3	HDR BIAS	0.5248	0.5242	-0.0006
5	3	HDR BIAS	0.5262	0.5249	-0.0013
6	3	HDR UNBIAS	0.5262	0.5255	-0.0007
7	3	HDR UNBIAS	0.5261	0.5268	0.0007
8	3	HDR UNBIAS	0.5269	0.5274	0.0005
9	3	HDR UNBIAS	0.5236	0.5226	-0.001
10	3	HDR UNBIAS	0.5258	0.5261	0.0003
11	10	HDR BIAS	0.5303	0.5262	-0.0041
12	10	HDR BIAS	0.5248	0.5227	-0.0021
13	10	HDR BIAS	0.5274	0.5254	-0.002
14	10	HDR BIAS	0.5262	0.5228	-0.0034
15	10	HDR BIAS	0.529	0.5255	-0.0035
16	10	HDR UNBIAS	0.5254	0.5268	0.0014
17	10	HDR UNBIAS	0.5248	0.5247	-0.0001
18	10	HDR UNBIAS	0.5262	0.5262	0
19	10	HDR UNBIAS	0.5294	0.5308	0.0014
20	10	HDR UNBIAS	0.5268	0.5262	-0.0006
31	30	HDR BIAS	0.5274	0.5183	-0.0091
32	30	HDR BIAS	0.5288	0.52	-0.0088
33	30	HDR BIAS	0.5234	0.5161	-0.0073
34	30	HDR BIAS	0.5261	0.5166	-0.0095
35	30	HDR BIAS	0.5248	0.517	-0.0078
36	30	HDR UNBIAS	0.5282	0.5282	0
37	30	HDR UNBIAS	0.5268	0.5268	0
38	30	HDR UNBIAS	0.524	0.5241	0.0001
39	30	HDR UNBIAS	0.5268	0.5268	0
40	30	HDR UNBIAS	0.5243	0.5248	0.0005
41	50	HDR BIAS	0.5229	0.5086	-0.0143
42	50	HDR BIAS	0.5232	0.5101	-0.0131
43	50	HDR BIAS	0.526	0.5126	-0.0134
44	50	HDR BIAS	0.5274	0.516	-0.0114
45	50	HDR BIAS	0.5251	0.5112	-0.0139
46	50	HDR UNBIAS	0.5254	0.5263	0.0009
47	50	HDR UNBIAS	0.5288	0.529	0.0002
48	50	HDR UNBIAS	0.5279	0.5275	-0.0004
49	50	HDR UNBIAS	0.5303	0.5323	0.002
50	50	HDR UNBIAS	0.524	0.5251	0.0011
51	100	HDR BIAS	0.5261	0.5032	-0.0229
52	100	HDR BIAS	0.5275	0.5067	-0.0208
53	100	HDR BIAS	0.5248	0.5031	-0.0217
54	100	HDR BIAS	0.5263	0.5046	-0.0217
55	100	HDR BIAS	0.5261	0.5026	-0.0235
56	100	HDR UNBIAS	0.526	0.5267	0.0007
57	100	HDR UNBIAS	0.5262	0.5288	0.0026
58	100	HDR UNBIAS	0.5268	0.5261	-0.0007
59	100	HDR UNBIAS	0.524	0.5261	0.0021
60	100	HDR UNBIAS	0.5221	0.5208	-0.0013
71	0	CORRELATION	0.5222	0.5221	-0.0001
72	0	CORRELATION	0.5254	0.5256	0.0002
73	0	CORRELATION	0.5248	0.5248	0

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	0.5222	0.52413	0.5254	0.001701	0.5221	0.52417	0.5256	0.0018339	-0.0001	3.3333e-05	0.0002	0.00015275
3	0.5236	0.52561	0.5269	0.00093029	0.5226	0.52517	0.5274	0.0014758	-0.0013	-0.00044	0.0007	0.00077057
10	0.5248	0.52703	0.5303	0.0019539	0.5227	0.52573	0.5308	0.0022731	-0.0041	-0.0013	0.0014	0.0020116
30	0.5234	0.52606	0.5288	0.0018554	0.5161	0.52187	0.5282	0.0047523	-0.0095	-0.00419	0.0005	0.0045866
50	0.5229	0.5261	0.5303	0.002459	0.5086	0.51987	0.5323	0.0090077	-0.0143	-0.00623	0.002	0.0074306
100	0.5221	0.52559	0.5275	0.0015638	0.5026	0.51487	0.5288	0.011637	-0.0235	-0.01072	0.0026	0.012091

Device Test: 16.15 LEAK|EN_LEAK/EN/14/14/0/0/5/500kHz//@I_EN_LEAK_1V





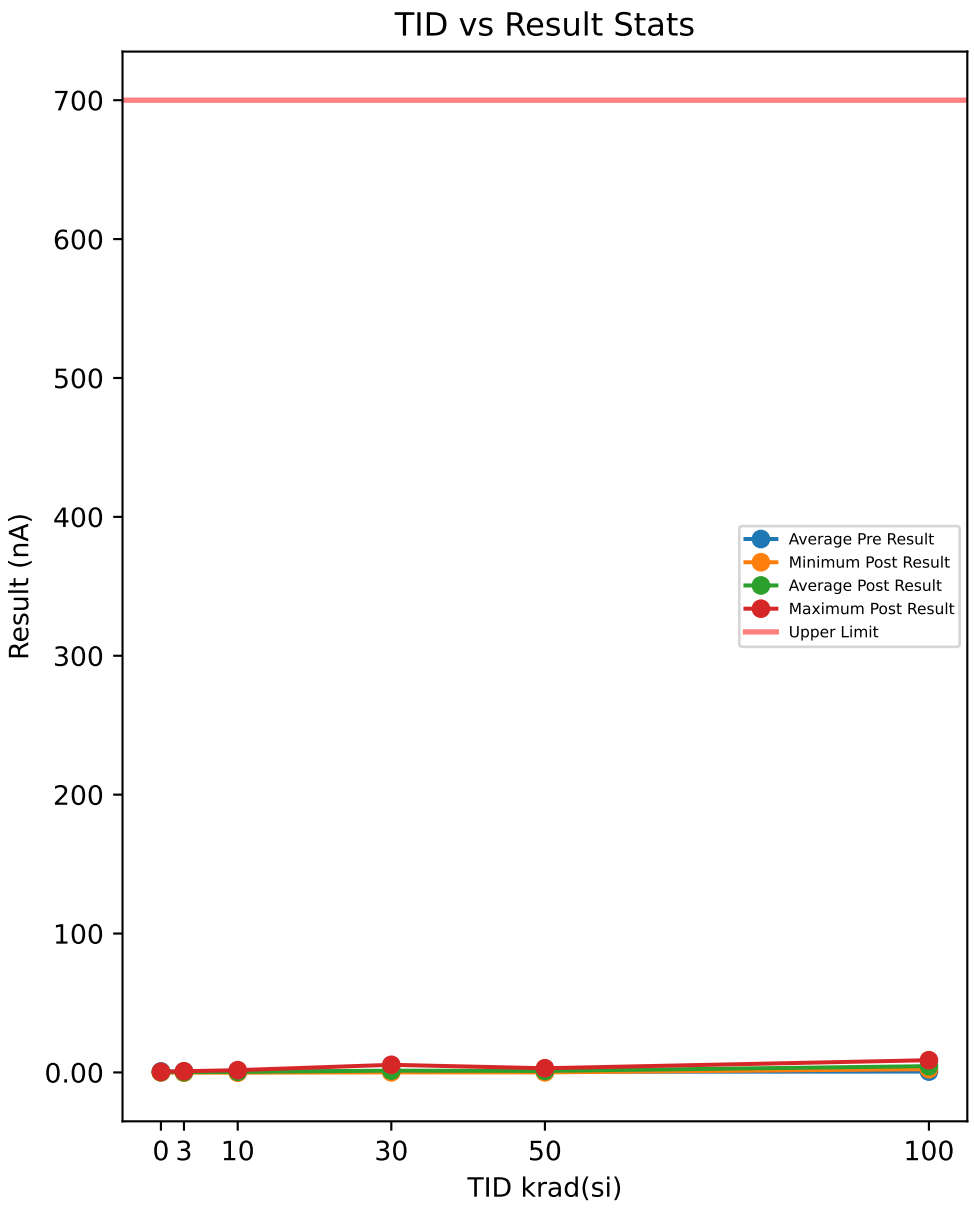
Test Results (Upper Limit = 100.0 (nA))

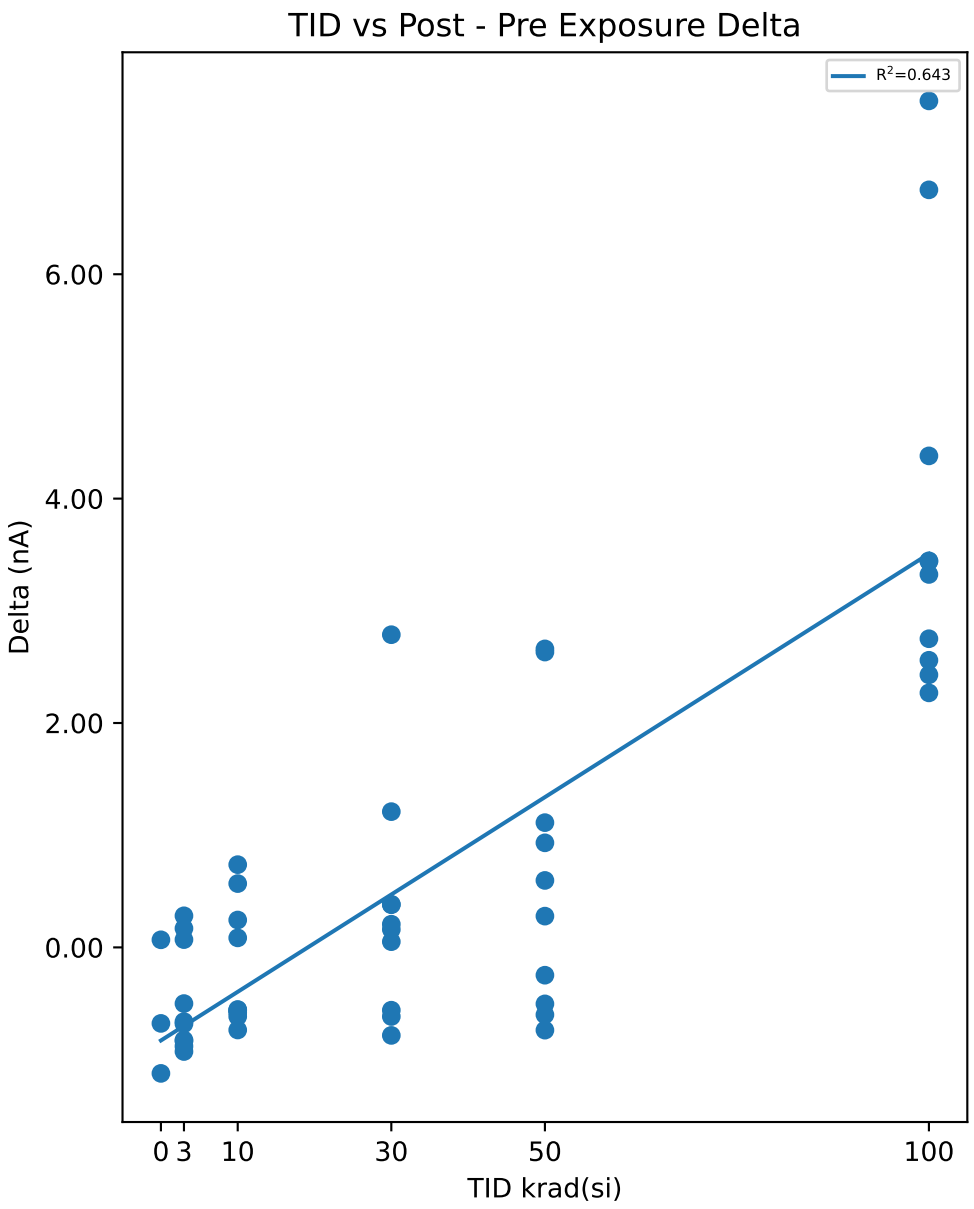
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	-0.2057	-0.4157	-0.21
2	3	HDR BIAS	-0.5489	-0.3235	0.2254
3	3	HDR BIAS	-0.2859	-0.3786	-0.0927
4	3	HDR BIAS	-0.0745	-0.3189	-0.2444
5	3	HDR BIAS	-0.4053	-0.158	0.2473
6	3	HDR UNBIAS	-0.1891	-0.2416	-0.0525
7	3	HDR UNBIAS	-0.0777	-0.322	-0.2443
8	3	HDR UNBIAS	-0.3865	-0.0612	0.3253
9	3	HDR UNBIAS	-0.1454	-0.2478	-0.1024
10	3	HDR UNBIAS	-0.0527	-0.372	-0.3193
11	10	HDR BIAS	-0.3491	-0.1486	0.2005
12	10	HDR BIAS	-0.1797	-0.3786	-0.1989
13	10	HDR BIAS	-0.1744	-0.3501	-0.1757
14	10	HDR BIAS	-0.399	-0.2142	0.1848
15	10	HDR BIAS	-0.1641	-0.2073	-0.0432
16	10	HDR UNBIAS	-0.0652	-0.3751	-0.3099
17	10	HDR UNBIAS	-0.5395	-0.1674	0.3721
18	10	HDR UNBIAS	-0.2765	-0.3256	-0.0491
19	10	HDR UNBIAS	-0.3399	-0.4157	-0.0758
20	10	HDR UNBIAS	-0.4989	-0.1611	0.3378
31	30	HDR BIAS	-0.0371	-0.2721	-0.235
32	30	HDR BIAS	-0.5395	-0.0519	0.4876
33	30	HDR BIAS	-0.2203	-0.2104	0.0099
34	30	HDR BIAS	0.0035	-0.2783	-0.2818
35	30	HDR BIAS	-0.5707	-0.208	0.3627
36	30	HDR UNBIAS	-0.2921	-0.3786	-0.0865
37	30	HDR UNBIAS	-0.2618	-0.2128	0.049
38	30	HDR UNBIAS	-0.5613	-0.1518	0.4095
39	30	HDR UNBIAS	-0.2765	-0.1668	0.1097
40	30	HDR UNBIAS	-0.318	-0.4001	-0.0821
41	50	HDR BIAS	-0.399	-0.1549	0.2441
42	50	HDR BIAS	-0.1641	-0.2758	-0.1117
43	50	HDR BIAS	-0.1588	-0.4219	-0.2631
44	50	HDR BIAS	-0.552	-0.1237	0.4283
45	50	HDR BIAS	-0.2203	-0.2198	0.0005
46	50	HDR UNBIAS	-0.3336	-0.3033	0.0303
47	50	HDR UNBIAS	-0.4458	-0.0487	0.3971
48	50	HDR UNBIAS	-0.2172	-0.1575	0.0597
49	50	HDR UNBIAS	-0.0777	-0.2814	-0.2037
50	50	HDR UNBIAS	-0.4802	-0.1143	0.3659
51	100	HDR BIAS	-0.2141	0.1415	0.3556
52	100	HDR BIAS	-0.1058	-0.1035	0.0023
53	100	HDR BIAS	-0.3865	0.1355	0.522
54	100	HDR BIAS	-0.0736	0.0512	0.1248
55	100	HDR BIAS	-0.3711	0.0339	0.405
56	100	HDR UNBIAS	-0.63	0.0387	0.6687
57	100	HDR UNBIAS	-0.264	-0.0173	0.2467
58	100	HDR UNBIAS	-0.2088	-0.1316	0.0772
59	100	HDR UNBIAS	-0.5332	0.0605	0.5937
60	100	HDR UNBIAS	-0.2016	-0.0205	0.1811
71	0	CORRELATION	-0.4271	-0.5218	-0.0947
72	0	CORRELATION	-0.1111	-0.2329	-0.1218
73	0	CORRELATION	-0.1089	-0.3755	-0.2666

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	-0.4271	-0.2157	-0.1089	0.18308	-0.5218	-0.37673	-0.2329	0.14445	-0.2666	-0.16103	-0.0947	0.092422
3	-0.5489	-0.23717	-0.0527	0.16592	-0.4157	-0.28393	-0.0612	0.10898	-0.3193	-0.04676	0.3253	0.23171
10	-0.5395	-0.29863	-0.0652	0.1546	-0.4157	-0.27437	-0.1486	0.10411	-0.3099	0.02426	0.3721	0.23512
30	-0.5707	-0.30738	0.0035	0.20231	-0.4001	-0.23308	-0.0519	0.10436	-0.2818	0.0743	0.4876	0.26774
50	-0.552	-0.30487	-0.0777	0.1595	-0.4219	-0.21013	-0.0487	0.11133	-0.2631	0.09474	0.4283	0.25222
100	-0.63	-0.29887	-0.0736	0.17995	-0.1316	0.01884	0.1415	0.08976	0.0023	0.31771	0.6687	0.22813

Device Test: 16.16 LEAK|EN_LEAK/EN/14/14/0/0/5/500kHz//@I_EN_LEAK





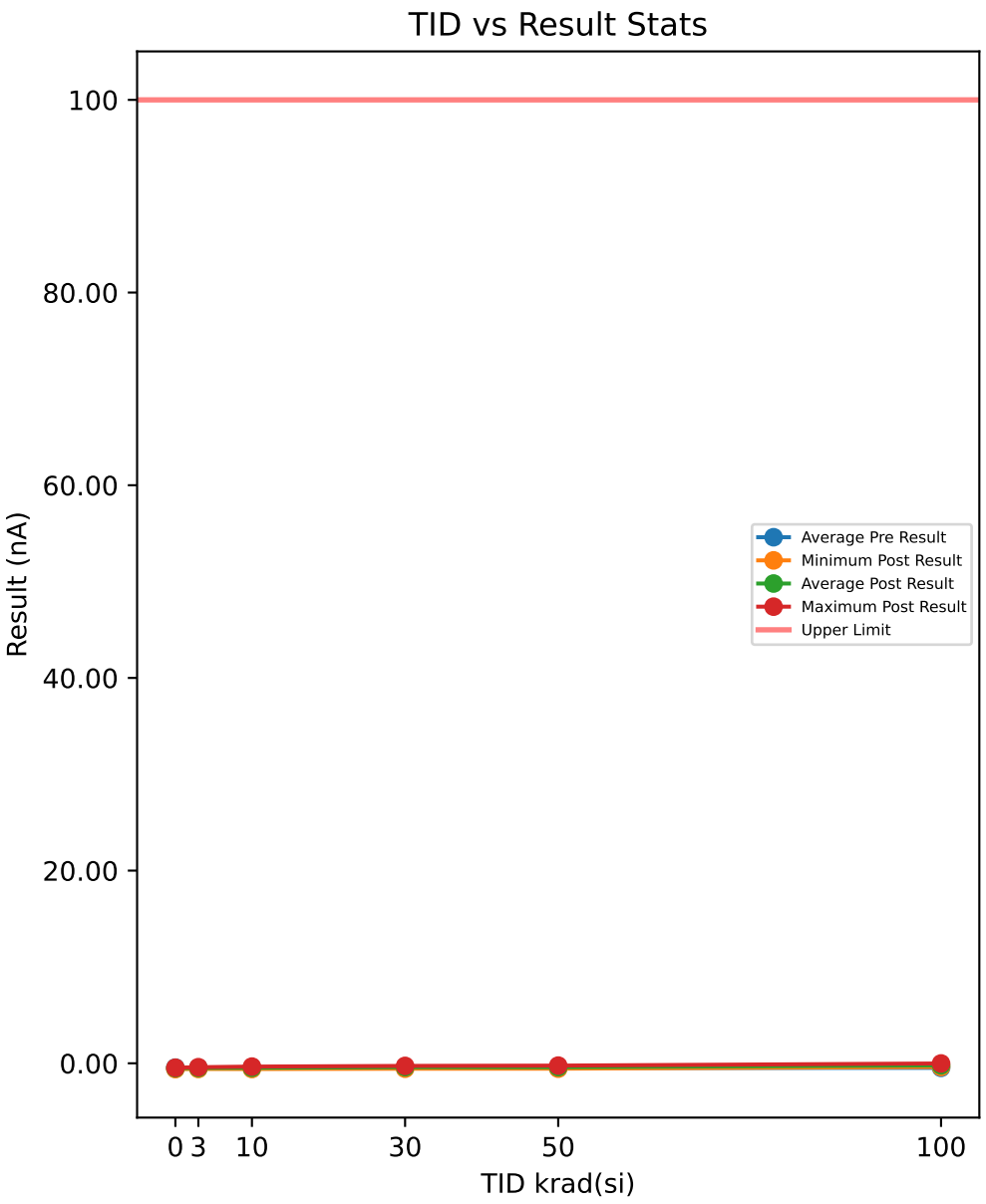
Test Results (Upper Limit = 700.0 (nA))

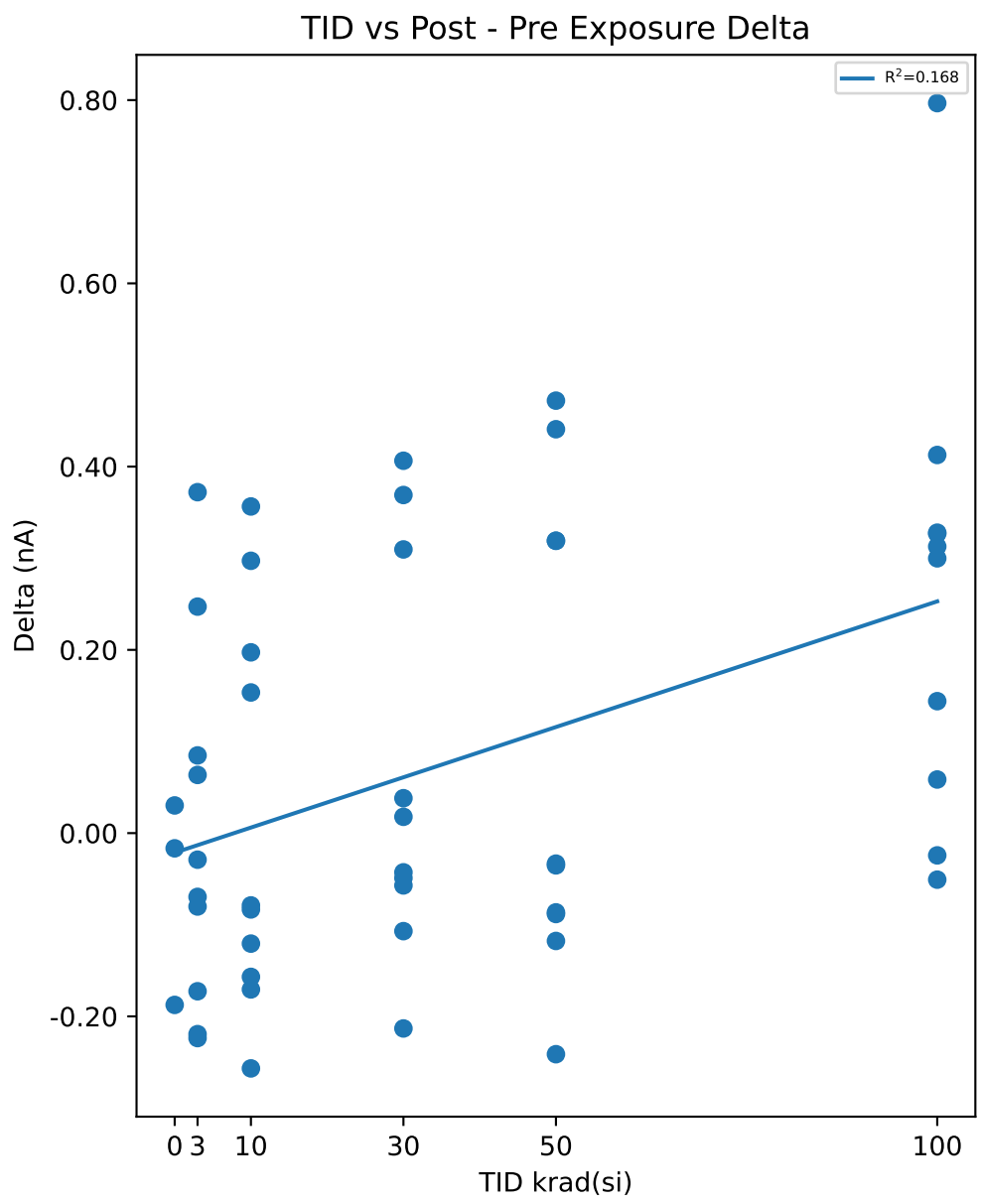
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.8932	0.0589	-0.8343
2	3	HDR BIAS	0.5719	0.8535	0.2816
3	3	HDR BIAS	1.0095	0.5089	-0.5006
4	3	HDR BIAS	0.7059	-0.1753	-0.8812
5	3	HDR BIAS	0.0537	0.2229	0.1692
6	3	HDR UNBIAS	0.5507	-0.1108	-0.6615
7	3	HDR UNBIAS	0.734	-0.091	-0.825
8	3	HDR UNBIAS	0.3221	0.3915	0.0694
9	3	HDR UNBIAS	0.8628	0.182	-0.6808
10	3	HDR UNBIAS	0.8526	-0.0754	-0.928
11	10	HDR BIAS	0.0131	0.098	0.0849
12	10	HDR BIAS	0.5475	-0.1886	-0.7361
13	10	HDR BIAS	0.8838	0.3024	-0.5814
14	10	HDR BIAS	0.2129	0.457	0.2441
15	10	HDR BIAS	0.9034	0.3377	-0.5657
16	10	HDR UNBIAS	0.9244	0.3086	-0.6158
17	10	HDR UNBIAS	0.9059	1.6434	0.7375
18	10	HDR UNBIAS	0.7067	0.1477	-0.559
19	10	HDR UNBIAS	0.9525	0.3991	-0.5534
20	10	HDR UNBIAS	0.4283	0.9971	0.5688
31	30	HDR BIAS	0.7715	0.1556	-0.6159
32	30	HDR BIAS	0.1723	0.3321	0.1598
33	30	HDR BIAS	1.8679	3.078	1.2101
34	30	HDR BIAS	2.6945	5.4816	2.7871
35	30	HDR BIAS	0.3908	0.5975	0.2067
36	30	HDR UNBIAS	0.9596	0.3999	-0.5597
37	30	HDR UNBIAS	1.1211	1.5012	0.3801
38	30	HDR UNBIAS	0.0318	0.4164	0.3846
39	30	HDR UNBIAS	0.8035	0.8546	0.0511
40	30	HDR UNBIAS	0.812	0.0276	-0.7844
41	50	HDR BIAS	-0.1274	0.9846	1.112
42	50	HDR BIAS	0.7941	0.5463	-0.2478
43	50	HDR BIAS	0.6122	0.1088	-0.5034
44	50	HDR BIAS	0.3502	3.0108	2.6606
45	50	HDR BIAS	0.9377	1.8698	0.9321
46	50	HDR UNBIAS	0.7434	0.1431	-0.6003
47	50	HDR UNBIAS	0.2535	2.8859	2.6324
48	50	HDR UNBIAS	0.7067	0.9854	0.2787
49	50	HDR UNBIAS	0.7777	0.0401	-0.7376
50	50	HDR UNBIAS	-0.1399	0.457	0.5969
51	100	HDR BIAS	0.9908	7.7429	6.7521
52	100	HDR BIAS	0.8651	3.4243	2.5592
53	100	HDR BIAS	0.0724	3.5134	3.441
54	100	HDR BIAS	0.7161	2.9846	2.2685
55	100	HDR BIAS	1.2678	8.8127	7.5449
56	100	HDR UNBIAS	-0.0743	2.3552	2.4295
57	100	HDR UNBIAS	0.7255	3.4766	2.7511
58	100	HDR UNBIAS	0.9119	4.236	3.3241
59	100	HDR UNBIAS	-0.0369	4.3439	4.3808
60	100	HDR UNBIAS	0.738	4.1835	3.4455
71	0	CORRELATION	-0.0494	0.0183	0.0677
72	0	CORRELATION	1.0876	0.4102	-0.6774
73	0	CORRELATION	1.1648	0.0418	-1.123

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	-0.0494	0.73433	1.1648	0.67983	0.0183	0.15677	0.4102	0.21979	-1.123	-0.57757	0.0677	0.6016
3	0.0537	0.65564	1.0095	0.29129	-0.1753	0.17652	0.8535	0.3287	-0.928	-0.47912	0.2816	0.46942
10	0.0131	0.64785	0.9525	0.33511	-0.1886	0.45024	1.6434	0.51679	-0.7361	-0.19761	0.7375	0.55192
30	0.0318	0.9625	2.6945	0.79907	0.0276	1.2845	5.4816	1.7267	-0.7844	0.32195	2.7871	1.0471
50	-0.1399	0.49082	0.9377	0.38805	0.0401	1.1032	3.0108	1.1156	-0.7376	0.61236	2.6606	1.248
100	-0.0743	0.61764	1.2678	0.46549	2.3552	4.5073	8.8127	2.0919	2.2685	3.8897	7.5449	1.8361

Device Test: 16.17 LEAK|EN_LEAK/EN/14/14/0/1000/5/500kHz//@I_EN_LEAK_1V





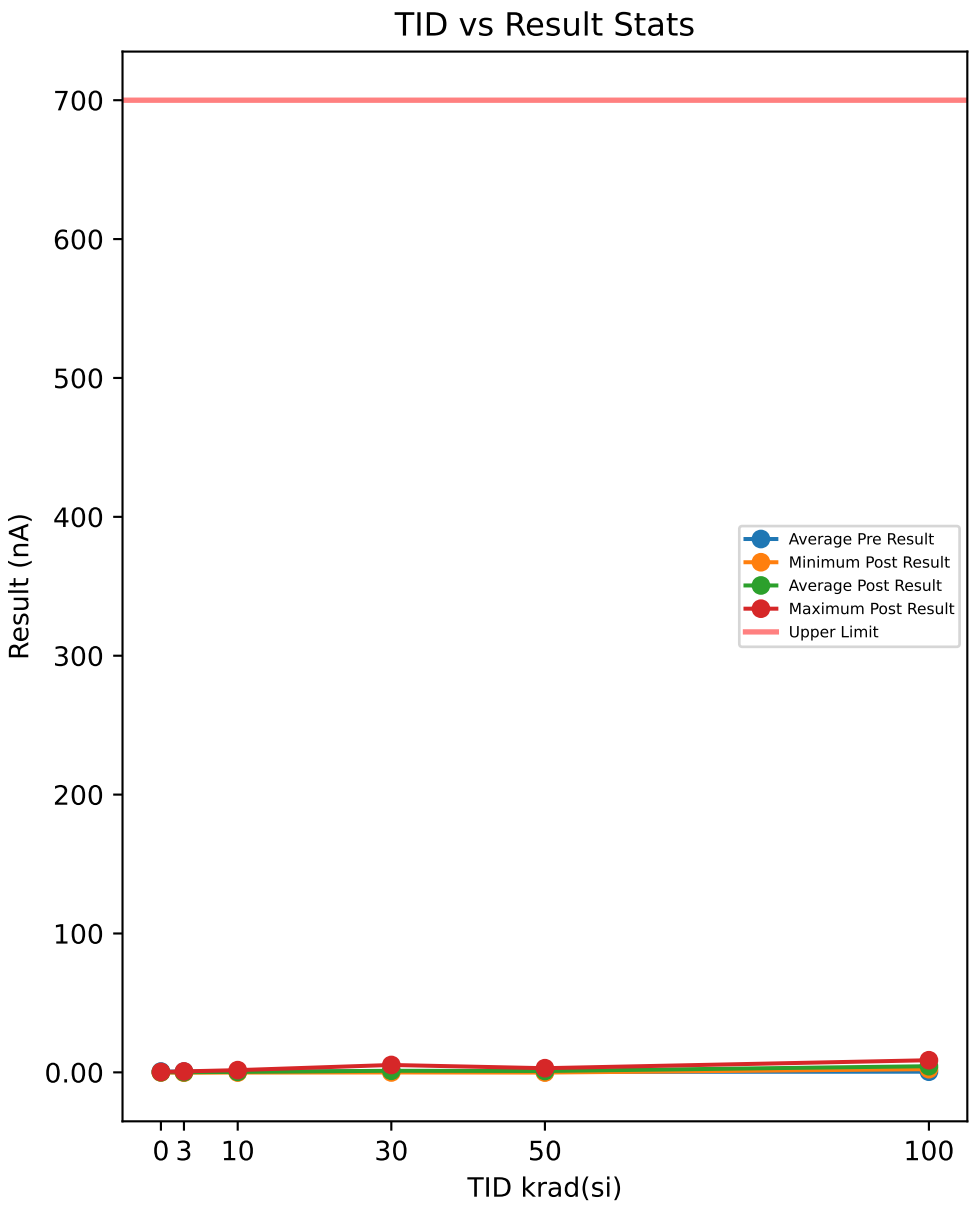
Test Results (Upper Limit = 100.0 (nA))

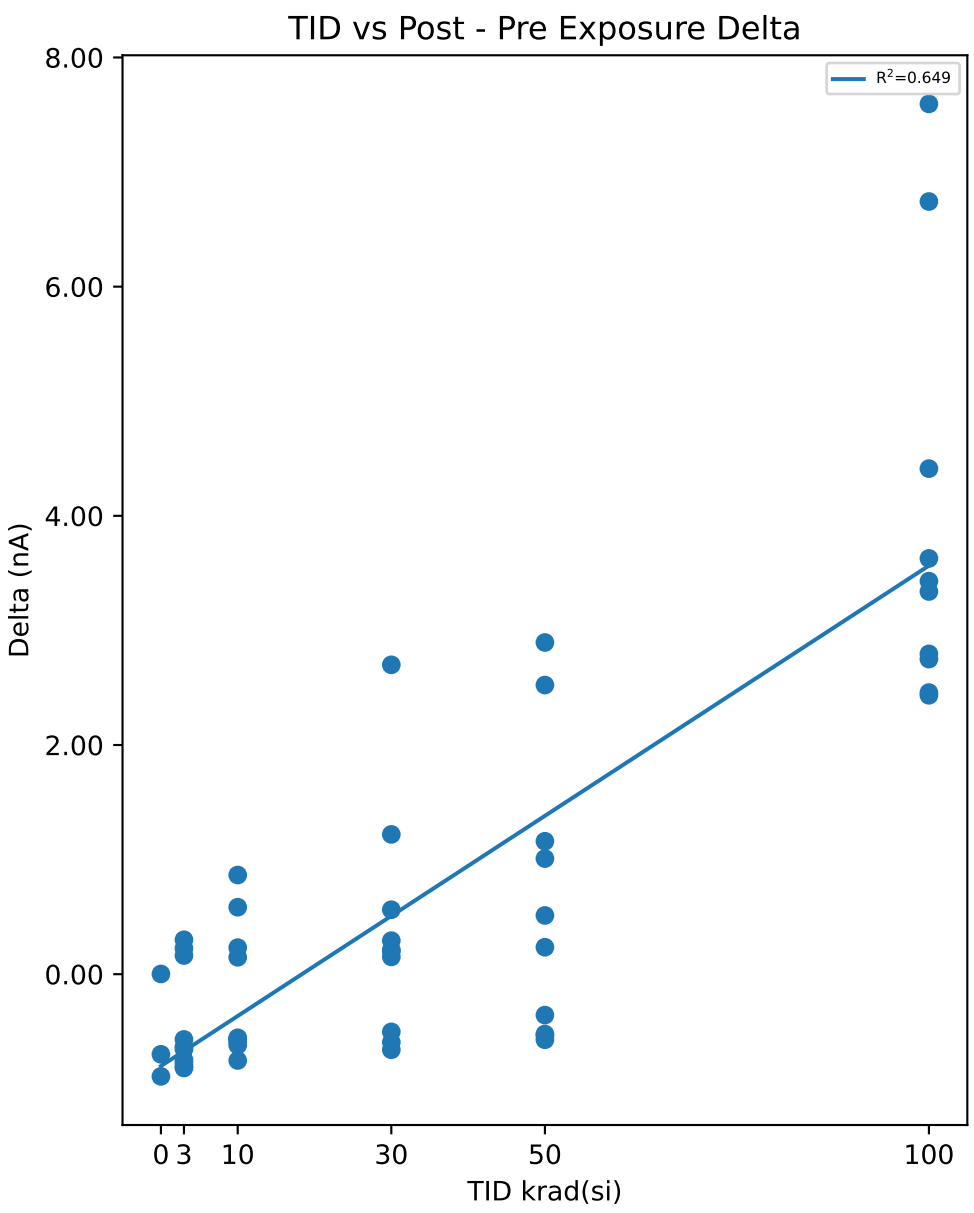
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	-0.4835	-0.5125	-0.029
2	3	HDR BIAS	-0.6831	-0.4359	0.2472
3	3	HDR BIAS	-0.3358	-0.4159	-0.0801
4	3	HDR BIAS	-0.5022	-0.5718	-0.0696
5	3	HDR BIAS	-0.7767	-0.4046	0.3721
6	3	HDR UNBIAS	-0.4888	-0.4253	0.0635
7	3	HDR UNBIAS	-0.3149	-0.5343	-0.2194
8	3	HDR UNBIAS	-0.5769	-0.4921	0.0848
9	3	HDR UNBIAS	-0.2203	-0.444	-0.2237
10	3	HDR UNBIAS	-0.4148	-0.5874	-0.1726
11	10	HDR BIAS	-0.6113	-0.414	0.1973
12	10	HDR BIAS	-0.3296	-0.4502	-0.1206
13	10	HDR BIAS	-0.3961	-0.553	-0.1569
14	10	HDR BIAS	-0.7455	-0.4483	0.2972
15	10	HDR BIAS	-0.3389	-0.4222	-0.0833
16	10	HDR UNBIAS	-0.5147	-0.5936	-0.0789
17	10	HDR UNBIAS	-0.6331	-0.4796	0.1535
18	10	HDR UNBIAS	-0.2921	-0.4627	-0.1706
19	10	HDR UNBIAS	-0.2931	-0.5499	-0.2568
20	10	HDR UNBIAS	-0.6987	-0.3422	0.3565
31	30	HDR BIAS	-0.5053	-0.5624	-0.0571
32	30	HDR BIAS	-0.6893	-0.3797	0.3096
33	30	HDR BIAS	-0.3077	-0.2696	0.0381
34	30	HDR BIAS	-0.2868	-0.3938	-0.107
35	30	HDR BIAS	-0.6893	-0.3203	0.369
36	30	HDR UNBIAS	-0.314	-0.363	-0.049
37	30	HDR UNBIAS	-0.4616	-0.4438	0.0178
38	30	HDR UNBIAS	-0.758	-0.3516	0.4064
39	30	HDR UNBIAS	-0.314	-0.3568	-0.0428
40	30	HDR UNBIAS	-0.3461	-0.5593	-0.2132
41	50	HDR BIAS	-0.7112	-0.2392	0.472
42	50	HDR BIAS	-0.2484	-0.3661	-0.1177
43	50	HDR BIAS	-0.4648	-0.5	-0.0352
44	50	HDR BIAS	-0.6612	-0.3422	0.319
45	50	HDR BIAS	-0.2765	-0.363	-0.0865
46	50	HDR UNBIAS	-0.4679	-0.5562	-0.0883
47	50	HDR UNBIAS	-0.68	-0.3609	0.3191
48	50	HDR UNBIAS	-0.3858	-0.4191	-0.0333
49	50	HDR UNBIAS	-0.2899	-0.5312	-0.2413
50	50	HDR UNBIAS	-0.7705	-0.3297	0.4408
51	100	HDR BIAS	-0.3764	-0.0485	0.3279
52	100	HDR BIAS	-0.3305	-0.3813	-0.0508
53	100	HDR BIAS	-0.6113	-0.2985	0.3128
54	100	HDR BIAS	-0.2266	-0.2509	-0.0243
55	100	HDR BIAS	-0.5709	-0.244	0.3269
56	100	HDR UNBIAS	-0.7393	-0.3266	0.4127
57	100	HDR UNBIAS	-0.3108	-0.1668	0.144
58	100	HDR UNBIAS	-0.368	-0.3095	0.0585
59	100	HDR UNBIAS	-0.8142	-0.0175	0.7967
60	100	HDR UNBIAS	-0.3702	-0.0703	0.2999
71	0	CORRELATION	-0.6363	-0.6061	0.0302
72	0	CORRELATION	-0.2765	-0.464	-0.1875
73	0	CORRELATION	-0.4429	-0.4595	-0.0166

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	-0.6363	-0.4519	-0.2765	0.18007	-0.6061	-0.50987	-0.4595	0.083371	-0.1875	-0.057967	0.0302	0.11459
3	-0.7767	-0.4797	-0.2203	0.16964	-0.5874	-0.48238	-0.4046	0.066736	-0.2237	-0.00268	0.3721	0.19742
10	-0.7455	-0.48531	-0.2921	0.1763	-0.5936	-0.47157	-0.3422	0.075489	-0.2568	0.01374	0.3565	0.2169
30	-0.758	-0.46721	-0.2868	0.18388	-0.5624	-0.40003	-0.2696	0.096063	-0.2132	0.06718	0.4064	0.21556
50	-0.7705	-0.49562	-0.2484	0.19683	-0.5562	-0.40076	-0.2392	0.10009	-0.2413	0.09486	0.472	0.26255
100	-0.8142	-0.47182	-0.2266	0.19841	-0.3813	-0.21139	-0.0175	0.12824	-0.0508	0.26043	0.7967	0.24862

Device Test: 16.18 LEAK|EN_LEAK/EN/14/14/0/1000/5/500kHz//@I_EN_LEAK





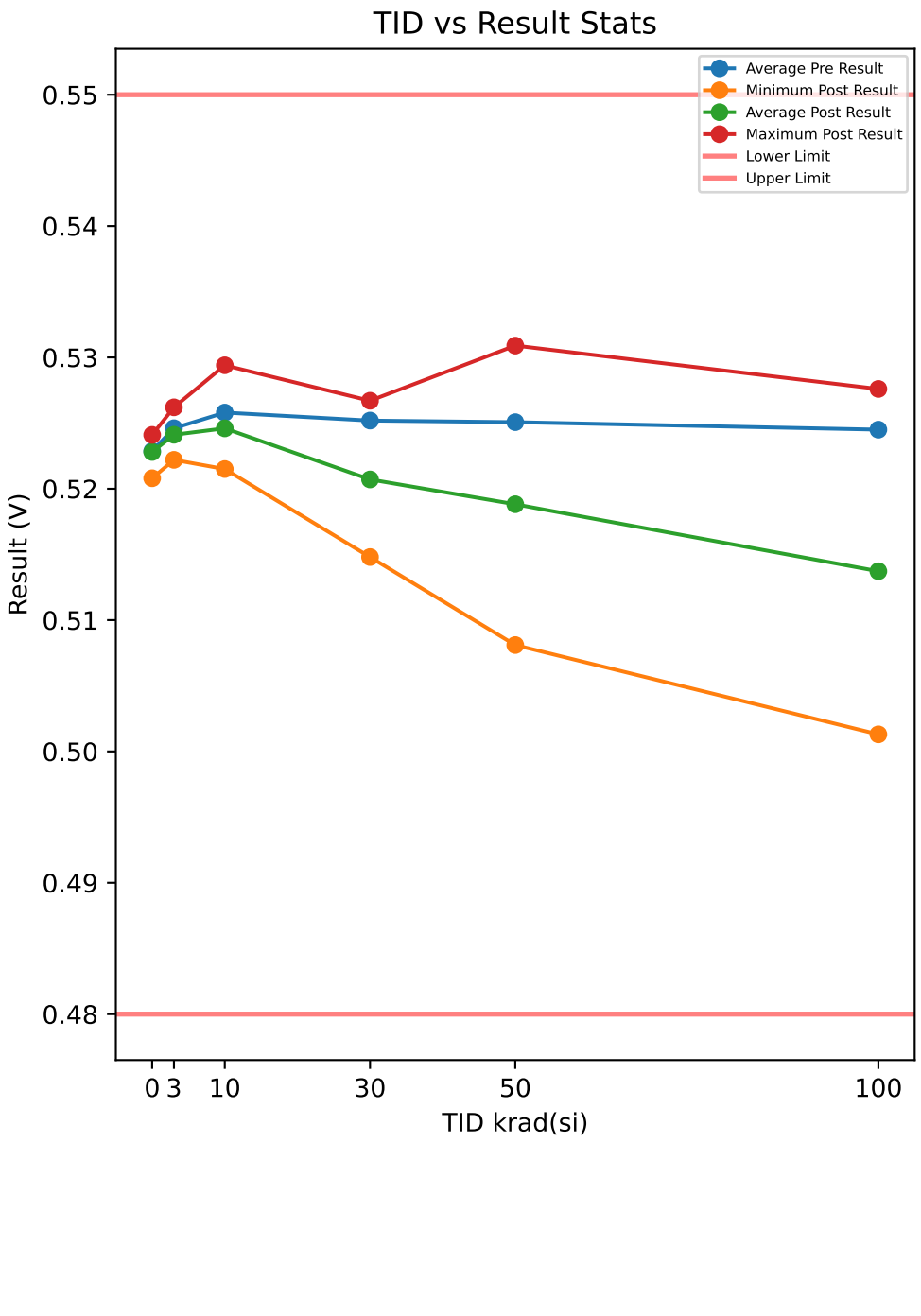
Test Results (Upper Limit = 700.0 (nA))

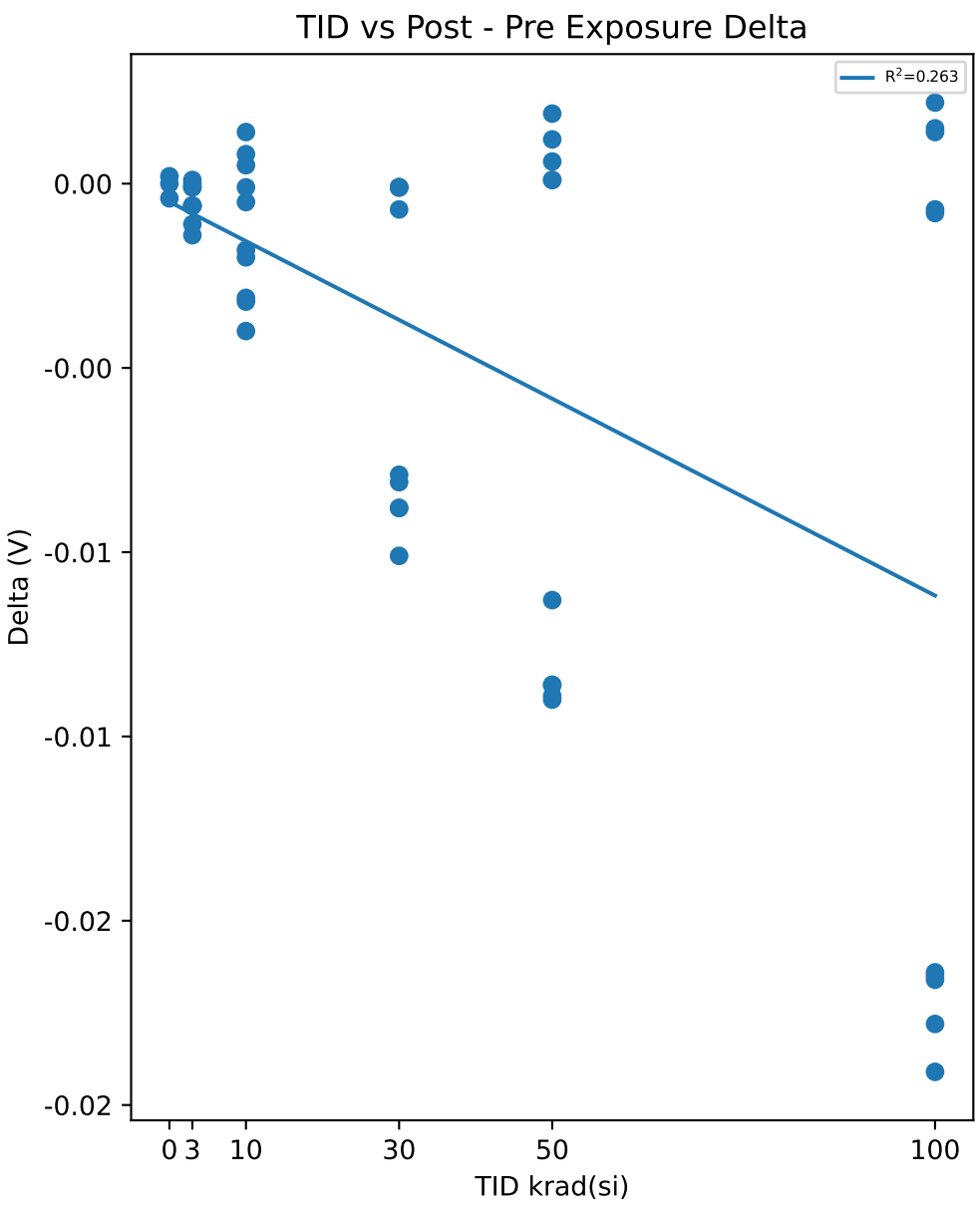
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.7496	-0.0223	-0.7719
2	3	HDR BIAS	0.472	0.6974	0.2254
3	3	HDR BIAS	1.0314	0.4622	-0.5692
4	3	HDR BIAS	0.5092	-0.2377	-0.7469
5	3	HDR BIAS	-0.1649	0.1355	0.3004
6	3	HDR UNBIAS	0.4789	-0.1762	-0.6551
7	3	HDR UNBIAS	0.5966	-0.2065	-0.8031
8	3	HDR UNBIAS	0.1192	0.2822	0.163
9	3	HDR UNBIAS	0.7598	0.1259	-0.6339
10	3	HDR UNBIAS	0.7496	-0.0691	-0.8187
11	10	HDR BIAS	-0.1586	0.073	0.2316
12	10	HDR BIAS	0.404	-0.1512	-0.5552
13	10	HDR BIAS	0.9026	0.1494	-0.7532
14	10	HDR BIAS	0.166	0.3134	0.1474
15	10	HDR BIAS	0.8691	0.3003	-0.5688
16	10	HDR UNBIAS	0.7683	0.1494	-0.6189
17	10	HDR UNBIAS	0.7342	1.5997	0.8655
18	10	HDR UNBIAS	0.6131	0.0512	-0.5619
19	10	HDR UNBIAS	0.8401	0.2493	-0.5908
20	10	HDR UNBIAS	0.1504	0.7349	0.5845
31	30	HDR BIAS	0.5842	-0.0754	-0.6596
32	30	HDR BIAS	-0.1087	0.0918	0.2005
33	30	HDR BIAS	1.6838	2.9036	1.2198
34	30	HDR BIAS	2.6195	5.3193	2.6998
35	30	HDR BIAS	0.2066	0.4196	0.213
36	30	HDR UNBIAS	0.8316	0.3283	-0.5033
37	30	HDR UNBIAS	1.0649	1.3576	0.2927
38	30	HDR UNBIAS	-0.1961	0.3665	0.5626
39	30	HDR UNBIAS	0.6818	0.8328	0.151
40	30	HDR UNBIAS	0.5248	-0.0691	-0.5939
41	50	HDR BIAS	-0.1524	0.8566	1.009
42	50	HDR BIAS	0.816	0.4591	-0.3569
43	50	HDR BIAS	0.5966	0.062	-0.5346
44	50	HDR BIAS	0.1067	3.0014	2.8947
45	50	HDR BIAS	0.6911	1.8511	1.16
46	50	HDR UNBIAS	0.4343	-0.0879	-0.5222
47	50	HDR UNBIAS	0.1442	2.6674	2.5232
48	50	HDR UNBIAS	0.663	0.8982	0.2352
49	50	HDR UNBIAS	0.4156	-0.1566	-0.5722
50	50	HDR UNBIAS	-0.1898	0.3228	0.5126
51	100	HDR BIAS	0.9003	7.6432	6.7429
52	100	HDR BIAS	0.6029	3.3525	2.7496
53	100	HDR BIAS	-0.1805	3.4479	3.6284
54	100	HDR BIAS	0.5881	3.022	2.4339
55	100	HDR BIAS	1.1461	8.7409	7.5948
56	100	HDR UNBIAS	-0.1586	2.299	2.4576
57	100	HDR UNBIAS	0.5975	3.3926	2.7951
58	100	HDR UNBIAS	0.6747	4.0143	3.3396
59	100	HDR UNBIAS	-0.1461	4.2658	4.4119
60	100	HDR UNBIAS	0.713	4.143	3.43
71	0	CORRELATION	-0.0899	-0.0879	0.002
72	0	CORRELATION	0.9783	0.2791	-0.6992
73	0	CORRELATION	0.94	0.0481	-0.8919

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	-0.0899	0.60947	0.9783	0.60597	-0.0879	0.079767	0.2791	0.18554	-0.8919	-0.5297	0.002	0.47044
3	-0.1649	0.53014	1.0314	0.3437	-0.2377	0.09914	0.6974	0.3075	-0.8187	-0.431	0.3004	0.46355
10	-0.1586	0.52892	0.9026	0.36848	-0.1512	0.34694	1.5997	0.49682	-0.7532	-0.18198	0.8655	0.58517
30	-0.1961	0.78924	2.6195	0.84775	-0.0754	1.1475	5.3193	1.717	-0.6596	0.35826	2.6998	1.0025
50	-0.1898	0.35253	0.816	0.3573	-0.1566	0.98741	3.0014	1.1398	-0.5722	0.63488	2.8947	1.2654
100	-0.1805	0.47374	1.1461	0.47008	2.299	4.4321	8.7409	2.0794	2.4339	3.9584	7.5948	1.8057

Device Test: 16.2 LEVEL|EN_FALL/EN/4.5/4.5/0/0/4.5/500kHz//@V_EN_FALL





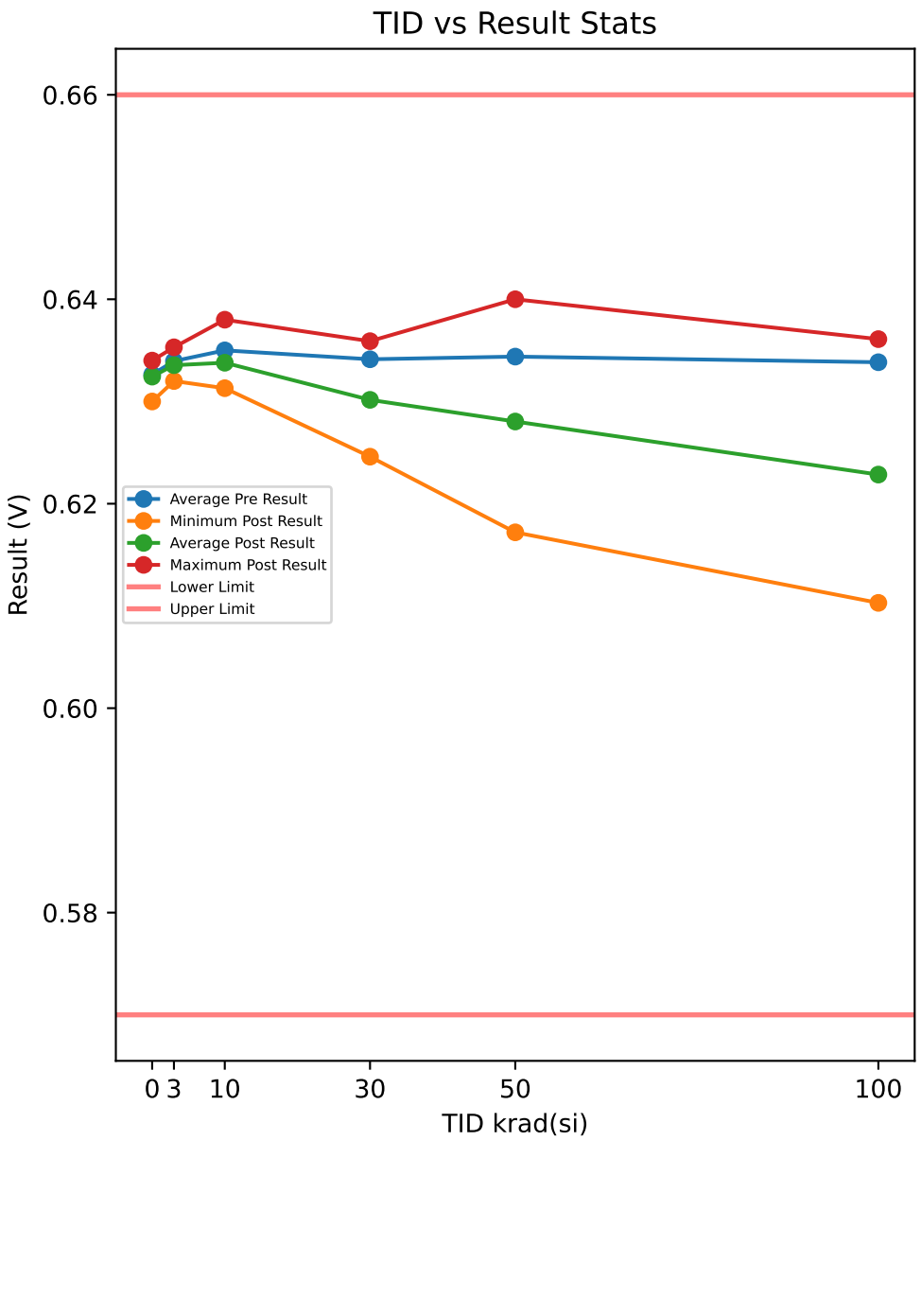
Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

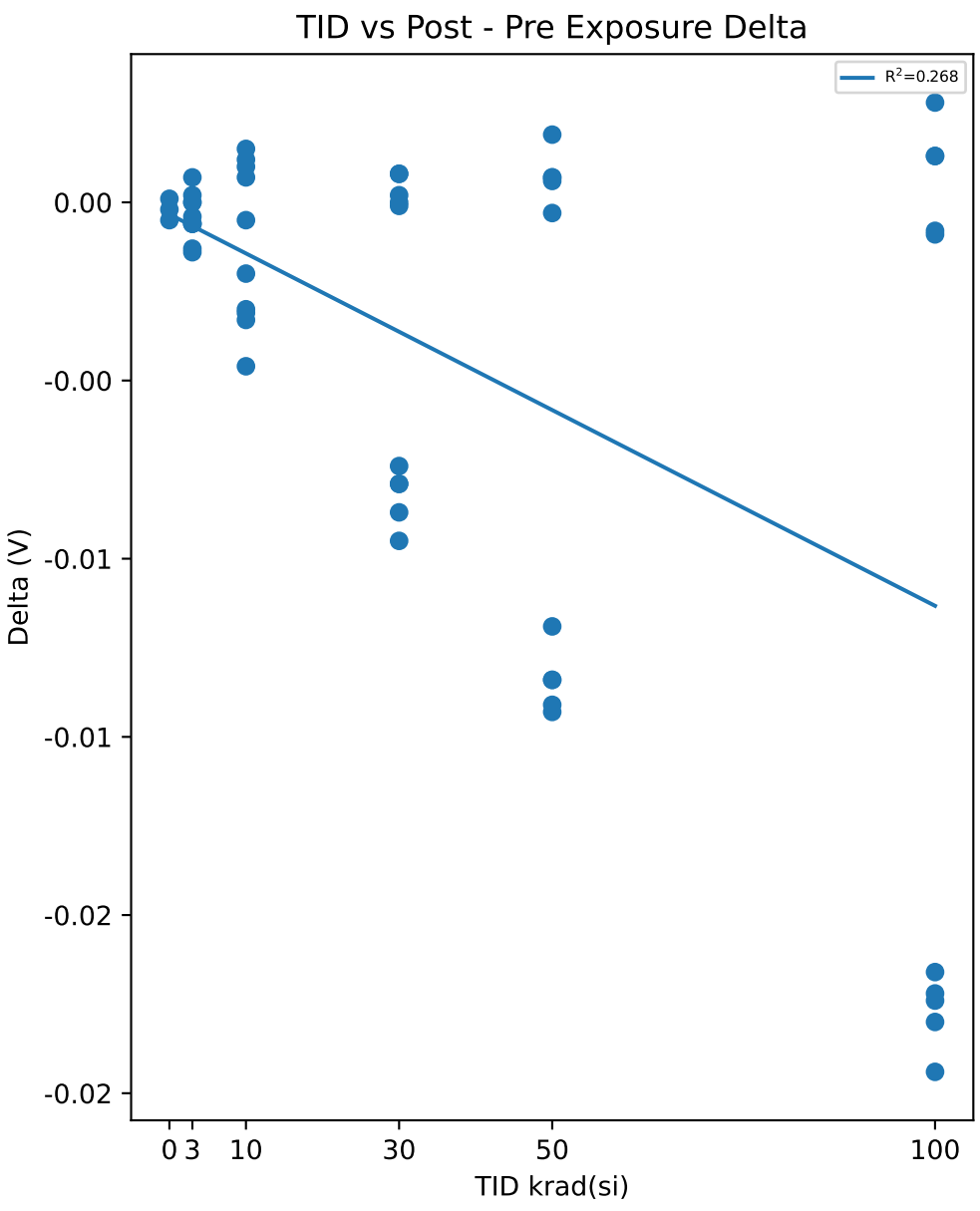
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5254	0.5248	-0.0006
2	3	HDR BIAS	0.5239	0.5228	-0.0011
3	3	HDR BIAS	0.5241	0.5235	-0.0006
4	3	HDR BIAS	0.524	0.5234	-0.0006
5	3	HDR BIAS	0.5248	0.5234	-0.0014
6	3	HDR UNBIAS	0.5253	0.5247	-0.0006
7	3	HDR UNBIAS	0.5254	0.5254	0
8	3	HDR UNBIAS	0.5263	0.5262	-0.0001
9	3	HDR UNBIAS	0.5221	0.5222	0.0001
10	3	HDR UNBIAS	0.5248	0.5247	-0.0001
11	10	HDR BIAS	0.5289	0.5249	-0.004
12	10	HDR BIAS	0.5233	0.5215	-0.0018
13	10	HDR BIAS	0.5261	0.5241	-0.002
14	10	HDR BIAS	0.5254	0.5223	-0.0031
15	10	HDR BIAS	0.528	0.5248	-0.0032
16	10	HDR UNBIAS	0.5246	0.5254	0.0008
17	10	HDR UNBIAS	0.5235	0.524	0.0005
18	10	HDR UNBIAS	0.5248	0.5247	-0.0001
19	10	HDR UNBIAS	0.528	0.5294	0.0014
20	10	HDR UNBIAS	0.5254	0.5249	-0.0005
31	30	HDR BIAS	0.5261	0.5173	-0.0088
32	30	HDR BIAS	0.5282	0.5194	-0.0088
33	30	HDR BIAS	0.5227	0.5148	-0.0079
34	30	HDR BIAS	0.5254	0.5153	-0.0101
35	30	HDR BIAS	0.524	0.5159	-0.0081
36	30	HDR UNBIAS	0.5268	0.5267	-0.0001
37	30	HDR UNBIAS	0.5261	0.5254	-0.0007
38	30	HDR UNBIAS	0.5237	0.5236	-0.0001
39	30	HDR UNBIAS	0.5254	0.5253	-0.0001
40	30	HDR UNBIAS	0.5235	0.5234	-0.0001
41	50	HDR BIAS	0.522	0.5081	-0.0139
42	50	HDR BIAS	0.5222	0.5086	-0.0136
43	50	HDR BIAS	0.5254	0.5114	-0.014
44	50	HDR BIAS	0.5262	0.5149	-0.0113
45	50	HDR BIAS	0.5242	0.5106	-0.0136
46	50	HDR UNBIAS	0.5248	0.5254	0.0006
47	50	HDR UNBIAS	0.5274	0.5275	0.0001
48	50	HDR UNBIAS	0.5267	0.5268	0.0001
49	50	HDR UNBIAS	0.529	0.5309	0.0019
50	50	HDR UNBIAS	0.5228	0.524	0.0012
51	100	HDR BIAS	0.5248	0.502	-0.0228
52	100	HDR BIAS	0.5261	0.5047	-0.0214
53	100	HDR BIAS	0.5235	0.5019	-0.0216
54	100	HDR BIAS	0.5247	0.5032	-0.0215
55	100	HDR BIAS	0.5254	0.5013	-0.0241
56	100	HDR UNBIAS	0.5248	0.5262	0.0014
57	100	HDR UNBIAS	0.5254	0.5276	0.0022
58	100	HDR UNBIAS	0.5261	0.5254	-0.0007
59	100	HDR UNBIAS	0.5234	0.5249	0.0015
60	100	HDR UNBIAS	0.5208	0.52	-0.0008
71	0	CORRELATION	0.5208	0.5208	0
72	0	CORRELATION	0.5239	0.5241	0.0002
73	0	CORRELATION	0.5239	0.5235	-0.0004

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	0.5208	0.52287	0.5239	0.0017898	0.5208	0.5228	0.5241	0.0017578	-0.0004	-6.6667e-05	0.0002	0.00030551
3	0.5221	0.52461	0.5263	0.001159	0.5222	0.52411	0.5262	0.0012449	-0.0014	-0.0005	0.0001	0.00048762
10	0.5233	0.5258	0.5289	0.0019345	0.5215	0.5246	0.5294	0.0020928	-0.004	-0.0012	0.0014	0.0018797
30	0.5227	0.52519	0.5282	0.0017026	0.5148	0.52071	0.5267	0.0046572	-0.0101	-0.00448	-0.0001	0.0045306
50	0.522	0.52507	0.529	0.0023229	0.5081	0.51882	0.5309	0.0088972	-0.014	-0.00625	0.0019	0.0074657
100	0.5208	0.5245	0.5261	0.0015937	0.5013	0.51372	0.5276	0.011891	-0.0241	-0.01078	0.0022	0.012182

Device Test: 16.4 LEVEL|EN_RISE/EN/5/5/0/0/5/500kHz//@V_EN_RISE





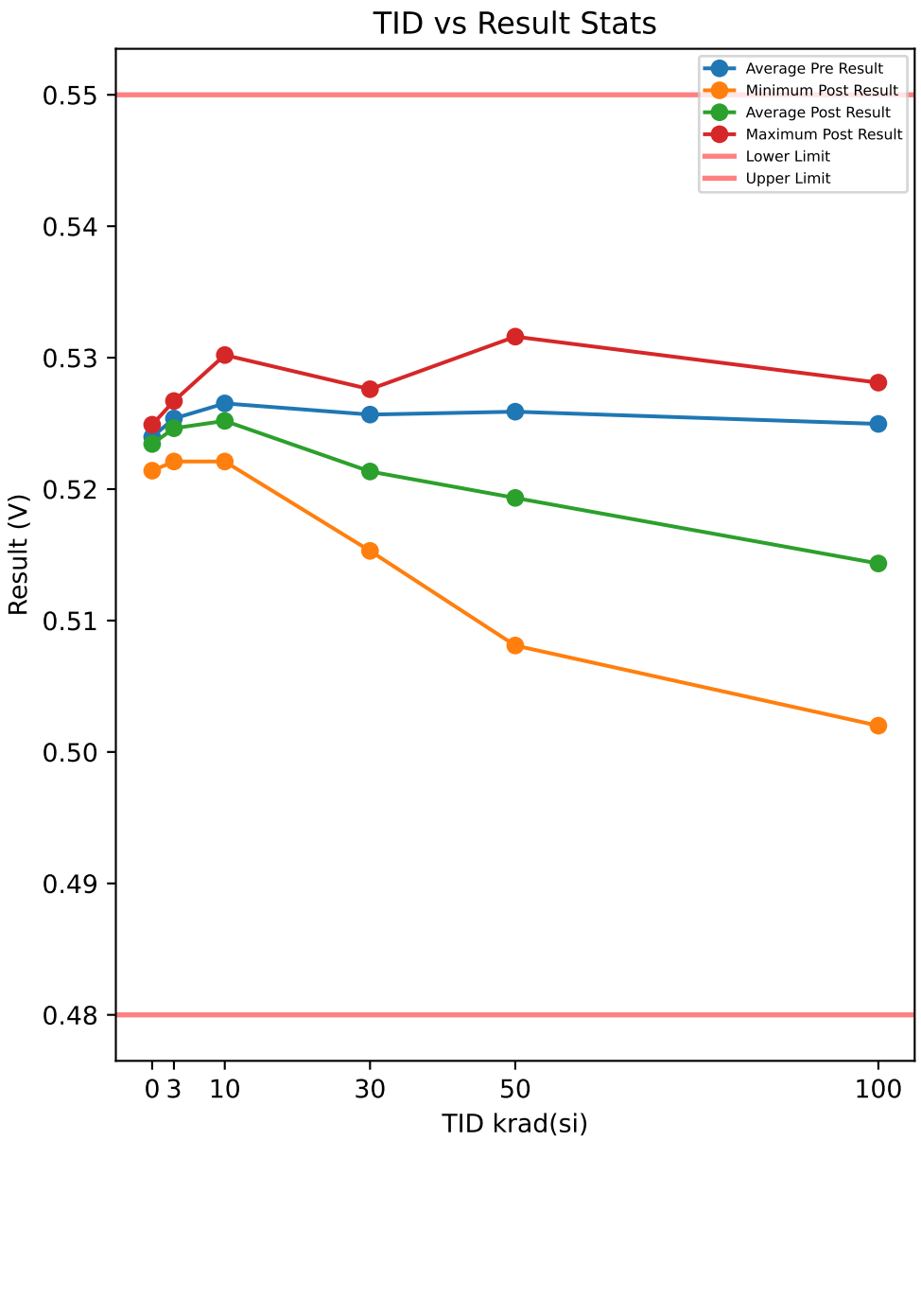
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

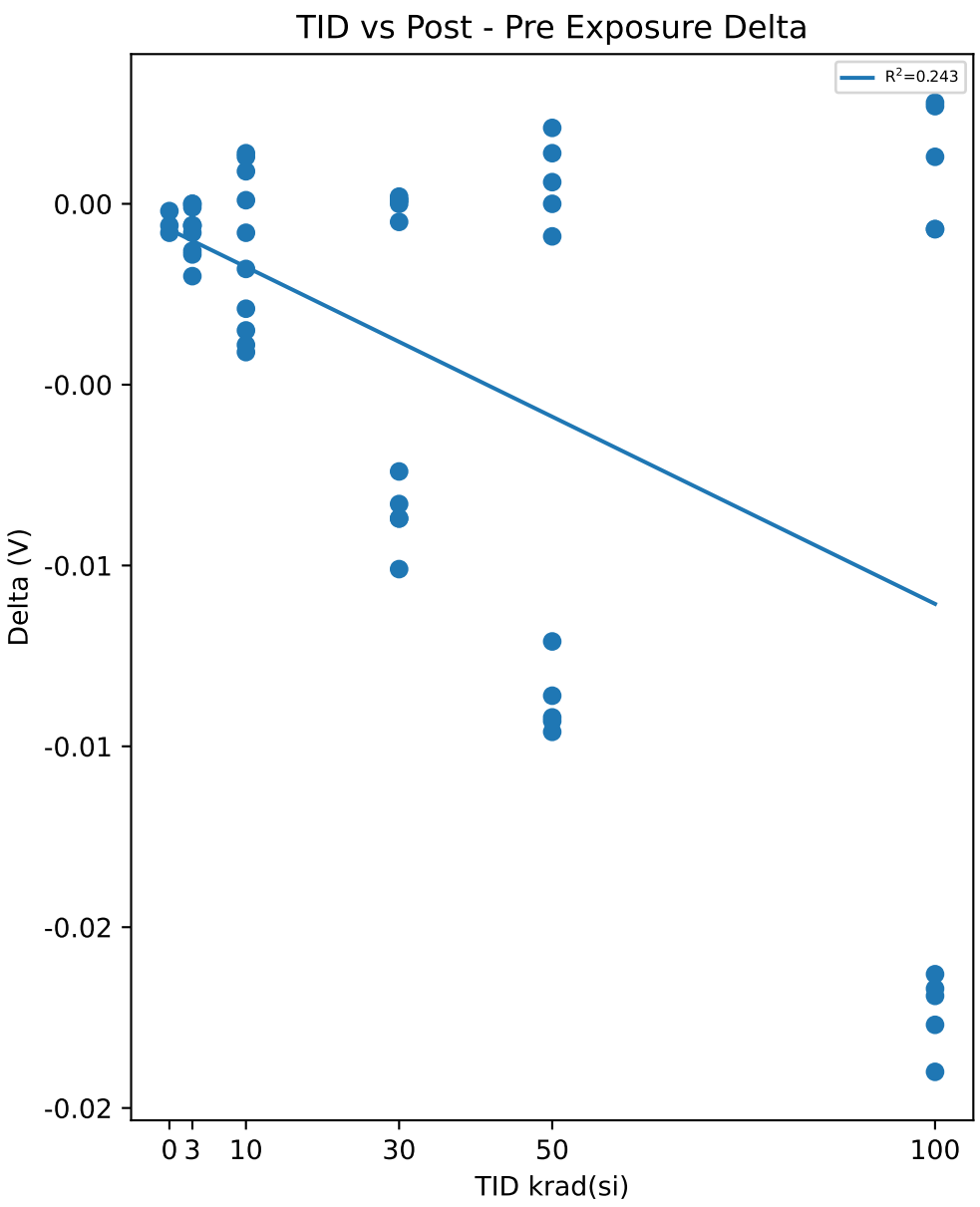
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6346	0.634	-0.0006
2	3	HDR BIAS	0.634	0.6327	-0.0013
3	3	HDR BIAS	0.6333	0.6327	-0.0006
4	3	HDR BIAS	0.6326	0.632	-0.0006
5	3	HDR BIAS	0.6347	0.6333	-0.0014
6	3	HDR UNBIAS	0.635	0.6346	-0.0004
7	3	HDR UNBIAS	0.6346	0.6348	0.0002
8	3	HDR UNBIAS	0.6353	0.6353	0
9	3	HDR UNBIAS	0.6321	0.6321	0
10	3	HDR UNBIAS	0.6333	0.634	0.0007
11	10	HDR BIAS	0.6381	0.6335	-0.0046
12	10	HDR BIAS	0.6333	0.6313	-0.002
13	10	HDR BIAS	0.6355	0.6325	-0.003
14	10	HDR BIAS	0.6347	0.6314	-0.0033
15	10	HDR BIAS	0.6378	0.6347	-0.0031
16	10	HDR UNBIAS	0.6333	0.6348	0.0015
17	10	HDR UNBIAS	0.6326	0.6333	0.0007
18	10	HDR UNBIAS	0.6332	0.6342	0.001
19	10	HDR UNBIAS	0.6368	0.638	0.0012
20	10	HDR UNBIAS	0.6347	0.6342	-0.0005
31	30	HDR BIAS	0.6347	0.6268	-0.0079
32	30	HDR BIAS	0.6375	0.6288	-0.0087
33	30	HDR BIAS	0.632	0.6246	-0.0074
34	30	HDR BIAS	0.6346	0.6251	-0.0095
35	30	HDR BIAS	0.6326	0.6247	-0.0079
36	30	HDR UNBIAS	0.636	0.6359	-0.0001
37	30	HDR UNBIAS	0.6346	0.6348	0.0002
38	30	HDR UNBIAS	0.6326	0.6334	0.0008
39	30	HDR UNBIAS	0.6341	0.6349	0.0008
40	30	HDR UNBIAS	0.6326	0.6326	0
41	50	HDR BIAS	0.6313	0.6172	-0.0141
42	50	HDR BIAS	0.632	0.6186	-0.0134
43	50	HDR BIAS	0.6348	0.6205	-0.0143
44	50	HDR BIAS	0.6353	0.6234	-0.0119
45	50	HDR BIAS	0.6332	0.6198	-0.0134
46	50	HDR UNBIAS	0.6341	0.6348	0.0007
47	50	HDR UNBIAS	0.6367	0.6374	0.0007
48	50	HDR UNBIAS	0.6362	0.6359	-0.0003
49	50	HDR UNBIAS	0.6381	0.64	0.0019
50	50	HDR UNBIAS	0.6322	0.6328	0.0006
51	100	HDR BIAS	0.6348	0.6118	-0.023
52	100	HDR BIAS	0.636	0.6138	-0.0222
53	100	HDR BIAS	0.6333	0.6109	-0.0224
54	100	HDR BIAS	0.634	0.6124	-0.0216
55	100	HDR BIAS	0.6347	0.6103	-0.0244
56	100	HDR UNBIAS	0.6341	0.6354	0.0013
57	100	HDR UNBIAS	0.6333	0.6361	0.0028
58	100	HDR UNBIAS	0.6355	0.6346	-0.0009
59	100	HDR UNBIAS	0.6326	0.6339	0.0013
60	100	HDR UNBIAS	0.6301	0.6293	-0.0008
71	0	CORRELATION	0.6305	0.63	-0.0005
72	0	CORRELATION	0.6342	0.634	-0.0002
73	0	CORRELATION	0.6332	0.6333	0.0001

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	0.6305	0.63263	0.6342	0.001914	0.63	0.63243	0.634	0.0021362	-0.0005	-0.0002	0.0001	0.0003
3	0.6321	0.63395	0.6353	0.0010763	0.632	0.63355	0.6353	0.0011617	-0.0014	-0.0004	0.0007	0.00065149
10	0.6326	0.635	0.6381	0.0019972	0.6313	0.63379	0.638	0.0019382	-0.0046	-0.00121	0.0015	0.0022472
30	0.632	0.63413	0.6375	0.0017378	0.6246	0.63016	0.6359	0.0046292	-0.0095	-0.00397	0.0008	0.0045855
50	0.6313	0.63439	0.6381	0.0022343	0.6172	0.62804	0.64	0.008905	-0.0143	-0.00635	0.0019	0.007497
100	0.6301	0.63384	0.636	0.0016761	0.6103	0.62285	0.6361	0.011777	-0.0244	-0.01099	0.0028	0.012429

Device Test: 16.5 LEVEL|EN_FALL/EN/5/5/0/0/5/500kHz//@V_EN_FALL





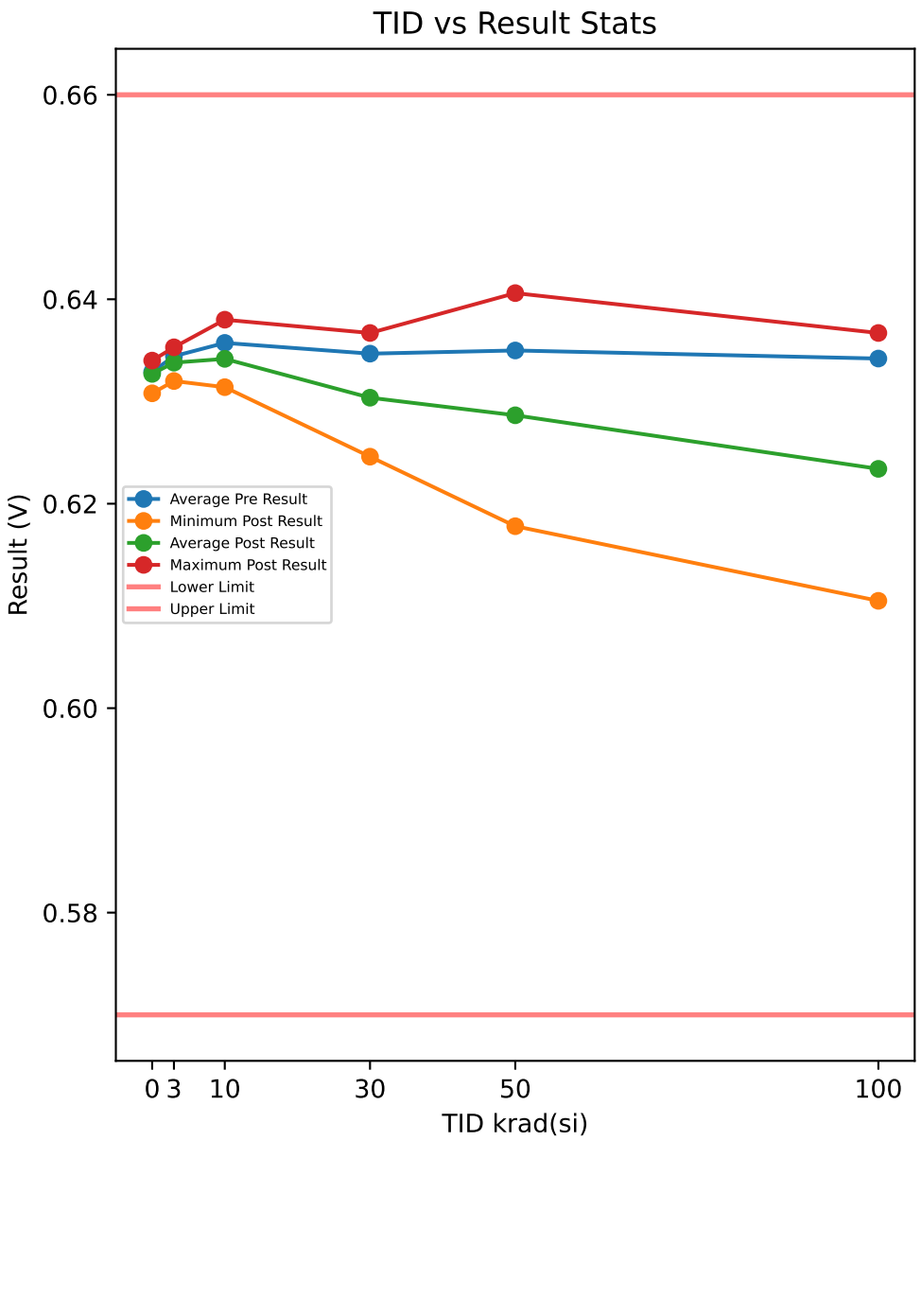
Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

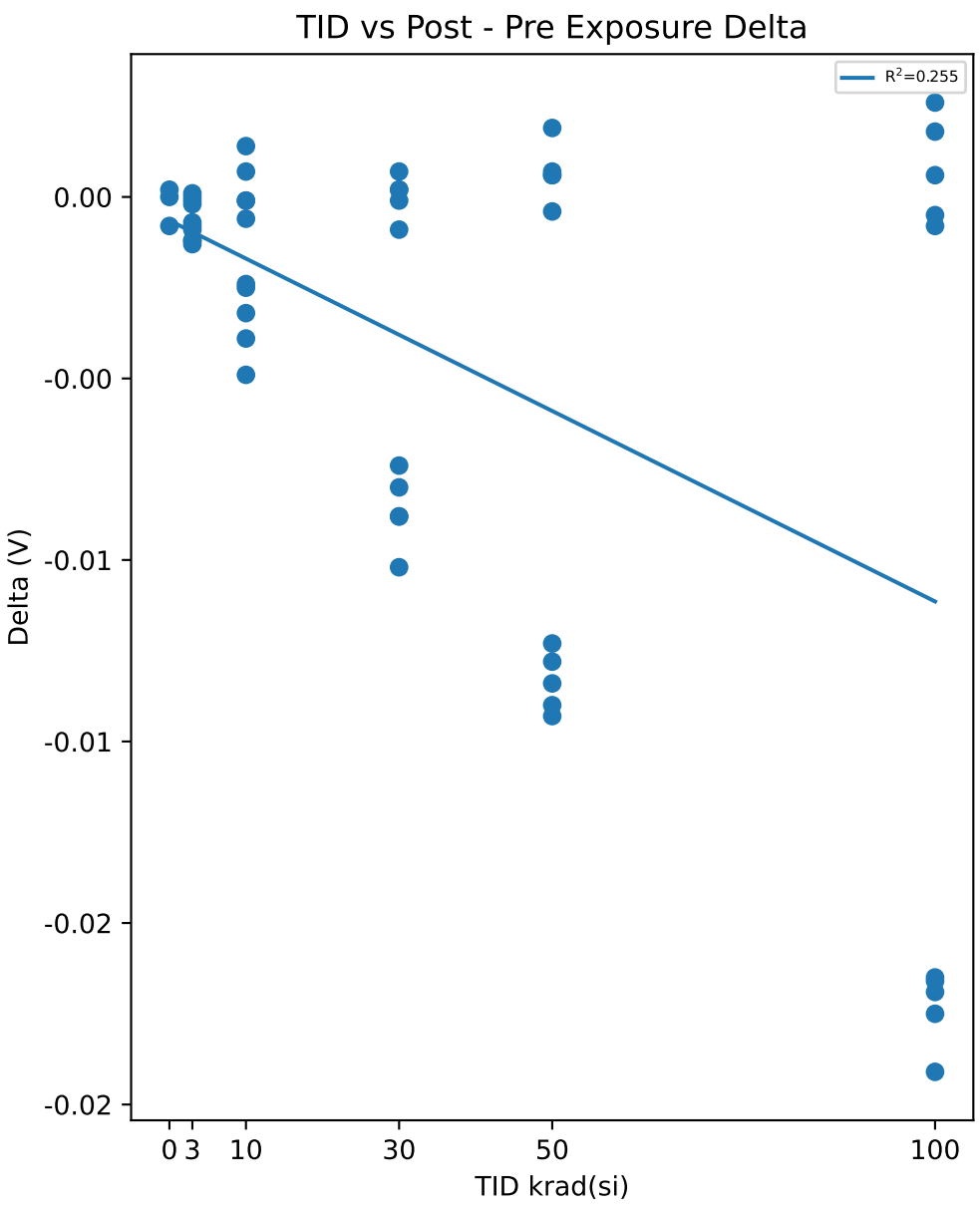
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.526	0.5254	-0.0006
2	3	HDR BIAS	0.5248	0.5234	-0.0014
3	3	HDR BIAS	0.5248	0.5235	-0.0013
4	3	HDR BIAS	0.5248	0.5242	-0.0006
5	3	HDR BIAS	0.526	0.524	-0.002
6	3	HDR UNBIAS	0.5263	0.5255	-0.0008
7	3	HDR UNBIAS	0.5261	0.5261	0
8	3	HDR UNBIAS	0.5268	0.5267	-0.0001
9	3	HDR UNBIAS	0.5227	0.5221	-0.0006
10	3	HDR UNBIAS	0.5254	0.5254	0
11	10	HDR BIAS	0.5294	0.5255	-0.0039
12	10	HDR BIAS	0.5239	0.5221	-0.0018
13	10	HDR BIAS	0.5275	0.5246	-0.0029
14	10	HDR BIAS	0.5263	0.5228	-0.0035
15	10	HDR BIAS	0.5289	0.5248	-0.0041
16	10	HDR UNBIAS	0.5248	0.5261	0.0013
17	10	HDR UNBIAS	0.524	0.5249	0.0009
18	10	HDR UNBIAS	0.5254	0.5255	0.0001
19	10	HDR UNBIAS	0.5288	0.5302	0.0014
20	10	HDR UNBIAS	0.5262	0.5254	-0.0008
31	30	HDR BIAS	0.5266	0.5179	-0.0087
32	30	HDR BIAS	0.5282	0.5195	-0.0087
33	30	HDR BIAS	0.5236	0.5153	-0.0083
34	30	HDR BIAS	0.526	0.5159	-0.0101
35	30	HDR BIAS	0.5242	0.5168	-0.0074
36	30	HDR UNBIAS	0.5274	0.5276	0.0002
37	30	HDR UNBIAS	0.5266	0.5261	-0.0005
38	30	HDR UNBIAS	0.524	0.524	0
39	30	HDR UNBIAS	0.5261	0.5262	0.0001
40	30	HDR UNBIAS	0.524	0.5241	0.0001
41	50	HDR BIAS	0.5227	0.5081	-0.0146
42	50	HDR BIAS	0.5236	0.5093	-0.0143
43	50	HDR BIAS	0.5261	0.5119	-0.0142
44	50	HDR BIAS	0.5274	0.5153	-0.0121
45	50	HDR BIAS	0.5249	0.5113	-0.0136
46	50	HDR UNBIAS	0.5253	0.5259	0.0006
47	50	HDR UNBIAS	0.5282	0.5282	0
48	50	HDR UNBIAS	0.5277	0.5268	-0.0009
49	50	HDR UNBIAS	0.5295	0.5316	0.0021
50	50	HDR UNBIAS	0.5235	0.5249	0.0014
51	100	HDR BIAS	0.5254	0.5027	-0.0227
52	100	HDR BIAS	0.5266	0.5053	-0.0213
53	100	HDR BIAS	0.5242	0.5025	-0.0217
54	100	HDR BIAS	0.5257	0.5038	-0.0219
55	100	HDR BIAS	0.526	0.502	-0.024
56	100	HDR UNBIAS	0.5254	0.5267	0.0013
57	100	HDR UNBIAS	0.5254	0.5281	0.0027
58	100	HDR UNBIAS	0.5261	0.5254	-0.0007
59	100	HDR UNBIAS	0.5234	0.5262	0.0028
60	100	HDR UNBIAS	0.5214	0.5207	-0.0007
71	0	CORRELATION	0.522	0.5214	-0.0006
72	0	CORRELATION	0.5251	0.5249	-0.0002
73	0	CORRELATION	0.5248	0.524	-0.0008

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	0.522	0.52397	0.5251	0.0017098	0.5214	0.52343	0.5249	0.0018175	-0.0008	-0.00053333	-0.0002	0.00030551
3	0.5227	0.52537	0.5268	0.001171	0.5221	0.52463	0.5267	0.0014205	-0.002	-0.00074	0	0.00065862
10	0.5239	0.52652	0.5294	0.0020466	0.5221	0.52519	0.5302	0.0021605	-0.0041	-0.00133	0.0014	0.0021945
30	0.5236	0.52567	0.5282	0.0016139	0.5153	0.52134	0.5276	0.0047383	-0.0101	-0.00433	0.0002	0.004593
50	0.5227	0.52589	0.5295	0.0022713	0.5081	0.51933	0.5316	0.0089558	-0.0146	-0.00656	0.0021	0.0076584
100	0.5214	0.52496	0.5266	0.0015593	0.502	0.51434	0.5281	0.011862	-0.024	-0.01062	0.0028	0.012407

Device Test: 16.7 LEVEL|EN_RISE/EN/12/12/0/0/5/500kHz//@V_EN_RISE





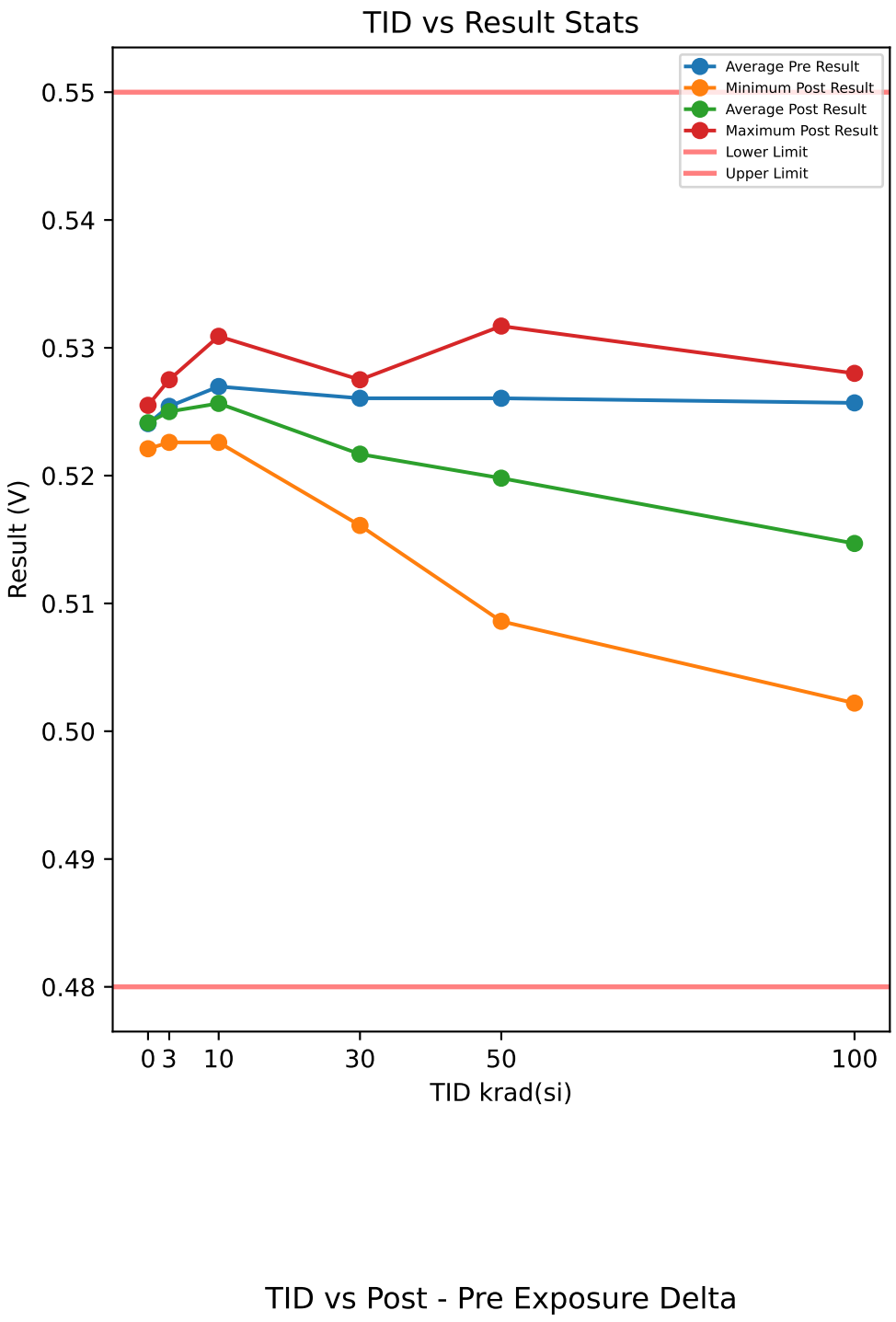
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

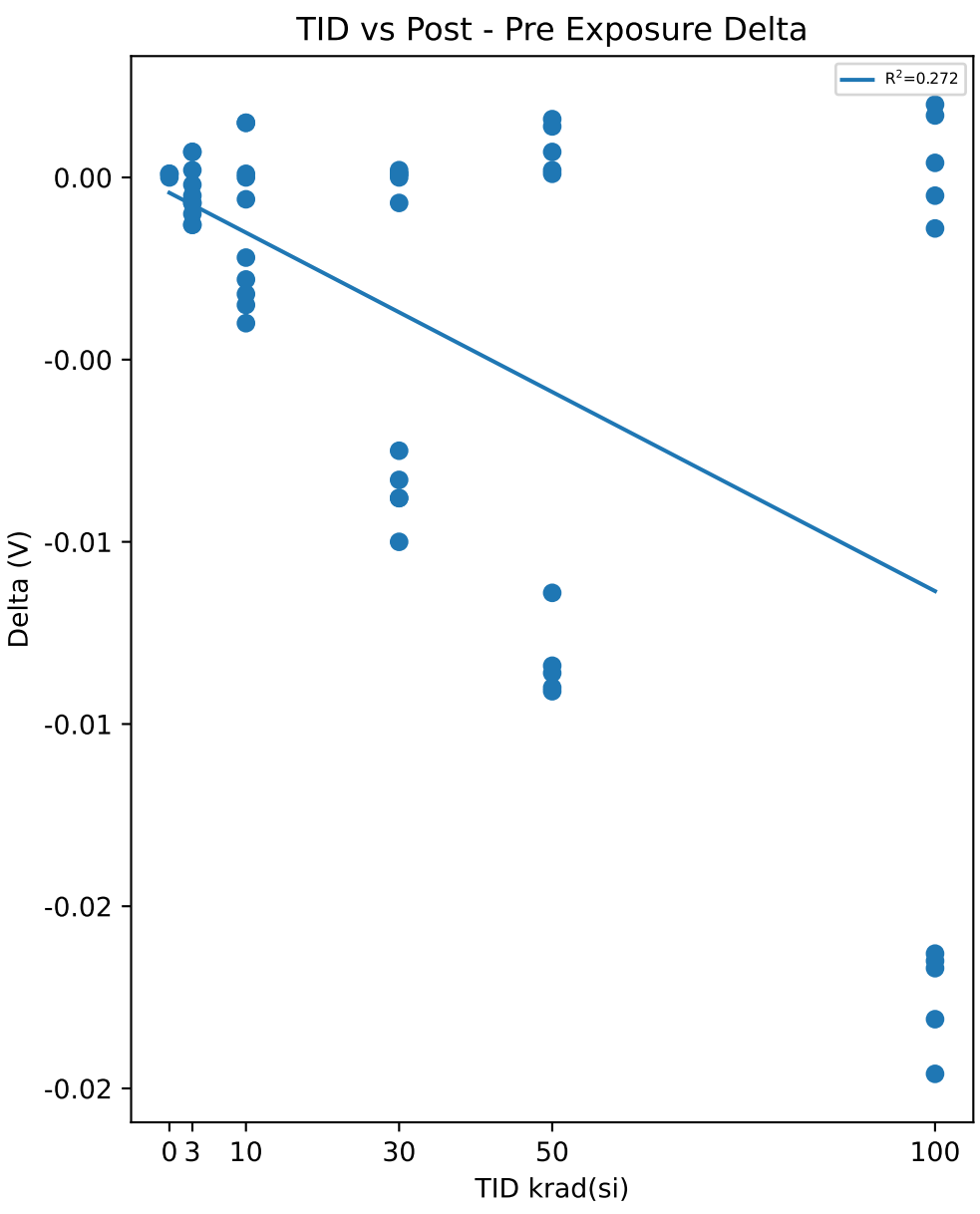
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6355	0.6348	-0.0007
2	3	HDR BIAS	0.6346	0.6334	-0.0012
3	3	HDR BIAS	0.6342	0.6333	-0.0009
4	3	HDR BIAS	0.6332	0.632	-0.0012
5	3	HDR BIAS	0.6347	0.6334	-0.0013
6	3	HDR UNBIAS	0.6355	0.6347	-0.0008
7	3	HDR UNBIAS	0.6347	0.6346	-0.0001
8	3	HDR UNBIAS	0.6353	0.6353	0
9	3	HDR UNBIAS	0.6328	0.6326	-0.0002
10	3	HDR UNBIAS	0.6338	0.6339	0.0001
11	10	HDR BIAS	0.6388	0.6339	-0.0049
12	10	HDR BIAS	0.6342	0.6318	-0.0024
13	10	HDR BIAS	0.6358	0.6333	-0.0025
14	10	HDR BIAS	0.6353	0.6314	-0.0039
15	10	HDR BIAS	0.6388	0.6356	-0.0032
16	10	HDR UNBIAS	0.6341	0.6355	0.0014
17	10	HDR UNBIAS	0.6335	0.6334	-0.0001
18	10	HDR UNBIAS	0.6342	0.6341	-0.0001
19	10	HDR UNBIAS	0.6373	0.638	0.0007
20	10	HDR UNBIAS	0.6353	0.6347	-0.0006
31	30	HDR BIAS	0.6353	0.6265	-0.0088
32	30	HDR BIAS	0.6375	0.6287	-0.0088
33	30	HDR BIAS	0.632	0.6246	-0.0074
34	30	HDR BIAS	0.6353	0.6251	-0.0102
35	30	HDR BIAS	0.6333	0.6253	-0.008
36	30	HDR UNBIAS	0.6368	0.6367	-0.0001
37	30	HDR UNBIAS	0.6355	0.6346	-0.0009
38	30	HDR UNBIAS	0.6332	0.6334	0.0002
39	30	HDR UNBIAS	0.6347	0.6354	0.0007
40	30	HDR UNBIAS	0.6332	0.6334	0.0002
41	50	HDR BIAS	0.6321	0.6178	-0.0143
42	50	HDR BIAS	0.6321	0.6193	-0.0128
43	50	HDR BIAS	0.6353	0.6213	-0.014
44	50	HDR BIAS	0.6362	0.6239	-0.0123
45	50	HDR BIAS	0.634	0.6206	-0.0134
46	50	HDR UNBIAS	0.6347	0.6353	0.0006
47	50	HDR UNBIAS	0.6373	0.638	0.0007
48	50	HDR UNBIAS	0.6368	0.6364	-0.0004
49	50	HDR UNBIAS	0.6387	0.6406	0.0019
50	50	HDR UNBIAS	0.6327	0.6333	0.0006
51	100	HDR BIAS	0.6347	0.6122	-0.0225
52	100	HDR BIAS	0.6361	0.6145	-0.0216
53	100	HDR BIAS	0.6333	0.6118	-0.0215
54	100	HDR BIAS	0.6342	0.6123	-0.0219
55	100	HDR BIAS	0.6346	0.6105	-0.0241
56	100	HDR UNBIAS	0.6348	0.6354	0.0006
57	100	HDR UNBIAS	0.6341	0.6367	0.0026
58	100	HDR UNBIAS	0.6361	0.6353	-0.0008
59	100	HDR UNBIAS	0.6335	0.6353	0.0018
60	100	HDR UNBIAS	0.6306	0.6301	-0.0005
71	0	CORRELATION	0.6306	0.6308	0.0002
72	0	CORRELATION	0.6348	0.634	-0.0008
73	0	CORRELATION	0.6333	0.6333	0

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	0.6306	0.6329	0.6348	0.0021284	0.6308	0.6327	0.634	0.0016823	-0.0008	-0.0002	0.0002	0.00052915
3	0.6328	0.63443	0.6355	0.00093339	0.632	0.6338	0.6353	0.001052	-0.0013	-0.00063	0.0001	0.00053759
10	0.6335	0.63573	0.6388	0.0019437	0.6314	0.63417	0.638	0.0019288	-0.0049	-0.00156	0.0014	0.0021072
30	0.632	0.63468	0.6375	0.0017434	0.6246	0.63037	0.6367	0.0047861	-0.0102	-0.00431	0.0007	0.0046345
50	0.6321	0.63499	0.6387	0.002284	0.6178	0.62865	0.6406	0.0088359	-0.0143	-0.00634	0.0019	0.0074402
100	0.6306	0.6342	0.6361	0.0015727	0.6105	0.62341	0.6367	0.011916	-0.0241	-0.01079	0.0026	0.012213

Device Test: 16.8 LEVEL|EN_FALL/EN/12/12/0/0/5/500kHz//@V_EN_FALL





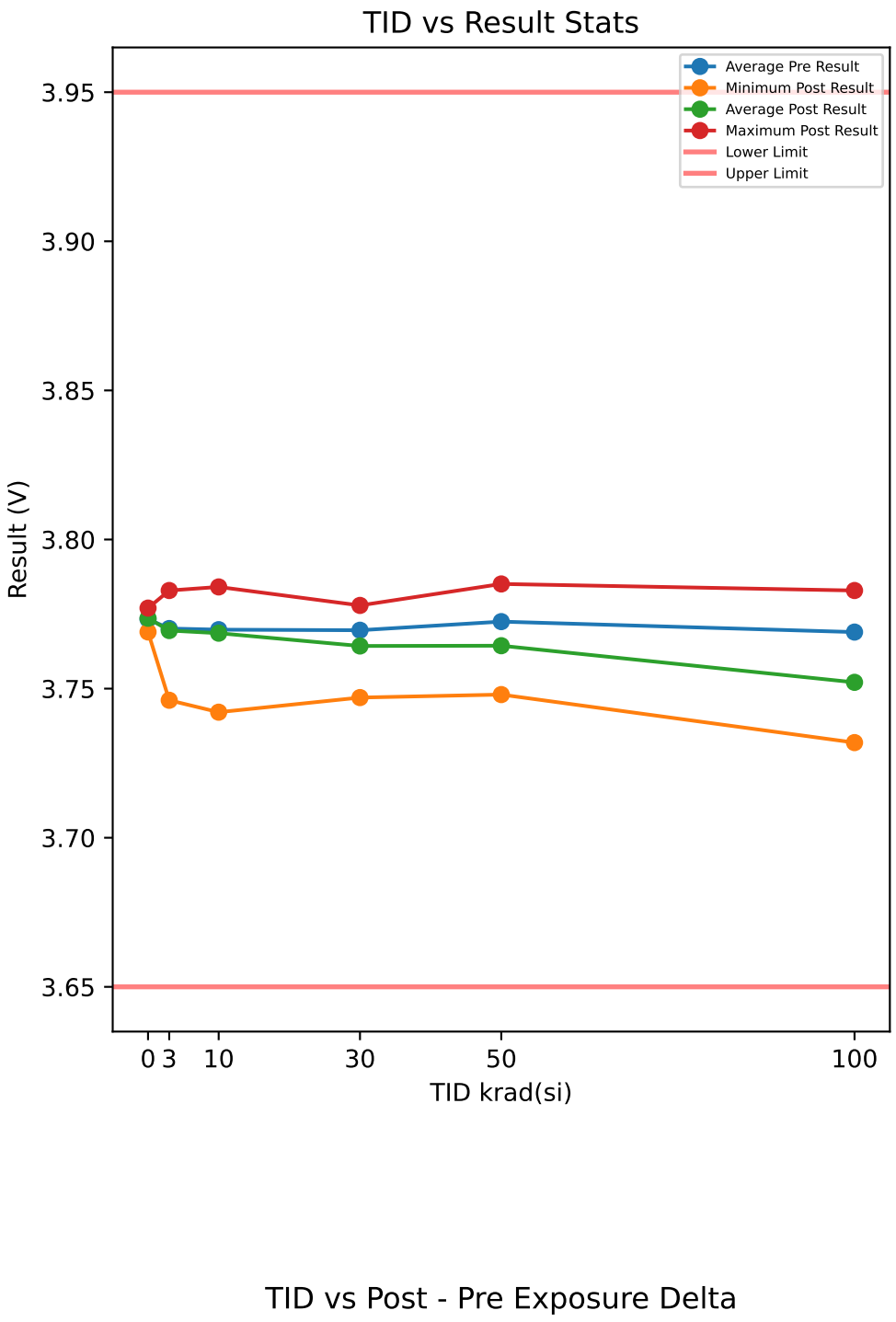
Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

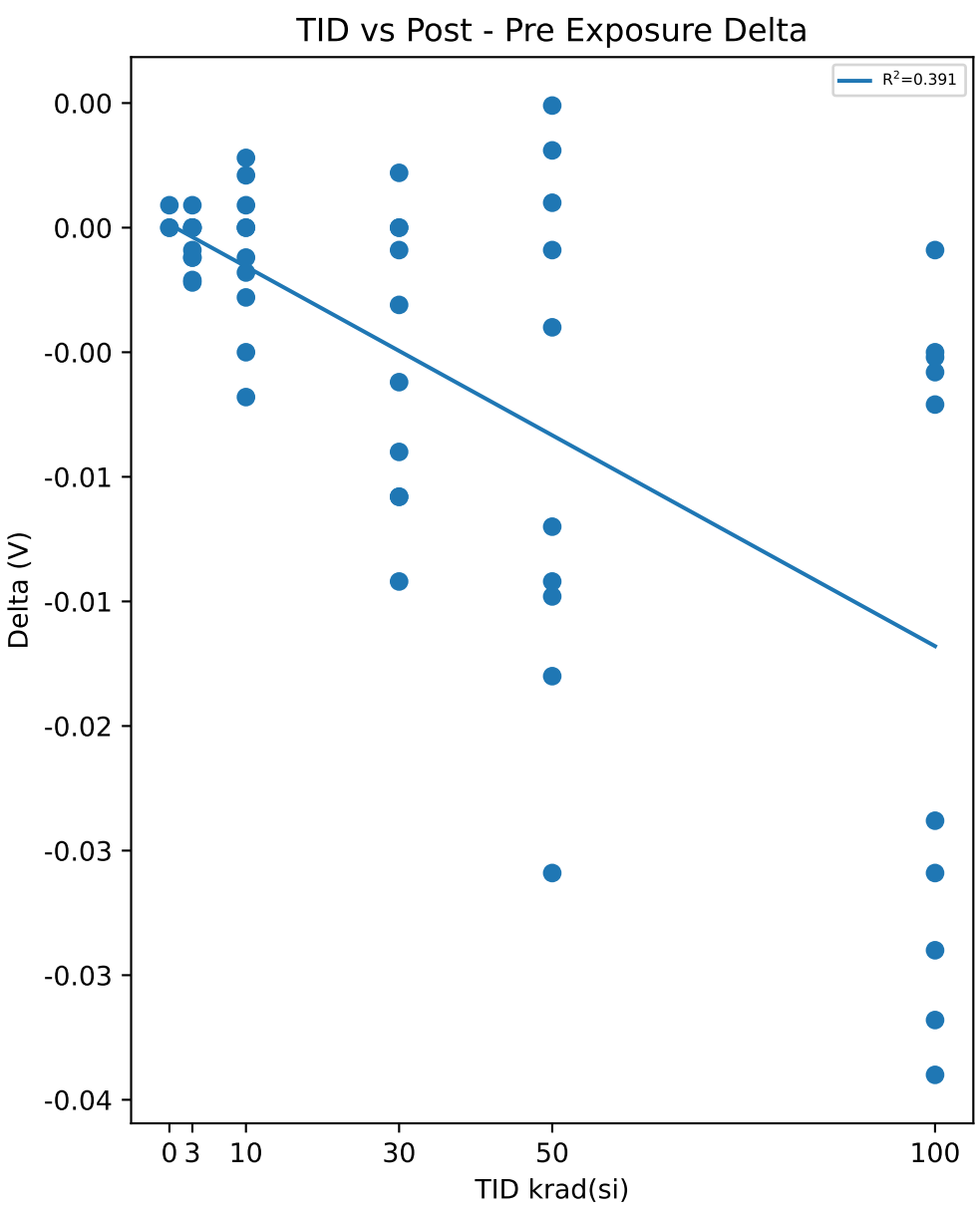
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5261	0.5254	-0.0007
2	3	HDR BIAS	0.5248	0.5235	-0.0013
3	3	HDR BIAS	0.5251	0.5241	-0.001
4	3	HDR BIAS	0.5246	0.5241	-0.0005
5	3	HDR BIAS	0.5262	0.5249	-0.0013
6	3	HDR UNBIAS	0.5262	0.5255	-0.0007
7	3	HDR UNBIAS	0.5261	0.5268	0.0007
8	3	HDR UNBIAS	0.5268	0.5275	0.0007
9	3	HDR UNBIAS	0.5228	0.5226	-0.0002
10	3	HDR UNBIAS	0.5255	0.5257	0.0002
11	10	HDR BIAS	0.5302	0.5262	-0.004
12	10	HDR BIAS	0.5248	0.5226	-0.0022
13	10	HDR BIAS	0.5274	0.5246	-0.0028
14	10	HDR BIAS	0.526	0.5228	-0.0032
15	10	HDR BIAS	0.5288	0.5253	-0.0035
16	10	HDR UNBIAS	0.5254	0.5269	0.0015
17	10	HDR UNBIAS	0.5248	0.5249	0.0001
18	10	HDR UNBIAS	0.5262	0.5262	0
19	10	HDR UNBIAS	0.5294	0.5309	0.0015
20	10	HDR UNBIAS	0.5267	0.5261	-0.0006
31	30	HDR BIAS	0.5269	0.5181	-0.0088
32	30	HDR BIAS	0.5288	0.52	-0.0088
33	30	HDR BIAS	0.5236	0.5161	-0.0075
34	30	HDR BIAS	0.5261	0.5161	-0.01
35	30	HDR BIAS	0.5249	0.5166	-0.0083
36	30	HDR UNBIAS	0.5282	0.5275	-0.0007
37	30	HDR UNBIAS	0.5266	0.5267	0.0001
38	30	HDR UNBIAS	0.524	0.5241	0.0001
39	30	HDR UNBIAS	0.5268	0.5268	0
40	30	HDR UNBIAS	0.5246	0.5248	0.0002
41	50	HDR BIAS	0.5227	0.5086	-0.0141
42	50	HDR BIAS	0.5236	0.51	-0.0136
43	50	HDR BIAS	0.5261	0.5121	-0.014
44	50	HDR BIAS	0.5274	0.516	-0.0114
45	50	HDR BIAS	0.5249	0.5115	-0.0134
46	50	HDR UNBIAS	0.5254	0.5268	0.0014
47	50	HDR UNBIAS	0.5289	0.529	0.0001
48	50	HDR UNBIAS	0.5274	0.5276	0.0002
49	50	HDR UNBIAS	0.5301	0.5317	0.0016
50	50	HDR UNBIAS	0.524	0.5247	0.0007
51	100	HDR BIAS	0.5263	0.5032	-0.0231
52	100	HDR BIAS	0.5273	0.5058	-0.0215
53	100	HDR BIAS	0.5247	0.5034	-0.0213
54	100	HDR BIAS	0.5263	0.5046	-0.0217
55	100	HDR BIAS	0.5268	0.5022	-0.0246
56	100	HDR UNBIAS	0.5263	0.5267	0.0004
57	100	HDR UNBIAS	0.5263	0.528	0.0017
58	100	HDR UNBIAS	0.5266	0.5261	-0.0005
59	100	HDR UNBIAS	0.5242	0.5262	0.002
60	100	HDR UNBIAS	0.5221	0.5207	-0.0014
71	0	CORRELATION	0.522	0.5221	0.0001
72	0	CORRELATION	0.5254	0.5255	0.0001
73	0	CORRELATION	0.5248	0.5248	0

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	0.522	0.52407	0.5254	0.0018148	0.5221	0.52413	0.5255	0.0017954	0	6.6667e-05	0.0001	5.7735e-05
3	0.5228	0.52542	0.5268	0.0011584	0.5226	0.52501	0.5275	0.0014918	-0.0013	-0.00041	0.0007	0.00074454
10	0.5248	0.52697	0.5302	0.0019253	0.5226	0.52565	0.5309	0.0023368	-0.004	-0.00132	0.0015	0.0020714
30	0.5236	0.52605	0.5288	0.001745	0.5161	0.52168	0.5275	0.0047679	-0.01	-0.00437	0.0002	0.0045899
50	0.5227	0.52605	0.5301	0.0023885	0.5086	0.5198	0.5317	0.0089703	-0.0141	-0.00625	0.0016	0.0074813
100	0.5221	0.52569	0.5273	0.0015716	0.5022	0.51469	0.528	0.011626	-0.0246	-0.011	0.002	0.012133

Device Test: 17.1 UVLO|PVIN_RISE/PVIN/4.5/4.5/0/1000/4.5/100kHz//@PVIN_UVLO_RISE





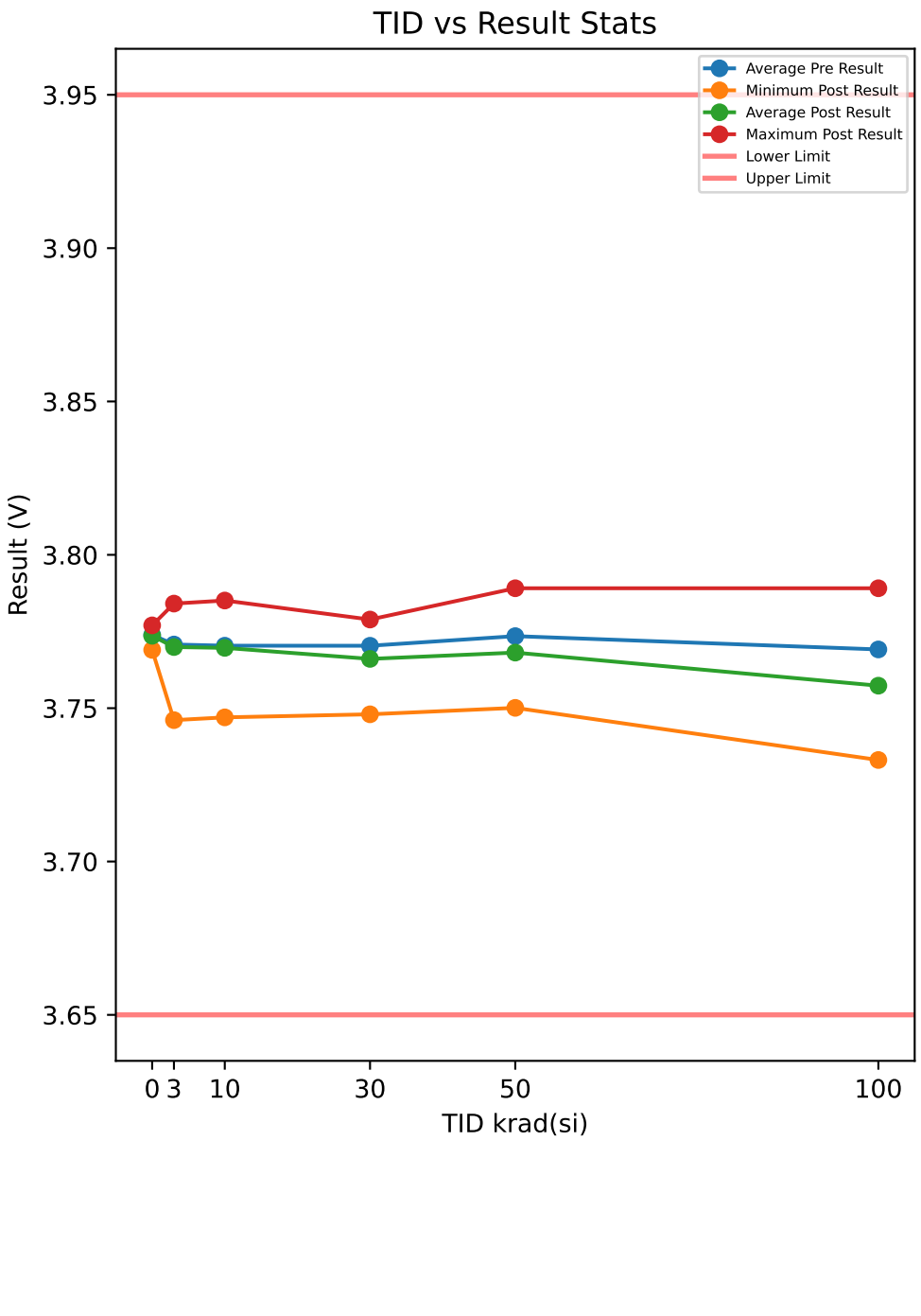
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

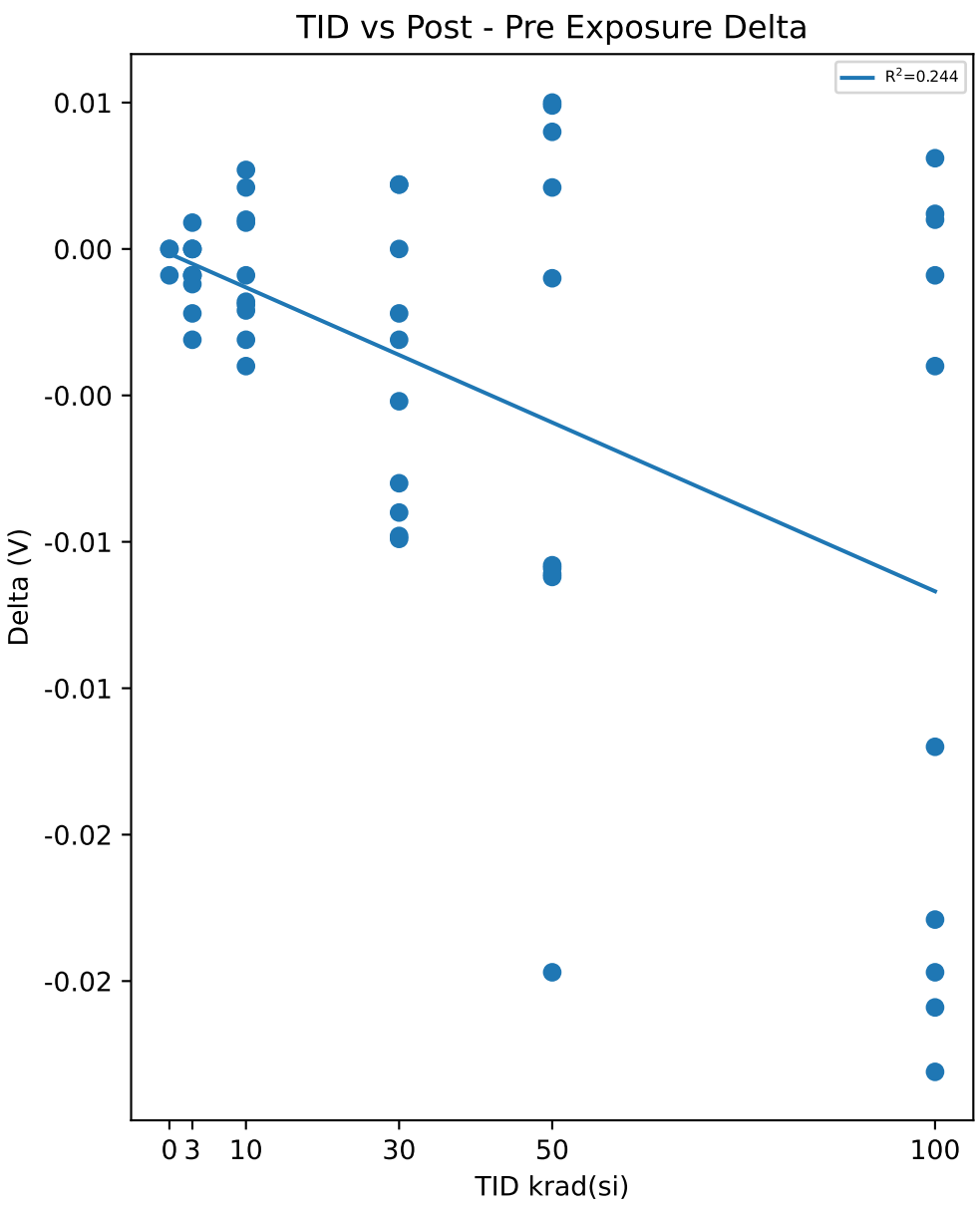
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7801	3.7801	0
2	3	HDR BIAS	3.7789	3.7789	0
3	3	HDR BIAS	3.7721	3.7721	0
4	3	HDR BIAS	3.7631	3.7609	-0.0022
5	3	HDR BIAS	3.7671	3.7659	-0.0012
6	3	HDR UNBIAS	3.7801	3.7789	-0.0012
7	3	HDR UNBIAS	3.7829	3.7829	0
8	3	HDR UNBIAS	3.7591	3.76	0.0009
9	3	HDR UNBIAS	3.7711	3.769	-0.0021
10	3	HDR UNBIAS	3.747	3.7461	-0.0009
11	10	HDR BIAS	3.7631	3.7619	-0.0012
12	10	HDR BIAS	3.7779	3.7779	0
13	10	HDR BIAS	3.7489	3.7421	-0.0068
14	10	HDR BIAS	3.7739	3.7711	-0.0028
15	10	HDR BIAS	3.781	3.781	0
16	10	HDR UNBIAS	3.7541	3.7569	0.0028
17	10	HDR UNBIAS	3.7748	3.773	-0.0018
18	10	HDR UNBIAS	3.769	3.7699	0.0009
19	10	HDR UNBIAS	3.7891	3.7841	-0.005
20	10	HDR UNBIAS	3.7659	3.768	0.0021
31	30	HDR BIAS	3.7841	3.7779	-0.0062
32	30	HDR BIAS	3.7761	3.7671	-0.009
33	30	HDR BIAS	3.7609	3.7501	-0.0108
34	30	HDR BIAS	3.7761	3.7619	-0.0142
35	30	HDR BIAS	3.7578	3.747	-0.0108
36	30	HDR UNBIAS	3.7659	3.7659	0
37	30	HDR UNBIAS	3.7551	3.752	-0.0031
38	30	HDR UNBIAS	3.7748	3.7739	-0.0009
39	30	HDR UNBIAS	3.7711	3.7711	0
40	30	HDR UNBIAS	3.7739	3.7761	0.0022
41	50	HDR BIAS	3.7789	3.7609	-0.018
42	50	HDR BIAS	3.76	3.748	-0.012
43	50	HDR BIAS	3.7699	3.7551	-0.0148
44	50	HDR BIAS	3.7748	3.7489	-0.0259
45	50	HDR BIAS	3.7711	3.7569	-0.0142
46	50	HDR UNBIAS	3.7789	3.782	0.0031
47	50	HDR UNBIAS	3.7659	3.765	-0.0009
48	50	HDR UNBIAS	3.7721	3.777	0.0049
49	50	HDR UNBIAS	3.7841	3.7851	0.001
50	50	HDR UNBIAS	3.769	3.765	-0.004
51	100	HDR BIAS	3.7801	3.7461	-0.034
52	100	HDR BIAS	3.768	3.739	-0.029
53	100	HDR BIAS	3.7739	3.7421	-0.0318
54	100	HDR BIAS	3.7659	3.7421	-0.0238
55	100	HDR BIAS	3.7578	3.7319	-0.0259
56	100	HDR UNBIAS	3.7659	3.7609	-0.005
57	100	HDR UNBIAS	3.7609	3.7551	-0.0058
58	100	HDR UNBIAS	3.756	3.7489	-0.0071
59	100	HDR UNBIAS	3.7881	3.7829	-0.0052
60	100	HDR UNBIAS	3.773	3.7721	-0.0009
71	0	CORRELATION	3.777	3.777	0
72	0	CORRELATION	3.769	3.769	0
73	0	CORRELATION	3.7739	3.7748	0.0009

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	3.769	3.7733	3.777	0.0040336	3.769	3.7736	3.777	0.0041328	0	0.0003	0.0009	0.00051962
3	3.747	3.7702	3.7829	0.011347	3.7461	3.7695	3.7829	0.011549	-0.0022	-0.00067	0.0009	0.0010144
10	3.7489	3.7698	3.7891	0.012245	3.7421	3.7686	3.7841	0.012437	-0.0068	-0.00118	0.0028	0.0030349
30	3.7551	3.7696	3.7841	0.0093178	3.747	3.7643	3.7779	0.01121	-0.0142	-0.00528	0.0022	0.0056846
50	3.76	3.7725	3.7841	0.0070135	3.748	3.7644	3.7851	0.013174	-0.0259	-0.00808	0.0049	0.010317
100	3.756	3.769	3.7881	0.010046	3.7319	3.7521	3.7829	0.01585	-0.034	-0.01685	-0.0009	0.013094

Device Test: 17.10 UVLO|PVIN_RISE/PVIN/4.5/4.5/0/1000/4.5/500kHz//@PVIN_UVLO_RISE





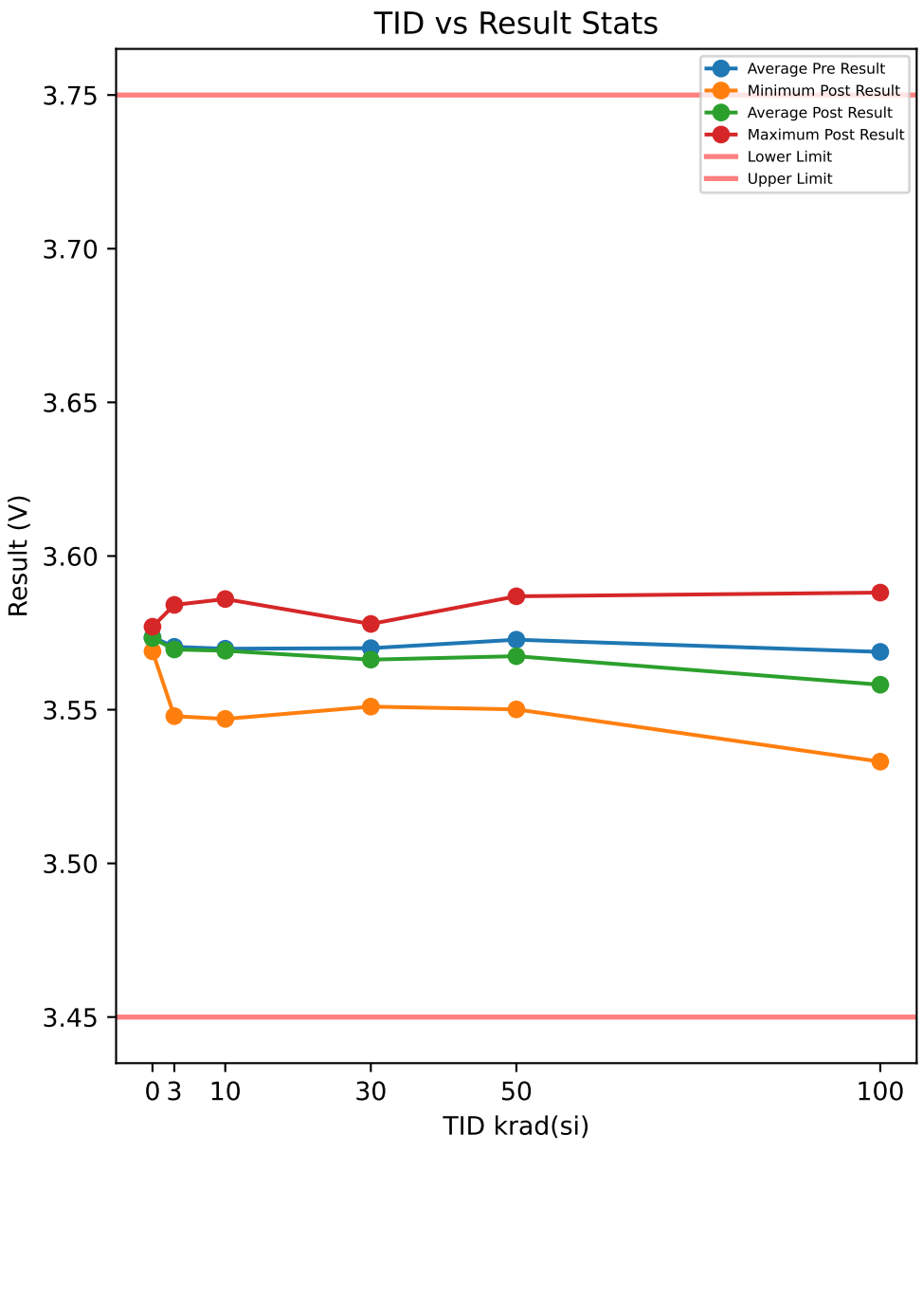
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

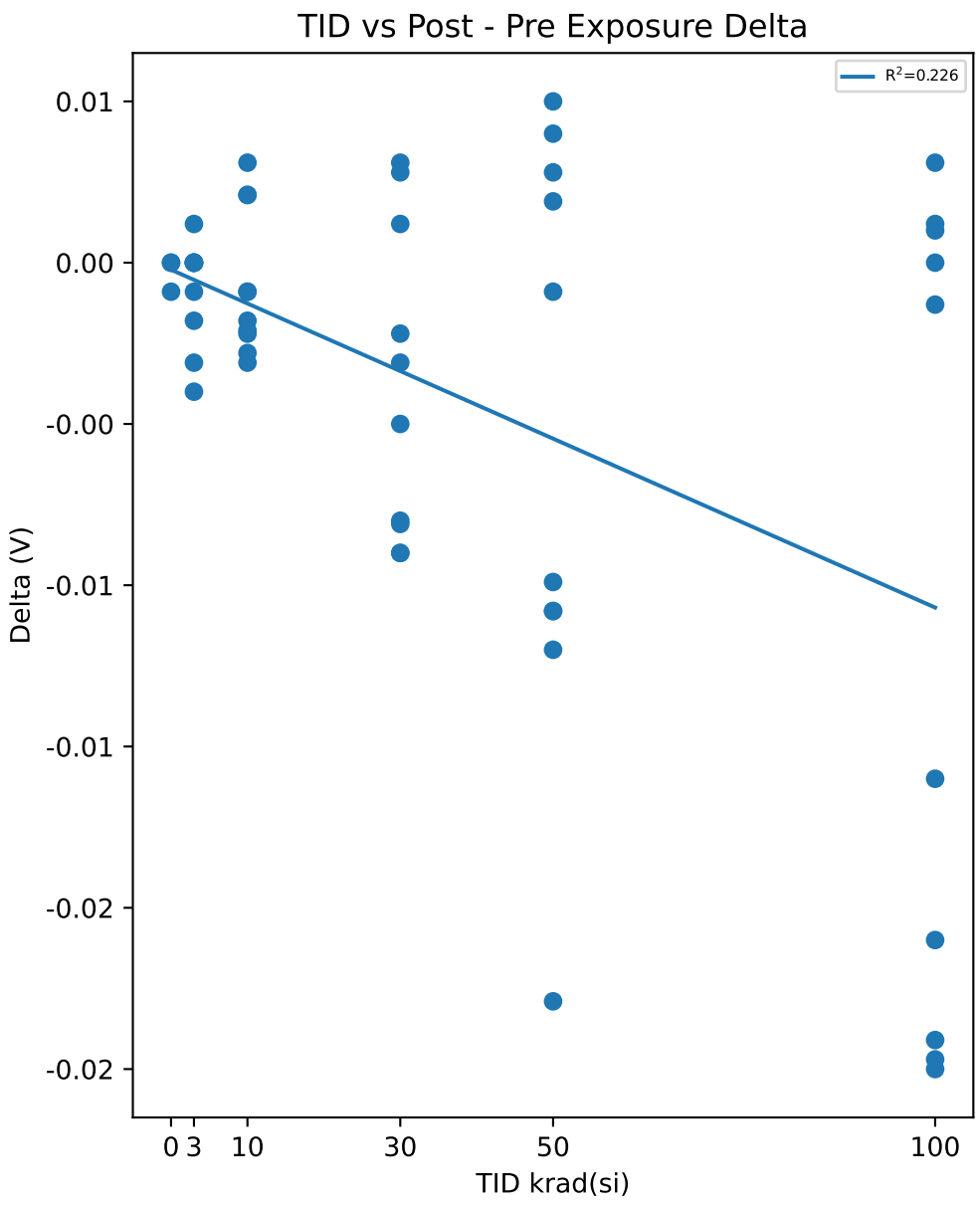
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.781	3.7801	-0.0009
2	3	HDR BIAS	3.7801	3.7789	-0.0012
3	3	HDR BIAS	3.773	3.7721	-0.0009
4	3	HDR BIAS	3.7631	3.7609	-0.0022
5	3	HDR BIAS	3.7671	3.7671	0
6	3	HDR UNBIAS	3.7801	3.7801	0
7	3	HDR UNBIAS	3.7841	3.7841	0
8	3	HDR UNBIAS	3.76	3.7609	0.0009
9	3	HDR UNBIAS	3.7721	3.769	-0.0031
10	3	HDR UNBIAS	3.747	3.7461	-0.0009
11	10	HDR BIAS	3.764	3.7619	-0.0021
12	10	HDR BIAS	3.7779	3.7789	0.001
13	10	HDR BIAS	3.7489	3.747	-0.0019
14	10	HDR BIAS	3.7739	3.7721	-0.0018
15	10	HDR BIAS	3.7851	3.782	-0.0031
16	10	HDR UNBIAS	3.7551	3.7578	0.0027
17	10	HDR UNBIAS	3.7748	3.7739	-0.0009
18	10	HDR UNBIAS	3.769	3.7699	0.0009
19	10	HDR UNBIAS	3.7891	3.7851	-0.004
20	10	HDR UNBIAS	3.7659	3.768	0.0021
31	30	HDR BIAS	3.7841	3.7789	-0.0052
32	30	HDR BIAS	3.777	3.768	-0.009
33	30	HDR BIAS	3.7609	3.751	-0.0099
34	30	HDR BIAS	3.777	3.769	-0.008
35	30	HDR BIAS	3.7578	3.748	-0.0098
36	30	HDR UNBIAS	3.7659	3.7659	0
37	30	HDR UNBIAS	3.756	3.7529	-0.0031
38	30	HDR UNBIAS	3.7761	3.7739	-0.0022
39	30	HDR UNBIAS	3.7739	3.7761	0.0022
40	30	HDR UNBIAS	3.7748	3.777	0.0022
41	50	HDR BIAS	3.7789	3.768	-0.0109
42	50	HDR BIAS	3.7609	3.7501	-0.0108
43	50	HDR BIAS	3.7711	3.76	-0.0111
44	50	HDR BIAS	3.7748	3.7501	-0.0247
45	50	HDR BIAS	3.7721	3.7609	-0.0112
46	50	HDR UNBIAS	3.7789	3.7829	0.004
47	50	HDR UNBIAS	3.7721	3.7711	-0.001
48	50	HDR UNBIAS	3.773	3.7779	0.0049
49	50	HDR UNBIAS	3.7841	3.7891	0.005
50	50	HDR UNBIAS	3.769	3.7711	0.0021
51	100	HDR BIAS	3.7801	3.752	-0.0281
52	100	HDR BIAS	3.769	3.7461	-0.0229
53	100	HDR BIAS	3.7739	3.748	-0.0259
54	100	HDR BIAS	3.7659	3.7489	-0.017
55	100	HDR BIAS	3.7578	3.7331	-0.0247
56	100	HDR UNBIAS	3.7659	3.7671	0.0012
57	100	HDR UNBIAS	3.764	3.76	-0.004
58	100	HDR UNBIAS	3.7529	3.756	0.0031
59	100	HDR UNBIAS	3.7881	3.7891	0.001
60	100	HDR UNBIAS	3.7739	3.773	-0.0009
71	0	CORRELATION	3.777	3.777	0
72	0	CORRELATION	3.7699	3.769	-0.0009
73	0	CORRELATION	3.7748	3.7748	0

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	3.7699	3.7739	3.777	0.0036346	3.769	3.7736	3.777	0.0041328	-0.0009	-0.0003	0	0.00051962
3	3.747	3.7708	3.7841	0.011626	3.7461	3.7699	3.7841	0.011703	-0.0031	-0.00083	0.0009	0.0011662
10	3.7489	3.7704	3.7891	0.012531	3.747	3.7697	3.7851	0.011629	-0.004	-0.00071	0.0027	0.0022644
30	3.756	3.7703	3.7841	0.009519	3.748	3.7661	3.7789	0.011477	-0.0099	-0.00428	0.0022	0.0047962
50	3.7609	3.7735	3.7841	0.006336	3.7501	3.7681	3.7891	0.013079	-0.0247	-0.00537	0.005	0.0098671
100	3.7529	3.7691	3.7881	0.010353	3.7331	3.7573	3.7891	0.015843	-0.0281	-0.01182	0.0031	0.012977

Device Test: 17.11 UVLO|PVIN_FALL/PVIN/4.5/4.5/0/1000/4.5/500kHz//@PVIN_UVLO_FALL





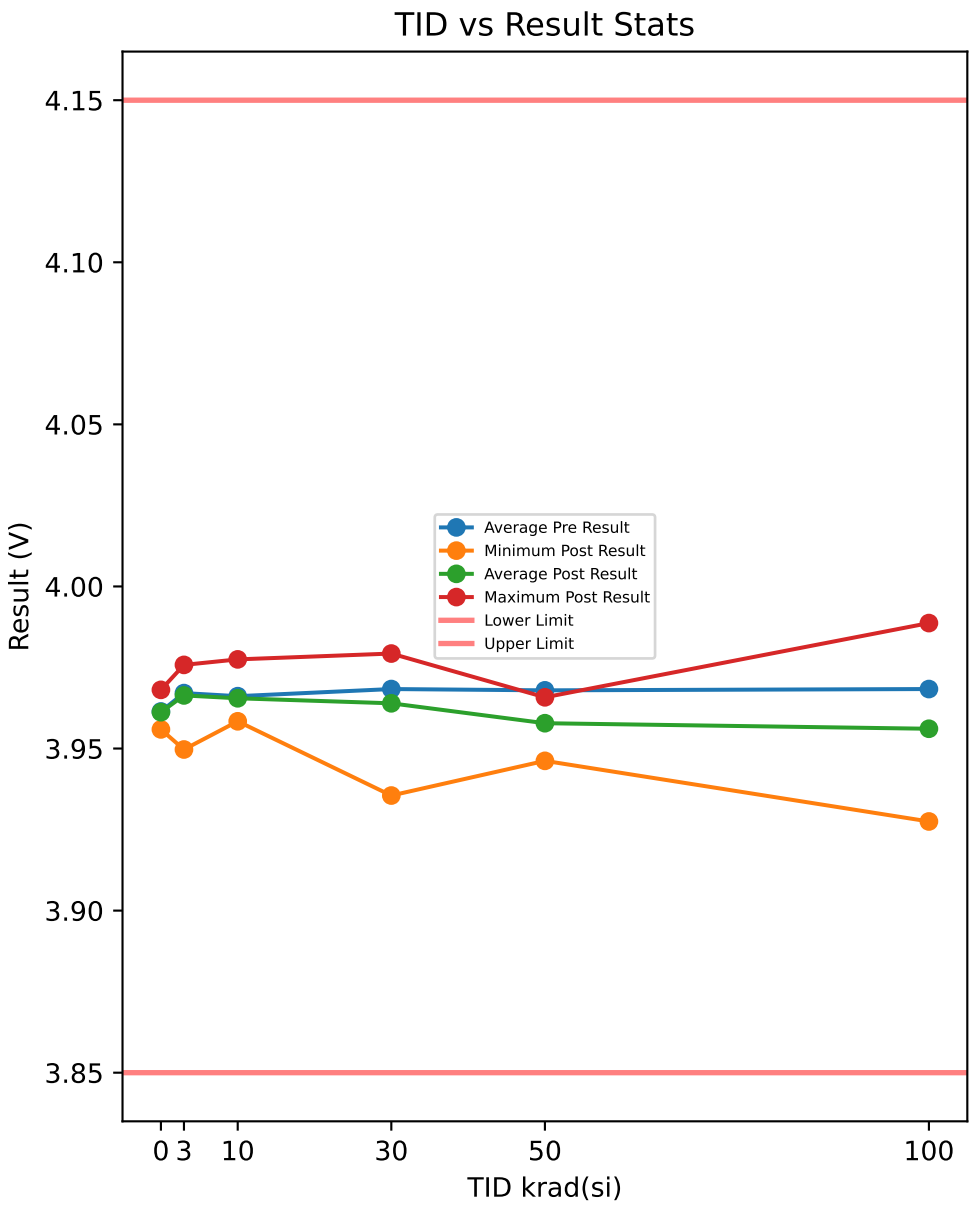
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

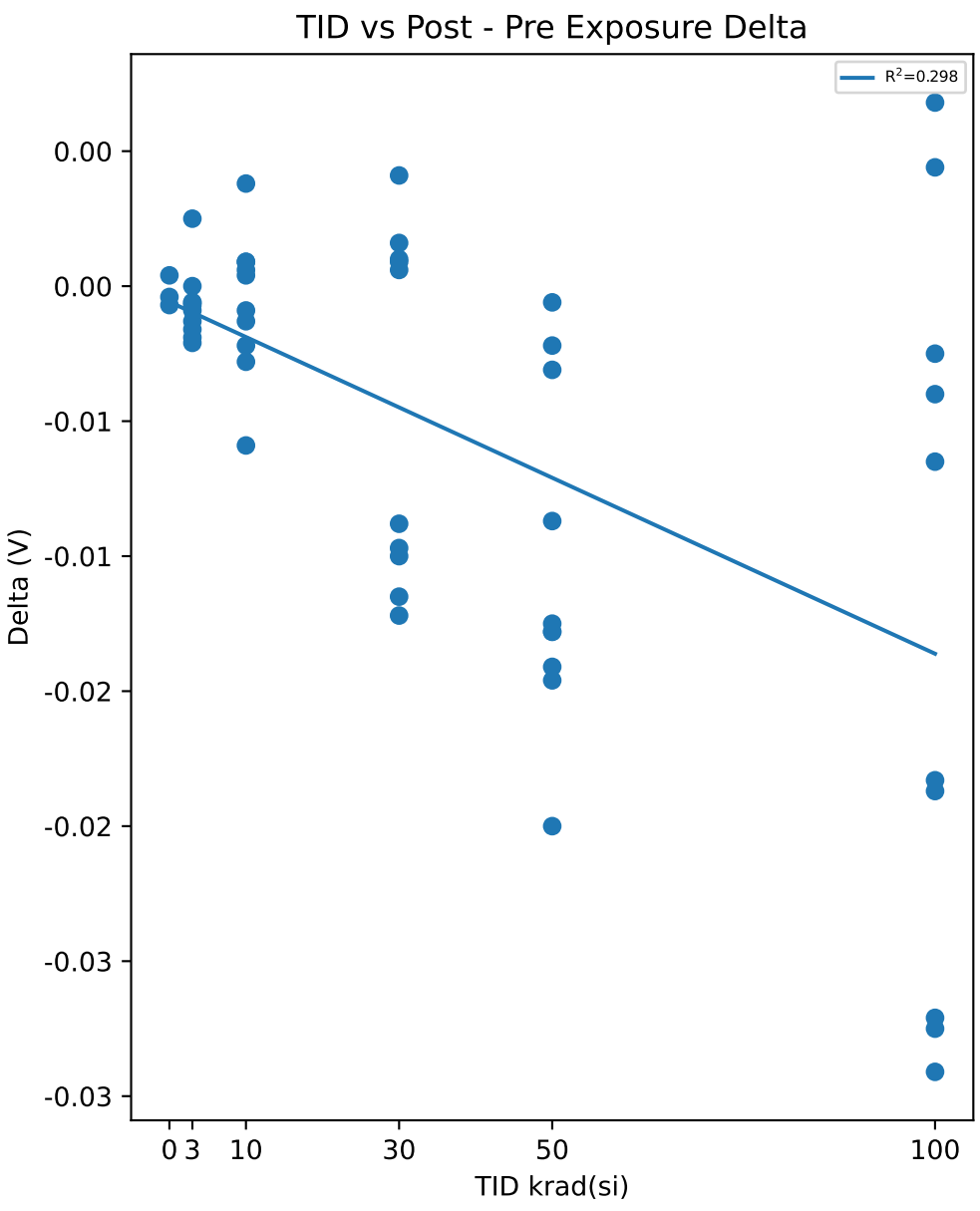
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.5788	3.577	-0.0018
2	3	HDR BIAS	3.5788	3.5788	0
3	3	HDR BIAS	3.572	3.572	0
4	3	HDR BIAS	3.5631	3.56	-0.0031
5	3	HDR BIAS	3.5671	3.5671	0
6	3	HDR UNBIAS	3.581	3.5801	-0.0009
7	3	HDR UNBIAS	3.5829	3.5841	0.0012
8	3	HDR UNBIAS	3.5609	3.5609	0
9	3	HDR UNBIAS	3.572	3.568	-0.004
10	3	HDR UNBIAS	3.5479	3.5479	0
11	10	HDR BIAS	3.564	3.5618	-0.0022
12	10	HDR BIAS	3.5788	3.577	-0.0018
13	10	HDR BIAS	3.5479	3.547	-0.0009
14	10	HDR BIAS	3.5739	3.5711	-0.0028
15	10	HDR BIAS	3.5819	3.5788	-0.0031
16	10	HDR UNBIAS	3.556	3.5581	0.0021
17	10	HDR UNBIAS	3.5739	3.573	-0.0009
18	10	HDR UNBIAS	3.568	3.5711	0.0031
19	10	HDR UNBIAS	3.5881	3.586	-0.0021
20	10	HDR UNBIAS	3.5659	3.568	0.0021
31	30	HDR BIAS	3.5829	3.5779	-0.005
32	30	HDR BIAS	3.577	3.568	-0.009
33	30	HDR BIAS	3.56	3.551	-0.009
34	30	HDR BIAS	3.5751	3.5671	-0.008
35	30	HDR BIAS	3.5591	3.551	-0.0081
36	30	HDR UNBIAS	3.5659	3.5671	0.0012
37	30	HDR UNBIAS	3.556	3.5529	-0.0031
38	30	HDR UNBIAS	3.5761	3.5739	-0.0022
39	30	HDR UNBIAS	3.573	3.5761	0.0031
40	30	HDR UNBIAS	3.5751	3.5779	0.0028
41	50	HDR BIAS	3.5779	3.5671	-0.0108
42	50	HDR BIAS	3.5609	3.5501	-0.0108
43	50	HDR BIAS	3.5699	3.56	-0.0099
44	50	HDR BIAS	3.5739	3.551	-0.0229
45	50	HDR BIAS	3.572	3.56	-0.012
46	50	HDR UNBIAS	3.577	3.581	0.004
47	50	HDR UNBIAS	3.572	3.5711	-0.0009
48	50	HDR UNBIAS	3.572	3.577	0.005
49	50	HDR UNBIAS	3.5841	3.5869	0.0028
50	50	HDR UNBIAS	3.568	3.5699	0.0019
51	100	HDR BIAS	3.5788	3.5541	-0.0247
52	100	HDR BIAS	3.5671	3.5461	-0.021
53	100	HDR BIAS	3.5751	3.551	-0.0241
54	100	HDR BIAS	3.5649	3.5489	-0.016
55	100	HDR BIAS	3.5581	3.5331	-0.025
56	100	HDR UNBIAS	3.5659	3.5671	0.0012
57	100	HDR UNBIAS	3.5631	3.5618	-0.0013
58	100	HDR UNBIAS	3.555	3.5581	0.0031
59	100	HDR UNBIAS	3.5881	3.5881	0
60	100	HDR UNBIAS	3.572	3.573	0.001
71	0	CORRELATION	3.577	3.577	0
72	0	CORRELATION	3.5699	3.569	-0.0009
73	0	CORRELATION	3.5739	3.5739	0

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	3.5699	3.5736	3.577	0.0035595	3.569	3.5733	3.577	0.0040336	-0.0009	-0.0003	0	0.00051962
3	3.5479	3.5705	3.5829	0.010932	3.5479	3.5696	3.5841	0.011122	-0.004	-0.00086	0.0012	0.0016229
10	3.5479	3.5698	3.5881	0.012102	3.547	3.5692	3.586	0.011201	-0.0031	-0.00065	0.0031	0.002255
30	3.556	3.57	3.5829	0.0090998	3.551	3.5663	3.5779	0.010928	-0.009	-0.00373	0.0031	0.0048399
50	3.5609	3.5728	3.5841	0.006214	3.5501	3.5674	3.5869	0.012271	-0.0229	-0.00536	0.005	0.0092235
100	3.555	3.5688	3.5881	0.0099239	3.5331	3.5581	3.5881	0.015408	-0.025	-0.01068	0.0031	0.01241

Device Test: 17.13 UVLO|VIN_RISE/VIN/4.5/4.5/0/1000/4.5/500kHz//@VIN_UVLO_RISE





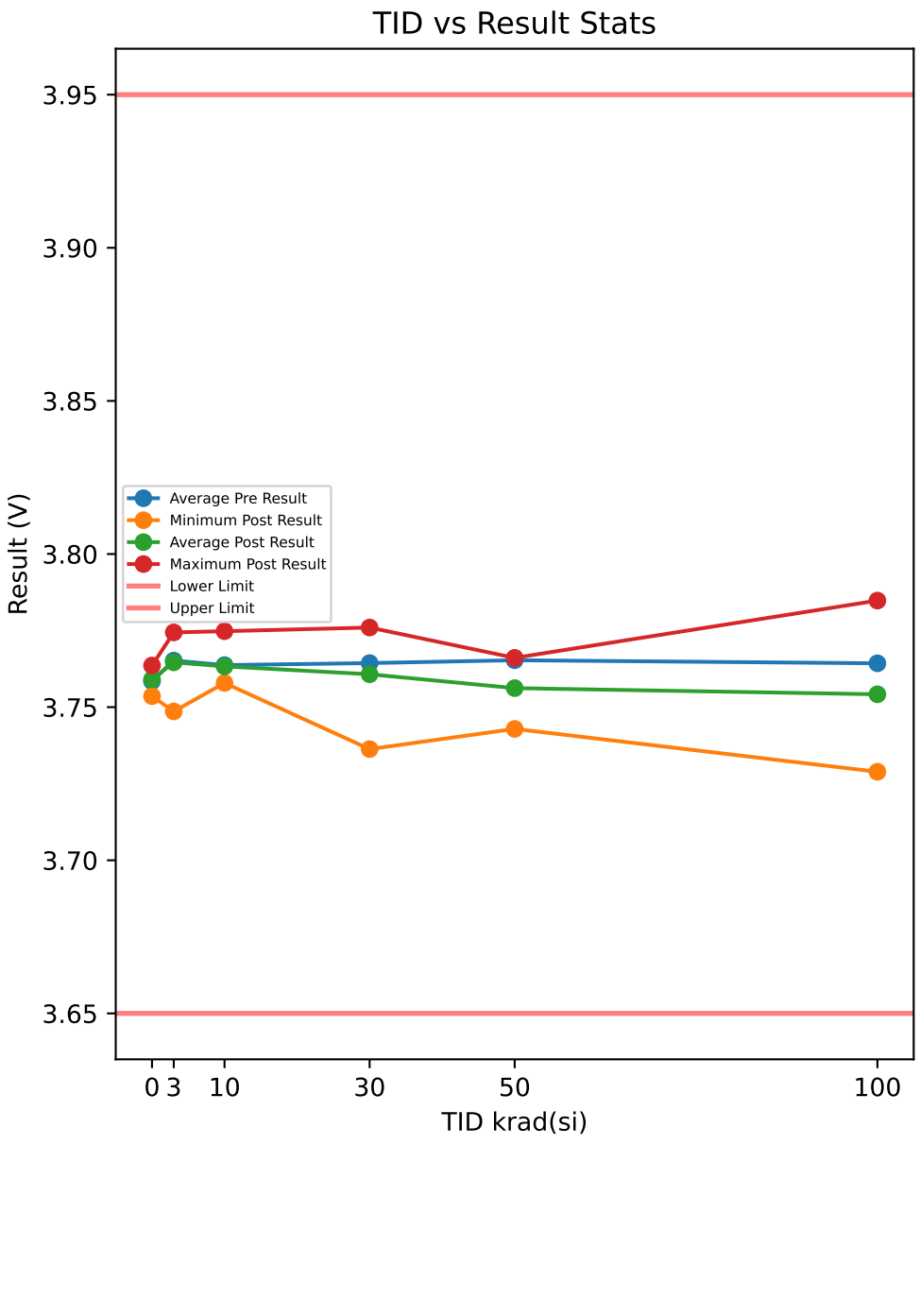
Test Results (Lower Limit = 3.85, Upper Limit = 4.15 (V))

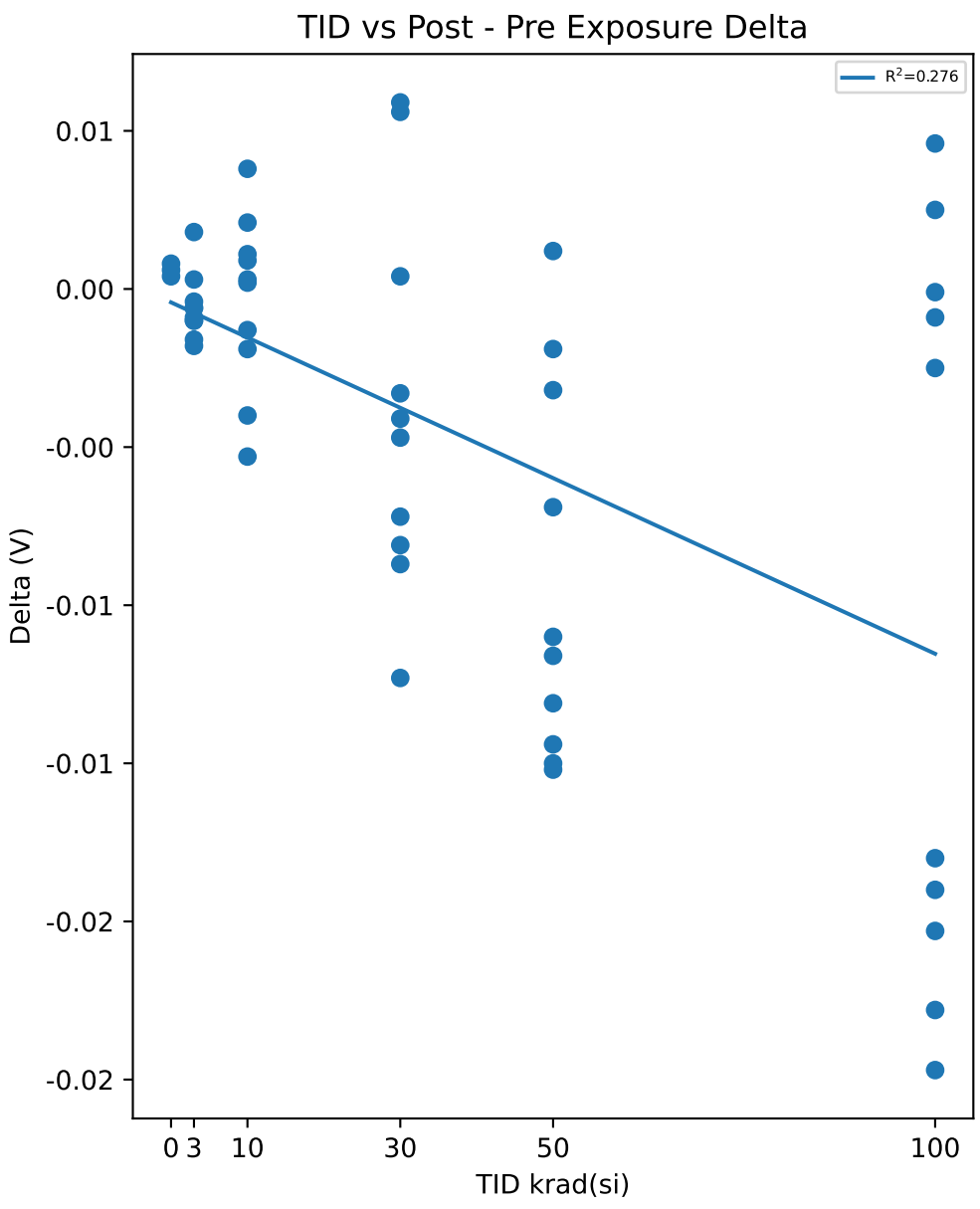
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.9731	3.9722	-0.0009
2	3	HDR BIAS	3.9747	3.9731	-0.0016
3	3	HDR BIAS	3.9777	3.9758	-0.0019
4	3	HDR BIAS	3.9588	3.9582	-0.0006
5	3	HDR BIAS	3.9741	3.9734	-0.0007
6	3	HDR UNBIAS	3.9686	3.9665	-0.0021
7	3	HDR UNBIAS	3.9572	3.9572	0
8	3	HDR UNBIAS	3.9635	3.9622	-0.0013
9	3	HDR UNBIAS	3.9761	3.9755	-0.0006
10	3	HDR UNBIAS	3.9472	3.9497	0.0025
11	10	HDR BIAS	3.9613	3.9622	0.0009
12	10	HDR BIAS	3.9655	3.9627	-0.0028
13	10	HDR BIAS	3.9694	3.9672	-0.0022
14	10	HDR BIAS	3.9597	3.9584	-0.0013
15	10	HDR BIAS	3.972	3.9661	-0.0059
16	10	HDR UNBIAS	3.9606	3.961	0.0004
17	10	HDR UNBIAS	3.97	3.9691	-0.0009
18	10	HDR UNBIAS	3.9645	3.9683	0.0038
19	10	HDR UNBIAS	3.9619	3.9625	0.0006
20	10	HDR UNBIAS	3.9766	3.9775	0.0009
31	30	HDR BIAS	3.9781	3.9666	-0.0115
32	30	HDR BIAS	3.9594	3.9506	-0.0088
33	30	HDR BIAS	3.9477	3.9355	-0.0122
34	30	HDR BIAS	3.9816	3.9716	-0.01
35	30	HDR BIAS	3.9828	3.9731	-0.0097
36	30	HDR UNBIAS	3.968	3.9721	0.0041
37	30	HDR UNBIAS	3.9547	3.9563	0.0016
38	30	HDR UNBIAS	3.9613	3.9622	0.0009
39	30	HDR UNBIAS	3.9783	3.9793	0.001
40	30	HDR UNBIAS	3.9716	3.9722	0.0006
41	50	HDR BIAS	3.9731	3.9644	-0.0087
42	50	HDR BIAS	3.9652	3.9524	-0.0128
43	50	HDR BIAS	3.9619	3.9478	-0.0141
44	50	HDR BIAS	3.9759	3.9559	-0.02
45	50	HDR BIAS	3.9608	3.9462	-0.0146
46	50	HDR UNBIAS	3.9559	3.9553	-0.0006
47	50	HDR UNBIAS	3.9675	3.9644	-0.0031
48	50	HDR UNBIAS	3.9783	3.9658	-0.0125
49	50	HDR UNBIAS	3.9753	3.9625	-0.0128
50	50	HDR UNBIAS	3.9656	3.9634	-0.0022
51	100	HDR BIAS	3.962	3.9437	-0.0183
52	100	HDR BIAS	3.9803	3.9528	-0.0275
53	100	HDR BIAS	3.9566	3.9275	-0.0291
54	100	HDR BIAS	3.9733	3.9546	-0.0187
55	100	HDR BIAS	3.9653	3.9382	-0.0271
56	100	HDR UNBIAS	3.9653	3.9697	0.0044
57	100	HDR UNBIAS	3.9577	3.9537	-0.004
58	100	HDR UNBIAS	3.9591	3.9566	-0.0025
59	100	HDR UNBIAS	3.9819	3.9887	0.0068
60	100	HDR UNBIAS	3.982	3.9755	-0.0065
71	0	CORRELATION	3.9685	3.9681	-0.0004
72	0	CORRELATION	3.9555	3.9559	0.0004
73	0	CORRELATION	3.9603	3.9596	-0.0007

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	3.9555	3.9614	3.9685	0.0065737	3.9559	3.9612	3.9681	0.0062554	-0.0007	-0.00023333	0.0004	0.00056862
3	3.9472	3.9671	3.9777	0.010079	3.9497	3.9664	3.9758	0.0091111	-0.0021	-0.00072	0.0025	0.0013062
10	3.9597	3.9662	3.9766	0.0056366	3.9584	3.9655	3.9775	0.005441	-0.0059	-0.00065	0.0038	0.002632
30	3.9477	3.9684	3.9828	0.012164	3.9355	3.9639	3.9793	0.013202	-0.0122	-0.0044	0.0041	0.0065026
50	3.9559	3.9679	3.9783	0.0074318	3.9462	3.9578	3.9658	0.0072889	-0.02	-0.01014	-0.0006	0.0063088
100	3.9566	3.9684	3.982	0.010183	3.9275	3.9561	3.9887	0.01806	-0.0291	-0.01225	0.0068	0.013546

Device Test: 17.14 UVLO|VIN_FALL/VIN/4.5/4.5/0/1000/4.5/500kHz//@VIN_UVLO_FALL





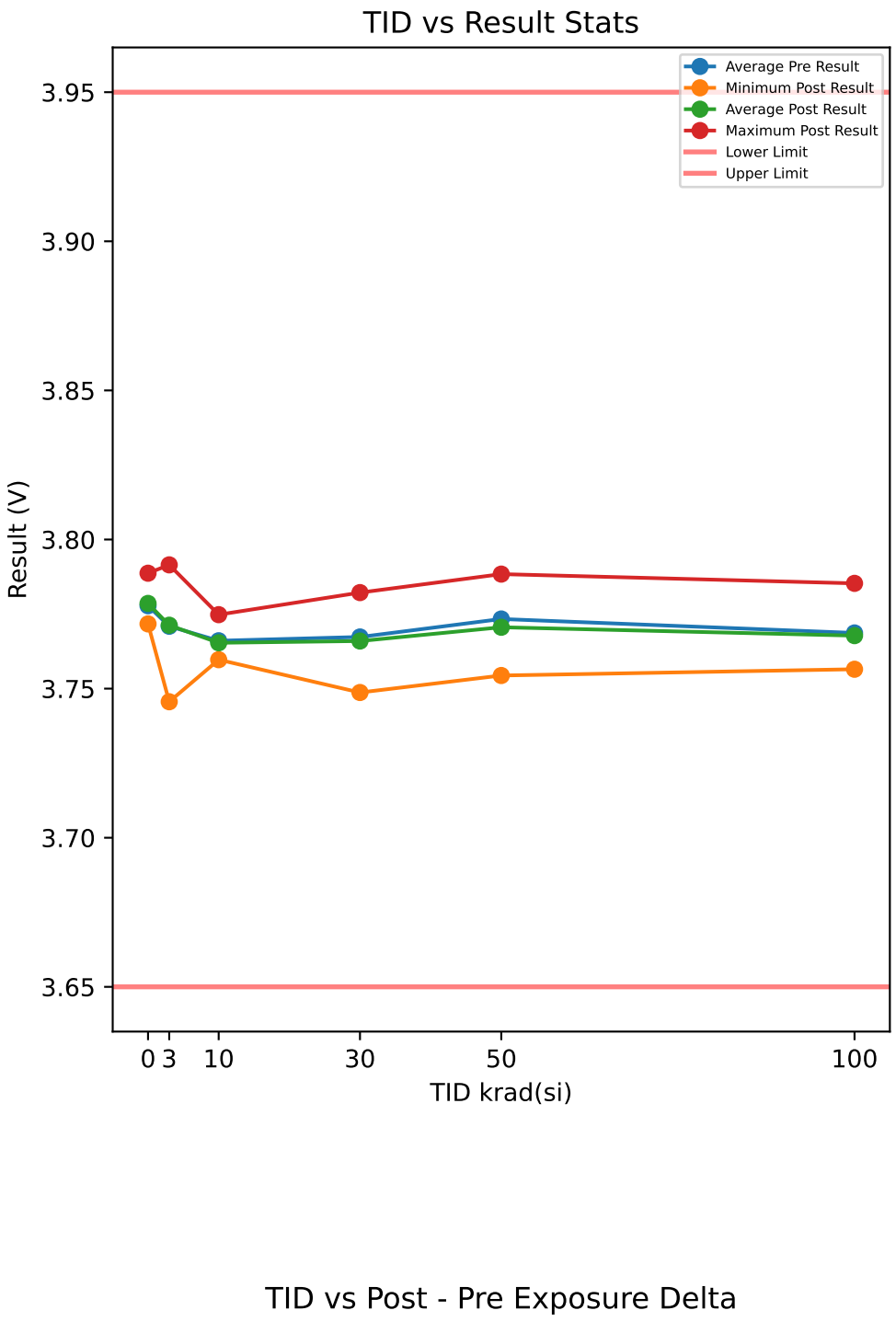
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

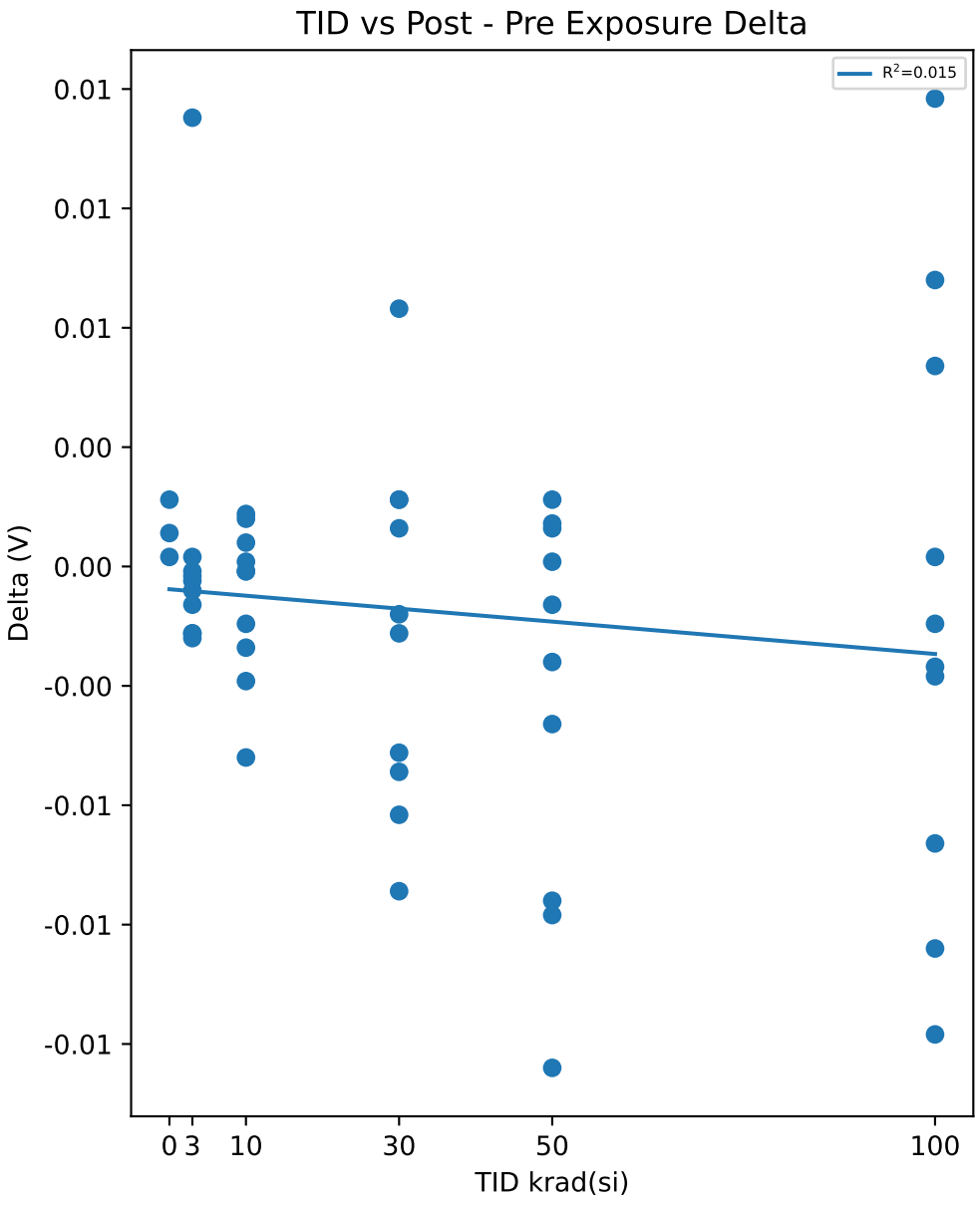
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7692	3.7695	0.0003
2	3	HDR BIAS	3.772	3.7711	-0.0009
3	3	HDR BIAS	3.775	3.7744	-0.0006
4	3	HDR BIAS	3.7577	3.7573	-0.0004
5	3	HDR BIAS	3.7717	3.7701	-0.0016
6	3	HDR UNBIAS	3.7647	3.7641	-0.0006
7	3	HDR UNBIAS	3.7589	3.7579	-0.001
8	3	HDR UNBIAS	3.7602	3.7592	-0.001
9	3	HDR UNBIAS	3.7759	3.7741	-0.0018
10	3	HDR UNBIAS	3.7468	3.7486	0.0018
11	10	HDR BIAS	3.7611	3.762	0.0009
12	10	HDR BIAS	3.7622	3.7582	-0.004
13	10	HDR BIAS	3.7658	3.7645	-0.0013
14	10	HDR BIAS	3.7608	3.7589	-0.0019
15	10	HDR BIAS	3.7666	3.7613	-0.0053
16	10	HDR UNBIAS	3.7577	3.7579	0.0002
17	10	HDR UNBIAS	3.7664	3.7667	0.0003
18	10	HDR UNBIAS	3.7644	3.7682	0.0038
19	10	HDR UNBIAS	3.7596	3.7607	0.0011
20	10	HDR UNBIAS	3.7727	3.7748	0.0021
31	30	HDR BIAS	3.7749	3.7626	-0.0123
32	30	HDR BIAS	3.7558	3.7477	-0.0081
33	30	HDR BIAS	3.745	3.7363	-0.0087
34	30	HDR BIAS	3.7708	3.7661	-0.0047
35	30	HDR BIAS	3.7789	3.7717	-0.0072
36	30	HDR UNBIAS	3.7662	3.7629	-0.0033
37	30	HDR UNBIAS	3.7514	3.7573	0.0059
38	30	HDR UNBIAS	3.7611	3.757	-0.0041
39	30	HDR UNBIAS	3.7756	3.776	0.0004
40	30	HDR UNBIAS	3.7642	3.7698	0.0056
41	50	HDR BIAS	3.7699	3.763	-0.0069
42	50	HDR BIAS	3.7647	3.7497	-0.015
43	50	HDR BIAS	3.7577	3.7461	-0.0116
44	50	HDR BIAS	3.7699	3.7555	-0.0144
45	50	HDR BIAS	3.7581	3.7429	-0.0152
46	50	HDR UNBIAS	3.7558	3.7526	-0.0032
47	50	HDR UNBIAS	3.768	3.7661	-0.0019
48	50	HDR UNBIAS	3.7772	3.7641	-0.0131
49	50	HDR UNBIAS	3.7708	3.7598	-0.011
50	50	HDR UNBIAS	3.7611	3.7623	0.0012
51	100	HDR BIAS	3.7609	3.7429	-0.018
52	100	HDR BIAS	3.7714	3.7467	-0.0247
53	100	HDR BIAS	3.7517	3.7289	-0.0228
54	100	HDR BIAS	3.7697	3.7507	-0.019
55	100	HDR BIAS	3.7589	3.7386	-0.0203
56	100	HDR UNBIAS	3.7645	3.767	0.0025
57	100	HDR UNBIAS	3.7519	3.751	-0.0009
58	100	HDR UNBIAS	3.7568	3.7567	-0.0001
59	100	HDR UNBIAS	3.7802	3.7848	0.0046
60	100	HDR UNBIAS	3.7772	3.7747	-0.0025
71	0	CORRELATION	3.763	3.7636	0.0006
72	0	CORRELATION	3.7528	3.7536	0.0008
73	0	CORRELATION	3.7596	3.76	0.0004

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	3.7528	3.7585	3.763	0.0051936	3.7536	3.7591	3.7636	0.0050649	0.0004	0.0006	0.0008	0.0002
3	3.7468	3.7652	3.7759	0.0092782	3.7486	3.7646	3.7744	0.0086048	-0.0018	-0.00058	0.0018	0.001025
10	3.7577	3.7637	3.7727	0.0043694	3.7579	3.7633	3.7748	0.0053358	-0.0053	-0.00041	0.0038	0.002763
30	3.745	3.7644	3.7789	0.011157	3.7363	3.7607	3.776	0.011856	-0.0123	-0.00365	0.0059	0.0060307
50	3.7558	3.7653	3.7772	0.0069866	3.7429	3.7562	3.7661	0.0081064	-0.0152	-0.00911	0.0012	0.0059958
100	3.7517	3.7643	3.7802	0.010046	3.7289	3.7542	3.7848	0.017051	-0.0247	-0.01012	0.0046	0.011725

Device Test: 17.16 UVLO|VLDO_RISE/VLDO/4.5/4.5/0/1000/4.5/500kHz//@VLDO_UVLO_RISE





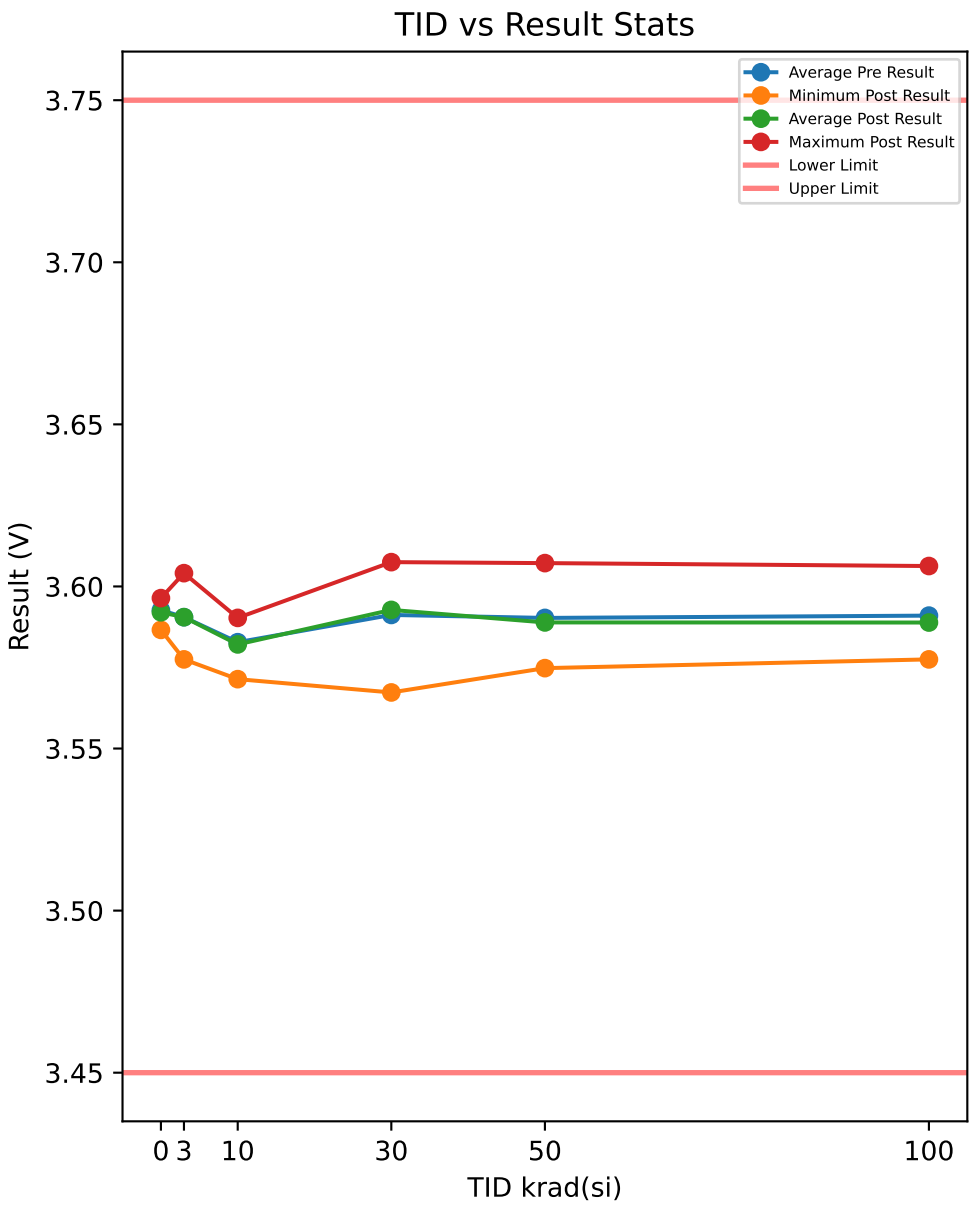
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

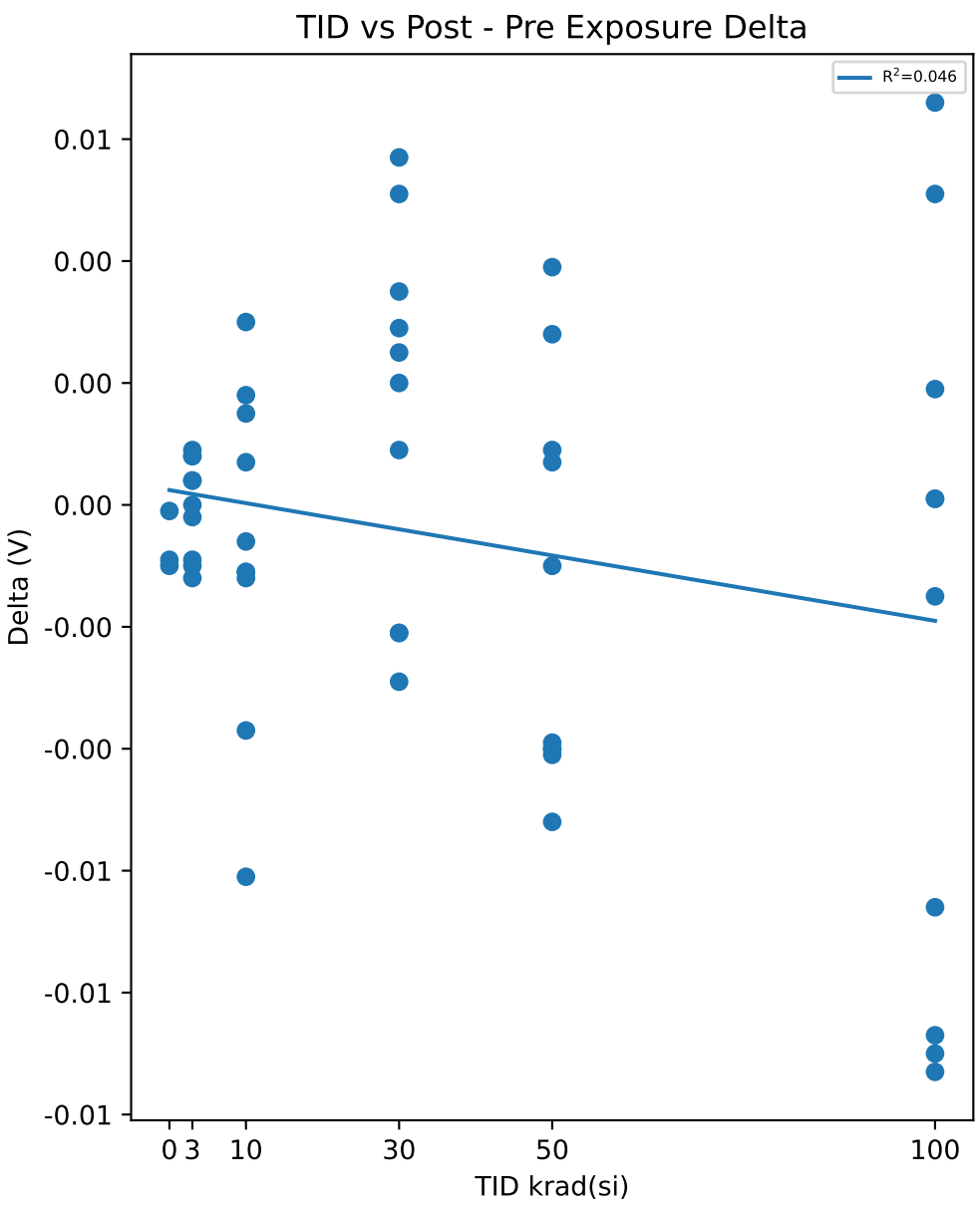
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7917	3.7915	-0.0002
2	3	HDR BIAS	3.7609	3.7611	0.0002
3	3	HDR BIAS	3.769	3.7687	-0.0003
4	3	HDR BIAS	3.7826	3.7812	-0.0014
5	3	HDR BIAS	3.7693	3.7679	-0.0014
6	3	HDR UNBIAS	3.7718	3.7812	0.0094
7	3	HDR UNBIAS	3.7708	3.7703	-0.0005
8	3	HDR UNBIAS	3.7709	3.7708	-0.0001
9	3	HDR UNBIAS	3.7758	3.7743	-0.0015
10	3	HDR UNBIAS	3.7464	3.7456	-0.0008
11	10	HDR BIAS	3.7618	3.7601	-0.0017
12	10	HDR BIAS	3.7637	3.7597	-0.004
13	10	HDR BIAS	3.7698	3.7703	0.0005
14	10	HDR BIAS	3.7587	3.7598	0.0011
15	10	HDR BIAS	3.763	3.7618	-0.0012
16	10	HDR UNBIAS	3.7617	3.7618	0.0001
17	10	HDR UNBIAS	3.7749	3.7748	-0.0001
18	10	HDR UNBIAS	3.7615	3.7625	0.001
19	10	HDR UNBIAS	3.7708	3.7684	-0.0024
20	10	HDR UNBIAS	3.7746	3.7745	-0.0001
31	30	HDR BIAS	3.7814	3.7822	0.0008
32	30	HDR BIAS	3.7678	3.7664	-0.0014
33	30	HDR BIAS	3.753	3.7487	-0.0043
34	30	HDR BIAS	3.7658	3.7672	0.0014
35	30	HDR BIAS	3.7718	3.7708	-0.001
36	30	HDR UNBIAS	3.7608	3.7622	0.0014
37	30	HDR UNBIAS	3.757	3.7518	-0.0052
38	30	HDR UNBIAS	3.7643	3.7604	-0.0039
39	30	HDR UNBIAS	3.7677	3.7731	0.0054
40	30	HDR UNBIAS	3.7836	3.7768	-0.0068
41	50	HDR BIAS	3.7756	3.7686	-0.007
42	50	HDR BIAS	3.753	3.7544	0.0014
43	50	HDR BIAS	3.7739	3.7634	-0.0105
44	50	HDR BIAS	3.7749	3.7729	-0.002
45	50	HDR BIAS	3.7727	3.7728	0.0001
46	50	HDR UNBIAS	3.7667	3.7634	-0.0033
47	50	HDR UNBIAS	3.7846	3.7855	0.0009
48	50	HDR UNBIAS	3.7655	3.7647	-0.0008
49	50	HDR UNBIAS	3.7876	3.7884	0.0008
50	50	HDR UNBIAS	3.779	3.7717	-0.0073
51	100	HDR BIAS	3.7865	3.7853	-0.0012
52	100	HDR BIAS	3.7717	3.7637	-0.008
53	100	HDR BIAS	3.7718	3.762	-0.0098
54	100	HDR BIAS	3.7608	3.7706	0.0098
55	100	HDR BIAS	3.7658	3.7637	-0.0021
56	100	HDR UNBIAS	3.7659	3.7636	-0.0023
57	100	HDR UNBIAS	3.7505	3.7565	0.006
58	100	HDR UNBIAS	3.7598	3.764	0.0042
59	100	HDR UNBIAS	3.7803	3.7805	0.0002
60	100	HDR UNBIAS	3.7736	3.7678	-0.0058
71	0	CORRELATION	3.7746	3.7753	0.0007
72	0	CORRELATION	3.7715	3.7717	0.0002
73	0	CORRELATION	3.7873	3.7887	0.0014

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	3.7715	3.7778	3.7873	0.008372	3.7717	3.7786	3.7887	0.0089584	0.0002	0.00076667	0.0014	0.00060277
3	3.7464	3.7709	3.7917	0.012022	3.7456	3.7713	3.7915	0.012459	-0.0015	0.00034	0.0094	0.0032394
10	3.7587	3.766	3.7749	0.0059122	3.7597	3.7654	3.7748	0.0060593	-0.004	-0.00068	0.0011	0.0016315
30	3.753	3.7673	3.7836	0.0097139	3.7487	3.766	3.7822	0.010545	-0.0068	-0.00136	0.0054	0.0037292
50	3.753	3.7733	3.7876	0.0099426	3.7544	3.7706	3.7884	0.010302	-0.0105	-0.00277	0.0014	0.0041468
100	3.7505	3.7687	3.7865	0.010452	3.7565	3.7678	3.7853	0.0088343	-0.0098	-0.0009	0.0098	0.0062043

Device Test: 17.17 UVLO|VLDO_FALL/VLDO/4.5/4.5/0/1000/4.5/500kHz//@VLDO_UVLO_FALL





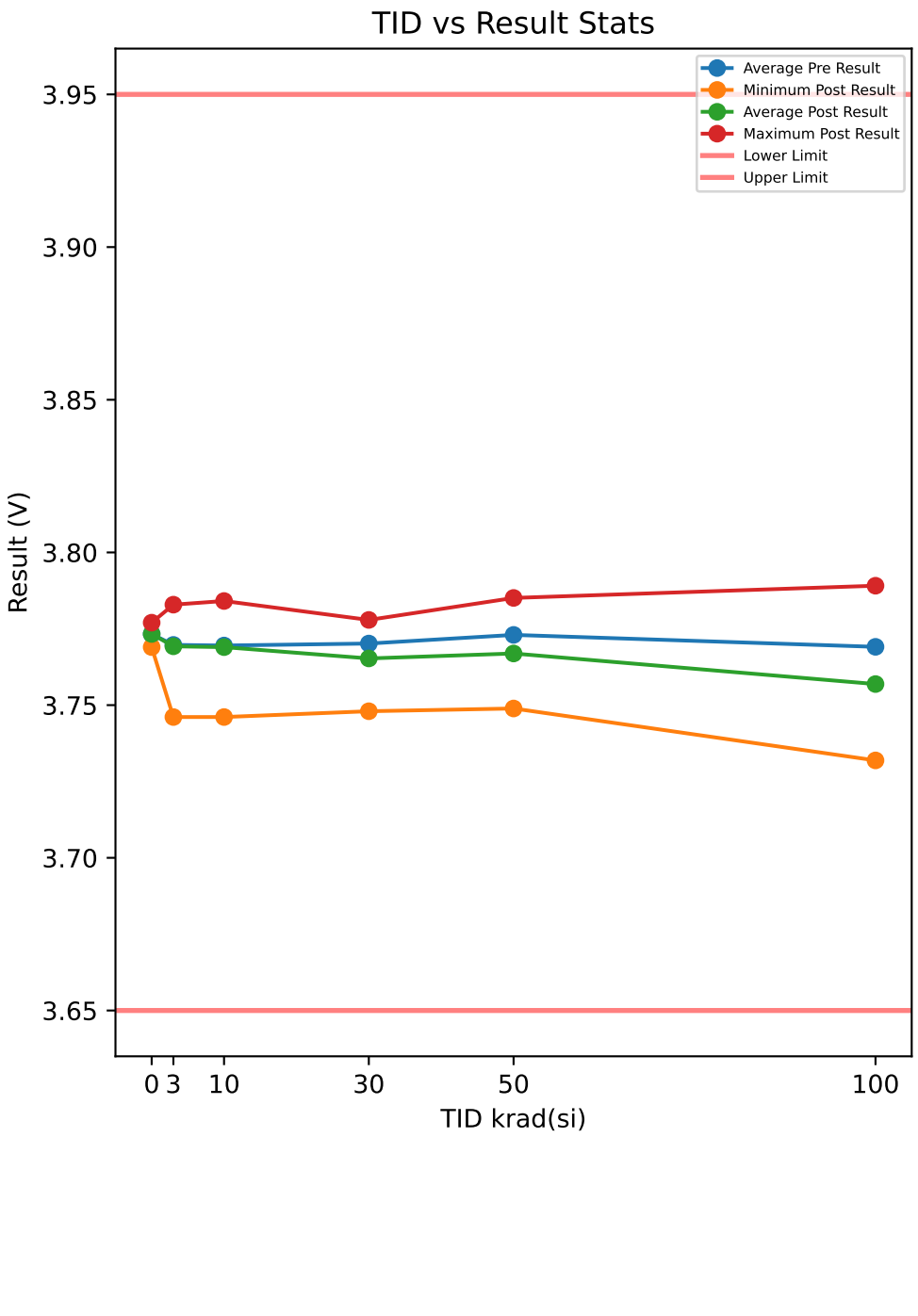
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

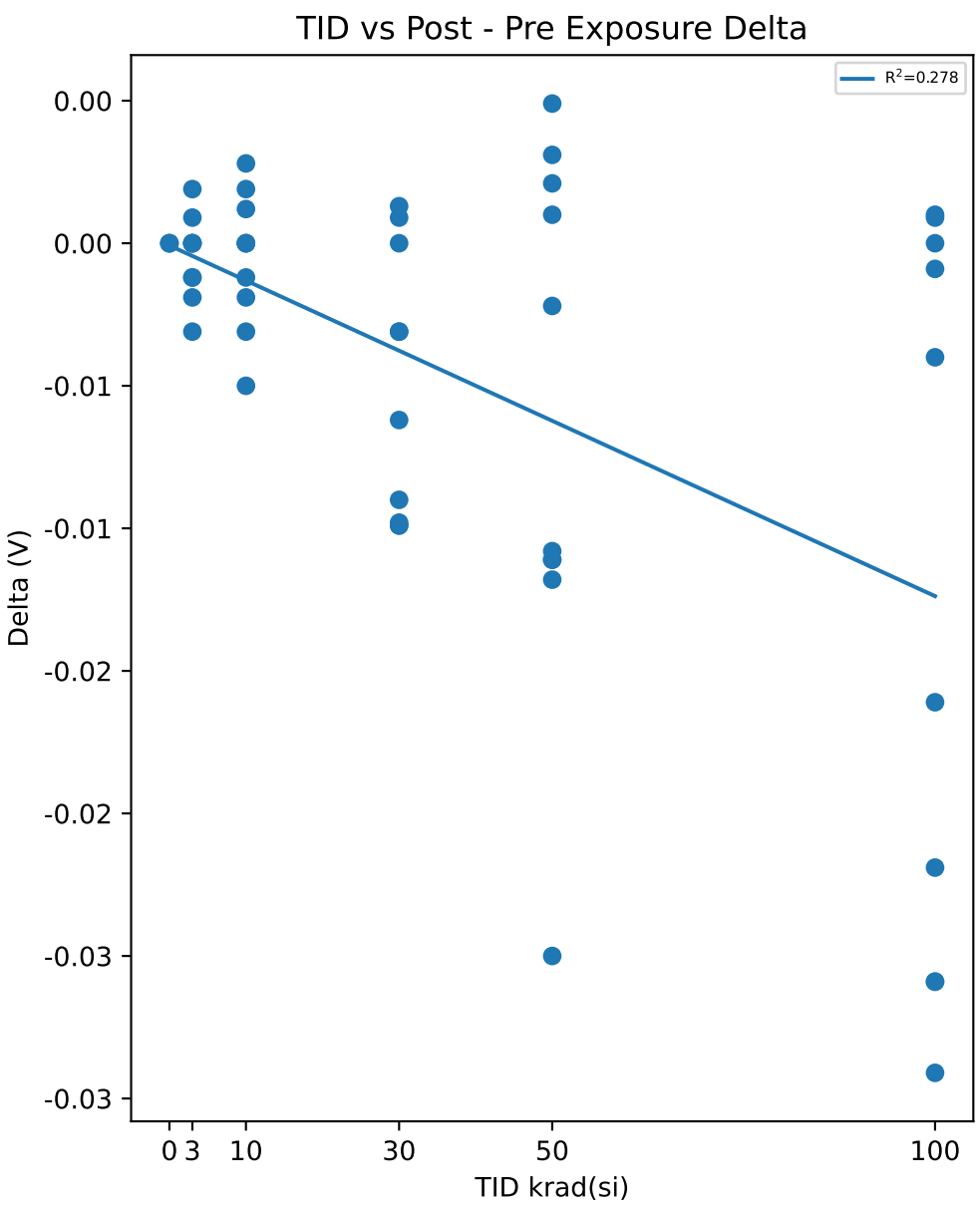
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.6033	3.6041	0.0008
2	3	HDR BIAS	3.5891	3.5891	0
3	3	HDR BIAS	3.5944	3.5935	-0.0009
4	3	HDR BIAS	3.5912	3.5916	0.0004
5	3	HDR BIAS	3.586	3.585	-0.001
6	3	HDR UNBIAS	3.5935	3.5923	-0.0012
7	3	HDR UNBIAS	3.5949	3.5953	0.0004
8	3	HDR UNBIAS	3.5898	3.5907	0.0009
9	3	HDR UNBIAS	3.5853	3.5861	0.0008
10	3	HDR UNBIAS	3.5777	3.5775	-0.0002
11	10	HDR BIAS	3.5819	3.5813	-0.0006
12	10	HDR BIAS	3.581	3.5773	-0.0037
13	10	HDR BIAS	3.5902	3.5891	-0.0011
14	10	HDR BIAS	3.5873	3.5903	0.003
15	10	HDR BIAS	3.5785	3.5773	-0.0012
16	10	HDR UNBIAS	3.5837	3.5844	0.0007
17	10	HDR UNBIAS	3.5829	3.5844	0.0015
18	10	HDR UNBIAS	3.5775	3.5714	-0.0061
19	10	HDR UNBIAS	3.5802	3.5791	-0.0011
20	10	HDR UNBIAS	3.5848	3.5866	0.0018
31	30	HDR BIAS	3.6024	3.6075	0.0051
32	30	HDR BIAS	3.5932	3.5903	-0.0029
33	30	HDR BIAS	3.5694	3.5673	-0.0021
34	30	HDR BIAS	3.5865	3.5894	0.0029
35	30	HDR BIAS	3.5982	3.5991	0.0009
36	30	HDR UNBIAS	3.5903	3.596	0.0057
37	30	HDR UNBIAS	3.5824	3.5844	0.002
38	30	HDR UNBIAS	3.591	3.5935	0.0025
39	30	HDR UNBIAS	3.5925	3.596	0.0035
40	30	HDR UNBIAS	3.6062	3.6041	-0.0021
41	50	HDR BIAS	3.5932	3.5941	0.0009
42	50	HDR BIAS	3.5822	3.5861	0.0039
43	50	HDR BIAS	3.5837	3.5844	0.0007
44	50	HDR BIAS	3.5851	3.5841	-0.001
45	50	HDR BIAS	3.5881	3.5842	-0.0039
46	50	HDR UNBIAS	3.5802	3.5762	-0.004
47	50	HDR UNBIAS	3.6076	3.6035	-0.0041
48	50	HDR UNBIAS	3.5788	3.5748	-0.004
49	50	HDR UNBIAS	3.6124	3.6072	-0.0052
50	50	HDR UNBIAS	3.5916	3.5944	0.0028
51	100	HDR BIAS	3.5994	3.5995	0.0001
52	100	HDR BIAS	3.5902	3.5903	0.0001
53	100	HDR BIAS	3.5841	3.5775	-0.0066
54	100	HDR BIAS	3.5913	3.5823	-0.009
55	100	HDR BIAS	3.594	3.5853	-0.0087
56	100	HDR UNBIAS	3.5997	3.6063	0.0066
57	100	HDR UNBIAS	3.5791	3.5776	-0.0015
58	100	HDR UNBIAS	3.5802	3.5853	0.0051
59	100	HDR UNBIAS	3.6035	3.6054	0.0019
60	100	HDR UNBIAS	3.5885	3.5792	-0.0093
71	0	CORRELATION	3.5941	3.5931	-0.001
72	0	CORRELATION	3.5875	3.5866	-0.0009
73	0	CORRELATION	3.5965	3.5964	-0.0001

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	3.5875	3.5927	3.5965	0.0046605	3.5866	3.592	3.5964	0.0049863	-0.001	-0.00066667	-0.0001	0.00049329
3	3.5777	3.5905	3.6033	0.0068433	3.5775	3.5905	3.6041	0.0070084	-0.0012	0	0.0009	0.00079582
10	3.5775	3.5828	3.5902	0.0039047	3.5714	3.5821	3.5903	0.0059374	-0.0061	-0.00068	0.003	0.0026972
30	3.5694	3.5912	3.6062	0.010439	3.5673	3.5928	3.6075	0.01127	-0.0029	0.00155	0.0057	0.0030446
50	3.5788	3.5903	3.6124	0.011417	3.5748	3.5889	3.6072	0.010743	-0.0052	-0.00139	0.0039	0.0032845
100	3.5791	3.591	3.6035	0.0083289	3.5775	3.5889	3.6063	0.011108	-0.0093	-0.00213	0.0066	0.0059332

Device Test: 17.19 UVLO|PVIN_RISE/PVIN/4.5/4.5/0/1000/4.5/1MHz//@PVIN_UVLO_RISE





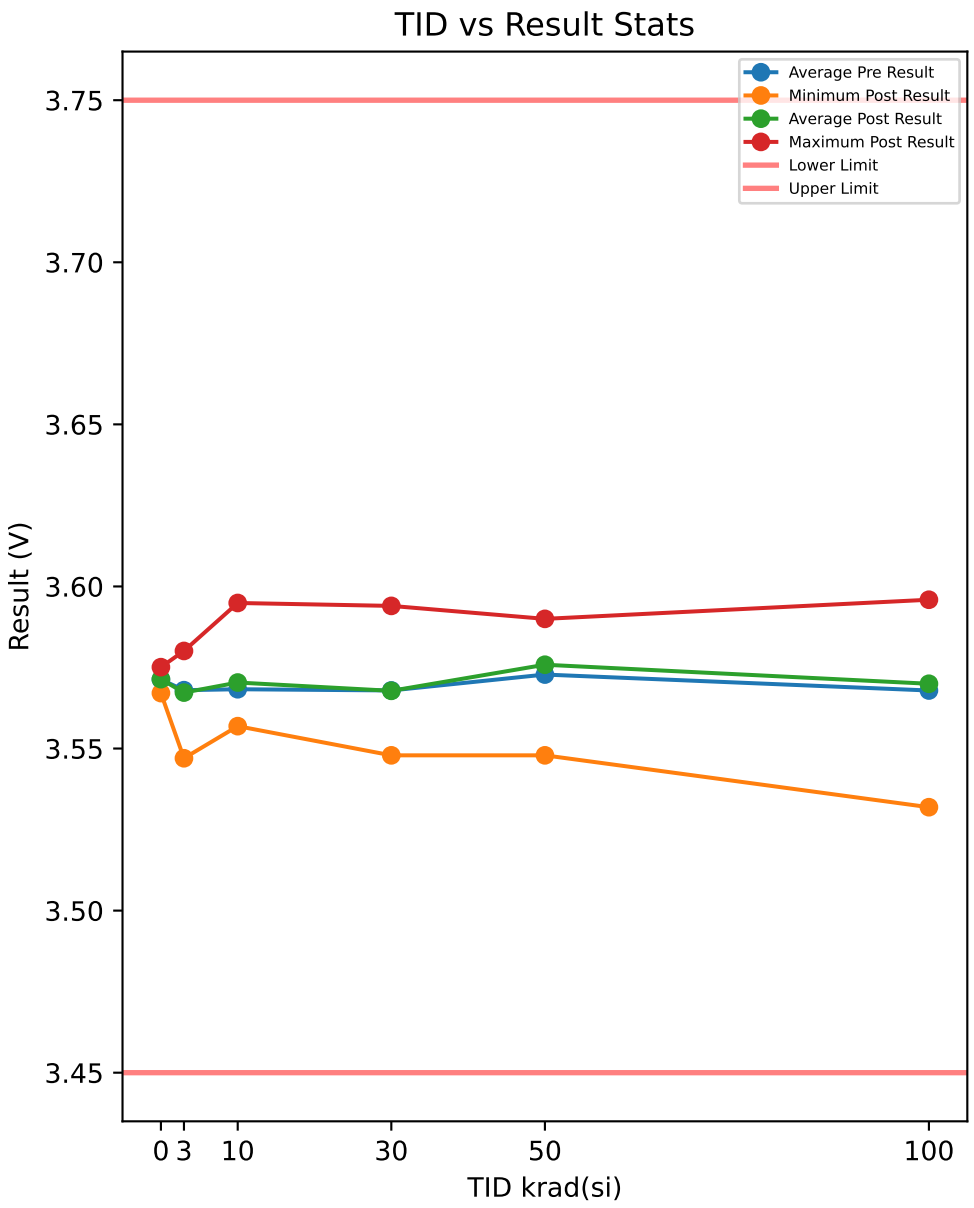
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

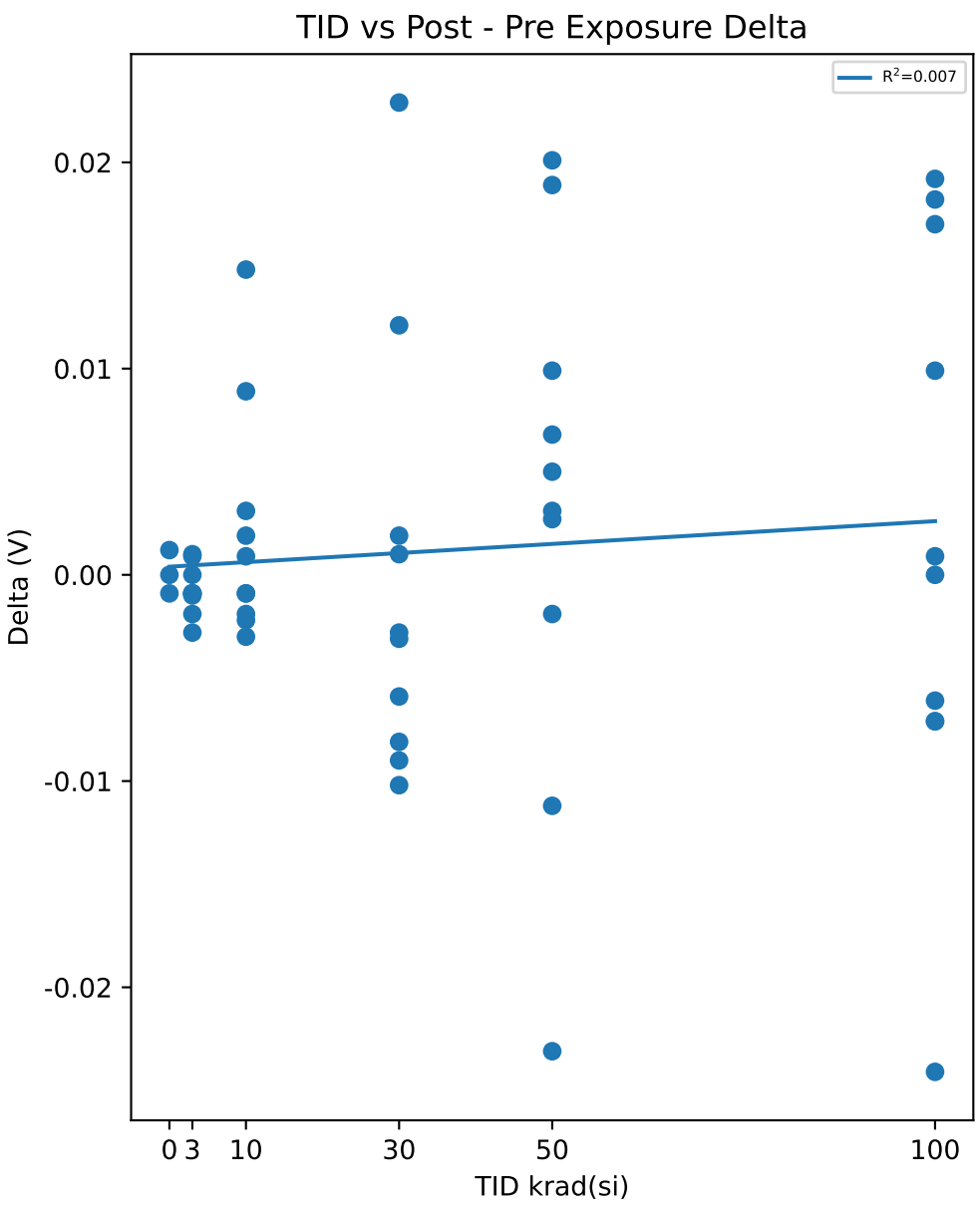
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7801	3.7789	-0.0012
2	3	HDR BIAS	3.7789	3.7789	0
3	3	HDR BIAS	3.7721	3.7721	0
4	3	HDR BIAS	3.7619	3.76	-0.0019
5	3	HDR BIAS	3.764	3.7659	0.0019
6	3	HDR UNBIAS	3.7801	3.7789	-0.0012
7	3	HDR UNBIAS	3.7829	3.7829	0
8	3	HDR UNBIAS	3.76	3.7609	0.0009
9	3	HDR UNBIAS	3.7711	3.768	-0.0031
10	3	HDR UNBIAS	3.7461	3.7461	0
11	10	HDR BIAS	3.7631	3.7619	-0.0012
12	10	HDR BIAS	3.7779	3.7779	0
13	10	HDR BIAS	3.7461	3.7461	0
14	10	HDR BIAS	3.773	3.7711	-0.0019
15	10	HDR BIAS	3.7841	3.781	-0.0031
16	10	HDR UNBIAS	3.7541	3.7569	0.0028
17	10	HDR UNBIAS	3.7739	3.7739	0
18	10	HDR UNBIAS	3.768	3.7699	0.0019
19	10	HDR UNBIAS	3.7891	3.7841	-0.005
20	10	HDR UNBIAS	3.7659	3.7671	0.0012
31	30	HDR BIAS	3.7841	3.7779	-0.0062
32	30	HDR BIAS	3.777	3.7671	-0.0099
33	30	HDR BIAS	3.76	3.7501	-0.0099
34	30	HDR BIAS	3.777	3.768	-0.009
35	30	HDR BIAS	3.7578	3.748	-0.0098
36	30	HDR UNBIAS	3.7659	3.7659	0
37	30	HDR UNBIAS	3.7551	3.752	-0.0031
38	30	HDR UNBIAS	3.7761	3.773	-0.0031
39	30	HDR UNBIAS	3.7739	3.7748	0.0009
40	30	HDR UNBIAS	3.7748	3.7761	0.0013
41	50	HDR BIAS	3.7789	3.7671	-0.0118
42	50	HDR BIAS	3.76	3.7489	-0.0111
43	50	HDR BIAS	3.7699	3.7591	-0.0108
44	50	HDR BIAS	3.7739	3.7489	-0.025
45	50	HDR BIAS	3.7711	3.76	-0.0111
46	50	HDR UNBIAS	3.7789	3.782	0.0031
47	50	HDR UNBIAS	3.7721	3.7699	-0.0022
48	50	HDR UNBIAS	3.7721	3.777	0.0049
49	50	HDR UNBIAS	3.7841	3.7851	0.001
50	50	HDR UNBIAS	3.769	3.7711	0.0021
51	100	HDR BIAS	3.7801	3.751	-0.0291
52	100	HDR BIAS	3.768	3.7461	-0.0219
53	100	HDR BIAS	3.7739	3.748	-0.0259
54	100	HDR BIAS	3.765	3.7489	-0.0161
55	100	HDR BIAS	3.7578	3.7319	-0.0259
56	100	HDR UNBIAS	3.765	3.7659	0.0009
57	100	HDR UNBIAS	3.764	3.76	-0.004
58	100	HDR UNBIAS	3.756	3.7551	-0.0009
59	100	HDR UNBIAS	3.7881	3.7891	0.001
60	100	HDR UNBIAS	3.773	3.773	0
71	0	CORRELATION	3.777	3.777	0
72	0	CORRELATION	3.769	3.769	0
73	0	CORRELATION	3.7739	3.7739	0

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	3.769	3.7733	3.777	0.0040336	3.769	3.7733	3.777	0.0040336	0	0	0	0
3	3.7461	3.7697	3.7829	0.011678	3.7461	3.7693	3.7829	0.01144	-0.0031	-0.00046	0.0019	0.00143
10	3.7461	3.7695	3.7891	0.013083	3.7461	3.769	3.7841	0.011572	-0.005	-0.00053	0.0028	0.0023509
30	3.7551	3.7702	3.7841	0.0097732	3.748	3.7653	3.7779	0.01127	-0.0099	-0.00488	0.0013	0.0046557
50	3.76	3.773	3.7841	0.0066121	3.7489	3.7669	3.7851	0.012668	-0.025	-0.00609	0.0049	0.0094298
100	3.756	3.7691	3.7881	0.0098904	3.7319	3.7569	3.7891	0.016019	-0.0291	-0.01219	0.001	0.012736

Device Test: 17.2 UVLO|PVIN_FALL/PVIN/4.5/4.5/0/1000/4.5/100kHz//@PVIN_UVLO_FALL





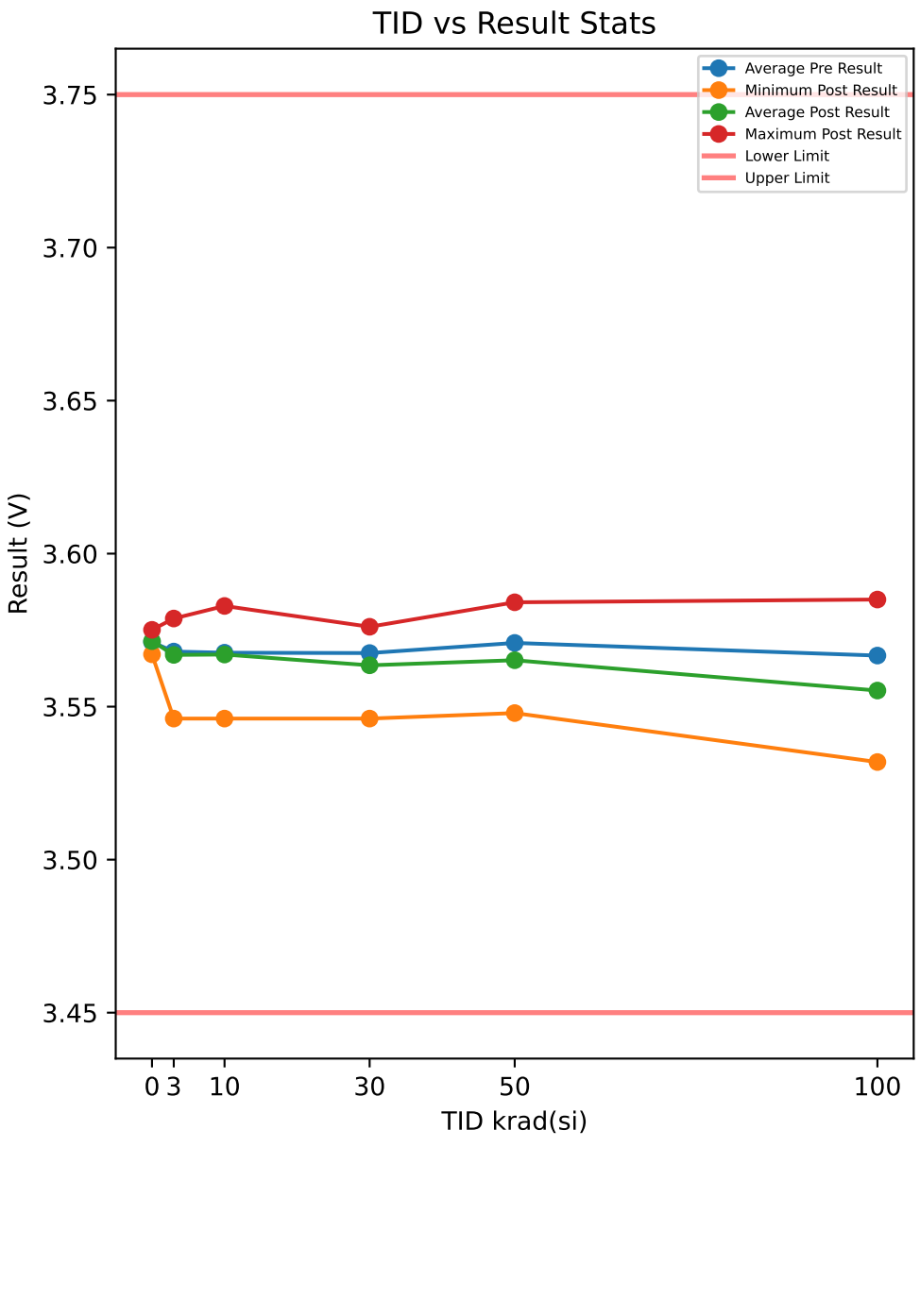
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

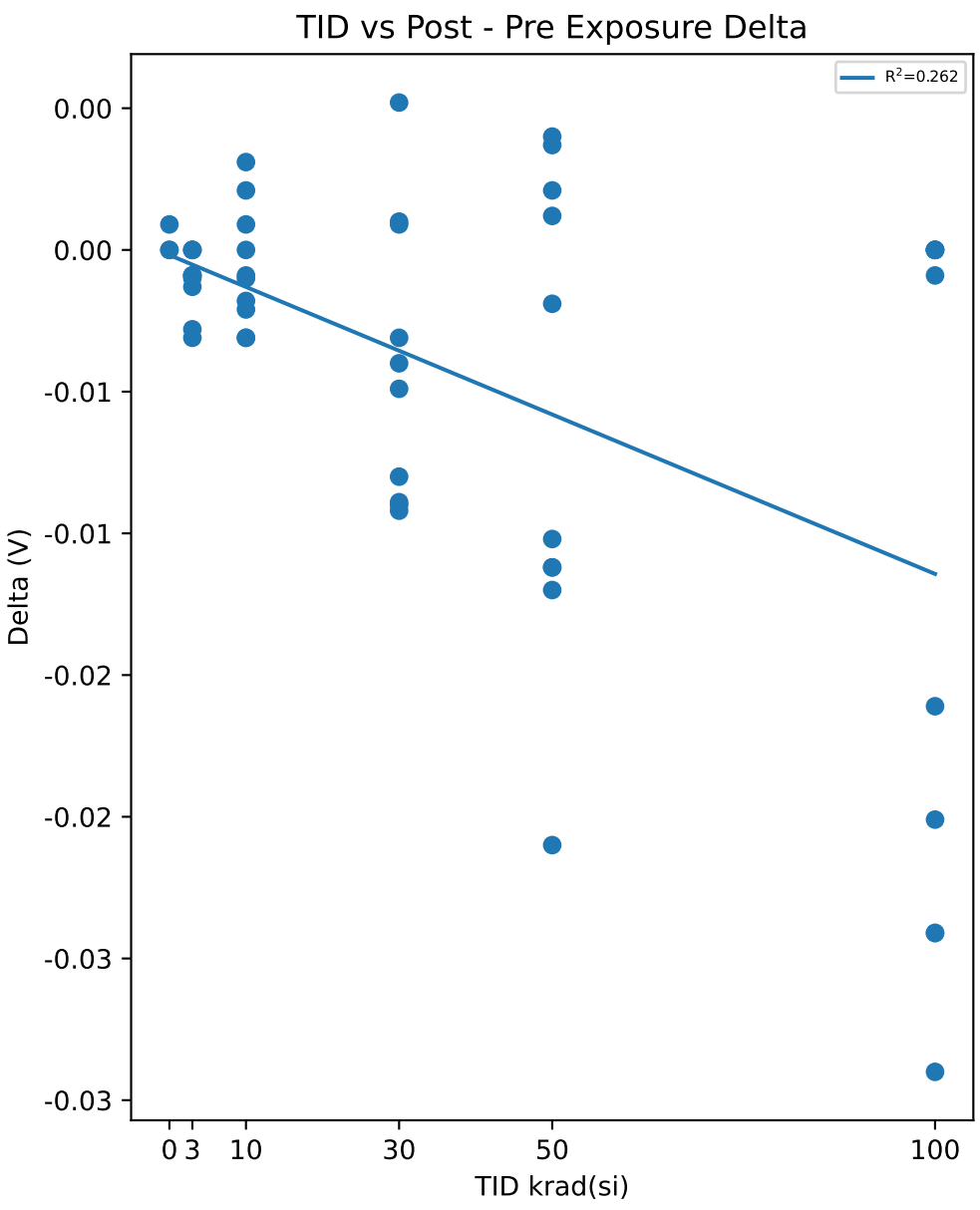
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.5761	3.5751	-0.001
2	3	HDR BIAS	3.577	3.5761	-0.0009
3	3	HDR BIAS	3.5699	3.569	-0.0009
4	3	HDR BIAS	3.5609	3.5581	-0.0028
5	3	HDR BIAS	3.564	3.5631	-0.0009
6	3	HDR UNBIAS	3.5779	3.5779	0
7	3	HDR UNBIAS	3.581	3.5801	-0.0009
8	3	HDR UNBIAS	3.5581	3.5591	0.001
9	3	HDR UNBIAS	3.569	3.5671	-0.0019
10	3	HDR UNBIAS	3.5461	3.547	0.0009
11	10	HDR BIAS	3.5618	3.5609	-0.0009
12	10	HDR BIAS	3.577	3.5751	-0.0019
13	10	HDR BIAS	3.547	3.5618	0.0148
14	10	HDR BIAS	3.572	3.569	-0.003
15	10	HDR BIAS	3.581	3.5788	-0.0022
16	10	HDR UNBIAS	3.555	3.5569	0.0019
17	10	HDR UNBIAS	3.572	3.5711	-0.0009
18	10	HDR UNBIAS	3.5671	3.568	0.0009
19	10	HDR UNBIAS	3.586	3.5949	0.0089
20	10	HDR UNBIAS	3.564	3.5671	0.0031
31	30	HDR BIAS	3.581	3.5751	-0.0059
32	30	HDR BIAS	3.5751	3.5649	-0.0102
33	30	HDR BIAS	3.5591	3.551	-0.0081
34	30	HDR BIAS	3.572	3.5841	0.0121
35	30	HDR BIAS	3.5569	3.5479	-0.009
36	30	HDR UNBIAS	3.564	3.5659	0.0019
37	30	HDR UNBIAS	3.5541	3.551	-0.0031
38	30	HDR UNBIAS	3.5739	3.5711	-0.0028
39	30	HDR UNBIAS	3.5711	3.594	0.0229
40	30	HDR UNBIAS	3.572	3.573	0.001
41	50	HDR BIAS	3.5761	3.5829	0.0068
42	50	HDR BIAS	3.5591	3.5479	-0.0112
43	50	HDR BIAS	3.568	3.5779	0.0099
44	50	HDR BIAS	3.572	3.5489	-0.0231
45	50	HDR BIAS	3.5711	3.5761	0.005
46	50	HDR UNBIAS	3.5761	3.5788	0.0027
47	50	HDR UNBIAS	3.5869	3.585	-0.0019
48	50	HDR UNBIAS	3.5699	3.59	0.0201
49	50	HDR UNBIAS	3.5819	3.585	0.0031
50	50	HDR UNBIAS	3.5671	3.586	0.0189
51	100	HDR BIAS	3.5761	3.569	-0.0071
52	100	HDR BIAS	3.5609	3.5609	0
53	100	HDR BIAS	3.572	3.5659	-0.0061
54	100	HDR BIAS	3.564	3.5649	0.0009
55	100	HDR BIAS	3.556	3.5319	-0.0241
56	100	HDR UNBIAS	3.5649	3.5841	0.0192
57	100	HDR UNBIAS	3.5751	3.568	-0.0071
58	100	HDR UNBIAS	3.5541	3.5711	0.017
59	100	HDR UNBIAS	3.586	3.5959	0.0099
60	100	HDR UNBIAS	3.5699	3.5881	0.0182
71	0	CORRELATION	3.5739	3.5751	0.0012
72	0	CORRELATION	3.568	3.5671	-0.0009
73	0	CORRELATION	3.572	3.572	0

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	3.568	3.5713	3.5739	0.0030116	3.5671	3.5714	3.5751	0.0040336	-0.0009	0.0001	0.0012	0.0010536
3	3.5461	3.568	3.581	0.010864	3.547	3.5673	3.5801	0.010536	-0.0028	-0.00074	0.001	0.0011559
10	3.547	3.5683	3.586	0.011881	3.5569	3.5704	3.5949	0.010845	-0.003	0.00207	0.0148	0.0056618
30	3.5541	3.5679	3.581	0.0088656	3.5479	3.5678	3.594	0.014966	-0.0102	-0.00012	0.0229	0.010425
50	3.5591	3.5728	3.5869	0.0078779	3.5479	3.5758	3.59	0.015059	-0.0231	0.00303	0.0201	0.012988
100	3.5541	3.5679	3.586	0.0098475	3.5319	3.57	3.5959	0.017577	-0.0241	0.00208	0.0192	0.013997

Device Test: 17.20 UVLO|PVIN_FALL/PVIN/4.5/4.5/0/1000/4.5/1MHz//@PVIN_UVLO_FALL





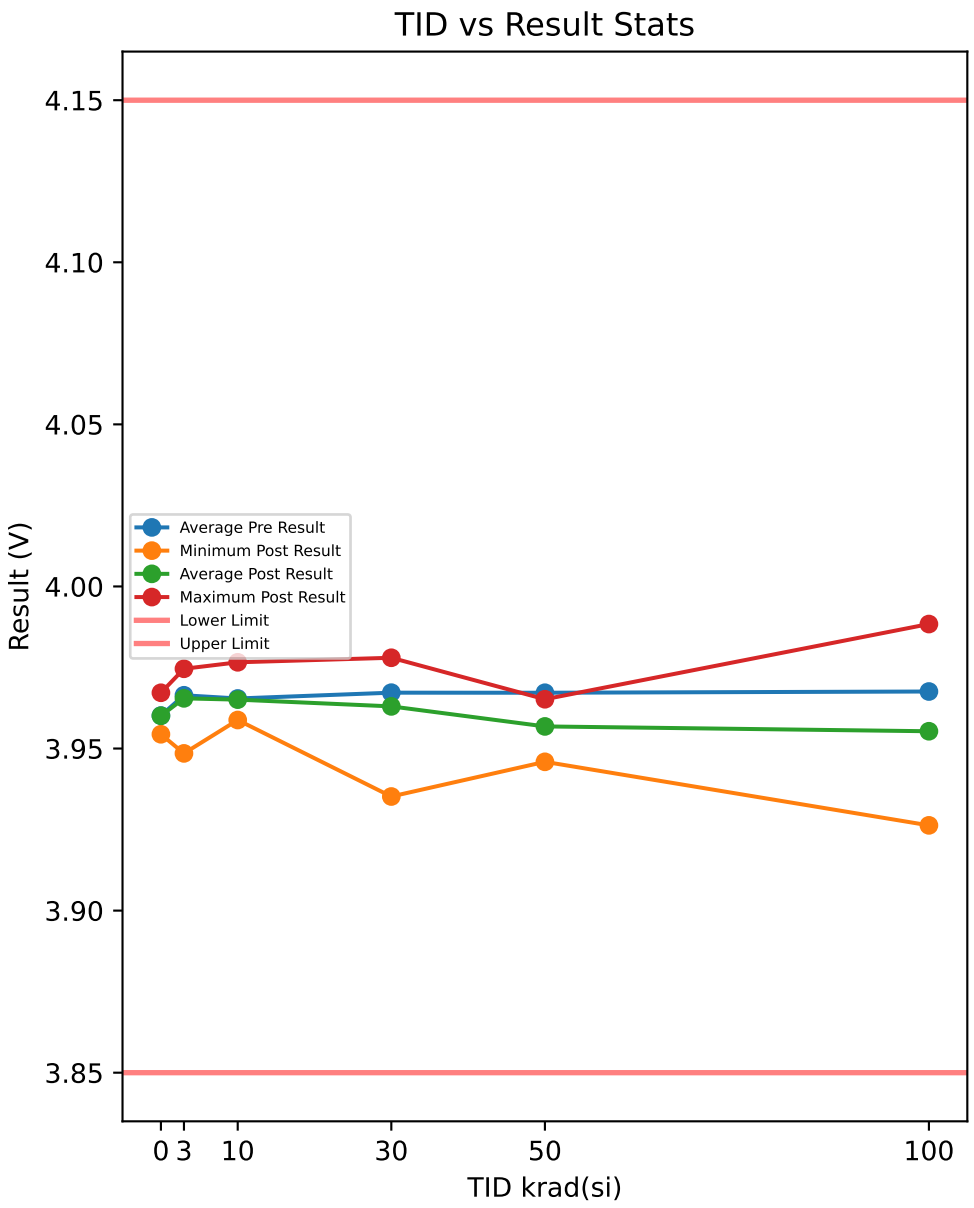
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

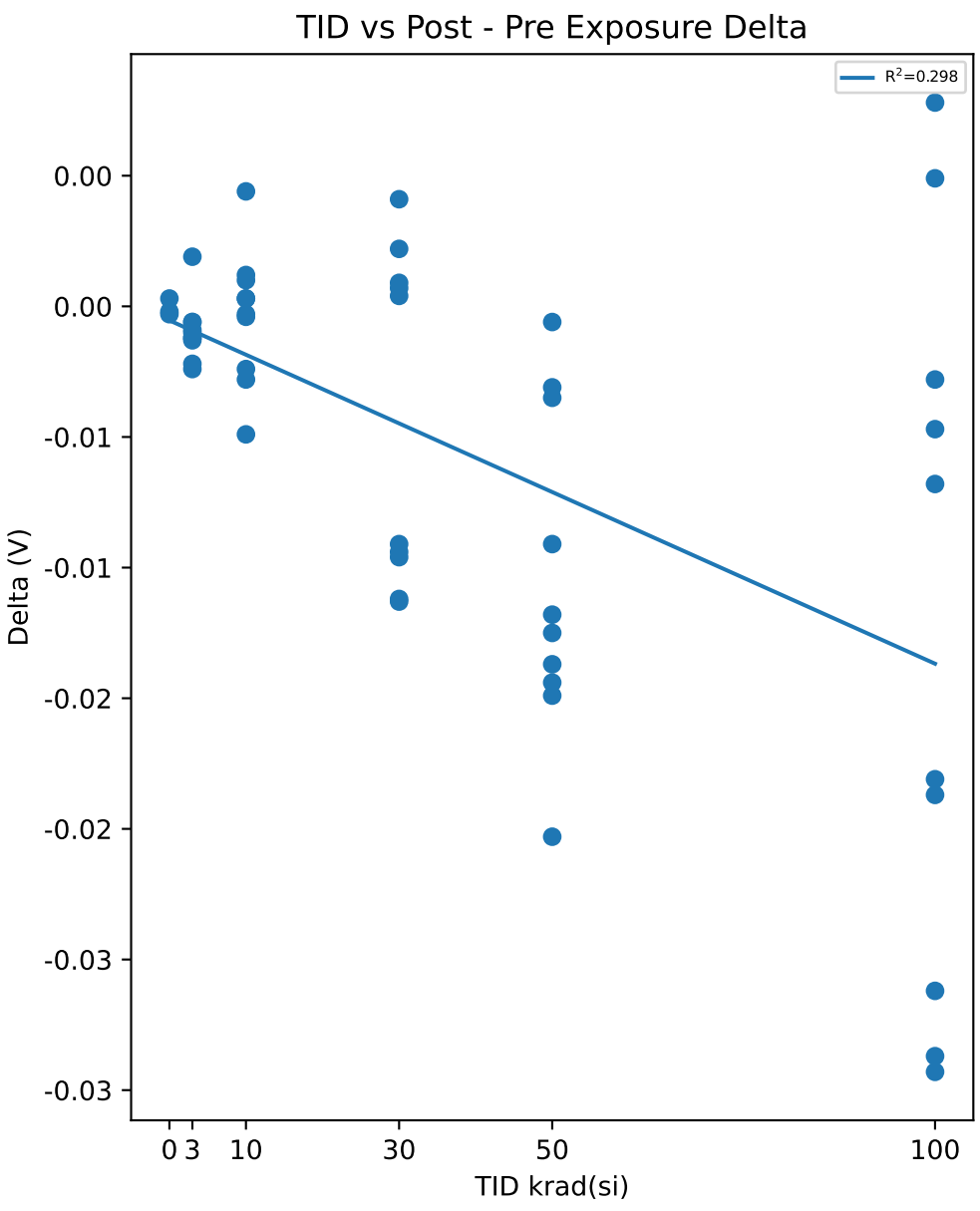
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.5761	3.5751	-0.001
2	3	HDR BIAS	3.577	3.5761	-0.0009
3	3	HDR BIAS	3.5699	3.5699	0
4	3	HDR BIAS	3.5609	3.5581	-0.0028
5	3	HDR BIAS	3.564	3.5631	-0.0009
6	3	HDR UNBIAS	3.5788	3.5779	-0.0009
7	3	HDR UNBIAS	3.5801	3.5788	-0.0013
8	3	HDR UNBIAS	3.5581	3.5581	0
9	3	HDR UNBIAS	3.569	3.5659	-0.0031
10	3	HDR UNBIAS	3.5461	3.5461	0
11	10	HDR BIAS	3.5609	3.5591	-0.0018
12	10	HDR BIAS	3.5761	3.5751	-0.001
13	10	HDR BIAS	3.5461	3.5461	0
14	10	HDR BIAS	3.5711	3.568	-0.0031
15	10	HDR BIAS	3.5801	3.577	-0.0031
16	10	HDR UNBIAS	3.555	3.5581	0.0031
17	10	HDR UNBIAS	3.572	3.5711	-0.0009
18	10	HDR UNBIAS	3.5659	3.568	0.0021
19	10	HDR UNBIAS	3.585	3.5829	-0.0021
20	10	HDR UNBIAS	3.564	3.5649	0.0009
31	30	HDR BIAS	3.581	3.5761	-0.0049
32	30	HDR BIAS	3.5739	3.5649	-0.009
33	30	HDR BIAS	3.5581	3.5489	-0.0092
34	30	HDR BIAS	3.572	3.564	-0.008
35	30	HDR BIAS	3.555	3.5461	-0.0089
36	30	HDR UNBIAS	3.564	3.5649	0.0009
37	30	HDR UNBIAS	3.5541	3.551	-0.0031
38	30	HDR UNBIAS	3.5751	3.5711	-0.004
39	30	HDR UNBIAS	3.5699	3.5751	0.0052
40	30	HDR UNBIAS	3.572	3.573	0.001
41	50	HDR BIAS	3.5761	3.5649	-0.0112
42	50	HDR BIAS	3.5591	3.5479	-0.0112
43	50	HDR BIAS	3.5671	3.5569	-0.0102
44	50	HDR BIAS	3.5711	3.5501	-0.021
45	50	HDR BIAS	3.5711	3.5591	-0.012
46	50	HDR UNBIAS	3.5751	3.5788	0.0037
47	50	HDR UNBIAS	3.5699	3.568	-0.0019
48	50	HDR UNBIAS	3.5699	3.5739	0.004
49	50	HDR UNBIAS	3.5829	3.5841	0.0012
50	50	HDR UNBIAS	3.5659	3.568	0.0021
51	100	HDR BIAS	3.5779	3.5489	-0.029
52	100	HDR BIAS	3.564	3.5439	-0.0201
53	100	HDR BIAS	3.572	3.5479	-0.0241
54	100	HDR BIAS	3.5631	3.547	-0.0161
55	100	HDR BIAS	3.556	3.5319	-0.0241
56	100	HDR UNBIAS	3.564	3.564	0
57	100	HDR UNBIAS	3.5609	3.56	-0.0009
58	100	HDR UNBIAS	3.5541	3.5541	0
59	100	HDR UNBIAS	3.585	3.585	0
60	100	HDR UNBIAS	3.5699	3.5699	0
71	0	CORRELATION	3.5751	3.5751	0
72	0	CORRELATION	3.5671	3.5671	0
73	0	CORRELATION	3.5711	3.572	0.0009

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	3.5671	3.5711	3.5751	0.004	3.5671	3.5714	3.5751	0.0040336	0	0.0003	0.0009	0.00051962
3	3.5461	3.568	3.5801	0.010844	3.5461	3.5669	3.5788	0.010679	-0.0031	-0.00109	0	0.0010898
10	3.5461	3.5676	3.585	0.01176	3.5461	3.567	3.5829	0.010646	-0.0031	-0.00059	0.0031	0.0021089
30	3.5541	3.5675	3.581	0.0092114	3.5461	3.5635	3.5761	0.011144	-0.0092	-0.004	0.0052	0.0050257
50	3.5591	3.5708	3.5829	0.0064064	3.5479	3.5652	3.5841	0.011865	-0.021	-0.00565	0.004	0.0085625
100	3.5541	3.5667	3.585	0.0096211	3.5319	3.5553	3.585	0.015043	-0.029	-0.01143	0	0.012294

Device Test: 17.22 UVLO|VIN_RISE/VIN/4.5/4.5/0/1000/4.5/1MHz//@VIN_UVLO_RISE





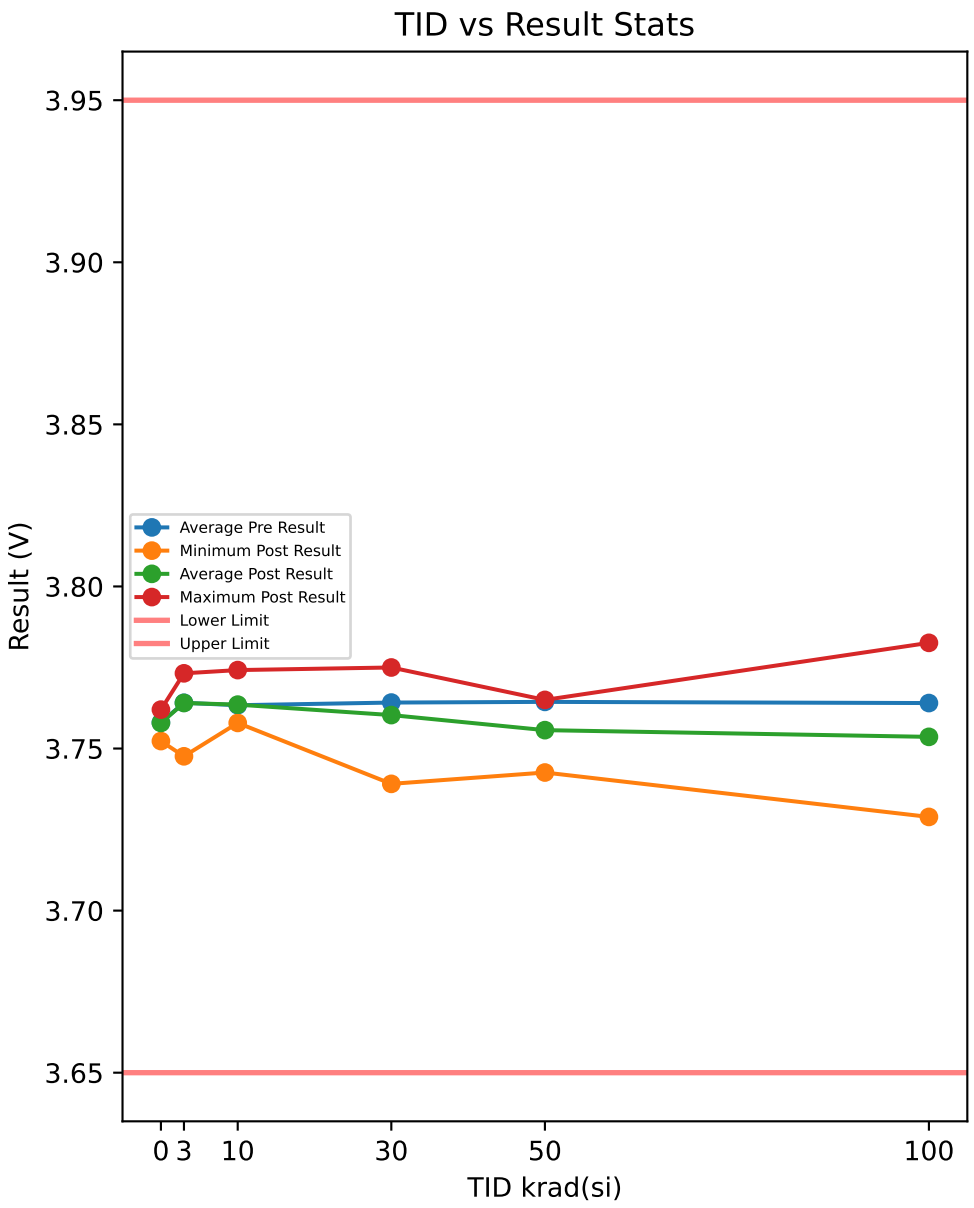
Test Results (Lower Limit = 3.85, Upper Limit = 4.15 (V))

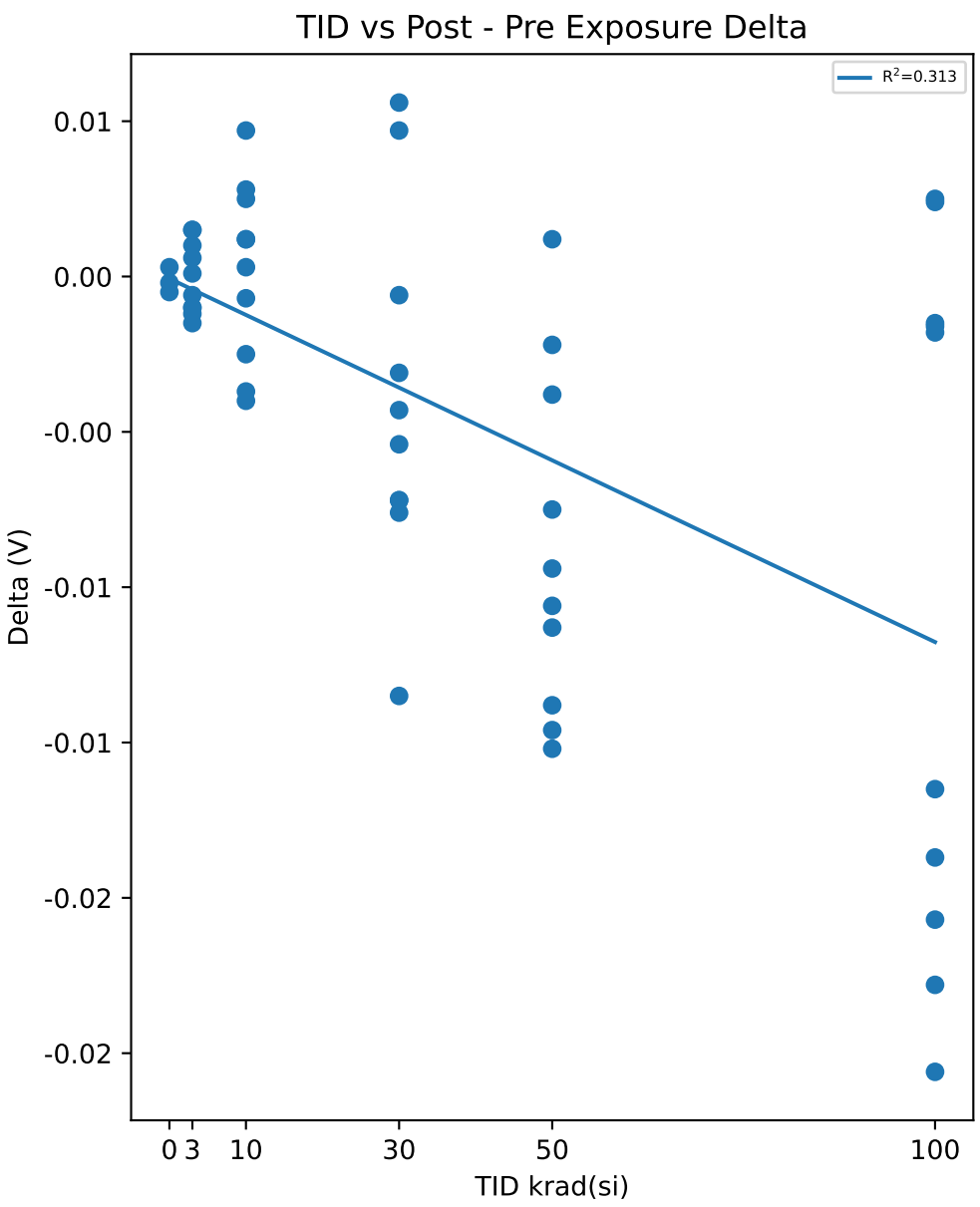
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.9737	3.9725	-0.0012
2	3	HDR BIAS	3.9738	3.9725	-0.0013
3	3	HDR BIAS	3.977	3.9746	-0.0024
4	3	HDR BIAS	3.9578	3.9572	-0.0006
5	3	HDR BIAS	3.9734	3.9722	-0.0012
6	3	HDR UNBIAS	3.9674	3.9652	-0.0022
7	3	HDR UNBIAS	3.9572	3.9566	-0.0006
8	3	HDR UNBIAS	3.9622	3.9612	-0.001
9	3	HDR UNBIAS	3.9752	3.9743	-0.0009
10	3	HDR UNBIAS	3.9466	3.9485	0.0019
11	10	HDR BIAS	3.9613	3.9625	0.0012
12	10	HDR BIAS	3.9645	3.9621	-0.0024
13	10	HDR BIAS	3.9694	3.9666	-0.0028
14	10	HDR BIAS	3.9585	3.9588	0.0003
15	10	HDR BIAS	3.9714	3.9665	-0.0049
16	10	HDR UNBIAS	3.96	3.9597	-0.0003
17	10	HDR UNBIAS	3.9685	3.9681	-0.0004
18	10	HDR UNBIAS	3.9633	3.9677	0.0044
19	10	HDR UNBIAS	3.9619	3.9622	0.0003
20	10	HDR UNBIAS	3.9756	3.9766	0.001
31	30	HDR BIAS	3.9769	3.9656	-0.0113
32	30	HDR BIAS	3.9585	3.9494	-0.0091
33	30	HDR BIAS	3.9464	3.9352	-0.0112
34	30	HDR BIAS	3.9806	3.971	-0.0096
35	30	HDR BIAS	3.9819	3.9725	-0.0094
36	30	HDR UNBIAS	3.967	3.9711	0.0041
37	30	HDR UNBIAS	3.9531	3.9553	0.0022
38	30	HDR UNBIAS	3.96	3.9609	0.0009
39	30	HDR UNBIAS	3.9773	3.978	0.0007
40	30	HDR UNBIAS	3.9706	3.971	0.0004
41	50	HDR BIAS	3.9722	3.9631	-0.0091
42	50	HDR BIAS	3.9642	3.9505	-0.0137
43	50	HDR BIAS	3.9616	3.9472	-0.0144
44	50	HDR BIAS	3.9753	3.955	-0.0203
45	50	HDR BIAS	3.9608	3.9459	-0.0149
46	50	HDR UNBIAS	3.9547	3.9541	-0.0006
47	50	HDR UNBIAS	3.9672	3.9637	-0.0035
48	50	HDR UNBIAS	3.977	3.9652	-0.0118
49	50	HDR UNBIAS	3.9741	3.9616	-0.0125
50	50	HDR UNBIAS	3.965	3.9619	-0.0031
51	100	HDR BIAS	3.9611	3.943	-0.0181
52	100	HDR BIAS	3.9787	3.9525	-0.0262
53	100	HDR BIAS	3.9556	3.9263	-0.0293
54	100	HDR BIAS	3.9724	3.9537	-0.0187
55	100	HDR BIAS	3.9659	3.9372	-0.0287
56	100	HDR UNBIAS	3.9638	3.9687	0.0049
57	100	HDR UNBIAS	3.9577	3.953	-0.0047
58	100	HDR UNBIAS	3.9581	3.9553	-0.0028
59	100	HDR UNBIAS	3.9806	3.9884	0.0078
60	100	HDR UNBIAS	3.982	3.9752	-0.0068
71	0	CORRELATION	3.9675	3.9672	-0.0003
72	0	CORRELATION	3.9546	3.9544	-0.0002
73	0	CORRELATION	3.9584	3.9587	0.0003

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	3.9546	3.9602	3.9675	0.006629	3.9544	3.9601	3.9672	0.0065138	-0.0003	-6.6667e-05	0.0003	0.00032146
3	3.9466	3.9664	3.977	0.010089	3.9485	3.9655	3.9746	0.0091822	-0.0024	-0.00095	0.0019	0.0011683
10	3.9585	3.9654	3.9756	0.0055446	3.9588	3.9651	3.9766	0.00522	-0.0049	-0.00036	0.0044	0.0025505
30	3.9464	3.9672	3.9819	0.012303	3.9352	3.963	3.978	0.013069	-0.0113	-0.00423	0.0041	0.0063302
50	3.9547	3.9672	3.977	0.0072776	3.9459	3.9568	3.9652	0.0072118	-0.0203	-0.01039	-0.0006	0.0062374
100	3.9556	3.9676	3.982	0.01008	3.9263	3.9553	3.9884	0.018278	-0.0293	-0.01226	0.0078	0.013759

Device Test: 17.23 UVLO|VIN_FALL/VIN/4.5/4.5/0/1000/4.5/1MHz//@VIN_UVLO_FALL





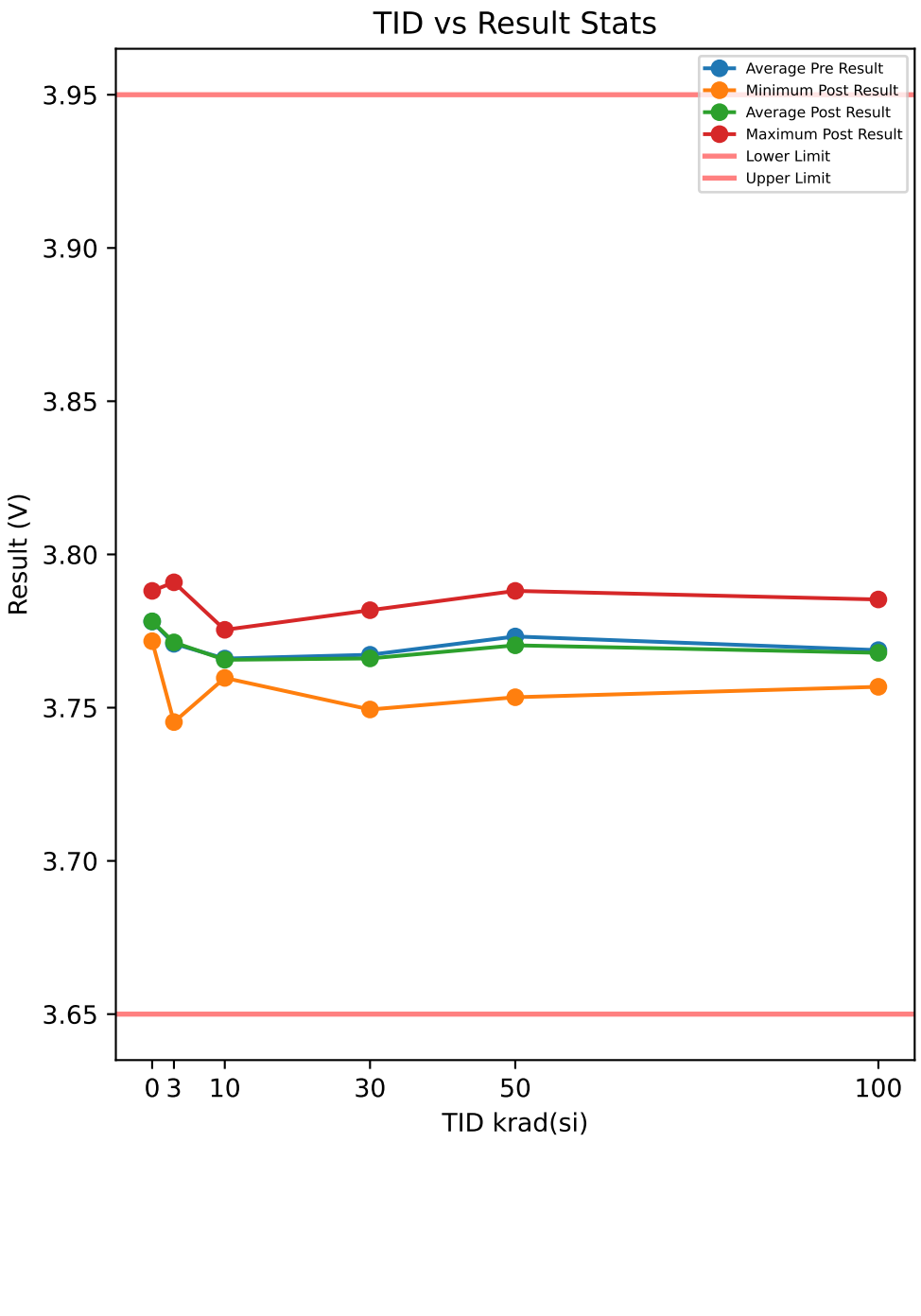
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

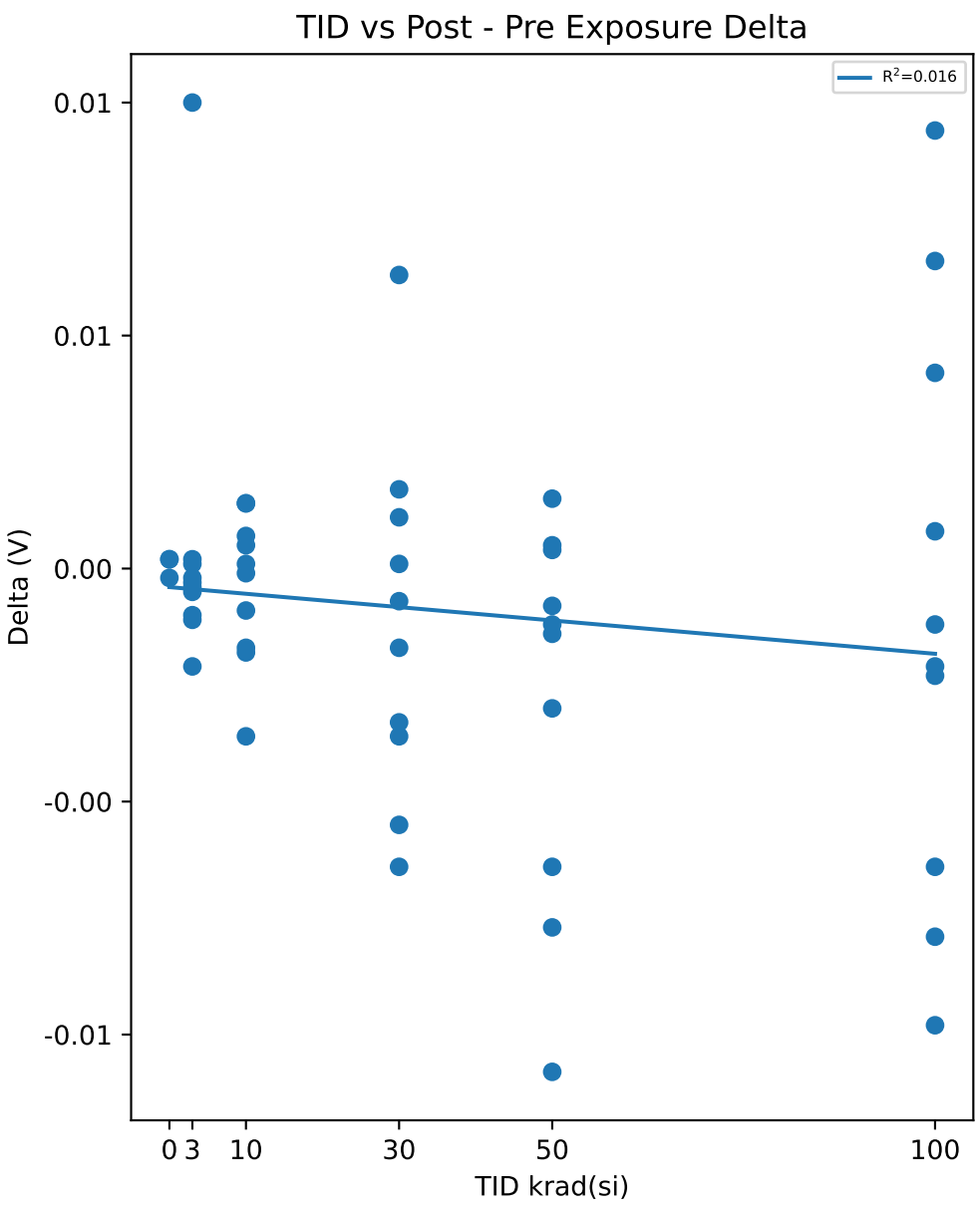
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.768	3.7686	0.0006
2	3	HDR BIAS	3.772	3.7708	-0.0012
3	3	HDR BIAS	3.7747	3.7732	-0.0015
4	3	HDR BIAS	3.7583	3.7573	-0.001
5	3	HDR BIAS	3.7705	3.7695	-0.001
6	3	HDR UNBIAS	3.7631	3.7641	0.001
7	3	HDR UNBIAS	3.7564	3.7579	0.0015
8	3	HDR UNBIAS	3.7589	3.7583	-0.0006
9	3	HDR UNBIAS	3.7731	3.7732	0.0001
10	3	HDR UNBIAS	3.7461	3.7476	0.0015
11	10	HDR BIAS	3.7608	3.762	0.0012
12	10	HDR BIAS	3.7619	3.7579	-0.004
13	10	HDR BIAS	3.7667	3.7642	-0.0025
14	10	HDR BIAS	3.7592	3.7595	0.0003
15	10	HDR BIAS	3.7656	3.7619	-0.0037
16	10	HDR UNBIAS	3.7561	3.7589	0.0028
17	10	HDR UNBIAS	3.7658	3.767	0.0012
18	10	HDR UNBIAS	3.7644	3.7691	0.0047
19	10	HDR UNBIAS	3.7614	3.7607	-0.0007
20	10	HDR UNBIAS	3.7717	3.7742	0.0025
31	30	HDR BIAS	3.7752	3.7617	-0.0135
32	30	HDR BIAS	3.7549	3.7473	-0.0076
33	30	HDR BIAS	3.7463	3.7391	-0.0072
34	30	HDR BIAS	3.7711	3.7657	-0.0054
35	30	HDR BIAS	3.7789	3.7717	-0.0072
36	30	HDR UNBIAS	3.7659	3.7616	-0.0043
37	30	HDR UNBIAS	3.7505	3.7561	0.0056
38	30	HDR UNBIAS	3.7592	3.7561	-0.0031
39	30	HDR UNBIAS	3.7756	3.775	-0.0006
40	30	HDR UNBIAS	3.7642	3.7689	0.0047
41	50	HDR BIAS	3.7689	3.7614	-0.0075
42	50	HDR BIAS	3.7637	3.7491	-0.0146
43	50	HDR BIAS	3.7574	3.7461	-0.0113
44	50	HDR BIAS	3.7689	3.7551	-0.0138
45	50	HDR BIAS	3.7578	3.7426	-0.0152
46	50	HDR UNBIAS	3.7555	3.7517	-0.0038
47	50	HDR UNBIAS	3.767	3.7648	-0.0022
48	50	HDR UNBIAS	3.7756	3.765	-0.0106
49	50	HDR UNBIAS	3.7692	3.7598	-0.0094
50	50	HDR UNBIAS	3.7599	3.7611	0.0012
51	100	HDR BIAS	3.7597	3.7432	-0.0165
52	100	HDR BIAS	3.7714	3.7458	-0.0256
53	100	HDR BIAS	3.7517	3.7289	-0.0228
54	100	HDR BIAS	3.7697	3.751	-0.0187
55	100	HDR BIAS	3.7586	3.7379	-0.0207
56	100	HDR UNBIAS	3.7645	3.767	0.0025
57	100	HDR UNBIAS	3.7522	3.7507	-0.0015
58	100	HDR UNBIAS	3.7564	3.7548	-0.0016
59	100	HDR UNBIAS	3.7802	3.7826	0.0024
60	100	HDR UNBIAS	3.7759	3.7741	-0.0018
71	0	CORRELATION	3.7617	3.762	0.0003
72	0	CORRELATION	3.7528	3.7523	-0.0005
73	0	CORRELATION	3.7596	3.7594	-0.0002

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	3.7528	3.758	3.7617	0.0046522	3.7523	3.7579	3.762	0.005021	-0.0005	-0.00013333	0.0003	0.00040415
3	3.7461	3.7641	3.7747	0.0091707	3.7476	3.7641	3.7732	0.0085014	-0.0015	-6e-05	0.0015	0.0011491
10	3.7561	3.7634	3.7717	0.0044134	3.7579	3.7635	3.7742	0.0051612	-0.004	0.00018	0.0047	0.0028917
30	3.7463	3.7642	3.7789	0.01124	3.7391	3.7603	3.775	0.011088	-0.0135	-0.00386	0.0056	0.0058287
50	3.7555	3.7644	3.7756	0.006568	3.7426	3.7557	3.765	0.0079683	-0.0152	-0.00872	0.0012	0.0055741
100	3.7517	3.764	3.7802	0.0099302	3.7289	3.7536	3.7826	0.01661	-0.0256	-0.01043	0.0025	0.011342

Device Test: 17.25 UVLO|VLDO_RISE/VLDO/4.5/4.5/0/1000/4.5/1MHz//@VLDO_UVLO_RISE





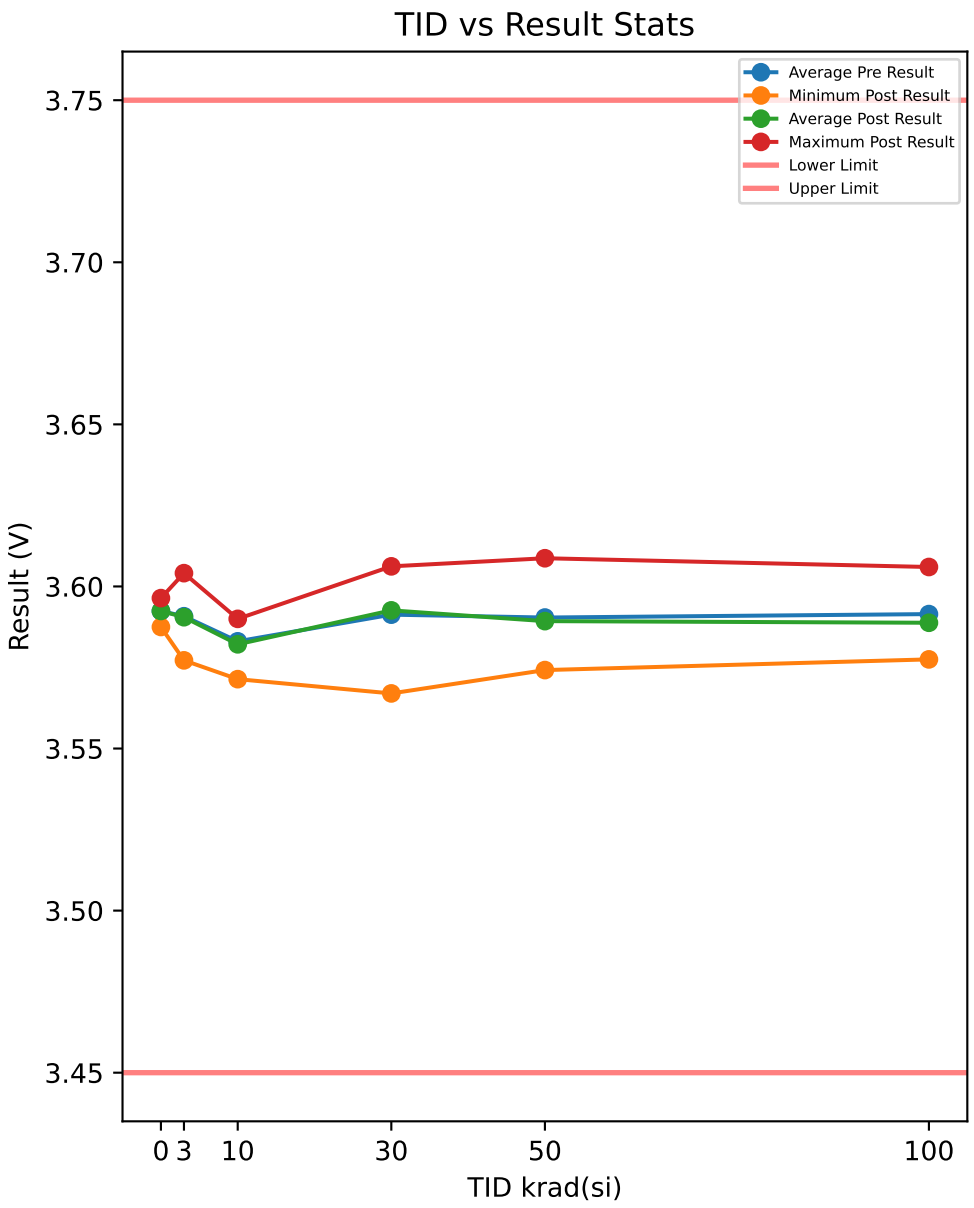
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

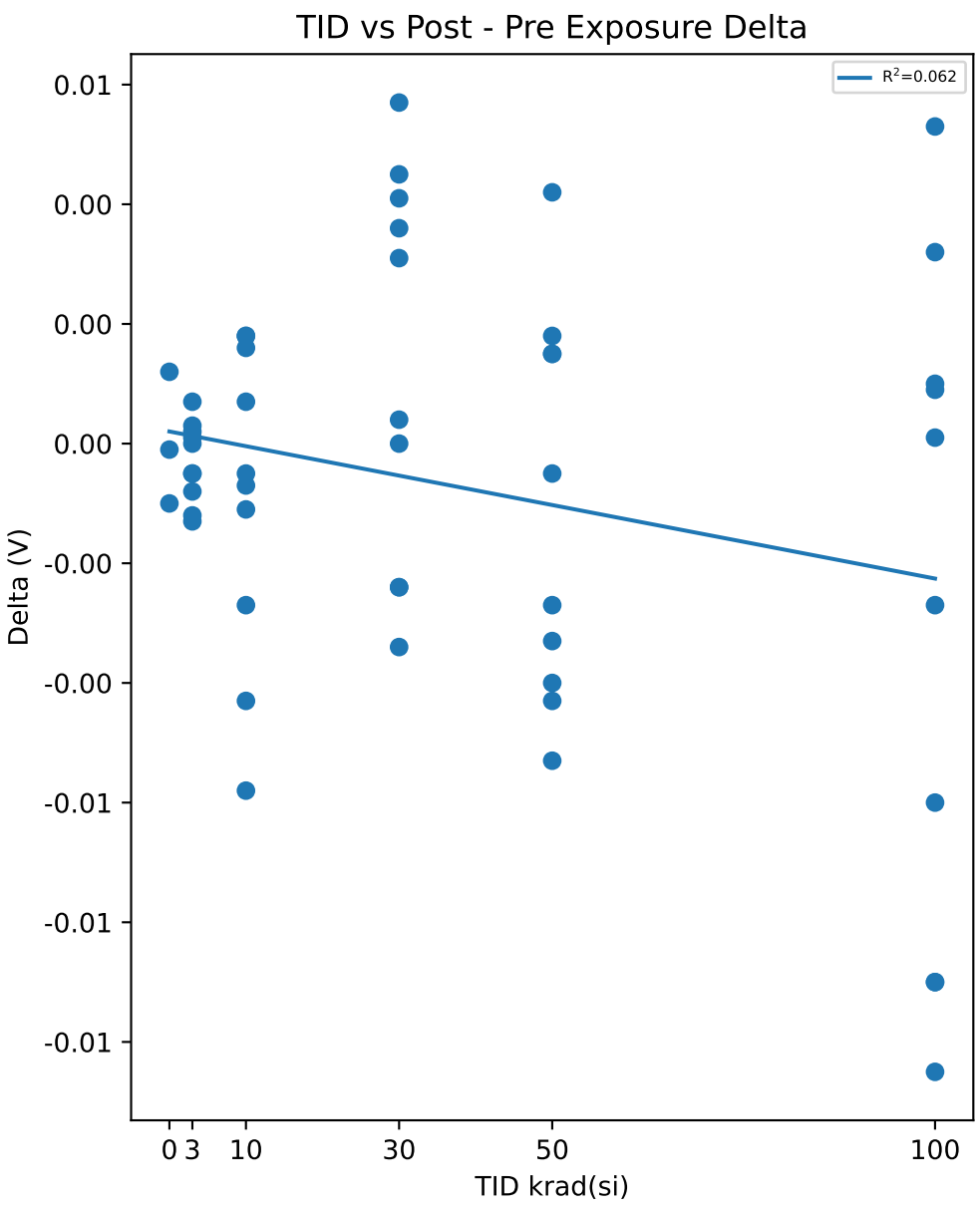
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7914	3.7909	-0.0005
2	3	HDR BIAS	3.7612	3.7608	-0.0004
3	3	HDR BIAS	3.7687	3.7684	-0.0003
4	3	HDR BIAS	3.7817	3.7815	-0.0002
5	3	HDR BIAS	3.7696	3.7686	-0.001
6	3	HDR UNBIAS	3.7718	3.7818	0.01
7	3	HDR UNBIAS	3.7711	3.7712	0.0001
8	3	HDR UNBIAS	3.7706	3.7708	0.0002
9	3	HDR UNBIAS	3.7758	3.7737	-0.0021
10	3	HDR UNBIAS	3.7464	3.7453	-0.0011
11	10	HDR BIAS	3.7618	3.7601	-0.0017
12	10	HDR BIAS	3.7633	3.7597	-0.0036
13	10	HDR BIAS	3.7698	3.7697	-0.0001
14	10	HDR BIAS	3.7584	3.7598	0.0014
15	10	HDR BIAS	3.7627	3.7618	-0.0009
16	10	HDR UNBIAS	3.7614	3.7628	0.0014
17	10	HDR UNBIAS	3.7753	3.7754	0.0001
18	10	HDR UNBIAS	3.7621	3.7628	0.0007
19	10	HDR UNBIAS	3.7711	3.7693	-0.0018
20	10	HDR UNBIAS	3.7743	3.7748	0.0005
31	30	HDR BIAS	3.7817	3.7818	0.0001
32	30	HDR BIAS	3.7678	3.7661	-0.0017
33	30	HDR BIAS	3.7527	3.7494	-0.0033
34	30	HDR BIAS	3.7661	3.7672	0.0011
35	30	HDR BIAS	3.7715	3.7708	-0.0007
36	30	HDR UNBIAS	3.7608	3.7625	0.0017
37	30	HDR UNBIAS	3.7567	3.7512	-0.0055
38	30	HDR UNBIAS	3.764	3.7604	-0.0036
39	30	HDR UNBIAS	3.7677	3.774	0.0063
40	30	HDR UNBIAS	3.7836	3.7772	-0.0064
41	50	HDR BIAS	3.7756	3.7679	-0.0077
42	50	HDR BIAS	3.753	3.7534	0.0004
43	50	HDR BIAS	3.7742	3.7634	-0.0108
44	50	HDR BIAS	3.7743	3.7729	-0.0014
45	50	HDR BIAS	3.7733	3.7721	-0.0012
46	50	HDR UNBIAS	3.7667	3.7637	-0.003
47	50	HDR UNBIAS	3.784	3.7855	0.0015
48	50	HDR UNBIAS	3.7655	3.7647	-0.0008
49	50	HDR UNBIAS	3.7876	3.7881	0.0005
50	50	HDR UNBIAS	3.7781	3.7717	-0.0064
51	100	HDR BIAS	3.7865	3.7853	-0.0012
52	100	HDR BIAS	3.7726	3.7647	-0.0079
53	100	HDR BIAS	3.7715	3.7617	-0.0098
54	100	HDR BIAS	3.7615	3.7709	0.0094
55	100	HDR BIAS	3.7655	3.7634	-0.0021
56	100	HDR UNBIAS	3.7656	3.7633	-0.0023
57	100	HDR UNBIAS	3.7502	3.7568	0.0066
58	100	HDR UNBIAS	3.7601	3.7643	0.0042
59	100	HDR UNBIAS	3.7806	3.7814	0.0008
60	100	HDR UNBIAS	3.7736	3.7672	-0.0064
71	0	CORRELATION	3.7749	3.7747	-0.0002
72	0	CORRELATION	3.7715	3.7717	0.0002
73	0	CORRELATION	3.7879	3.7881	0.0002

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	3.7715	3.7781	3.7879	0.0086556	3.7717	3.7782	3.7881	0.0087323	-0.0002	6.6667e-05	0.0002	0.00023094
3	3.7464	3.7708	3.7914	0.011845	3.7453	3.7713	3.7909	0.012501	-0.0021	0.00047	0.01	0.0034157
10	3.7584	3.766	3.7753	0.0060164	3.7597	3.7656	3.7754	0.0061463	-0.0036	-0.0004	0.0014	0.0015979
30	3.7527	3.7673	3.7836	0.0098386	3.7494	3.7661	3.7818	0.01055	-0.0064	-0.0012	0.0063	0.0037689
50	3.753	3.7732	3.7876	0.0098068	3.7534	3.7703	3.7881	0.010402	-0.0108	-0.00289	0.0015	0.0040698
100	3.7502	3.7688	3.7865	0.010506	3.7568	3.7679	3.7853	0.008949	-0.0098	-0.00087	0.0094	0.0062644

Device Test: 17.26 UVLO|VLDO_FALL/VLDO/4.5/4.5/0/1000/4.5/1MHz//@VLDO_UVLO_FALL





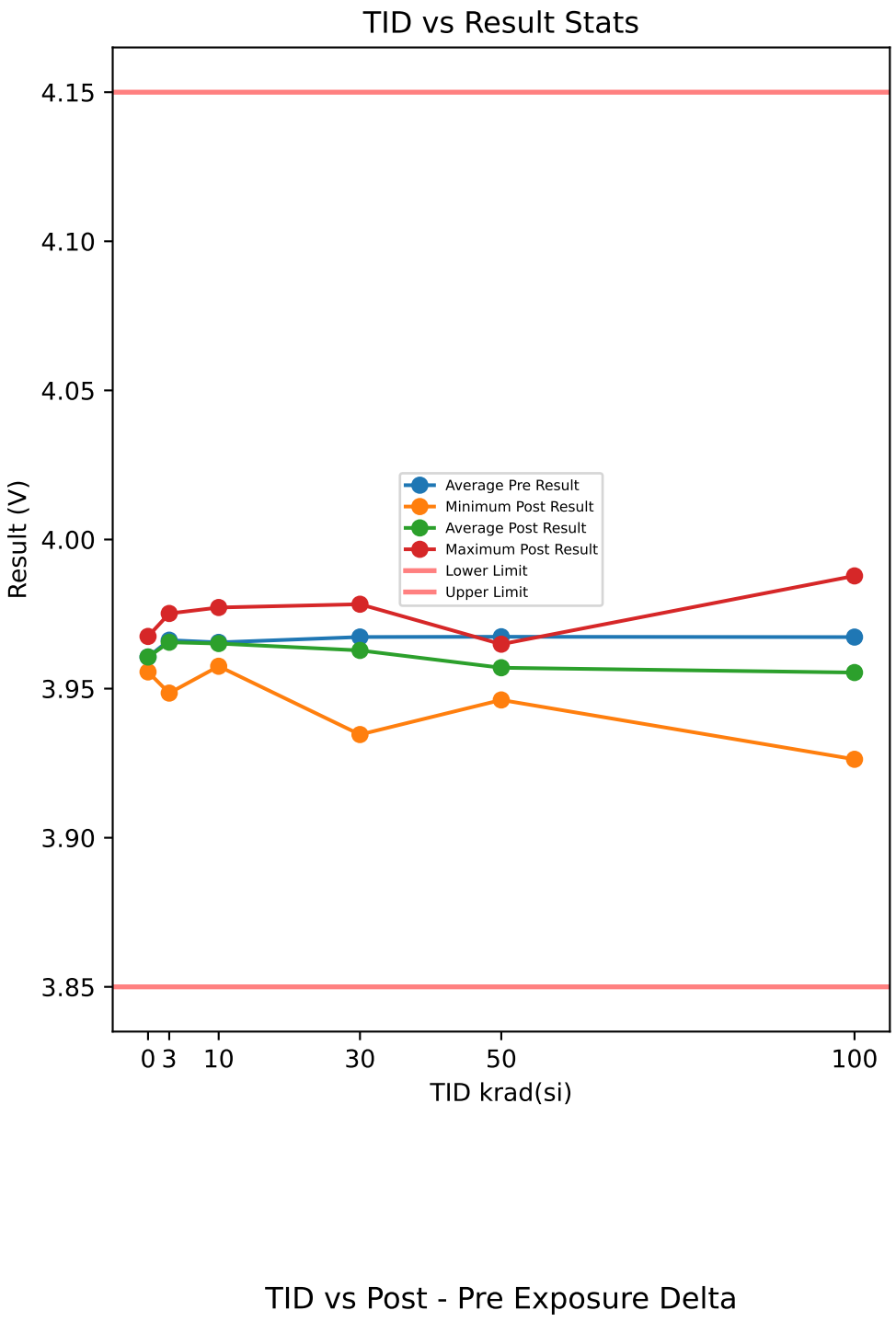
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

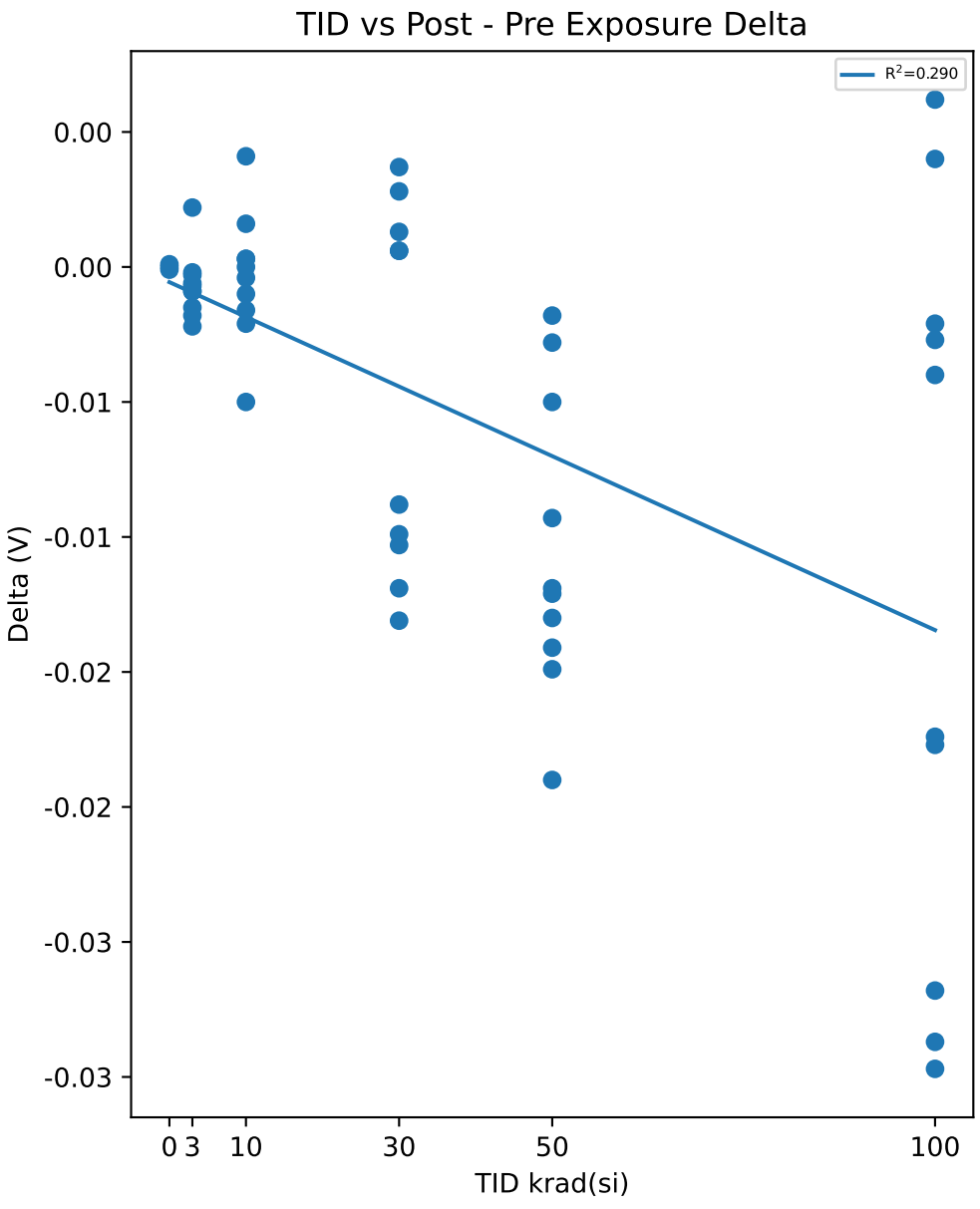
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.6049	3.6041	-0.0008
2	3	HDR BIAS	3.5888	3.5891	0.0003
3	3	HDR BIAS	3.5947	3.5942	-0.0005
4	3	HDR BIAS	3.5915	3.5916	0.0001
5	3	HDR BIAS	3.5863	3.585	-0.0013
6	3	HDR UNBIAS	3.5935	3.5935	0
7	3	HDR UNBIAS	3.5946	3.5953	0.0007
8	3	HDR UNBIAS	3.5898	3.59	0.0002
9	3	HDR UNBIAS	3.5863	3.5851	-0.0012
10	3	HDR UNBIAS	3.5777	3.5772	-0.0005
11	10	HDR BIAS	3.5823	3.5816	-0.0007
12	10	HDR BIAS	3.5807	3.5764	-0.0043
13	10	HDR BIAS	3.5905	3.59	-0.0005
14	10	HDR BIAS	3.5882	3.59	0.0018
15	10	HDR BIAS	3.58	3.5773	-0.0027
16	10	HDR UNBIAS	3.5837	3.5844	0.0007
17	10	HDR UNBIAS	3.5835	3.5853	0.0018
18	10	HDR UNBIAS	3.5772	3.5714	-0.0058
19	10	HDR UNBIAS	3.5802	3.5791	-0.0011
20	10	HDR UNBIAS	3.5844	3.586	0.0016
31	30	HDR BIAS	3.6021	3.6062	0.0041
32	30	HDR BIAS	3.5947	3.5913	-0.0034
33	30	HDR BIAS	3.5694	3.567	-0.0024
34	30	HDR BIAS	3.5855	3.5891	0.0036
35	30	HDR BIAS	3.5988	3.5988	0
36	30	HDR UNBIAS	3.5903	3.596	0.0057
37	30	HDR UNBIAS	3.5837	3.5841	0.0004
38	30	HDR UNBIAS	3.5901	3.5932	0.0031
39	30	HDR UNBIAS	3.5919	3.5964	0.0045
40	30	HDR UNBIAS	3.6065	3.6041	-0.0024
41	50	HDR BIAS	3.5932	3.5947	0.0015
42	50	HDR BIAS	3.5822	3.5864	0.0042
43	50	HDR BIAS	3.5846	3.5841	-0.0005
44	50	HDR BIAS	3.5838	3.5853	0.0015
45	50	HDR BIAS	3.5881	3.5854	-0.0027
46	50	HDR UNBIAS	3.5799	3.5766	-0.0033
47	50	HDR UNBIAS	3.6085	3.6032	-0.0053
48	50	HDR UNBIAS	3.5785	3.5742	-0.0043
49	50	HDR UNBIAS	3.6127	3.6087	-0.004
50	50	HDR UNBIAS	3.5926	3.5944	0.0018
51	100	HDR BIAS	3.5994	3.5995	0.0001
52	100	HDR BIAS	3.5902	3.5912	0.001
53	100	HDR BIAS	3.5835	3.5775	-0.006
54	100	HDR BIAS	3.5928	3.5823	-0.0105
55	100	HDR BIAS	3.594	3.585	-0.009
56	100	HDR UNBIAS	3.6007	3.606	0.0053
57	100	HDR UNBIAS	3.5803	3.5776	-0.0027
58	100	HDR UNBIAS	3.5818	3.585	0.0032
59	100	HDR UNBIAS	3.6035	3.6044	0.0009
60	100	HDR UNBIAS	3.5885	3.5795	-0.009
71	0	CORRELATION	3.5935	3.5934	-0.0001
72	0	CORRELATION	3.5863	3.5875	0.0012
73	0	CORRELATION	3.5974	3.5964	-0.001

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	3.5863	3.5924	3.5974	0.0056312	3.5875	3.5924	3.5964	0.0045281	-0.001	3.3333e-05	0.0012	0.001106
3	3.5777	3.5908	3.6049	0.0070973	3.5772	3.5905	3.6041	0.0072296	-0.0013	-0.0003	0.0007	0.00066667
10	3.5772	3.5831	3.5905	0.0039749	3.5714	3.5821	3.59	0.0060992	-0.0058	-0.00092	0.0018	0.0026339
30	3.5694	3.5913	3.6065	0.010484	3.567	3.5926	3.6062	0.011173	-0.0034	0.00132	0.0057	0.0032988
50	3.5785	3.5904	3.6127	0.011734	3.5742	3.5893	3.6087	0.010958	-0.0053	-0.00111	0.0042	0.003233
100	3.5803	3.5915	3.6035	0.0081186	3.5775	3.5888	3.606	0.010905	-0.0105	-0.00267	0.0053	0.0056214

Device Test: 17.4 UVLO|VIN_RISE/VIN/4.5/4.5/0/1000/4.5/100kHz//@VIN_UVLO_RISE





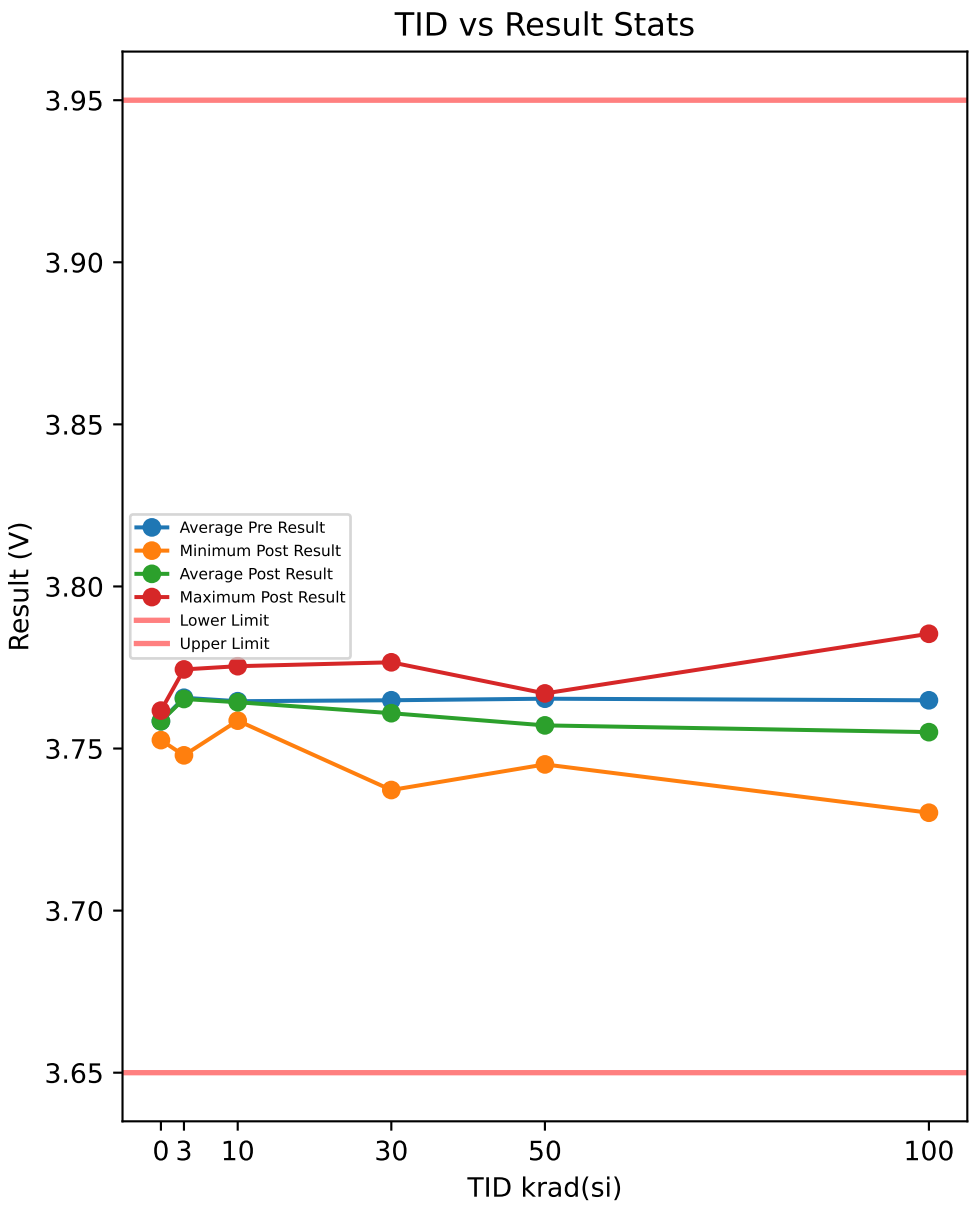
Test Results (Lower Limit = 3.85, Upper Limit = 4.15 (V))

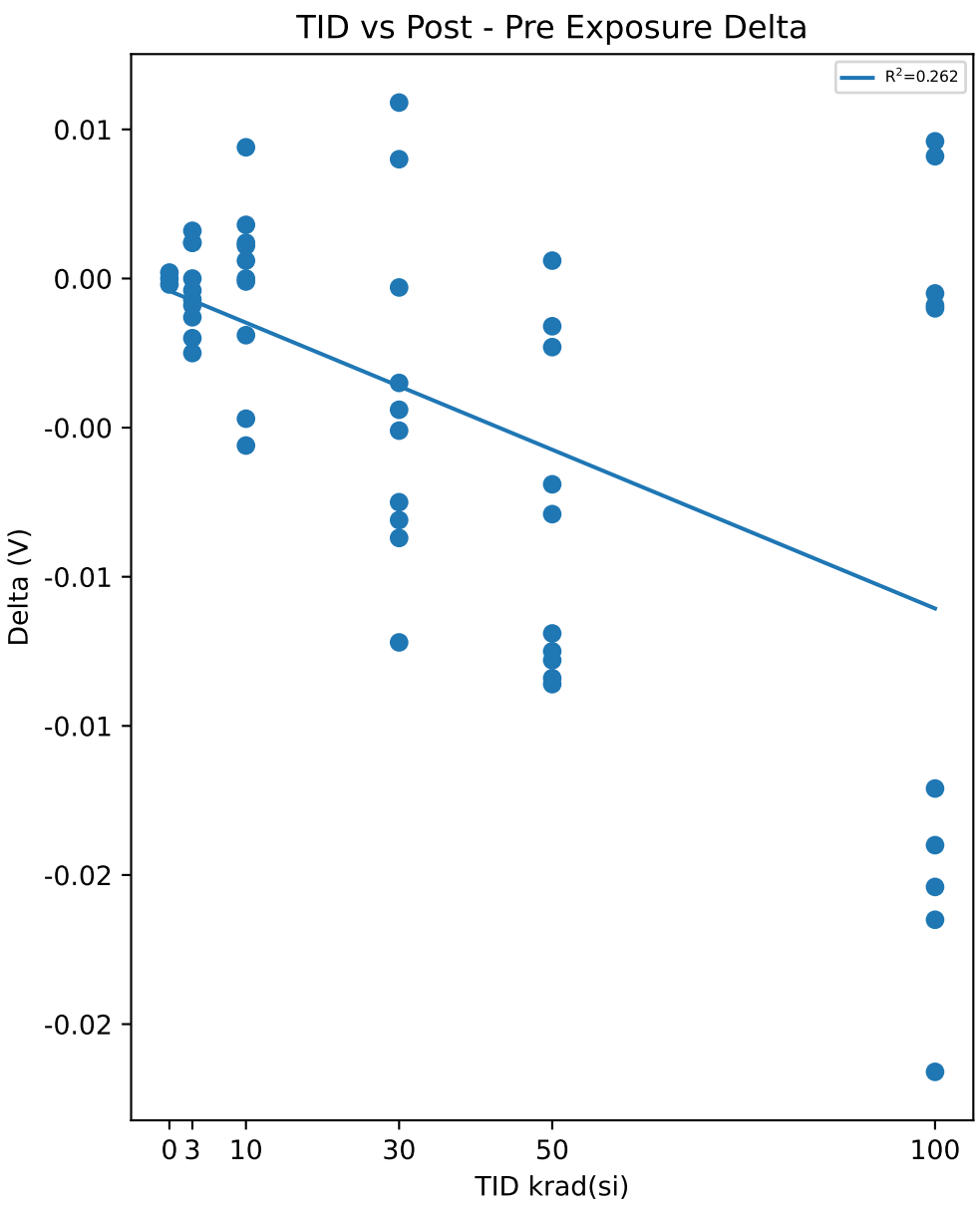
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.9722	3.9716	-0.0006
2	3	HDR BIAS	3.9738	3.9731	-0.0007
3	3	HDR BIAS	3.977	3.9752	-0.0018
4	3	HDR BIAS	3.9581	3.9572	-0.0009
5	3	HDR BIAS	3.9734	3.9719	-0.0015
6	3	HDR UNBIAS	3.9674	3.9652	-0.0022
7	3	HDR UNBIAS	3.9566	3.9563	-0.0003
8	3	HDR UNBIAS	3.9628	3.9619	-0.0009
9	3	HDR UNBIAS	3.9748	3.9746	-0.0002
10	3	HDR UNBIAS	3.9463	3.9485	0.0022
11	10	HDR BIAS	3.9616	3.9616	0
12	10	HDR BIAS	3.9645	3.9624	-0.0021
13	10	HDR BIAS	3.9688	3.9672	-0.0016
14	10	HDR BIAS	3.9585	3.9575	-0.001
15	10	HDR BIAS	3.9711	3.9661	-0.005
16	10	HDR UNBIAS	3.9594	3.9597	0.0003
17	10	HDR UNBIAS	3.9688	3.9684	-0.0004
18	10	HDR UNBIAS	3.9642	3.9683	0.0041
19	10	HDR UNBIAS	3.9625	3.9628	0.0003
20	10	HDR UNBIAS	3.9756	3.9772	0.0016
31	30	HDR BIAS	3.9775	3.9656	-0.0119
32	30	HDR BIAS	3.9585	3.9497	-0.0088
33	30	HDR BIAS	3.9477	3.9346	-0.0131
34	30	HDR BIAS	3.9809	3.971	-0.0099
35	30	HDR BIAS	3.9825	3.9722	-0.0103
36	30	HDR UNBIAS	3.9674	3.9711	0.0037
37	30	HDR UNBIAS	3.9531	3.9544	0.0013
38	30	HDR UNBIAS	3.96	3.9606	0.0006
39	30	HDR UNBIAS	3.9777	3.9783	0.0006
40	30	HDR UNBIAS	3.9678	3.9706	0.0028
41	50	HDR BIAS	3.9734	3.9641	-0.0093
42	50	HDR BIAS	3.9645	3.9515	-0.013
43	50	HDR BIAS	3.9616	3.9475	-0.0141
44	50	HDR BIAS	3.9753	3.9563	-0.019
45	50	HDR BIAS	3.9611	3.9462	-0.0149
46	50	HDR UNBIAS	3.955	3.9532	-0.0018
47	50	HDR UNBIAS	3.9672	3.9622	-0.005
48	50	HDR UNBIAS	3.977	3.9649	-0.0121
49	50	HDR UNBIAS	3.9744	3.9625	-0.0119
50	50	HDR UNBIAS	3.9644	3.9616	-0.0028
51	100	HDR BIAS	3.9614	3.944	-0.0174
52	100	HDR BIAS	3.9787	3.9519	-0.0268
53	100	HDR BIAS	3.956	3.9263	-0.0297
54	100	HDR BIAS	3.972	3.9543	-0.0177
55	100	HDR BIAS	3.9659	3.9372	-0.0287
56	100	HDR UNBIAS	3.9644	3.9684	0.004
57	100	HDR UNBIAS	3.9577	3.9537	-0.004
58	100	HDR UNBIAS	3.9578	3.9557	-0.0021
59	100	HDR UNBIAS	3.9816	3.9878	0.0062
60	100	HDR UNBIAS	3.9773	3.9746	-0.0027
71	0	CORRELATION	3.9675	3.9675	0
72	0	CORRELATION	3.9555	3.9556	0.0001
73	0	CORRELATION	3.9588	3.9587	-0.0001

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	3.9555	3.9606	3.9675	0.0061992	3.9556	3.9606	3.9675	0.0061733	-0.0001	0	0.0001	0.0001
3	3.9463	3.9662	3.977	0.010016	3.9485	3.9656	3.9752	0.0092399	-0.0022	-0.00069	0.0022	0.0012023
10	3.9585	3.9655	3.9756	0.0054595	3.9575	3.9651	3.9772	0.0056243	-0.005	-0.00038	0.0041	0.002386
30	3.9477	3.9673	3.9825	0.012225	3.9346	3.9628	3.9783	0.013232	-0.0131	-0.0045	0.0037	0.0068003
50	3.955	3.9674	3.977	0.0073342	3.9462	3.957	3.9649	0.0070185	-0.019	-0.01039	-0.0018	0.0055965
100	3.956	3.9673	3.9816	0.0094975	3.9263	3.9554	3.9878	0.017987	-0.0297	-0.01189	0.0062	0.013778

Device Test: 17.5 UVLO|VIN_FALL/VIN/4.5/4.5/0/1000/4.5/100kHz//@VIN_UVLO_FALL





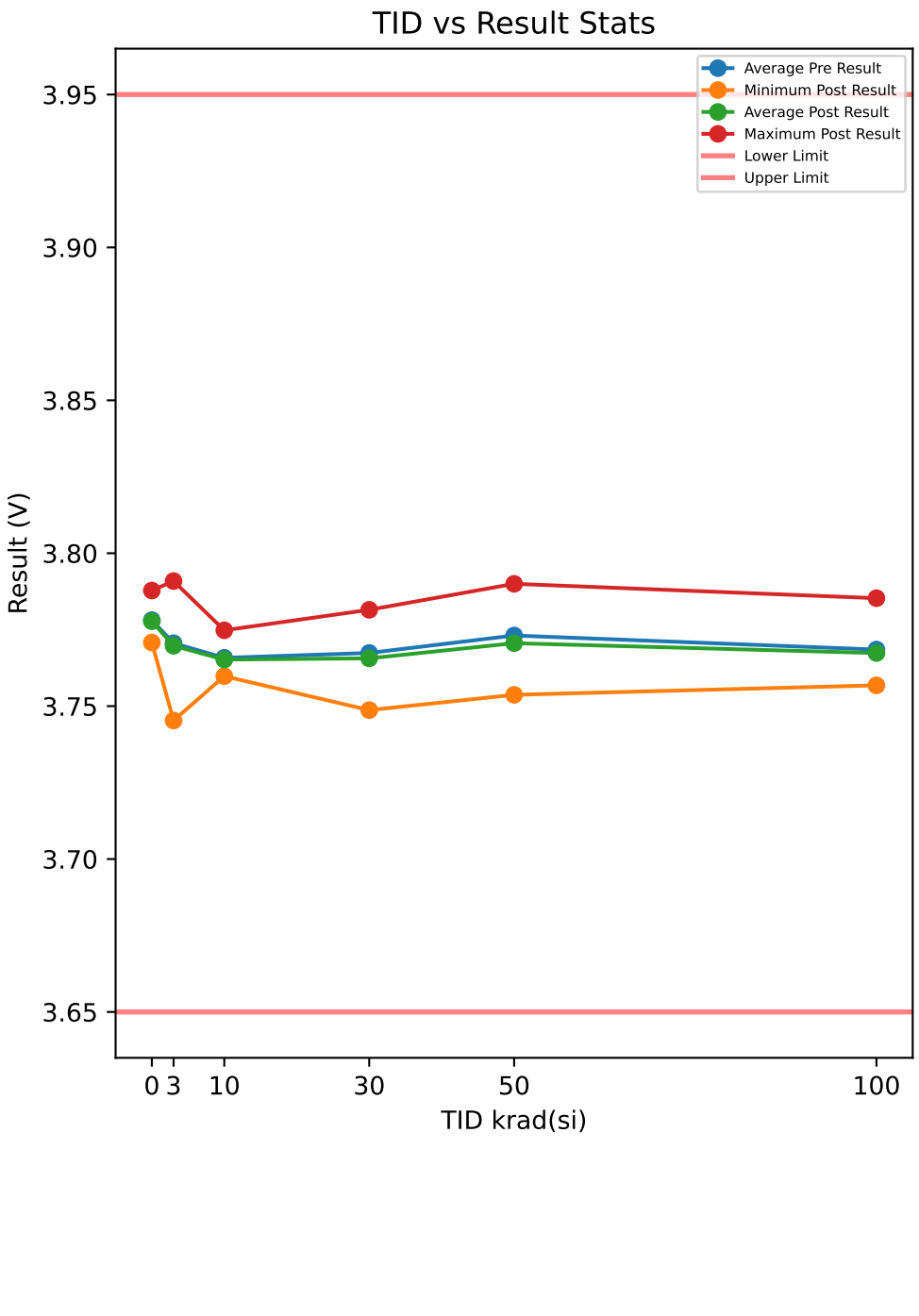
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

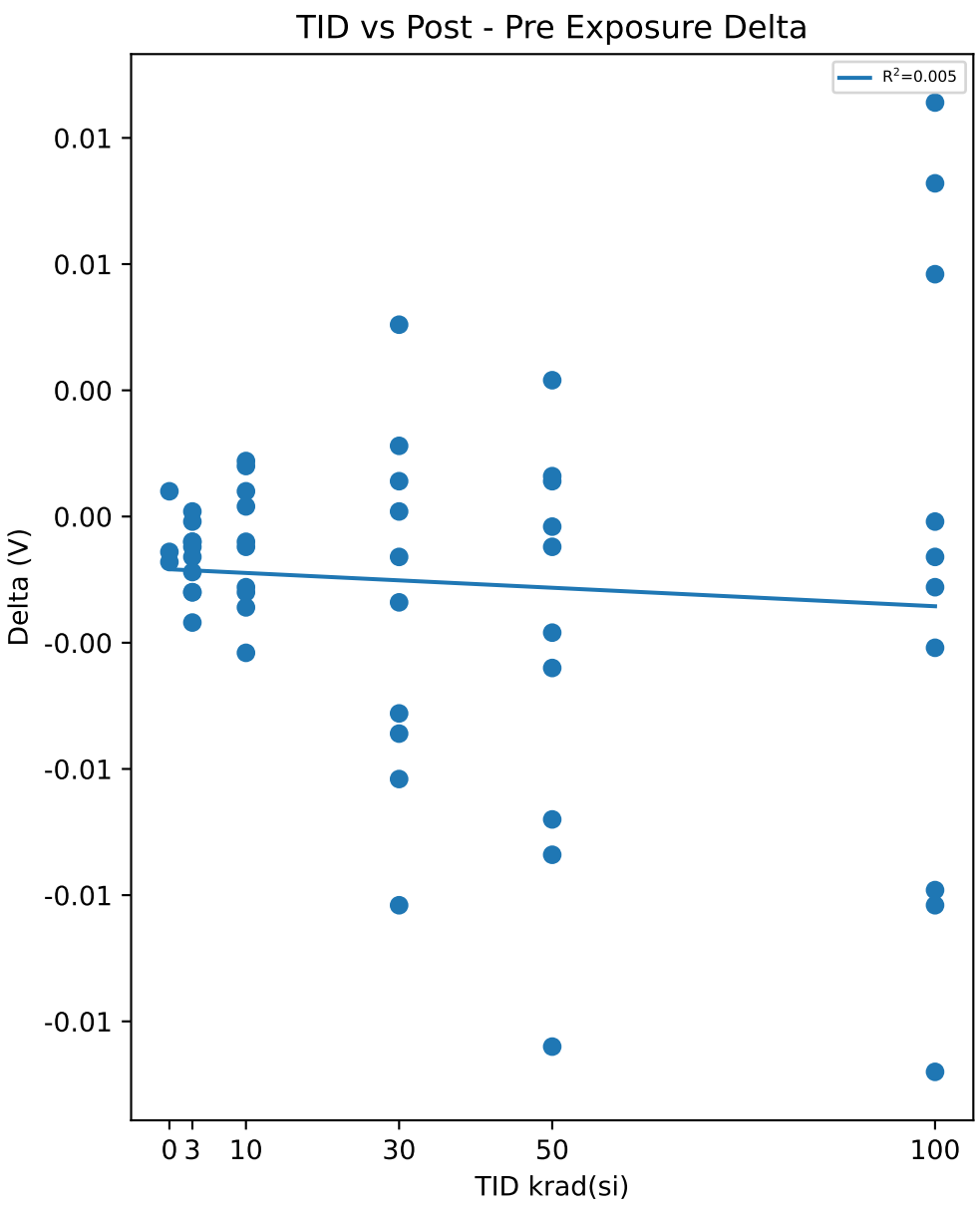
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7686	3.7698	0.0012
2	3	HDR BIAS	3.7733	3.772	-0.0013
3	3	HDR BIAS	3.7769	3.7744	-0.0025
4	3	HDR BIAS	3.7577	3.7589	0.0012
5	3	HDR BIAS	3.772	3.772	0
6	3	HDR UNBIAS	3.7647	3.7663	0.0016
7	3	HDR UNBIAS	3.7599	3.7579	-0.002
8	3	HDR UNBIAS	3.7602	3.7595	-0.0007
9	3	HDR UNBIAS	3.775	3.7741	-0.0009
10	3	HDR UNBIAS	3.7483	3.7479	-0.0004
11	10	HDR BIAS	3.763	3.763	0
12	10	HDR BIAS	3.7647	3.76	-0.0047
13	10	HDR BIAS	3.7686	3.7667	-0.0019
14	10	HDR BIAS	3.7599	3.7598	-0.0001
15	10	HDR BIAS	3.7669	3.7613	-0.0056
16	10	HDR UNBIAS	3.758	3.7586	0.0006
17	10	HDR UNBIAS	3.7658	3.767	0.0012
18	10	HDR UNBIAS	3.7659	3.7703	0.0044
19	10	HDR UNBIAS	3.7596	3.7607	0.0011
20	10	HDR UNBIAS	3.7736	3.7754	0.0018
31	30	HDR BIAS	3.7739	3.7617	-0.0122
32	30	HDR BIAS	3.7561	3.7486	-0.0075
33	30	HDR BIAS	3.7459	3.7372	-0.0087
34	30	HDR BIAS	3.7708	3.7657	-0.0051
35	30	HDR BIAS	3.7798	3.7717	-0.0081
36	30	HDR UNBIAS	3.7669	3.7625	-0.0044
37	30	HDR UNBIAS	3.7511	3.757	0.0059
38	30	HDR UNBIAS	3.7608	3.7573	-0.0035
39	30	HDR UNBIAS	3.7769	3.7766	-0.0003
40	30	HDR UNBIAS	3.7667	3.7707	0.004
41	50	HDR BIAS	3.7689	3.762	-0.0069
42	50	HDR BIAS	3.7644	3.751	-0.0134
43	50	HDR BIAS	3.7589	3.747	-0.0119
44	50	HDR BIAS	3.7695	3.757	-0.0125
45	50	HDR BIAS	3.7587	3.7451	-0.0136
46	50	HDR UNBIAS	3.7549	3.7526	-0.0023
47	50	HDR UNBIAS	3.7686	3.767	-0.0016
48	50	HDR UNBIAS	3.7769	3.7641	-0.0128
49	50	HDR UNBIAS	3.7699	3.762	-0.0079
50	50	HDR UNBIAS	3.763	3.7636	0.0006
51	100	HDR BIAS	3.7622	3.7451	-0.0171
52	100	HDR BIAS	3.7733	3.7467	-0.0266
53	100	HDR BIAS	3.7517	3.7302	-0.0215
54	100	HDR BIAS	3.7706	3.7516	-0.019
55	100	HDR BIAS	3.7602	3.7398	-0.0204
56	100	HDR UNBIAS	3.7639	3.768	0.0041
57	100	HDR UNBIAS	3.7528	3.7519	-0.0009
58	100	HDR UNBIAS	3.7568	3.7558	-0.001
59	100	HDR UNBIAS	3.7808	3.7854	0.0046
60	100	HDR UNBIAS	3.7765	3.776	-0.0005
71	0	CORRELATION	3.7617	3.7617	0
72	0	CORRELATION	3.7528	3.7526	-0.0002
73	0	CORRELATION	3.7608	3.761	0.0002

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	3.7528	3.7584	3.7617	0.0048993	3.7526	3.7584	3.7617	0.0050639	-0.0002	0	0.0002	0.0002
3	3.7483	3.7657	3.7769	0.0091252	3.7479	3.7653	3.7744	0.0088405	-0.0025	-0.00038	0.0016	0.0013903
10	3.758	3.7646	3.7736	0.004698	3.7586	3.7643	3.7754	0.0054481	-0.0056	-0.00032	0.0044	0.0030121
30	3.7459	3.7649	3.7798	0.011229	3.7372	3.7609	3.7766	0.011674	-0.0122	-0.00399	0.0059	0.0057321
50	3.7549	3.7654	3.7769	0.0066328	3.7451	3.7571	3.767	0.0077513	-0.0136	-0.00823	0.0006	0.0054479
100	3.7517	3.7649	3.7808	0.010039	3.7302	3.755	3.7854	0.016895	-0.0266	-0.00983	0.0046	0.012079

Device Test: 17.7 UVLO|VLDO_RISE/VLDO/4.5/4.5/0/1000/4.5/100kHz//@VLDO_UVLO_RISE





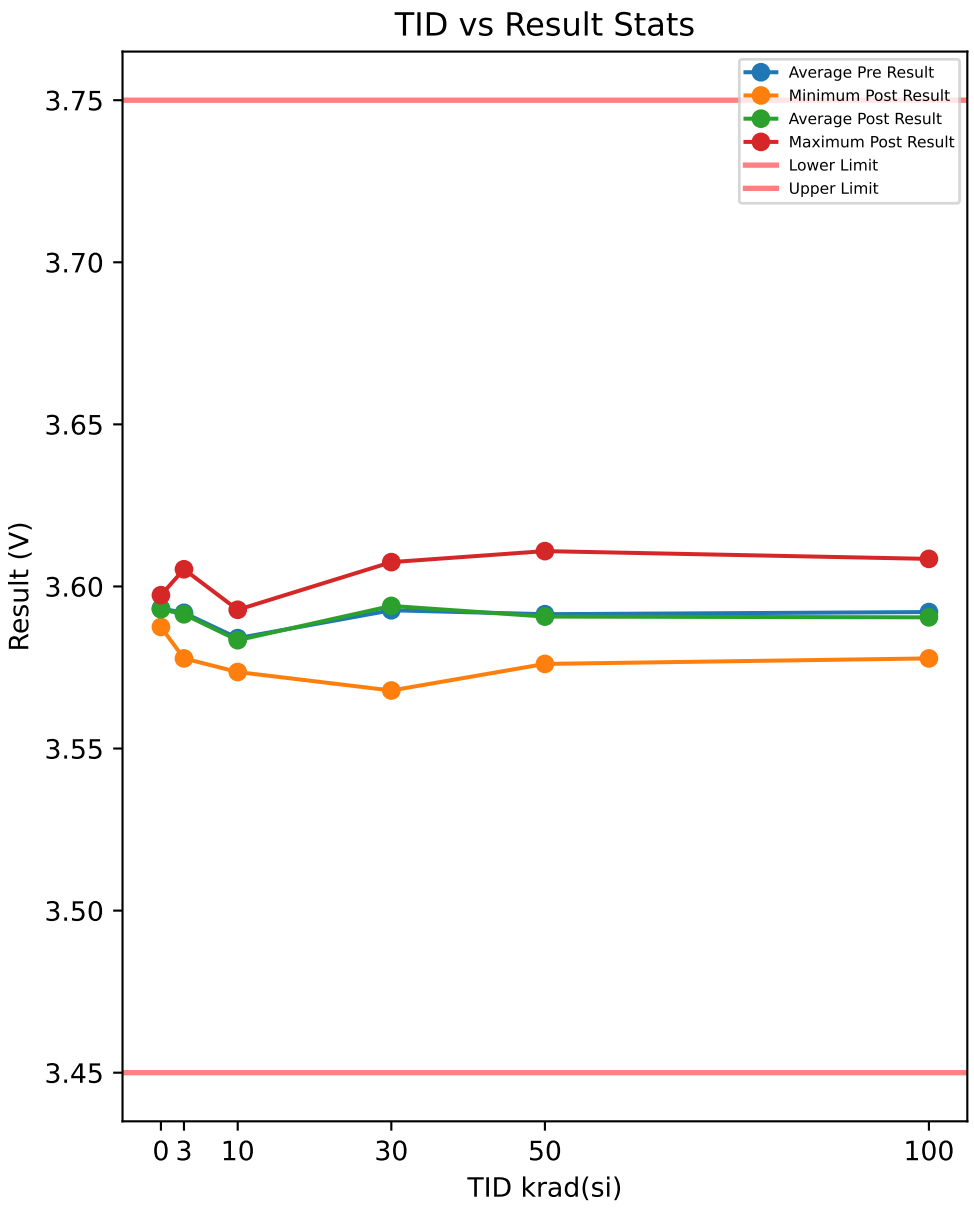
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

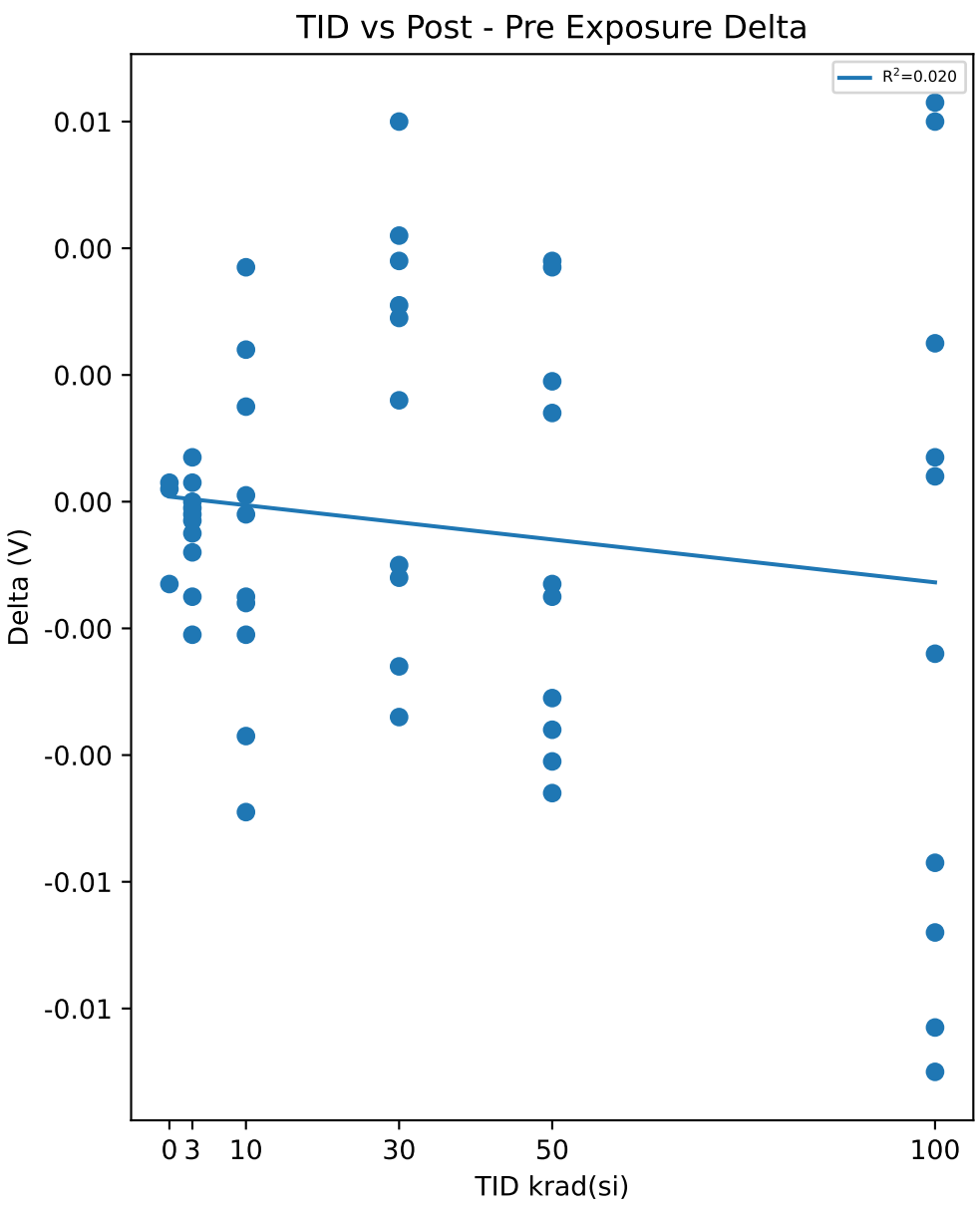
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.7908	3.7909	0.0001
2	3	HDR BIAS	3.7612	3.7611	-0.0001
3	3	HDR BIAS	3.769	3.7684	-0.0006
4	3	HDR BIAS	3.7817	3.7812	-0.0005
5	3	HDR BIAS	3.77	3.7679	-0.0021
6	3	HDR UNBIAS	3.7705	3.769	-0.0015
7	3	HDR UNBIAS	3.7711	3.77	-0.0011
8	3	HDR UNBIAS	3.7709	3.7701	-0.0008
9	3	HDR UNBIAS	3.7749	3.7734	-0.0015
10	3	HDR UNBIAS	3.7458	3.7453	-0.0005
11	10	HDR BIAS	3.7615	3.7601	-0.0014
12	10	HDR BIAS	3.7627	3.76	-0.0027
13	10	HDR BIAS	3.7698	3.7693	-0.0005
14	10	HDR BIAS	3.7587	3.7598	0.0011
15	10	HDR BIAS	3.763	3.7615	-0.0015
16	10	HDR UNBIAS	3.7605	3.7615	0.001
17	10	HDR UNBIAS	3.7743	3.7748	0.0005
18	10	HDR UNBIAS	3.7621	3.7615	-0.0006
19	10	HDR UNBIAS	3.7711	3.7693	-0.0018
20	10	HDR UNBIAS	3.7743	3.7745	0.0002
31	30	HDR BIAS	3.7814	3.7815	0.0001
32	30	HDR BIAS	3.7678	3.7661	-0.0017
33	30	HDR BIAS	3.753	3.7487	-0.0043
34	30	HDR BIAS	3.7655	3.7662	0.0007
35	30	HDR BIAS	3.7709	3.7701	-0.0008
36	30	HDR UNBIAS	3.7608	3.7622	0.0014
37	30	HDR UNBIAS	3.7567	3.7515	-0.0052
38	30	HDR UNBIAS	3.7637	3.7598	-0.0039
39	30	HDR UNBIAS	3.7696	3.7734	0.0038
40	30	HDR UNBIAS	3.7845	3.7768	-0.0077
41	50	HDR BIAS	3.7749	3.7689	-0.006
42	50	HDR BIAS	3.753	3.7537	0.0007
43	50	HDR BIAS	3.7739	3.7634	-0.0105
44	50	HDR BIAS	3.7749	3.7726	-0.0023
45	50	HDR BIAS	3.7727	3.7721	-0.0006
46	50	HDR UNBIAS	3.7667	3.7637	-0.003
47	50	HDR UNBIAS	3.7843	3.7851	0.0008
48	50	HDR UNBIAS	3.7649	3.7647	-0.0002
49	50	HDR UNBIAS	3.7873	3.79	0.0027
50	50	HDR UNBIAS	3.7784	3.7717	-0.0067
51	100	HDR BIAS	3.7861	3.7853	-0.0008
52	100	HDR BIAS	3.7714	3.7637	-0.0077
53	100	HDR BIAS	3.7721	3.7611	-0.011
54	100	HDR BIAS	3.7615	3.7697	0.0082
55	100	HDR BIAS	3.7648	3.7634	-0.0014
56	100	HDR UNBIAS	3.7659	3.7633	-0.0026
57	100	HDR UNBIAS	3.7502	3.7568	0.0066
58	100	HDR UNBIAS	3.7595	3.7643	0.0048
59	100	HDR UNBIAS	3.7799	3.7798	-0.0001
60	100	HDR UNBIAS	3.7736	3.7662	-0.0074
71	0	CORRELATION	3.7756	3.7747	-0.0009
72	0	CORRELATION	3.7715	3.7708	-0.0007
73	0	CORRELATION	3.7873	3.7878	0.0005

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	3.7715	3.7781	3.7873	0.008199	3.7708	3.7778	3.7878	0.0089052	-0.0009	-0.00036667	0.0005	0.00075719
3	3.7458	3.7706	3.7908	0.011815	3.7453	3.7697	3.7909	0.011881	-0.0021	-0.00086	0.0001	0.0006867
10	3.7587	3.7658	3.7743	0.0059322	3.7598	3.7652	3.7748	0.0061059	-0.0027	-0.00057	0.0011	0.0012737
30	3.753	3.7674	3.7845	0.0099352	3.7487	3.7656	3.7815	0.010486	-0.0077	-0.00176	0.0038	0.0034878
50	3.753	3.7731	3.7873	0.0098582	3.7537	3.7706	3.79	0.010629	-0.0105	-0.00251	0.0027	0.0040994
100	3.7502	3.7685	3.7861	0.010395	3.7568	3.7674	3.7853	0.0087499	-0.011	-0.00114	0.0082	0.0063706

Device Test: 17.8 UVLO|VLDO_FALL/VLDO/4.5/4.5/0/1000/4.5/100kHz//@VLDO_UVLO_FALL





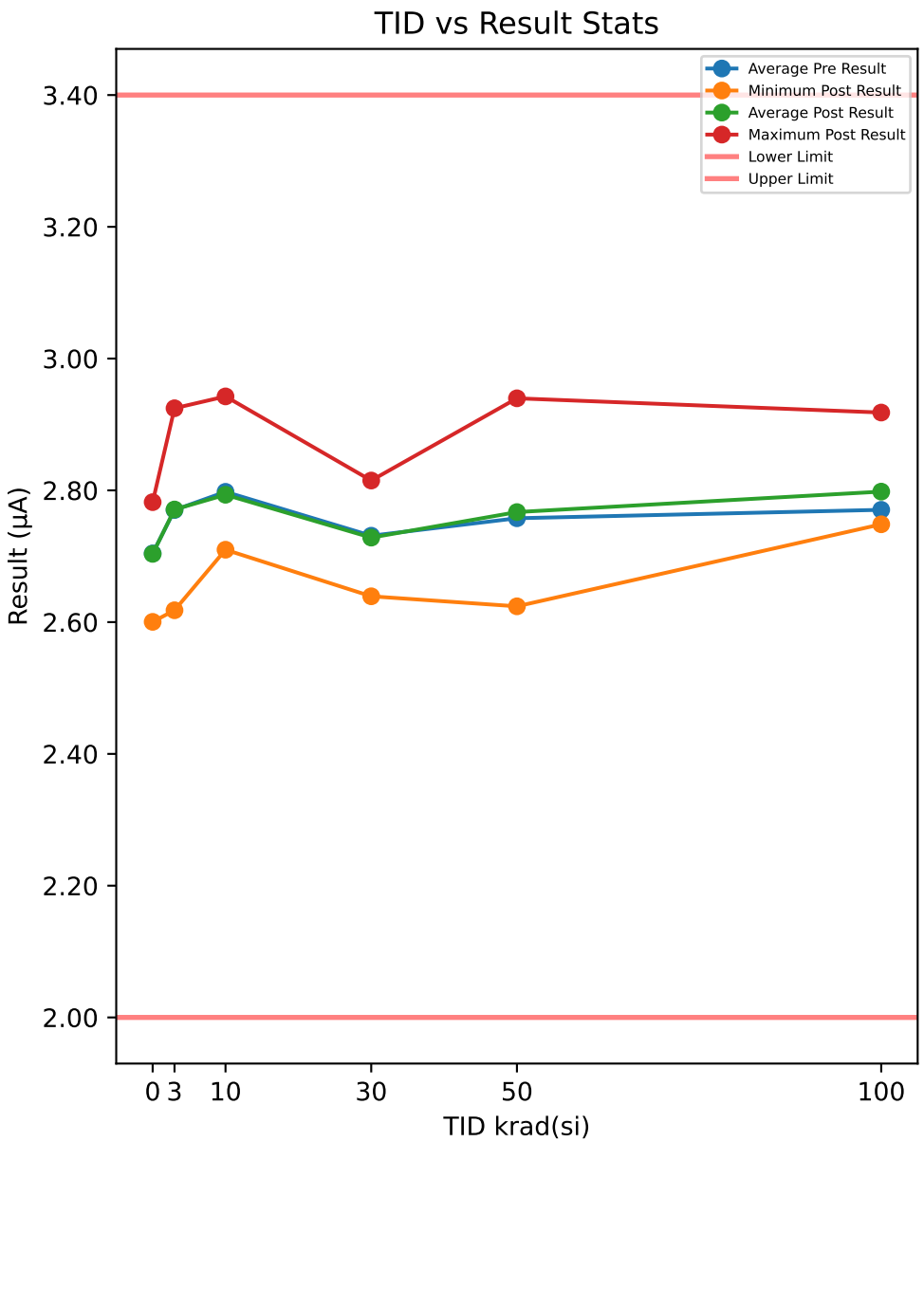
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

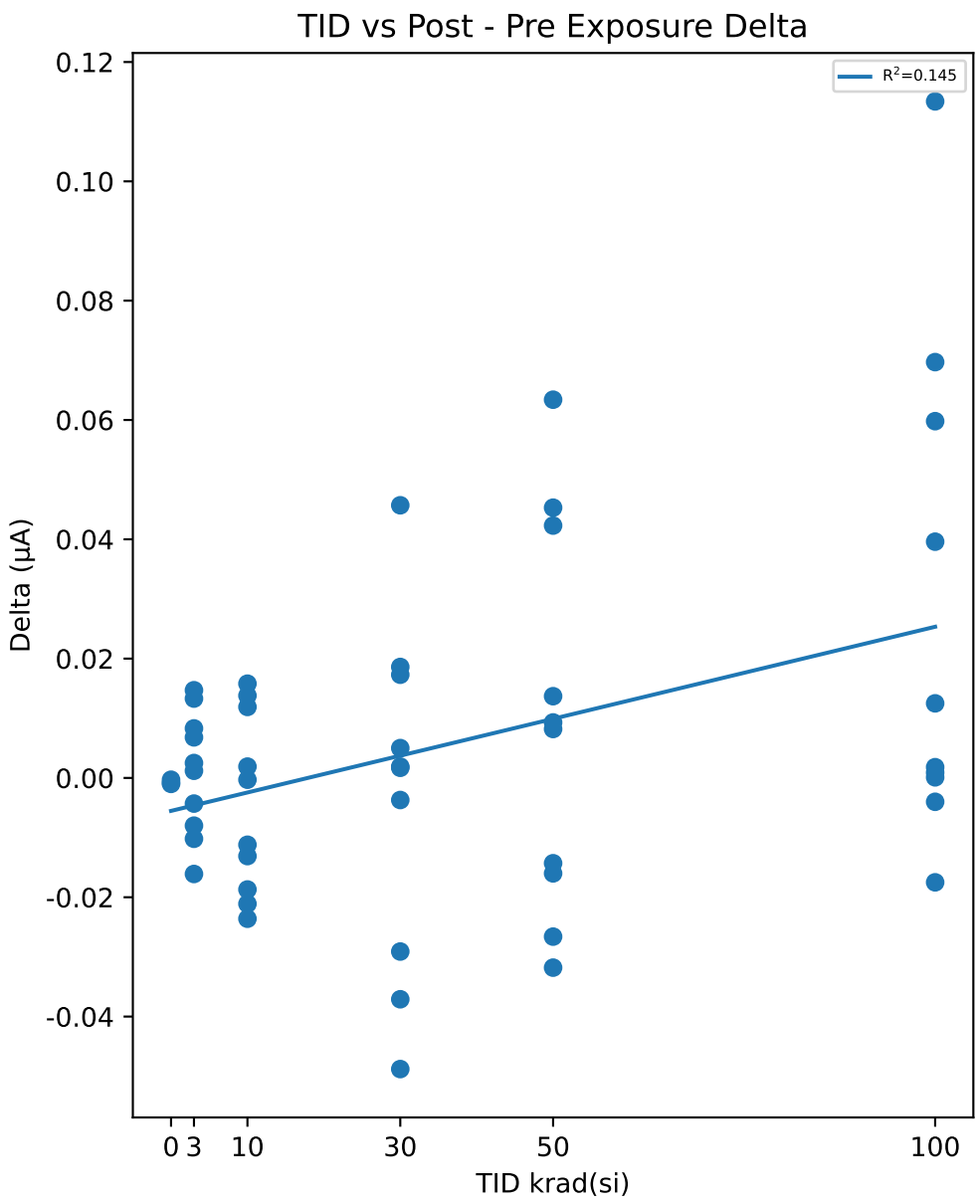
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.6046	3.6053	0.0007
2	3	HDR BIAS	3.5904	3.5903	-0.0001
3	3	HDR BIAS	3.5956	3.5954	-0.0002
4	3	HDR BIAS	3.5927	3.5922	-0.0005
5	3	HDR BIAS	3.5866	3.5866	0
6	3	HDR UNBIAS	3.5947	3.5926	-0.0021
7	3	HDR UNBIAS	3.5965	3.5962	-0.0003
8	3	HDR UNBIAS	3.591	3.5913	0.0003
9	3	HDR UNBIAS	3.5872	3.5864	-0.0008
10	3	HDR UNBIAS	3.5793	3.5778	-0.0015
11	10	HDR BIAS	3.5848	3.5832	-0.0016
12	10	HDR BIAS	3.5813	3.5776	-0.0037
13	10	HDR BIAS	3.5924	3.5903	-0.0021
14	10	HDR BIAS	3.5891	3.5928	0.0037
15	10	HDR BIAS	3.5794	3.5779	-0.0015
16	10	HDR UNBIAS	3.5846	3.5844	-0.0002
17	10	HDR UNBIAS	3.5838	3.5853	0.0015
18	10	HDR UNBIAS	3.5785	3.5736	-0.0049
19	10	HDR UNBIAS	3.5815	3.5816	0.0001
20	10	HDR UNBIAS	3.5851	3.5875	0.0024
31	30	HDR BIAS	3.6033	3.6075	0.0042
32	30	HDR BIAS	3.5954	3.5928	-0.0026
33	30	HDR BIAS	3.5713	3.5679	-0.0034
34	30	HDR BIAS	3.5874	3.5903	0.0029
35	30	HDR BIAS	3.6001	3.5991	-0.001
36	30	HDR UNBIAS	3.5916	3.5976	0.006
37	30	HDR UNBIAS	3.584	3.5856	0.0016
38	30	HDR UNBIAS	3.5922	3.5953	0.0031
39	30	HDR UNBIAS	3.5947	3.5985	0.0038
40	30	HDR UNBIAS	3.6065	3.6053	-0.0012
41	50	HDR BIAS	3.5966	3.5953	-0.0013
42	50	HDR BIAS	3.5838	3.5876	0.0038
43	50	HDR BIAS	3.5852	3.5866	0.0014
44	50	HDR BIAS	3.5844	3.5863	0.0019
45	50	HDR BIAS	3.5897	3.5851	-0.0046
46	50	HDR UNBIAS	3.5815	3.5784	-0.0031
47	50	HDR UNBIAS	3.6085	3.6044	-0.0041
48	50	HDR UNBIAS	3.5797	3.5761	-0.0036
49	50	HDR UNBIAS	3.6124	3.6109	-0.0015
50	50	HDR UNBIAS	3.5926	3.5963	0.0037
51	100	HDR BIAS	3.5997	3.6004	0.0007
52	100	HDR BIAS	3.5918	3.5922	0.0004
53	100	HDR BIAS	3.5835	3.5778	-0.0057
54	100	HDR BIAS	3.5935	3.5845	-0.009
55	100	HDR BIAS	3.594	3.5872	-0.0068
56	100	HDR UNBIAS	3.6022	3.6085	0.0063
57	100	HDR UNBIAS	3.5816	3.5792	-0.0024
58	100	HDR UNBIAS	3.5815	3.5875	0.006
59	100	HDR UNBIAS	3.6038	3.6063	0.0025
60	100	HDR UNBIAS	3.5894	3.5811	-0.0083
71	0	CORRELATION	3.5954	3.5941	-0.0013
72	0	CORRELATION	3.5872	3.5875	0.0003
73	0	CORRELATION	3.5971	3.5973	0.0002

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	3.5872	3.5932	3.5971	0.0052937	3.5875	3.593	3.5973	0.0049973	-0.0013	-0.00026667	0.0003	0.00089629
3	3.5793	3.5919	3.6046	0.0068036	3.5778	3.5914	3.6053	0.0072153	-0.0021	-0.00045	0.0007	0.000833
10	3.5785	3.584	3.5924	0.0042654	3.5736	3.5834	3.5928	0.0059684	-0.0049	-0.00063	0.0037	0.0026812
30	3.5713	3.5926	3.6065	0.010176	3.5679	3.594	3.6075	0.011244	-0.0034	0.00134	0.006	0.0031879
50	3.5797	3.5914	3.6124	0.011279	3.5761	3.5907	3.6109	0.011004	-0.0046	-0.00074	0.0038	0.0032094
100	3.5815	3.5921	3.6038	0.0082069	3.5778	3.5905	3.6085	0.011094	-0.009	-0.00163	0.0063	0.0056804

Device Test: 18.1 CURRENT|SS_0p3V/SS/4.5/4.5/0/1000/4.5/100kHz//@I_SS





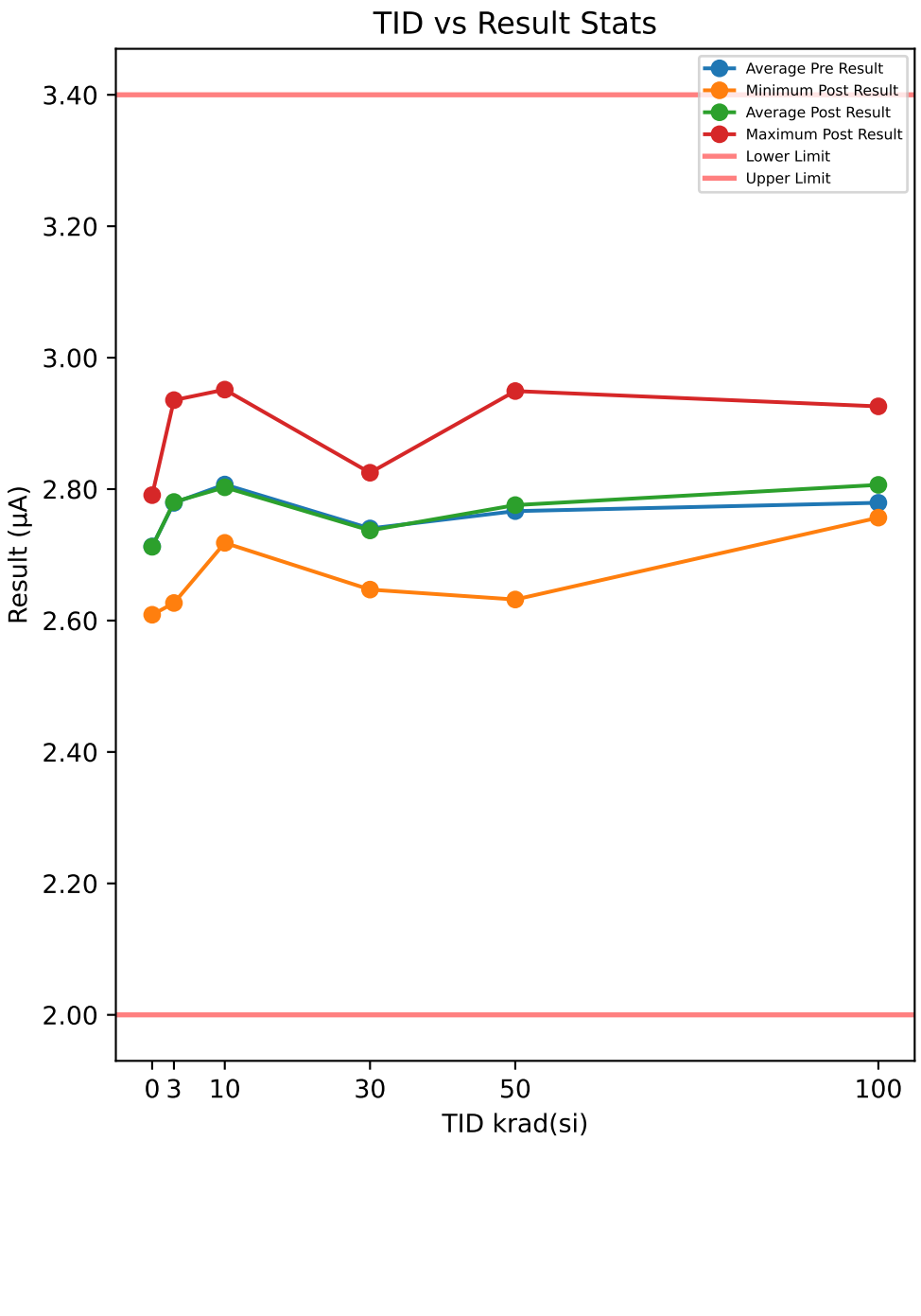
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

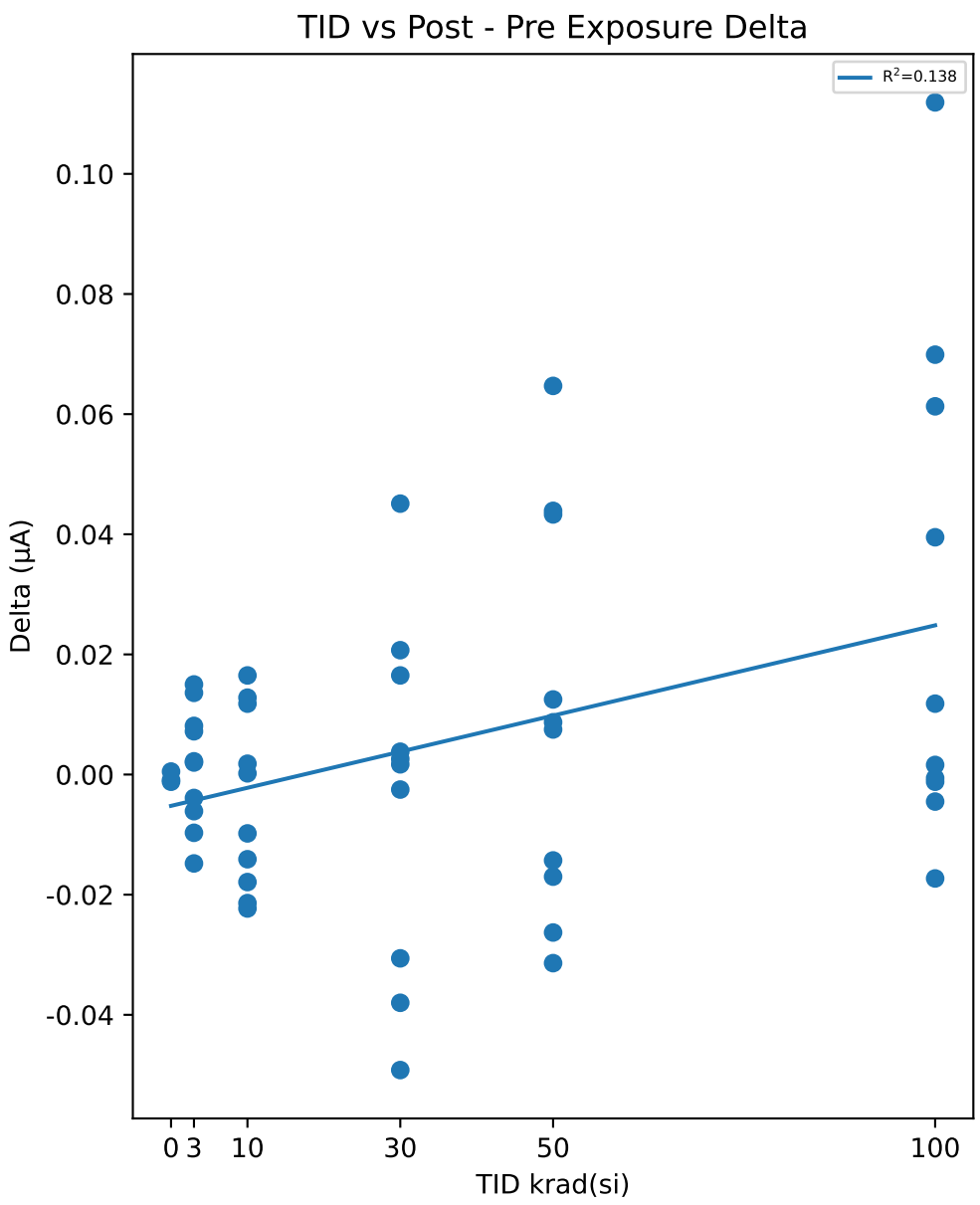
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.7002	2.7014	0.0012
2	3	HDR BIAS	2.6112	2.618	0.0068
3	3	HDR BIAS	2.8076	2.8101	0.0025
4	3	HDR BIAS	2.7937	2.807	0.0133
5	3	HDR BIAS	2.8135	2.7974	-0.0161
6	3	HDR UNBIAS	2.7717	2.7674	-0.0043
7	3	HDR UNBIAS	2.7654	2.7737	0.0083
8	3	HDR UNBIAS	2.9326	2.9246	-0.008
9	3	HDR UNBIAS	2.6634	2.6781	0.0147
10	3	HDR UNBIAS	2.8421	2.8319	-0.0102
11	10	HDR BIAS	2.8291	2.8449	0.0158
12	10	HDR BIAS	2.7312	2.7431	0.0119
13	10	HDR BIAS	2.8808	2.8827	0.0019
14	10	HDR BIAS	2.7743	2.7631	-0.0112
15	10	HDR BIAS	2.7519	2.7388	-0.0131
16	10	HDR UNBIAS	2.731	2.7099	-0.0211
17	10	HDR UNBIAS	2.7689	2.7502	-0.0187
18	10	HDR UNBIAS	2.8366	2.8363	-0.0003
19	10	HDR UNBIAS	2.9288	2.9426	0.0138
20	10	HDR UNBIAS	2.7452	2.7216	-0.0236
31	30	HDR BIAS	2.6683	2.6392	-0.0291
32	30	HDR BIAS	2.7554	2.774	0.0186
33	30	HDR BIAS	2.7063	2.752	0.0457
34	30	HDR BIAS	2.7815	2.7988	0.0173
35	30	HDR BIAS	2.721	2.7227	0.0017
36	30	HDR UNBIAS	2.7603	2.7566	-0.0037
37	30	HDR UNBIAS	2.6599	2.6618	0.0019
38	30	HDR UNBIAS	2.714	2.719	0.005
39	30	HDR UNBIAS	2.8637	2.8149	-0.0488
40	30	HDR UNBIAS	2.6809	2.6438	-0.0371
41	50	HDR BIAS	2.6621	2.6461	-0.016
42	50	HDR BIAS	2.8273	2.8366	0.0093
43	50	HDR BIAS	2.6793	2.6875	0.0082
44	50	HDR BIAS	2.7803	2.8437	0.0634
45	50	HDR BIAS	2.7944	2.7626	-0.0318
46	50	HDR UNBIAS	2.7795	2.8248	0.0453
47	50	HDR UNBIAS	2.7284	2.7018	-0.0266
48	50	HDR UNBIAS	2.6383	2.624	-0.0143
49	50	HDR UNBIAS	2.926	2.9397	0.0137
50	50	HDR UNBIAS	2.7611	2.8034	0.0423
51	100	HDR BIAS	2.7549	2.7674	0.0125
52	100	HDR BIAS	2.7146	2.7843	0.0697
53	100	HDR BIAS	2.7789	2.7614	-0.0175
54	100	HDR BIAS	2.8047	2.9181	0.1134
55	100	HDR BIAS	2.7586	2.7604	0.0018
56	100	HDR UNBIAS	2.7309	2.7907	0.0598
57	100	HDR UNBIAS	2.8429	2.843	0.0001
58	100	HDR UNBIAS	2.7624	2.7633	0.0009
59	100	HDR UNBIAS	2.7525	2.7485	-0.004
60	100	HDR UNBIAS	2.8041	2.8437	0.0396
71	0	CORRELATION	2.7291	2.7283	-0.0008
72	0	CORRELATION	2.6014	2.6004	-0.001
73	0	CORRELATION	2.7824	2.7821	-0.0003

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6014	2.7043	2.7824	0.093014	2.6004	2.7036	2.7821	0.093334	-0.001	-0.0007	-0.0003	0.00036056
3	2.6112	2.7701	2.9326	0.092485	2.618	2.771	2.9246	0.086748	-0.0161	0.00082	0.0147	0.0103
10	2.731	2.7978	2.9288	0.068064	2.7099	2.7933	2.9426	0.078281	-0.0236	-0.00446	0.0158	0.015038
30	2.6599	2.7311	2.8637	0.061562	2.6392	2.7283	2.8149	0.06284	-0.0488	-0.00285	0.0457	0.028485
50	2.6383	2.7577	2.926	0.085579	2.624	2.767	2.9397	0.10048	-0.0318	0.00935	0.0634	0.032502
100	2.7146	2.7704	2.8429	0.03812	2.7485	2.7981	2.9181	0.053875	-0.0175	0.02763	0.1134	0.04178

Device Test: 18.13 CURRENT|SS_0p3V/SS/14/14/0/1000/5/100kHz//@I_SS





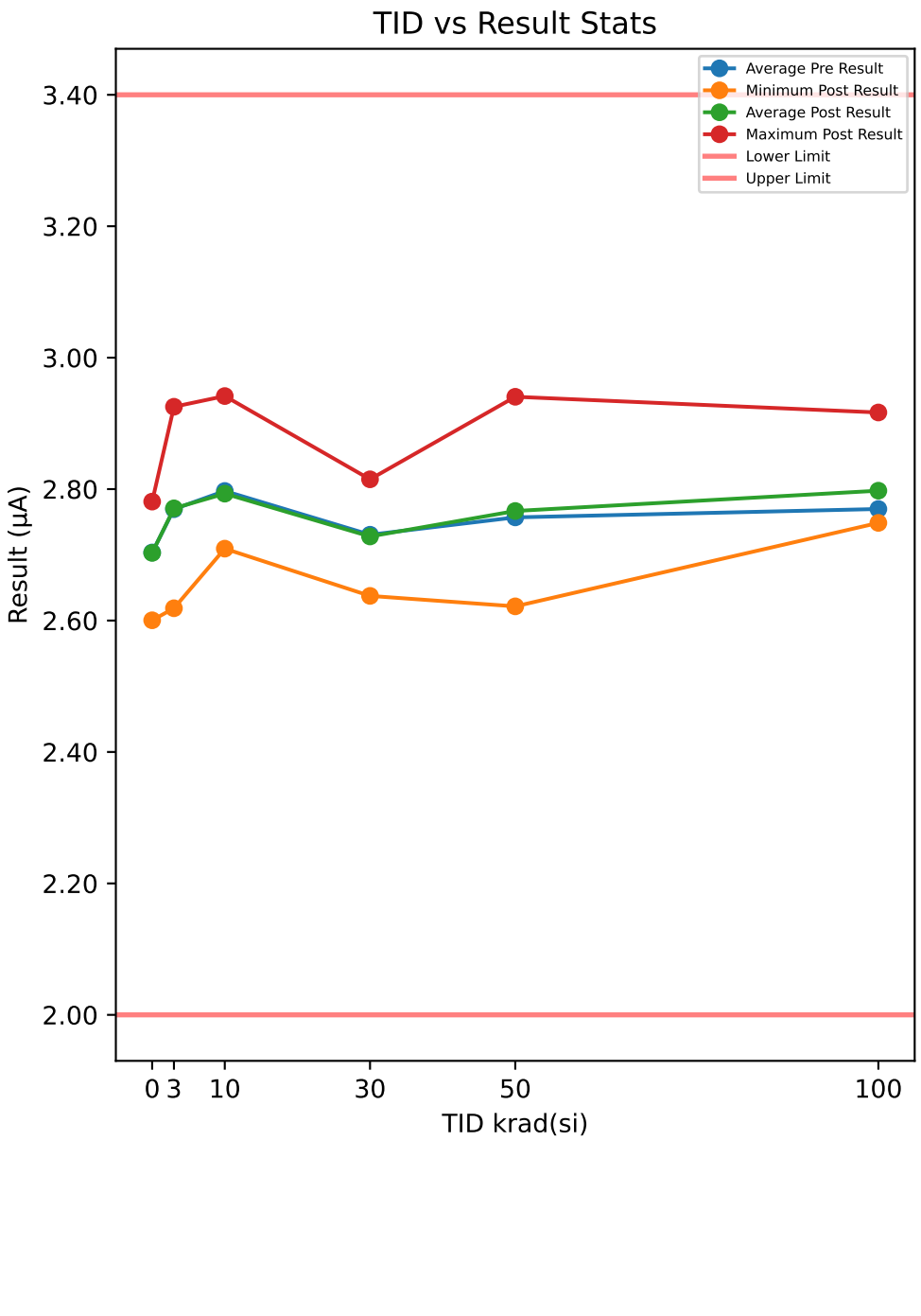
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

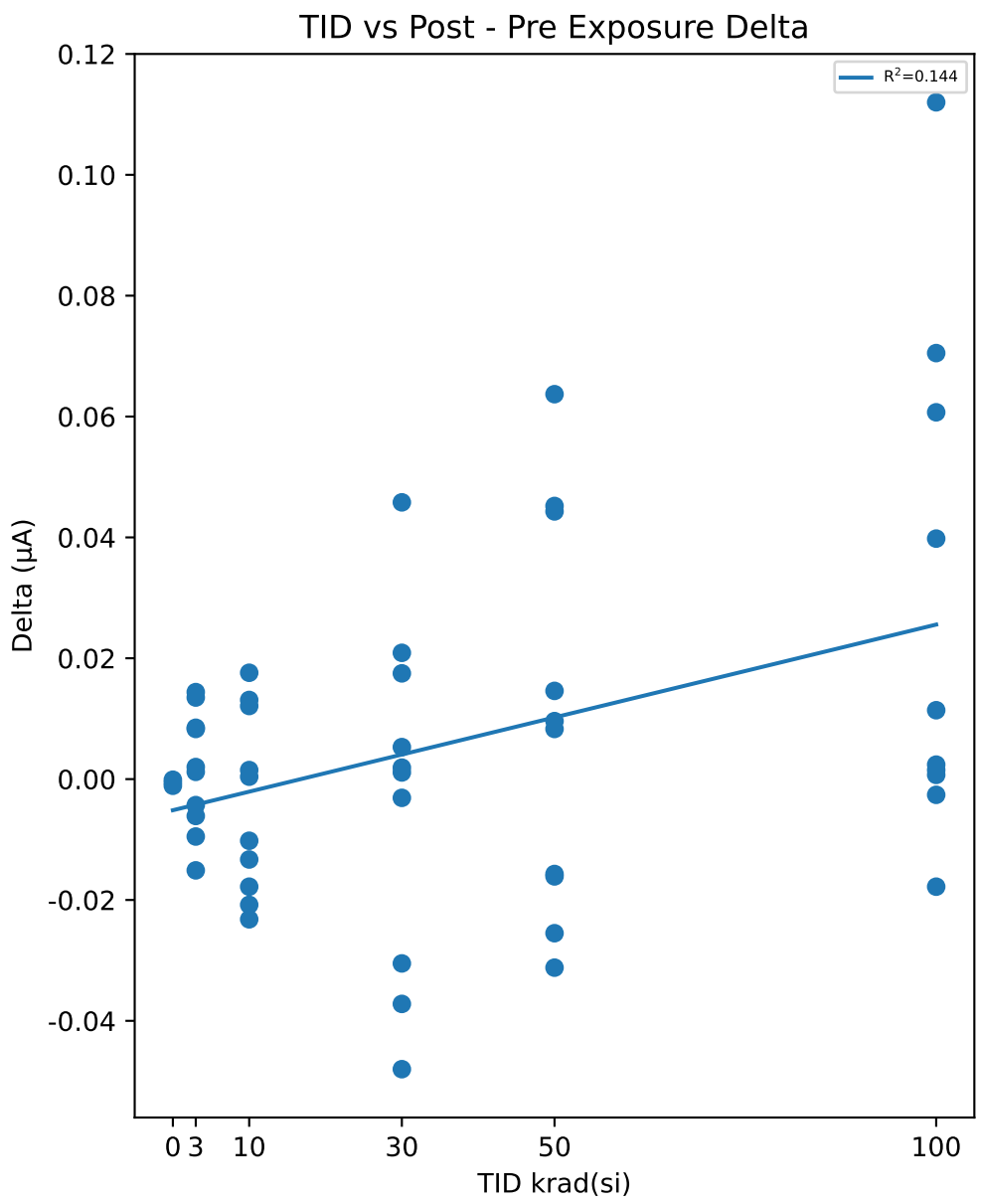
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.7081	2.7101	0.002
2	3	HDR BIAS	2.6195	2.6267	0.0072
3	3	HDR BIAS	2.8173	2.8195	0.0022
4	3	HDR BIAS	2.8039	2.8175	0.0136
5	3	HDR BIAS	2.8226	2.8078	-0.0148
6	3	HDR UNBIAS	2.7806	2.7767	-0.0039
7	3	HDR UNBIAS	2.7741	2.7822	0.0081
8	3	HDR UNBIAS	2.9415	2.9354	-0.0061
9	3	HDR UNBIAS	2.6717	2.6867	0.015
10	3	HDR UNBIAS	2.8511	2.8414	-0.0097
11	10	HDR BIAS	2.8392	2.8557	0.0165
12	10	HDR BIAS	2.74	2.7518	0.0118
13	10	HDR BIAS	2.8894	2.8912	0.0018
14	10	HDR BIAS	2.7836	2.7738	-0.0098
15	10	HDR BIAS	2.7612	2.7471	-0.0141
16	10	HDR UNBIAS	2.7396	2.7182	-0.0214
17	10	HDR UNBIAS	2.7779	2.76	-0.0179
18	10	HDR UNBIAS	2.8454	2.8456	0.0002
19	10	HDR UNBIAS	2.9386	2.9514	0.0128
20	10	HDR UNBIAS	2.7549	2.7326	-0.0223
31	30	HDR BIAS	2.6777	2.6471	-0.0306
32	30	HDR BIAS	2.7638	2.7845	0.0207
33	30	HDR BIAS	2.7145	2.7596	0.0451
34	30	HDR BIAS	2.7909	2.8074	0.0165
35	30	HDR BIAS	2.7288	2.7314	0.0026
36	30	HDR UNBIAS	2.7689	2.7664	-0.0025
37	30	HDR UNBIAS	2.6683	2.67	0.0017
38	30	HDR UNBIAS	2.7237	2.7275	0.0038
39	30	HDR UNBIAS	2.8741	2.8249	-0.0492
40	30	HDR UNBIAS	2.6907	2.6527	-0.038
41	50	HDR BIAS	2.6703	2.6533	-0.017
42	50	HDR BIAS	2.8363	2.845	0.0087
43	50	HDR BIAS	2.6879	2.6954	0.0075
44	50	HDR BIAS	2.7888	2.8535	0.0647
45	50	HDR BIAS	2.8028	2.7714	-0.0314
46	50	HDR UNBIAS	2.7883	2.8322	0.0439
47	50	HDR UNBIAS	2.7374	2.7111	-0.0263
48	50	HDR UNBIAS	2.6463	2.632	-0.0143
49	50	HDR UNBIAS	2.9367	2.9492	0.0125
50	50	HDR UNBIAS	2.7702	2.8135	0.0433
51	100	HDR BIAS	2.7643	2.7761	0.0118
52	100	HDR BIAS	2.7229	2.7928	0.0699
53	100	HDR BIAS	2.7879	2.7706	-0.0173
54	100	HDR BIAS	2.814	2.9259	0.1119
55	100	HDR BIAS	2.7673	2.7689	0.0016
56	100	HDR UNBIAS	2.7384	2.7997	0.0613
57	100	HDR UNBIAS	2.8515	2.8503	-0.0012
58	100	HDR UNBIAS	2.7703	2.7697	-0.0006
59	100	HDR UNBIAS	2.7611	2.7566	-0.0045
60	100	HDR UNBIAS	2.8143	2.8538	0.0395
71	0	CORRELATION	2.738	2.7371	-0.0009
72	0	CORRELATION	2.61	2.6088	-0.0012
73	0	CORRELATION	2.7903	2.7908	0.0005

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.61	2.7128	2.7903	0.092761	2.6088	2.7122	2.7908	0.093513	-0.0012	-0.00053333	0.0005	0.00090738
3	2.6195	2.779	2.9415	0.092856	2.6267	2.7804	2.9354	0.08741	-0.0148	0.00136	0.015	0.0099068
10	2.7396	2.807	2.9386	0.068197	2.7182	2.8027	2.9514	0.078165	-0.0223	-0.00424	0.0165	0.014792
30	2.6683	2.7401	2.8741	0.061886	2.6471	2.7371	2.8249	0.063345	-0.0492	-0.00299	0.0451	0.028823
50	2.6463	2.7665	2.9367	0.086198	2.632	2.7757	2.9492	0.10102	-0.0314	0.00916	0.0647	0.032674
100	2.7229	2.7792	2.8515	0.038515	2.7566	2.8064	2.9259	0.053869	-0.0173	0.02724	0.1119	0.041858

Device Test: 18.17 CURRENT|SS_0p3V/SS/4.5/4.5/0/1000/4.5/500kHz//@I_SS





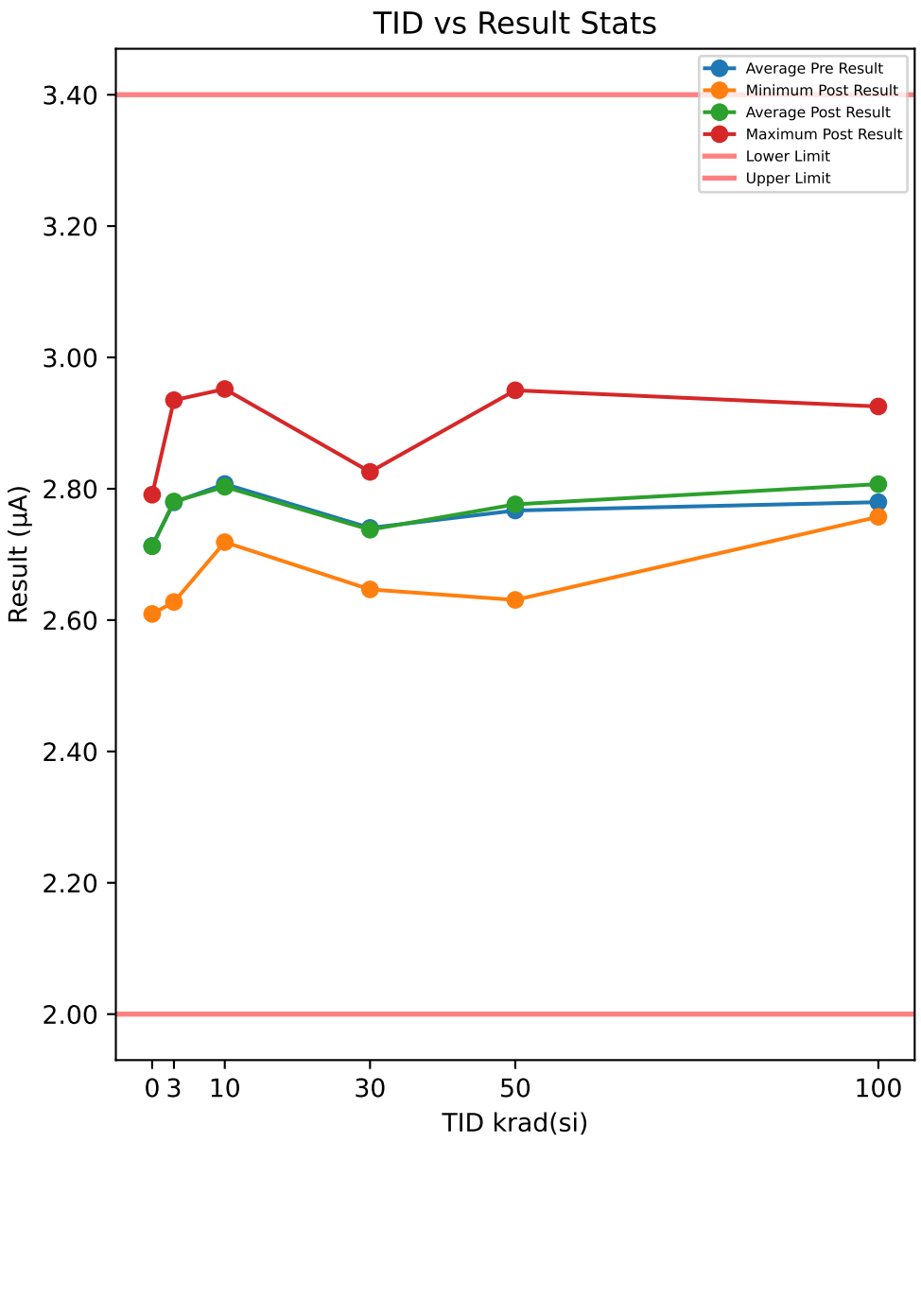
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

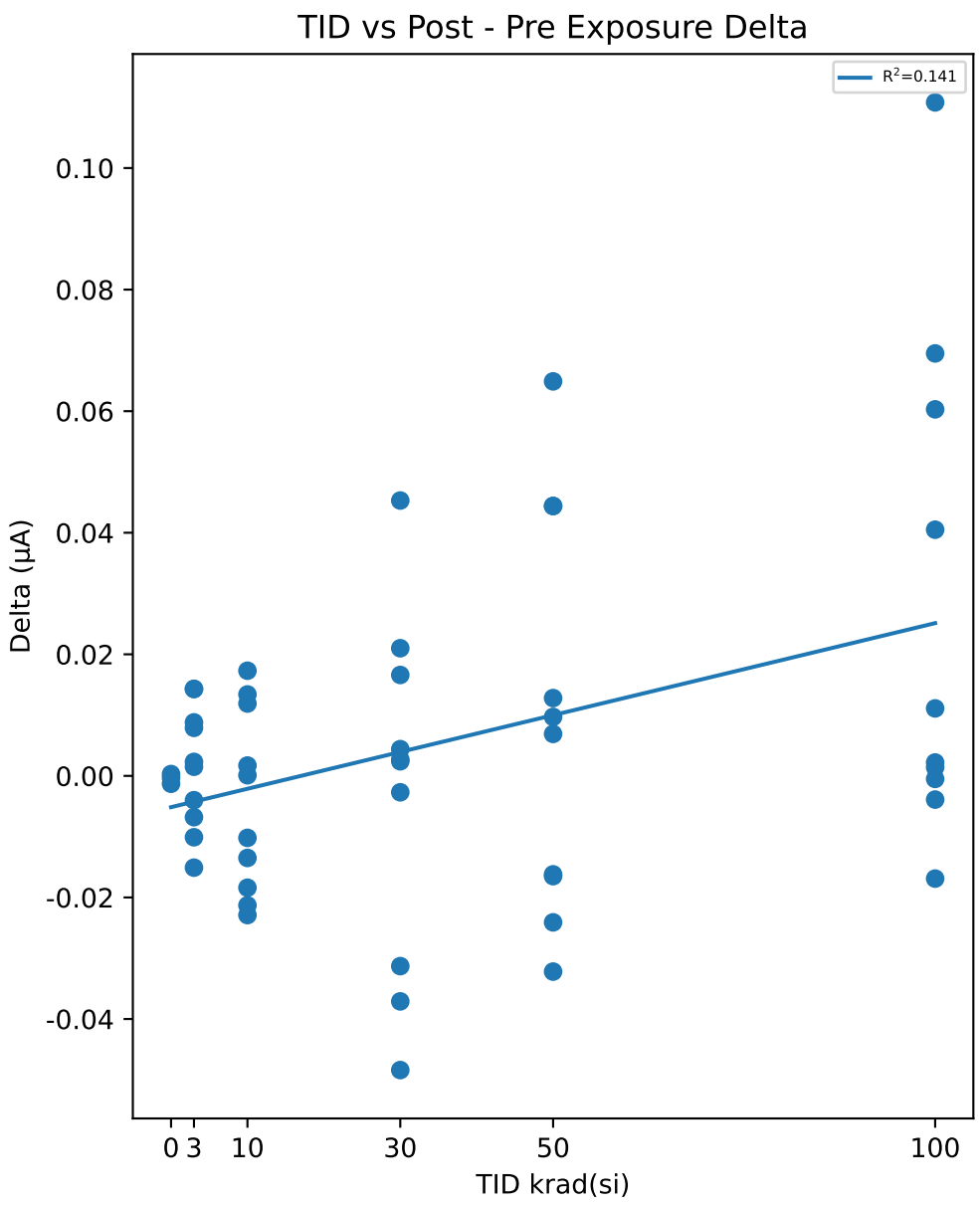
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.6994	2.7006	0.0012
2	3	HDR BIAS	2.6104	2.6187	0.0083
3	3	HDR BIAS	2.8071	2.8091	0.002
4	3	HDR BIAS	2.7927	2.8062	0.0135
5	3	HDR BIAS	2.8129	2.7978	-0.0151
6	3	HDR UNBIAS	2.7713	2.767	-0.0043
7	3	HDR UNBIAS	2.7651	2.7736	0.0085
8	3	HDR UNBIAS	2.9314	2.9253	-0.0061
9	3	HDR UNBIAS	2.6628	2.6772	0.0144
10	3	HDR UNBIAS	2.8413	2.8318	-0.0095
11	10	HDR BIAS	2.8282	2.8458	0.0176
12	10	HDR BIAS	2.7303	2.7424	0.0121
13	10	HDR BIAS	2.8804	2.8819	0.0015
14	10	HDR BIAS	2.774	2.7638	-0.0102
15	10	HDR BIAS	2.7513	2.738	-0.0133
16	10	HDR UNBIAS	2.7302	2.7094	-0.0208
17	10	HDR UNBIAS	2.7684	2.7506	-0.0178
18	10	HDR UNBIAS	2.8354	2.8358	0.0004
19	10	HDR UNBIAS	2.9285	2.9416	0.0131
20	10	HDR UNBIAS	2.7448	2.7216	-0.0232
31	30	HDR BIAS	2.668	2.6375	-0.0305
32	30	HDR BIAS	2.7545	2.7754	0.0209
33	30	HDR BIAS	2.7056	2.7514	0.0458
34	30	HDR BIAS	2.7811	2.7986	0.0175
35	30	HDR BIAS	2.7196	2.7215	0.0019
36	30	HDR UNBIAS	2.7599	2.7568	-0.0031
37	30	HDR UNBIAS	2.6596	2.6607	0.0011
38	30	HDR UNBIAS	2.714	2.7193	0.0053
39	30	HDR UNBIAS	2.8629	2.8149	-0.048
40	30	HDR UNBIAS	2.6806	2.6434	-0.0372
41	50	HDR BIAS	2.6612	2.6451	-0.0161
42	50	HDR BIAS	2.8266	2.8362	0.0096
43	50	HDR BIAS	2.6782	2.6865	0.0083
44	50	HDR BIAS	2.7795	2.8432	0.0637
45	50	HDR BIAS	2.7941	2.7629	-0.0312
46	50	HDR UNBIAS	2.7789	2.8241	0.0452
47	50	HDR UNBIAS	2.7278	2.7023	-0.0255
48	50	HDR UNBIAS	2.6373	2.6216	-0.0157
49	50	HDR UNBIAS	2.9259	2.9405	0.0146
50	50	HDR UNBIAS	2.7603	2.8046	0.0443
51	100	HDR BIAS	2.7543	2.7657	0.0114
52	100	HDR BIAS	2.7138	2.7843	0.0705
53	100	HDR BIAS	2.7784	2.7606	-0.0178
54	100	HDR BIAS	2.8046	2.9166	0.112
55	100	HDR BIAS	2.7579	2.7603	0.0024
56	100	HDR UNBIAS	2.73	2.7907	0.0607
57	100	HDR UNBIAS	2.8419	2.8426	0.0007
58	100	HDR UNBIAS	2.7612	2.7627	0.0015
59	100	HDR UNBIAS	2.7512	2.7486	-0.0026
60	100	HDR UNBIAS	2.8039	2.8437	0.0398
71	0	CORRELATION	2.7286	2.7275	-0.0011
72	0	CORRELATION	2.6005	2.6004	-0.0001
73	0	CORRELATION	2.7816	2.781	-0.0006

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6005	2.7036	2.7816	0.093109	2.6004	2.703	2.781	0.092766	-0.0011	-0.0006	-0.0001	0.0005
3	2.6104	2.7694	2.9314	0.092398	2.6187	2.7707	2.9253	0.08685	-0.0151	0.00129	0.0144	0.0099639
10	2.7302	2.7971	2.9285	0.068123	2.7094	2.7931	2.9416	0.078122	-0.0232	-0.00406	0.0176	0.015033
30	2.6596	2.7306	2.8629	0.061432	2.6375	2.7279	2.8149	0.063381	-0.048	-0.00263	0.0458	0.028737
50	2.6373	2.757	2.9259	0.085837	2.6216	2.7667	2.9405	0.10113	-0.0312	0.00972	0.0637	0.032697
100	2.7138	2.7697	2.8419	0.038251	2.7486	2.7976	2.9166	0.053679	-0.0178	0.02786	0.112	0.041477

Device Test: 18.21 CURRENT|SS_0p3V/SS/5/5/0/1000/5/500kHz//@I_SS





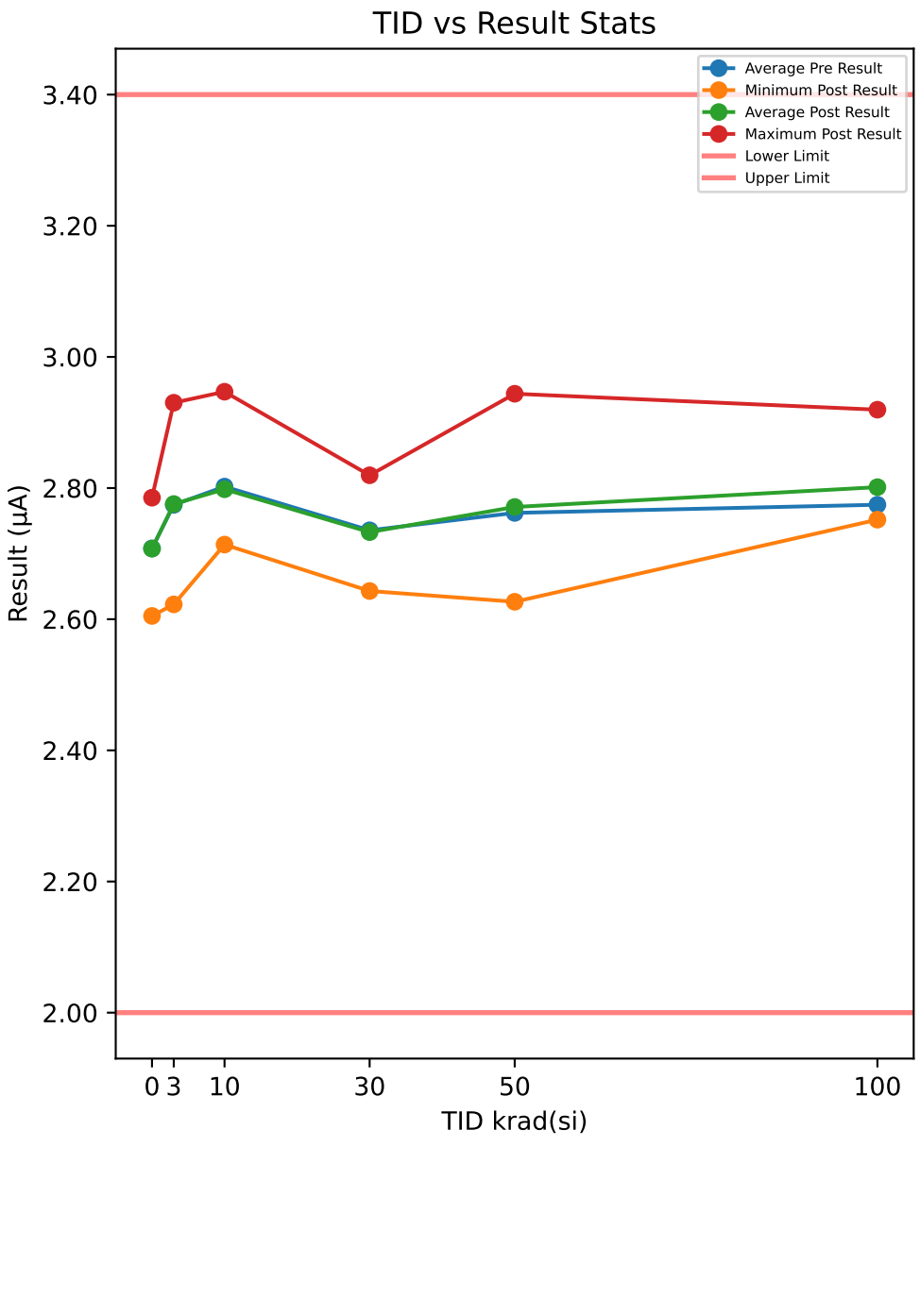
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

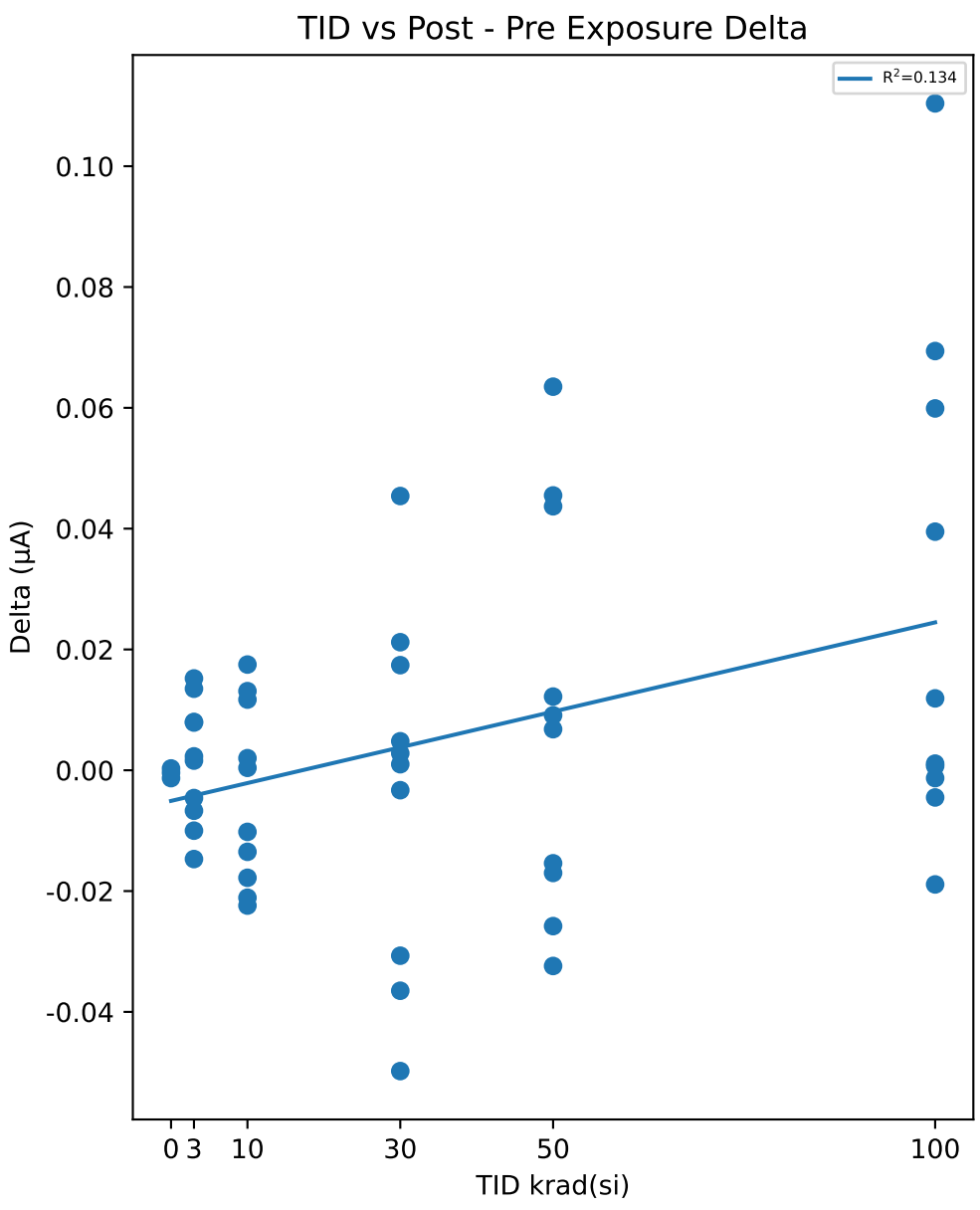
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.7086	2.7101	0.0015
2	3	HDR BIAS	2.6197	2.6276	0.0079
3	3	HDR BIAS	2.8173	2.8196	0.0023
4	3	HDR BIAS	2.8029	2.8172	0.0143
5	3	HDR BIAS	2.8228	2.8077	-0.0151
6	3	HDR UNBIAS	2.781	2.777	-0.004
7	3	HDR UNBIAS	2.7741	2.7829	0.0088
8	3	HDR UNBIAS	2.9417	2.9349	-0.0068
9	3	HDR UNBIAS	2.6728	2.6871	0.0143
10	3	HDR UNBIAS	2.852	2.8419	-0.0101
11	10	HDR BIAS	2.8389	2.8562	0.0173
12	10	HDR BIAS	2.7401	2.752	0.0119
13	10	HDR BIAS	2.8897	2.8914	0.0017
14	10	HDR BIAS	2.7842	2.774	-0.0102
15	10	HDR BIAS	2.7617	2.7482	-0.0135
16	10	HDR UNBIAS	2.74	2.7187	-0.0213
17	10	HDR UNBIAS	2.778	2.7596	-0.0184
18	10	HDR UNBIAS	2.8458	2.8459	0.0001
19	10	HDR UNBIAS	2.9385	2.9519	0.0134
20	10	HDR UNBIAS	2.7553	2.7324	-0.0229
31	30	HDR BIAS	2.678	2.6467	-0.0313
32	30	HDR BIAS	2.764	2.785	0.021
33	30	HDR BIAS	2.7154	2.7607	0.0453
34	30	HDR BIAS	2.7913	2.8079	0.0166
35	30	HDR BIAS	2.7293	2.732	0.0027
36	30	HDR UNBIAS	2.7691	2.7664	-0.0027
37	30	HDR UNBIAS	2.6684	2.6708	0.0024
38	30	HDR UNBIAS	2.7236	2.728	0.0044
39	30	HDR UNBIAS	2.8741	2.8257	-0.0484
40	30	HDR UNBIAS	2.6904	2.6533	-0.0371
41	50	HDR BIAS	2.6704	2.6539	-0.0165
42	50	HDR BIAS	2.8366	2.8463	0.0097
43	50	HDR BIAS	2.6885	2.6954	0.0069
44	50	HDR BIAS	2.7892	2.8541	0.0649
45	50	HDR BIAS	2.8037	2.7715	-0.0322
46	50	HDR UNBIAS	2.7887	2.8331	0.0444
47	50	HDR UNBIAS	2.737	2.7129	-0.0241
48	50	HDR UNBIAS	2.6469	2.6307	-0.0162
49	50	HDR UNBIAS	2.9371	2.9499	0.0128
50	50	HDR UNBIAS	2.7706	2.815	0.0444
51	100	HDR BIAS	2.7643	2.7754	0.0111
52	100	HDR BIAS	2.7236	2.7931	0.0695
53	100	HDR BIAS	2.7879	2.771	-0.0169
54	100	HDR BIAS	2.8145	2.9253	0.1108
55	100	HDR BIAS	2.7675	2.7697	0.0022
56	100	HDR UNBIAS	2.7392	2.7995	0.0603
57	100	HDR UNBIAS	2.8522	2.8517	-0.0005
58	100	HDR UNBIAS	2.7712	2.7726	0.0014
59	100	HDR UNBIAS	2.7612	2.7573	-0.0039
60	100	HDR UNBIAS	2.8142	2.8547	0.0405
71	0	CORRELATION	2.7385	2.7372	-0.0013
72	0	CORRELATION	2.6097	2.6094	-0.0003
73	0	CORRELATION	2.7906	2.7909	0.0003

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6097	2.7129	2.7906	0.093121	2.6094	2.7125	2.7909	0.093237	-0.0013	-0.00043333	0.0003	0.00080829
3	2.6197	2.7793	2.9417	0.092733	2.6276	2.7806	2.9349	0.087115	-0.0151	0.00131	0.0143	0.010173
10	2.74	2.8072	2.9385	0.068072	2.7187	2.803	2.9519	0.078227	-0.0229	-0.00419	0.0173	0.015095
30	2.6684	2.7404	2.8741	0.061874	2.6467	2.7376	2.8257	0.063481	-0.0484	-0.00271	0.0453	0.028739
50	2.6469	2.7669	2.9371	0.086229	2.6307	2.7763	2.9499	0.10142	-0.0322	0.00941	0.0649	0.032875
100	2.7236	2.7796	2.8522	0.03846	2.7573	2.807	2.9253	0.0536	-0.0169	0.02745	0.1108	0.041203

Device Test: 18.25 CURRENT|SS_0p3V/SS/12/12/0/1000/5/500kHz//@I_SS





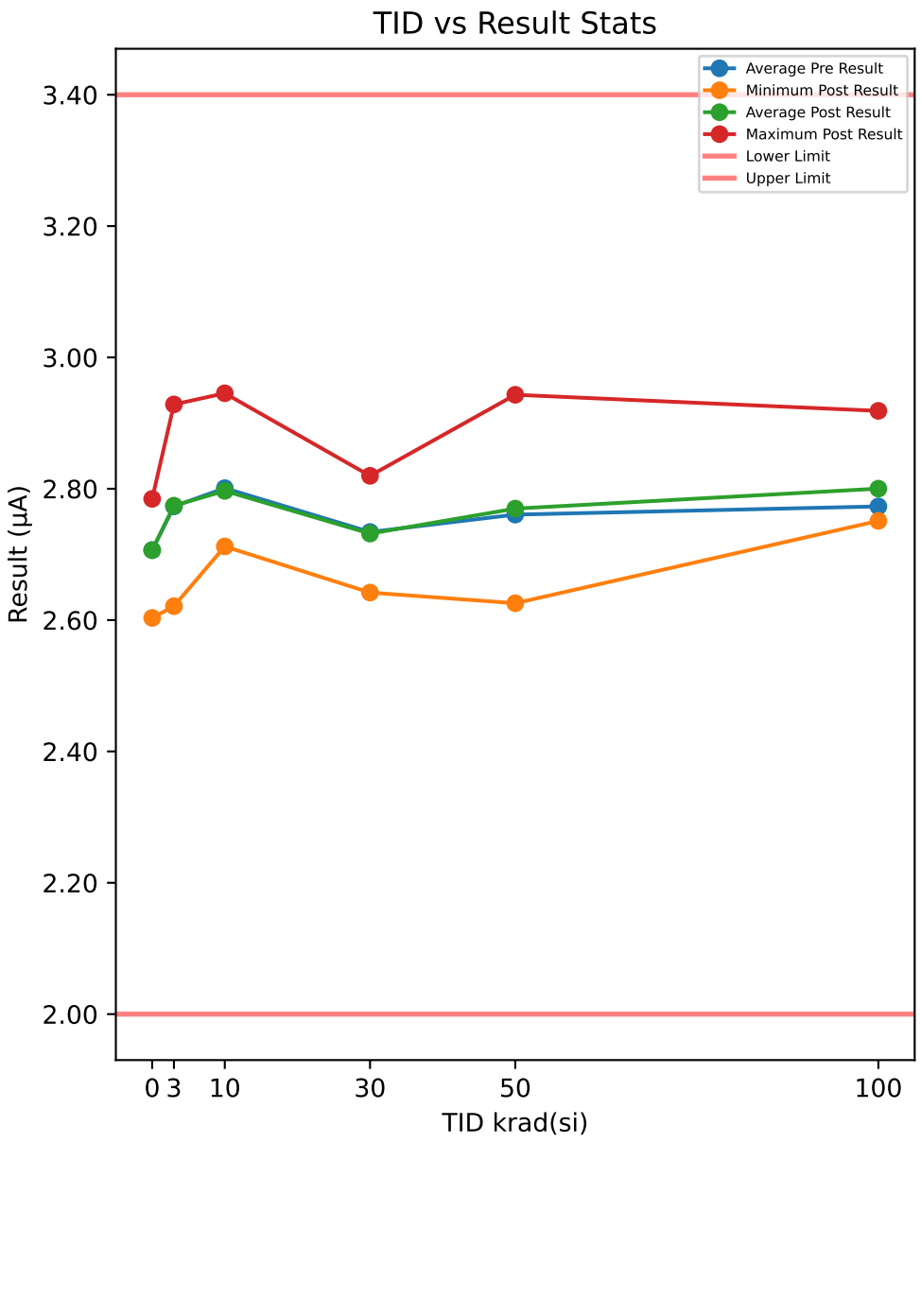
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

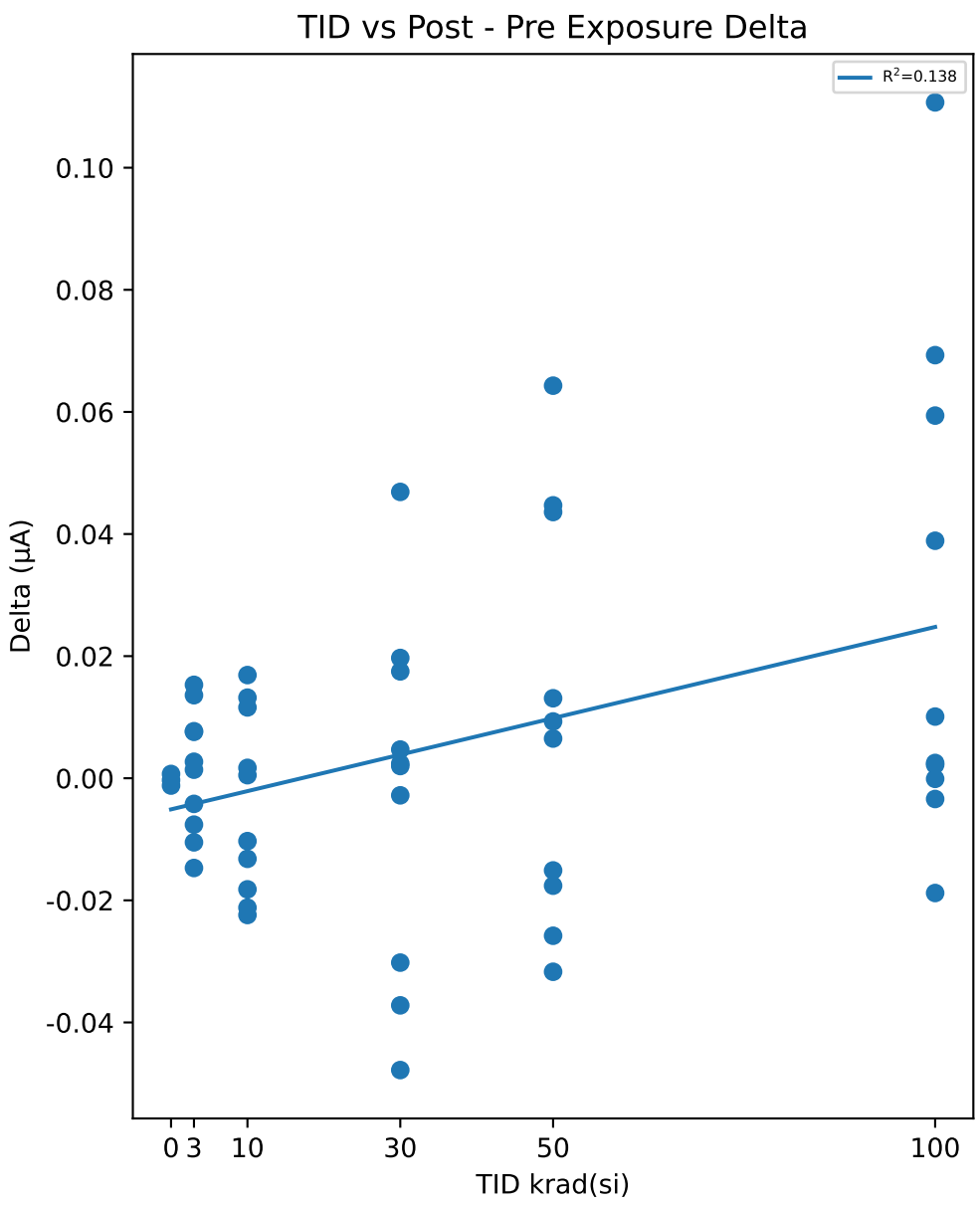
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.704	2.7056	0.0016
2	3	HDR BIAS	2.6147	2.6226	0.0079
3	3	HDR BIAS	2.8121	2.8144	0.0023
4	3	HDR BIAS	2.7989	2.8124	0.0135
5	3	HDR BIAS	2.818	2.8033	-0.0147
6	3	HDR UNBIAS	2.7765	2.7719	-0.0046
7	3	HDR UNBIAS	2.7694	2.7774	0.008
8	3	HDR UNBIAS	2.9368	2.9301	-0.0067
9	3	HDR UNBIAS	2.667	2.6822	0.0152
10	3	HDR UNBIAS	2.8465	2.8365	-0.01
11	10	HDR BIAS	2.8342	2.8517	0.0175
12	10	HDR BIAS	2.7353	2.747	0.0117
13	10	HDR BIAS	2.8847	2.8867	0.002
14	10	HDR BIAS	2.7792	2.769	-0.0102
15	10	HDR BIAS	2.7563	2.7428	-0.0135
16	10	HDR UNBIAS	2.7349	2.7138	-0.0211
17	10	HDR UNBIAS	2.7729	2.7551	-0.0178
18	10	HDR UNBIAS	2.8405	2.8409	0.0004
19	10	HDR UNBIAS	2.9338	2.9469	0.0131
20	10	HDR UNBIAS	2.7503	2.7279	-0.0224
31	30	HDR BIAS	2.6737	2.643	-0.0307
32	30	HDR BIAS	2.7592	2.7804	0.0212
33	30	HDR BIAS	2.7098	2.7552	0.0454
34	30	HDR BIAS	2.7862	2.8036	0.0174
35	30	HDR BIAS	2.7248	2.7276	0.0028
36	30	HDR UNBIAS	2.7639	2.7606	-0.0033
37	30	HDR UNBIAS	2.6641	2.6651	0.001
38	30	HDR UNBIAS	2.7191	2.7239	0.0048
39	30	HDR UNBIAS	2.8693	2.8195	-0.0498
40	30	HDR UNBIAS	2.6857	2.6492	-0.0365
41	50	HDR BIAS	2.6659	2.6489	-0.017
42	50	HDR BIAS	2.8318	2.8409	0.0091
43	50	HDR BIAS	2.6834	2.6902	0.0068
44	50	HDR BIAS	2.7849	2.8484	0.0635
45	50	HDR BIAS	2.799	2.7666	-0.0324
46	50	HDR UNBIAS	2.7837	2.8292	0.0455
47	50	HDR UNBIAS	2.7328	2.707	-0.0258
48	50	HDR UNBIAS	2.642	2.6266	-0.0154
49	50	HDR UNBIAS	2.9316	2.9438	0.0122
50	50	HDR UNBIAS	2.7661	2.8098	0.0437
51	100	HDR BIAS	2.7598	2.7717	0.0119
52	100	HDR BIAS	2.7187	2.7881	0.0694
53	100	HDR BIAS	2.7832	2.7643	-0.0189
54	100	HDR BIAS	2.8091	2.9195	0.1104
55	100	HDR BIAS	2.7627	2.7638	0.0011
56	100	HDR UNBIAS	2.734	2.7939	0.0599
57	100	HDR UNBIAS	2.8466	2.8453	-0.0013
58	100	HDR UNBIAS	2.7656	2.7663	0.0007
59	100	HDR UNBIAS	2.7563	2.7518	-0.0045
60	100	HDR UNBIAS	2.8094	2.8489	0.0395
71	0	CORRELATION	2.7336	2.7323	-0.0013
72	0	CORRELATION	2.6047	2.605	0.0003
73	0	CORRELATION	2.7857	2.7853	-0.0004

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6047	2.708	2.7857	0.093176	2.605	2.7075	2.7853	0.092666	-0.0013	-0.00046667	0.0003	0.00080208
3	2.6147	2.7744	2.9368	0.092808	2.6226	2.7756	2.9301	0.087086	-0.0147	0.00125	0.0152	0.010078
10	2.7349	2.8022	2.9338	0.068157	2.7138	2.7982	2.9469	0.078242	-0.0224	-0.00403	0.0175	0.014932
30	2.6641	2.7356	2.8693	0.061718	2.643	2.7328	2.8195	0.063081	-0.0498	-0.00277	0.0454	0.028933
50	2.642	2.7621	2.9316	0.086077	2.6266	2.7711	2.9438	0.10112	-0.0324	0.00902	0.0635	0.03286
100	2.7187	2.7745	2.8466	0.03831	2.7518	2.8014	2.9195	0.053467	-0.0189	0.02682	0.1104	0.041476

Device Test: 18.29 CURRENT|SS_0p3V/SS/14/14/0/1000/5/500kHz//@I_SS





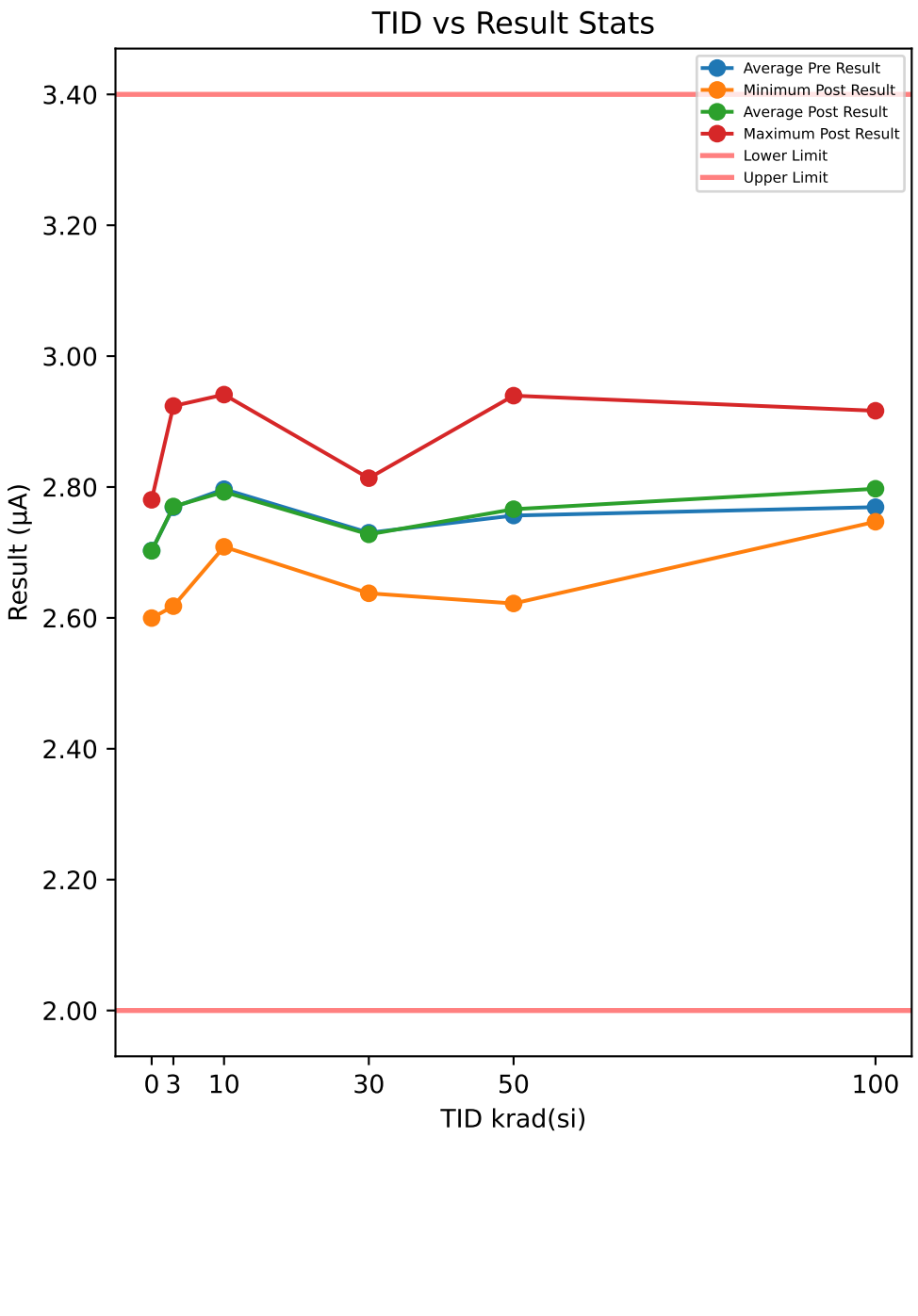
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

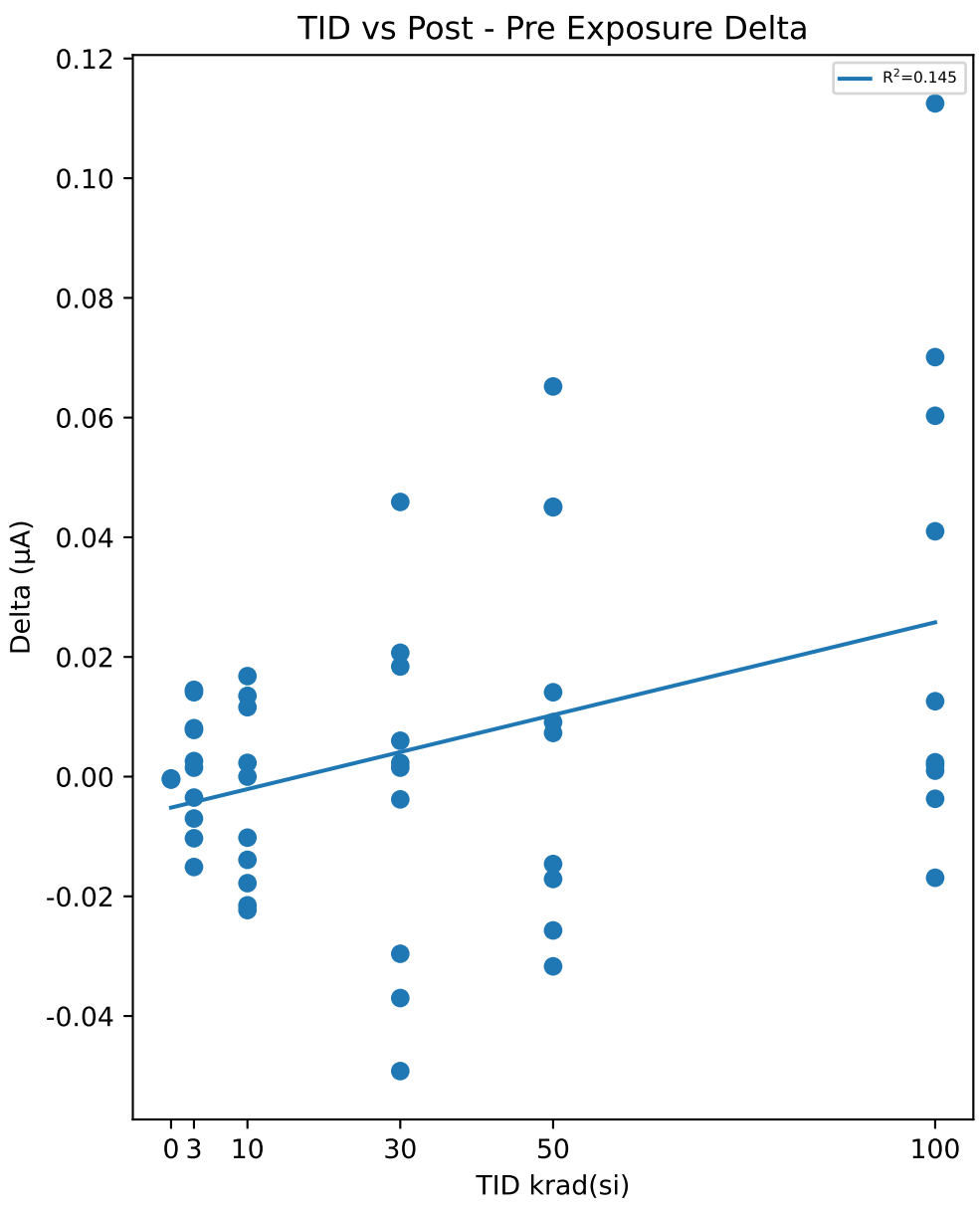
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.7029	2.7043	0.0014
2	3	HDR BIAS	2.6135	2.6212	0.0077
3	3	HDR BIAS	2.8107	2.8134	0.0027
4	3	HDR BIAS	2.7977	2.8113	0.0136
5	3	HDR BIAS	2.8165	2.8018	-0.0147
6	3	HDR UNBIAS	2.7749	2.7707	-0.0042
7	3	HDR UNBIAS	2.7682	2.7758	0.0076
8	3	HDR UNBIAS	2.936	2.9284	-0.0076
9	3	HDR UNBIAS	2.6656	2.6809	0.0153
10	3	HDR UNBIAS	2.8452	2.8347	-0.0105
11	10	HDR BIAS	2.8331	2.85	0.0169
12	10	HDR BIAS	2.7338	2.7454	0.0116
13	10	HDR BIAS	2.8832	2.8849	0.0017
14	10	HDR BIAS	2.7782	2.7679	-0.0103
15	10	HDR BIAS	2.7548	2.7416	-0.0132
16	10	HDR UNBIAS	2.7334	2.7122	-0.0212
17	10	HDR UNBIAS	2.7719	2.7537	-0.0182
18	10	HDR UNBIAS	2.839	2.8395	0.0005
19	10	HDR UNBIAS	2.9322	2.9454	0.0132
20	10	HDR UNBIAS	2.7493	2.7269	-0.0224
31	30	HDR BIAS	2.6721	2.6419	-0.0302
32	30	HDR BIAS	2.7585	2.7782	0.0197
33	30	HDR BIAS	2.708	2.7549	0.0469
34	30	HDR BIAS	2.7852	2.8027	0.0175
35	30	HDR BIAS	2.7234	2.7258	0.0024
36	30	HDR UNBIAS	2.7623	2.7595	-0.0028
37	30	HDR UNBIAS	2.6624	2.6644	0.002
38	30	HDR UNBIAS	2.7175	2.7222	0.0047
39	30	HDR UNBIAS	2.8675	2.8197	-0.0478
40	30	HDR UNBIAS	2.6847	2.6475	-0.0372
41	50	HDR BIAS	2.6648	2.6472	-0.0176
42	50	HDR BIAS	2.8302	2.8395	0.0093
43	50	HDR BIAS	2.6823	2.6888	0.0065
44	50	HDR BIAS	2.7832	2.8475	0.0643
45	50	HDR BIAS	2.7969	2.7652	-0.0317
46	50	HDR UNBIAS	2.7826	2.8273	0.0447
47	50	HDR UNBIAS	2.731	2.7052	-0.0258
48	50	HDR UNBIAS	2.6408	2.6257	-0.0151
49	50	HDR UNBIAS	2.93	2.9431	0.0131
50	50	HDR UNBIAS	2.7645	2.8081	0.0436
51	100	HDR BIAS	2.7588	2.7689	0.0101
52	100	HDR BIAS	2.7168	2.7861	0.0693
53	100	HDR BIAS	2.7821	2.7633	-0.0188
54	100	HDR BIAS	2.8079	2.9186	0.1107
55	100	HDR BIAS	2.7614	2.7639	0.0025
56	100	HDR UNBIAS	2.7327	2.7921	0.0594
57	100	HDR UNBIAS	2.8449	2.8448	-0.0001
58	100	HDR UNBIAS	2.7637	2.7659	0.0022
59	100	HDR UNBIAS	2.7545	2.7511	-0.0034
60	100	HDR UNBIAS	2.8081	2.847	0.0389
71	0	CORRELATION	2.7324	2.7312	-0.0012
72	0	CORRELATION	2.6036	2.6033	-0.0003
73	0	CORRELATION	2.7839	2.7846	0.0007

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6036	2.7066	2.7839	0.092871	2.6033	2.7064	2.7846	0.093166	-0.0012	-0.00026667	0.0007	0.00095044
3	2.6135	2.7731	2.936	0.092868	2.6212	2.7742	2.9284	0.087004	-0.0147	0.00113	0.0153	0.010189
10	2.7334	2.8009	2.9322	0.068072	2.7122	2.7968	2.9454	0.078118	-0.0224	-0.00414	0.0169	0.014866
30	2.6624	2.7342	2.8675	0.061729	2.6419	2.7317	2.8197	0.063304	-0.0478	-0.00248	0.0469	0.028777
50	2.6408	2.7606	2.93	0.085897	2.6257	2.7698	2.9431	0.10124	-0.0317	0.00913	0.0643	0.032844
100	2.7168	2.7731	2.8449	0.038369	2.7511	2.8002	2.9186	0.053446	-0.0188	0.02708	0.1107	0.041155

Device Test: 18.33 CURRENT|SS_0p3V/SS/4.5/4.5/0/1000/4.5/1MHz//@I_SS





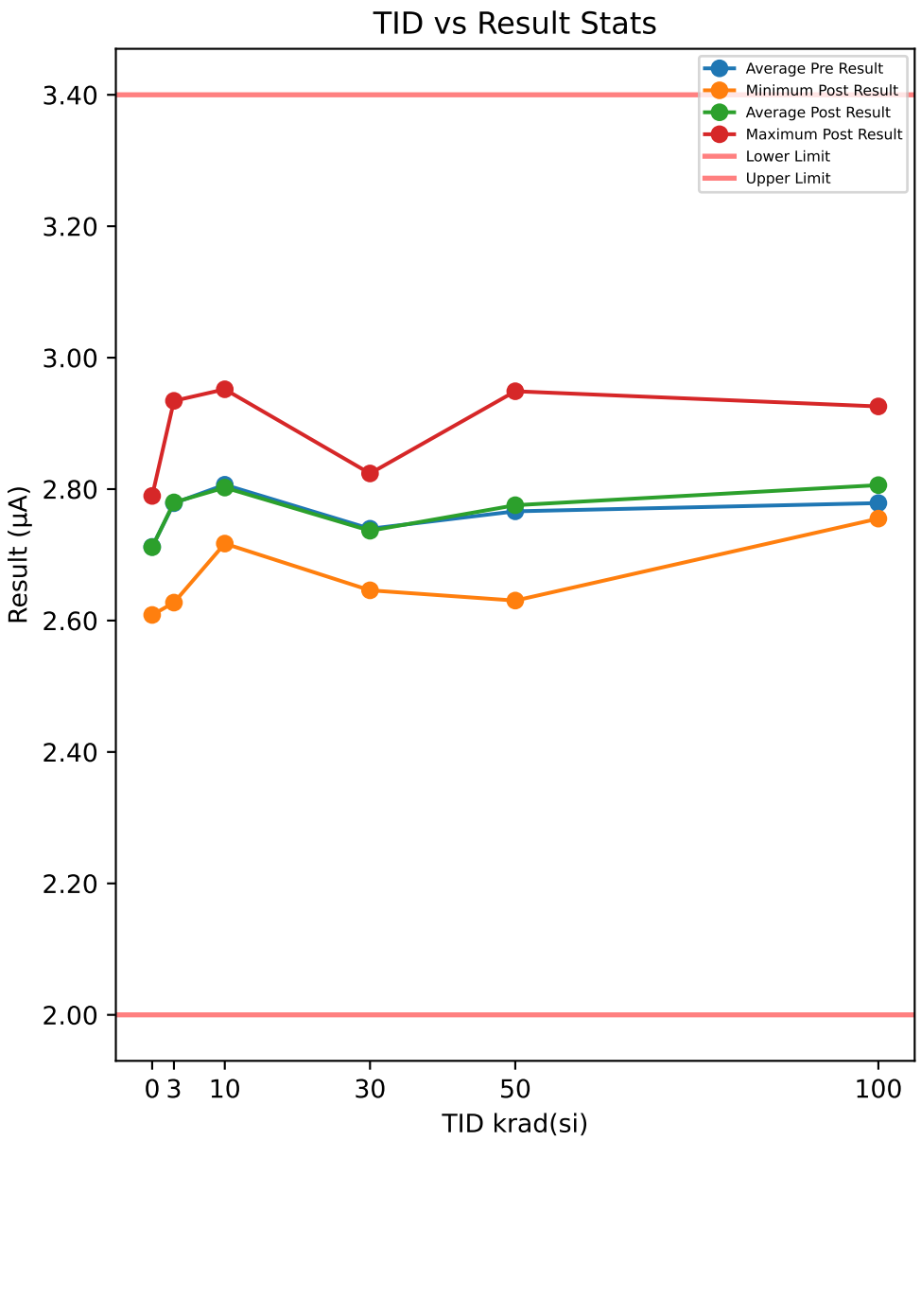
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

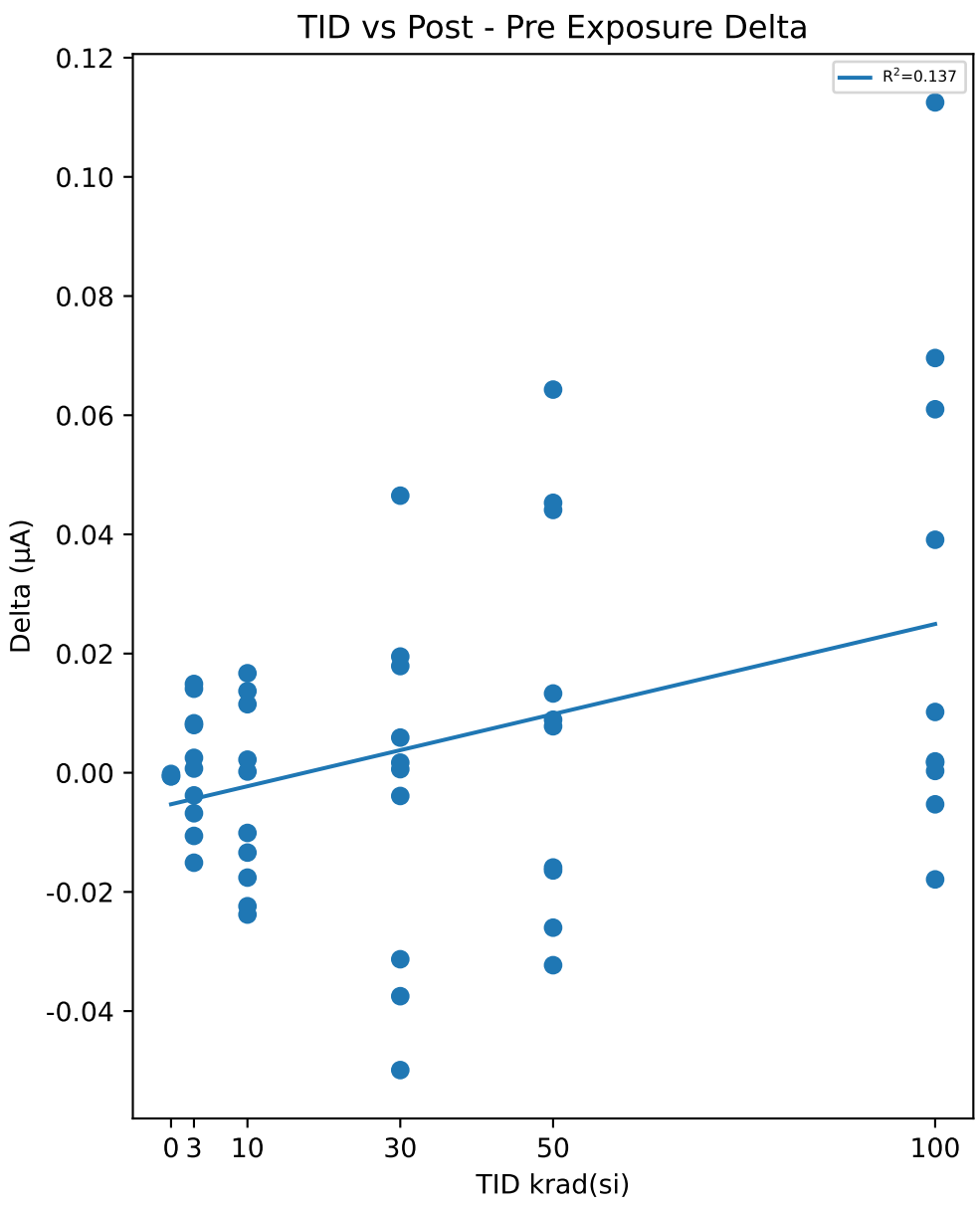
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.6993	2.7008	0.0015
2	3	HDR BIAS	2.6101	2.6179	0.0078
3	3	HDR BIAS	2.8061	2.8087	0.0026
4	3	HDR BIAS	2.792	2.8061	0.0141
5	3	HDR BIAS	2.8124	2.7973	-0.0151
6	3	HDR UNBIAS	2.7703	2.7668	-0.0035
7	3	HDR UNBIAS	2.7647	2.7728	0.0081
8	3	HDR UNBIAS	2.9308	2.9238	-0.007
9	3	HDR UNBIAS	2.6625	2.677	0.0145
10	3	HDR UNBIAS	2.8413	2.831	-0.0103
11	10	HDR BIAS	2.8279	2.8447	0.0168
12	10	HDR BIAS	2.7301	2.7417	0.0116
13	10	HDR BIAS	2.8795	2.8818	0.0023
14	10	HDR BIAS	2.7732	2.763	-0.0102
15	10	HDR BIAS	2.7511	2.7372	-0.0139
16	10	HDR UNBIAS	2.7301	2.7086	-0.0215
17	10	HDR UNBIAS	2.7673	2.7495	-0.0178
18	10	HDR UNBIAS	2.8354	2.8354	0
19	10	HDR UNBIAS	2.9277	2.9412	0.0135
20	10	HDR UNBIAS	2.7446	2.7223	-0.0223
31	30	HDR BIAS	2.6672	2.6376	-0.0296
32	30	HDR BIAS	2.754	2.7747	0.0207
33	30	HDR BIAS	2.7053	2.7512	0.0459
34	30	HDR BIAS	2.7802	2.7986	0.0184
35	30	HDR BIAS	2.7194	2.7217	0.0023
36	30	HDR UNBIAS	2.7595	2.7557	-0.0038
37	30	HDR UNBIAS	2.6591	2.6606	0.0015
38	30	HDR UNBIAS	2.7135	2.7195	0.006
39	30	HDR UNBIAS	2.8627	2.8135	-0.0492
40	30	HDR UNBIAS	2.6802	2.6432	-0.037
41	50	HDR BIAS	2.661	2.6439	-0.0171
42	50	HDR BIAS	2.8265	2.8356	0.0091
43	50	HDR BIAS	2.678	2.6853	0.0073
44	50	HDR BIAS	2.7787	2.8439	0.0652
45	50	HDR BIAS	2.7929	2.7612	-0.0317
46	50	HDR UNBIAS	2.7786	2.8236	0.045
47	50	HDR UNBIAS	2.727	2.7013	-0.0257
48	50	HDR UNBIAS	2.6366	2.622	-0.0146
49	50	HDR UNBIAS	2.9255	2.9396	0.0141
50	50	HDR UNBIAS	2.7592	2.8043	0.0451
51	100	HDR BIAS	2.7537	2.7663	0.0126
52	100	HDR BIAS	2.7133	2.7834	0.0701
53	100	HDR BIAS	2.7779	2.761	-0.0169
54	100	HDR BIAS	2.804	2.9165	0.1125
55	100	HDR BIAS	2.7575	2.7594	0.0019
56	100	HDR UNBIAS	2.7299	2.7902	0.0603
57	100	HDR UNBIAS	2.8412	2.8422	0.001
58	100	HDR UNBIAS	2.7607	2.7631	0.0024
59	100	HDR UNBIAS	2.7506	2.7469	-0.0037
60	100	HDR UNBIAS	2.8033	2.8443	0.041
71	0	CORRELATION	2.7277	2.7272	-0.0005
72	0	CORRELATION	2.6001	2.5997	-0.0004
73	0	CORRELATION	2.7807	2.7804	-0.0003

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6001	2.7028	2.7807	0.092832	2.5997	2.7024	2.7804	0.092861	-0.0005	-0.0004	-0.0003	0.0001
3	2.6101	2.7689	2.9308	0.092295	2.6179	2.7702	2.9238	0.08661	-0.0151	0.00127	0.0145	0.010131
10	2.7301	2.7967	2.9277	0.067962	2.7086	2.7925	2.9412	0.078157	-0.0223	-0.00415	0.0168	0.014929
30	2.6591	2.7301	2.8627	0.061482	2.6376	2.7276	2.8135	0.063067	-0.0492	-0.00248	0.0459	0.028937
50	2.6366	2.7564	2.9255	0.085831	2.622	2.7661	2.9396	0.10121	-0.0317	0.00967	0.0652	0.033134
100	2.7133	2.7692	2.8412	0.038149	2.7469	2.7973	2.9165	0.053854	-0.0169	0.02812	0.1125	0.041431

Device Test: 18.37 CURRENT|SS_0p3V/SS/5/5/0/1000/5/1MHz//@I_SS





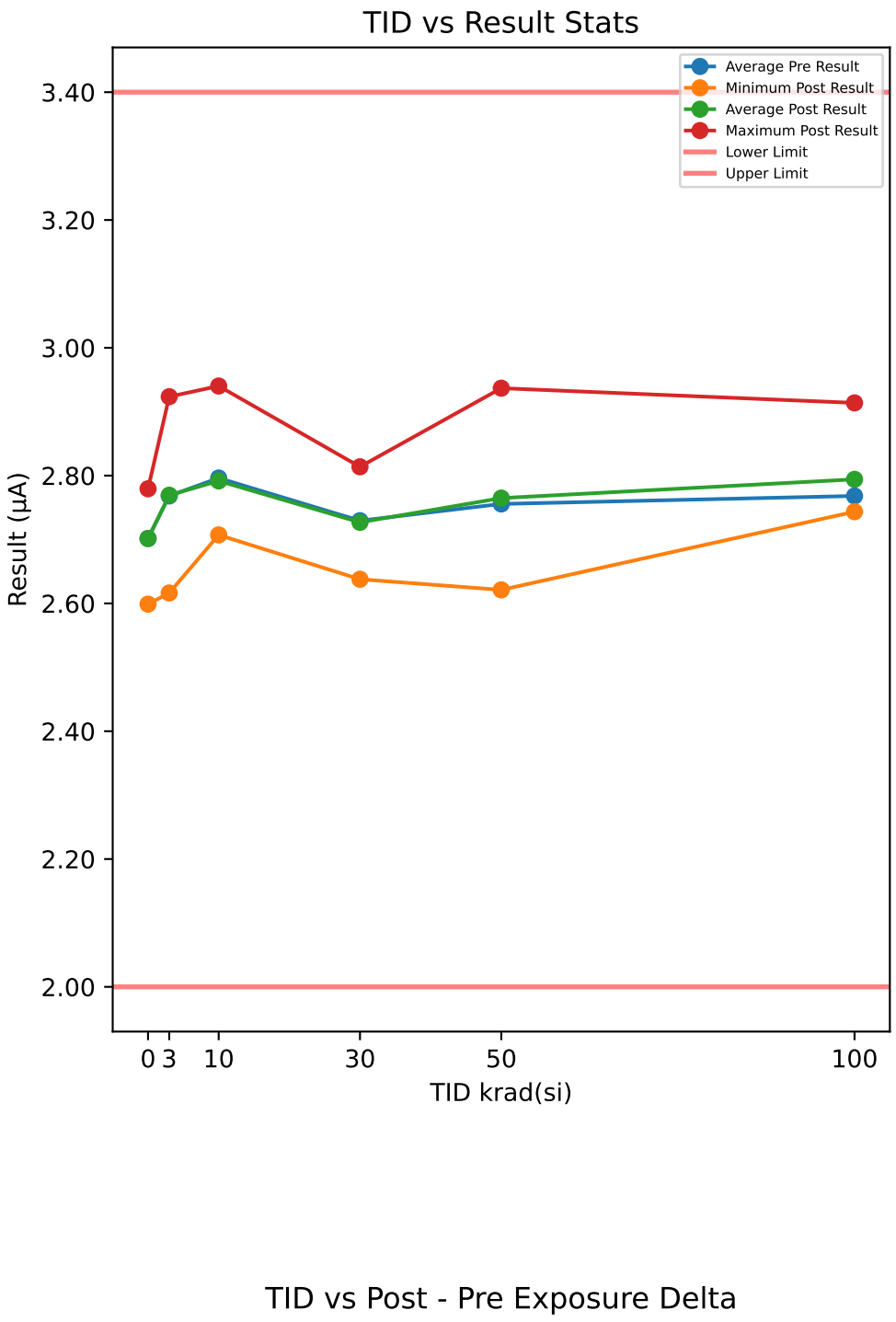
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

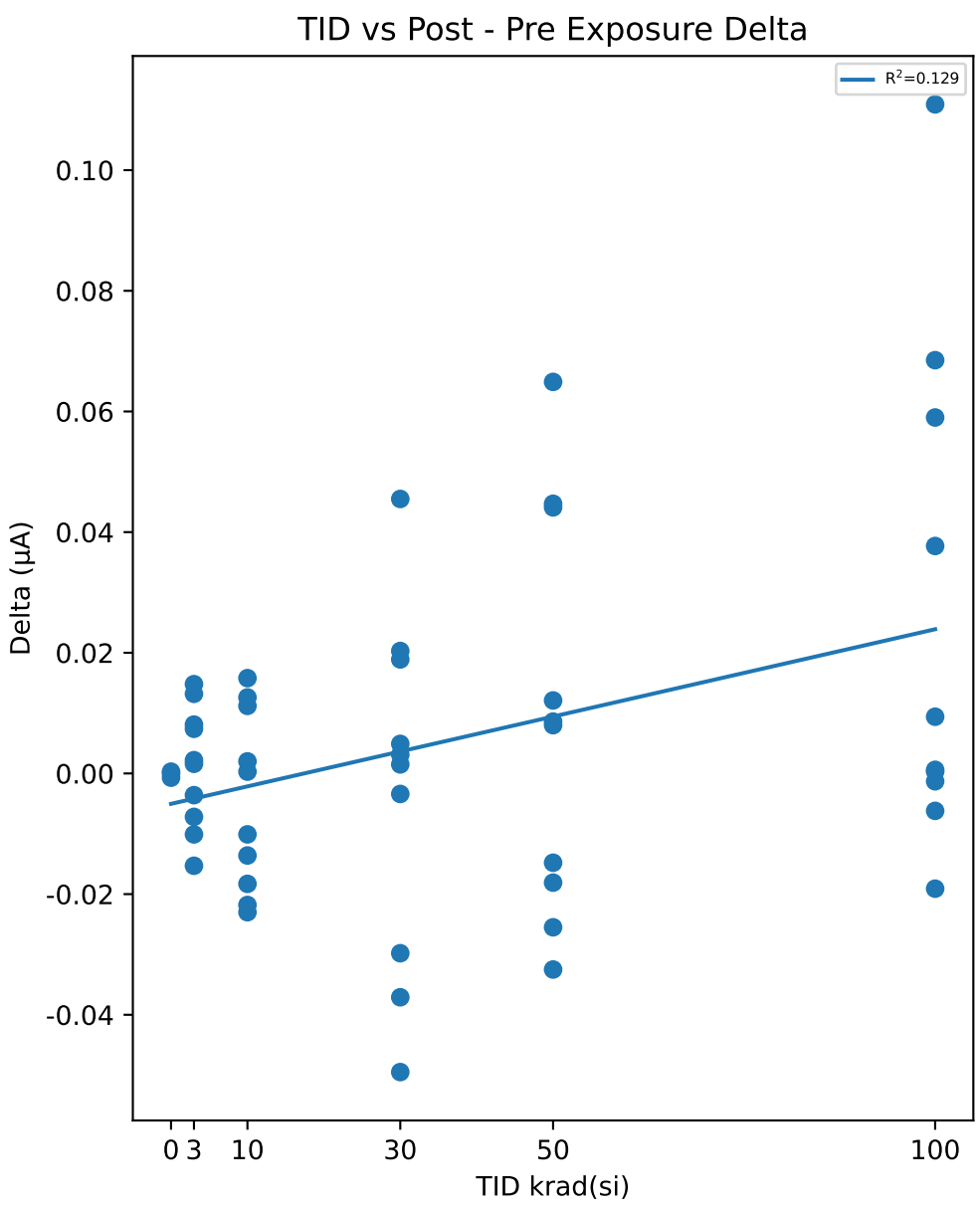
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.7083	2.709	0.0007
2	3	HDR BIAS	2.6193	2.6273	0.008
3	3	HDR BIAS	2.8165	2.819	0.0025
4	3	HDR BIAS	2.8025	2.8166	0.0141
5	3	HDR BIAS	2.8221	2.807	-0.0151
6	3	HDR UNBIAS	2.7799	2.7761	-0.0038
7	3	HDR UNBIAS	2.7735	2.7818	0.0083
8	3	HDR UNBIAS	2.9411	2.9343	-0.0068
9	3	HDR UNBIAS	2.6713	2.6862	0.0149
10	3	HDR UNBIAS	2.8512	2.8406	-0.0106
11	10	HDR BIAS	2.8385	2.8552	0.0167
12	10	HDR BIAS	2.7395	2.751	0.0115
13	10	HDR BIAS	2.8889	2.8911	0.0022
14	10	HDR BIAS	2.7834	2.7733	-0.0101
15	10	HDR BIAS	2.7612	2.7478	-0.0134
16	10	HDR UNBIAS	2.7395	2.7171	-0.0224
17	10	HDR UNBIAS	2.7766	2.759	-0.0176
18	10	HDR UNBIAS	2.8451	2.8453	0.0002
19	10	HDR UNBIAS	2.9382	2.9519	0.0137
20	10	HDR UNBIAS	2.7552	2.7314	-0.0238
31	30	HDR BIAS	2.6773	2.646	-0.0313
32	30	HDR BIAS	2.7633	2.7828	0.0195
33	30	HDR BIAS	2.7144	2.7609	0.0465
34	30	HDR BIAS	2.7902	2.8081	0.0179
35	30	HDR BIAS	2.7287	2.7304	0.0017
36	30	HDR UNBIAS	2.769	2.7651	-0.0039
37	30	HDR UNBIAS	2.6679	2.6685	0.0006
38	30	HDR UNBIAS	2.7225	2.7284	0.0059
39	30	HDR UNBIAS	2.8737	2.8238	-0.0499
40	30	HDR UNBIAS	2.69	2.6525	-0.0375
41	50	HDR BIAS	2.6697	2.6533	-0.0164
42	50	HDR BIAS	2.8365	2.8454	0.0089
43	50	HDR BIAS	2.6875	2.6953	0.0078
44	50	HDR BIAS	2.7888	2.8531	0.0643
45	50	HDR BIAS	2.8031	2.7708	-0.0323
46	50	HDR UNBIAS	2.788	2.8333	0.0453
47	50	HDR UNBIAS	2.7366	2.7106	-0.026
48	50	HDR UNBIAS	2.6463	2.6304	-0.0159
49	50	HDR UNBIAS	2.9356	2.9489	0.0133
50	50	HDR UNBIAS	2.7698	2.8139	0.0441
51	100	HDR BIAS	2.7637	2.7739	0.0102
52	100	HDR BIAS	2.7228	2.7924	0.0696
53	100	HDR BIAS	2.7873	2.7694	-0.0179
54	100	HDR BIAS	2.8133	2.9258	0.1125
55	100	HDR BIAS	2.7664	2.7683	0.0019
56	100	HDR UNBIAS	2.7381	2.7991	0.061
57	100	HDR UNBIAS	2.8512	2.8515	0.0003
58	100	HDR UNBIAS	2.7704	2.7721	0.0017
59	100	HDR UNBIAS	2.7604	2.7551	-0.0053
60	100	HDR UNBIAS	2.8138	2.8529	0.0391
71	0	CORRELATION	2.7374	2.7368	-0.0006
72	0	CORRELATION	2.6091	2.6085	-0.0006
73	0	CORRELATION	2.7898	2.7896	-0.0002

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6091	2.7121	2.7898	0.092969	2.6085	2.7116	2.7896	0.093136	-0.0006	-0.00046667	-0.0002	0.00023094
3	2.6193	2.7786	2.9411	0.092758	2.6273	2.7798	2.9343	0.087079	-0.0151	0.00122	0.0149	0.010256
10	2.7395	2.8066	2.9382	0.0681	2.7171	2.8023	2.9519	0.07854	-0.0238	-0.0043	0.0167	0.015196
30	2.6679	2.7397	2.8737	0.061912	2.646	2.7367	2.8238	0.063489	-0.0499	-0.00305	0.0465	0.029248
50	2.6463	2.7662	2.9356	0.086125	2.6304	2.7755	2.9489	0.10135	-0.0323	0.00931	0.0643	0.033036
100	2.7228	2.7787	2.8512	0.03846	2.7551	2.806	2.9258	0.054146	-0.0179	0.02731	0.1125	0.041834

Device Test: 18.41 CURRENT|SS_0p3V/SS/12/12/0/1000/5/1MHz//@I_SS





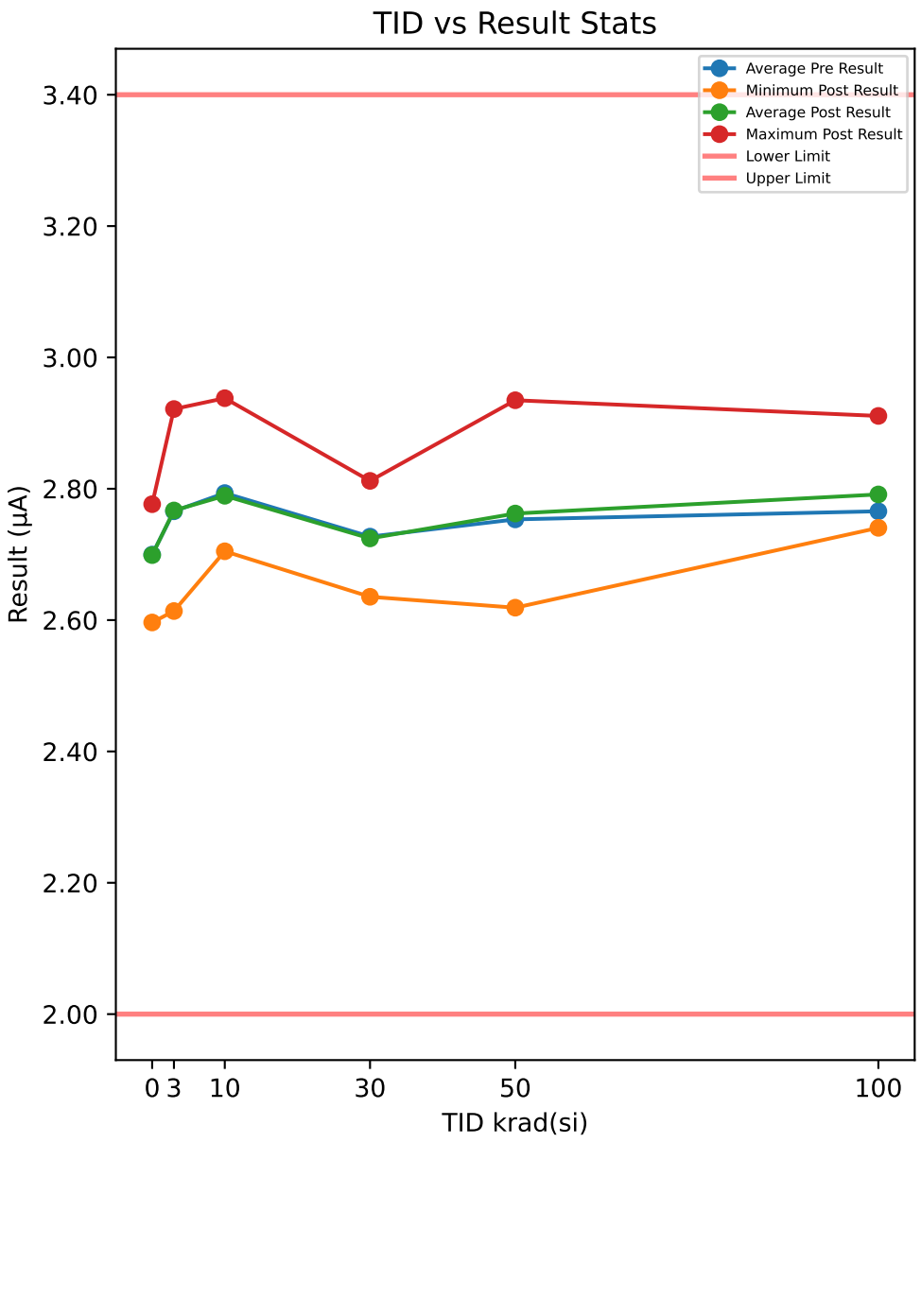
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

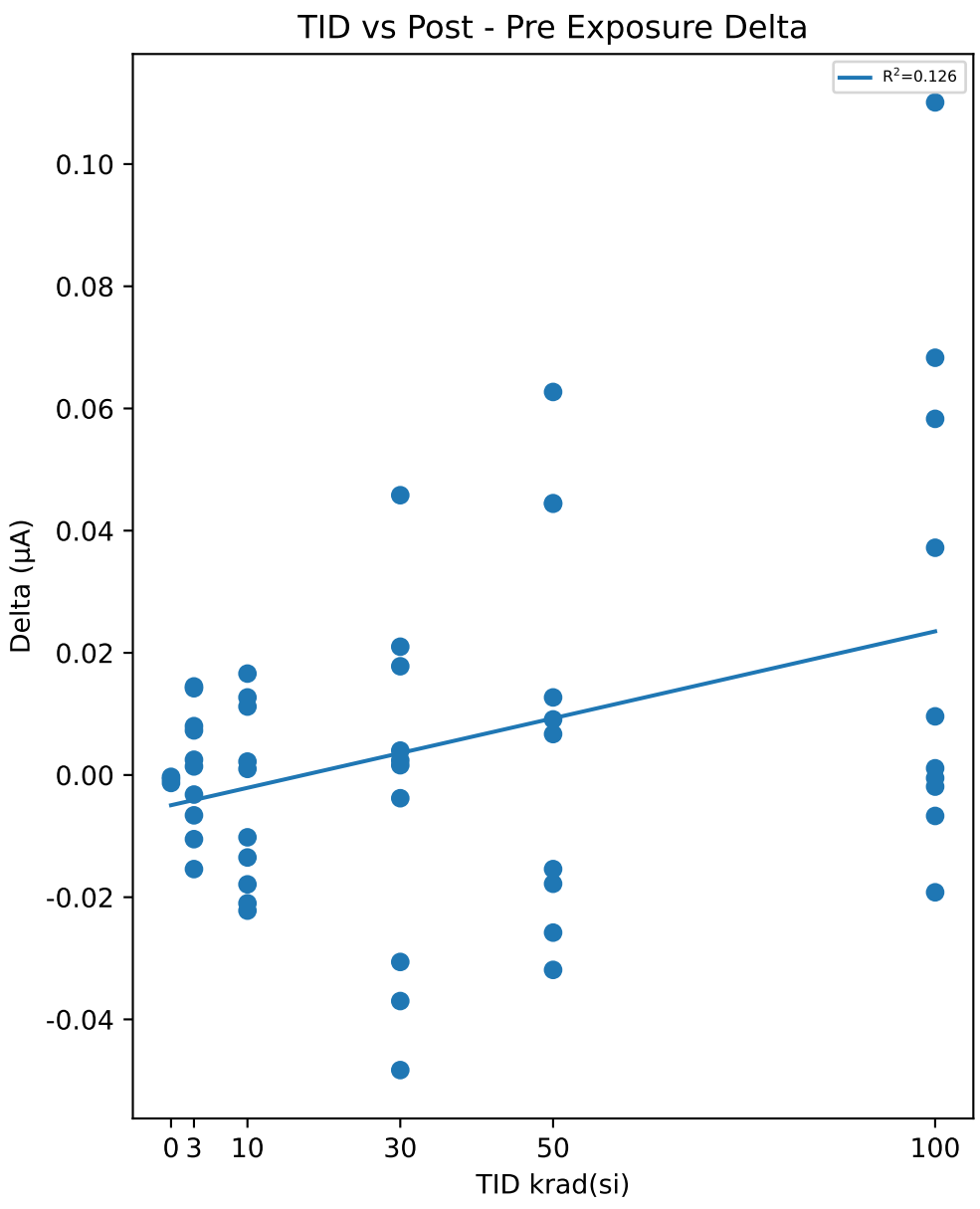
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.6977	2.6993	0.0016
2	3	HDR BIAS	2.6089	2.6163	0.0074
3	3	HDR BIAS	2.8059	2.8081	0.0022
4	3	HDR BIAS	2.793	2.8062	0.0132
5	3	HDR BIAS	2.8119	2.7966	-0.0153
6	3	HDR UNBIAS	2.7696	2.766	-0.0036
7	3	HDR UNBIAS	2.763	2.7711	0.0081
8	3	HDR UNBIAS	2.9307	2.9235	-0.0072
9	3	HDR UNBIAS	2.6614	2.6762	0.0148
10	3	HDR UNBIAS	2.84	2.8299	-0.0101
11	10	HDR BIAS	2.8285	2.8443	0.0158
12	10	HDR BIAS	2.7289	2.7401	0.0112
13	10	HDR BIAS	2.8779	2.8799	0.002
14	10	HDR BIAS	2.7732	2.7631	-0.0101
15	10	HDR BIAS	2.7501	2.7365	-0.0136
16	10	HDR UNBIAS	2.729	2.7072	-0.0218
17	10	HDR UNBIAS	2.7676	2.7493	-0.0183
18	10	HDR UNBIAS	2.8346	2.8349	0.0003
19	10	HDR UNBIAS	2.9276	2.9402	0.0126
20	10	HDR UNBIAS	2.7445	2.7215	-0.023
31	30	HDR BIAS	2.6676	2.6378	-0.0298
32	30	HDR BIAS	2.7536	2.7739	0.0203
33	30	HDR BIAS	2.7036	2.7491	0.0455
34	30	HDR BIAS	2.7792	2.7981	0.0189
35	30	HDR BIAS	2.7188	2.7219	0.0031
36	30	HDR UNBIAS	2.7577	2.7543	-0.0034
37	30	HDR UNBIAS	2.6579	2.6594	0.0015
38	30	HDR UNBIAS	2.7127	2.7176	0.0049
39	30	HDR UNBIAS	2.8633	2.8138	-0.0495
40	30	HDR UNBIAS	2.6799	2.6428	-0.0371
41	50	HDR BIAS	2.6601	2.642	-0.0181
42	50	HDR BIAS	2.8256	2.8342	0.0086
43	50	HDR BIAS	2.677	2.685	0.008
44	50	HDR BIAS	2.7781	2.843	0.0649
45	50	HDR BIAS	2.7927	2.7602	-0.0325
46	50	HDR UNBIAS	2.7776	2.8223	0.0447
47	50	HDR UNBIAS	2.7259	2.7004	-0.0255
48	50	HDR UNBIAS	2.636	2.6212	-0.0148
49	50	HDR UNBIAS	2.9247	2.9368	0.0121
50	50	HDR UNBIAS	2.759	2.8031	0.0441
51	100	HDR BIAS	2.7535	2.7629	0.0094
52	100	HDR BIAS	2.7127	2.7812	0.0685
53	100	HDR BIAS	2.7772	2.7581	-0.0191
54	100	HDR BIAS	2.8029	2.9138	0.1109
55	100	HDR BIAS	2.756	2.7566	0.0006
56	100	HDR UNBIAS	2.7279	2.7869	0.059
57	100	HDR UNBIAS	2.8401	2.8388	-0.0013
58	100	HDR UNBIAS	2.7586	2.7589	0.0003
59	100	HDR UNBIAS	2.7497	2.7435	-0.0062
60	100	HDR UNBIAS	2.8031	2.8408	0.0377
71	0	CORRELATION	2.727	2.7263	-0.0007
72	0	CORRELATION	2.5989	2.5989	0
73	0	CORRELATION	2.7791	2.7794	0.0003

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.5989	2.7017	2.7791	0.092733	2.5989	2.7015	2.7794	0.092764	-0.0007	-0.00013333	0.0003	0.00051316
3	2.6089	2.7682	2.9307	0.09267	2.6163	2.7693	2.9235	0.086957	-0.0153	0.00111	0.0148	0.010053
10	2.7289	2.7962	2.9276	0.068027	2.7072	2.7917	2.9402	0.078073	-0.023	-0.00449	0.0158	0.014766
30	2.6579	2.7294	2.8633	0.061675	2.6378	2.7269	2.8138	0.063028	-0.0495	-0.00256	0.0455	0.028937
50	2.636	2.7557	2.9247	0.085866	2.6212	2.7648	2.9368	0.10084	-0.0325	0.00915	0.0649	0.033091
100	2.7127	2.7682	2.8401	0.038263	2.7435	2.7942	2.9138	0.053955	-0.0191	0.02598	0.1109	0.041683

Device Test: 18.45 CURRENT|SS_0p3V/SS/14/14/0/1000/5/1MHz//@I_SS





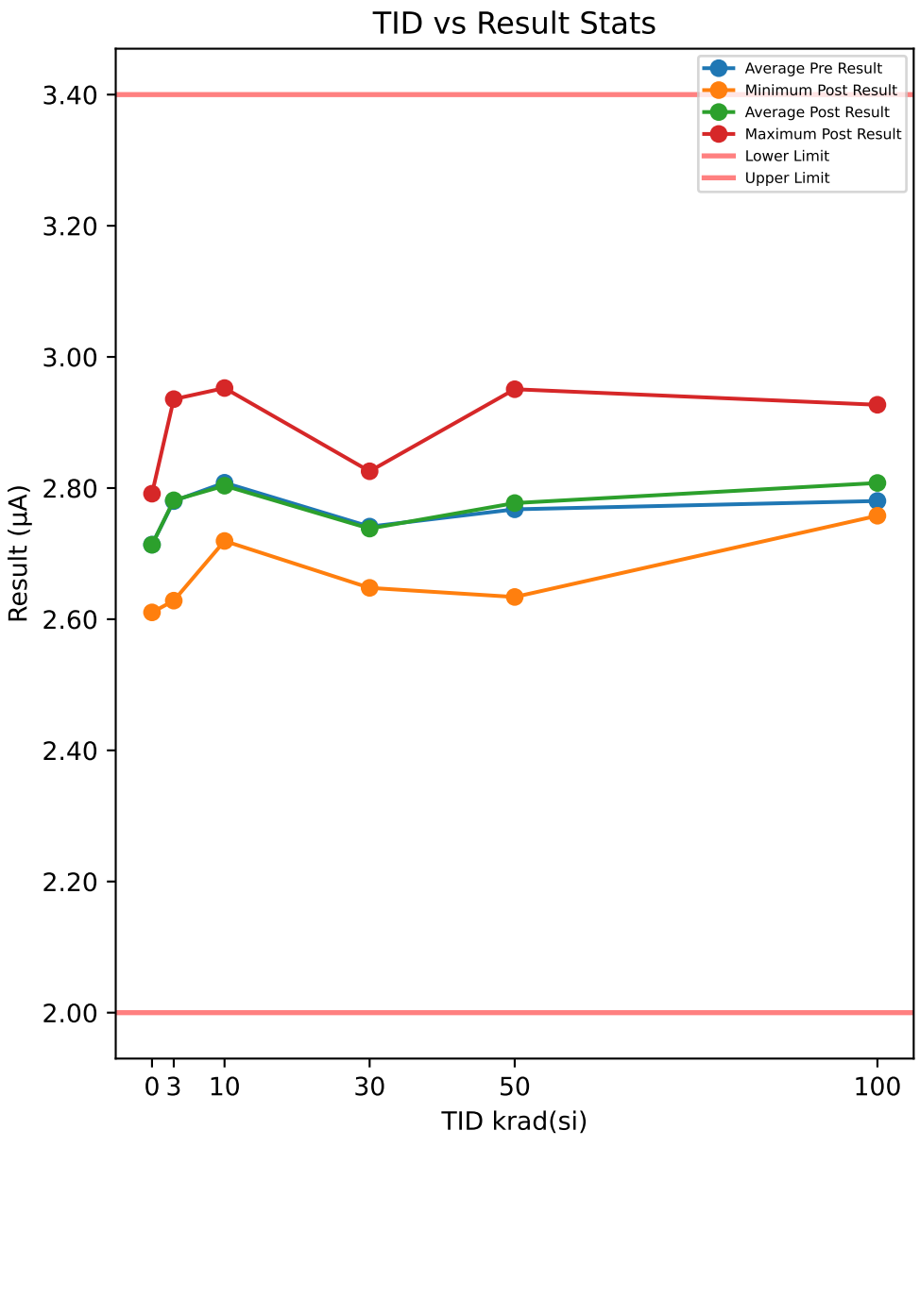
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

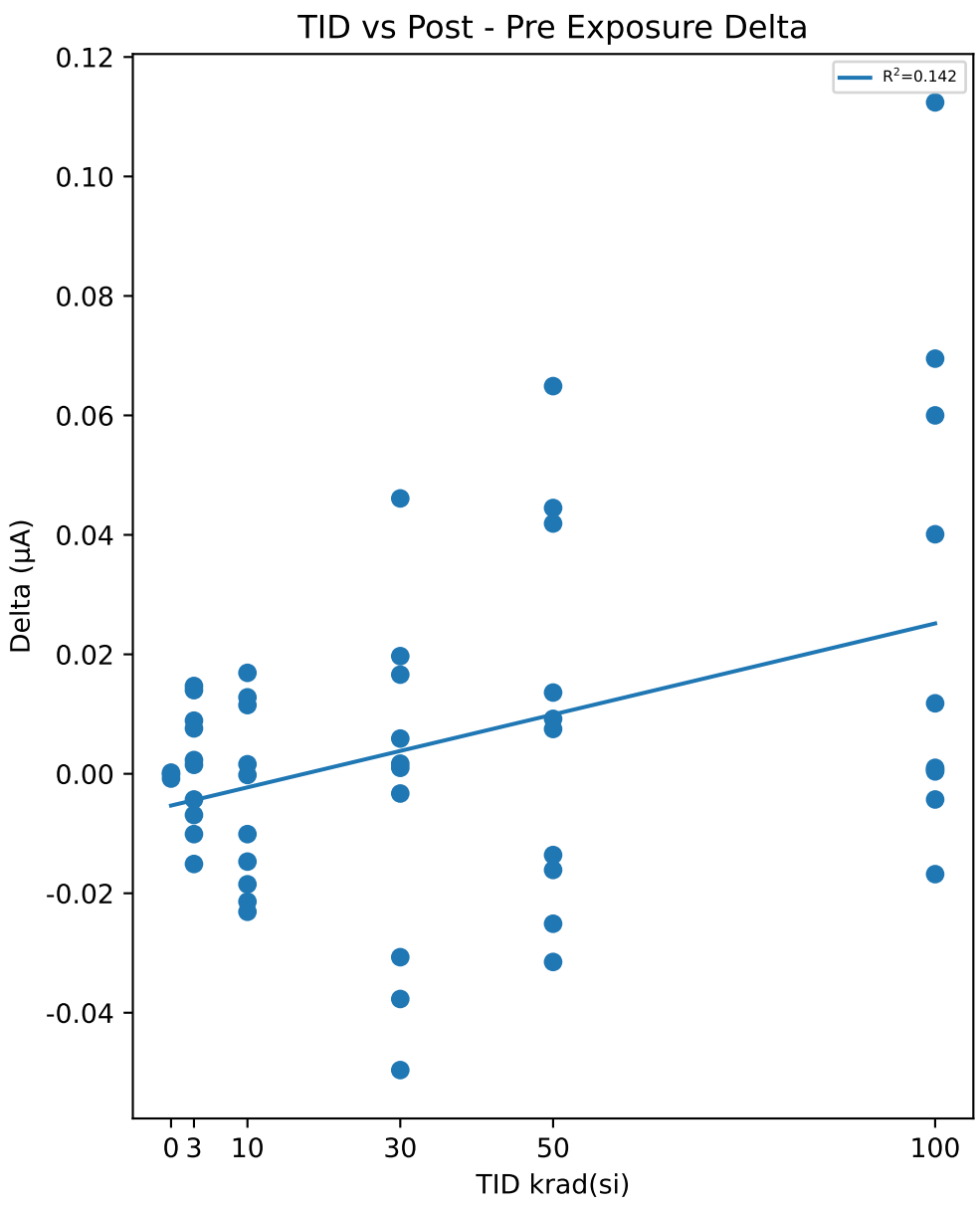
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.6955	2.6969	0.0014
2	3	HDR BIAS	2.6065	2.6138	0.0073
3	3	HDR BIAS	2.8031	2.8056	0.0025
4	3	HDR BIAS	2.7901	2.8043	0.0142
5	3	HDR BIAS	2.8096	2.7942	-0.0154
6	3	HDR UNBIAS	2.767	2.7638	-0.0032
7	3	HDR UNBIAS	2.7605	2.7685	0.008
8	3	HDR UNBIAS	2.928	2.9214	-0.0066
9	3	HDR UNBIAS	2.6593	2.6738	0.0145
10	3	HDR UNBIAS	2.8375	2.827	-0.0105
11	10	HDR BIAS	2.8261	2.8427	0.0166
12	10	HDR BIAS	2.7264	2.7376	0.0112
13	10	HDR BIAS	2.8751	2.8773	0.0022
14	10	HDR BIAS	2.7708	2.7606	-0.0102
15	10	HDR BIAS	2.7474	2.7339	-0.0135
16	10	HDR UNBIAS	2.7258	2.7048	-0.021
17	10	HDR UNBIAS	2.7647	2.7468	-0.0179
18	10	HDR UNBIAS	2.8313	2.8323	0.001
19	10	HDR UNBIAS	2.9252	2.9379	0.0127
20	10	HDR UNBIAS	2.7415	2.7193	-0.0222
31	30	HDR BIAS	2.6661	2.6355	-0.0306
32	30	HDR BIAS	2.7509	2.7719	0.021
33	30	HDR BIAS	2.701	2.7468	0.0458
34	30	HDR BIAS	2.7771	2.7949	0.0178
35	30	HDR BIAS	2.7163	2.7187	0.0024
36	30	HDR UNBIAS	2.755	2.7512	-0.0038
37	30	HDR UNBIAS	2.6553	2.6569	0.0016
38	30	HDR UNBIAS	2.7111	2.7151	0.004
39	30	HDR UNBIAS	2.8603	2.812	-0.0483
40	30	HDR UNBIAS	2.6779	2.6409	-0.037
41	50	HDR BIAS	2.6582	2.6404	-0.0178
42	50	HDR BIAS	2.8233	2.8324	0.0091
43	50	HDR BIAS	2.6748	2.6815	0.0067
44	50	HDR BIAS	2.7763	2.839	0.0627
45	50	HDR BIAS	2.79	2.7581	-0.0319
46	50	HDR UNBIAS	2.7749	2.8193	0.0444
47	50	HDR UNBIAS	2.7234	2.6976	-0.0258
48	50	HDR UNBIAS	2.6343	2.6189	-0.0154
49	50	HDR UNBIAS	2.9221	2.9348	0.0127
50	50	HDR UNBIAS	2.7564	2.8009	0.0445
51	100	HDR BIAS	2.751	2.7606	0.0096
52	100	HDR BIAS	2.7103	2.7786	0.0683
53	100	HDR BIAS	2.7747	2.7555	-0.0192
54	100	HDR BIAS	2.8008	2.9109	0.1101
55	100	HDR BIAS	2.7539	2.755	0.0011
56	100	HDR UNBIAS	2.7255	2.7838	0.0583
57	100	HDR UNBIAS	2.8372	2.8353	-0.0019
58	100	HDR UNBIAS	2.7558	2.7553	-0.0005
59	100	HDR UNBIAS	2.7472	2.7405	-0.0067
60	100	HDR UNBIAS	2.8008	2.838	0.0372
71	0	CORRELATION	2.7253	2.724	-0.0013
72	0	CORRELATION	2.5967	2.5964	-0.0003
73	0	CORRELATION	2.7772	2.7765	-0.0007

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.5967	2.6997	2.7772	0.092926	2.5964	2.699	2.7765	0.092623	-0.0013	-0.00076667	-0.0003	0.00050332
3	2.6065	2.7657	2.928	0.09252	2.6138	2.7669	2.9214	0.087014	-0.0154	0.00122	0.0145	0.010131
10	2.7258	2.7934	2.9252	0.068113	2.7048	2.7893	2.9379	0.07813	-0.0222	-0.00411	0.0166	0.014681
30	2.6553	2.7271	2.8603	0.061407	2.6355	2.7244	2.812	0.062956	-0.0483	-0.00271	0.0458	0.028789
50	2.6343	2.7534	2.9221	0.085639	2.6189	2.7623	2.9348	0.1008	-0.0319	0.00892	0.0627	0.032683
100	2.7103	2.7657	2.8372	0.038207	2.7405	2.7913	2.9109	0.053807	-0.0192	0.02563	0.1101	0.041515

Device Test: 18.5 CURRENT|SS_0p3V/SS/5/5/0/1000/5/100kHz//@I_SS





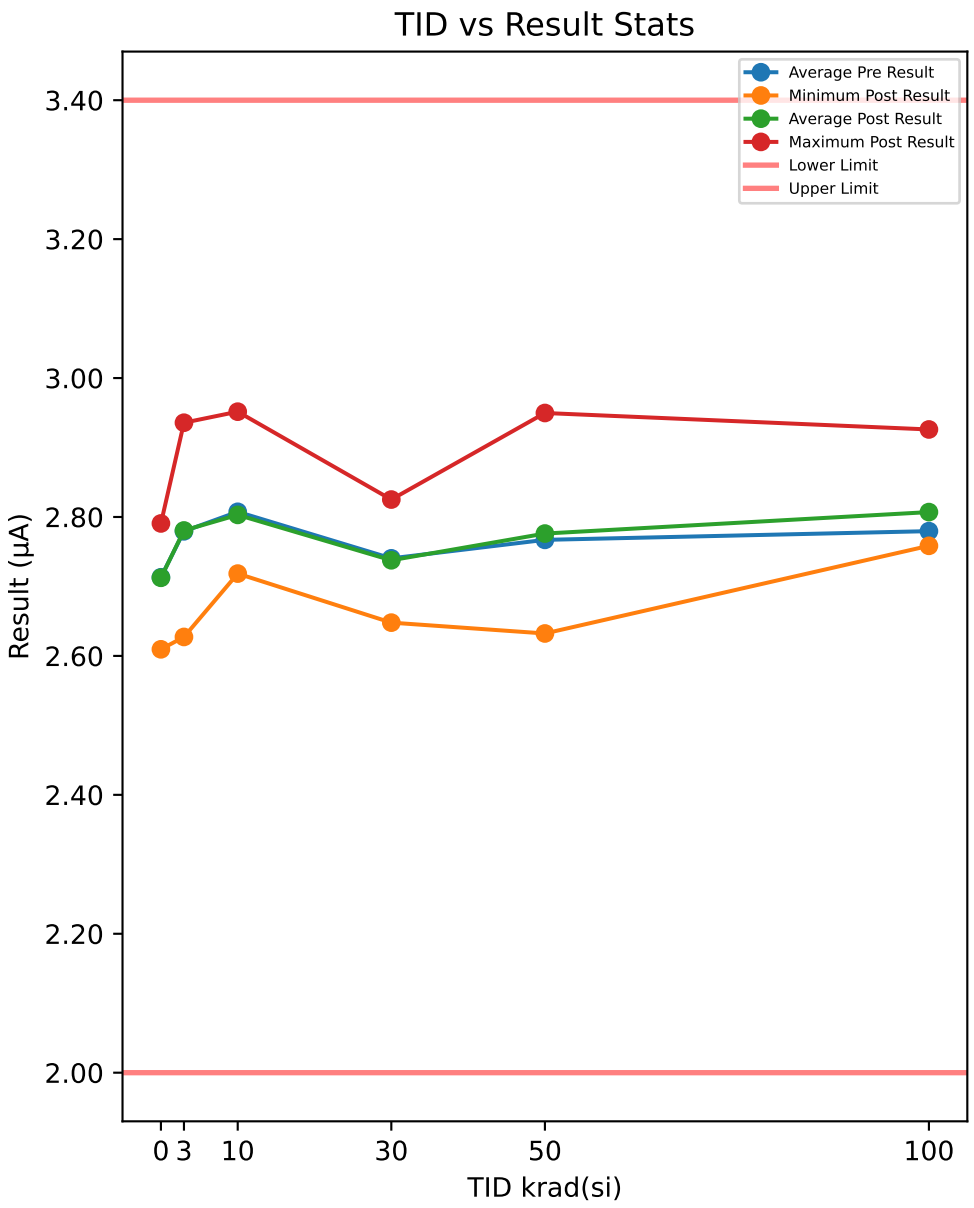
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

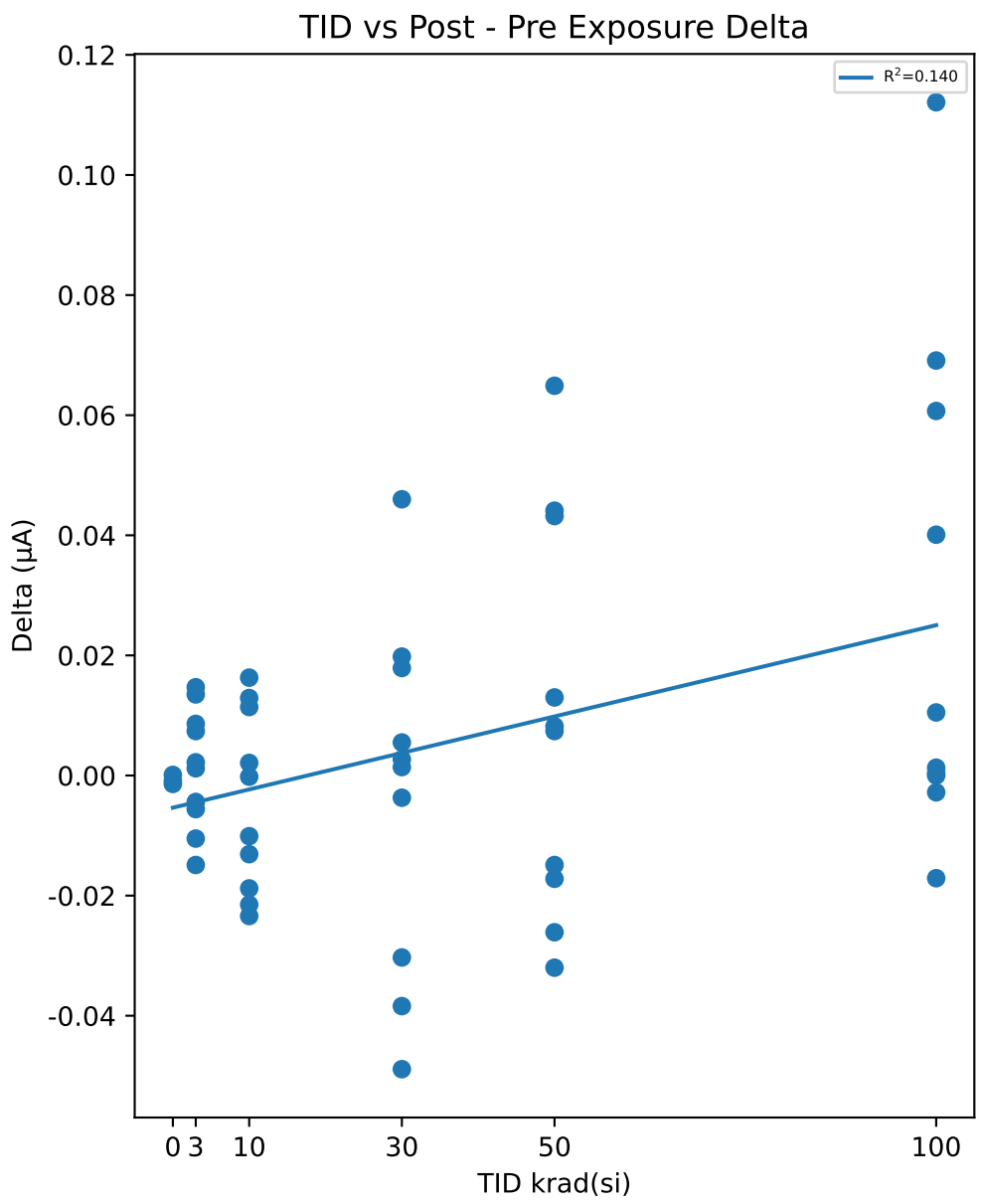
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.7095	2.711	0.0015
2	3	HDR BIAS	2.6207	2.6283	0.0076
3	3	HDR BIAS	2.8184	2.8207	0.0023
4	3	HDR BIAS	2.8042	2.8182	0.014
5	3	HDR BIAS	2.8236	2.8085	-0.0151
6	3	HDR UNBIAS	2.7817	2.7774	-0.0043
7	3	HDR UNBIAS	2.7749	2.7838	0.0089
8	3	HDR UNBIAS	2.9425	2.9356	-0.0069
9	3	HDR UNBIAS	2.6729	2.6876	0.0147
10	3	HDR UNBIAS	2.8523	2.8422	-0.0101
11	10	HDR BIAS	2.8397	2.8566	0.0169
12	10	HDR BIAS	2.7411	2.7526	0.0115
13	10	HDR BIAS	2.8907	2.8923	0.0016
14	10	HDR BIAS	2.7846	2.7745	-0.0101
15	10	HDR BIAS	2.7628	2.7481	-0.0147
16	10	HDR UNBIAS	2.7407	2.7193	-0.0214
17	10	HDR UNBIAS	2.7788	2.7603	-0.0185
18	10	HDR UNBIAS	2.8467	2.8465	-0.0002
19	10	HDR UNBIAS	2.9397	2.9525	0.0128
20	10	HDR UNBIAS	2.7562	2.7331	-0.0231
31	30	HDR BIAS	2.6785	2.6478	-0.0307
32	30	HDR BIAS	2.7648	2.7845	0.0197
33	30	HDR BIAS	2.716	2.7621	0.0461
34	30	HDR BIAS	2.792	2.8086	0.0166
35	30	HDR BIAS	2.7307	2.7324	0.0017
36	30	HDR UNBIAS	2.77	2.7667	-0.0033
37	30	HDR UNBIAS	2.6696	2.6706	0.001
38	30	HDR UNBIAS	2.7239	2.7298	0.0059
39	30	HDR UNBIAS	2.8752	2.8256	-0.0496
40	30	HDR UNBIAS	2.6915	2.6538	-0.0377
41	50	HDR BIAS	2.6714	2.6553	-0.0161
42	50	HDR BIAS	2.8376	2.8468	0.0092
43	50	HDR BIAS	2.6893	2.6968	0.0075
44	50	HDR BIAS	2.79	2.8549	0.0649
45	50	HDR BIAS	2.8047	2.7732	-0.0315
46	50	HDR UNBIAS	2.7893	2.8338	0.0445
47	50	HDR UNBIAS	2.7375	2.7124	-0.0251
48	50	HDR UNBIAS	2.6475	2.6339	-0.0136
49	50	HDR UNBIAS	2.9371	2.9507	0.0136
50	50	HDR UNBIAS	2.7713	2.8132	0.0419
51	100	HDR BIAS	2.7649	2.7767	0.0118
52	100	HDR BIAS	2.7244	2.7939	0.0695
53	100	HDR BIAS	2.789	2.7722	-0.0168
54	100	HDR BIAS	2.8146	2.927	0.1124
55	100	HDR BIAS	2.7683	2.7693	0.001
56	100	HDR UNBIAS	2.7399	2.7999	0.06
57	100	HDR UNBIAS	2.8527	2.8531	0.0004
58	100	HDR UNBIAS	2.7721	2.7728	0.0007
59	100	HDR UNBIAS	2.7621	2.7578	-0.0043
60	100	HDR UNBIAS	2.8148	2.8549	0.0401
71	0	CORRELATION	2.7395	2.7387	-0.0008
72	0	CORRELATION	2.6102	2.6104	0.0002
73	0	CORRELATION	2.7915	2.7914	-0.0001

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6102	2.7137	2.7915	0.093356	2.6104	2.7135	2.7914	0.093094	-0.0008	-0.00023333	0.0002	0.00051316
3	2.6207	2.7801	2.9425	0.092761	2.6283	2.7813	2.9356	0.087129	-0.0151	0.00126	0.0147	0.010203
10	2.7407	2.8081	2.9397	0.068165	2.7193	2.8036	2.9525	0.078293	-0.0231	-0.00452	0.0169	0.015026
30	2.6696	2.7412	2.8752	0.06191	2.6478	2.7382	2.8256	0.063326	-0.0496	-0.00303	0.0461	0.029003
50	2.6475	2.7676	2.9371	0.086093	2.6339	2.7771	2.9507	0.10086	-0.0315	0.00953	0.0649	0.032373
100	2.7244	2.7803	2.8527	0.038327	2.7578	2.8078	2.927	0.053931	-0.0168	0.02748	0.1124	0.041583

Device Test: 18.9 CURRENT|SS_0p3V/SS/12/12/0/1000/5/100kHz//@I_SS





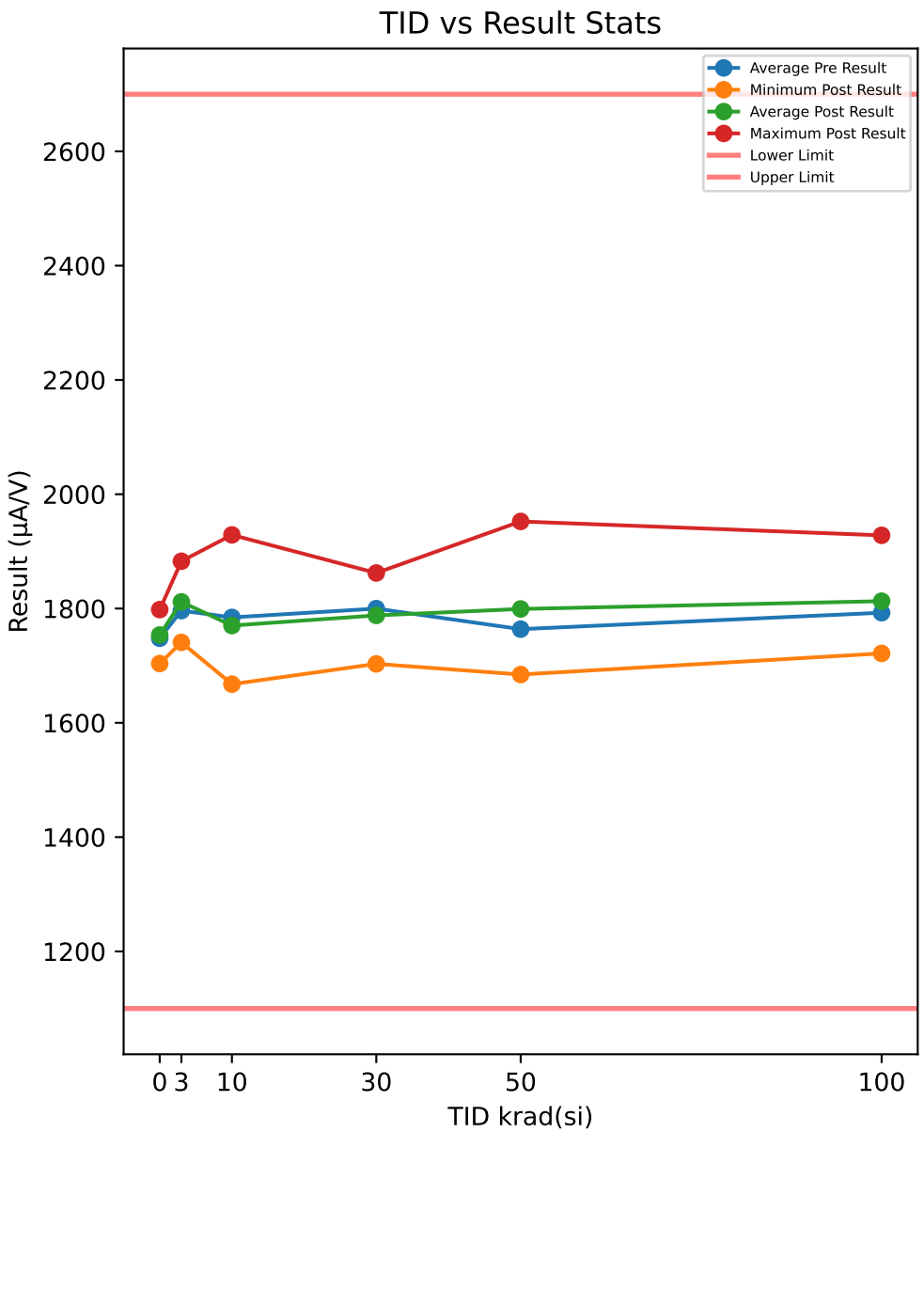
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

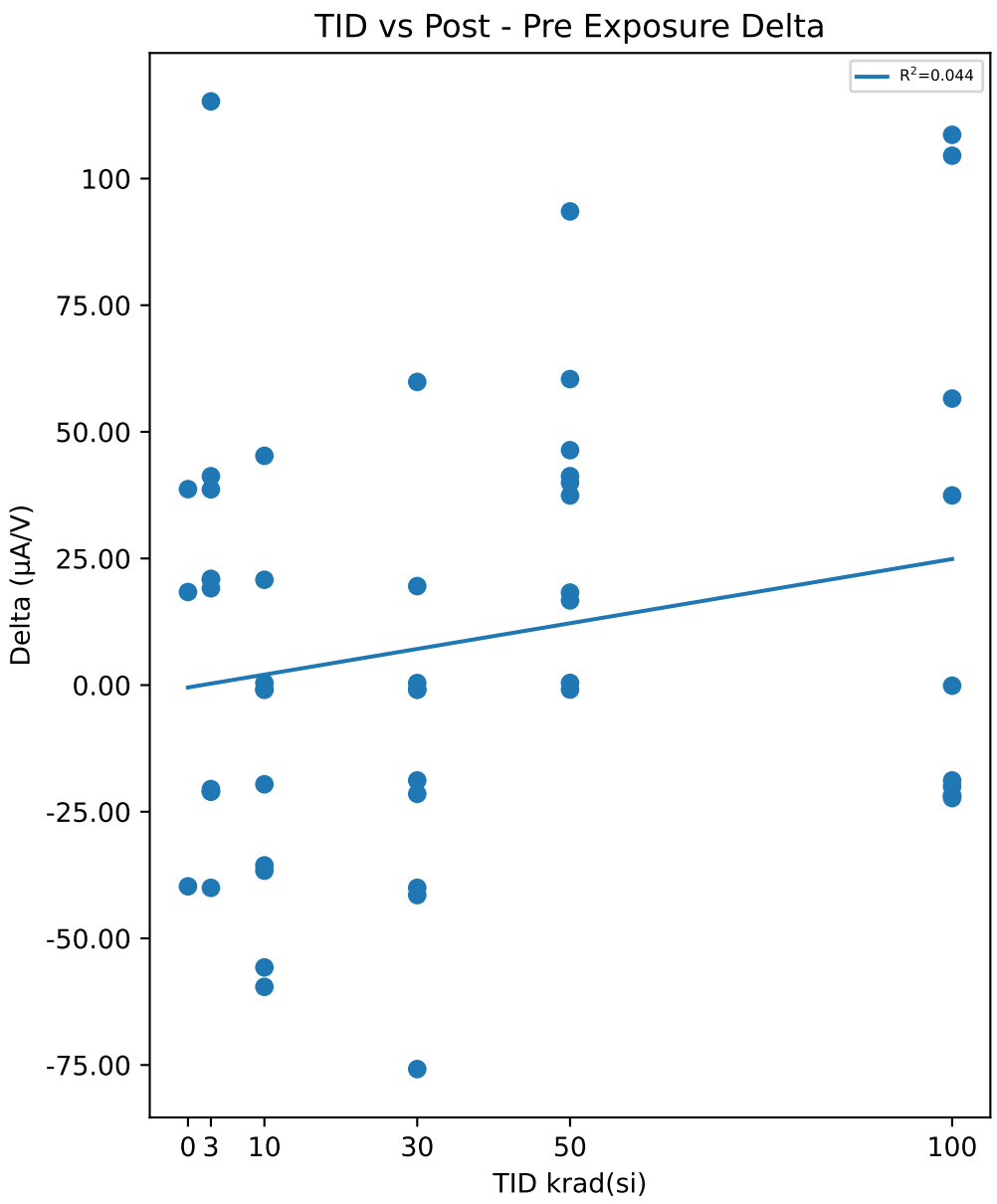
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.709	2.7102	0.0012
2	3	HDR BIAS	2.6199	2.6273	0.0074
3	3	HDR BIAS	2.8176	2.8198	0.0022
4	3	HDR BIAS	2.8039	2.8174	0.0135
5	3	HDR BIAS	2.8226	2.8077	-0.0149
6	3	HDR UNBIAS	2.7811	2.7767	-0.0044
7	3	HDR UNBIAS	2.7743	2.7829	0.0086
8	3	HDR UNBIAS	2.9413	2.9357	-0.0056
9	3	HDR UNBIAS	2.6722	2.6869	0.0147
10	3	HDR UNBIAS	2.8518	2.8413	-0.0105
11	10	HDR BIAS	2.8397	2.856	0.0163
12	10	HDR BIAS	2.7407	2.7521	0.0114
13	10	HDR BIAS	2.89	2.8921	0.0021
14	10	HDR BIAS	2.784	2.7739	-0.0101
15	10	HDR BIAS	2.761	2.7479	-0.0131
16	10	HDR UNBIAS	2.74	2.7185	-0.0215
17	10	HDR UNBIAS	2.7784	2.7596	-0.0188
18	10	HDR UNBIAS	2.8462	2.846	-0.0002
19	10	HDR UNBIAS	2.9387	2.9516	0.0129
20	10	HDR UNBIAS	2.7558	2.7324	-0.0234
31	30	HDR BIAS	2.6782	2.6479	-0.0303
32	30	HDR BIAS	2.7646	2.7844	0.0198
33	30	HDR BIAS	2.7148	2.7608	0.046
34	30	HDR BIAS	2.7911	2.809	0.0179
35	30	HDR BIAS	2.7295	2.7322	0.0027
36	30	HDR UNBIAS	2.7693	2.7656	-0.0037
37	30	HDR UNBIAS	2.6687	2.6701	0.0014
38	30	HDR UNBIAS	2.7236	2.7291	0.0055
39	30	HDR UNBIAS	2.874	2.8251	-0.0489
40	30	HDR UNBIAS	2.6909	2.6525	-0.0384
41	50	HDR BIAS	2.6707	2.6535	-0.0172
42	50	HDR BIAS	2.8369	2.8451	0.0082
43	50	HDR BIAS	2.6886	2.696	0.0074
44	50	HDR BIAS	2.7893	2.8542	0.0649
45	50	HDR BIAS	2.8036	2.7716	-0.032
46	50	HDR UNBIAS	2.7893	2.8334	0.0441
47	50	HDR UNBIAS	2.7378	2.7117	-0.0261
48	50	HDR UNBIAS	2.6472	2.6323	-0.0149
49	50	HDR UNBIAS	2.9367	2.9497	0.013
50	50	HDR UNBIAS	2.7706	2.8138	0.0432
51	100	HDR BIAS	2.7648	2.7753	0.0105
52	100	HDR BIAS	2.724	2.7931	0.0691
53	100	HDR BIAS	2.7882	2.7711	-0.0171
54	100	HDR BIAS	2.8139	2.926	0.1121
55	100	HDR BIAS	2.7677	2.769	0.0013
56	100	HDR UNBIAS	2.739	2.7997	0.0607
57	100	HDR UNBIAS	2.8518	2.8518	0
58	100	HDR UNBIAS	2.7707	2.7711	0.0004
59	100	HDR UNBIAS	2.7613	2.7585	-0.0028
60	100	HDR UNBIAS	2.8147	2.8548	0.0401
71	0	CORRELATION	2.7386	2.7372	-0.0014
72	0	CORRELATION	2.6104	2.6095	-0.0009
73	0	CORRELATION	2.7906	2.7907	0.0001

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6104	2.7132	2.7906	0.092746	2.6095	2.7125	2.7907	0.093098	-0.0014	-0.00073333	0.0001	0.00076376
3	2.6199	2.7794	2.9413	0.092674	2.6273	2.7806	2.9357	0.08732	-0.0149	0.00122	0.0147	0.010008
10	2.74	2.8075	2.9387	0.068156	2.7185	2.803	2.9516	0.078288	-0.0234	-0.00444	0.0163	0.01493
30	2.6687	2.7405	2.874	0.061785	2.6479	2.7377	2.8251	0.063432	-0.0489	-0.0028	0.046	0.029035
50	2.6472	2.7671	2.9367	0.086059	2.6323	2.7761	2.9497	0.1011	-0.032	0.00906	0.0649	0.032857
100	2.724	2.7796	2.8518	0.038311	2.7585	2.807	2.926	0.053829	-0.0171	0.02743	0.1121	0.041529

Device Test: 19.1 LEVEL|TRANSCONDUCTANCE//4.5/4.5/0/0/4.5/500kHz//@EA_GM





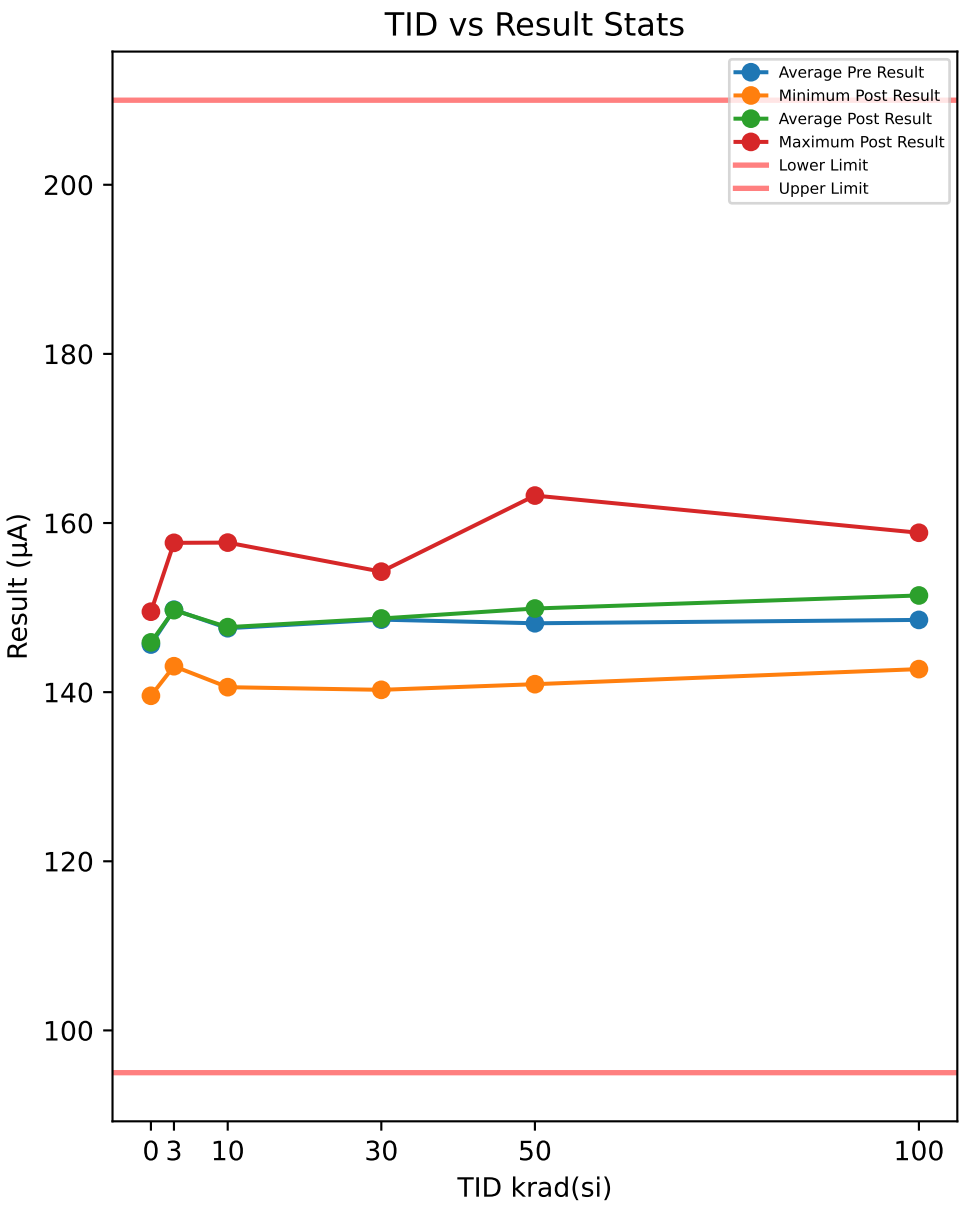
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

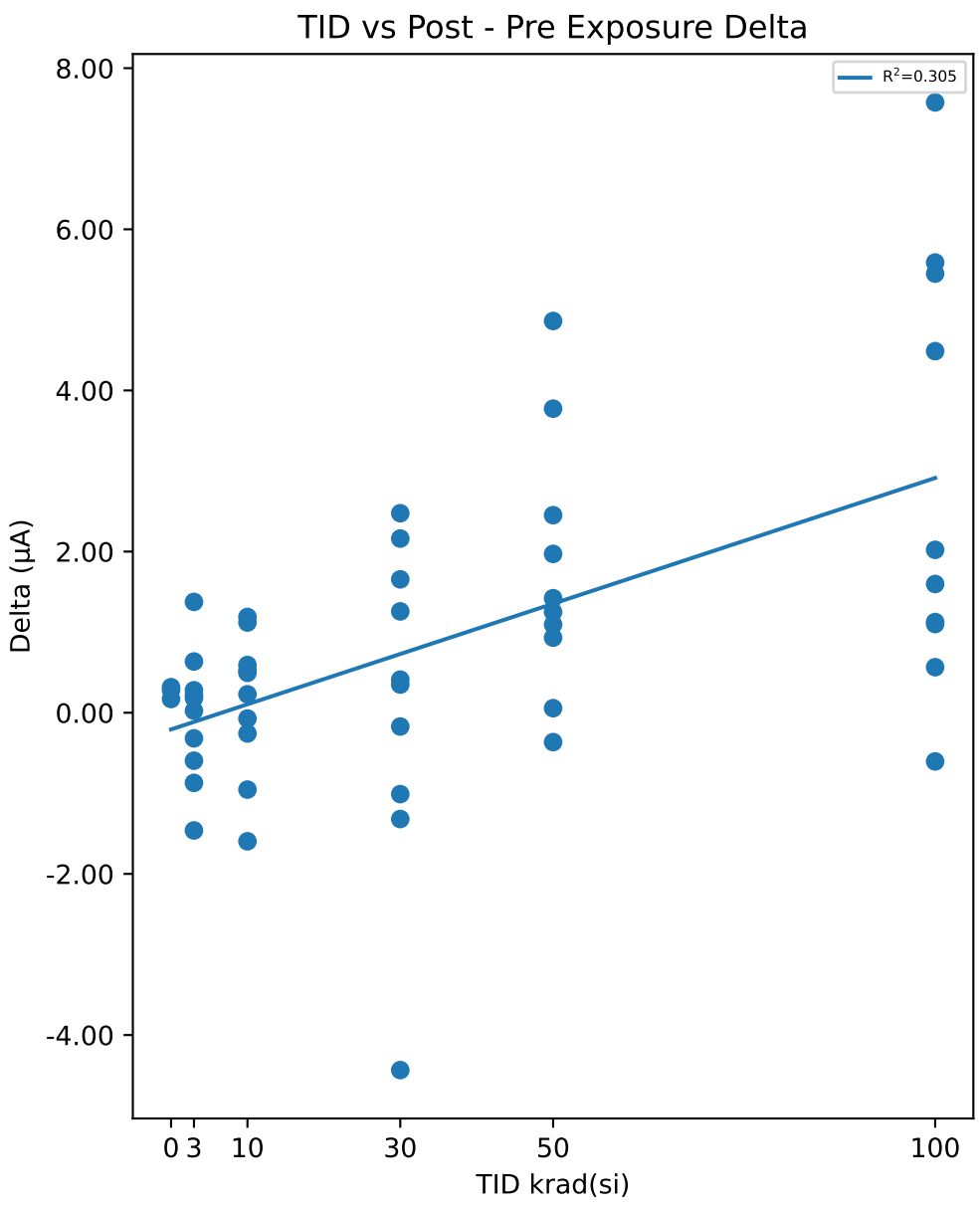
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1798.9	1840.2	41.238
2	3	HDR BIAS	1721.6	1740.8	19.122
3	3	HDR BIAS	1759.4	1798.1	38.646
4	3	HDR BIAS	1840.3	1819.3	-21.003
5	3	HDR BIAS	1799	1819.9	20.881
6	3	HDR UNBIAS	1861.7	1882.7	20.975
7	3	HDR UNBIAS	1819.4	1798.8	-20.531
8	3	HDR UNBIAS	1819.5	1779.4	-40.024
9	3	HDR UNBIAS	1703.3	1818.5	115.24
10	3	HDR UNBIAS	1840.3	1819.3	-21.033
11	10	HDR BIAS	1759.5	1759.9	0.4153
12	10	HDR BIAS	1840.3	1839.4	-0.908
13	10	HDR BIAS	1819.4	1840.2	20.794
14	10	HDR BIAS	1759.5	1703.7	-55.737
15	10	HDR BIAS	1740.3	1720.7	-19.581
16	10	HDR UNBIAS	1703.2	1667.7	-35.587
17	10	HDR UNBIAS	1819.5	1759.9	-59.566
18	10	HDR UNBIAS	1779	1778.1	-0.8767
19	10	HDR UNBIAS	1883.6	1928.8	45.27
20	10	HDR UNBIAS	1740.4	1703.7	-36.637
31	30	HDR BIAS	1840.3	1798.8	-41.455
32	30	HDR BIAS	1819.5	1779.4	-40.014
33	30	HDR BIAS	1799	1818.5	19.548
34	30	HDR BIAS	1759.4	1819.3	59.858
35	30	HDR BIAS	1883.7	1862.2	-21.462
36	30	HDR UNBIAS	1799	1798.1	-0.8869
37	30	HDR UNBIAS	1778.9	1703.1	-75.803
38	30	HDR UNBIAS	1759.5	1759.9	0.4153
39	30	HDR UNBIAS	1819.4	1818.5	-0.8973
40	30	HDR UNBIAS	1740.3	1721.4	-18.821
41	50	HDR BIAS	1703.3	1740.8	37.432
42	50	HDR BIAS	1799	1798.1	-0.8869
43	50	HDR BIAS	1685.3	1778.8	93.525
44	50	HDR BIAS	1759.5	1799.4	39.96
45	50	HDR BIAS	1740.3	1758.6	18.26
46	50	HDR UNBIAS	1798.9	1840.2	41.248
47	50	HDR UNBIAS	1759.5	1819.9	60.416
48	50	HDR UNBIAS	1667.8	1684.5	16.72
49	50	HDR UNBIAS	1906	1952.4	46.379
50	50	HDR UNBIAS	1819.5	1819.9	0.4342
51	100	HDR BIAS	1861.7	1839.4	-22.31
52	100	HDR BIAS	1778.9	1883.5	104.52
53	100	HDR BIAS	1703.3	1740.8	37.449
54	100	HDR BIAS	1819.4	1928.1	108.64
55	100	HDR BIAS	1819.4	1819.3	-0.1183
56	100	HDR UNBIAS	1703.3	1759.9	56.577
57	100	HDR UNBIAS	1840.3	1818.5	-21.823
58	100	HDR UNBIAS	1740.3	1721.4	-18.821
59	100	HDR UNBIAS	1819.5	1799.4	-20.022
60	100	HDR UNBIAS	1840.3	1818.5	-21.833
71	0	CORRELATION	1799	1759.3	-39.729
72	0	CORRELATION	1685.3	1703.7	18.381
73	0	CORRELATION	1759.4	1798.1	38.693

Test Statistics (µA/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	1685.3	1747.9	1799	57.694	1703.7	1753.7	1798.1	47.425	-39.729	5.7817	38.693	40.701
3	1703.3	1796.3	1861.7	52.515	1740.8	1811.7	1882.7	37.274	-40.024	15.351	115.24	45.051
10	1703.2	1784.5	1883.6	54.933	1667.7	1770.2	1928.8	79.534	-59.566	-14.241	45.27	33.503
30	1740.3	1799.9	1883.7	43.054	1703.1	1787.9	1862.2	48.371	-75.803	-11.952	59.858	37.147
50	1667.8	1763.9	1906	71.036	1684.5	1799.3	1952.4	70.424	-0.8869	35.349	93.525	28.608
100	1703.3	1792.6	1861.7	58.082	1721.4	1812.9	1928.1	62.898	-22.31	20.226	108.64	53.172

Device Test: 19.10 CURRENT|EA_SOURCE//12/12/0/0/5/500kHz//@EA_I_SOURCE





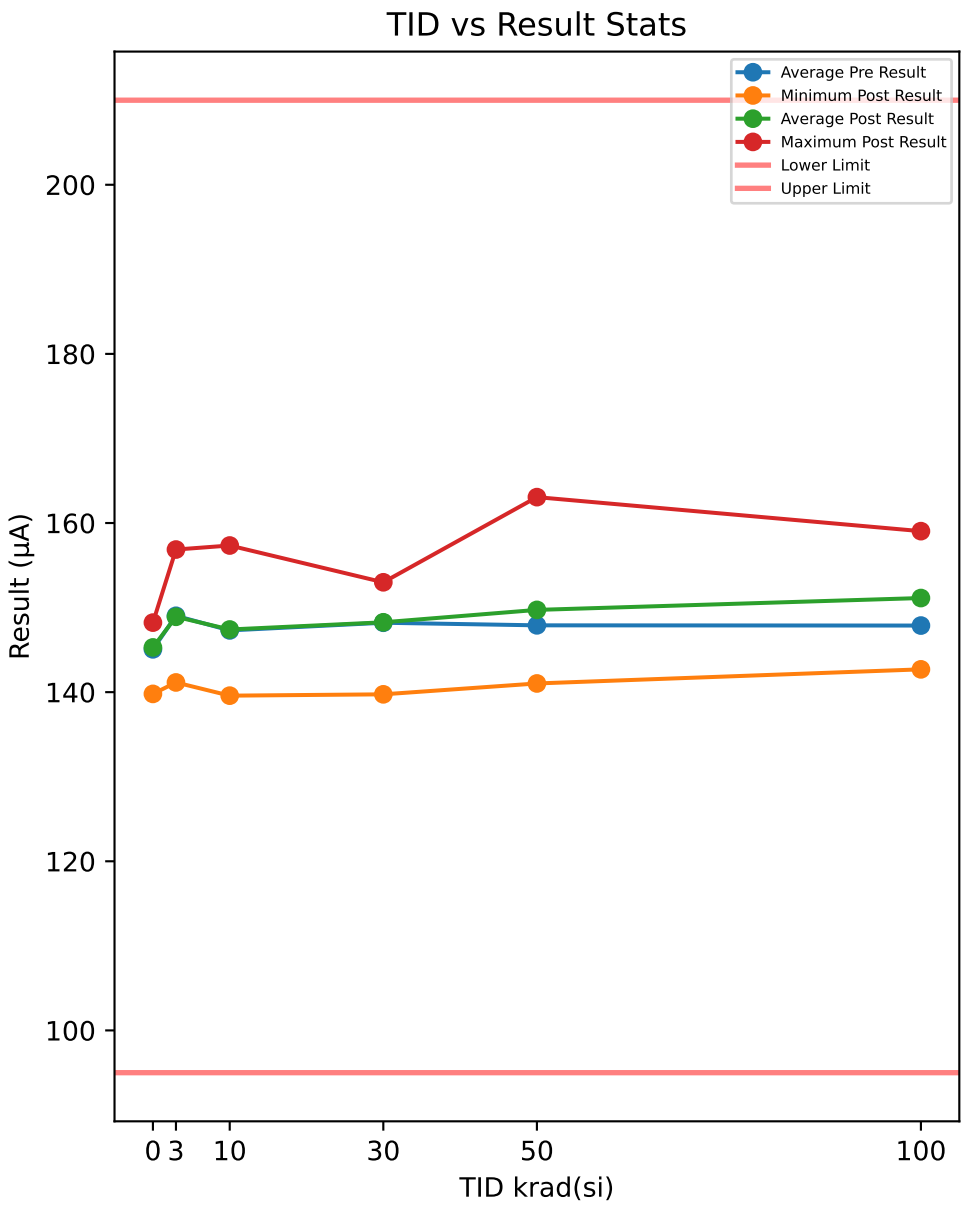
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

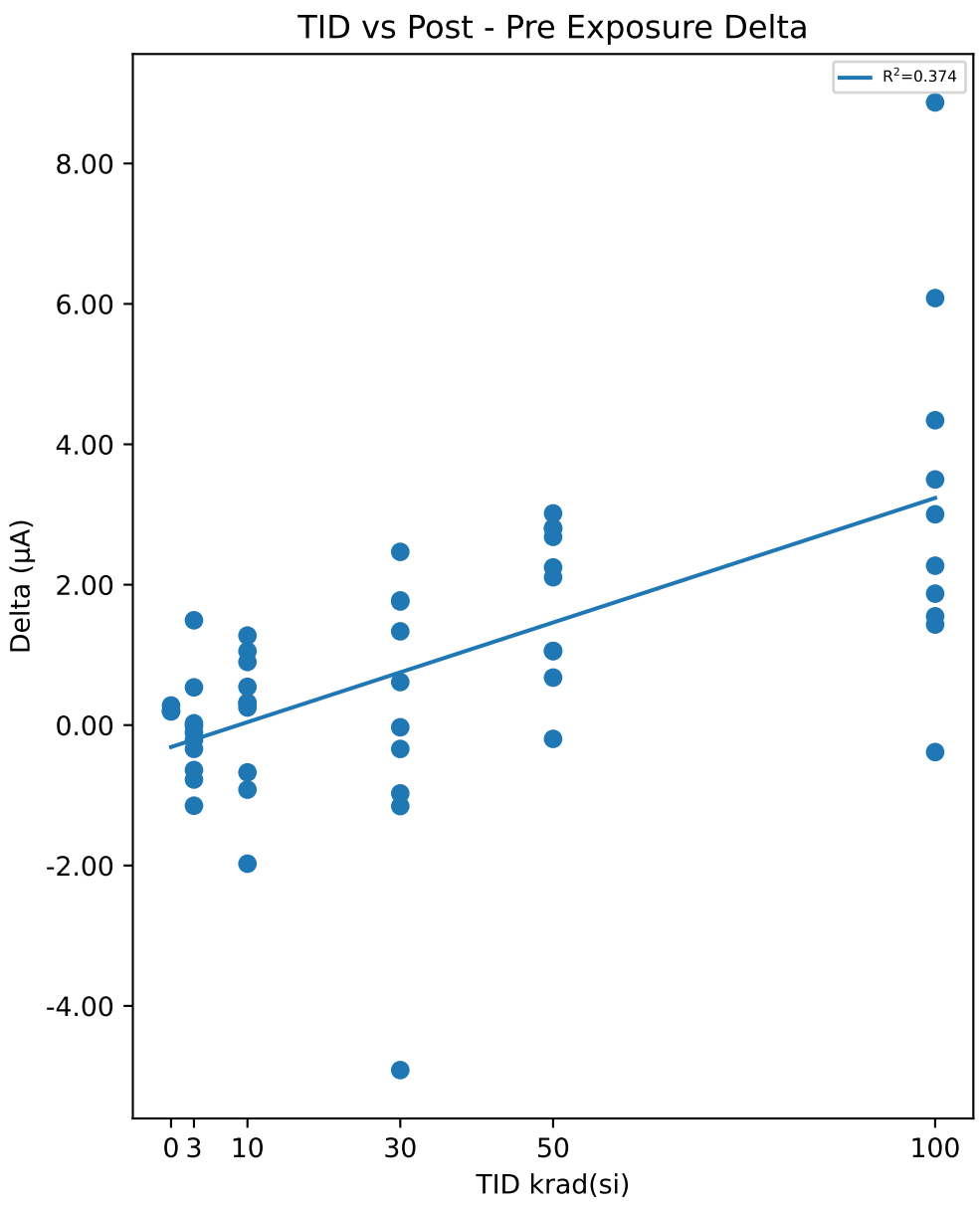
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	151.59	150.99	-0.595
2	3	HDR BIAS	142.43	143.07	0.6359
3	3	HDR BIAS	147.26	147.45	0.1821
4	3	HDR BIAS	149.71	149.99	0.2789
5	3	HDR BIAS	147.96	146.5	-1.4609
6	3	HDR UNBIAS	157.98	157.66	-0.3179
7	3	HDR UNBIAS	150.52	150.74	0.2187
8	3	HDR UNBIAS	150.38	150.41	0.0256
9	3	HDR UNBIAS	145.79	147.16	1.3758
10	3	HDR UNBIAS	153.87	153	-0.8703
11	10	HDR BIAS	147.11	148.23	1.1199
12	10	HDR BIAS	151.63	152.82	1.1887
13	10	HDR BIAS	148.52	149.04	0.5264
14	10	HDR BIAS	143.44	143.67	0.2289
15	10	HDR BIAS	144.09	144.59	0.4956
16	10	HDR UNBIAS	140	140.59	0.5929
17	10	HDR UNBIAS	149.28	148.33	-0.9536
18	10	HDR UNBIAS	149.4	149.14	-0.2572
19	10	HDR UNBIAS	157.76	157.68	-0.072
20	10	HDR UNBIAS	144.38	142.78	-1.5957
31	30	HDR BIAS	149.61	148.6	-1.01
32	30	HDR BIAS	153.4	153.81	0.411
33	30	HDR BIAS	148.39	150.56	2.1619
34	30	HDR BIAS	147.86	149.51	1.6556
35	30	HDR BIAS	153.9	154.25	0.3493
36	30	HDR UNBIAS	148.24	150.71	2.4761
37	30	HDR UNBIAS	141.5	142.76	1.2578
38	30	HDR UNBIAS	147.36	147.19	-0.1709
39	30	HDR UNBIAS	153.89	149.46	-4.435
40	30	HDR UNBIAS	141.59	140.27	-1.319
41	50	HDR BIAS	141.74	143.16	1.4216
42	50	HDR BIAS	152.6	153.7	1.0947
43	50	HDR BIAS	145.13	144.77	-0.3646
44	50	HDR BIAS	149	150.25	1.2506
45	50	HDR BIAS	147.17	147.23	0.0564
46	50	HDR UNBIAS	148.11	152.97	4.862
47	50	HDR UNBIAS	147.55	148.48	0.932
48	50	HDR UNBIAS	138.97	140.94	1.9711
49	50	HDR UNBIAS	160.8	163.25	2.4521
50	50	HDR UNBIAS	150.38	154.15	3.7739
51	100	HDR BIAS	151.5	152.63	1.1258
52	100	HDR BIAS	151.27	158.85	7.5751
53	100	HDR BIAS	142.43	144.45	2.0219
54	100	HDR BIAS	152.32	157.91	5.5878
55	100	HDR BIAS	150.83	151.4	0.5654
56	100	HDR UNBIAS	140.36	145.81	5.4501
57	100	HDR UNBIAS	154.02	155.61	1.5978
58	100	HDR UNBIAS	141.62	142.73	1.101
59	100	HDR UNBIAS	150.47	149.87	-0.6041
60	100	HDR UNBIAS	150.59	155.08	4.4876
71	0	CORRELATION	149.34	149.51	0.1704
72	0	CORRELATION	139.25	139.57	0.3173
73	0	CORRELATION	148.3	148.58	0.2799

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.25	145.63	149.34	5.5483	139.57	145.89	149.51	5.4904	0.1704	0.25587	0.3173	0.076342
3	142.43	149.75	157.98	4.3163	143.07	149.7	157.66	3.9904	-1.4609	-0.05271	1.3758	0.80108
10	140	147.56	157.76	4.9931	140.59	147.69	157.68	5.0682	-1.5957	0.12739	1.1887	0.8793
30	141.5	148.57	153.9	4.4954	140.27	148.71	154.25	4.3995	-4.435	0.13768	2.4761	2.0463
50	138.97	148.15	160.8	5.9742	140.94	149.89	163.25	6.5097	-0.3646	1.745	4.862	1.6027
100	140.36	148.54	154.02	5.0097	142.73	151.43	158.85	5.6547	-0.6041	2.8908	7.5751	2.6809

Device Test: 19.11 CURRENT|EA_SINK//12/12/0/0/5/500kHz//@EA_I_SINK





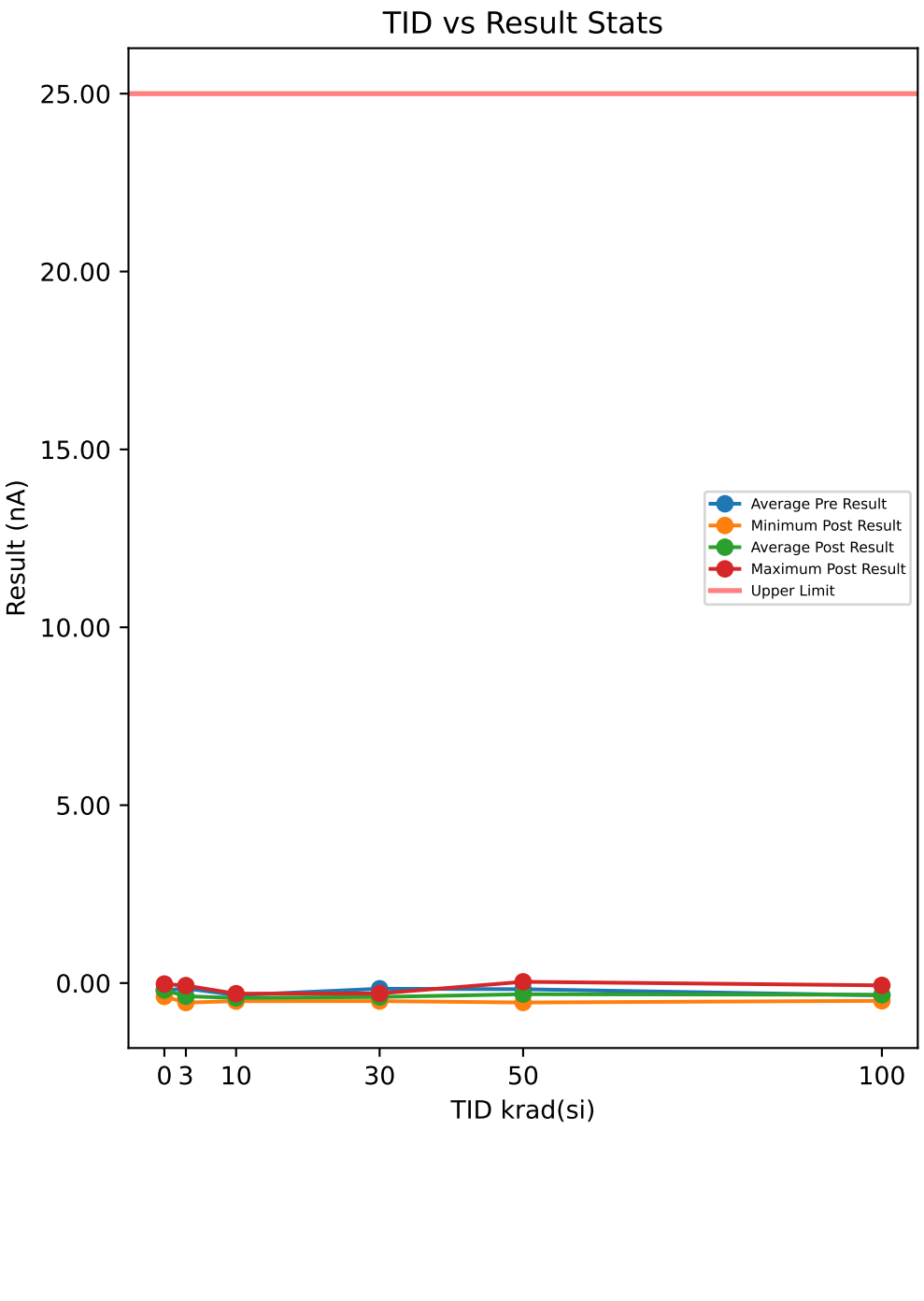
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

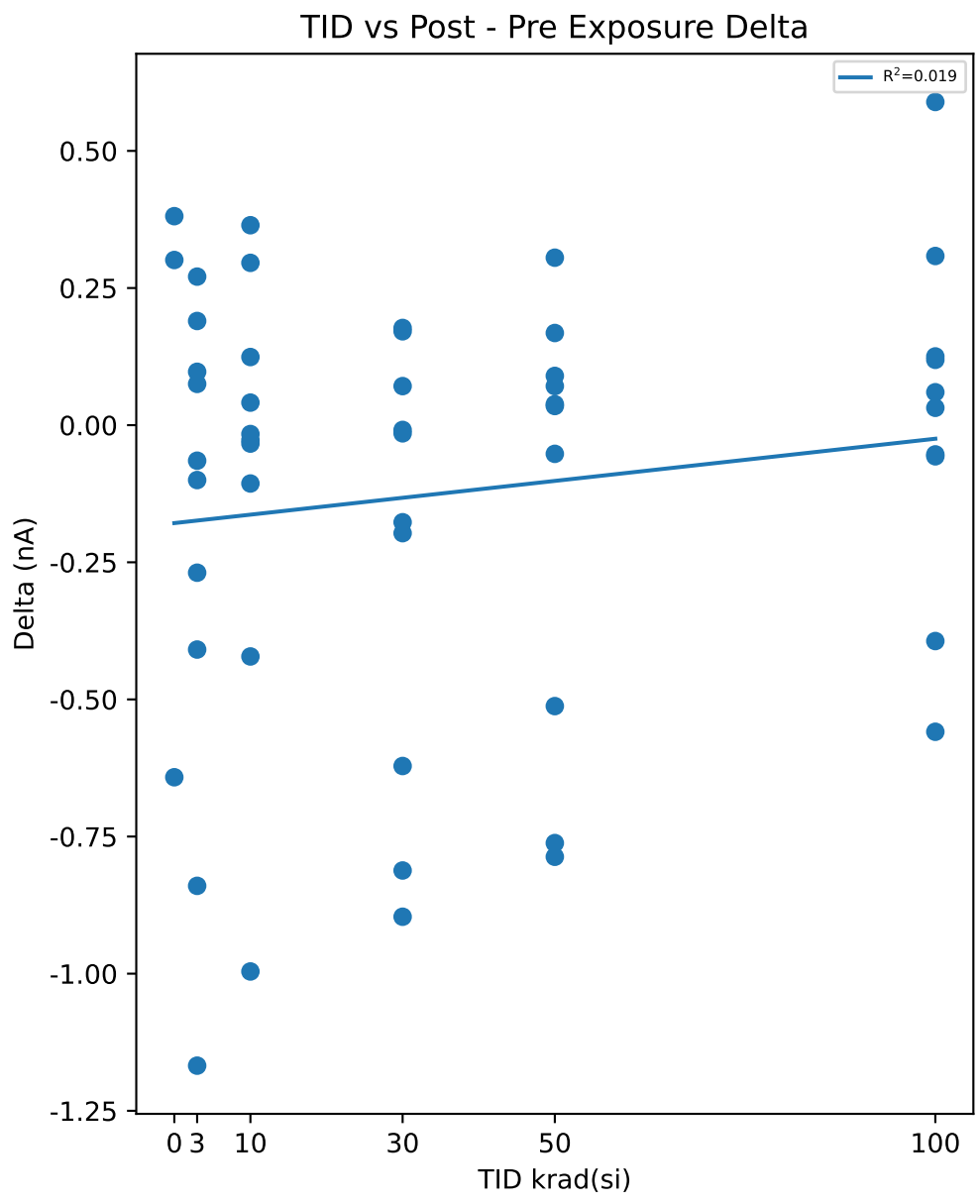
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	150.95	150.18	-0.7751
2	3	HDR BIAS	140.61	141.15	0.5372
3	3	HDR BIAS	146.54	146.53	-0.0145
4	3	HDR BIAS	149.76	149.55	-0.2133
5	3	HDR BIAS	146.99	145.84	-1.148
6	3	HDR UNBIAS	156.97	156.86	-0.1062
7	3	HDR UNBIAS	149.95	149.61	-0.3384
8	3	HDR UNBIAS	150.19	150.22	0.0255
9	3	HDR UNBIAS	144.59	146.09	1.4932
10	3	HDR UNBIAS	153.74	153.1	-0.6403
11	10	HDR BIAS	147.08	147.98	0.8997
12	10	HDR BIAS	151.88	153.16	1.2751
13	10	HDR BIAS	147.85	148.16	0.3147
14	10	HDR BIAS	143.82	144.36	0.5452
15	10	HDR BIAS	143.12	144.17	1.053
16	10	HDR UNBIAS	139.27	139.59	0.3182
17	10	HDR UNBIAS	150.19	149.27	-0.9195
18	10	HDR UNBIAS	148.68	148	-0.6738
19	10	HDR UNBIAS	157.09	157.34	0.2506
20	10	HDR UNBIAS	144.04	142.06	-1.9742
31	30	HDR BIAS	149.57	149.23	-0.3397
32	30	HDR BIAS	152.74	152.71	-0.0312
33	30	HDR BIAS	147.48	149.95	2.468
34	30	HDR BIAS	148.01	149.77	1.7609
35	30	HDR BIAS	153.96	152.99	-0.9731
36	30	HDR UNBIAS	146.45	148.22	1.7764
37	30	HDR UNBIAS	142.87	144.21	1.3356
38	30	HDR UNBIAS	145.76	146.38	0.6129
39	30	HDR UNBIAS	154.33	149.42	-4.9142
40	30	HDR UNBIAS	140.9	139.74	-1.1537
41	50	HDR BIAS	140.96	143.76	2.806
42	50	HDR BIAS	152.32	153.38	1.0552
43	50	HDR BIAS	145.31	145.12	-0.1964
44	50	HDR BIAS	150.82	152.93	2.106
45	50	HDR BIAS	145.79	146.46	0.6766
46	50	HDR UNBIAS	147.25	150.27	3.0156
47	50	HDR UNBIAS	146.61	147.67	1.0561
48	50	HDR UNBIAS	138.78	141.03	2.2458
49	50	HDR UNBIAS	160.38	163.06	2.6812
50	50	HDR UNBIAS	150.79	153.59	2.7988
51	100	HDR BIAS	152.38	153.82	1.4323
52	100	HDR BIAS	150.17	159.04	8.8704
53	100	HDR BIAS	140.89	144.39	3.4988
54	100	HDR BIAS	151.85	157.93	6.0824
55	100	HDR BIAS	150.83	152.38	1.5501
56	100	HDR UNBIAS	138.38	142.72	4.3431
57	100	HDR UNBIAS	153.26	155.14	1.8725
58	100	HDR UNBIAS	140.43	142.7	2.2704
59	100	HDR UNBIAS	150.07	149.68	-0.3843
60	100	HDR UNBIAS	150.5	153.5	3.0029
71	0	CORRELATION	147.65	147.85	0.202
72	0	CORRELATION	139.6	139.79	0.1943
73	0	CORRELATION	147.94	148.22	0.279

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.6	145.06	147.94	4.7352	139.79	145.29	148.22	4.7632	0.1943	0.2251	0.279	0.046837
3	140.61	149.03	156.97	4.6258	141.15	148.91	156.86	4.3251	-1.148	-0.11799	1.4932	0.73634
10	139.27	147.3	157.09	5.0805	139.59	147.41	157.34	5.2283	-1.9742	0.1089	1.2751	1.0101
30	140.9	148.21	154.33	4.5293	139.74	148.26	152.99	3.9739	-4.9142	0.05419	2.468	2.1349
50	138.78	147.9	160.38	6.1172	141.03	149.73	163.06	6.3595	-0.1964	1.8245	3.0156	1.1008
100	138.38	147.88	153.26	5.6295	142.7	151.13	159.04	6.0421	-0.3843	3.2539	8.8704	2.6497

Device Test: 19.12 CURRENT|EA//12/12/0/0/5/500kHz//@EA_IB





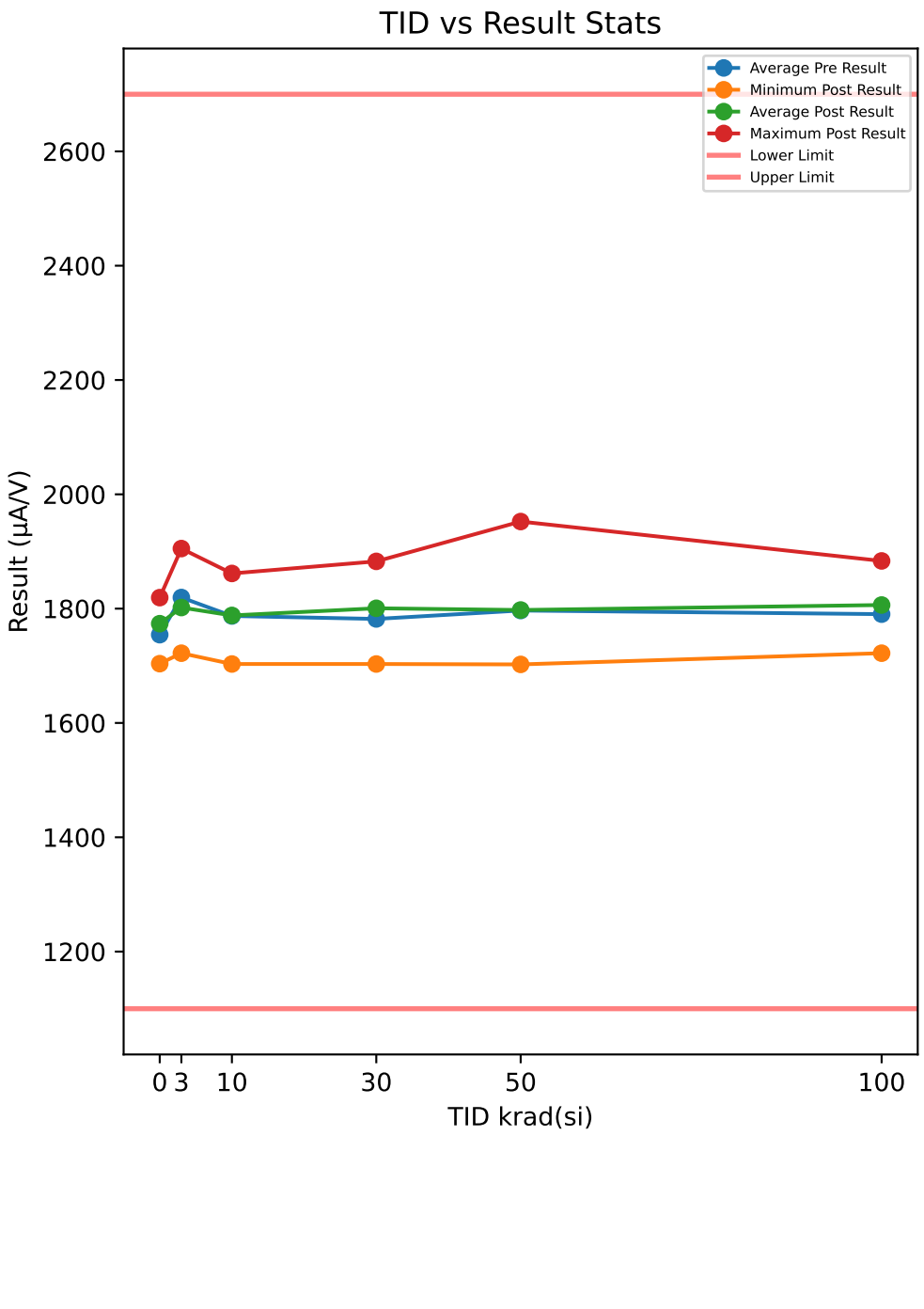
Test Results (Upper Limit = 25.0 (nA))

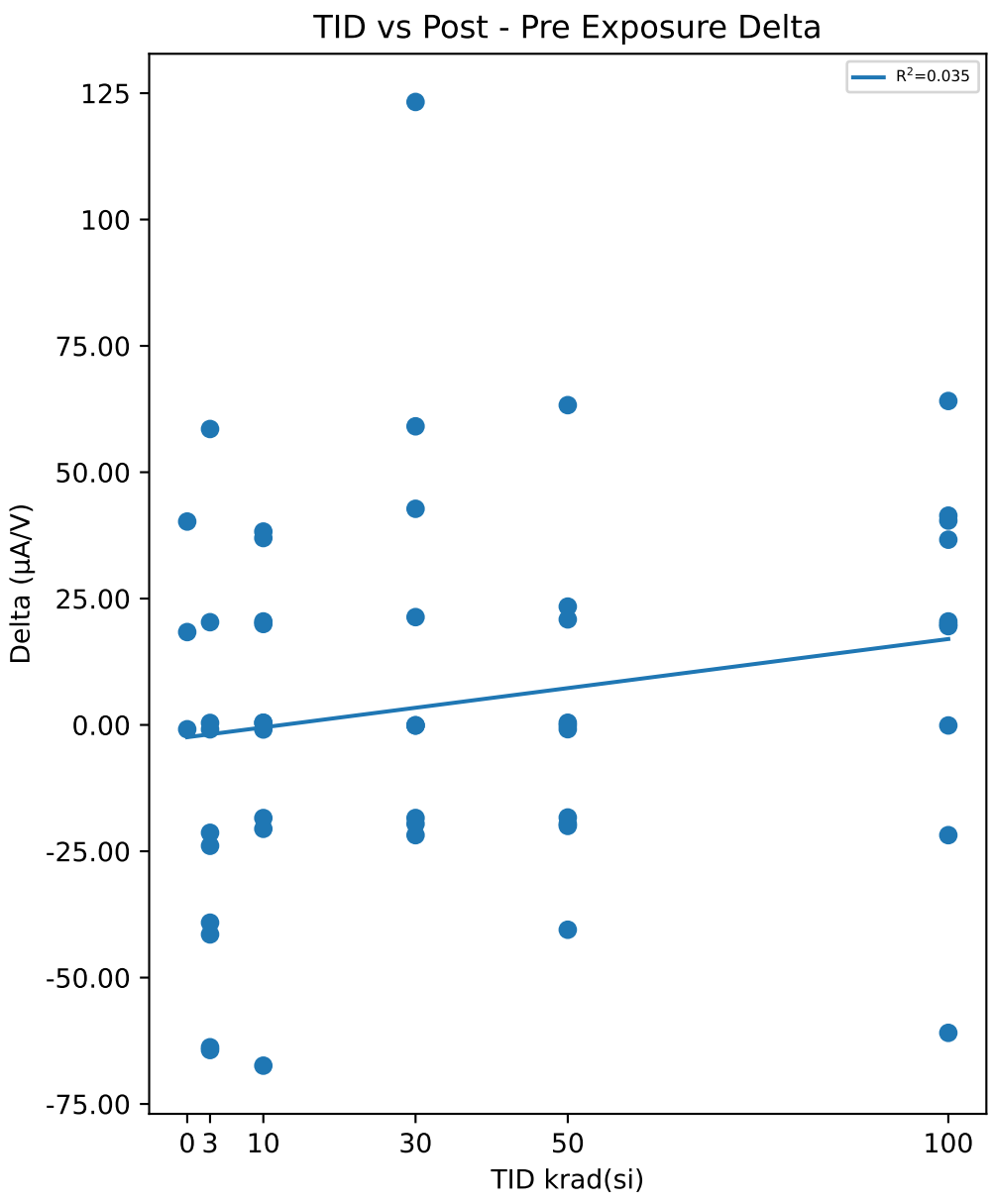
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6216	-0.5461	-1.1677
2	3	HDR BIAS	-0.2793	-0.5483	-0.269
3	3	HDR BIAS	-0.355	-0.4198	-0.0648
4	3	HDR BIAS	0.6309	-0.209	-0.8399
5	3	HDR BIAS	-0.2606	-0.0707	0.1899
6	3	HDR UNBIAS	-0.3643	-0.2891	0.0752
7	3	HDR UNBIAS	-0.0995	-0.5086	-0.4091
8	3	HDR UNBIAS	-0.6412	-0.3704	0.2708
9	3	HDR UNBIAS	-0.4268	-0.3295	0.0973
10	3	HDR UNBIAS	-0.318	-0.4181	-0.1001
11	10	HDR BIAS	-0.635	-0.3391	0.2959
12	10	HDR BIAS	-0.408	-0.3669	0.0411
13	10	HDR BIAS	-0.3024	-0.4088	-0.1064
14	10	HDR BIAS	-0.6631	-0.2986	0.3645
15	10	HDR BIAS	-0.4767	-0.5039	-0.0272
16	10	HDR UNBIAS	-0.0495	-0.4712	-0.4217
17	10	HDR UNBIAS	-0.5851	-0.4609	0.1242
18	10	HDR UNBIAS	-0.3987	-0.4323	-0.0336
19	10	HDR UNBIAS	0.4874	-0.5086	-0.996
20	10	HDR UNBIAS	-0.3791	-0.3953	-0.0162
31	30	HDR BIAS	-0.2431	-0.44	-0.1969
32	30	HDR BIAS	-0.5351	-0.3579	0.1772
33	30	HDR BIAS	-0.33	-0.507	-0.177
34	30	HDR BIAS	0.2657	-0.3557	-0.6214
35	30	HDR BIAS	-0.3635	-0.2923	0.0712
36	30	HDR UNBIAS	-0.4205	-0.4354	-0.0149
37	30	HDR UNBIAS	0.3875	-0.4244	-0.8119
38	30	HDR UNBIAS	-0.4759	-0.3048	0.1711
39	30	HDR UNBIAS	-0.4174	-0.4261	-0.0087
40	30	HDR UNBIAS	0.5342	-0.362	-0.8962
41	50	HDR BIAS	-0.4291	-0.2611	0.168
42	50	HDR BIAS	-0.4674	-0.4292	0.0382
43	50	HDR BIAS	-0.0339	-0.5461	-0.5122
44	50	HDR BIAS	-0.532	-0.4422	0.0898
45	50	HDR BIAS	-0.4174	-0.3825	0.0349
46	50	HDR UNBIAS	0.5716	-0.1903	-0.7619
47	50	HDR UNBIAS	-0.2699	0.0354	0.3053
48	50	HDR UNBIAS	-0.3706	-0.4229	-0.0523
49	50	HDR UNBIAS	0.4593	-0.3276	-0.7869
50	50	HDR UNBIAS	-0.2418	-0.1706	0.0712
51	100	HDR BIAS	-0.3643	-0.3327	0.0316
52	100	HDR BIAS	0.0597	-0.4993	-0.559
53	100	HDR BIAS	-0.4228	-0.4796	-0.0568
54	100	HDR BIAS	-0.4112	-0.2859	0.1253
55	100	HDR BIAS	0.0941	-0.2995	-0.3936
56	100	HDR UNBIAS	-0.5539	-0.2455	0.3084
57	100	HDR UNBIAS	-0.458	-0.398	0.06
58	100	HDR UNBIAS	-0.2899	-0.3432	-0.0533
59	100	HDR UNBIAS	-0.6537	-0.0645	0.5892
60	100	HDR UNBIAS	-0.4611	-0.342	0.1191
71	0	CORRELATION	-0.4883	-0.1872	0.3011
72	0	CORRELATION	-0.408	-0.027	0.381
73	0	CORRELATION	0.2657	-0.3762	-0.6419

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	-0.4883	-0.2102	0.2657	0.41409	-0.3762	-0.1968	-0.027	0.1748	-0.6419	0.0134	0.381	0.56891
3	-0.6412	-0.14922	0.6309	0.43086	-0.5483	-0.37096	-0.0707	0.15293	-1.1677	-0.22174	0.2708	0.46616
10	-0.6631	-0.34102	0.4874	0.34159	-0.5086	-0.41856	-0.2986	0.070041	-0.996	-0.07754	0.3645	0.38883
30	-0.5351	-0.15981	0.5342	0.39647	-0.507	-0.39056	-0.2923	0.067106	-0.8962	-0.23075	0.1772	0.40169
50	-0.532	-0.17312	0.5716	0.38982	-0.5461	-0.31371	0.0354	0.17031	-0.7869	-0.14059	0.3053	0.39502
100	-0.6537	-0.34611	0.0941	0.24395	-0.4993	-0.32902	-0.0645	0.12315	-0.559	0.01709	0.5892	0.32443

Device Test: 19.13 LEVEL|TRANSCONDUCTANCE//14/14/0/0/5/500kHz//@EA_GM





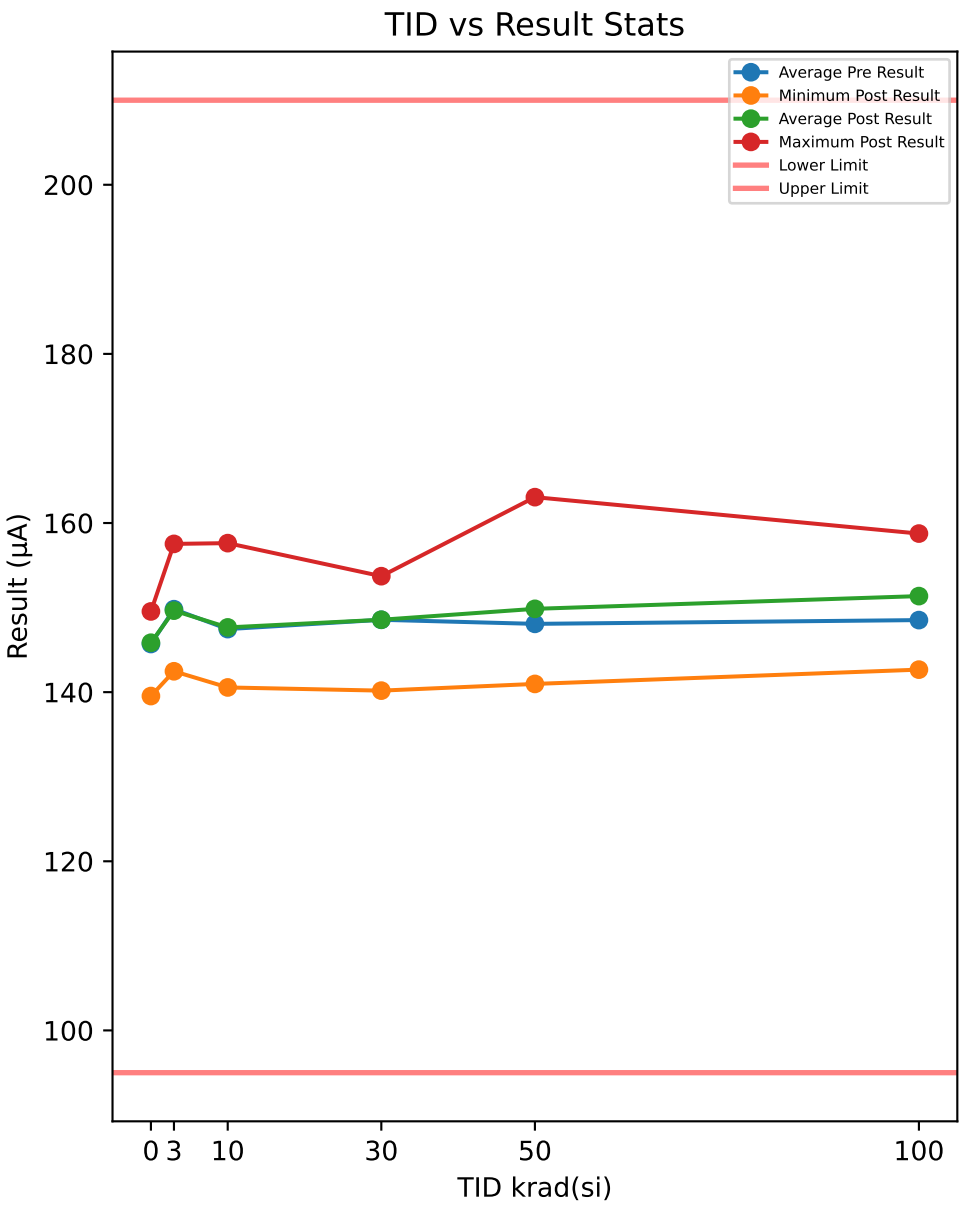
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

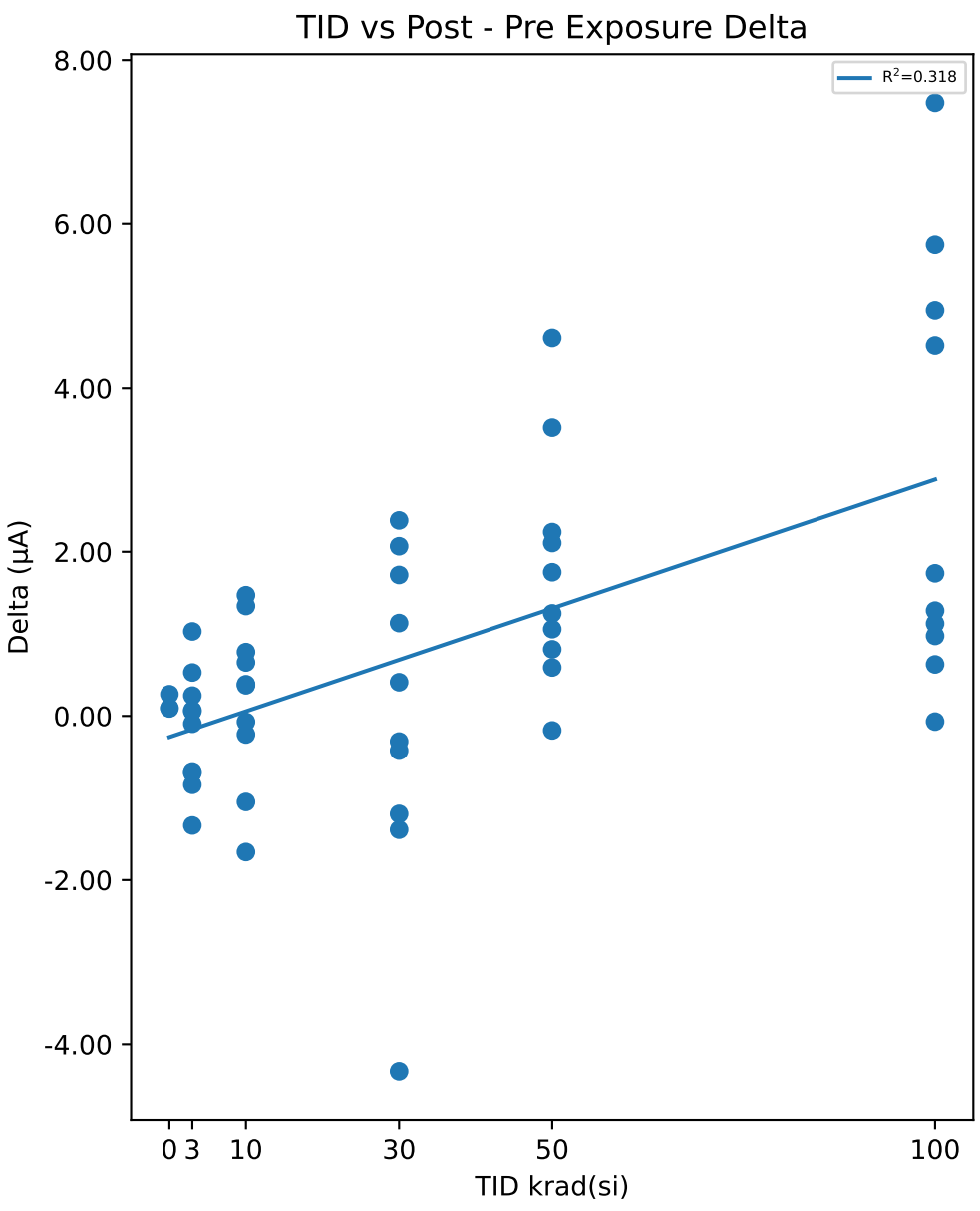
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1840.3	1798.8	-41.455
2	3	HDR BIAS	1721.6	1722	0.3976
3	3	HDR BIAS	1819.4	1798.1	-21.342
4	3	HDR BIAS	1740.3	1798.8	58.551
5	3	HDR BIAS	1799	1759.9	-39.13
6	3	HDR UNBIAS	1929	1905.1	-23.92
7	3	HDR UNBIAS	1798.9	1819.3	20.326
8	3	HDR UNBIAS	1883.7	1819.9	-63.782
9	3	HDR UNBIAS	1779	1778.1	-0.8767
10	3	HDR UNBIAS	1883.6	1819.3	-64.328
11	10	HDR BIAS	1799	1799.4	0.4342
12	10	HDR BIAS	1840.3	1860.8	20.473
13	10	HDR BIAS	1819.4	1798.8	-20.56
14	10	HDR BIAS	1721.6	1759.9	38.259
15	10	HDR BIAS	1721.6	1758.6	36.975
16	10	HDR UNBIAS	1721.6	1703.1	-18.429
17	10	HDR UNBIAS	1759.5	1779.4	19.968
18	10	HDR UNBIAS	1819.4	1818.5	-0.9072
19	10	HDR UNBIAS	1929	1861.6	-67.421
20	10	HDR UNBIAS	1740.3	1740.8	0.4153
31	30	HDR BIAS	1798.9	1798.8	-0.0868
32	30	HDR BIAS	1819.5	1840.8	21.331
33	30	HDR BIAS	1759.4	1882.7	123.26
34	30	HDR BIAS	1798.9	1798.8	-0.1061
35	30	HDR BIAS	1819.4	1862.2	42.763
36	30	HDR UNBIAS	1759.4	1818.5	59.081
37	30	HDR UNBIAS	1721.6	1703.1	-18.42
38	30	HDR UNBIAS	1799	1779.4	-19.577
39	30	HDR UNBIAS	1840.3	1818.5	-21.813
40	30	HDR UNBIAS	1703.2	1703.1	-0.0951
41	50	HDR BIAS	1740.4	1722	-18.319
42	50	HDR BIAS	1819.4	1882.7	63.272
43	50	HDR BIAS	1778.9	1778.8	-0.1038
44	50	HDR BIAS	1819.4	1819.9	0.4342
45	50	HDR BIAS	1759.4	1739.4	-19.984
46	50	HDR UNBIAS	1819.4	1778.8	-40.528
47	50	HDR UNBIAS	1799	1779.5	-19.568
48	50	HDR UNBIAS	1703.3	1702.4	-0.8469
49	50	HDR UNBIAS	1929	1952.4	23.413
50	50	HDR UNBIAS	1799	1819.9	20.881
51	100	HDR BIAS	1840.3	1818.5	-21.813
52	100	HDR BIAS	1819.4	1883.5	64.094
53	100	HDR BIAS	1740.3	1759.9	19.543
54	100	HDR BIAS	1840.3	1860.8	20.473
55	100	HDR BIAS	1778.9	1798.8	19.884
56	100	HDR UNBIAS	1685.4	1722	36.649
57	100	HDR UNBIAS	1819.4	1860.8	41.408
58	100	HDR UNBIAS	1740.3	1740.2	-0.1083
59	100	HDR UNBIAS	1840.4	1779.4	-60.93
60	100	HDR UNBIAS	1799	1839.4	40.433
71	0	CORRELATION	1779	1819.3	40.241
72	0	CORRELATION	1685.3	1703.7	18.373
73	0	CORRELATION	1798.9	1798.1	-0.858

Test Statistics (µA/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	1685.3	1754.4	1798.9	60.653	1703.7	1773.7	1819.3	61.51	-0.858	19.252	40.241	20.564
3	1721.6	1819.5	1929	65.82	1722	1801.9	1905.1	47.516	-64.328	-17.556	58.551	38.36
10	1721.6	1787.2	1929	67.506	1703.1	1788.1	1861.6	50.611	-67.421	0.92066	38.259	31.534
30	1703.2	1782	1840.3	44.655	1703.1	1800.6	1882.7	59.856	-21.813	18.634	123.26	45.575
50	1703.3	1796.7	1929	60.237	1702.4	1797.6	1952.4	75.55	-40.528	0.86504	63.272	29.328
100	1685.4	1790.4	1840.4	53.138	1722	1806.3	1883.5	55.323	-60.93	15.963	64.094	35.958

Device Test: 19.14 CURRENT|EA_SOURCE//14/14/0/0/5/500kHz//@EA_I_SOURCE





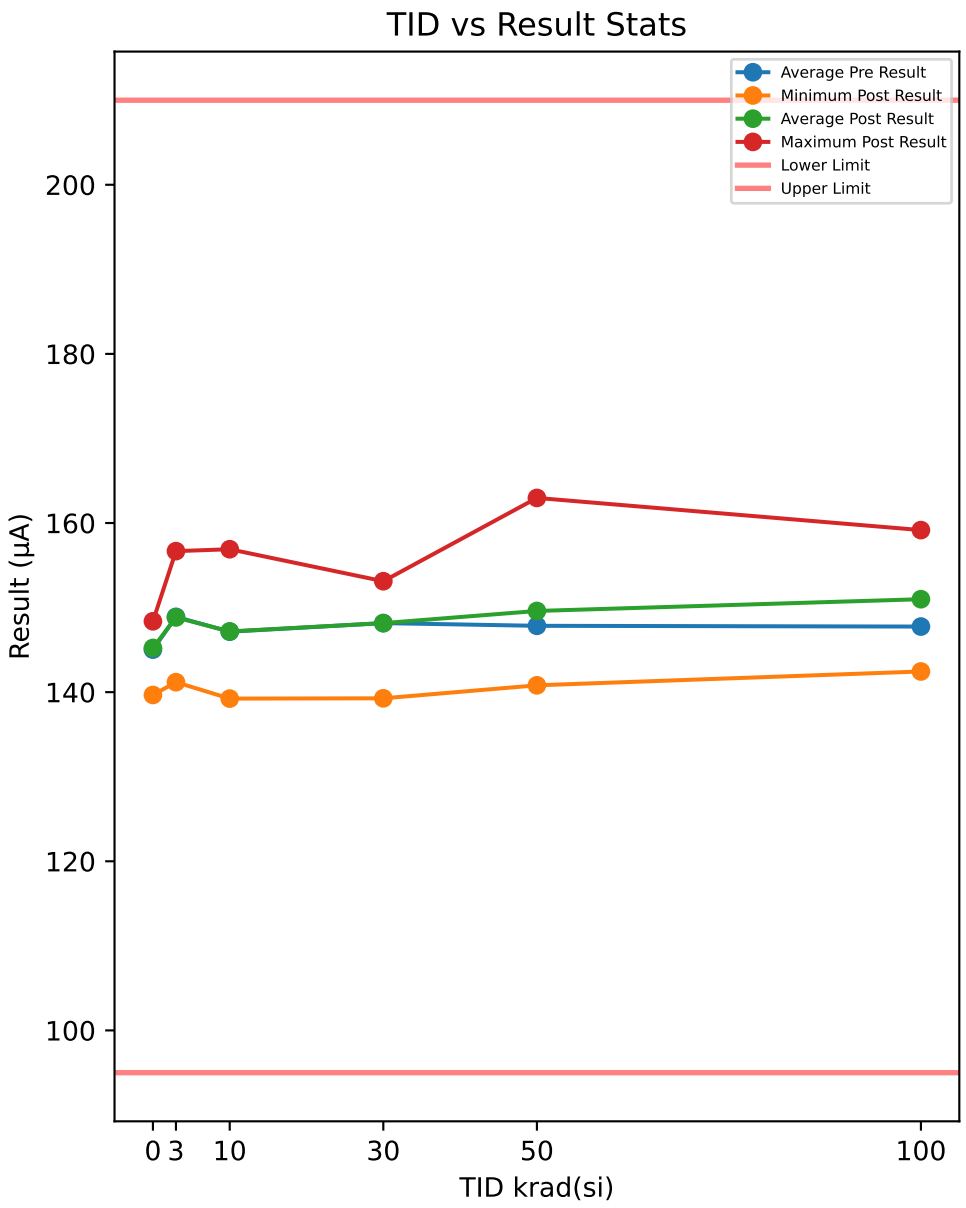
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	151.65	150.96	-0.689
2	3	HDR BIAS	142.4	142.47	0.0688
3	3	HDR BIAS	147.45	147.51	0.0565
4	3	HDR BIAS	149.86	150.11	0.2479
5	3	HDR BIAS	147.84	146.5	-1.3352
6	3	HDR UNBIAS	158.23	157.53	-0.6949
7	3	HDR UNBIAS	150.65	150.55	-0.0952
8	3	HDR UNBIAS	150.32	150.85	0.5295
9	3	HDR UNBIAS	146.07	147.1	1.0302
10	3	HDR UNBIAS	153.65	152.81	-0.8396
11	10	HDR BIAS	147.05	148.39	1.3403
12	10	HDR BIAS	151.28	152.76	1.4714
13	10	HDR BIAS	148.36	149.01	0.6516
14	10	HDR BIAS	143.4	143.79	0.3863
15	10	HDR BIAS	143.93	144.71	0.7783
16	10	HDR UNBIAS	140.18	140.56	0.3735
17	10	HDR UNBIAS	149.12	148.07	-1.0485
18	10	HDR UNBIAS	149.27	149.05	-0.2259
19	10	HDR UNBIAS	157.69	157.62	-0.0721
20	10	HDR UNBIAS	144.25	142.59	-1.659
31	30	HDR BIAS	149.68	148.29	-1.3868
32	30	HDR BIAS	153.3	153.71	0.4109
33	30	HDR BIAS	148.39	150.46	2.0676
34	30	HDR BIAS	147.7	149.42	1.718
35	30	HDR BIAS	154.03	153.71	-0.3118
36	30	HDR UNBIAS	148.46	150.84	2.3819
37	30	HDR UNBIAS	141.59	142.73	1.1323
38	30	HDR UNBIAS	147.27	146.85	-0.4231
39	30	HDR UNBIAS	153.77	149.43	-4.3408
40	30	HDR UNBIAS	141.37	140.18	-1.194
41	50	HDR BIAS	141.27	143.51	2.2395
42	50	HDR BIAS	152.92	153.73	0.8119
43	50	HDR BIAS	145.04	144.86	-0.1763
44	50	HDR BIAS	148.78	150.03	1.2501
45	50	HDR BIAS	146.6	147.19	0.5905
46	50	HDR UNBIAS	148.23	152.85	4.611
47	50	HDR UNBIAS	147.49	148.55	1.0579
48	50	HDR UNBIAS	139.22	140.97	1.7512
49	50	HDR UNBIAS	160.95	163.06	2.107
50	50	HDR UNBIAS	150.25	153.78	3.5216
51	100	HDR BIAS	151.44	152.57	1.1258
52	100	HDR BIAS	151.27	158.75	7.4808
53	100	HDR BIAS	142.27	144.01	1.738
54	100	HDR BIAS	152.29	158.03	5.7449
55	100	HDR BIAS	150.74	151.37	0.6279
56	100	HDR UNBIAS	140.33	145.27	4.9461
57	100	HDR UNBIAS	154.24	155.52	1.2836
58	100	HDR UNBIAS	141.69	142.66	0.9755
59	100	HDR UNBIAS	150.41	150.34	-0.0688
60	100	HDR UNBIAS	150.53	155.05	4.519
71	0	CORRELATION	149.28	149.55	0.2648
72	0	CORRELATION	139.44	139.54	0.0973
73	0	CORRELATION	148.36	148.45	0.0915

Test Statistics (µA)

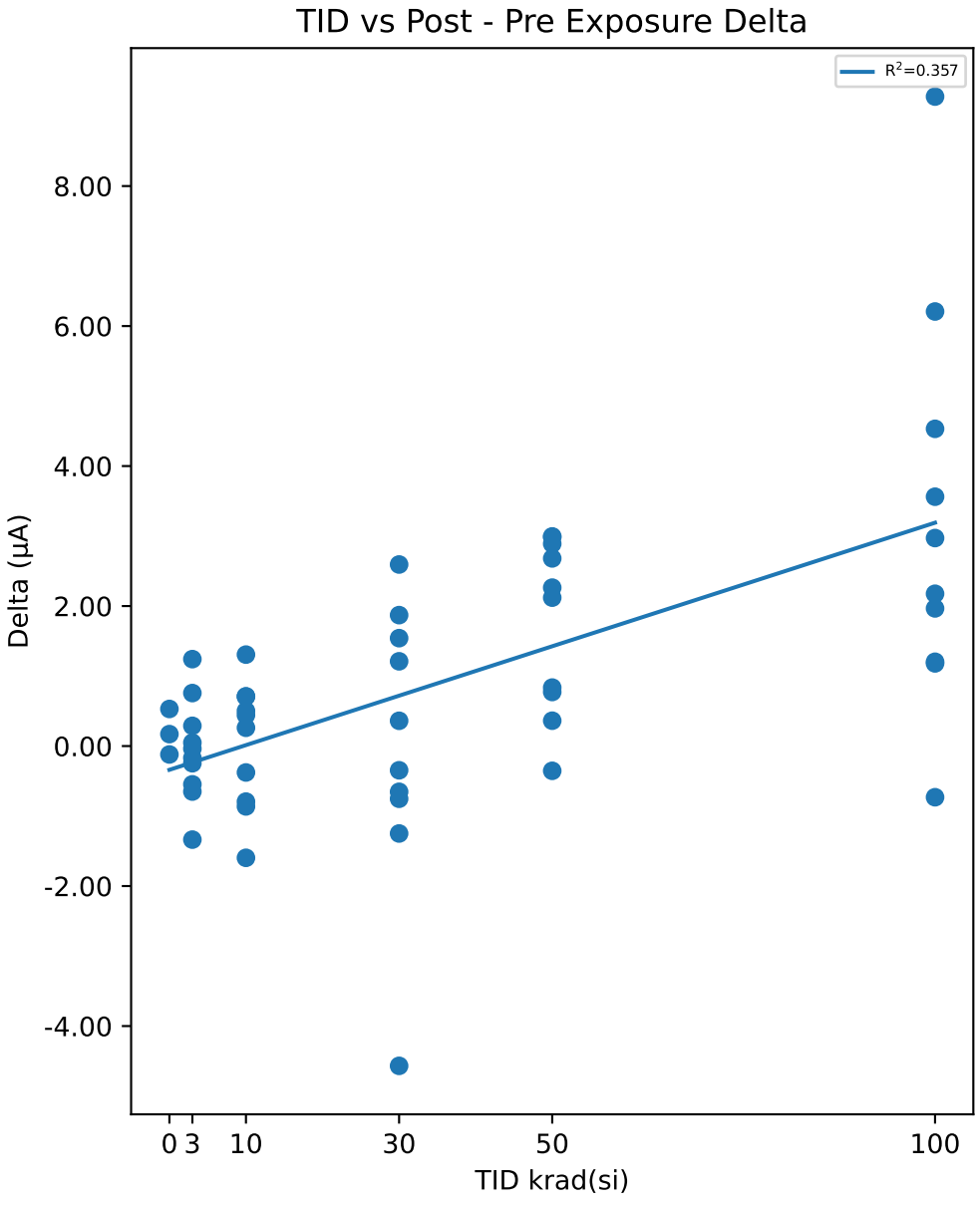
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.44	145.69	149.28	5.4342	139.54	145.84	149.55	5.4887	0.0915	0.1512	0.2648	0.098423
3	142.4	149.81	158.23	4.3246	142.47	149.64	157.53	4.0673	-1.3352	-0.1721	1.0302	0.71253
10	140.18	147.46	157.69	4.9273	140.56	147.66	157.62	5.0491	-1.659	0.19959	1.4714	0.98826
30	141.37	148.56	154.03	4.5132	140.18	148.56	153.71	4.3549	-4.3408	0.00542	2.3819	2.0226
50	139.22	148.08	160.95	6.0643	140.97	149.85	163.06	6.3823	-0.1763	1.7764	4.611	1.4278
100	140.33	148.52	154.24	5.0377	142.66	151.36	158.75	5.7671	-0.0688	2.8373	7.4808	2.5956

Device Test: 19.15 CURRENT|EA_SINK//14/14/0/0/5/500kHz//@EA_I_SINK



Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

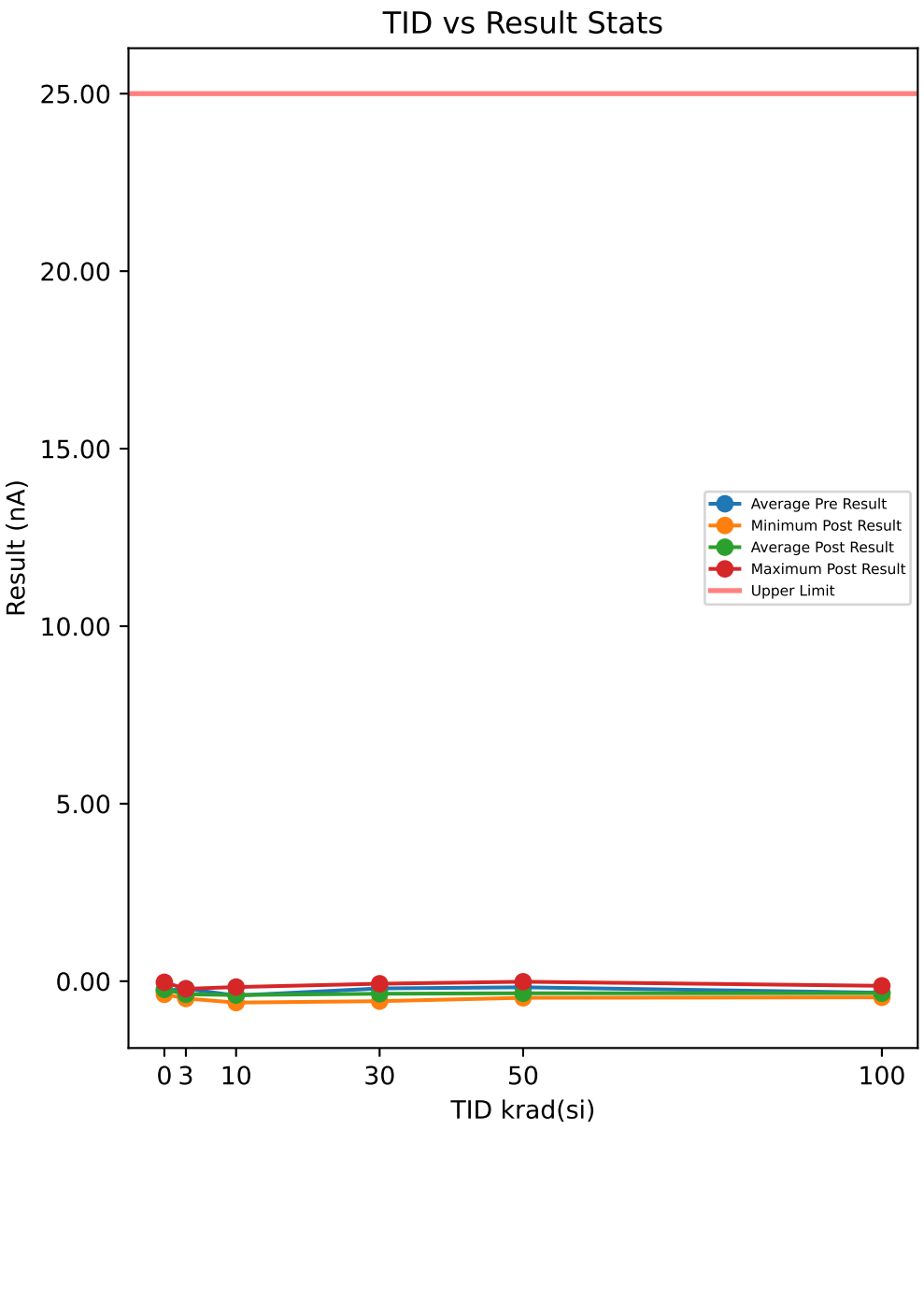
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	150.73	150.08	-0.6501
2	3	HDR BIAS	140.42	141.18	0.7572
3	3	HDR BIAS	146.51	146.56	0.0483
4	3	HDR BIAS	149.51	149.26	-0.2455
5	3	HDR BIAS	147.11	145.78	-1.3367
6	3	HDR UNBIAS	156.84	156.68	-0.169
7	3	HDR UNBIAS	149.6	149.89	0.289
8	3	HDR UNBIAS	150.16	150.12	-0.0376
9	3	HDR UNBIAS	144.75	145.99	1.2419
10	3	HDR UNBIAS	153.39	152.85	-0.5471
11	10	HDR BIAS	146.89	147.6	0.7103
12	10	HDR BIAS	151.76	153.06	1.3065
13	10	HDR BIAS	147.66	148.16	0.5026
14	10	HDR BIAS	143.63	143.89	0.2612
15	10	HDR BIAS	142.93	143.64	0.7073
16	10	HDR UNBIAS	138.8	139.24	0.4423
17	10	HDR UNBIAS	150.16	149.37	-0.7936
18	10	HDR UNBIAS	148.55	147.69	-0.8623
19	10	HDR UNBIAS	157.28	156.9	-0.3774
20	10	HDR UNBIAS	143.85	142.25	-1.5967
31	30	HDR BIAS	149.7	149.04	-0.6535
32	30	HDR BIAS	152.8	152.46	-0.3461
33	30	HDR BIAS	147.23	149.83	2.5936
34	30	HDR BIAS	148.23	149.77	1.5416
35	30	HDR BIAS	153.87	153.12	-0.7529
36	30	HDR UNBIAS	146.16	148.03	1.8706
37	30	HDR UNBIAS	143.15	144.36	1.2108
38	30	HDR UNBIAS	145.79	146.16	0.361
39	30	HDR UNBIAS	154.17	149.61	-4.5685
40	30	HDR UNBIAS	140.52	139.27	-1.2491
41	50	HDR BIAS	140.77	143.76	2.9945
42	50	HDR BIAS	152.6	153.38	0.7725
43	50	HDR BIAS	145.25	144.9	-0.3537
44	50	HDR BIAS	150.66	152.93	2.2631
45	50	HDR BIAS	145.88	146.24	0.3623
46	50	HDR UNBIAS	147.32	150.21	2.89
47	50	HDR UNBIAS	146.55	147.38	0.8354
48	50	HDR UNBIAS	138.69	140.81	2.1202
49	50	HDR UNBIAS	160.29	162.97	2.6808
50	50	HDR UNBIAS	150.45	153.43	2.9869
51	100	HDR BIAS	152.29	153.47	1.1809
52	100	HDR BIAS	149.89	159.16	9.2782
53	100	HDR BIAS	140.96	144.52	3.562
54	100	HDR BIAS	151.82	158.03	6.2081
55	100	HDR BIAS	150.79	152	1.2043
56	100	HDR UNBIAS	138.32	142.85	4.5318
57	100	HDR UNBIAS	152.95	154.92	1.9666
58	100	HDR UNBIAS	140.27	142.45	2.1757
59	100	HDR UNBIAS	149.97	149.24	-0.7311
60	100	HDR UNBIAS	150.31	153.28	2.9715
71	0	CORRELATION	147.46	147.63	0.1706
72	0	CORRELATION	139.79	139.67	-0.1202
73	0	CORRELATION	147.85	148.38	0.5301

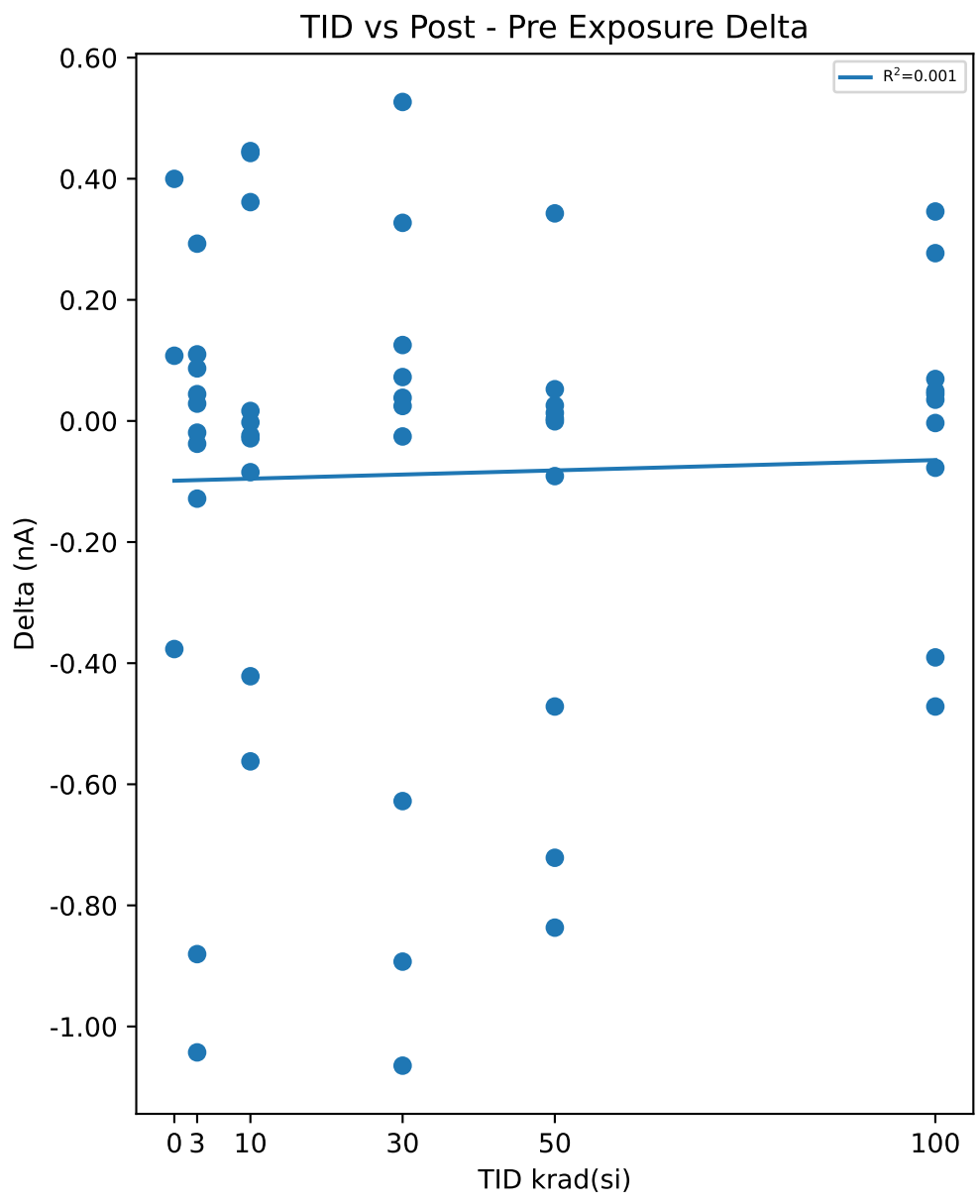


Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.79	145.03	147.85	4.5467	139.67	145.23	148.38	4.8287	-0.1202	0.1935	0.5301	0.32575
3	140.42	148.9	156.84	4.5599	141.18	148.84	156.68	4.2599	-1.3367	-0.06496	1.2419	0.72712
10	138.8	147.15	157.28	5.2291	139.24	147.18	156.9	5.2288	-1.5967	0.03002	1.3065	0.89966
30	140.52	148.16	154.17	4.5532	139.27	148.16	153.12	4.0651	-4.5685	0.00075	2.5936	2.0479
50	138.69	147.85	160.29	6.134	140.81	149.6	162.97	6.4009	-0.3537	1.7552	2.9945	1.2377
100	138.32	147.76	152.95	5.584	142.45	150.99	159.16	6.0407	-0.7311	3.2348	9.2782	2.8679

Device Test: 19.16 CURRENT|EA//14/14/0/0/5/500kHz//@EA_IB





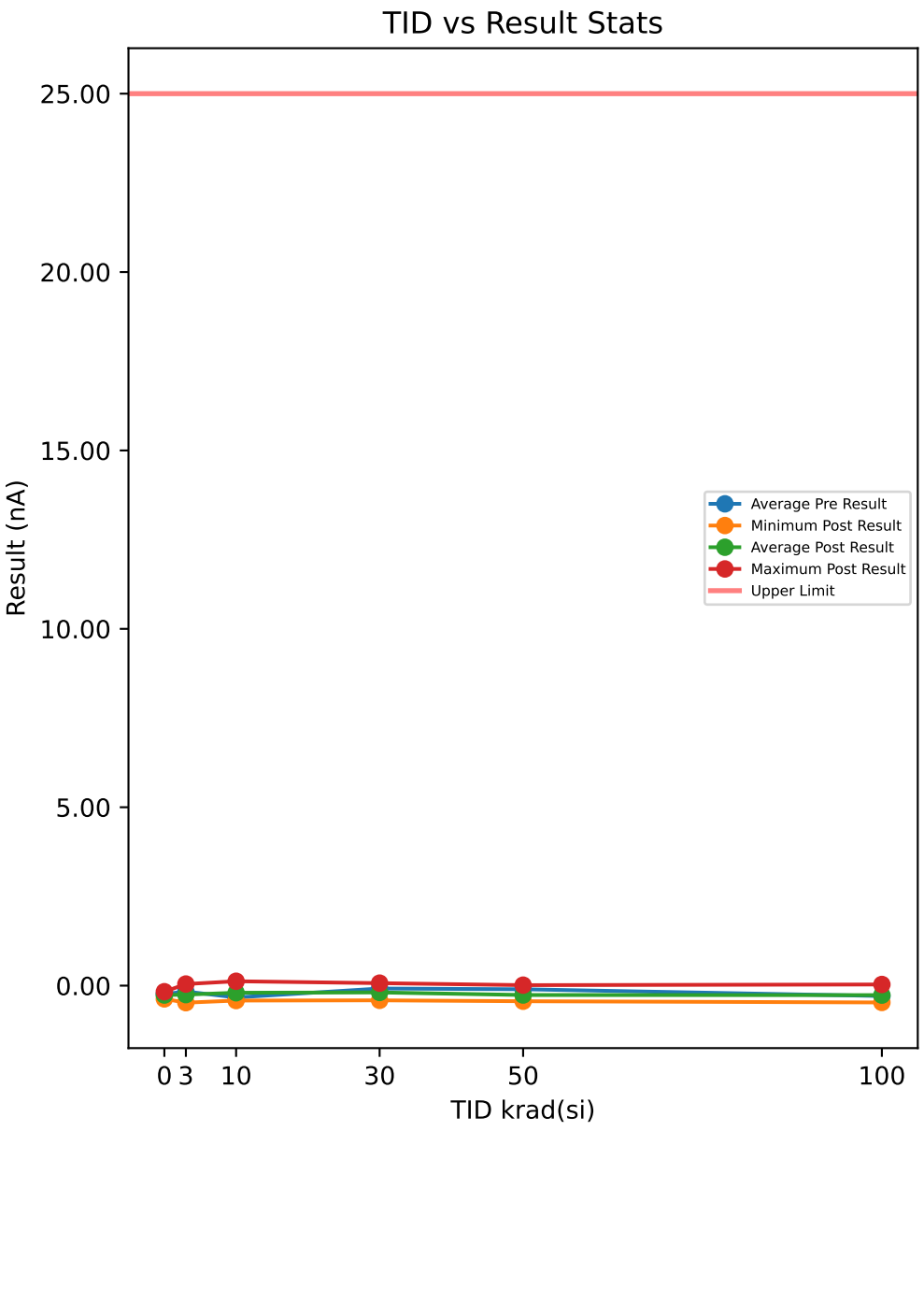
Test Results (Upper Limit = 25.0 (nA))

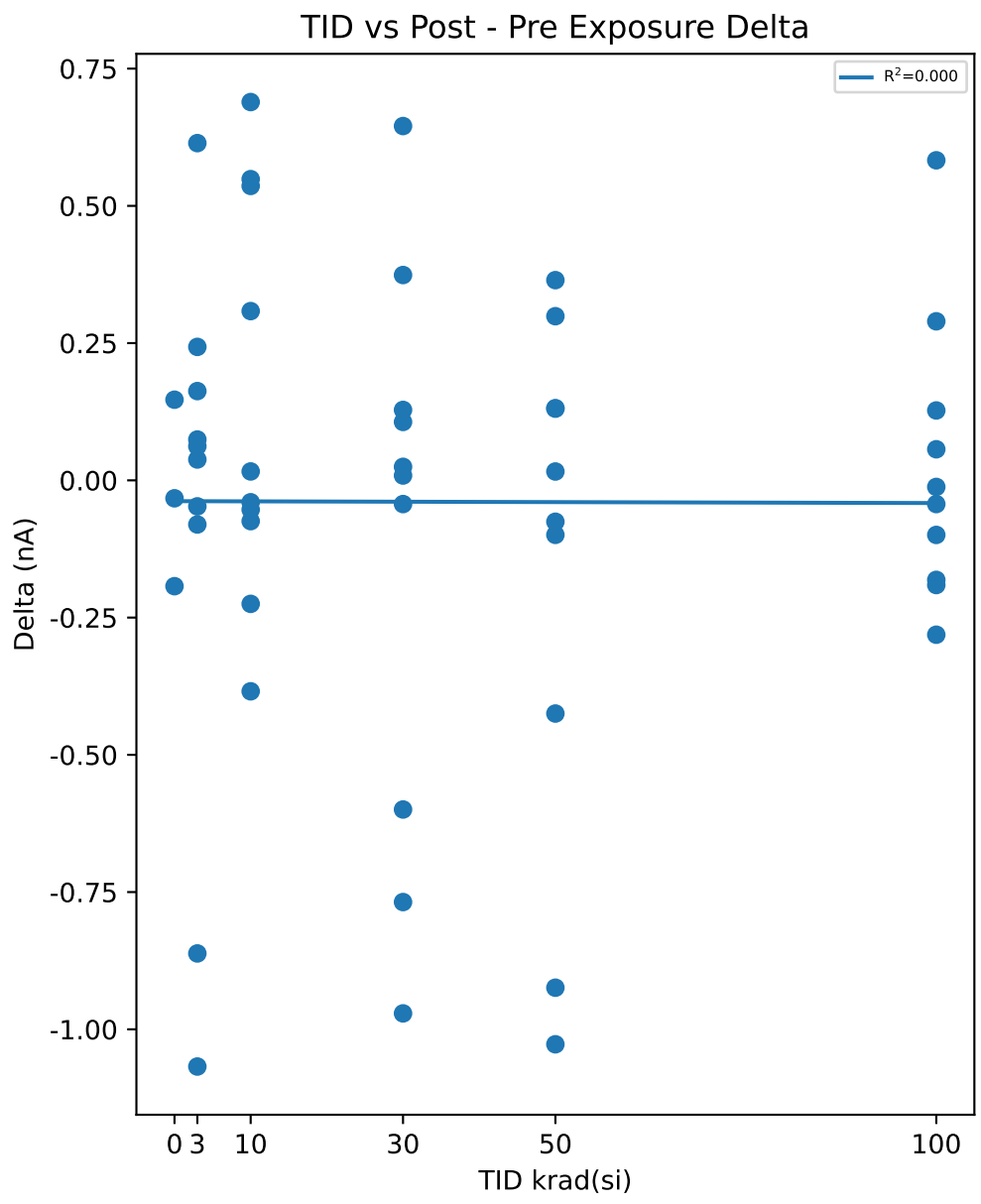
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.556	-0.4868	-1.0428
2	3	HDR BIAS	-0.4509	-0.4702	-0.0193
3	3	HDR BIAS	-0.5267	-0.4167	0.11
4	3	HDR BIAS	0.4936	-0.3869	-0.8805
5	3	HDR BIAS	-0.3323	-0.2455	0.0868
6	3	HDR UNBIAS	-0.4237	-0.3794	0.0443
7	3	HDR UNBIAS	-0.2493	-0.3776	-0.1283
8	3	HDR UNBIAS	-0.5071	-0.2143	0.2928
9	3	HDR UNBIAS	-0.3893	-0.3607	0.0286
10	3	HDR UNBIAS	-0.3055	-0.3432	-0.0377
11	10	HDR BIAS	-0.66	-0.2143	0.4457
12	10	HDR BIAS	-0.5111	-0.4946	0.0165
13	10	HDR BIAS	-0.1557	-0.5773	-0.4216
14	10	HDR BIAS	-0.5726	-0.6013	-0.0287
15	10	HDR BIAS	-0.4798	-0.4821	-0.0023
16	10	HDR UNBIAS	-0.2118	-0.2964	-0.0846
17	10	HDR UNBIAS	-0.6381	-0.2767	0.3614
18	10	HDR UNBIAS	-0.4674	-0.4914	-0.024
19	10	HDR UNBIAS	0.2689	-0.2933	-0.5622
20	10	HDR UNBIAS	-0.6069	-0.1644	0.4425
31	30	HDR BIAS	-0.3086	-0.2839	0.0247
32	30	HDR BIAS	-0.7317	-0.2049	0.5268
33	30	HDR BIAS	-0.4986	-0.4603	0.0383
34	30	HDR BIAS	0.3843	-0.5086	-0.8929
35	30	HDR BIAS	-0.4384	-0.464	-0.0256
36	30	HDR UNBIAS	-0.4923	-0.3669	0.1254
37	30	HDR UNBIAS	0.4156	-0.2122	-0.6278
38	30	HDR UNBIAS	-0.3979	-0.0707	0.3272
39	30	HDR UNBIAS	-0.4705	-0.398	0.0725
40	30	HDR UNBIAS	0.503	-0.5617	-1.0647
41	50	HDR BIAS	-0.376	-0.4671	-0.0911
42	50	HDR BIAS	-0.4237	-0.4105	0.0132
43	50	HDR BIAS	0.0067	-0.4649	-0.4716
44	50	HDR BIAS	-0.454	-0.4016	0.0524
45	50	HDR BIAS	-0.4205	-0.4167	0.0038
46	50	HDR UNBIAS	0.4686	-0.3682	-0.8368
47	50	HDR UNBIAS	-0.3323	-0.3329	-0.0006
48	50	HDR UNBIAS	-0.4143	-0.3887	0.0256
49	50	HDR UNBIAS	0.5935	-0.1279	-0.7214
50	50	HDR UNBIAS	-0.3573	-0.0145	0.3428
51	100	HDR BIAS	-0.4518	-0.3825	0.0693
52	100	HDR BIAS	0.1658	-0.3058	-0.4716
53	100	HDR BIAS	-0.3355	-0.2861	0.0494
54	100	HDR BIAS	-0.4268	-0.3825	0.0443
55	100	HDR BIAS	0.0878	-0.3027	-0.3905
56	100	HDR UNBIAS	-0.4759	-0.13	0.3459
57	100	HDR UNBIAS	-0.3768	-0.4541	-0.0773
58	100	HDR UNBIAS	-0.3492	-0.3526	-0.0034
59	100	HDR UNBIAS	-0.6194	-0.3423	0.2771
60	100	HDR UNBIAS	-0.458	-0.4229	0.0351
71	0	CORRELATION	-0.401	-0.2933	0.1077
72	0	CORRELATION	-0.4299	-0.0301	0.3998
73	0	CORRELATION	0.0067	-0.37	-0.3767

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	-0.4299	-0.27473	0.0067	0.24416	-0.37	-0.23113	-0.0301	0.17827	-0.3767	0.0436	0.3998	0.3922
3	-0.5267	-0.21352	0.556	0.39885	-0.4868	-0.36813	-0.2143	0.086157	-1.0428	-0.15461	0.2928	0.44097
10	-0.66	-0.40345	0.2689	0.29108	-0.6013	-0.38918	-0.1644	0.15711	-0.5622	0.01427	0.4457	0.33759
30	-0.7317	-0.20351	0.503	0.45372	-0.5617	-0.35312	-0.0707	0.15636	-1.0647	-0.14961	0.5268	0.52804
50	-0.454	-0.17093	0.5935	0.39346	-0.4671	-0.3393	-0.0145	0.14928	-0.8368	-0.16837	0.3428	0.37844
100	-0.6194	-0.32398	0.1658	0.25127	-0.4541	-0.33615	-0.13	0.090115	-0.4716	-0.01217	0.3459	0.25523

Device Test: 19.17 CURRENT|EA//4.5/4.5/0/0/4.5/100kHz//@EA_IB





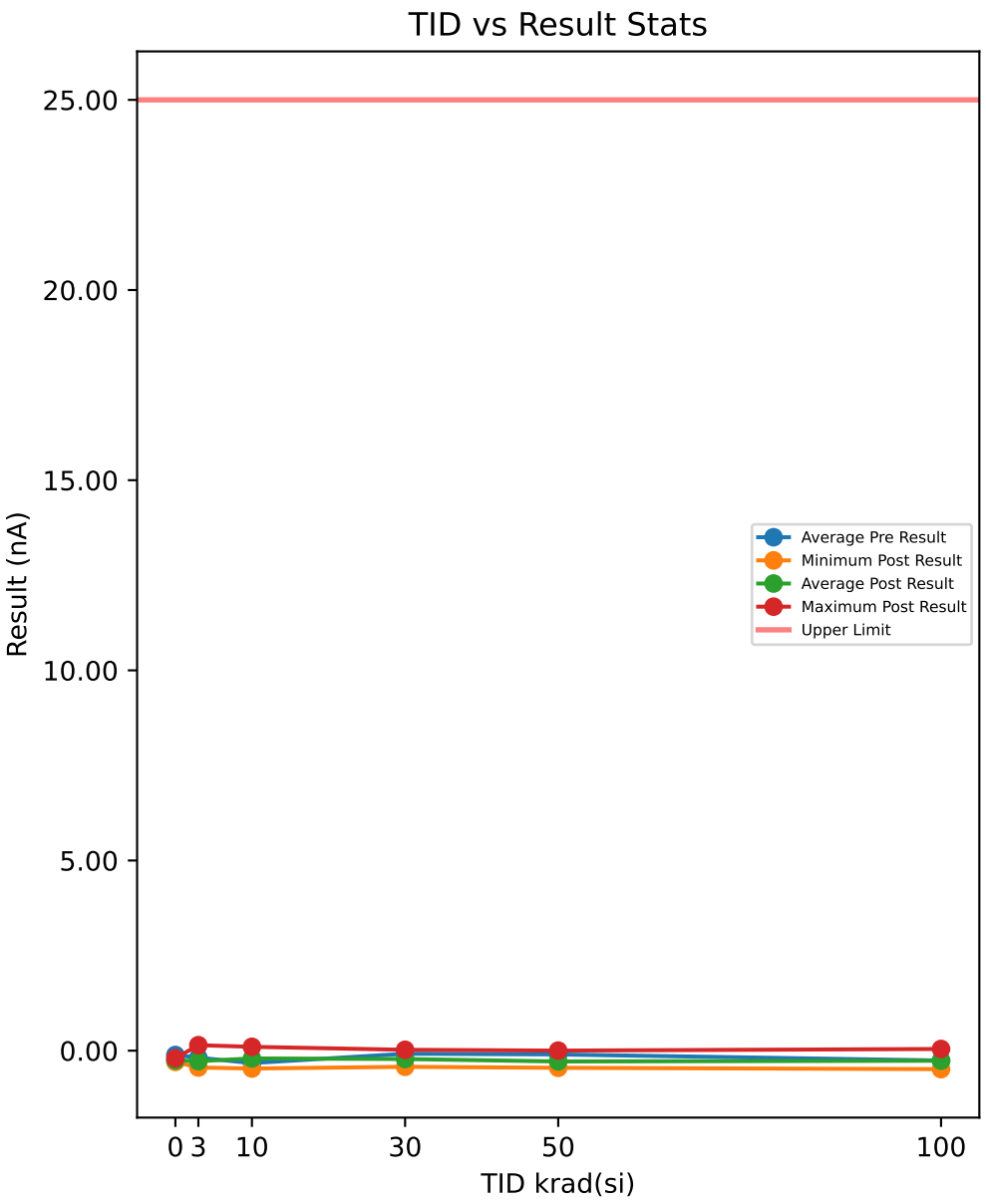
Test Results (Upper Limit = 25.0 (nA))

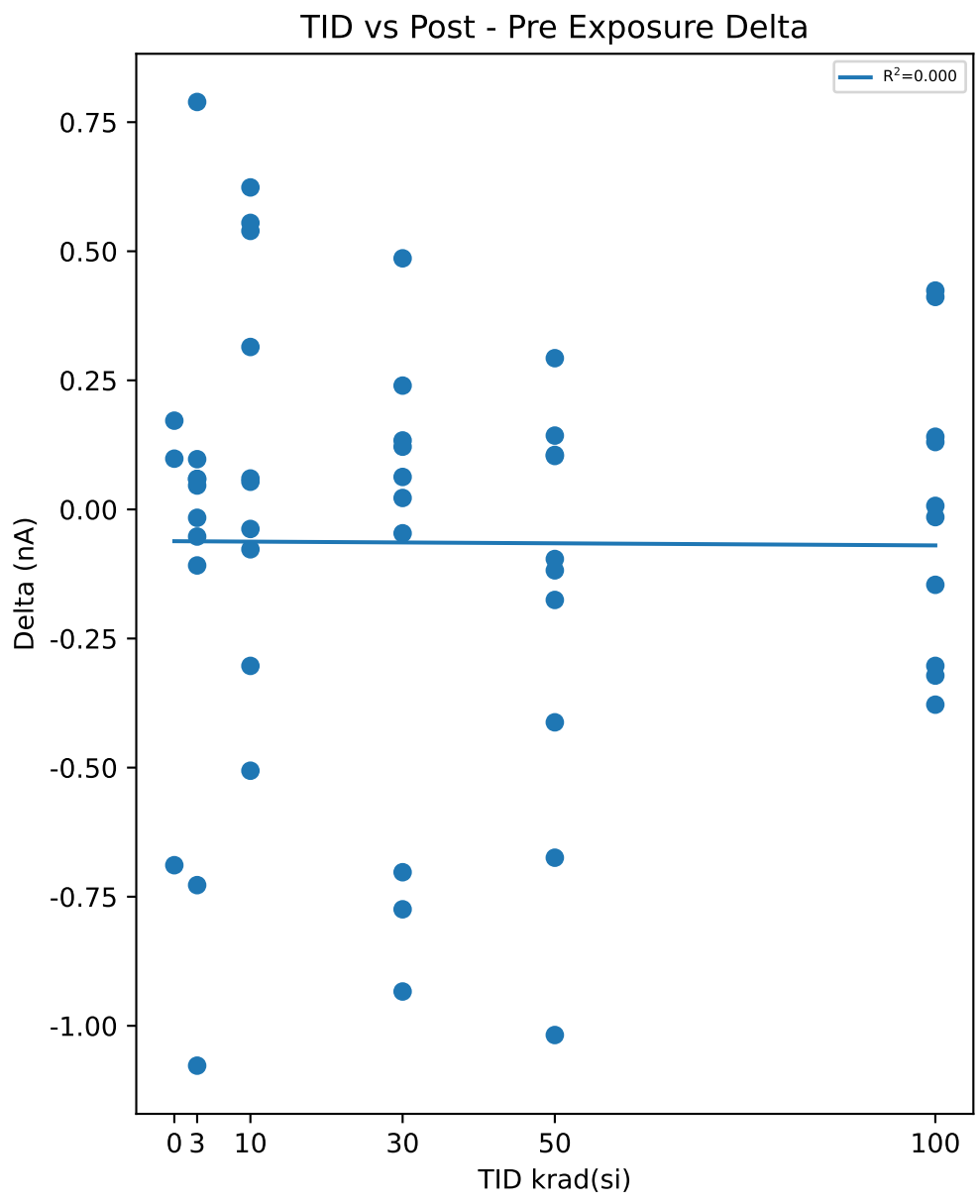
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.581	-0.2808	-0.8618
2	3	HDR BIAS	-0.2325	-0.1581	0.0744
3	3	HDR BIAS	-0.3612	-0.4416	-0.0804
4	3	HDR BIAS	0.5904	-0.4774	-1.0678
5	3	HDR BIAS	-0.3261	-0.3735	-0.0474
6	3	HDR UNBIAS	-0.4112	-0.2486	0.1626
7	3	HDR UNBIAS	-0.2243	-0.1622	0.0621
8	3	HDR UNBIAS	-0.5695	0.0448	0.6143
9	3	HDR UNBIAS	-0.3862	-0.3482	0.038
10	3	HDR UNBIAS	-0.3117	-0.0686	0.2431
11	10	HDR BIAS	-0.6381	0.051	0.6891
12	10	HDR BIAS	-0.3987	-0.3825	0.0162
13	10	HDR BIAS	-0.1931	-0.4181	-0.225
14	10	HDR BIAS	-0.6537	-0.3454	0.3083
15	10	HDR BIAS	-0.3706	-0.4105	-0.0399
16	10	HDR UNBIAS	-0.0714	-0.1248	-0.0534
17	10	HDR UNBIAS	-0.5039	0.0448	0.5487
18	10	HDR UNBIAS	-0.3144	-0.3887	-0.0743
19	10	HDR UNBIAS	0.2408	-0.1435	-0.3843
20	10	HDR UNBIAS	-0.4135	0.1228	0.5363
31	30	HDR BIAS	-0.1806	-0.156	0.0246
32	30	HDR BIAS	-0.6069	0.0385	0.6454
33	30	HDR BIAS	-0.4174	-0.2891	0.1283
34	30	HDR BIAS	0.5591	-0.4119	-0.971
35	30	HDR BIAS	-0.2543	-0.2455	0.0088
36	30	HDR UNBIAS	-0.3144	-0.3576	-0.0432
37	30	HDR UNBIAS	0.4998	-0.0998	-0.5996
38	30	HDR UNBIAS	-0.3043	0.0697	0.374
39	30	HDR UNBIAS	-0.3768	-0.2704	0.1064
40	30	HDR UNBIAS	0.5841	-0.1841	-0.7682
41	50	HDR BIAS	-0.2606	-0.13	0.1306
42	50	HDR BIAS	-0.355	-0.3389	0.0161
43	50	HDR BIAS	0.0941	-0.3307	-0.4248
44	50	HDR BIAS	-0.4571	-0.1581	0.299
45	50	HDR BIAS	-0.2738	-0.3731	-0.0993
46	50	HDR UNBIAS	0.5904	-0.4369	-1.0273
47	50	HDR UNBIAS	-0.3074	-0.3828	-0.0754
48	50	HDR UNBIAS	-0.4112	-0.2797	0.1315
49	50	HDR UNBIAS	0.7152	-0.209	-0.9242
50	50	HDR UNBIAS	-0.3511	0.0136	0.3647
51	100	HDR BIAS	-0.3737	-0.3171	0.0566
52	100	HDR BIAS	0.0347	-0.1466	-0.1813
53	100	HDR BIAS	-0.376	-0.0863	0.2897
54	100	HDR BIAS	-0.2613	-0.3607	-0.0994
55	100	HDR BIAS	-0.009	-0.1997	-0.1907
56	100	HDR UNBIAS	-0.5507	0.0323	0.583
57	100	HDR UNBIAS	-0.3487	-0.3607	-0.012
58	100	HDR UNBIAS	-0.19	-0.4712	-0.2812
59	100	HDR UNBIAS	-0.5289	-0.4016	0.1273
60	100	HDR UNBIAS	-0.3019	-0.3451	-0.0432
71	0	CORRELATION	-0.3386	-0.3713	-0.0327
72	0	CORRELATION	-0.3175	-0.1706	0.1469
73	0	CORRELATION	-0.0558	-0.2486	-0.1928

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	-0.3386	-0.2373	-0.0558	0.15754	-0.3713	-0.2635	-0.1706	0.10118	-0.1928	-0.0262	0.1469	0.16994
3	-0.5695	-0.16513	0.5904	0.40748	-0.4774	-0.25142	0.0448	0.16674	-1.0678	-0.08629	0.6143	0.50452
10	-0.6537	-0.33166	0.2408	0.26976	-0.4181	-0.19949	0.1228	0.21549	-0.3843	0.13217	0.6891	0.364
30	-0.6069	-0.08117	0.5841	0.44857	-0.4119	-0.19062	0.0697	0.15835	-0.971	-0.10945	0.6454	0.51202
50	-0.4571	-0.10165	0.7152	0.42561	-0.4369	-0.26256	0.0136	0.13962	-1.0273	-0.16091	0.3647	0.48346
100	-0.5507	-0.29055	0.0347	0.19386	-0.4712	-0.26567	0.0323	0.15889	-0.2812	0.02488	0.583	0.2576

Device Test: 19.18 CURRENT|EA//4.5/4.5/0/0/4.5/1MHz//@EA_IB





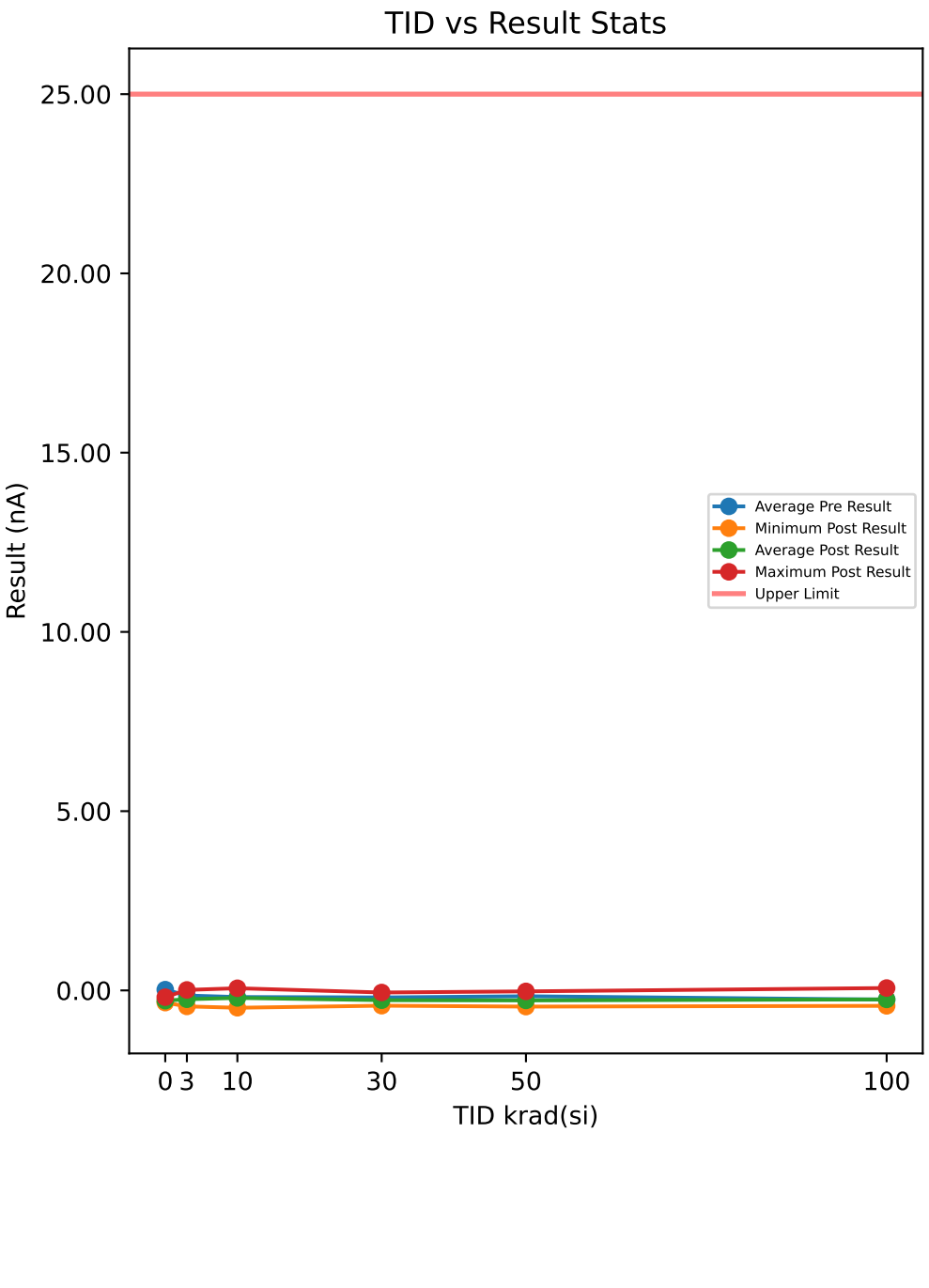
Test Results (Upper Limit = 25.0 (nA))

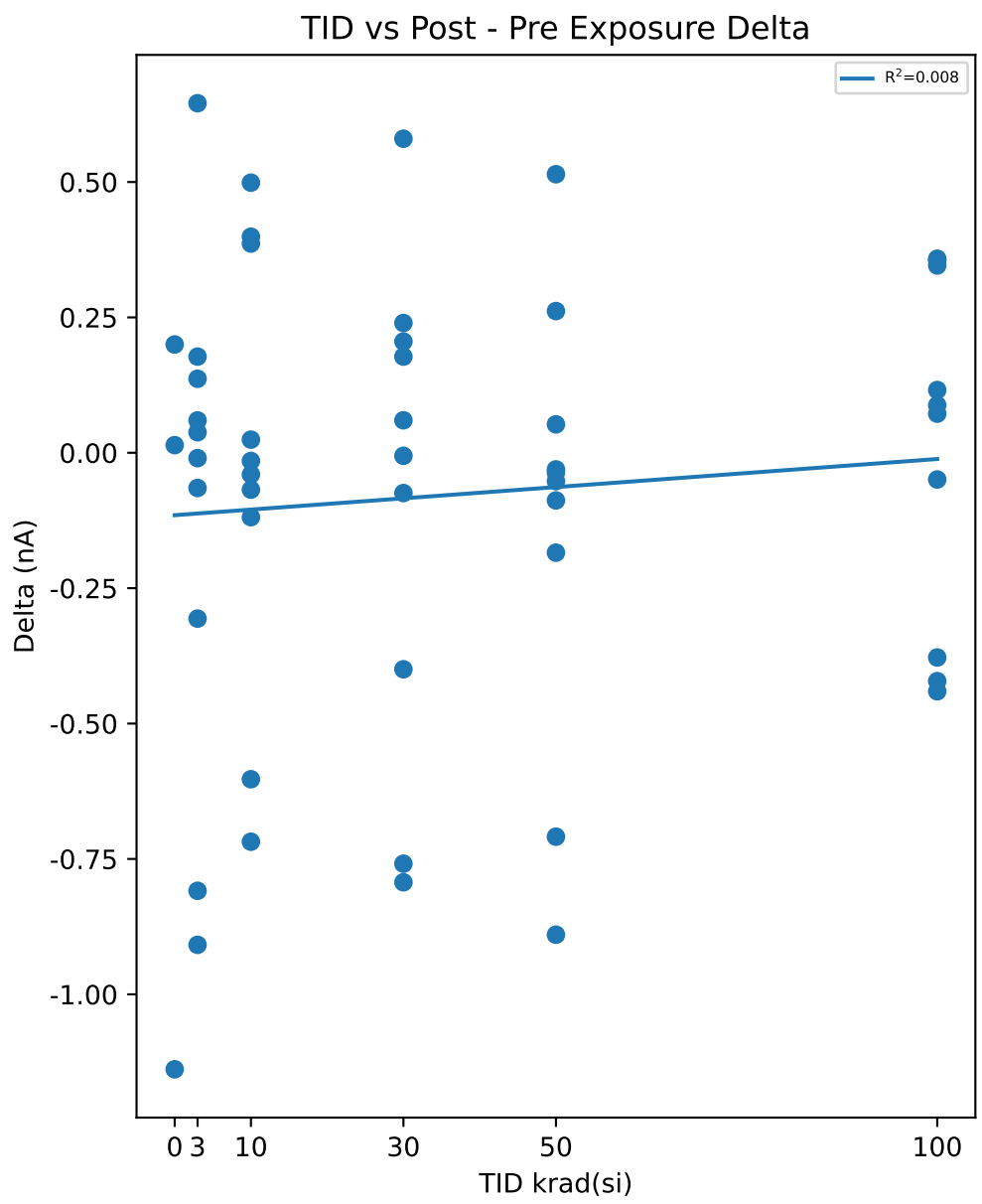
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.453	-0.2746	-0.7276
2	3	HDR BIAS	-0.2887	-0.2424	0.0463
3	3	HDR BIAS	-0.3019	-0.3544	-0.0525
4	3	HDR BIAS	0.6341	-0.4431	-1.0772
5	3	HDR BIAS	-0.3448	-0.361	-0.0162
6	3	HDR UNBIAS	-0.4486	-0.3513	0.0973
7	3	HDR UNBIAS	-0.3273	-0.2683	0.059
8	3	HDR UNBIAS	-0.6444	0.1447	0.7891
9	3	HDR UNBIAS	-0.3331	-0.4416	-0.1085
10	3	HDR UNBIAS	-0.2368	-0.1778	0.059
11	10	HDR BIAS	-0.5008	0.0541	0.5549
12	10	HDR BIAS	-0.4112	-0.3513	0.0599
13	10	HDR BIAS	-0.1557	-0.4587	-0.303
14	10	HDR BIAS	-0.5913	-0.2767	0.3146
15	10	HDR BIAS	-0.4112	-0.3576	0.0536
16	10	HDR UNBIAS	-0.1213	-0.1591	-0.0378
17	10	HDR UNBIAS	-0.5976	0.026	0.6236
18	10	HDR UNBIAS	-0.3924	-0.4696	-0.0772
19	10	HDR UNBIAS	0.3531	-0.1529	-0.506
20	10	HDR UNBIAS	-0.4384	0.101	0.5394
31	30	HDR BIAS	-0.3024	-0.1809	0.1215
32	30	HDR BIAS	-0.4759	0.0104	0.4863
33	30	HDR BIAS	-0.2957	-0.2735	0.0222
34	30	HDR BIAS	0.35	-0.4244	-0.7744
35	30	HDR BIAS	-0.4103	-0.2767	0.1336
36	30	HDR UNBIAS	-0.3987	-0.3358	0.0629
37	30	HDR UNBIAS	0.6122	-0.0904	-0.7026
38	30	HDR UNBIAS	-0.2169	0.0229	0.2398
39	30	HDR UNBIAS	-0.3425	-0.3887	-0.0462
40	30	HDR UNBIAS	0.6715	-0.2621	-0.9336
41	50	HDR BIAS	-0.3417	-0.2361	0.1056
42	50	HDR BIAS	-0.4268	-0.3233	0.1035
43	50	HDR BIAS	0.0566	-0.3557	-0.4123
44	50	HDR BIAS	-0.3573	-0.2143	0.143
45	50	HDR BIAS	-0.355	-0.451	-0.096
46	50	HDR UNBIAS	0.6185	-0.3994	-1.0179
47	50	HDR UNBIAS	-0.1607	-0.336	-0.1753
48	50	HDR UNBIAS	-0.2551	-0.3731	-0.118
49	50	HDR UNBIAS	0.5248	-0.1497	-0.6745
50	50	HDR UNBIAS	-0.2918	0.0011	0.2929
51	100	HDR BIAS	-0.3987	-0.2579	0.1408
52	100	HDR BIAS	0.2408	-0.1373	-0.3781
53	100	HDR BIAS	-0.3667	0.0448	0.4115
54	100	HDR BIAS	-0.2738	-0.4198	-0.146
55	100	HDR BIAS	0.1783	-0.1435	-0.3218
56	100	HDR UNBIAS	-0.4135	0.0104	0.4239
57	100	HDR UNBIAS	-0.3956	-0.3887	0.0069
58	100	HDR UNBIAS	-0.112	-0.415	-0.303
59	100	HDR UNBIAS	-0.6163	-0.4858	0.1305
60	100	HDR UNBIAS	-0.4361	-0.451	-0.0149
71	0	CORRELATION	-0.3635	-0.2652	0.0983
72	0	CORRELATION	-0.3706	-0.1987	0.1719
73	0	CORRELATION	0.3937	-0.2953	-0.689

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	-0.3706	-0.11347	0.3937	0.43923	-0.2953	-0.25307	-0.1987	0.04943	-0.689	-0.1396	0.1719	0.47722
3	-0.6444	-0.18385	0.6341	0.40184	-0.4431	-0.27698	0.1447	0.17068	-1.0772	-0.09313	0.7891	0.50101
10	-0.5976	-0.32668	0.3531	0.28642	-0.4696	-0.20448	0.101	0.21165	-0.506	0.1222	0.6236	0.37992
30	-0.4759	-0.08087	0.6715	0.4447	-0.4244	-0.21992	0.0229	0.15702	-0.9336	-0.13905	0.4863	0.4836
50	-0.4268	-0.09885	0.6185	0.3789	-0.451	-0.28375	0.0011	0.1354	-1.0179	-0.1849	0.2929	0.40841
100	-0.6163	-0.25936	0.2408	0.27799	-0.4858	-0.26438	0.0448	0.19665	-0.3781	-0.00502	0.4239	0.28781

Device Test: 19.19 CURRENT|EA//5/5/0/0/5/100kHz//@EA_IB





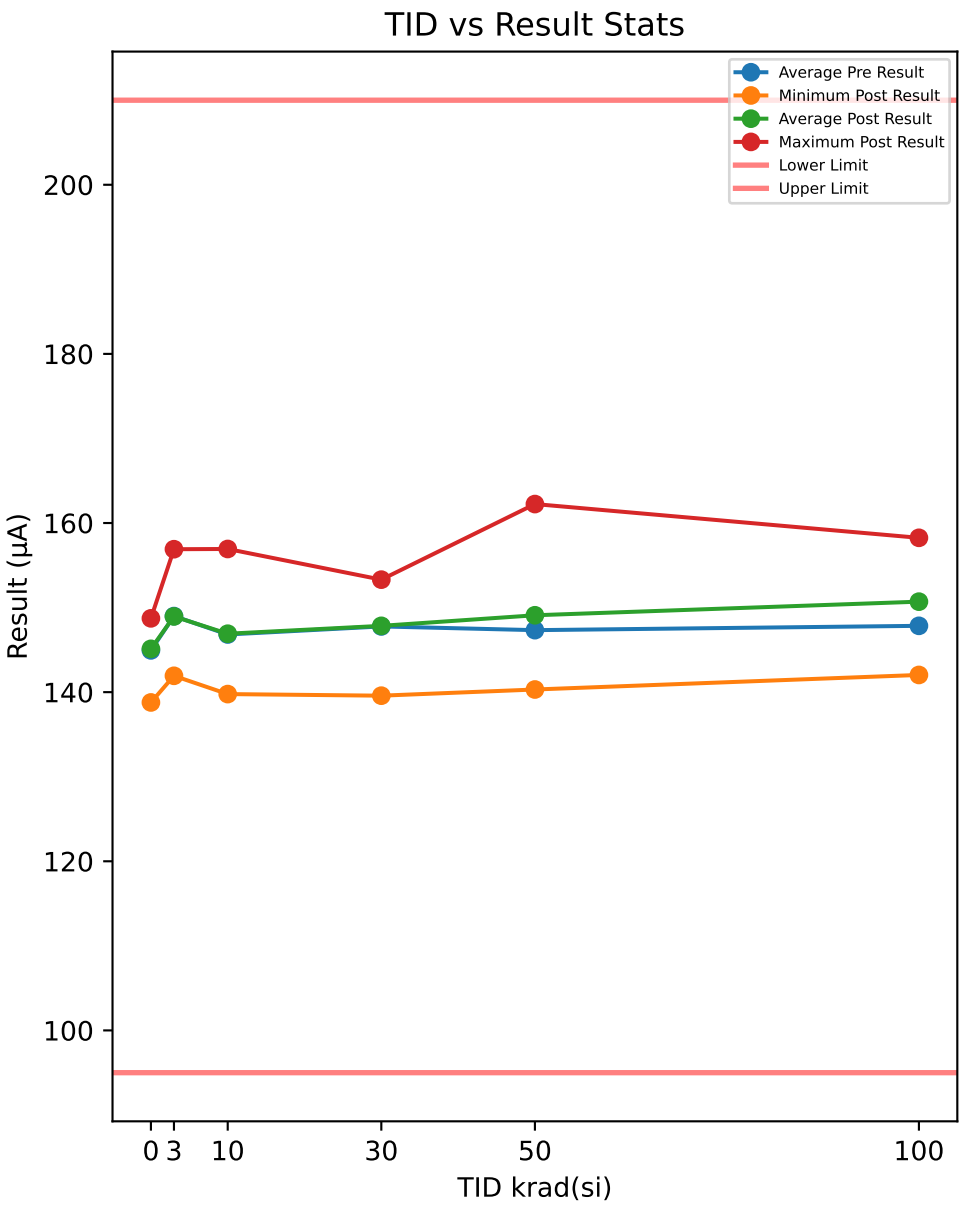
Test Results (Upper Limit = 25.0 (nA))

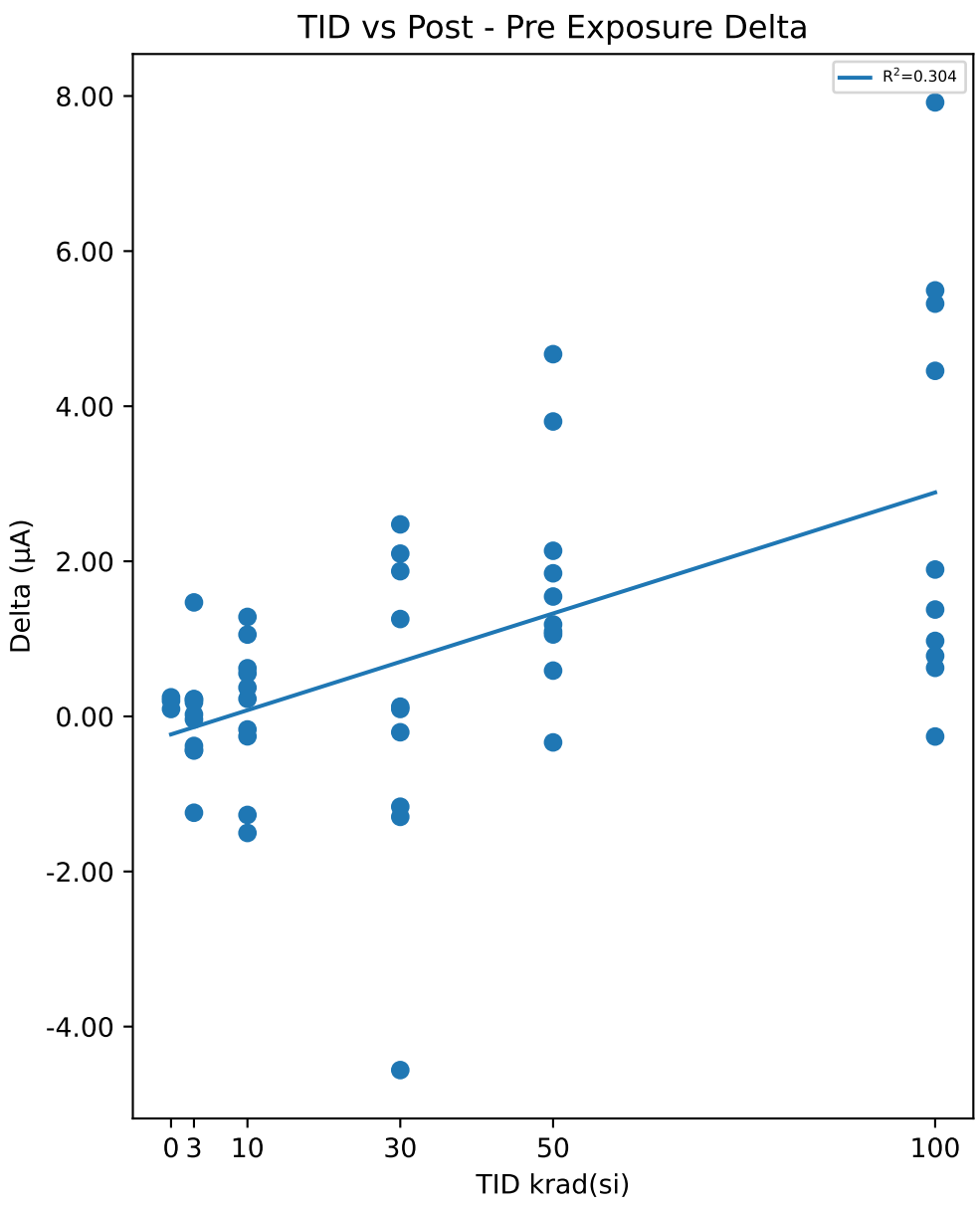
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.606	-0.2028	-0.8088
2	3	HDR BIAS	-0.3479	-0.2112	0.1367
3	3	HDR BIAS	-0.305	-0.37	-0.065
4	3	HDR BIAS	0.4624	-0.4462	-0.9086
5	3	HDR BIAS	-0.3511	-0.361	-0.0099
6	3	HDR UNBIAS	-0.3893	-0.3295	0.0598
7	3	HDR UNBIAS	-0.2992	-0.1216	0.1776
8	3	HDR UNBIAS	-0.6319	0.0136	0.6455
9	3	HDR UNBIAS	-0.3706	-0.3327	0.0379
10	3	HDR UNBIAS	0.2033	-0.1029	-0.3062
11	10	HDR BIAS	-0.4478	0.051	0.4988
12	10	HDR BIAS	-0.3175	-0.3856	-0.0681
13	10	HDR BIAS	0.2345	-0.4837	-0.7182
14	10	HDR BIAS	-0.4415	-0.4172	0.0243
15	10	HDR BIAS	-0.3425	-0.3576	-0.0151
16	10	HDR UNBIAS	-0.0402	-0.1591	-0.1189
17	10	HDR UNBIAS	-0.3386	0.0604	0.399
18	10	HDR UNBIAS	-0.3269	-0.3669	-0.04
19	10	HDR UNBIAS	0.5092	-0.0936	-0.6028
20	10	HDR UNBIAS	-0.3323	0.0541	0.3864
31	30	HDR BIAS	-0.3367	-0.1591	0.1776
32	30	HDR BIAS	-0.6506	-0.0707	0.5799
33	30	HDR BIAS	-0.4861	-0.4261	0.06
34	30	HDR BIAS	0.0254	-0.3744	-0.3998
35	30	HDR BIAS	-0.557	-0.3173	0.2397
36	30	HDR UNBIAS	-0.3893	-0.3949	-0.0056
37	30	HDR UNBIAS	0.5373	-0.2215	-0.7588
38	30	HDR UNBIAS	-0.2637	-0.0582	0.2055
39	30	HDR UNBIAS	-0.2894	-0.3638	-0.0744
40	30	HDR UNBIAS	0.453	-0.3401	-0.7931
41	50	HDR BIAS	-0.3167	-0.2642	0.0525
42	50	HDR BIAS	-0.33	-0.3607	-0.0307
43	50	HDR BIAS	-0.0683	-0.2527	-0.1844
44	50	HDR BIAS	-0.582	-0.0676	0.5144
45	50	HDR BIAS	-0.3831	-0.4198	-0.0367
46	50	HDR UNBIAS	0.503	-0.3869	-0.8899
47	50	HDR UNBIAS	-0.3635	-0.4515	-0.088
48	50	HDR UNBIAS	-0.3456	-0.398	-0.0524
49	50	HDR UNBIAS	0.5467	-0.1622	-0.7089
50	50	HDR UNBIAS	-0.2887	-0.027	0.2617
51	100	HDR BIAS	-0.3862	-0.314	0.0722
52	100	HDR BIAS	0.1502	-0.2278	-0.378
53	100	HDR BIAS	-0.4353	-0.0894	0.3459
54	100	HDR BIAS	-0.4486	-0.3327	0.1159
55	100	HDR BIAS	0.3063	-0.1154	-0.4217
56	100	HDR UNBIAS	-0.2887	0.0666	0.3553
57	100	HDR UNBIAS	-0.3425	-0.3918	-0.0493
58	100	HDR UNBIAS	0.0098	-0.4306	-0.4404
59	100	HDR UNBIAS	-0.6912	-0.3329	0.3583
60	100	HDR UNBIAS	-0.4299	-0.342	0.0879
71	0	CORRELATION	-0.3542	-0.3401	0.0141
72	0	CORRELATION	-0.3893	-0.1893	0.2
73	0	CORRELATION	0.8089	-0.3295	-1.1384

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	-0.3893	0.0218	0.8089	0.68187	-0.3401	-0.2863	-0.1893	0.084171	-1.1384	-0.3081	0.2	0.72504
3	-0.6319	-0.14233	0.606	0.41296	-0.4462	-0.24643	0.0136	0.14514	-0.9086	-0.1041	0.6455	0.46444
10	-0.4478	-0.18436	0.5092	0.31998	-0.4837	-0.20982	0.0604	0.21659	-0.7182	-0.02546	0.4988	0.40155
30	-0.6506	-0.19571	0.5373	0.40819	-0.4261	-0.27261	-0.0582	0.1358	-0.7931	-0.0769	0.5799	0.44499
50	-0.582	-0.16282	0.5467	0.38312	-0.4515	-0.27906	-0.027	0.15085	-0.8899	-0.11624	0.5144	0.41392
100	-0.6912	-0.25561	0.3063	0.31024	-0.4306	-0.251	0.0666	0.15763	-0.4404	0.00461	0.3583	0.31929

Device Test: 19.2 CURRENT|EA_SOURCE//4.5/4.5/0/0/4.5/500kHz//@EA_I_SOURCE





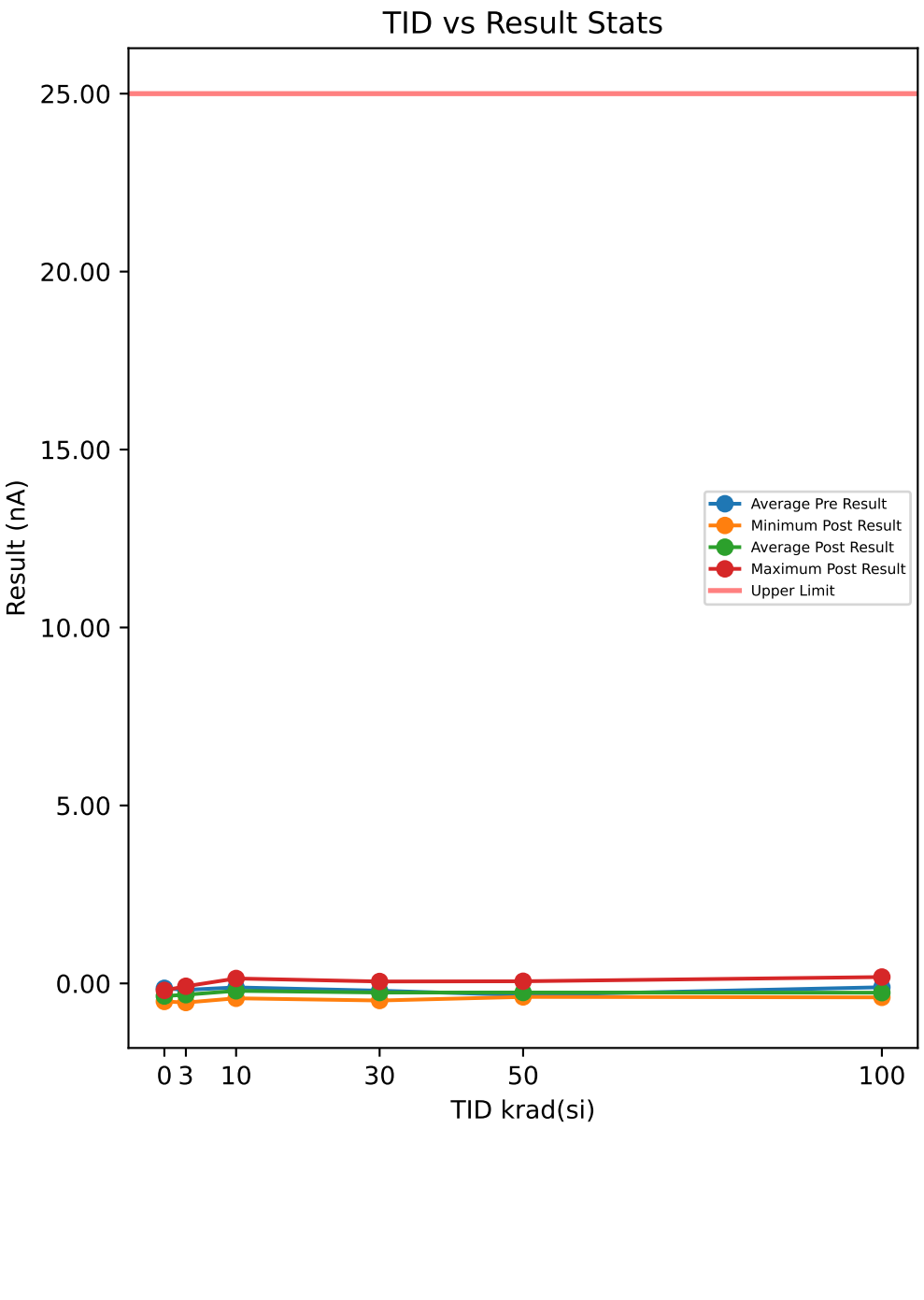
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

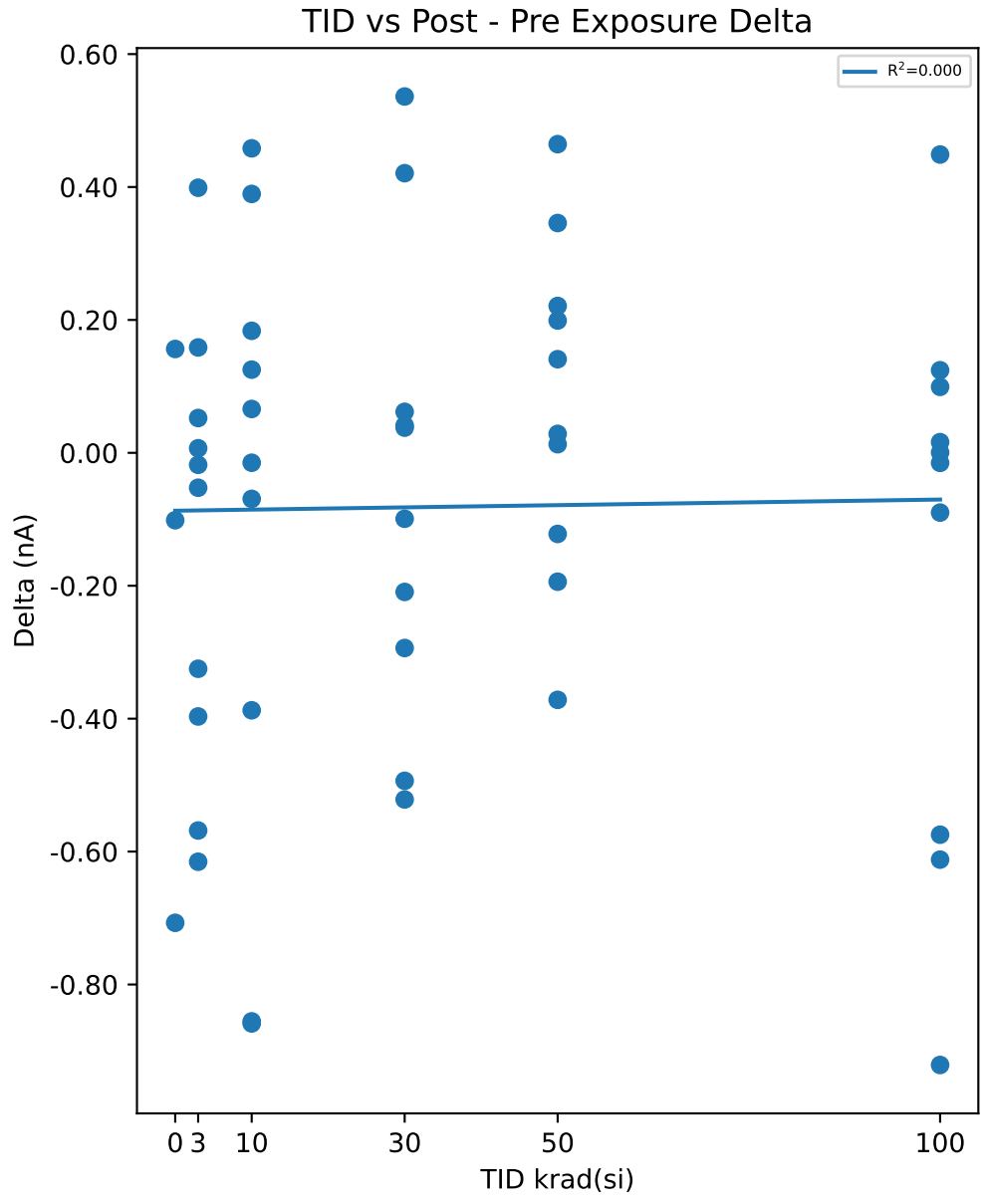
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	150.87	150.43	-0.4402
2	3	HDR BIAS	141.71	141.93	0.2247
3	3	HDR BIAS	146.67	146.69	0.0249
4	3	HDR BIAS	149.02	149.2	0.1824
5	3	HDR BIAS	147.18	145.93	-1.2423
6	3	HDR UNBIAS	157.28	156.9	-0.381
7	3	HDR UNBIAS	149.89	150.11	0.2166
8	3	HDR UNBIAS	149.56	149.52	-0.0394
9	3	HDR UNBIAS	145.06	146.53	1.4698
10	3	HDR UNBIAS	152.71	152.28	-0.4342
11	10	HDR BIAS	146.3	147.35	1.055
12	10	HDR BIAS	150.91	152.19	1.2828
13	10	HDR BIAS	147.73	148.29	0.5553
14	10	HDR BIAS	142.59	142.81	0.2268
15	10	HDR BIAS	143.24	143.86	0.621
16	10	HDR UNBIAS	139.4	139.77	0.371
17	10	HDR UNBIAS	148.46	147.19	-1.2706
18	10	HDR UNBIAS	148.83	148.58	-0.2574
19	10	HDR UNBIAS	157.1	156.93	-0.1684
20	10	HDR UNBIAS	143.62	142.12	-1.503
31	30	HDR BIAS	148.8	147.5	-1.2954
32	30	HDR BIAS	152.55	152.67	0.1255
33	30	HDR BIAS	147.67	149.77	2.0989
34	30	HDR BIAS	146.79	148.67	1.8722
35	30	HDR BIAS	153.21	153.3	0.0956
36	30	HDR UNBIAS	147.48	149.96	2.4759
37	30	HDR UNBIAS	140.84	142.1	1.2556
38	30	HDR UNBIAS	146.48	146.28	-0.2046
39	30	HDR UNBIAS	153.14	148.58	-4.5609
40	30	HDR UNBIAS	140.75	139.58	-1.1646
41	50	HDR BIAS	140.92	142.47	1.5456
42	50	HDR BIAS	151.76	152.85	1.0944
43	50	HDR BIAS	144.41	144.08	-0.3355
44	50	HDR BIAS	148.24	149.43	1.1857
45	50	HDR BIAS	146.01	146.6	0.5903
46	50	HDR UNBIAS	147.29	151.97	4.6709
47	50	HDR UNBIAS	146.77	147.82	1.0562
48	50	HDR UNBIAS	138.47	140.31	1.8452
49	50	HDR UNBIAS	160.11	162.24	2.1356
50	50	HDR UNBIAS	149.34	153.15	3.8029
51	100	HDR BIAS	151.03	151.81	0.78
52	100	HDR BIAS	150.33	158.25	7.9177
53	100	HDR BIAS	141.61	143.51	1.8938
54	100	HDR BIAS	151.66	157.15	5.4934
55	100	HDR BIAS	150.05	150.68	0.6258
56	100	HDR UNBIAS	139.63	144.96	5.3223
57	100	HDR UNBIAS	153.61	154.99	1.3777
58	100	HDR UNBIAS	141.06	142.03	0.9734
59	100	HDR UNBIAS	149.72	149.46	-0.2595
60	100	HDR UNBIAS	149.71	154.17	4.456
71	0	CORRELATION	148.53	148.73	0.2018
72	0	CORRELATION	138.69	138.78	0.0952
73	0	CORRELATION	147.61	147.85	0.2463

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.69	144.94	148.53	5.4347	138.78	145.12	148.73	5.507	0.0952	0.1811	0.2463	0.077648
3	141.71	149	157.28	4.2746	141.93	148.95	156.9	4.0488	-1.2423	-0.04187	1.4698	0.69493
10	139.4	146.82	157.1	5.0133	139.77	146.91	156.93	5.0901	-1.503	0.09125	1.2828	0.91448
30	140.75	147.77	153.21	4.5006	139.58	147.84	153.3	4.2995	-4.5609	0.06982	2.4759	2.0942
50	138.47	147.33	160.11	5.9431	140.31	149.09	162.24	6.3751	-0.3355	1.7591	4.6709	1.4858
100	139.63	147.84	153.61	5.0363	142.03	150.7	158.25	5.6928	-0.2595	2.8581	7.9177	2.7257

Device Test: 19.20 CURRENT|EA//5/5/0/0/5/1MHz//@EA_IB





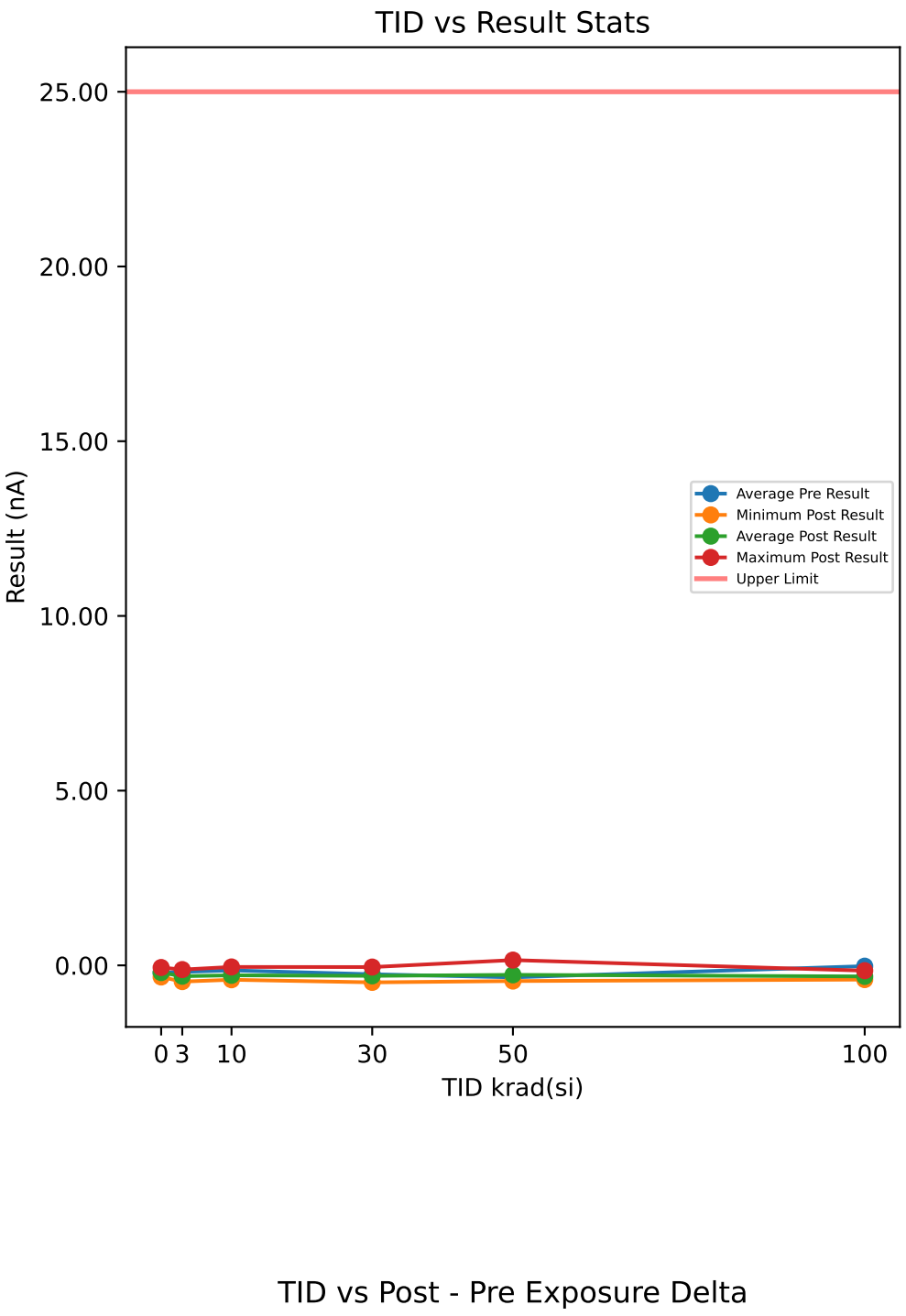
Test Results (Upper Limit = 25.0 (nA))

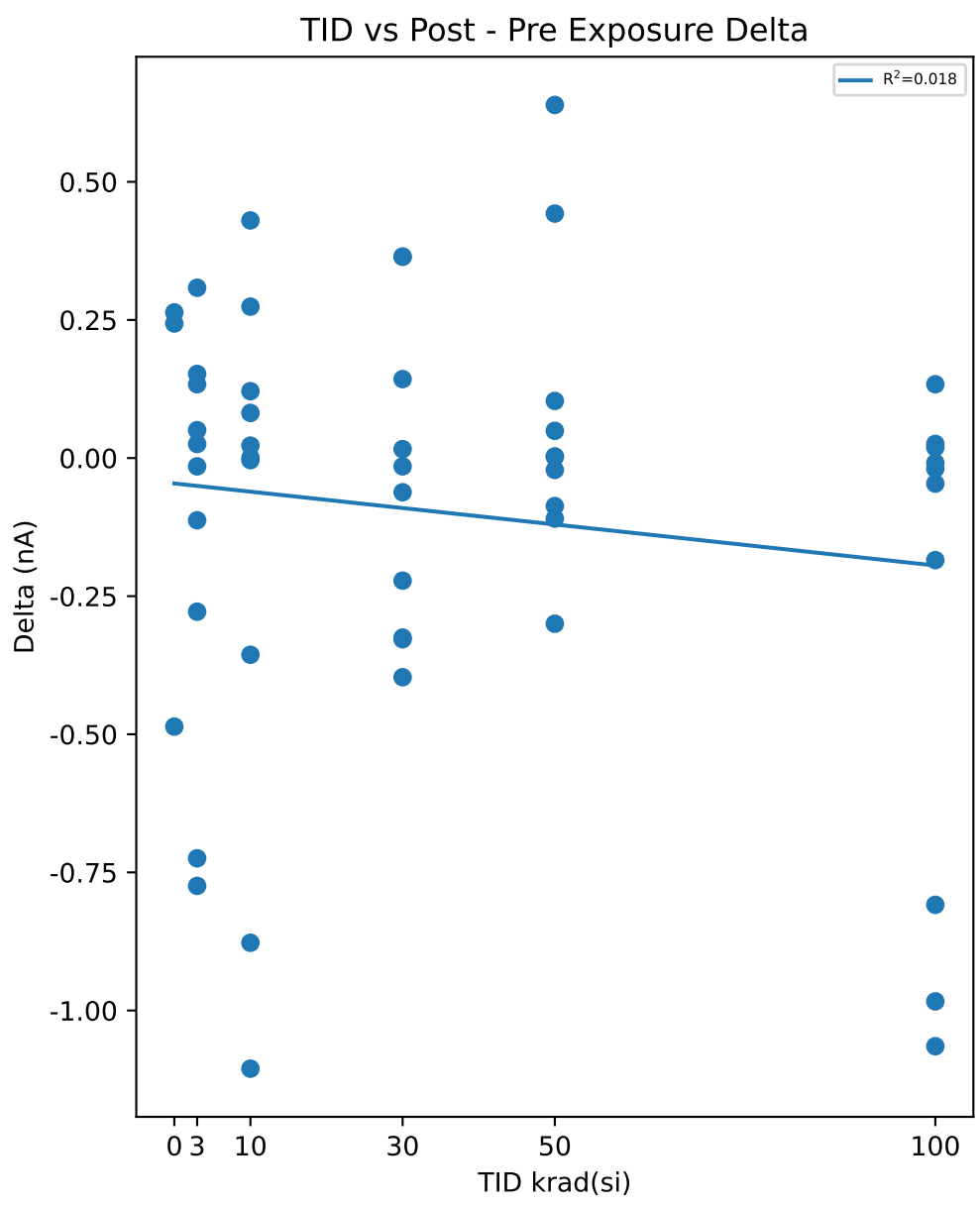
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	-0.0152	-0.3401	-0.3249
2	3	HDR BIAS	-0.4353	-0.2767	0.1586
3	3	HDR BIAS	-0.3362	-0.3887	-0.0525
4	3	HDR BIAS	0.0316	-0.5367	-0.5683
5	3	HDR BIAS	-0.454	-0.4016	0.0524
6	3	HDR UNBIAS	-0.4143	-0.4074	0.0069
7	3	HDR UNBIAS	0.2002	-0.1965	-0.3967
8	3	HDR UNBIAS	-0.479	-0.0801	0.3989
9	3	HDR UNBIAS	-0.4205	-0.4385	-0.018
10	3	HDR UNBIAS	0.5061	-0.1092	-0.6153
11	10	HDR BIAS	-0.2512	0.1384	0.3896
12	10	HDR BIAS	-0.4049	-0.2797	0.1252
13	10	HDR BIAS	0.4374	-0.4181	-0.8555
14	10	HDR BIAS	-0.3479	-0.4172	-0.0693
15	10	HDR BIAS	-0.38	-0.3949	-0.0149
16	10	HDR UNBIAS	0.3438	-0.0436	-0.3874
17	10	HDR UNBIAS	-0.4103	0.0479	0.4582
18	10	HDR UNBIAS	-0.3675	-0.3015	0.066
19	10	HDR UNBIAS	0.5591	-0.2995	-0.8586
20	10	HDR UNBIAS	-0.298	-0.1144	0.1836
31	30	HDR BIAS	0.1658	-0.1279	-0.2937
32	30	HDR BIAS	-0.4883	0.0479	0.5362
33	30	HDR BIAS	-0.4174	-0.3762	0.0412
34	30	HDR BIAS	-0.2712	-0.4805	-0.2093
35	30	HDR BIAS	-0.5039	-0.4422	0.0617
36	30	HDR UNBIAS	-0.3019	-0.4011	-0.0992
37	30	HDR UNBIAS	0.3875	-0.1341	-0.5216
38	30	HDR UNBIAS	-0.3667	0.0541	0.4208
39	30	HDR UNBIAS	-0.3581	-0.3202	0.0379
40	30	HDR UNBIAS	0.1097	-0.3838	-0.4935
41	50	HDR BIAS	-0.5133	-0.2923	0.221
42	50	HDR BIAS	-0.3924	-0.3794	0.013
43	50	HDR BIAS	-0.1713	-0.2933	-0.122
44	50	HDR BIAS	-0.532	-0.1862	0.3458
45	50	HDR BIAS	-0.3394	-0.3109	0.0285
46	50	HDR UNBIAS	0.0191	-0.3526	-0.3717
47	50	HDR UNBIAS	-0.5164	-0.3173	0.1991
48	50	HDR UNBIAS	-0.4642	-0.3233	0.1409
49	50	HDR UNBIAS	0.0379	-0.156	-0.1939
50	50	HDR UNBIAS	-0.4041	0.0604	0.4645
51	100	HDR BIAS	-0.3019	-0.3918	-0.0899
52	100	HDR BIAS	0.6559	-0.2652	-0.9211
53	100	HDR BIAS	-0.2793	-0.155	0.1243
54	100	HDR BIAS	-0.3082	-0.3233	-0.0151
55	100	HDR BIAS	0.4499	-0.1622	-0.6121
56	100	HDR UNBIAS	-0.2699	0.179	0.4489
57	100	HDR UNBIAS	-0.3519	-0.3358	0.0161
58	100	HDR UNBIAS	0.1846	-0.39	-0.5746
59	100	HDR UNBIAS	-0.4759	-0.3766	0.0993
60	100	HDR UNBIAS	-0.38	-0.3794	0.0006
71	0	CORRELATION	-0.2606	-0.362	-0.1014
72	0	CORRELATION	-0.3519	-0.1956	0.1563
73	0	CORRELATION	0.2002	-0.507	-0.7072

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	-0.3519	-0.13743	0.2002	0.29594	-0.507	-0.35487	-0.1956	0.15582	-0.7072	-0.21743	0.1563	0.44329
3	-0.479	-0.18166	0.5061	0.34221	-0.5367	-0.31755	-0.0801	0.14888	-0.6153	-0.13589	0.3989	0.32829
10	-0.4103	-0.11195	0.5591	0.39179	-0.4181	-0.20826	0.1384	0.20176	-0.8586	-0.09631	0.4582	0.4651
30	-0.5039	-0.20445	0.3875	0.31014	-0.4805	-0.2564	0.0541	0.20023	-0.5216	-0.05195	0.5362	0.34961
50	-0.532	-0.32761	0.0379	0.21576	-0.3794	-0.25509	0.0604	0.13061	-0.3717	0.07252	0.4645	0.25445
100	-0.4759	-0.10767	0.6559	0.39193	-0.3918	-0.26003	0.179	0.17802	-0.9211	-0.15236	0.4489	0.41587

Device Test: 19.21 CURRENT|EA//12/12/0/0/5/100kHz//@EA_IB





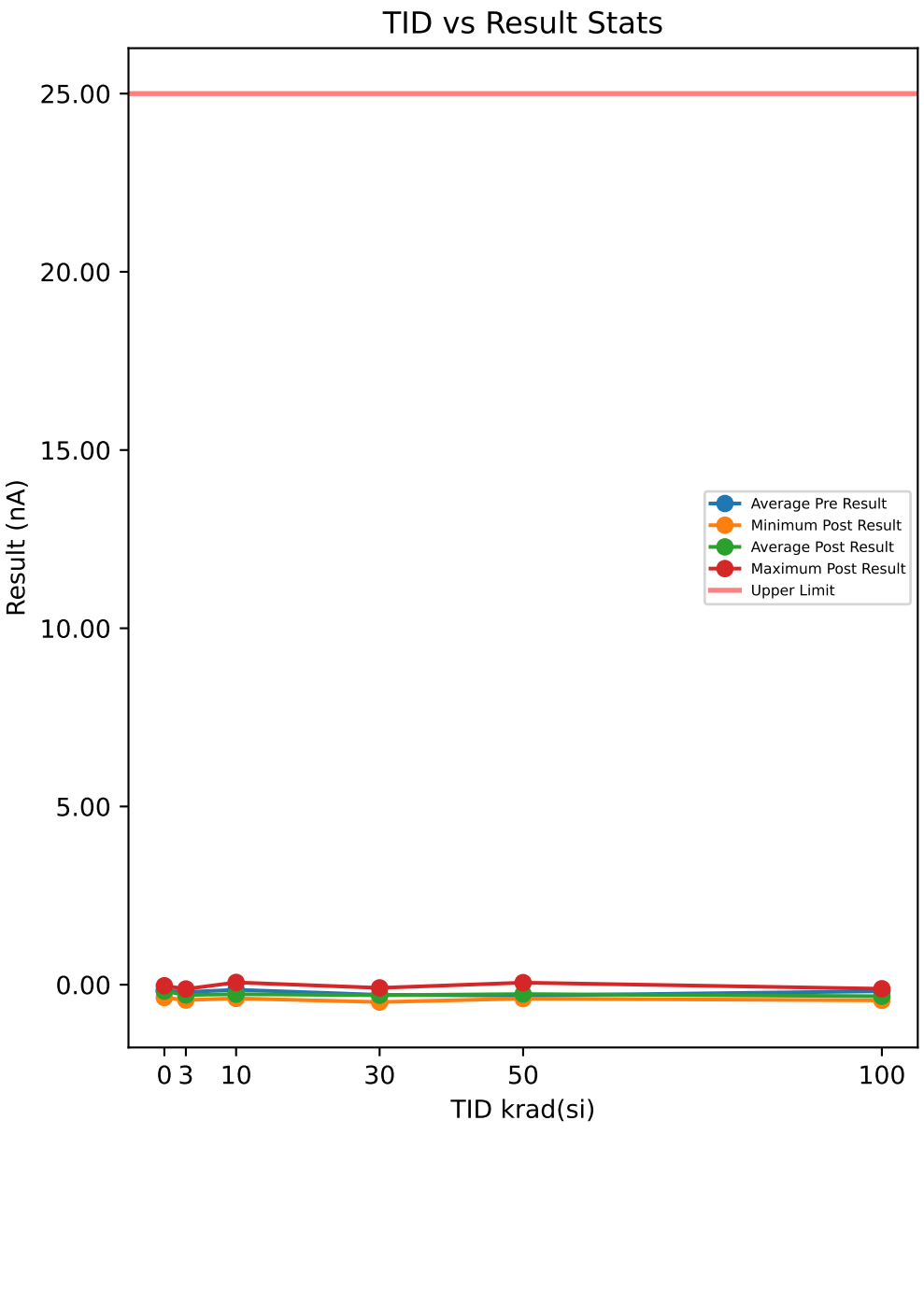
Test Results (Upper Limit = 25.0 (nA))

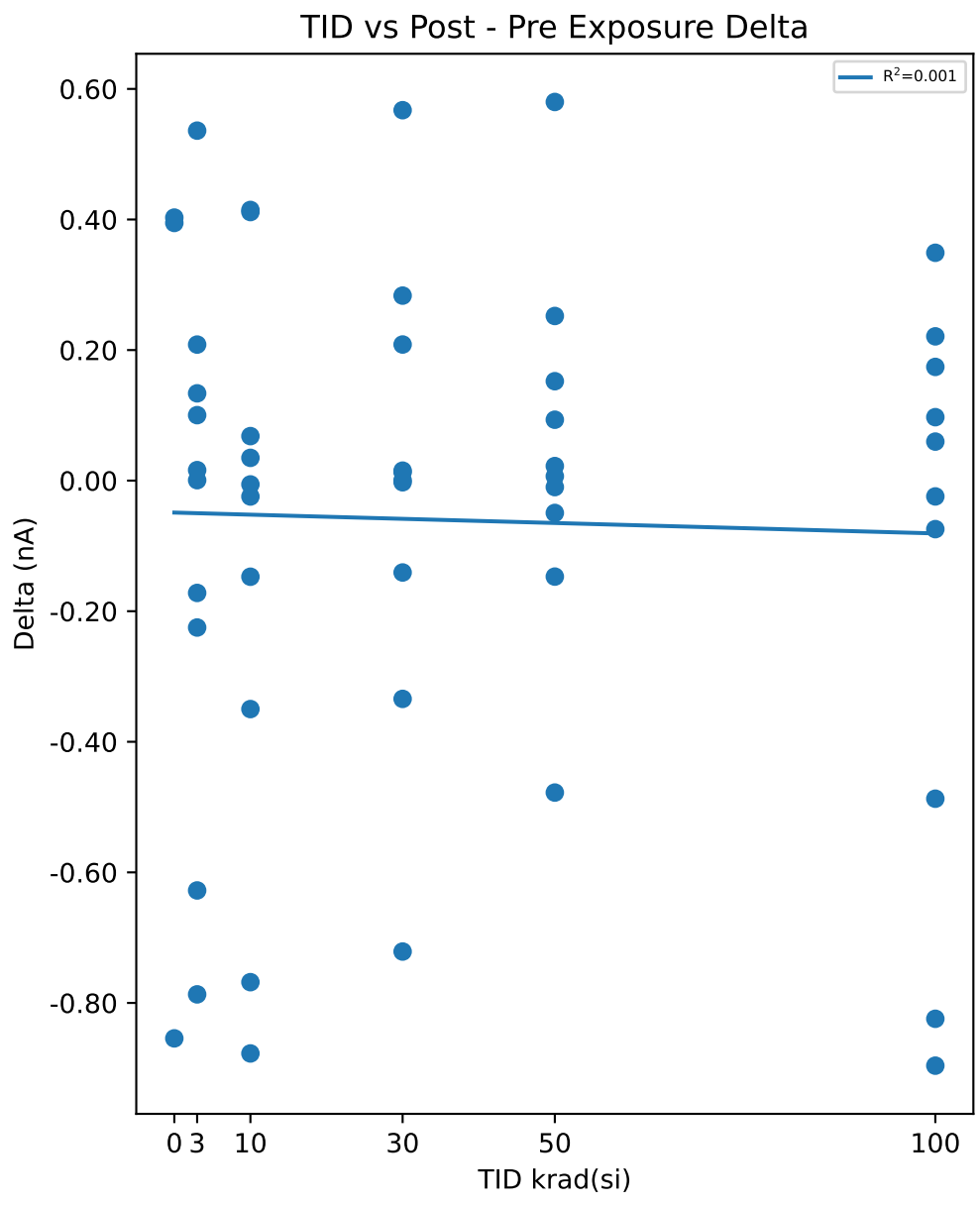
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	-0.3523	-0.4649	-0.1126
2	3	HDR BIAS	-0.5445	-0.3922	0.1523
3	3	HDR BIAS	-0.4174	-0.3669	0.0505
4	3	HDR BIAS	-0.0807	-0.3588	-0.2781
5	3	HDR BIAS	-0.5164	-0.2081	0.3083
6	3	HDR UNBIAS	-0.355	-0.37	-0.015
7	3	HDR UNBIAS	0.5061	-0.2683	-0.7744
8	3	HDR UNBIAS	-0.2543	-0.1207	0.1336
9	3	HDR UNBIAS	-0.3643	-0.3389	0.0254
10	3	HDR UNBIAS	0.5061	-0.2184	-0.7245
11	10	HDR BIAS	-0.3916	-0.1175	0.2741
12	10	HDR BIAS	-0.4112	-0.3887	0.0225
13	10	HDR BIAS	0.6934	-0.4119	-1.1053
14	10	HDR BIAS	-0.3417	-0.3454	-0.0037
15	10	HDR BIAS	-0.3956	-0.3949	0.0007
16	10	HDR UNBIAS	0.5279	-0.3495	-0.8774
17	10	HDR UNBIAS	-0.3635	-0.2424	0.1211
18	10	HDR UNBIAS	-0.4455	-0.3638	0.0817
19	10	HDR UNBIAS	0.1658	-0.1903	-0.3561
20	10	HDR UNBIAS	-0.4759	-0.0457	0.4302
31	30	HDR BIAS	0.2095	-0.1872	-0.3967
32	30	HDR BIAS	-0.4135	-0.0489	0.3646
33	30	HDR BIAS	-0.3737	-0.3887	-0.015
34	30	HDR BIAS	-0.2649	-0.4868	-0.2219
35	30	HDR BIAS	-0.5445	-0.4016	0.1429
36	30	HDR UNBIAS	-0.3206	-0.3825	-0.0619
37	30	HDR UNBIAS	0.066	-0.259	-0.325
38	30	HDR UNBIAS	-0.4166	-0.052	0.3646
39	30	HDR UNBIAS	-0.3675	-0.3513	0.0162
40	30	HDR UNBIAS	-0.1182	-0.4462	-0.328
41	50	HDR BIAS	-0.479	-0.4297	0.0493
42	50	HDR BIAS	-0.3175	-0.3389	-0.0214
43	50	HDR BIAS	-0.1494	-0.4493	-0.2999
44	50	HDR BIAS	-0.3947	-0.3922	0.0025
45	50	HDR BIAS	-0.3987	-0.2953	0.1034
46	50	HDR UNBIAS	-0.2243	-0.3339	-0.1096
47	50	HDR UNBIAS	-0.5757	-0.1331	0.4426
48	50	HDR UNBIAS	-0.2925	-0.3794	-0.0869
49	50	HDR UNBIAS	-0.112	-0.1092	0.0028
50	50	HDR UNBIAS	-0.4883	0.1509	0.6392
51	100	HDR BIAS	-0.3394	-0.3202	0.0192
52	100	HDR BIAS	0.6465	-0.337	-0.9835
53	100	HDR BIAS	-0.1264	-0.3111	-0.1847
54	100	HDR BIAS	-0.3456	-0.3544	-0.0088
55	100	HDR BIAS	0.556	-0.2527	-0.8087
56	100	HDR UNBIAS	-0.2855	-0.1519	0.1336
57	100	HDR UNBIAS	-0.3612	-0.4074	-0.0462
58	100	HDR UNBIAS	0.684	-0.3807	-1.0647
59	100	HDR UNBIAS	-0.2606	-0.2798	-0.0192
60	100	HDR UNBIAS	-0.3987	-0.3731	0.0256
71	0	CORRELATION	-0.4883	-0.2246	0.2637
72	0	CORRELATION	-0.305	-0.0614	0.2436
73	0	CORRELATION	0.1534	-0.3327	-0.4861

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	-0.4883	-0.2133	0.1534	0.33053	-0.3327	-0.20623	-0.0614	0.13658	-0.4861	0.0070667	0.2637	0.42721
3	-0.5445	-0.18727	0.5061	0.38773	-0.4649	-0.31072	-0.1207	0.10389	-0.7744	-0.12345	0.3083	0.36541
10	-0.4759	-0.14379	0.6934	0.43881	-0.4119	-0.28501	-0.0457	0.12869	-1.1053	-0.14122	0.4302	0.49452
30	-0.5445	-0.2544	0.2095	0.23657	-0.4868	-0.30042	-0.0489	0.15736	-0.3967	-0.04602	0.3646	0.27674
50	-0.5757	-0.34321	-0.112	0.1519	-0.4493	-0.27101	0.1509	0.18731	-0.2999	0.0722	0.6392	0.27395
100	-0.3987	-0.02309	0.684	0.45693	-0.4074	-0.31683	-0.1519	0.074533	-1.0647	-0.29374	0.1336	0.46519

Device Test: 19.22 CURRENT|EA//12/12/0/0/5/1MHz//@EA_IB





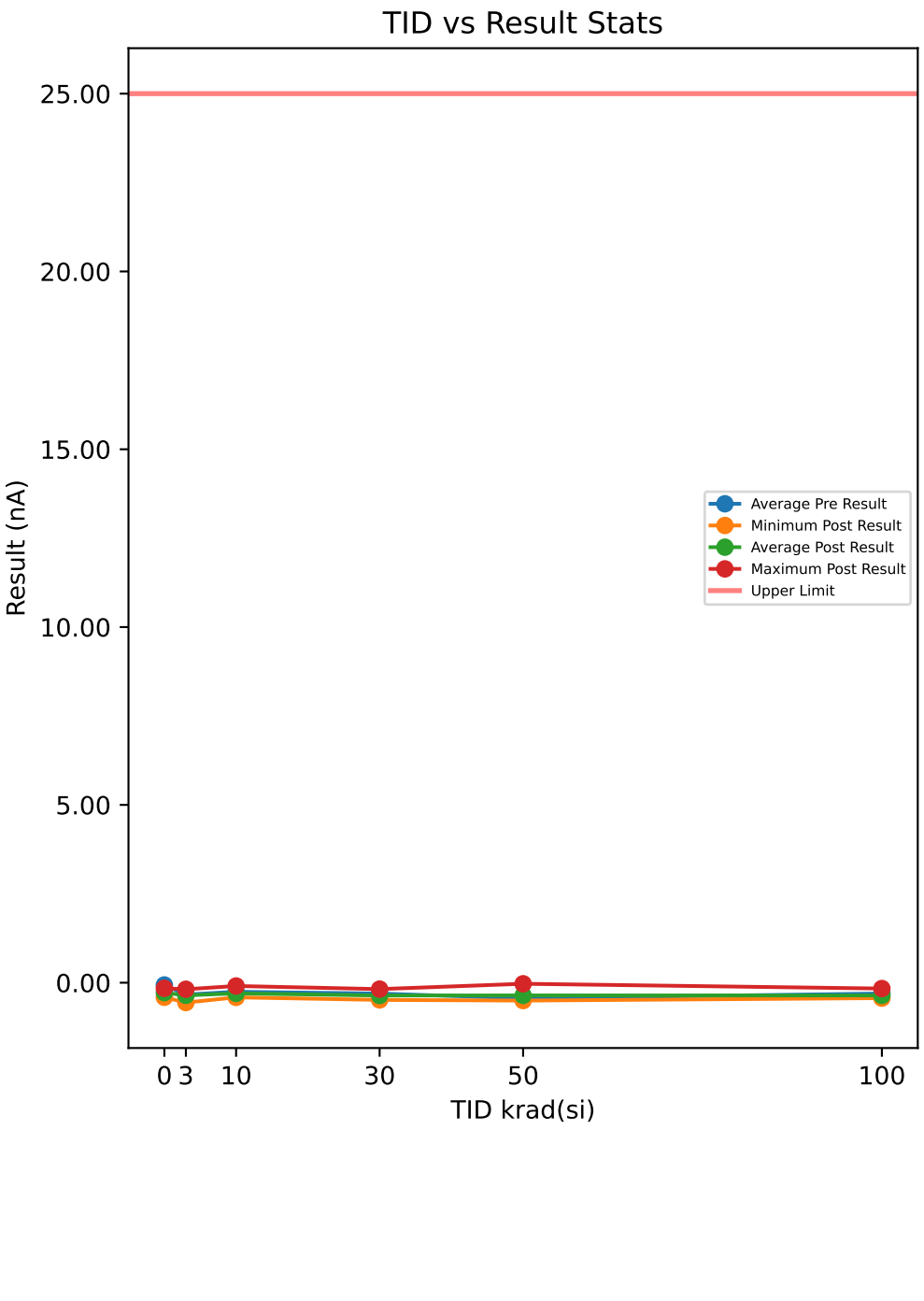
Test Results (Upper Limit = 25.0 (nA))

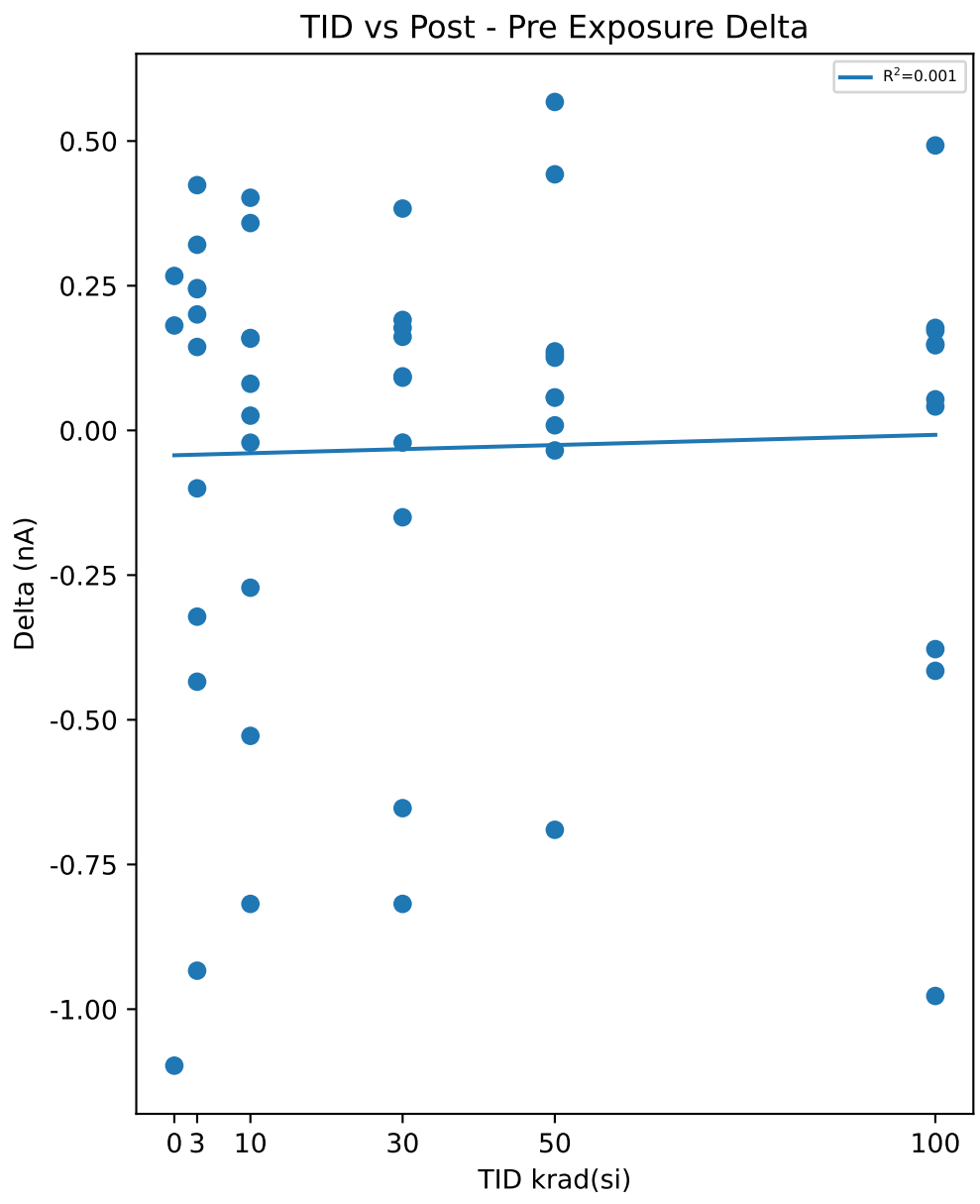
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	-0.2056	-0.4306	-0.225
2	3	HDR BIAS	-0.5944	-0.386	0.2084
3	3	HDR BIAS	-0.4112	-0.4105	0.0007
4	3	HDR BIAS	-0.1806	-0.3526	-0.172
5	3	HDR BIAS	-0.6568	-0.1207	0.5361
6	3	HDR UNBIAS	-0.433	-0.3327	0.1003
7	3	HDR UNBIAS	0.5623	-0.2246	-0.7869
8	3	HDR UNBIAS	-0.2637	-0.13	0.1337
9	3	HDR UNBIAS	-0.355	-0.3389	0.0161
10	3	HDR UNBIAS	0.4624	-0.1653	-0.6277
11	10	HDR BIAS	-0.3511	0.0635	0.4146
12	10	HDR BIAS	-0.3519	-0.3762	-0.0243
13	10	HDR BIAS	0.4936	-0.3838	-0.8774
14	10	HDR BIAS	-0.2013	-0.3485	-0.1472
15	10	HDR BIAS	-0.3175	-0.3233	-0.0058
16	10	HDR UNBIAS	0.4936	-0.2746	-0.7682
17	10	HDR UNBIAS	-0.2887	-0.2205	0.0682
18	10	HDR UNBIAS	-0.4174	-0.3825	0.0349
19	10	HDR UNBIAS	0.0441	-0.3058	-0.3499
20	10	HDR UNBIAS	-0.5227	-0.1113	0.4114
31	30	HDR BIAS	0.5154	-0.2059	-0.7213
32	30	HDR BIAS	-0.3323	-0.1238	0.2085
33	30	HDR BIAS	-0.3831	-0.3856	-0.0025
34	30	HDR BIAS	-0.1525	-0.4868	-0.3343
35	30	HDR BIAS	-0.6069	-0.3235	0.2834
36	30	HDR UNBIAS	-0.3456	-0.3327	0.0129
37	30	HDR UNBIAS	-0.2212	-0.2059	0.0153
38	30	HDR UNBIAS	-0.6568	-0.0894	0.5674
39	30	HDR UNBIAS	-0.3956	-0.3949	0.0007
40	30	HDR UNBIAS	-0.2649	-0.4056	-0.1407
41	50	HDR BIAS	-0.532	-0.3797	0.1523
42	50	HDR BIAS	-0.3581	-0.3358	0.0223
43	50	HDR BIAS	0.0878	-0.39	-0.4778
44	50	HDR BIAS	-0.3292	-0.3391	-0.0099
45	50	HDR BIAS	-0.3456	-0.3389	0.0067
46	50	HDR UNBIAS	-0.1401	-0.2871	-0.147
47	50	HDR UNBIAS	-0.4634	-0.2112	0.2522
48	50	HDR UNBIAS	-0.2863	-0.3358	-0.0495
49	50	HDR UNBIAS	-0.1681	-0.0748	0.0933
50	50	HDR UNBIAS	-0.5227	0.0573	0.58
51	100	HDR BIAS	-0.3362	-0.4105	-0.0743
52	100	HDR BIAS	0.0472	-0.44	-0.4872
53	100	HDR BIAS	-0.582	-0.4078	0.1742
54	100	HDR BIAS	-0.4205	-0.3607	0.0598
55	100	HDR BIAS	0.5404	-0.2839	-0.8243
56	100	HDR UNBIAS	-0.4634	-0.1144	0.349
57	100	HDR UNBIAS	-0.3956	-0.4198	-0.0242
58	100	HDR UNBIAS	0.6153	-0.2808	-0.8961
59	100	HDR UNBIAS	-0.4072	-0.1862	0.221
60	100	HDR UNBIAS	-0.433	-0.3358	0.0972
71	0	CORRELATION	-0.5476	-0.1529	0.3947
72	0	CORRELATION	-0.433	-0.0301	0.4029
73	0	CORRELATION	0.4936	-0.3607	-0.8543

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	-0.5476	-0.16233	0.4936	0.57094	-0.3607	-0.18123	-0.0301	0.16711	-0.8543	-0.0189	0.4029	0.72349
3	-0.6568	-0.20756	0.5623	0.40973	-0.4306	-0.28919	-0.1207	0.11819	-0.7869	-0.08163	0.5361	0.3924
10	-0.5227	-0.14193	0.4936	0.36621	-0.3838	-0.2663	0.0635	0.14373	-0.8774	-0.12437	0.4146	0.43423
30	-0.6568	-0.28435	0.5154	0.32185	-0.4868	-0.29541	-0.0894	0.13203	-0.7213	-0.01106	0.5674	0.34908
50	-0.532	-0.30577	0.0878	0.19138	-0.39	-0.26351	0.0573	0.1465	-0.4778	0.04226	0.58	0.27224
100	-0.582	-0.1835	0.6153	0.43324	-0.44	-0.32399	-0.1144	0.10802	-0.8961	-0.14049	0.349	0.44002

Device Test: 19.23 CURRENT|EA//14/14/0/0/5/100kHz//@EA_IB





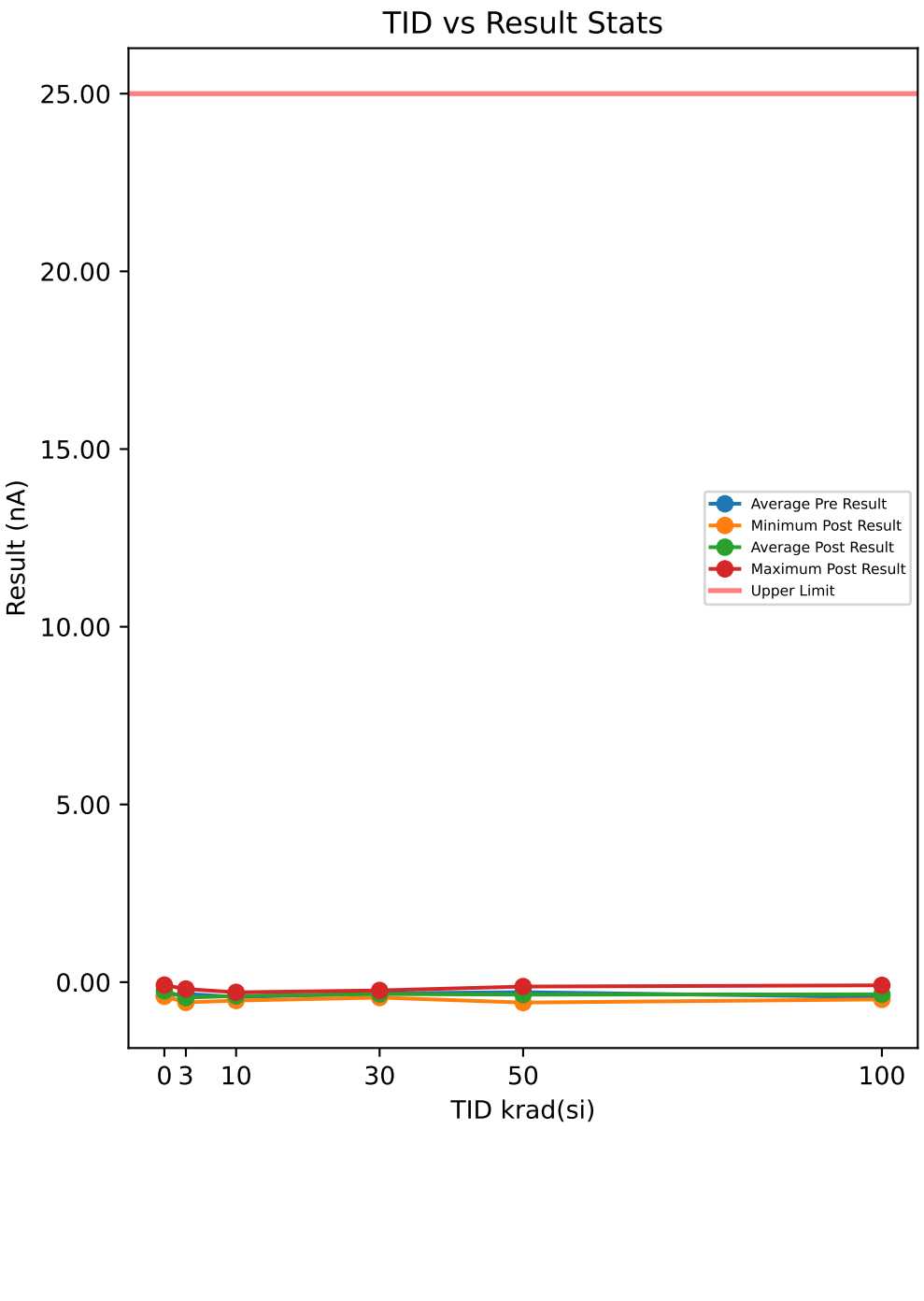
Test Results (Upper Limit = 25.0 (nA))

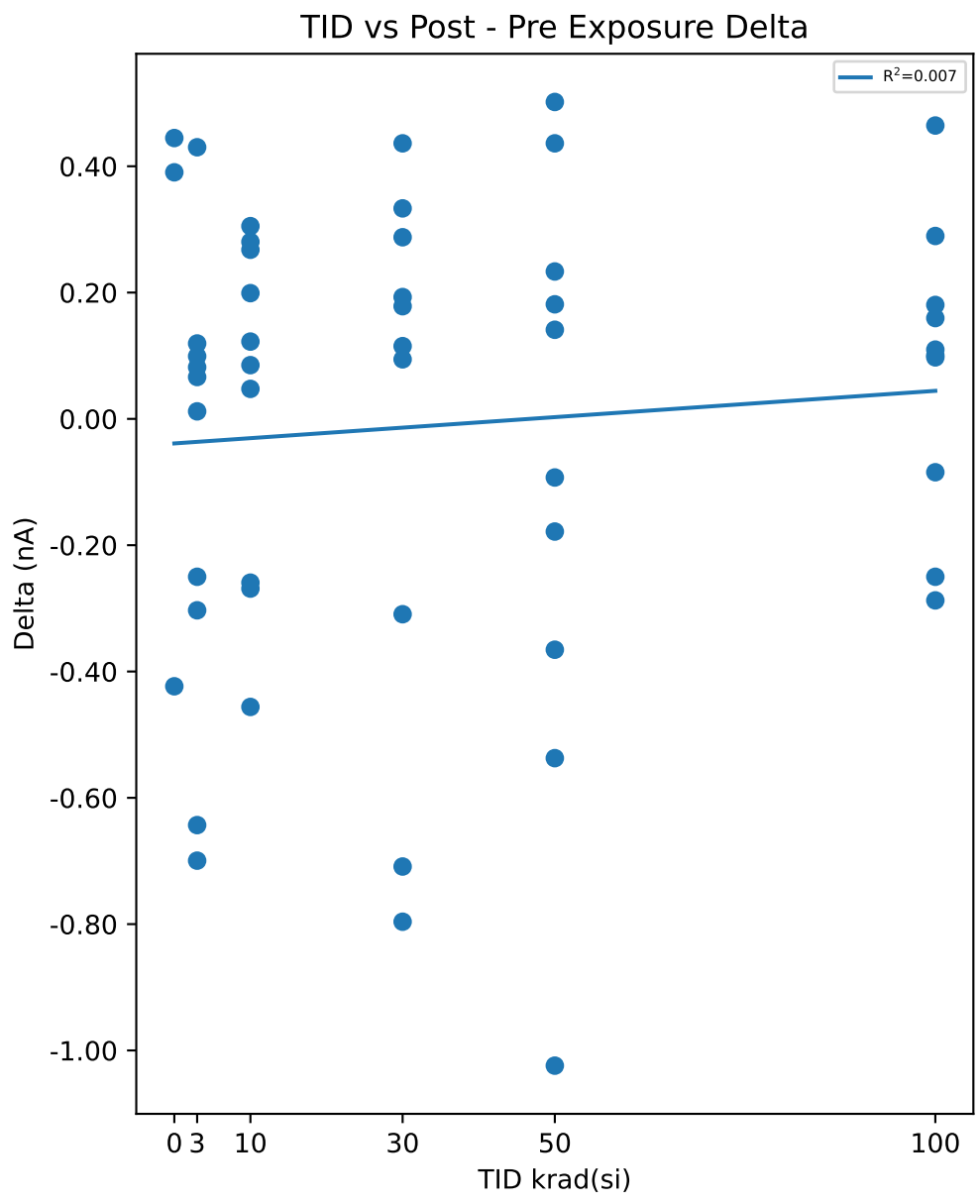
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	-0.2368	-0.5586	-0.3218
2	3	HDR BIAS	-0.816	-0.4952	0.3208
3	3	HDR BIAS	-0.5704	-0.3264	0.244
4	3	HDR BIAS	-0.2868	-0.3869	-0.1001
5	3	HDR BIAS	-0.7099	-0.2861	0.4238
6	3	HDR UNBIAS	-0.5829	-0.3825	0.2004
7	3	HDR UNBIAS	0.5872	-0.3463	-0.9335
8	3	HDR UNBIAS	-0.4852	-0.2393	0.2459
9	3	HDR UNBIAS	-0.4955	-0.3513	0.1442
10	3	HDR UNBIAS	0.2501	-0.1841	-0.4342
11	10	HDR BIAS	-0.4946	-0.0926	0.402
12	10	HDR BIAS	-0.4986	-0.3389	0.1597
13	10	HDR BIAS	0.1159	-0.4119	-0.5278
14	10	HDR BIAS	-0.4478	-0.2892	0.1586
15	10	HDR BIAS	-0.3675	-0.342	0.0255
16	10	HDR UNBIAS	0.4998	-0.3183	-0.8181
17	10	HDR UNBIAS	-0.3011	-0.2205	0.0806
18	10	HDR UNBIAS	-0.3768	-0.398	-0.0212
19	10	HDR UNBIAS	-0.1026	-0.3744	-0.2718
20	10	HDR UNBIAS	-0.5788	-0.2205	0.3583
31	30	HDR BIAS	0.4749	-0.3432	-0.8181
32	30	HDR BIAS	-0.3417	-0.18	0.1617
33	30	HDR BIAS	-0.4736	-0.3825	0.0911
34	30	HDR BIAS	0.2002	-0.4525	-0.6527
35	30	HDR BIAS	-0.582	-0.4047	0.1773
36	30	HDR UNBIAS	-0.536	-0.3451	0.1909
37	30	HDR UNBIAS	-0.4241	-0.3307	0.0934
38	30	HDR UNBIAS	-0.5976	-0.2143	0.3833
39	30	HDR UNBIAS	-0.4424	-0.4634	-0.021
40	30	HDR UNBIAS	-0.3336	-0.4837	-0.1501
41	50	HDR BIAS	-0.6256	-0.489	0.1366
42	50	HDR BIAS	-0.4518	-0.3949	0.0569
43	50	HDR BIAS	0.1877	-0.5024	-0.6901
44	50	HDR BIAS	-0.4353	-0.4265	0.0088
45	50	HDR BIAS	-0.4611	-0.4043	0.0568
46	50	HDR UNBIAS	-0.3991	-0.4337	-0.0346
47	50	HDR UNBIAS	-0.7473	-0.3048	0.4425
48	50	HDR UNBIAS	-0.5641	-0.4385	0.1256
49	50	HDR UNBIAS	-0.2868	-0.156	0.1308
50	50	HDR UNBIAS	-0.5976	-0.0301	0.5675
51	100	HDR BIAS	-0.4798	-0.3327	0.1471
52	100	HDR BIAS	-0.0433	-0.4212	-0.3779
53	100	HDR BIAS	-0.5663	-0.3891	0.1772
54	100	HDR BIAS	-0.5235	-0.3513	0.1722
55	100	HDR BIAS	0.0691	-0.3463	-0.4154
56	100	HDR UNBIAS	-0.6568	-0.1644	0.4924
57	100	HDR UNBIAS	-0.4393	-0.3856	0.0537
58	100	HDR UNBIAS	0.5435	-0.4337	-0.9772
59	100	HDR UNBIAS	-0.4821	-0.3329	0.1492
60	100	HDR UNBIAS	-0.4705	-0.4292	0.0413
71	0	CORRELATION	-0.5383	-0.2714	0.2669
72	0	CORRELATION	-0.3394	-0.1581	0.1813
73	0	CORRELATION	0.6871	-0.4105	-1.0976

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	-0.5383	-0.063533	0.6871	0.65763	-0.4105	-0.28	-0.1581	0.12642	-1.0976	-0.21647	0.2669	0.76428
3	-0.816	-0.33462	0.5872	0.43993	-0.5586	-0.35567	-0.1841	0.11112	-0.9335	-0.02105	0.4238	0.42591
10	-0.5788	-0.25521	0.4998	0.33647	-0.4119	-0.30063	-0.0926	0.098342	-0.8181	-0.04542	0.402	0.3872
30	-0.5976	-0.30559	0.4749	0.35634	-0.4837	-0.36001	-0.18	0.10113	-0.8181	-0.05442	0.3833	0.38681
50	-0.7473	-0.4381	0.1877	0.25579	-0.5024	-0.35802	-0.0301	0.1526	-0.6901	0.08008	0.5675	0.33154
100	-0.6568	-0.3049	0.5435	0.37646	-0.4337	-0.35864	-0.1644	0.078494	-0.9772	-0.05374	0.4924	0.42077

Device Test: 19.24 CURRENT|EA//14/14/0/0/5/1MHz//@EA_IB





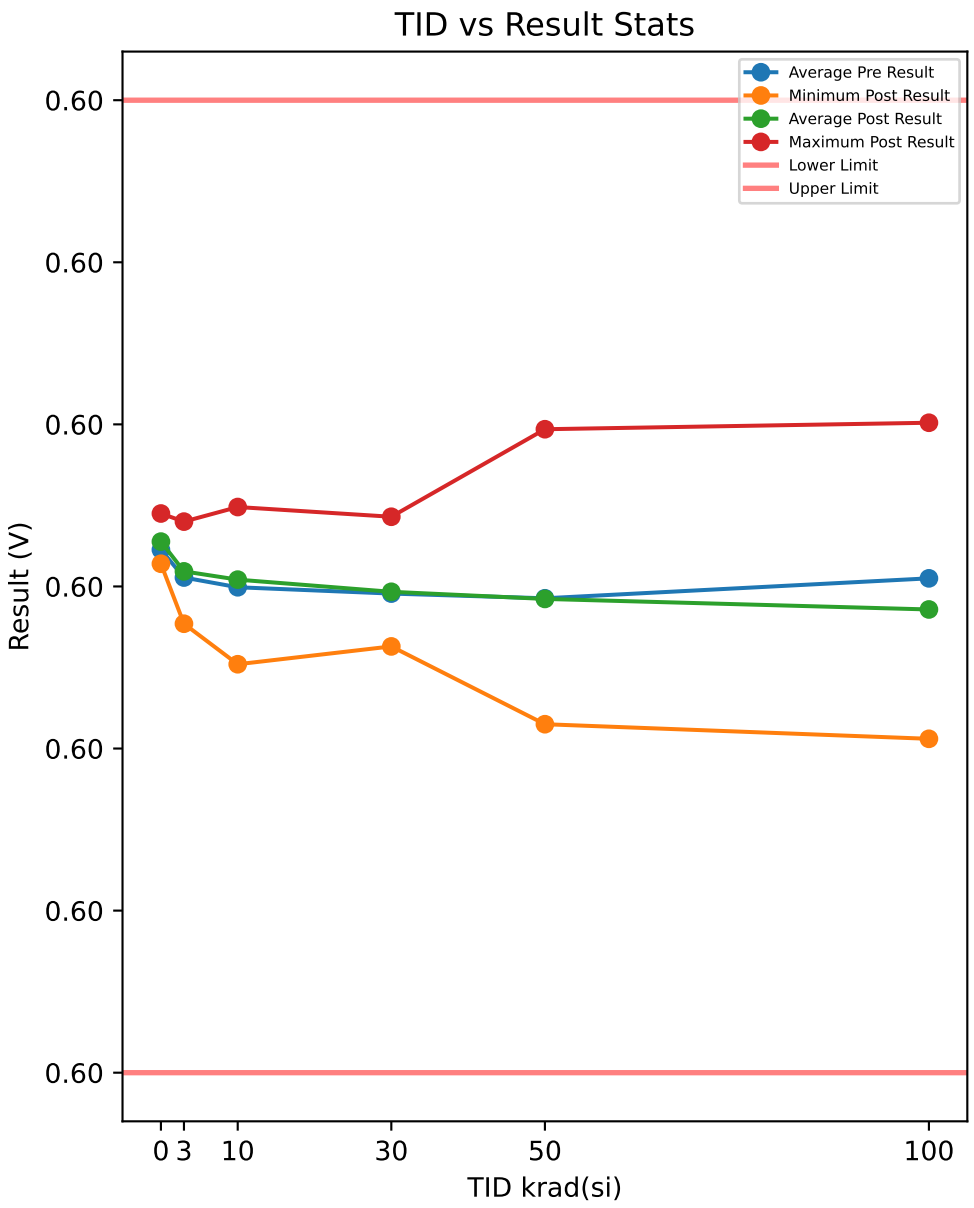
Test Results (Upper Limit = 25.0 (nA))

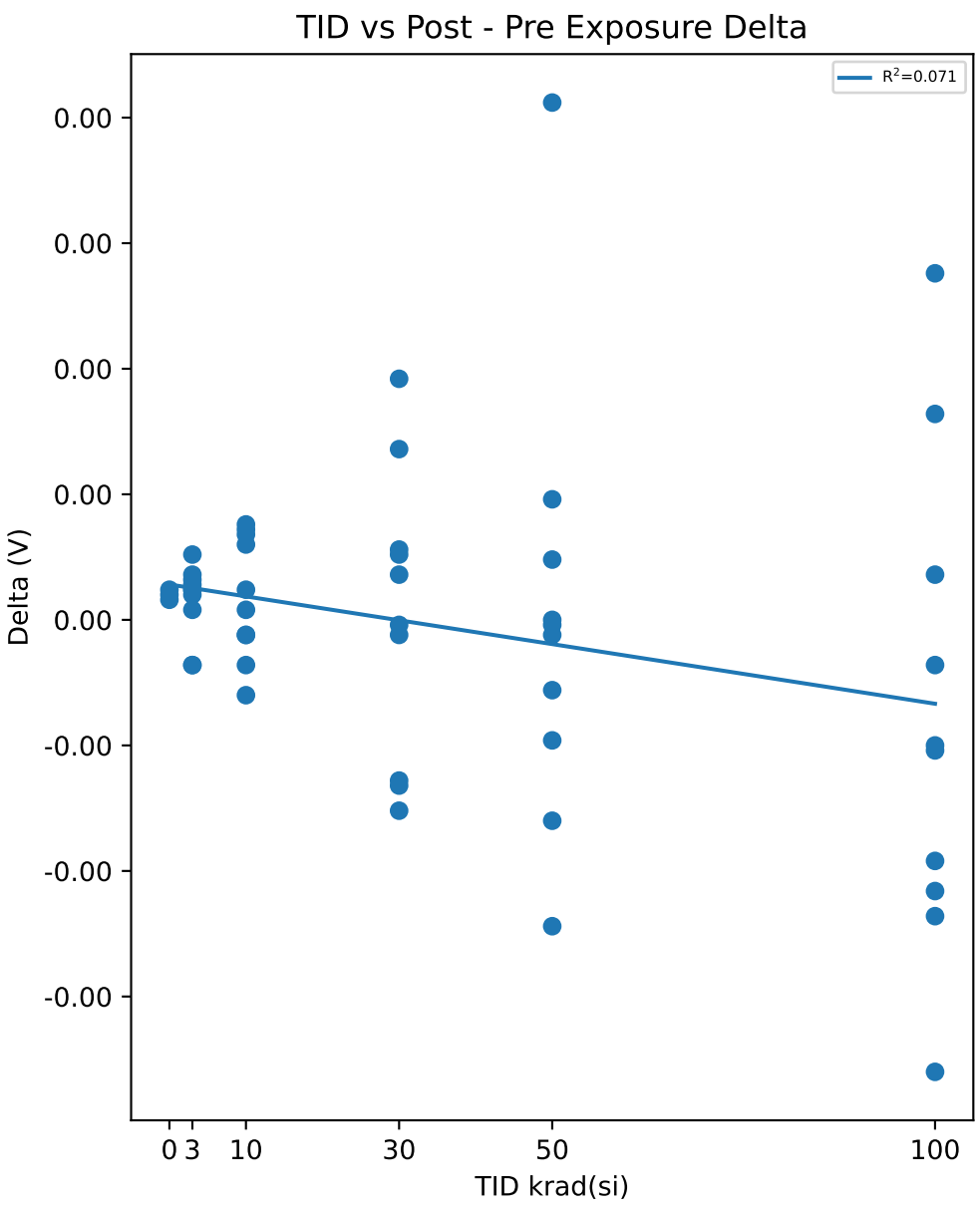
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1721	-0.5274	-0.6995
2	3	HDR BIAS	-0.582	-0.5701	0.0119
3	3	HDR BIAS	-0.4892	-0.4229	0.0663
4	3	HDR BIAS	-0.1182	-0.3682	-0.25
5	3	HDR BIAS	-0.6225	-0.1924	0.4301
6	3	HDR UNBIAS	-0.4892	-0.4074	0.0818
7	3	HDR UNBIAS	0.0784	-0.5648	-0.6432
8	3	HDR UNBIAS	-0.6194	-0.5202	0.0992
9	3	HDR UNBIAS	-0.5392	-0.4198	0.1194
10	3	HDR UNBIAS	-0.0589	-0.362	-0.3031
11	10	HDR BIAS	-0.5913	-0.2861	0.3052
12	10	HDR BIAS	-0.5298	-0.4447	0.0851
13	10	HDR BIAS	-0.1494	-0.4181	-0.2687
14	10	HDR BIAS	-0.5976	-0.3173	0.2803
15	10	HDR BIAS	-0.4986	-0.3762	0.1224
16	10	HDR UNBIAS	0.1534	-0.3027	-0.4561
17	10	HDR UNBIAS	-0.5851	-0.3173	0.2678
18	10	HDR UNBIAS	-0.4611	-0.4136	0.0475
19	10	HDR UNBIAS	-0.2587	-0.518	-0.2593
20	10	HDR UNBIAS	-0.6787	-0.4796	0.1991
31	30	HDR BIAS	0.3843	-0.3245	-0.7088
32	30	HDR BIAS	-0.5663	-0.233	0.3333
33	30	HDR BIAS	-0.5985	-0.3109	0.2876
34	30	HDR BIAS	0.3843	-0.4119	-0.7962
35	30	HDR BIAS	-0.4821	-0.2892	0.1929
36	30	HDR UNBIAS	-0.5017	-0.4074	0.0943
37	30	HDR UNBIAS	-0.4553	-0.3401	0.1152
38	30	HDR UNBIAS	-0.7005	-0.2642	0.4363
39	30	HDR UNBIAS	-0.5048	-0.3264	0.1784
40	30	HDR UNBIAS	-0.1244	-0.4337	-0.3093
41	50	HDR BIAS	-0.5195	-0.2861	0.2334
42	50	HDR BIAS	-0.4705	-0.2891	0.1814
43	50	HDR BIAS	0.4499	-0.5742	-1.0241
44	50	HDR BIAS	-0.2887	-0.4671	-0.1784
45	50	HDR BIAS	-0.3862	-0.479	-0.0928
46	50	HDR UNBIAS	0.0847	-0.2808	-0.3655
47	50	HDR UNBIAS	-0.6256	-0.1238	0.5018
48	50	HDR UNBIAS	-0.5298	-0.3887	0.1411
49	50	HDR UNBIAS	0.1253	-0.4119	-0.5372
50	50	HDR UNBIAS	-0.6506	-0.2143	0.4363
51	100	HDR BIAS	-0.5485	-0.4479	0.1006
52	100	HDR BIAS	-0.3492	-0.4337	-0.0845
53	100	HDR BIAS	-0.6662	-0.4858	0.1804
54	100	HDR BIAS	-0.4923	-0.3327	0.1596
55	100	HDR BIAS	-0.112	-0.3994	-0.2874
56	100	HDR UNBIAS	-0.5195	-0.2299	0.2896
57	100	HDR UNBIAS	-0.4674	-0.37	0.0974
58	100	HDR UNBIAS	-0.0464	-0.2964	-0.25
59	100	HDR UNBIAS	-0.5539	-0.0894	0.4645
60	100	HDR UNBIAS	-0.4455	-0.3358	0.1097
71	0	CORRELATION	-0.6974	-0.2527	0.4447
72	0	CORRELATION	-0.4736	-0.0832	0.3904
73	0	CORRELATION	0.0254	-0.398	-0.4234

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	-0.6974	-0.38187	0.0254	0.37003	-0.398	-0.24463	-0.0832	0.15755	-0.4234	0.13723	0.4447	0.48628
3	-0.6225	-0.32681	0.1721	0.30991	-0.5701	-0.43552	-0.1924	0.1158	-0.6995	-0.10871	0.4301	0.35894
10	-0.6787	-0.41969	0.1534	0.25885	-0.518	-0.38736	-0.2861	0.080179	-0.4561	0.03233	0.3052	0.26762
30	-0.7005	-0.3165	0.3843	0.39791	-0.4337	-0.33413	-0.233	0.065992	-0.7962	-0.01763	0.4363	0.43516
50	-0.6506	-0.2811	0.4499	0.3733	-0.5742	-0.3515	-0.1238	0.13666	-1.0241	-0.0704	0.5018	0.47273
100	-0.6662	-0.42009	-0.0464	0.19792	-0.4858	-0.3421	-0.0894	0.11688	-0.2874	0.07799	0.4645	0.23111

Device Test: 19.25 VOLTAGE|VREF//4.5/4.5/0/0/4.5/100kHz//@VREF_25C





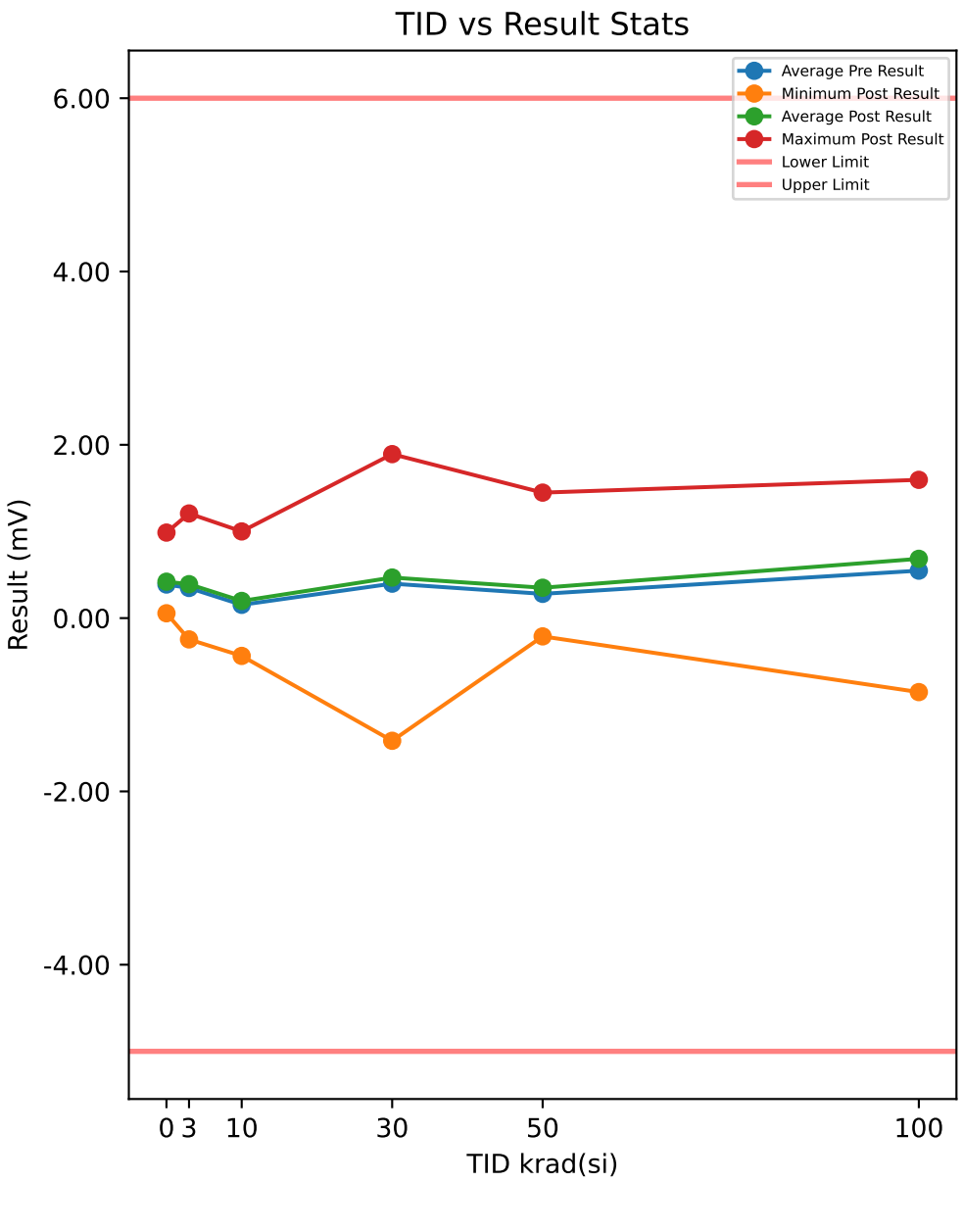
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

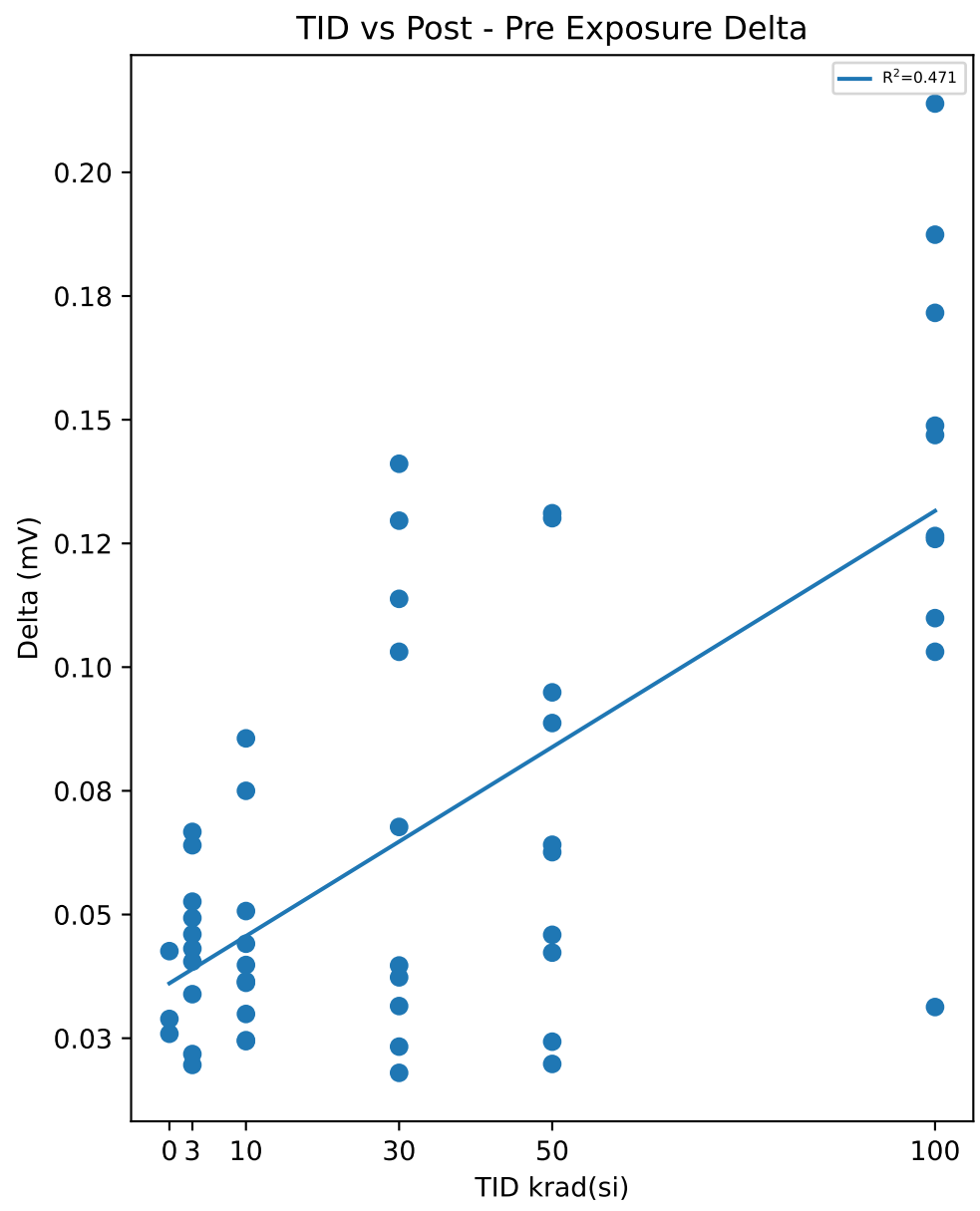
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59988	0.59993	5e-05
2	3	HDR BIAS	0.60016	0.60007	-9e-05
3	3	HDR BIAS	0.60024	0.6003	6e-05
4	3	HDR BIAS	0.60002	0.60011	9e-05
5	3	HDR BIAS	0.60013	0.6002	7e-05
6	3	HDR UNBIAS	0.60004	0.59995	-9e-05
7	3	HDR UNBIAS	0.60017	0.60023	6e-05
8	3	HDR UNBIAS	0.60027	0.6004	0.00013
9	3	HDR UNBIAS	0.59989	0.59997	8e-05
10	3	HDR UNBIAS	0.59975	0.59977	2e-05
11	10	HDR BIAS	0.60031	0.60049	0.00018
12	10	HDR BIAS	0.59988	0.59994	6e-05
13	10	HDR BIAS	0.60023	0.60038	0.00015
14	10	HDR BIAS	0.59955	0.59952	-3e-05
15	10	HDR BIAS	0.60013	0.59998	-0.00015
16	10	HDR UNBIAS	0.59996	0.60013	0.00017
17	10	HDR UNBIAS	0.5997	0.59961	-9e-05
18	10	HDR UNBIAS	0.60024	0.60043	0.00019
19	10	HDR UNBIAS	0.59983	0.5998	-3e-05
20	10	HDR UNBIAS	0.60012	0.60014	2e-05
31	30	HDR BIAS	0.59996	0.59963	-0.00033
32	30	HDR BIAS	0.60012	0.60025	0.00013
33	30	HDR BIAS	0.60008	0.59976	-0.00032
34	30	HDR BIAS	0.59971	0.59985	0.00014
35	30	HDR BIAS	0.59969	0.60017	0.00048
36	30	HDR UNBIAS	0.60009	0.60043	0.00034
37	30	HDR UNBIAS	0.59984	0.59981	-3e-05
38	30	HDR UNBIAS	0.60004	0.59966	-0.00038
39	30	HDR UNBIAS	0.59977	0.59986	9e-05
40	30	HDR UNBIAS	0.60026	0.60025	-1e-05
41	50	HDR BIAS	0.59986	0.59925	-0.00061
42	50	HDR BIAS	0.59987	0.59999	0.00012
43	50	HDR BIAS	0.59989	0.59988	-1e-05
44	50	HDR BIAS	0.59955	0.59915	-0.0004
45	50	HDR BIAS	0.60002	0.59999	-3e-05
46	50	HDR UNBIAS	0.59994	0.60097	0.00103
47	50	HDR UNBIAS	0.60006	0.60006	0
48	50	HDR UNBIAS	0.60012	0.59988	-0.00024
49	50	HDR UNBIAS	0.60021	0.60007	-0.00014
50	50	HDR UNBIAS	0.59975	0.59999	0.00024
51	100	HDR BIAS	0.60032	0.60007	-0.00025
52	100	HDR BIAS	0.59965	0.59906	-0.00059
53	100	HDR BIAS	0.60028	0.59938	-0.0009
54	100	HDR BIAS	0.59989	0.59963	-0.00026
55	100	HDR BIAS	0.59977	0.59929	-0.00048
56	100	HDR UNBIAS	0.60027	0.60068	0.00041
57	100	HDR UNBIAS	0.59982	0.59973	-9e-05
58	100	HDR UNBIAS	0.59999	0.59945	-0.00054
59	100	HDR UNBIAS	0.60019	0.60028	9e-05
60	100	HDR UNBIAS	0.60032	0.60101	0.00069
71	0	CORRELATION	0.6004	0.60045	5e-05
72	0	CORRELATION	0.6002	0.60024	4e-05
73	0	CORRELATION	0.60008	0.60014	6e-05

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	0.60008	0.60023	0.6004	0.00016166	0.60014	0.60028	0.60045	0.00015822	4e-05	5e-05	6e-05	1e-05
3	0.59975	0.60006	0.60027	0.00017083	0.59977	0.60009	0.6004	0.00019282	-9e-05	3.8e-05	0.00013	7.3151e-05
10	0.59955	0.6	0.60031	0.00025277	0.59952	0.60004	0.60049	0.00033578	-0.00015	4.7e-05	0.00019	0.00012212
30	0.59969	0.59996	0.60026	0.00019409	0.59963	0.59997	0.60043	0.0002821	-0.00038	1.1e-05	0.00048	0.00028792
50	0.59955	0.59993	0.60021	0.00019044	0.59915	0.59992	0.60097	0.00049489	-0.00061	-4e-06	0.00103	0.00044008
100	0.59965	0.60005	0.60032	0.00025543	0.59906	0.59986	0.60101	0.00063671	-0.0009	-0.000192	0.00069	0.00048327

Device Test: 19.27 VOLTAGE|OFFSET//4.5/4.5/0/0/4.5/100kHz//@EA_OS





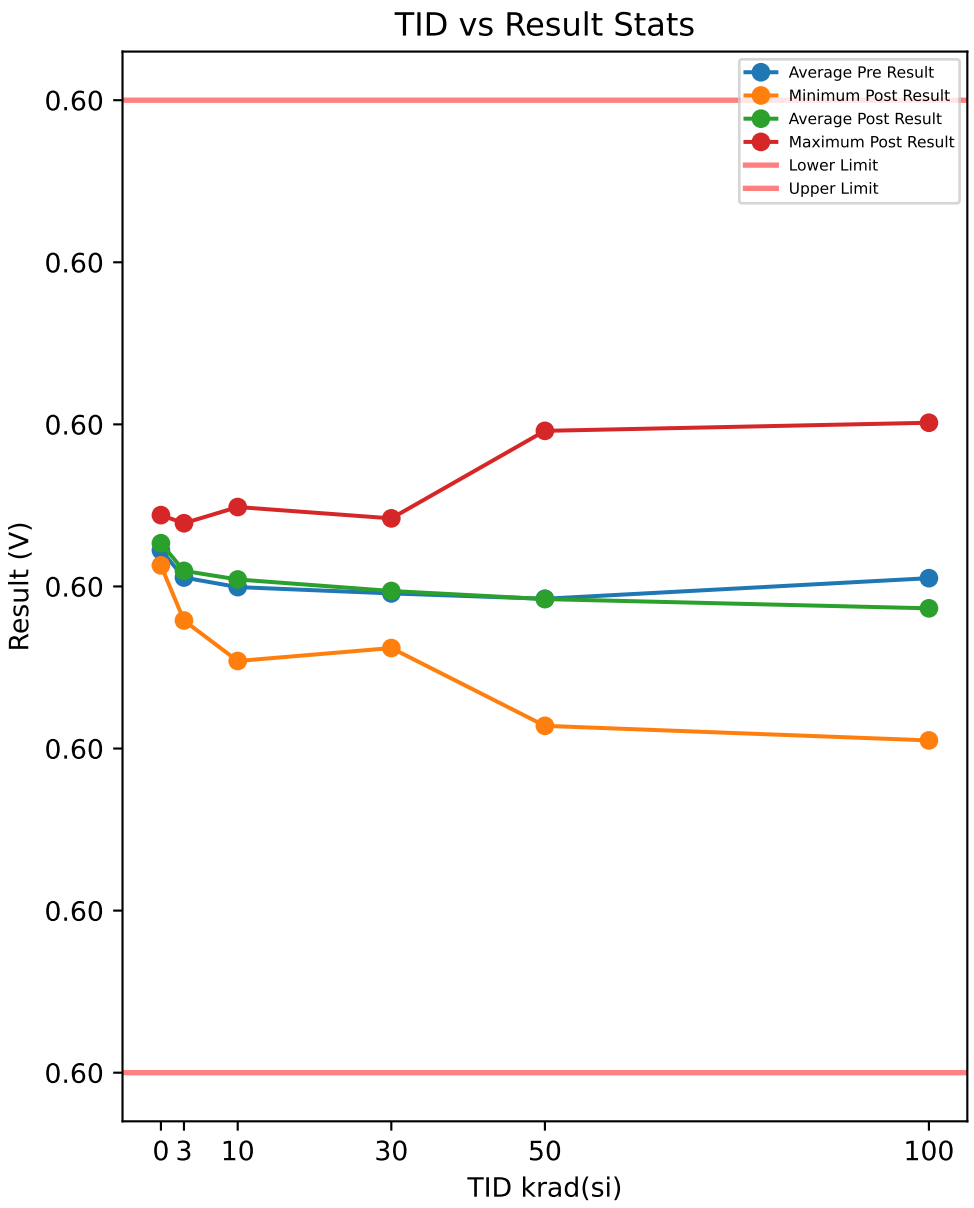
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

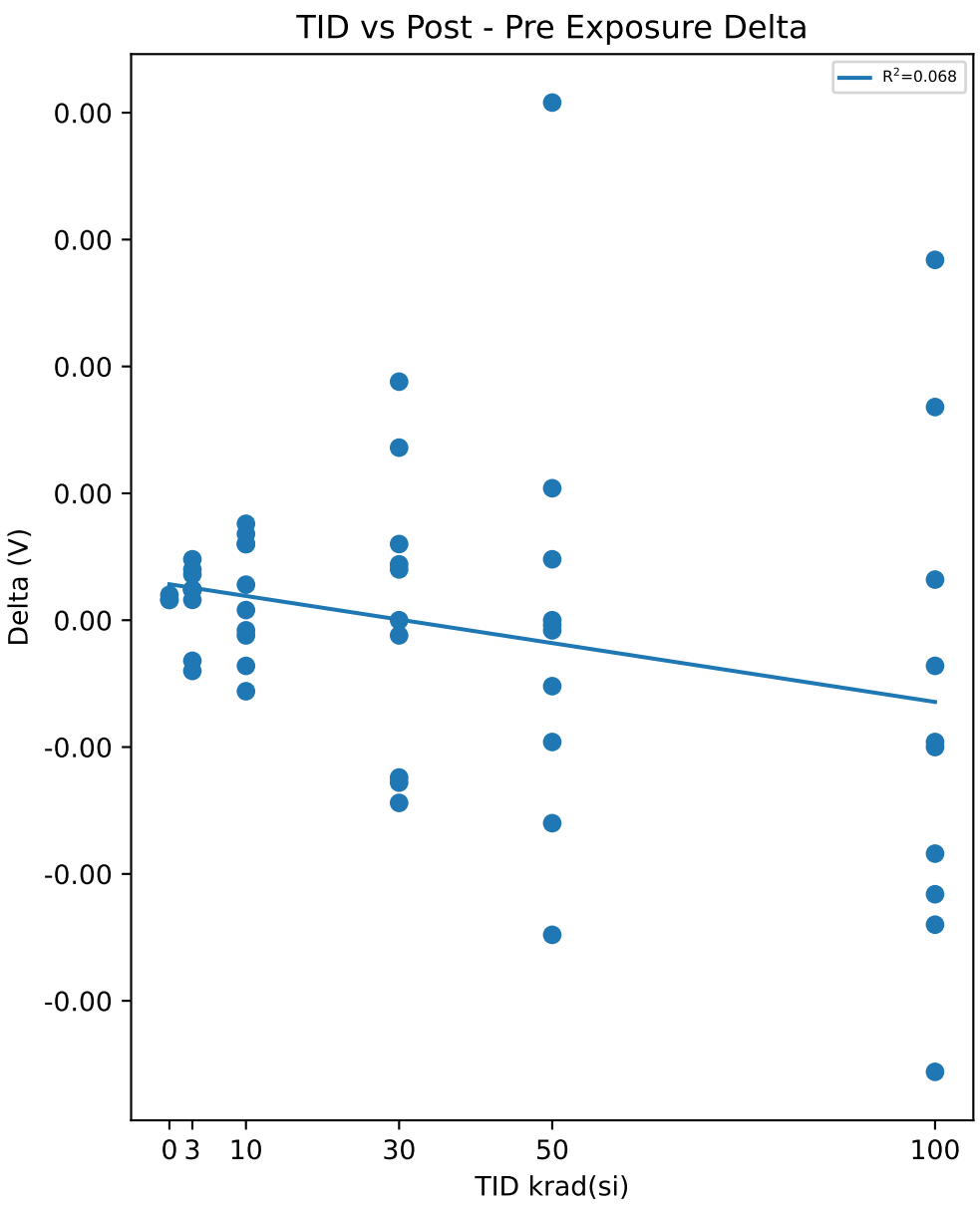
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.533	0.5997	0.0667
2	3	HDR BIAS	1.1582	1.2075	0.0493
3	3	HDR BIAS	-0.2095	-0.1899	0.0196
4	3	HDR BIAS	-0.1187	-0.0727	0.046
5	3	HDR BIAS	0.4459	0.5099	0.064
6	3	HDR UNBIAS	0.528	0.5685	0.0405
7	3	HDR UNBIAS	0.3869	0.4395	0.0526
8	3	HDR UNBIAS	-0.2675	-0.2457	0.0218
9	3	HDR UNBIAS	0.4348	0.4687	0.0339
10	3	HDR UNBIAS	0.5878	0.6309	0.0431
11	10	HDR BIAS	-0.4725	-0.4363	0.0362
12	10	HDR BIAS	0.1676	0.2074	0.0398
13	10	HDR BIAS	0.0917	0.1773	0.0856
14	10	HDR BIAS	0.3137	0.3644	0.0507
15	10	HDR BIAS	0.6342	0.6588	0.0246
16	10	HDR UNBIAS	0.9253	1.0003	0.075
17	10	HDR UNBIAS	-0.3877	-0.3512	0.0365
18	10	HDR UNBIAS	-0.0005	0.0436	0.0441
19	10	HDR UNBIAS	0.5086	0.533	0.0244
20	10	HDR UNBIAS	-0.2466	-0.2167	0.0299
31	30	HDR BIAS	-0.7641	-0.7268	0.0373
32	30	HDR BIAS	0.22	0.3611	0.1411
33	30	HDR BIAS	1.4955	1.5135	0.018
34	30	HDR BIAS	0.8563	0.9701	0.1138
35	30	HDR BIAS	0.5085	0.5762	0.0677
36	30	HDR UNBIAS	1.8692	1.8925	0.0233
37	30	HDR UNBIAS	-1.5453	-1.4157	0.1296
38	30	HDR UNBIAS	1.2549	1.2946	0.0397
39	30	HDR UNBIAS	-0.1156	-0.0841	0.0315
40	30	HDR UNBIAS	0.1965	0.2996	0.1031
41	50	HDR BIAS	0.2505	0.3131	0.0626
42	50	HDR BIAS	0.4856	0.5805	0.0949
43	50	HDR BIAS	-0.0104	0.0094	0.0198
44	50	HDR BIAS	-0.2532	-0.2109	0.0423
45	50	HDR BIAS	1.4239	1.4482	0.0243
46	50	HDR UNBIAS	0.6701	0.7588	0.0887
47	50	HDR UNBIAS	0.2582	0.3223	0.0641
48	50	HDR UNBIAS	-0.1342	-0.0883	0.0459
49	50	HDR UNBIAS	-0.2132	-0.0831	0.1301
50	50	HDR UNBIAS	0.3231	0.4542	0.1311
51	100	HDR BIAS	-1.0413	-0.8539	0.1874
52	100	HDR BIAS	0.7025	0.8494	0.1469
53	100	HDR BIAS	0.5442	0.6473	0.1031
54	100	HDR BIAS	0.3222	0.5361	0.2139
55	100	HDR BIAS	0.8358	1.0074	0.1716
56	100	HDR UNBIAS	1.2808	1.3121	0.0313
57	100	HDR UNBIAS	1.4692	1.5957	0.1265
58	100	HDR UNBIAS	1.4564	1.5663	0.1099
59	100	HDR UNBIAS	0.1442	0.2701	0.1259
60	100	HDR UNBIAS	-0.2361	-0.0873	0.1488
71	0	CORRELATION	0.9444	0.987	0.0426
72	0	CORRELATION	0.03	0.0559	0.0259
73	0	CORRELATION	0.1884	0.2173	0.0289

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	0.03	0.3876	0.9444	0.48866	0.0559	0.42007	0.987	0.49757	0.0259	0.032467	0.0426	0.008903
3	-0.2675	0.34789	1.1582	0.43546	-0.2457	0.39164	1.2075	0.44468	0.0196	0.04375	0.0667	0.01572
10	-0.4725	0.15338	0.9253	0.45352	-0.4363	0.19806	1.0003	0.45901	0.0244	0.04468	0.0856	0.020618
30	-1.5453	0.39759	1.8692	1.0429	-1.4157	0.4681	1.8925	1.0214	0.018	0.07051	0.1411	0.047115
50	-0.2532	0.28004	1.4239	0.50438	-0.2109	0.35042	1.4482	0.49995	0.0198	0.07038	0.1311	0.039944
100	-1.0413	0.54779	1.4692	0.79388	-0.8539	0.68432	1.5957	0.76672	0.0313	0.13653	0.2139	0.050745

Device Test: 19.28 VOLTAGE|VREF//5/5/0/0/5/100kHz//@VREF_25C





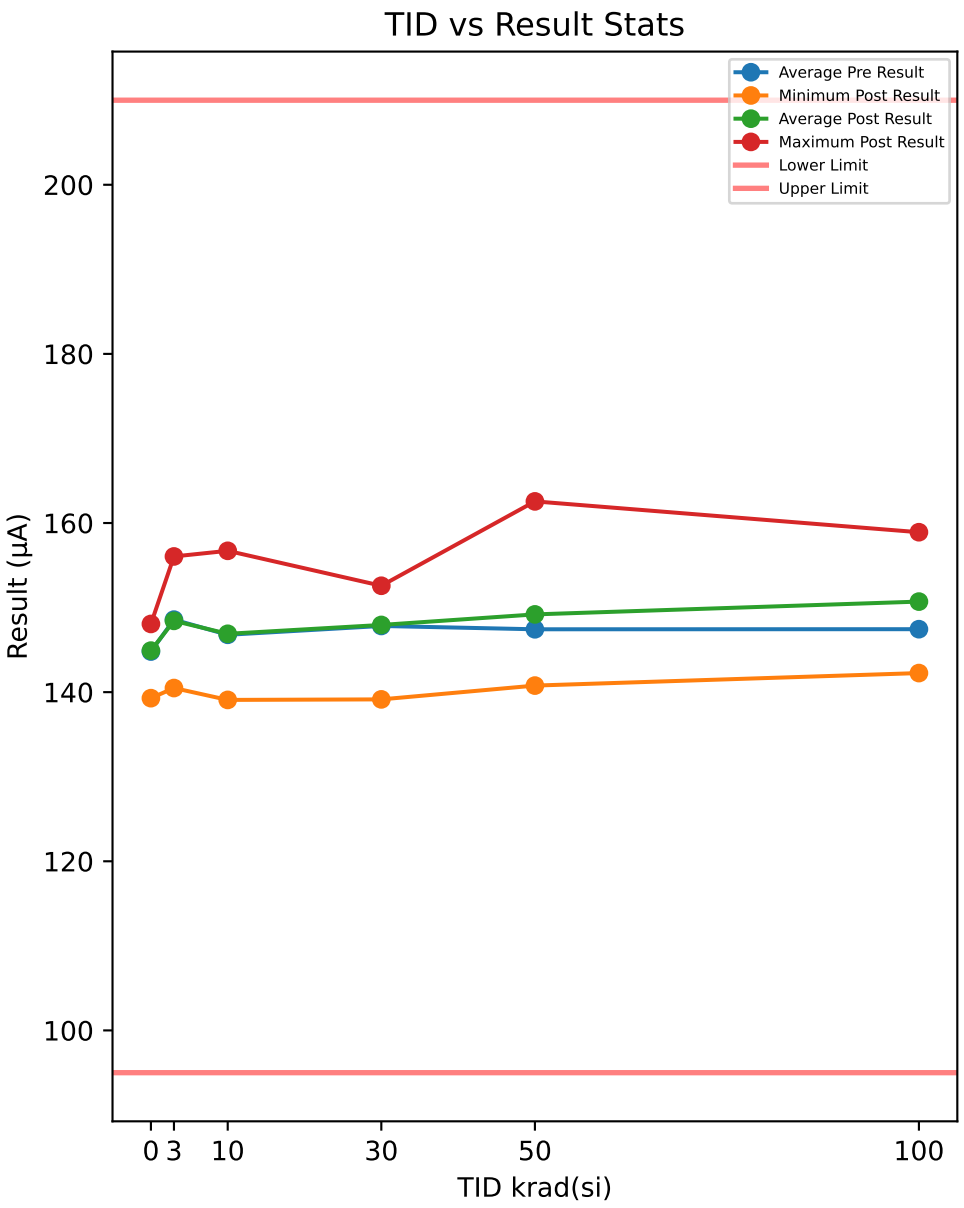
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

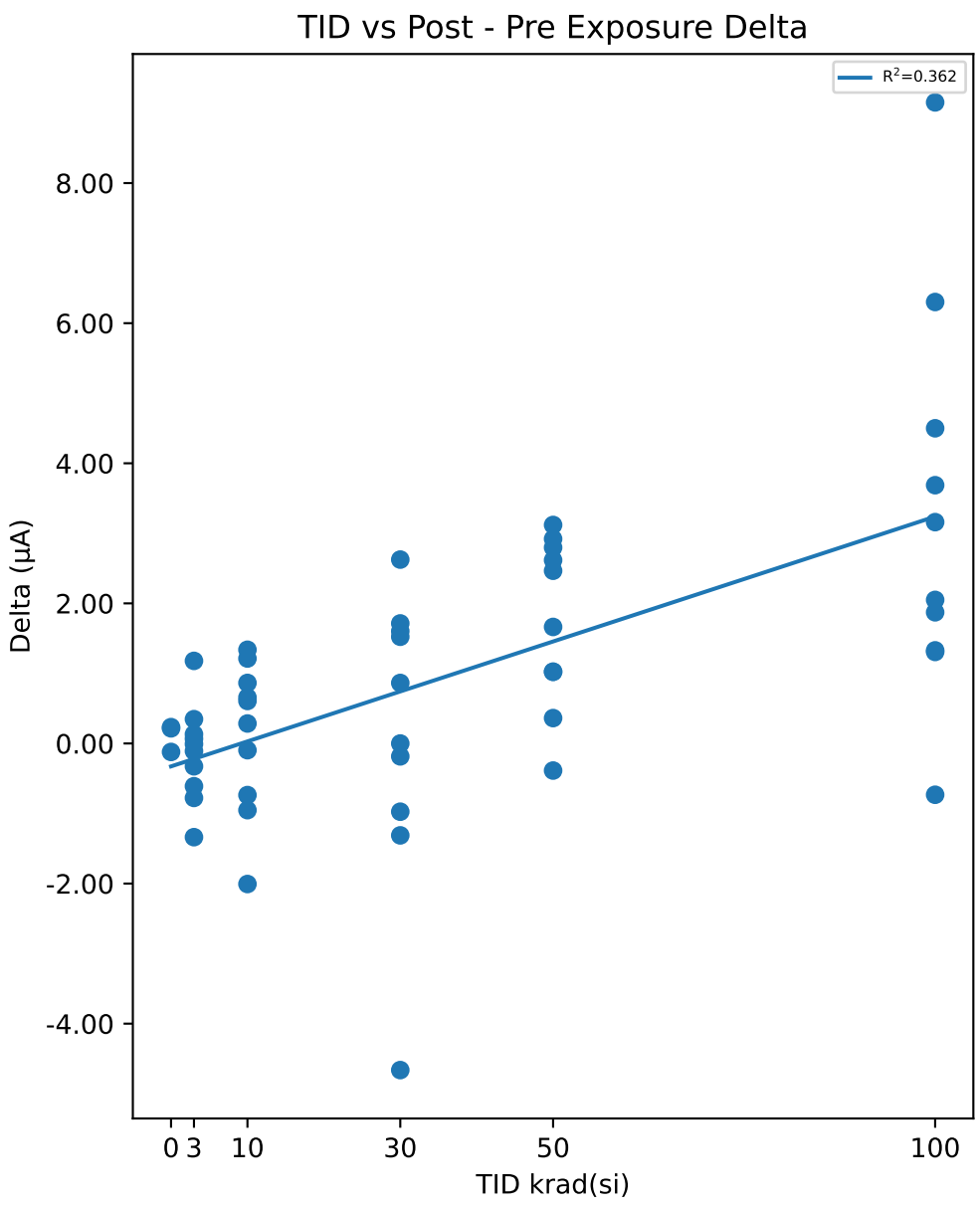
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59988	0.59994	6e-05
2	3	HDR BIAS	0.60018	0.60008	-0.0001
3	3	HDR BIAS	0.60023	0.60029	6e-05
4	3	HDR BIAS	0.60001	0.60011	0.0001
5	3	HDR BIAS	0.60015	0.60021	6e-05
6	3	HDR UNBIAS	0.60004	0.59996	-8e-05
7	3	HDR UNBIAS	0.60016	0.60022	6e-05
8	3	HDR UNBIAS	0.60027	0.60039	0.00012
9	3	HDR UNBIAS	0.59988	0.59997	9e-05
10	3	HDR UNBIAS	0.59975	0.59979	4e-05
11	10	HDR BIAS	0.60032	0.60049	0.00017
12	10	HDR BIAS	0.59987	0.59994	7e-05
13	10	HDR BIAS	0.60022	0.60037	0.00015
14	10	HDR BIAS	0.59957	0.59954	-3e-05
15	10	HDR BIAS	0.60012	0.59998	-0.00014
16	10	HDR UNBIAS	0.59997	0.60012	0.00015
17	10	HDR UNBIAS	0.5997	0.59961	-9e-05
18	10	HDR UNBIAS	0.60025	0.60044	0.00019
19	10	HDR UNBIAS	0.59981	0.59979	-2e-05
20	10	HDR UNBIAS	0.60013	0.60015	2e-05
31	30	HDR BIAS	0.59994	0.59962	-0.00032
32	30	HDR BIAS	0.60014	0.60025	0.00011
33	30	HDR BIAS	0.60008	0.59977	-0.00031
34	30	HDR BIAS	0.59972	0.59987	0.00015
35	30	HDR BIAS	0.59971	0.60018	0.00047
36	30	HDR UNBIAS	0.60008	0.60042	0.00034
37	30	HDR UNBIAS	0.59985	0.59982	-3e-05
38	30	HDR UNBIAS	0.60005	0.59969	-0.00036
39	30	HDR UNBIAS	0.59976	0.59986	0.0001
40	30	HDR UNBIAS	0.60024	0.60024	0
41	50	HDR BIAS	0.59987	0.59925	-0.00062
42	50	HDR BIAS	0.59988	0.6	0.00012
43	50	HDR BIAS	0.59988	0.59987	-1e-05
44	50	HDR BIAS	0.59954	0.59914	-0.0004
45	50	HDR BIAS	0.60002	0.6	-2e-05
46	50	HDR UNBIAS	0.59994	0.60096	0.00102
47	50	HDR UNBIAS	0.60005	0.60005	0
48	50	HDR UNBIAS	0.60011	0.59987	-0.00024
49	50	HDR UNBIAS	0.60022	0.60009	-0.00013
50	50	HDR UNBIAS	0.59973	0.59999	0.00026
51	100	HDR BIAS	0.60032	0.60008	-0.00024
52	100	HDR BIAS	0.59965	0.59905	-0.0006
53	100	HDR BIAS	0.60027	0.59938	-0.00089
54	100	HDR BIAS	0.59991	0.59966	-0.00025
55	100	HDR BIAS	0.59977	0.59931	-0.00046
56	100	HDR UNBIAS	0.60027	0.60069	0.00042
57	100	HDR UNBIAS	0.59982	0.59973	-9e-05
58	100	HDR UNBIAS	0.60001	0.59947	-0.00054
59	100	HDR UNBIAS	0.60019	0.60027	8e-05
60	100	HDR UNBIAS	0.6003	0.60101	0.00071
71	0	CORRELATION	0.60039	0.60044	5e-05
72	0	CORRELATION	0.60019	0.60023	4e-05
73	0	CORRELATION	0.60009	0.60013	4e-05

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	0.60009	0.60022	0.60039	0.00015275	0.60013	0.60027	0.60044	0.00015822	4e-05	4.3333e-05	5e-05	5.7735e-06
3	0.59975	0.60006	0.60027	0.0001729	0.59979	0.6001	0.60039	0.00018416	-0.0001	4.1e-05	0.00012	7.3098e-05
10	0.59957	0.6	0.60032	0.00025238	0.59954	0.60004	0.60049	0.00033347	-0.00014	4.7e-05	0.00019	0.00011653
30	0.59971	0.59996	0.60024	0.00018862	0.59962	0.59997	0.60042	0.00027555	-0.00036	1.5e-05	0.00047	0.00028045
50	0.59954	0.59992	0.60022	0.0001942	0.59914	0.59992	0.60096	0.00049524	-0.00062	-2e-06	0.00102	0.00043992
100	0.59965	0.60005	0.60032	0.0002504	0.59905	0.59986	0.60101	0.0006347	-0.00089	-0.000186	0.00071	0.00048585

Device Test: 19.3 CURRENT|EA_SINK//4.5/4.5/0/0/4.5/500kHz//@EA_I_SINK





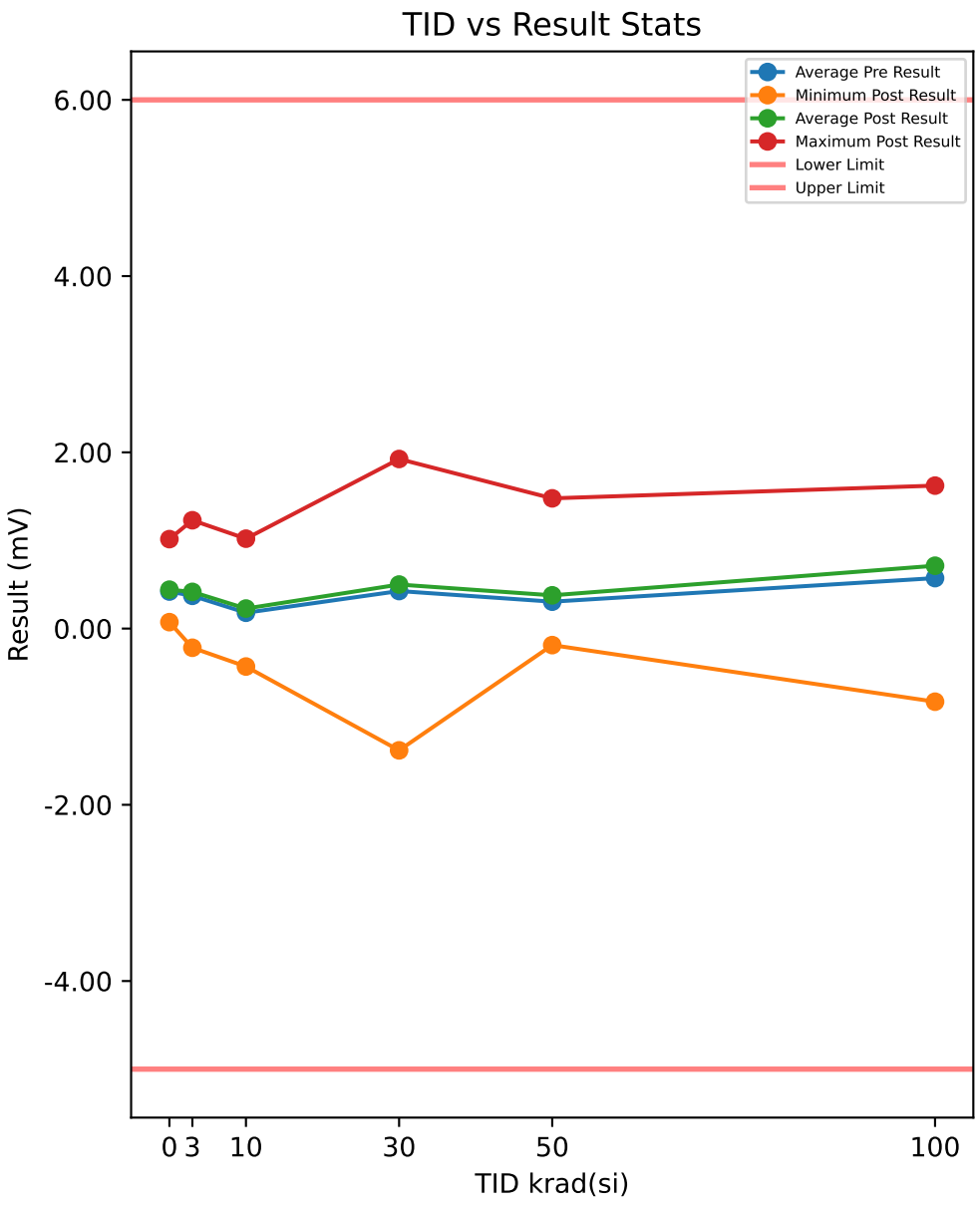
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	150.23	149.45	-0.7775
2	3	HDR BIAS	140.14	140.49	0.347
3	3	HDR BIAS	146.26	146.15	-0.1088
4	3	HDR BIAS	149.26	149.33	0.0679
5	3	HDR BIAS	146.64	145.31	-1.3377
6	3	HDR UNBIAS	156.37	156.05	-0.3262
7	3	HDR UNBIAS	149.57	149.7	0.1318
8	3	HDR UNBIAS	149.57	149.56	-0.0076
9	3	HDR UNBIAS	144.47	145.65	1.179
10	3	HDR UNBIAS	153.24	152.63	-0.6105
11	10	HDR BIAS	146.3	147.51	1.2128
12	10	HDR BIAS	151.38	152.72	1.3378
13	10	HDR BIAS	147.04	147.69	0.6578
14	10	HDR BIAS	143.19	143.79	0.6066
15	10	HDR BIAS	142.77	143.64	0.8643
16	10	HDR UNBIAS	138.8	139.08	0.2851
17	10	HDR UNBIAS	149.79	148.83	-0.952
18	10	HDR UNBIAS	148.11	147.37	-0.7368
19	10	HDR UNBIAS	156.81	156.71	-0.0961
20	10	HDR UNBIAS	143.66	141.65	-2.0066
31	30	HDR BIAS	149.04	148.86	-0.1843
32	30	HDR BIAS	152.39	152.39	-0.0006
33	30	HDR BIAS	147.04	149.67	2.625
34	30	HDR BIAS	147.88	149.48	1.6034
35	30	HDR BIAS	153.56	152.58	-0.9742
36	30	HDR UNBIAS	146.07	147.78	1.7136
37	30	HDR UNBIAS	142.68	144.21	1.5235
38	30	HDR UNBIAS	145.29	146.16	0.8638
39	30	HDR UNBIAS	153.86	149.2	-4.6629
40	30	HDR UNBIAS	140.46	139.15	-1.3122
41	50	HDR BIAS	140.3	143.42	3.1193
42	50	HDR BIAS	152.1	153.12	1.0238
43	50	HDR BIAS	144.75	144.36	-0.3868
44	50	HDR BIAS	150.26	151.92	1.6635
45	50	HDR BIAS	145.47	145.84	0.3623
46	50	HDR UNBIAS	146.91	149.83	2.9201
47	50	HDR UNBIAS	146.2	147.23	1.0236
48	50	HDR UNBIAS	138.31	140.78	2.4656
49	50	HDR UNBIAS	159.94	162.56	2.6169
50	50	HDR UNBIAS	150.1	152.9	2.7971
51	100	HDR BIAS	151.88	153.19	1.3065
52	100	HDR BIAS	149.76	158.91	9.152
53	100	HDR BIAS	140.58	144.27	3.687
54	100	HDR BIAS	151.57	157.87	6.3023
55	100	HDR BIAS	150.51	151.84	1.3291
56	100	HDR UNBIAS	138	142.5	4.4996
57	100	HDR UNBIAS	152.79	154.66	1.8724
58	100	HDR UNBIAS	140.21	142.26	2.0497
59	100	HDR UNBIAS	149.47	148.74	-0.7323
60	100	HDR UNBIAS	149.68	152.84	3.1598
71	0	CORRELATION	147.15	147.38	0.2333
72	0	CORRELATION	139.41	139.29	-0.1212
73	0	CORRELATION	147.85	148.07	0.2159

Test Statistics (µA)

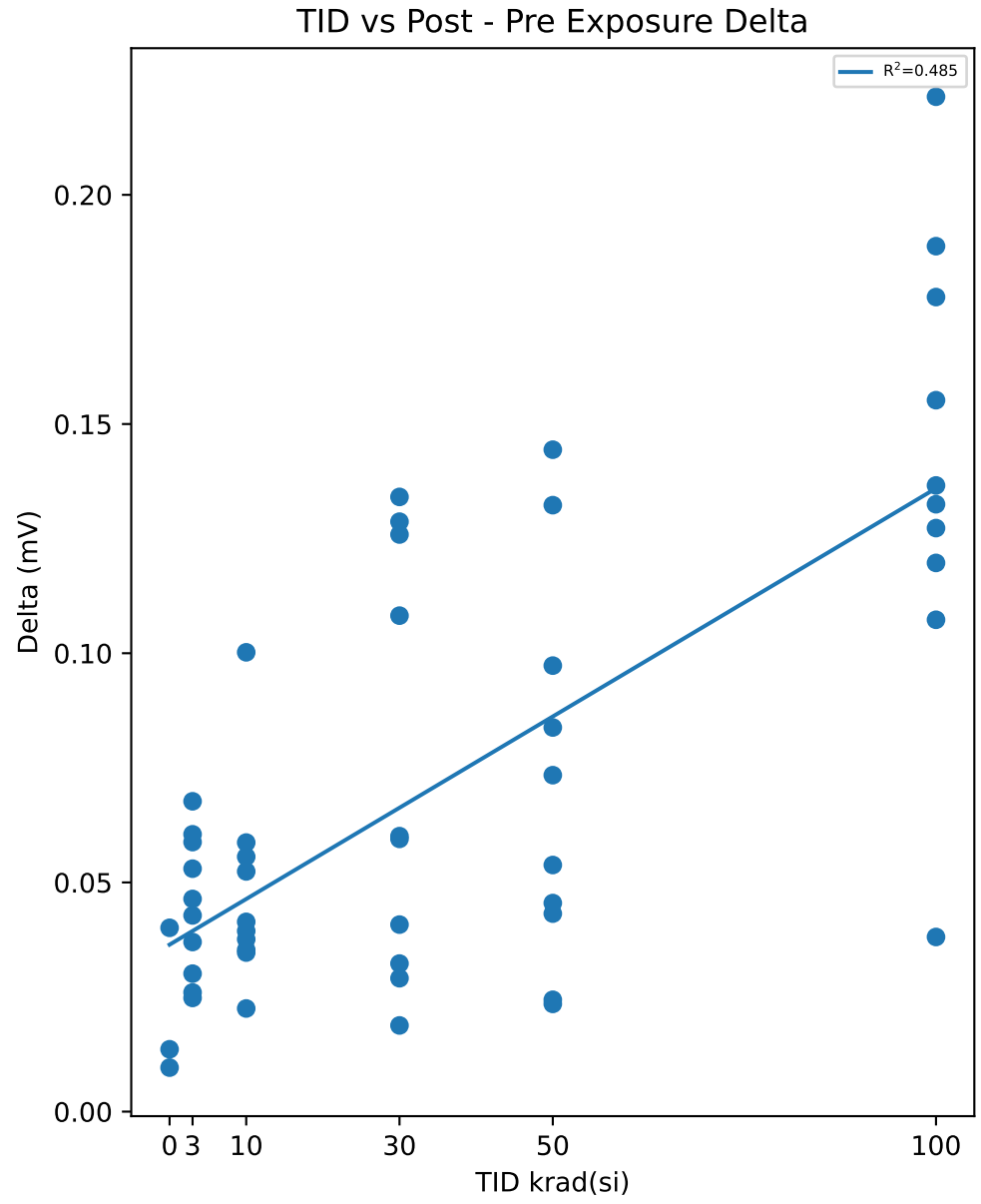
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.41	144.8	147.85	4.6827	139.29	144.91	148.07	4.8812	-0.1212	0.10933	0.2333	0.19984
3	140.14	148.57	156.37	4.5323	140.49	148.43	156.05	4.2974	-1.3377	-0.14426	1.179	0.68388
10	138.8	146.78	156.81	5.113	139.08	146.9	156.71	5.2075	-2.0066	0.11729	1.3378	1.0665
30	140.46	147.83	153.86	4.5026	139.15	147.95	152.58	3.9954	-4.6629	0.11951	2.625	2.1021
50	138.31	147.43	159.94	6.1493	140.78	149.19	162.56	6.3101	-0.3868	1.7605	3.1193	1.2091
100	138	147.45	152.79	5.5562	142.26	150.71	158.91	6.0589	-0.7323	3.2626	9.152	2.8397

Device Test: 19.30 VOLTAGE|OFFSET//5/5/0/0/5/100kHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

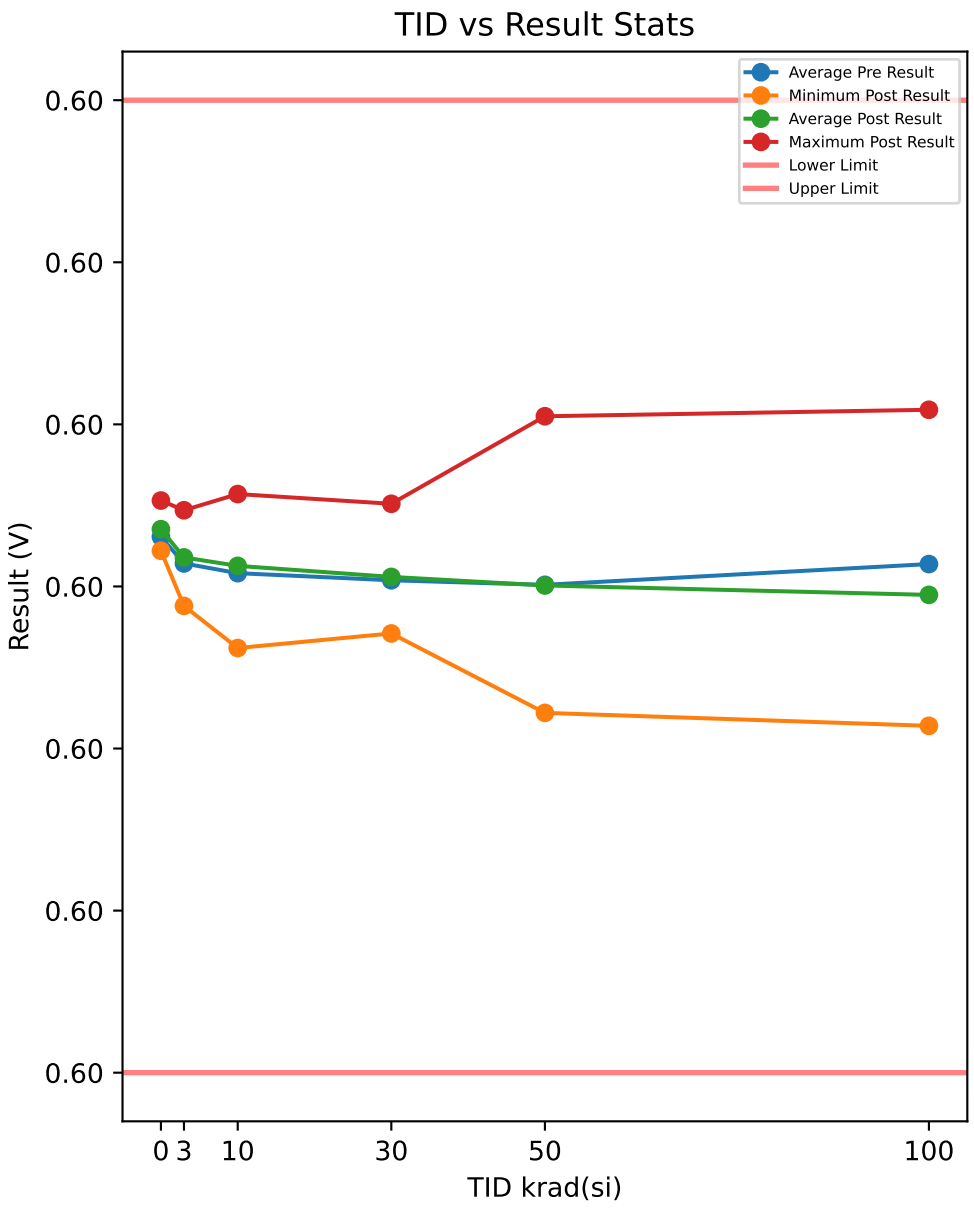
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5568	0.6245	0.0677
2	3	HDR BIAS	1.1828	1.2292	0.0464
3	3	HDR BIAS	-0.1864	-0.1563	0.0301
4	3	HDR BIAS	-0.1051	-0.0446	0.0605
5	3	HDR BIAS	0.4757	0.5185	0.0428
6	3	HDR UNBIAS	0.5552	0.5922	0.037
7	3	HDR UNBIAS	0.4114	0.4644	0.053
8	3	HDR UNBIAS	-0.2426	-0.2178	0.0248
9	3	HDR UNBIAS	0.4616	0.4876	0.026
10	3	HDR UNBIAS	0.6061	0.6649	0.0588
11	10	HDR BIAS	-0.4533	-0.4308	0.0225
12	10	HDR BIAS	0.1867	0.2281	0.0414
13	10	HDR BIAS	0.1104	0.2106	0.1002
14	10	HDR BIAS	0.3526	0.4082	0.0556
15	10	HDR BIAS	0.6575	0.6969	0.0394
16	10	HDR UNBIAS	0.9614	1.0201	0.0587
17	10	HDR UNBIAS	-0.3641	-0.3265	0.0376
18	10	HDR UNBIAS	0.0293	0.0817	0.0524
19	10	HDR UNBIAS	0.5313	0.5666	0.0353
20	10	HDR UNBIAS	-0.2175	-0.1828	0.0347
31	30	HDR BIAS	-0.7356	-0.6948	0.0408
32	30	HDR BIAS	0.2487	0.3774	0.1287
33	30	HDR BIAS	1.5116	1.5439	0.0323
34	30	HDR BIAS	0.8918	1.0177	0.1259
35	30	HDR BIAS	0.5468	0.6063	0.0595
36	30	HDR UNBIAS	1.8954	1.9245	0.0291
37	30	HDR UNBIAS	-1.5164	-1.3823	0.1341
38	30	HDR UNBIAS	1.2763	1.3364	0.0601
39	30	HDR UNBIAS	-0.0777	-0.0589	0.0188
40	30	HDR UNBIAS	0.2178	0.326	0.1082
41	50	HDR BIAS	0.2746	0.3284	0.0538
42	50	HDR BIAS	0.5105	0.6078	0.0973
43	50	HDR BIAS	0.0244	0.0479	0.0235
44	50	HDR BIAS	-0.2332	-0.1877	0.0455
45	50	HDR BIAS	1.4534	1.4778	0.0244
46	50	HDR UNBIAS	0.6951	0.7789	0.0838
47	50	HDR UNBIAS	0.2779	0.3513	0.0734
48	50	HDR UNBIAS	-0.109	-0.0658	0.0432
49	50	HDR UNBIAS	-0.1846	-0.0523	0.1323
50	50	HDR UNBIAS	0.3427	0.4871	0.1444
51	100	HDR BIAS	-1.0188	-0.83	0.1888
52	100	HDR BIAS	0.7326	0.8692	0.1366
53	100	HDR BIAS	0.5653	0.685	0.1197
54	100	HDR BIAS	0.3492	0.5706	0.2214
55	100	HDR BIAS	0.8619	1.0396	0.1777
56	100	HDR UNBIAS	1.3024	1.3405	0.0381
57	100	HDR UNBIAS	1.4949	1.6222	0.1273
58	100	HDR UNBIAS	1.4841	1.5914	0.1073
59	100	HDR UNBIAS	0.1695	0.302	0.1325
60	100	HDR UNBIAS	-0.2139	-0.0587	0.1552
71	0	CORRELATION	0.9749	1.015	0.0401
72	0	CORRELATION	0.0593	0.0729	0.0136
73	0	CORRELATION	0.2268	0.2364	0.0096

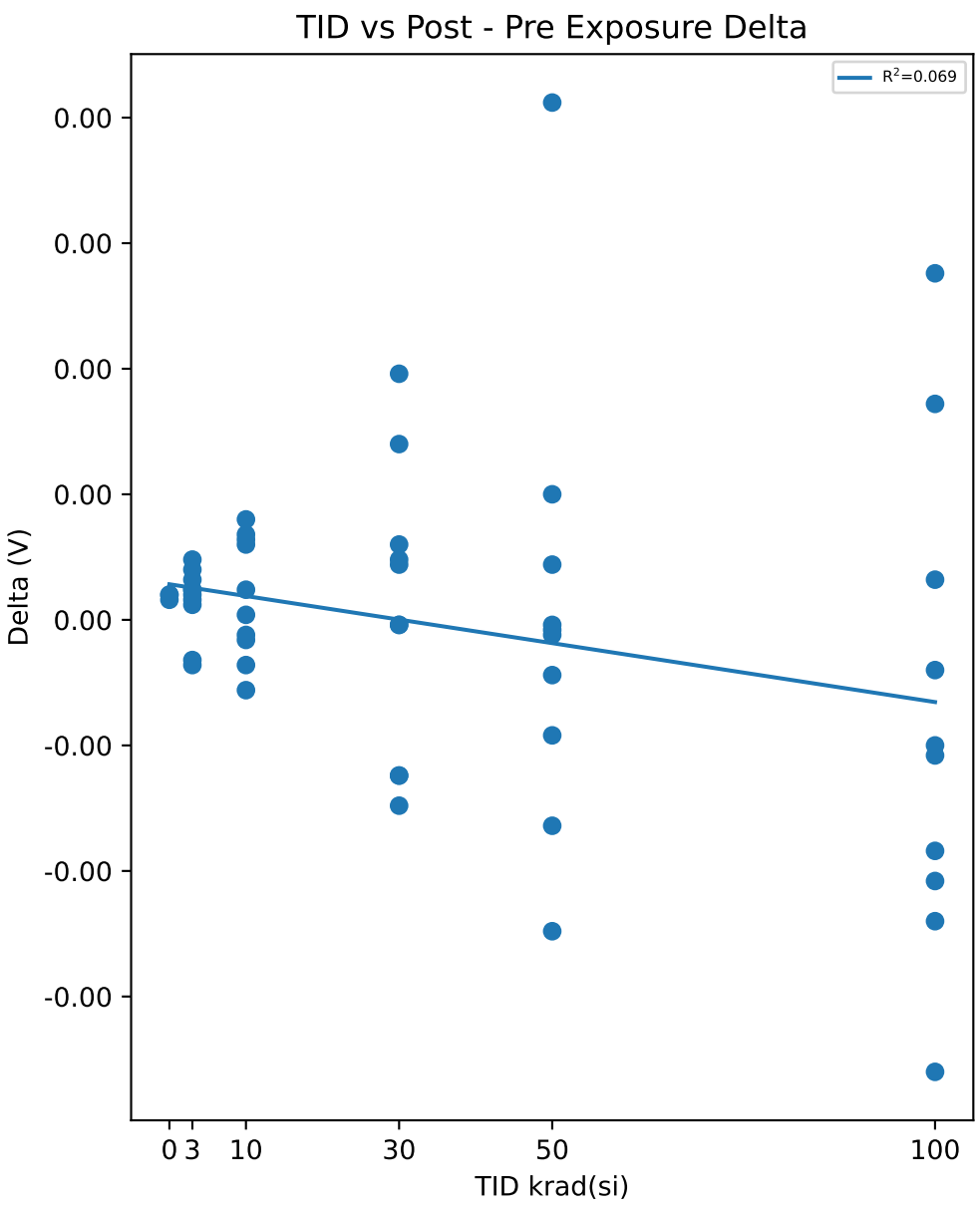


Test Statistics (mV)

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	0.0593	0.42033	0.9749	0.48752	0.0729	0.44143	1.015	0.50341	0.0096	0.0211	0.0401	0.016576
3	-0.2426	0.37155	1.1828	0.43683	-0.2178	0.41626	1.2292	0.44185	0.0248	0.04471	0.0677	0.015169
10	-0.4533	0.17943	0.9614	0.45638	-0.4308	0.22721	1.0201	0.46264	0.0225	0.04778	0.1002	0.021422
30	-1.5164	0.42587	1.8954	1.0405	-1.3823	0.49962	1.9245	1.0234	0.0188	0.07375	0.1341	0.045673
50	-0.2332	0.30518	1.4534	0.50506	-0.1877	0.37734	1.4778	0.49992	0.0235	0.07216	0.1444	0.042348
100	-1.0188	0.57272	1.4949	0.79491	-0.83	0.71318	1.6222	0.76662	0.0381	0.14046	0.2214	0.050279

Device Test: 19.31 VOLTAGE|VREF//12/12/0/0/5/100kHz//@VREF_25C





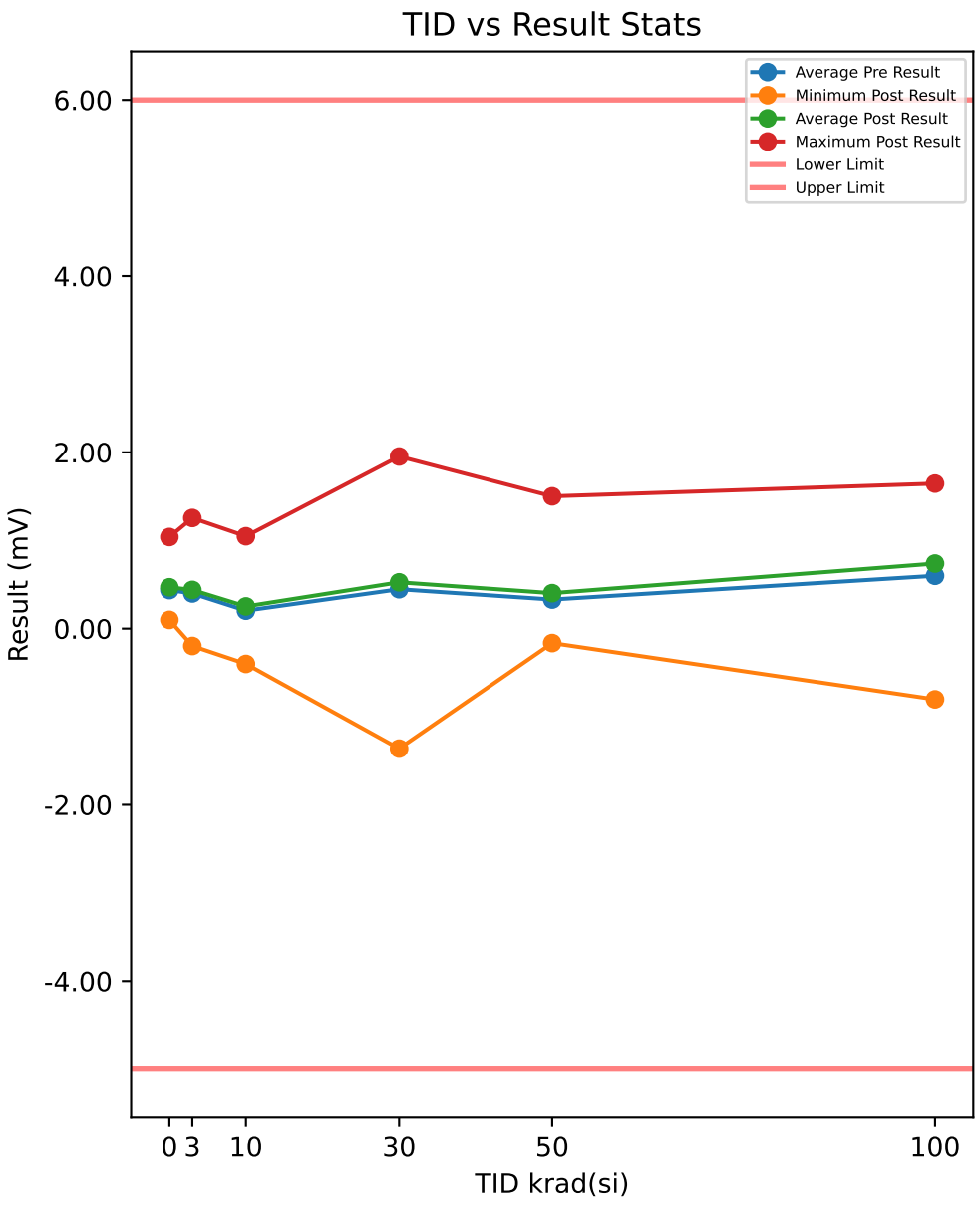
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59997	0.60001	4e-05
2	3	HDR BIAS	0.60026	0.60017	-9e-05
3	3	HDR BIAS	0.60032	0.60038	6e-05
4	3	HDR BIAS	0.6001	0.60018	8e-05
5	3	HDR BIAS	0.60024	0.6003	6e-05
6	3	HDR UNBIAS	0.60013	0.60005	-8e-05
7	3	HDR UNBIAS	0.60024	0.60029	5e-05
8	3	HDR UNBIAS	0.60035	0.60047	0.00012
9	3	HDR UNBIAS	0.59996	0.60006	0.0001
10	3	HDR UNBIAS	0.59985	0.59988	3e-05
11	10	HDR BIAS	0.6004	0.60057	0.00017
12	10	HDR BIAS	0.59997	0.60003	6e-05
13	10	HDR BIAS	0.6003	0.60046	0.00016
14	10	HDR BIAS	0.59966	0.59962	-4e-05
15	10	HDR BIAS	0.60021	0.60007	-0.00014
16	10	HDR UNBIAS	0.60005	0.6002	0.00015
17	10	HDR UNBIAS	0.59978	0.59969	-9e-05
18	10	HDR UNBIAS	0.60033	0.60053	0.0002
19	10	HDR UNBIAS	0.5999	0.59987	-3e-05
20	10	HDR UNBIAS	0.60022	0.60023	1e-05
31	30	HDR BIAS	0.60002	0.59971	-0.00031
32	30	HDR BIAS	0.60022	0.60034	0.00012
33	30	HDR BIAS	0.60017	0.59986	-0.00031
34	30	HDR BIAS	0.59981	0.59996	0.00015
35	30	HDR BIAS	0.59977	0.60026	0.00049
36	30	HDR UNBIAS	0.60016	0.60051	0.00035
37	30	HDR UNBIAS	0.59993	0.59992	-1e-05
38	30	HDR UNBIAS	0.60014	0.59977	-0.00037
39	30	HDR UNBIAS	0.59984	0.59995	0.00011
40	30	HDR UNBIAS	0.60032	0.60031	-1e-05
41	50	HDR BIAS	0.59995	0.59933	-0.00062
42	50	HDR BIAS	0.59996	0.60007	0.00011
43	50	HDR BIAS	0.59997	0.59995	-2e-05
44	50	HDR BIAS	0.59963	0.59922	-0.00041
45	50	HDR BIAS	0.60011	0.60008	-3e-05
46	50	HDR UNBIAS	0.60002	0.60105	0.00103
47	50	HDR UNBIAS	0.60014	0.60013	-1e-05
48	50	HDR UNBIAS	0.6002	0.59997	-0.00023
49	50	HDR UNBIAS	0.6003	0.60019	-0.00011
50	50	HDR UNBIAS	0.59982	0.60007	0.00025
51	100	HDR BIAS	0.60041	0.60016	-0.00025
52	100	HDR BIAS	0.59974	0.59914	-0.0006
53	100	HDR BIAS	0.60036	0.59946	-0.0009
54	100	HDR BIAS	0.60001	0.59974	-0.00027
55	100	HDR BIAS	0.59985	0.59939	-0.00046
56	100	HDR UNBIAS	0.60035	0.60078	0.00043
57	100	HDR UNBIAS	0.59991	0.59981	-0.0001
58	100	HDR UNBIAS	0.60008	0.59956	-0.00052
59	100	HDR UNBIAS	0.60027	0.60035	8e-05
60	100	HDR UNBIAS	0.6004	0.60109	0.00069
71	0	CORRELATION	0.60048	0.60053	5e-05
72	0	CORRELATION	0.60027	0.60031	4e-05
73	0	CORRELATION	0.60017	0.60022	5e-05

Test Statistics (V)

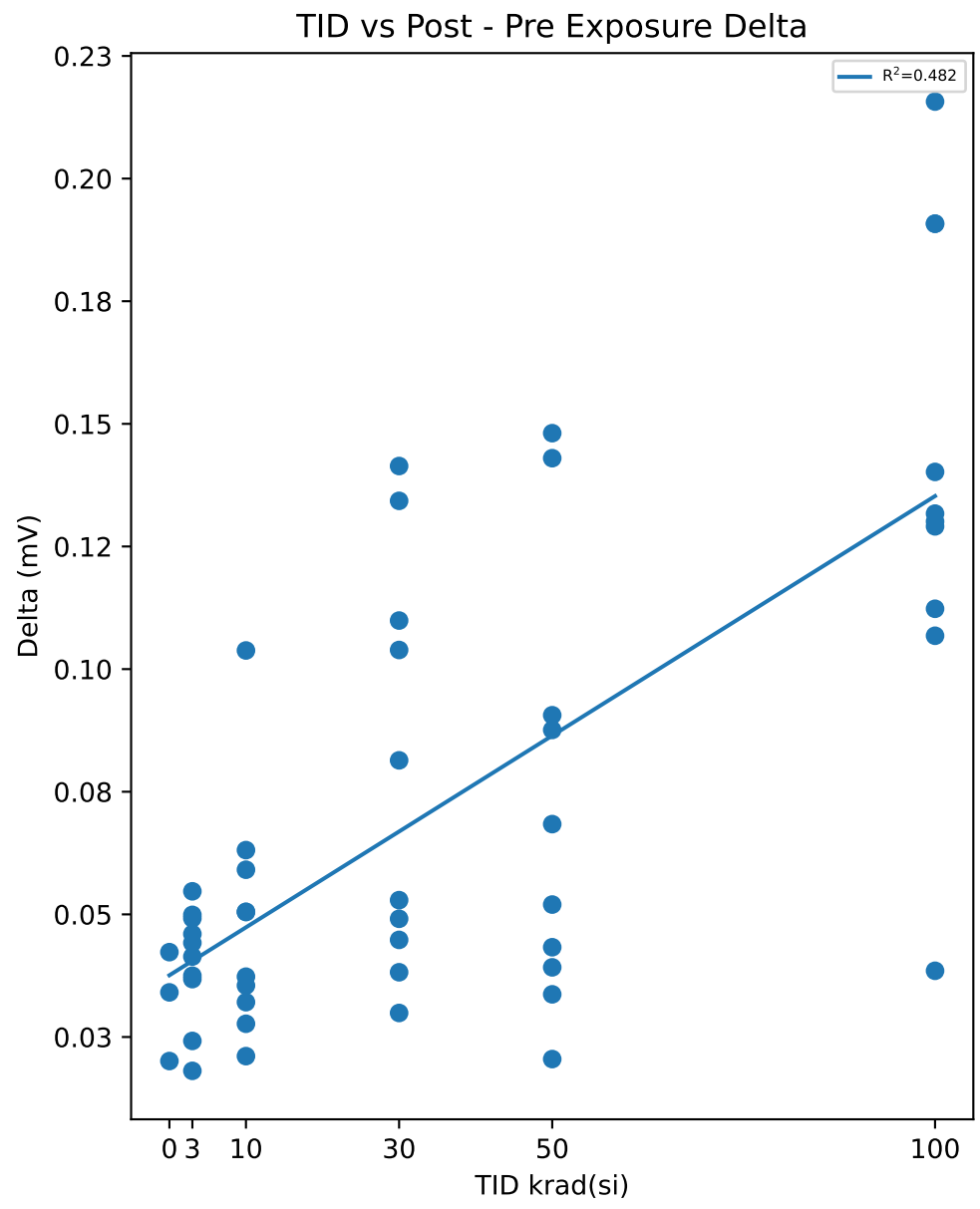
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.60017	0.60031	0.60048	0.00015822	0.60022	0.60035	0.60053	0.00015948	4e-05	4.6667e-05	5e-05	5.7735e-06
3	0.59985	0.60014	0.60035	0.0001693	0.59988	0.60018	0.60047	0.00018284	-9e-05	3.7e-05	0.00012	6.9769e-05
10	0.59966	0.60008	0.6004	0.00024979	0.59962	0.60013	0.60057	0.00033536	-0.00014	4.5e-05	0.0002	0.00012049
30	0.59977	0.60004	0.60032	0.00019159	0.59971	0.60006	0.60051	0.00027319	-0.00037	2.1e-05	0.00049	0.00028606
50	0.59963	0.60001	0.6003	0.00019305	0.59922	0.60001	0.60105	0.000498	-0.00062	-4e-06	0.00103	0.00044149
100	0.59974	0.60014	0.60041	0.00025108	0.59914	0.59995	0.60109	0.00063405	-0.0009	-0.00019	0.00069	0.00048348

Device Test: 19.33 VOLTAGE|OFFSET//12/12/0/0/5/100kHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

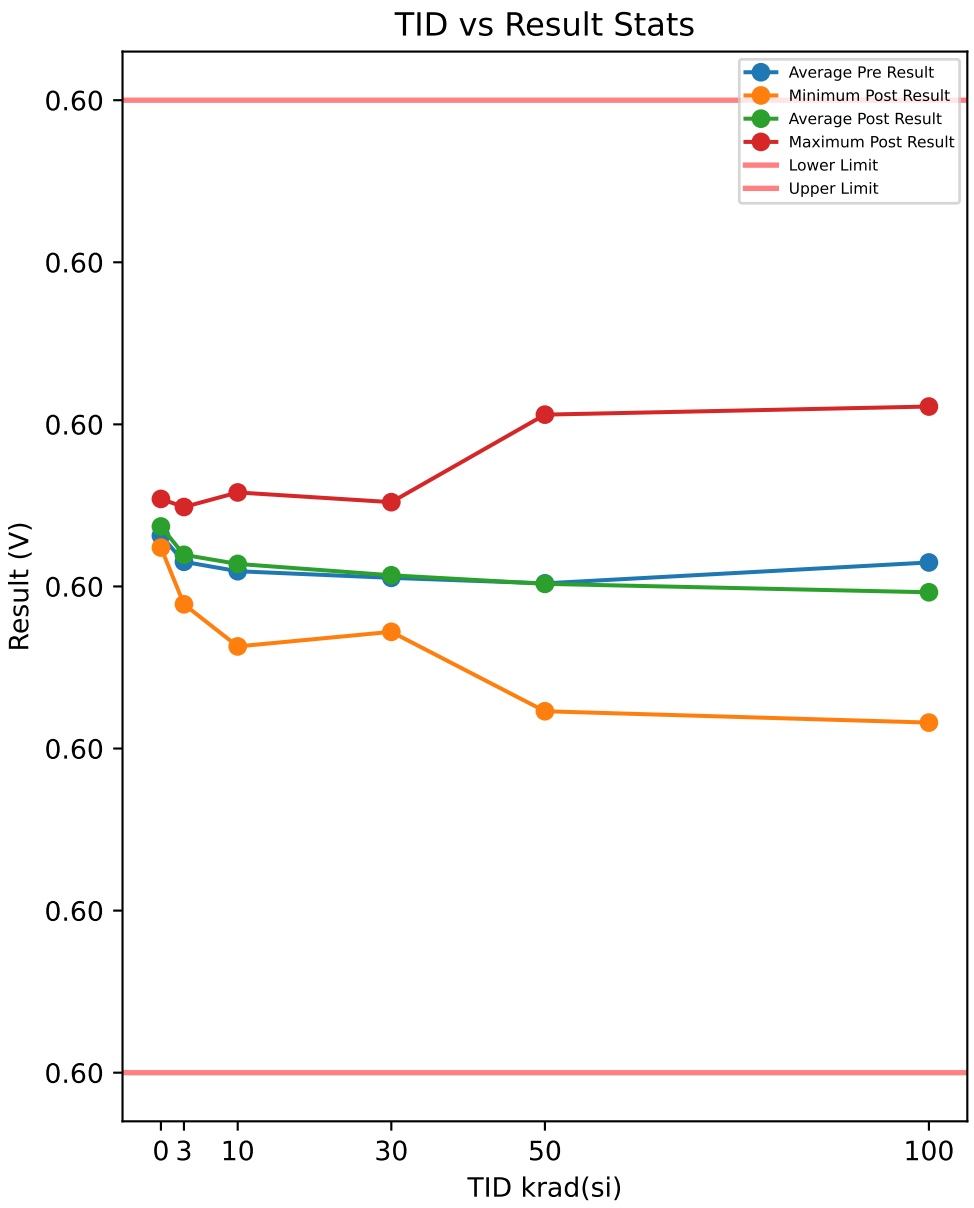
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5868	0.6367	0.0499
2	3	HDR BIAS	1.2056	1.2548	0.0492
3	3	HDR BIAS	-0.1618	-0.1376	0.0242
4	3	HDR BIAS	-0.078	-0.0338	0.0442
5	3	HDR BIAS	0.5071	0.5485	0.0414
6	3	HDR UNBIAS	0.5833	0.6201	0.0368
7	3	HDR UNBIAS	0.4358	0.4818	0.046
8	3	HDR UNBIAS	-0.2149	-0.1968	0.0181
9	3	HDR UNBIAS	0.4807	0.5182	0.0375
10	3	HDR UNBIAS	0.6377	0.6924	0.0547
11	10	HDR BIAS	-0.4379	-0.4006	0.0373
12	10	HDR BIAS	0.2177	0.2532	0.0355
13	10	HDR BIAS	0.1354	0.2392	0.1038
14	10	HDR BIAS	0.3747	0.4252	0.0505
15	10	HDR BIAS	0.688	0.7157	0.0277
16	10	HDR UNBIAS	0.9842	1.0473	0.0631
17	10	HDR UNBIAS	-0.3457	-0.2952	0.0505
18	10	HDR UNBIAS	0.0453	0.1044	0.0591
19	10	HDR UNBIAS	0.5586	0.5907	0.0321
20	10	HDR UNBIAS	-0.1897	-0.1686	0.0211
31	30	HDR BIAS	-0.7116	-0.6625	0.0491
32	30	HDR BIAS	0.2737	0.408	0.1343
33	30	HDR BIAS	1.5435	1.5734	0.0299
34	30	HDR BIAS	0.9285	1.0324	0.1039
35	30	HDR BIAS	0.5465	0.6279	0.0814
36	30	HDR UNBIAS	1.9145	1.9527	0.0382
37	30	HDR UNBIAS	-1.5035	-1.3621	0.1414
38	30	HDR UNBIAS	1.3004	1.3533	0.0529
39	30	HDR UNBIAS	-0.0758	-0.031	0.0448
40	30	HDR UNBIAS	0.2438	0.3537	0.1099
41	50	HDR BIAS	0.2954	0.3474	0.052
42	50	HDR BIAS	0.5329	0.6205	0.0876
43	50	HDR BIAS	0.0475	0.068	0.0205
44	50	HDR BIAS	-0.2029	-0.1637	0.0392
45	50	HDR BIAS	1.4668	1.5005	0.0337
46	50	HDR UNBIAS	0.7199	0.8105	0.0906
47	50	HDR UNBIAS	0.3082	0.3766	0.0684
48	50	HDR UNBIAS	-0.077	-0.0337	0.0433
49	50	HDR UNBIAS	-0.1695	-0.0214	0.1481
50	50	HDR UNBIAS	0.3681	0.5111	0.143
51	100	HDR BIAS	-0.9938	-0.803	0.1908
52	100	HDR BIAS	0.7679	0.8996	0.1317
53	100	HDR BIAS	0.5964	0.7032	0.1068
54	100	HDR BIAS	0.3781	0.5938	0.2157
55	100	HDR BIAS	0.8798	1.0706	0.1908
56	100	HDR UNBIAS	1.3195	1.358	0.0385
57	100	HDR UNBIAS	1.5149	1.645	0.1301
58	100	HDR UNBIAS	1.504	1.6163	0.1123
59	100	HDR UNBIAS	0.1978	0.3269	0.1291
60	100	HDR UNBIAS	-0.1775	-0.0373	0.1402
71	0	CORRELATION	0.9963	1.0386	0.0423
72	0	CORRELATION	0.0786	0.0987	0.0201
73	0	CORRELATION	0.2336	0.2677	0.0341

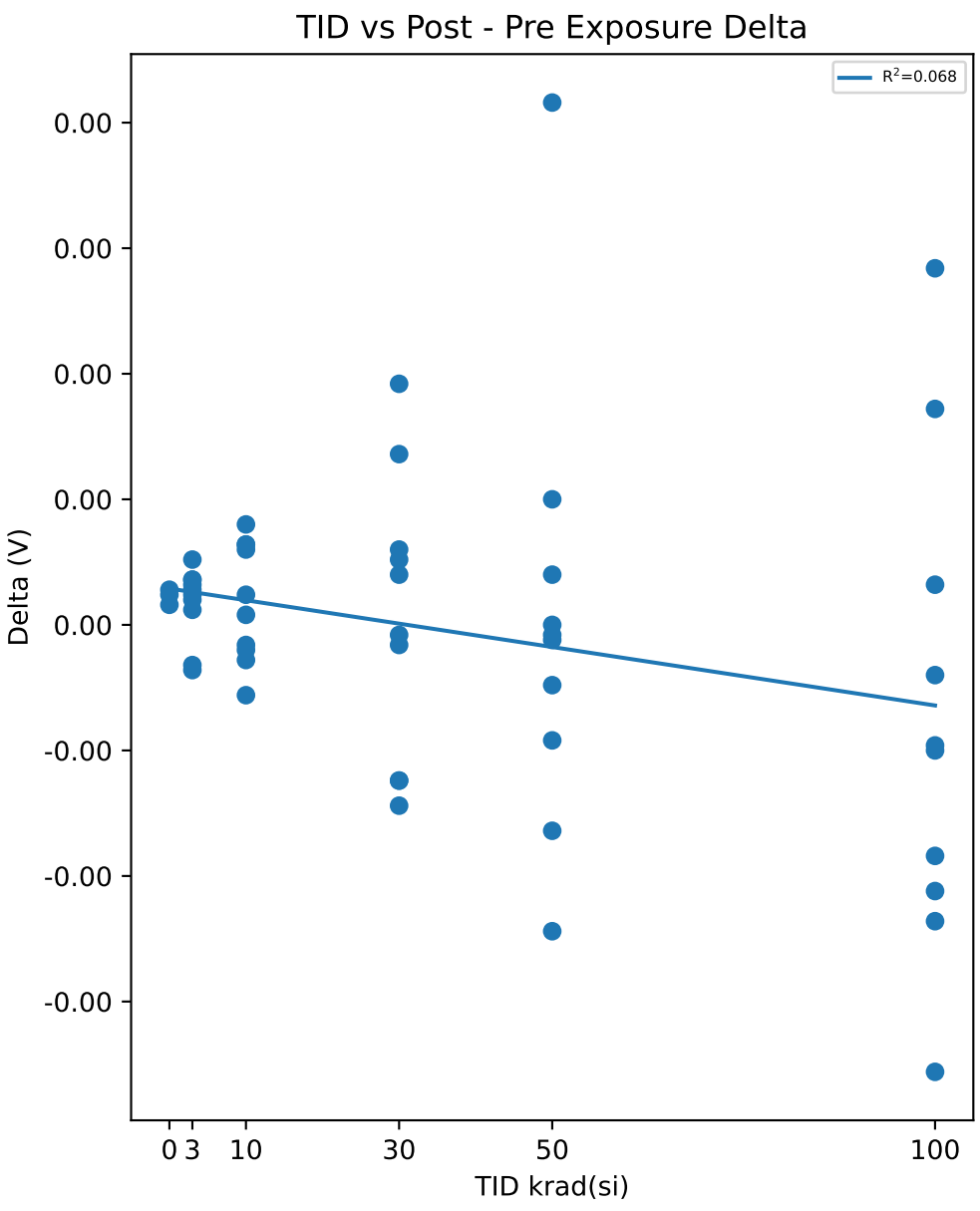


Test Statistics (mV)

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	0.0786	0.43617	0.9963	0.49124	0.0987	0.46833	1.0386	0.50104	0.0201	0.032167	0.0423	0.011226
3	-0.2149	0.39823	1.2056	0.43658	-0.1968	0.43843	1.2548	0.44497	0.0181	0.0402	0.0547	0.011545
10	-0.4379	0.20306	0.9842	0.45912	-0.4006	0.25113	1.0473	0.46145	0.0211	0.04807	0.1038	0.02389
30	-1.5035	0.446	1.9145	1.0444	-1.3621	0.52458	1.9527	1.0228	0.0299	0.07858	0.1414	0.0413
50	-0.2029	0.32894	1.4668	0.50195	-0.1637	0.40158	1.5005	0.49861	0.0205	0.07264	0.1481	0.044533
100	-0.9938	0.59871	1.5149	0.79121	-0.803	0.73731	1.645	0.76608	0.0385	0.1386	0.2157	0.050914

Device Test: 19.34 VOLTAGE|VREF//14/14/0/0/5/100kHz//@VREF_25C





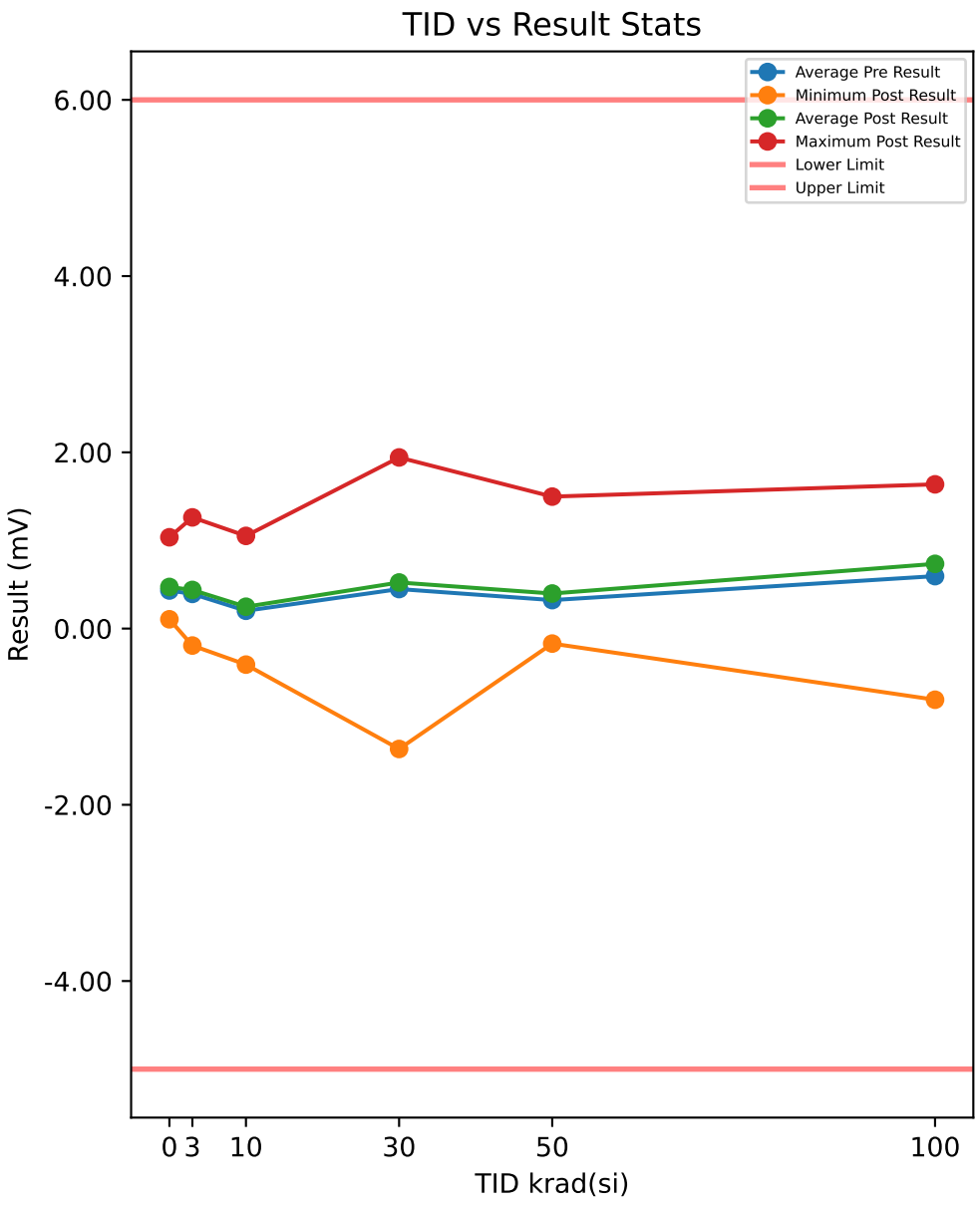
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

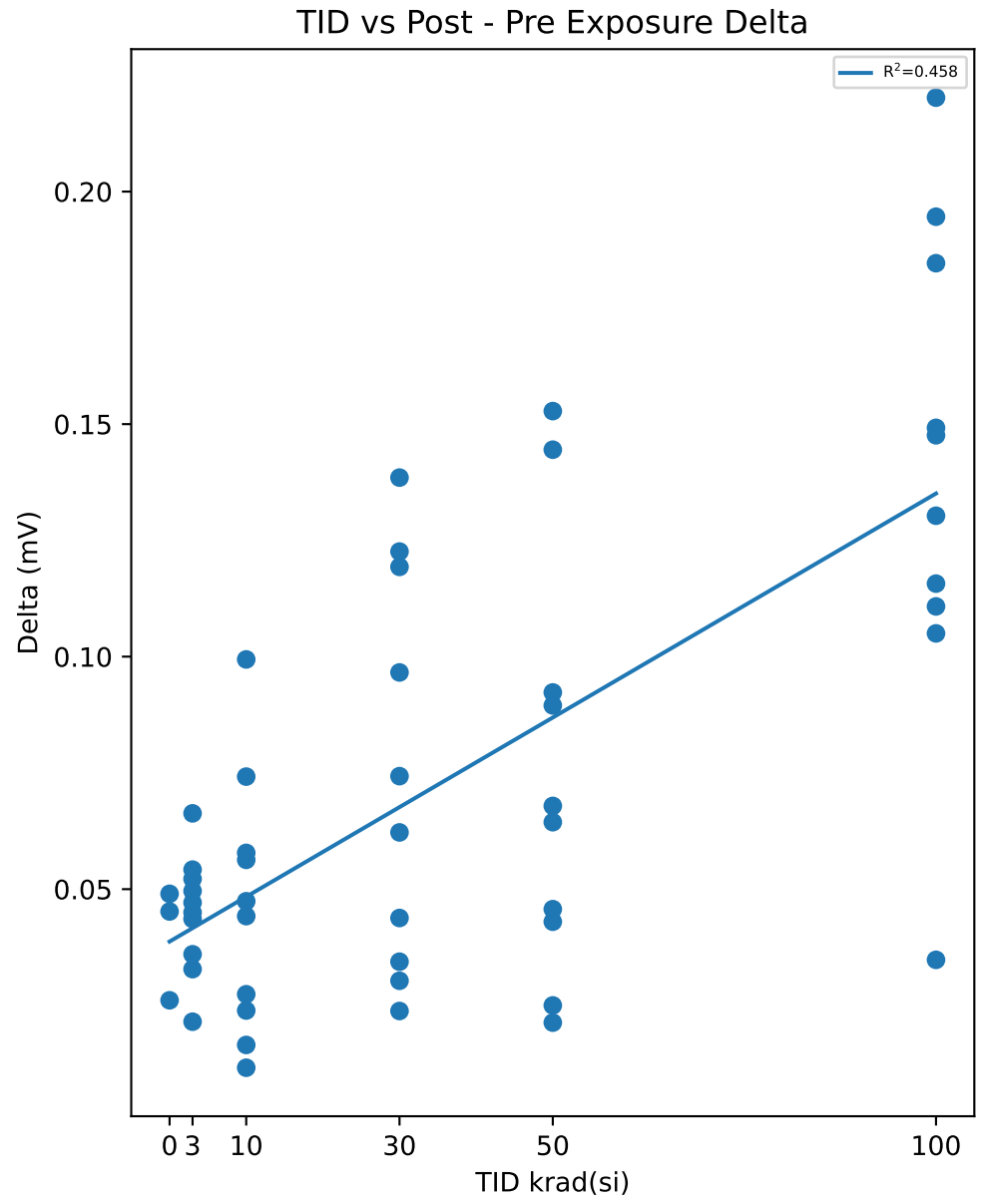
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59998	0.60003	5e-05
2	3	HDR BIAS	0.60028	0.60019	-9e-05
3	3	HDR BIAS	0.60033	0.6004	7e-05
4	3	HDR BIAS	0.60011	0.6002	9e-05
5	3	HDR BIAS	0.60025	0.60031	6e-05
6	3	HDR UNBIAS	0.60014	0.60006	-8e-05
7	3	HDR UNBIAS	0.60024	0.60032	8e-05
8	3	HDR UNBIAS	0.60036	0.60049	0.00013
9	3	HDR UNBIAS	0.59997	0.60006	9e-05
10	3	HDR UNBIAS	0.59986	0.59989	3e-05
11	10	HDR BIAS	0.60042	0.60058	0.00016
12	10	HDR BIAS	0.59998	0.60004	6e-05
13	10	HDR BIAS	0.60032	0.60047	0.00015
14	10	HDR BIAS	0.59968	0.59963	-5e-05
15	10	HDR BIAS	0.60022	0.60008	-0.00014
16	10	HDR UNBIAS	0.60006	0.60022	0.00016
17	10	HDR UNBIAS	0.59978	0.59971	-7e-05
18	10	HDR UNBIAS	0.60034	0.60054	0.0002
19	10	HDR UNBIAS	0.59992	0.59988	-4e-05
20	10	HDR UNBIAS	0.60022	0.60024	2e-05
31	30	HDR BIAS	0.60003	0.59972	-0.00031
32	30	HDR BIAS	0.60022	0.60035	0.00013
33	30	HDR BIAS	0.60018	0.59987	-0.00031
34	30	HDR BIAS	0.59981	0.59996	0.00015
35	30	HDR BIAS	0.5998	0.60028	0.00048
36	30	HDR UNBIAS	0.60018	0.60052	0.00034
37	30	HDR UNBIAS	0.59996	0.59992	-4e-05
38	30	HDR UNBIAS	0.60015	0.59979	-0.00036
39	30	HDR UNBIAS	0.59986	0.59996	0.0001
40	30	HDR UNBIAS	0.60034	0.60032	-2e-05
41	50	HDR BIAS	0.59996	0.59935	-0.00061
42	50	HDR BIAS	0.59998	0.60008	0.0001
43	50	HDR BIAS	0.59997	0.59995	-2e-05
44	50	HDR BIAS	0.59964	0.59923	-0.00041
45	50	HDR BIAS	0.60012	0.60009	-3e-05
46	50	HDR UNBIAS	0.60002	0.60106	0.00104
47	50	HDR UNBIAS	0.60014	0.60014	0
48	50	HDR UNBIAS	0.60021	0.59998	-0.00023
49	50	HDR UNBIAS	0.60032	0.6002	-0.00012
50	50	HDR UNBIAS	0.59983	0.60008	0.00025
51	100	HDR BIAS	0.60042	0.60018	-0.00024
52	100	HDR BIAS	0.59975	0.59916	-0.00059
53	100	HDR BIAS	0.60036	0.59947	-0.00089
54	100	HDR BIAS	0.60001	0.59976	-0.00025
55	100	HDR BIAS	0.59986	0.5994	-0.00046
56	100	HDR UNBIAS	0.60037	0.6008	0.00043
57	100	HDR UNBIAS	0.59993	0.59983	-0.0001
58	100	HDR UNBIAS	0.6001	0.59957	-0.00053
59	100	HDR UNBIAS	0.60028	0.60036	8e-05
60	100	HDR UNBIAS	0.6004	0.60111	0.00071
71	0	CORRELATION	0.60048	0.60054	6e-05
72	0	CORRELATION	0.60029	0.60033	4e-05
73	0	CORRELATION	0.60017	0.60024	7e-05

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	0.60017	0.60031	0.60048	0.00015631	0.60024	0.60037	0.60054	0.00015395	4e-05	5.6667e-05	7e-05	1.5275e-05
3	0.59986	0.60015	0.60036	0.0001695	0.59989	0.6002	0.60049	0.00018698	-9e-05	4.3e-05	0.00013	7.2579e-05
10	0.59968	0.60009	0.60042	0.00025034	0.59963	0.60014	0.60058	0.00033418	-0.00014	4.5e-05	0.0002	0.00011835
30	0.5998	0.60005	0.60034	0.00018898	0.59972	0.60007	0.60052	0.00027388	-0.00036	1.6e-05	0.00048	0.00028218
50	0.59964	0.60002	0.60032	0.00019399	0.59923	0.60002	0.60106	0.00049664	-0.00061	-3e-06	0.00104	0.00044257
100	0.59975	0.60015	0.60042	0.0002493	0.59916	0.59996	0.60111	0.00063588	-0.00089	-0.000184	0.00071	0.0004853

Device Test: 19.36 VOLTAGE|OFFSET//14/14/0/0/5/100kHz//@EA_OS





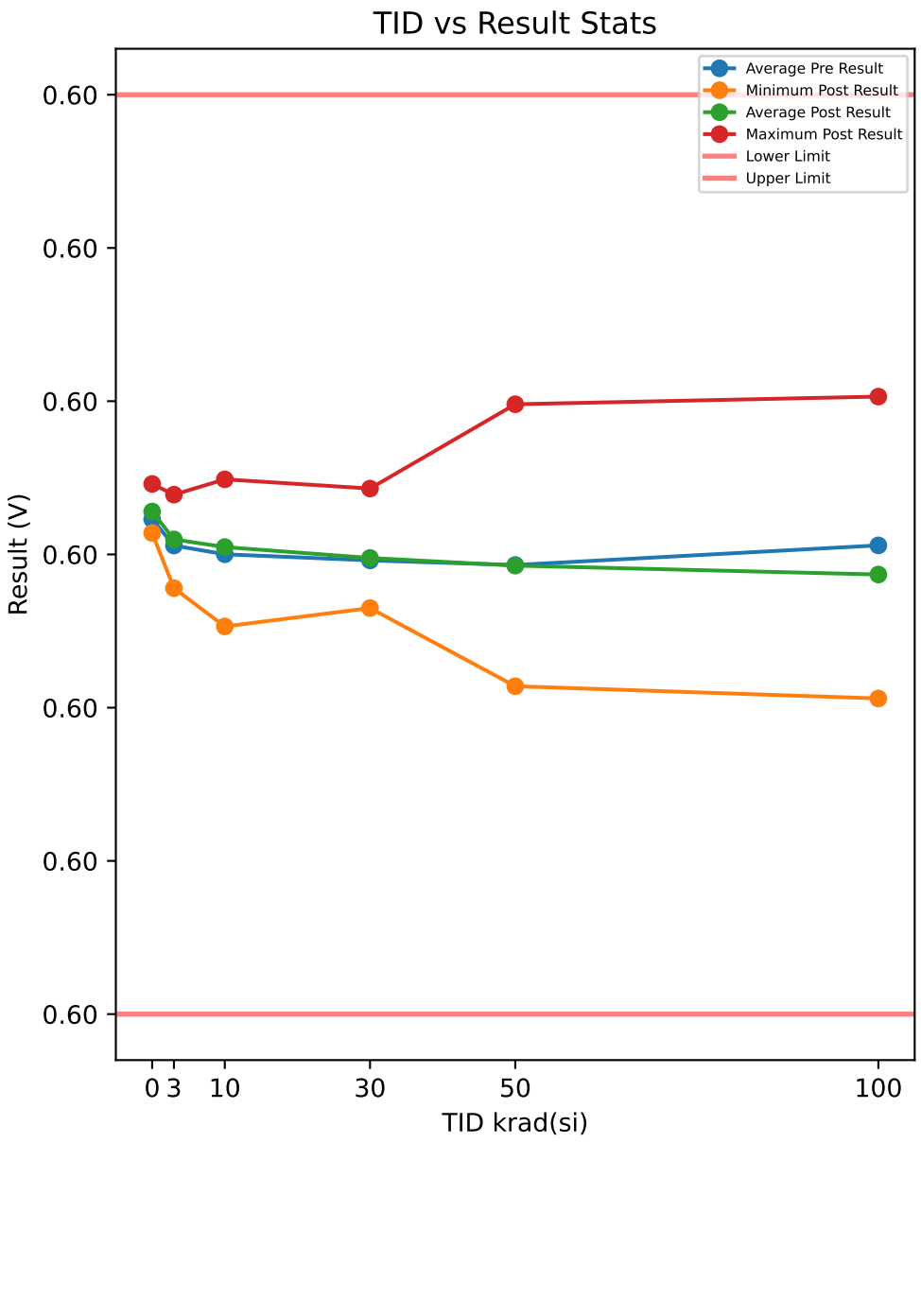
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

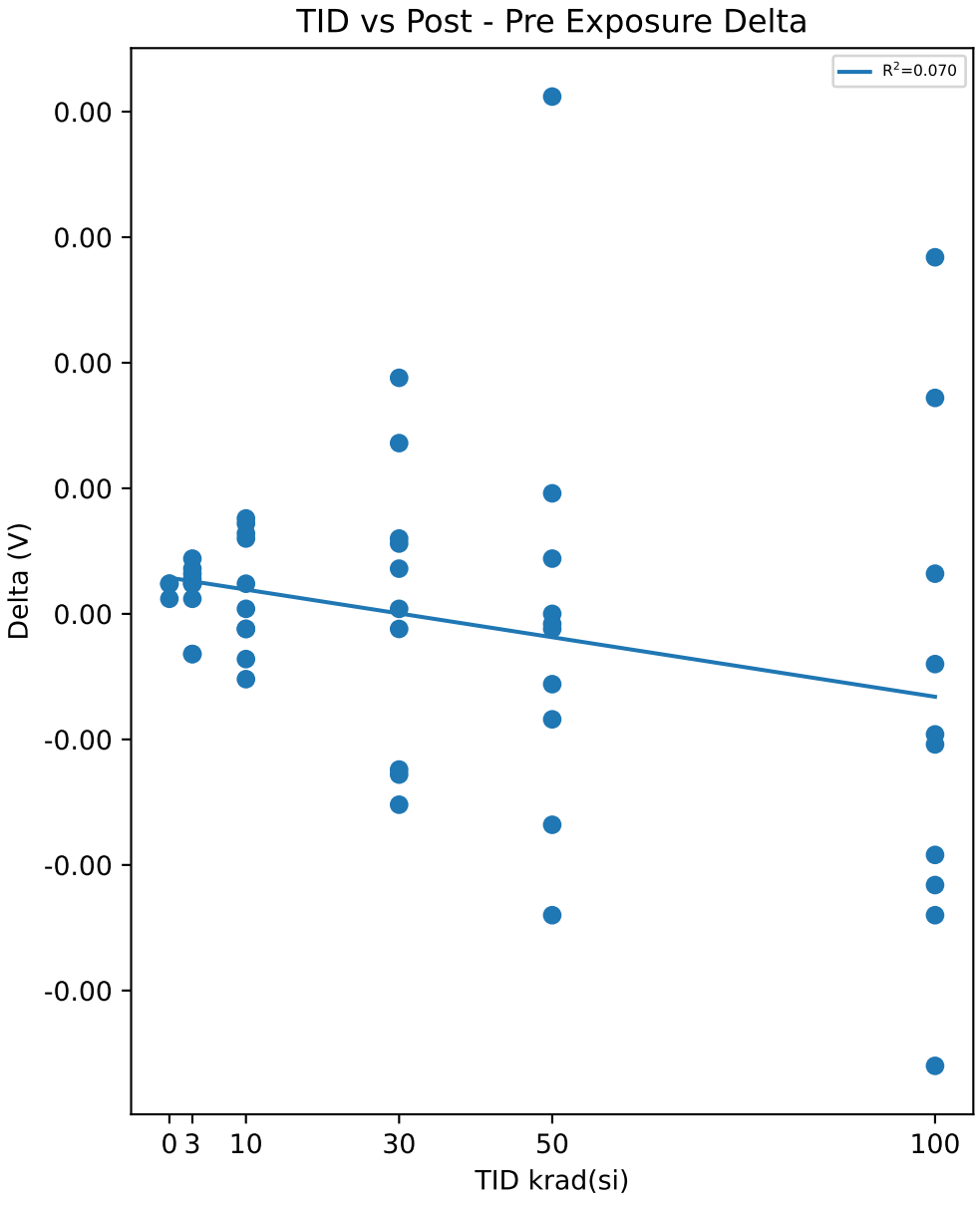
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5785	0.6448	0.0663
2	3	HDR BIAS	1.2075	1.2617	0.0542
3	3	HDR BIAS	-0.1617	-0.1402	0.0215
4	3	HDR BIAS	-0.0747	-0.0276	0.0471
5	3	HDR BIAS	0.4957	0.5407	0.045
6	3	HDR UNBIAS	0.5736	0.6172	0.0436
7	3	HDR UNBIAS	0.4323	0.4845	0.0522
8	3	HDR UNBIAS	-0.2254	-0.1926	0.0328
9	3	HDR UNBIAS	0.476	0.512	0.036
10	3	HDR UNBIAS	0.6331	0.6827	0.0496
11	10	HDR BIAS	-0.4207	-0.4091	0.0116
12	10	HDR BIAS	0.2138	0.2612	0.0474
13	10	HDR BIAS	0.1344	0.2338	0.0994
14	10	HDR BIAS	0.3783	0.4225	0.0442
15	10	HDR BIAS	0.6824	0.7098	0.0274
16	10	HDR UNBIAS	0.9774	1.0516	0.0742
17	10	HDR UNBIAS	-0.3569	-0.3006	0.0563
18	10	HDR UNBIAS	0.0454	0.1032	0.0578
19	10	HDR UNBIAS	0.563	0.5869	0.0239
20	10	HDR UNBIAS	-0.1975	-0.181	0.0165
31	30	HDR BIAS	-0.7107	-0.6669	0.0438
32	30	HDR BIAS	0.2646	0.4031	0.1385
33	30	HDR BIAS	1.5411	1.5714	0.0303
34	30	HDR BIAS	0.9128	1.0354	0.1226
35	30	HDR BIAS	0.5573	0.6316	0.0743
36	30	HDR UNBIAS	1.9182	1.942	0.0238
37	30	HDR UNBIAS	-1.4858	-1.3665	0.1193
38	30	HDR UNBIAS	1.3005	1.3627	0.0622
39	30	HDR UNBIAS	-0.0579	-0.0235	0.0344
40	30	HDR UNBIAS	0.2449	0.3415	0.0966
41	50	HDR BIAS	0.2942	0.3586	0.0644
42	50	HDR BIAS	0.5344	0.6267	0.0923
43	50	HDR BIAS	0.0351	0.0564	0.0213
44	50	HDR BIAS	-0.2161	-0.1704	0.0457
45	50	HDR BIAS	1.4725	1.4975	0.025
46	50	HDR UNBIAS	0.713	0.8025	0.0895
47	50	HDR UNBIAS	0.2987	0.3666	0.0679
48	50	HDR UNBIAS	-0.0917	-0.0487	0.043
49	50	HDR UNBIAS	-0.1695	-0.0167	0.1528
50	50	HDR UNBIAS	0.3609	0.5054	0.1445
51	100	HDR BIAS	-0.9923	-0.8077	0.1846
52	100	HDR BIAS	0.754	0.9016	0.1476
53	100	HDR BIAS	0.5898	0.6948	0.105
54	100	HDR BIAS	0.3732	0.5934	0.2202
55	100	HDR BIAS	0.8762	1.0708	0.1946
56	100	HDR UNBIAS	1.3242	1.359	0.0348
57	100	HDR UNBIAS	1.521	1.6367	0.1157
58	100	HDR UNBIAS	1.4991	1.6099	0.1108
59	100	HDR UNBIAS	0.1905	0.3208	0.1303
60	100	HDR UNBIAS	-0.1845	-0.0353	0.1492
71	0	CORRELATION	0.9908	1.036	0.0452
72	0	CORRELATION	0.0793	0.1054	0.0261
73	0	CORRELATION	0.2262	0.2752	0.049

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	0.0793	0.4321	0.9908	0.48939	0.1054	0.4722	1.036	0.49559	0.0261	0.0401	0.049	0.012272
3	-0.2254	0.39349	1.2075	0.43664	-0.1926	0.43832	1.2617	0.44474	0.0215	0.04483	0.0663	0.01247
10	-0.4207	0.20196	0.9774	0.45733	-0.4091	0.24783	1.0516	0.46457	0.0116	0.04587	0.0994	0.027457
30	-1.4858	0.4485	1.9182	1.0394	-1.3665	0.52308	1.942	1.0233	0.0238	0.07458	0.1385	0.042336
50	-0.2161	0.32315	1.4725	0.50652	-0.1704	0.39779	1.4975	0.50002	0.0213	0.07464	0.1528	0.045729
100	-0.9923	0.59512	1.521	0.79239	-0.8077	0.7344	1.6367	0.76557	0.0348	0.13928	0.2202	0.053092

Device Test: 19.37 VOLTAGE|VREF//4.5/4.5/0/0/4.5/500kHz//@VREF_25C





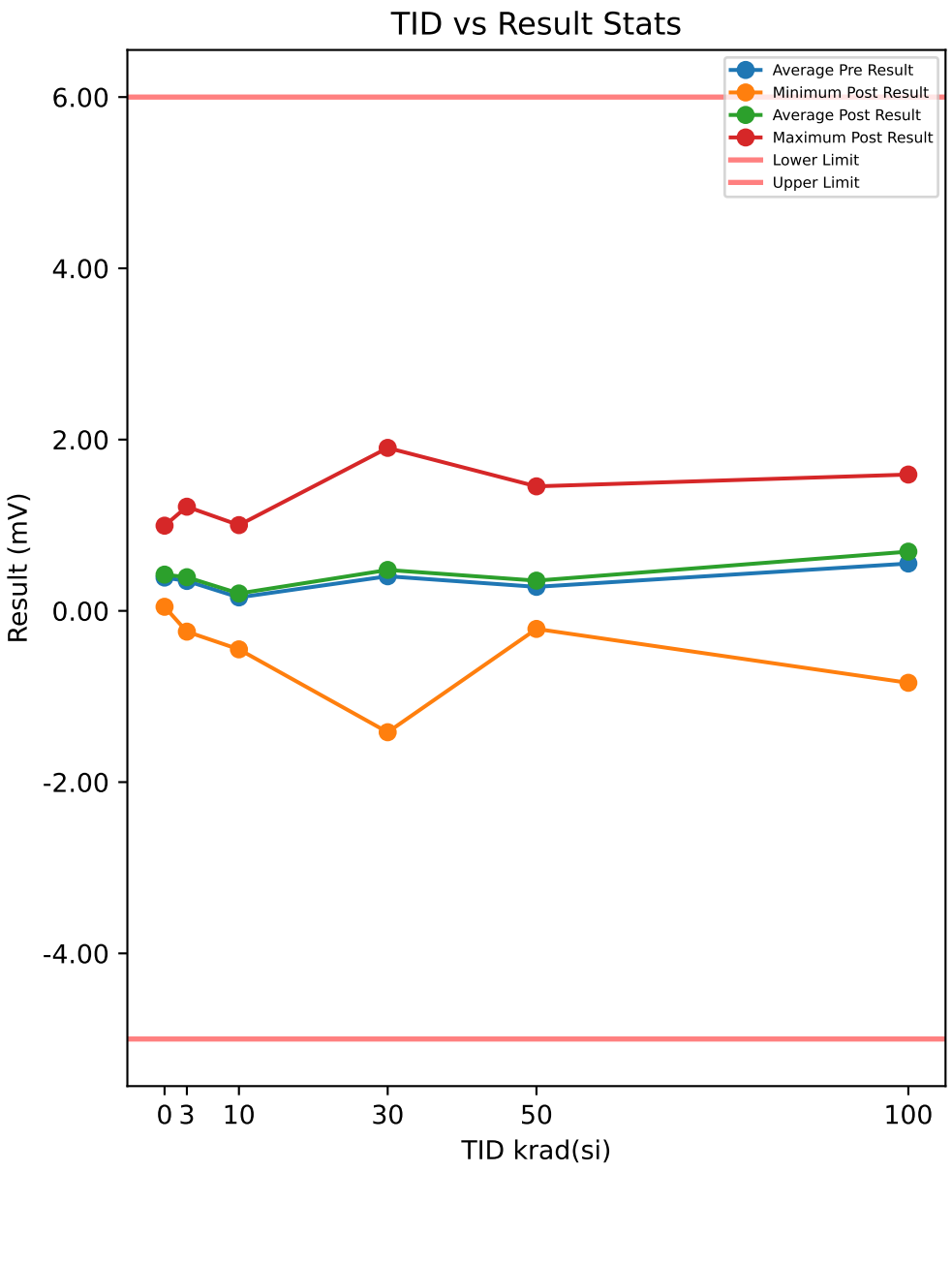
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

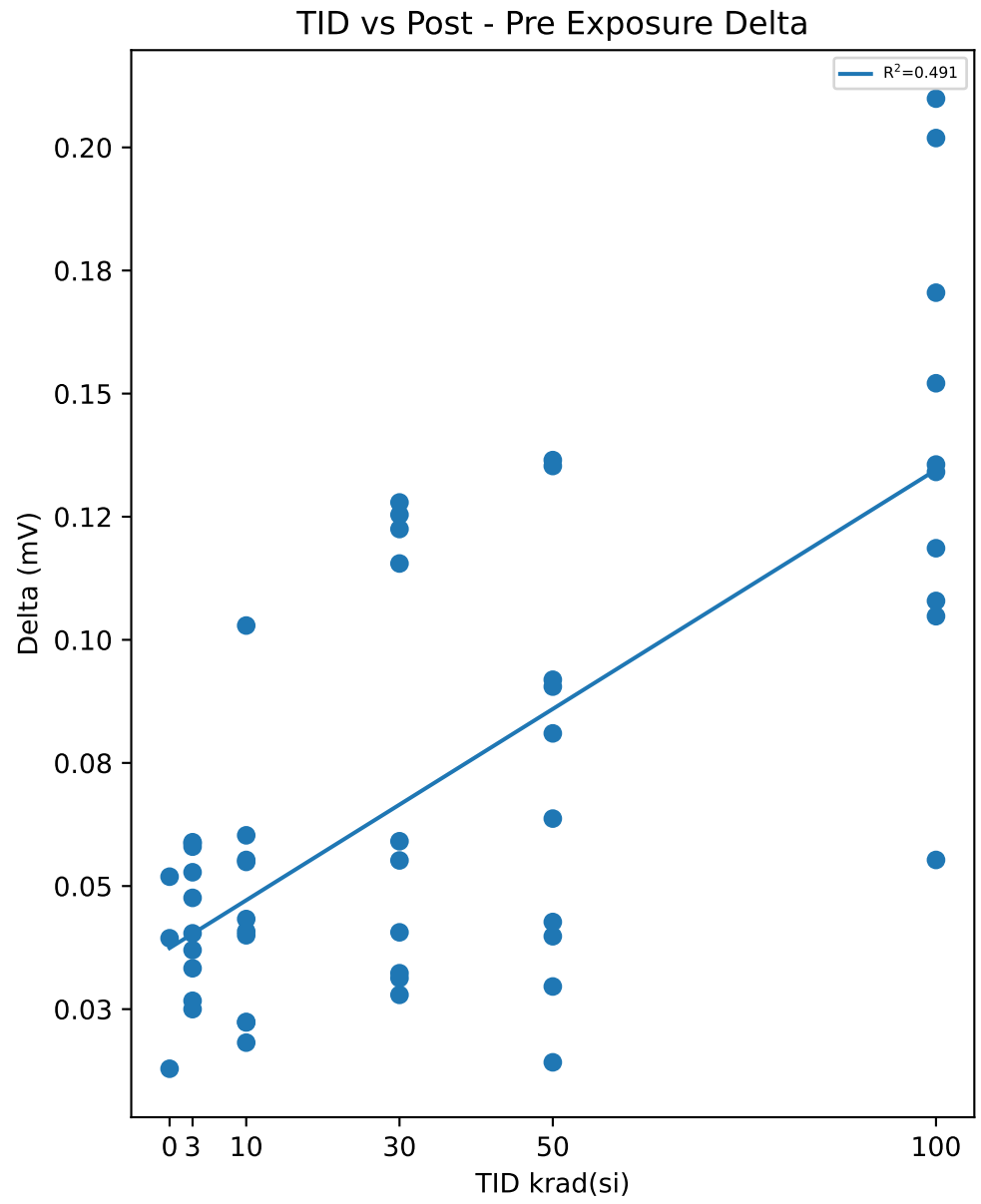
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59987	0.59993	6e-05
2	3	HDR BIAS	0.60016	0.60008	-8e-05
3	3	HDR BIAS	0.60024	0.60031	7e-05
4	3	HDR BIAS	0.60003	0.60011	8e-05
5	3	HDR BIAS	0.60014	0.6002	6e-05
6	3	HDR UNBIAS	0.60004	0.59996	-8e-05
7	3	HDR UNBIAS	0.60018	0.60024	6e-05
8	3	HDR UNBIAS	0.60028	0.60039	0.00011
9	3	HDR UNBIAS	0.59989	0.59998	9e-05
10	3	HDR UNBIAS	0.59975	0.59978	3e-05
11	10	HDR BIAS	0.60031	0.60049	0.00018
12	10	HDR BIAS	0.59988	0.59994	6e-05
13	10	HDR BIAS	0.60023	0.60039	0.00016
14	10	HDR BIAS	0.59956	0.59953	-3e-05
15	10	HDR BIAS	0.60014	0.60001	-0.00013
16	10	HDR UNBIAS	0.59998	0.60013	0.00015
17	10	HDR UNBIAS	0.5997	0.59961	-9e-05
18	10	HDR UNBIAS	0.60024	0.60043	0.00019
19	10	HDR UNBIAS	0.59984	0.59981	-3e-05
20	10	HDR UNBIAS	0.60013	0.60014	1e-05
31	30	HDR BIAS	0.59996	0.59965	-0.00031
32	30	HDR BIAS	0.60012	0.60026	0.00014
33	30	HDR BIAS	0.60008	0.59976	-0.00032
34	30	HDR BIAS	0.59972	0.59987	0.00015
35	30	HDR BIAS	0.59971	0.60018	0.00047
36	30	HDR UNBIAS	0.60009	0.60043	0.00034
37	30	HDR UNBIAS	0.59985	0.59982	-3e-05
38	30	HDR UNBIAS	0.60005	0.59967	-0.00038
39	30	HDR UNBIAS	0.59977	0.59986	9e-05
40	30	HDR UNBIAS	0.60026	0.60027	1e-05
41	50	HDR BIAS	0.59986	0.59926	-0.0006
42	50	HDR BIAS	0.59988	0.59999	0.00011
43	50	HDR BIAS	0.5999	0.59987	-3e-05
44	50	HDR BIAS	0.59956	0.59914	-0.00042
45	50	HDR BIAS	0.60002	0.6	-2e-05
46	50	HDR UNBIAS	0.59995	0.60098	0.00103
47	50	HDR UNBIAS	0.60006	0.60006	0
48	50	HDR UNBIAS	0.60011	0.5999	-0.00021
49	50	HDR UNBIAS	0.60022	0.60008	-0.00014
50	50	HDR UNBIAS	0.59975	0.59999	0.00024
51	100	HDR BIAS	0.60033	0.60009	-0.00024
52	100	HDR BIAS	0.59966	0.59906	-0.0006
53	100	HDR BIAS	0.60029	0.59939	-0.0009
54	100	HDR BIAS	0.5999	0.59964	-0.00026
55	100	HDR BIAS	0.59979	0.59931	-0.00048
56	100	HDR UNBIAS	0.60027	0.6007	0.00043
57	100	HDR UNBIAS	0.59983	0.59973	-0.0001
58	100	HDR UNBIAS	0.6	0.59946	-0.00054
59	100	HDR UNBIAS	0.6002	0.60028	8e-05
60	100	HDR UNBIAS	0.60032	0.60103	0.00071
71	0	CORRELATION	0.6004	0.60046	6e-05
72	0	CORRELATION	0.60021	0.60024	3e-05
73	0	CORRELATION	0.60008	0.60014	6e-05

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	0.60008	0.60023	0.6004	0.00016093	0.60014	0.60028	0.60046	0.00016371	3e-05	5e-05	6e-05	1.7321e-05
3	0.59975	0.60006	0.60028	0.00017447	0.59978	0.6001	0.60039	0.00018961	-8e-05	4e-05	0.00011	6.6667e-05
10	0.59956	0.6	0.60031	0.00025102	0.59953	0.60005	0.60049	0.00033389	-0.00013	4.7e-05	0.00019	0.00011786
30	0.59971	0.59996	0.60026	0.00018953	0.59965	0.59998	0.60043	0.00028095	-0.00038	1.6e-05	0.00047	0.00028442
50	0.59956	0.59993	0.60022	0.00018841	0.59914	0.59993	0.60098	0.00049793	-0.0006	-4e-06	0.00103	0.00043866
100	0.59966	0.60006	0.60033	0.00025212	0.59906	0.59987	0.60103	0.00064046	-0.0009	-0.00019	0.00071	0.00049008

Device Test: 19.39 VOLTAGE|OFFSET//4.5/4.5/0/0/4.5/500kHz//@EA_OS





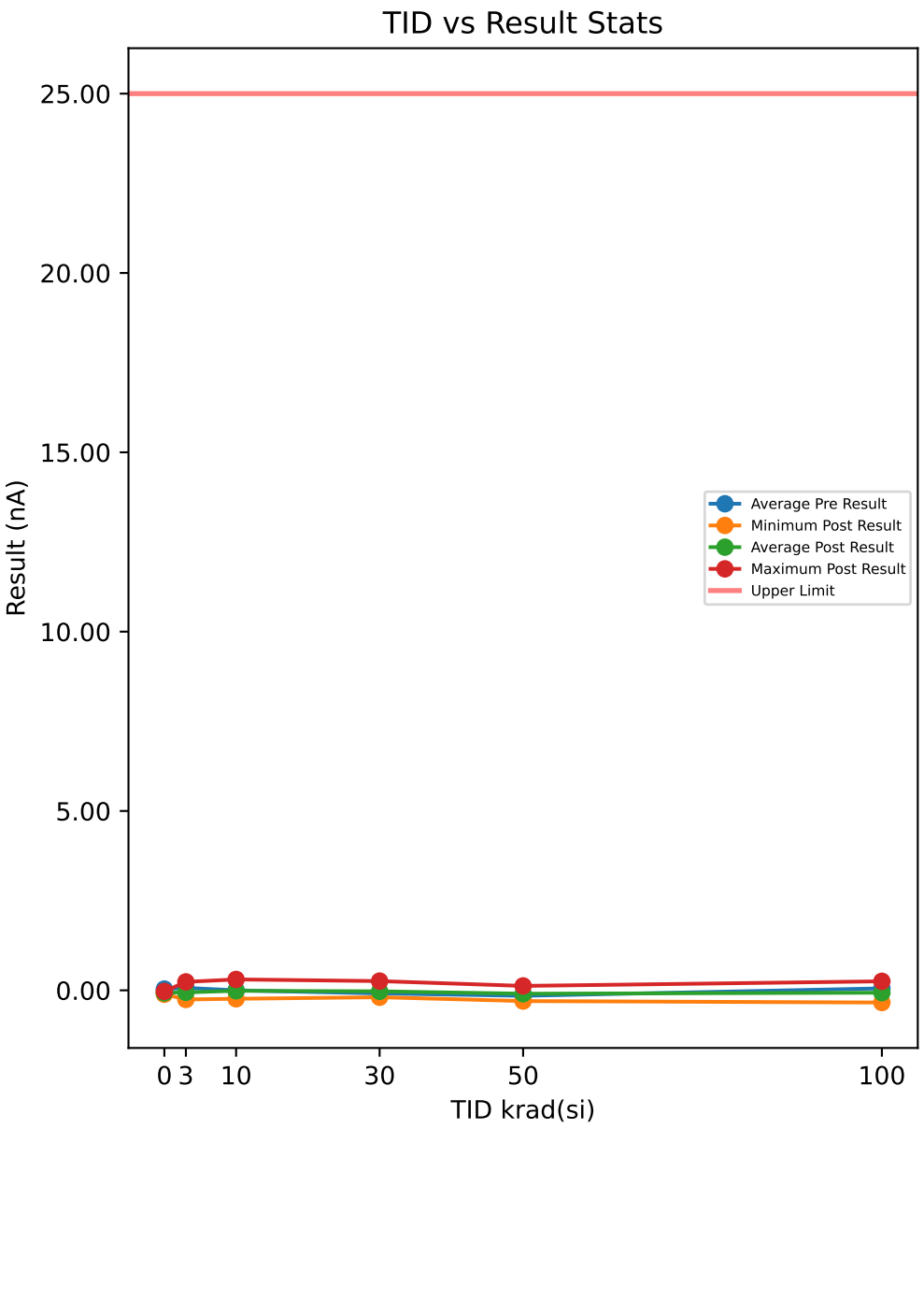
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

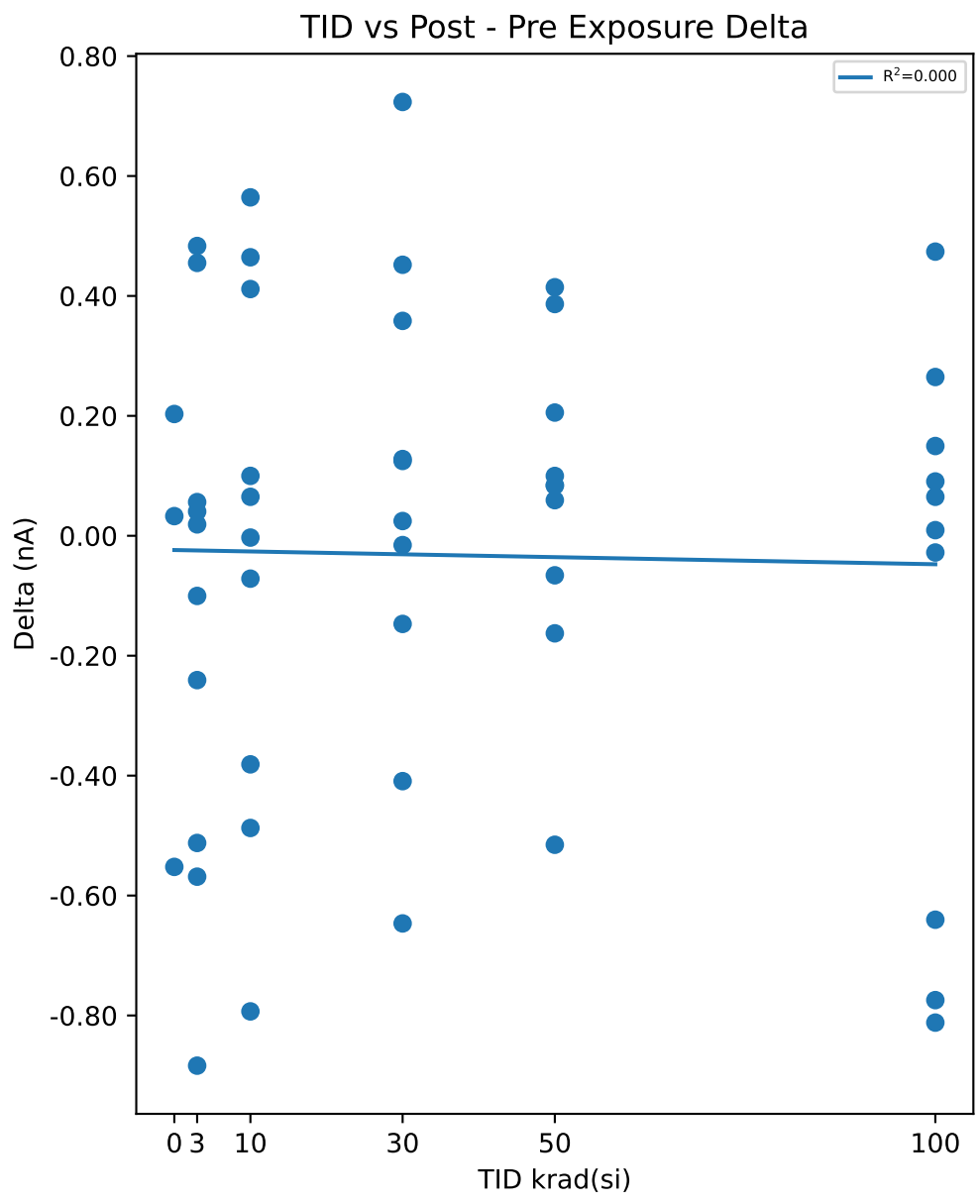
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5346	0.5935	0.0589
2	3	HDR BIAS	1.1575	1.2162	0.0587
3	3	HDR BIAS	-0.2097	-0.1764	0.0333
4	3	HDR BIAS	-0.114	-0.0736	0.0404
5	3	HDR BIAS	0.4483	0.5011	0.0528
6	3	HDR UNBIAS	0.5309	0.5576	0.0267
7	3	HDR UNBIAS	0.3858	0.4438	0.058
8	3	HDR UNBIAS	-0.2677	-0.2427	0.025
9	3	HDR UNBIAS	0.436	0.473	0.037
10	3	HDR UNBIAS	0.5888	0.6364	0.0476
11	10	HDR BIAS	-0.472	-0.4496	0.0224
12	10	HDR BIAS	0.1689	0.2097	0.0408
13	10	HDR BIAS	0.0838	0.1867	0.1029
14	10	HDR BIAS	0.312	0.3673	0.0553
15	10	HDR BIAS	0.6386	0.6786	0.04
16	10	HDR UNBIAS	0.9409	1.0012	0.0603
17	10	HDR UNBIAS	-0.3887	-0.3454	0.0433
18	10	HDR UNBIAS	-0.0009	0.054	0.0549
19	10	HDR UNBIAS	0.5252	0.5434	0.0182
20	10	HDR UNBIAS	-0.238	-0.2157	0.0223
31	30	HDR BIAS	-0.7568	-0.7162	0.0406
32	30	HDR BIAS	0.2354	0.3633	0.1279
33	30	HDR BIAS	1.4913	1.5226	0.0313
34	30	HDR BIAS	0.8711	0.9936	0.1225
35	30	HDR BIAS	0.5185	0.5776	0.0591
36	30	HDR UNBIAS	1.8753	1.9032	0.0279
37	30	HDR UNBIAS	-1.5329	-1.4174	0.1155
38	30	HDR UNBIAS	1.2509	1.3061	0.0552
39	30	HDR UNBIAS	-0.1093	-0.077	0.0323
40	30	HDR UNBIAS	0.196	0.3214	0.1254
41	50	HDR BIAS	0.2566	0.3203	0.0637
42	50	HDR BIAS	0.487	0.5789	0.0919
43	50	HDR BIAS	-0.0036	0.0106	0.0142
44	50	HDR BIAS	-0.2508	-0.211	0.0398
45	50	HDR BIAS	1.4243	1.4539	0.0296
46	50	HDR UNBIAS	0.6682	0.7587	0.0905
47	50	HDR UNBIAS	0.2492	0.3302	0.081
48	50	HDR UNBIAS	-0.1339	-0.0912	0.0427
49	50	HDR UNBIAS	-0.2117	-0.0764	0.1353
50	50	HDR UNBIAS	0.3175	0.454	0.1365
51	100	HDR BIAS	-1.0422	-0.8403	0.2019
52	100	HDR BIAS	0.7125	0.8481	0.1356
53	100	HDR BIAS	0.5532	0.6611	0.1079
54	100	HDR BIAS	0.3281	0.538	0.2099
55	100	HDR BIAS	0.8435	1.014	0.1705
56	100	HDR UNBIAS	1.275	1.3303	0.0553
57	100	HDR UNBIAS	1.473	1.5916	0.1186
58	100	HDR UNBIAS	1.4663	1.5711	0.1048
59	100	HDR UNBIAS	0.1442	0.2783	0.1341
60	100	HDR UNBIAS	-0.229	-0.0769	0.1521
71	0	CORRELATION	0.9427	0.9946	0.0519
72	0	CORRELATION	0.0346	0.0475	0.0129
73	0	CORRELATION	0.1885	0.2279	0.0394

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	0.0346	0.3886	0.9427	0.486	0.0475	0.42333	0.9946	0.50289	0.0129	0.034733	0.0519	0.019914
3	-0.2677	0.34905	1.1575	0.43517	-0.2427	0.39289	1.2162	0.44358	0.025	0.04384	0.0589	0.01317
10	-0.472	0.15698	0.9409	0.45776	-0.4496	0.20302	1.0012	0.46316	0.0182	0.04604	0.1029	0.024877
30	-1.5329	0.40395	1.8753	1.0397	-1.4174	0.47772	1.9032	1.0246	0.0279	0.07377	0.1279	0.043461
50	-0.2508	0.28028	1.4243	0.50345	-0.211	0.3528	1.4539	0.50071	0.0142	0.07252	0.1365	0.042278
100	-1.0422	0.55246	1.473	0.79481	-0.8403	0.69153	1.5916	0.76395	0.0553	0.13907	0.2099	0.046835

Device Test: 19.4 CURRENT|EA//4.5/4.5/0/0/4.5/500kHz//@EA_IB





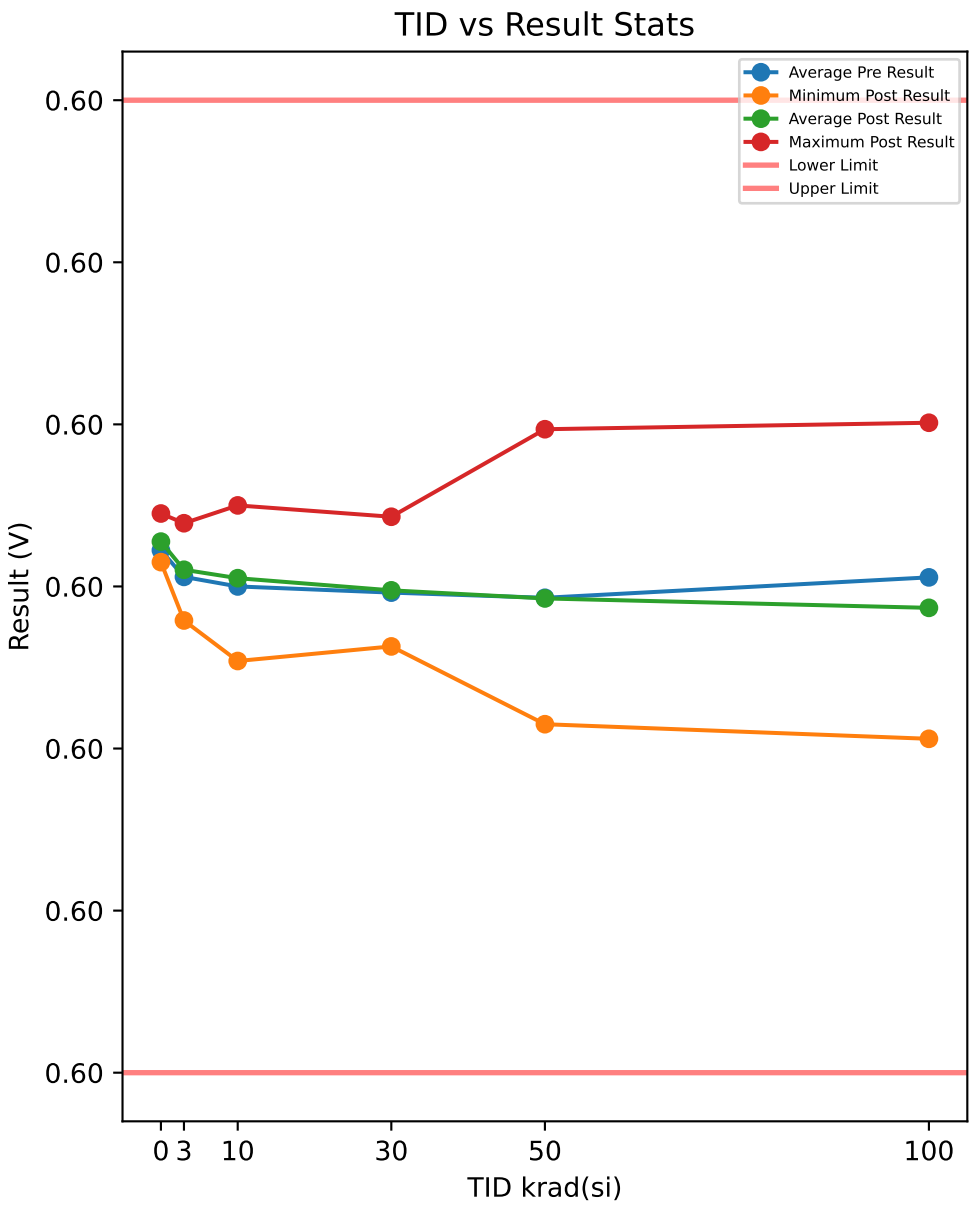
Test Results (Upper Limit = 25.0 (nA))

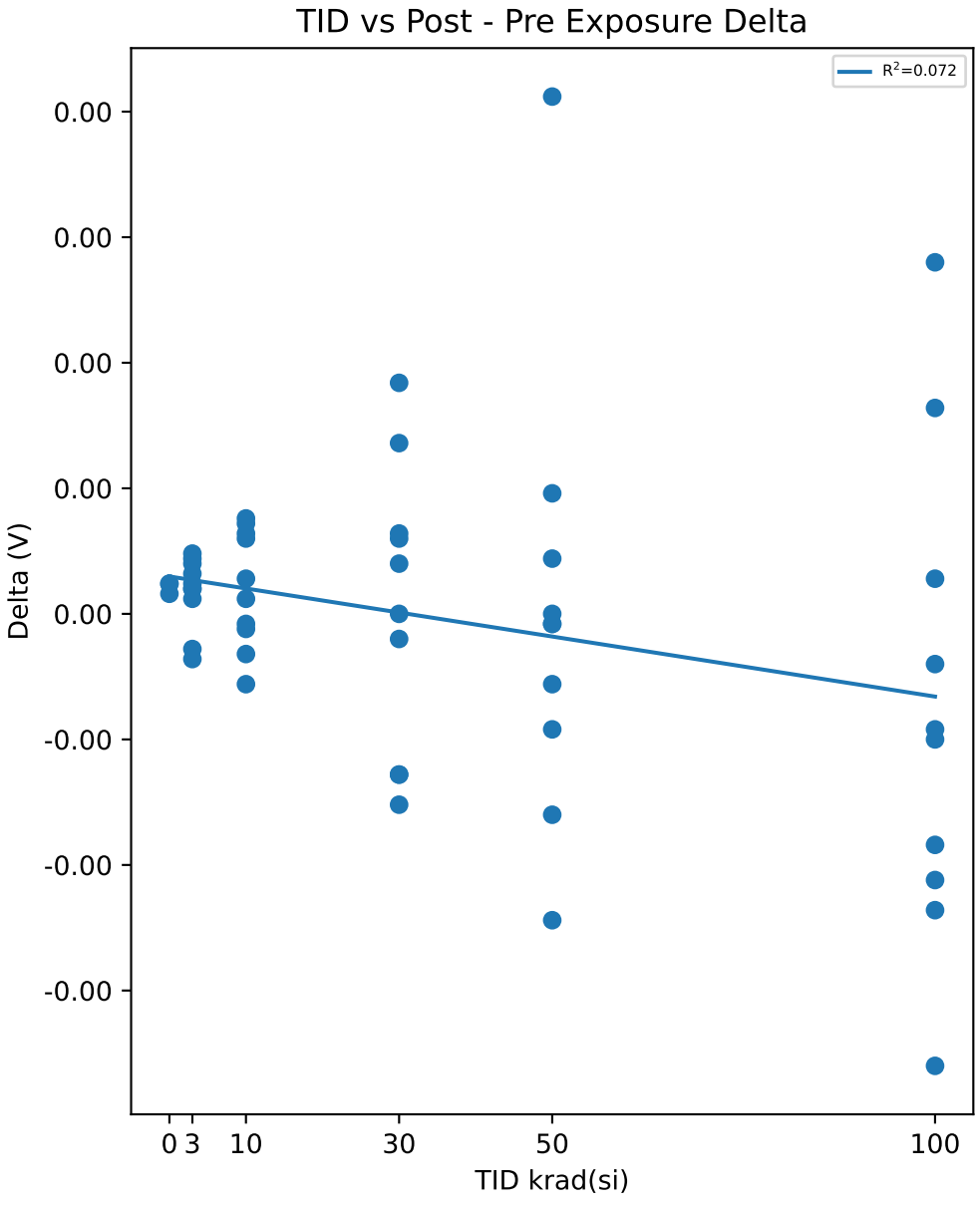
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.272	0.0313	-0.2407
2	3	HDR BIAS	-0.3136	0.1415	0.4551
3	3	HDR BIAS	-0.2738	-0.2548	0.019
4	3	HDR BIAS	0.6528	-0.2309	-0.8837
5	3	HDR BIAS	-0.1358	-0.2361	-0.1003
6	3	HDR UNBIAS	-0.1739	-0.1334	0.0405
7	3	HDR UNBIAS	0.4905	-0.0218	-0.5123
8	3	HDR UNBIAS	-0.2481	0.2352	0.4833
9	3	HDR UNBIAS	-0.2301	-0.1739	0.0562
10	3	HDR UNBIAS	0.6372	0.0687	-0.5685
11	10	HDR BIAS	-0.2231	0.1884	0.4115
12	10	HDR BIAS	-0.1646	-0.2361	-0.0715
13	10	HDR BIAS	0.6372	-0.156	-0.7932
14	10	HDR BIAS	-0.2481	-0.1831	0.065
15	10	HDR BIAS	-0.2769	-0.177	0.0999
16	10	HDR UNBIAS	0.4624	0.0812	-0.3812
17	10	HDR UNBIAS	-0.2512	0.2133	0.4645
18	10	HDR UNBIAS	-0.1989	-0.2019	-0.003
19	10	HDR UNBIAS	0.5217	0.0344	-0.4873
20	10	HDR UNBIAS	-0.2606	0.3038	0.5644
31	30	HDR BIAS	-0.0121	0.0125	0.0246
32	30	HDR BIAS	-0.4665	0.257	0.7235
33	30	HDR BIAS	-0.2832	-0.1552	0.128
34	30	HDR BIAS	0.0316	-0.1154	-0.147
35	30	HDR BIAS	-0.4322	0.0198	0.452
36	30	HDR UNBIAS	-0.2769	-0.1521	0.1248
37	30	HDR UNBIAS	0.6684	0.0219	-0.6465
38	30	HDR UNBIAS	-0.1576	0.2008	0.3584
39	30	HDR UNBIAS	-0.177	-0.1925	-0.0155
40	30	HDR UNBIAS	0.2345	-0.1747	-0.4092
41	50	HDR BIAS	-0.2637	-0.0582	0.2055
42	50	HDR BIAS	-0.2145	-0.1303	0.0842
43	50	HDR BIAS	-0.0339	-0.0998	-0.0659
44	50	HDR BIAS	-0.376	0.0385	0.4145
45	50	HDR BIAS	-0.2207	-0.1209	0.0998
46	50	HDR UNBIAS	0.2158	-0.2995	-0.5153
47	50	HDR UNBIAS	-0.2949	-0.2112	0.0837
48	50	HDR UNBIAS	-0.227	-0.1676	0.0594
49	50	HDR UNBIAS	0.1409	-0.0218	-0.1627
50	50	HDR UNBIAS	-0.2637	0.1228	0.3865
51	100	HDR BIAS	-0.2426	-0.0929	0.1497
52	100	HDR BIAS	0.7714	0.1311	-0.6403
53	100	HDR BIAS	-0.2231	0.2508	0.4739
54	100	HDR BIAS	-0.2894	-0.1988	0.0906
55	100	HDR BIAS	0.7776	-0.0343	-0.8119
56	100	HDR UNBIAS	-0.0328	0.232	0.2648
57	100	HDR UNBIAS	-0.177	-0.1676	0.0094
58	100	HDR UNBIAS	0.4343	-0.3401	-0.7744
59	100	HDR UNBIAS	-0.2762	-0.2112	0.065
60	100	HDR UNBIAS	-0.202	-0.2299	-0.0279
71	0	CORRELATION	-0.142	-0.1092	0.0328
72	0	CORRELATION	-0.2332	-0.0301	0.2031
73	0	CORRELATION	0.4811	-0.0711	-0.5522

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	-0.2332	0.0353	0.4811	0.38876	-0.1092	-0.070133	-0.0301	0.039559	-0.5522	-0.10543	0.2031	0.39617
3	-0.3136	0.06772	0.6528	0.39964	-0.2548	-0.05742	0.2352	0.17339	-0.8837	-0.12514	0.4833	0.43765
10	-0.2769	-0.00021	0.6372	0.37678	-0.2361	-0.0133	0.3038	0.20138	-0.7932	-0.01309	0.5644	0.43884
30	-0.4665	-0.0871	0.6684	0.34067	-0.1925	-0.02779	0.257	0.15909	-0.6465	0.05931	0.7235	0.40289
50	-0.376	-0.15377	0.2158	0.19573	-0.2995	-0.0948	0.1228	0.12225	-0.5153	0.05897	0.4145	0.26927
100	-0.2894	0.05402	0.7776	0.43475	-0.3401	-0.06609	0.2508	0.20569	-0.8119	-0.12011	0.4739	0.454

Device Test: 19.40 VOLTAGE|VREF//5/5/0/0/5/500kHz//@VREF_25C





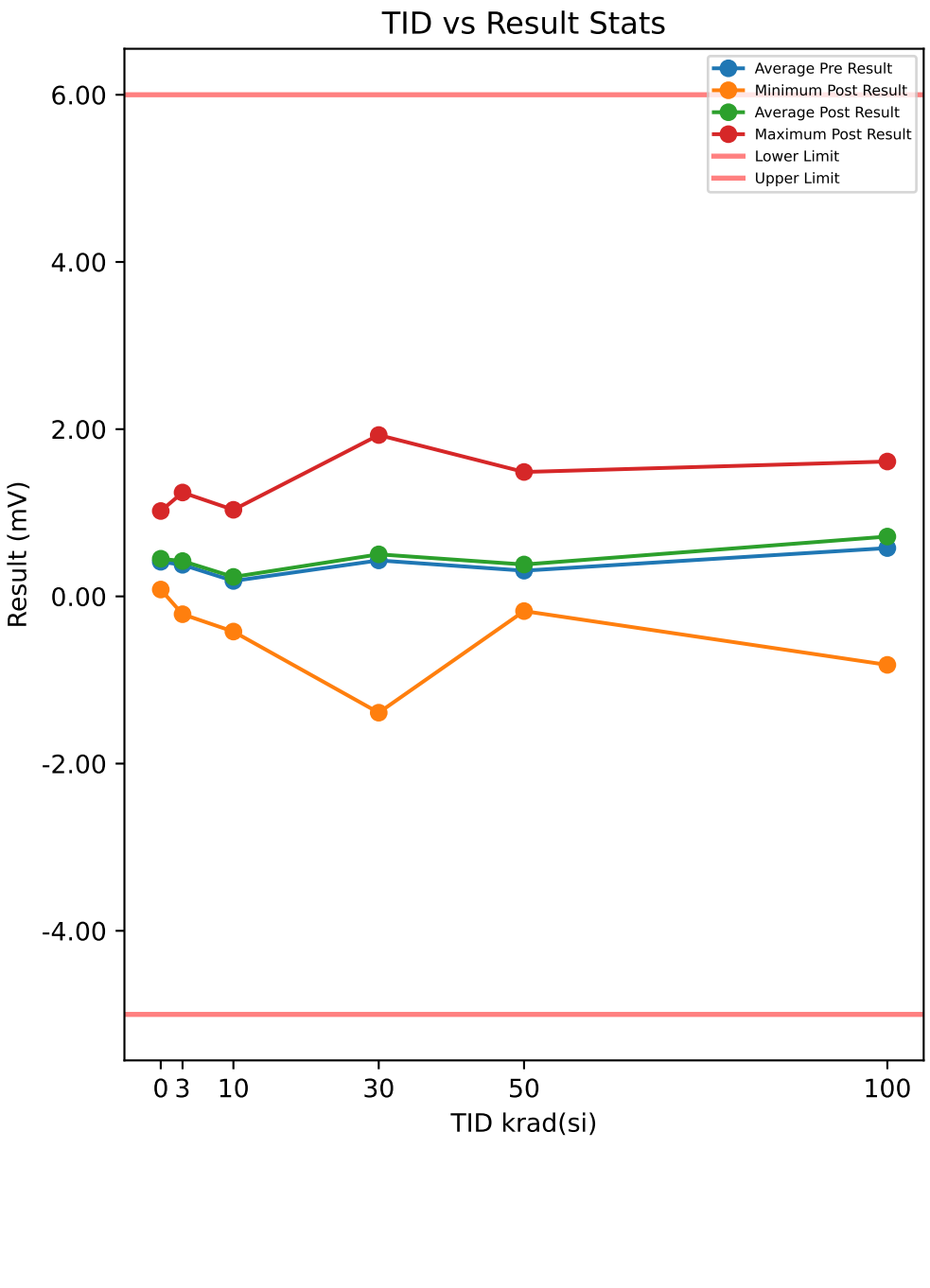
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

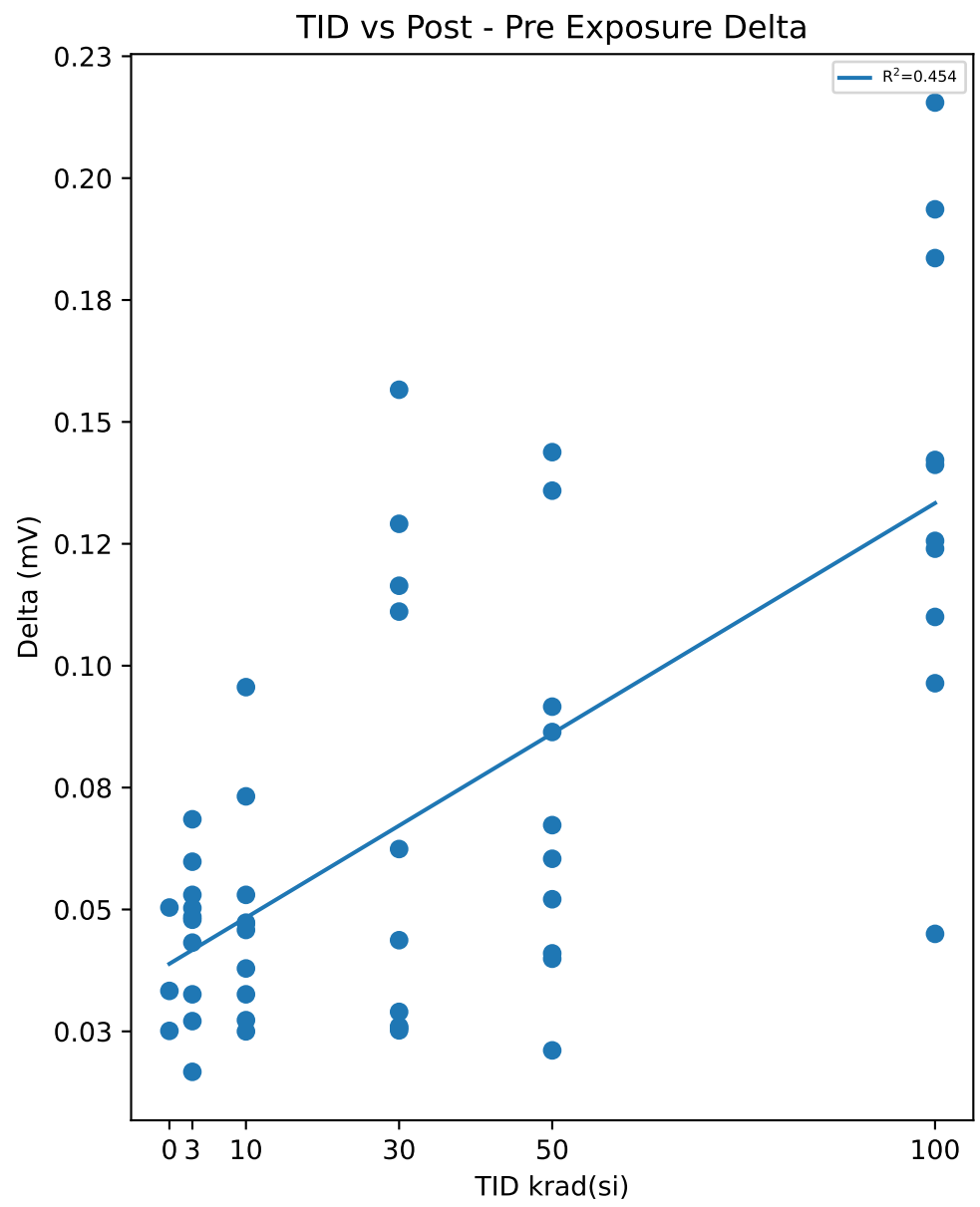
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59989	0.59994	5e-05
2	3	HDR BIAS	0.60018	0.60009	-9e-05
3	3	HDR BIAS	0.60024	0.6003	6e-05
4	3	HDR BIAS	0.60001	0.60011	0.0001
5	3	HDR BIAS	0.60015	0.60023	8e-05
6	3	HDR UNBIAS	0.60004	0.59997	-7e-05
7	3	HDR UNBIAS	0.60017	0.60022	5e-05
8	3	HDR UNBIAS	0.60027	0.60039	0.00012
9	3	HDR UNBIAS	0.59988	0.59999	0.00011
10	3	HDR UNBIAS	0.59976	0.59979	3e-05
11	10	HDR BIAS	0.60032	0.6005	0.00018
12	10	HDR BIAS	0.59988	0.59995	7e-05
13	10	HDR BIAS	0.60022	0.60038	0.00016
14	10	HDR BIAS	0.59957	0.59954	-3e-05
15	10	HDR BIAS	0.60013	0.59999	-0.00014
16	10	HDR UNBIAS	0.59998	0.60013	0.00015
17	10	HDR UNBIAS	0.5997	0.59962	-8e-05
18	10	HDR UNBIAS	0.60025	0.60044	0.00019
19	10	HDR UNBIAS	0.59982	0.5998	-2e-05
20	10	HDR UNBIAS	0.60013	0.60016	3e-05
31	30	HDR BIAS	0.59995	0.59963	-0.00032
32	30	HDR BIAS	0.60011	0.60027	0.00016
33	30	HDR BIAS	0.60009	0.59977	-0.00032
34	30	HDR BIAS	0.59973	0.59988	0.00015
35	30	HDR BIAS	0.59972	0.60018	0.00046
36	30	HDR UNBIAS	0.60009	0.60043	0.00034
37	30	HDR UNBIAS	0.59986	0.59981	-5e-05
38	30	HDR UNBIAS	0.60006	0.59968	-0.00038
39	30	HDR UNBIAS	0.59977	0.59987	0.0001
40	30	HDR UNBIAS	0.60024	0.60024	0
41	50	HDR BIAS	0.59987	0.59926	-0.00061
42	50	HDR BIAS	0.59988	0.59999	0.00011
43	50	HDR BIAS	0.59989	0.59987	-2e-05
44	50	HDR BIAS	0.59955	0.59915	-0.0004
45	50	HDR BIAS	0.60003	0.60001	-2e-05
46	50	HDR UNBIAS	0.59994	0.60097	0.00103
47	50	HDR UNBIAS	0.60005	0.60005	0
48	50	HDR UNBIAS	0.60012	0.59989	-0.00023
49	50	HDR UNBIAS	0.60023	0.60009	-0.00014
50	50	HDR UNBIAS	0.59974	0.59998	0.00024
51	100	HDR BIAS	0.60033	0.6001	-0.00023
52	100	HDR BIAS	0.59965	0.59906	-0.00059
53	100	HDR BIAS	0.60027	0.59937	-0.0009
54	100	HDR BIAS	0.59991	0.59966	-0.00025
55	100	HDR BIAS	0.59978	0.59932	-0.00046
56	100	HDR UNBIAS	0.60028	0.60069	0.00041
57	100	HDR UNBIAS	0.59983	0.59973	-0.0001
58	100	HDR UNBIAS	0.60001	0.59948	-0.00053
59	100	HDR UNBIAS	0.60019	0.60026	7e-05
60	100	HDR UNBIAS	0.60031	0.60101	0.0007
71	0	CORRELATION	0.60039	0.60045	6e-05
72	0	CORRELATION	0.60019	0.60023	4e-05
73	0	CORRELATION	0.60009	0.60015	6e-05

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	0.60009	0.60022	0.60039	0.00015275	0.60015	0.60028	0.60045	0.00015535	4e-05	5.3333e-05	6e-05	1.1547e-05
3	0.59976	0.60006	0.60027	0.00017169	0.59979	0.6001	0.60039	0.00018445	-9e-05	4.4e-05	0.00012	7.1523e-05
10	0.59957	0.6	0.60032	0.00025148	0.59954	0.60005	0.6005	0.00033385	-0.00014	5.1e-05	0.00019	0.00011723
30	0.59972	0.59996	0.60024	0.00018299	0.59963	0.59998	0.60043	0.00027921	-0.00038	1.4e-05	0.00046	0.00028578
50	0.59955	0.59993	0.60023	0.00019402	0.59915	0.59993	0.60097	0.00049401	-0.00061	-4e-06	0.00103	0.00043917
100	0.59965	0.60006	0.60033	0.00025145	0.59906	0.59987	0.60101	0.00063257	-0.0009	-0.000188	0.0007	0.00048138

Device Test: 19.42 VOLTAGE|OFFSET//5/5/0/0/5/500kHz//@EA_OS





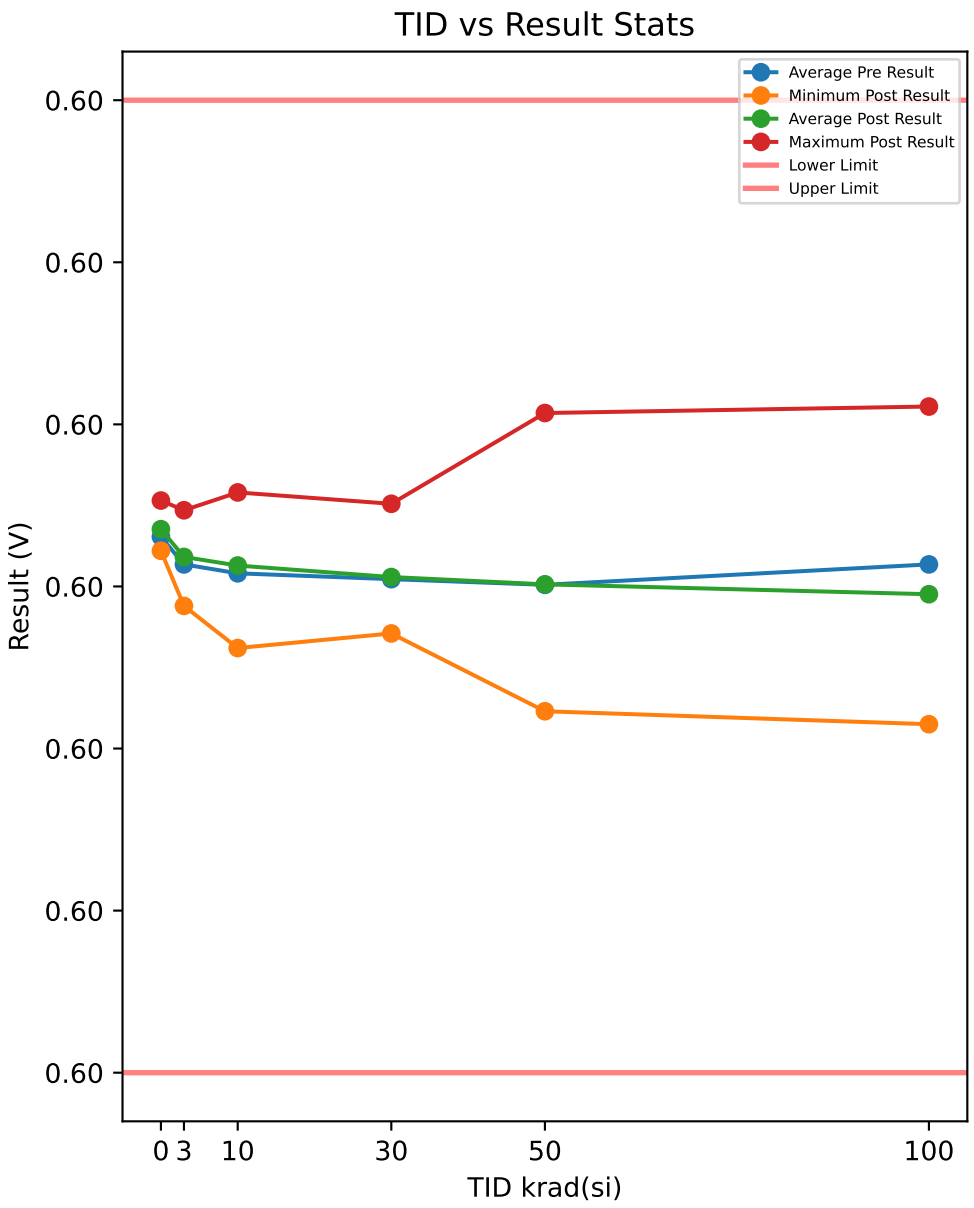
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

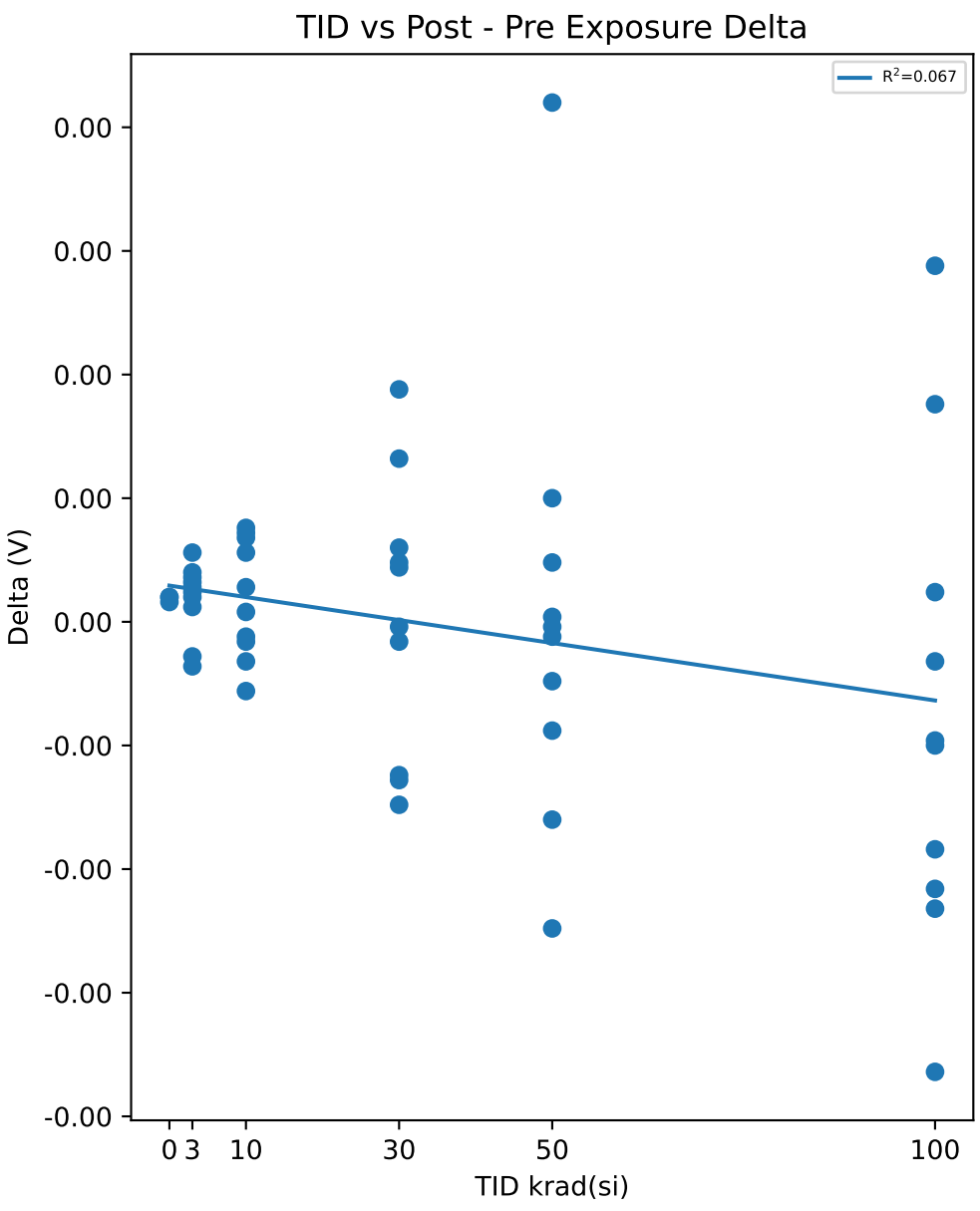
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5633	0.6231	0.0598
2	3	HDR BIAS	1.1946	1.2425	0.0479
3	3	HDR BIAS	-0.1719	-0.1552	0.0167
4	3	HDR BIAS	-0.0958	-0.0473	0.0485
5	3	HDR BIAS	0.4749	0.5434	0.0685
6	3	HDR UNBIAS	0.5647	0.5973	0.0326
7	3	HDR UNBIAS	0.4151	0.4654	0.0503
8	3	HDR UNBIAS	-0.2404	-0.2133	0.0271
9	3	HDR UNBIAS	0.4606	0.5038	0.0432
10	3	HDR UNBIAS	0.6126	0.6656	0.053
11	10	HDR BIAS	-0.448	-0.4207	0.0273
12	10	HDR BIAS	0.1979	0.2437	0.0458
13	10	HDR BIAS	0.1174	0.213	0.0956
14	10	HDR BIAS	0.3528	0.4058	0.053
15	10	HDR BIAS	0.6647	0.7026	0.0379
16	10	HDR UNBIAS	0.9624	1.0356	0.0732
17	10	HDR UNBIAS	-0.365	-0.3179	0.0471
18	10	HDR UNBIAS	0.0339	0.0812	0.0473
19	10	HDR UNBIAS	0.5471	0.5721	0.025
20	10	HDR UNBIAS	-0.2181	-0.1855	0.0326
31	30	HDR BIAS	-0.7208	-0.6918	0.029
32	30	HDR BIAS	0.2352	0.3918	0.1566
33	30	HDR BIAS	1.5223	1.5475	0.0252
34	30	HDR BIAS	0.9115	1.0226	0.1111
35	30	HDR BIAS	0.548	0.6104	0.0624
36	30	HDR UNBIAS	1.9039	1.9299	0.026
37	30	HDR UNBIAS	-1.5202	-1.3911	0.1291
38	30	HDR UNBIAS	1.2845	1.3282	0.0437
39	30	HDR UNBIAS	-0.0769	-0.0512	0.0257
40	30	HDR UNBIAS	0.2167	0.3331	0.1164
41	50	HDR BIAS	0.2815	0.3419	0.0604
42	50	HDR BIAS	0.5125	0.6041	0.0916
43	50	HDR BIAS	0.0286	0.0497	0.0211
44	50	HDR BIAS	-0.228	-0.1759	0.0521
45	50	HDR BIAS	1.4481	1.488	0.0399
46	50	HDR UNBIAS	0.6998	0.7862	0.0864
47	50	HDR UNBIAS	0.2845	0.3518	0.0673
48	50	HDR UNBIAS	-0.1103	-0.0693	0.041
49	50	HDR UNBIAS	-0.1806	-0.0447	0.1359
50	50	HDR UNBIAS	0.339	0.4828	0.1438
51	100	HDR BIAS	-1.0128	-0.8192	0.1936
52	100	HDR BIAS	0.7393	0.8815	0.1422
53	100	HDR BIAS	0.5763	0.6727	0.0964
54	100	HDR BIAS	0.3537	0.5692	0.2155
55	100	HDR BIAS	0.8615	1.0451	0.1836
56	100	HDR UNBIAS	1.3029	1.3479	0.045
57	100	HDR UNBIAS	1.5031	1.6131	0.11
58	100	HDR UNBIAS	1.4799	1.6055	0.1256
59	100	HDR UNBIAS	0.1712	0.2952	0.124
60	100	HDR UNBIAS	-0.1965	-0.0553	0.1412
71	0	CORRELATION	0.9708	1.0212	0.0504
72	0	CORRELATION	0.0569	0.082	0.0251
73	0	CORRELATION	0.2138	0.2471	0.0333

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	0.0569	0.41383	0.9708	0.48869	0.082	0.4501	1.0212	0.50143	0.0251	0.036267	0.0504	0.012908
3	-0.2404	0.37777	1.1946	0.4369	-0.2133	0.42253	1.2425	0.44523	0.0167	0.04476	0.0685	0.015498
10	-0.448	0.18451	0.9624	0.45789	-0.4207	0.23299	1.0356	0.46417	0.025	0.04848	0.0956	0.02167
30	-1.5202	0.43042	1.9039	1.044	-1.3911	0.50294	1.9299	1.0249	0.0252	0.07252	0.1566	0.05067
50	-0.228	0.30751	1.4481	0.50293	-0.1759	0.38146	1.488	0.50067	0.0211	0.07395	0.1438	0.040725
100	-1.0128	0.57786	1.5031	0.79214	-0.8192	0.71557	1.6131	0.76618	0.045	0.13771	0.2155	0.050241

Device Test: 19.43 VOLTAGE|VREF//12/12/0/0/5/500kHz//@VREF_25C





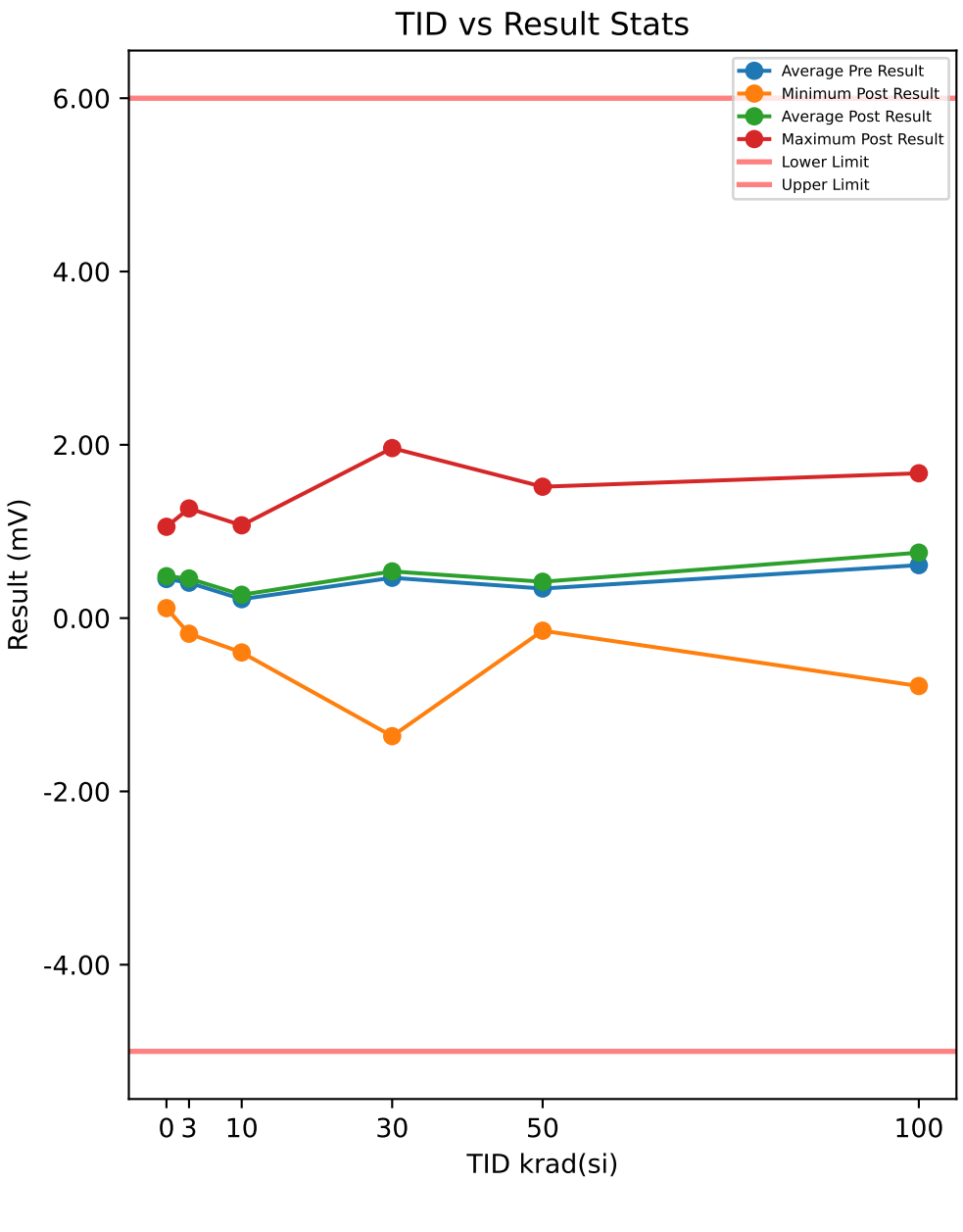
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

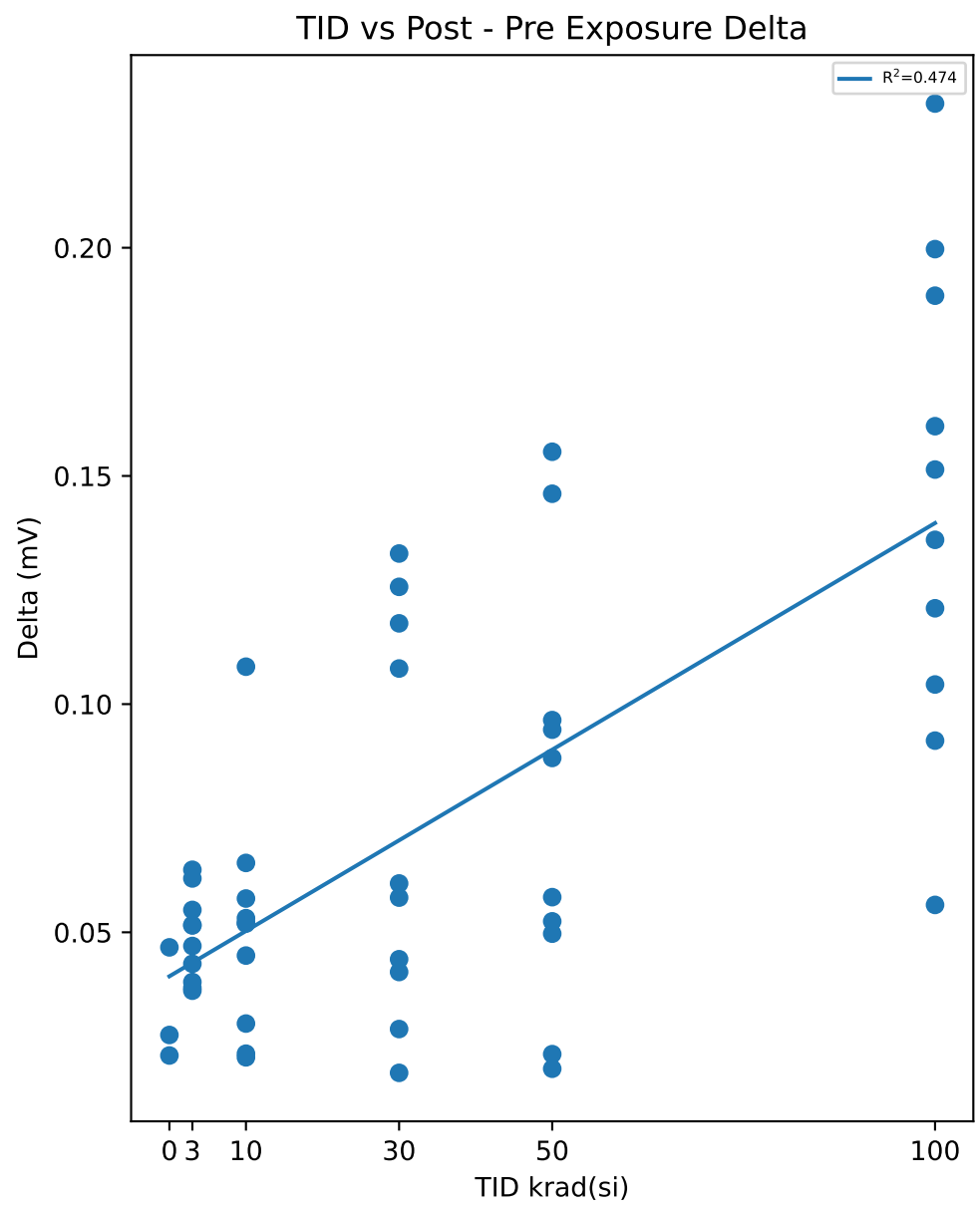
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59997	0.60002	5e-05
2	3	HDR BIAS	0.60025	0.60016	-9e-05
3	3	HDR BIAS	0.60031	0.60039	8e-05
4	3	HDR BIAS	0.60009	0.60019	0.0001
5	3	HDR BIAS	0.60024	0.6003	6e-05
6	3	HDR UNBIAS	0.60012	0.60005	-7e-05
7	3	HDR UNBIAS	0.60024	0.60031	7e-05
8	3	HDR UNBIAS	0.60033	0.60047	0.00014
9	3	HDR UNBIAS	0.59996	0.60005	9e-05
10	3	HDR UNBIAS	0.59985	0.59988	3e-05
11	10	HDR BIAS	0.6004	0.60058	0.00018
12	10	HDR BIAS	0.59996	0.60003	7e-05
13	10	HDR BIAS	0.6003	0.60047	0.00017
14	10	HDR BIAS	0.59966	0.59962	-4e-05
15	10	HDR BIAS	0.60021	0.60007	-0.00014
16	10	HDR UNBIAS	0.60006	0.6002	0.00014
17	10	HDR UNBIAS	0.59977	0.59969	-8e-05
18	10	HDR UNBIAS	0.60034	0.60053	0.00019
19	10	HDR UNBIAS	0.5999	0.59987	-3e-05
20	10	HDR UNBIAS	0.60021	0.60023	2e-05
31	30	HDR BIAS	0.60003	0.59971	-0.00032
32	30	HDR BIAS	0.60022	0.60034	0.00012
33	30	HDR BIAS	0.60017	0.59986	-0.00031
34	30	HDR BIAS	0.5998	0.59995	0.00015
35	30	HDR BIAS	0.59979	0.60026	0.00047
36	30	HDR UNBIAS	0.60018	0.60051	0.00033
37	30	HDR UNBIAS	0.59994	0.5999	-4e-05
38	30	HDR UNBIAS	0.60014	0.59977	-0.00037
39	30	HDR UNBIAS	0.59985	0.59996	0.00011
40	30	HDR UNBIAS	0.60033	0.60032	-1e-05
41	50	HDR BIAS	0.59995	0.59933	-0.00062
42	50	HDR BIAS	0.59996	0.60008	0.00012
43	50	HDR BIAS	0.59997	0.59996	-1e-05
44	50	HDR BIAS	0.59963	0.59923	-0.0004
45	50	HDR BIAS	0.60011	0.60008	-3e-05
46	50	HDR UNBIAS	0.60002	0.60107	0.00105
47	50	HDR UNBIAS	0.60013	0.60014	1e-05
48	50	HDR UNBIAS	0.6002	0.59998	-0.00022
49	50	HDR UNBIAS	0.6003	0.60018	-0.00012
50	50	HDR UNBIAS	0.59983	0.60008	0.00025
51	100	HDR BIAS	0.60042	0.60018	-0.00024
52	100	HDR BIAS	0.59973	0.59915	-0.00058
53	100	HDR BIAS	0.60035	0.59944	-0.00091
54	100	HDR BIAS	0.59999	0.59974	-0.00025
55	100	HDR BIAS	0.59986	0.5994	-0.00046
56	100	HDR UNBIAS	0.60034	0.60078	0.00044
57	100	HDR UNBIAS	0.59991	0.59983	-8e-05
58	100	HDR UNBIAS	0.60009	0.59955	-0.00054
59	100	HDR UNBIAS	0.60028	0.60034	6e-05
60	100	HDR UNBIAS	0.60039	0.60111	0.00072
71	0	CORRELATION	0.60048	0.60053	5e-05
72	0	CORRELATION	0.60027	0.60031	4e-05
73	0	CORRELATION	0.60017	0.60022	5e-05

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	0.60017	0.60031	0.60048	0.00015822	0.60022	0.60035	0.60053	0.00015948	4e-05	4.6667e-05	5e-05	5.7735e-06
3	0.59985	0.60014	0.60033	0.00016507	0.59988	0.60018	0.60047	0.0001854	-9e-05	4.6e-05	0.00014	7.2908e-05
10	0.59966	0.60008	0.6004	0.00025208	0.59962	0.60013	0.60058	0.00033795	-0.00014	4.8e-05	0.00019	0.00011915
30	0.59979	0.60004	0.60033	0.00019121	0.59971	0.60006	0.60051	0.00027543	-0.00037	1.3e-05	0.00047	0.0002817
50	0.59963	0.60001	0.6003	0.00019125	0.59923	0.60001	0.60107	0.00050091	-0.00062	3e-06	0.00105	0.00044567
100	0.59973	0.60014	0.60042	0.0002514	0.59915	0.59995	0.60111	0.00063775	-0.00091	-0.000184	0.00072	0.00049117

Device Test: 19.45 VOLTAGE|OFFSET//12/12/0/0/5/500kHz//@EA_OS





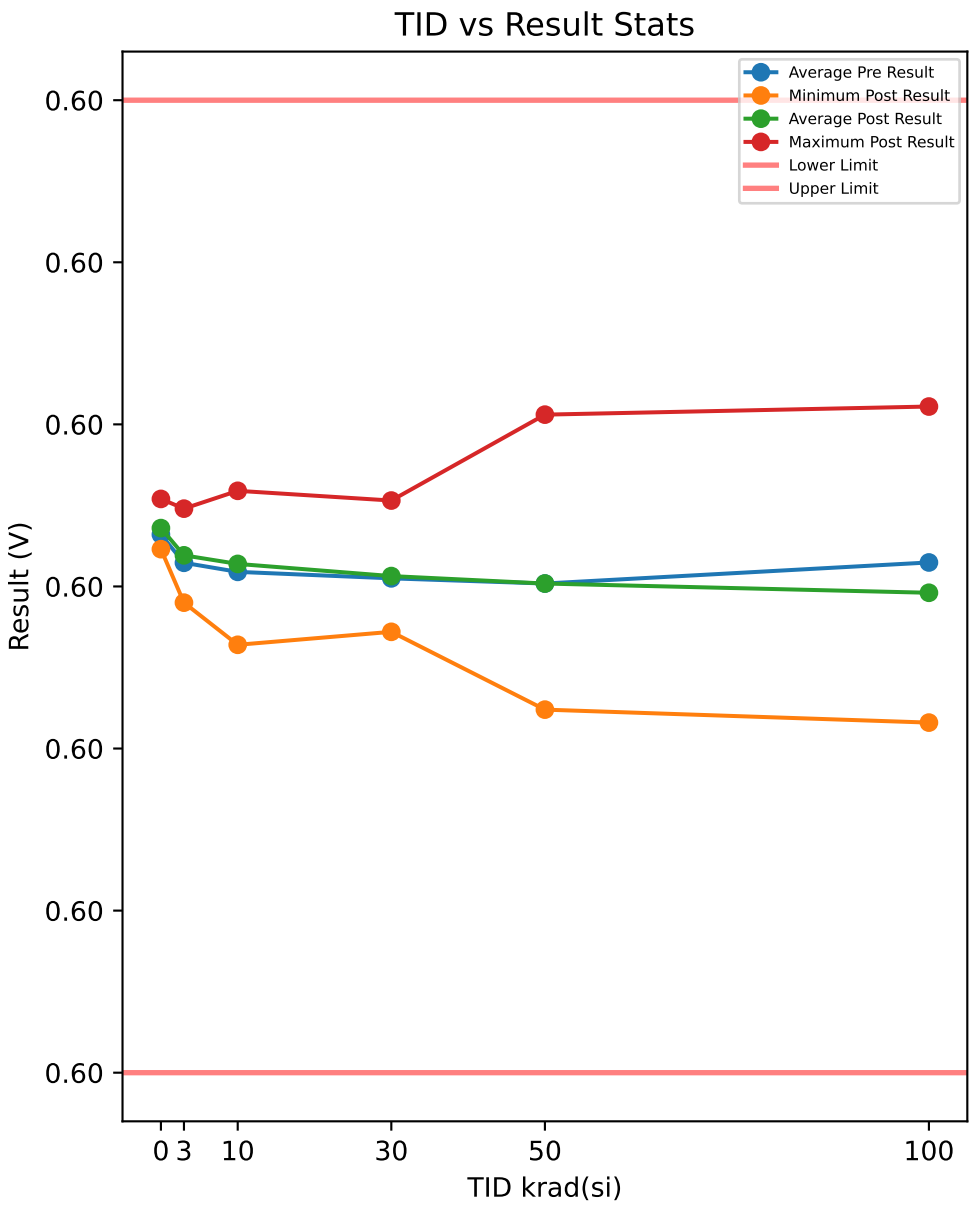
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

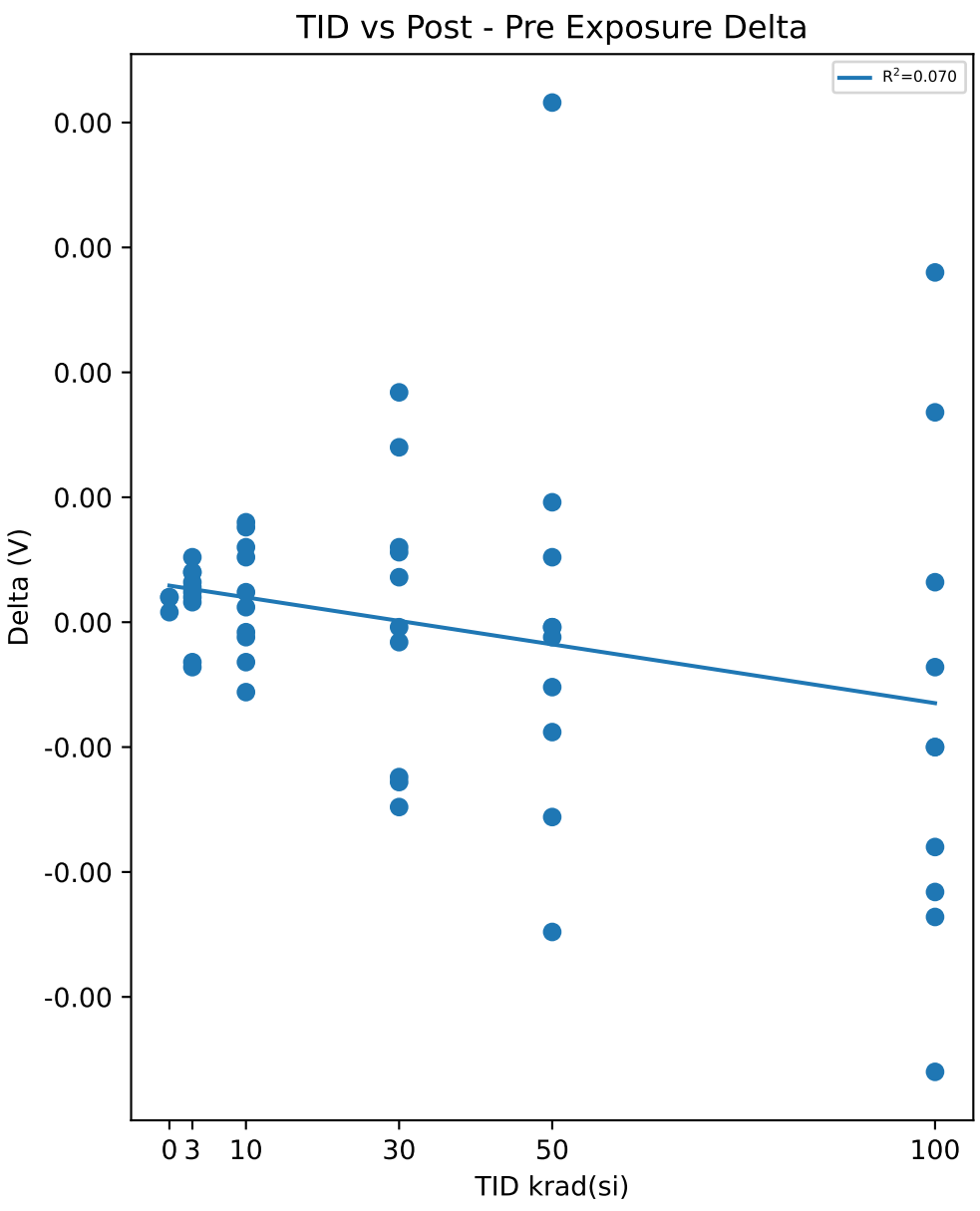
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6027	0.6664	0.0637
2	3	HDR BIAS	1.2139	1.2654	0.0515
3	3	HDR BIAS	-0.1479	-0.1088	0.0391
4	3	HDR BIAS	-0.0605	-0.0056	0.0549
5	3	HDR BIAS	0.5152	0.553	0.0378
6	3	HDR UNBIAS	0.5889	0.6359	0.047
7	3	HDR UNBIAS	0.4556	0.5072	0.0516
8	3	HDR UNBIAS	-0.2231	-0.18	0.0431
9	3	HDR UNBIAS	0.4944	0.5316	0.0372
10	3	HDR UNBIAS	0.6481	0.7099	0.0618
11	10	HDR BIAS	-0.4201	-0.3967	0.0234
12	10	HDR BIAS	0.2273	0.2794	0.0521
13	10	HDR BIAS	0.1551	0.2633	0.1082
14	10	HDR BIAS	0.3889	0.4408	0.0519
15	10	HDR BIAS	0.6895	0.7344	0.0449
16	10	HDR UNBIAS	1.0058	1.071	0.0652
17	10	HDR UNBIAS	-0.3346	-0.2815	0.0531
18	10	HDR UNBIAS	0.075	0.1324	0.0574
19	10	HDR UNBIAS	0.5822	0.6048	0.0226
20	10	HDR UNBIAS	-0.1825	-0.1525	0.03
31	30	HDR BIAS	-0.6932	-0.6491	0.0441
32	30	HDR BIAS	0.2918	0.4175	0.1257
33	30	HDR BIAS	1.5568	1.5856	0.0288
34	30	HDR BIAS	0.9276	1.0606	0.133
35	30	HDR BIAS	0.5784	0.6391	0.0607
36	30	HDR UNBIAS	1.9429	1.9621	0.0192
37	30	HDR UNBIAS	-1.4801	-1.3624	0.1177
38	30	HDR UNBIAS	1.3085	1.3661	0.0576
39	30	HDR UNBIAS	-0.0427	-0.0014	0.0413
40	30	HDR UNBIAS	0.2637	0.3715	0.1078
41	50	HDR BIAS	0.3111	0.3688	0.0577
42	50	HDR BIAS	0.5471	0.6415	0.0944
43	50	HDR BIAS	0.0518	0.0719	0.0201
44	50	HDR BIAS	-0.1951	-0.1454	0.0497
45	50	HDR BIAS	1.493	1.5163	0.0233
46	50	HDR UNBIAS	0.7405	0.837	0.0965
47	50	HDR UNBIAS	0.3074	0.3956	0.0882
48	50	HDR UNBIAS	-0.0751	-0.0227	0.0524
49	50	HDR UNBIAS	-0.1501	0.0052	0.1553
50	50	HDR UNBIAS	0.3829	0.529	0.1461
51	100	HDR BIAS	-0.9836	-0.7839	0.1997
52	100	HDR BIAS	0.771	0.9224	0.1514
53	100	HDR BIAS	0.612	0.704	0.092
54	100	HDR BIAS	0.3855	0.6171	0.2316
55	100	HDR BIAS	0.8936	1.0831	0.1895
56	100	HDR UNBIAS	1.3314	1.3874	0.056
57	100	HDR UNBIAS	1.5354	1.6714	0.136
58	100	HDR UNBIAS	1.5203	1.6246	0.1043
59	100	HDR UNBIAS	0.2122	0.3332	0.121
60	100	HDR UNBIAS	-0.1649	-0.004	0.1609
71	0	CORRELATION	1.0073	1.054	0.0467
72	0	CORRELATION	0.0875	0.115	0.0275
73	0	CORRELATION	0.2584	0.2814	0.023

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	0.0875	0.45107	1.0073	0.48923	0.115	0.48347	1.054	0.50105	0.023	0.0324	0.0467	0.012587
3	-0.2231	0.40873	1.2139	0.4379	-0.18	0.4575	1.2654	0.44102	0.0372	0.04877	0.0637	0.0095958
10	-0.4201	0.21866	1.0058	0.45974	-0.3967	0.26954	1.071	0.46485	0.0226	0.05088	0.1082	0.024871
30	-1.4801	0.46537	1.9429	1.0418	-1.3624	0.53896	1.9621	1.0246	0.0192	0.07359	0.133	0.043024
50	-0.1951	0.34135	1.493	0.50753	-0.1454	0.41972	1.5163	0.49987	0.0201	0.07837	0.1553	0.046595
100	-0.9836	0.61129	1.5354	0.79306	-0.7839	0.75553	1.6714	0.76561	0.056	0.14424	0.2316	0.053545

Device Test: 19.46 VOLTAGE|VREF//14/14/0/0/5/500kHz//@VREF_25C





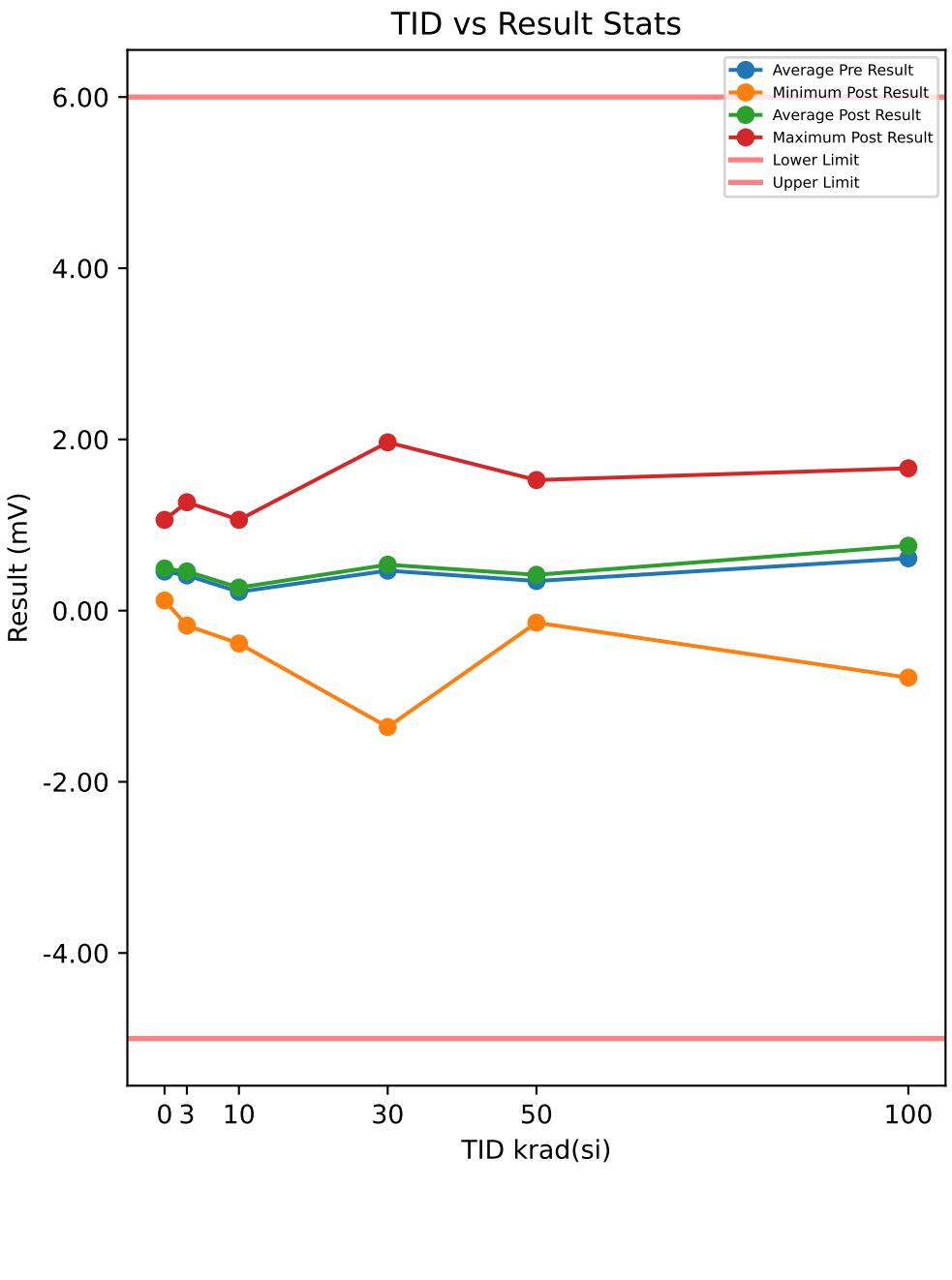
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

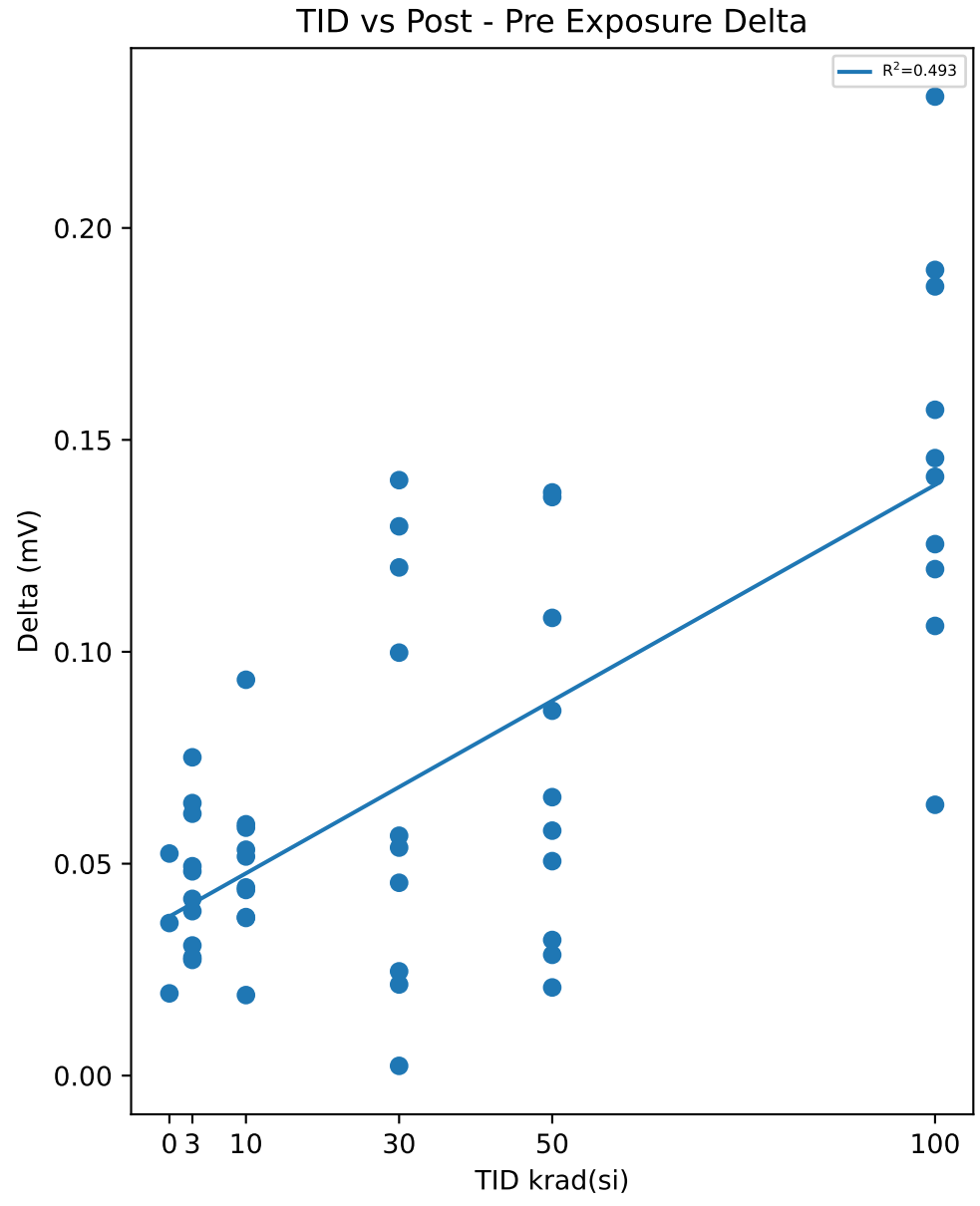
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59997	0.60003	6e-05
2	3	HDR BIAS	0.60027	0.60018	-9e-05
3	3	HDR BIAS	0.60032	0.60039	7e-05
4	3	HDR BIAS	0.6001	0.6002	0.0001
5	3	HDR BIAS	0.60026	0.60031	5e-05
6	3	HDR UNBIAS	0.60013	0.60005	-8e-05
7	3	HDR UNBIAS	0.60024	0.60032	8e-05
8	3	HDR UNBIAS	0.60035	0.60048	0.00013
9	3	HDR UNBIAS	0.59996	0.60006	0.0001
10	3	HDR UNBIAS	0.59986	0.5999	4e-05
11	10	HDR BIAS	0.6004	0.60059	0.00019
12	10	HDR BIAS	0.59997	0.60003	6e-05
13	10	HDR BIAS	0.60032	0.60047	0.00015
14	10	HDR BIAS	0.59967	0.59964	-3e-05
15	10	HDR BIAS	0.60022	0.60008	-0.00014
16	10	HDR UNBIAS	0.60007	0.6002	0.00013
17	10	HDR UNBIAS	0.59978	0.5997	-8e-05
18	10	HDR UNBIAS	0.60034	0.60054	0.0002
19	10	HDR UNBIAS	0.59992	0.5999	-2e-05
20	10	HDR UNBIAS	0.60021	0.60024	3e-05
31	30	HDR BIAS	0.60003	0.59972	-0.00031
32	30	HDR BIAS	0.60021	0.60035	0.00014
33	30	HDR BIAS	0.60018	0.59986	-0.00032
34	30	HDR BIAS	0.59981	0.59996	0.00015
35	30	HDR BIAS	0.59979	0.60025	0.00046
36	30	HDR UNBIAS	0.60018	0.60053	0.00035
37	30	HDR UNBIAS	0.59995	0.59991	-4e-05
38	30	HDR UNBIAS	0.60015	0.59978	-0.00037
39	30	HDR UNBIAS	0.59986	0.59995	9e-05
40	30	HDR UNBIAS	0.60034	0.60033	-1e-05
41	50	HDR BIAS	0.59996	0.59934	-0.00062
42	50	HDR BIAS	0.59996	0.60009	0.00013
43	50	HDR BIAS	0.59997	0.59996	-1e-05
44	50	HDR BIAS	0.59963	0.59924	-0.00039
45	50	HDR BIAS	0.60012	0.60009	-3e-05
46	50	HDR UNBIAS	0.60002	0.60106	0.00104
47	50	HDR UNBIAS	0.60015	0.60014	-1e-05
48	50	HDR UNBIAS	0.60021	0.59999	-0.00022
49	50	HDR UNBIAS	0.60032	0.60019	-0.00013
50	50	HDR UNBIAS	0.59984	0.60008	0.00024
51	100	HDR BIAS	0.60044	0.60019	-0.00025
52	100	HDR BIAS	0.59975	0.59916	-0.00059
53	100	HDR BIAS	0.60036	0.59946	-0.0009
54	100	HDR BIAS	0.6	0.59975	-0.00025
55	100	HDR BIAS	0.59986	0.59941	-0.00045
56	100	HDR UNBIAS	0.60036	0.60078	0.00042
57	100	HDR UNBIAS	0.59993	0.59984	-9e-05
58	100	HDR UNBIAS	0.6001	0.59956	-0.00054
59	100	HDR UNBIAS	0.60027	0.60035	8e-05
60	100	HDR UNBIAS	0.60041	0.60111	0.0007
71	0	CORRELATION	0.60049	0.60054	5e-05
72	0	CORRELATION	0.60029	0.60031	2e-05
73	0	CORRELATION	0.60018	0.60023	5e-05

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	0.60018	0.60032	0.60049	0.00015716	0.60023	0.60036	0.60054	0.00016093	2e-05	4e-05	5e-05	1.7321e-05
3	0.59986	0.60015	0.60035	0.00016959	0.5999	0.60019	0.60048	0.00018311	-9e-05	4.6e-05	0.00013	7.3967e-05
10	0.59967	0.60009	0.6004	0.00024922	0.59964	0.60014	0.60059	0.00033365	-0.00014	4.9e-05	0.0002	0.00011704
30	0.59979	0.60005	0.60034	0.00019009	0.59972	0.60006	0.60053	0.00027738	-0.00037	1.4e-05	0.00046	0.00028273
50	0.59963	0.60002	0.60032	0.0001964	0.59924	0.60002	0.60106	0.00049593	-0.00062	0	0.00104	0.00044209
100	0.59975	0.60015	0.60044	0.00025205	0.59916	0.59996	0.60111	0.00063341	-0.0009	-0.000187	0.0007	0.00048401

Device Test: 19.48 VOLTAGE|OFFSET//14/14/0/0/5/500kHz//@EA_OS





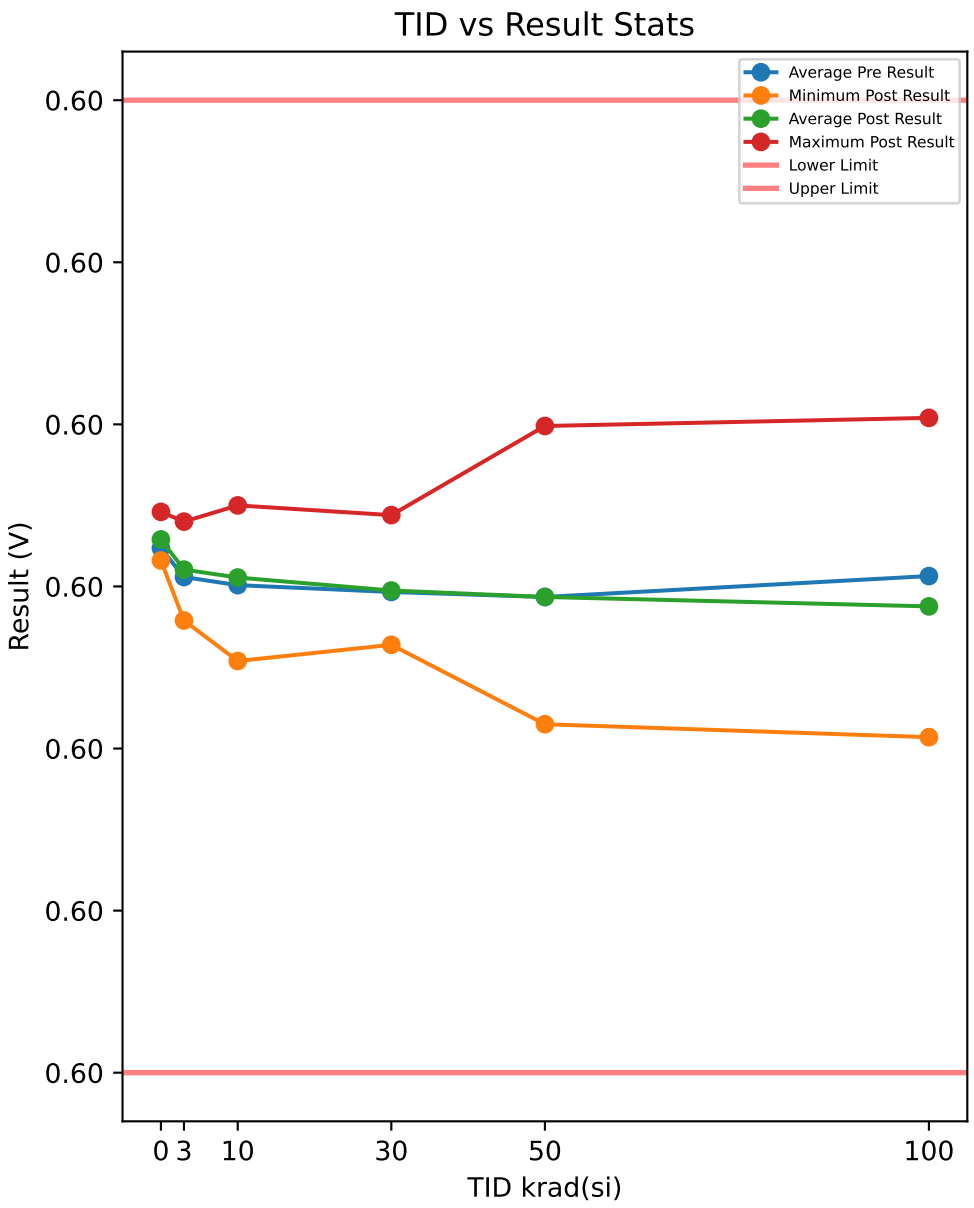
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

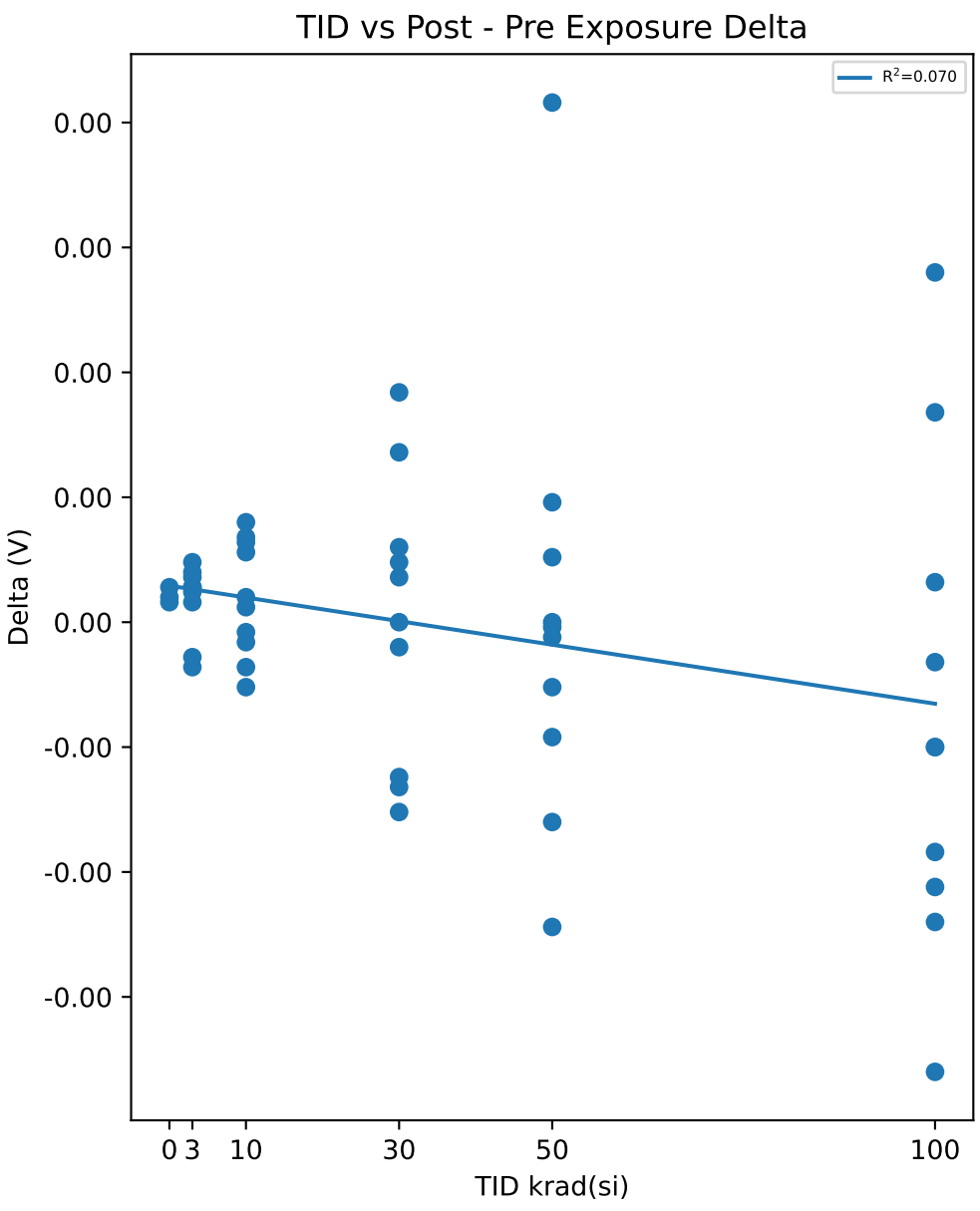
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5926	0.6677	0.0751
2	3	HDR BIAS	1.218	1.2662	0.0482
3	3	HDR BIAS	-0.1452	-0.1173	0.0279
4	3	HDR BIAS	-0.0556	-0.0062	0.0494
5	3	HDR BIAS	0.5206	0.5594	0.0388
6	3	HDR UNBIAS	0.5967	0.624	0.0273
7	3	HDR UNBIAS	0.4464	0.5082	0.0618
8	3	HDR UNBIAS	-0.2053	-0.1746	0.0307
9	3	HDR UNBIAS	0.4966	0.5383	0.0417
10	3	HDR UNBIAS	0.6492	0.7135	0.0643
11	10	HDR BIAS	-0.4282	-0.3838	0.0444
12	10	HDR BIAS	0.2375	0.2813	0.0438
13	10	HDR BIAS	0.1593	0.2527	0.0934
14	10	HDR BIAS	0.3917	0.445	0.0533
15	10	HDR BIAS	0.7041	0.7231	0.019
16	10	HDR UNBIAS	1.0015	1.0608	0.0593
17	10	HDR UNBIAS	-0.3343	-0.2826	0.0517
18	10	HDR UNBIAS	0.0662	0.1247	0.0585
19	10	HDR UNBIAS	0.5806	0.6178	0.0372
20	10	HDR UNBIAS	-0.1847	-0.1473	0.0374
31	30	HDR BIAS	-0.6907	-0.6452	0.0455
32	30	HDR BIAS	0.2785	0.419	0.1405
33	30	HDR BIAS	1.5634	1.5849	0.0215
34	30	HDR BIAS	0.927	1.0566	0.1296
35	30	HDR BIAS	0.573	0.6268	0.0538
36	30	HDR UNBIAS	1.9412	1.9658	0.0246
37	30	HDR UNBIAS	-1.4798	-1.3599	0.1199
38	30	HDR UNBIAS	1.316	1.3726	0.0566
39	30	HDR UNBIAS	-0.0222	-0.0199	0.0023
40	30	HDR UNBIAS	0.2661	0.3659	0.0998
41	50	HDR BIAS	0.3155	0.3661	0.0506
42	50	HDR BIAS	0.5472	0.6552	0.108
43	50	HDR BIAS	0.0608	0.0816	0.0208
44	50	HDR BIAS	-0.1984	-0.1406	0.0578
45	50	HDR BIAS	1.4969	1.5254	0.0285
46	50	HDR UNBIAS	0.7354	0.8215	0.0861
47	50	HDR UNBIAS	0.3149	0.3806	0.0657
48	50	HDR UNBIAS	-0.0584	-0.0264	0.032
49	50	HDR UNBIAS	-0.1433	-0.0068	0.1365
50	50	HDR UNBIAS	0.3852	0.5228	0.1376
51	100	HDR BIAS	-0.9689	-0.7827	0.1862
52	100	HDR BIAS	0.7746	0.9203	0.1457
53	100	HDR BIAS	0.6064	0.7125	0.1061
54	100	HDR BIAS	0.3832	0.6142	0.231
55	100	HDR BIAS	0.8988	1.0889	0.1901
56	100	HDR UNBIAS	1.3249	1.3888	0.0639
57	100	HDR UNBIAS	1.5372	1.6626	0.1254
58	100	HDR UNBIAS	1.5212	1.6407	0.1195
59	100	HDR UNBIAS	0.201	0.3423	0.1413
60	100	HDR UNBIAS	-0.1677	-0.0106	0.1571
71	0	CORRELATION	1.0079	1.0603	0.0524
72	0	CORRELATION	0.099	0.1184	0.0194
73	0	CORRELATION	0.2616	0.2976	0.036

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	0.099	0.45617	1.0079	0.48468	0.1184	0.4921	1.0603	0.50017	0.0194	0.035933	0.0524	0.0165
3	-0.2053	0.4114	1.218	0.43499	-0.1746	0.45792	1.2662	0.4417	0.0273	0.04652	0.0751	0.016421
10	-0.4282	0.21937	1.0015	0.46229	-0.3838	0.26917	1.0608	0.46077	0.019	0.0498	0.0934	0.019462
30	-1.4798	0.46725	1.9412	1.0416	-1.3599	0.53666	1.9658	1.0255	0.0023	0.06941	0.1405	0.049369
50	-0.1984	0.34558	1.4969	0.50561	-0.1406	0.41794	1.5254	0.50151	0.0208	0.07236	0.1376	0.043166
100	-0.9689	0.61107	1.5372	0.79078	-0.7827	0.7577	1.6626	0.76676	0.0639	0.14663	0.231	0.047594

Device Test: 19.49 VOLTAGE|VREF//4.5/4.5/0/0/4.5/1MHz//@VREF_25C





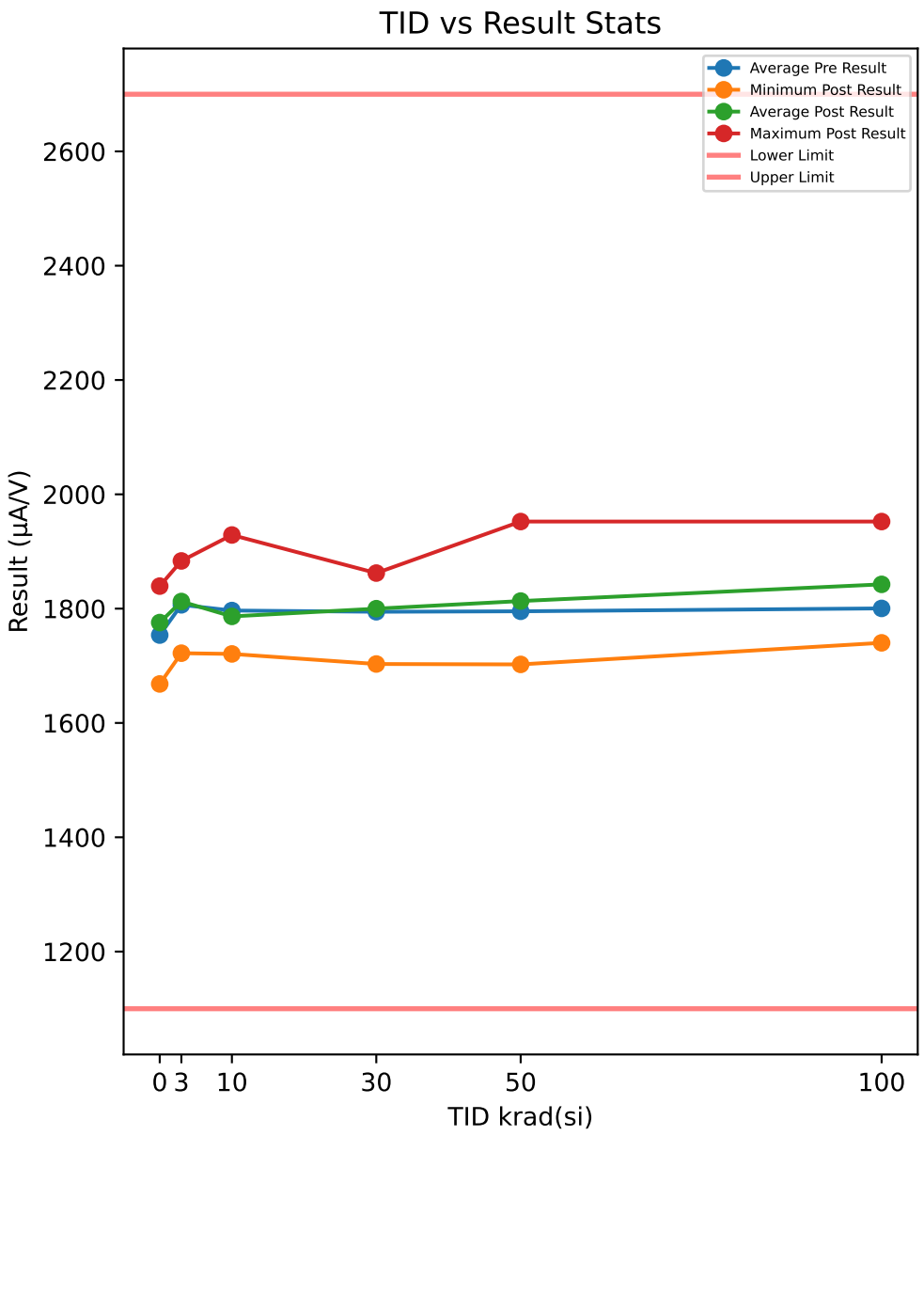
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

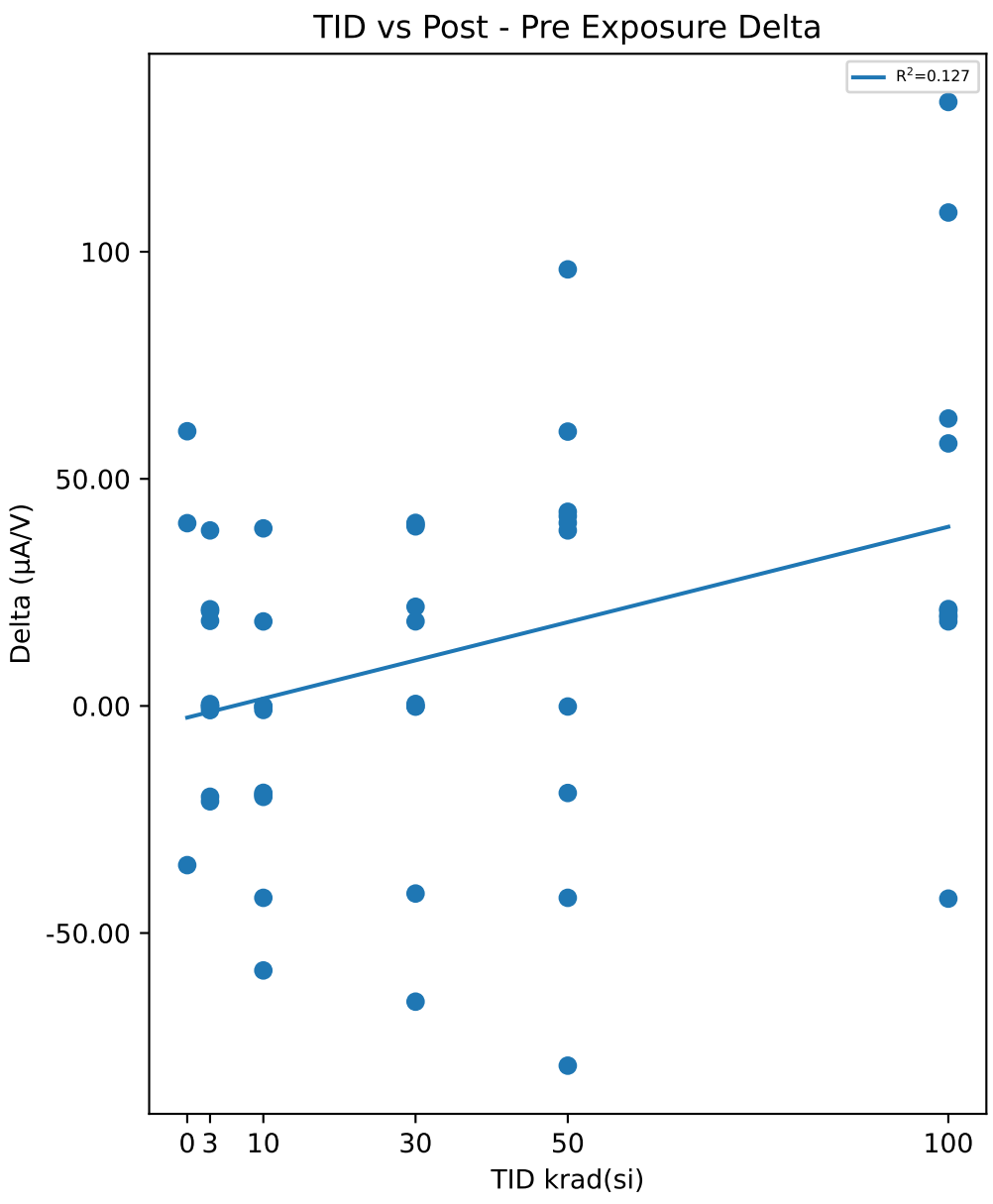
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59987	0.59994	7e-05
2	3	HDR BIAS	0.60017	0.60008	-9e-05
3	3	HDR BIAS	0.60025	0.60031	6e-05
4	3	HDR BIAS	0.60002	0.60011	9e-05
5	3	HDR BIAS	0.60014	0.60021	7e-05
6	3	HDR UNBIAS	0.60004	0.59997	-7e-05
7	3	HDR UNBIAS	0.60018	0.60025	7e-05
8	3	HDR UNBIAS	0.60028	0.6004	0.00012
9	3	HDR UNBIAS	0.59988	0.59998	0.0001
10	3	HDR UNBIAS	0.59975	0.59979	4e-05
11	10	HDR BIAS	0.60033	0.6005	0.00017
12	10	HDR BIAS	0.59989	0.59994	5e-05
13	10	HDR BIAS	0.60024	0.6004	0.00016
14	10	HDR BIAS	0.59958	0.59954	-4e-05
15	10	HDR BIAS	0.60014	0.60001	-0.00013
16	10	HDR UNBIAS	0.59999	0.60013	0.00014
17	10	HDR UNBIAS	0.5997	0.59961	-9e-05
18	10	HDR UNBIAS	0.60025	0.60045	0.0002
19	10	HDR UNBIAS	0.59984	0.59982	-2e-05
20	10	HDR UNBIAS	0.60012	0.60015	3e-05
31	30	HDR BIAS	0.59997	0.59964	-0.00033
32	30	HDR BIAS	0.60012	0.60024	0.00012
33	30	HDR BIAS	0.60008	0.59977	-0.00031
34	30	HDR BIAS	0.59973	0.59988	0.00015
35	30	HDR BIAS	0.59972	0.60018	0.00046
36	30	HDR UNBIAS	0.6001	0.60044	0.00034
37	30	HDR UNBIAS	0.59985	0.5998	-5e-05
38	30	HDR UNBIAS	0.60006	0.59968	-0.00038
39	30	HDR UNBIAS	0.59977	0.59986	9e-05
40	30	HDR UNBIAS	0.60026	0.60026	0
41	50	HDR BIAS	0.59987	0.59926	-0.00061
42	50	HDR BIAS	0.59988	0.60001	0.00013
43	50	HDR BIAS	0.59991	0.5999	-1e-05
44	50	HDR BIAS	0.59955	0.59915	-0.0004
45	50	HDR BIAS	0.60003	0.6	-3e-05
46	50	HDR UNBIAS	0.59995	0.60099	0.00104
47	50	HDR UNBIAS	0.60006	0.60006	0
48	50	HDR UNBIAS	0.60013	0.5999	-0.00023
49	50	HDR UNBIAS	0.60021	0.60008	-0.00013
50	50	HDR UNBIAS	0.59976	0.6	0.00024
51	100	HDR BIAS	0.60034	0.60009	-0.00025
52	100	HDR BIAS	0.59967	0.59907	-0.0006
53	100	HDR BIAS	0.60029	0.59939	-0.0009
54	100	HDR BIAS	0.59991	0.59966	-0.00025
55	100	HDR BIAS	0.59978	0.59932	-0.00046
56	100	HDR UNBIAS	0.60028	0.6007	0.00042
57	100	HDR UNBIAS	0.59983	0.59975	-8e-05
58	100	HDR UNBIAS	0.59999	0.59946	-0.00053
59	100	HDR UNBIAS	0.60021	0.60029	8e-05
60	100	HDR UNBIAS	0.60034	0.60104	0.0007
71	0	CORRELATION	0.60041	0.60046	5e-05
72	0	CORRELATION	0.60021	0.60025	4e-05
73	0	CORRELATION	0.60009	0.60016	7e-05

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	0.60009	0.60024	0.60041	0.00016166	0.60016	0.60029	0.60046	0.00015395	4e-05	5.3333e-05	7e-05	1.5275e-05
3	0.59975	0.60006	0.60028	0.00017763	0.59979	0.6001	0.6004	0.00018916	-9e-05	4.6e-05	0.00012	7.0111e-05
10	0.59958	0.60001	0.60033	0.0002509	0.59954	0.60006	0.6005	0.00033689	-0.00013	4.7e-05	0.0002	0.00011662
30	0.59972	0.59997	0.60026	0.00018798	0.59964	0.59997	0.60044	0.00027965	-0.00038	9e-06	0.00046	0.00028349
50	0.59955	0.59993	0.60021	0.0001901	0.59915	0.59993	0.60099	0.00049867	-0.00061	-1.1102e-17	0.00104	0.00044209
100	0.59967	0.60006	0.60034	0.00025631	0.59907	0.59988	0.60104	0.00063958	-0.0009	-0.000187	0.0007	0.000485

Device Test: 19.5 LEVEL|TRANSCONDUCTANCE//5/5/0/0/5/500kHz//@EA_GM





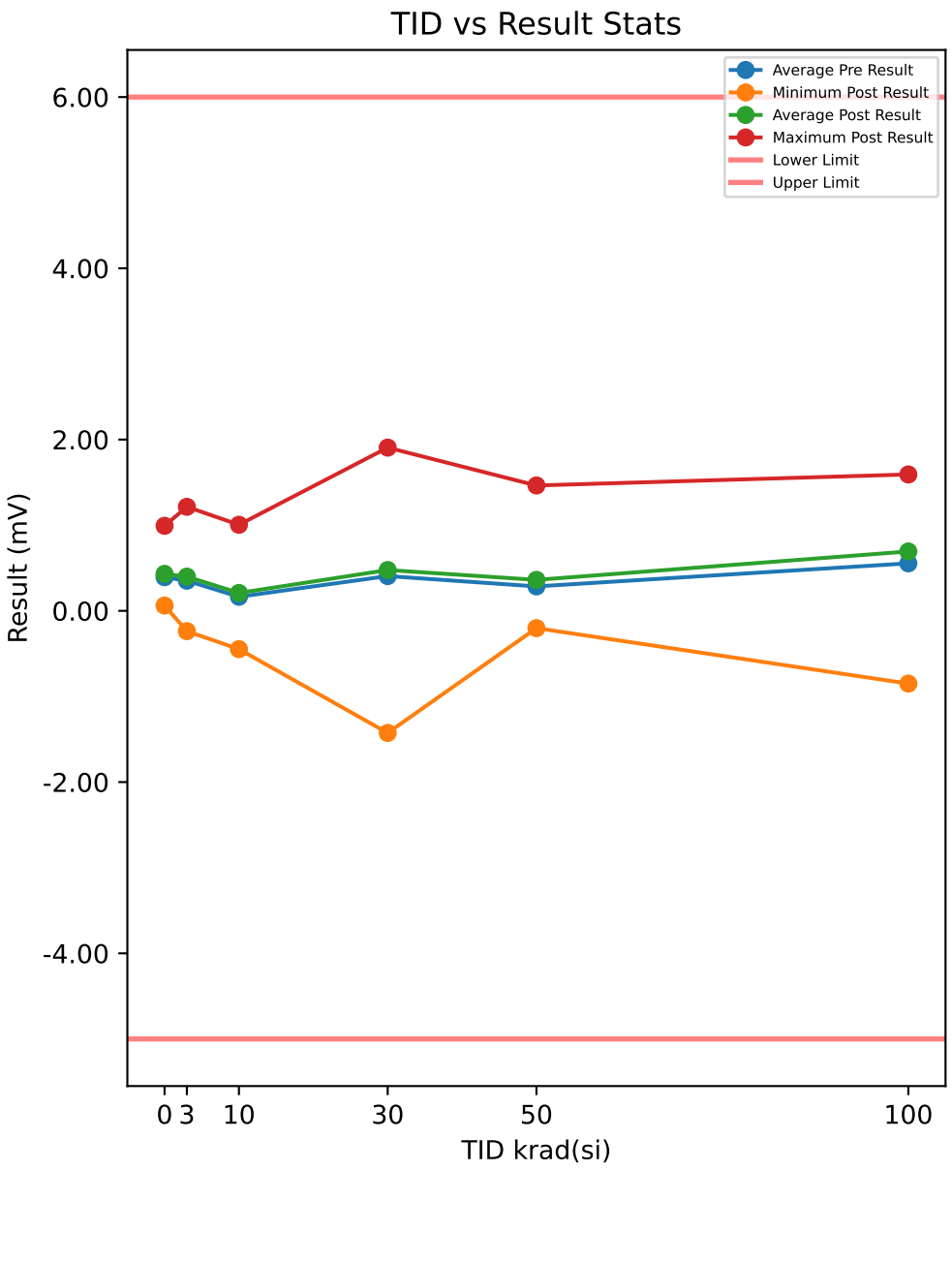
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

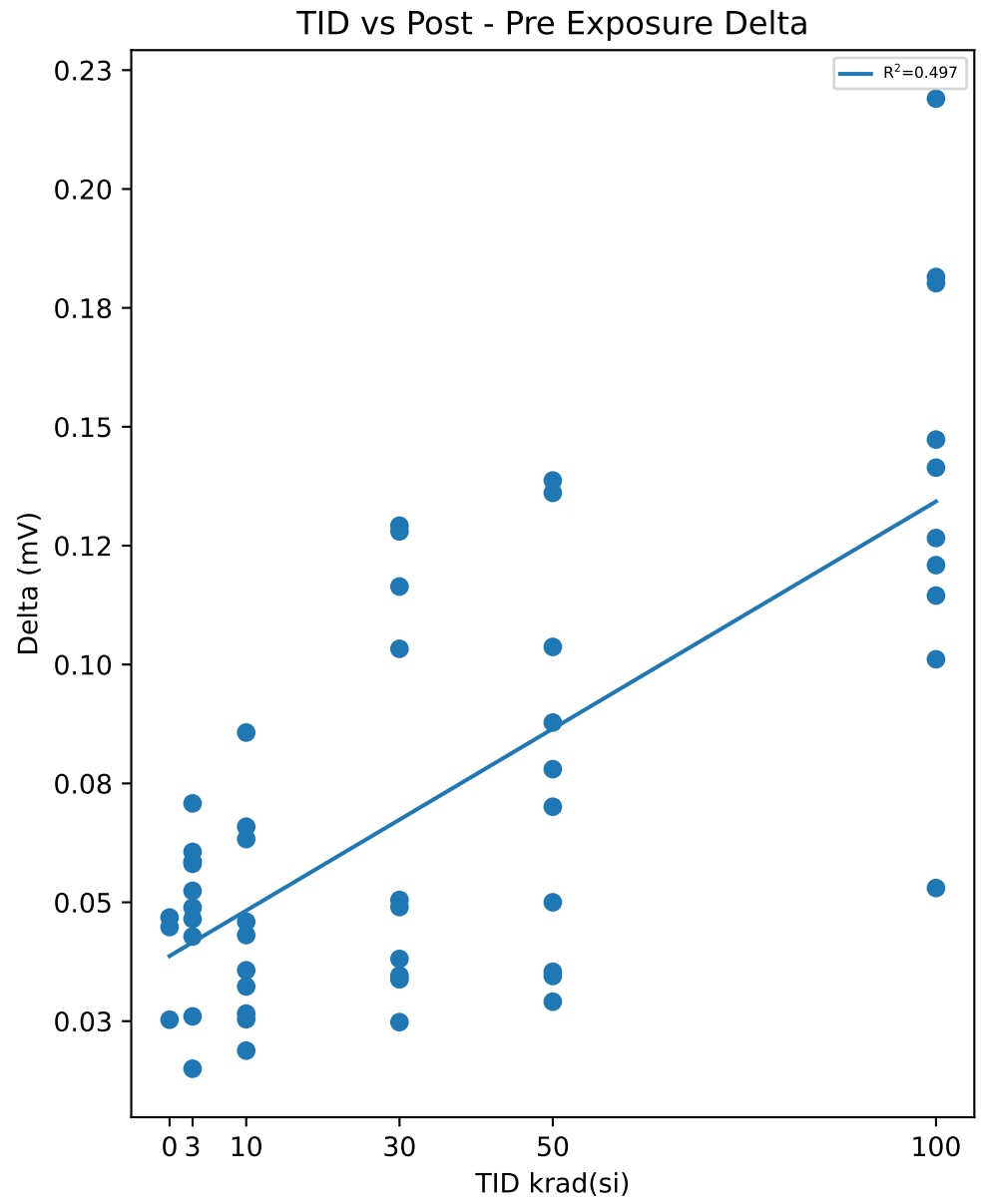
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1840.3	1861.6	21.287
2	3	HDR BIAS	1703.3	1722	18.733
3	3	HDR BIAS	1759.4	1798.1	38.646
4	3	HDR BIAS	1798.9	1798.8	-0.0965
5	3	HDR BIAS	1799	1819.9	20.871
6	3	HDR UNBIAS	1883.6	1882.7	-0.9195
7	3	HDR UNBIAS	1840.3	1819.3	-21.003
8	3	HDR UNBIAS	1799	1799.4	0.4148
9	3	HDR UNBIAS	1759.4	1739.4	-19.993
10	3	HDR UNBIAS	1883.6	1883.5	-0.1163
11	10	HDR BIAS	1740.3	1779.4	39.096
12	10	HDR BIAS	1840.3	1798.1	-42.248
13	10	HDR BIAS	1798.9	1798.8	-0.0965
14	10	HDR BIAS	1799	1740.8	-58.238
15	10	HDR BIAS	1740.3	1720.7	-19.563
16	10	HDR UNBIAS	1721.6	1740.2	18.606
17	10	HDR UNBIAS	1819.5	1799.4	-20.022
18	10	HDR UNBIAS	1799	1798.1	-0.8869
19	10	HDR UNBIAS	1929	1928.8	-0.1108
20	10	HDR UNBIAS	1779	1759.9	-19.128
31	30	HDR BIAS	1778.9	1819.3	40.307
32	30	HDR BIAS	1840.4	1862.2	21.837
33	30	HDR BIAS	1779	1818.5	39.539
34	30	HDR BIAS	1819.4	1819.3	-0.1282
35	30	HDR BIAS	1840.4	1840.8	0.4443
36	30	HDR UNBIAS	1819.4	1778.1	-41.303
37	30	HDR UNBIAS	1721.5	1740.2	18.624
38	30	HDR UNBIAS	1759.5	1799.4	39.96
39	30	HDR UNBIAS	1883.6	1818.5	-65.109
40	30	HDR UNBIAS	1703.2	1703.1	-0.1124
41	50	HDR BIAS	1703.3	1799.4	96.123
42	50	HDR BIAS	1840.3	1798.1	-42.248
43	50	HDR BIAS	1819.4	1740.2	-79.201
44	50	HDR BIAS	1759.5	1819.9	60.406
45	50	HDR BIAS	1759.4	1798.1	38.646
46	50	HDR UNBIAS	1778.9	1819.3	40.316
47	50	HDR UNBIAS	1799	1840.8	41.797
48	50	HDR UNBIAS	1721.6	1702.4	-19.164
49	50	HDR UNBIAS	1952.5	1952.4	-0.1249
50	50	HDR UNBIAS	1819.5	1862.2	42.754
51	100	HDR BIAS	1819.4	1839.4	20.007
52	100	HDR BIAS	1819.4	1952.4	132.98
53	100	HDR BIAS	1740.4	1759.9	19.534
54	100	HDR BIAS	1819.4	1928.1	108.64
55	100	HDR BIAS	1861.7	1819.3	-42.424
56	100	HDR UNBIAS	1721.6	1779.4	57.803
57	100	HDR UNBIAS	1819.4	1882.7	63.282
58	100	HDR UNBIAS	1721.6	1740.2	18.615
59	100	HDR UNBIAS	1819.5	1840.8	21.331
60	100	HDR UNBIAS	1861.7	1882.7	20.965
71	0	CORRELATION	1779	1819.3	40.241
72	0	CORRELATION	1703.3	1668.2	-35.05
73	0	CORRELATION	1778.9	1839.4	60.481

Test Statistics (µA/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	1703.3	1753.7	1779	43.704	1668.2	1775.6	1839.4	93.56	-35.05	21.891	60.481	50.34
3	1703.3	1806.7	1883.6	57.172	1722	1812.5	1883.5	54.321	-21.003	5.7824	38.646	18.976
10	1721.6	1796.7	1929	59.855	1720.7	1786.4	1928.8	57.899	-58.238	-10.259	39.096	28.184
30	1703.2	1794.5	1883.6	56.519	1703.1	1799.9	1862.2	47.616	-65.109	5.4058	40.307	35.374
50	1703.3	1795.3	1952.5	70.431	1702.4	1813.3	1952.4	67.383	-79.201	17.93	96.123	52.485
100	1721.6	1800.4	1861.7	53.072	1740.2	1842.5	1952.4	70.273	-42.424	42.074	132.98	50.502

Device Test: 19.51 VOLTAGE|OFFSET//4.5/4.5/0/0/4.5/1MHz//@EA_OS





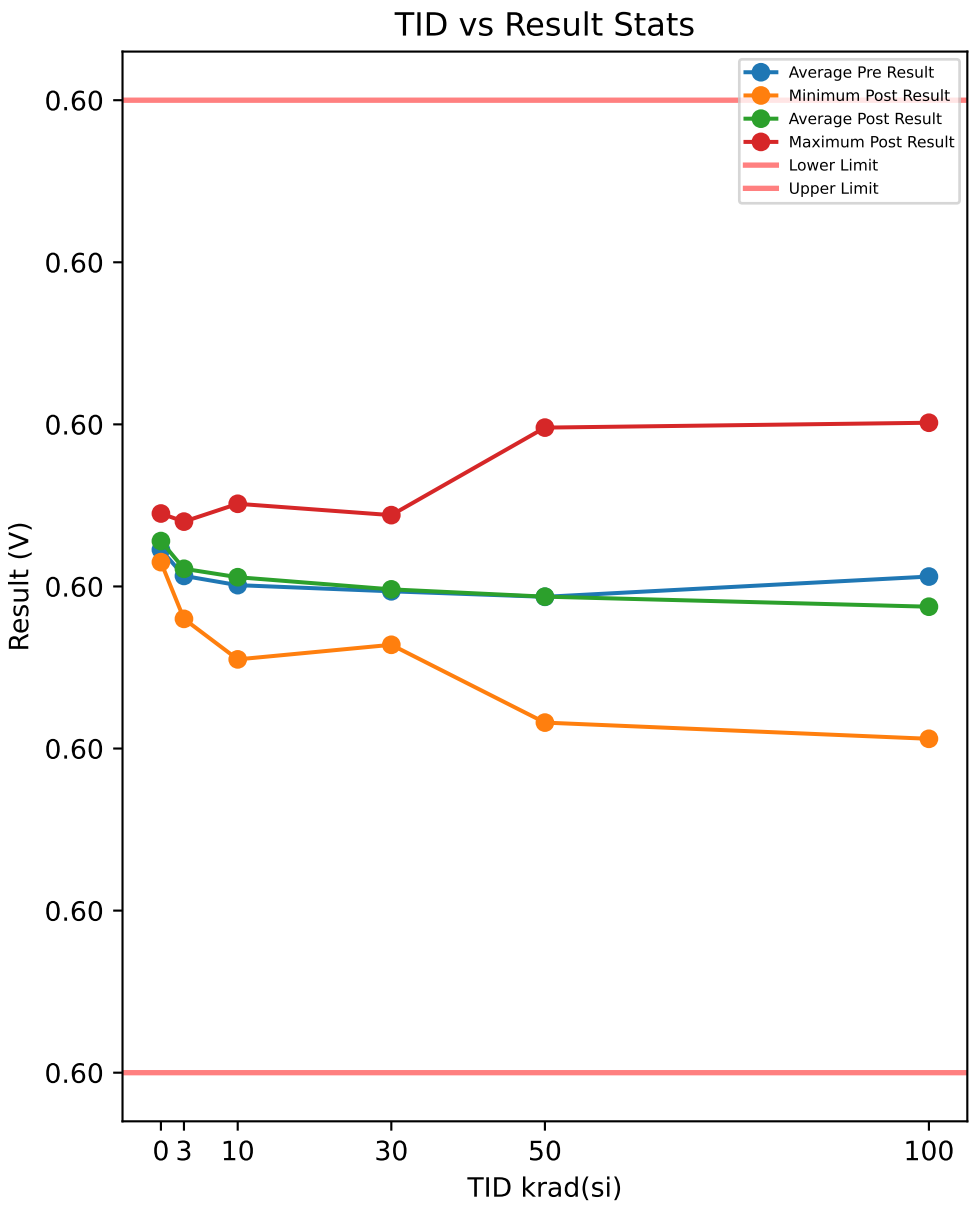
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

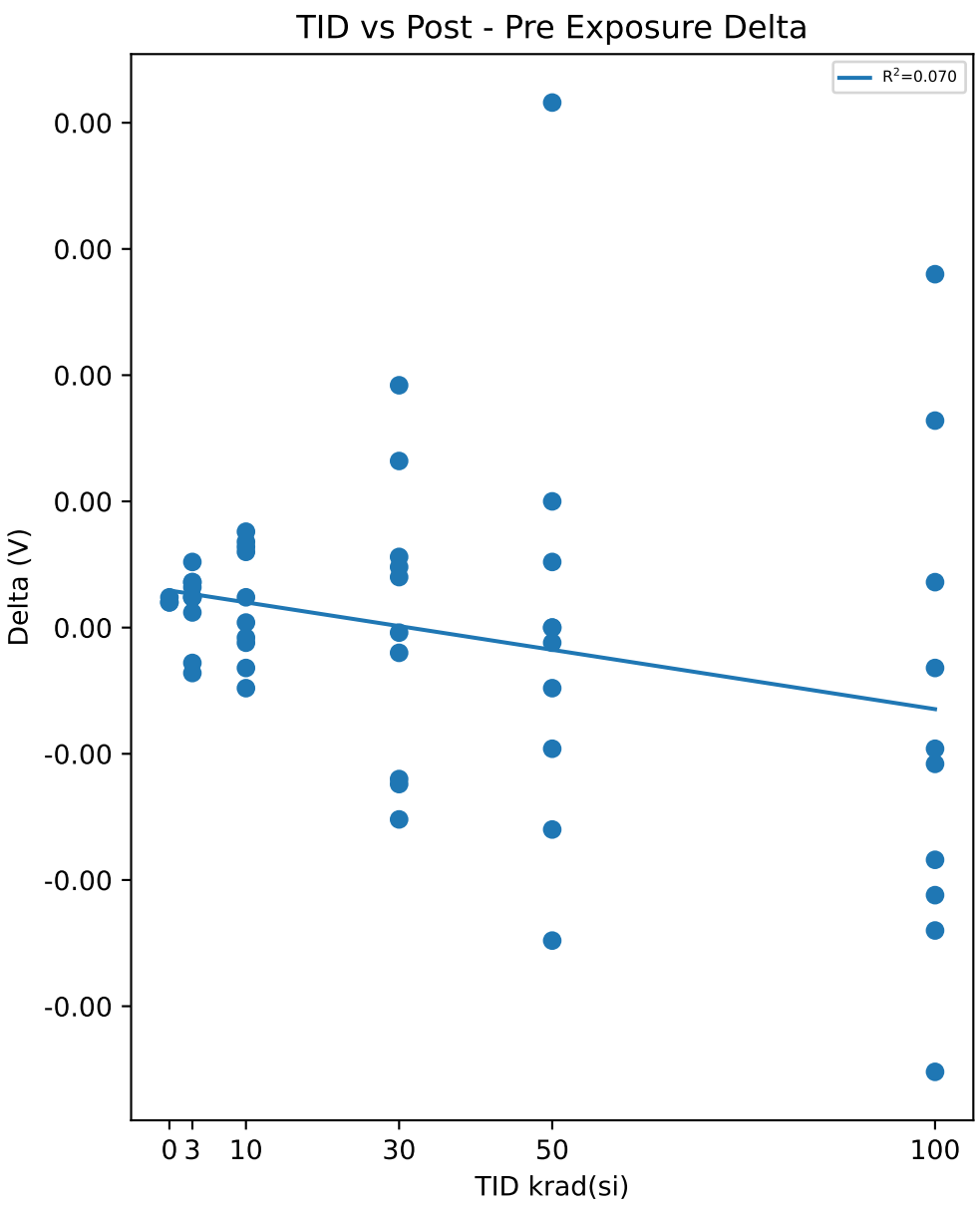
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5339	0.6047	0.0708
2	3	HDR BIAS	1.1682	1.2147	0.0465
3	3	HDR BIAS	-0.1949	-0.1799	0.015
4	3	HDR BIAS	-0.1234	-0.071	0.0524
5	3	HDR BIAS	0.4567	0.5173	0.0606
6	3	HDR UNBIAS	0.5319	0.5747	0.0428
7	3	HDR UNBIAS	0.3942	0.4431	0.0489
8	3	HDR UNBIAS	-0.2634	-0.2374	0.026
9	3	HDR UNBIAS	0.4232	0.4813	0.0581
10	3	HDR UNBIAS	0.5895	0.6481	0.0586
11	10	HDR BIAS	-0.4663	-0.4475	0.0188
12	10	HDR BIAS	0.1735	0.2166	0.0431
13	10	HDR BIAS	0.1073	0.193	0.0857
14	10	HDR BIAS	0.3384	0.3843	0.0459
15	10	HDR BIAS	0.644	0.6763	0.0323
16	10	HDR UNBIAS	0.9416	1.0049	0.0633
17	10	HDR UNBIAS	-0.3799	-0.3442	0.0357
18	10	HDR UNBIAS	-0.0003	0.0656	0.0659
19	10	HDR UNBIAS	0.521	0.5476	0.0266
20	10	HDR UNBIAS	-0.2361	-0.2107	0.0254
31	30	HDR BIAS	-0.7527	-0.7146	0.0381
32	30	HDR BIAS	0.2226	0.3518	0.1292
33	30	HDR BIAS	1.4933	1.5271	0.0338
34	30	HDR BIAS	0.8753	1.0033	0.128
35	30	HDR BIAS	0.5295	0.58	0.0505
36	30	HDR UNBIAS	1.8716	1.9062	0.0346
37	30	HDR UNBIAS	-1.5426	-1.4262	0.1164
38	30	HDR UNBIAS	1.2645	1.3135	0.049
39	30	HDR UNBIAS	-0.1066	-0.0818	0.0248
40	30	HDR UNBIAS	0.2025	0.3058	0.1033
41	50	HDR BIAS	0.2519	0.322	0.0701
42	50	HDR BIAS	0.4903	0.594	0.1037
43	50	HDR BIAS	-0.0013	0.0278	0.0291
44	50	HDR BIAS	-0.2523	-0.2023	0.05
45	50	HDR BIAS	1.4284	1.4638	0.0354
46	50	HDR UNBIAS	0.6784	0.7662	0.0878
47	50	HDR UNBIAS	0.2556	0.3336	0.078
48	50	HDR UNBIAS	-0.1139	-0.0794	0.0345
49	50	HDR UNBIAS	-0.2101	-0.0714	0.1387
50	50	HDR UNBIAS	0.3242	0.4603	0.1361
51	100	HDR BIAS	-1.03	-0.8498	0.1802
52	100	HDR BIAS	0.7159	0.8573	0.1414
53	100	HDR BIAS	0.5573	0.6584	0.1011
54	100	HDR BIAS	0.3191	0.5381	0.219
55	100	HDR BIAS	0.8419	1.0234	0.1815
56	100	HDR UNBIAS	1.2734	1.3264	0.053
57	100	HDR UNBIAS	1.4716	1.5925	0.1209
58	100	HDR UNBIAS	1.4568	1.5713	0.1145
59	100	HDR UNBIAS	0.1559	0.2825	0.1266
60	100	HDR UNBIAS	-0.2173	-0.07	0.1473
71	0	CORRELATION	0.9479	0.9927	0.0448
72	0	CORRELATION	0.036	0.0613	0.0253
73	0	CORRELATION	0.1942	0.241	0.0468

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	0.036	0.3927	0.9479	0.48728	0.0613	0.43167	0.9927	0.49411	0.0253	0.038967	0.0468	0.011878
3	-0.2634	0.35159	1.1682	0.43585	-0.2374	0.39956	1.2147	0.44526	0.015	0.04797	0.0708	0.016718
10	-0.4663	0.16432	0.9416	0.45661	-0.4475	0.20859	1.0049	0.46323	0.0188	0.04427	0.0857	0.021303
30	-1.5426	0.40574	1.8716	1.0424	-1.4262	0.47651	1.9062	1.0291	0.0248	0.07077	0.1292	0.042908
50	-0.2523	0.28512	1.4284	0.50362	-0.2023	0.36146	1.4638	0.50067	0.0291	0.07634	0.1387	0.040461
100	-1.03	0.55446	1.4716	0.7889	-0.8498	0.69301	1.5925	0.7655	0.053	0.13855	0.219	0.047011

Device Test: 19.52 VOLTAGE|VREF//5/5/0/0/5/1MHz//@VREF_25C





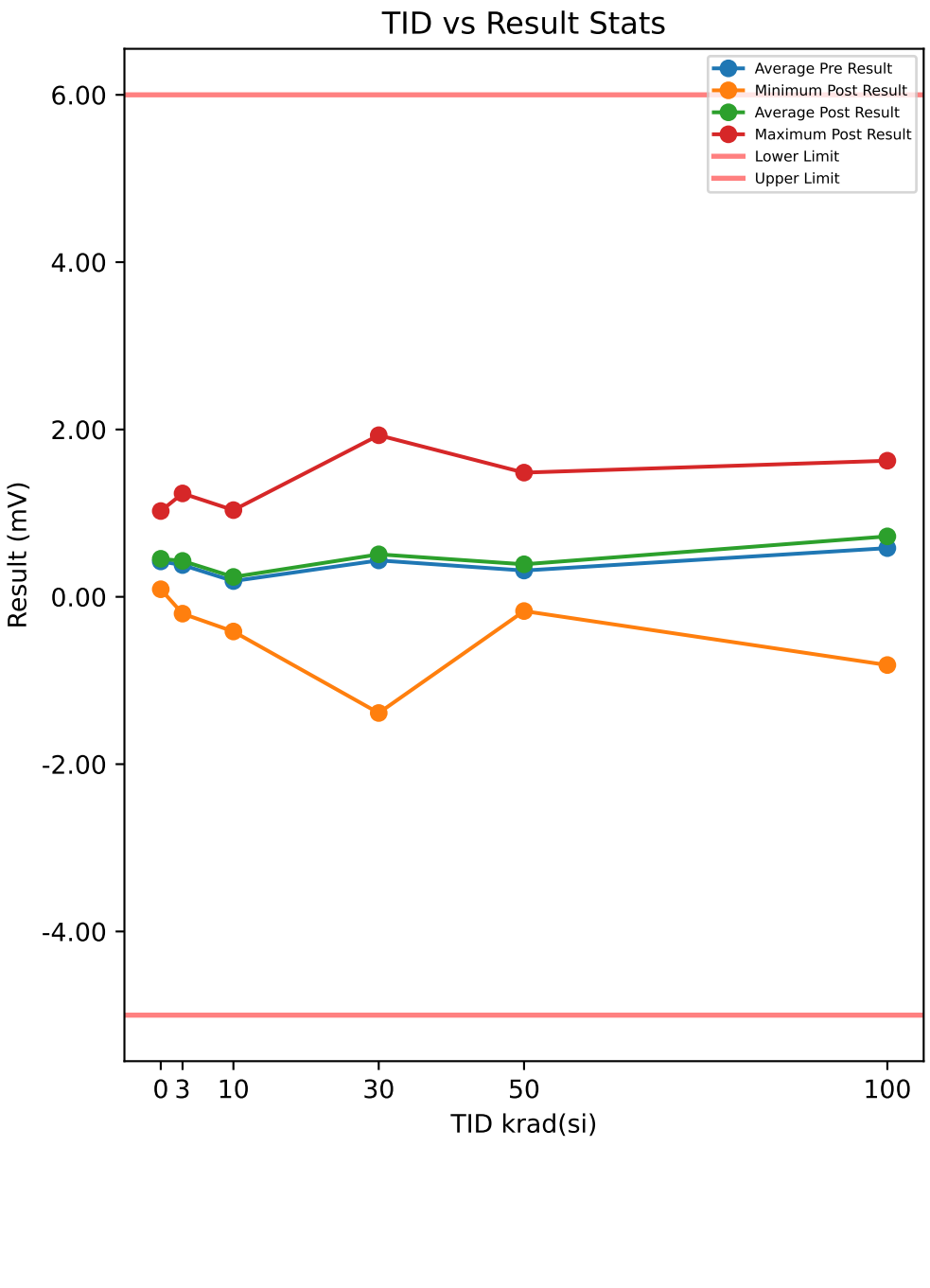
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59988	0.59994	6e-05
2	3	HDR BIAS	0.60019	0.6001	-9e-05
3	3	HDR BIAS	0.60025	0.60031	6e-05
4	3	HDR BIAS	0.60003	0.60012	9e-05
5	3	HDR BIAS	0.60016	0.60022	6e-05
6	3	HDR UNBIAS	0.60005	0.59998	-7e-05
7	3	HDR UNBIAS	0.60016	0.60024	8e-05
8	3	HDR UNBIAS	0.60027	0.6004	0.00013
9	3	HDR UNBIAS	0.59989	0.59998	9e-05
10	3	HDR UNBIAS	0.59977	0.5998	3e-05
11	10	HDR BIAS	0.60034	0.60051	0.00017
12	10	HDR BIAS	0.59988	0.59994	6e-05
13	10	HDR BIAS	0.60023	0.60039	0.00016
14	10	HDR BIAS	0.59958	0.59955	-3e-05
15	10	HDR BIAS	0.60013	0.60001	-0.00012
16	10	HDR UNBIAS	0.59999	0.60014	0.00015
17	10	HDR UNBIAS	0.59971	0.59963	-8e-05
18	10	HDR UNBIAS	0.60026	0.60045	0.00019
19	10	HDR UNBIAS	0.59982	0.5998	-2e-05
20	10	HDR UNBIAS	0.60014	0.60015	1e-05
31	30	HDR BIAS	0.59995	0.59964	-0.00031
32	30	HDR BIAS	0.60014	0.60026	0.00012
33	30	HDR BIAS	0.60009	0.59979	-0.0003
34	30	HDR BIAS	0.59974	0.59988	0.00014
35	30	HDR BIAS	0.59971	0.60019	0.00048
36	30	HDR UNBIAS	0.60011	0.60044	0.00033
37	30	HDR UNBIAS	0.59987	0.59982	-5e-05
38	30	HDR UNBIAS	0.60007	0.59969	-0.00038
39	30	HDR UNBIAS	0.59977	0.59987	0.0001
40	30	HDR UNBIAS	0.60025	0.60024	-1e-05
41	50	HDR BIAS	0.59988	0.59926	-0.00062
42	50	HDR BIAS	0.59988	0.60001	0.00013
43	50	HDR BIAS	0.59989	0.59989	0
44	50	HDR BIAS	0.59956	0.59916	-0.0004
45	50	HDR BIAS	0.60004	0.60001	-3e-05
46	50	HDR UNBIAS	0.59994	0.60098	0.00104
47	50	HDR UNBIAS	0.60006	0.60006	0
48	50	HDR UNBIAS	0.60014	0.5999	-0.00024
49	50	HDR UNBIAS	0.60022	0.6001	-0.00012
50	50	HDR UNBIAS	0.59975	0.6	0.00025
51	100	HDR BIAS	0.60034	0.6001	-0.00024
52	100	HDR BIAS	0.59966	0.59906	-0.0006
53	100	HDR BIAS	0.60027	0.59939	-0.00088
54	100	HDR BIAS	0.59993	0.59966	-0.00027
55	100	HDR BIAS	0.59978	0.59932	-0.00046
56	100	HDR UNBIAS	0.60029	0.6007	0.00041
57	100	HDR UNBIAS	0.59983	0.59975	-8e-05
58	100	HDR UNBIAS	0.60001	0.59948	-0.00053
59	100	HDR UNBIAS	0.60019	0.60028	9e-05
60	100	HDR UNBIAS	0.60031	0.60101	0.0007
71	0	CORRELATION	0.6004	0.60045	5e-05
72	0	CORRELATION	0.60019	0.60024	5e-05
73	0	CORRELATION	0.60009	0.60015	6e-05

Test Statistics (V)

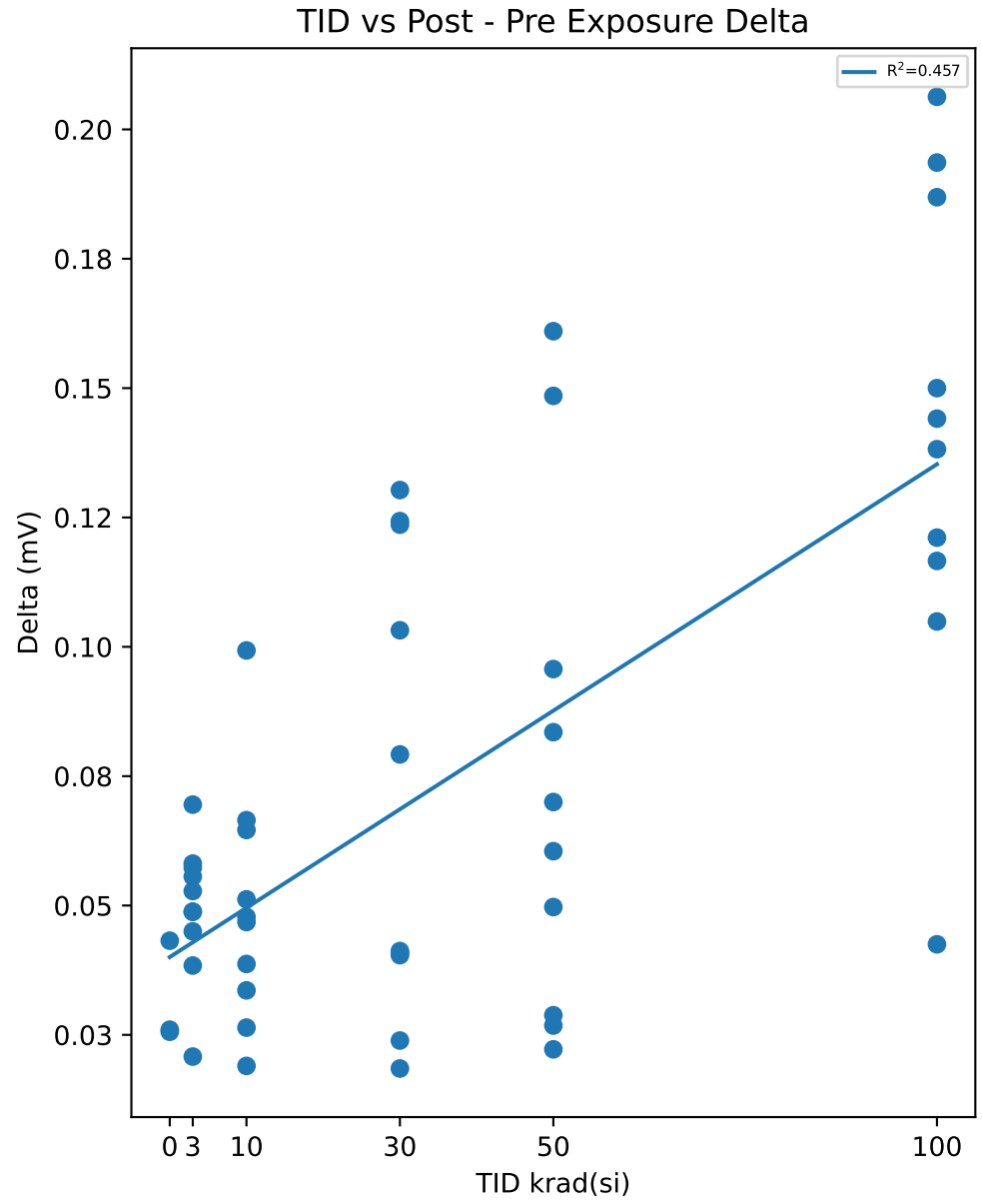
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.60009	0.60023	0.6004	0.00015822	0.60015	0.60028	0.60045	0.00015395	5e-05	5.3333e-05	6e-05	5.7735e-06
3	0.59977	0.60007	0.60027	0.00017103	0.5998	0.60011	0.6004	0.00018622	-9e-05	4.4e-05	0.00013	7.0585e-05
10	0.59958	0.60001	0.60034	0.00025372	0.59955	0.60006	0.60051	0.00033457	-0.00012	4.9e-05	0.00019	0.00011298
30	0.59971	0.59997	0.60025	0.00018921	0.59964	0.59998	0.60044	0.00027591	-0.00038	1.2e-05	0.00048	0.00028185
50	0.59956	0.59994	0.60022	0.00019231	0.59916	0.59994	0.60098	0.00049551	-0.00062	1e-06	0.00104	0.00044451
100	0.59966	0.60006	0.60034	0.00025066	0.59906	0.59988	0.60101	0.00063323	-0.00088	-0.000186	0.0007	0.00048121

Device Test: 19.54 VOLTAGE|OFFSET//5/5/0/0/5/1MHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

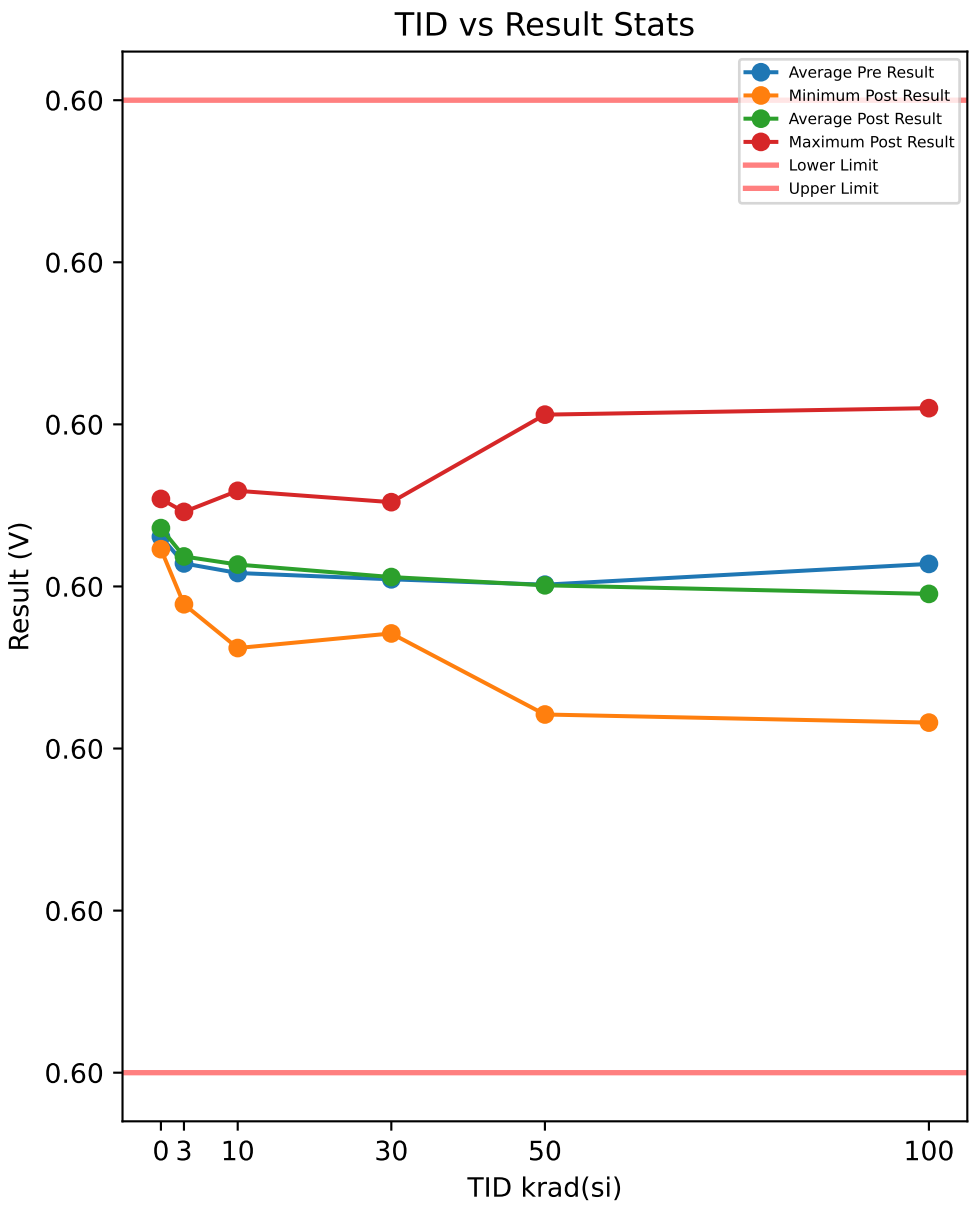
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5614	0.6309	0.0695
2	3	HDR BIAS	1.1975	1.2359	0.0384
3	3	HDR BIAS	-0.1675	-0.1467	0.0208
4	3	HDR BIAS	-0.0861	-0.0305	0.0556
5	3	HDR BIAS	0.4839	0.5412	0.0573
6	3	HDR UNBIAS	0.554	0.6028	0.0488
7	3	HDR UNBIAS	0.4174	0.4755	0.0581
8	3	HDR UNBIAS	-0.2461	-0.2011	0.045
9	3	HDR UNBIAS	0.4581	0.5069	0.0488
10	3	HDR UNBIAS	0.6239	0.6767	0.0528
11	10	HDR BIAS	-0.4408	-0.4144	0.0264
12	10	HDR BIAS	0.1995	0.2382	0.0387
13	10	HDR BIAS	0.122	0.2213	0.0993
14	10	HDR BIAS	0.3541	0.4187	0.0646
15	10	HDR BIAS	0.6631	0.7099	0.0468
16	10	HDR UNBIAS	0.9697	1.0362	0.0665
17	10	HDR UNBIAS	-0.3552	-0.304	0.0512
18	10	HDR UNBIAS	0.0355	0.0833	0.0478
19	10	HDR UNBIAS	0.5416	0.5752	0.0336
20	10	HDR UNBIAS	-0.2065	-0.1875	0.019
31	30	HDR BIAS	-0.7172	-0.6764	0.0408
32	30	HDR BIAS	0.256	0.3863	0.1303
33	30	HDR BIAS	1.522	1.5624	0.0404
34	30	HDR BIAS	0.9034	1.027	0.1236
35	30	HDR BIAS	0.5396	0.6188	0.0792
36	30	HDR UNBIAS	1.9073	1.9312	0.0239
37	30	HDR UNBIAS	-1.5128	-1.3885	0.1243
38	30	HDR UNBIAS	1.2965	1.3377	0.0412
39	30	HDR UNBIAS	-0.0712	-0.0527	0.0185
40	30	HDR UNBIAS	0.2295	0.3327	0.1032
41	50	HDR BIAS	0.2817	0.3422	0.0605
42	50	HDR BIAS	0.5205	0.6162	0.0957
43	50	HDR BIAS	0.03	0.0522	0.0222
44	50	HDR BIAS	-0.2198	-0.1701	0.0497
45	50	HDR BIAS	1.4577	1.4845	0.0268
46	50	HDR UNBIAS	0.7143	0.7978	0.0835
47	50	HDR UNBIAS	0.2858	0.3558	0.07
48	50	HDR UNBIAS	-0.0849	-0.0561	0.0288
49	50	HDR UNBIAS	-0.1938	-0.0328	0.161
50	50	HDR UNBIAS	0.3507	0.4992	0.1485
51	100	HDR BIAS	-1.009	-0.8154	0.1936
52	100	HDR BIAS	0.7396	0.8837	0.1441
53	100	HDR BIAS	0.5773	0.6939	0.1166
54	100	HDR BIAS	0.3709	0.5772	0.2063
55	100	HDR BIAS	0.86	1.0469	0.1869
56	100	HDR UNBIAS	1.31	1.3525	0.0425
57	100	HDR UNBIAS	1.5056	1.6267	0.1211
58	100	HDR UNBIAS	1.4918	1.5967	0.1049
59	100	HDR UNBIAS	0.1772	0.3154	0.1382
60	100	HDR UNBIAS	-0.202	-0.052	0.15
71	0	CORRELATION	0.9821	1.0253	0.0432
72	0	CORRELATION	0.0645	0.0905	0.026
73	0	CORRELATION	0.2224	0.248	0.0256

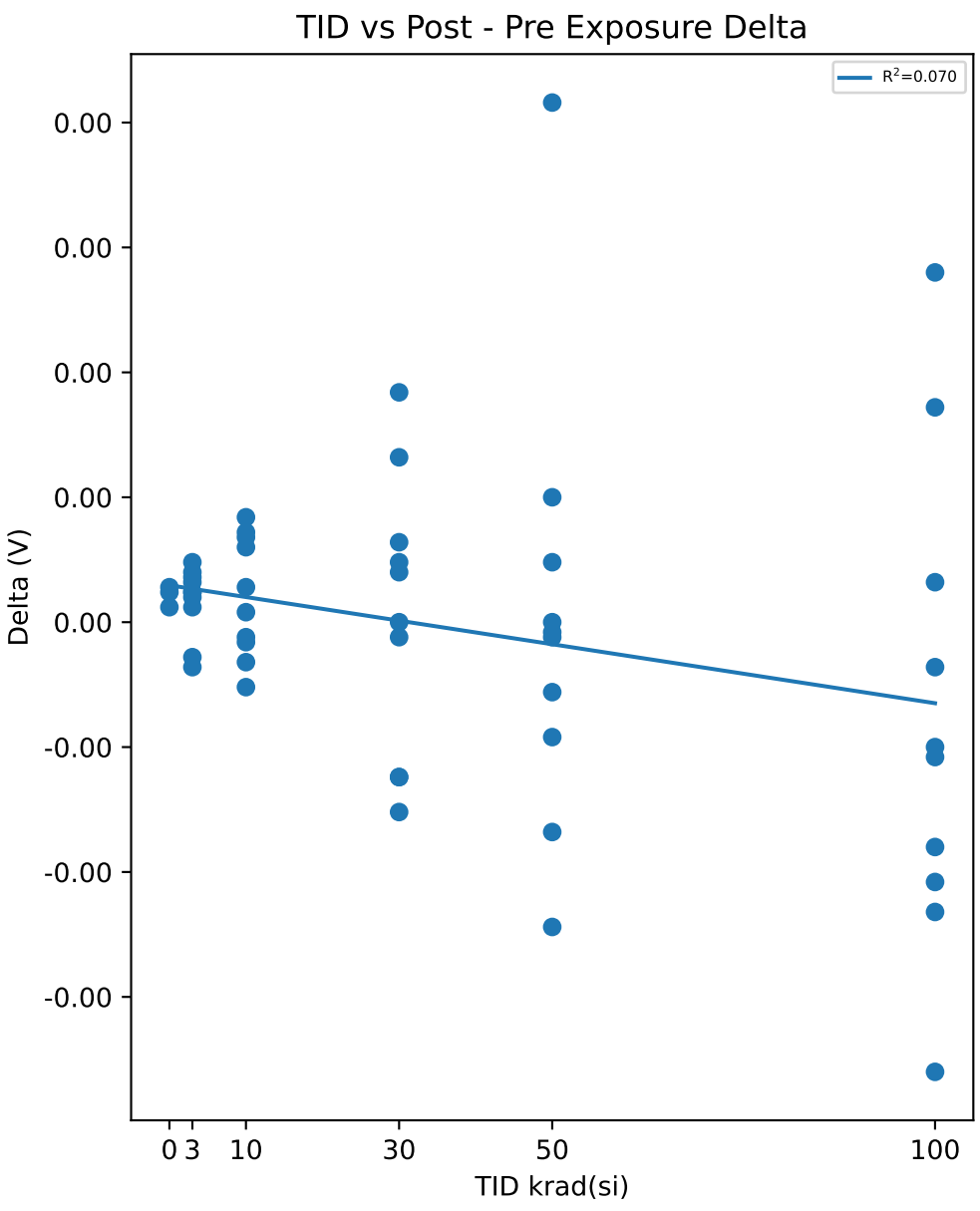


Test Statistics (mV)

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	0.0645	0.423	0.9821	0.49059	0.0905	0.4546	1.0253	0.50048	0.0256	0.0316	0.0432	0.010048
3	-0.2461	0.37965	1.1975	0.43694	-0.2011	0.42916	1.2359	0.44018	0.0208	0.04951	0.0695	0.013128
10	-0.4408	0.1883	0.9697	0.455	-0.4144	0.23769	1.0362	0.46318	0.019	0.04939	0.0993	0.023198
30	-1.5128	0.43531	1.9073	1.0421	-1.3885	0.50785	1.9312	1.0256	0.0185	0.07254	0.1303	0.044616
50	-0.2198	0.31422	1.4577	0.50516	-0.1701	0.38889	1.4845	0.49848	0.0222	0.07467	0.161	0.048784
100	-1.009	0.58214	1.5056	0.79353	-0.8154	0.72256	1.6267	0.76468	0.0425	0.14042	0.2063	0.048568

Device Test: 19.55 VOLTAGE|VREF//12/12/0/0/5/1MHz//@VREF_25C





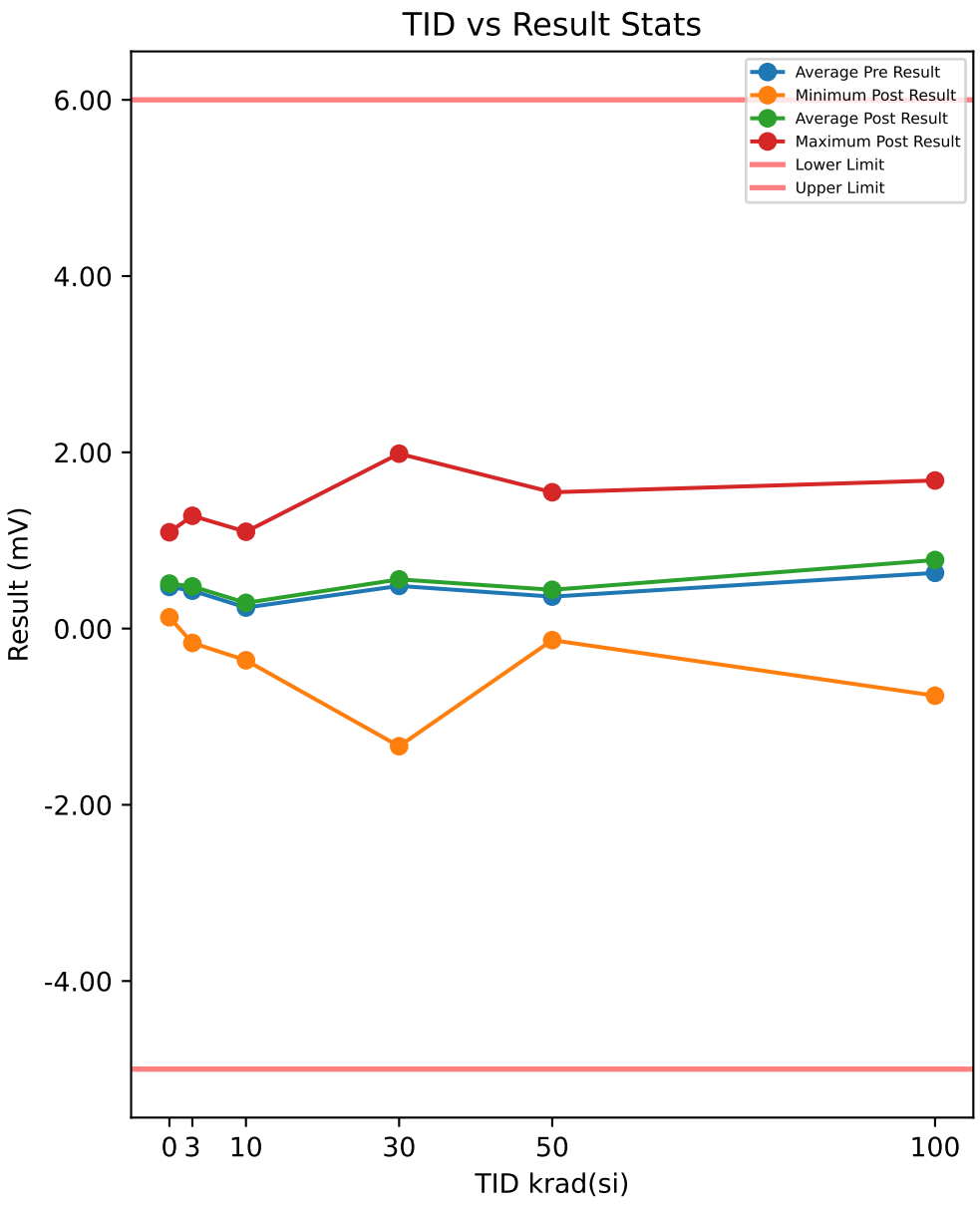
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

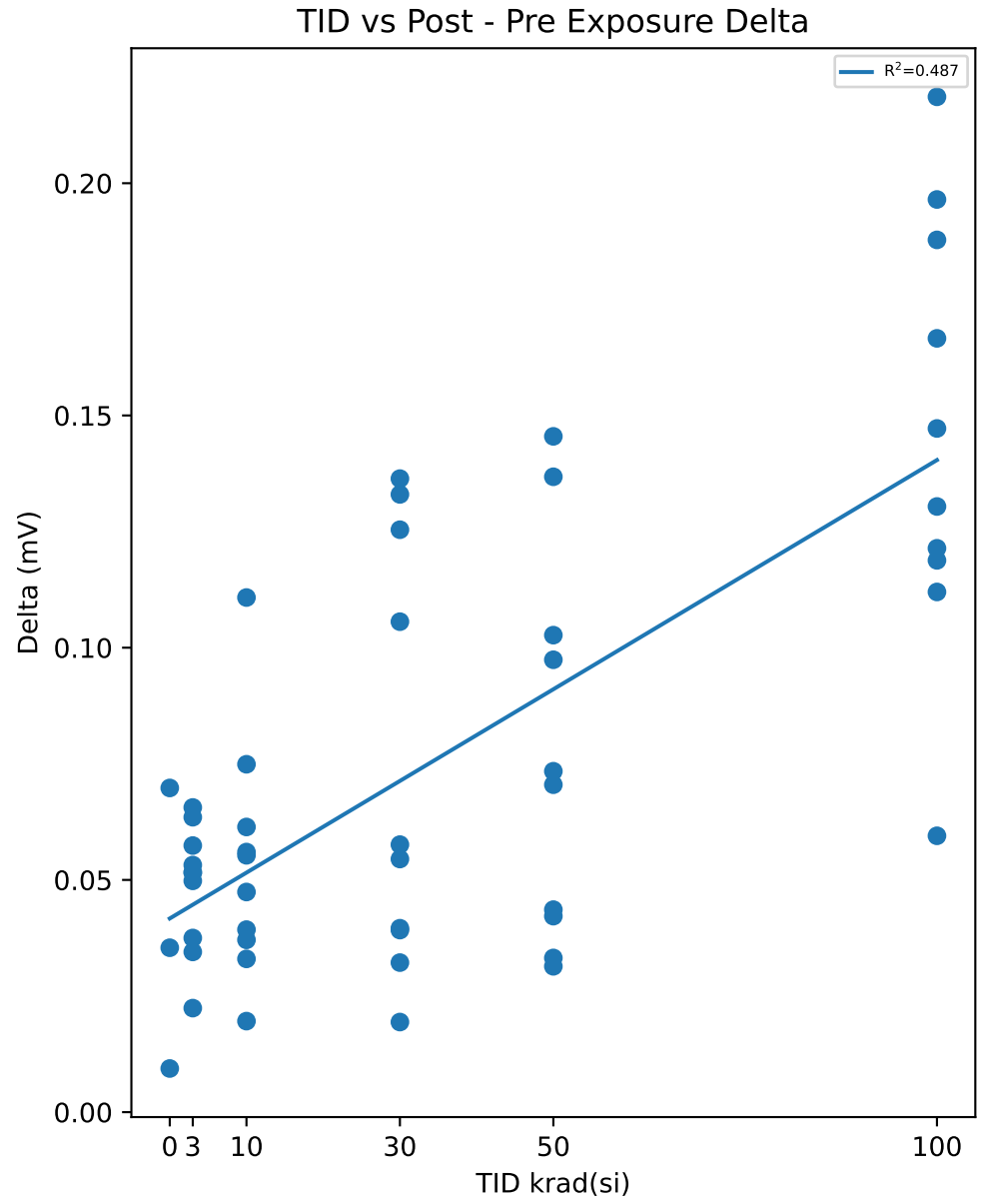
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59997	0.60003	6e-05
2	3	HDR BIAS	0.60025	0.60016	-9e-05
3	3	HDR BIAS	0.60033	0.60038	5e-05
4	3	HDR BIAS	0.6001	0.6002	0.0001
5	3	HDR BIAS	0.60024	0.6003	6e-05
6	3	HDR UNBIAS	0.60013	0.60006	-7e-05
7	3	HDR UNBIAS	0.60024	0.60032	8e-05
8	3	HDR UNBIAS	0.60034	0.60046	0.00012
9	3	HDR UNBIAS	0.59996	0.60005	9e-05
10	3	HDR UNBIAS	0.59986	0.59989	3e-05
11	10	HDR BIAS	0.60041	0.60059	0.00018
12	10	HDR BIAS	0.59996	0.60003	7e-05
13	10	HDR BIAS	0.6003	0.60047	0.00017
14	10	HDR BIAS	0.59966	0.59962	-4e-05
15	10	HDR BIAS	0.60022	0.60009	-0.00013
16	10	HDR UNBIAS	0.60007	0.60022	0.00015
17	10	HDR UNBIAS	0.59977	0.59969	-8e-05
18	10	HDR UNBIAS	0.60033	0.60054	0.00021
19	10	HDR UNBIAS	0.59991	0.59988	-3e-05
20	10	HDR UNBIAS	0.6002	0.60022	2e-05
31	30	HDR BIAS	0.60002	0.59971	-0.00031
32	30	HDR BIAS	0.60022	0.60034	0.00012
33	30	HDR BIAS	0.60016	0.59985	-0.00031
34	30	HDR BIAS	0.5998	0.59996	0.00016
35	30	HDR BIAS	0.59979	0.60025	0.00046
36	30	HDR UNBIAS	0.60019	0.60052	0.00033
37	30	HDR UNBIAS	0.59994	0.59991	-3e-05
38	30	HDR UNBIAS	0.60015	0.59977	-0.00038
39	30	HDR UNBIAS	0.59985	0.59995	0.0001
40	30	HDR UNBIAS	0.60032	0.60032	0
41	50	HDR BIAS	0.59994	0.59933	-0.00061
42	50	HDR BIAS	0.59996	0.60008	0.00012
43	50	HDR BIAS	0.59997	0.59997	0
44	50	HDR BIAS	0.59963	0.59921	-0.00042
45	50	HDR BIAS	0.60012	0.60009	-3e-05
46	50	HDR UNBIAS	0.60002	0.60106	0.00104
47	50	HDR UNBIAS	0.60014	0.60012	-2e-05
48	50	HDR UNBIAS	0.60021	0.59998	-0.00023
49	50	HDR UNBIAS	0.60031	0.60017	-0.00014
50	50	HDR UNBIAS	0.59981	0.60006	0.00025
51	100	HDR BIAS	0.60043	0.60018	-0.00025
52	100	HDR BIAS	0.59974	0.59916	-0.00058
53	100	HDR BIAS	0.60035	0.59945	-0.0009
54	100	HDR BIAS	0.6	0.59973	-0.00027
55	100	HDR BIAS	0.59986	0.59941	-0.00045
56	100	HDR UNBIAS	0.60035	0.60078	0.00043
57	100	HDR UNBIAS	0.59992	0.59983	-9e-05
58	100	HDR UNBIAS	0.60008	0.59956	-0.00052
59	100	HDR UNBIAS	0.60026	0.60034	8e-05
60	100	HDR UNBIAS	0.6004	0.6011	0.0007
71	0	CORRELATION	0.60047	0.60054	7e-05
72	0	CORRELATION	0.60028	0.60031	3e-05
73	0	CORRELATION	0.60017	0.60023	6e-05

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	0.60017	0.60031	0.60047	0.00015177	0.60023	0.60036	0.60054	0.00016093	3e-05	5.3333e-05	7e-05	2.0817e-05
3	0.59986	0.60014	0.60034	0.00016652	0.59989	0.60018	0.60046	0.00017977	-9e-05	4.3e-05	0.00012	6.9929e-05
10	0.59966	0.60008	0.60041	0.00025158	0.59962	0.60013	0.60059	0.00033978	-0.00013	5.2e-05	0.00021	0.00012109
30	0.59979	0.60004	0.60032	0.00019039	0.59971	0.60006	0.60052	0.00027668	-0.00038	1.4e-05	0.00046	0.00028009
50	0.59963	0.60001	0.60031	0.0001979	0.59921	0.60001	0.60106	0.00050098	-0.00061	-4e-06	0.00104	0.0004448
100	0.59974	0.60014	0.60043	0.0002504	0.59916	0.59995	0.6011	0.00063218	-0.0009	-0.000185	0.0007	0.00048326

Device Test: 19.57 VOLTAGE|OFFSET//12/12/0/0/5/1MHz//@EA_OS





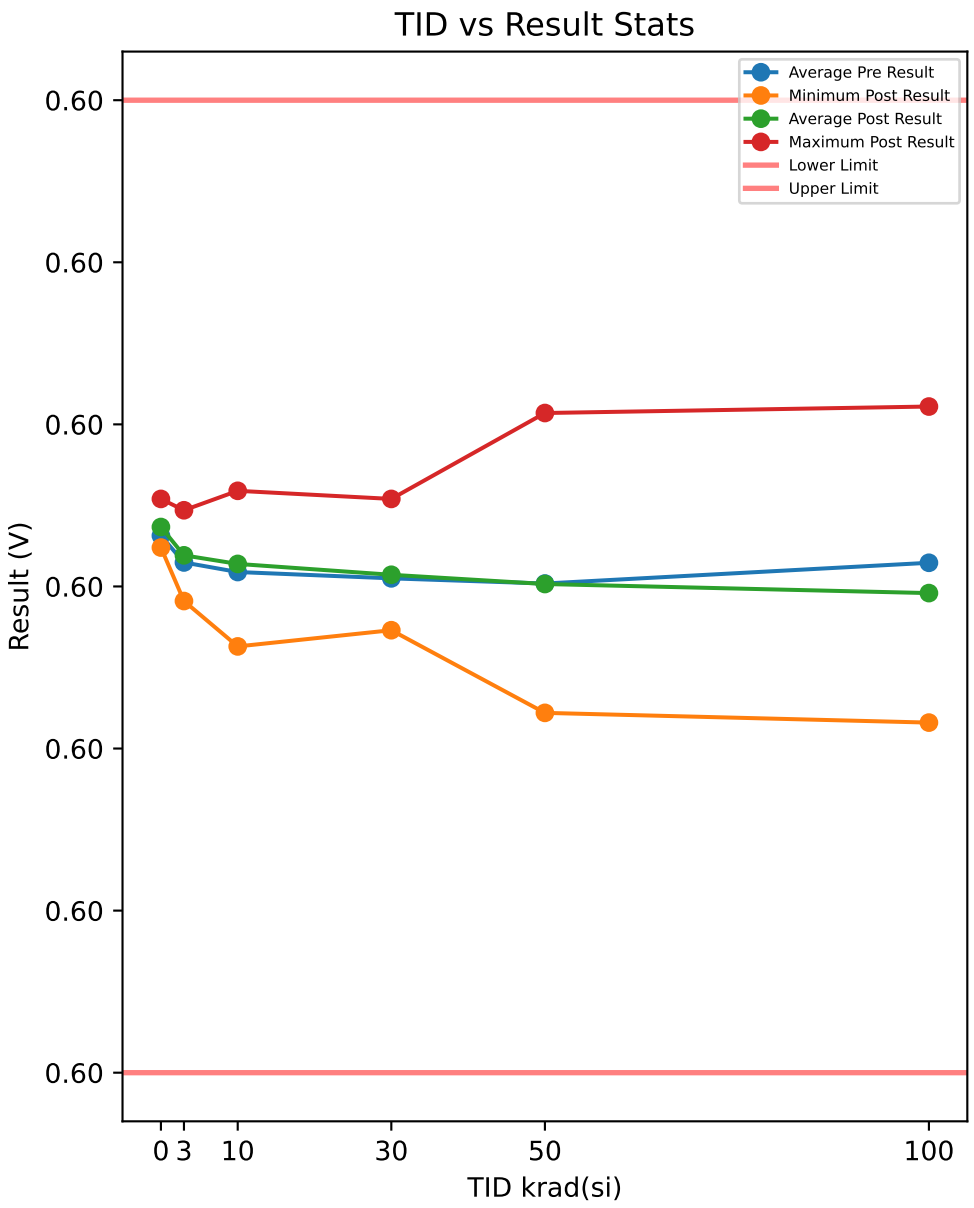
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

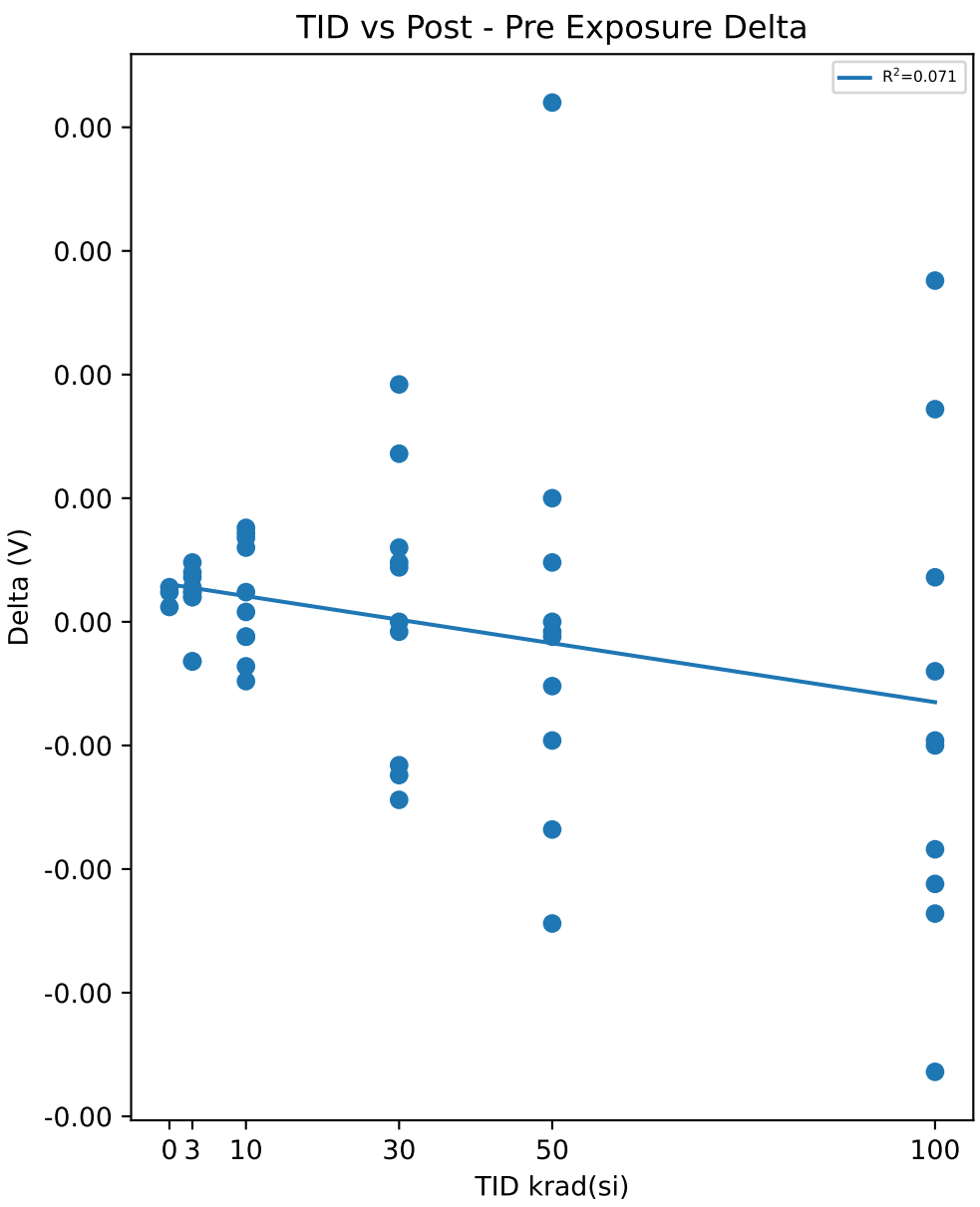
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6197	0.6853	0.0656
2	3	HDR BIAS	1.2267	1.2799	0.0532
3	3	HDR BIAS	-0.1202	-0.0978	0.0224
4	3	HDR BIAS	-0.0389	0.0185	0.0574
5	3	HDR BIAS	0.5289	0.5805	0.0516
6	3	HDR UNBIAS	0.615	0.6525	0.0375
7	3	HDR UNBIAS	0.4718	0.5353	0.0635
8	3	HDR UNBIAS	-0.1973	-0.1628	0.0345
9	3	HDR UNBIAS	0.5137	0.5635	0.0498
10	3	HDR UNBIAS	0.6785	0.7301	0.0516
11	10	HDR BIAS	-0.3932	-0.3602	0.033
12	10	HDR BIAS	0.2524	0.2998	0.0474
13	10	HDR BIAS	0.1677	0.2785	0.1108
14	10	HDR BIAS	0.4062	0.4622	0.056
15	10	HDR BIAS	0.7247	0.764	0.0393
16	10	HDR UNBIAS	1.0239	1.0988	0.0749
17	10	HDR UNBIAS	-0.3145	-0.2592	0.0553
18	10	HDR UNBIAS	0.0829	0.1443	0.0614
19	10	HDR UNBIAS	0.5971	0.6342	0.0371
20	10	HDR UNBIAS	-0.1656	-0.146	0.0196
31	30	HDR BIAS	-0.6822	-0.6277	0.0545
32	30	HDR BIAS	0.3067	0.4431	0.1364
33	30	HDR BIAS	1.5756	1.6078	0.0322
34	30	HDR BIAS	0.9482	1.0812	0.133
35	30	HDR BIAS	0.5955	0.6531	0.0576
36	30	HDR UNBIAS	1.9655	1.9849	0.0194
37	30	HDR UNBIAS	-1.4609	-1.3355	0.1254
38	30	HDR UNBIAS	1.3449	1.3841	0.0392
39	30	HDR UNBIAS	-0.0295	0.0101	0.0396
40	30	HDR UNBIAS	0.2768	0.3824	0.1056
41	50	HDR BIAS	0.3257	0.3962	0.0705
42	50	HDR BIAS	0.564	0.6614	0.0974
43	50	HDR BIAS	0.0792	0.1106	0.0314
44	50	HDR BIAS	-0.175	-0.1314	0.0436
45	50	HDR BIAS	1.5135	1.5467	0.0332
46	50	HDR UNBIAS	0.754	0.8567	0.1027
47	50	HDR UNBIAS	0.327	0.4004	0.0734
48	50	HDR UNBIAS	-0.0344	0.0078	0.0422
49	50	HDR UNBIAS	-0.1211	0.0157	0.1368
50	50	HDR UNBIAS	0.3897	0.5352	0.1455
51	100	HDR BIAS	-0.9497	-0.7619	0.1878
52	100	HDR BIAS	0.7887	0.9553	0.1666
53	100	HDR BIAS	0.6209	0.7329	0.112
54	100	HDR BIAS	0.4174	0.636	0.2186
55	100	HDR BIAS	0.9194	1.1159	0.1965
56	100	HDR UNBIAS	1.3491	1.4086	0.0595
57	100	HDR UNBIAS	1.5613	1.6801	0.1188
58	100	HDR UNBIAS	1.5328	1.6542	0.1214
59	100	HDR UNBIAS	0.2231	0.3535	0.1304
60	100	HDR UNBIAS	-0.1421	0.0051	0.1472
71	0	CORRELATION	1.0231	1.0929	0.0698
72	0	CORRELATION	0.1185	0.1279	0.0094
73	0	CORRELATION	0.2749	0.3103	0.0354

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	0.1185	0.47217	1.0231	0.48349	0.1279	0.51037	1.0929	0.51267	0.0094	0.0382	0.0698	0.030297
3	-0.1973	0.42979	1.2267	0.43478	-0.1628	0.4785	1.2799	0.44152	0.0224	0.04871	0.0656	0.013488
10	-0.3932	0.23816	1.0239	0.46038	-0.3602	0.29164	1.0988	0.46701	0.0196	0.05348	0.1108	0.025583
30	-1.4609	0.48406	1.9655	1.0454	-1.3355	0.55835	1.9849	1.0241	0.0194	0.07429	0.1364	0.045688
50	-0.175	0.36226	1.5135	0.50361	-0.1314	0.43993	1.5467	0.50131	0.0314	0.07767	0.1455	0.041793
100	-0.9497	0.63209	1.5613	0.78957	-0.7619	0.77797	1.6801	0.76709	0.0595	0.14588	0.2186	0.0474

Device Test: 19.58 VOLTAGE|VREF//14/14/0/0/5/1MHz//@VREF_25C





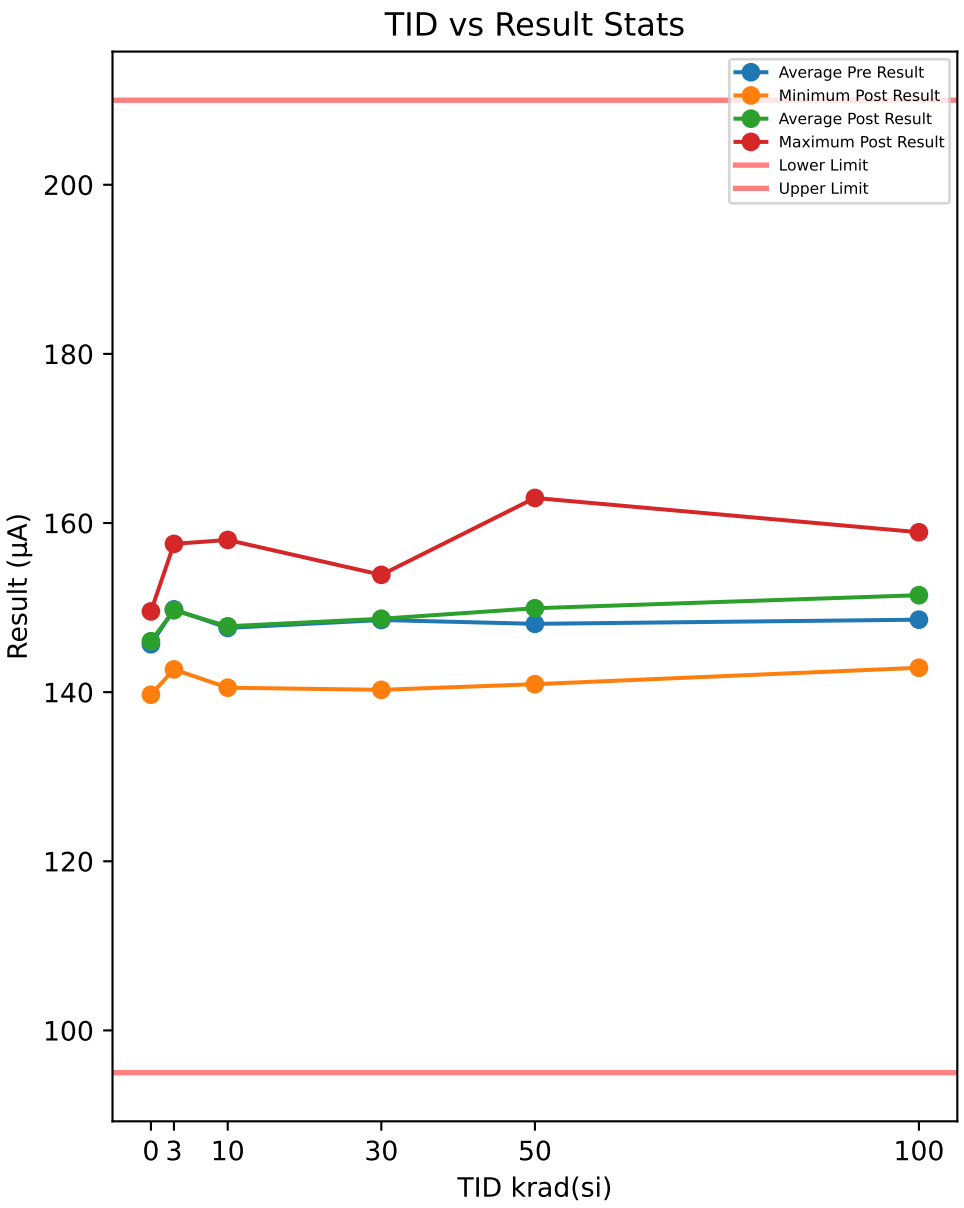
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

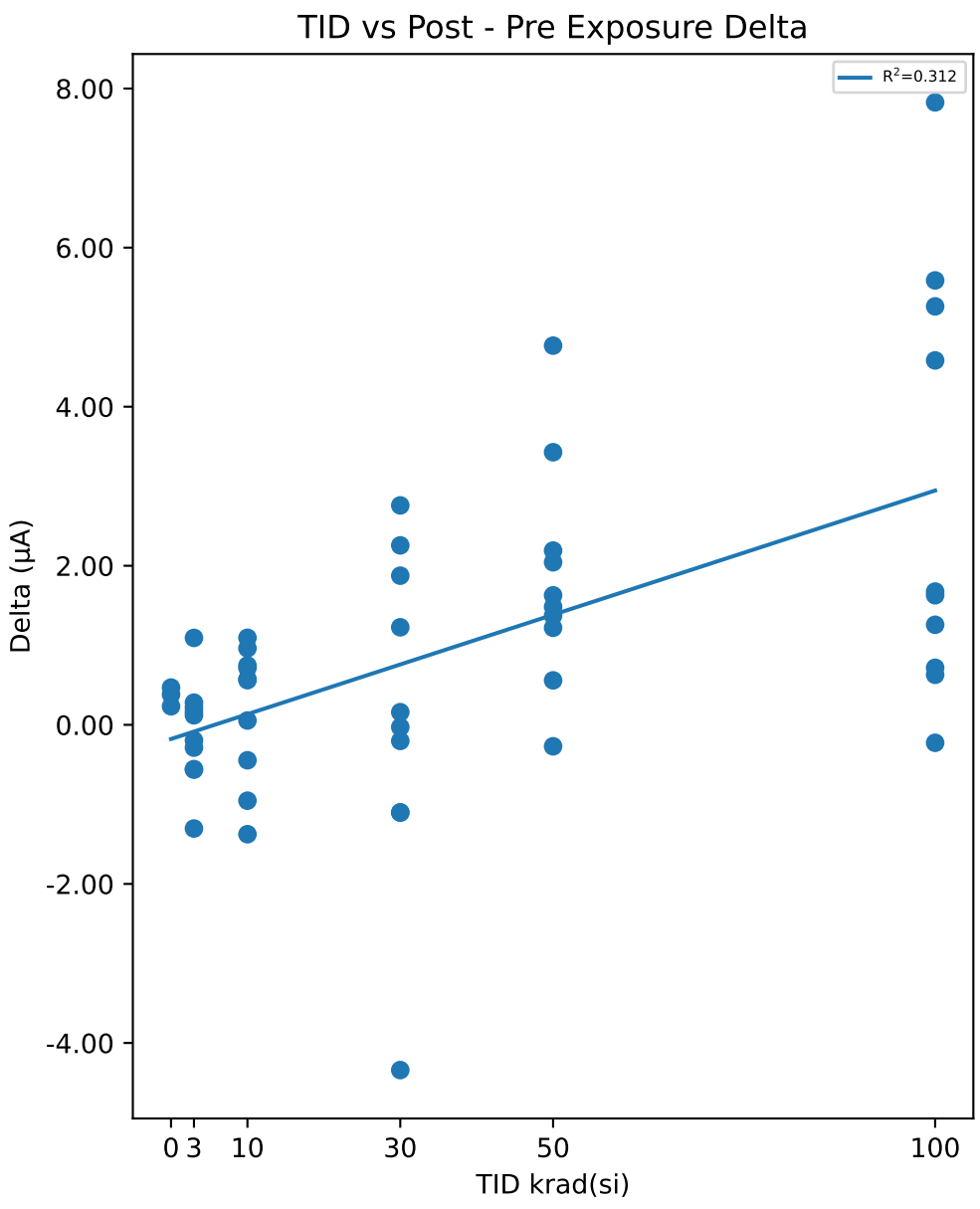
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59998	0.60003	5e-05
2	3	HDR BIAS	0.60025	0.60017	-8e-05
3	3	HDR BIAS	0.60033	0.60039	6e-05
4	3	HDR BIAS	0.6001	0.6002	0.0001
5	3	HDR BIAS	0.60025	0.60031	6e-05
6	3	HDR UNBIAS	0.60014	0.60006	-8e-05
7	3	HDR UNBIAS	0.60025	0.60032	7e-05
8	3	HDR UNBIAS	0.60035	0.60047	0.00012
9	3	HDR UNBIAS	0.59997	0.60006	9e-05
10	3	HDR UNBIAS	0.59986	0.59991	5e-05
11	10	HDR BIAS	0.60041	0.60059	0.00018
12	10	HDR BIAS	0.59997	0.60003	6e-05
13	10	HDR BIAS	0.60031	0.60048	0.00017
14	10	HDR BIAS	0.59966	0.59963	-3e-05
15	10	HDR BIAS	0.60022	0.6001	-0.00012
16	10	HDR UNBIAS	0.60007	0.60022	0.00015
17	10	HDR UNBIAS	0.59978	0.59969	-9e-05
18	10	HDR UNBIAS	0.60035	0.60054	0.00019
19	10	HDR UNBIAS	0.59992	0.59989	-3e-05
20	10	HDR UNBIAS	0.6002	0.60022	2e-05
31	30	HDR BIAS	0.60002	0.59973	-0.00029
32	30	HDR BIAS	0.60022	0.60034	0.00012
33	30	HDR BIAS	0.60017	0.59986	-0.00031
34	30	HDR BIAS	0.59981	0.59996	0.00015
35	30	HDR BIAS	0.59979	0.60027	0.00048
36	30	HDR UNBIAS	0.6002	0.60054	0.00034
37	30	HDR UNBIAS	0.59996	0.59994	-2e-05
38	30	HDR UNBIAS	0.60014	0.59978	-0.00036
39	30	HDR UNBIAS	0.59986	0.59997	0.00011
40	30	HDR UNBIAS	0.60033	0.60033	0
41	50	HDR BIAS	0.59994	0.59933	-0.00061
42	50	HDR BIAS	0.59997	0.60009	0.00012
43	50	HDR BIAS	0.59999	0.59997	-2e-05
44	50	HDR BIAS	0.59964	0.59922	-0.00042
45	50	HDR BIAS	0.60012	0.60009	-3e-05
46	50	HDR UNBIAS	0.60002	0.60107	0.00105
47	50	HDR UNBIAS	0.60014	0.60014	0
48	50	HDR UNBIAS	0.60022	0.59998	-0.00024
49	50	HDR UNBIAS	0.60031	0.60018	-0.00013
50	50	HDR UNBIAS	0.59983	0.60008	0.00025
51	100	HDR BIAS	0.60043	0.60019	-0.00024
52	100	HDR BIAS	0.59975	0.59916	-0.00059
53	100	HDR BIAS	0.60035	0.59944	-0.00091
54	100	HDR BIAS	0.6	0.59975	-0.00025
55	100	HDR BIAS	0.59987	0.59941	-0.00046
56	100	HDR UNBIAS	0.60035	0.60078	0.00043
57	100	HDR UNBIAS	0.59994	0.59984	-0.0001
58	100	HDR UNBIAS	0.60009	0.59956	-0.00053
59	100	HDR UNBIAS	0.60026	0.60035	9e-05
60	100	HDR UNBIAS	0.60042	0.60111	0.00069
71	0	CORRELATION	0.60048	0.60054	6e-05
72	0	CORRELATION	0.60029	0.60032	3e-05
73	0	CORRELATION	0.60017	0.60024	7e-05

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	0.60017	0.60031	0.60048	0.00015631	0.60024	0.60037	0.60054	0.00015535	3e-05	5.3333e-05	7e-05	2.0817e-05
3	0.59986	0.60015	0.60035	0.00016679	0.59991	0.60019	0.60047	0.00017887	-8e-05	4.4e-05	0.00012	6.9154e-05
10	0.59966	0.60009	0.60041	0.00025212	0.59963	0.60014	0.60059	0.00033825	-0.00012	5e-05	0.00019	0.000117
30	0.59979	0.60005	0.60033	0.00018933	0.59973	0.60007	0.60054	0.00027571	-0.00036	2.2e-05	0.00048	0.00027896
50	0.59964	0.60002	0.60031	0.00019401	0.59922	0.60001	0.60107	0.00050286	-0.00061	-3e-06	0.00105	0.00044766
100	0.59975	0.60015	0.60043	0.00024762	0.59916	0.59996	0.60111	0.0006352	-0.00091	-0.000187	0.00069	0.00048514

Device Test: 19.6 CURRENT|EA_SOURCE//5/5/0/0/5/500kHz//@EA_I_SOURCE





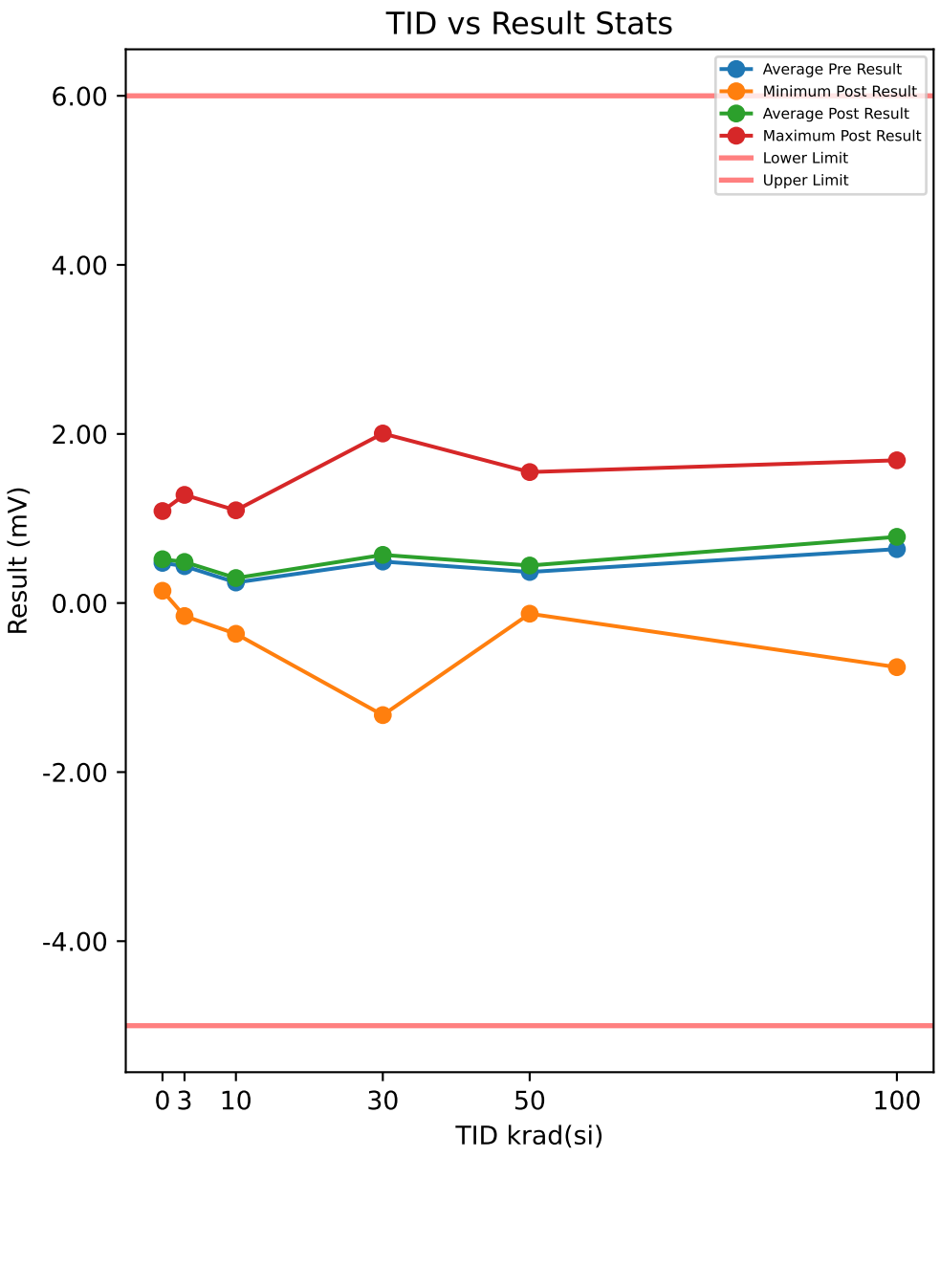
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

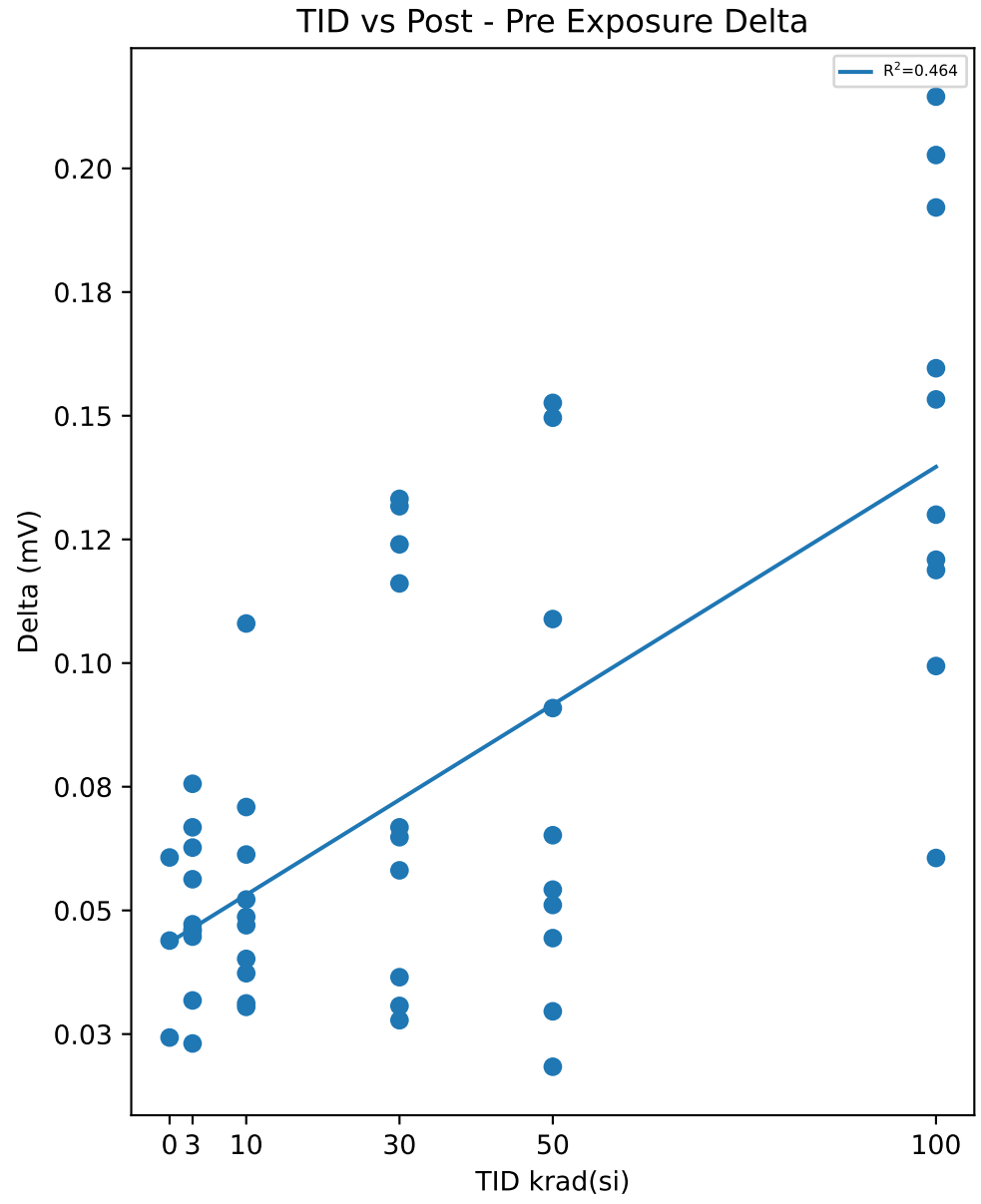
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	151.62	151.05	-0.5634
2	3	HDR BIAS	142.53	142.69	0.1636
3	3	HDR BIAS	147.67	147.48	-0.1948
4	3	HDR BIAS	149.74	150.02	0.279
5	3	HDR BIAS	147.84	146.53	-1.3037
6	3	HDR UNBIAS	157.82	157.53	-0.2866
7	3	HDR UNBIAS	150.61	150.83	0.219
8	3	HDR UNBIAS	150.25	150.37	0.1198
9	3	HDR UNBIAS	146.16	147.26	1.093
10	3	HDR UNBIAS	153.65	153.1	-0.5568
11	10	HDR BIAS	147.27	148.23	0.9628
12	10	HDR BIAS	151.69	152.79	1.0944
13	10	HDR BIAS	148.36	149.07	0.7145
14	10	HDR BIAS	143.4	143.98	0.5753
15	10	HDR BIAS	144.06	144.81	0.7469
16	10	HDR UNBIAS	139.96	140.53	0.5614
17	10	HDR UNBIAS	149.28	148.33	-0.9536
18	10	HDR UNBIAS	149.62	149.17	-0.4457
19	10	HDR UNBIAS	157.94	158	0.0544
20	10	HDR UNBIAS	144.38	143	-1.3752
31	30	HDR BIAS	149.52	148.41	-1.1045
32	30	HDR BIAS	153.37	153.52	0.159
33	30	HDR BIAS	148.43	150.68	2.2562
34	30	HDR BIAS	147.76	149.64	1.8753
35	30	HDR BIAS	153.9	153.87	-0.0287
36	30	HDR UNBIAS	148.17	150.93	2.7589
37	30	HDR UNBIAS	141.53	142.76	1.2265
38	30	HDR UNBIAS	147.36	147.16	-0.2024
39	30	HDR UNBIAS	153.89	149.55	-4.3408
40	30	HDR UNBIAS	141.37	140.27	-1.0997
41	50	HDR BIAS	141.71	143.19	1.4846
42	50	HDR BIAS	152.6	153.82	1.2204
43	50	HDR BIAS	145.29	145.02	-0.2698
44	50	HDR BIAS	148.75	150.37	1.628
45	50	HDR BIAS	146.79	147.35	0.5591
46	50	HDR UNBIAS	148.08	152.85	4.7676
47	50	HDR UNBIAS	147.52	148.89	1.3729
48	50	HDR UNBIAS	138.75	140.94	2.191
49	50	HDR UNBIAS	160.92	162.96	2.044
50	50	HDR UNBIAS	150.38	153.81	3.4274
51	100	HDR BIAS	151.85	152.57	0.7174
52	100	HDR BIAS	151.08	158.91	7.8259
53	100	HDR BIAS	142.43	144.11	1.6754
54	100	HDR BIAS	152.42	158	5.5877
55	100	HDR BIAS	151.08	151.71	0.629
56	100	HDR UNBIAS	140.39	145.65	5.2611
57	100	HDR UNBIAS	154.05	155.68	1.6292
58	100	HDR UNBIAS	141.62	142.88	1.2582
59	100	HDR UNBIAS	150.54	150.31	-0.226
60	100	HDR UNBIAS	150.25	154.83	4.5817
71	0	CORRELATION	149.31	149.55	0.2333
72	0	CORRELATION	139.32	139.7	0.3804
73	0	CORRELATION	148.36	148.83	0.4686

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.32	145.66	149.31	5.5169	139.7	146.02	149.55	5.491	0.2333	0.36077	0.4686	0.11887
3	142.53	149.79	157.82	4.1879	142.69	149.69	157.53	4.0366	-1.3037	-0.10309	1.093	0.64139
10	139.96	147.6	157.94	5.0571	140.53	147.79	158	5.0809	-1.3752	0.19352	1.0944	0.84767
30	141.37	148.53	153.9	4.5242	140.27	148.68	153.87	4.337	-4.3408	0.14998	2.7589	2.0773
50	138.75	148.08	160.92	6.0414	140.94	149.92	162.96	6.3842	-0.2698	1.8425	4.7676	1.4189
100	140.39	148.57	154.05	5.0305	142.88	151.47	158.91	5.6909	-0.226	2.894	7.8259	2.6956

Device Test: 19.60 VOLTAGE|OFFSET//14/14/0/0/5/1MHz//@EA_OS





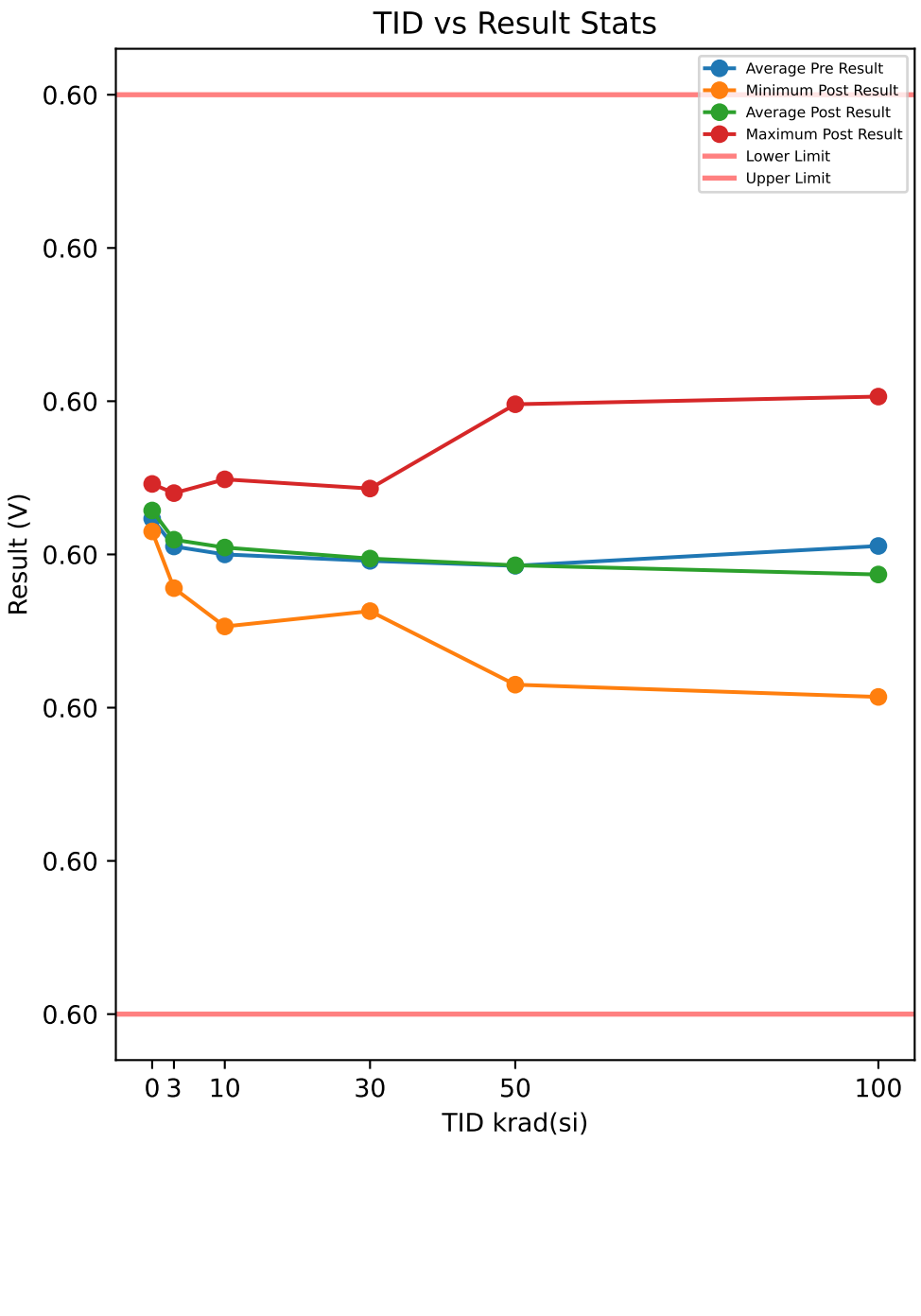
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

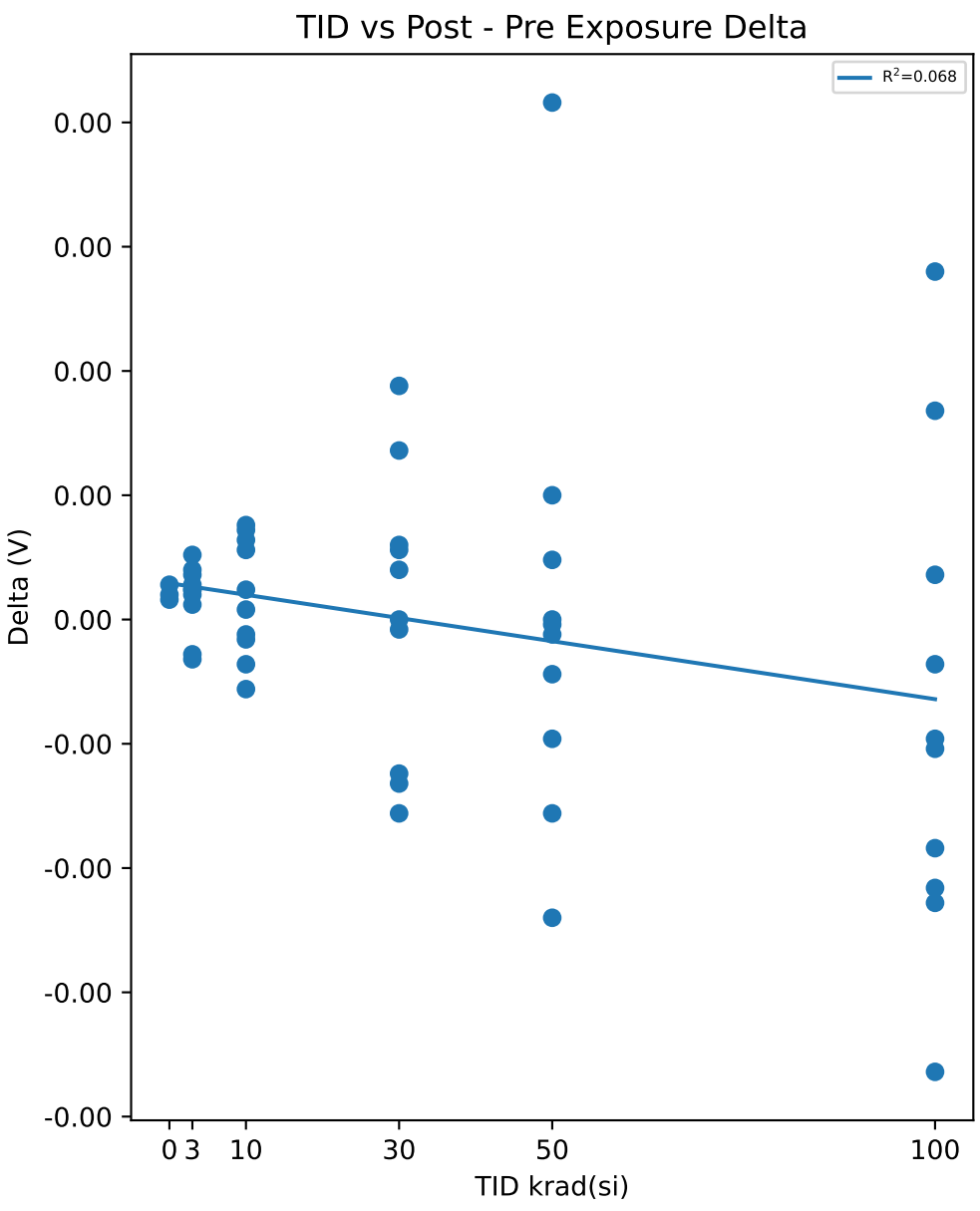
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6218	0.6974	0.0756
2	3	HDR BIAS	1.2331	1.2793	0.0462
3	3	HDR BIAS	-0.1182	-0.0951	0.0231
4	3	HDR BIAS	-0.03	0.0263	0.0563
5	3	HDR BIAS	0.5425	0.5897	0.0472
6	3	HDR UNBIAS	0.6167	0.6614	0.0447
7	3	HDR UNBIAS	0.4744	0.5371	0.0627
8	3	HDR UNBIAS	-0.1858	-0.154	0.0318
9	3	HDR UNBIAS	0.5283	0.5741	0.0458
10	3	HDR UNBIAS	0.6761	0.7429	0.0668
11	10	HDR BIAS	-0.4014	-0.3641	0.0373
12	10	HDR BIAS	0.2586	0.3056	0.047
13	10	HDR BIAS	0.1801	0.2881	0.108
14	10	HDR BIAS	0.408	0.4693	0.0613
15	10	HDR BIAS	0.7239	0.7726	0.0487
16	10	HDR UNBIAS	1.0259	1.0968	0.0709
17	10	HDR UNBIAS	-0.3013	-0.2611	0.0402
18	10	HDR UNBIAS	0.0967	0.1489	0.0522
19	10	HDR UNBIAS	0.6089	0.6394	0.0305
20	10	HDR UNBIAS	-0.1706	-0.1394	0.0312
31	30	HDR BIAS	-0.6741	-0.616	0.0581
32	30	HDR BIAS	0.3114	0.4446	0.1332
33	30	HDR BIAS	1.5837	1.6144	0.0307
34	30	HDR BIAS	0.953	1.077	0.124
35	30	HDR BIAS	0.6059	0.6727	0.0668
36	30	HDR UNBIAS	1.969	2.0055	0.0365
37	30	HDR UNBIAS	-1.4575	-1.3258	0.1317
38	30	HDR UNBIAS	1.3333	1.3981	0.0648
39	30	HDR UNBIAS	-0.0095	0.0183	0.0278
40	30	HDR UNBIAS	0.2908	0.4069	0.1161
41	50	HDR BIAS	0.3346	0.3888	0.0542
42	50	HDR BIAS	0.5711	0.68	0.1089
43	50	HDR BIAS	0.0932	0.1116	0.0184
44	50	HDR BIAS	-0.1707	-0.1263	0.0444
45	50	HDR BIAS	1.5196	1.5492	0.0296
46	50	HDR UNBIAS	0.7595	0.8504	0.0909
47	50	HDR UNBIAS	0.3424	0.4076	0.0652
48	50	HDR UNBIAS	-0.0373	0.0138	0.0511
49	50	HDR UNBIAS	-0.1361	0.0165	0.1526
50	50	HDR UNBIAS	0.3971	0.5467	0.1496
51	100	HDR BIAS	-0.9508	-0.7587	0.1921
52	100	HDR BIAS	0.7929	0.9462	0.1533
53	100	HDR BIAS	0.6308	0.7302	0.0994
54	100	HDR BIAS	0.425	0.6395	0.2145
55	100	HDR BIAS	0.9252	1.1279	0.2027
56	100	HDR UNBIAS	1.3508	1.4114	0.0606
57	100	HDR UNBIAS	1.5675	1.6884	0.1209
58	100	HDR UNBIAS	1.5433	1.6621	0.1188
59	100	HDR UNBIAS	0.2313	0.3613	0.13
60	100	HDR UNBIAS	-0.1385	0.0211	0.1596
71	0	CORRELATION	1.0273	1.088	0.0607
72	0	CORRELATION	0.1205	0.1448	0.0243
73	0	CORRELATION	0.2775	0.3214	0.0439

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	0.1205	0.4751	1.0273	0.48462	0.1448	0.51807	1.088	0.50141	0.0243	0.042967	0.0607	0.018218
3	-0.1858	0.43589	1.2331	0.43365	-0.154	0.48591	1.2793	0.44102	0.0231	0.05002	0.0756	0.015852
10	-0.4014	0.24288	1.0259	0.4611	-0.3641	0.29561	1.0968	0.46831	0.0305	0.05273	0.108	0.023239
30	-1.4575	0.4906	1.969	1.043	-1.3258	0.56957	2.0055	1.0248	0.0278	0.07897	0.1332	0.04303
50	-0.1707	0.36734	1.5196	0.50634	-0.1263	0.44383	1.5492	0.5012	0.0184	0.07649	0.1526	0.047455
100	-0.9508	0.63775	1.5675	0.79135	-0.7587	0.78294	1.6884	0.76678	0.0606	0.14519	0.2145	0.048711

Device Test: 19.61 VOLTAGE|VREF//4.5/4.5/0/1000/4.5/100kHz//@VREF_25C





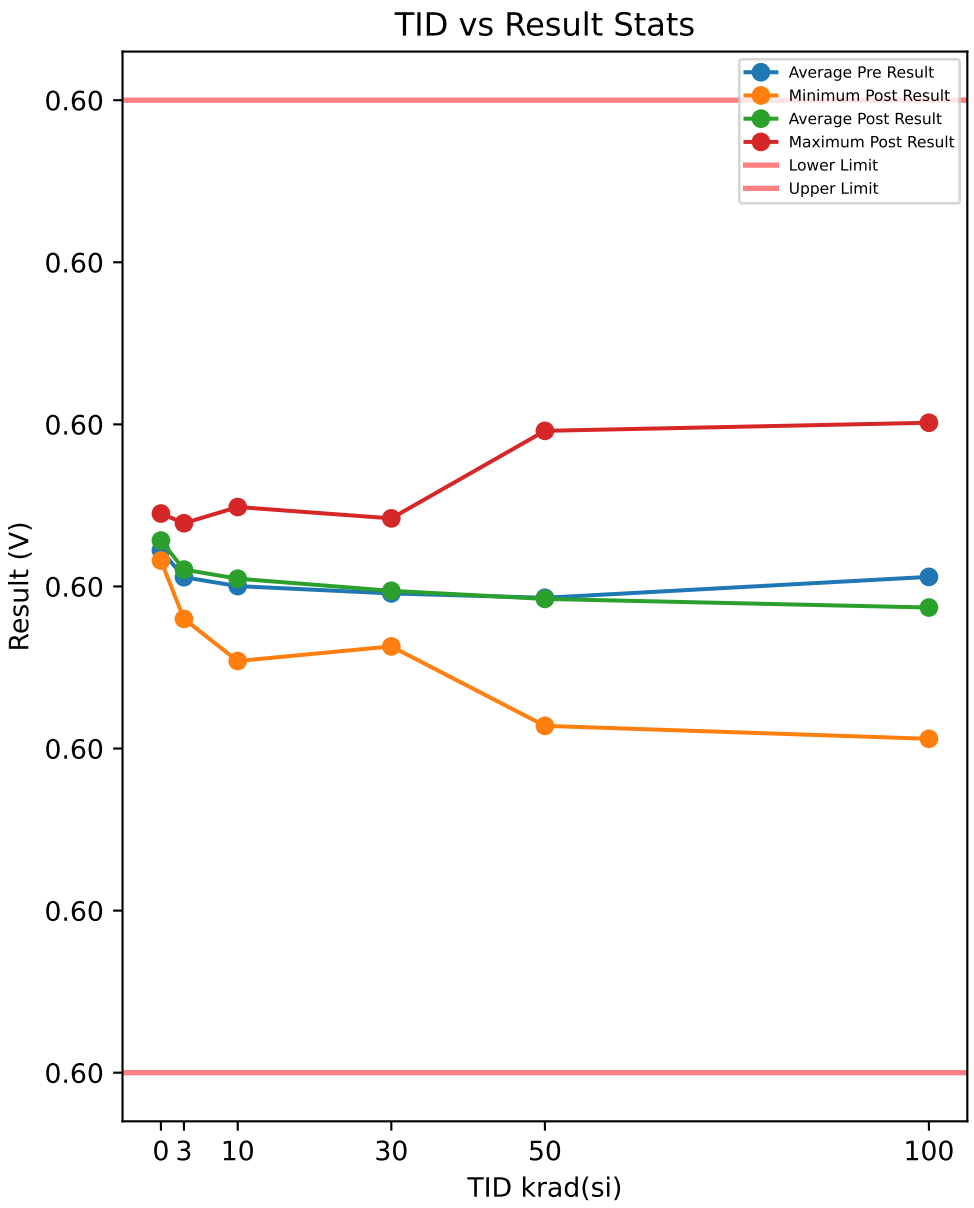
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

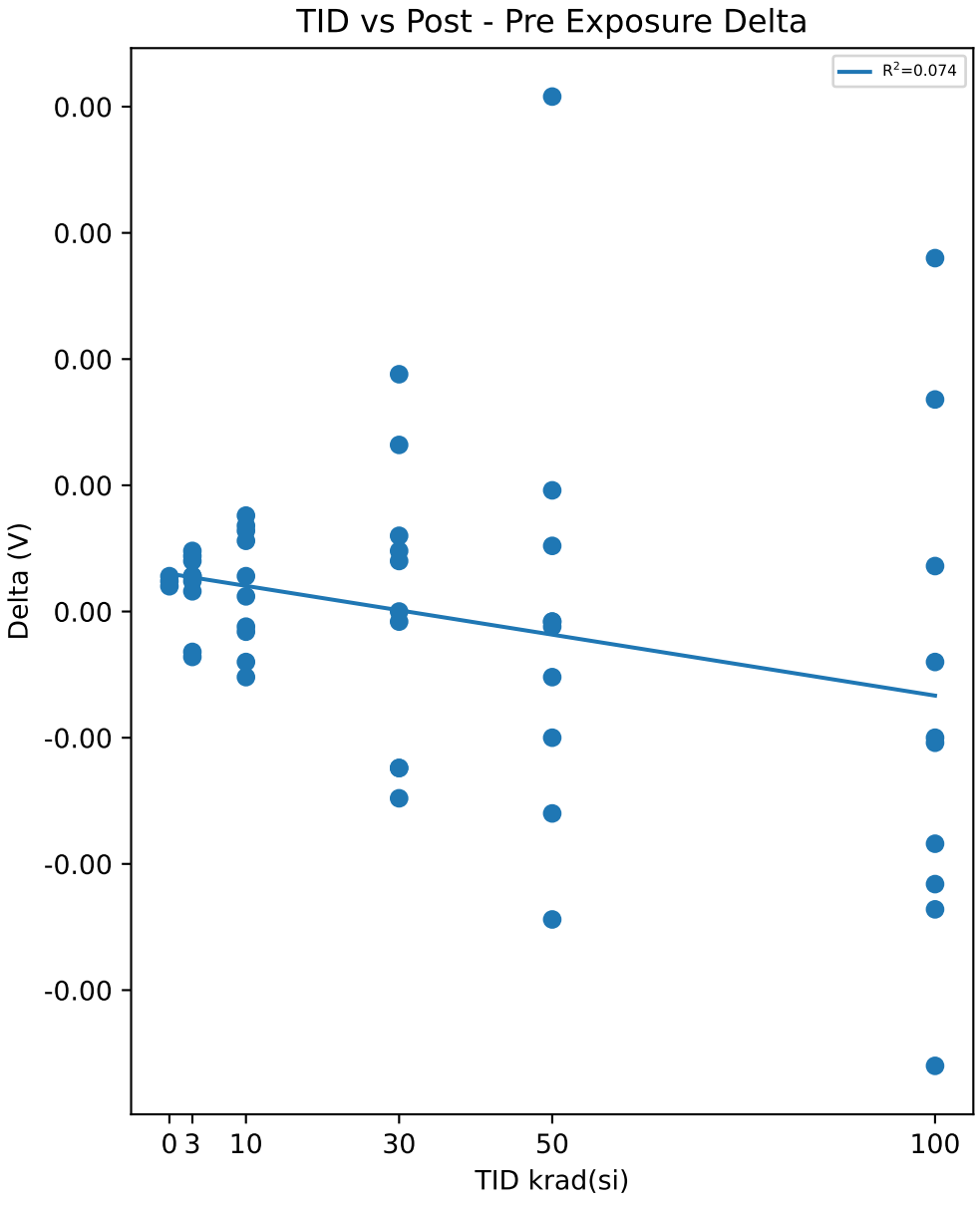
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59987	0.59993	6e-05
2	3	HDR BIAS	0.60015	0.60007	-8e-05
3	3	HDR BIAS	0.60025	0.6003	5e-05
4	3	HDR BIAS	0.60001	0.60011	0.0001
5	3	HDR BIAS	0.60013	0.6002	7e-05
6	3	HDR UNBIAS	0.60003	0.59996	-7e-05
7	3	HDR UNBIAS	0.60018	0.60024	6e-05
8	3	HDR UNBIAS	0.60027	0.6004	0.00013
9	3	HDR UNBIAS	0.59988	0.59997	9e-05
10	3	HDR UNBIAS	0.59975	0.59978	3e-05
11	10	HDR BIAS	0.60031	0.60049	0.00018
12	10	HDR BIAS	0.59988	0.59994	6e-05
13	10	HDR BIAS	0.60023	0.60039	0.00016
14	10	HDR BIAS	0.59957	0.59953	-4e-05
15	10	HDR BIAS	0.60014	0.6	-0.00014
16	10	HDR UNBIAS	0.59998	0.60012	0.00014
17	10	HDR UNBIAS	0.59969	0.5996	-9e-05
18	10	HDR UNBIAS	0.60025	0.60044	0.00019
19	10	HDR UNBIAS	0.59983	0.5998	-3e-05
20	10	HDR UNBIAS	0.60012	0.60014	2e-05
31	30	HDR BIAS	0.59996	0.59963	-0.00033
32	30	HDR BIAS	0.60011	0.60025	0.00014
33	30	HDR BIAS	0.60007	0.59976	-0.00031
34	30	HDR BIAS	0.59971	0.59986	0.00015
35	30	HDR BIAS	0.59971	0.60018	0.00047
36	30	HDR UNBIAS	0.60009	0.60043	0.00034
37	30	HDR UNBIAS	0.59985	0.59983	-2e-05
38	30	HDR UNBIAS	0.60006	0.59967	-0.00039
39	30	HDR UNBIAS	0.59976	0.59986	0.0001
40	30	HDR UNBIAS	0.60026	0.60026	0
41	50	HDR BIAS	0.59985	0.59925	-0.0006
42	50	HDR BIAS	0.59987	0.59999	0.00012
43	50	HDR BIAS	0.5999	0.59989	-1e-05
44	50	HDR BIAS	0.59954	0.59915	-0.00039
45	50	HDR BIAS	0.60003	0.6	-3e-05
46	50	HDR UNBIAS	0.59994	0.60098	0.00104
47	50	HDR UNBIAS	0.60006	0.60006	0
48	50	HDR UNBIAS	0.60013	0.59989	-0.00024
49	50	HDR UNBIAS	0.60019	0.60008	-0.00011
50	50	HDR UNBIAS	0.59975	0.6	0.00025
51	100	HDR BIAS	0.60033	0.60009	-0.00024
52	100	HDR BIAS	0.59964	0.59907	-0.00057
53	100	HDR BIAS	0.60029	0.59938	-0.00091
54	100	HDR BIAS	0.5999	0.59964	-0.00026
55	100	HDR BIAS	0.59978	0.59932	-0.00046
56	100	HDR UNBIAS	0.60027	0.60069	0.00042
57	100	HDR UNBIAS	0.59983	0.59974	-9e-05
58	100	HDR UNBIAS	0.59999	0.59945	-0.00054
59	100	HDR UNBIAS	0.60019	0.60028	9e-05
60	100	HDR UNBIAS	0.60033	0.60103	0.0007
71	0	CORRELATION	0.60041	0.60046	5e-05
72	0	CORRELATION	0.60021	0.60025	4e-05
73	0	CORRELATION	0.60008	0.60015	7e-05

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	0.60008	0.60023	0.60041	0.00016623	0.60015	0.60029	0.60046	0.00015822	4e-05	5.3333e-05	7e-05	1.5275e-05
3	0.59975	0.60005	0.60027	0.00017479	0.59978	0.6001	0.6004	0.00019097	-8e-05	4.4e-05	0.00013	6.867e-05
10	0.59957	0.6	0.60031	0.00025171	0.59953	0.60004	0.60049	0.00033732	-0.00014	4.5e-05	0.00019	0.00011909
30	0.59971	0.59996	0.60026	0.00019107	0.59963	0.59997	0.60043	0.00028119	-0.00039	1.5e-05	0.00047	0.00028749
50	0.59954	0.59993	0.60019	0.00019144	0.59915	0.59993	0.60098	0.00049769	-0.0006	3e-06	0.00104	0.00043985
100	0.59964	0.60006	0.60033	0.00025769	0.59907	0.59987	0.60103	0.00063799	-0.00091	-0.000186	0.0007	0.00048512

Device Test: 19.63 VOLTAGE|VREF//5/5/0/1000/5/100kHz//@VREF_25C





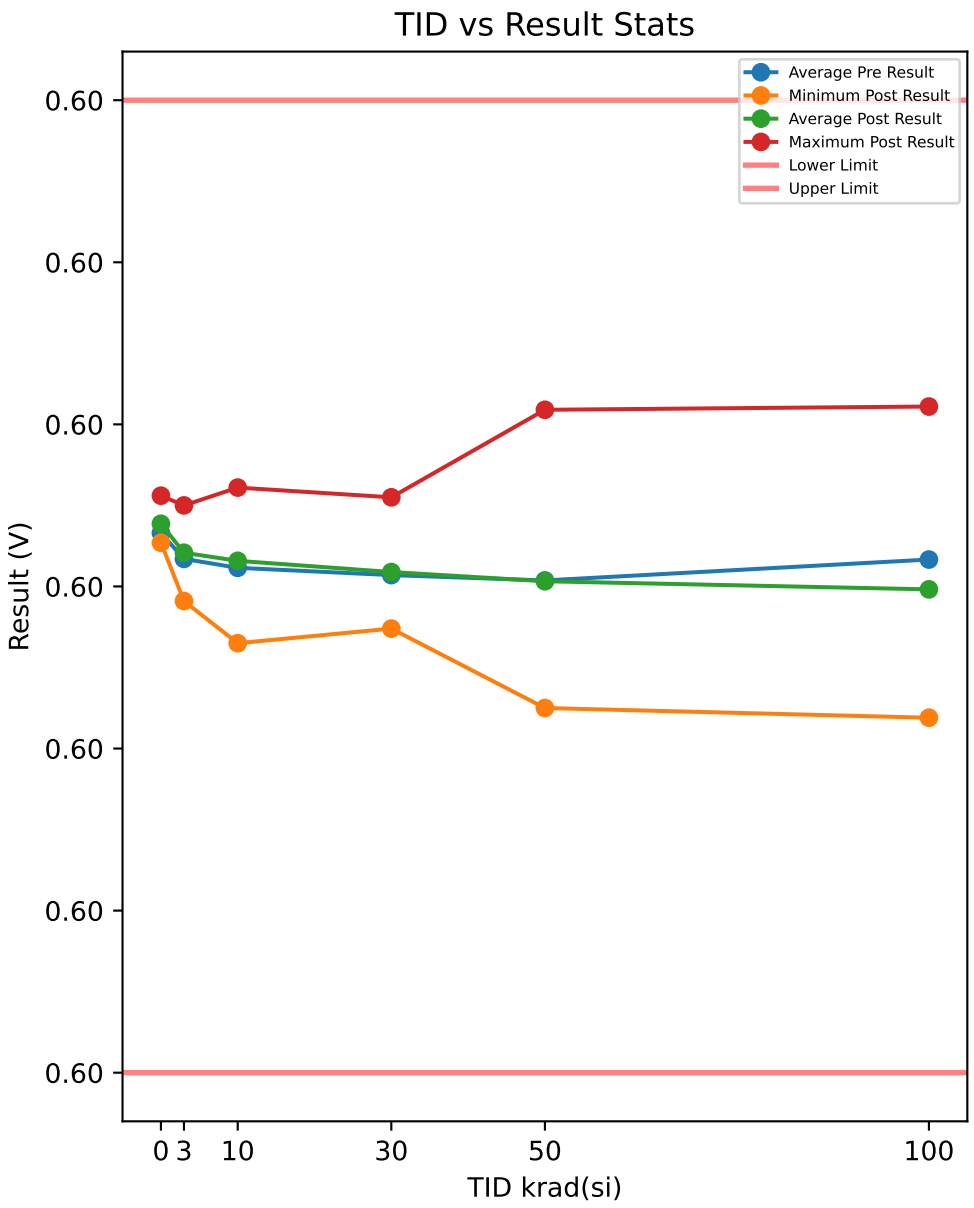
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

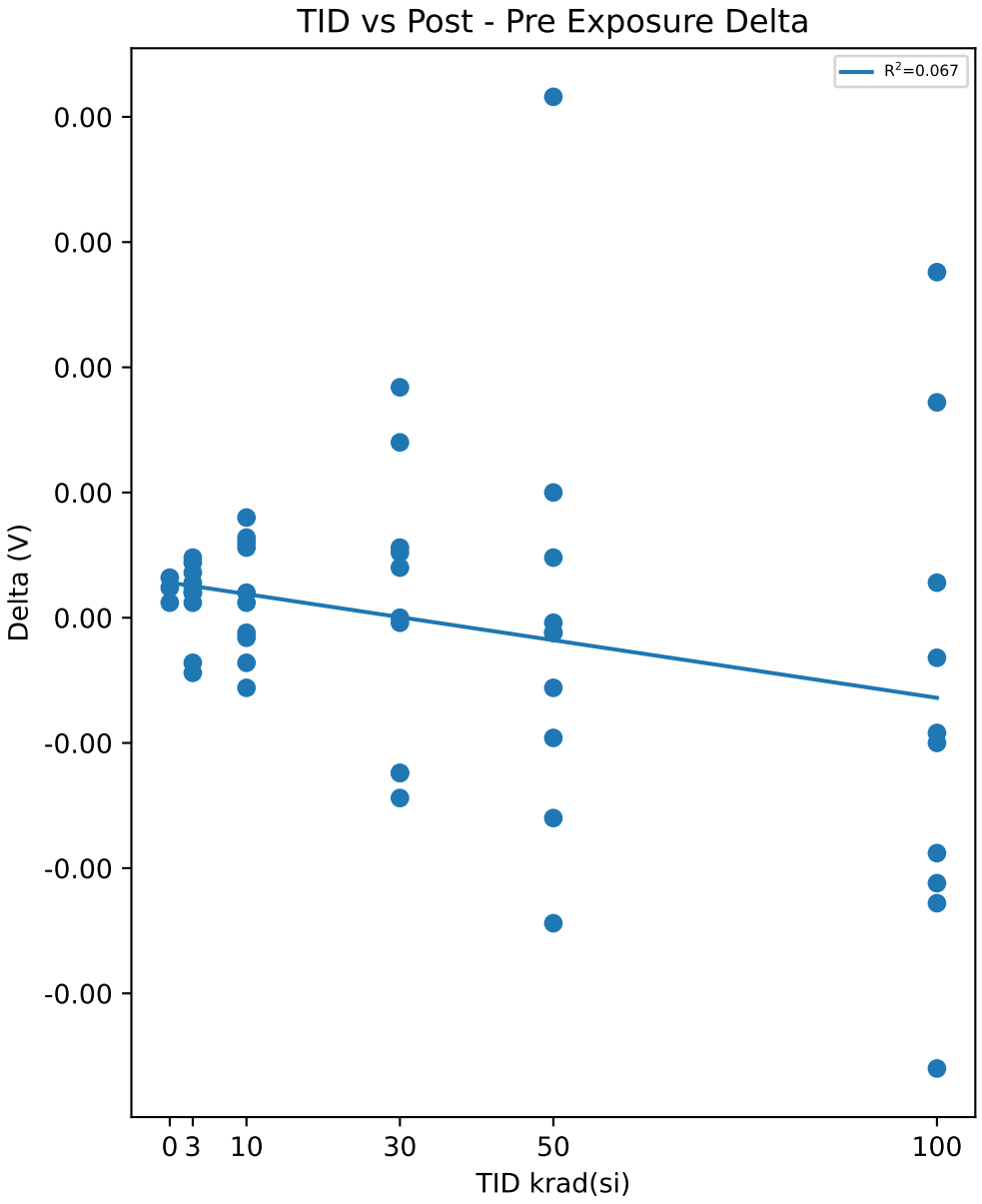
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59988	0.59994	6e-05
2	3	HDR BIAS	0.60018	0.60009	-9e-05
3	3	HDR BIAS	0.60023	0.6003	7e-05
4	3	HDR BIAS	0.60001	0.60012	0.00011
5	3	HDR BIAS	0.60015	0.60022	7e-05
6	3	HDR UNBIAS	0.60005	0.59997	-8e-05
7	3	HDR UNBIAS	0.60016	0.60023	7e-05
8	3	HDR UNBIAS	0.60027	0.60039	0.00012
9	3	HDR UNBIAS	0.59988	0.59998	0.0001
10	3	HDR UNBIAS	0.59976	0.5998	4e-05
11	10	HDR BIAS	0.60032	0.60049	0.00017
12	10	HDR BIAS	0.59988	0.59995	7e-05
13	10	HDR BIAS	0.60022	0.60038	0.00016
14	10	HDR BIAS	0.59958	0.59954	-4e-05
15	10	HDR BIAS	0.60013	0.6	-0.00013
16	10	HDR UNBIAS	0.59998	0.60012	0.00014
17	10	HDR UNBIAS	0.59971	0.59961	-0.0001
18	10	HDR UNBIAS	0.60025	0.60044	0.00019
19	10	HDR UNBIAS	0.59982	0.59979	-3e-05
20	10	HDR UNBIAS	0.60013	0.60016	3e-05
31	30	HDR BIAS	0.59994	0.59963	-0.00031
32	30	HDR BIAS	0.60013	0.60025	0.00012
33	30	HDR BIAS	0.60008	0.59977	-0.00031
34	30	HDR BIAS	0.59972	0.59987	0.00015
35	30	HDR BIAS	0.59971	0.60018	0.00047
36	30	HDR UNBIAS	0.60009	0.60042	0.00033
37	30	HDR UNBIAS	0.59985	0.59983	-2e-05
38	30	HDR UNBIAS	0.60006	0.59969	-0.00037
39	30	HDR UNBIAS	0.59975	0.59985	0.0001
40	30	HDR UNBIAS	0.60024	0.60024	0
41	50	HDR BIAS	0.59986	0.59925	-0.00061
42	50	HDR BIAS	0.59988	0.60001	0.00013
43	50	HDR BIAS	0.59989	0.59987	-2e-05
44	50	HDR BIAS	0.59954	0.59914	-0.0004
45	50	HDR BIAS	0.60003	0.6	-3e-05
46	50	HDR UNBIAS	0.59994	0.60096	0.00102
47	50	HDR UNBIAS	0.60006	0.60004	-2e-05
48	50	HDR UNBIAS	0.60014	0.59989	-0.00025
49	50	HDR UNBIAS	0.60022	0.60009	-0.00013
50	50	HDR UNBIAS	0.59974	0.59998	0.00024
51	100	HDR BIAS	0.60034	0.60009	-0.00025
52	100	HDR BIAS	0.59965	0.59906	-0.00059
53	100	HDR BIAS	0.60027	0.59937	-0.0009
54	100	HDR BIAS	0.59992	0.59966	-0.00026
55	100	HDR BIAS	0.59978	0.59932	-0.00046
56	100	HDR UNBIAS	0.60028	0.6007	0.00042
57	100	HDR UNBIAS	0.59983	0.59973	-0.0001
58	100	HDR UNBIAS	0.60002	0.59948	-0.00054
59	100	HDR UNBIAS	0.60019	0.60028	9e-05
60	100	HDR UNBIAS	0.60031	0.60101	0.0007
71	0	CORRELATION	0.60039	0.60045	6e-05
72	0	CORRELATION	0.60019	0.60024	5e-05
73	0	CORRELATION	0.60009	0.60016	7e-05

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	0.60009	0.60022	0.60039	0.00015275	0.60016	0.60028	0.60045	0.00014978	5e-05	6e-05	7e-05	1e-05
3	0.59976	0.60006	0.60027	0.00017088	0.5998	0.6001	0.60039	0.00018338	-9e-05	4.7e-05	0.00012	7.3643e-05
10	0.59958	0.6	0.60032	0.00024827	0.59954	0.60005	0.60049	0.00033423	-0.00013	4.6e-05	0.00019	0.00011749
30	0.59971	0.59996	0.60024	0.00019009	0.59963	0.59997	0.60042	0.00027403	-0.00037	1.6e-05	0.00047	0.00027961
50	0.59954	0.59993	0.60022	0.00019788	0.59914	0.59992	0.60096	0.00049482	-0.00061	-7e-06	0.00102	0.00043813
100	0.59965	0.60006	0.60034	0.00025186	0.59906	0.59987	0.60101	0.00063503	-0.0009	-0.000189	0.0007	0.00048519

Device Test: 19.65 VOLTAGE|VREF//12/12/0/1000/5/100kHz//@VREF_25C





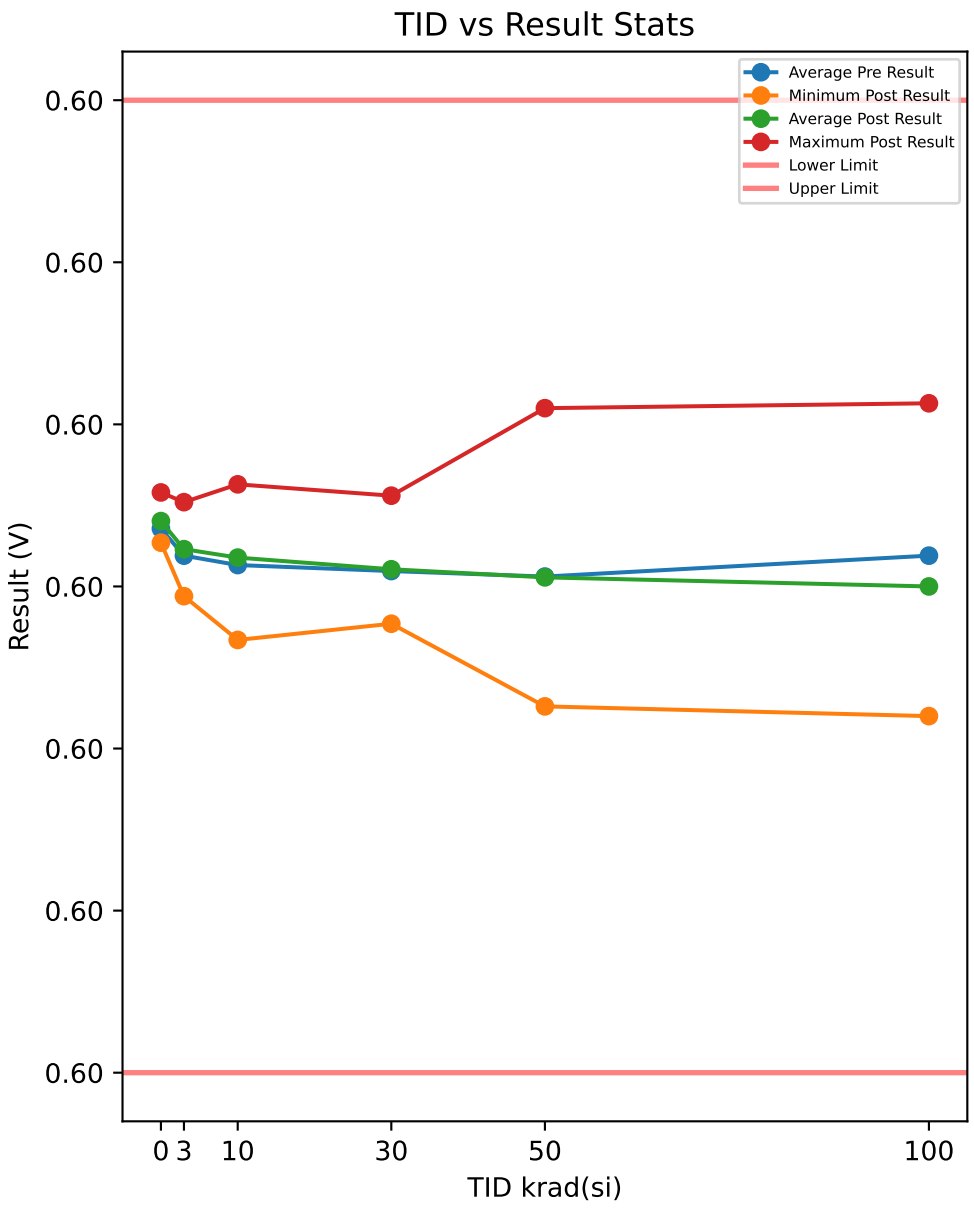
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

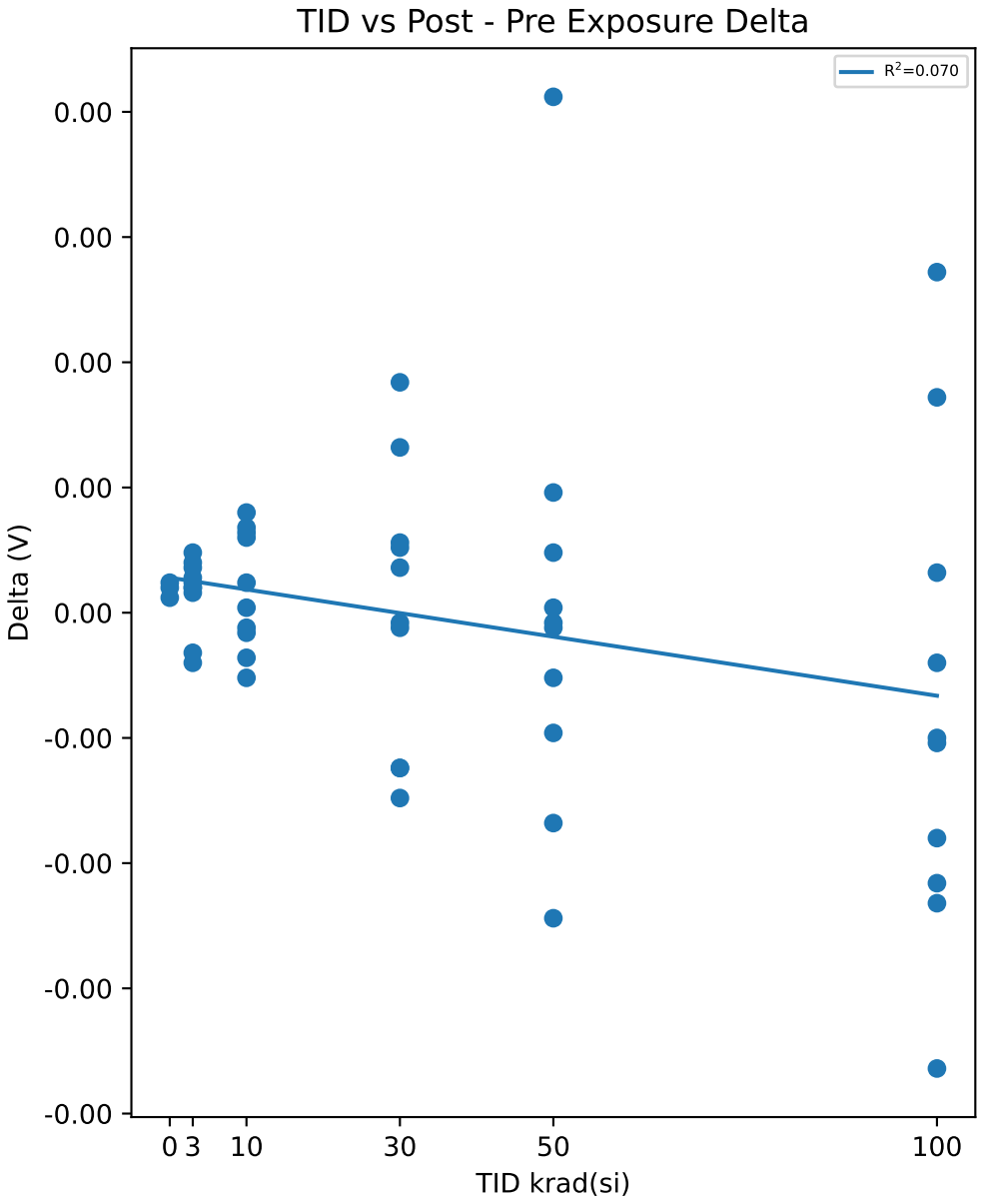
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6	0.60005	5e-05
2	3	HDR BIAS	0.6003	0.60019	-0.00011
3	3	HDR BIAS	0.60034	0.6004	6e-05
4	3	HDR BIAS	0.60011	0.60022	0.00011
5	3	HDR BIAS	0.60027	0.60032	5e-05
6	3	HDR UNBIAS	0.60016	0.60007	-9e-05
7	3	HDR UNBIAS	0.60027	0.60034	7e-05
8	3	HDR UNBIAS	0.60038	0.6005	0.00012
9	3	HDR UNBIAS	0.59999	0.60008	9e-05
10	3	HDR UNBIAS	0.59988	0.59991	3e-05
11	10	HDR BIAS	0.60045	0.60061	0.00016
12	10	HDR BIAS	0.6	0.60005	5e-05
13	10	HDR BIAS	0.60034	0.60049	0.00015
14	10	HDR BIAS	0.59969	0.59965	-4e-05
15	10	HDR BIAS	0.60025	0.60011	-0.00014
16	10	HDR UNBIAS	0.6001	0.60024	0.00014
17	10	HDR UNBIAS	0.5998	0.59971	-9e-05
18	10	HDR UNBIAS	0.60036	0.60056	0.0002
19	10	HDR UNBIAS	0.59993	0.5999	-3e-05
20	10	HDR UNBIAS	0.60023	0.60026	3e-05
31	30	HDR BIAS	0.60005	0.59974	-0.00031
32	30	HDR BIAS	0.60023	0.60036	0.00013
33	30	HDR BIAS	0.6002	0.59989	-0.00031
34	30	HDR BIAS	0.59984	0.59998	0.00014
35	30	HDR BIAS	0.59982	0.60028	0.00046
36	30	HDR UNBIAS	0.6002	0.60055	0.00035
37	30	HDR UNBIAS	0.59996	0.59995	-1e-05
38	30	HDR UNBIAS	0.60017	0.59981	-0.00036
39	30	HDR UNBIAS	0.59988	0.59998	0.0001
40	30	HDR UNBIAS	0.60035	0.60035	0
41	50	HDR BIAS	0.59997	0.59936	-0.00061
42	50	HDR BIAS	0.59998	0.6001	0.00012
43	50	HDR BIAS	0.6	0.59997	-3e-05
44	50	HDR BIAS	0.59965	0.59925	-0.0004
45	50	HDR BIAS	0.60014	0.60011	-3e-05
46	50	HDR UNBIAS	0.60005	0.60109	0.00104
47	50	HDR UNBIAS	0.60017	0.60016	-1e-05
48	50	HDR UNBIAS	0.60023	0.59999	-0.00024
49	50	HDR UNBIAS	0.60033	0.60019	-0.00014
50	50	HDR UNBIAS	0.59985	0.6001	0.00025
51	100	HDR BIAS	0.60044	0.60021	-0.00023
52	100	HDR BIAS	0.59976	0.59919	-0.00057
53	100	HDR BIAS	0.60038	0.59948	-0.0009
54	100	HDR BIAS	0.60002	0.59977	-0.00025
55	100	HDR BIAS	0.59989	0.59942	-0.00047
56	100	HDR UNBIAS	0.60039	0.60082	0.00043
57	100	HDR UNBIAS	0.59994	0.59986	-8e-05
58	100	HDR UNBIAS	0.60012	0.59959	-0.00053
59	100	HDR UNBIAS	0.6003	0.60037	7e-05
60	100	HDR UNBIAS	0.60042	0.60111	0.00069
71	0	CORRELATION	0.6005	0.60056	6e-05
72	0	CORRELATION	0.6003	0.60033	3e-05
73	0	CORRELATION	0.60019	0.60027	8e-05

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	0.60019	0.60033	0.6005	0.00015716	0.60027	0.60039	0.60056	0.00015308	3e-05	5.6667e-05	8e-05	2.5166e-05
3	0.59988	0.60017	0.60038	0.00016964	0.59991	0.60021	0.6005	0.00018311	-0.00011	3.8e-05	0.00012	7.8003e-05
10	0.59969	0.60011	0.60045	0.00025426	0.59965	0.60016	0.60061	0.00033872	-0.00014	4.3e-05	0.0002	0.00011681
30	0.59982	0.60007	0.60035	0.00018613	0.59974	0.60009	0.60055	0.00027343	-0.00036	1.9e-05	0.00046	0.00027867
50	0.59965	0.60004	0.60033	0.00019591	0.59925	0.60003	0.60109	0.00049942	-0.00061	-5e-06	0.00104	0.0004434
100	0.59976	0.60017	0.60044	0.00025145	0.59919	0.59998	0.60111	0.0006312	-0.0009	-0.000184	0.00069	0.00048141

Device Test: 19.67 VOLTAGE|VREF//14/14/0/1000/5/100kHz//@VREF_25C





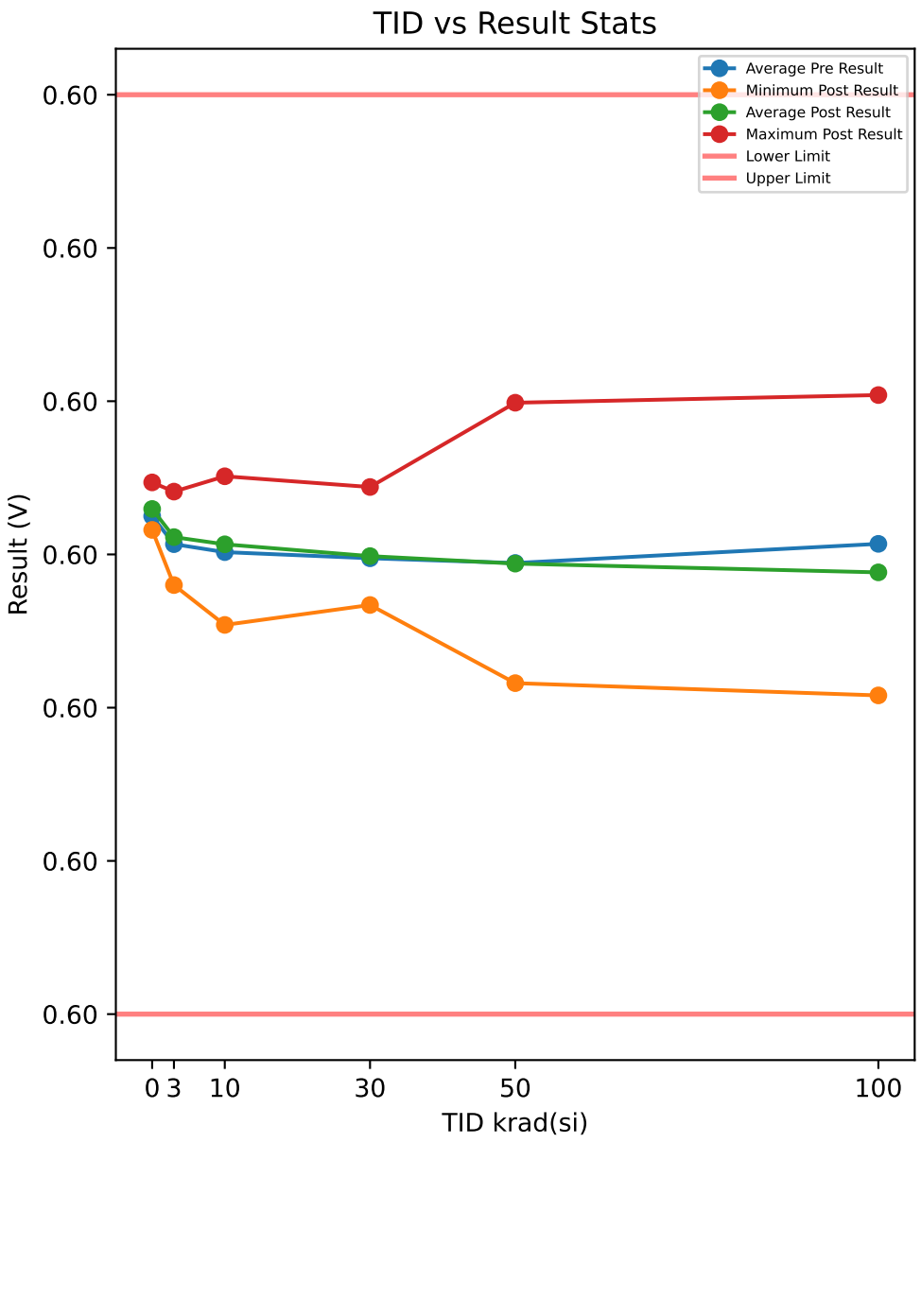
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

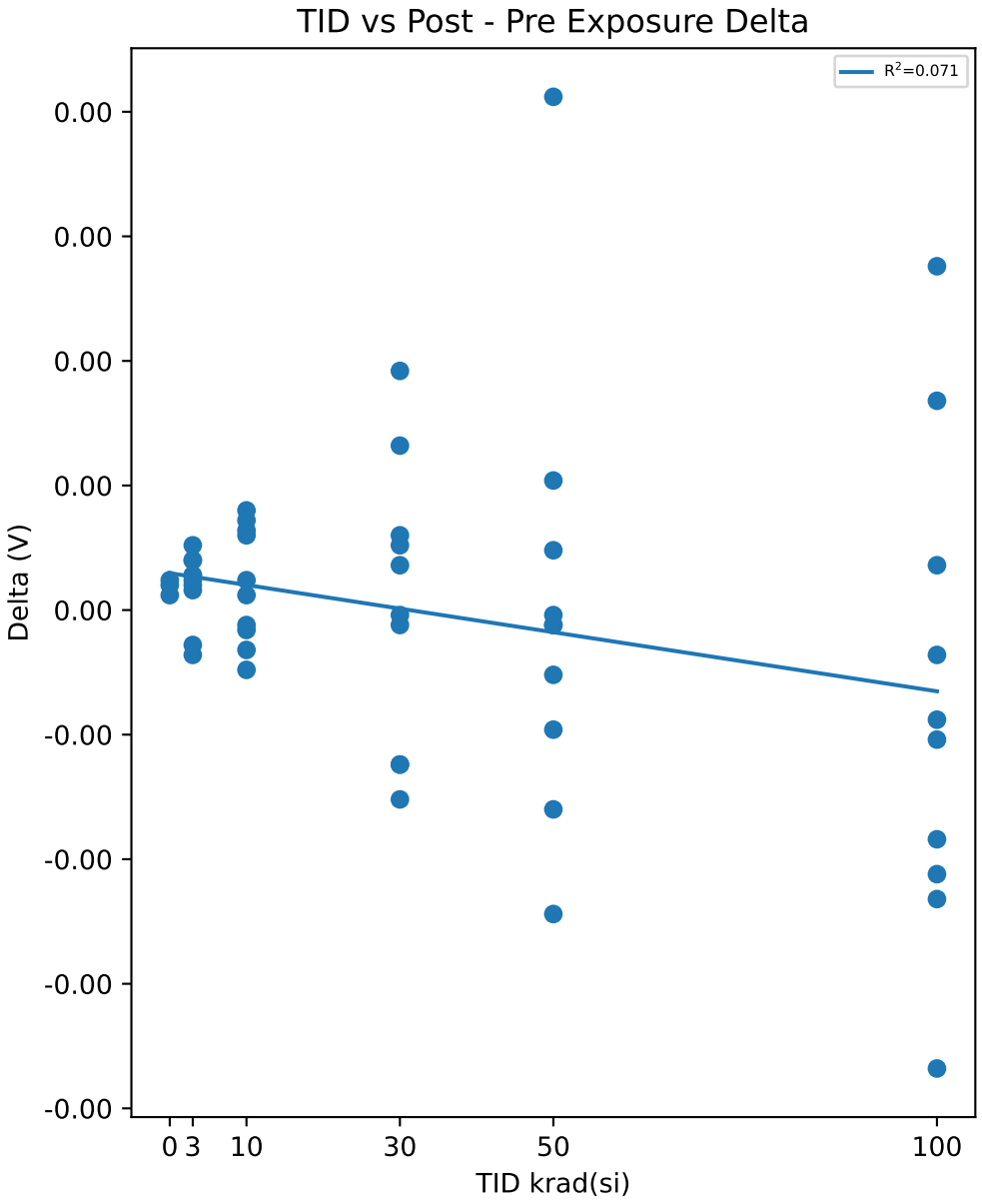
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.60002	0.60007	5e-05
2	3	HDR BIAS	0.60031	0.60021	-0.0001
3	3	HDR BIAS	0.60037	0.60042	5e-05
4	3	HDR BIAS	0.60014	0.60024	0.0001
5	3	HDR BIAS	0.60029	0.60035	6e-05
6	3	HDR UNBIAS	0.60017	0.60009	-8e-05
7	3	HDR UNBIAS	0.60029	0.60036	7e-05
8	3	HDR UNBIAS	0.6004	0.60052	0.00012
9	3	HDR UNBIAS	0.60001	0.6001	9e-05
10	3	HDR UNBIAS	0.5999	0.59994	4e-05
11	10	HDR BIAS	0.60047	0.60063	0.00016
12	10	HDR BIAS	0.60001	0.60007	6e-05
13	10	HDR BIAS	0.60035	0.60052	0.00017
14	10	HDR BIAS	0.59971	0.59967	-4e-05
15	10	HDR BIAS	0.60026	0.60013	-0.00013
16	10	HDR UNBIAS	0.60011	0.60026	0.00015
17	10	HDR UNBIAS	0.59982	0.59973	-9e-05
18	10	HDR UNBIAS	0.60038	0.60058	0.0002
19	10	HDR UNBIAS	0.59995	0.59992	-3e-05
20	10	HDR UNBIAS	0.60026	0.60027	1e-05
31	30	HDR BIAS	0.60008	0.59977	-0.00031
32	30	HDR BIAS	0.60025	0.60039	0.00014
33	30	HDR BIAS	0.60022	0.59991	-0.00031
34	30	HDR BIAS	0.59986	0.59999	0.00013
35	30	HDR BIAS	0.59984	0.6003	0.00046
36	30	HDR UNBIAS	0.60023	0.60056	0.00033
37	30	HDR UNBIAS	0.59999	0.59996	-3e-05
38	30	HDR UNBIAS	0.60019	0.59982	-0.00037
39	30	HDR UNBIAS	0.59991	0.6	9e-05
40	30	HDR UNBIAS	0.60038	0.60036	-2e-05
41	50	HDR BIAS	0.59999	0.59938	-0.00061
42	50	HDR BIAS	0.6	0.60012	0.00012
43	50	HDR BIAS	0.60003	0.6	-3e-05
44	50	HDR BIAS	0.59968	0.59926	-0.00042
45	50	HDR BIAS	0.60015	0.60013	-2e-05
46	50	HDR UNBIAS	0.60007	0.6011	0.00103
47	50	HDR UNBIAS	0.60019	0.6002	1e-05
48	50	HDR UNBIAS	0.60027	0.60003	-0.00024
49	50	HDR UNBIAS	0.60035	0.60022	-0.00013
50	50	HDR UNBIAS	0.59988	0.60012	0.00024
51	100	HDR BIAS	0.60047	0.60022	-0.00025
52	100	HDR BIAS	0.59978	0.5992	-0.00058
53	100	HDR BIAS	0.60041	0.5995	-0.00091
54	100	HDR BIAS	0.60005	0.59979	-0.00026
55	100	HDR BIAS	0.5999	0.59945	-0.00045
56	100	HDR UNBIAS	0.60041	0.60084	0.00043
57	100	HDR UNBIAS	0.59997	0.59987	-0.0001
58	100	HDR UNBIAS	0.60014	0.5996	-0.00054
59	100	HDR UNBIAS	0.60032	0.6004	8e-05
60	100	HDR UNBIAS	0.60045	0.60113	0.00068
71	0	CORRELATION	0.60053	0.60058	5e-05
72	0	CORRELATION	0.60033	0.60036	3e-05
73	0	CORRELATION	0.60021	0.60027	6e-05

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	0.60021	0.60036	0.60053	0.00016166	0.60027	0.6004	0.60058	0.00015948	3e-05	4.6667e-05	6e-05	1.5275e-05
3	0.5999	0.60019	0.6004	0.00016971	0.59994	0.60023	0.60052	0.00018203	-0.0001	4e-05	0.00012	7.303e-05
10	0.59971	0.60013	0.60047	0.00025385	0.59967	0.60018	0.60063	0.0003395	-0.00013	4.6e-05	0.0002	0.00011881
30	0.59984	0.60009	0.60038	0.00018674	0.59977	0.60011	0.60056	0.00027245	-0.00037	1.1e-05	0.00046	0.00027775
50	0.59968	0.60006	0.60035	0.00019422	0.59926	0.60006	0.6011	0.00049952	-0.00061	-5e-06	0.00103	0.00044185
100	0.59978	0.60019	0.60047	0.00025438	0.5992	0.6	0.60113	0.00063284	-0.00091	-0.00019	0.00068	0.00048206

Device Test: 19.69 VOLTAGE|VREF//4.5/4.5/0/1000/4.5/500kHz//@VREF_25C





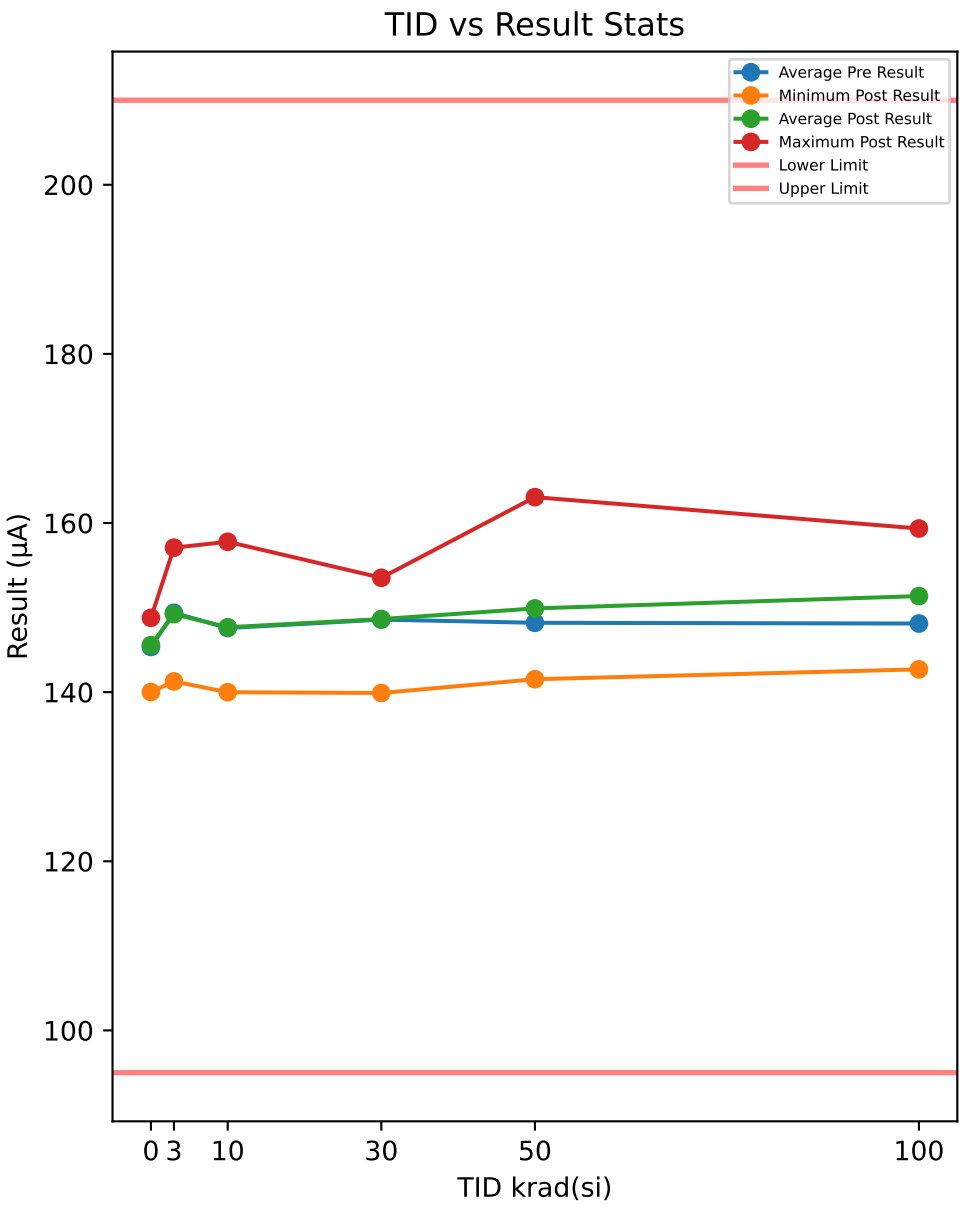
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

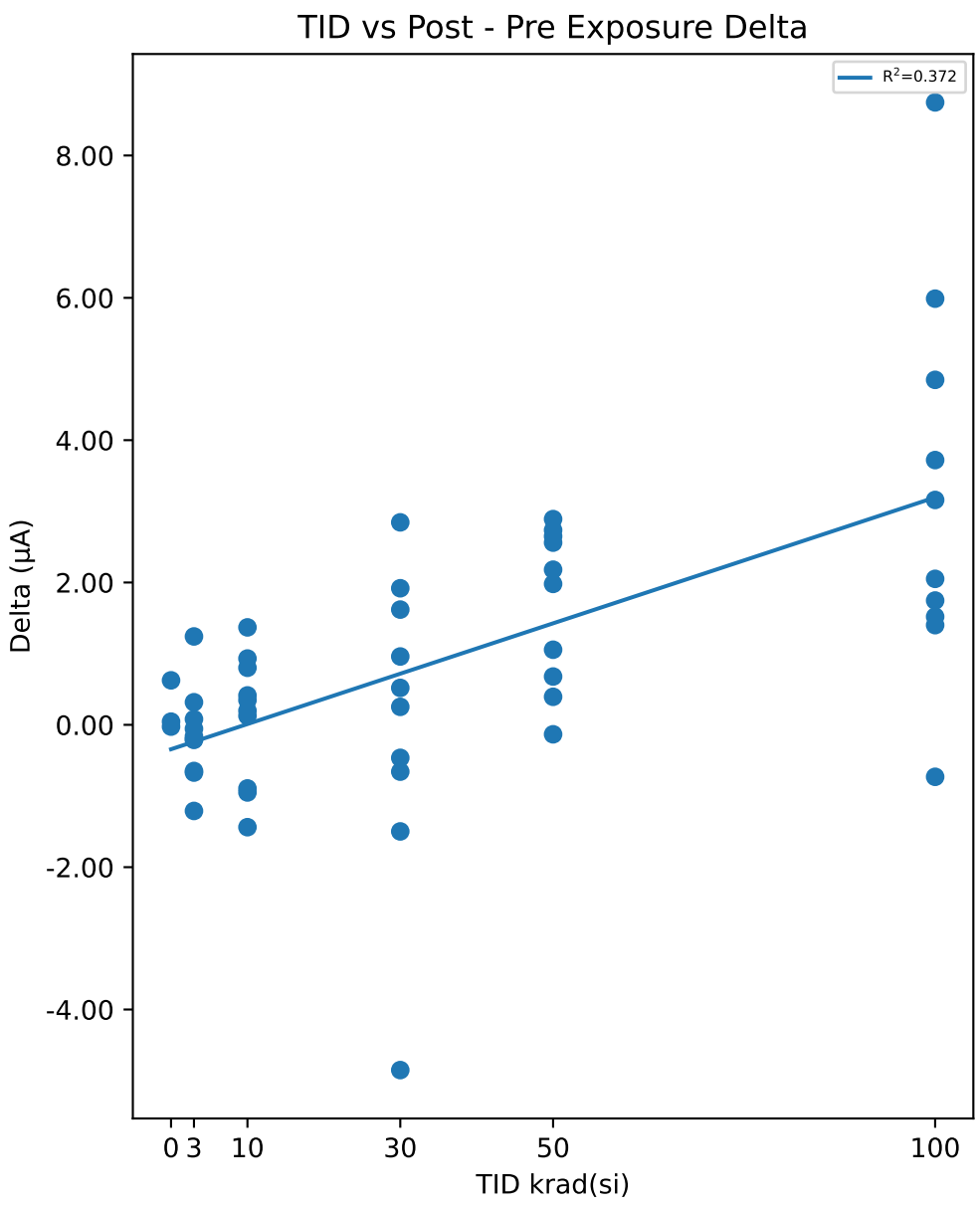
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59989	0.59994	5e-05
2	3	HDR BIAS	0.60018	0.60009	-9e-05
3	3	HDR BIAS	0.60025	0.60032	7e-05
4	3	HDR BIAS	0.60002	0.60012	0.0001
5	3	HDR BIAS	0.60016	0.60022	6e-05
6	3	HDR UNBIAS	0.60005	0.59998	-7e-05
7	3	HDR UNBIAS	0.60019	0.60026	7e-05
8	3	HDR UNBIAS	0.60028	0.60041	0.00013
9	3	HDR UNBIAS	0.59989	0.59999	0.0001
10	3	HDR UNBIAS	0.59976	0.5998	4e-05
11	10	HDR BIAS	0.60033	0.60051	0.00018
12	10	HDR BIAS	0.5999	0.59996	6e-05
13	10	HDR BIAS	0.60025	0.60041	0.00016
14	10	HDR BIAS	0.59958	0.59954	-4e-05
15	10	HDR BIAS	0.60015	0.60003	-0.00012
16	10	HDR UNBIAS	0.6	0.60015	0.00015
17	10	HDR UNBIAS	0.5997	0.59962	-8e-05
18	10	HDR UNBIAS	0.60026	0.60046	0.0002
19	10	HDR UNBIAS	0.59984	0.59981	-3e-05
20	10	HDR UNBIAS	0.60014	0.60017	3e-05
31	30	HDR BIAS	0.59998	0.59967	-0.00031
32	30	HDR BIAS	0.60013	0.60026	0.00013
33	30	HDR BIAS	0.60009	0.59978	-0.00031
34	30	HDR BIAS	0.59973	0.59988	0.00015
35	30	HDR BIAS	0.59972	0.6002	0.00048
36	30	HDR UNBIAS	0.60011	0.60044	0.00033
37	30	HDR UNBIAS	0.59985	0.59982	-3e-05
38	30	HDR UNBIAS	0.60007	0.59969	-0.00038
39	30	HDR UNBIAS	0.59979	0.59988	9e-05
40	30	HDR UNBIAS	0.60028	0.60027	-1e-05
41	50	HDR BIAS	0.59987	0.59926	-0.00061
42	50	HDR BIAS	0.59989	0.60001	0.00012
43	50	HDR BIAS	0.59992	0.59989	-3e-05
44	50	HDR BIAS	0.59956	0.59916	-0.0004
45	50	HDR BIAS	0.60004	0.60001	-3e-05
46	50	HDR UNBIAS	0.59996	0.60099	0.00103
47	50	HDR UNBIAS	0.60007	0.60006	-1e-05
48	50	HDR UNBIAS	0.60015	0.59991	-0.00024
49	50	HDR UNBIAS	0.60022	0.60009	-0.00013
50	50	HDR UNBIAS	0.59976	0.60002	0.00026
51	100	HDR BIAS	0.60033	0.60011	-0.00022
52	100	HDR BIAS	0.59966	0.59908	-0.00058
53	100	HDR BIAS	0.60031	0.59939	-0.00092
54	100	HDR BIAS	0.59991	0.59965	-0.00026
55	100	HDR BIAS	0.59979	0.59933	-0.00046
56	100	HDR UNBIAS	0.60029	0.60071	0.00042
57	100	HDR UNBIAS	0.59984	0.59975	-9e-05
58	100	HDR UNBIAS	0.6	0.59947	-0.00053
59	100	HDR UNBIAS	0.60021	0.6003	9e-05
60	100	HDR UNBIAS	0.60035	0.60104	0.00069
71	0	CORRELATION	0.60042	0.60047	5e-05
72	0	CORRELATION	0.60023	0.60026	3e-05
73	0	CORRELATION	0.6001	0.60016	6e-05

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	0.6001	0.60025	0.60042	0.00016093	0.60016	0.6003	0.60047	0.00015822	3e-05	4.6667e-05	6e-05	1.5275e-05
3	0.59976	0.60007	0.60028	0.00017474	0.5998	0.60011	0.60041	0.00019015	-9e-05	4.6e-05	0.00013	7.1678e-05
10	0.59958	0.60001	0.60033	0.00025405	0.59954	0.60007	0.60051	0.0003403	-0.00012	5.1e-05	0.0002	0.00011657
30	0.59972	0.59998	0.60028	0.00019219	0.59967	0.59999	0.60044	0.00027638	-0.00038	1.4e-05	0.00048	0.00028332
50	0.59956	0.59994	0.60022	0.00019271	0.59916	0.59994	0.60099	0.00049775	-0.00061	-4e-06	0.00103	0.00044111
100	0.59966	0.60007	0.60035	0.00025852	0.59908	0.59988	0.60104	0.00063981	-0.00092	-0.000186	0.00069	0.00048466

Device Test: 19.7 CURRENT|EA_SINK//5/5/0/0/5/500kHz//@EA_I_SINK





Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

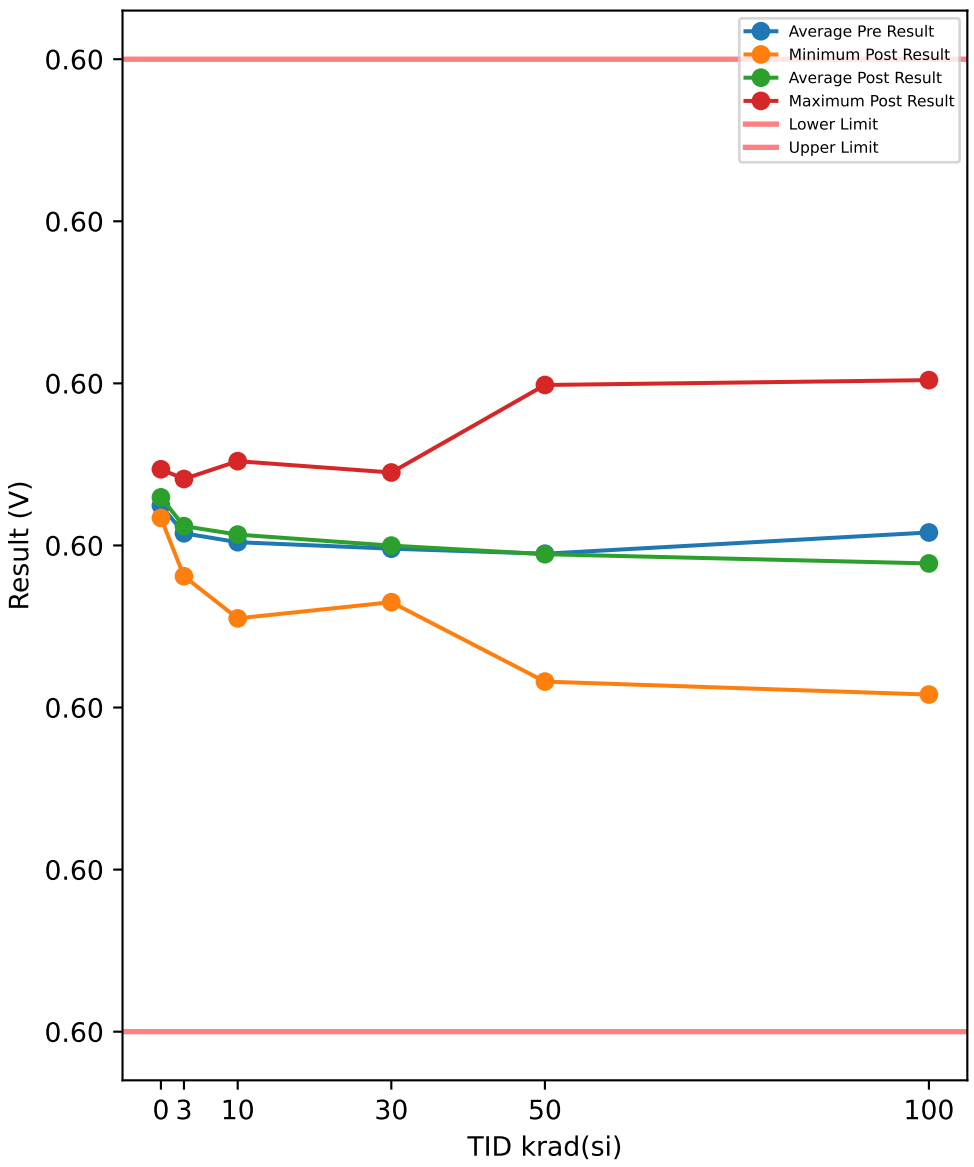
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	151.2	150.55	-0.6486
2	3	HDR BIAS	140.96	141.27	0.3176
3	3	HDR BIAS	146.95	147.03	0.0799
4	3	HDR BIAS	150.07	150.02	-0.0552
5	3	HDR BIAS	147.37	146.16	-1.21
6	3	HDR UNBIAS	157.28	157.08	-0.2003
7	3	HDR UNBIAS	150.26	150.05	-0.2116
8	3	HDR UNBIAS	150.6	150.44	-0.1626
9	3	HDR UNBIAS	145.1	146.34	1.242
10	3	HDR UNBIAS	153.99	153.32	-0.6709
11	10	HDR BIAS	147.33	148.27	0.9318
12	10	HDR BIAS	152.1	153.47	1.3694
13	10	HDR BIAS	148.04	148.38	0.3467
14	10	HDR BIAS	143.94	144.14	0.199
15	10	HDR BIAS	143.49	144.3	0.8017
16	10	HDR UNBIAS	139.58	139.99	0.4134
17	10	HDR UNBIAS	150.51	149.56	-0.9502
18	10	HDR UNBIAS	148.93	148.03	-0.8937
19	10	HDR UNBIAS	157.66	157.78	0.1267
20	10	HDR UNBIAS	144.26	142.82	-1.4382
31	30	HDR BIAS	150.01	149.55	-0.4639
32	30	HDR BIAS	152.96	153.21	0.2527
33	30	HDR BIAS	147.73	150.58	2.8451
34	30	HDR BIAS	148.35	150.27	1.9192
35	30	HDR BIAS	154.18	153.53	-0.6577
36	30	HDR UNBIAS	146.89	148.51	1.6194
37	30	HDR UNBIAS	143.43	144.39	0.9603
38	30	HDR UNBIAS	146.05	146.57	0.5192
39	30	HDR UNBIAS	154.77	149.92	-4.8512
40	30	HDR UNBIAS	141.4	139.9	-1.4977
41	50	HDR BIAS	141.33	143.98	2.6494
42	50	HDR BIAS	152.82	153.88	1.0553
43	50	HDR BIAS	145.44	145.31	-0.1331
44	50	HDR BIAS	150.92	152.9	1.9802
45	50	HDR BIAS	146.23	146.62	0.3939
46	50	HDR UNBIAS	147.6	150.49	2.8909
47	50	HDR UNBIAS	146.86	147.54	0.6787
48	50	HDR UNBIAS	138.97	141.53	2.5602
49	50	HDR UNBIAS	160.88	163.06	2.18
50	50	HDR UNBIAS	150.98	153.72	2.7362
51	100	HDR BIAS	152.38	153.78	1.4009
52	100	HDR BIAS	150.61	159.35	8.7462
53	100	HDR BIAS	141.27	144.99	3.7203
54	100	HDR BIAS	152.38	158.37	5.9883
55	100	HDR BIAS	151.14	152.66	1.5197
56	100	HDR UNBIAS	138.57	143.42	4.8475
57	100	HDR UNBIAS	153.58	155.32	1.7468
58	100	HDR UNBIAS	140.65	142.7	2.0512
59	100	HDR UNBIAS	150.26	149.53	-0.7304
60	100	HDR UNBIAS	150.31	153.47	3.16
71	0	CORRELATION	147.84	147.88	0.045
72	0	CORRELATION	140.04	140.01	-0.025
73	0	CORRELATION	148.16	148.79	0.6253

Test Statistics (µA)

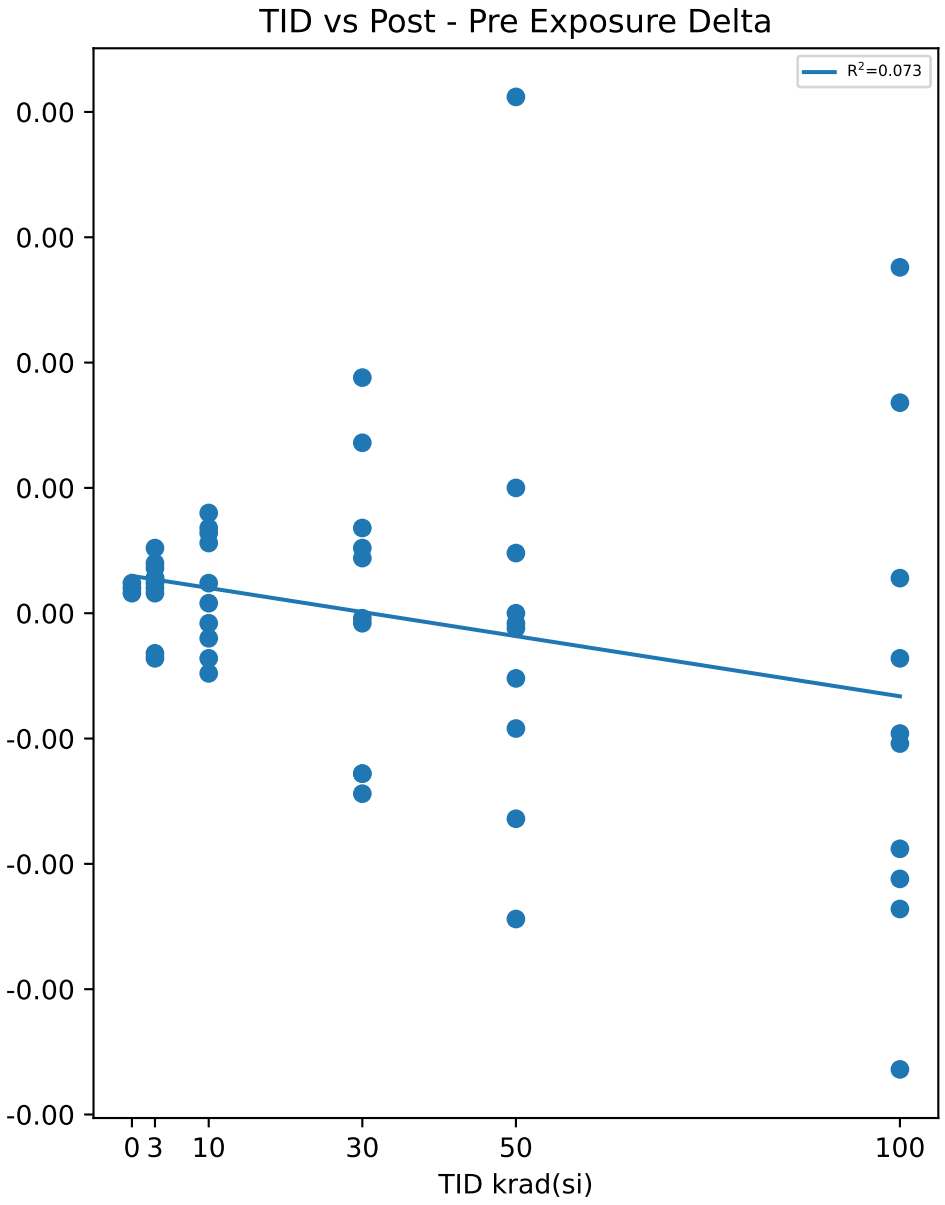
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	140.04	145.35	148.16	4.5996	140.01	145.56	148.79	4.826	-0.025	0.2151	0.6253	0.35696
3	140.96	149.38	157.28	4.5836	141.27	149.23	157.08	4.3318	-1.21	-0.15197	1.242	0.65559
10	139.58	147.58	157.66	5.138	139.99	147.67	157.78	5.2364	-1.4382	0.09066	1.3694	0.90804
30	141.4	148.58	154.77	4.4609	139.9	148.64	153.53	4.1151	-4.8512	0.06454	2.8451	2.1613
50	138.97	148.2	160.88	6.1762	141.53	149.9	163.06	6.2843	-0.1331	1.6992	2.8909	1.1039
100	138.57	148.11	153.58	5.6257	142.7	151.36	159.35	5.9898	-0.7304	3.245	8.7462	2.717

Device Test: 19.71 VOLTAGE|VREF//5/5/0/1000/5/500kHz//@VREF_25C

TID vs Result Stats



TID vs Post - Pre Exposure Delta



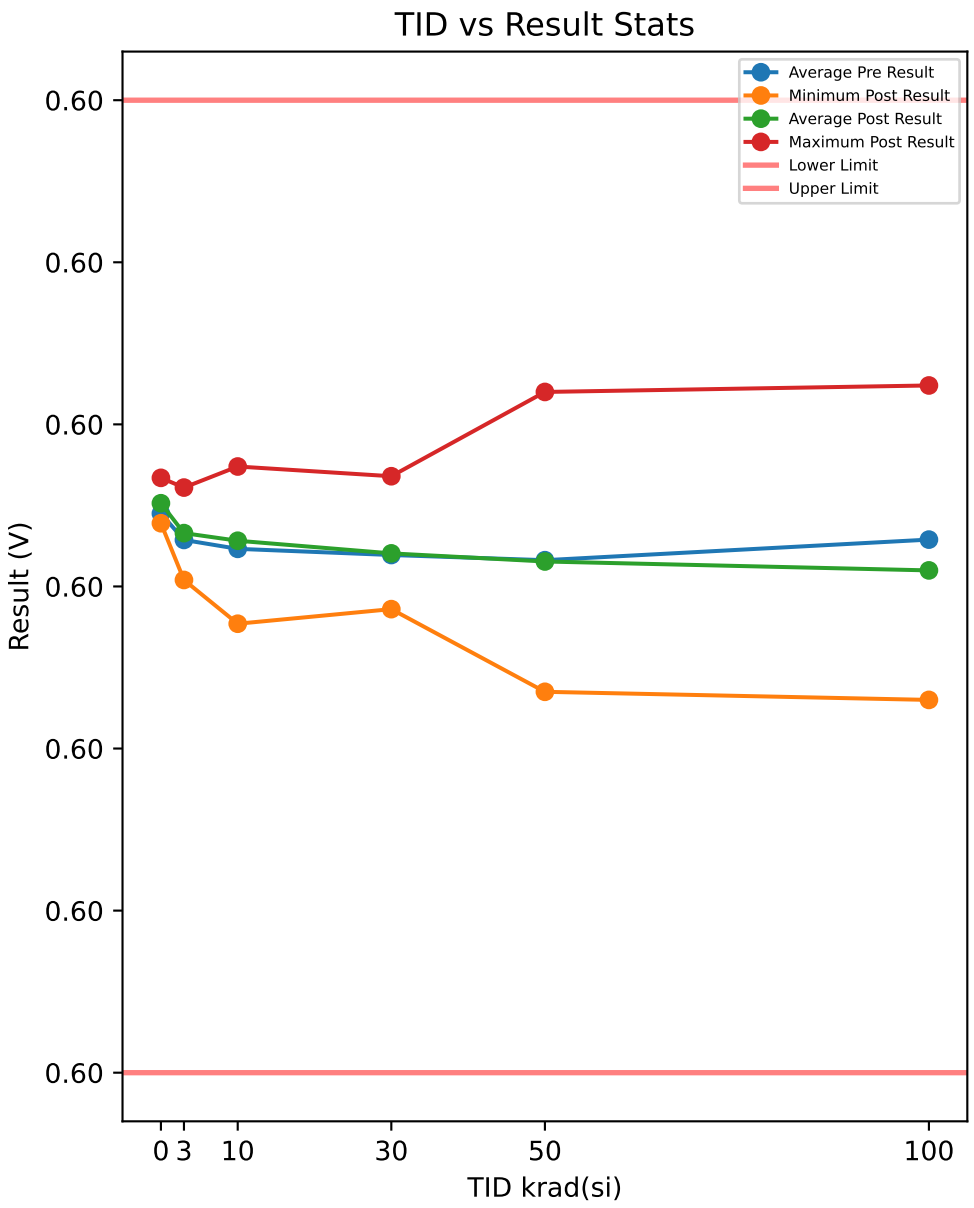
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

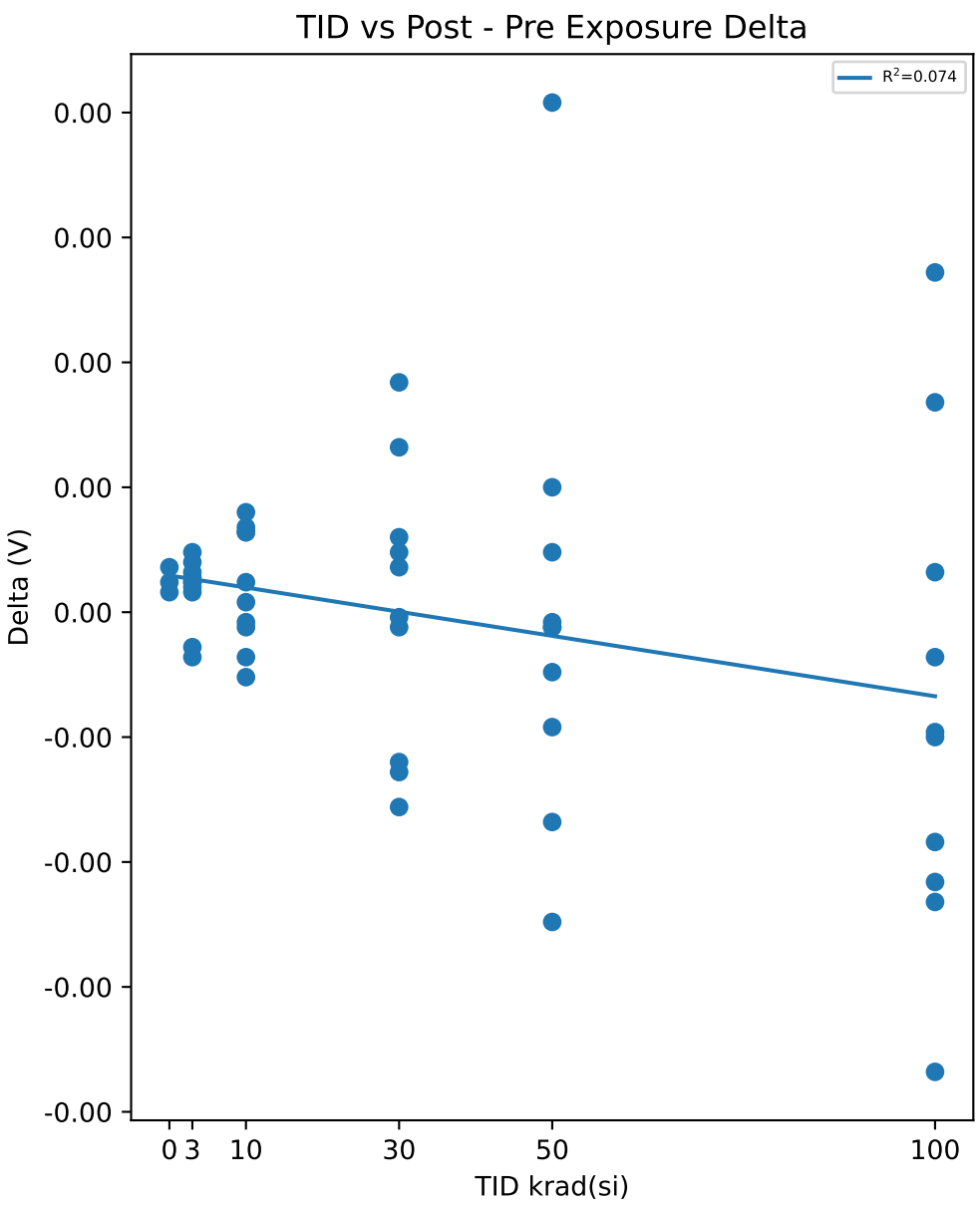
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5999	0.59995	5e-05
2	3	HDR BIAS	0.6002	0.60011	-9e-05
3	3	HDR BIAS	0.60025	0.60032	7e-05
4	3	HDR BIAS	0.60003	0.60012	9e-05
5	3	HDR BIAS	0.60018	0.60025	7e-05
6	3	HDR UNBIAS	0.60006	0.59998	-8e-05
7	3	HDR UNBIAS	0.60018	0.60024	6e-05
8	3	HDR UNBIAS	0.60028	0.60041	0.00013
9	3	HDR UNBIAS	0.5999	0.6	0.0001
10	3	HDR UNBIAS	0.59977	0.59981	4e-05
11	10	HDR BIAS	0.60035	0.60052	0.00017
12	10	HDR BIAS	0.5999	0.59996	6e-05
13	10	HDR BIAS	0.60024	0.6004	0.00016
14	10	HDR BIAS	0.5996	0.59955	-5e-05
15	10	HDR BIAS	0.60014	0.60002	-0.00012
16	10	HDR UNBIAS	0.60001	0.60015	0.00014
17	10	HDR UNBIAS	0.59972	0.59963	-9e-05
18	10	HDR UNBIAS	0.60027	0.60047	0.0002
19	10	HDR UNBIAS	0.59983	0.59981	-2e-05
20	10	HDR UNBIAS	0.60014	0.60016	2e-05
31	30	HDR BIAS	0.59997	0.59965	-0.00032
32	30	HDR BIAS	0.60015	0.60028	0.00013
33	30	HDR BIAS	0.60011	0.59979	-0.00032
34	30	HDR BIAS	0.59973	0.5999	0.00017
35	30	HDR BIAS	0.59974	0.60021	0.00047
36	30	HDR UNBIAS	0.60011	0.60045	0.00034
37	30	HDR UNBIAS	0.59987	0.59985	-2e-05
38	30	HDR UNBIAS	0.60007	0.59971	-0.00036
39	30	HDR UNBIAS	0.59978	0.59989	0.00011
40	30	HDR UNBIAS	0.60027	0.60026	-1e-05
41	50	HDR BIAS	0.59989	0.59928	-0.00061
42	50	HDR BIAS	0.5999	0.60002	0.00012
43	50	HDR BIAS	0.59991	0.59989	-2e-05
44	50	HDR BIAS	0.59957	0.59916	-0.00041
45	50	HDR BIAS	0.60005	0.60002	-3e-05
46	50	HDR UNBIAS	0.59996	0.60099	0.00103
47	50	HDR UNBIAS	0.60007	0.60007	0
48	50	HDR UNBIAS	0.60014	0.59991	-0.00023
49	50	HDR UNBIAS	0.60024	0.60011	-0.00013
50	50	HDR UNBIAS	0.59976	0.60001	0.00025
51	100	HDR BIAS	0.60035	0.60011	-0.00024
52	100	HDR BIAS	0.59967	0.59908	-0.00059
53	100	HDR BIAS	0.6003	0.59939	-0.00091
54	100	HDR BIAS	0.59994	0.59968	-0.00026
55	100	HDR BIAS	0.5998	0.59933	-0.00047
56	100	HDR UNBIAS	0.6003	0.60072	0.00042
57	100	HDR UNBIAS	0.59985	0.59976	-9e-05
58	100	HDR UNBIAS	0.60004	0.59951	-0.00053
59	100	HDR UNBIAS	0.60022	0.60029	7e-05
60	100	HDR UNBIAS	0.60033	0.60102	0.00069
71	0	CORRELATION	0.60042	0.60047	5e-05
72	0	CORRELATION	0.60021	0.60025	4e-05
73	0	CORRELATION	0.60011	0.60017	6e-05

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	0.60011	0.60025	0.60042	0.00015822	0.60017	0.6003	0.60047	0.00015535	4e-05	5e-05	6e-05	1e-05
3	0.59977	0.60008	0.60028	0.00017219	0.59981	0.60012	0.60041	0.00018693	-9e-05	4.4e-05	0.00013	7.2755e-05
10	0.5996	0.60002	0.60035	0.00025069	0.59955	0.60007	0.60052	0.00033863	-0.00012	4.7e-05	0.0002	0.00011615
30	0.59973	0.59998	0.60027	0.00019067	0.59965	0.6	0.60045	0.00027646	-0.00036	1.9e-05	0.00047	0.00028396
50	0.59957	0.59995	0.60024	0.00019232	0.59916	0.59995	0.60099	0.00049588	-0.00061	-3e-06	0.00103	0.00044083
100	0.59967	0.60008	0.60035	0.00025219	0.59908	0.59989	0.60102	0.00063239	-0.00091	-0.000191	0.00069	0.00048349

Device Test: 19.73 VOLTAGE|VREF//12/12/0/1000/5/500kHz//@VREF_25C





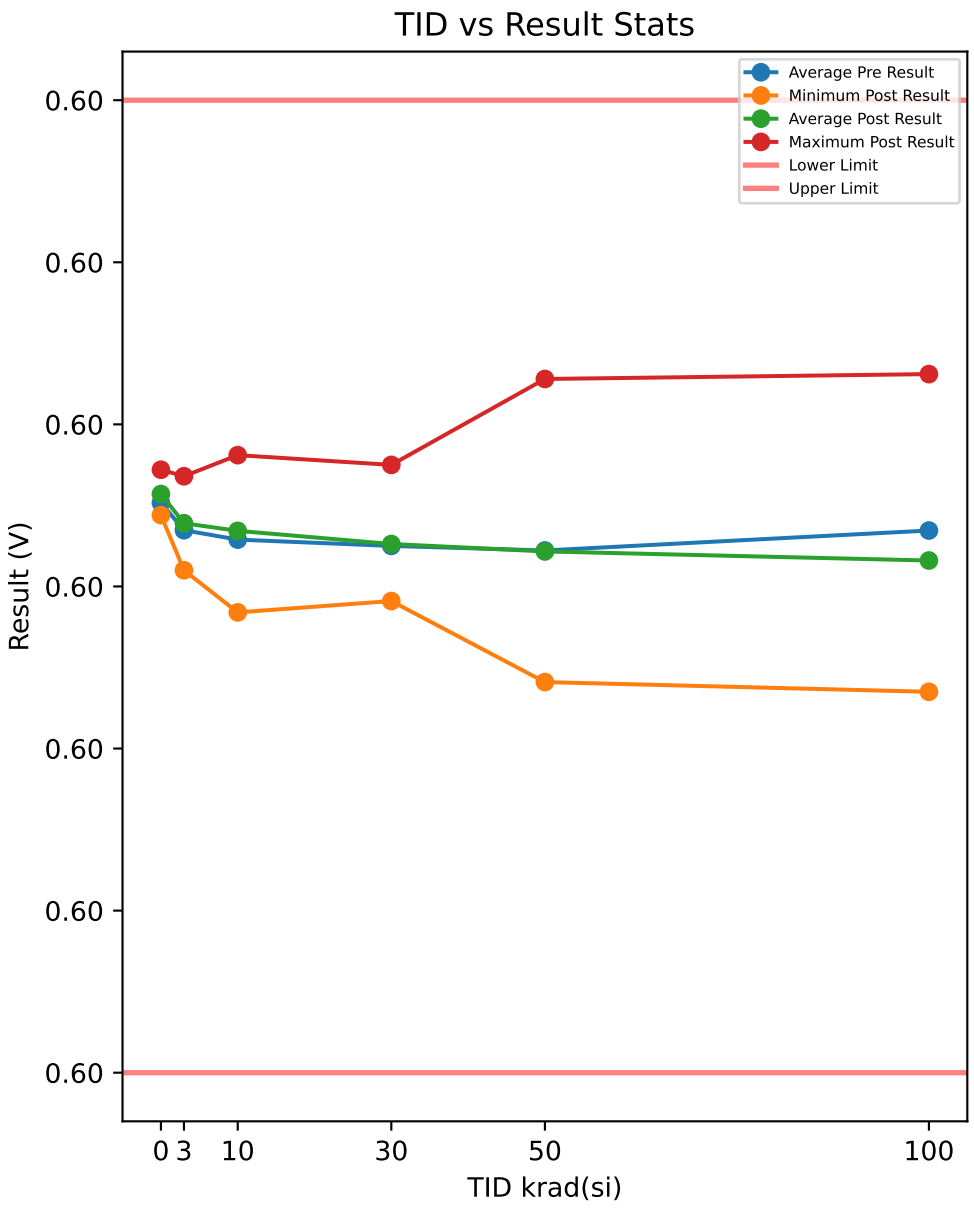
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

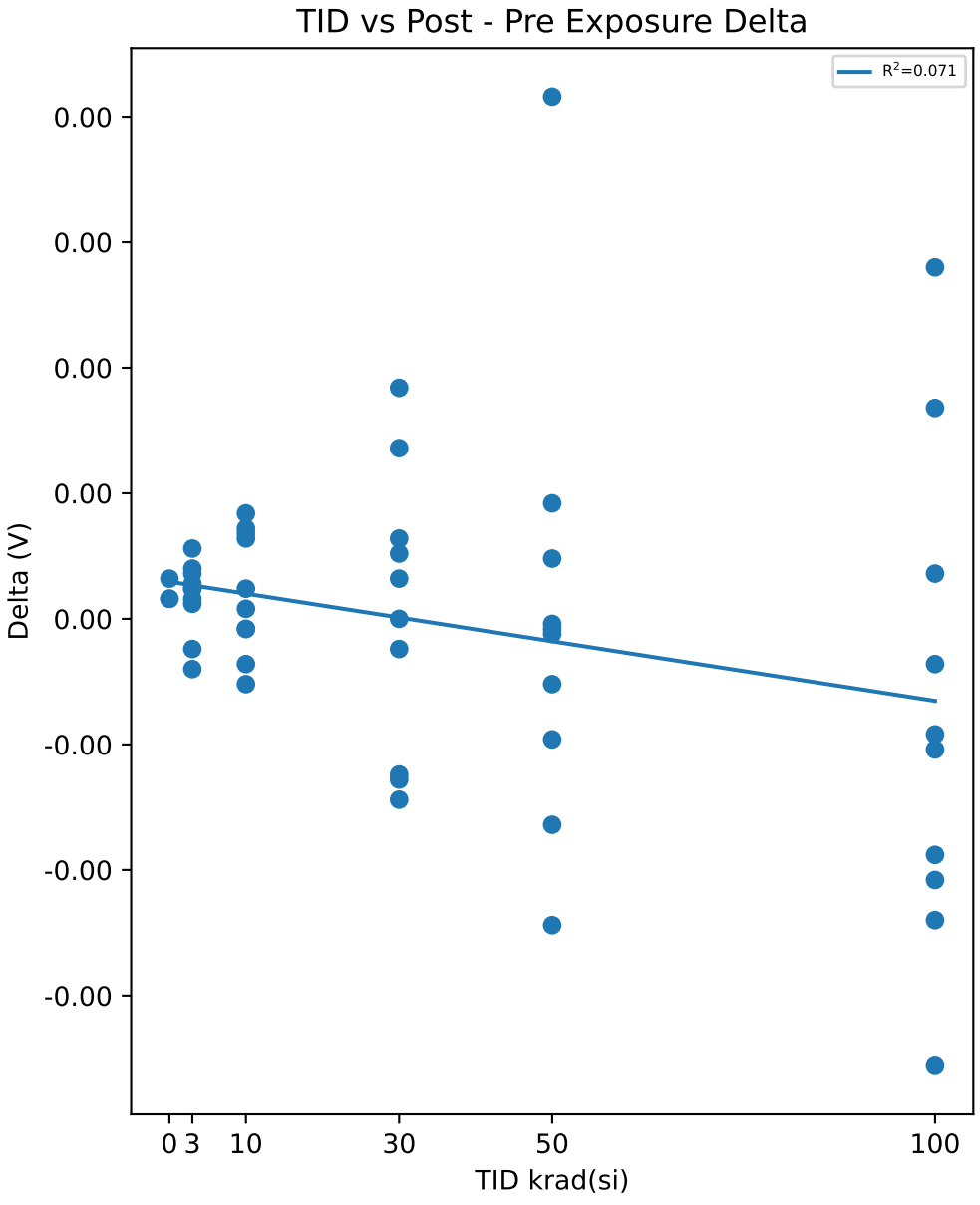
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6001	0.60016	6e-05
2	3	HDR BIAS	0.6004	0.60031	-9e-05
3	3	HDR BIAS	0.60047	0.60054	7e-05
4	3	HDR BIAS	0.60022	0.60032	0.0001
5	3	HDR BIAS	0.6004	0.60045	5e-05
6	3	HDR UNBIAS	0.60027	0.6002	-7e-05
7	3	HDR UNBIAS	0.6004	0.60046	6e-05
8	3	HDR UNBIAS	0.60049	0.60061	0.00012
9	3	HDR UNBIAS	0.60012	0.6002	8e-05
10	3	HDR UNBIAS	0.6	0.60004	4e-05
11	10	HDR BIAS	0.60057	0.60074	0.00017
12	10	HDR BIAS	0.60011	0.60017	6e-05
13	10	HDR BIAS	0.60045	0.60061	0.00016
14	10	HDR BIAS	0.5998	0.59977	-3e-05
15	10	HDR BIAS	0.60037	0.60024	-0.00013
16	10	HDR UNBIAS	0.60022	0.60038	0.00016
17	10	HDR UNBIAS	0.59991	0.59982	-9e-05
18	10	HDR UNBIAS	0.6005	0.6007	0.0002
19	10	HDR UNBIAS	0.60004	0.60002	-2e-05
20	10	HDR UNBIAS	0.60035	0.60037	2e-05
31	30	HDR BIAS	0.60018	0.59986	-0.00032
32	30	HDR BIAS	0.60035	0.60047	0.00012
33	30	HDR BIAS	0.60031	0.60001	-0.0003
34	30	HDR BIAS	0.59994	0.60009	0.00015
35	30	HDR BIAS	0.59993	0.60039	0.00046
36	30	HDR UNBIAS	0.60035	0.60068	0.00033
37	30	HDR UNBIAS	0.60008	0.60005	-3e-05
38	30	HDR UNBIAS	0.60032	0.59993	-0.00039
39	30	HDR UNBIAS	0.6	0.60009	9e-05
40	30	HDR UNBIAS	0.60048	0.60047	-1e-05
41	50	HDR BIAS	0.6001	0.59948	-0.00062
42	50	HDR BIAS	0.60011	0.60023	0.00012
43	50	HDR BIAS	0.60014	0.60011	-3e-05
44	50	HDR BIAS	0.59977	0.59935	-0.00042
45	50	HDR BIAS	0.60026	0.60023	-3e-05
46	50	HDR UNBIAS	0.60018	0.6012	0.00102
47	50	HDR UNBIAS	0.60031	0.60029	-2e-05
48	50	HDR UNBIAS	0.60035	0.60012	-0.00023
49	50	HDR UNBIAS	0.60043	0.60031	-0.00012
50	50	HDR UNBIAS	0.59997	0.60022	0.00025
51	100	HDR BIAS	0.60056	0.60032	-0.00024
52	100	HDR BIAS	0.59988	0.5993	-0.00058
53	100	HDR BIAS	0.60051	0.59959	-0.00092
54	100	HDR BIAS	0.60014	0.59989	-0.00025
55	100	HDR BIAS	0.60001	0.59955	-0.00046
56	100	HDR UNBIAS	0.6005	0.60092	0.00042
57	100	HDR UNBIAS	0.60007	0.59998	-9e-05
58	100	HDR UNBIAS	0.60025	0.59971	-0.00054
59	100	HDR UNBIAS	0.60041	0.60049	8e-05
60	100	HDR UNBIAS	0.60056	0.60124	0.00068
71	0	CORRELATION	0.60061	0.60067	6e-05
72	0	CORRELATION	0.60044	0.60048	4e-05
73	0	CORRELATION	0.6003	0.60039	9e-05

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	0.6003	0.60045	0.60061	0.00015524	0.60039	0.60051	0.60067	0.00014295	4e-05	6.3333e-05	9e-05	2.5166e-05
3	0.6	0.60029	0.60049	0.00017095	0.60004	0.60033	0.60061	0.00018291	-9e-05	4.2e-05	0.00012	6.8605e-05
10	0.5998	0.60023	0.60057	0.00026008	0.59977	0.60028	0.60074	0.00034447	-0.00013	5e-05	0.0002	0.00011804
30	0.59993	0.60019	0.60048	0.00019574	0.59986	0.6002	0.60068	0.00027557	-0.00039	1e-05	0.00046	0.00028087
50	0.59977	0.60016	0.60043	0.00019338	0.59935	0.60015	0.6012	0.00050074	-0.00062	-8e-06	0.00102	0.00044058
100	0.59988	0.60029	0.60056	0.00025203	0.5993	0.6001	0.60124	0.0006312	-0.00092	-0.00019	0.00068	0.00048286

Device Test: 19.75 VOLTAGE|VREF//14/14/0/1000/5/500kHz//@VREF_25C





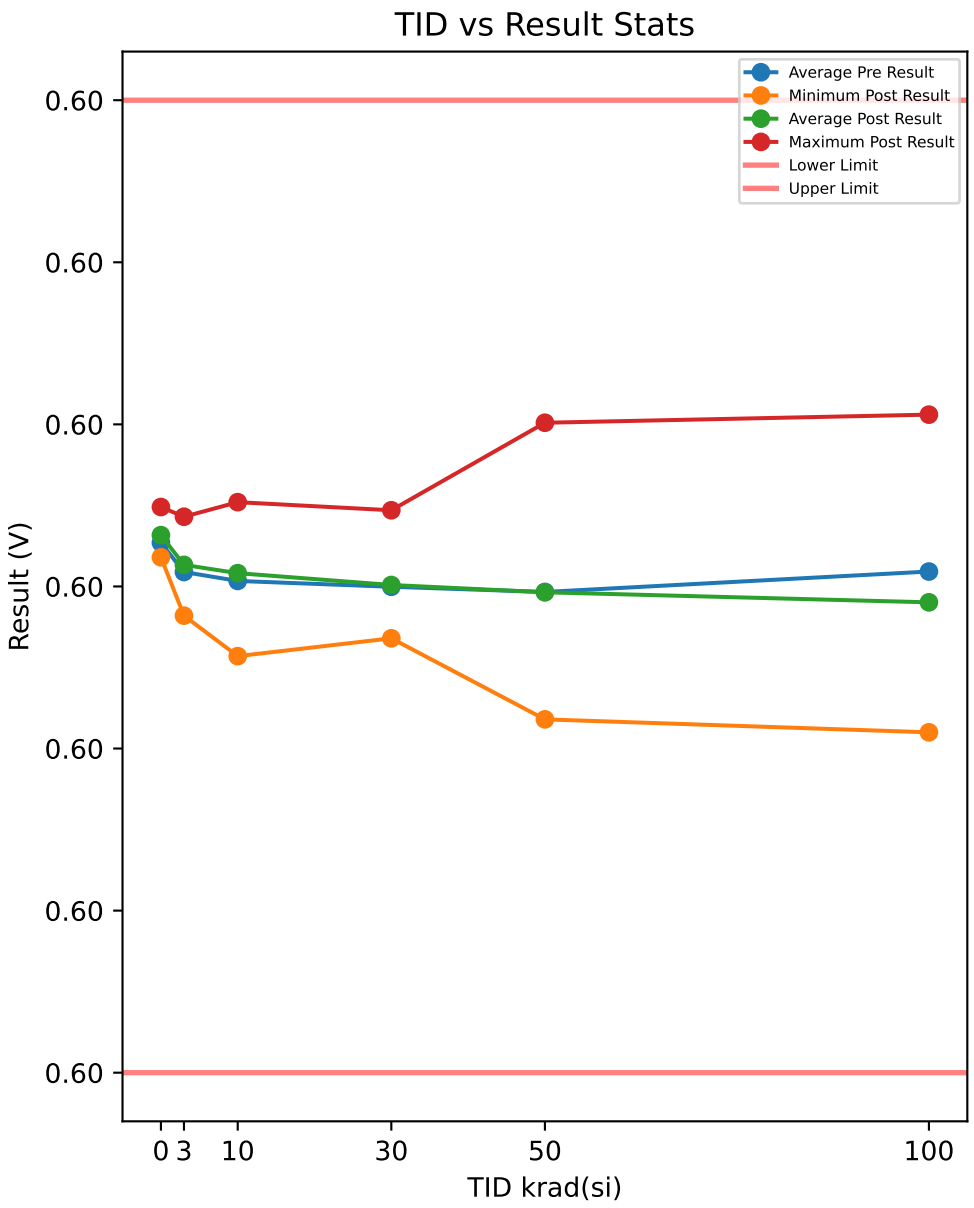
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

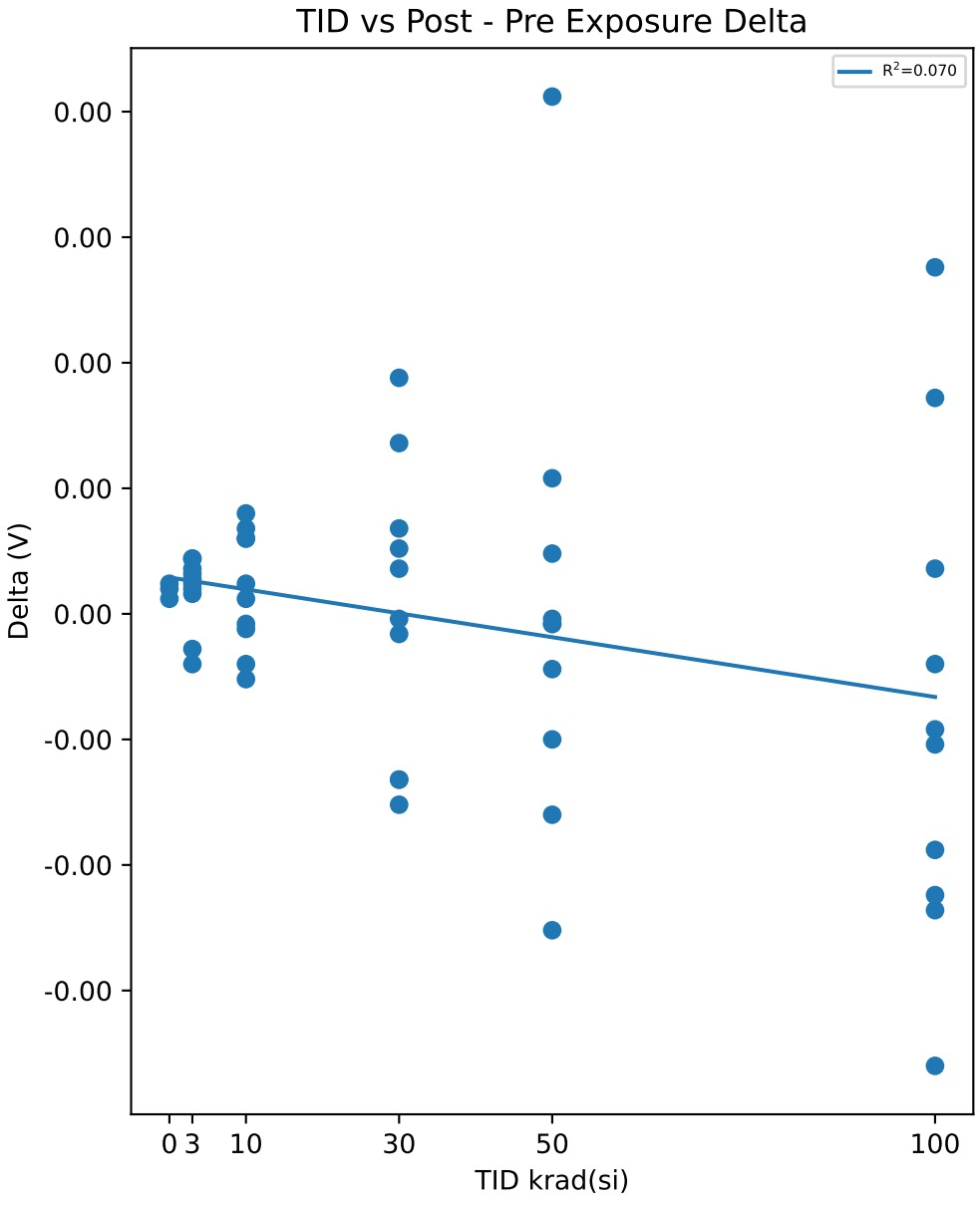
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.60017	0.60021	4e-05
2	3	HDR BIAS	0.60047	0.60037	-0.0001
3	3	HDR BIAS	0.60053	0.6006	7e-05
4	3	HDR BIAS	0.60028	0.60038	0.0001
5	3	HDR BIAS	0.60045	0.60051	6e-05
6	3	HDR UNBIAS	0.60033	0.60027	-6e-05
7	3	HDR UNBIAS	0.60046	0.60052	6e-05
8	3	HDR UNBIAS	0.60054	0.60068	0.00014
9	3	HDR UNBIAS	0.60017	0.60026	9e-05
10	3	HDR UNBIAS	0.60007	0.6001	3e-05
11	10	HDR BIAS	0.60063	0.60081	0.00018
12	10	HDR BIAS	0.60017	0.60023	6e-05
13	10	HDR BIAS	0.6005	0.60067	0.00017
14	10	HDR BIAS	0.59986	0.59984	-2e-05
15	10	HDR BIAS	0.60044	0.60031	-0.00013
16	10	HDR UNBIAS	0.60028	0.60044	0.00016
17	10	HDR UNBIAS	0.59996	0.59987	-9e-05
18	10	HDR UNBIAS	0.60056	0.60077	0.00021
19	10	HDR UNBIAS	0.60009	0.60007	-2e-05
20	10	HDR UNBIAS	0.6004	0.60042	2e-05
31	30	HDR BIAS	0.60023	0.59991	-0.00032
32	30	HDR BIAS	0.60041	0.60054	0.00013
33	30	HDR BIAS	0.60037	0.60006	-0.00031
34	30	HDR BIAS	0.59999	0.60015	0.00016
35	30	HDR BIAS	0.59998	0.60044	0.00046
36	30	HDR UNBIAS	0.60041	0.60075	0.00034
37	30	HDR UNBIAS	0.60016	0.6001	-6e-05
38	30	HDR UNBIAS	0.60036	0.6	-0.00036
39	30	HDR UNBIAS	0.60006	0.60014	8e-05
40	30	HDR UNBIAS	0.60053	0.60053	0
41	50	HDR BIAS	0.60015	0.59954	-0.00061
42	50	HDR BIAS	0.60017	0.60029	0.00012
43	50	HDR BIAS	0.60022	0.60019	-3e-05
44	50	HDR BIAS	0.59982	0.59941	-0.00041
45	50	HDR BIAS	0.60032	0.6003	-2e-05
46	50	HDR UNBIAS	0.60024	0.60128	0.00104
47	50	HDR UNBIAS	0.60036	0.60035	-1e-05
48	50	HDR UNBIAS	0.60042	0.60018	-0.00024
49	50	HDR UNBIAS	0.60049	0.60036	-0.00013
50	50	HDR UNBIAS	0.60003	0.60026	0.00023
51	100	HDR BIAS	0.6006	0.60037	-0.00023
52	100	HDR BIAS	0.59995	0.59935	-0.0006
53	100	HDR BIAS	0.60056	0.59967	-0.00089
54	100	HDR BIAS	0.60019	0.59993	-0.00026
55	100	HDR BIAS	0.60007	0.5996	-0.00047
56	100	HDR UNBIAS	0.60057	0.60099	0.00042
57	100	HDR UNBIAS	0.60013	0.60004	-9e-05
58	100	HDR UNBIAS	0.6003	0.59978	-0.00052
59	100	HDR UNBIAS	0.60047	0.60056	9e-05
60	100	HDR UNBIAS	0.60061	0.60131	0.0007
71	0	CORRELATION	0.60068	0.60072	4e-05
72	0	CORRELATION	0.60051	0.60055	4e-05
73	0	CORRELATION	0.60036	0.60044	8e-05

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	0.60036	0.60052	0.60068	0.0001601	0.60044	0.60057	0.60072	0.00014107	4e-05	5.3333e-05	8e-05	2.3094e-05
3	0.60007	0.60035	0.60054	0.0001678	0.6001	0.60039	0.60068	0.00018493	-0.0001	4.3e-05	0.00014	7.2579e-05
10	0.59986	0.60029	0.60063	0.00026151	0.59984	0.60034	0.60081	0.00034766	-0.00013	5.4e-05	0.00021	0.00012094
30	0.59998	0.60025	0.60053	0.00019471	0.59991	0.60026	0.60075	0.00028007	-0.00036	1.2e-05	0.00046	0.00028015
50	0.59982	0.60022	0.60049	0.00019617	0.59941	0.60022	0.60128	0.00050485	-0.00061	-6e-06	0.00104	0.0004428
100	0.59995	0.60035	0.60061	0.00024758	0.59935	0.60016	0.60131	0.0006357	-0.00089	-0.000185	0.0007	0.00048353

Device Test: 19.77 VOLTAGE|VREF//4.5/4.5/0/1000/4.5/1MHz//@VREF_25C





Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

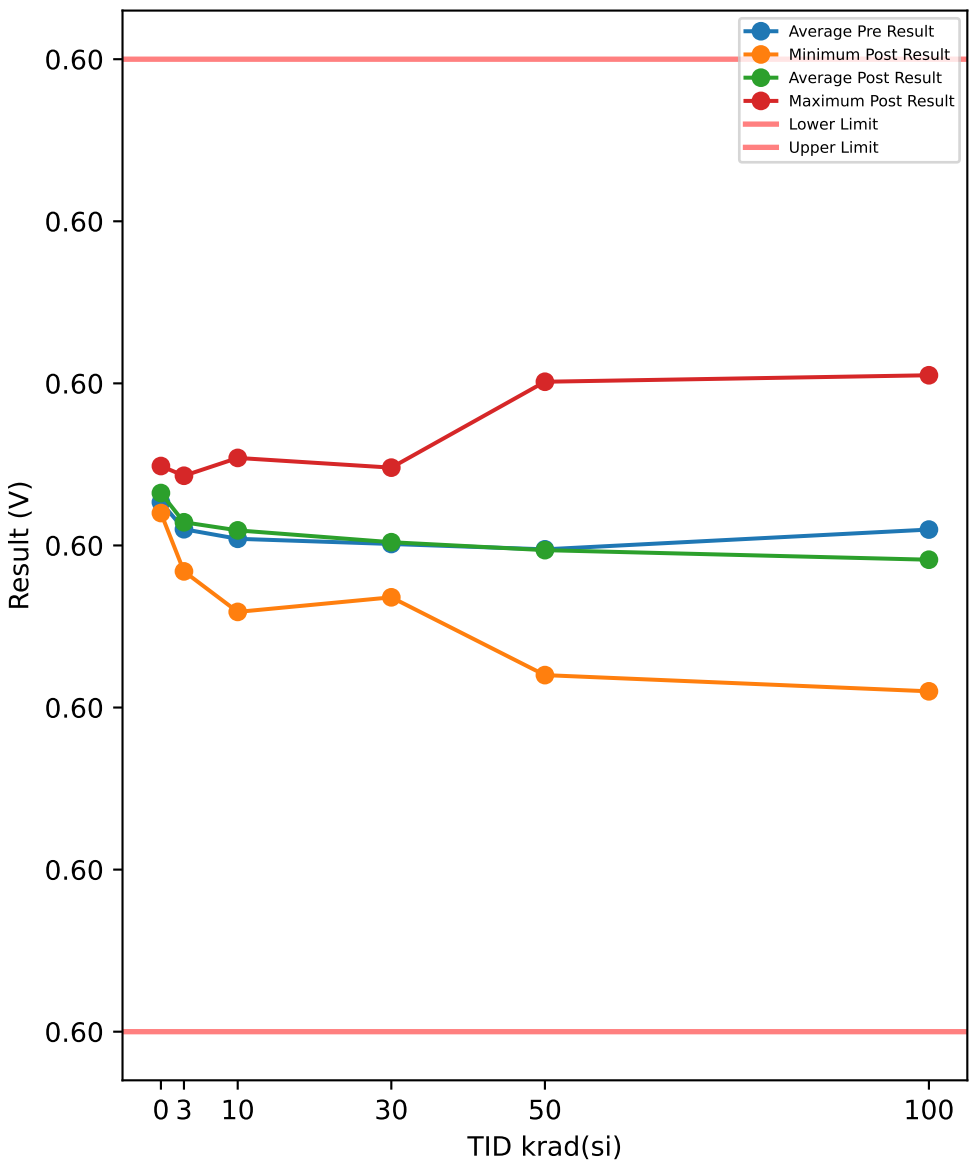
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59991	0.59996	5e-05
2	3	HDR BIAS	0.60021	0.60011	-0.0001
3	3	HDR BIAS	0.60028	0.60034	6e-05
4	3	HDR BIAS	0.60004	0.60015	0.00011
5	3	HDR BIAS	0.60016	0.60024	8e-05
6	3	HDR UNBIAS	0.60007	0.6	-7e-05
7	3	HDR UNBIAS	0.6002	0.60027	7e-05
8	3	HDR UNBIAS	0.60032	0.60043	0.00011
9	3	HDR UNBIAS	0.59992	0.60001	9e-05
10	3	HDR UNBIAS	0.59978	0.59982	4e-05
11	10	HDR BIAS	0.60035	0.60052	0.00017
12	10	HDR BIAS	0.59992	0.59998	6e-05
13	10	HDR BIAS	0.60027	0.60042	0.00015
14	10	HDR BIAS	0.5996	0.59957	-3e-05
15	10	HDR BIAS	0.60017	0.60004	-0.00013
16	10	HDR UNBIAS	0.60002	0.60017	0.00015
17	10	HDR UNBIAS	0.59973	0.59963	-0.0001
18	10	HDR UNBIAS	0.60028	0.60048	0.0002
19	10	HDR UNBIAS	0.59985	0.59983	-2e-05
20	10	HDR UNBIAS	0.60015	0.60018	3e-05
31	30	HDR BIAS	0.60001	0.59968	-0.00033
32	30	HDR BIAS	0.60015	0.60028	0.00013
33	30	HDR BIAS	0.60012	0.59979	-0.00033
34	30	HDR BIAS	0.59975	0.59992	0.00017
35	30	HDR BIAS	0.59974	0.60021	0.00047
36	30	HDR UNBIAS	0.60013	0.60047	0.00034
37	30	HDR UNBIAS	0.59989	0.59985	-4e-05
38	30	HDR UNBIAS	0.60009	0.59971	-0.00038
39	30	HDR UNBIAS	0.59981	0.5999	9e-05
40	30	HDR UNBIAS	0.60029	0.60028	-1e-05
41	50	HDR BIAS	0.5999	0.59927	-0.00063
42	50	HDR BIAS	0.59991	0.60003	0.00012
43	50	HDR BIAS	0.59994	0.59992	-2e-05
44	50	HDR BIAS	0.59958	0.59918	-0.0004
45	50	HDR BIAS	0.60006	0.60004	-2e-05
46	50	HDR UNBIAS	0.59998	0.60101	0.00103
47	50	HDR UNBIAS	0.6001	0.60009	-1e-05
48	50	HDR UNBIAS	0.60017	0.59992	-0.00025
49	50	HDR UNBIAS	0.60023	0.60012	-0.00011
50	50	HDR UNBIAS	0.59979	0.60006	0.00027
51	100	HDR BIAS	0.60035	0.60012	-0.00023
52	100	HDR BIAS	0.59969	0.5991	-0.00059
53	100	HDR BIAS	0.60032	0.59942	-0.0009
54	100	HDR BIAS	0.59994	0.59968	-0.00026
55	100	HDR BIAS	0.59981	0.59934	-0.00047
56	100	HDR UNBIAS	0.60031	0.60074	0.00043
57	100	HDR UNBIAS	0.59986	0.59976	-0.0001
58	100	HDR UNBIAS	0.60004	0.59948	-0.00056
59	100	HDR UNBIAS	0.60023	0.60032	9e-05
60	100	HDR UNBIAS	0.60037	0.60106	0.00069
71	0	CORRELATION	0.60044	0.60049	5e-05
72	0	CORRELATION	0.60025	0.60028	3e-05
73	0	CORRELATION	0.60012	0.60018	6e-05

Test Statistics (V)

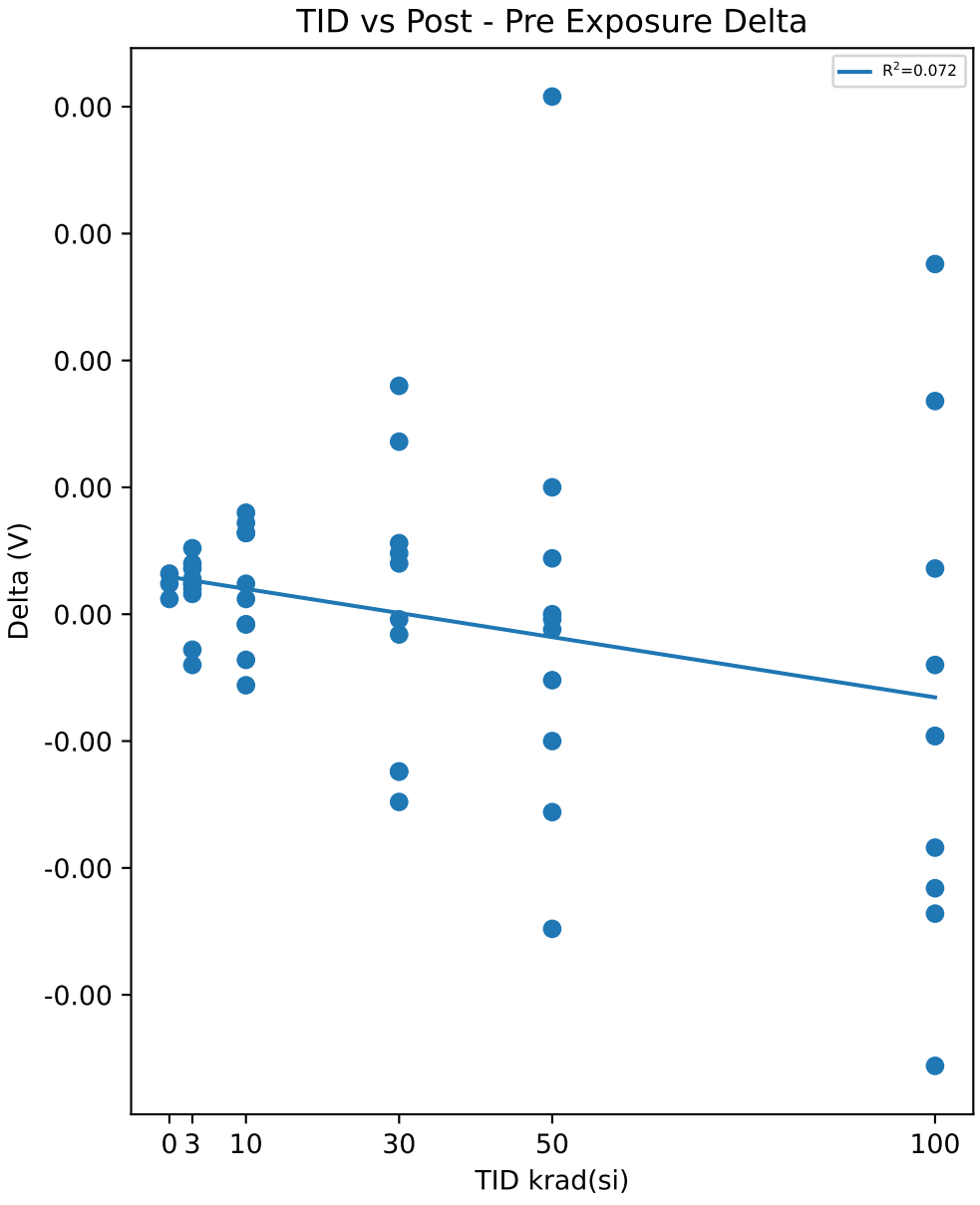
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.60012	0.60027	0.60044	0.00016093	0.60018	0.60032	0.60049	0.00015822	3e-05	4.6667e-05	6e-05	1.5275e-05
3	0.59978	0.60009	0.60032	0.0001766	0.59982	0.60013	0.60043	0.00018939	-0.0001	4.4e-05	0.00011	7.2142e-05
10	0.5996	0.60003	0.60035	0.00025295	0.59957	0.60008	0.60052	0.0003373	-0.00013	4.8e-05	0.0002	0.00011717
30	0.59974	0.6	0.60029	0.00018984	0.59968	0.60001	0.60047	0.00027699	-0.00038	1.1e-05	0.00047	0.00028927
50	0.59958	0.59997	0.60023	0.00019045	0.59918	0.59996	0.60101	0.00050043	-0.00063	-2e-06	0.00103	0.00044479
100	0.59969	0.60009	0.60037	0.00025455	0.5991	0.5999	0.60106	0.00064156	-0.0009	-0.00019	0.00069	0.00048662

Device Test: 19.79 VOLTAGE|VREF//5/5/0/1000/5/1MHz//@VREF_25C

TID vs Result Stats



TID vs Post - Pre Exposure Delta



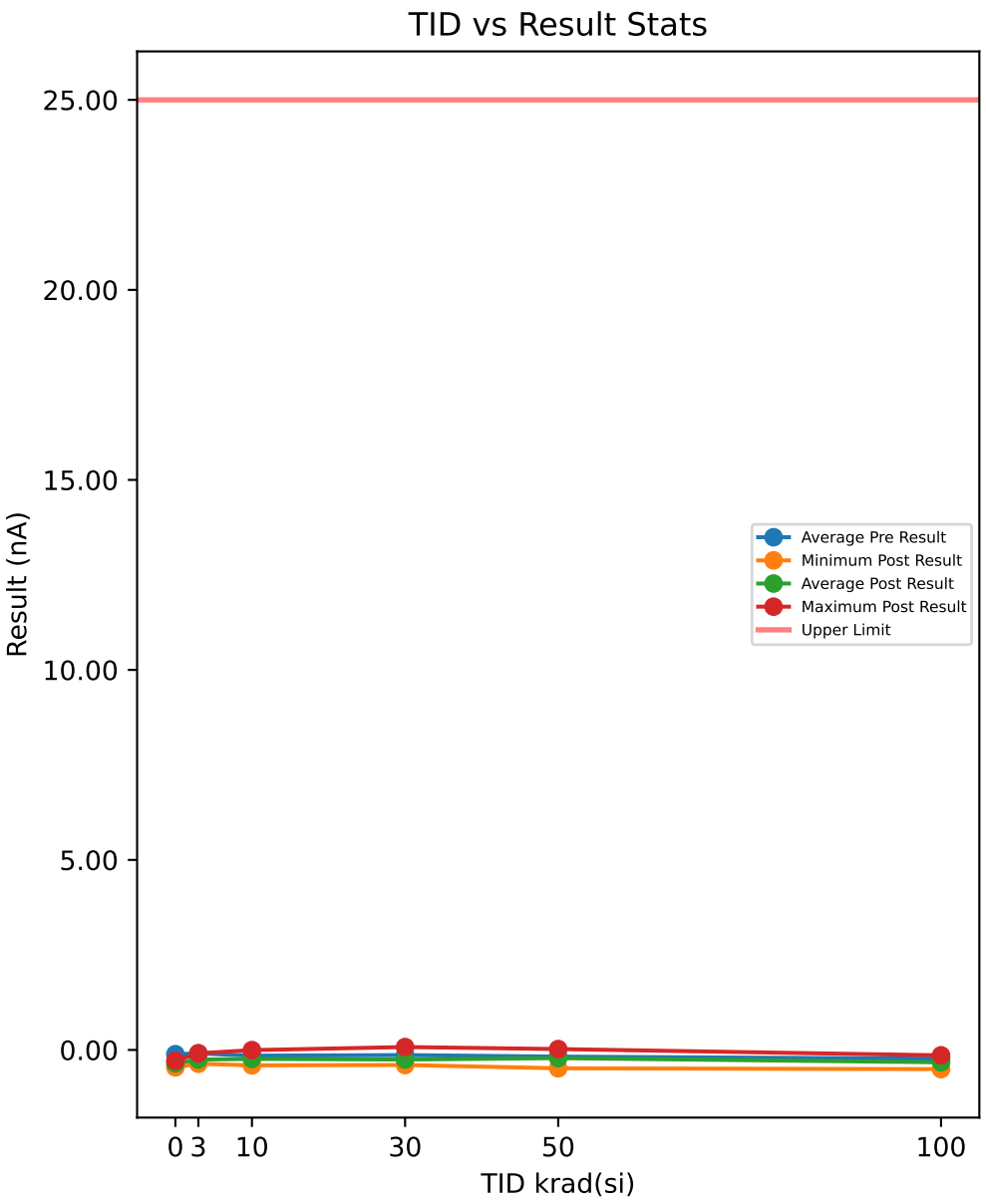
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

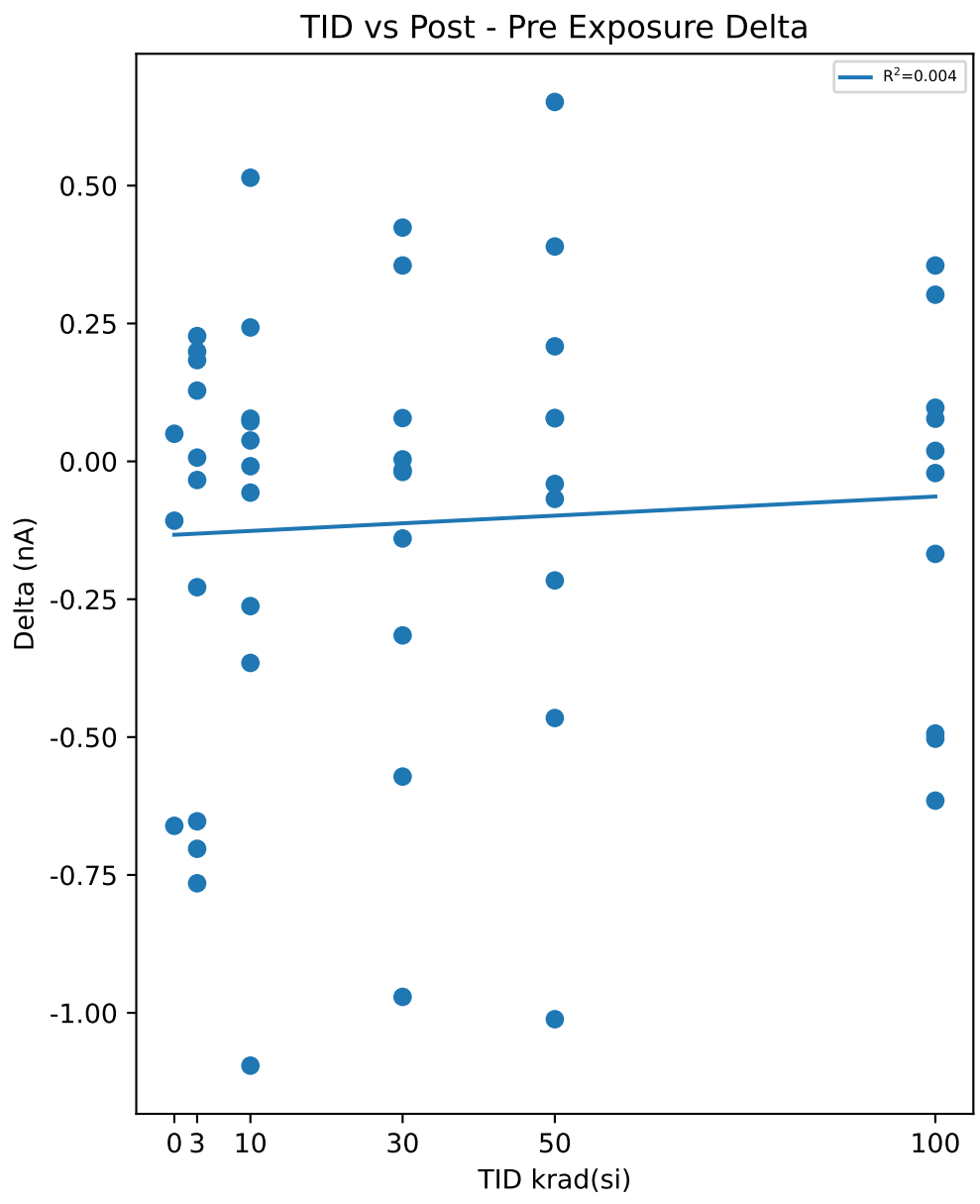
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.59993	0.59998	5e-05
2	3	HDR BIAS	0.60023	0.60013	-0.0001
3	3	HDR BIAS	0.60028	0.60034	6e-05
4	3	HDR BIAS	0.60005	0.60015	0.0001
5	3	HDR BIAS	0.6002	0.60026	6e-05
6	3	HDR UNBIAS	0.60008	0.60001	-7e-05
7	3	HDR UNBIAS	0.6002	0.60027	7e-05
8	3	HDR UNBIAS	0.6003	0.60043	0.00013
9	3	HDR UNBIAS	0.59993	0.60002	9e-05
10	3	HDR UNBIAS	0.5998	0.59984	4e-05
11	10	HDR BIAS	0.60036	0.60054	0.00018
12	10	HDR BIAS	0.59993	0.59999	6e-05
13	10	HDR BIAS	0.60026	0.60042	0.00016
14	10	HDR BIAS	0.59961	0.59959	-2e-05
15	10	HDR BIAS	0.60017	0.60003	-0.00014
16	10	HDR UNBIAS	0.60002	0.60018	0.00016
17	10	HDR UNBIAS	0.59974	0.59965	-9e-05
18	10	HDR UNBIAS	0.60029	0.60049	0.0002
19	10	HDR UNBIAS	0.59986	0.59984	-2e-05
20	10	HDR UNBIAS	0.60017	0.6002	3e-05
31	30	HDR BIAS	0.59999	0.59968	-0.00031
32	30	HDR BIAS	0.60018	0.6003	0.00012
33	30	HDR BIAS	0.60013	0.59982	-0.00031
34	30	HDR BIAS	0.59978	0.59992	0.00014
35	30	HDR BIAS	0.59977	0.60022	0.00045
36	30	HDR UNBIAS	0.60014	0.60048	0.00034
37	30	HDR UNBIAS	0.5999	0.59986	-4e-05
38	30	HDR UNBIAS	0.6001	0.59973	-0.00037
39	30	HDR UNBIAS	0.59981	0.59991	0.0001
40	30	HDR UNBIAS	0.60029	0.60028	-1e-05
41	50	HDR BIAS	0.59991	0.59929	-0.00062
42	50	HDR BIAS	0.59993	0.60004	0.00011
43	50	HDR BIAS	0.59993	0.59993	0
44	50	HDR BIAS	0.59959	0.5992	-0.00039
45	50	HDR BIAS	0.60008	0.60005	-3e-05
46	50	HDR UNBIAS	0.59999	0.60101	0.00102
47	50	HDR UNBIAS	0.6001	0.60009	-1e-05
48	50	HDR UNBIAS	0.60018	0.59993	-0.00025
49	50	HDR UNBIAS	0.60026	0.60013	-0.00013
50	50	HDR UNBIAS	0.59979	0.60004	0.00025
51	100	HDR BIAS	0.60037	0.60013	-0.00024
52	100	HDR BIAS	0.59969	0.5991	-0.00059
53	100	HDR BIAS	0.60031	0.59942	-0.00089
54	100	HDR BIAS	0.59995	0.59971	-0.00024
55	100	HDR BIAS	0.59982	0.59936	-0.00046
56	100	HDR UNBIAS	0.60032	0.60074	0.00042
57	100	HDR UNBIAS	0.59987	0.59977	-0.0001
58	100	HDR UNBIAS	0.60006	0.59952	-0.00054
59	100	HDR UNBIAS	0.60023	0.60032	9e-05
60	100	HDR UNBIAS	0.60036	0.60105	0.00069
71	0	CORRELATION	0.60043	0.60049	6e-05
72	0	CORRELATION	0.60025	0.60028	3e-05
73	0	CORRELATION	0.60012	0.6002	8e-05

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	0.60012	0.60027	0.60043	0.00015567	0.6002	0.60032	0.60049	0.00014978	3e-05	5.6667e-05	8e-05	2.5166e-05
3	0.5998	0.6001	0.6003	0.00016997	0.59984	0.60014	0.60043	0.00018331	-0.0001	4.3e-05	0.00013	7.2732e-05
10	0.59961	0.60004	0.60036	0.00025097	0.59959	0.60009	0.60054	0.0003352	-0.00014	5.2e-05	0.0002	0.00011998
30	0.59977	0.60001	0.60029	0.0001855	0.59968	0.60002	0.60048	0.00027588	-0.00037	1.1e-05	0.00045	0.00027723
50	0.59959	0.59998	0.60026	0.00019461	0.5992	0.59997	0.60101	0.000494	-0.00062	-5e-06	0.00102	0.00043864
100	0.59969	0.6001	0.60037	0.0002524	0.5991	0.59991	0.60105	0.0006338	-0.00089	-0.000186	0.00069	0.00048111

Device Test: 19.8 CURRENT|EA//5/5/0/0/5/500kHz//@EA_IB





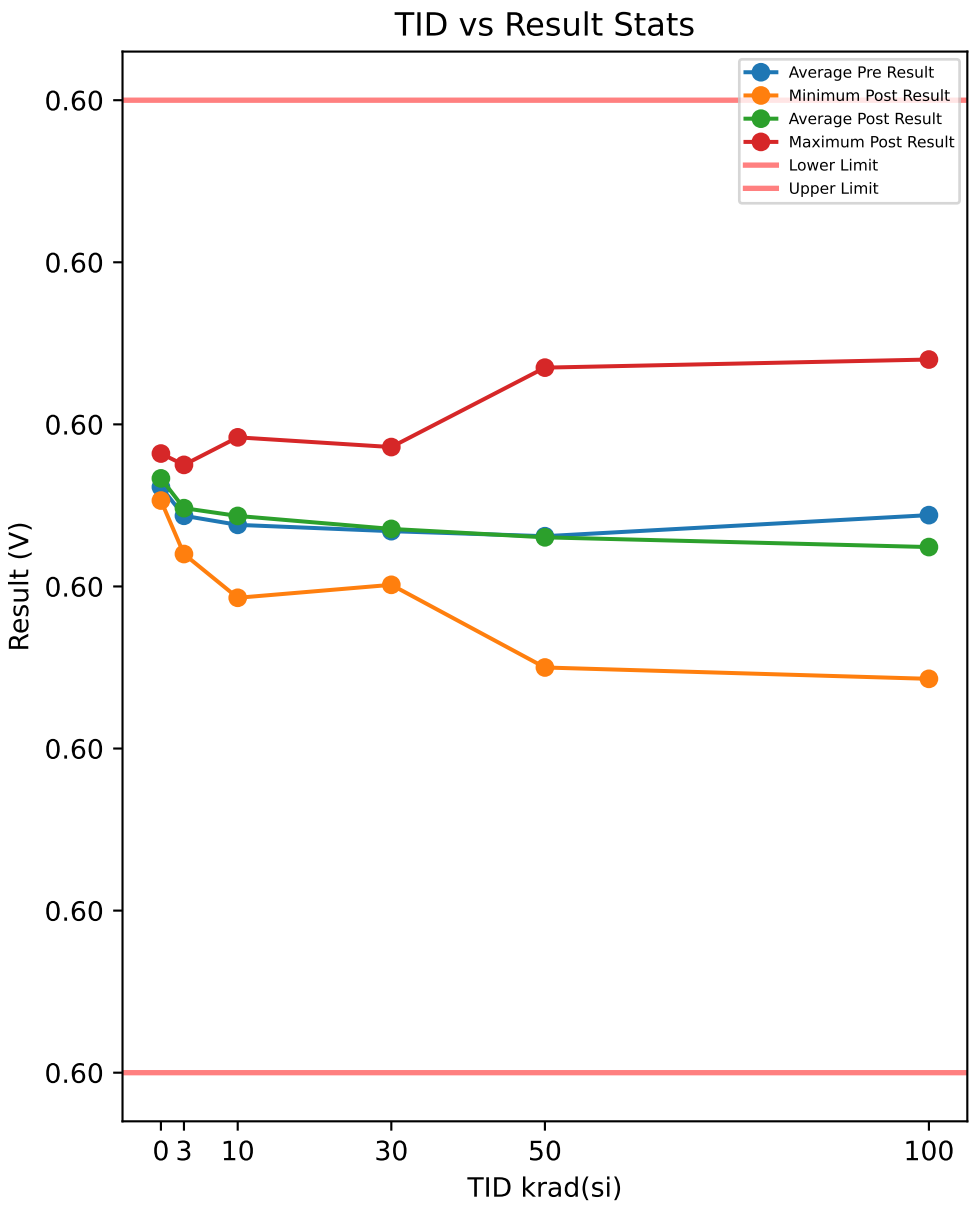
Test Results (Upper Limit = 25.0 (nA))

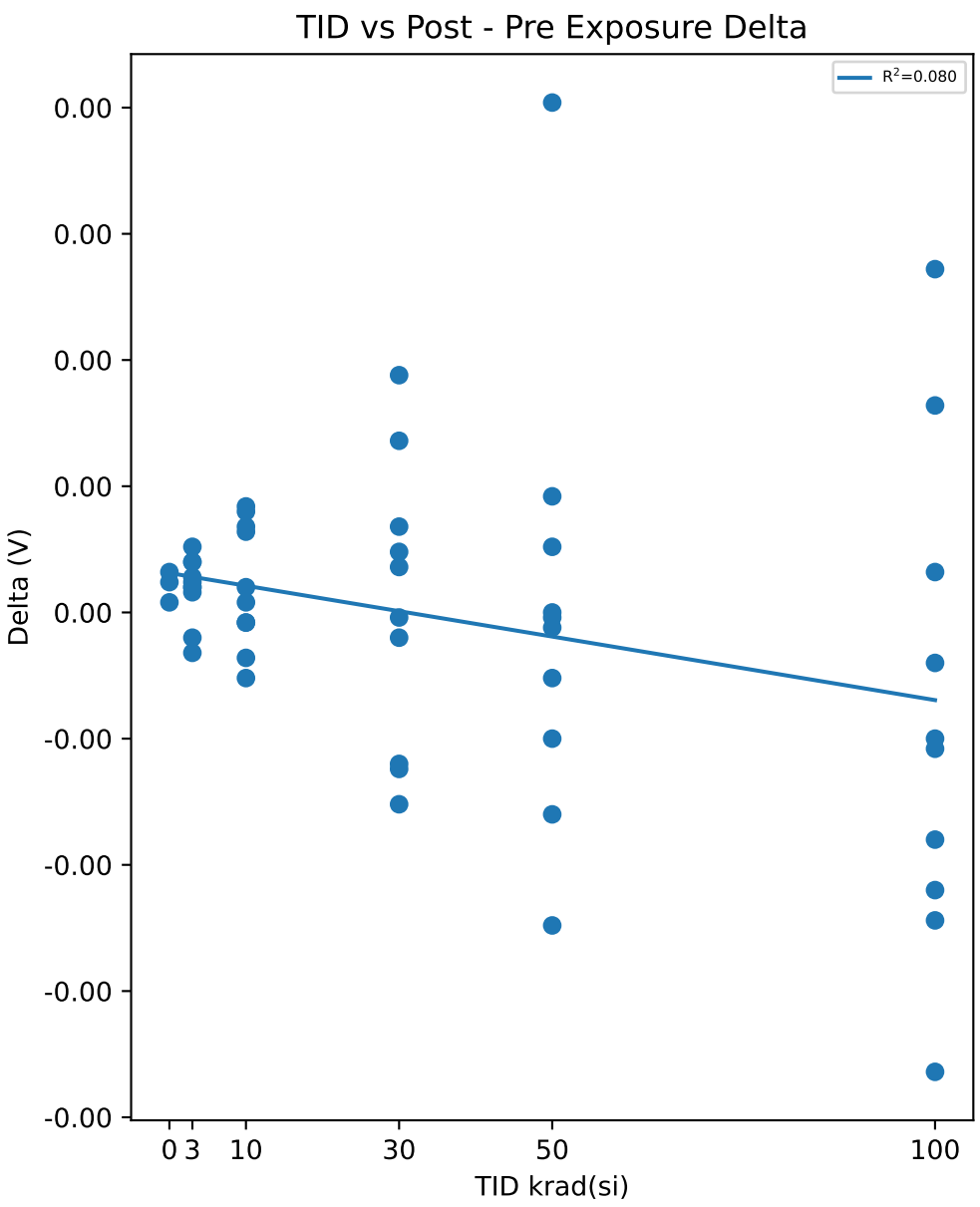
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.5279	-0.1747	-0.7026
2	3	HDR BIAS	-0.273	-0.0894	0.1836
3	3	HDR BIAS	-0.38	-0.2517	0.1283
4	3	HDR BIAS	0.4468	-0.3183	-0.7651
5	3	HDR BIAS	-0.3947	-0.1675	0.2272
6	3	HDR UNBIAS	-0.33	-0.3638	-0.0338
7	3	HDR UNBIAS	-0.0589	-0.2871	-0.2282
8	3	HDR UNBIAS	-0.4291	-0.2299	0.1992
9	3	HDR UNBIAS	-0.355	-0.3482	0.0068
10	3	HDR UNBIAS	0.3313	-0.3214	-0.6527
11	10	HDR BIAS	-0.3167	-0.2393	0.0774
12	10	HDR BIAS	-0.3581	-0.3669	-0.0088
13	10	HDR BIAS	0.1409	-0.1216	-0.2625
14	10	HDR BIAS	-0.5195	-0.0052	0.5143
15	10	HDR BIAS	-0.4518	-0.3794	0.0724
16	10	HDR UNBIAS	0.1221	-0.2434	-0.3655
17	10	HDR UNBIAS	-0.3479	-0.1051	0.2428
18	10	HDR UNBIAS	-0.3238	-0.2859	0.0379
19	10	HDR UNBIAS	0.6902	-0.4056	-1.0958
20	10	HDR UNBIAS	-0.1482	-0.2049	-0.0567
31	30	HDR BIAS	-0.293	-0.3089	-0.0159
32	30	HDR BIAS	-0.5445	-0.1893	0.3552
33	30	HDR BIAS	-0.408	-0.3295	0.0785
34	30	HDR BIAS	0.144	-0.1716	-0.3156
35	30	HDR BIAS	-0.3479	0.076	0.4239
36	30	HDR UNBIAS	-0.252	-0.3918	-0.1398
37	30	HDR UNBIAS	0.5748	-0.3963	-0.9711
38	30	HDR UNBIAS	-0.3043	-0.3235	-0.0192
39	30	HDR UNBIAS	-0.3612	-0.3576	0.0036
40	30	HDR UNBIAS	0.4343	-0.1373	-0.5716
41	50	HDR BIAS	-0.22	-0.0114	0.2086
42	50	HDR BIAS	-0.3019	-0.37	-0.0681
43	50	HDR BIAS	-0.1213	-0.1622	-0.0409
44	50	HDR BIAS	-0.6288	0.0229	0.6517
45	50	HDR BIAS	-0.4205	-0.342	0.0785
46	50	HDR UNBIAS	0.3157	-0.1497	-0.4654
47	50	HDR UNBIAS	-0.3729	0.0167	0.3896
48	50	HDR UNBIAS	-0.3206	-0.2424	0.0782
49	50	HDR UNBIAS	0.5279	-0.4837	-1.0116
50	50	HDR UNBIAS	-0.2169	-0.4328	-0.2159
51	100	HDR BIAS	-0.2925	-0.4603	-0.1678
52	100	HDR BIAS	0.2252	-0.2683	-0.4935
53	100	HDR BIAS	-0.5008	-0.1456	0.3552
54	100	HDR BIAS	-0.4549	-0.3576	0.0973
55	100	HDR BIAS	0.1097	-0.5055	-0.6152
56	100	HDR UNBIAS	-0.5195	-0.4422	0.0773
57	100	HDR UNBIAS	-0.4049	-0.4261	-0.0212
58	100	HDR UNBIAS	0.2689	-0.234	-0.5029
59	100	HDR UNBIAS	-0.4447	-0.1425	0.3022
60	100	HDR UNBIAS	-0.2957	-0.2766	0.0191
71	0	CORRELATION	-0.3511	-0.4587	-0.1076
72	0	CORRELATION	-0.3362	-0.2861	0.0501
73	0	CORRELATION	0.35	-0.3109	-0.6609

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	-0.3511	-0.11243	0.35	0.40055	-0.4587	-0.3519	-0.2861	0.093319	-0.6609	-0.23947	0.0501	0.37339
3	-0.4291	-0.09147	0.5279	0.3803	-0.3638	-0.2552	-0.0894	0.089528	-0.7651	-0.16373	0.2272	0.39885
10	-0.5195	-0.15128	0.6902	0.37008	-0.4056	-0.23573	-0.0052	0.13059	-1.0958	-0.08445	0.5143	0.43094
30	-0.5445	-0.13578	0.5748	0.38178	-0.3963	-0.25298	0.076	0.14795	-0.9711	-0.1172	0.4239	0.41689
50	-0.6288	-0.17593	0.5279	0.34708	-0.4837	-0.21546	0.0229	0.18836	-1.0116	-0.03953	0.6517	0.46062
100	-0.5195	-0.23092	0.2689	0.30986	-0.5055	-0.32587	-0.1425	0.13133	-0.6152	-0.09495	0.3552	0.34102

Device Test: 19.81 VOLTAGE|VREF//12/12/0/1000/5/1MHz//@VREF_25C





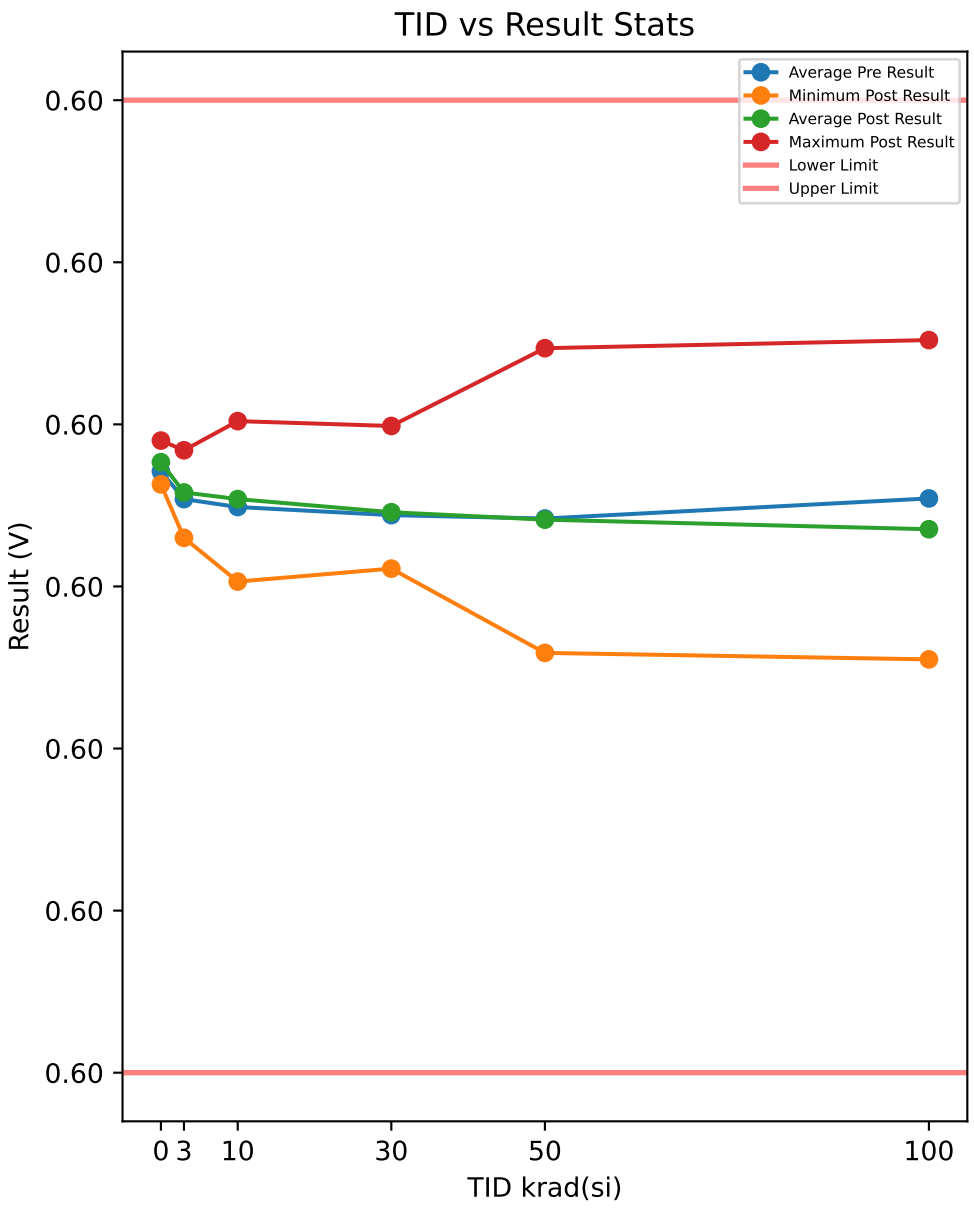
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

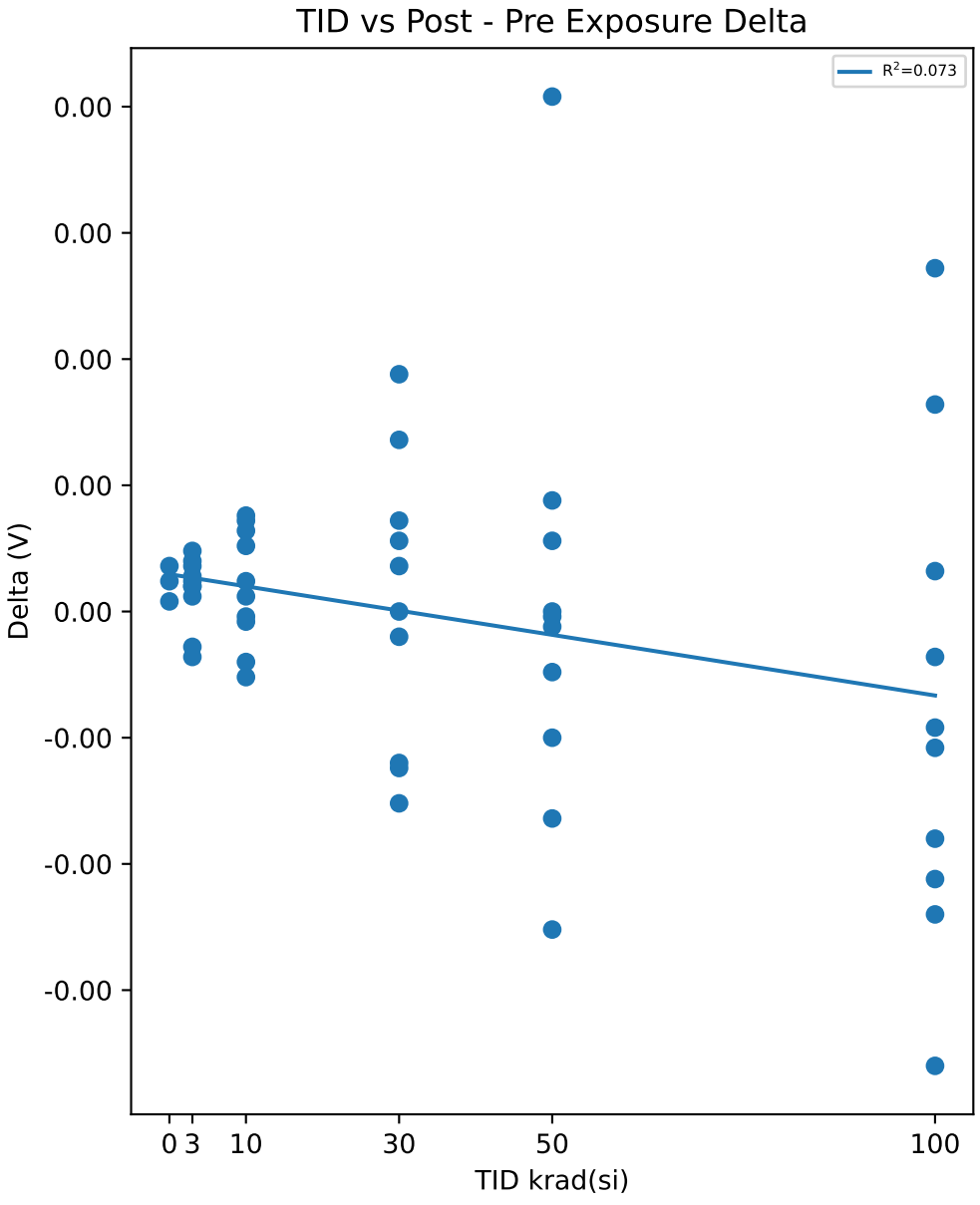
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.60026	0.60031	5e-05
2	3	HDR BIAS	0.60054	0.60046	-8e-05
3	3	HDR BIAS	0.60063	0.6007	7e-05
4	3	HDR BIAS	0.60037	0.60047	0.0001
5	3	HDR BIAS	0.60056	0.60062	6e-05
6	3	HDR UNBIAS	0.60041	0.60036	-5e-05
7	3	HDR UNBIAS	0.60055	0.6006	5e-05
8	3	HDR UNBIAS	0.60062	0.60075	0.00013
9	3	HDR UNBIAS	0.60026	0.60036	0.0001
10	3	HDR UNBIAS	0.60016	0.6002	4e-05
11	10	HDR BIAS	0.60072	0.60092	0.0002
12	10	HDR BIAS	0.60026	0.60031	5e-05
13	10	HDR BIAS	0.60059	0.60076	0.00017
14	10	HDR BIAS	0.59995	0.59993	-2e-05
15	10	HDR BIAS	0.60054	0.60041	-0.00013
16	10	HDR UNBIAS	0.60038	0.60054	0.00016
17	10	HDR UNBIAS	0.60004	0.59995	-9e-05
18	10	HDR UNBIAS	0.60066	0.60087	0.00021
19	10	HDR UNBIAS	0.60018	0.60016	-2e-05
20	10	HDR UNBIAS	0.60048	0.6005	2e-05
31	30	HDR BIAS	0.60031	0.60001	-0.0003
32	30	HDR BIAS	0.6005	0.60062	0.00012
33	30	HDR BIAS	0.60046	0.60015	-0.00031
34	30	HDR BIAS	0.60006	0.60023	0.00017
35	30	HDR BIAS	0.60006	0.60053	0.00047
36	30	HDR UNBIAS	0.60052	0.60086	0.00034
37	30	HDR UNBIAS	0.60024	0.60019	-5e-05
38	30	HDR UNBIAS	0.60048	0.6001	-0.00038
39	30	HDR UNBIAS	0.60014	0.60023	9e-05
40	30	HDR UNBIAS	0.60064	0.60063	-1e-05
41	50	HDR BIAS	0.60024	0.59962	-0.00062
42	50	HDR BIAS	0.60026	0.60039	0.00013
43	50	HDR BIAS	0.60031	0.60031	0
44	50	HDR BIAS	0.5999	0.5995	-0.0004
45	50	HDR BIAS	0.60041	0.60038	-3e-05
46	50	HDR UNBIAS	0.60034	0.60135	0.00101
47	50	HDR UNBIAS	0.60045	0.60044	-1e-05
48	50	HDR UNBIAS	0.6005	0.60025	-0.00025
49	50	HDR UNBIAS	0.60057	0.60044	-0.00013
50	50	HDR UNBIAS	0.60012	0.60035	0.00023
51	100	HDR BIAS	0.6007	0.60045	-0.00025
52	100	HDR BIAS	0.60004	0.59943	-0.00061
53	100	HDR BIAS	0.60065	0.59974	-0.00091
54	100	HDR BIAS	0.60028	0.60001	-0.00027
55	100	HDR BIAS	0.60015	0.5997	-0.00045
56	100	HDR UNBIAS	0.60066	0.60107	0.00041
57	100	HDR UNBIAS	0.60023	0.60013	-0.0001
58	100	HDR UNBIAS	0.60041	0.59986	-0.00055
59	100	HDR UNBIAS	0.60056	0.60064	8e-05
60	100	HDR UNBIAS	0.60072	0.6014	0.00068
71	0	CORRELATION	0.60076	0.60082	6e-05
72	0	CORRELATION	0.60063	0.60065	2e-05
73	0	CORRELATION	0.60045	0.60053	8e-05

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	0.60045	0.60061	0.60076	0.00015567	0.60053	0.60067	0.60082	0.00014572	2e-05	5.3333e-05	8e-05	3.0551e-05
3	0.60016	0.60044	0.60063	0.00016794	0.6002	0.60048	0.60075	0.00018006	-8e-05	4.7e-05	0.00013	6.5668e-05
10	0.59995	0.60038	0.60072	0.00026428	0.59993	0.60043	0.60092	0.00035394	-0.00013	5.5e-05	0.00021	0.0001234
30	0.60006	0.60034	0.60064	0.00020808	0.60001	0.60035	0.60086	0.00028207	-0.00038	1.4e-05	0.00047	0.00028265
50	0.5999	0.60031	0.60057	0.00019602	0.5995	0.6003	0.60135	0.00050151	-0.00062	-7e-06	0.00101	0.00043643
100	0.60004	0.60044	0.60072	0.00025113	0.59943	0.60024	0.6014	0.00063645	-0.00091	-0.000197	0.00068	0.00048298

Device Test: 19.83 VOLTAGE|VREF//14/14/0/1000/5/1MHz//@VREF_25C





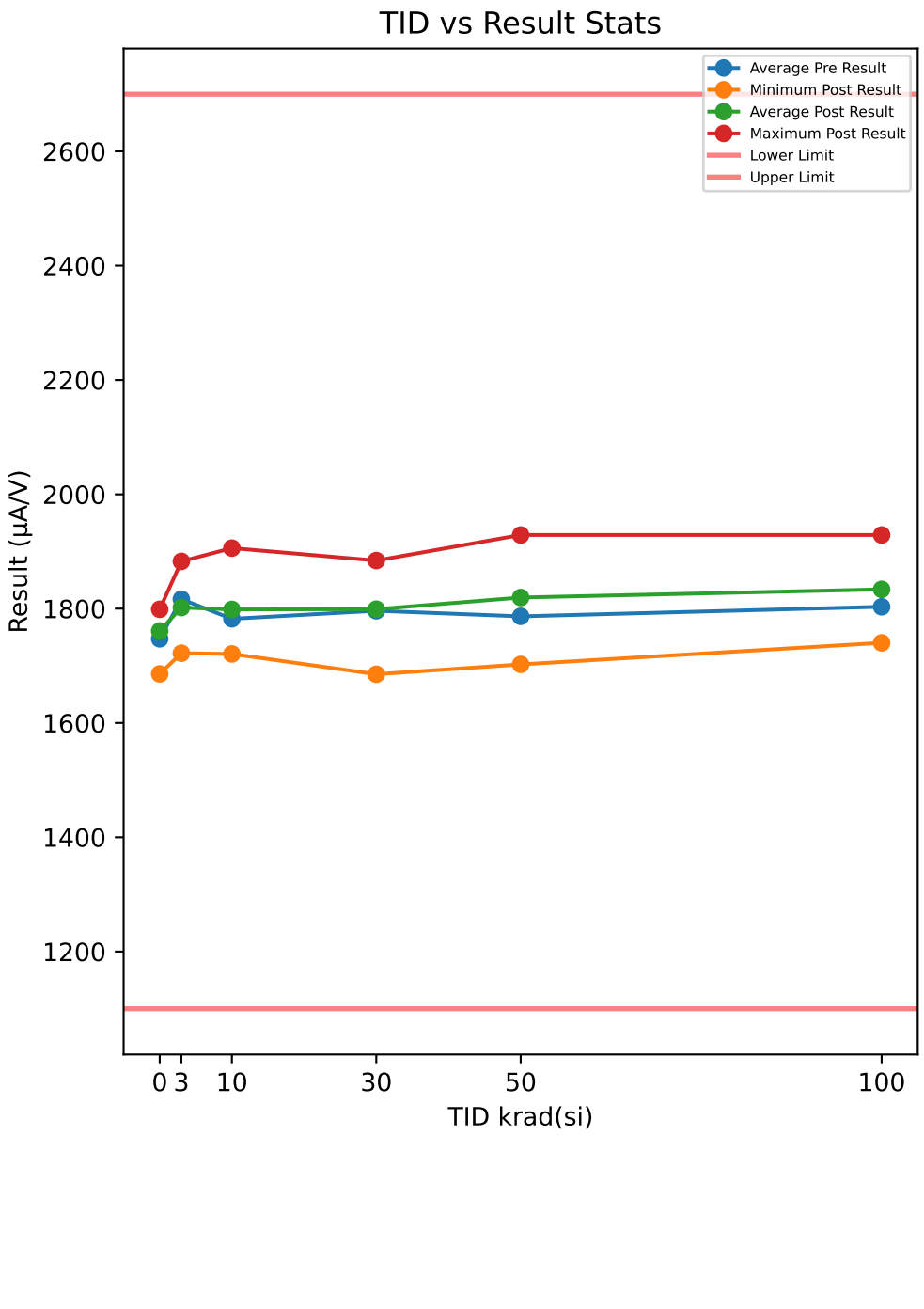
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

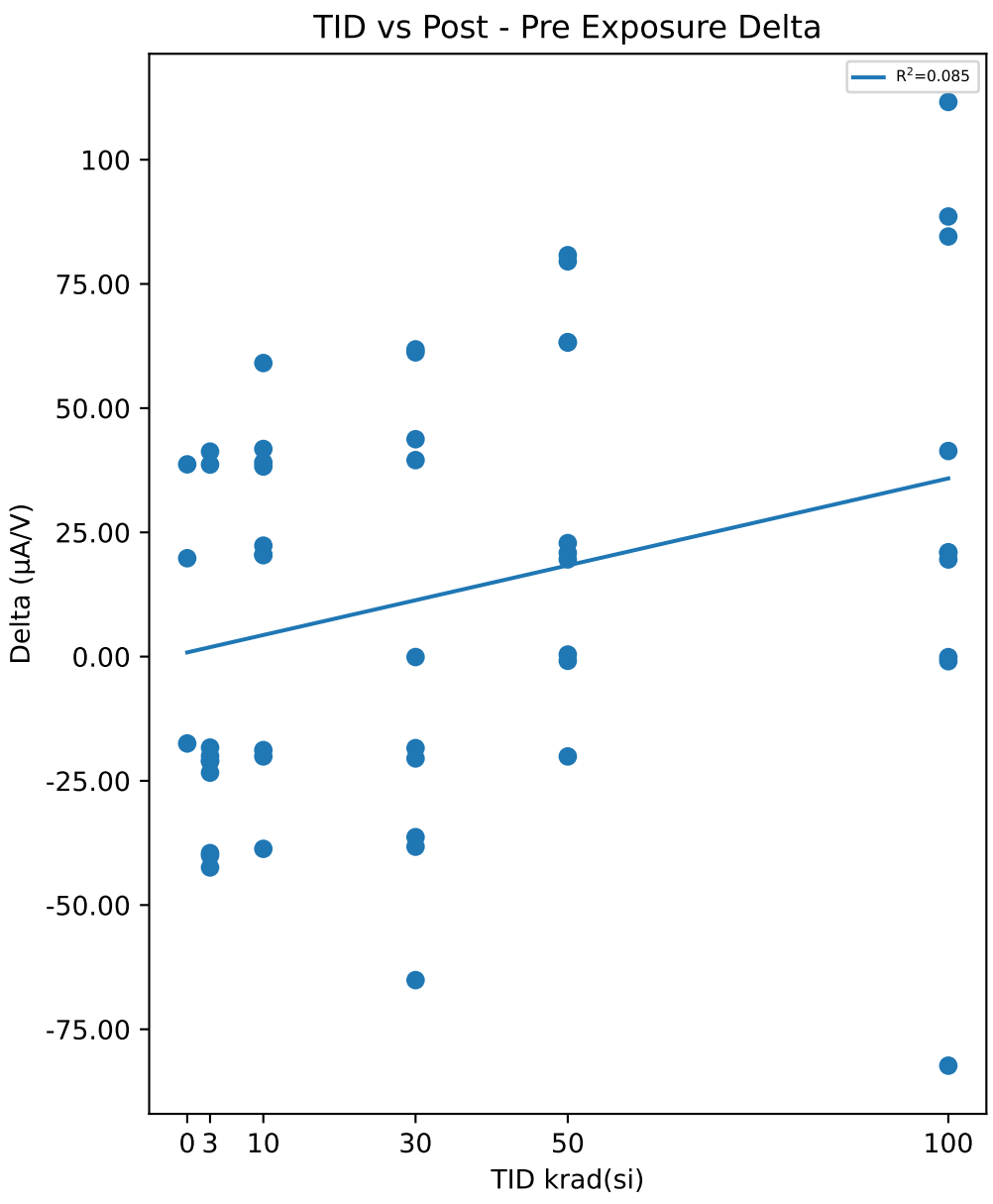
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.60035	0.60041	6e-05
2	3	HDR BIAS	0.60064	0.60055	-9e-05
3	3	HDR BIAS	0.60074	0.60081	7e-05
4	3	HDR BIAS	0.60046	0.60056	0.0001
5	3	HDR BIAS	0.60067	0.60072	5e-05
6	3	HDR UNBIAS	0.60053	0.60046	-7e-05
7	3	HDR UNBIAS	0.60065	0.6007	5e-05
8	3	HDR UNBIAS	0.60072	0.60084	0.00012
9	3	HDR UNBIAS	0.60036	0.60045	9e-05
10	3	HDR UNBIAS	0.60027	0.6003	3e-05
11	10	HDR BIAS	0.60084	0.60102	0.00018
12	10	HDR BIAS	0.60035	0.60041	6e-05
13	10	HDR BIAS	0.6007	0.60086	0.00016
14	10	HDR BIAS	0.60005	0.60003	-2e-05
15	10	HDR BIAS	0.60068	0.60055	-0.00013
16	10	HDR UNBIAS	0.60051	0.60064	0.00013
17	10	HDR UNBIAS	0.60014	0.60004	-0.0001
18	10	HDR UNBIAS	0.60079	0.60098	0.00019
19	10	HDR UNBIAS	0.60026	0.60025	-1e-05
20	10	HDR UNBIAS	0.60058	0.60061	3e-05
31	30	HDR BIAS	0.60041	0.60011	-0.0003
32	30	HDR BIAS	0.60059	0.60073	0.00014
33	30	HDR BIAS	0.60057	0.60026	-0.00031
34	30	HDR BIAS	0.60015	0.60033	0.00018
35	30	HDR BIAS	0.60015	0.60062	0.00047
36	30	HDR UNBIAS	0.60065	0.60099	0.00034
37	30	HDR UNBIAS	0.60034	0.60029	-5e-05
38	30	HDR UNBIAS	0.60057	0.60019	-0.00038
39	30	HDR UNBIAS	0.60023	0.60032	9e-05
40	30	HDR UNBIAS	0.60074	0.60074	0
41	50	HDR BIAS	0.60035	0.59972	-0.00063
42	50	HDR BIAS	0.60036	0.6005	0.00014
43	50	HDR BIAS	0.60045	0.60045	0
44	50	HDR BIAS	0.6	0.59959	-0.00041
45	50	HDR BIAS	0.6005	0.60049	-1e-05
46	50	HDR UNBIAS	0.60045	0.60147	0.00102
47	50	HDR UNBIAS	0.60058	0.60055	-3e-05
48	50	HDR UNBIAS	0.60061	0.60036	-0.00025
49	50	HDR UNBIAS	0.60066	0.60054	-0.00012
50	50	HDR UNBIAS	0.60023	0.60045	0.00022
51	100	HDR BIAS	0.60079	0.60056	-0.00023
52	100	HDR BIAS	0.60015	0.59955	-0.0006
53	100	HDR BIAS	0.60075	0.59985	-0.0009
54	100	HDR BIAS	0.60037	0.6001	-0.00027
55	100	HDR BIAS	0.60026	0.59981	-0.00045
56	100	HDR UNBIAS	0.60077	0.60118	0.00041
57	100	HDR UNBIAS	0.60033	0.60024	-9e-05
58	100	HDR UNBIAS	0.6005	0.59997	-0.00053
59	100	HDR UNBIAS	0.60067	0.60075	8e-05
60	100	HDR UNBIAS	0.60084	0.60152	0.00068
71	0	CORRELATION	0.60084	0.6009	6e-05
72	0	CORRELATION	0.60075	0.60077	2e-05
73	0	CORRELATION	0.60054	0.60063	9e-05

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	0.60054	0.60071	0.60084	0.00015395	0.60063	0.60077	0.6009	0.00013503	2e-05	5.6667e-05	9e-05	3.5119e-05
3	0.60027	0.60054	0.60074	0.00016974	0.6003	0.60058	0.60084	0.00018086	-9e-05	4.1e-05	0.00012	6.9194e-05
10	0.60005	0.60049	0.60084	0.00027685	0.60003	0.60054	0.60102	0.00035785	-0.00013	4.9e-05	0.00019	0.00011493
30	0.60015	0.60044	0.60074	0.00021437	0.60011	0.60046	0.60099	0.00029032	-0.00038	1.8e-05	0.00047	0.00028409
50	0.6	0.60042	0.60066	0.00019678	0.59959	0.60041	0.60147	0.00050868	-0.00063	-7e-06	0.00102	0.00044106
100	0.60015	0.60054	0.60084	0.00025197	0.59955	0.60035	0.60152	0.00063791	-0.0009	-0.00019	0.00068	0.00047879

Device Test: 19.9 LEVEL|TRANSCONDUCTANCE//12/12/0/0/5/500kHz//@EA_GM





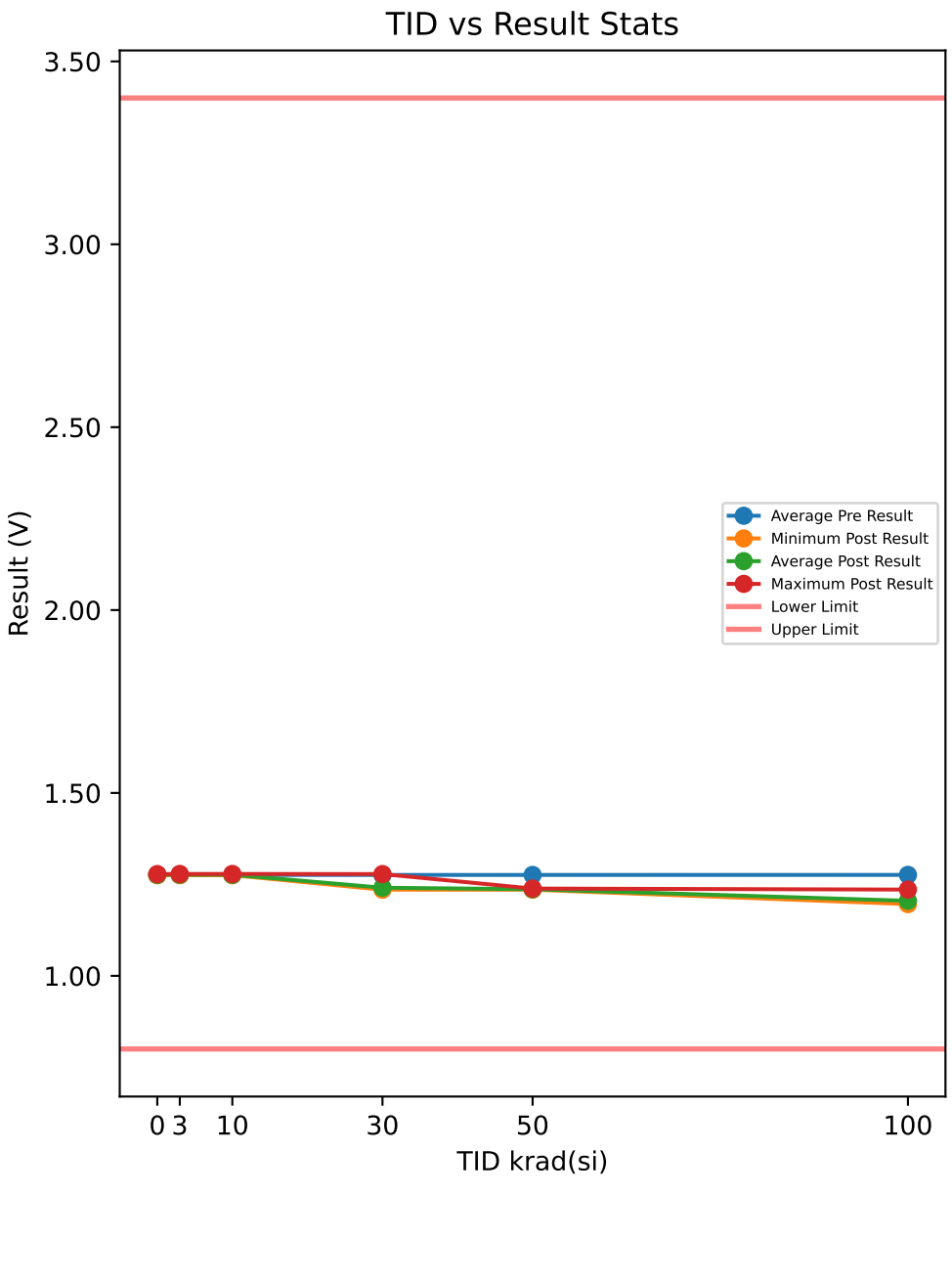
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

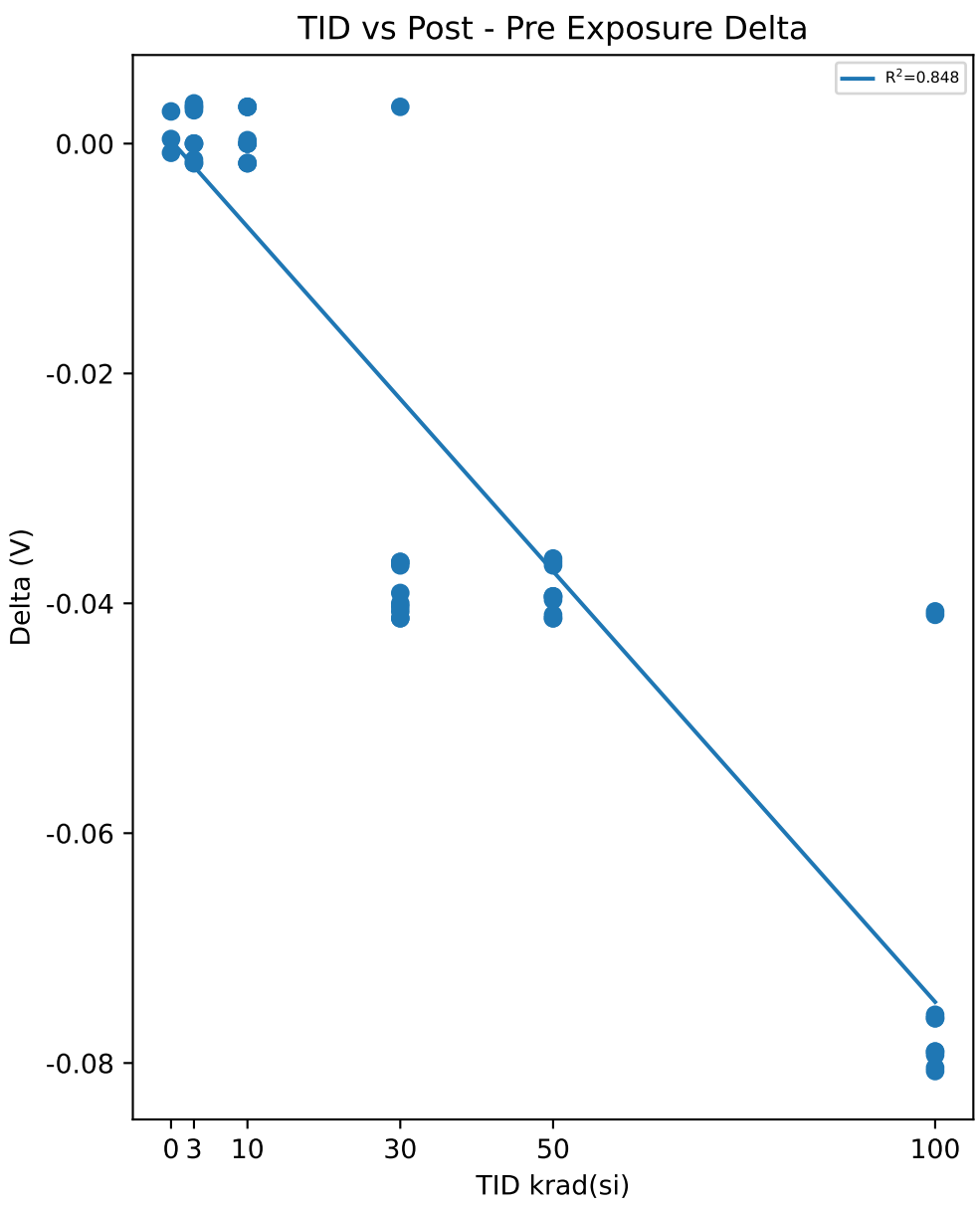
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1840.3	1819.3	-21.013
2	3	HDR BIAS	1740.3	1722	-18.31
3	3	HDR BIAS	1759.4	1798.1	38.646
4	3	HDR BIAS	1798.9	1840.2	41.257
5	3	HDR BIAS	1819.5	1779.4	-40.014
6	3	HDR UNBIAS	1906.1	1882.7	-23.357
7	3	HDR UNBIAS	1840.3	1819.3	-21.023
8	3	HDR UNBIAS	1819.5	1799.4	-20.032
9	3	HDR UNBIAS	1779	1739.4	-39.544
10	3	HDR UNBIAS	1861.7	1819.3	-42.434
11	10	HDR BIAS	1779	1799.4	20.426
12	10	HDR BIAS	1840.3	1860.8	20.483
13	10	HDR BIAS	1798.9	1778.8	-20.094
14	10	HDR BIAS	1721.6	1759.9	38.259
15	10	HDR BIAS	1759.4	1720.7	-38.689
16	10	HDR UNBIAS	1740.3	1721.4	-18.821
17	10	HDR UNBIAS	1799	1840.8	41.787
18	10	HDR UNBIAS	1759.4	1818.5	59.081
19	10	HDR UNBIAS	1883.6	1905.9	22.328
20	10	HDR UNBIAS	1740.3	1779.4	39.096
31	30	HDR BIAS	1819.4	1819.3	-0.0888
32	30	HDR BIAS	1840.4	1819.9	-20.492
33	30	HDR BIAS	1799	1860.8	61.833
34	30	HDR BIAS	1778.9	1840.2	61.228
35	30	HDR BIAS	1840.4	1884.1	43.753
36	30	HDR UNBIAS	1779	1818.5	39.539
37	30	HDR UNBIAS	1721.6	1703.1	-18.42
38	30	HDR UNBIAS	1779	1740.8	-38.256
39	30	HDR UNBIAS	1883.6	1818.5	-65.109
40	30	HDR UNBIAS	1721.5	1685.2	-36.34
41	50	HDR BIAS	1740.3	1740.8	0.4153
42	50	HDR BIAS	1819.4	1882.7	63.292
43	50	HDR BIAS	1798.9	1778.8	-20.094
44	50	HDR BIAS	1740.3	1819.9	79.543
45	50	HDR BIAS	1799	1818.5	19.558
46	50	HDR UNBIAS	1759.4	1840.2	80.789
47	50	HDR UNBIAS	1799	1819.9	20.871
48	50	HDR UNBIAS	1703.3	1702.4	-0.8469
49	50	HDR UNBIAS	1906	1928.8	22.844
50	50	HDR UNBIAS	1799	1862.2	63.2
51	100	HDR BIAS	1819.4	1860.8	41.378
52	100	HDR BIAS	1840.3	1928.9	88.576
53	100	HDR BIAS	1740.3	1759.9	19.543
54	100	HDR BIAS	1861.7	1882.7	20.965
55	100	HDR BIAS	1798.9	1883.5	84.548
56	100	HDR UNBIAS	1667.8	1779.5	111.62
57	100	HDR UNBIAS	1861.7	1882.7	20.975
58	100	HDR UNBIAS	1740.3	1740.2	-0.1083
59	100	HDR UNBIAS	1861.8	1779.4	-82.323
60	100	HDR UNBIAS	1840.3	1839.4	-0.9282
71	0	CORRELATION	1779	1798.8	19.799
72	0	CORRELATION	1703.3	1685.8	-17.483
73	0	CORRELATION	1759.4	1798.1	38.692

Test Statistics (µA/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	1703.3	1747.2	1779	39.306	1685.8	1760.9	1798.8	65.04	-17.483	13.67	38.692	28.585
3	1740.3	1816.5	1906.1	49.423	1722	1801.9	1882.7	46.788	-42.434	-14.582	41.257	30.185
10	1721.6	1782.2	1883.6	49.937	1720.7	1798.6	1905.9	59.473	-38.689	16.386	59.081	31.858
30	1721.5	1796.3	1883.6	51.772	1685.2	1799	1884.1	66.58	-65.109	2.7648	61.833	45.651
50	1703.3	1786.5	1906	55.685	1702.4	1819.4	1928.8	66.467	-20.094	32.957	80.789	36.112
100	1667.8	1803.3	1861.8	66.291	1740.2	1833.7	1928.9	64.277	-82.323	30.425	111.62	55.726

Device Test: 20.1 LEVEL|LOW_LEVEL/SYNC/4.5/4.5/0/0/4.5/500kHz//@SYNC_VIL_TH_LOW_4P5





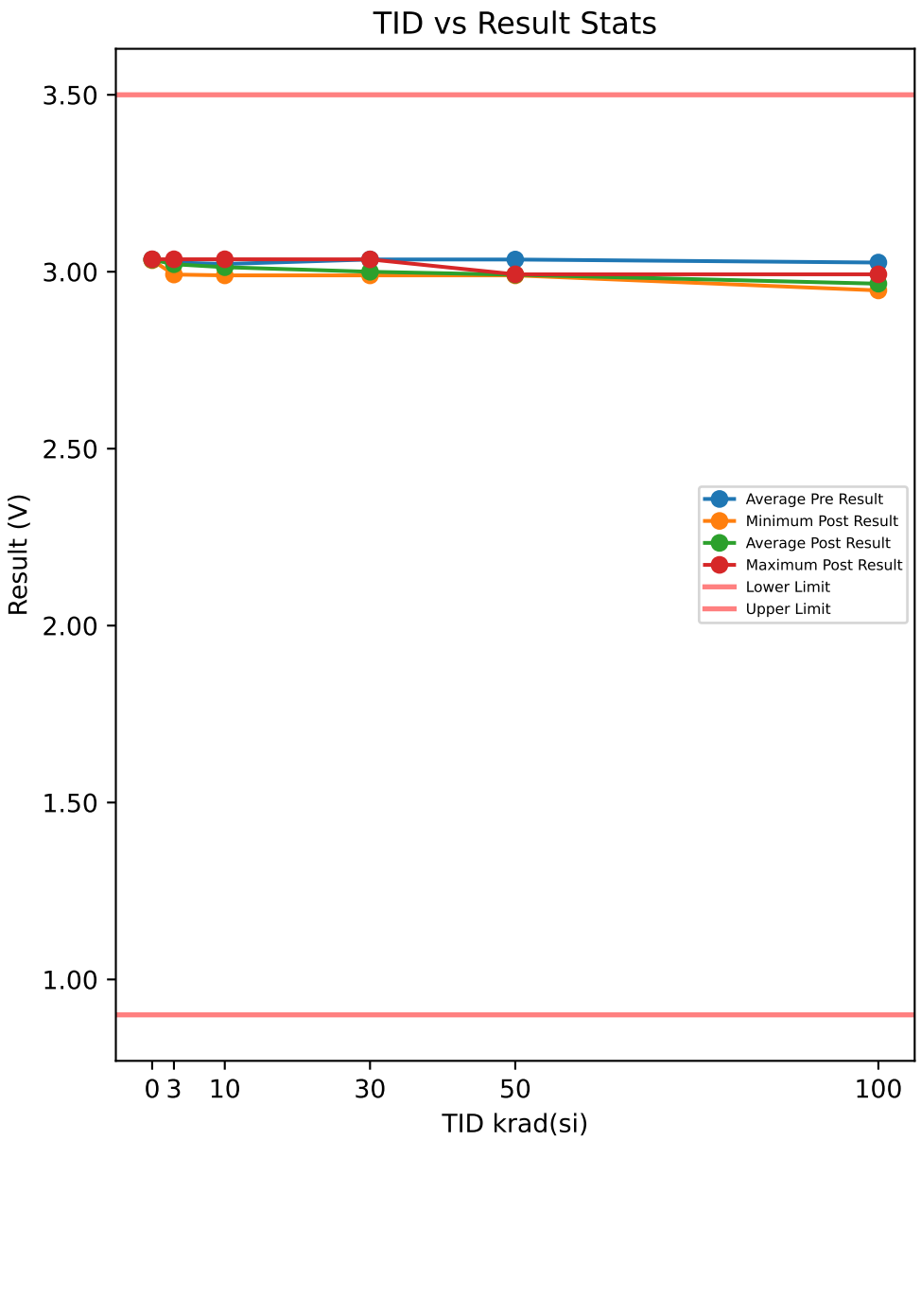
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

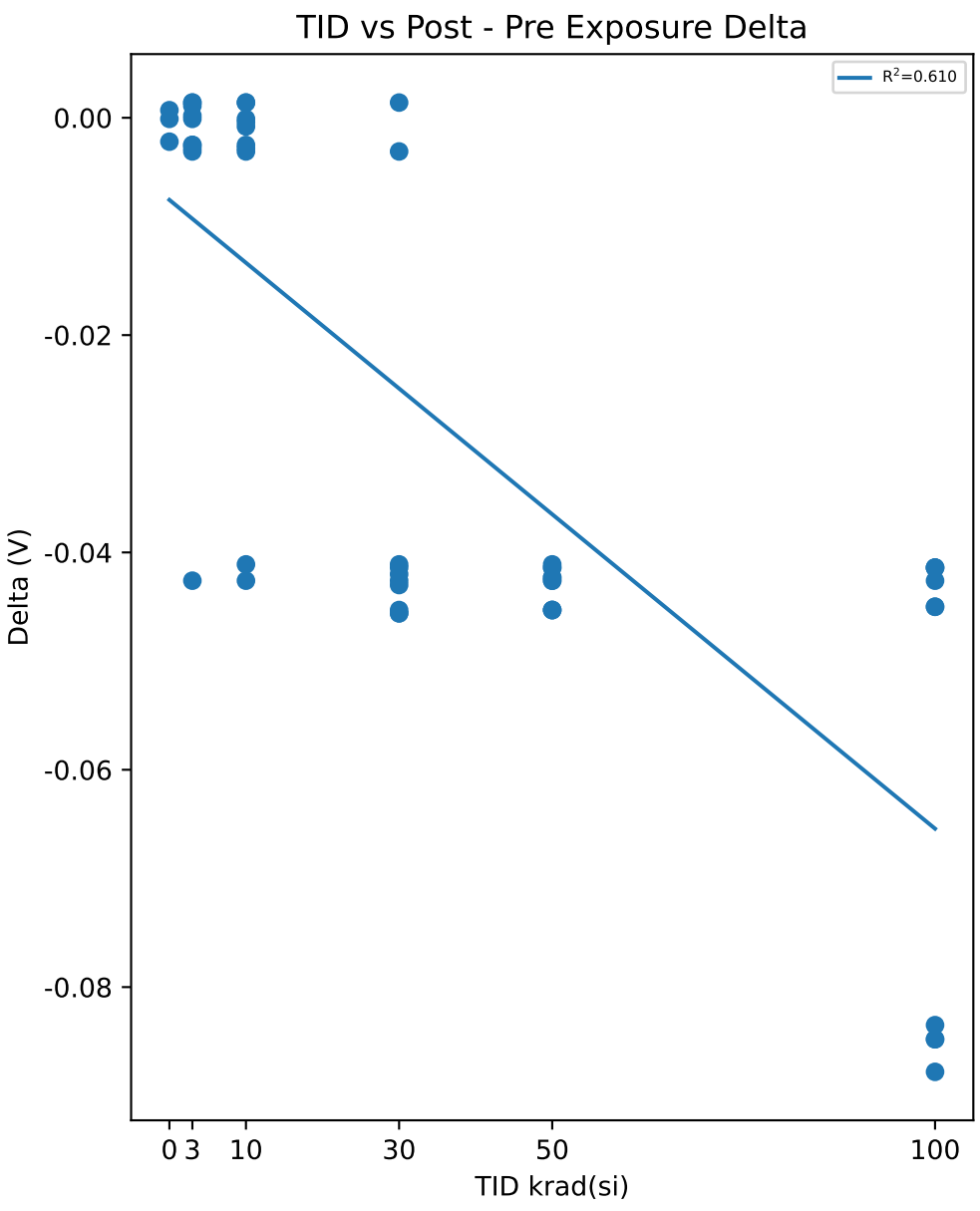
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.275	1.2785	0.0035
2	3	HDR BIAS	1.2757	1.2757	0
3	3	HDR BIAS	1.2765	1.2751	-0.0014
4	3	HDR BIAS	1.275	1.2782	0.0032
5	3	HDR BIAS	1.2757	1.2757	0
6	3	HDR UNBIAS	1.2768	1.2751	-0.0017
7	3	HDR UNBIAS	1.2753	1.2782	0.0029
8	3	HDR UNBIAS	1.2757	1.2757	0
9	3	HDR UNBIAS	1.2768	1.2751	-0.0017
10	3	HDR UNBIAS	1.275	1.2782	0.0032
11	10	HDR BIAS	1.276	1.276	0
12	10	HDR BIAS	1.2768	1.2751	-0.0017
13	10	HDR BIAS	1.2753	1.2785	0.0032
14	10	HDR BIAS	1.2757	1.2757	0
15	10	HDR BIAS	1.2768	1.2751	-0.0017
16	10	HDR UNBIAS	1.275	1.2782	0.0032
17	10	HDR UNBIAS	1.2757	1.2757	0
18	10	HDR UNBIAS	1.2768	1.2751	-0.0017
19	10	HDR UNBIAS	1.275	1.2782	0.0032
20	10	HDR UNBIAS	1.2757	1.276	0.0003
31	30	HDR BIAS	1.2753	1.2386	-0.0367
32	30	HDR BIAS	1.276	1.236	-0.04
33	30	HDR BIAS	1.2768	1.2355	-0.0413
34	30	HDR BIAS	1.275	1.2782	0.0032
35	30	HDR BIAS	1.276	1.2357	-0.0403
36	30	HDR UNBIAS	1.2768	1.2355	-0.0413
37	30	HDR UNBIAS	1.275	1.2386	-0.0364
38	30	HDR UNBIAS	1.2754	1.2363	-0.0391
39	30	HDR UNBIAS	1.2765	1.2358	-0.0407
40	30	HDR UNBIAS	1.275	1.2386	-0.0364
41	50	HDR BIAS	1.276	1.2363	-0.0397
42	50	HDR BIAS	1.2768	1.2355	-0.0413
43	50	HDR BIAS	1.2747	1.2386	-0.0361
44	50	HDR BIAS	1.2757	1.2363	-0.0394
45	50	HDR BIAS	1.2765	1.2355	-0.041
46	50	HDR UNBIAS	1.2753	1.2386	-0.0367
47	50	HDR UNBIAS	1.2757	1.2363	-0.0394
48	50	HDR UNBIAS	1.2768	1.2355	-0.0413
49	50	HDR UNBIAS	1.275	1.2386	-0.0364
50	50	HDR UNBIAS	1.2757	1.2363	-0.0394
51	100	HDR BIAS	1.2765	1.2358	-0.0407
52	100	HDR BIAS	1.2753	1.1992	-0.0761
53	100	HDR BIAS	1.2757	1.1967	-0.079
54	100	HDR BIAS	1.2768	1.2358	-0.041
55	100	HDR BIAS	1.275	1.1992	-0.0758
56	100	HDR UNBIAS	1.2757	1.1964	-0.0793
57	100	HDR UNBIAS	1.2765	1.1961	-0.0804
58	100	HDR UNBIAS	1.2753	1.1992	-0.0761
59	100	HDR UNBIAS	1.2757	1.1967	-0.079
60	100	HDR UNBIAS	1.2768	1.1961	-0.0807
71	0	CORRELATION	1.2754	1.2782	0.0028
72	0	CORRELATION	1.2768	1.276	-0.0008
73	0	CORRELATION	1.2747	1.2751	0.0004

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	1.2747	1.2756	1.2768	0.0010693	1.2751	1.2764	1.2782	0.0015948	-0.0008	0.0008	0.0028	0.001833
3	1.275	1.2757	1.2768	0.00071995	1.2751	1.2765	1.2785	0.0015072	-0.0017	0.0008	0.0035	0.0021726
10	1.275	1.2759	1.2768	0.00070993	1.2751	1.2764	1.2785	0.0013842	-0.0017	0.00048	0.0032	0.0020324
30	1.275	1.2758	1.2768	0.00073756	1.2355	1.2409	1.2782	0.013181	-0.0413	-0.0349	0.0032	0.013531
50	1.2747	1.2758	1.2768	0.00071926	1.2355	1.2368	1.2386	0.0013235	-0.0413	-0.03907	-0.0361	0.0019989
100	1.275	1.2759	1.2768	0.00066508	1.1961	1.2051	1.2358	0.016221	-0.0807	-0.07081	-0.0407	0.015889

Device Test: 20.10 LEVEL|HIGH_LEVEL/SYNC/5.5/5.5/0/0/5.5/500kHz//@SYNC_VIH_TH_LOW_5P5





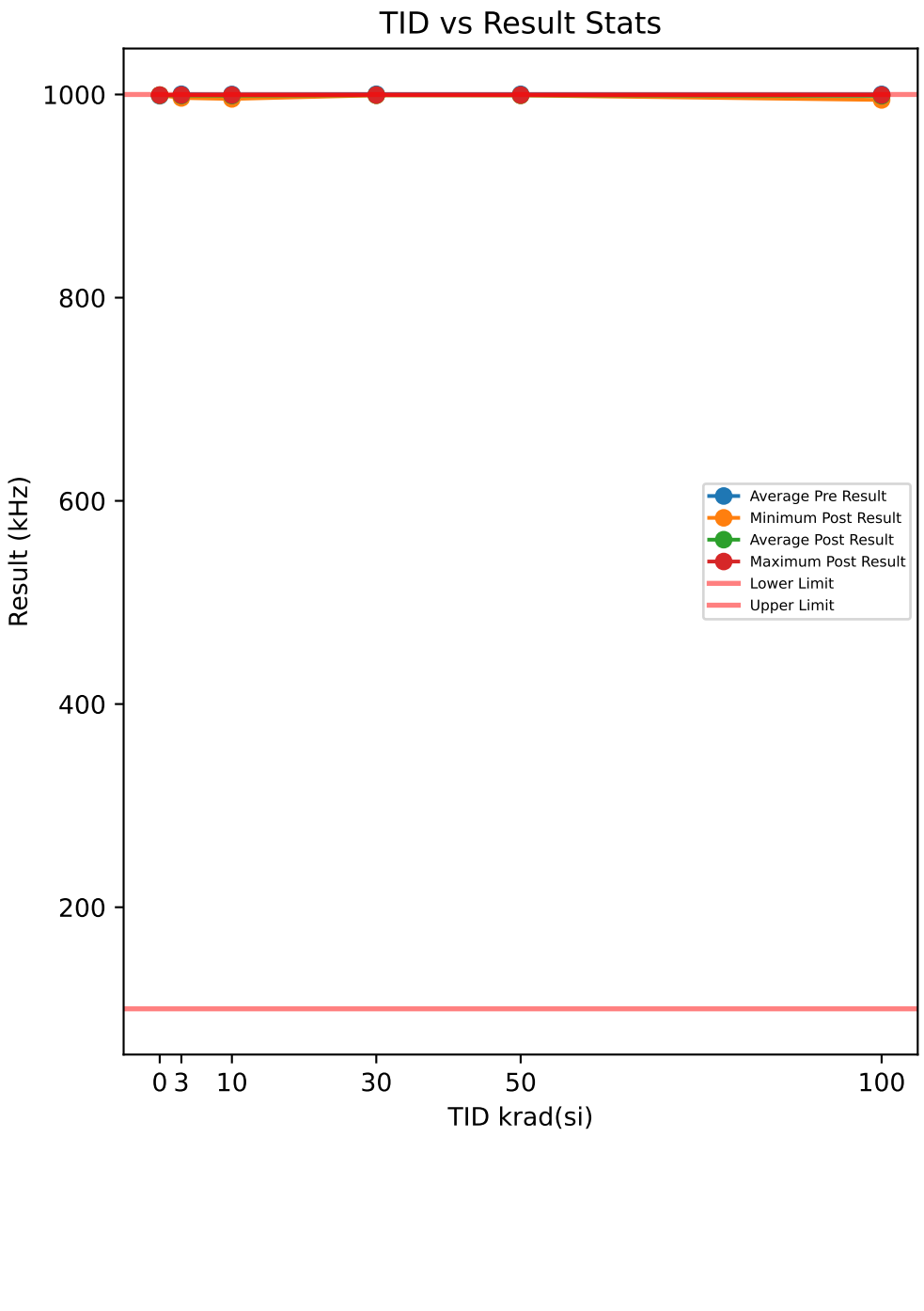
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

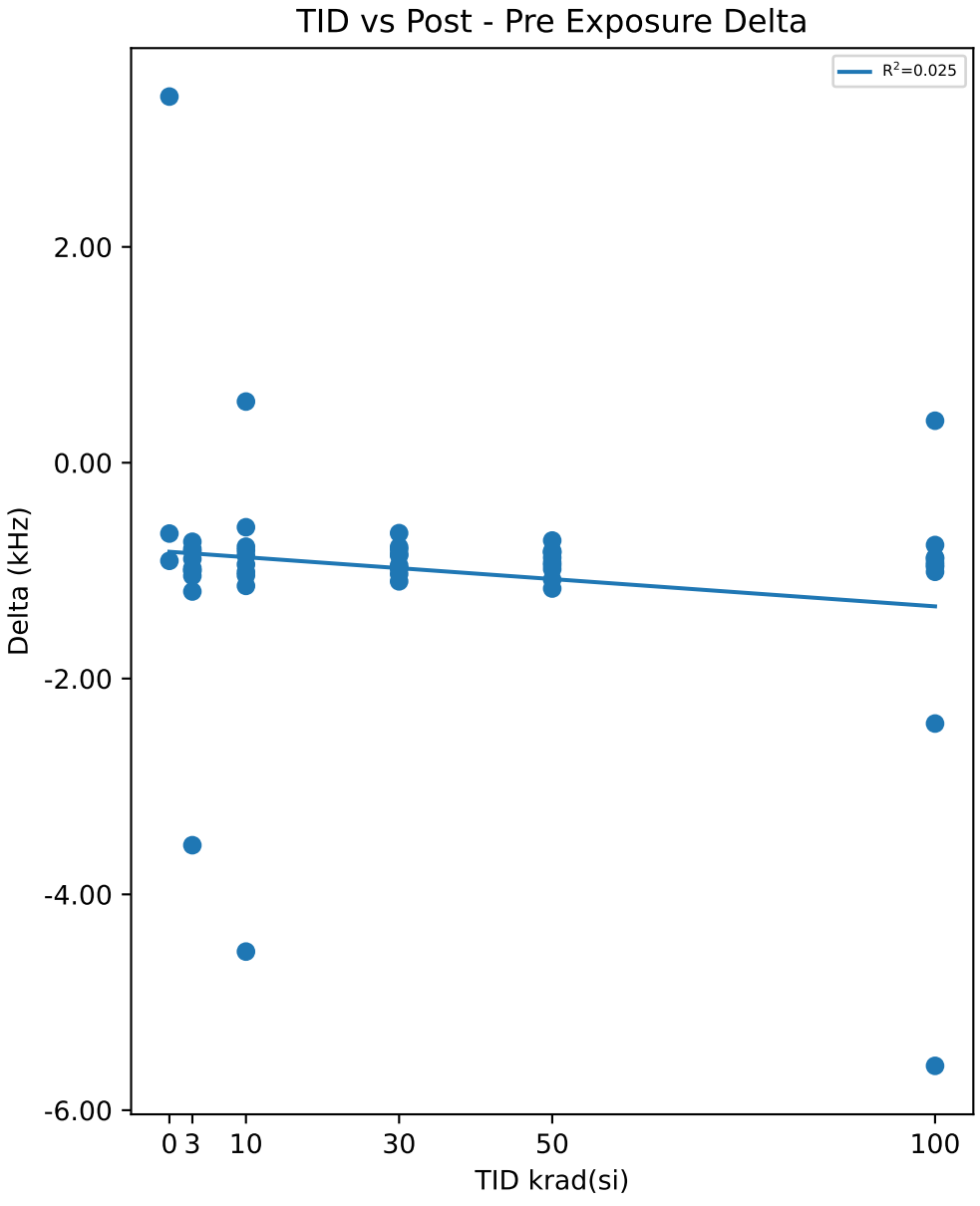
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.035	3.0325	-0.0025
2	3	HDR BIAS	2.9922	2.9924	0.0002
3	3	HDR BIAS	3.0338	3.0352	0.0014
4	3	HDR BIAS	3.035	3.0322	-0.0028
5	3	HDR BIAS	3.0347	2.9921	-0.0426
6	3	HDR UNBIAS	3.0338	3.0349	0.0011
7	3	HDR UNBIAS	3.035	3.0325	-0.0025
8	3	HDR UNBIAS	2.9922	2.9921	-0.0001
9	3	HDR UNBIAS	3.0338	3.0352	0.0014
10	3	HDR UNBIAS	3.0356	3.0325	-0.0031
11	10	HDR BIAS	2.9925	2.9921	-0.0004
12	10	HDR BIAS	3.0338	3.0352	0.0014
13	10	HDR BIAS	2.9928	2.9897	-0.0031
14	10	HDR BIAS	2.9922	2.9921	-0.0001
15	10	HDR BIAS	3.0338	2.9927	-0.0411
16	10	HDR UNBIAS	3.035	3.0322	-0.0028
17	10	HDR UNBIAS	3.035	3.0342	-0.0008
18	10	HDR UNBIAS	3.0338	3.0352	0.0014
19	10	HDR UNBIAS	3.035	3.0325	-0.0025
20	10	HDR UNBIAS	3.0347	2.9921	-0.0426
31	30	HDR BIAS	3.035	2.9897	-0.0453
32	30	HDR BIAS	3.0347	2.9917	-0.043
33	30	HDR BIAS	3.0335	3.0349	0.0014
34	30	HDR BIAS	3.0356	3.0325	-0.0031
35	30	HDR BIAS	3.0347	2.9927	-0.042
36	30	HDR UNBIAS	3.0338	2.9927	-0.0411
37	30	HDR UNBIAS	3.0353	2.9897	-0.0456
38	30	HDR UNBIAS	3.035	2.9924	-0.0426
39	30	HDR UNBIAS	3.0341	2.9927	-0.0414
40	30	HDR UNBIAS	3.0353	2.9897	-0.0456
41	50	HDR BIAS	3.0344	2.9921	-0.0423
42	50	HDR BIAS	3.0338	2.9924	-0.0414
43	50	HDR BIAS	3.035	2.9897	-0.0453
44	50	HDR BIAS	3.0347	2.9924	-0.0423
45	50	HDR BIAS	3.0338	2.9927	-0.0411
46	50	HDR UNBIAS	3.035	2.9897	-0.0453
47	50	HDR UNBIAS	3.0347	2.9921	-0.0426
48	50	HDR UNBIAS	3.0338	2.9924	-0.0414
49	50	HDR UNBIAS	3.035	2.9897	-0.0453
50	50	HDR UNBIAS	3.0347	2.9921	-0.0426
51	100	HDR BIAS	3.0338	2.9924	-0.0414
52	100	HDR BIAS	2.9925	2.9475	-0.045
53	100	HDR BIAS	3.035	2.9502	-0.0848
54	100	HDR BIAS	3.0338	2.9924	-0.0414
55	100	HDR BIAS	2.9922	2.9472	-0.045
56	100	HDR UNBIAS	3.0347	2.9921	-0.0426
57	100	HDR UNBIAS	3.0341	2.9927	-0.0414
58	100	HDR UNBIAS	3.035	2.9472	-0.0878
59	100	HDR UNBIAS	3.0347	2.9499	-0.0848
60	100	HDR UNBIAS	3.0338	2.9503	-0.0835
71	0	CORRELATION	3.0347	3.0325	-0.0022
72	0	CORRELATION	3.0338	3.0345	0.0007
73	0	CORRELATION	3.0353	3.0352	-0.0001

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	3.0338	3.0346	3.0353	0.00075498	3.0325	3.0341	3.0352	0.0014012	-0.0022	-0.00053333	0.0007	0.0014978
3	2.9922	3.0261	3.0356	0.017883	2.9921	3.0212	3.0352	0.020019	-0.0426	-0.00495	0.0014	0.013354
10	2.9922	3.0219	3.035	0.020267	2.9897	3.0128	3.0352	0.022234	-0.0426	-0.00906	0.0014	0.017358
30	3.0335	3.0347	3.0356	0.00069282	2.9897	2.9999	3.0349	0.017885	-0.0456	-0.03483	0.0014	0.018019
50	3.0338	3.0345	3.035	0.00051088	2.9897	2.9915	2.9927	0.0012763	-0.0453	-0.04296	-0.0411	0.0016959
100	2.9922	3.026	3.035	0.017721	2.9472	2.9662	2.9927	0.022588	-0.0878	-0.05977	-0.0414	0.021973

Device Test: 20.100 LEVEL|FREQ/SYNC/12/12/0/1000/5/1MHz//@FREQ_SYNC_EXT





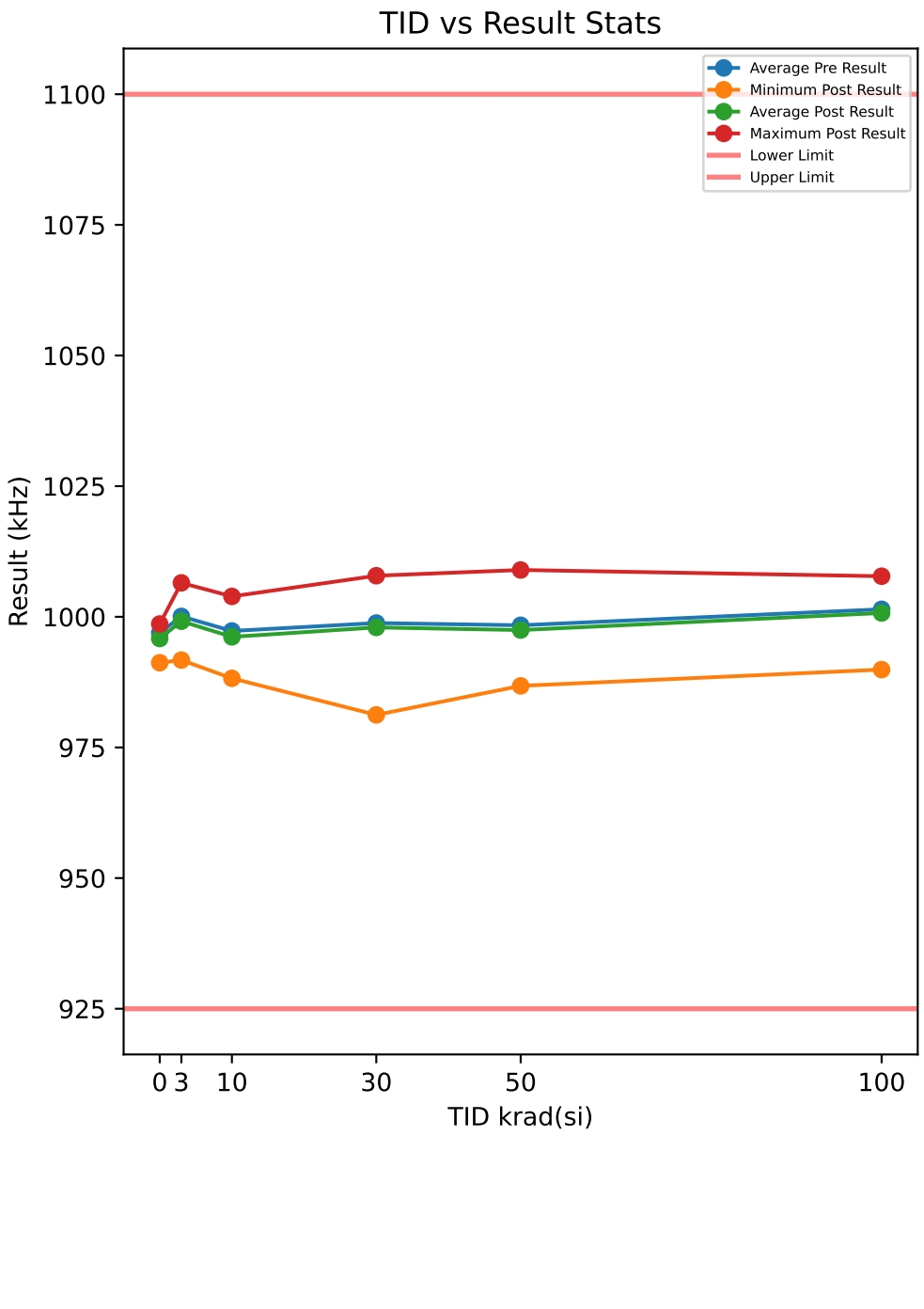
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

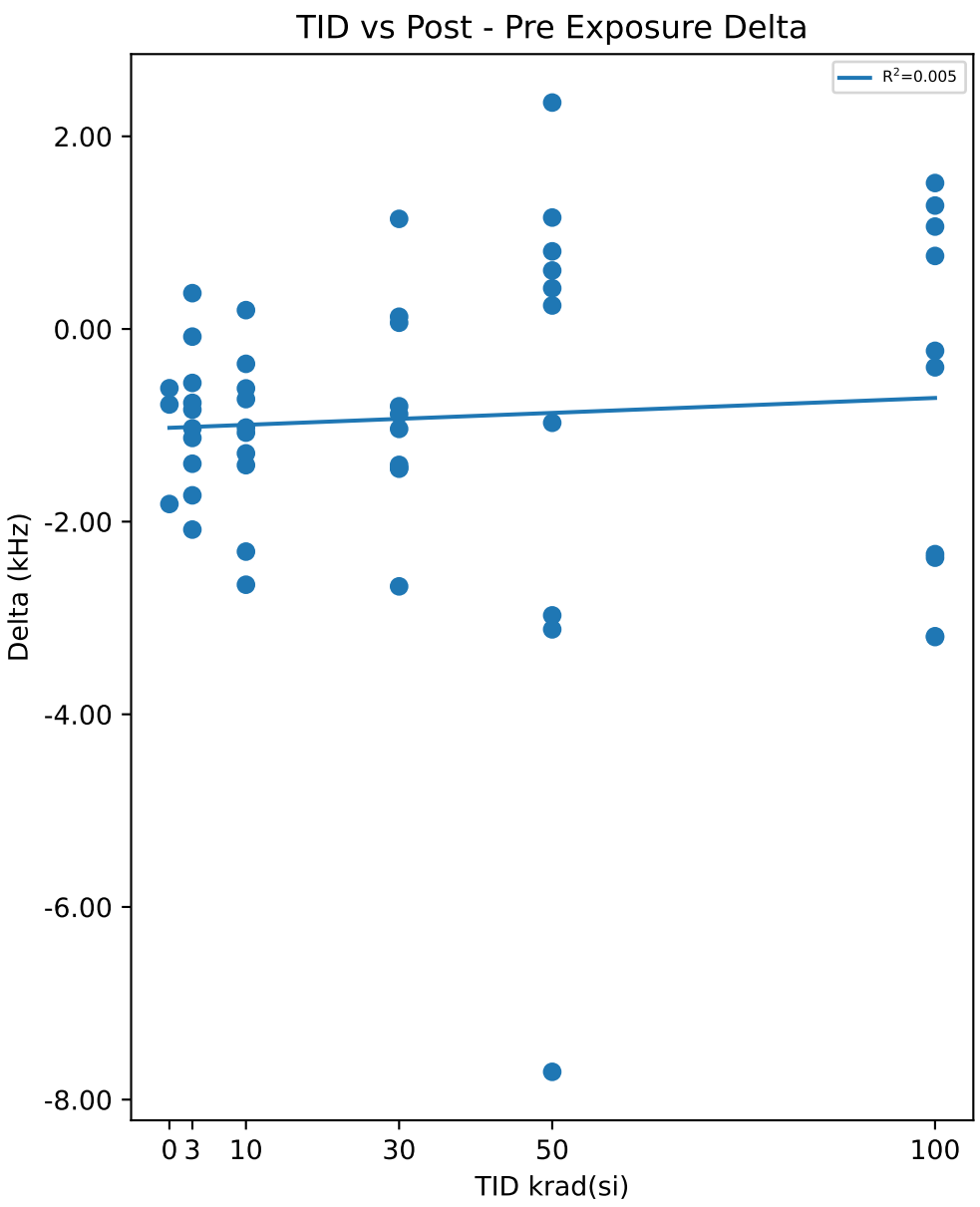
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000.2	999.22	-0.9967
2	3	HDR BIAS	1000.3	999.3	-1.0014
3	3	HDR BIAS	1000.2	999.36	-0.8208
4	3	HDR BIAS	1000.4	999.24	-1.1934
5	3	HDR BIAS	1000.3	999.24	-1.0482
6	3	HDR UNBIAS	1000.1	996.6	-3.5444
7	3	HDR UNBIAS	1000.2	999.43	-0.7984
8	3	HDR UNBIAS	1000.1	999.2	-0.8914
9	3	HDR UNBIAS	1000.4	999.38	-0.9766
10	3	HDR UNBIAS	1000.2	999.49	-0.7324
11	10	HDR BIAS	1000.2	999.19	-1.0435
12	10	HDR BIAS	1000.3	999.34	-0.9426
13	10	HDR BIAS	1000.2	995.63	-4.5302
14	10	HDR BIAS	998.68	999.25	0.5668
15	10	HDR BIAS	1000.5	999.35	-1.1412
16	10	HDR UNBIAS	1000.1	999.23	-0.861
17	10	HDR UNBIAS	1000.1	999.27	-0.8138
18	10	HDR UNBIAS	1000.3	999.49	-0.7779
19	10	HDR UNBIAS	999.97	999.37	-0.5979
20	10	HDR UNBIAS	1000.3	999.31	-1.0123
31	30	HDR BIAS	1000.2	999.26	-0.9791
32	30	HDR BIAS	1000.3	999.19	-1.0994
33	30	HDR BIAS	1000.3	999.32	-0.9755
34	30	HDR BIAS	1000.1	999.43	-0.6525
35	30	HDR BIAS	1000.2	999.38	-0.8583
36	30	HDR UNBIAS	1000.3	999.5	-0.8024
37	30	HDR UNBIAS	1000.2	999.4	-0.8474
38	30	HDR UNBIAS	1000.3	999.23	-1.0306
39	30	HDR UNBIAS	1000.3	999.39	-0.9503
40	30	HDR UNBIAS	1000.2	999.43	-0.7805
41	50	HDR BIAS	1000.3	999.11	-1.1659
42	50	HDR BIAS	1000.4	999.46	-0.9857
43	50	HDR BIAS	1000.2	999.26	-0.9492
44	50	HDR BIAS	1000.1	999.17	-0.9258
45	50	HDR BIAS	1000.2	999.48	-0.7208
46	50	HDR UNBIAS	1000.1	999.26	-0.8177
47	50	HDR UNBIAS	1000.1	999.26	-0.8273
48	50	HDR UNBIAS	1000.4	999.32	-1.083
49	50	HDR UNBIAS	1000.1	999.25	-0.8343
50	50	HDR UNBIAS	1000.1	999.23	-0.8795
51	100	HDR BIAS	1000.3	999.35	-0.9485
52	100	HDR BIAS	1000.1	999.26	-0.8884
53	100	HDR BIAS	1000.1	999.34	-0.7626
54	100	HDR BIAS	1000.4	999.38	-1.0108
55	100	HDR BIAS	1000.2	994.63	-5.5891
56	100	HDR UNBIAS	1000.3	999.31	-0.9649
57	100	HDR UNBIAS	1000.3	999.44	-0.8802
58	100	HDR UNBIAS	1000.1	997.71	-2.417
59	100	HDR UNBIAS	1000.3	999.39	-0.9239
60	100	HDR UNBIAS	998.98	999.37	0.3892
71	0	CORRELATION	1000	999.38	-0.6563
72	0	CORRELATION	1000.2	999.32	-0.9092
73	0	CORRELATION	995.97	999.36	3.393

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	995.97	998.75	1000.2	2.4045	999.32	999.35	999.38	0.033048	-0.9092	0.60917	3.393	2.4142
3	1000.1	1000.2	1000.4	0.10002	996.6	999.05	999.49	0.86444	-3.5444	-1.2004	-0.7324	0.83459
10	998.68	1000.1	1000.5	0.50601	995.63	998.94	999.49	1.1662	-4.5302	-1.1154	0.5668	1.2942
30	1000.1	1000.3	1000.3	0.07068	999.19	999.35	999.5	0.09942	-1.0994	-0.8976	-0.6525	0.13367
50	1000.1	1000.2	1000.4	0.13683	999.11	999.28	999.48	0.11597	-1.1659	-0.91892	-0.7208	0.13331
100	998.98	1000.1	1000.4	0.41178	994.63	998.72	999.44	1.5259	-5.5891	-1.3996	0.3892	1.6157

Device Test: 20.101 LEVEL|FREQ/RT/14/14/0/1000/5/1MHz//@FSW_EXT_RT_D





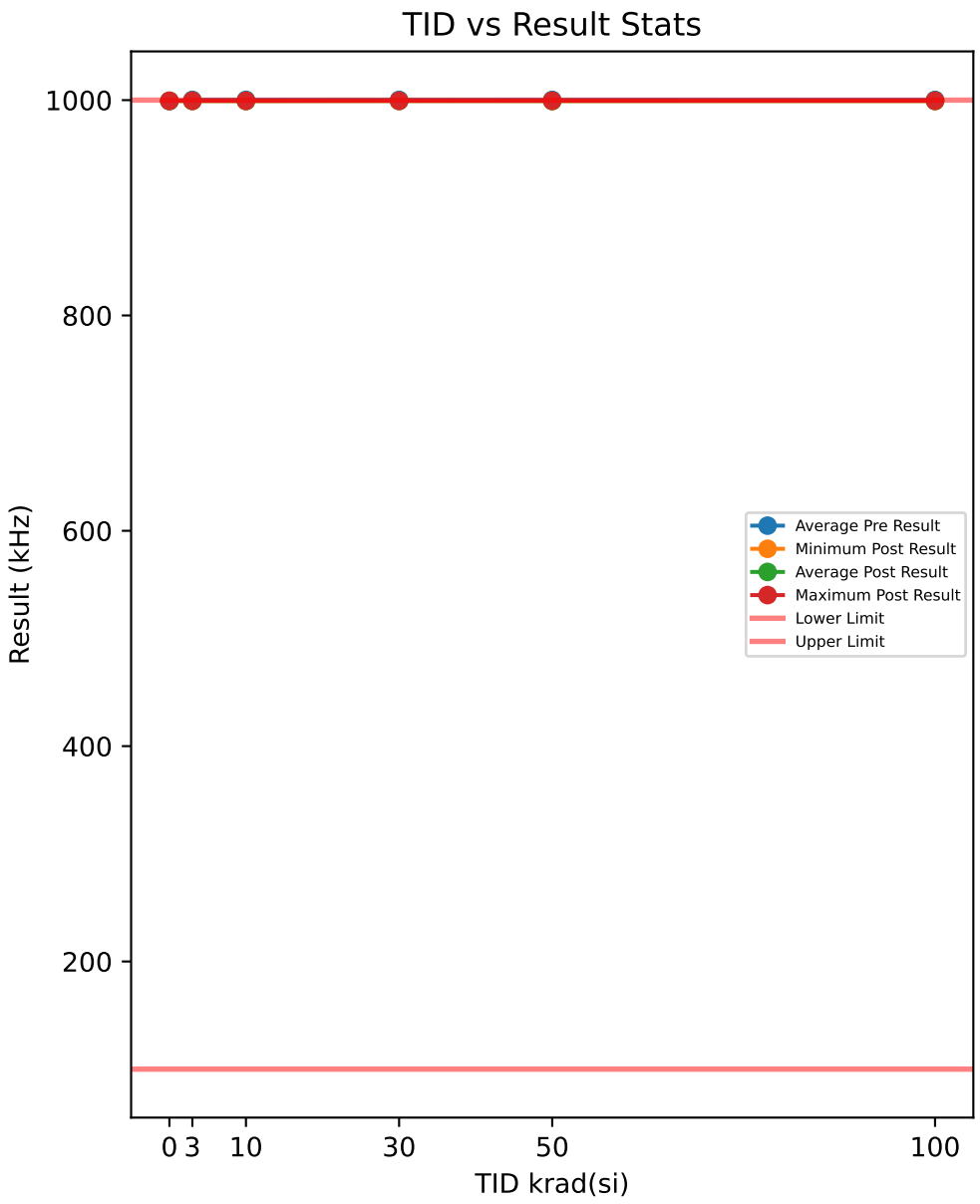
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

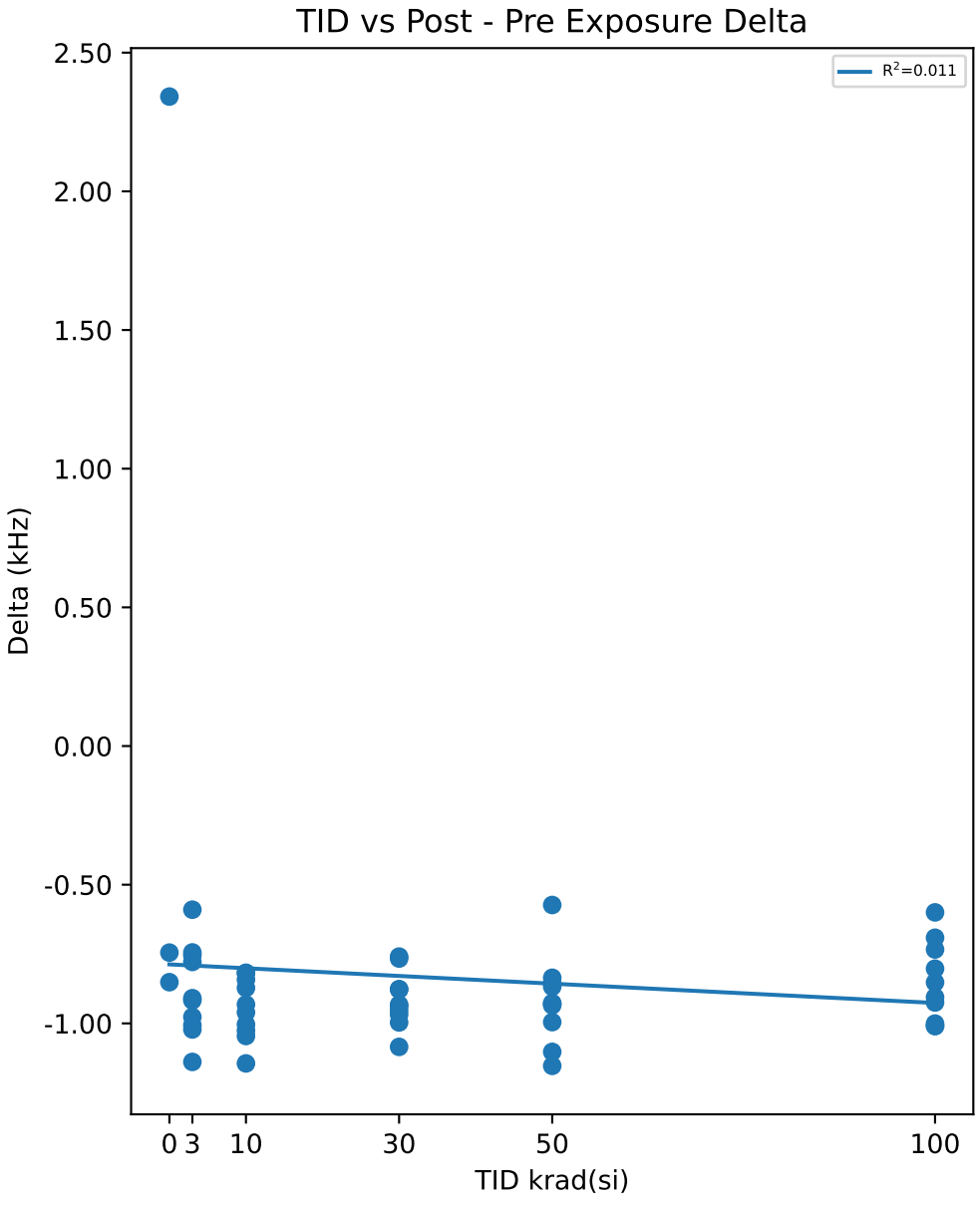
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	995.17	995.09	-0.0793
2	3	HDR BIAS	1007.3	1006.5	-0.8375
3	3	HDR BIAS	994.93	993.8	-1.1312
4	3	HDR BIAS	1001.9	1000.9	-1.0316
5	3	HDR BIAS	998.44	997.88	-0.5601
6	3	HDR UNBIAS	993.12	991.72	-1.3988
7	3	HDR UNBIAS	1006.2	1005.4	-0.7667
8	3	HDR UNBIAS	1001.3	1001.7	0.3718
9	3	HDR UNBIAS	1000.7	998.98	-1.727
10	3	HDR UNBIAS	1001.6	999.53	-2.0826
11	10	HDR BIAS	1001.1	1000.7	-0.3618
12	10	HDR BIAS	994.8	994.07	-0.7281
13	10	HDR BIAS	1002.3	1001.3	-1.0234
14	10	HDR BIAS	996.35	995.73	-0.617
15	10	HDR BIAS	993.4	991.09	-2.3109
16	10	HDR UNBIAS	988.03	988.23	0.1956
17	10	HDR UNBIAS	992.04	989.39	-2.6548
18	10	HDR UNBIAS	1000.6	999.22	-1.4138
19	10	HDR UNBIAS	1005	1003.9	-1.0762
20	10	HDR UNBIAS	999.3	998.01	-1.2913
31	30	HDR BIAS	993.09	994.23	1.1431
32	30	HDR BIAS	1007.8	1007.9	0.0649
33	30	HDR BIAS	997.01	995.98	-1.0373
34	30	HDR BIAS	982.68	981.23	-1.4409
35	30	HDR BIAS	1002.8	1000.1	-2.672
36	30	HDR UNBIAS	1004.1	1003.3	-0.8023
37	30	HDR UNBIAS	998.01	998.14	0.1271
38	30	HDR UNBIAS	997.07	995.62	-1.4504
39	30	HDR UNBIAS	1009.2	1007.8	-1.4107
40	30	HDR UNBIAS	996.2	995.32	-0.884
41	50	HDR BIAS	998.12	995.14	-2.9731
42	50	HDR BIAS	1000.4	997.32	-3.1182
43	50	HDR BIAS	989.04	989.85	0.8059
44	50	HDR BIAS	1002	1002.3	0.2439
45	50	HDR BIAS	992.17	992.59	0.4228
46	50	HDR UNBIAS	1000.1	1000.7	0.6071
47	50	HDR UNBIAS	1000.8	999.82	-0.9738
48	50	HDR UNBIAS	994.49	986.78	-7.7117
49	50	HDR UNBIAS	1000	1001.2	1.1567
50	50	HDR UNBIAS	1006.6	1009	2.3505
51	100	HDR BIAS	992.24	989.9	-2.3375
52	100	HDR BIAS	992.28	991.89	-0.3983
53	100	HDR BIAS	991.98	993.05	1.063
54	100	HDR BIAS	1006.4	1007.2	0.7581
55	100	HDR BIAS	1003.6	1000.5	-3.1896
56	100	HDR UNBIAS	1004	1005.3	1.2813
57	100	HDR UNBIAS	1000.4	1001.9	1.5151
58	100	HDR UNBIAS	1003	1002.8	-0.2268
59	100	HDR UNBIAS	1010.1	1007.8	-2.3742
60	100	HDR UNBIAS	1010.3	1007.1	-3.198
71	0	CORRELATION	992	991.21	-0.784
72	0	CORRELATION	999.51	997.69	-1.8171
73	0	CORRELATION	999.24	998.63	-0.6151

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	992	996.92	999.51	4.2612	991.21	995.84	998.63	4.037	-1.8171	-1.0721	-0.6151	0.65072
3	993.12	1000.1	1007.3	4.7093	991.72	999.15	1006.5	4.7747	-2.0826	-0.9243	0.3718	0.73215
10	988.03	997.29	1005	5.2609	988.23	996.16	1003.9	5.3597	-2.6548	-1.1282	0.1956	0.85715
30	982.68	998.8	1009.2	7.7462	981.23	997.97	1007.9	7.7355	-2.672	-0.83625	1.1431	1.0617
50	989.04	998.38	1006.6	5.1383	986.78	997.46	1009	6.5515	-7.7117	-0.91899	2.3505	2.9563
100	991.98	1001.4	1010.3	7.088	989.9	1000.7	1007.8	6.7702	-3.198	-0.71069	1.5151	1.8945

Device Test: 20.102 LEVEL|FREQ/SYNC/14/14/0/1000/5/1MHz//@FREQ_SYNC_EXT





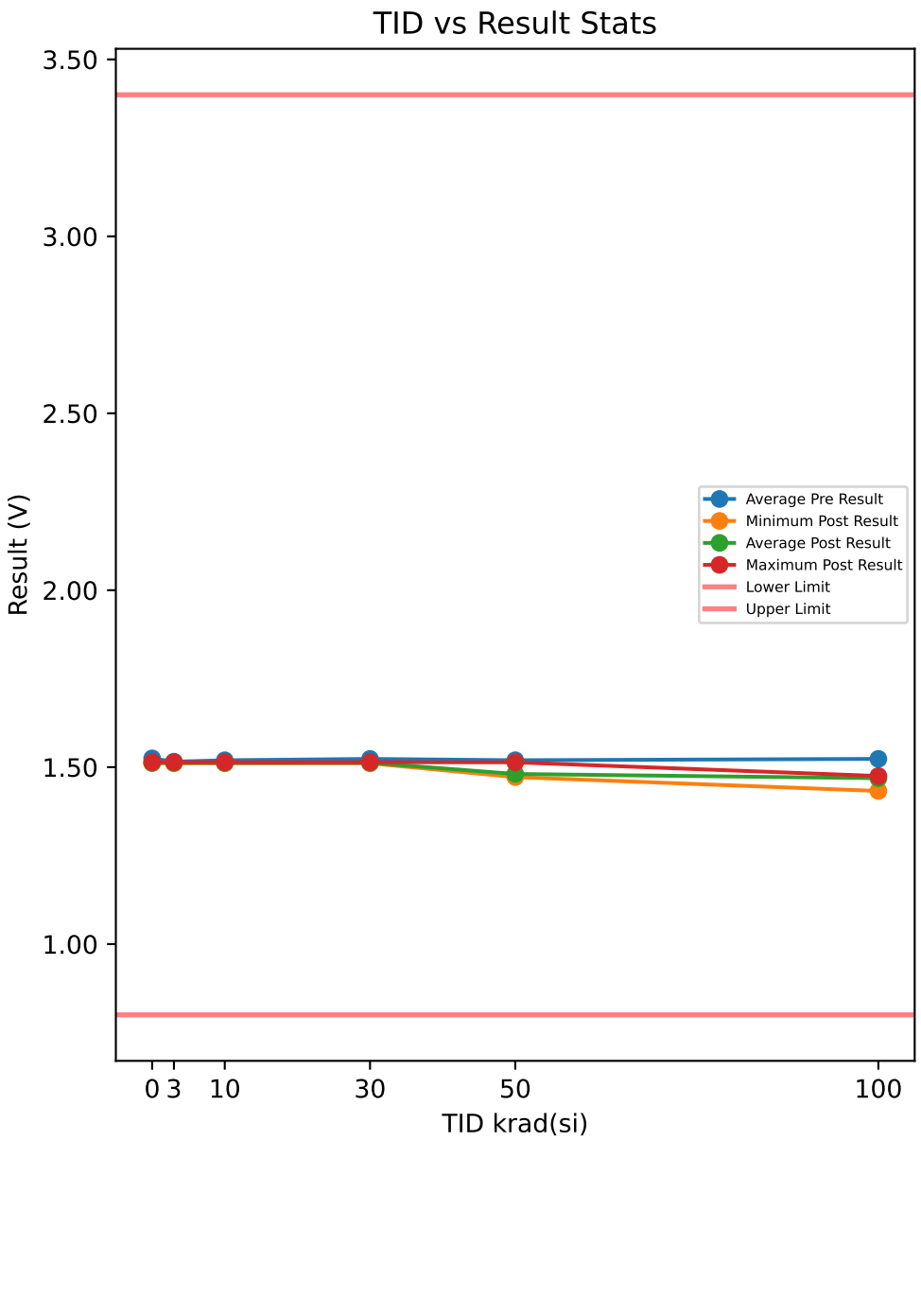
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

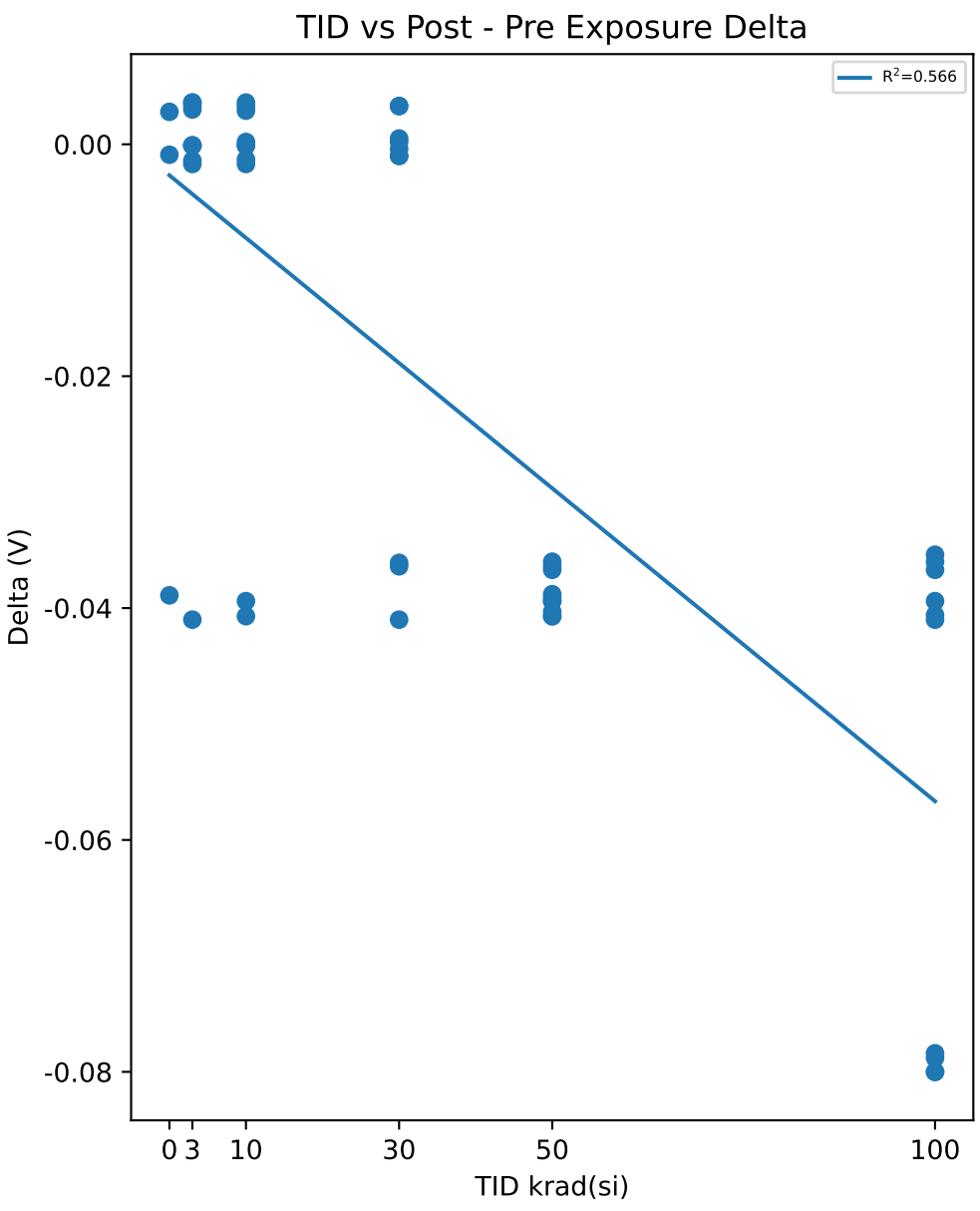
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000	999.29	-0.7547
2	3	HDR BIAS	1000.1	999.2	-0.9091
3	3	HDR BIAS	1000.3	999.34	-0.9768
4	3	HDR BIAS	1000.1	999.35	-0.7442
5	3	HDR BIAS	1000.3	999.3	-1.0219
6	3	HDR UNBIAS	1000.4	999.37	-1.0063
7	3	HDR UNBIAS	1000	999.44	-0.5901
8	3	HDR UNBIAS	1000.3	999.18	-1.1389
9	3	HDR UNBIAS	1000.2	999.45	-0.7785
10	3	HDR UNBIAS	1000.2	999.28	-0.917
11	10	HDR BIAS	1000.2	999.24	-0.9603
12	10	HDR BIAS	1000.4	999.37	-1.0455
13	10	HDR BIAS	1000.2	999.38	-0.8422
14	10	HDR BIAS	1000.2	999.16	-1.0256
15	10	HDR BIAS	1000.3	999.4	-0.9317
16	10	HDR UNBIAS	1000.2	999.39	-0.8177
17	10	HDR UNBIAS	1000.3	999.12	-1.1443
18	10	HDR UNBIAS	1000.3	999.33	-1.0037
19	10	HDR UNBIAS	1000.1	999.22	-0.8721
20	10	HDR UNBIAS	1000.1	999.3	-0.8182
31	30	HDR BIAS	1000.2	999.4	-0.7592
32	30	HDR BIAS	1000.3	999.27	-0.9966
33	30	HDR BIAS	1000.4	999.31	-1.0847
34	30	HDR BIAS	1000.2	999.23	-0.9381
35	30	HDR BIAS	1000.2	999.29	-0.9527
36	30	HDR UNBIAS	1000.1	999.38	-0.7662
37	30	HDR UNBIAS	1000.1	999.26	-0.8765
38	30	HDR UNBIAS	1000.2	999.31	-0.9323
39	30	HDR UNBIAS	1000.3	999.34	-0.968
40	30	HDR UNBIAS	1000.2	999.36	-0.8777
41	50	HDR BIAS	1000.3	999.12	-1.1531
42	50	HDR BIAS	1000.2	999.3	-0.9347
43	50	HDR BIAS	1000.2	999.24	-0.9292
44	50	HDR BIAS	1000.2	999.13	-1.1027
45	50	HDR BIAS	1000.3	999.48	-0.8675
46	50	HDR UNBIAS	1000.2	999.19	-0.9954
47	50	HDR UNBIAS	1000.1	999.27	-0.8553
48	50	HDR UNBIAS	1000.3	999.34	-0.9265
49	50	HDR UNBIAS	999.98	999.41	-0.5731
50	50	HDR UNBIAS	1000.1	999.31	-0.8355
51	100	HDR BIAS	1000.1	999.48	-0.5998
52	100	HDR BIAS	1000.2	999.22	-1.0007
53	100	HDR BIAS	1000.1	999.12	-1.0098
54	100	HDR BIAS	1000.2	999.31	-0.9247
55	100	HDR BIAS	1000.2	999.46	-0.7335
56	100	HDR UNBIAS	1000.1	999.27	-0.8523
57	100	HDR UNBIAS	1000.4	999.48	-0.9056
58	100	HDR UNBIAS	1000.1	999.37	-0.6912
59	100	HDR UNBIAS	1000.1	999.12	-1.0087
60	100	HDR UNBIAS	1000.3	999.49	-0.8027
71	0	CORRELATION	997.03	999.38	2.3416
72	0	CORRELATION	1000.1	999.28	-0.8514
73	0	CORRELATION	1000.1	999.31	-0.7448

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	997.03	999.07	1000.1	1.7661	999.28	999.32	999.38	0.050759	-0.8514	0.24847	2.3416	1.8135
3	1000	1000.2	1000.4	0.12612	999.18	999.32	999.45	0.089333	-1.1389	-0.88375	-0.5901	0.16433
10	1000.1	1000.2	1000.4	0.10003	999.12	999.29	999.4	0.099149	-1.1443	-0.94613	-0.8177	0.10971
30	1000.1	1000.2	1000.4	0.079589	999.23	999.32	999.4	0.054176	-1.0847	-0.9152	-0.7592	0.099893
50	999.98	1000.2	1000.3	0.10104	999.12	999.28	999.48	0.11332	-1.1531	-0.9173	-0.5731	0.1592
100	1000.1	1000.2	1000.4	0.10188	999.12	999.33	999.49	0.14661	-1.0098	-0.8529	-0.5998	0.14362

Device Test: 20.11 LEVEL|LOW_LEVEL/SYNC/6/6/0/0/5.5/500kHz//@SYNC_VIL_TH_HIGH_5P5





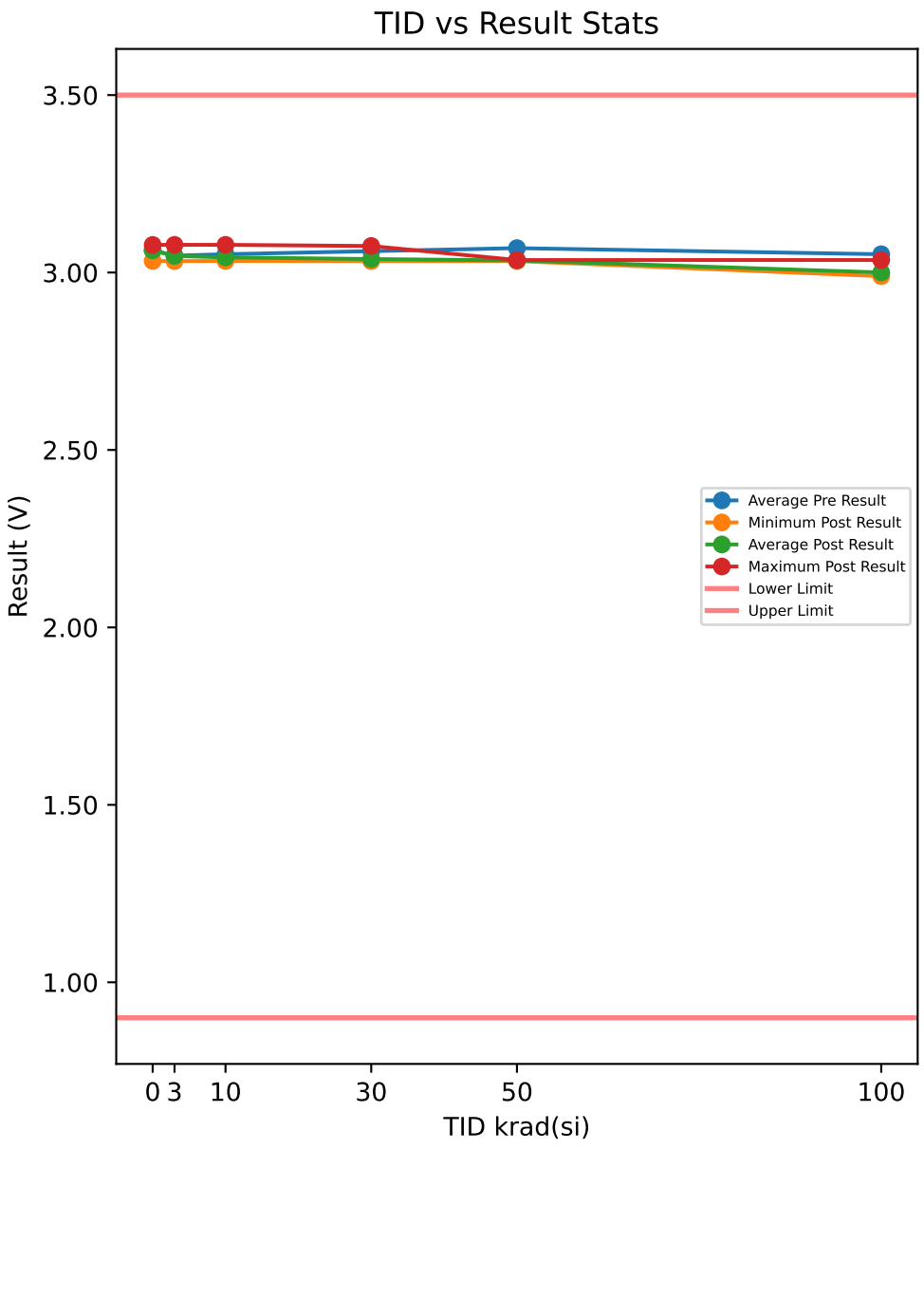
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

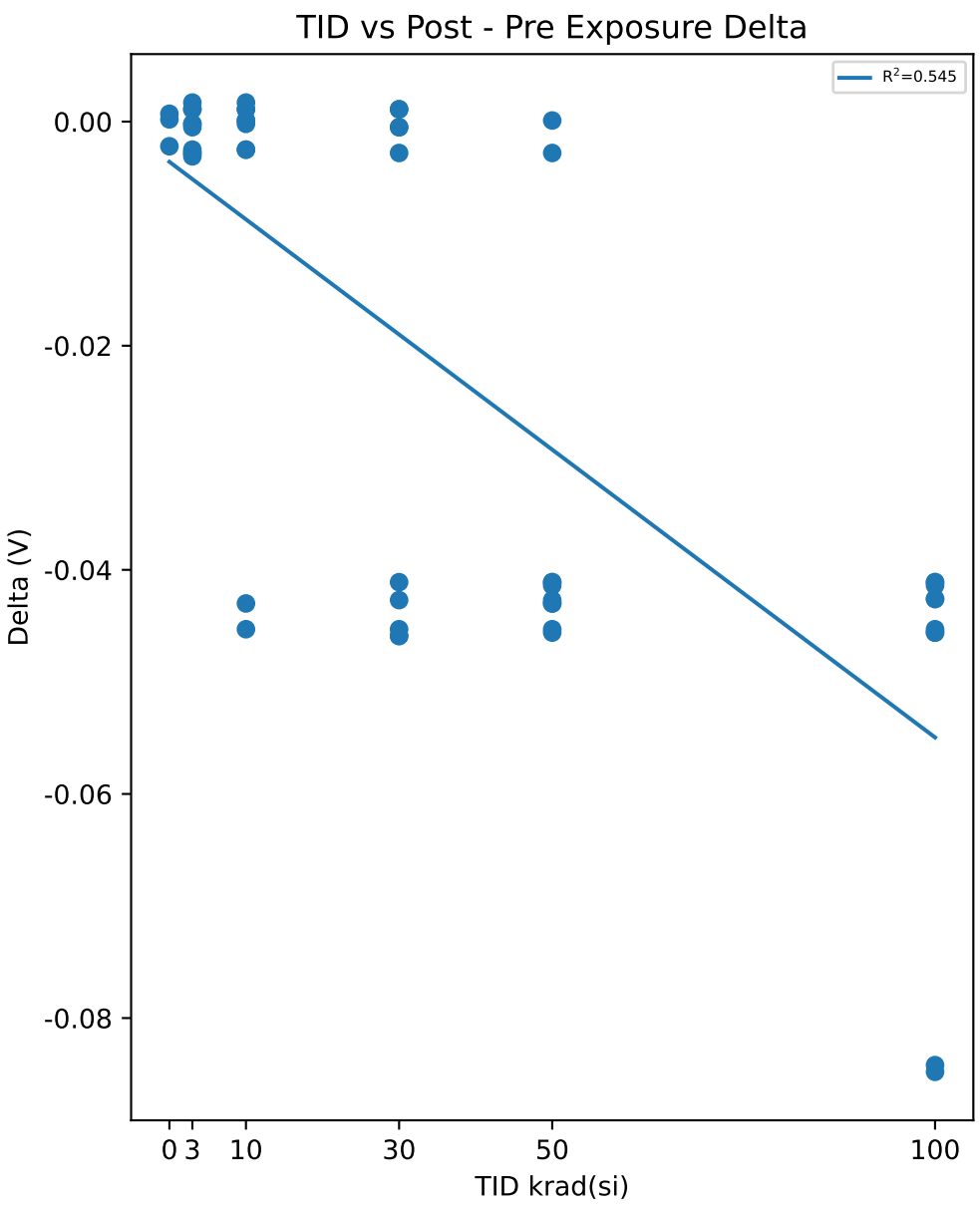
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.5104	1.514	0.0036
2	3	HDR BIAS	1.5115	1.5114	-0.0001
3	3	HDR BIAS	1.5519	1.5109	-0.041
4	3	HDR BIAS	1.5107	1.5137	0.003
5	3	HDR BIAS	1.5115	1.5114	-0.0001
6	3	HDR UNBIAS	1.5126	1.5109	-0.0017
7	3	HDR UNBIAS	1.5104	1.514	0.0036
8	3	HDR UNBIAS	1.5118	1.5117	-0.0001
9	3	HDR UNBIAS	1.5126	1.5112	-0.0014
10	3	HDR UNBIAS	1.5107	1.514	0.0033
11	10	HDR BIAS	1.5115	1.5114	-0.0001
12	10	HDR BIAS	1.5126	1.5109	-0.0017
13	10	HDR BIAS	1.5104	1.514	0.0036
14	10	HDR BIAS	1.5115	1.5114	-0.0001
15	10	HDR BIAS	1.5122	1.5109	-0.0013
16	10	HDR UNBIAS	1.5111	1.514	0.0029
17	10	HDR UNBIAS	1.5508	1.5114	-0.0394
18	10	HDR UNBIAS	1.5519	1.5112	-0.0407
19	10	HDR UNBIAS	1.5107	1.514	0.0033
20	10	HDR UNBIAS	1.5115	1.5117	0.0002
31	30	HDR BIAS	1.5107	1.514	0.0033
32	30	HDR BIAS	1.5115	1.5117	0.0002
33	30	HDR BIAS	1.5122	1.5112	-0.001
34	30	HDR BIAS	1.5501	1.514	-0.0361
35	30	HDR BIAS	1.5115	1.5111	-0.0004
36	30	HDR UNBIAS	1.5519	1.5109	-0.041
37	30	HDR UNBIAS	1.5501	1.5137	-0.0364
38	30	HDR UNBIAS	1.5115	1.512	0.0005
39	30	HDR UNBIAS	1.5122	1.5112	-0.001
40	30	HDR UNBIAS	1.5107	1.514	0.0033
41	50	HDR BIAS	1.5508	1.5114	-0.0394
42	50	HDR BIAS	1.5122	1.4719	-0.0403
43	50	HDR BIAS	1.5504	1.5137	-0.0367
44	50	HDR BIAS	1.5112	1.4724	-0.0388
45	50	HDR BIAS	1.5126	1.4719	-0.0407
46	50	HDR UNBIAS	1.5107	1.4747	-0.036
47	50	HDR UNBIAS	1.5118	1.4727	-0.0391
48	50	HDR UNBIAS	1.5126	1.4719	-0.0407
49	50	HDR UNBIAS	1.5111	1.4747	-0.0364
50	50	HDR UNBIAS	1.5115	1.4721	-0.0394
51	100	HDR BIAS	1.5516	1.4716	-0.08
52	100	HDR BIAS	1.5104	1.475	-0.0354
53	100	HDR BIAS	1.5115	1.4327	-0.0788
54	100	HDR BIAS	1.5122	1.4716	-0.0406
55	100	HDR BIAS	1.5111	1.4744	-0.0367
56	100	HDR UNBIAS	1.5115	1.4721	-0.0394
57	100	HDR UNBIAS	1.5126	1.4716	-0.041
58	100	HDR UNBIAS	1.5107	1.4747	-0.036
59	100	HDR UNBIAS	1.5505	1.4721	-0.0784
60	100	HDR UNBIAS	1.5516	1.4716	-0.08
71	0	CORRELATION	1.5115	1.5143	0.0028
72	0	CORRELATION	1.5126	1.5117	-0.0009
73	0	CORRELATION	1.5501	1.5112	-0.0389

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	1.5115	1.5247	1.5501	0.021975	1.5112	1.5124	1.5143	0.0016643	-0.0389	-0.012333	0.0028	0.023082
3	1.5104	1.5154	1.5519	0.012847	1.5109	1.5123	1.514	0.0014038	-0.041	-0.00309	0.0036	0.013483
10	1.5104	1.5194	1.5519	0.016843	1.5109	1.5121	1.514	0.0013395	-0.0407	-0.00733	0.0036	0.017348
30	1.5107	1.5232	1.5519	0.018962	1.5109	1.5124	1.514	0.0013677	-0.041	-0.01086	0.0033	0.01872
50	1.5107	1.5195	1.5508	0.016409	1.4719	1.4807	1.5137	0.016808	-0.0407	-0.03875	-0.036	0.0017722
100	1.5104	1.5234	1.5516	0.01924	1.4327	1.4687	1.475	0.012741	-0.08	-0.05463	-0.0354	0.021316

Device Test: 20.12 LEVEL|HIGH_LEVEL/SYNC/6/6/0/0/5.5/500kHz//@SYNC_VIH_TH_HIGH_5P5





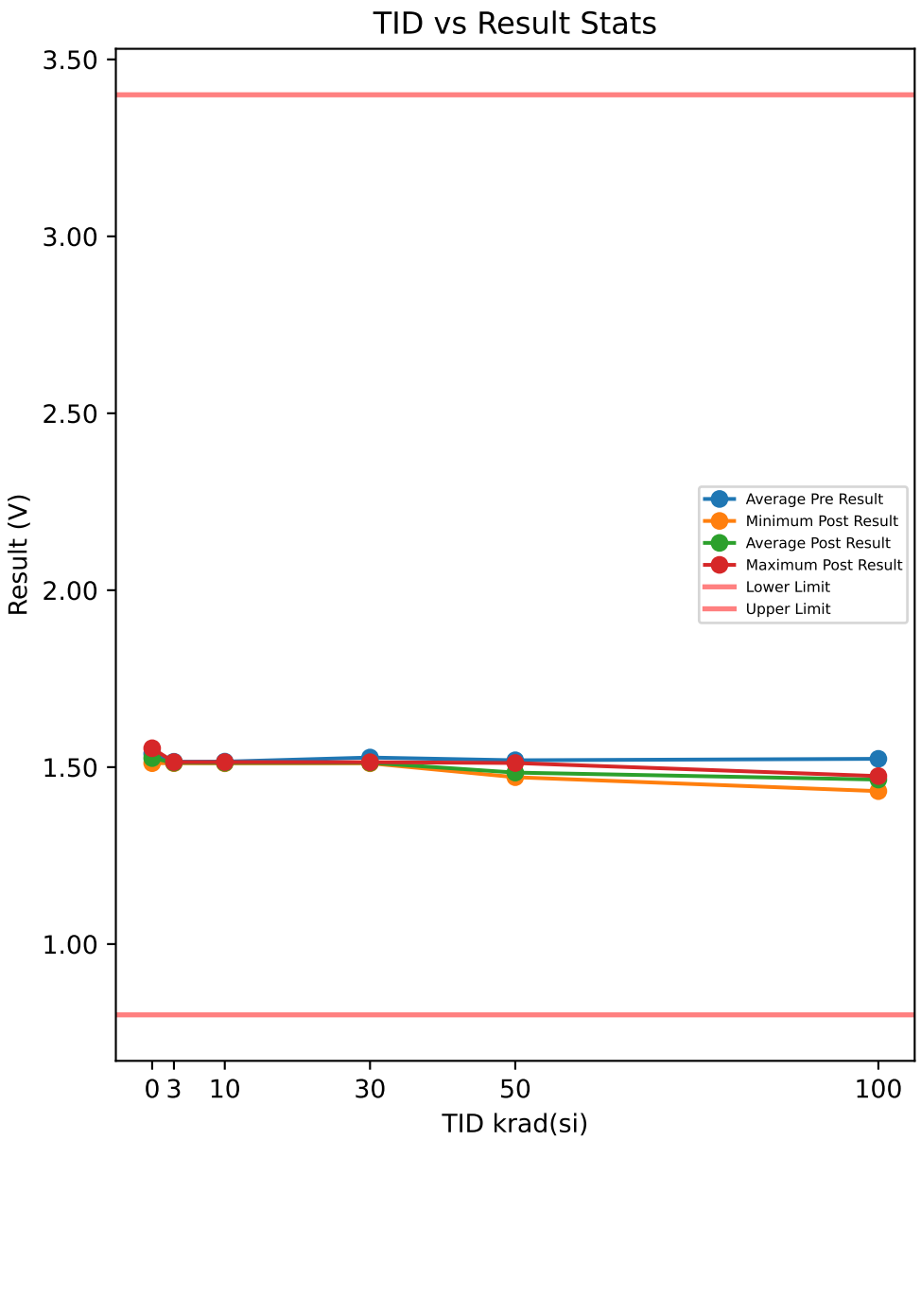
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

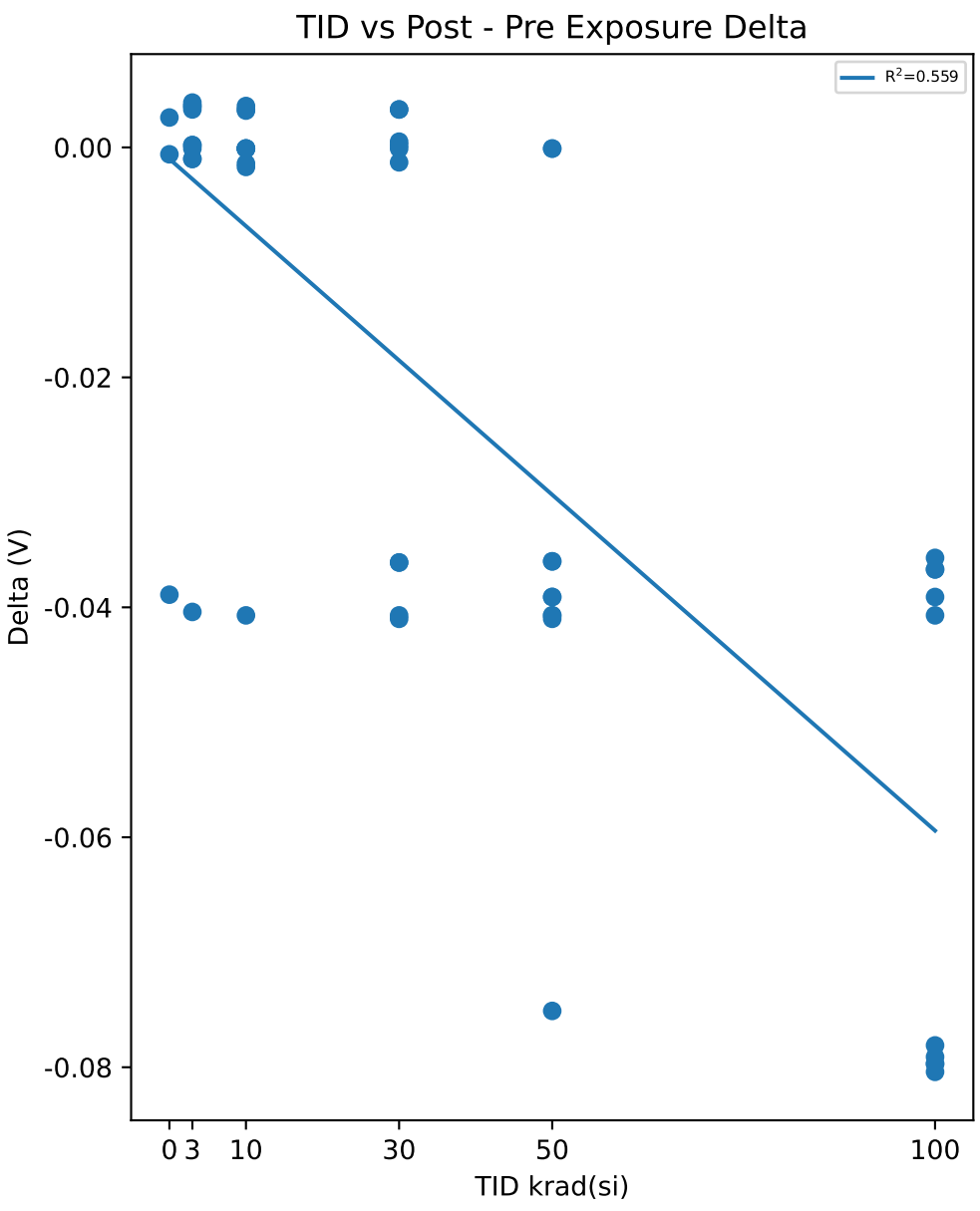
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.035	3.0325	-0.0025
2	3	HDR BIAS	3.0347	3.0345	-0.0002
3	3	HDR BIAS	3.0766	3.0777	0.0011
4	3	HDR BIAS	3.0781	3.0753	-0.0028
5	3	HDR BIAS	3.0347	3.0345	-0.0002
6	3	HDR UNBIAS	3.0338	3.0349	0.0011
7	3	HDR UNBIAS	3.035	3.0322	-0.0028
8	3	HDR UNBIAS	3.0347	3.0342	-0.0005
9	3	HDR UNBIAS	3.0763	3.078	0.0017
10	3	HDR UNBIAS	3.0353	3.0322	-0.0031
11	10	HDR BIAS	3.0344	3.0345	0.0001
12	10	HDR BIAS	3.0338	3.0349	0.0011
13	10	HDR BIAS	3.035	3.0325	-0.0025
14	10	HDR BIAS	3.0347	3.0348	0.0001
15	10	HDR BIAS	3.0338	3.0349	0.0011
16	10	HDR UNBIAS	3.0775	3.075	-0.0025
17	10	HDR UNBIAS	3.0775	3.0345	-0.043
18	10	HDR UNBIAS	3.0763	3.078	0.0017
19	10	HDR UNBIAS	3.0778	3.0325	-0.0453
20	10	HDR UNBIAS	3.0347	3.0345	-0.0002
31	30	HDR BIAS	3.0781	3.0322	-0.0459
32	30	HDR BIAS	3.0775	3.0348	-0.0427
33	30	HDR BIAS	3.0763	3.0352	-0.0411
34	30	HDR BIAS	3.0778	3.0325	-0.0453
35	30	HDR BIAS	3.0347	3.0342	-0.0005
36	30	HDR UNBIAS	3.0338	3.0349	0.0011
37	30	HDR UNBIAS	3.0775	3.0747	-0.0028
38	30	HDR UNBIAS	3.0347	3.0342	-0.0005
39	30	HDR UNBIAS	3.0338	3.0349	0.0011
40	30	HDR UNBIAS	3.0781	3.0322	-0.0459
41	50	HDR BIAS	3.0772	3.0345	-0.0427
42	50	HDR BIAS	3.0763	3.0352	-0.0411
43	50	HDR BIAS	3.0778	3.0325	-0.0453
44	50	HDR BIAS	3.0347	3.0348	0.0001
45	50	HDR BIAS	3.0763	3.0352	-0.0411
46	50	HDR UNBIAS	3.035	3.0322	-0.0028
47	50	HDR UNBIAS	3.0775	3.0345	-0.043
48	50	HDR UNBIAS	3.0763	3.0349	-0.0414
49	50	HDR UNBIAS	3.0781	3.0325	-0.0456
50	50	HDR UNBIAS	3.0775	3.0345	-0.043
51	100	HDR BIAS	3.0763	3.0349	-0.0414
52	100	HDR BIAS	3.0353	2.9897	-0.0456
53	100	HDR BIAS	3.0347	2.9921	-0.0426
54	100	HDR BIAS	3.0766	2.9924	-0.0842
55	100	HDR BIAS	3.035	2.9897	-0.0453
56	100	HDR UNBIAS	3.0347	2.9921	-0.0426
57	100	HDR UNBIAS	3.0338	2.9927	-0.0411
58	100	HDR UNBIAS	3.0353	2.9897	-0.0456
59	100	HDR UNBIAS	3.0772	2.9924	-0.0848
60	100	HDR UNBIAS	3.0763	3.0352	-0.0411
71	0	CORRELATION	3.0347	3.0325	-0.0022
72	0	CORRELATION	3.0763	3.077	0.0007
73	0	CORRELATION	3.0775	3.0777	0.0002

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	3.0347	3.0628	3.0775	0.024372	3.0325	3.0624	3.0777	0.025897	-0.0022	-0.00043333	0.0007	0.0015503
3	3.0338	3.0474	3.0781	0.020421	3.0322	3.0466	3.078	0.021013	-0.0031	-0.00082	0.0017	0.0018396
10	3.0338	3.0515	3.0778	0.022147	3.0325	3.0426	3.078	0.017898	-0.0453	-0.00894	0.0017	0.018618
30	3.0338	3.0602	3.0781	0.022368	3.0322	3.038	3.0747	0.012955	-0.0459	-0.02225	0.0011	0.023186
50	3.0347	3.0687	3.0781	0.017836	3.0322	3.0341	3.0352	0.0011905	-0.0456	-0.03459	0.0001	0.017601
100	3.0338	3.0515	3.0772	0.021591	2.9897	3.0001	3.0352	0.018466	-0.0848	-0.05143	-0.0411	0.017521

Device Test: 20.13 LEVEL|LOW_LEVEL/SYNC/12/12/0/0/5.5/500kHz//@SYNC_VIL_TH_HIGH_5P5





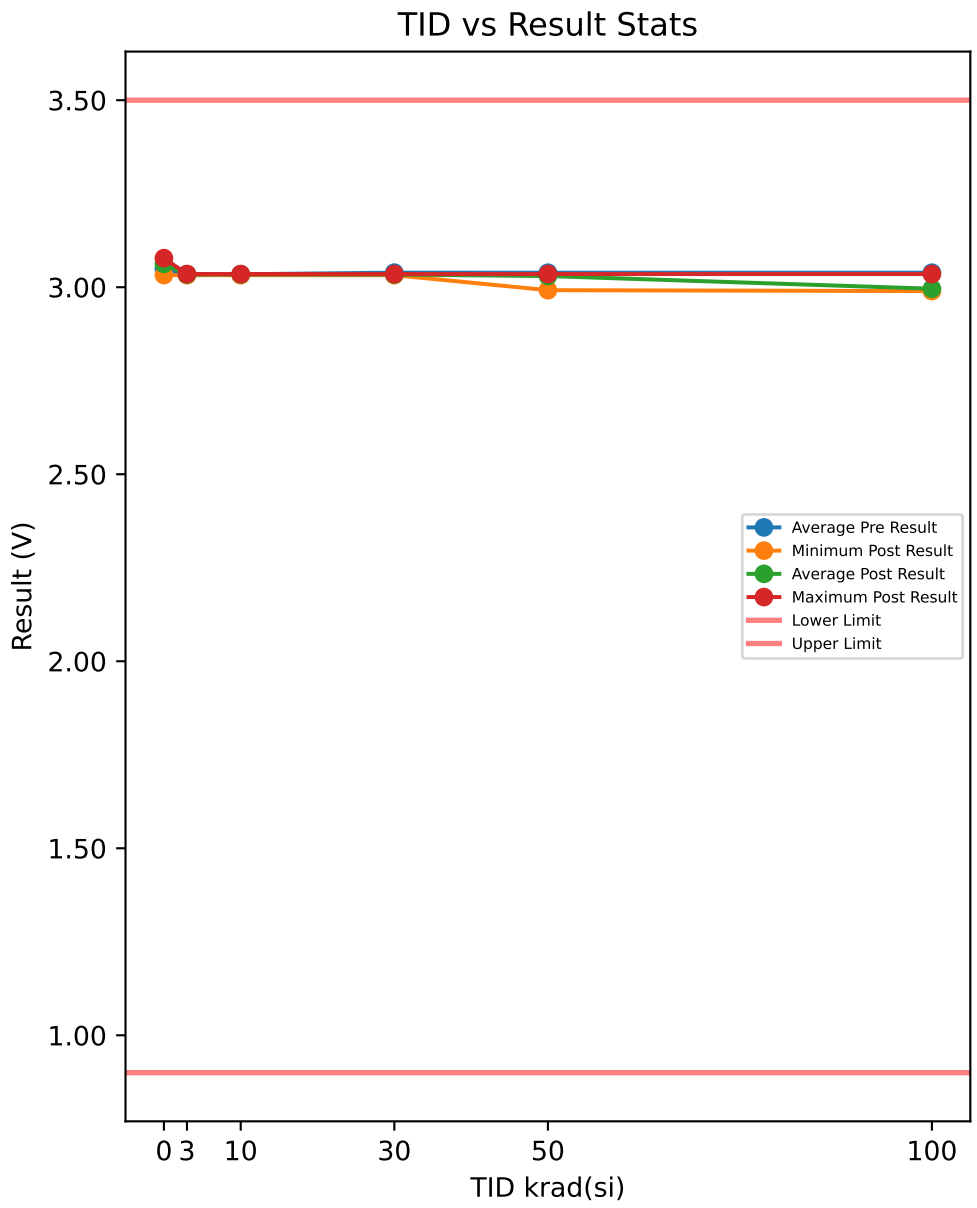
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

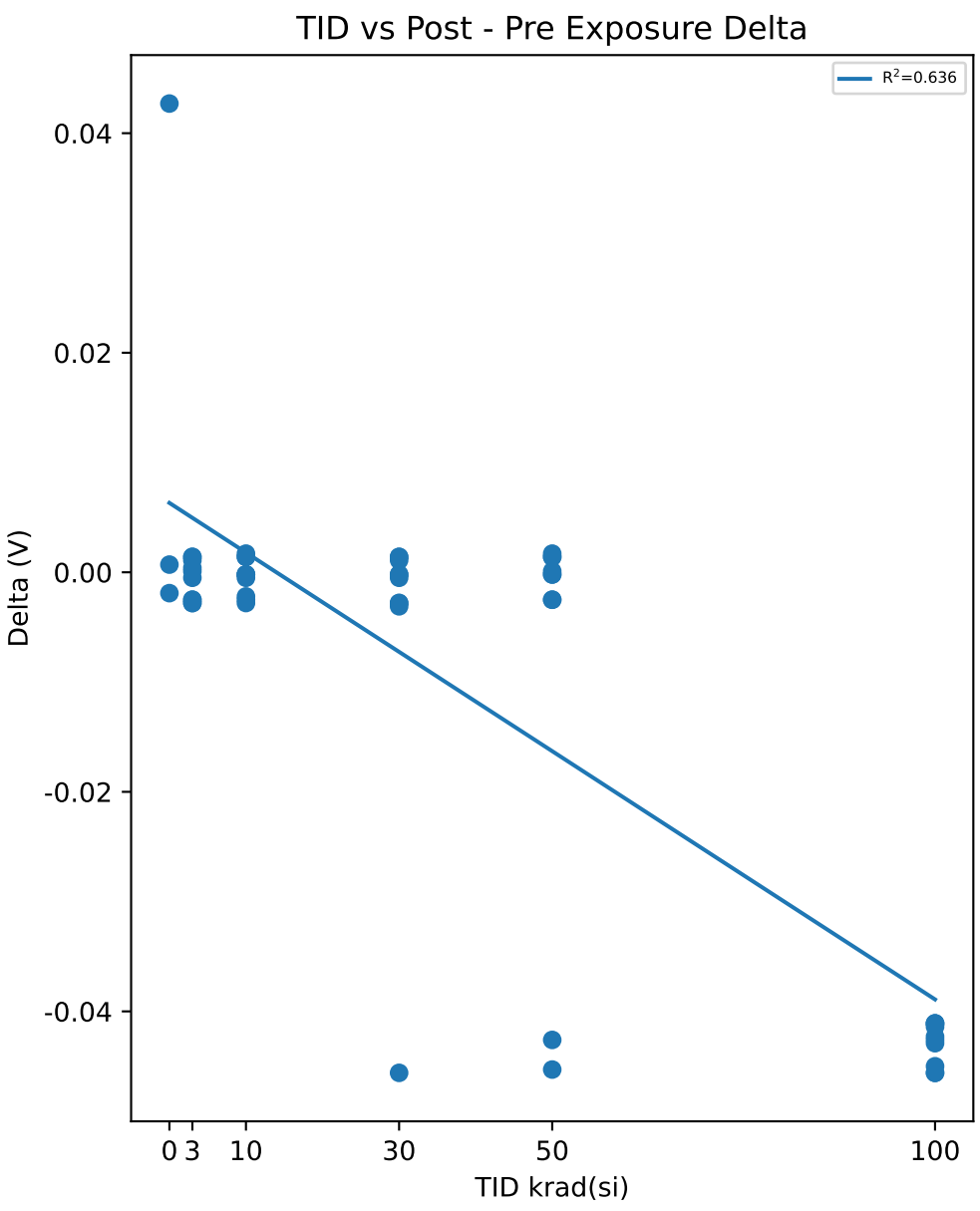
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.5104	1.514	0.0036
2	3	HDR BIAS	1.5115	1.5114	-0.0001
3	3	HDR BIAS	1.5516	1.5112	-0.0404
4	3	HDR BIAS	1.5104	1.5143	0.0039
5	3	HDR BIAS	1.5115	1.5117	0.0002
6	3	HDR UNBIAS	1.5122	1.5112	-0.001
7	3	HDR UNBIAS	1.5104	1.514	0.0036
8	3	HDR UNBIAS	1.5115	1.5117	0.0002
9	3	HDR UNBIAS	1.5122	1.5112	-0.001
10	3	HDR UNBIAS	1.5107	1.514	0.0033
11	10	HDR BIAS	1.5118	1.5117	-0.0001
12	10	HDR BIAS	1.5126	1.5112	-0.0014
13	10	HDR BIAS	1.5104	1.514	0.0036
14	10	HDR BIAS	1.5118	1.5117	-0.0001
15	10	HDR BIAS	1.5126	1.5109	-0.0017
16	10	HDR UNBIAS	1.5111	1.5143	0.0032
17	10	HDR UNBIAS	1.5115	1.5114	-0.0001
18	10	HDR UNBIAS	1.5519	1.5112	-0.0407
19	10	HDR UNBIAS	1.5107	1.514	0.0033
20	10	HDR UNBIAS	1.5115	1.5114	-0.0001
31	30	HDR BIAS	1.5107	1.514	0.0033
32	30	HDR BIAS	1.5115	1.5114	-0.0001
33	30	HDR BIAS	1.5122	1.5109	-0.0013
34	30	HDR BIAS	1.5501	1.514	-0.0361
35	30	HDR BIAS	1.5115	1.5117	0.0002
36	30	HDR UNBIAS	1.5516	1.5109	-0.0407
37	30	HDR UNBIAS	1.5501	1.514	-0.0361
38	30	HDR UNBIAS	1.5115	1.512	0.0005
39	30	HDR UNBIAS	1.5519	1.5109	-0.041
40	30	HDR UNBIAS	1.5107	1.514	0.0033
41	50	HDR BIAS	1.5508	1.5117	-0.0391
42	50	HDR BIAS	1.5126	1.4719	-0.0407
43	50	HDR BIAS	1.5107	1.4747	-0.036
44	50	HDR BIAS	1.5112	1.4721	-0.0391
45	50	HDR BIAS	1.5126	1.4716	-0.041
46	50	HDR UNBIAS	1.5107	1.4747	-0.036
47	50	HDR UNBIAS	1.5115	1.5114	-0.0001
48	50	HDR UNBIAS	1.5126	1.4719	-0.0407
49	50	HDR UNBIAS	1.5498	1.4747	-0.0751
50	50	HDR UNBIAS	1.5115	1.5114	-0.0001
51	100	HDR BIAS	1.5516	1.4719	-0.0797
52	100	HDR BIAS	1.5111	1.4744	-0.0367
53	100	HDR BIAS	1.5118	1.4327	-0.0791
54	100	HDR BIAS	1.5126	1.4719	-0.0407
55	100	HDR BIAS	1.5111	1.4744	-0.0367
56	100	HDR UNBIAS	1.5115	1.4724	-0.0391
57	100	HDR UNBIAS	1.5126	1.4322	-0.0804
58	100	HDR UNBIAS	1.5104	1.4747	-0.0357
59	100	HDR UNBIAS	1.5505	1.4724	-0.0781
60	100	HDR UNBIAS	1.5516	1.4719	-0.0797
71	0	CORRELATION	1.5508	1.5534	0.0026
72	0	CORRELATION	1.5126	1.512	-0.0006
73	0	CORRELATION	1.5501	1.5112	-0.0389

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	1.5126	1.5378	1.5508	0.021856	1.5112	1.5255	1.5534	0.024137	-0.0389	-0.0123	0.0026	0.023092
3	1.5104	1.5152	1.5516	0.012795	1.5112	1.5125	1.5143	0.0013961	-0.0404	-0.00277	0.0039	0.013373
10	1.5104	1.5156	1.5519	0.012778	1.5109	1.5122	1.5143	0.0013481	-0.0407	-0.00341	0.0036	0.013246
30	1.5107	1.5272	1.5519	0.020448	1.5109	1.5124	1.514	0.001439	-0.041	-0.0148	0.0033	0.020487
50	1.5107	1.5194	1.5508	0.016304	1.4716	1.4846	1.5117	0.018597	-0.0751	-0.03479	-0.0001	0.021551
100	1.5104	1.5235	1.5516	0.019166	1.4322	1.4649	1.4747	0.017134	-0.0804	-0.05859	-0.0357	0.021986

Device Test: 20.14 LEVEL|HIGH_LEVEL/SYNC/12/12/0/0/5.5/500kHz//@SYNC_VIH_TH_HIGH_5P5





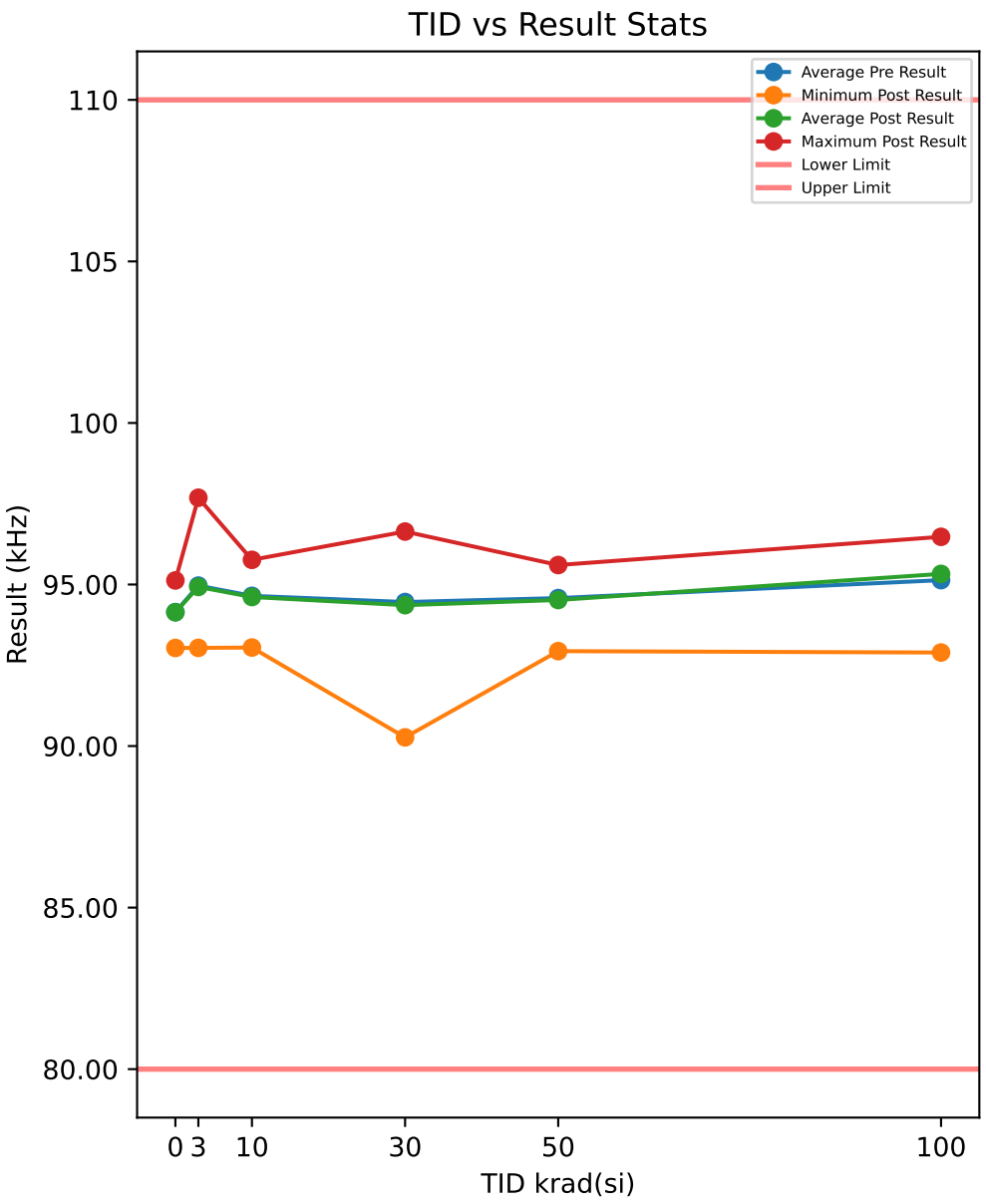
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

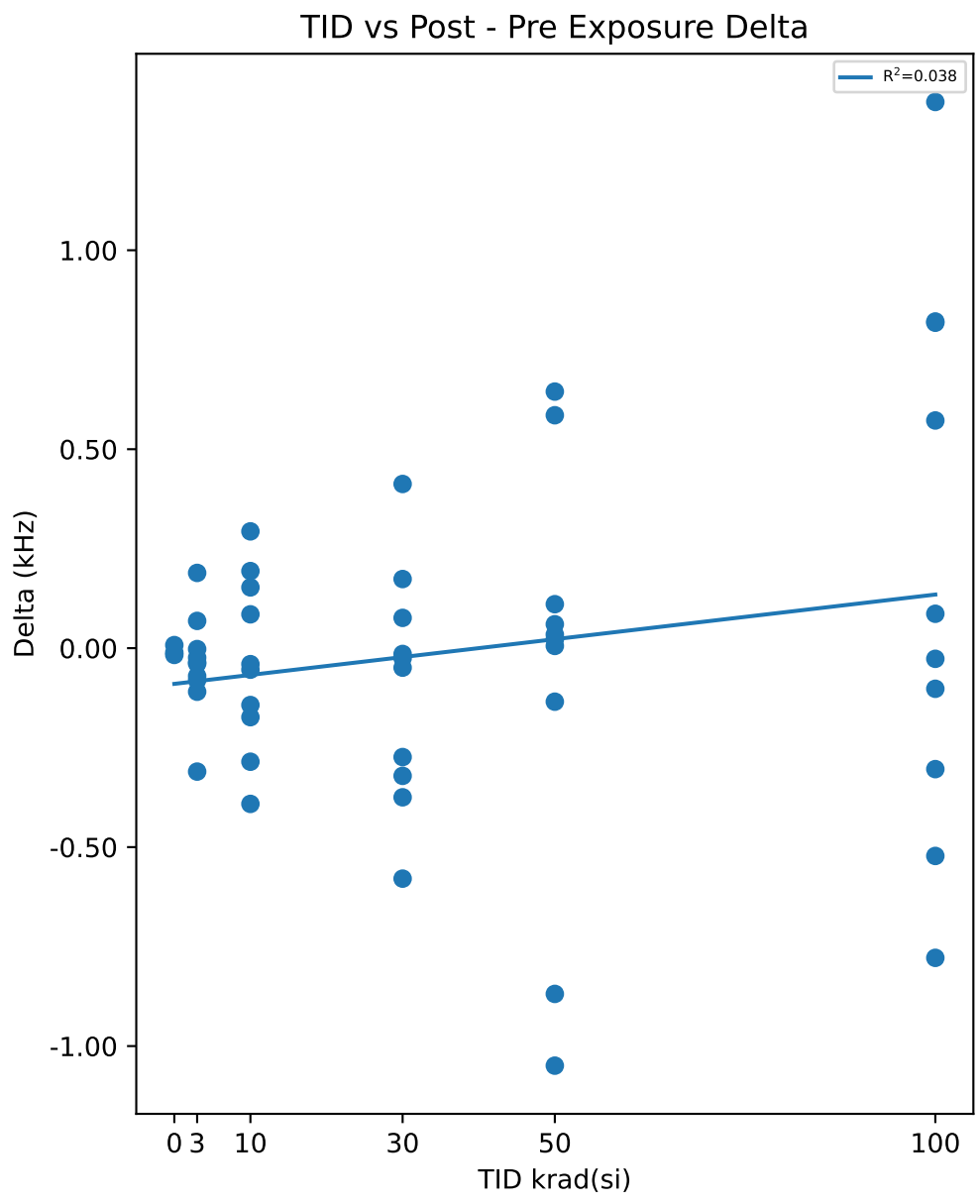
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.035	3.0322	-0.0028
2	3	HDR BIAS	3.035	3.0351	0.0001
3	3	HDR BIAS	3.0341	3.0352	0.0011
4	3	HDR BIAS	3.035	3.0325	-0.0025
5	3	HDR BIAS	3.0344	3.0348	0.0004
6	3	HDR UNBIAS	3.0338	3.0352	0.0014
7	3	HDR UNBIAS	3.035	3.0322	-0.0028
8	3	HDR UNBIAS	3.035	3.0345	-0.0005
9	3	HDR UNBIAS	3.0338	3.0352	0.0014
10	3	HDR UNBIAS	3.035	3.0325	-0.0025
11	10	HDR BIAS	3.035	3.0345	-0.0005
12	10	HDR BIAS	3.0338	3.0352	0.0014
13	10	HDR BIAS	3.035	3.0325	-0.0025
14	10	HDR BIAS	3.035	3.0348	-0.0002
15	10	HDR BIAS	3.0338	3.0352	0.0014
16	10	HDR UNBIAS	3.035	3.0322	-0.0028
17	10	HDR UNBIAS	3.0347	3.0345	-0.0002
18	10	HDR UNBIAS	3.0335	3.0352	0.0017
19	10	HDR UNBIAS	3.0347	3.0325	-0.0022
20	10	HDR UNBIAS	3.0347	3.0345	-0.0002
31	30	HDR BIAS	3.0353	3.0325	-0.0028
32	30	HDR BIAS	3.0347	3.0345	-0.0002
33	30	HDR BIAS	3.0338	3.0352	0.0014
34	30	HDR BIAS	3.0353	3.0325	-0.0028
35	30	HDR BIAS	3.035	3.0345	-0.0005
36	30	HDR UNBIAS	3.0338	3.0352	0.0014
37	30	HDR UNBIAS	3.0778	3.0322	-0.0456
38	30	HDR UNBIAS	3.0347	3.0345	-0.0002
39	30	HDR UNBIAS	3.0338	3.0349	0.0011
40	30	HDR UNBIAS	3.0356	3.0325	-0.0031
41	50	HDR BIAS	3.0347	3.0345	-0.0002
42	50	HDR BIAS	3.0335	3.0352	0.0017
43	50	HDR BIAS	3.0778	3.0325	-0.0453
44	50	HDR BIAS	3.0347	2.9921	-0.0426
45	50	HDR BIAS	3.0335	3.0349	0.0014
46	50	HDR UNBIAS	3.035	3.0325	-0.0025
47	50	HDR UNBIAS	3.0347	3.0345	-0.0002
48	50	HDR UNBIAS	3.0338	3.0352	0.0014
49	50	HDR UNBIAS	3.0353	3.0328	-0.0025
50	50	HDR UNBIAS	3.0344	3.0345	0.0001
51	100	HDR BIAS	3.0766	3.0352	-0.0414
52	100	HDR BIAS	3.0353	2.9897	-0.0456
53	100	HDR BIAS	3.035	2.9921	-0.0429
54	100	HDR BIAS	3.0338	2.9927	-0.0411
55	100	HDR BIAS	3.0353	2.9897	-0.0456
56	100	HDR UNBIAS	3.0347	2.9924	-0.0423
57	100	HDR UNBIAS	3.0338	2.9927	-0.0411
58	100	HDR UNBIAS	3.035	2.99	-0.045
59	100	HDR UNBIAS	3.0347	2.9921	-0.0426
60	100	HDR UNBIAS	3.0338	2.9927	-0.0411
71	0	CORRELATION	3.0344	3.0325	-0.0019
72	0	CORRELATION	3.0766	3.0773	0.0007
73	0	CORRELATION	3.035	3.0777	0.0427

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	3.0344	3.0487	3.0766	0.024193	3.0325	3.0625	3.0777	0.025982	-0.0019	0.013833	0.0427	0.025033
3	3.0338	3.0346	3.035	0.00053009	3.0322	3.0339	3.0352	0.001389	-0.0028	-0.00067	0.0014	0.0018025
10	3.0335	3.0345	3.035	0.00058652	3.0322	3.0341	3.0352	0.001217	-0.0028	-0.00041	0.0017	0.0016475
30	3.0338	3.039	3.0778	0.013656	3.0322	3.0339	3.0352	0.0012563	-0.0456	-0.00513	0.0014	0.014325
50	3.0335	3.0387	3.0778	0.013738	2.9921	3.0299	3.0352	0.013314	-0.0453	-0.00887	0.0017	0.018558
100	3.0338	3.0388	3.0766	0.013295	2.9897	2.9959	3.0352	0.013856	-0.0456	-0.04287	-0.0411	0.0018679

Device Test: 20.15 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/100kHz//@FSW_EXT_RT_A





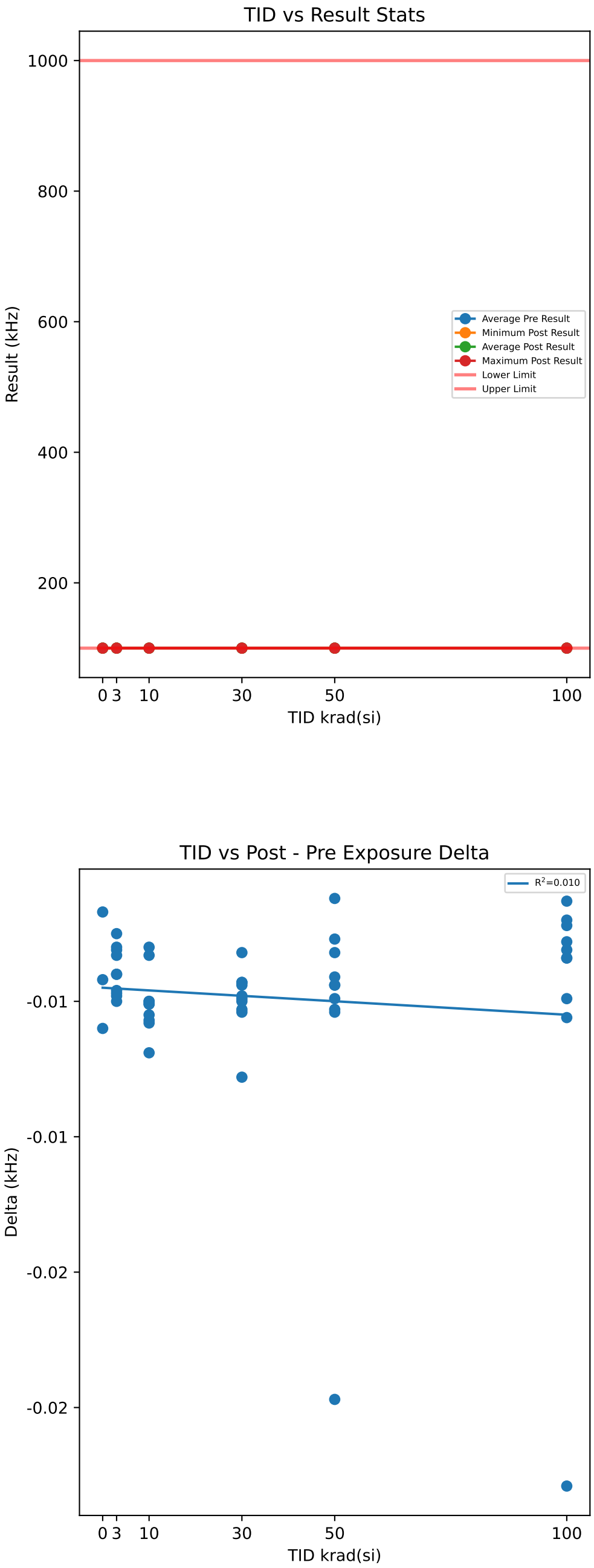
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.893	93.962	0.0685
2	3	HDR BIAS	97.765	97.685	-0.0802
3	3	HDR BIAS	93.148	93.038	-0.1095
4	3	HDR BIAS	96.307	96.283	-0.0238
5	3	HDR BIAS	93.389	93.387	-0.0023
6	3	HDR UNBIAS	93.412	93.373	-0.0388
7	3	HDR UNBIAS	95.58	95.544	-0.0358
8	3	HDR UNBIAS	94.653	94.842	0.1891
9	3	HDR UNBIAS	95.576	95.266	-0.3102
10	3	HDR UNBIAS	95.933	95.863	-0.0701
11	10	HDR BIAS	95.037	95.231	0.1937
12	10	HDR BIAS	94.6	94.56	-0.0402
13	10	HDR BIAS	95.062	95.215	0.1527
14	10	HDR BIAS	95.114	95.407	0.2935
15	10	HDR BIAS	93.192	93.049	-0.1429
16	10	HDR UNBIAS	93.316	93.401	0.085
17	10	HDR UNBIAS	93.815	93.424	-0.3914
18	10	HDR UNBIAS	96.049	95.763	-0.2854
19	10	HDR UNBIAS	95.704	95.65	-0.0541
20	10	HDR UNBIAS	94.602	94.428	-0.1734
31	30	HDR BIAS	94.081	94.493	0.4126
32	30	HDR BIAS	96.562	96.638	0.0761
33	30	HDR BIAS	93.667	93.618	-0.049
34	30	HDR BIAS	90.643	90.269	-0.3748
35	30	HDR BIAS	95.544	95.27	-0.2737
36	30	HDR UNBIAS	95.223	95.198	-0.0252
37	30	HDR UNBIAS	95.124	95.297	0.1737
38	30	HDR UNBIAS	93.205	93.19	-0.0146
39	30	HDR UNBIAS	96.238	95.917	-0.3209
40	30	HDR UNBIAS	94.292	93.713	-0.5792
41	50	HDR BIAS	94.124	93.99	-0.1345
42	50	HDR BIAS	96.413	95.544	-0.8689
43	50	HDR BIAS	92.915	92.937	0.0219
44	50	HDR BIAS	95.241	95.276	0.0342
45	50	HDR BIAS	92.9	93.011	0.1105
46	50	HDR UNBIAS	95.543	95.603	0.0601
47	50	HDR UNBIAS	94.482	94.488	0.0056
48	50	HDR UNBIAS	95.69	94.641	-1.0492
49	50	HDR UNBIAS	93.757	94.402	0.6448
50	50	HDR UNBIAS	94.725	95.31	0.5853
51	100	HDR BIAS	93.199	92.895	-0.304
52	100	HDR BIAS	93.727	93.205	-0.5222
53	100	HDR BIAS	94.15	94.968	0.8178
54	100	HDR BIAS	95.951	96.037	0.0864
55	100	HDR BIAS	96.152	96.05	-0.1021
56	100	HDR UNBIAS	95.175	95.748	0.5722
57	100	HDR UNBIAS	95.052	96.424	1.3726
58	100	HDR UNBIAS	94.704	95.525	0.8209
59	100	HDR UNBIAS	96.503	96.476	-0.0268
60	100	HDR UNBIAS	96.736	95.957	-0.7783
71	0	CORRELATION	93.028	93.036	0.0077
72	0	CORRELATION	94.268	94.257	-0.0109
73	0	CORRELATION	95.143	95.126	-0.017

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	93.028	94.146	95.143	1.0625	93.036	94.14	95.126	1.0499	-0.017	-0.0067333	0.0077	0.012866
3	93.148	94.966	97.765	1.5193	93.038	94.924	97.685	1.4948	-0.3102	-0.04131	0.1891	0.1275
10	93.192	94.649	96.049	0.95514	93.049	94.613	95.763	1.0078	-0.3914	-0.03625	0.2935	0.21877
30	90.643	94.458	96.562	1.723	90.269	94.36	96.638	1.7987	-0.5792	-0.0975	0.4126	0.29216
50	92.9	94.579	96.413	1.1768	92.937	94.52	95.603	0.97241	-1.0492	-0.05902	0.6448	0.53902
100	93.199	95.135	96.736	1.2031	92.895	95.328	96.476	1.2786	-0.7783	0.19365	1.3726	0.68057

Device Test: 20.16 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/100kHz//@FREQ_SYNC_EXT



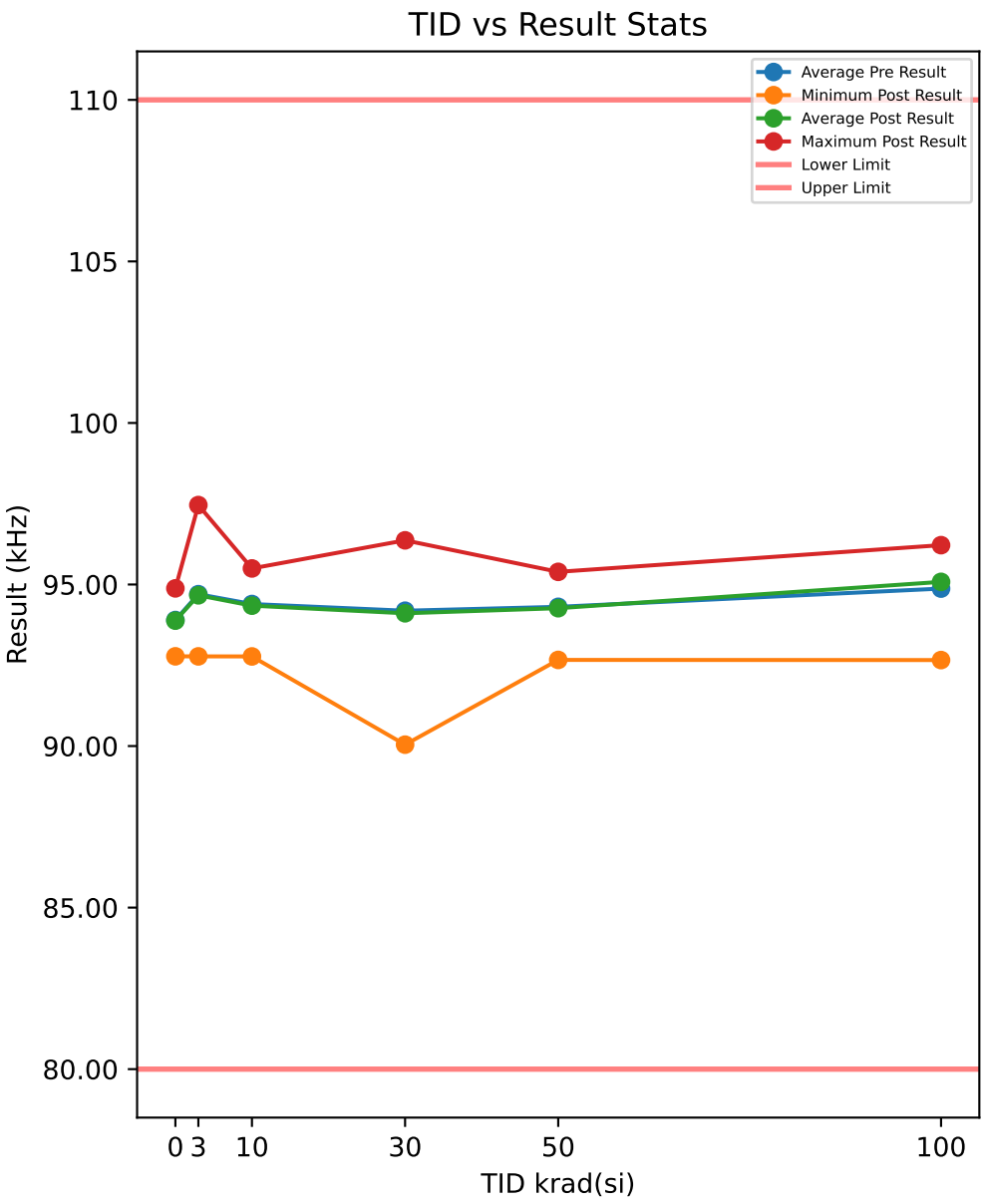
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

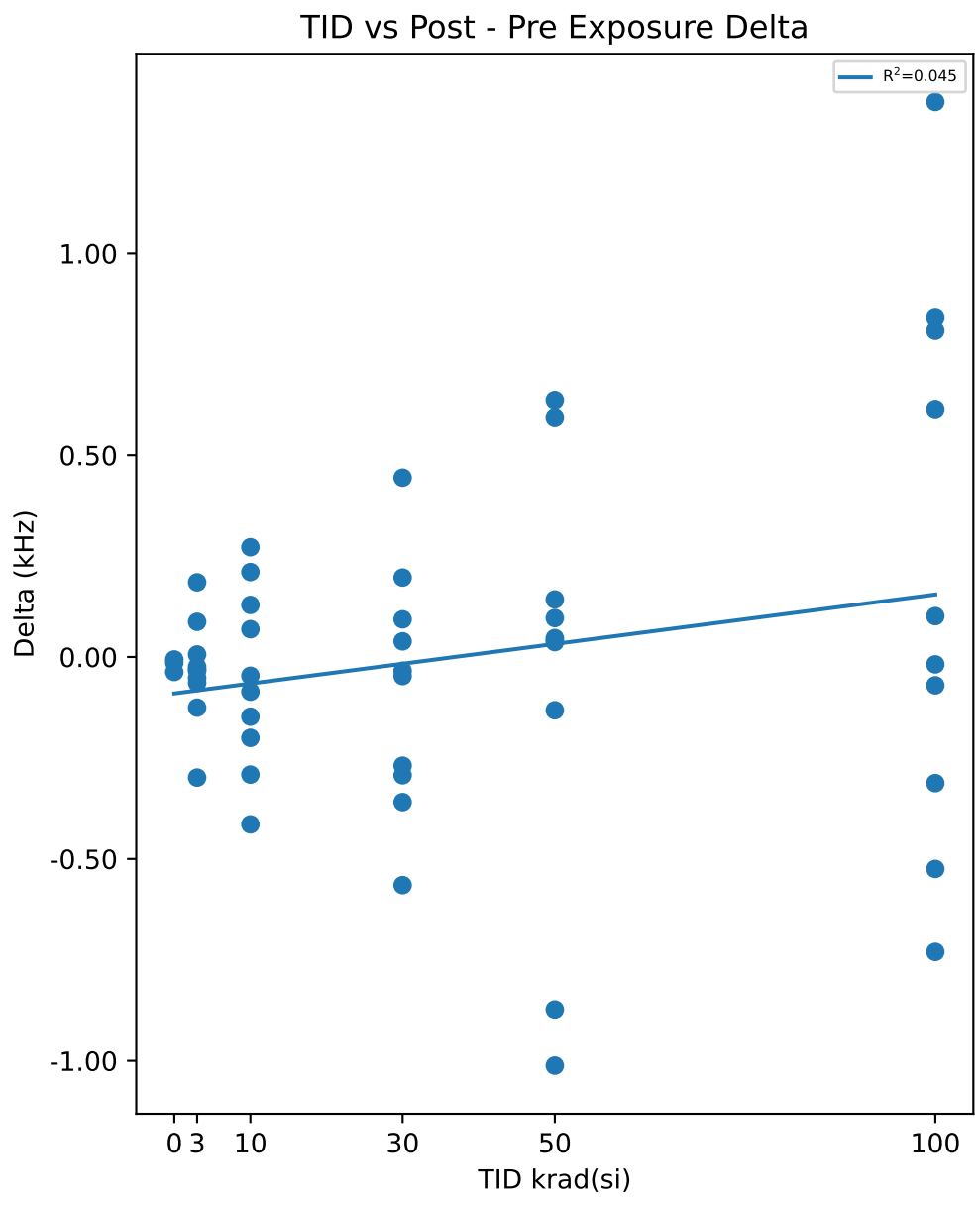
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.994	-0.008
2	3	HDR BIAS	100	99.992	-0.009
3	3	HDR BIAS	100	99.993	-0.0097
4	3	HDR BIAS	100	99.993	-0.01
5	3	HDR BIAS	100	99.992	-0.0096
6	3	HDR UNBIAS	100	99.995	-0.0081
7	3	HDR UNBIAS	100	99.992	-0.0098
8	3	HDR UNBIAS	100	99.992	-0.0083
9	3	HDR UNBIAS	100	99.994	-0.009
10	3	HDR UNBIAS	100	99.993	-0.0075
11	10	HDR BIAS	100	99.993	-0.0108
12	10	HDR BIAS	100	99.993	-0.0101
13	10	HDR BIAS	100	99.993	-0.01
14	10	HDR BIAS	100	99.991	-0.0119
15	10	HDR BIAS	100	99.995	-0.0083
16	10	HDR UNBIAS	100	99.995	-0.008
17	10	HDR UNBIAS	100	99.992	-0.0107
18	10	HDR UNBIAS	100	99.993	-0.0105
19	10	HDR UNBIAS	100	99.992	-0.01
20	10	HDR UNBIAS	100	99.991	-0.0101
31	30	HDR BIAS	100	99.993	-0.0099
32	30	HDR BIAS	100	99.993	-0.0104
33	30	HDR BIAS	100	99.993	-0.0093
34	30	HDR BIAS	100	99.993	-0.0094
35	30	HDR BIAS	100	99.992	-0.0128
36	30	HDR UNBIAS	100	99.995	-0.0082
37	30	HDR UNBIAS	100	99.993	-0.0093
38	30	HDR UNBIAS	100	99.992	-0.0098
39	30	HDR UNBIAS	100	99.993	-0.01
40	30	HDR UNBIAS	100	99.992	-0.0103
41	50	HDR BIAS	100	99.992	-0.0094
42	50	HDR BIAS	100	99.995	-0.0062
43	50	HDR BIAS	100	99.976	-0.0247
44	50	HDR BIAS	100	99.992	-0.0104
45	50	HDR BIAS	100	99.993	-0.0099
46	50	HDR UNBIAS	100	99.994	-0.0091
47	50	HDR UNBIAS	100	99.994	-0.0094
48	50	HDR UNBIAS	100	99.994	-0.0082
49	50	HDR UNBIAS	100	99.992	-0.0103
50	50	HDR UNBIAS	100	99.993	-0.0077
51	100	HDR BIAS	100	99.993	-0.0084
52	100	HDR BIAS	100	99.994	-0.0072
53	100	HDR BIAS	100	99.994	-0.007
54	100	HDR BIAS	100	99.995	-0.0063
55	100	HDR BIAS	100	99.995	-0.0084
56	100	HDR UNBIAS	100	99.993	-0.0106
57	100	HDR UNBIAS	100	99.975	-0.0279
58	100	HDR UNBIAS	100	99.993	-0.0078
59	100	HDR UNBIAS	100	99.994	-0.0099
60	100	HDR UNBIAS	100	99.996	-0.0081
71	0	CORRELATION	100	99.994	-0.0092
72	0	CORRELATION	100	99.992	-0.011
73	0	CORRELATION	100	99.994	-0.0067

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.0017578	99.992	99.993	99.994	0.001222	-0.011	-0.0089667	-0.0067	0.0021595
3	100	100	100	0.0012193	99.992	99.993	99.995	0.001171	-0.01	-0.0089	-0.0075	0.00087813
10	100	100	100	0.00086416	99.991	99.993	99.995	0.0013478	-0.0119	-0.01004	-0.008	0.0011491
30	100	100	100	0.00078662	99.992	99.993	99.995	0.00085771	-0.0128	-0.00994	-0.0082	0.0011872
50	100	100	100	0.0010012	99.976	99.992	99.995	0.0056653	-0.0247	-0.01053	-0.0062	0.0051429
100	100	100	100	0.0012963	99.975	99.992	99.996	0.0059459	-0.0279	-0.01016	-0.0063	0.006365

Device Test: 20.19 LEVEL|FREQ/RT/5/5/0/0/5/100kHz//@FSW_EXT_RT_A





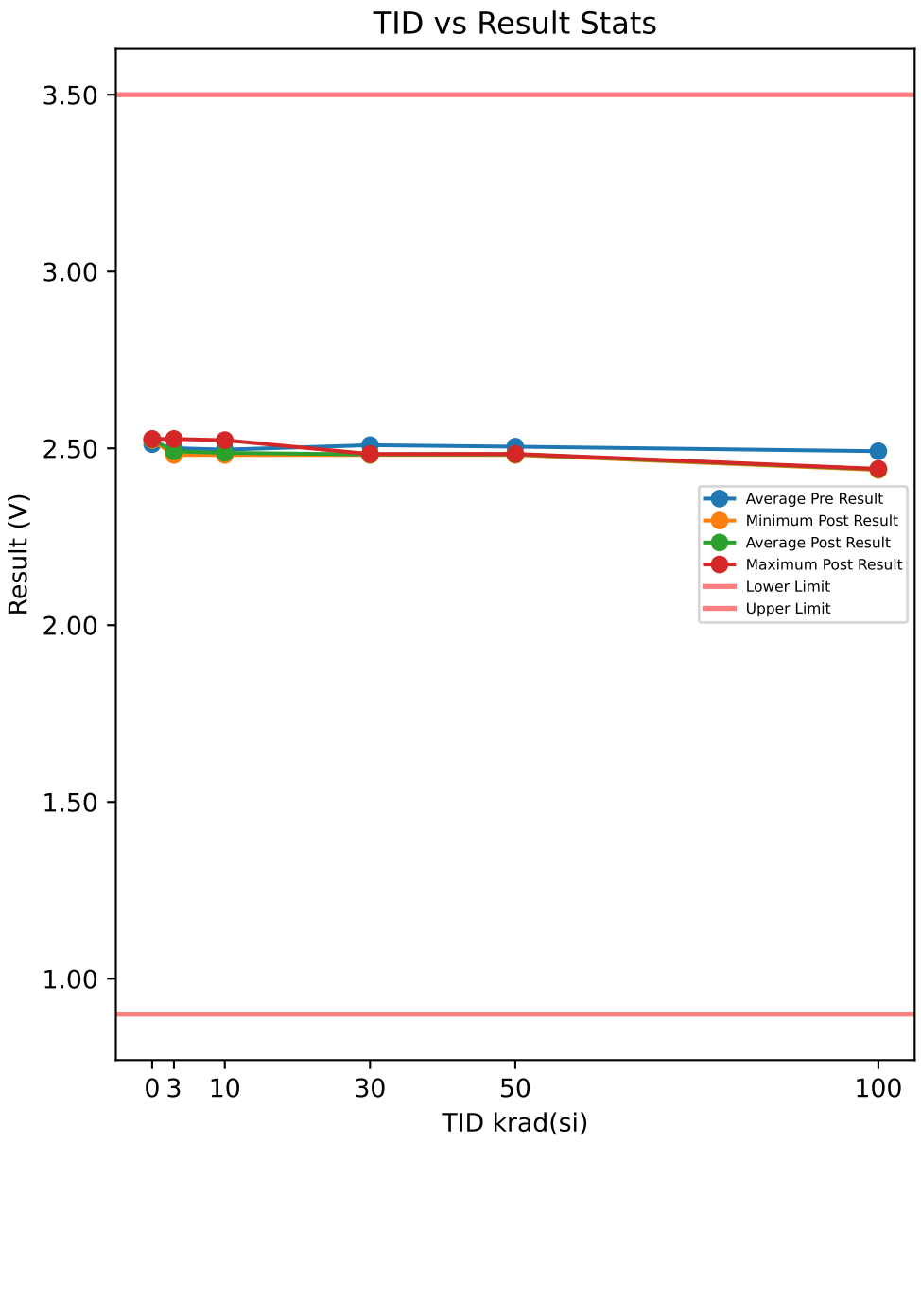
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

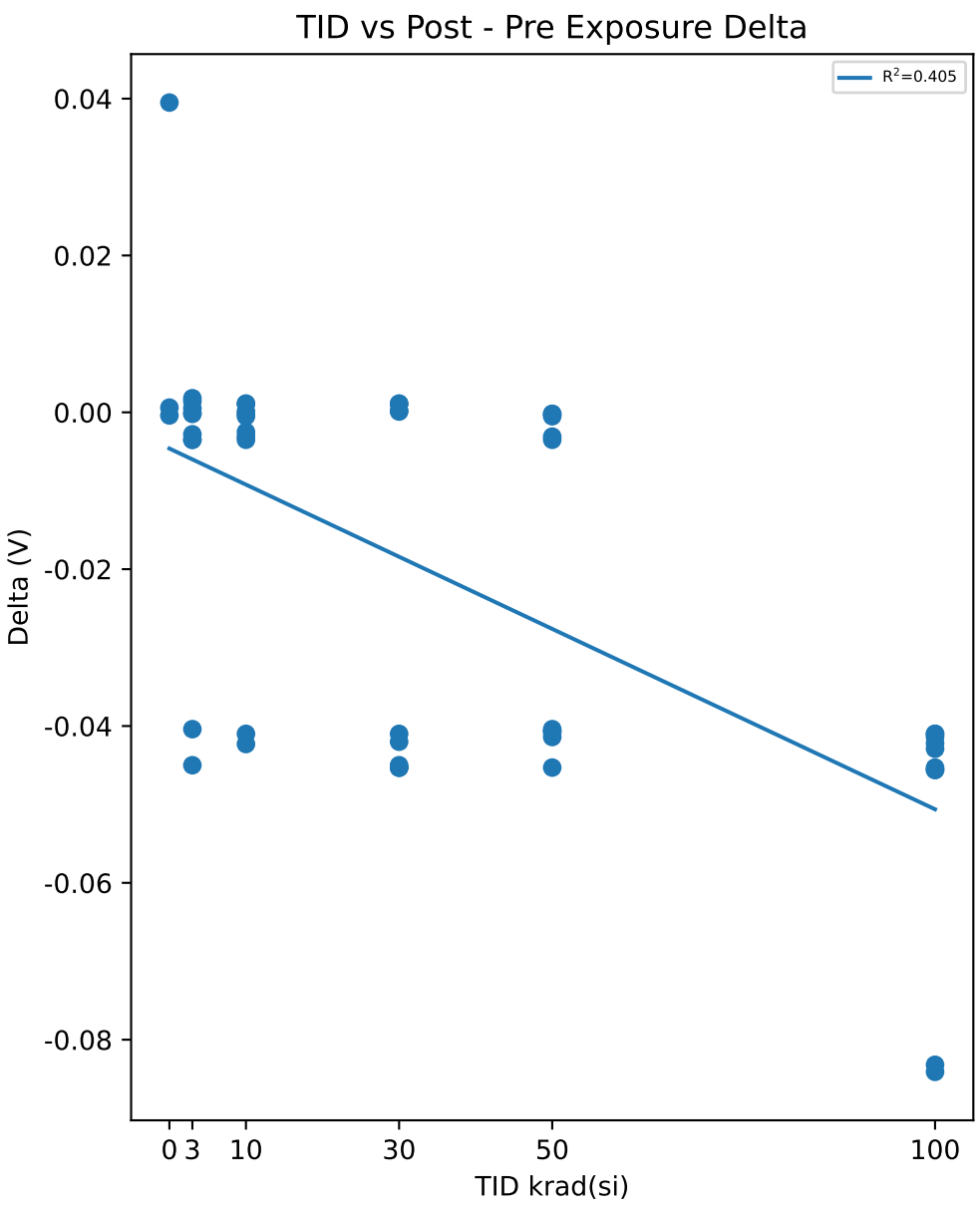
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.595	93.682	0.0871
2	3	HDR BIAS	97.523	97.459	-0.0641
3	3	HDR BIAS	92.901	92.776	-0.1254
4	3	HDR BIAS	96.032	96.008	-0.024
5	3	HDR BIAS	93.112	93.118	0.0063
6	3	HDR UNBIAS	93.14	93.106	-0.0338
7	3	HDR UNBIAS	95.327	95.296	-0.0311
8	3	HDR UNBIAS	94.393	94.578	0.1849
9	3	HDR UNBIAS	95.313	95.014	-0.2986
10	3	HDR UNBIAS	95.671	95.619	-0.0519
11	10	HDR BIAS	94.775	94.985	0.2104
12	10	HDR BIAS	94.343	94.296	-0.0465
13	10	HDR BIAS	94.813	94.942	0.1289
14	10	HDR BIAS	94.874	95.146	0.2719
15	10	HDR BIAS	92.922	92.774	-0.1478
16	10	HDR UNBIAS	93.077	93.146	0.0688
17	10	HDR UNBIAS	93.554	93.139	-0.4144
18	10	HDR UNBIAS	95.788	95.497	-0.2912
19	10	HDR UNBIAS	95.472	95.386	-0.0859
20	10	HDR UNBIAS	94.341	94.141	-0.2002
31	30	HDR BIAS	93.794	94.239	0.4443
32	30	HDR BIAS	96.274	96.367	0.0932
33	30	HDR BIAS	93.399	93.351	-0.0472
34	30	HDR BIAS	90.402	90.043	-0.3593
35	30	HDR BIAS	95.281	95.012	-0.2691
36	30	HDR UNBIAS	94.983	94.949	-0.0342
37	30	HDR UNBIAS	94.85	95.047	0.1967
38	30	HDR UNBIAS	92.921	92.96	0.0387
39	30	HDR UNBIAS	95.952	95.659	-0.2929
40	30	HDR UNBIAS	94.03	93.465	-0.5649
41	50	HDR BIAS	93.871	93.739	-0.1319
42	50	HDR BIAS	96.142	95.269	-0.873
43	50	HDR BIAS	92.624	92.666	0.0417
44	50	HDR BIAS	94.966	95.013	0.0468
45	50	HDR BIAS	92.636	92.778	0.1425
46	50	HDR UNBIAS	95.295	95.392	0.0964
47	50	HDR UNBIAS	94.227	94.264	0.0369
48	50	HDR UNBIAS	95.406	94.394	-1.0118
49	50	HDR UNBIAS	93.459	94.094	0.6345
50	50	HDR UNBIAS	94.465	95.057	0.5923
51	100	HDR BIAS	92.974	92.661	-0.3123
52	100	HDR BIAS	93.462	92.937	-0.5248
53	100	HDR BIAS	93.909	94.718	0.8085
54	100	HDR BIAS	95.695	95.796	0.1012
55	100	HDR BIAS	95.89	95.819	-0.0702
56	100	HDR UNBIAS	94.914	95.526	0.6122
57	100	HDR UNBIAS	94.782	96.156	1.3741
58	100	HDR UNBIAS	94.438	95.278	0.8401
59	100	HDR UNBIAS	96.236	96.218	-0.0183
60	100	HDR UNBIAS	96.438	95.707	-0.7303
71	0	CORRELATION	92.783	92.777	-0.0061
72	0	CORRELATION	94.001	93.987	-0.0144
73	0	CORRELATION	94.917	94.88	-0.0371

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.783	93.901	94.917	1.0706	92.777	93.881	94.88	1.0555	-0.0371	-0.0192	-0.0061	0.016048
3	92.901	94.701	97.523	1.5261	92.776	94.666	97.459	1.5057	-0.2986	-0.03506	0.1849	0.12645
10	92.922	94.396	95.788	0.9586	92.774	94.345	95.497	1.0123	-0.4144	-0.0506	0.2719	0.22159
30	90.402	94.189	96.274	1.7149	90.043	94.109	96.367	1.7876	-0.5649	-0.07947	0.4443	0.29682
50	92.624	94.309	96.142	1.1809	92.666	94.267	95.392	0.97489	-1.0118	-0.04256	0.6345	0.53473
100	92.974	94.874	96.438	1.1899	92.661	95.082	96.218	1.2788	-0.7303	0.20802	1.3741	0.67589

Device Test: 20.2 LEVEL|HIGH_LEVEL/SYNC/4.5/4.5/0/0/4.5/500kHz//@SYNC_VIH_TH_LOW_4P5





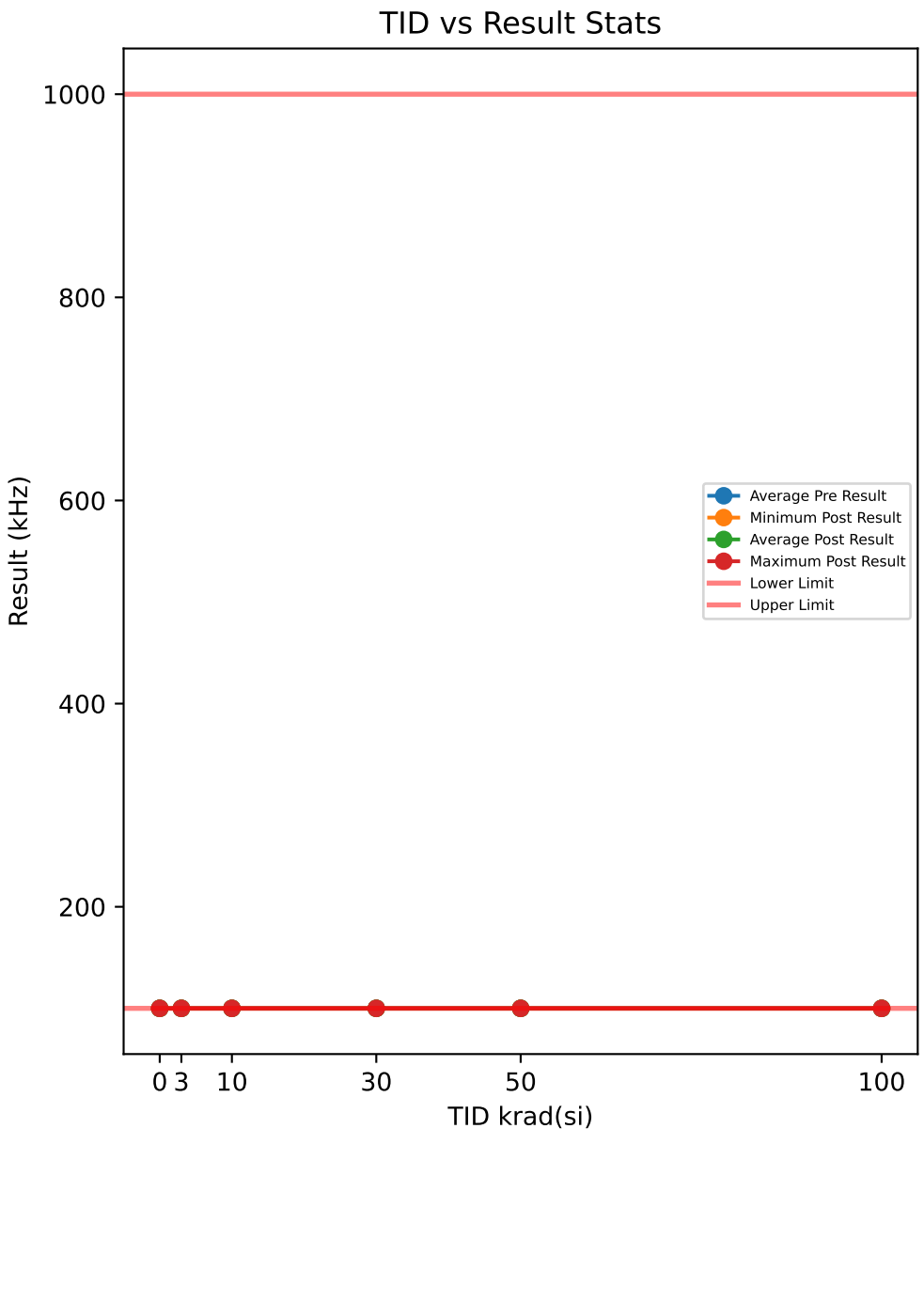
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

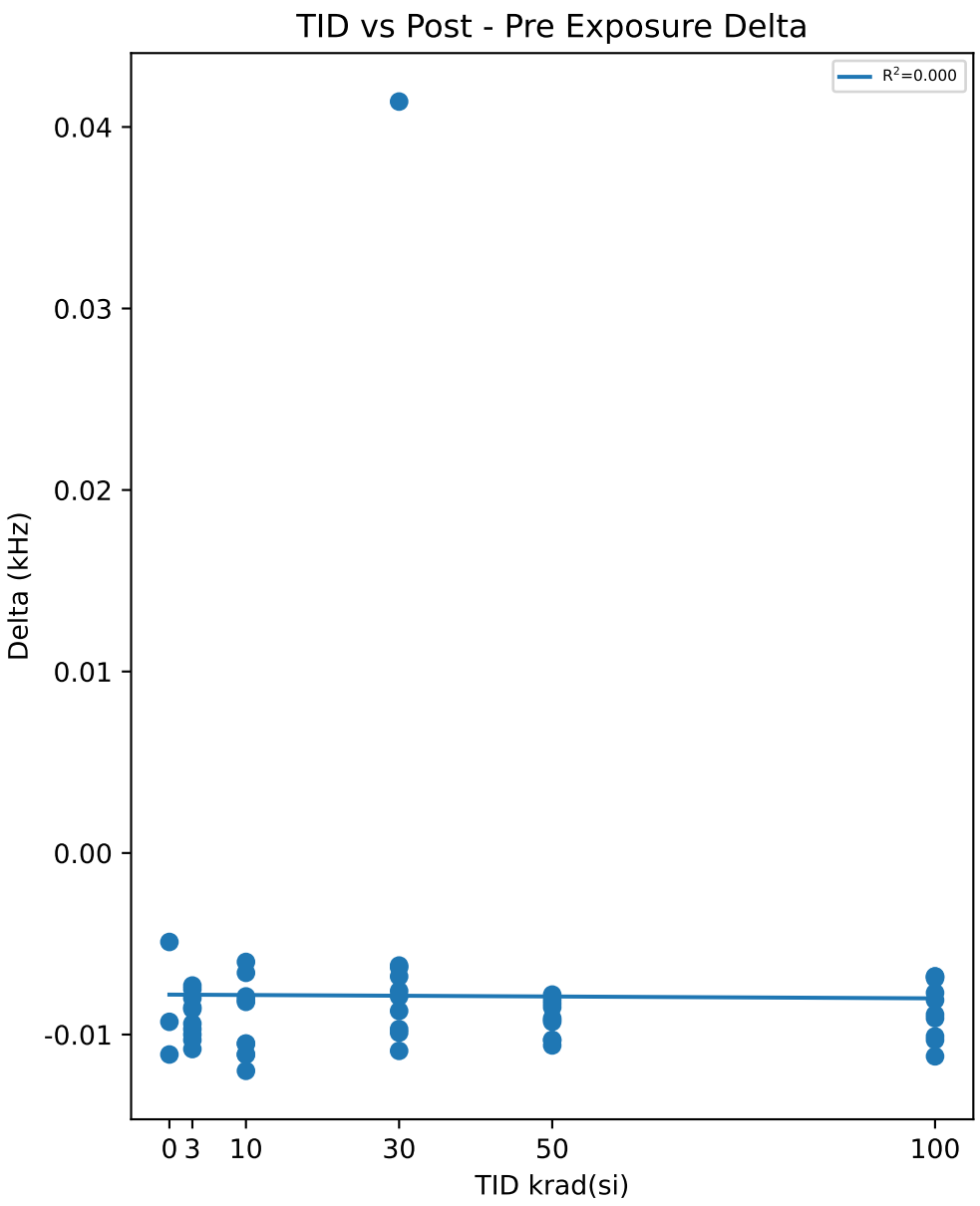
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.4848	2.4813	-0.0035
2	3	HDR BIAS	2.4839	2.4844	0.0005
3	3	HDR BIAS	2.5247	2.4843	-0.0404
4	3	HDR BIAS	2.4841	2.4813	-0.0028
5	3	HDR BIAS	2.4835	2.4834	-0.0001
6	3	HDR UNBIAS	2.4829	2.4843	0.0014
7	3	HDR UNBIAS	2.5263	2.4813	-0.045
8	3	HDR UNBIAS	2.4839	2.4837	-0.0002
9	3	HDR UNBIAS	2.5247	2.5265	0.0018
10	3	HDR UNBIAS	2.5269	2.5234	-0.0035
11	10	HDR BIAS	2.4839	2.4837	-0.0002
12	10	HDR BIAS	2.4829	2.484	0.0011
13	10	HDR BIAS	2.4841	2.4816	-0.0025
14	10	HDR BIAS	2.4839	2.484	0.0001
15	10	HDR BIAS	2.4832	2.4843	0.0011
16	10	HDR UNBIAS	2.5266	2.5231	-0.0035
17	10	HDR UNBIAS	2.5257	2.4834	-0.0423
18	10	HDR UNBIAS	2.525	2.484	-0.041
19	10	HDR UNBIAS	2.4844	2.4813	-0.0031
20	10	HDR UNBIAS	2.4839	2.4834	-0.0005
31	30	HDR BIAS	2.5266	2.4813	-0.0453
32	30	HDR BIAS	2.4835	2.4837	0.0002
33	30	HDR BIAS	2.525	2.484	-0.041
34	30	HDR BIAS	2.5266	2.4813	-0.0453
35	30	HDR BIAS	2.5257	2.4837	-0.042
36	30	HDR UNBIAS	2.4829	2.484	0.0011
37	30	HDR UNBIAS	2.5266	2.4813	-0.0453
38	30	HDR UNBIAS	2.4839	2.484	0.0001
39	30	HDR UNBIAS	2.4829	2.484	0.0011
40	30	HDR UNBIAS	2.5263	2.4813	-0.045
41	50	HDR BIAS	2.5254	2.484	-0.0414
42	50	HDR BIAS	2.525	2.4843	-0.0407
43	50	HDR BIAS	2.5266	2.4813	-0.0453
44	50	HDR BIAS	2.4839	2.4837	-0.0002
45	50	HDR BIAS	2.5247	2.4843	-0.0404
46	50	HDR UNBIAS	2.4848	2.4813	-0.0035
47	50	HDR UNBIAS	2.4839	2.4837	-0.0002
48	50	HDR UNBIAS	2.5247	2.484	-0.0407
49	50	HDR UNBIAS	2.4844	2.4813	-0.0031
50	50	HDR UNBIAS	2.4839	2.4834	-0.0005
51	100	HDR BIAS	2.4829	2.4415	-0.0414
52	100	HDR BIAS	2.4844	2.4391	-0.0453
53	100	HDR BIAS	2.4842	2.4413	-0.0429
54	100	HDR BIAS	2.5247	2.4415	-0.0832
55	100	HDR BIAS	2.4844	2.4388	-0.0456
56	100	HDR UNBIAS	2.5257	2.4416	-0.0841
57	100	HDR UNBIAS	2.4829	2.4419	-0.041
58	100	HDR UNBIAS	2.4844	2.4388	-0.0456
59	100	HDR UNBIAS	2.4835	2.4413	-0.0422
60	100	HDR UNBIAS	2.4829	2.4419	-0.041
71	0	CORRELATION	2.4839	2.5234	0.0395
72	0	CORRELATION	2.525	2.5256	0.0006
73	0	CORRELATION	2.5269	2.5265	-0.0004

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	2.4839	2.5119	2.5269	0.024296	2.5234	2.5252	2.5265	0.0015948	-0.0004	0.013233	0.0395	0.022753
3	2.4829	2.5006	2.5269	0.0216	2.4813	2.4914	2.5265	0.017749	-0.045	-0.00918	0.0018	0.017802
10	2.4829	2.4964	2.5266	0.020301	2.4813	2.4873	2.5231	0.012628	-0.0423	-0.00908	0.0011	0.017245
30	2.4829	2.509	2.5266	0.022126	2.4813	2.4829	2.484	0.0013476	-0.0453	-0.02614	0.0011	0.023084
50	2.4839	2.5047	2.5266	0.02167	2.4813	2.4831	2.4843	0.0012919	-0.0453	-0.0216	-0.0002	0.02126
100	2.4829	2.492	2.5257	0.017511	2.4388	2.4408	2.4419	0.001309	-0.0841	-0.05123	-0.041	0.017185

Device Test: 20.20 LEVEL|FREQ/SYNC/5/5/0/0/5/100kHz//@FREQ_SYNC_EXT





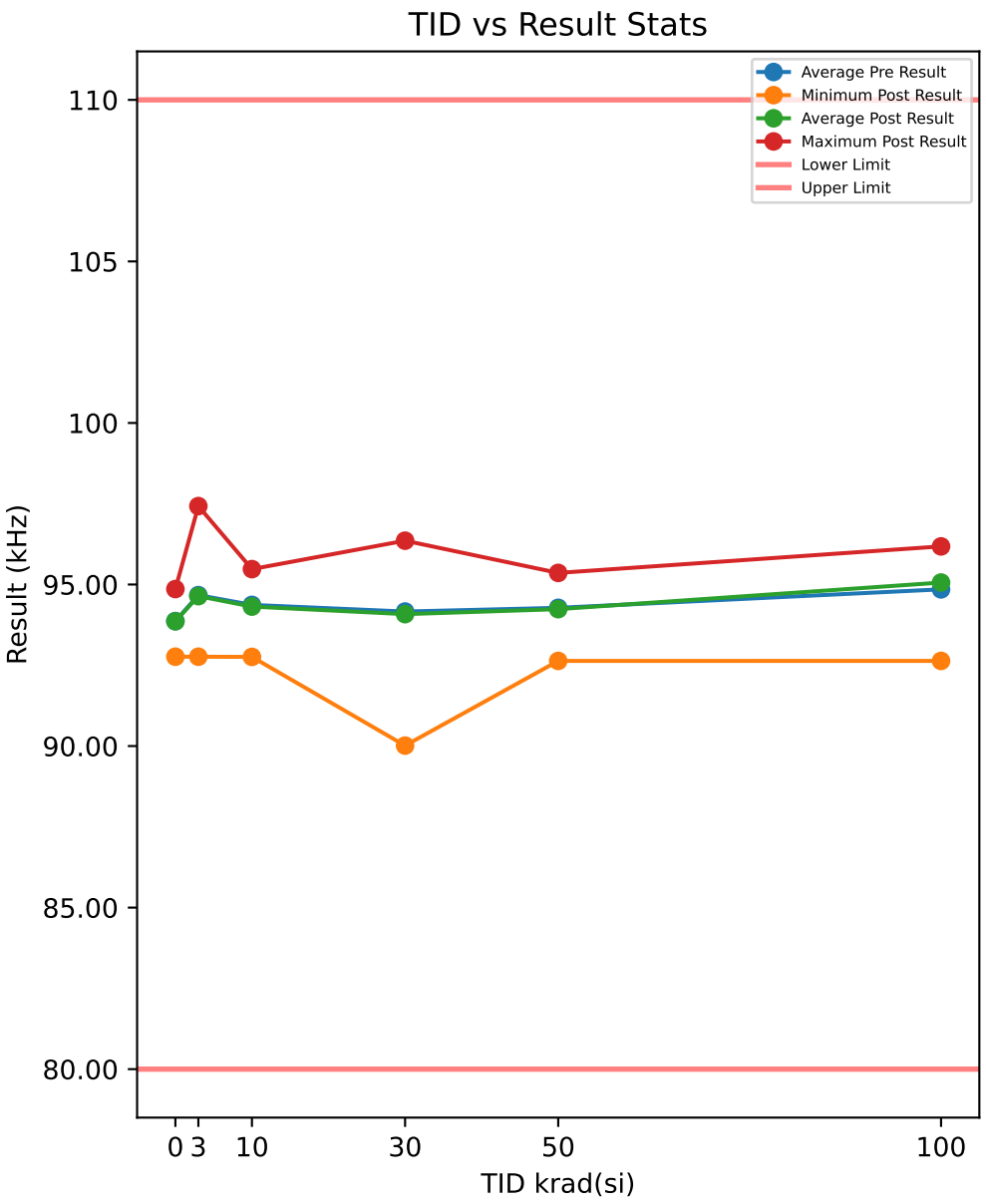
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

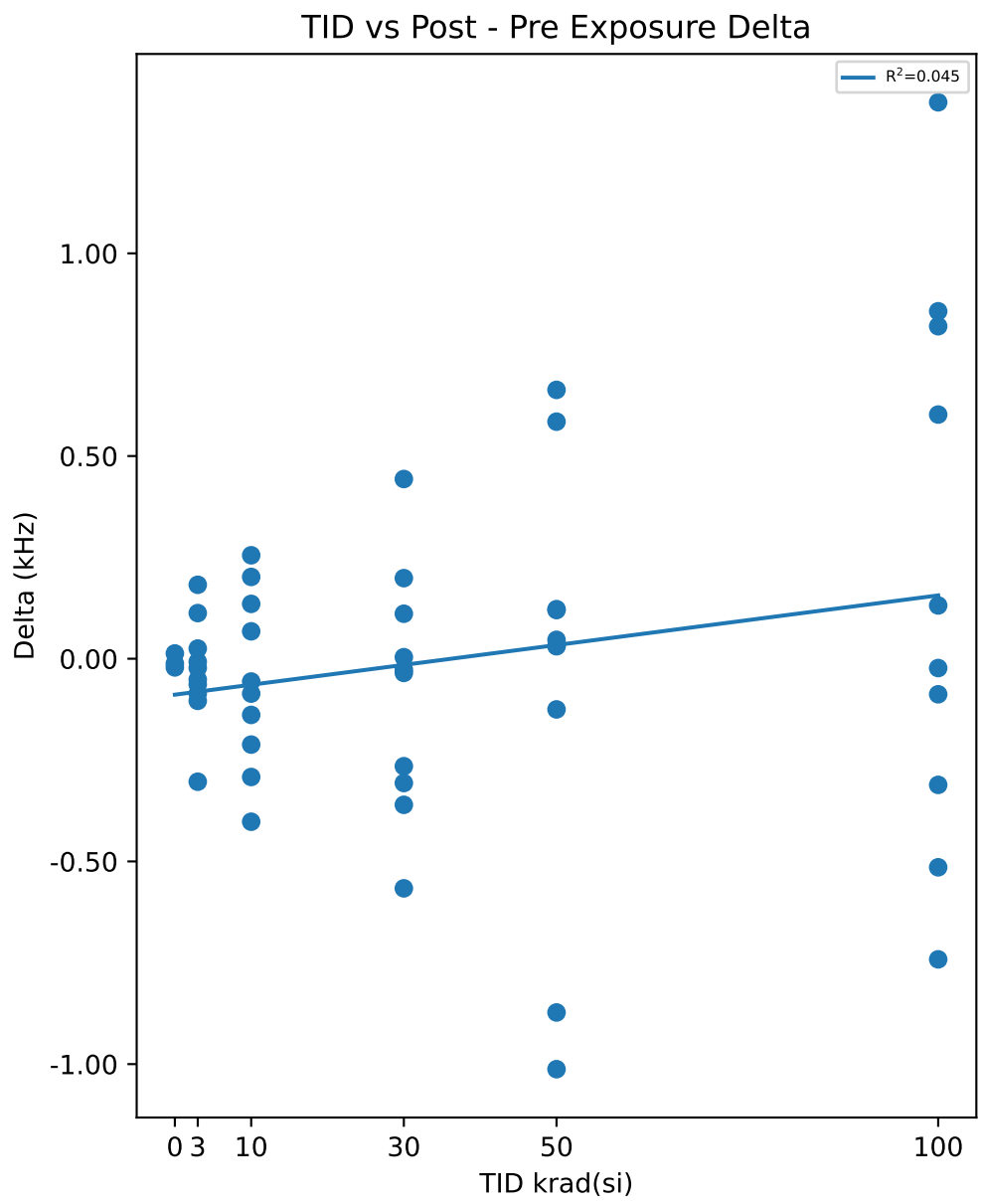
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.994	-0.0075
2	3	HDR BIAS	100	99.991	-0.0108
3	3	HDR BIAS	100	99.993	-0.0094
4	3	HDR BIAS	100	99.994	-0.008
5	3	HDR BIAS	100	99.992	-0.0103
6	3	HDR UNBIAS	100	99.993	-0.0086
7	3	HDR UNBIAS	100	99.993	-0.01
8	3	HDR UNBIAS	100	99.992	-0.0097
9	3	HDR UNBIAS	100	99.993	-0.0085
10	3	HDR UNBIAS	100	99.993	-0.0073
11	10	HDR BIAS	100	99.992	-0.012
12	10	HDR BIAS	100	99.993	-0.0105
13	10	HDR BIAS	100	99.992	-0.0105
14	10	HDR BIAS	100	99.994	-0.0079
15	10	HDR BIAS	100	99.995	-0.0066
16	10	HDR UNBIAS	100	99.995	-0.0081
17	10	HDR UNBIAS	100	99.993	-0.0111
18	10	HDR UNBIAS	100	99.995	-0.006
19	10	HDR UNBIAS	100	99.994	-0.0082
20	10	HDR UNBIAS	100	99.992	-0.0111
31	30	HDR BIAS	100	99.994	-0.0063
32	30	HDR BIAS	99.95	99.992	0.0414
33	30	HDR BIAS	100	99.994	-0.0097
34	30	HDR BIAS	100	99.993	-0.0079
35	30	HDR BIAS	100	99.994	-0.0076
36	30	HDR UNBIAS	100	99.993	-0.0109
37	30	HDR UNBIAS	100	99.992	-0.0099
38	30	HDR UNBIAS	100	99.993	-0.0087
39	30	HDR UNBIAS	100	99.995	-0.0062
40	30	HDR UNBIAS	100	99.994	-0.0068
41	50	HDR BIAS	100	99.993	-0.0092
42	50	HDR BIAS	100	99.994	-0.0078
43	50	HDR BIAS	100	99.995	-0.0083
44	50	HDR BIAS	100	99.992	-0.0093
45	50	HDR BIAS	100	99.993	-0.0106
46	50	HDR UNBIAS	100	99.993	-0.0103
47	50	HDR UNBIAS	100	99.991	-0.0103
48	50	HDR UNBIAS	100	99.995	-0.0081
49	50	HDR UNBIAS	100	99.994	-0.0091
50	50	HDR UNBIAS	100	99.994	-0.0085
51	100	HDR BIAS	100	99.995	-0.0068
52	100	HDR BIAS	100	99.993	-0.0091
53	100	HDR BIAS	100	99.992	-0.0103
54	100	HDR BIAS	100	99.995	-0.0077
55	100	HDR BIAS	100	99.993	-0.0081
56	100	HDR UNBIAS	100	99.993	-0.0089
57	100	HDR UNBIAS	100	99.995	-0.0069
58	100	HDR UNBIAS	100	99.994	-0.0068
59	100	HDR UNBIAS	100	99.992	-0.0112
60	100	HDR UNBIAS	100	99.993	-0.0101
71	0	CORRELATION	100	99.992	-0.0111
72	0	CORRELATION	100	99.992	-0.0093
73	0	CORRELATION	100	99.995	-0.0049

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.0015044	99.992	99.993	99.995	0.0018193	-0.0111	-0.0084333	-0.0049	0.0031896
3	100	100	100	0.00075579	99.991	99.993	99.994	0.00091068	-0.0108	-0.00901	-0.0073	0.0012078
10	100	100	100	0.00090339	99.992	99.993	99.995	0.0013648	-0.012	-0.0092	-0.006	0.0020907
30	99.95	99.997	100	0.016272	99.992	99.993	99.995	0.00097502	-0.0109	-0.00326	0.0414	0.015772
50	100	100	100	0.0008925	99.991	99.993	99.995	0.0012367	-0.0106	-0.00915	-0.0078	0.00099135
100	100	100	100	0.00089125	99.992	99.993	99.995	0.0011851	-0.0112	-0.00859	-0.0068	0.0015871

Device Test: 20.23 LEVEL|FREQ/RT/12/12/0/0/5/100kHz//@FSW_EXT_RT_A





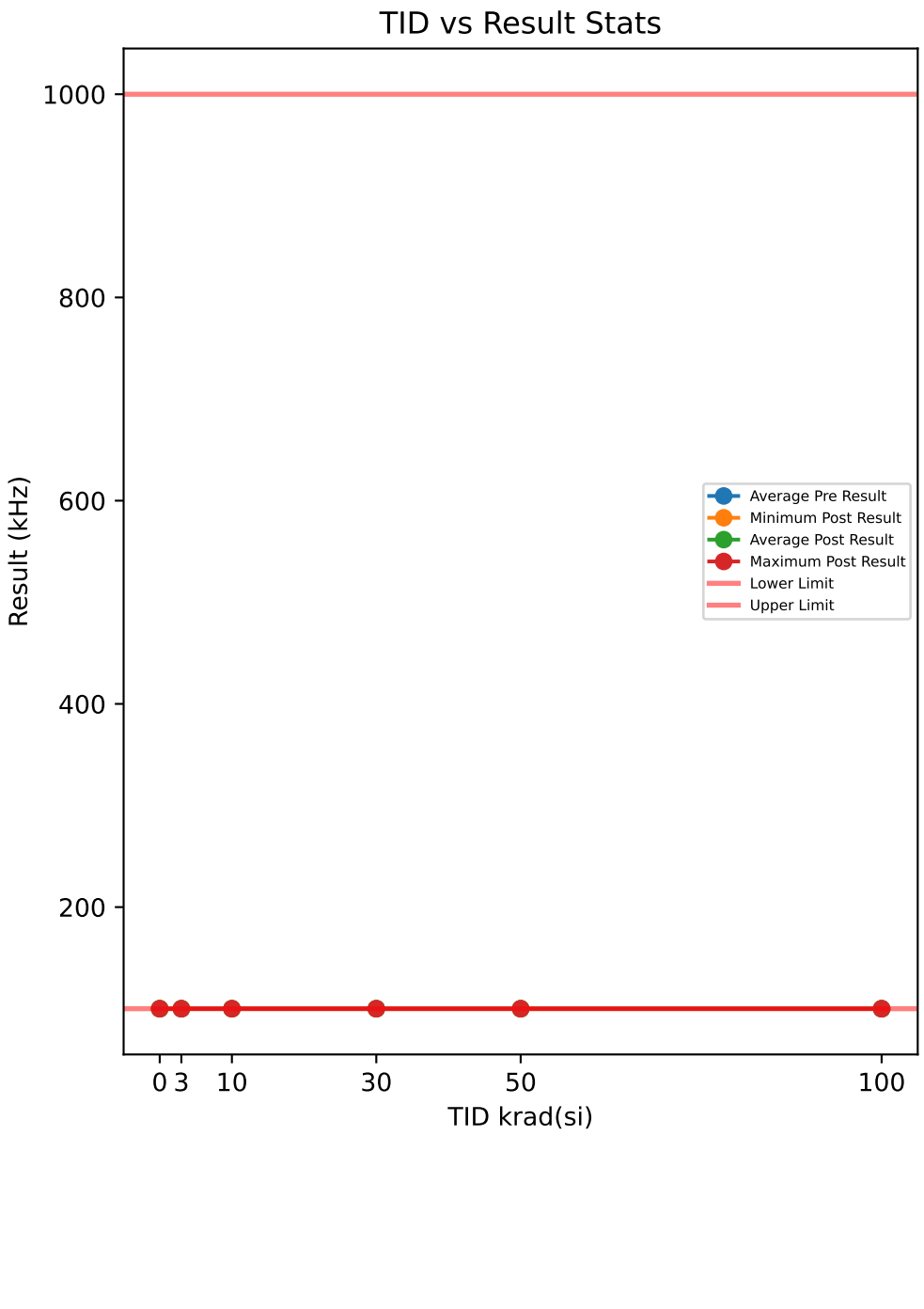
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

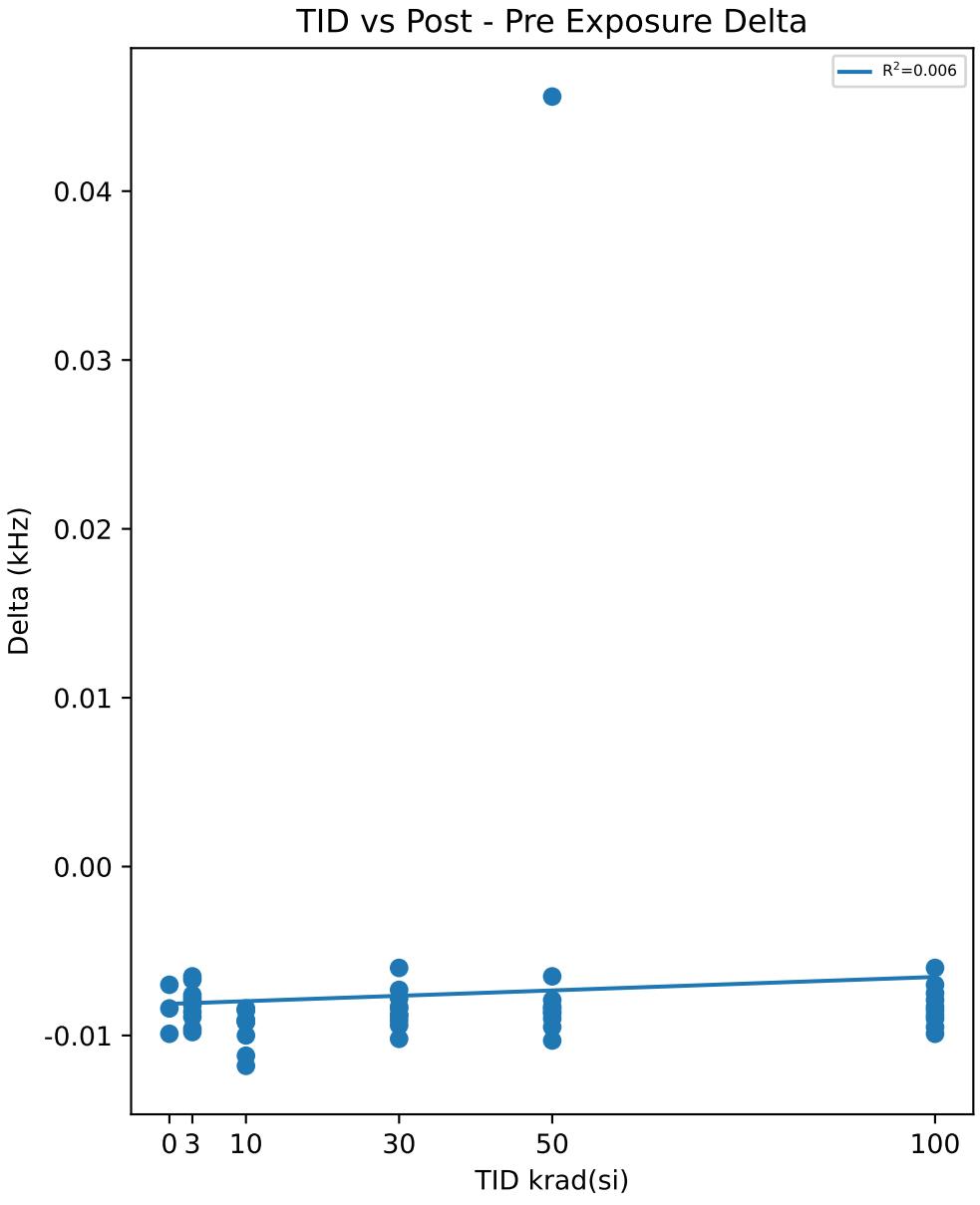
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.564	93.676	0.1126
2	3	HDR BIAS	97.49	97.427	-0.0634
3	3	HDR BIAS	92.869	92.765	-0.1039
4	3	HDR BIAS	95.992	95.985	-0.0074
5	3	HDR BIAS	93.077	93.102	0.0251
6	3	HDR UNBIAS	93.11	93.088	-0.0225
7	3	HDR UNBIAS	95.311	95.26	-0.0513
8	3	HDR UNBIAS	94.358	94.541	0.1824
9	3	HDR UNBIAS	95.291	94.987	-0.3034
10	3	HDR UNBIAS	95.652	95.566	-0.0858
11	10	HDR BIAS	94.74	94.942	0.2018
12	10	HDR BIAS	94.32	94.264	-0.0562
13	10	HDR BIAS	94.769	94.905	0.1353
14	10	HDR BIAS	94.862	95.117	0.2552
15	10	HDR BIAS	92.898	92.76	-0.1386
16	10	HDR UNBIAS	93.059	93.127	0.0676
17	10	HDR UNBIAS	93.522	93.12	-0.4021
18	10	HDR UNBIAS	95.768	95.476	-0.2917
19	10	HDR UNBIAS	95.437	95.351	-0.086
20	10	HDR UNBIAS	94.314	94.103	-0.2118
31	30	HDR BIAS	93.767	94.21	0.4433
32	30	HDR BIAS	96.245	96.356	0.111
33	30	HDR BIAS	93.39	93.355	-0.035
34	30	HDR BIAS	90.374	90.014	-0.3604
35	30	HDR BIAS	95.259	94.993	-0.2651
36	30	HDR UNBIAS	94.96	94.933	-0.027
37	30	HDR UNBIAS	94.805	95.003	0.1988
38	30	HDR UNBIAS	92.908	92.911	0.0038
39	30	HDR UNBIAS	95.936	95.629	-0.3066
40	30	HDR UNBIAS	93.99	93.423	-0.5664
41	50	HDR BIAS	93.828	93.703	-0.125
42	50	HDR BIAS	96.109	95.236	-0.8726
43	50	HDR BIAS	92.603	92.635	0.0317
44	50	HDR BIAS	94.944	94.974	0.0308
45	50	HDR BIAS	92.623	92.746	0.1223
46	50	HDR UNBIAS	95.239	95.359	0.12
47	50	HDR UNBIAS	94.187	94.234	0.0466
48	50	HDR UNBIAS	95.391	94.378	-1.0125
49	50	HDR UNBIAS	93.424	94.087	0.6632
50	50	HDR UNBIAS	94.434	95.019	0.5848
51	100	HDR BIAS	92.947	92.635	-0.3112
52	100	HDR BIAS	93.434	92.919	-0.5145
53	100	HDR BIAS	93.888	94.708	0.8202
54	100	HDR BIAS	95.671	95.802	0.1314
55	100	HDR BIAS	95.864	95.776	-0.0877
56	100	HDR UNBIAS	94.891	95.493	0.6023
57	100	HDR UNBIAS	94.775	96.148	1.3726
58	100	HDR UNBIAS	94.404	95.261	0.8571
59	100	HDR UNBIAS	96.203	96.18	-0.023
60	100	HDR UNBIAS	96.423	95.681	-0.7416
71	0	CORRELATION	92.752	92.765	0.013
72	0	CORRELATION	93.981	93.96	-0.0214
73	0	CORRELATION	94.871	94.859	-0.0119

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.752	93.868	94.871	1.0639	92.765	93.861	94.859	1.0504	-0.0214	-0.0067667	0.013	0.017765
3	92.869	94.671	97.49	1.5274	92.765	94.64	97.427	1.4968	-0.3034	-0.03176	0.1824	0.13077
10	92.898	94.369	95.768	0.9567	92.76	94.316	95.476	1.0061	-0.4021	-0.05265	0.2552	0.21664
30	90.374	94.163	96.245	1.7139	90.014	94.083	96.356	1.7909	-0.5664	-0.08036	0.4433	0.29828
50	92.603	94.278	96.109	1.1768	92.635	94.237	95.359	0.97359	-1.0125	-0.04107	0.6632	0.53755
100	92.947	94.85	96.423	1.1909	92.635	95.06	96.18	1.278	-0.7416	0.21056	1.3726	0.67887

Device Test: 20.24 LEVEL|FREQ/SYNC/12/12/0/0/5/100kHz//@FREQ_SYNC_EXT





Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

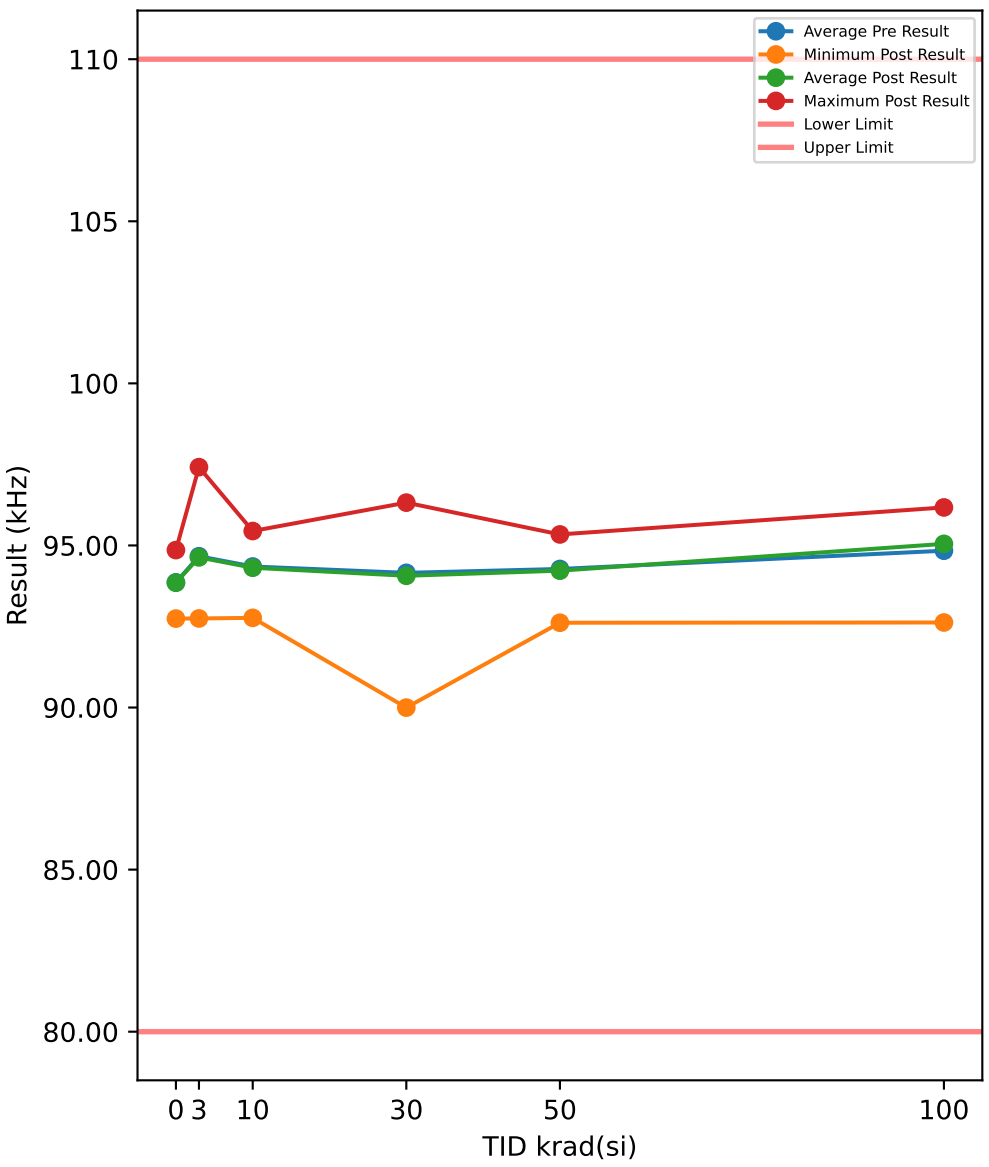
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.993	-0.0086
2	3	HDR BIAS	100	99.994	-0.0089
3	3	HDR BIAS	100	99.994	-0.008
4	3	HDR BIAS	100	99.994	-0.0067
5	3	HDR BIAS	100	99.992	-0.0098
6	3	HDR UNBIAS	100	99.993	-0.0096
7	3	HDR UNBIAS	100	99.994	-0.0076
8	3	HDR UNBIAS	100	99.994	-0.0082
9	3	HDR UNBIAS	100	99.994	-0.0078
10	3	HDR UNBIAS	100	99.994	-0.0065
11	10	HDR BIAS	100	99.993	-0.0084
12	10	HDR BIAS	100	99.995	-0.0085
13	10	HDR BIAS	100	99.992	-0.0091
14	10	HDR BIAS	100	99.991	-0.0118
15	10	HDR BIAS	100	99.995	-0.0091
16	10	HDR UNBIAS	100	99.994	-0.0085
17	10	HDR UNBIAS	100	99.993	-0.0092
18	10	HDR UNBIAS	100	99.993	-0.0092
19	10	HDR UNBIAS	100	99.992	-0.01
20	10	HDR UNBIAS	100	99.991	-0.0112
31	30	HDR BIAS	100	99.993	-0.0091
32	30	HDR BIAS	100	99.994	-0.0078
33	30	HDR BIAS	100	99.994	-0.0084
34	30	HDR BIAS	100	99.995	-0.006
35	30	HDR BIAS	100	99.992	-0.0088
36	30	HDR UNBIAS	100	99.995	-0.0073
37	30	HDR UNBIAS	100	99.992	-0.0094
38	30	HDR UNBIAS	100	99.993	-0.0088
39	30	HDR UNBIAS	100	99.993	-0.0102
40	30	HDR UNBIAS	100	99.994	-0.0083
41	50	HDR BIAS	100	99.992	-0.0095
42	50	HDR BIAS	100	99.993	-0.0084
43	50	HDR BIAS	100	99.993	-0.0079
44	50	HDR BIAS	100	99.994	-0.0083
45	50	HDR BIAS	100	99.995	-0.0065
46	50	HDR UNBIAS	100	99.993	-0.0087
47	50	HDR UNBIAS	100	99.992	-0.0086
48	50	HDR UNBIAS	99.95	99.995	0.0456
49	50	HDR UNBIAS	100	99.994	-0.009
50	50	HDR UNBIAS	100	99.993	-0.0103
51	100	HDR BIAS	100	99.995	-0.007
52	100	HDR BIAS	100	99.994	-0.0075
53	100	HDR BIAS	100	99.993	-0.0099
54	100	HDR BIAS	100	99.994	-0.009
55	100	HDR BIAS	100	99.994	-0.006
56	100	HDR UNBIAS	100	99.993	-0.0088
57	100	HDR UNBIAS	100	99.995	-0.0079
58	100	HDR UNBIAS	100	99.993	-0.0083
59	100	HDR UNBIAS	100	99.991	-0.0095
60	100	HDR UNBIAS	100	99.995	-0.0085
71	0	CORRELATION	100	99.994	-0.0084
72	0	CORRELATION	100	99.993	-0.0099
73	0	CORRELATION	100	99.993	-0.007

Test Statistics (kHz)

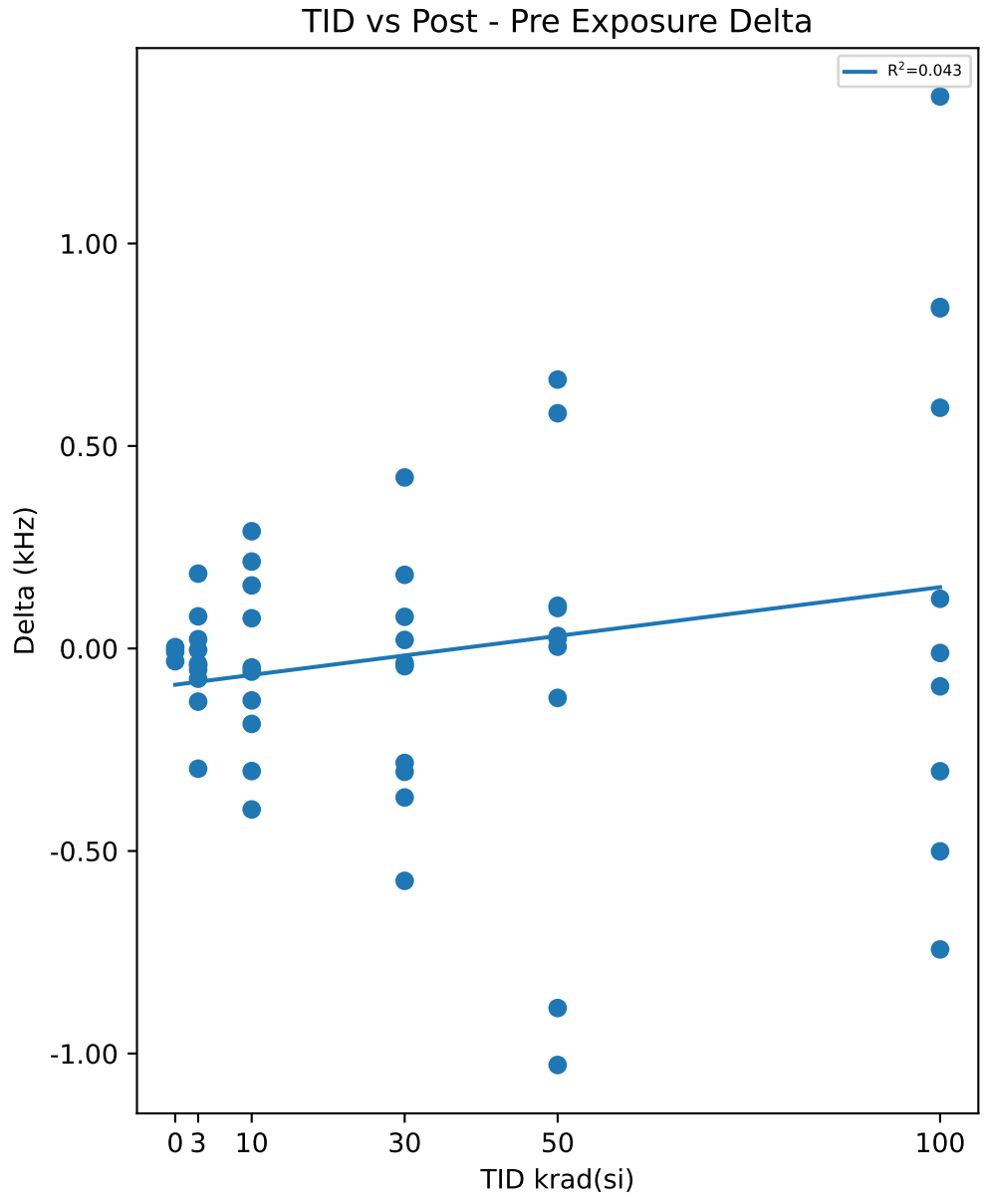
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100	100	100	0.0011372	99.993	99.993	99.994	0.00047258	-0.0099	-0.0084333	-0.007	0.0014503
3	100	100	100	0.00067338	99.992	99.993	99.994	0.00089592	-0.0098	-0.00817	-0.0065	0.0010985
10	100	100	100	0.000833	99.991	99.993	99.995	0.0011965	-0.0118	-0.0095	-0.0084	0.0011614
30	100	100	100	0.00076456	99.992	99.993	99.995	0.00085088	-0.0102	-0.00841	-0.006	0.0011733
50	99.95	99.996	100	0.016495	99.992	99.993	99.995	0.0012074	-0.0103	-0.00316	0.0456	0.017161
100	100	100	100	0.00097775	99.991	99.994	99.995	0.0010973	-0.0099	-0.00824	-0.006	0.0011796

Device Test: 20.27 LEVEL|FREQ/RT/14/14/0/0/5/100kHz//@FSW_EXT_RT_A

TID vs Result Stats



TID vs Post - Pre Exposure Delta



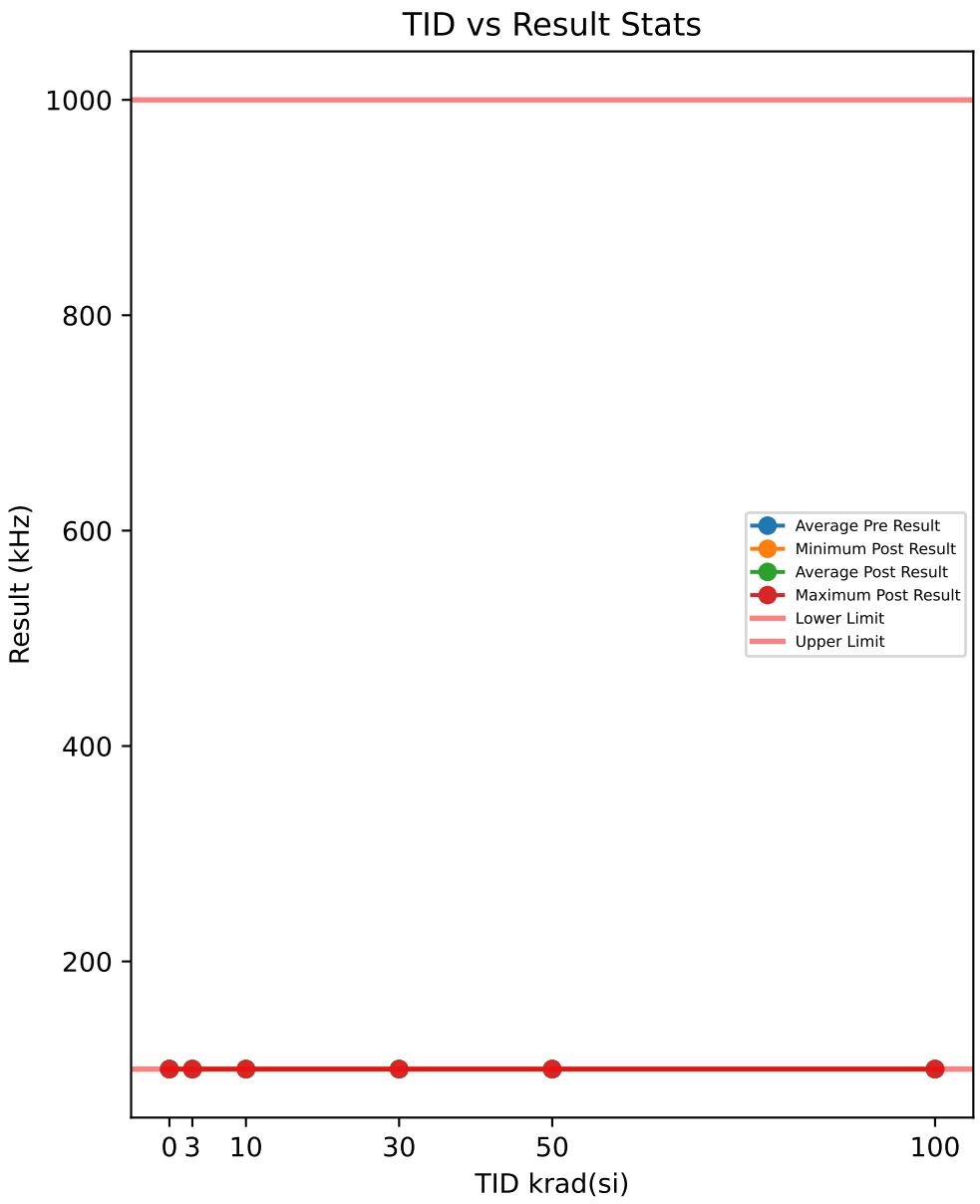
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

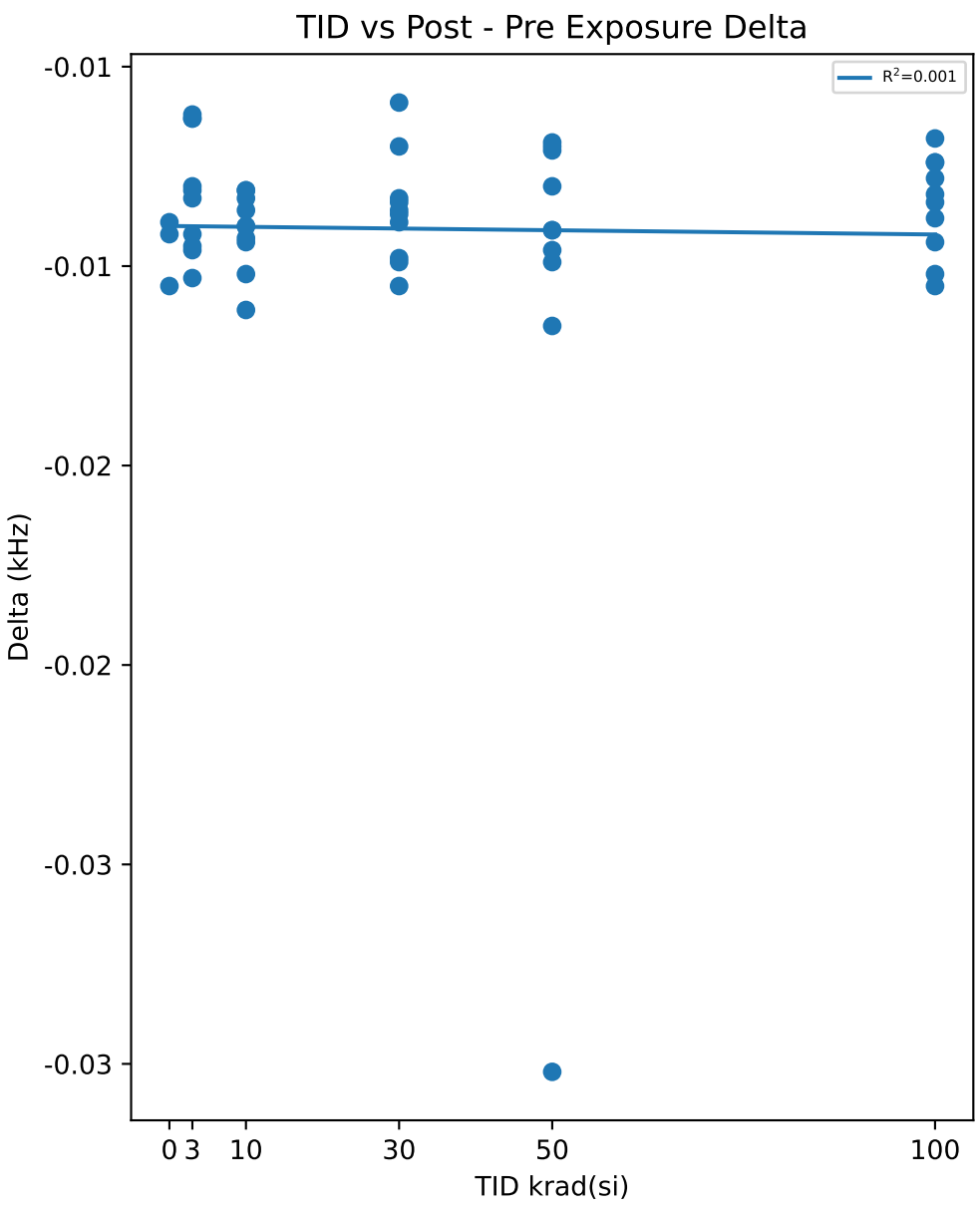
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.567	93.646	0.0793
2	3	HDR BIAS	97.49	97.415	-0.0746
3	3	HDR BIAS	92.879	92.747	-0.1312
4	3	HDR BIAS	95.984	95.98	-0.0037
5	3	HDR BIAS	93.076	93.1	0.023
6	3	HDR UNBIAS	93.109	93.071	-0.0379
7	3	HDR UNBIAS	95.297	95.256	-0.0419
8	3	HDR UNBIAS	94.348	94.533	0.1848
9	3	HDR UNBIAS	95.29	94.993	-0.2968
10	3	HDR UNBIAS	95.63	95.578	-0.0522
11	10	HDR BIAS	94.737	94.952	0.2146
12	10	HDR BIAS	94.317	94.26	-0.0572
13	10	HDR BIAS	94.755	94.91	0.1557
14	10	HDR BIAS	94.84	95.129	0.2895
15	10	HDR BIAS	92.895	92.767	-0.1282
16	10	HDR UNBIAS	93.015	93.09	0.0747
17	10	HDR UNBIAS	93.49	93.093	-0.3974
18	10	HDR UNBIAS	95.748	95.445	-0.3027
19	10	HDR UNBIAS	95.413	95.367	-0.0467
20	10	HDR UNBIAS	94.293	94.107	-0.1863
31	30	HDR BIAS	93.749	94.171	0.4223
32	30	HDR BIAS	96.243	96.321	0.0782
33	30	HDR BIAS	93.383	93.339	-0.0438
34	30	HDR BIAS	90.365	89.997	-0.3679
35	30	HDR BIAS	95.248	94.965	-0.2826
36	30	HDR UNBIAS	94.945	94.909	-0.0361
37	30	HDR UNBIAS	94.8	94.982	0.1819
38	30	HDR UNBIAS	92.891	92.912	0.0211
39	30	HDR UNBIAS	95.926	95.622	-0.3045
40	30	HDR UNBIAS	93.998	93.425	-0.5737
41	50	HDR BIAS	93.837	93.715	-0.1219
42	50	HDR BIAS	96.116	95.228	-0.8877
43	50	HDR BIAS	92.612	92.616	0.0044
44	50	HDR BIAS	94.94	94.964	0.0241
45	50	HDR BIAS	92.625	92.731	0.1055
46	50	HDR UNBIAS	95.24	95.34	0.0999
47	50	HDR UNBIAS	94.186	94.217	0.0309
48	50	HDR UNBIAS	95.383	94.354	-1.0283
49	50	HDR UNBIAS	93.395	94.059	0.664
50	50	HDR UNBIAS	94.412	94.992	0.5808
51	100	HDR BIAS	92.927	92.624	-0.3031
52	100	HDR BIAS	93.415	92.914	-0.5009
53	100	HDR BIAS	93.874	94.713	0.8399
54	100	HDR BIAS	95.676	95.799	0.1228
55	100	HDR BIAS	95.845	95.751	-0.0935
56	100	HDR UNBIAS	94.879	95.473	0.5944
57	100	HDR UNBIAS	94.774	96.137	1.3629
58	100	HDR UNBIAS	94.395	95.238	0.8432
59	100	HDR UNBIAS	96.184	96.173	-0.0111
60	100	HDR UNBIAS	96.407	95.664	-0.743
71	0	CORRELATION	92.741	92.744	0.0034
72	0	CORRELATION	93.977	93.946	-0.0315
73	0	CORRELATION	94.865	94.857	-0.0078

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.741	93.861	94.865	1.067	92.744	93.849	94.857	1.06	-0.0315	-0.011967	0.0034	0.017819
3	92.879	94.667	97.49	1.5233	92.747	94.632	97.415	1.5018	-0.2968	-0.03512	0.1848	0.12712
10	92.895	94.35	95.748	0.95912	92.767	94.312	95.445	1.0134	-0.3974	-0.0384	0.2895	0.22388
30	90.365	94.155	96.243	1.7151	89.997	94.064	96.321	1.7856	-0.5737	-0.09051	0.4223	0.2937
50	92.612	94.274	96.116	1.1771	92.616	94.222	95.34	0.97235	-1.0283	-0.05283	0.664	0.54091
100	92.927	94.838	96.407	1.1926	92.624	95.049	96.173	1.2758	-0.743	0.21116	1.3629	0.67496

Device Test: 20.28 LEVEL|FREQ/SYNC/14/14/0/0/5/100kHz//@FREQ_SYNC_EXT





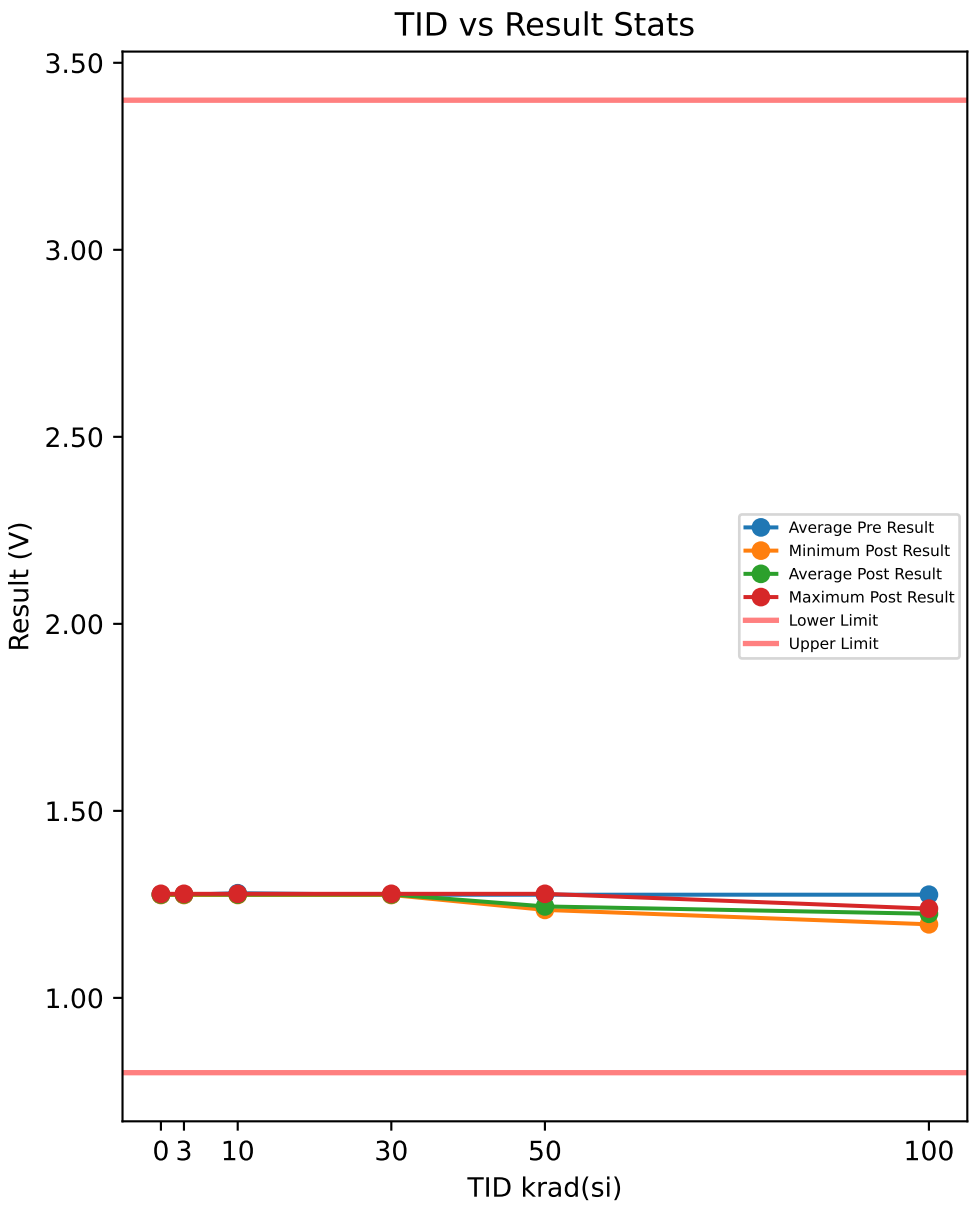
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

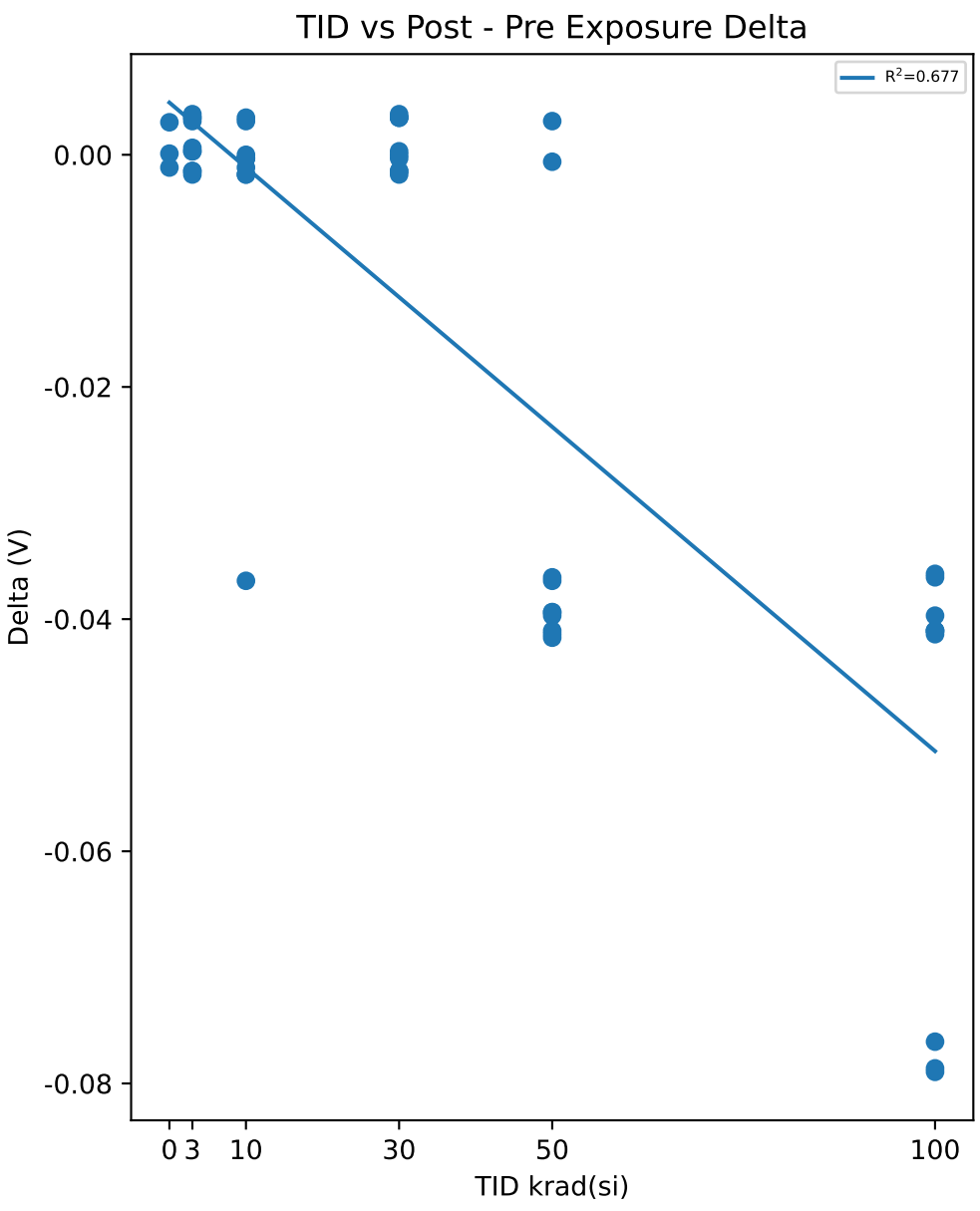
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.994	-0.0063
2	3	HDR BIAS	100	99.991	-0.0092
3	3	HDR BIAS	100	99.995	-0.0081
4	3	HDR BIAS	100	99.994	-0.0063
5	3	HDR BIAS	100	99.992	-0.0095
6	3	HDR UNBIAS	100	99.995	-0.0083
7	3	HDR UNBIAS	100	99.992	-0.0096
8	3	HDR UNBIAS	100	99.991	-0.0103
9	3	HDR UNBIAS	100	99.995	-0.0062
10	3	HDR UNBIAS	100	99.993	-0.008
11	10	HDR BIAS	100	99.992	-0.0111
12	10	HDR BIAS	100	99.995	-0.0083
13	10	HDR BIAS	100	99.993	-0.009
14	10	HDR BIAS	100	99.992	-0.009
15	10	HDR BIAS	100	99.993	-0.0081
16	10	HDR UNBIAS	100	99.993	-0.0094
17	10	HDR UNBIAS	100	99.993	-0.0102
18	10	HDR UNBIAS	100	99.994	-0.0081
19	10	HDR UNBIAS	100	99.992	-0.0093
20	10	HDR UNBIAS	100	99.993	-0.0086
31	30	HDR BIAS	100	99.992	-0.0084
32	30	HDR BIAS	100	99.992	-0.0105
33	30	HDR BIAS	100	99.993	-0.0089
34	30	HDR BIAS	100	99.994	-0.007
35	30	HDR BIAS	100	99.992	-0.0098
36	30	HDR UNBIAS	100	99.993	-0.0087
37	30	HDR UNBIAS	100	99.994	-0.0059
38	30	HDR UNBIAS	100	99.993	-0.0099
39	30	HDR UNBIAS	100	99.995	-0.0083
40	30	HDR UNBIAS	100	99.993	-0.0086
41	50	HDR BIAS	100	99.993	-0.0091
42	50	HDR BIAS	100	99.994	-0.0069
43	50	HDR BIAS	100	99.993	-0.0091
44	50	HDR BIAS	100	99.992	-0.0096
45	50	HDR BIAS	100	99.995	-0.0071
46	50	HDR UNBIAS	100	99.994	-0.007
47	50	HDR UNBIAS	100	99.972	-0.0302
48	50	HDR UNBIAS	100	99.993	-0.008
49	50	HDR UNBIAS	100	99.992	-0.0099
50	50	HDR UNBIAS	100	99.991	-0.0115
51	100	HDR BIAS	100	99.993	-0.0084
52	100	HDR BIAS	100	99.994	-0.0068
53	100	HDR BIAS	100	99.992	-0.0102
54	100	HDR BIAS	100	99.994	-0.0074
55	100	HDR BIAS	100	99.992	-0.0105
56	100	HDR UNBIAS	100	99.993	-0.0094
57	100	HDR UNBIAS	100	99.993	-0.0078
58	100	HDR UNBIAS	100	99.994	-0.0082
59	100	HDR UNBIAS	100	99.993	-0.0088
60	100	HDR UNBIAS	100	99.994	-0.0074
71	0	CORRELATION	100	99.992	-0.0105
72	0	CORRELATION	100	99.993	-0.0089
73	0	CORRELATION	100	99.993	-0.0092

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.00047258	99.992	99.993	99.993	0.00055678	-0.0105	-0.0095333	-0.0089	0.00085049
3	100	100	100	0.0010482	99.991	99.993	99.995	0.0014564	-0.0103	-0.00818	-0.0062	0.0015032
10	100	100	100	0.0007786	99.992	99.993	99.995	0.0010027	-0.0111	-0.00911	-0.0081	0.00095737
30	100	100	100	0.0010646	99.992	99.993	99.995	0.0010761	-0.0105	-0.0086	-0.0059	0.0013671
50	100	100	100	0.00063078	99.972	99.991	99.995	0.0067016	-0.0302	-0.01084	-0.0069	0.0069606
100	100	100	100	0.00062191	99.992	99.993	99.994	0.0007642	-0.0105	-0.00849	-0.0068	0.0012333

Device Test: 20.3 LEVEL|LOW_LEVEL/SYNC/4.8/4.8/0/0/4.5/500kHz//@SYNC_VIL_TH_HIGH_4P5





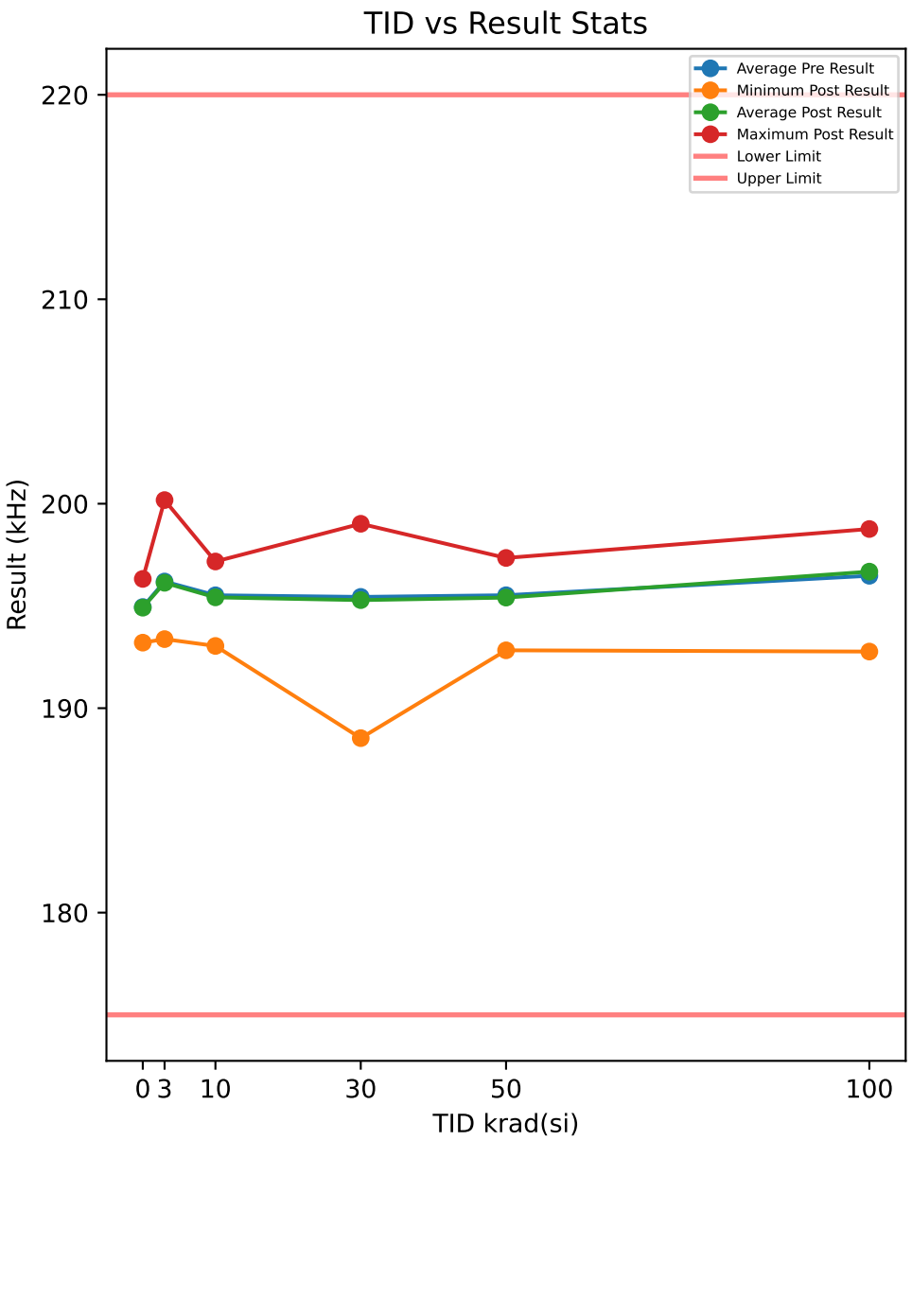
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

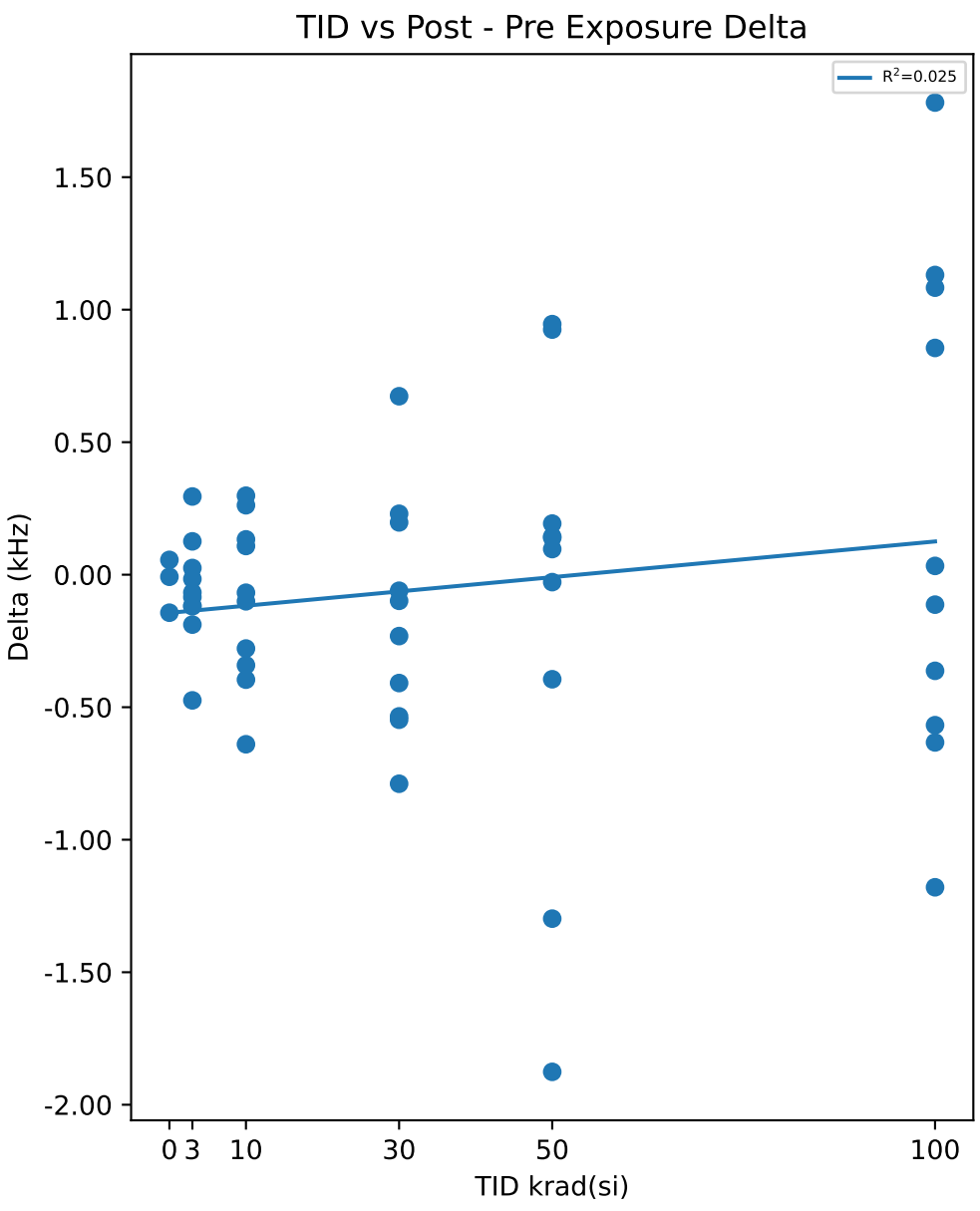
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2753	1.2782	0.0029
2	3	HDR BIAS	1.2757	1.276	0.0003
3	3	HDR BIAS	1.2765	1.2751	-0.0014
4	3	HDR BIAS	1.2747	1.2782	0.0035
5	3	HDR BIAS	1.276	1.2763	0.0003
6	3	HDR UNBIAS	1.2768	1.2754	-0.0014
7	3	HDR UNBIAS	1.275	1.2782	0.0032
8	3	HDR UNBIAS	1.2757	1.2763	0.0006
9	3	HDR UNBIAS	1.2768	1.2751	-0.0017
10	3	HDR UNBIAS	1.2747	1.2779	0.0032
11	10	HDR BIAS	1.276	1.2757	-0.0003
12	10	HDR BIAS	1.2768	1.2751	-0.0017
13	10	HDR BIAS	1.275	1.2782	0.0032
14	10	HDR BIAS	1.2757	1.2754	-0.0003
15	10	HDR BIAS	1.2768	1.2751	-0.0017
16	10	HDR UNBIAS	1.2753	1.2782	0.0029
17	10	HDR UNBIAS	1.2757	1.2757	0
18	10	HDR UNBIAS	1.2765	1.2754	-0.0011
19	10	HDR UNBIAS	1.3146	1.2779	-0.0367
20	10	HDR UNBIAS	1.2757	1.2754	-0.0003
31	30	HDR BIAS	1.2747	1.2782	0.0035
32	30	HDR BIAS	1.2757	1.2754	-0.0003
33	30	HDR BIAS	1.2768	1.2751	-0.0017
34	30	HDR BIAS	1.275	1.2782	0.0032
35	30	HDR BIAS	1.2757	1.2757	0
36	30	HDR UNBIAS	1.2765	1.2751	-0.0014
37	30	HDR UNBIAS	1.275	1.2782	0.0032
38	30	HDR UNBIAS	1.2757	1.276	0.0003
39	30	HDR UNBIAS	1.2768	1.2754	-0.0014
40	30	HDR UNBIAS	1.275	1.2782	0.0032
41	50	HDR BIAS	1.276	1.2754	-0.0006
42	50	HDR BIAS	1.2768	1.2355	-0.0413
43	50	HDR BIAS	1.2753	1.2782	0.0029
44	50	HDR BIAS	1.2757	1.2363	-0.0394
45	50	HDR BIAS	1.2768	1.2358	-0.041
46	50	HDR UNBIAS	1.275	1.2383	-0.0367
47	50	HDR UNBIAS	1.2754	1.236	-0.0394
48	50	HDR UNBIAS	1.2768	1.2352	-0.0416
49	50	HDR UNBIAS	1.275	1.2386	-0.0364
50	50	HDR UNBIAS	1.2757	1.236	-0.0397
51	100	HDR BIAS	1.2768	1.2355	-0.0413
52	100	HDR BIAS	1.2747	1.2386	-0.0361
53	100	HDR BIAS	1.2757	1.197	-0.0787
54	100	HDR BIAS	1.2765	1.2355	-0.041
55	100	HDR BIAS	1.275	1.2386	-0.0364
56	100	HDR UNBIAS	1.2757	1.1967	-0.079
57	100	HDR UNBIAS	1.2768	1.2358	-0.041
58	100	HDR UNBIAS	1.2756	1.1992	-0.0764
59	100	HDR UNBIAS	1.2757	1.236	-0.0397
60	100	HDR UNBIAS	1.2765	1.2355	-0.041
71	0	CORRELATION	1.2754	1.2782	0.0028
72	0	CORRELATION	1.2768	1.2757	-0.0011
73	0	CORRELATION	1.275	1.2751	0.0001

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	1.275	1.2757	1.2768	0.00094516	1.2751	1.2763	1.2782	0.0016442	-0.0011	0.0006	0.0028	0.0019975
3	1.2747	1.2757	1.2768	0.0008025	1.2751	1.2767	1.2782	0.001325	-0.0017	0.00095	0.0035	0.002094
10	1.275	1.2798	1.3146	0.012239	1.2751	1.2762	1.2782	0.001322	-0.0367	-0.0036	0.0032	0.011753
30	1.2747	1.2757	1.2768	0.00078379	1.2751	1.2765	1.2782	0.001444	-0.0017	0.00086	0.0035	0.0021747
50	1.275	1.2758	1.2768	0.00072457	1.2352	1.2445	1.2782	0.017058	-0.0416	-0.03132	0.0029	0.017222
100	1.2747	1.2759	1.2768	0.0007303	1.1967	1.2248	1.2386	0.018823	-0.079	-0.05106	-0.0361	0.018718

Device Test: 20.31 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/200kHz//@FSW_EXT_RT_B





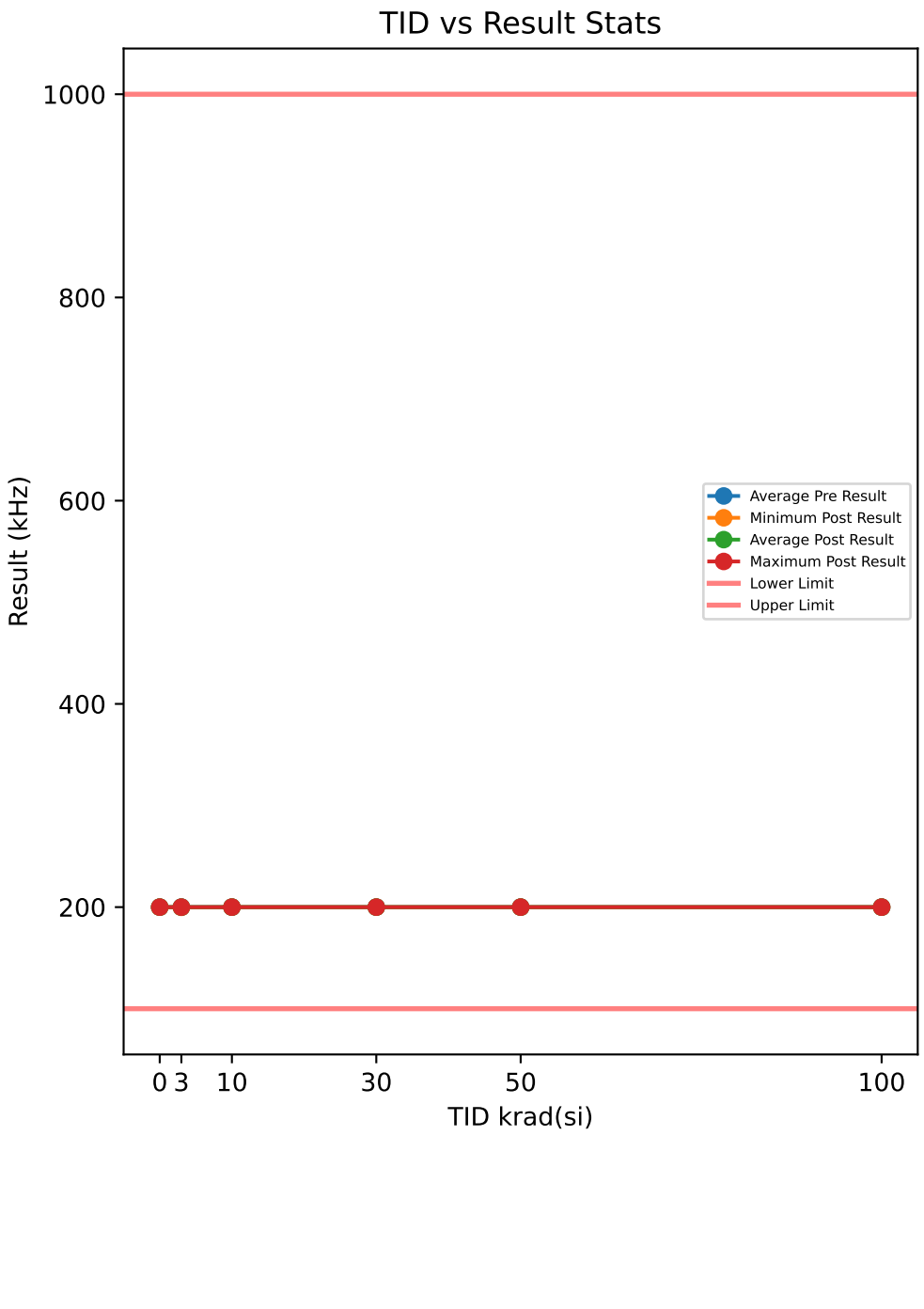
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

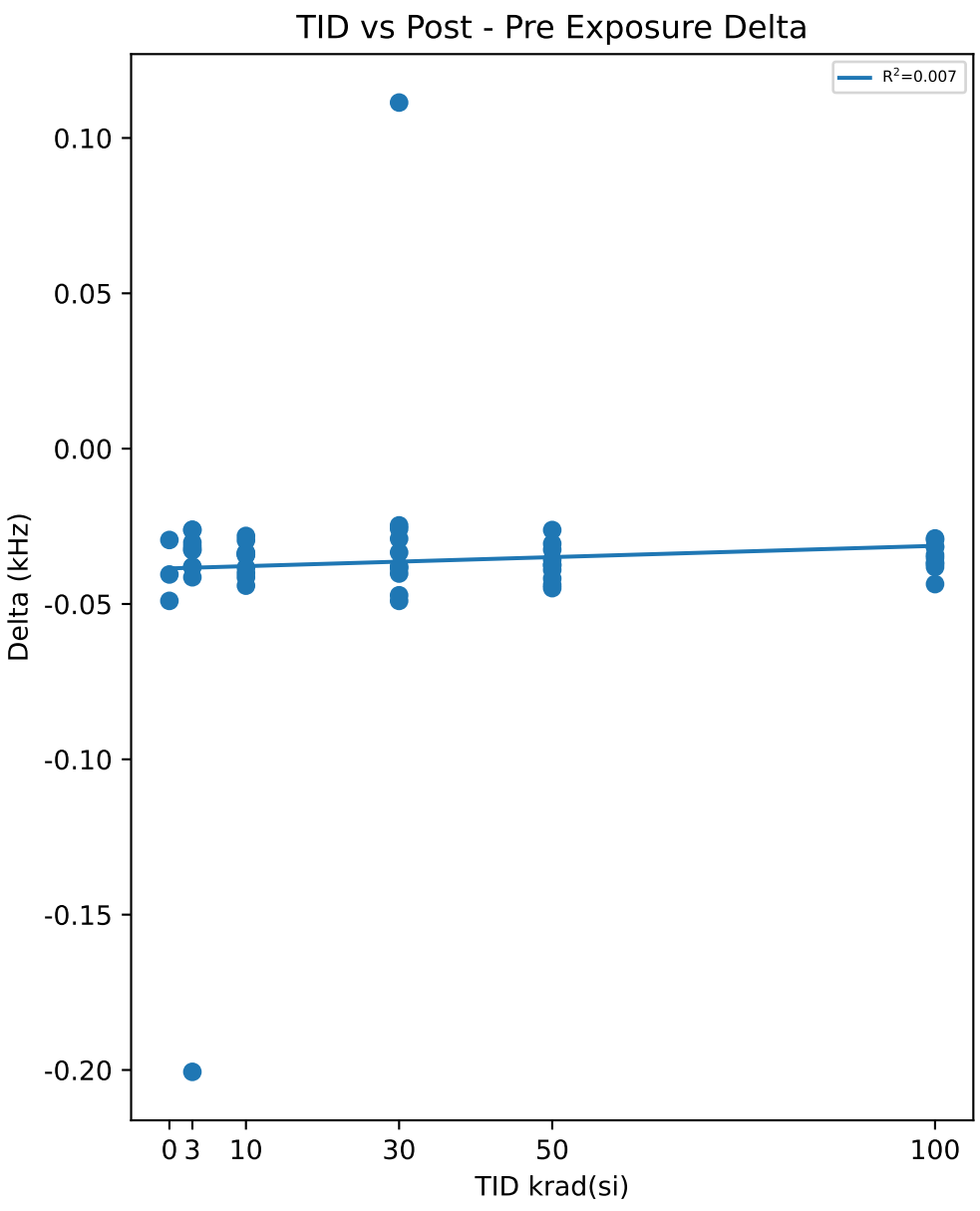
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	194.51	194.64	0.1258
2	3	HDR BIAS	200.29	200.18	-0.1171
3	3	HDR BIAS	193.57	193.38	-0.1883
4	3	HDR BIAS	197.96	197.94	-0.0161
5	3	HDR BIAS	194.18	194.2	0.0253
6	3	HDR UNBIAS	193.76	193.68	-0.0844
7	3	HDR UNBIAS	197.25	197.18	-0.0672
8	3	HDR UNBIAS	195.85	196.14	0.2951
9	3	HDR UNBIAS	197.27	196.79	-0.4742
10	3	HDR UNBIAS	197.32	197.2	-0.1191
11	10	HDR BIAS	196.24	196.5	0.262
12	10	HDR BIAS	195.35	195.28	-0.068
13	10	HDR BIAS	196.48	196.59	0.1083
14	10	HDR BIAS	196.01	196.3	0.2981
15	10	HDR BIAS	193.38	193.04	-0.3417
16	10	HDR UNBIAS	193.28	193.42	0.1333
17	10	HDR UNBIAS	194.02	193.38	-0.6398
18	10	HDR UNBIAS	197.55	197.15	-0.3961
19	10	HDR UNBIAS	197.27	197.17	-0.1004
20	10	HDR UNBIAS	195.64	195.36	-0.2786
31	30	HDR BIAS	194.48	195.15	0.6734
32	30	HDR BIAS	198.82	199.02	0.1973
33	30	HDR BIAS	194.09	193.86	-0.2316
34	30	HDR BIAS	189.07	188.53	-0.5346
35	30	HDR BIAS	197.11	196.57	-0.5473
36	30	HDR UNBIAS	197.02	196.92	-0.0986
37	30	HDR UNBIAS	196.3	196.53	0.2299
38	30	HDR UNBIAS	193.87	193.81	-0.0605
39	30	HDR UNBIAS	198.52	198.11	-0.4088
40	30	HDR UNBIAS	195.13	194.34	-0.7888
41	50	HDR BIAS	194.9	194.5	-0.3945
42	50	HDR BIAS	198.04	196.75	-1.2978
43	50	HDR BIAS	192.64	192.83	0.1929
44	50	HDR BIAS	196.69	196.79	0.0967
45	50	HDR BIAS	192.88	193.03	0.1438
46	50	HDR UNBIAS	196.84	196.98	0.1395
47	50	HDR UNBIAS	195.49	195.46	-0.028
48	50	HDR UNBIAS	196.8	194.93	-1.8759
49	50	HDR UNBIAS	194.52	195.47	0.9455
50	50	HDR UNBIAS	196.42	197.35	0.9249
51	100	HDR BIAS	193.34	192.77	-0.5678
52	100	HDR BIAS	193.92	193.29	-0.6329
53	100	HDR BIAS	194.49	195.62	1.1309
54	100	HDR BIAS	197.99	198.03	0.0332
55	100	HDR BIAS	198.02	197.65	-0.3627
56	100	HDR UNBIAS	196.73	197.59	0.8556
57	100	HDR UNBIAS	196.27	198.05	1.7815
58	100	HDR UNBIAS	195.83	196.91	1.083
59	100	HDR UNBIAS	198.88	198.76	-0.113
60	100	HDR UNBIAS	199.3	198.12	-1.1795
71	0	CORRELATION	193.21	193.2	-0.0078
72	0	CORRELATION	195.36	195.22	-0.1434
73	0	CORRELATION	196.27	196.32	0.0559

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	193.21	194.95	196.27	1.5685	193.2	194.92	196.32	1.5806	-0.1434	-0.031767	0.0559	0.10179
3	193.57	196.19	200.29	2.1931	193.38	196.13	200.18	2.1571	-0.4742	-0.06202	0.2951	0.20144
10	193.28	195.52	197.55	1.5174	193.04	195.42	197.17	1.6069	-0.6398	-0.10229	0.2981	0.30871
30	189.07	195.44	198.82	2.8451	188.53	195.28	199.02	2.9531	-0.7888	-0.15696	0.6734	0.43977
50	192.64	195.52	198.04	1.7828	192.83	195.41	197.35	1.6095	-1.8759	-0.11529	0.9455	0.88587
100	193.34	196.48	199.3	2.0889	192.77	196.68	198.76	2.1047	-1.1795	0.20283	1.7815	0.95486

Device Test: 20.32 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/200kHz//@FREQ_SYNC_EXT





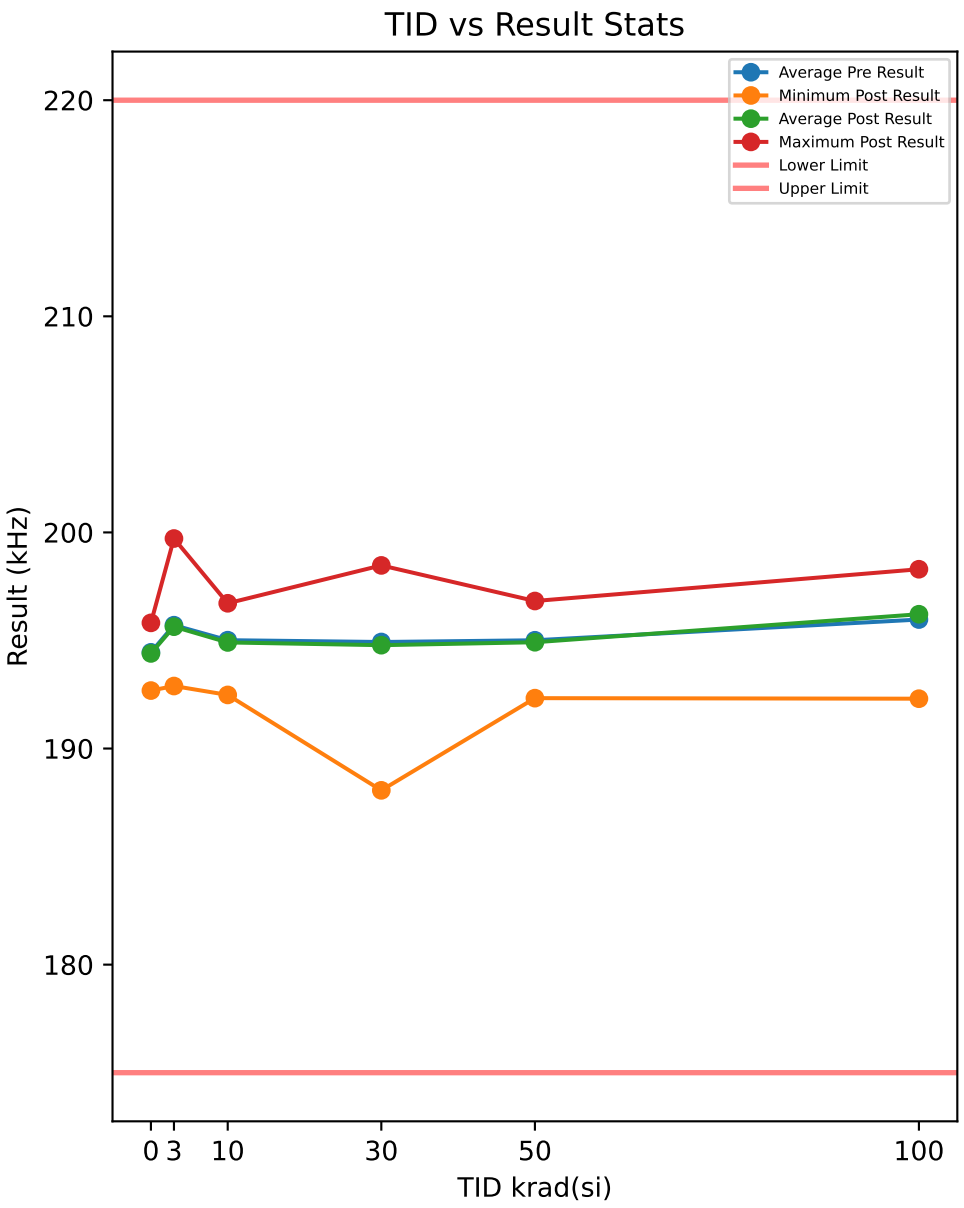
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

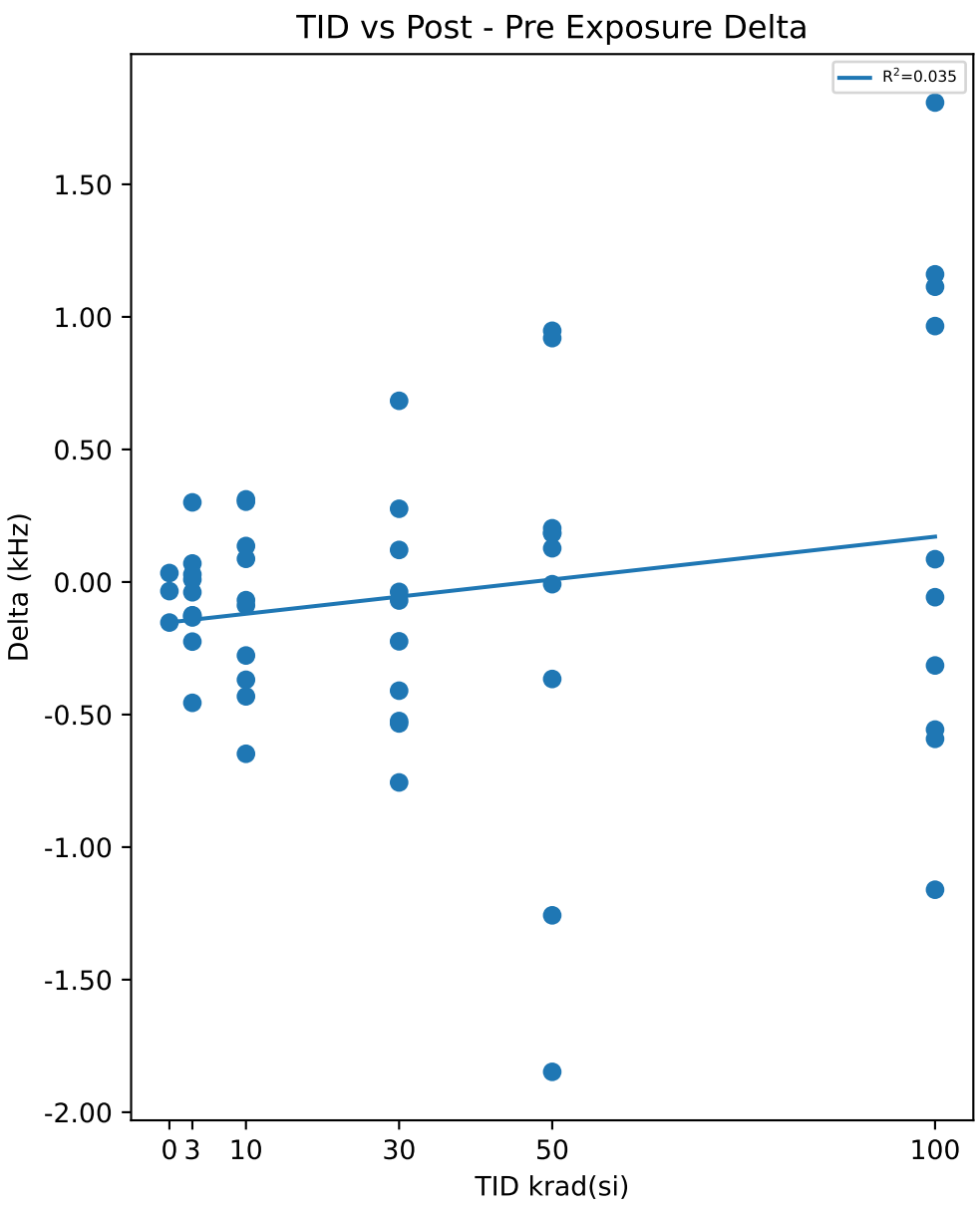
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200	199.98	-0.0262
2	3	HDR BIAS	200.01	199.98	-0.0314
3	3	HDR BIAS	200.01	199.97	-0.0324
4	3	HDR BIAS	200.01	199.97	-0.0414
5	3	HDR BIAS	200.01	199.97	-0.0381
6	3	HDR UNBIAS	200.01	199.98	-0.0327
7	3	HDR UNBIAS	200.01	199.98	-0.0302
8	3	HDR UNBIAS	200	199.8	-0.2006
9	3	HDR UNBIAS	200.01	199.97	-0.038
10	3	HDR UNBIAS	200	199.98	-0.0261
11	10	HDR BIAS	200.01	199.97	-0.0383
12	10	HDR BIAS	200.01	199.97	-0.0342
13	10	HDR BIAS	200.01	199.97	-0.0414
14	10	HDR BIAS	200.01	199.97	-0.0441
15	10	HDR BIAS	200.01	199.97	-0.0335
16	10	HDR UNBIAS	200	199.97	-0.0281
17	10	HDR UNBIAS	200.01	199.97	-0.0341
18	10	HDR UNBIAS	200.01	199.97	-0.04
19	10	HDR UNBIAS	200.01	199.98	-0.0295
20	10	HDR UNBIAS	200.01	199.97	-0.0337
31	30	HDR BIAS	200	199.98	-0.0258
32	30	HDR BIAS	200.01	199.97	-0.0472
33	30	HDR BIAS	200.01	199.98	-0.0334
34	30	HDR BIAS	200.01	199.97	-0.0402
35	30	HDR BIAS	200.01	199.98	-0.0379
36	30	HDR UNBIAS	200.01	199.98	-0.0247
37	30	HDR UNBIAS	200	199.97	-0.029
38	30	HDR UNBIAS	200.02	199.97	-0.049
39	30	HDR UNBIAS	200.01	199.97	-0.0385
40	30	HDR UNBIAS	199.87	199.98	0.1114
41	50	HDR BIAS	200.01	199.97	-0.0418
42	50	HDR BIAS	200	199.97	-0.0306
43	50	HDR BIAS	200.01	199.98	-0.0325
44	50	HDR BIAS	200.01	199.97	-0.0439
45	50	HDR BIAS	200.01	199.98	-0.0262
46	50	HDR UNBIAS	200.01	199.97	-0.0374
47	50	HDR UNBIAS	200	199.97	-0.039
48	50	HDR UNBIAS	200.01	199.97	-0.0357
49	50	HDR UNBIAS	200.01	199.97	-0.0375
50	50	HDR UNBIAS	200.01	199.97	-0.0449
51	100	HDR BIAS	200.01	199.98	-0.0316
52	100	HDR BIAS	200.01	199.97	-0.0316
53	100	HDR BIAS	200	199.97	-0.0293
54	100	HDR BIAS	200.01	199.97	-0.0371
55	100	HDR BIAS	200.01	199.97	-0.0367
56	100	HDR UNBIAS	200.01	199.97	-0.0436
57	100	HDR UNBIAS	200.01	199.98	-0.0342
58	100	HDR UNBIAS	200.01	199.97	-0.0381
59	100	HDR UNBIAS	200.01	199.98	-0.0289
60	100	HDR UNBIAS	200.01	199.97	-0.0351
71	0	CORRELATION	200.01	199.97	-0.0405
72	0	CORRELATION	200.01	199.96	-0.049
73	0	CORRELATION	200.01	199.98	-0.0294

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200.01	200.01	200.01	0.0024583	199.96	199.97	199.98	0.0074115	-0.049	-0.039633	-0.0294	0.0098287
3	200	200.01	200.01	0.0037636	199.8	199.96	199.98	0.05405	-0.2006	-0.04971	-0.0261	0.053254
10	200	200.01	200.01	0.0042667	199.97	199.97	199.98	0.0027052	-0.0441	-0.03569	-0.0281	0.005144
30	199.87	200	200.02	0.045951	199.97	199.97	199.98	0.0052484	-0.049	-0.02143	0.1114	0.047391
50	200	200.01	200.01	0.0028021	199.97	199.97	199.98	0.0046164	-0.0449	-0.03695	-0.0262	0.0059347
100	200	200.01	200.01	0.0035075	199.97	199.97	199.98	0.0036525	-0.0436	-0.03462	-0.0289	0.004508

Device Test: 20.33 LEVEL|FREQ/RT/5/5/0/0/5/200kHz//@FSW_EXT_RT_B





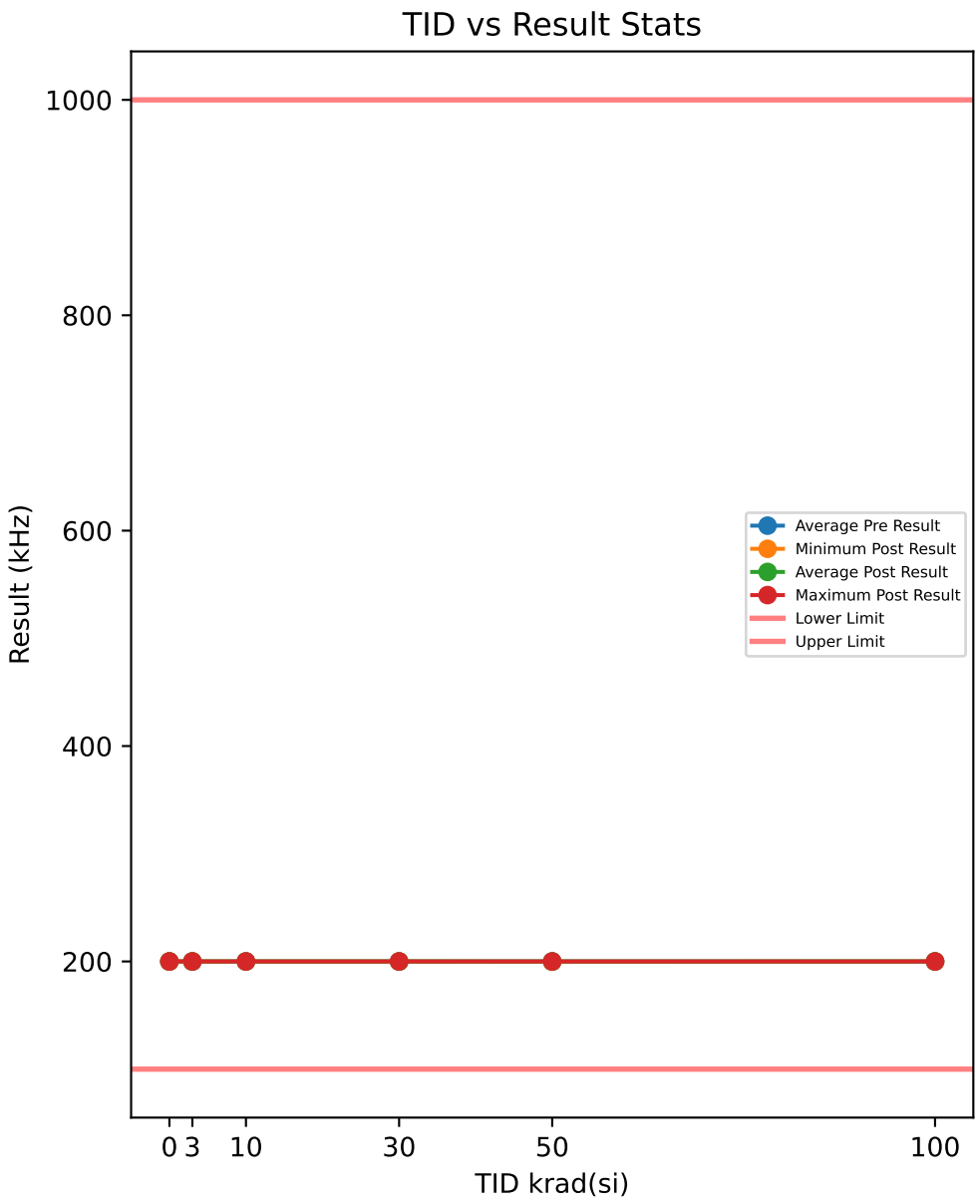
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

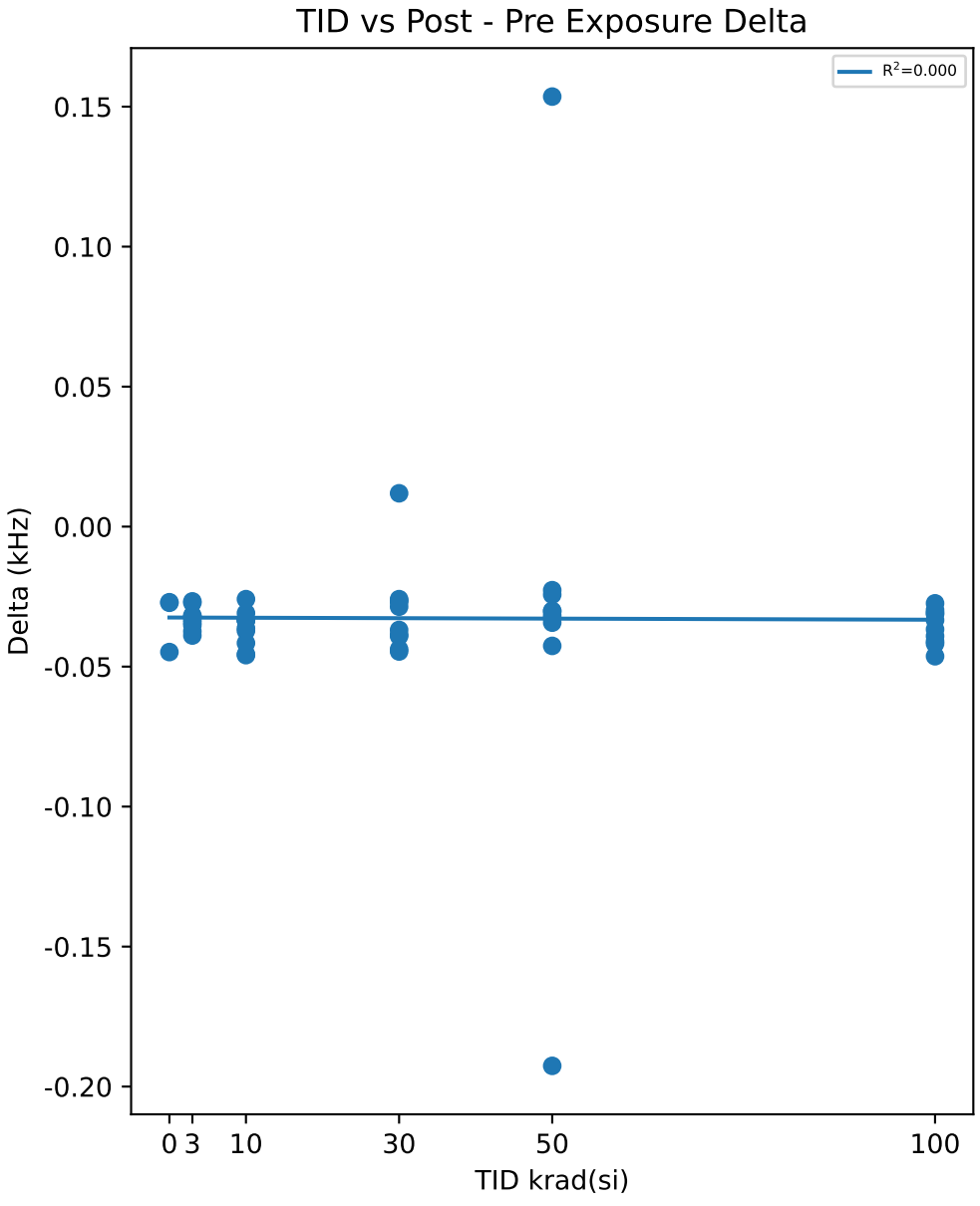
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	194.01	194.08	0.0699
2	3	HDR BIAS	199.84	199.72	-0.1255
3	3	HDR BIAS	193.12	192.89	-0.2249
4	3	HDR BIAS	197.46	197.47	0.0093
5	3	HDR BIAS	193.68	193.7	0.0286
6	3	HDR UNBIAS	193.29	193.16	-0.1269
7	3	HDR UNBIAS	196.77	196.73	-0.0388
8	3	HDR UNBIAS	195.35	195.65	0.3003
9	3	HDR UNBIAS	196.73	196.28	-0.4558
10	3	HDR UNBIAS	196.82	196.69	-0.1338
11	10	HDR BIAS	195.74	196.04	0.3029
12	10	HDR BIAS	194.82	194.75	-0.0685
13	10	HDR BIAS	195.95	196.04	0.0874
14	10	HDR BIAS	195.5	195.82	0.3117
15	10	HDR BIAS	192.85	192.48	-0.3688
16	10	HDR UNBIAS	192.81	192.95	0.1357
17	10	HDR UNBIAS	193.49	192.84	-0.648
18	10	HDR UNBIAS	197.03	196.6	-0.4314
19	10	HDR UNBIAS	196.81	196.72	-0.0881
20	10	HDR UNBIAS	195.13	194.85	-0.2773
31	30	HDR BIAS	193.95	194.63	0.6834
32	30	HDR BIAS	198.35	198.47	0.1209
33	30	HDR BIAS	193.59	193.37	-0.2238
34	30	HDR BIAS	188.59	188.07	-0.5244
35	30	HDR BIAS	196.59	196.06	-0.5336
36	30	HDR UNBIAS	196.52	196.45	-0.0699
37	30	HDR UNBIAS	195.77	196.04	0.2762
38	30	HDR UNBIAS	193.34	193.31	-0.0373
39	30	HDR UNBIAS	197.98	197.57	-0.41
40	30	HDR UNBIAS	194.61	193.85	-0.7561
41	50	HDR BIAS	194.36	193.99	-0.3658
42	50	HDR BIAS	197.5	196.24	-1.2573
43	50	HDR BIAS	192.13	192.33	0.2027
44	50	HDR BIAS	196.17	196.3	0.1272
45	50	HDR BIAS	192.39	192.58	0.183
46	50	HDR UNBIAS	196.35	196.54	0.1856
47	50	HDR UNBIAS	195.03	195.03	-0.0083
48	50	HDR UNBIAS	196.29	194.44	-1.8477
49	50	HDR UNBIAS	193.96	194.91	0.9476
50	50	HDR UNBIAS	195.91	196.83	0.9199
51	100	HDR BIAS	192.86	192.31	-0.5567
52	100	HDR BIAS	193.4	192.81	-0.5917
53	100	HDR BIAS	194.01	195.17	1.1605
54	100	HDR BIAS	197.49	197.57	0.086
55	100	HDR BIAS	197.52	197.2	-0.3149
56	100	HDR UNBIAS	196.21	197.17	0.9653
57	100	HDR UNBIAS	195.75	197.56	1.8084
58	100	HDR UNBIAS	195.33	196.45	1.1137
59	100	HDR UNBIAS	198.35	198.3	-0.0574
60	100	HDR UNBIAS	198.77	197.61	-1.1607
71	0	CORRELATION	192.72	192.68	-0.0344
72	0	CORRELATION	194.86	194.7	-0.153
73	0	CORRELATION	195.78	195.81	0.0338

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.72	194.45	195.78	1.5719	192.68	194.4	195.81	1.5882	-0.153	-0.0512	0.0338	0.094526
3	193.12	195.71	199.84	2.1939	192.89	195.64	199.72	2.1747	-0.4558	-0.06976	0.3003	0.19914
10	192.81	195.01	197.03	1.522	192.48	194.91	196.72	1.6183	-0.648	-0.10444	0.3117	0.32271
30	188.59	194.93	198.35	2.8396	188.07	194.78	198.47	2.9358	-0.7561	-0.14746	0.6834	0.43415
50	192.13	195.01	197.5	1.778	192.33	194.92	196.83	1.6048	-1.8477	-0.09131	0.9476	0.87653
100	192.86	195.97	198.77	2.0764	192.31	196.21	198.3	2.1032	-1.1607	0.24525	1.8084	0.9606

Device Test: 20.34 LEVEL|FREQ/SYNC/5/5/0/0/5/200kHz//@FREQ_SYNC_EXT





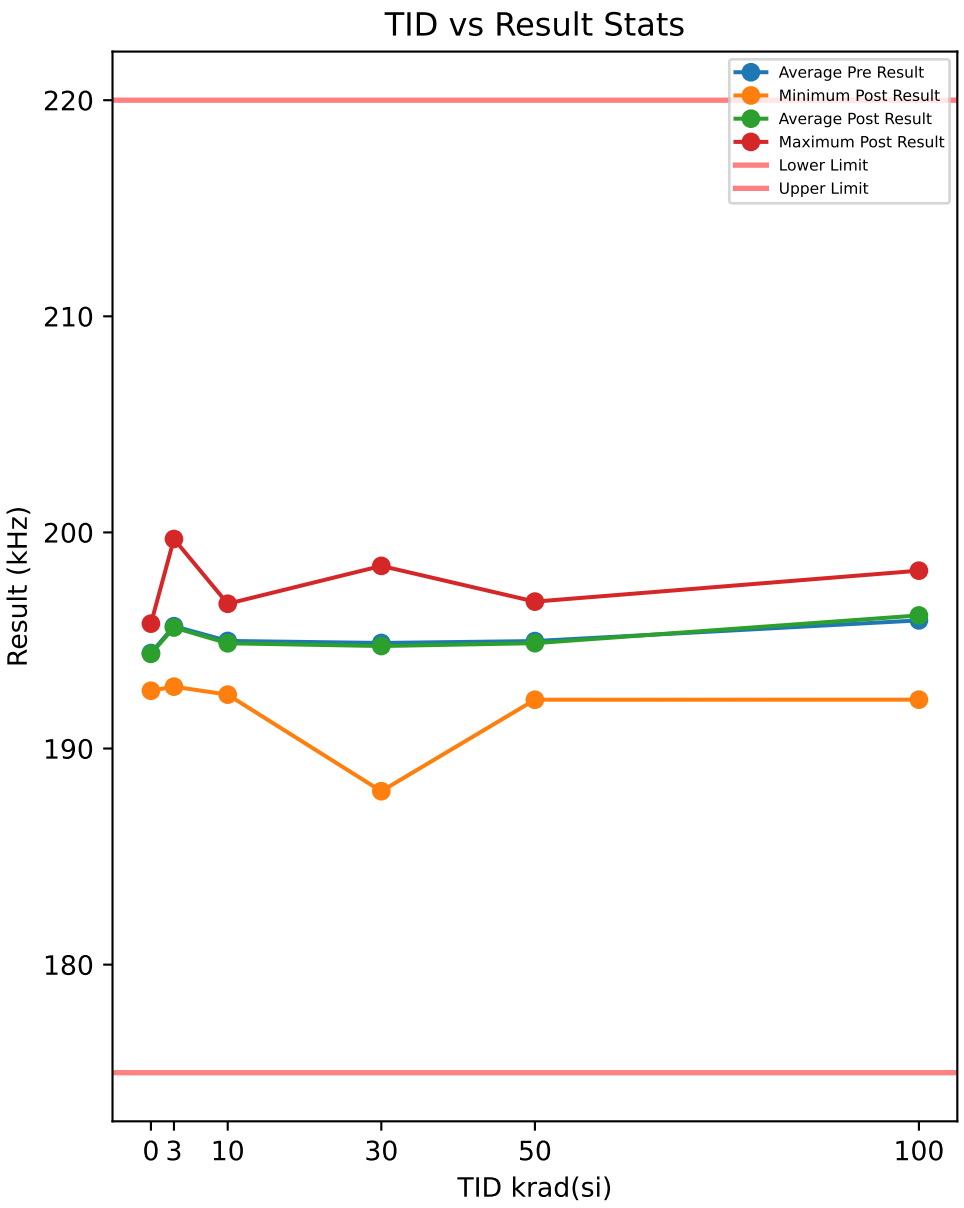
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

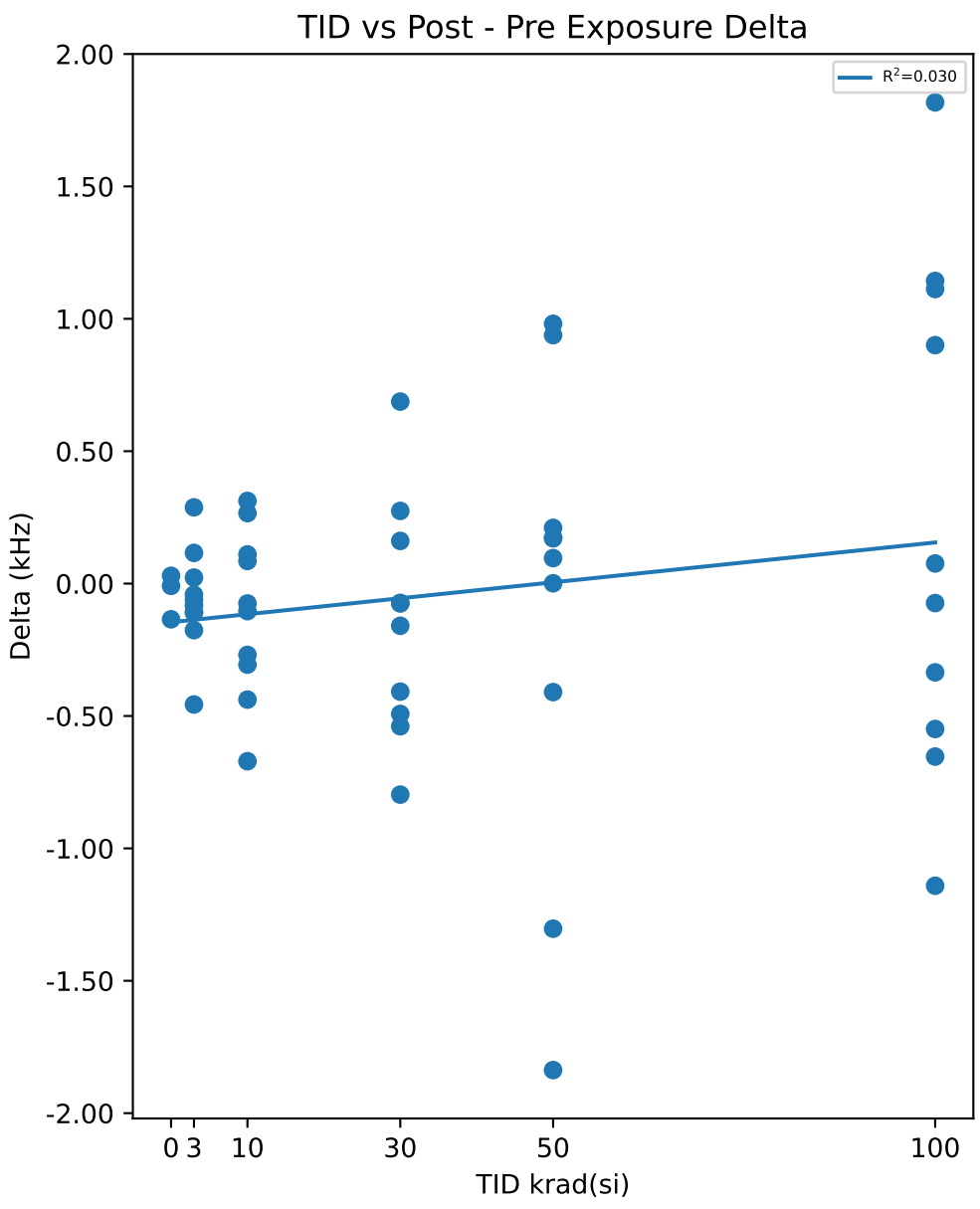
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200.01	199.97	-0.0374
2	3	HDR BIAS	200	199.98	-0.0272
3	3	HDR BIAS	200.01	199.97	-0.0333
4	3	HDR BIAS	200	199.98	-0.0267
5	3	HDR BIAS	200.01	199.97	-0.0389
6	3	HDR UNBIAS	200.01	199.98	-0.0323
7	3	HDR UNBIAS	200	199.97	-0.0317
8	3	HDR UNBIAS	200.01	199.98	-0.0352
9	3	HDR UNBIAS	200	199.97	-0.0322
10	3	HDR UNBIAS	200.01	199.98	-0.0343
11	10	HDR BIAS	200.01	199.97	-0.0416
12	10	HDR BIAS	200.01	199.98	-0.0309
13	10	HDR BIAS	200.01	199.97	-0.0372
14	10	HDR BIAS	200.01	199.97	-0.0456
15	10	HDR BIAS	200.01	199.98	-0.0259
16	10	HDR UNBIAS	200	199.97	-0.0335
17	10	HDR UNBIAS	200	199.97	-0.0363
18	10	HDR UNBIAS	200.01	199.97	-0.0335
19	10	HDR UNBIAS	200	199.97	-0.0332
20	10	HDR UNBIAS	200.01	199.97	-0.0459
31	30	HDR BIAS	200	199.98	-0.0259
32	30	HDR BIAS	200.01	199.97	-0.0438
33	30	HDR BIAS	200.01	199.97	-0.0391
34	30	HDR BIAS	200.01	199.97	-0.0386
35	30	HDR BIAS	200.01	199.97	-0.0446
36	30	HDR UNBIAS	200.01	199.98	-0.0286
37	30	HDR UNBIAS	200.01	199.97	-0.0369
38	30	HDR UNBIAS	199.96	199.97	0.0119
39	30	HDR UNBIAS	200.01	199.98	-0.0269
40	30	HDR UNBIAS	200	199.98	-0.0264
41	50	HDR BIAS	200.01	199.97	-0.0426
42	50	HDR BIAS	200	199.97	-0.0302
43	50	HDR BIAS	199.82	199.98	0.1536
44	50	HDR BIAS	200	199.81	-0.1926
45	50	HDR BIAS	200	199.98	-0.0227
46	50	HDR UNBIAS	200	199.98	-0.0243
47	50	HDR UNBIAS	200.01	199.98	-0.0328
48	50	HDR UNBIAS	200.01	199.97	-0.0317
49	50	HDR UNBIAS	200.01	199.98	-0.0343
50	50	HDR UNBIAS	200	199.97	-0.0301
51	100	HDR BIAS	200.01	199.98	-0.0334
52	100	HDR BIAS	200	199.98	-0.0274
53	100	HDR BIAS	200.01	199.97	-0.0391
54	100	HDR BIAS	200.01	199.98	-0.0298
55	100	HDR BIAS	200	199.97	-0.0312
56	100	HDR UNBIAS	200.01	199.97	-0.041
57	100	HDR UNBIAS	200.01	199.97	-0.0367
58	100	HDR UNBIAS	200	199.97	-0.0308
59	100	HDR UNBIAS	200.01	199.97	-0.0463
60	100	HDR UNBIAS	200.01	199.97	-0.0418
71	0	CORRELATION	200	199.98	-0.027
72	0	CORRELATION	200.01	199.97	-0.0448
73	0	CORRELATION	200	199.97	-0.0272

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200	200.01	200.01	0.0051029	199.97	199.97	199.98	0.0052915	-0.0448	-0.033	-0.027	0.01022
3	200	200.01	200.01	0.0039178	199.97	199.97	199.98	0.0040524	-0.0389	-0.03292	-0.0267	0.0038998
10	200	200.01	200.01	0.0040727	199.97	199.97	199.98	0.0047169	-0.0459	-0.03636	-0.0259	0.0064129
30	199.96	200	200.01	0.014893	199.97	199.97	199.98	0.0048735	-0.0446	-0.02989	0.0119	0.016346
50	199.82	199.99	200.01	0.058202	199.81	199.96	199.98	0.051663	-0.1926	-0.02877	0.1536	0.081926
100	200	200.01	200.01	0.0041897	199.97	199.97	199.98	0.0045254	-0.0463	-0.03575	-0.0274	0.0061774

Device Test: 20.35 LEVEL|FREQ/RT/12/12/0/0/5/200kHz//@FSW_EXT_RT_B





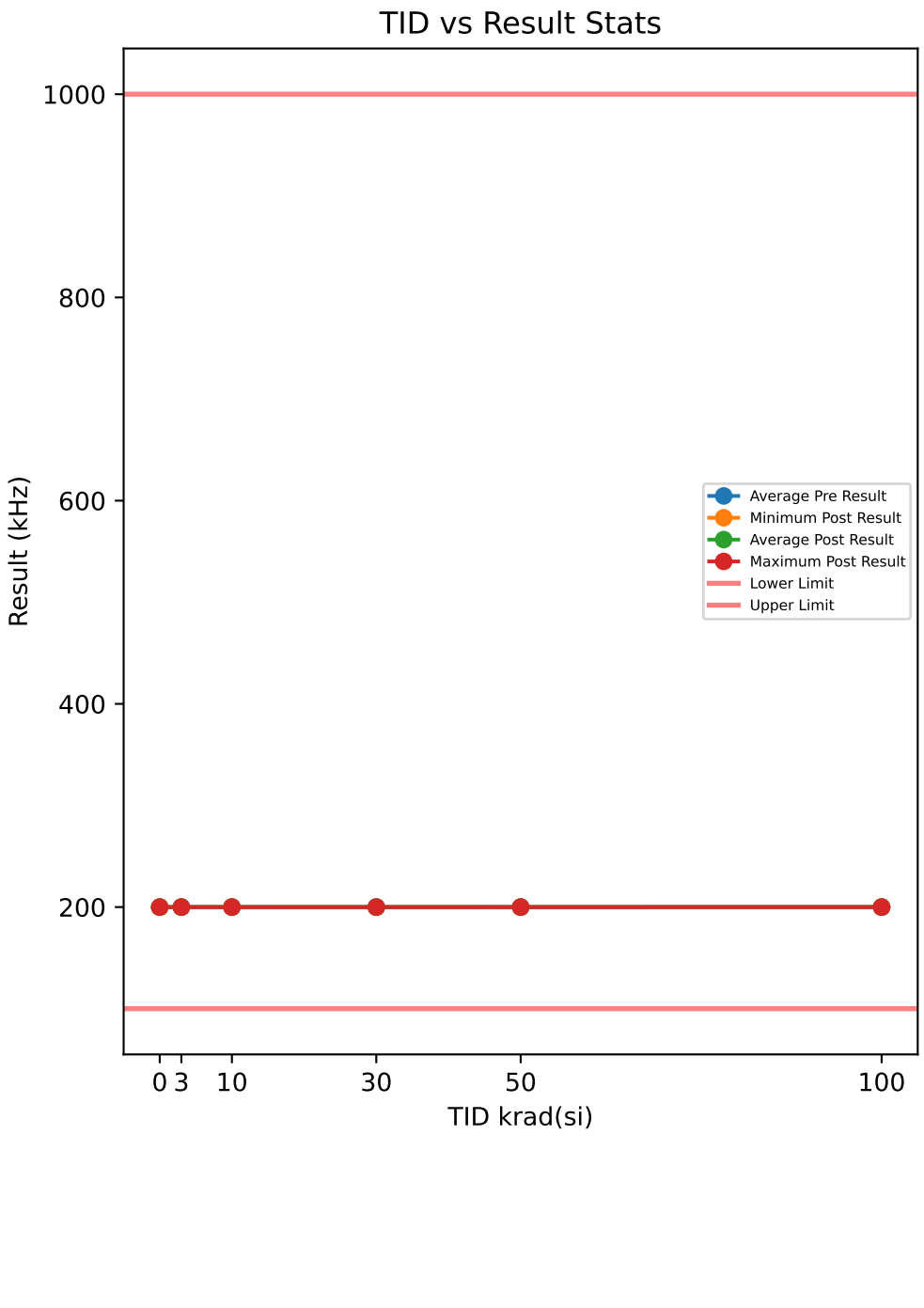
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

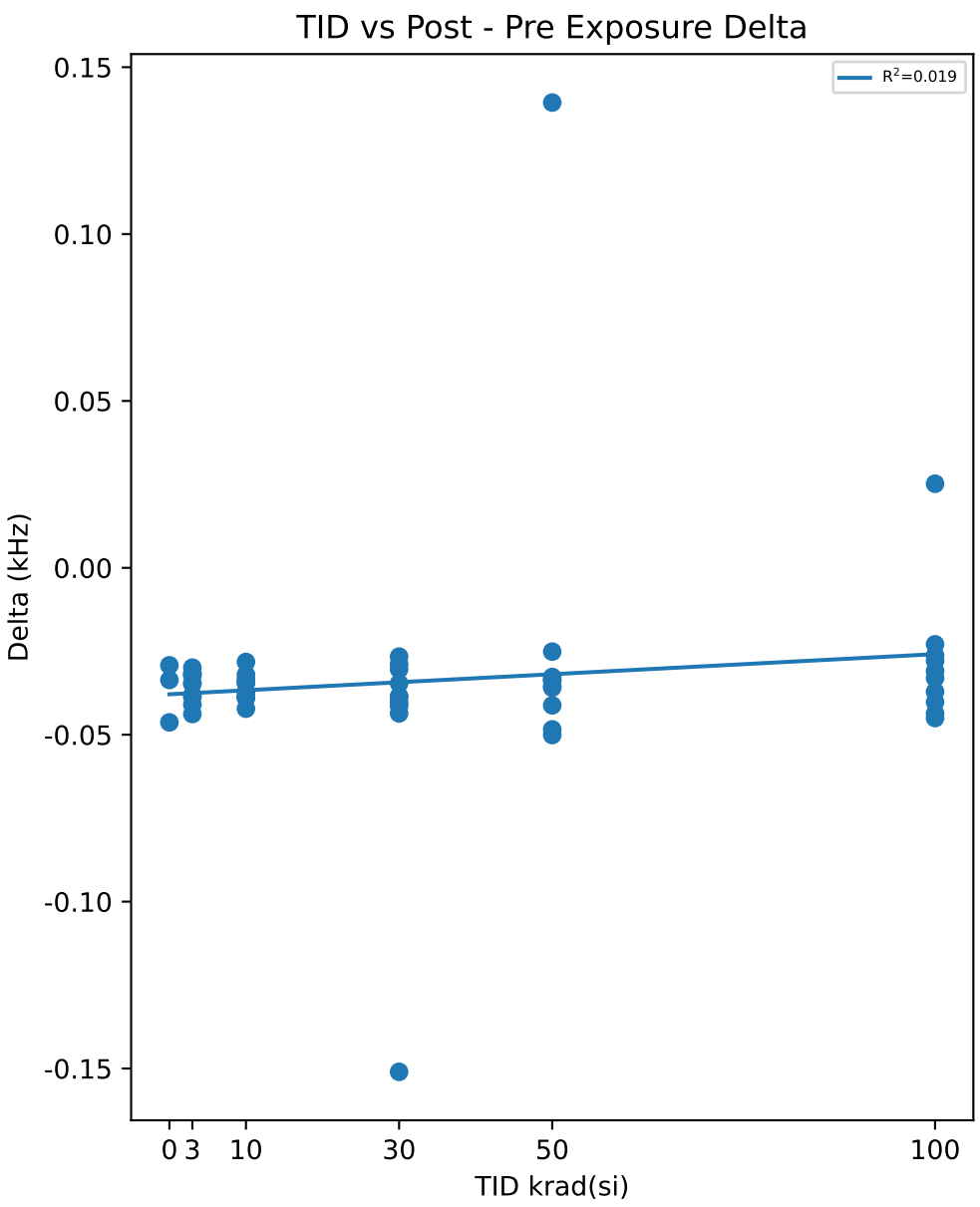
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	193.95	194.06	0.1159
2	3	HDR BIAS	199.81	199.7	-0.1087
3	3	HDR BIAS	193.04	192.86	-0.1759
4	3	HDR BIAS	197.45	197.41	-0.0419
5	3	HDR BIAS	193.65	193.67	0.0227
6	3	HDR UNBIAS	193.23	193.15	-0.0828
7	3	HDR UNBIAS	196.73	196.67	-0.0604
8	3	HDR UNBIAS	195.29	195.57	0.2879
9	3	HDR UNBIAS	196.69	196.23	-0.4566
10	3	HDR UNBIAS	196.79	196.68	-0.1082
11	10	HDR BIAS	195.72	195.98	0.2661
12	10	HDR BIAS	194.78	194.7	-0.075
13	10	HDR BIAS	195.91	196.02	0.1102
14	10	HDR BIAS	195.5	195.81	0.3122
15	10	HDR BIAS	192.8	192.49	-0.306
16	10	HDR UNBIAS	192.78	192.87	0.0853
17	10	HDR UNBIAS	193.43	192.76	-0.6709
18	10	HDR UNBIAS	196.99	196.55	-0.4382
19	10	HDR UNBIAS	196.8	196.7	-0.104
20	10	HDR UNBIAS	195.09	194.82	-0.2692
31	30	HDR BIAS	193.88	194.57	0.6874
32	30	HDR BIAS	198.29	198.45	0.1611
33	30	HDR BIAS	193.54	193.38	-0.1593
34	30	HDR BIAS	188.56	188.02	-0.5389
35	30	HDR BIAS	196.55	196.06	-0.4923
36	30	HDR UNBIAS	196.48	196.41	-0.075
37	30	HDR UNBIAS	195.69	195.96	0.2745
38	30	HDR UNBIAS	193.31	193.24	-0.0728
39	30	HDR UNBIAS	197.93	197.52	-0.4081
40	30	HDR UNBIAS	194.6	193.81	-0.797
41	50	HDR BIAS	194.36	193.95	-0.4098
42	50	HDR BIAS	197.46	196.15	-1.3034
43	50	HDR BIAS	192.09	192.26	0.1728
44	50	HDR BIAS	196.16	196.25	0.0963
45	50	HDR BIAS	192.34	192.55	0.2105
46	50	HDR UNBIAS	196.34	196.51	0.1711
47	50	HDR UNBIAS	194.98	194.98	0.0012
48	50	HDR UNBIAS	196.26	194.42	-1.8373
49	50	HDR UNBIAS	193.9	194.88	0.9811
50	50	HDR UNBIAS	195.86	196.8	0.9383
51	100	HDR BIAS	192.81	192.26	-0.5492
52	100	HDR BIAS	193.37	192.72	-0.6533
53	100	HDR BIAS	193.97	195.11	1.1431
54	100	HDR BIAS	197.46	197.54	0.076
55	100	HDR BIAS	197.46	197.13	-0.3353
56	100	HDR UNBIAS	196.19	197.09	0.9005
57	100	HDR UNBIAS	195.72	197.54	1.8173
58	100	HDR UNBIAS	195.3	196.42	1.1124
59	100	HDR UNBIAS	198.3	198.23	-0.0735
60	100	HDR UNBIAS	198.71	197.57	-1.1411
71	0	CORRELATION	192.68	192.67	-0.0086
72	0	CORRELATION	194.82	194.69	-0.1348
73	0	CORRELATION	195.75	195.78	0.0294

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.68	194.42	195.75	1.5726	192.67	194.38	195.78	1.5748	-0.1348	-0.038	0.0294	0.085957
3	193.04	195.66	199.81	2.2048	192.86	195.6	199.7	2.169	-0.4566	-0.0608	0.2879	0.19295
10	192.78	194.98	196.99	1.5299	192.49	194.87	196.7	1.6245	-0.6709	-0.10895	0.3122	0.31511
30	188.56	194.88	198.29	2.8315	188.02	194.74	198.45	2.9366	-0.797	-0.14204	0.6874	0.44006
50	192.09	194.97	197.46	1.7856	192.26	194.87	196.8	1.6074	-1.8373	-0.09792	0.9811	0.88834
100	192.81	195.93	198.71	2.0732	192.26	196.16	198.23	2.11	-1.1411	0.22969	1.8173	0.95941

Device Test: 20.36 LEVEL|FREQ/SYNC/12/12/0/0/5/200kHz//@FREQ_SYNC_EXT





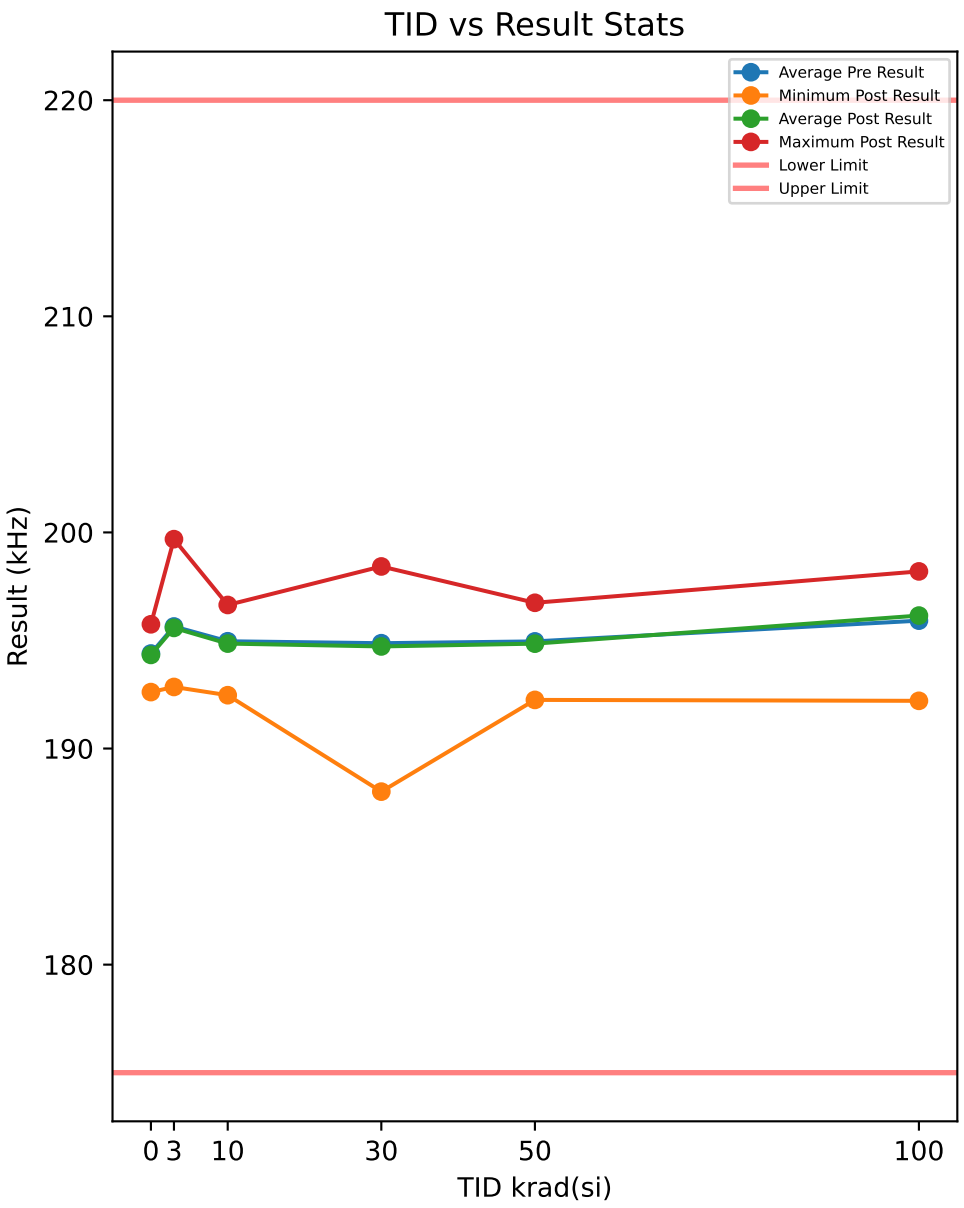
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

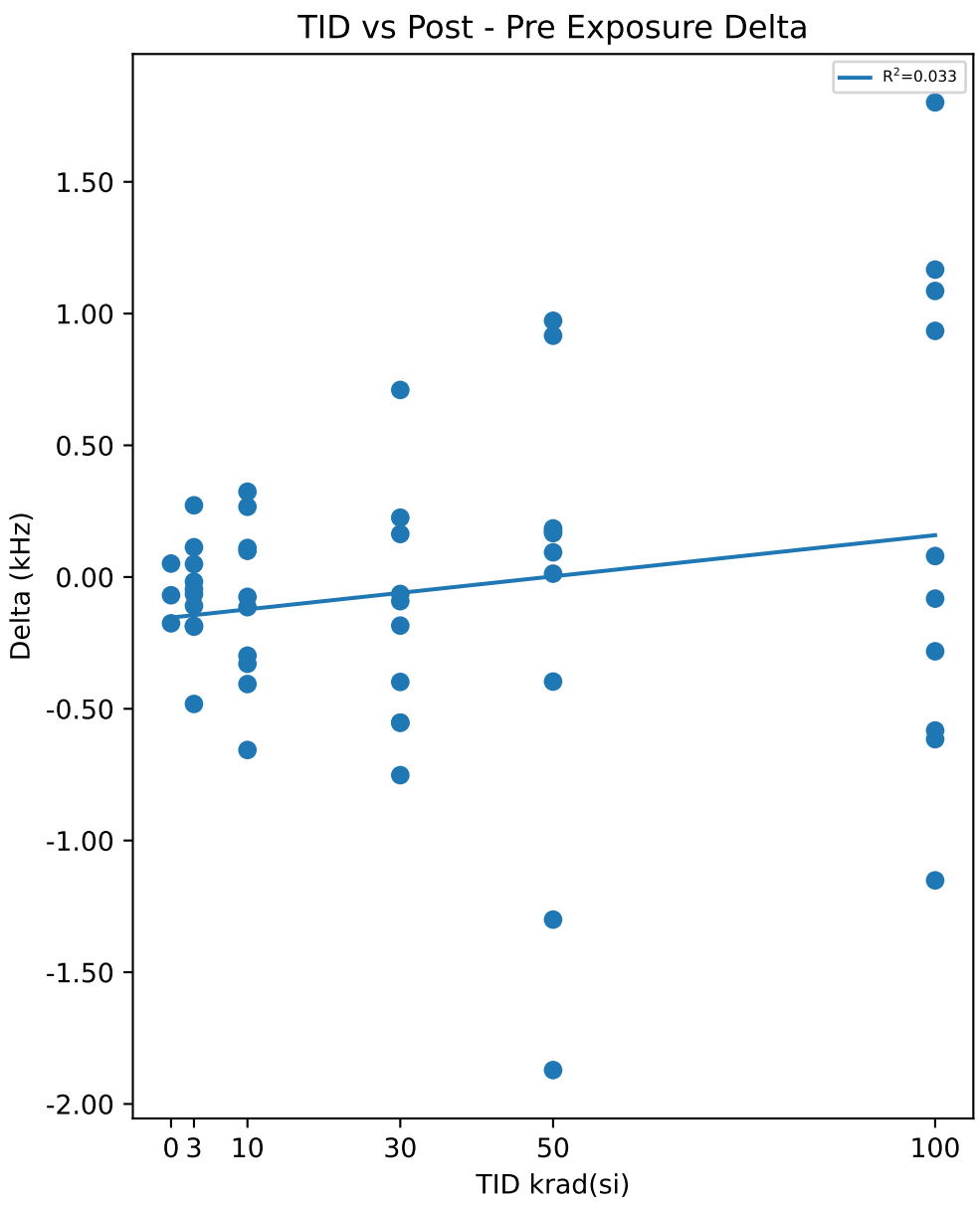
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200	199.97	-0.0316
2	3	HDR BIAS	200.01	199.97	-0.0438
3	3	HDR BIAS	200.01	199.97	-0.041
4	3	HDR BIAS	200.01	199.98	-0.032
5	3	HDR BIAS	200.01	199.97	-0.0387
6	3	HDR UNBIAS	200.01	199.97	-0.0322
7	3	HDR UNBIAS	200.01	199.98	-0.0347
8	3	HDR UNBIAS	200.01	199.97	-0.0345
9	3	HDR UNBIAS	200.01	199.98	-0.0299
10	3	HDR UNBIAS	200.01	199.97	-0.0381
11	10	HDR BIAS	200	199.97	-0.0333
12	10	HDR BIAS	200.01	199.97	-0.0388
13	10	HDR BIAS	200	199.97	-0.0372
14	10	HDR BIAS	200.01	199.98	-0.039
15	10	HDR BIAS	200.02	199.97	-0.0422
16	10	HDR UNBIAS	200.01	199.97	-0.0345
17	10	HDR UNBIAS	200.01	199.97	-0.0383
18	10	HDR UNBIAS	200.01	199.98	-0.0282
19	10	HDR UNBIAS	200.01	199.98	-0.032
20	10	HDR UNBIAS	200.01	199.97	-0.0343
31	30	HDR BIAS	200.01	199.97	-0.0385
32	30	HDR BIAS	200.01	199.97	-0.0436
33	30	HDR BIAS	200.01	199.97	-0.0414
34	30	HDR BIAS	200	199.98	-0.0266
35	30	HDR BIAS	200	199.97	-0.0386
36	30	HDR UNBIAS	200.01	199.97	-0.0346
37	30	HDR UNBIAS	200	199.97	-0.0288
38	30	HDR UNBIAS	200.01	199.97	-0.0403
39	30	HDR UNBIAS	200.01	199.86	-0.151
40	30	HDR UNBIAS	200.01	199.98	-0.0304
41	50	HDR BIAS	200.02	199.97	-0.0501
42	50	HDR BIAS	200	199.98	-0.0251
43	50	HDR BIAS	200.01	199.97	-0.0354
44	50	HDR BIAS	200.01	199.96	-0.0484
45	50	HDR BIAS	200.01	199.98	-0.0338
46	50	HDR UNBIAS	200.01	199.98	-0.0327
47	50	HDR UNBIAS	200.01	199.97	-0.0335
48	50	HDR UNBIAS	200.01	199.97	-0.0359
49	50	HDR UNBIAS	200.01	199.97	-0.0412
50	50	HDR UNBIAS	199.83	199.97	0.1394
51	100	HDR BIAS	200	199.98	-0.0263
52	100	HDR BIAS	199.95	199.98	0.0252
53	100	HDR BIAS	200.01	199.97	-0.033
54	100	HDR BIAS	200.01	199.97	-0.0402
55	100	HDR BIAS	200	199.97	-0.0309
56	100	HDR UNBIAS	200.01	199.97	-0.0436
57	100	HDR UNBIAS	200.01	199.98	-0.0279
58	100	HDR UNBIAS	200	199.97	-0.0371
59	100	HDR UNBIAS	200.02	199.97	-0.045
60	100	HDR UNBIAS	200	199.98	-0.0229
71	0	CORRELATION	200	199.97	-0.0336
72	0	CORRELATION	200.01	199.96	-0.0463
73	0	CORRELATION	200.01	199.98	-0.0292

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200	200.01	200.01	0.0032563	199.96	199.97	199.98	0.0067575	-0.0463	-0.036367	-0.0292	0.0088794
3	200	200.01	200.01	0.0031177	199.97	199.97	199.98	0.0032108	-0.0438	-0.03565	-0.0299	0.0045615
10	200	200.01	200.02	0.0039202	199.97	199.97	199.98	0.0028543	-0.0422	-0.03578	-0.0282	0.0040933
30	200	200.01	200.01	0.0032136	199.86	199.96	199.98	0.036681	-0.151	-0.04738	-0.0266	0.036851
50	199.83	199.99	200.02	0.056201	199.96	199.97	199.98	0.0045773	-0.0501	-0.01967	0.1394	0.056391
100	199.95	200	200.02	0.018787	199.97	199.97	199.98	0.0042849	-0.045	-0.02817	0.0252	0.020156

Device Test: 20.37 LEVEL|FREQ/RT/14/14/0/0/5/200kHz//@FSW_EXT_RT_B





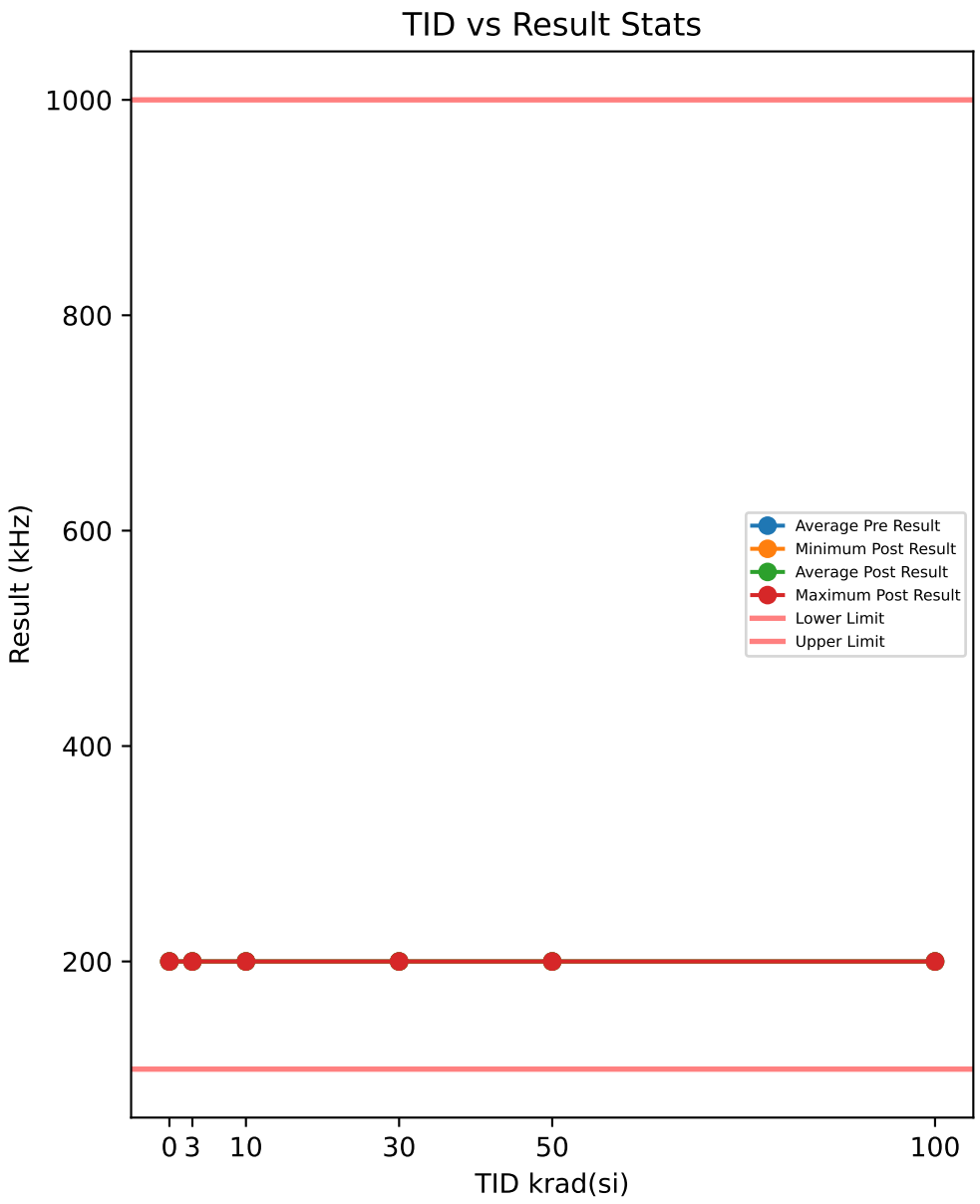
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

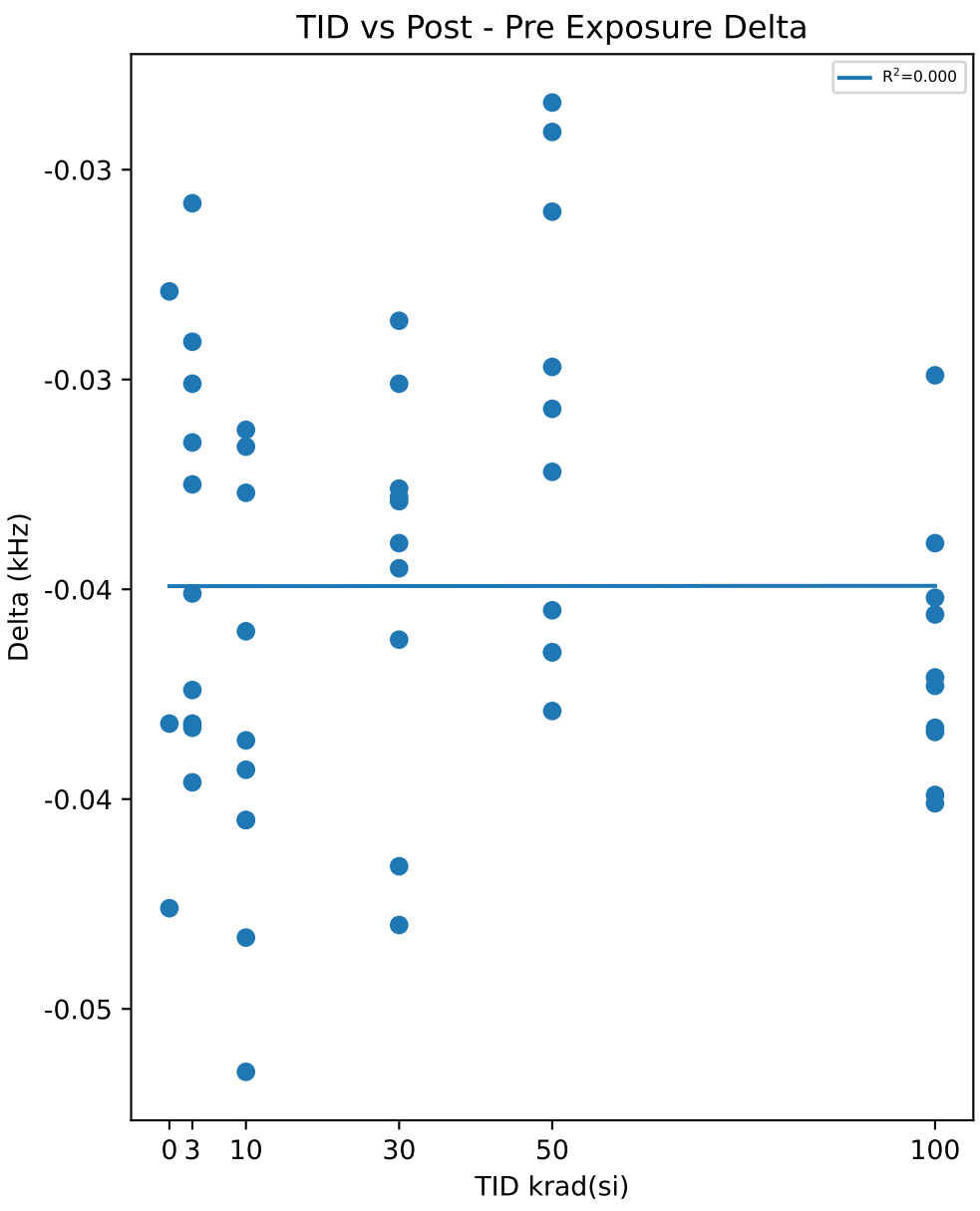
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	193.95	194.06	0.113
2	3	HDR BIAS	199.8	199.69	-0.1093
3	3	HDR BIAS	193.04	192.85	-0.1883
4	3	HDR BIAS	197.41	197.39	-0.0177
5	3	HDR BIAS	193.62	193.66	0.0492
6	3	HDR UNBIAS	193.21	193.15	-0.065
7	3	HDR UNBIAS	196.69	196.65	-0.0462
8	3	HDR UNBIAS	195.28	195.55	0.2723
9	3	HDR UNBIAS	196.69	196.2	-0.4817
10	3	HDR UNBIAS	196.8	196.62	-0.1851
11	10	HDR BIAS	195.68	195.95	0.2667
12	10	HDR BIAS	194.77	194.7	-0.0752
13	10	HDR BIAS	195.91	196	0.0995
14	10	HDR BIAS	195.47	195.8	0.3239
15	10	HDR BIAS	192.8	192.47	-0.3291
16	10	HDR UNBIAS	192.76	192.87	0.1103
17	10	HDR UNBIAS	193.44	192.78	-0.6565
18	10	HDR UNBIAS	196.97	196.57	-0.4062
19	10	HDR UNBIAS	196.76	196.64	-0.1143
20	10	HDR UNBIAS	195.08	194.78	-0.2985
31	30	HDR BIAS	193.89	194.6	0.7101
32	30	HDR BIAS	198.26	198.43	0.1634
33	30	HDR BIAS	193.53	193.35	-0.1844
34	30	HDR BIAS	188.56	188.01	-0.5528
35	30	HDR BIAS	196.57	196.02	-0.5528
36	30	HDR UNBIAS	196.45	196.36	-0.0916
37	30	HDR UNBIAS	195.69	195.92	0.2253
38	30	HDR UNBIAS	193.3	193.23	-0.0642
39	30	HDR UNBIAS	197.92	197.52	-0.3982
40	30	HDR UNBIAS	194.56	193.81	-0.752
41	50	HDR BIAS	194.35	193.95	-0.3968
42	50	HDR BIAS	197.46	196.16	-1.3002
43	50	HDR BIAS	192.08	192.25	0.1668
44	50	HDR BIAS	196.14	196.24	0.0938
45	50	HDR BIAS	192.35	192.53	0.1845
46	50	HDR UNBIAS	196.31	196.48	0.1742
47	50	HDR UNBIAS	194.95	194.96	0.0128
48	50	HDR UNBIAS	196.24	194.36	-1.8714
49	50	HDR UNBIAS	193.88	194.85	0.9727
50	50	HDR UNBIAS	195.83	196.74	0.916
51	100	HDR BIAS	192.79	192.21	-0.5825
52	100	HDR BIAS	193.37	192.75	-0.6154
53	100	HDR BIAS	193.96	195.12	1.1669
54	100	HDR BIAS	197.46	197.54	0.0796
55	100	HDR BIAS	197.43	197.15	-0.2818
56	100	HDR UNBIAS	196.18	197.12	0.9344
57	100	HDR UNBIAS	195.73	197.53	1.8016
58	100	HDR UNBIAS	195.29	196.38	1.0859
59	100	HDR UNBIAS	198.28	198.2	-0.082
60	100	HDR UNBIAS	198.68	197.53	-1.1513
71	0	CORRELATION	192.68	192.61	-0.0692
72	0	CORRELATION	194.81	194.64	-0.1757
73	0	CORRELATION	195.7	195.75	0.0512

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.68	194.4	195.7	1.5506	192.61	194.33	195.75	1.5905	-0.1757	-0.064567	0.0512	0.11352
3	193.04	195.65	199.8	2.2037	192.85	195.58	199.69	2.1626	-0.4817	-0.06588	0.2723	0.20174
10	192.76	194.96	196.97	1.5219	192.47	194.86	196.64	1.6161	-0.6565	-0.10794	0.3239	0.31512
30	188.56	194.87	198.26	2.8296	188.01	194.72	198.43	2.9332	-0.752	-0.14972	0.7101	0.43961
50	192.08	194.96	197.46	1.7783	192.25	194.85	196.74	1.6008	-1.8714	-0.10476	0.9727	0.88986
100	192.79	195.92	198.68	2.068	192.21	196.15	198.2	2.109	-1.1513	0.23554	1.8016	0.9569

Device Test: 20.38 LEVEL|FREQ/SYNC/14/14/0/0/5/200kHz//@FREQ_SYNC_EXT





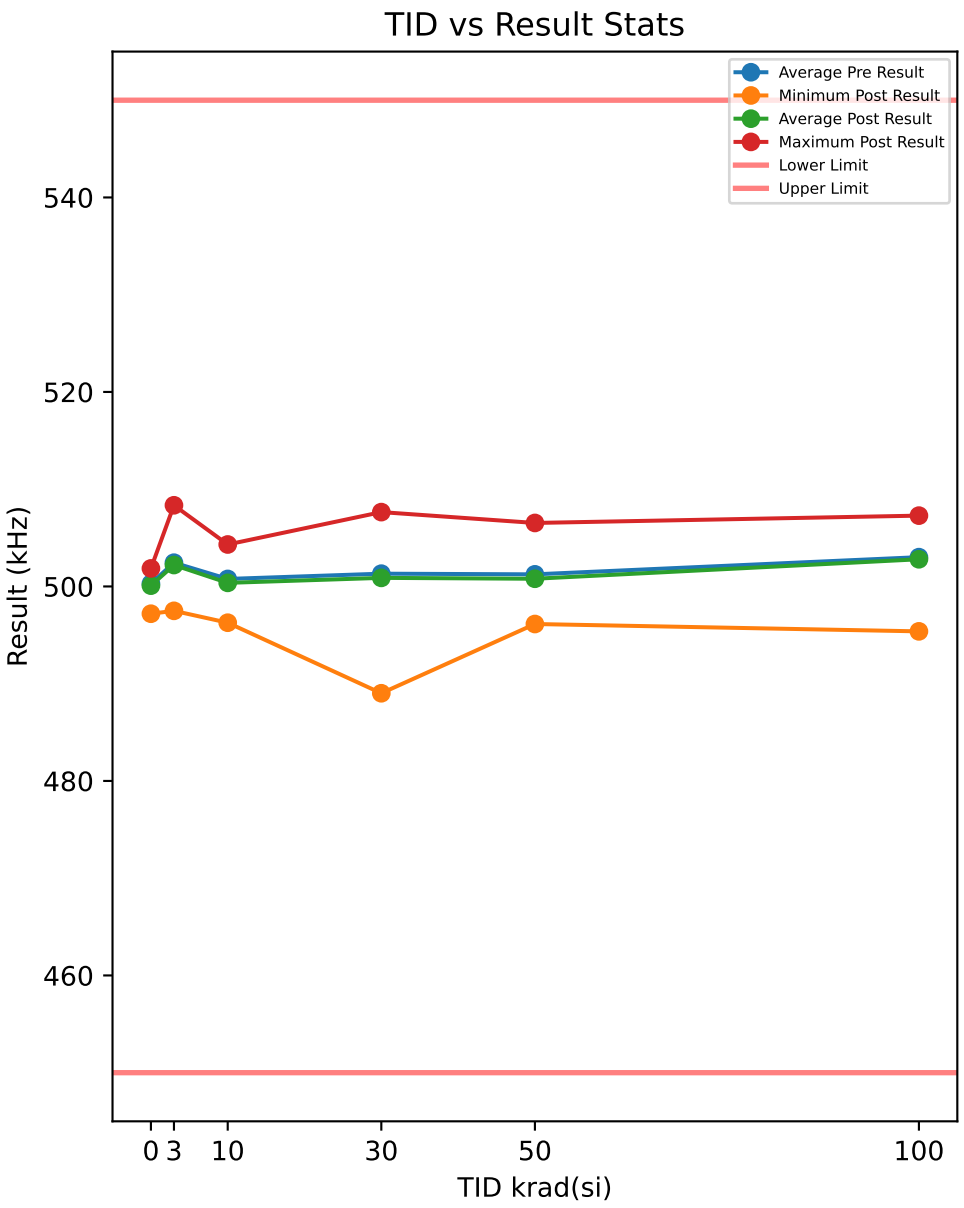
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

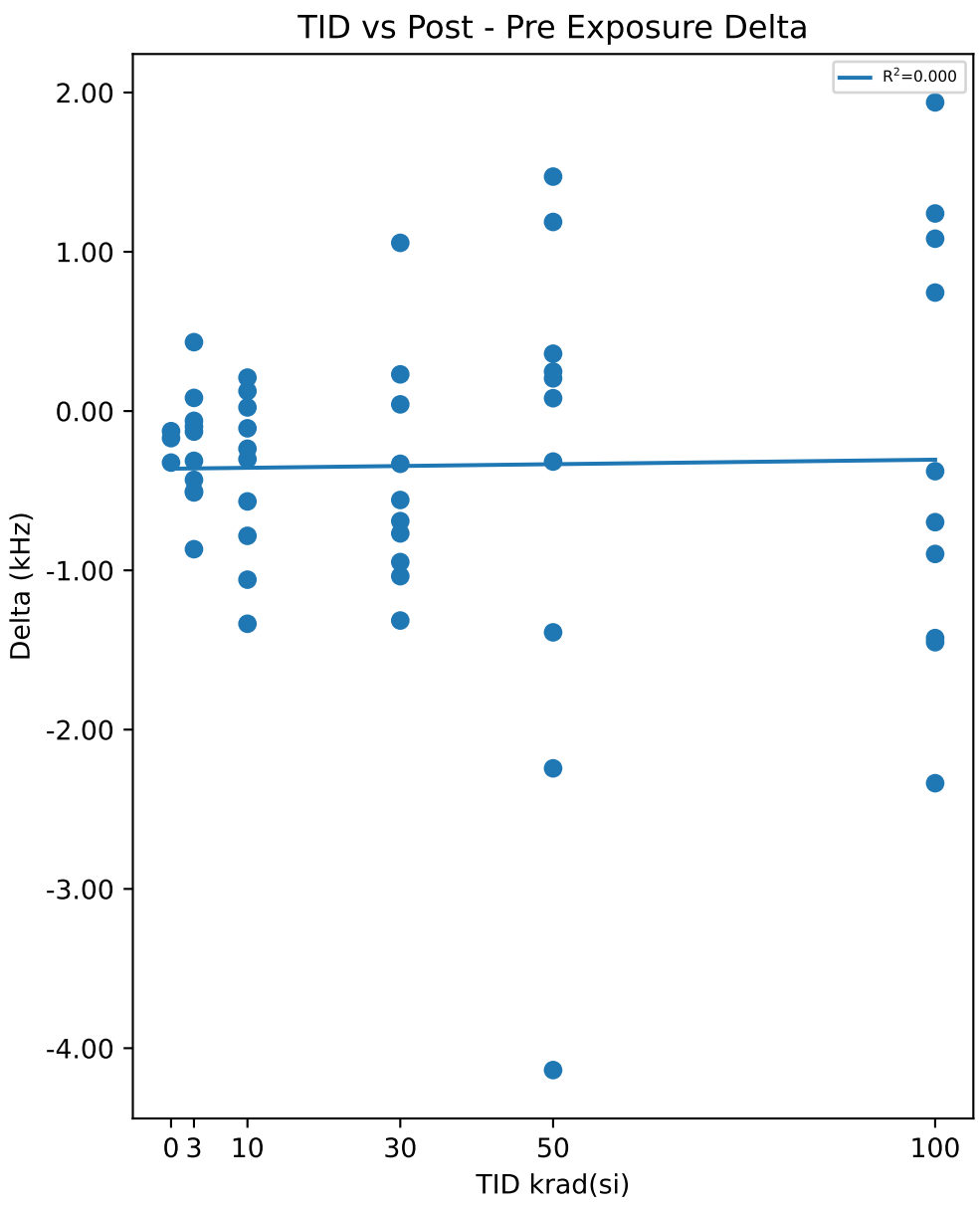
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200	199.98	-0.0258
2	3	HDR BIAS	200.01	199.97	-0.0383
3	3	HDR BIAS	200.01	199.98	-0.0291
4	3	HDR BIAS	200.01	199.98	-0.0325
5	3	HDR BIAS	200.01	199.98	-0.0351
6	3	HDR UNBIAS	200.01	199.97	-0.0374
7	3	HDR UNBIAS	200	199.97	-0.0315
8	3	HDR UNBIAS	200.01	199.97	-0.0382
9	3	HDR UNBIAS	200.01	199.97	-0.0396
10	3	HDR UNBIAS	200	199.97	-0.0301
11	10	HDR BIAS	200.01	199.97	-0.036
12	10	HDR BIAS	200.01	199.97	-0.0386
13	10	HDR BIAS	200.01	199.97	-0.0405
14	10	HDR BIAS	200	199.97	-0.0312
15	10	HDR BIAS	200.01	199.98	-0.0327
16	10	HDR UNBIAS	200.01	199.97	-0.0433
17	10	HDR UNBIAS	200.01	199.97	-0.0465
18	10	HDR UNBIAS	200.01	199.97	-0.0405
19	10	HDR UNBIAS	200.01	199.97	-0.0316
20	10	HDR UNBIAS	200.01	199.97	-0.0393
31	30	HDR BIAS	200	199.97	-0.0326
32	30	HDR BIAS	200.01	199.97	-0.0339
33	30	HDR BIAS	200.01	199.98	-0.0286
34	30	HDR BIAS	200	199.97	-0.0329
35	30	HDR BIAS	200.01	199.97	-0.043
36	30	HDR UNBIAS	200.01	199.98	-0.0362
37	30	HDR UNBIAS	200	199.97	-0.0328
38	30	HDR UNBIAS	200.01	199.97	-0.0416
39	30	HDR UNBIAS	200.01	199.98	-0.0301
40	30	HDR UNBIAS	200	199.97	-0.0345
41	50	HDR BIAS	200	199.97	-0.0322
42	50	HDR BIAS	200.01	199.98	-0.0355
43	50	HDR BIAS	200	199.98	-0.0234
44	50	HDR BIAS	200	199.97	-0.026
45	50	HDR BIAS	200.01	199.97	-0.0379
46	50	HDR UNBIAS	200.01	199.98	-0.0297
47	50	HDR UNBIAS	200	199.97	-0.0307
48	50	HDR UNBIAS	200.01	199.97	-0.0365
49	50	HDR UNBIAS	200	199.97	-0.0241
50	50	HDR UNBIAS	200.01	199.97	-0.0365
51	100	HDR BIAS	200.01	199.98	-0.0339
52	100	HDR BIAS	200.01	199.97	-0.0356
53	100	HDR BIAS	200	199.97	-0.0383
54	100	HDR BIAS	200.01	199.97	-0.0384
55	100	HDR BIAS	200.01	199.97	-0.0352
56	100	HDR UNBIAS	200.01	199.97	-0.0401
57	100	HDR UNBIAS	200.01	199.98	-0.0299
58	100	HDR UNBIAS	200.01	199.97	-0.0373
59	100	HDR UNBIAS	200.01	199.97	-0.0371
60	100	HDR UNBIAS	200.01	199.97	-0.0399
71	0	CORRELATION	200.01	199.97	-0.0382
72	0	CORRELATION	200.02	199.97	-0.0426
73	0	CORRELATION	200.01	199.98	-0.0279

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200.01	200.01	200.02	0.0053575	199.97	199.98	199.98	0.0034771	-0.0426	-0.036233	-0.0279	0.0075448
3	200	200.01	200.01	0.0041615	199.97	199.97	199.98	0.0023651	-0.0396	-0.03376	-0.0258	0.0046505
10	200	200.01	200.01	0.0032854	199.97	199.97	199.98	0.0039992	-0.0465	-0.03802	-0.0312	0.0051009
30	200	200.01	200.01	0.0033863	199.97	199.97	199.98	0.0047436	-0.043	-0.03462	-0.0286	0.0045825
50	200	200.01	200.01	0.0050344	199.97	199.97	199.98	0.0023908	-0.0379	-0.03125	-0.0234	0.0053885
100	200	200.01	200.01	0.0034437	199.97	199.97	199.98	0.0043461	-0.0401	-0.03657	-0.0299	0.0030757

Device Test: 20.39 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/500kHz//@FSW_EXT_RT_C





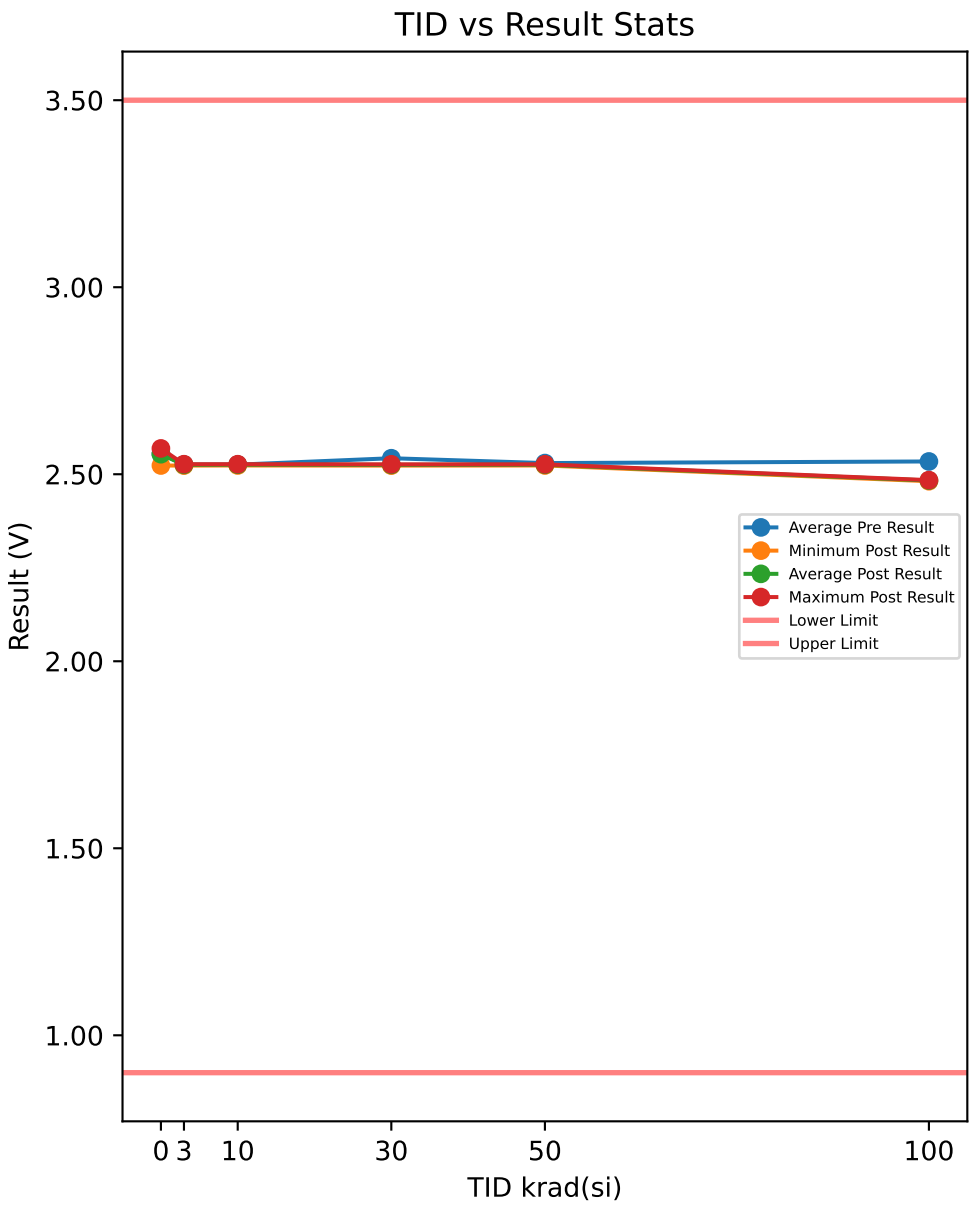
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

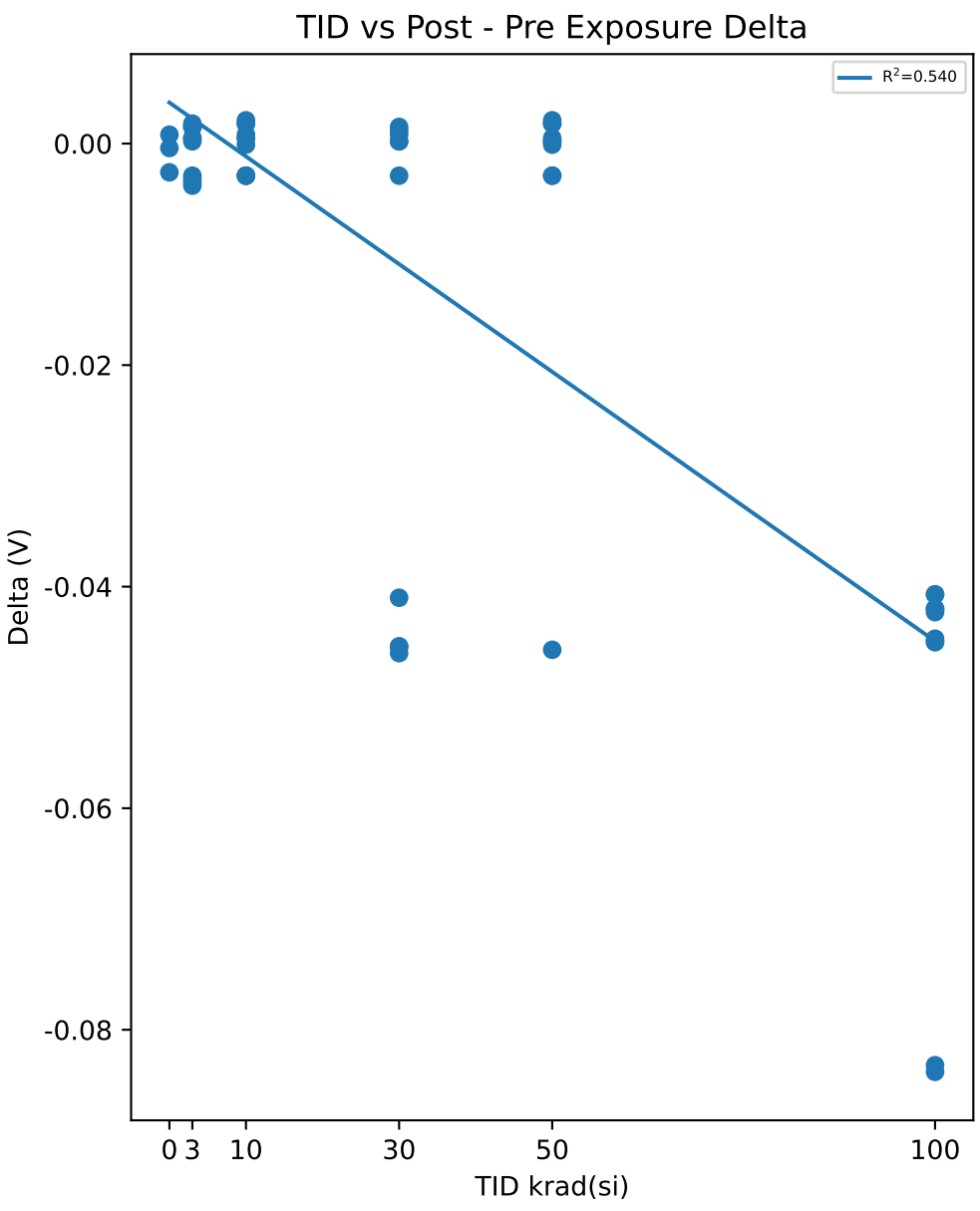
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	499.58	499.67	0.0827
2	3	HDR BIAS	508.66	508.35	-0.3123
3	3	HDR BIAS	498.33	497.83	-0.5043
4	3	HDR BIAS	504.6	504.53	-0.0612
5	3	HDR BIAS	500.31	500.22	-0.0973
6	3	HDR UNBIAS	497.92	497.49	-0.4318
7	3	HDR UNBIAS	505.19	505.06	-0.129
8	3	HDR UNBIAS	502.53	502.96	0.4327
9	3	HDR UNBIAS	503.62	502.76	-0.8672
10	3	HDR UNBIAS	503.68	503.17	-0.5109
11	10	HDR BIAS	502.6	502.81	0.21
12	10	HDR BIAS	499.74	499.51	-0.2364
13	10	HDR BIAS	503.28	503.17	-0.1082
14	10	HDR BIAS	501	501.02	0.0229
15	10	HDR BIAS	497.33	496.27	-1.0585
16	10	HDR UNBIAS	496.18	496.31	0.1257
17	10	HDR UNBIAS	497.8	496.47	-1.3353
18	10	HDR UNBIAS	503.35	502.56	-0.7833
19	10	HDR UNBIAS	504.62	504.31	-0.3018
20	10	HDR UNBIAS	501.82	501.26	-0.5673
31	30	HDR BIAS	498.83	499.89	1.0561
32	30	HDR BIAS	507.6	507.64	0.0421
33	30	HDR BIAS	499.02	498.25	-0.7681
34	30	HDR BIAS	489.96	489.02	-0.948
35	30	HDR BIAS	504.27	502.95	-1.315
36	30	HDR UNBIAS	504.35	504.02	-0.331
37	30	HDR UNBIAS	502.06	502.29	0.2304
38	30	HDR UNBIAS	499.63	499.07	-0.5583
39	30	HDR UNBIAS	507.07	506.38	-0.6909
40	30	HDR UNBIAS	500.35	499.31	-1.0367
41	50	HDR BIAS	500.63	499.24	-1.3893
42	50	HDR BIAS	503.99	501.74	-2.2432
43	50	HDR BIAS	495.78	496.14	0.3602
44	50	HDR BIAS	503.66	503.74	0.0808
45	50	HDR BIAS	496.44	496.69	0.248
46	50	HDR UNBIAS	502.96	503.17	0.2053
47	50	HDR UNBIAS	501.84	501.52	-0.317
48	50	HDR UNBIAS	501.13	496.99	-4.1375
49	50	HDR UNBIAS	500.96	502.14	1.1873
50	50	HDR UNBIAS	505.06	506.53	1.4721
51	100	HDR BIAS	496.83	495.38	-1.4512
52	100	HDR BIAS	497.84	497.14	-0.6975
53	100	HDR BIAS	498.28	499.52	1.2406
54	100	HDR BIAS	506	505.62	-0.3775
55	100	HDR BIAS	505.37	503.95	-1.4252
56	100	HDR UNBIAS	504.29	505.37	1.0822
57	100	HDR UNBIAS	502.08	504.02	1.938
58	100	HDR UNBIAS	502.81	503.56	0.744
59	100	HDR UNBIAS	508.18	507.28	-0.8971
60	100	HDR UNBIAS	508.44	506.1	-2.3364
71	0	CORRELATION	497.37	497.19	-0.17
72	0	CORRELATION	501.32	501.2	-0.126
73	0	CORRELATION	502.18	501.85	-0.3235

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	497.37	500.29	502.18	2.5678	497.19	500.08	501.85	2.5219	-0.3235	-0.2065	-0.126	0.10369
3	497.92	502.44	508.66	3.3958	497.49	502.2	508.35	3.4136	-0.8672	-0.23986	0.4327	0.36514
10	496.18	500.77	504.62	2.8876	496.27	500.37	504.31	3.0681	-1.3353	-0.40322	0.21	0.51984
30	489.96	501.31	507.6	5.1111	489.02	500.88	507.64	5.2326	-1.315	-0.43194	1.0561	0.70677
50	495.78	501.24	505.06	3.0662	496.14	500.79	506.53	3.4295	-4.1375	-0.45333	1.4721	1.6978
100	496.83	503.01	508.44	4.2222	495.38	502.79	507.28	4.0368	-2.3364	-0.21801	1.938	1.3974

Device Test: 20.4 LEVEL|HIGH_LEVEL/SYNC/4.8/4.8/0/0/4.5/500kHz//@SYNC_VIH_TH_LOW_4P5





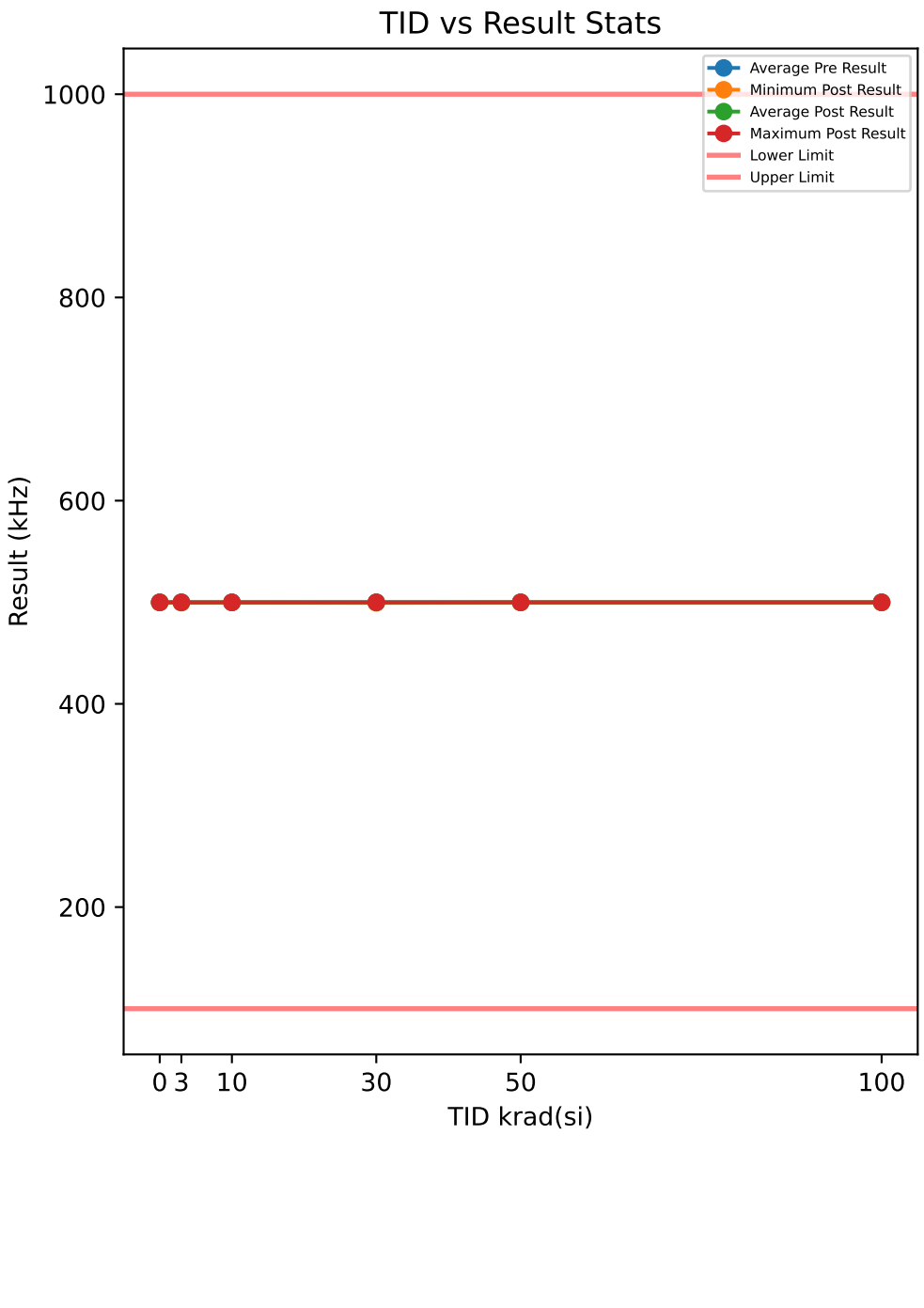
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

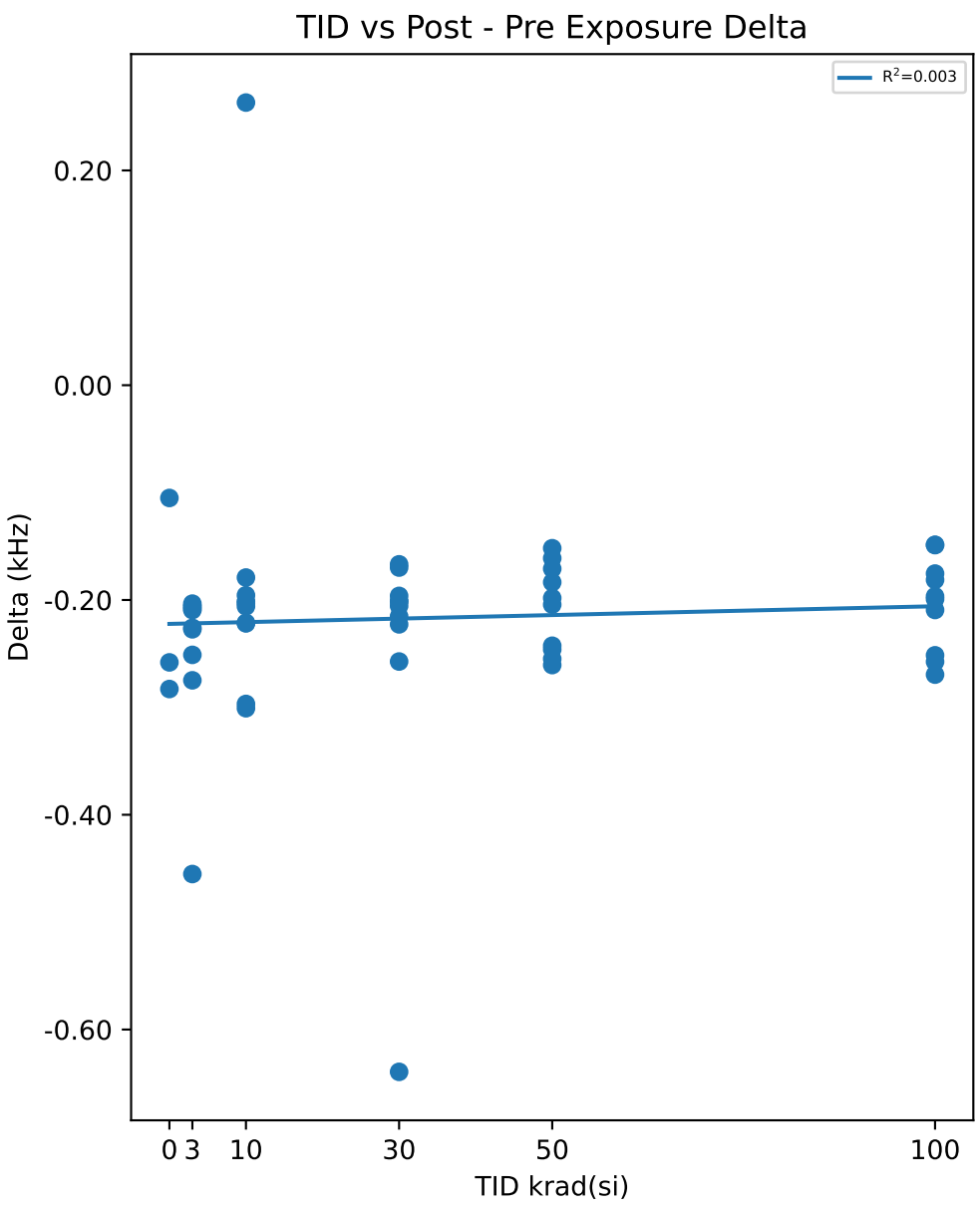
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.5269	2.5231	-0.0038
2	3	HDR BIAS	2.5257	2.5262	0.0005
3	3	HDR BIAS	2.525	2.5268	0.0018
4	3	HDR BIAS	2.5269	2.5234	-0.0035
5	3	HDR BIAS	2.5257	2.5262	0.0005
6	3	HDR UNBIAS	2.5247	2.5262	0.0015
7	3	HDR UNBIAS	2.5263	2.5234	-0.0029
8	3	HDR UNBIAS	2.5257	2.5259	0.0002
9	3	HDR UNBIAS	2.525	2.5265	0.0015
10	3	HDR UNBIAS	2.5266	2.5234	-0.0032
11	10	HDR BIAS	2.5257	2.5262	0.0005
12	10	HDR BIAS	2.5247	2.5268	0.0021
13	10	HDR BIAS	2.5263	2.5234	-0.0029
14	10	HDR BIAS	2.526	2.5259	-0.0001
15	10	HDR BIAS	2.5247	2.5265	0.0018
16	10	HDR UNBIAS	2.5266	2.5237	-0.0029
17	10	HDR UNBIAS	2.5254	2.5262	0.0008
18	10	HDR UNBIAS	2.5247	2.5265	0.0018
19	10	HDR UNBIAS	2.5263	2.5234	-0.0029
20	10	HDR UNBIAS	2.5257	2.5262	0.0005
31	30	HDR BIAS	2.5691	2.5231	-0.046
32	30	HDR BIAS	2.5254	2.5262	0.0008
33	30	HDR BIAS	2.5675	2.5265	-0.041
34	30	HDR BIAS	2.5688	2.5234	-0.0454
35	30	HDR BIAS	2.5257	2.5259	0.0002
36	30	HDR UNBIAS	2.525	2.5262	0.0012
37	30	HDR UNBIAS	2.5691	2.5237	-0.0454
38	30	HDR UNBIAS	2.526	2.5262	0.0002
39	30	HDR UNBIAS	2.525	2.5265	0.0015
40	30	HDR UNBIAS	2.5263	2.5234	-0.0029
41	50	HDR BIAS	2.5257	2.5259	0.0002
42	50	HDR BIAS	2.5247	2.5265	0.0018
43	50	HDR BIAS	2.5691	2.5234	-0.0457
44	50	HDR BIAS	2.5257	2.5262	0.0005
45	50	HDR BIAS	2.5247	2.5265	0.0018
46	50	HDR UNBIAS	2.5263	2.5234	-0.0029
47	50	HDR UNBIAS	2.526	2.5259	-0.0001
48	50	HDR UNBIAS	2.5244	2.5265	0.0021
49	50	HDR UNBIAS	2.5263	2.5234	-0.0029
50	50	HDR UNBIAS	2.5257	2.5259	0.0002
51	100	HDR BIAS	2.5675	2.4843	-0.0832
52	100	HDR BIAS	2.5266	2.4816	-0.045
53	100	HDR BIAS	2.526	2.4837	-0.0423
54	100	HDR BIAS	2.5247	2.484	-0.0407
55	100	HDR BIAS	2.5263	2.4813	-0.045
56	100	HDR UNBIAS	2.5257	2.4837	-0.042
57	100	HDR UNBIAS	2.525	2.4843	-0.0407
58	100	HDR UNBIAS	2.5263	2.4816	-0.0447
59	100	HDR UNBIAS	2.5257	2.4837	-0.042
60	100	HDR UNBIAS	2.5678	2.484	-0.0838
71	0	CORRELATION	2.526	2.5234	-0.0026
72	0	CORRELATION	2.5675	2.5683	0.0008
73	0	CORRELATION	2.5694	2.569	-0.0004

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	2.526	2.5543	2.5694	0.024527	2.5234	2.5536	2.569	0.026127	-0.0026	-0.00073333	0.0008	0.0017243
3	2.5247	2.5259	2.5269	0.00080312	2.5231	2.5251	2.5268	0.001556	-0.0038	-0.00074	0.0018	0.0023129
10	2.5247	2.5256	2.5266	0.00071717	2.5234	2.5255	2.5268	0.0013895	-0.0029	-0.00013	0.0021	0.0020304
30	2.525	2.5428	2.5691	0.022243	2.5231	2.5251	2.5265	0.0014881	-0.046	-0.01768	0.0015	0.023109
50	2.5244	2.5299	2.5691	0.013804	2.5234	2.5254	2.5265	0.0013745	-0.0457	-0.0045	0.0021	0.014583
100	2.5247	2.5342	2.5678	0.017661	2.4813	2.4832	2.4843	0.00121	-0.0838	-0.05094	-0.0407	0.017238

Device Test: 20.40 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/500kHz//@FREQ_SYNC_EXT





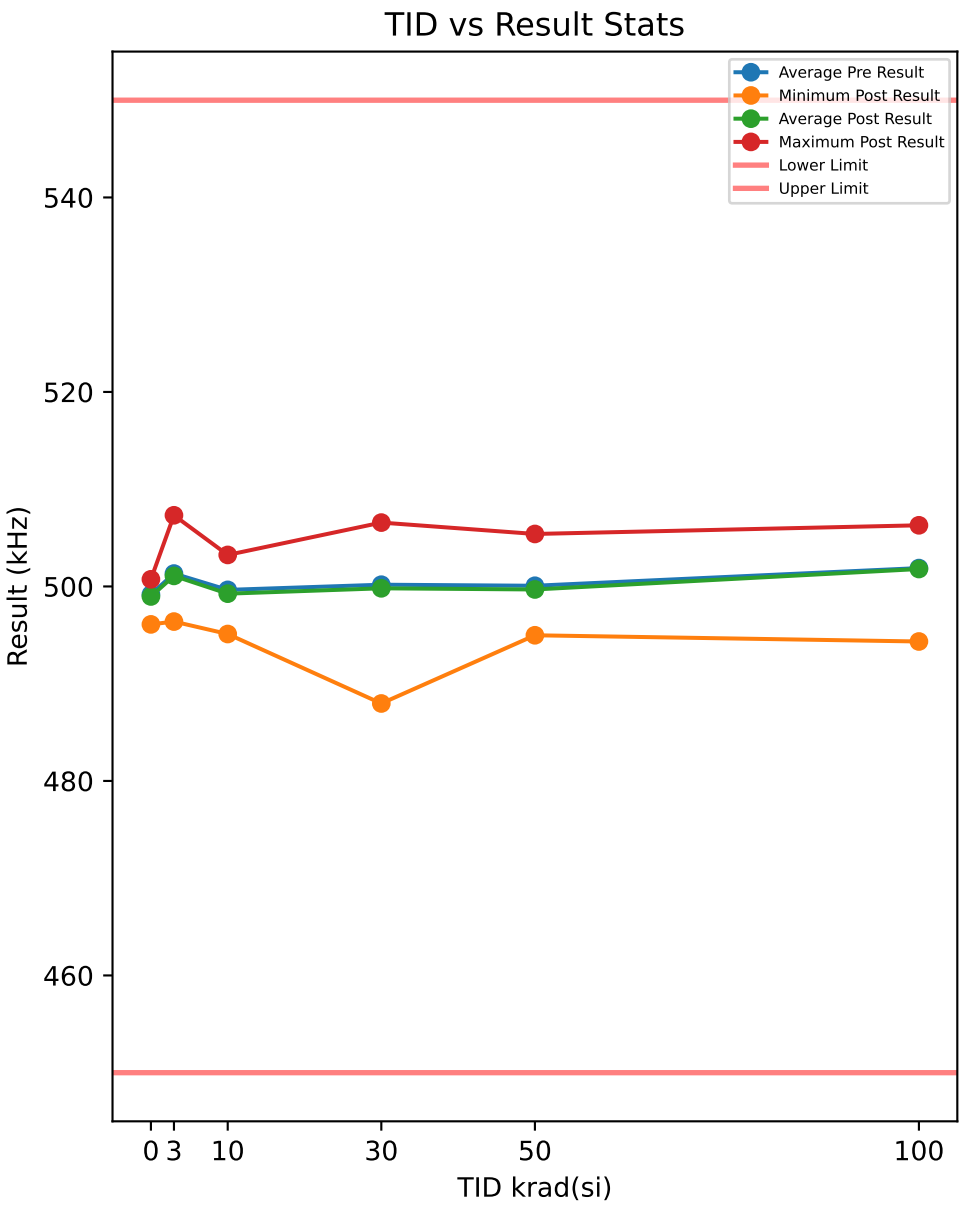
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

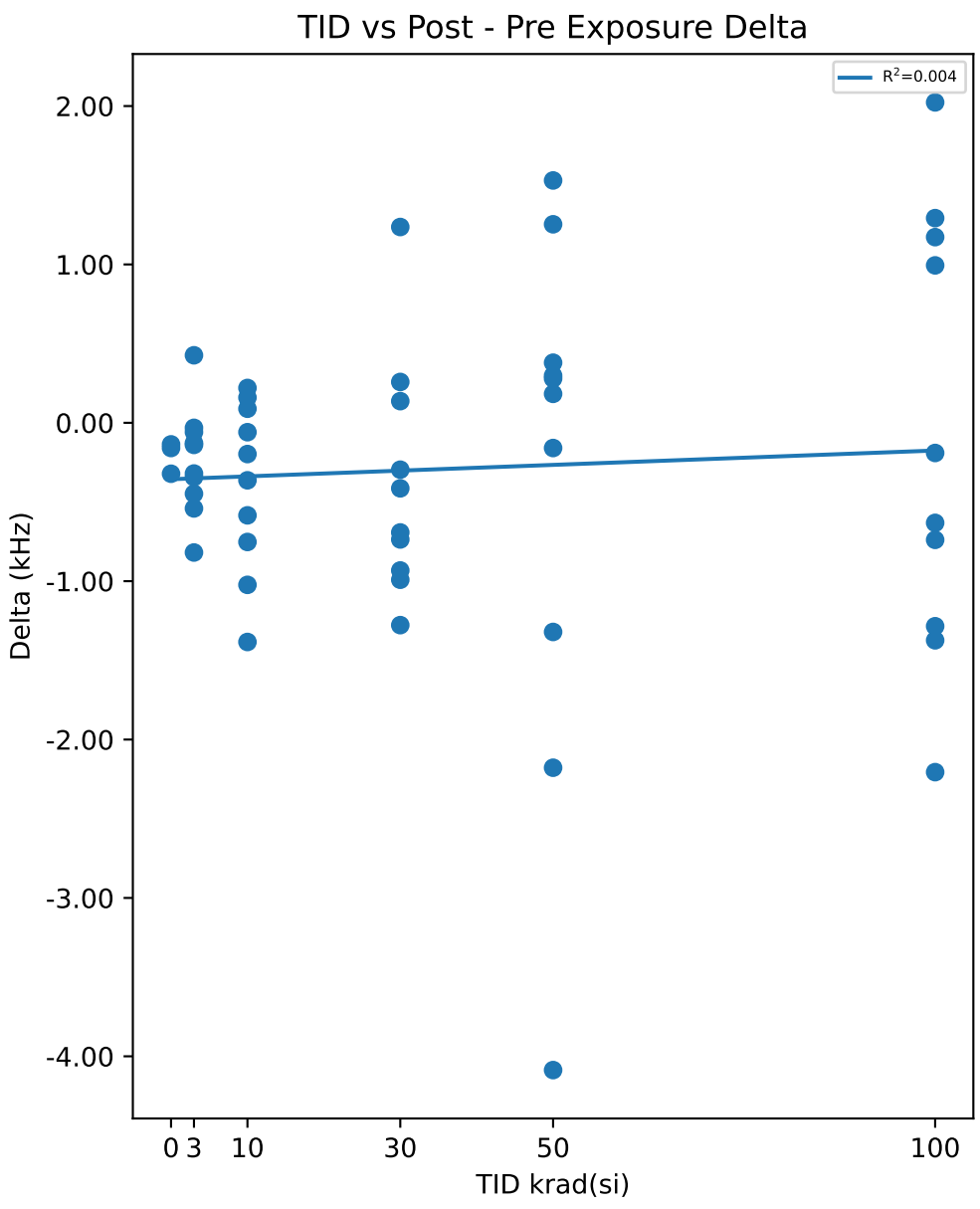
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.03	499.82	-0.2034
2	3	HDR BIAS	500.07	499.62	-0.4552
3	3	HDR BIAS	500.04	499.83	-0.2056
4	3	HDR BIAS	500.02	499.82	-0.2063
5	3	HDR BIAS	500.06	499.84	-0.2259
6	3	HDR UNBIAS	500.08	499.87	-0.2085
7	3	HDR UNBIAS	500.04	499.81	-0.2273
8	3	HDR UNBIAS	500.06	499.79	-0.2748
9	3	HDR UNBIAS	500.08	499.82	-0.2511
10	3	HDR UNBIAS	500.02	499.81	-0.2094
11	10	HDR BIAS	500.08	499.79	-0.2968
12	10	HDR BIAS	500.1	499.88	-0.2218
13	10	HDR BIAS	500.06	499.86	-0.2012
14	10	HDR BIAS	500.02	499.8	-0.2213
15	10	HDR BIAS	500.05	499.84	-0.2059
16	10	HDR UNBIAS	500.03	499.85	-0.1791
17	10	HDR UNBIAS	500.03	499.84	-0.1956
18	10	HDR UNBIAS	500.09	499.88	-0.2029
19	10	HDR UNBIAS	499.55	499.81	0.2632
20	10	HDR UNBIAS	500.09	499.79	-0.3008
31	30	HDR BIAS	500.03	499.86	-0.1668
32	30	HDR BIAS	500.04	499.83	-0.2055
33	30	HDR BIAS	500.04	499.87	-0.1698
34	30	HDR BIAS	500.08	499.82	-0.2573
35	30	HDR BIAS	500.04	499.84	-0.2012
36	30	HDR UNBIAS	500.08	499.89	-0.1962
37	30	HDR UNBIAS	500.02	499.8	-0.2152
38	30	HDR UNBIAS	500.07	499.85	-0.2227
39	30	HDR UNBIAS	500.08	499.88	-0.2013
40	30	HDR UNBIAS	500.01	499.37	-0.6394
41	50	HDR BIAS	500.05	499.79	-0.2548
42	50	HDR BIAS	500.05	499.88	-0.1709
43	50	HDR BIAS	500.04	499.88	-0.1611
44	50	HDR BIAS	500.03	499.85	-0.1835
45	50	HDR BIAS	500.04	499.88	-0.1518
46	50	HDR UNBIAS	500.06	499.8	-0.2606
47	50	HDR UNBIAS	500.1	499.86	-0.2426
48	50	HDR UNBIAS	500.04	499.83	-0.2043
49	50	HDR UNBIAS	500.02	499.82	-0.1982
50	50	HDR UNBIAS	500.09	499.85	-0.2461
51	100	HDR BIAS	500.07	499.88	-0.1813
52	100	HDR BIAS	500.03	499.86	-0.1754
53	100	HDR BIAS	500.05	499.78	-0.2695
54	100	HDR BIAS	500.08	499.88	-0.2093
55	100	HDR BIAS	500.07	499.81	-0.2575
56	100	HDR UNBIAS	500.04	499.79	-0.2515
57	100	HDR UNBIAS	500.09	499.89	-0.1992
58	100	HDR UNBIAS	500.01	499.87	-0.1489
59	100	HDR UNBIAS	500.05	499.85	-0.1966
60	100	HDR UNBIAS	500.03	499.88	-0.1486
71	0	CORRELATION	500.06	499.8	-0.2581
72	0	CORRELATION	500.07	499.79	-0.2829
73	0	CORRELATION	499.99	499.88	-0.105

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.99	500.04	500.07	0.046799	499.79	499.82	499.88	0.049704	-0.2829	-0.21533	-0.105	0.096353
3	500.02	500.05	500.08	0.023966	499.62	499.8	499.87	0.069265	-0.4552	-0.24675	-0.2034	0.076838
10	499.55	500.01	500.1	0.16432	499.79	499.83	499.88	0.03601	-0.3008	-0.17622	0.2632	0.15981
30	500.01	500.05	500.08	0.026037	499.37	499.8	499.89	0.15255	-0.6394	-0.24754	-0.1668	0.14006
50	500.02	500.05	500.1	0.02724	499.79	499.84	499.88	0.03213	-0.2606	-0.20739	-0.1518	0.040888
100	500.01	500.05	500.09	0.023634	499.78	499.85	499.89	0.04058	-0.2695	-0.20378	-0.1486	0.043401

Device Test: 20.43 LEVEL|FREQ/RT/5/5/0/0/5/500kHz//@FSW_EXT_RT_C





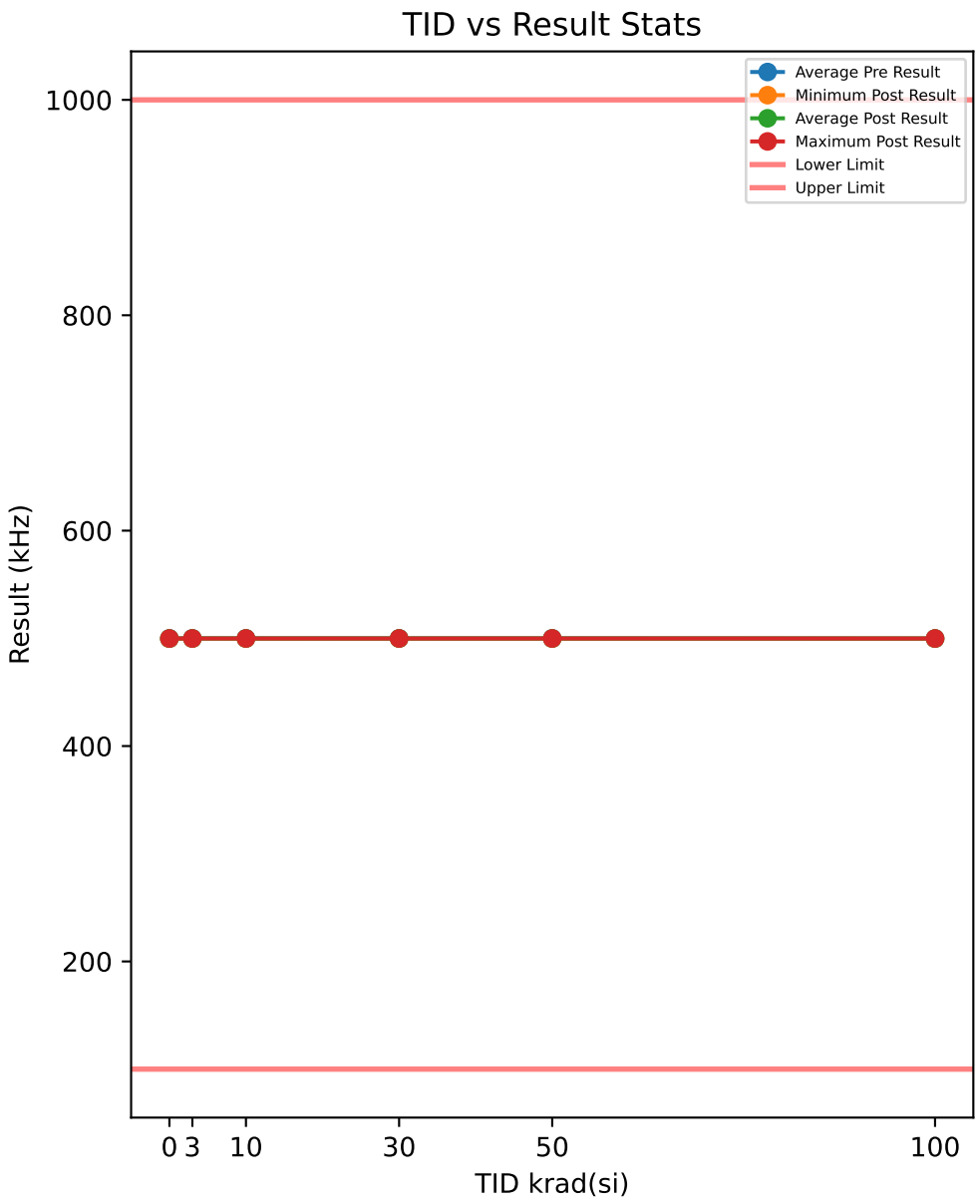
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

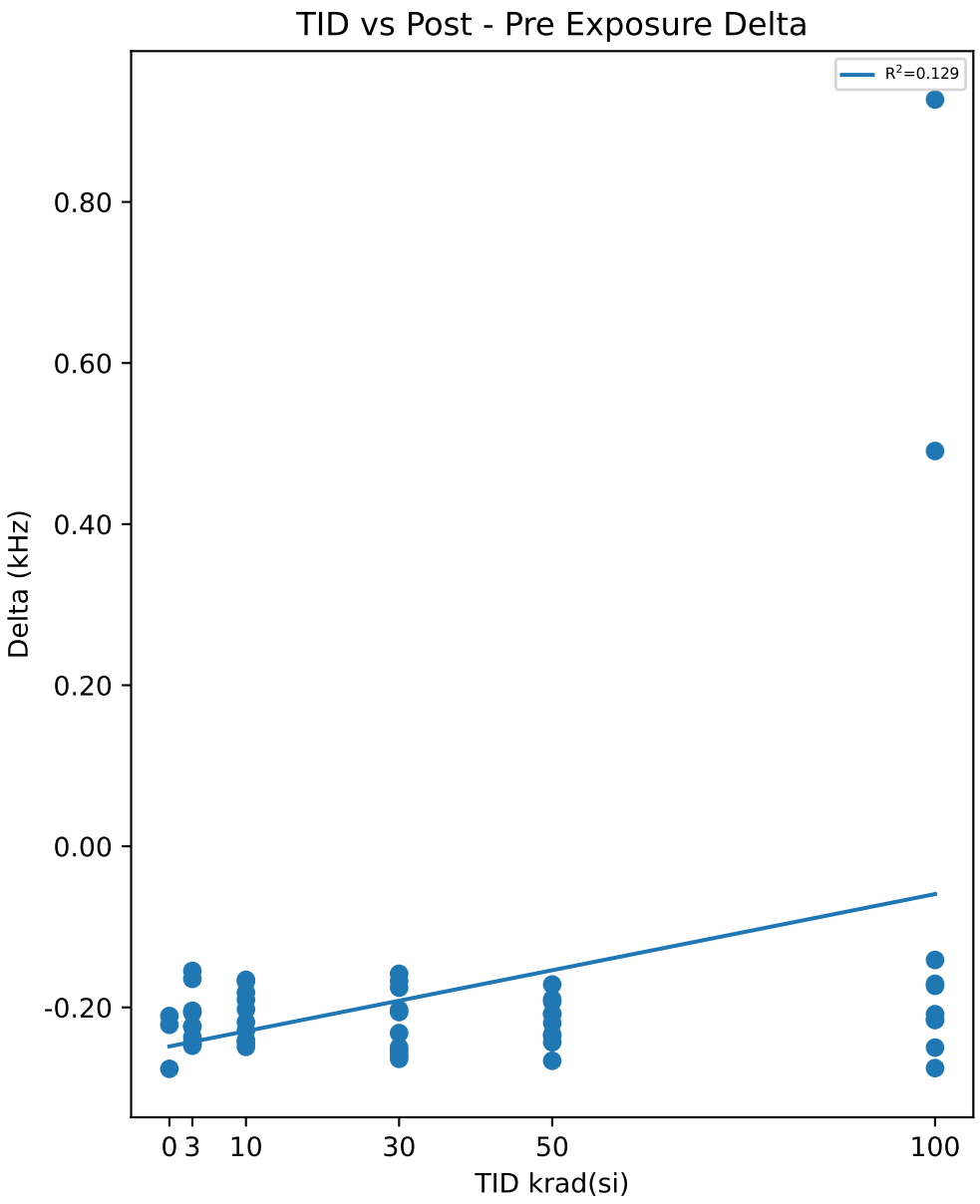
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	498.5	498.47	-0.0318
2	3	HDR BIAS	507.64	507.32	-0.3202
3	3	HDR BIAS	497.19	496.74	-0.4479
4	3	HDR BIAS	503.52	503.4	-0.1279
5	3	HDR BIAS	499.24	499.18	-0.0586
6	3	HDR UNBIAS	496.73	496.39	-0.3429
7	3	HDR UNBIAS	504.14	504	-0.1395
8	3	HDR UNBIAS	501.37	501.8	0.4263
9	3	HDR UNBIAS	502.4	501.58	-0.819
10	3	HDR UNBIAS	502.53	501.99	-0.5407
11	10	HDR BIAS	501.51	501.73	0.22
12	10	HDR BIAS	498.55	498.35	-0.1973
13	10	HDR BIAS	502.14	502.08	-0.0593
14	10	HDR BIAS	499.89	499.98	0.0888
15	10	HDR BIAS	496.13	495.11	-1.0232
16	10	HDR UNBIAS	495.06	495.22	0.1595
17	10	HDR UNBIAS	496.67	495.28	-1.3839
18	10	HDR UNBIAS	502.2	501.44	-0.7525
19	10	HDR UNBIAS	503.6	503.24	-0.3631
20	10	HDR UNBIAS	500.72	500.14	-0.5843
31	30	HDR BIAS	497.59	498.83	1.2363
32	30	HDR BIAS	506.43	506.57	0.1368
33	30	HDR BIAS	497.87	497.14	-0.7366
34	30	HDR BIAS	488.9	487.97	-0.9324
35	30	HDR BIAS	503.17	501.9	-1.2775
36	30	HDR UNBIAS	503.27	502.97	-0.296
37	30	HDR UNBIAS	500.9	501.16	0.2579
38	30	HDR UNBIAS	498.53	498.12	-0.4138
39	30	HDR UNBIAS	505.86	505.17	-0.6923
40	30	HDR UNBIAS	499.26	498.27	-0.9909
41	50	HDR BIAS	499.47	498.15	-1.3206
42	50	HDR BIAS	502.73	500.55	-2.1779
43	50	HDR BIAS	494.6	494.98	0.3795
44	50	HDR BIAS	502.51	502.69	0.1827
45	50	HDR BIAS	495.31	495.59	0.2796
46	50	HDR UNBIAS	501.91	502.21	0.2979
47	50	HDR UNBIAS	500.76	500.6	-0.1592
48	50	HDR UNBIAS	499.96	495.87	-4.087
49	50	HDR UNBIAS	499.6	500.86	1.2534
50	50	HDR UNBIAS	503.87	505.4	1.5302
51	100	HDR BIAS	495.71	494.34	-1.3734
52	100	HDR BIAS	496.6	495.97	-0.6318
53	100	HDR BIAS	497.24	498.54	1.2924
54	100	HDR BIAS	504.84	504.65	-0.1905
55	100	HDR BIAS	504.32	503.04	-1.2845
56	100	HDR UNBIAS	503.22	504.39	1.1724
57	100	HDR UNBIAS	500.9	502.93	2.0231
58	100	HDR UNBIAS	501.72	502.71	0.994
59	100	HDR UNBIAS	507.03	506.29	-0.7391
60	100	HDR UNBIAS	507.28	505.07	-2.2058
71	0	CORRELATION	496.23	496.1	-0.1362
72	0	CORRELATION	500.24	500.08	-0.1591
73	0	CORRELATION	501.06	500.73	-0.3216

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.23	499.18	501.06	2.5801	496.1	498.97	500.73	2.5089	-0.3216	-0.20563	-0.1362	0.10108
3	496.73	501.32	507.64	3.428	496.39	501.08	507.32	3.4264	-0.819	-0.24022	0.4263	0.3381
10	495.06	499.65	503.6	2.9162	495.11	499.26	503.24	3.094	-1.3839	-0.38953	0.22	0.53836
30	488.9	500.18	506.43	5.0905	487.97	499.81	506.57	5.2086	-1.2775	-0.37085	1.2363	0.74553
50	494.6	500.07	503.87	3.063	494.98	499.69	505.4	3.444	-4.087	-0.38214	1.5302	1.7001
100	495.71	501.89	507.28	4.2231	494.34	501.79	506.29	4.0771	-2.2058	-0.09432	2.0231	1.3913

Device Test: 20.44 LEVEL|FREQ/SYNC/5/5/0/0/5/500kHz//@FREQ_SYNC_EXT





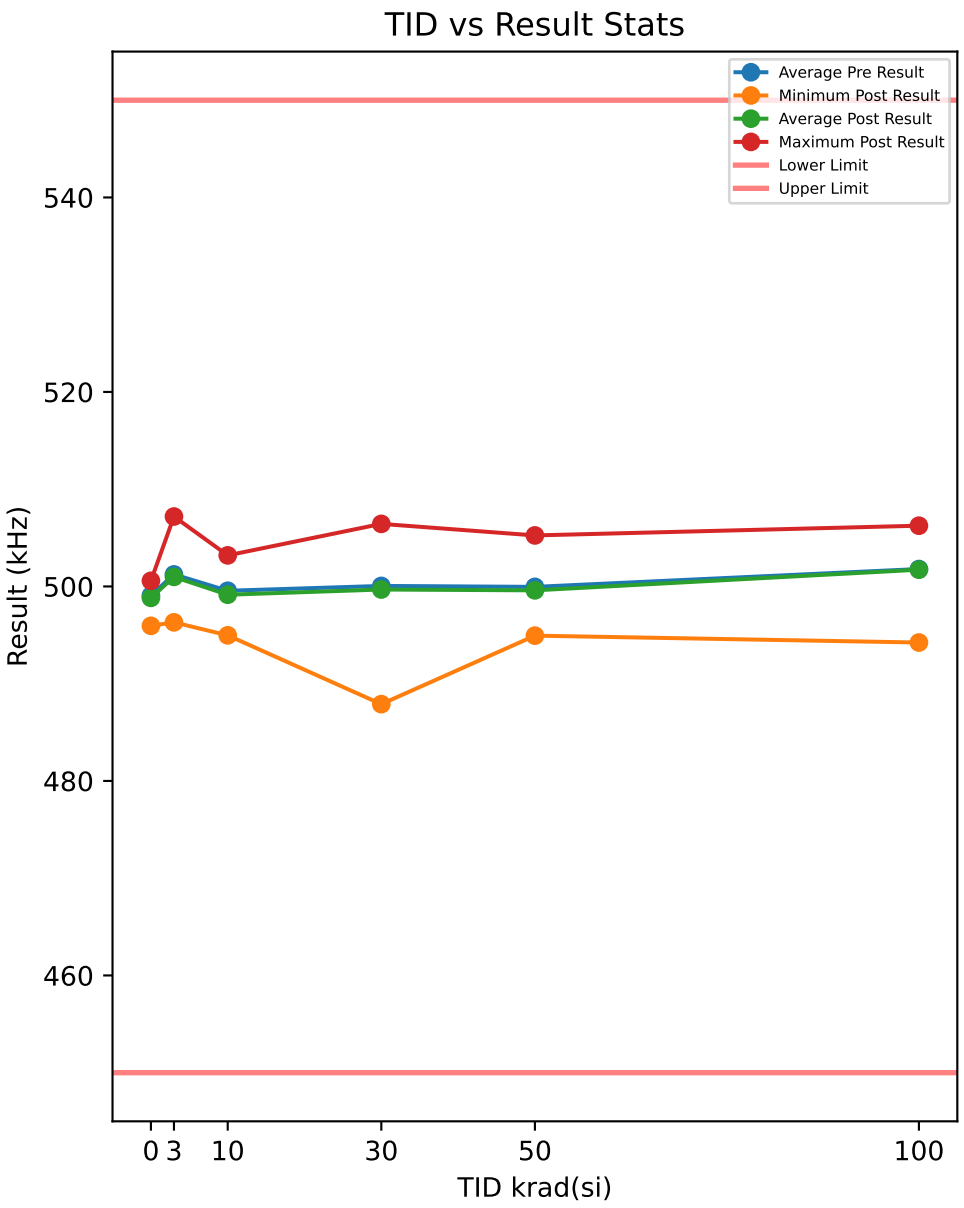
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

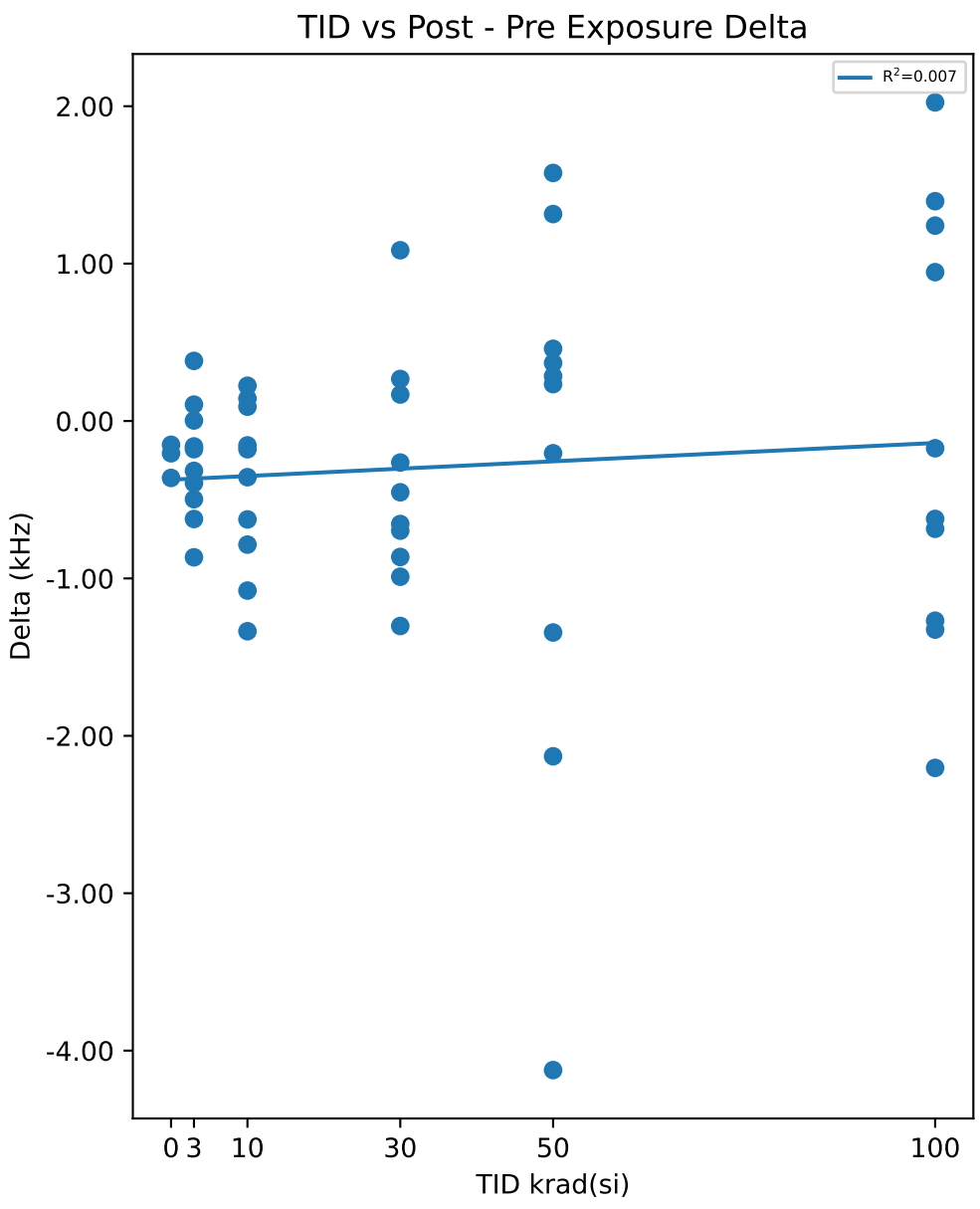
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.02	499.86	-0.1547
2	3	HDR BIAS	500.03	499.82	-0.2066
3	3	HDR BIAS	500.09	499.86	-0.2238
4	3	HDR BIAS	500.06	499.81	-0.2455
5	3	HDR BIAS	500.03	499.83	-0.2042
6	3	HDR UNBIAS	500.03	499.87	-0.1646
7	3	HDR UNBIAS	500.06	499.83	-0.2368
8	3	HDR UNBIAS	500.06	499.84	-0.2235
9	3	HDR UNBIAS	500.08	499.83	-0.2442
10	3	HDR UNBIAS	500.07	499.82	-0.2476
11	10	HDR BIAS	500.09	499.85	-0.2432
12	10	HDR BIAS	500.09	499.87	-0.2183
13	10	HDR BIAS	500.06	499.87	-0.1904
14	10	HDR BIAS	500.04	499.79	-0.249
15	10	HDR BIAS	500.05	499.87	-0.1815
16	10	HDR UNBIAS	500.02	499.82	-0.2024
17	10	HDR UNBIAS	500.08	499.85	-0.2288
18	10	HDR UNBIAS	500.05	499.88	-0.1677
19	10	HDR UNBIAS	500.03	499.86	-0.1658
20	10	HDR UNBIAS	500.06	499.82	-0.2408
31	30	HDR BIAS	500.01	499.85	-0.1583
32	30	HDR BIAS	500.08	499.82	-0.2542
33	30	HDR BIAS	500.05	499.82	-0.2319
34	30	HDR BIAS	500.02	499.86	-0.1673
35	30	HDR BIAS	500.09	499.83	-0.2595
36	30	HDR UNBIAS	500.09	499.83	-0.2639
37	30	HDR UNBIAS	500.06	499.86	-0.2031
38	30	HDR UNBIAS	500.02	499.84	-0.1755
39	30	HDR UNBIAS	500.08	499.83	-0.2495
40	30	HDR UNBIAS	500.07	499.86	-0.2058
41	50	HDR BIAS	500.08	499.82	-0.2663
42	50	HDR BIAS	500.07	499.88	-0.1899
43	50	HDR BIAS	500.05	499.86	-0.1929
44	50	HDR BIAS	500.03	499.79	-0.2336
45	50	HDR BIAS	500.04	499.82	-0.2195
46	50	HDR UNBIAS	500.02	499.85	-0.1716
47	50	HDR UNBIAS	500.07	499.83	-0.2433
48	50	HDR UNBIAS	500.08	499.87	-0.208
49	50	HDR UNBIAS	500.07	499.86	-0.2083
50	50	HDR UNBIAS	500.03	499.79	-0.2353
51	100	HDR BIAS	500.04	499.83	-0.2151
52	100	HDR BIAS	500.02	499.85	-0.1732
53	100	HDR BIAS	500.04	499.83	-0.2084
54	100	HDR BIAS	500.04	499.87	-0.1707
55	100	HDR BIAS	500	499.85	-0.1411
56	100	HDR UNBIAS	500.07	499.79	-0.2754
57	100	HDR UNBIAS	498.91	499.83	0.9271
58	100	HDR UNBIAS	500.03	499.81	-0.2157
59	100	HDR UNBIAS	500.07	499.82	-0.2499
60	100	HDR UNBIAS	499.35	499.84	0.4908
71	0	CORRELATION	500.07	499.85	-0.2216
72	0	CORRELATION	500.04	499.83	-0.2107
73	0	CORRELATION	500.01	499.73	-0.2763

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.01	500.04	500.07	0.031528	499.73	499.8	499.85	0.063626	-0.2763	-0.2362	-0.2107	0.035153
3	500.02	500.05	500.09	0.023906	499.81	499.84	499.87	0.01904	-0.2476	-0.21515	-0.1547	0.033055
10	500.02	500.06	500.09	0.024057	499.79	499.85	499.88	0.028792	-0.249	-0.20879	-0.1658	0.031582
30	500.01	500.06	500.09	0.029367	499.82	499.84	499.86	0.01676	-0.2639	-0.2169	-0.1583	0.040311
50	500.02	500.05	500.08	0.024196	499.79	499.84	499.88	0.031198	-0.2663	-0.21687	-0.1716	0.028425
100	498.91	499.86	500.07	0.39808	499.79	499.83	499.87	0.022824	-0.2754	-0.02316	0.9271	0.40119

Device Test: 20.47 LEVEL|FREQ/RT/12/12/0/0/5/500kHz//@FSW_EXT_RT_C





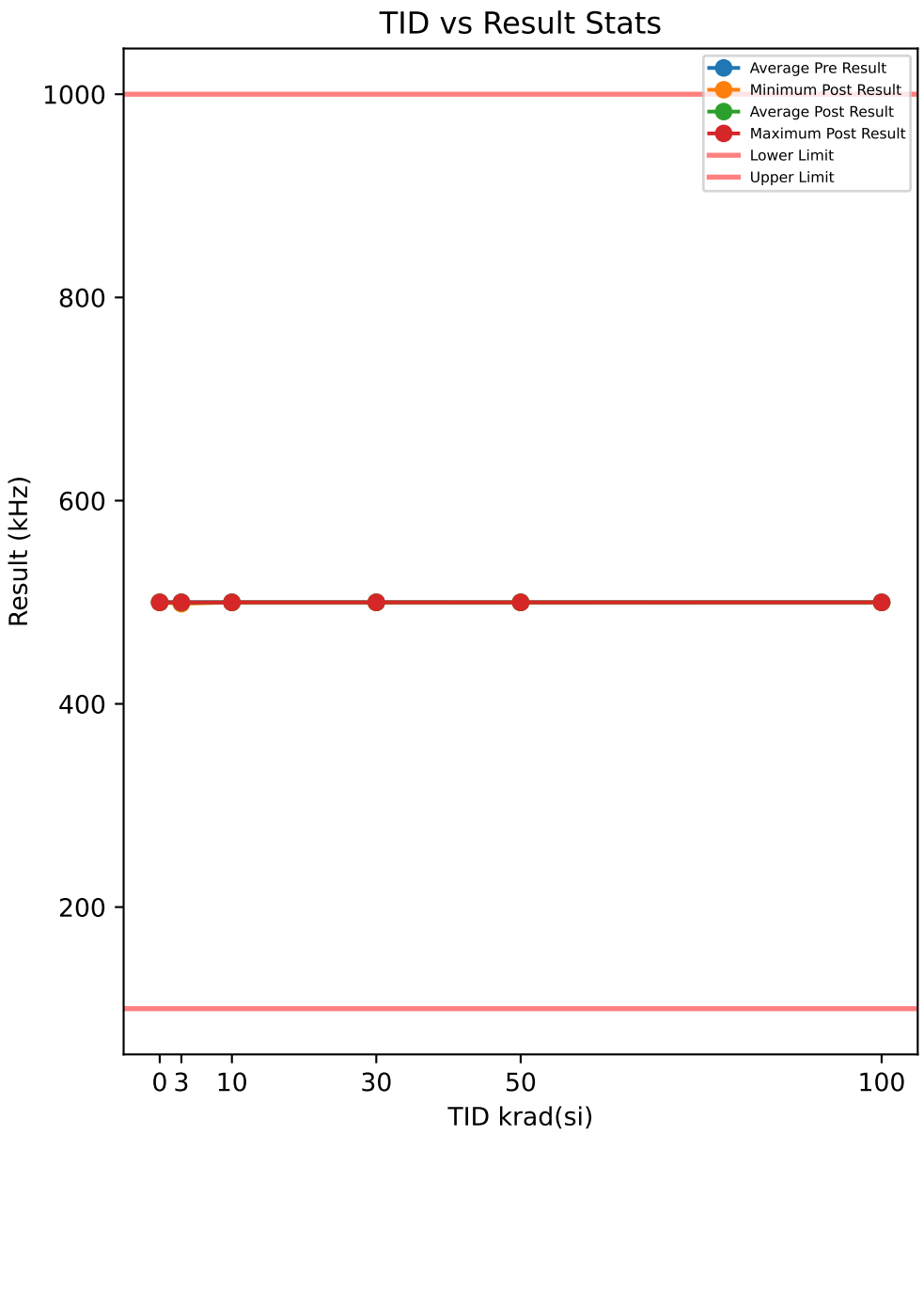
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

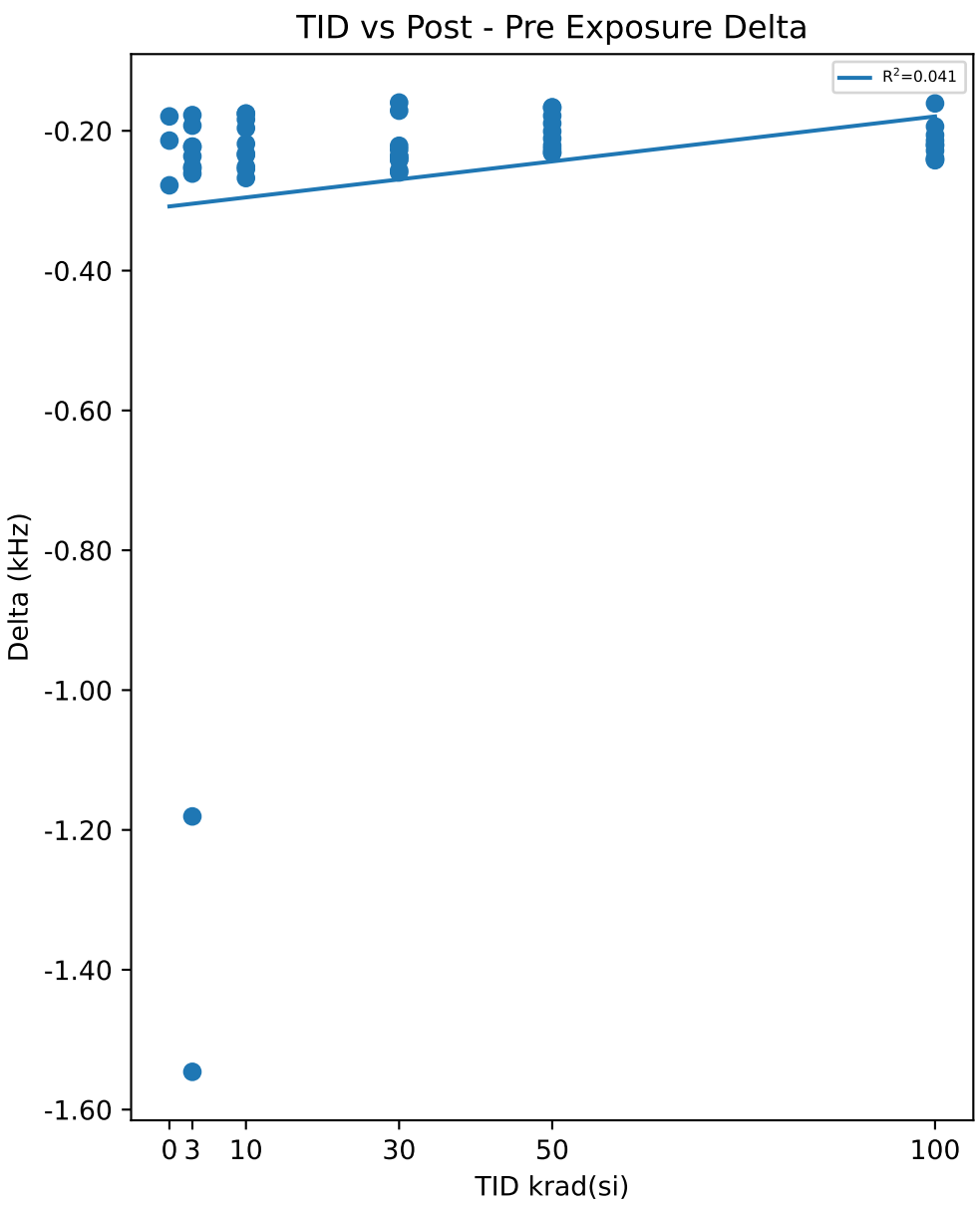
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	498.33	498.43	0.1042
2	3	HDR BIAS	507.58	507.19	-0.3946
3	3	HDR BIAS	497.11	496.61	-0.4967
4	3	HDR BIAS	503.43	503.27	-0.1615
5	3	HDR BIAS	499.1	499.1	0.0033
6	3	HDR UNBIAS	496.63	496.31	-0.3167
7	3	HDR UNBIAS	504.09	503.91	-0.1791
8	3	HDR UNBIAS	501.29	501.67	0.3819
9	3	HDR UNBIAS	502.31	501.44	-0.866
10	3	HDR UNBIAS	502.5	501.88	-0.6224
11	10	HDR BIAS	501.41	501.63	0.224
12	10	HDR BIAS	498.44	498.26	-0.1795
13	10	HDR BIAS	502.06	501.91	-0.1549
14	10	HDR BIAS	499.8	499.89	0.091
15	10	HDR BIAS	496.05	494.97	-1.0774
16	10	HDR UNBIAS	494.99	495.14	0.1427
17	10	HDR UNBIAS	496.56	495.22	-1.3356
18	10	HDR UNBIAS	502.1	501.32	-0.7853
19	10	HDR UNBIAS	503.55	503.2	-0.3569
20	10	HDR UNBIAS	500.59	499.97	-0.6253
31	30	HDR BIAS	497.53	498.61	1.0849
32	30	HDR BIAS	506.27	506.43	0.1683
33	30	HDR BIAS	497.79	497.09	-0.6965
34	30	HDR BIAS	488.76	487.9	-0.8638
35	30	HDR BIAS	503.11	501.81	-1.3023
36	30	HDR UNBIAS	503.12	502.85	-0.2639
37	30	HDR UNBIAS	500.74	501	0.2671
38	30	HDR UNBIAS	498.38	497.93	-0.4528
39	30	HDR UNBIAS	505.71	505.06	-0.6544
40	30	HDR UNBIAS	499.14	498.15	-0.9892
41	50	HDR BIAS	499.37	498.03	-1.3436
42	50	HDR BIAS	502.61	500.48	-2.1301
43	50	HDR BIAS	494.48	494.94	0.4588
44	50	HDR BIAS	502.38	502.61	0.2343
45	50	HDR BIAS	495.19	495.48	0.2849
46	50	HDR UNBIAS	501.8	502.17	0.3686
47	50	HDR UNBIAS	500.68	500.47	-0.205
48	50	HDR UNBIAS	499.89	495.76	-4.1236
49	50	HDR UNBIAS	499.48	500.8	1.3148
50	50	HDR UNBIAS	503.67	505.25	1.5758
51	100	HDR BIAS	495.56	494.23	-1.3249
52	100	HDR BIAS	496.58	495.96	-0.6221
53	100	HDR BIAS	497.16	498.55	1.3965
54	100	HDR BIAS	504.77	504.6	-0.1731
55	100	HDR BIAS	504.24	502.98	-1.2686
56	100	HDR UNBIAS	503.08	504.32	1.2413
57	100	HDR UNBIAS	500.85	502.87	2.0242
58	100	HDR UNBIAS	501.62	502.57	0.9457
59	100	HDR UNBIAS	506.93	506.25	-0.6847
60	100	HDR UNBIAS	507.11	504.91	-2.2039
71	0	CORRELATION	496.16	495.95	-0.2049
72	0	CORRELATION	500.1	499.95	-0.1511
73	0	CORRELATION	500.94	500.58	-0.3615

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.16	499.07	500.94	2.5553	495.95	498.83	500.58	2.5106	-0.3615	-0.23917	-0.1511	0.10931
3	496.63	501.24	507.58	3.4532	496.31	500.98	507.19	3.4124	-0.866	-0.25476	0.3819	0.36605
10	494.99	499.56	503.55	2.9184	494.97	499.15	503.2	3.0881	-1.3356	-0.40572	0.224	0.53423
30	488.76	500.05	506.27	5.0824	487.9	499.68	506.43	5.1959	-1.3023	-0.37026	1.0849	0.70824
50	494.48	499.96	503.67	3.0522	494.94	499.6	505.25	3.4382	-4.1236	-0.35651	1.5758	1.726
100	495.56	501.79	507.11	4.2126	494.23	501.72	506.25	4.0637	-2.2039	-0.06696	2.0242	1.3962

Device Test: 20.48 LEVEL|FREQ/SYNC/12/12/0/0/5/500kHz//@FREQ_SYNC_EXT





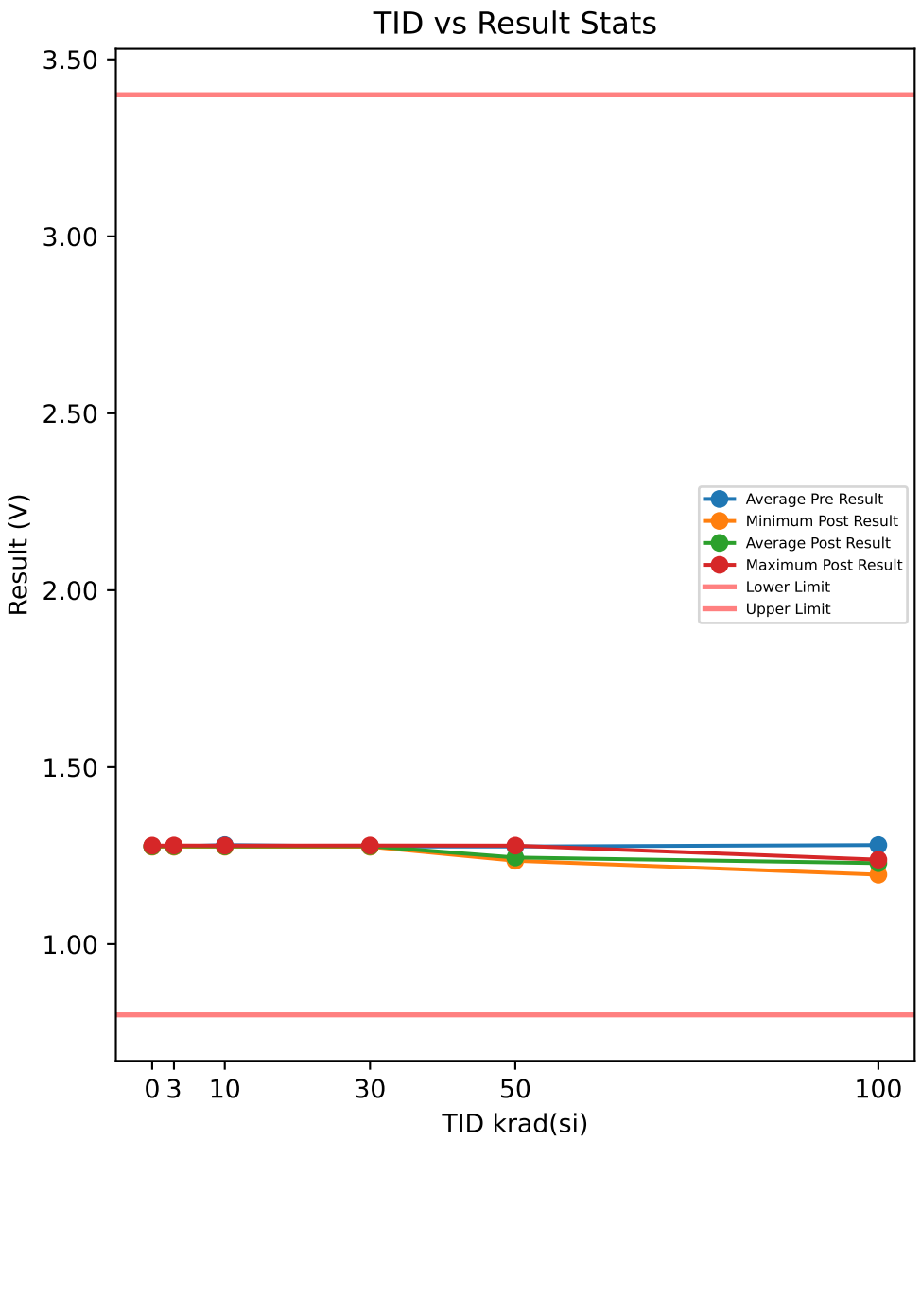
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

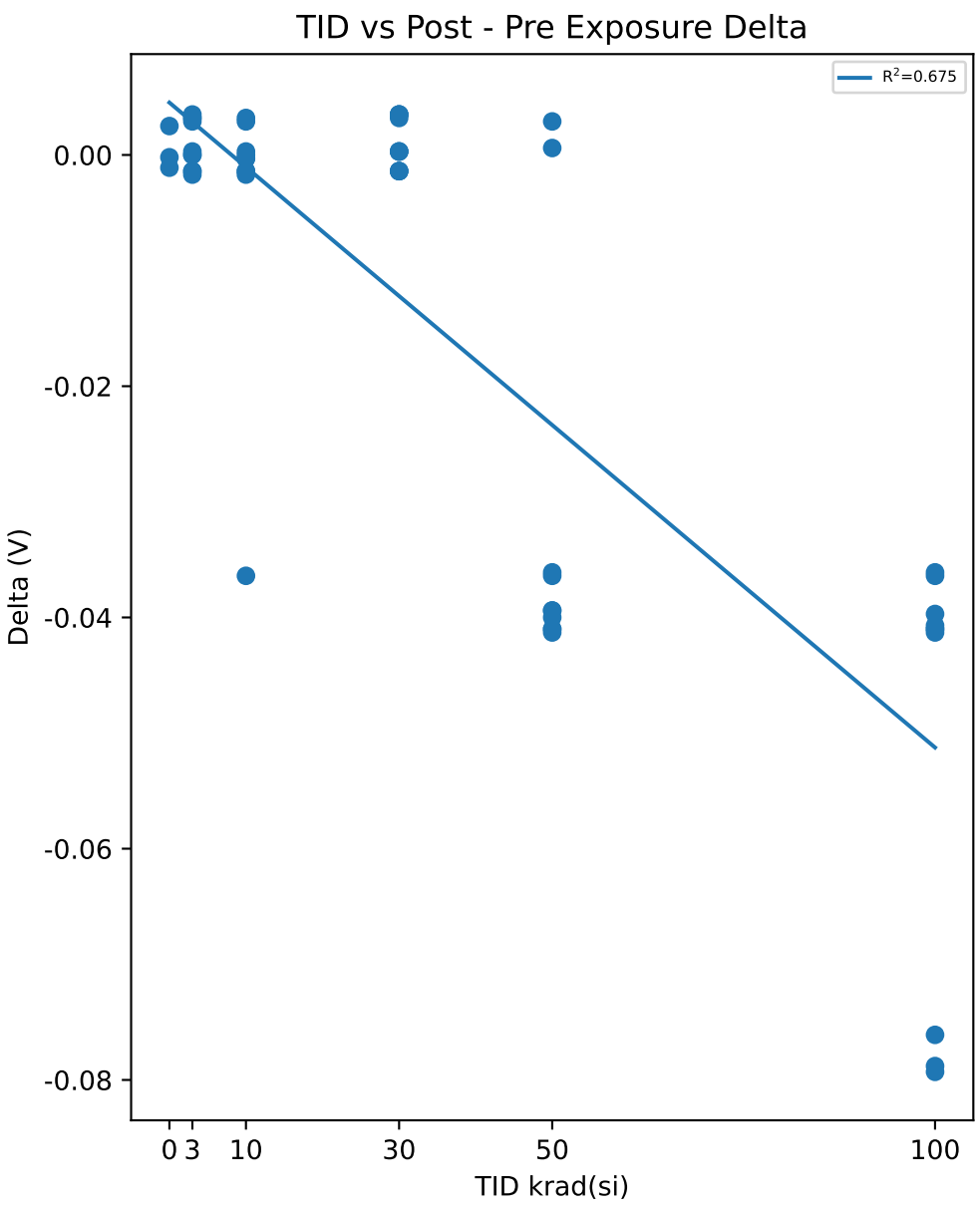
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.01	499.83	-0.1775
2	3	HDR BIAS	500.06	499.84	-0.2228
3	3	HDR BIAS	500.08	499.83	-0.2517
4	3	HDR BIAS	500.07	499.82	-0.2539
5	3	HDR BIAS	500.06	498.52	-1.546
6	3	HDR UNBIAS	500.06	499.87	-0.1926
7	3	HDR UNBIAS	500.04	499.81	-0.2226
8	3	HDR UNBIAS	500.05	499.79	-0.2612
9	3	HDR UNBIAS	500.08	498.9	-1.1807
10	3	HDR UNBIAS	500.05	499.81	-0.2364
11	10	HDR BIAS	500.06	499.83	-0.2345
12	10	HDR BIAS	500.04	499.86	-0.1754
13	10	HDR BIAS	500.02	499.85	-0.1754
14	10	HDR BIAS	500.08	499.82	-0.2547
15	10	HDR BIAS	500.08	499.83	-0.2515
16	10	HDR UNBIAS	500	499.82	-0.1837
17	10	HDR UNBIAS	500.11	499.85	-0.2676
18	10	HDR UNBIAS	500.05	499.83	-0.2186
19	10	HDR UNBIAS	500.05	499.86	-0.1962
20	10	HDR UNBIAS	500.03	499.8	-0.2329
31	30	HDR BIAS	500.05	499.82	-0.227
32	30	HDR BIAS	500.01	499.79	-0.2214
33	30	HDR BIAS	500.03	499.87	-0.1596
34	30	HDR BIAS	500.06	499.81	-0.2411
35	30	HDR BIAS	500.07	499.82	-0.2567
36	30	HDR UNBIAS	500.07	499.83	-0.2366
37	30	HDR UNBIAS	500.08	499.84	-0.2363
38	30	HDR UNBIAS	500.07	499.83	-0.2415
39	30	HDR UNBIAS	500.05	499.88	-0.1712
40	30	HDR UNBIAS	500.07	499.81	-0.2596
41	50	HDR BIAS	500.03	499.83	-0.2008
42	50	HDR BIAS	500.05	499.83	-0.2211
43	50	HDR BIAS	500.04	499.8	-0.2318
44	50	HDR BIAS	500.06	499.83	-0.2308
45	50	HDR BIAS	500.05	499.82	-0.226
46	50	HDR UNBIAS	500.02	499.83	-0.1894
47	50	HDR UNBIAS	500.01	499.83	-0.1785
48	50	HDR UNBIAS	500.03	499.87	-0.1664
49	50	HDR UNBIAS	499.97	499.8	-0.1667
50	50	HDR UNBIAS	500.06	499.85	-0.211
51	100	HDR BIAS	500.1	499.87	-0.2283
52	100	HDR BIAS	500.01	499.82	-0.1938
53	100	HDR BIAS	500.06	499.82	-0.2421
54	100	HDR BIAS	500.08	499.86	-0.214
55	100	HDR BIAS	500.01	499.85	-0.1608
56	100	HDR UNBIAS	500.07	499.85	-0.2199
57	100	HDR UNBIAS	500.04	499.83	-0.2061
58	100	HDR UNBIAS	500.06	499.84	-0.2209
59	100	HDR UNBIAS	500.02	499.79	-0.239
60	100	HDR UNBIAS	500.07	499.83	-0.2413
71	0	CORRELATION	500.02	499.8	-0.214
72	0	CORRELATION	500.07	499.79	-0.278
73	0	CORRELATION	500.05	499.87	-0.1794

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.02	500.05	500.07	0.025729	499.79	499.82	499.87	0.043645	-0.278	-0.2238	-0.1794	0.050025
3	500.01	500.05	500.08	0.022677	498.52	499.6	499.87	0.47928	-1.546	-0.45454	-0.1775	0.48738
10	500	500.05	500.11	0.031526	499.8	499.83	499.86	0.018952	-0.2676	-0.21905	-0.1754	0.034471
30	500.01	500.05	500.08	0.022249	499.79	499.83	499.88	0.02658	-0.2596	-0.2251	-0.1596	0.033639
50	499.97	500.03	500.06	0.026162	499.8	499.83	499.87	0.0183	-0.2318	-0.20225	-0.1664	0.025744
100	500.01	500.05	500.1	0.03022	499.79	499.84	499.87	0.026357	-0.2421	-0.21662	-0.1608	0.025119

Device Test: 20.5 LEVEL|LOW_LEVEL/SYNC/5/5/0/0/4.5/500kHz//@SYNC_VIL_TH_HIGH_4P5





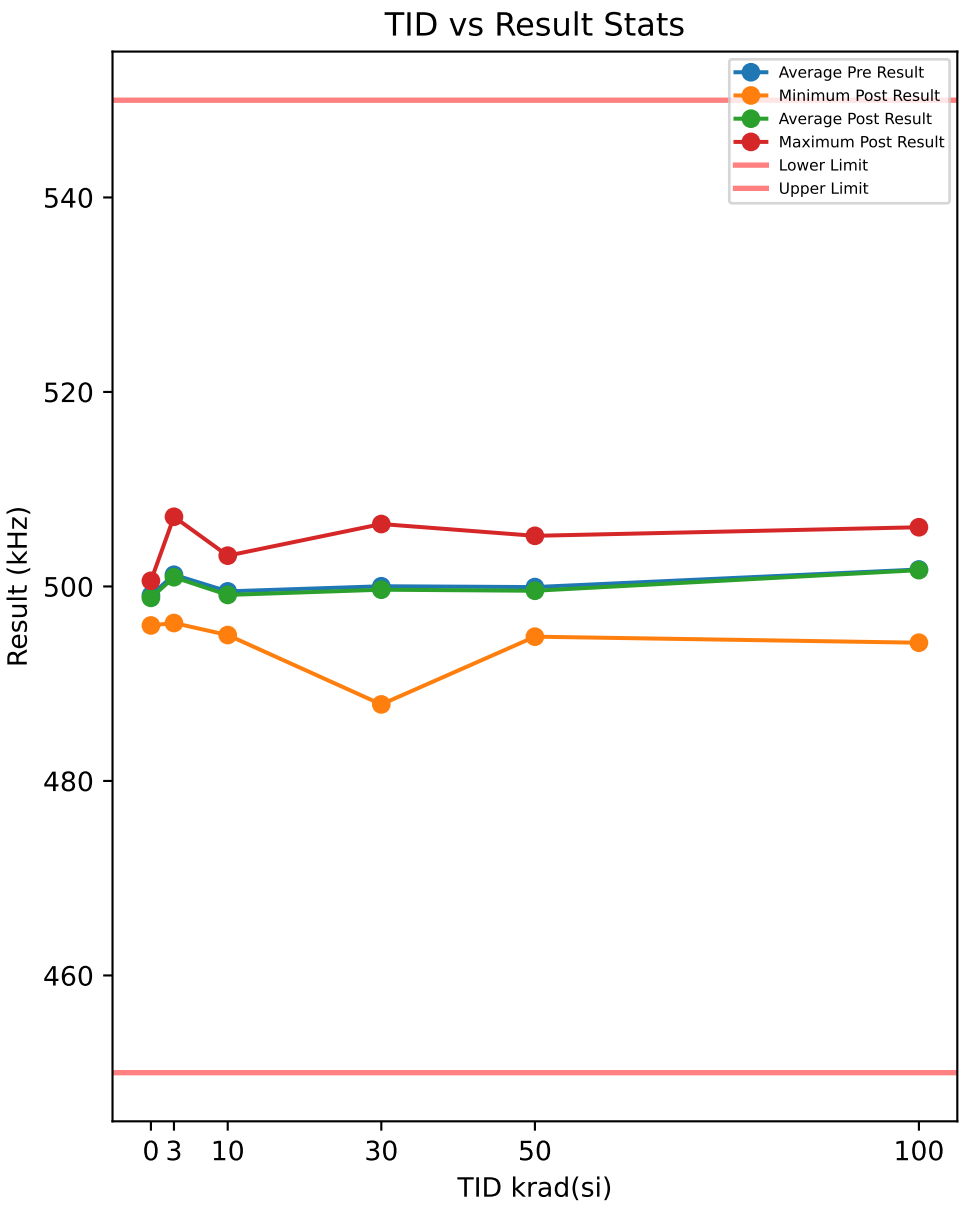
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

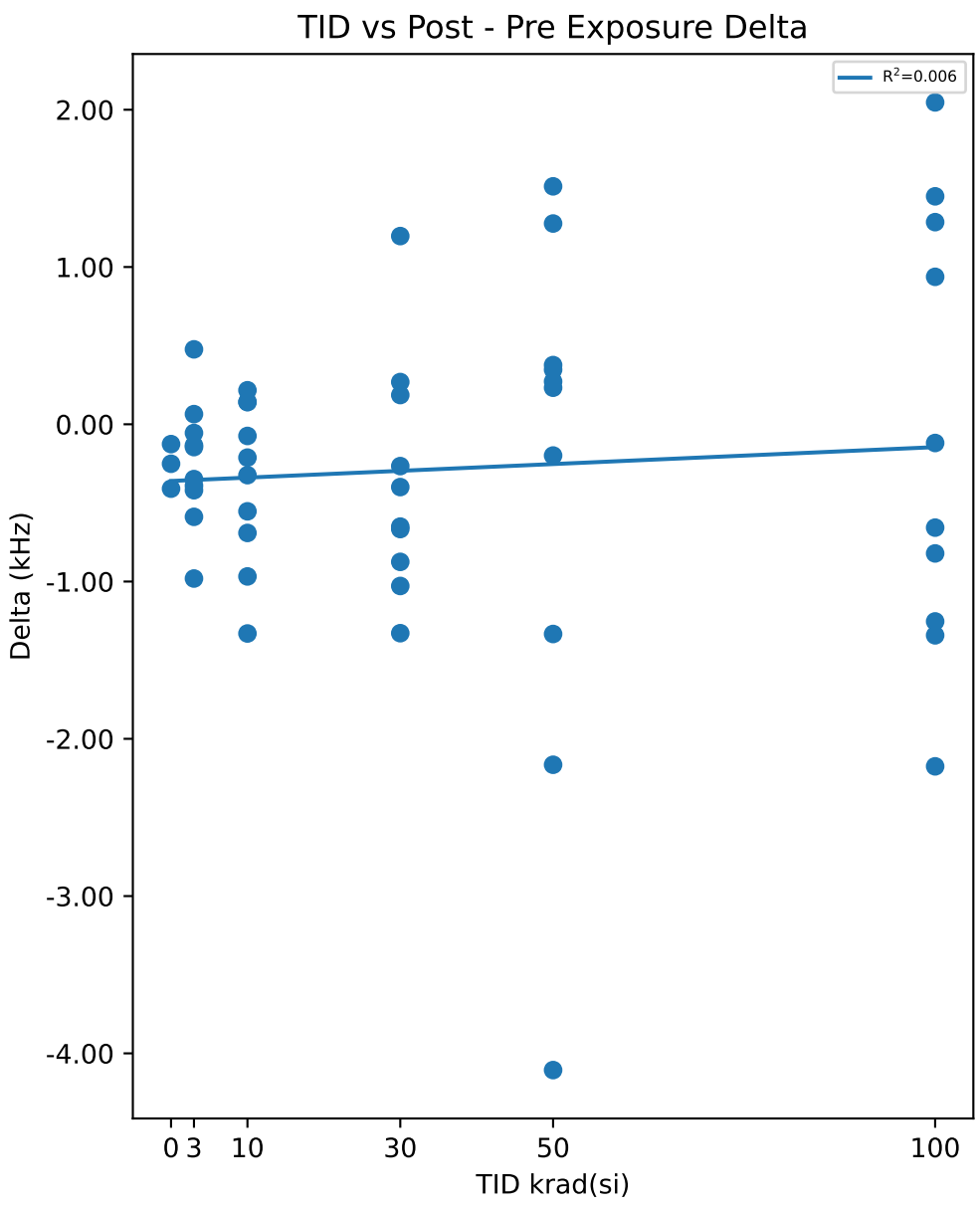
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.275	1.2782	0.0032
2	3	HDR BIAS	1.2757	1.2757	0
3	3	HDR BIAS	1.2768	1.2751	-0.0017
4	3	HDR BIAS	1.275	1.2782	0.0032
5	3	HDR BIAS	1.2754	1.2757	0.0003
6	3	HDR UNBIAS	1.2765	1.2751	-0.0014
7	3	HDR UNBIAS	1.2753	1.2782	0.0029
8	3	HDR UNBIAS	1.2757	1.2757	0
9	3	HDR UNBIAS	1.2765	1.2751	-0.0014
10	3	HDR UNBIAS	1.275	1.2785	0.0035
11	10	HDR BIAS	1.2754	1.2757	0.0003
12	10	HDR BIAS	1.2768	1.2751	-0.0017
13	10	HDR BIAS	1.2753	1.2782	0.0029
14	10	HDR BIAS	1.2757	1.2757	0
15	10	HDR BIAS	1.2765	1.2751	-0.0014
16	10	HDR UNBIAS	1.275	1.2782	0.0032
17	10	HDR UNBIAS	1.2757	1.2754	-0.0003
18	10	HDR UNBIAS	1.2765	1.2751	-0.0014
19	10	HDR UNBIAS	1.3146	1.2782	-0.0364
20	10	HDR UNBIAS	1.2757	1.2754	-0.0003
31	30	HDR BIAS	1.2747	1.2782	0.0035
32	30	HDR BIAS	1.2754	1.2757	0.0003
33	30	HDR BIAS	1.2765	1.2751	-0.0014
34	30	HDR BIAS	1.275	1.2785	0.0035
35	30	HDR BIAS	1.2757	1.276	0.0003
36	30	HDR UNBIAS	1.2768	1.2754	-0.0014
37	30	HDR UNBIAS	1.275	1.2782	0.0032
38	30	HDR UNBIAS	1.2757	1.276	0.0003
39	30	HDR UNBIAS	1.2768	1.2754	-0.0014
40	30	HDR UNBIAS	1.2747	1.2782	0.0035
41	50	HDR BIAS	1.2757	1.2763	0.0006
42	50	HDR BIAS	1.2768	1.2358	-0.041
43	50	HDR BIAS	1.2753	1.2782	0.0029
44	50	HDR BIAS	1.2757	1.2363	-0.0394
45	50	HDR BIAS	1.2768	1.2358	-0.041
46	50	HDR UNBIAS	1.2747	1.2386	-0.0361
47	50	HDR UNBIAS	1.276	1.236	-0.04
48	50	HDR UNBIAS	1.2768	1.2355	-0.0413
49	50	HDR UNBIAS	1.2747	1.2383	-0.0364
50	50	HDR UNBIAS	1.2754	1.236	-0.0394
51	100	HDR BIAS	1.2765	1.2355	-0.041
52	100	HDR BIAS	1.275	1.2386	-0.0364
53	100	HDR BIAS	1.2757	1.1964	-0.0793
54	100	HDR BIAS	1.2765	1.2358	-0.0407
55	100	HDR BIAS	1.2747	1.2386	-0.0361
56	100	HDR UNBIAS	1.2757	1.236	-0.0397
57	100	HDR UNBIAS	1.2768	1.2355	-0.0413
58	100	HDR UNBIAS	1.275	1.1989	-0.0761
59	100	HDR UNBIAS	1.3151	1.2363	-0.0788
60	100	HDR UNBIAS	1.2768	1.2358	-0.041
71	0	CORRELATION	1.2757	1.2782	0.0025
72	0	CORRELATION	1.2768	1.2757	-0.0011
73	0	CORRELATION	1.2753	1.2751	-0.0002

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	1.2753	1.2759	1.2768	0.00077675	1.2751	1.2763	1.2782	0.0016442	-0.0011	0.0004	0.0025	0.0018735
3	1.275	1.2757	1.2768	0.00068386	1.2751	1.2765	1.2785	0.0015072	-0.0017	0.00086	0.0035	0.0021251
10	1.275	1.2797	1.3146	0.012269	1.2751	1.2762	1.2782	0.0013908	-0.0364	-0.00351	0.0032	0.011679
30	1.2747	1.2756	1.2768	0.00082199	1.2751	1.2767	1.2785	0.0014103	-0.0014	0.00104	0.0035	0.0021686
50	1.2747	1.2758	1.2768	0.00080891	1.2355	1.2447	1.2782	0.017205	-0.0413	-0.03111	0.0029	0.01742
100	1.2747	1.2798	1.3151	0.012435	1.1964	1.2287	1.2386	0.016437	-0.0793	-0.05104	-0.0361	0.018758

Device Test: 20.51 LEVEL|FREQ/RT/14/14/0/0/5/500kHz//@FSW_EXT_RT_C





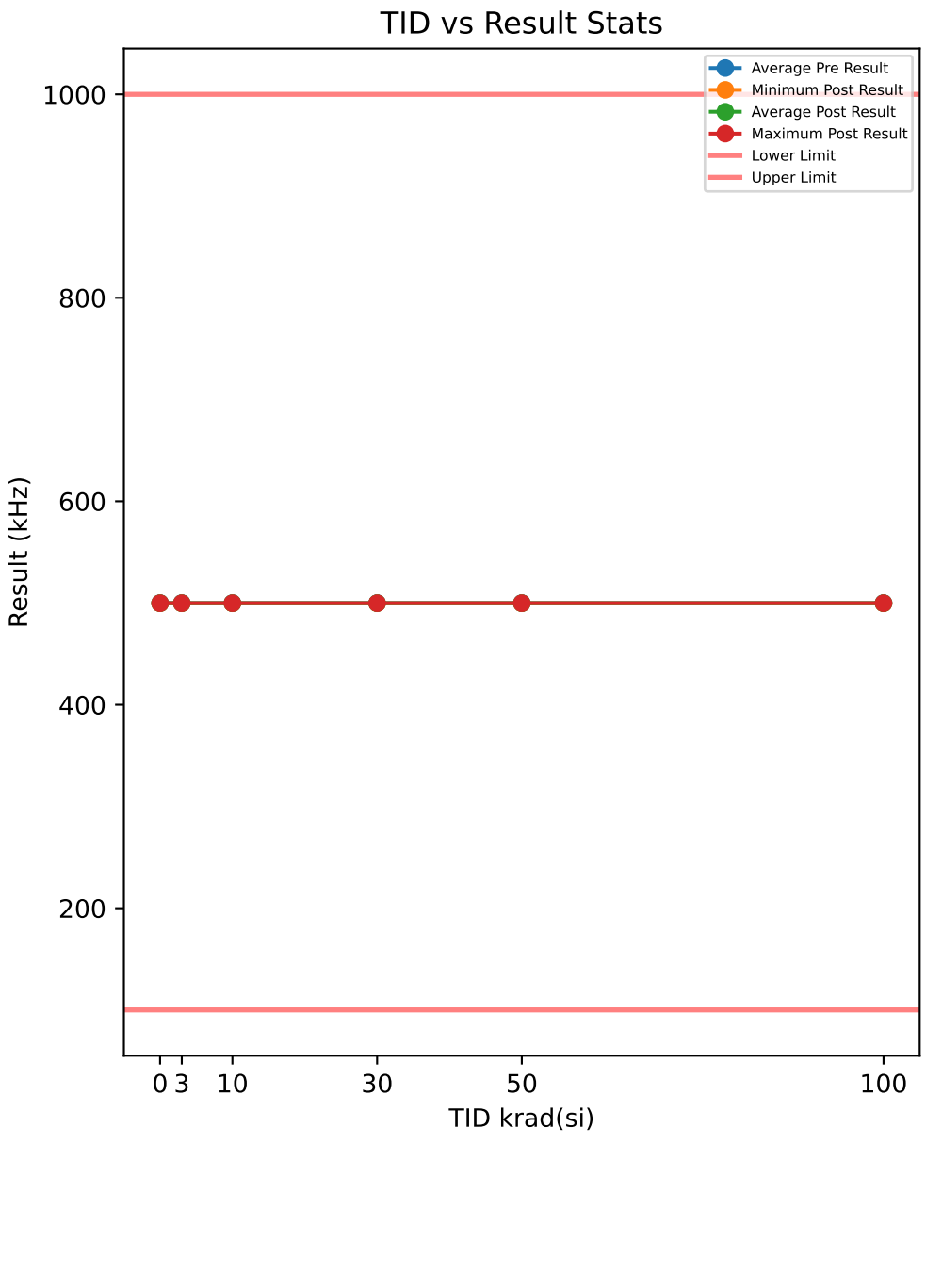
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

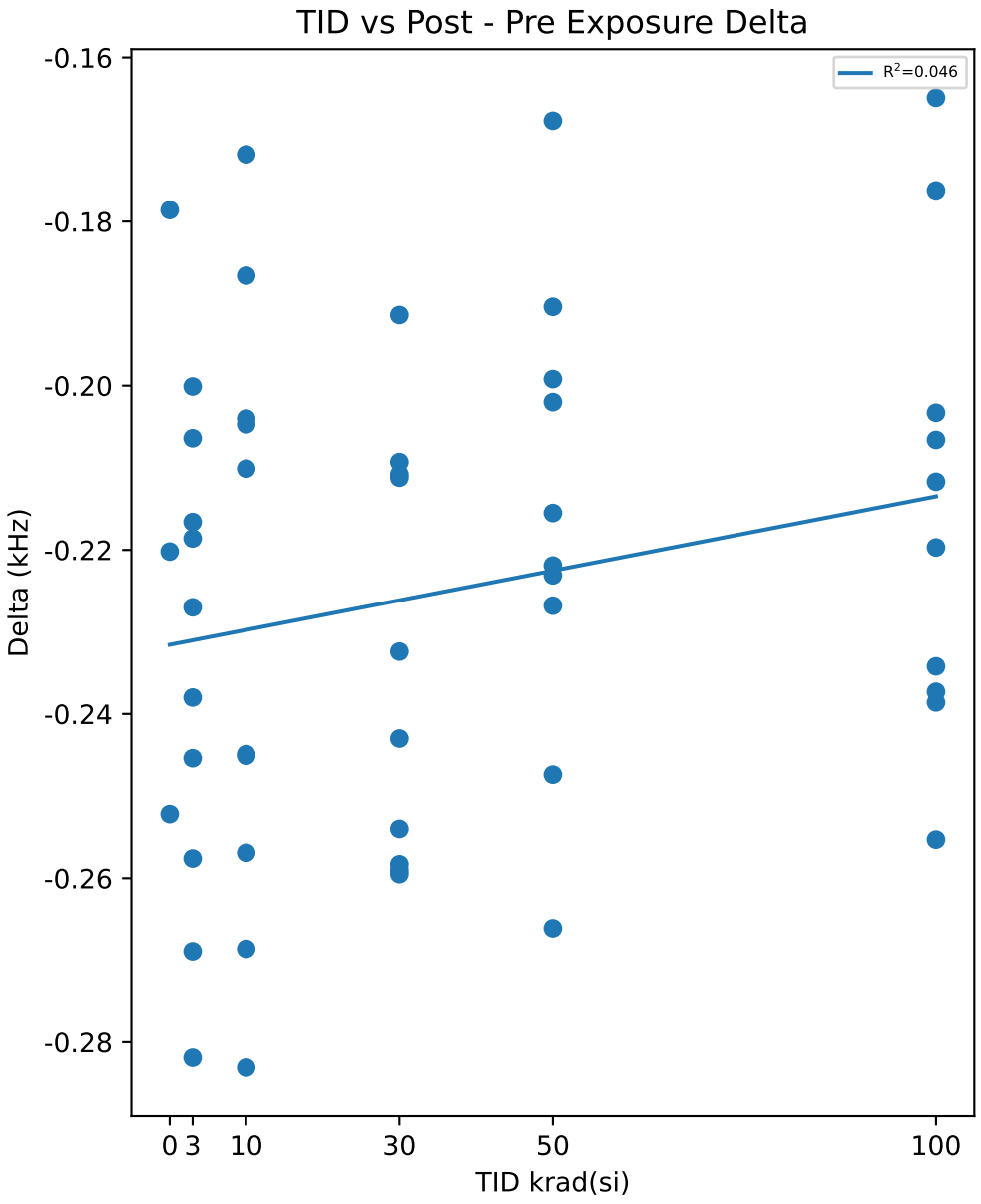
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	498.33	498.39	0.0646
2	3	HDR BIAS	507.51	507.16	-0.3485
3	3	HDR BIAS	497.02	496.6	-0.4194
4	3	HDR BIAS	503.31	503.26	-0.0554
5	3	HDR BIAS	499.11	498.98	-0.1338
6	3	HDR UNBIAS	496.63	496.24	-0.3908
7	3	HDR UNBIAS	504.03	503.89	-0.1451
8	3	HDR UNBIAS	501.21	501.69	0.4764
9	3	HDR UNBIAS	502.36	501.38	-0.9808
10	3	HDR UNBIAS	502.49	501.91	-0.5885
11	10	HDR BIAS	501.37	501.59	0.2163
12	10	HDR BIAS	498.42	498.21	-0.2119
13	10	HDR BIAS	501.98	501.9	-0.0742
14	10	HDR BIAS	499.77	499.91	0.1411
15	10	HDR BIAS	495.97	495	-0.9675
16	10	HDR UNBIAS	494.96	495.1	0.1418
17	10	HDR UNBIAS	496.5	495.17	-1.3303
18	10	HDR UNBIAS	501.98	501.28	-0.691
19	10	HDR UNBIAS	503.49	503.16	-0.3235
20	10	HDR UNBIAS	500.51	499.96	-0.5535
31	30	HDR BIAS	497.43	498.63	1.1967
32	30	HDR BIAS	506.23	506.42	0.1859
33	30	HDR BIAS	497.74	497.07	-0.6663
34	30	HDR BIAS	488.75	487.87	-0.8749
35	30	HDR BIAS	503.06	501.73	-1.3284
36	30	HDR UNBIAS	503.06	502.8	-0.2659
37	30	HDR UNBIAS	500.72	500.99	0.2685
38	30	HDR UNBIAS	498.33	497.93	-0.3993
39	30	HDR UNBIAS	505.71	505.06	-0.6506
40	30	HDR UNBIAS	499.17	498.15	-1.0282
41	50	HDR BIAS	499.38	498.04	-1.3335
42	50	HDR BIAS	502.61	500.44	-2.165
43	50	HDR BIAS	494.46	494.84	0.3764
44	50	HDR BIAS	502.34	502.61	0.2721
45	50	HDR BIAS	495.24	495.47	0.2324
46	50	HDR UNBIAS	501.78	502.13	0.3471
47	50	HDR UNBIAS	500.61	500.41	-0.1987
48	50	HDR UNBIAS	499.79	495.69	-4.1064
49	50	HDR UNBIAS	499.45	500.73	1.2765
50	50	HDR UNBIAS	503.69	505.21	1.5129
51	100	HDR BIAS	495.56	494.21	-1.342
52	100	HDR BIAS	496.52	495.86	-0.6572
53	100	HDR BIAS	497.1	498.55	1.4494
54	100	HDR BIAS	504.68	504.56	-0.119
55	100	HDR BIAS	504.14	502.89	-1.2536
56	100	HDR UNBIAS	503.03	504.31	1.2853
57	100	HDR UNBIAS	500.8	502.85	2.0467
58	100	HDR UNBIAS	501.58	502.52	0.9376
59	100	HDR UNBIAS	506.91	506.09	-0.8212
60	100	HDR UNBIAS	507.1	504.93	-2.1751
71	0	CORRELATION	496.12	495.99	-0.1261
72	0	CORRELATION	500.16	499.91	-0.2511
73	0	CORRELATION	500.99	500.58	-0.4094

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.12	499.09	500.99	2.6083	495.99	498.83	500.58	2.48	-0.4094	-0.2622	-0.1261	0.14198
3	496.63	501.2	507.51	3.4372	496.24	500.95	507.16	3.428	-0.9808	-0.25213	0.4764	0.39382
10	494.96	499.49	503.49	2.9073	495	499.13	503.16	3.0878	-1.3303	-0.36527	0.2163	0.5161
30	488.75	500.02	506.23	5.0829	487.87	499.66	506.42	5.1933	-1.3284	-0.35625	1.1967	0.74194
50	494.46	499.94	503.69	3.0471	494.84	499.56	505.21	3.4489	-4.1064	-0.37862	1.5129	1.7076
100	495.56	501.74	507.1	4.2094	494.21	501.68	506.09	4.0571	-2.1751	-0.06491	2.0467	1.4143

Device Test: 20.52 LEVEL|FREQ/SYNC/14/14/0/0/5/500kHz//@FREQ_SYNC_EXT





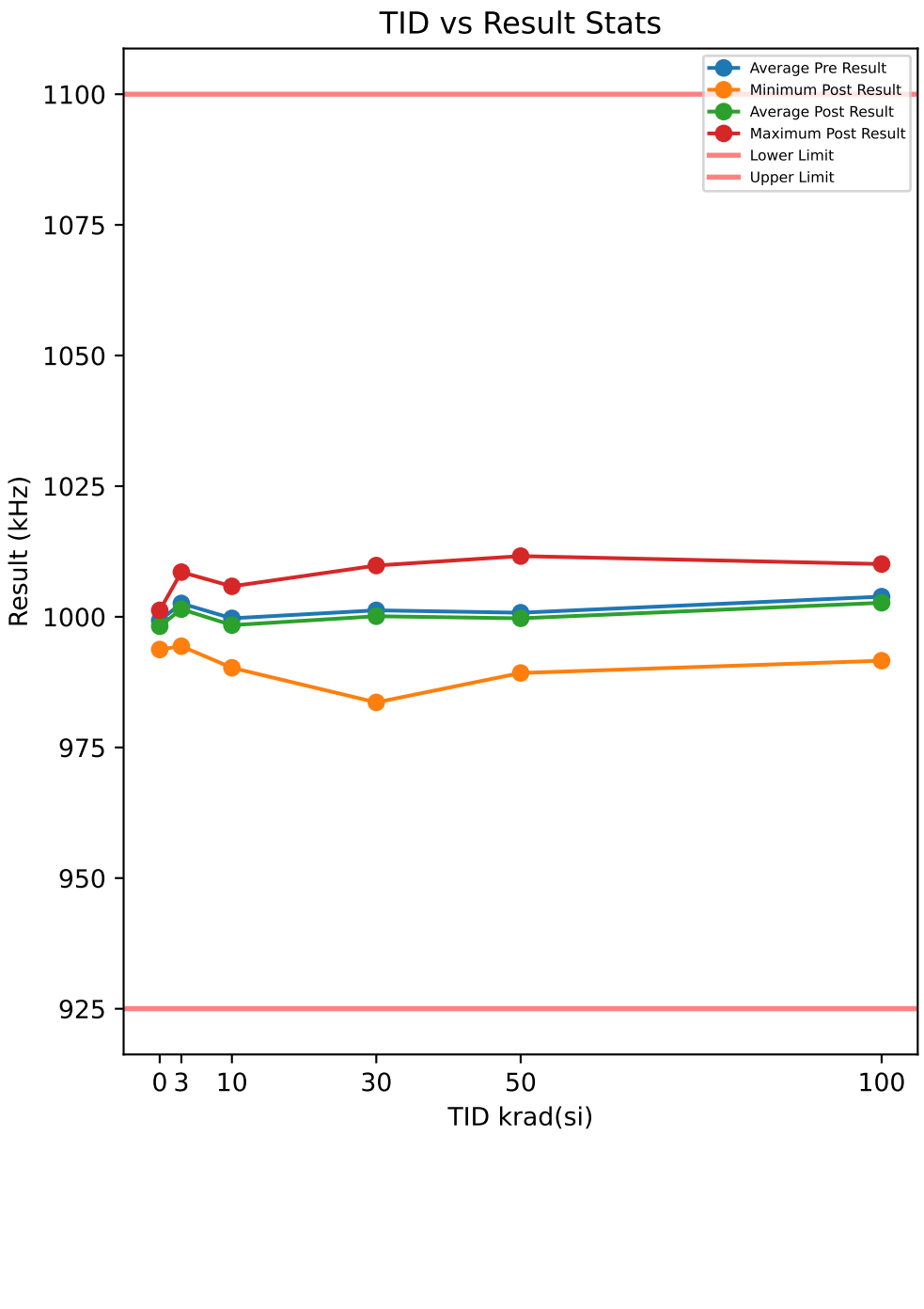
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

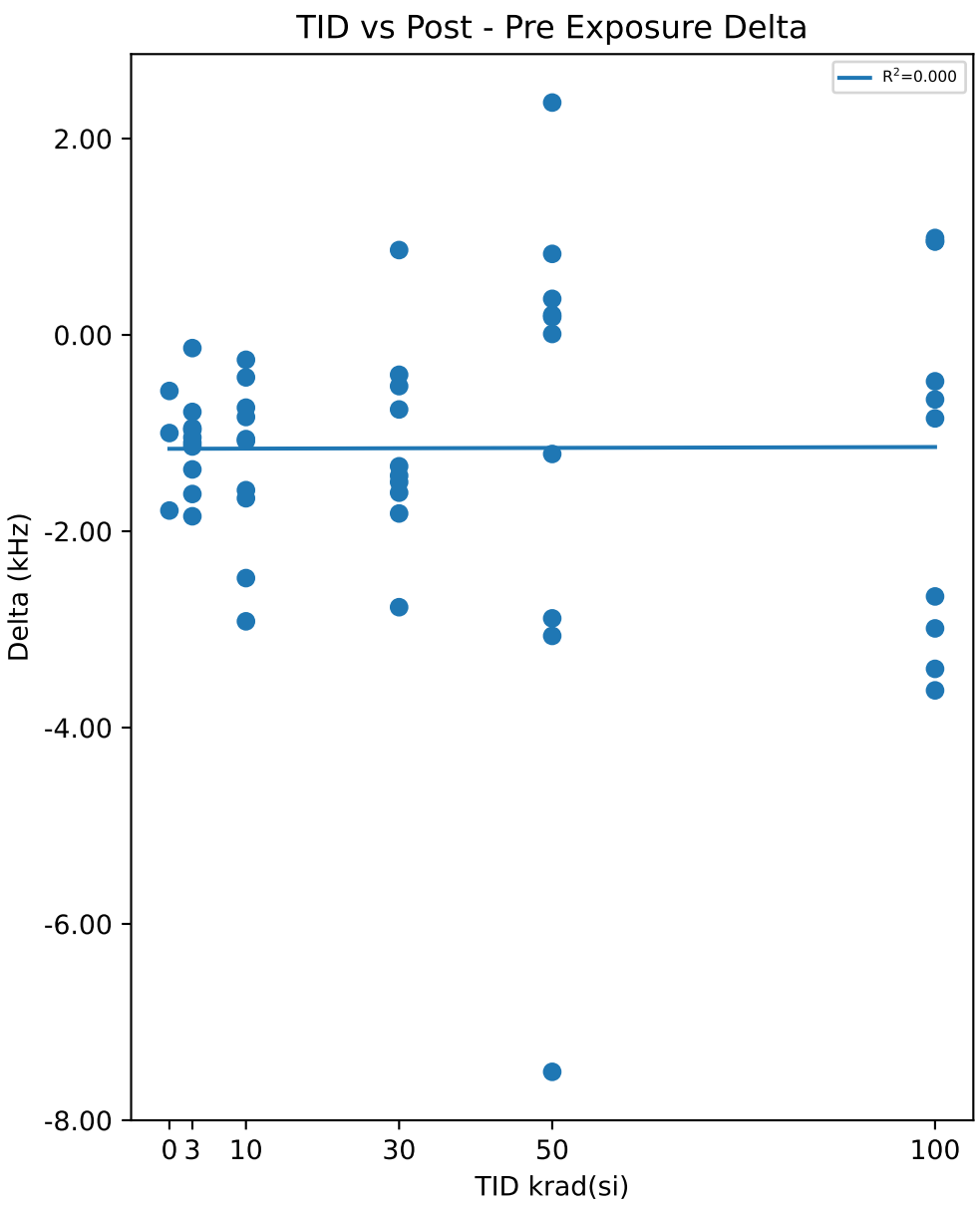
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.01	499.81	-0.2001
2	3	HDR BIAS	500.04	499.82	-0.2166
3	3	HDR BIAS	500.1	499.83	-0.2689
4	3	HDR BIAS	500.07	499.86	-0.2064
5	3	HDR BIAS	500.07	499.79	-0.2819
6	3	HDR UNBIAS	500.07	499.83	-0.238
7	3	HDR UNBIAS	500.03	499.8	-0.227
8	3	HDR UNBIAS	500.06	499.82	-0.2454
9	3	HDR UNBIAS	500.04	499.82	-0.2186
10	3	HDR UNBIAS	500.07	499.81	-0.2576
11	10	HDR BIAS	500.08	499.83	-0.2569
12	10	HDR BIAS	500.11	499.86	-0.2451
13	10	HDR BIAS	500.03	499.82	-0.2101
14	10	HDR BIAS	500.06	499.78	-0.2831
15	10	HDR BIAS	500.07	499.87	-0.204
16	10	HDR UNBIAS	500.06	499.85	-0.2047
17	10	HDR UNBIAS	500.03	499.78	-0.2449
18	10	HDR UNBIAS	500.05	499.86	-0.1866
19	10	HDR UNBIAS	500.02	499.85	-0.1718
20	10	HDR UNBIAS	500.06	499.79	-0.2686
31	30	HDR BIAS	500.08	499.84	-0.2324
32	30	HDR BIAS	500.08	499.82	-0.254
33	30	HDR BIAS	500.07	499.86	-0.2093
34	30	HDR BIAS	500.08	499.82	-0.2595
35	30	HDR BIAS	500.09	499.83	-0.259
36	30	HDR UNBIAS	500.08	499.84	-0.243
37	30	HDR UNBIAS	500.02	499.81	-0.2108
38	30	HDR UNBIAS	500.05	499.79	-0.2583
39	30	HDR UNBIAS	500.03	499.84	-0.1914
40	30	HDR UNBIAS	500.02	499.81	-0.2112
41	50	HDR BIAS	500.03	499.81	-0.2231
42	50	HDR BIAS	500.04	499.87	-0.1677
43	50	HDR BIAS	500.02	499.8	-0.2219
44	50	HDR BIAS	500.05	499.79	-0.2661
45	50	HDR BIAS	500.03	499.82	-0.2155
46	50	HDR UNBIAS	500.02	499.83	-0.1904
47	50	HDR UNBIAS	500.06	499.83	-0.2268
48	50	HDR UNBIAS	500.04	499.84	-0.1992
49	50	HDR UNBIAS	500.05	499.81	-0.2474
50	50	HDR UNBIAS	500.03	499.83	-0.202
51	100	HDR BIAS	500.07	499.84	-0.2373
52	100	HDR BIAS	500.02	499.86	-0.1649
53	100	HDR BIAS	500.04	499.8	-0.2342
54	100	HDR BIAS	500.09	499.87	-0.2197
55	100	HDR BIAS	500.01	499.81	-0.2033
56	100	HDR UNBIAS	500.03	499.82	-0.2066
57	100	HDR UNBIAS	500.09	499.83	-0.2553
58	100	HDR UNBIAS	500.05	499.84	-0.2117
59	100	HDR UNBIAS	500.02	499.79	-0.2386
60	100	HDR UNBIAS	500.04	499.86	-0.1762
71	0	CORRELATION	500.03	499.85	-0.1786
72	0	CORRELATION	500.09	499.83	-0.2522
73	0	CORRELATION	500.06	499.84	-0.2202

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.03	500.06	500.09	0.02995	499.83	499.84	499.85	0.0073786	-0.2522	-0.217	-0.1786	0.036904
3	500.01	500.06	500.1	0.023908	499.79	499.82	499.86	0.01967	-0.2819	-0.23605	-0.2001	0.02723
10	500.02	500.06	500.11	0.027011	499.78	499.83	499.87	0.033839	-0.2831	-0.22758	-0.1718	0.03713
30	500.02	500.06	500.09	0.027103	499.79	499.83	499.86	0.020326	-0.2595	-0.23289	-0.1914	0.025429
50	500.02	500.04	500.06	0.013302	499.79	499.82	499.87	0.023337	-0.2661	-0.21601	-0.1677	0.028215
100	500.01	500.05	500.09	0.027655	499.79	499.83	499.87	0.026812	-0.2553	-0.21478	-0.1649	0.028485

Device Test: 20.55 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/1MHz//@FSW_EXT_RT_D





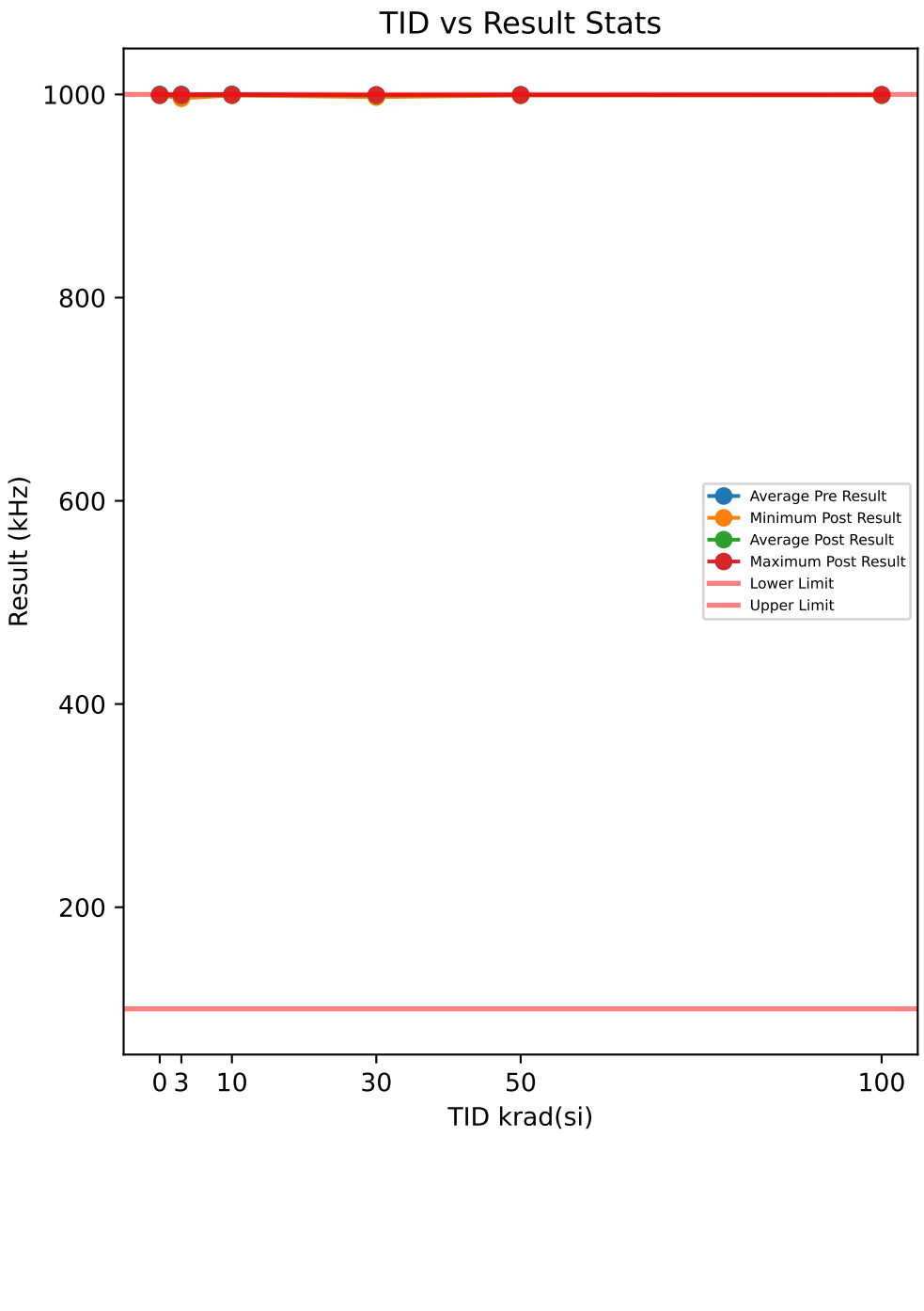
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

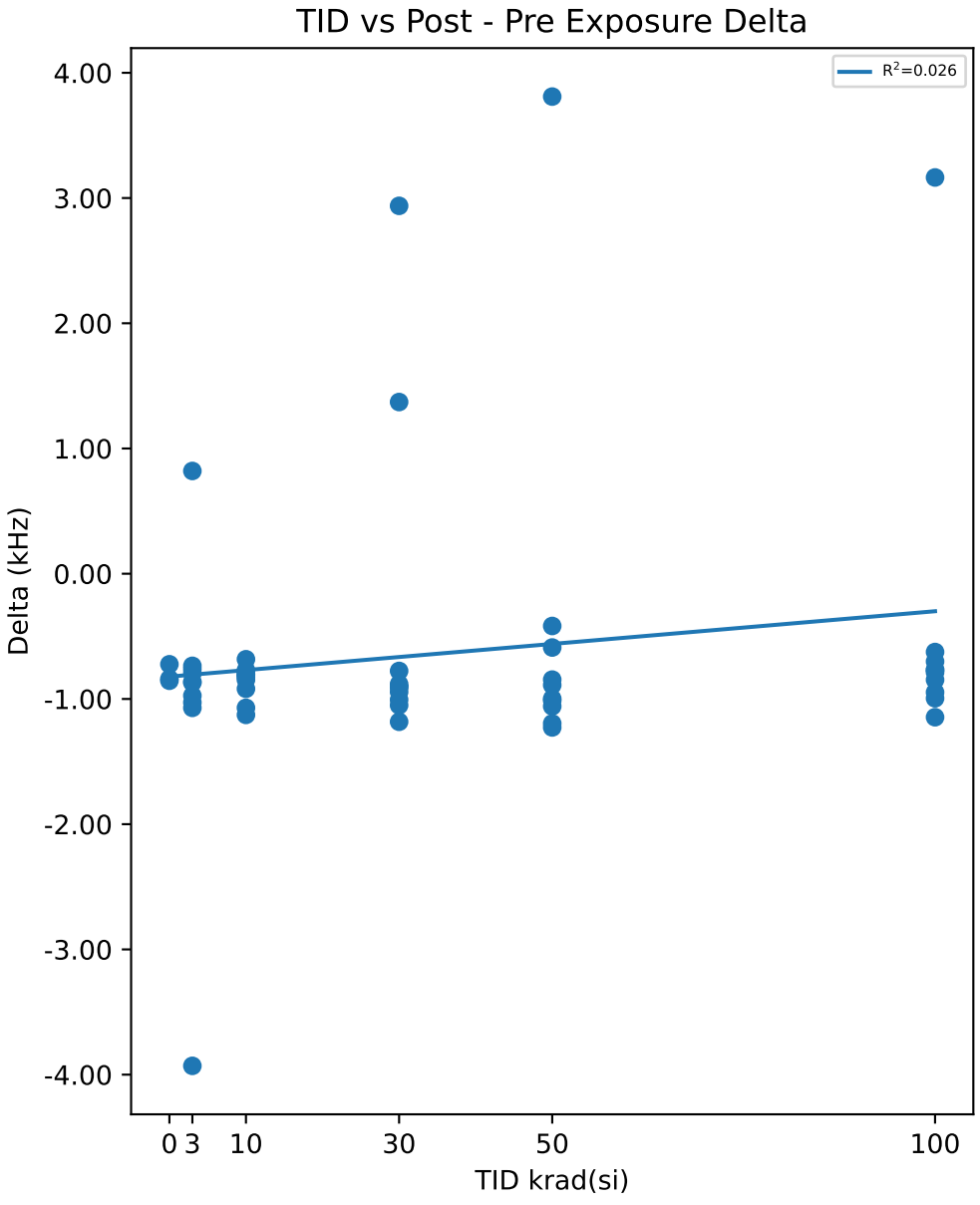
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	998.03	997.24	-0.7844
2	3	HDR BIAS	1009.9	1008.6	-1.3703
3	3	HDR BIAS	997.56	996.52	-1.0446
4	3	HDR BIAS	1004.4	1003.5	-0.9493
5	3	HDR BIAS	1000.7	999.71	-0.9665
6	3	HDR UNBIAS	995.51	994.37	-1.1366
7	3	HDR UNBIAS	1008.7	1007.6	-1.0992
8	3	HDR UNBIAS	1004.2	1004.1	-0.1343
9	3	HDR UNBIAS	1002.5	1000.8	-1.6208
10	3	HDR UNBIAS	1004.1	1002.2	-1.8476
11	10	HDR BIAS	1003.1	1002.9	-0.2533
12	10	HDR BIAS	997.24	996.4	-0.8364
13	10	HDR BIAS	1004.5	1003.8	-0.7409
14	10	HDR BIAS	998.89	997.83	-1.0613
15	10	HDR BIAS	995.94	993.46	-2.4773
16	10	HDR UNBIAS	990.68	990.25	-0.4327
17	10	HDR UNBIAS	994.94	992.02	-2.9175
18	10	HDR UNBIAS	1003	1001.4	-1.5815
19	10	HDR UNBIAS	1006.9	1005.8	-1.0789
20	10	HDR UNBIAS	1001.8	1000.1	-1.6641
31	30	HDR BIAS	995.99	996.86	0.8643
32	30	HDR BIAS	1010.1	1009.6	-0.5219
33	30	HDR BIAS	999.77	998.33	-1.4341
34	30	HDR BIAS	985.44	983.62	-1.8191
35	30	HDR BIAS	1004.7	1001.9	-2.7737
36	30	HDR UNBIAS	1006.7	1005.9	-0.7594
37	30	HDR UNBIAS	1000.8	1000.4	-0.4059
38	30	HDR UNBIAS	999.09	997.59	-1.4992
39	30	HDR UNBIAS	1011.4	1009.8	-1.6071
40	30	HDR UNBIAS	998.45	997.11	-1.3383
41	50	HDR BIAS	1000.4	997.36	-3.0659
42	50	HDR BIAS	1002.5	999.64	-2.8874
43	50	HDR BIAS	991.75	992.12	0.3675
44	50	HDR BIAS	1004.3	1004.5	0.2037
45	50	HDR BIAS	994.89	994.9	0.0098
46	50	HDR UNBIAS	1001.9	1002.1	0.1808
47	50	HDR UNBIAS	1003	1001.8	-1.2129
48	50	HDR UNBIAS	996.75	989.25	-7.5069
49	50	HDR UNBIAS	1003	1003.8	0.8254
50	50	HDR UNBIAS	1009.2	1011.6	2.3669
51	100	HDR BIAS	994.58	991.6	-2.9897
52	100	HDR BIAS	995.08	994.23	-0.8505
53	100	HDR BIAS	993.73	994.68	0.9512
54	100	HDR BIAS	1009.2	1008.7	-0.4727
55	100	HDR BIAS	1006.3	1002.7	-3.621
56	100	HDR UNBIAS	1006.1	1007	0.9546
57	100	HDR UNBIAS	1002.6	1003.6	0.9875
58	100	HDR UNBIAS	1005.5	1004.8	-0.6575
59	100	HDR UNBIAS	1012.8	1010.1	-2.6641
60	100	HDR UNBIAS	1012.7	1009.3	-3.4018
71	0	CORRELATION	994.74	993.74	-0.9995
72	0	CORRELATION	1001.4	999.57	-1.7891
73	0	CORRELATION	1001.8	1001.2	-0.5708

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	994.74	999.3	1001.8	3.96	993.74	998.18	1001.2	3.9385	-1.7891	-1.1198	-0.5708	0.61799
3	995.51	1002.6	1009.9	4.7089	994.37	1001.5	1008.6	4.664	-1.8476	-1.0954	-0.1343	0.46905
10	990.68	999.71	1006.9	5.0284	990.25	998.4	1005.8	5.2982	-2.9175	-1.3044	-0.2533	0.8625
30	985.44	1001.2	1011.4	7.5645	983.62	1000.1	1009.8	7.6107	-2.7737	-1.1294	0.8643	0.98235
50	991.75	1000.8	1009.2	5.0656	989.25	999.71	1011.6	6.5611	-7.5069	-1.0719	2.3669	2.8001
100	993.73	1003.9	1012.8	7.2001	991.6	1002.7	1010.1	6.8136	-3.621	-1.1764	0.9875	1.8574

Device Test: 20.56 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/1MHz//@FREQ_SYNC_EXT





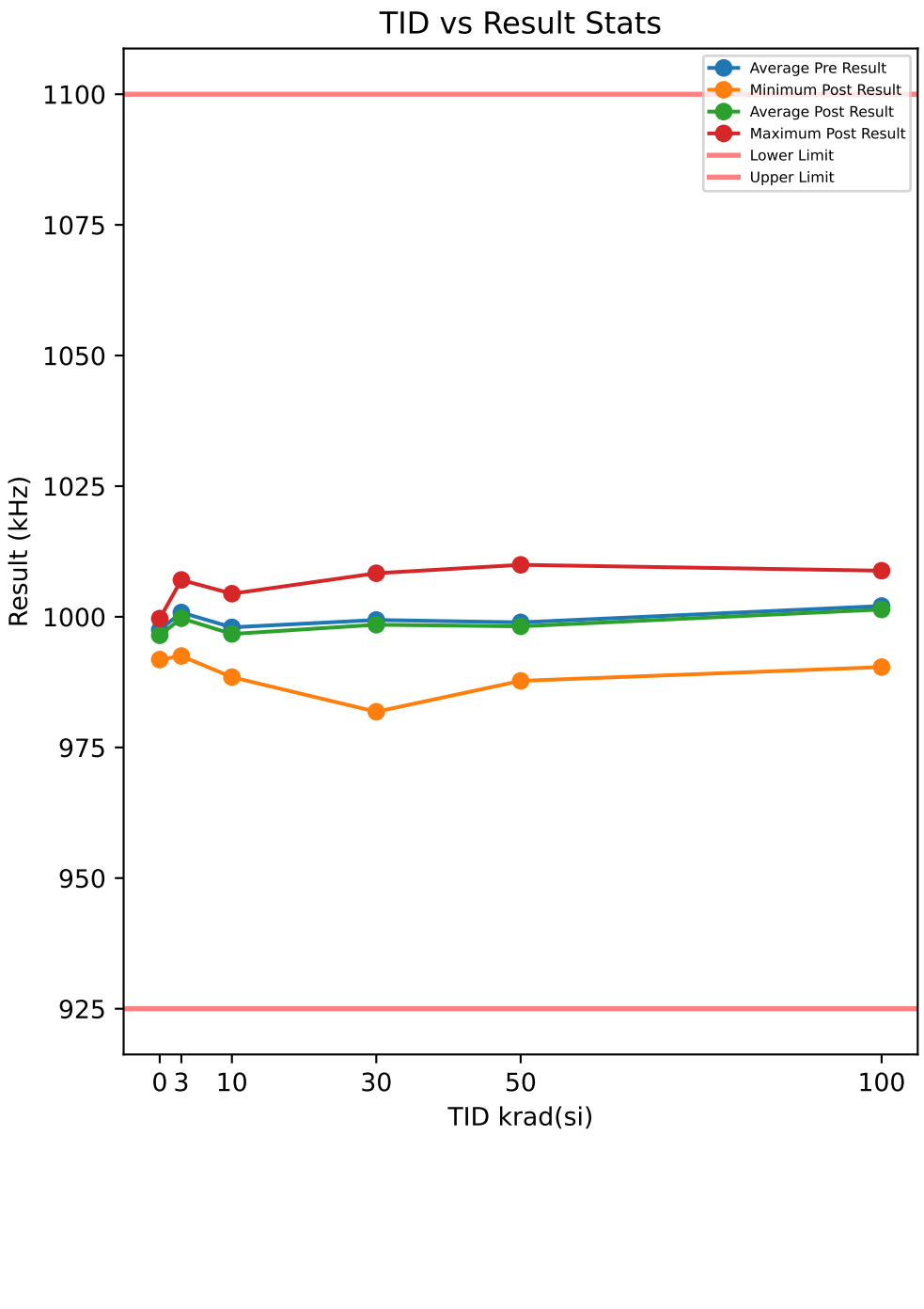
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

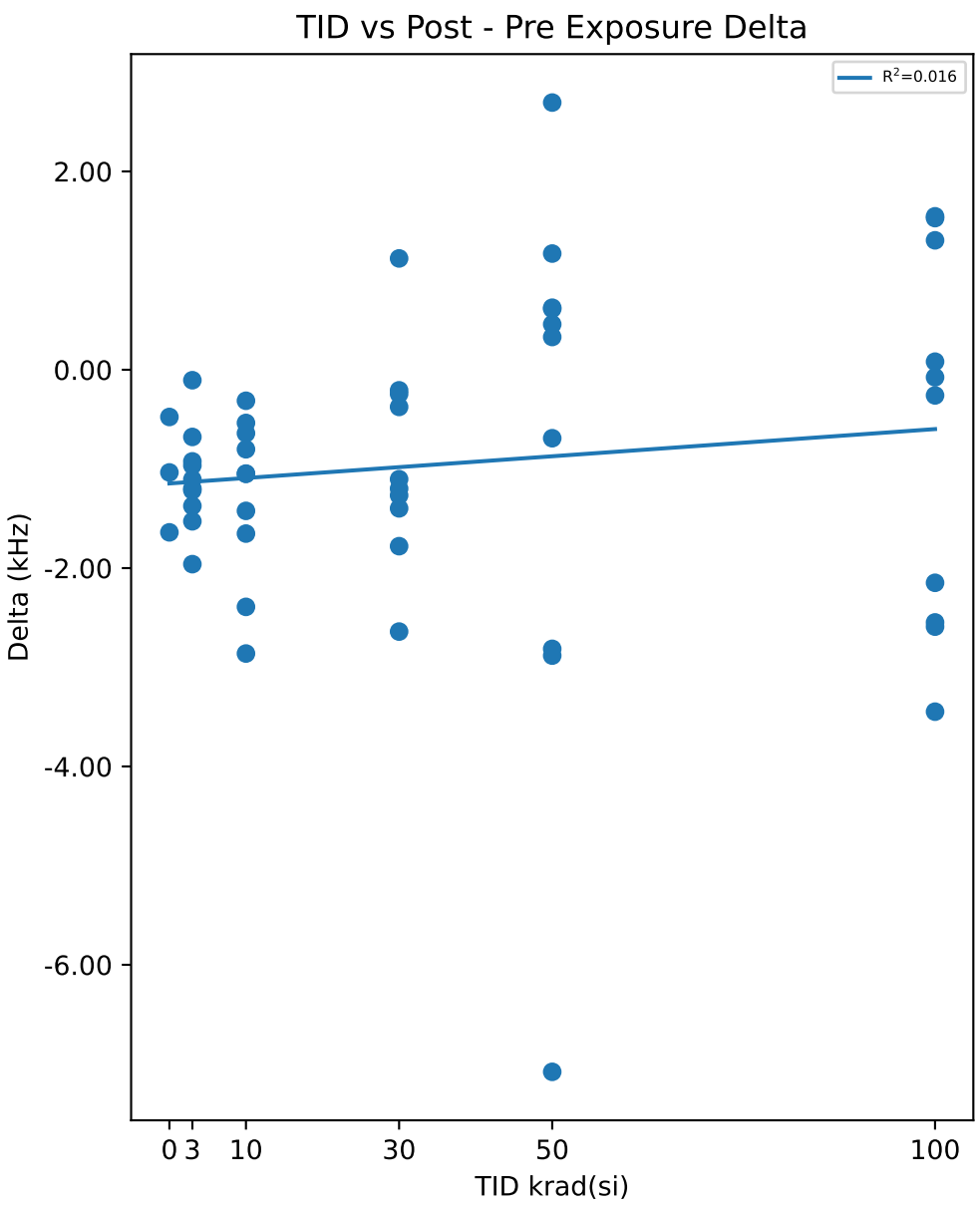
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000.2	999.23	-0.9737
2	3	HDR BIAS	1000	999.16	-0.863
3	3	HDR BIAS	1000.3	999.44	-0.8694
4	3	HDR BIAS	1000	999.23	-0.7971
5	3	HDR BIAS	1000.3	999.23	-1.0711
6	3	HDR UNBIAS	998.52	999.34	0.8205
7	3	HDR UNBIAS	1000.2	999.45	-0.7633
8	3	HDR UNBIAS	1000.1	996.17	-3.9298
9	3	HDR UNBIAS	1000.4	999.35	-1.0282
10	3	HDR UNBIAS	1000.2	999.44	-0.7355
11	10	HDR BIAS	1000.3	999.13	-1.1272
12	10	HDR BIAS	1000.3	999.33	-0.9188
13	10	HDR BIAS	1000.1	999.27	-0.8002
14	10	HDR BIAS	1000.3	999.23	-1.0708
15	10	HDR BIAS	1000.3	999.57	-0.77
16	10	HDR UNBIAS	1000	999.33	-0.6829
17	10	HDR UNBIAS	1000	999.24	-0.8049
18	10	HDR UNBIAS	1000.2	999.38	-0.8141
19	10	HDR UNBIAS	1000.2	999.4	-0.8283
20	10	HDR UNBIAS	1000.3	999.42	-0.8471
31	30	HDR BIAS	1000.2	999.44	-0.7763
32	30	HDR BIAS	1000.1	999.18	-0.9048
33	30	HDR BIAS	996.01	997.38	1.371
34	30	HDR BIAS	1000.3	999.26	-1.0059
35	30	HDR BIAS	996.19	999.13	2.9376
36	30	HDR UNBIAS	1000.5	999.51	-0.9438
37	30	HDR UNBIAS	1000.4	999.19	-1.1822
38	30	HDR UNBIAS	1000.3	999.4	-0.9036
39	30	HDR UNBIAS	1000.4	999.36	-1.0504
40	30	HDR UNBIAS	1000.1	999.21	-0.8812
41	50	HDR BIAS	1000.4	999.13	-1.2275
42	50	HDR BIAS	995.53	999.34	3.8101
43	50	HDR BIAS	1000.1	999.27	-0.8455
44	50	HDR BIAS	1000.3	999.11	-1.1955
45	50	HDR BIAS	1000.4	999.33	-1.0585
46	50	HDR UNBIAS	1000	999.44	-0.5893
47	50	HDR UNBIAS	1000.1	999.2	-0.8892
48	50	HDR UNBIAS	1000.4	999.36	-0.9975
49	50	HDR UNBIAS	999.9	999.48	-0.4172
50	50	HDR UNBIAS	1000.4	999.34	-1.0124
51	100	HDR BIAS	1000.3	999.3	-0.9469
52	100	HDR BIAS	1000.2	999.39	-0.7872
53	100	HDR BIAS	1000.1	999.31	-0.7687
54	100	HDR BIAS	1000.2	999.5	-0.7006
55	100	HDR BIAS	1000.1	999.21	-0.8474
56	100	HDR UNBIAS	996.17	999.34	3.1642
57	100	HDR UNBIAS	1000.5	999.34	-1.1459
58	100	HDR UNBIAS	1000.2	999.23	-0.9947
59	100	HDR UNBIAS	1000.1	999.31	-0.7661
60	100	HDR UNBIAS	1000.1	999.52	-0.6252
71	0	CORRELATION	1000.1	999.23	-0.8397
72	0	CORRELATION	1000.2	999.3	-0.8546
73	0	CORRELATION	1000.1	999.33	-0.723

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000.1	1000.1	1000.2	0.056092	999.23	999.29	999.33	0.04989	-0.8546	-0.80577	-0.723	0.072064
3	998.52	1000	1000.4	0.54185	996.17	999	999.45	1.0015	-3.9298	-1.0211	0.8205	1.1596
10	1000	1000.2	1000.3	0.11385	999.13	999.33	999.57	0.12197	-1.1272	-0.86643	-0.6829	0.13672
30	996.01	999.44	1000.5	1.765	997.38	999.11	999.51	0.61985	-1.1822	-0.33396	2.9376	1.3667
50	995.53	999.74	1000.4	1.4891	999.11	999.3	999.48	0.12202	-1.2275	-0.44225	3.8101	1.5153
100	996.17	999.79	1000.5	1.2754	999.21	999.35	999.52	0.10169	-1.1459	-0.44185	3.1642	1.2761

Device Test: 20.59 LEVEL|FREQ/RT/5/5/0/0/5/1MHz//@FSW_EXT_RT_D





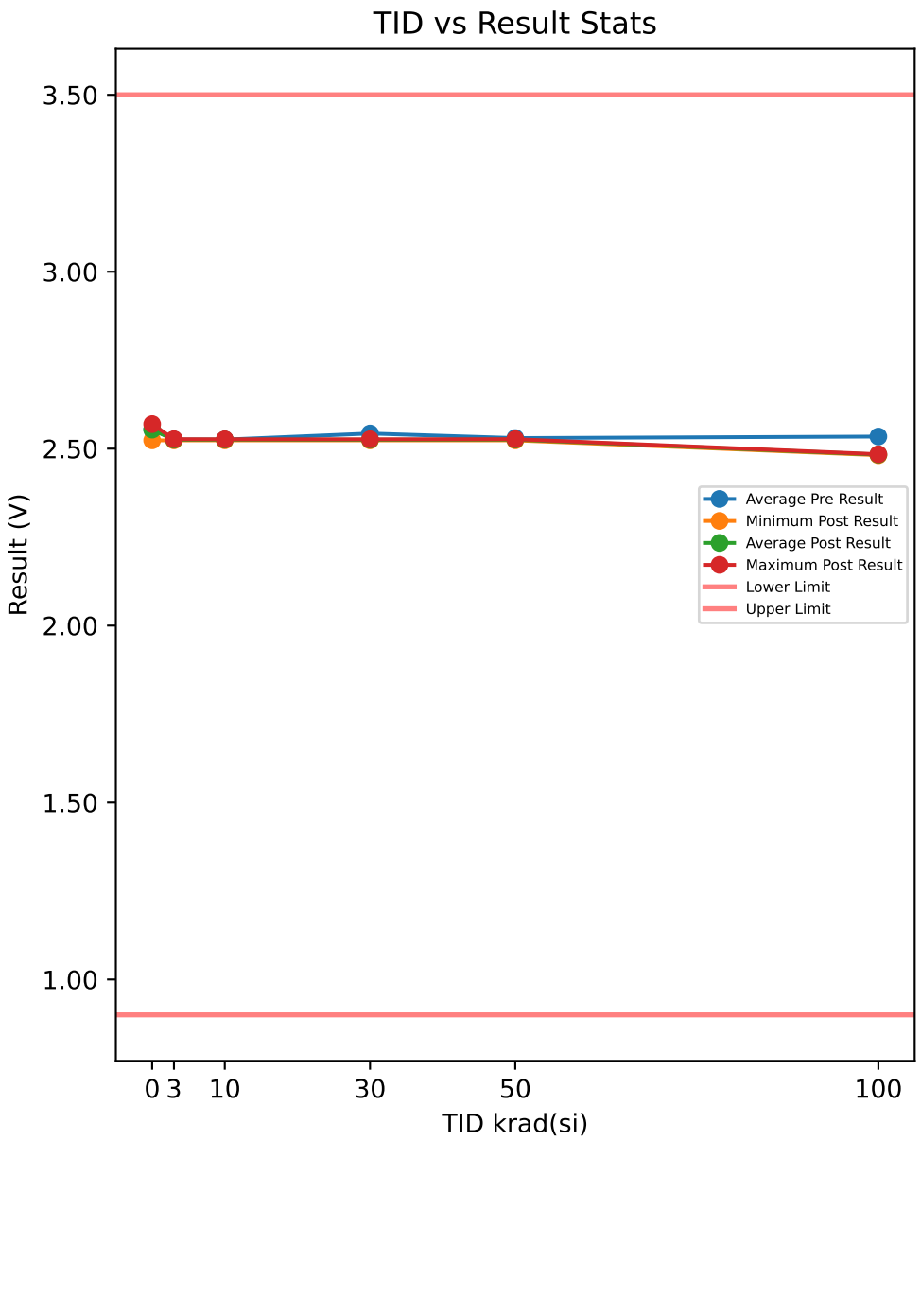
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

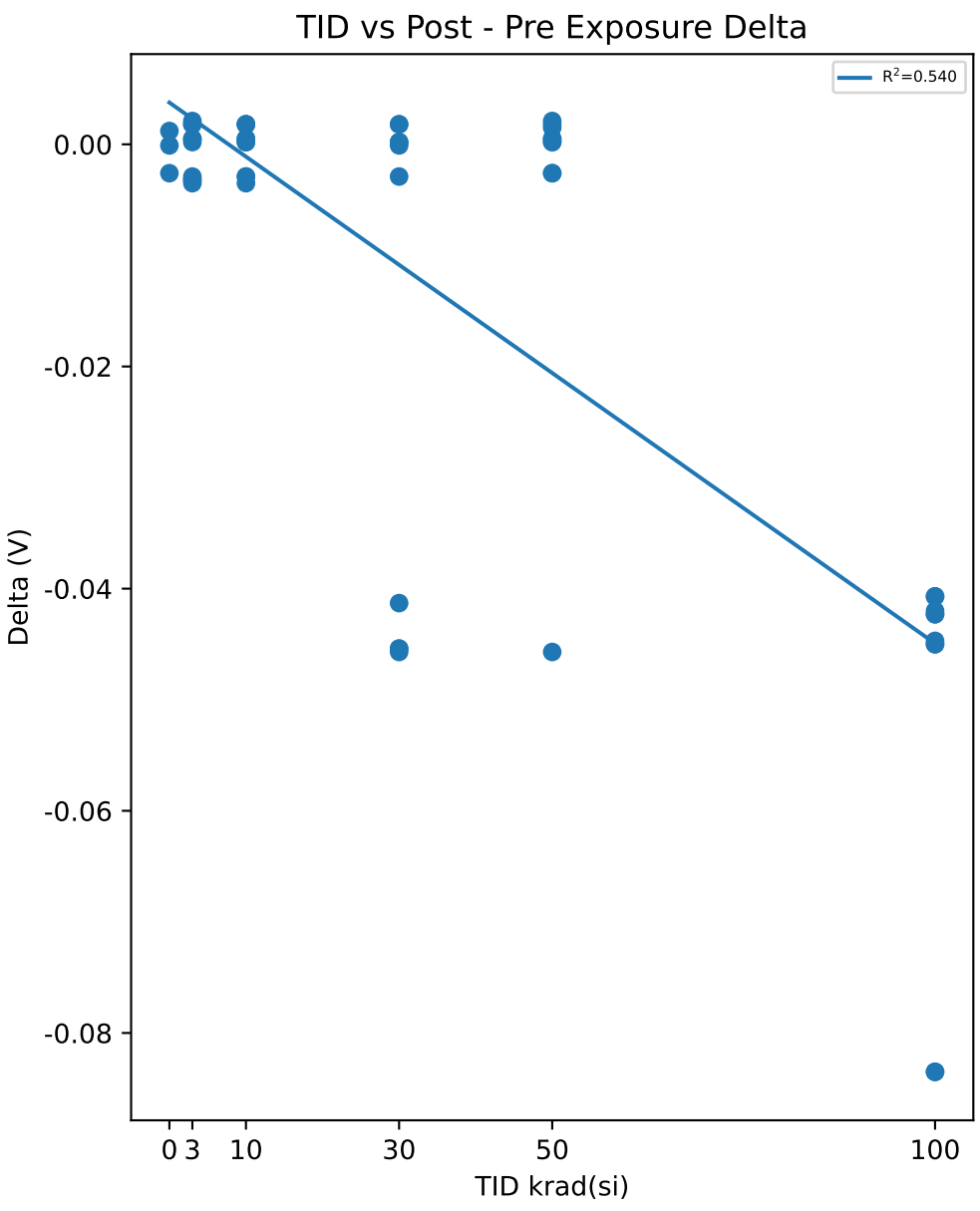
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	996.1	995.42	-0.6773
2	3	HDR BIAS	1008.3	1007.1	-1.1963
3	3	HDR BIAS	995.93	994.83	-1.1056
4	3	HDR BIAS	1002.8	1001.8	-0.9648
5	3	HDR BIAS	998.84	997.92	-0.9237
6	3	HDR UNBIAS	993.71	992.5	-1.2163
7	3	HDR UNBIAS	1007.1	1005.8	-1.3732
8	3	HDR UNBIAS	1002.4	1002.3	-0.1054
9	3	HDR UNBIAS	1000.8	999.24	-1.528
10	3	HDR UNBIAS	1002.4	1000.4	-1.9601
11	10	HDR BIAS	1001.7	1001.4	-0.3125
12	10	HDR BIAS	995.35	994.71	-0.6401
13	10	HDR BIAS	1002.9	1002.1	-0.8017
14	10	HDR BIAS	997.25	996.2	-1.0469
15	10	HDR BIAS	994.08	991.69	-2.3908
16	10	HDR UNBIAS	988.99	988.46	-0.5362
17	10	HDR UNBIAS	992.99	990.13	-2.8613
18	10	HDR UNBIAS	1001.3	999.83	-1.4229
19	10	HDR UNBIAS	1005.5	1004.4	-1.0498
20	10	HDR UNBIAS	999.87	998.22	-1.6519
31	30	HDR BIAS	994.01	995.13	1.1227
32	30	HDR BIAS	1008.2	1008	-0.2072
33	30	HDR BIAS	997.88	996.61	-1.2665
34	30	HDR BIAS	983.61	981.83	-1.7789
35	30	HDR BIAS	1003	1000.3	-2.6399
36	30	HDR UNBIAS	1004.7	1004.3	-0.3746
37	30	HDR UNBIAS	998.9	998.66	-0.2438
38	30	HDR UNBIAS	997.3	996.1	-1.1985
39	30	HDR UNBIAS	1009.7	1008.3	-1.3975
40	30	HDR UNBIAS	996.6	995.49	-1.1033
41	50	HDR BIAS	998.69	995.81	-2.8822
42	50	HDR BIAS	1000.6	997.81	-2.8141
43	50	HDR BIAS	989.92	990.53	0.6142
44	50	HDR BIAS	1002.4	1002.8	0.4587
45	50	HDR BIAS	993.1	993.43	0.3305
46	50	HDR UNBIAS	1000.3	1001	0.6257
47	50	HDR UNBIAS	1001.3	1000.6	-0.6903
48	50	HDR UNBIAS	994.82	987.74	-7.0793
49	50	HDR UNBIAS	1000.9	1002.1	1.1718
50	50	HDR UNBIAS	1007.2	1009.9	2.6943
51	100	HDR BIAS	992.92	990.38	-2.5476
52	100	HDR BIAS	993.09	992.83	-0.2586
53	100	HDR BIAS	992.05	993.35	1.3052
54	100	HDR BIAS	1007.4	1007.5	0.0816
55	100	HDR BIAS	1004.8	1001.4	-3.4476
56	100	HDR UNBIAS	1004.2	1005.8	1.5472
57	100	HDR UNBIAS	1000.8	1002.3	1.5292
58	100	HDR UNBIAS	1003.7	1003.6	-0.0758
59	100	HDR UNBIAS	1011	1008.8	-2.1481
60	100	HDR UNBIAS	1010.6	1008	-2.5901
71	0	CORRELATION	992.84	991.81	-1.0353
72	0	CORRELATION	999.55	997.91	-1.6394
73	0	CORRELATION	1000.1	999.67	-0.4759

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	992.84	997.51	1000.1	4.0546	991.81	996.46	999.67	4.1259	-1.6394	-1.0502	-0.4759	0.58189
3	993.71	1000.8	1008.3	4.7633	992.5	999.72	1007.1	4.7094	-1.9601	-1.1051	-0.1054	0.4986
10	988.99	997.99	1005.5	5.1314	988.46	996.72	1004.4	5.4107	-2.8613	-1.2714	-0.3125	0.82511
30	983.61	999.39	1009.7	7.5942	981.83	998.49	1008.3	7.6926	-2.6399	-0.90875	1.1227	1.0322
50	989.92	998.93	1007.2	5.0282	987.74	998.18	1009.9	6.5374	-7.0793	-0.75707	2.6943	2.8049
100	992.05	1002.1	1011	7.1663	990.38	1001.4	1008.8	6.8369	-3.4476	-0.66046	1.5472	1.8813

Device Test: 20.6 LEVEL|HIGH_LEVEL/SYNC/5/5/0/0/4.5/500kHz//@SYNC_VIH_TH_HIGH_4P5





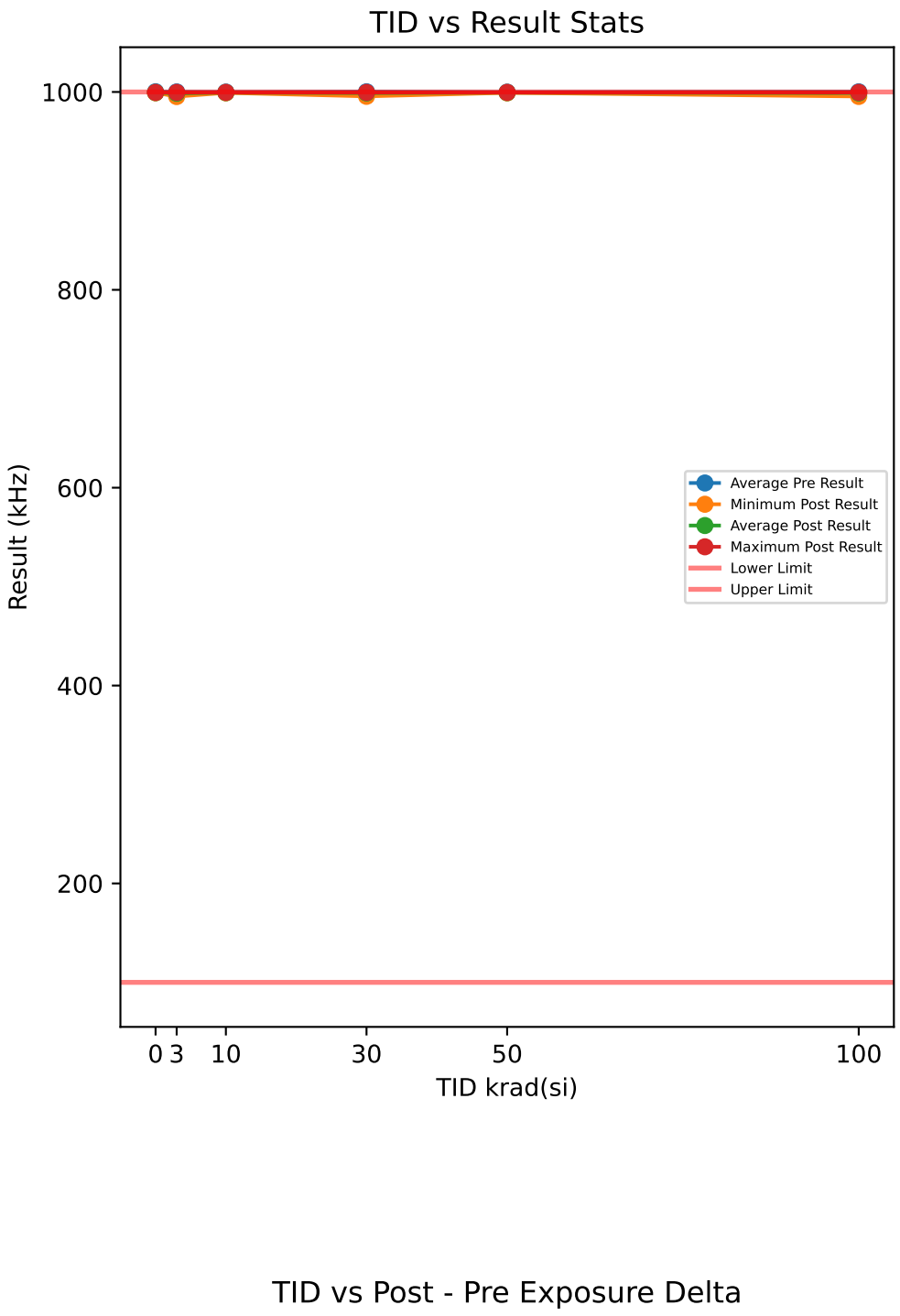
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

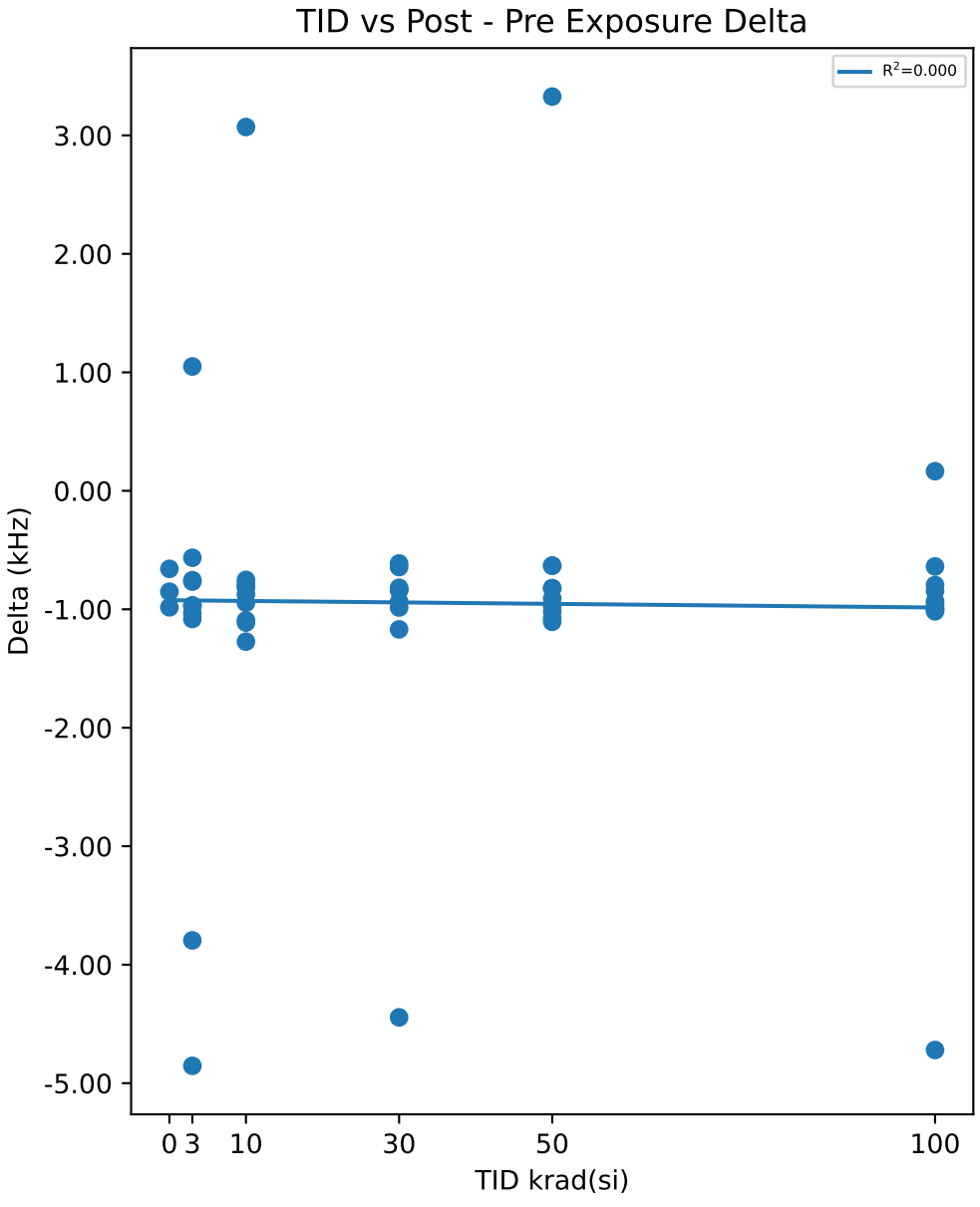
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.5266	2.5234	-0.0032
2	3	HDR BIAS	2.5254	2.5259	0.0005
3	3	HDR BIAS	2.5247	2.5268	0.0021
4	3	HDR BIAS	2.5263	2.5234	-0.0029
5	3	HDR BIAS	2.5257	2.5262	0.0005
6	3	HDR UNBIAS	2.5247	2.5265	0.0018
7	3	HDR UNBIAS	2.5266	2.5234	-0.0032
8	3	HDR UNBIAS	2.5257	2.5259	0.0002
9	3	HDR UNBIAS	2.5247	2.5265	0.0018
10	3	HDR UNBIAS	2.5269	2.5234	-0.0035
11	10	HDR BIAS	2.5257	2.5262	0.0005
12	10	HDR BIAS	2.5247	2.5265	0.0018
13	10	HDR BIAS	2.5269	2.5234	-0.0035
14	10	HDR BIAS	2.5257	2.5259	0.0002
15	10	HDR BIAS	2.5247	2.5265	0.0018
16	10	HDR UNBIAS	2.5263	2.5234	-0.0029
17	10	HDR UNBIAS	2.5257	2.5262	0.0005
18	10	HDR UNBIAS	2.5247	2.5265	0.0018
19	10	HDR UNBIAS	2.5263	2.5234	-0.0029
20	10	HDR UNBIAS	2.5257	2.5259	0.0002
31	30	HDR BIAS	2.5688	2.5234	-0.0454
32	30	HDR BIAS	2.526	2.5262	0.0002
33	30	HDR BIAS	2.5678	2.5265	-0.0413
34	30	HDR BIAS	2.5694	2.5237	-0.0457
35	30	HDR BIAS	2.5257	2.5259	0.0002
36	30	HDR UNBIAS	2.5247	2.5265	0.0018
37	30	HDR UNBIAS	2.5691	2.5237	-0.0454
38	30	HDR UNBIAS	2.526	2.5259	-0.0001
39	30	HDR UNBIAS	2.5247	2.5265	0.0018
40	30	HDR UNBIAS	2.5263	2.5234	-0.0029
41	50	HDR BIAS	2.5257	2.5262	0.0005
42	50	HDR BIAS	2.5247	2.5265	0.0018
43	50	HDR BIAS	2.5691	2.5234	-0.0457
44	50	HDR BIAS	2.5257	2.5262	0.0005
45	50	HDR BIAS	2.525	2.5265	0.0015
46	50	HDR UNBIAS	2.5263	2.5237	-0.0026
47	50	HDR UNBIAS	2.526	2.5262	0.0002
48	50	HDR UNBIAS	2.5247	2.5268	0.0021
49	50	HDR UNBIAS	2.5263	2.5237	-0.0026
50	50	HDR UNBIAS	2.5257	2.5259	0.0002
51	100	HDR BIAS	2.5678	2.4843	-0.0835
52	100	HDR BIAS	2.5266	2.4816	-0.045
53	100	HDR BIAS	2.526	2.4837	-0.0423
54	100	HDR BIAS	2.5247	2.484	-0.0407
55	100	HDR BIAS	2.5266	2.4816	-0.045
56	100	HDR UNBIAS	2.526	2.4837	-0.0423
57	100	HDR UNBIAS	2.525	2.4843	-0.0407
58	100	HDR UNBIAS	2.5263	2.4816	-0.0447
59	100	HDR UNBIAS	2.5257	2.4837	-0.042
60	100	HDR UNBIAS	2.5675	2.484	-0.0835
71	0	CORRELATION	2.526	2.5234	-0.0026
72	0	CORRELATION	2.5675	2.5687	0.0012
73	0	CORRELATION	2.5694	2.5693	-0.0001

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	2.526	2.5543	2.5694	0.024527	2.5234	2.5538	2.5693	0.026329	-0.0026	-0.0005	0.0012	0.0019313
3	2.5247	2.5257	2.5269	0.0008499	2.5234	2.5251	2.5268	0.0015218	-0.0035	-0.00059	0.0021	0.0023355
10	2.5247	2.5256	2.5269	0.00075454	2.5234	2.5254	2.5265	0.0013908	-0.0035	-0.00025	0.0018	0.0020748
30	2.5247	2.5429	2.5694	0.022322	2.5234	2.5252	2.5265	0.001415	-0.0457	-0.01768	0.0018	0.023108
50	2.5247	2.5299	2.5691	0.013779	2.5234	2.5255	2.5268	0.001342	-0.0457	-0.00441	0.0021	0.014598
100	2.5247	2.5342	2.5678	0.01763	2.4816	2.4832	2.4843	0.0011597	-0.0835	-0.05097	-0.0407	0.01722

Device Test: 20.60 LEVEL|FREQ/SYNC/5/5/0/0/5/1MHz//@FREQ_SYNC_EXT





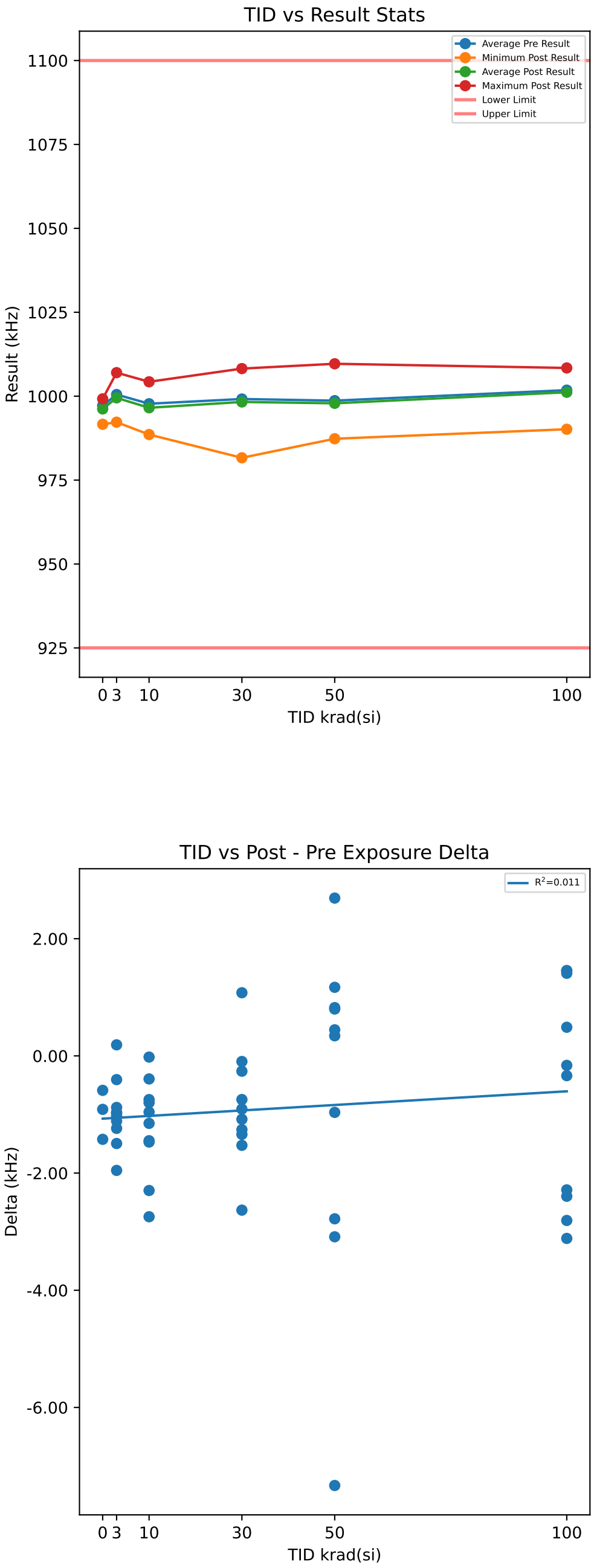
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000	999.45	-0.5651
2	3	HDR BIAS	1000.3	999.22	-1.0818
3	3	HDR BIAS	1000.4	996.63	-3.7948
4	3	HDR BIAS	998.15	999.2	1.0495
5	3	HDR BIAS	1000.1	999.16	-0.9733
6	3	HDR UNBIAS	1000.4	999.38	-1.0339
7	3	HDR UNBIAS	1000.2	999.45	-0.7546
8	3	HDR UNBIAS	1000.2	999.27	-0.9662
9	3	HDR UNBIAS	1000.3	999.53	-0.7665
10	3	HDR UNBIAS	1000.2	995.36	-4.8539
11	10	HDR BIAS	1000.3	999.19	-1.1123
12	10	HDR BIAS	1000.4	999.55	-0.8147
13	10	HDR BIAS	1000.1	999.24	-0.8078
14	10	HDR BIAS	996.32	999.39	3.0705
15	10	HDR BIAS	1000.4	999.41	-0.9451
16	10	HDR UNBIAS	1000.2	999.45	-0.752
17	10	HDR UNBIAS	1000.3	999.16	-1.0934
18	10	HDR UNBIAS	1000.4	999.51	-0.8734
19	10	HDR UNBIAS	1000.3	999.49	-0.7759
20	10	HDR UNBIAS	1000.4	999.09	-1.273
31	30	HDR BIAS	1000	995.6	-4.4447
32	30	HDR BIAS	1000.2	999.18	-0.9849
33	30	HDR BIAS	1000.1	999.5	-0.6134
34	30	HDR BIAS	1000.1	999.43	-0.6438
35	30	HDR BIAS	1000.1	999.28	-0.8345
36	30	HDR UNBIAS	1000.3	999.52	-0.8185
37	30	HDR UNBIAS	1000.1	999.21	-0.9364
38	30	HDR UNBIAS	1000.3	999.11	-1.1695
39	30	HDR UNBIAS	1000.4	999.52	-0.8379
40	30	HDR UNBIAS	1000.2	999.39	-0.8355
41	50	HDR BIAS	1000.1	999.1	-1.02
42	50	HDR BIAS	996.17	999.5	3.3275
43	50	HDR BIAS	1000.3	999.31	-0.9735
44	50	HDR BIAS	1000.3	999.19	-1.1061
45	50	HDR BIAS	1000.4	999.55	-0.8226
46	50	HDR UNBIAS	1000.1	999.43	-0.6305
47	50	HDR UNBIAS	1000.3	999.2	-1.0763
48	50	HDR UNBIAS	1000.2	999.55	-0.6334
49	50	HDR UNBIAS	1000.1	999.25	-0.8217
50	50	HDR UNBIAS	1000.3	999.37	-0.9076
51	100	HDR BIAS	1000.3	999.36	-0.9592
52	100	HDR BIAS	999.09	999.26	0.1652
53	100	HDR BIAS	1000.3	999.39	-0.9324
54	100	HDR BIAS	1000.2	995.47	-4.7198
55	100	HDR BIAS	1000.2	999.23	-0.9966
56	100	HDR UNBIAS	1000.1	999.15	-0.9968
57	100	HDR UNBIAS	1000.2	999.55	-0.6383
58	100	HDR UNBIAS	1000.2	999.38	-0.7954
59	100	HDR UNBIAS	1000.3	999.29	-1.0174
60	100	HDR UNBIAS	1000.4	999.55	-0.8465
71	0	CORRELATION	1000.1	999.43	-0.6587
72	0	CORRELATION	1000.2	999.18	-0.9834
73	0	CORRELATION	1000.4	999.51	-0.8516

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000.1	1000.2	1000.4	0.14362	999.18	999.37	999.51	0.17621	-0.9834	-0.83123	-0.6587	0.16331
3	998.15	1000	1000.4	0.67437	995.36	998.67	999.53	1.4445	-4.8539	-1.3741	1.0495	1.6924
10	996.32	999.89	1000.4	1.2561	999.09	999.35	999.55	0.16238	-1.273	-0.53771	3.0705	1.2793
30	1000	1000.2	1000.4	0.11028	995.6	998.97	999.52	1.1955	-4.4447	-1.2119	-0.6134	1.147
50	996.17	999.81	1000.4	1.283	999.1	999.34	999.55	0.16122	-1.1061	-0.46642	3.3275	1.3433
100	999.09	1000.1	1000.4	0.37642	995.47	998.96	999.55	1.2328	-4.7198	-1.1737	0.1652	1.2951

Device Test: 20.63 LEVEL|FREQ/RT/12/12/0/0/5/1MHz//@FSW_EXT_RT_D



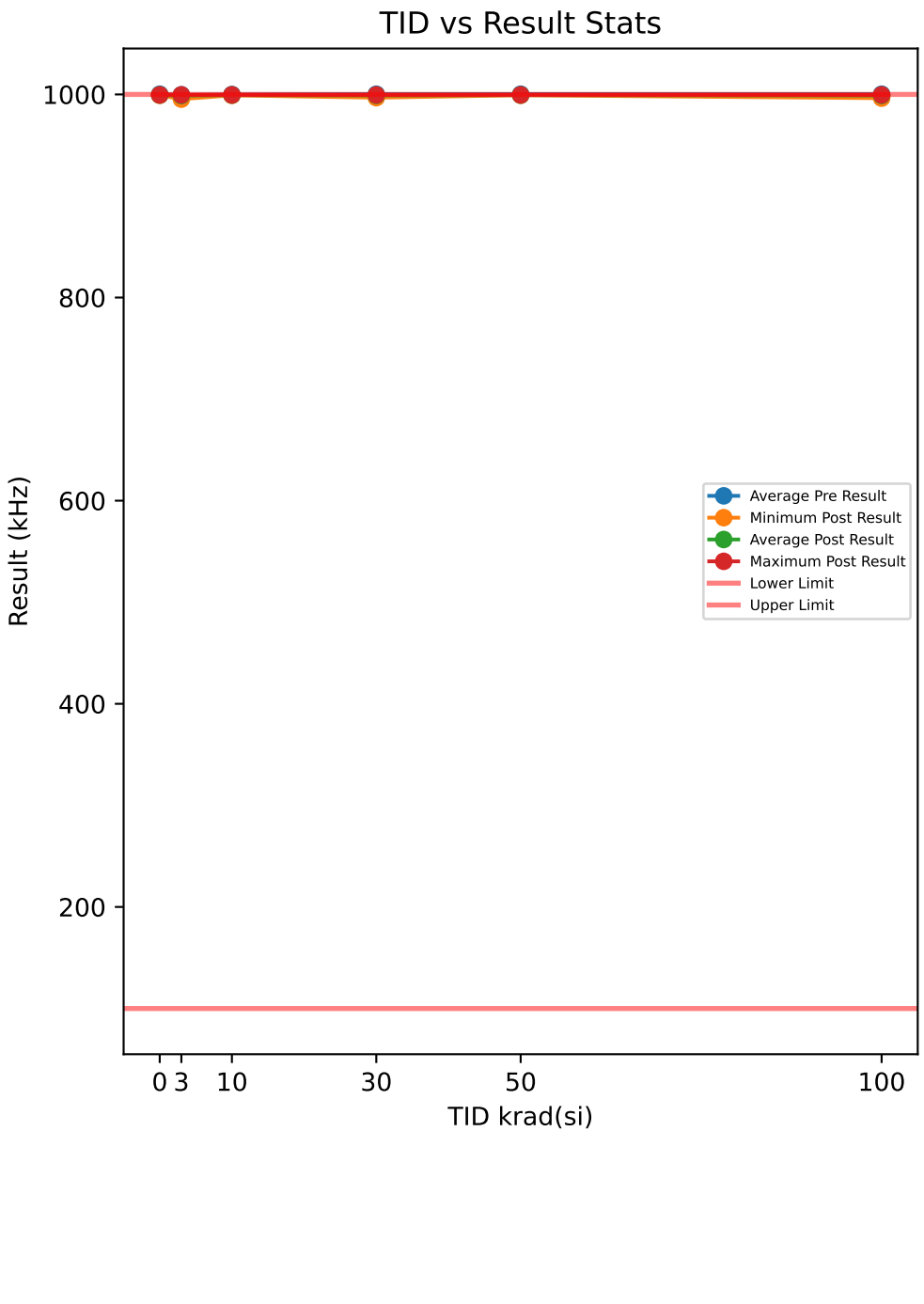
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

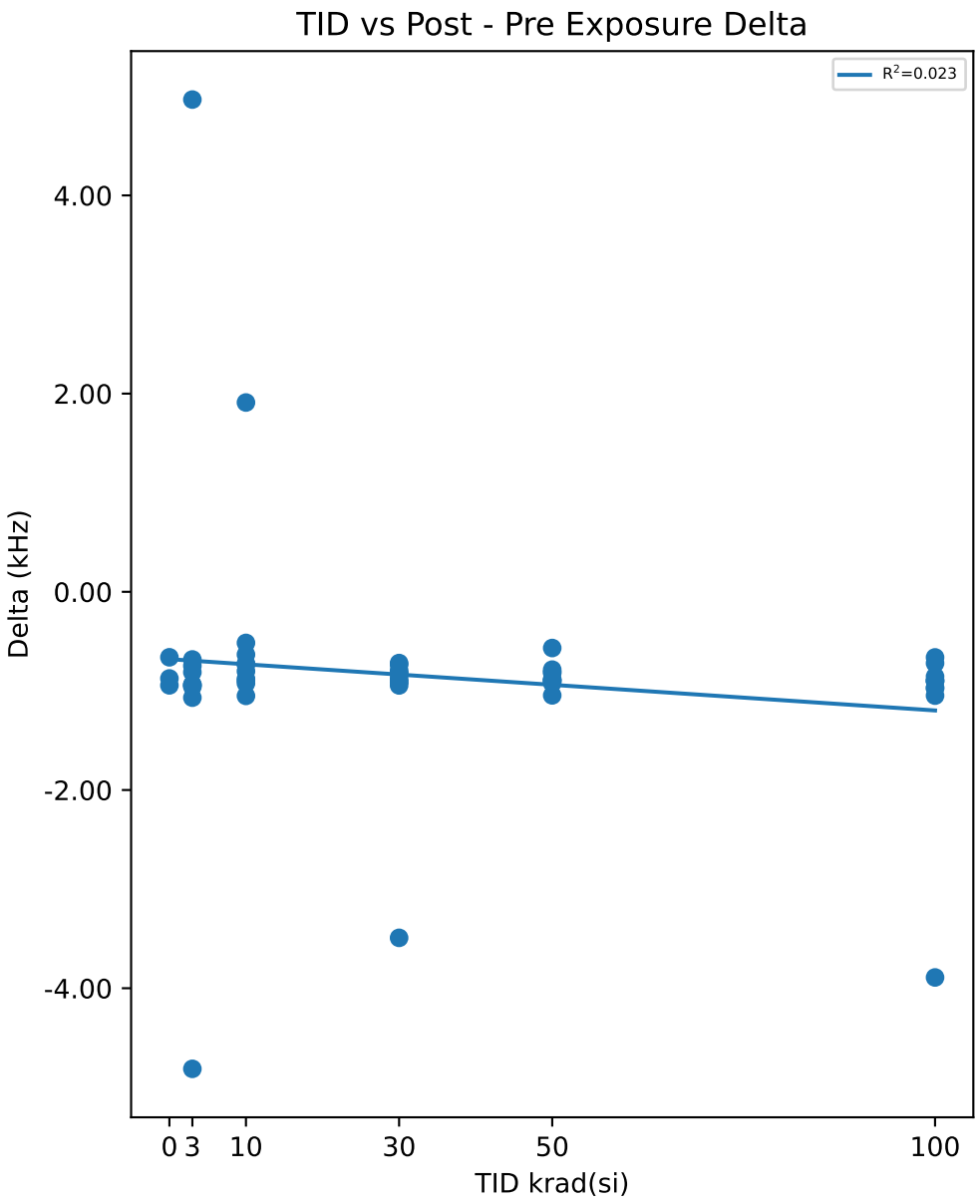
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	995.66	995.26	-0.4047
2	3	HDR BIAS	1008	1007	-0.9639
3	3	HDR BIAS	995.43	994.32	-1.1121
4	3	HDR BIAS	1002.3	1001.4	-0.8798
5	3	HDR BIAS	998.78	997.8	-0.9801
6	3	HDR UNBIAS	993.49	992.25	-1.2367
7	3	HDR UNBIAS	1006.8	1005.7	-1.0239
8	3	HDR UNBIAS	1001.9	1002.1	0.1887
9	3	HDR UNBIAS	1000.5	999.01	-1.4953
10	3	HDR UNBIAS	1002	1000.1	-1.9544
11	10	HDR BIAS	1001.5	1001.1	-0.3933
12	10	HDR BIAS	995.3	994.5	-0.7983
13	10	HDR BIAS	1002.8	1001.6	-1.1517
14	10	HDR BIAS	996.85	996.11	-0.7456
15	10	HDR BIAS	993.74	991.44	-2.2974
16	10	HDR UNBIAS	988.59	988.57	-0.0202
17	10	HDR UNBIAS	992.65	989.9	-2.7453
18	10	HDR UNBIAS	1001.1	999.67	-1.4703
19	10	HDR UNBIAS	1005.2	1004.3	-0.9586
20	10	HDR UNBIAS	999.67	998.22	-1.4475
31	30	HDR BIAS	993.65	994.73	1.078
32	30	HDR BIAS	1008	1007.7	-0.2615
33	30	HDR BIAS	997.48	996.4	-1.0812
34	30	HDR BIAS	983.17	981.64	-1.5262
35	30	HDR BIAS	1002.7	1000.1	-2.6327
36	30	HDR UNBIAS	1004.7	1003.9	-0.745
37	30	HDR UNBIAS	998.59	998.49	-0.0957
38	30	HDR UNBIAS	997.37	996.03	-1.3389
39	30	HDR UNBIAS	1009.5	1008.2	-1.2585
40	30	HDR UNBIAS	996.49	995.59	-0.9076
41	50	HDR BIAS	998.68	995.59	-3.0874
42	50	HDR BIAS	1000.4	997.64	-2.7804
43	50	HDR BIAS	989.55	990.37	0.824
44	50	HDR BIAS	1002.1	1002.6	0.4451
45	50	HDR BIAS	992.67	993.02	0.3429
46	50	HDR UNBIAS	999.92	1000.7	0.8001
47	50	HDR UNBIAS	1001.1	1000.1	-0.9643
48	50	HDR UNBIAS	994.65	987.32	-7.3321
49	50	HDR UNBIAS	1000.6	1001.7	1.1705
50	50	HDR UNBIAS	1007	1009.7	2.6931
51	100	HDR BIAS	992.55	990.15	-2.3957
52	100	HDR BIAS	992.66	992.33	-0.3374
53	100	HDR BIAS	991.92	993.38	1.4564
54	100	HDR BIAS	1007	1007.5	0.4889
55	100	HDR BIAS	1004.2	1001.1	-3.1151
56	100	HDR UNBIAS	1004.1	1005.6	1.4097
57	100	HDR UNBIAS	1000.7	1002.2	1.4541
58	100	HDR UNBIAS	1003.5	1003.4	-0.1618
59	100	HDR UNBIAS	1010.7	1008.4	-2.2867
60	100	HDR UNBIAS	1010.6	1007.8	-2.8087
71	0	CORRELATION	992.54	991.63	-0.9127
72	0	CORRELATION	999.19	997.77	-1.424
73	0	CORRELATION	999.79	999.2	-0.588

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	992.54	997.17	999.79	4.0208	991.63	996.2	999.2	4.0201	-1.424	-0.9749	-0.588	0.42146
3	993.49	1000.5	1008	4.7612	992.25	999.5	1007	4.7933	-1.9544	-0.98622	0.1887	0.57802
10	988.59	997.75	1005.2	5.2026	988.57	996.55	1004.3	5.3479	-2.7453	-1.2028	-0.0202	0.82983
30	983.17	999.16	1009.5	7.6493	981.64	998.28	1008.2	7.6613	-2.6327	-0.87693	1.078	0.98512
50	989.55	998.67	1007	5.0579	987.32	997.88	1009.7	6.5462	-7.3321	-0.78885	2.6931	2.9057
100	991.92	1001.8	1010.7	7.1906	990.15	1001.2	1008.4	6.8414	-3.1151	-0.62963	1.4564	1.8619

Device Test: 20.64 LEVEL|FREQ/SYNC/12/12/0/0/5/1MHz//@FREQ_SYNC_EXT





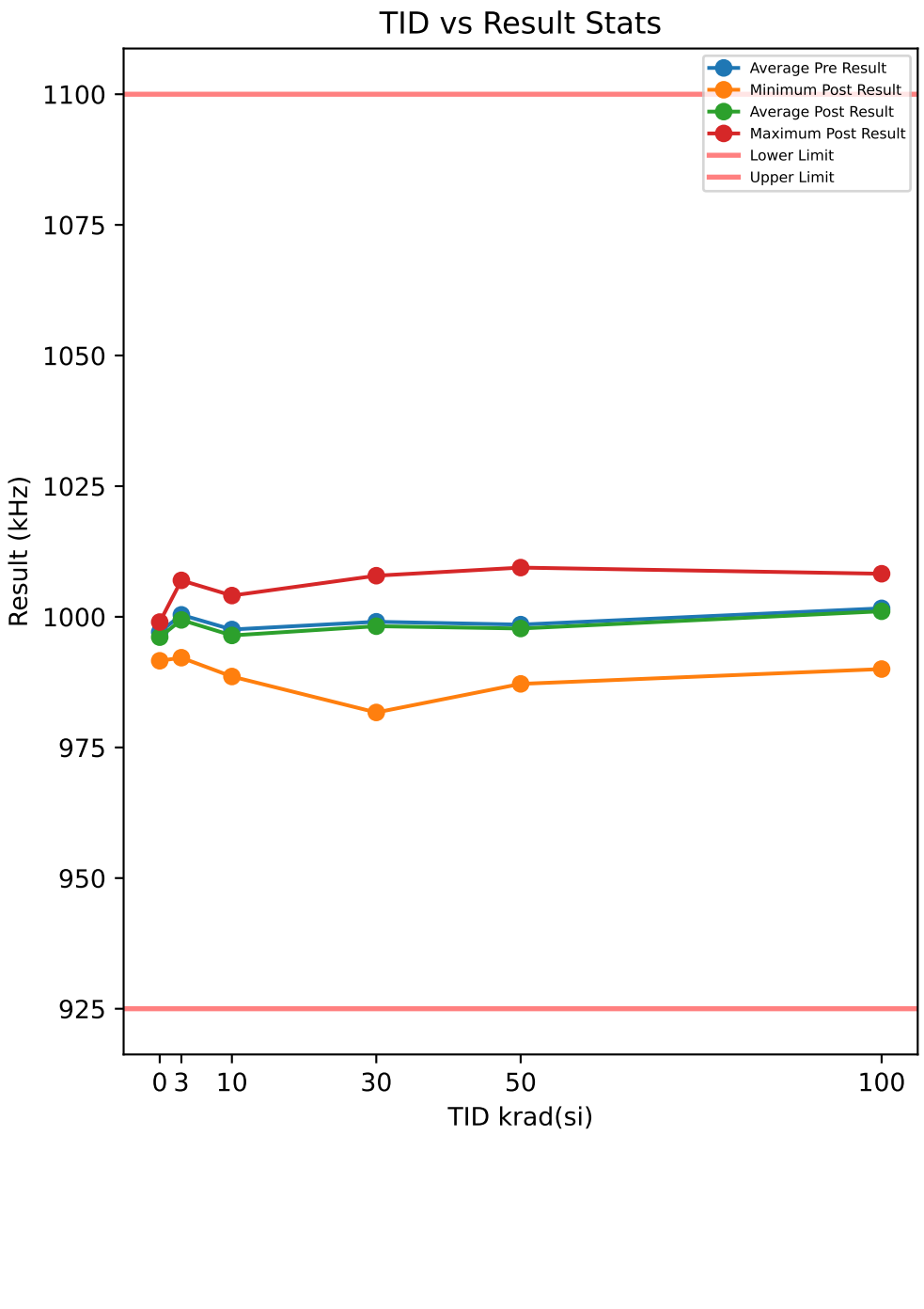
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

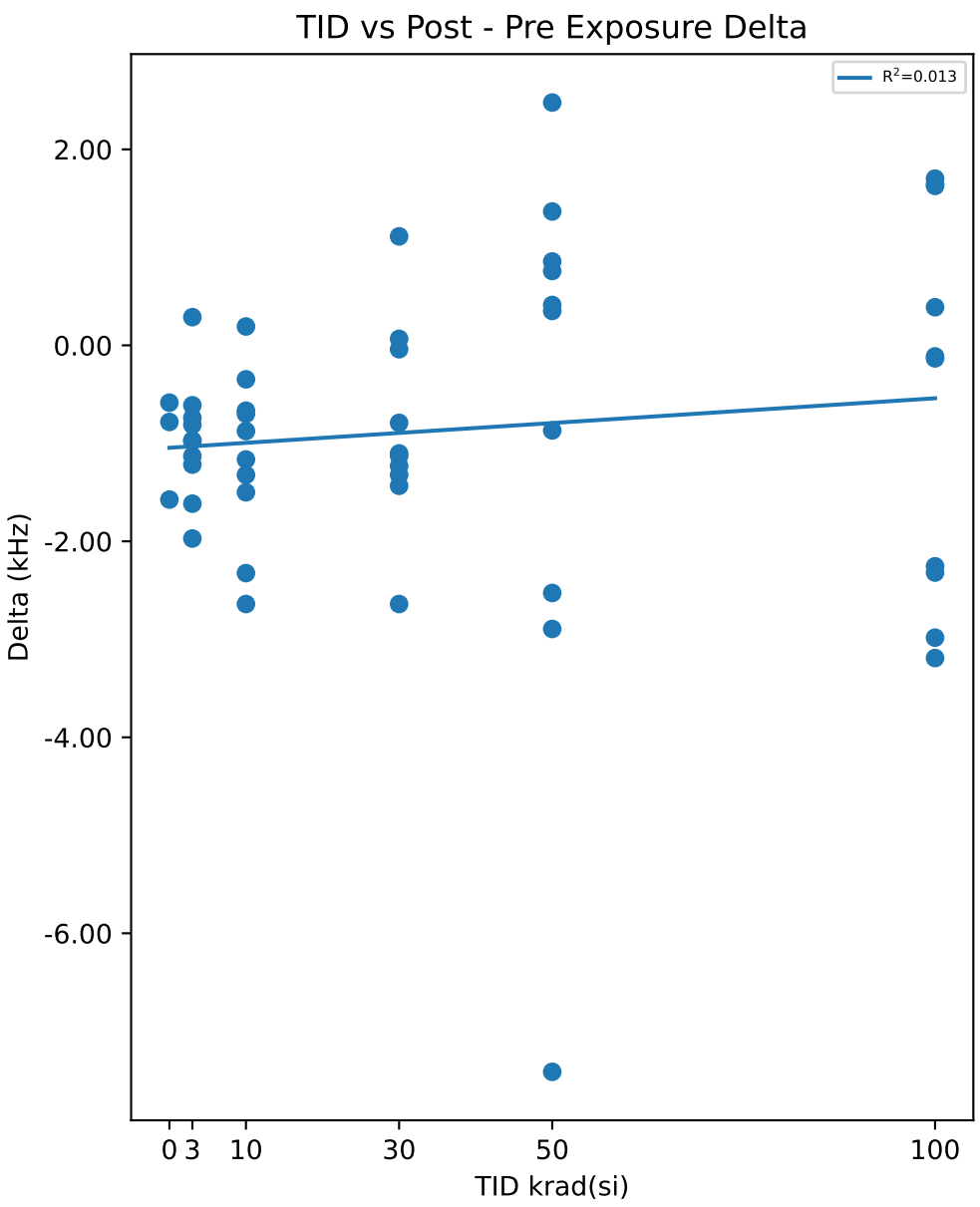
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000.1	999.39	-0.6825
2	3	HDR BIAS	1000.3	999.36	-0.9399
3	3	HDR BIAS	1000.3	999.51	-0.8116
4	3	HDR BIAS	1000.2	999.24	-0.9351
5	3	HDR BIAS	1000.1	999.19	-0.9582
6	3	HDR UNBIAS	994.55	999.52	4.967
7	3	HDR UNBIAS	1000.1	999.39	-0.7467
8	3	HDR UNBIAS	1000.3	999.2	-1.068
9	3	HDR UNBIAS	1000.2	995.35	-4.8135
10	3	HDR UNBIAS	1000.2	999.25	-0.9441
11	10	HDR BIAS	1000.1	999.36	-0.7358
12	10	HDR BIAS	1000.2	999.34	-0.8777
13	10	HDR BIAS	1000.2	999.37	-0.8013
14	10	HDR BIAS	997.22	999.13	1.9102
15	10	HDR BIAS	1000.3	999.34	-0.9231
16	10	HDR UNBIAS	1000.1	999.43	-0.6328
17	10	HDR UNBIAS	1000.1	999.56	-0.5156
18	10	HDR UNBIAS	1000.2	999.35	-0.8969
19	10	HDR UNBIAS	1000.2	999.46	-0.7225
20	10	HDR UNBIAS	1000.4	999.34	-1.0501
31	30	HDR BIAS	1000.2	999.46	-0.7933
32	30	HDR BIAS	1000.1	999.19	-0.9447
33	30	HDR BIAS	1000.4	999.49	-0.8742
34	30	HDR BIAS	1000.2	999.32	-0.909
35	30	HDR BIAS	1000.1	999.19	-0.9094
36	30	HDR UNBIAS	1000.2	999.46	-0.7188
37	30	HDR UNBIAS	1000.1	999.24	-0.8293
38	30	HDR UNBIAS	1000.3	996.81	-3.4916
39	30	HDR UNBIAS	1000.2	999.49	-0.7349
40	30	HDR UNBIAS	1000.2	999.38	-0.8179
41	50	HDR BIAS	1000.3	999.35	-0.9219
42	50	HDR BIAS	1000.2	999.39	-0.8082
43	50	HDR BIAS	1000.3	999.37	-0.8954
44	50	HDR BIAS	1000.3	999.23	-1.0449
45	50	HDR BIAS	1000.4	999.51	-0.8937
46	50	HDR UNBIAS	1000.2	999.36	-0.8183
47	50	HDR UNBIAS	1000.2	999.28	-0.8811
48	50	HDR UNBIAS	1000.2	999.33	-0.8954
49	50	HDR UNBIAS	1000	999.44	-0.5671
50	50	HDR UNBIAS	1000.1	999.32	-0.7853
51	100	HDR BIAS	1000.2	999.34	-0.855
52	100	HDR BIAS	1000	999.37	-0.6619
53	100	HDR BIAS	1000.3	999.23	-1.0475
54	100	HDR BIAS	1000.2	999.33	-0.8988
55	100	HDR BIAS	1000.2	999.22	-0.9725
56	100	HDR UNBIAS	1000.2	999.27	-0.9688
57	100	HDR UNBIAS	1000.2	999.47	-0.7203
58	100	HDR UNBIAS	1000.2	996.32	-3.8913
59	100	HDR UNBIAS	1000.1	999.22	-0.8965
60	100	HDR UNBIAS	1000.4	999.51	-0.8992
71	0	CORRELATION	1000.2	999.24	-0.9439
72	0	CORRELATION	1000.3	999.4	-0.8743
73	0	CORRELATION	1000.2	999.52	-0.6606

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000.2	1000.2	1000.3	0.052865	999.24	999.38	999.52	0.13945	-0.9439	-0.82627	-0.6606	0.14763
3	994.55	999.63	1000.3	1.7866	995.35	998.94	999.52	1.2662	-4.8135	-0.69326	4.967	2.3434
10	997.22	999.89	1000.4	0.94488	999.13	999.37	999.56	0.1097	-1.0501	-0.52456	1.9102	0.86914
30	1000.1	1000.2	1000.4	0.088834	996.81	999.1	999.49	0.81493	-3.4916	-1.1023	-0.7188	0.84282
50	1000	1000.2	1000.4	0.10816	999.23	999.36	999.51	0.077344	-1.0449	-0.85113	-0.5671	0.12343
100	1000	1000.2	1000.4	0.097619	996.32	999.03	999.51	0.9566	-3.8913	-1.1812	-0.6619	0.95917

Device Test: 20.67 LEVEL|FREQ/RT/14/14/0/0/5/1MHz//@FSW_EXT_RT_D





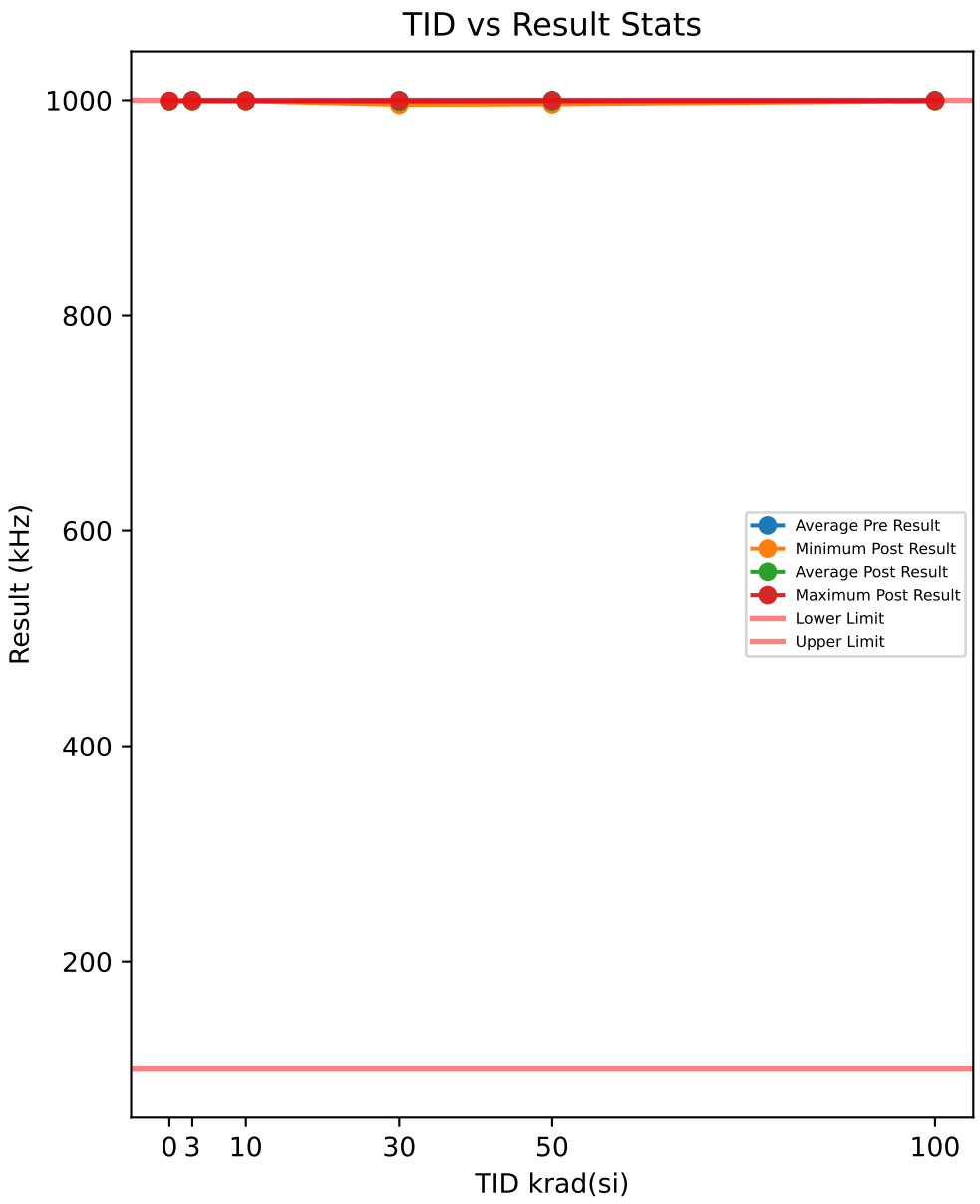
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

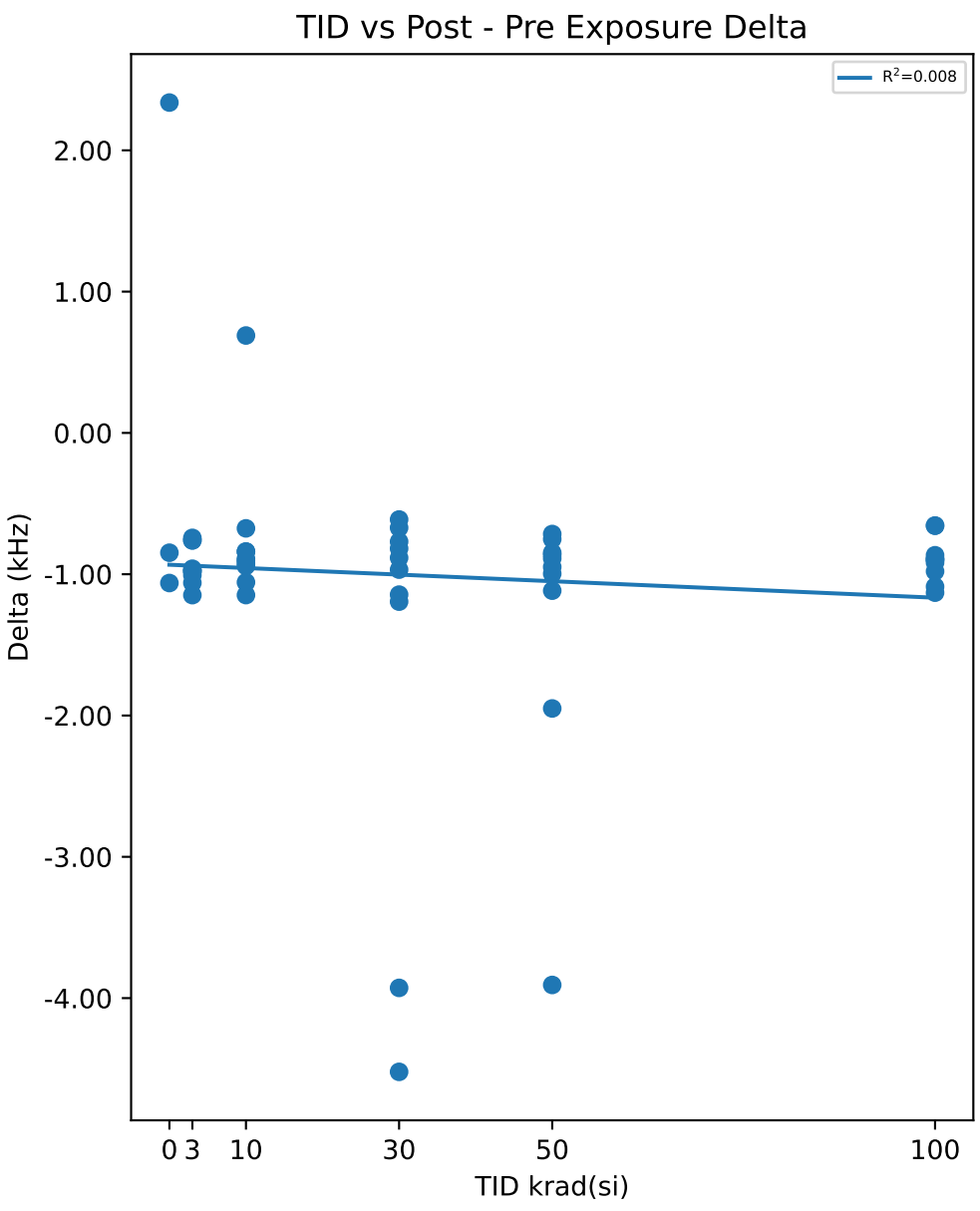
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	995.67	995.05	-0.6116
2	3	HDR BIAS	1007.7	1007	-0.739
3	3	HDR BIAS	995.33	994.2	-1.1299
4	3	HDR BIAS	1002.2	1001.2	-0.9741
5	3	HDR BIAS	998.64	997.67	-0.9711
6	3	HDR UNBIAS	993.39	992.17	-1.2173
7	3	HDR UNBIAS	1006.6	1005.8	-0.8113
8	3	HDR UNBIAS	1001.8	1002.1	0.2876
9	3	HDR UNBIAS	1000.5	998.92	-1.6157
10	3	HDR UNBIAS	1001.9	999.93	-1.9714
11	10	HDR BIAS	1001.3	1000.9	-0.3465
12	10	HDR BIAS	995.2	994.5	-0.6991
13	10	HDR BIAS	1002.4	1001.6	-0.8748
14	10	HDR BIAS	996.69	996.03	-0.6667
15	10	HDR BIAS	993.66	991.34	-2.3245
16	10	HDR UNBIAS	988.38	988.57	0.1925
17	10	HDR UNBIAS	992.42	989.78	-2.6398
18	10	HDR UNBIAS	1000.9	999.36	-1.4999
19	10	HDR UNBIAS	1005.2	1004.1	-1.1647
20	10	HDR UNBIAS	999.52	998.2	-1.3221
31	30	HDR BIAS	993.55	994.66	1.1121
32	30	HDR BIAS	1007.9	1007.8	-0.0397
33	30	HDR BIAS	997.31	996.21	-1.1029
34	30	HDR BIAS	983.02	981.7	-1.3229
35	30	HDR BIAS	1002.7	1000.1	-2.6399
36	30	HDR UNBIAS	1004.6	1003.8	-0.7909
37	30	HDR UNBIAS	998.39	998.46	0.0663
38	30	HDR UNBIAS	997.28	996.05	-1.2307
39	30	HDR UNBIAS	1009.3	1007.9	-1.4334
40	30	HDR UNBIAS	996.55	995.42	-1.1275
41	50	HDR BIAS	998.28	995.39	-2.8944
42	50	HDR BIAS	1000.1	997.61	-2.5273
43	50	HDR BIAS	989.41	990.26	0.856
44	50	HDR BIAS	1002.1	1002.5	0.4119
45	50	HDR BIAS	992.56	992.91	0.3509
46	50	HDR UNBIAS	999.91	1000.7	0.7584
47	50	HDR UNBIAS	1000.9	1000	-0.8685
48	50	HDR UNBIAS	994.58	987.16	-7.4142
49	50	HDR UNBIAS	1000.3	1001.6	1.3663
50	50	HDR UNBIAS	1006.9	1009.4	2.4777
51	100	HDR BIAS	992.32	990	-2.3187
52	100	HDR BIAS	992.37	992.24	-0.133
53	100	HDR BIAS	991.78	993.41	1.6271
54	100	HDR BIAS	1006.8	1007.2	0.389
55	100	HDR BIAS	1004.1	1000.9	-3.1912
56	100	HDR UNBIAS	1004	1005.6	1.6453
57	100	HDR UNBIAS	1000.5	1002.2	1.7016
58	100	HDR UNBIAS	1003.3	1003.2	-0.1131
59	100	HDR UNBIAS	1010.5	1008.2	-2.2549
60	100	HDR UNBIAS	1010.5	1007.5	-2.9832
71	0	CORRELATION	992.36	991.58	-0.7819
72	0	CORRELATION	999.31	997.74	-1.5738
73	0	CORRELATION	999.58	998.99	-0.5848

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	992.36	997.08	999.58	4.0896	991.58	996.1	998.99	3.9659	-1.5738	-0.98017	-0.5848	0.52346
3	993.39	1000.4	1007.7	4.7096	992.17	999.4	1007	4.8343	-1.9714	-0.97538	0.2876	0.60505
10	988.38	997.57	1005.2	5.2002	988.57	996.43	1004.1	5.2954	-2.6398	-1.1346	0.1925	0.86342
30	983.02	999.05	1009.3	7.6473	981.7	998.2	1007.9	7.613	-2.6399	-0.85095	1.1121	1.0222
50	989.41	998.51	1006.9	5.0664	987.16	997.76	1009.4	6.5378	-7.4142	-0.74832	2.4777	2.877
100	991.78	1001.6	1010.5	7.2194	990	1001.1	1008.2	6.802	-3.1912	-0.56311	1.7016	1.9665

Device Test: 20.68 LEVEL|FREQ/SYNC/14/14/0/0/5/1MHz//@FREQ_SYNC_EXT





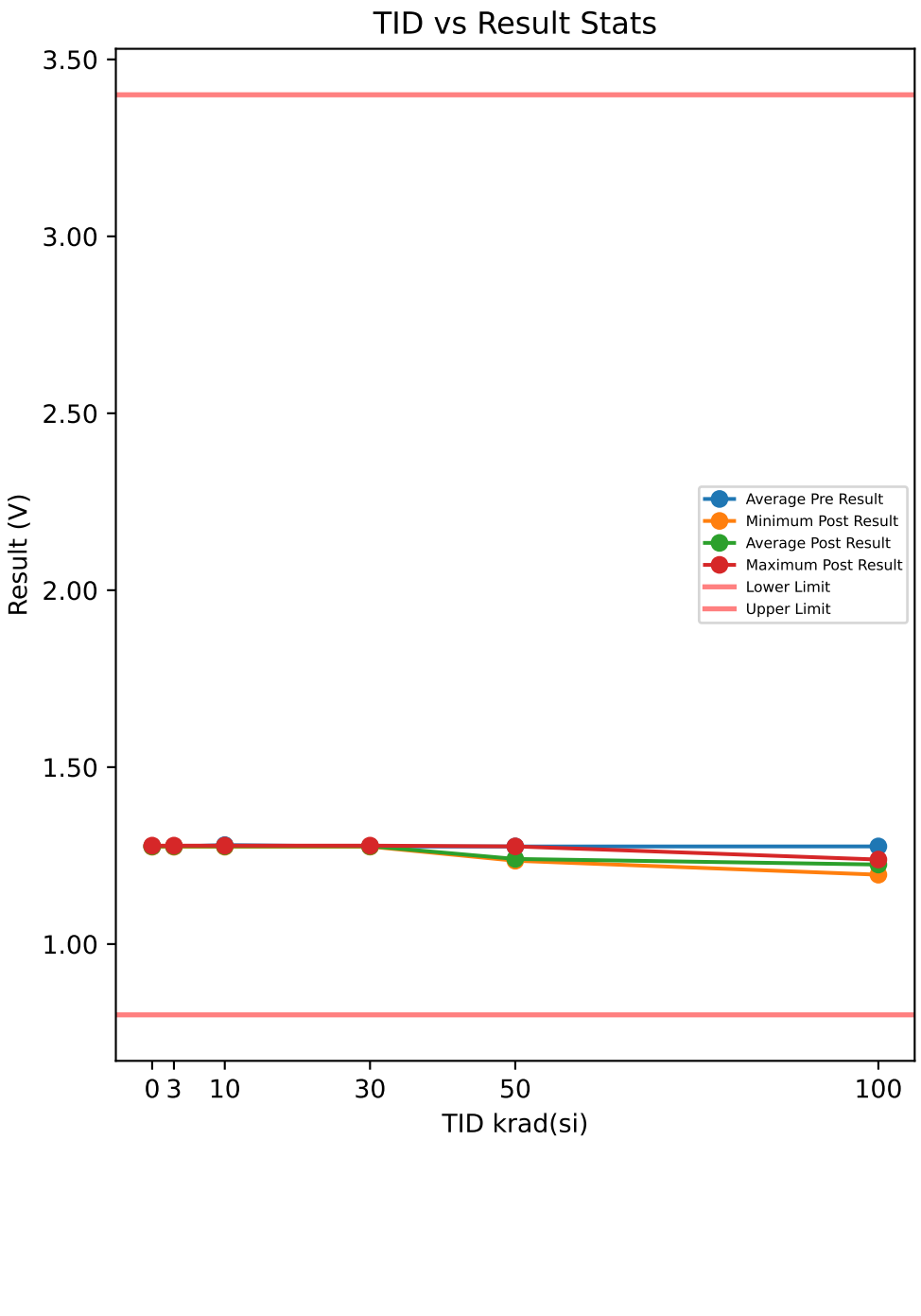
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

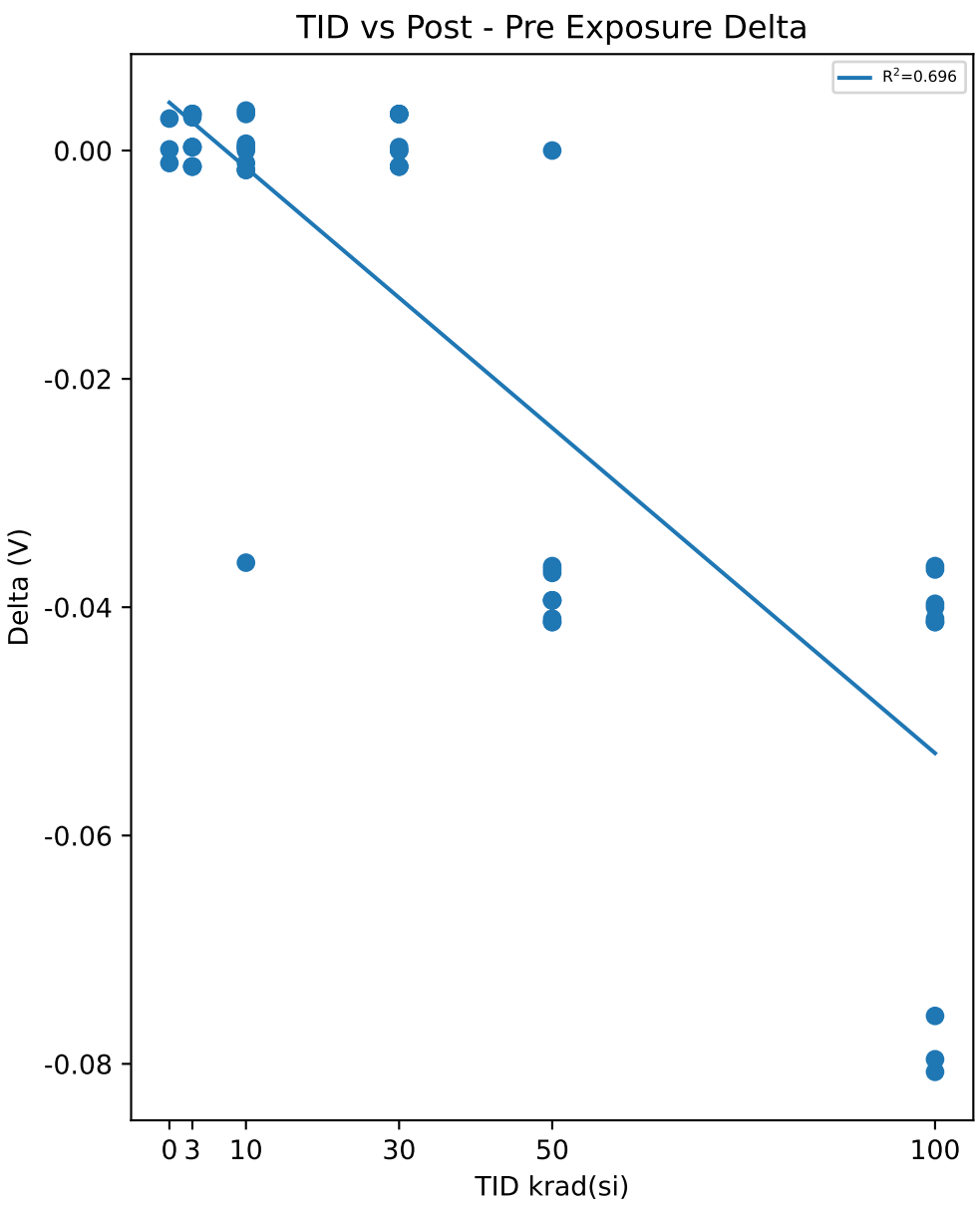
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000	999.29	-0.7428
2	3	HDR BIAS	1000.2	999.26	-0.9769
3	3	HDR BIAS	1000.4	999.45	-0.9611
4	3	HDR BIAS	1000.2	999.42	-0.7599
5	3	HDR BIAS	1000.3	999.12	-1.1479
6	3	HDR UNBIAS	1000.3	999.35	-0.9776
7	3	HDR UNBIAS	1000.2	999.2	-1.0061
8	3	HDR UNBIAS	1000.2	999.26	-0.9785
9	3	HDR UNBIAS	1000.4	999.32	-1.061
10	3	HDR UNBIAS	1000.2	999.41	-0.7607
11	10	HDR BIAS	1000.2	999.17	-1.0573
12	10	HDR BIAS	1000.2	999.35	-0.84
13	10	HDR BIAS	998.69	999.38	0.6894
14	10	HDR BIAS	1000.1	999.24	-0.903
15	10	HDR BIAS	1000.3	999.45	-0.8906
16	10	HDR UNBIAS	1000.2	999.38	-0.8396
17	10	HDR UNBIAS	1000.2	999.26	-0.9414
18	10	HDR UNBIAS	1000.2	999.32	-0.9217
19	10	HDR UNBIAS	1000	999.37	-0.6754
20	10	HDR UNBIAS	1000.3	999.11	-1.1476
31	30	HDR BIAS	1000	999.4	-0.6127
32	30	HDR BIAS	1000.3	999.12	-1.194
33	30	HDR BIAS	1000.3	995.75	-4.5218
34	30	HDR BIAS	1000.1	999.26	-0.8183
35	30	HDR BIAS	1000.3	999.12	-1.1444
36	30	HDR UNBIAS	1000.3	999.35	-0.9675
37	30	HDR UNBIAS	1000.1	999.39	-0.671
38	30	HDR UNBIAS	1000.1	999.24	-0.884
39	30	HDR UNBIAS	1000.3	996.4	-3.9275
40	30	HDR UNBIAS	1000.2	999.38	-0.7693
41	50	HDR BIAS	1000.1	999.32	-0.7516
42	50	HDR BIAS	1000.2	999.47	-0.7155
43	50	HDR BIAS	1000.2	999.19	-0.9962
44	50	HDR BIAS	1000.2	999.12	-1.1164
45	50	HDR BIAS	1000.2	999.29	-0.8883
46	50	HDR UNBIAS	1000.2	998.26	-1.95
47	50	HDR UNBIAS	1000.1	996.22	-3.9068
48	50	HDR UNBIAS	1000.2	999.3	-0.9486
49	50	HDR UNBIAS	1000.1	999.21	-0.8629
50	50	HDR UNBIAS	1000.1	999.27	-0.8476
51	100	HDR BIAS	1000.2	999.3	-0.8976
52	100	HDR BIAS	1000.2	999.28	-0.8961
53	100	HDR BIAS	1000.1	999.19	-0.9177
54	100	HDR BIAS	1000.1	999.48	-0.6562
55	100	HDR BIAS	1000.1	999.25	-0.8899
56	100	HDR UNBIAS	1000.3	999.16	-1.1305
57	100	HDR UNBIAS	1000.2	999.53	-0.6561
58	100	HDR UNBIAS	1000.2	999.34	-0.8657
59	100	HDR UNBIAS	1000.2	999.1	-1.0878
60	100	HDR UNBIAS	1000.4	999.46	-0.9796
71	0	CORRELATION	1000.1	999.21	-0.8478
72	0	CORRELATION	1000.3	999.19	-1.0623
73	0	CORRELATION	997.03	999.37	2.338

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	997.03	999.12	1000.3	1.8087	999.19	999.26	999.37	0.095625	-1.0623	0.14263	2.338	1.9043
3	1000	1000.2	1000.4	0.11071	999.12	999.31	999.45	0.1033	-1.1479	-0.93725	-0.7428	0.13757
10	998.69	1000.1	1000.3	0.48622	999.11	999.3	999.45	0.10574	-1.1476	-0.75272	0.6894	0.52231
30	1000	1000.2	1000.3	0.11979	995.75	998.64	999.4	1.3671	-4.5218	-1.551	-0.6127	1.4281
50	1000.1	1000.2	1000.2	0.063163	996.22	998.86	999.47	0.98588	-3.9068	-1.2984	-0.7155	0.98178
100	1000.1	1000.2	1000.4	0.09698	999.1	999.31	999.53	0.14498	-1.1305	-0.89772	-0.6561	0.15464

Device Test: 20.7 LEVEL|LOW_LEVEL/SYNC/5.5/5.5/0/0/4.5/500kHz//@SYNC_VIL_TH_HIGH_4P5





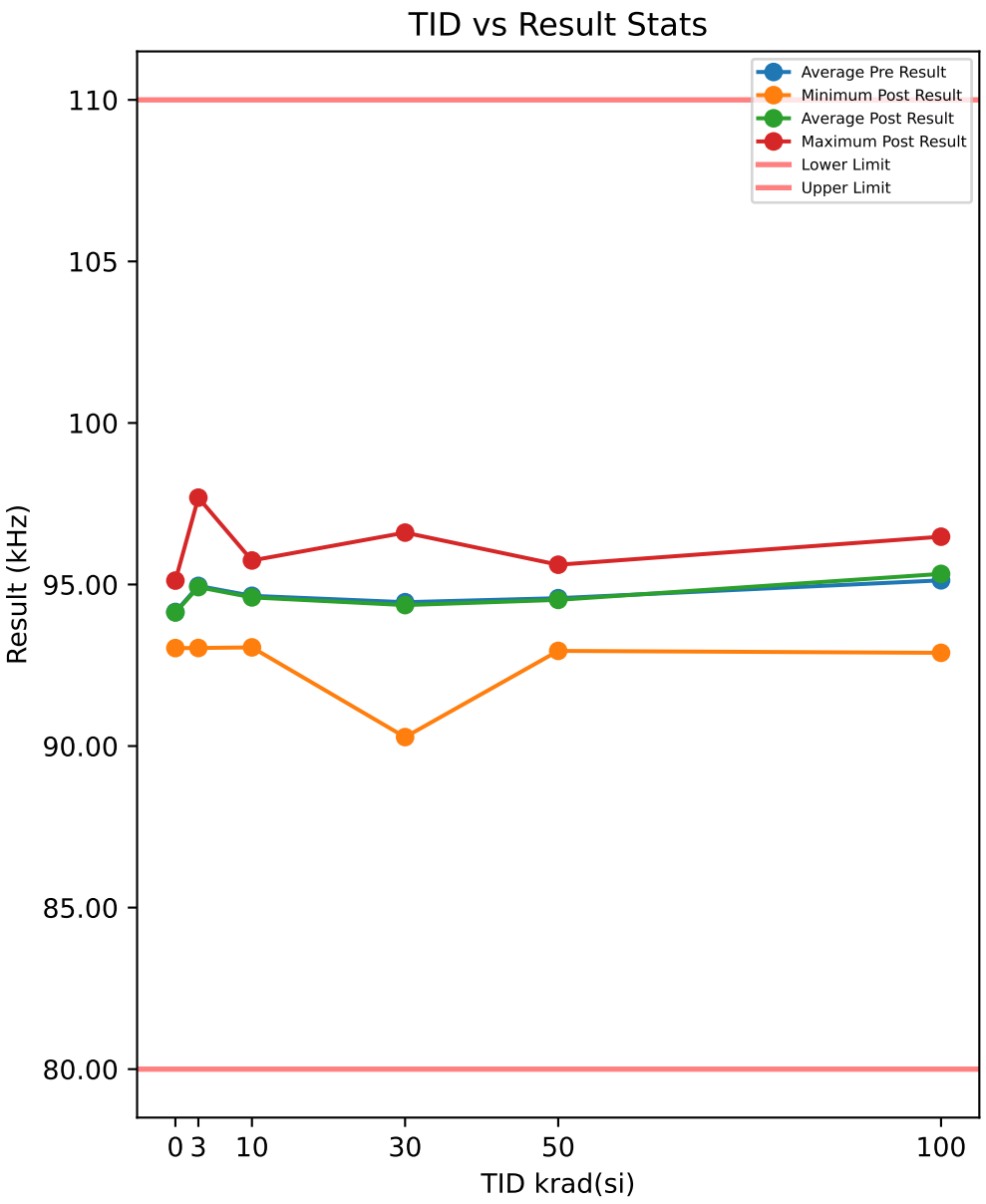
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

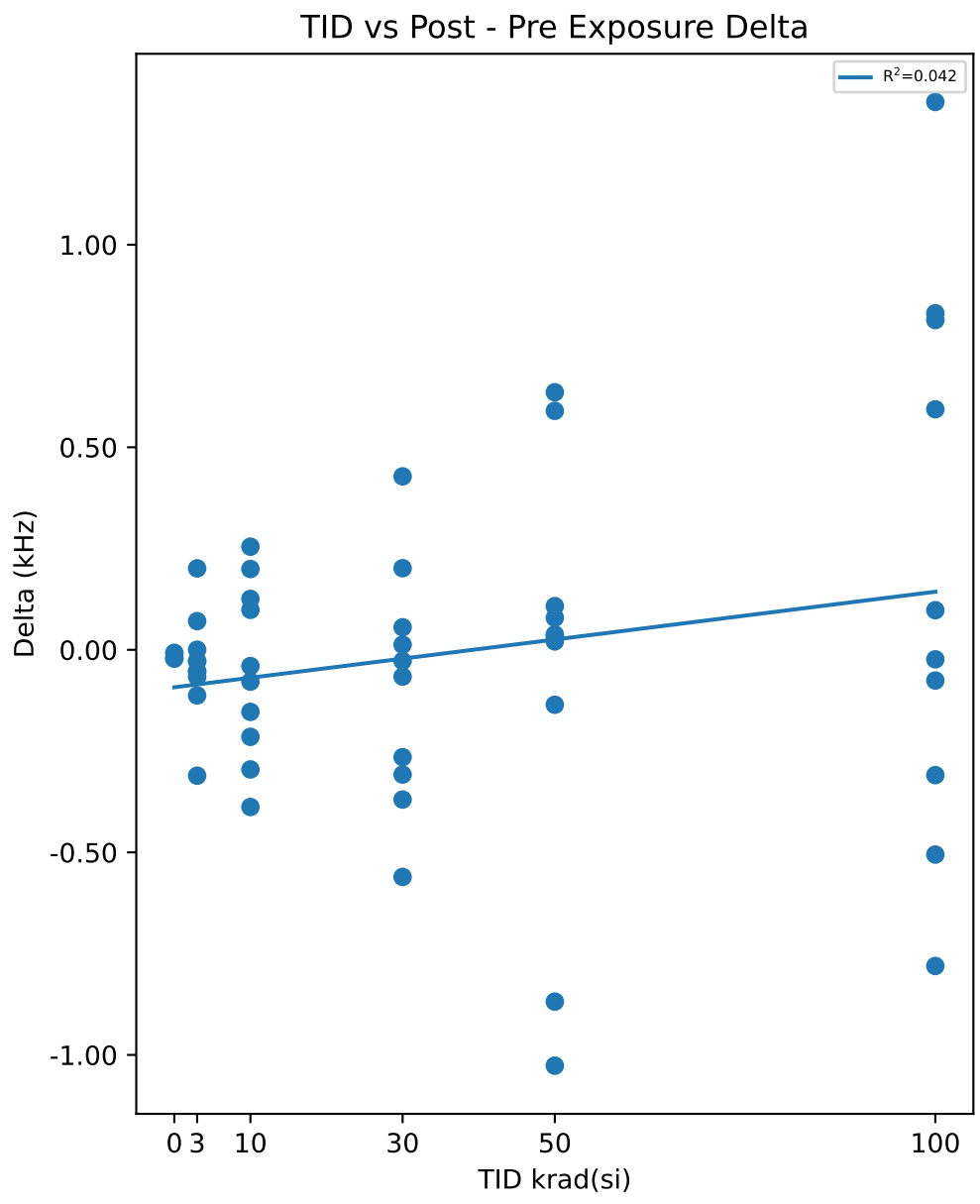
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2753	1.2782	0.0029
2	3	HDR BIAS	1.2754	1.2757	0.0003
3	3	HDR BIAS	1.2768	1.2754	-0.0014
4	3	HDR BIAS	1.275	1.2782	0.0032
5	3	HDR BIAS	1.2757	1.276	0.0003
6	3	HDR UNBIAS	1.2765	1.2751	-0.0014
7	3	HDR UNBIAS	1.275	1.2782	0.0032
8	3	HDR UNBIAS	1.2757	1.276	0.0003
9	3	HDR UNBIAS	1.2765	1.2751	-0.0014
10	3	HDR UNBIAS	1.275	1.2782	0.0032
11	10	HDR BIAS	1.2757	1.276	0.0003
12	10	HDR BIAS	1.2768	1.2751	-0.0017
13	10	HDR BIAS	1.275	1.2782	0.0032
14	10	HDR BIAS	1.2757	1.2763	0.0006
15	10	HDR BIAS	1.2765	1.2754	-0.0011
16	10	HDR UNBIAS	1.2747	1.2782	0.0035
17	10	HDR UNBIAS	1.2757	1.2757	0
18	10	HDR UNBIAS	1.2768	1.2751	-0.0017
19	10	HDR UNBIAS	1.3143	1.2782	-0.0361
20	10	HDR UNBIAS	1.2757	1.276	0.0003
31	30	HDR BIAS	1.275	1.2782	0.0032
32	30	HDR BIAS	1.276	1.276	0
33	30	HDR BIAS	1.2768	1.2754	-0.0014
34	30	HDR BIAS	1.275	1.2782	0.0032
35	30	HDR BIAS	1.2757	1.276	0.0003
36	30	HDR UNBIAS	1.2768	1.2754	-0.0014
37	30	HDR UNBIAS	1.275	1.2782	0.0032
38	30	HDR UNBIAS	1.2757	1.2757	0
39	30	HDR UNBIAS	1.2768	1.2754	-0.0014
40	30	HDR UNBIAS	1.2747	1.2779	0.0032
41	50	HDR BIAS	1.276	1.276	0
42	50	HDR BIAS	1.2768	1.2355	-0.0413
43	50	HDR BIAS	1.275	1.2386	-0.0364
44	50	HDR BIAS	1.2754	1.236	-0.0394
45	50	HDR BIAS	1.2768	1.2355	-0.0413
46	50	HDR UNBIAS	1.2753	1.2386	-0.0367
47	50	HDR UNBIAS	1.2754	1.236	-0.0394
48	50	HDR UNBIAS	1.2765	1.2355	-0.041
49	50	HDR UNBIAS	1.2753	1.2383	-0.037
50	50	HDR UNBIAS	1.2757	1.2363	-0.0394
51	100	HDR BIAS	1.2765	1.2355	-0.041
52	100	HDR BIAS	1.2753	1.2386	-0.0367
53	100	HDR BIAS	1.276	1.1964	-0.0796
54	100	HDR BIAS	1.2768	1.2355	-0.0413
55	100	HDR BIAS	1.2753	1.2389	-0.0364
56	100	HDR UNBIAS	1.2757	1.236	-0.0397
57	100	HDR UNBIAS	1.2768	1.1961	-0.0807
58	100	HDR UNBIAS	1.2747	1.1989	-0.0758
59	100	HDR UNBIAS	1.276	1.236	-0.04
60	100	HDR UNBIAS	1.2768	1.2355	-0.0413
71	0	CORRELATION	1.2754	1.2782	0.0028
72	0	CORRELATION	1.2768	1.2757	-0.0011
73	0	CORRELATION	1.275	1.2751	0.0001

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	1.275	1.2757	1.2768	0.00094516	1.2751	1.2763	1.2782	0.0016442	-0.0011	0.0006	0.0028	0.0019975
3	1.275	1.2757	1.2768	0.00068386	1.2751	1.2766	1.2782	0.0014027	-0.0014	0.00092	0.0032	0.0020225
10	1.2747	1.2797	1.3143	0.012181	1.2751	1.2764	1.2782	0.0012874	-0.0361	-0.00327	0.0035	0.011673
30	1.2747	1.2757	1.2768	0.00082765	1.2754	1.2766	1.2782	0.0012997	-0.0014	0.00089	0.0032	0.0020819
50	1.275	1.2758	1.2768	0.00066633	1.2355	1.2406	1.276	0.012496	-0.0413	-0.03519	0	0.012503
100	1.2747	1.276	1.2768	0.00074005	1.1961	1.2247	1.2389	0.019104	-0.0807	-0.05125	-0.0364	0.019058

Device Test: 20.71 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/100kHz//@FSW_EXT_RT_A





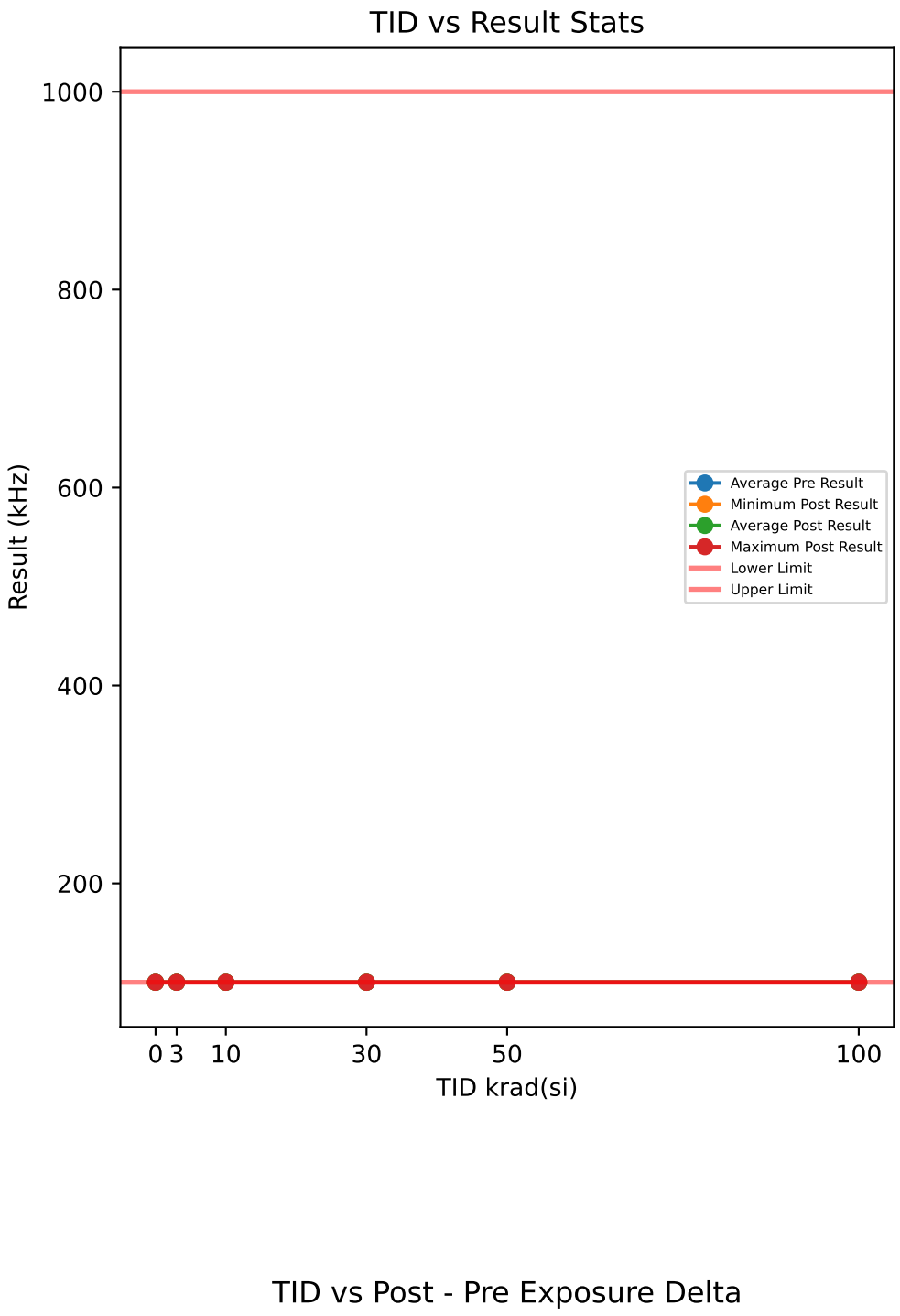
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

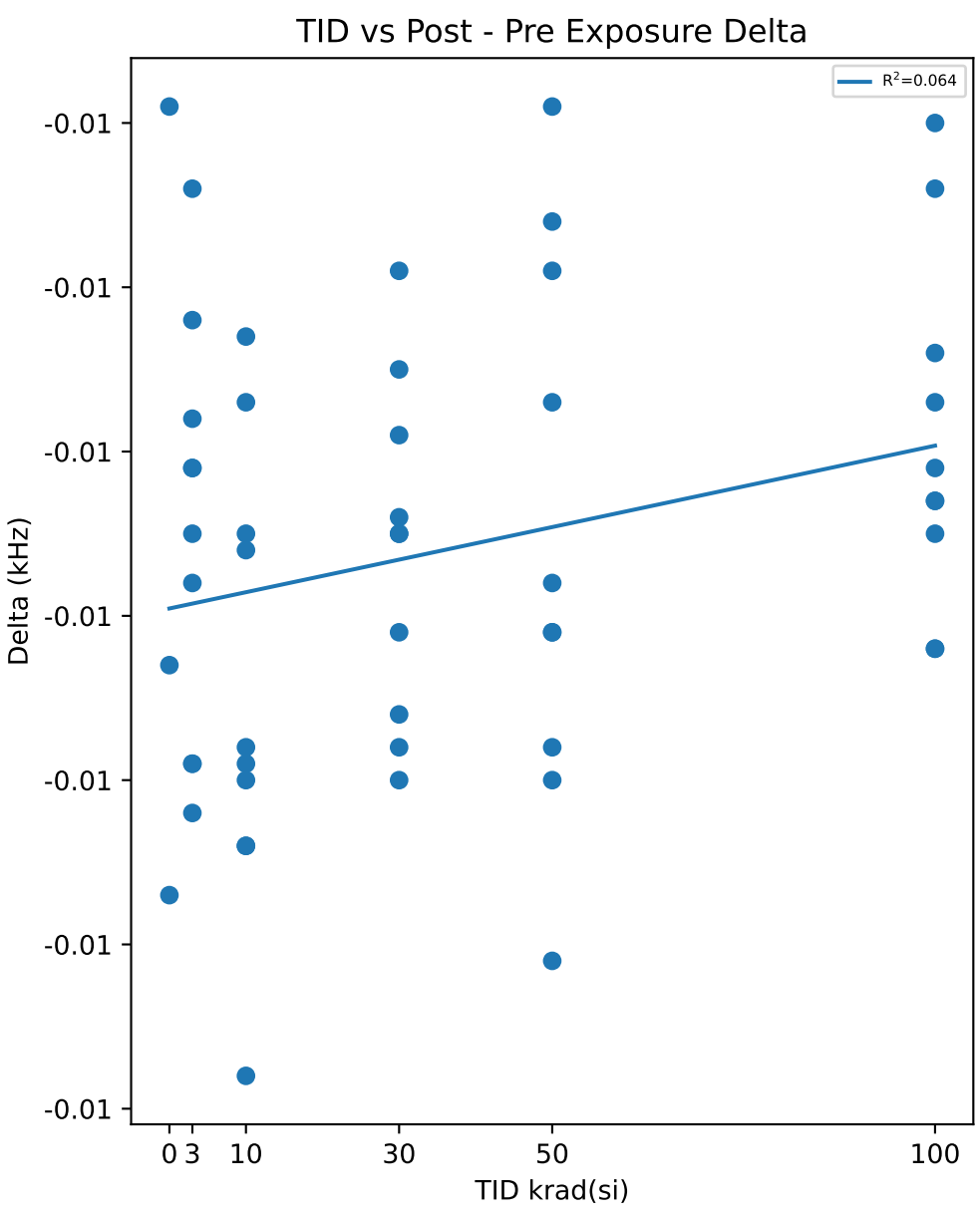
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.887	93.958	0.0709
2	3	HDR BIAS	97.755	97.688	-0.0666
3	3	HDR BIAS	93.147	93.035	-0.1126
4	3	HDR BIAS	96.294	96.266	-0.0277
5	3	HDR BIAS	93.38	93.38	0.0003
6	3	HDR UNBIAS	93.408	93.354	-0.0543
7	3	HDR UNBIAS	95.567	95.539	-0.0281
8	3	HDR UNBIAS	94.636	94.837	0.201
9	3	HDR UNBIAS	95.58	95.269	-0.3107
10	3	HDR UNBIAS	95.914	95.862	-0.0523
11	10	HDR BIAS	95.02	95.22	0.1995
12	10	HDR BIAS	94.594	94.553	-0.0401
13	10	HDR BIAS	95.073	95.199	0.1257
14	10	HDR BIAS	95.136	95.391	0.2546
15	10	HDR BIAS	93.207	93.054	-0.1532
16	10	HDR UNBIAS	93.305	93.404	0.0987
17	10	HDR UNBIAS	93.808	93.42	-0.388
18	10	HDR UNBIAS	96.039	95.743	-0.2953
19	10	HDR UNBIAS	95.704	95.626	-0.0785
20	10	HDR UNBIAS	94.613	94.398	-0.2148
31	30	HDR BIAS	94.074	94.502	0.4282
32	30	HDR BIAS	96.551	96.606	0.0556
33	30	HDR BIAS	93.665	93.599	-0.0661
34	30	HDR BIAS	90.646	90.277	-0.3696
35	30	HDR BIAS	95.537	95.272	-0.265
36	30	HDR UNBIAS	95.225	95.198	-0.0275
37	30	HDR UNBIAS	95.117	95.319	0.2015
38	30	HDR UNBIAS	93.192	93.205	0.0127
39	30	HDR UNBIAS	96.231	95.923	-0.3079
40	30	HDR UNBIAS	94.289	93.729	-0.5606
41	50	HDR BIAS	94.137	94.001	-0.1356
42	50	HDR BIAS	96.418	95.549	-0.8684
43	50	HDR BIAS	92.912	92.945	0.033
44	50	HDR BIAS	95.232	95.27	0.0379
45	50	HDR BIAS	92.899	93.007	0.1079
46	50	HDR UNBIAS	95.533	95.612	0.0791
47	50	HDR UNBIAS	94.463	94.484	0.0208
48	50	HDR UNBIAS	95.675	94.648	-1.0265
49	50	HDR UNBIAS	93.764	94.4	0.6358
50	50	HDR UNBIAS	94.733	95.323	0.5899
51	100	HDR BIAS	93.195	92.886	-0.3093
52	100	HDR BIAS	93.72	93.214	-0.5054
53	100	HDR BIAS	94.145	94.976	0.8309
54	100	HDR BIAS	95.952	96.05	0.0978
55	100	HDR BIAS	96.138	96.062	-0.0758
56	100	HDR UNBIAS	95.156	95.749	0.5938
57	100	HDR UNBIAS	95.049	96.401	1.3524
58	100	HDR UNBIAS	94.706	95.52	0.814
59	100	HDR UNBIAS	96.503	96.48	-0.0235
60	100	HDR UNBIAS	96.727	95.946	-0.7805
71	0	CORRELATION	93.039	93.032	-0.0073
72	0	CORRELATION	94.27	94.248	-0.0219
73	0	CORRELATION	95.141	95.121	-0.02

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	93.039	94.15	95.141	1.0558	93.032	94.134	95.121	1.0491	-0.0219	-0.0164	-0.0073	0.0079379
3	93.147	94.957	97.755	1.5165	93.035	94.919	97.688	1.4973	-0.3107	-0.03801	0.201	0.1299
10	93.207	94.65	96.039	0.95424	93.054	94.601	95.743	0.99902	-0.388	-0.04914	0.2546	0.21632
30	90.646	94.453	96.551	1.7206	90.277	94.363	96.606	1.7934	-0.5606	-0.08987	0.4282	0.29202
50	92.899	94.577	96.418	1.1745	92.945	94.524	95.612	0.97347	-1.0265	-0.05261	0.6358	0.53454
100	93.195	95.129	96.727	1.2026	92.886	95.328	96.48	1.2776	-0.7805	0.19944	1.3524	0.67601

Device Test: 20.72 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/100kHz//@FREQ_SYNC_EXT





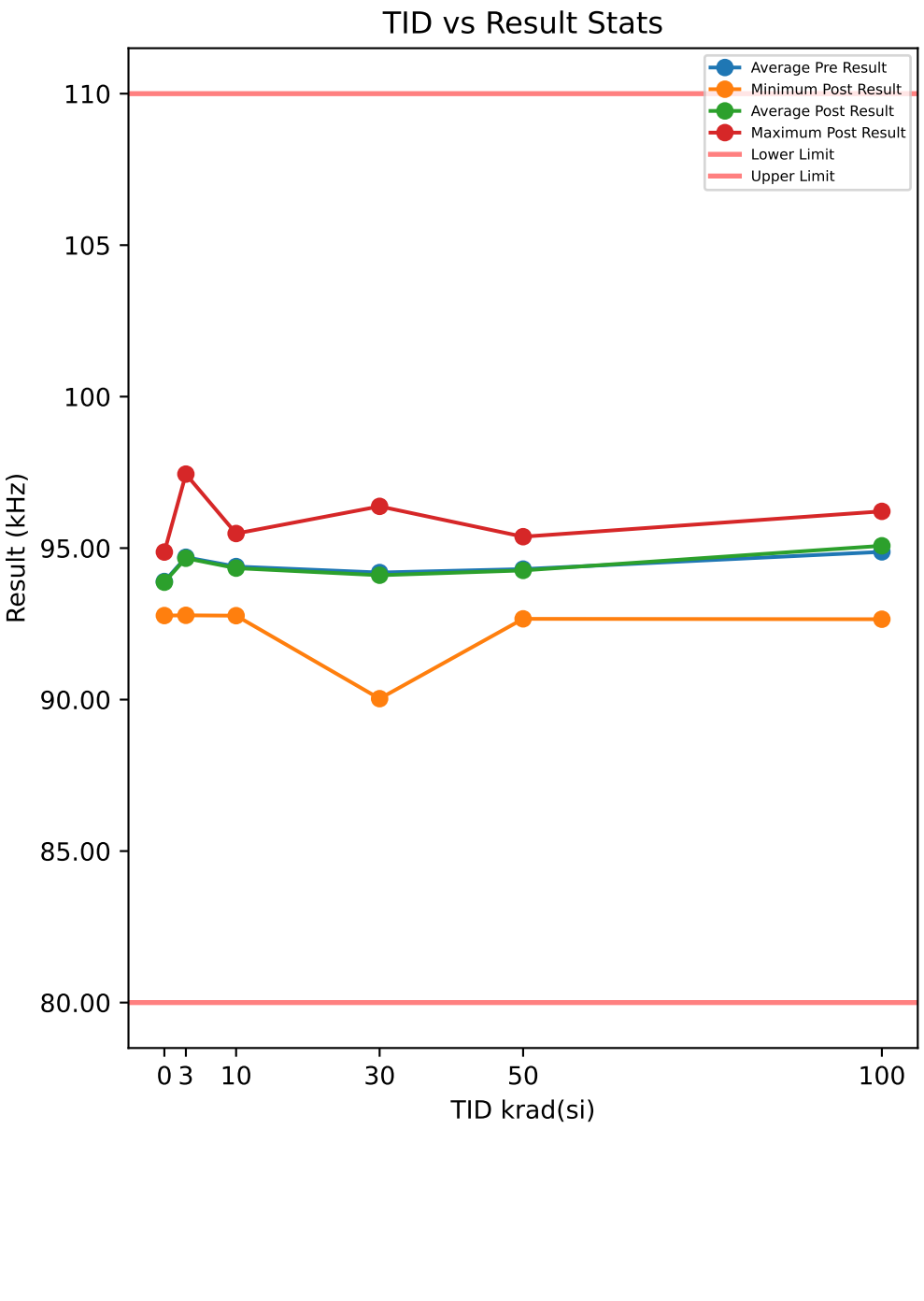
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

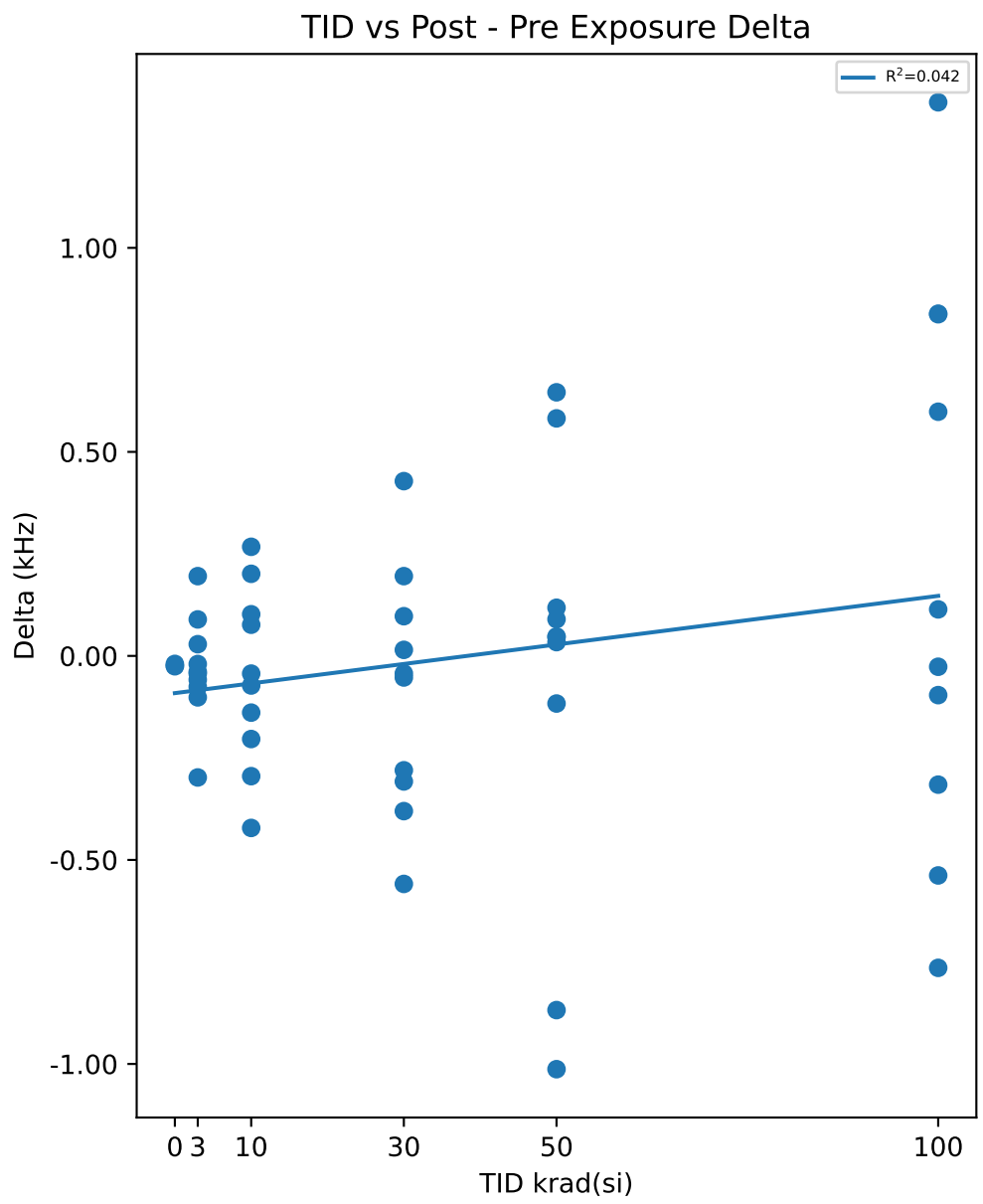
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.994	-0.0078
2	3	HDR BIAS	100	99.992	-0.0099
3	3	HDR BIAS	100	99.993	-0.0099
4	3	HDR BIAS	100	99.994	-0.0072
5	3	HDR BIAS	100	99.992	-0.0088
6	3	HDR UNBIAS	100	99.995	-0.0081
7	3	HDR UNBIAS	100	99.994	-0.0064
8	3	HDR UNBIAS	100	99.994	-0.0085
9	3	HDR UNBIAS	100	99.993	-0.0081
10	3	HDR UNBIAS	100	99.992	-0.0102
11	10	HDR BIAS	100	99.994	-0.0073
12	10	HDR BIAS	100	99.994	-0.0077
13	10	HDR BIAS	100	99.993	-0.0098
14	10	HDR BIAS	100	99.994	-0.0086
15	10	HDR BIAS	100	99.993	-0.0104
16	10	HDR UNBIAS	100	99.994	-0.0085
17	10	HDR UNBIAS	100	99.991	-0.0104
18	10	HDR UNBIAS	100	99.995	-0.0099
19	10	HDR UNBIAS	100	99.992	-0.01
20	10	HDR UNBIAS	100	99.991	-0.0118
31	30	HDR BIAS	100	99.994	-0.0091
32	30	HDR BIAS	100	99.993	-0.0096
33	30	HDR BIAS	100	99.995	-0.0075
34	30	HDR BIAS	100	99.994	-0.0069
35	30	HDR BIAS	100	99.992	-0.0098
36	30	HDR UNBIAS	100	99.995	-0.0085
37	30	HDR UNBIAS	100	99.994	-0.0084
38	30	HDR UNBIAS	100	99.994	-0.0079
39	30	HDR UNBIAS	100	99.993	-0.01
40	30	HDR UNBIAS	100	99.992	-0.0085
41	50	HDR BIAS	100	99.992	-0.0091
42	50	HDR BIAS	100	99.995	-0.0059
43	50	HDR BIAS	100	99.994	-0.0069
44	50	HDR BIAS	100	99.994	-0.0098
45	50	HDR BIAS	100	99.993	-0.0088
46	50	HDR UNBIAS	100	99.992	-0.0111
47	50	HDR UNBIAS	100	99.993	-0.0077
48	50	HDR UNBIAS	100	99.996	-0.0066
49	50	HDR UNBIAS	100	99.992	-0.0091
50	50	HDR UNBIAS	100	99.992	-0.01
51	100	HDR BIAS	100	99.995	-0.006
52	100	HDR BIAS	100	99.995	-0.0074
53	100	HDR BIAS	100	99.992	-0.0092
54	100	HDR BIAS	100	99.993	-0.0085
55	100	HDR BIAS	100	99.994	-0.0083
56	100	HDR UNBIAS	100	99.993	-0.0077
57	100	HDR UNBIAS	100	99.995	-0.0083
58	100	HDR UNBIAS	100	99.995	-0.0064
59	100	HDR UNBIAS	100	99.992	-0.0092
60	100	HDR UNBIAS	100	99.996	-0.0081
71	0	CORRELATION	100	99.994	-0.0093
72	0	CORRELATION	100	99.991	-0.0107
73	0	CORRELATION	100	99.995	-0.0059

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.001222	99.991	99.993	99.995	0.0020817	-0.0107	-0.0086333	-0.0059	0.0024685
3	100	100	100	0.00092069	99.992	99.993	99.995	0.0011361	-0.0102	-0.00849	-0.0064	0.0012387
10	100	100	100	0.00099493	99.991	99.993	99.995	0.0012508	-0.0118	-0.00944	-0.0073	0.001385
30	100	100	100	0.0010853	99.992	99.994	99.995	0.0011593	-0.01	-0.00862	-0.0069	0.0010163
50	100	100	100	0.0009624	99.992	99.993	99.996	0.0013855	-0.0111	-0.0085	-0.0059	0.0016693
100	100	100	100	0.0010031	99.992	99.994	99.996	0.0012723	-0.0092	-0.00791	-0.006	0.0010671

Device Test: 20.73 LEVEL|FREQ/RT/5/5/0/1000/5/100kHz//@FSW_EXT_RT_A





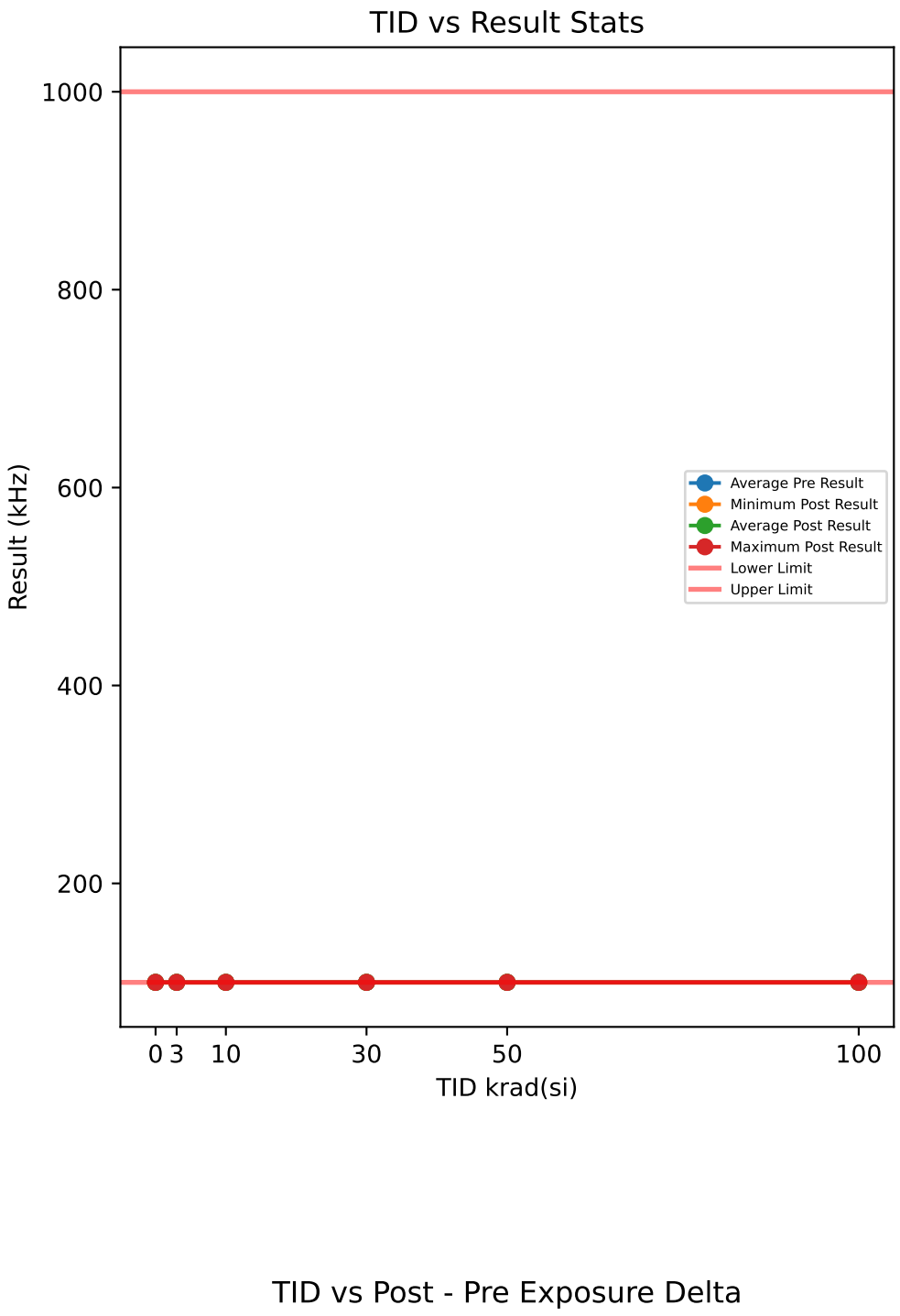
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

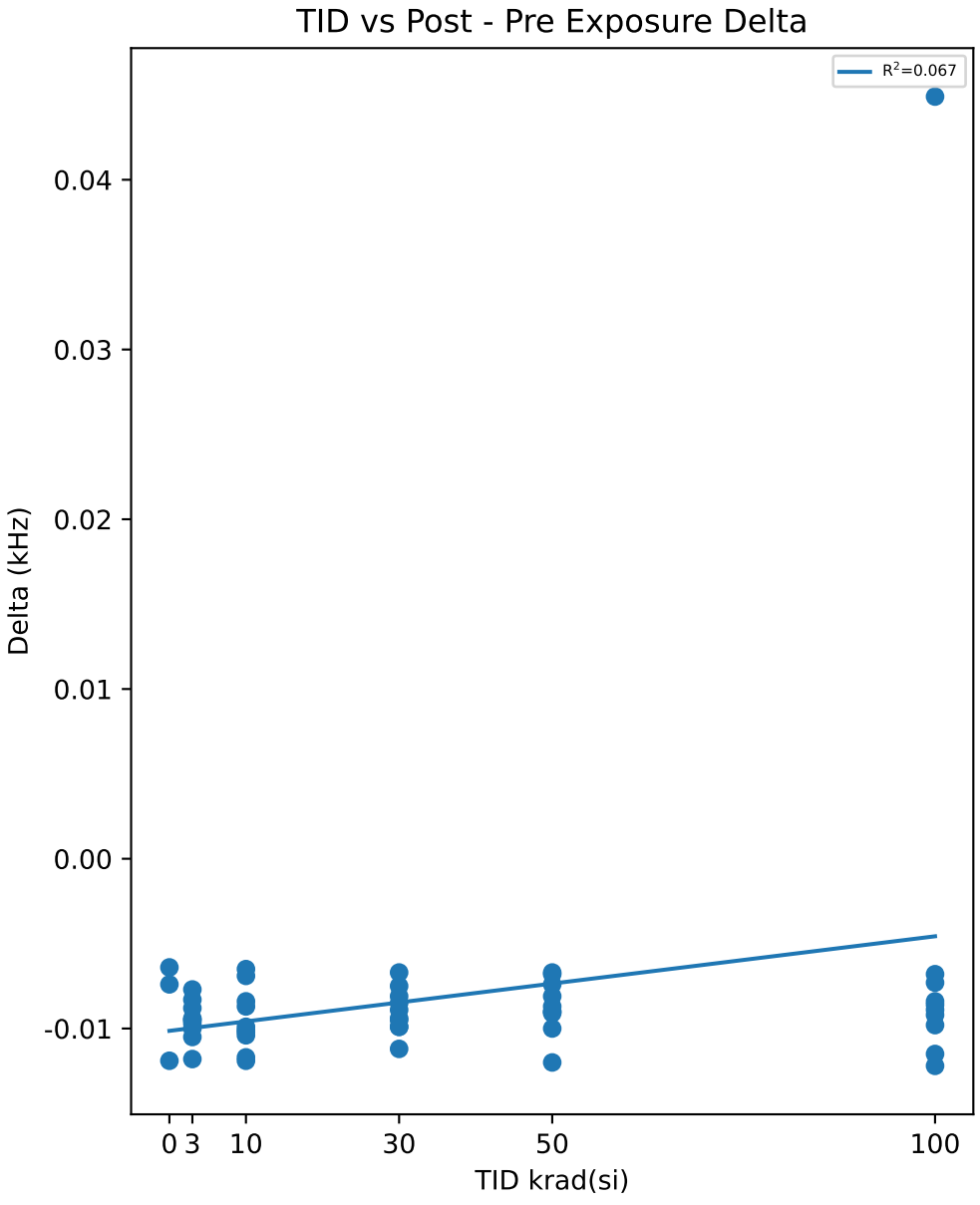
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.592	93.682	0.0894
2	3	HDR BIAS	97.519	97.443	-0.0758
3	3	HDR BIAS	92.883	92.782	-0.1016
4	3	HDR BIAS	96.041	96.021	-0.0199
5	3	HDR BIAS	93.113	93.142	0.0287
6	3	HDR UNBIAS	93.15	93.111	-0.0388
7	3	HDR UNBIAS	95.331	95.287	-0.0434
8	3	HDR UNBIAS	94.379	94.575	0.1955
9	3	HDR UNBIAS	95.302	95.004	-0.2979
10	3	HDR UNBIAS	95.667	95.608	-0.0584
11	10	HDR BIAS	94.784	94.985	0.2012
12	10	HDR BIAS	94.339	94.295	-0.0434
13	10	HDR BIAS	94.817	94.919	0.1021
14	10	HDR BIAS	94.879	95.147	0.2674
15	10	HDR BIAS	92.909	92.77	-0.139
16	10	HDR UNBIAS	93.058	93.135	0.0764
17	10	HDR UNBIAS	93.55	93.129	-0.4216
18	10	HDR UNBIAS	95.776	95.481	-0.2947
19	10	HDR UNBIAS	95.466	95.393	-0.0725
20	10	HDR UNBIAS	94.333	94.13	-0.2037
31	30	HDR BIAS	93.803	94.231	0.4283
32	30	HDR BIAS	96.281	96.378	0.0973
33	30	HDR BIAS	93.406	93.363	-0.0429
34	30	HDR BIAS	90.411	90.031	-0.3804
35	30	HDR BIAS	95.28	94.999	-0.2803
36	30	HDR UNBIAS	94.986	94.933	-0.0529
37	30	HDR UNBIAS	94.852	95.048	0.1955
38	30	HDR UNBIAS	92.93	92.945	0.0148
39	30	HDR UNBIAS	95.959	95.651	-0.3077
40	30	HDR UNBIAS	94.03	93.471	-0.5588
41	50	HDR BIAS	93.862	93.745	-0.1167
42	50	HDR BIAS	96.134	95.266	-0.868
43	50	HDR BIAS	92.618	92.665	0.0466
44	50	HDR BIAS	94.971	95.018	0.0474
45	50	HDR BIAS	92.641	92.759	0.118
46	50	HDR UNBIAS	95.287	95.377	0.0899
47	50	HDR UNBIAS	94.217	94.251	0.0338
48	50	HDR UNBIAS	95.406	94.394	-1.0128
49	50	HDR UNBIAS	93.471	94.117	0.646
50	50	HDR UNBIAS	94.46	95.043	0.5821
51	100	HDR BIAS	92.968	92.653	-0.3155
52	100	HDR BIAS	93.479	92.941	-0.538
53	100	HDR BIAS	93.906	94.745	0.8386
54	100	HDR BIAS	95.695	95.809	0.114
55	100	HDR BIAS	95.897	95.8	-0.0961
56	100	HDR UNBIAS	94.912	95.51	0.5984
57	100	HDR UNBIAS	94.793	96.15	1.3567
58	100	HDR UNBIAS	94.425	95.263	0.8373
59	100	HDR UNBIAS	96.24	96.213	-0.0266
60	100	HDR UNBIAS	96.446	95.682	-0.7645
71	0	CORRELATION	92.793	92.773	-0.0196
72	0	CORRELATION	94.004	93.981	-0.024
73	0	CORRELATION	94.895	94.87	-0.0254

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.793	93.897	94.895	1.0552	92.773	93.875	94.87	1.0522	-0.0254	-0.023	-0.0196	0.0030265
3	92.883	94.698	97.519	1.5271	92.782	94.666	97.443	1.4983	-0.2979	-0.03222	0.1955	0.12852
10	92.909	94.391	95.776	0.96219	92.77	94.338	95.481	1.0135	-0.4216	-0.05278	0.2674	0.21933
30	90.411	94.194	96.281	1.7133	90.031	94.105	96.378	1.7903	-0.5588	-0.08871	0.4283	0.2958
50	92.618	94.307	96.134	1.1787	92.665	94.263	95.377	0.97456	-1.0128	-0.04337	0.646	0.5331
100	92.968	94.876	96.446	1.1917	92.653	95.076	96.213	1.2754	-0.7645	0.20043	1.3567	0.68294

Device Test: 20.74 LEVEL|FREQ/SYNC/5/5/0/1000/5/100kHz//@FREQ_SYNC_EXT





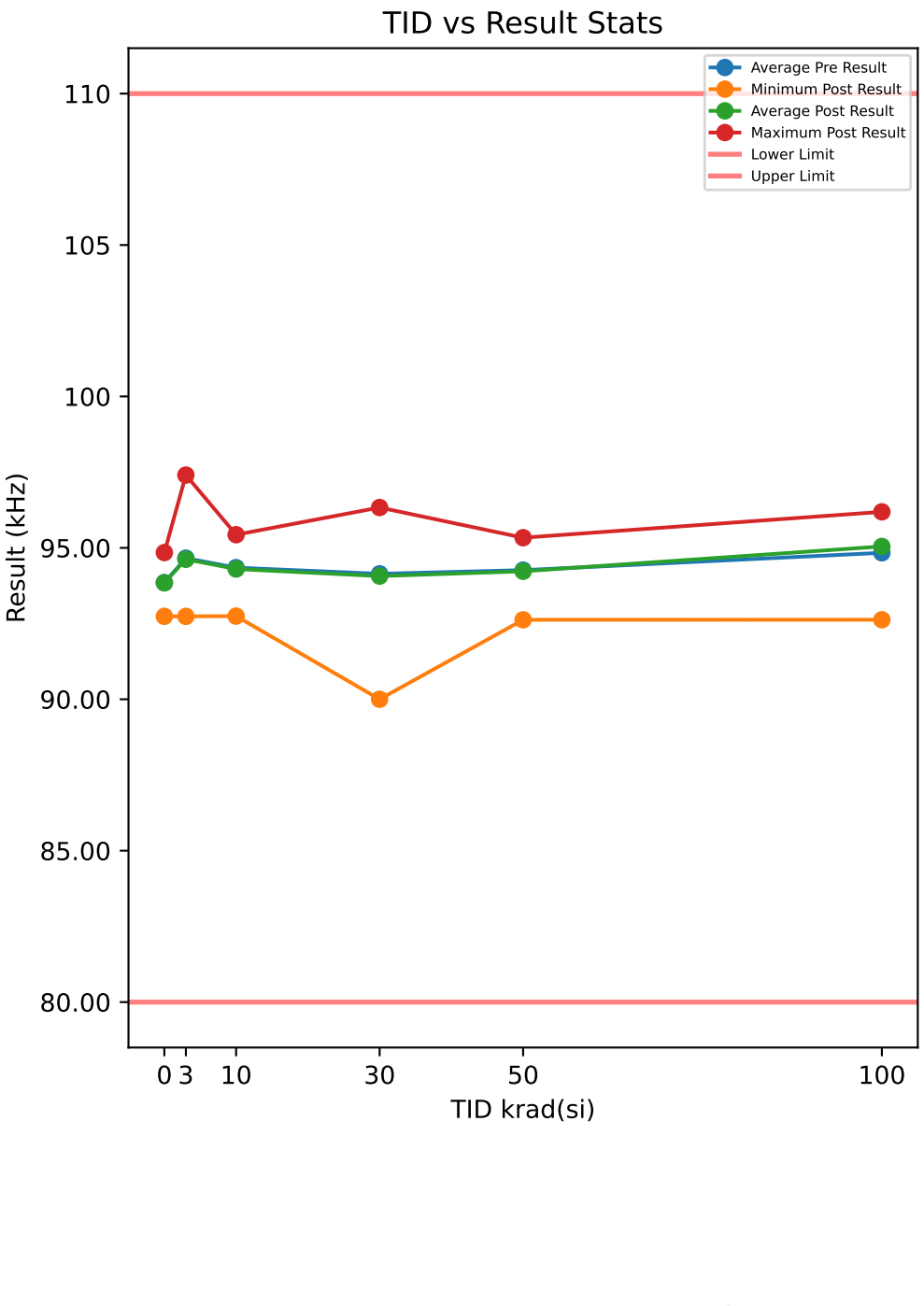
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

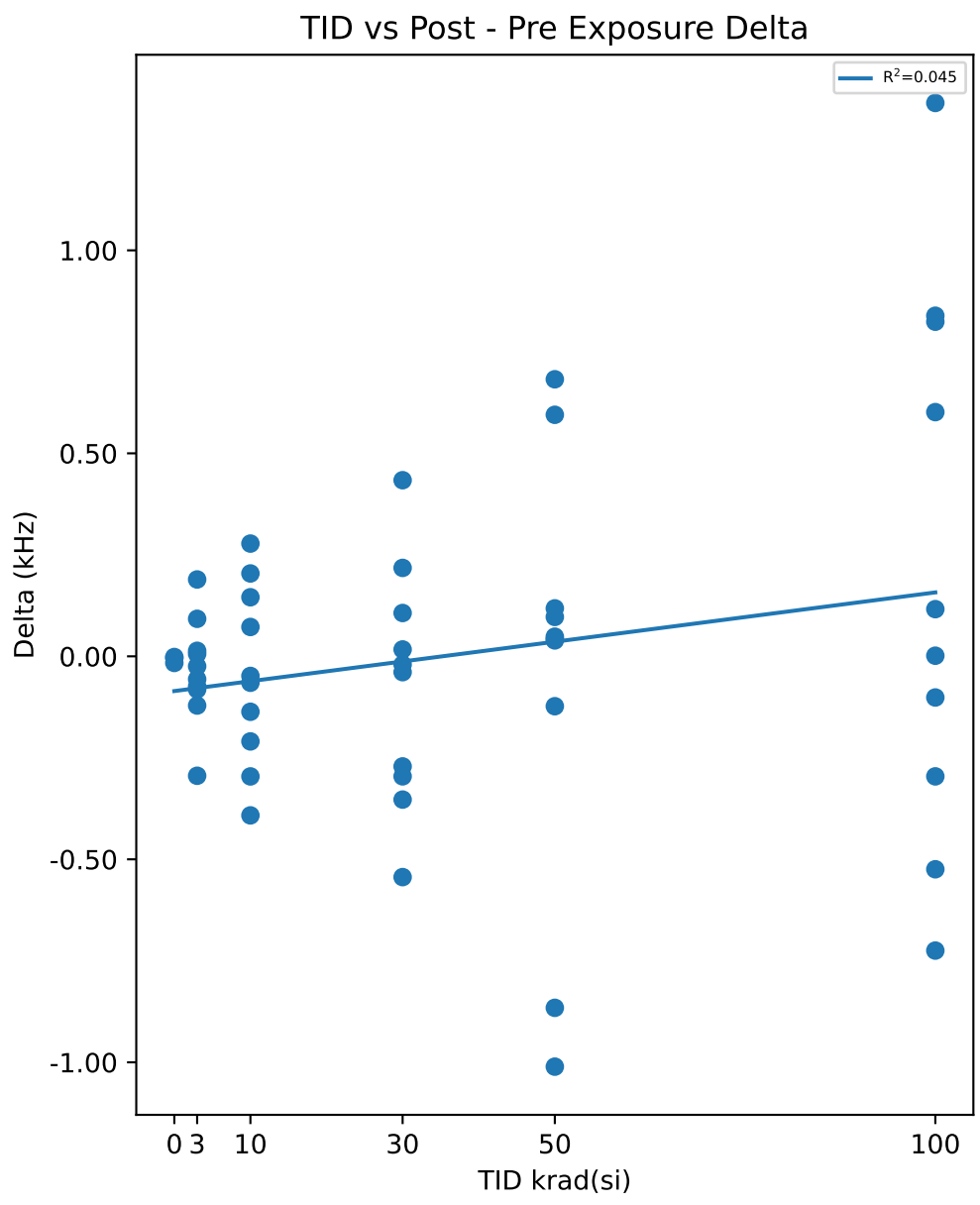
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.993	-0.0094
2	3	HDR BIAS	100	99.992	-0.01
3	3	HDR BIAS	100	99.995	-0.0083
4	3	HDR BIAS	100	99.992	-0.0095
5	3	HDR BIAS	100	99.992	-0.0118
6	3	HDR UNBIAS	100	99.993	-0.0088
7	3	HDR UNBIAS	100	99.993	-0.0095
8	3	HDR UNBIAS	100	99.994	-0.0077
9	3	HDR UNBIAS	100	99.993	-0.0105
10	3	HDR UNBIAS	100	99.993	-0.0097
11	10	HDR BIAS	100	99.991	-0.0104
12	10	HDR BIAS	100	99.995	-0.0069
13	10	HDR BIAS	100	99.992	-0.0087
14	10	HDR BIAS	100	99.992	-0.0099
15	10	HDR BIAS	100	99.993	-0.0101
16	10	HDR UNBIAS	100	99.993	-0.0102
17	10	HDR UNBIAS	100	99.992	-0.0119
18	10	HDR UNBIAS	100	99.995	-0.0065
19	10	HDR UNBIAS	100	99.994	-0.0084
20	10	HDR UNBIAS	100	99.991	-0.0117
31	30	HDR BIAS	100	99.994	-0.0067
32	30	HDR BIAS	100	99.992	-0.0095
33	30	HDR BIAS	100	99.995	-0.0089
34	30	HDR BIAS	100	99.992	-0.0099
35	30	HDR BIAS	100	99.992	-0.0112
36	30	HDR UNBIAS	100	99.994	-0.0075
37	30	HDR UNBIAS	100	99.994	-0.0081
38	30	HDR UNBIAS	100	99.993	-0.0099
39	30	HDR UNBIAS	100	99.993	-0.0085
40	30	HDR UNBIAS	100	99.992	-0.0094
41	50	HDR BIAS	100	99.993	-0.009
42	50	HDR BIAS	100	99.994	-0.0091
43	50	HDR BIAS	100	99.993	-0.0081
44	50	HDR BIAS	100	99.994	-0.0074
45	50	HDR BIAS	100	99.995	-0.0067
46	50	HDR UNBIAS	100	99.994	-0.0068
47	50	HDR UNBIAS	100	99.991	-0.012
48	50	HDR UNBIAS	100	99.995	-0.009
49	50	HDR UNBIAS	100	99.994	-0.0087
50	50	HDR UNBIAS	100	99.993	-0.01
51	100	HDR BIAS	100	99.995	-0.0084
52	100	HDR BIAS	99.949	99.994	0.0449
53	100	HDR BIAS	100	99.991	-0.0098
54	100	HDR BIAS	100	99.995	-0.0068
55	100	HDR BIAS	100	99.994	-0.0086
56	100	HDR UNBIAS	100	99.993	-0.0092
57	100	HDR UNBIAS	100	99.995	-0.0089
58	100	HDR UNBIAS	100	99.994	-0.0073
59	100	HDR UNBIAS	100	99.991	-0.0122
60	100	HDR UNBIAS	100	99.993	-0.0115
71	0	CORRELATION	100	99.995	-0.0064
72	0	CORRELATION	100	99.991	-0.0119
73	0	CORRELATION	100	99.993	-0.0074

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.0010116	99.991	99.993	99.995	0.0019553	-0.0119	-0.0085667	-0.0064	0.0029297
3	100	100	100	0.00075931	99.992	99.993	99.995	0.00098257	-0.0118	-0.00952	-0.0077	0.0011429
10	100	100	100	0.00090437	99.991	99.993	99.995	0.0014825	-0.0119	-0.00947	-0.0065	0.0018264
30	100	100	100	0.00092526	99.992	99.993	99.995	0.0010723	-0.0112	-0.00896	-0.0067	0.0013108
50	100	100	100	0.0011778	99.991	99.994	99.995	0.0012313	-0.012	-0.00868	-0.0067	0.0015838
100	99.949	99.997	100	0.01692	99.991	99.993	99.995	0.0013624	-0.0122	-0.00378	0.0449	0.017186

Device Test: 20.75 LEVEL|FREQ/RT/12/12/0/1000/5/100kHz//@FSW_EXT_RT_A





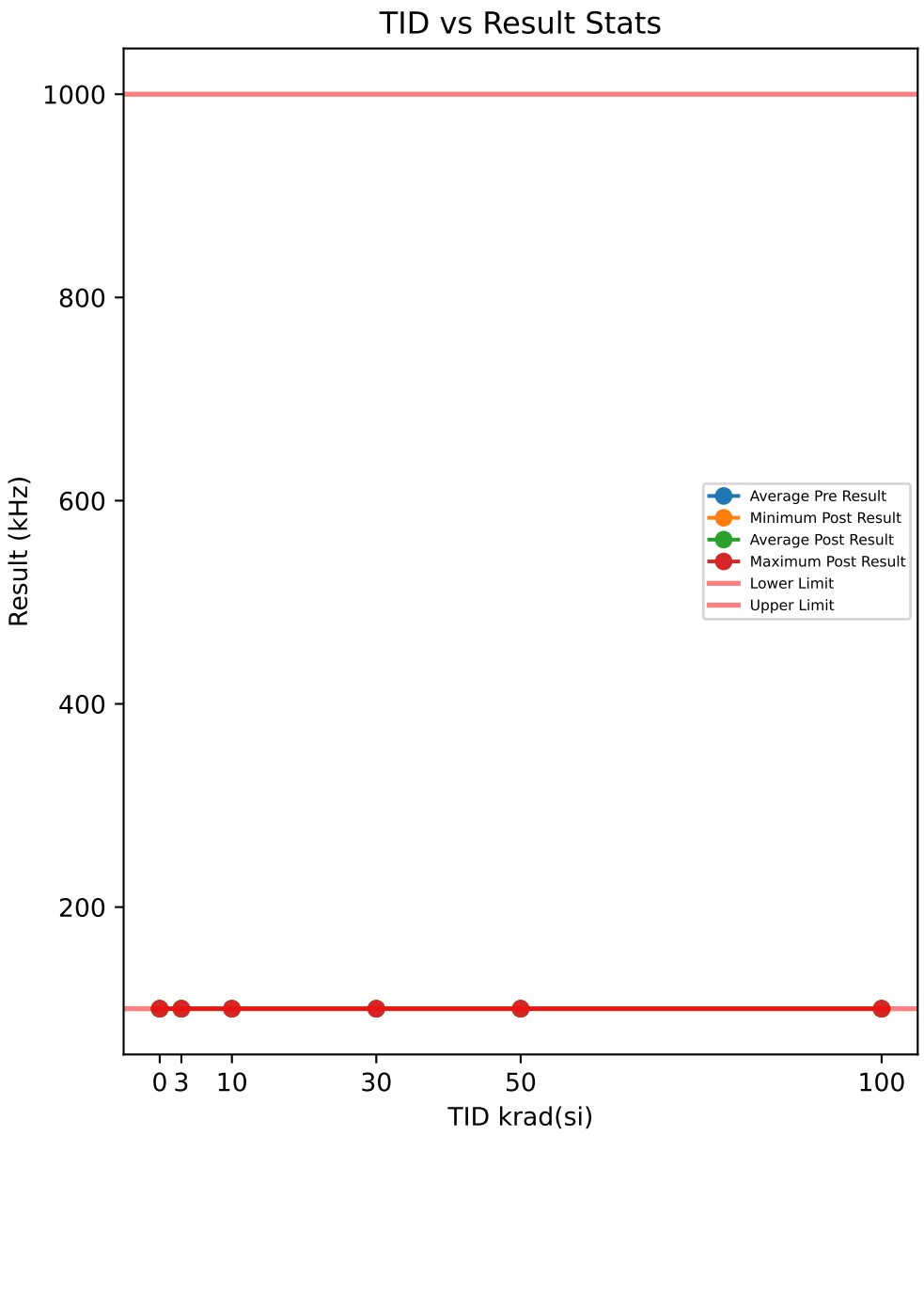
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

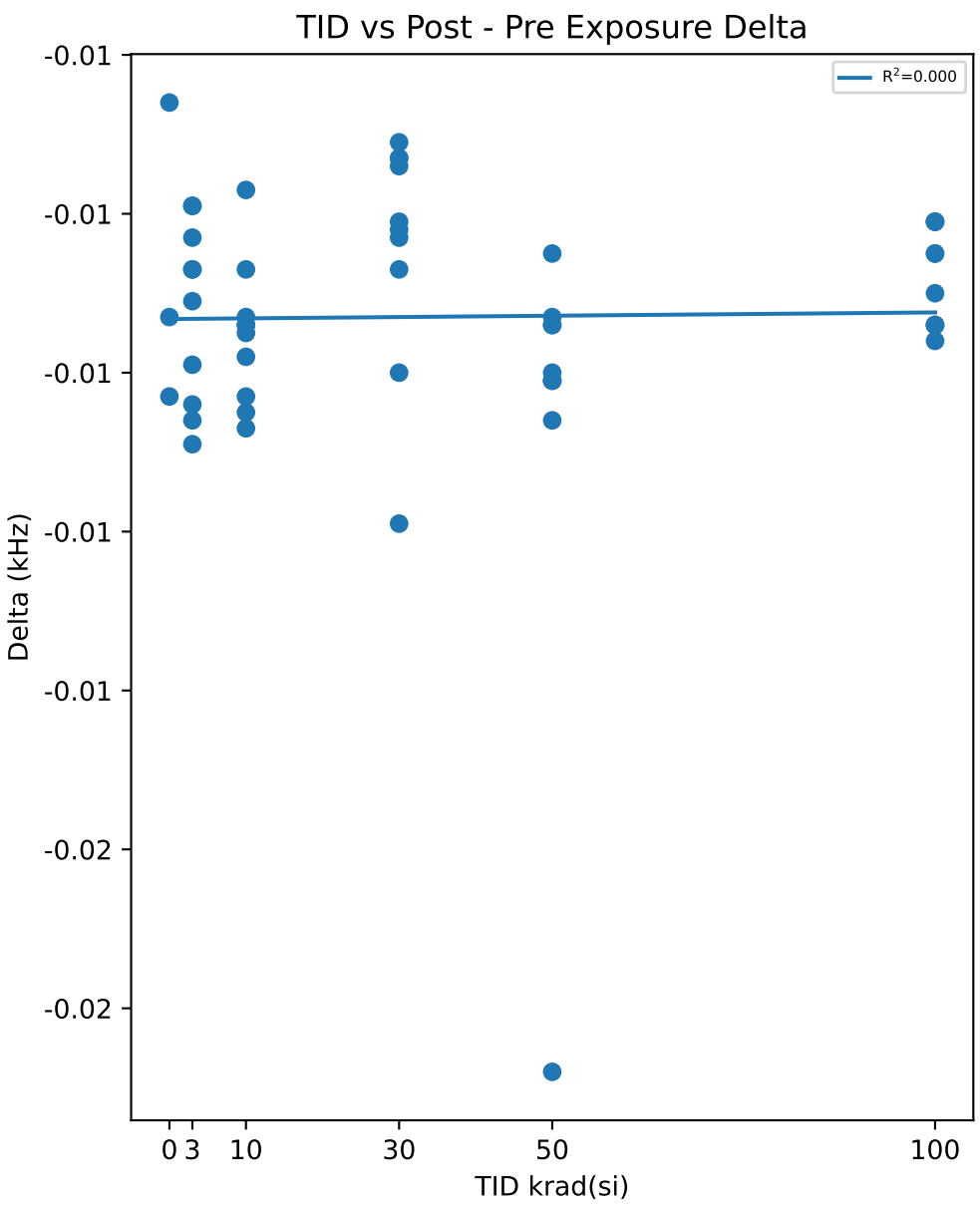
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.541	93.634	0.0924
2	3	HDR BIAS	97.485	97.403	-0.0815
3	3	HDR BIAS	92.859	92.737	-0.1212
4	3	HDR BIAS	95.969	95.975	0.0059
5	3	HDR BIAS	93.078	93.092	0.0136
6	3	HDR UNBIAS	93.103	93.078	-0.0245
7	3	HDR UNBIAS	95.303	95.246	-0.0563
8	3	HDR UNBIAS	94.341	94.53	0.1893
9	3	HDR UNBIAS	95.274	94.98	-0.2942
10	3	HDR UNBIAS	95.635	95.561	-0.0742
11	10	HDR BIAS	94.733	94.937	0.2041
12	10	HDR BIAS	94.303	94.255	-0.0483
13	10	HDR BIAS	94.747	94.892	0.1455
14	10	HDR BIAS	94.841	95.119	0.2777
15	10	HDR BIAS	92.883	92.746	-0.1366
16	10	HDR UNBIAS	93.028	93.1	0.0723
17	10	HDR UNBIAS	93.501	93.109	-0.3918
18	10	HDR UNBIAS	95.73	95.434	-0.2958
19	10	HDR UNBIAS	95.408	95.343	-0.0651
20	10	HDR UNBIAS	94.292	94.083	-0.2096
31	30	HDR BIAS	93.756	94.19	0.4338
32	30	HDR BIAS	96.225	96.332	0.1067
33	30	HDR BIAS	93.366	93.346	-0.0203
34	30	HDR BIAS	90.353	90.001	-0.3529
35	30	HDR BIAS	95.246	94.974	-0.2712
36	30	HDR UNBIAS	94.944	94.905	-0.039
37	30	HDR UNBIAS	94.772	94.989	0.2178
38	30	HDR UNBIAS	92.88	92.897	0.0169
39	30	HDR UNBIAS	95.913	95.618	-0.2956
40	30	HDR UNBIAS	93.97	93.426	-0.5438
41	50	HDR BIAS	93.812	93.689	-0.1229
42	50	HDR BIAS	96.098	95.232	-0.8658
43	50	HDR BIAS	92.585	92.624	0.0392
44	50	HDR BIAS	94.925	94.974	0.0484
45	50	HDR BIAS	92.612	92.73	0.1181
46	50	HDR UNBIAS	95.238	95.335	0.097
47	50	HDR UNBIAS	94.179	94.222	0.0432
48	50	HDR UNBIAS	95.384	94.373	-1.0107
49	50	HDR UNBIAS	93.393	94.075	0.6824
50	50	HDR UNBIAS	94.411	95.005	0.5949
51	100	HDR BIAS	92.922	92.626	-0.2957
52	100	HDR BIAS	93.428	92.903	-0.5245
53	100	HDR BIAS	93.883	94.707	0.8242
54	100	HDR BIAS	95.665	95.781	0.1162
55	100	HDR BIAS	95.855	95.753	-0.1014
56	100	HDR UNBIAS	94.871	95.473	0.6015
57	100	HDR UNBIAS	94.754	96.117	1.363
58	100	HDR UNBIAS	94.401	95.24	0.8389
59	100	HDR UNBIAS	96.187	96.189	0.0015
60	100	HDR UNBIAS	96.394	95.669	-0.7248
71	0	CORRELATION	92.743	92.739	-0.0039
72	0	CORRELATION	93.967	93.951	-0.0163
73	0	CORRELATION	94.846	94.844	-0.0017

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.743	93.852	94.846	1.0565	92.739	93.845	94.844	1.0569	-0.0163	-0.0073	-0.0017	0.0078715
3	92.859	94.659	97.485	1.526	92.737	94.624	97.403	1.4991	-0.2942	-0.03507	0.1893	0.12886
10	92.883	94.347	95.73	0.95433	92.746	94.302	95.434	1.0068	-0.3918	-0.04476	0.2777	0.21993
30	90.353	94.143	96.225	1.7148	90.001	94.068	96.332	1.7878	-0.5438	-0.07476	0.4338	0.29336
50	92.585	94.264	96.098	1.1806	92.624	94.226	95.335	0.97446	-1.0107	-0.03762	0.6824	0.53962
100	92.922	94.836	96.394	1.1892	92.626	95.046	96.189	1.2763	-0.7248	0.20989	1.363	0.67278

Device Test: 20.76 LEVEL|FREQ/SYNC/12/12/0/1000/5/100kHz//@FREQ_SYNC_EXT





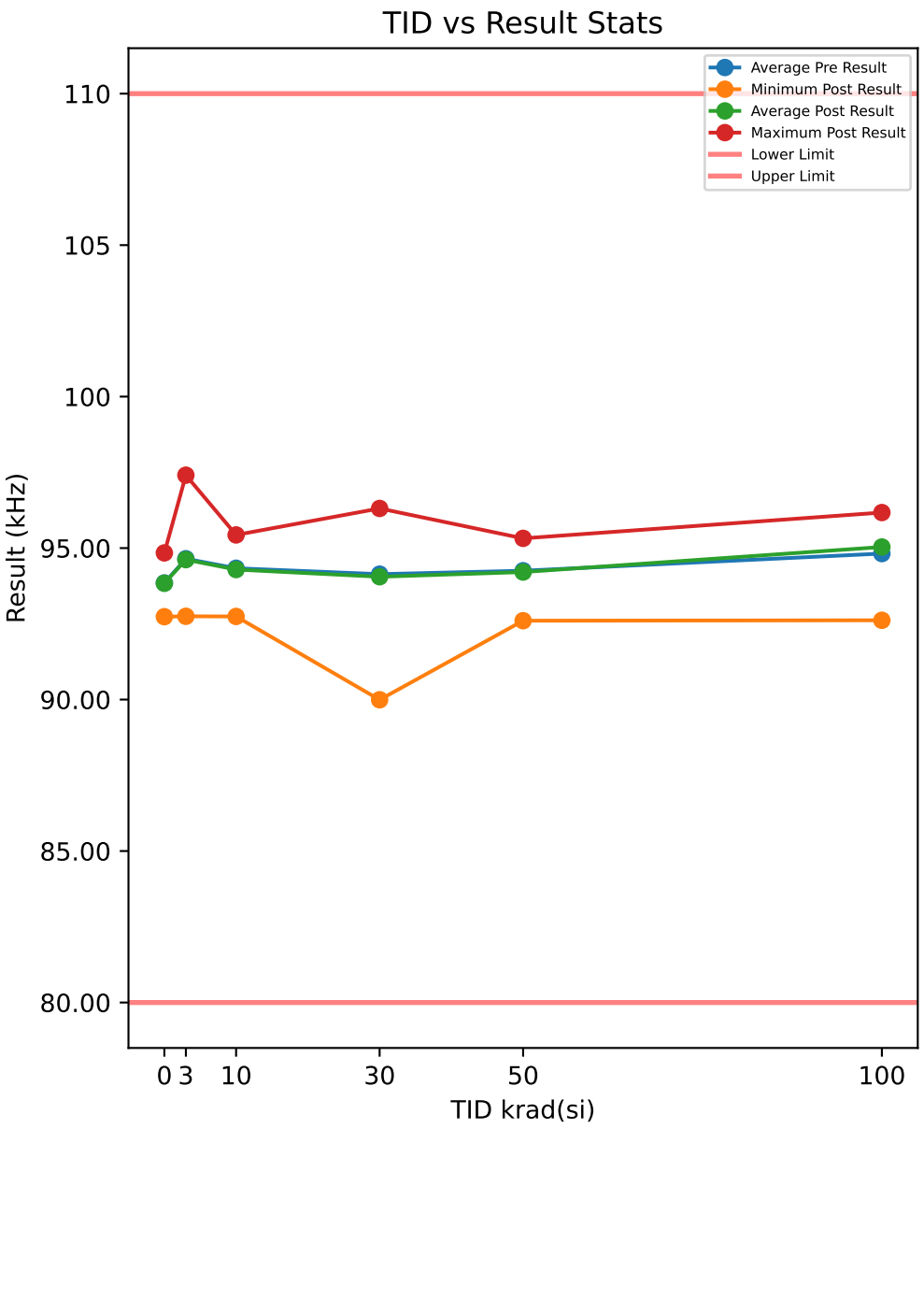
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

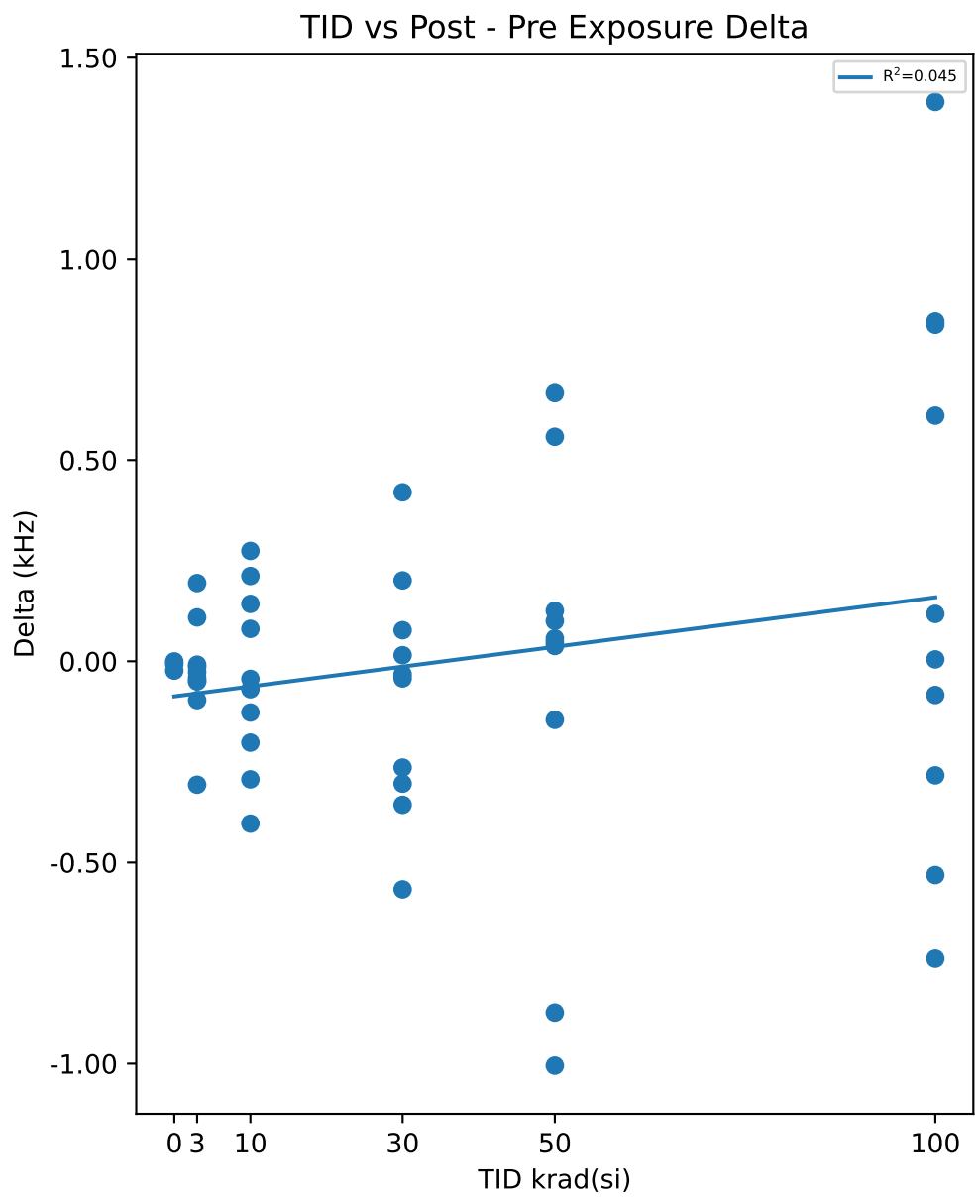
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.992	-0.0104
2	3	HDR BIAS	100	99.992	-0.0109
3	3	HDR BIAS	100	99.995	-0.0087
4	3	HDR BIAS	100	99.993	-0.0099
5	3	HDR BIAS	100	99.993	-0.0091
6	3	HDR UNBIAS	100	99.993	-0.0083
7	3	HDR UNBIAS	100	99.992	-0.0106
8	3	HDR UNBIAS	100	99.993	-0.0087
9	3	HDR UNBIAS	100	99.995	-0.0079
10	3	HDR UNBIAS	100	99.993	-0.0079
11	10	HDR BIAS	100	99.993	-0.0094
12	10	HDR BIAS	100	99.995	-0.0093
13	10	HDR BIAS	100	99.993	-0.0094
14	10	HDR BIAS	100	99.993	-0.0095
15	10	HDR BIAS	100	99.993	-0.0098
16	10	HDR UNBIAS	100	99.993	-0.0105
17	10	HDR UNBIAS	100	99.992	-0.0107
18	10	HDR UNBIAS	100	99.993	-0.0087
19	10	HDR UNBIAS	100	99.993	-0.0077
20	10	HDR UNBIAS	100	99.992	-0.0103
31	30	HDR BIAS	100	99.994	-0.0071
32	30	HDR BIAS	100	99.991	-0.0119
33	30	HDR BIAS	100	99.994	-0.0074
34	30	HDR BIAS	100	99.992	-0.0083
35	30	HDR BIAS	100	99.991	-0.01
36	30	HDR UNBIAS	100	99.993	-0.0082
37	30	HDR UNBIAS	100	99.994	-0.0081
38	30	HDR UNBIAS	100	99.993	-0.0087
39	30	HDR UNBIAS	100	99.994	-0.0073
40	30	HDR UNBIAS	100	99.993	-0.0073
41	50	HDR BIAS	100	99.993	-0.0101
42	50	HDR BIAS	100	99.994	-0.0085
43	50	HDR BIAS	100	99.993	-0.0101
44	50	HDR BIAS	100	99.984	-0.0188
45	50	HDR BIAS	100	99.994	-0.01
46	50	HDR UNBIAS	100	99.993	-0.0094
47	50	HDR UNBIAS	100	99.992	-0.0106
48	50	HDR UNBIAS	100	99.993	-0.0093
49	50	HDR UNBIAS	100	99.992	-0.0094
50	50	HDR UNBIAS	100	99.991	-0.0101
51	100	HDR BIAS	100	99.993	-0.009
52	100	HDR BIAS	100	99.994	-0.0081
53	100	HDR BIAS	100	99.991	-0.0096
54	100	HDR BIAS	100	99.993	-0.0094
55	100	HDR BIAS	100	99.994	-0.0085
56	100	HDR UNBIAS	100	99.992	-0.0094
57	100	HDR UNBIAS	100	99.994	-0.0081
58	100	HDR UNBIAS	100	99.994	-0.0081
59	100	HDR UNBIAS	100	99.993	-0.0094
60	100	HDR UNBIAS	100	99.995	-0.0085
71	0	CORRELATION	100	99.993	-0.0103
72	0	CORRELATION	100	99.993	-0.0093
73	0	CORRELATION	100	99.995	-0.0066

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.00091652	99.993	99.994	99.995	0.001159	-0.0103	-0.0087333	-0.0066	0.001914
3	100	100	100	0.0008203	99.992	99.993	99.995	0.0011253	-0.0109	-0.00924	-0.0079	0.0011286
10	100	100	100	0.00097297	99.992	99.993	99.995	0.00080007	-0.0107	-0.00953	-0.0077	0.00088826
30	100	100	100	0.00074952	99.991	99.993	99.994	0.0011406	-0.0119	-0.00843	-0.0071	0.001496
50	100	100	100	0.0006945	99.984	99.992	99.994	0.0028803	-0.0188	-0.01063	-0.0085	0.0029311
100	100	100	100	0.00066508	99.991	99.993	99.995	0.00099755	-0.0096	-0.00881	-0.0081	0.00061545

Device Test: 20.77 LEVEL|FREQ/RT/14/14/0/1000/5/100kHz//@FSW_EXT_RT_A





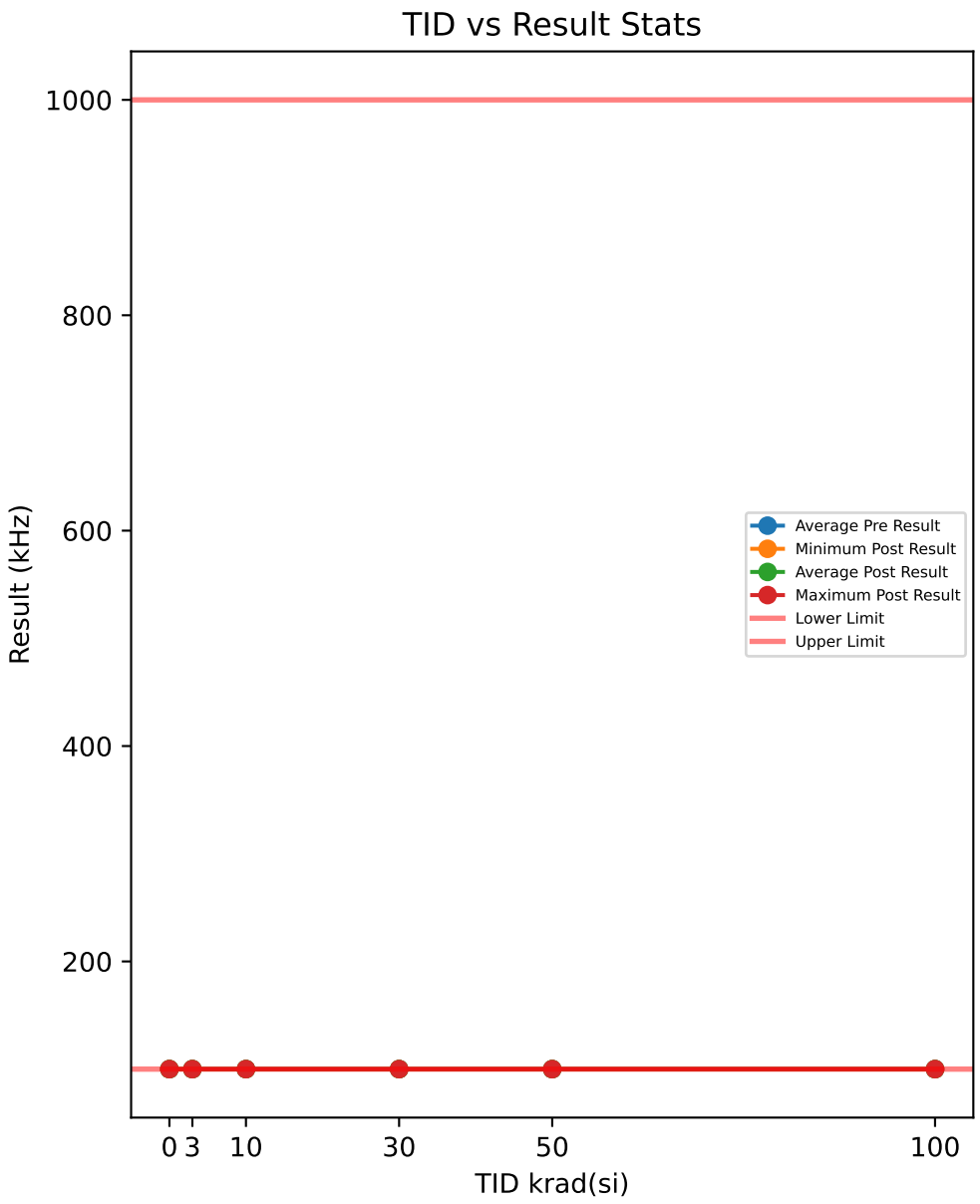
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

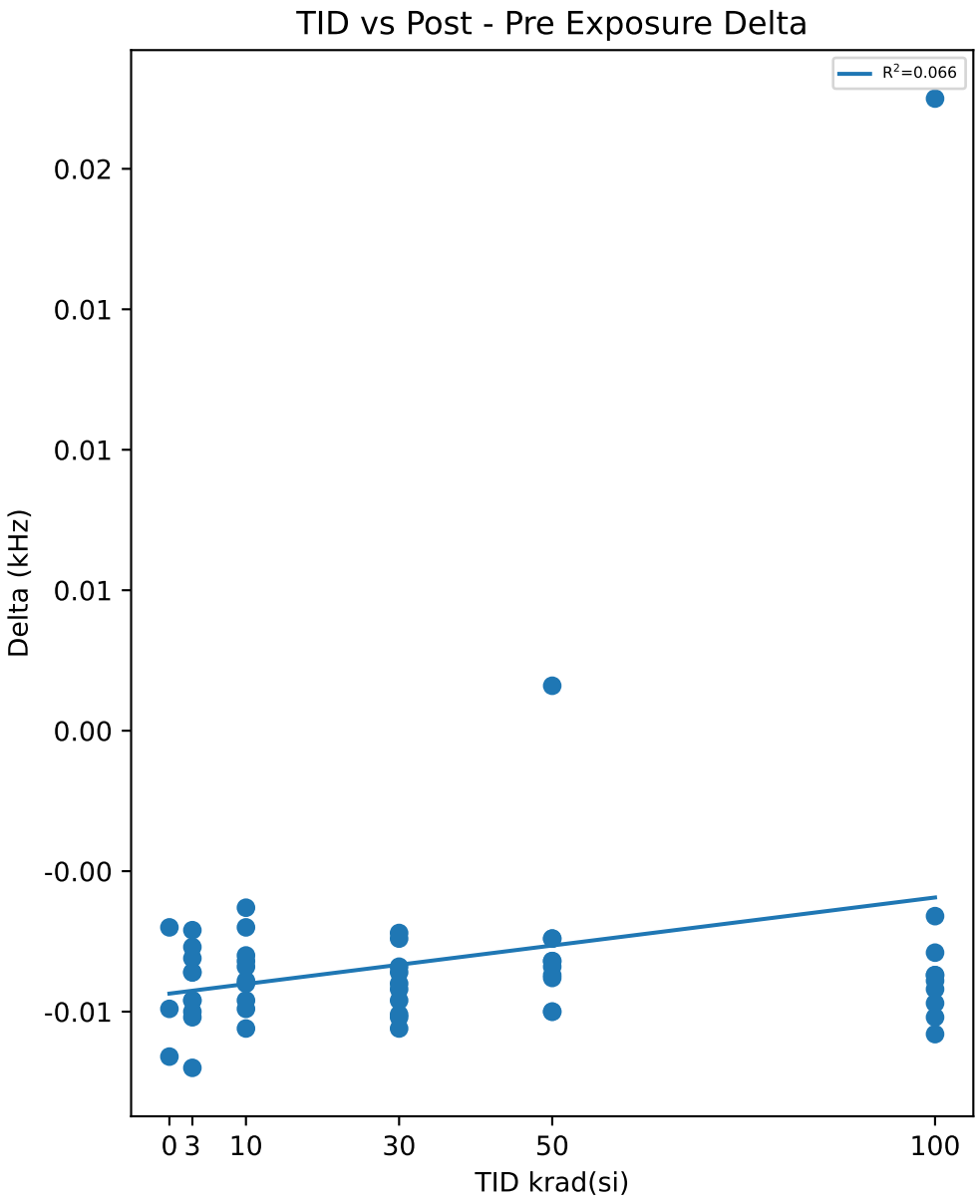
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	93.541	93.65	0.109
2	3	HDR BIAS	97.456	97.406	-0.05
3	3	HDR BIAS	92.845	92.748	-0.0965
4	3	HDR BIAS	95.977	95.963	-0.0143
5	3	HDR BIAS	93.076	93.067	-0.0084
6	3	HDR UNBIAS	93.1	93.073	-0.0267
7	3	HDR UNBIAS	95.281	95.232	-0.049
8	3	HDR UNBIAS	94.322	94.516	0.1943
9	3	HDR UNBIAS	95.27	94.963	-0.3067
10	3	HDR UNBIAS	95.61	95.568	-0.0412
11	10	HDR BIAS	94.716	94.928	0.2119
12	10	HDR BIAS	94.294	94.25	-0.0438
13	10	HDR BIAS	94.724	94.867	0.1426
14	10	HDR BIAS	94.823	95.097	0.2742
15	10	HDR BIAS	92.87	92.743	-0.1273
16	10	HDR UNBIAS	93	93.081	0.0806
17	10	HDR UNBIAS	93.5	93.097	-0.4034
18	10	HDR UNBIAS	95.728	95.434	-0.2934
19	10	HDR UNBIAS	95.404	95.335	-0.0694
20	10	HDR UNBIAS	94.283	94.081	-0.2021
31	30	HDR BIAS	93.741	94.161	0.4199
32	30	HDR BIAS	96.231	96.309	0.0772
33	30	HDR BIAS	93.372	93.329	-0.0426
34	30	HDR BIAS	90.349	89.993	-0.3567
35	30	HDR BIAS	95.229	94.965	-0.2641
36	30	HDR UNBIAS	94.93	94.898	-0.0322
37	30	HDR UNBIAS	94.777	94.978	0.2009
38	30	HDR UNBIAS	92.876	92.892	0.0151
39	30	HDR UNBIAS	95.916	95.612	-0.3041
40	30	HDR UNBIAS	93.971	93.404	-0.5669
41	50	HDR BIAS	93.815	93.67	-0.1455
42	50	HDR BIAS	96.092	95.219	-0.8731
43	50	HDR BIAS	92.565	92.603	0.038
44	50	HDR BIAS	94.905	94.962	0.0568
45	50	HDR BIAS	92.592	92.718	0.1255
46	50	HDR UNBIAS	95.221	95.321	0.1001
47	50	HDR UNBIAS	94.173	94.22	0.0469
48	50	HDR UNBIAS	95.362	94.357	-1.0049
49	50	HDR UNBIAS	93.391	94.057	0.6663
50	50	HDR UNBIAS	94.406	94.964	0.5579
51	100	HDR BIAS	92.9	92.617	-0.2834
52	100	HDR BIAS	93.414	92.883	-0.5312
53	100	HDR BIAS	93.85	94.694	0.8445
54	100	HDR BIAS	95.656	95.774	0.1177
55	100	HDR BIAS	95.829	95.745	-0.0838
56	100	HDR UNBIAS	94.844	95.454	0.6105
57	100	HDR UNBIAS	94.744	96.134	1.3899
58	100	HDR UNBIAS	94.383	95.22	0.8363
59	100	HDR UNBIAS	96.168	96.173	0.0047
60	100	HDR UNBIAS	96.399	95.66	-0.739
71	0	CORRELATION	92.736	92.735	-0.0003
72	0	CORRELATION	93.963	93.939	-0.0232
73	0	CORRELATION	94.848	94.841	-0.0071

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.736	93.849	94.848	1.0606	92.735	93.838	94.841	1.0562	-0.0232	-0.0102	-0.0003	0.011761
3	92.845	94.648	97.456	1.521	92.748	94.619	97.406	1.4989	-0.3067	-0.02895	0.1943	0.13005
10	92.87	94.334	95.728	0.95717	92.743	94.291	95.434	1.0064	-0.4034	-0.04301	0.2742	0.22136
30	90.349	94.139	96.231	1.7156	89.993	94.054	96.309	1.7861	-0.5669	-0.08535	0.4199	0.2913
50	92.565	94.252	96.092	1.1806	92.603	94.209	95.321	0.97359	-1.0049	-0.0432	0.6663	0.53359
100	92.9	94.819	96.399	1.1939	92.617	95.035	96.173	1.2801	-0.739	0.21662	1.3899	0.68129

Device Test: 20.78 LEVEL|FREQ/SYNC/14/14/0/1000/5/100kHz//@FREQ_SYNC_EXT





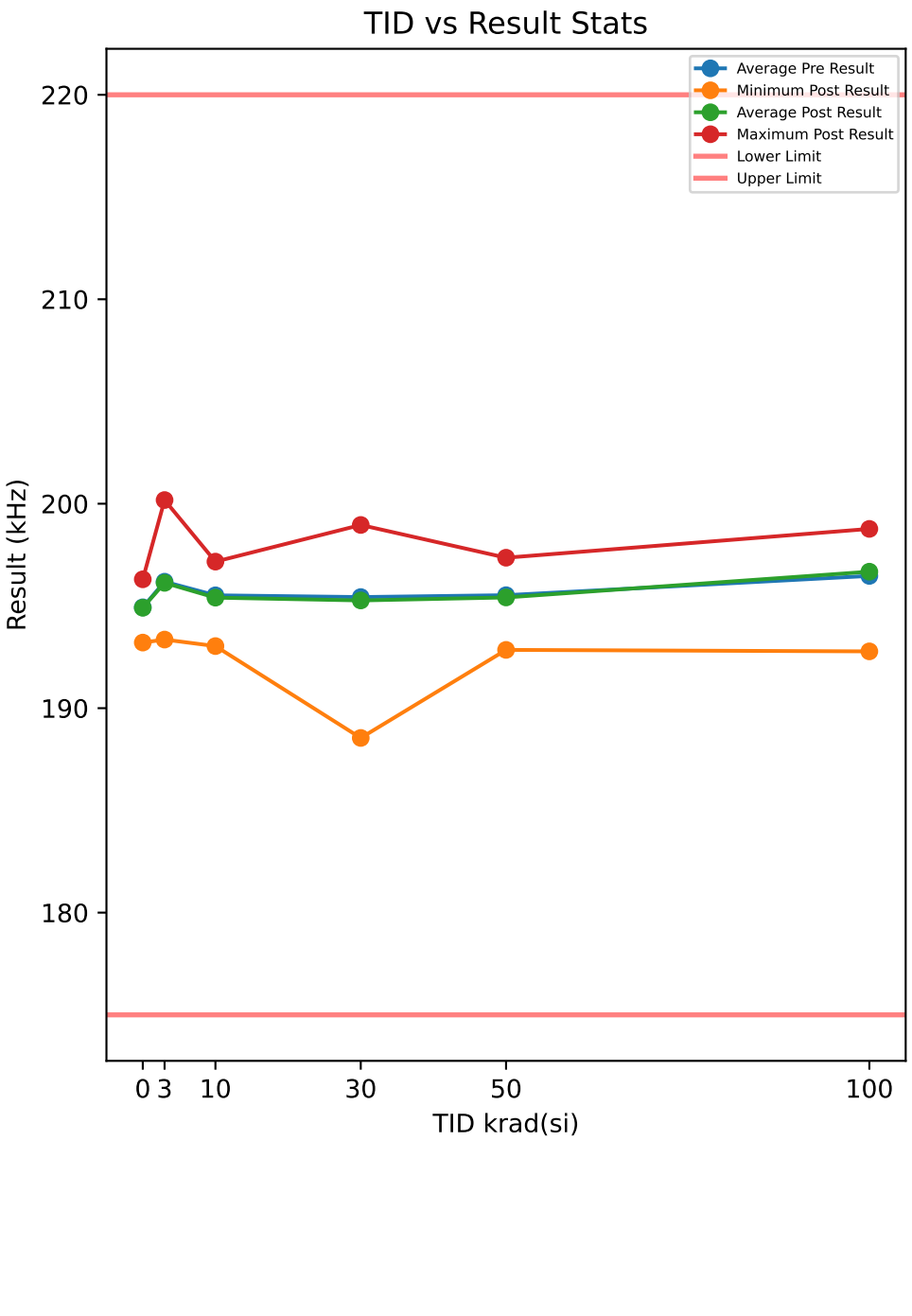
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

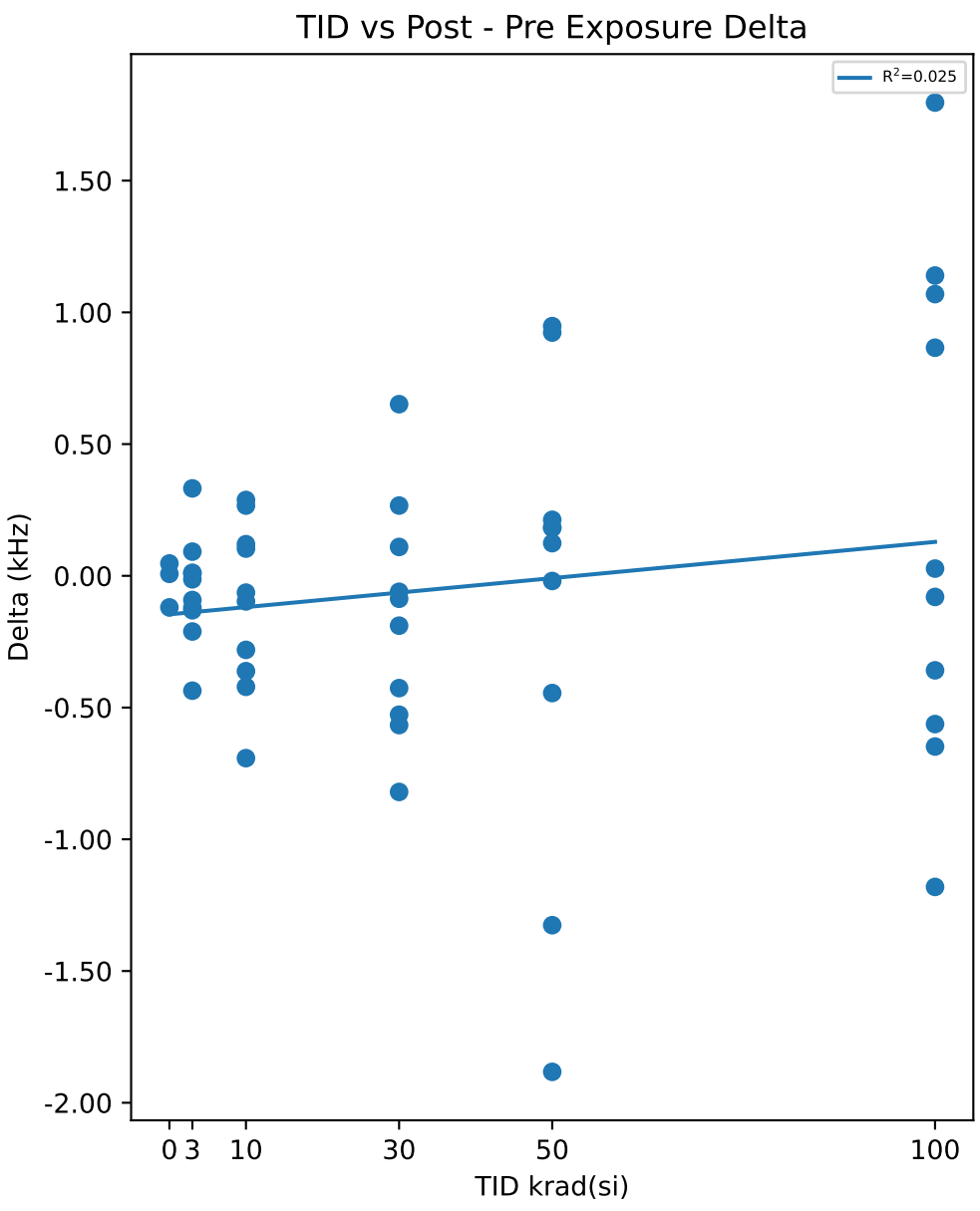
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	100	99.993	-0.0081
2	3	HDR BIAS	100	99.993	-0.0096
3	3	HDR BIAS	100	99.993	-0.0086
4	3	HDR BIAS	100	99.994	-0.0077
5	3	HDR BIAS	100	99.992	-0.012
6	3	HDR UNBIAS	100	99.995	-0.0071
7	3	HDR UNBIAS	100	99.993	-0.0086
8	3	HDR UNBIAS	100	99.993	-0.0096
9	3	HDR UNBIAS	100	99.993	-0.01
10	3	HDR UNBIAS	100	99.993	-0.0102
11	10	HDR BIAS	100	99.993	-0.0096
12	10	HDR BIAS	100	99.995	-0.007
13	10	HDR BIAS	100	99.993	-0.0089
14	10	HDR BIAS	100	99.992	-0.0106
15	10	HDR BIAS	100	99.994	-0.009
16	10	HDR UNBIAS	100	99.994	-0.0063
17	10	HDR UNBIAS	100	99.994	-0.0084
18	10	HDR UNBIAS	100	99.994	-0.0099
19	10	HDR UNBIAS	100	99.994	-0.0082
20	10	HDR UNBIAS	100	99.994	-0.008
31	30	HDR BIAS	100	99.992	-0.0092
32	30	HDR BIAS	100	99.993	-0.0102
33	30	HDR BIAS	100	99.993	-0.0096
34	30	HDR BIAS	100	99.993	-0.0084
35	30	HDR BIAS	100	99.992	-0.0106
36	30	HDR UNBIAS	100	99.993	-0.0101
37	30	HDR UNBIAS	100	99.994	-0.0086
38	30	HDR UNBIAS	100	99.994	-0.009
39	30	HDR UNBIAS	100	99.995	-0.0072
40	30	HDR UNBIAS	100	99.994	-0.0074
41	50	HDR BIAS	100	99.994	-0.0074
42	50	HDR BIAS	100	99.995	-0.0084
43	50	HDR BIAS	99.991	99.992	0.0016
44	50	HDR BIAS	100	99.993	-0.01
45	50	HDR BIAS	100	99.993	-0.0087
46	50	HDR UNBIAS	100	99.993	-0.0082
47	50	HDR UNBIAS	100	99.993	-0.01
48	50	HDR UNBIAS	100	99.995	-0.0082
49	50	HDR UNBIAS	100	99.993	-0.0074
50	50	HDR UNBIAS	100	99.993	-0.0088
51	100	HDR BIAS	99.972	99.995	0.0225
52	100	HDR BIAS	100	99.994	-0.0089
53	100	HDR BIAS	100	99.991	-0.0102
54	100	HDR BIAS	100	99.993	-0.0097
55	100	HDR BIAS	100	99.994	-0.0066
56	100	HDR UNBIAS	100	99.992	-0.0108
57	100	HDR UNBIAS	100	99.994	-0.0087
58	100	HDR UNBIAS	100	99.993	-0.0079
59	100	HDR UNBIAS	100	99.994	-0.0092
60	100	HDR UNBIAS	100	99.995	-0.0087
71	0	CORRELATION	100	99.993	-0.0099
72	0	CORRELATION	100	99.992	-0.0116
73	0	CORRELATION	100	99.995	-0.007

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	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	100	100	0.00075056	99.992	99.993	99.995	0.0015822	-0.0116	-0.0095	-0.007	0.0023259
3	100	100	100	0.00084912	99.992	99.993	99.995	0.00094187	-0.012	-0.00915	-0.0071	0.0014285
10	100	100	100	0.00074125	99.992	99.994	99.995	0.00085271	-0.0106	-0.00859	-0.0063	0.0013059
30	100	100	100	0.0007874	99.992	99.993	99.995	0.00073189	-0.0106	-0.00903	-0.0072	0.0011509
50	99.991	100	100	0.0036414	99.992	99.993	99.995	0.0009056	-0.01	-0.00755	0.0016	0.0033371
100	99.972	99.999	100	0.009563	99.991	99.993	99.995	0.0012186	-0.0108	-0.00582	0.0225	0.010019

Device Test: 20.79 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/200kHz//@FSW_EXT_RT_B





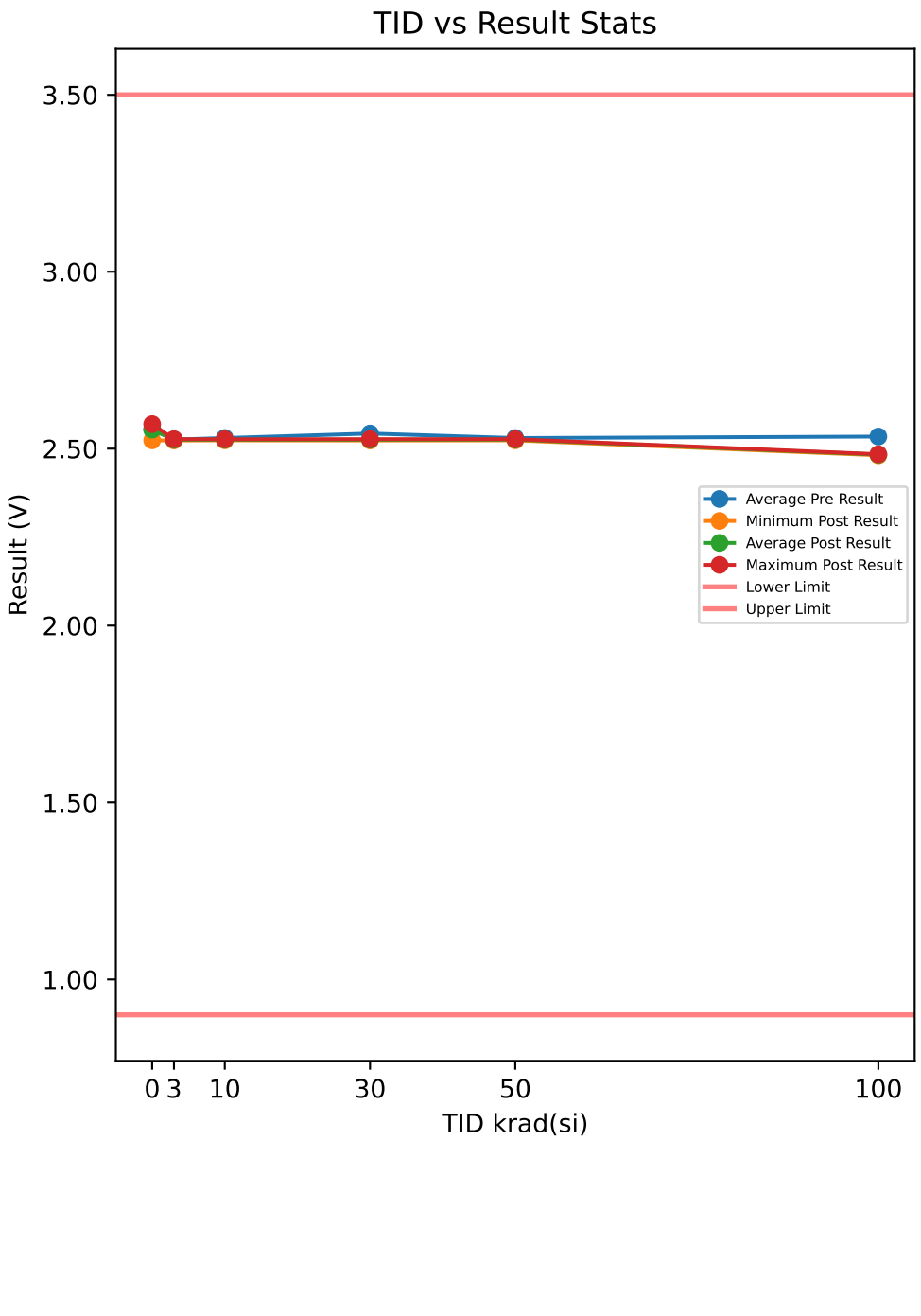
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

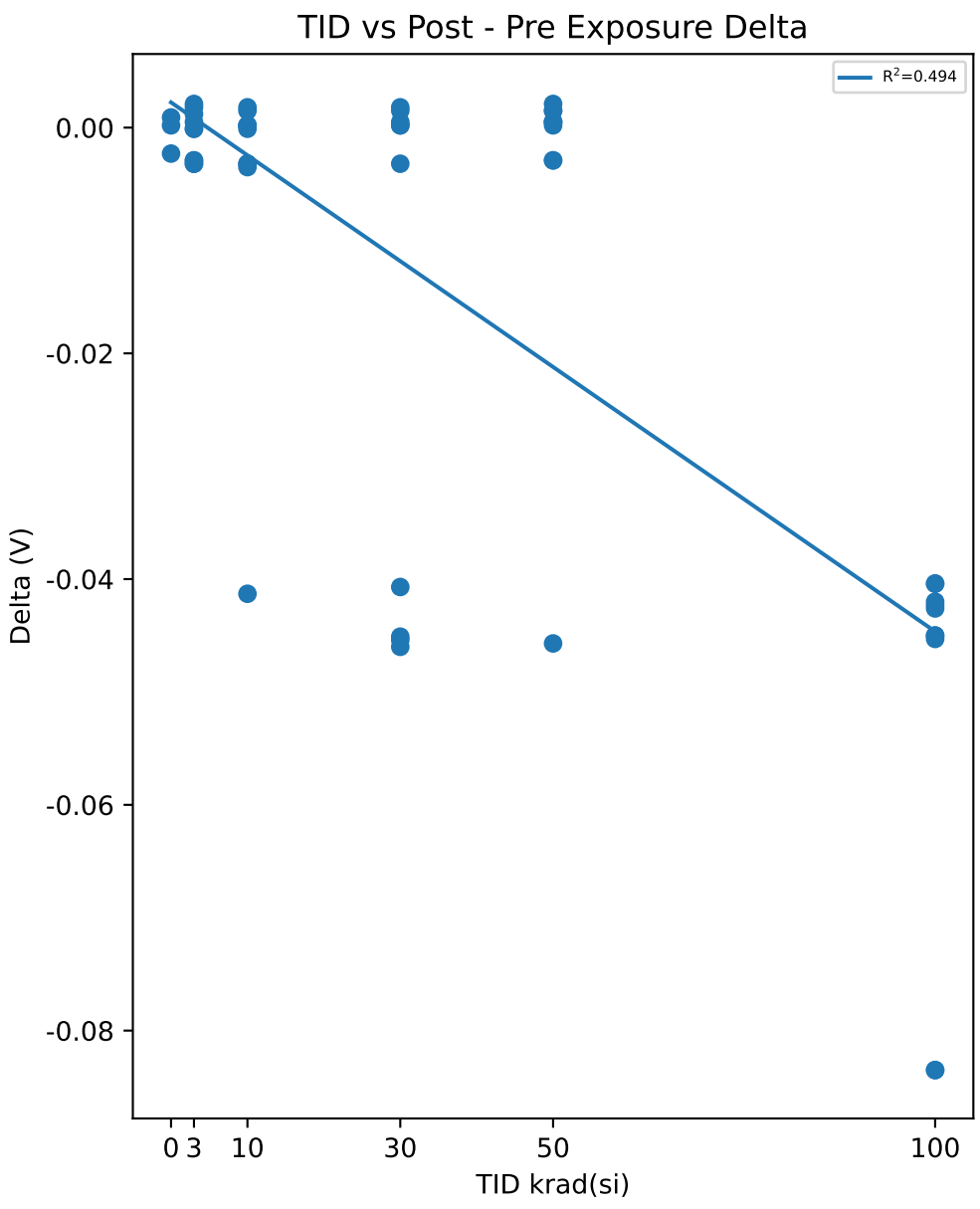
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	194.52	194.61	0.0918
2	3	HDR BIAS	200.3	200.18	-0.1206
3	3	HDR BIAS	193.57	193.36	-0.2113
4	3	HDR BIAS	197.95	197.96	0.0113
5	3	HDR BIAS	194.17	194.18	0.0102
6	3	HDR UNBIAS	193.75	193.66	-0.0917
7	3	HDR UNBIAS	197.21	197.2	-0.0133
8	3	HDR UNBIAS	195.83	196.16	0.3319
9	3	HDR UNBIAS	197.23	196.8	-0.436
10	3	HDR UNBIAS	197.32	197.19	-0.1308
11	10	HDR BIAS	196.23	196.5	0.2666
12	10	HDR BIAS	195.34	195.28	-0.0638
13	10	HDR BIAS	196.45	196.57	0.1201
14	10	HDR BIAS	196.01	196.29	0.2879
15	10	HDR BIAS	193.4	193.04	-0.3619
16	10	HDR UNBIAS	193.28	193.39	0.1034
17	10	HDR UNBIAS	194.03	193.34	-0.692
18	10	HDR UNBIAS	197.54	197.12	-0.4212
19	10	HDR UNBIAS	197.26	197.17	-0.0971
20	10	HDR UNBIAS	195.65	195.37	-0.281
31	30	HDR BIAS	194.47	195.12	0.6515
32	30	HDR BIAS	198.85	198.96	0.1096
33	30	HDR BIAS	194.07	193.88	-0.1892
34	30	HDR BIAS	189.07	188.54	-0.5271
35	30	HDR BIAS	197.11	196.54	-0.5665
36	30	HDR UNBIAS	197.01	196.92	-0.087
37	30	HDR UNBIAS	196.28	196.55	0.2667
38	30	HDR UNBIAS	193.84	193.78	-0.0606
39	30	HDR UNBIAS	198.52	198.09	-0.4262
40	30	HDR UNBIAS	195.12	194.3	-0.8203
41	50	HDR BIAS	194.9	194.46	-0.4449
42	50	HDR BIAS	198.06	196.73	-1.3261
43	50	HDR BIAS	192.67	192.85	0.184
44	50	HDR BIAS	196.68	196.8	0.124
45	50	HDR BIAS	192.88	193.09	0.2126
46	50	HDR UNBIAS	196.8	196.98	0.1817
47	50	HDR UNBIAS	195.49	195.47	-0.0196
48	50	HDR UNBIAS	196.82	194.94	-1.8827
49	50	HDR UNBIAS	194.52	195.47	0.9478
50	50	HDR UNBIAS	196.44	197.36	0.9233
51	100	HDR BIAS	193.34	192.78	-0.5627
52	100	HDR BIAS	193.94	193.29	-0.648
53	100	HDR BIAS	194.48	195.62	1.1398
54	100	HDR BIAS	197.98	198.01	0.0275
55	100	HDR BIAS	198	197.64	-0.3587
56	100	HDR UNBIAS	196.72	197.59	0.8658
57	100	HDR UNBIAS	196.25	198.05	1.7963
58	100	HDR UNBIAS	195.84	196.9	1.0693
59	100	HDR UNBIAS	198.85	198.77	-0.0801
60	100	HDR UNBIAS	199.28	198.1	-1.1808
71	0	CORRELATION	193.2	193.21	0.0075
72	0	CORRELATION	195.34	195.22	-0.1198
73	0	CORRELATION	196.26	196.3	0.0469

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	193.2	194.93	196.26	1.5678	193.21	194.91	196.3	1.5703	-0.1198	-0.0218	0.0469	0.087127
3	193.57	196.19	200.3	2.191	193.36	196.13	200.18	2.1691	-0.436	-0.05585	0.3319	0.20072
10	193.28	195.52	197.54	1.5095	193.04	195.41	197.17	1.6112	-0.692	-0.1139	0.2879	0.32129
30	189.07	195.43	198.85	2.85	188.54	195.27	198.96	2.9421	-0.8203	-0.16491	0.6515	0.43919
50	192.67	195.53	198.06	1.7779	192.85	195.42	197.36	1.5991	-1.8827	-0.10999	0.9478	0.89807
100	193.34	196.47	199.28	2.077	192.78	196.68	198.77	2.0984	-1.1808	0.20684	1.7963	0.95787

Device Test: 20.8 LEVEL|HIGH_LEVEL/SYNC/5.5/5.5/0/0/4.5/500kHz//@SYNC_VIH_TH_HIGH_4P5





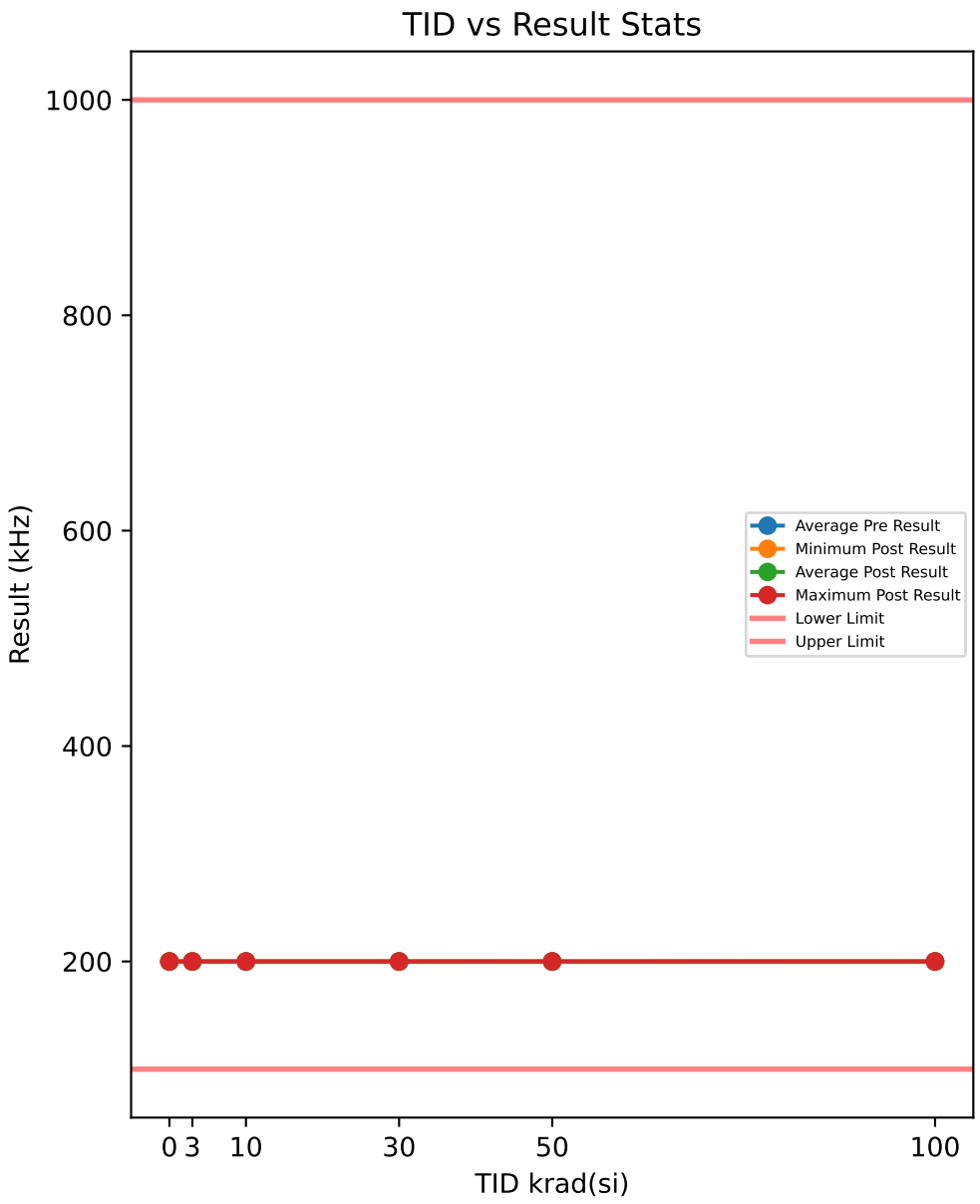
Test Results (Lower Limit = 0.9, Upper Limit = 3.5 (V))

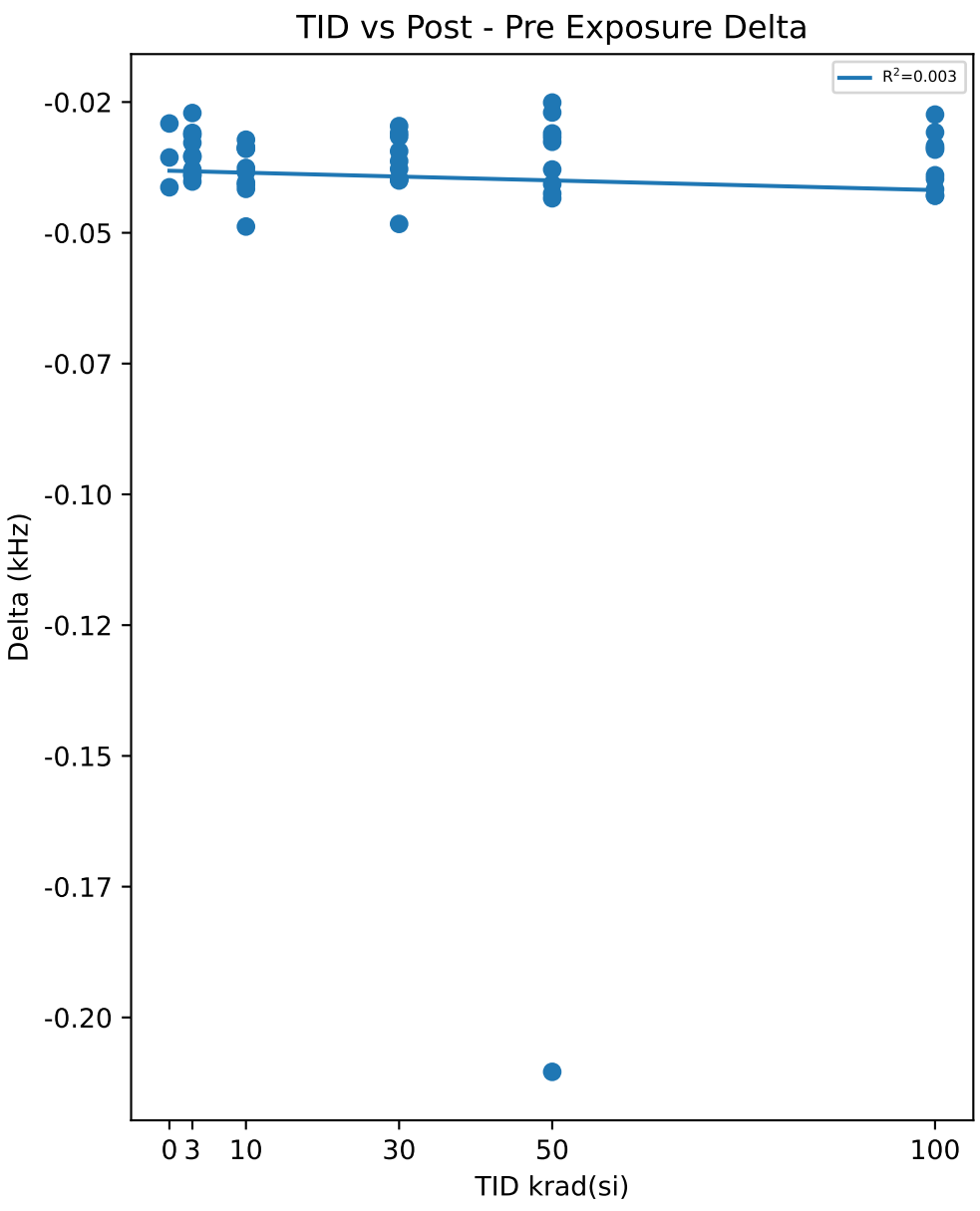
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.5266	2.5237	-0.0029
2	3	HDR BIAS	2.5257	2.5262	0.0005
3	3	HDR BIAS	2.5247	2.5268	0.0021
4	3	HDR BIAS	2.5263	2.5234	-0.0029
5	3	HDR BIAS	2.526	2.5259	-0.0001
6	3	HDR UNBIAS	2.525	2.5262	0.0012
7	3	HDR UNBIAS	2.5263	2.5231	-0.0032
8	3	HDR UNBIAS	2.5257	2.5256	-0.0001
9	3	HDR UNBIAS	2.5247	2.5265	0.0018
10	3	HDR UNBIAS	2.5266	2.5234	-0.0032
11	10	HDR BIAS	2.5257	2.5259	0.0002
12	10	HDR BIAS	2.5247	2.5265	0.0018
13	10	HDR BIAS	2.5266	2.5234	-0.0032
14	10	HDR BIAS	2.526	2.5259	-0.0001
15	10	HDR BIAS	2.525	2.5265	0.0015
16	10	HDR UNBIAS	2.5269	2.5234	-0.0035
17	10	HDR UNBIAS	2.5257	2.5259	0.0002
18	10	HDR UNBIAS	2.5675	2.5262	-0.0413
19	10	HDR UNBIAS	2.5266	2.5234	-0.0032
20	10	HDR UNBIAS	2.5257	2.5259	0.0002
31	30	HDR BIAS	2.5688	2.5234	-0.0454
32	30	HDR BIAS	2.5257	2.5262	0.0005
33	30	HDR BIAS	2.5675	2.5268	-0.0407
34	30	HDR BIAS	2.5688	2.5237	-0.0451
35	30	HDR BIAS	2.526	2.5262	0.0002
36	30	HDR UNBIAS	2.525	2.5265	0.0015
37	30	HDR UNBIAS	2.5691	2.5231	-0.046
38	30	HDR UNBIAS	2.526	2.5262	0.0002
39	30	HDR UNBIAS	2.5247	2.5265	0.0018
40	30	HDR UNBIAS	2.5266	2.5234	-0.0032
41	50	HDR BIAS	2.526	2.5262	0.0002
42	50	HDR BIAS	2.525	2.5265	0.0015
43	50	HDR BIAS	2.5691	2.5234	-0.0457
44	50	HDR BIAS	2.526	2.5265	0.0005
45	50	HDR BIAS	2.5247	2.5268	0.0021
46	50	HDR UNBIAS	2.5263	2.5234	-0.0029
47	50	HDR UNBIAS	2.5257	2.5262	0.0005
48	50	HDR UNBIAS	2.525	2.5265	0.0015
49	50	HDR UNBIAS	2.5266	2.5237	-0.0029
50	50	HDR UNBIAS	2.5257	2.5262	0.0005
51	100	HDR BIAS	2.5678	2.4843	-0.0835
52	100	HDR BIAS	2.5263	2.4813	-0.045
53	100	HDR BIAS	2.5257	2.4837	-0.042
54	100	HDR BIAS	2.5247	2.4843	-0.0404
55	100	HDR BIAS	2.5269	2.4816	-0.0453
56	100	HDR UNBIAS	2.526	2.4834	-0.0426
57	100	HDR UNBIAS	2.5247	2.4843	-0.0404
58	100	HDR UNBIAS	2.5266	2.4816	-0.045
59	100	HDR UNBIAS	2.5257	2.4834	-0.0423
60	100	HDR UNBIAS	2.5675	2.484	-0.0835
71	0	CORRELATION	2.5257	2.5234	-0.0023
72	0	CORRELATION	2.5678	2.5687	0.0009
73	0	CORRELATION	2.5691	2.5693	0.0002

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	2.5257	2.5542	2.5691	0.02469	2.5234	2.5538	2.5693	0.026329	-0.0023	-0.0004	0.0009	0.0016823
3	2.5247	2.5258	2.5266	0.00073666	2.5231	2.5251	2.5268	0.0014868	-0.0032	-0.00068	0.0021	0.0021612
10	2.5247	2.53	2.5675	0.01318	2.5234	2.5253	2.5265	0.0013317	-0.0413	-0.00474	0.0018	0.012993
30	2.5247	2.5428	2.5691	0.022155	2.5231	2.5252	2.5268	0.0015663	-0.046	-0.01762	0.0018	0.023044
50	2.5247	2.53	2.5691	0.013748	2.5234	2.5255	2.5268	0.0014222	-0.0457	-0.00447	0.0021	0.014588
100	2.5247	2.5342	2.5678	0.01765	2.4813	2.4832	2.4843	0.001217	-0.0835	-0.051	-0.0404	0.017221

Device Test: 20.80 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/200kHz//@FREQ_SYNC_EXT





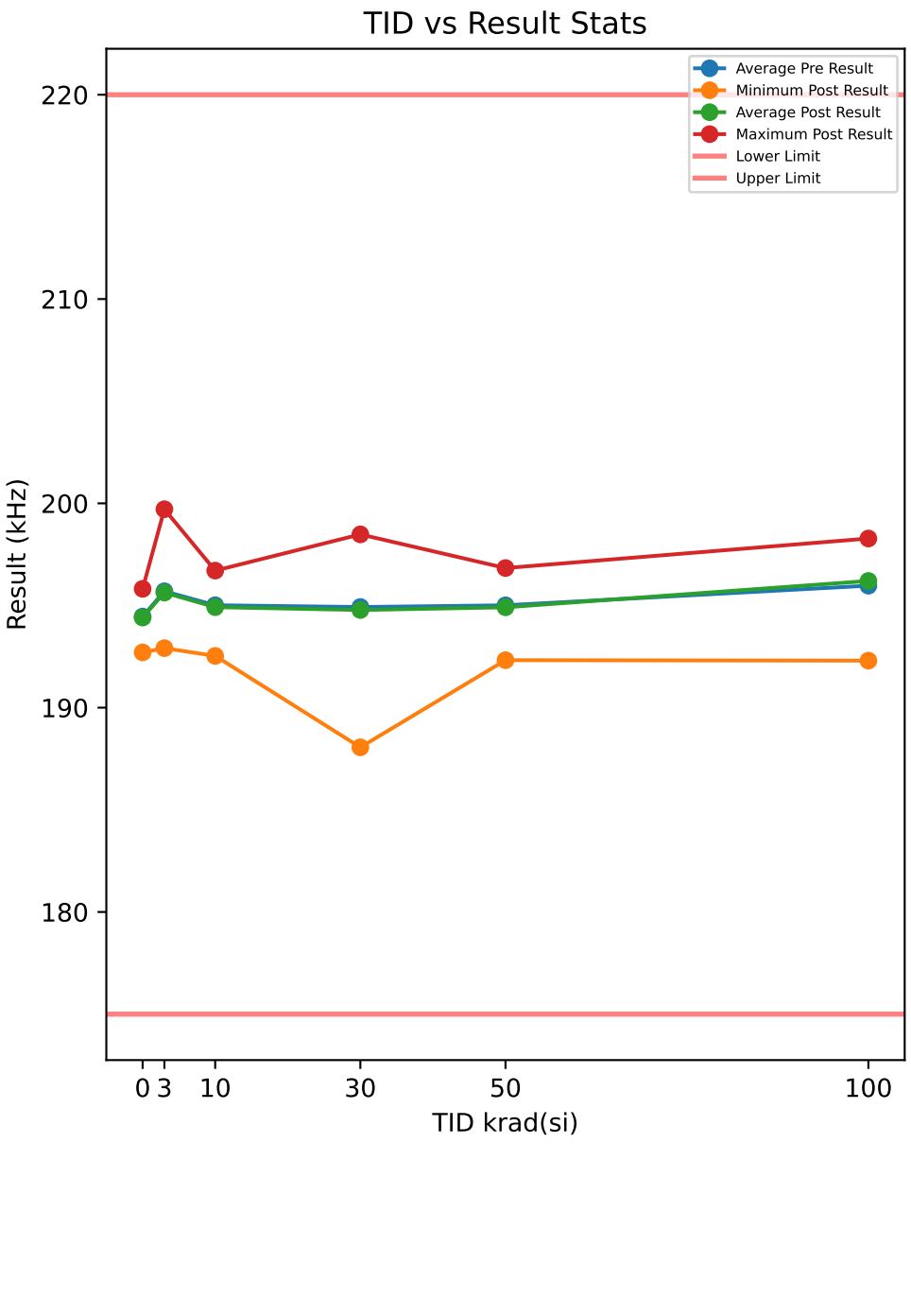
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

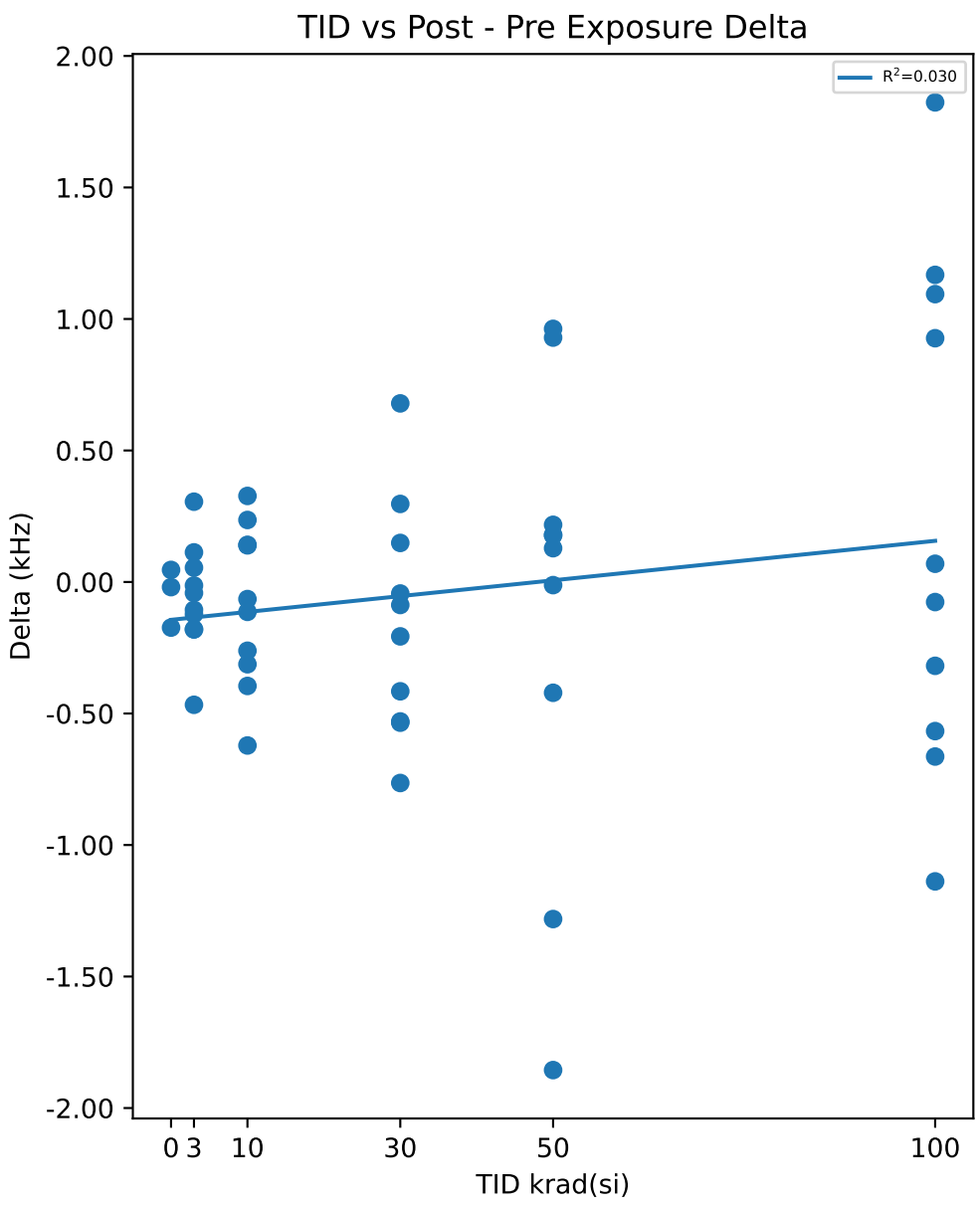
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200.01	199.97	-0.0391
2	3	HDR BIAS	200.01	199.97	-0.0328
3	3	HDR BIAS	200.02	199.98	-0.0355
4	3	HDR BIAS	200.01	199.97	-0.0353
5	3	HDR BIAS	200.01	199.97	-0.0309
6	3	HDR UNBIAS	200.01	199.97	-0.0402
7	3	HDR UNBIAS	200.01	199.98	-0.0313
8	3	HDR UNBIAS	200.01	199.97	-0.0388
9	3	HDR UNBIAS	200.01	199.97	-0.0379
10	3	HDR UNBIAS	200	199.98	-0.0271
11	10	HDR BIAS	200.02	199.97	-0.0488
12	10	HDR BIAS	200.01	199.97	-0.0416
13	10	HDR BIAS	200.01	199.97	-0.0404
14	10	HDR BIAS	200.01	199.97	-0.0384
15	10	HDR BIAS	200.01	199.97	-0.0322
16	10	HDR UNBIAS	200.01	199.98	-0.0339
17	10	HDR UNBIAS	200.01	199.97	-0.0336
18	10	HDR UNBIAS	200.01	199.97	-0.0408
19	10	HDR UNBIAS	200	199.97	-0.0339
20	10	HDR UNBIAS	200	199.97	-0.0376
31	30	HDR BIAS	200.01	199.98	-0.0344
32	30	HDR BIAS	200.01	199.97	-0.0316
33	30	HDR BIAS	200.01	199.98	-0.0397
34	30	HDR BIAS	200.01	199.98	-0.0296
35	30	HDR BIAS	200.01	199.97	-0.0398
36	30	HDR UNBIAS	200.01	199.97	-0.04
37	30	HDR UNBIAS	200	199.97	-0.0309
38	30	HDR UNBIAS	200.01	199.97	-0.0483
39	30	HDR UNBIAS	200.01	199.97	-0.0378
40	30	HDR UNBIAS	200.01	199.97	-0.0363
41	50	HDR BIAS	200.01	199.98	-0.0317
42	50	HDR BIAS	200.01	199.8	-0.2104
43	50	HDR BIAS	200	199.98	-0.027
44	50	HDR BIAS	200	199.97	-0.031
45	50	HDR BIAS	200.01	199.98	-0.0326
46	50	HDR UNBIAS	200	199.98	-0.0251
47	50	HDR UNBIAS	200.01	199.97	-0.0379
48	50	HDR UNBIAS	200.02	199.97	-0.0425
49	50	HDR UNBIAS	200.01	199.97	-0.0434
50	50	HDR UNBIAS	200.02	199.97	-0.0407
51	100	HDR BIAS	200.01	199.97	-0.0429
52	100	HDR BIAS	200	199.97	-0.0341
53	100	HDR BIAS	200.01	199.98	-0.039
54	100	HDR BIAS	200.01	199.98	-0.0274
55	100	HDR BIAS	200.01	199.97	-0.0417
56	100	HDR UNBIAS	200.01	199.97	-0.0429
57	100	HDR UNBIAS	200	199.97	-0.0308
58	100	HDR UNBIAS	200	199.97	-0.0338
59	100	HDR UNBIAS	200.01	199.97	-0.0397
60	100	HDR UNBIAS	200.01	199.98	-0.0334
71	0	CORRELATION	200.01	199.98	-0.0291
72	0	CORRELATION	200.01	199.97	-0.0413
73	0	CORRELATION	200.01	199.97	-0.0356

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200.01	200.01	200.01	0.0043466	199.97	199.97	199.98	0.0019975	-0.0413	-0.035333	-0.0291	0.0061044
3	200	200.01	200.02	0.0036726	199.97	199.97	199.98	0.0030887	-0.0402	-0.03489	-0.0271	0.0042774
10	200	200.01	200.02	0.0042094	199.97	199.97	199.98	0.0030079	-0.0488	-0.03812	-0.0322	0.0050552
30	200	200.01	200.01	0.0046165	199.97	199.97	199.98	0.0041118	-0.0483	-0.03684	-0.0296	0.0055835
50	200	200.01	200.02	0.0046625	199.8	199.96	199.98	0.05481	-0.2104	-0.05223	-0.0251	0.055935
100	200	200.01	200.01	0.004671	199.97	199.97	199.98	0.0044089	-0.0429	-0.03657	-0.0274	0.0054095

Device Test: 20.81 LEVEL|FREQ/RT/5/5/0/1000/5/200kHz//@FSW_EXT_RT_B





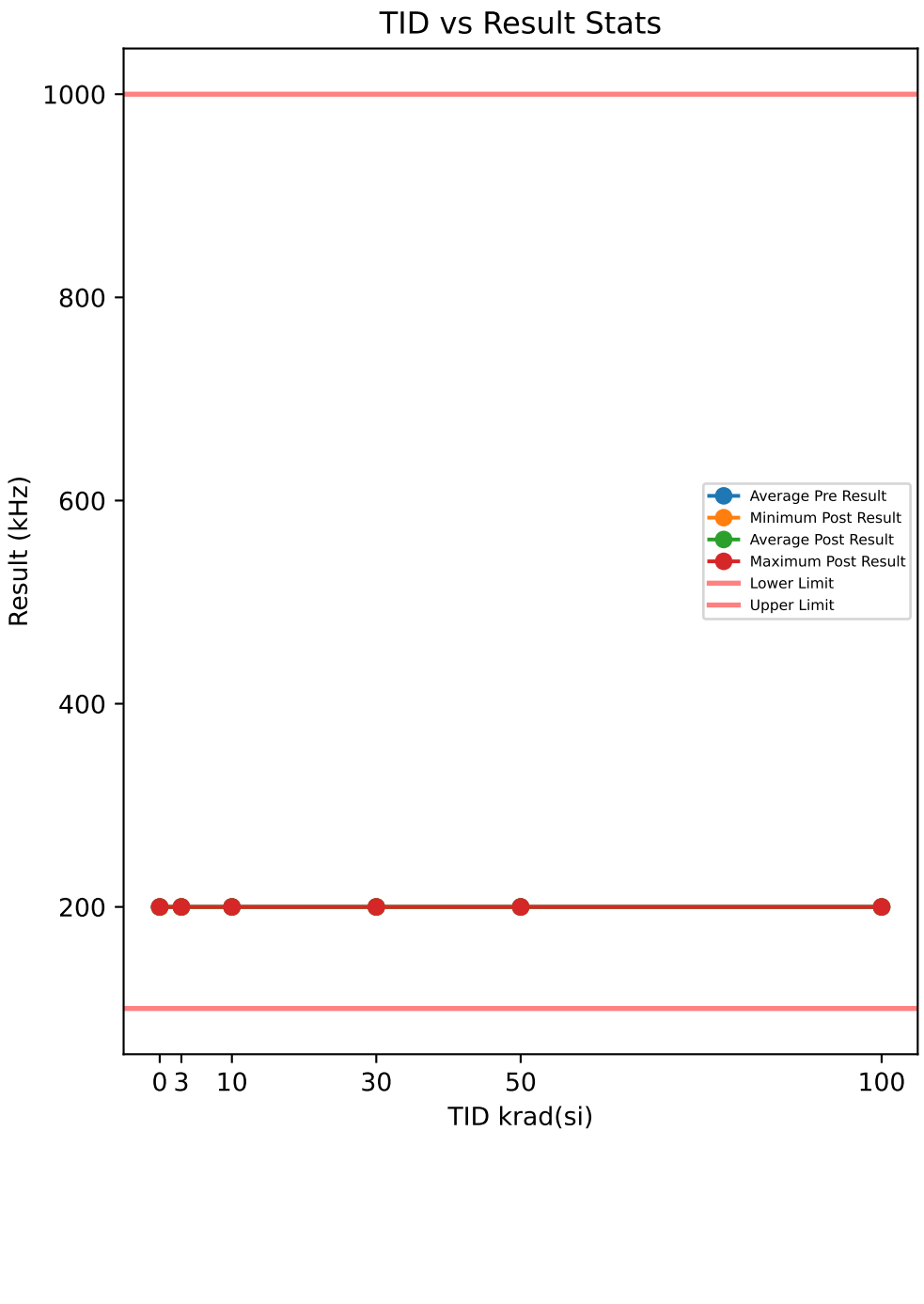
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

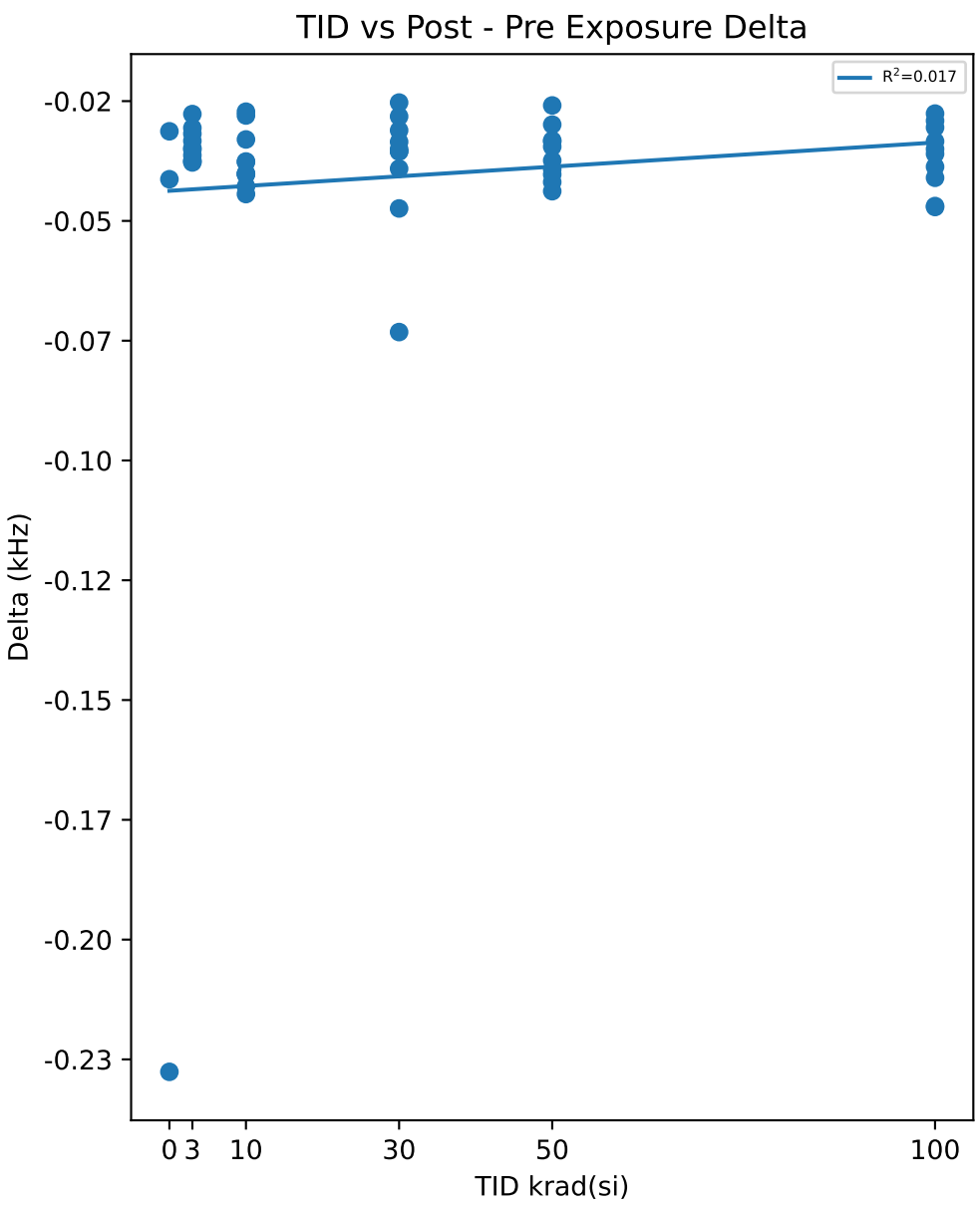
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	193.97	194.09	0.1126
2	3	HDR BIAS	199.83	199.71	-0.1227
3	3	HDR BIAS	193.09	192.91	-0.1801
4	3	HDR BIAS	197.46	197.45	-0.0133
5	3	HDR BIAS	193.67	193.73	0.0545
6	3	HDR UNBIAS	193.29	193.18	-0.1059
7	3	HDR UNBIAS	196.75	196.7	-0.0418
8	3	HDR UNBIAS	195.33	195.63	0.3053
9	3	HDR UNBIAS	196.72	196.25	-0.4669
10	3	HDR UNBIAS	196.85	196.67	-0.1802
11	10	HDR BIAS	195.77	196	0.2358
12	10	HDR BIAS	194.81	194.75	-0.0649
13	10	HDR BIAS	195.94	196.08	0.1412
14	10	HDR BIAS	195.52	195.84	0.3272
15	10	HDR BIAS	192.85	192.53	-0.3127
16	10	HDR UNBIAS	192.8	192.94	0.1393
17	10	HDR UNBIAS	193.48	192.86	-0.6216
18	10	HDR UNBIAS	197.03	196.63	-0.3952
19	10	HDR UNBIAS	196.82	196.71	-0.1136
20	10	HDR UNBIAS	195.11	194.85	-0.2614
31	30	HDR BIAS	193.95	194.63	0.679
32	30	HDR BIAS	198.33	198.48	0.1485
33	30	HDR BIAS	193.59	193.38	-0.2068
34	30	HDR BIAS	188.59	188.06	-0.5349
35	30	HDR BIAS	196.6	196.07	-0.5302
36	30	HDR UNBIAS	196.5	196.41	-0.0874
37	30	HDR UNBIAS	195.74	196.04	0.2968
38	30	HDR UNBIAS	193.35	193.3	-0.0438
39	30	HDR UNBIAS	197.99	197.58	-0.4156
40	30	HDR UNBIAS	194.61	193.84	-0.7642
41	50	HDR BIAS	194.38	193.96	-0.4212
42	50	HDR BIAS	197.49	196.21	-1.2815
43	50	HDR BIAS	192.15	192.32	0.1772
44	50	HDR BIAS	196.18	196.31	0.1285
45	50	HDR BIAS	192.37	192.59	0.2174
46	50	HDR UNBIAS	196.35	196.53	0.1792
47	50	HDR UNBIAS	195.03	195.02	-0.0119
48	50	HDR UNBIAS	196.29	194.44	-1.8557
49	50	HDR UNBIAS	193.95	194.91	0.9624
50	50	HDR UNBIAS	195.9	196.83	0.9292
51	100	HDR BIAS	192.87	192.3	-0.5669
52	100	HDR BIAS	193.44	192.77	-0.6636
53	100	HDR BIAS	194.01	195.18	1.1677
54	100	HDR BIAS	197.5	197.57	0.0693
55	100	HDR BIAS	197.51	197.2	-0.3187
56	100	HDR UNBIAS	196.21	197.14	0.9268
57	100	HDR UNBIAS	195.74	197.56	1.8234
58	100	HDR UNBIAS	195.32	196.42	1.0944
59	100	HDR UNBIAS	198.36	198.28	-0.0763
60	100	HDR UNBIAS	198.74	197.6	-1.1383
71	0	CORRELATION	192.72	192.7	-0.0195
72	0	CORRELATION	194.88	194.71	-0.1734
73	0	CORRELATION	195.77	195.82	0.0459

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.72	194.46	195.77	1.5667	192.7	194.41	195.82	1.5772	-0.1734	-0.049	0.0459	0.11259
3	193.09	195.7	199.83	2.199	192.91	195.63	199.71	2.1601	-0.4669	-0.06385	0.3053	0.20526
10	192.8	195.01	197.03	1.5275	192.53	194.92	196.71	1.6124	-0.6216	-0.09259	0.3272	0.30588
30	188.59	194.93	198.33	2.8358	188.06	194.78	198.48	2.9372	-0.7642	-0.14586	0.679	0.43903
50	192.15	195.01	197.49	1.7787	192.32	194.91	196.83	1.6056	-1.8557	-0.09764	0.9624	0.88726
100	192.87	195.97	198.74	2.069	192.3	196.2	198.28	2.107	-1.1383	0.23178	1.8234	0.96479

Device Test: 20.82 LEVEL|FREQ/SYNC/5/5/0/1000/5/200kHz//@FREQ_SYNC_EXT





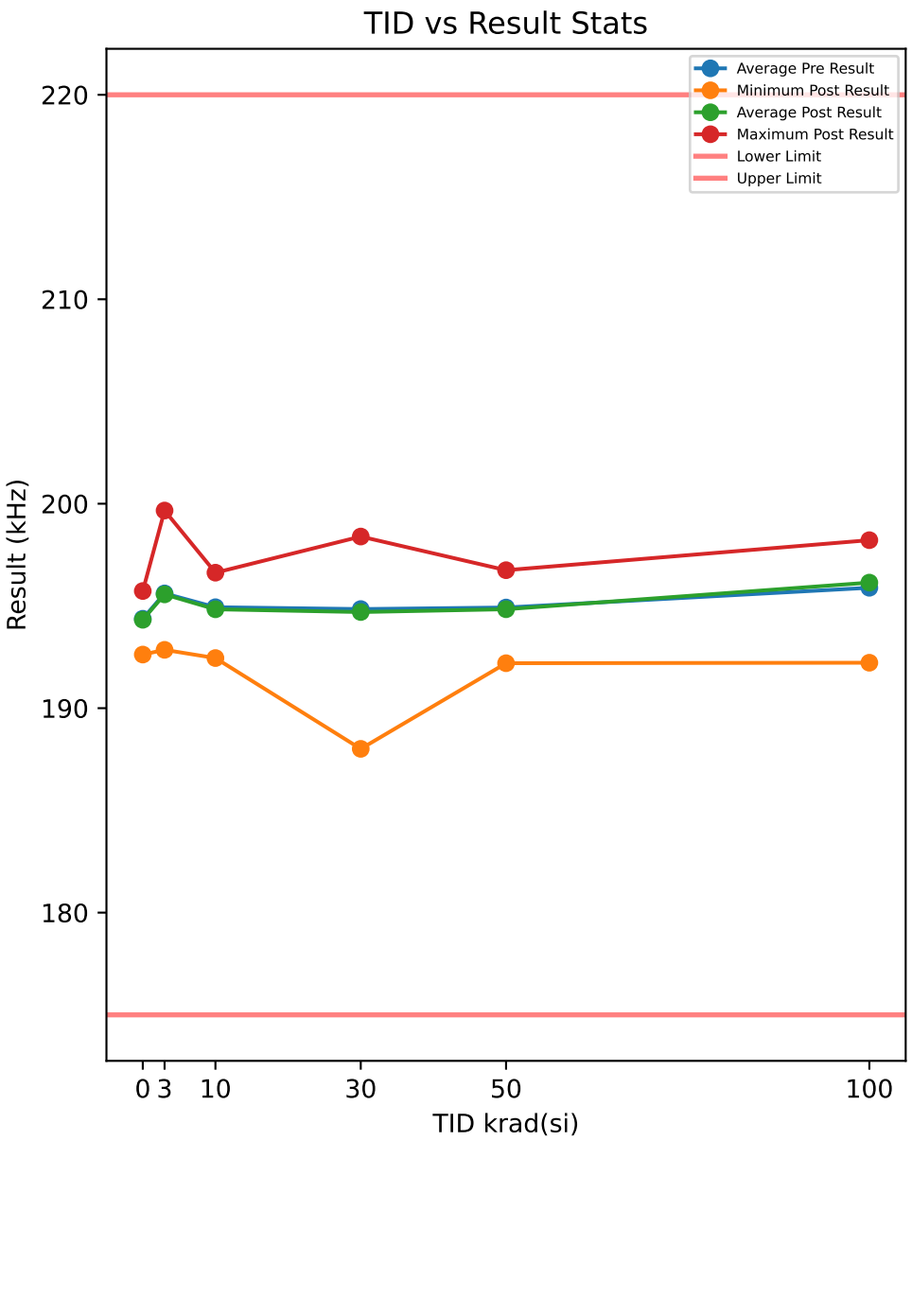
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

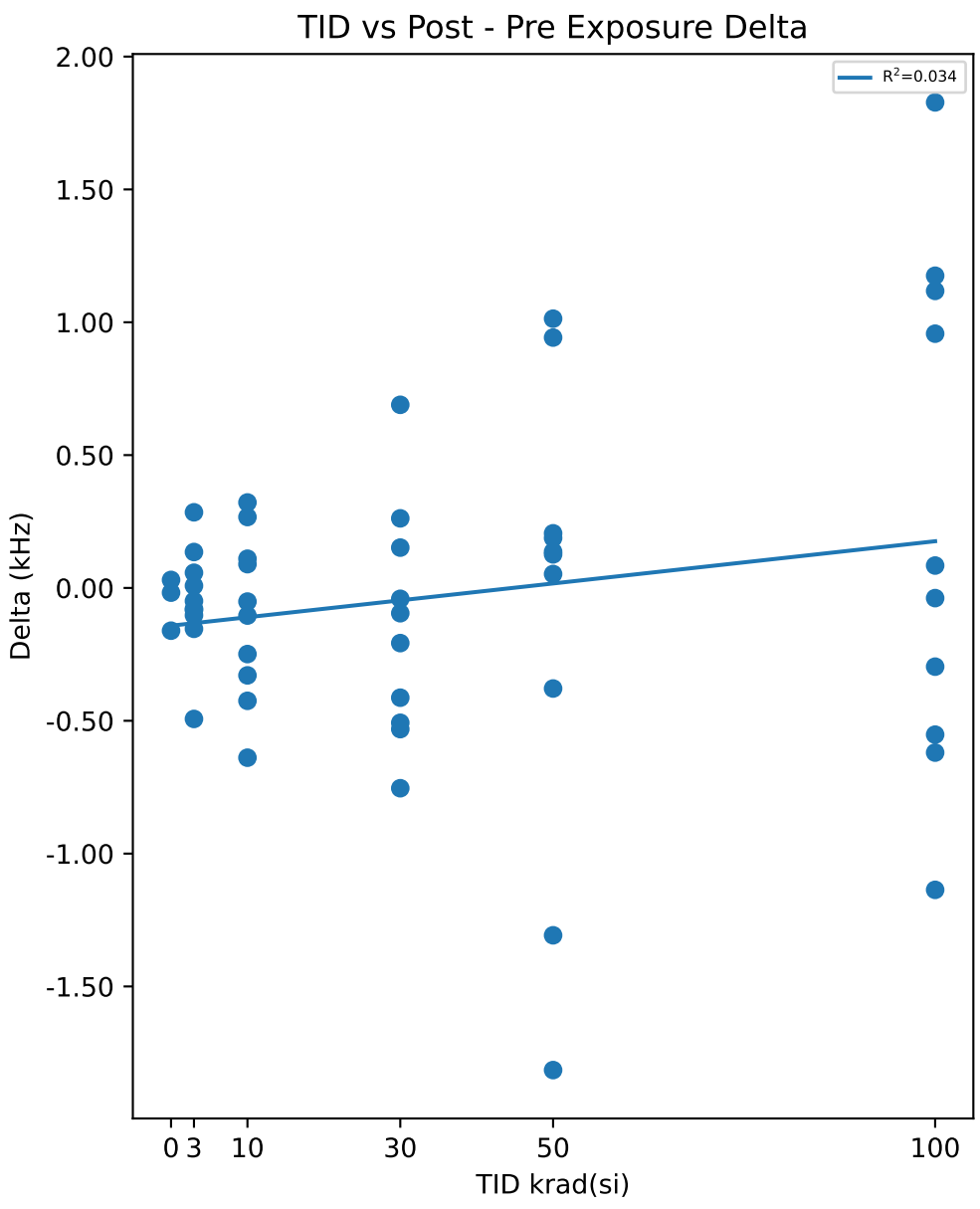
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200	199.97	-0.0318
2	3	HDR BIAS	200.01	199.98	-0.0351
3	3	HDR BIAS	200.01	199.97	-0.0378
4	3	HDR BIAS	200	199.98	-0.0277
5	3	HDR BIAS	200	199.97	-0.0363
6	3	HDR UNBIAS	200	199.97	-0.0306
7	3	HDR UNBIAS	200.01	199.98	-0.0333
8	3	HDR UNBIAS	200	199.97	-0.0376
9	3	HDR UNBIAS	200.01	199.97	-0.0348
10	3	HDR UNBIAS	200.01	199.97	-0.0374
11	10	HDR BIAS	200.01	199.97	-0.0402
12	10	HDR BIAS	200.01	199.97	-0.0401
13	10	HDR BIAS	200	199.98	-0.0272
14	10	HDR BIAS	200.01	199.97	-0.0444
15	10	HDR BIAS	200.02	199.97	-0.0428
16	10	HDR UNBIAS	200.01	199.97	-0.0403
17	10	HDR UNBIAS	200.01	199.97	-0.0377
18	10	HDR UNBIAS	200	199.97	-0.028
19	10	HDR UNBIAS	200.01	199.97	-0.0376
20	10	HDR UNBIAS	200.01	199.97	-0.033
31	30	HDR BIAS	200.01	199.98	-0.0335
32	30	HDR BIAS	200.01	199.97	-0.0474
33	30	HDR BIAS	200.01	199.98	-0.0282
34	30	HDR BIAS	200.01	199.98	-0.035
35	30	HDR BIAS	200.01	199.98	-0.0355
36	30	HDR UNBIAS	200.01	199.98	-0.0253
37	30	HDR UNBIAS	200.01	199.97	-0.0355
38	30	HDR UNBIAS	200.01	199.97	-0.0391
39	30	HDR UNBIAS	200.01	199.98	-0.0311
40	30	HDR UNBIAS	200.01	199.94	-0.0732
41	50	HDR BIAS	200.01	199.97	-0.0438
42	50	HDR BIAS	200.01	199.97	-0.0392
43	50	HDR BIAS	200.01	199.97	-0.0419
44	50	HDR BIAS	200.01	199.97	-0.0374
45	50	HDR BIAS	200.02	199.98	-0.0345
46	50	HDR UNBIAS	200	199.98	-0.0259
47	50	HDR UNBIAS	200.01	199.97	-0.0403
48	50	HDR UNBIAS	200.01	199.97	-0.0334
49	50	HDR UNBIAS	200	199.97	-0.0332
50	50	HDR UNBIAS	200.01	199.98	-0.0299
51	100	HDR BIAS	200.01	199.97	-0.0387
52	100	HDR BIAS	200.01	199.97	-0.041
53	100	HDR BIAS	200.01	199.97	-0.0469
54	100	HDR BIAS	200.01	199.97	-0.035
55	100	HDR BIAS	200	199.97	-0.0305
56	100	HDR UNBIAS	200.01	199.98	-0.0291
57	100	HDR UNBIAS	200.01	199.98	-0.0334
58	100	HDR UNBIAS	200	199.98	-0.0276
59	100	HDR UNBIAS	200.01	199.97	-0.0471
60	100	HDR UNBIAS	200.01	199.98	-0.036
71	0	CORRELATION	200.01	199.79	-0.2276
72	0	CORRELATION	200.01	199.97	-0.0413
73	0	CORRELATION	200.01	199.97	-0.0313

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200.01	200.01	200.01	0.0042004	199.79	199.91	199.97	0.10682	-0.2276	-0.10007	-0.0313	0.11056
3	200	200.01	200.01	0.003813	199.97	199.97	199.98	0.0039766	-0.0378	-0.03424	-0.0277	0.0033682
10	200	200.01	200.02	0.0045344	199.97	199.97	199.98	0.0032241	-0.0444	-0.03713	-0.0272	0.005896
30	200.01	200.01	200.01	0.0024216	199.94	199.97	199.98	0.013354	-0.0732	-0.03838	-0.0253	0.013638
50	200	200.01	200.02	0.0046971	199.97	199.97	199.98	0.003662	-0.0438	-0.03595	-0.0259	0.0056014
100	200	200.01	200.01	0.0045664	199.97	199.97	199.98	0.0048884	-0.0471	-0.03653	-0.0276	0.0068935

Device Test: 20.83 LEVEL|FREQ/RT/12/12/0/1000/5/200kHz//@FSW_EXT_RT_B





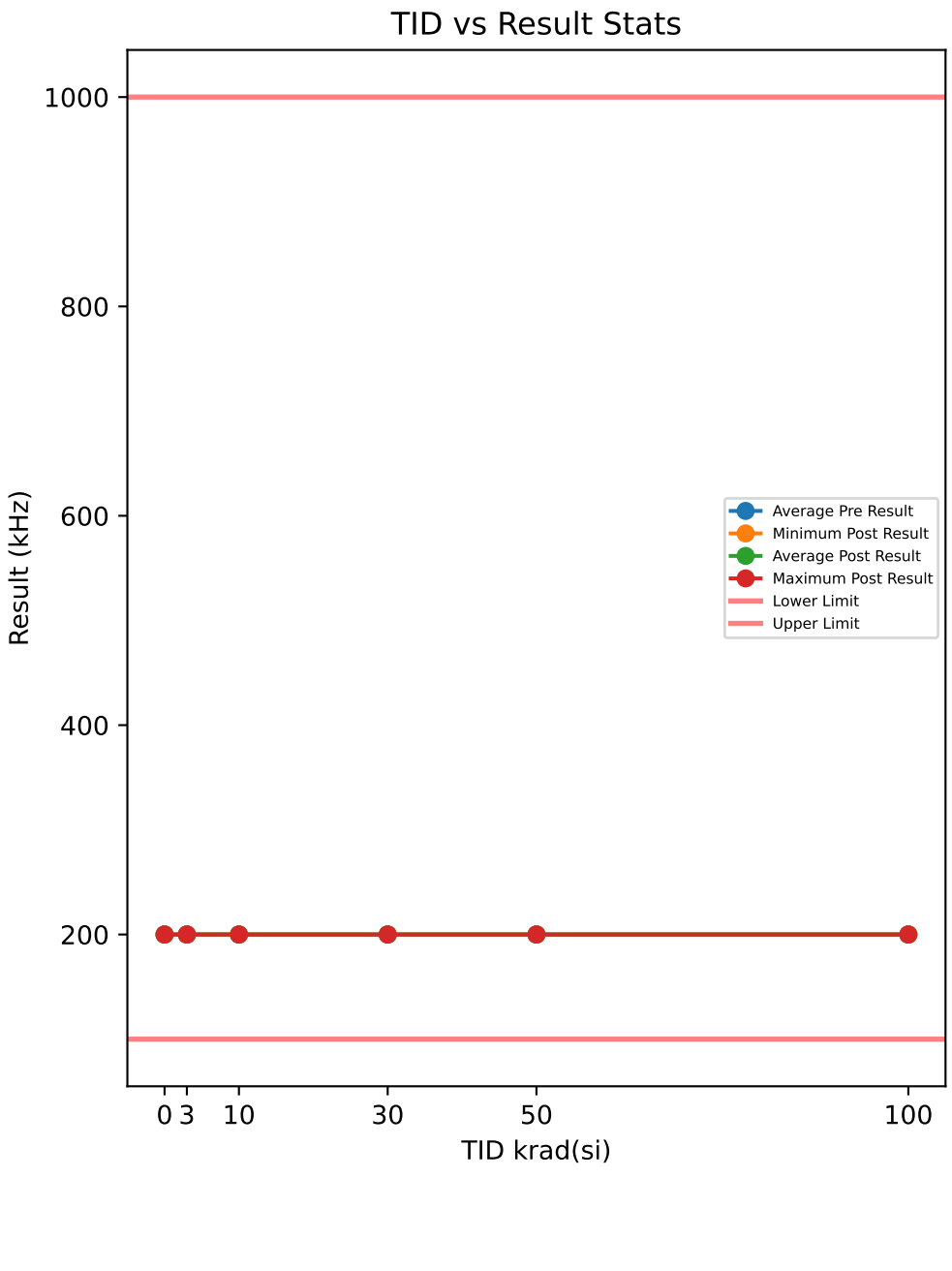
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

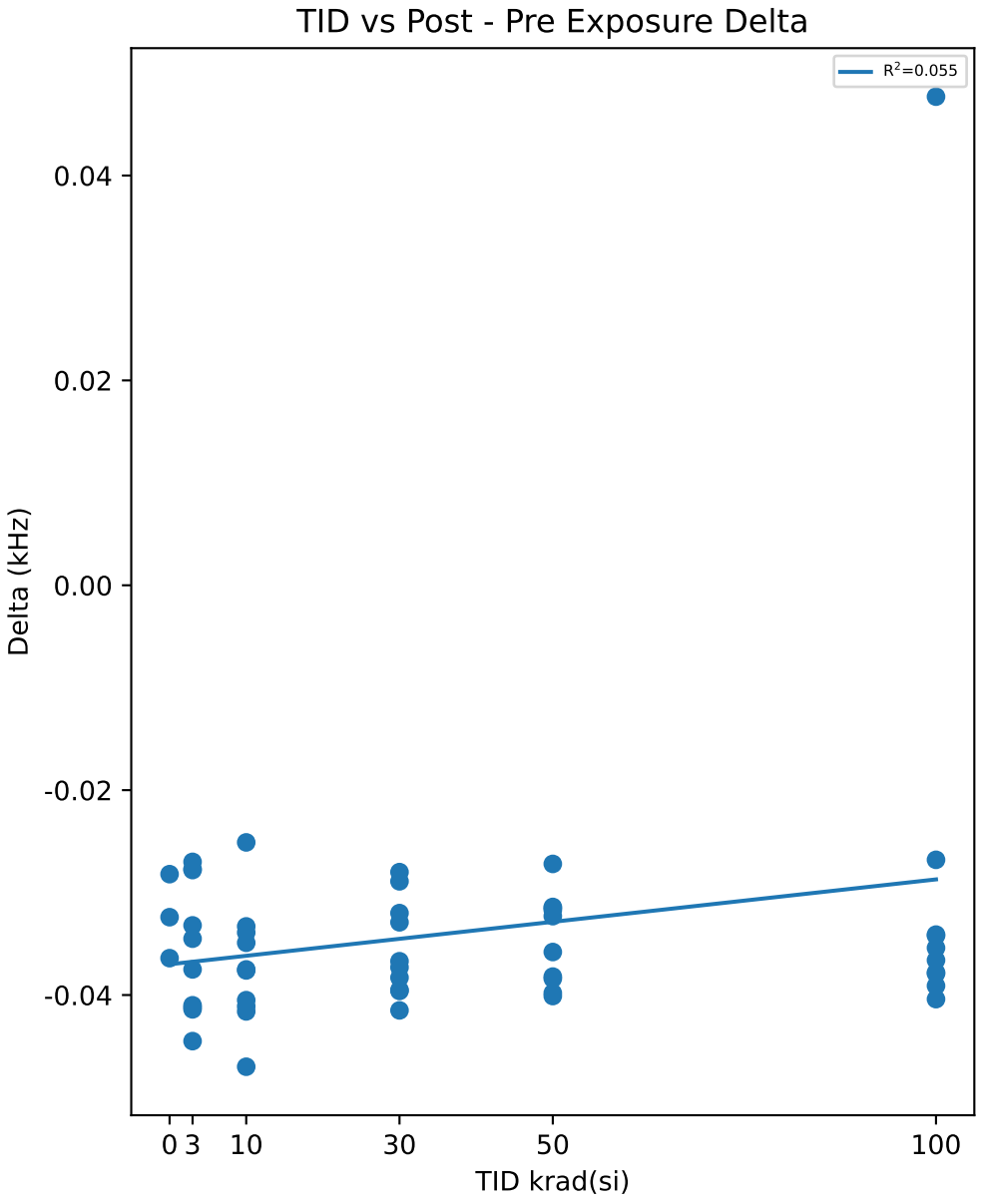
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	193.9	194.04	0.1352
2	3	HDR BIAS	199.75	199.67	-0.0831
3	3	HDR BIAS	193.01	192.85	-0.1539
4	3	HDR BIAS	197.38	197.39	0.0082
5	3	HDR BIAS	193.59	193.65	0.0572
6	3	HDR UNBIAS	193.18	193.1	-0.0787
7	3	HDR UNBIAS	196.68	196.63	-0.0492
8	3	HDR UNBIAS	195.24	195.52	0.2847
9	3	HDR UNBIAS	196.67	196.18	-0.4931
10	3	HDR UNBIAS	196.73	196.62	-0.103
11	10	HDR BIAS	195.67	195.94	0.2669
12	10	HDR BIAS	194.73	194.68	-0.0513
13	10	HDR BIAS	195.87	195.98	0.11
14	10	HDR BIAS	195.45	195.77	0.3217
15	10	HDR BIAS	192.78	192.45	-0.3291
16	10	HDR UNBIAS	192.74	192.83	0.0895
17	10	HDR UNBIAS	193.41	192.77	-0.639
18	10	HDR UNBIAS	196.97	196.54	-0.4249
19	10	HDR UNBIAS	196.73	196.63	-0.104
20	10	HDR UNBIAS	195.02	194.77	-0.2489
31	30	HDR BIAS	193.85	194.54	0.6893
32	30	HDR BIAS	198.24	198.39	0.1518
33	30	HDR BIAS	193.52	193.31	-0.2076
34	30	HDR BIAS	188.54	188.01	-0.5314
35	30	HDR BIAS	196.52	196.01	-0.5075
36	30	HDR UNBIAS	196.44	196.35	-0.0952
37	30	HDR UNBIAS	195.65	195.91	0.2619
38	30	HDR UNBIAS	193.25	193.21	-0.0409
39	30	HDR UNBIAS	197.89	197.48	-0.4131
40	30	HDR UNBIAS	194.55	193.8	-0.7539
41	50	HDR BIAS	194.28	193.91	-0.3786
42	50	HDR BIAS	197.43	196.13	-1.3075
43	50	HDR BIAS	192.06	192.2	0.1365
44	50	HDR BIAS	196.1	196.23	0.1263
45	50	HDR BIAS	192.31	192.5	0.1881
46	50	HDR UNBIAS	196.27	196.47	0.2056
47	50	HDR UNBIAS	194.92	194.97	0.0524
48	50	HDR UNBIAS	196.19	194.38	-1.8148
49	50	HDR UNBIAS	193.84	194.85	1.0135
50	50	HDR UNBIAS	195.81	196.75	0.9424
51	100	HDR BIAS	192.77	192.22	-0.5522
52	100	HDR BIAS	193.34	192.72	-0.6198
53	100	HDR BIAS	193.93	195.11	1.1752
54	100	HDR BIAS	197.42	197.5	0.0843
55	100	HDR BIAS	197.41	197.11	-0.2963
56	100	HDR UNBIAS	196.13	197.09	0.957
57	100	HDR UNBIAS	195.7	197.53	1.8276
58	100	HDR UNBIAS	195.27	196.38	1.118
59	100	HDR UNBIAS	198.25	198.22	-0.0383
60	100	HDR UNBIAS	198.66	197.53	-1.1364
71	0	CORRELATION	192.64	192.62	-0.0177
72	0	CORRELATION	194.78	194.62	-0.1609
73	0	CORRELATION	195.7	195.73	0.0302

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.64	194.37	195.7	1.5697	192.62	194.32	195.73	1.5745	-0.1609	-0.049467	0.0302	0.099432
3	193.01	195.61	199.75	2.2011	192.85	195.57	199.67	2.1659	-0.4931	-0.04757	0.2847	0.20358
10	192.74	194.94	196.97	1.5219	192.45	194.84	196.63	1.6157	-0.639	-0.10091	0.3217	0.31012
30	188.54	194.85	198.24	2.8271	188.01	194.7	198.39	2.9254	-0.7539	-0.14466	0.6893	0.43337
50	192.06	194.92	197.43	1.7788	192.2	194.84	196.75	1.6137	-1.8148	-0.08361	1.0135	0.88862
100	192.77	195.89	198.66	2.0669	192.22	196.14	198.22	2.109	-1.1364	0.25191	1.8276	0.96201

Device Test: 20.84 LEVEL|FREQ/SYNC/12/12/0/1000/5/200kHz//@FREQ_SYNC_EXT





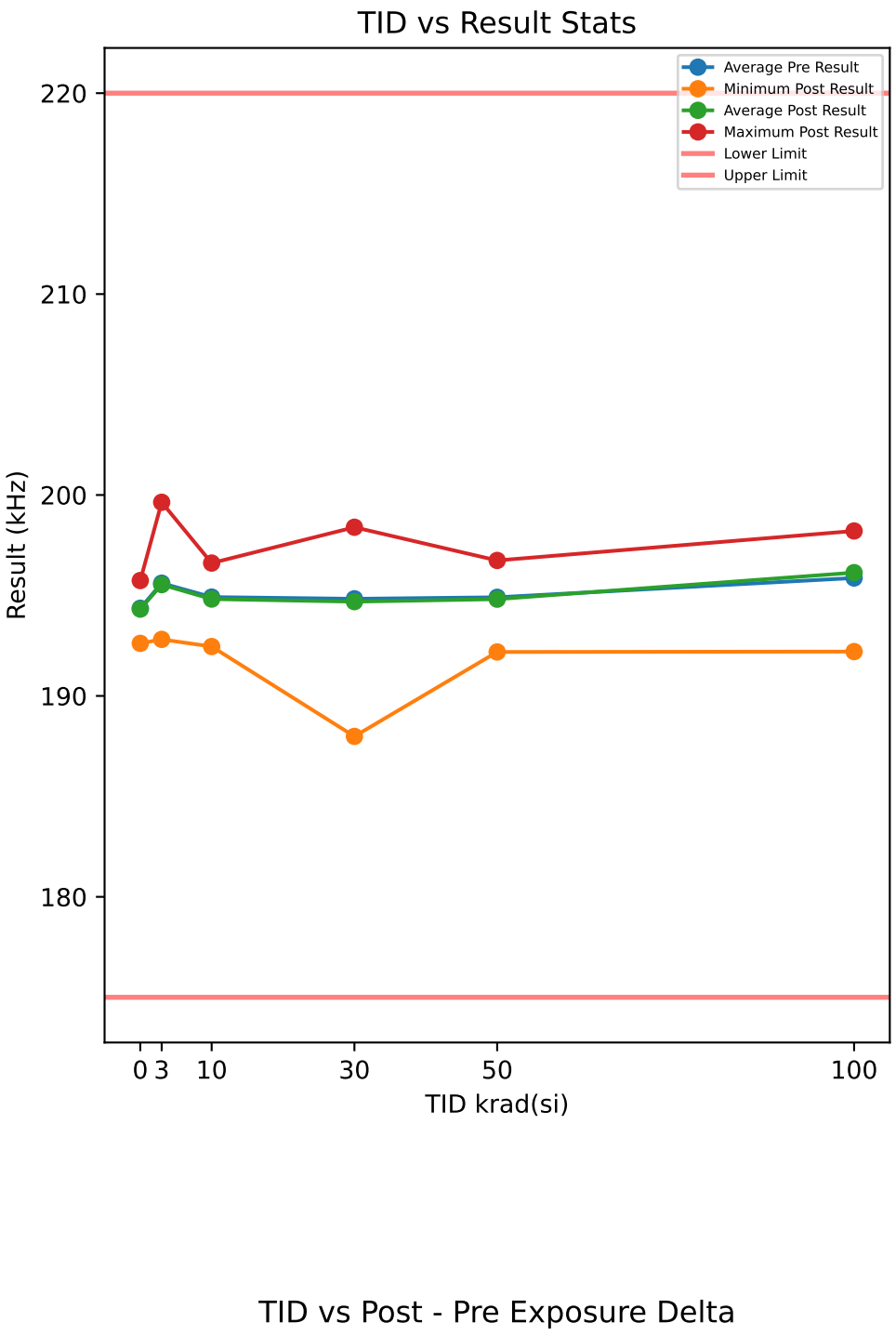
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

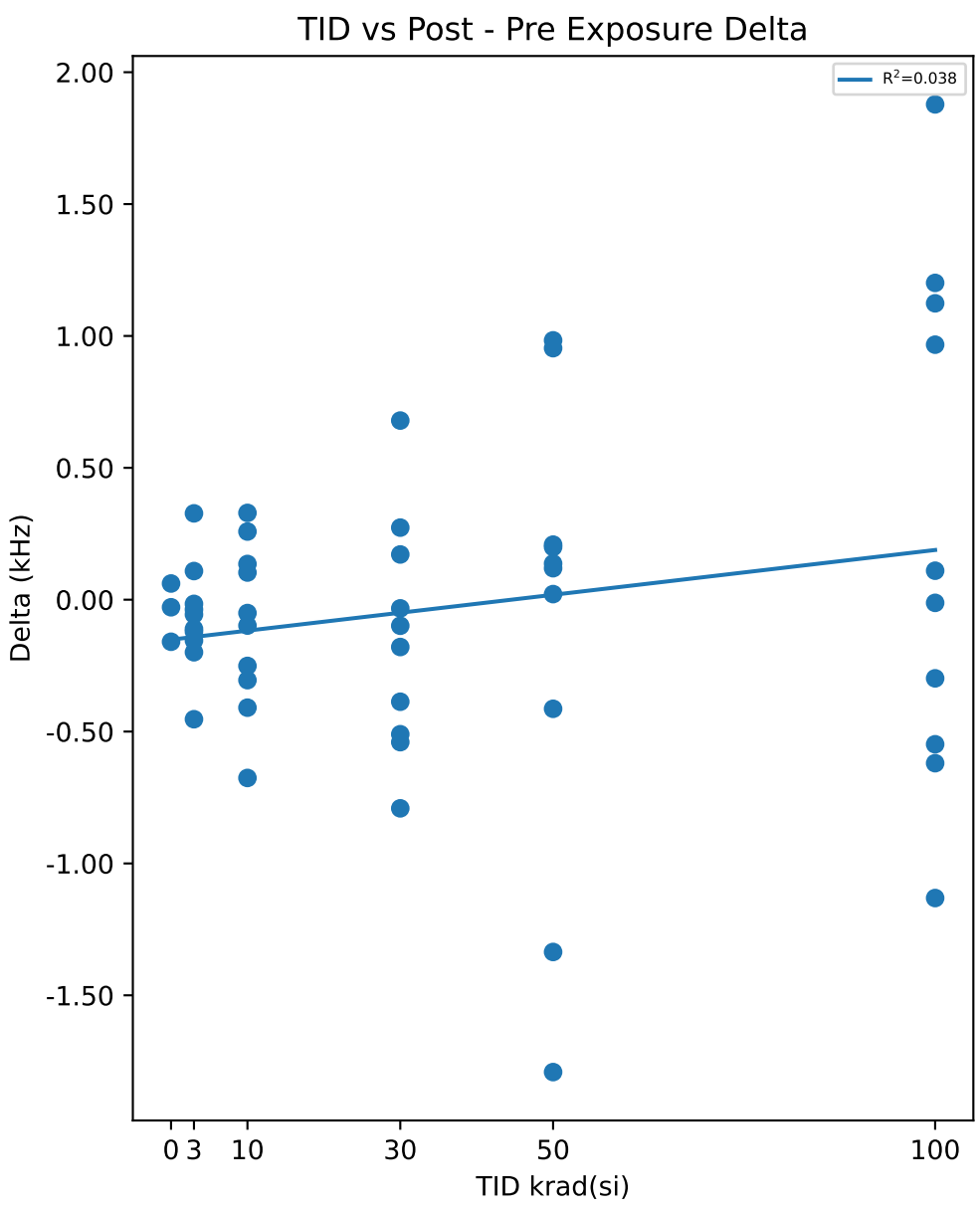
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200	199.98	-0.0277
2	3	HDR BIAS	200.01	199.97	-0.0445
3	3	HDR BIAS	200.01	199.98	-0.0345
4	3	HDR BIAS	200	199.98	-0.027
5	3	HDR BIAS	200.01	199.97	-0.0412
6	3	HDR UNBIAS	200.01	199.97	-0.0414
7	3	HDR UNBIAS	200.01	199.98	-0.0278
8	3	HDR UNBIAS	200.01	199.97	-0.0375
9	3	HDR UNBIAS	200.01	199.97	-0.041
10	3	HDR UNBIAS	200.01	199.98	-0.0332
11	10	HDR BIAS	200	199.97	-0.0376
12	10	HDR BIAS	200	199.98	-0.0251
13	10	HDR BIAS	200.01	199.97	-0.0411
14	10	HDR BIAS	200.01	199.97	-0.0339
15	10	HDR BIAS	200.01	199.97	-0.0416
16	10	HDR UNBIAS	200	199.97	-0.0333
17	10	HDR UNBIAS	200.01	199.97	-0.047
18	10	HDR UNBIAS	200.01	199.97	-0.0375
19	10	HDR UNBIAS	200.01	199.97	-0.0405
20	10	HDR UNBIAS	200.01	199.97	-0.0349
31	30	HDR BIAS	200.01	199.97	-0.0373
32	30	HDR BIAS	200.01	199.97	-0.032
33	30	HDR BIAS	200.01	199.98	-0.0289
34	30	HDR BIAS	200	199.97	-0.0329
35	30	HDR BIAS	200.01	199.97	-0.0396
36	30	HDR UNBIAS	200.01	199.97	-0.0383
37	30	HDR UNBIAS	200.01	199.97	-0.0395
38	30	HDR UNBIAS	200.01	199.97	-0.0415
39	30	HDR UNBIAS	200.01	199.97	-0.0367
40	30	HDR UNBIAS	200	199.97	-0.028
41	50	HDR BIAS	200	199.97	-0.0315
42	50	HDR BIAS	200.01	199.98	-0.0317
43	50	HDR BIAS	200.01	199.97	-0.0401
44	50	HDR BIAS	200.01	199.97	-0.0358
45	50	HDR BIAS	200.01	199.97	-0.0323
46	50	HDR UNBIAS	200	199.98	-0.0272
47	50	HDR UNBIAS	200.01	199.97	-0.0314
48	50	HDR UNBIAS	200.01	199.97	-0.0382
49	50	HDR UNBIAS	200.01	199.97	-0.0398
50	50	HDR UNBIAS	200	199.97	-0.0384
51	100	HDR BIAS	200.01	199.97	-0.0366
52	100	HDR BIAS	200	199.98	-0.0268
53	100	HDR BIAS	200	199.97	-0.0341
54	100	HDR BIAS	200.01	199.97	-0.0342
55	100	HDR BIAS	200.01	199.97	-0.0379
56	100	HDR UNBIAS	200.01	199.97	-0.0378
57	100	HDR UNBIAS	199.93	199.98	0.0477
58	100	HDR UNBIAS	200	199.97	-0.0354
59	100	HDR UNBIAS	200.01	199.97	-0.0391
60	100	HDR UNBIAS	200.01	199.97	-0.0404
71	0	CORRELATION	200	199.97	-0.0324
72	0	CORRELATION	200.01	199.97	-0.0364
73	0	CORRELATION	200.01	199.98	-0.0282

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200	200.01	200.01	0.003296	199.97	199.97	199.98	0.0032787	-0.0364	-0.032333	-0.0282	0.0041004
3	200	200.01	200.01	0.0041418	199.97	199.97	199.98	0.0041165	-0.0445	-0.03558	-0.027	0.0065077
10	200	200.01	200.01	0.0039972	199.97	199.97	199.98	0.003725	-0.047	-0.03725	-0.0251	0.0059584
30	200	200.01	200.01	0.0032921	199.97	199.97	199.98	0.0027605	-0.0415	-0.03547	-0.028	0.0047157
50	200	200.01	200.01	0.0031546	199.97	199.97	199.98	0.0035852	-0.0401	-0.03464	-0.0272	0.0044023
100	199.93	200	200.01	0.024578	199.97	199.97	199.98	0.0029052	-0.0404	-0.02746	0.0477	0.026676

Device Test: 20.85 LEVEL|FREQ/RT/14/14/0/1000/5/200kHz//@FSW_EXT_RT_B





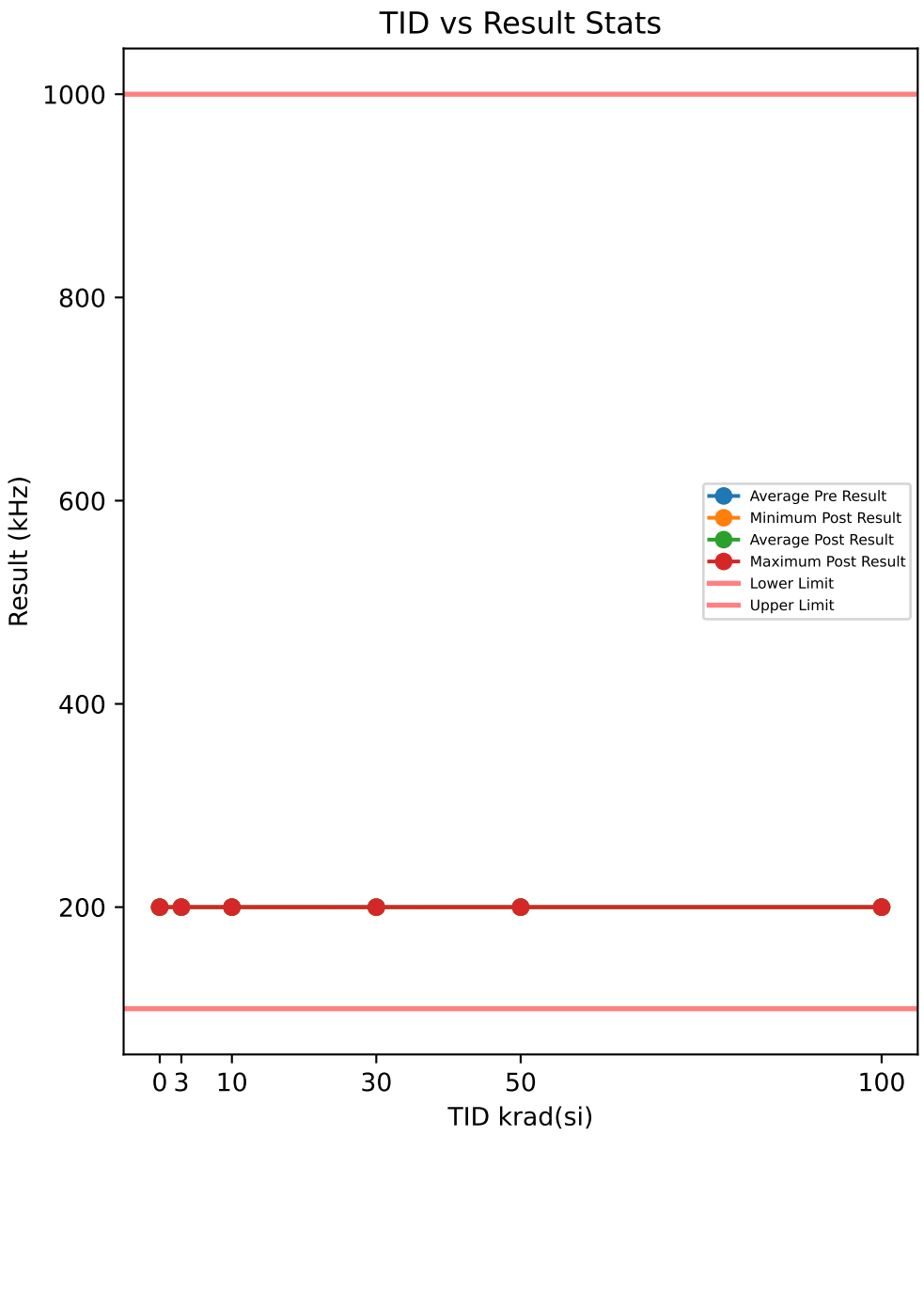
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

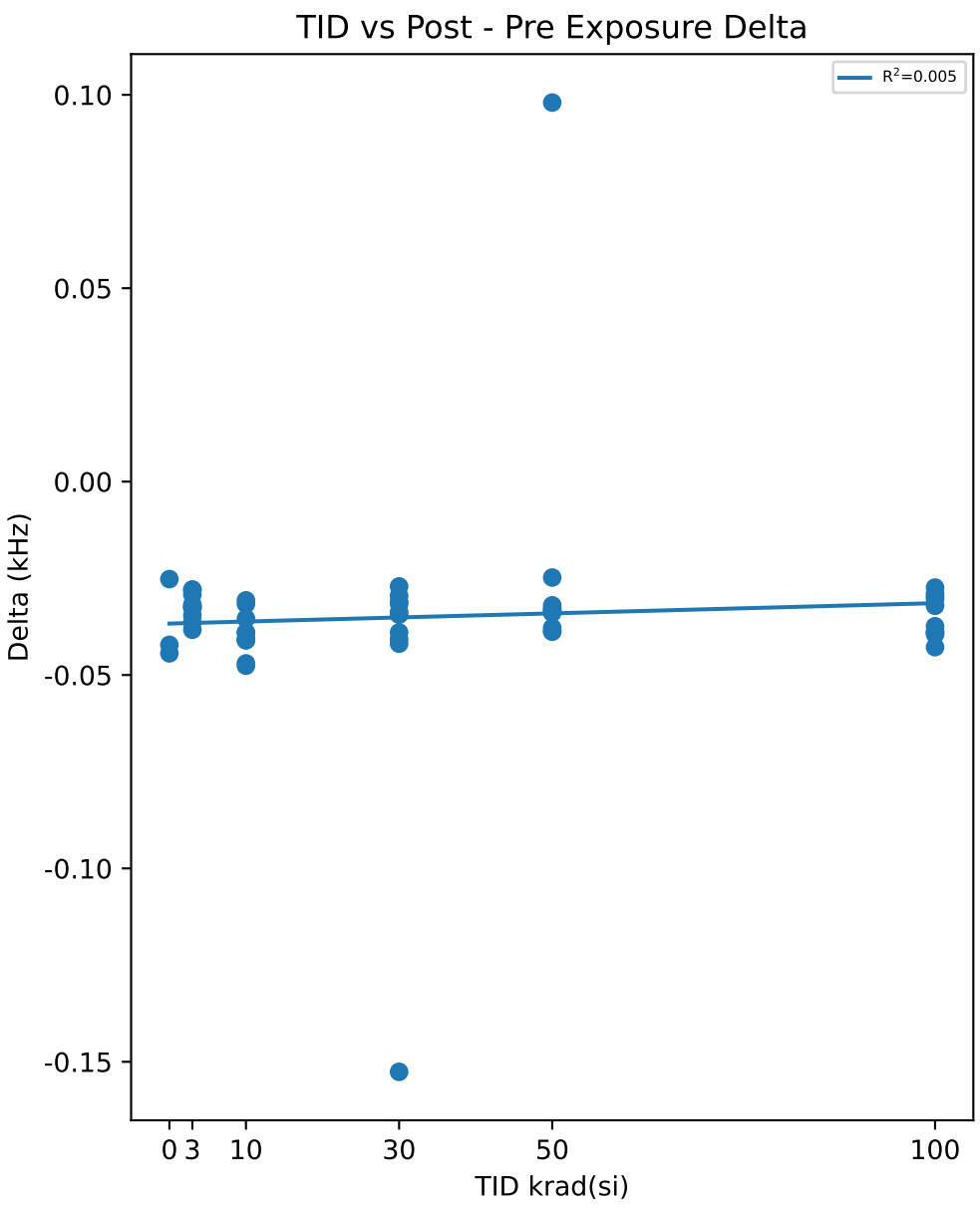
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	193.9	194.01	0.1086
2	3	HDR BIAS	199.76	199.64	-0.1208
3	3	HDR BIAS	193.01	192.81	-0.1993
4	3	HDR BIAS	197.38	197.34	-0.0373
5	3	HDR BIAS	193.6	193.58	-0.0159
6	3	HDR UNBIAS	193.18	193.07	-0.1107
7	3	HDR UNBIAS	196.68	196.62	-0.0561
8	3	HDR UNBIAS	195.22	195.55	0.3273
9	3	HDR UNBIAS	196.64	196.18	-0.4532
10	3	HDR UNBIAS	196.75	196.59	-0.155
11	10	HDR BIAS	195.65	195.91	0.2584
12	10	HDR BIAS	194.72	194.67	-0.0506
13	10	HDR BIAS	195.84	195.97	0.1354
14	10	HDR BIAS	195.43	195.75	0.3291
15	10	HDR BIAS	192.76	192.46	-0.3051
16	10	HDR UNBIAS	192.73	192.84	0.103
17	10	HDR UNBIAS	193.39	192.72	-0.6759
18	10	HDR UNBIAS	196.93	196.52	-0.4094
19	10	HDR UNBIAS	196.71	196.61	-0.0981
20	10	HDR UNBIAS	195.02	194.77	-0.2511
31	30	HDR BIAS	193.85	194.53	0.6792
32	30	HDR BIAS	198.22	198.39	0.1715
33	30	HDR BIAS	193.49	193.31	-0.1794
34	30	HDR BIAS	188.53	187.99	-0.5401
35	30	HDR BIAS	196.49	195.98	-0.5101
36	30	HDR UNBIAS	196.42	196.32	-0.0988
37	30	HDR UNBIAS	195.64	195.91	0.2733
38	30	HDR UNBIAS	193.25	193.22	-0.0329
39	30	HDR UNBIAS	197.88	197.49	-0.3869
40	30	HDR UNBIAS	194.56	193.77	-0.7911
41	50	HDR BIAS	194.29	193.88	-0.4137
42	50	HDR BIAS	197.43	196.09	-1.3357
43	50	HDR BIAS	192.05	192.19	0.137
44	50	HDR BIAS	196.09	196.2	0.1194
45	50	HDR BIAS	192.29	192.5	0.2088
46	50	HDR UNBIAS	196.25	196.45	0.1995
47	50	HDR UNBIAS	194.9	194.92	0.0212
48	50	HDR UNBIAS	196.16	194.37	-1.7911
49	50	HDR UNBIAS	193.83	194.81	0.9833
50	50	HDR UNBIAS	195.79	196.74	0.9537
51	100	HDR BIAS	192.75	192.21	-0.5482
52	100	HDR BIAS	193.33	192.71	-0.6199
53	100	HDR BIAS	193.91	195.11	1.2011
54	100	HDR BIAS	197.4	197.51	0.1099
55	100	HDR BIAS	197.4	197.1	-0.2982
56	100	HDR UNBIAS	196.13	197.09	0.9669
57	100	HDR UNBIAS	195.65	197.53	1.878
58	100	HDR UNBIAS	195.25	196.37	1.1237
59	100	HDR UNBIAS	198.22	198.21	-0.012
60	100	HDR UNBIAS	198.65	197.52	-1.1312
71	0	CORRELATION	192.64	192.62	-0.0287
72	0	CORRELATION	194.76	194.6	-0.1595
73	0	CORRELATION	195.68	195.74	0.0614

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.64	194.36	195.68	1.5576	192.62	194.32	195.74	1.5826	-0.1595	-0.042267	0.0614	0.11107
3	193.01	195.61	199.76	2.2017	192.81	195.54	199.64	2.1724	-0.4532	-0.07124	0.3273	0.20247
10	192.73	194.92	196.93	1.5157	192.46	194.82	196.61	1.6137	-0.6759	-0.09643	0.3291	0.3169
30	188.53	194.83	198.22	2.8251	187.99	194.69	198.39	2.9306	-0.7911	-0.14153	0.6792	0.43914
50	192.05	194.91	197.43	1.778	192.19	194.82	196.74	1.6096	-1.7911	-0.09176	0.9833	0.88646
100	192.75	195.87	198.65	2.0671	192.21	196.14	198.21	2.113	-1.1312	0.26701	1.878	0.97295

Device Test: 20.86 LEVEL|FREQ/SYNC/14/14/0/1000/5/200kHz//@FREQ_SYNC_EXT





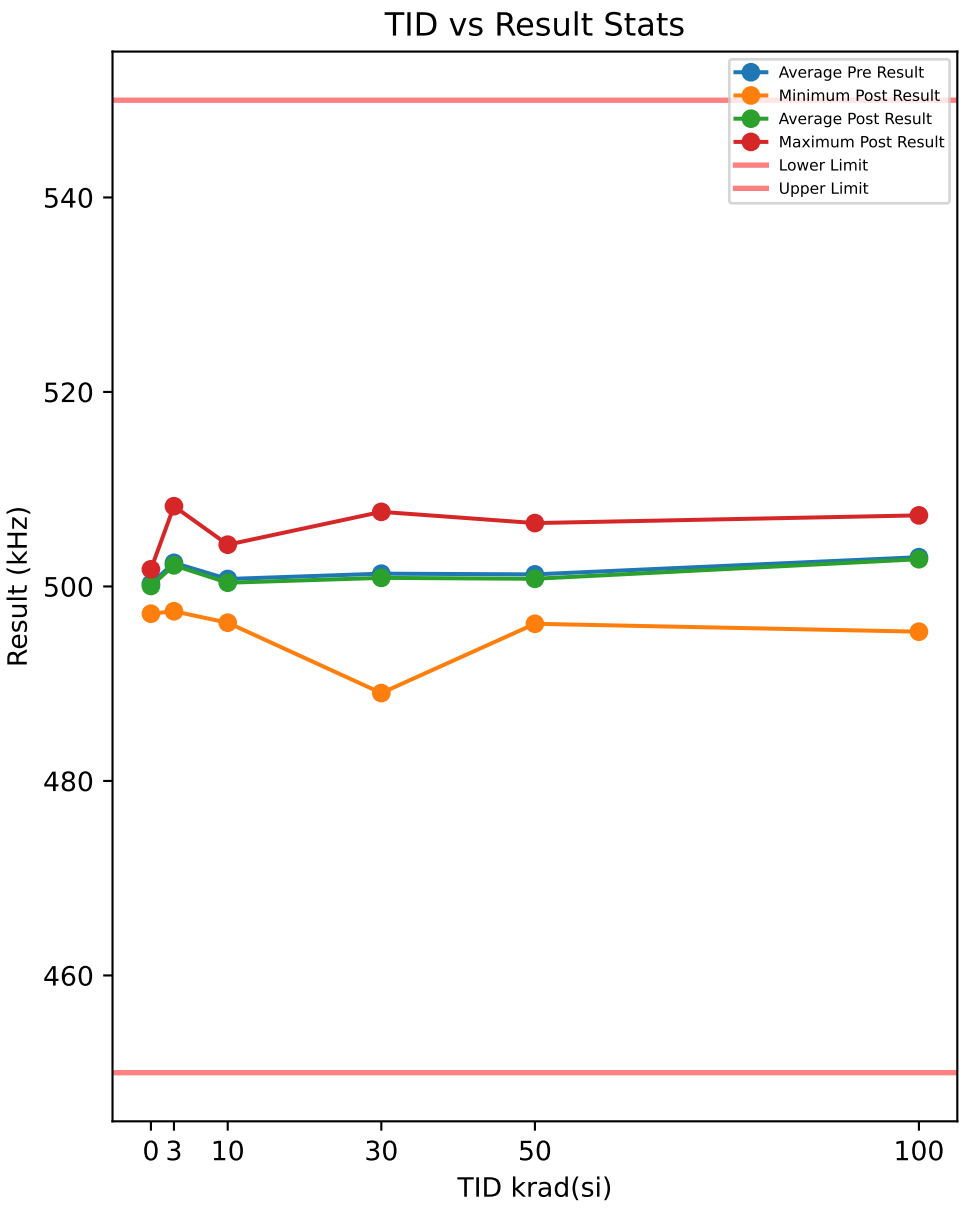
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

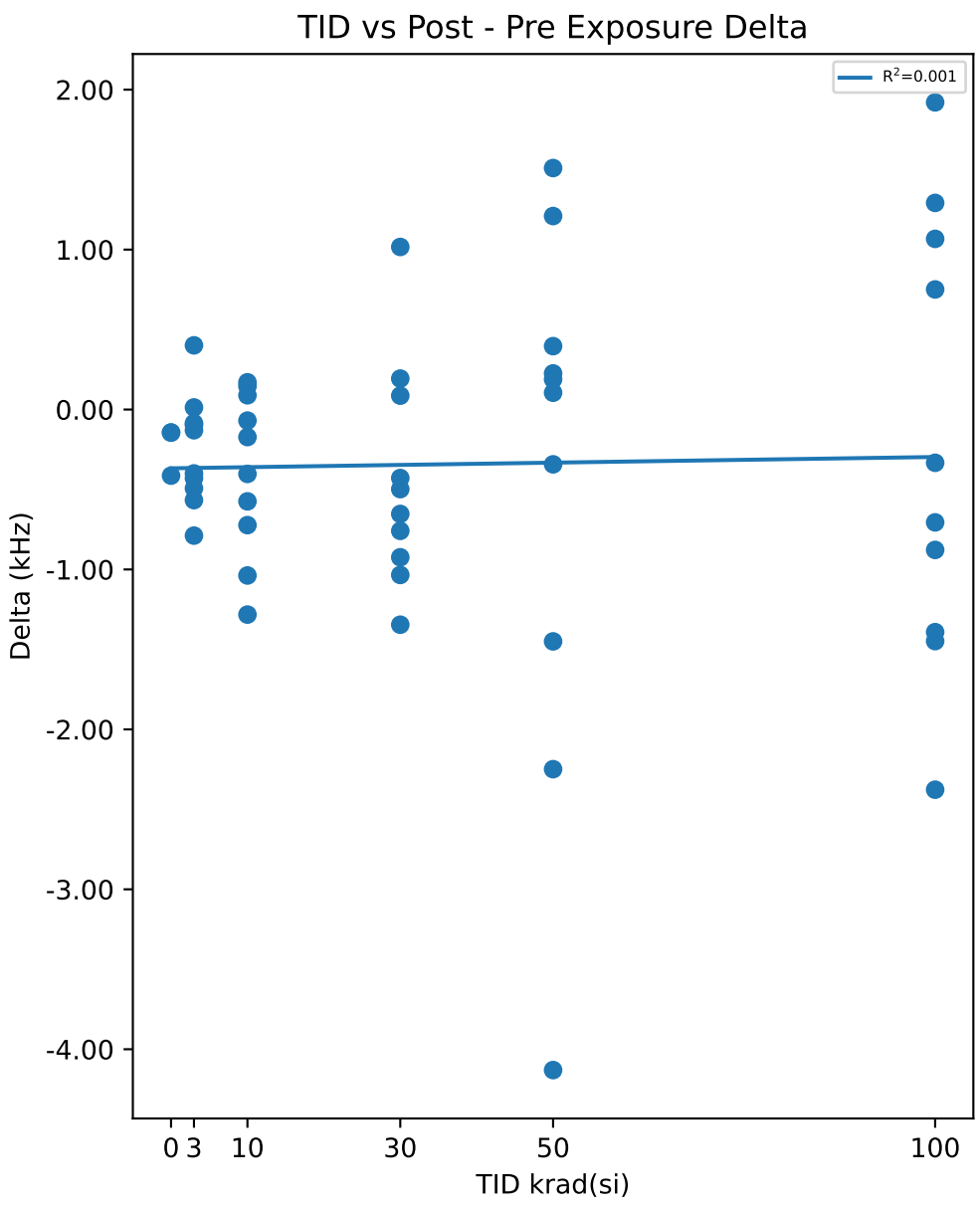
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	200.01	199.98	-0.0325
2	3	HDR BIAS	200.01	199.97	-0.0324
3	3	HDR BIAS	200.01	199.97	-0.0346
4	3	HDR BIAS	200	199.97	-0.0292
5	3	HDR BIAS	200.01	199.97	-0.0364
6	3	HDR UNBIAS	200.01	199.98	-0.0325
7	3	HDR UNBIAS	200	199.98	-0.0279
8	3	HDR UNBIAS	200.01	199.97	-0.0383
9	3	HDR UNBIAS	200.01	199.98	-0.028
10	3	HDR UNBIAS	200	199.97	-0.0318
11	10	HDR BIAS	200.01	199.97	-0.0407
12	10	HDR BIAS	200.01	199.97	-0.0391
13	10	HDR BIAS	200.01	199.97	-0.0354
14	10	HDR BIAS	200.01	199.97	-0.047
15	10	HDR BIAS	200.01	199.98	-0.0307
16	10	HDR UNBIAS	200.01	199.97	-0.041
17	10	HDR UNBIAS	200.01	199.97	-0.0476
18	10	HDR UNBIAS	200.01	199.97	-0.039
19	10	HDR UNBIAS	200.01	199.98	-0.0316
20	10	HDR UNBIAS	200.01	199.97	-0.041
31	30	HDR BIAS	200	199.97	-0.0295
32	30	HDR BIAS	200.02	199.97	-0.0419
33	30	HDR BIAS	200.01	199.98	-0.0344
34	30	HDR BIAS	200.01	199.86	-0.1526
35	30	HDR BIAS	200.01	199.97	-0.039
36	30	HDR UNBIAS	200.01	199.98	-0.031
37	30	HDR UNBIAS	200.01	199.98	-0.0316
38	30	HDR UNBIAS	200.01	199.97	-0.0407
39	30	HDR UNBIAS	200.01	199.97	-0.0337
40	30	HDR UNBIAS	200	199.98	-0.0271
41	50	HDR BIAS	200.01	199.97	-0.0331
42	50	HDR BIAS	199.88	199.97	0.098
43	50	HDR BIAS	200.01	199.98	-0.0329
44	50	HDR BIAS	200.01	199.97	-0.0378
45	50	HDR BIAS	200.01	199.97	-0.0387
46	50	HDR UNBIAS	200	199.98	-0.0248
47	50	HDR UNBIAS	200.01	199.97	-0.0388
48	50	HDR UNBIAS	200.01	199.98	-0.0339
49	50	HDR UNBIAS	200	199.97	-0.0336
50	50	HDR UNBIAS	200	199.97	-0.032
51	100	HDR BIAS	200.01	199.97	-0.0374
52	100	HDR BIAS	200	199.97	-0.0321
53	100	HDR BIAS	200.01	199.97	-0.0428
54	100	HDR BIAS	200	199.98	-0.0274
55	100	HDR BIAS	200.01	199.98	-0.0289
56	100	HDR UNBIAS	200.01	199.97	-0.0389
57	100	HDR UNBIAS	200.01	199.97	-0.0389
58	100	HDR UNBIAS	200	199.97	-0.0303
59	100	HDR UNBIAS	200.01	199.97	-0.0395
60	100	HDR UNBIAS	200.01	199.98	-0.0296
71	0	CORRELATION	200.01	199.97	-0.0422
72	0	CORRELATION	200.01	199.97	-0.0444
73	0	CORRELATION	200	199.98	-0.0252

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200	200.01	200.01	0.0045764	199.97	199.97	199.98	0.00652	-0.0444	-0.037267	-0.0252	0.010508
3	200	200.01	200.01	0.0033873	199.97	199.97	199.98	0.0033594	-0.0383	-0.03236	-0.0279	0.0034297
10	200.01	200.01	200.01	0.0022778	199.97	199.97	199.98	0.003932	-0.0476	-0.03931	-0.0307	0.0056225
30	200	200.01	200.02	0.004061	199.86	199.96	199.98	0.037632	-0.1526	-0.04615	-0.0271	0.03772
50	199.88	199.99	200.01	0.041707	199.97	199.97	199.98	0.0029438	-0.0388	-0.02076	0.098	0.041928
100	200	200.01	200.01	0.0035357	199.97	199.97	199.98	0.0038667	-0.0428	-0.03458	-0.0274	0.0054786

Device Test: 20.87 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/500kHz//@FSW_EXT_RT_C





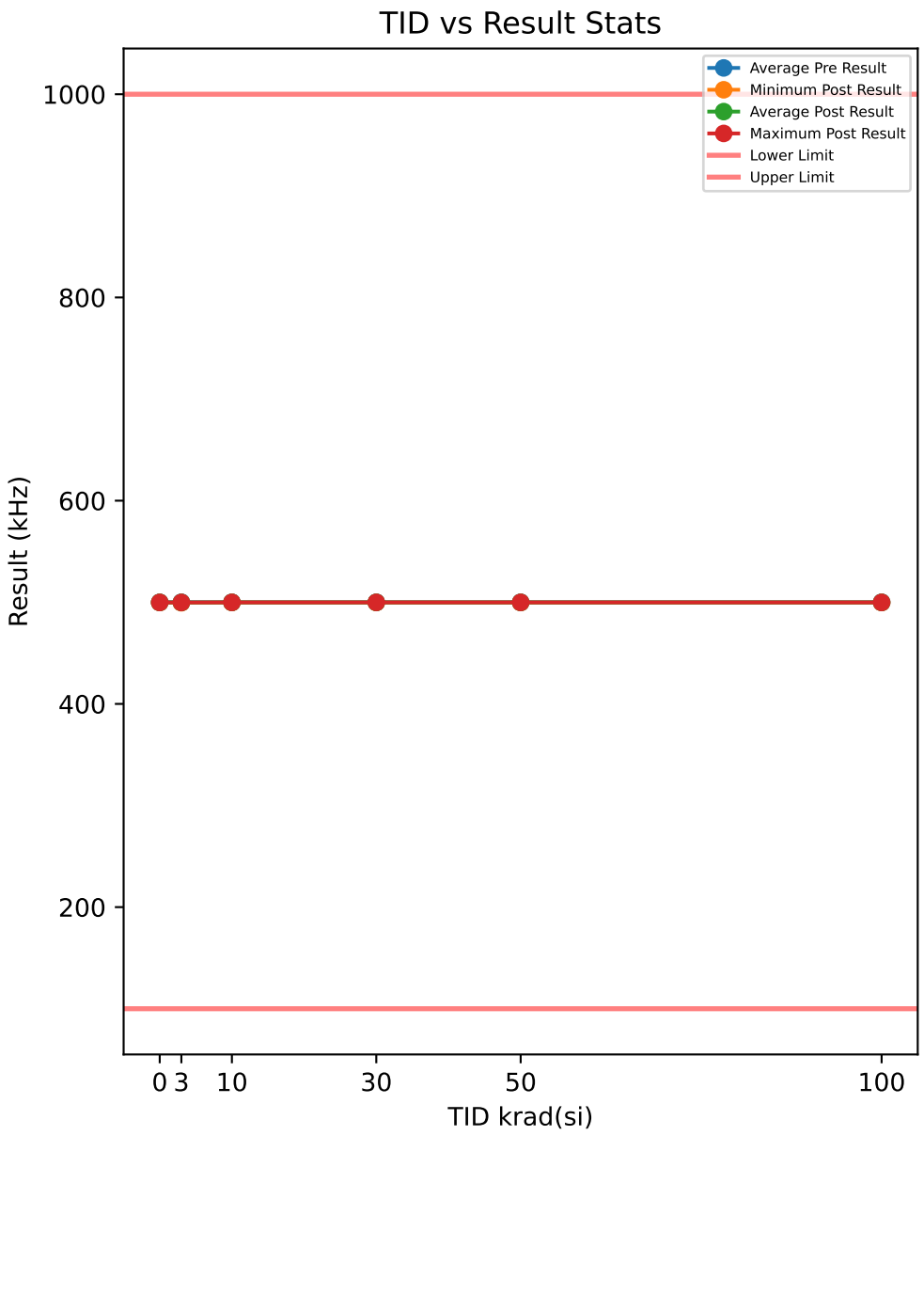
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

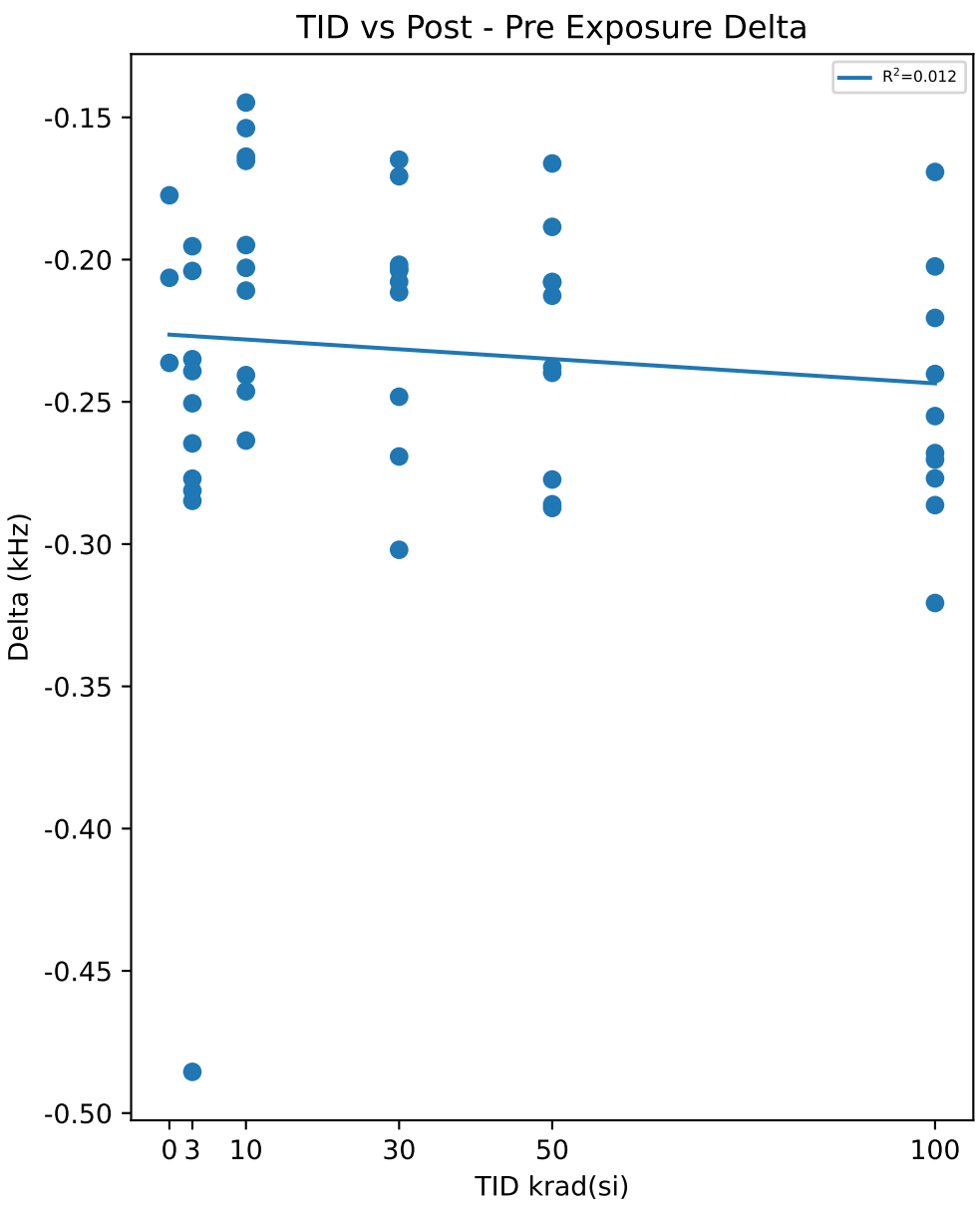
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	499.61	499.63	0.0131
2	3	HDR BIAS	508.65	508.25	-0.3996
3	3	HDR BIAS	498.3	497.81	-0.4928
4	3	HDR BIAS	504.62	504.49	-0.1296
5	3	HDR BIAS	500.28	500.2	-0.0852
6	3	HDR UNBIAS	497.88	497.45	-0.4295
7	3	HDR UNBIAS	505.16	505.06	-0.0961
8	3	HDR UNBIAS	502.54	502.94	0.4013
9	3	HDR UNBIAS	503.54	502.75	-0.7884
10	3	HDR UNBIAS	503.69	503.13	-0.5666
11	10	HDR BIAS	502.65	502.8	0.1456
12	10	HDR BIAS	499.74	499.57	-0.1722
13	10	HDR BIAS	503.26	503.19	-0.0693
14	10	HDR BIAS	500.98	501.07	0.089
15	10	HDR BIAS	497.31	496.27	-1.0377
16	10	HDR UNBIAS	496.13	496.3	0.1703
17	10	HDR UNBIAS	497.81	496.53	-1.2822
18	10	HDR UNBIAS	503.28	502.56	-0.7228
19	10	HDR UNBIAS	504.7	504.29	-0.4027
20	10	HDR UNBIAS	501.81	501.23	-0.5743
31	30	HDR BIAS	498.84	499.86	1.0165
32	30	HDR BIAS	507.58	507.67	0.0867
33	30	HDR BIAS	498.99	498.24	-0.7587
34	30	HDR BIAS	489.96	489.04	-0.9239
35	30	HDR BIAS	504.28	502.93	-1.3455
36	30	HDR UNBIAS	504.41	503.98	-0.4283
37	30	HDR UNBIAS	502.08	502.28	0.1935
38	30	HDR UNBIAS	499.62	499.12	-0.4977
39	30	HDR UNBIAS	507.04	506.39	-0.6529
40	30	HDR UNBIAS	500.34	499.3	-1.0343
41	50	HDR BIAS	500.66	499.21	-1.4498
42	50	HDR BIAS	503.98	501.73	-2.2488
43	50	HDR BIAS	495.76	496.16	0.3962
44	50	HDR BIAS	503.63	503.74	0.105
45	50	HDR BIAS	496.49	496.71	0.2258
46	50	HDR UNBIAS	502.98	503.17	0.1889
47	50	HDR UNBIAS	501.88	501.54	-0.3428
48	50	HDR UNBIAS	501.09	496.96	-4.1303
49	50	HDR UNBIAS	500.92	502.13	1.2098
50	50	HDR UNBIAS	505.01	506.52	1.5099
51	100	HDR BIAS	496.8	495.35	-1.4481
52	100	HDR BIAS	497.8	497.09	-0.7057
53	100	HDR BIAS	498.27	499.57	1.2919
54	100	HDR BIAS	505.96	505.62	-0.3331
55	100	HDR BIAS	505.39	504	-1.392
56	100	HDR UNBIAS	504.29	505.36	1.067
57	100	HDR UNBIAS	502.09	504.01	1.9204
58	100	HDR UNBIAS	502.83	503.59	0.7508
59	100	HDR UNBIAS	508.19	507.31	-0.8779
60	100	HDR UNBIAS	508.48	506.1	-2.3771
71	0	CORRELATION	497.34	497.2	-0.1441
72	0	CORRELATION	501.32	501.18	-0.1439
73	0	CORRELATION	502.18	501.76	-0.4134

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	497.34	500.28	502.18	2.5796	497.2	500.05	501.76	2.4835	-0.4134	-0.2338	-0.1439	0.15554
3	497.88	502.43	508.65	3.401	497.45	502.17	508.25	3.4036	-0.7884	-0.25734	0.4013	0.34349
10	496.13	500.77	504.7	2.9034	496.27	500.38	504.29	3.0547	-1.2822	-0.38563	0.1703	0.50998
30	489.96	501.31	507.58	5.1128	489.04	500.88	507.67	5.229	-1.3455	-0.43446	1.0165	0.69582
50	495.76	501.24	505.01	3.053	496.16	500.79	506.52	3.4256	-4.1303	-0.45361	1.5099	1.7087
100	496.8	503.01	508.48	4.2396	495.35	502.8	507.31	4.0525	-2.3771	-0.21038	1.9204	1.4016

Device Test: 20.88 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/500kHz//@FREQ_SYNC_EXT





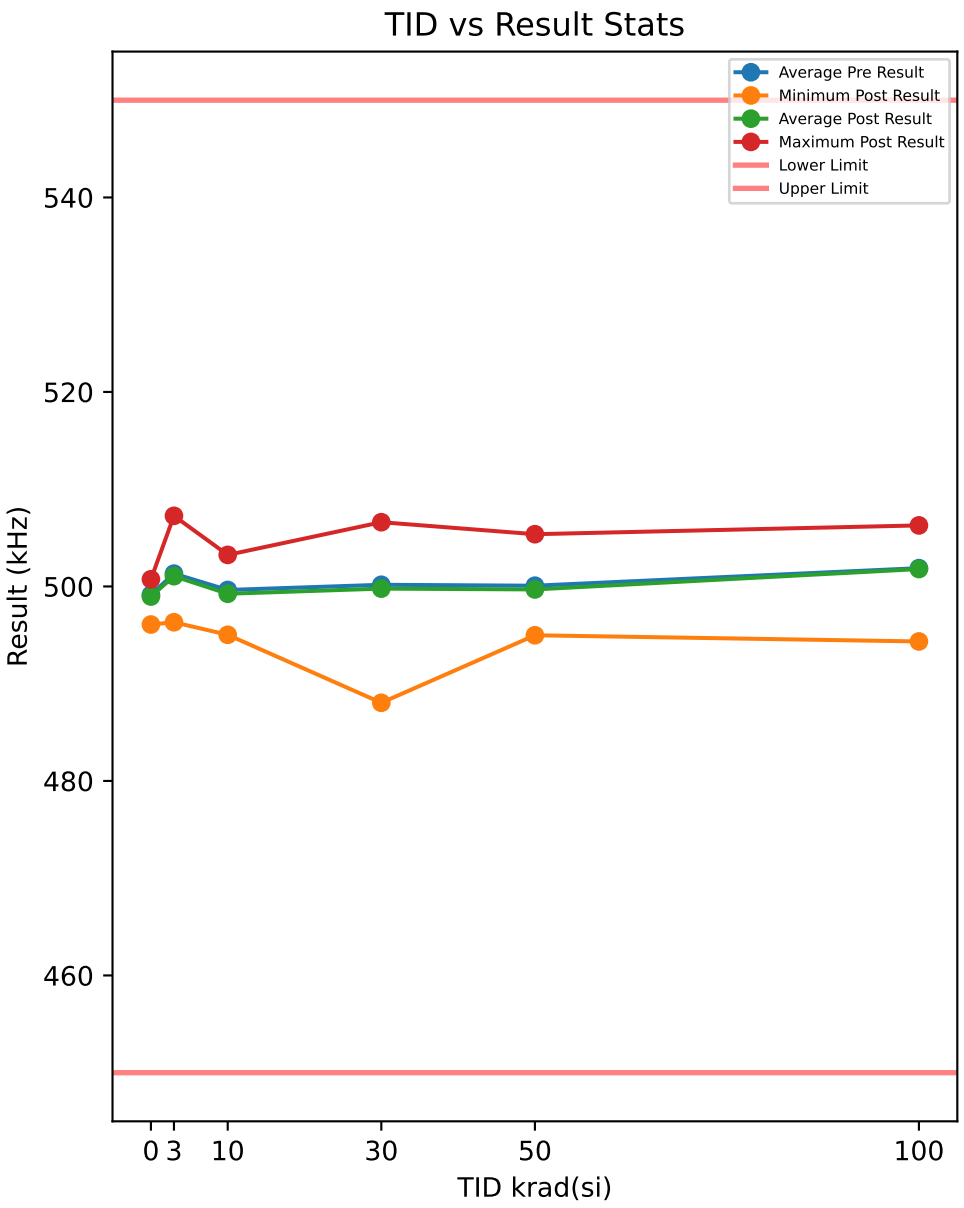
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

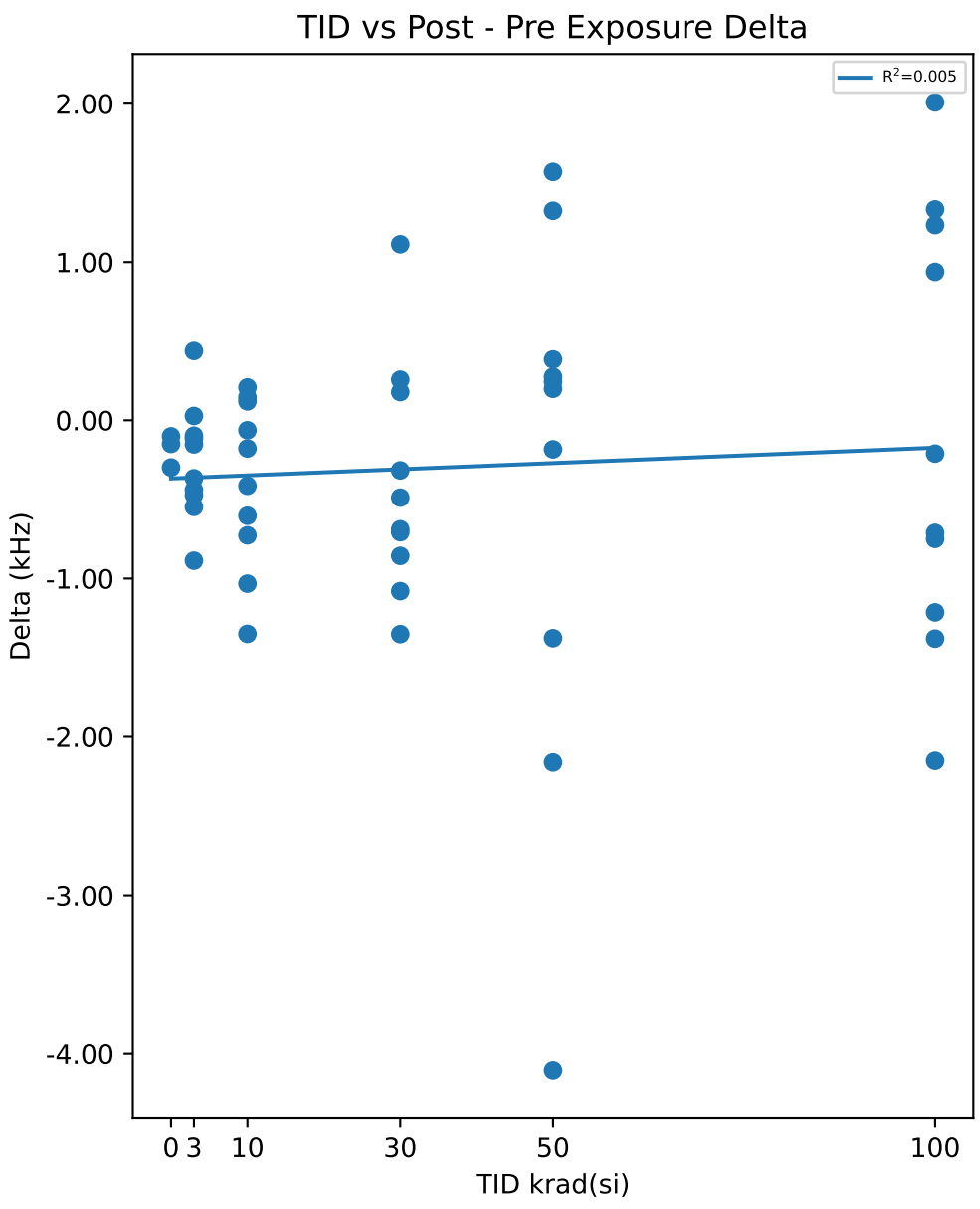
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.06	499.82	-0.2392
2	3	HDR BIAS	500.07	499.79	-0.2848
3	3	HDR BIAS	500.03	499.83	-0.1953
4	3	HDR BIAS	500.01	499.81	-0.204
5	3	HDR BIAS	500.06	499.79	-0.2646
6	3	HDR UNBIAS	500.06	499.82	-0.235
7	3	HDR UNBIAS	500.06	499.81	-0.2505
8	3	HDR UNBIAS	500.05	499.56	-0.4855
9	3	HDR UNBIAS	500.11	499.83	-0.2812
10	3	HDR UNBIAS	500.09	499.81	-0.277
11	10	HDR BIAS	500.08	499.84	-0.2406
12	10	HDR BIAS	500.05	499.88	-0.1653
13	10	HDR BIAS	500.03	499.82	-0.2109
14	10	HDR BIAS	500.04	499.84	-0.1949
15	10	HDR BIAS	500.05	499.89	-0.1638
16	10	HDR UNBIAS	500.07	499.87	-0.2029
17	10	HDR UNBIAS	500.07	499.81	-0.2636
18	10	HDR UNBIAS	500.09	499.84	-0.2463
19	10	HDR UNBIAS	500.01	499.87	-0.1448
20	10	HDR UNBIAS	500	499.85	-0.1538
31	30	HDR BIAS	500.02	499.82	-0.2033
32	30	HDR BIAS	500.09	499.78	-0.302
33	30	HDR BIAS	500.04	499.83	-0.2038
34	30	HDR BIAS	499.98	499.81	-0.1649
35	30	HDR BIAS	500.07	499.81	-0.2692
36	30	HDR UNBIAS	500.06	499.89	-0.1707
37	30	HDR UNBIAS	500.08	499.87	-0.2115
38	30	HDR UNBIAS	500.02	499.81	-0.2078
39	30	HDR UNBIAS	500.09	499.89	-0.2018
40	30	HDR UNBIAS	500.05	499.8	-0.2482
41	50	HDR BIAS	500.08	499.84	-0.2398
42	50	HDR BIAS	500.04	499.83	-0.2127
43	50	HDR BIAS	499.99	499.82	-0.1662
44	50	HDR BIAS	500.09	499.8	-0.286
45	50	HDR BIAS	500.07	499.88	-0.1885
46	50	HDR UNBIAS	500.01	499.8	-0.2079
47	50	HDR UNBIAS	500.07	499.78	-0.2873
48	50	HDR UNBIAS	500.08	499.88	-0.2079
49	50	HDR UNBIAS	500.1	499.86	-0.2378
50	50	HDR UNBIAS	500.12	499.84	-0.2773
51	100	HDR BIAS	500.1	499.82	-0.2769
52	100	HDR BIAS	500.07	499.81	-0.268
53	100	HDR BIAS	500.1	499.78	-0.3207
54	100	HDR BIAS	500.09	499.83	-0.255
55	100	HDR BIAS	500.03	499.82	-0.2024
56	100	HDR UNBIAS	500.09	499.85	-0.2402
57	100	HDR UNBIAS	500.05	499.83	-0.2205
58	100	HDR UNBIAS	500.02	499.85	-0.1692
59	100	HDR UNBIAS	500.07	499.79	-0.2863
60	100	HDR UNBIAS	500.09	499.82	-0.2703
71	0	CORRELATION	500	499.82	-0.1774
72	0	CORRELATION	500.03	499.8	-0.2363
73	0	CORRELATION	500.03	499.83	-0.2064

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500	500.02	500.03	0.019891	499.8	499.81	499.83	0.014907	-0.2363	-0.2067	-0.1774	0.029451
3	500.01	500.06	500.11	0.027955	499.56	499.79	499.83	0.081094	-0.4855	-0.27171	-0.1953	0.081188
10	500	500.05	500.09	0.027953	499.81	499.85	499.89	0.02646	-0.2636	-0.19869	-0.1448	0.041725
30	499.98	500.05	500.09	0.035946	499.78	499.83	499.89	0.037494	-0.302	-0.21832	-0.1649	0.042781
50	499.99	500.06	500.12	0.040977	499.78	499.83	499.88	0.033064	-0.2873	-0.23114	-0.1662	0.041991
100	500.02	500.07	500.1	0.028834	499.78	499.82	499.85	0.023067	-0.3207	-0.25095	-0.1692	0.044162

Device Test: 20.89 LEVEL|FREQ/RT/5/5/0/1000/5/500kHz//@FSW_EXT_RT_C





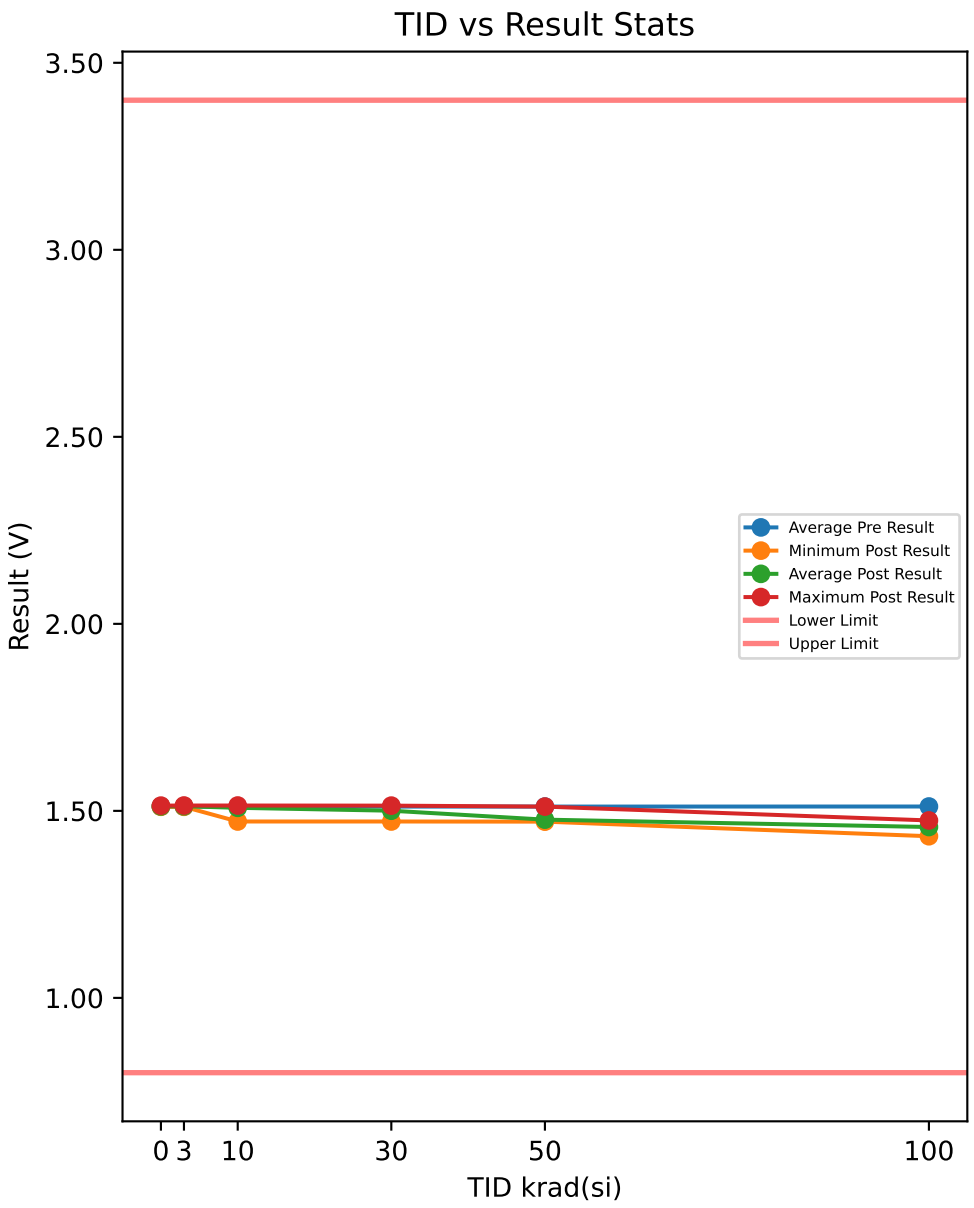
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

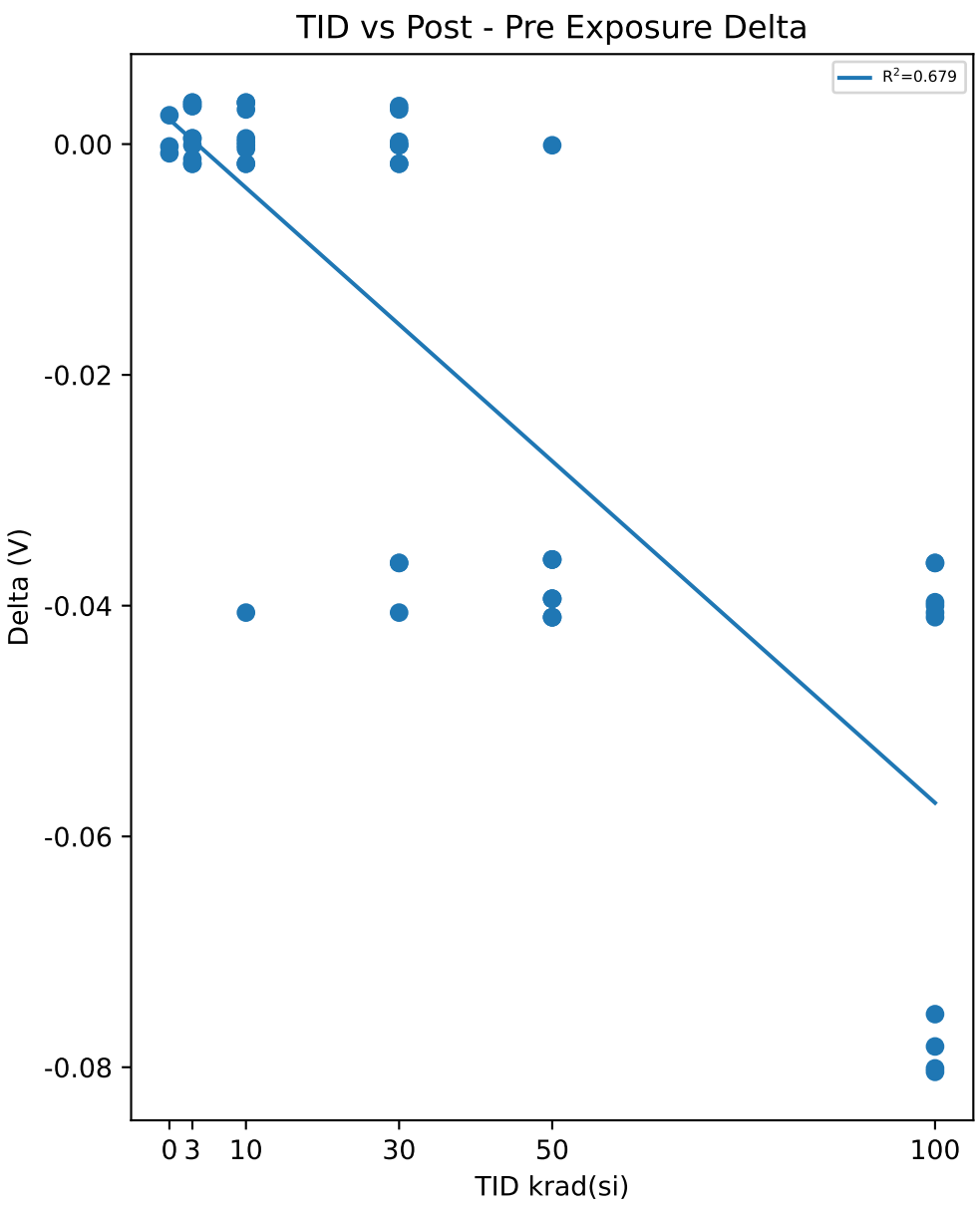
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	498.44	498.46	0.0273
2	3	HDR BIAS	507.63	507.26	-0.3668
3	3	HDR BIAS	497.22	496.75	-0.4726
4	3	HDR BIAS	503.51	503.39	-0.1162
5	3	HDR BIAS	499.23	499.13	-0.0973
6	3	HDR UNBIAS	496.76	496.32	-0.4408
7	3	HDR UNBIAS	504.1	503.94	-0.1527
8	3	HDR UNBIAS	501.36	501.8	0.4379
9	3	HDR UNBIAS	502.41	501.52	-0.8873
10	3	HDR UNBIAS	502.53	501.98	-0.5474
11	10	HDR BIAS	501.57	501.78	0.2075
12	10	HDR BIAS	498.54	498.37	-0.1784
13	10	HDR BIAS	502.14	502.07	-0.0632
14	10	HDR BIAS	499.89	500.01	0.1195
15	10	HDR BIAS	496.06	495.03	-1.0323
16	10	HDR UNBIAS	495.04	495.19	0.1456
17	10	HDR UNBIAS	496.65	495.3	-1.3496
18	10	HDR UNBIAS	502.16	501.44	-0.7272
19	10	HDR UNBIAS	503.66	503.24	-0.4142
20	10	HDR UNBIAS	500.66	500.06	-0.6034
31	30	HDR BIAS	497.62	498.73	1.1124
32	30	HDR BIAS	506.43	506.61	0.178
33	30	HDR BIAS	497.82	497.13	-0.689
34	30	HDR BIAS	488.89	488.04	-0.857
35	30	HDR BIAS	503.18	501.83	-1.3513
36	30	HDR UNBIAS	503.25	502.93	-0.3169
37	30	HDR UNBIAS	500.87	501.13	0.2564
38	30	HDR UNBIAS	498.5	498.01	-0.4888
39	30	HDR UNBIAS	505.88	505.17	-0.7073
40	30	HDR UNBIAS	499.28	498.2	-1.0795
41	50	HDR BIAS	499.47	498.09	-1.377
42	50	HDR BIAS	502.78	500.62	-2.162
43	50	HDR BIAS	494.6	494.98	0.3844
44	50	HDR BIAS	502.48	502.68	0.1989
45	50	HDR BIAS	495.34	495.61	0.2746
46	50	HDR UNBIAS	501.94	502.18	0.2439
47	50	HDR UNBIAS	500.77	500.58	-0.184
48	50	HDR UNBIAS	499.99	495.88	-4.1052
49	50	HDR UNBIAS	499.6	500.93	1.3237
50	50	HDR UNBIAS	503.8	505.37	1.5688
51	100	HDR BIAS	495.72	494.34	-1.3798
52	100	HDR BIAS	496.65	495.94	-0.7117
53	100	HDR BIAS	497.22	498.56	1.3323
54	100	HDR BIAS	504.85	504.64	-0.2109
55	100	HDR BIAS	504.32	503.1	-1.2139
56	100	HDR UNBIAS	503.15	504.38	1.2334
57	100	HDR UNBIAS	500.92	502.93	2.0078
58	100	HDR UNBIAS	501.7	502.63	0.938
59	100	HDR UNBIAS	507.03	506.28	-0.7495
60	100	HDR UNBIAS	507.25	505.1	-2.1517
71	0	CORRELATION	496.23	496.08	-0.1495
72	0	CORRELATION	500.17	500.07	-0.1015
73	0	CORRELATION	501.03	500.74	-0.2985

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.23	499.15	501.03	2.5588	496.08	498.96	500.74	2.5152	-0.2985	-0.18317	-0.1015	0.10272
3	496.76	501.32	507.63	3.4194	496.32	501.06	507.26	3.4216	-0.8873	-0.26159	0.4379	0.36418
10	495.04	499.64	503.66	2.9376	495.03	499.25	503.24	3.1097	-1.3496	-0.38957	0.2075	0.53211
30	488.89	500.17	506.43	5.0945	488.04	499.78	506.61	5.1993	-1.3513	-0.3943	1.1124	0.73184
50	494.6	500.08	503.8	3.055	494.98	499.69	505.37	3.4394	-4.1052	-0.38339	1.5688	1.7167
100	495.72	501.88	507.25	4.2108	494.34	501.79	506.28	4.0798	-2.1517	-0.0906	2.0078	1.3842

Device Test: 20.9 LEVEL|LOW_LEVEL/SYNC/5.5/5.5/0/0/5.5/500kHz//@SYNC_VIL_TH_LOW_5P5





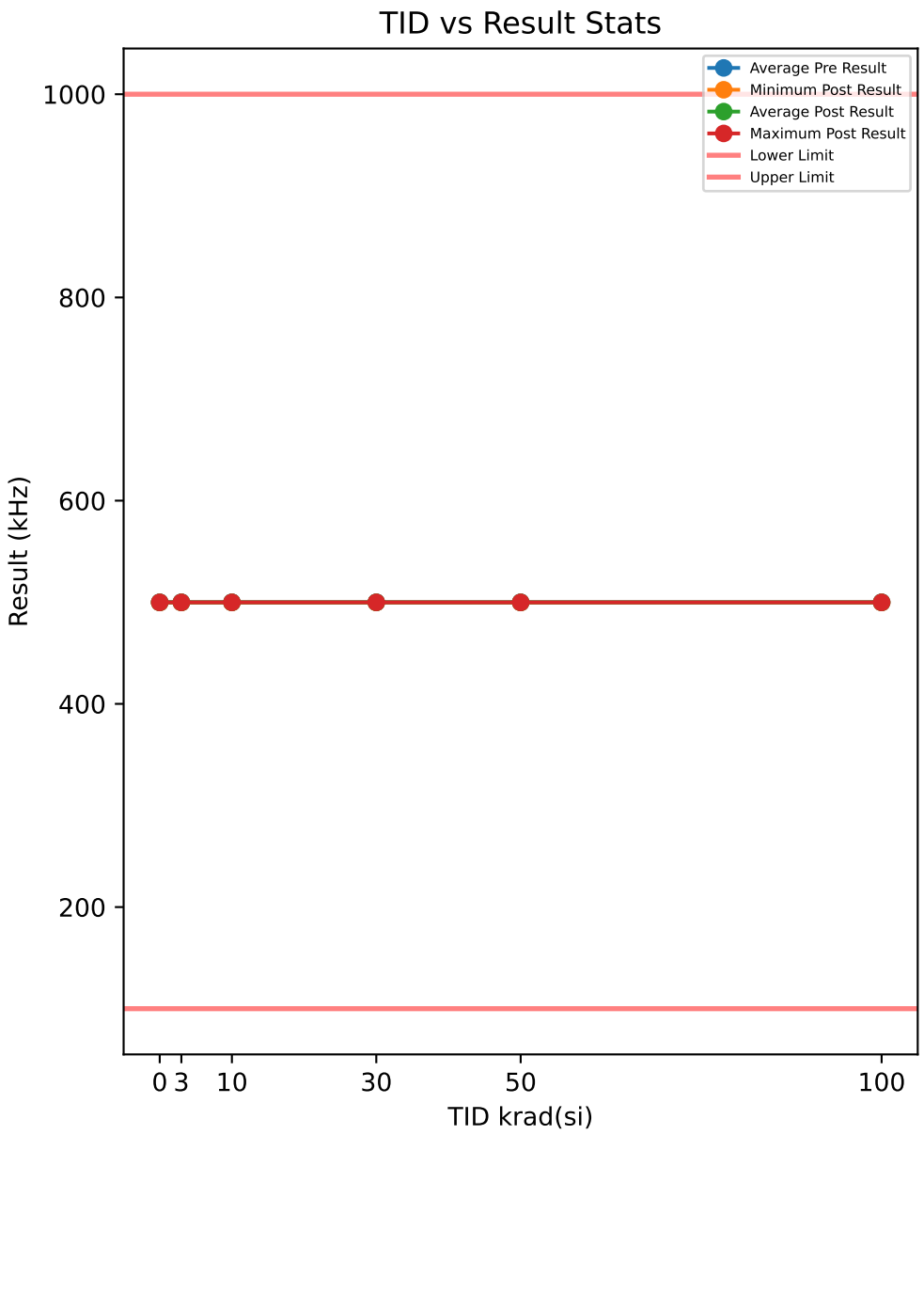
Test Results (Lower Limit = 0.8, Upper Limit = 3.4 (V))

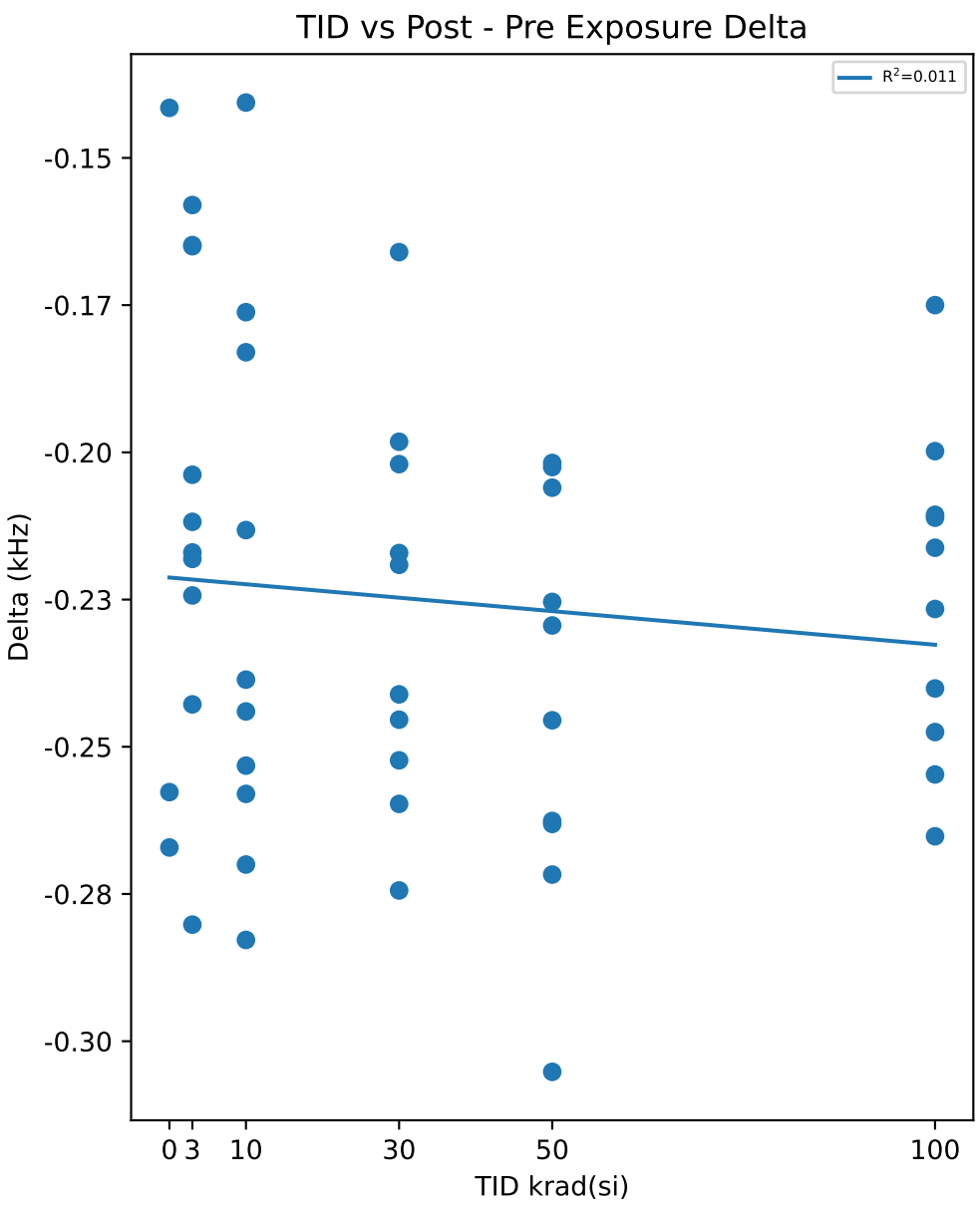
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.5104	1.514	0.0036
2	3	HDR BIAS	1.5115	1.5114	-0.0001
3	3	HDR BIAS	1.5122	1.5109	-0.0013
4	3	HDR BIAS	1.5107	1.514	0.0033
5	3	HDR BIAS	1.5112	1.5117	0.0005
6	3	HDR UNBIAS	1.5126	1.5109	-0.0017
7	3	HDR UNBIAS	1.5107	1.514	0.0033
8	3	HDR UNBIAS	1.5115	1.512	0.0005
9	3	HDR UNBIAS	1.5126	1.5109	-0.0017
10	3	HDR UNBIAS	1.5107	1.5143	0.0036
11	10	HDR BIAS	1.5115	1.5117	0.0002
12	10	HDR BIAS	1.5122	1.4716	-0.0406
13	10	HDR BIAS	1.5107	1.5143	0.0036
14	10	HDR BIAS	1.5115	1.5114	-0.0001
15	10	HDR BIAS	1.5126	1.5109	-0.0017
16	10	HDR UNBIAS	1.5104	1.514	0.0036
17	10	HDR UNBIAS	1.5118	1.5114	-0.0004
18	10	HDR UNBIAS	1.5126	1.5109	-0.0017
19	10	HDR UNBIAS	1.5107	1.5137	0.003
20	10	HDR UNBIAS	1.5112	1.5117	0.0005
31	30	HDR BIAS	1.5107	1.4744	-0.0363
32	30	HDR BIAS	1.5115	1.5114	-0.0001
33	30	HDR BIAS	1.5126	1.5109	-0.0017
34	30	HDR BIAS	1.5107	1.5137	0.003
35	30	HDR BIAS	1.5115	1.5114	-0.0001
36	30	HDR UNBIAS	1.5126	1.5109	-0.0017
37	30	HDR UNBIAS	1.5107	1.4744	-0.0363
38	30	HDR UNBIAS	1.5112	1.5114	0.0002
39	30	HDR UNBIAS	1.5122	1.4716	-0.0406
40	30	HDR UNBIAS	1.5107	1.514	0.0033
41	50	HDR BIAS	1.5115	1.5114	-0.0001
42	50	HDR BIAS	1.5122	1.4712	-0.041
43	50	HDR BIAS	1.5107	1.4747	-0.036
44	50	HDR BIAS	1.5115	1.4721	-0.0394
45	50	HDR BIAS	1.5122	1.4712	-0.041
46	50	HDR UNBIAS	1.5104	1.4744	-0.036
47	50	HDR UNBIAS	1.5115	1.4721	-0.0394
48	50	HDR UNBIAS	1.5126	1.4716	-0.041
49	50	HDR UNBIAS	1.5107	1.4747	-0.036
50	50	HDR UNBIAS	1.5115	1.4721	-0.0394
51	100	HDR BIAS	1.5126	1.4716	-0.041
52	100	HDR BIAS	1.5107	1.4744	-0.0363
53	100	HDR BIAS	1.5112	1.433	-0.0782
54	100	HDR BIAS	1.5122	1.4716	-0.0406
55	100	HDR BIAS	1.5107	1.4744	-0.0363
56	100	HDR UNBIAS	1.5115	1.4718	-0.0397
57	100	HDR UNBIAS	1.5126	1.4325	-0.0801
58	100	HDR UNBIAS	1.5107	1.4353	-0.0754
59	100	HDR UNBIAS	1.5118	1.4718	-0.04
60	100	HDR UNBIAS	1.5126	1.4322	-0.0804
71	0	CORRELATION	1.5115	1.514	0.0025
72	0	CORRELATION	1.5122	1.5114	-0.0008
73	0	CORRELATION	1.5111	1.5109	-0.0002

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	1.5111	1.5116	1.5122	0.00055678	1.5109	1.5121	1.514	0.0016643	-0.0008	0.0005	0.0025	0.0017578
3	1.5104	1.5114	1.5126	0.00081982	1.5109	1.5124	1.5143	0.0014791	-0.0017	0.001	0.0036	0.0022529
10	1.5104	1.5115	1.5126	0.00078712	1.4716	1.5082	1.5143	0.012911	-0.0406	-0.00336	0.0036	0.013236
30	1.5107	1.5114	1.5126	0.00078344	1.4716	1.5004	1.514	0.018639	-0.0406	-0.01103	0.0033	0.018538
50	1.5104	1.5115	1.5126	0.0007208	1.4712	1.4766	1.5114	0.012325	-0.041	-0.03493	-0.0001	0.012414
100	1.5107	1.5117	1.5126	0.00081404	1.4322	1.4569	1.4744	0.020363	-0.0804	-0.0548	-0.0363	0.020524

Device Test: 20.90 LEVEL|FREQ/SYNC/5/5/0/1000/5/500kHz//@FREQ_SYNC_EXT





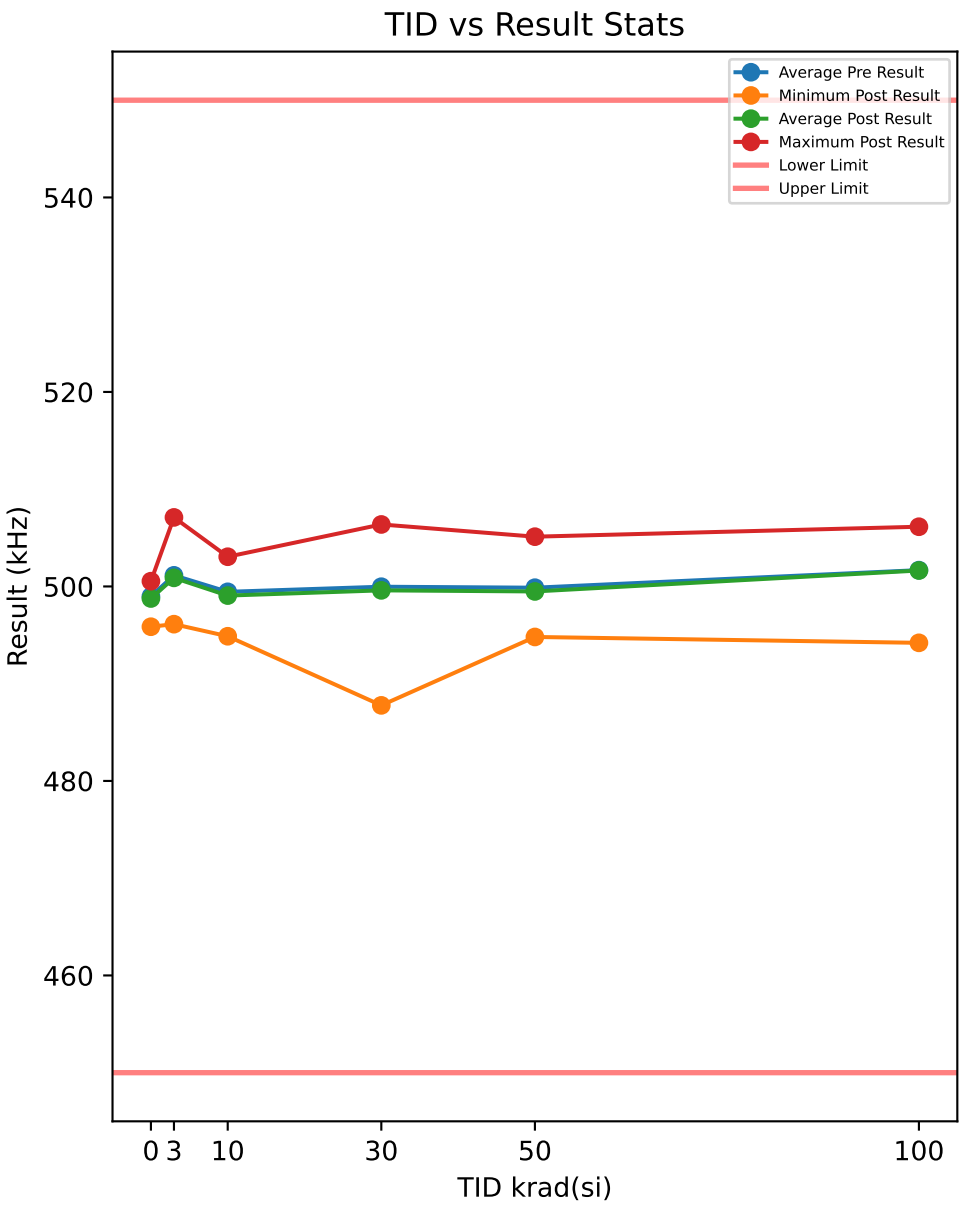
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

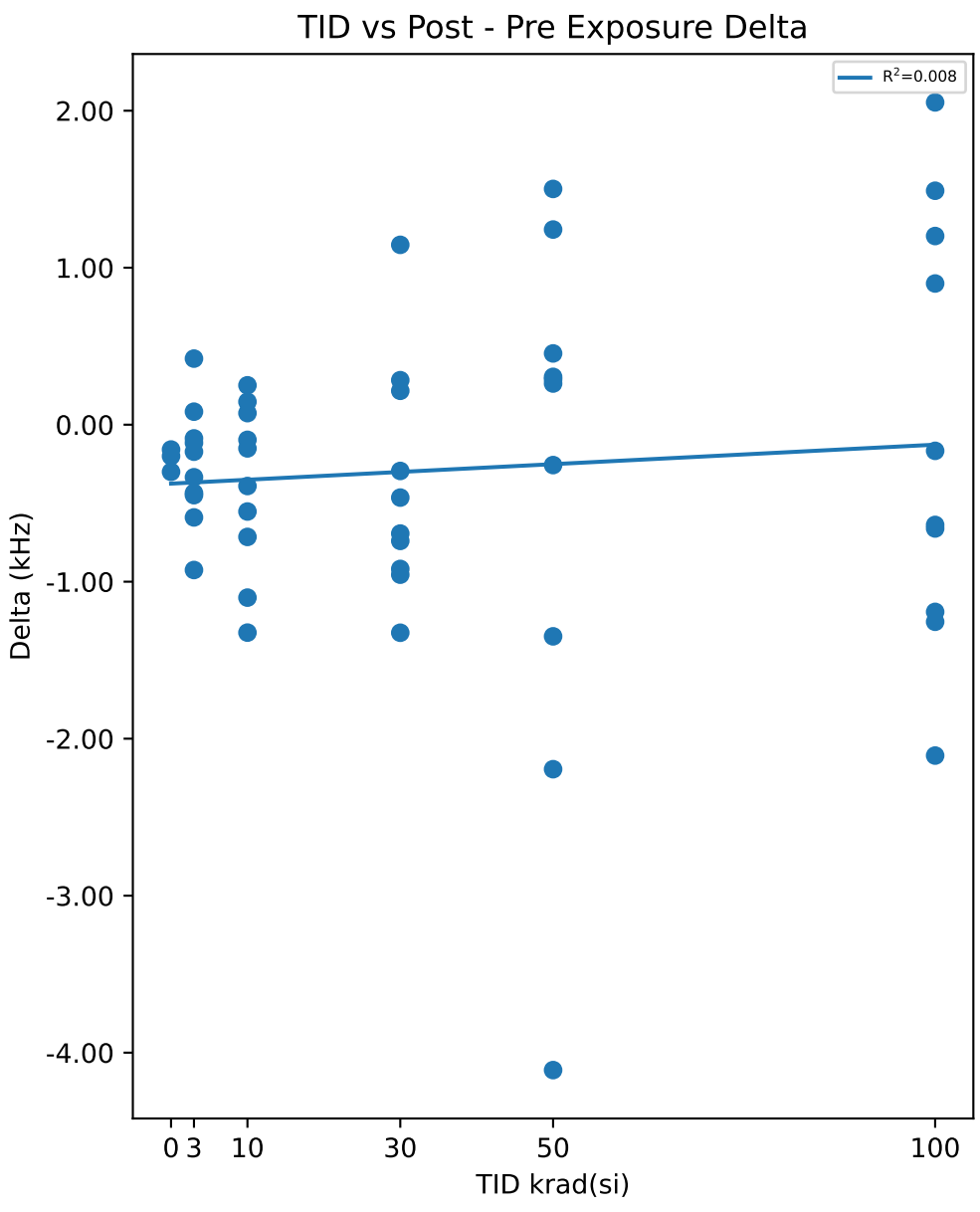
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.07	499.85	-0.2118
2	3	HDR BIAS	500.06	499.84	-0.2243
3	3	HDR BIAS	500.03	499.87	-0.158
4	3	HDR BIAS	500.02	499.86	-0.1648
5	3	HDR BIAS	500.07	499.79	-0.2802
6	3	HDR UNBIAS	500.04	499.82	-0.2181
7	3	HDR UNBIAS	500.07	499.86	-0.2038
8	3	HDR UNBIAS	500.02	499.85	-0.165
9	3	HDR UNBIAS	500.08	499.83	-0.2428
10	3	HDR UNBIAS	500.07	499.86	-0.217
11	10	HDR BIAS	500.07	499.79	-0.2828
12	10	HDR BIAS	500.07	499.83	-0.244
13	10	HDR BIAS	500.07	499.81	-0.2532
14	10	HDR BIAS	500.05	499.81	-0.2386
15	10	HDR BIAS	500.06	499.88	-0.1762
16	10	HDR UNBIAS	500	499.86	-0.1406
17	10	HDR UNBIAS	500.05	499.78	-0.27
18	10	HDR UNBIAS	500.09	499.87	-0.2132
19	10	HDR UNBIAS	500.03	499.85	-0.183
20	10	HDR UNBIAS	500.04	499.78	-0.258
31	30	HDR BIAS	499.98	499.81	-0.166
32	30	HDR BIAS	500.09	499.83	-0.2597
33	30	HDR BIAS	500.04	499.82	-0.2171
34	30	HDR BIAS	500.01	499.81	-0.1982
35	30	HDR BIAS	500.06	499.79	-0.2744
36	30	HDR UNBIAS	500.07	499.83	-0.2454
37	30	HDR UNBIAS	500.03	499.81	-0.2191
38	30	HDR UNBIAS	500.08	499.84	-0.2411
39	30	HDR UNBIAS	500.08	499.88	-0.202
40	30	HDR UNBIAS	500.07	499.81	-0.2523
41	50	HDR BIAS	500.08	499.81	-0.2717
42	50	HDR BIAS	500.08	499.83	-0.2455
43	50	HDR BIAS	500.02	499.81	-0.206
44	50	HDR BIAS	500.07	499.84	-0.2254
45	50	HDR BIAS	500.03	499.83	-0.2025
46	50	HDR UNBIAS	500.06	499.8	-0.2626
47	50	HDR UNBIAS	500.09	499.79	-0.3052
48	50	HDR UNBIAS	500.08	499.82	-0.2631
49	50	HDR UNBIAS	500.06	499.83	-0.2294
50	50	HDR UNBIAS	500.03	499.83	-0.2018
51	100	HDR BIAS	500.04	499.86	-0.175
52	100	HDR BIAS	500.06	499.82	-0.2475
53	100	HDR BIAS	500.05	499.79	-0.2547
54	100	HDR BIAS	500.05	499.84	-0.2111
55	100	HDR BIAS	500.07	499.83	-0.2401
56	100	HDR UNBIAS	500.04	499.82	-0.2162
57	100	HDR UNBIAS	500.08	499.87	-0.2106
58	100	HDR UNBIAS	500.03	499.83	-0.1998
59	100	HDR UNBIAS	500.03	499.8	-0.2266
60	100	HDR UNBIAS	500.1	499.83	-0.2652
71	0	CORRELATION	500.07	499.81	-0.2577
72	0	CORRELATION	500.05	499.78	-0.2671
73	0	CORRELATION	500.01	499.87	-0.1415

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.01	500.04	500.07	0.030237	499.78	499.82	499.87	0.04432	-0.2671	-0.2221	-0.1415	0.06996
3	500.02	500.05	500.08	0.022197	499.79	499.84	499.87	0.025706	-0.2802	-0.20858	-0.158	0.038176
10	500	500.05	500.09	0.024905	499.78	499.83	499.88	0.037245	-0.2828	-0.22596	-0.1406	0.046182
30	499.98	500.05	500.09	0.037074	499.79	499.82	499.88	0.024106	-0.2744	-0.22753	-0.166	0.033043
50	500.02	500.06	500.09	0.025541	499.79	499.82	499.84	0.017943	-0.3052	-0.24132	-0.2018	0.034416
100	500.03	500.05	500.1	0.022903	499.79	499.83	499.87	0.025193	-0.2652	-0.22468	-0.175	0.027582

Device Test: 20.91 LEVEL|FREQ/RT/12/12/0/1000/5/500kHz//@FSW_EXT_RT_C





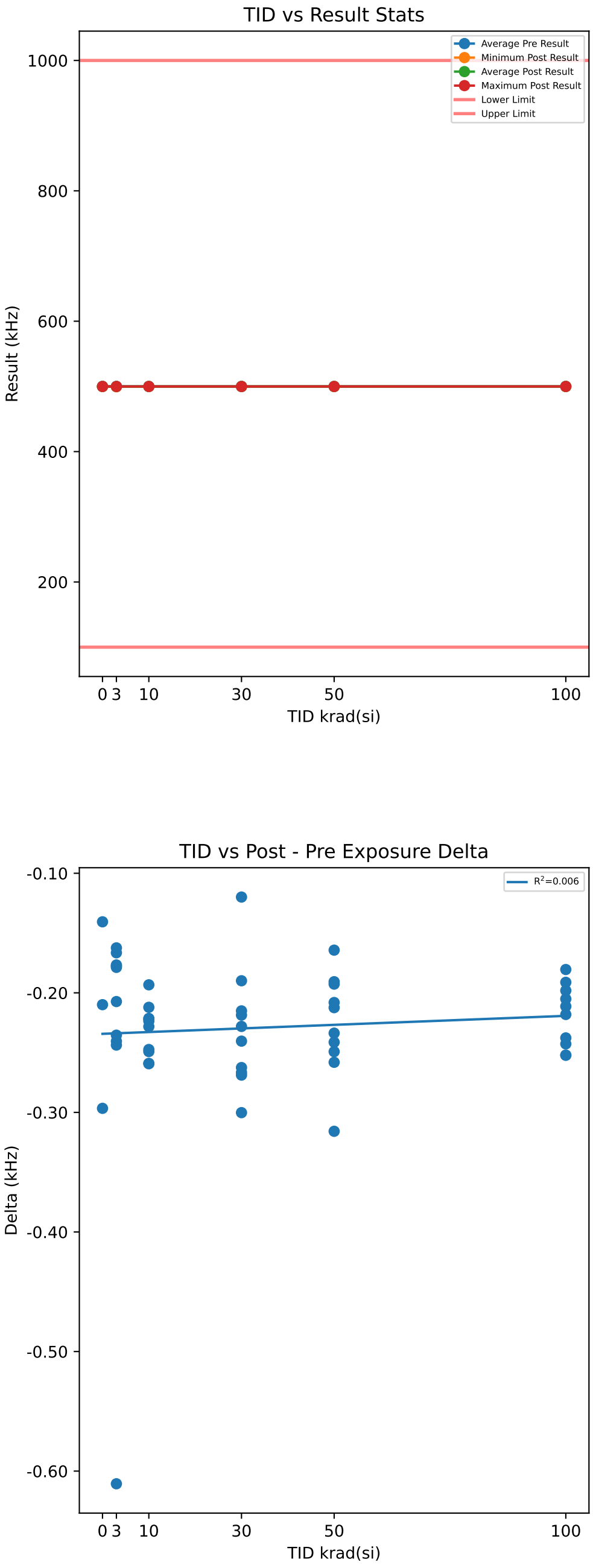
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	498.23	498.32	0.083
2	3	HDR BIAS	507.43	507.1	-0.3347
3	3	HDR BIAS	497	496.55	-0.4489
4	3	HDR BIAS	503.28	503.17	-0.1154
5	3	HDR BIAS	499.07	498.98	-0.0873
6	3	HDR UNBIAS	496.56	496.12	-0.4348
7	3	HDR UNBIAS	503.98	503.81	-0.172
8	3	HDR UNBIAS	501.19	501.61	0.421
9	3	HDR UNBIAS	502.29	501.37	-0.9256
10	3	HDR UNBIAS	502.39	501.8	-0.5906
11	10	HDR BIAS	501.29	501.54	0.2509
12	10	HDR BIAS	498.31	498.15	-0.1509
13	10	HDR BIAS	501.91	501.82	-0.0964
14	10	HDR BIAS	499.7	499.78	0.0738
15	10	HDR BIAS	495.98	494.88	-1.1015
16	10	HDR UNBIAS	494.89	495.03	0.1461
17	10	HDR UNBIAS	496.48	495.15	-1.3244
18	10	HDR UNBIAS	502	501.29	-0.7148
19	10	HDR UNBIAS	503.45	503.06	-0.3906
20	10	HDR UNBIAS	500.47	499.92	-0.553
31	30	HDR BIAS	497.39	498.54	1.1457
32	30	HDR BIAS	506.16	506.37	0.2159
33	30	HDR BIAS	497.68	496.98	-0.6933
34	30	HDR BIAS	488.69	487.77	-0.9188
35	30	HDR BIAS	503	501.68	-1.3252
36	30	HDR UNBIAS	503.09	502.8	-0.2946
37	30	HDR UNBIAS	500.65	500.93	0.2836
38	30	HDR UNBIAS	498.31	497.85	-0.4643
39	30	HDR UNBIAS	505.69	504.95	-0.7402
40	30	HDR UNBIAS	499.05	498.1	-0.9553
41	50	HDR BIAS	499.29	497.94	-1.3481
42	50	HDR BIAS	502.57	500.38	-2.1944
43	50	HDR BIAS	494.35	494.81	0.454
44	50	HDR BIAS	502.25	502.56	0.3047
45	50	HDR BIAS	495.16	495.44	0.2885
46	50	HDR UNBIAS	501.73	501.99	0.2623
47	50	HDR UNBIAS	500.57	500.32	-0.2572
48	50	HDR UNBIAS	499.78	495.67	-4.111
49	50	HDR UNBIAS	499.39	500.64	1.2431
50	50	HDR UNBIAS	503.62	505.12	1.5018
51	100	HDR BIAS	495.46	494.2	-1.2553
52	100	HDR BIAS	496.45	495.82	-0.6384
53	100	HDR BIAS	497.03	498.52	1.4903
54	100	HDR BIAS	504.66	504.49	-0.1665
55	100	HDR BIAS	504.08	502.89	-1.1923
56	100	HDR UNBIAS	503.01	504.21	1.2018
57	100	HDR UNBIAS	500.71	502.77	2.053
58	100	HDR UNBIAS	501.55	502.45	0.8994
59	100	HDR UNBIAS	506.8	506.14	-0.661
60	100	HDR UNBIAS	507.01	504.9	-2.1076
71	0	CORRELATION	496.06	495.86	-0.2003
72	0	CORRELATION	500.04	499.88	-0.1581
73	0	CORRELATION	500.84	500.54	-0.3003

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.06	498.98	500.84	2.5617	495.86	498.76	500.54	2.535	-0.3003	-0.21957	-0.1581	0.073032
3	496.56	501.14	507.43	3.4329	496.12	500.88	507.1	3.4265	-0.9256	-0.26053	0.421	0.37476
10	494.89	499.45	503.45	2.9065	494.88	499.06	503.06	3.0858	-1.3244	-0.38608	0.2509	0.53415
30	488.69	499.97	506.16	5.0899	487.77	499.6	506.37	5.2076	-1.3252	-0.37465	1.1457	0.73635
50	494.35	499.87	503.62	3.0592	494.81	499.49	505.12	3.4225	-4.111	-0.38563	1.5018	1.7115
100	495.46	501.68	507.01	4.212	494.2	501.64	506.14	4.0568	-2.1076	-0.03766	2.053	1.3738

Device Test: 20.92 LEVEL|FREQ/SYNC/12/12/0/1000/5/500kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

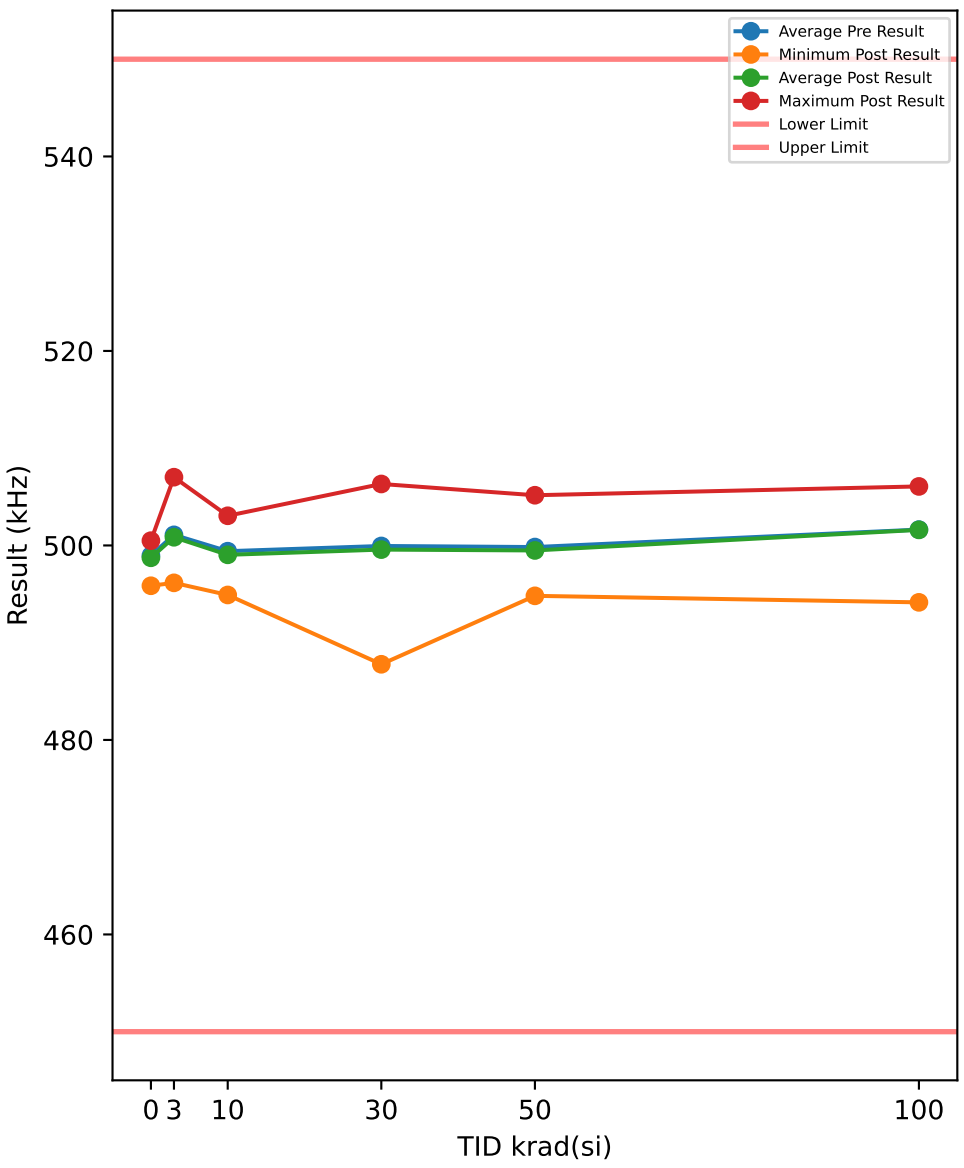
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.05	499.44	-0.6106
2	3	HDR BIAS	500.03	499.85	-0.1787
3	3	HDR BIAS	500.04	499.87	-0.1767
4	3	HDR BIAS	500.05	499.85	-0.2073
5	3	HDR BIAS	500.03	499.79	-0.2437
6	3	HDR UNBIAS	500.04	499.87	-0.1665
7	3	HDR UNBIAS	500.01	499.85	-0.1624
8	3	HDR UNBIAS	500.07	499.83	-0.2405
9	3	HDR UNBIAS	500.04	499.86	-0.1776
10	3	HDR UNBIAS	500.05	499.82	-0.2354
11	10	HDR BIAS	500.04	499.79	-0.2491
12	10	HDR BIAS	500.08	499.86	-0.2219
13	10	HDR BIAS	500.05	499.82	-0.2236
14	10	HDR BIAS	500.04	499.78	-0.259
15	10	HDR BIAS	500.07	499.82	-0.2474
16	10	HDR UNBIAS	500.05	499.82	-0.2282
17	10	HDR UNBIAS	500.03	499.81	-0.2214
18	10	HDR UNBIAS	500.04	499.83	-0.2121
19	10	HDR UNBIAS	500.04	499.85	-0.1933
20	10	HDR UNBIAS	500.07	499.81	-0.2593
31	30	HDR BIAS	500.05	499.81	-0.2404
32	30	HDR BIAS	500.05	499.78	-0.2688
33	30	HDR BIAS	500.04	499.83	-0.2151
34	30	HDR BIAS	500.02	499.83	-0.1899
35	30	HDR BIAS	500.06	499.83	-0.2281
36	30	HDR UNBIAS	500.09	499.82	-0.2666
37	30	HDR UNBIAS	499.97	499.85	-0.1199
38	30	HDR UNBIAS	500.08	499.78	-0.3002
39	30	HDR UNBIAS	500.04	499.83	-0.2186
40	30	HDR UNBIAS	500.08	499.82	-0.2625
41	50	HDR BIAS	500.07	499.82	-0.2581
42	50	HDR BIAS	500.07	499.82	-0.2492
43	50	HDR BIAS	500.01	499.81	-0.2081
44	50	HDR BIAS	500	499.81	-0.1907
45	50	HDR BIAS	500.08	499.84	-0.2413
46	50	HDR UNBIAS	500.04	499.81	-0.2337
47	50	HDR UNBIAS	500.12	499.8	-0.3158
48	50	HDR UNBIAS	500.02	499.83	-0.1927
49	50	HDR UNBIAS	500.01	499.85	-0.1643
50	50	HDR UNBIAS	500.04	499.83	-0.2124
51	100	HDR BIAS	500.08	499.83	-0.2522
52	100	HDR BIAS	500.05	499.85	-0.2051
53	100	HDR BIAS	500.05	499.83	-0.2181
54	100	HDR BIAS	500.05	499.87	-0.1805
55	100	HDR BIAS	500.06	499.85	-0.2113
56	100	HDR UNBIAS	500.08	499.83	-0.2521
57	100	HDR UNBIAS	500.07	499.87	-0.1981
58	100	HDR UNBIAS	500.05	499.86	-0.1912
59	100	HDR UNBIAS	500.04	499.8	-0.2377
60	100	HDR UNBIAS	500.08	499.83	-0.2427
71	0	CORRELATION	500.06	499.86	-0.2099
72	0	CORRELATION	500.09	499.8	-0.2966
73	0	CORRELATION	500.01	499.87	-0.1406

Test Statistics (kHz)

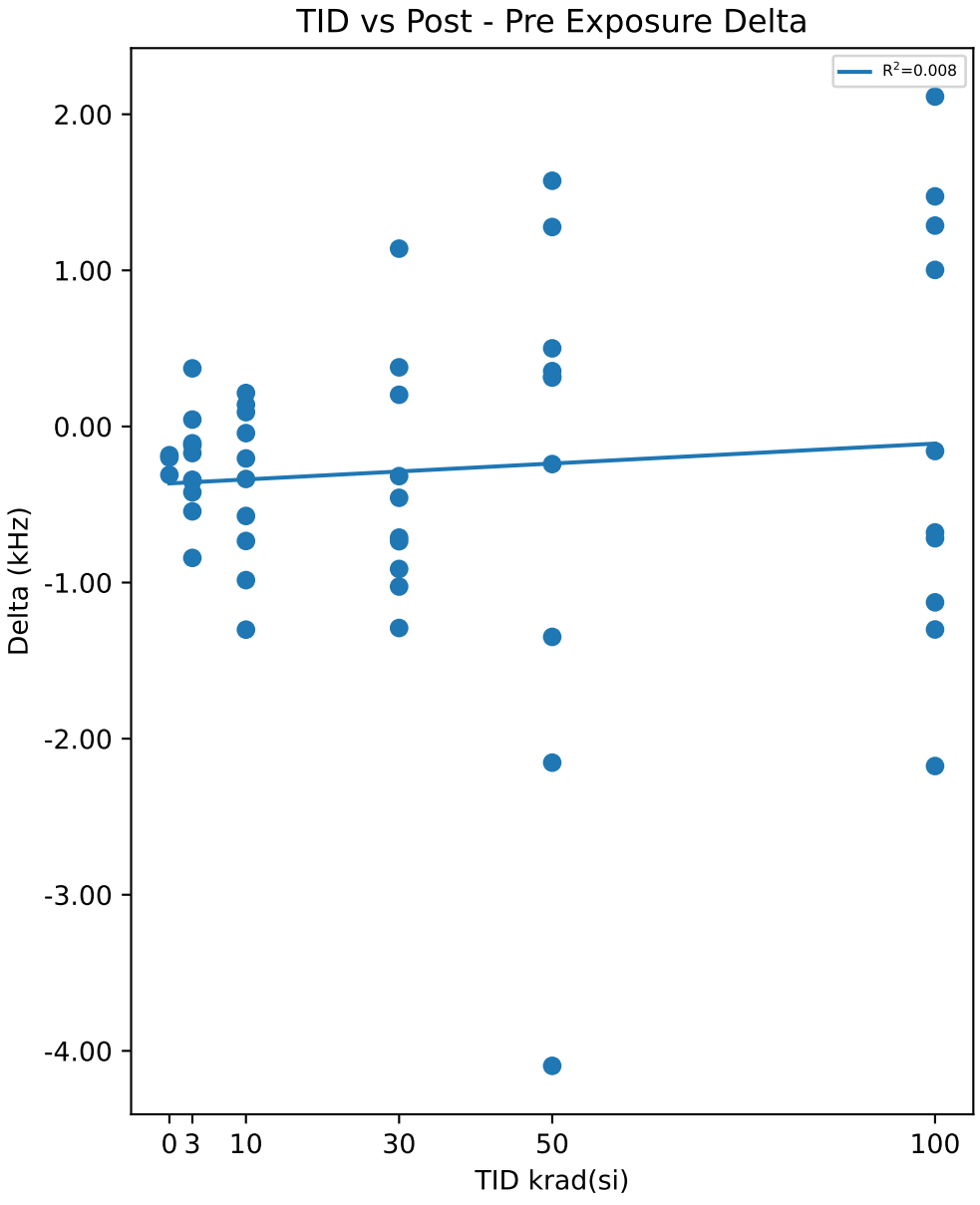
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.01	500.06	500.09	0.04167	499.8	499.84	499.87	0.038769	-0.2966	-0.2157	-0.1406	0.078162
3	500.01	500.04	500.07	0.016304	499.44	499.8	499.87	0.12973	-0.6106	-0.23994	-0.1624	0.13397
10	500.03	500.05	500.08	0.017093	499.78	499.82	499.86	0.024549	-0.2593	-0.23153	-0.1933	0.021589
30	499.97	500.05	500.09	0.034188	499.78	499.82	499.85	0.023124	-0.3002	-0.23101	-0.1199	0.050567
50	500	500.05	500.12	0.037224	499.8	499.82	499.85	0.015492	-0.3158	-0.22663	-0.1643	0.042933
100	500.04	500.06	500.08	0.015724	499.8	499.84	499.87	0.023057	-0.2522	-0.2189	-0.1805	0.025937

Device Test: 20.93 LEVEL|FREQ/RT/14/14/0/1000/5/500kHz//@FSW_EXT_RT_C

TID vs Result Stats



TID vs Post - Pre Exposure Delta



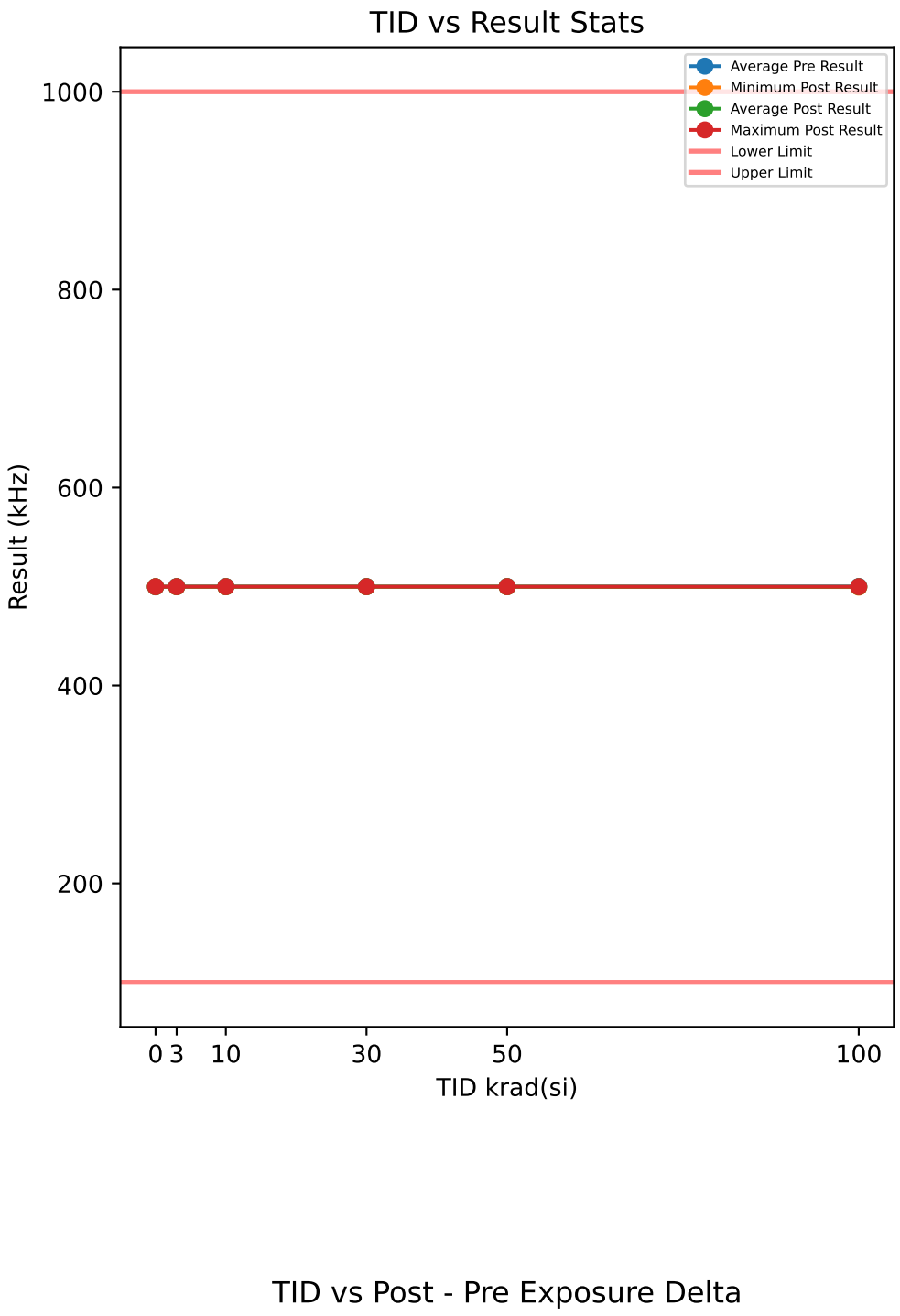
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

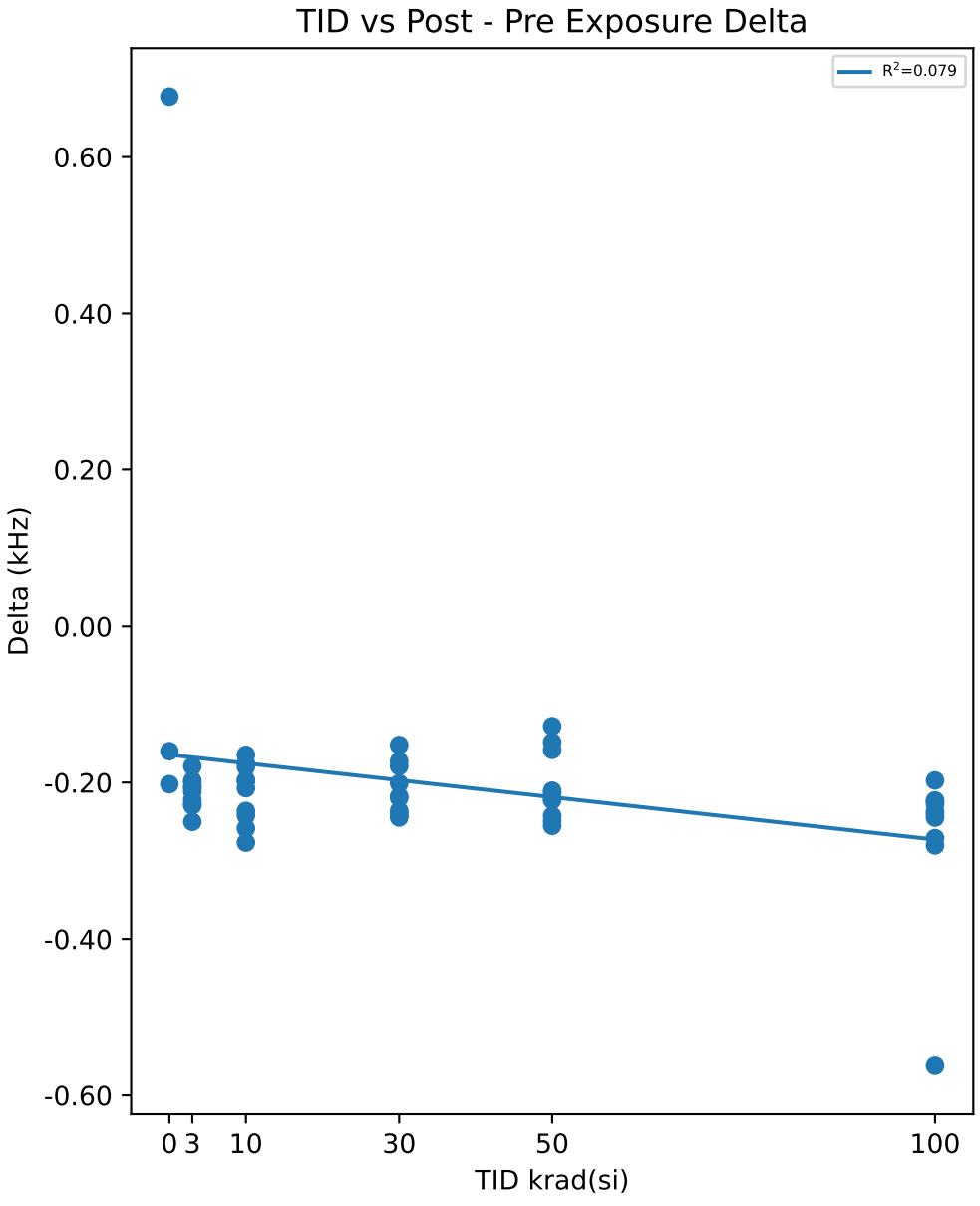
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	498.2	498.25	0.0441
2	3	HDR BIAS	507.37	507.02	-0.3487
3	3	HDR BIAS	496.93	496.51	-0.422
4	3	HDR BIAS	503.3	503.13	-0.1708
5	3	HDR BIAS	499	498.89	-0.1077
6	3	HDR UNBIAS	496.5	496.15	-0.3414
7	3	HDR UNBIAS	503.92	503.8	-0.1211
8	3	HDR UNBIAS	501.17	501.54	0.3721
9	3	HDR UNBIAS	502.18	501.33	-0.8421
10	3	HDR UNBIAS	502.33	501.79	-0.5438
11	10	HDR BIAS	501.29	501.5	0.2145
12	10	HDR BIAS	498.3	498.09	-0.2049
13	10	HDR BIAS	501.87	501.83	-0.0428
14	10	HDR BIAS	499.66	499.8	0.1401
15	10	HDR BIAS	495.89	494.91	-0.9844
16	10	HDR UNBIAS	494.87	494.96	0.0915
17	10	HDR UNBIAS	496.45	495.14	-1.3016
18	10	HDR UNBIAS	501.94	501.21	-0.7337
19	10	HDR UNBIAS	503.39	503.05	-0.3364
20	10	HDR UNBIAS	500.43	499.86	-0.5735
31	30	HDR BIAS	497.38	498.52	1.1391
32	30	HDR BIAS	506.12	506.32	0.2031
33	30	HDR BIAS	497.7	496.97	-0.7351
34	30	HDR BIAS	488.69	487.78	-0.9129
35	30	HDR BIAS	502.97	501.68	-1.291
36	30	HDR UNBIAS	503.03	502.71	-0.3182
37	30	HDR UNBIAS	500.58	500.96	0.3788
38	30	HDR UNBIAS	498.26	497.8	-0.457
39	30	HDR UNBIAS	505.65	504.93	-0.712
40	30	HDR UNBIAS	499.08	498.06	-1.0255
41	50	HDR BIAS	499.26	497.91	-1.3479
42	50	HDR BIAS	502.51	500.36	-2.1536
43	50	HDR BIAS	494.32	494.82	0.5004
44	50	HDR BIAS	502.19	502.5	0.3131
45	50	HDR BIAS	495.1	495.42	0.3195
46	50	HDR UNBIAS	501.68	502.04	0.3546
47	50	HDR UNBIAS	500.57	500.33	-0.241
48	50	HDR UNBIAS	499.75	495.65	-4.096
49	50	HDR UNBIAS	499.38	500.66	1.2776
50	50	HDR UNBIAS	503.59	505.16	1.574
51	100	HDR BIAS	495.45	494.15	-1.3006
52	100	HDR BIAS	496.44	495.76	-0.6789
53	100	HDR BIAS	496.96	498.43	1.474
54	100	HDR BIAS	504.61	504.45	-0.1575
55	100	HDR BIAS	504.01	502.89	-1.1267
56	100	HDR UNBIAS	502.94	504.22	1.2869
57	100	HDR UNBIAS	500.65	502.76	2.1133
58	100	HDR UNBIAS	501.44	502.44	1.0028
59	100	HDR UNBIAS	506.79	506.07	-0.7162
60	100	HDR UNBIAS	507.01	504.84	-2.1753
71	0	CORRELATION	496.05	495.85	-0.1991
72	0	CORRELATION	500.03	499.85	-0.1841
73	0	CORRELATION	500.8	500.49	-0.3103

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	496.05	498.96	500.8	2.5485	495.85	498.73	500.49	2.5123	-0.3103	-0.23117	-0.1841	0.068941
3	496.5	501.09	507.37	3.4345	496.15	500.84	507.02	3.4166	-0.8421	-0.24814	0.3721	0.33353
10	494.87	499.41	503.39	2.9047	494.91	499.04	503.05	3.0851	-1.3016	-0.37312	0.2145	0.51308
30	488.69	499.95	506.12	5.0711	487.78	499.57	506.32	5.1946	-1.291	-0.37307	1.1391	0.74533
50	494.32	499.84	503.59	3.0588	494.82	499.49	505.16	3.4357	-4.096	-0.34993	1.574	1.7241
100	495.45	501.63	507.01	4.2133	494.15	501.6	506.07	4.0665	-2.1753	-0.02782	2.1133	1.4136

Device Test: 20.94 LEVEL|FREQ/SYNC/14/14/0/1000/5/500kHz//@FREQ_SYNC_EXT





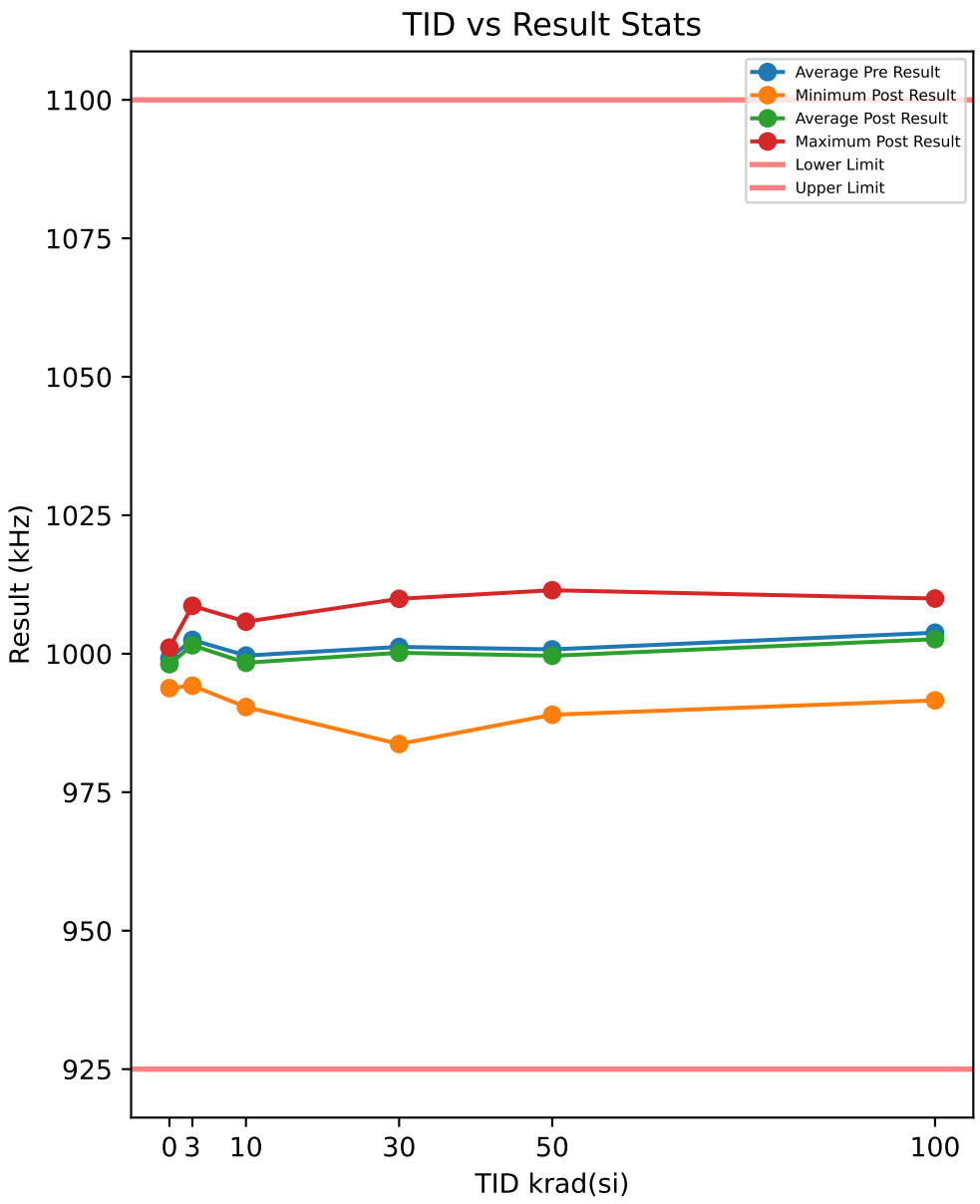
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

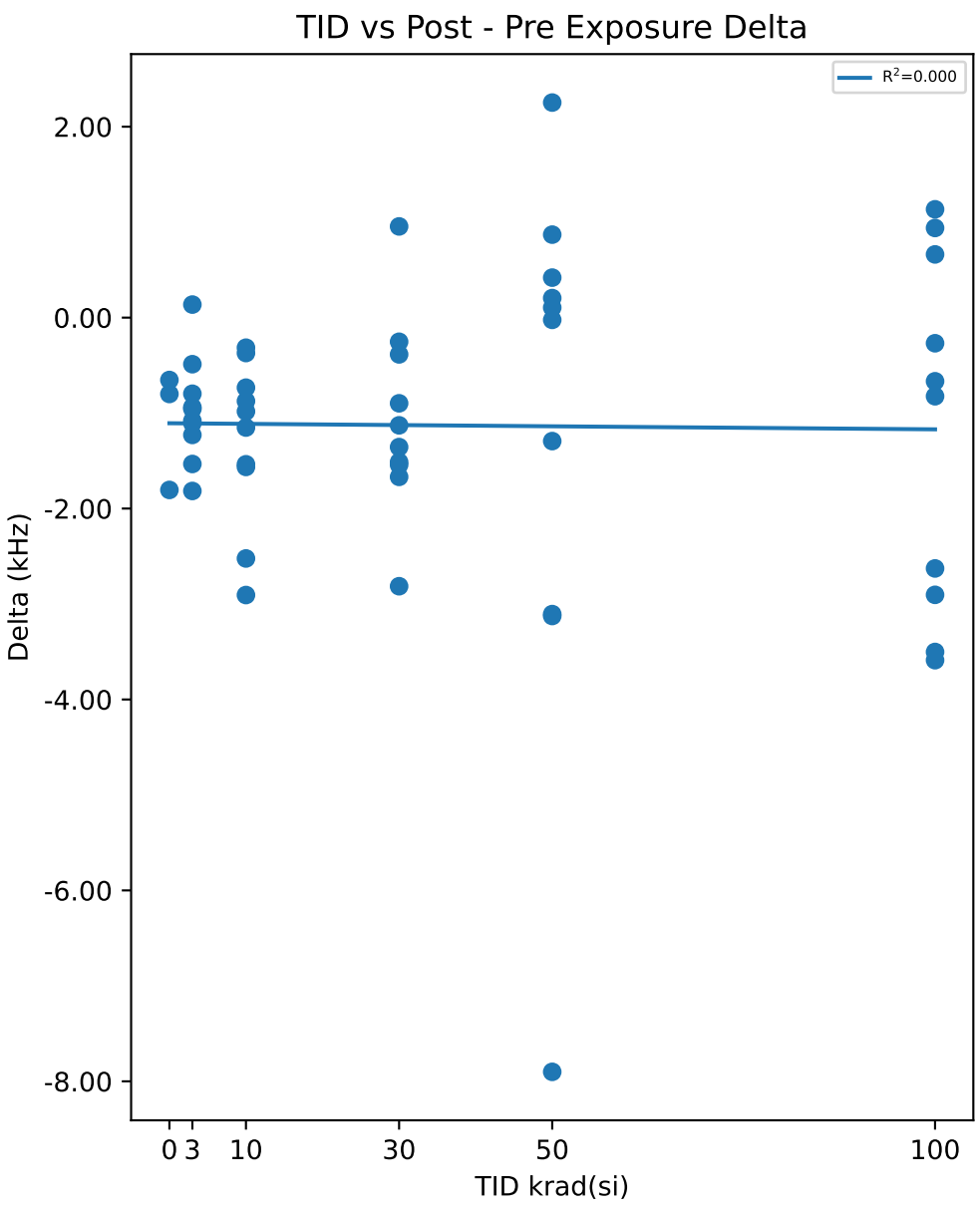
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	500.05	499.85	-0.2059
2	3	HDR BIAS	500.03	499.8	-0.2293
3	3	HDR BIAS	500.07	499.87	-0.2004
4	3	HDR BIAS	500.03	499.82	-0.2118
5	3	HDR BIAS	500.03	499.78	-0.2503
6	3	HDR UNBIAS	500.05	499.83	-0.222
7	3	HDR UNBIAS	500.02	499.85	-0.1791
8	3	HDR UNBIAS	500.03	499.8	-0.2278
9	3	HDR UNBIAS	500.08	499.87	-0.2067
10	3	HDR UNBIAS	500.01	499.82	-0.1974
11	10	HDR BIAS	500.03	499.83	-0.1967
12	10	HDR BIAS	500.04	499.87	-0.1645
13	10	HDR BIAS	500.01	499.83	-0.1797
14	10	HDR BIAS	500.08	499.84	-0.2364
15	10	HDR BIAS	500.05	499.87	-0.1751
16	10	HDR UNBIAS	500.04	499.85	-0.1983
17	10	HDR UNBIAS	500.07	499.83	-0.2421
18	10	HDR UNBIAS	500.09	499.83	-0.2587
19	10	HDR UNBIAS	500.02	499.81	-0.2072
20	10	HDR UNBIAS	500.06	499.79	-0.2769
31	30	HDR BIAS	500.02	499.82	-0.201
32	30	HDR BIAS	500.05	499.83	-0.2195
33	30	HDR BIAS	500.07	499.83	-0.2447
34	30	HDR BIAS	500.06	499.82	-0.2362
35	30	HDR BIAS	500.01	499.83	-0.1789
36	30	HDR UNBIAS	500.04	499.87	-0.1725
37	30	HDR UNBIAS	500.02	499.86	-0.1519
38	30	HDR UNBIAS	500.03	499.82	-0.2179
39	30	HDR UNBIAS	500.07	499.83	-0.2415
40	30	HDR UNBIAS	500.06	499.82	-0.2388
41	50	HDR BIAS	500.07	499.82	-0.2554
42	50	HDR BIAS	500.04	499.83	-0.213
43	50	HDR BIAS	499.98	499.83	-0.1483
44	50	HDR BIAS	500.07	499.82	-0.2492
45	50	HDR BIAS	500.02	499.86	-0.1581
46	50	HDR UNBIAS	500.06	499.84	-0.2225
47	50	HDR UNBIAS	500.09	499.84	-0.2426
48	50	HDR UNBIAS	500	499.87	-0.1279
49	50	HDR UNBIAS	500.03	499.81	-0.2215
50	50	HDR UNBIAS	500.03	499.82	-0.2104
51	100	HDR BIAS	500.07	499.83	-0.2402
52	100	HDR BIAS	500.09	499.85	-0.2449
53	100	HDR BIAS	500.06	499.78	-0.2805
54	100	HDR BIAS	500.07	499.8	-0.2712
55	100	HDR BIAS	500.05	499.82	-0.2278
56	100	HDR UNBIAS	500.03	499.84	-0.1973
57	100	HDR UNBIAS	500.08	499.86	-0.2242
58	100	HDR UNBIAS	500.03	499.47	-0.5622
59	100	HDR UNBIAS	500.02	499.78	-0.237
60	100	HDR UNBIAS	500.05	499.82	-0.2229
71	0	CORRELATION	500.06	499.86	-0.2021
72	0	CORRELATION	499.1	499.78	0.6773
73	0	CORRELATION	500.02	499.86	-0.1598

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.1	499.73	500.06	0.54098	499.78	499.83	499.86	0.045158	-0.2021	0.10513	0.6773	0.49596
3	500.01	500.04	500.08	0.021451	499.78	499.83	499.87	0.030654	-0.2503	-0.21307	-0.1791	0.02
10	500.01	500.05	500.09	0.025535	499.79	499.83	499.87	0.02575	-0.2769	-0.21356	-0.1645	0.037971
30	500.01	500.04	500.07	0.02154	499.82	499.83	499.87	0.019013	-0.2447	-0.21029	-0.1519	0.03282
50	499.98	500.04	500.09	0.034067	499.81	499.84	499.87	0.018996	-0.2554	-0.20489	-0.1279	0.044644
100	500.02	500.06	500.09	0.024557	499.47	499.78	499.86	0.11513	-0.5622	-0.27082	-0.1973	0.10513

Device Test: 20.95 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/1MHz//@FSW_EXT_RT_D





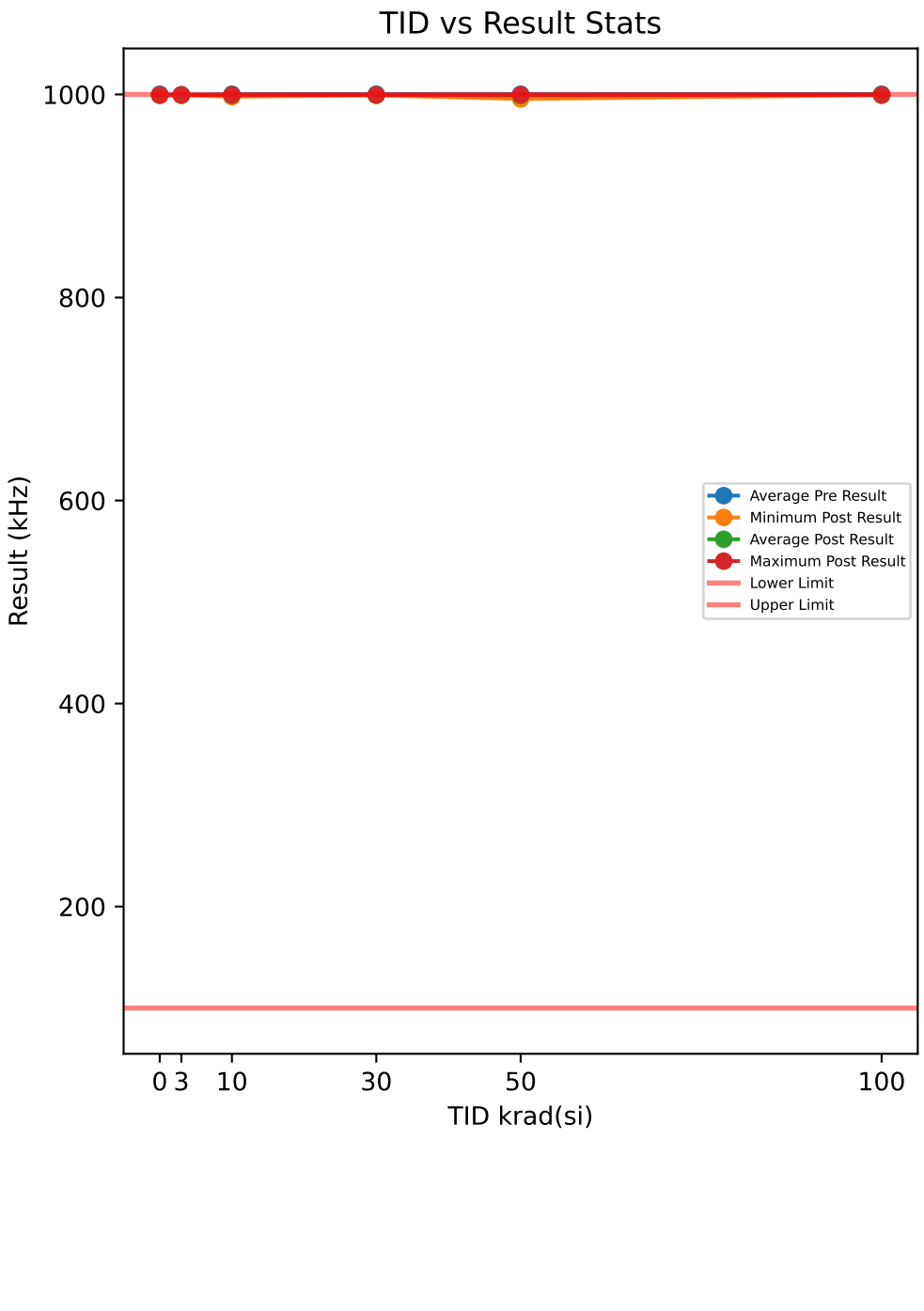
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

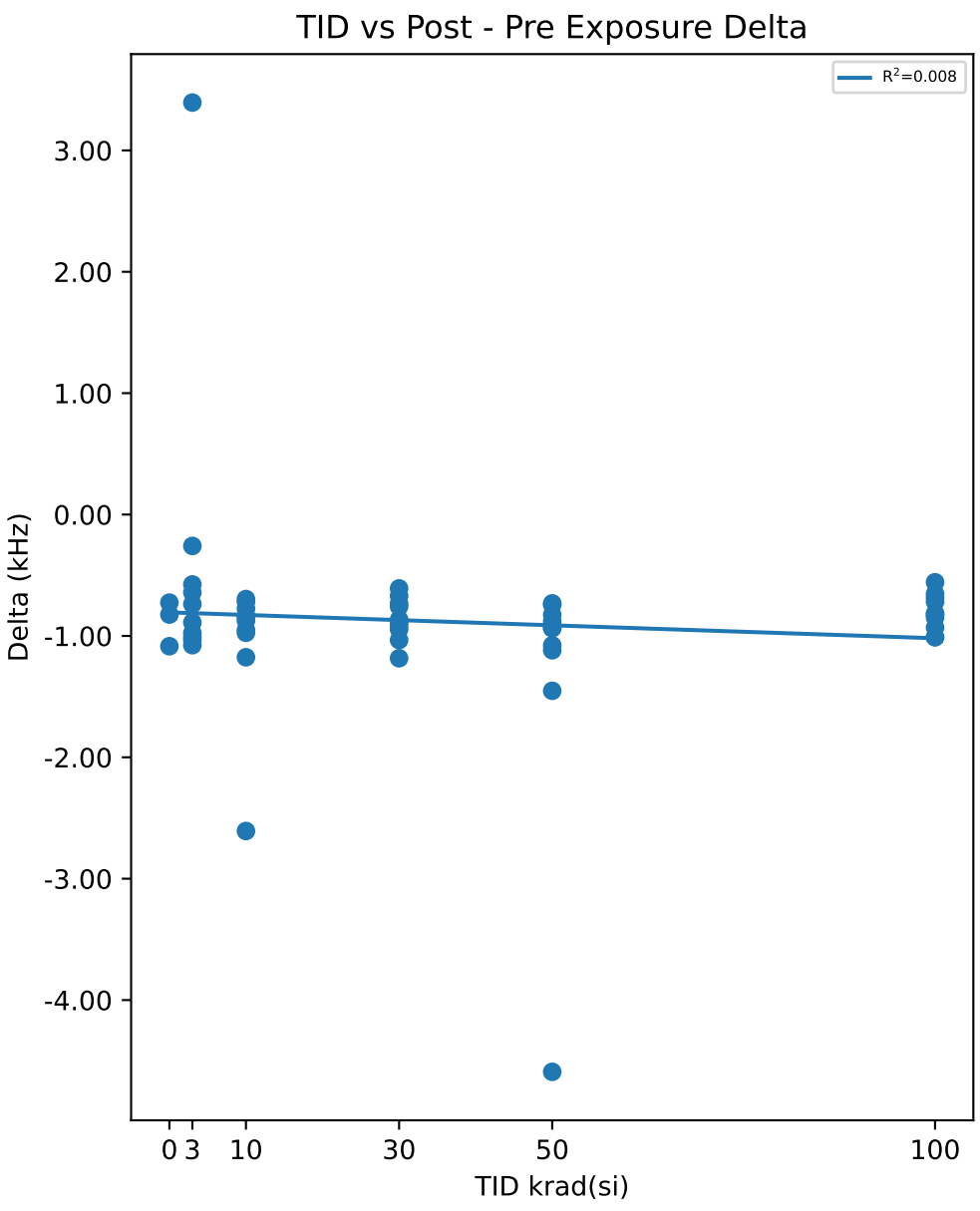
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	997.93	997.44	-0.4879
2	3	HDR BIAS	1009.8	1008.6	-1.1058
3	3	HDR BIAS	997.47	996.39	-1.0801
4	3	HDR BIAS	1004.3	1003.4	-0.9385
5	3	HDR BIAS	1000.7	999.91	-0.7973
6	3	HDR UNBIAS	995.45	994.22	-1.2288
7	3	HDR UNBIAS	1008.7	1007.7	-0.9564
8	3	HDR UNBIAS	1004	1004.2	0.1367
9	3	HDR UNBIAS	1002.7	1001.1	-1.5331
10	3	HDR UNBIAS	1004	1002.2	-1.8159
11	10	HDR BIAS	1003.2	1002.8	-0.3708
12	10	HDR BIAS	997.27	996.54	-0.7337
13	10	HDR BIAS	1004.5	1003.6	-0.8745
14	10	HDR BIAS	998.75	997.76	-0.9823
15	10	HDR BIAS	995.8	993.28	-2.5229
16	10	HDR UNBIAS	990.69	990.37	-0.315
17	10	HDR UNBIAS	994.81	991.9	-2.906
18	10	HDR UNBIAS	1002.9	1001.4	-1.5363
19	10	HDR UNBIAS	1006.9	1005.8	-1.1515
20	10	HDR UNBIAS	1001.9	1000.3	-1.5641
31	30	HDR BIAS	995.91	996.87	0.9553
32	30	HDR BIAS	1010.3	1009.9	-0.3851
33	30	HDR BIAS	999.6	998.25	-1.356
34	30	HDR BIAS	985.36	983.7	-1.6682
35	30	HDR BIAS	1004.8	1002	-2.8137
36	30	HDR UNBIAS	1006.6	1005.8	-0.8975
37	30	HDR UNBIAS	1000.7	1000.5	-0.2529
38	30	HDR UNBIAS	999.17	997.63	-1.5419
39	30	HDR UNBIAS	1011.3	1009.8	-1.5125
40	30	HDR UNBIAS	998.43	997.31	-1.1282
41	50	HDR BIAS	1000.3	997.15	-3.1255
42	50	HDR BIAS	1002.7	999.63	-3.1057
43	50	HDR BIAS	991.67	992.09	0.419
44	50	HDR BIAS	1004.5	1004.4	-0.0234
45	50	HDR BIAS	994.75	994.85	0.1054
46	50	HDR UNBIAS	1002.1	1002.3	0.2047
47	50	HDR UNBIAS	1003	1001.7	-1.2934
48	50	HDR UNBIAS	996.89	988.98	-7.9007
49	50	HDR UNBIAS	1002.8	1003.7	0.8693
50	50	HDR UNBIAS	1009.2	1011.5	2.2528
51	100	HDR BIAS	994.48	991.57	-2.9039
52	100	HDR BIAS	994.99	994.16	-0.8236
53	100	HDR BIAS	993.94	994.6	0.6621
54	100	HDR BIAS	1009	1008.7	-0.2685
55	100	HDR BIAS	1006.2	1002.7	-3.5024
56	100	HDR UNBIAS	1006.2	1007.1	0.9391
57	100	HDR UNBIAS	1002.5	1003.6	1.1345
58	100	HDR UNBIAS	1005.3	1004.7	-0.6667
59	100	HDR UNBIAS	1012.6	1010	-2.6274
60	100	HDR UNBIAS	1012.8	1009.2	-3.5884
71	0	CORRELATION	994.58	993.78	-0.7997
72	0	CORRELATION	1001.3	999.46	-1.805
73	0	CORRELATION	1001.8	1001.1	-0.6532

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	994.58	999.2	1001.8	4.0068	993.78	998.11	1001.1	3.84	-1.805	-1.086	-0.6532	0.62699
3	995.45	1002.5	1009.8	4.6918	994.22	1001.5	1008.6	4.7079	-1.8159	-0.98071	0.1367	0.53926
10	990.69	999.67	1006.9	5.0511	990.37	998.37	1005.8	5.2749	-2.906	-1.2957	-0.315	0.86014
30	985.36	1001.2	1011.3	7.6153	983.7	1000.2	1009.9	7.6278	-2.8137	-1.0601	0.9553	1.0094
50	991.67	1000.8	1009.2	5.0994	988.98	999.63	1011.5	6.5829	-7.9007	-1.1597	2.2528	2.9082
100	993.94	1003.8	1012.8	7.1664	991.57	1002.6	1010	6.8123	-3.5884	-1.1645	1.1345	1.8475

Device Test: 20.96 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/1MHz//@FREQ_SYNC_EXT





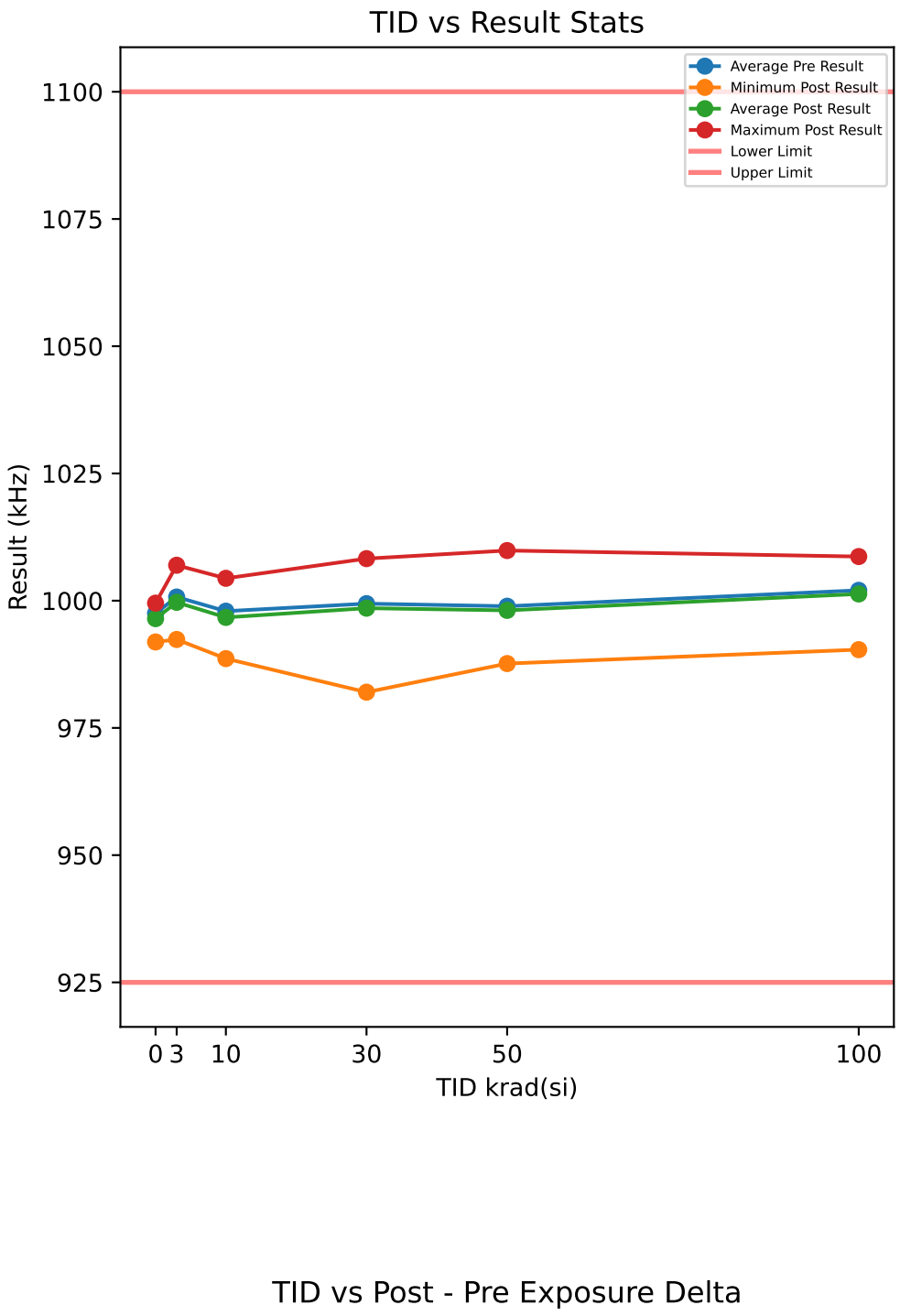
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

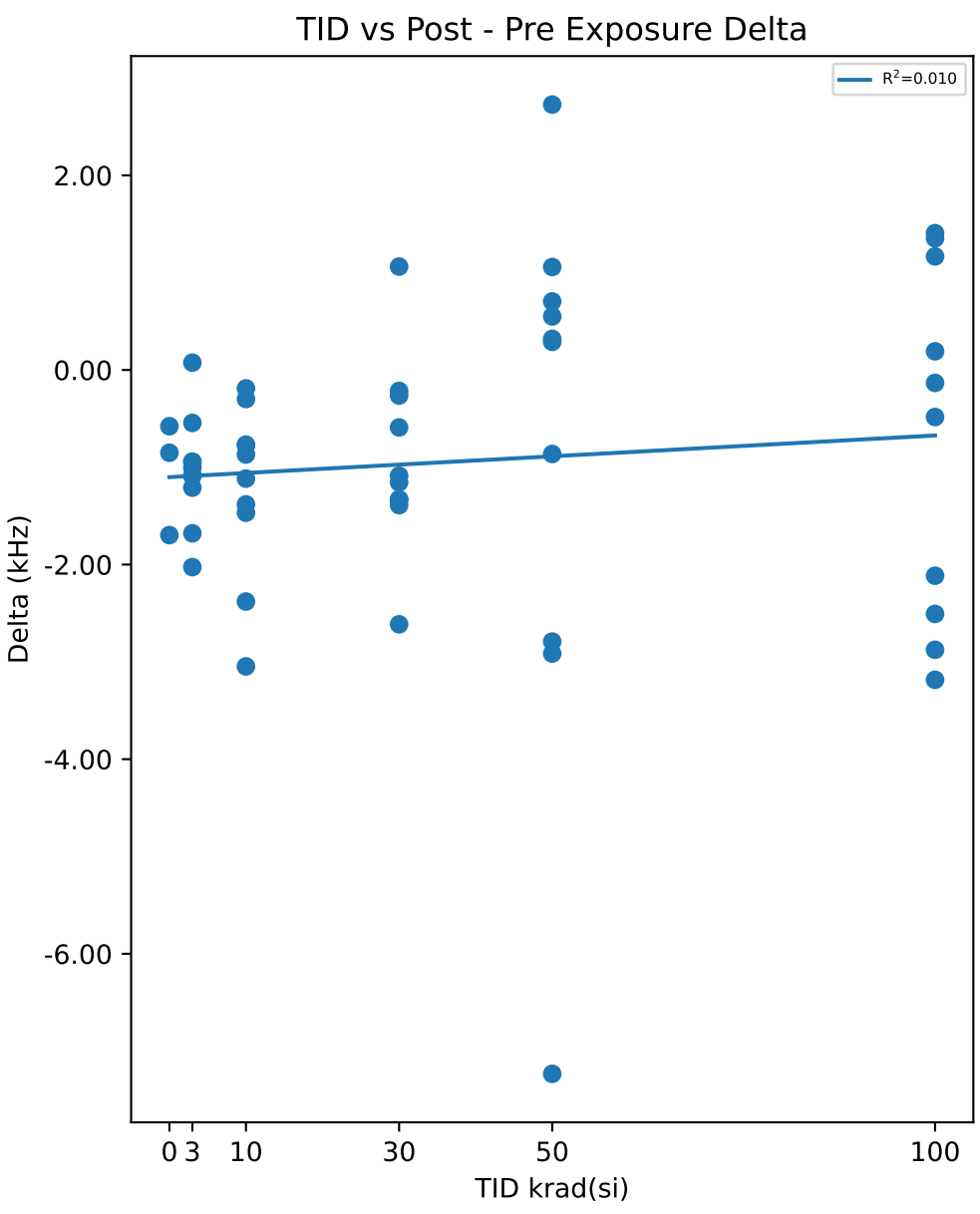
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000	999.27	-0.7375
2	3	HDR BIAS	1000.3	999.35	-0.9754
3	3	HDR BIAS	1000.4	999.48	-0.8891
4	3	HDR BIAS	1000.2	999.21	-1.0372
5	3	HDR BIAS	999.6	999.34	-0.2586
6	3	HDR UNBIAS	1000.4	999.37	-1.0762
7	3	HDR UNBIAS	1000	999.4	-0.6419
8	3	HDR UNBIAS	1000.1	999.12	-1.0097
9	3	HDR UNBIAS	996.16	999.55	3.3942
10	3	HDR UNBIAS	1000	999.42	-0.5758
11	10	HDR BIAS	1000.1	999.23	-0.874
12	10	HDR BIAS	1000.2	999.53	-0.7189
13	10	HDR BIAS	1000.4	997.8	-2.6073
14	10	HDR BIAS	1000.3	999.37	-0.9743
15	10	HDR BIAS	1000.2	999.34	-0.8324
16	10	HDR UNBIAS	1000.2	999.3	-0.8499
17	10	HDR UNBIAS	1000.1	999.14	-0.9514
18	10	HDR UNBIAS	1000.2	999.54	-0.6961
19	10	HDR UNBIAS	1000.2	999.43	-0.7754
20	10	HDR UNBIAS	1000.3	999.12	-1.1758
31	30	HDR BIAS	1000.1	999.27	-0.8794
32	30	HDR BIAS	1000.3	999.4	-0.9091
33	30	HDR BIAS	1000.4	999.56	-0.8647
34	30	HDR BIAS	1000	999.25	-0.7576
35	30	HDR BIAS	1000.3	999.1	-1.1838
36	30	HDR UNBIAS	1000.2	999.53	-0.6703
37	30	HDR UNBIAS	1000	999.42	-0.6086
38	30	HDR UNBIAS	1000.3	999.35	-0.9455
39	30	HDR UNBIAS	1000.4	999.36	-1.0342
40	30	HDR UNBIAS	1000.2	999.5	-0.7328
41	50	HDR BIAS	1000.3	999.39	-0.9367
42	50	HDR BIAS	1000.4	999.34	-1.0775
43	50	HDR BIAS	1000.2	999.46	-0.7319
44	50	HDR BIAS	1000.2	998.73	-1.4521
45	50	HDR BIAS	1000.4	999.54	-0.8805
46	50	HDR UNBIAS	1000.2	999.42	-0.8258
47	50	HDR UNBIAS	1000.3	999.34	-0.9326
48	50	HDR UNBIAS	1000.3	999.51	-0.7433
49	50	HDR UNBIAS	1000.1	995.51	-4.5914
50	50	HDR UNBIAS	1000.3	999.14	-1.1181
51	100	HDR BIAS	1000.4	999.53	-0.8256
52	100	HDR BIAS	1000.1	999.44	-0.6531
53	100	HDR BIAS	1000.1	999.4	-0.719
54	100	HDR BIAS	1000.4	999.55	-0.8143
55	100	HDR BIAS	1000	999.48	-0.5578
56	100	HDR UNBIAS	1000.3	999.4	-0.9308
57	100	HDR UNBIAS	1000.4	999.36	-1.009
58	100	HDR UNBIAS	1000.3	999.46	-0.8479
59	100	HDR UNBIAS	1000.3	999.3	-1.0108
60	100	HDR UNBIAS	1000.2	999.56	-0.6854
71	0	CORRELATION	1000.4	999.28	-1.0848
72	0	CORRELATION	1000.1	999.37	-0.7257
73	0	CORRELATION	1000.2	999.37	-0.8239

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000.1	1000.2	1000.4	0.13805	999.28	999.34	999.37	0.050355	-1.0848	-0.87813	-0.7257	0.18559
3	996.16	999.73	1000.4	1.2784	999.12	999.35	999.55	0.12756	-1.0762	-0.38072	3.3942	1.3508
10	1000.1	1000.2	1000.4	0.10146	997.8	999.18	999.54	0.50615	-2.6073	-1.0455	-0.6961	0.56617
30	1000	1000.2	1000.4	0.13848	999.1	999.37	999.56	0.13957	-1.1838	-0.8586	-0.6086	0.17357
50	1000.1	1000.3	1000.4	0.099696	995.51	998.94	999.54	1.2273	-4.5914	-1.329	-0.7319	1.1658
100	1000	1000.3	1000.4	0.12377	999.3	999.45	999.56	0.085667	-1.0108	-0.80537	-0.5578	0.15203

Device Test: 20.97 LEVEL|FREQ/RT/5/5/0/1000/5/1MHz//@FSW_EXT_RT_D





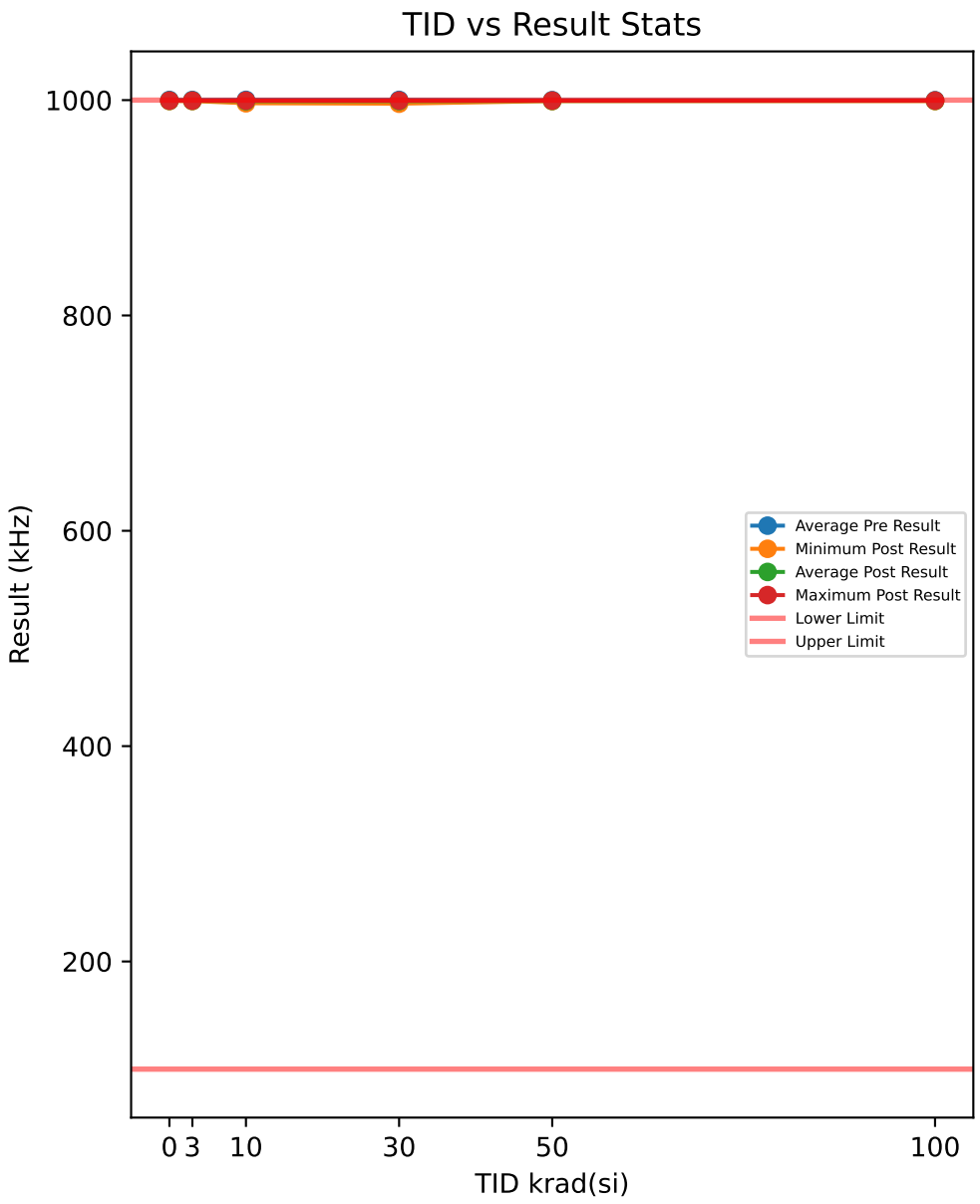
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

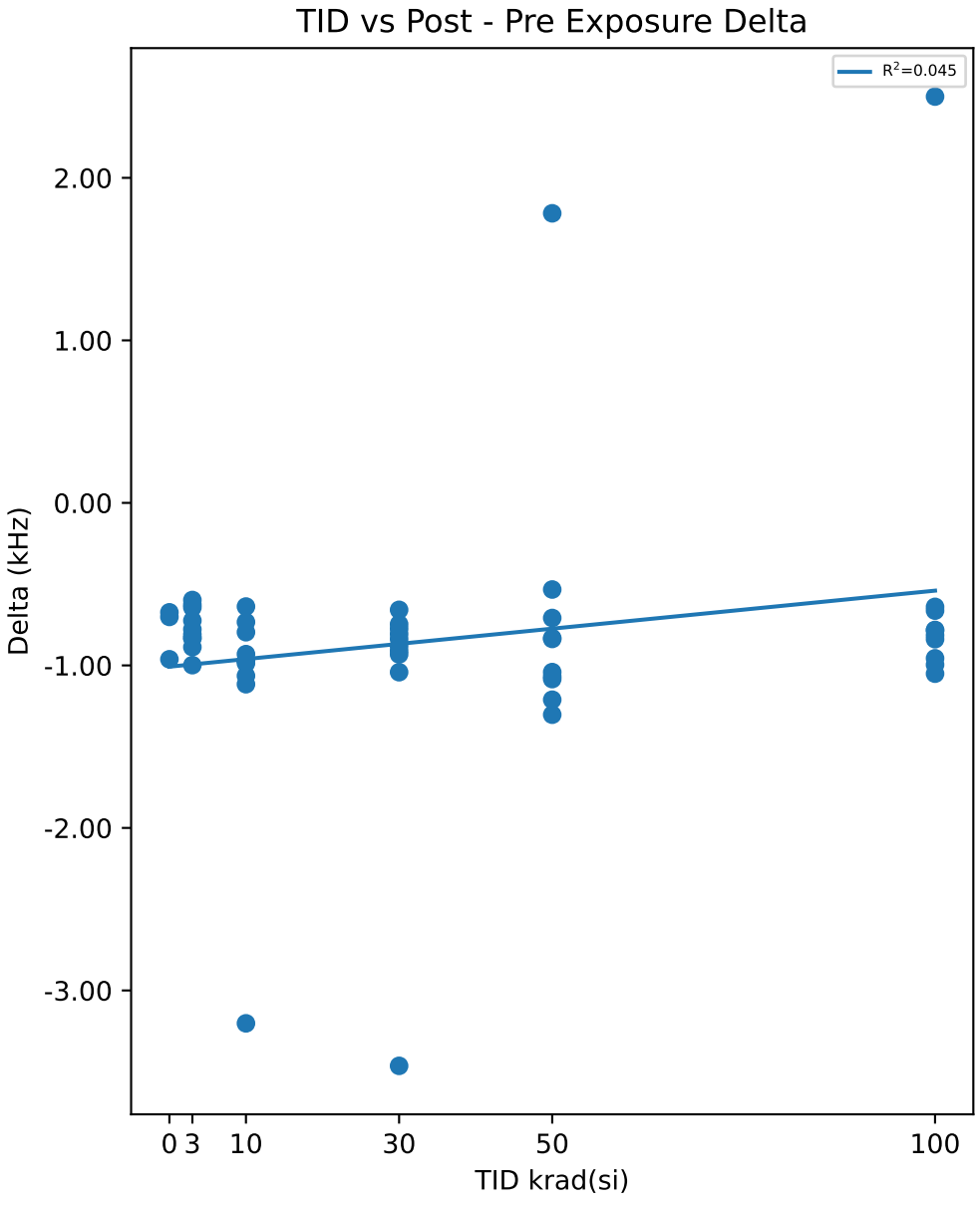
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	995.92	995.38	-0.5443
2	3	HDR BIAS	1008.1	1007	-1.0883
3	3	HDR BIAS	995.62	994.54	-1.0834
4	3	HDR BIAS	1002.6	1001.7	-0.9418
5	3	HDR BIAS	999.06	998.05	-1.0044
6	3	HDR UNBIAS	993.59	992.38	-1.2095
7	3	HDR UNBIAS	1007	1006.1	-0.9447
8	3	HDR UNBIAS	1002.2	1002.3	0.075
9	3	HDR UNBIAS	1000.8	999.16	-1.6784
10	3	HDR UNBIAS	1002.3	1000.3	-2.0262
11	10	HDR BIAS	1001.6	1001.3	-0.2989
12	10	HDR BIAS	995.48	994.7	-0.7747
13	10	HDR BIAS	1002.9	1002	-0.8686
14	10	HDR BIAS	996.94	996.17	-0.7673
15	10	HDR BIAS	994.05	991.67	-2.38
16	10	HDR UNBIAS	988.81	988.62	-0.1894
17	10	HDR UNBIAS	992.99	989.94	-3.0464
18	10	HDR UNBIAS	1001.2	999.78	-1.4673
19	10	HDR UNBIAS	1005.5	1004.4	-1.1165
20	10	HDR UNBIAS	999.87	998.48	-1.3813
31	30	HDR BIAS	993.94	995	1.0624
32	30	HDR BIAS	1008.3	1008.1	-0.2634
33	30	HDR BIAS	997.69	996.53	-1.155
34	30	HDR BIAS	983.41	982.02	-1.3897
35	30	HDR BIAS	1003.1	1000.5	-2.614
36	30	HDR UNBIAS	1004.8	1004.3	-0.5908
37	30	HDR UNBIAS	998.97	998.76	-0.2152
38	30	HDR UNBIAS	997.49	996.15	-1.3382
39	30	HDR UNBIAS	1009.6	1008.3	-1.3279
40	30	HDR UNBIAS	996.79	995.71	-1.087
41	50	HDR BIAS	998.57	995.78	-2.7913
42	50	HDR BIAS	1000.8	997.88	-2.9144
43	50	HDR BIAS	989.81	990.51	0.7042
44	50	HDR BIAS	1002.5	1002.8	0.2887
45	50	HDR BIAS	992.96	993.28	0.3195
46	50	HDR UNBIAS	1000.3	1000.9	0.5501
47	50	HDR UNBIAS	1001.3	1000.4	-0.8633
48	50	HDR UNBIAS	994.88	987.64	-7.234
49	50	HDR UNBIAS	1000.9	1001.9	1.0581
50	50	HDR UNBIAS	1007.1	1009.9	2.7276
51	100	HDR BIAS	992.88	990.38	-2.507
52	100	HDR BIAS	993.04	992.55	-0.4835
53	100	HDR BIAS	992.22	993.39	1.1671
54	100	HDR BIAS	1007.3	1007.5	0.1916
55	100	HDR BIAS	1004.5	1001.3	-3.1846
56	100	HDR UNBIAS	1004.3	1005.7	1.3533
57	100	HDR UNBIAS	1000.9	1002.3	1.4059
58	100	HDR UNBIAS	1003.7	1003.5	-0.1329
59	100	HDR UNBIAS	1010.8	1008.7	-2.1144
60	100	HDR UNBIAS	1010.8	1007.9	-2.8756
71	0	CORRELATION	992.74	991.89	-0.8506
72	0	CORRELATION	999.7	998.01	-1.6971
73	0	CORRELATION	1000.1	999.52	-0.5782

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	992.74	997.51	1000.1	4.1381	991.89	996.47	999.52	4.039	-1.6971	-1.042	-0.5782	0.58348
3	993.59	1000.7	1008.1	4.7637	992.38	999.68	1007	4.7847	-2.0262	-1.0446	0.075	0.56978
10	988.81	997.94	1005.5	5.1643	988.62	996.71	1004.4	5.3957	-3.0464	-1.229	-0.1894	0.8954
30	983.41	999.42	1009.6	7.6455	982.02	998.53	1008.3	7.638	-2.614	-0.89188	1.0624	0.97027
50	989.81	998.91	1007.1	5.0547	987.64	998.1	1009.9	6.5269	-7.234	-0.81548	2.7276	2.8334
100	992.22	1002	1010.8	7.1244	990.38	1001.3	1008.7	6.8289	-3.1846	-0.71801	1.4059	1.8095

Device Test: 20.98 LEVEL|FREQ/SYNC/5/5/0/1000/5/1MHz//@FREQ_SYNC_EXT





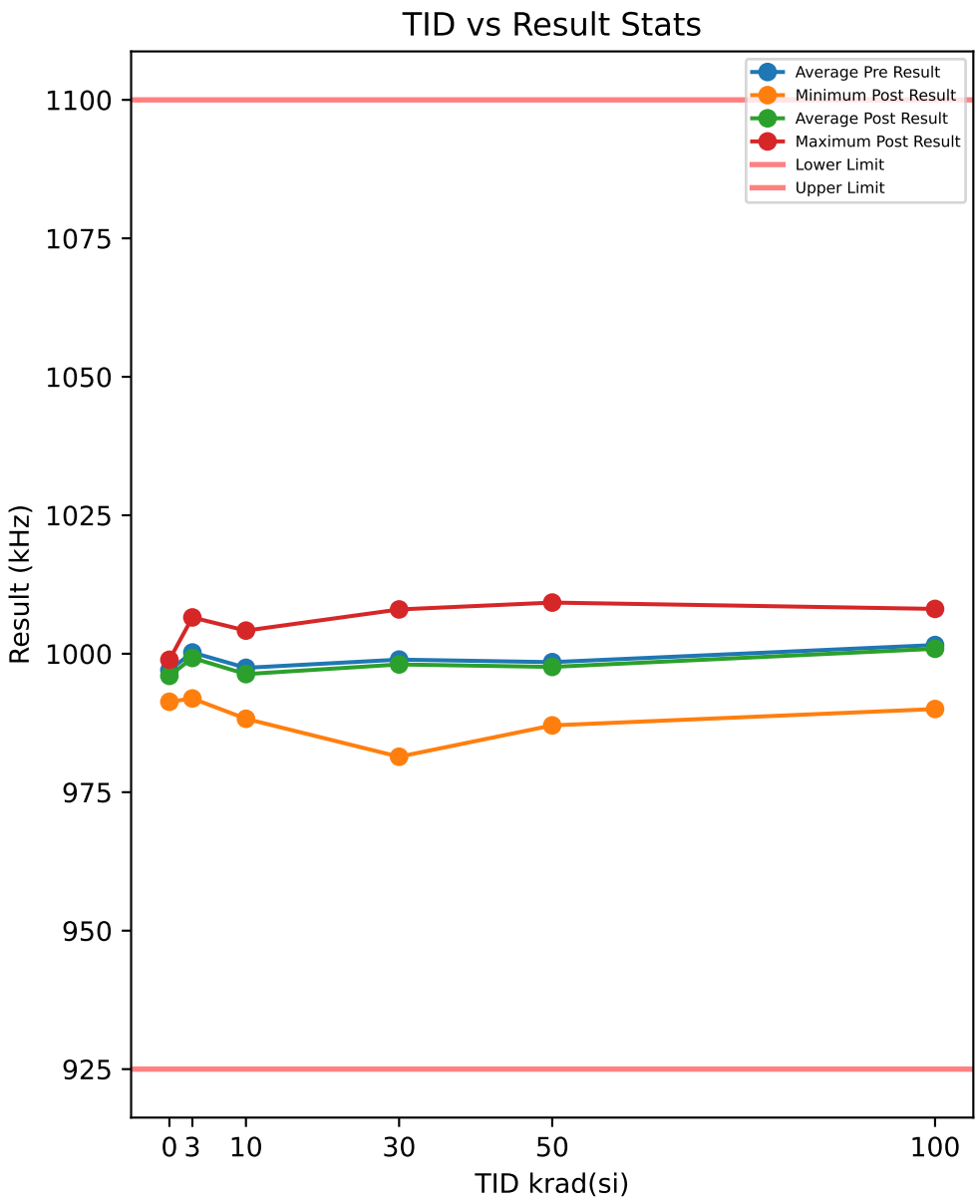
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

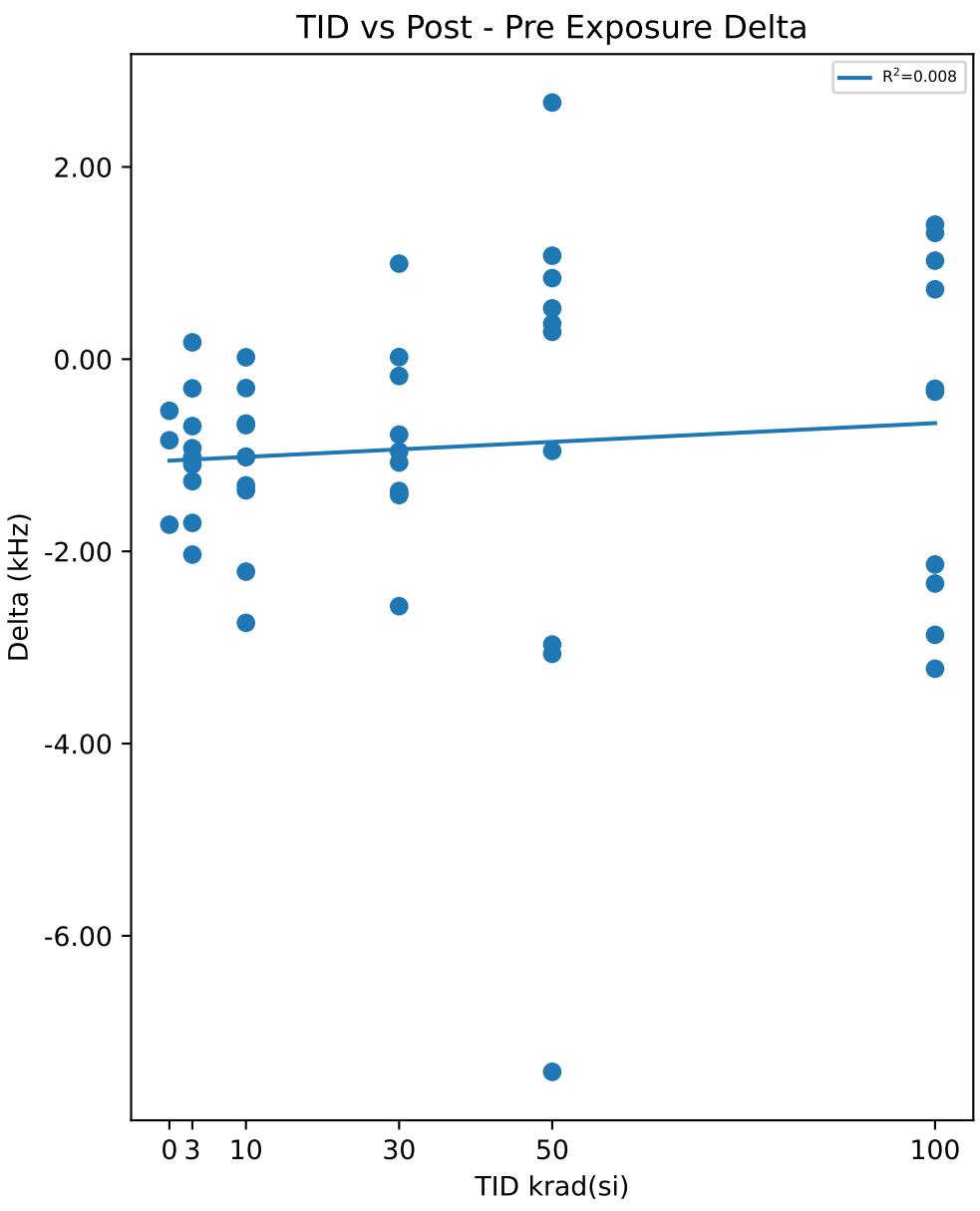
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1000	999.27	-0.7781
2	3	HDR BIAS	1000.3	999.39	-0.8875
3	3	HDR BIAS	1000.1	999.35	-0.7243
4	3	HDR BIAS	1000	999.45	-0.5976
5	3	HDR BIAS	1000.2	999.15	-0.9984
6	3	HDR UNBIAS	1000.2	999.55	-0.6435
7	3	HDR UNBIAS	1000	999.42	-0.6259
8	3	HDR UNBIAS	1000.1	999.27	-0.8324
9	3	HDR UNBIAS	1000.4	999.52	-0.832
10	3	HDR UNBIAS	1000.2	999.42	-0.81
11	10	HDR BIAS	1000.1	999.35	-0.7958
12	10	HDR BIAS	1000.4	999.39	-0.9692
13	10	HDR BIAS	1000.2	999.21	-0.9867
14	10	HDR BIAS	1000.1	999.15	-0.9726
15	10	HDR BIAS	1000.4	999.3	-1.0641
16	10	HDR UNBIAS	1000.1	999.47	-0.6378
17	10	HDR UNBIAS	1000.3	997.09	-3.2024
18	10	HDR UNBIAS	1000.2	999.51	-0.7335
19	10	HDR UNBIAS	1000.2	999.25	-0.9307
20	10	HDR UNBIAS	1000.3	999.18	-1.1158
31	30	HDR BIAS	1000.3	999.21	-1.0418
32	30	HDR BIAS	1000.2	996.69	-3.464
33	30	HDR BIAS	1000.4	999.53	-0.8797
34	30	HDR BIAS	1000	999.29	-0.7463
35	30	HDR BIAS	1000.2	999.39	-0.8377
36	30	HDR UNBIAS	1000.1	999.36	-0.7743
37	30	HDR UNBIAS	1000	999.39	-0.6581
38	30	HDR UNBIAS	1000.3	999.35	-0.9324
39	30	HDR UNBIAS	1000.4	999.49	-0.9095
40	30	HDR UNBIAS	1000.2	999.38	-0.8066
41	50	HDR BIAS	1000.2	999.11	-1.068
42	50	HDR BIAS	1000.3	999.51	-0.8371
43	50	HDR BIAS	999.97	999.26	-0.7083
44	50	HDR BIAS	1000.4	999.2	-1.2111
45	50	HDR BIAS	1000.1	999.56	-0.533
46	50	HDR UNBIAS	1000.3	999.24	-1.0412
47	50	HDR UNBIAS	1000.3	999.21	-1.0842
48	50	HDR UNBIAS	1000.2	999.34	-0.832
49	50	HDR UNBIAS	997.58	999.37	1.7817
50	50	HDR UNBIAS	1000.4	999.1	-1.3033
51	100	HDR BIAS	1000.3	999.46	-0.8145
52	100	HDR BIAS	1000.2	999.2	-0.996
53	100	HDR BIAS	1000.2	999.11	-1.0509
54	100	HDR BIAS	1000.2	999.5	-0.6629
55	100	HDR BIAS	1000.2	999.42	-0.7846
56	100	HDR UNBIAS	1000.3	999.37	-0.9564
57	100	HDR UNBIAS	1000.3	999.53	-0.7819
58	100	HDR UNBIAS	1000.1	999.45	-0.6399
59	100	HDR UNBIAS	996.87	999.37	2.5
60	100	HDR UNBIAS	1000.4	999.59	-0.8387
71	0	CORRELATION	1000.1	999.44	-0.7016
72	0	CORRELATION	1000.2	999.19	-0.9622
73	0	CORRELATION	1000.2	999.53	-0.6734

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000.1	1000.2	1000.2	0.035642	999.19	999.39	999.53	0.17691	-0.9622	-0.77907	-0.6734	0.15922
3	1000	1000.2	1000.4	0.1079	999.15	999.38	999.55	0.12167	-0.9984	-0.77297	-0.5976	0.12643
10	1000.1	1000.2	1000.4	0.095814	997.09	999.09	999.51	0.71348	-3.2024	-1.1409	-0.6378	0.73939
30	1000	1000.2	1000.4	0.12805	996.69	999.11	999.53	0.85495	-3.464	-1.105	-0.6581	0.83572
50	997.58	999.97	1000.4	0.85116	999.1	999.29	999.56	0.15527	-1.3033	-0.68365	1.7817	0.89722
100	996.87	999.9	1000.4	1.0698	999.11	999.4	999.59	0.14833	-1.0509	-0.50258	2.5	1.0634

Device Test: 20.99 LEVEL|FREQ/RT/12/12/0/1000/5/1MHz//@FSW_EXT_RT_D





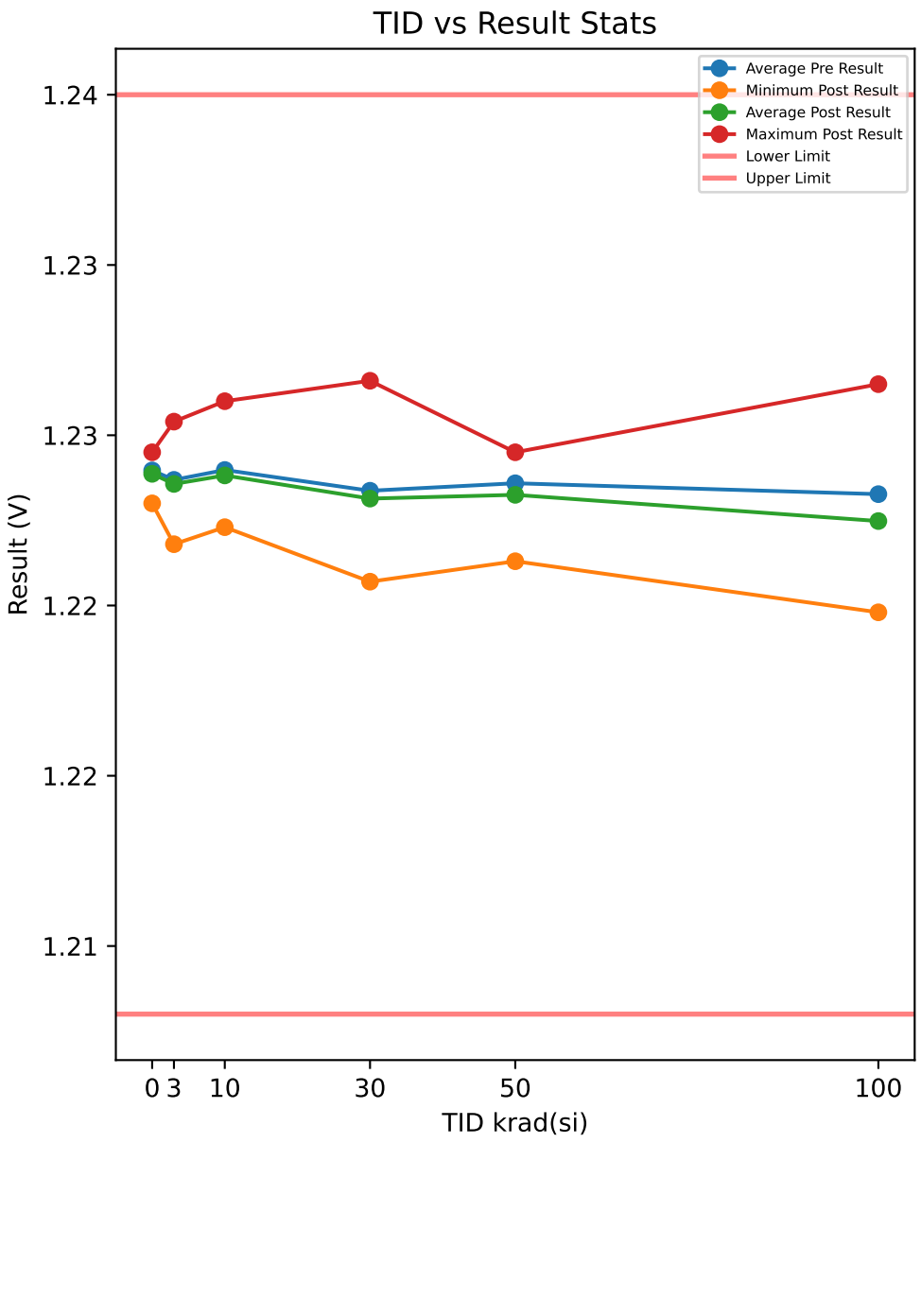
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

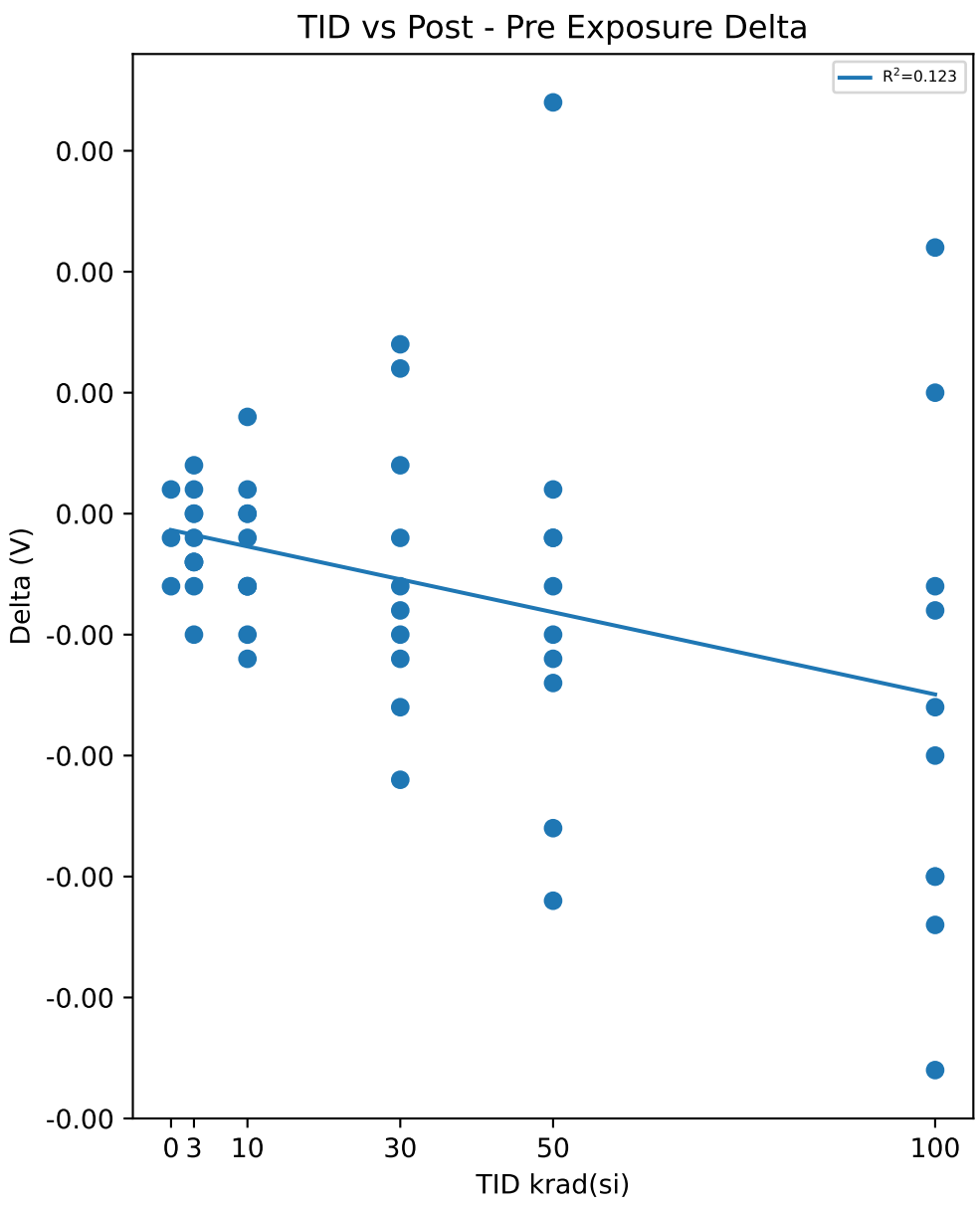
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	995.39	995.08	-0.3043
2	3	HDR BIAS	1007.6	1006.6	-1.0194
3	3	HDR BIAS	995.05	994.02	-1.0329
4	3	HDR BIAS	1002.1	1001	-1.0975
5	3	HDR BIAS	998.5	997.8	-0.6965
6	3	HDR UNBIAS	993.19	991.92	-1.2698
7	3	HDR UNBIAS	1006.4	1005.5	-0.9269
8	3	HDR UNBIAS	1001.6	1001.8	0.1749
9	3	HDR UNBIAS	1000.7	998.99	-1.704
10	3	HDR UNBIAS	1001.8	999.73	-2.0337
11	10	HDR BIAS	1001.3	1001	-0.3011
12	10	HDR BIAS	994.85	994.16	-0.6867
13	10	HDR BIAS	1002.5	1001.4	-1.0204
14	10	HDR BIAS	996.53	995.86	-0.6704
15	10	HDR BIAS	993.51	991.3	-2.2109
16	10	HDR UNBIAS	988.24	988.26	0.0196
17	10	HDR UNBIAS	992.27	989.53	-2.7437
18	10	HDR UNBIAS	1000.9	999.5	-1.3651
19	10	HDR UNBIAS	1005.2	1004.2	-1.0142
20	10	HDR UNBIAS	999.37	998.06	-1.313
31	30	HDR BIAS	993.38	994.37	0.9939
32	30	HDR BIAS	1008	1007.8	-0.1752
33	30	HDR BIAS	997.22	996.14	-1.0758
34	30	HDR BIAS	982.82	981.4	-1.4145
35	30	HDR BIAS	1002.7	1000.2	-2.5703
36	30	HDR UNBIAS	1004.3	1003.5	-0.7854
37	30	HDR UNBIAS	998.17	998.19	0.0214
38	30	HDR UNBIAS	997.09	995.72	-1.3714
39	30	HDR UNBIAS	1009.4	1008	-1.4011
40	30	HDR UNBIAS	996.31	995.35	-0.9608
41	50	HDR BIAS	998.32	995.35	-2.9695
42	50	HDR BIAS	1000.4	997.32	-3.0654
43	50	HDR BIAS	989.24	990.08	0.8429
44	50	HDR BIAS	1002	1002.3	0.284
45	50	HDR BIAS	992.39	992.76	0.3688
46	50	HDR UNBIAS	1000.2	1000.7	0.5283
47	50	HDR UNBIAS	1001	1000.1	-0.9547
48	50	HDR UNBIAS	994.48	987.06	-7.4157
49	50	HDR UNBIAS	1000.2	1001.3	1.0763
50	50	HDR UNBIAS	1006.6	1009.2	2.6699
51	100	HDR BIAS	992.35	990.02	-2.3346
52	100	HDR BIAS	992.42	992.08	-0.3379
53	100	HDR BIAS	991.99	993.02	1.0248
54	100	HDR BIAS	1006.6	1007.4	0.7269
55	100	HDR BIAS	1003.9	1000.7	-3.2211
56	100	HDR UNBIAS	1004	1005.3	1.3138
57	100	HDR UNBIAS	1000.6	1002	1.3998
58	100	HDR UNBIAS	1003.3	1003	-0.3077
59	100	HDR UNBIAS	1010.2	1008.1	-2.1365
60	100	HDR UNBIAS	1010.3	1007.4	-2.8682
71	0	CORRELATION	992.17	991.33	-0.8441
72	0	CORRELATION	999.5	997.78	-1.7226
73	0	CORRELATION	999.45	998.91	-0.537

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	992.17	997.04	999.5	4.2174	991.33	996.01	998.91	4.0913	-1.7226	-1.0346	-0.537	0.61532
3	993.19	1000.2	1007.6	4.7468	991.92	999.24	1006.6	4.7425	-2.0337	-0.99101	0.1749	0.63324
10	988.24	997.46	1005.2	5.2694	988.26	996.33	1004.2	5.4162	-2.7437	-1.1306	0.0196	0.83686
30	982.82	998.94	1009.4	7.7408	981.4	998.07	1008	7.7154	-2.5703	-0.87392	0.9939	0.97354
50	989.24	998.48	1006.6	5.0835	987.06	997.62	1009.2	6.5258	-7.4157	-0.86351	2.6699	2.9089
100	991.99	1001.6	1010.3	7.0886	990.02	1000.9	1008.1	6.8255	-3.2211	-0.67407	1.3998	1.8119

Device Test: 21.1 VOLTAGE|VREF/VREF/4.5/4.5/0/0/4.5/100kHz//@V_REFCAP





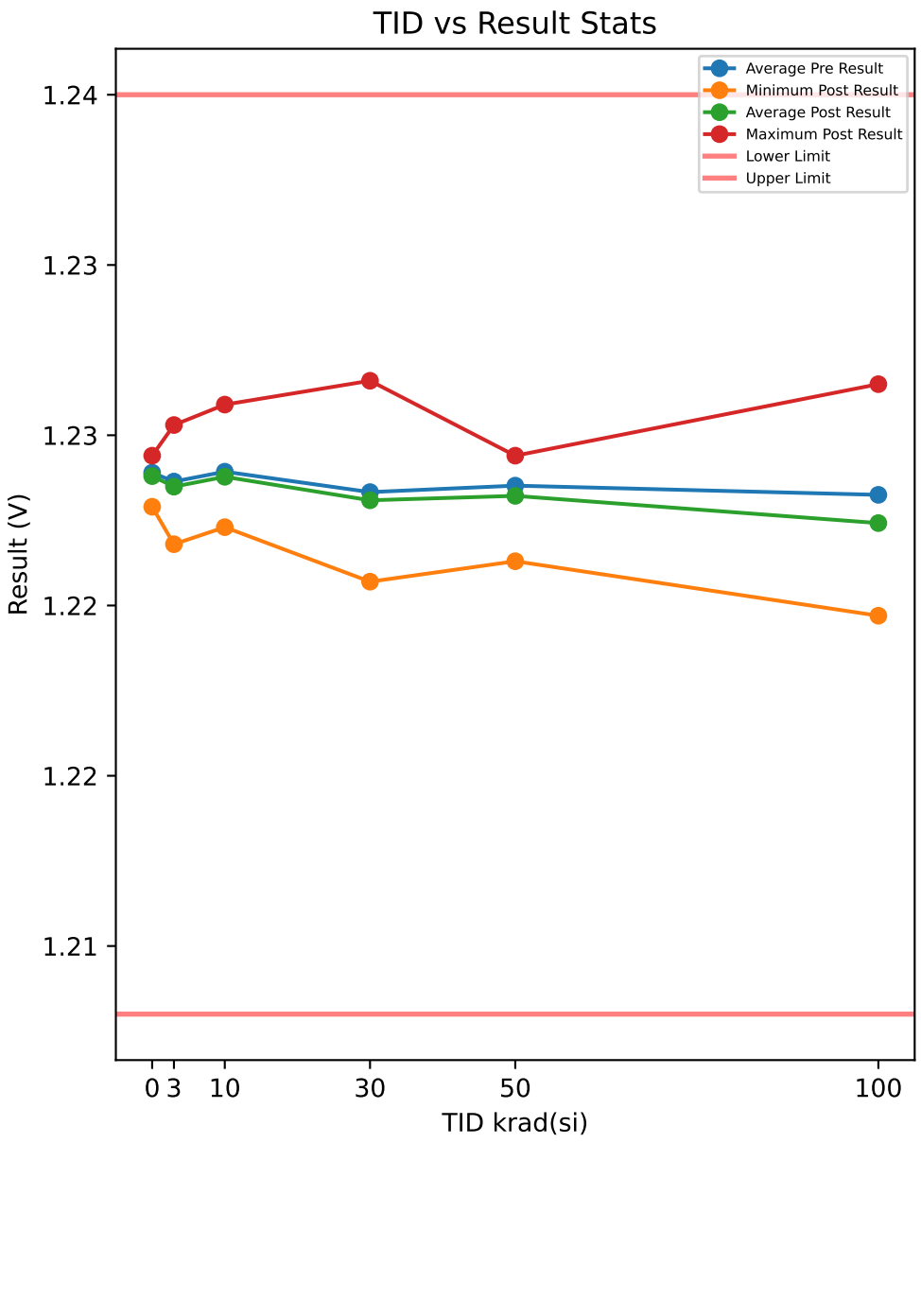
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

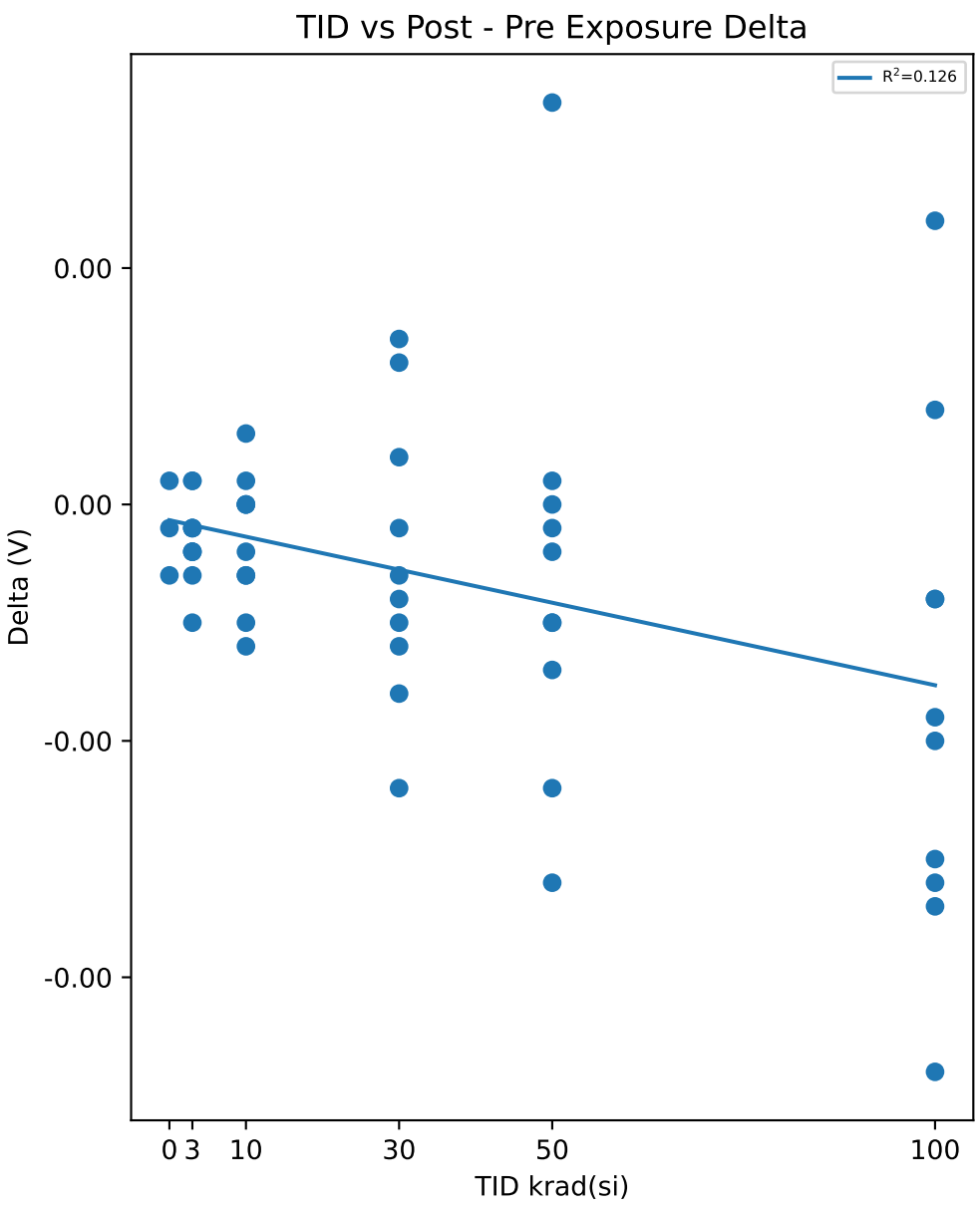
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2245	1.2245	0
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2237	-0.0002
8	3	HDR UNBIAS	1.2254	1.2254	0
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2237	1.2237	0
13	10	HDR BIAS	1.2246	1.2245	-0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2224	0.0001
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2233	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2208	-0.0011
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2227	-0.0013
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2248	1.2242	-0.0006
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2262	-0.0008
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2233	1.223	-0.0003
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2233	1.224	1.2246	0.00065064	1.223	1.2239	1.2245	0.00077675	-0.0003	-0.0001	0.0001	0.0002
3	1.2223	1.2237	1.2254	0.0010619	1.2218	1.2236	1.2254	0.0011851	-0.0005	-0.00012	0.0002	0.0002044
10	1.2223	1.224	1.226	0.0011821	1.2223	1.2238	1.226	0.0012691	-0.0006	-0.00016	0.0004	0.00029889
30	1.2206	1.2234	1.2271	0.0020565	1.2207	1.2231	1.2266	0.0019438	-0.0011	-0.00023	0.0007	0.00058509
50	1.2214	1.2236	1.2251	0.0010682	1.2213	1.2232	1.2245	0.0010607	-0.0016	-0.00034	0.0017	0.00089468
100	1.2209	1.2233	1.227	0.0019207	1.2198	1.2225	1.2265	0.0024188	-0.0023	-0.00079	0.0011	0.0010429

Device Test: 21.11 VOLTAGE|VREF/VREF/5/5/0/0/5/500kHz//@V_REFCAP





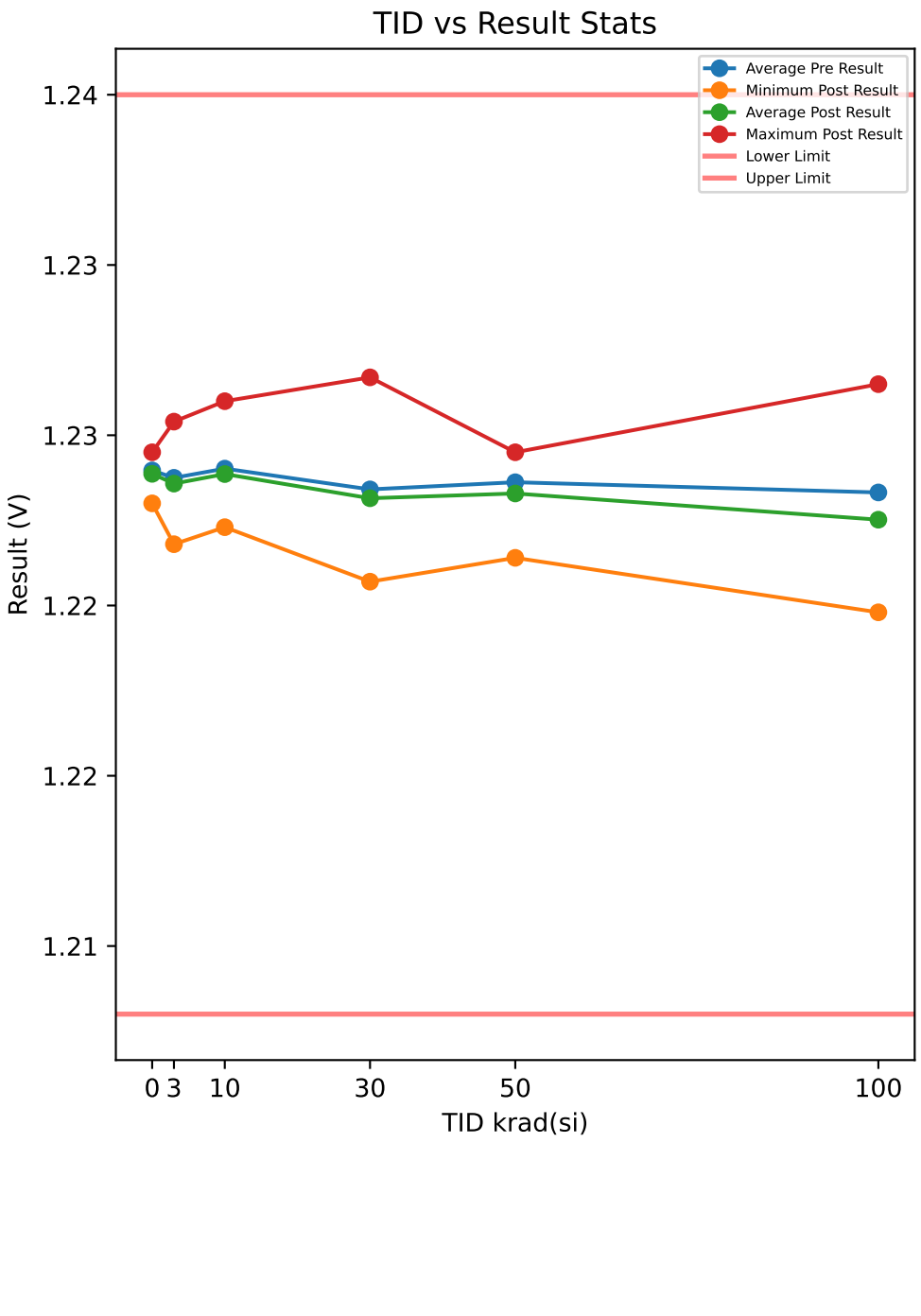
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

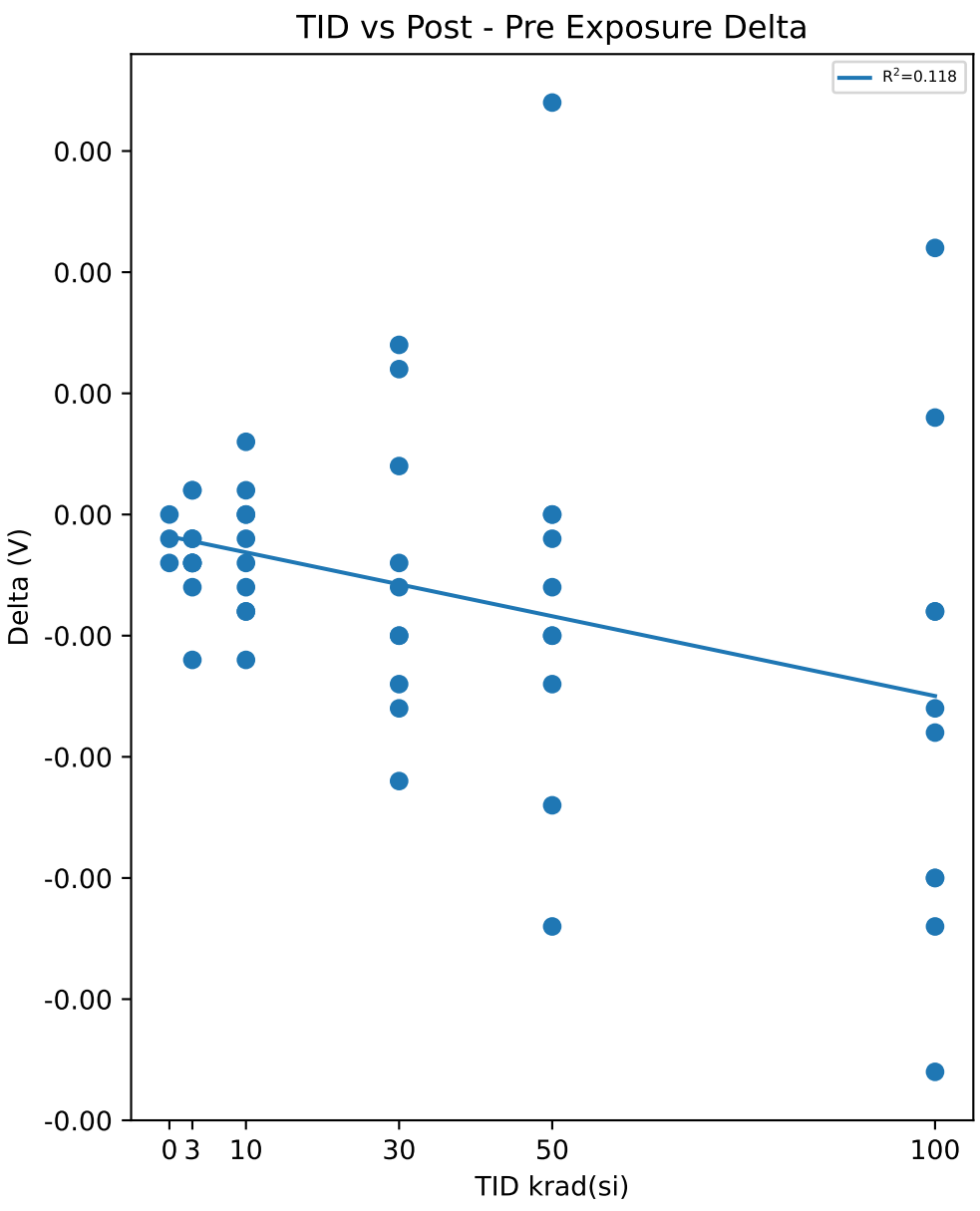
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2245	1.2244	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2237	1.2236	-0.0001
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.2259	0
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2245	0
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.225	0.0003
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.225	1.2248	-0.0002
31	30	HDR BIAS	1.2256	1.2248	-0.0008
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2226	1.2232	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.2239	1.2241	0.0002
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.224	1.2238	-0.0002
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2213	1.2213	0
46	50	HDR UNBIAS	1.2227	1.2244	0.0017
47	50	HDR UNBIAS	1.2239	1.2234	-0.0005
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.223	-0.0001
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2238	1.2214	-0.0024
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2227	0.0004
57	100	HDR UNBIAS	1.2208	1.2204	-0.0004
58	100	HDR UNBIAS	1.2213	1.2197	-0.0016
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2253	1.2265	0.0012
71	0	CORRELATION	1.2232	1.2229	-0.0003
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2232	1.2239	1.2245	0.00065574	1.2229	1.2238	1.2244	0.00079373	-0.0003	-0.0001	0.0001	0.0002
3	1.2223	1.2236	1.2254	0.0010596	1.2218	1.2235	1.2253	0.0011676	-0.0005	-0.00015	0.0001	0.00017795
10	1.2223	1.2239	1.2259	0.0011605	1.2223	1.2238	1.2259	0.001263	-0.0006	-0.00015	0.0003	0.00027988
30	1.2206	1.2233	1.2271	0.0020391	1.2207	1.2231	1.2266	0.0019359	-0.0012	-0.00024	0.0007	0.00060222
50	1.2213	1.2235	1.2251	0.0010779	1.2213	1.2232	1.2244	0.0010475	-0.0016	-0.0003	0.0017	0.00088443
100	1.2208	1.2232	1.227	0.0019225	1.2197	1.2224	1.2265	0.0024193	-0.0024	-0.00083	0.0012	0.0010698

Device Test: 21.13 VOLTAGE|VREF/VREF/12/12/0/0/5/500kHz//@V_REFCAP





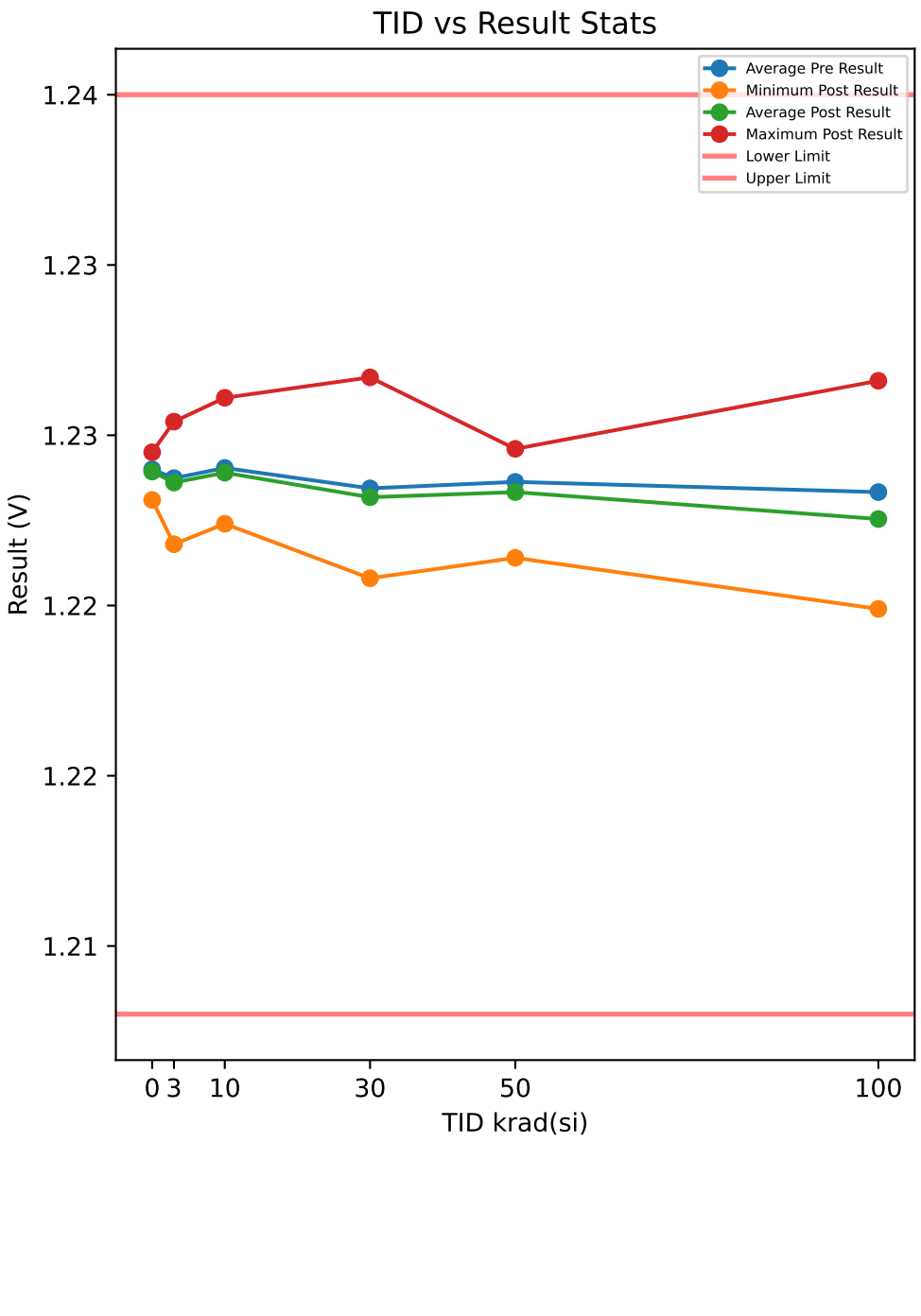
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

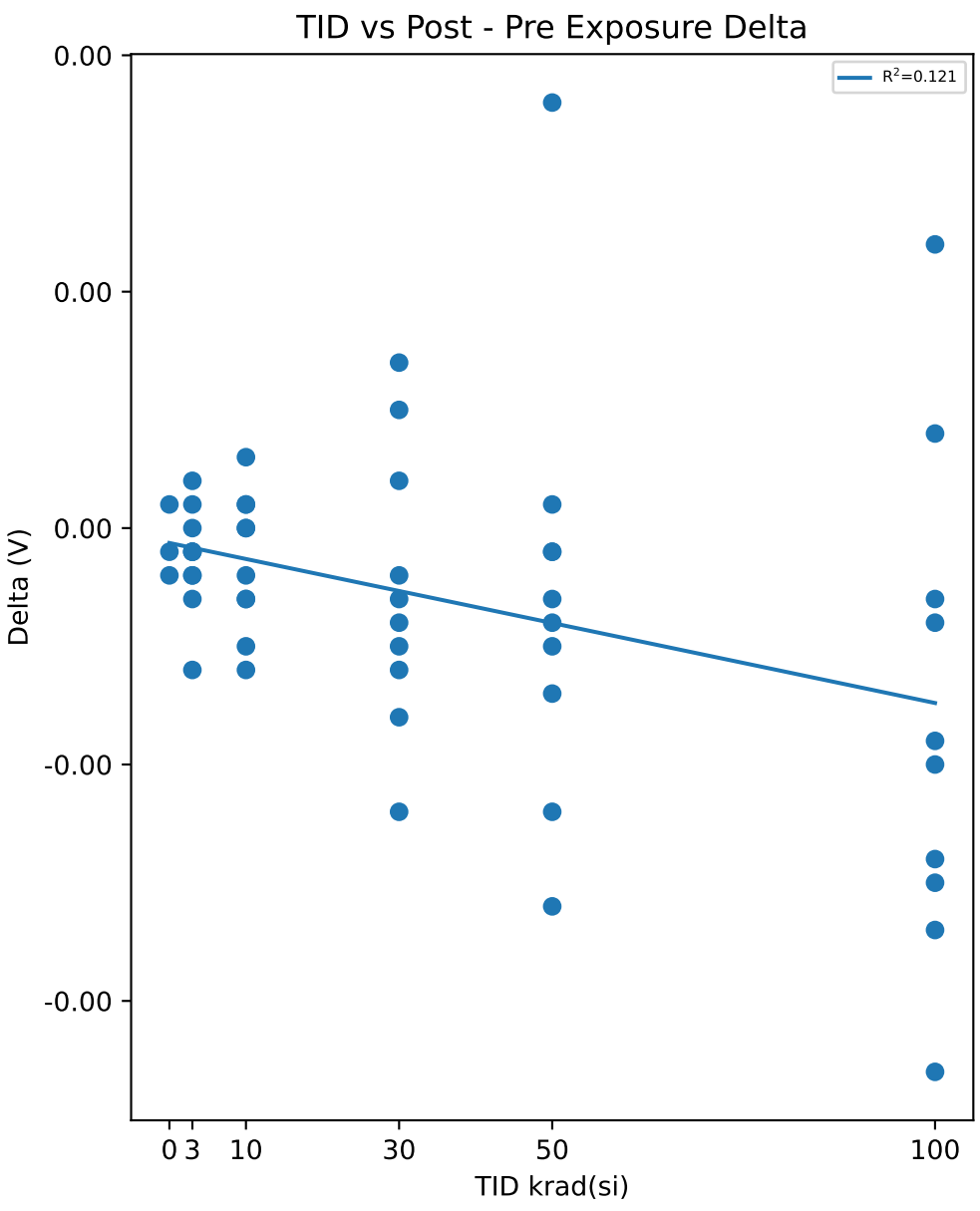
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2228	-0.0002
2	3	HDR BIAS	1.2224	1.2218	-0.0006
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2238	1.2235	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2237	-0.0002
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2228	1.2224	-0.0004
15	10	HDR BIAS	1.2233	1.2229	-0.0004
16	10	HDR UNBIAS	1.2224	1.2223	-0.0001
17	10	HDR UNBIAS	1.2246	1.224	-0.0006
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2249	-0.0002
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2207	-0.0007
34	30	HDR BIAS	1.222	1.2218	-0.0002
35	30	HDR BIAS	1.2227	1.2233	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.2219	1.2208	-0.0011
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.2239	-0.0005
41	50	HDR BIAS	1.2236	1.2219	-0.0017
42	50	HDR BIAS	1.2231	1.2231	0
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2214	1.2214	0
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2245	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.2271	1.2263	-0.0008
52	100	HDR BIAS	1.2222	1.2205	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2225	-0.0009
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2228	0.0004
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.2241	1.2241	0

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	1.2232	1.224	1.2246	0.00070946	1.223	1.2239	1.2245	0.00077675	-0.0002	-0.0001	0	0.0001
3	1.2224	1.2238	1.2255	0.0010607	1.2218	1.2236	1.2254	0.001184	-0.0006	-0.00017	0.0001	0.00020028
10	1.2224	1.224	1.226	0.0011717	1.2223	1.2239	1.226	0.0012843	-0.0006	-0.00016	0.0003	0.00027162
30	1.2206	1.2234	1.2272	0.0020621	1.2207	1.2231	1.2267	0.0019631	-0.0011	-0.00026	0.0007	0.00059479
50	1.2214	1.2236	1.2252	0.0010779	1.2214	1.2233	1.2245	0.0010577	-0.0017	-0.00033	0.0017	0.00089573
100	1.2209	1.2233	1.2271	0.0019303	1.2198	1.2225	1.2265	0.0024179	-0.0023	-0.0008	0.0011	0.0010231

Device Test: 21.15 VOLTAGE|VREF/VREF/14/14/0/0/5/500kHz//@V_REFCAP





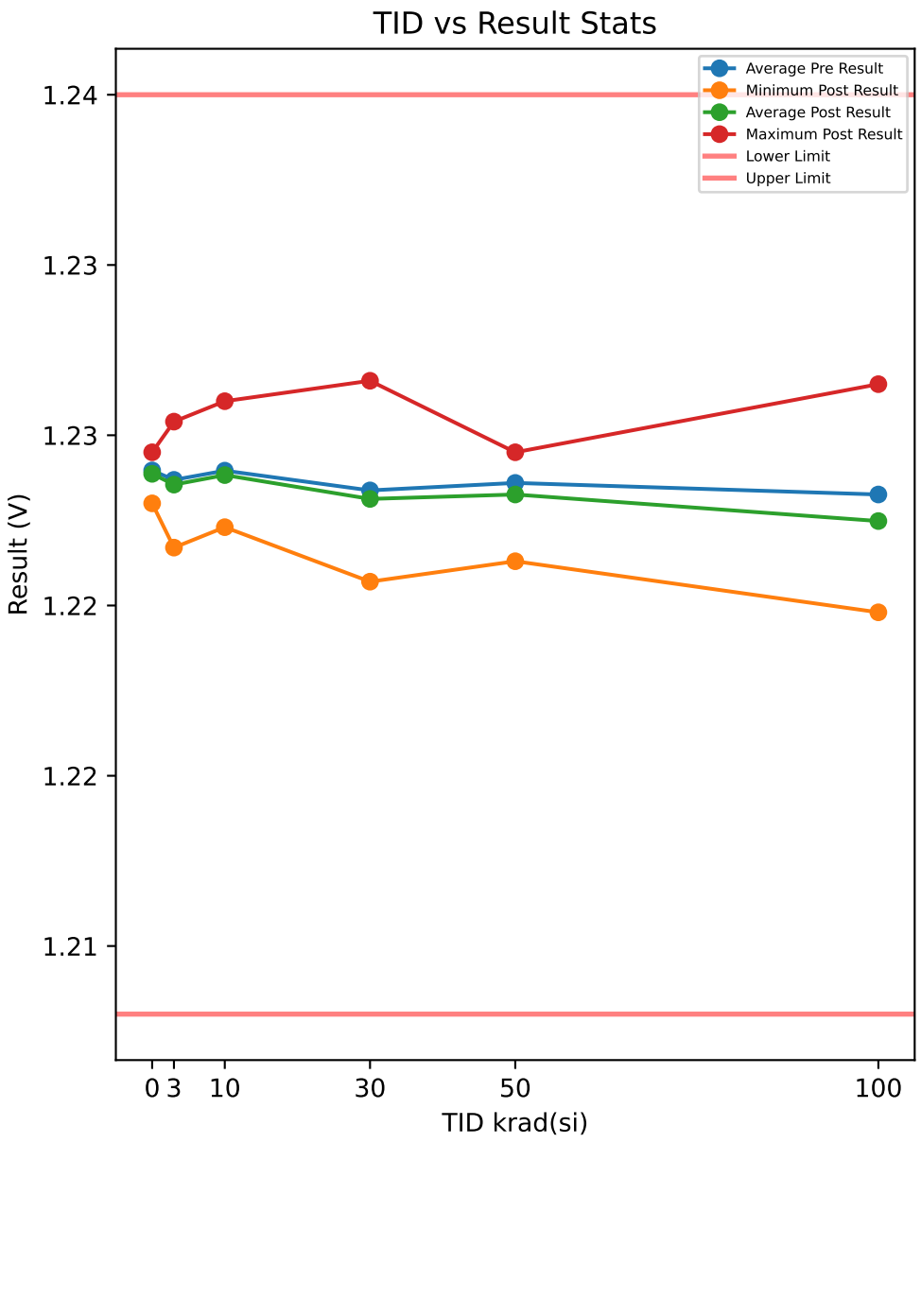
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

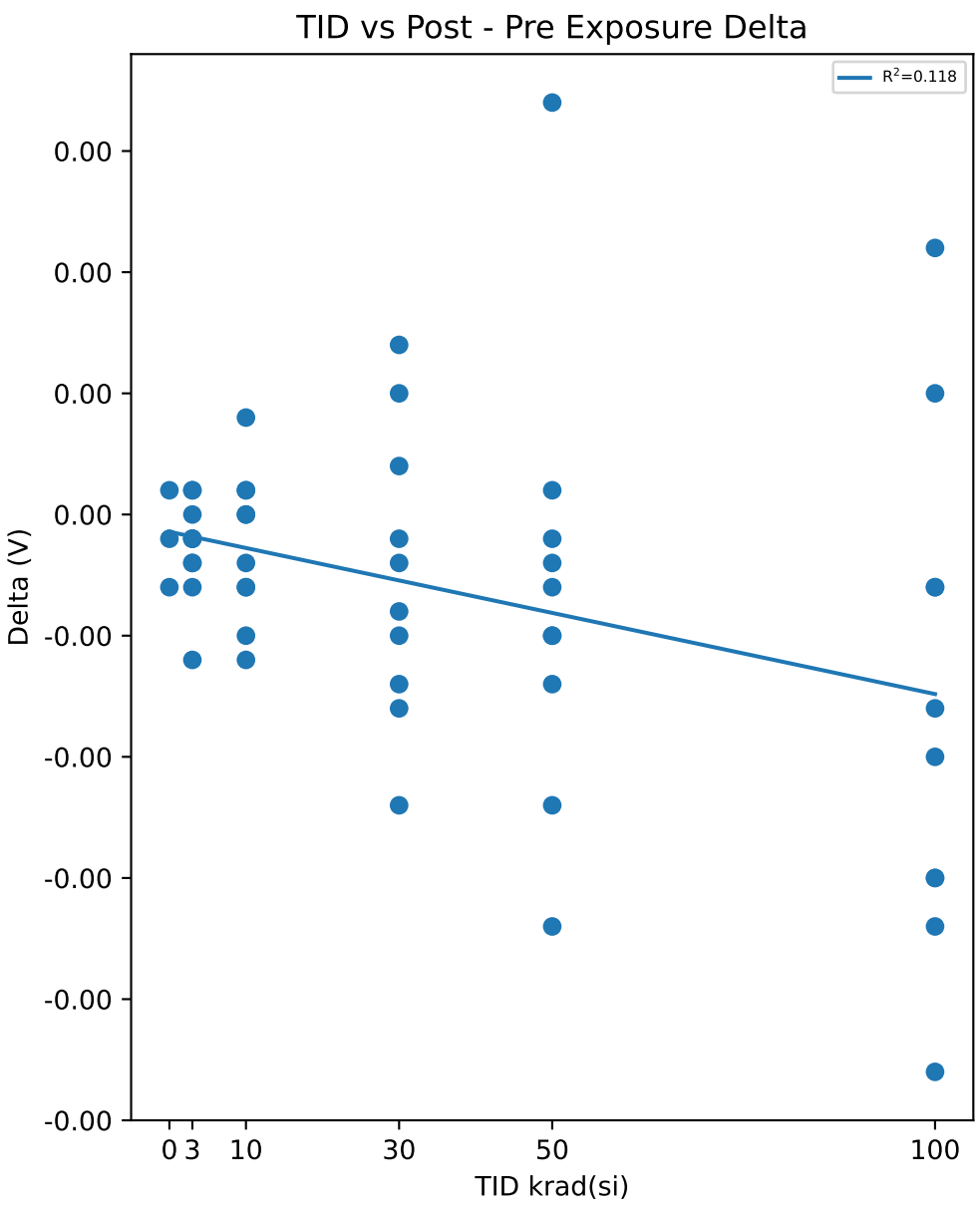
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2229	-0.0001
2	3	HDR BIAS	1.2224	1.2218	-0.0006
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2246	0
5	3	HDR BIAS	1.2238	1.2235	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2238	-0.0001
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.2261	0.0001
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2229	1.2224	-0.0005
15	10	HDR BIAS	1.2233	1.223	-0.0003
16	10	HDR UNBIAS	1.2224	1.2224	0
17	10	HDR UNBIAS	1.2246	1.224	-0.0006
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2229	1.2227	-0.0002
20	10	HDR UNBIAS	1.2252	1.2249	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2208	-0.0006
34	30	HDR BIAS	1.222	1.2218	-0.0002
35	30	HDR BIAS	1.2228	1.2233	0.0005
36	30	HDR UNBIAS	1.2207	1.2214	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.222	1.2208	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.222	-0.0016
42	50	HDR BIAS	1.2231	1.2232	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2215	1.2214	-0.0001
46	50	HDR UNBIAS	1.2228	1.2246	0.0018
47	50	HDR UNBIAS	1.224	1.2236	-0.0004
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2245	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.2271	1.2262	-0.0009
52	100	HDR BIAS	1.2222	1.2205	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2235	1.2225	-0.001
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2228	0.0004
57	100	HDR UNBIAS	1.2209	1.2206	-0.0003
58	100	HDR UNBIAS	1.2213	1.2199	-0.0014
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2254	1.2266	0.0012
71	0	CORRELATION	1.2233	1.2231	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.2241	1.2242	0.0001

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	1.2233	1.224	1.2246	0.00065574	1.2231	1.2239	1.2245	0.00073711	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2224	1.2237	1.2255	0.0010669	1.2218	1.2236	1.2254	0.0011874	-0.0006	-0.00013	0.0002	0.00022136
10	1.2224	1.224	1.226	0.0011711	1.2224	1.2239	1.2261	0.001271	-0.0006	-0.00014	0.0003	0.00028752
30	1.2207	1.2234	1.2272	0.0020354	1.2208	1.2232	1.2267	0.0019435	-0.0012	-0.00026	0.0007	0.00058538
50	1.2215	1.2236	1.2252	0.0010552	1.2214	1.2233	1.2246	0.0010573	-0.0016	-0.0003	0.0018	0.00090431
100	1.2209	1.2233	1.2271	0.0019311	1.2199	1.2225	1.2266	0.0023978	-0.0023	-0.00079	0.0012	0.001044

Device Test: 21.17 VOLTAGE|VREF/VREF/4.5/4.5/0/0/4.5/1MHz//@V_REFCAP





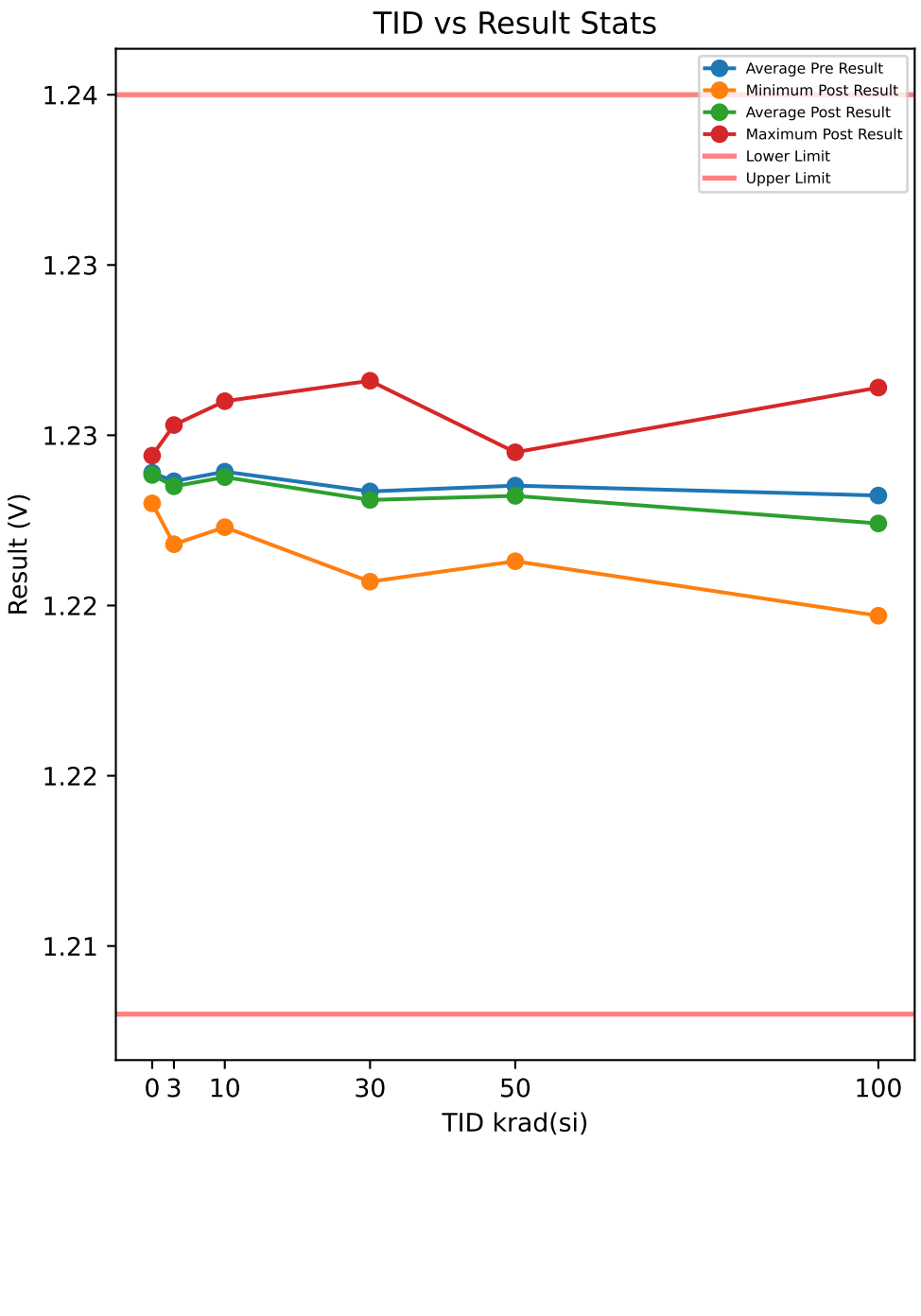
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

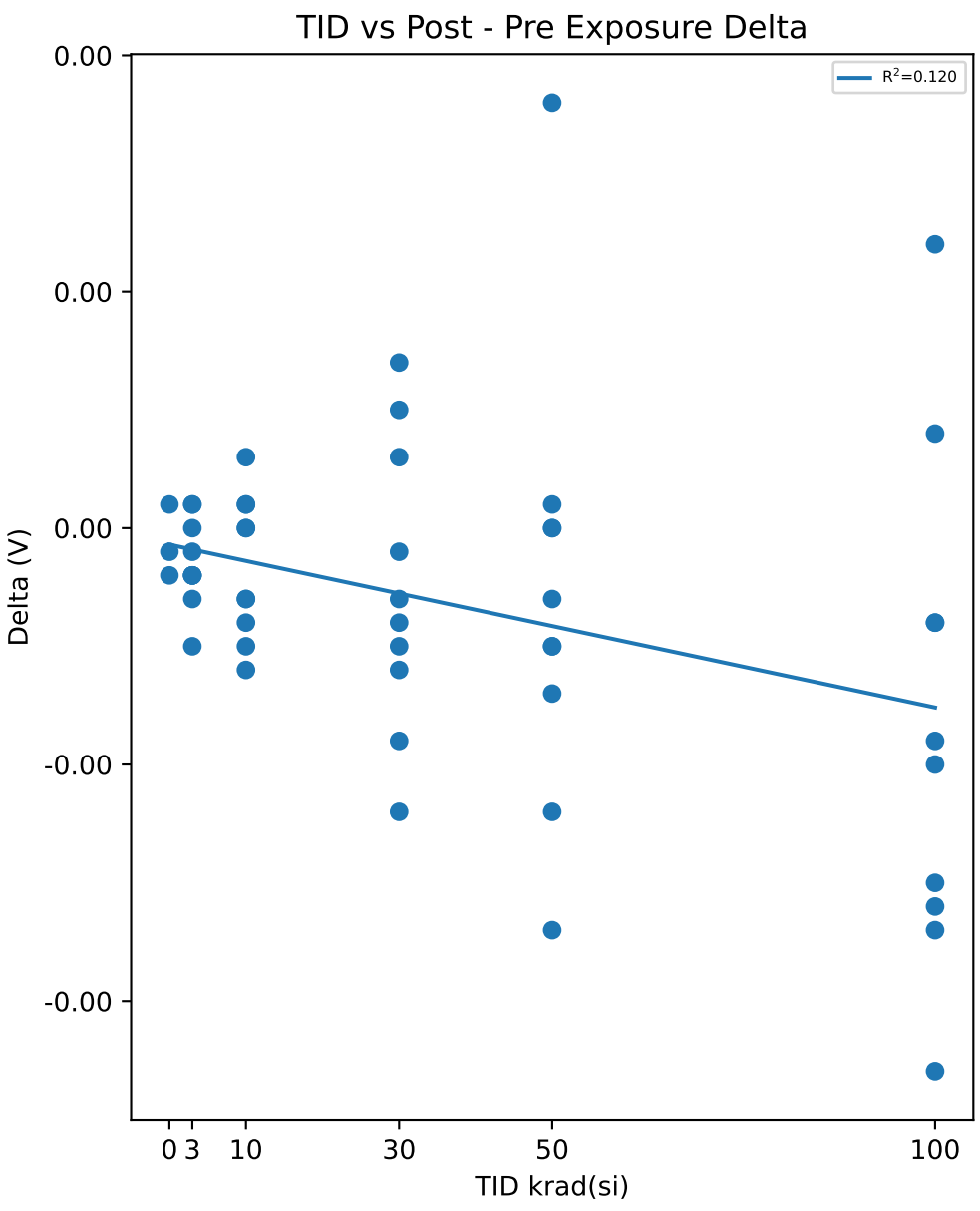
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2217	-0.0006
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2254	1.2254	0
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2237	1.2237	0
13	10	HDR BIAS	1.2245	1.2246	0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.223	-0.0002
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2241	1.2239	-0.0002
33	30	HDR BIAS	1.2214	1.2207	-0.0007
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.2219	-0.0017
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2215	1.2213	-0.0002
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2262	-0.0008
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2208	1.2205	-0.0003
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2233	1.223	-0.0003
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2233	1.224	1.2246	0.00065064	1.223	1.2239	1.2245	0.00077675	-0.0003	-0.0001	0.0001	0.0002
3	1.2223	1.2237	1.2254	0.0010754	1.2217	1.2235	1.2254	0.0012131	-0.0006	-0.00014	0.0001	0.00020656
10	1.2223	1.224	1.2259	0.0011578	1.2223	1.2238	1.226	0.0012807	-0.0006	-0.00013	0.0004	0.00030569
30	1.2206	1.2234	1.2271	0.0020455	1.2207	1.2231	1.2266	0.0019608	-0.0012	-0.00025	0.0007	0.00059489
50	1.2215	1.2236	1.2251	0.0010328	1.2213	1.2233	1.2245	0.0010554	-0.0017	-0.00034	0.0017	0.00089468
100	1.2208	1.2233	1.227	0.0019346	1.2198	1.2225	1.2265	0.0024188	-0.0023	-0.00078	0.0011	0.0010475

Device Test: 21.19 VOLTAGE|VREF/VREF/5/5/0/0/5/1MHz//@V_REFCAP





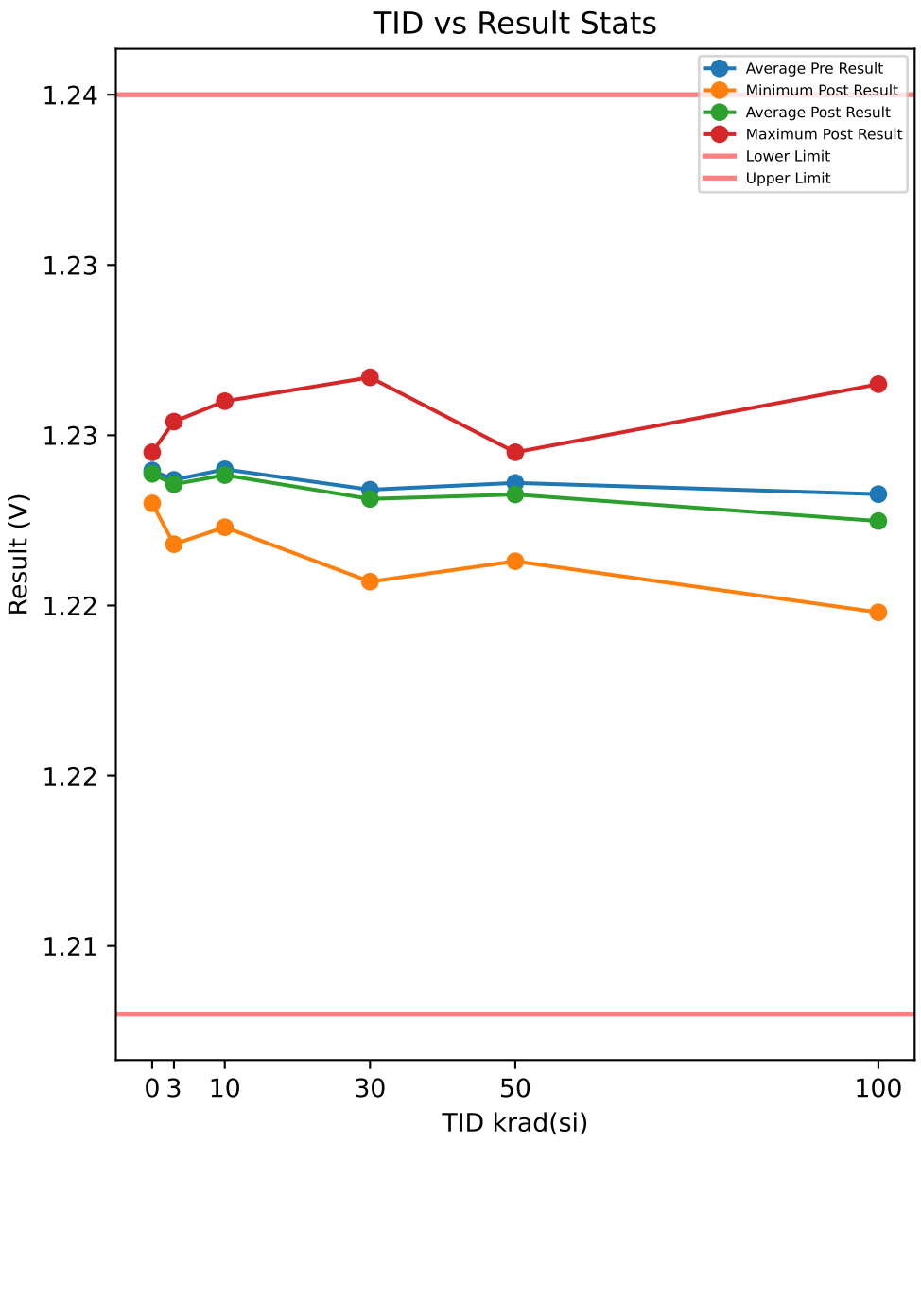
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

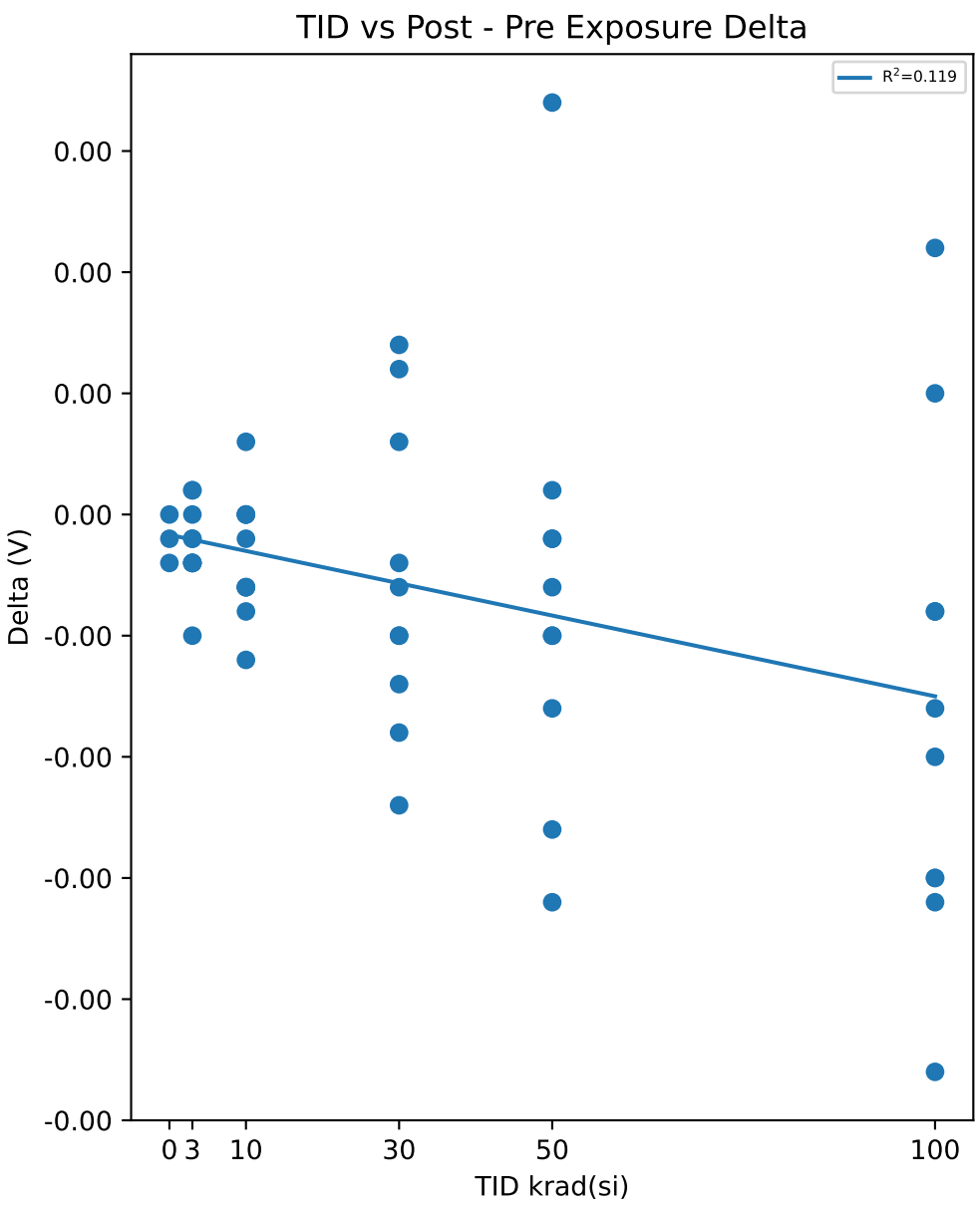
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2245	1.2245	0
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2236	-0.0002
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2245	0
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2228	-0.0004
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.225	0.0003
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.225	1.2247	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.2239	1.2242	0.0003
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2218	-0.0017
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.224	1.2237	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2213	1.2213	0
46	50	HDR UNBIAS	1.2227	1.2245	0.0018
47	50	HDR UNBIAS	1.2239	1.2234	-0.0005
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.2231	0
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2227	0.0004
57	100	HDR UNBIAS	1.2208	1.2204	-0.0004
58	100	HDR UNBIAS	1.2213	1.2197	-0.0016
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2252	1.2264	0.0012
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2232	1.2239	1.2245	0.00065574	1.223	1.2238	1.2244	0.00073711	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2223	1.2236	1.2254	0.0010607	1.2218	1.2235	1.2253	0.0011766	-0.0005	-0.00015	0.0001	0.00018409
10	1.2223	1.2239	1.2259	0.0011605	1.2223	1.2238	1.226	0.0012815	-0.0006	-0.00016	0.0003	0.00029889
30	1.2206	1.2233	1.2271	0.0020479	1.2207	1.2231	1.2266	0.0019419	-0.0012	-0.00025	0.0007	0.00060782
50	1.2213	1.2235	1.2251	0.0010779	1.2213	1.2232	1.2245	0.0010675	-0.0017	-0.0003	0.0018	0.00092856
100	1.2208	1.2232	1.227	0.0019079	1.2197	1.2224	1.2264	0.0024007	-0.0023	-0.00082	0.0012	0.0010539

Device Test: 21.21 VOLTAGE|VREF/VREF/12/12/0/0/5/1MHz//@V_REFCAP





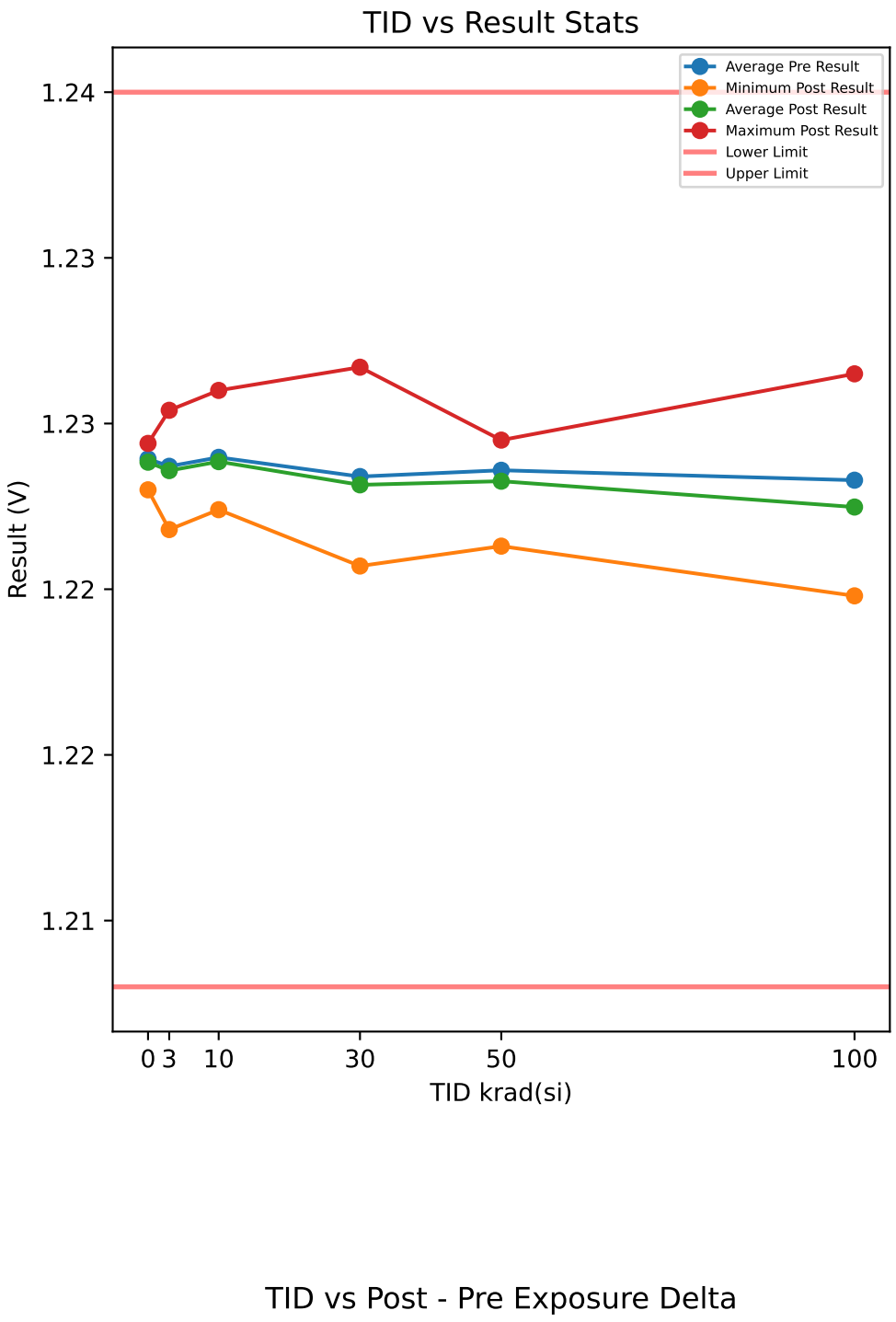
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

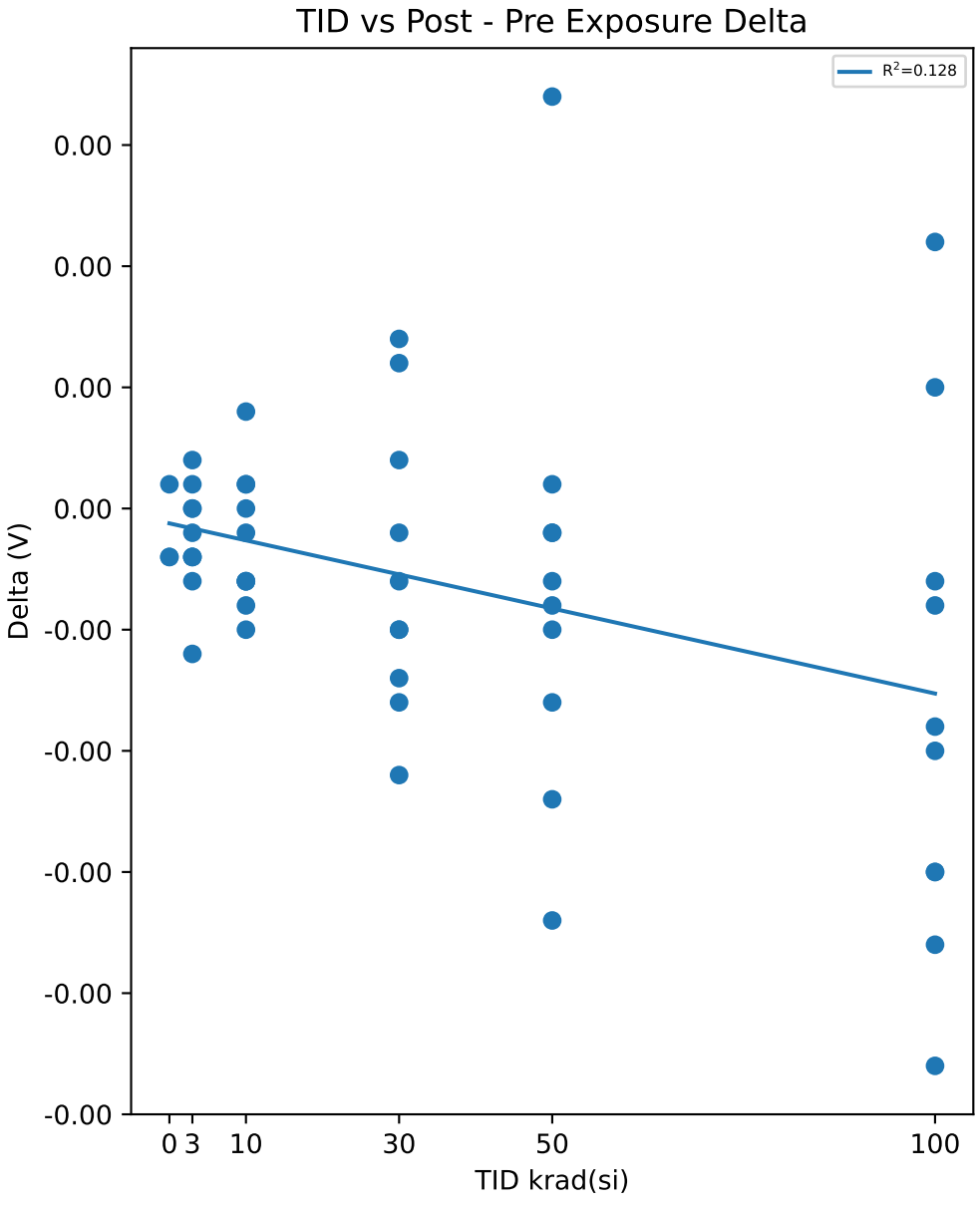
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2228	-0.0002
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2237	1.2235	-0.0002
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2254	1.2254	0
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2237	1.2237	0
13	10	HDR BIAS	1.2246	1.2245	-0.0001
14	10	HDR BIAS	1.2228	1.2224	-0.0004
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2246	1.224	-0.0006
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2207	-0.0007
34	30	HDR BIAS	1.222	1.2218	-0.0002
35	30	HDR BIAS	1.2227	1.2233	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.2239	1.2242	0.0003
40	30	HDR UNBIAS	1.2244	1.2239	-0.0005
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2227	-0.0013
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2244	-0.0008
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2262	-0.0008
52	100	HDR BIAS	1.2221	1.2205	-0.0016
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.2241	1.2241	0

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	1.2232	1.224	1.2246	0.00070946	1.223	1.2239	1.2245	0.00077675	-0.0002	-0.0001	0	0.0001
3	1.2223	1.2237	1.2254	0.0010661	1.2218	1.2236	1.2254	0.0011918	-0.0005	-0.00013	0.0001	0.0001767
10	1.2223	1.224	1.226	0.0011944	1.2223	1.2238	1.226	0.0012702	-0.0006	-0.00017	0.0003	0.00025841
30	1.2206	1.2234	1.2272	0.0020591	1.2207	1.2231	1.2267	0.001967	-0.0012	-0.00027	0.0007	0.00063078
50	1.2214	1.2236	1.2252	0.0010842	1.2213	1.2233	1.2245	0.001071	-0.0016	-0.00034	0.0017	0.00089716
100	1.2209	1.2233	1.227	0.0019207	1.2198	1.2225	1.2265	0.0024022	-0.0023	-0.00079	0.0011	0.001029

Device Test: 21.23 VOLTAGE|VREF/VREF/14/14/0/0/5/1MHz//@V_REFCAP





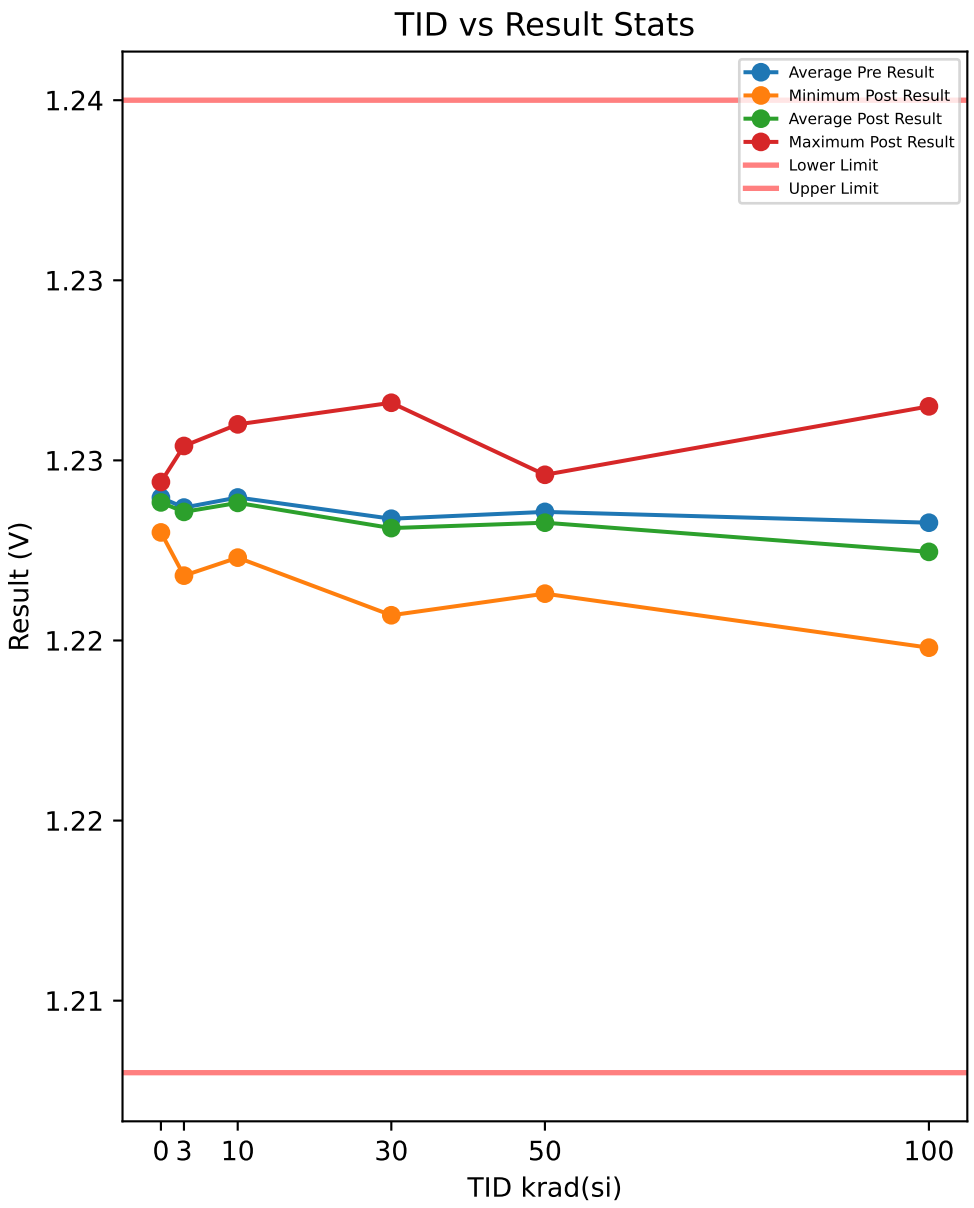
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

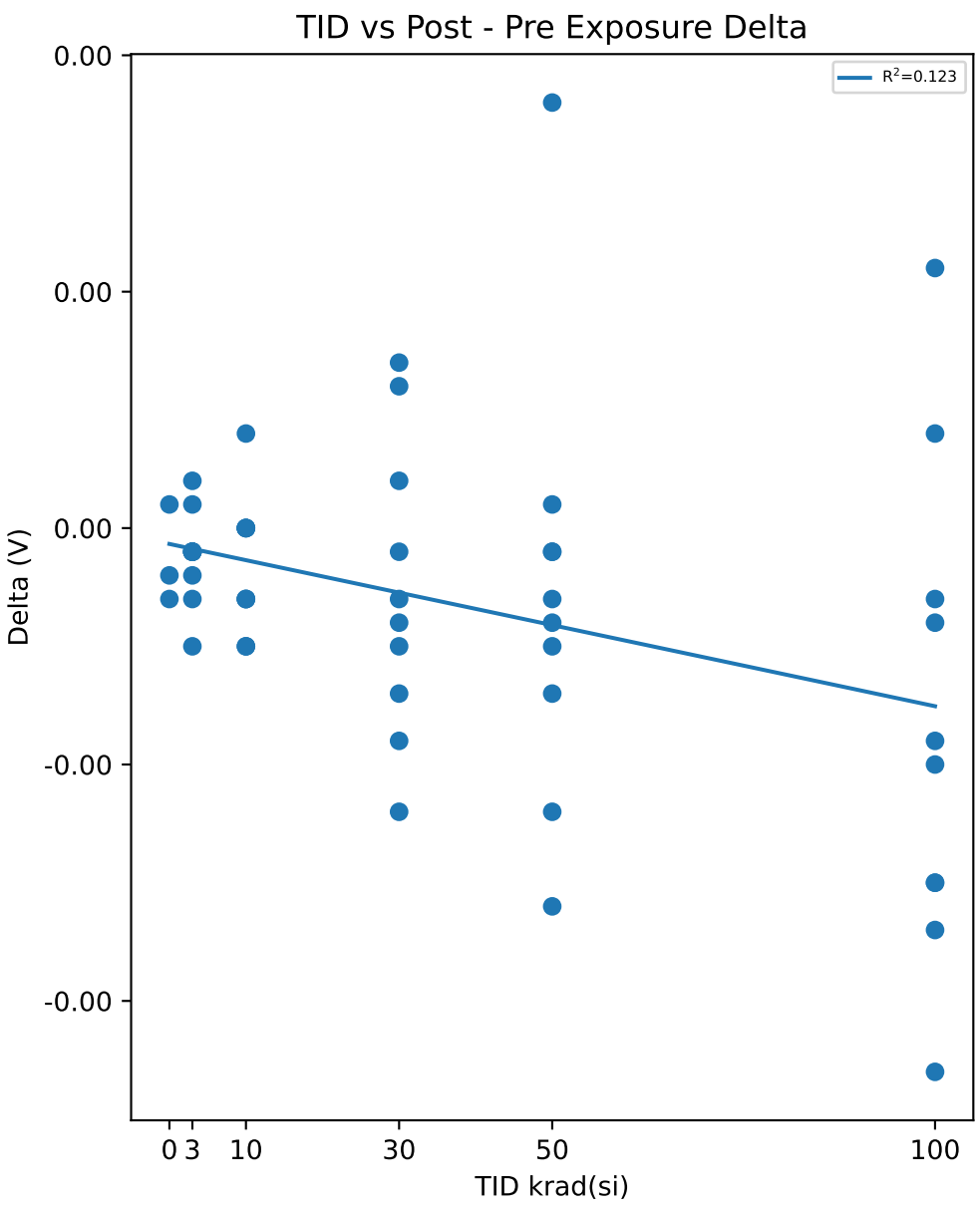
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2228	-0.0002
2	3	HDR BIAS	1.2224	1.2218	-0.0006
3	3	HDR BIAS	1.2251	1.2253	0.0002
4	3	HDR BIAS	1.2245	1.2245	0
5	3	HDR BIAS	1.2238	1.2235	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2254	1.2254	0
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2245	-0.0001
14	10	HDR BIAS	1.2228	1.2224	-0.0004
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2224	0.0001
17	10	HDR UNBIAS	1.2245	1.224	-0.0005
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2207	-0.0007
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2233	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.2219	1.2208	-0.0011
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.2239	-0.0005
41	50	HDR BIAS	1.2236	1.2219	-0.0017
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.2239	1.2235	-0.0004
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2244	-0.0008
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.2271	1.2262	-0.0009
52	100	HDR BIAS	1.2222	1.2204	-0.0018
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2246	1.2244	-0.0002
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2232	1.2239	1.2246	0.00070238	1.223	1.2238	1.2244	0.00073711	-0.0002	-0.0001	0.0001	0.00017321
3	1.2224	1.2237	1.2254	0.001017	1.2218	1.2236	1.2254	0.001184	-0.0006	-0.00013	0.0002	0.00022632
10	1.2223	1.224	1.226	0.0011821	1.2224	1.2239	1.226	0.0012563	-0.0005	-0.00013	0.0004	0.00027909
30	1.2206	1.2234	1.2272	0.0020699	1.2207	1.2231	1.2267	0.0019631	-0.0011	-0.00025	0.0007	0.00059675
50	1.2214	1.2236	1.2252	0.0010765	1.2213	1.2233	1.2245	0.001071	-0.0017	-0.00033	0.0017	0.00090068
100	1.2209	1.2233	1.2271	0.0019359	1.2198	1.2225	1.2265	0.0024188	-0.0023	-0.00081	0.0011	0.0010535

Device Test: 21.25 VOLTAGE|VREF/VREF/4.5/4.5/0/1000/4.5/100kHz//@V_REFCAP





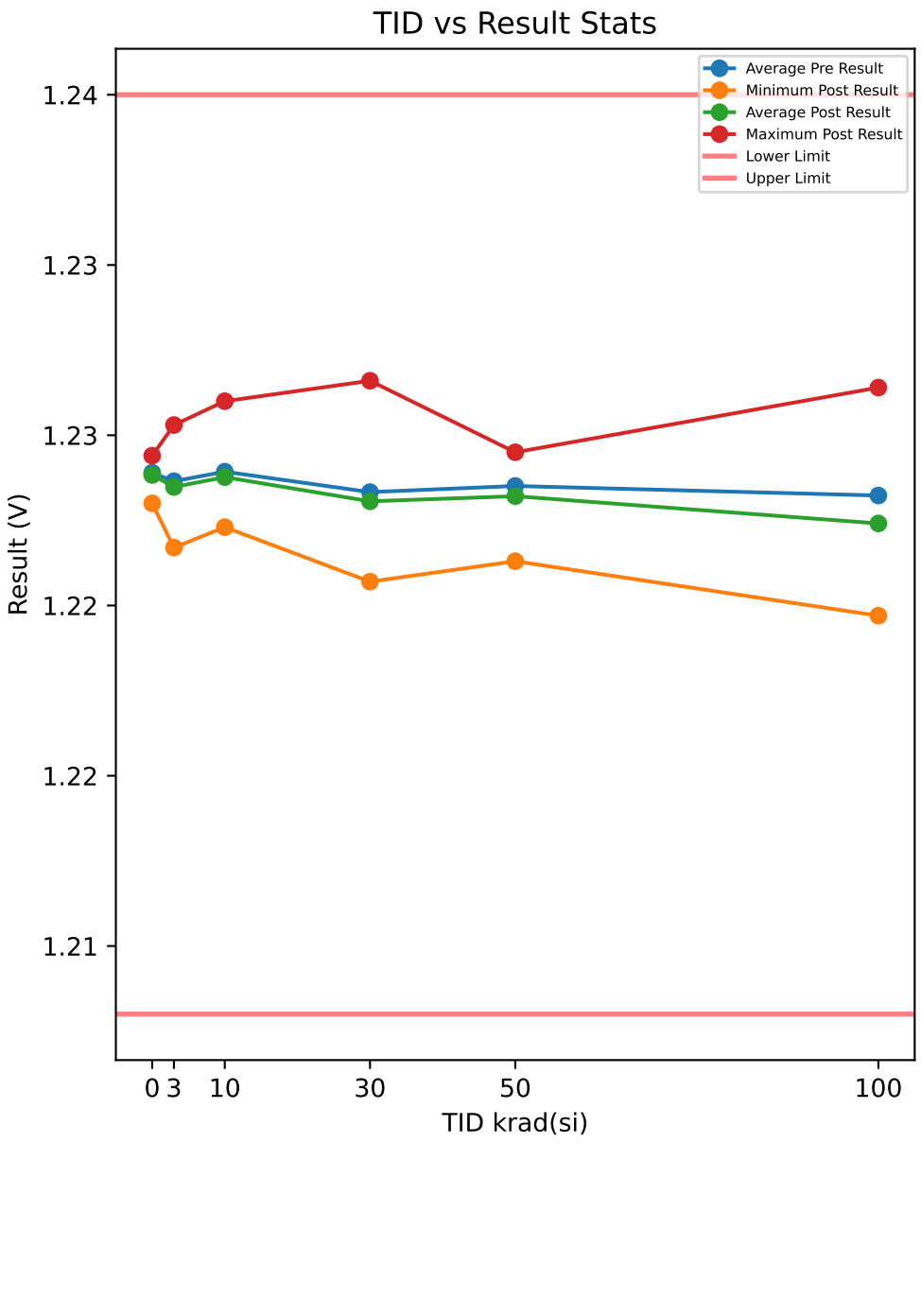
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

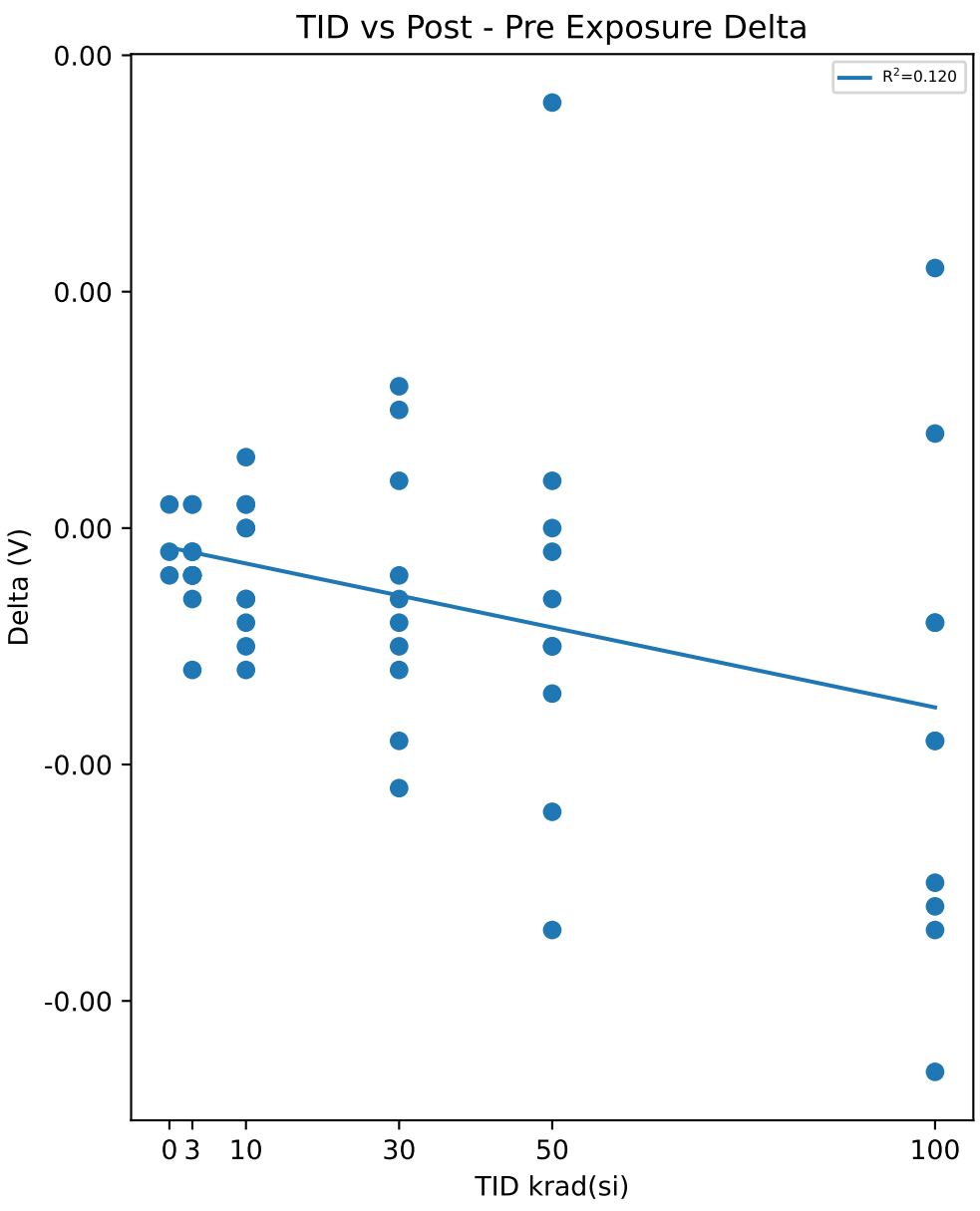
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2237	1.2235	-0.0002
6	3	HDR UNBIAS	1.2233	1.223	-0.0003
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2225	1.2224	-0.0001
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2237	1.2237	0
13	10	HDR BIAS	1.2245	1.2245	0
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.224	-0.0005
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2214	1.2207	-0.0007
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2233	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2246	0.0018
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2247	1.2243	-0.0004
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2227	0.0004
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2233	1.223	-0.0003
72	0	CORRELATION	1.2246	1.2244	-0.0002
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2233	1.224	1.2246	0.00065064	1.223	1.2238	1.2244	0.00073711	-0.0003	-0.00013333	0.0001	0.00020817
3	1.2223	1.2237	1.2255	0.0010989	1.2218	1.2236	1.2254	0.0011889	-0.0005	-0.00012	0.0002	0.00019322
10	1.2223	1.224	1.226	0.0011767	1.2223	1.2238	1.226	0.0012831	-0.0005	-0.00015	0.0004	0.00027988
30	1.2206	1.2234	1.2271	0.0020455	1.2207	1.2231	1.2266	0.0019475	-0.0012	-0.00026	0.0007	0.00062039
50	1.2214	1.2236	1.2251	0.001052	1.2213	1.2233	1.2246	0.0010843	-0.0016	-0.0003	0.0018	0.00090431
100	1.2209	1.2233	1.227	0.0019207	1.2198	1.2225	1.2265	0.0024006	-0.0023	-0.00081	0.0011	0.00103

Device Test: 21.27 VOLTAGE|VREF/VREF/5/5/0/1000/5/100kHz//@V_REFCAP





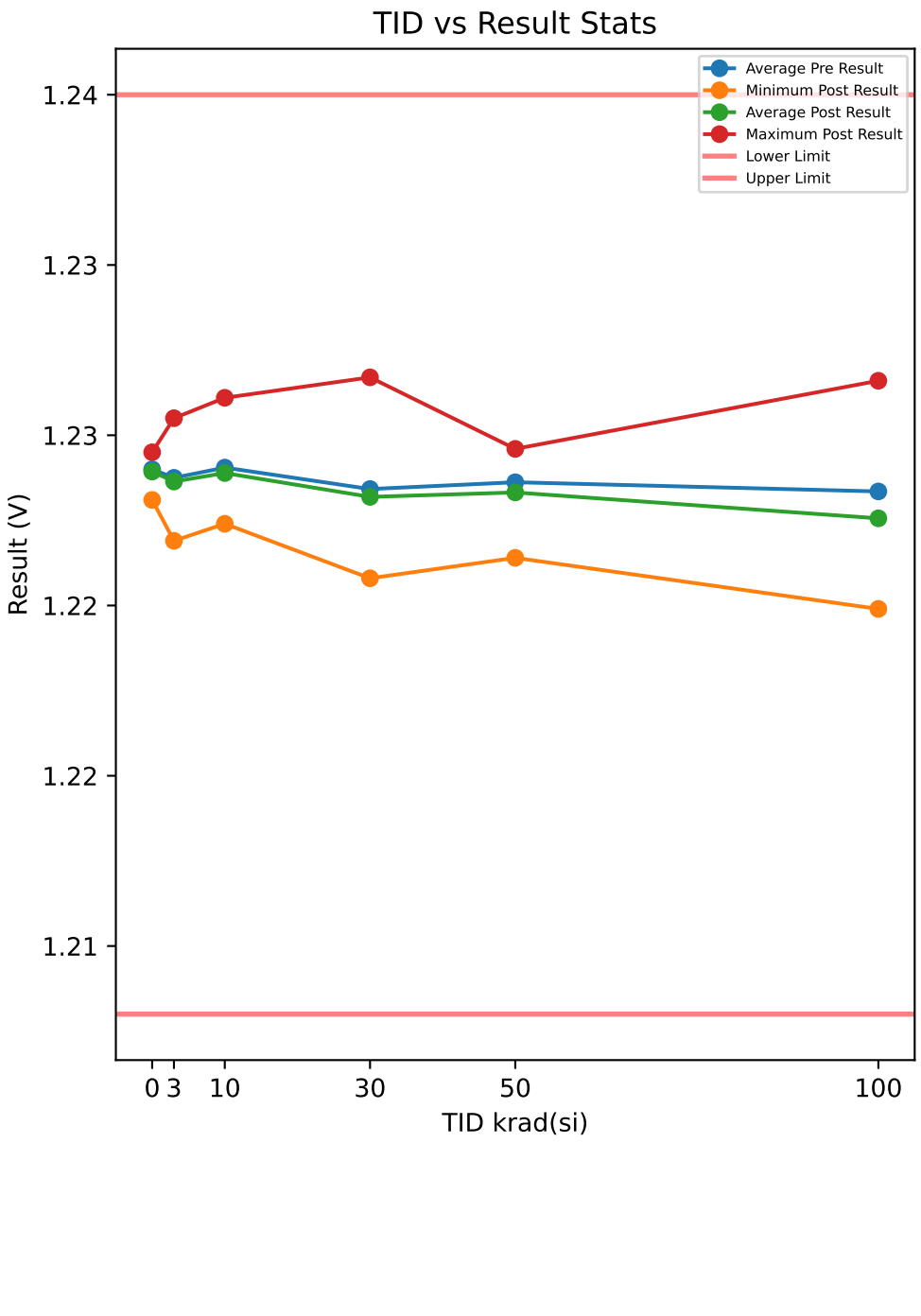
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

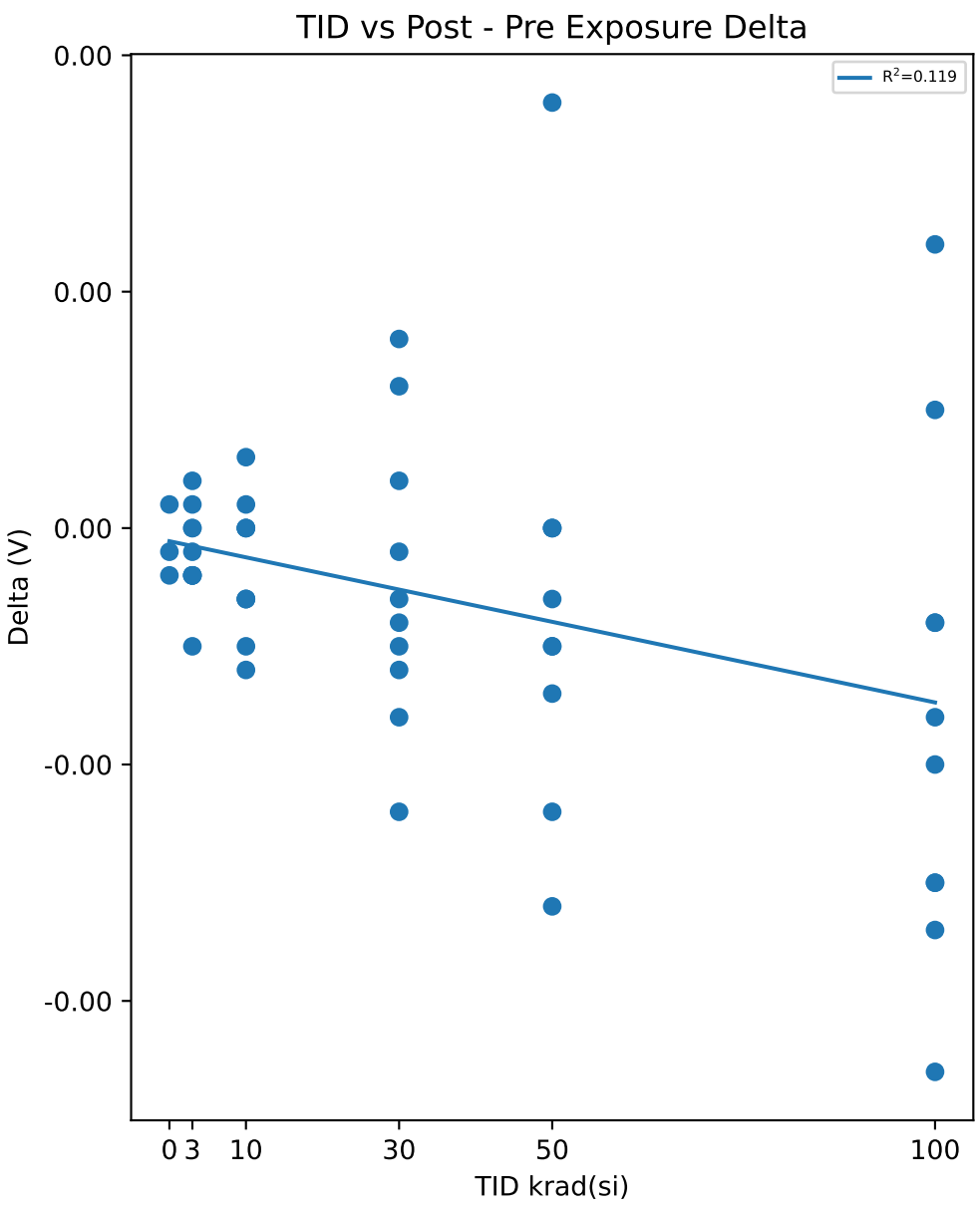
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2223	1.2217	-0.0006
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2245	1.2244	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2236	-0.0002
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2245	0
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2228	-0.0004
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.225	0.0003
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.225	1.2247	-0.0003
31	30	HDR BIAS	1.2256	1.2247	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2217	-0.0002
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2212	0.0006
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2218	1.2207	-0.0011
39	30	HDR UNBIAS	1.2239	1.2241	0.0002
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2218	-0.0017
42	50	HDR BIAS	1.2229	1.2231	0.0002
43	50	HDR BIAS	1.224	1.2237	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2213	1.2213	0
46	50	HDR UNBIAS	1.2227	1.2245	0.0018
47	50	HDR UNBIAS	1.2239	1.2234	-0.0005
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.223	-0.0001
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2233	1.2224	-0.0009
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2227	0.0004
57	100	HDR UNBIAS	1.2208	1.2204	-0.0004
58	100	HDR UNBIAS	1.2213	1.2197	-0.0016
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2253	1.2264	0.0011
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2232	1.2239	1.2245	0.00065574	1.223	1.2238	1.2244	0.00073711	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2223	1.2236	1.2254	0.0010607	1.2217	1.2235	1.2253	0.001184	-0.0006	-0.00017	0.0001	0.00020028
10	1.2223	1.2239	1.2259	0.0011605	1.2223	1.2238	1.226	0.0012815	-0.0006	-0.00016	0.0003	0.00029889
30	1.2206	1.2233	1.2271	0.0020434	1.2207	1.2231	1.2266	0.0019443	-0.0011	-0.00027	0.0006	0.00056184
50	1.2213	1.2235	1.2251	0.0010837	1.2213	1.2232	1.2245	0.0010692	-0.0017	-0.0003	0.0018	0.00093095
100	1.2208	1.2232	1.227	0.0019189	1.2197	1.2224	1.2264	0.0024007	-0.0023	-0.00082	0.0011	0.0010315

Device Test: 21.29 VOLTAGE|VREF/VREF/12/12/0/1000/5/100kHz//@V_REFCAP





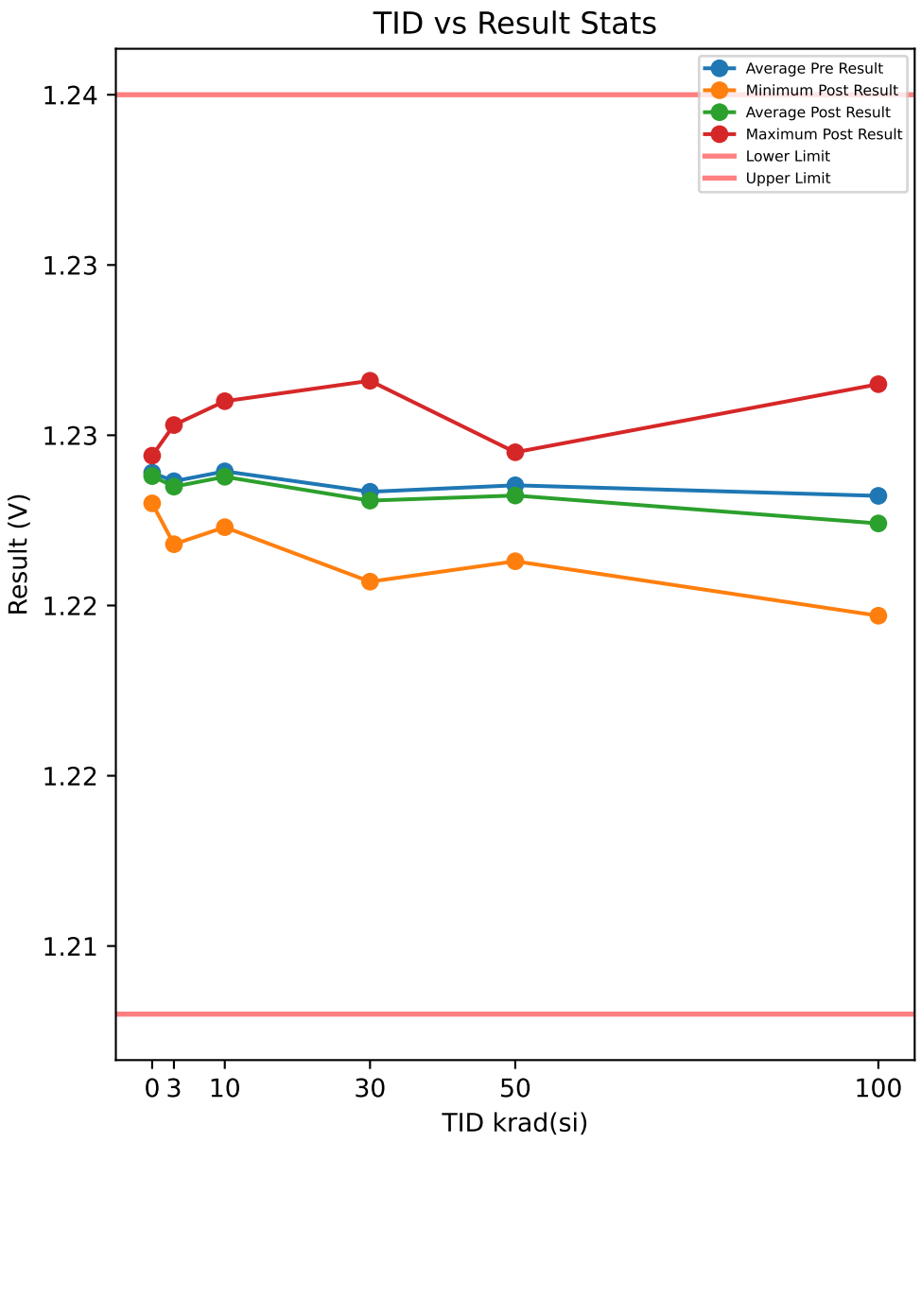
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

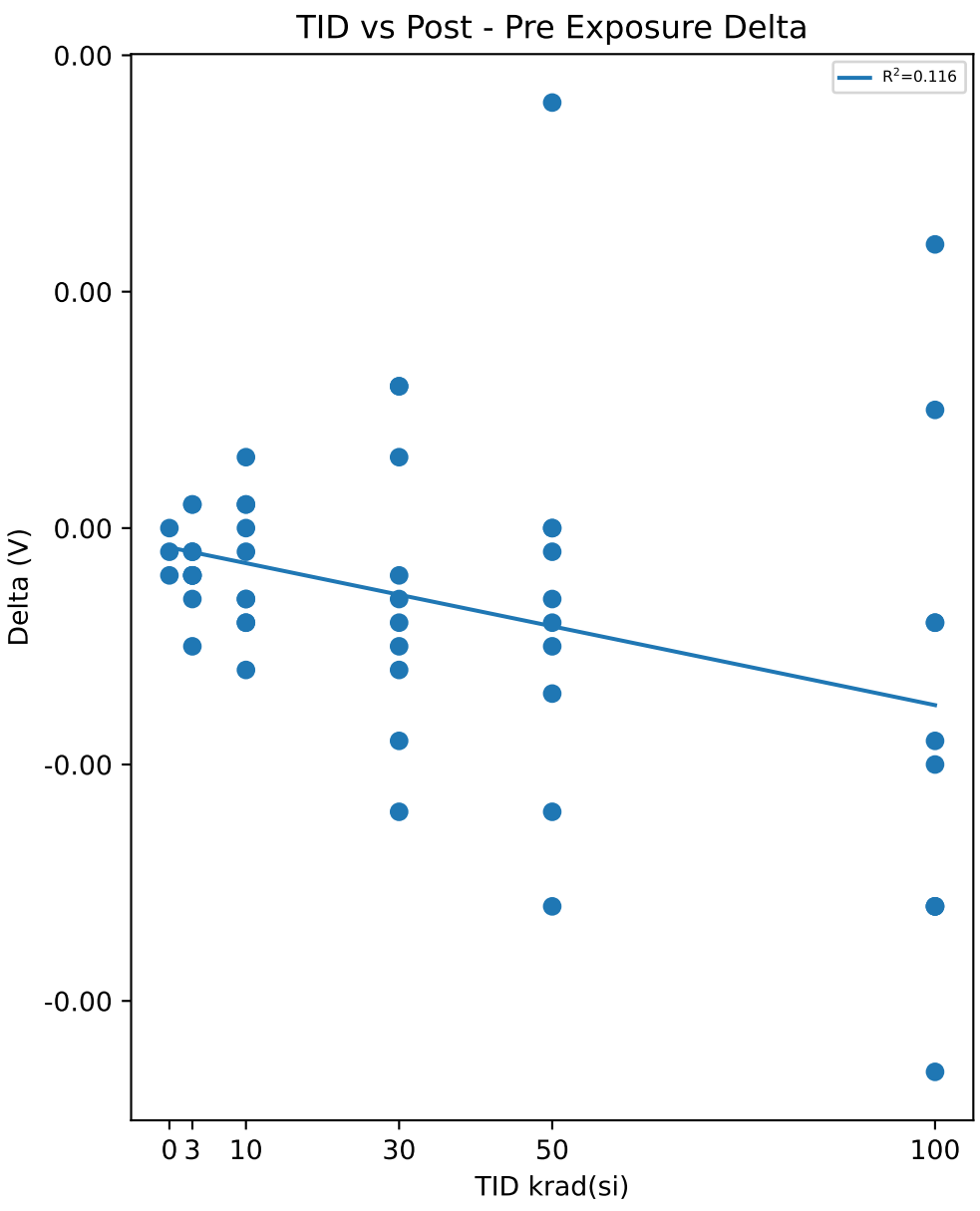
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2229	-0.0001
2	3	HDR BIAS	1.2224	1.2219	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2246	0
5	3	HDR BIAS	1.2238	1.2236	-0.0002
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2237	-0.0002
8	3	HDR UNBIAS	1.2255	1.2255	0
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2227	1.2225	-0.0002
11	10	HDR BIAS	1.2261	1.2261	0
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2229	1.2224	-0.0005
15	10	HDR BIAS	1.2233	1.223	-0.0003
16	10	HDR UNBIAS	1.2224	1.2224	0
17	10	HDR UNBIAS	1.2246	1.224	-0.0006
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2252	1.2249	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2208	-0.0006
34	30	HDR BIAS	1.222	1.2219	-0.0001
35	30	HDR BIAS	1.2227	1.2233	0.0006
36	30	HDR UNBIAS	1.2206	1.2214	0.0008
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.222	1.2208	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.222	-0.0016
42	50	HDR BIAS	1.2231	1.2231	0
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2214	1.2214	0
46	50	HDR UNBIAS	1.2228	1.2246	0.0018
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2245	-0.0007
50	50	HDR UNBIAS	1.2232	1.2232	0
51	100	HDR BIAS	1.2271	1.2263	-0.0008
52	100	HDR BIAS	1.2222	1.2205	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2235	1.2225	-0.001
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2229	0.0005
57	100	HDR UNBIAS	1.221	1.2206	-0.0004
58	100	HDR UNBIAS	1.2214	1.2199	-0.0015
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2254	1.2266	0.0012
71	0	CORRELATION	1.2233	1.2231	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.2241	1.2242	0.0001

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	1.2233	1.224	1.2246	0.00065574	1.2231	1.2239	1.2245	0.00073711	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2224	1.2238	1.2255	0.0010554	1.2219	1.2236	1.2255	0.0011749	-0.0005	-0.00011	0.0002	0.00019692
10	1.2224	1.2241	1.2261	0.00119	1.2224	1.2239	1.2261	0.0012819	-0.0006	-0.00016	0.0003	0.00028363
30	1.2206	1.2234	1.2272	0.0020542	1.2208	1.2232	1.2267	0.0019359	-0.0012	-0.00023	0.0008	0.00062013
50	1.2214	1.2236	1.2252	0.0010779	1.2214	1.2233	1.2246	0.0010549	-0.0016	-0.0003	0.0018	0.00090799
100	1.221	1.2233	1.2271	0.0019057	1.2199	1.2226	1.2266	0.0024162	-0.0023	-0.00079	0.0012	0.0010588

Device Test: 21.3 VOLTAGE|VREF/VREF/5/5/0/0/5/100kHz//@V_REFCAP





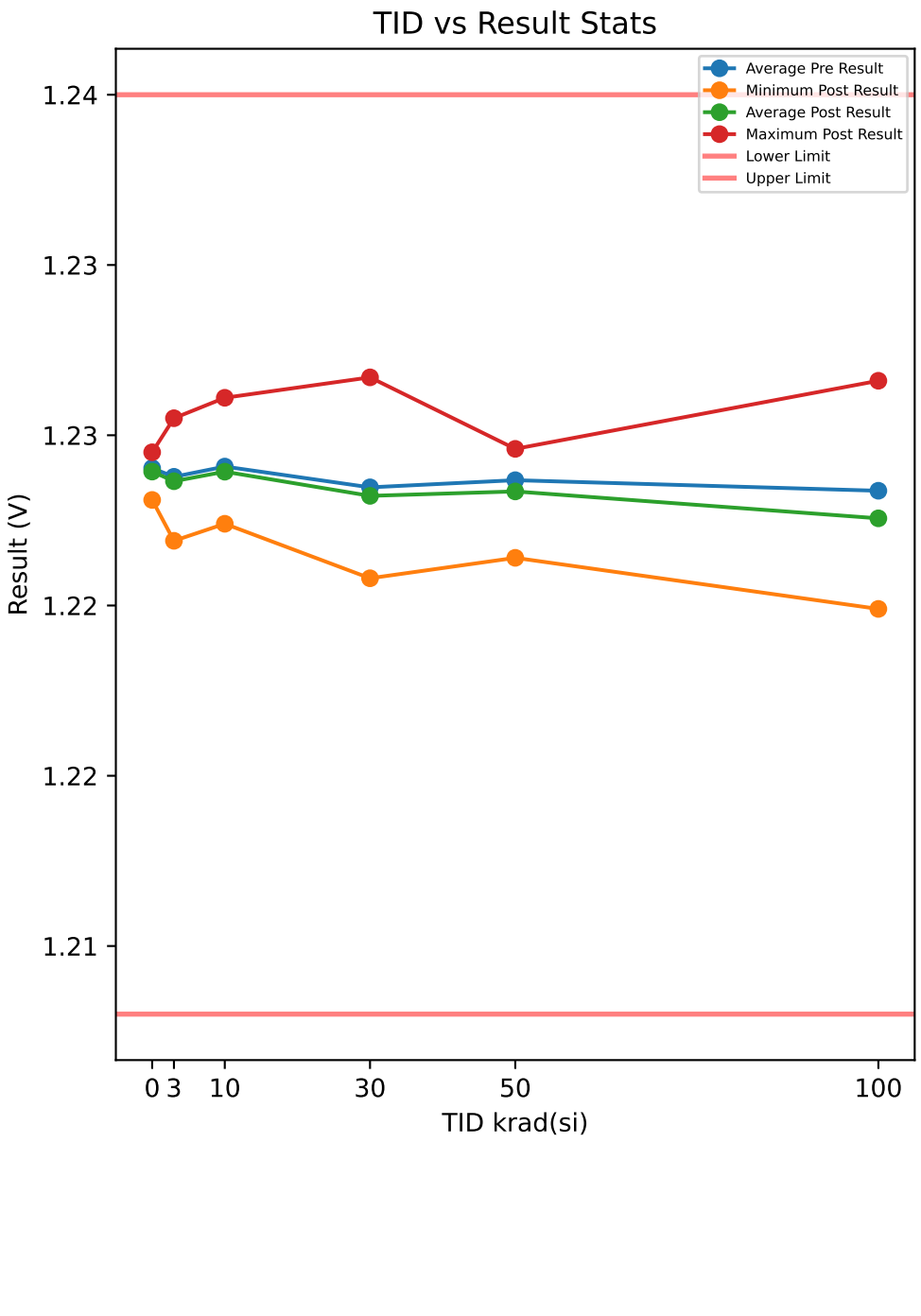
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

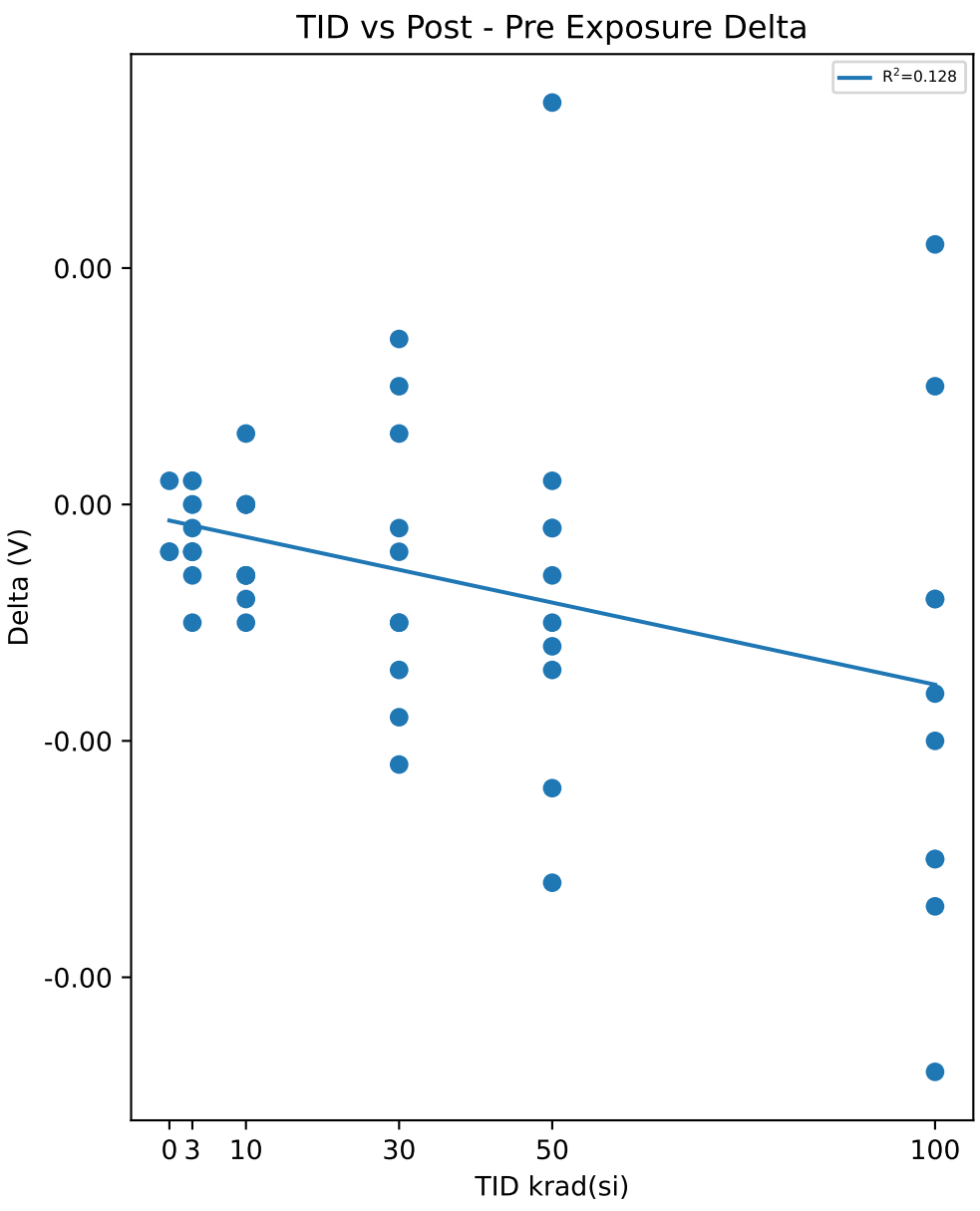
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2245	1.2244	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2236	-0.0002
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2244	-0.0001
14	10	HDR BIAS	1.2227	1.2223	-0.0004
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.225	0.0003
19	10	HDR UNBIAS	1.2229	1.2225	-0.0004
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2217	-0.0002
35	30	HDR BIAS	1.2226	1.2232	0.0006
36	30	HDR UNBIAS	1.2206	1.2212	0.0006
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.2239	1.2242	0.0003
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.223	0
43	50	HDR BIAS	1.224	1.2237	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2227	1.2245	0.0018
47	50	HDR UNBIAS	1.2239	1.2235	-0.0004
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.2231	0
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.222	1.2204	-0.0016
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2205	-0.0016
56	100	HDR UNBIAS	1.2222	1.2227	0.0005
57	100	HDR UNBIAS	1.2208	1.2204	-0.0004
58	100	HDR UNBIAS	1.2213	1.2197	-0.0016
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2253	1.2265	0.0012
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.224	1.224	0

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	1.2232	1.2239	1.2245	0.00065574	1.223	1.2238	1.2244	0.00072111	-0.0002	-0.0001	0	0.0001
3	1.2223	1.2236	1.2254	0.0010607	1.2218	1.2235	1.2253	0.0011676	-0.0005	-0.00016	0.0001	0.00017764
10	1.2223	1.2239	1.2259	0.0011721	1.2223	1.2238	1.226	0.0012761	-0.0006	-0.00016	0.0003	0.00028363
30	1.2206	1.2233	1.2271	0.0020517	1.2207	1.2231	1.2266	0.00196	-0.0012	-0.00026	0.0006	0.00060406
50	1.2214	1.2235	1.2251	0.0010552	1.2213	1.2232	1.2245	0.0010573	-0.0016	-0.0003	0.0018	0.00090308
100	1.2208	1.2232	1.227	0.0019321	1.2197	1.2224	1.2265	0.0024278	-0.0023	-0.00081	0.0012	0.0010661

Device Test: 21.31 VOLTAGE|VREF/VREF/14/14/0/1000/5/100kHz//@V_REFCAP





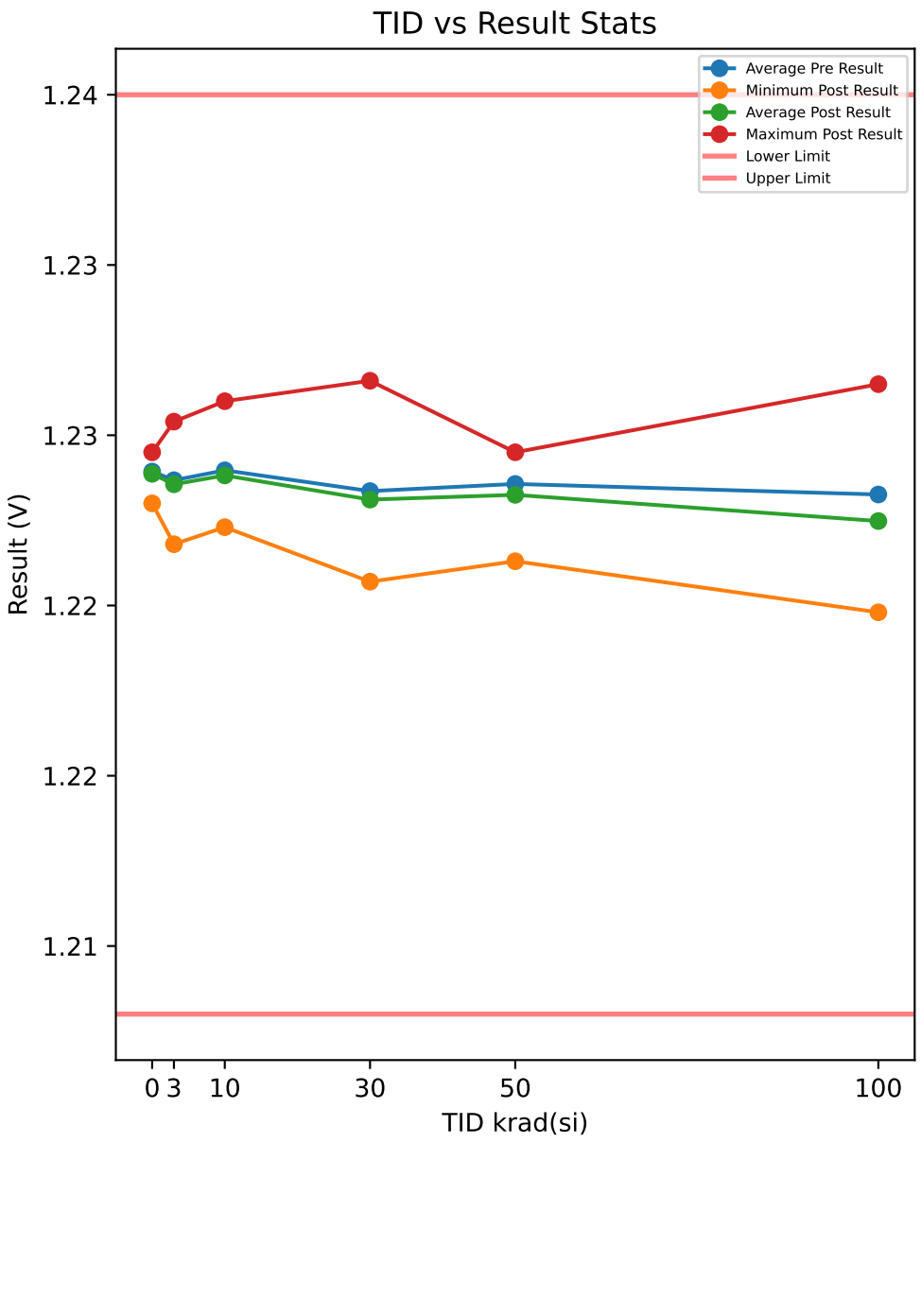
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

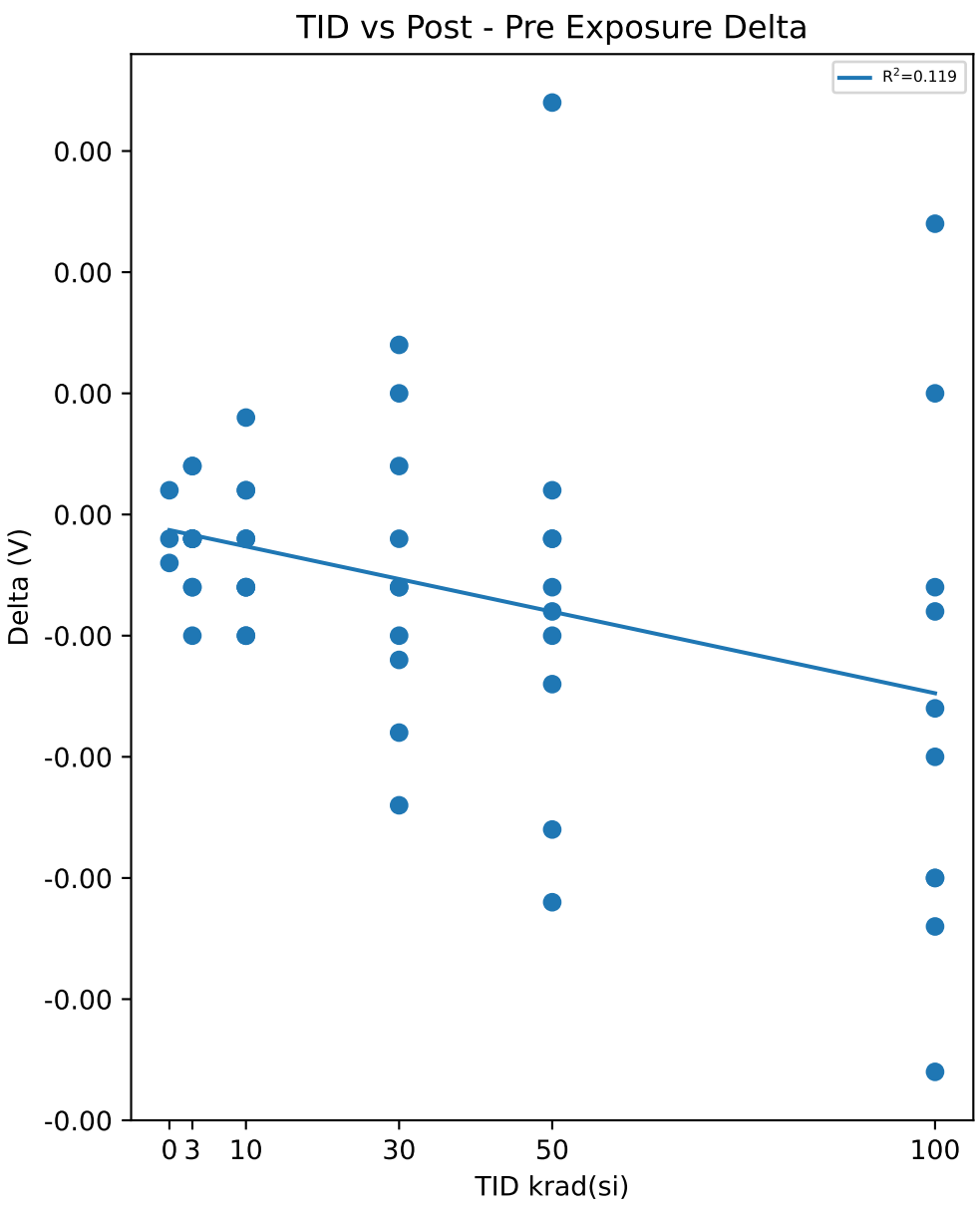
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2231	1.2229	-0.0002
2	3	HDR BIAS	1.2224	1.2219	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2246	0
5	3	HDR BIAS	1.2239	1.2236	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2238	-0.0001
8	3	HDR UNBIAS	1.2255	1.2255	0
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2227	1.2225	-0.0002
11	10	HDR BIAS	1.2261	1.2261	0
12	10	HDR BIAS	1.2238	1.2238	0
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2229	1.2225	-0.0004
15	10	HDR BIAS	1.2233	1.223	-0.0003
16	10	HDR UNBIAS	1.2224	1.2224	0
17	10	HDR UNBIAS	1.2246	1.2241	-0.0005
18	10	HDR UNBIAS	1.2249	1.2252	0.0003
19	10	HDR UNBIAS	1.223	1.2227	-0.0003
20	10	HDR UNBIAS	1.2252	1.2249	-0.0003
31	30	HDR BIAS	1.2258	1.2249	-0.0009
32	30	HDR BIAS	1.2242	1.224	-0.0002
33	30	HDR BIAS	1.2215	1.2208	-0.0007
34	30	HDR BIAS	1.222	1.2219	-0.0001
35	30	HDR BIAS	1.2228	1.2233	0.0005
36	30	HDR UNBIAS	1.2207	1.2214	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.222	1.2209	-0.0011
39	30	HDR UNBIAS	1.224	1.2243	0.0003
40	30	HDR UNBIAS	1.2245	1.224	-0.0005
41	50	HDR BIAS	1.2236	1.222	-0.0016
42	50	HDR BIAS	1.2231	1.2232	0.0001
43	50	HDR BIAS	1.2242	1.2239	-0.0003
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2215	1.2214	-0.0001
46	50	HDR UNBIAS	1.2229	1.2246	0.0017
47	50	HDR UNBIAS	1.2241	1.2236	-0.0005
48	50	HDR UNBIAS	1.2249	1.2243	-0.0006
49	50	HDR UNBIAS	1.2252	1.2245	-0.0007
50	50	HDR UNBIAS	1.2233	1.2232	-0.0001
51	100	HDR BIAS	1.2271	1.2263	-0.0008
52	100	HDR BIAS	1.2222	1.2205	-0.0017
53	100	HDR BIAS	1.2239	1.2215	-0.0024
54	100	HDR BIAS	1.2235	1.2225	-0.001
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2229	0.0005
57	100	HDR UNBIAS	1.221	1.2206	-0.0004
58	100	HDR UNBIAS	1.2214	1.2199	-0.0015
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2255	1.2266	0.0011
71	0	CORRELATION	1.2233	1.2231	-0.0002
72	0	CORRELATION	1.2247	1.2245	-0.0002
73	0	CORRELATION	1.2241	1.2242	0.0001

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	1.2233	1.224	1.2247	0.00070238	1.2231	1.2239	1.2245	0.00073711	-0.0002	-0.0001	0.0001	0.00017321
3	1.2224	1.2238	1.2255	0.0010422	1.2219	1.2236	1.2255	0.0011759	-0.0005	-0.00013	0.0001	0.00018886
10	1.2224	1.2241	1.2261	0.001184	1.2224	1.2239	1.2261	0.0012702	-0.0005	-0.00015	0.0003	0.00024608
30	1.2207	1.2235	1.2272	0.0020424	1.2208	1.2232	1.2267	0.0019326	-0.0011	-0.00025	0.0007	0.00060231
50	1.2215	1.2237	1.2252	0.0010644	1.2214	1.2233	1.2246	0.0010607	-0.0016	-0.00033	0.0017	0.00088324
100	1.221	1.2234	1.2271	0.0019207	1.2199	1.2226	1.2266	0.0024162	-0.0024	-0.00081	0.0011	0.0010546

Device Test: 21.33 VOLTAGE|VREF/VREF/4.5/4.5/0/1000/4.5/500kHz//@V_REFCAP





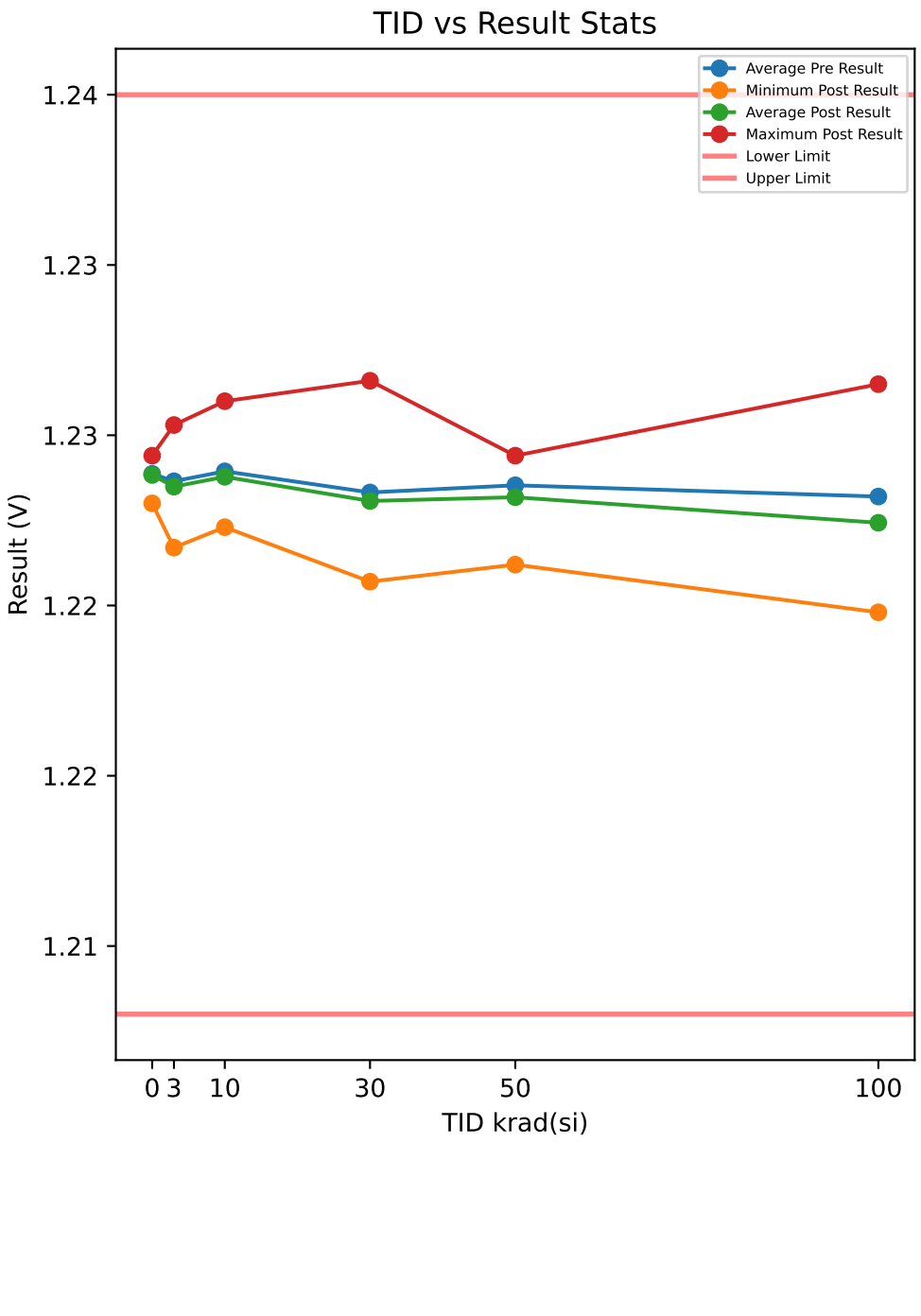
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

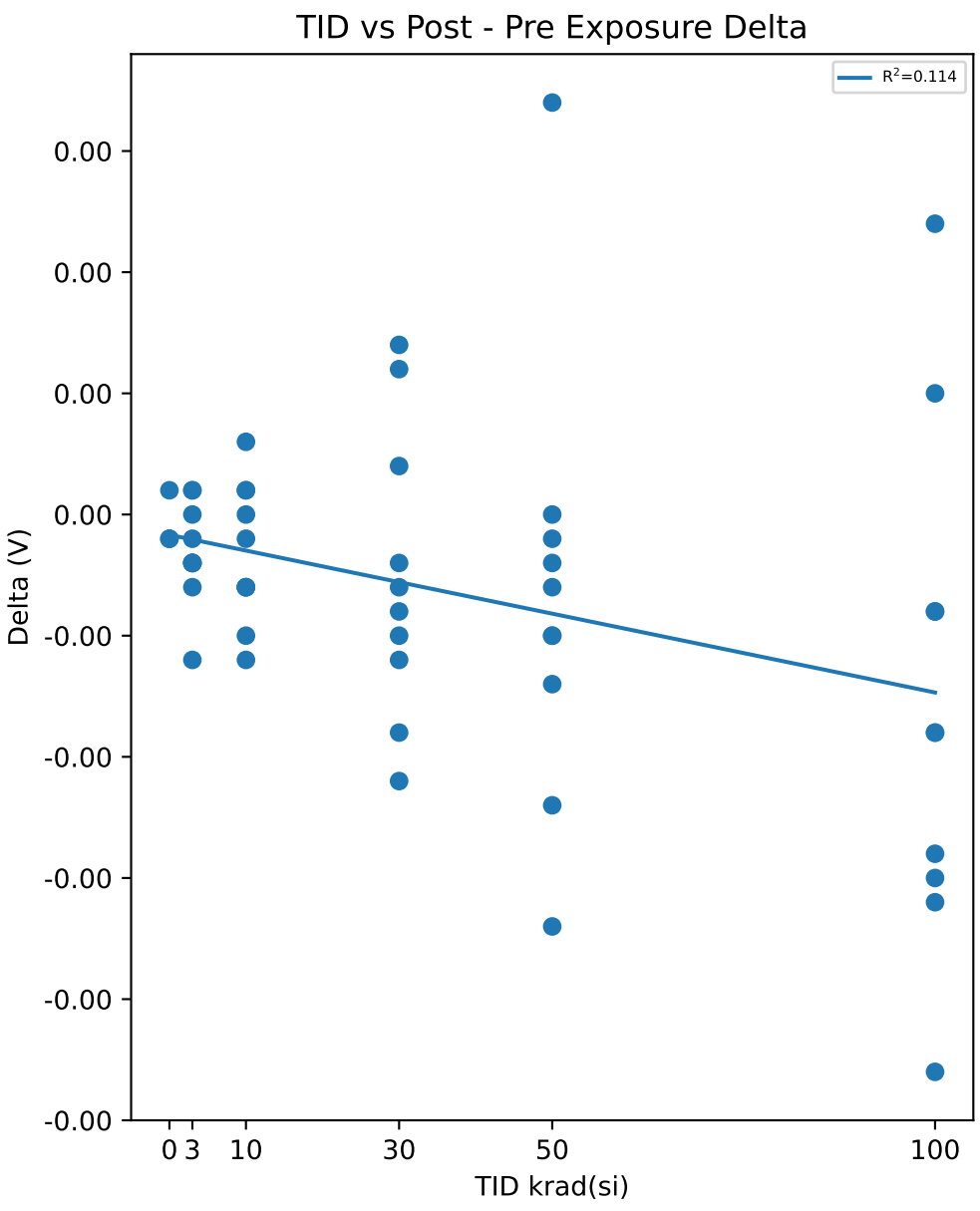
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2251	1.2253	0.0002
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.2231	-0.0001
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2226	1.2223	-0.0003
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2246	1.2245	-0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2224	1.2223	-0.0001
17	10	HDR UNBIAS	1.2245	1.224	-0.0005
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2243	1.224	-0.0003
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2227	-0.0013
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.2239	1.2235	-0.0004
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2262	-0.0008
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2253	1.2265	0.0012
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2232	1.2239	1.2246	0.00070238	1.223	1.2239	1.2245	0.00077675	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2223	1.2237	1.2255	0.0010768	1.2218	1.2236	1.2254	0.0011965	-0.0005	-0.00012	0.0002	0.00021499
10	1.2224	1.224	1.2259	0.0011509	1.2223	1.2238	1.226	0.0012831	-0.0005	-0.00015	0.0004	0.00028771
30	1.2206	1.2234	1.2271	0.0020511	1.2207	1.2231	1.2266	0.0019468	-0.0012	-0.00025	0.0007	0.00059675
50	1.2214	1.2236	1.2251	0.001052	1.2213	1.2232	1.2245	0.0010607	-0.0016	-0.00032	0.0017	0.00089044
100	1.2209	1.2233	1.227	0.0019086	1.2198	1.2225	1.2265	0.0024188	-0.0023	-0.00078	0.0012	0.0010633

Device Test: 21.35 VOLTAGE|VREF/VREF/5/5/0/1000/5/500kHz//@V_REFCAP





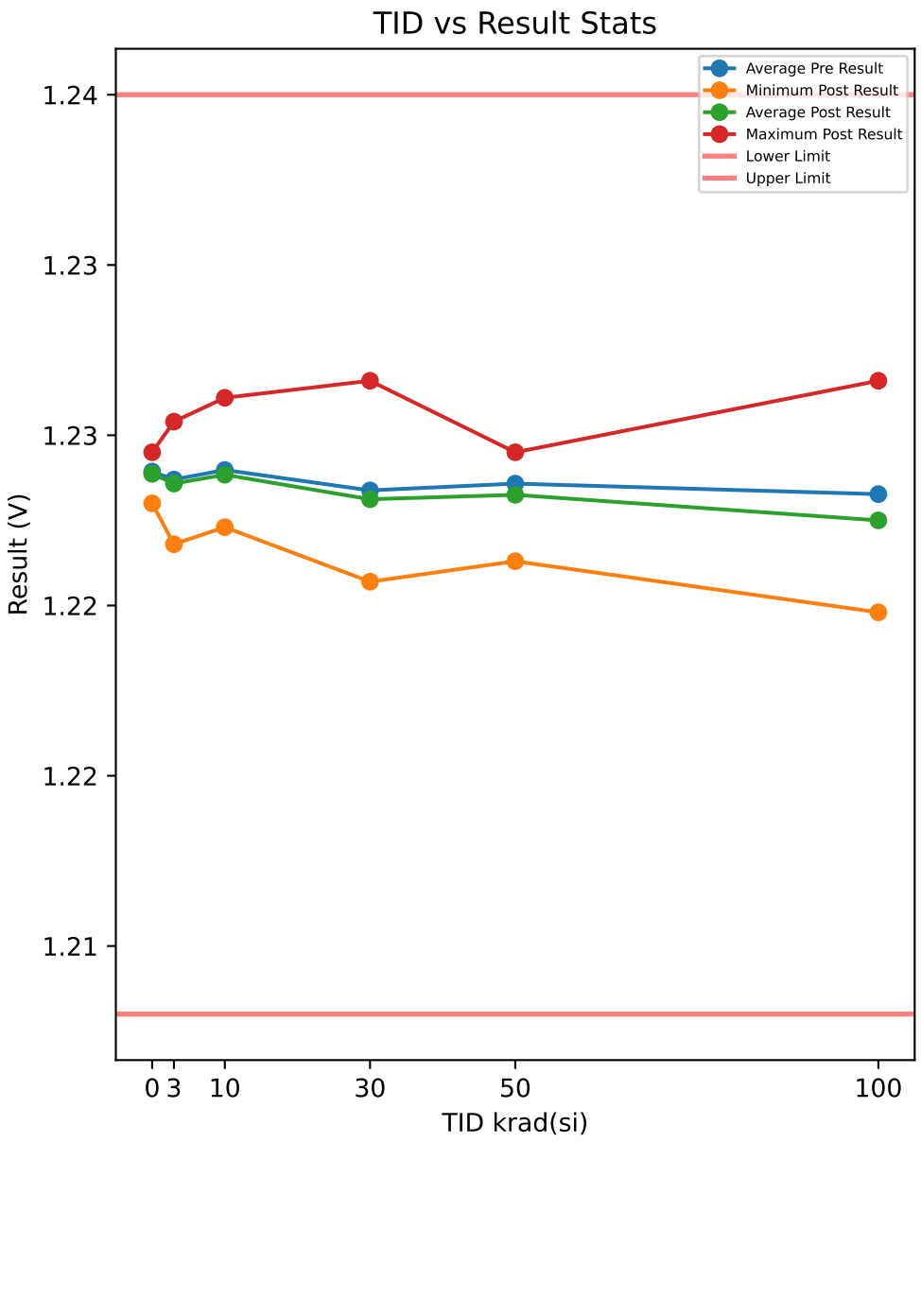
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

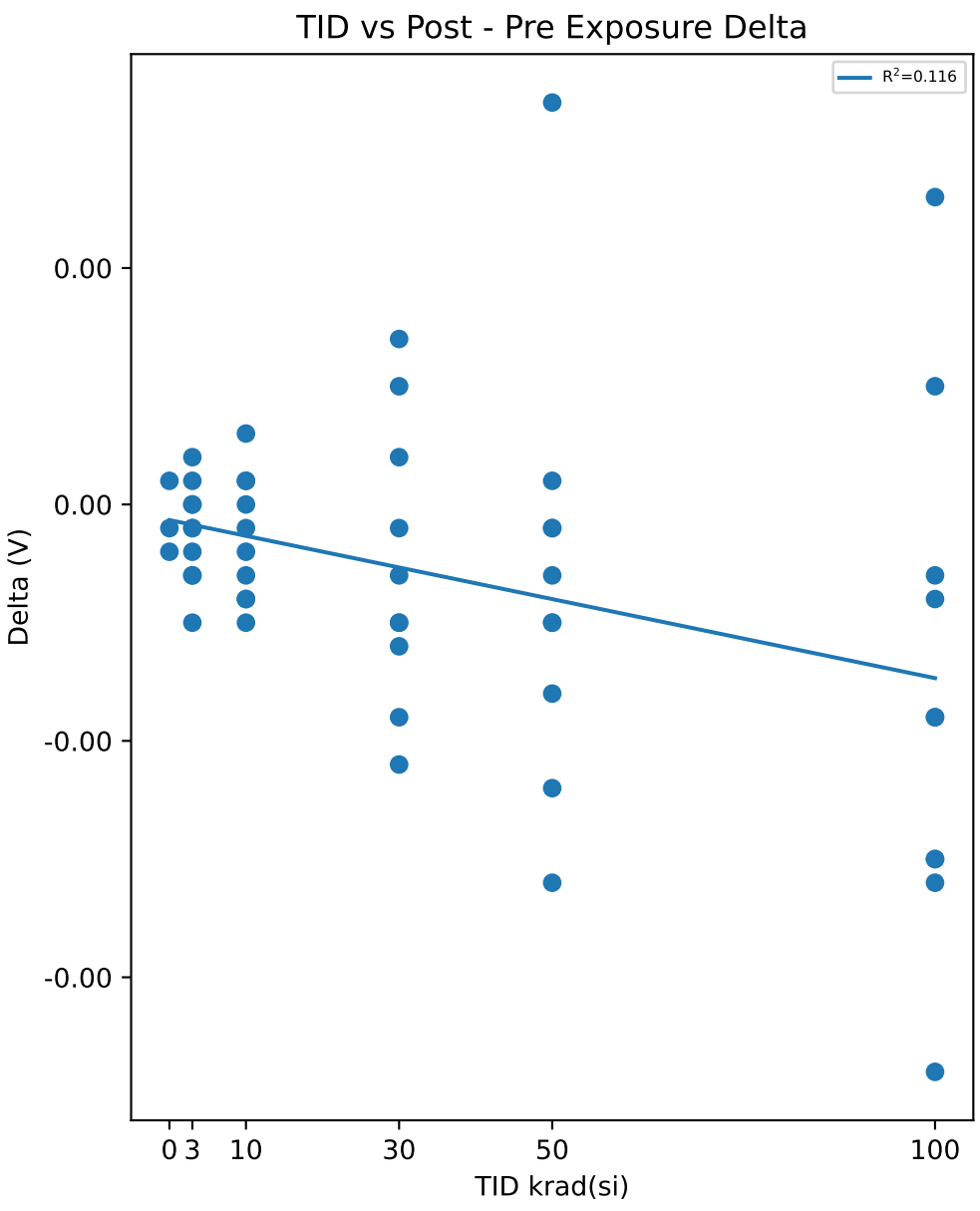
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2223	1.2217	-0.0006
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2245	1.2245	0
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2236	-0.0002
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2244	-0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.225	0.0003
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2217	-0.0002
35	30	HDR BIAS	1.2226	1.2232	0.0006
36	30	HDR UNBIAS	1.2205	1.2212	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2218	1.2207	-0.0011
39	30	HDR UNBIAS	1.2239	1.2241	0.0002
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2218	-0.0017
42	50	HDR BIAS	1.223	1.223	0
43	50	HDR BIAS	1.224	1.2237	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2214	1.2212	-0.0002
46	50	HDR UNBIAS	1.2227	1.2244	0.0017
47	50	HDR UNBIAS	1.2239	1.2234	-0.0005
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.223	-0.0001
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.222	1.2204	-0.0016
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2233	1.2224	-0.0009
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2222	1.2227	0.0005
57	100	HDR UNBIAS	1.2208	1.2204	-0.0004
58	100	HDR UNBIAS	1.2212	1.2198	-0.0014
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2253	1.2265	0.0012
71	0	CORRELATION	1.2231	1.223	-0.0001
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2231	1.2239	1.2245	0.00070946	1.223	1.2238	1.2244	0.00073711	-0.0001	-3.3333e-05	0.0001	0.00011547
3	1.2223	1.2236	1.2254	0.0010607	1.2217	1.2235	1.2253	0.001193	-0.0006	-0.00016	0.0001	0.00020656
10	1.2223	1.2239	1.2259	0.0011711	1.2223	1.2238	1.226	0.0012761	-0.0006	-0.00016	0.0003	0.00028752
30	1.2205	1.2233	1.2271	0.0020746	1.2207	1.2231	1.2266	0.0019539	-0.0011	-0.00025	0.0007	0.00059489
50	1.2214	1.2235	1.2251	0.0010552	1.2212	1.2232	1.2244	0.0010779	-0.0017	-0.00035	0.0017	0.00088976
100	1.2208	1.2232	1.227	0.0019425	1.2198	1.2224	1.2265	0.002407	-0.0023	-0.00077	0.0012	0.0010414

Device Test: 21.37 VOLTAGE|VREF/VREF/12/12/0/1000/5/500kHz//@V_REFCAP





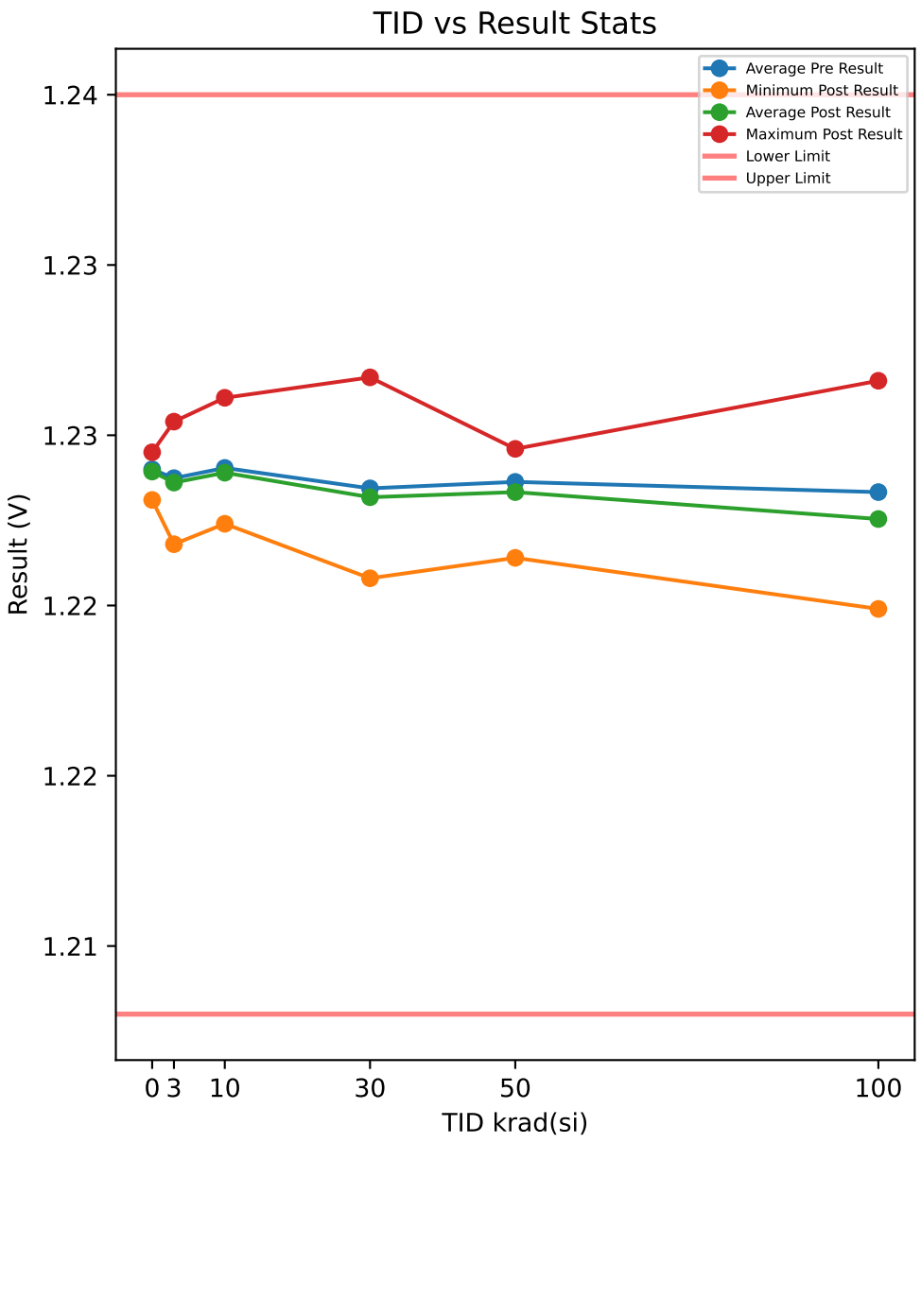
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

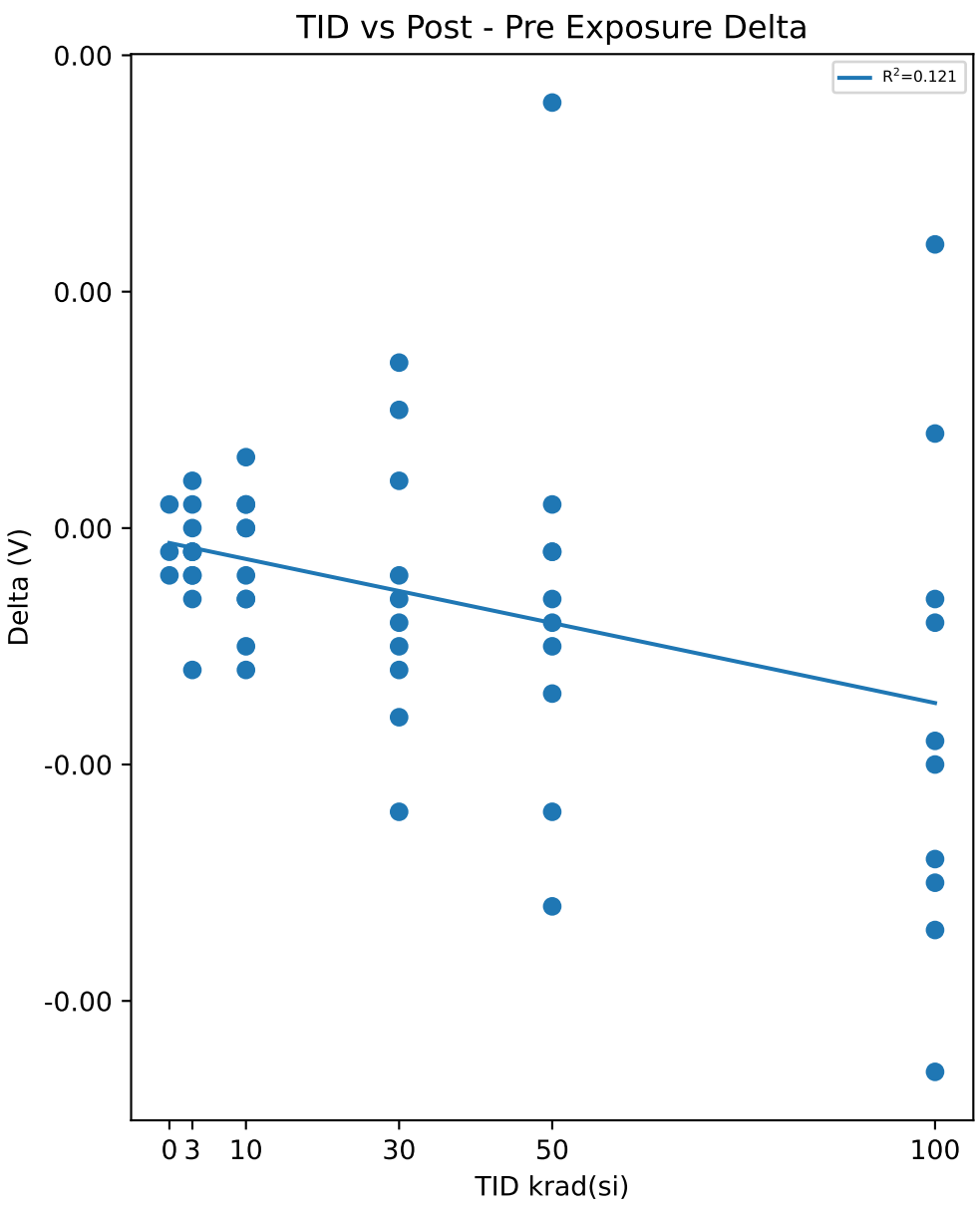
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2218	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2245	1.2245	0
5	3	HDR BIAS	1.2238	1.2235	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2254	1.2254	0
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2227	1.2224	-0.0003
11	10	HDR BIAS	1.226	1.2261	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2245	0
14	10	HDR BIAS	1.2228	1.2224	-0.0004
15	10	HDR BIAS	1.2233	1.2229	-0.0004
16	10	HDR UNBIAS	1.2224	1.2223	-0.0001
17	10	HDR UNBIAS	1.2245	1.224	-0.0005
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2228	1.2226	-0.0002
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2208	-0.0011
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.2239	-0.0005
41	50	HDR BIAS	1.2235	1.2219	-0.0016
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2252	1.2244	-0.0008
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.2271	1.2262	-0.0009
52	100	HDR BIAS	1.2221	1.2205	-0.0016
53	100	HDR BIAS	1.2238	1.2214	-0.0024
54	100	HDR BIAS	1.2234	1.2225	-0.0009
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2253	1.2266	0.0013
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2232	1.2239	1.2246	0.00070238	1.223	1.2239	1.2245	0.00077675	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2223	1.2237	1.2254	0.0010499	1.2218	1.2236	1.2254	0.001184	-0.0005	-0.00012	0.0002	0.00020976
10	1.2224	1.224	1.226	0.0011755	1.2223	1.2238	1.2261	0.0012894	-0.0005	-0.00014	0.0003	0.00026331
30	1.2206	1.2234	1.2271	0.0020606	1.2207	1.2231	1.2266	0.0019326	-0.0011	-0.00026	0.0007	0.00058538
50	1.2214	1.2236	1.2252	0.0010685	1.2213	1.2232	1.2245	0.0010607	-0.0016	-0.00033	0.0017	0.00088575
100	1.2209	1.2233	1.2271	0.0019305	1.2198	1.2225	1.2266	0.0024326	-0.0024	-0.00077	0.0013	0.0010904

Device Test: 21.39 VOLTAGE|VREF/VREF/14/14/0/1000/5/500kHz//@V_REFCAP





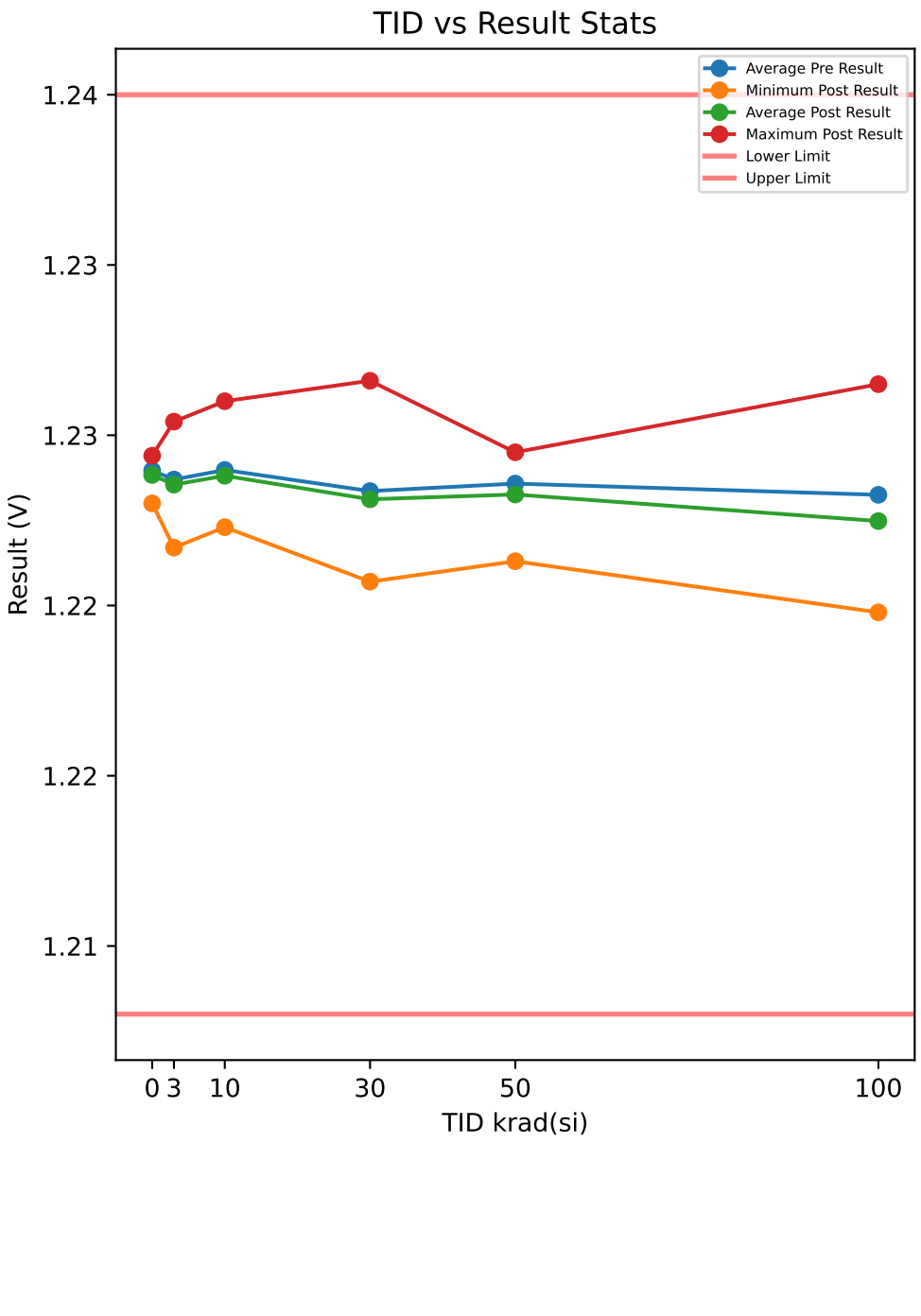
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

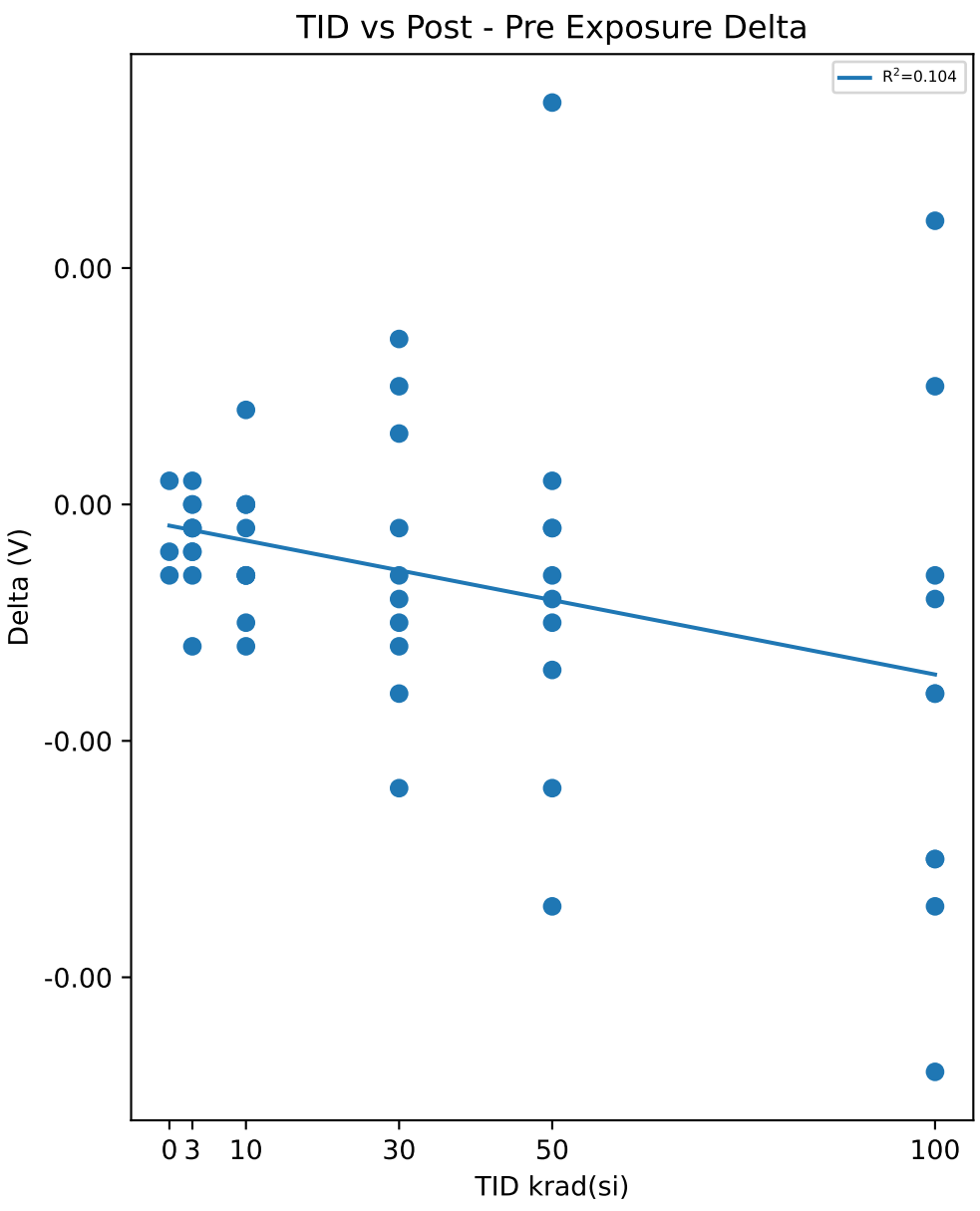
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2229	-0.0001
2	3	HDR BIAS	1.2224	1.2218	-0.0006
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2246	0
5	3	HDR BIAS	1.2238	1.2235	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2238	-0.0001
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2231	1.2233	0.0002
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.2261	0.0001
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2229	1.2224	-0.0005
15	10	HDR BIAS	1.2233	1.223	-0.0003
16	10	HDR UNBIAS	1.2224	1.2224	0
17	10	HDR UNBIAS	1.2246	1.224	-0.0006
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2229	1.2227	-0.0002
20	10	HDR UNBIAS	1.2252	1.2249	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2208	-0.0006
34	30	HDR BIAS	1.222	1.2218	-0.0002
35	30	HDR BIAS	1.2228	1.2233	0.0005
36	30	HDR UNBIAS	1.2207	1.2214	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.222	1.2208	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.222	-0.0016
42	50	HDR BIAS	1.2231	1.2232	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2215	1.2214	-0.0001
46	50	HDR UNBIAS	1.2228	1.2246	0.0018
47	50	HDR UNBIAS	1.224	1.2236	-0.0004
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2245	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.2271	1.2262	-0.0009
52	100	HDR BIAS	1.2222	1.2205	-0.0017
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2235	1.2225	-0.001
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2228	0.0004
57	100	HDR UNBIAS	1.2209	1.2206	-0.0003
58	100	HDR UNBIAS	1.2213	1.2199	-0.0014
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2254	1.2266	0.0012
71	0	CORRELATION	1.2233	1.2231	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.2241	1.2242	0.0001

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	1.2233	1.224	1.2246	0.00065574	1.2231	1.2239	1.2245	0.00073711	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2224	1.2237	1.2255	0.0010669	1.2218	1.2236	1.2254	0.0011874	-0.0006	-0.00013	0.0002	0.00022136
10	1.2224	1.224	1.226	0.0011711	1.2224	1.2239	1.2261	0.001271	-0.0006	-0.00014	0.0003	0.00028752
30	1.2207	1.2234	1.2272	0.0020354	1.2208	1.2232	1.2267	0.0019435	-0.0012	-0.00026	0.0007	0.00058538
50	1.2215	1.2236	1.2252	0.0010552	1.2214	1.2233	1.2246	0.0010573	-0.0016	-0.0003	0.0018	0.00090431
100	1.2209	1.2233	1.2271	0.0019311	1.2199	1.2225	1.2266	0.0023978	-0.0023	-0.00079	0.0012	0.001044

Device Test: 21.41 VOLTAGE|VREF/VREF/4.5/4.5/0/1000/4.5/1MHz//@V_REFCAP





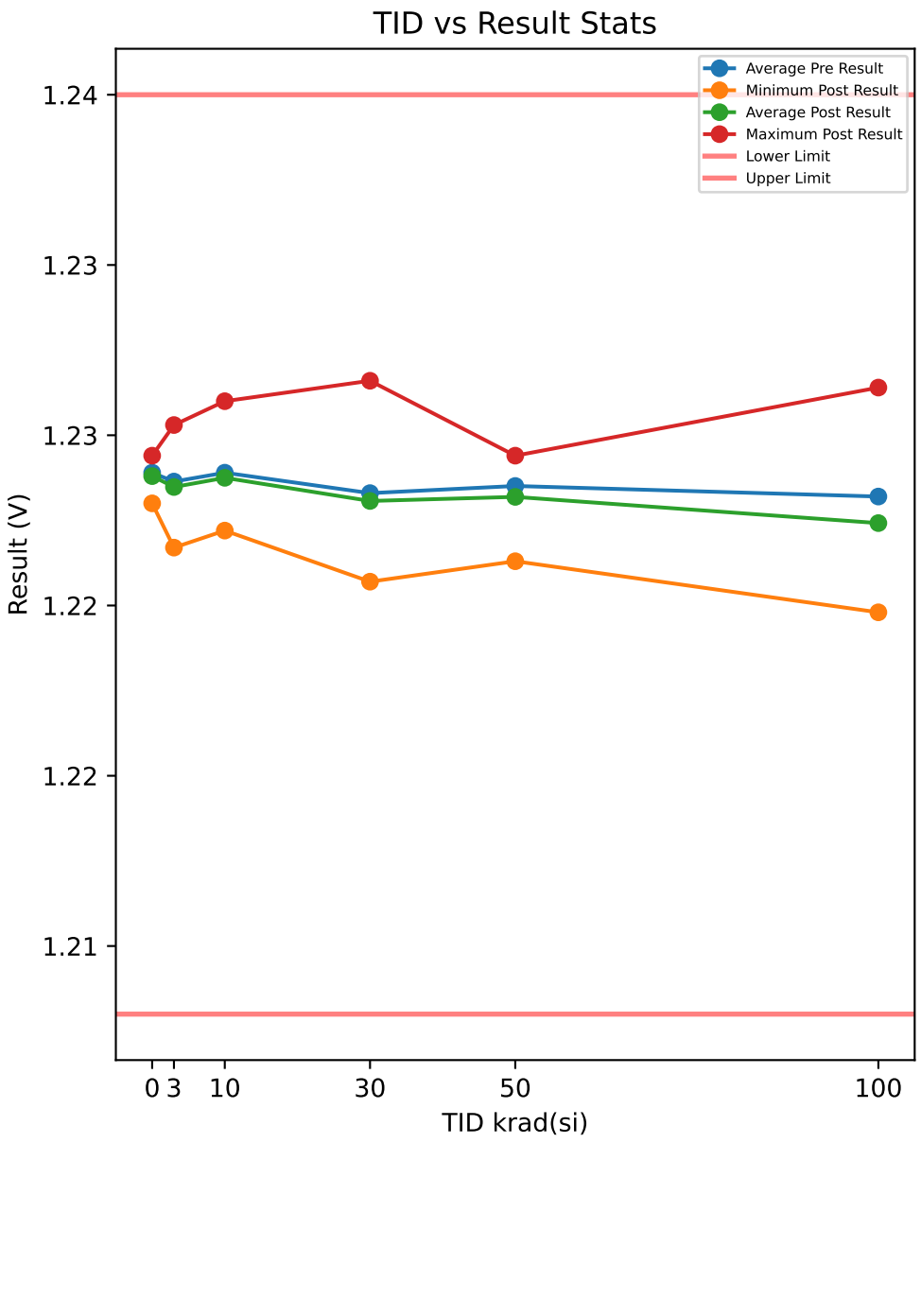
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

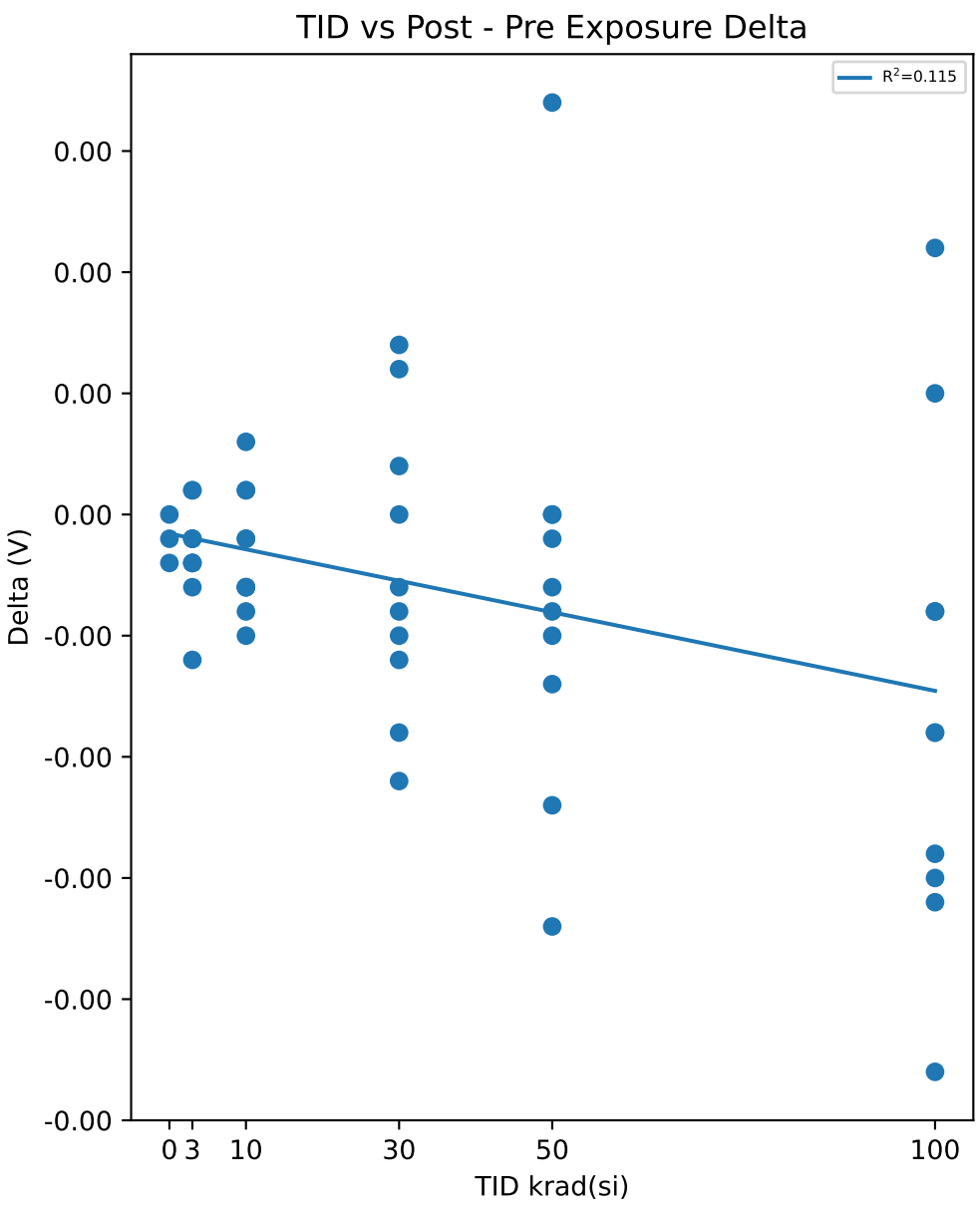
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2217	-0.0006
3	3	HDR BIAS	1.2252	1.2252	0
4	3	HDR BIAS	1.2245	1.2245	0
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2238	1.2237	-0.0001
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2237	1.2237	0
13	10	HDR BIAS	1.2246	1.2245	-0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.2239	-0.0006
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.2239	1.2242	0.0003
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.2219	-0.0017
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2247	1.2243	-0.0004
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2262	-0.0008
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2238	1.2214	-0.0024
54	100	HDR BIAS	1.2233	1.2225	-0.0008
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2253	1.2265	0.0012
71	0	CORRELATION	1.2233	1.223	-0.0003
72	0	CORRELATION	1.2246	1.2244	-0.0002
73	0	CORRELATION	1.224	1.2241	0.0001

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	1.2233	1.224	1.2246	0.00065064	1.223	1.2238	1.2244	0.00073711	-0.0003	-0.00013333	0.0001	0.00020817
3	1.2223	1.2237	1.2255	0.0010729	1.2217	1.2235	1.2254	0.0011863	-0.0006	-0.00015	0.0001	0.00019579
10	1.2223	1.224	1.226	0.0011821	1.2223	1.2238	1.226	0.0012819	-0.0006	-0.00017	0.0004	0.00029078
30	1.2206	1.2234	1.2271	0.0020533	1.2207	1.2231	1.2266	0.0019566	-0.0012	-0.00024	0.0007	0.00059666
50	1.2214	1.2236	1.2251	0.0010518	1.2213	1.2233	1.2245	0.001071	-0.0017	-0.00032	0.0017	0.00089542
100	1.2209	1.2232	1.227	0.001908	1.2198	1.2225	1.2265	0.0024234	-0.0024	-0.00077	0.0012	0.0010771

Device Test: 21.43 VOLTAGE|VREF/VREF/5/5/0/1000/5/1MHz//@V_REFCAP





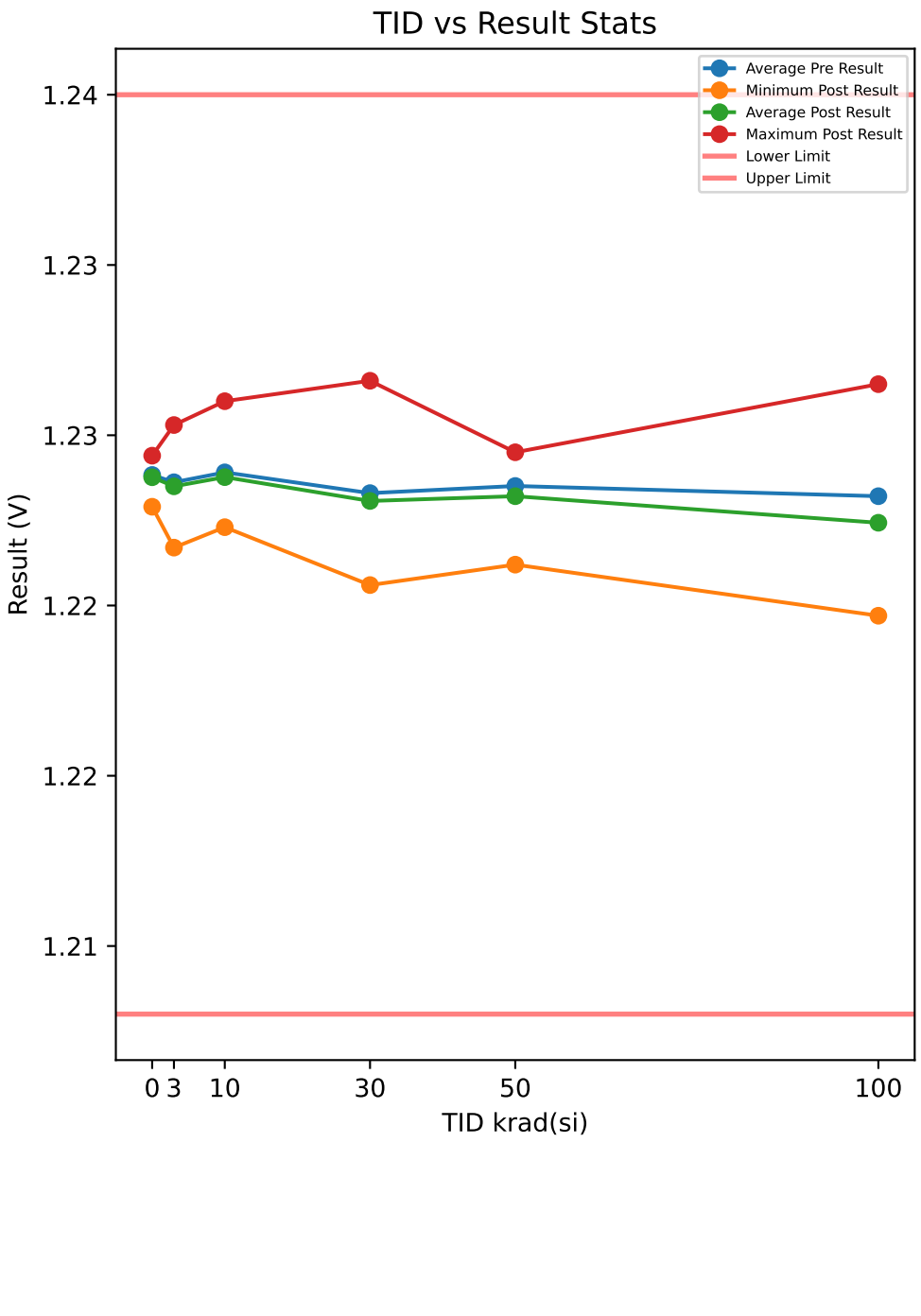
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

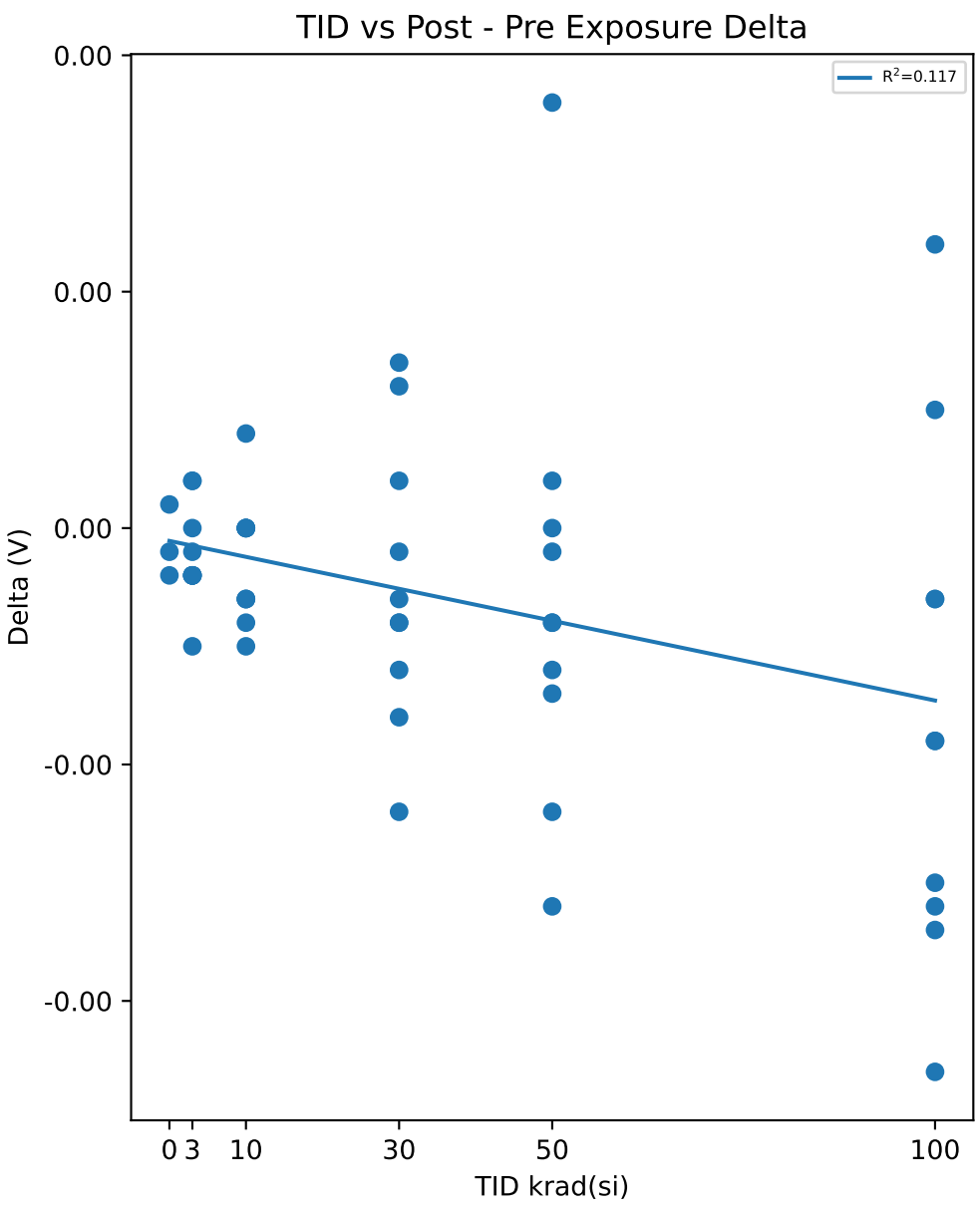
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2223	1.2217	-0.0006
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2245	1.2244	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2237	1.2236	-0.0001
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2225	1.2223	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2236	1.2237	0.0001
13	10	HDR BIAS	1.2245	1.2244	-0.0001
14	10	HDR BIAS	1.2227	1.2223	-0.0004
15	10	HDR BIAS	1.2231	1.2228	-0.0003
16	10	HDR UNBIAS	1.2223	1.2222	-0.0001
17	10	HDR UNBIAS	1.2244	1.2239	-0.0005
18	10	HDR UNBIAS	1.2247	1.225	0.0003
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.225	1.2247	-0.0003
31	30	HDR BIAS	1.2256	1.2247	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2218	1.2218	0
35	30	HDR BIAS	1.2226	1.2232	0.0006
36	30	HDR UNBIAS	1.2205	1.2212	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2218	1.2207	-0.0011
39	30	HDR UNBIAS	1.2239	1.2241	0.0002
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2218	-0.0017
42	50	HDR BIAS	1.223	1.223	0
43	50	HDR BIAS	1.224	1.2237	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2213	1.2213	0
46	50	HDR UNBIAS	1.2227	1.2244	0.0017
47	50	HDR UNBIAS	1.2238	1.2234	-0.0004
48	50	HDR UNBIAS	1.2247	1.2242	-0.0005
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.223	-0.0001
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.222	1.2204	-0.0016
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2233	1.2224	-0.0009
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2222	1.2227	0.0005
57	100	HDR UNBIAS	1.2208	1.2204	-0.0004
58	100	HDR UNBIAS	1.2212	1.2198	-0.0014
59	100	HDR UNBIAS	1.2244	1.224	-0.0004
60	100	HDR UNBIAS	1.2253	1.2264	0.0011
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.224	1.224	0

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	1.2232	1.2239	1.2245	0.00065574	1.223	1.2238	1.2244	0.00072111	-0.0002	-0.0001	0	0.0001
3	1.2223	1.2236	1.2254	0.0010596	1.2217	1.2235	1.2253	0.001184	-0.0006	-0.00016	0.0001	0.00020111
10	1.2223	1.2239	1.2259	0.0011738	1.2222	1.2238	1.226	0.0012886	-0.0005	-0.00015	0.0003	0.00025495
30	1.2205	1.2233	1.2271	0.0020699	1.2207	1.2231	1.2266	0.0019368	-0.0011	-0.00023	0.0007	0.00060009
50	1.2213	1.2235	1.2251	0.0010744	1.2213	1.2232	1.2244	0.0010577	-0.0017	-0.00032	0.0017	0.00089418
100	1.2208	1.2232	1.227	0.0019425	1.2198	1.2224	1.2264	0.0023883	-0.0023	-0.00078	0.0011	0.0010207

Device Test: 21.45 VOLTAGE|VREF/VREF/12/12/0/1000/5/1MHz//@V_REFCAP





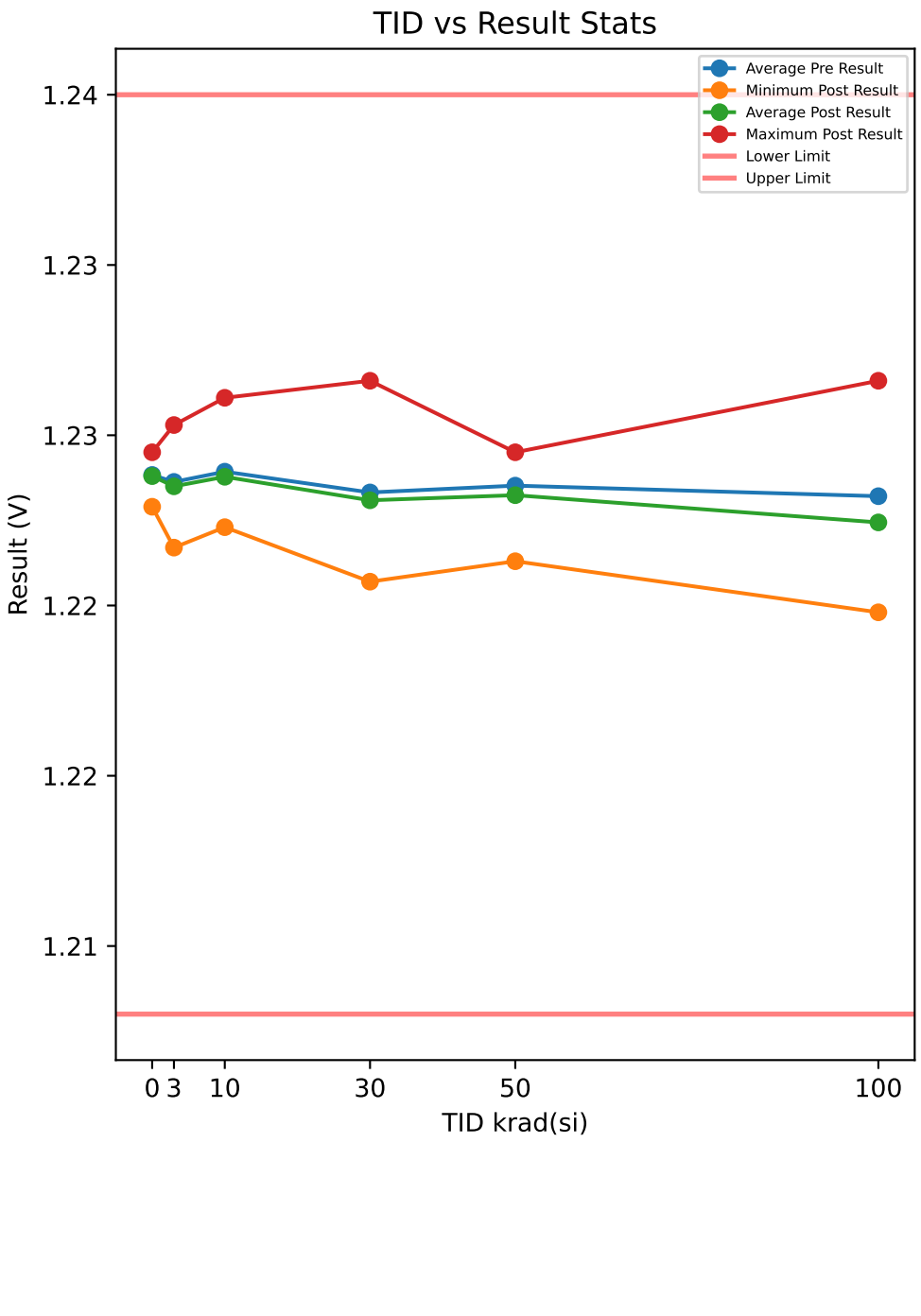
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

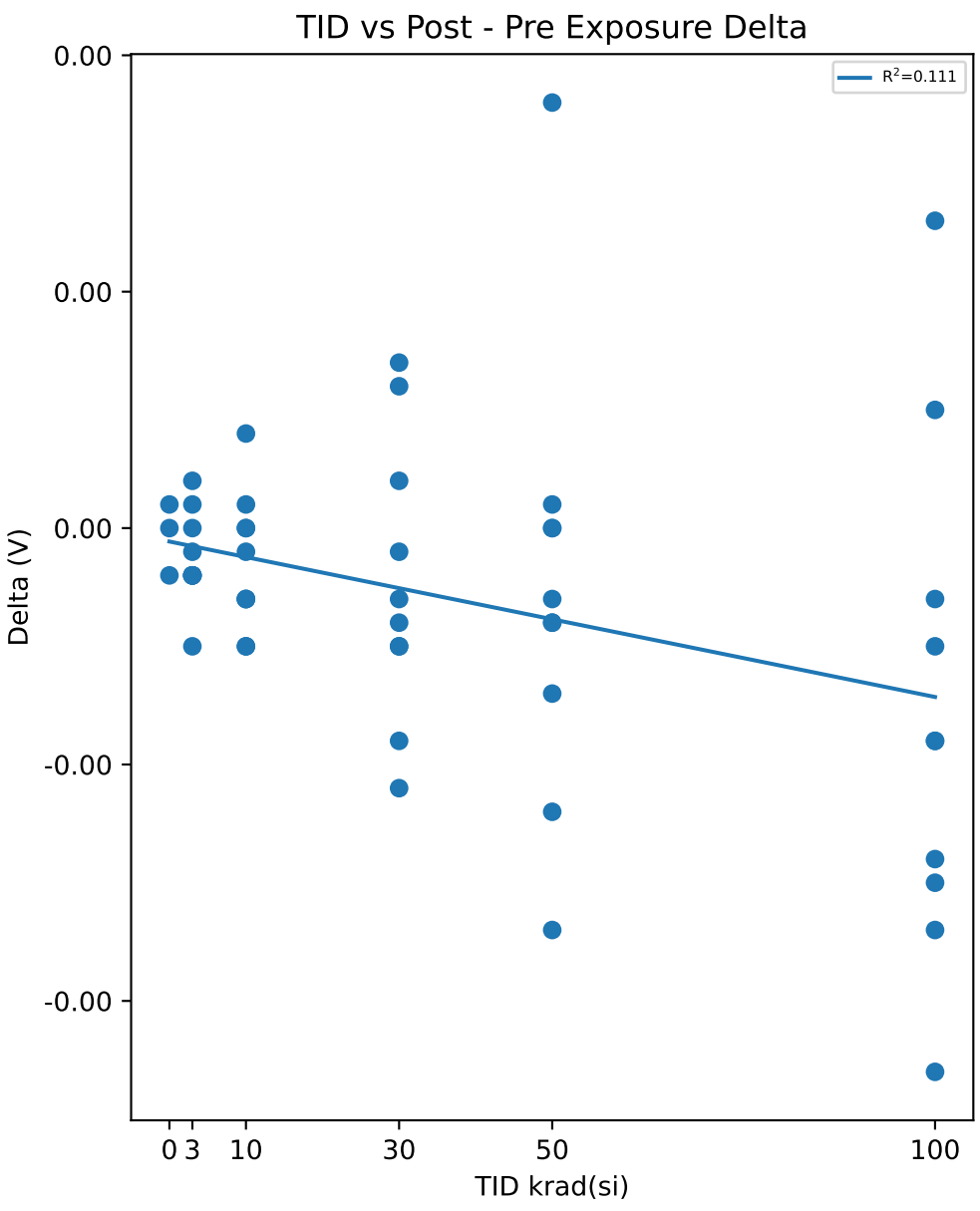
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2222	1.2217	-0.0005
3	3	HDR BIAS	1.225	1.2252	0.0002
4	3	HDR BIAS	1.2244	1.2244	0
5	3	HDR BIAS	1.2237	1.2235	-0.0002
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2236	-0.0002
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.223	1.2232	0.0002
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.226	0
12	10	HDR BIAS	1.2236	1.2236	0
13	10	HDR BIAS	1.2244	1.2244	0
14	10	HDR BIAS	1.2227	1.2223	-0.0004
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2244	1.2239	-0.0005
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.225	1.2247	-0.0003
31	30	HDR BIAS	1.2256	1.2248	-0.0008
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2212	1.2206	-0.0006
34	30	HDR BIAS	1.2218	1.2217	-0.0001
35	30	HDR BIAS	1.2226	1.2232	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.227	1.2266	-0.0004
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.2239	1.2241	0.0002
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2234	1.2218	-0.0016
42	50	HDR BIAS	1.2229	1.2231	0.0002
43	50	HDR BIAS	1.2241	1.2237	-0.0004
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2213	1.2212	-0.0001
46	50	HDR UNBIAS	1.2227	1.2245	0.0018
47	50	HDR UNBIAS	1.2239	1.2235	-0.0004
48	50	HDR UNBIAS	1.2247	1.2241	-0.0006
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.2231	0
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2233	1.2224	-0.0009
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2222	1.2227	0.0005
57	100	HDR UNBIAS	1.2208	1.2205	-0.0003
58	100	HDR UNBIAS	1.2213	1.2197	-0.0016
59	100	HDR UNBIAS	1.2243	1.224	-0.0003
60	100	HDR UNBIAS	1.2253	1.2265	0.0012
71	0	CORRELATION	1.2231	1.2229	-0.0002
72	0	CORRELATION	1.2245	1.2244	-0.0001
73	0	CORRELATION	1.2239	1.224	0.0001

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	1.2231	1.2238	1.2245	0.00070238	1.2229	1.2238	1.2244	0.00077675	-0.0002	-6.6667e-05	0.0001	0.00015275
3	1.2222	1.2236	1.2254	0.0010465	1.2217	1.2235	1.2253	0.0011728	-0.0005	-0.00012	0.0002	0.00020976
10	1.2223	1.2239	1.226	0.0011808	1.2223	1.2238	1.226	0.0012798	-0.0005	-0.00014	0.0004	0.0002675
30	1.2206	1.2233	1.227	0.002038	1.2206	1.2231	1.2266	0.0019574	-0.0012	-0.00023	0.0007	0.00059824
50	1.2213	1.2235	1.2251	0.0010898	1.2212	1.2232	1.2245	0.0010806	-0.0016	-0.0003	0.0018	0.00091652
100	1.2208	1.2232	1.227	0.001918	1.2197	1.2224	1.2265	0.0024102	-0.0023	-0.00078	0.0012	0.0010748

Device Test: 21.47 VOLTAGE|VREF/VREF/14/14/0/1000/5/1MHz//@V_REFCAP





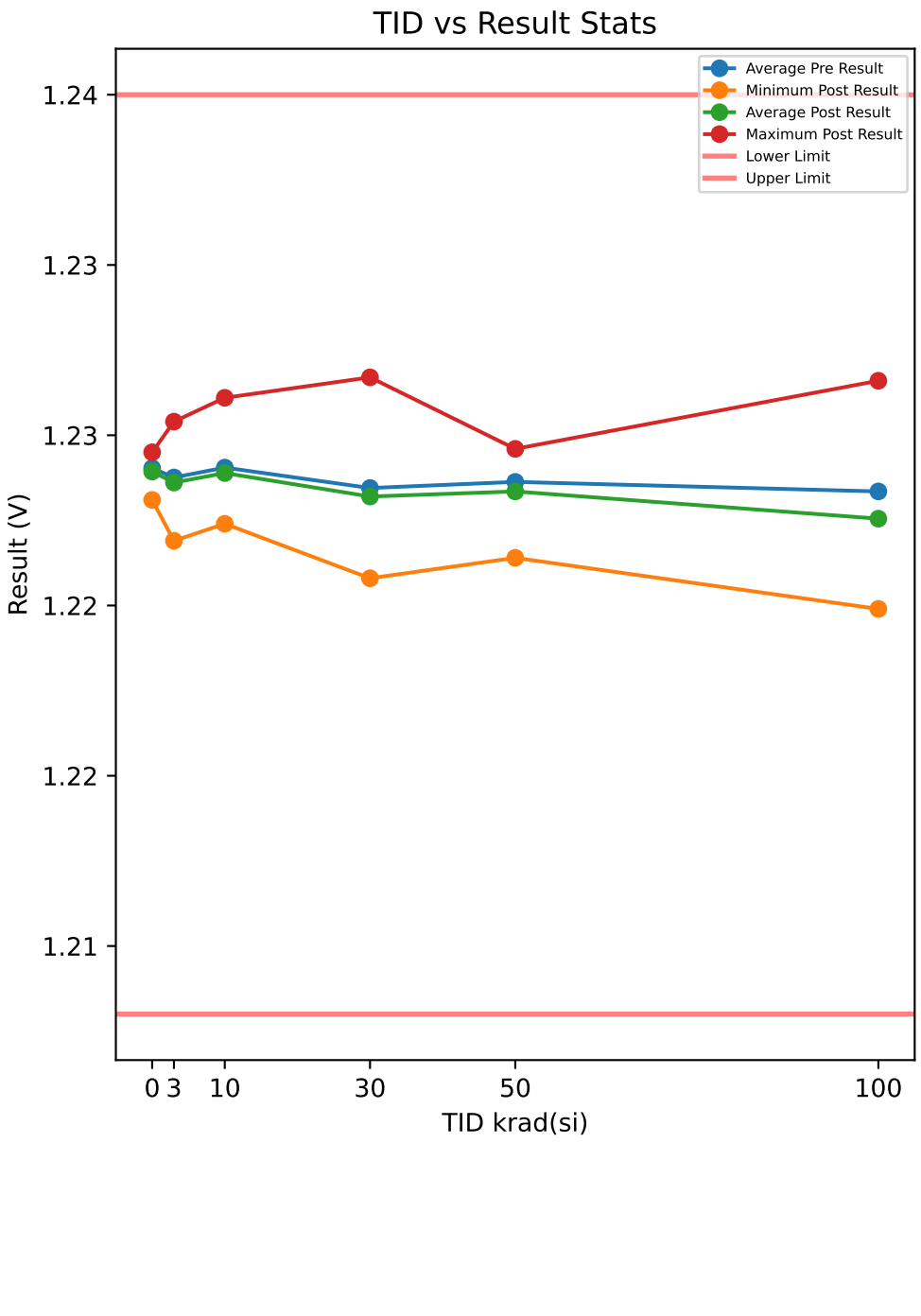
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

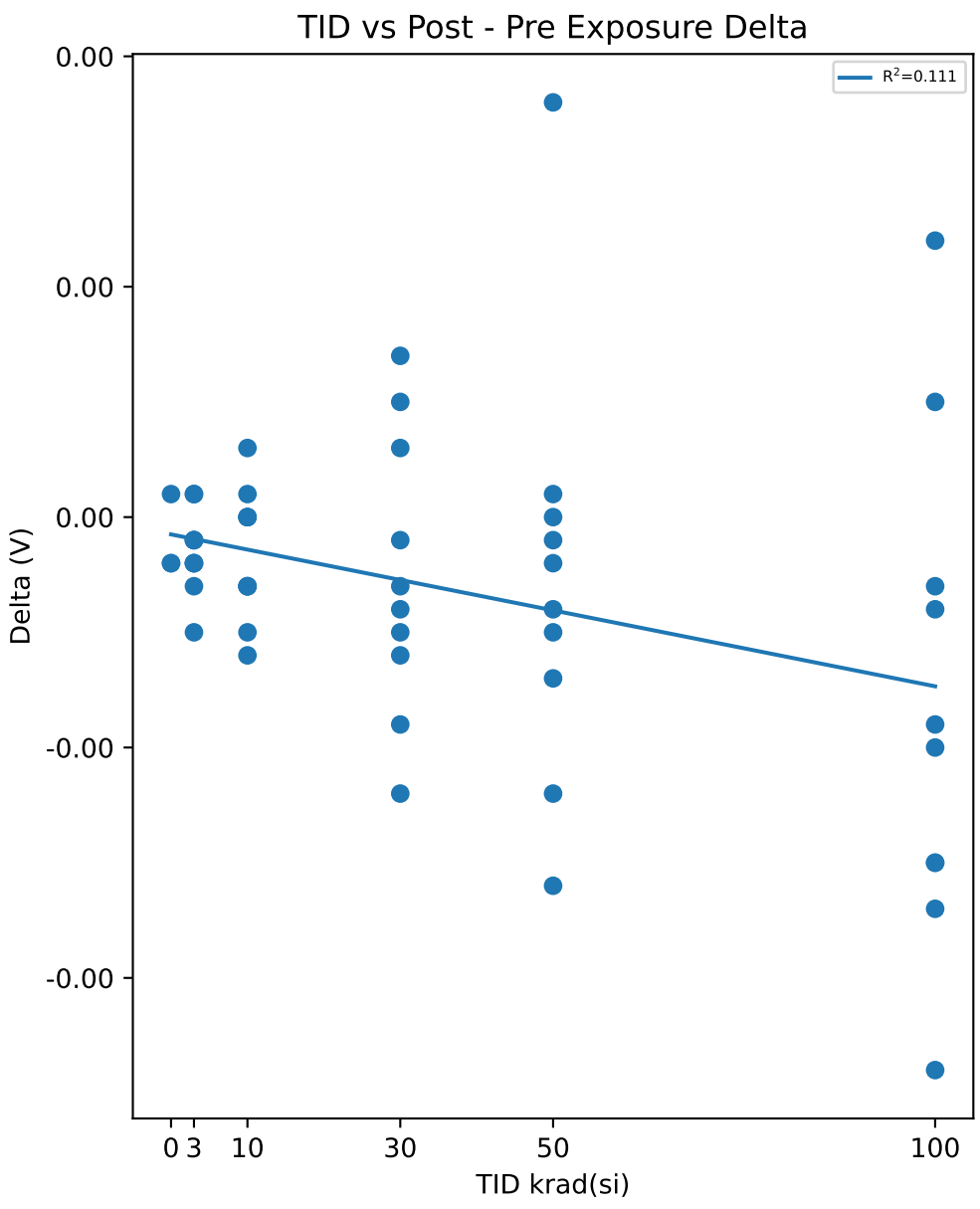
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2227	-0.0002
2	3	HDR BIAS	1.2222	1.2217	-0.0005
3	3	HDR BIAS	1.2251	1.2252	0.0001
4	3	HDR BIAS	1.2244	1.2244	0
5	3	HDR BIAS	1.2237	1.2235	-0.0002
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2238	1.2236	-0.0002
8	3	HDR UNBIAS	1.2254	1.2253	-0.0001
9	3	HDR UNBIAS	1.223	1.2232	0.0002
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.226	1.2261	0.0001
12	10	HDR BIAS	1.2236	1.2236	0
13	10	HDR BIAS	1.2245	1.2244	-0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2244	1.2239	-0.0005
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2228	1.2225	-0.0003
20	10	HDR UNBIAS	1.225	1.2247	-0.0003
31	30	HDR BIAS	1.2257	1.2248	-0.0009
32	30	HDR BIAS	1.2241	1.2238	-0.0003
33	30	HDR BIAS	1.2212	1.2207	-0.0005
34	30	HDR BIAS	1.2218	1.2217	-0.0001
35	30	HDR BIAS	1.2226	1.2232	0.0006
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2208	-0.0011
39	30	HDR UNBIAS	1.2239	1.2241	0.0002
40	30	HDR UNBIAS	1.2243	1.2239	-0.0004
41	50	HDR BIAS	1.2235	1.2218	-0.0017
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.2239	1.2227	-0.0012
45	50	HDR BIAS	1.2213	1.2213	0
46	50	HDR UNBIAS	1.2227	1.2245	0.0018
47	50	HDR UNBIAS	1.2239	1.2235	-0.0004
48	50	HDR UNBIAS	1.2246	1.2242	-0.0004
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2231	1.2231	0
51	100	HDR BIAS	1.227	1.2261	-0.0009
52	100	HDR BIAS	1.2221	1.2204	-0.0017
53	100	HDR BIAS	1.2237	1.2214	-0.0023
54	100	HDR BIAS	1.2233	1.2224	-0.0009
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2222	1.2227	0.0005
57	100	HDR UNBIAS	1.2209	1.2204	-0.0005
58	100	HDR UNBIAS	1.2212	1.2198	-0.0014
59	100	HDR UNBIAS	1.2243	1.224	-0.0003
60	100	HDR UNBIAS	1.2253	1.2266	0.0013
71	0	CORRELATION	1.2231	1.2229	-0.0002
72	0	CORRELATION	1.2245	1.2245	0
73	0	CORRELATION	1.2239	1.224	0.0001

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	1.2231	1.2238	1.2245	0.00070238	1.2229	1.2238	1.2245	0.00081854	-0.0002	-3.3333e-05	0.0001	0.00015275
3	1.2222	1.2236	1.2254	0.0010615	1.2217	1.2235	1.2253	0.0011728	-0.0005	-0.00013	0.0002	0.00019465
10	1.2223	1.2239	1.226	0.0011748	1.2223	1.2238	1.2261	0.0012994	-0.0005	-0.00015	0.0004	0.00028382
30	1.2206	1.2233	1.2271	0.0020709	1.2207	1.2231	1.2266	0.0019301	-0.0011	-0.00023	0.0007	0.00059076
50	1.2213	1.2235	1.2251	0.0010717	1.2213	1.2232	1.2245	0.0010752	-0.0017	-0.00028	0.0018	0.00092472
100	1.2209	1.2232	1.227	0.0019157	1.2198	1.2224	1.2266	0.0024259	-0.0023	-0.00077	0.0013	0.001073

Device Test: 21.5 VOLTAGE|VREF/VREF/12/12/0/0/5/100kHz//@V_REFCAP





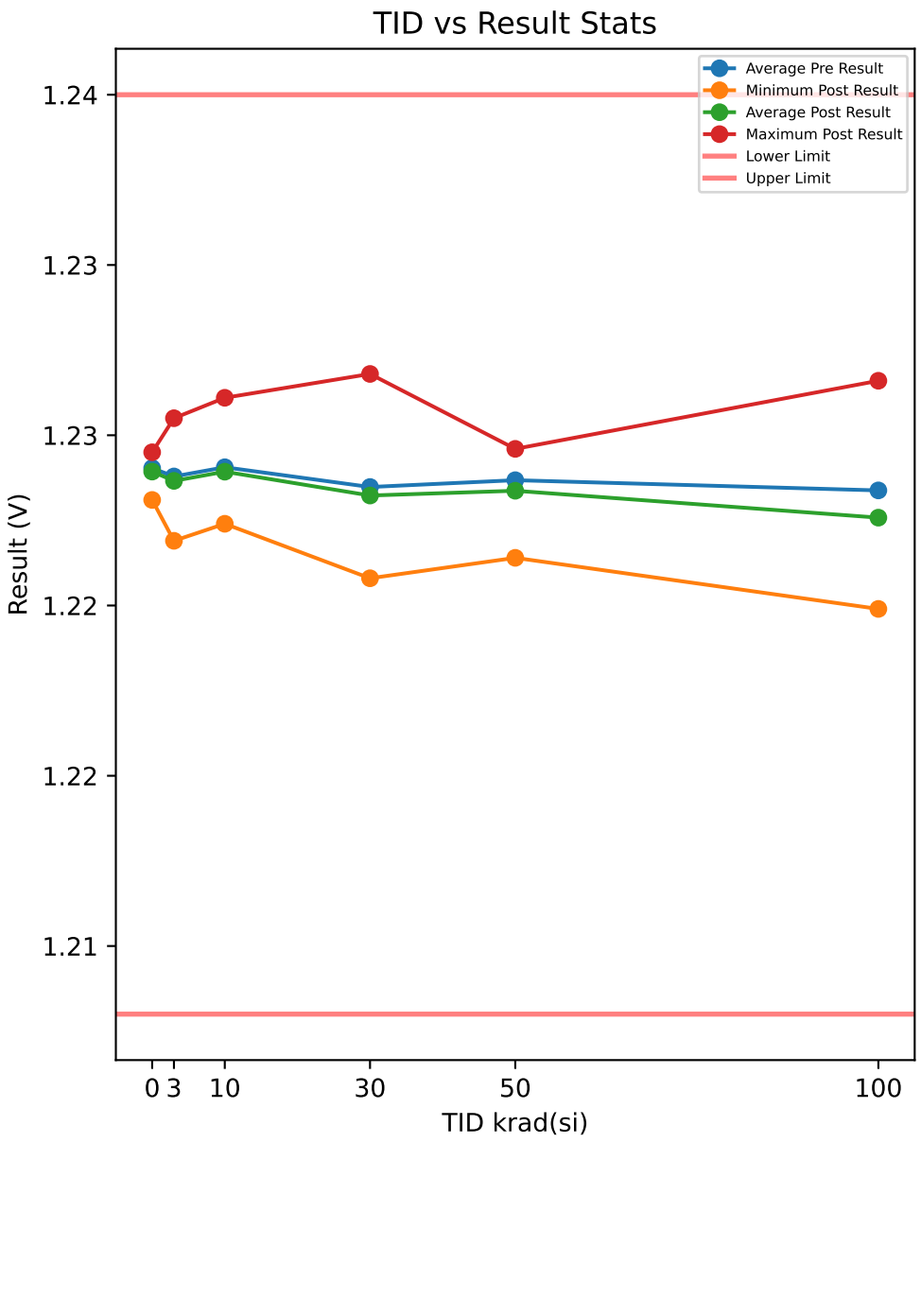
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

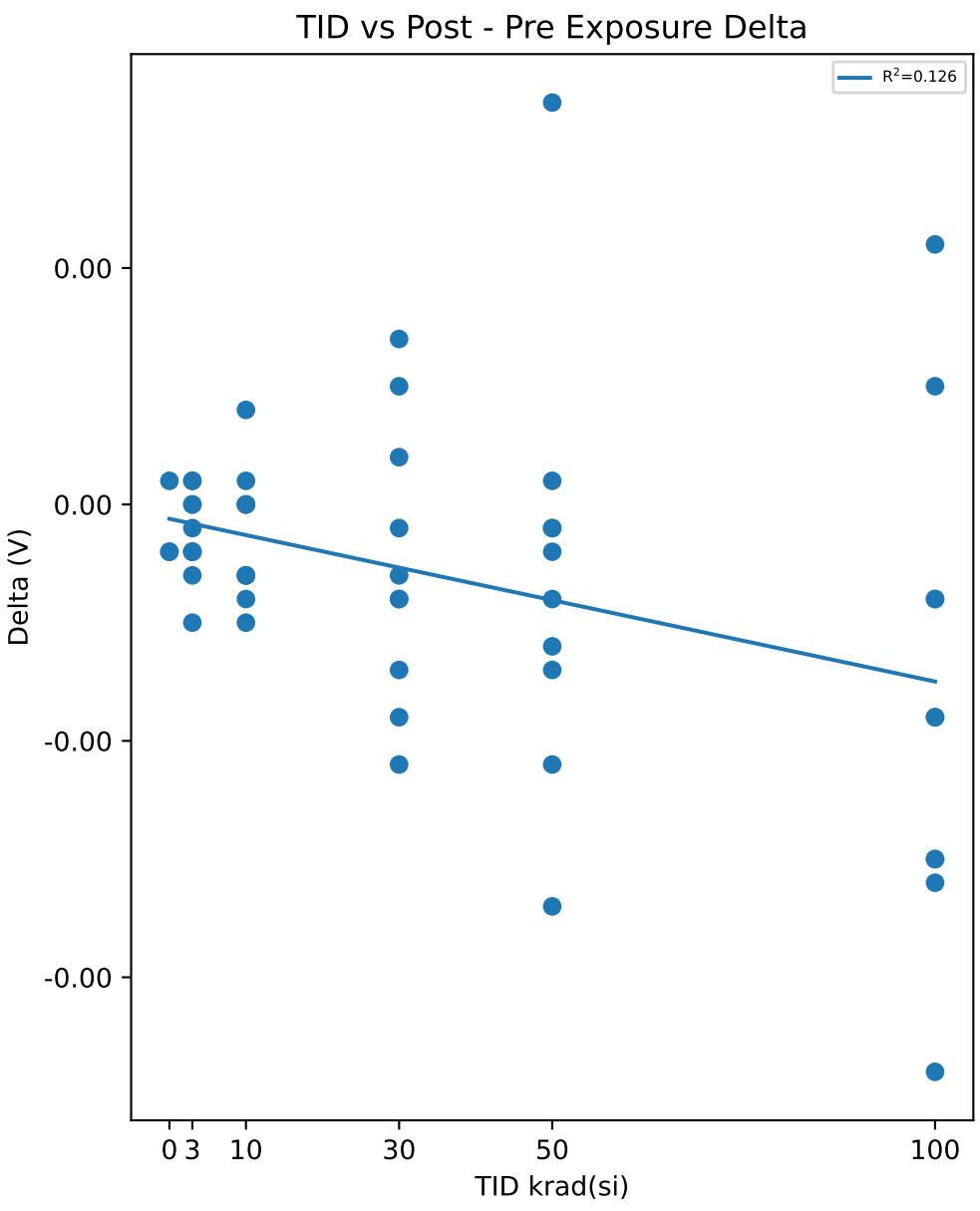
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.223	1.2228	-0.0002
2	3	HDR BIAS	1.2224	1.2219	-0.0005
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2238	1.2235	-0.0003
6	3	HDR UNBIAS	1.2233	1.2231	-0.0002
7	3	HDR UNBIAS	1.2239	1.2238	-0.0001
8	3	HDR UNBIAS	1.2255	1.2254	-0.0001
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2227	1.2225	-0.0002
11	10	HDR BIAS	1.2261	1.2261	0
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2229	1.2224	-0.0005
15	10	HDR BIAS	1.2233	1.223	-0.0003
16	10	HDR UNBIAS	1.2224	1.2224	0
17	10	HDR UNBIAS	1.2246	1.224	-0.0006
18	10	HDR UNBIAS	1.2248	1.2251	0.0003
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2252	1.2249	-0.0003
31	30	HDR BIAS	1.2258	1.2249	-0.0009
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2214	1.2208	-0.0006
34	30	HDR BIAS	1.222	1.2219	-0.0001
35	30	HDR BIAS	1.2228	1.2233	0.0005
36	30	HDR UNBIAS	1.2207	1.2214	0.0007
37	30	HDR UNBIAS	1.2272	1.2267	-0.0005
38	30	HDR UNBIAS	1.222	1.2208	-0.0012
39	30	HDR UNBIAS	1.224	1.2243	0.0003
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.222	-0.0016
42	50	HDR BIAS	1.2231	1.2232	0.0001
43	50	HDR BIAS	1.2241	1.2239	-0.0002
44	50	HDR BIAS	1.224	1.2228	-0.0012
45	50	HDR BIAS	1.2215	1.2214	-0.0001
46	50	HDR UNBIAS	1.2228	1.2246	0.0018
47	50	HDR UNBIAS	1.224	1.2236	-0.0004
48	50	HDR UNBIAS	1.2248	1.2243	-0.0005
49	50	HDR UNBIAS	1.2252	1.2245	-0.0007
50	50	HDR UNBIAS	1.2232	1.2232	0
51	100	HDR BIAS	1.2271	1.2262	-0.0009
52	100	HDR BIAS	1.2222	1.2205	-0.0017
53	100	HDR BIAS	1.2239	1.2215	-0.0024
54	100	HDR BIAS	1.2235	1.2225	-0.001
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2229	0.0005
57	100	HDR UNBIAS	1.2209	1.2206	-0.0003
58	100	HDR UNBIAS	1.2214	1.2199	-0.0015
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2254	1.2266	0.0012
71	0	CORRELATION	1.2233	1.2231	-0.0002
72	0	CORRELATION	1.2247	1.2245	-0.0002
73	0	CORRELATION	1.2241	1.2242	0.0001

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	1.2233	1.224	1.2247	0.00070238	1.2231	1.2239	1.2245	0.00073711	-0.0002	-0.0001	0.0001	0.00017321
3	1.2224	1.2238	1.2255	0.001049	1.2219	1.2236	1.2254	0.001158	-0.0005	-0.00015	0.0001	0.00017795
10	1.2224	1.2241	1.2261	0.00119	1.2224	1.2239	1.2261	0.0012819	-0.0006	-0.00016	0.0003	0.00028363
30	1.2207	1.2235	1.2272	0.0020479	1.2208	1.2232	1.2267	0.0019419	-0.0012	-0.00025	0.0007	0.00060782
50	1.2215	1.2236	1.2252	0.0010552	1.2214	1.2233	1.2246	0.0010607	-0.0016	-0.00028	0.0018	0.00090774
100	1.2209	1.2233	1.2271	0.0019225	1.2199	1.2226	1.2266	0.0023992	-0.0024	-0.0008	0.0012	0.0010801

Device Test: 21.7 VOLTAGE|VREF/VREF/14/14/0/0/5/100kHz//@V_REFCAP





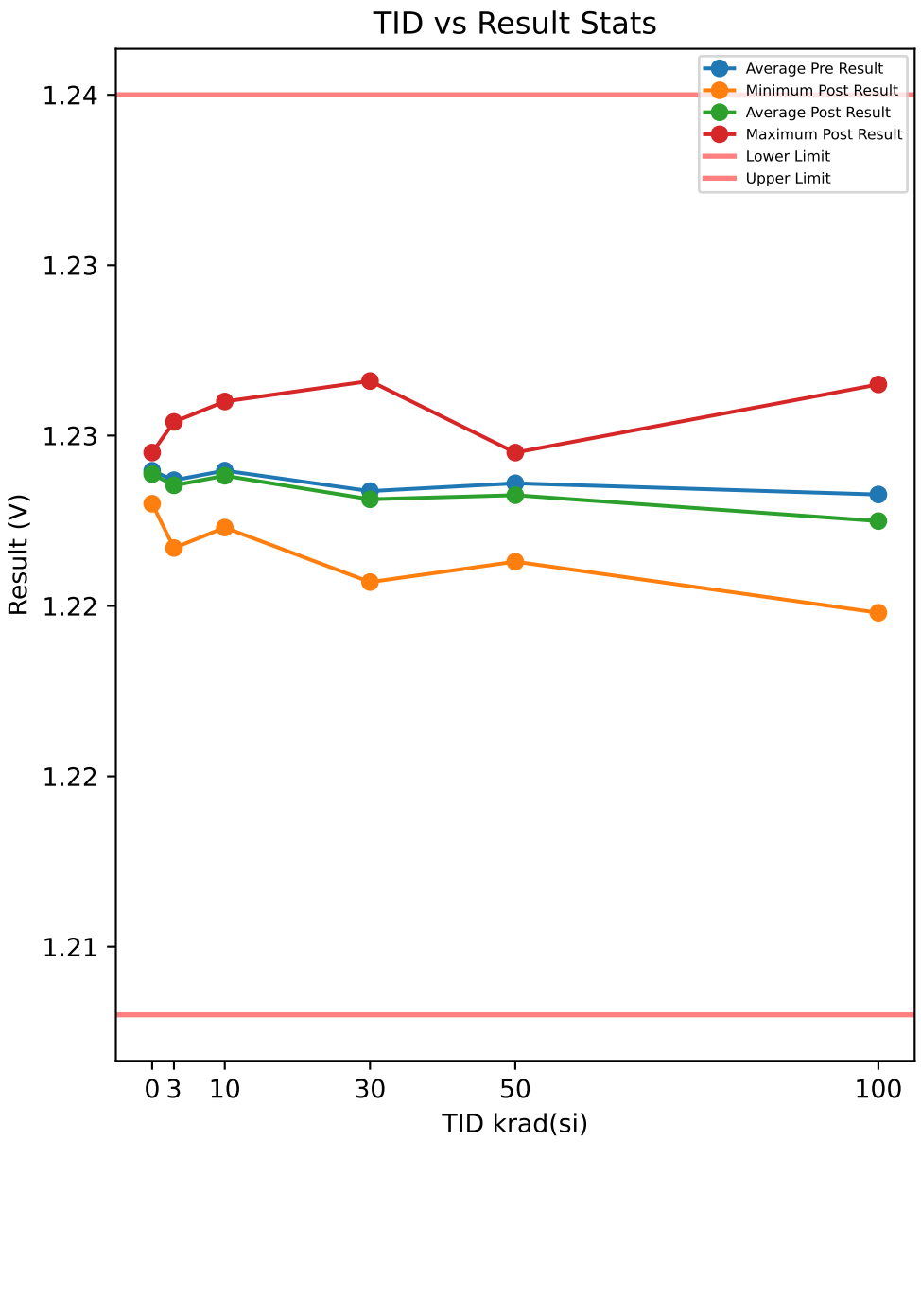
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

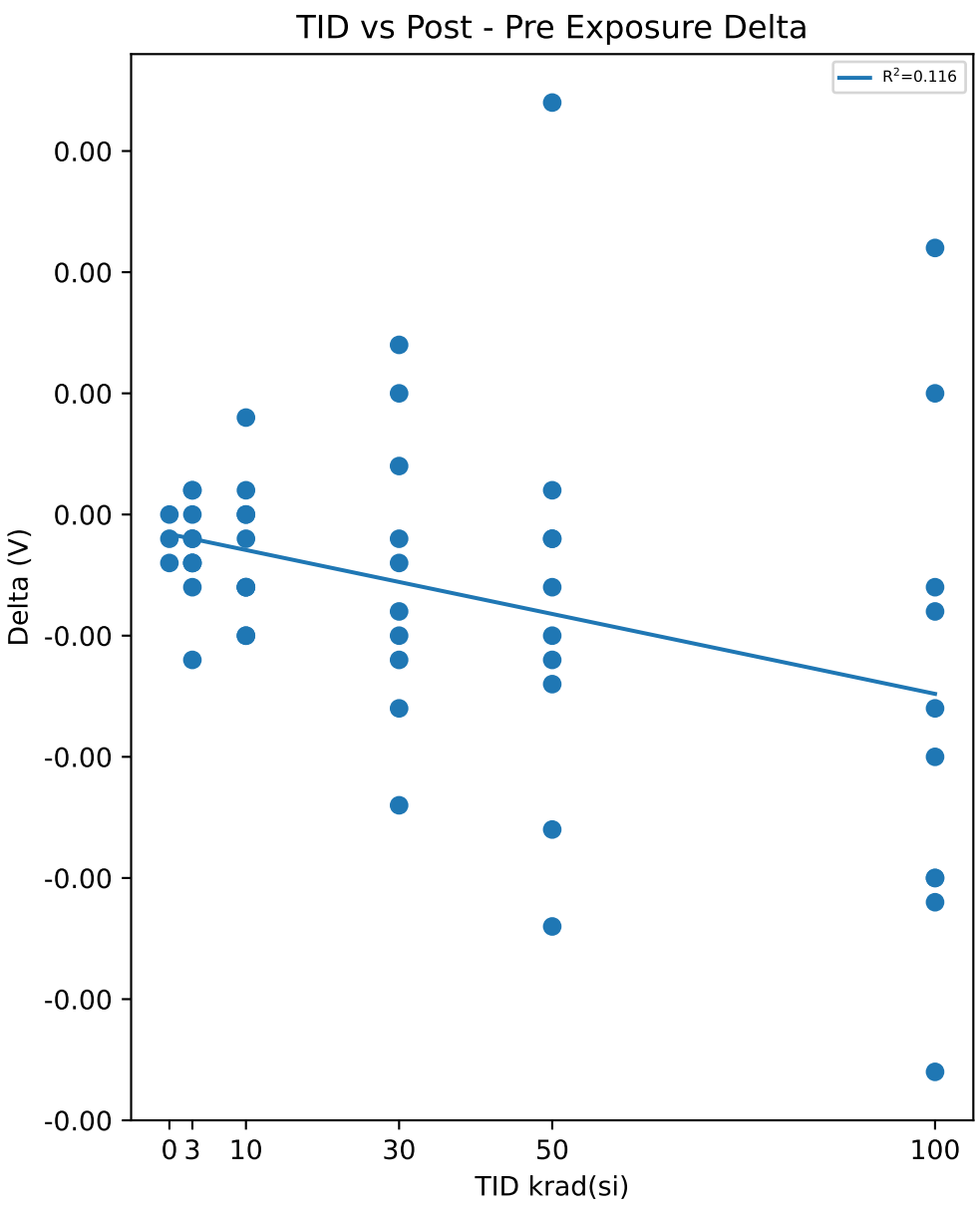
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2231	1.2229	-0.0002
2	3	HDR BIAS	1.2224	1.2219	-0.0005
3	3	HDR BIAS	1.2253	1.2254	0.0001
4	3	HDR BIAS	1.2246	1.2246	0
5	3	HDR BIAS	1.2238	1.2236	-0.0002
6	3	HDR UNBIAS	1.2234	1.2231	-0.0003
7	3	HDR UNBIAS	1.2239	1.2238	-0.0001
8	3	HDR UNBIAS	1.2255	1.2255	0
9	3	HDR UNBIAS	1.2232	1.2233	0.0001
10	3	HDR UNBIAS	1.2227	1.2225	-0.0002
11	10	HDR BIAS	1.2261	1.2261	0
12	10	HDR BIAS	1.2237	1.2238	0.0001
13	10	HDR BIAS	1.2246	1.2246	0
14	10	HDR BIAS	1.2229	1.2225	-0.0004
15	10	HDR BIAS	1.2233	1.223	-0.0003
16	10	HDR UNBIAS	1.2224	1.2224	0
17	10	HDR UNBIAS	1.2246	1.2241	-0.0005
18	10	HDR UNBIAS	1.2248	1.2252	0.0004
19	10	HDR UNBIAS	1.223	1.2227	-0.0003
20	10	HDR UNBIAS	1.2252	1.2249	-0.0003
31	30	HDR BIAS	1.2258	1.2249	-0.0009
32	30	HDR BIAS	1.2242	1.2239	-0.0003
33	30	HDR BIAS	1.2215	1.2208	-0.0007
34	30	HDR BIAS	1.222	1.2219	-0.0001
35	30	HDR BIAS	1.2228	1.2233	0.0005
36	30	HDR UNBIAS	1.2207	1.2214	0.0007
37	30	HDR UNBIAS	1.2272	1.2268	-0.0004
38	30	HDR UNBIAS	1.222	1.2209	-0.0011
39	30	HDR UNBIAS	1.2241	1.2243	0.0002
40	30	HDR UNBIAS	1.2245	1.2241	-0.0004
41	50	HDR BIAS	1.2237	1.222	-0.0017
42	50	HDR BIAS	1.2231	1.2232	0.0001
43	50	HDR BIAS	1.2241	1.2239	-0.0002
44	50	HDR BIAS	1.224	1.2229	-0.0011
45	50	HDR BIAS	1.2215	1.2214	-0.0001
46	50	HDR UNBIAS	1.2229	1.2246	0.0017
47	50	HDR UNBIAS	1.224	1.2236	-0.0004
48	50	HDR UNBIAS	1.2249	1.2243	-0.0006
49	50	HDR UNBIAS	1.2253	1.2246	-0.0007
50	50	HDR UNBIAS	1.2233	1.2232	-0.0001
51	100	HDR BIAS	1.2272	1.2263	-0.0009
52	100	HDR BIAS	1.2222	1.2206	-0.0016
53	100	HDR BIAS	1.2239	1.2215	-0.0024
54	100	HDR BIAS	1.2235	1.2226	-0.0009
55	100	HDR BIAS	1.2222	1.2207	-0.0015
56	100	HDR UNBIAS	1.2224	1.2229	0.0005
57	100	HDR UNBIAS	1.221	1.2206	-0.0004
58	100	HDR UNBIAS	1.2214	1.2199	-0.0015
59	100	HDR UNBIAS	1.2245	1.2241	-0.0004
60	100	HDR UNBIAS	1.2255	1.2266	0.0011
71	0	CORRELATION	1.2233	1.2231	-0.0002
72	0	CORRELATION	1.2247	1.2245	-0.0002
73	0	CORRELATION	1.2241	1.2242	0.0001

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	1.2233	1.224	1.2247	0.00070238	1.2231	1.2239	1.2245	0.00073711	-0.0002	-0.0001	0.0001	0.00017321
3	1.2224	1.2238	1.2255	0.0010525	1.2219	1.2237	1.2255	0.0011918	-0.0005	-0.00013	0.0001	0.00018886
10	1.2224	1.2241	1.2261	0.0011796	1.2224	1.2239	1.2261	0.0012702	-0.0005	-0.00013	0.0004	0.00027508
30	1.2207	1.2235	1.2272	0.0020455	1.2208	1.2232	1.2268	0.0019534	-0.0011	-0.00025	0.0007	0.00058547
50	1.2215	1.2237	1.2253	0.0010717	1.2214	1.2234	1.2246	0.0010678	-0.0017	-0.00031	0.0017	0.00088876
100	1.221	1.2234	1.2272	0.0019424	1.2199	1.2226	1.2266	0.0024068	-0.0024	-0.0008	0.0011	0.0010446

Device Test: 21.9 VOLTAGE|VREF/VREF/4.5/4.5/0/0/4.5/500kHz//@V_REFCAP





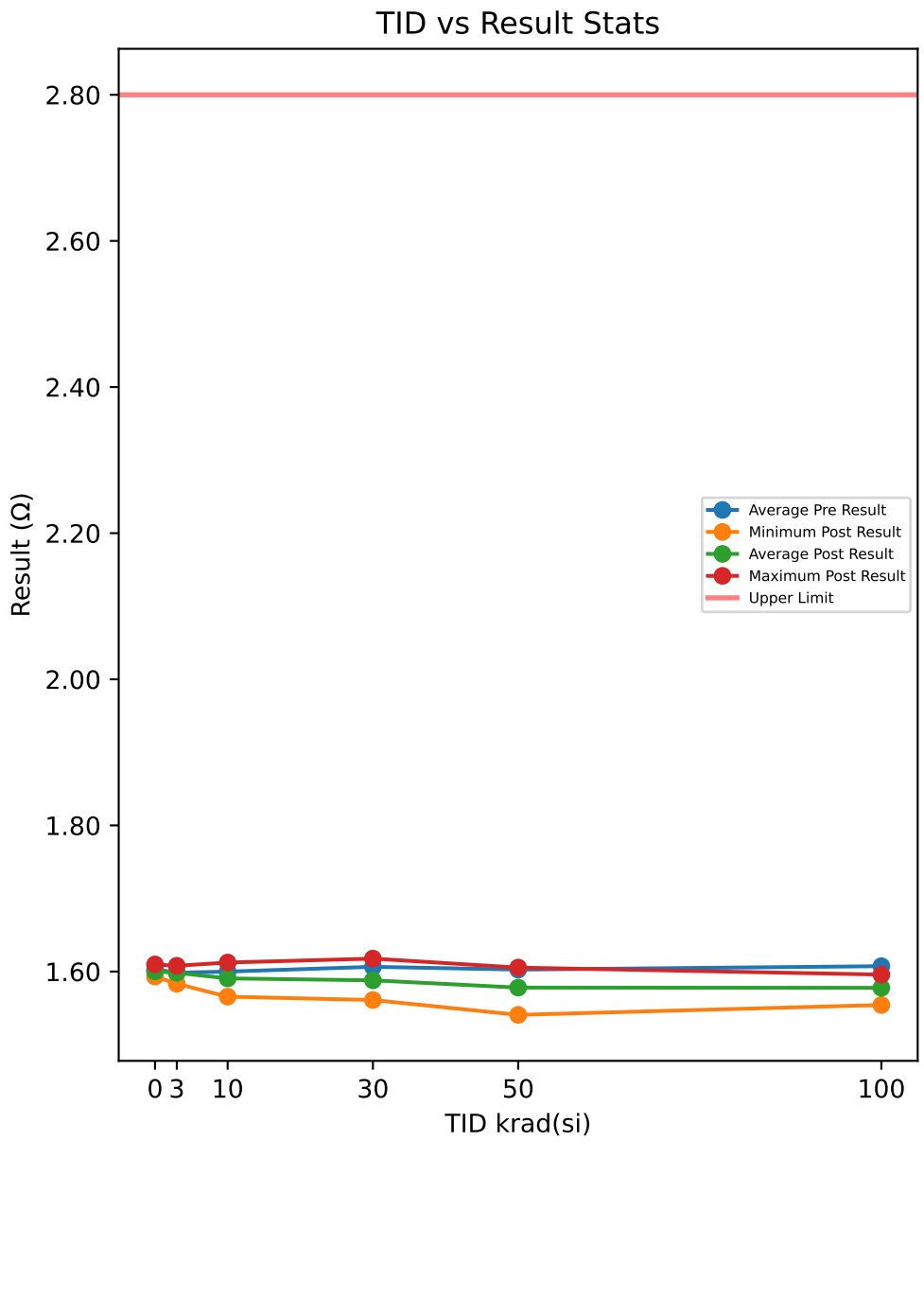
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

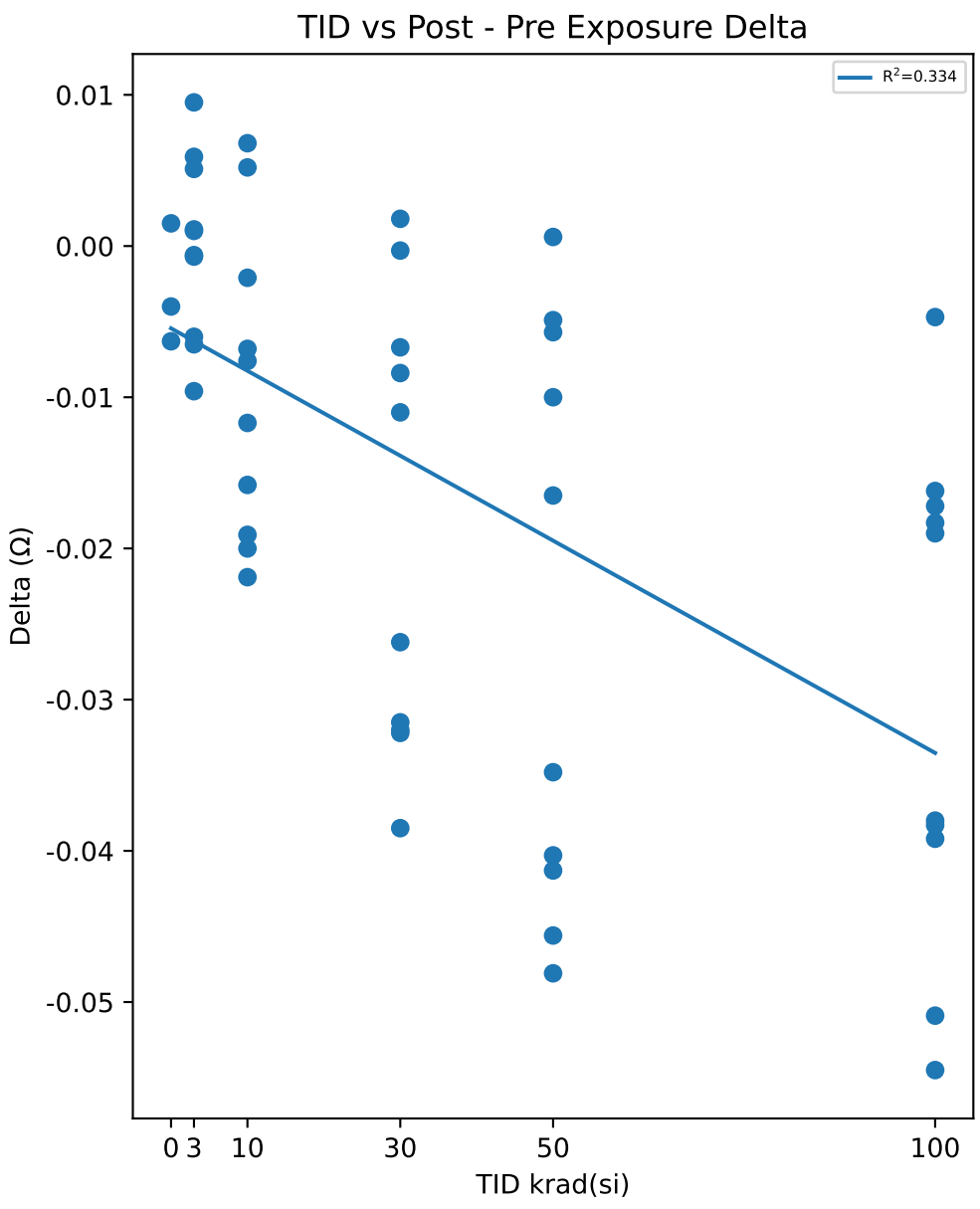
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.2229	1.2228	-0.0001
2	3	HDR BIAS	1.2223	1.2217	-0.0006
3	3	HDR BIAS	1.2252	1.2253	0.0001
4	3	HDR BIAS	1.2246	1.2245	-0.0001
5	3	HDR BIAS	1.2237	1.2234	-0.0003
6	3	HDR UNBIAS	1.2232	1.223	-0.0002
7	3	HDR UNBIAS	1.2239	1.2237	-0.0002
8	3	HDR UNBIAS	1.2254	1.2254	0
9	3	HDR UNBIAS	1.2231	1.2232	0.0001
10	3	HDR UNBIAS	1.2226	1.2224	-0.0002
11	10	HDR BIAS	1.2259	1.226	0.0001
12	10	HDR BIAS	1.2237	1.2237	0
13	10	HDR BIAS	1.2246	1.2245	-0.0001
14	10	HDR BIAS	1.2228	1.2223	-0.0005
15	10	HDR BIAS	1.2232	1.2229	-0.0003
16	10	HDR UNBIAS	1.2223	1.2223	0
17	10	HDR UNBIAS	1.2245	1.224	-0.0005
18	10	HDR UNBIAS	1.2247	1.2251	0.0004
19	10	HDR UNBIAS	1.2229	1.2226	-0.0003
20	10	HDR UNBIAS	1.2251	1.2248	-0.0003
31	30	HDR BIAS	1.2257	1.2249	-0.0008
32	30	HDR BIAS	1.2241	1.2239	-0.0002
33	30	HDR BIAS	1.2213	1.2207	-0.0006
34	30	HDR BIAS	1.2219	1.2218	-0.0001
35	30	HDR BIAS	1.2227	1.2232	0.0005
36	30	HDR UNBIAS	1.2206	1.2213	0.0007
37	30	HDR UNBIAS	1.2271	1.2266	-0.0005
38	30	HDR UNBIAS	1.2219	1.2207	-0.0012
39	30	HDR UNBIAS	1.224	1.2242	0.0002
40	30	HDR UNBIAS	1.2244	1.224	-0.0004
41	50	HDR BIAS	1.2236	1.2219	-0.0017
42	50	HDR BIAS	1.223	1.2231	0.0001
43	50	HDR BIAS	1.2241	1.2238	-0.0003
44	50	HDR BIAS	1.224	1.2227	-0.0013
45	50	HDR BIAS	1.2214	1.2213	-0.0001
46	50	HDR UNBIAS	1.2228	1.2245	0.0017
47	50	HDR UNBIAS	1.224	1.2235	-0.0005
48	50	HDR UNBIAS	1.2248	1.2242	-0.0006
49	50	HDR UNBIAS	1.2251	1.2244	-0.0007
50	50	HDR UNBIAS	1.2232	1.2231	-0.0001
51	100	HDR BIAS	1.227	1.2262	-0.0008
52	100	HDR BIAS	1.2221	1.2205	-0.0016
53	100	HDR BIAS	1.2238	1.2215	-0.0023
54	100	HDR BIAS	1.2234	1.2224	-0.001
55	100	HDR BIAS	1.2221	1.2206	-0.0015
56	100	HDR UNBIAS	1.2223	1.2228	0.0005
57	100	HDR UNBIAS	1.2209	1.2205	-0.0004
58	100	HDR UNBIAS	1.2213	1.2198	-0.0015
59	100	HDR UNBIAS	1.2244	1.2241	-0.0003
60	100	HDR UNBIAS	1.2254	1.2265	0.0011
71	0	CORRELATION	1.2232	1.223	-0.0002
72	0	CORRELATION	1.2246	1.2245	-0.0001
73	0	CORRELATION	1.2241	1.2241	0

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	1.2232	1.224	1.2246	0.00070946	1.223	1.2239	1.2245	0.00077675	-0.0002	-0.0001	0	0.0001
3	1.2223	1.2237	1.2254	0.0010754	1.2217	1.2235	1.2254	0.0012094	-0.0006	-0.00015	0.0001	0.00020683
10	1.2223	1.224	1.2259	0.0011634	1.2223	1.2238	1.226	0.0012831	-0.0005	-0.00015	0.0004	0.00028382
30	1.2206	1.2234	1.2271	0.0020565	1.2207	1.2231	1.2266	0.0019608	-0.0012	-0.00024	0.0007	0.00058727
50	1.2214	1.2236	1.2251	0.0010677	1.2213	1.2232	1.2245	0.0010607	-0.0017	-0.00035	0.0017	0.00091074
100	1.2209	1.2233	1.227	0.0019207	1.2198	1.2225	1.2265	0.0024094	-0.0023	-0.00078	0.0011	0.0010337

Device Test: 23.10 LEVEL|LS_RDSON/OUTL/12/12/100/0/5/500kHz//@ROL





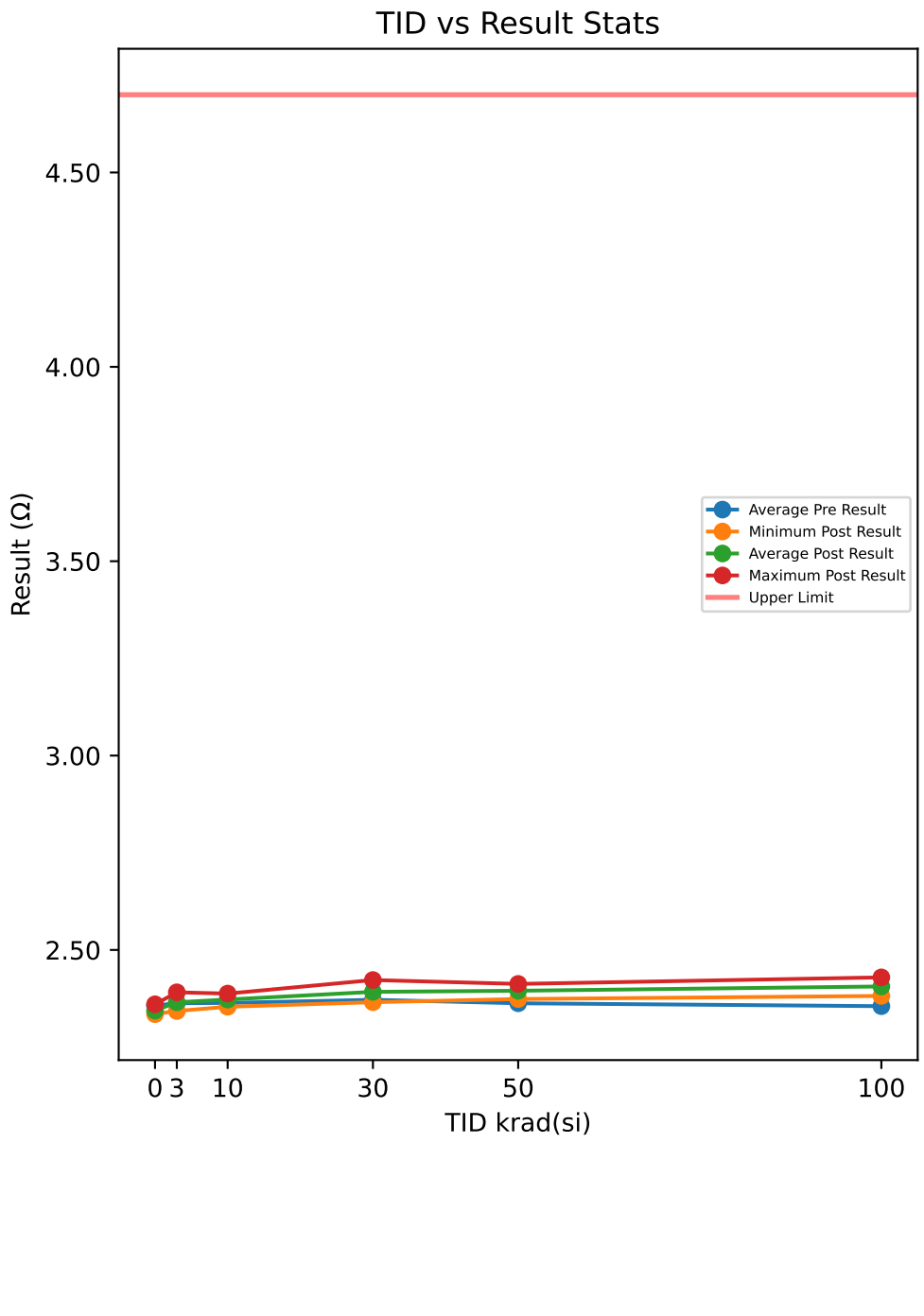
Test Results (Upper Limit = 2.8 (Ω))

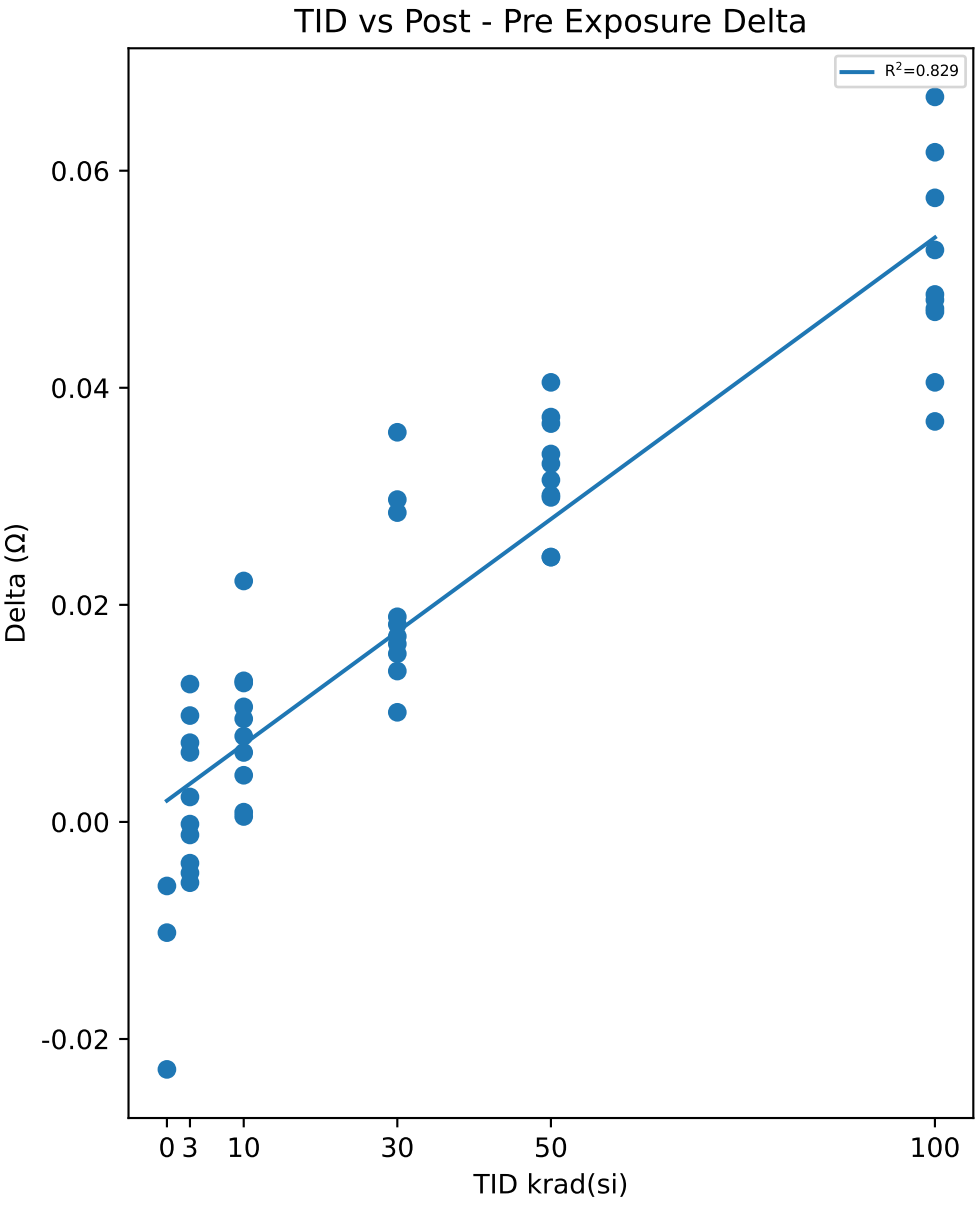
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.6028	1.6079	0.0051
2	3	HDR BIAS	1.5914	1.5854	-0.006
3	3	HDR BIAS	1.6097	1.6001	-0.0096
4	3	HDR BIAS	1.6064	1.6075	0.0011
5	3	HDR BIAS	1.6055	1.599	-0.0065
6	3	HDR UNBIAS	1.5822	1.5832	0.001
7	3	HDR UNBIAS	1.5958	1.6053	0.0095
8	3	HDR UNBIAS	1.5958	1.5952	-0.0006
9	3	HDR UNBIAS	1.6008	1.6001	-0.0007
10	3	HDR UNBIAS	1.5932	1.5991	0.0059
11	10	HDR BIAS	1.6003	1.5784	-0.0219
12	10	HDR BIAS	1.5928	1.577	-0.0158
13	10	HDR BIAS	1.5852	1.5735	-0.0117
14	10	HDR BIAS	1.6117	1.5926	-0.0191
15	10	HDR BIAS	1.5856	1.5656	-0.02
16	10	HDR UNBIAS	1.6001	1.6053	0.0052
17	10	HDR UNBIAS	1.6028	1.5952	-0.0076
18	10	HDR UNBIAS	1.6157	1.6089	-0.0068
19	10	HDR UNBIAS	1.6055	1.6123	0.0068
20	10	HDR UNBIAS	1.5992	1.5971	-0.0021
31	30	HDR BIAS	1.6102	1.584	-0.0262
32	30	HDR BIAS	1.6037	1.5715	-0.0322
33	30	HDR BIAS	1.5995	1.561	-0.0385
34	30	HDR BIAS	1.6127	1.5807	-0.032
35	30	HDR BIAS	1.5994	1.5679	-0.0315
36	30	HDR UNBIAS	1.6014	1.5904	-0.011
37	30	HDR UNBIAS	1.618	1.6177	-0.0003
38	30	HDR UNBIAS	1.6198	1.6114	-0.0084
39	30	HDR UNBIAS	1.6016	1.5949	-0.0067
40	30	HDR UNBIAS	1.5984	1.6002	0.0018
41	50	HDR BIAS	1.6036	1.5555	-0.0481
42	50	HDR BIAS	1.6219	1.5806	-0.0413
43	50	HDR BIAS	1.5755	1.5407	-0.0348
44	50	HDR BIAS	1.6037	1.5634	-0.0403
45	50	HDR BIAS	1.6014	1.5558	-0.0456
46	50	HDR UNBIAS	1.6049	1.5992	-0.0057
47	50	HDR UNBIAS	1.5912	1.5812	-0.01
48	50	HDR UNBIAS	1.6211	1.6046	-0.0165
49	50	HDR UNBIAS	1.6048	1.6054	0.0006
50	50	HDR UNBIAS	1.5984	1.5935	-0.0049
51	100	HDR BIAS	1.6112	1.5603	-0.0509
52	100	HDR BIAS	1.5992	1.5609	-0.0383
53	100	HDR BIAS	1.6111	1.5731	-0.038
54	100	HDR BIAS	1.6087	1.5542	-0.0545
55	100	HDR BIAS	1.6056	1.5664	-0.0392
56	100	HDR UNBIAS	1.6117	1.5927	-0.019
57	100	HDR UNBIAS	1.6131	1.5948	-0.0183
58	100	HDR UNBIAS	1.5967	1.592	-0.0047
59	100	HDR UNBIAS	1.6028	1.5866	-0.0162
60	100	HDR UNBIAS	1.613	1.5958	-0.0172
71	0	CORRELATION	1.6082	1.6097	0.0015
72	0	CORRELATION	1.6017	1.5977	-0.004
73	0	CORRELATION	1.5994	1.5931	-0.0063

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.5994	1.6031	1.6082	0.004564	1.5931	1.6002	1.6097	0.0085705	-0.0063	-0.0029333	0.0015	0.0040079
3	1.5822	1.5984	1.6097	0.0082946	1.5832	1.5983	1.6079	0.0084158	-0.0096	-8e-05	0.0095	0.0060044
10	1.5852	1.5999	1.6157	0.010002	1.5656	1.5906	1.6123	0.016126	-0.0219	-0.0093	0.0068	0.010262
30	1.5984	1.6065	1.6198	0.0080563	1.561	1.588	1.6177	0.018578	-0.0385	-0.0185	0.0018	0.015052
50	1.5755	1.6026	1.6219	0.013377	1.5407	1.578	1.6054	0.023018	-0.0481	-0.02466	0.0006	0.019096
100	1.5967	1.6073	1.6131	0.0059461	1.5542	1.5777	1.5958	0.01638	-0.0545	-0.02963	-0.0047	0.016685

Device Test: 23.11 LEVEL|HS_RDSON/OUTH/14/14/100/0/5/500kHz//@ROH





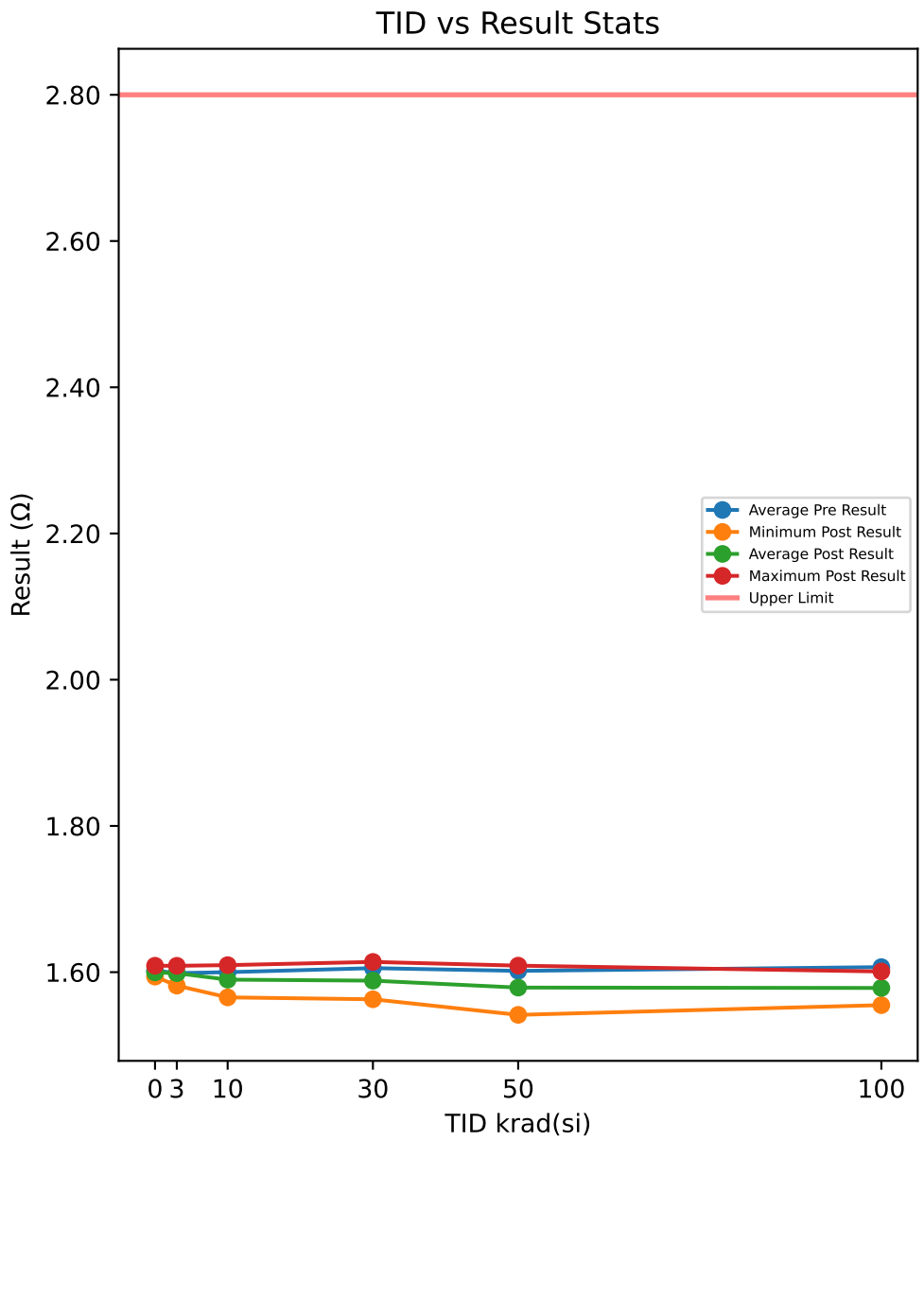
Test Results (Upper Limit = 4.7 (Ω))

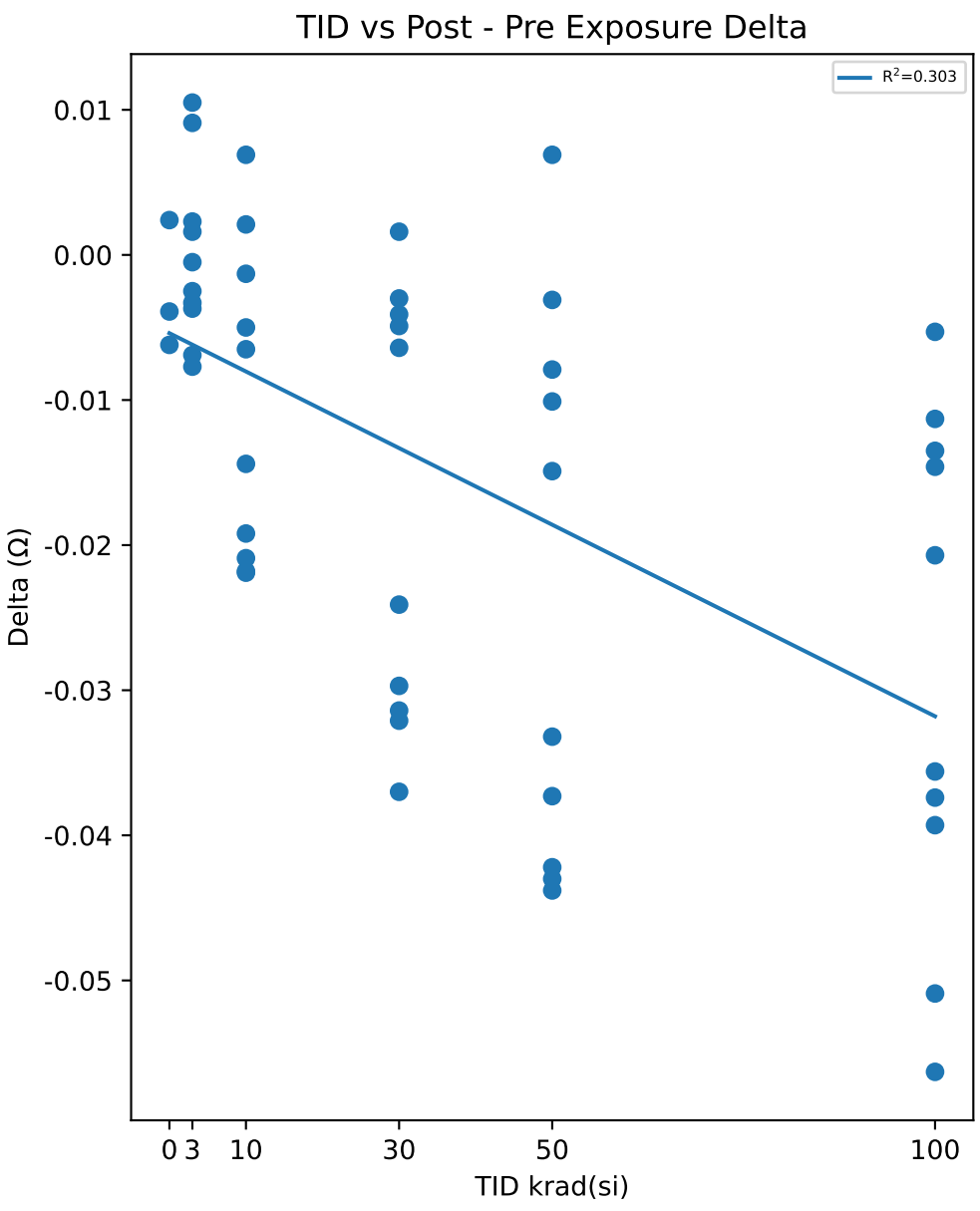
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.3485	2.3429	-0.0056
2	3	HDR BIAS	2.3525	2.3589	0.0064
3	3	HDR BIAS	2.3404	2.3477	0.0073
4	3	HDR BIAS	2.3742	2.373	-0.0012
5	3	HDR BIAS	2.3747	2.3745	-0.0002
6	3	HDR UNBIAS	2.3529	2.3627	0.0098
7	3	HDR UNBIAS	2.3769	2.3722	-0.0047
8	3	HDR UNBIAS	2.3694	2.3656	-0.0038
9	3	HDR UNBIAS	2.3783	2.391	0.0127
10	3	HDR UNBIAS	2.3628	2.3651	0.0023
11	10	HDR BIAS	2.3763	2.3869	0.0106
12	10	HDR BIAS	2.3538	2.376	0.0222
13	10	HDR BIAS	2.3581	2.3624	0.0043
14	10	HDR BIAS	2.3747	2.3877	0.013
15	10	HDR BIAS	2.3734	2.3798	0.0064
16	10	HDR UNBIAS	2.353	2.3539	0.0009
17	10	HDR UNBIAS	2.374	2.3835	0.0095
18	10	HDR UNBIAS	2.3467	2.3595	0.0128
19	10	HDR UNBIAS	2.3601	2.3606	0.0005
20	10	HDR UNBIAS	2.3666	2.3745	0.0079
31	30	HDR BIAS	2.4071	2.4226	0.0155
32	30	HDR BIAS	2.3827	2.4124	0.0297
33	30	HDR BIAS	2.3413	2.3772	0.0359
34	30	HDR BIAS	2.3485	2.3656	0.0171
35	30	HDR BIAS	2.3703	2.3892	0.0189
36	30	HDR UNBIAS	2.3642	2.3824	0.0182
37	30	HDR UNBIAS	2.3575	2.3739	0.0164
38	30	HDR UNBIAS	2.3853	2.3992	0.0139
39	30	HDR UNBIAS	2.3743	2.4028	0.0285
40	30	HDR UNBIAS	2.3865	2.3966	0.0101
41	50	HDR BIAS	2.3728	2.4029	0.0301
42	50	HDR BIAS	2.3759	2.4098	0.0339
43	50	HDR BIAS	2.3493	2.3737	0.0244
44	50	HDR BIAS	2.3753	2.4126	0.0373
45	50	HDR BIAS	2.3633	2.4	0.0367
46	50	HDR UNBIAS	2.382	2.4064	0.0244
47	50	HDR UNBIAS	2.3569	2.3868	0.0299
48	50	HDR UNBIAS	2.3564	2.3879	0.0315
49	50	HDR UNBIAS	2.3468	2.3798	0.033
50	50	HDR UNBIAS	2.35	2.3905	0.0405
51	100	HDR BIAS	2.3395	2.4063	0.0668
52	100	HDR BIAS	2.3431	2.3912	0.0481
53	100	HDR BIAS	2.3655	2.4141	0.0486
54	100	HDR BIAS	2.3582	2.4199	0.0617
55	100	HDR BIAS	2.3767	2.4294	0.0527
56	100	HDR UNBIAS	2.365	2.4055	0.0405
57	100	HDR UNBIAS	2.3644	2.4114	0.047
58	100	HDR UNBIAS	2.3448	2.3817	0.0369
59	100	HDR UNBIAS	2.3434	2.4009	0.0575
60	100	HDR UNBIAS	2.3529	2.4002	0.0473
71	0	CORRELATION	2.3596	2.3368	-0.0228
72	0	CORRELATION	2.3408	2.3349	-0.0059
73	0	CORRELATION	2.3703	2.3601	-0.0102

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.3408	2.3569	2.3703	0.014934	2.3349	2.3439	2.3601	0.014033	-0.0228	-0.012967	-0.0059	0.0087831
3	2.3404	2.3631	2.3783	0.013597	2.3429	2.3654	2.391	0.01379	-0.0056	0.0023	0.0127	0.0064407
10	2.3467	2.3637	2.3763	0.010719	2.3539	2.3725	2.3877	0.012416	0.0005	0.00881	0.0222	0.0064554
30	2.3413	2.3718	2.4071	0.01974	2.3656	2.3922	2.4226	0.017905	0.0101	0.02042	0.0359	0.008156
50	2.3468	2.3629	2.382	0.0128	2.3737	2.395	2.4126	0.013203	0.0244	0.03217	0.0405	0.0052762
100	2.3395	2.3554	2.3767	0.012487	2.3817	2.4061	2.4294	0.013764	0.0369	0.05071	0.0668	0.0091975

Device Test: 23.12 LEVEL|LS_RDSON/OUTL/14/14/100/0/5/500kHz//@ROL





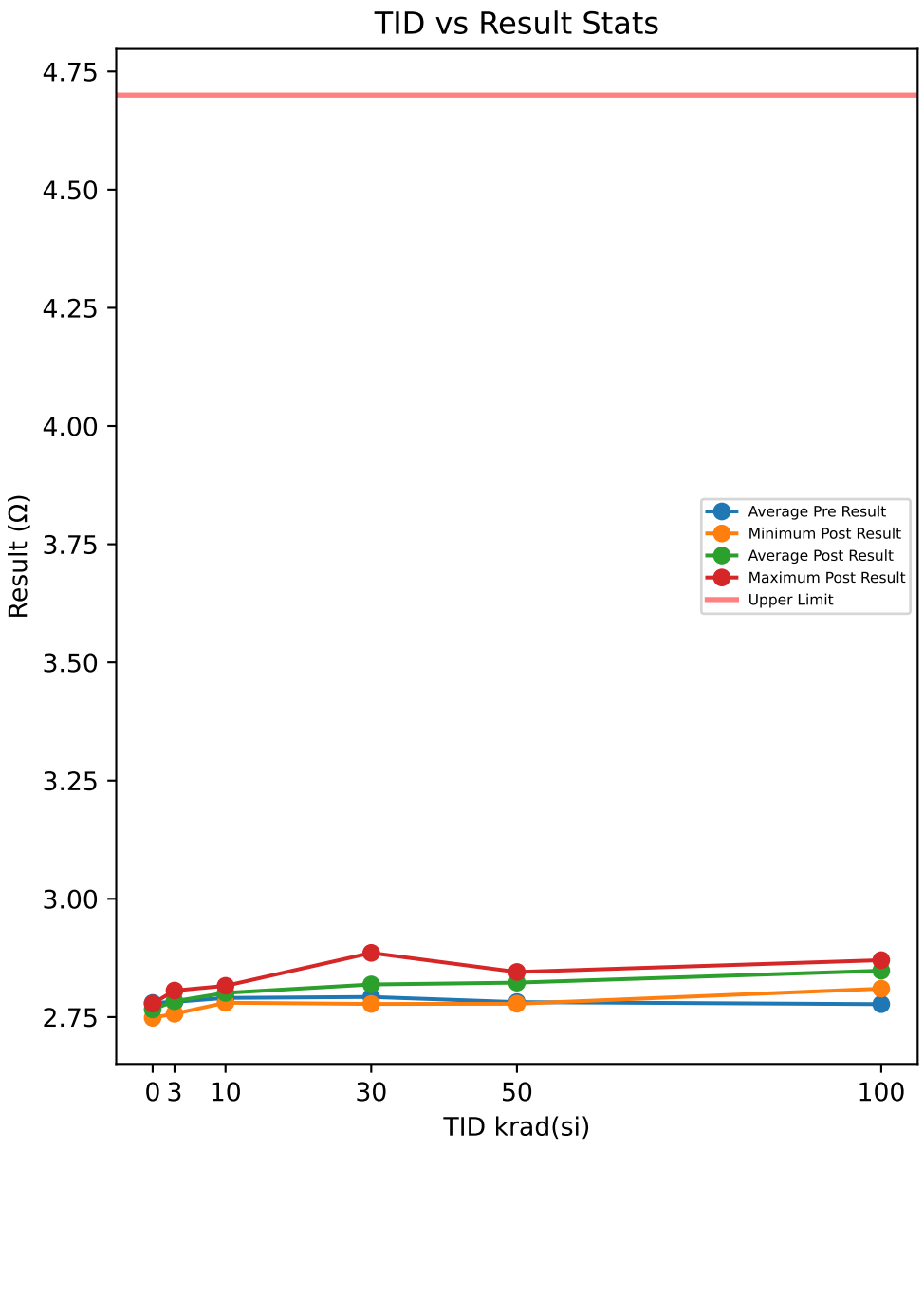
Test Results (Upper Limit = 2.8 (Ω))

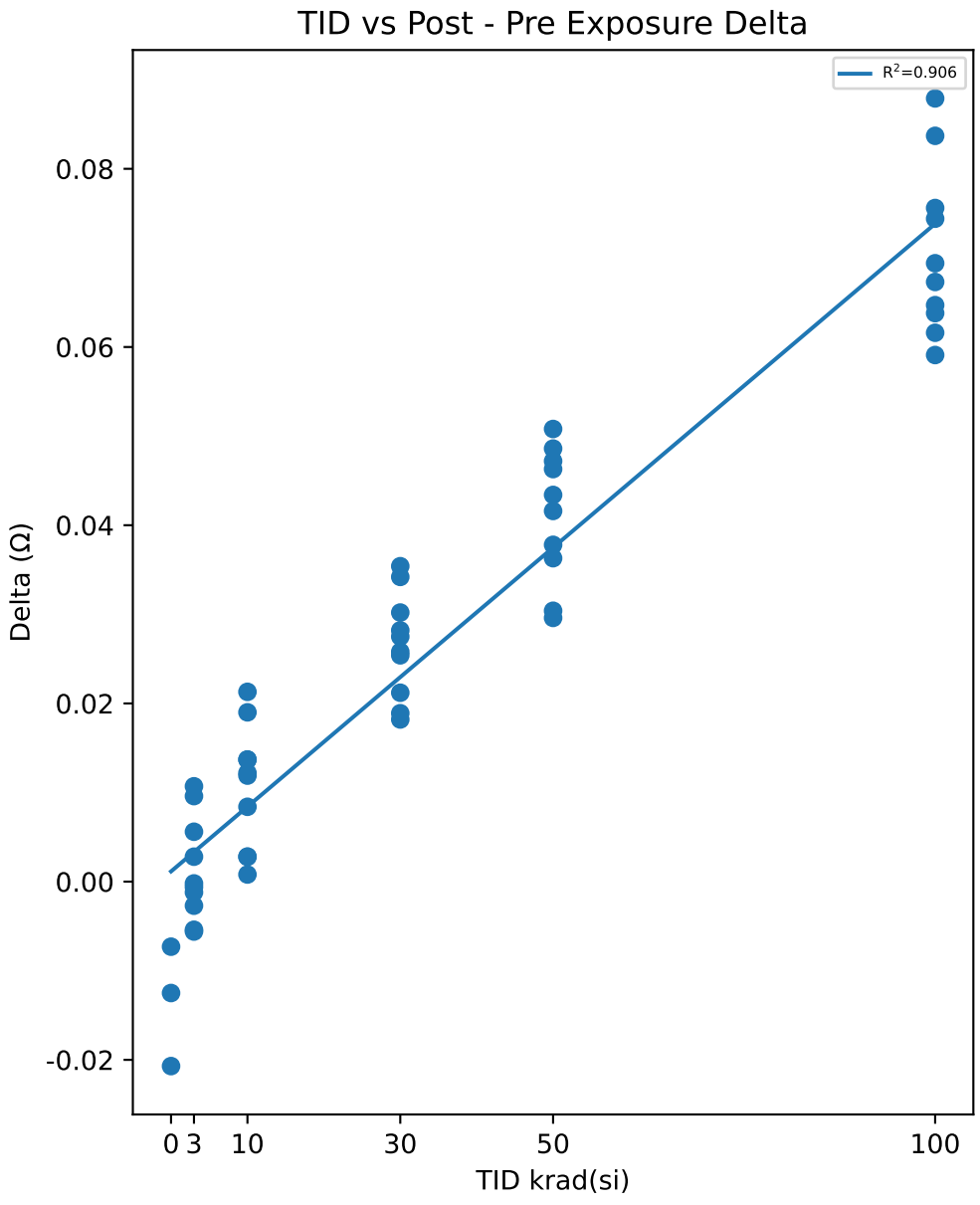
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.6071	1.6087	0.0016
2	3	HDR BIAS	1.5932	1.5863	-0.0069
3	3	HDR BIAS	1.6078	1.6001	-0.0077
4	3	HDR BIAS	1.6056	1.6079	0.0023
5	3	HDR BIAS	1.603	1.5997	-0.0033
6	3	HDR UNBIAS	1.5821	1.5816	-0.0005
7	3	HDR UNBIAS	1.5951	1.6042	0.0091
8	3	HDR UNBIAS	1.5967	1.5942	-0.0025
9	3	HDR UNBIAS	1.6022	1.5985	-0.0037
10	3	HDR UNBIAS	1.5939	1.6044	0.0105
11	10	HDR BIAS	1.5993	1.5784	-0.0209
12	10	HDR BIAS	1.5972	1.5754	-0.0218
13	10	HDR BIAS	1.5835	1.5691	-0.0144
14	10	HDR BIAS	1.6128	1.5936	-0.0192
15	10	HDR BIAS	1.5874	1.5655	-0.0219
16	10	HDR UNBIAS	1.5993	1.6062	0.0069
17	10	HDR UNBIAS	1.602	1.5955	-0.0065
18	10	HDR UNBIAS	1.6103	1.609	-0.0013
19	10	HDR UNBIAS	1.6075	1.6096	0.0021
20	10	HDR UNBIAS	1.6003	1.5953	-0.005
31	30	HDR BIAS	1.6081	1.584	-0.0241
32	30	HDR BIAS	1.602	1.5706	-0.0314
33	30	HDR BIAS	1.5999	1.5629	-0.037
34	30	HDR BIAS	1.6136	1.5815	-0.0321
35	30	HDR BIAS	1.5976	1.5679	-0.0297
36	30	HDR UNBIAS	1.598	1.5931	-0.0049
37	30	HDR UNBIAS	1.617	1.614	-0.003
38	30	HDR UNBIAS	1.6179	1.6115	-0.0064
39	30	HDR UNBIAS	1.6006	1.5965	-0.0041
40	30	HDR UNBIAS	1.6002	1.6018	0.0016
41	50	HDR BIAS	1.602	1.5582	-0.0438
42	50	HDR BIAS	1.622	1.579	-0.043
43	50	HDR BIAS	1.5748	1.5416	-0.0332
44	50	HDR BIAS	1.6001	1.5628	-0.0373
45	50	HDR BIAS	1.5998	1.5576	-0.0422
46	50	HDR UNBIAS	1.6053	1.5974	-0.0079
47	50	HDR UNBIAS	1.5903	1.5802	-0.0101
48	50	HDR UNBIAS	1.6229	1.608	-0.0149
49	50	HDR UNBIAS	1.602	1.6089	0.0069
50	50	HDR UNBIAS	1.5984	1.5953	-0.0031
51	100	HDR BIAS	1.6067	1.5558	-0.0509
52	100	HDR BIAS	1.602	1.5646	-0.0374
53	100	HDR BIAS	1.6099	1.5706	-0.0393
54	100	HDR BIAS	1.6112	1.5549	-0.0563
55	100	HDR BIAS	1.6055	1.5699	-0.0356
56	100	HDR UNBIAS	1.6117	1.591	-0.0207
57	100	HDR UNBIAS	1.6122	1.6009	-0.0113
58	100	HDR UNBIAS	1.5965	1.5912	-0.0053
59	100	HDR UNBIAS	1.6001	1.5866	-0.0135
60	100	HDR UNBIAS	1.613	1.5984	-0.0146
71	0	CORRELATION	1.6064	1.6088	0.0024
72	0	CORRELATION	1.6024	1.5962	-0.0062
73	0	CORRELATION	1.5978	1.5939	-0.0039

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.5978	1.6022	1.6064	0.0043035	1.5939	1.5996	1.6088	0.0080214	-0.0062	-0.0025667	0.0024	0.0044523
3	1.5821	1.5987	1.6078	0.0080106	1.5816	1.5986	1.6087	0.0089232	-0.0077	-0.00011	0.0105	0.0061352
10	1.5835	1.6	1.6128	0.0092501	1.5655	1.5898	1.6096	0.016543	-0.0219	-0.0102	0.0069	0.010792
30	1.5976	1.6055	1.6179	0.0079774	1.5629	1.5884	1.614	0.017983	-0.037	-0.01711	0.0016	0.01496
50	1.5748	1.6018	1.6229	0.013925	1.5416	1.5789	1.6089	0.023315	-0.0438	-0.02286	0.0069	0.019031
100	1.5965	1.6069	1.613	0.0057372	1.5549	1.5784	1.6009	0.017265	-0.0563	-0.02849	-0.0053	0.017745

Device Test: 23.5 LEVEL|HS_RDSON/OUTH/4.5/4.5/100/0/4.5/500kHz//@ROH





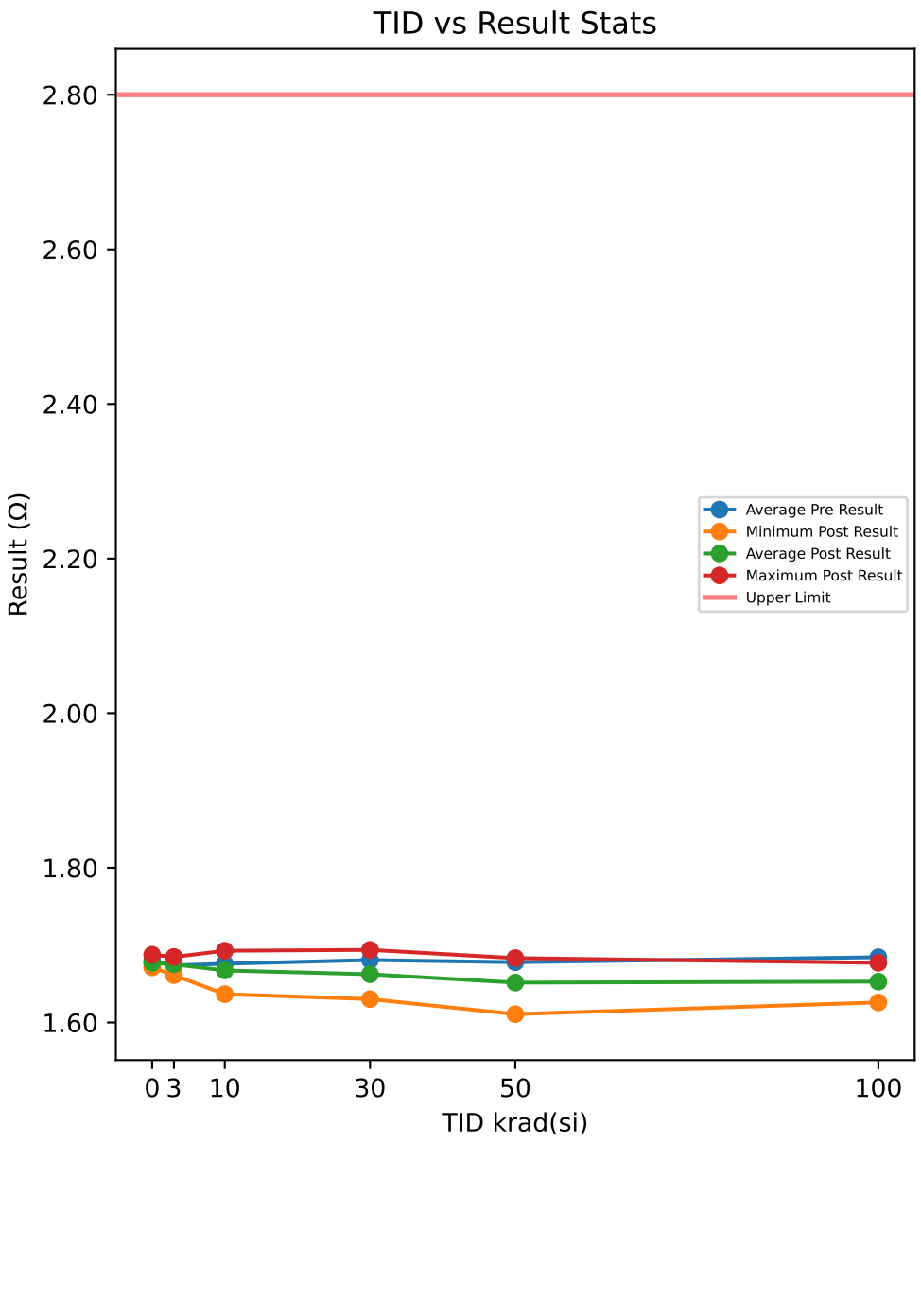
Test Results (Upper Limit = 4.7 (Ω))

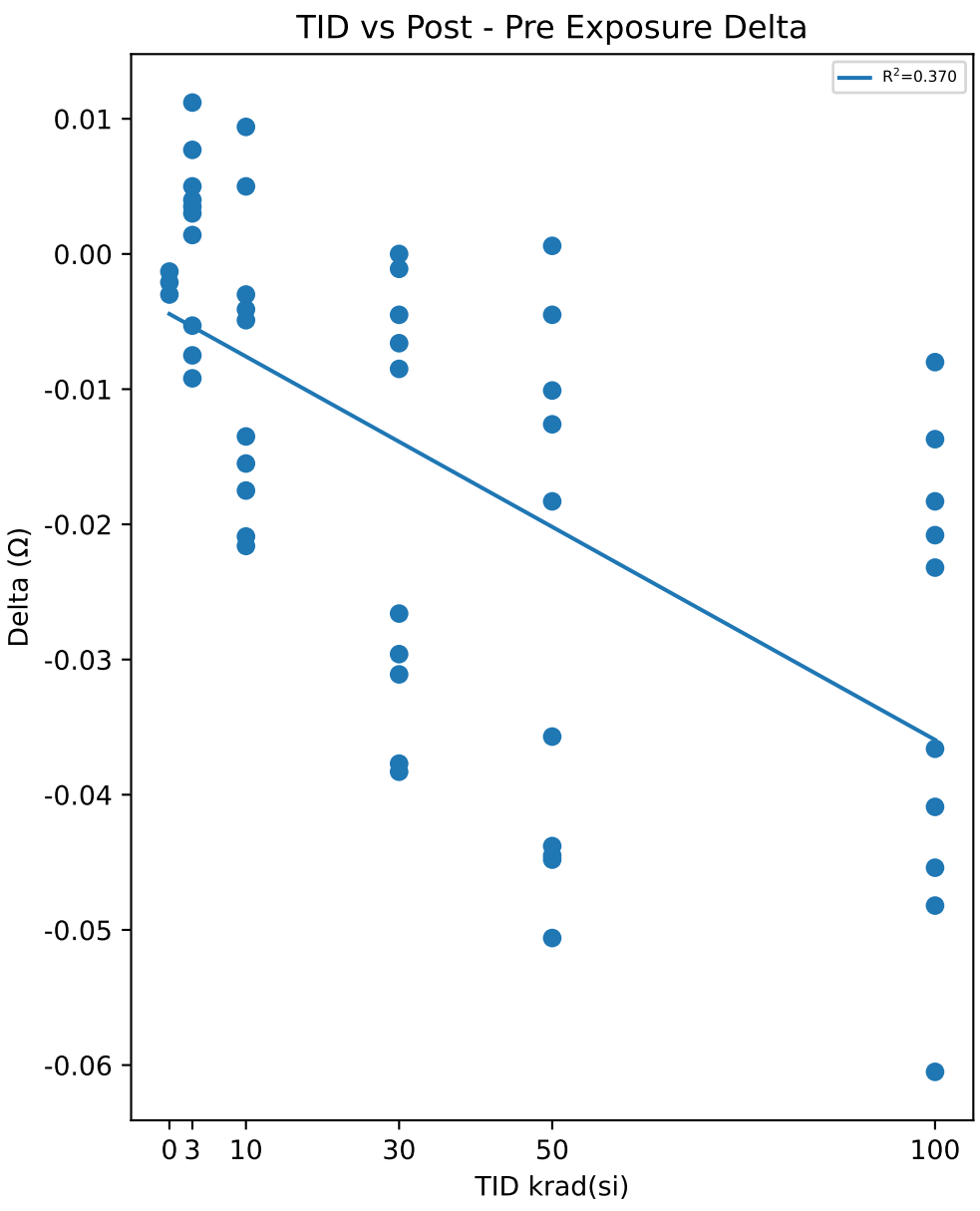
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.774	2.7684	-0.0056
2	3	HDR BIAS	2.7799	2.7745	-0.0054
3	3	HDR BIAS	2.7604	2.766	0.0056
4	3	HDR BIAS	2.7798	2.7792	-0.0006
5	3	HDR BIAS	2.7901	2.7929	0.0028
6	3	HDR UNBIAS	2.7463	2.757	0.0107
7	3	HDR UNBIAS	2.7985	2.7958	-0.0027
8	3	HDR UNBIAS	2.8017	2.8015	-0.0002
9	3	HDR UNBIAS	2.7964	2.806	0.0096
10	3	HDR UNBIAS	2.7947	2.7935	-0.0012
11	10	HDR BIAS	2.803	2.8114	0.0084
12	10	HDR BIAS	2.7951	2.8088	0.0137
13	10	HDR BIAS	2.7775	2.7803	0.0028
14	10	HDR BIAS	2.7938	2.8075	0.0137
15	10	HDR BIAS	2.7792	2.8005	0.0213
16	10	HDR UNBIAS	2.7848	2.7876	0.0028
17	10	HDR UNBIAS	2.8038	2.816	0.0122
18	10	HDR UNBIAS	2.7839	2.8029	0.019
19	10	HDR UNBIAS	2.7822	2.783	0.0008
20	10	HDR UNBIAS	2.8008	2.8127	0.0119
31	30	HDR BIAS	2.8599	2.8857	0.0258
32	30	HDR BIAS	2.8092	2.8367	0.0275
33	30	HDR BIAS	2.7507	2.7861	0.0354
34	30	HDR BIAS	2.7565	2.7777	0.0212
35	30	HDR BIAS	2.7779	2.8061	0.0282
36	30	HDR UNBIAS	2.7738	2.804	0.0302
37	30	HDR UNBIAS	2.7925	2.8114	0.0189
38	30	HDR UNBIAS	2.8011	2.8265	0.0254
39	30	HDR UNBIAS	2.7973	2.8315	0.0342
40	30	HDR UNBIAS	2.8056	2.8238	0.0182
41	50	HDR BIAS	2.7741	2.8175	0.0434
42	50	HDR BIAS	2.7999	2.8415	0.0416
43	50	HDR BIAS	2.7477	2.7781	0.0304
44	50	HDR BIAS	2.799	2.8453	0.0463
45	50	HDR BIAS	2.7901	2.8409	0.0508
46	50	HDR UNBIAS	2.8059	2.8355	0.0296
47	50	HDR UNBIAS	2.7773	2.8136	0.0363
48	50	HDR UNBIAS	2.7771	2.8257	0.0486
49	50	HDR UNBIAS	2.7768	2.8146	0.0378
50	50	HDR UNBIAS	2.768	2.8152	0.0472
51	100	HDR BIAS	2.7426	2.8305	0.0879
52	100	HDR BIAS	2.7633	2.828	0.0647
53	100	HDR BIAS	2.7912	2.8606	0.0694
54	100	HDR BIAS	2.7855	2.8692	0.0837
55	100	HDR BIAS	2.8065	2.8703	0.0638
56	100	HDR UNBIAS	2.7855	2.8471	0.0616
57	100	HDR UNBIAS	2.7864	2.8608	0.0744
58	100	HDR UNBIAS	2.7509	2.81	0.0591
59	100	HDR UNBIAS	2.7745	2.8418	0.0673
60	100	HDR UNBIAS	2.7864	2.862	0.0756
71	0	CORRELATION	2.7691	2.7484	-0.0207
72	0	CORRELATION	2.7793	2.772	-0.0073
73	0	CORRELATION	2.7909	2.7784	-0.0125

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.7691	2.7798	2.7909	0.010907	2.7484	2.7663	2.7784	0.0158	-0.0207	-0.0135	-0.0073	0.0067557
3	2.7463	2.7822	2.8017	0.017977	2.757	2.7835	2.806	0.016686	-0.0056	0.0013	0.0107	0.00576
10	2.7775	2.7904	2.8038	0.010071	2.7803	2.8011	2.816	0.012949	0.0008	0.01066	0.0213	0.0069205
30	2.7507	2.7925	2.8599	0.031085	2.7777	2.819	2.8857	0.030249	0.0182	0.0265	0.0354	0.0058927
50	2.7477	2.7816	2.8059	0.017488	2.7781	2.8228	2.8453	0.01997	0.0296	0.0412	0.0508	0.0074588
100	2.7426	2.7773	2.8065	0.019581	2.81	2.848	2.8703	0.020152	0.0591	0.07075	0.0879	0.0095263

Device Test: 23.6 LEVEL|LS_RDSON/OUTL/4.5/4.5/100/0/4.5/500kHz//@ROL





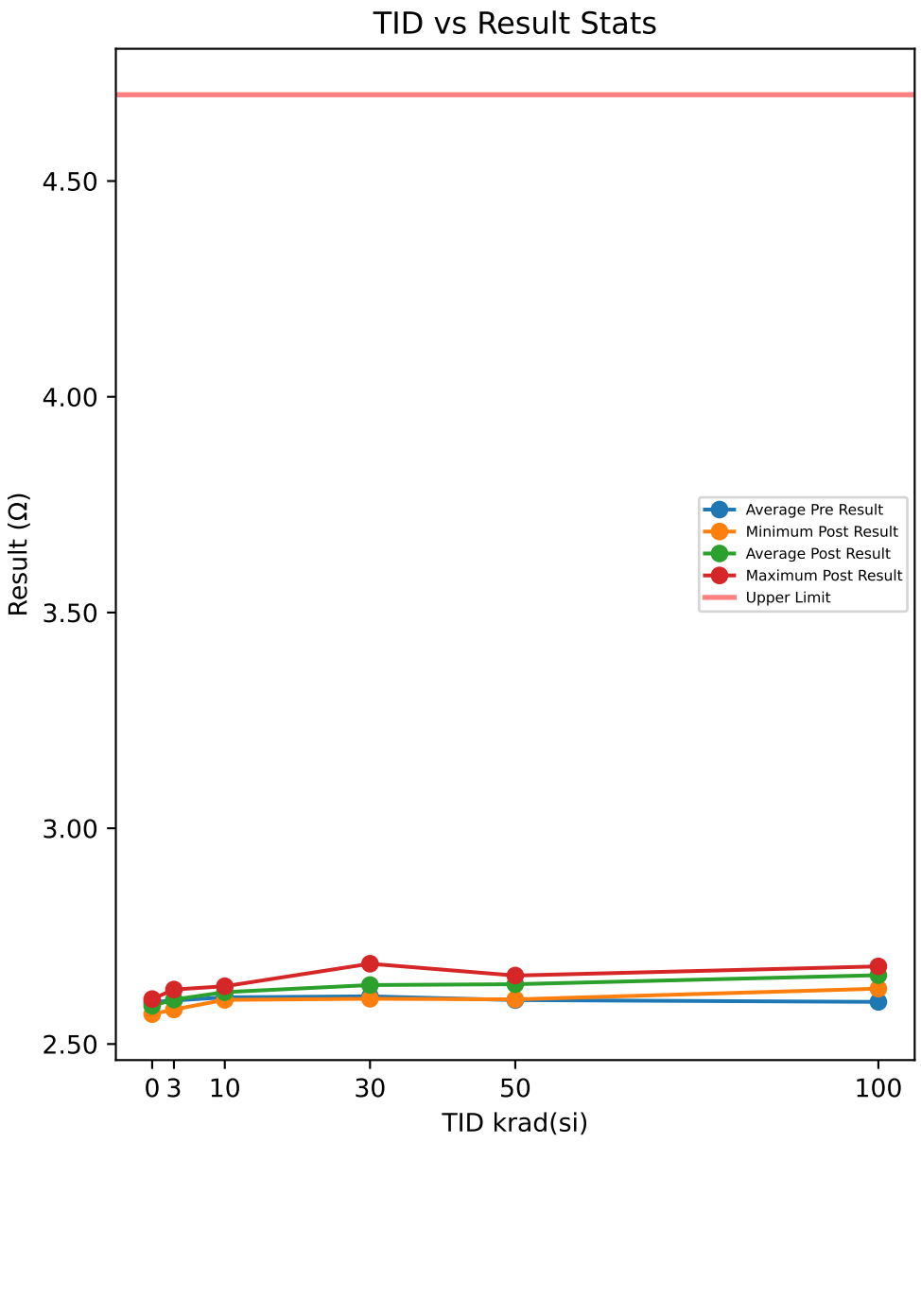
Test Results (Upper Limit = 2.8 (Ω))

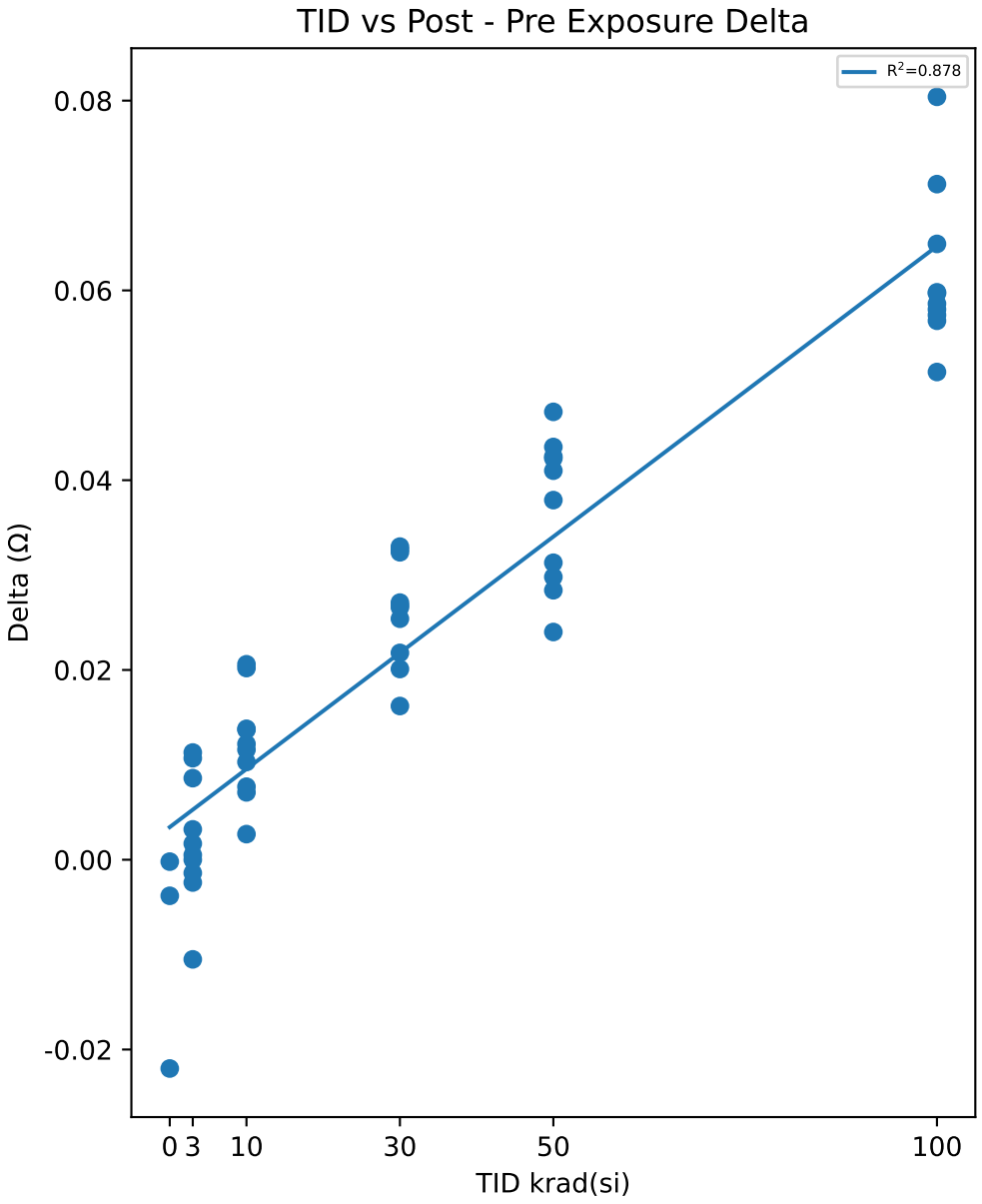
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.6807	1.6842	0.0035
2	3	HDR BIAS	1.6677	1.6624	-0.0053
3	3	HDR BIAS	1.6874	1.6799	-0.0075
4	3	HDR BIAS	1.6834	1.6848	0.0014
5	3	HDR BIAS	1.6843	1.6751	-0.0092
6	3	HDR UNBIAS	1.6562	1.6612	0.005
7	3	HDR UNBIAS	1.6667	1.6779	0.0112
8	3	HDR UNBIAS	1.671	1.674	0.003
9	3	HDR UNBIAS	1.6732	1.6772	0.004
10	3	HDR UNBIAS	1.6674	1.6751	0.0077
11	10	HDR BIAS	1.6756	1.6581	-0.0175
12	10	HDR BIAS	1.6671	1.6516	-0.0155
13	10	HDR BIAS	1.6595	1.646	-0.0135
14	10	HDR BIAS	1.6888	1.6679	-0.0209
15	10	HDR BIAS	1.6582	1.6366	-0.0216
16	10	HDR UNBIAS	1.6763	1.6813	0.005
17	10	HDR UNBIAS	1.6781	1.6751	-0.003
18	10	HDR UNBIAS	1.691	1.6861	-0.0049
19	10	HDR UNBIAS	1.6834	1.6928	0.0094
20	10	HDR UNBIAS	1.6818	1.6777	-0.0041
31	30	HDR BIAS	1.6843	1.6577	-0.0266
32	30	HDR BIAS	1.6825	1.6442	-0.0383
33	30	HDR BIAS	1.6679	1.6302	-0.0377
34	30	HDR BIAS	1.6878	1.6567	-0.0311
35	30	HDR BIAS	1.6728	1.6432	-0.0296
36	30	HDR UNBIAS	1.6696	1.663	-0.0066
37	30	HDR UNBIAS	1.695	1.6939	-0.0011
38	30	HDR UNBIAS	1.6957	1.6912	-0.0045
39	30	HDR UNBIAS	1.6778	1.6693	-0.0085
40	30	HDR UNBIAS	1.6744	1.6744	0
41	50	HDR BIAS	1.6761	1.6255	-0.0506
42	50	HDR BIAS	1.699	1.6542	-0.0448
43	50	HDR BIAS	1.6465	1.6108	-0.0357
44	50	HDR BIAS	1.6771	1.6326	-0.0445
45	50	HDR BIAS	1.6741	1.6303	-0.0438
46	50	HDR UNBIAS	1.679	1.6745	-0.0045
47	50	HDR UNBIAS	1.6701	1.6575	-0.0126
48	50	HDR UNBIAS	1.6981	1.6798	-0.0183
49	50	HDR UNBIAS	1.6827	1.6833	0.0006
50	50	HDR UNBIAS	1.6772	1.6671	-0.0101
51	100	HDR BIAS	1.6898	1.6416	-0.0482
52	100	HDR BIAS	1.6772	1.6363	-0.0409
53	100	HDR BIAS	1.6895	1.6441	-0.0454
54	100	HDR BIAS	1.6864	1.6259	-0.0605
55	100	HDR BIAS	1.6809	1.6443	-0.0366
56	100	HDR UNBIAS	1.6825	1.6617	-0.0208
57	100	HDR UNBIAS	1.6909	1.6772	-0.0137
58	100	HDR UNBIAS	1.6693	1.6613	-0.008
59	100	HDR UNBIAS	1.6818	1.6635	-0.0183
60	100	HDR UNBIAS	1.6959	1.6727	-0.0232
71	0	CORRELATION	1.6897	1.6876	-0.0021
72	0	CORRELATION	1.6743	1.6713	-0.003
73	0	CORRELATION	1.6739	1.6726	-0.0013

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.6739	1.6793	1.6897	0.0090089	1.6713	1.6772	1.6876	0.0090589	-0.003	-0.0021333	-0.0013	0.00085049
3	1.6562	1.6738	1.6874	0.0098968	1.6612	1.6752	1.6848	0.0079431	-0.0092	0.00138	0.0112	0.0066573
10	1.6582	1.676	1.691	0.011305	1.6366	1.6673	1.6928	0.018548	-0.0216	-0.00866	0.0094	0.010777
30	1.6679	1.6808	1.6957	0.0099644	1.6302	1.6624	1.6939	0.020561	-0.0383	-0.0184	0	0.015602
50	1.6465	1.678	1.699	0.014693	1.6108	1.6516	1.6833	0.025313	-0.0506	-0.02643	0.0006	0.019355
100	1.6693	1.6844	1.6959	0.0077182	1.6259	1.6529	1.6772	0.016755	-0.0605	-0.03156	-0.008	0.017173

Device Test: 23.7 LEVEL|HS_RDSON/OUTH/5/5/100/0/5/500kHz//@ROH





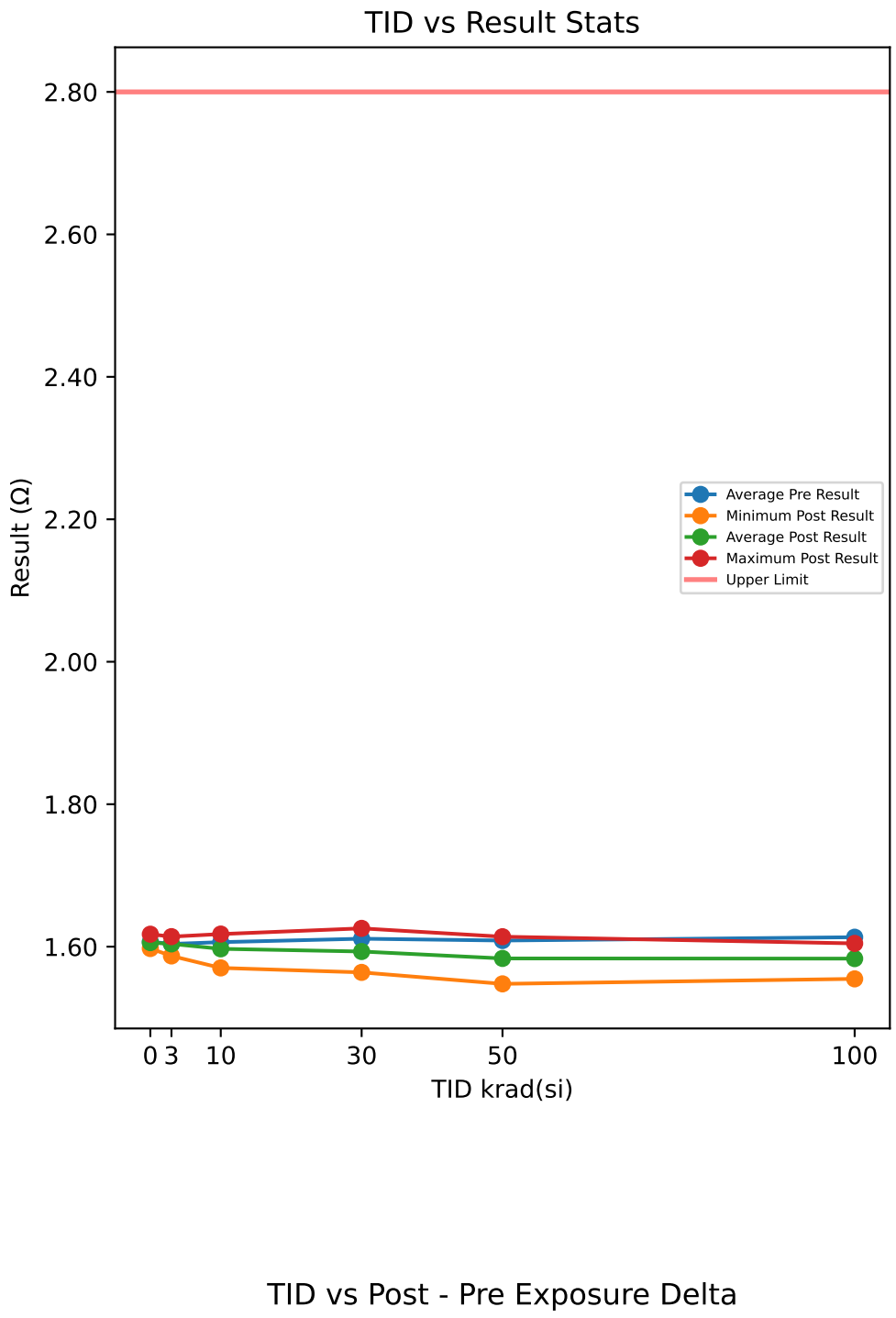
Test Results (Upper Limit = 4.7 (Ω))

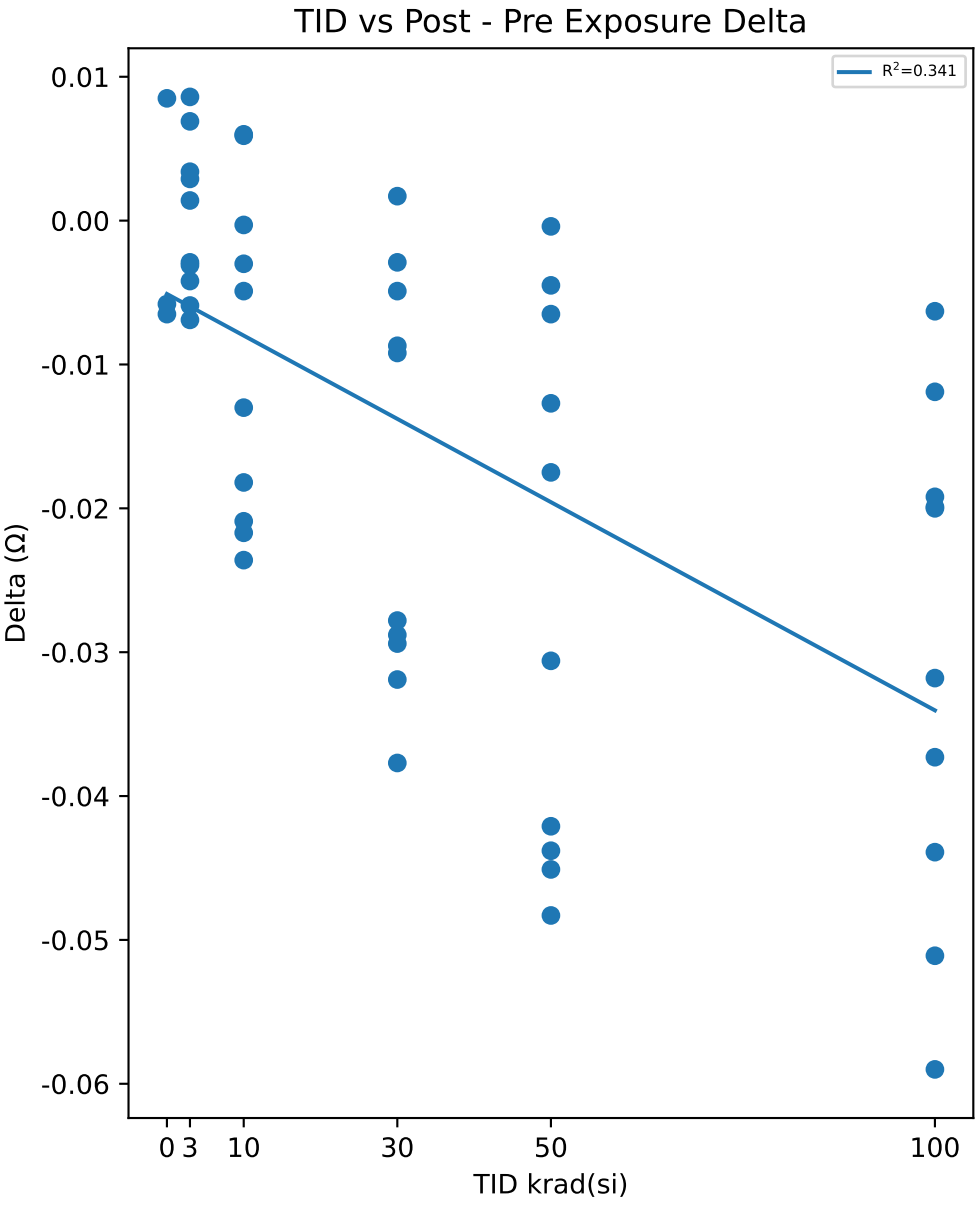
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.5947	2.5842	-0.0105
2	3	HDR BIAS	2.5987	2.5963	-0.0024
3	3	HDR BIAS	2.581	2.5896	0.0086
4	3	HDR BIAS	2.5959	2.5964	0.0005
5	3	HDR BIAS	2.6123	2.614	0.0017
6	3	HDR UNBIAS	2.5694	2.5801	0.0107
7	3	HDR UNBIAS	2.6141	2.6141	0
8	3	HDR UNBIAS	2.6177	2.6209	0.0032
9	3	HDR UNBIAS	2.615	2.6263	0.0113
10	3	HDR UNBIAS	2.6098	2.6084	-0.0014
11	10	HDR BIAS	2.6161	2.6299	0.0138
12	10	HDR BIAS	2.6156	2.6293	0.0137
13	10	HDR BIAS	2.5946	2.6023	0.0077
14	10	HDR BIAS	2.6146	2.6249	0.0103
15	10	HDR BIAS	2.5998	2.62	0.0202
16	10	HDR UNBIAS	2.6017	2.6088	0.0071
17	10	HDR UNBIAS	2.6217	2.6339	0.0122
18	10	HDR UNBIAS	2.6	2.6206	0.0206
19	10	HDR UNBIAS	2.6007	2.6034	0.0027
20	10	HDR UNBIAS	2.6177	2.6293	0.0116
31	30	HDR BIAS	2.6643	2.6861	0.0218
32	30	HDR BIAS	2.6221	2.6548	0.0327
33	30	HDR BIAS	2.5779	2.6103	0.0324
34	30	HDR BIAS	2.5795	2.6049	0.0254
35	30	HDR BIAS	2.5978	2.6246	0.0268
36	30	HDR UNBIAS	2.5975	2.6241	0.0266
37	30	HDR UNBIAS	2.6084	2.6285	0.0201
38	30	HDR UNBIAS	2.6193	2.6464	0.0271
39	30	HDR UNBIAS	2.6139	2.6469	0.033
40	30	HDR UNBIAS	2.6241	2.6403	0.0162
41	50	HDR BIAS	2.5947	2.6382	0.0435
42	50	HDR BIAS	2.6146	2.6569	0.0423
43	50	HDR BIAS	2.5795	2.6035	0.024
44	50	HDR BIAS	2.6162	2.6587	0.0425
45	50	HDR BIAS	2.6069	2.6541	0.0472
46	50	HDR UNBIAS	2.6201	2.6485	0.0284
47	50	HDR UNBIAS	2.6007	2.6305	0.0298
48	50	HDR UNBIAS	2.5984	2.6363	0.0379
49	50	HDR UNBIAS	2.5959	2.6272	0.0313
50	50	HDR UNBIAS	2.5915	2.6325	0.041
51	100	HDR BIAS	2.5693	2.6497	0.0804
52	100	HDR BIAS	2.5856	2.6442	0.0586
53	100	HDR BIAS	2.6089	2.6687	0.0598
54	100	HDR BIAS	2.6018	2.673	0.0712
55	100	HDR BIAS	2.6202	2.6799	0.0597
56	100	HDR UNBIAS	2.6019	2.6587	0.0568
57	100	HDR UNBIAS	2.6106	2.668	0.0574
58	100	HDR UNBIAS	2.5769	2.6283	0.0514
59	100	HDR UNBIAS	2.5968	2.6548	0.058
60	100	HDR UNBIAS	2.6049	2.6698	0.0649
71	0	CORRELATION	2.5913	2.5693	-0.022
72	0	CORRELATION	2.5962	2.5924	-0.0038
73	0	CORRELATION	2.6044	2.6042	-0.0002

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.5913	2.5973	2.6044	0.0066189	2.5693	2.5886	2.6042	0.017752	-0.022	-0.0086667	-0.0002	0.011686
3	2.5694	2.6009	2.6177	0.016059	2.5801	2.603	2.6263	0.015925	-0.0105	0.00217	0.0113	0.00667
10	2.5946	2.6082	2.6217	0.0097289	2.6023	2.6202	2.6339	0.011558	0.0027	0.01199	0.0206	0.0055718
30	2.5779	2.6105	2.6643	0.025081	2.6049	2.6367	2.6861	0.02371	0.0162	0.02621	0.033	0.0056319
50	2.5795	2.6018	2.6201	0.01262	2.6035	2.6386	2.6587	0.016824	0.024	0.03679	0.0472	0.0078052
100	2.5693	2.5977	2.6202	0.015884	2.6283	2.6595	2.6799	0.015591	0.0514	0.06182	0.0804	0.0083635

Device Test: 23.8 LEVEL|LS_RDSON/OUTL/5/5/100/0/5/500kHz//@ROL





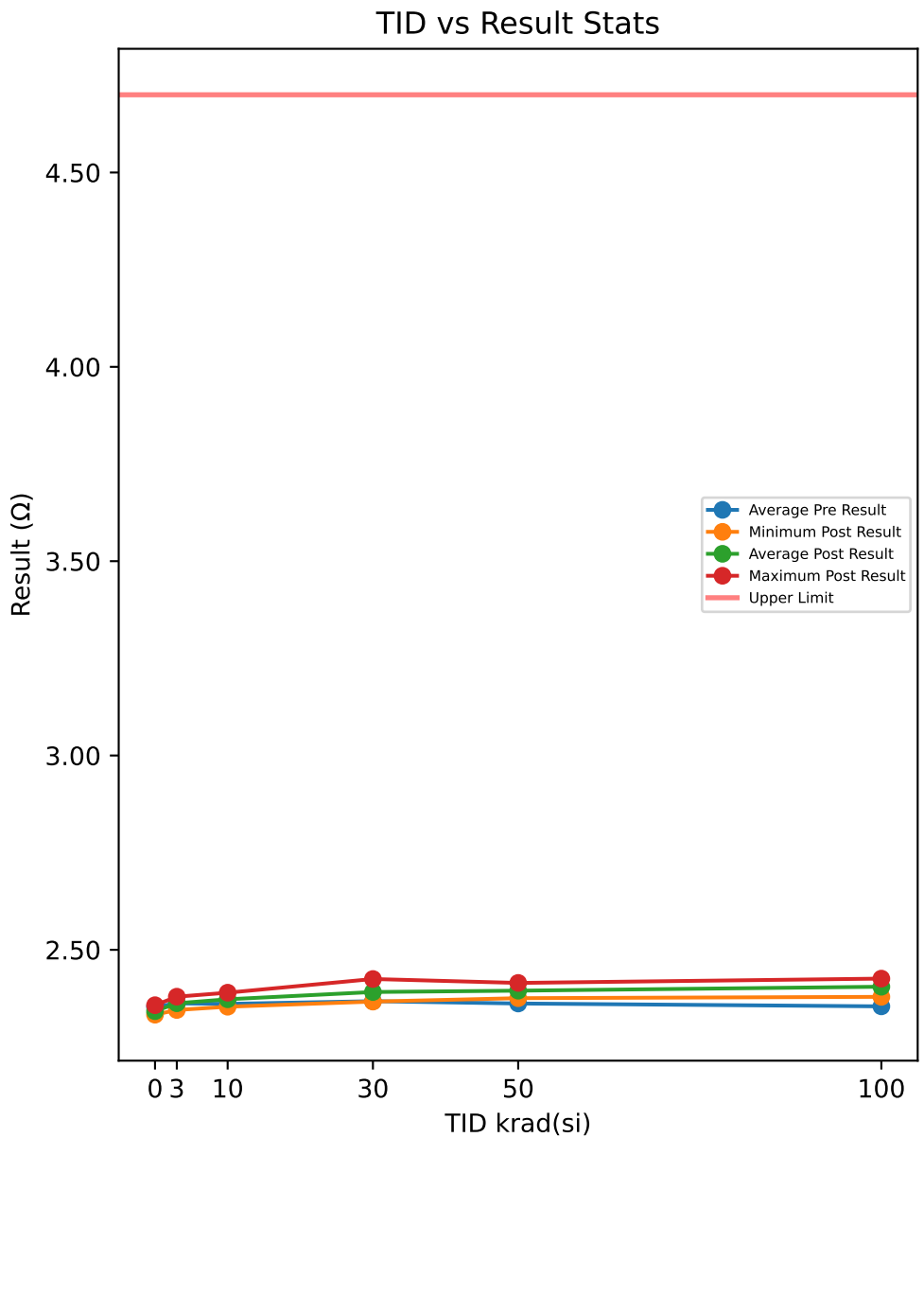
Test Results (Upper Limit = 2.8 (Ω))

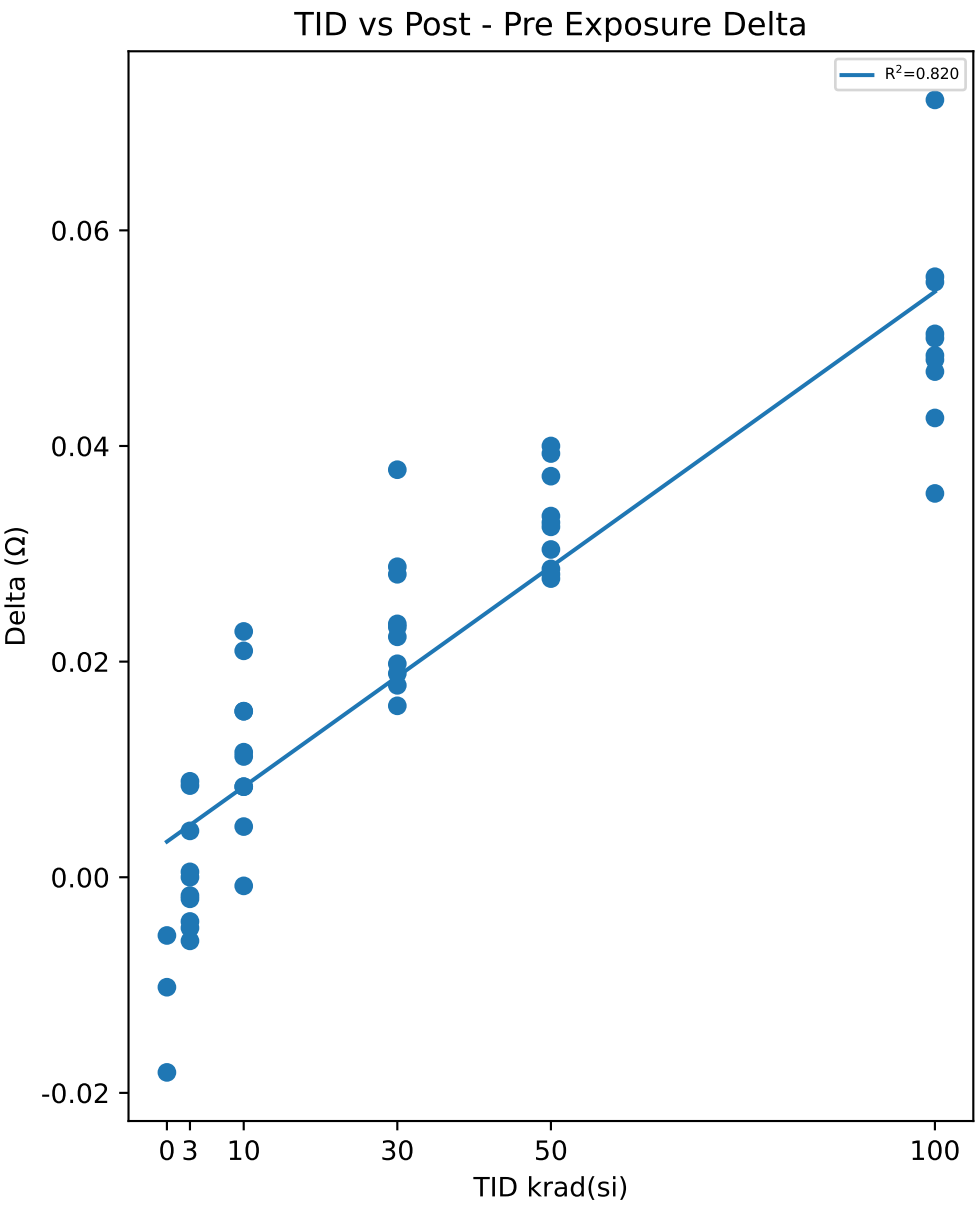
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.6117	1.6131	0.0014
2	3	HDR BIAS	1.5959	1.589	-0.0069
3	3	HDR BIAS	1.614	1.6081	-0.0059
4	3	HDR BIAS	1.6107	1.6141	0.0034
5	3	HDR BIAS	1.6089	1.606	-0.0029
6	3	HDR UNBIAS	1.5901	1.587	-0.0031
7	3	HDR UNBIAS	1.5993	1.6079	0.0086
8	3	HDR UNBIAS	1.6056	1.6014	-0.0042
9	3	HDR UNBIAS	1.6042	1.6071	0.0029
10	3	HDR UNBIAS	1.5985	1.6054	0.0069
11	10	HDR BIAS	1.6073	1.5864	-0.0209
12	10	HDR BIAS	1.6007	1.5825	-0.0182
13	10	HDR BIAS	1.5908	1.5778	-0.013
14	10	HDR BIAS	1.6198	1.5962	-0.0236
15	10	HDR BIAS	1.5919	1.5702	-0.0217
16	10	HDR UNBIAS	1.6065	1.6125	0.006
17	10	HDR UNBIAS	1.6055	1.6052	-0.0003
18	10	HDR UNBIAS	1.6211	1.6162	-0.0049
19	10	HDR UNBIAS	1.6118	1.6177	0.0059
20	10	HDR UNBIAS	1.6082	1.6052	-0.003
31	30	HDR BIAS	1.6188	1.5894	-0.0294
32	30	HDR BIAS	1.6064	1.5786	-0.0278
33	30	HDR BIAS	1.6016	1.5639	-0.0377
34	30	HDR BIAS	1.6162	1.5843	-0.0319
35	30	HDR BIAS	1.6029	1.5741	-0.0288
36	30	HDR UNBIAS	1.6017	1.593	-0.0087
37	30	HDR UNBIAS	1.6286	1.6257	-0.0029
38	30	HDR UNBIAS	1.6215	1.6166	-0.0049
39	30	HDR UNBIAS	1.6078	1.5986	-0.0092
40	30	HDR UNBIAS	1.6063	1.608	0.0017
41	50	HDR BIAS	1.6084	1.5601	-0.0483
42	50	HDR BIAS	1.6292	1.5841	-0.0451
43	50	HDR BIAS	1.5784	1.5478	-0.0306
44	50	HDR BIAS	1.609	1.5652	-0.0438
45	50	HDR BIAS	1.6049	1.5628	-0.0421
46	50	HDR UNBIAS	1.6108	1.6063	-0.0045
47	50	HDR UNBIAS	1.5966	1.5839	-0.0127
48	50	HDR UNBIAS	1.6274	1.6099	-0.0175
49	50	HDR UNBIAS	1.6144	1.614	-0.0004
50	50	HDR UNBIAS	1.6073	1.6008	-0.0065
51	100	HDR BIAS	1.6183	1.5672	-0.0511
52	100	HDR BIAS	1.6064	1.5691	-0.0373
53	100	HDR BIAS	1.6198	1.5759	-0.0439
54	100	HDR BIAS	1.6138	1.5548	-0.059
55	100	HDR BIAS	1.609	1.5772	-0.0318
56	100	HDR UNBIAS	1.6126	1.5927	-0.0199
57	100	HDR UNBIAS	1.6165	1.6046	-0.0119
58	100	HDR UNBIAS	1.602	1.5957	-0.0063
59	100	HDR UNBIAS	1.6135	1.5935	-0.02
60	100	HDR UNBIAS	1.6209	1.6017	-0.0192
71	0	CORRELATION	1.609	1.6175	0.0085
72	0	CORRELATION	1.608	1.6022	-0.0058
73	0	CORRELATION	1.6039	1.5974	-0.0065

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.6039	1.607	1.609	0.0027025	1.5974	1.6057	1.6175	0.010497	-0.0065	-0.0012667	0.0085	0.0084654
3	1.5901	1.6039	1.614	0.0077591	1.587	1.6039	1.6141	0.0091475	-0.0069	2e-05	0.0086	0.0053911
10	1.5908	1.6064	1.6211	0.010087	1.5702	1.597	1.6177	0.016938	-0.0236	-0.00937	0.006	0.011503
30	1.6016	1.6112	1.6286	0.009437	1.5639	1.5932	1.6257	0.019385	-0.0377	-0.01796	0.0017	0.014436
50	1.5784	1.6086	1.6292	0.014483	1.5478	1.5835	1.614	0.023646	-0.0483	-0.02515	-0.0004	0.018853
100	1.602	1.6133	1.6209	0.0060536	1.5548	1.5832	1.6046	0.016678	-0.059	-0.03004	-0.0063	0.017461

Device Test: 23.9 LEVEL|HS_RDSON/OUTH/12/12/100/0/5/500kHz//@ROH





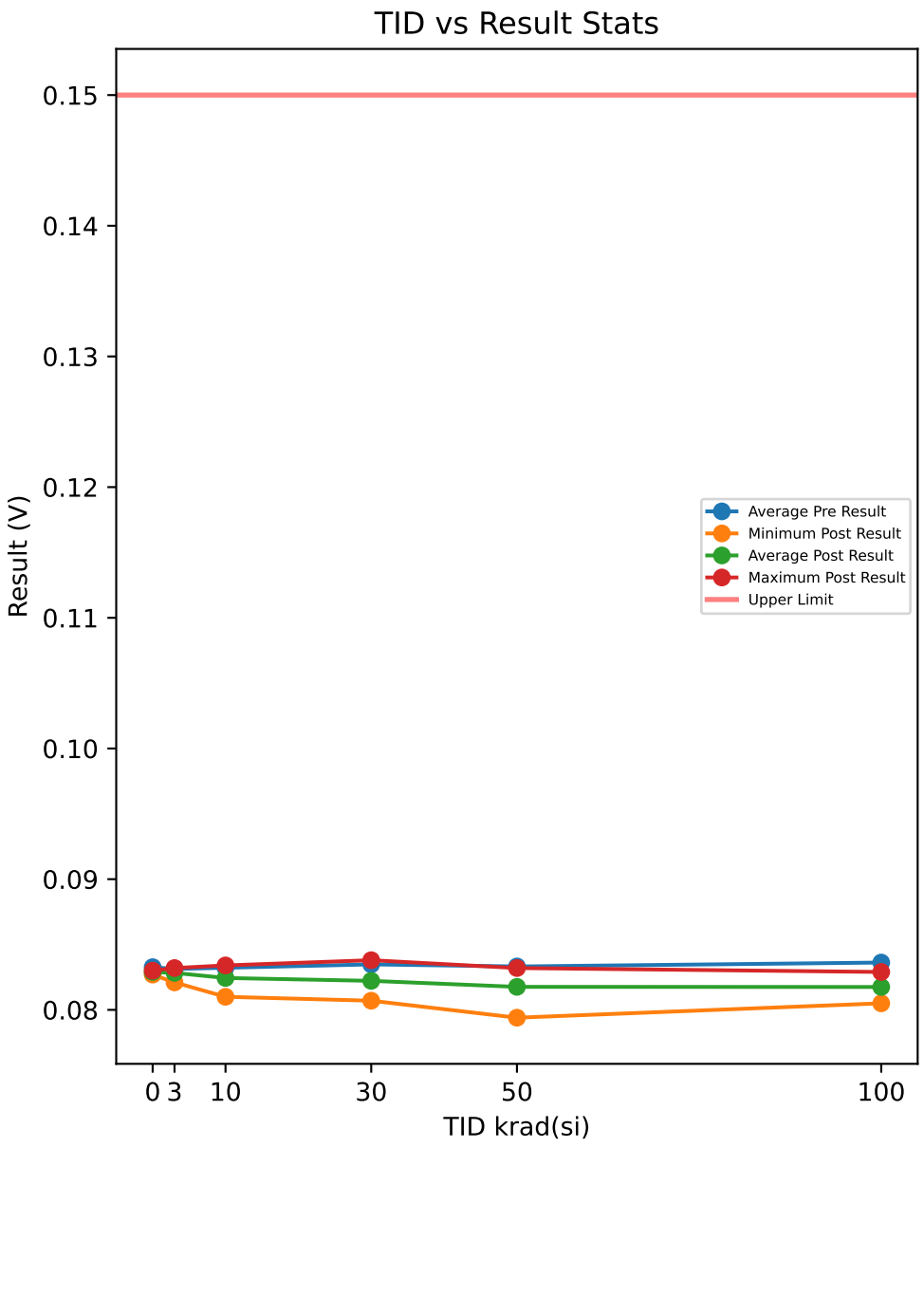
Test Results (Upper Limit = 4.7 (Ω))

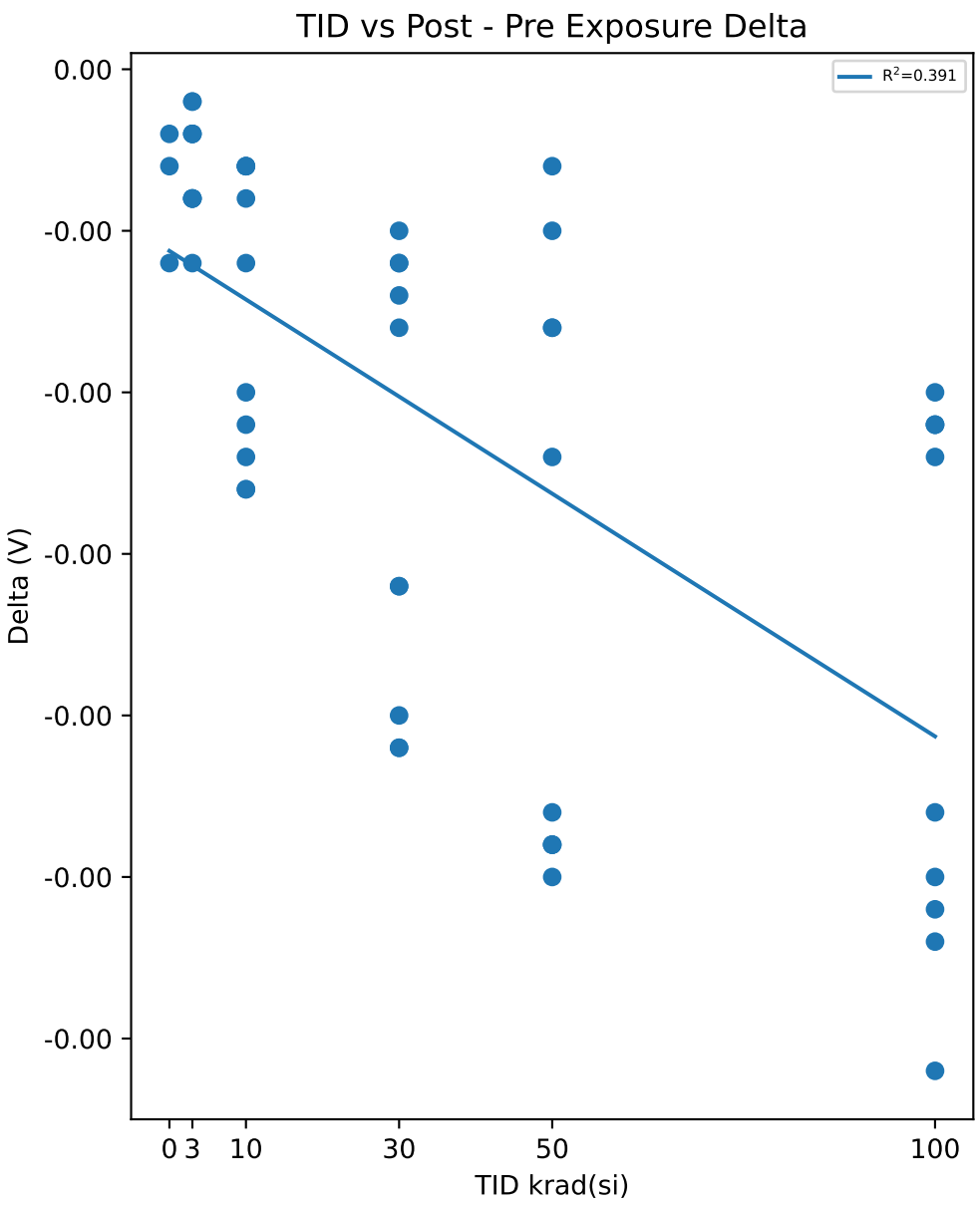
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2.3469	2.3452	-0.0017
2	3	HDR BIAS	2.3543	2.3548	0.0005
3	3	HDR BIAS	2.337	2.3459	0.0089
4	3	HDR BIAS	2.3714	2.3694	-0.002
5	3	HDR BIAS	2.3744	2.3685	-0.0059
6	3	HDR UNBIAS	2.3478	2.3563	0.0085
7	3	HDR UNBIAS	2.3752	2.3711	-0.0041
8	3	HDR UNBIAS	2.3685	2.3685	0
9	3	HDR UNBIAS	2.3751	2.3794	0.0043
10	3	HDR UNBIAS	2.3707	2.366	-0.0047
11	10	HDR BIAS	2.3743	2.3855	0.0112
12	10	HDR BIAS	2.3531	2.3759	0.0228
13	10	HDR BIAS	2.355	2.3542	-0.0008
14	10	HDR BIAS	2.3743	2.3897	0.0154
15	10	HDR BIAS	2.3672	2.3882	0.021
16	10	HDR UNBIAS	2.3452	2.3536	0.0084
17	10	HDR UNBIAS	2.3735	2.3889	0.0154
18	10	HDR UNBIAS	2.3461	2.3545	0.0084
19	10	HDR UNBIAS	2.3602	2.3649	0.0047
20	10	HDR UNBIAS	2.3605	2.3721	0.0116
31	30	HDR BIAS	2.406	2.4249	0.0189
32	30	HDR BIAS	2.3868	2.4066	0.0198
33	30	HDR BIAS	2.3345	2.3723	0.0378
34	30	HDR BIAS	2.3433	2.3668	0.0235
35	30	HDR BIAS	2.3623	2.3855	0.0232
36	30	HDR UNBIAS	2.3594	2.3875	0.0281
37	30	HDR UNBIAS	2.3576	2.3735	0.0159
38	30	HDR UNBIAS	2.3807	2.403	0.0223
39	30	HDR UNBIAS	2.3709	2.3997	0.0288
40	30	HDR UNBIAS	2.3771	2.3949	0.0178
41	50	HDR BIAS	2.3711	2.3988	0.0277
42	50	HDR BIAS	2.3748	2.4148	0.04
43	50	HDR BIAS	2.3452	2.3756	0.0304
44	50	HDR BIAS	2.372	2.4092	0.0372
45	50	HDR BIAS	2.3637	2.3972	0.0335
46	50	HDR UNBIAS	2.3805	2.4091	0.0286
47	50	HDR UNBIAS	2.3572	2.3853	0.0281
48	50	HDR UNBIAS	2.3576	2.3901	0.0325
49	50	HDR UNBIAS	2.3442	2.3771	0.0329
50	50	HDR UNBIAS	2.3525	2.3918	0.0393
51	100	HDR BIAS	2.3373	2.4094	0.0721
52	100	HDR BIAS	2.3433	2.3917	0.0484
53	100	HDR BIAS	2.364	2.412	0.048
54	100	HDR BIAS	2.3618	2.4175	0.0557
55	100	HDR BIAS	2.3707	2.4259	0.0552
56	100	HDR UNBIAS	2.3621	2.4047	0.0426
57	100	HDR UNBIAS	2.362	2.4089	0.0469
58	100	HDR UNBIAS	2.3434	2.379	0.0356
59	100	HDR UNBIAS	2.346	2.396	0.05
60	100	HDR UNBIAS	2.3548	2.4052	0.0504
71	0	CORRELATION	2.3512	2.3331	-0.0181
72	0	CORRELATION	2.3412	2.3358	-0.0054
73	0	CORRELATION	2.3677	2.3575	-0.0102

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.3412	2.3534	2.3677	0.013382	2.3331	2.3421	2.3575	0.013376	-0.0181	-0.011233	-0.0054	0.0064127
3	2.337	2.3621	2.3752	0.014219	2.3452	2.3625	2.3794	0.011373	-0.0059	0.00038	0.0089	0.0052637
10	2.3452	2.3609	2.3743	0.011152	2.3536	2.3727	2.3897	0.015148	-0.0008	0.01181	0.0228	0.0071821
30	2.3345	2.3679	2.406	0.021073	2.3668	2.3915	2.4249	0.017979	0.0159	0.02361	0.0378	0.0065
50	2.3442	2.3619	2.3805	0.012576	2.3756	2.3949	2.4148	0.013486	0.0277	0.03302	0.04	0.0045345
100	2.3373	2.3545	2.3707	0.011239	2.379	2.405	2.4259	0.013378	0.0356	0.05049	0.0721	0.0095684

Device Test: 24.1 LEVEL|LOW_LEVEL/OUTL/4.5/4.5/0/0/4.5/500kHz//@OUT_VOL





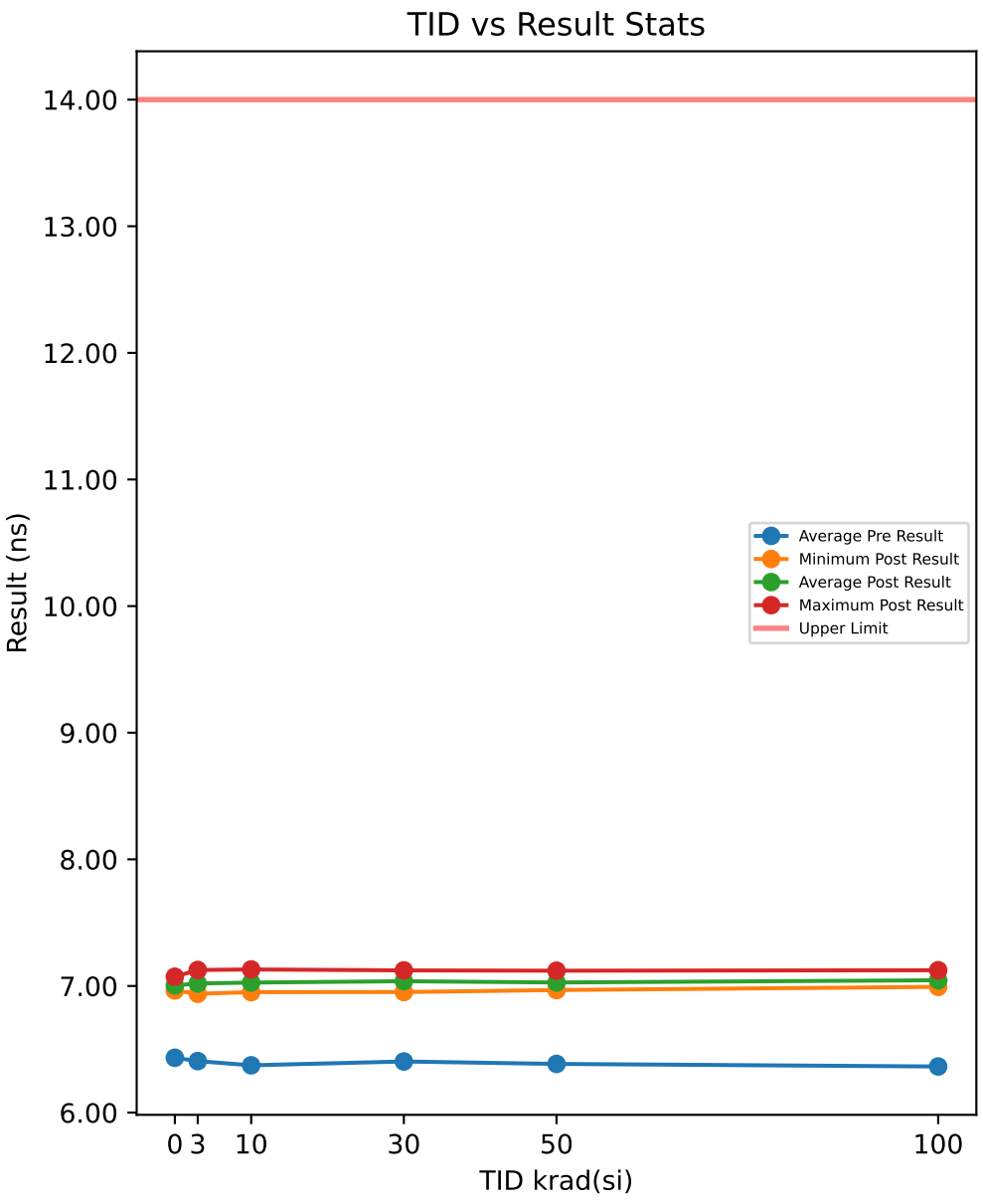
Test Results (Upper Limit = 0.15 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.0834	0.083	-0.0004
2	3	HDR BIAS	0.0829	0.0825	-0.0004
3	3	HDR BIAS	0.0837	0.0831	-0.0006
4	3	HDR BIAS	0.0835	0.0831	-0.0004
5	3	HDR BIAS	0.0836	0.0832	-0.0004
6	3	HDR UNBIAS	0.0823	0.0821	-0.0002
7	3	HDR UNBIAS	0.0827	0.0826	-0.0001
8	3	HDR UNBIAS	0.0831	0.083	-0.0001
9	3	HDR UNBIAS	0.0833	0.0831	-0.0002
10	3	HDR UNBIAS	0.0828	0.0826	-0.0002
11	10	HDR BIAS	0.0833	0.0821	-0.0012
12	10	HDR BIAS	0.0829	0.0818	-0.0011
13	10	HDR BIAS	0.0823	0.081	-0.0013
14	10	HDR BIAS	0.0838	0.0828	-0.001
15	10	HDR BIAS	0.0823	0.081	-0.0013
16	10	HDR UNBIAS	0.0831	0.0828	-0.0003
17	10	HDR UNBIAS	0.0834	0.0831	-0.0003
18	10	HDR UNBIAS	0.084	0.0834	-0.0006
19	10	HDR UNBIAS	0.0836	0.0832	-0.0004
20	10	HDR UNBIAS	0.0835	0.0832	-0.0003
31	30	HDR BIAS	0.0838	0.0818	-0.002
32	30	HDR BIAS	0.0834	0.0818	-0.0016
33	30	HDR BIAS	0.0828	0.0807	-0.0021
34	30	HDR BIAS	0.0838	0.0817	-0.0021
35	30	HDR BIAS	0.0831	0.0815	-0.0016
36	30	HDR UNBIAS	0.083	0.0824	-0.0006
37	30	HDR UNBIAS	0.0842	0.0834	-0.0008
38	30	HDR UNBIAS	0.0843	0.0838	-0.0005
39	30	HDR UNBIAS	0.0833	0.0826	-0.0007
40	30	HDR UNBIAS	0.0831	0.0825	-0.0006
41	50	HDR BIAS	0.0833	0.0808	-0.0025
42	50	HDR BIAS	0.0843	0.0819	-0.0024
43	50	HDR BIAS	0.0817	0.0794	-0.0023
44	50	HDR BIAS	0.0834	0.081	-0.0024
45	50	HDR BIAS	0.0831	0.0807	-0.0024
46	50	HDR UNBIAS	0.0833	0.0825	-0.0008
47	50	HDR UNBIAS	0.0829	0.0821	-0.0008
48	50	HDR UNBIAS	0.0844	0.0832	-0.0012
49	50	HDR UNBIAS	0.0835	0.083	-0.0005
50	50	HDR UNBIAS	0.0833	0.083	-0.0003
51	100	HDR BIAS	0.084	0.0814	-0.0026
52	100	HDR BIAS	0.0832	0.0805	-0.0027
53	100	HDR BIAS	0.0839	0.0816	-0.0023
54	100	HDR BIAS	0.0836	0.0805	-0.0031
55	100	HDR BIAS	0.0834	0.0809	-0.0025
56	100	HDR UNBIAS	0.0836	0.0825	-0.0011
57	100	HDR UNBIAS	0.0839	0.0829	-0.001
58	100	HDR UNBIAS	0.083	0.0819	-0.0011
59	100	HDR UNBIAS	0.0836	0.0825	-0.0011
60	100	HDR UNBIAS	0.084	0.0828	-0.0012
71	0	CORRELATION	0.0836	0.083	-0.0006
72	0	CORRELATION	0.0832	0.083	-0.0002
73	0	CORRELATION	0.083	0.0827	-0.0003

Test Statistics (V)

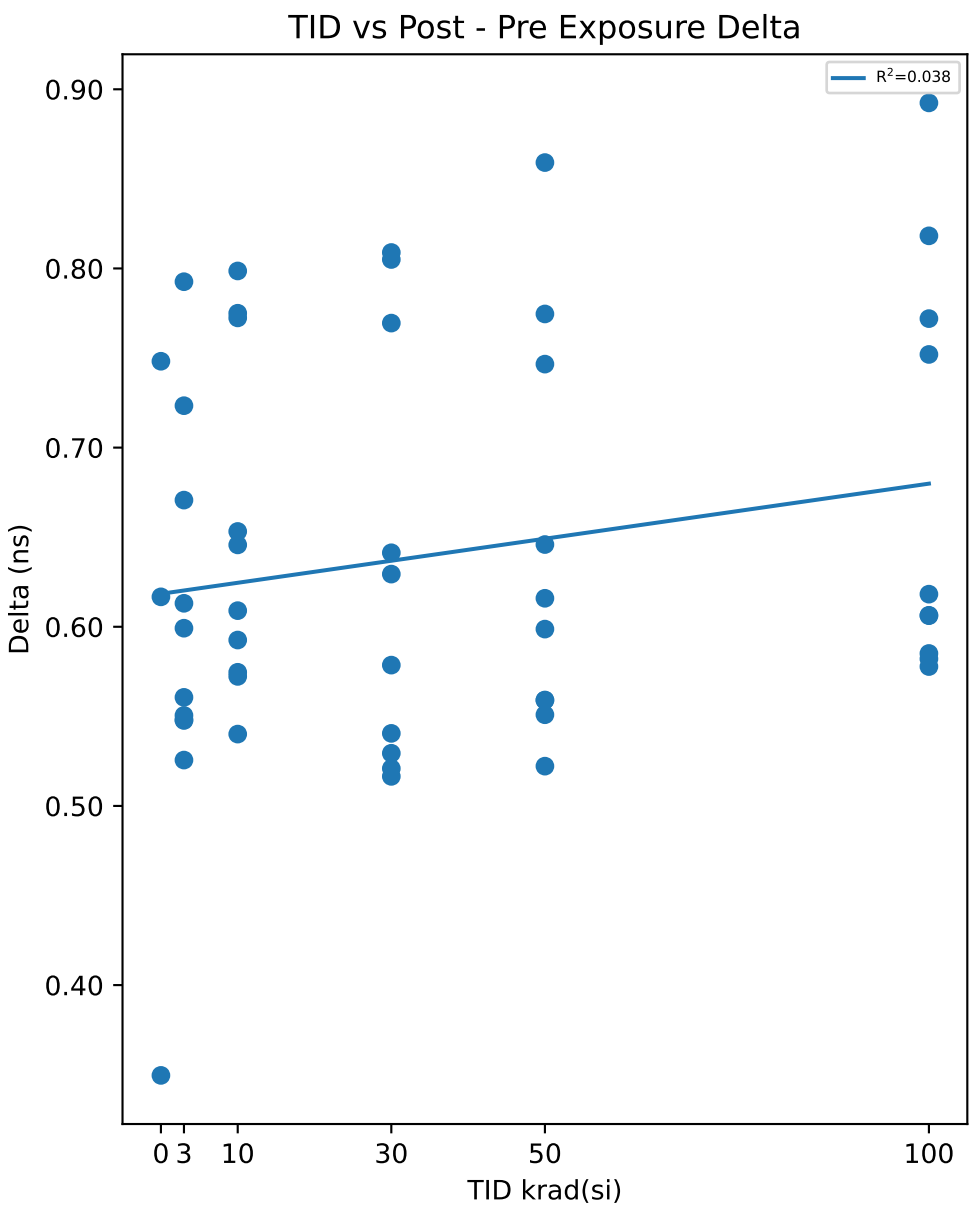
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.083	0.083267	0.0836	0.00030551	0.0827	0.0829	0.083	0.00017321	-0.0006	-0.00036667	-0.0002	0.00020817
3	0.0823	0.08313	0.0837	0.00044981	0.0821	0.08283	0.0832	0.00035917	-0.0006	-0.0003	-0.0001	0.0001633
10	0.0823	0.08322	0.084	0.00057889	0.081	0.08244	0.0834	0.00090946	-0.0013	-0.00078	-0.0003	0.00043919
30	0.0828	0.08348	0.0843	0.00051812	0.0807	0.08222	0.0838	0.00091869	-0.0021	-0.00126	-0.0005	0.0006802
50	0.0817	0.08332	0.0844	0.00074655	0.0794	0.08176	0.0832	0.0012483	-0.0025	-0.00156	-0.0003	0.00091554
100	0.083	0.08362	0.084	0.00034254	0.0805	0.08175	0.0829	0.00091682	-0.0031	-0.00187	-0.001	0.00083673

Device Test: 24.10 TIMING|OUT_FALL/OUTH/4.5/4.5/0/1000/4.5/500kHz//@OUT_FALL_4P5V



Test Results (Upper Limit = 14.0 (ns))

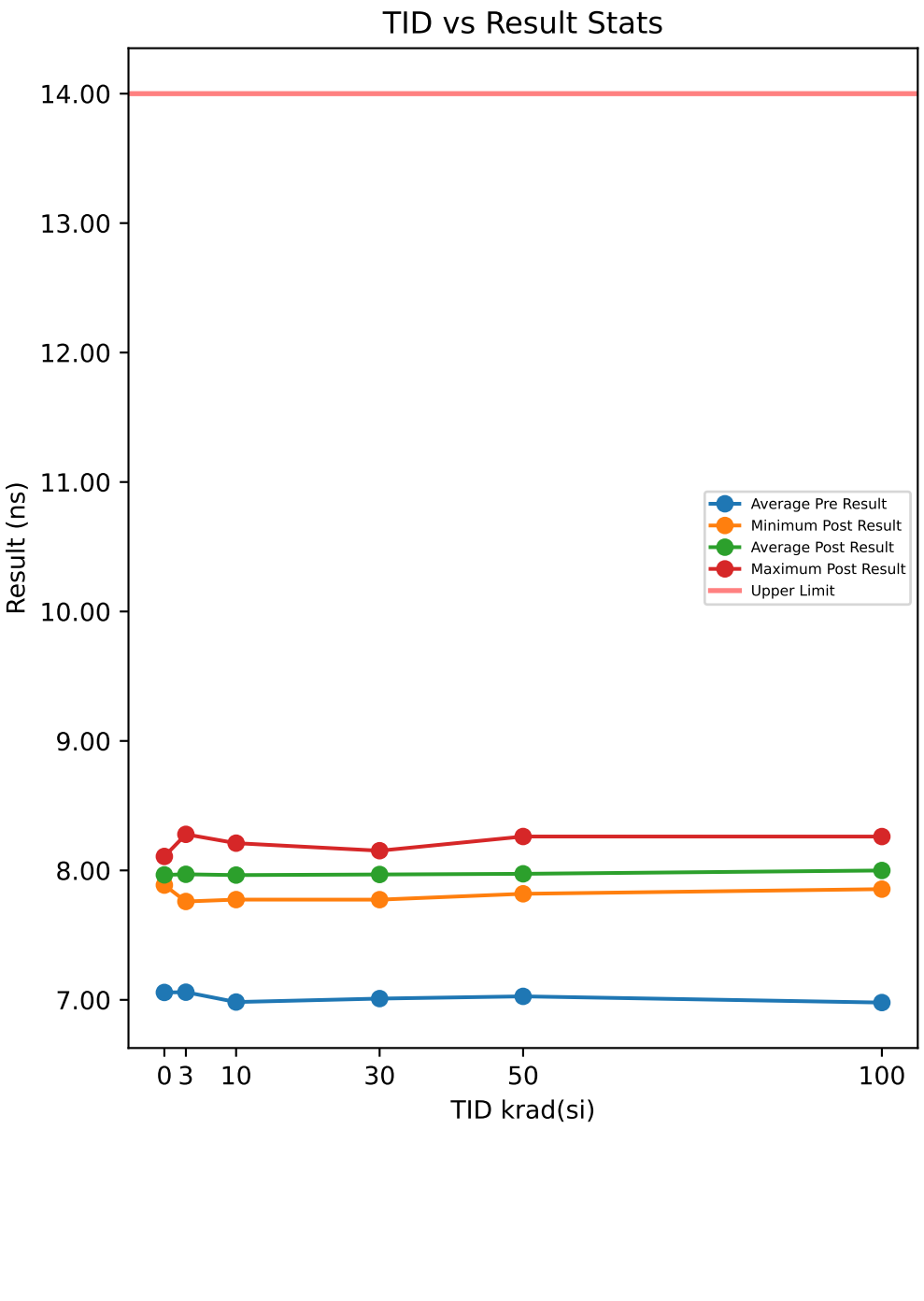
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.5317	7.0573	0.5256
2	3	HDR BIAS	6.3675	6.9806	0.6131
3	3	HDR BIAS	6.2994	6.9701	0.6707
4	3	HDR BIAS	6.5657	7.1263	0.5606
5	3	HDR BIAS	6.4536	7.0017	0.5481
6	3	HDR UNBIAS	6.146	6.9386	0.7926
7	3	HDR UNBIAS	6.5302	7.0779	0.5477
8	3	HDR UNBIAS	6.3875	6.9867	0.5992
9	3	HDR UNBIAS	6.2522	6.9756	0.7234
10	3	HDR UNBIAS	6.5331	7.0836	0.5505
11	10	HDR BIAS	6.363	7.0162	0.6532
12	10	HDR BIAS	6.1902	6.9626	0.7724
13	10	HDR BIAS	6.5258	7.0659	0.5401
14	10	HDR BIAS	6.3861	6.9951	0.609
15	10	HDR BIAS	6.1766	6.9516	0.775
16	10	HDR UNBIAS	6.5406	7.1129	0.5723
17	10	HDR UNBIAS	6.3741	7.0198	0.6457
18	10	HDR UNBIAS	6.197	6.9956	0.7986
19	10	HDR UNBIAS	6.5561	7.1307	0.5746
20	10	HDR UNBIAS	6.4256	7.0182	0.5926
31	30	HDR BIAS	6.5599	7.0808	0.5209
32	30	HDR BIAS	6.3999	7.0293	0.6294
33	30	HDR BIAS	6.1474	6.9524	0.805
34	30	HDR BIAS	6.5669	7.0834	0.5165
35	30	HDR BIAS	6.3625	7.0038	0.6413
36	30	HDR UNBIAS	6.1969	6.9664	0.7695
37	30	HDR UNBIAS	6.5446	7.1232	0.5786
38	30	HDR UNBIAS	6.4878	7.0172	0.5294
39	30	HDR UNBIAS	6.2303	7.0392	0.8089
40	30	HDR UNBIAS	6.5405	7.081	0.5405
41	50	HDR BIAS	6.4265	6.9774	0.5509
42	50	HDR BIAS	6.1088	6.9679	0.8591
43	50	HDR BIAS	6.4828	7.0418	0.559
44	50	HDR BIAS	6.3948	6.9935	0.5987
45	50	HDR BIAS	6.2018	6.9764	0.7746
46	50	HDR UNBIAS	6.5528	7.1119	0.5591
47	50	HDR UNBIAS	6.4132	7.0291	0.6159
48	50	HDR UNBIAS	6.2399	6.9865	0.7466
49	50	HDR UNBIAS	6.5985	7.1207	0.5222
50	50	HDR UNBIAS	6.4257	7.0716	0.6459
51	100	HDR BIAS	6.2526	7.0246	0.772
52	100	HDR BIAS	6.5333	7.1154	0.5821
53	100	HDR BIAS	6.4212	7.0276	0.6064
54	100	HDR BIAS	6.1268	7.0192	0.8924
55	100	HDR BIAS	6.5391	7.1242	0.5851
56	100	HDR UNBIAS	6.3868	6.993	0.6062
57	100	HDR UNBIAS	6.251	7.003	0.752
58	100	HDR UNBIAS	6.5137	7.0915	0.5778
59	100	HDR UNBIAS	6.4108	7.029	0.6182
60	100	HDR UNBIAS	6.2065	7.0247	0.8182
71	0	CORRELATION	6.4564	7.0731	0.6167
72	0	CORRELATION	6.2164	6.9646	0.7482
73	0	CORRELATION	6.6262	6.9758	0.3496

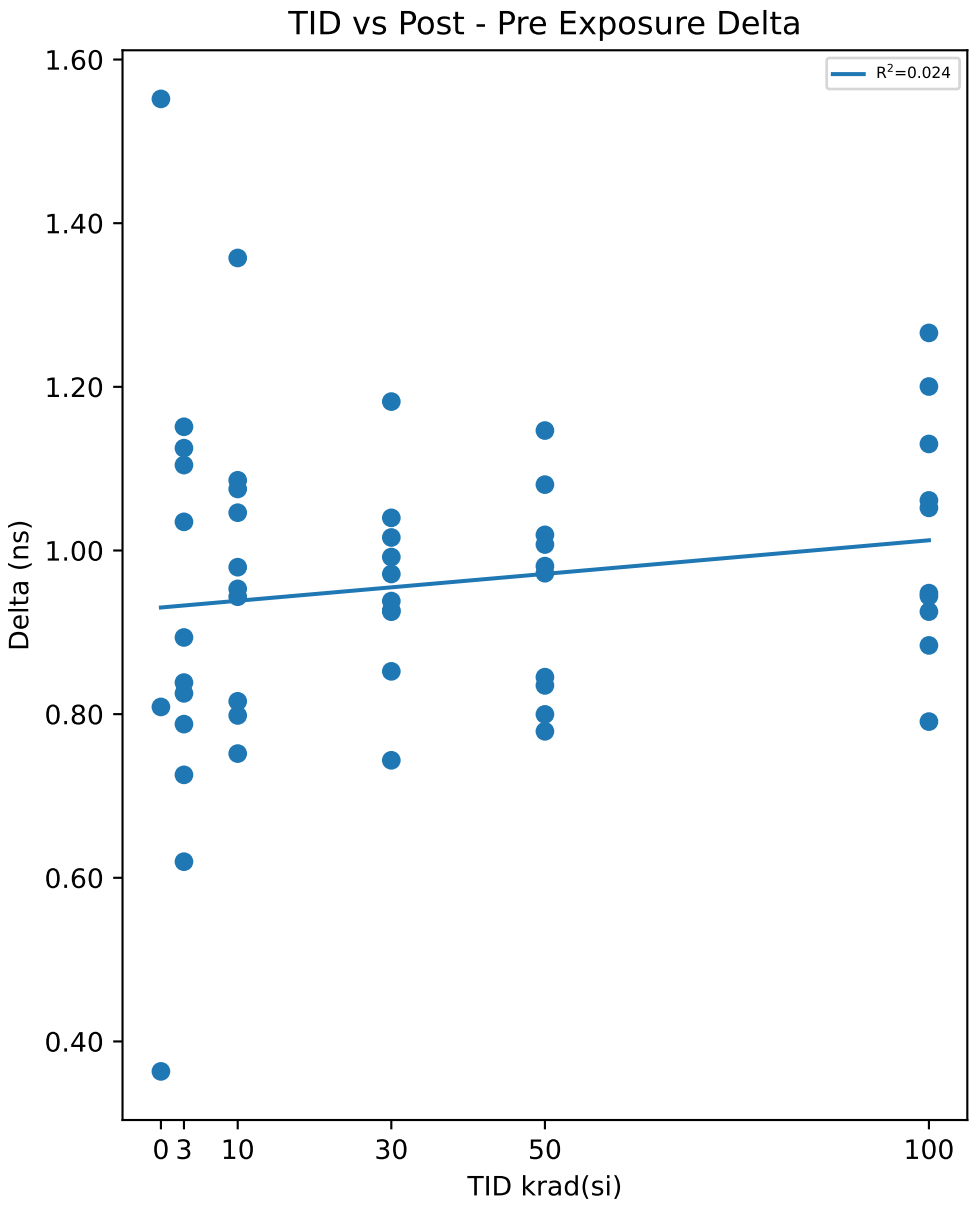


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.2164	6.433	6.6262	0.2059	6.9646	7.0045	7.0731	0.059673	0.3496	0.5715	0.7482	0.20311
3	6.146	6.4067	6.5657	0.14126	6.9386	7.0198	7.1263	0.061619	0.5256	0.61315	0.7926	0.088651
10	6.1766	6.3735	6.5561	0.14567	6.9516	7.0269	7.1307	0.059374	0.5401	0.65335	0.7986	0.095091
30	6.1474	6.4037	6.5669	0.16224	6.9524	7.0377	7.1232	0.054907	0.5165	0.634	0.8089	0.11908
50	6.1088	6.3845	6.5985	0.1558	6.9679	7.0277	7.1207	0.057224	0.5222	0.6432	0.8591	0.11285
100	6.1268	6.3642	6.5391	0.1468	6.993	7.0452	7.1242	0.047036	0.5778	0.68104	0.8924	0.11622

Device Test: 24.11 TIMING|OUT_RISE/OUTH/5/5/0/1000/5/500kHz//@OUT_RISE_5V





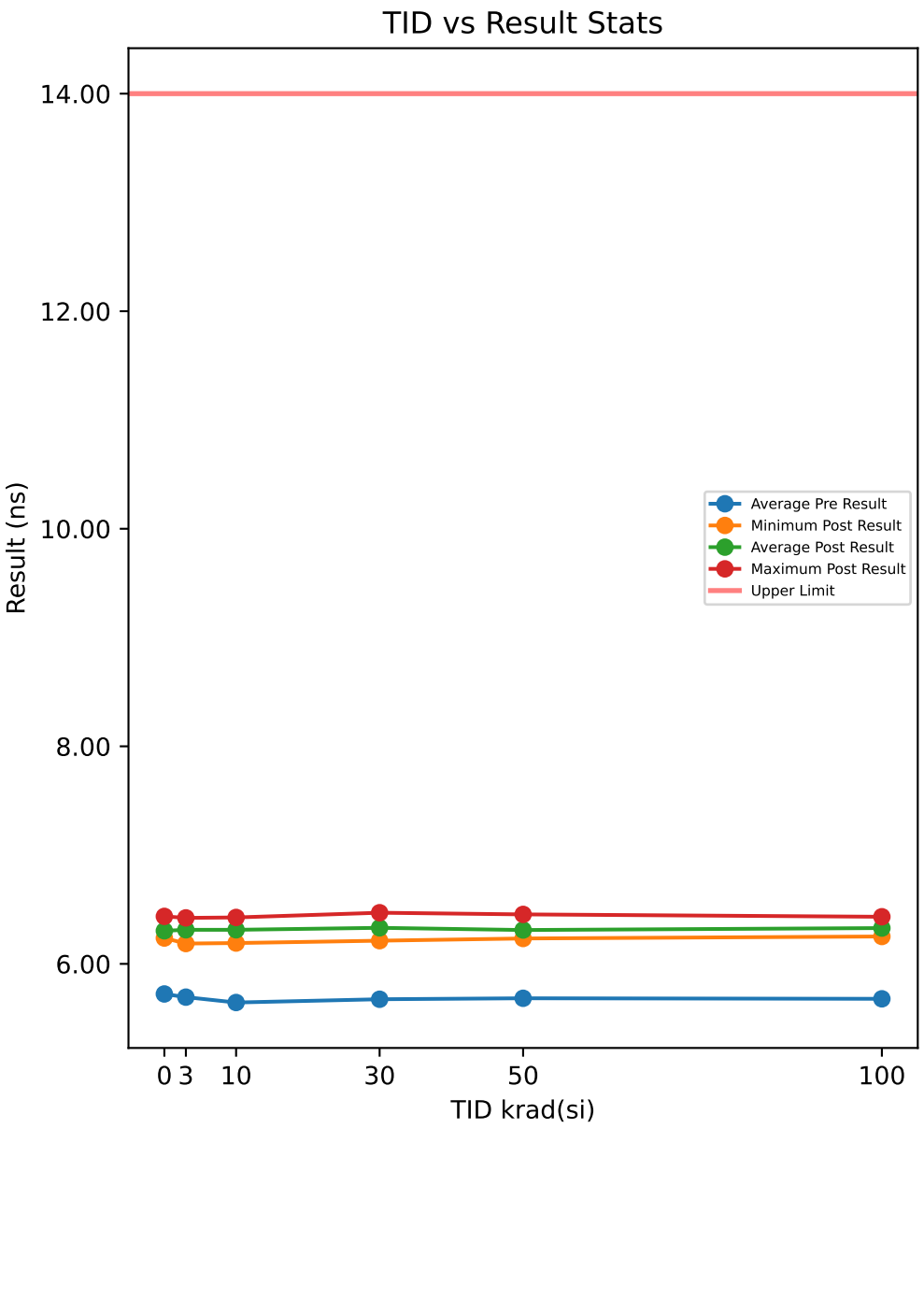
Test Results (Upper Limit = 14.0 (ns))

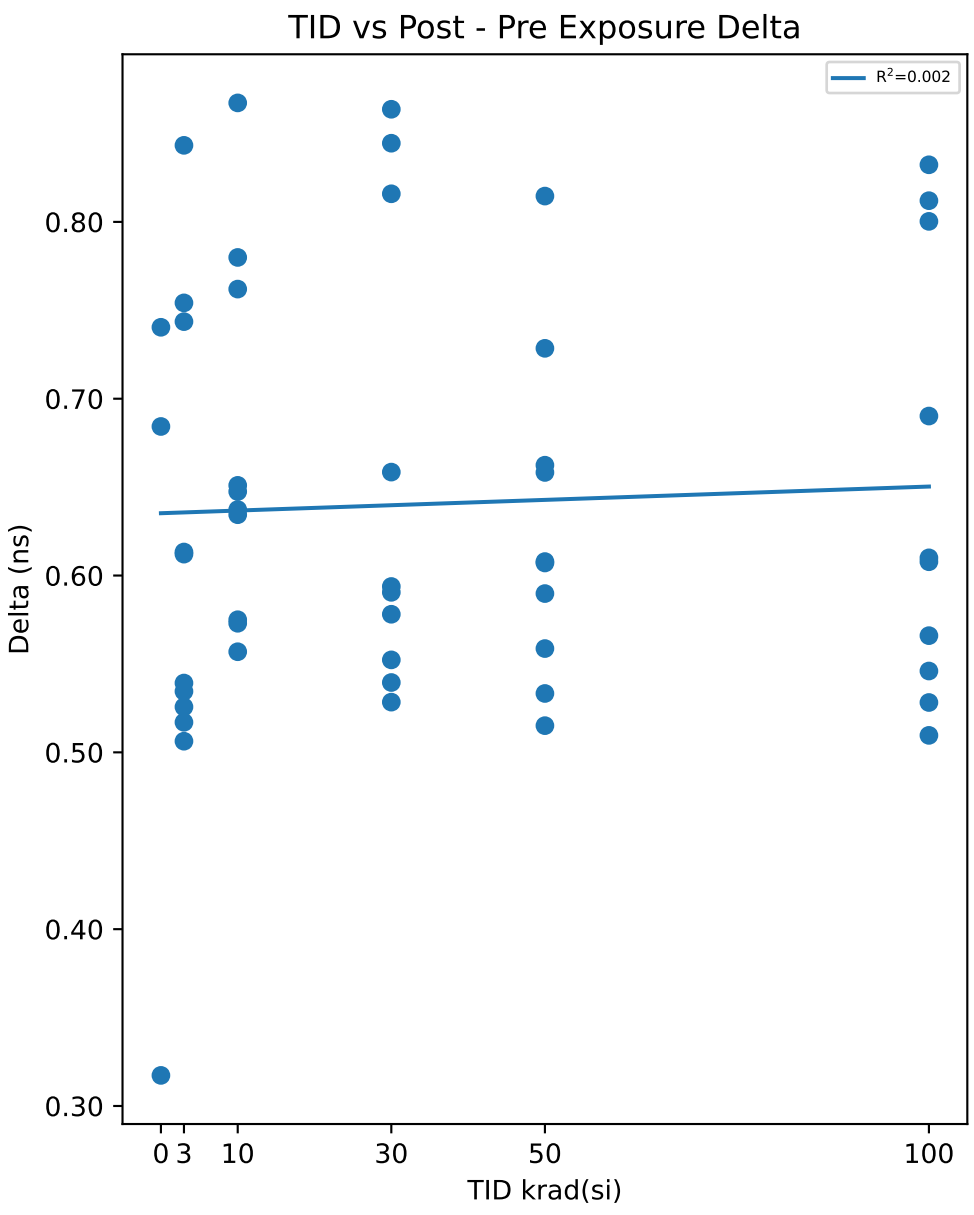
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	7.319	8.0448	0.7258
2	3	HDR BIAS	6.7361	7.8873	1.1512
3	3	HDR BIAS	7.0107	7.8361	0.8254
4	3	HDR BIAS	7.2823	8.1209	0.8386
5	3	HDR BIAS	6.7549	7.88	1.1251
6	3	HDR UNBIAS	6.9721	7.7599	0.7878
7	3	HDR UNBIAS	7.2355	8.1292	0.8937
8	3	HDR UNBIAS	6.7745	7.8789	1.1044
9	3	HDR UNBIAS	7.2636	7.8833	0.6197
10	3	HDR UNBIAS	7.2436	8.2786	1.035
11	10	HDR BIAS	6.4874	7.8449	1.3575
12	10	HDR BIAS	7.0813	7.8797	0.7984
13	10	HDR BIAS	7.1591	8.1122	0.9531
14	10	HDR BIAS	6.8002	7.886	1.0858
15	10	HDR BIAS	7.0226	7.7744	0.7518
16	10	HDR UNBIAS	7.3208	8.1365	0.8157
17	10	HDR UNBIAS	6.8773	7.9525	1.0752
18	10	HDR UNBIAS	6.926	7.9056	0.9796
19	10	HDR UNBIAS	7.1642	8.2104	1.0462
20	10	HDR UNBIAS	6.993	7.9365	0.9435
31	30	HDR BIAS	7.1531	8.1244	0.9713
32	30	HDR BIAS	6.8779	7.8938	1.0159
33	30	HDR BIAS	6.8471	7.774	0.9269
34	30	HDR BIAS	7.1256	8.1176	0.992
35	30	HDR BIAS	6.6879	7.8699	1.182
36	30	HDR UNBIAS	7.1174	7.861	0.7436
37	30	HDR UNBIAS	7.2139	8.1521	0.9382
38	30	HDR UNBIAS	6.8335	7.8734	1.0399
39	30	HDR UNBIAS	6.9742	7.8994	0.9252
40	30	HDR UNBIAS	7.2673	8.1196	0.8523
41	50	HDR BIAS	6.8471	7.8193	0.9722
42	50	HDR BIAS	7.1235	7.9025	0.779
43	50	HDR BIAS	7.1618	8.1809	1.0191
44	50	HDR BIAS	6.7349	7.8815	1.1466
45	50	HDR BIAS	7.0667	7.9119	0.8452
46	50	HDR UNBIAS	7.3296	8.1293	0.7997
47	50	HDR UNBIAS	6.7569	7.8374	1.0805
48	50	HDR UNBIAS	7.0993	7.9344	0.8351
49	50	HDR UNBIAS	7.2545	8.2618	1.0073
50	50	HDR UNBIAS	6.8965	7.8774	0.9809
51	100	HDR BIAS	6.8776	7.9297	1.0521
52	100	HDR BIAS	7.1312	8.2614	1.1302
53	100	HDR BIAS	6.7364	7.9368	1.2004
54	100	HDR BIAS	6.9435	7.8914	0.9479
55	100	HDR BIAS	7.2734	8.2176	0.9442
56	100	HDR UNBIAS	6.6125	7.8784	1.2659
57	100	HDR UNBIAS	7.169	7.9599	0.7909
58	100	HDR UNBIAS	7.2441	8.1694	0.9253
59	100	HDR UNBIAS	6.7941	7.8553	1.0612
60	100	HDR UNBIAS	7.0094	7.8934	0.884
71	0	CORRELATION	6.5559	8.1078	1.5519
72	0	CORRELATION	7.0929	7.9017	0.8088
73	0	CORRELATION	7.523	7.8864	0.3634

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.5559	7.0573	7.523	0.48453	7.8864	7.9653	8.1078	0.12365	0.3634	0.90803	1.5519	0.60043
3	6.7361	7.0592	7.319	0.23854	7.7599	7.9699	8.2786	0.1639	0.6197	0.91067	1.1512	0.18364
10	6.4874	6.9832	7.3208	0.2316	7.7744	7.9639	8.2104	0.14144	0.7518	0.98068	1.3575	0.17678
30	6.6879	7.0098	7.2673	0.19245	7.774	7.9685	8.1521	0.14204	0.7436	0.95873	1.182	0.11602
50	6.7349	7.0271	7.3296	0.2069	7.8193	7.9736	8.2618	0.15662	0.779	0.94656	1.1466	0.1252
100	6.6125	6.9791	7.2734	0.2251	7.8553	7.9993	8.2614	0.15413	0.7909	1.0202	1.2659	0.14861

Device Test: 24.12 TIMING|OUT_FALL/OUTH/5/5/0/1000/5/500kHz//@OUT_FALL_5V





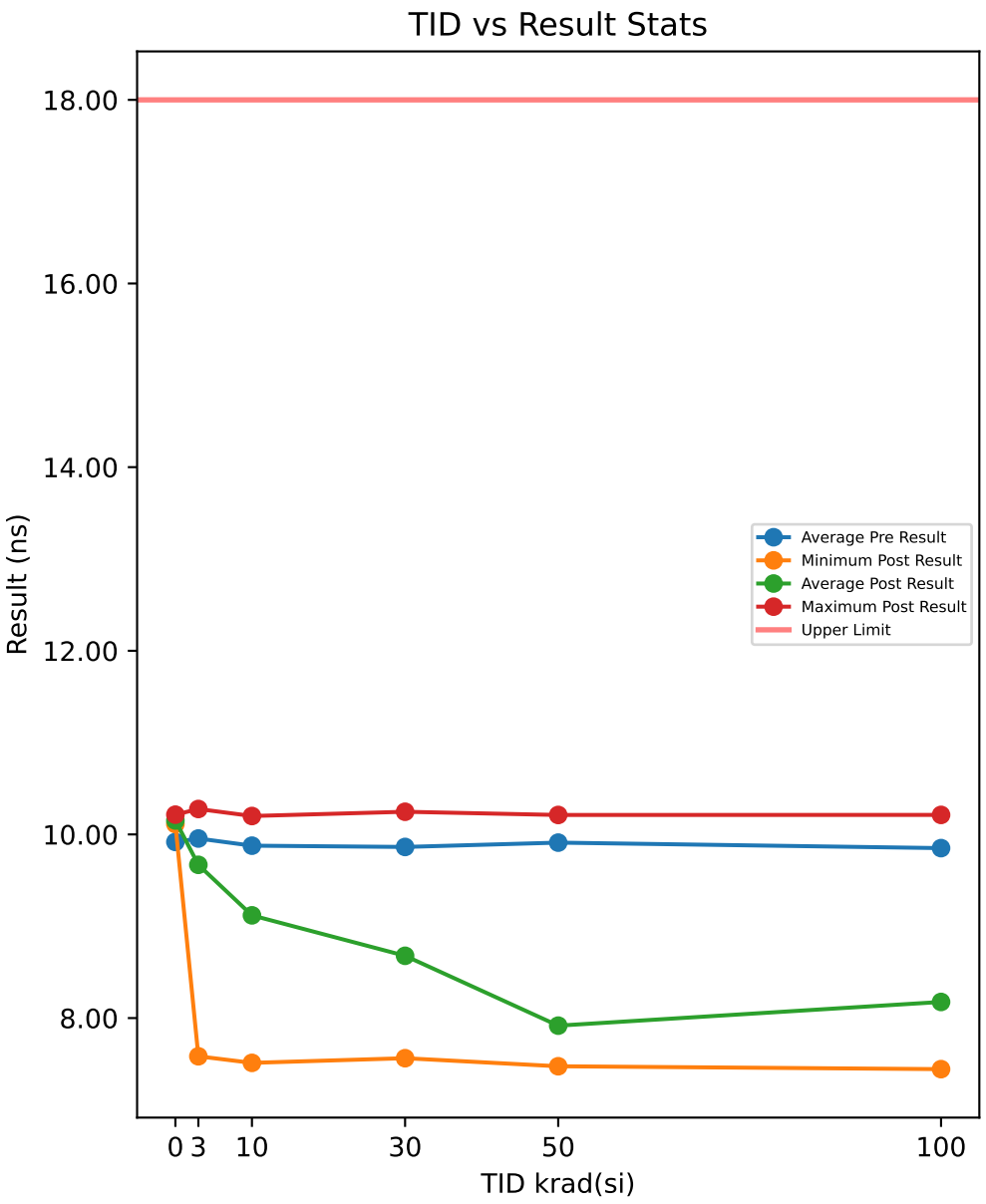
Test Results (Upper Limit = 14.0 (ns))

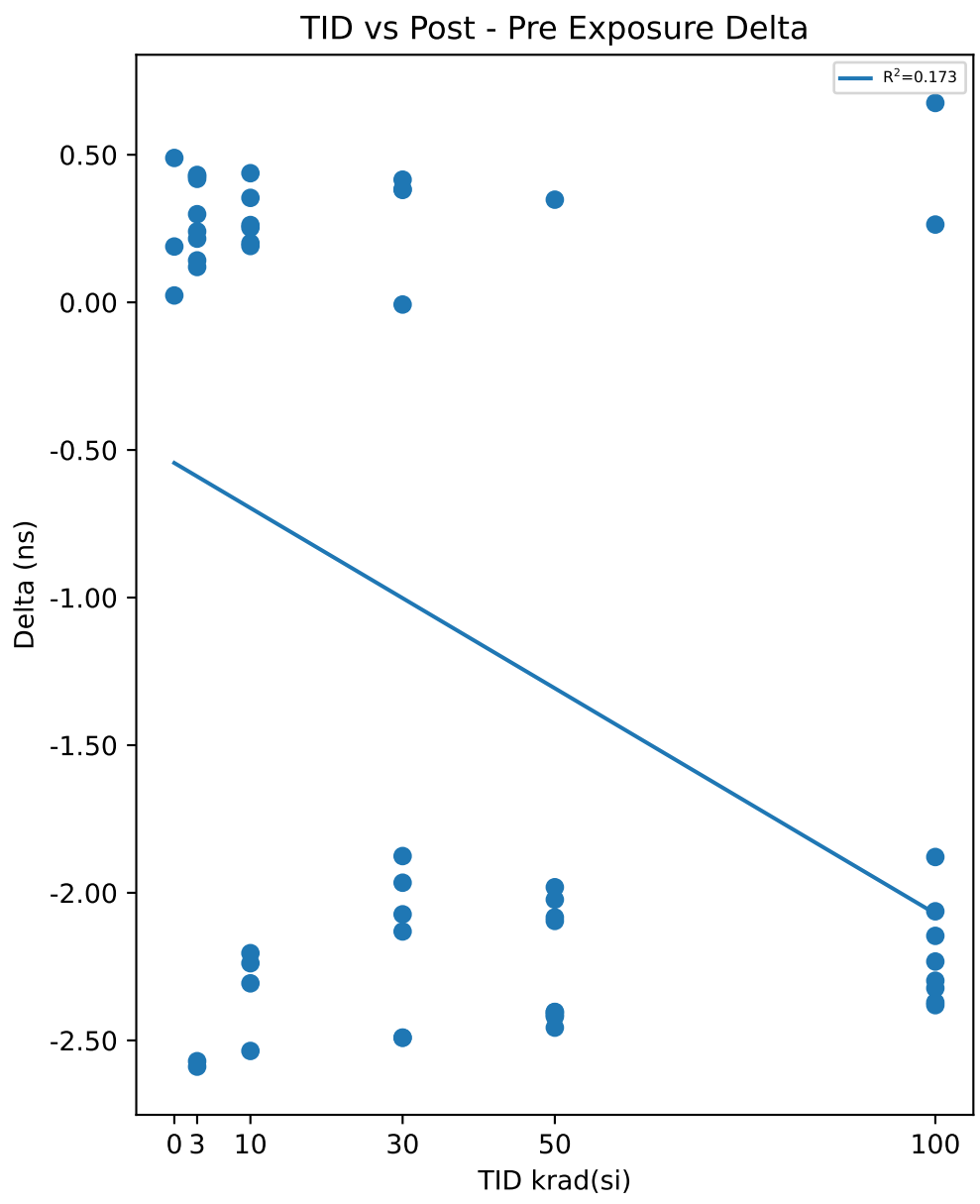
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	5.9036	6.4099	0.5063
2	3	HDR BIAS	5.6573	6.2694	0.6121
3	3	HDR BIAS	5.4636	6.2178	0.7542
4	3	HDR BIAS	5.8882	6.4227	0.5345
5	3	HDR BIAS	5.7322	6.3455	0.6133
6	3	HDR UNBIAS	5.4432	6.1868	0.7436
7	3	HDR UNBIAS	5.8634	6.3804	0.517
8	3	HDR UNBIAS	5.7262	6.2519	0.5257
9	3	HDR UNBIAS	5.4072	6.2505	0.8433
10	3	HDR UNBIAS	5.8561	6.3953	0.5392
11	10	HDR BIAS	5.6408	6.2918	0.651
12	10	HDR BIAS	5.4294	6.1914	0.762
13	10	HDR BIAS	5.8278	6.3847	0.5569
14	10	HDR BIAS	5.7234	6.2964	0.573
15	10	HDR BIAS	5.4151	6.195	0.7799
16	10	HDR UNBIAS	5.7872	6.4216	0.6344
17	10	HDR UNBIAS	5.6811	6.3184	0.6373
18	10	HDR UNBIAS	5.407	6.2743	0.8673
19	10	HDR UNBIAS	5.8517	6.4267	0.575
20	10	HDR UNBIAS	5.6833	6.3308	0.6475
31	30	HDR BIAS	5.8618	6.4523	0.5905
32	30	HDR BIAS	5.6297	6.2882	0.6585
33	30	HDR BIAS	5.3972	6.2131	0.8159
34	30	HDR BIAS	5.8696	6.4091	0.5395
35	30	HDR BIAS	5.7015	6.2796	0.5781
36	30	HDR UNBIAS	5.3766	6.2211	0.8445
37	30	HDR UNBIAS	5.8763	6.4701	0.5938
38	30	HDR UNBIAS	5.7668	6.3191	0.5523
39	30	HDR UNBIAS	5.391	6.2547	0.8637
40	30	HDR UNBIAS	5.8772	6.4056	0.5284
41	50	HDR BIAS	5.6747	6.2334	0.5587
42	50	HDR BIAS	5.5052	6.2337	0.7285
43	50	HDR BIAS	5.8258	6.3591	0.5333
44	50	HDR BIAS	5.6881	6.2952	0.6071
45	50	HDR BIAS	5.4572	6.2718	0.8146
46	50	HDR UNBIAS	5.8924	6.4075	0.5151
47	50	HDR UNBIAS	5.6374	6.2957	0.6583
48	50	HDR UNBIAS	5.6181	6.2805	0.6624
49	50	HDR UNBIAS	5.865	6.4548	0.5898
50	50	HDR UNBIAS	5.672	6.2799	0.6079
51	100	HDR BIAS	5.4596	6.2919	0.8323
52	100	HDR BIAS	5.9114	6.421	0.5096
53	100	HDR BIAS	5.7106	6.3184	0.6078
54	100	HDR BIAS	5.5615	6.2517	0.6902
55	100	HDR BIAS	5.887	6.433	0.546
56	100	HDR UNBIAS	5.6893	6.2993	0.61
57	100	HDR UNBIAS	5.4695	6.2815	0.812
58	100	HDR UNBIAS	5.8635	6.4295	0.566
59	100	HDR UNBIAS	5.7529	6.2811	0.5282
60	100	HDR UNBIAS	5.4818	6.2821	0.8003
71	0	CORRELATION	5.7522	6.4365	0.6843
72	0	CORRELATION	5.4971	6.2375	0.7404
73	0	CORRELATION	5.9205	6.2378	0.3173

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4971	5.7233	5.9205	0.21318	6.2375	6.3039	6.4365	0.11481	0.3173	0.58067	0.7404	0.2298
3	5.4072	5.6941	5.9036	0.19399	6.1868	6.313	6.4227	0.087131	0.5063	0.61892	0.8433	0.11996
10	5.407	5.6447	5.8517	0.17038	6.1914	6.3131	6.4267	0.082423	0.5569	0.66843	0.8673	0.10213
30	5.3766	5.6748	5.8772	0.21402	6.2131	6.3313	6.4701	0.095535	0.5284	0.65652	0.8637	0.13295
50	5.4572	5.6836	5.8924	0.14394	6.2334	6.3112	6.4548	0.073196	0.5151	0.62757	0.8146	0.091795
100	5.4596	5.6787	5.9114	0.1772	6.2517	6.3289	6.433	0.070298	0.5096	0.65024	0.8323	0.12449

Device Test: 24.13 TIMING|OUT_RISE/OUTH/12/12/0/1000/5/500kHz//@OUT_RISE_12V





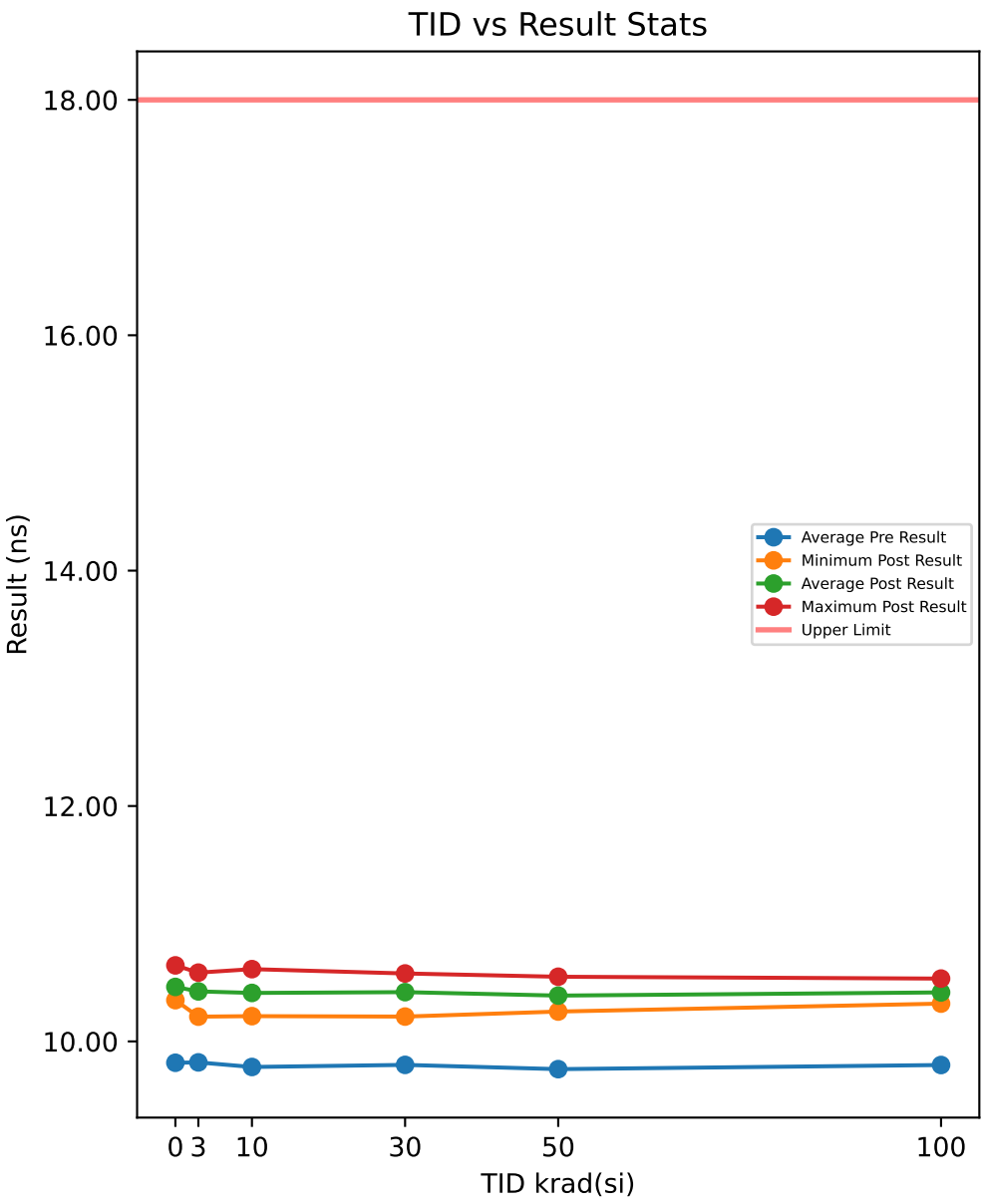
Test Results (Upper Limit = 18.0 (ns))

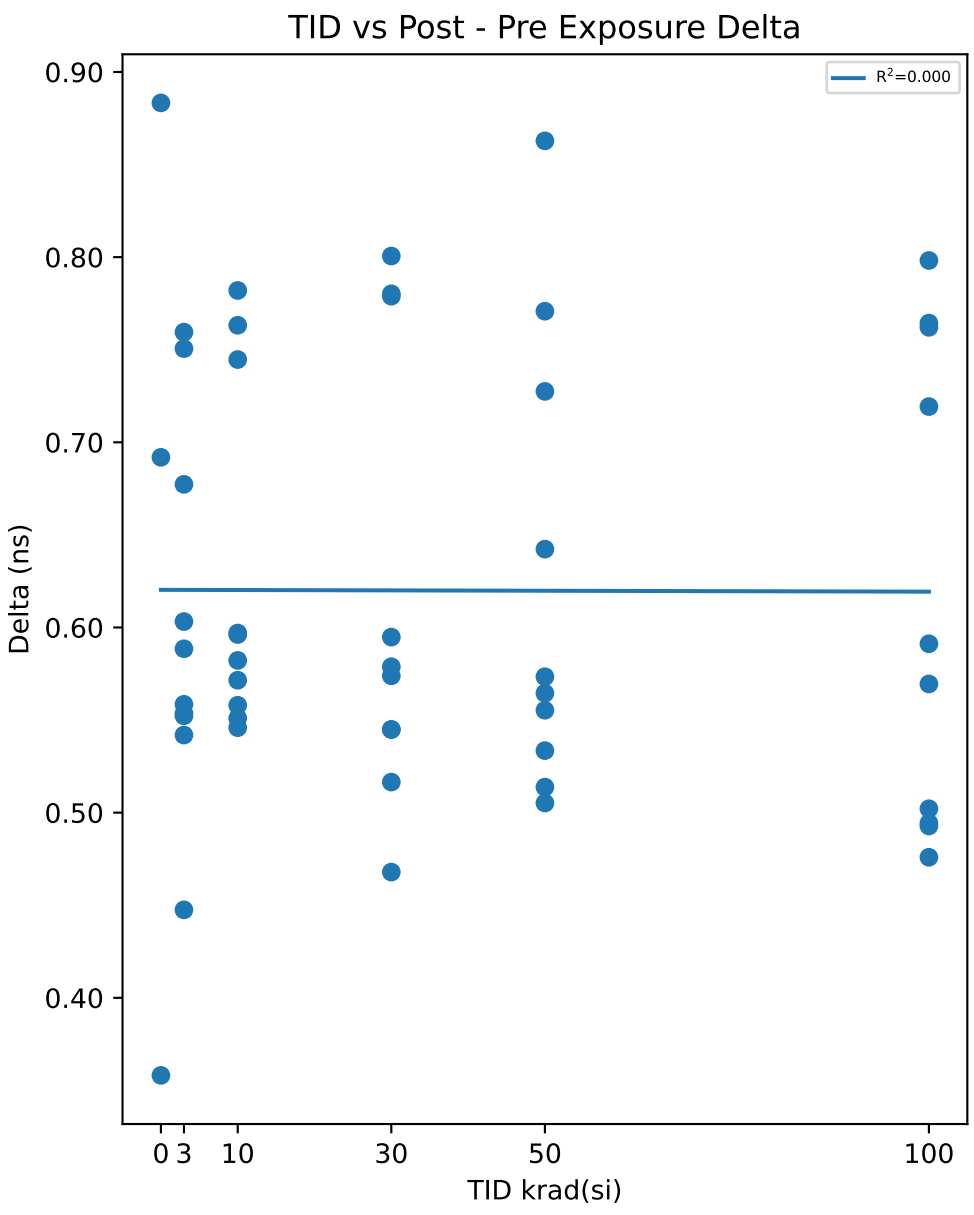
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	10.068	10.187	0.1197
2	3	HDR BIAS	9.7853	10.212	0.427
3	3	HDR BIAS	9.6788	9.9774	0.2986
4	3	HDR BIAS	10.274	7.6848	-2.5889
5	3	HDR BIAS	9.8586	10.277	0.4183
6	3	HDR UNBIAS	9.8006	10.041	0.2402
7	3	HDR UNBIAS	10.012	10.228	0.2157
8	3	HDR UNBIAS	9.8397	10.271	0.4316
9	3	HDR UNBIAS	10.084	10.226	0.1421
10	3	HDR UNBIAS	10.154	7.5836	-2.5704
11	10	HDR BIAS	9.992	7.7534	-2.2386
12	10	HDR BIAS	9.5381	9.9756	0.4375
13	10	HDR BIAS	9.9474	10.2	0.2531
14	10	HDR BIAS	9.9702	7.6635	-2.3067
15	10	HDR BIAS	9.8684	10.13	0.2619
16	10	HDR UNBIAS	9.9366	10.137	0.2007
17	10	HDR UNBIAS	9.8733	7.6688	-2.2045
18	10	HDR UNBIAS	9.7952	9.9861	0.1909
19	10	HDR UNBIAS	10.048	7.512	-2.5357
20	10	HDR UNBIAS	9.8055	10.159	0.3539
31	30	HDR BIAS	9.6882	7.8126	-1.8756
32	30	HDR BIAS	9.9352	7.8042	-2.131
33	30	HDR BIAS	9.6035	10.019	0.4156
34	30	HDR BIAS	9.866	10.247	0.3808
35	30	HDR BIAS	9.6867	7.7208	-1.9659
36	30	HDR UNBIAS	9.7065	10.09	0.3835
37	30	HDR UNBIAS	10.053	7.5628	-2.4905
38	30	HDR UNBIAS	9.7878	7.7149	-2.0729
39	30	HDR UNBIAS	10.234	10.227	-0.0074
40	30	HDR UNBIAS	10.074	7.583	-2.4911
41	50	HDR BIAS	9.8767	7.7814	-2.0953
42	50	HDR BIAS	10.097	7.6834	-2.4139
43	50	HDR BIAS	9.9069	7.5028	-2.4041
44	50	HDR BIAS	9.7524	7.7712	-1.9812
45	50	HDR BIAS	9.8641	10.212	0.3478
46	50	HDR UNBIAS	10.208	7.7886	-2.4195
47	50	HDR UNBIAS	9.7493	7.666	-2.0833
48	50	HDR UNBIAS	10.018	7.6145	-2.4035
49	50	HDR UNBIAS	9.9318	7.475	-2.4568
50	50	HDR UNBIAS	9.7021	7.6791	-2.023
51	100	HDR BIAS	9.807	7.5742	-2.2328
52	100	HDR BIAS	9.9268	7.5462	-2.3806
53	100	HDR BIAS	9.8937	7.831	-2.0627
54	100	HDR BIAS	10.051	7.7283	-2.3231
55	100	HDR BIAS	10.04	7.7427	-2.2978
56	100	HDR UNBIAS	9.7662	7.8874	-1.8788
57	100	HDR UNBIAS	9.9062	10.17	0.2635
58	100	HDR UNBIAS	9.8146	7.4437	-2.3709
59	100	HDR UNBIAS	9.5371	10.213	0.6754
60	100	HDR UNBIAS	9.7648	7.6189	-2.1459
71	0	CORRELATION	10.026	10.215	0.1891
72	0	CORRELATION	9.6239	10.113	0.4891
73	0	CORRELATION	10.104	10.127	0.0233

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.6239	9.9181	10.104	0.25773	10.113	10.152	10.215	0.055297	0.0233	0.23383	0.4891	0.2361
3	9.6788	9.9555	10.274	0.19015	7.5836	9.6689	10.277	1.077	-2.5889	-0.28661	0.4316	1.2138
10	9.5381	9.8774	10.048	0.14388	7.512	9.1187	10.2	1.2678	-2.5357	-0.75875	0.4375	1.3495
30	9.6035	9.8635	10.234	0.20625	7.5628	8.6781	10.247	1.2671	-2.4911	-1.1855	0.4156	1.2928
50	9.7021	9.9107	10.208	0.16097	7.475	7.9174	10.212	0.81345	-2.4568	-1.9933	0.3478	0.84398
100	9.5371	9.8508	10.051	0.15022	7.4437	8.1755	10.213	1.0707	-2.3806	-1.6754	0.6754	1.1449

Device Test: 24.14 TIMING|OUT_FALL/OUTH/12/12/0/1000/5/500kHz//@OUT_FALL_12V





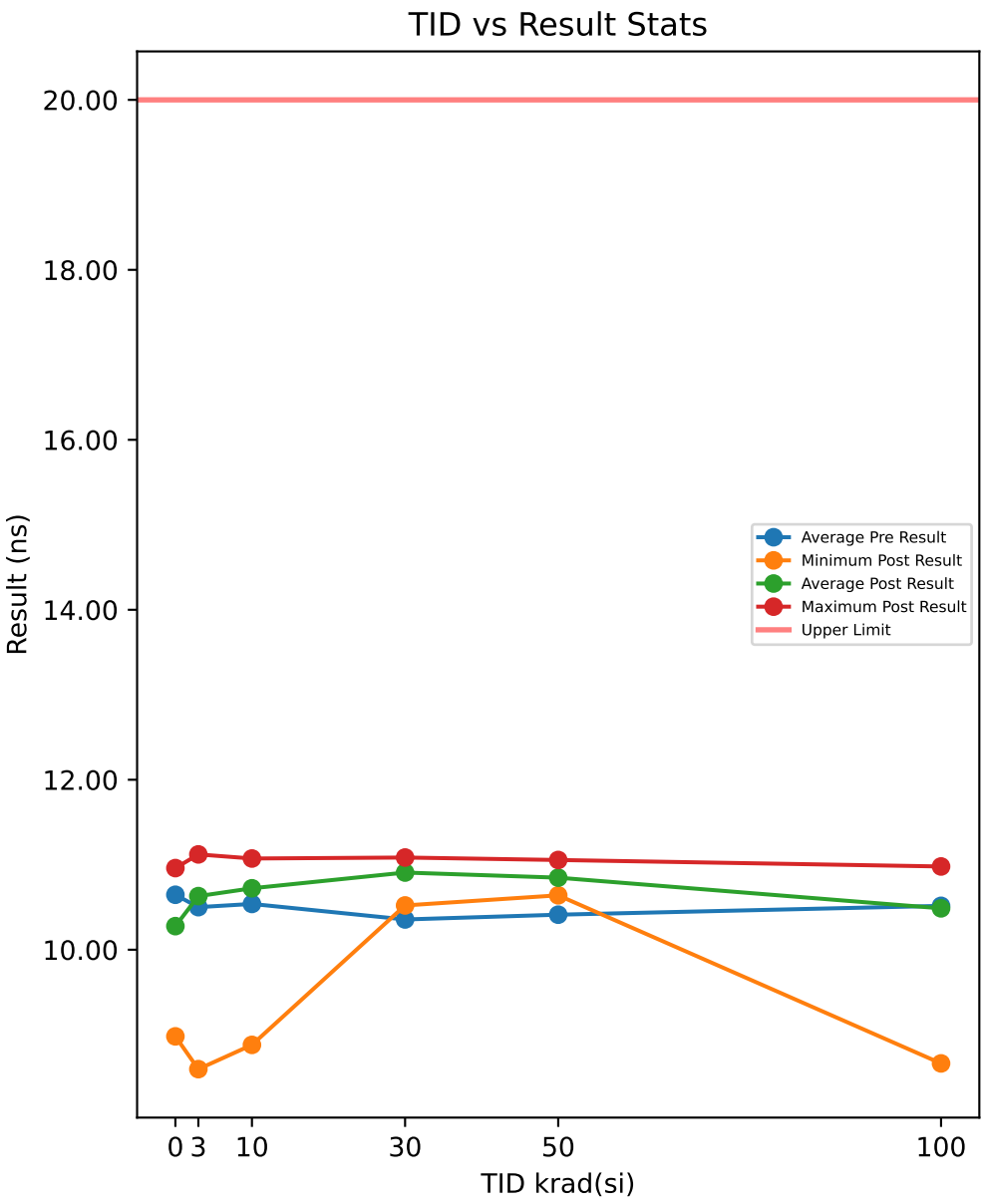
Test Results (Upper Limit = 18.0 (ns))

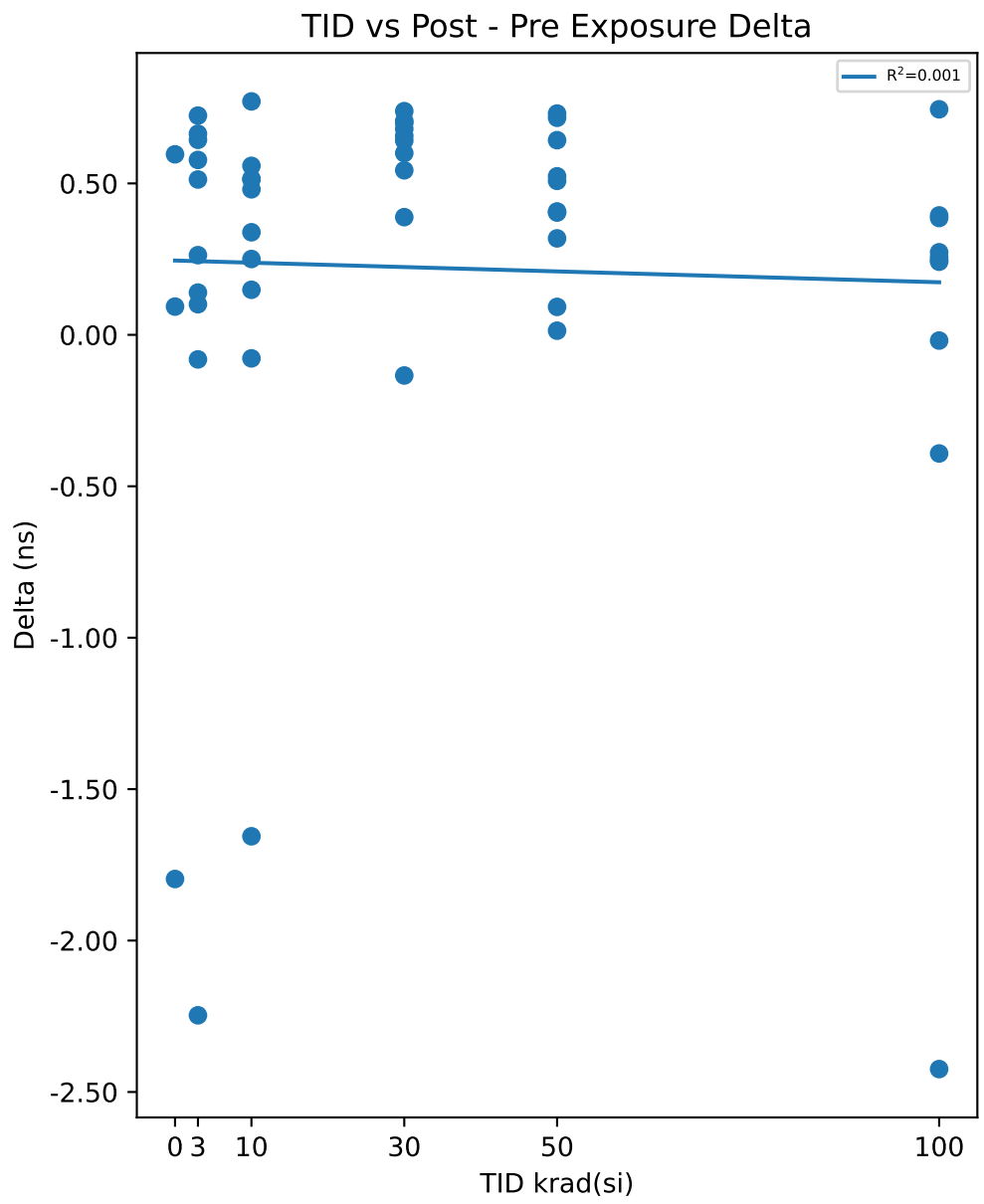
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	10.076	10.524	0.4475
2	3	HDR BIAS	9.8641	10.453	0.5885
3	3	HDR BIAS	9.6547	10.332	0.6773
4	3	HDR BIAS	10.031	10.584	0.5536
5	3	HDR BIAS	9.849	10.452	0.6032
6	3	HDR UNBIAS	9.4508	10.21	0.7595
7	3	HDR UNBIAS	9.9359	10.488	0.5523
8	3	HDR UNBIAS	9.7829	10.341	0.5585
9	3	HDR UNBIAS	9.6247	10.375	0.7506
10	3	HDR UNBIAS	9.9483	10.49	0.5419
11	10	HDR BIAS	9.7975	10.369	0.5715
12	10	HDR BIAS	9.513	10.258	0.7447
13	10	HDR BIAS	9.853	10.411	0.558
14	10	HDR BIAS	9.8006	10.398	0.597
15	10	HDR BIAS	9.4515	10.215	0.7632
16	10	HDR UNBIAS	9.9878	10.584	0.5962
17	10	HDR UNBIAS	9.887	10.438	0.551
18	10	HDR UNBIAS	9.5895	10.371	0.782
19	10	HDR UNBIAS	10.068	10.614	0.5459
20	10	HDR UNBIAS	9.8796	10.462	0.5822
31	30	HDR BIAS	9.9985	10.577	0.5788
32	30	HDR BIAS	9.8273	10.372	0.5449
33	30	HDR BIAS	9.4321	10.211	0.7789
34	30	HDR BIAS	10.056	10.524	0.4679
35	30	HDR BIAS	9.7981	10.393	0.5948
36	30	HDR UNBIAS	9.4891	10.269	0.7802
37	30	HDR UNBIAS	9.9958	10.512	0.5165
38	30	HDR UNBIAS	9.9128	10.487	0.5739
39	30	HDR UNBIAS	9.5374	10.338	0.8006
40	30	HDR UNBIAS	9.9585	10.503	0.5449
41	50	HDR BIAS	9.7835	10.357	0.5734
42	50	HDR BIAS	9.5262	10.254	0.7275
43	50	HDR BIAS	9.8076	10.313	0.5052
44	50	HDR BIAS	9.8268	10.382	0.5553
45	50	HDR BIAS	9.5694	10.34	0.7708
46	50	HDR UNBIAS	9.9812	10.515	0.5335
47	50	HDR UNBIAS	9.808	10.373	0.5645
48	50	HDR UNBIAS	9.5409	10.404	0.8628
49	50	HDR UNBIAS	10.036	10.55	0.5138
50	50	HDR UNBIAS	9.7646	10.407	0.6423
51	100	HDR BIAS	9.6238	10.388	0.7644
52	100	HDR BIAS	10.013	10.506	0.4928
53	100	HDR BIAS	9.8756	10.445	0.5695
54	100	HDR BIAS	9.5517	10.35	0.7982
55	100	HDR BIAS	10.058	10.534	0.4759
56	100	HDR UNBIAS	9.7713	10.363	0.5912
57	100	HDR UNBIAS	9.6304	10.393	0.7621
58	100	HDR UNBIAS	10.006	10.508	0.5021
59	100	HDR UNBIAS	9.8618	10.356	0.4944
60	100	HDR UNBIAS	9.6018	10.321	0.7193
71	0	CORRELATION	9.9541	10.646	0.6919
72	0	CORRELATION	9.5091	10.392	0.8833
73	0	CORRELATION	9.9924	10.351	0.3581

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.5091	9.8185	9.9924	0.26866	10.351	10.463	10.646	0.15989	0.3581	0.64443	0.8833	0.2658
3	9.4508	9.8217	10.076	0.19604	10.21	10.425	10.584	0.1101	0.4475	0.60329	0.7595	0.09827
10	9.4515	9.7828	10.068	0.20251	10.215	10.412	10.614	0.12473	0.5459	0.62917	0.782	0.094535
30	9.4321	9.8005	10.056	0.23158	10.211	10.419	10.577	0.12088	0.4679	0.61814	0.8006	0.1216
50	9.5262	9.7644	10.036	0.17428	10.254	10.389	10.55	0.088154	0.5052	0.62491	0.8628	0.12242
100	9.5517	9.7994	10.058	0.19025	10.321	10.416	10.534	0.076415	0.4759	0.61699	0.7982	0.1302

Device Test: 24.15 TIMING|OUT_RISE/OUTH/14/14/0/1000/5/500kHz//@OUT_RISE_14V





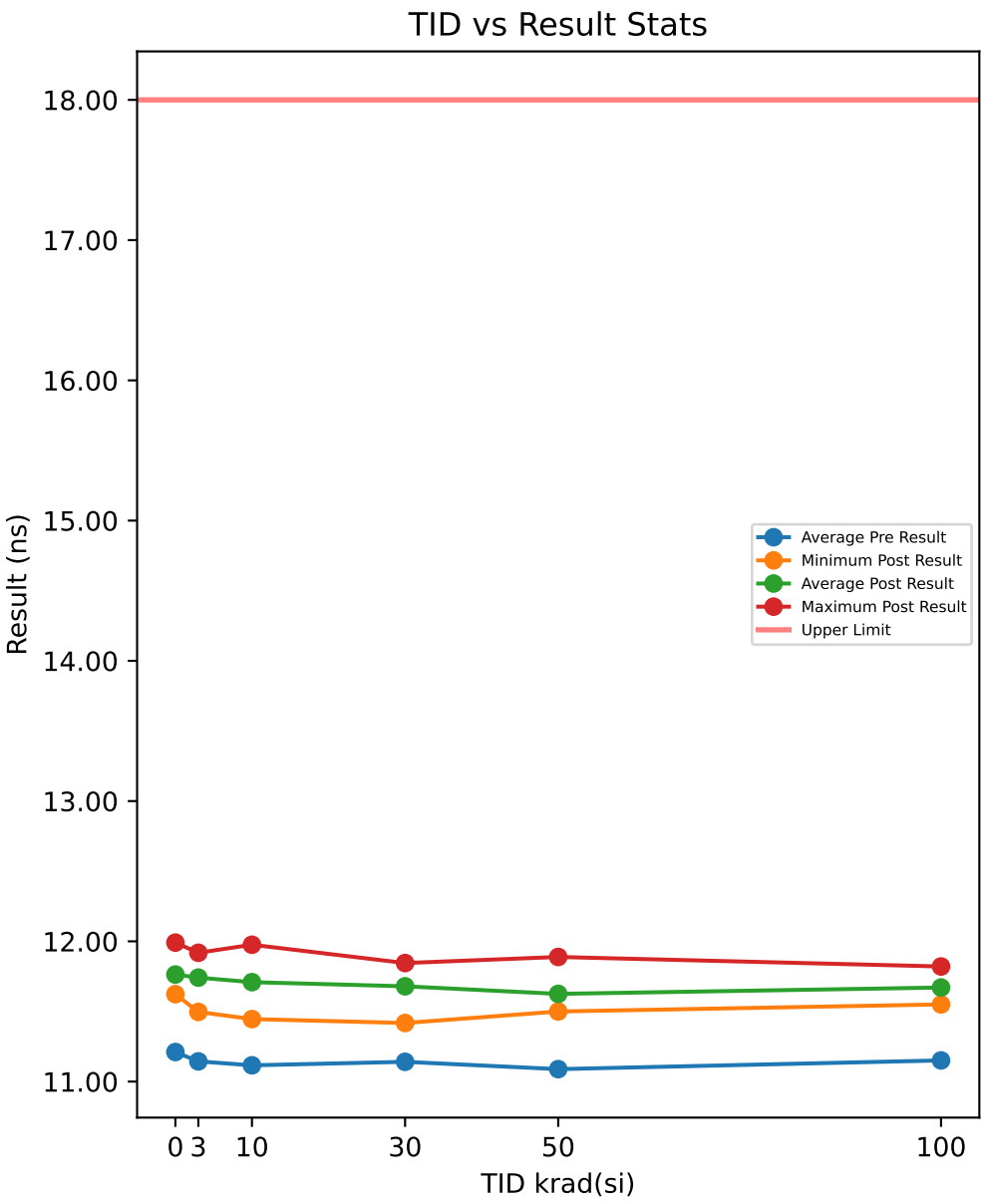
Test Results (Upper Limit = 20.0 (ns))

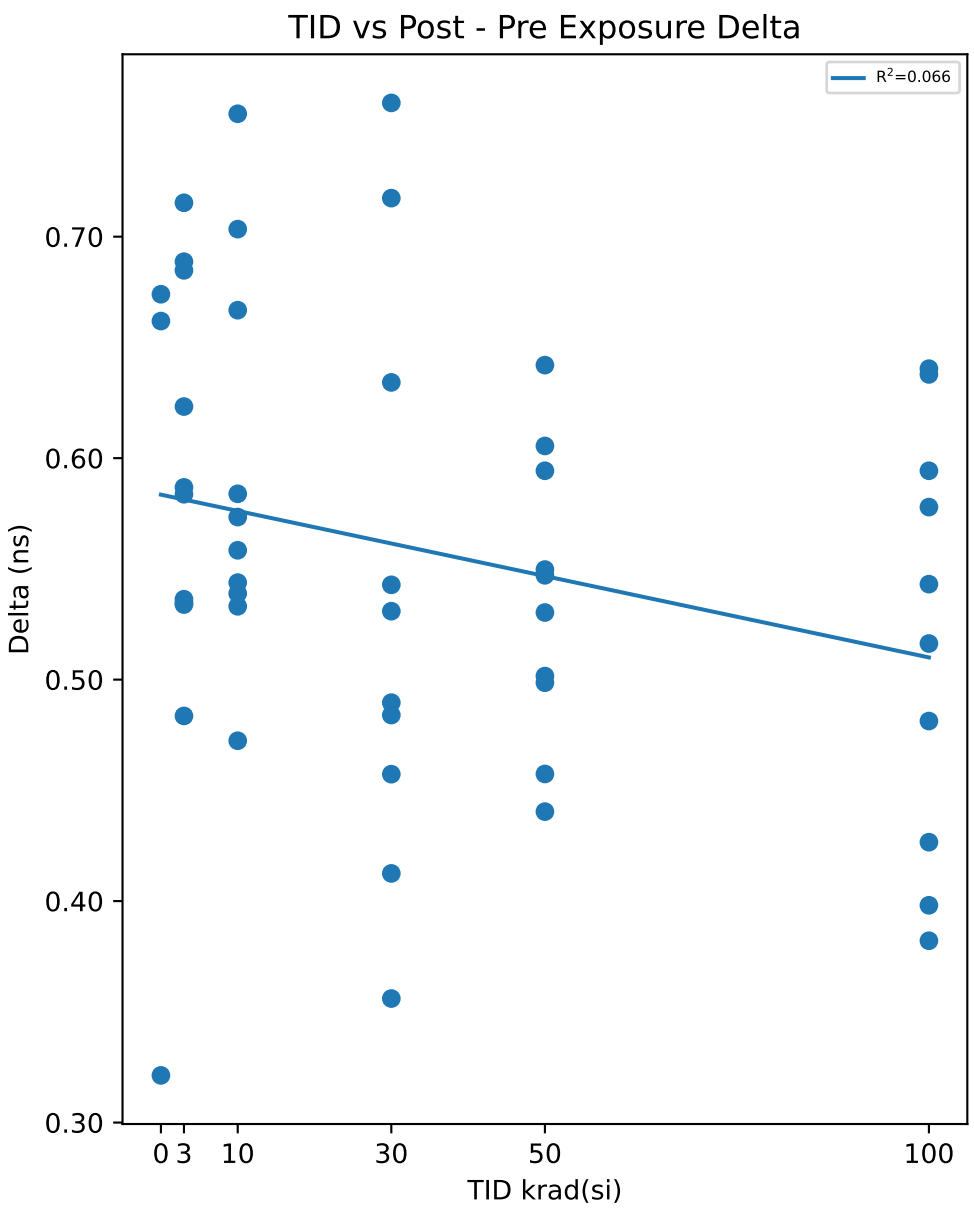
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	10.406	11.07	0.6639
2	3	HDR BIAS	10.842	8.5948	-2.2468
3	3	HDR BIAS	10.65	10.569	-0.0811
4	3	HDR BIAS	10.095	10.819	0.7239
5	3	HDR BIAS	10.478	11.122	0.6439
6	3	HDR UNBIAS	10.373	10.474	0.1011
7	3	HDR UNBIAS	10.752	11.015	0.2631
8	3	HDR UNBIAS	10.96	11.1	0.1396
9	3	HDR UNBIAS	10.33	10.843	0.5129
10	3	HDR UNBIAS	10.125	10.702	0.5775
11	10	HDR BIAS	10.492	11.005	0.5124
12	10	HDR BIAS	10.867	10.79	-0.0777
13	10	HDR BIAS	10.735	11.073	0.3387
14	10	HDR BIAS	10.803	10.952	0.1488
15	10	HDR BIAS	10.143	10.914	0.7708
16	10	HDR UNBIAS	10.491	11.007	0.5156
17	10	HDR UNBIAS	10.488	11.046	0.558
18	10	HDR UNBIAS	10.398	10.648	0.2504
19	10	HDR UNBIAS	10.433	10.913	0.4805
20	10	HDR UNBIAS	10.536	8.8802	-1.6557
31	30	HDR BIAS	10.096	10.802	0.7064
32	30	HDR BIAS	10.202	10.859	0.6572
33	30	HDR BIAS	10.405	11.085	0.6801
34	30	HDR BIAS	10.51	11.053	0.5433
35	30	HDR BIAS	10.308	10.908	0.6
36	30	HDR UNBIAS	10.655	10.521	-0.1342
37	30	HDR UNBIAS	10.213	10.912	0.6996
38	30	HDR UNBIAS	10.642	11.031	0.3886
39	30	HDR UNBIAS	10.324	10.965	0.6412
40	30	HDR UNBIAS	10.206	10.944	0.7386
41	50	HDR BIAS	10.38	10.787	0.4074
42	50	HDR BIAS	10.231	10.739	0.5084
43	50	HDR BIAS	10.413	11.056	0.6427
44	50	HDR BIAS	10.406	10.93	0.5235
45	50	HDR BIAS	10.168	10.885	0.7167
46	50	HDR UNBIAS	10.047	10.778	0.7307
47	50	HDR UNBIAS	10.973	10.987	0.0137
48	50	HDR UNBIAS	10.322	10.64	0.3185
49	50	HDR UNBIAS	10.546	10.95	0.4037
50	50	HDR UNBIAS	10.635	10.727	0.0923
51	100	HDR BIAS	10.468	10.854	0.3858
52	100	HDR BIAS	10.448	10.429	-0.0189
53	100	HDR BIAS	10.338	10.732	0.3943
54	100	HDR BIAS	10.222	10.469	0.2469
55	100	HDR BIAS	10.145	10.889	0.7447
56	100	HDR UNBIAS	10.296	10.568	0.2726
57	100	HDR UNBIAS	10.723	10.98	0.257
58	100	HDR UNBIAS	10.807	10.416	-0.3917
59	100	HDR UNBIAS	11.086	8.6622	-2.4243
60	100	HDR UNBIAS	10.628	10.87	0.2414
71	0	CORRELATION	10.867	10.96	0.0933
72	0	CORRELATION	10.777	8.9804	-1.7967
73	0	CORRELATION	10.296	10.892	0.5961

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.296	10.647	10.867	0.30732	8.9804	10.278	10.96	1.1239	-1.7967	-0.3691	0.5961	1.2616
3	10.095	10.501	10.96	0.29323	8.5948	10.631	11.122	0.74979	-2.2468	0.1298	0.7239	0.87946
10	10.143	10.539	10.867	0.21361	8.8802	10.723	11.073	0.65981	-1.6557	0.18418	0.7708	0.689
30	10.096	10.356	10.655	0.19311	10.521	10.908	11.085	0.16175	-0.1342	0.55208	0.7386	0.26158
50	10.047	10.412	10.973	0.26194	10.64	10.848	11.056	0.13296	0.0137	0.43576	0.7307	0.24345
100	10.145	10.516	11.086	0.29383	8.6622	10.487	10.98	0.6742	-2.4243	-0.02922	0.7447	0.89075

Device Test: 24.16 TIMING|OUT_FALL/OUTH/14/14/0/1000/5/500kHz//@OUT_FALL_14V





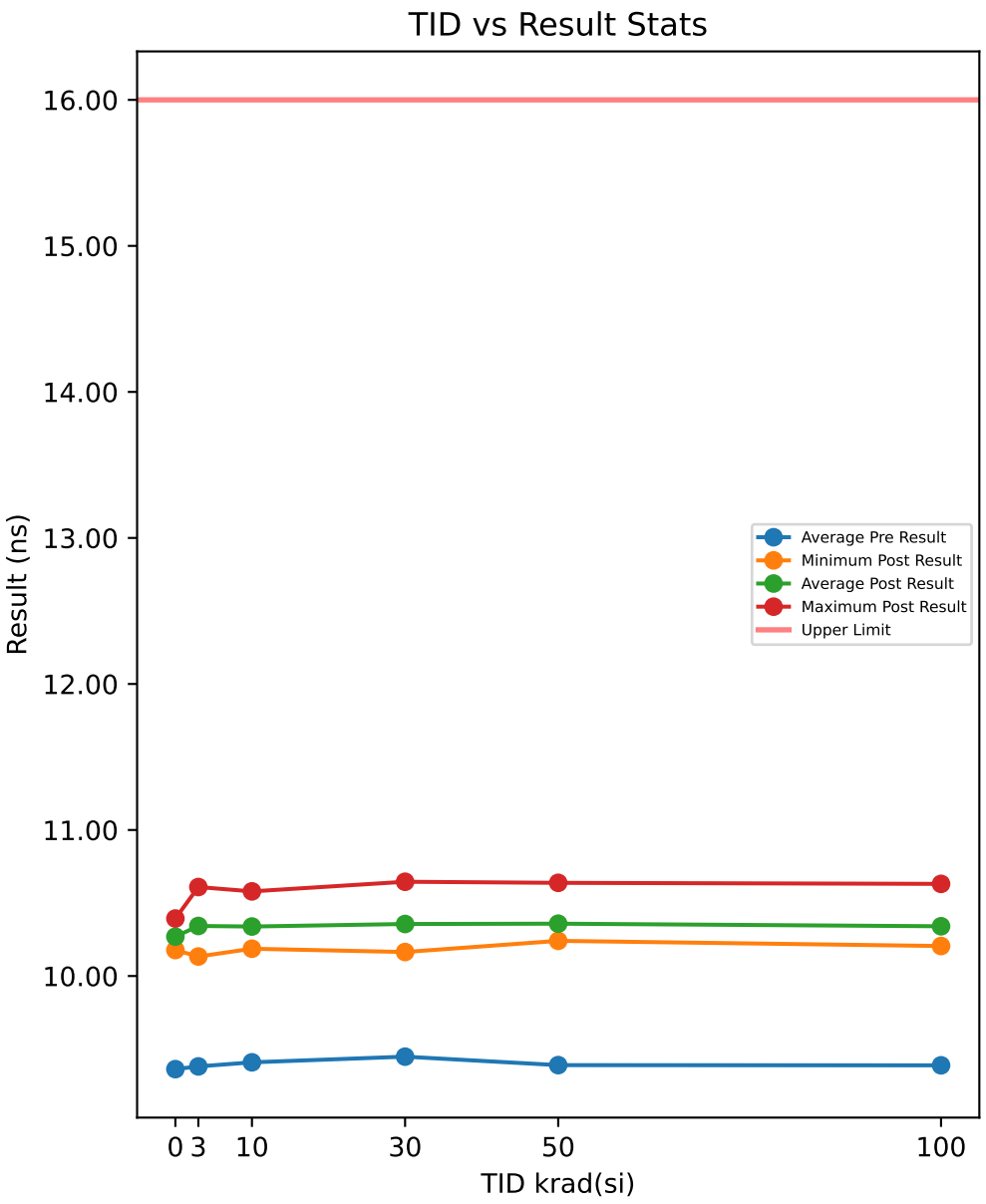
Test Results (Upper Limit = 18.0 (ns))

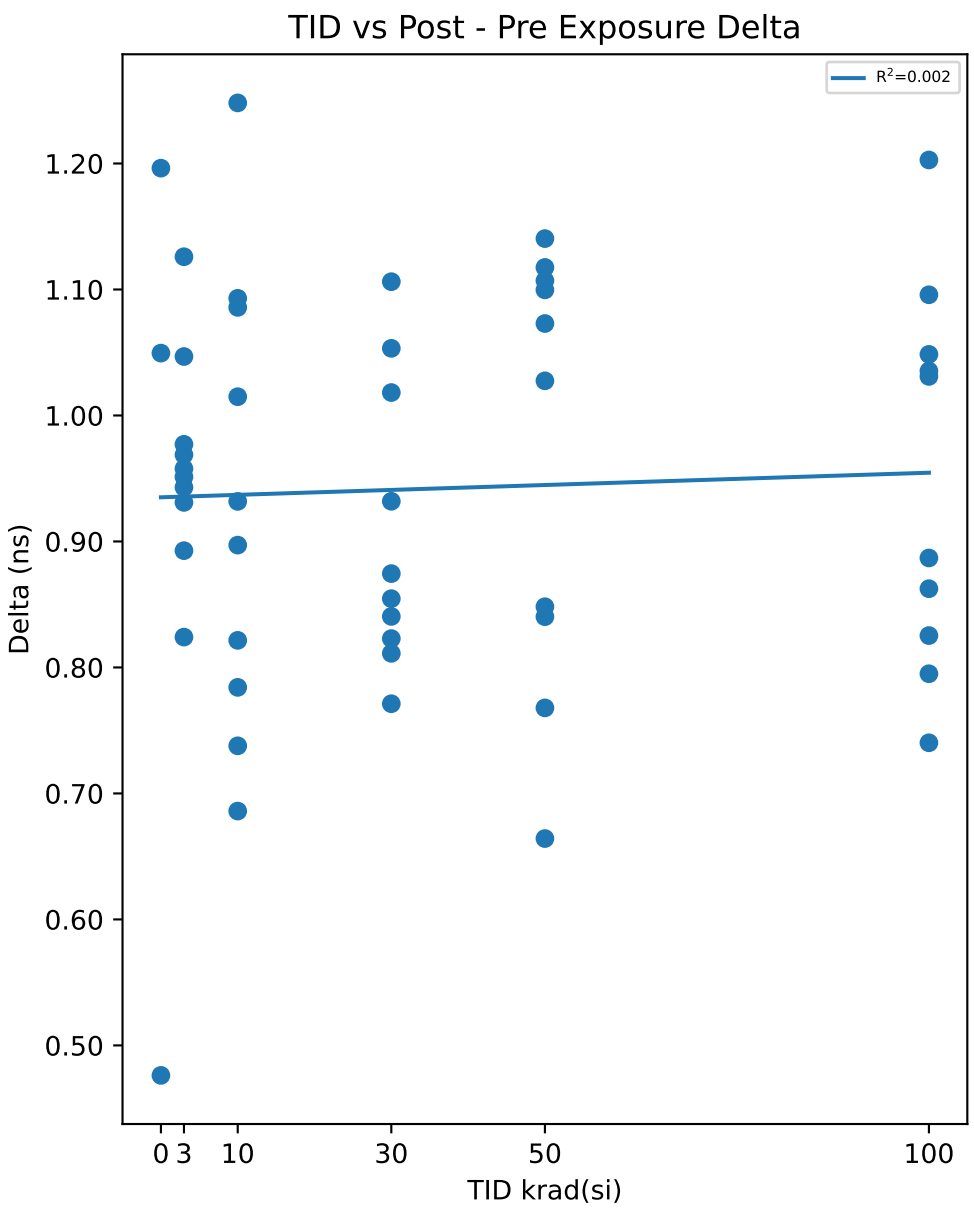
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	11.382	11.918	0.5363
2	3	HDR BIAS	11.203	11.79	0.5868
3	3	HDR BIAS	11.041	11.726	0.6848
4	3	HDR BIAS	11.36	11.894	0.5339
5	3	HDR BIAS	11.171	11.755	0.5837
6	3	HDR UNBIAS	10.781	11.496	0.7153
7	3	HDR UNBIAS	11.232	11.766	0.5347
8	3	HDR UNBIAS	10.979	11.602	0.6233
9	3	HDR UNBIAS	11.015	11.703	0.6887
10	3	HDR UNBIAS	11.276	11.76	0.4836
11	10	HDR BIAS	11.094	11.627	0.5331
12	10	HDR BIAS	10.784	11.54	0.7555
13	10	HDR BIAS	11.193	11.666	0.4724
14	10	HDR BIAS	11.19	11.729	0.5389
15	10	HDR BIAS	10.779	11.446	0.6668
16	10	HDR UNBIAS	11.313	11.897	0.5839
17	10	HDR UNBIAS	11.153	11.726	0.5734
18	10	HDR UNBIAS	10.969	11.672	0.7034
19	10	HDR UNBIAS	11.432	11.976	0.5438
20	10	HDR UNBIAS	11.251	11.81	0.5584
31	30	HDR BIAS	11.423	11.779	0.356
32	30	HDR BIAS	11.135	11.625	0.4896
33	30	HDR BIAS	10.784	11.418	0.6342
34	30	HDR BIAS	11.433	11.845	0.4125
35	30	HDR BIAS	11.088	11.619	0.5309
36	30	HDR UNBIAS	10.776	11.536	0.7604
37	30	HDR UNBIAS	11.326	11.81	0.484
38	30	HDR UNBIAS	11.247	11.79	0.5428
39	30	HDR UNBIAS	10.935	11.652	0.7174
40	30	HDR UNBIAS	11.262	11.72	0.4573
41	50	HDR BIAS	11.045	11.547	0.5016
42	50	HDR BIAS	10.915	11.51	0.5943
43	50	HDR BIAS	11.059	11.5	0.4404
44	50	HDR BIAS	11.082	11.613	0.5303
45	50	HDR BIAS	10.974	11.579	0.6055
46	50	HDR UNBIAS	11.258	11.715	0.4574
47	50	HDR UNBIAS	11.091	11.59	0.4986
48	50	HDR UNBIAS	11.071	11.713	0.642
49	50	HDR UNBIAS	11.339	11.889	0.5497
50	50	HDR UNBIAS	11.052	11.599	0.5471
51	100	HDR BIAS	11.069	11.709	0.6404
52	100	HDR BIAS	11.377	11.759	0.3821
53	100	HDR BIAS	11.13	11.646	0.5163
54	100	HDR BIAS	10.947	11.585	0.6378
55	100	HDR BIAS	11.423	11.821	0.3981
56	100	HDR UNBIAS	11.007	11.55	0.5431
57	100	HDR UNBIAS	11.102	11.697	0.5943
58	100	HDR UNBIAS	11.341	11.768	0.4266
59	100	HDR UNBIAS	11.104	11.585	0.4813
60	100	HDR UNBIAS	11.009	11.587	0.5779
71	0	CORRELATION	11.317	11.991	0.674
72	0	CORRELATION	10.961	11.623	0.6619
73	0	CORRELATION	11.354	11.675	0.3213

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.961	11.211	11.354	0.21672	11.623	11.763	11.991	0.19895	0.3213	0.5524	0.674	0.20023
3	10.781	11.144	11.382	0.18825	11.496	11.741	11.918	0.12433	0.4836	0.59711	0.7153	0.078523
10	10.779	11.116	11.432	0.21487	11.446	11.709	11.976	0.15819	0.4724	0.59296	0.7555	0.087677
30	10.776	11.141	11.433	0.24294	11.418	11.679	11.845	0.13524	0.356	0.53851	0.7604	0.12979
50	10.915	11.089	11.339	0.12414	11.5	11.625	11.889	0.1176	0.4404	0.53669	0.642	0.064724
100	10.947	11.151	11.423	0.1684	11.55	11.671	11.821	0.093553	0.3821	0.51979	0.6404	0.095388

Device Test: 24.17 TIMING|OUT_RISE/OUTH/4.5/12/0/1000/4.5/500kHz//@OUT_RISE_LDO





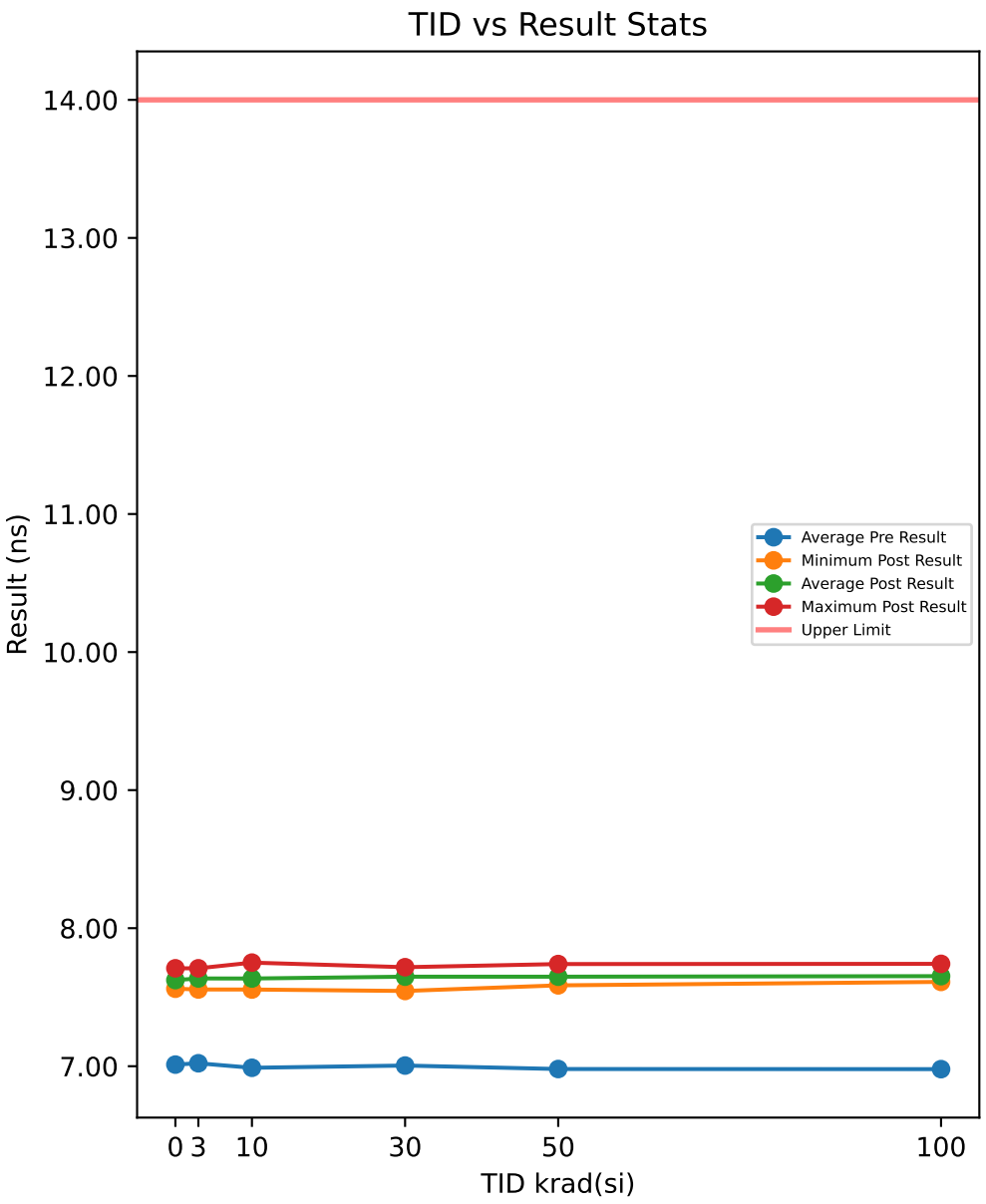
Test Results (Upper Limit = 16.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	9.6121	10.505	0.8927
2	3	HDR BIAS	9.1998	10.247	1.0468
3	3	HDR BIAS	9.2455	10.177	0.931
4	3	HDR BIAS	9.6516	10.609	0.9578
5	3	HDR BIAS	9.2758	10.219	0.943
6	3	HDR UNBIAS	9.1822	10.133	0.9513
7	3	HDR UNBIAS	9.5723	10.549	0.9771
8	3	HDR UNBIAS	9.1219	10.248	1.126
9	3	HDR UNBIAS	9.3832	10.207	0.8241
10	3	HDR UNBIAS	9.5642	10.533	0.9688
11	10	HDR BIAS	9.1719	10.187	1.0149
12	10	HDR BIAS	9.0955	10.188	1.093
13	10	HDR BIAS	9.5547	10.452	0.8971
14	10	HDR BIAS	9.3564	10.288	0.9318
15	10	HDR BIAS	9.4492	10.233	0.7842
16	10	HDR UNBIAS	9.7581	10.58	0.8215
17	10	HDR UNBIAS	9.0776	10.326	1.2481
18	10	HDR UNBIAS	9.4978	10.236	0.7378
19	10	HDR UNBIAS	9.8595	10.546	0.686
20	10	HDR UNBIAS	9.2676	10.353	1.0858
31	30	HDR BIAS	9.6309	10.454	0.8229
32	30	HDR BIAS	9.1387	10.245	1.1062
33	30	HDR BIAS	9.3531	10.164	0.8112
34	30	HDR BIAS	9.6515	10.423	0.7712
35	30	HDR BIAS	9.323	10.341	1.0182
36	30	HDR UNBIAS	9.3871	10.228	0.8405
37	30	HDR UNBIAS	9.6381	10.57	0.9319
38	30	HDR UNBIAS	9.2139	10.267	1.0533
39	30	HDR UNBIAS	9.3498	10.224	0.8745
40	30	HDR UNBIAS	9.7909	10.646	0.8546
41	50	HDR BIAS	9.1487	10.289	1.1404
42	50	HDR BIAS	9.6187	10.283	0.6642
43	50	HDR BIAS	9.6481	10.496	0.8482
44	50	HDR BIAS	9.1842	10.284	1.0997
45	50	HDR BIAS	9.4303	10.271	0.8403
46	50	HDR UNBIAS	9.5206	10.638	1.1175
47	50	HDR UNBIAS	9.2507	10.278	1.0275
48	50	HDR UNBIAS	9.1338	10.241	1.107
49	50	HDR UNBIAS	9.775	10.543	0.7679
50	50	HDR UNBIAS	9.1873	10.26	1.073
51	100	HDR BIAS	9.3435	10.23	0.8869
52	100	HDR BIAS	9.7204	10.461	0.7402
53	100	HDR BIAS	9.2545	10.29	1.0353
54	100	HDR BIAS	9.4305	10.293	0.8625
55	100	HDR BIAS	9.6533	10.479	0.8253
56	100	HDR UNBIAS	9.2488	10.297	1.0485
57	100	HDR UNBIAS	9.0824	10.285	1.2028
58	100	HDR UNBIAS	9.836	10.631	0.795
59	100	HDR UNBIAS	9.1744	10.205	1.031
60	100	HDR UNBIAS	9.1393	10.235	1.0958
71	0	CORRELATION	9.1974	10.394	1.1963
72	0	CORRELATION	9.1877	10.237	1.0495
73	0	CORRELATION	9.7016	10.178	0.4762

Test Statistics (ns)

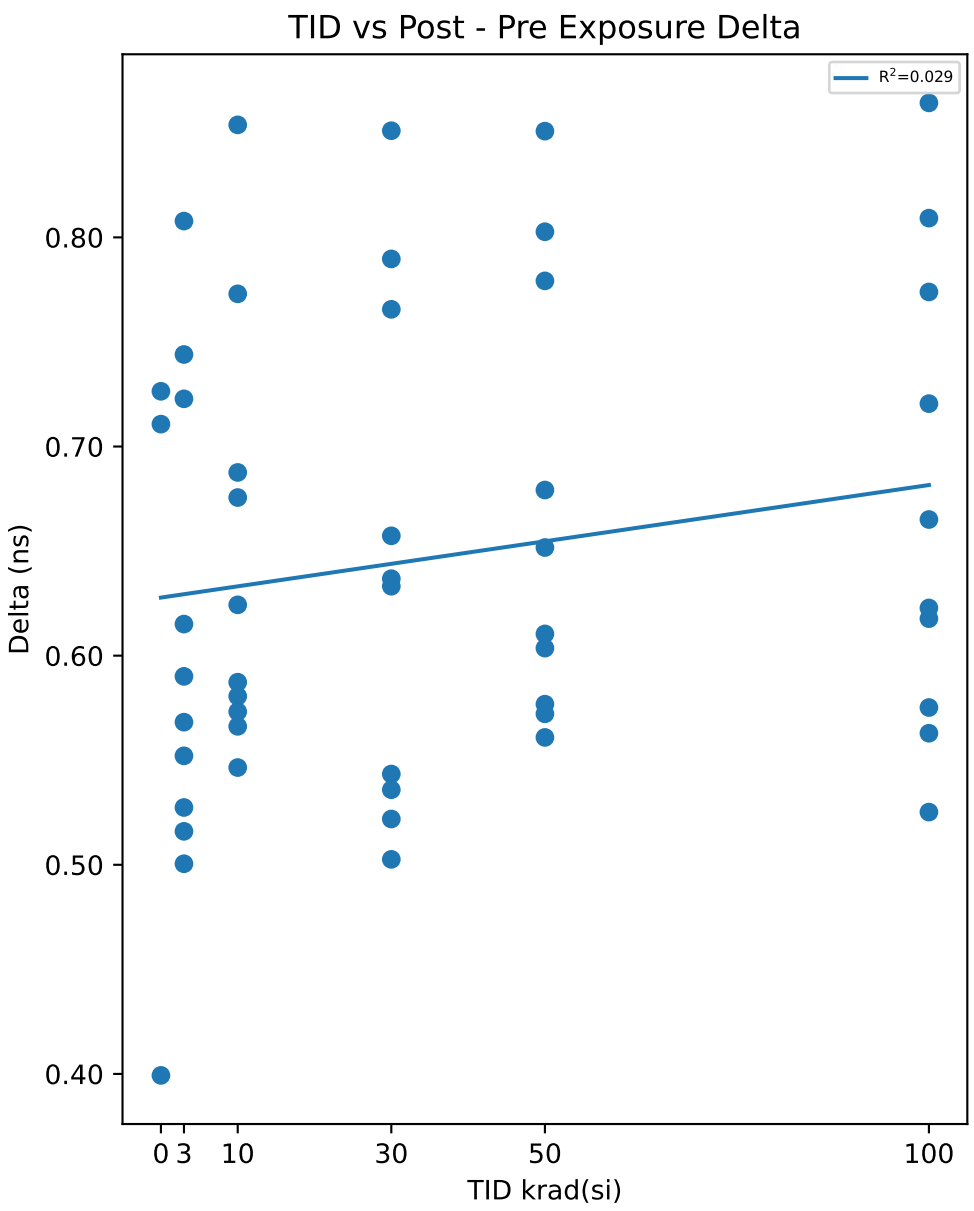
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.1877	9.3622	9.7016	0.29394	10.178	10.27	10.394	0.11153	0.4762	0.90733	1.1963	0.38052
3	9.1219	9.3809	9.6516	0.20158	10.133	10.343	10.609	0.18246	0.8241	0.96186	1.126	0.0814
10	9.0776	9.4088	9.8595	0.26722	10.187	10.339	10.58	0.14294	0.686	0.93002	1.2481	0.17945
30	9.1387	9.4477	9.7909	0.21526	10.164	10.356	10.646	0.16147	0.7712	0.90845	1.1062	0.114
50	9.1338	9.3897	9.775	0.23864	10.241	10.358	10.638	0.14335	0.6642	0.96857	1.1404	0.17201
100	9.0824	9.3883	9.836	0.26319	10.205	10.341	10.631	0.13708	0.7402	0.95233	1.2028	0.15051

Device Test: 24.18 TIMING|OUT_FALL/OUTH/4.5/12/0/1000/4.5/500kHz//@OUT_FALL_LDO



Test Results (Upper Limit = 14.0 (ns))

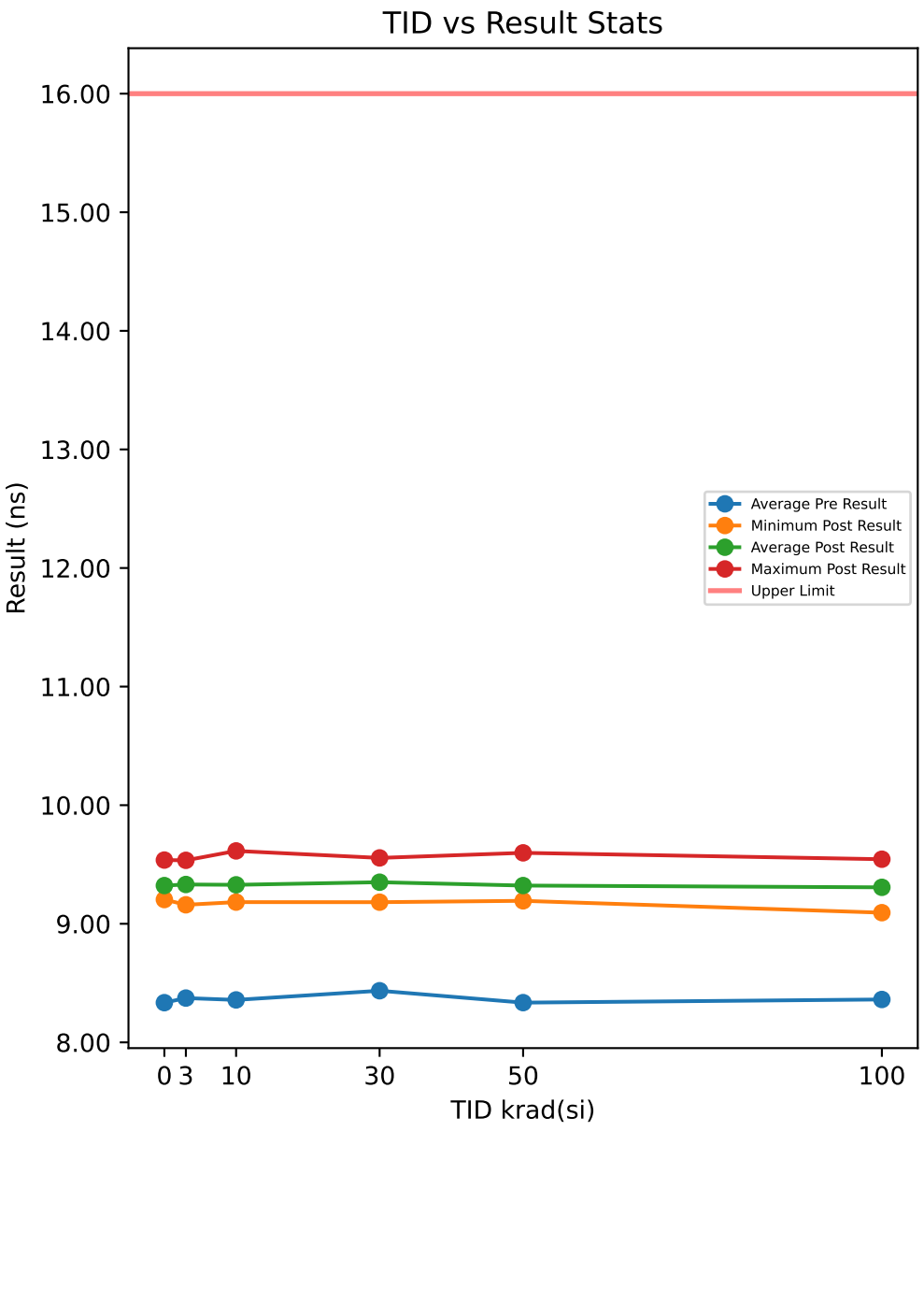
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	7.1684	7.6689	0.5005
2	3	HDR BIAS	7.0298	7.6449	0.6151
3	3	HDR BIAS	6.7879	7.5957	0.8078
4	3	HDR BIAS	7.1341	7.7023	0.5682
5	3	HDR BIAS	7.0619	7.5893	0.5274
6	3	HDR UNBIAS	6.8332	7.556	0.7228
7	3	HDR UNBIAS	7.1743	7.6903	0.516
8	3	HDR UNBIAS	7.0305	7.6206	0.5901
9	3	HDR UNBIAS	6.8364	7.5804	0.744
10	3	HDR UNBIAS	7.1572	7.7093	0.5521
11	10	HDR BIAS	7.0208	7.6014	0.5806
12	10	HDR BIAS	6.868	7.5556	0.6876
13	10	HDR BIAS	7.0952	7.6614	0.5662
14	10	HDR BIAS	6.9969	7.6212	0.6243
15	10	HDR BIAS	6.7845	7.5575	0.773
16	10	HDR UNBIAS	7.1573	7.7038	0.5465
17	10	HDR UNBIAS	7.0685	7.6417	0.5732
18	10	HDR UNBIAS	6.7667	7.6205	0.8538
19	10	HDR UNBIAS	7.1632	7.7505	0.5873
20	10	HDR UNBIAS	6.9655	7.6411	0.6756
31	30	HDR BIAS	7.206	7.7086	0.5026
32	30	HDR BIAS	6.9872	7.624	0.6368
33	30	HDR BIAS	6.7554	7.5451	0.7897
34	30	HDR BIAS	7.1767	7.6986	0.5219
35	30	HDR BIAS	6.9919	7.6251	0.6332
36	30	HDR UNBIAS	6.8201	7.5857	0.7656
37	30	HDR UNBIAS	7.1739	7.7173	0.5434
38	30	HDR UNBIAS	7.0037	7.661	0.6573
39	30	HDR UNBIAS	6.7685	7.6195	0.851
40	30	HDR UNBIAS	7.1653	7.7012	0.5359
41	50	HDR BIAS	6.9754	7.5858	0.6104
42	50	HDR BIAS	6.7426	7.5934	0.8508
43	50	HDR BIAS	7.1185	7.6907	0.5722
44	50	HDR BIAS	7.0316	7.6084	0.5768
45	50	HDR BIAS	6.8025	7.6052	0.8027
46	50	HDR UNBIAS	7.1595	7.7204	0.5609
47	50	HDR UNBIAS	6.9525	7.6317	0.6792
48	50	HDR UNBIAS	6.8391	7.6183	0.7792
49	50	HDR UNBIAS	7.1365	7.7401	0.6036
50	50	HDR UNBIAS	7.0393	7.691	0.6517
51	100	HDR BIAS	6.8907	7.6112	0.7205
52	100	HDR BIAS	7.0732	7.7383	0.6651
53	100	HDR BIAS	7.0499	7.6128	0.5629
54	100	HDR BIAS	6.7465	7.6108	0.8643
55	100	HDR BIAS	7.1756	7.7008	0.5252
56	100	HDR UNBIAS	7.0155	7.6383	0.6228
57	100	HDR UNBIAS	6.8445	7.6184	0.7739
58	100	HDR UNBIAS	7.1663	7.7415	0.5752
59	100	HDR UNBIAS	7.0123	7.63	0.6177
60	100	HDR UNBIAS	6.814	7.6232	0.8092
71	0	CORRELATION	6.9986	7.7093	0.7107
72	0	CORRELATION	6.8745	7.6009	0.7264
73	0	CORRELATION	7.1621	7.5614	0.3993

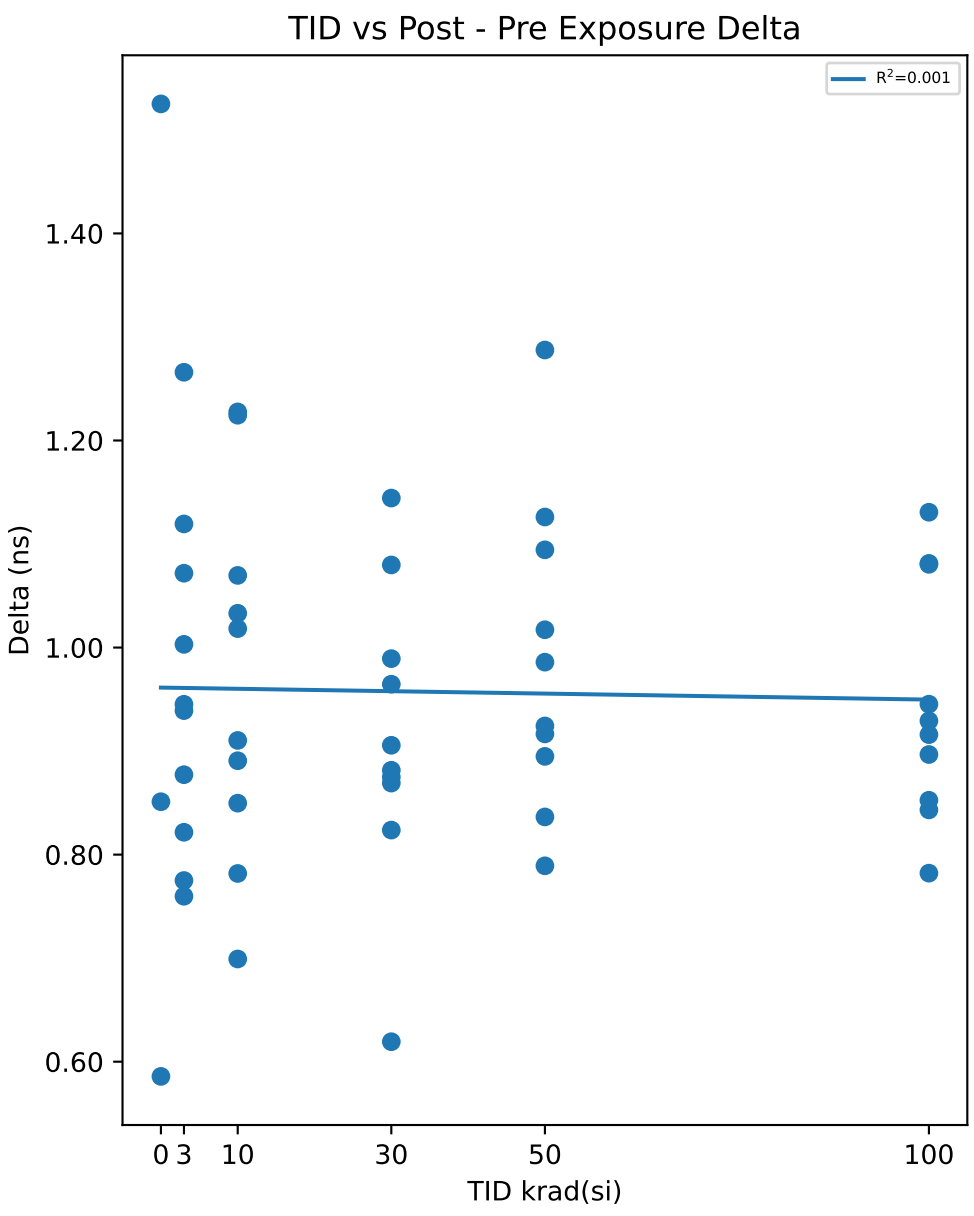


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.8745	7.0117	7.1621	0.14425	7.5614	7.6239	7.7093	0.076578	0.3993	0.61213	0.7264	0.18449
3	6.7879	7.0214	7.1743	0.14985	7.556	7.6358	7.7093	0.055188	0.5005	0.6144	0.8078	0.10687
10	6.7667	6.9887	7.1632	0.1429	7.5556	7.6355	7.7505	0.060269	0.5465	0.64681	0.8538	0.10092
30	6.7554	7.0049	7.206	0.17544	7.5451	7.6486	7.7173	0.058131	0.5026	0.64374	0.851	0.12289
50	6.7426	6.9798	7.1595	0.14551	7.5858	7.6485	7.7401	0.05656	0.5609	0.66875	0.8508	0.1058
100	6.7465	6.9788	7.1756	0.14804	7.6108	7.6525	7.7415	0.053088	0.5252	0.67368	0.8643	0.1139

Device Test: 24.19 TIMING|OUT_RISE/OUTH/5/12/0/1000/5/500kHz//@OUT_RISE_LDO





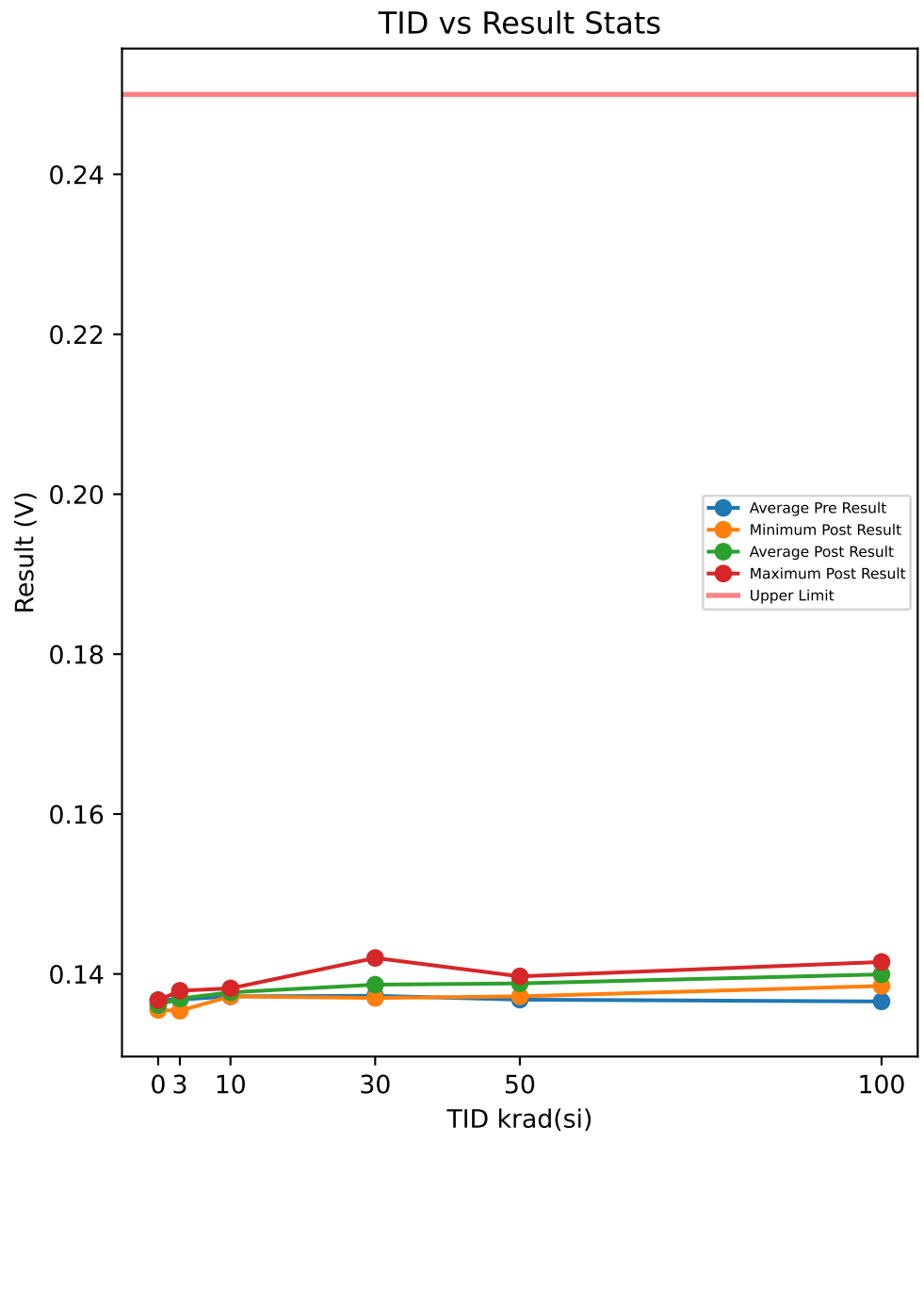
Test Results (Upper Limit = 16.0 (ns))

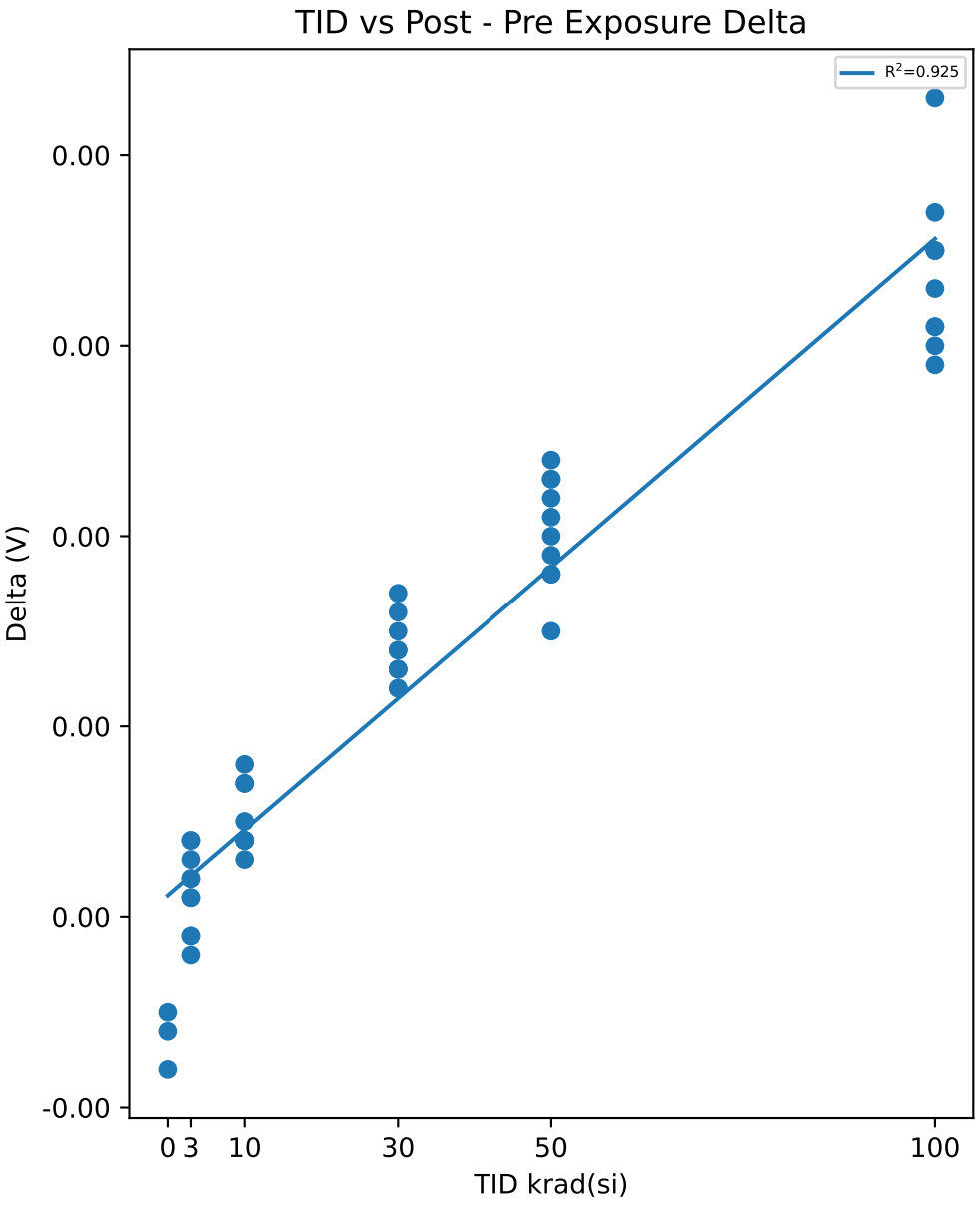
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	8.4157	9.5351	1.1194
2	3	HDR BIAS	8.1747	9.2465	1.0718
3	3	HDR BIAS	8.3851	9.1601	0.775
4	3	HDR BIAS	8.5107	9.5138	1.0031
5	3	HDR BIAS	7.9939	9.2598	1.2659
6	3	HDR UNBIAS	8.2987	9.1759	0.8772
7	3	HDR UNBIAS	8.6481	9.4697	0.8216
8	3	HDR UNBIAS	8.3048	9.2439	0.9391
9	3	HDR UNBIAS	8.4344	9.1942	0.7598
10	3	HDR UNBIAS	8.5686	9.5138	0.9452
11	10	HDR BIAS	8.0159	9.2435	1.2276
12	10	HDR BIAS	8.4008	9.1826	0.7818
13	10	HDR BIAS	8.5389	9.572	1.0331
14	10	HDR BIAS	8.1291	9.1988	1.0697
15	10	HDR BIAS	8.5217	9.2209	0.6992
16	10	HDR UNBIAS	8.7041	9.6144	0.9103
17	10	HDR UNBIAS	8.0642	9.2886	1.2244
18	10	HDR UNBIAS	8.3969	9.2466	0.8497
19	10	HDR UNBIAS	8.4904	9.5087	1.0183
20	10	HDR UNBIAS	8.3177	9.2084	0.8907
31	30	HDR BIAS	8.5788	9.4479	0.8691
32	30	HDR BIAS	8.1338	9.2782	1.1444
33	30	HDR BIAS	8.2338	9.2231	0.9893
34	30	HDR BIAS	8.9361	9.5554	0.6193
35	30	HDR BIAS	8.3277	9.2923	0.9646
36	30	HDR UNBIAS	8.3072	9.1821	0.8749
37	30	HDR UNBIAS	8.5746	9.4802	0.9056
38	30	HDR UNBIAS	8.214	9.2938	1.0798
39	30	HDR UNBIAS	8.4477	9.2714	0.8237
40	30	HDR UNBIAS	8.5993	9.4808	0.8815
41	50	HDR BIAS	8.2324	9.2183	0.9859
42	50	HDR BIAS	8.2692	9.1935	0.9243
43	50	HDR BIAS	8.5164	9.3528	0.8364
44	50	HDR BIAS	8.1914	9.3175	1.1261
45	50	HDR BIAS	8.1448	9.2392	1.0944
46	50	HDR UNBIAS	8.6815	9.5981	0.9166
47	50	HDR UNBIAS	7.9442	9.2316	1.2874
48	50	HDR UNBIAS	8.4454	9.2346	0.7892
49	50	HDR UNBIAS	8.5605	9.5777	1.0172
50	50	HDR UNBIAS	8.3646	9.2595	0.8949
51	100	HDR BIAS	8.3416	9.1941	0.8525
52	100	HDR BIAS	8.7012	9.5444	0.8432
53	100	HDR BIAS	8.1672	9.2485	1.0813
54	100	HDR BIAS	8.5129	9.295	0.7821
55	100	HDR BIAS	8.5366	9.4525	0.9159
56	100	HDR UNBIAS	8.228	9.3084	1.0804
57	100	HDR UNBIAS	8.2987	9.244	0.9453
58	100	HDR UNBIAS	8.5179	9.4471	0.9292
59	100	HDR UNBIAS	8.1152	9.2459	1.1307
60	100	HDR UNBIAS	8.1969	9.0936	0.8967
71	0	CORRELATION	8.0121	9.5372	1.5251
72	0	CORRELATION	8.3737	9.2248	0.8511
73	0	CORRELATION	8.6184	9.2042	0.5858

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.0121	8.3347	8.6184	0.30502	9.2042	9.3221	9.5372	0.1866	0.5858	0.98733	1.5251	0.48424
3	7.9939	8.3735	8.6481	0.19202	9.1601	9.3313	9.5351	0.15617	0.7598	0.95781	1.2659	0.16134
10	8.0159	8.358	8.7041	0.22548	9.1826	9.3285	9.6144	0.16771	0.6992	0.97048	1.2276	0.17651
30	8.1338	8.4353	8.9361	0.24182	9.1821	9.3505	9.5554	0.12821	0.6193	0.91522	1.1444	0.14471
50	7.9442	8.335	8.6815	0.22142	9.1935	9.3223	9.5981	0.14773	0.7892	0.98724	1.2874	0.14952
100	8.1152	8.3616	8.7012	0.19468	9.0936	9.3073	9.5444	0.1361	0.7821	0.94573	1.1307	0.1156

Device Test: 24.2 LEVEL|HIGH_LEVEL/OUTH/4.5/4.5/0/0/4.5/500kHz//@OUT_VOH





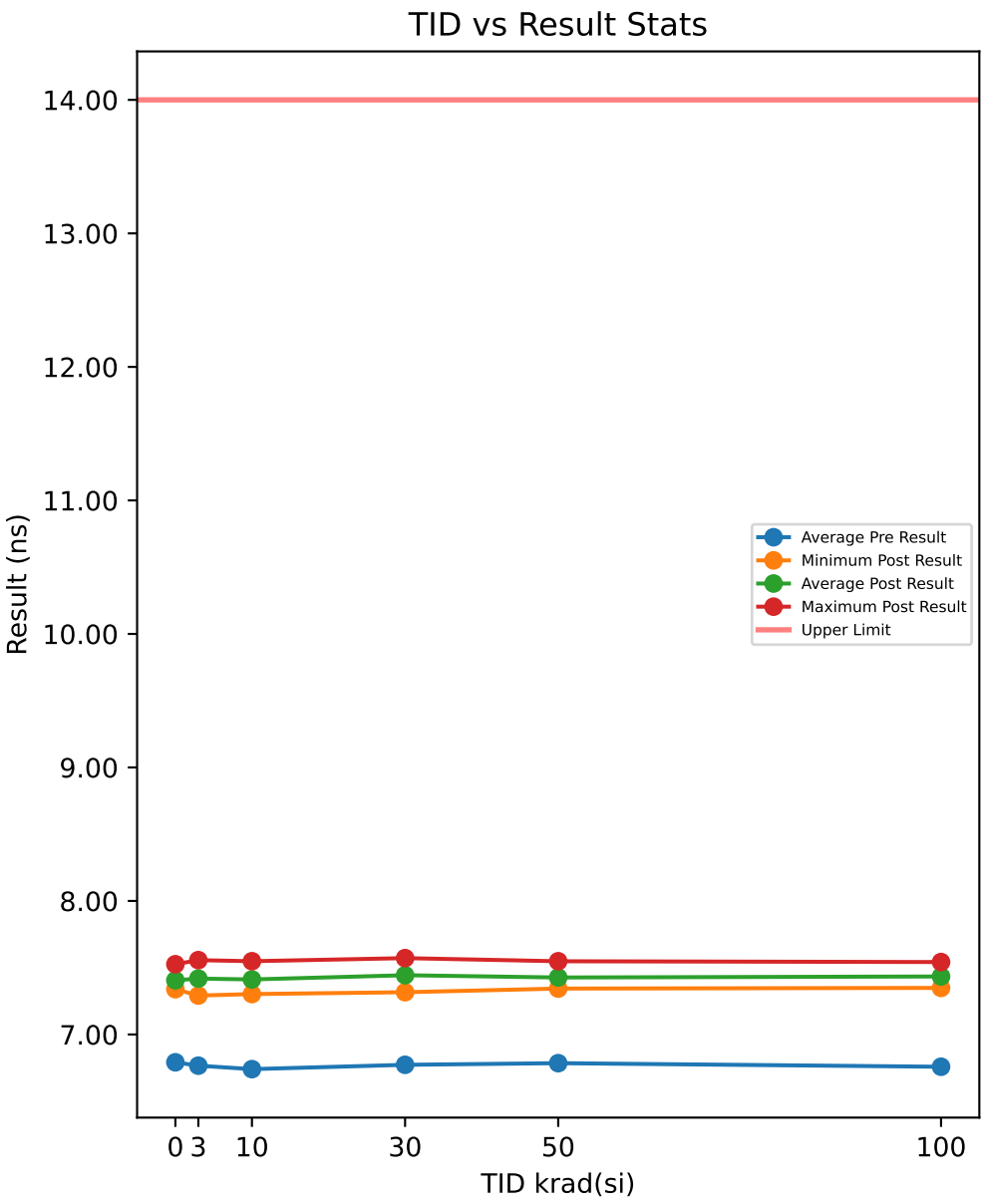
Test Results (Upper Limit = 0.25 (V))

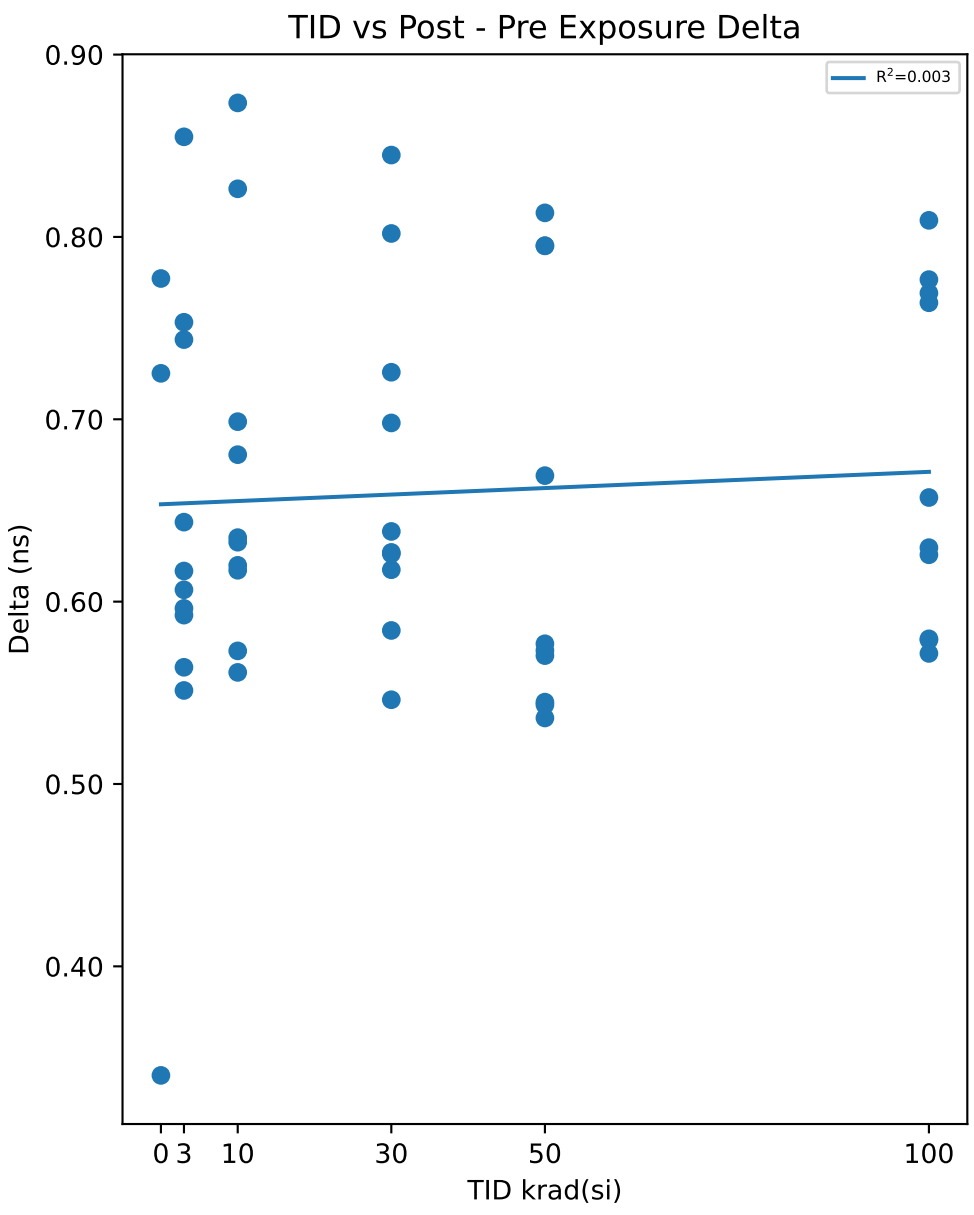
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1365	0.1366	0.0001
2	3	HDR BIAS	0.1365	0.1363	-0.0002
3	3	HDR BIAS	0.1357	0.136	0.0003
4	3	HDR BIAS	0.1369	0.137	0.0001
5	3	HDR BIAS	0.1372	0.1371	-0.0001
6	3	HDR UNBIAS	0.135	0.1354	0.0004
7	3	HDR UNBIAS	0.1376	0.1378	0.0002
8	3	HDR UNBIAS	0.1376	0.1375	-0.0001
9	3	HDR UNBIAS	0.1375	0.1379	0.0004
10	3	HDR UNBIAS	0.1374	0.1376	0.0002
11	10	HDR BIAS	0.1377	0.138	0.0003
12	10	HDR BIAS	0.1374	0.1381	0.0007
13	10	HDR BIAS	0.1367	0.1372	0.0005
14	10	HDR BIAS	0.1374	0.1378	0.0004
15	10	HDR BIAS	0.1367	0.1374	0.0007
16	10	HDR UNBIAS	0.137	0.1374	0.0004
17	10	HDR UNBIAS	0.1378	0.1382	0.0004
18	10	HDR UNBIAS	0.1368	0.1376	0.0008
19	10	HDR UNBIAS	0.1369	0.1373	0.0004
20	10	HDR UNBIAS	0.1376	0.138	0.0004
31	30	HDR BIAS	0.1405	0.142	0.0015
32	30	HDR BIAS	0.1379	0.1392	0.0013
33	30	HDR BIAS	0.1354	0.137	0.0016
34	30	HDR BIAS	0.1357	0.1371	0.0014
35	30	HDR BIAS	0.1366	0.1378	0.0012
36	30	HDR UNBIAS	0.1364	0.1378	0.0014
37	30	HDR UNBIAS	0.1373	0.1386	0.0013
38	30	HDR UNBIAS	0.1376	0.1388	0.0012
39	30	HDR UNBIAS	0.1374	0.1391	0.0017
40	30	HDR UNBIAS	0.1379	0.1392	0.0013
41	50	HDR BIAS	0.1364	0.1383	0.0019
42	50	HDR BIAS	0.1374	0.1397	0.0023
43	50	HDR BIAS	0.1354	0.1372	0.0018
44	50	HDR BIAS	0.1376	0.1396	0.002
45	50	HDR BIAS	0.1372	0.1395	0.0023
46	50	HDR UNBIAS	0.1379	0.1397	0.0018
47	50	HDR UNBIAS	0.1366	0.1381	0.0015
48	50	HDR UNBIAS	0.1366	0.1387	0.0021
49	50	HDR UNBIAS	0.1366	0.139	0.0024
50	50	HDR UNBIAS	0.1362	0.1384	0.0022
51	100	HDR BIAS	0.1349	0.1392	0.0043
52	100	HDR BIAS	0.136	0.1395	0.0035
53	100	HDR BIAS	0.1372	0.1403	0.0031
54	100	HDR BIAS	0.1369	0.1406	0.0037
55	100	HDR BIAS	0.138	0.1415	0.0035
56	100	HDR UNBIAS	0.1368	0.1397	0.0029
57	100	HDR UNBIAS	0.1371	0.1404	0.0033
58	100	HDR UNBIAS	0.1354	0.1385	0.0031
59	100	HDR UNBIAS	0.1364	0.1394	0.003
60	100	HDR UNBIAS	0.1369	0.1404	0.0035
71	0	CORRELATION	0.1363	0.1355	-0.0008
72	0	CORRELATION	0.1366	0.1361	-0.0005
73	0	CORRELATION	0.1373	0.1367	-0.0006

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	0.1363	0.13673	0.1373	0.00051316	0.1355	0.1361	0.1367	0.0006	-0.0008	-0.00063333	-0.0005	0.00015275
3	0.135	0.13679	0.1376	0.00087743	0.1354	0.13692	0.1379	0.00083106	-0.0002	0.00013	0.0004	0.00021108
10	0.1367	0.1372	0.1378	0.00042687	0.1372	0.1377	0.1382	0.00036515	0.0003	0.0005	0.0008	0.00016997
30	0.1354	0.13727	0.1405	0.0014345	0.137	0.13866	0.142	0.0014385	0.0012	0.00139	0.0017	0.00016633
50	0.1354	0.13679	0.1379	0.00074304	0.1372	0.13882	0.1397	0.00083373	0.0015	0.00203	0.0024	0.00028304
100	0.1349	0.13656	0.138	0.00091311	0.1385	0.13995	0.1415	0.00085538	0.0029	0.00339	0.0043	0.00041218

Device Test: 24.20 TIMING|OUT_FALL/OUTH/5/12/0/1000/5/500kHz//@OUT_FALL_LDO





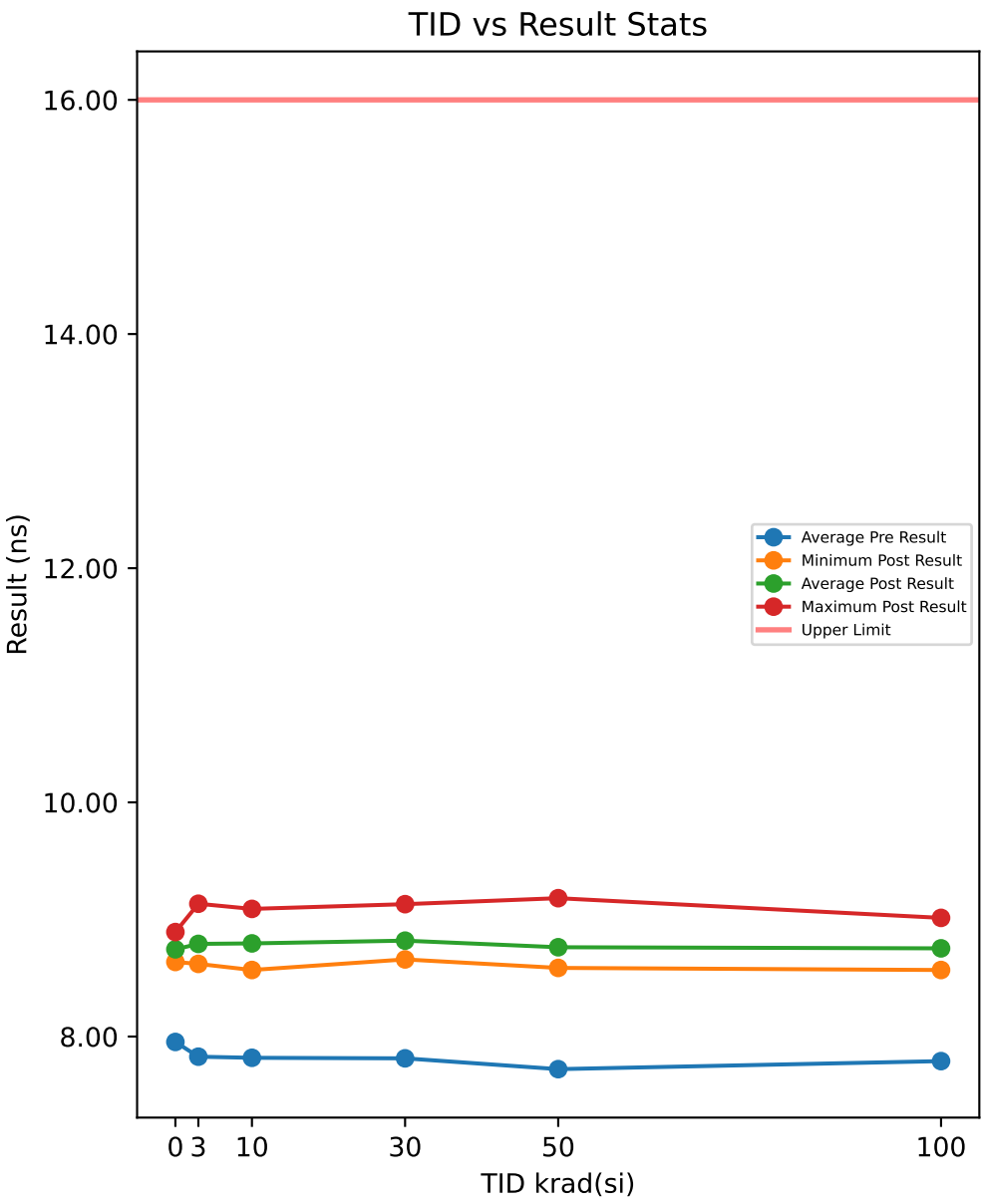
Test Results (Upper Limit = 14.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.9646	7.5159	0.5513
2	3	HDR BIAS	6.7631	7.3799	0.6168
3	3	HDR BIAS	6.5717	7.3249	0.7532
4	3	HDR BIAS	6.973	7.537	0.564
5	3	HDR BIAS	6.7436	7.3872	0.6436
6	3	HDR UNBIAS	6.5477	7.2914	0.7437
7	3	HDR UNBIAS	6.8981	7.4907	0.5926
8	3	HDR UNBIAS	6.7339	7.3404	0.6065
9	3	HDR UNBIAS	6.5062	7.3611	0.8549
10	3	HDR UNBIAS	6.9604	7.5567	0.5963
11	10	HDR BIAS	6.7645	7.3817	0.6172
12	10	HDR BIAS	6.6052	7.3039	0.6987
13	10	HDR BIAS	6.8399	7.4725	0.6326
14	10	HDR BIAS	6.7537	7.3736	0.6199
15	10	HDR BIAS	6.4762	7.3026	0.8264
16	10	HDR UNBIAS	6.9874	7.5486	0.5612
17	10	HDR UNBIAS	6.7027	7.3833	0.6806
18	10	HDR UNBIAS	6.5374	7.4109	0.8735
19	10	HDR UNBIAS	6.9696	7.5426	0.573
20	10	HDR UNBIAS	6.7661	7.4012	0.6351
31	30	HDR BIAS	6.9314	7.5584	0.627
32	30	HDR BIAS	6.7451	7.3836	0.6385
33	30	HDR BIAS	6.5377	7.3396	0.8019
34	30	HDR BIAS	6.9632	7.5094	0.5462
35	30	HDR BIAS	6.777	7.4032	0.6262
36	30	HDR UNBIAS	6.6184	7.3164	0.698
37	30	HDR UNBIAS	6.9543	7.5718	0.6175
38	30	HDR UNBIAS	6.7109	7.4367	0.7258
39	30	HDR UNBIAS	6.5364	7.3813	0.8449
40	30	HDR UNBIAS	6.9526	7.5368	0.5842
41	50	HDR BIAS	6.7705	7.3437	0.5732
42	50	HDR BIAS	6.5733	7.3684	0.7951
43	50	HDR BIAS	6.9022	7.4726	0.5704
44	50	HDR BIAS	6.8381	7.415	0.5769
45	50	HDR BIAS	6.5889	7.4021	0.8132
46	50	HDR UNBIAS	6.9949	7.5383	0.5434
47	50	HDR UNBIAS	6.8372	7.3821	0.5449
48	50	HDR UNBIAS	6.5801	7.3753	0.7952
49	50	HDR UNBIAS	7.0122	7.5484	0.5362
50	50	HDR UNBIAS	6.7523	7.4214	0.6691
51	100	HDR BIAS	6.5905	7.3996	0.8091
52	100	HDR BIAS	6.956	7.5276	0.5716
53	100	HDR BIAS	6.7523	7.4094	0.6571
54	100	HDR BIAS	6.6101	7.3793	0.7692
55	100	HDR BIAS	6.9581	7.5371	0.579
56	100	HDR UNBIAS	6.7766	7.4062	0.6296
57	100	HDR UNBIAS	6.6097	7.3863	0.7766
58	100	HDR UNBIAS	6.9628	7.5424	0.5796
59	100	HDR UNBIAS	6.7809	7.4066	0.6257
60	100	HDR UNBIAS	6.5849	7.3488	0.7639
71	0	CORRELATION	6.8007	7.5259	0.7252
72	0	CORRELATION	6.5618	7.339	0.7772
73	0	CORRELATION	7.0118	7.352	0.3402

Test Statistics (ns)

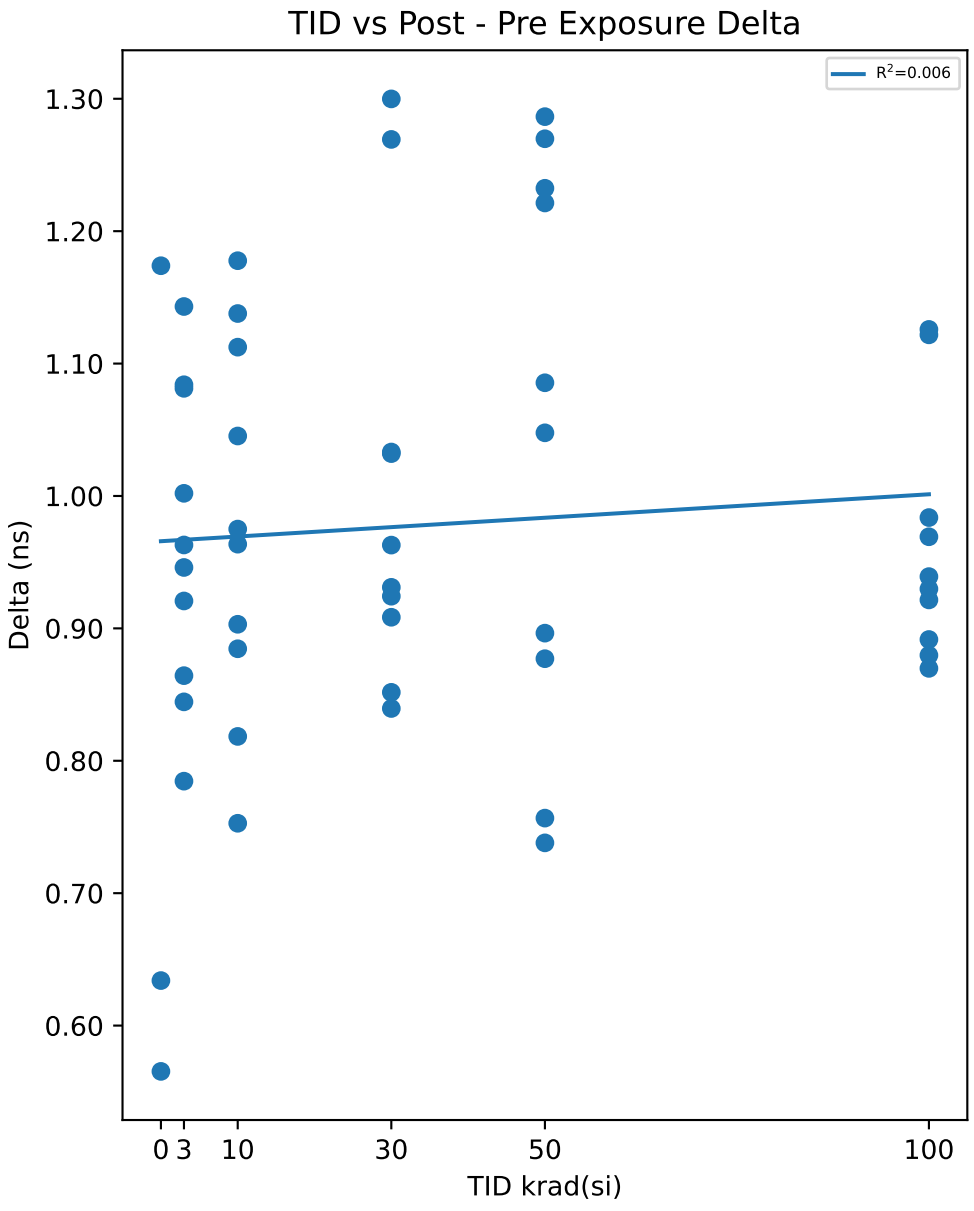
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.5618	6.7914	7.0118	0.22514	7.339	7.4056	7.5259	0.10436	0.3402	0.6142	0.7772	0.23871
3	6.5062	6.7662	6.973	0.18012	7.2914	7.4185	7.5567	0.096965	0.5513	0.65229	0.8549	0.098721
10	6.4762	6.7403	6.9874	0.16851	7.3026	7.4121	7.5486	0.085871	0.5612	0.67182	0.8735	0.10325
30	6.5364	6.7727	6.9632	0.17201	7.3164	7.4437	7.5718	0.093563	0.5462	0.67102	0.8449	0.095498
50	6.5733	6.785	7.0122	0.16381	7.3437	7.4267	7.5484	0.070759	0.5362	0.64176	0.8132	0.11614
100	6.5849	6.7582	6.9628	0.15775	7.3488	7.4343	7.5424	0.072248	0.5716	0.67614	0.8091	0.093625

Device Test: 24.21 TIMING|OUT_RISE/OUTH/5.5/12/0/1000/5.5/500kHz//@OUT_RISE_LDO



Test Results (Upper Limit = 16.0 (ns))

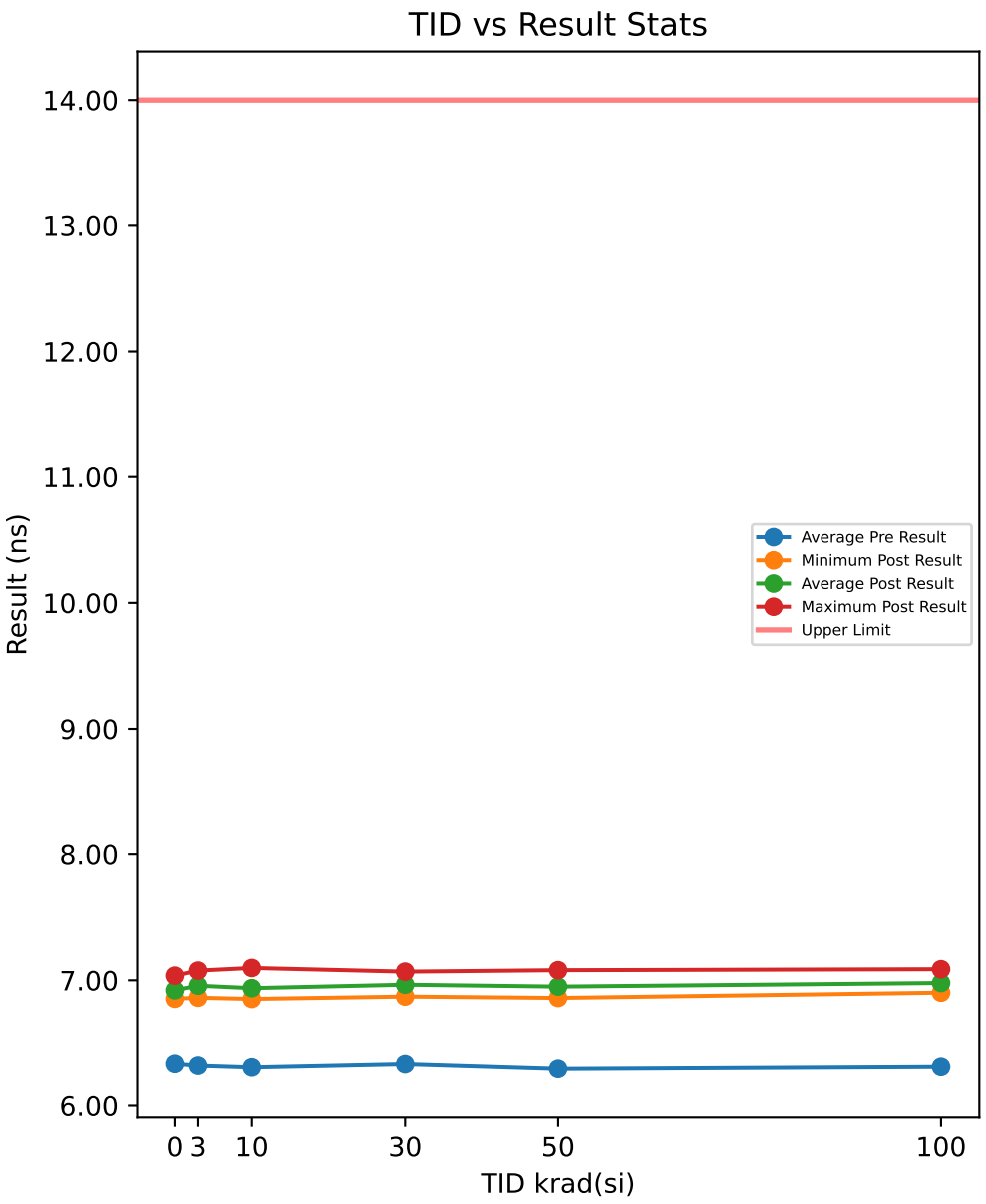
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	8.0123	8.9753	0.963
2	3	HDR BIAS	7.8032	8.6675	0.8643
3	3	HDR BIAS	7.86	8.6446	0.7846
4	3	HDR BIAS	7.9911	9.1342	1.1431
5	3	HDR BIAS	7.6178	8.6991	1.0813
6	3	HDR UNBIAS	7.776	8.6205	0.8445
7	3	HDR UNBIAS	7.9532	8.9552	1.002
8	3	HDR UNBIAS	7.5636	8.6476	1.084
9	3	HDR UNBIAS	7.704	8.6247	0.9207
10	3	HDR UNBIAS	7.9982	8.9442	0.946
11	10	HDR BIAS	7.5749	8.7526	1.1777
12	10	HDR BIAS	7.7611	8.6457	0.8846
13	10	HDR BIAS	7.9566	9.069	1.1124
14	10	HDR BIAS	7.7166	8.6916	0.975
15	10	HDR BIAS	7.8156	8.5684	0.7528
16	10	HDR UNBIAS	7.8937	9.0315	1.1378
17	10	HDR UNBIAS	7.759	8.7226	0.9636
18	10	HDR UNBIAS	7.8391	8.6575	0.8184
19	10	HDR UNBIAS	8.0449	9.0902	1.0453
20	10	HDR UNBIAS	7.8232	8.7263	0.9031
31	30	HDR BIAS	8.0111	8.974	0.9629
32	30	HDR BIAS	7.44	8.7093	1.2693
33	30	HDR BIAS	7.8081	8.6598	0.8517
34	30	HDR BIAS	7.9045	8.9365	1.032
35	30	HDR BIAS	7.4166	8.7165	1.2999
36	30	HDR UNBIAS	7.8192	8.6587	0.8395
37	30	HDR UNBIAS	8.2222	9.1306	0.9084
38	30	HDR UNBIAS	7.7014	8.7346	1.0332
39	30	HDR UNBIAS	7.7725	8.6968	0.9243
40	30	HDR UNBIAS	8.0422	8.9732	0.931
41	50	HDR BIAS	7.3898	8.6763	1.2865
42	50	HDR BIAS	7.7718	8.6489	0.8771
43	50	HDR BIAS	7.8405	8.926	1.0855
44	50	HDR BIAS	7.6238	8.6715	1.0477
45	50	HDR BIAS	7.7608	8.6572	0.8964
46	50	HDR UNBIAS	8.1602	8.8982	0.738
47	50	HDR UNBIAS	7.4415	8.7113	1.2698
48	50	HDR UNBIAS	7.8295	8.5862	0.7567
49	50	HDR UNBIAS	7.9604	9.1817	1.2213
50	50	HDR UNBIAS	7.4375	8.6699	1.2324
51	100	HDR BIAS	7.6708	8.6099	0.9391
52	100	HDR BIAS	8.067	8.9586	0.8916
53	100	HDR BIAS	7.7909	8.7746	0.9837
54	100	HDR BIAS	7.7374	8.6589	0.9215
55	100	HDR BIAS	8.0443	9.0135	0.9692
56	100	HDR UNBIAS	7.5881	8.7098	1.1217
57	100	HDR UNBIAS	7.7736	8.7034	0.9298
58	100	HDR UNBIAS	8.0764	8.9561	0.8797
59	100	HDR UNBIAS	7.4536	8.5794	1.1258
60	100	HDR UNBIAS	7.6985	8.5683	0.8698
71	0	CORRELATION	7.7185	8.8924	1.1739
72	0	CORRELATION	8.0715	8.7055	0.634
73	0	CORRELATION	8.0715	8.6369	0.5654

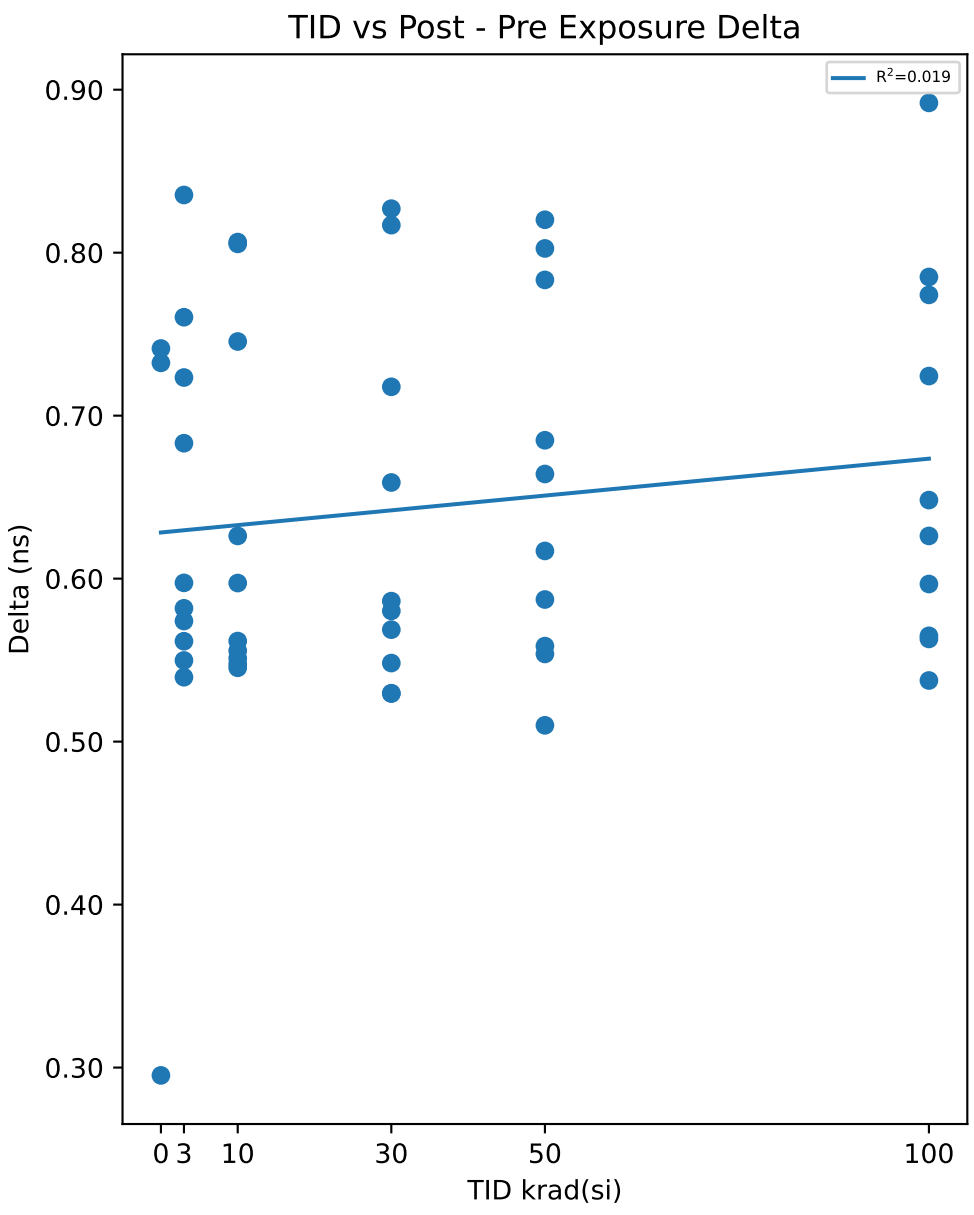


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.7185	7.9538	8.0715	0.2038	8.6369	8.7449	8.8924	0.13224	0.5654	0.7911	1.1739	0.33328
3	7.5636	7.8279	8.0123	0.16297	8.6205	8.7913	9.1342	0.18991	0.7846	0.96335	1.1431	0.1156
10	7.5749	7.8185	8.0449	0.13038	8.5684	8.7955	9.0902	0.1924	0.7528	0.97707	1.1777	0.14092
30	7.4166	7.8138	8.2222	0.25342	8.6587	8.819	9.1306	0.16811	0.8395	1.0052	1.2999	0.16067
50	7.3898	7.7216	8.1602	0.24901	8.5862	8.7627	9.1817	0.18344	0.738	1.0411	1.2865	0.21192
100	7.4536	7.7901	8.0764	0.2116	8.5683	8.7532	9.0135	0.16659	0.8698	0.96319	1.1258	0.09206

Device Test: 24.22 TIMING|OUT_FALL/OUTH/5.5/12/0/1000/5.5/500kHz//@OUT_FALL_LDO





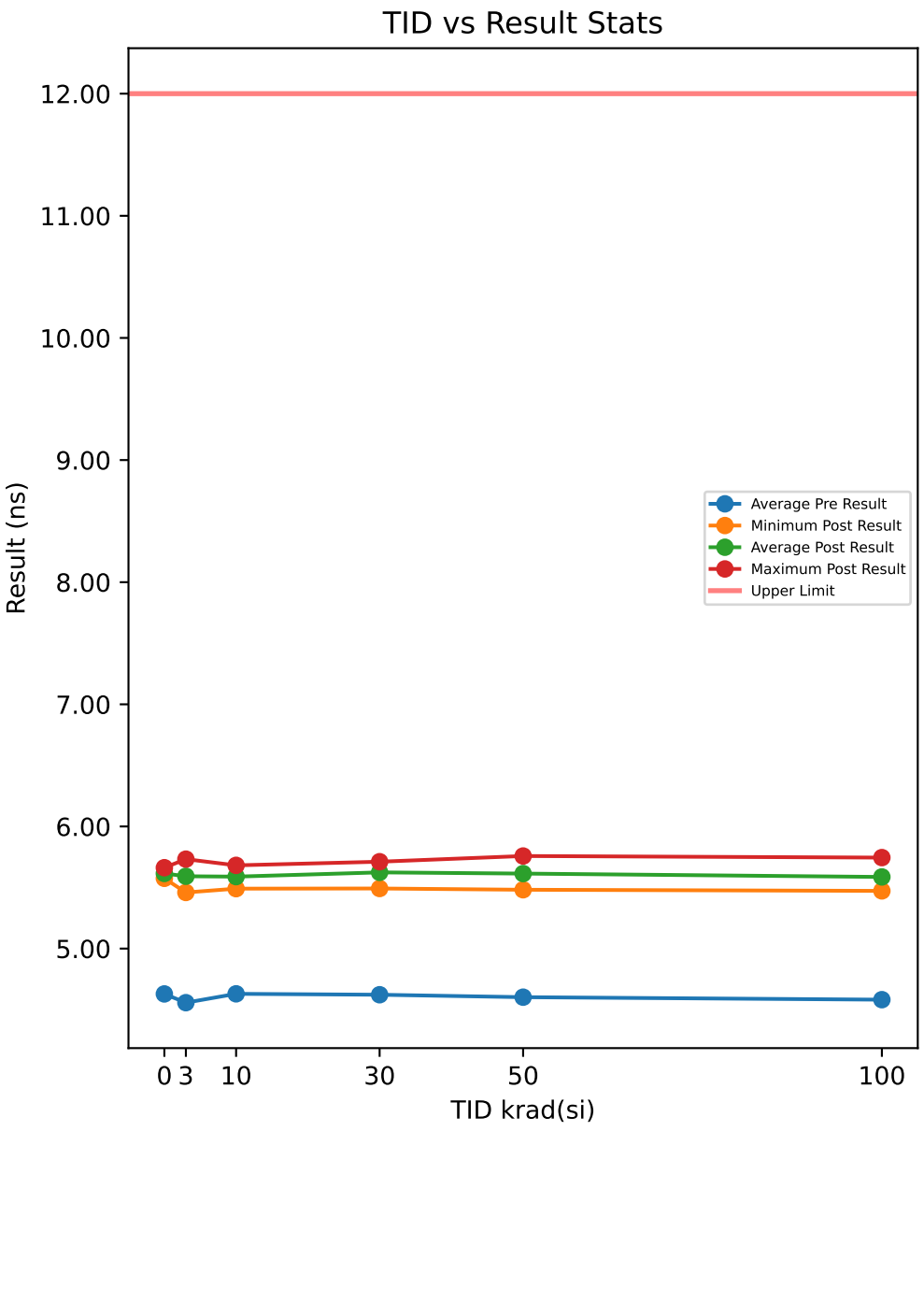
Test Results (Upper Limit = 14.0 (ns))

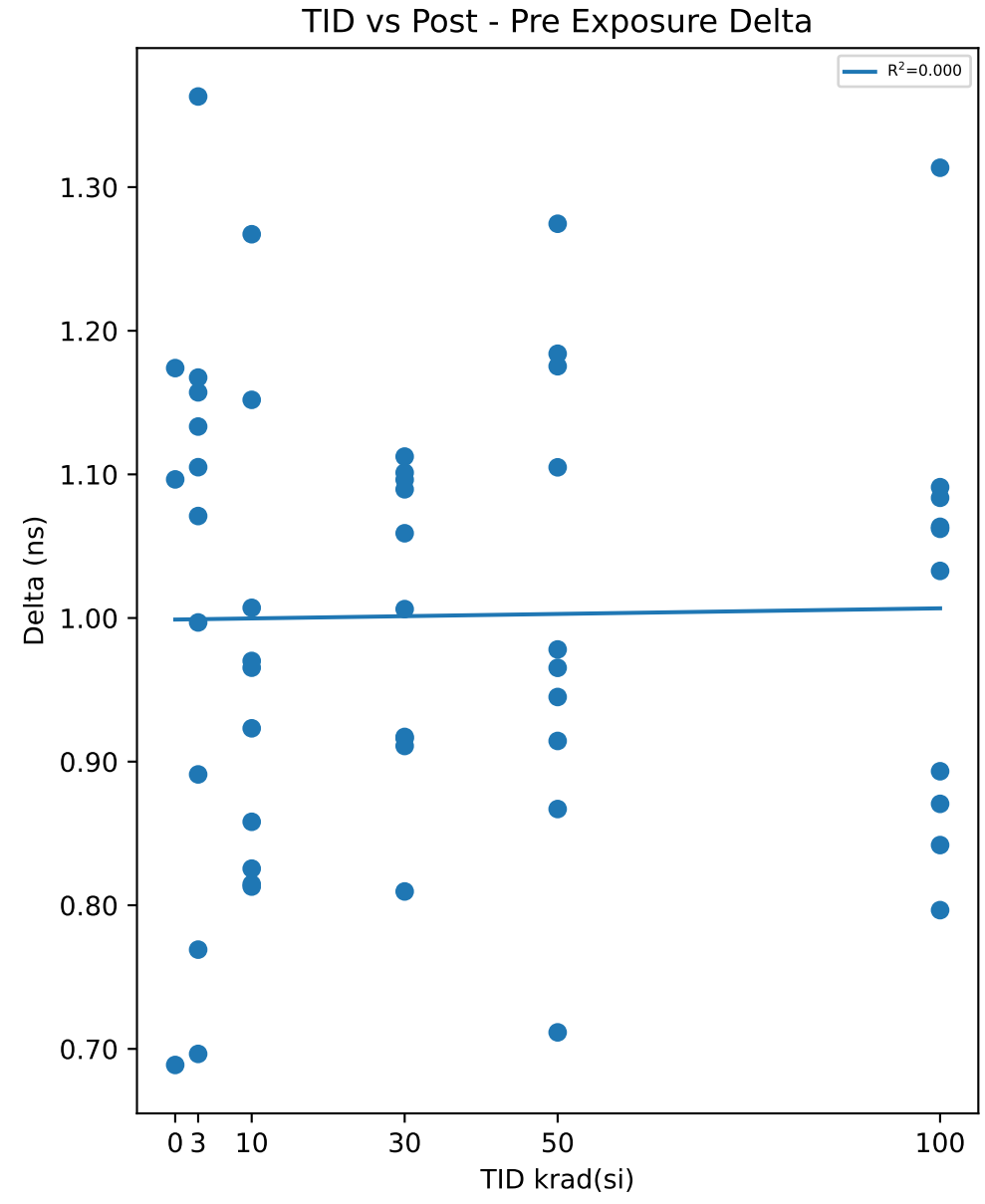
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	6.5379	7.0774	0.5395
2	3	HDR BIAS	6.2557	6.9388	0.6831
3	3	HDR BIAS	6.1021	6.8625	0.7604
4	3	HDR BIAS	6.5191	7.0689	0.5498
5	3	HDR BIAS	6.3069	6.9043	0.5974
6	3	HDR UNBIAS	6.0259	6.8613	0.8354
7	3	HDR UNBIAS	6.4613	7.0431	0.5818
8	3	HDR UNBIAS	6.3111	6.8727	0.5616
9	3	HDR UNBIAS	6.1571	6.8805	0.7234
10	3	HDR UNBIAS	6.4879	7.0619	0.574
11	10	HDR BIAS	6.2945	6.8562	0.5617
12	10	HDR BIAS	6.077	6.8835	0.8065
13	10	HDR BIAS	6.4271	6.9783	0.5512
14	10	HDR BIAS	6.2649	6.8911	0.6262
15	10	HDR BIAS	6.1059	6.8514	0.7455
16	10	HDR UNBIAS	6.5531	7.0984	0.5453
17	10	HDR UNBIAS	6.3535	6.9093	0.5558
18	10	HDR UNBIAS	6.1351	6.9405	0.8054
19	10	HDR UNBIAS	6.5081	7.0558	0.5477
20	10	HDR UNBIAS	6.3129	6.9102	0.5973
31	30	HDR BIAS	6.5011	7.0308	0.5297
32	30	HDR BIAS	6.3213	6.9075	0.5862
33	30	HDR BIAS	6.0474	6.8744	0.827
34	30	HDR BIAS	6.521	7.0692	0.5482
35	30	HDR BIAS	6.3529	6.9216	0.5687
36	30	HDR UNBIAS	6.1526	6.8703	0.7177
37	30	HDR UNBIAS	6.527	7.0565	0.5295
38	30	HDR UNBIAS	6.292	6.951	0.659
39	30	HDR UNBIAS	6.1267	6.9436	0.8169
40	30	HDR UNBIAS	6.4441	7.0243	0.5802
41	50	HDR BIAS	6.2486	6.9128	0.6642
42	50	HDR BIAS	6.0767	6.8793	0.8026
43	50	HDR BIAS	6.4012	6.9884	0.5872
44	50	HDR BIAS	6.3067	6.9237	0.617
45	50	HDR BIAS	6.1664	6.9497	0.7833
46	50	HDR UNBIAS	6.5221	7.0807	0.5586
47	50	HDR UNBIAS	6.3056	6.8594	0.5538
48	50	HDR UNBIAS	6.112	6.9322	0.8202
49	50	HDR UNBIAS	6.5579	7.0679	0.51
50	50	HDR UNBIAS	6.2197	6.9046	0.6849
51	100	HDR BIAS	6.0946	6.9865	0.8919
52	100	HDR BIAS	6.5416	7.0791	0.5375
53	100	HDR BIAS	6.3161	6.9423	0.6262
54	100	HDR BIAS	6.1626	6.9477	0.7851
55	100	HDR BIAS	6.5237	7.0886	0.5649
56	100	HDR UNBIAS	6.3129	6.9096	0.5967
57	100	HDR UNBIAS	6.2093	6.9336	0.7243
58	100	HDR UNBIAS	6.5137	7.0767	0.563
59	100	HDR UNBIAS	6.2532	6.9014	0.6482
60	100	HDR UNBIAS	6.1458	6.9199	0.7741
71	0	CORRELATION	6.2959	7.0371	0.7412
72	0	CORRELATION	6.1205	6.8529	0.7324
73	0	CORRELATION	6.5764	6.8716	0.2952

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.1205	6.3309	6.5764	0.22996	6.8529	6.9205	7.0371	0.10138	0.2952	0.5896	0.7412	0.255
3	6.0259	6.3165	6.5379	0.18259	6.8613	6.9571	7.0774	0.094039	0.5395	0.64064	0.8354	0.10297
10	6.077	6.3032	6.5531	0.16408	6.8514	6.9375	7.0984	0.083126	0.5453	0.63426	0.8065	0.10877
30	6.0474	6.3286	6.527	0.17393	6.8703	6.9649	7.0692	0.074607	0.5295	0.63631	0.827	0.11396
50	6.0767	6.2917	6.5579	0.16249	6.8594	6.9499	7.0807	0.074623	0.51	0.65818	0.8202	0.11206
100	6.0946	6.3073	6.5416	0.16641	6.9014	6.9785	7.0886	0.074796	0.5375	0.67119	0.8919	0.11742

Device Test: 24.23 TIMING|OUT_RISE/OUTH/4.5/12/0/220/4.5/500kHz//@OUT_RISE_220PF





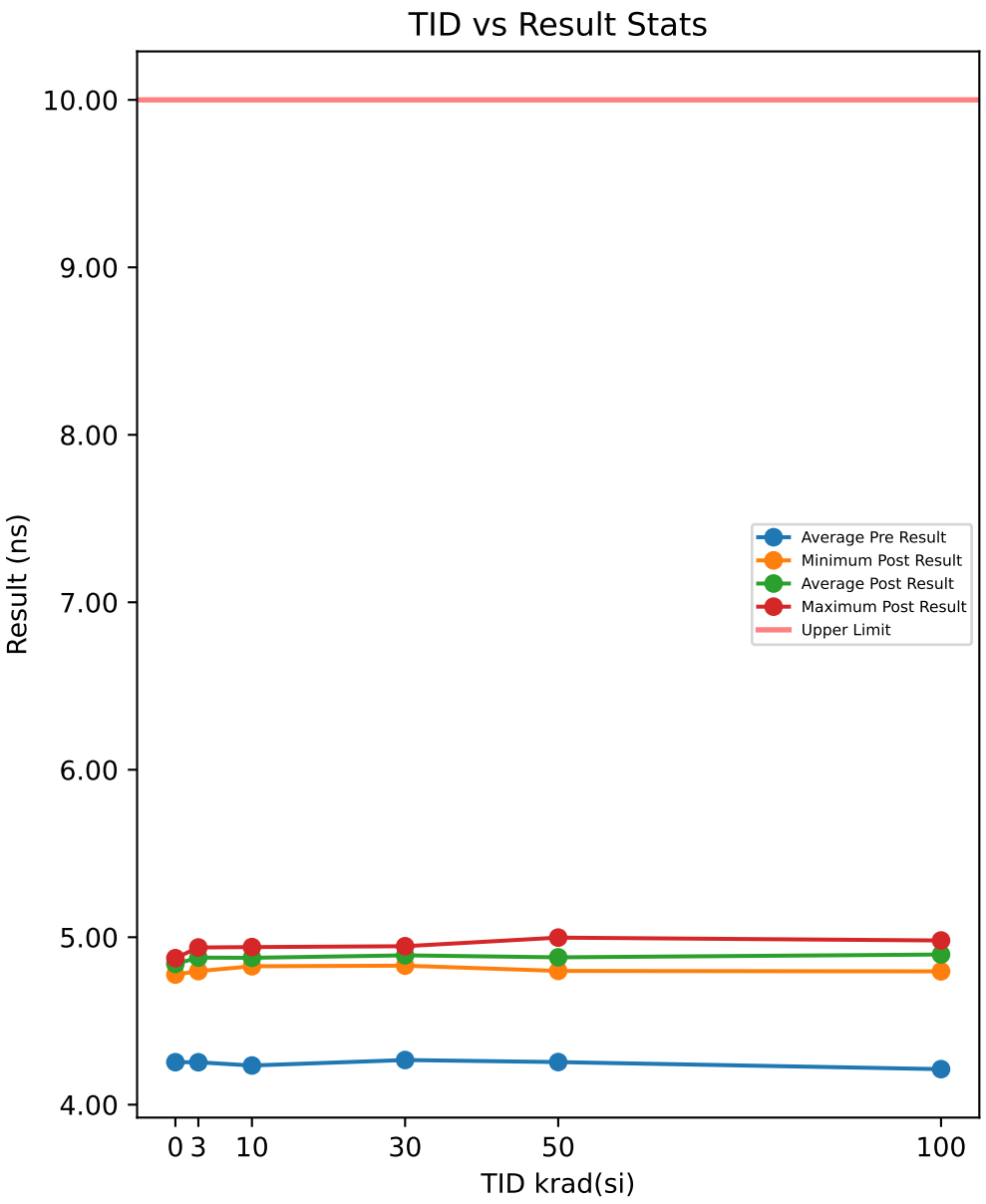
Test Results (Upper Limit = 12.0 (ns))

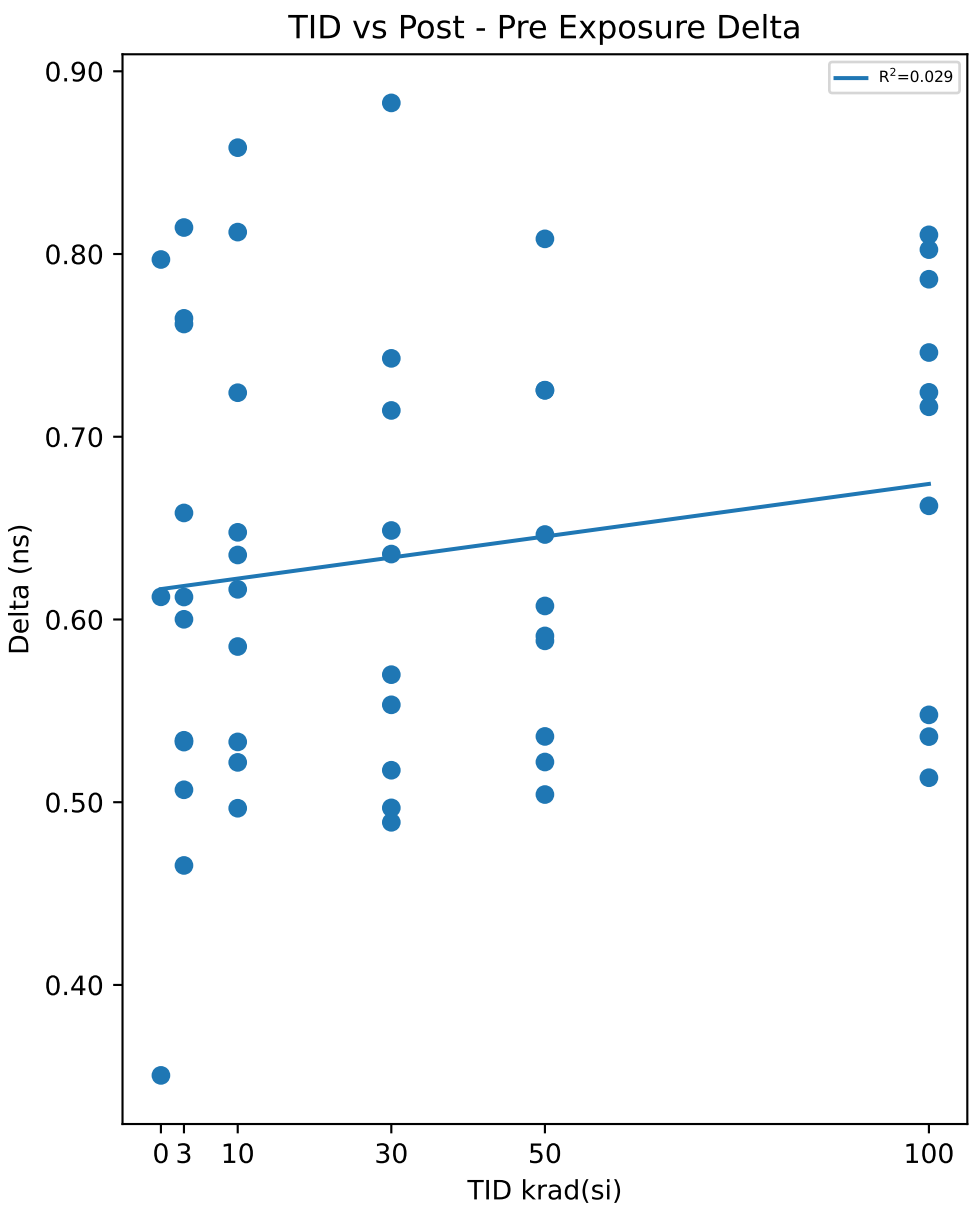
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.6273	5.7323	1.105
2	3	HDR BIAS	4.7227	5.7196	0.9969
3	3	HDR BIAS	4.7118	5.4809	0.7691
4	3	HDR BIAS	4.4794	5.5504	1.071
5	3	HDR BIAS	4.268	5.6311	1.3631
6	3	HDR UNBIAS	4.5743	5.4654	0.8911
7	3	HDR UNBIAS	4.4674	5.6245	1.1571
8	3	HDR UNBIAS	4.4982	5.6315	1.1333
9	3	HDR UNBIAS	4.7629	5.4594	0.6965
10	3	HDR UNBIAS	4.4597	5.6271	1.1674
11	10	HDR BIAS	4.7481	5.6062	0.8581
12	10	HDR BIAS	4.533	5.5031	0.9701
13	10	HDR BIAS	4.7462	5.5592	0.813
14	10	HDR BIAS	4.5863	5.5934	1.0071
15	10	HDR BIAS	4.676	5.4907	0.8147
16	10	HDR UNBIAS	4.7161	5.6815	0.9654
17	10	HDR UNBIAS	4.4902	5.6421	1.1519
18	10	HDR UNBIAS	4.7465	5.572	0.8255
19	10	HDR UNBIAS	4.6653	5.5885	0.9232
20	10	HDR UNBIAS	4.3874	5.6546	1.2672
31	30	HDR BIAS	4.5447	5.6037	1.059
32	30	HDR BIAS	4.587	5.6994	1.1124
33	30	HDR BIAS	4.6435	5.5607	0.9172
34	30	HDR BIAS	4.6303	5.6365	1.0062
35	30	HDR BIAS	4.5255	5.6218	1.0963
36	30	HDR UNBIAS	4.7453	5.5549	0.8096
37	30	HDR UNBIAS	4.5552	5.6564	1.1012
38	30	HDR UNBIAS	4.7867	5.703	0.9163
39	30	HDR UNBIAS	4.5811	5.492	0.9109
40	30	HDR UNBIAS	4.6217	5.7113	1.0896
41	50	HDR BIAS	4.3974	5.5814	1.184
42	50	HDR BIAS	4.7702	5.4817	0.7115
43	50	HDR BIAS	4.5216	5.6265	1.1049
44	50	HDR BIAS	4.7468	5.6918	0.945
45	50	HDR BIAS	4.6155	5.5299	0.9144
46	50	HDR UNBIAS	4.7065	5.6718	0.9653
47	50	HDR UNBIAS	4.4096	5.6841	1.2745
48	50	HDR UNBIAS	4.653	5.52	0.867
49	50	HDR UNBIAS	4.7798	5.7579	0.9781
50	50	HDR UNBIAS	4.4205	5.5958	1.1753
51	100	HDR BIAS	4.6376	5.5082	0.8706
52	100	HDR BIAS	4.4731	5.5568	1.0837
53	100	HDR BIAS	4.5779	5.64	1.0621
54	100	HDR BIAS	4.5944	5.4877	0.8933
55	100	HDR BIAS	4.5878	5.6206	1.0328
56	100	HDR UNBIAS	4.5796	5.6431	1.0635
57	100	HDR UNBIAS	4.484	5.5751	1.0911
58	100	HDR UNBIAS	4.4315	5.745	1.3135
59	100	HDR UNBIAS	4.7752	5.6171	0.8419
60	100	HDR UNBIAS	4.6759	5.4725	0.7966
71	0	CORRELATION	4.919	5.6078	0.6888
72	0	CORRELATION	4.5658	5.6623	1.0965
73	0	CORRELATION	4.4012	5.5752	1.174

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.4012	4.6287	4.919	0.26456	5.5752	5.6151	5.6623	0.044006	0.6888	0.98643	1.174	0.26065
3	4.268	4.5572	4.7629	0.15259	5.4594	5.5922	5.7323	0.099458	0.6965	1.0351	1.3631	0.20094
10	4.3874	4.6295	4.7481	0.12539	5.4907	5.5891	5.6815	0.061656	0.813	0.95962	1.2672	0.15133
30	4.5255	4.6221	4.7867	0.085315	5.492	5.624	5.7113	0.072553	0.8096	1.0019	1.1124	0.10631
50	4.3974	4.6021	4.7798	0.15379	5.4817	5.6141	5.7579	0.088177	0.7115	1.012	1.2745	0.17077
100	4.4315	4.5817	4.7752	0.10196	5.4725	5.5866	5.745	0.08379	0.7966	1.0049	1.3135	0.15521

Device Test: 24.24 TIMING|OUT_FALL/OUTH/4.5/12/0/220/4.5/500kHz//@OUT_FALL_220PF





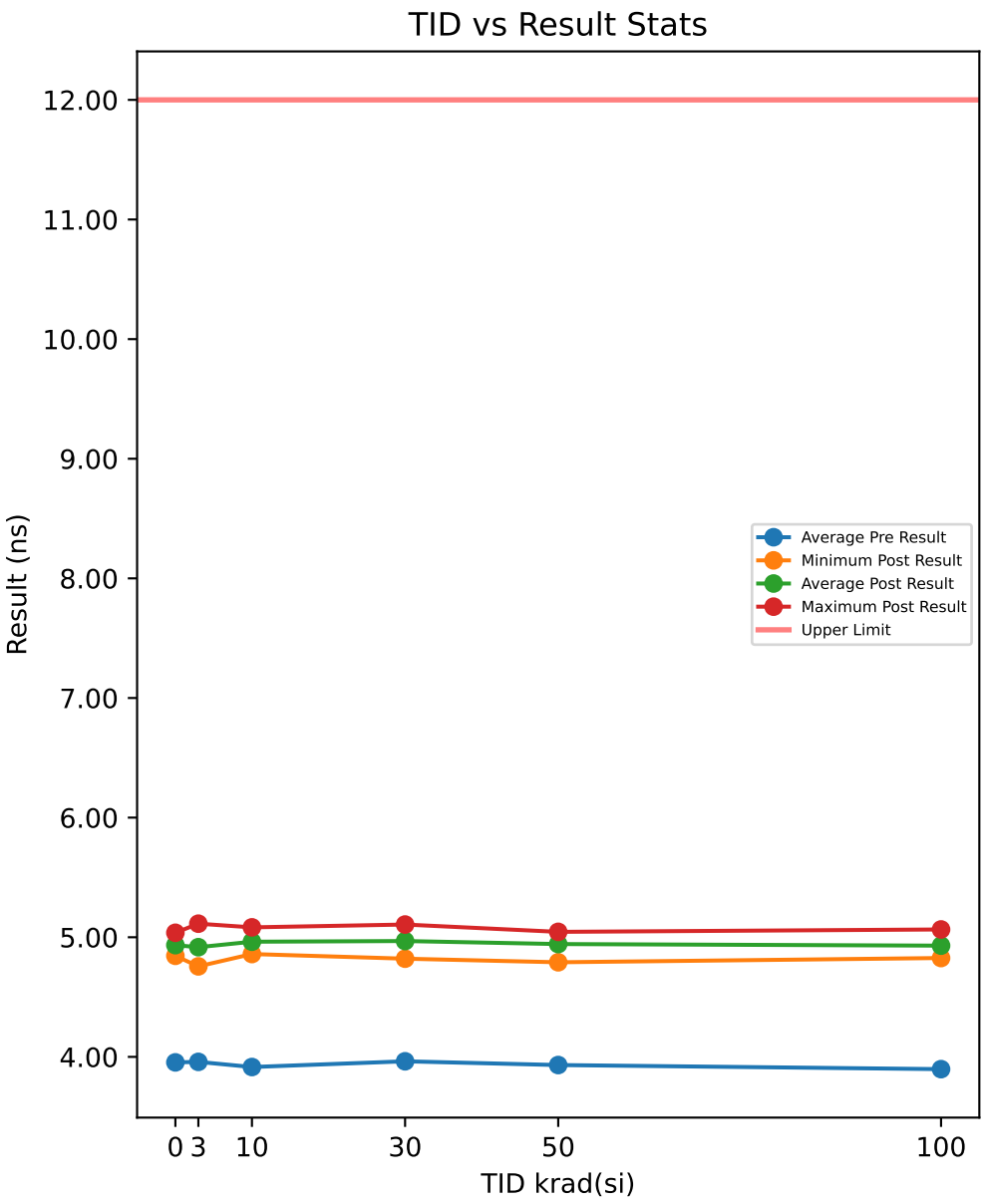
Test Results (Upper Limit = 10.0 (ns))

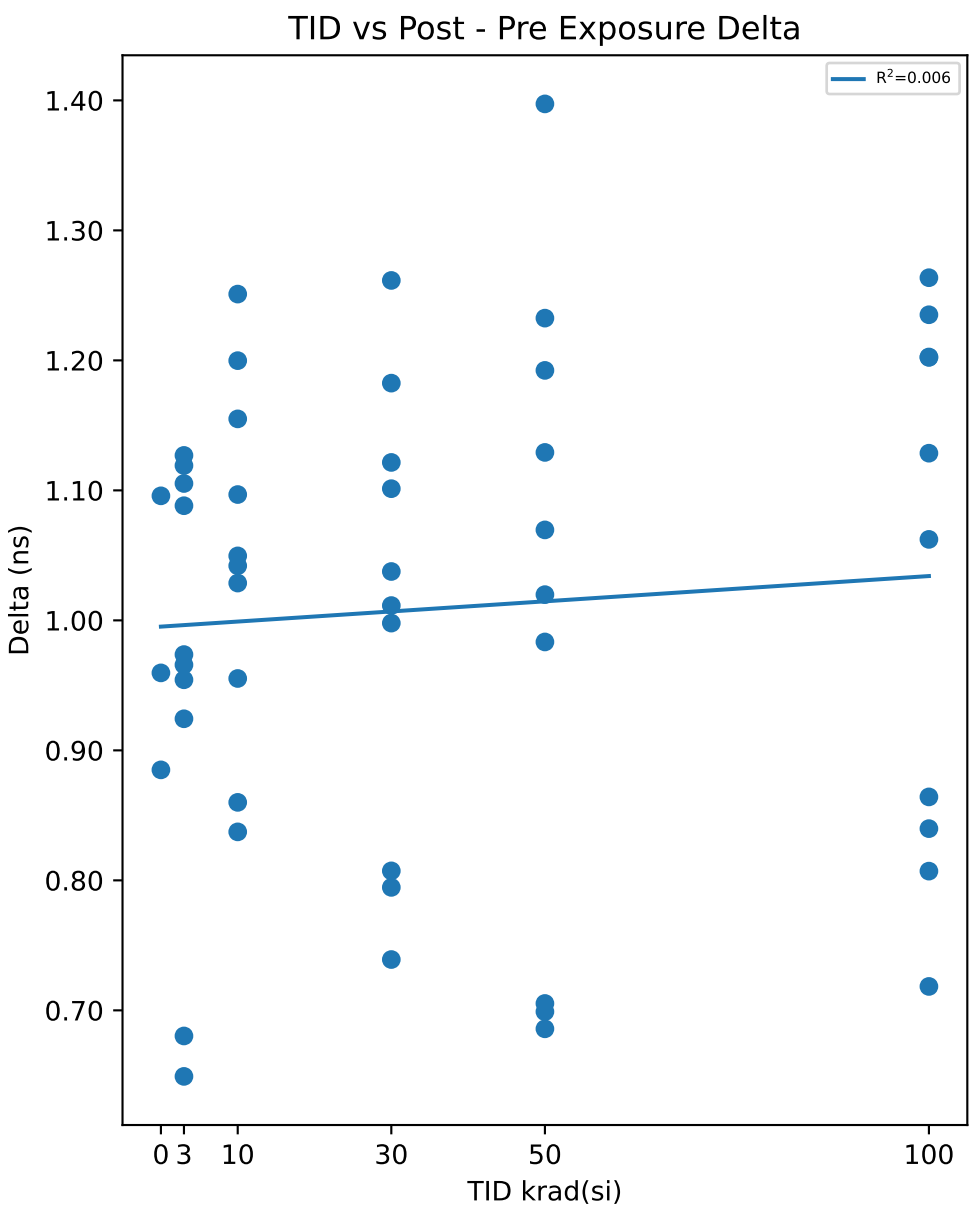
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.3798	4.9137	0.5339
2	3	HDR BIAS	4.2003	4.8586	0.6583
3	3	HDR BIAS	4.0216	4.8361	0.8145
4	3	HDR BIAS	4.4491	4.9145	0.4654
5	3	HDR BIAS	4.2534	4.8657	0.6123
6	3	HDR UNBIAS	4.094	4.8588	0.7648
7	3	HDR UNBIAS	4.4058	4.9387	0.5329
8	3	HDR UNBIAS	4.267	4.8671	0.6001
9	3	HDR UNBIAS	4.0357	4.7974	0.7617
10	3	HDR UNBIAS	4.4254	4.9322	0.5068
11	10	HDR BIAS	4.2485	4.8838	0.6353
12	10	HDR BIAS	4.0145	4.8265	0.812
13	10	HDR BIAS	4.4142	4.9109	0.4967
14	10	HDR BIAS	4.2641	4.8806	0.6165
15	10	HDR BIAS	4.1469	4.871	0.7241
16	10	HDR UNBIAS	4.379	4.912	0.533
17	10	HDR UNBIAS	4.1979	4.8456	0.6477
18	10	HDR UNBIAS	3.9808	4.839	0.8582
19	10	HDR UNBIAS	4.4194	4.9412	0.5218
20	10	HDR UNBIAS	4.2746	4.8598	0.5852
31	30	HDR BIAS	4.393	4.9463	0.5533
32	30	HDR BIAS	4.3063	4.8761	0.5698
33	30	HDR BIAS	4.1865	4.9009	0.7144
34	30	HDR BIAS	4.4027	4.8917	0.489
35	30	HDR BIAS	4.2569	4.8927	0.6358
36	30	HDR UNBIAS	4.1096	4.8525	0.7429
37	30	HDR UNBIAS	4.4044	4.9219	0.5175
38	30	HDR UNBIAS	4.2474	4.8961	0.6487
39	30	HDR UNBIAS	3.9475	4.8302	0.8827
40	30	HDR UNBIAS	4.4127	4.9096	0.4969
41	50	HDR BIAS	4.264	4.8714	0.6074
42	50	HDR BIAS	4.0733	4.7988	0.7255
43	50	HDR BIAS	4.4934	4.9976	0.5042
44	50	HDR BIAS	4.2845	4.8205	0.536
45	50	HDR BIAS	4.0956	4.821	0.7254
46	50	HDR UNBIAS	4.4313	4.9533	0.522
47	50	HDR UNBIAS	4.279	4.8673	0.5883
48	50	HDR UNBIAS	4.0175	4.8258	0.8083
49	50	HDR UNBIAS	4.3782	4.9692	0.591
50	50	HDR UNBIAS	4.2276	4.8741	0.6465
51	100	HDR BIAS	4.01	4.7962	0.7862
52	100	HDR BIAS	4.4034	4.9393	0.5359
53	100	HDR BIAS	4.2295	4.8917	0.6622
54	100	HDR BIAS	4.0327	4.8432	0.8105
55	100	HDR BIAS	4.4371	4.9505	0.5134
56	100	HDR UNBIAS	4.2196	4.936	0.7164
57	100	HDR UNBIAS	4.0528	4.8552	0.8024
58	100	HDR UNBIAS	4.4327	4.9805	0.5478
59	100	HDR UNBIAS	4.2204	4.9447	0.7243
60	100	HDR UNBIAS	4.0845	4.8306	0.7461
71	0	CORRELATION	4.2625	4.8749	0.6124
72	0	CORRELATION	4.0724	4.8694	0.797
73	0	CORRELATION	4.4264	4.7769	0.3505

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.0724	4.2538	4.4264	0.17716	4.7769	4.8404	4.8749	0.055061	0.3505	0.58663	0.797	0.22436
3	4.0216	4.2532	4.4491	0.16215	4.7974	4.8783	4.9387	0.045332	0.4654	0.62507	0.8145	0.12122
10	3.9808	4.234	4.4194	0.15341	4.8265	4.877	4.9412	0.036312	0.4967	0.64305	0.8582	0.12191
30	3.9475	4.2667	4.4127	0.15267	4.8302	4.8918	4.9463	0.033134	0.489	0.6251	0.8827	0.12633
50	4.0175	4.2544	4.4934	0.15642	4.7988	4.8799	4.9976	0.069906	0.5042	0.62546	0.8083	0.1001
100	4.01	4.2123	4.4371	0.167	4.7962	4.8968	4.9805	0.062056	0.5134	0.68452	0.8105	0.11405

Device Test: 24.25 TIMING|OUT_RISE/OUTH/5/12/0/220/5/500kHz//@OUT_RISE_220PF





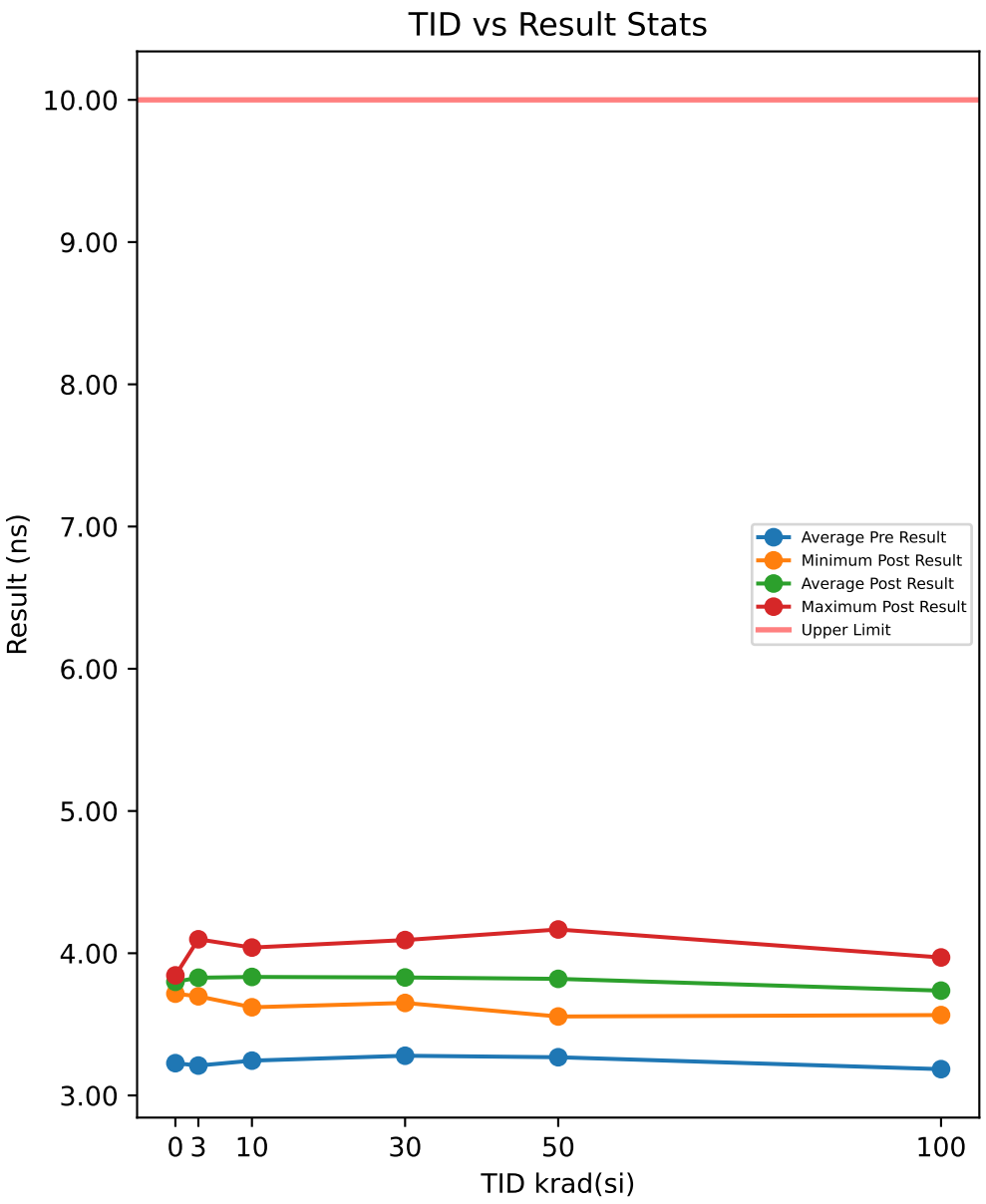
Test Results (Upper Limit = 12.0 (ns))

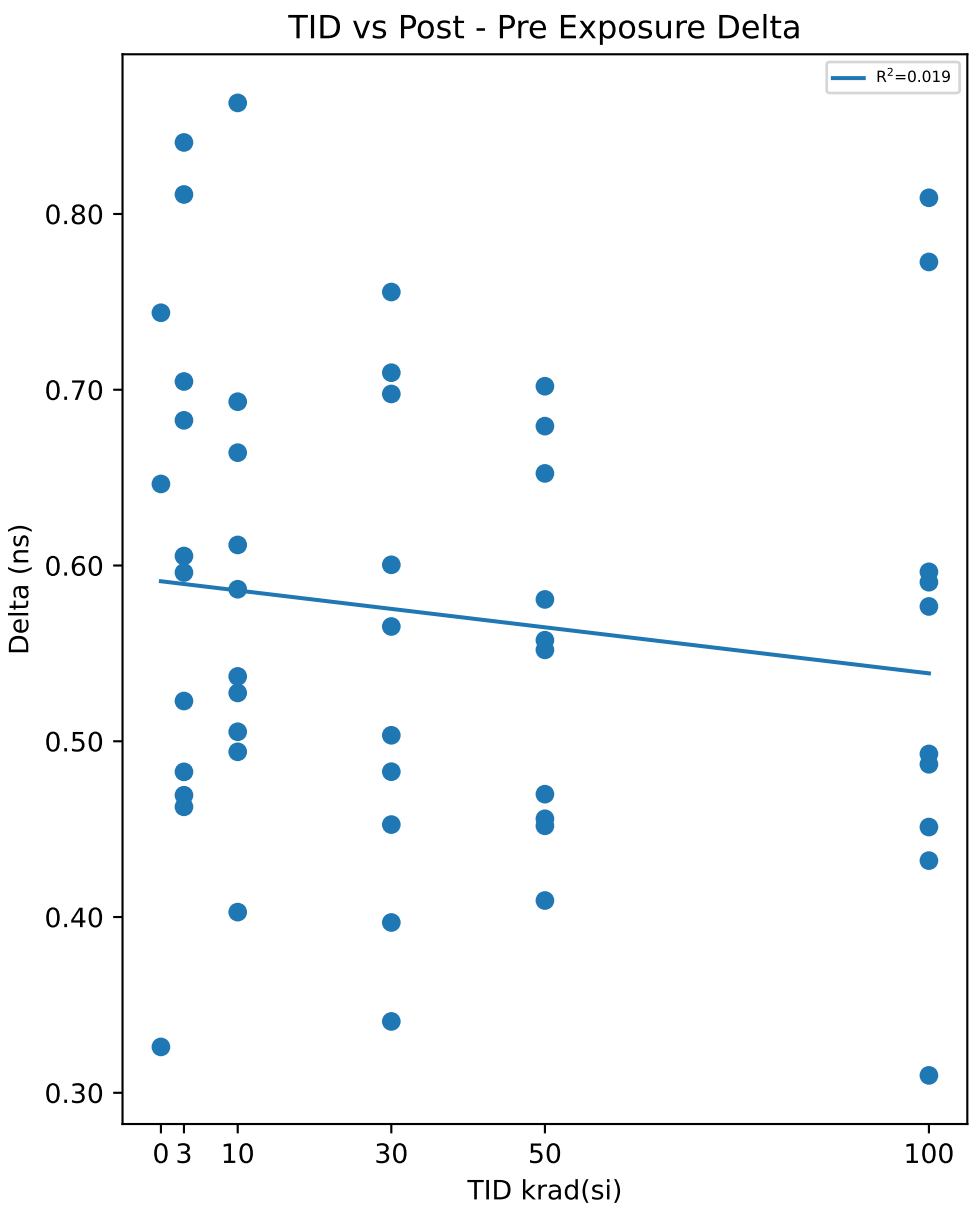
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.804	4.8922	1.0882
2	3	HDR BIAS	3.8748	4.9801	1.1053
3	3	HDR BIAS	4.1073	4.7565	0.6492
4	3	HDR BIAS	3.9734	4.8977	0.9243
5	3	HDR BIAS	3.9872	4.953	0.9658
6	3	HDR UNBIAS	4.1376	4.8179	0.6803
7	3	HDR UNBIAS	3.9538	4.9081	0.9543
8	3	HDR UNBIAS	3.9289	5.048	1.1191
9	3	HDR UNBIAS	3.828	4.8017	0.9737
10	3	HDR UNBIAS	3.9865	5.1134	1.1269
11	10	HDR BIAS	3.7428	4.9426	1.1998
12	10	HDR BIAS	4.0224	4.8597	0.8373
13	10	HDR BIAS	3.7977	5.0487	1.251
14	10	HDR BIAS	3.8669	4.8956	1.0287
15	10	HDR BIAS	3.9469	4.9022	0.9553
16	10	HDR UNBIAS	4.045	4.905	0.86
17	10	HDR UNBIAS	3.9698	5.0118	1.042
18	10	HDR UNBIAS	3.9393	4.9889	1.0496
19	10	HDR UNBIAS	3.8926	4.9894	1.0968
20	10	HDR UNBIAS	3.9277	5.0827	1.155
31	30	HDR BIAS	3.9479	4.9593	1.0114
32	30	HDR BIAS	3.9425	5.0438	1.1013
33	30	HDR BIAS	4.1483	4.8874	0.7391
34	30	HDR BIAS	3.9022	4.9398	1.0376
35	30	HDR BIAS	3.8862	5.0077	1.1215
36	30	HDR UNBIAS	4.0537	4.8483	0.7946
37	30	HDR UNBIAS	3.8448	5.1063	1.2615
38	30	HDR UNBIAS	4.0176	5.0155	0.9979
39	30	HDR UNBIAS	4.0135	4.8208	0.8073
40	30	HDR UNBIAS	3.8728	5.0553	1.1825
41	50	HDR BIAS	3.7468	4.9391	1.1923
42	50	HDR BIAS	4.0855	4.7908	0.7053
43	50	HDR BIAS	3.7393	4.9718	1.2325
44	50	HDR BIAS	3.9144	4.984	1.0696
45	50	HDR BIAS	4.1751	4.8609	0.6858
46	50	HDR UNBIAS	3.8995	4.9193	1.0198
47	50	HDR UNBIAS	3.9159	5.0451	1.1292
48	50	HDR UNBIAS	4.2019	4.9009	0.699
49	50	HDR UNBIAS	3.9925	4.9759	0.9834
50	50	HDR UNBIAS	3.6461	5.0434	1.3973
51	100	HDR BIAS	4.0193	4.8264	0.8071
52	100	HDR BIAS	3.83	5.0651	1.2351
53	100	HDR BIAS	3.7615	4.9641	1.2026
54	100	HDR BIAS	4.0098	4.8496	0.8398
55	100	HDR BIAS	3.8264	4.8887	1.0623
56	100	HDR UNBIAS	3.7829	4.9852	1.2023
57	100	HDR UNBIAS	4.0692	4.9334	0.8642
58	100	HDR UNBIAS	3.6648	4.9284	1.2636
59	100	HDR UNBIAS	3.8922	5.0208	1.1286
60	100	HDR UNBIAS	4.118	4.8364	0.7184
71	0	CORRELATION	3.8241	4.9199	1.0958
72	0	CORRELATION	4.1523	5.0373	0.885
73	0	CORRELATION	3.8852	4.8448	0.9596

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.8241	3.9539	4.1523	0.17454	4.8448	4.934	5.0373	0.097021	0.885	0.98013	1.0958	0.10689
3	3.804	3.9581	4.1376	0.10794	4.7565	4.9169	5.1134	0.11103	0.6492	0.95871	1.1269	0.17226
10	3.7428	3.9151	4.045	0.093947	4.8597	4.9627	5.0827	0.073114	0.8373	1.0475	1.251	0.13615
30	3.8448	3.963	4.1483	0.094542	4.8208	4.9684	5.1063	0.094097	0.7391	1.0055	1.2615	0.17491
50	3.6461	3.9317	4.2019	0.18677	4.7908	4.9431	5.0451	0.079128	0.6858	1.0114	1.3973	0.2463
100	3.6648	3.8974	4.118	0.14943	4.8264	4.9298	5.0651	0.080543	0.7184	1.0324	1.2636	0.20474

Device Test: 24.26 TIMING|OUT_FALL/OUTH/5/12/0/220/5/500kHz//@OUT_FALL_220PF





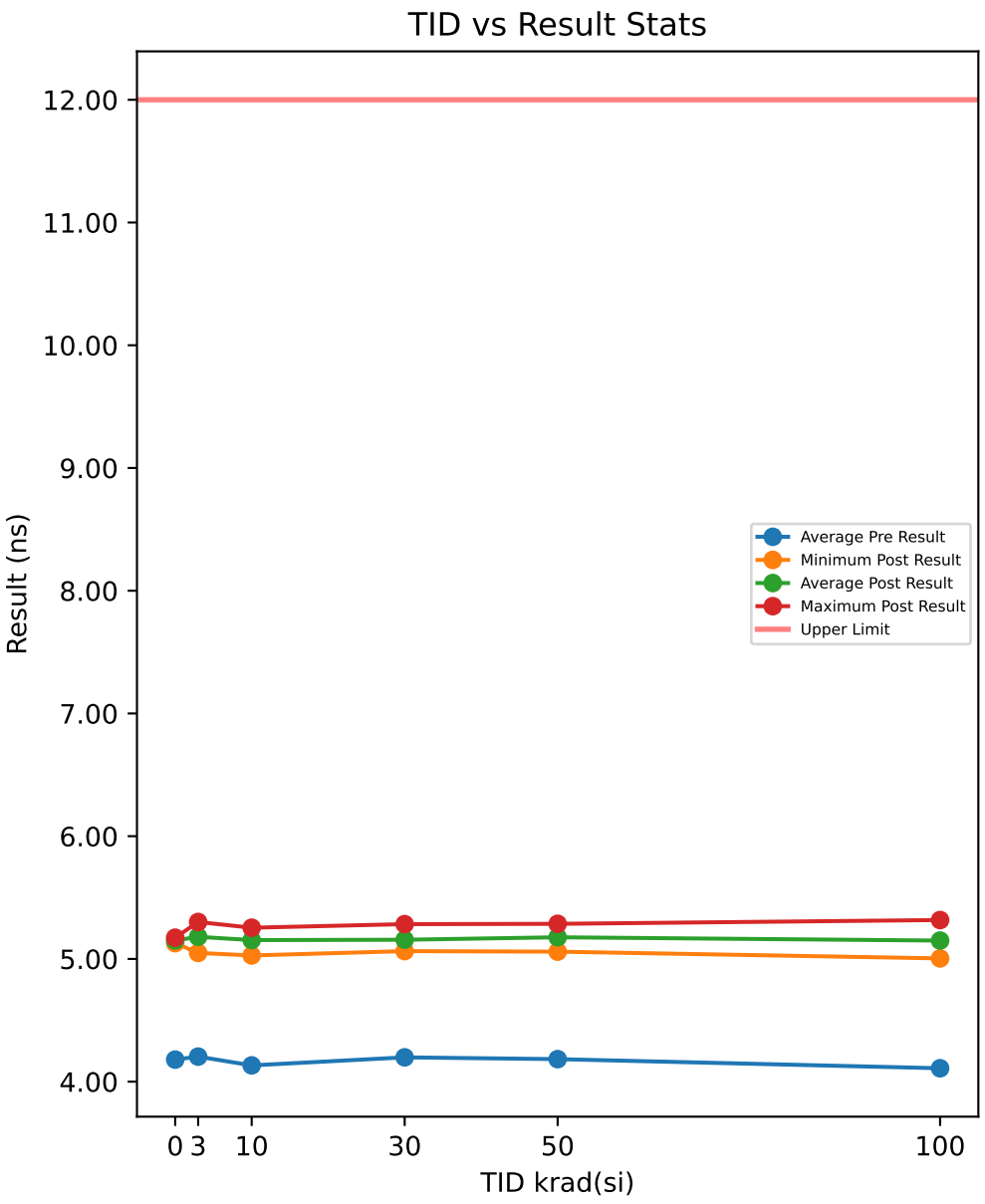
Test Results (Upper Limit = 10.0 (ns))

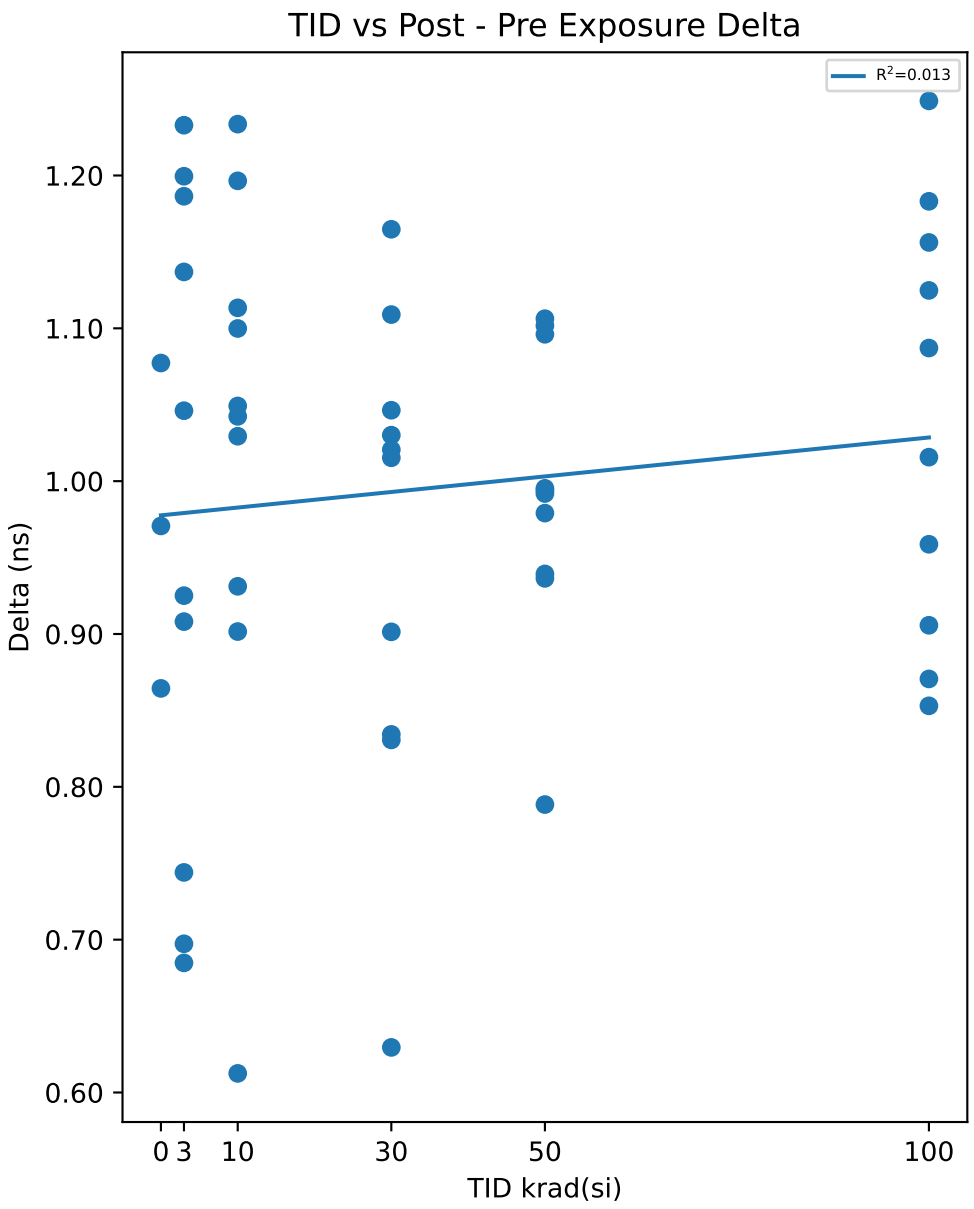
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.3193	3.782	0.4627
2	3	HDR BIAS	3.0144	3.697	0.6826
3	3	HDR BIAS	3.1421	3.8468	0.7047
4	3	HDR BIAS	3.2628	3.7857	0.5229
5	3	HDR BIAS	3.1335	3.7295	0.596
6	3	HDR UNBIAS	3.2573	4.098	0.8407
7	3	HDR UNBIAS	3.4547	3.924	0.4693
8	3	HDR UNBIAS	3.2525	3.8579	0.6054
9	3	HDR UNBIAS	2.8905	3.7016	0.8111
10	3	HDR UNBIAS	3.3735	3.8561	0.4826
11	10	HDR BIAS	3.2754	3.8619	0.5865
12	10	HDR BIAS	3.1662	3.8594	0.6932
13	10	HDR BIAS	3.6288	4.0316	0.4028
14	10	HDR BIAS	3.221	3.7485	0.5275
15	10	HDR BIAS	3.3756	4.0398	0.6642
16	10	HDR UNBIAS	3.3071	3.8125	0.5054
17	10	HDR UNBIAS	3.1129	3.7246	0.6117
18	10	HDR UNBIAS	2.9932	3.8564	0.8632
19	10	HDR UNBIAS	3.2842	3.7782	0.494
20	10	HDR UNBIAS	3.0831	3.62	0.5369
31	30	HDR BIAS	3.3517	3.7486	0.3969
32	30	HDR BIAS	3.151	3.7514	0.6004
33	30	HDR BIAS	3.395	4.0926	0.6976
34	30	HDR BIAS	3.4264	3.767	0.3406
35	30	HDR BIAS	3.1487	3.714	0.5653
36	30	HDR UNBIAS	3.2336	3.9892	0.7556
37	30	HDR UNBIAS	3.386	3.8386	0.4526
38	30	HDR UNBIAS	3.147	3.6504	0.5034
39	30	HDR UNBIAS	3.0702	3.7799	0.7097
40	30	HDR UNBIAS	3.4819	3.9646	0.4827
41	50	HDR BIAS	3.3615	3.8174	0.4559
42	50	HDR BIAS	3.0647	3.744	0.6793
43	50	HDR BIAS	3.7151	4.167	0.4519
44	50	HDR BIAS	3.2411	3.711	0.4699
45	50	HDR BIAS	2.9027	3.5551	0.6524
46	50	HDR UNBIAS	3.496	3.9054	0.4094
47	50	HDR UNBIAS	3.2795	3.837	0.5575
48	50	HDR UNBIAS	2.9545	3.6565	0.702
49	50	HDR UNBIAS	3.304	3.856	0.552
50	50	HDR UNBIAS	3.3676	3.9483	0.5807
51	100	HDR BIAS	2.9747	3.5652	0.5905
52	100	HDR BIAS	3.4458	3.7557	0.3099
53	100	HDR BIAS	3.2315	3.6827	0.4512
54	100	HDR BIAS	3.0822	3.5691	0.4869
55	100	HDR BIAS	3.2016	3.6337	0.4321
56	100	HDR UNBIAS	3.3051	3.8818	0.5767
57	100	HDR UNBIAS	2.8261	3.5988	0.7727
58	100	HDR UNBIAS	3.4774	3.9702	0.4928
59	100	HDR UNBIAS	3.2463	3.8427	0.5964
60	100	HDR UNBIAS	3.059	3.8682	0.8092
71	0	CORRELATION	3.1909	3.8373	0.6464
72	0	CORRELATION	3.1004	3.8442	0.7438
73	0	CORRELATION	3.3895	3.7156	0.3261

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.1004	3.2269	3.3895	0.14788	3.7156	3.799	3.8442	0.072338	0.3261	0.5721	0.7438	0.21854
3	2.8905	3.2101	3.4547	0.16872	3.697	3.8279	4.098	0.1206	0.4627	0.6178	0.8407	0.13857
10	2.9932	3.2447	3.6288	0.1778	3.62	3.8333	4.0398	0.12994	0.4028	0.58854	0.8632	0.12884
30	3.0702	3.2792	3.4819	0.14512	3.6504	3.8296	4.0926	0.14043	0.3406	0.55048	0.7556	0.13977
50	2.9027	3.2687	3.7151	0.24625	3.5551	3.8198	4.167	0.17007	0.4094	0.5511	0.702	0.10326
100	2.8261	3.185	3.4774	0.20375	3.5652	3.7368	3.9702	0.14701	0.3099	0.55184	0.8092	0.15269

Device Test: 24.27 TIMING|OUT_RISE/OUTH/5.5/12/0/220/5.5/500kHz//@OUT_RISE_220PF





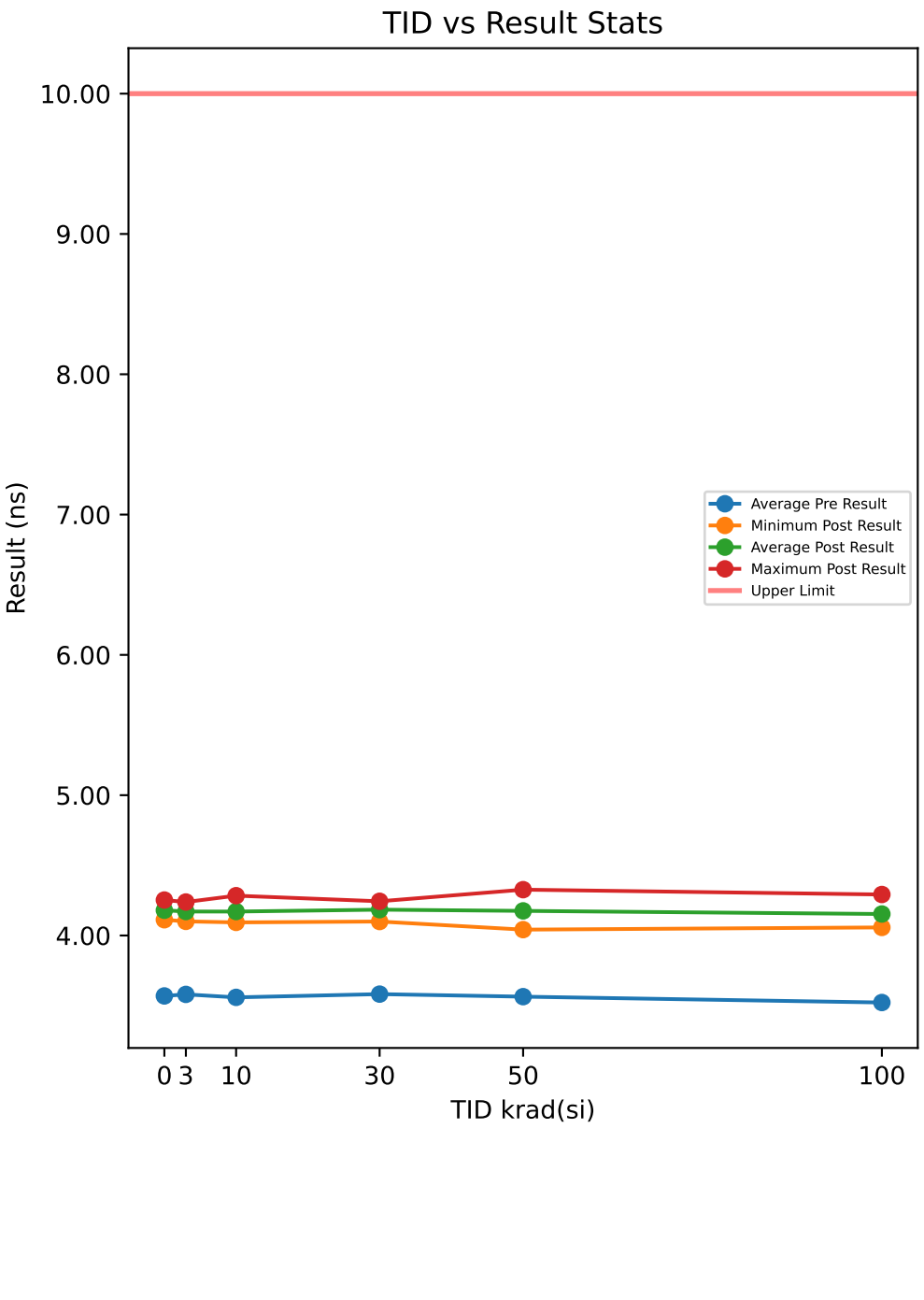
Test Results (Upper Limit = 12.0 (ns))

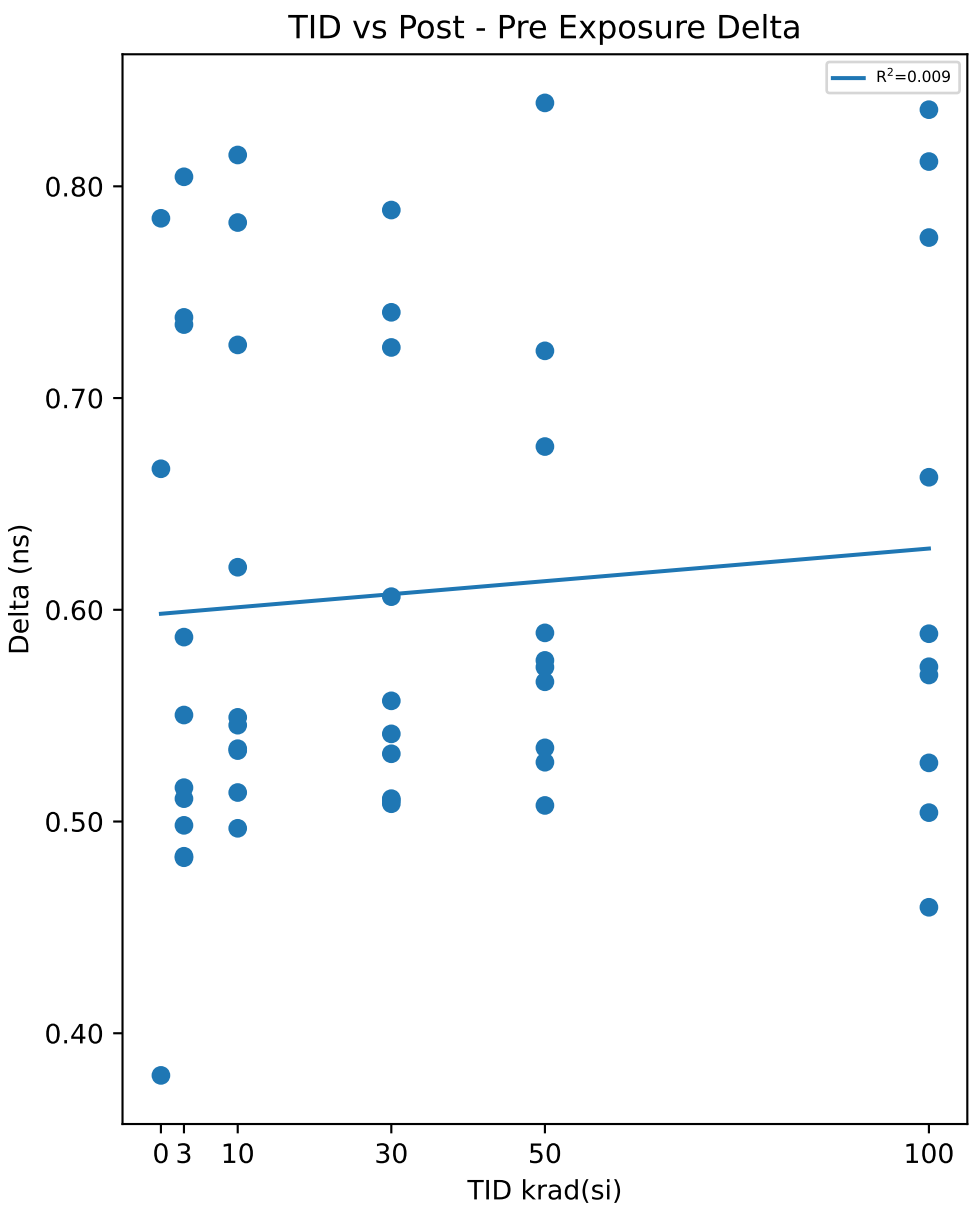
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	4.1146	5.301	1.1864
2	3	HDR BIAS	3.9562	5.1891	1.2329
3	3	HDR BIAS	4.4405	5.1253	0.6848
4	3	HDR BIAS	4.2512	5.1763	0.9251
5	3	HDR BIAS	4.1792	5.2253	1.0461
6	3	HDR UNBIAS	4.3562	5.1002	0.744
7	3	HDR UNBIAS	4.0484	5.1853	1.1369
8	3	HDR UNBIAS	4.3406	5.2487	0.9081
9	3	HDR UNBIAS	4.3517	5.049	0.6973
10	3	HDR UNBIAS	4.0016	5.2011	1.1995
11	10	HDR BIAS	4.1671	5.2163	1.0492
12	10	HDR BIAS	4.4158	5.0283	0.6125
13	10	HDR BIAS	3.9725	5.2061	1.2336
14	10	HDR BIAS	4.1409	5.2543	1.1134
15	10	HDR BIAS	4.0456	5.088	1.0424
16	10	HDR UNBIAS	4.155	5.1844	1.0294
17	10	HDR UNBIAS	4.0473	5.1472	1.0999
18	10	HDR UNBIAS	4.172	5.0736	0.9016
19	10	HDR UNBIAS	4.1935	5.1247	0.9312
20	10	HDR UNBIAS	4.0161	5.2126	1.1965
31	30	HDR BIAS	4.1902	5.2203	1.0301
32	30	HDR BIAS	4.2888	5.1231	0.8343
33	30	HDR BIAS	4.3168	5.1475	0.8307
34	30	HDR BIAS	4.1744	5.2834	1.109
35	30	HDR BIAS	4.1387	5.1851	1.0464
36	30	HDR UNBIAS	4.0503	5.0656	1.0153
37	30	HDR UNBIAS	4.198	5.2186	1.0206
38	30	HDR UNBIAS	3.9927	5.1575	1.1648
39	30	HDR UNBIAS	4.434	5.0635	0.6295
40	30	HDR UNBIAS	4.1963	5.0977	0.9014
41	50	HDR BIAS	4.1049	5.2067	1.1018
42	50	HDR BIAS	4.1175	5.1094	0.9919
43	50	HDR BIAS	4.1919	5.1858	0.9939
44	50	HDR BIAS	4.2886	5.2279	0.9393
45	50	HDR BIAS	4.1744	5.1108	0.9364
46	50	HDR UNBIAS	4.22	5.1991	0.9791
47	50	HDR UNBIAS	4.1483	5.1436	0.9953
48	50	HDR UNBIAS	4.2709	5.0593	0.7884
49	50	HDR UNBIAS	4.1392	5.2353	1.0961
50	50	HDR UNBIAS	4.1797	5.286	1.1063
51	100	HDR BIAS	4.1513	5.0043	0.853
52	100	HDR BIAS	4.1338	5.3169	1.1831
53	100	HDR BIAS	4.0213	5.1775	1.1562
54	100	HDR BIAS	4.1864	5.0921	0.9057
55	100	HDR BIAS	4.0991	5.1862	1.0871
56	100	HDR UNBIAS	4.0805	5.2053	1.1248
57	100	HDR UNBIAS	4.2045	5.0751	0.8706
58	100	HDR UNBIAS	4.1163	5.132	1.0157
59	100	HDR UNBIAS	3.9131	5.1619	1.2488
60	100	HDR UNBIAS	4.186	5.1447	0.9587
71	0	CORRELATION	4.0511	5.1284	1.0773
72	0	CORRELATION	4.2854	5.1498	0.8644
73	0	CORRELATION	4.2024	5.1731	0.9707

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.0511	4.1796	4.2854	0.1188	5.1284	5.1504	5.1731	0.022357	0.8644	0.9708	1.0773	0.10645
3	3.9562	4.204	4.4405	0.16898	5.049	5.1801	5.301	0.073412	0.6848	0.97611	1.2329	0.21461
10	3.9725	4.1326	4.4158	0.12529	5.0283	5.1536	5.2543	0.073437	0.6125	1.021	1.2336	0.17679
30	3.9927	4.198	4.434	0.12743	5.0635	5.1562	5.2834	0.071813	0.6295	0.95821	1.1648	0.15931
50	4.1049	4.1835	4.2886	0.061392	5.0593	5.1764	5.286	0.069311	0.7884	0.99285	1.1063	0.096294
100	3.9131	4.1092	4.2045	0.088491	5.0043	5.1496	5.3169	0.084105	0.853	1.0404	1.2488	0.1398

Device Test: 24.28 TIMING|OUT_FALL/OUTH/5.5/12/0/220/5.5/500kHz//@OUT_FALL_220PF





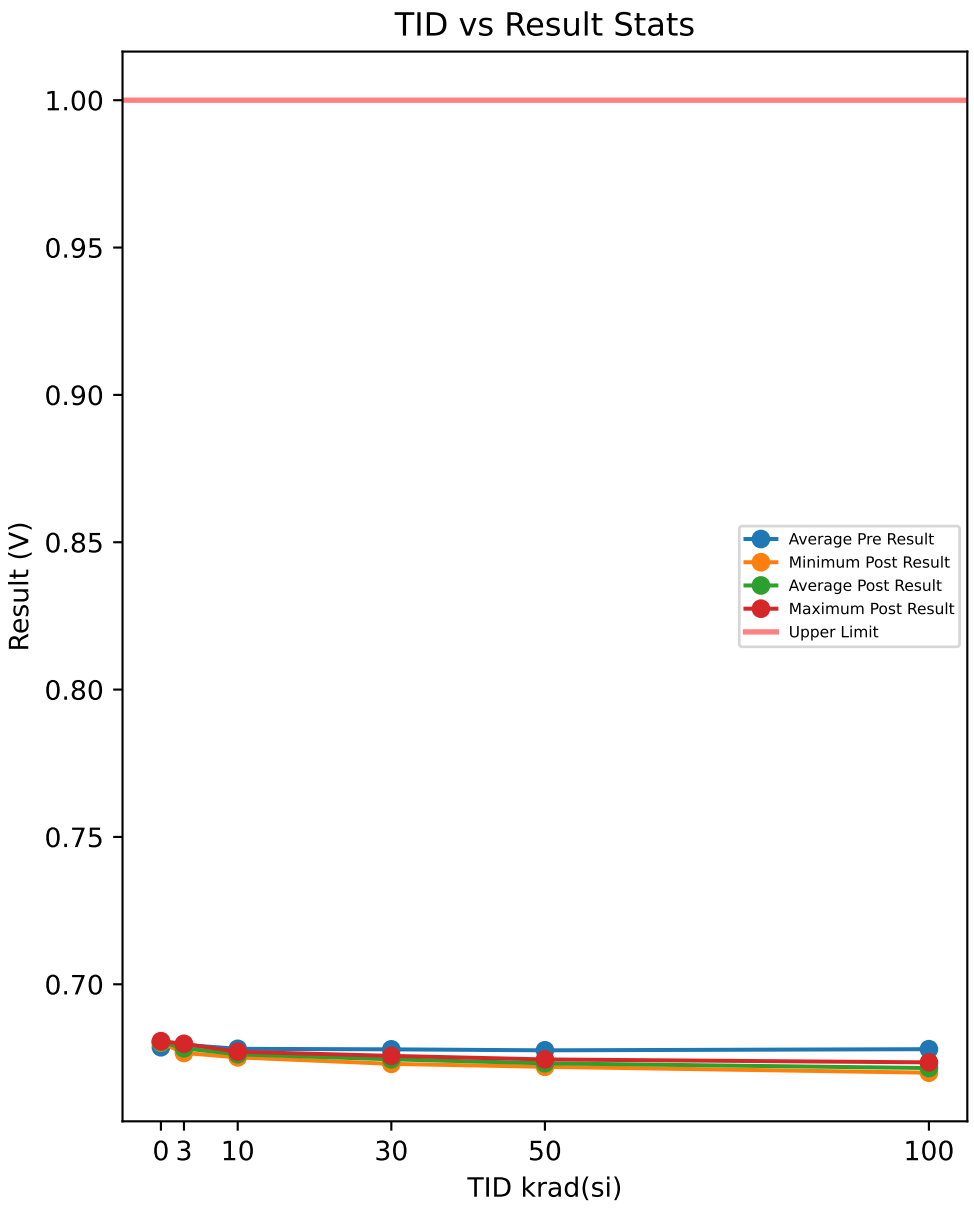
Test Results (Upper Limit = 10.0 (ns))

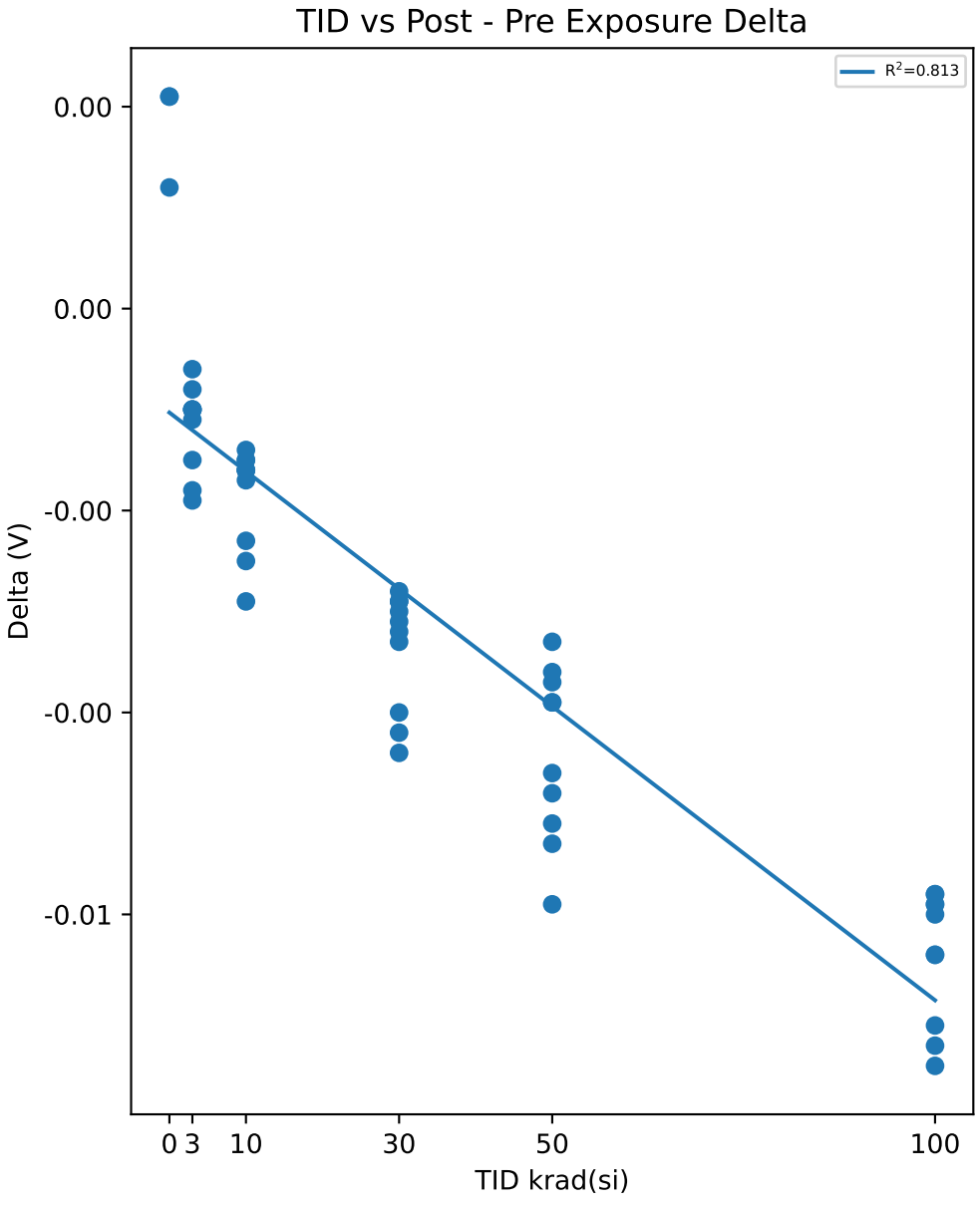
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	3.6802	4.1962	0.516
2	3	HDR BIAS	3.6383	4.1219	0.4836
3	3	HDR BIAS	3.4528	4.1875	0.7347
4	3	HDR BIAS	3.6776	4.1605	0.4829
5	3	HDR BIAS	3.5898	4.1006	0.5108
6	3	HDR UNBIAS	3.4716	4.2097	0.7381
7	3	HDR UNBIAS	3.6883	4.2386	0.5503
8	3	HDR UNBIAS	3.5689	4.156	0.5871
9	3	HDR UNBIAS	3.3244	4.1289	0.8045
10	3	HDR UNBIAS	3.7105	4.2087	0.4982
11	10	HDR BIAS	3.5248	4.1449	0.6201
12	10	HDR BIAS	3.4243	4.1494	0.7251
13	10	HDR BIAS	3.7701	4.2838	0.5137
14	10	HDR BIAS	3.58	4.1255	0.5455
15	10	HDR BIAS	3.4139	4.2287	0.8148
16	10	HDR UNBIAS	3.6696	4.2188	0.5492
17	10	HDR UNBIAS	3.5923	4.1267	0.5344
18	10	HDR UNBIAS	3.3418	4.1247	0.7829
19	10	HDR UNBIAS	3.6771	4.2106	0.5335
20	10	HDR UNBIAS	3.5965	4.0933	0.4968
31	30	HDR BIAS	3.6933	4.2347	0.5414
32	30	HDR BIAS	3.6258	4.1358	0.51
33	30	HDR BIAS	3.5199	4.2438	0.7239
34	30	HDR BIAS	3.7105	4.2213	0.5108
35	30	HDR BIAS	3.5426	4.0996	0.557
36	30	HDR UNBIAS	3.4636	4.2041	0.7405
37	30	HDR UNBIAS	3.6981	4.2301	0.532
38	30	HDR UNBIAS	3.4965	4.1027	0.6062
39	30	HDR UNBIAS	3.3388	4.1276	0.7888
40	30	HDR UNBIAS	3.7326	4.241	0.5084
41	50	HDR BIAS	3.6076	4.1805	0.5729
42	50	HDR BIAS	3.3428	4.1822	0.8394
43	50	HDR BIAS	3.7375	4.3266	0.5891
44	50	HDR BIAS	3.6072	4.1352	0.528
45	50	HDR BIAS	3.3647	4.0418	0.6771
46	50	HDR UNBIAS	3.6955	4.2303	0.5348
47	50	HDR UNBIAS	3.6344	4.2004	0.566
48	50	HDR UNBIAS	3.3489	4.0712	0.7223
49	50	HDR UNBIAS	3.6671	4.1747	0.5076
50	50	HDR UNBIAS	3.6351	4.2112	0.5761
51	100	HDR BIAS	3.3762	4.152	0.7758
52	100	HDR BIAS	3.7092	4.1687	0.4595
53	100	HDR BIAS	3.5584	4.0626	0.5042
54	100	HDR BIAS	3.3949	4.0575	0.6626
55	100	HDR BIAS	3.5655	4.1347	0.5692
56	100	HDR UNBIAS	3.5775	4.1506	0.5731
57	100	HDR UNBIAS	3.2845	4.0962	0.8117
58	100	HDR UNBIAS	3.7645	4.2922	0.5277
59	100	HDR UNBIAS	3.6141	4.2028	0.5887
60	100	HDR UNBIAS	3.3782	4.2144	0.8362
71	0	CORRELATION	3.5861	4.2527	0.6666
72	0	CORRELATION	3.3895	4.1744	0.7849
73	0	CORRELATION	3.7321	4.1122	0.3801

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.3895	3.5692	3.7321	0.17192	4.1122	4.1798	4.2527	0.070404	0.3801	0.61053	0.7849	0.20814
3	3.3244	3.5802	3.7105	0.12702	4.1006	4.1709	4.2386	0.04456	0.4829	0.59062	0.8045	0.12176
10	3.3418	3.559	3.7701	0.13385	4.0933	4.1706	4.2838	0.060797	0.4968	0.6116	0.8148	0.11864
30	3.3388	3.5822	3.7326	0.13033	4.0996	4.1841	4.2438	0.060142	0.5084	0.6019	0.7888	0.10806
50	3.3428	3.5641	3.7375	0.15156	4.0418	4.1754	4.3266	0.0804	0.5076	0.61133	0.8394	0.10407
100	3.2845	3.5223	3.7645	0.15745	4.0575	4.1532	4.2922	0.072059	0.4595	0.63087	0.8362	0.1341

Device Test: 24.29 VOLTAGE|OUT_CLAMP/OUTL/0/0/0/0/0/0//@OUT_CLAMP_0V





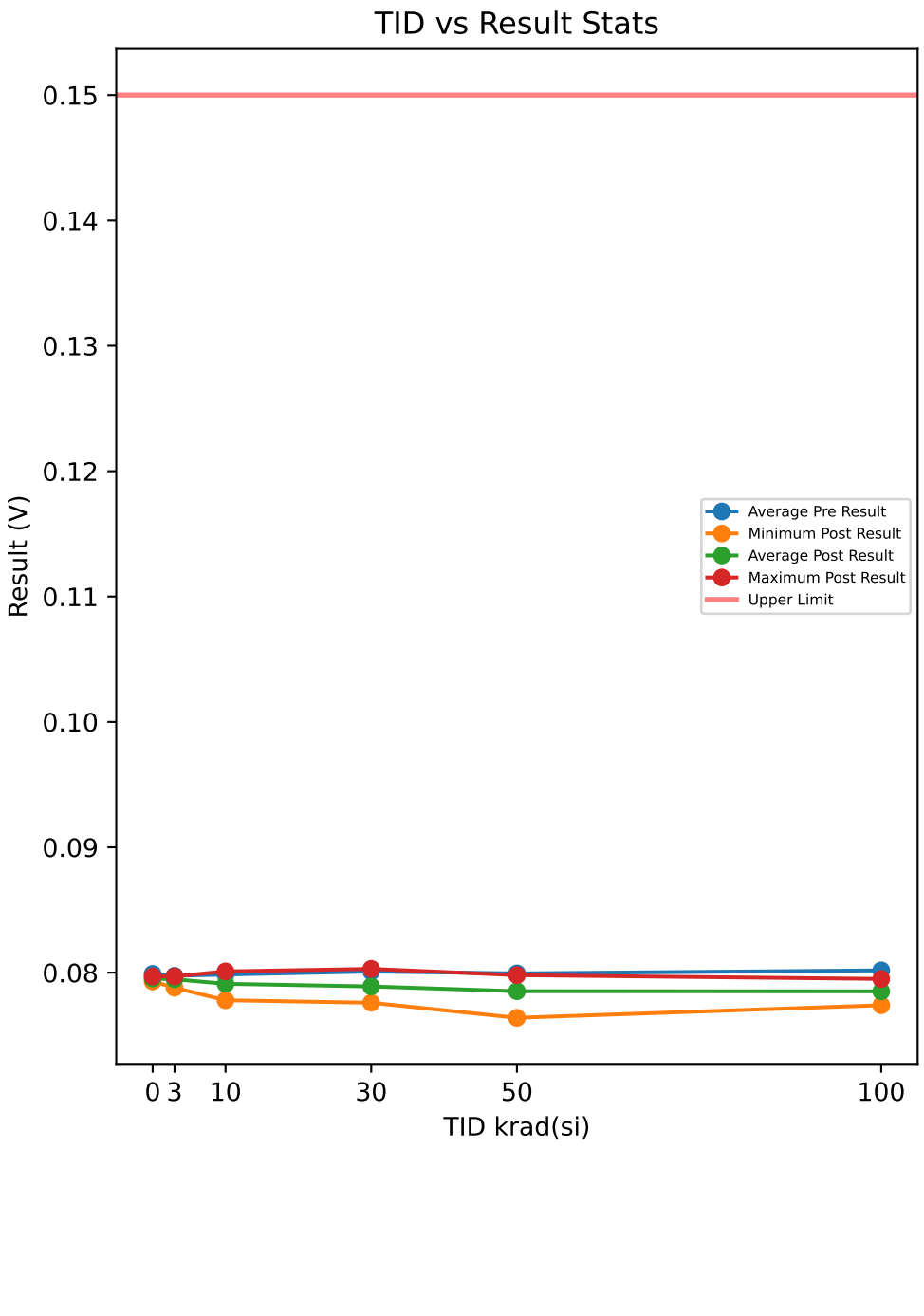
Test Results (Upper Limit = 1.0 (V))

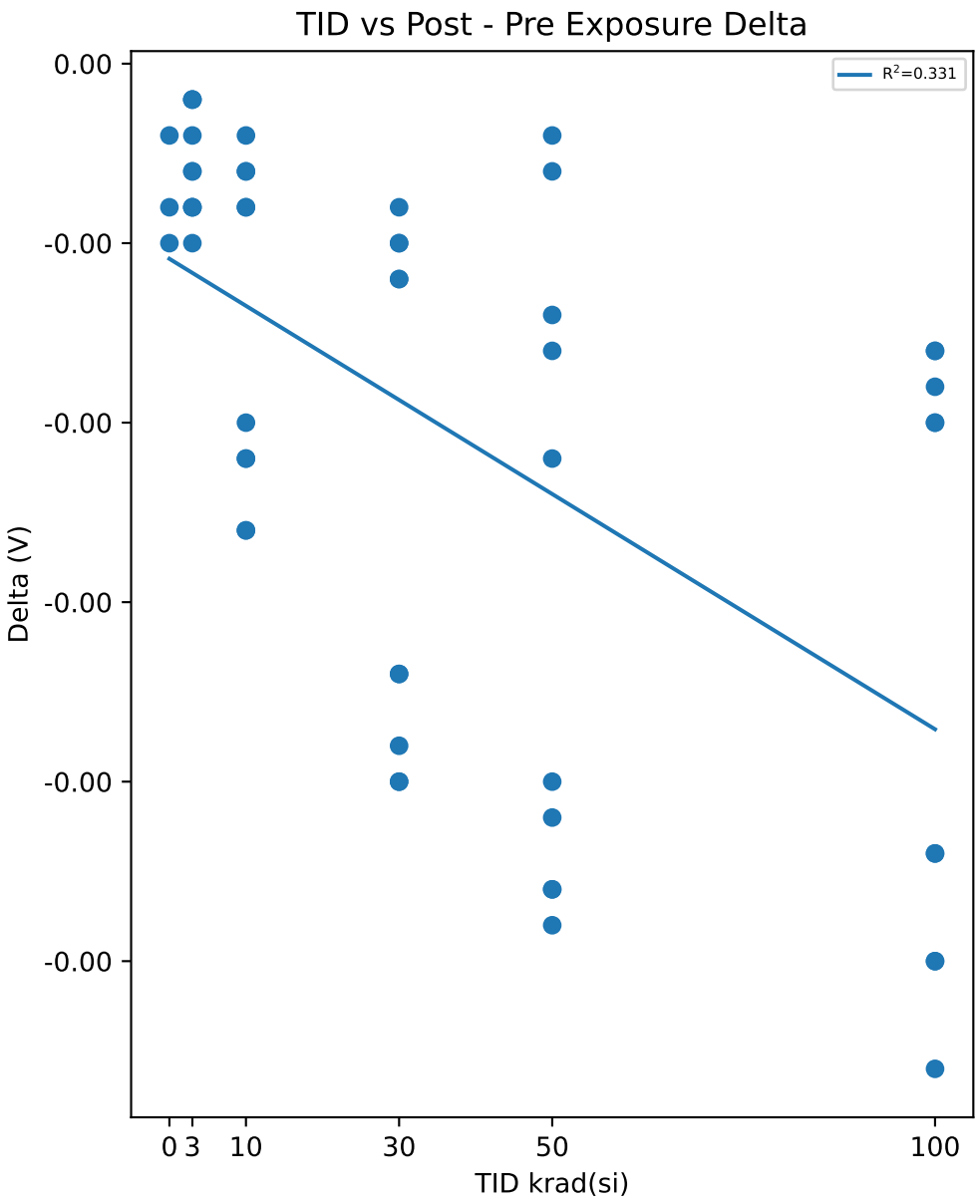
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.6804	0.6798	-0.0006
2	3	HDR BIAS	0.6798	0.679	-0.0008
3	3	HDR BIAS	0.6807	0.6792	-0.0015
4	3	HDR BIAS	0.6788	0.6778	-0.001
5	3	HDR BIAS	0.6801	0.6791	-0.001
6	3	HDR UNBIAS	0.679	0.6772	-0.0018
7	3	HDR UNBIAS	0.679	0.678	-0.001
8	3	HDR UNBIAS	0.6783	0.6773	-0.001
9	3	HDR UNBIAS	0.6805	0.6786	-0.0019
10	3	HDR UNBIAS	0.6778	0.6767	-0.0011
11	10	HDR BIAS	0.6779	0.6764	-0.0015
12	10	HDR BIAS	0.6794	0.6771	-0.0023
13	10	HDR BIAS	0.6767	0.6753	-0.0014
14	10	HDR BIAS	0.6782	0.6766	-0.0016
15	10	HDR BIAS	0.678	0.6755	-0.0025
16	10	HDR UNBIAS	0.6781	0.6765	-0.0016
17	10	HDR UNBIAS	0.6783	0.6767	-0.0016
18	10	HDR UNBIAS	0.6781	0.6752	-0.0029
19	10	HDR UNBIAS	0.6781	0.6764	-0.0017
20	10	HDR UNBIAS	0.6782	0.6767	-0.0015
31	30	HDR BIAS	0.6777	0.6748	-0.0029
32	30	HDR BIAS	0.6773	0.6743	-0.003
33	30	HDR BIAS	0.6785	0.6741	-0.0044
34	30	HDR BIAS	0.6778	0.675	-0.0028
35	30	HDR BIAS	0.6775	0.6743	-0.0032
36	30	HDR UNBIAS	0.6787	0.6745	-0.0042
37	30	HDR UNBIAS	0.6763	0.673	-0.0033
38	30	HDR UNBIAS	0.6788	0.6757	-0.0031
39	30	HDR UNBIAS	0.6786	0.6746	-0.004
40	30	HDR UNBIAS	0.678	0.6751	-0.0029
41	50	HDR BIAS	0.6781	0.6744	-0.0037
42	50	HDR BIAS	0.6771	0.672	-0.0051
43	50	HDR BIAS	0.6764	0.6725	-0.0039
44	50	HDR BIAS	0.6781	0.6745	-0.0036
45	50	HDR BIAS	0.6787	0.6739	-0.0048
46	50	HDR UNBIAS	0.6765	0.6726	-0.0039
47	50	HDR UNBIAS	0.6772	0.6739	-0.0033
48	50	HDR UNBIAS	0.6779	0.6733	-0.0046
49	50	HDR UNBIAS	0.6779	0.6726	-0.0053
50	50	HDR UNBIAS	0.678	0.6721	-0.0059
51	100	HDR BIAS	0.6785	0.671	-0.0075
52	100	HDR BIAS	0.6778	0.672	-0.0058
53	100	HDR BIAS	0.6769	0.6705	-0.0064
54	100	HDR BIAS	0.678	0.6707	-0.0073
55	100	HDR BIAS	0.6776	0.6717	-0.0059
56	100	HDR UNBIAS	0.6764	0.67	-0.0064
57	100	HDR UNBIAS	0.6795	0.6735	-0.006
58	100	HDR UNBIAS	0.6769	0.6711	-0.0058
59	100	HDR UNBIAS	0.6787	0.6728	-0.0059
60	100	HDR UNBIAS	0.6795	0.6724	-0.0071
71	0	CORRELATION	0.6783	0.6804	0.0021
72	0	CORRELATION	0.6795	0.6807	0.0012
73	0	CORRELATION	0.6781	0.6802	0.0021

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	0.6781	0.67863	0.6795	0.00075719	0.6802	0.68043	0.6807	0.00025166	0.0012	0.0018	0.0021	0.00051962
3	0.6778	0.67944	0.6807	0.00099911	0.6767	0.67827	0.6798	0.0010209	-0.0019	-0.00117	-0.0006	0.00042439
10	0.6767	0.6781	0.6794	0.00064636	0.6752	0.67624	0.6771	0.0006603	-0.0029	-0.00186	-0.0014	0.00051467
30	0.6763	0.67792	0.6788	0.00077717	0.673	0.67454	0.6757	0.00071678	-0.0044	-0.00338	-0.0028	0.00059217
50	0.6764	0.67759	0.6787	0.00075344	0.672	0.67318	0.6745	0.00094139	-0.0059	-0.00441	-0.0033	0.00085563
100	0.6764	0.67798	0.6795	0.0010758	0.67	0.67157	0.6735	0.0011076	-0.0075	-0.00641	-0.0058	0.00065735

Device Test: 24.3 LEVEL|LOW_LEVEL/OUTL/5/5/0/0/5/500kHz//@OUT_VOL





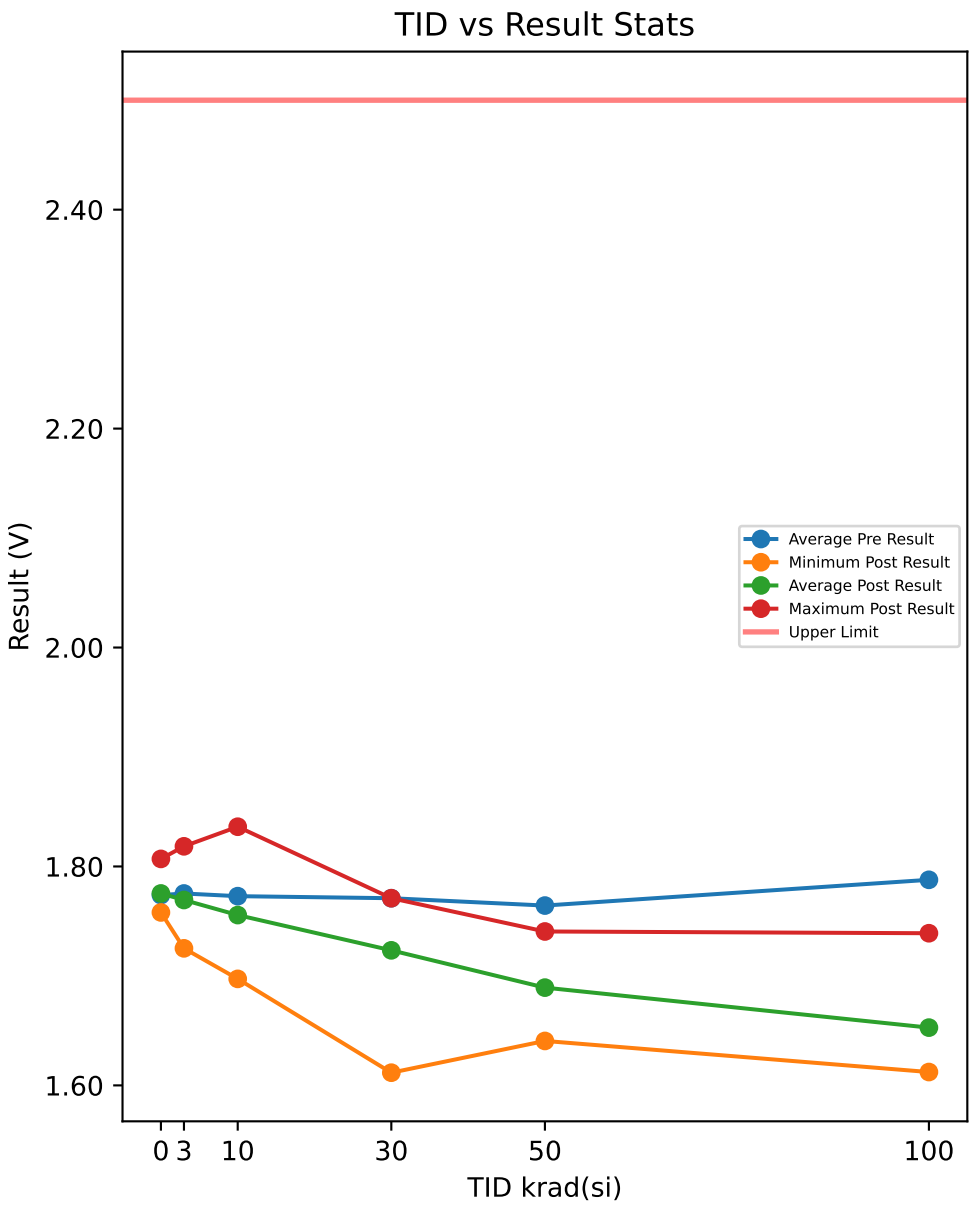
Test Results (Upper Limit = 0.15 (V))

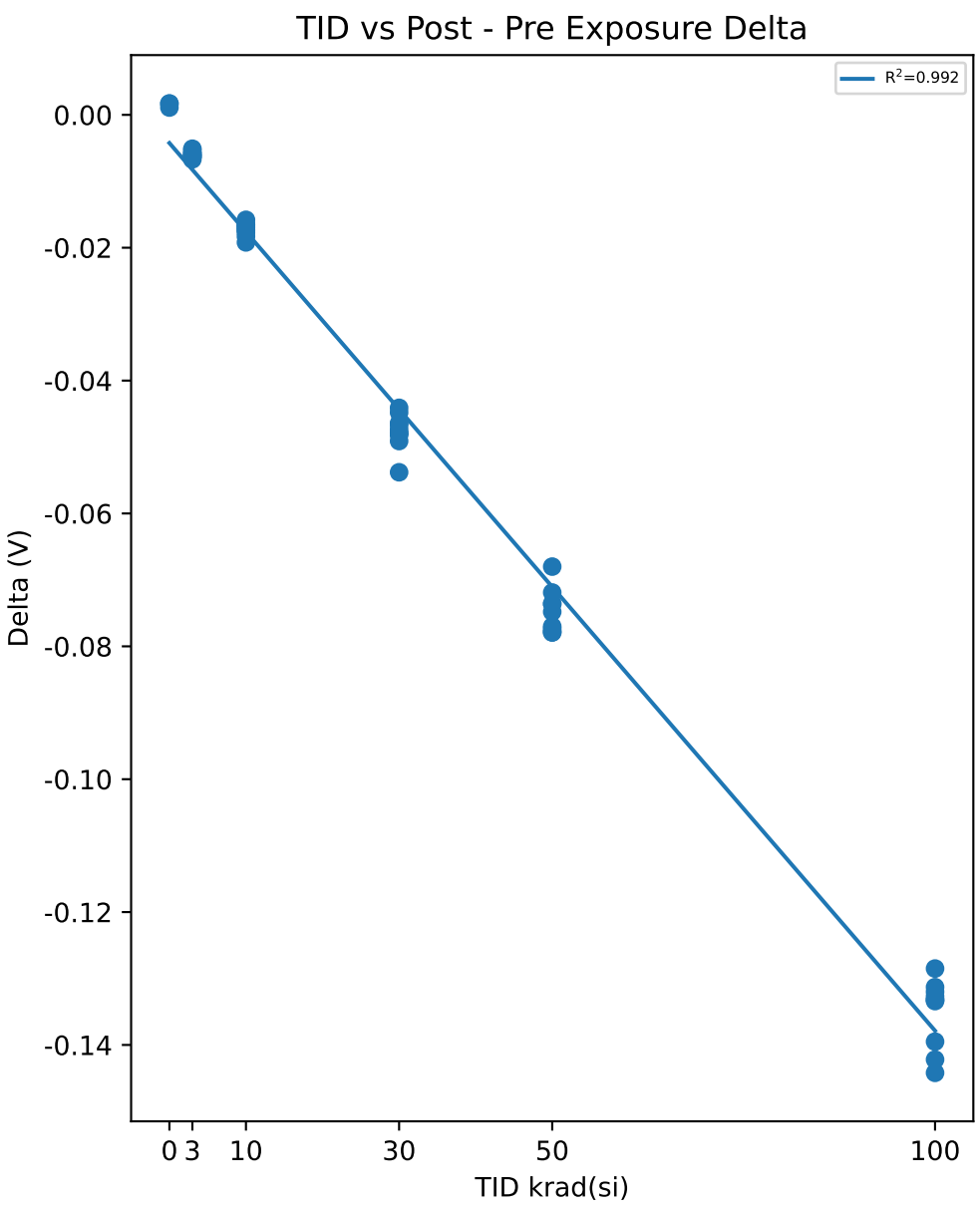
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.08	0.0796	-0.0004
2	3	HDR BIAS	0.0794	0.0791	-0.0003
3	3	HDR BIAS	0.0802	0.0797	-0.0005
4	3	HDR BIAS	0.0801	0.0797	-0.0004
5	3	HDR BIAS	0.0801	0.0797	-0.0004
6	3	HDR UNBIAS	0.0791	0.0788	-0.0003
7	3	HDR UNBIAS	0.0795	0.0794	-0.0001
8	3	HDR UNBIAS	0.0798	0.0797	-0.0001
9	3	HDR UNBIAS	0.0799	0.0797	-0.0002
10	3	HDR UNBIAS	0.0794	0.0793	-0.0001
11	10	HDR BIAS	0.0799	0.0788	-0.0011
12	10	HDR BIAS	0.0796	0.0785	-0.0011
13	10	HDR BIAS	0.0791	0.0778	-0.0013
14	10	HDR BIAS	0.0804	0.0794	-0.001
15	10	HDR BIAS	0.0791	0.0778	-0.0013
16	10	HDR UNBIAS	0.0798	0.0795	-0.0003
17	10	HDR UNBIAS	0.0799	0.0797	-0.0002
18	10	HDR UNBIAS	0.0805	0.0801	-0.0004
19	10	HDR UNBIAS	0.0802	0.0798	-0.0004
20	10	HDR UNBIAS	0.08	0.0797	-0.0003
31	30	HDR BIAS	0.0803	0.0784	-0.0019
32	30	HDR BIAS	0.0801	0.0784	-0.0017
33	30	HDR BIAS	0.0796	0.0776	-0.002
34	30	HDR BIAS	0.0803	0.0783	-0.002
35	30	HDR BIAS	0.0798	0.0781	-0.0017
36	30	HDR UNBIAS	0.0797	0.0792	-0.0005
37	30	HDR UNBIAS	0.0807	0.0801	-0.0006
38	30	HDR UNBIAS	0.0807	0.0803	-0.0004
39	30	HDR UNBIAS	0.0799	0.0793	-0.0006
40	30	HDR UNBIAS	0.0798	0.0793	-0.0005
41	50	HDR BIAS	0.08	0.0776	-0.0024
42	50	HDR BIAS	0.0809	0.0786	-0.0023
43	50	HDR BIAS	0.0784	0.0764	-0.002
44	50	HDR BIAS	0.08	0.0779	-0.0021
45	50	HDR BIAS	0.0798	0.0775	-0.0023
46	50	HDR UNBIAS	0.08	0.0792	-0.0008
47	50	HDR UNBIAS	0.0795	0.0788	-0.0007
48	50	HDR UNBIAS	0.0809	0.0798	-0.0011
49	50	HDR UNBIAS	0.08	0.0797	-0.0003
50	50	HDR UNBIAS	0.0799	0.0797	-0.0002
51	100	HDR BIAS	0.0804	0.0779	-0.0025
52	100	HDR BIAS	0.0799	0.0774	-0.0025
53	100	HDR BIAS	0.0805	0.0783	-0.0022
54	100	HDR BIAS	0.0802	0.0774	-0.0028
55	100	HDR BIAS	0.08	0.0778	-0.0022
56	100	HDR UNBIAS	0.0802	0.0794	-0.0008
57	100	HDR UNBIAS	0.0804	0.0795	-0.0009
58	100	HDR UNBIAS	0.0796	0.0786	-0.001
59	100	HDR UNBIAS	0.0801	0.0793	-0.0008
60	100	HDR UNBIAS	0.0805	0.0795	-0.001
71	0	CORRELATION	0.0801	0.0796	-0.0005
72	0	CORRELATION	0.0799	0.0797	-0.0002
73	0	CORRELATION	0.0797	0.0793	-0.0004

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	0.0797	0.0799	0.0801	0.0002	0.0793	0.079533	0.0797	0.00020817	-0.0005	-0.00036667	-0.0002	0.00015275
3	0.0791	0.07975	0.0802	0.00037491	0.0788	0.07947	0.0797	0.0003164	-0.0005	-0.00028	-0.0001	0.00014757
10	0.0791	0.07985	0.0805	0.000479	0.0778	0.07911	0.0801	0.00083593	-0.0013	-0.00074	-0.0002	0.00045509
30	0.0796	0.08009	0.0807	0.00039847	0.0776	0.0789	0.0803	0.00088192	-0.002	-0.00119	-0.0004	0.00071562
50	0.0784	0.07994	0.0809	0.00070269	0.0764	0.07852	0.0798	0.0011419	-0.0024	-0.00142	-0.0002	0.00088544
100	0.0796	0.08018	0.0805	0.00028983	0.0774	0.07851	0.0795	0.00086724	-0.0028	-0.00167	-0.0008	0.0008314

Device Test: 24.30 VOLTAGE|OUT_CLAMP/OUTL/5/0/0/0/0/0//@OUT_CLAMP_FULL





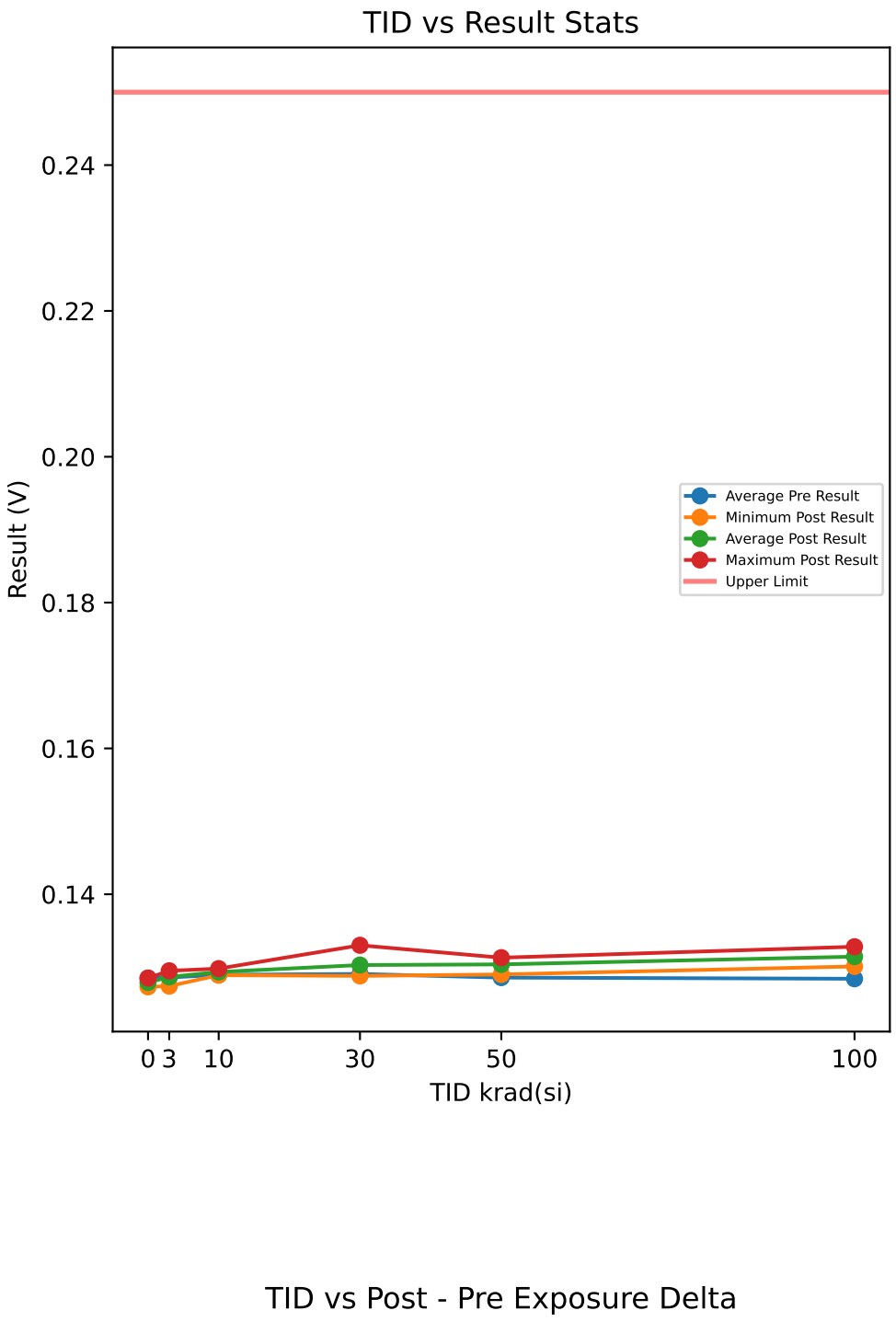
Test Results (Upper Limit = 2.5 (V))

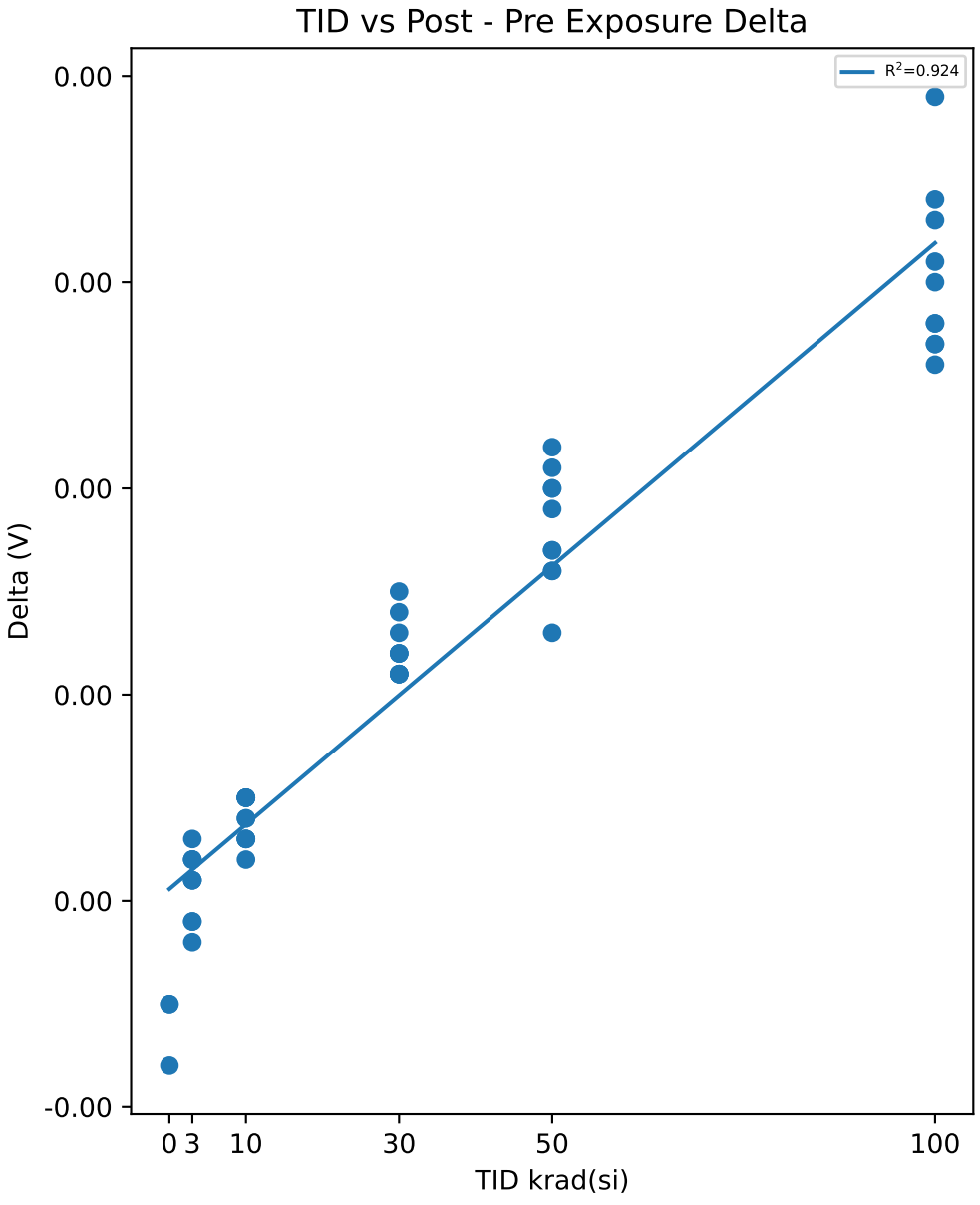
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.7882	1.7831	-0.0051
2	3	HDR BIAS	1.8055	1.8002	-0.0053
3	3	HDR BIAS	1.7601	1.7539	-0.0062
4	3	HDR BIAS	1.7779	1.7721	-0.0058
5	3	HDR BIAS	1.8247	1.8184	-0.0063
6	3	HDR UNBIAS	1.7486	1.7419	-0.0067
7	3	HDR UNBIAS	1.7482	1.7424	-0.0058
8	3	HDR UNBIAS	1.7315	1.7252	-0.0063
9	3	HDR UNBIAS	1.8029	1.7967	-0.0062
10	3	HDR UNBIAS	1.7655	1.7597	-0.0058
11	10	HDR BIAS	1.7495	1.733	-0.0165
12	10	HDR BIAS	1.7753	1.7587	-0.0166
13	10	HDR BIAS	1.7383	1.7225	-0.0158
14	10	HDR BIAS	1.7865	1.7688	-0.0177
15	10	HDR BIAS	1.7146	1.6973	-0.0173
16	10	HDR UNBIAS	1.8031	1.7863	-0.0168
17	10	HDR UNBIAS	1.7664	1.749	-0.0174
18	10	HDR UNBIAS	1.7589	1.7397	-0.0192
19	10	HDR UNBIAS	1.7814	1.7644	-0.017
20	10	HDR UNBIAS	1.8546	1.8363	-0.0183
31	30	HDR BIAS	1.8028	1.749	-0.0538
32	30	HDR BIAS	1.8158	1.771	-0.0448
33	30	HDR BIAS	1.6557	1.6116	-0.0441
34	30	HDR BIAS	1.7745	1.7279	-0.0466
35	30	HDR BIAS	1.7731	1.7252	-0.0479
36	30	HDR UNBIAS	1.753	1.7066	-0.0464
37	30	HDR UNBIAS	1.779	1.7317	-0.0473
38	30	HDR UNBIAS	1.7975	1.7493	-0.0482
39	30	HDR UNBIAS	1.7895	1.7404	-0.0491
40	30	HDR UNBIAS	1.769	1.7211	-0.0479
41	50	HDR BIAS	1.7442	1.6694	-0.0748
42	50	HDR BIAS	1.7605	1.6869	-0.0736
43	50	HDR BIAS	1.7086	1.6406	-0.068
44	50	HDR BIAS	1.8179	1.7406	-0.0773
45	50	HDR BIAS	1.7622	1.6852	-0.077
46	50	HDR UNBIAS	1.737	1.6634	-0.0736
47	50	HDR UNBIAS	1.8092	1.7373	-0.0719
48	50	HDR UNBIAS	1.7747	1.6968	-0.0779
49	50	HDR UNBIAS	1.779	1.7013	-0.0777
50	50	HDR UNBIAS	1.7495	1.6716	-0.0779
51	100	HDR BIAS	1.8722	1.739	-0.1332
52	100	HDR BIAS	1.8108	1.6823	-0.1285
53	100	HDR BIAS	1.7615	1.6288	-0.1327
54	100	HDR BIAS	1.755	1.6155	-0.1395
55	100	HDR BIAS	1.76	1.6266	-0.1334
56	100	HDR UNBIAS	1.7454	1.6122	-0.1332
57	100	HDR UNBIAS	1.8425	1.7112	-0.1313
58	100	HDR UNBIAS	1.7626	1.6306	-0.132
59	100	HDR UNBIAS	1.7873	1.6451	-0.1422
60	100	HDR UNBIAS	1.7807	1.6365	-0.1442
71	0	CORRELATION	1.8052	1.8069	0.0017
72	0	CORRELATION	1.7569	1.758	0.0011
73	0	CORRELATION	1.7594	1.7611	0.0017

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	1.7569	1.7738	1.8052	0.027193	1.758	1.7753	1.8069	0.027381	0.0011	0.0015	0.0017	0.00034641
3	1.7315	1.7753	1.8247	0.029777	1.7252	1.7694	1.8184	0.029932	-0.0067	-0.00595	-0.0051	0.00048819
10	1.7146	1.7729	1.8546	0.038343	1.6973	1.7556	1.8363	0.038032	-0.0192	-0.01726	-0.0158	0.00097091
30	1.6557	1.771	1.8158	0.044429	1.6116	1.7234	1.771	0.043154	-0.0538	-0.04761	-0.0441	0.0026635
50	1.7086	1.7643	1.8179	0.032834	1.6406	1.6893	1.7406	0.031465	-0.0779	-0.07497	-0.068	0.0032653
100	1.7454	1.7878	1.8722	0.041724	1.6122	1.6528	1.739	0.043245	-0.1442	-0.13502	-0.1285	0.0051207

Device Test: 24.4 LEVEL|HIGH_LEVEL/OUTH/5/5/0/0/5/500kHz//@OUT_VOH





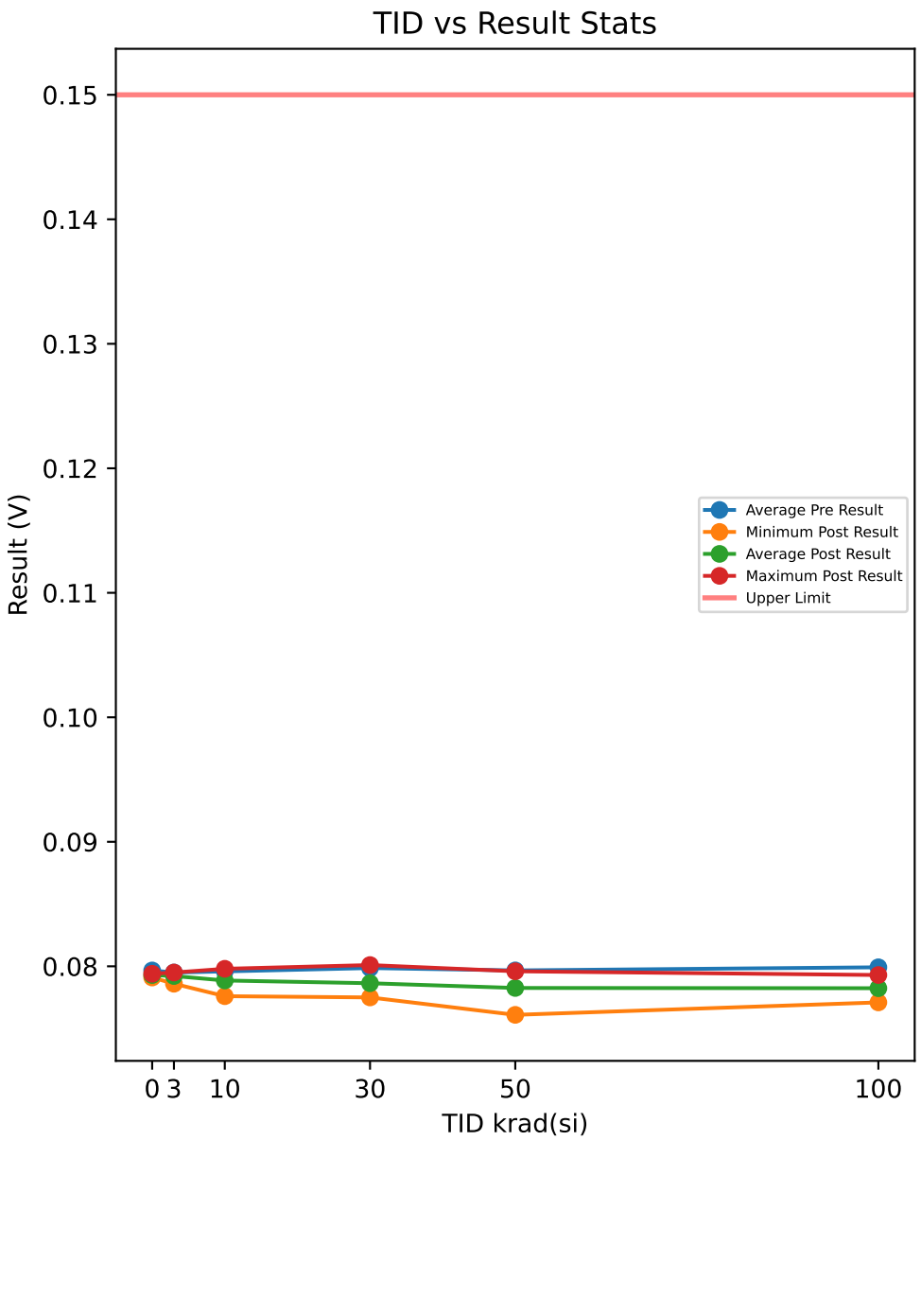
Test Results (Upper Limit = 0.25 (V))

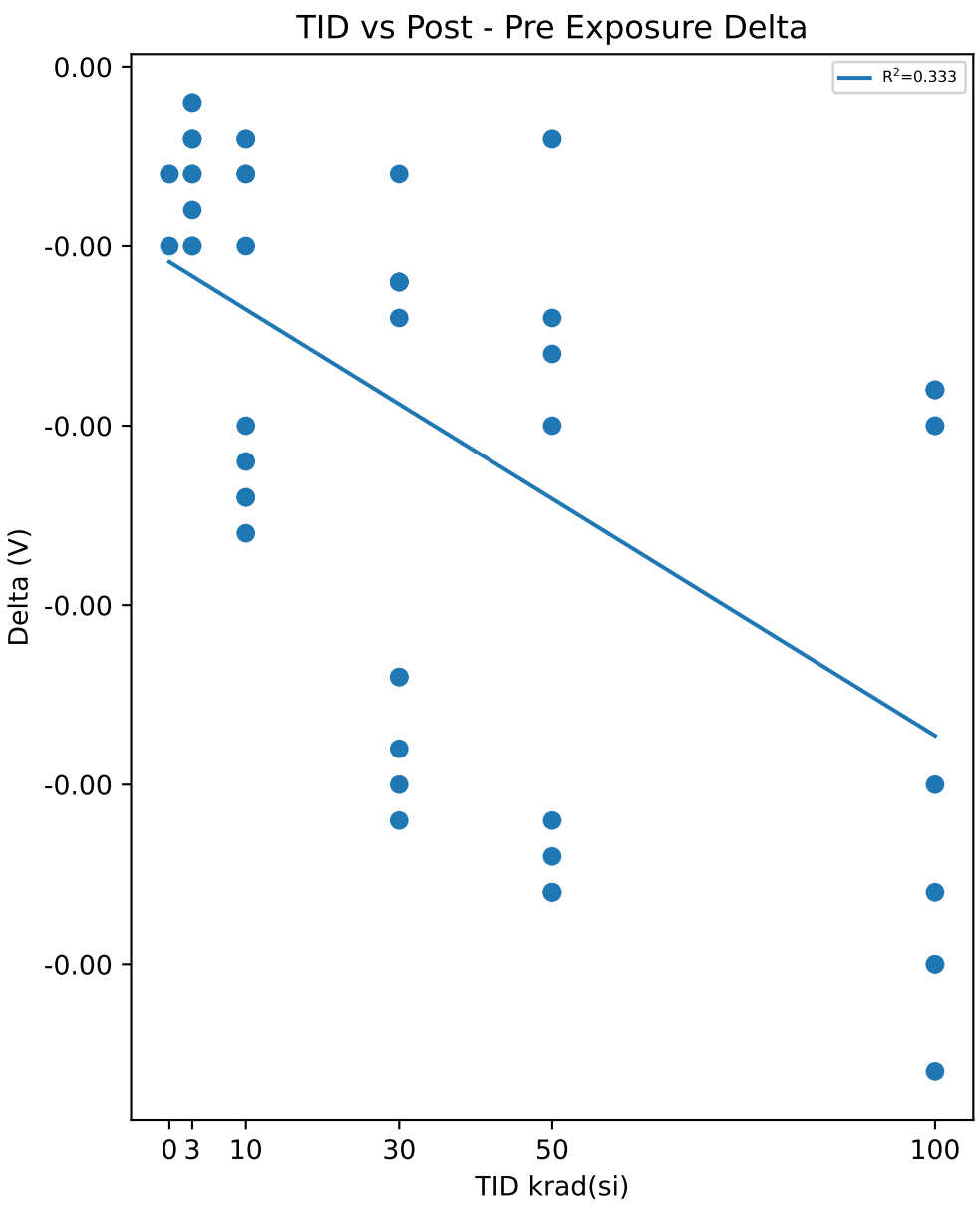
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1282	0.1283	0.0001
2	3	HDR BIAS	0.1283	0.1281	-0.0002
3	3	HDR BIAS	0.1276	0.1278	0.0002
4	3	HDR BIAS	0.1286	0.1287	0.0001
5	3	HDR BIAS	0.129	0.1289	-0.0001
6	3	HDR UNBIAS	0.1272	0.1274	0.0002
7	3	HDR UNBIAS	0.1294	0.1295	0.0001
8	3	HDR UNBIAS	0.1293	0.1292	-0.0001
9	3	HDR UNBIAS	0.1292	0.1295	0.0003
10	3	HDR UNBIAS	0.129	0.1292	0.0002
11	10	HDR BIAS	0.1294	0.1296	0.0002
12	10	HDR BIAS	0.1292	0.1297	0.0005
13	10	HDR BIAS	0.1284	0.1289	0.0005
14	10	HDR BIAS	0.1293	0.1296	0.0003
15	10	HDR BIAS	0.1286	0.1291	0.0005
16	10	HDR UNBIAS	0.1287	0.129	0.0003
17	10	HDR UNBIAS	0.1295	0.1298	0.0003
18	10	HDR UNBIAS	0.1286	0.1291	0.0005
19	10	HDR UNBIAS	0.1285	0.1289	0.0004
20	10	HDR UNBIAS	0.1293	0.1297	0.0004
31	30	HDR BIAS	0.1317	0.133	0.0013
32	30	HDR BIAS	0.1297	0.1309	0.0012
33	30	HDR BIAS	0.1274	0.1288	0.0014
34	30	HDR BIAS	0.1277	0.1289	0.0012
35	30	HDR BIAS	0.1284	0.1295	0.0011
36	30	HDR UNBIAS	0.1285	0.1296	0.0011
37	30	HDR UNBIAS	0.1289	0.13	0.0011
38	30	HDR UNBIAS	0.1295	0.1306	0.0011
39	30	HDR UNBIAS	0.1292	0.1307	0.0015
40	30	HDR UNBIAS	0.1297	0.1309	0.0012
41	50	HDR BIAS	0.1283	0.13	0.0017
42	50	HDR BIAS	0.1292	0.1313	0.0021
43	50	HDR BIAS	0.1274	0.129	0.0016
44	50	HDR BIAS	0.1293	0.1312	0.0019
45	50	HDR BIAS	0.1289	0.1311	0.0022
46	50	HDR UNBIAS	0.1295	0.1312	0.0017
47	50	HDR UNBIAS	0.1284	0.1297	0.0013
48	50	HDR UNBIAS	0.1283	0.1299	0.0016
49	50	HDR UNBIAS	0.1284	0.1304	0.002
50	50	HDR UNBIAS	0.128	0.13	0.002
51	100	HDR BIAS	0.127	0.1309	0.0039
52	100	HDR BIAS	0.1279	0.131	0.0031
53	100	HDR BIAS	0.1289	0.1317	0.0028
54	100	HDR BIAS	0.1287	0.1321	0.0034
55	100	HDR BIAS	0.1295	0.1328	0.0033
56	100	HDR UNBIAS	0.1285	0.1312	0.0027
57	100	HDR UNBIAS	0.129	0.1318	0.0028
58	100	HDR UNBIAS	0.1275	0.1301	0.0026
59	100	HDR UNBIAS	0.1284	0.1311	0.0027
60	100	HDR UNBIAS	0.1287	0.1317	0.003
71	0	CORRELATION	0.1281	0.1273	-0.0008
72	0	CORRELATION	0.1284	0.1279	-0.0005
73	0	CORRELATION	0.129	0.1285	-0.0005

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	0.1281	0.1285	0.129	0.00045826	0.1273	0.1279	0.1285	0.0006	-0.0008	-0.0006	-0.0005	0.00017321
3	0.1272	0.12858	0.1294	0.00074655	0.1274	0.12866	0.1295	0.00073212	-0.0002	8e-05	0.0003	0.00016193
10	0.1284	0.12895	0.1295	0.00042492	0.1289	0.12934	0.1298	0.00036878	0.0002	0.00039	0.0005	0.00011005
30	0.1274	0.12907	0.1317	0.0012193	0.1288	0.13029	0.133	0.0012333	0.0011	0.00122	0.0015	0.00013984
50	0.1274	0.12857	0.1295	0.00064987	0.129	0.13038	0.1313	0.00078853	0.0013	0.00181	0.0022	0.00027669
100	0.127	0.12841	0.1295	0.00074751	0.1301	0.13144	0.1328	0.00074565	0.0026	0.00303	0.0039	0.00040565

Device Test: 24.5 LEVEL|LOW_LEVEL/OUTL/12/12/0/0/5/500kHz//@OUT_VOL





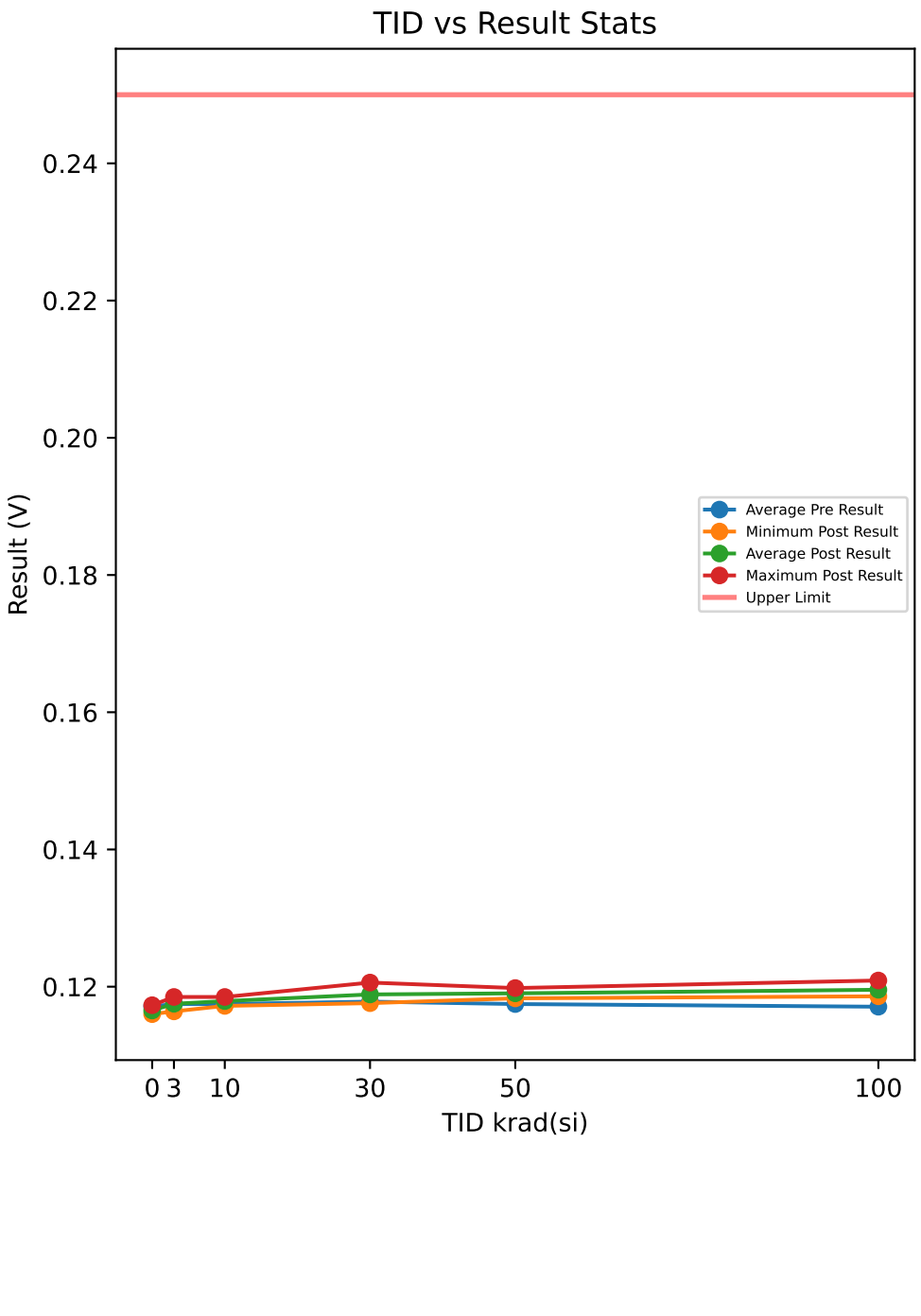
Test Results (Upper Limit = 0.15 (V))

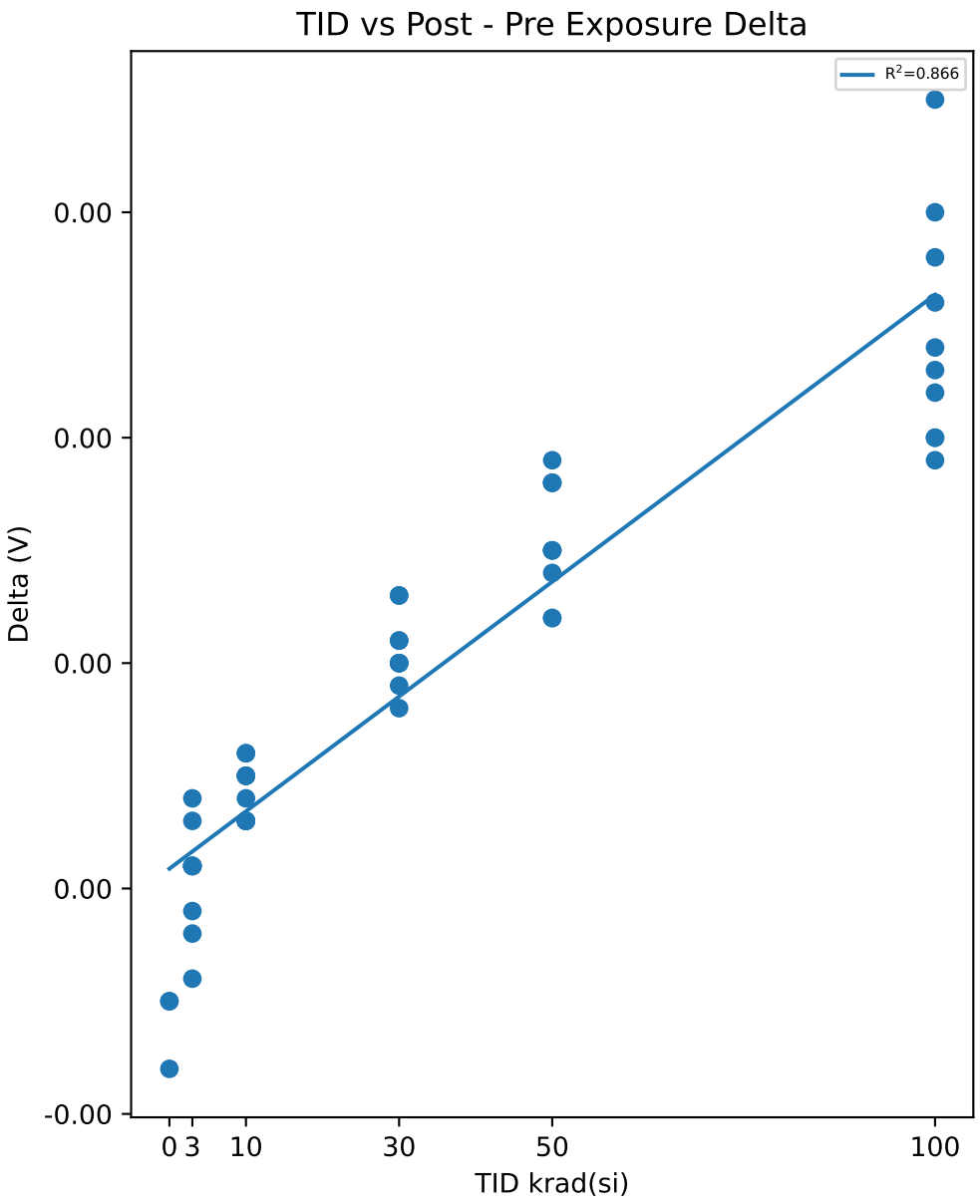
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.0798	0.0793	-0.0005
2	3	HDR BIAS	0.0792	0.0789	-0.0003
3	3	HDR BIAS	0.0799	0.0794	-0.0005
4	3	HDR BIAS	0.0798	0.0794	-0.0004
5	3	HDR BIAS	0.0798	0.0795	-0.0003
6	3	HDR UNBIAS	0.0788	0.0786	-0.0002
7	3	HDR UNBIAS	0.0793	0.0792	-0.0001
8	3	HDR UNBIAS	0.0795	0.0794	-0.0001
9	3	HDR UNBIAS	0.0796	0.0794	-0.0002
10	3	HDR UNBIAS	0.0793	0.0791	-0.0002
11	10	HDR BIAS	0.0796	0.0784	-0.0012
12	10	HDR BIAS	0.0793	0.0782	-0.0011
13	10	HDR BIAS	0.0788	0.0776	-0.0012
14	10	HDR BIAS	0.0802	0.0792	-0.001
15	10	HDR BIAS	0.079	0.0777	-0.0013
16	10	HDR UNBIAS	0.0796	0.0793	-0.0003
17	10	HDR UNBIAS	0.0796	0.0794	-0.0002
18	10	HDR UNBIAS	0.0803	0.0798	-0.0005
19	10	HDR UNBIAS	0.0798	0.0796	-0.0002
20	10	HDR UNBIAS	0.0797	0.0794	-0.0003
31	30	HDR BIAS	0.08	0.0781	-0.0019
32	30	HDR BIAS	0.0798	0.0781	-0.0017
33	30	HDR BIAS	0.0795	0.0775	-0.002
34	30	HDR BIAS	0.0801	0.078	-0.0021
35	30	HDR BIAS	0.0796	0.0779	-0.0017
36	30	HDR UNBIAS	0.0796	0.0789	-0.0007
37	30	HDR UNBIAS	0.0803	0.0797	-0.0006
38	30	HDR UNBIAS	0.0804	0.0801	-0.0003
39	30	HDR UNBIAS	0.0797	0.0791	-0.0006
40	30	HDR UNBIAS	0.0796	0.079	-0.0006
41	50	HDR BIAS	0.0797	0.0774	-0.0023
42	50	HDR BIAS	0.0807	0.0784	-0.0023
43	50	HDR BIAS	0.0782	0.0761	-0.0021
44	50	HDR BIAS	0.0798	0.0776	-0.0022
45	50	HDR BIAS	0.0796	0.0773	-0.0023
46	50	HDR UNBIAS	0.0797	0.0789	-0.0008
47	50	HDR UNBIAS	0.0792	0.0785	-0.0007
48	50	HDR UNBIAS	0.0806	0.0796	-0.001
49	50	HDR UNBIAS	0.0796	0.0794	-0.0002
50	50	HDR UNBIAS	0.0796	0.0794	-0.0002
51	100	HDR BIAS	0.08	0.0775	-0.0025
52	100	HDR BIAS	0.0796	0.0771	-0.0025
53	100	HDR BIAS	0.0802	0.0782	-0.002
54	100	HDR BIAS	0.08	0.0772	-0.0028
55	100	HDR BIAS	0.0797	0.0774	-0.0023
56	100	HDR UNBIAS	0.0801	0.0792	-0.0009
57	100	HDR UNBIAS	0.0802	0.0793	-0.0009
58	100	HDR UNBIAS	0.0794	0.0784	-0.001
59	100	HDR UNBIAS	0.0798	0.0789	-0.0009
60	100	HDR UNBIAS	0.0802	0.0792	-0.001
71	0	CORRELATION	0.0799	0.0794	-0.0005
72	0	CORRELATION	0.0797	0.0794	-0.0003
73	0	CORRELATION	0.0794	0.0791	-0.0003

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	0.0794	0.079667	0.0799	0.00025166	0.0791	0.0793	0.0794	0.00017321	-0.0005	-0.00036667	-0.0003	0.00011547
3	0.0788	0.0795	0.0799	0.0003496	0.0786	0.07922	0.0795	0.00028206	-0.0005	-0.00028	-0.0001	0.00014757
10	0.0788	0.07959	0.0803	0.00047011	0.0776	0.07886	0.0798	0.00080994	-0.0013	-0.00073	-0.0002	0.00046679
30	0.0795	0.07986	0.0804	0.00032042	0.0775	0.07864	0.0801	0.0008501	-0.0021	-0.00122	-0.0003	0.00071305
50	0.0782	0.07967	0.0807	0.0006945	0.0761	0.07826	0.0796	0.0011374	-0.0023	-0.00141	-0.0002	0.00090976
100	0.0794	0.07992	0.0802	0.00028206	0.0771	0.07824	0.0793	0.00088594	-0.0028	-0.00168	-0.0009	0.00080526

Device Test: 24.6 LEVEL|HIGH_LEVEL/OUTH/12/12/0/0/5/500kHz//@OUT_VOH





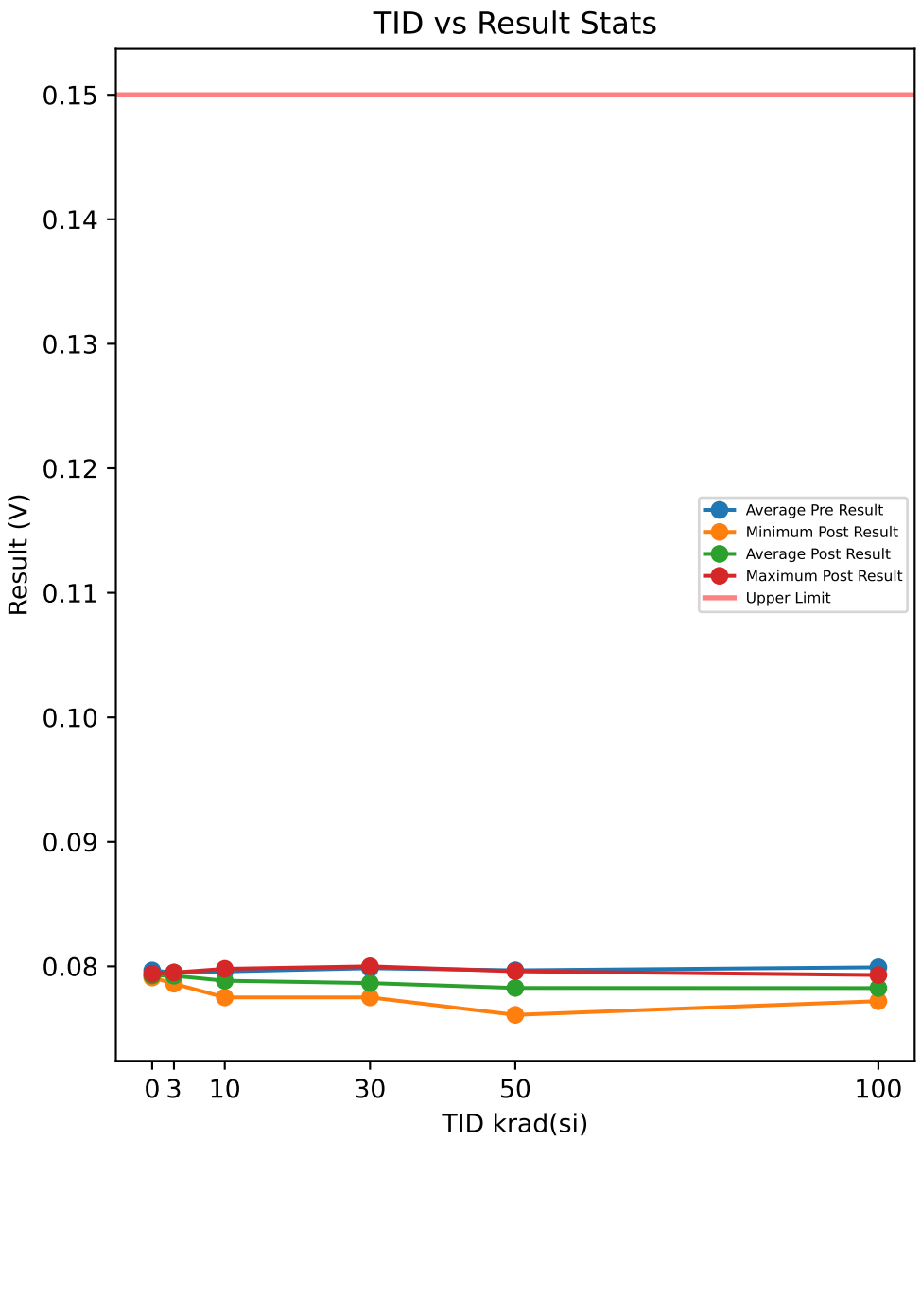
Test Results (Upper Limit = 0.25 (V))

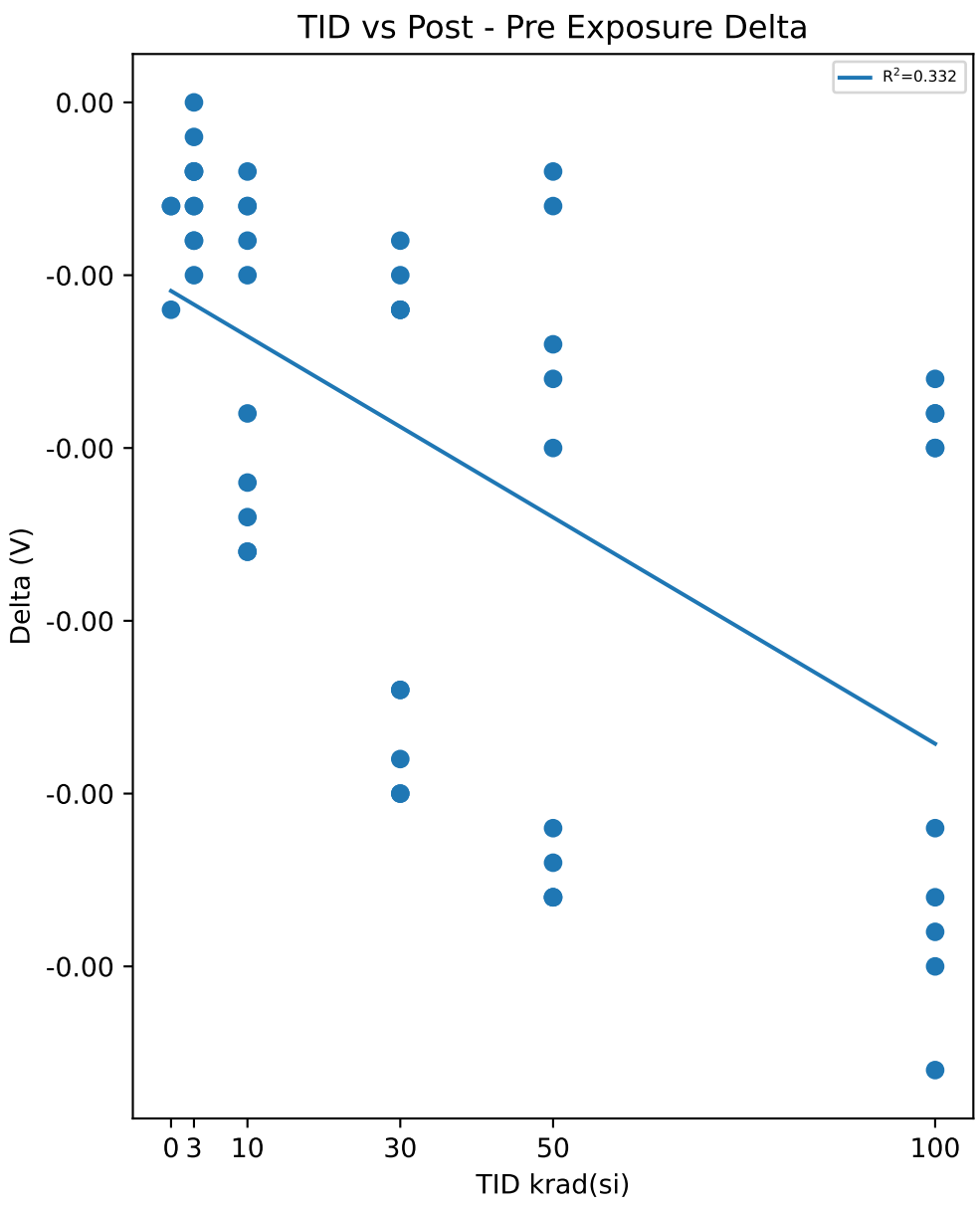
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1167	0.1168	0.0001
2	3	HDR BIAS	0.1172	0.1168	-0.0004
3	3	HDR BIAS	0.1163	0.1164	0.0001
4	3	HDR BIAS	0.118	0.1181	0.0001
5	3	HDR BIAS	0.1179	0.1177	-0.0002
6	3	HDR UNBIAS	0.1167	0.1171	0.0004
7	3	HDR UNBIAS	0.1181	0.1182	0.0001
8	3	HDR UNBIAS	0.1177	0.1176	-0.0001
9	3	HDR UNBIAS	0.1182	0.1185	0.0003
10	3	HDR UNBIAS	0.1178	0.1179	0.0001
11	10	HDR BIAS	0.1181	0.1184	0.0003
12	10	HDR BIAS	0.1172	0.1178	0.0006
13	10	HDR BIAS	0.1171	0.1176	0.0005
14	10	HDR BIAS	0.1182	0.1185	0.0003
15	10	HDR BIAS	0.1177	0.1182	0.0005
16	10	HDR UNBIAS	0.1168	0.1173	0.0005
17	10	HDR UNBIAS	0.1181	0.1184	0.0003
18	10	HDR UNBIAS	0.1166	0.1172	0.0006
19	10	HDR UNBIAS	0.1174	0.1178	0.0004
20	10	HDR UNBIAS	0.1175	0.1178	0.0003
31	30	HDR BIAS	0.1196	0.1206	0.001
32	30	HDR BIAS	0.1184	0.1195	0.0011
33	30	HDR BIAS	0.1163	0.1176	0.0013
34	30	HDR BIAS	0.1166	0.1179	0.0013
35	30	HDR BIAS	0.1175	0.1186	0.0011
36	30	HDR UNBIAS	0.1175	0.1185	0.001
37	30	HDR UNBIAS	0.1174	0.1184	0.001
38	30	HDR UNBIAS	0.1184	0.1192	0.0008
39	30	HDR UNBIAS	0.118	0.119	0.001
40	30	HDR UNBIAS	0.1185	0.1194	0.0009
41	50	HDR BIAS	0.1179	0.1194	0.0015
42	50	HDR BIAS	0.118	0.1198	0.0018
43	50	HDR BIAS	0.1168	0.1183	0.0015
44	50	HDR BIAS	0.1179	0.1197	0.0018
45	50	HDR BIAS	0.1176	0.1191	0.0015
46	50	HDR UNBIAS	0.1186	0.1198	0.0012
47	50	HDR UNBIAS	0.1172	0.1184	0.0012
48	50	HDR UNBIAS	0.1171	0.1185	0.0014
49	50	HDR UNBIAS	0.1167	0.1186	0.0019
50	50	HDR UNBIAS	0.1169	0.1187	0.0018
51	100	HDR BIAS	0.1161	0.1196	0.0035
52	100	HDR BIAS	0.1166	0.1192	0.0026
53	100	HDR BIAS	0.1176	0.1198	0.0022
54	100	HDR BIAS	0.1173	0.1203	0.003
55	100	HDR BIAS	0.1181	0.1209	0.0028
56	100	HDR UNBIAS	0.1174	0.1193	0.0019
57	100	HDR UNBIAS	0.1175	0.1195	0.002
58	100	HDR UNBIAS	0.1166	0.1186	0.002
59	100	HDR UNBIAS	0.1166	0.119	0.0024
60	100	HDR UNBIAS	0.117	0.1193	0.0023
71	0	CORRELATION	0.1171	0.1163	-0.0008
72	0	CORRELATION	0.1165	0.116	-0.0005
73	0	CORRELATION	0.1178	0.1173	-0.0005

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	0.1165	0.11713	0.1178	0.00065064	0.116	0.11653	0.1173	0.00068069	-0.0008	-0.0006	-0.0005	0.00017321
3	0.1163	0.11746	0.1182	0.00068183	0.1164	0.11751	0.1185	0.00069992	-0.0004	5e-05	0.0004	0.00023214
10	0.1166	0.11747	0.1182	0.00055787	0.1172	0.1179	0.1185	0.00046188	0.0003	0.00043	0.0006	0.00012517
30	0.1163	0.11782	0.1196	0.00097274	0.1176	0.11887	0.1206	0.00086801	0.0008	0.00105	0.0013	0.00015811
50	0.1167	0.11747	0.1186	0.00062548	0.1183	0.11903	0.1198	0.00060378	0.0012	0.00156	0.0019	0.00025473
100	0.1161	0.11708	0.1181	0.00060516	0.1186	0.11955	0.1209	0.0006587	0.0019	0.00247	0.0035	0.00051001

Device Test: 24.7 LEVEL|LOW_LEVEL/OUTL/14/14/0/0/5/500kHz//@OUT_VOL





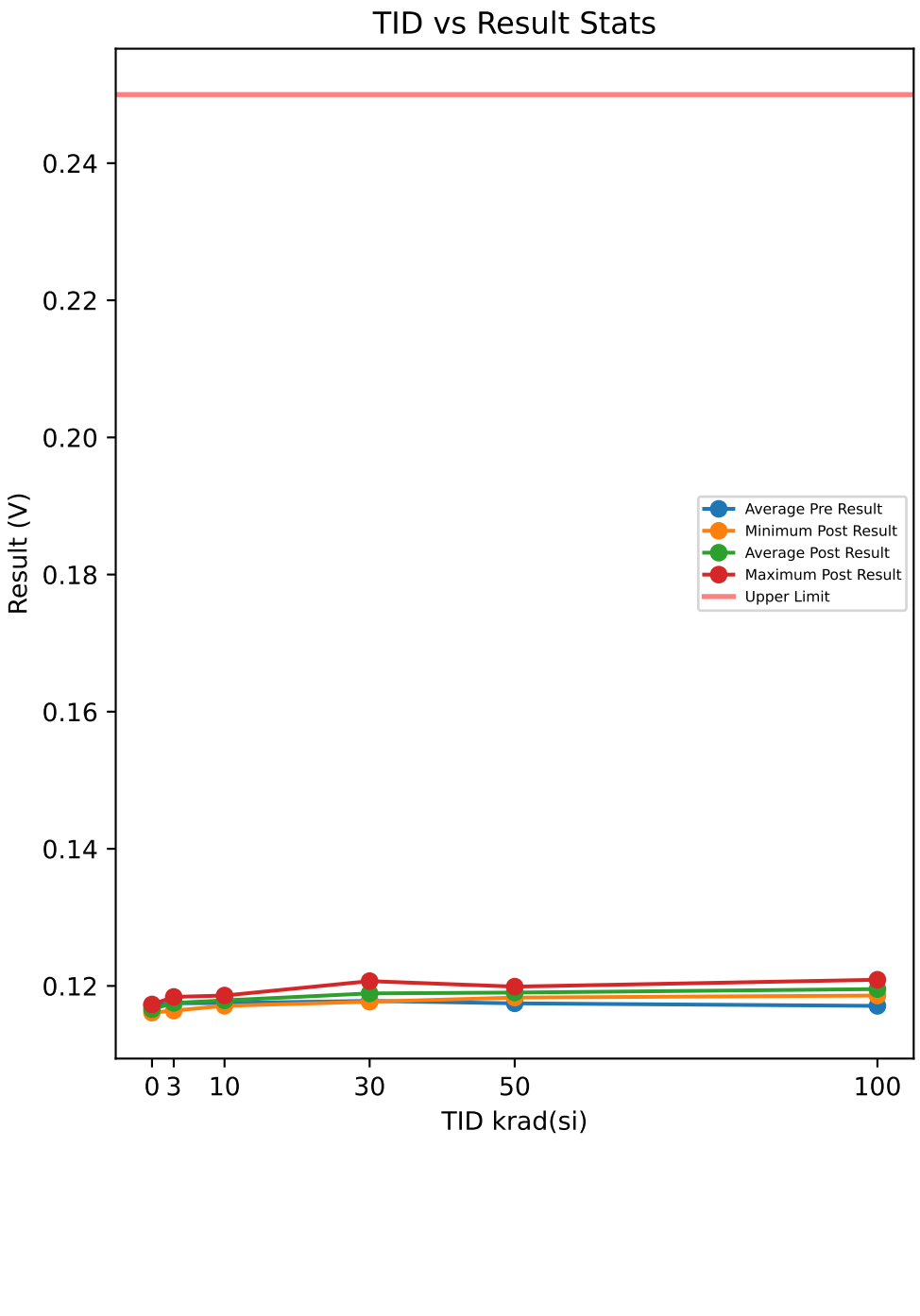
Test Results (Upper Limit = 0.15 (V))

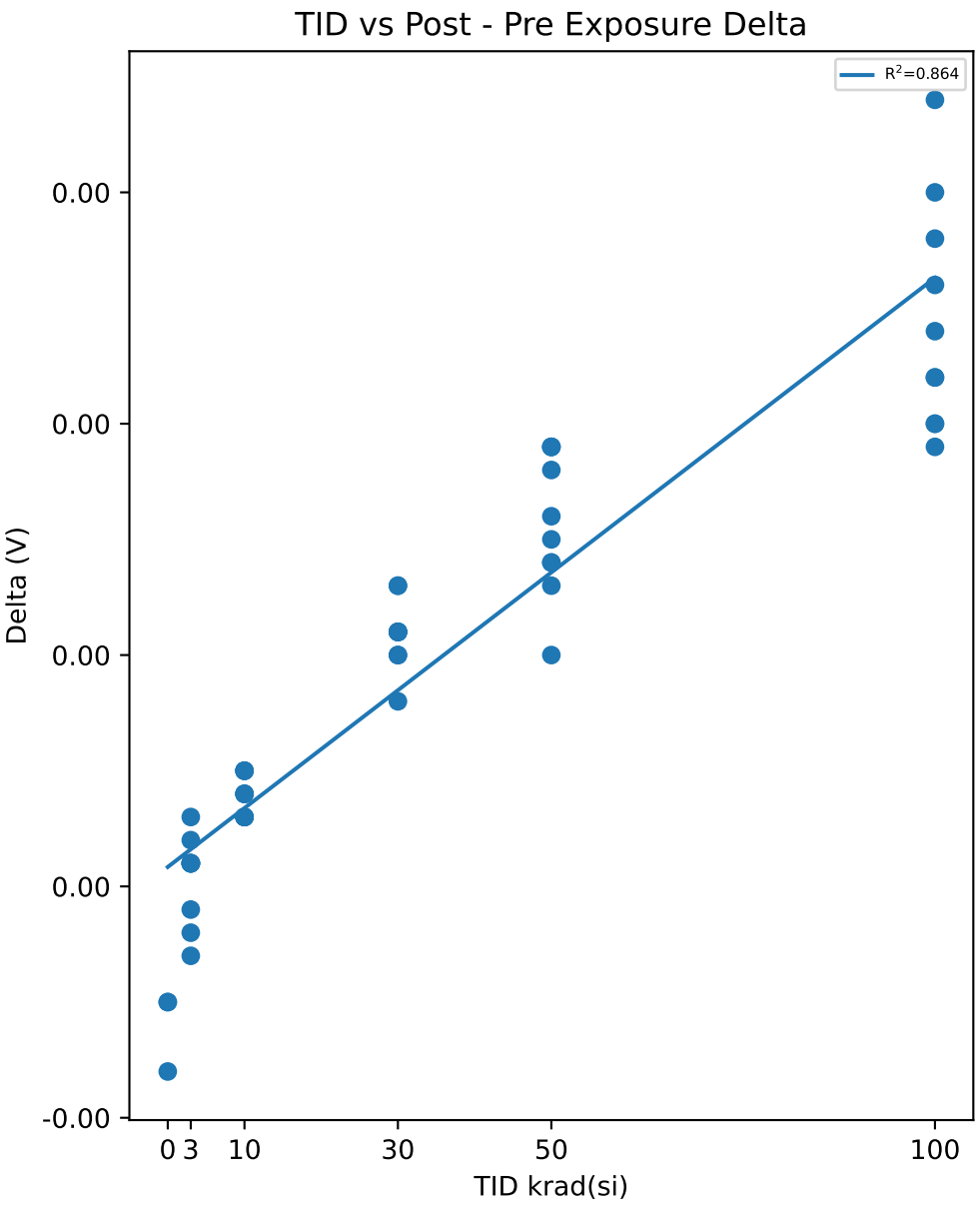
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.0798	0.0794	-0.0004
2	3	HDR BIAS	0.0792	0.0789	-0.0003
3	3	HDR BIAS	0.0799	0.0794	-0.0005
4	3	HDR BIAS	0.0798	0.0794	-0.0004
5	3	HDR BIAS	0.0798	0.0795	-0.0003
6	3	HDR UNBIAS	0.0788	0.0786	-0.0002
7	3	HDR UNBIAS	0.0792	0.0792	0
8	3	HDR UNBIAS	0.0795	0.0794	-0.0001
9	3	HDR UNBIAS	0.0797	0.0795	-0.0002
10	3	HDR UNBIAS	0.0793	0.0791	-0.0002
11	10	HDR BIAS	0.0796	0.0784	-0.0012
12	10	HDR BIAS	0.0793	0.0782	-0.0011
13	10	HDR BIAS	0.0788	0.0775	-0.0013
14	10	HDR BIAS	0.0801	0.0792	-0.0009
15	10	HDR BIAS	0.079	0.0777	-0.0013
16	10	HDR UNBIAS	0.0796	0.0793	-0.0003
17	10	HDR UNBIAS	0.0797	0.0794	-0.0003
18	10	HDR UNBIAS	0.0803	0.0798	-0.0005
19	10	HDR UNBIAS	0.0799	0.0795	-0.0004
20	10	HDR UNBIAS	0.0796	0.0794	-0.0002
31	30	HDR BIAS	0.08	0.0781	-0.0019
32	30	HDR BIAS	0.0798	0.0781	-0.0017
33	30	HDR BIAS	0.0795	0.0775	-0.002
34	30	HDR BIAS	0.0801	0.0781	-0.002
35	30	HDR BIAS	0.0796	0.0779	-0.0017
36	30	HDR UNBIAS	0.0795	0.0789	-0.0006
37	30	HDR UNBIAS	0.0803	0.0798	-0.0005
38	30	HDR UNBIAS	0.0804	0.08	-0.0004
39	30	HDR UNBIAS	0.0797	0.0791	-0.0006
40	30	HDR UNBIAS	0.0796	0.079	-0.0006
41	50	HDR BIAS	0.0797	0.0774	-0.0023
42	50	HDR BIAS	0.0807	0.0784	-0.0023
43	50	HDR BIAS	0.0782	0.0761	-0.0021
44	50	HDR BIAS	0.0798	0.0776	-0.0022
45	50	HDR BIAS	0.0796	0.0773	-0.0023
46	50	HDR UNBIAS	0.0797	0.0789	-0.0008
47	50	HDR UNBIAS	0.0792	0.0785	-0.0007
48	50	HDR UNBIAS	0.0806	0.0796	-0.001
49	50	HDR UNBIAS	0.0797	0.0794	-0.0003
50	50	HDR UNBIAS	0.0796	0.0794	-0.0002
51	100	HDR BIAS	0.08	0.0775	-0.0025
52	100	HDR BIAS	0.0796	0.0772	-0.0024
53	100	HDR BIAS	0.0803	0.0782	-0.0021
54	100	HDR BIAS	0.08	0.0772	-0.0028
55	100	HDR BIAS	0.0797	0.0774	-0.0023
56	100	HDR UNBIAS	0.08	0.0792	-0.0008
57	100	HDR UNBIAS	0.0802	0.0793	-0.0009
58	100	HDR UNBIAS	0.0794	0.0784	-0.001
59	100	HDR UNBIAS	0.0798	0.0789	-0.0009
60	100	HDR UNBIAS	0.0802	0.0792	-0.001
71	0	CORRELATION	0.0799	0.0793	-0.0006
72	0	CORRELATION	0.0797	0.0794	-0.0003
73	0	CORRELATION	0.0794	0.0791	-0.0003

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	0.0794	0.079667	0.0799	0.00025166	0.0791	0.079267	0.0794	0.00015275	-0.0006	-0.0004	-0.0003	0.00017321
3	0.0788	0.0795	0.0799	0.00036209	0.0786	0.07924	0.0795	0.00029515	-0.0005	-0.00026	0	0.00015055
10	0.0788	0.07959	0.0803	0.00046296	0.0775	0.07884	0.0798	0.00081813	-0.0013	-0.00075	-0.0002	0.00045277
30	0.0795	0.07985	0.0804	0.00033082	0.0775	0.07865	0.08	0.00083832	-0.002	-0.0012	-0.0004	0.00070553
50	0.0782	0.07968	0.0807	0.0006941	0.0761	0.07826	0.0796	0.0011374	-0.0023	-0.00142	-0.0002	0.00089542
100	0.0794	0.07992	0.0803	0.00028983	0.0772	0.07825	0.0793	0.0008721	-0.0028	-0.00167	-0.0008	0.0008111

Device Test: 24.8 LEVEL|HIGH_LEVEL/OUTH/14/14/0/0/5/500kHz//@OUT_VOH





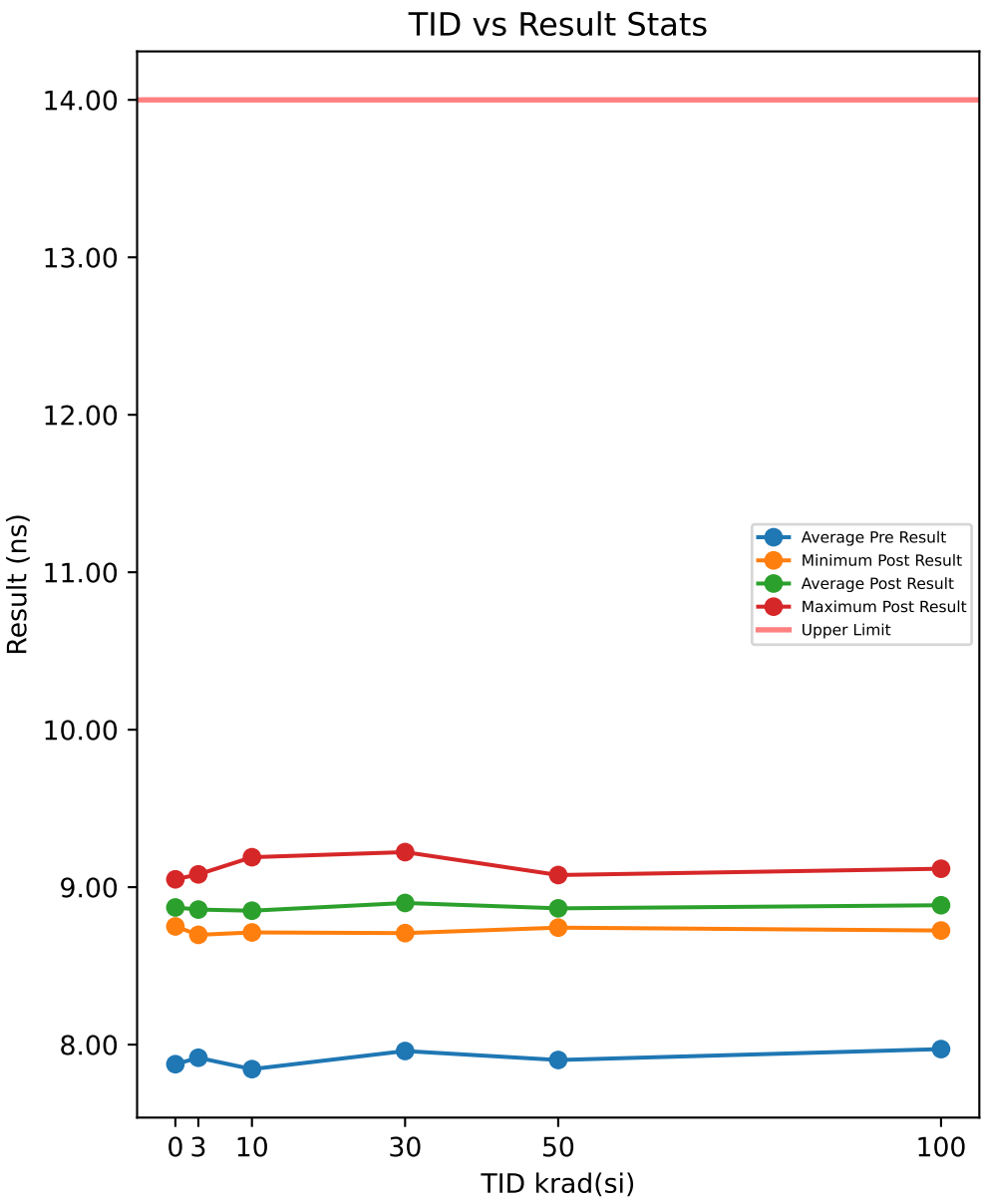
Test Results (Upper Limit = 0.25 (V))

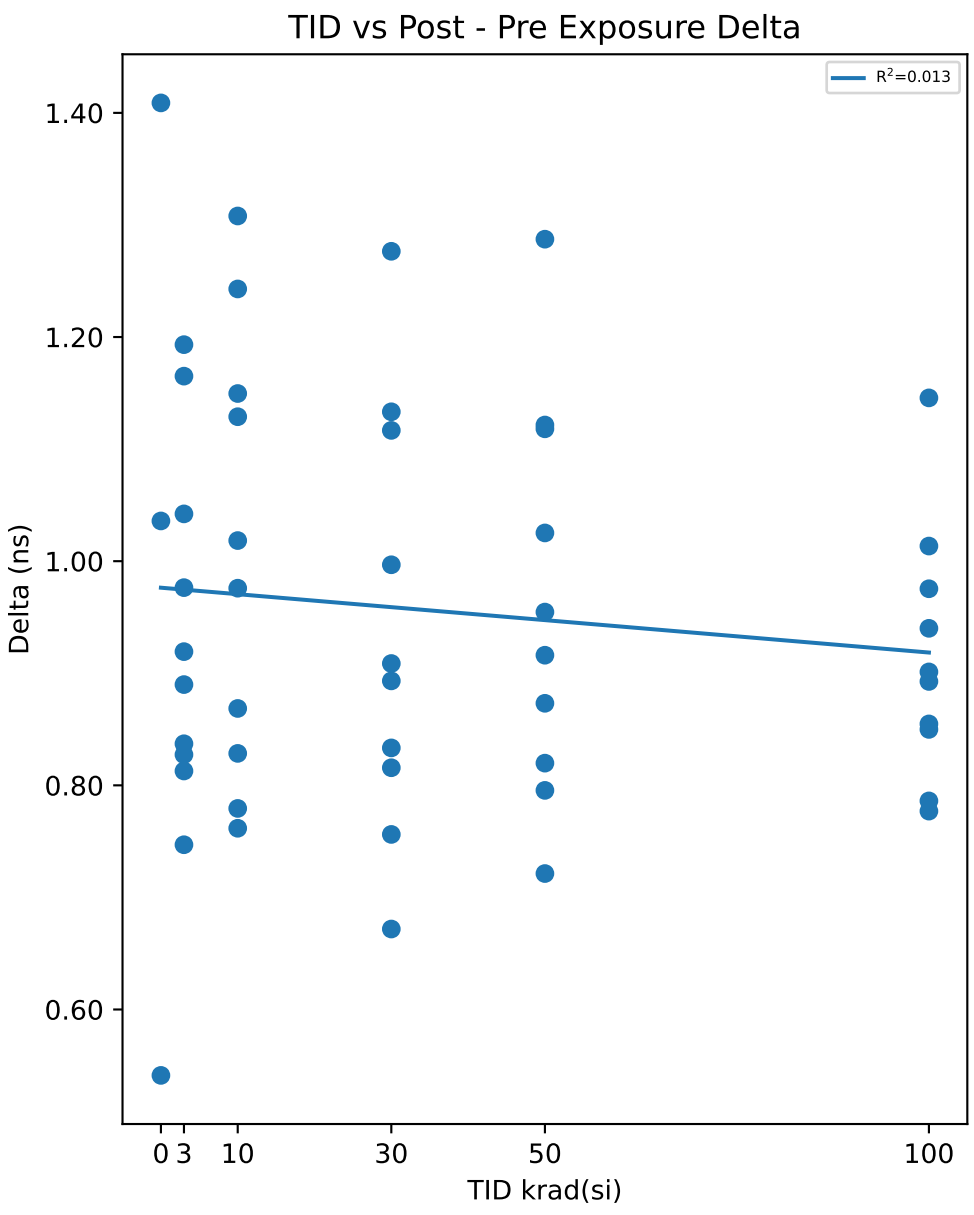
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.1167	0.1168	0.0001
2	3	HDR BIAS	0.1172	0.1169	-0.0003
3	3	HDR BIAS	0.1163	0.1164	0.0001
4	3	HDR BIAS	0.1181	0.1182	0.0001
5	3	HDR BIAS	0.1179	0.1177	-0.0002
6	3	HDR UNBIAS	0.1168	0.1171	0.0003
7	3	HDR UNBIAS	0.1181	0.1182	0.0001
8	3	HDR UNBIAS	0.1177	0.1176	-0.0001
9	3	HDR UNBIAS	0.1182	0.1184	0.0002
10	3	HDR UNBIAS	0.1178	0.1179	0.0001
11	10	HDR BIAS	0.1181	0.1184	0.0003
12	10	HDR BIAS	0.1172	0.1177	0.0005
13	10	HDR BIAS	0.1172	0.1176	0.0004
14	10	HDR BIAS	0.1182	0.1186	0.0004
15	10	HDR BIAS	0.1177	0.1182	0.0005
16	10	HDR UNBIAS	0.1168	0.1173	0.0005
17	10	HDR UNBIAS	0.1181	0.1184	0.0003
18	10	HDR UNBIAS	0.1167	0.1171	0.0004
19	10	HDR UNBIAS	0.1175	0.1178	0.0003
20	10	HDR UNBIAS	0.1175	0.1178	0.0003
31	30	HDR BIAS	0.1196	0.1207	0.0011
32	30	HDR BIAS	0.1184	0.1195	0.0011
33	30	HDR BIAS	0.1164	0.1177	0.0013
34	30	HDR BIAS	0.1167	0.118	0.0013
35	30	HDR BIAS	0.1175	0.1186	0.0011
36	30	HDR UNBIAS	0.1174	0.1185	0.0011
37	30	HDR UNBIAS	0.1174	0.1184	0.001
38	30	HDR UNBIAS	0.1184	0.1192	0.0008
39	30	HDR UNBIAS	0.1179	0.119	0.0011
40	30	HDR UNBIAS	0.1185	0.1195	0.001
41	50	HDR BIAS	0.1179	0.1193	0.0014
42	50	HDR BIAS	0.118	0.1199	0.0019
43	50	HDR BIAS	0.1167	0.1183	0.0016
44	50	HDR BIAS	0.1179	0.1198	0.0019
45	50	HDR BIAS	0.1176	0.1191	0.0015
46	50	HDR UNBIAS	0.1186	0.1199	0.0013
47	50	HDR UNBIAS	0.1173	0.1183	0.001
48	50	HDR UNBIAS	0.117	0.1184	0.0014
49	50	HDR UNBIAS	0.1167	0.1186	0.0019
50	50	HDR UNBIAS	0.1169	0.1187	0.0018
51	100	HDR BIAS	0.1162	0.1196	0.0034
52	100	HDR BIAS	0.1166	0.1192	0.0026
53	100	HDR BIAS	0.1176	0.1198	0.0022
54	100	HDR BIAS	0.1173	0.1203	0.003
55	100	HDR BIAS	0.1181	0.1209	0.0028
56	100	HDR UNBIAS	0.1174	0.1193	0.0019
57	100	HDR UNBIAS	0.1175	0.1195	0.002
58	100	HDR UNBIAS	0.1166	0.1186	0.002
59	100	HDR UNBIAS	0.1166	0.119	0.0024
60	100	HDR UNBIAS	0.117	0.1192	0.0022
71	0	CORRELATION	0.1172	0.1164	-0.0008
72	0	CORRELATION	0.1166	0.1161	-0.0005
73	0	CORRELATION	0.1178	0.1173	-0.0005

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	0.1166	0.1172	0.1178	0.0006	0.1161	0.1166	0.1173	0.0006245	-0.0008	-0.0006	-0.0005	0.00017321
3	0.1163	0.11748	0.1182	0.00067954	0.1164	0.11752	0.1184	0.00068443	-0.0003	4e-05	0.0003	0.00018379
10	0.1167	0.1175	0.1182	0.00053333	0.1171	0.11789	0.1186	0.00049766	0.0003	0.00039	0.0005	8.756e-05
30	0.1164	0.11782	0.1196	0.00094493	0.1177	0.11891	0.1207	0.0008698	0.0008	0.00109	0.0013	0.00014491
50	0.1167	0.11746	0.1186	0.00064153	0.1183	0.11903	0.1199	0.00066173	0.001	0.00157	0.0019	0.00030569
100	0.1162	0.11709	0.1181	0.00058775	0.1186	0.11954	0.1209	0.00066366	0.0019	0.00245	0.0034	0.00049272

Device Test: 24.9 TIMING|OUT_RISE/OUTH/4.5/4.5/0/1000/4.5/500kHz//@OUT_RISE_4P5





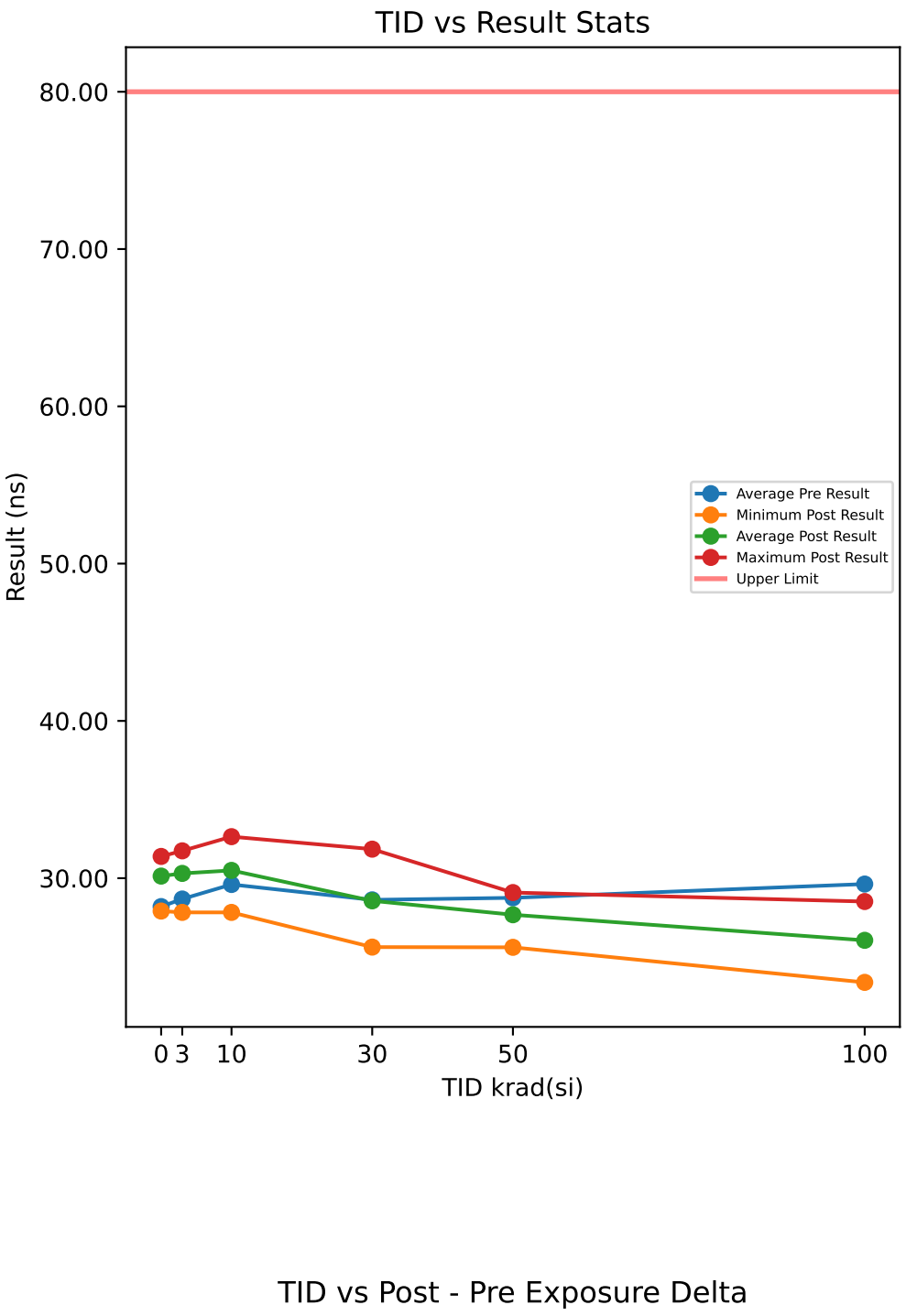
Test Results (Upper Limit = 14.0 (ns))

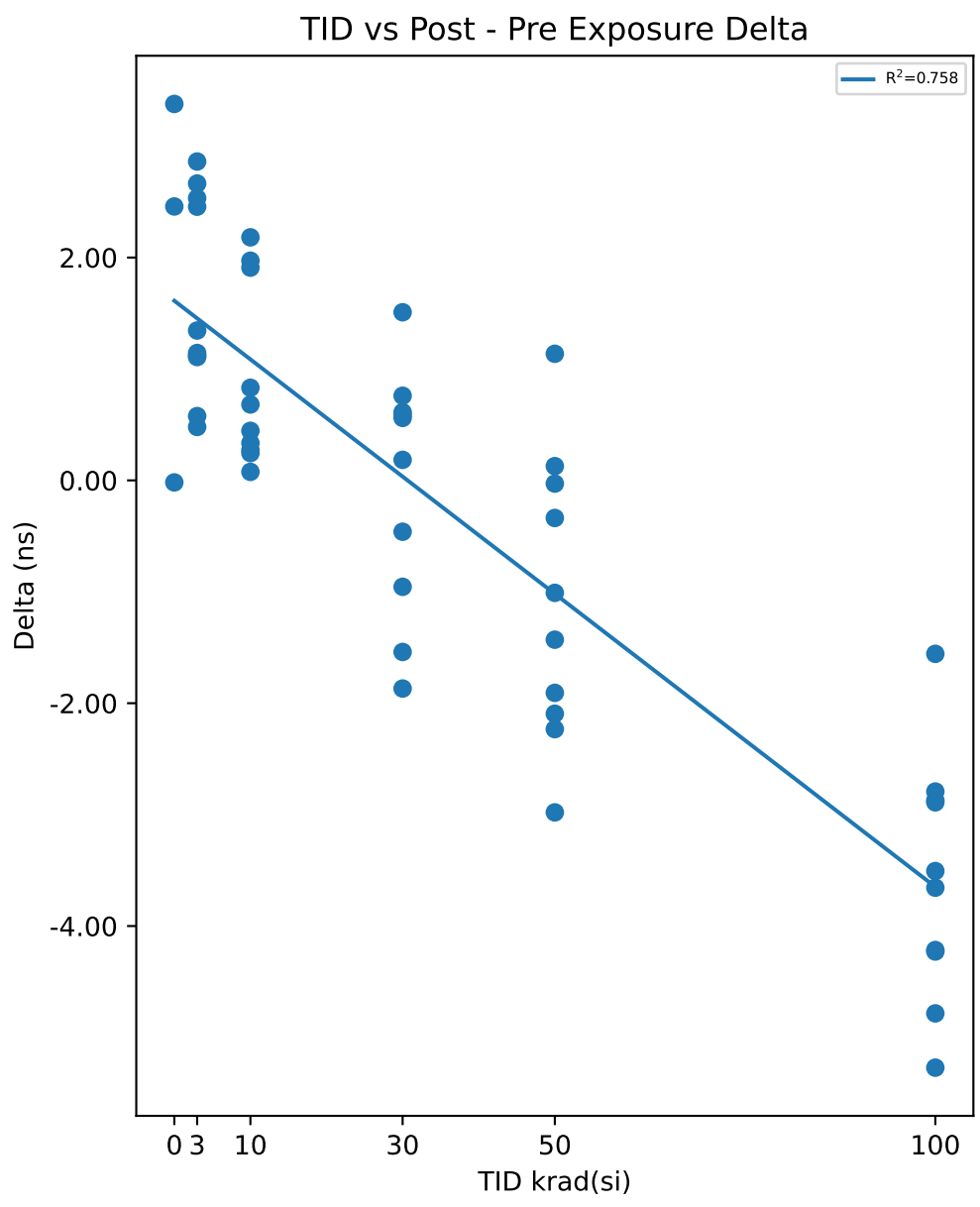
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	8.164	9.0011	0.8371
2	3	HDR BIAS	7.529	8.7222	1.1932
3	3	HDR BIAS	7.8206	8.7105	0.8899
4	3	HDR BIAS	8.2137	9.0411	0.8274
5	3	HDR BIAS	7.7778	8.6971	0.9193
6	3	HDR UNBIAS	7.8966	8.7094	0.8128
7	3	HDR UNBIAS	8.1048	9.0812	0.9764
8	3	HDR UNBIAS	7.6686	8.8337	1.1651
9	3	HDR UNBIAS	7.7105	8.7527	1.0422
10	3	HDR UNBIAS	8.2808	9.0278	0.747
11	10	HDR BIAS	7.4652	8.7732	1.308
12	10	HDR BIAS	7.9349	8.7634	0.8285
13	10	HDR BIAS	8.1309	8.9103	0.7794
14	10	HDR BIAS	7.6013	8.7302	1.1289
15	10	HDR BIAS	7.9508	8.7125	0.7617
16	10	HDR UNBIAS	8.0406	9.1902	1.1496
17	10	HDR UNBIAS	7.8403	8.8162	0.9759
18	10	HDR UNBIAS	7.8071	8.8255	1.0184
19	10	HDR UNBIAS	8.1388	9.0074	0.8686
20	10	HDR UNBIAS	7.5326	8.7755	1.2429
31	30	HDR BIAS	8.3241	9.0803	0.7562
32	30	HDR BIAS	7.5528	8.8293	1.2765
33	30	HDR BIAS	7.9146	8.748	0.8334
34	30	HDR BIAS	8.1731	9.0663	0.8932
35	30	HDR BIAS	7.6187	8.752	1.1333
36	30	HDR UNBIAS	8.0364	8.7082	0.6718
37	30	HDR UNBIAS	8.1059	9.2226	1.1167
38	30	HDR UNBIAS	7.8548	8.7635	0.9087
39	30	HDR UNBIAS	7.8277	8.8245	0.9968
40	30	HDR UNBIAS	8.1852	9.0009	0.8157
41	50	HDR BIAS	7.6921	8.8102	1.1181
42	50	HDR BIAS	7.7495	8.7747	1.0252
43	50	HDR BIAS	8.1264	8.9996	0.8732
44	50	HDR BIAS	7.7883	8.7429	0.9546
45	50	HDR BIAS	7.9577	8.7775	0.8198
46	50	HDR UNBIAS	8.2954	9.0167	0.7213
47	50	HDR UNBIAS	7.6647	8.7862	1.1215
48	50	HDR UNBIAS	8.0521	8.8476	0.7955
49	50	HDR UNBIAS	8.1609	9.077	0.9161
50	50	HDR UNBIAS	7.5352	8.8225	1.2873
51	100	HDR BIAS	7.9544	8.8043	0.8499
52	100	HDR BIAS	8.2276	9.0046	0.777
53	100	HDR BIAS	7.7492	8.7246	0.9754
54	100	HDR BIAS	7.924	8.8641	0.9401
55	100	HDR BIAS	8.3309	9.117	0.7861
56	100	HDR UNBIAS	7.697	8.8427	1.1457
57	100	HDR UNBIAS	7.9838	8.8765	0.8927
58	100	HDR UNBIAS	8.1988	9.1	0.9012
59	100	HDR UNBIAS	7.7191	8.7326	1.0135
60	100	HDR UNBIAS	7.9309	8.7857	0.8548
71	0	CORRELATION	7.6409	9.0498	1.4089
72	0	CORRELATION	7.7148	8.7507	1.0359
73	0	CORRELATION	8.2715	8.8127	0.5412

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.6409	7.8757	8.2715	0.34473	8.7507	8.8711	9.0498	0.15786	0.5412	0.99533	1.4089	0.43527
3	7.529	7.9166	8.2808	0.25833	8.6971	8.8577	9.0812	0.16073	0.747	0.94104	1.1932	0.15135
10	7.4652	7.8442	8.1388	0.24228	8.7125	8.8504	9.1902	0.14836	0.7617	1.0062	1.308	0.19594
30	7.5528	7.9593	8.3241	0.25138	8.7082	8.8996	9.2226	0.17812	0.6718	0.94023	1.2765	0.18878
50	7.5352	7.9022	8.2954	0.25141	8.7429	8.8655	9.077	0.11931	0.7213	0.96326	1.2873	0.17497
100	7.697	7.9716	8.3309	0.22092	8.7246	8.8852	9.117	0.1422	0.777	0.91364	1.1457	0.11125

Device Test: 25.1 TIMING|LEB/EN/5/5/0/0/5/500kHz//@T_LEB





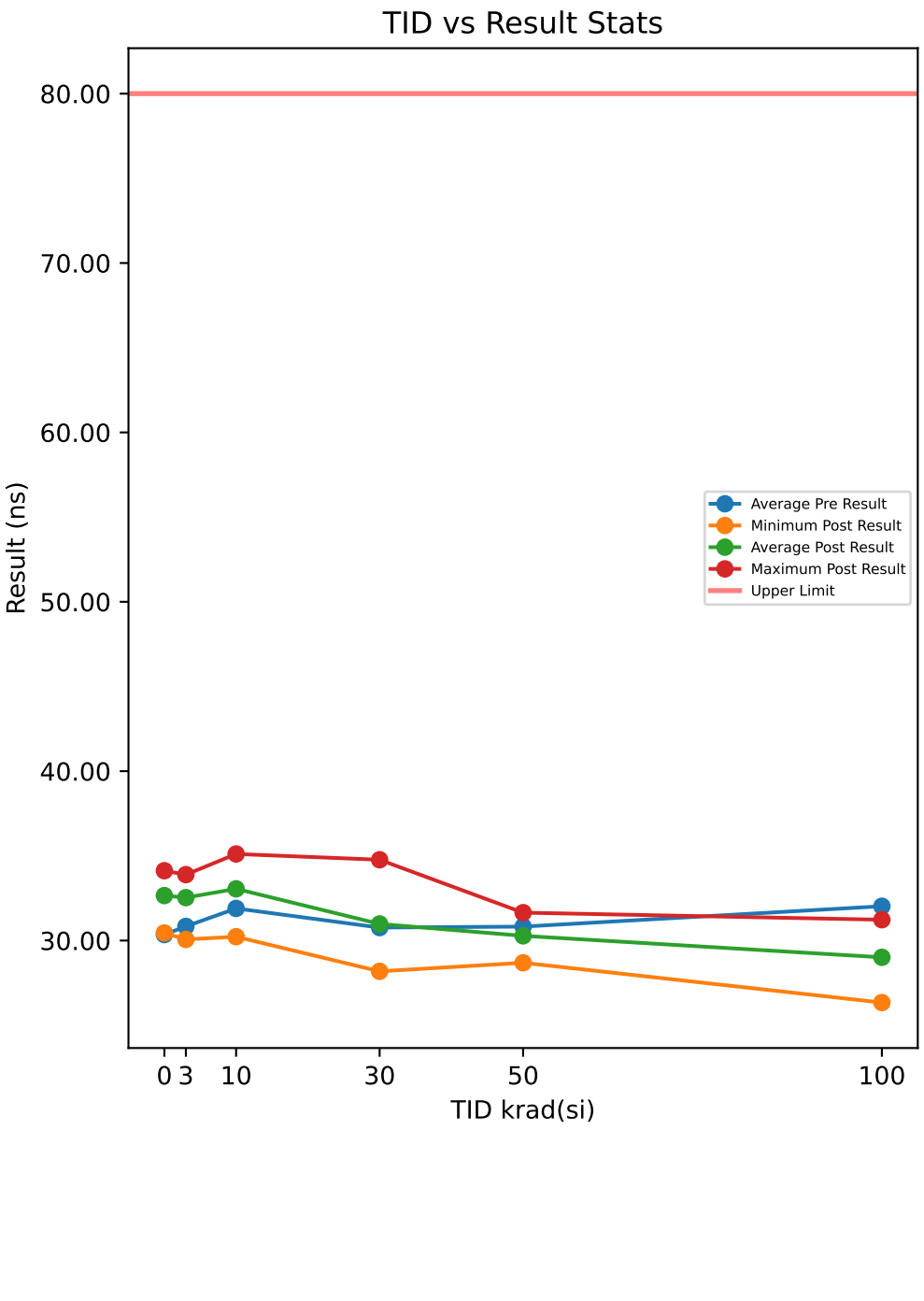
Test Results (Upper Limit = 80.0 (ns))

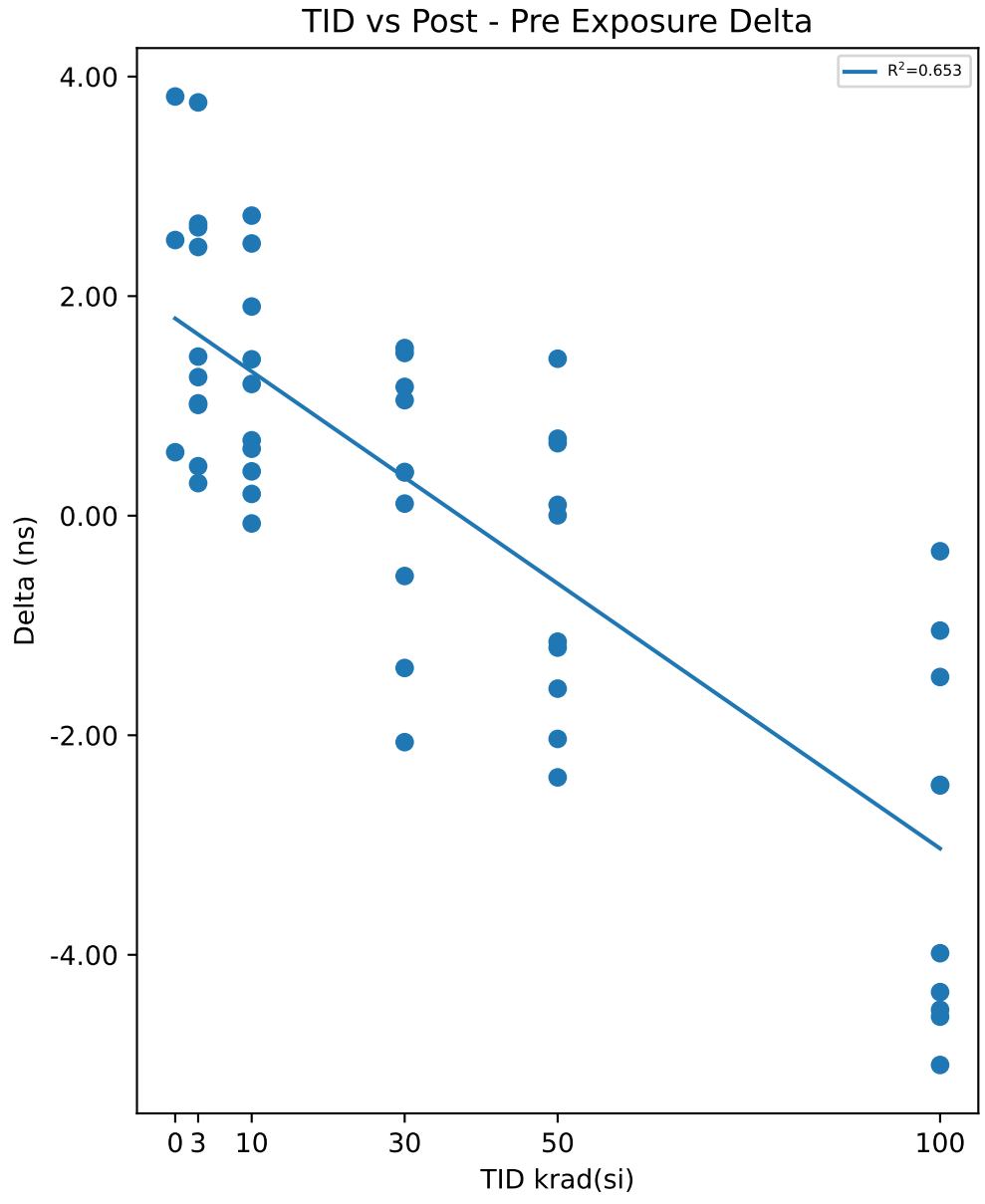
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	26.428	29.29	2.8618
2	3	HDR BIAS	29.084	30.429	1.3451
3	3	HDR BIAS	31.162	31.739	0.577
4	3	HDR BIAS	29.081	31.537	2.4563
5	3	HDR BIAS	26.718	27.826	1.107
6	3	HDR UNBIAS	29.725	30.205	0.4795
7	3	HDR UNBIAS	28.334	30.999	2.6644
8	3	HDR UNBIAS	28.977	30.12	1.1433
9	3	HDR UNBIAS	28.505	29.625	1.1201
10	3	HDR UNBIAS	28.739	31.273	2.533
11	10	HDR BIAS	31.156	31.491	0.3352
12	10	HDR BIAS	29.752	30.025	0.2728
13	10	HDR BIAS	29.903	32.084	2.1814
14	10	HDR BIAS	28.985	29.816	0.8311
15	10	HDR BIAS	31.002	31.078	0.0763
16	10	HDR UNBIAS	27.749	29.721	1.9716
17	10	HDR UNBIAS	27.255	27.937	0.6813
18	10	HDR UNBIAS	32.092	32.337	0.2449
19	10	HDR UNBIAS	30.731	32.641	1.9095
20	10	HDR UNBIAS	27.38	27.825	0.4447
31	30	HDR BIAS	27.306	27.918	0.6119
32	30	HDR BIAS	26.08	25.619	-0.4609
33	30	HDR BIAS	33.387	31.847	-1.5401
34	30	HDR BIAS	28.567	29.326	0.7594
35	30	HDR BIAS	26.389	26.95	0.5609
36	30	HDR UNBIAS	30.466	29.511	-0.9553
37	30	HDR UNBIAS	27.745	28.335	0.5895
38	30	HDR UNBIAS	28.144	28.328	0.1842
39	30	HDR UNBIAS	32.912	31.044	-1.8683
40	30	HDR UNBIAS	25.226	26.735	1.509
41	50	HDR BIAS	30.561	28.328	-2.2327
42	50	HDR BIAS	28.151	26.721	-1.4299
43	50	HDR BIAS	28.866	28.837	-0.0289
44	50	HDR BIAS	26.614	25.605	-1.0095
45	50	HDR BIAS	30.791	27.811	-2.9799
46	50	HDR UNBIAS	25.872	27.008	1.1363
47	50	HDR UNBIAS	31.049	28.955	-2.0944
48	50	HDR UNBIAS	28.469	26.562	-1.9071
49	50	HDR UNBIAS	28.189	27.852	-0.3376
50	50	HDR UNBIAS	28.959	29.087	0.1278
51	100	HDR BIAS	31.326	27.67	-3.6557
52	100	HDR BIAS	27.457	25.9	-1.5569
53	100	HDR BIAS	26.248	23.377	-2.871
54	100	HDR BIAS	32.732	28.517	-4.2151
55	100	HDR BIAS	26.936	24.046	-2.8898
56	100	HDR UNBIAS	26.625	23.832	-2.7927
57	100	HDR UNBIAS	32.486	27.702	-4.7839
58	100	HDR UNBIAS	31.288	27.781	-3.5063
59	100	HDR UNBIAS	30.577	26.348	-4.2287
60	100	HDR UNBIAS	30.598	25.327	-5.2711
71	0	CORRELATION	28.649	31.108	2.4584
72	0	CORRELATION	27.929	27.91	-0.0184
73	0	CORRELATION	28.005	31.384	3.3785

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	27.929	28.194	28.649	0.39572	27.91	30.134	31.384	1.9305	-0.0184	1.9395	3.3785	1.7569
3	26.428	28.675	31.162	1.3636	27.826	30.304	31.739	1.1875	0.4795	1.6288	2.8618	0.90489
10	27.255	29.6	32.092	1.7068	27.825	30.495	32.641	1.726	0.0763	0.89488	2.1814	0.80891
30	25.226	28.622	33.387	2.7934	25.619	28.561	31.847	1.9309	-1.8683	-0.06097	1.509	1.0992
50	25.872	28.752	31.049	1.7122	25.605	27.676	29.087	1.1708	-2.9799	-1.0756	1.1363	1.2826
100	26.248	29.627	32.732	2.5316	23.377	26.05	28.517	1.8604	-5.2711	-3.5771	-1.5569	1.0973

Device Test: 25.4 TIMING|LEB/EN/12/12/0/0/5/500kHz//@T_LEB





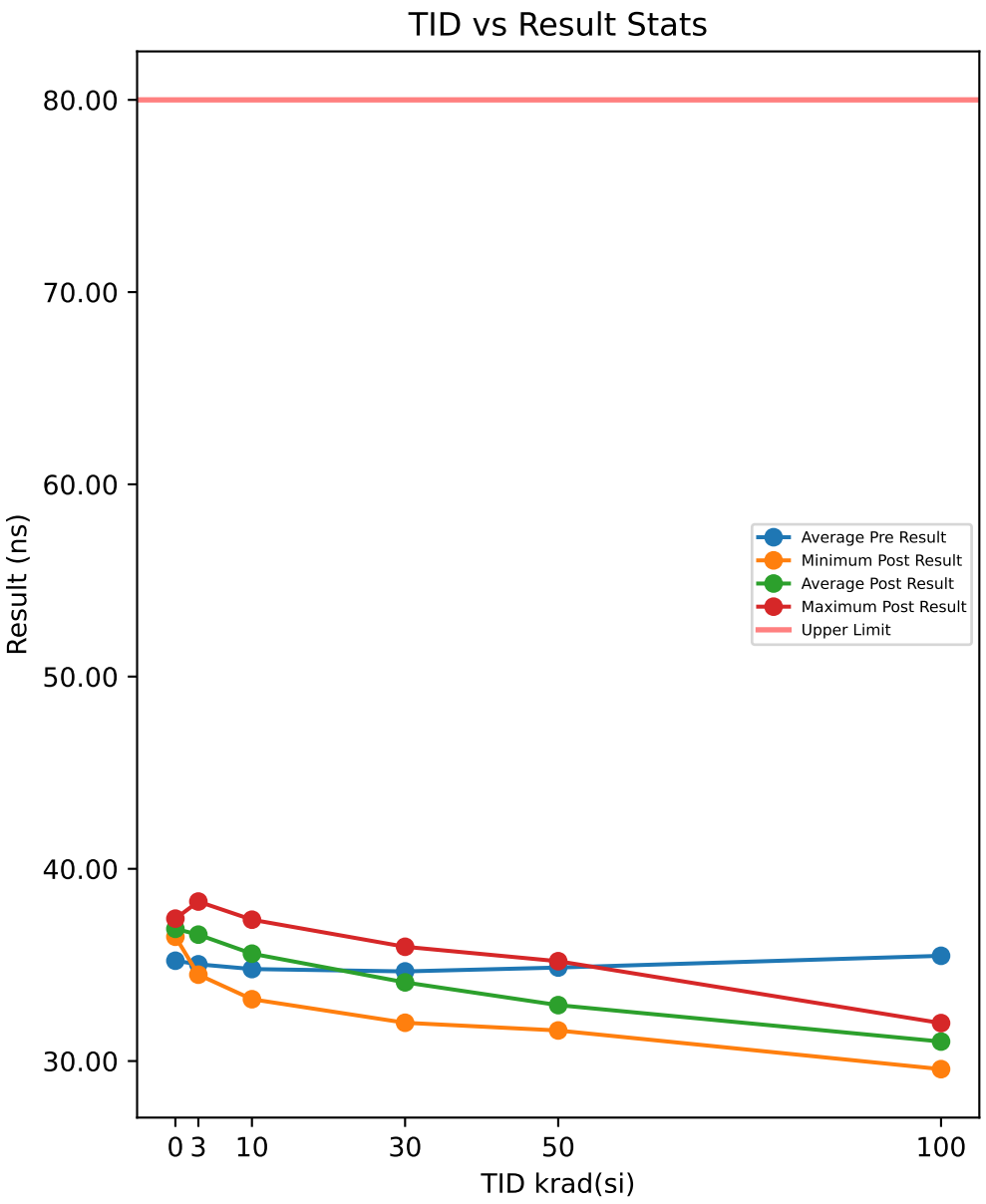
Test Results (Upper Limit = 80.0 (ns))

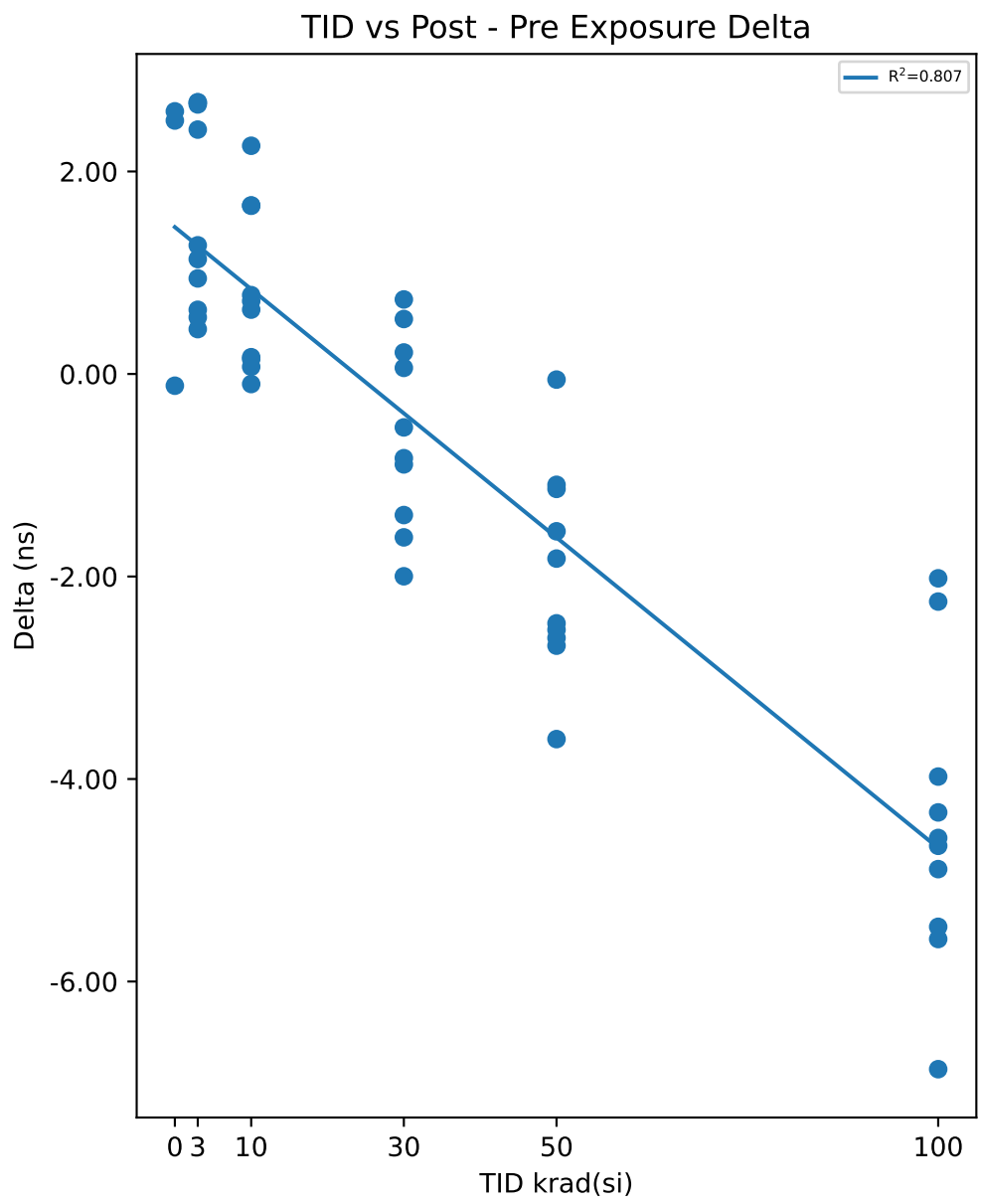
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	28.43	32.194	3.7645
2	3	HDR BIAS	31.632	32.656	1.0234
3	3	HDR BIAS	33.44	33.891	0.4509
4	3	HDR BIAS	31.142	33.769	2.6266
5	3	HDR BIAS	28.804	30.066	1.2622
6	3	HDR UNBIAS	31.891	32.188	0.2965
7	3	HDR UNBIAS	30.773	33.221	2.4476
8	3	HDR UNBIAS	30.95	32.399	1.4493
9	3	HDR UNBIAS	30.464	31.473	1.0088
10	3	HDR UNBIAS	30.832	33.492	2.66
11	10	HDR BIAS	32.913	34.113	1.1997
12	10	HDR BIAS	32.177	32.375	0.1982
13	10	HDR BIAS	32.408	34.888	2.4797
14	10	HDR BIAS	30.402	33.136	2.7334
15	10	HDR BIAS	32.727	33.337	0.61
16	10	HDR UNBIAS	30.154	32.059	1.9053
17	10	HDR UNBIAS	29.844	30.248	0.4037
18	10	HDR UNBIAS	35.182	35.111	-0.0709
19	10	HDR UNBIAS	33.618	35.042	1.4244
20	10	HDR UNBIAS	29.539	30.226	0.687
31	30	HDR BIAS	29.411	30.938	1.5269
32	30	HDR BIAS	28.073	28.183	0.11
33	30	HDR BIAS	36.158	34.77	-1.3873
34	30	HDR BIAS	30.727	31.9	1.1733
35	30	HDR BIAS	28.301	28.695	0.394
36	30	HDR UNBIAS	32.371	31.822	-0.5495
37	30	HDR UNBIAS	29.655	30.707	1.052
38	30	HDR UNBIAS	30.291	30.689	0.3983
39	30	HDR UNBIAS	35.516	33.453	-2.0628
40	30	HDR UNBIAS	27.166	28.648	1.482
41	50	HDR BIAS	32.541	31.339	-1.2017
42	50	HDR BIAS	30.336	29.188	-1.1475
43	50	HDR BIAS	30.837	31.497	0.6603
44	50	HDR BIAS	28.589	28.688	0.0986
45	50	HDR BIAS	33.104	30.72	-2.384
46	50	HDR UNBIAS	27.64	29.07	1.4298
47	50	HDR UNBIAS	33.392	31.358	-2.0334
48	50	HDR UNBIAS	30.35	28.774	-1.5753
49	50	HDR UNBIAS	30.501	30.504	0.0031
50	50	HDR UNBIAS	30.945	31.647	0.7016
51	100	HDR BIAS	33.498	31.041	-2.4573
52	100	HDR BIAS	29.436	29.113	-0.3239
53	100	HDR BIAS	28.204	26.735	-1.4696
54	100	HDR BIAS	35.569	31.229	-4.3396
55	100	HDR BIAS	29.004	27.958	-1.0466
56	100	HDR UNBIAS	28.791	26.339	-2.4518
57	100	HDR UNBIAS	35.455	30.451	-5.0035
58	100	HDR UNBIAS	34.19	30.204	-3.9855
59	100	HDR UNBIAS	33.53	29.03	-4.5003
60	100	HDR UNBIAS	32.575	28.011	-4.5636
71	0	CORRELATION	30.883	33.394	2.5109
72	0	CORRELATION	29.873	30.451	0.5781
73	0	CORRELATION	30.304	34.123	3.8184

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	29.873	30.353	30.883	0.50714	30.451	32.656	34.123	1.9442	0.5781	2.3025	3.8184	1.6302
3	28.43	30.836	33.44	1.4413	30.066	32.535	33.891	1.1663	0.2965	1.699	3.7645	1.1216
10	29.539	31.896	35.182	1.8517	30.226	33.053	35.111	1.828	-0.0709	1.157	2.7334	0.96508
30	27.166	30.767	36.158	3.0514	28.183	30.981	34.77	2.1262	-2.0628	0.21369	1.5269	1.2185
50	27.64	30.823	33.392	1.8394	28.688	30.279	31.647	1.2172	-2.384	-0.54485	1.4298	1.2942
100	28.204	32.025	35.569	2.8797	26.339	29.011	31.229	1.7315	-5.0035	-3.0142	-0.3239	1.6795

Device Test: 25.7 TIMING|LEB/EN/14/14/0/0/5/500kHz//@T_LEB





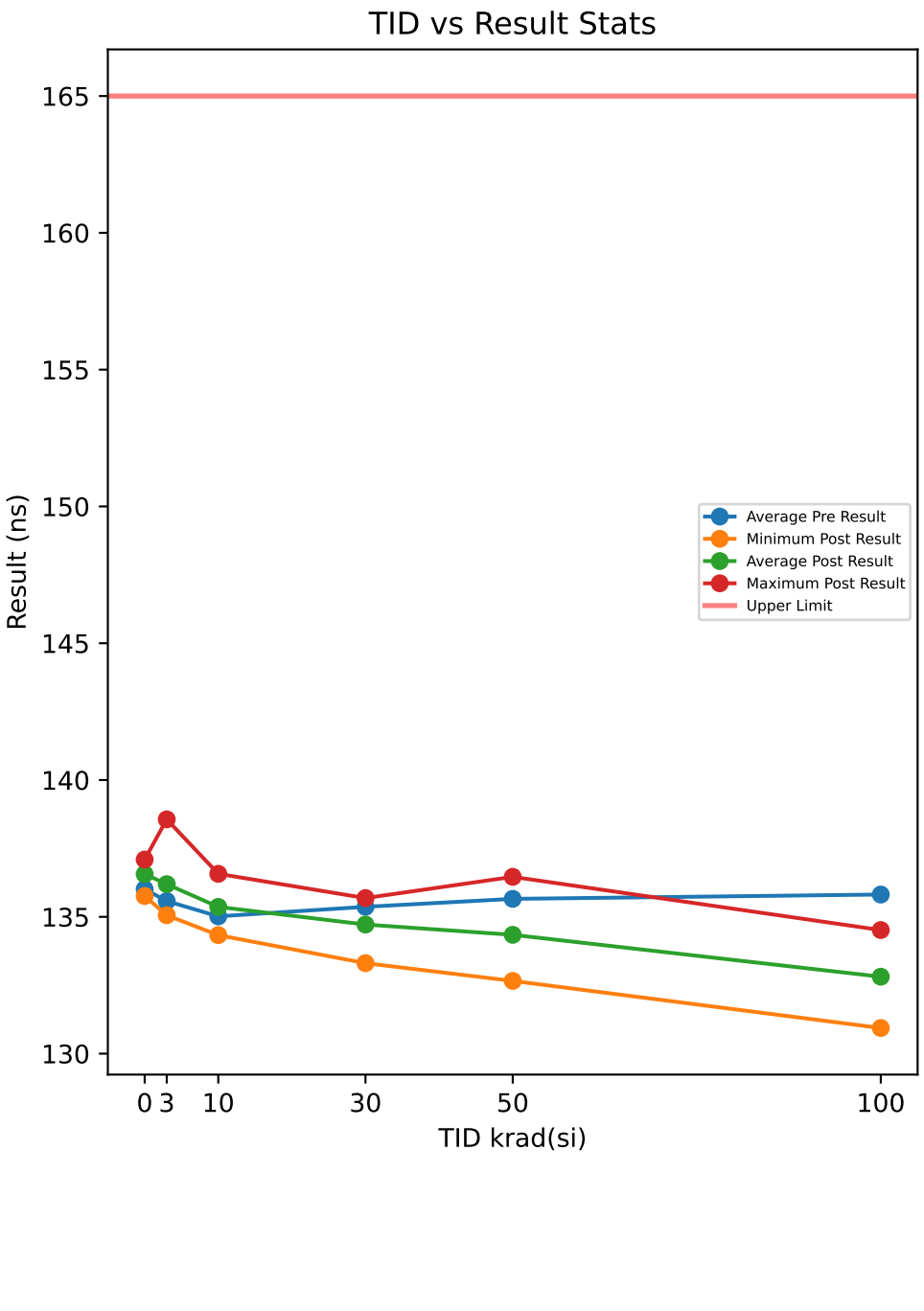
Test Results (Upper Limit = 80.0 (ns))

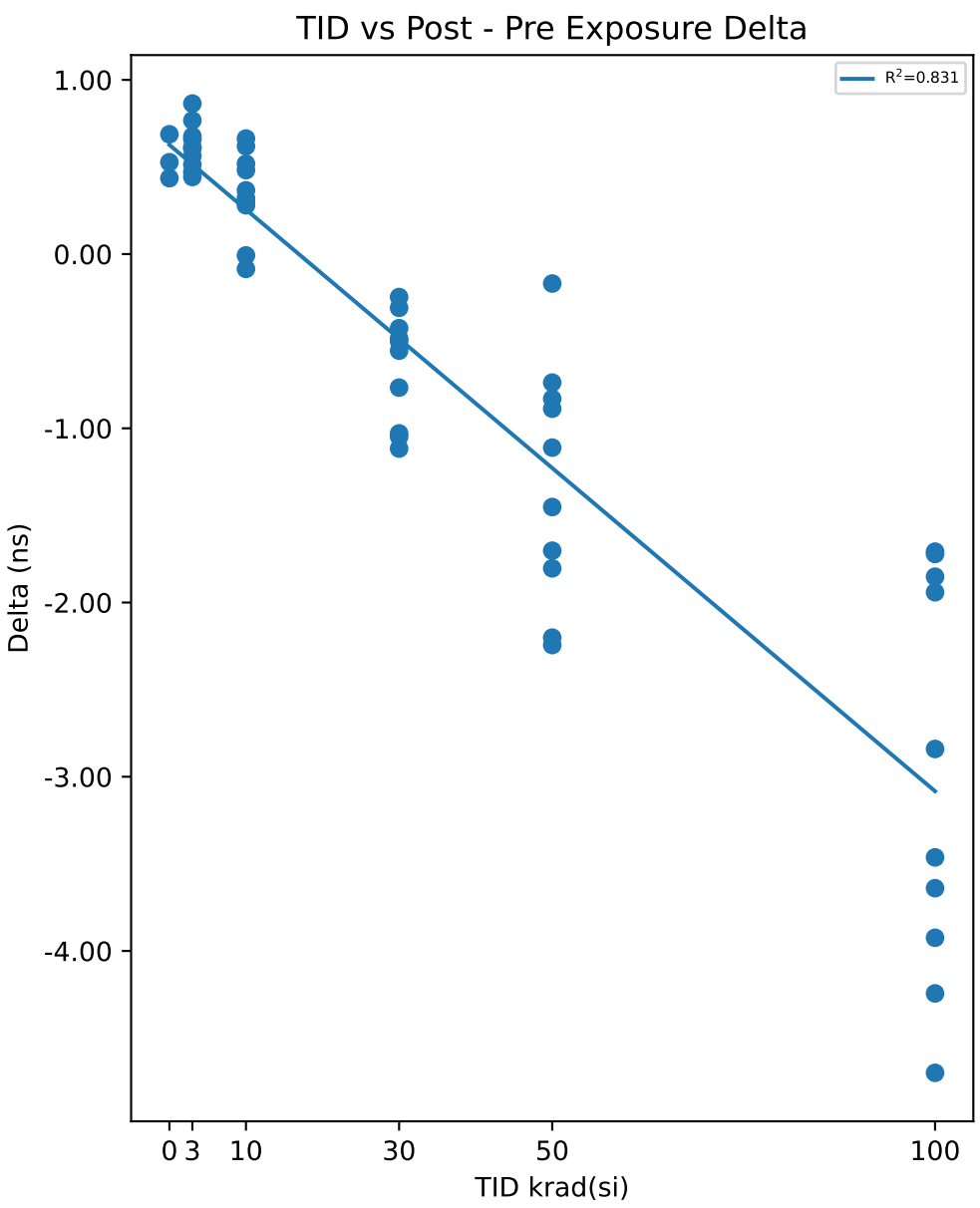
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	33.456	36.118	2.6619
2	3	HDR BIAS	35.051	36.186	1.1348
3	3	HDR BIAS	37.739	38.298	0.5591
4	3	HDR BIAS	34.083	36.766	2.683
5	3	HDR BIAS	33.222	34.492	1.2707
6	3	HDR UNBIAS	36.27	36.904	0.6339
7	3	HDR UNBIAS	34.245	36.927	2.6825
8	3	HDR UNBIAS	34.749	35.693	0.9437
9	3	HDR UNBIAS	37.355	37.798	0.4431
10	3	HDR UNBIAS	34.162	36.576	2.4135
11	10	HDR BIAS	34.161	34.939	0.7787
12	10	HDR BIAS	37.453	37.353	-0.0993
13	10	HDR BIAS	33.621	35.874	2.2538
14	10	HDR BIAS	35.103	35.824	0.7207
15	10	HDR BIAS	36.186	36.333	0.1476
16	10	HDR UNBIAS	34.334	35.999	1.6649
17	10	HDR UNBIAS	32.58	33.216	0.6356
18	10	HDR UNBIAS	36.109	36.18	0.0709
19	10	HDR UNBIAS	34.229	35.89	1.6614
20	10	HDR UNBIAS	34.079	34.245	0.1658
31	30	HDR BIAS	32.879	33.615	0.7361
32	30	HDR BIAS	32.519	31.992	-0.5277
33	30	HDR BIAS	37.272	35.879	-1.3932
34	30	HDR BIAS	34.961	35.504	0.5428
35	30	HDR BIAS	33.711	32.818	-0.893
36	30	HDR UNBIAS	37.558	35.944	-1.6136
37	30	HDR UNBIAS	33.614	33.674	0.0603
38	30	HDR UNBIAS	35.096	34.264	-0.8317
39	30	HDR UNBIAS	36.443	34.445	-1.9978
40	30	HDR UNBIAS	32.577	32.79	0.2125
41	50	HDR BIAS	33.684	32.13	-1.5536
42	50	HDR BIAS	36.033	33.426	-2.6066
43	50	HDR BIAS	35.249	35.194	-0.0554
44	50	HDR BIAS	33.413	31.59	-1.8232
45	50	HDR BIAS	36.559	33.876	-2.6833
46	50	HDR UNBIAS	34.453	33.318	-1.135
47	50	HDR UNBIAS	34.73	32.267	-2.4627
48	50	HDR UNBIAS	35.697	32.091	-3.6058
49	50	HDR UNBIAS	33.811	32.717	-1.0947
50	50	HDR UNBIAS	35.006	32.479	-2.5264
51	100	HDR BIAS	36.743	31.853	-4.89
52	100	HDR BIAS	33.489	31.471	-2.018
53	100	HDR BIAS	34.705	30.375	-4.3299
54	100	HDR BIAS	36.557	31.974	-4.5823
55	100	HDR BIAS	32.625	30.377	-2.2477
56	100	HDR UNBIAS	34.239	29.579	-4.6597
57	100	HDR UNBIAS	36.503	30.922	-5.5805
58	100	HDR UNBIAS	35.277	31.301	-3.976
59	100	HDR UNBIAS	36.967	31.507	-5.4598
60	100	HDR UNBIAS	37.641	30.775	-6.8657
71	0	CORRELATION	34.169	36.763	2.5938
72	0	CORRELATION	36.581	36.466	-0.1159
73	0	CORRELATION	34.905	37.408	2.5031

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	34.169	35.219	36.581	1.2365	36.466	36.879	37.408	0.48209	-0.1159	1.6603	2.5938	1.5389
3	33.222	35.033	37.739	1.5765	34.492	36.576	38.298	1.0649	0.4431	1.5426	2.683	0.95522
10	32.58	34.785	37.453	1.4357	33.216	35.585	37.353	1.1677	-0.0993	0.80001	2.2538	0.80316
30	32.519	34.663	37.558	1.9081	31.992	34.093	35.944	1.3705	-1.9978	-0.57053	0.7361	0.9389
50	33.413	34.863	36.559	1.0486	31.59	32.909	35.194	1.0666	-3.6058	-1.9547	-0.0554	1.0254
100	32.625	35.474	37.641	1.666	29.579	31.013	31.974	0.75268	-6.8657	-4.461	-2.018	1.4678

Device Test: 26.1 TIMING|MIN/OUT/4.5/4.5/0/0/4.5/500kHz//@TON_MIN





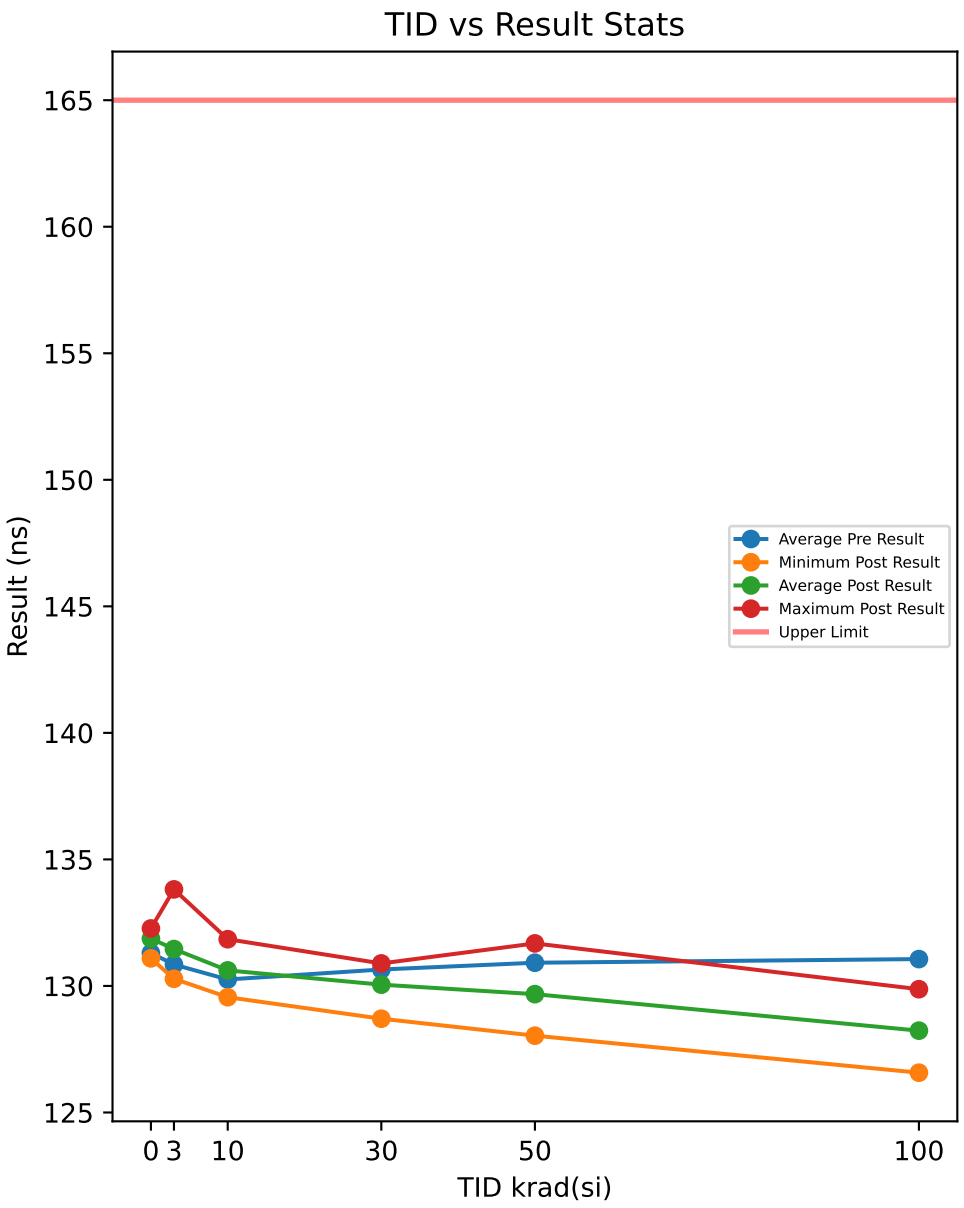
Test Results (Upper Limit = 165.0 (ns))

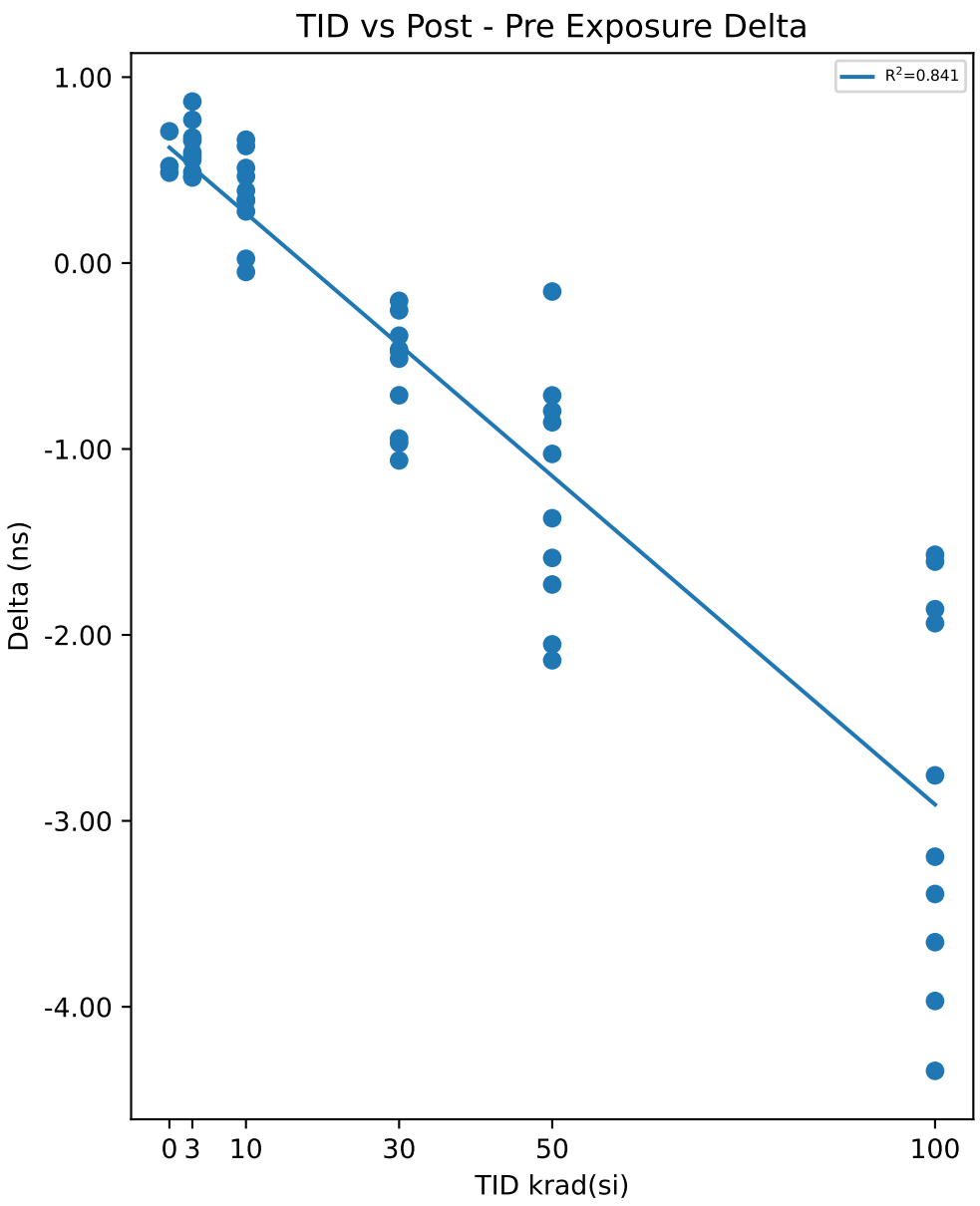
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	134.92	135.53	0.607
2	3	HDR BIAS	135.93	136.61	0.676
3	3	HDR BIAS	135.59	136.25	0.6586
4	3	HDR BIAS	136.56	137.03	0.472
5	3	HDR BIAS	134.22	135.08	0.864
6	3	HDR UNBIAS	134.5	135.06	0.563
7	3	HDR UNBIAS	134.94	135.38	0.4425
8	3	HDR UNBIAS	135.08	135.84	0.7673
9	3	HDR UNBIAS	137.95	138.56	0.613
10	3	HDR UNBIAS	136.09	136.6	0.514
11	10	HDR BIAS	134.34	134.96	0.619
12	10	HDR BIAS	136.25	136.53	0.28
13	10	HDR BIAS	134.03	134.33	0.2986
14	10	HDR BIAS	135.32	135.84	0.5185
15	10	HDR BIAS	134.35	135.01	0.6632
16	10	HDR UNBIAS	136.58	136.57	-0.0076
17	10	HDR UNBIAS	134.06	134.42	0.3661
18	10	HDR UNBIAS	135.51	135.99	0.4817
19	10	HDR UNBIAS	134.83	134.75	-0.0852
20	10	HDR UNBIAS	134.91	135.24	0.3212
31	30	HDR BIAS	135.9	135.6	-0.3086
32	30	HDR BIAS	134.37	134.13	-0.2466
33	30	HDR BIAS	134.7	134.27	-0.4253
34	30	HDR BIAS	135.45	134.95	-0.5004
35	30	HDR BIAS	136.17	135.69	-0.4839
36	30	HDR UNBIAS	135.4	134.37	-1.0294
37	30	HDR UNBIAS	136.27	135.16	-1.1163
38	30	HDR UNBIAS	136.22	135.45	-0.7666
39	30	HDR UNBIAS	134.83	134.28	-0.5544
40	30	HDR UNBIAS	134.36	133.31	-1.0485
41	50	HDR BIAS	134.38	134.21	-0.1691
42	50	HDR BIAS	137.29	136.46	-0.8305
43	50	HDR BIAS	135.7	134.59	-1.1109
44	50	HDR BIAS	134.65	133.76	-0.8876
45	50	HDR BIAS	136.42	135.68	-0.7377
46	50	HDR UNBIAS	137.22	135.02	-2.2016
47	50	HDR UNBIAS	135.4	133.95	-1.4519
48	50	HDR UNBIAS	136.07	133.83	-2.2442
49	50	HDR UNBIAS	134.36	132.66	-1.7026
50	50	HDR UNBIAS	135.08	133.28	-1.8038
51	100	HDR BIAS	135.56	133.71	-1.8518
52	100	HDR BIAS	134.92	133.21	-1.7079
53	100	HDR BIAS	137.36	134.52	-2.8406
54	100	HDR BIAS	136.08	134.13	-1.9411
55	100	HDR BIAS	134.78	133.06	-1.7214
56	100	HDR UNBIAS	136.93	133.29	-3.6397
57	100	HDR UNBIAS	134.56	131.1	-3.4629
58	100	HDR UNBIAS	135.18	130.94	-4.2437
59	100	HDR UNBIAS	136.82	132.9	-3.9244
60	100	HDR UNBIAS	135.97	131.27	-4.6996
71	0	CORRELATION	135.33	135.76	0.4358
72	0	CORRELATION	136.14	136.83	0.6876
73	0	CORRELATION	136.57	137.09	0.5273

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	135.33	136.01	136.57	0.63106	135.76	136.56	137.09	0.70608	0.4358	0.55023	0.6876	0.12746
3	134.22	135.58	137.95	1.11	135.06	136.2	138.56	1.0753	0.4425	0.61774	0.864	0.13078
10	134.03	135.02	136.58	0.88967	134.33	135.36	136.57	0.82078	-0.0852	0.34555	0.6632	0.24538
30	134.36	135.37	136.27	0.76233	133.31	134.72	135.69	0.77071	-1.1163	-0.648	-0.2466	0.32018
50	134.36	135.66	137.29	1.0844	132.66	134.34	136.46	1.1321	-2.2442	-1.314	-0.1691	0.6801
100	134.56	135.82	137.36	0.98003	130.94	132.81	134.52	1.28	-4.6996	-3.0033	-1.7079	1.1393

Device Test: 26.2 TIMING|MIN/OUT/5/5/0/0/5/500kHz//@TON_MIN





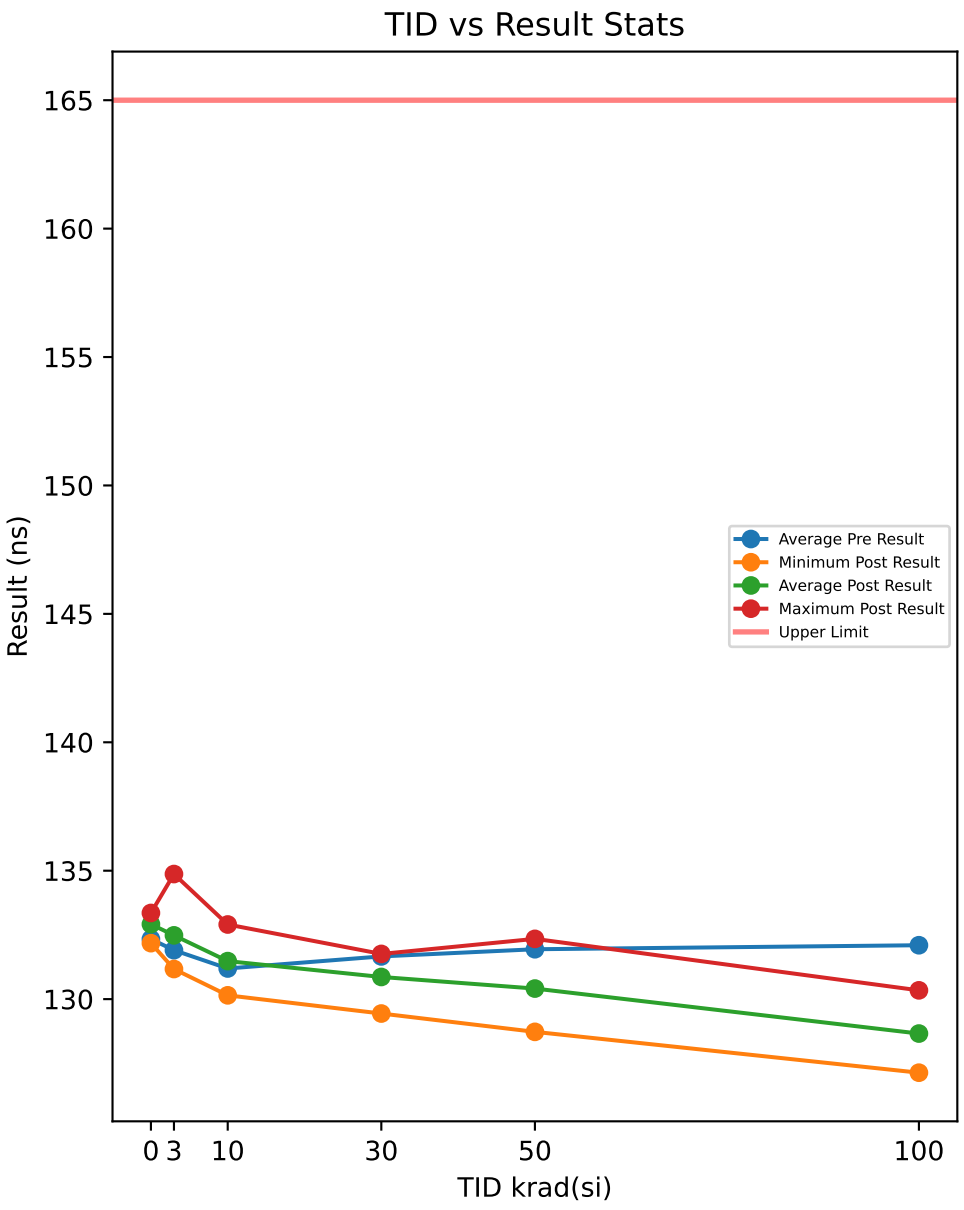
Test Results (Upper Limit = 165.0 (ns))

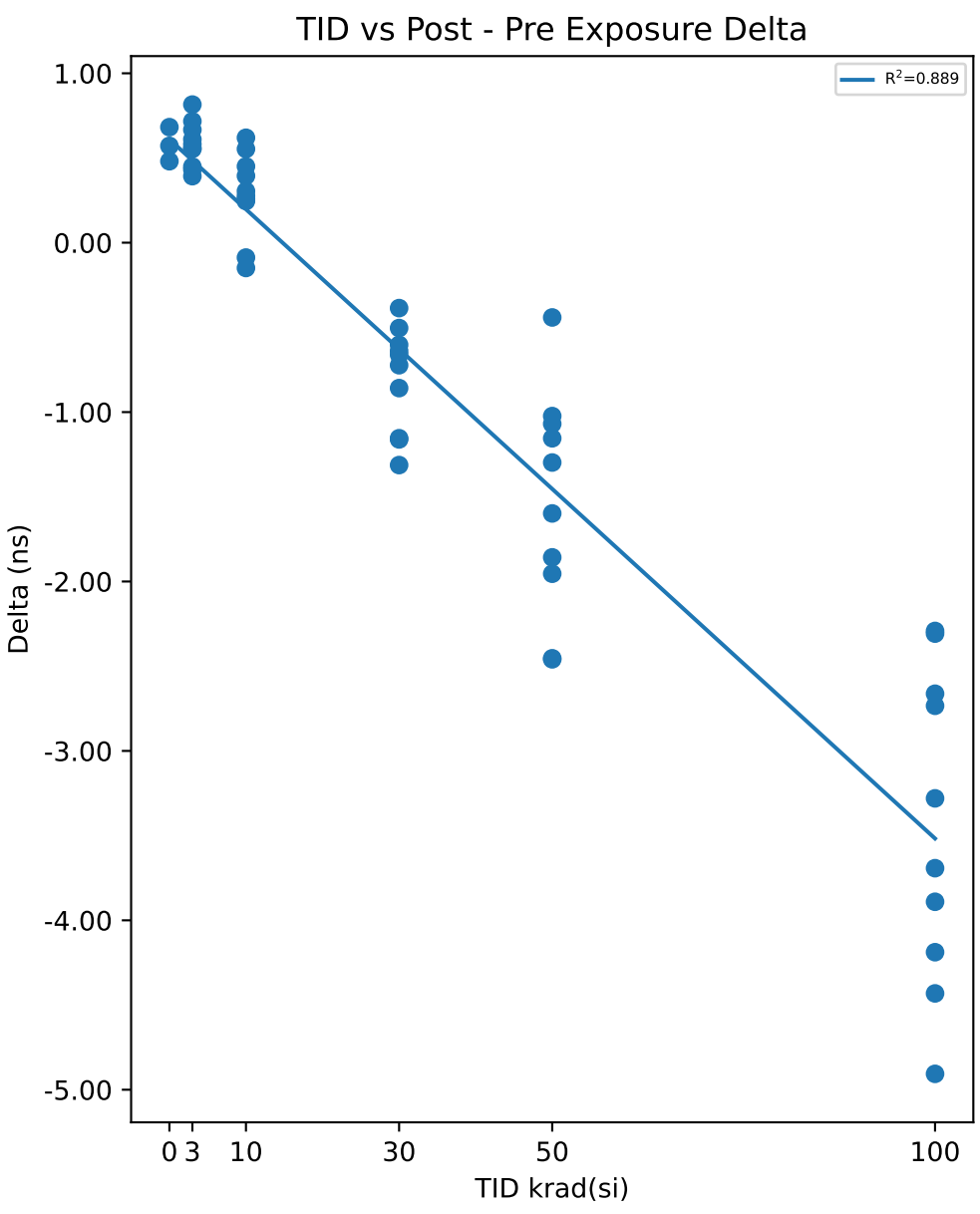
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	130.14	130.74	0.5951
2	3	HDR BIAS	131.21	131.89	0.6756
3	3	HDR BIAS	130.92	131.58	0.6587
4	3	HDR BIAS	131.77	132.24	0.4664
5	3	HDR BIAS	129.41	130.28	0.8686
6	3	HDR UNBIAS	129.97	130.53	0.5554
7	3	HDR UNBIAS	130.22	130.68	0.46
8	3	HDR UNBIAS	130.26	131.03	0.7705
9	3	HDR UNBIAS	133.24	133.82	0.5777
10	3	HDR UNBIAS	131.3	131.79	0.4893
11	10	HDR BIAS	129.57	130.19	0.6295
12	10	HDR BIAS	131.55	131.83	0.2778
13	10	HDR BIAS	129.3	129.63	0.3357
14	10	HDR BIAS	130.65	131.16	0.5114
15	10	HDR BIAS	129.75	130.42	0.6636
16	10	HDR UNBIAS	131.82	131.85	0.0231
17	10	HDR UNBIAS	129.17	129.56	0.3896
18	10	HDR UNBIAS	130.68	131.15	0.4662
19	10	HDR UNBIAS	130.03	129.98	-0.0479
20	10	HDR UNBIAS	130.04	130.38	0.3412
31	30	HDR BIAS	131	130.75	-0.2543
32	30	HDR BIAS	129.57	129.37	-0.2033
33	30	HDR BIAS	130.12	129.73	-0.3906
34	30	HDR BIAS	130.9	130.43	-0.4654
35	30	HDR BIAS	131.37	130.89	-0.4761
36	30	HDR UNBIAS	130.82	129.85	-0.9678
37	30	HDR UNBIAS	131.51	130.45	-1.0615
38	30	HDR UNBIAS	131.53	130.81	-0.7111
39	30	HDR UNBIAS	130.04	129.53	-0.5143
40	30	HDR UNBIAS	129.65	128.71	-0.9437
41	50	HDR BIAS	129.69	129.54	-0.1531
42	50	HDR BIAS	132.48	131.68	-0.7956
43	50	HDR BIAS	131.05	130.03	-1.0265
44	50	HDR BIAS	129.85	129	-0.8564
45	50	HDR BIAS	131.57	130.86	-0.7118
46	50	HDR UNBIAS	132.5	130.45	-2.0506
47	50	HDR UNBIAS	130.68	129.31	-1.3724
48	50	HDR UNBIAS	131.34	129.2	-2.1363
49	50	HDR UNBIAS	129.62	128.04	-1.5858
50	50	HDR UNBIAS	130.39	128.66	-1.7288
51	100	HDR BIAS	130.81	128.94	-1.8614
52	100	HDR BIAS	130.12	128.51	-1.6058
53	100	HDR BIAS	132.63	129.87	-2.7553
54	100	HDR BIAS	131.31	129.37	-1.9369
55	100	HDR BIAS	129.92	128.35	-1.5687
56	100	HDR UNBIAS	132.19	128.8	-3.3934
57	100	HDR UNBIAS	129.77	126.57	-3.1928
58	100	HDR UNBIAS	130.56	126.59	-3.9687
59	100	HDR UNBIAS	132.11	128.46	-3.6523
60	100	HDR UNBIAS	131.21	126.87	-4.3445
71	0	CORRELATION	130.6	131.09	0.4862
72	0	CORRELATION	131.55	132.26	0.7086
73	0	CORRELATION	131.75	132.27	0.5219

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	130.6	131.3	131.75	0.61253	131.09	131.87	132.27	0.67896	0.4862	0.57223	0.7086	0.11944
3	129.41	130.85	133.24	1.104	130.28	131.46	133.82	1.0557	0.46	0.61173	0.8686	0.13384
10	129.17	130.26	131.82	0.90697	129.56	130.61	131.85	0.83852	-0.0479	0.35902	0.6636	0.23273
30	129.57	130.65	131.53	0.74861	128.71	130.05	130.89	0.72765	-1.0615	-0.59881	-0.2033	0.30555
50	129.62	130.92	132.5	1.0642	128.04	129.68	131.68	1.09	-2.1363	-1.2417	-0.1531	0.64005
100	129.77	131.06	132.63	1.0059	126.57	128.23	129.87	1.1675	-4.3445	-2.828	-1.5687	1.0299

Device Test: 26.3 TIMING|MIN/OUT/12/12/0/0/5/500kHz//@TON_MIN





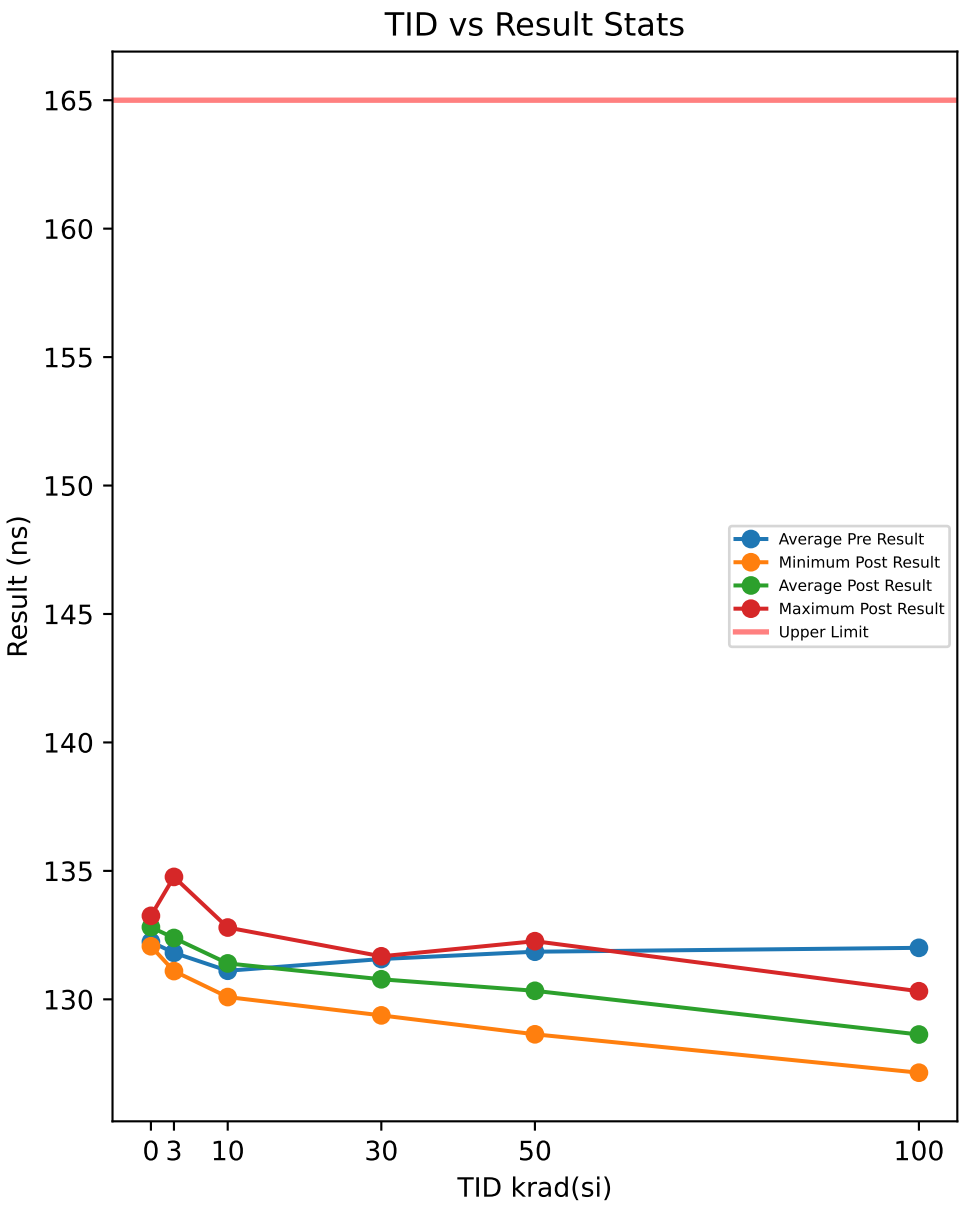
Test Results (Upper Limit = 165.0 (ns))

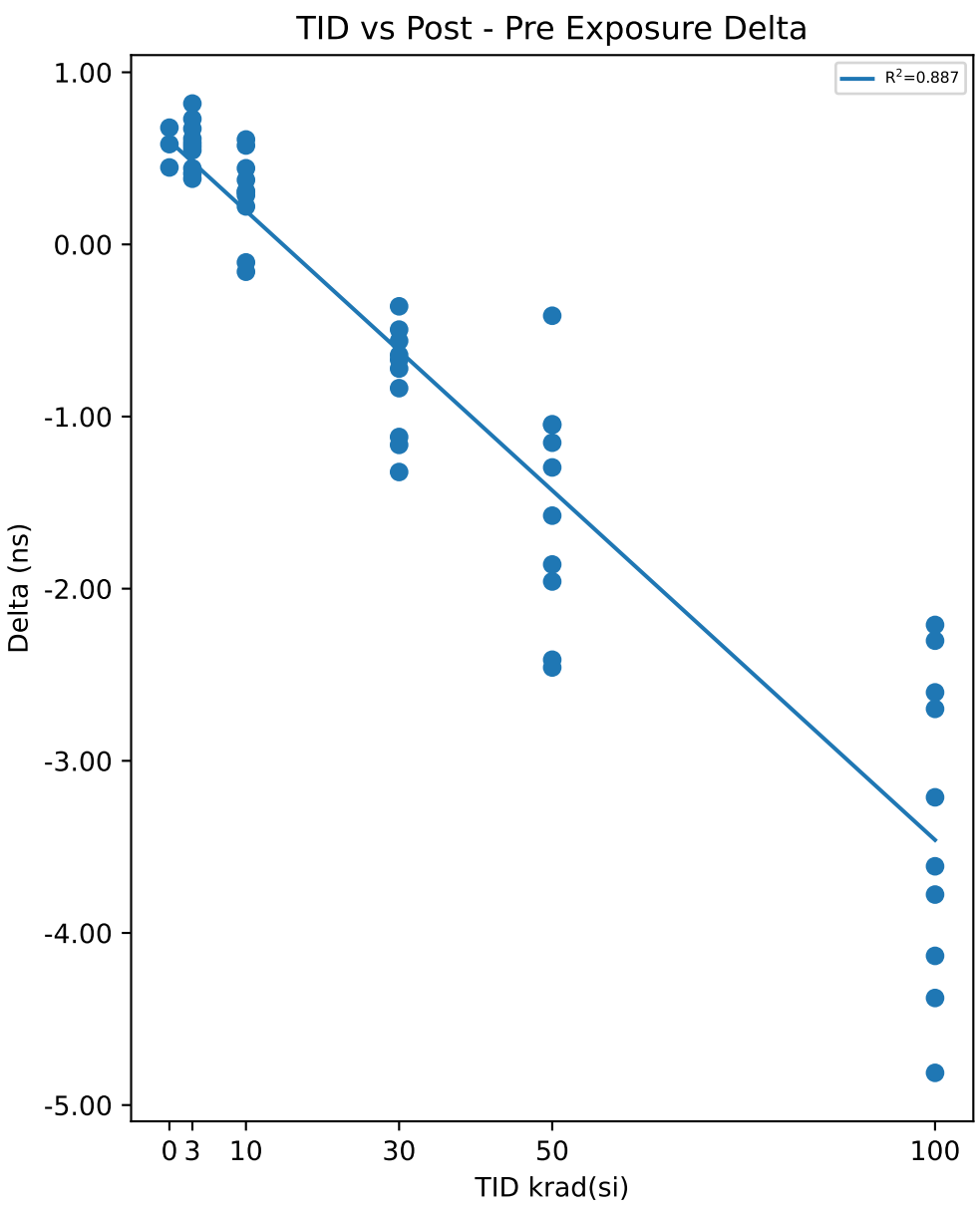
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	131.14	131.7	0.5532
2	3	HDR BIAS	132.36	132.97	0.61
3	3	HDR BIAS	132.02	132.69	0.6666
4	3	HDR BIAS	132.95	133.38	0.4319
5	3	HDR BIAS	130.36	131.17	0.8154
6	3	HDR UNBIAS	131.03	131.59	0.5572
7	3	HDR UNBIAS	131.37	131.76	0.3927
8	3	HDR UNBIAS	131.16	131.88	0.7169
9	3	HDR UNBIAS	134.29	134.87	0.5814
10	3	HDR UNBIAS	132.36	132.81	0.4495
11	10	HDR BIAS	130.44	131	0.5531
12	10	HDR BIAS	132.6	132.91	0.3046
13	10	HDR BIAS	130.2	130.45	0.2457
14	10	HDR BIAS	131.8	132.25	0.4506
15	10	HDR BIAS	130.88	131.5	0.6194
16	10	HDR UNBIAS	132.8	132.71	-0.0878
17	10	HDR UNBIAS	129.87	130.15	0.2762
18	10	HDR UNBIAS	131.4	131.79	0.3945
19	10	HDR UNBIAS	131.11	130.96	-0.1494
20	10	HDR UNBIAS	130.83	131.09	0.2576
31	30	HDR BIAS	131.9	131.4	-0.5038
32	30	HDR BIAS	130.41	130.02	-0.3861
33	30	HDR BIAS	131.33	130.73	-0.6029
34	30	HDR BIAS	132.1	131.44	-0.6615
35	30	HDR BIAS	132.4	131.76	-0.6391
36	30	HDR UNBIAS	132.07	130.91	-1.1613
37	30	HDR UNBIAS	132.34	131.03	-1.3127
38	30	HDR UNBIAS	132.6	131.74	-0.8583
39	30	HDR UNBIAS	130.88	130.16	-0.7233
40	30	HDR UNBIAS	130.59	129.44	-1.1542
41	50	HDR BIAS	130.76	130.32	-0.4413
42	50	HDR BIAS	133.42	132.35	-1.0693
43	50	HDR BIAS	132.33	131.03	-1.2976
44	50	HDR BIAS	130.77	129.61	-1.1546
45	50	HDR BIAS	132.62	131.6	-1.0234
46	50	HDR UNBIAS	133.65	131.19	-2.4593
47	50	HDR UNBIAS	131.57	129.98	-1.5982
48	50	HDR UNBIAS	132.31	129.85	-2.4532
49	50	HDR UNBIAS	130.58	128.73	-1.8575
50	50	HDR UNBIAS	131.42	129.46	-1.9541
51	100	HDR BIAS	131.76	129.1	-2.6624
52	100	HDR BIAS	131.19	128.88	-2.3075
53	100	HDR BIAS	133.62	130.34	-3.2801
54	100	HDR BIAS	132.37	129.63	-2.7336
55	100	HDR BIAS	130.76	128.47	-2.2918
56	100	HDR UNBIAS	133.33	129.44	-3.8905
57	100	HDR UNBIAS	130.83	127.14	-3.6923
58	100	HDR UNBIAS	131.83	127.4	-4.4314
59	100	HDR UNBIAS	133.15	128.96	-4.1882
60	100	HDR UNBIAS	132.14	127.23	-4.9063
71	0	CORRELATION	131.7	132.18	0.4808
72	0	CORRELATION	132.54	133.22	0.6821
73	0	CORRELATION	132.78	133.35	0.5715

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	131.7	132.34	132.78	0.56827	132.18	132.92	133.35	0.64258	0.4808	0.57813	0.6821	0.10081
3	130.36	131.91	134.29	1.1439	131.17	132.48	134.87	1.101	0.3927	0.57748	0.8154	0.1324
10	129.87	131.19	132.8	0.97087	130.15	131.48	132.91	0.92657	-0.1494	0.28645	0.6194	0.248
30	130.41	131.66	132.6	0.79848	129.44	130.86	131.76	0.77988	-1.3127	-0.80032	-0.3861	0.31111
50	130.58	131.94	133.65	1.0987	128.73	130.41	132.35	1.107	-2.4593	-1.5308	-0.4413	0.65462
100	130.76	132.1	133.62	1.0239	127.14	128.66	130.34	1.0897	-4.9063	-3.4384	-2.2918	0.92433

Device Test: 26.4 TIMING|MIN/OUT/14/14/0/0/5/500kHz//@TON_MIN





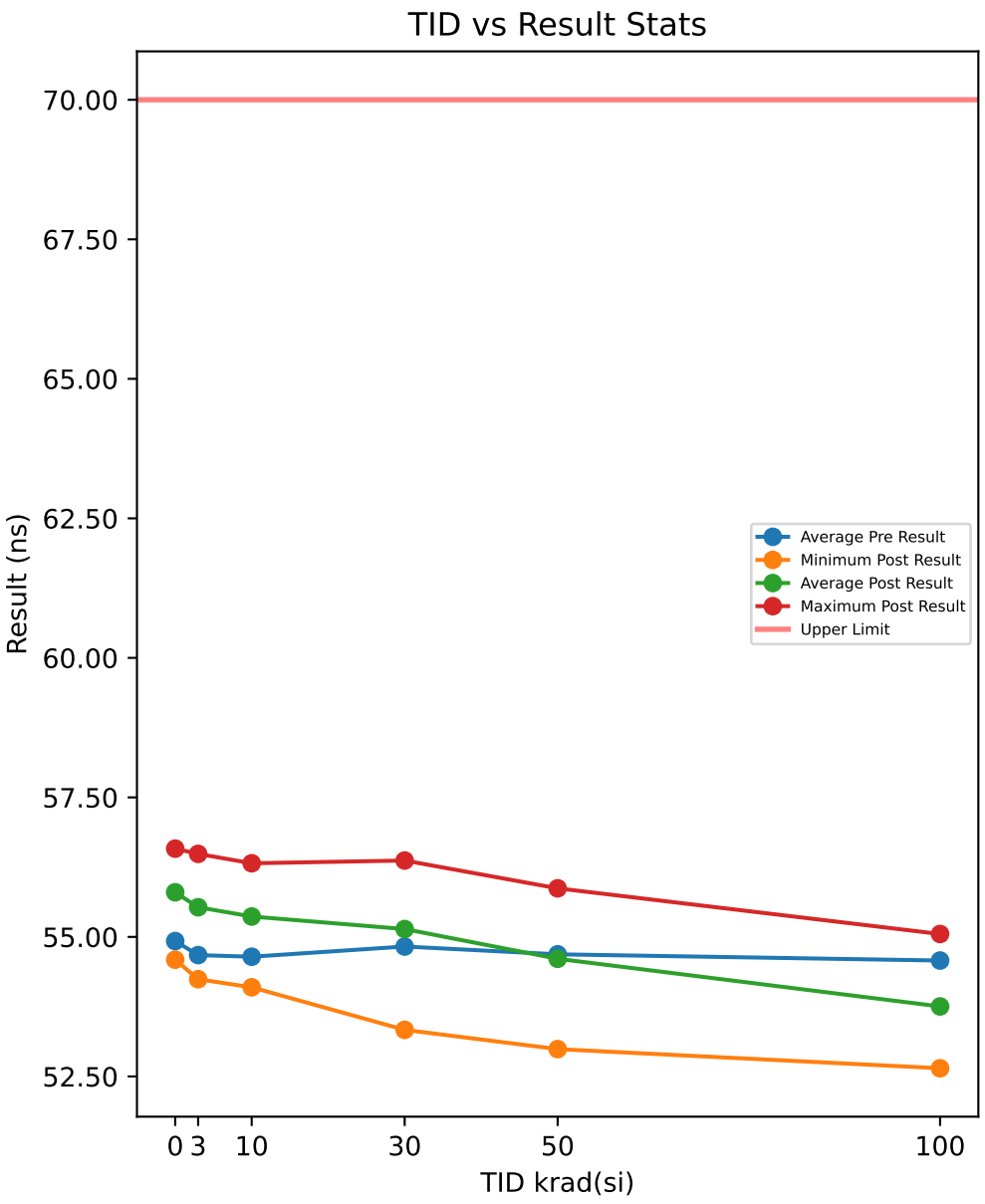
Test Results (Upper Limit = 165.0 (ns))

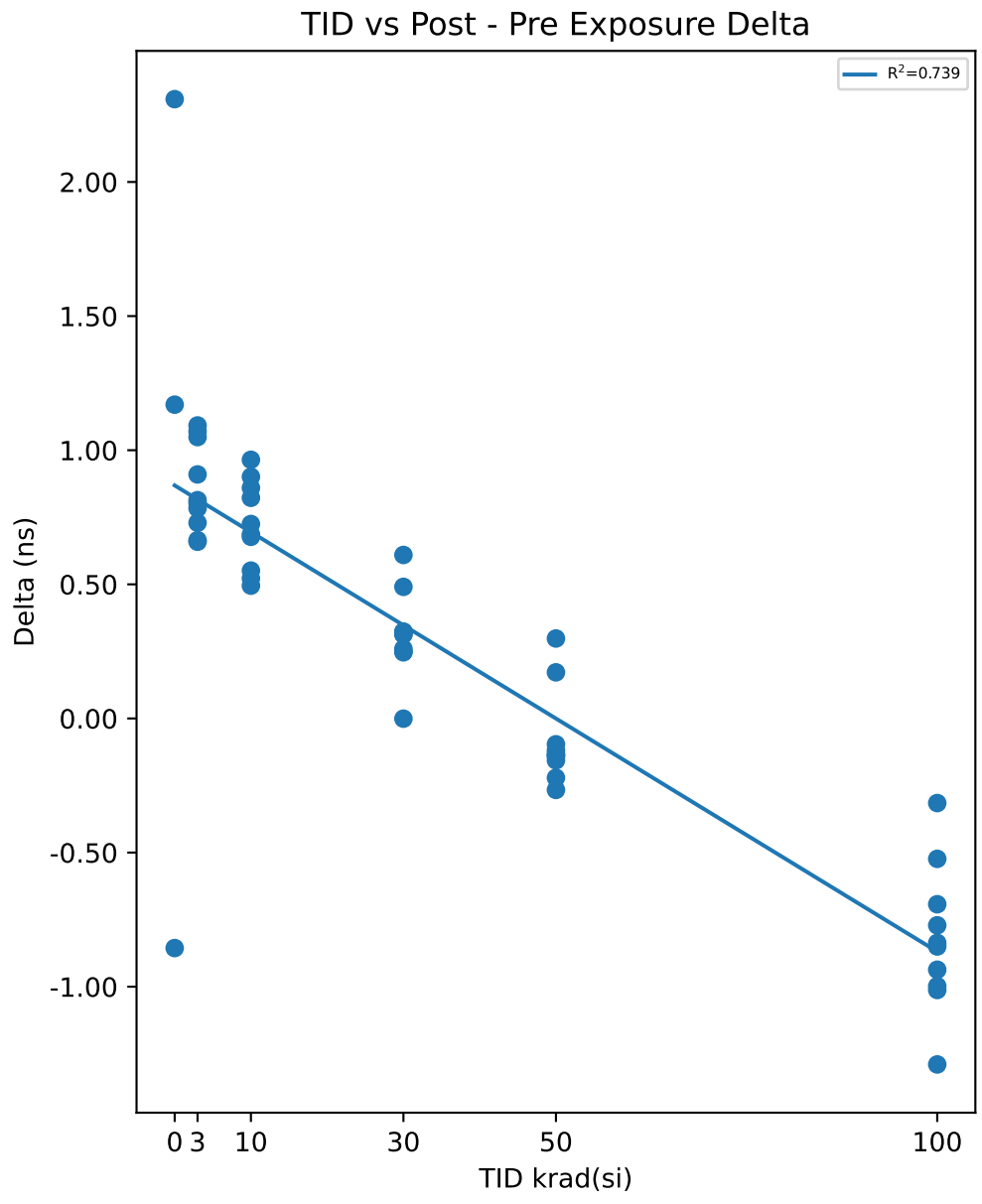
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	131.04	131.61	0.5693
2	3	HDR BIAS	132.26	132.88	0.6142
3	3	HDR BIAS	131.93	132.6	0.6726
4	3	HDR BIAS	132.86	133.27	0.4115
5	3	HDR BIAS	130.28	131.1	0.8183
6	3	HDR UNBIAS	130.95	131.5	0.5466
7	3	HDR UNBIAS	131.28	131.66	0.3817
8	3	HDR UNBIAS	131.07	131.8	0.729
9	3	HDR UNBIAS	134.18	134.77	0.5899
10	3	HDR UNBIAS	132.26	132.7	0.4419
11	10	HDR BIAS	130.36	130.94	0.5746
12	10	HDR BIAS	132.49	132.79	0.3036
13	10	HDR BIAS	130.14	130.36	0.2206
14	10	HDR BIAS	131.72	132.16	0.4424
15	10	HDR BIAS	130.8	131.41	0.6097
16	10	HDR UNBIAS	132.7	132.59	-0.1046
17	10	HDR UNBIAS	129.78	130.09	0.3094
18	10	HDR UNBIAS	131.34	131.71	0.3747
19	10	HDR UNBIAS	131.05	130.9	-0.1587
20	10	HDR UNBIAS	130.74	131.03	0.2856
31	30	HDR BIAS	131.79	131.3	-0.4947
32	30	HDR BIAS	130.32	129.96	-0.3596
33	30	HDR BIAS	131.24	130.67	-0.5604
34	30	HDR BIAS	132	131.33	-0.6696
35	30	HDR BIAS	132.31	131.67	-0.6425
36	30	HDR UNBIAS	131.97	130.81	-1.1647
37	30	HDR UNBIAS	132.24	130.92	-1.3222
38	30	HDR UNBIAS	132.51	131.68	-0.8352
39	30	HDR UNBIAS	130.82	130.09	-0.7213
40	30	HDR UNBIAS	130.49	129.38	-1.1187
41	50	HDR BIAS	130.65	130.23	-0.4143
42	50	HDR BIAS	133.31	132.26	-1.0492
43	50	HDR BIAS	132.21	130.92	-1.2957
44	50	HDR BIAS	130.69	129.54	-1.152
45	50	HDR BIAS	132.55	131.51	-1.0446
46	50	HDR UNBIAS	133.55	131.09	-2.4578
47	50	HDR UNBIAS	131.5	129.92	-1.5757
48	50	HDR UNBIAS	132.23	129.81	-2.4127
49	50	HDR UNBIAS	130.5	128.64	-1.8594
50	50	HDR UNBIAS	131.35	129.39	-1.9583
51	100	HDR BIAS	131.65	129.04	-2.6025
52	100	HDR BIAS	131.11	128.81	-2.3021
53	100	HDR BIAS	133.53	130.32	-3.2121
54	100	HDR BIAS	132.27	129.57	-2.6984
55	100	HDR BIAS	130.69	128.48	-2.2106
56	100	HDR UNBIAS	133.21	129.44	-3.7771
57	100	HDR UNBIAS	130.76	127.14	-3.6128
58	100	HDR UNBIAS	131.75	127.37	-4.3779
59	100	HDR UNBIAS	133.03	128.9	-4.1332
60	100	HDR UNBIAS	132.05	127.24	-4.8128
71	0	CORRELATION	131.62	132.07	0.447
72	0	CORRELATION	132.44	133.12	0.6782
73	0	CORRELATION	132.67	133.25	0.5825

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	131.62	132.24	132.67	0.5509	132.07	132.81	133.25	0.6481	0.447	0.56923	0.6782	0.11617
3	130.28	131.81	134.18	1.1364	131.1	132.39	134.77	1.093	0.3817	0.5775	0.8183	0.14015
10	129.78	131.11	132.7	0.96317	130.09	131.4	132.79	0.90946	-0.1587	0.28573	0.6097	0.25295
30	130.32	131.57	132.51	0.79553	129.38	130.78	131.68	0.76888	-1.3222	-0.78889	-0.3596	0.3162
50	130.5	131.85	133.55	1.0946	128.64	130.33	132.26	1.098	-2.4578	-1.522	-0.4143	0.65343
100	130.69	132	133.53	1.0106	127.14	128.63	130.32	1.0761	-4.8128	-3.374	-2.2106	0.91008

Device Test: 26.5 TIMING|EXT/OUT/4.5/4.5/0/0/4.5/500kHz//@T_OFF_EXTENDER





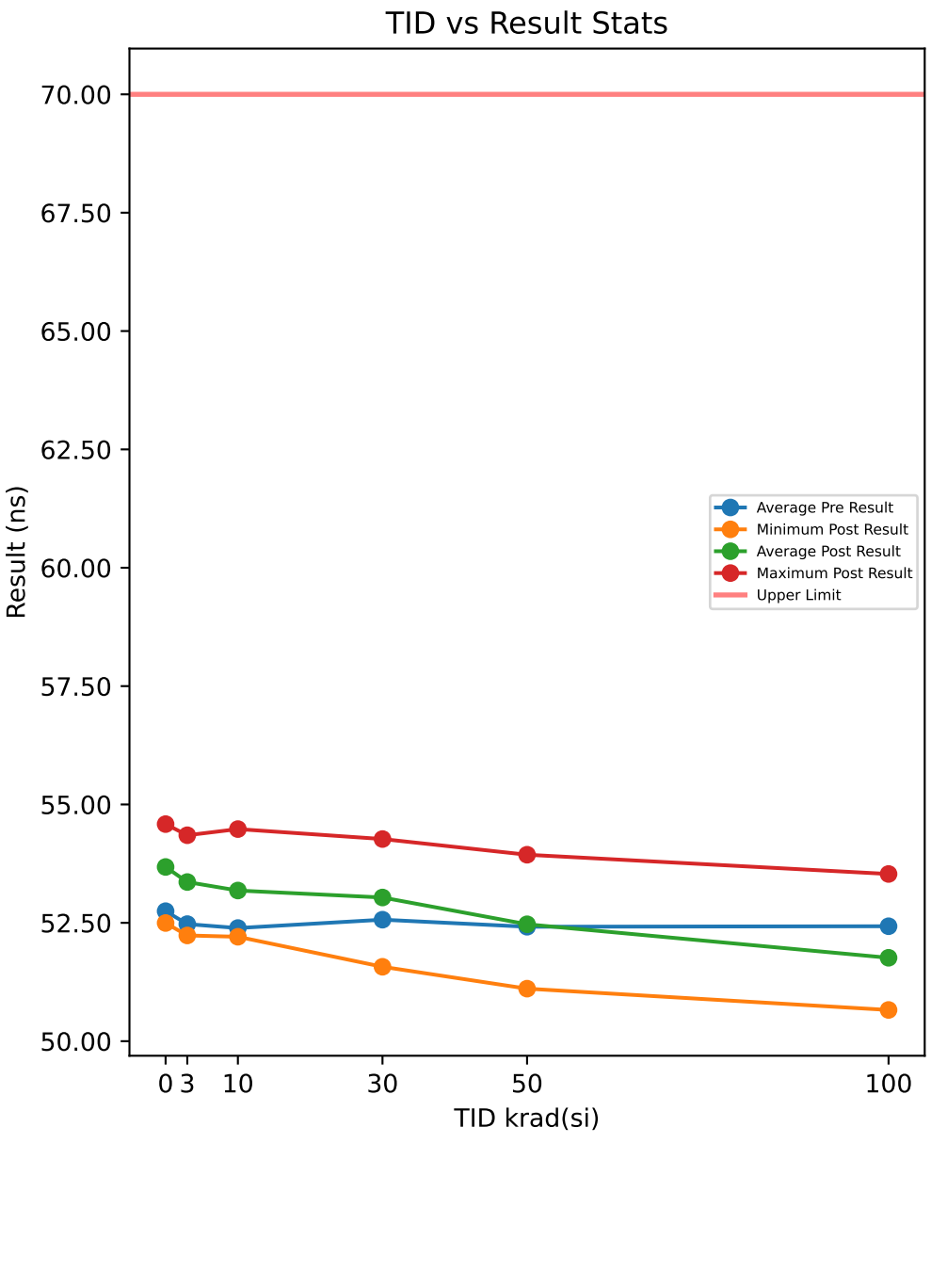
Test Results (Upper Limit = 70.0 (ns))

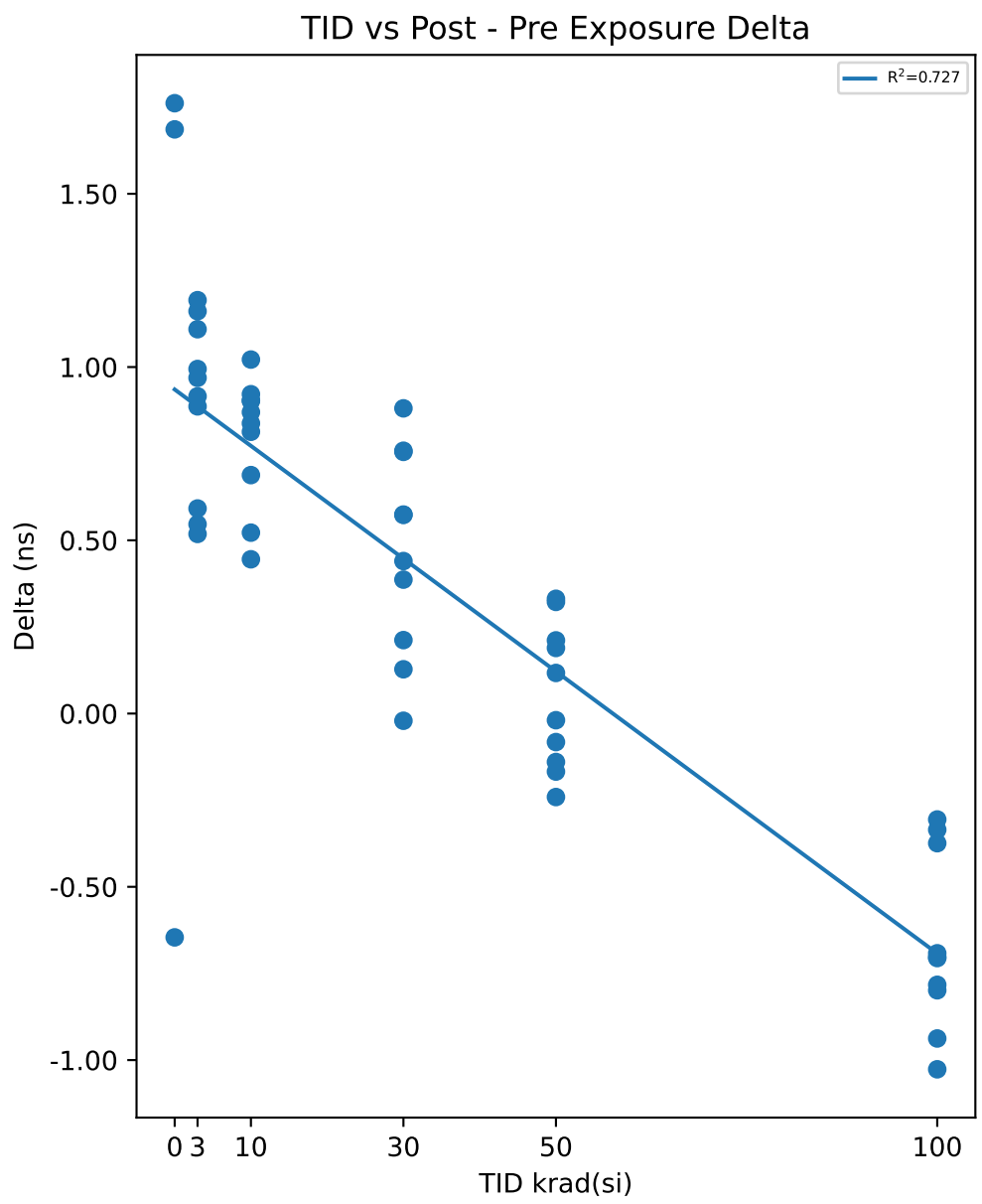
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	54.99	55.793	0.8027
2	3	HDR BIAS	55.395	56.488	1.0923
3	3	HDR BIAS	53.583	54.242	0.6588
4	3	HDR BIAS	55.179	55.963	0.7838
5	3	HDR BIAS	54.597	55.667	1.0701
6	3	HDR UNBIAS	53.953	54.618	0.6647
7	3	HDR UNBIAS	55.483	56.392	0.9097
8	3	HDR UNBIAS	54.651	55.7	1.0489
9	3	HDR UNBIAS	53.617	54.346	0.7295
10	3	HDR UNBIAS	55.293	56.106	0.8138
11	10	HDR BIAS	54.61	55.47	0.8598
12	10	HDR BIAS	53.655	54.177	0.522
13	10	HDR BIAS	55.642	56.319	0.6771
14	10	HDR BIAS	54.634	55.457	0.8225
15	10	HDR BIAS	53.911	54.462	0.5512
16	10	HDR UNBIAS	55.426	56.112	0.6861
17	10	HDR UNBIAS	54.874	55.838	0.9643
18	10	HDR UNBIAS	53.602	54.097	0.495
19	10	HDR UNBIAS	55.59	56.315	0.7249
20	10	HDR UNBIAS	54.505	55.406	0.901
31	30	HDR BIAS	55.49	55.737	0.2465
32	30	HDR BIAS	54.677	54.992	0.3149
33	30	HDR BIAS	54.425	54.685	0.2597
34	30	HDR BIAS	55.759	56.369	0.6095
35	30	HDR BIAS	55.057	55.548	0.4906
36	30	HDR UNBIAS	53.915	54.236	0.3211
37	30	HDR UNBIAS	54.96	55.21	0.2498
38	30	HDR UNBIAS	55.021	55.345	0.324
39	30	HDR UNBIAS	53.335	53.334	-0.0008
40	30	HDR UNBIAS	55.637	55.95	0.3127
41	50	HDR BIAS	55.42	55.323	-0.0963
42	50	HDR BIAS	53.65	53.518	-0.1321
43	50	HDR BIAS	55.572	55.871	0.2981
44	50	HDR BIAS	54.509	54.353	-0.1563
45	50	HDR BIAS	53.6	53.334	-0.2664
46	50	HDR UNBIAS	55.009	54.89	-0.1193
47	50	HDR UNBIAS	55.804	55.583	-0.2213
48	50	HDR UNBIAS	53.128	52.989	-0.1388
49	50	HDR UNBIAS	55.091	55.263	0.1719
50	50	HDR UNBIAS	55.097	54.957	-0.1399
51	100	HDR BIAS	53.94	53.09	-0.8501
52	100	HDR BIAS	54.85	54.535	-0.3154
53	100	HDR BIAS	54.454	53.931	-0.5234
54	100	HDR BIAS	53.979	52.981	-0.9978
55	100	HDR BIAS	55.135	54.443	-0.6926
56	100	HDR UNBIAS	54.62	53.784	-0.8367
57	100	HDR UNBIAS	53.817	52.88	-0.9367
58	100	HDR UNBIAS	56.064	55.052	-1.0123
59	100	HDR UNBIAS	55.488	54.198	-1.2898
60	100	HDR UNBIAS	53.418	52.647	-0.7712
71	0	CORRELATION	55.411	56.581	1.1698
72	0	CORRELATION	53.916	56.225	2.3087
73	0	CORRELATION	55.448	54.592	-0.856

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	53.916	54.925	55.448	0.87407	54.592	55.799	56.581	1.0607	-0.856	0.87417	2.3087	1.6029
3	53.583	54.674	55.483	0.72615	54.242	55.532	56.488	0.82926	0.6588	0.85743	1.0923	0.16434
10	53.602	54.645	55.642	0.75839	54.097	55.365	56.319	0.84652	0.495	0.72039	0.9643	0.1646
30	53.335	54.828	55.759	0.76841	53.334	55.141	56.369	0.88447	-0.0008	0.3128	0.6095	0.15964
50	53.128	54.688	55.804	0.92626	52.989	54.608	55.871	1.0101	-0.2664	-0.08004	0.2981	0.17592
100	53.418	54.577	56.064	0.82535	52.647	53.754	55.052	0.81831	-1.2898	-0.8226	-0.3154	0.27188

Device Test: 26.7 TIMING|EXT/OUT/14/14/0/0/5/500kHz//@T_OFF_EXTENDER





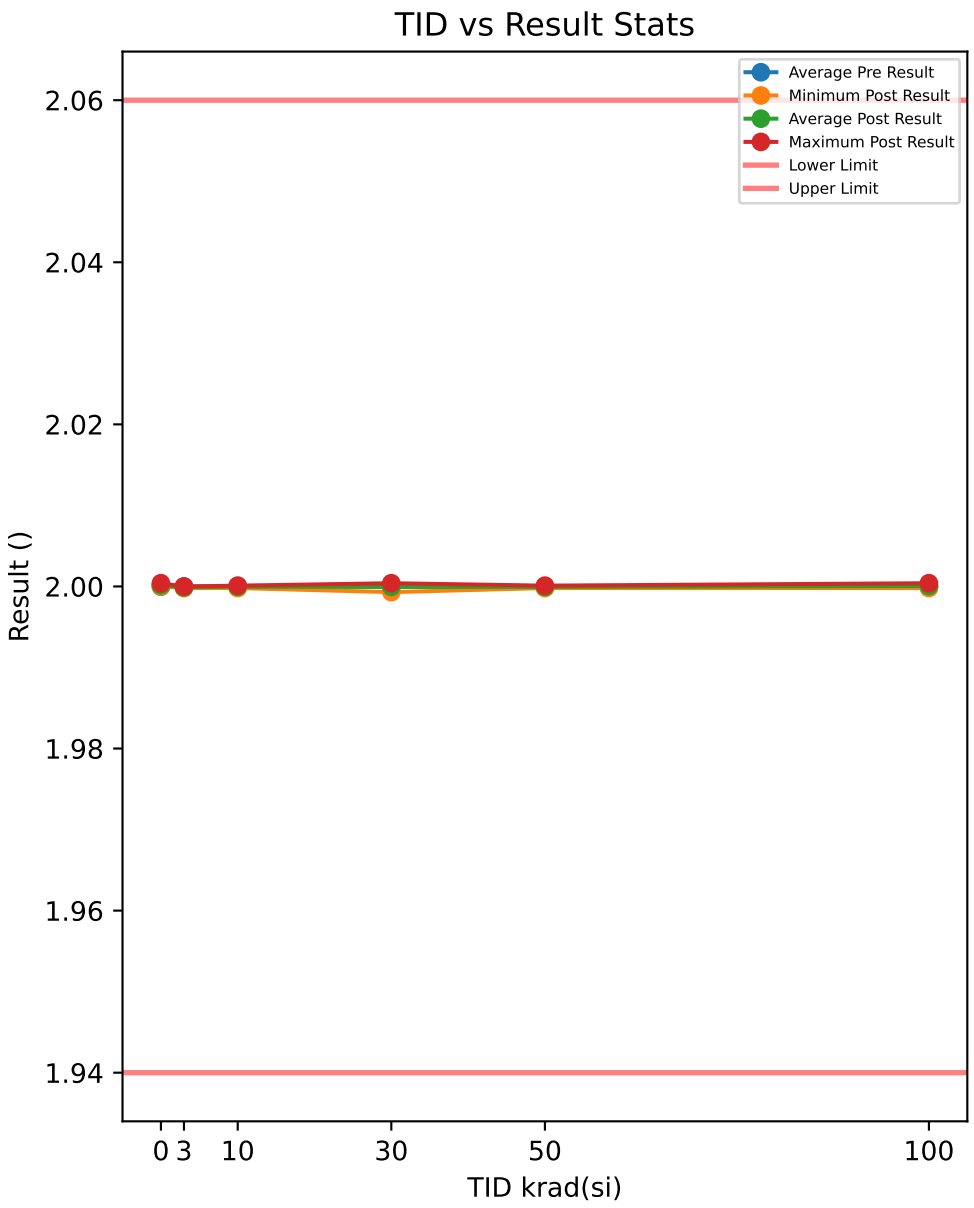
Test Results (Upper Limit = 70.0 (ns))

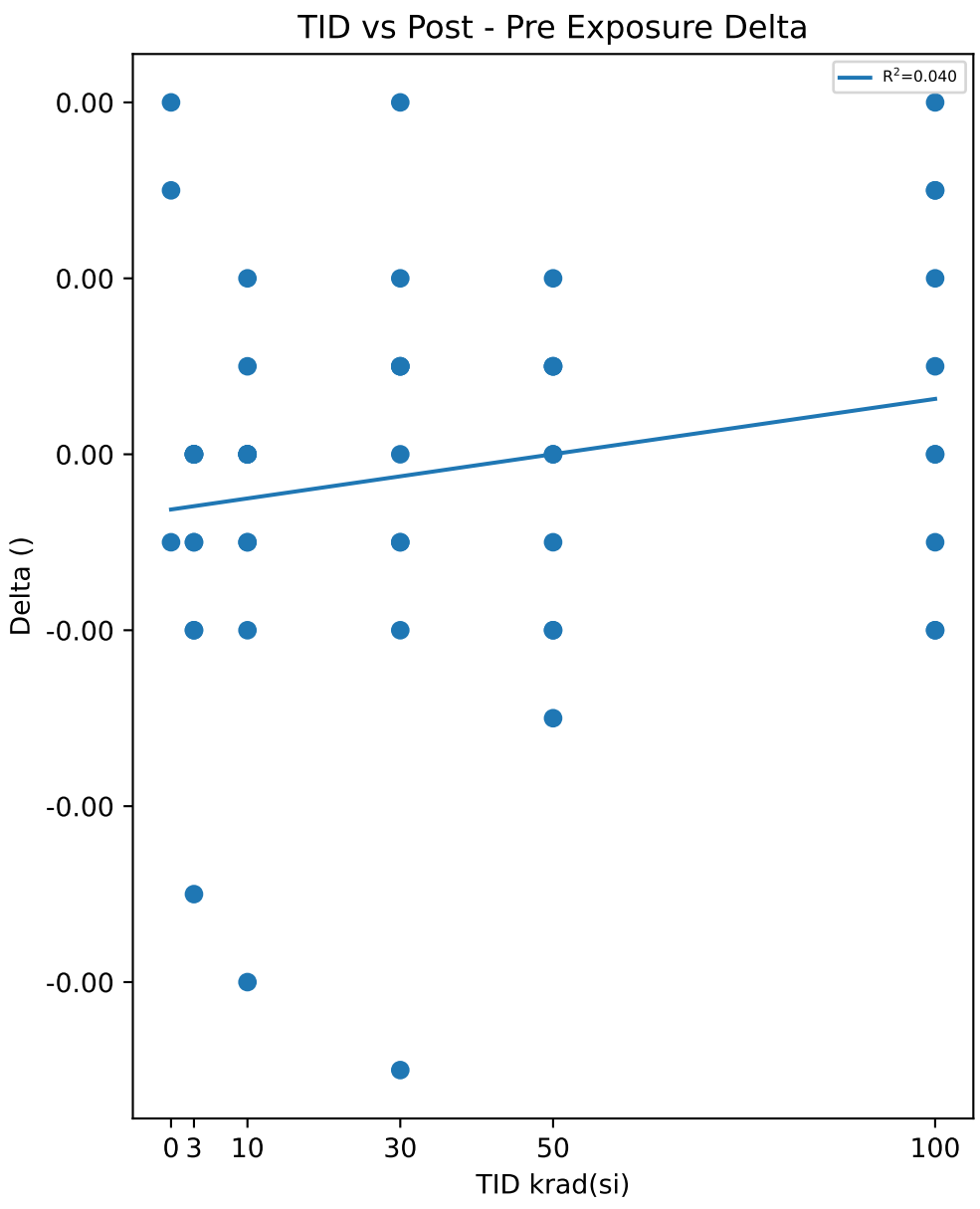
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	52.909	53.903	0.9944
2	3	HDR BIAS	52.81	54.003	1.193
3	3	HDR BIAS	51.642	52.233	0.5918
4	3	HDR BIAS	53.176	54.091	0.9156
5	3	HDR BIAS	51.679	52.84	1.1612
6	3	HDR UNBIAS	52.262	52.808	0.5464
7	3	HDR UNBIAS	53.464	54.35	0.8865
8	3	HDR UNBIAS	51.707	52.816	1.1092
9	3	HDR UNBIAS	52.095	52.614	0.5184
10	3	HDR UNBIAS	52.989	53.958	0.9689
11	10	HDR BIAS	51.711	52.733	1.0216
12	10	HDR BIAS	52.034	52.556	0.5221
13	10	HDR BIAS	53.667	54.48	0.8132
14	10	HDR BIAS	52.018	52.922	0.9043
15	10	HDR BIAS	52.398	52.843	0.4452
16	10	HDR UNBIAS	53.23	54.068	0.8376
17	10	HDR UNBIAS	52.125	53.047	0.9216
18	10	HDR UNBIAS	51.517	52.206	0.6882
19	10	HDR UNBIAS	53.383	54.285	0.9019
20	10	HDR UNBIAS	51.815	52.685	0.8697
31	30	HDR BIAS	53.097	53.538	0.4401
32	30	HDR BIAS	51.709	52.589	0.8808
33	30	HDR BIAS	52.518	52.73	0.212
34	30	HDR BIAS	53.697	54.27	0.5733
35	30	HDR BIAS	52.469	52.855	0.3865
36	30	HDR UNBIAS	52.15	52.278	0.1278
37	30	HDR UNBIAS	52.579	53.334	0.7552
38	30	HDR UNBIAS	52.401	53.159	0.7585
39	30	HDR UNBIAS	51.592	51.572	-0.0208
40	30	HDR UNBIAS	53.45	54.024	0.5743
41	50	HDR BIAS	52.698	52.615	-0.0823
42	50	HDR BIAS	51.585	51.796	0.2112
43	50	HDR BIAS	53.749	53.938	0.1893
44	50	HDR BIAS	51.576	51.436	-0.1398
45	50	HDR BIAS	51.925	51.684	-0.2409
46	50	HDR UNBIAS	53.018	52.998	-0.0192
47	50	HDR UNBIAS	53.139	53.461	0.3222
48	50	HDR UNBIAS	51.277	51.109	-0.1674
49	50	HDR UNBIAS	52.923	53.04	0.1172
50	50	HDR UNBIAS	52.283	52.614	0.3312
51	100	HDR BIAS	51.883	51.191	-0.6918
52	100	HDR BIAS	52.763	52.457	-0.3057
53	100	HDR BIAS	52.085	51.286	-0.7986
54	100	HDR BIAS	52.044	51.341	-0.7029
55	100	HDR BIAS	52.863	52.489	-0.3741
56	100	HDR UNBIAS	52.26	51.554	-0.7056
57	100	HDR UNBIAS	52.123	51.186	-0.9377
58	100	HDR UNBIAS	53.867	53.532	-0.3352
59	100	HDR UNBIAS	52.948	51.921	-1.0266
60	100	HDR UNBIAS	51.442	50.66	-0.7828
71	0	CORRELATION	52.899	54.585	1.6859
72	0	CORRELATION	52.197	53.958	1.7614
73	0	CORRELATION	53.142	52.496	-0.6459

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	52.197	52.746	53.142	0.49089	52.496	53.68	54.585	1.072	-0.6459	0.9338	1.7614	1.3686
3	51.642	52.473	53.464	0.6783	52.233	53.362	54.35	0.76577	0.5184	0.88854	1.193	0.25304
10	51.517	52.39	53.667	0.76088	52.206	53.182	54.48	0.79448	0.4452	0.79254	1.0216	0.18459
30	51.592	52.566	53.697	0.68619	51.572	53.035	54.27	0.80965	-0.0208	0.46877	0.8808	0.29576
50	51.277	52.417	53.749	0.81318	51.109	52.469	53.938	0.92959	-0.2409	0.05215	0.3312	0.20903
100	51.442	52.428	53.867	0.69096	50.66	51.762	53.532	0.84912	-1.0266	-0.6661	-0.3057	0.25014

Device Test: 28.1 LEVEL|RATIO/CS/4.5/4.5/0/0/4.5/500kHz//@C_CS_R





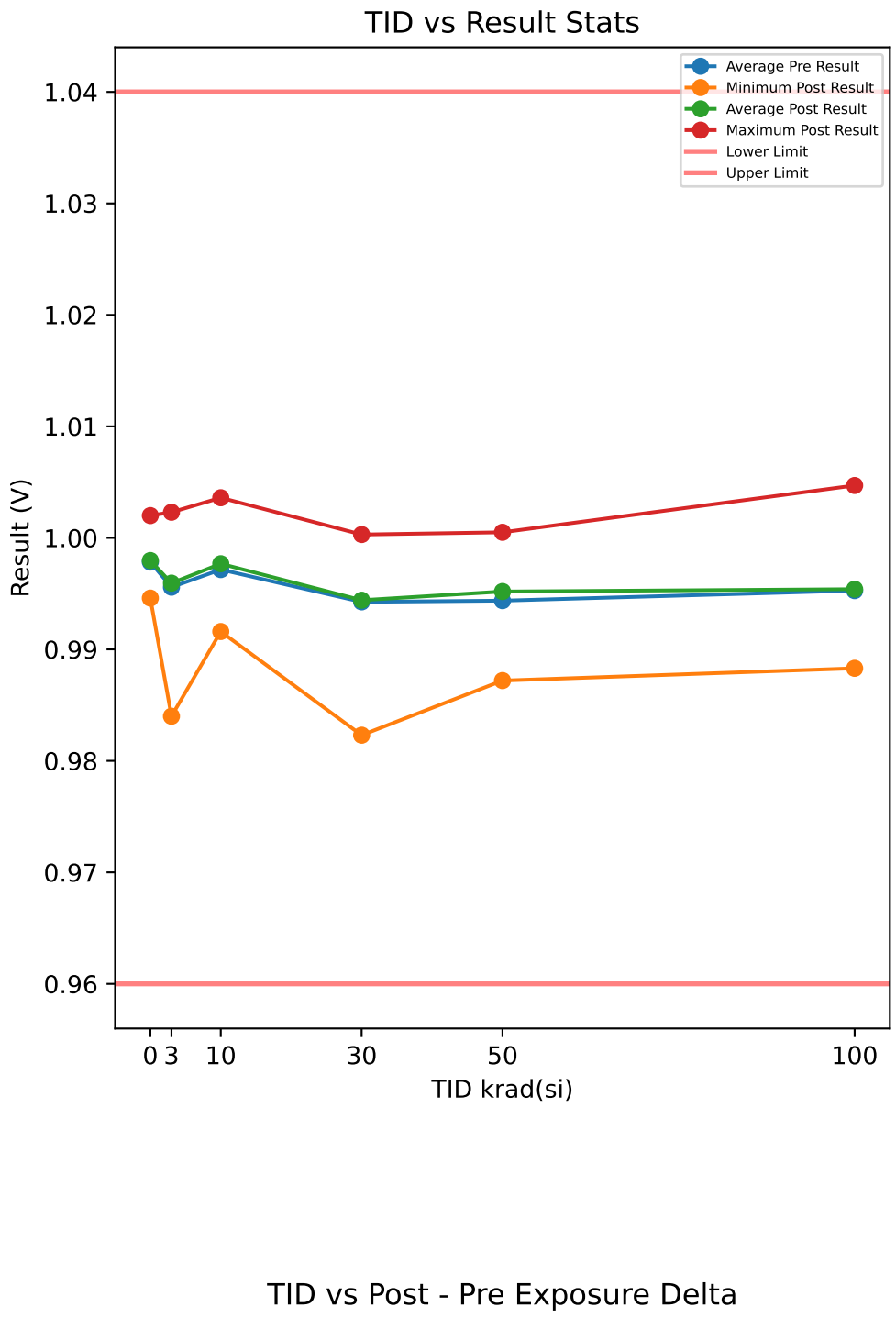
Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

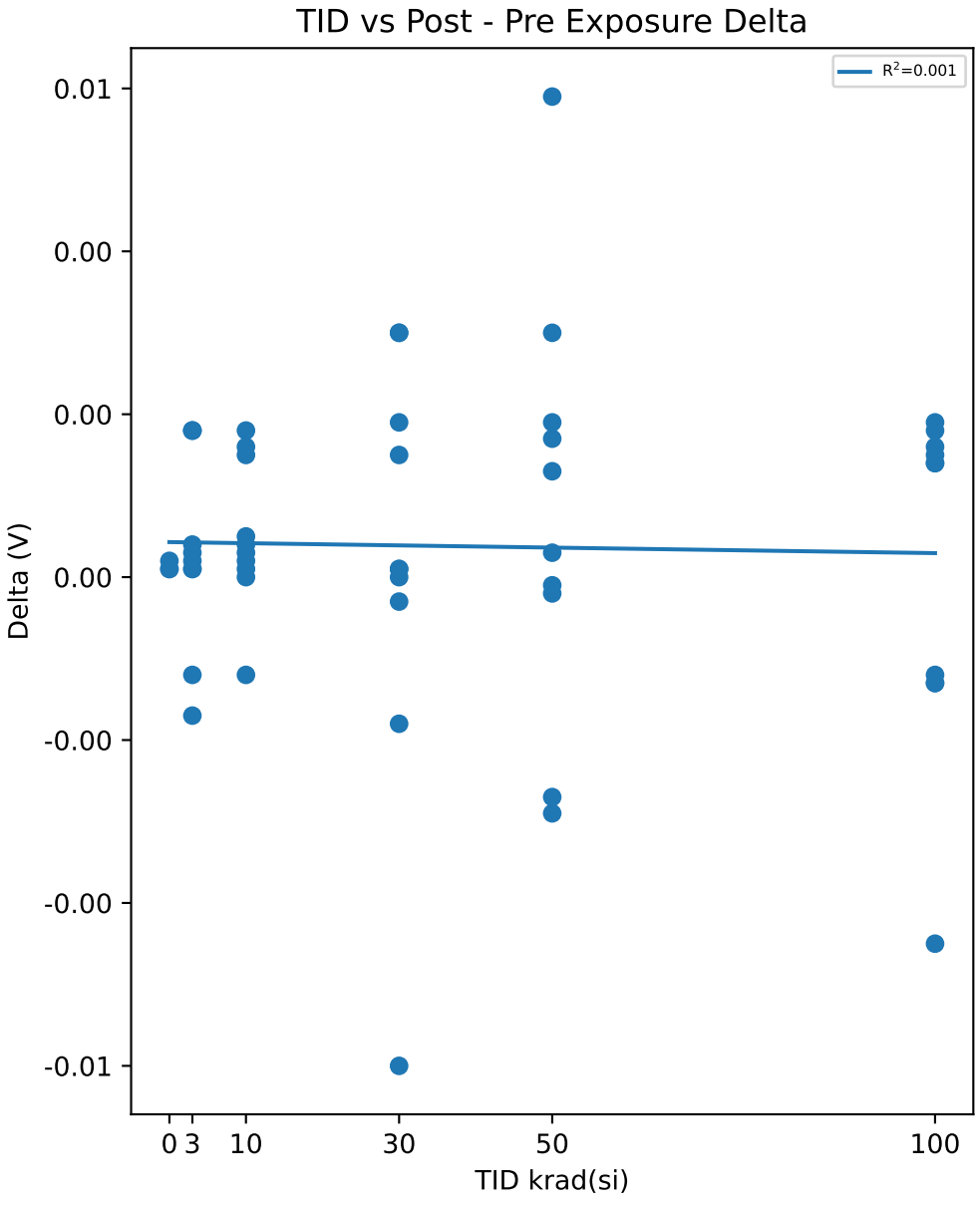
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.9999	1.9999	0
2	3	HDR BIAS	2	2	0
3	3	HDR BIAS	2	1.9998	-0.0002
4	3	HDR BIAS	1.9998	1.9998	0
5	3	HDR BIAS	2	2	0
6	3	HDR UNBIAS	2	2	0
7	3	HDR UNBIAS	2	1.9999	-0.0001
8	3	HDR UNBIAS	2	1.9998	-0.0002
9	3	HDR UNBIAS	2.0003	1.9998	-0.0005
10	3	HDR UNBIAS	1.9999	1.9998	-0.0001
11	10	HDR BIAS	2.0001	2	-0.0001
12	10	HDR BIAS	2.0003	2.0001	-0.0002
13	10	HDR BIAS	1.9999	1.9998	-0.0001
14	10	HDR BIAS	2	2	0
15	10	HDR BIAS	2	2.0001	0.0001
16	10	HDR UNBIAS	1.9999	1.9999	0
17	10	HDR UNBIAS	1.9999	1.9999	0
18	10	HDR UNBIAS	2.0004	1.9998	-0.0006
19	10	HDR UNBIAS	2	2	0
20	10	HDR UNBIAS	1.9998	2	0.0002
31	30	HDR BIAS	1.9999	2	0.0001
32	30	HDR BIAS	2	1.9993	-0.0007
33	30	HDR BIAS	2	1.9998	-0.0002
34	30	HDR BIAS	1.9998	2	0.0002
35	30	HDR BIAS	2	2.0004	0.0004
36	30	HDR UNBIAS	1.9999	1.9998	-0.0001
37	30	HDR UNBIAS	2	2.0001	0.0001
38	30	HDR UNBIAS	2.0001	2	-0.0001
39	30	HDR UNBIAS	2.0001	2.0001	0
40	30	HDR UNBIAS	1.9999	2	0.0001
41	50	HDR BIAS	1.9998	2	0.0002
42	50	HDR BIAS	2	1.9999	-0.0001
43	50	HDR BIAS	2	2.0001	0.0001
44	50	HDR BIAS	2	1.9998	-0.0002
45	50	HDR BIAS	2.0001	1.9998	-0.0003
46	50	HDR UNBIAS	2	1.9998	-0.0002
47	50	HDR UNBIAS	2	2.0001	0.0001
48	50	HDR UNBIAS	1.9998	1.9999	0.0001
49	50	HDR UNBIAS	2	2	0
50	50	HDR UNBIAS	2	2	0
51	100	HDR BIAS	1.9999	2.0002	0.0003
52	100	HDR BIAS	2	2	0
53	100	HDR BIAS	2	1.9998	-0.0002
54	100	HDR BIAS	1.9998	2.0001	0.0003
55	100	HDR BIAS	1.9998	1.9999	0.0001
56	100	HDR UNBIAS	2.0001	2	-0.0001
57	100	HDR UNBIAS	2	2.0004	0.0004
58	100	HDR UNBIAS	2	2	0
59	100	HDR UNBIAS	2.0001	1.9999	-0.0002
60	100	HDR UNBIAS	2	2.0002	0.0002
71	0	CORRELATION	2.0001	2	-0.0001
72	0	CORRELATION	1.9998	2.0001	0.0003
73	0	CORRELATION	2	2.0004	0.0004

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	1.9998	2	2.0001	0.00015275	2	2.0002	2.0004	0.00020817	-0.0001	0.0002	0.0004	0.00026458
3	1.9998	2	2.0003	0.00012867	1.9998	1.9999	2	9.1894e-05	-0.0005	-0.00011	0	0.00015951
10	1.9998	2	2.0004	0.00018886	1.9998	2	2.0001	0.0001075	-0.0006	-7e-05	0.0002	0.00021628
30	1.9998	2	2.0001	9.4868e-05	1.9993	2	2.0004	0.00028382	-0.0007	-2e-05	0.0004	0.00029364
50	1.9998	2	2.0001	9.4868e-05	1.9998	1.9999	2.0001	0.00011738	-0.0003	-3e-05	0.0002	0.00016364
100	1.9998	2	2.0001	0.00010593	1.9998	2	2.0004	0.00017795	-0.0002	8e-05	0.0004	0.00021499

Device Test: 28.10 VOLTAGE|OC/CS/5/5/0/0/5/100kHz//@V_CS_ILIM_OC





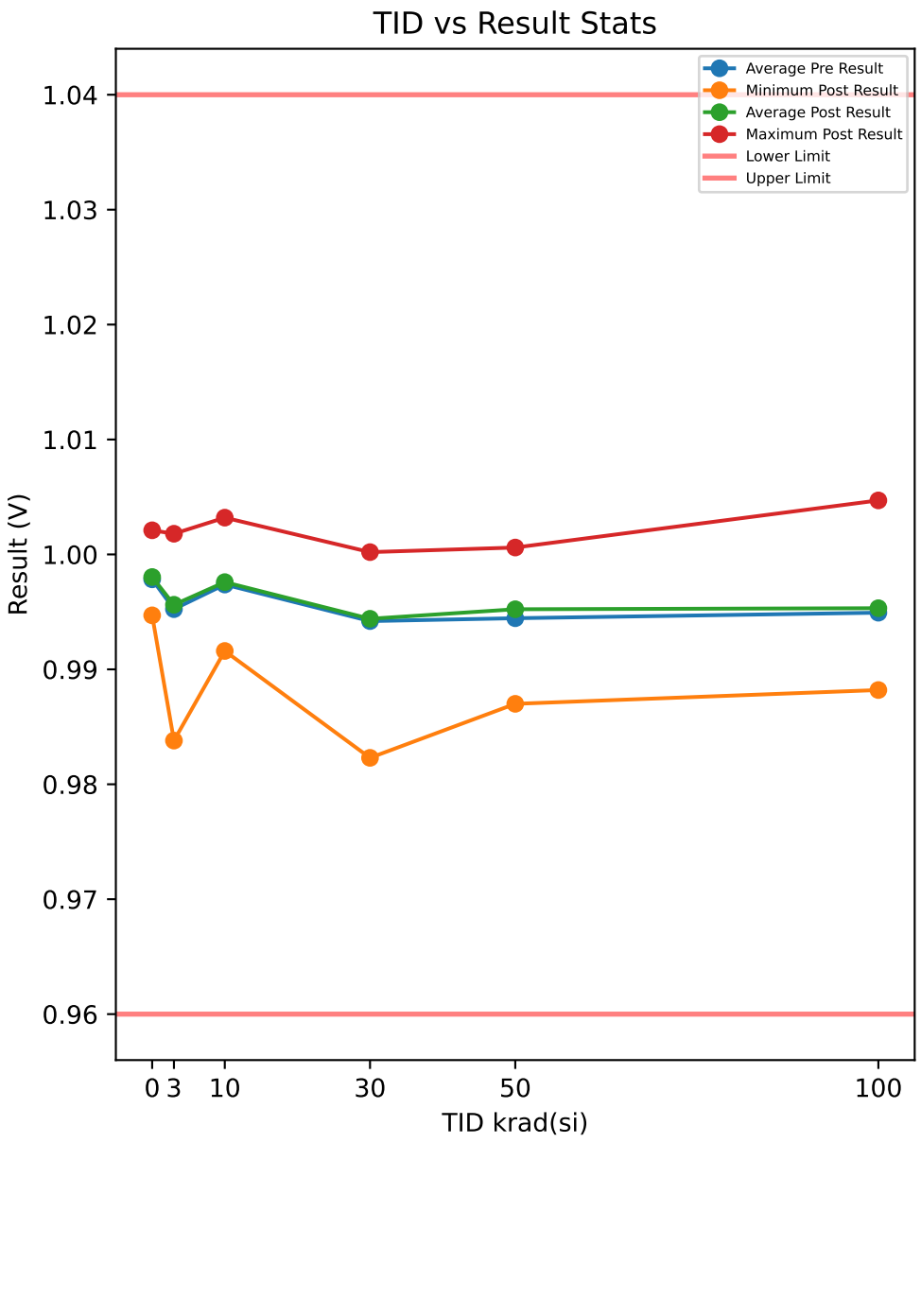
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

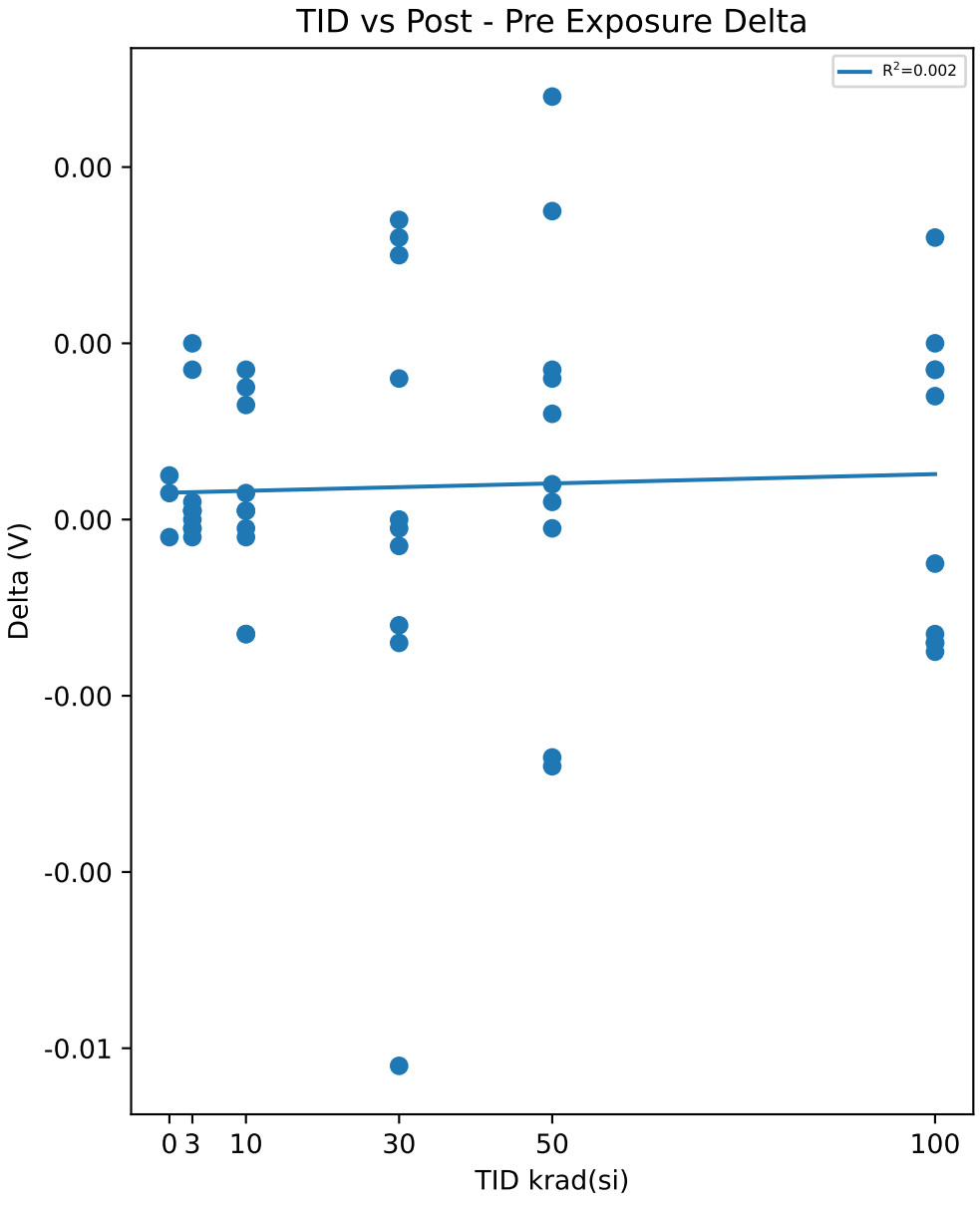
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9943	0.9961	0.0018
2	3	HDR BIAS	1.0005	1.0023	0.0018
3	3	HDR BIAS	1.002	1.0021	0.0001
4	3	HDR BIAS	0.9928	0.993	0.0002
5	3	HDR BIAS	0.9898	0.9901	0.0003
6	3	HDR UNBIAS	0.9839	0.984	0.0001
7	3	HDR UNBIAS	0.9988	0.9976	-0.0012
8	3	HDR UNBIAS	0.9959	0.9963	0.0004
9	3	HDR UNBIAS	1.0005	0.9988	-0.0017
10	3	HDR UNBIAS	0.9973	0.9991	0.0018
11	10	HDR BIAS	0.9944	0.996	0.0016
12	10	HDR BIAS	0.9943	0.9945	0.0002
13	10	HDR BIAS	1.0004	1.0005	0.0001
14	10	HDR BIAS	0.9973	0.9961	-0.0012
15	10	HDR BIAS	0.9912	0.9916	0.0004
16	10	HDR UNBIAS	1.0018	1.0036	0.0018
17	10	HDR UNBIAS	1.0018	1.0023	0.0005
18	10	HDR UNBIAS	0.9955	0.9958	0.0003
19	10	HDR UNBIAS	0.9958	0.9958	0
20	10	HDR UNBIAS	0.9991	1.0006	0.0015
31	30	HDR BIAS	1.0005	1.0002	-0.0003
32	30	HDR BIAS	0.993	0.993	0
33	30	HDR BIAS	0.9928	0.9943	0.0015
34	30	HDR BIAS	0.9973	1.0003	0.003
35	30	HDR BIAS	0.99	0.993	0.003
36	30	HDR UNBIAS	0.9822	0.9823	0.0001
37	30	HDR UNBIAS	0.9959	0.996	0.0001
38	30	HDR UNBIAS	0.9959	0.9978	0.0019
39	30	HDR UNBIAS	1.0005	0.9945	-0.006
40	30	HDR UNBIAS	0.9945	0.9927	-0.0018
41	50	HDR BIAS	0.9899	0.9872	-0.0027
42	50	HDR BIAS	0.9883	0.9886	0.0003
43	50	HDR BIAS	0.9914	0.9927	0.0013
44	50	HDR BIAS	0.9974	0.9991	0.0017
45	50	HDR BIAS	0.9958	0.9988	0.003
46	50	HDR UNBIAS	0.9868	0.9927	0.0059
47	50	HDR UNBIAS	0.999	0.9989	-0.0001
48	50	HDR UNBIAS	0.9945	0.9943	-0.0002
49	50	HDR UNBIAS	0.9972	0.9991	0.0019
50	50	HDR UNBIAS	1.0034	1.0005	-0.0029
51	100	HDR BIAS	1.0005	1.002	0.0015
52	100	HDR BIAS	0.9942	0.9956	0.0014
53	100	HDR BIAS	0.9975	0.9993	0.0018
54	100	HDR BIAS	1.0033	1.0047	0.0014
55	100	HDR BIAS	0.99	0.9887	-0.0013
56	100	HDR UNBIAS	0.9914	0.9901	-0.0013
57	100	HDR UNBIAS	0.9972	0.996	-0.0012
58	100	HDR UNBIAS	0.9898	0.9917	0.0019
59	100	HDR UNBIAS	0.996	0.9976	0.0016
60	100	HDR UNBIAS	0.9928	0.9883	-0.0045
71	0	CORRELATION	1.0018	1.002	0.0002
72	0	CORRELATION	0.9945	0.9946	0.0001
73	0	CORRELATION	0.9972	0.9973	0.0001

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	0.9945	0.99783	1.0018	0.003691	0.9946	0.99797	1.002	0.0037448	0.0001	0.00013333	0.0002	5.7735e-05
3	0.9839	0.99558	1.002	0.0056002	0.984	0.99594	1.0023	0.0056252	-0.0017	0.00036	0.0018	0.0012048
10	0.9912	0.99716	1.0018	0.0035475	0.9916	0.99768	1.0036	0.0038346	-0.0012	0.00052	0.0018	0.00090284
30	0.9822	0.99426	1.0005	0.0053734	0.9823	0.99441	1.0003	0.0051187	-0.006	0.00015	0.003	0.0026454
50	0.9868	0.99437	1.0034	0.0052194	0.9872	0.99519	1.0005	0.0047846	-0.0029	0.00082	0.0059	0.0026059
100	0.9898	0.99527	1.0033	0.0044843	0.9883	0.9954	1.0047	0.0056527	-0.0045	0.00013	0.0019	0.0021208

Device Test: 28.11 VOLTAGE|OC/CS/12/12/0/0/5/100kHz//@V_CS_ILIM_OC





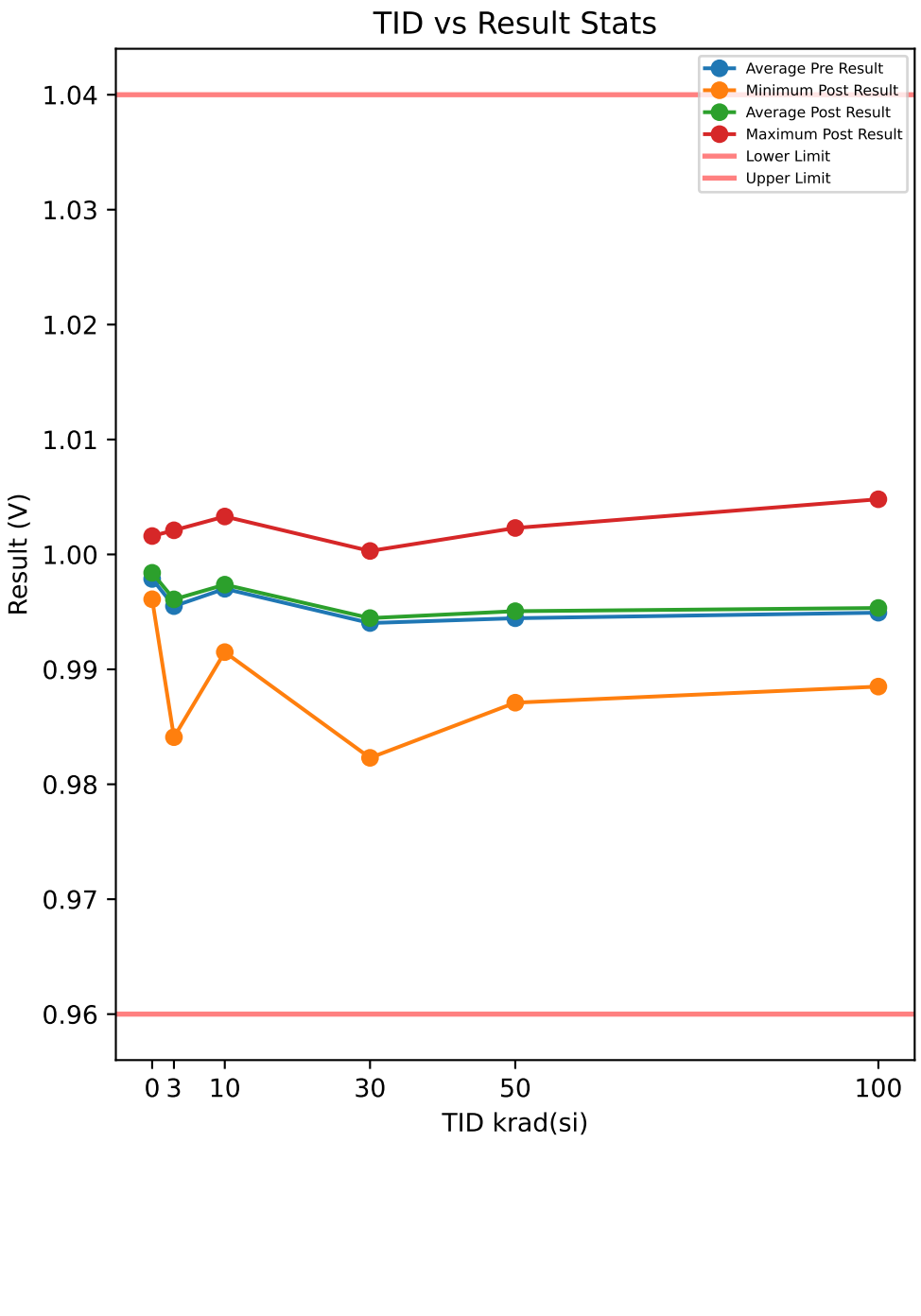
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

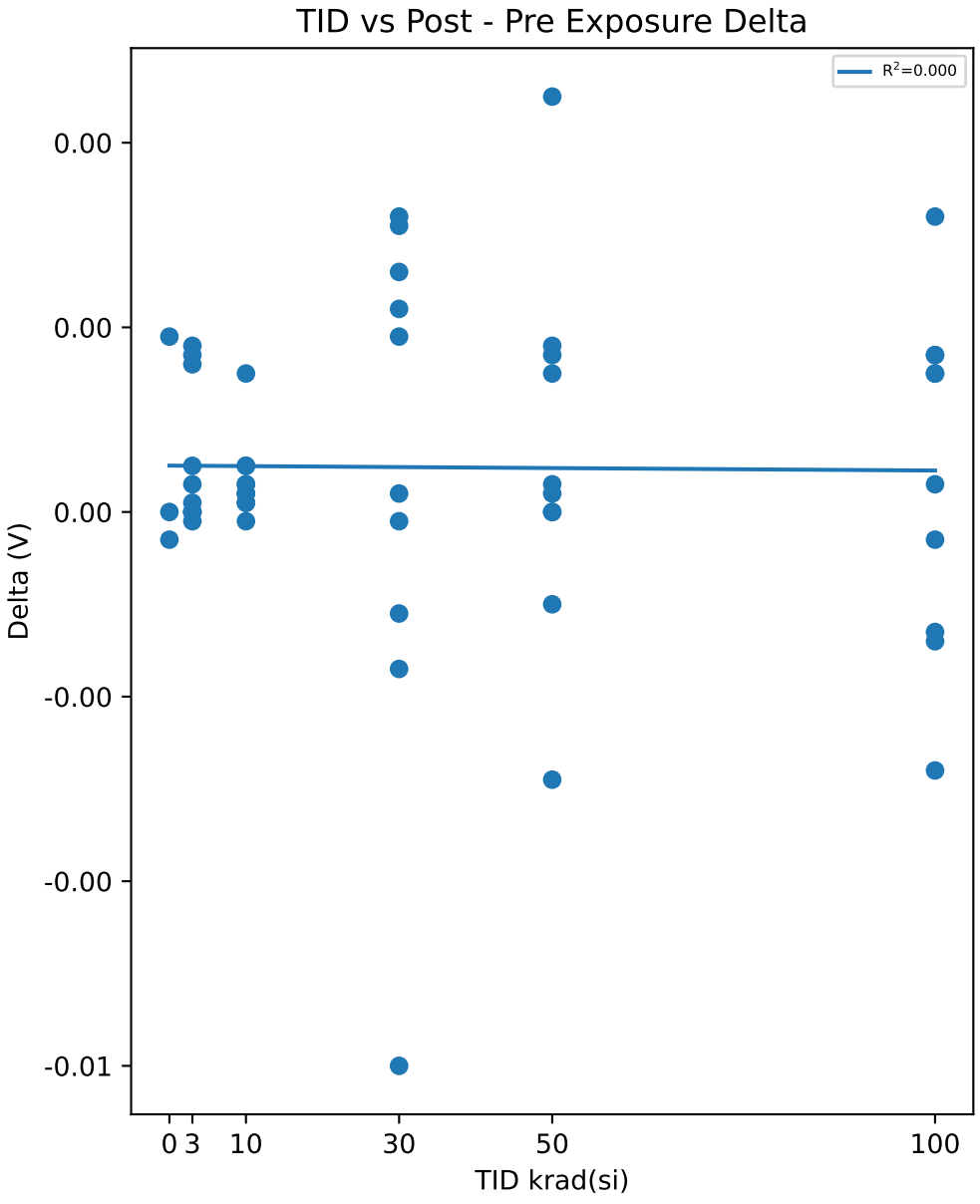
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9943	0.996	0.0017
2	3	HDR BIAS	1.0005	1.0006	0.0001
3	3	HDR BIAS	1.002	1.0018	-0.0002
4	3	HDR BIAS	0.9929	0.993	0.0001
5	3	HDR BIAS	0.9899	0.99	0.0001
6	3	HDR UNBIAS	0.9839	0.9838	-0.0001
7	3	HDR UNBIAS	0.9973	0.9972	-0.0001
8	3	HDR UNBIAS	0.9958	0.996	0.0002
9	3	HDR UNBIAS	0.9988	0.9988	0
10	3	HDR UNBIAS	0.997	0.999	0.002
11	10	HDR BIAS	0.9943	0.996	0.0017
12	10	HDR BIAS	0.9945	0.9943	-0.0002
13	10	HDR BIAS	1.0004	0.9991	-0.0013
14	10	HDR BIAS	0.9989	0.9976	-0.0013
15	10	HDR BIAS	0.9913	0.9916	0.0003
16	10	HDR UNBIAS	1.0019	1.0032	0.0013
17	10	HDR UNBIAS	1.0019	1.002	0.0001
18	10	HDR UNBIAS	0.9959	0.9958	-0.0001
19	10	HDR UNBIAS	0.9958	0.9973	0.0015
20	10	HDR UNBIAS	0.9989	0.999	0.0001
31	30	HDR BIAS	1.0005	1.0002	-0.0003
32	30	HDR BIAS	0.9944	0.993	-0.0014
33	30	HDR BIAS	0.9911	0.9945	0.0034
34	30	HDR BIAS	0.9972	1.0002	0.003
35	30	HDR BIAS	0.9899	0.9931	0.0032
36	30	HDR UNBIAS	0.9823	0.9823	0
37	30	HDR UNBIAS	0.9959	0.9958	-0.0001
38	30	HDR UNBIAS	0.9959	0.9975	0.0016
39	30	HDR UNBIAS	1.0005	0.9943	-0.0062
40	30	HDR UNBIAS	0.9943	0.9931	-0.0012
41	50	HDR BIAS	0.9897	0.987	-0.0027
42	50	HDR BIAS	0.9884	0.9883	-0.0001
43	50	HDR BIAS	0.9927	0.9931	0.0004
44	50	HDR BIAS	0.9974	0.999	0.0016
45	50	HDR BIAS	0.9955	0.999	0.0035
46	50	HDR UNBIAS	0.9868	0.9916	0.0048
47	50	HDR UNBIAS	0.9988	1.0005	0.0017
48	50	HDR UNBIAS	0.9943	0.9945	0.0002
49	50	HDR UNBIAS	0.9975	0.9987	0.0012
50	50	HDR UNBIAS	1.0034	1.0006	-0.0028
51	100	HDR BIAS	1.0003	1.002	0.0017
52	100	HDR BIAS	0.9945	0.9977	0.0032
53	100	HDR BIAS	0.9973	0.999	0.0017
54	100	HDR BIAS	1.0033	1.0047	0.0014
55	100	HDR BIAS	0.9897	0.9882	-0.0015
56	100	HDR UNBIAS	0.9898	0.9884	-0.0014
57	100	HDR UNBIAS	0.9975	0.9961	-0.0014
58	100	HDR UNBIAS	0.9902	0.9897	-0.0005
59	100	HDR UNBIAS	0.9956	0.9976	0.002
60	100	HDR UNBIAS	0.9911	0.9898	-0.0013
71	0	CORRELATION	1.0016	1.0021	0.0005
72	0	CORRELATION	0.9944	0.9947	0.0003
73	0	CORRELATION	0.9975	0.9973	-0.0002

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	0.9944	0.99783	1.0016	0.0036116	0.9947	0.99803	1.0021	0.0037541	-0.0002	0.0002	0.0005	0.00036056
3	0.9839	0.99524	1.002	0.0053454	0.9838	0.99562	1.0018	0.0054311	-0.0002	0.00038	0.002	0.00078712
10	0.9913	0.99738	1.0019	0.0035596	0.9916	0.99759	1.0032	0.0034594	-0.0013	0.00021	0.0017	0.0010503
30	0.9823	0.9942	1.0005	0.0054152	0.9823	0.9944	1.0002	0.0050621	-0.0062	0.0002	0.0034	0.0028848
50	0.9868	0.99445	1.0034	0.0051522	0.987	0.99523	1.0006	0.0050671	-0.0028	0.00078	0.0048	0.0023906
100	0.9897	0.99493	1.0033	0.004743	0.9882	0.99532	1.0047	0.0059466	-0.0015	0.00039	0.0032	0.0017817

Device Test: 28.12 VOLTAGE|OC/CS/14/14/0/0/5/100kHz//@V_CS_ILIM_OC





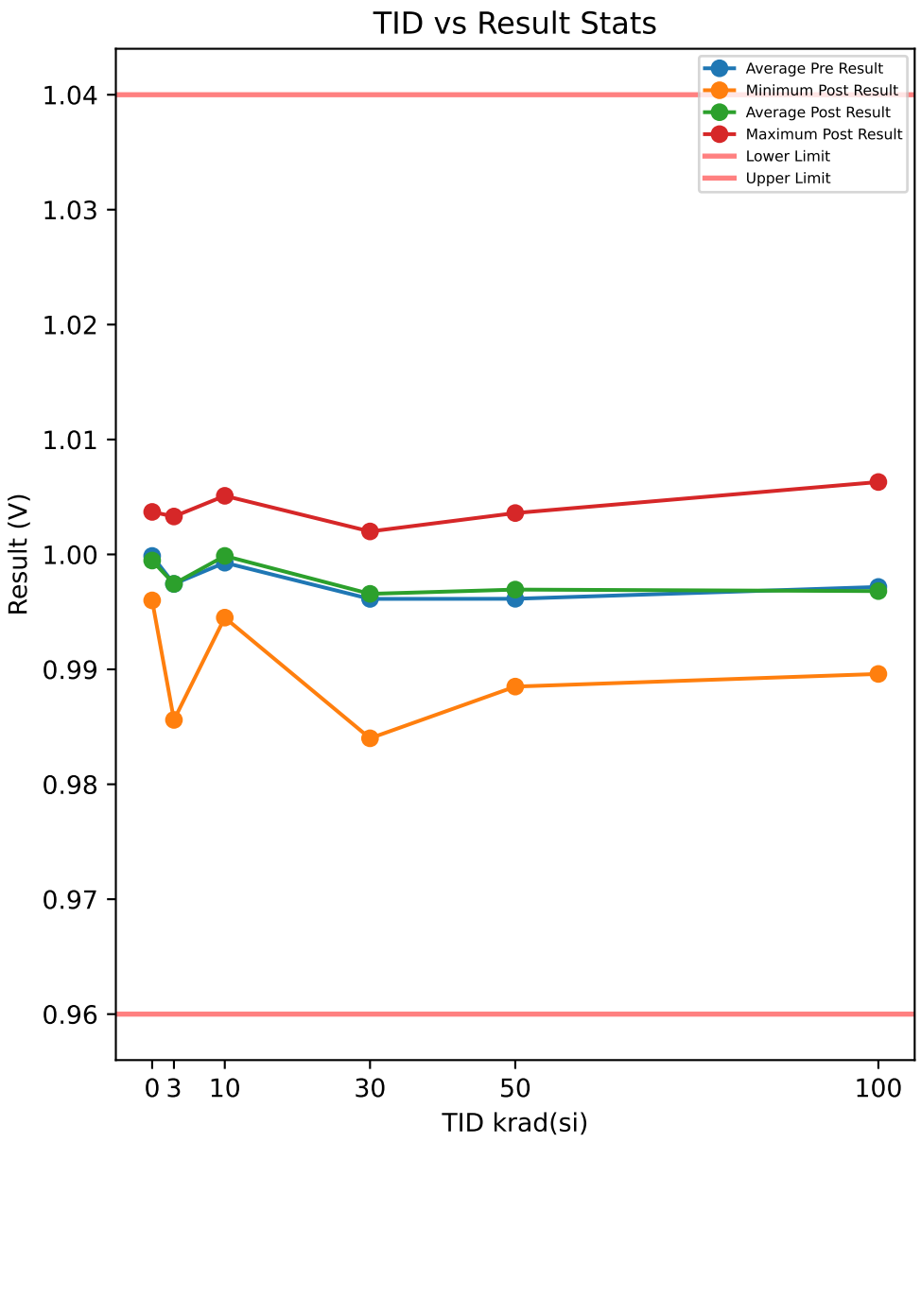
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

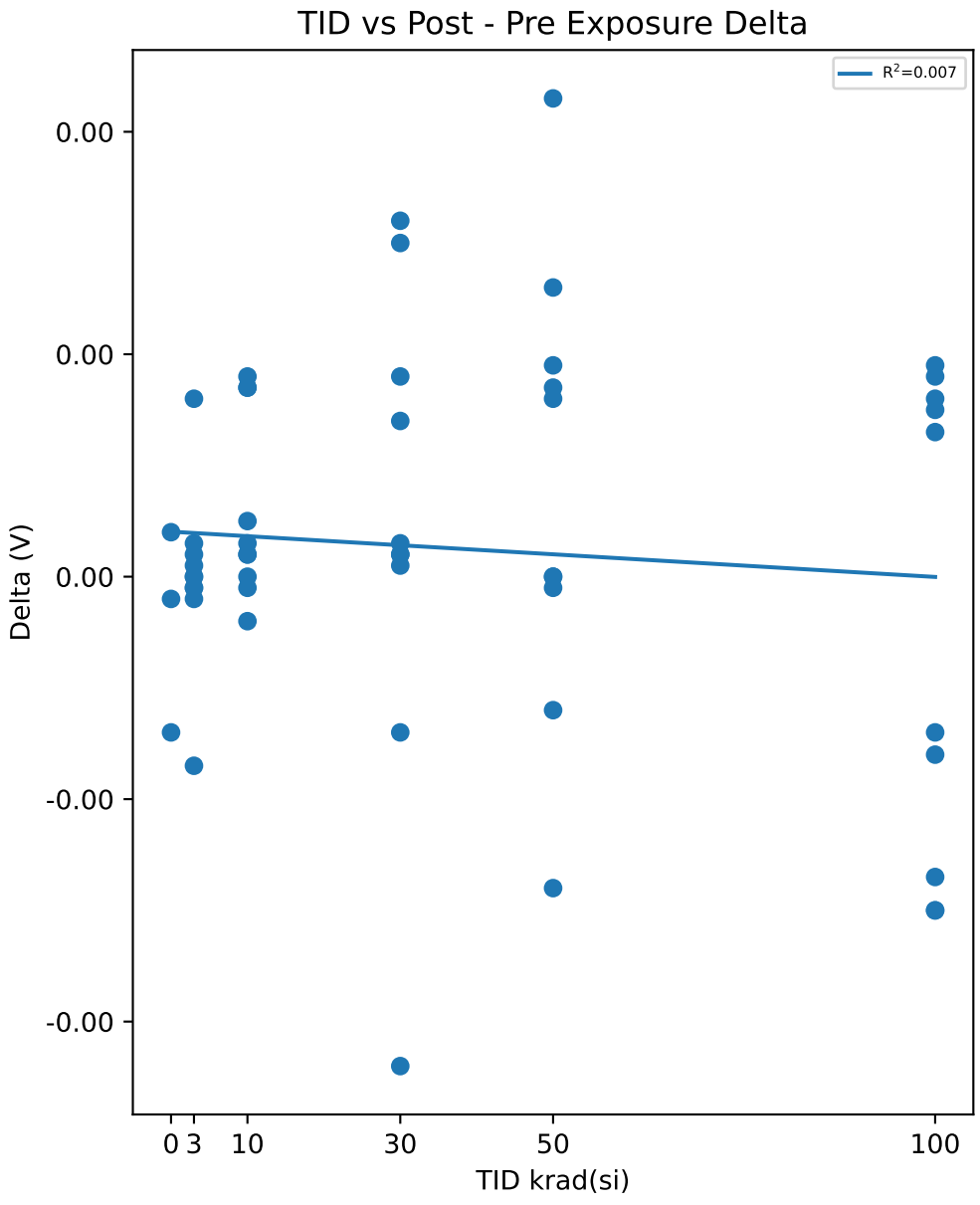
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9943	0.996	0.0017
2	3	HDR BIAS	1.0005	1.0021	0.0016
3	3	HDR BIAS	1.002	1.002	0
4	3	HDR BIAS	0.9928	0.9928	0
5	3	HDR BIAS	0.9897	0.9915	0.0018
6	3	HDR UNBIAS	0.9838	0.9841	0.0003
7	3	HDR UNBIAS	0.9989	0.9988	-0.0001
8	3	HDR UNBIAS	0.9955	0.996	0.0005
9	3	HDR UNBIAS	0.9987	0.9988	0.0001
10	3	HDR UNBIAS	0.9988	0.9988	0
11	10	HDR BIAS	0.9944	0.9947	0.0003
12	10	HDR BIAS	0.9943	0.9946	0.0003
13	10	HDR BIAS	0.999	0.9991	0.0001
14	10	HDR BIAS	0.9974	0.9976	0.0002
15	10	HDR BIAS	0.9914	0.9915	0.0001
16	10	HDR UNBIAS	1.0018	1.0033	0.0015
17	10	HDR UNBIAS	1.0019	1.0021	0.0002
18	10	HDR UNBIAS	0.9955	0.996	0.0005
19	10	HDR UNBIAS	0.9958	0.9957	-0.0001
20	10	HDR UNBIAS	0.9986	0.9991	0.0005
31	30	HDR BIAS	1.0004	0.9987	-0.0017
32	30	HDR BIAS	0.9928	0.993	0.0002
33	30	HDR BIAS	0.9913	0.9945	0.0032
34	30	HDR BIAS	0.9977	1.0003	0.0026
35	30	HDR BIAS	0.9898	0.9929	0.0031
36	30	HDR UNBIAS	0.9824	0.9823	-0.0001
37	30	HDR UNBIAS	0.9957	0.9976	0.0019
38	30	HDR UNBIAS	0.9956	0.9978	0.0022
39	30	HDR UNBIAS	1.0003	0.9943	-0.006
40	30	HDR UNBIAS	0.9943	0.9932	-0.0011
41	50	HDR BIAS	0.99	0.9871	-0.0029
42	50	HDR BIAS	0.9883	0.9883	0
43	50	HDR BIAS	0.9928	0.9928	0
44	50	HDR BIAS	0.9974	0.9991	0.0017
45	50	HDR BIAS	0.9955	0.9973	0.0018
46	50	HDR UNBIAS	0.9868	0.9913	0.0045
47	50	HDR UNBIAS	0.9988	0.9991	0.0003
48	50	HDR UNBIAS	0.9943	0.9945	0.0002
49	50	HDR UNBIAS	0.9973	0.9988	0.0015
50	50	HDR UNBIAS	1.0033	1.0023	-0.001
51	100	HDR BIAS	1.0003	1.0035	0.0032
52	100	HDR BIAS	0.9943	0.9958	0.0015
53	100	HDR BIAS	0.9973	0.999	0.0017
54	100	HDR BIAS	1.0033	1.0048	0.0015
55	100	HDR BIAS	0.9899	0.9886	-0.0013
56	100	HDR UNBIAS	0.9897	0.99	0.0003
57	100	HDR UNBIAS	0.9974	0.996	-0.0014
58	100	HDR UNBIAS	0.99	0.9897	-0.0003
59	100	HDR UNBIAS	0.9958	0.9975	0.0017
60	100	HDR UNBIAS	0.9913	0.9885	-0.0028
71	0	CORRELATION	1.0019	1.0016	-0.0003
72	0	CORRELATION	0.9942	0.9961	0.0019
73	0	CORRELATION	0.9975	0.9975	0

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	0.9942	0.99787	1.0019	0.0038631	0.9961	0.9984	1.0016	0.0028583	-0.0003	0.00053333	0.0019	0.001193
3	0.9838	0.9955	1.002	0.0055698	0.9841	0.99609	1.0021	0.0054645	-0.0001	0.00059	0.0018	0.00078662
10	0.9914	0.99701	1.0019	0.0033808	0.9915	0.99737	1.0033	0.0036133	-0.0001	0.00036	0.0015	0.0004402
30	0.9824	0.99403	1.0004	0.0053831	0.9823	0.99446	1.0003	0.0050238	-0.006	0.00043	0.0032	0.002855
50	0.9868	0.99445	1.0033	0.0050997	0.9871	0.99506	1.0023	0.0050847	-0.0029	0.00061	0.0045	0.0019564
100	0.9897	0.99493	1.0033	0.0047364	0.9885	0.99534	1.0048	0.0060307	-0.0028	0.00041	0.0032	0.0018412

Device Test: 28.13 VOLTAGE|OC/CS/4.5/4.5/0/0/4.5/500kHz//@V_CS_ILIM_OC





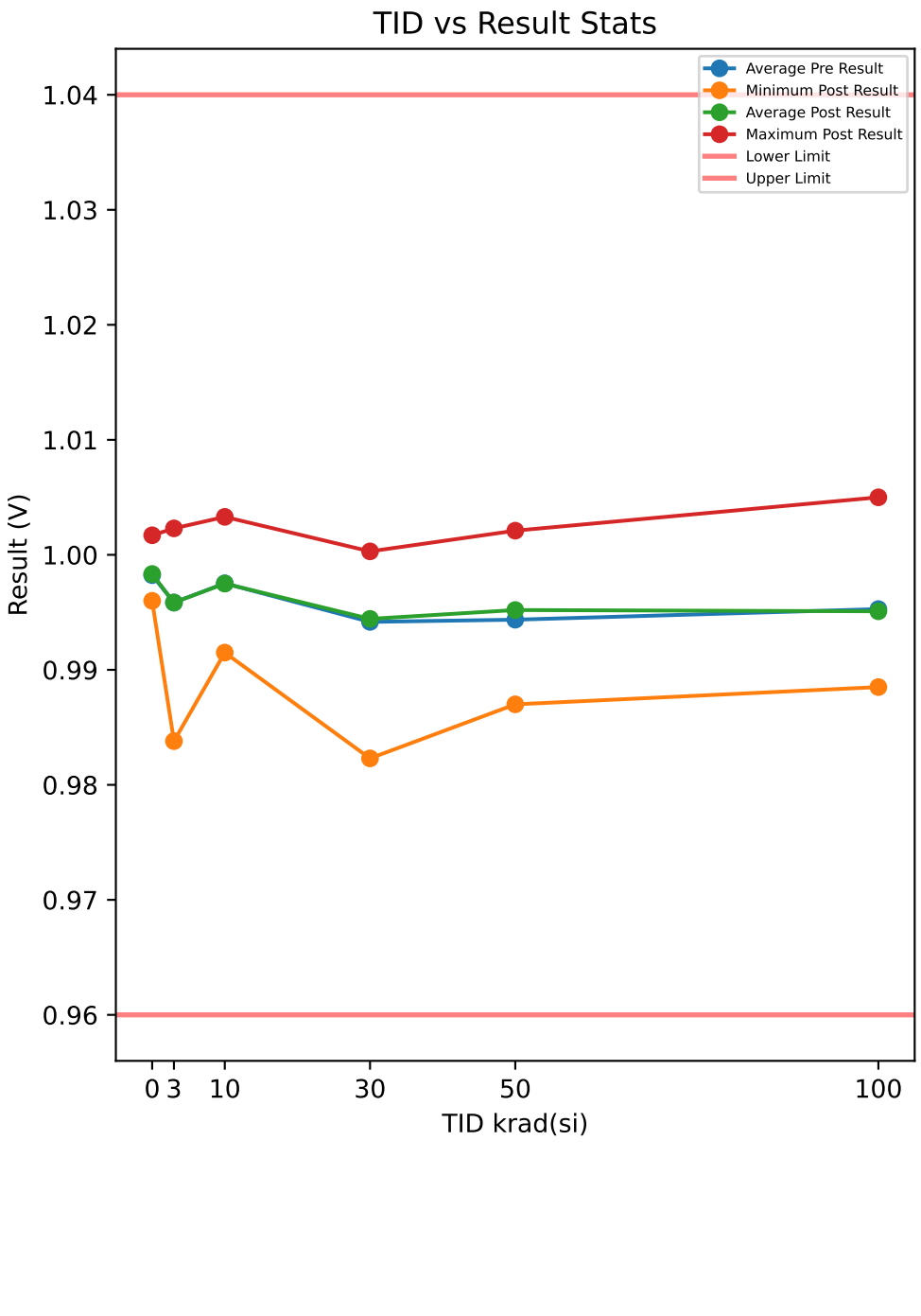
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

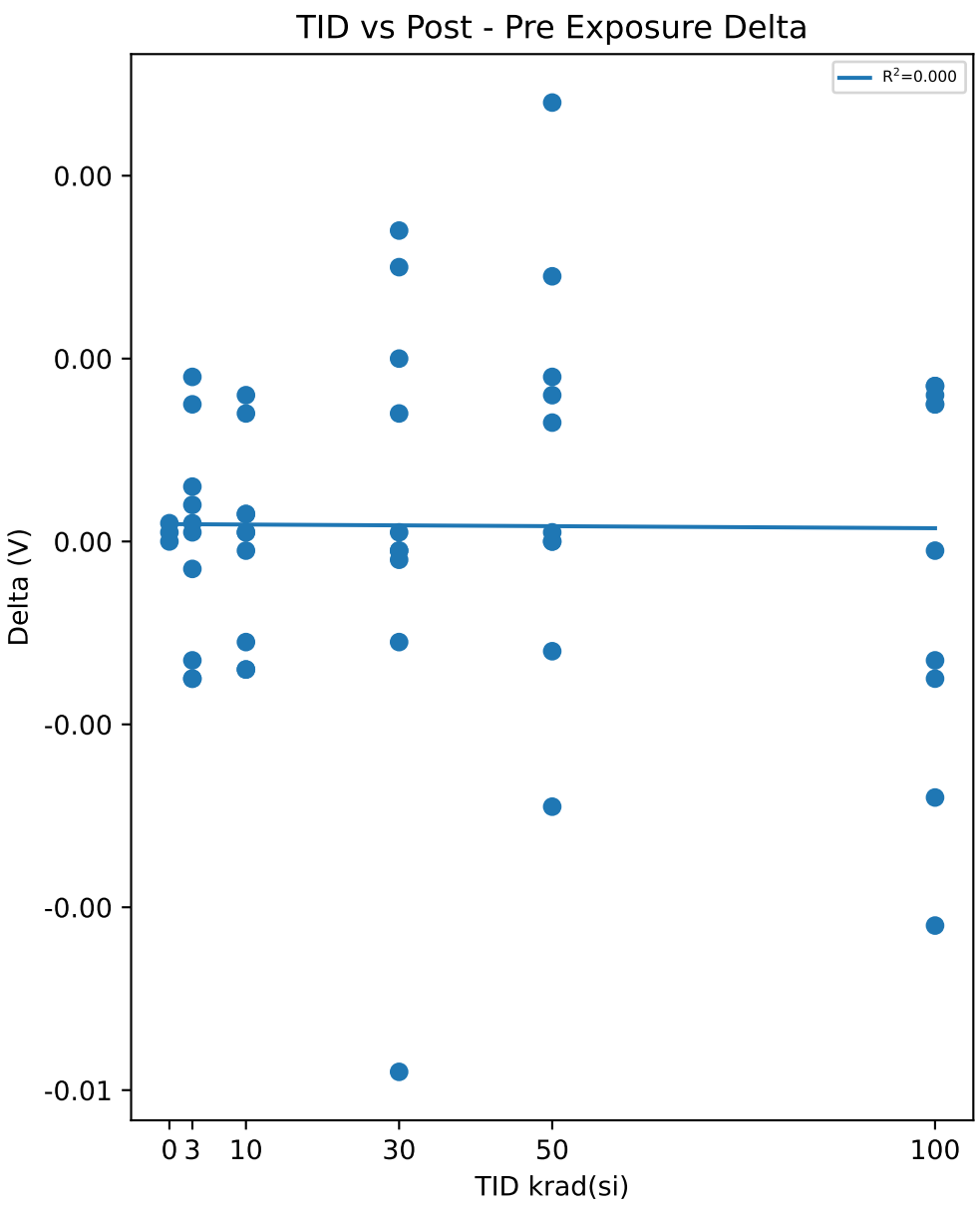
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9957	0.9973	0.0016
2	3	HDR BIAS	1.0019	1.002	0.0001
3	3	HDR BIAS	1.005	1.0033	-0.0017
4	3	HDR BIAS	0.9944	0.9946	0.0002
5	3	HDR BIAS	0.9928	0.9931	0.0003
6	3	HDR UNBIAS	0.9857	0.9856	-0.0001
7	3	HDR UNBIAS	1.0003	1.0002	-0.0001
8	3	HDR UNBIAS	0.999	0.999	0
9	3	HDR UNBIAS	1.0005	1.0005	0
10	3	HDR UNBIAS	0.999	0.9988	-0.0002
11	10	HDR BIAS	0.9973	0.999	0.0017
12	10	HDR BIAS	0.9957	0.996	0.0003
13	10	HDR BIAS	1.002	1.0016	-0.0004
14	10	HDR BIAS	1.0003	1.0005	0.0002
15	10	HDR BIAS	0.9928	0.9945	0.0017
16	10	HDR UNBIAS	1.0033	1.0051	0.0018
17	10	HDR UNBIAS	1.0033	1.0038	0.0005
18	10	HDR UNBIAS	0.9973	0.9973	0
19	10	HDR UNBIAS	0.9989	0.9988	-0.0001
20	10	HDR UNBIAS	1.0019	1.0021	0.0002
31	30	HDR BIAS	1.0018	1.002	0.0002
32	30	HDR BIAS	0.9959	0.996	0.0001
33	30	HDR BIAS	0.9942	0.996	0.0018
34	30	HDR BIAS	1.0003	1.0017	0.0014
35	30	HDR BIAS	0.9914	0.9946	0.0032
36	30	HDR UNBIAS	0.9854	0.984	-0.0014
37	30	HDR UNBIAS	0.9974	0.9976	0.0002
38	30	HDR UNBIAS	0.9975	1.0005	0.003
39	30	HDR UNBIAS	1.0017	0.9973	-0.0044
40	30	HDR UNBIAS	0.9957	0.996	0.0003
41	50	HDR BIAS	0.9913	0.9885	-0.0028
42	50	HDR BIAS	0.9898	0.9915	0.0017
43	50	HDR BIAS	0.9942	0.9941	-0.0001
44	50	HDR BIAS	0.999	0.999	0
45	50	HDR BIAS	0.9987	1.0003	0.0016
46	50	HDR UNBIAS	0.9885	0.9928	0.0043
47	50	HDR UNBIAS	1.0004	1.0004	0
48	50	HDR UNBIAS	0.9957	0.9976	0.0019
49	50	HDR UNBIAS	0.999	1.0016	0.0026
50	50	HDR UNBIAS	1.0048	1.0036	-0.0012
51	100	HDR BIAS	1.0017	1.0036	0.0019
52	100	HDR BIAS	0.9973	0.9988	0.0015
53	100	HDR BIAS	0.9988	1.0006	0.0018
54	100	HDR BIAS	1.005	1.0063	0.0013
55	100	HDR BIAS	0.9912	0.9896	-0.0016
56	100	HDR UNBIAS	0.993	0.99	-0.003
57	100	HDR UNBIAS	1.0003	0.9976	-0.0027
58	100	HDR UNBIAS	0.9927	0.9913	-0.0014
59	100	HDR UNBIAS	0.9974	0.999	0.0016
60	100	HDR UNBIAS	0.9943	0.9913	-0.003
71	0	CORRELATION	1.0033	1.0037	0.0004
72	0	CORRELATION	0.9974	0.996	-0.0014
73	0	CORRELATION	0.9989	0.9987	-0.0002

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	0.9974	0.99987	1.0033	0.0030665	0.996	0.99947	1.0037	0.0039068	-0.0014	-0.0004	0.0004	0.00091652
3	0.9857	0.99743	1.005	0.0054882	0.9856	0.99744	1.0033	0.0052015	-0.0017	1e-05	0.0016	0.00079225
10	0.9928	0.99928	1.0033	0.0035026	0.9945	0.99987	1.0051	0.0033909	-0.0004	0.00059	0.0018	0.00082523
30	0.9854	0.99613	1.0018	0.0050058	0.984	0.99657	1.002	0.0051175	-0.0044	0.00044	0.0032	0.0022112
50	0.9885	0.99614	1.0048	0.0051855	0.9885	0.99694	1.0036	0.0049446	-0.0028	0.0008	0.0043	0.0020331
100	0.9912	0.99717	1.005	0.0044172	0.9896	0.99681	1.0063	0.0059534	-0.003	-0.00036	0.0019	0.0021567

Device Test: 28.14 VOLTAGE|OC/CS/5/5/0/0/5/500kHz//@V_CS_ILIM_OC





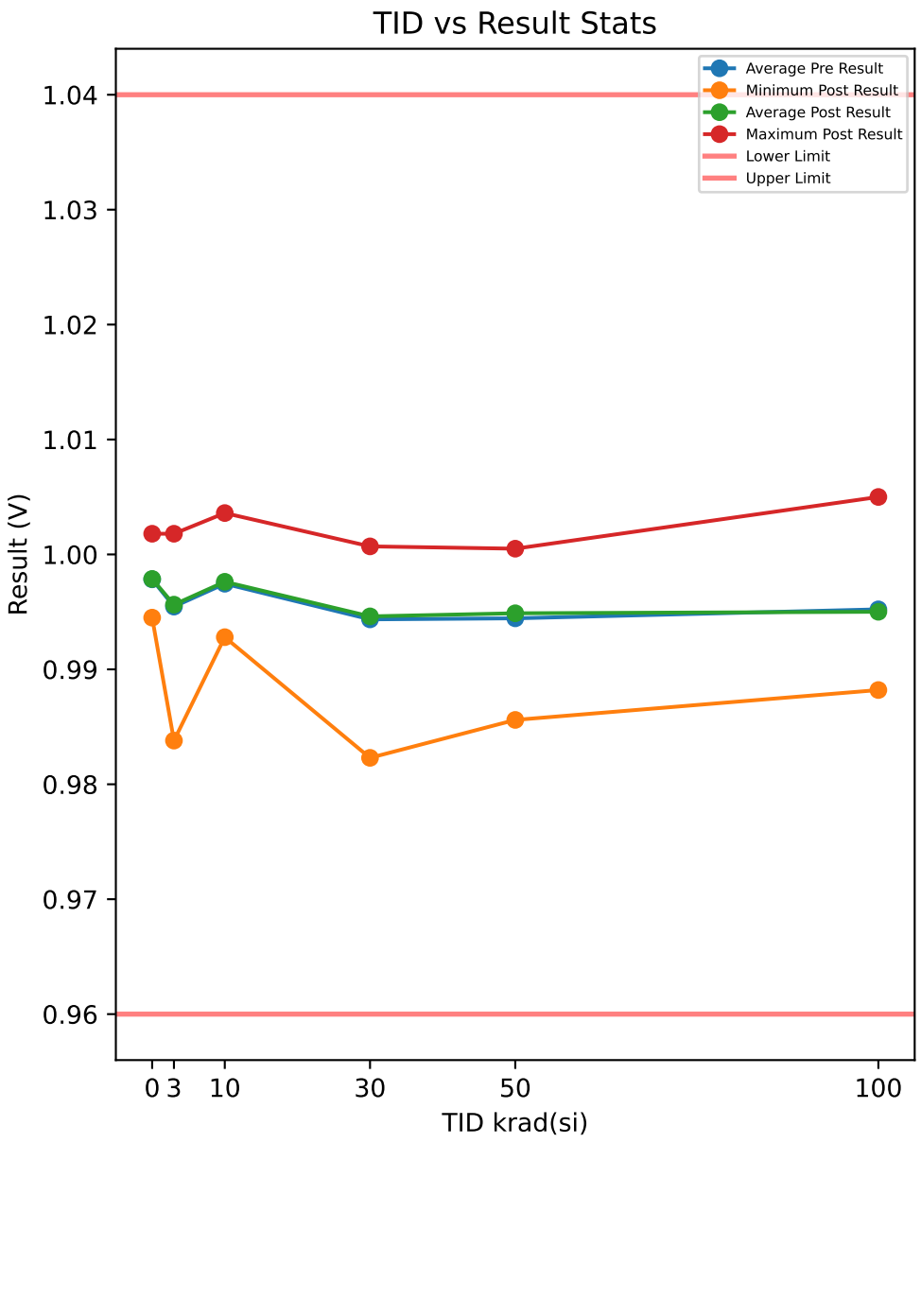
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

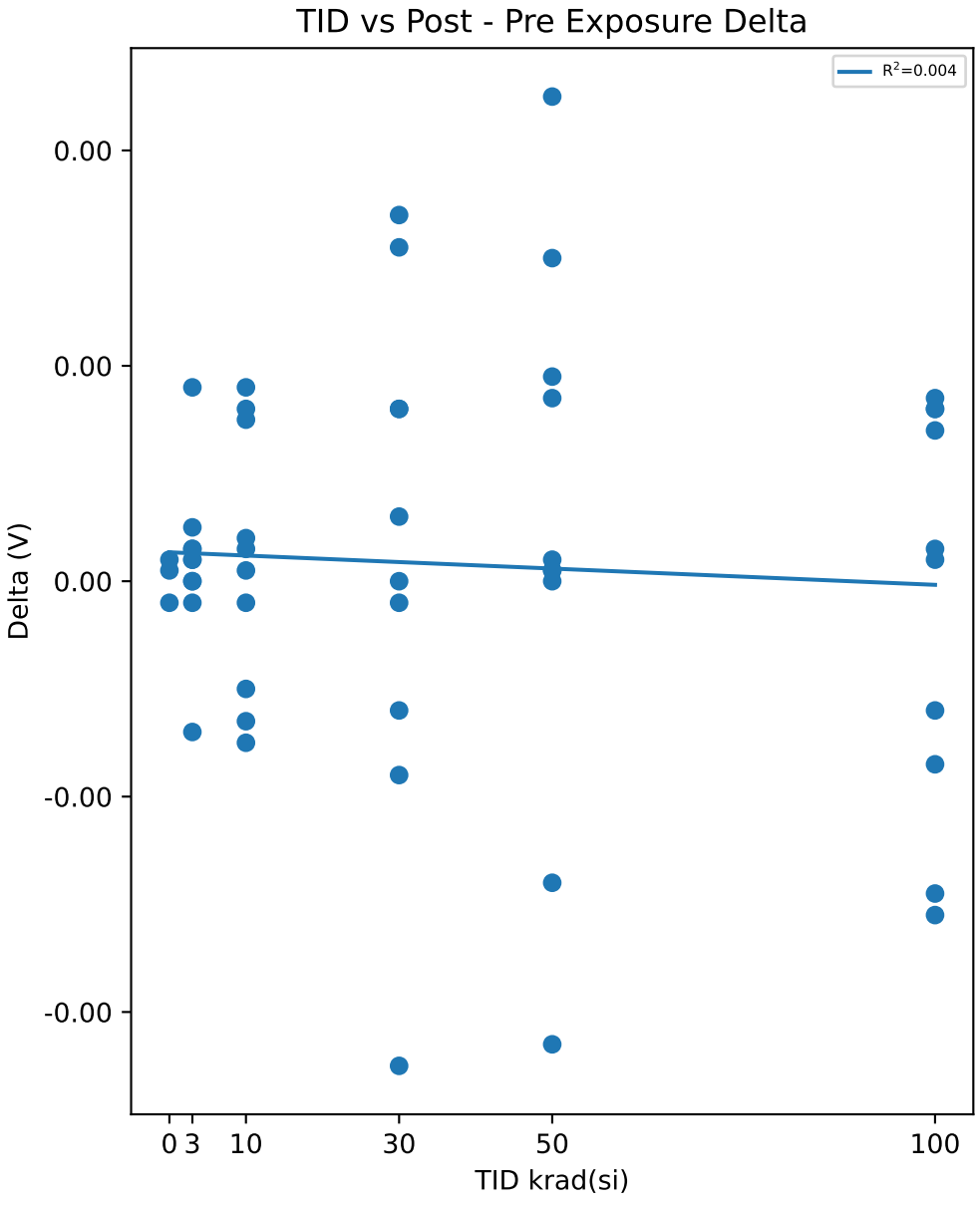
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9955	0.9961	0.0006
2	3	HDR BIAS	1.0005	1.0023	0.0018
3	3	HDR BIAS	1.0017	1.0021	0.0004
4	3	HDR BIAS	0.9929	0.993	0.0001
5	3	HDR BIAS	0.9913	0.99	-0.0013
6	3	HDR UNBIAS	0.9841	0.9838	-0.0003
7	3	HDR UNBIAS	0.9988	0.9973	-0.0015
8	3	HDR UNBIAS	0.9959	0.9961	0.0002
9	3	HDR UNBIAS	1.0005	0.999	-0.0015
10	3	HDR UNBIAS	0.9973	0.9988	0.0015
11	10	HDR BIAS	0.9944	0.9947	0.0003
12	10	HDR BIAS	0.9944	0.9943	-0.0001
13	10	HDR BIAS	0.9989	0.999	0.0001
14	10	HDR BIAS	0.999	0.9976	-0.0014
15	10	HDR BIAS	0.9912	0.9915	0.0003
16	10	HDR UNBIAS	1.0019	1.0033	0.0014
17	10	HDR UNBIAS	1.0034	1.0023	-0.0011
18	10	HDR UNBIAS	0.9959	0.996	0.0001
19	10	HDR UNBIAS	0.9972	0.9958	-0.0014
20	10	HDR UNBIAS	0.9989	1.0005	0.0016
31	30	HDR BIAS	1.0004	1.0003	-0.0001
32	30	HDR BIAS	0.9929	0.993	0.0001
33	30	HDR BIAS	0.9929	0.9943	0.0014
34	30	HDR BIAS	0.9972	1.0002	0.003
35	30	HDR BIAS	0.9897	0.9931	0.0034
36	30	HDR UNBIAS	0.9824	0.9823	-0.0001
37	30	HDR UNBIAS	0.9959	0.9957	-0.0002
38	30	HDR UNBIAS	0.9958	0.9978	0.002
39	30	HDR UNBIAS	1.0003	0.9945	-0.0058
40	30	HDR UNBIAS	0.9942	0.9931	-0.0011
41	50	HDR BIAS	0.9899	0.987	-0.0029
42	50	HDR BIAS	0.9883	0.9883	0
43	50	HDR BIAS	0.9914	0.9927	0.0013
44	50	HDR BIAS	0.9975	0.9975	0
45	50	HDR BIAS	0.9958	0.9987	0.0029
46	50	HDR UNBIAS	0.9868	0.9916	0.0048
47	50	HDR UNBIAS	0.9989	1.0005	0.0016
48	50	HDR UNBIAS	0.9944	0.9945	0.0001
49	50	HDR UNBIAS	0.9973	0.9991	0.0018
50	50	HDR UNBIAS	1.0033	1.0021	-0.0012
51	100	HDR BIAS	1.0005	1.002	0.0015
52	100	HDR BIAS	0.9945	0.9961	0.0016
53	100	HDR BIAS	0.9974	0.9991	0.0017
54	100	HDR BIAS	1.0033	1.005	0.0017
55	100	HDR BIAS	0.9899	0.9886	-0.0013
56	100	HDR UNBIAS	0.9914	0.9886	-0.0028
57	100	HDR UNBIAS	0.9973	0.9958	-0.0015
58	100	HDR UNBIAS	0.9899	0.9898	-0.0001
59	100	HDR UNBIAS	0.9959	0.9974	0.0015
60	100	HDR UNBIAS	0.9927	0.9885	-0.0042
71	0	CORRELATION	1.0016	1.0017	0.0001
72	0	CORRELATION	0.9958	0.996	0.0002
73	0	CORRELATION	0.9973	0.9973	0

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	0.9958	0.99823	1.0016	0.0030105	0.996	0.99833	1.0017	0.0029872	0	0.0001	0.0002	0.0001
3	0.9841	0.99585	1.0017	0.0053319	0.9838	0.99585	1.0023	0.0056673	-0.0015	0	0.0018	0.0011709
10	0.9912	0.99752	1.0034	0.0036802	0.9915	0.9975	1.0033	0.0037588	-0.0014	-2e-05	0.0016	0.0010465
30	0.9824	0.99417	1.0004	0.0053016	0.9823	0.99443	1.0003	0.0050931	-0.0058	0.00026	0.0034	0.0025984
50	0.9868	0.99436	1.0033	0.005203	0.987	0.9952	1.0021	0.0051962	-0.0029	0.00084	0.0048	0.0021537
100	0.9899	0.99528	1.0033	0.0044813	0.9885	0.99509	1.005	0.0060051	-0.0042	-0.00019	0.0017	0.0021579

Device Test: 28.15 VOLTAGE|OC/CS/12/12/0/0/5/500kHz//@V_CS_ILIM_OC





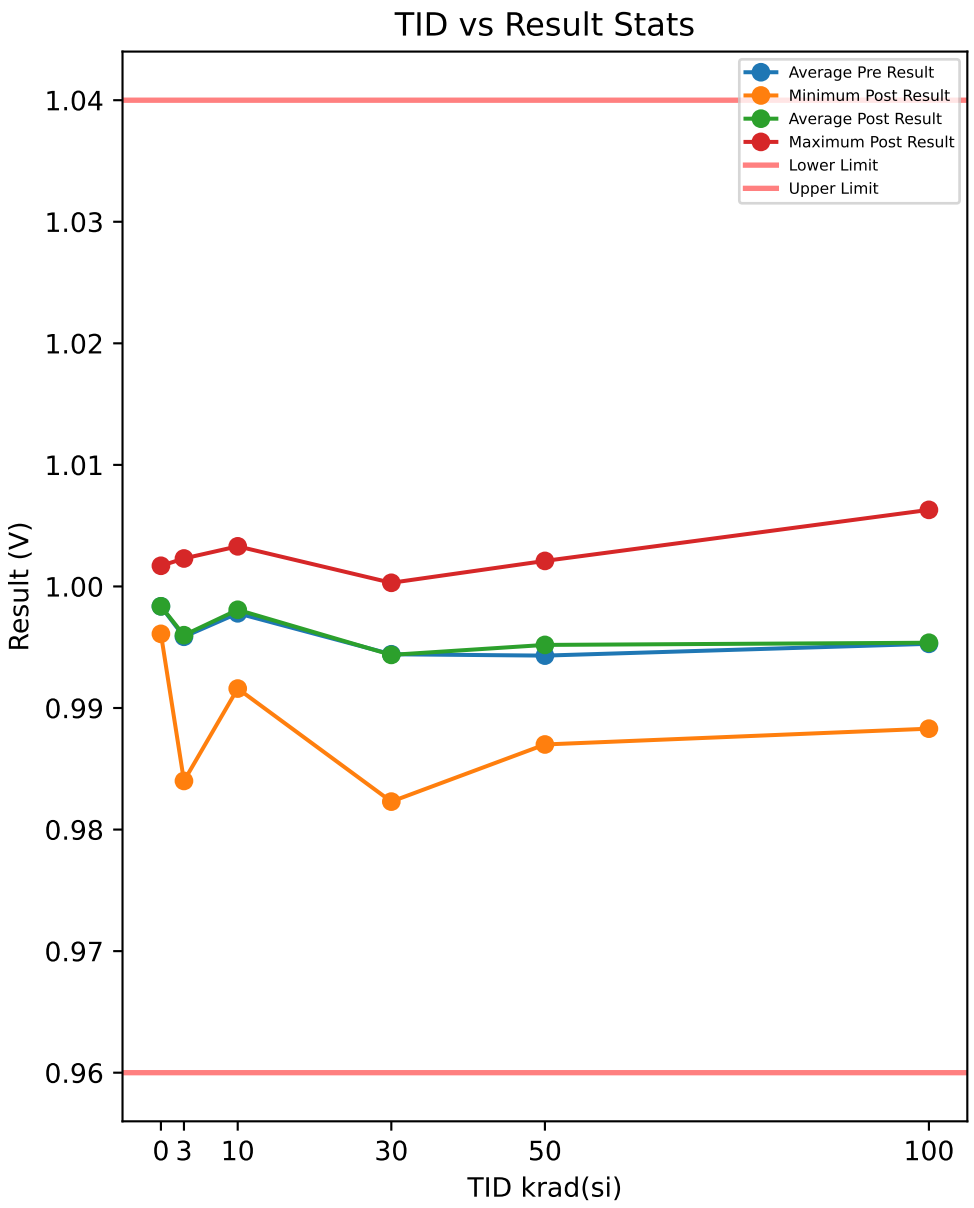
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

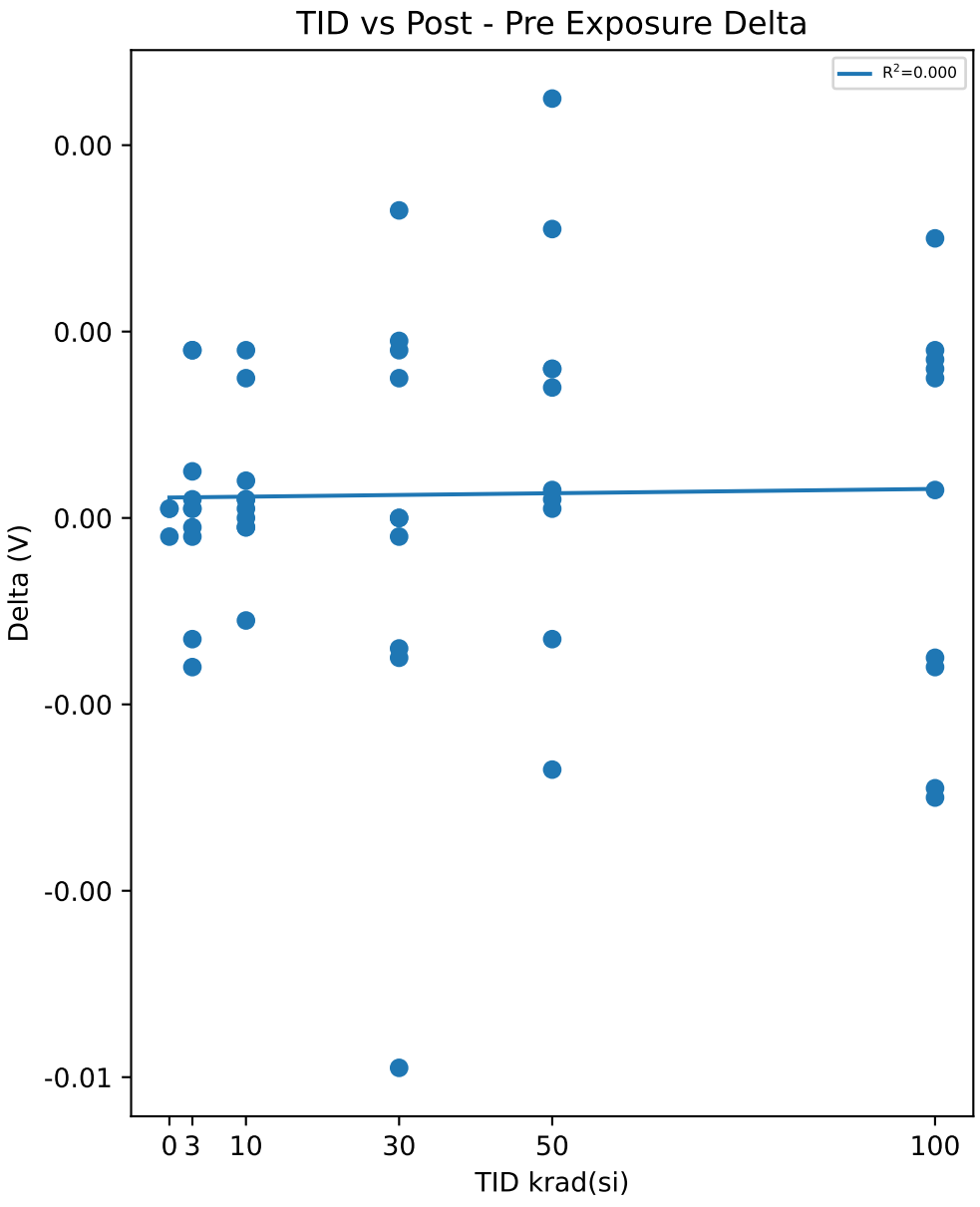
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9958	0.996	0.0002
2	3	HDR BIAS	1.0006	1.0006	0
3	3	HDR BIAS	1.0018	1.0018	0
4	3	HDR BIAS	0.9929	0.9927	-0.0002
5	3	HDR BIAS	0.9897	0.99	0.0003
6	3	HDR UNBIAS	0.9836	0.9838	0.0002
7	3	HDR UNBIAS	0.9989	0.9975	-0.0014
8	3	HDR UNBIAS	0.9956	0.9961	0.0005
9	3	HDR UNBIAS	0.9987	0.999	0.0003
10	3	HDR UNBIAS	0.997	0.9988	0.0018
11	10	HDR BIAS	0.9944	0.996	0.0016
12	10	HDR BIAS	0.9944	0.9945	0.0001
13	10	HDR BIAS	0.9989	0.9987	-0.0002
14	10	HDR BIAS	0.9986	0.9976	-0.001
15	10	HDR BIAS	0.9913	0.9928	0.0015
16	10	HDR UNBIAS	1.0018	1.0036	0.0018
17	10	HDR UNBIAS	1.0018	1.0021	0.0003
18	10	HDR UNBIAS	0.9957	0.9961	0.0004
19	10	HDR UNBIAS	0.9973	0.9958	-0.0015
20	10	HDR UNBIAS	1.0003	0.999	-0.0013
31	30	HDR BIAS	1.0001	1.0007	0.0006
32	30	HDR BIAS	0.9943	0.9931	-0.0012
33	30	HDR BIAS	0.993	0.9946	0.0016
34	30	HDR BIAS	0.9972	1.0006	0.0034
35	30	HDR BIAS	0.9898	0.9929	0.0031
36	30	HDR UNBIAS	0.9823	0.9823	0
37	30	HDR UNBIAS	0.996	0.9958	-0.0002
38	30	HDR UNBIAS	0.9959	0.9975	0.0016
39	30	HDR UNBIAS	1.0005	0.996	-0.0045
40	30	HDR UNBIAS	0.9944	0.9926	-0.0018
41	50	HDR BIAS	0.9899	0.9856	-0.0043
42	50	HDR BIAS	0.9883	0.9883	0
43	50	HDR BIAS	0.9928	0.993	0.0002
44	50	HDR BIAS	0.9974	0.9975	0.0001
45	50	HDR BIAS	0.9958	0.9988	0.003
46	50	HDR UNBIAS	0.9868	0.9913	0.0045
47	50	HDR UNBIAS	0.9986	1.0005	0.0019
48	50	HDR UNBIAS	0.9942	0.9943	0.0001
49	50	HDR UNBIAS	0.9973	0.999	0.0017
50	50	HDR UNBIAS	1.0033	1.0005	-0.0028
51	100	HDR BIAS	1.0002	1.0018	0.0016
52	100	HDR BIAS	0.9944	0.9958	0.0014
53	100	HDR BIAS	0.9973	0.999	0.0017
54	100	HDR BIAS	1.0034	1.005	0.0016
55	100	HDR BIAS	0.9899	0.9882	-0.0017
56	100	HDR UNBIAS	0.9915	0.9884	-0.0031
57	100	HDR UNBIAS	0.9972	0.996	-0.0012
58	100	HDR UNBIAS	0.9898	0.99	0.0002
59	100	HDR UNBIAS	0.9958	0.9961	0.0003
60	100	HDR UNBIAS	0.9927	0.9898	-0.0029
71	0	CORRELATION	1.002	1.0018	-0.0002
72	0	CORRELATION	0.9943	0.9945	0.0002
73	0	CORRELATION	0.9972	0.9973	0.0001

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	0.9943	0.99783	1.002	0.0038889	0.9945	0.99787	1.0018	0.0036828	-0.0002	3.3333e-05	0.0002	0.00020817
3	0.9836	0.99546	1.0018	0.0054959	0.9838	0.99563	1.0018	0.0054596	-0.0014	0.00017	0.0018	0.00077896
10	0.9913	0.99745	1.0018	0.0034786	0.9928	0.99762	1.0036	0.0033353	-0.0015	0.00017	0.0018	0.0012019
30	0.9823	0.99435	1.0005	0.0052901	0.9823	0.99461	1.0007	0.0052223	-0.0045	0.00026	0.0034	0.0023792
50	0.9868	0.99444	1.0033	0.0050993	0.9856	0.99488	1.0005	0.0052544	-0.0043	0.00044	0.0045	0.0025864
100	0.9898	0.99522	1.0034	0.0044577	0.9882	0.99501	1.005	0.0058398	-0.0031	-0.00021	0.0017	0.0018859

Device Test: 28.16 VOLTAGE|OC/CS/14/14/0/0/5/500kHz//@V_CS_ILIM_OC





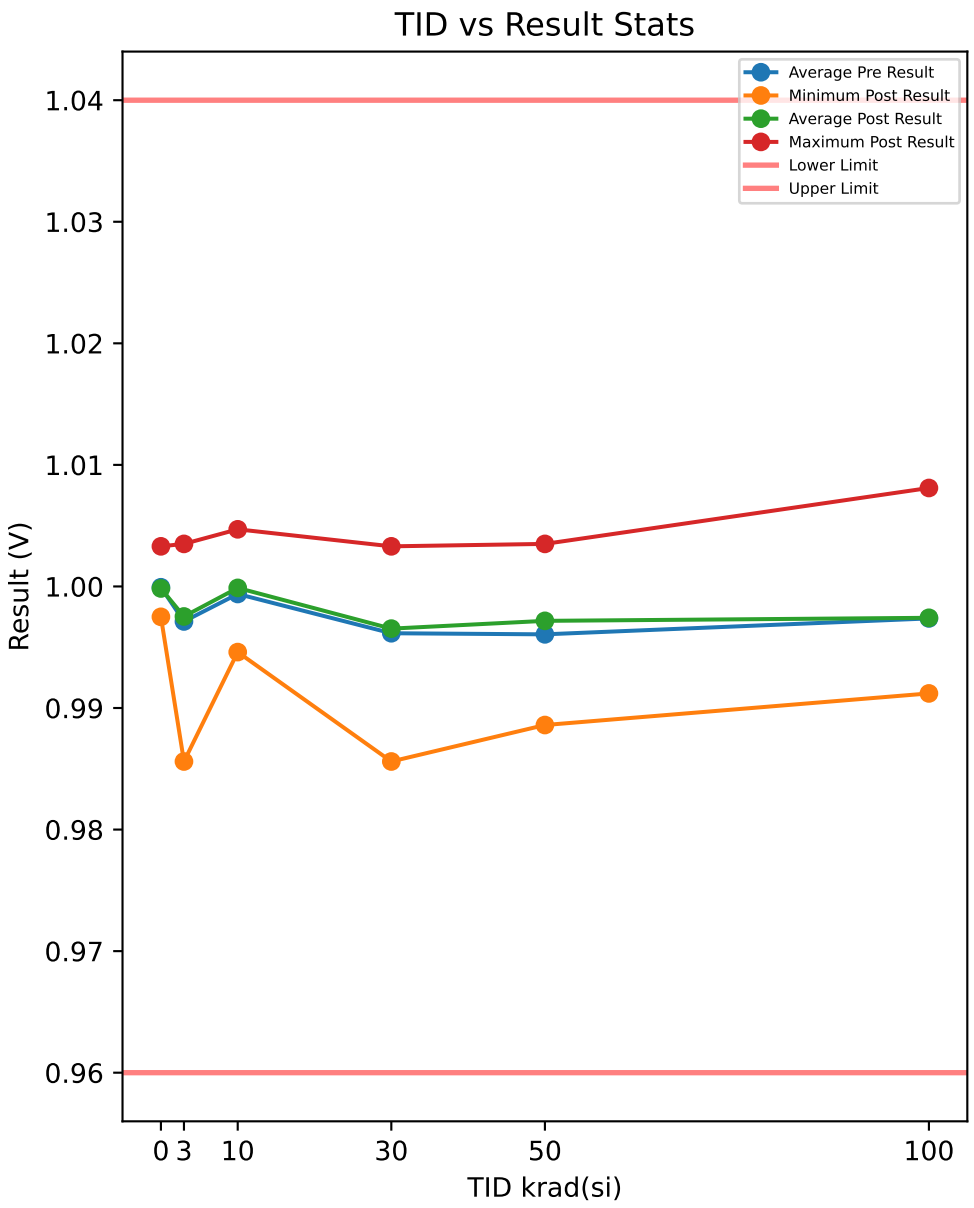
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

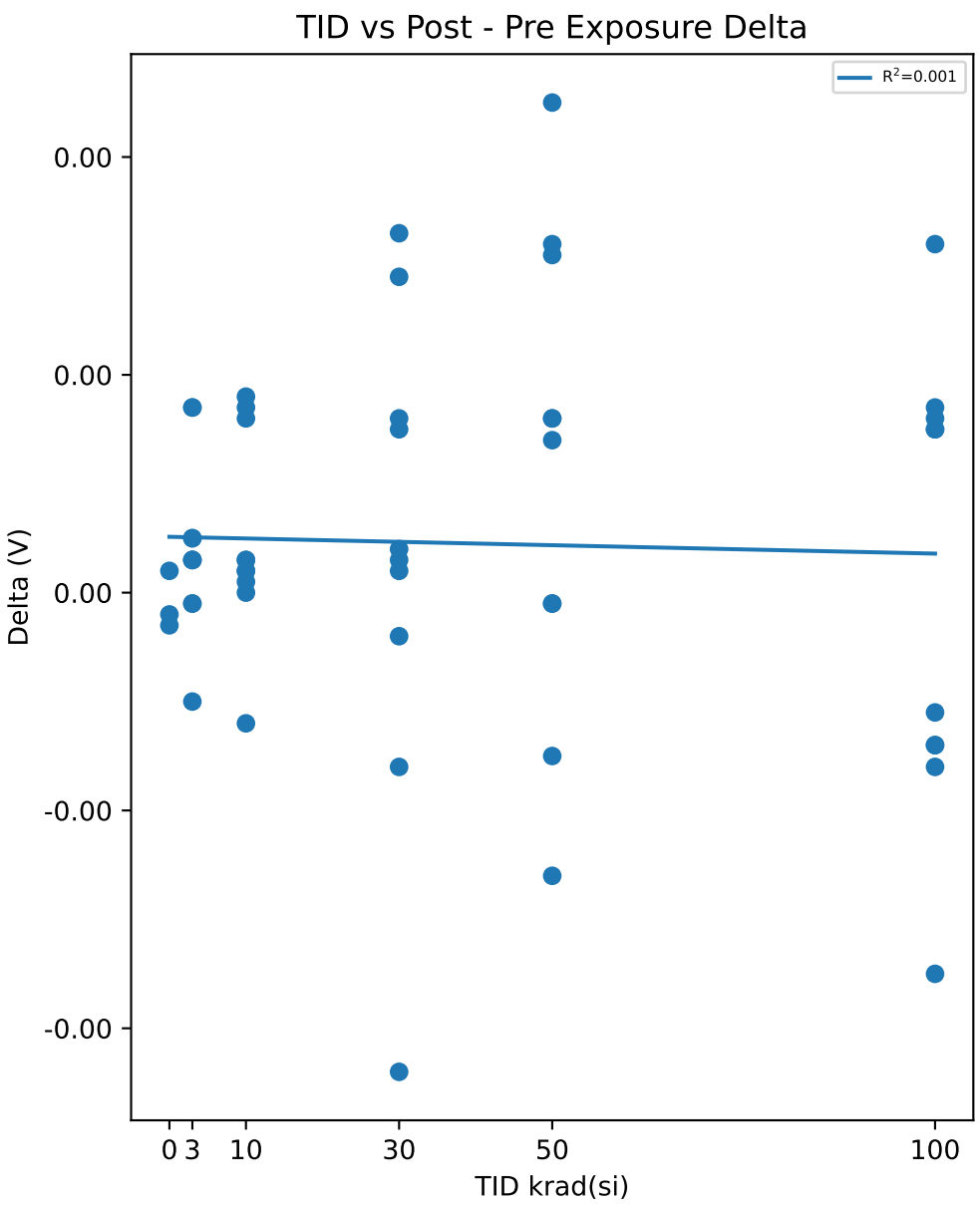
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9959	0.996	0.0001
2	3	HDR BIAS	1.0005	1.0023	0.0018
3	3	HDR BIAS	1.0019	1.0021	0.0002
4	3	HDR BIAS	0.9927	0.9932	0.0005
5	3	HDR BIAS	0.9913	0.99	-0.0013
6	3	HDR UNBIAS	0.9839	0.984	0.0001
7	3	HDR UNBIAS	0.9988	0.9972	-0.0016
8	3	HDR UNBIAS	0.9958	0.9976	0.0018
9	3	HDR UNBIAS	0.9989	0.9988	-0.0001
10	3	HDR UNBIAS	0.9989	0.9987	-0.0002
11	10	HDR BIAS	0.9943	0.9961	0.0018
12	10	HDR BIAS	0.9944	0.9943	-0.0001
13	10	HDR BIAS	1.0006	1.0006	0
14	10	HDR BIAS	0.9986	0.999	0.0004
15	10	HDR BIAS	0.9914	0.9916	0.0002
16	10	HDR UNBIAS	1.0018	1.0033	0.0015
17	10	HDR UNBIAS	1.0031	1.002	-0.0011
18	10	HDR UNBIAS	0.9959	0.996	0.0001
19	10	HDR UNBIAS	0.9974	0.9973	-0.0001
20	10	HDR UNBIAS	1.0004	1.0006	0.0002
31	30	HDR BIAS	1.0005	1.0003	-0.0002
32	30	HDR BIAS	0.9944	0.993	-0.0014
33	30	HDR BIAS	0.9927	0.9945	0.0018
34	30	HDR BIAS	0.9988	1.0003	0.0015
35	30	HDR BIAS	0.9897	0.993	0.0033
36	30	HDR UNBIAS	0.9823	0.9823	0
37	30	HDR UNBIAS	0.9957	0.9957	0
38	30	HDR UNBIAS	0.9956	0.9975	0.0019
39	30	HDR UNBIAS	1.0002	0.9943	-0.0059
40	30	HDR UNBIAS	0.9943	0.9928	-0.0015
41	50	HDR BIAS	0.9897	0.987	-0.0027
42	50	HDR BIAS	0.9882	0.9885	0.0003
43	50	HDR BIAS	0.9914	0.9928	0.0014
44	50	HDR BIAS	0.9974	0.9976	0.0002
45	50	HDR BIAS	0.9957	0.9988	0.0031
46	50	HDR UNBIAS	0.9867	0.9912	0.0045
47	50	HDR UNBIAS	0.999	0.9991	0.0001
48	50	HDR UNBIAS	0.9944	0.996	0.0016
49	50	HDR UNBIAS	0.9972	0.9988	0.0016
50	50	HDR UNBIAS	1.0034	1.0021	-0.0013
51	100	HDR BIAS	1.0005	1.002	0.0015
52	100	HDR BIAS	0.9943	0.9961	0.0018
53	100	HDR BIAS	0.9974	0.999	0.0016
54	100	HDR BIAS	1.0033	1.0063	0.003
55	100	HDR BIAS	0.9899	0.9883	-0.0016
56	100	HDR UNBIAS	0.9914	0.9885	-0.0029
57	100	HDR UNBIAS	0.9973	0.9958	-0.0015
58	100	HDR UNBIAS	0.9898	0.9901	0.0003
59	100	HDR UNBIAS	0.9959	0.9976	0.0017
60	100	HDR UNBIAS	0.993	0.99	-0.003
71	0	CORRELATION	1.0019	1.0017	-0.0002
72	0	CORRELATION	0.996	0.9961	0.0001
73	0	CORRELATION	0.9972	0.9973	0.0001

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	0.996	0.99837	1.0019	0.0031182	0.9961	0.99837	1.0017	0.0029484	-0.0002	0	0.0001	0.00017321
3	0.9839	0.99586	1.0019	0.0053641	0.984	0.99599	1.0023	0.0056161	-0.0016	0.00013	0.0018	0.0011016
10	0.9914	0.99779	1.0031	0.0037693	0.9916	0.99808	1.0033	0.0036711	-0.0011	0.00029	0.0018	0.00082523
30	0.9823	0.99442	1.0005	0.0054236	0.9823	0.99437	1.0003	0.0050971	-0.0059	-5e-05	0.0033	0.0025609
50	0.9867	0.99431	1.0034	0.0052644	0.987	0.99519	1.0021	0.0050446	-0.0027	0.00088	0.0045	0.0020633
100	0.9898	0.99528	1.0033	0.004481	0.9883	0.99537	1.0063	0.0061108	-0.003	9e-05	0.003	0.0021646

Device Test: 28.17 VOLTAGE|OC/CS/4.5/4.5/0/0/4.5/1MHz//@V_CS_ILIM_OC





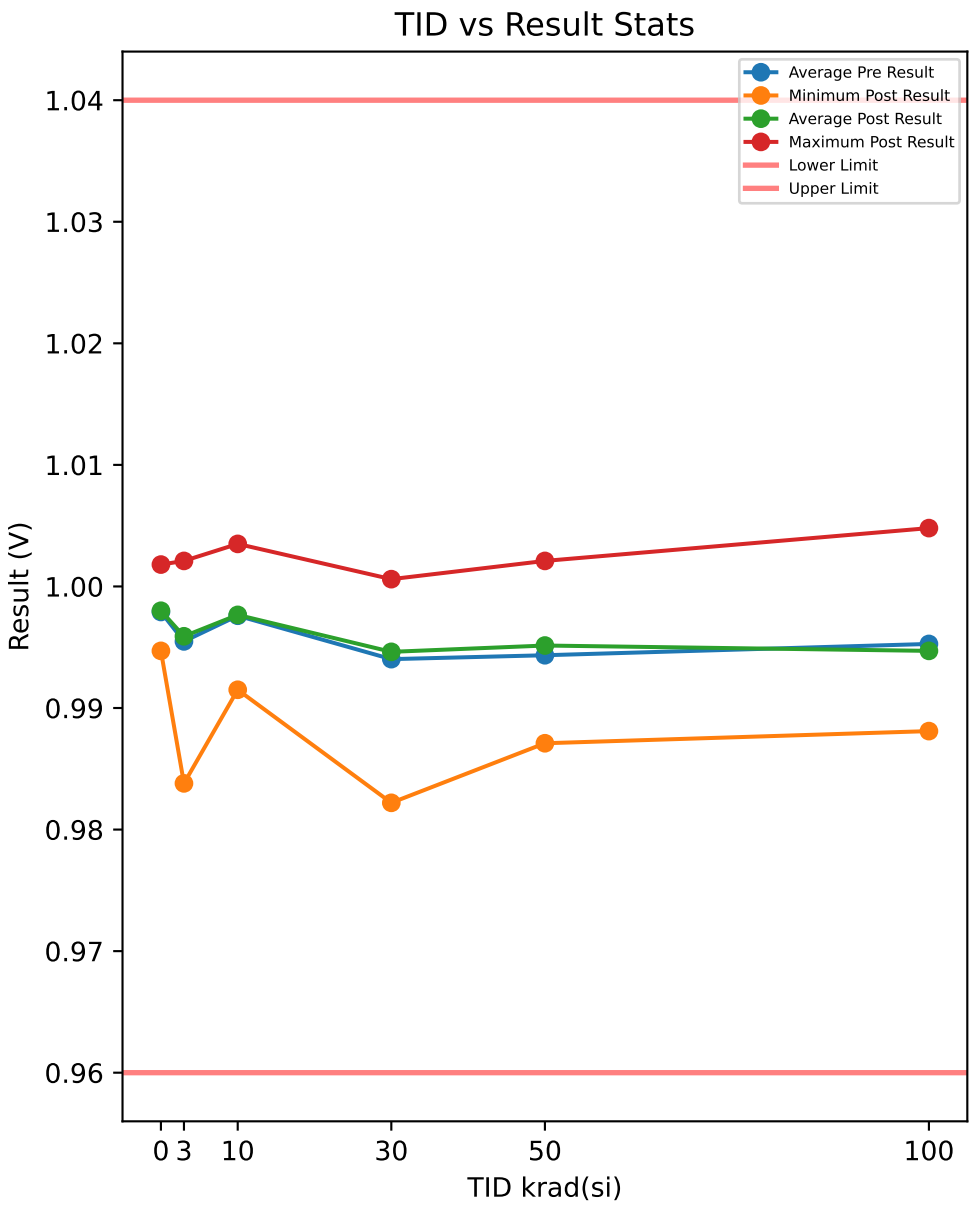
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

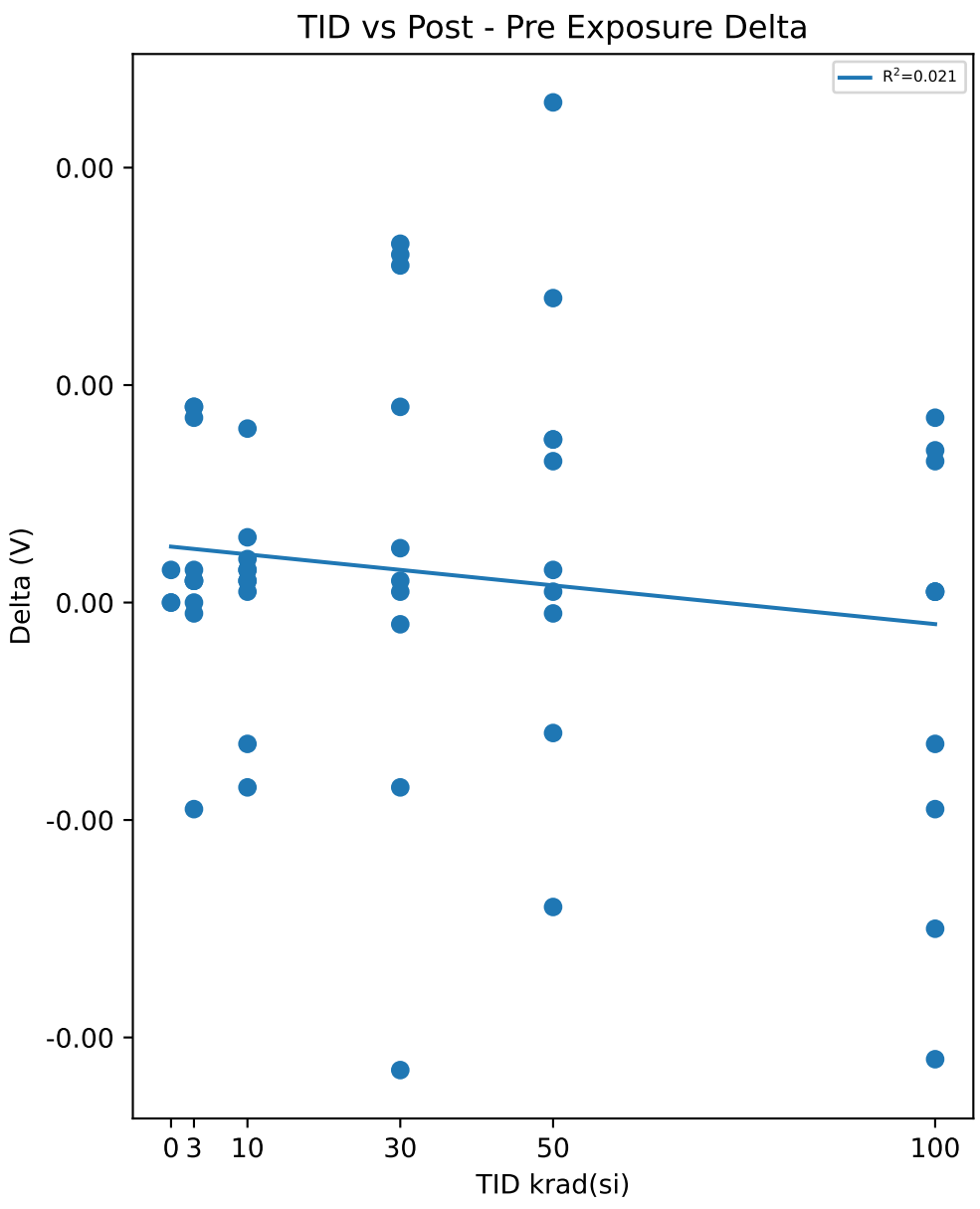
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9973	0.9972	-0.0001
2	3	HDR BIAS	1.0016	1.0021	0.0005
3	3	HDR BIAS	1.0032	1.0035	0.0003
4	3	HDR BIAS	0.9942	0.9945	0.0003
5	3	HDR BIAS	0.9913	0.993	0.0017
6	3	HDR UNBIAS	0.9866	0.9856	-0.001
7	3	HDR UNBIAS	1.0006	1.0005	-0.0001
8	3	HDR UNBIAS	0.9986	0.9991	0.0005
9	3	HDR UNBIAS	0.9989	1.0006	0.0017
10	3	HDR UNBIAS	0.9989	0.9992	0.0003
11	10	HDR BIAS	0.9974	0.9991	0.0017
12	10	HDR BIAS	0.996	0.9961	0.0001
13	10	HDR BIAS	1.0016	1.0018	0.0002
14	10	HDR BIAS	1.0018	1.0006	-0.0012
15	10	HDR BIAS	0.9928	0.9946	0.0018
16	10	HDR UNBIAS	1.0031	1.0047	0.0016
17	10	HDR UNBIAS	1.0033	1.0036	0.0003
18	10	HDR UNBIAS	0.997	0.9973	0.0003
19	10	HDR UNBIAS	0.9988	0.999	0.0002
20	10	HDR UNBIAS	1.002	1.002	0
31	30	HDR BIAS	1.0016	1.002	0.0004
32	30	HDR BIAS	0.9958	0.996	0.0002
33	30	HDR BIAS	0.9945	0.996	0.0015
34	30	HDR BIAS	1.0004	1.0033	0.0029
35	30	HDR BIAS	0.9913	0.9946	0.0033
36	30	HDR UNBIAS	0.9853	0.9856	0.0003
37	30	HDR UNBIAS	0.9975	0.9971	-0.0004
38	30	HDR UNBIAS	0.9974	0.999	0.0016
39	30	HDR UNBIAS	1.0019	0.9975	-0.0044
40	30	HDR UNBIAS	0.9958	0.9942	-0.0016
41	50	HDR BIAS	0.9912	0.9886	-0.0026
42	50	HDR BIAS	0.9899	0.9915	0.0016
43	50	HDR BIAS	0.9947	0.9961	0.0014
44	50	HDR BIAS	0.9988	1.0004	0.0016
45	50	HDR BIAS	0.9974	1.0005	0.0031
46	50	HDR UNBIAS	0.9883	0.9928	0.0045
47	50	HDR UNBIAS	1.0006	1.0005	-0.0001
48	50	HDR UNBIAS	0.9959	0.9958	-0.0001
49	50	HDR UNBIAS	0.9988	1.002	0.0032
50	50	HDR UNBIAS	1.005	1.0035	-0.0015
51	100	HDR BIAS	1.0033	1.0048	0.0015
52	100	HDR BIAS	0.9972	0.9987	0.0015
53	100	HDR BIAS	0.9989	1.0006	0.0017
54	100	HDR BIAS	1.0049	1.0081	0.0032
55	100	HDR BIAS	0.9927	0.9916	-0.0011
56	100	HDR UNBIAS	0.9929	0.9915	-0.0014
57	100	HDR UNBIAS	1.0007	0.9972	-0.0035
58	100	HDR UNBIAS	0.9928	0.9912	-0.0016
59	100	HDR UNBIAS	0.9974	0.999	0.0016
60	100	HDR UNBIAS	0.9929	0.9915	-0.0014
71	0	CORRELATION	1.0035	1.0033	-0.0002
72	0	CORRELATION	0.9973	0.9975	0.0002
73	0	CORRELATION	0.999	0.9987	-0.0003

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	0.9973	0.99993	1.0035	0.0032036	0.9975	0.99983	1.0033	0.0030616	-0.0003	-0.0001	0.0002	0.00026458
3	0.9866	0.99712	1.0032	0.0050638	0.9856	0.99753	1.0035	0.0052932	-0.001	0.00041	0.0017	0.00080891
10	0.9928	0.99938	1.0033	0.0035197	0.9946	0.99988	1.0047	0.0032656	-0.0012	0.0005	0.0018	0.0009369
30	0.9853	0.99615	1.0019	0.0050379	0.9856	0.99653	1.0033	0.0048569	-0.0044	0.00038	0.0033	0.002237
50	0.9883	0.99606	1.005	0.0051748	0.9886	0.99717	1.0035	0.0049858	-0.0026	0.00111	0.0045	0.0022083
100	0.9927	0.99737	1.0049	0.0045702	0.9912	0.99742	1.0081	0.0060137	-0.0035	5e-05	0.0032	0.002111

Device Test: 28.18 VOLTAGE|OC/CS/5/5/0/0/5/1MHz//@V_CS_ILIM_OC





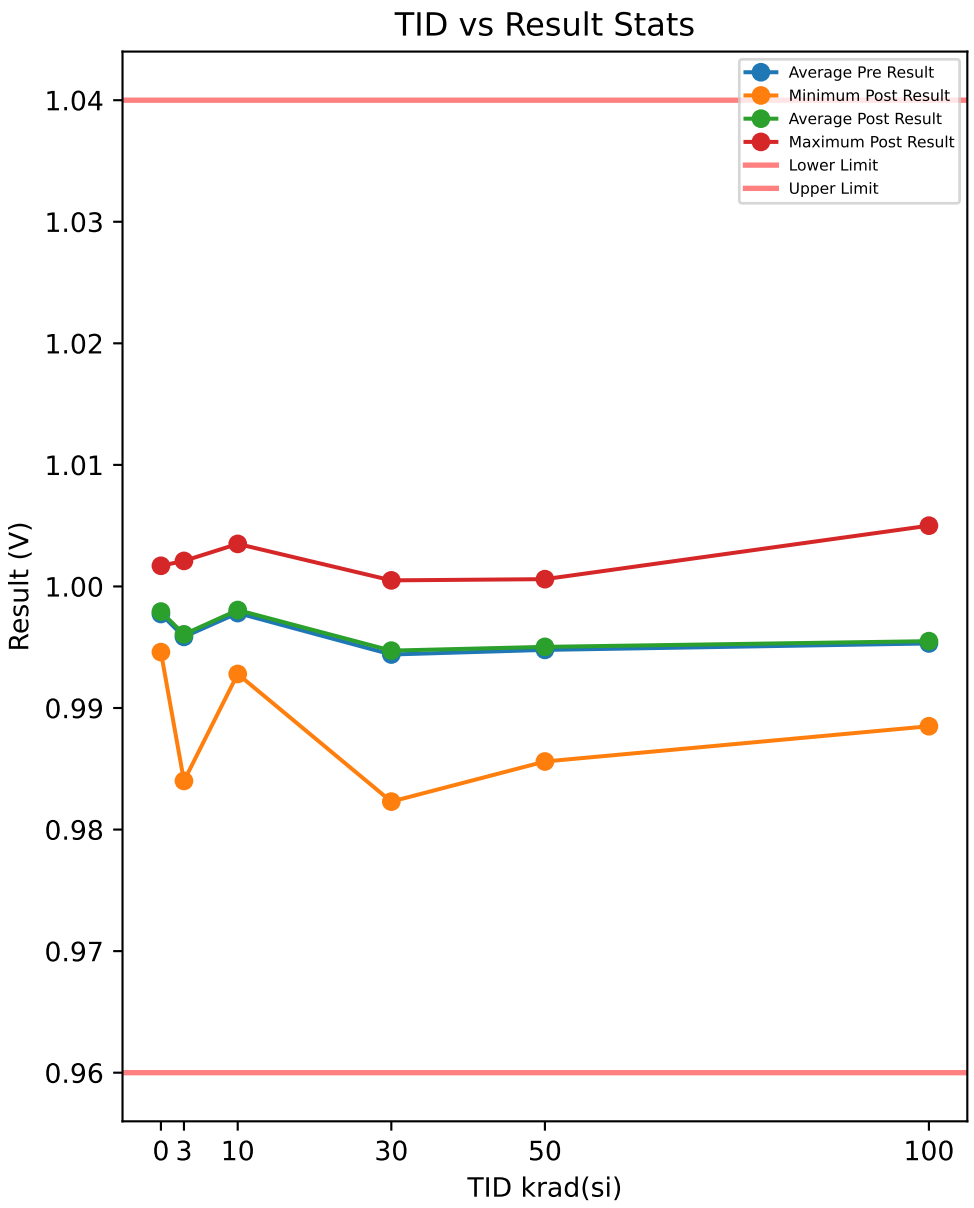
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

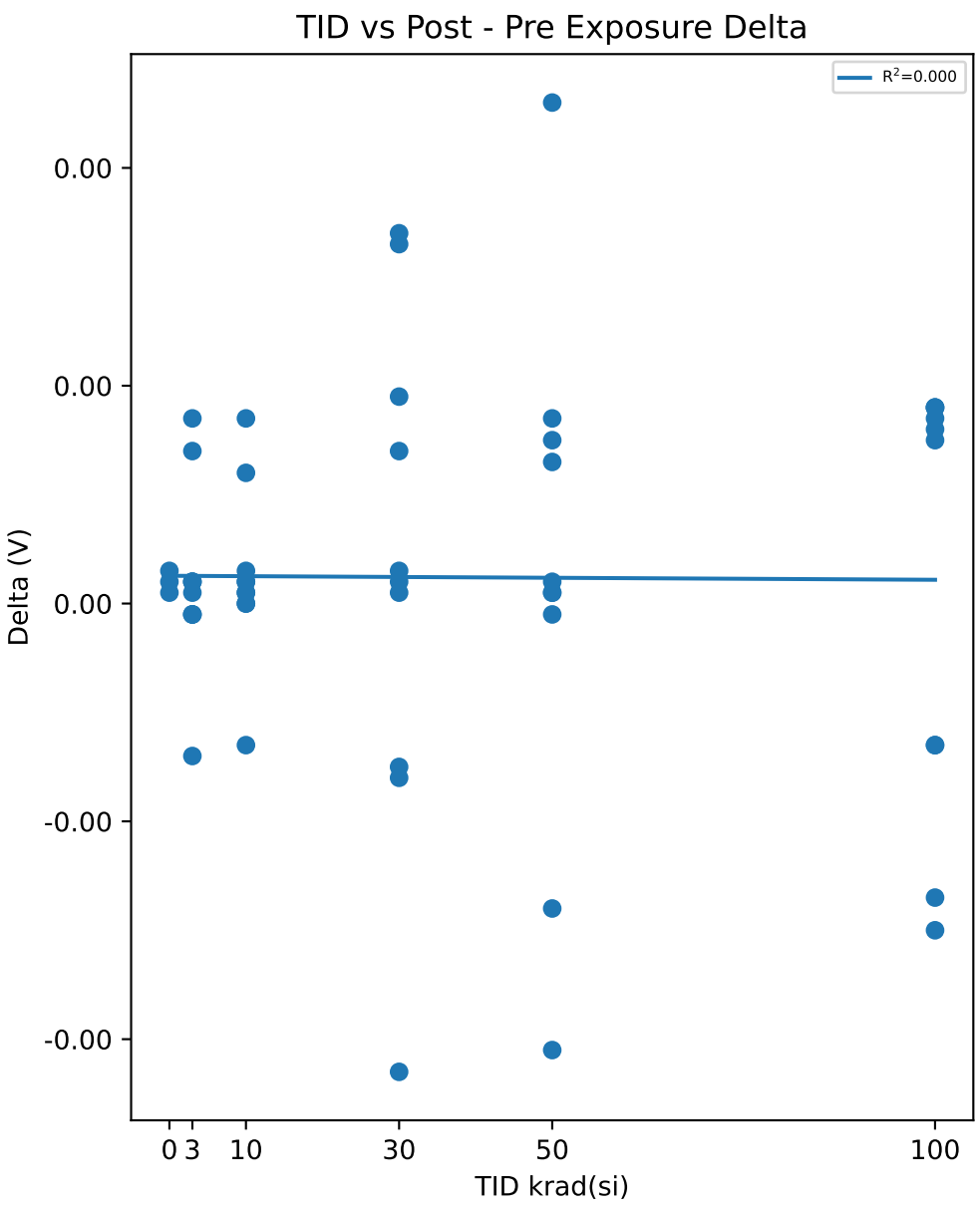
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9957	0.9957	0
2	3	HDR BIAS	1.0003	1.002	0.0017
3	3	HDR BIAS	1.0018	1.0021	0.0003
4	3	HDR BIAS	0.9927	0.9926	-0.0001
5	3	HDR BIAS	0.9898	0.9916	0.0018
6	3	HDR UNBIAS	0.9836	0.9838	0.0002
7	3	HDR UNBIAS	0.9991	0.9972	-0.0019
8	3	HDR UNBIAS	0.9958	0.996	0.0002
9	3	HDR UNBIAS	0.9988	0.999	0.0002
10	3	HDR UNBIAS	0.9972	0.999	0.0018
11	10	HDR BIAS	0.9958	0.9961	0.0003
12	10	HDR BIAS	0.9943	0.9945	0.0002
13	10	HDR BIAS	1.0004	0.9987	-0.0017
14	10	HDR BIAS	0.9989	0.9976	-0.0013
15	10	HDR BIAS	0.9914	0.9915	0.0001
16	10	HDR UNBIAS	1.0019	1.0035	0.0016
17	10	HDR UNBIAS	1.0018	1.0021	0.0003
18	10	HDR UNBIAS	0.9958	0.996	0.0002
19	10	HDR UNBIAS	0.997	0.9976	0.0006
20	10	HDR UNBIAS	0.9986	0.999	0.0004
31	30	HDR BIAS	1.0001	1.0006	0.0005
32	30	HDR BIAS	0.9928	0.993	0.0002
33	30	HDR BIAS	0.9914	0.9945	0.0031
34	30	HDR BIAS	0.9973	1.0005	0.0032
35	30	HDR BIAS	0.9898	0.9931	0.0033
36	30	HDR UNBIAS	0.9824	0.9822	-0.0002
37	30	HDR UNBIAS	0.9959	0.996	0.0001
38	30	HDR UNBIAS	0.9958	0.9976	0.0018
39	30	HDR UNBIAS	1.0003	0.996	-0.0043
40	30	HDR UNBIAS	0.9944	0.9927	-0.0017
41	50	HDR BIAS	0.9899	0.9871	-0.0028
42	50	HDR BIAS	0.9882	0.9883	0.0001
43	50	HDR BIAS	0.9912	0.9927	0.0015
44	50	HDR BIAS	0.9973	0.9976	0.0003
45	50	HDR BIAS	0.9959	0.9987	0.0028
46	50	HDR UNBIAS	0.9867	0.9913	0.0046
47	50	HDR UNBIAS	0.999	1.0005	0.0015
48	50	HDR UNBIAS	0.9944	0.9943	-0.0001
49	50	HDR UNBIAS	0.9975	0.9988	0.0013
50	50	HDR UNBIAS	1.0033	1.0021	-0.0012
51	100	HDR BIAS	1.0003	1.002	0.0017
52	100	HDR BIAS	0.9944	0.9958	0.0014
53	100	HDR BIAS	0.9973	0.9974	0.0001
54	100	HDR BIAS	1.0035	1.0048	0.0013
55	100	HDR BIAS	0.99	0.9881	-0.0019
56	100	HDR UNBIAS	0.9915	0.9885	-0.003
57	100	HDR UNBIAS	0.9973	0.996	-0.0013
58	100	HDR UNBIAS	0.9897	0.9898	0.0001
59	100	HDR UNBIAS	0.9959	0.996	0.0001
60	100	HDR UNBIAS	0.9928	0.9886	-0.0042
71	0	CORRELATION	1.0018	1.0018	0
72	0	CORRELATION	0.9944	0.9947	0.0003
73	0	CORRELATION	0.9975	0.9975	0

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	0.9944	0.9979	1.0018	0.0037162	0.9947	0.998	1.0018	0.0035763	0	0.0001	0.0003	0.00017321
3	0.9836	0.99548	1.0018	0.0054928	0.9838	0.9959	1.0021	0.0055015	-0.0019	0.00042	0.0018	0.0011272
10	0.9914	0.99759	1.0019	0.0033802	0.9915	0.99766	1.0035	0.0034932	-0.0017	7e-05	0.0016	0.00093577
30	0.9824	0.99402	1.0003	0.005325	0.9822	0.99462	1.0006	0.0052272	-0.0043	0.0006	0.0033	0.002406
50	0.9867	0.99434	1.0033	0.0052581	0.9871	0.99514	1.0021	0.0051868	-0.0028	0.0008	0.0046	0.0020597
100	0.9897	0.99527	1.0035	0.0044912	0.9881	0.9947	1.0048	0.0058727	-0.0042	-0.00057	0.0017	0.0019794

Device Test: 28.19 VOLTAGE|OC/CS/12/12/0/0/5/1MHz//@V_CS_ILIM_OC





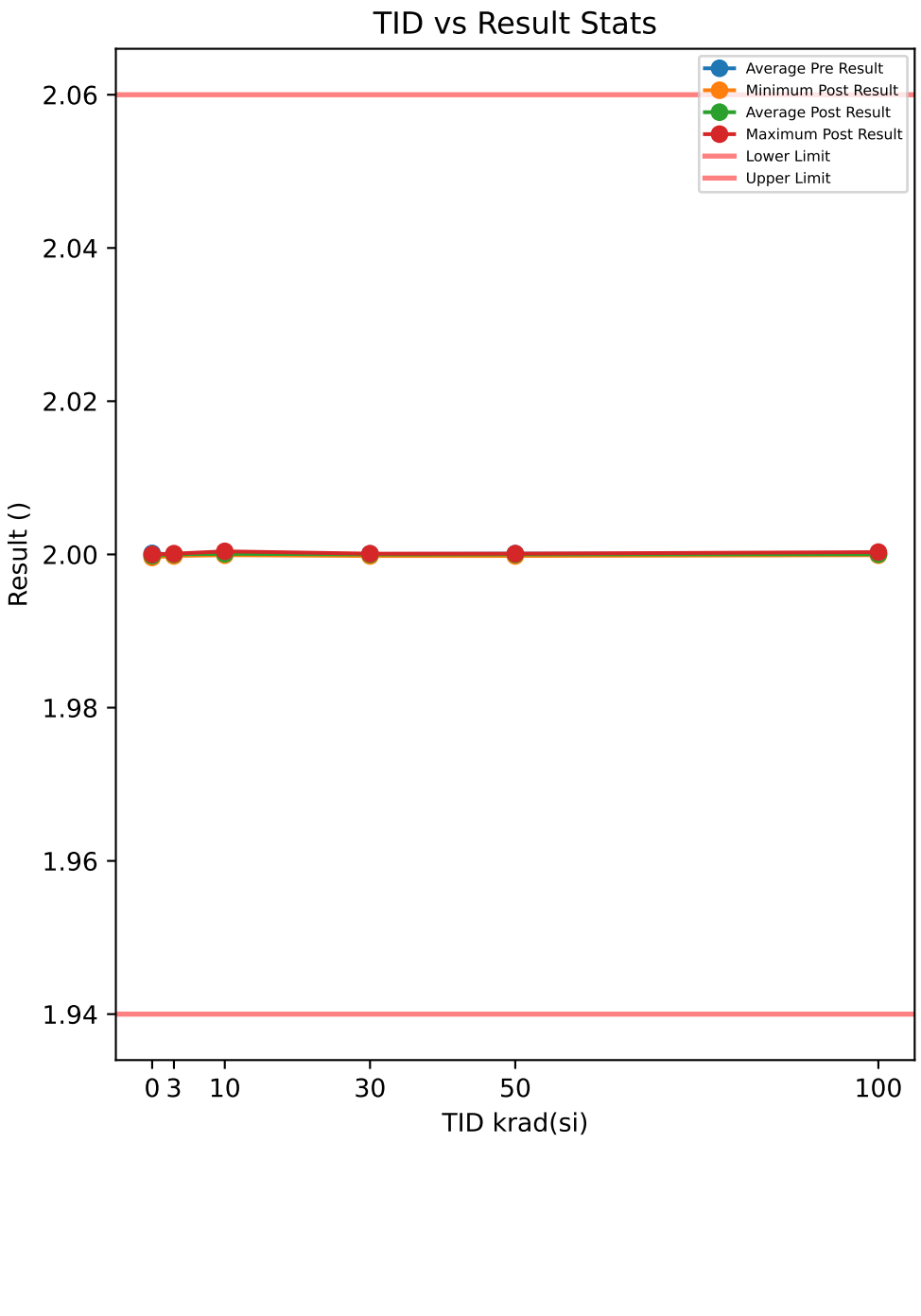
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

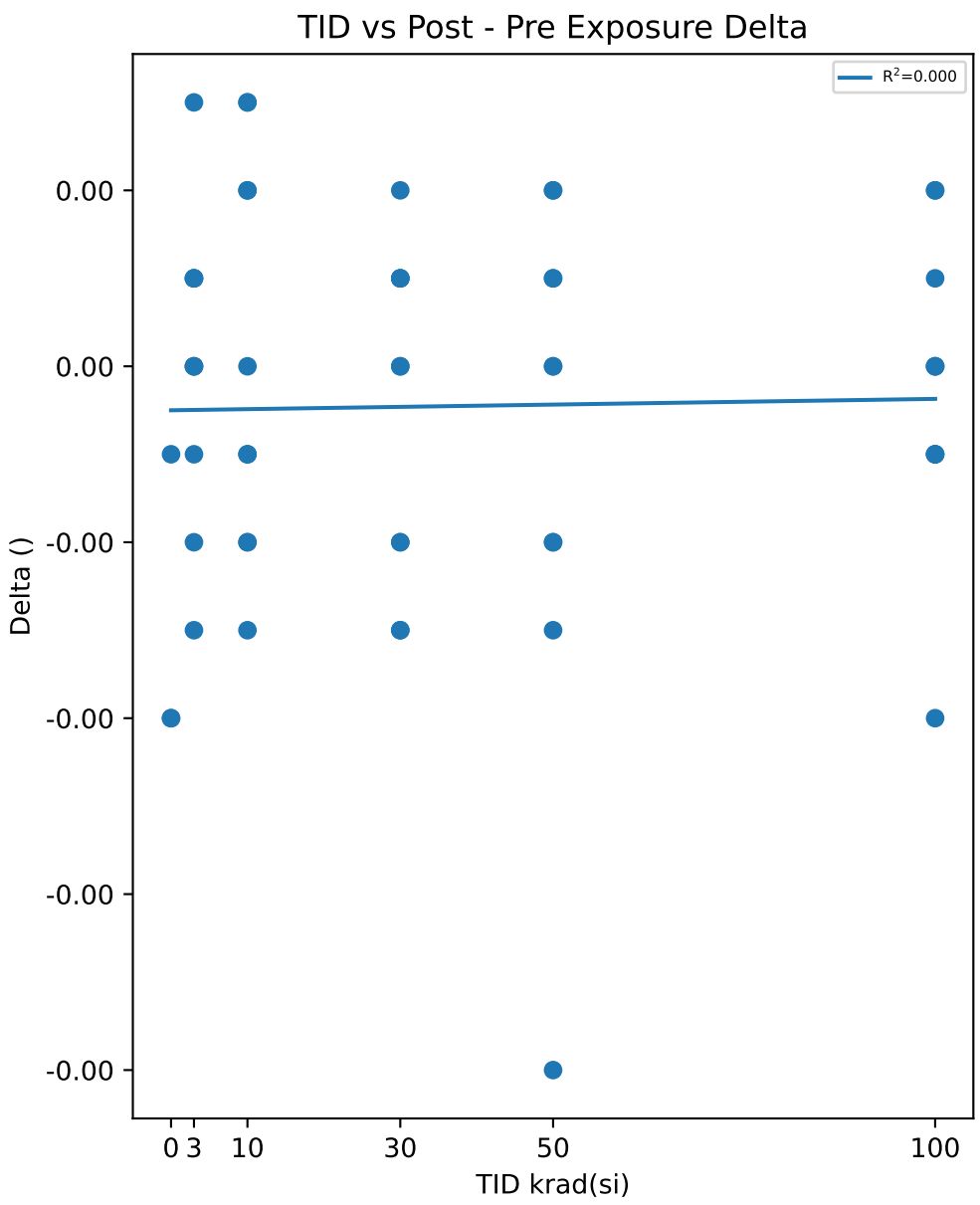
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9958	0.9957	-0.0001
2	3	HDR BIAS	1.0004	1.0021	0.0017
3	3	HDR BIAS	1.0018	1.002	0.0002
4	3	HDR BIAS	0.9928	0.9927	-0.0001
5	3	HDR BIAS	0.9913	0.9915	0.0002
6	3	HDR UNBIAS	0.9839	0.984	0.0001
7	3	HDR UNBIAS	0.9989	0.9975	-0.0014
8	3	HDR UNBIAS	0.9974	0.9976	0.0002
9	3	HDR UNBIAS	0.9989	0.9988	-0.0001
10	3	HDR UNBIAS	0.9973	0.9987	0.0014
11	10	HDR BIAS	0.9959	0.996	0.0001
12	10	HDR BIAS	0.9943	0.9943	0
13	10	HDR BIAS	1.0004	1.0005	0.0001
14	10	HDR BIAS	0.9989	0.9976	-0.0013
15	10	HDR BIAS	0.9916	0.9928	0.0012
16	10	HDR UNBIAS	1.0018	1.0035	0.0017
17	10	HDR UNBIAS	1.0019	1.0021	0.0002
18	10	HDR UNBIAS	0.9958	0.996	0.0002
19	10	HDR UNBIAS	0.9972	0.9972	0
20	10	HDR UNBIAS	1.0003	1.0006	0.0003
31	30	HDR BIAS	1.0003	1.0005	0.0002
32	30	HDR BIAS	0.9943	0.9946	0.0003
33	30	HDR BIAS	0.9912	0.9946	0.0034
34	30	HDR BIAS	0.9988	1.0002	0.0014
35	30	HDR BIAS	0.9898	0.9931	0.0033
36	30	HDR UNBIAS	0.9822	0.9823	0.0001
37	30	HDR UNBIAS	0.9972	0.9957	-0.0015
38	30	HDR UNBIAS	0.9956	0.9975	0.0019
39	30	HDR UNBIAS	1.0003	0.996	-0.0043
40	30	HDR UNBIAS	0.9943	0.9927	-0.0016
41	50	HDR BIAS	0.9897	0.9856	-0.0041
42	50	HDR BIAS	0.9883	0.99	0.0017
43	50	HDR BIAS	0.9928	0.9927	-0.0001
44	50	HDR BIAS	0.9974	0.9976	0.0002
45	50	HDR BIAS	0.9972	0.9987	0.0015
46	50	HDR UNBIAS	0.9867	0.9913	0.0046
47	50	HDR UNBIAS	1.0005	1.0006	0.0001
48	50	HDR UNBIAS	0.9944	0.9945	0.0001
49	50	HDR UNBIAS	0.9974	0.9987	0.0013
50	50	HDR UNBIAS	1.0034	1.0006	-0.0028
51	100	HDR BIAS	1.0003	1.0018	0.0015
52	100	HDR BIAS	0.9943	0.996	0.0017
53	100	HDR BIAS	0.9974	0.999	0.0016
54	100	HDR BIAS	1.0032	1.005	0.0018
55	100	HDR BIAS	0.9898	0.9885	-0.0013
56	100	HDR UNBIAS	0.9913	0.99	-0.0013
57	100	HDR UNBIAS	0.9985	0.9958	-0.0027
58	100	HDR UNBIAS	0.9897	0.9915	0.0018
59	100	HDR UNBIAS	0.9958	0.9976	0.0018
60	100	HDR UNBIAS	0.9928	0.9898	-0.003
71	0	CORRELATION	1.0016	1.0017	0.0001
72	0	CORRELATION	0.9944	0.9946	0.0002
73	0	CORRELATION	0.9972	0.9975	0.0003

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	0.9944	0.99773	1.0016	0.0036295	0.9946	0.99793	1.0017	0.0035698	0.0001	0.0002	0.0003	0.0001
3	0.9839	0.99585	1.0018	0.0052918	0.984	0.99606	1.0021	0.0054604	-0.0014	0.00021	0.0017	0.00085173
10	0.9916	0.99781	1.0019	0.0034268	0.9928	0.99806	1.0035	0.0034891	-0.0013	0.00025	0.0017	0.00078775
30	0.9822	0.9944	1.0003	0.005563	0.9823	0.99472	1.0005	0.0051072	-0.0043	0.00032	0.0034	0.0023673
50	0.9867	0.99478	1.0034	0.0054135	0.9856	0.99503	1.0006	0.0050491	-0.0041	0.00025	0.0046	0.0024057
100	0.9897	0.99531	1.0032	0.0045603	0.9885	0.9955	1.005	0.0055245	-0.003	0.00019	0.0018	0.0020201

Device Test: 28.2 LEVEL|RATIO/CS/5/5/0/0/5/500kHz//@C_CS_R





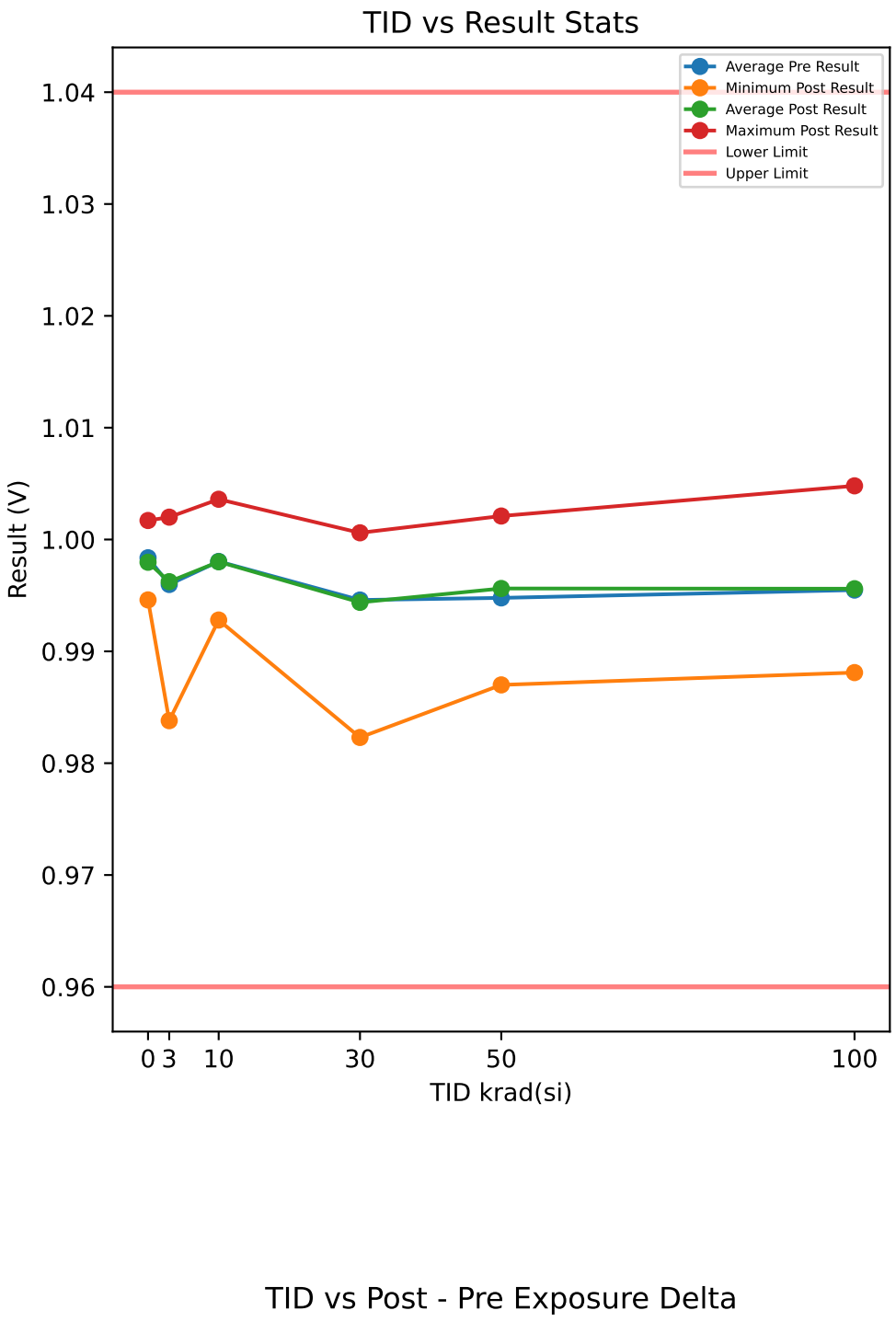
Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

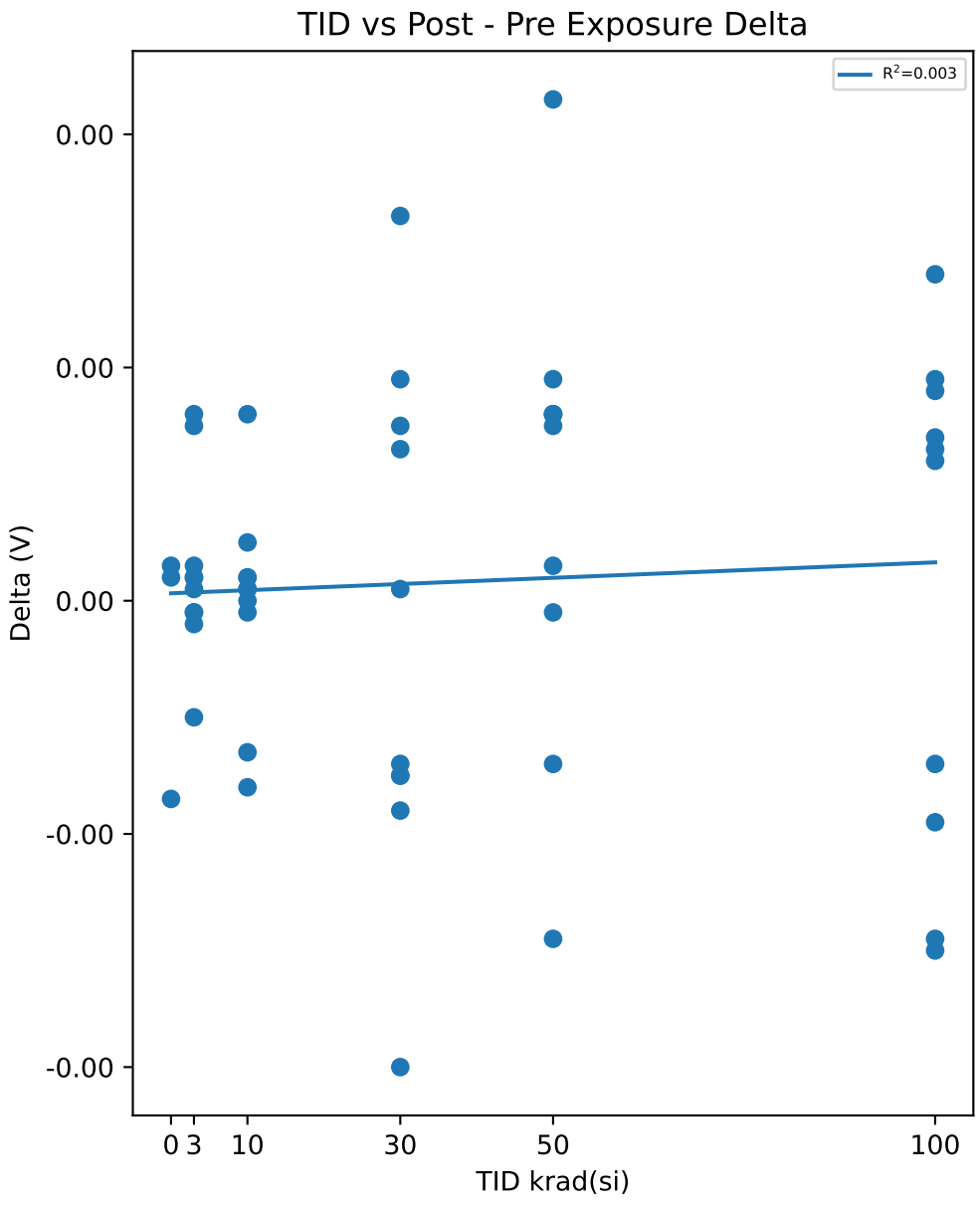
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2	2.0001	0.0001
2	3	HDR BIAS	2.0001	2.0001	0
3	3	HDR BIAS	2.0001	2.0001	0
4	3	HDR BIAS	2	1.9998	-0.0002
5	3	HDR BIAS	2	2.0001	0.0001
6	3	HDR UNBIAS	2.0001	2	-0.0001
7	3	HDR UNBIAS	2	2	0
8	3	HDR UNBIAS	2.0001	1.9998	-0.0003
9	3	HDR UNBIAS	1.9998	2.0001	0.0003
10	3	HDR UNBIAS	1.9999	2	0.0001
11	10	HDR BIAS	1.9998	2.0001	0.0003
12	10	HDR BIAS	1.9999	2.0001	0.0002
13	10	HDR BIAS	2.0001	2	-0.0001
14	10	HDR BIAS	2.0003	2.0001	-0.0002
15	10	HDR BIAS	2.0001	2.0004	0.0003
16	10	HDR UNBIAS	2.0004	2.0001	-0.0003
17	10	HDR UNBIAS	2.0001	2	-0.0001
18	10	HDR UNBIAS	2	2	0
19	10	HDR UNBIAS	2.0001	1.9999	-0.0002
20	10	HDR UNBIAS	1.9999	2.0001	0.0002
31	30	HDR BIAS	2.0003	2.0001	-0.0002
32	30	HDR BIAS	2	2	0
33	30	HDR BIAS	2.0001	1.9998	-0.0003
34	30	HDR BIAS	2.0001	1.9999	-0.0002
35	30	HDR BIAS	1.9999	2	0.0001
36	30	HDR UNBIAS	2.0002	1.9999	-0.0003
37	30	HDR UNBIAS	1.9999	2.0001	0.0002
38	30	HDR UNBIAS	2	2.0001	0.0001
39	30	HDR UNBIAS	2.0001	2.0001	0
40	30	HDR UNBIAS	1.9999	2	0.0001
41	50	HDR BIAS	2	2	0
42	50	HDR BIAS	2.0001	2.0001	0
43	50	HDR BIAS	1.9999	2.0001	0.0002
44	50	HDR BIAS	1.9999	2.0001	0.0002
45	50	HDR BIAS	2	2.0001	0.0001
46	50	HDR UNBIAS	2.0007	1.9999	-0.0008
47	50	HDR UNBIAS	2.0003	2.0001	-0.0002
48	50	HDR UNBIAS	2.0001	1.9999	-0.0002
49	50	HDR UNBIAS	1.9999	2	0.0001
50	50	HDR UNBIAS	2.0001	1.9998	-0.0003
51	100	HDR BIAS	1.9999	2.0001	0.0002
52	100	HDR BIAS	2	1.9999	-0.0001
53	100	HDR BIAS	2.0003	2.0003	0
54	100	HDR BIAS	2.0001	2	-0.0001
55	100	HDR BIAS	1.9999	1.9999	0
56	100	HDR UNBIAS	1.9999	2	0.0001
57	100	HDR UNBIAS	2.0001	2.0001	0
58	100	HDR UNBIAS	2.0004	2	-0.0004
59	100	HDR UNBIAS	2	1.9999	-0.0001
60	100	HDR UNBIAS	1.9998	2	0.0002
71	0	CORRELATION	2.0001	2	-0.0001
72	0	CORRELATION	2.0003	1.9999	-0.0004
73	0	CORRELATION	2	1.9996	-0.0004

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	2.0001	2.0003	0.00015275	1.9996	1.9998	2	0.00020817	-0.0004	-0.0003	-0.0001	0.00017321
3	1.9998	2	2.0001	9.9443e-05	1.9998	2	2.0001	0.00011972	-0.0003	2.2204e-17	0.0003	0.00016997
10	1.9998	2.0001	2.0004	0.00018288	1.9999	2.0001	2.0004	0.00013166	-0.0003	1e-05	0.0003	0.00022336
30	1.9999	2	2.0003	0.0001354	1.9998	2	2.0001	0.00010541	-0.0003	-5e-05	0.0002	0.00018409
50	1.9999	2.0001	2.0007	0.00024495	1.9998	2	2.0001	0.00011005	-0.0008	-9e-05	0.0002	0.0003035
100	1.9998	2	2.0004	0.00018974	1.9999	2	2.0003	0.00012293	-0.0004	-2e-05	0.0002	0.00017512

Device Test: 28.20 VOLTAGE|OC/CS/14/14/0/0/5/1MHz//@V_CS_ILIM_OC





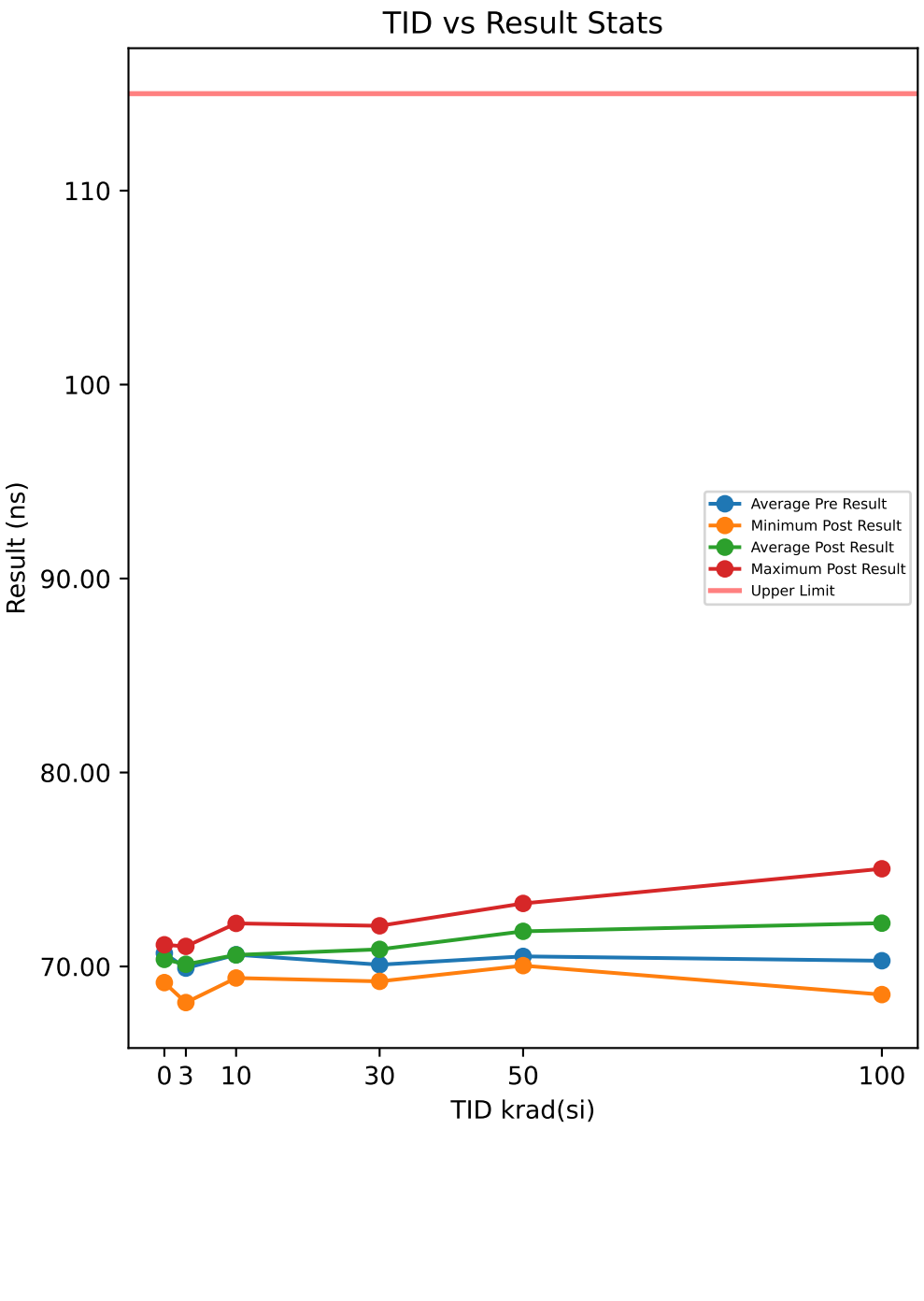
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

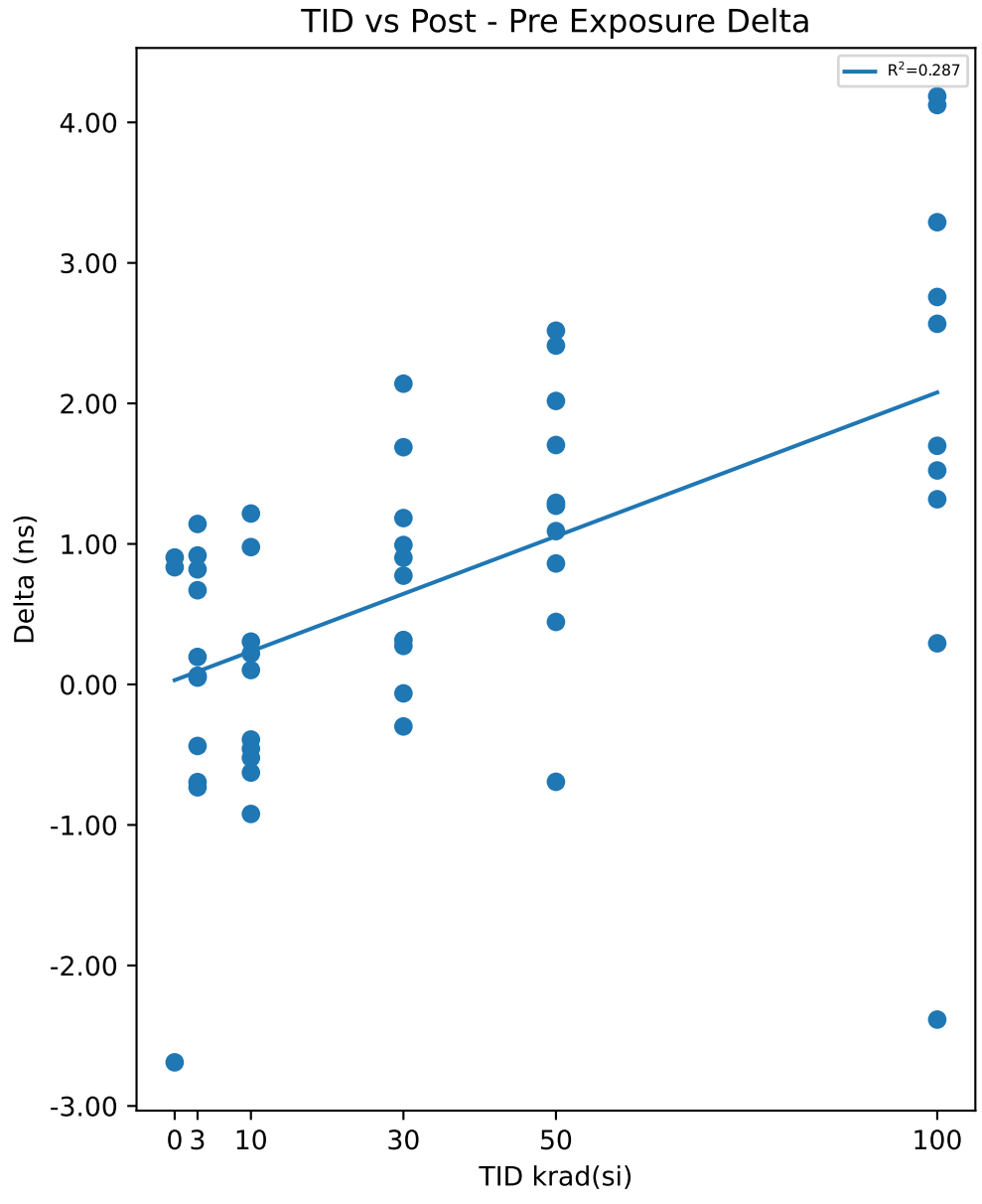
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9958	0.9973	0.0015
2	3	HDR BIAS	1.0018	1.0008	-0.001
3	3	HDR BIAS	1.0019	1.002	0.0001
4	3	HDR BIAS	0.9929	0.9927	-0.0002
5	3	HDR BIAS	0.9913	0.9915	0.0002
6	3	HDR UNBIAS	0.9839	0.9838	-0.0001
7	3	HDR UNBIAS	0.9988	0.999	0.0002
8	3	HDR UNBIAS	0.9973	0.9976	0.0003
9	3	HDR UNBIAS	0.9989	0.9988	-0.0001
10	3	HDR UNBIAS	0.9972	0.9988	0.0016
11	10	HDR BIAS	0.9959	0.9961	0.0002
12	10	HDR BIAS	0.9944	0.9945	0.0001
13	10	HDR BIAS	1.0001	1.0002	0.0001
14	10	HDR BIAS	0.999	0.9974	-0.0016
15	10	HDR BIAS	0.9912	0.9928	0.0016
16	10	HDR UNBIAS	1.0031	1.0036	0.0005
17	10	HDR UNBIAS	1.0033	1.002	-0.0013
18	10	HDR UNBIAS	0.9958	0.9958	0
19	10	HDR UNBIAS	0.9972	0.9971	-0.0001
20	10	HDR UNBIAS	1.0004	1.0006	0.0002
31	30	HDR BIAS	1.0021	1.0006	-0.0015
32	30	HDR BIAS	0.9944	0.9929	-0.0015
33	30	HDR BIAS	0.9928	0.9943	0.0015
34	30	HDR BIAS	0.9989	1.0002	0.0013
35	30	HDR BIAS	0.9898	0.9931	0.0033
36	30	HDR UNBIAS	0.9822	0.9823	0.0001
37	30	HDR UNBIAS	0.9972	0.9958	-0.0014
38	30	HDR UNBIAS	0.9956	0.9975	0.0019
39	30	HDR UNBIAS	0.9985	0.9945	-0.004
40	30	HDR UNBIAS	0.9944	0.9926	-0.0018
41	50	HDR BIAS	0.9899	0.987	-0.0029
42	50	HDR BIAS	0.9883	0.9898	0.0015
43	50	HDR BIAS	0.9928	0.9927	-0.0001
44	50	HDR BIAS	0.9974	0.999	0.0016
45	50	HDR BIAS	0.9972	0.9988	0.0016
46	50	HDR UNBIAS	0.987	0.9913	0.0043
47	50	HDR UNBIAS	1.0003	1.0006	0.0003
48	50	HDR UNBIAS	0.9942	0.9961	0.0019
49	50	HDR UNBIAS	0.9972	0.9988	0.0016
50	50	HDR UNBIAS	1.0035	1.0021	-0.0014
51	100	HDR BIAS	1.0005	1.0033	0.0028
52	100	HDR BIAS	0.9945	0.9957	0.0012
53	100	HDR BIAS	0.9973	0.9991	0.0018
54	100	HDR BIAS	1.0034	1.0048	0.0014
55	100	HDR BIAS	0.99	0.9881	-0.0019
56	100	HDR UNBIAS	0.9914	0.99	-0.0014
57	100	HDR UNBIAS	0.9989	0.996	-0.0029
58	100	HDR UNBIAS	0.9902	0.9915	0.0013
59	100	HDR UNBIAS	0.9956	0.9975	0.0019
60	100	HDR UNBIAS	0.993	0.99	-0.003
71	0	CORRELATION	1.0034	1.0017	-0.0017
72	0	CORRELATION	0.9944	0.9946	0.0002
73	0	CORRELATION	0.9973	0.9976	0.0003

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	0.9944	0.99837	1.0034	0.0045938	0.9946	0.99797	1.0017	0.0035642	-0.0017	-0.0004	0.0003	0.0011269
3	0.9839	0.99598	1.0019	0.0054363	0.9838	0.99623	1.002	0.005451	-0.001	0.00025	0.0016	0.00077639
10	0.9912	0.99804	1.0033	0.0038636	0.9928	0.99801	1.0036	0.003462	-0.0016	-3e-05	0.0016	0.000892
30	0.9822	0.99459	1.0021	0.0055561	0.9823	0.99438	1.0006	0.0051344	-0.004	-0.00021	0.0033	0.0022038
50	0.987	0.99478	1.0035	0.00533	0.987	0.99562	1.0021	0.0050994	-0.0029	0.00084	0.0043	0.0019845
100	0.99	0.99548	1.0034	0.0045291	0.9881	0.9956	1.0048	0.0057324	-0.003	0.00012	0.0028	0.002176

Device Test: 28.21 TIMING|DELAY/CS/4.5/4.5/0/0/4.5/100kHz//@CS_ILIM_DELAY





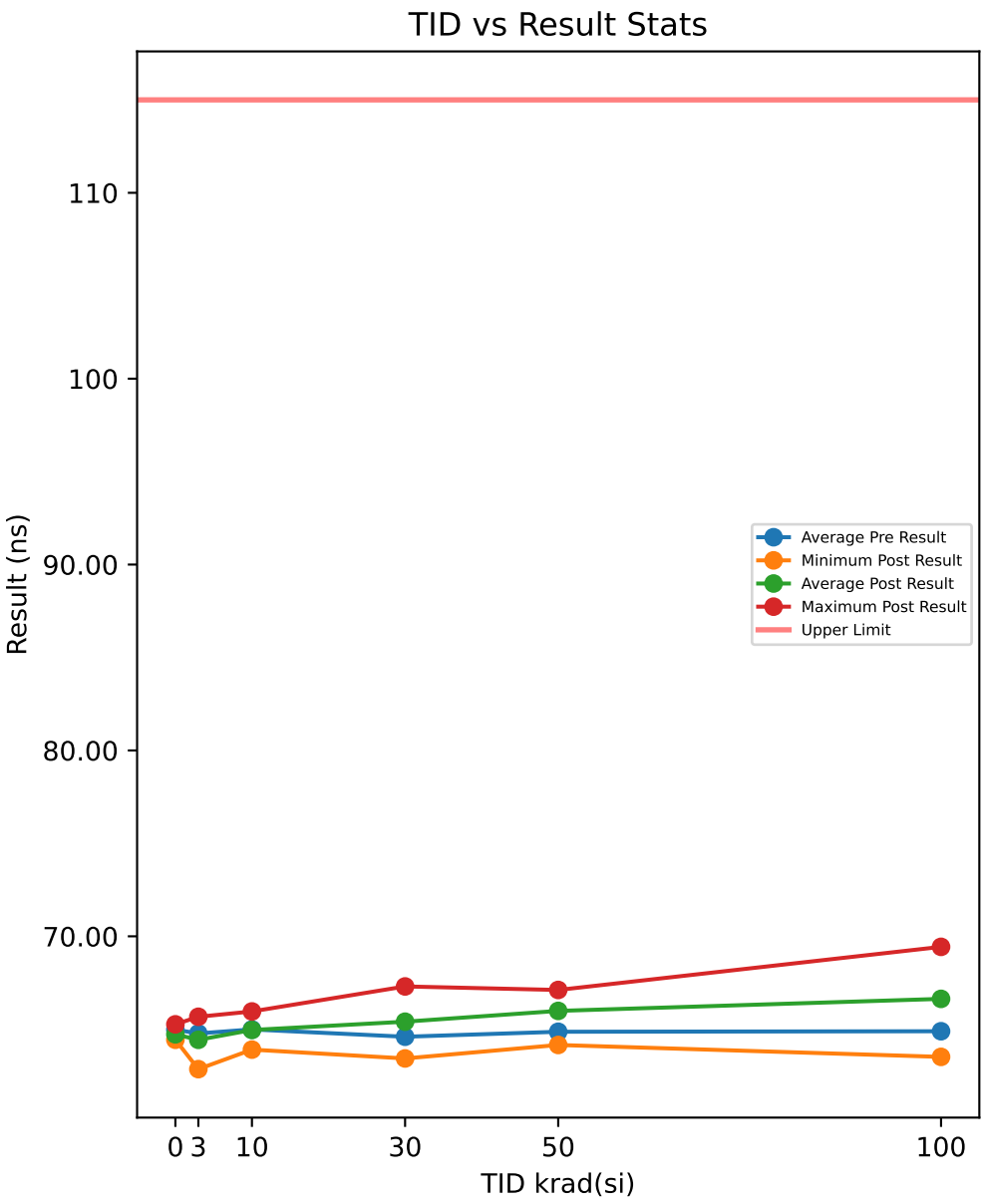
Test Results (Upper Limit = 115.0 (ns))

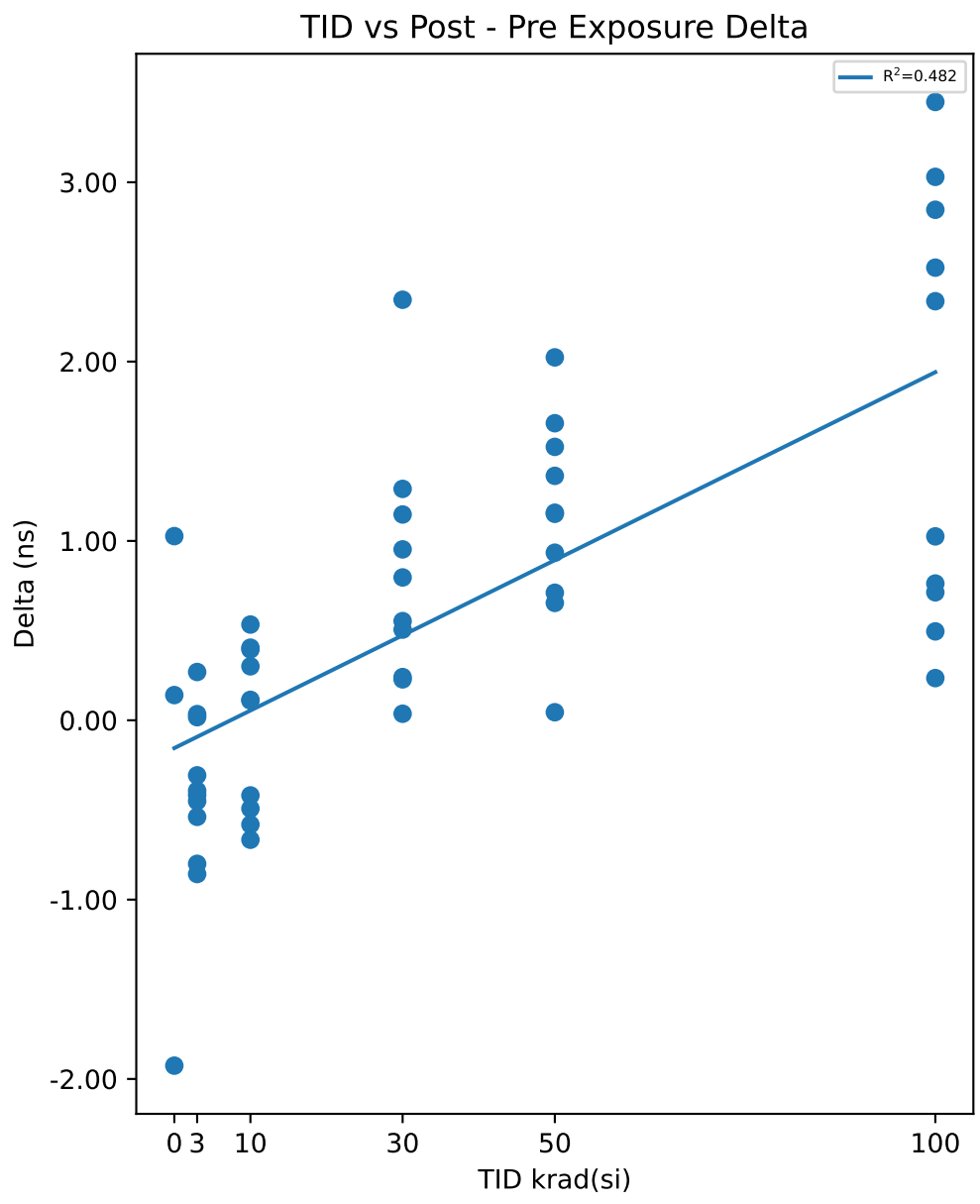
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	69.197	70.115	0.9177
2	3	HDR BIAS	70.865	70.427	-0.4379
3	3	HDR BIAS	69.293	70.112	0.8188
4	3	HDR BIAS	69.596	70.738	1.1421
5	3	HDR BIAS	70.365	71.036	0.6704
6	3	HDR UNBIAS	68.834	68.139	-0.6949
7	3	HDR UNBIAS	69.625	69.673	0.0487
8	3	HDR UNBIAS	71.249	70.516	-0.7322
9	3	HDR UNBIAS	70.249	70.311	0.0617
10	3	HDR UNBIAS	69.867	70.063	0.1956
11	10	HDR BIAS	71.521	70.6	-0.9218
12	10	HDR BIAS	69.697	70.674	0.9774
13	10	HDR BIAS	69.591	69.811	0.2203
14	10	HDR BIAS	71.089	70.462	-0.6272
15	10	HDR BIAS	69.928	69.406	-0.5225
16	10	HDR UNBIAS	70.016	71.233	1.2163
17	10	HDR UNBIAS	71.683	71.291	-0.3921
18	10	HDR UNBIAS	71.223	70.765	-0.4578
19	10	HDR UNBIAS	69.188	69.493	0.3048
20	10	HDR UNBIAS	72.118	72.221	0.1024
31	30	HDR BIAS	70.269	71.957	1.6883
32	30	HDR BIAS	71.267	72.041	0.7741
33	30	HDR BIAS	69.457	69.773	0.3165
34	30	HDR BIAS	68.487	70.627	2.1405
35	30	HDR BIAS	71.195	72.097	0.9018
36	30	HDR UNBIAS	68.552	69.545	0.9924
37	30	HDR UNBIAS	71.064	71	-0.0637
38	30	HDR UNBIAS	71.251	71.525	0.2741
39	30	HDR UNBIAS	69.844	71.028	1.184
40	30	HDR UNBIAS	69.531	69.233	-0.299
41	50	HDR BIAS	71.096	72.8	1.7038
42	50	HDR BIAS	70.838	73.25	2.4116
43	50	HDR BIAS	67.526	70.043	2.5177
44	50	HDR BIAS	71.833	72.278	0.4449
45	50	HDR BIAS	70.58	72.598	2.0175
46	50	HDR UNBIAS	70.547	71.408	0.8609
47	50	HDR UNBIAS	70.921	72.013	1.0912
48	50	HDR UNBIAS	70.723	71.995	1.2716
49	50	HDR UNBIAS	69.401	70.693	1.2926
50	50	HDR UNBIAS	71.738	71.046	-0.6929
51	100	HDR BIAS	70.033	73.322	3.2895
52	100	HDR BIAS	69.061	73.185	4.1235
53	100	HDR BIAS	72.47	75.037	2.5666
54	100	HDR BIAS	70.53	73.287	2.7575
55	100	HDR BIAS	69.586	73.772	4.186
56	100	HDR UNBIAS	72.101	72.394	0.2927
57	100	HDR UNBIAS	70.141	71.459	1.3179
58	100	HDR UNBIAS	68.259	69.782	1.5229
59	100	HDR UNBIAS	70.936	68.551	-2.3853
60	100	HDR UNBIAS	69.837	71.535	1.6983
71	0	CORRELATION	71.858	69.168	-2.6895
72	0	CORRELATION	70.284	71.118	0.8338
73	0	CORRELATION	69.905	70.808	0.9033

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	69.905	70.682	71.858	1.0356	69.168	70.365	71.118	1.0477	-2.6895	-0.31747	0.9033	2.0545
3	68.834	69.914	71.249	0.76406	68.139	70.113	71.036	0.79123	-0.7322	0.199	1.1421	0.67705
10	69.188	70.606	72.118	1.0314	69.406	70.596	72.221	0.87122	-0.9218	-0.01002	1.2163	0.70435
30	68.487	70.092	71.267	1.0875	69.233	70.883	72.097	1.066	-0.299	0.7909	2.1405	0.76339
50	67.526	70.52	71.833	1.2501	70.043	71.812	73.25	1.0044	-0.6929	1.2919	2.5177	0.96239
100	68.259	70.295	72.47	1.2881	68.551	72.232	75.037	1.9469	-2.3853	1.937	4.186	1.9646

Device Test: 28.22 TIMING|DELAY/CS/5/5/0/0/5/100kHz//@CS_ILIM_DELAY





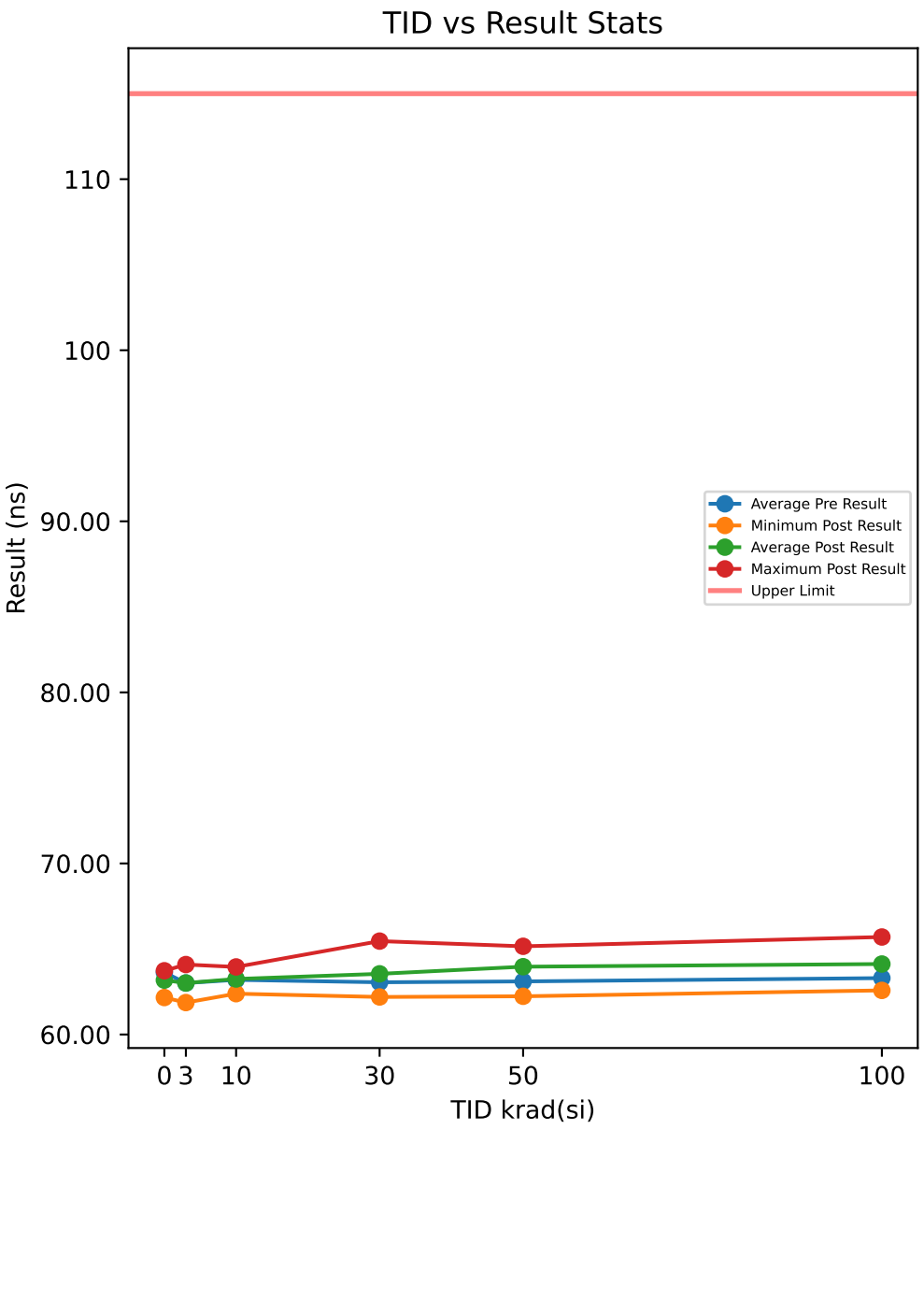
Test Results (Upper Limit = 115.0 (ns))

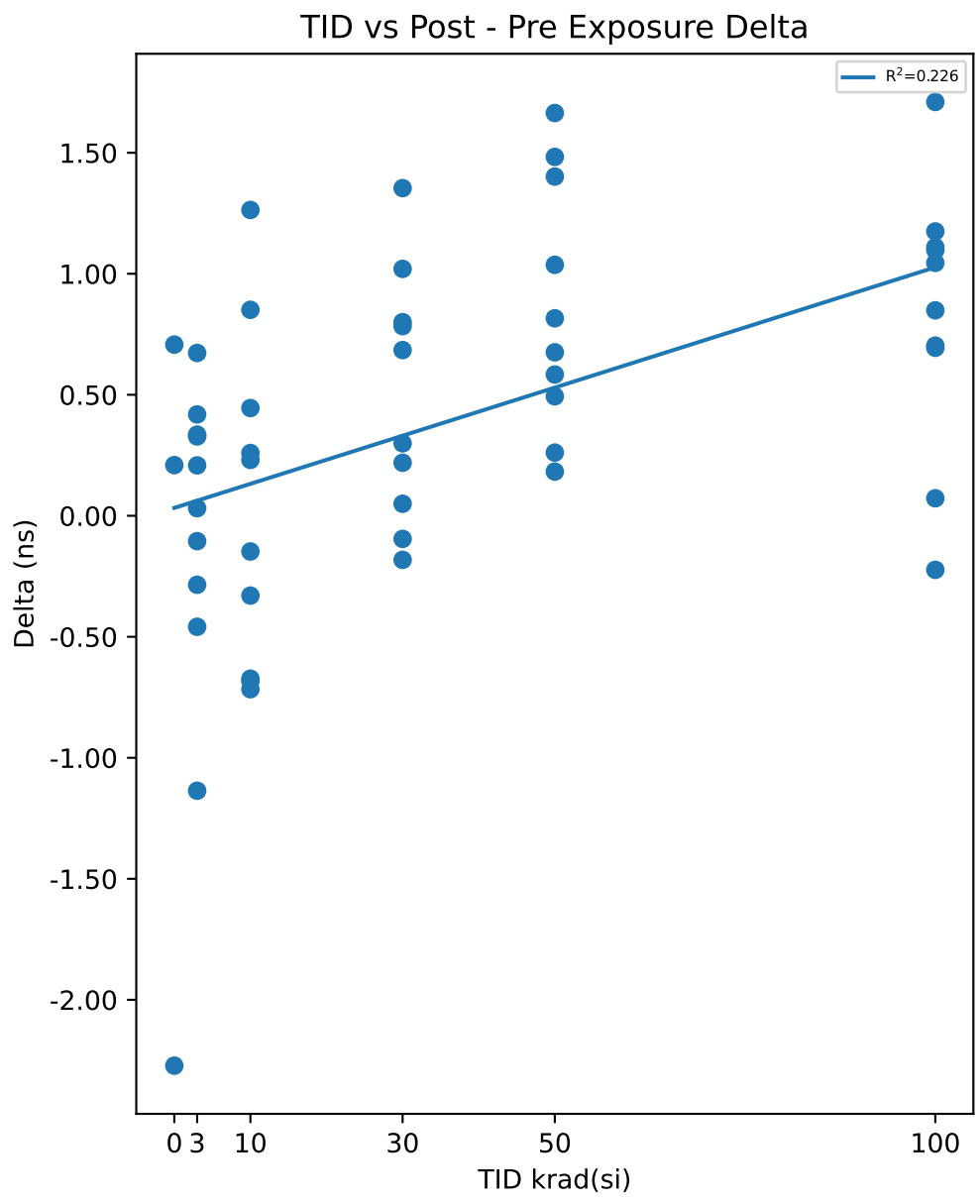
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	64.245	63.938	-0.3071
2	3	HDR BIAS	65.333	65.603	0.2692
3	3	HDR BIAS	63.99	64.024	0.0344
4	3	HDR BIAS	64.835	64.384	-0.4505
5	3	HDR BIAS	65.152	64.759	-0.3928
6	3	HDR UNBIAS	63.655	62.854	-0.8005
7	3	HDR UNBIAS	64.016	63.599	-0.4168
8	3	HDR UNBIAS	65.921	65.063	-0.8573
9	3	HDR UNBIAS	65.654	65.671	0.0173
10	3	HDR UNBIAS	64.951	64.413	-0.5385
11	10	HDR BIAS	65.687	65.194	-0.4926
12	10	HDR BIAS	64.012	64.546	0.5338
13	10	HDR BIAS	63.665	64.07	0.4048
14	10	HDR BIAS	65.844	65.958	0.1138
15	10	HDR BIAS	64.369	63.95	-0.419
16	10	HDR UNBIAS	64.706	65.007	0.3009
17	10	HDR UNBIAS	66.528	65.947	-0.5814
18	10	HDR UNBIAS	65.065	65.175	0.1104
19	10	HDR UNBIAS	63.509	63.904	0.3951
20	10	HDR UNBIAS	66.52	65.854	-0.6661
31	30	HDR BIAS	64.817	65.965	1.1475
32	30	HDR BIAS	66.17	66.411	0.2409
33	30	HDR BIAS	64.128	65.081	0.9529
34	30	HDR BIAS	62.067	64.412	2.3448
35	30	HDR BIAS	66.507	67.303	0.7965
36	30	HDR UNBIAS	63.201	63.429	0.2282
37	30	HDR UNBIAS	64.83	66.12	1.2902
38	30	HDR UNBIAS	65.877	65.914	0.0364
39	30	HDR UNBIAS	64.426	64.979	0.553
40	30	HDR UNBIAS	63.95	64.455	0.5057
41	50	HDR BIAS	65.751	67.114	1.3629
42	50	HDR BIAS	65.747	66.898	1.1512
43	50	HDR BIAS	62.131	64.154	2.0235
44	50	HDR BIAS	65.382	66.906	1.5245
45	50	HDR BIAS	65.154	66.811	1.6563
46	50	HDR UNBIAS	64.214	64.925	0.7111
47	50	HDR UNBIAS	66.057	66.102	0.0448
48	50	HDR UNBIAS	65.306	66.464	1.1573
49	50	HDR UNBIAS	63.325	64.259	0.9343
50	50	HDR UNBIAS	65.586	66.24	0.6544
51	100	HDR BIAS	65.173	68.203	3.03
52	100	HDR BIAS	64.177	66.701	2.5238
53	100	HDR BIAS	66.587	69.433	2.8466
54	100	HDR BIAS	64.97	68.418	3.4476
55	100	HDR BIAS	64.809	67.146	2.3366
56	100	HDR UNBIAS	66.121	66.883	0.7625
57	100	HDR UNBIAS	64.777	65.273	0.4956
58	100	HDR UNBIAS	62.489	63.514	1.0254
59	100	HDR UNBIAS	64.786	65.499	0.7135
60	100	HDR UNBIAS	65.044	65.279	0.2352
71	0	CORRELATION	66.36	64.434	-1.9258
72	0	CORRELATION	64.238	65.265	1.0268
73	0	CORRELATION	64.338	64.478	0.1405

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	64.238	64.979	66.36	1.1974	64.434	64.726	65.265	0.46722	-1.9258	-0.25283	1.0268	1.5151
3	63.655	64.775	65.921	0.76759	62.854	64.431	65.671	0.88245	-0.8573	-0.34426	0.2692	0.36207
10	63.509	64.991	66.528	1.1205	63.904	64.961	65.958	0.81458	-0.6661	-0.03003	0.5338	0.46086
30	62.067	64.597	66.507	1.3697	63.429	65.407	67.303	1.1441	0.0364	0.80961	2.3448	0.67825
50	62.131	64.865	66.057	1.2614	64.154	65.987	67.114	1.1254	0.0448	1.122	2.0235	0.56798
100	62.489	64.893	66.587	1.0959	63.514	66.635	69.433	1.7801	0.2352	1.7417	3.4476	1.2068

Device Test: 28.23 TIMING|DELAY/CS/12/12/0/0/5/100kHz//@CS_ILIM_DELAY





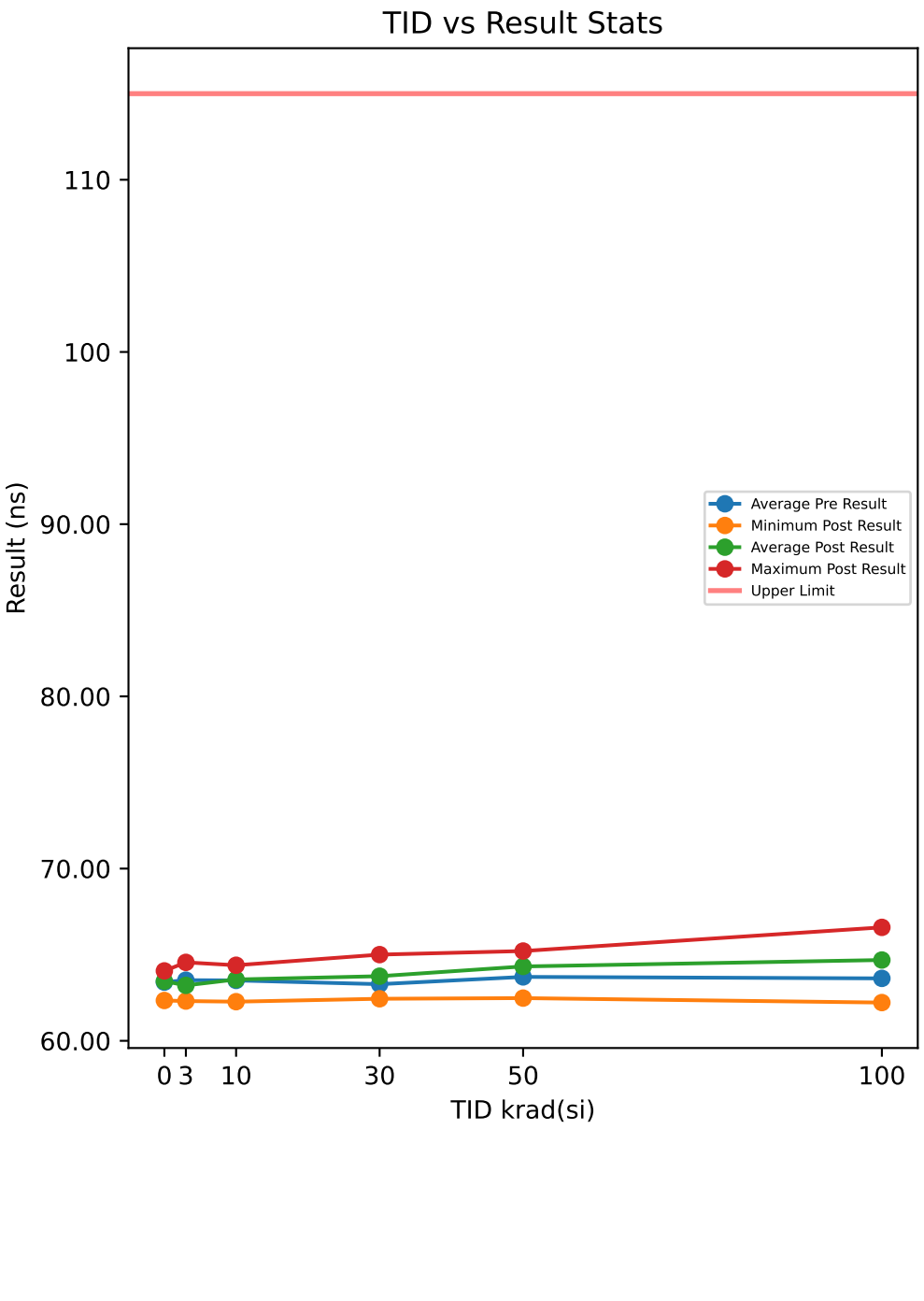
Test Results (Upper Limit = 115.0 (ns))

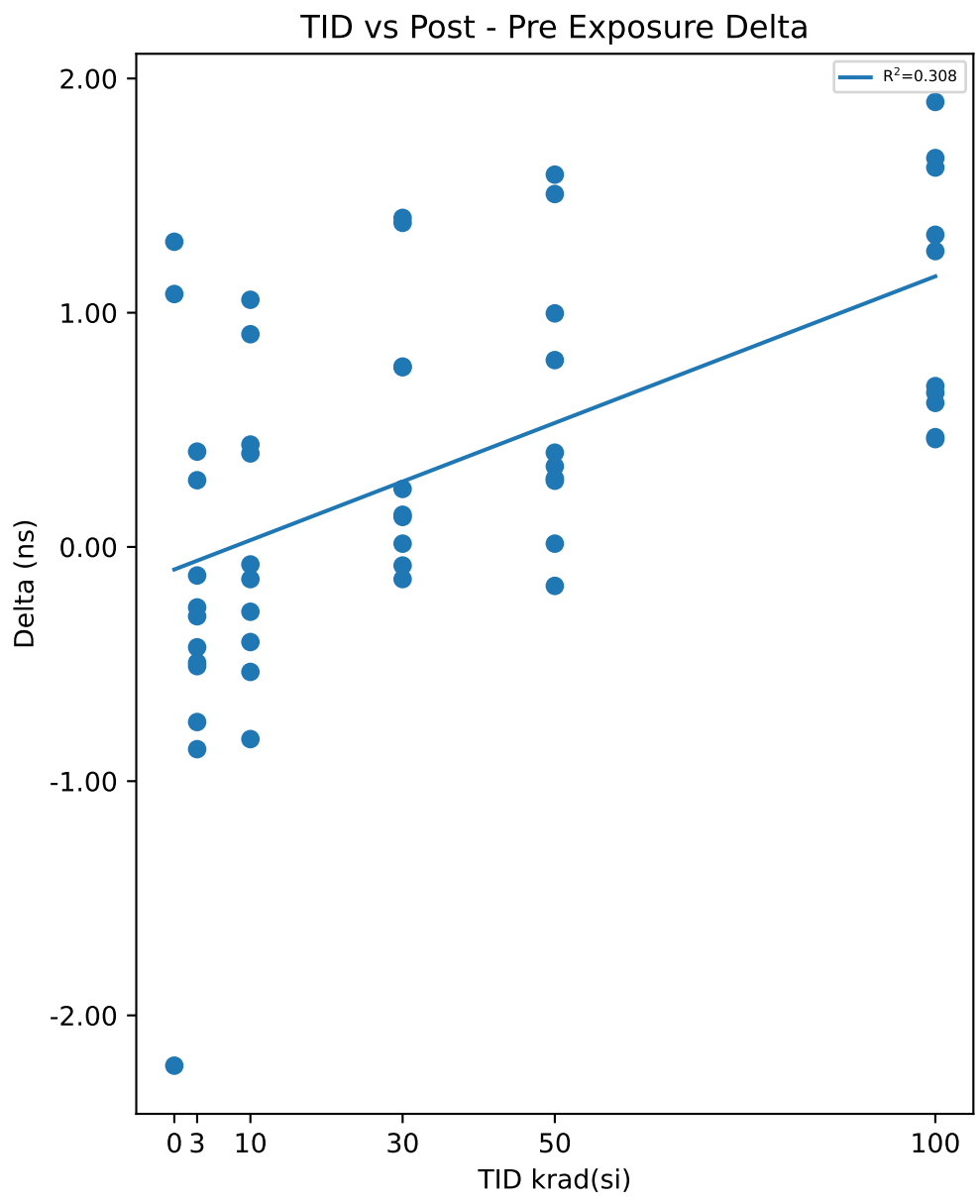
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	61.978	62.306	0.3279
2	3	HDR BIAS	64.545	63.409	-1.1361
3	3	HDR BIAS	62.163	62.194	0.0314
4	3	HDR BIAS	62.706	63.042	0.3354
5	3	HDR BIAS	64.234	63.949	-0.2851
6	3	HDR UNBIAS	61.904	62.113	0.2083
7	3	HDR UNBIAS	62.326	61.867	-0.4587
8	3	HDR UNBIAS	63.372	63.791	0.4188
9	3	HDR UNBIAS	64.194	64.089	-0.1048
10	3	HDR UNBIAS	62.668	63.341	0.6727
11	10	HDR BIAS	63.879	63.549	-0.3298
12	10	HDR BIAS	62.328	62.588	0.2594
13	10	HDR BIAS	62.531	62.762	0.2309
14	10	HDR BIAS	63.432	63.285	-0.1475
15	10	HDR BIAS	63.103	62.387	-0.7166
16	10	HDR UNBIAS	62.769	63.214	0.4452
17	10	HDR UNBIAS	64.608	63.924	-0.6835
18	10	HDR UNBIAS	62.998	63.849	0.8511
19	10	HDR UNBIAS	61.689	62.952	1.2636
20	10	HDR UNBIAS	64.624	63.951	-0.6732
31	30	HDR BIAS	63.288	63.973	0.6847
32	30	HDR BIAS	64.535	64.44	-0.0955
33	30	HDR BIAS	62.377	62.195	-0.1821
34	30	HDR BIAS	61.391	62.411	1.0201
35	30	HDR BIAS	64.66	65.46	0.8002
36	30	HDR UNBIAS	62.217	62.436	0.219
37	30	HDR UNBIAS	62.719	63.502	0.7837
38	30	HDR UNBIAS	64.191	64.241	0.0497
39	30	HDR UNBIAS	63.547	63.846	0.2994
40	30	HDR UNBIAS	61.613	62.967	1.3539
41	50	HDR BIAS	63.571	64.154	0.5837
42	50	HDR BIAS	63.687	65.088	1.4017
43	50	HDR BIAS	60.571	62.235	1.6643
44	50	HDR BIAS	63.732	64.225	0.4937
45	50	HDR BIAS	63.674	65.157	1.4829
46	50	HDR UNBIAS	62.715	63.39	0.6755
47	50	HDR UNBIAS	64.091	64.907	0.816
48	50	HDR UNBIAS	63.804	64.065	0.261
49	50	HDR UNBIAS	61.437	62.474	1.0369
50	50	HDR UNBIAS	63.762	63.945	0.1826
51	100	HDR BIAS	62.732	64.442	1.7099
52	100	HDR BIAS	62.494	63.343	0.8489
53	100	HDR BIAS	65.006	65.7	0.6941
54	100	HDR BIAS	63.708	64.883	1.1749
55	100	HDR BIAS	63.085	64.183	1.0979
56	100	HDR UNBIAS	65.21	64.986	-0.2233
57	100	HDR UNBIAS	63.227	63.299	0.0723
58	100	HDR UNBIAS	61.534	62.579	1.0451
59	100	HDR UNBIAS	62.922	64.032	1.1098
60	100	HDR UNBIAS	63.055	63.758	0.703
71	0	CORRELATION	64.434	62.161	-2.2721
72	0	CORRELATION	63.02	63.727	0.7073
73	0	CORRELATION	63.437	63.647	0.2094

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.02	63.63	64.434	0.72645	62.161	63.178	63.727	0.88157	-2.2721	-0.4518	0.7073	1.596
3	61.904	63.009	64.545	1.0038	61.867	63.01	64.089	0.8298	-1.1361	0.00098	0.6727	0.52554
10	61.689	63.196	64.624	0.95745	62.387	63.246	63.951	0.56823	-0.7166	0.04996	1.2636	0.68145
30	61.391	63.054	64.66	1.1775	62.195	63.547	65.46	1.0489	-0.1821	0.49331	1.3539	0.51053
50	60.571	63.104	64.091	1.1797	62.235	63.964	65.157	1.0129	0.1826	0.85983	1.6643	0.51895
100	61.534	63.297	65.21	1.1091	62.579	64.12	65.7	0.92671	-0.2233	0.82326	1.7099	0.55853

Device Test: 28.24 TIMING|DELAY/CS/14/14/0/0/5/100kHz//@CS_ILIM_DELAY





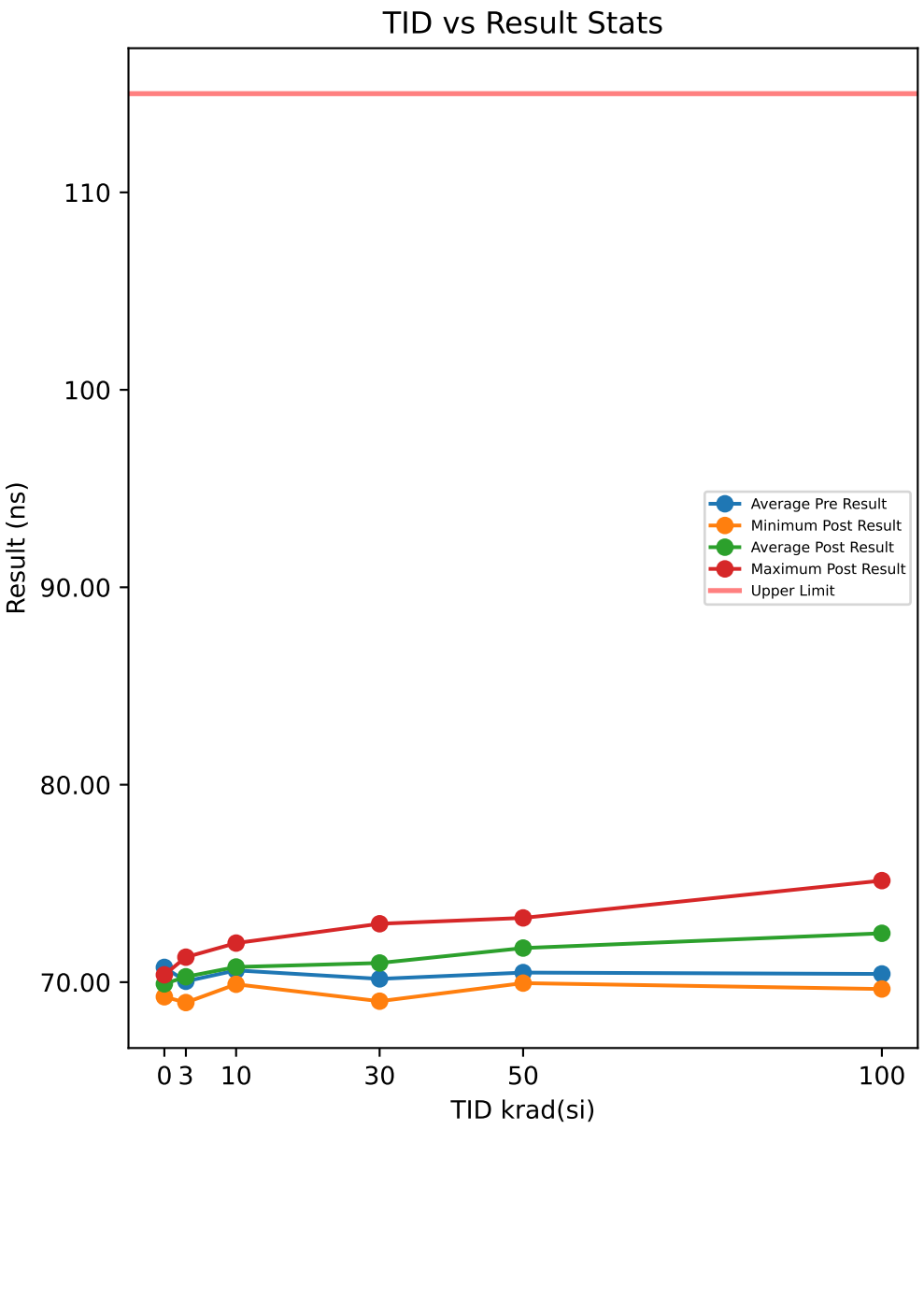
Test Results (Upper Limit = 115.0 (ns))

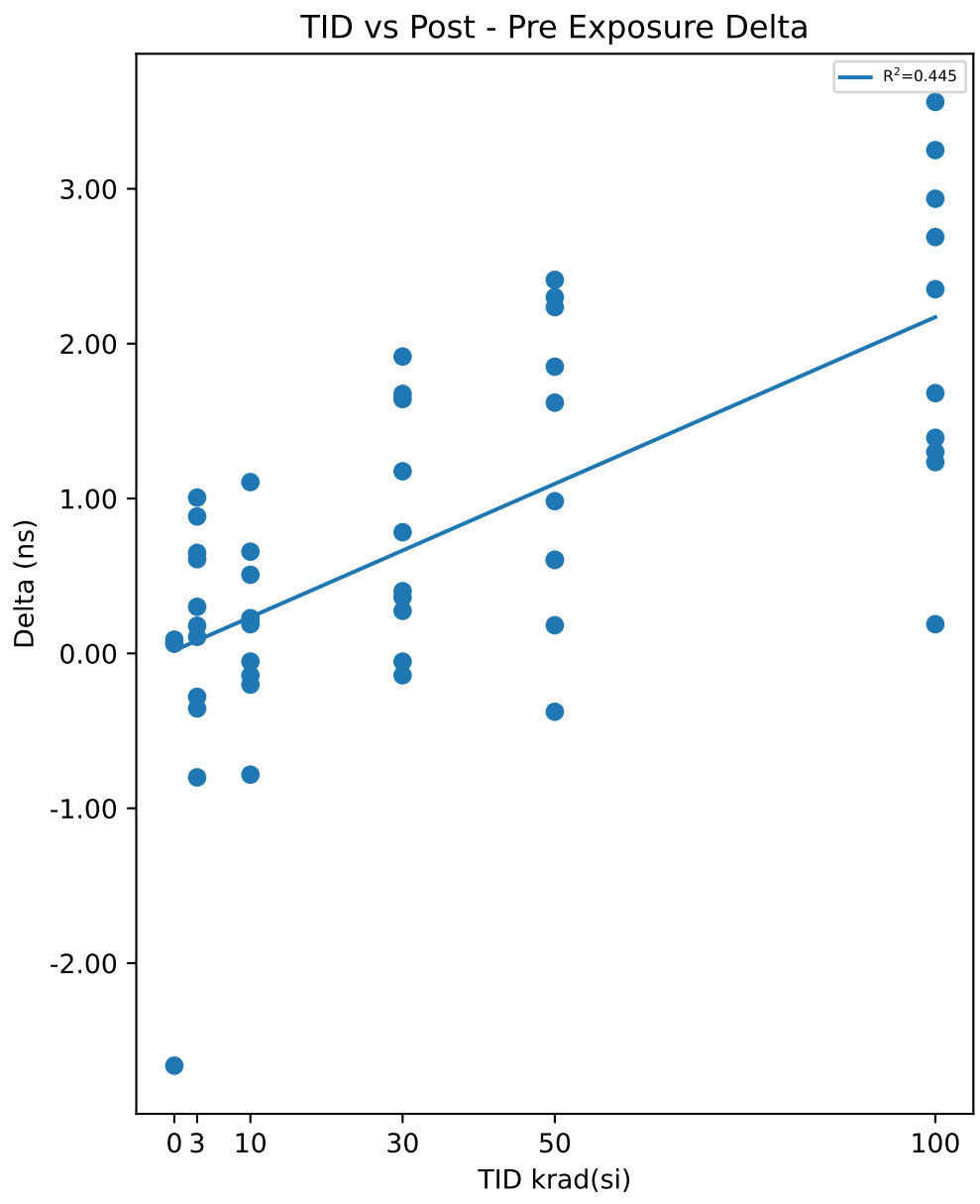
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	62.867	62.438	-0.4285
2	3	HDR BIAS	64.85	64.554	-0.296
3	3	HDR BIAS	63.056	62.308	-0.7476
4	3	HDR BIAS	63.753	63.259	-0.4938
5	3	HDR BIAS	63.74	64.147	0.407
6	3	HDR UNBIAS	62.434	62.312	-0.1219
7	3	HDR UNBIAS	62.585	62.87	0.2848
8	3	HDR UNBIAS	63.872	63.363	-0.509
9	3	HDR UNBIAS	64.538	63.675	-0.8635
10	3	HDR UNBIAS	63.504	63.246	-0.2582
11	10	HDR BIAS	64.352	64.076	-0.2767
12	10	HDR BIAS	62.916	62.778	-0.1374
13	10	HDR BIAS	61.873	62.272	0.3992
14	10	HDR BIAS	64.24	63.834	-0.4061
15	10	HDR BIAS	62.513	63.421	0.9082
16	10	HDR UNBIAS	63.736	63.203	-0.5336
17	10	HDR UNBIAS	64.463	64.388	-0.0748
18	10	HDR UNBIAS	63.566	64.003	0.4371
19	10	HDR UNBIAS	62.317	63.373	1.0552
20	10	HDR UNBIAS	65.085	64.265	-0.8204
31	30	HDR BIAS	63.412	64.796	1.3837
32	30	HDR BIAS	64.968	64.889	-0.0794
33	30	HDR BIAS	61.946	62.714	0.7672
34	30	HDR BIAS	61.702	63.107	1.4049
35	30	HDR BIAS	64.877	65.005	0.128
36	30	HDR UNBIAS	62.487	62.735	0.2476
37	30	HDR UNBIAS	63.13	63.9	0.77
38	30	HDR UNBIAS	64.379	64.516	0.1373
39	30	HDR UNBIAS	63.555	63.418	-0.1373
40	30	HDR UNBIAS	62.427	62.441	0.014
41	50	HDR BIAS	64.758	64.592	-0.1663
42	50	HDR BIAS	64.526	64.809	0.2827
43	50	HDR BIAS	60.889	62.479	1.5895
44	50	HDR BIAS	64.802	65.094	0.292
45	50	HDR BIAS	64.693	64.707	0.014
46	50	HDR UNBIAS	63.165	63.568	0.4025
47	50	HDR UNBIAS	64.294	64.638	0.3443
48	50	HDR UNBIAS	64.215	65.212	0.9972
49	50	HDR UNBIAS	61.821	63.327	1.5068
50	50	HDR UNBIAS	63.948	64.745	0.7977
51	100	HDR BIAS	63.307	64.64	1.3328
52	100	HDR BIAS	62.719	64.339	1.6198
53	100	HDR BIAS	65.324	66.587	1.2631
54	100	HDR BIAS	63.901	65.8	1.8998
55	100	HDR BIAS	63.321	64.981	1.6603
56	100	HDR UNBIAS	65.295	65.763	0.4687
57	100	HDR UNBIAS	63.716	64.176	0.4604
58	100	HDR UNBIAS	61.605	62.22	0.615
59	100	HDR UNBIAS	63.701	64.388	0.6866
60	100	HDR UNBIAS	63.358	64.016	0.6581
71	0	CORRELATION	64.555	62.34	-2.2147
72	0	CORRELATION	62.684	63.987	1.303
73	0	CORRELATION	62.979	64.059	1.0798

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.684	63.406	64.555	1.0059	62.34	63.462	64.059	0.97215	-2.2147	0.056033	1.303	1.9697
3	62.434	63.52	64.85	0.79775	62.308	63.217	64.554	0.76439	-0.8635	-0.30267	0.407	0.40701
10	61.873	63.506	65.085	1.0613	62.272	63.561	64.388	0.68086	-0.8204	0.05507	1.0552	0.62201
30	61.702	63.288	64.968	1.1713	62.441	63.752	65.005	0.99537	-0.1373	0.4636	1.4049	0.58143
50	60.889	63.711	64.802	1.3499	62.479	64.317	65.212	0.88703	-0.1663	0.60604	1.5895	0.59893
100	61.605	63.625	65.324	1.102	62.22	64.691	66.587	1.2066	0.4604	1.0665	1.8998	0.54796

Device Test: 28.25 TIMING|DELAY/CS/4.5/4.5/0/0/4.5/500kHz//@CS_ILIM_DELAY





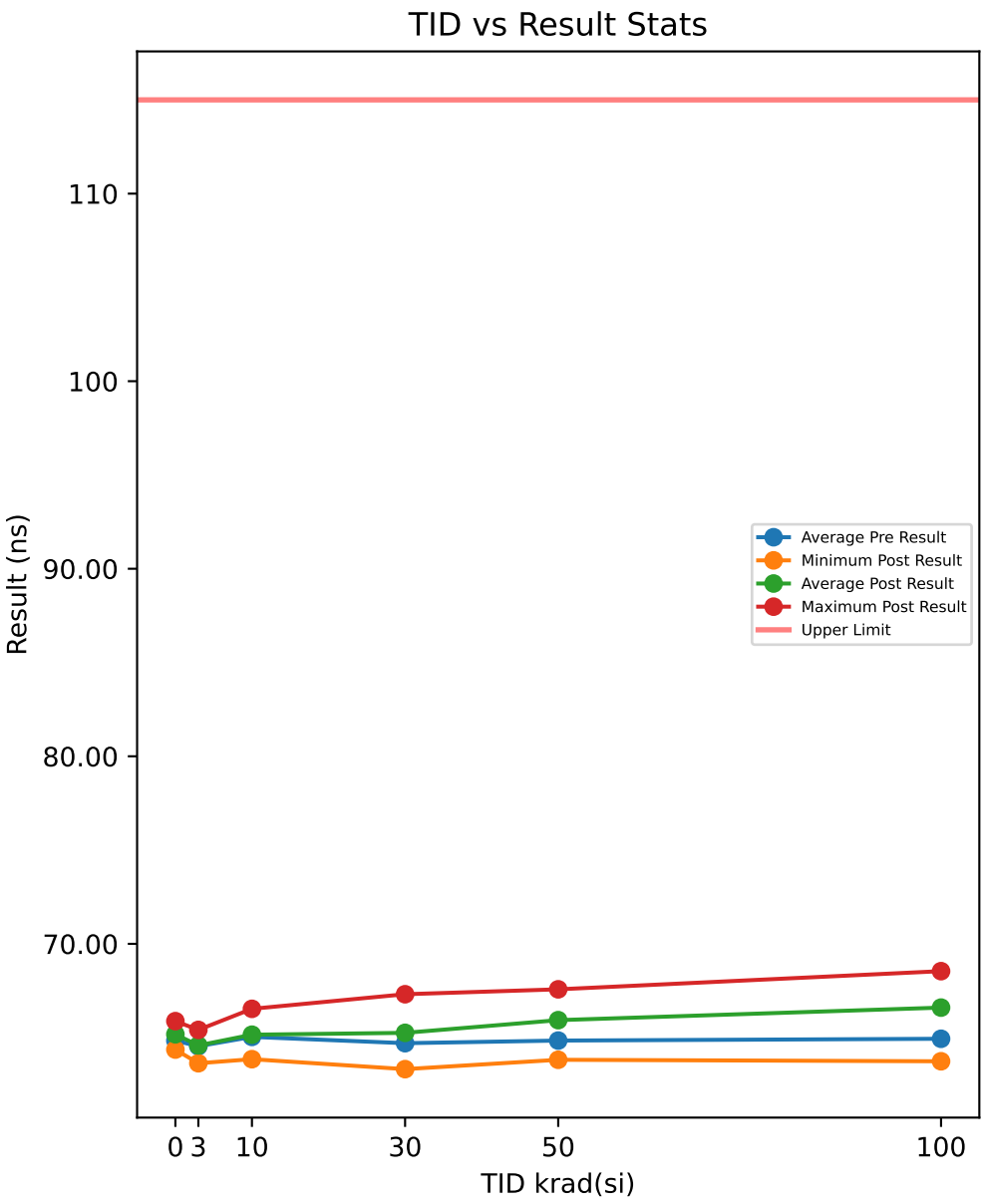
Test Results (Upper Limit = 115.0 (ns))

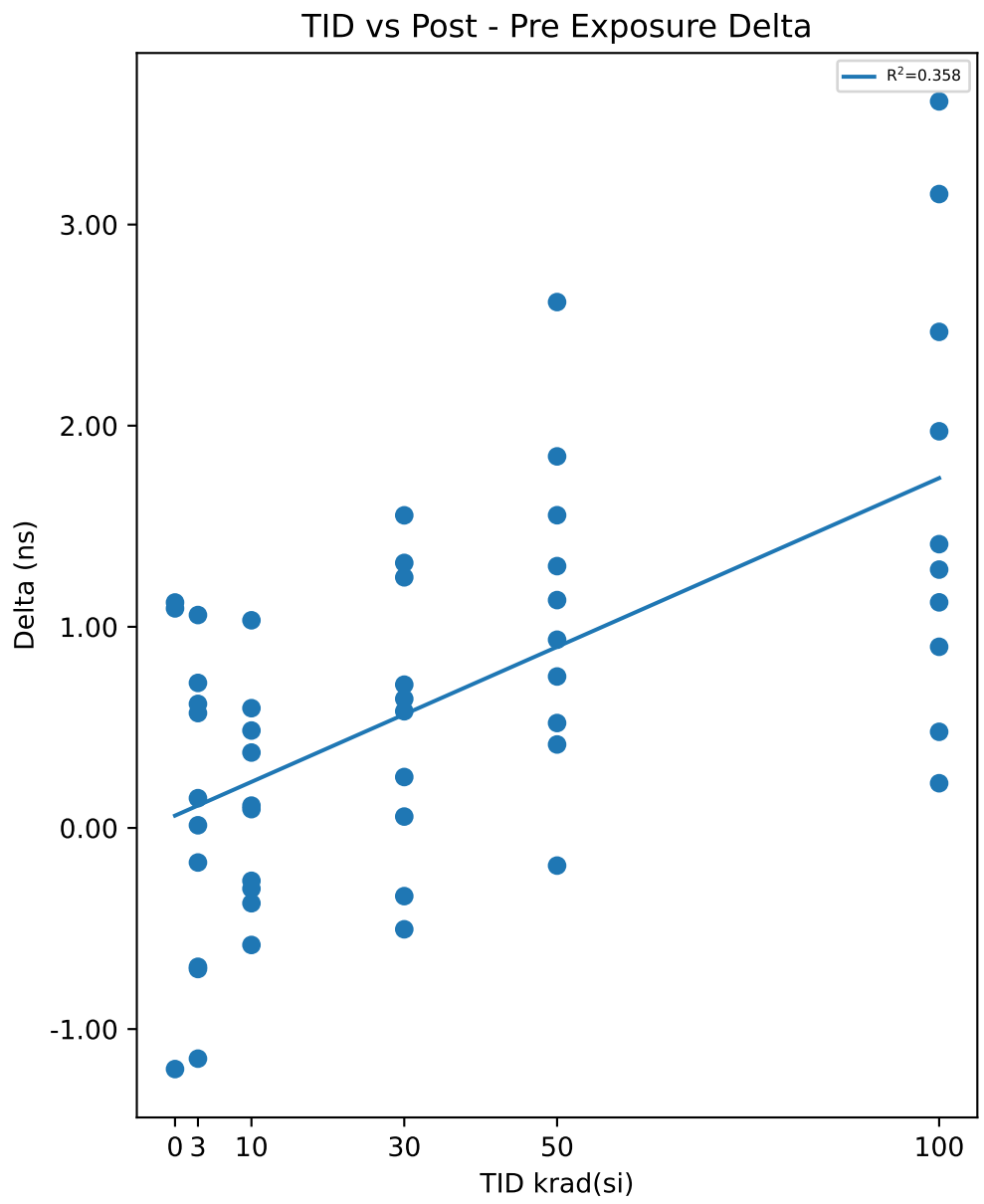
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	70.034	70.213	0.1788
2	3	HDR BIAS	71.547	71.266	-0.2805
3	3	HDR BIAS	70.019	69.219	-0.8006
4	3	HDR BIAS	70.237	69.881	-0.3555
5	3	HDR BIAS	70.244	70.351	0.107
6	3	HDR UNBIAS	68.083	68.967	0.8841
7	3	HDR UNBIAS	69.427	69.727	0.3008
8	3	HDR UNBIAS	70.615	71.223	0.6081
9	3	HDR UNBIAS	70.344	70.993	0.6491
10	3	HDR UNBIAS	69.887	70.893	1.0059
11	10	HDR BIAS	70.535	70.746	0.2105
12	10	HDR BIAS	69.705	69.894	0.1884
13	10	HDR BIAS	69.487	70.144	0.6569
14	10	HDR BIAS	71.375	71.233	-0.1423
15	10	HDR BIAS	68.832	69.938	1.1062
16	10	HDR UNBIAS	70.817	70.615	-0.2015
17	10	HDR UNBIAS	71.752	71.98	0.2275
18	10	HDR UNBIAS	71.581	71.529	-0.0526
19	10	HDR UNBIAS	69.721	70.229	0.508
20	10	HDR UNBIAS	72.17	71.387	-0.783
31	30	HDR BIAS	70.576	72.493	1.9167
32	30	HDR BIAS	71.904	71.851	-0.0532
33	30	HDR BIAS	68.747	70.423	1.6756
34	30	HDR BIAS	69.053	69.836	0.7825
35	30	HDR BIAS	71.317	72.959	1.6419
36	30	HDR UNBIAS	68.465	69.642	1.1762
37	30	HDR UNBIAS	71.279	71.554	0.2745
38	30	HDR UNBIAS	71.056	71.418	0.362
39	30	HDR UNBIAS	70.638	70.497	-0.1414
40	30	HDR UNBIAS	68.634	69.036	0.4018
41	50	HDR BIAS	70.513	72.813	2.3003
42	50	HDR BIAS	71.403	73.254	1.8512
43	50	HDR BIAS	67.54	69.952	2.4118
44	50	HDR BIAS	70.848	73.084	2.2358
45	50	HDR BIAS	70.895	72.513	1.6189
46	50	HDR UNBIAS	70.421	70.602	0.1816
47	50	HDR UNBIAS	70.889	71.492	0.6034
48	50	HDR UNBIAS	71.492	72.097	0.6044
49	50	HDR UNBIAS	69.461	70.444	0.9828
50	50	HDR UNBIAS	71.394	71.017	-0.3766
51	100	HDR BIAS	70.897	73.248	2.3516
52	100	HDR BIAS	69.685	72.373	2.6883
53	100	HDR BIAS	71.894	75.144	3.2498
54	100	HDR BIAS	71.258	74.194	2.9356
55	100	HDR BIAS	70.181	73.741	3.5606
56	100	HDR UNBIAS	71.629	72.93	1.301
57	100	HDR UNBIAS	70.669	70.858	0.1885
58	100	HDR UNBIAS	68.262	69.654	1.3922
59	100	HDR UNBIAS	70.077	71.757	1.6806
60	100	HDR UNBIAS	69.614	70.849	1.2351
71	0	CORRELATION	71.922	69.26	-2.662
72	0	CORRELATION	70.309	70.372	0.0627
73	0	CORRELATION	70.016	70.105	0.0886

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	70.016	70.749	71.922	1.0262	69.26	69.912	70.372	0.58054	-2.662	-0.8369	0.0886	1.5806
3	68.083	70.044	71.547	0.88213	68.967	70.273	71.266	0.8212	-0.8006	0.22972	1.0059	0.58088
10	68.832	70.598	72.17	1.1227	69.894	70.769	71.98	0.73042	-0.783	0.17181	1.1062	0.51922
30	68.465	70.167	71.904	1.3021	69.036	70.971	72.959	1.2869	-0.1414	0.80366	1.9167	0.75314
50	67.54	70.486	71.492	1.1959	69.952	71.727	73.254	1.1893	-0.3766	1.2414	2.4118	0.97838
100	68.262	70.416	71.894	1.0879	69.654	72.475	75.144	1.7071	0.1885	2.0583	3.5606	1.0679

Device Test: 28.26 TIMING|DELAY/CS/5/5/0/0/5/500kHz//@CS_ILIM_DELAY





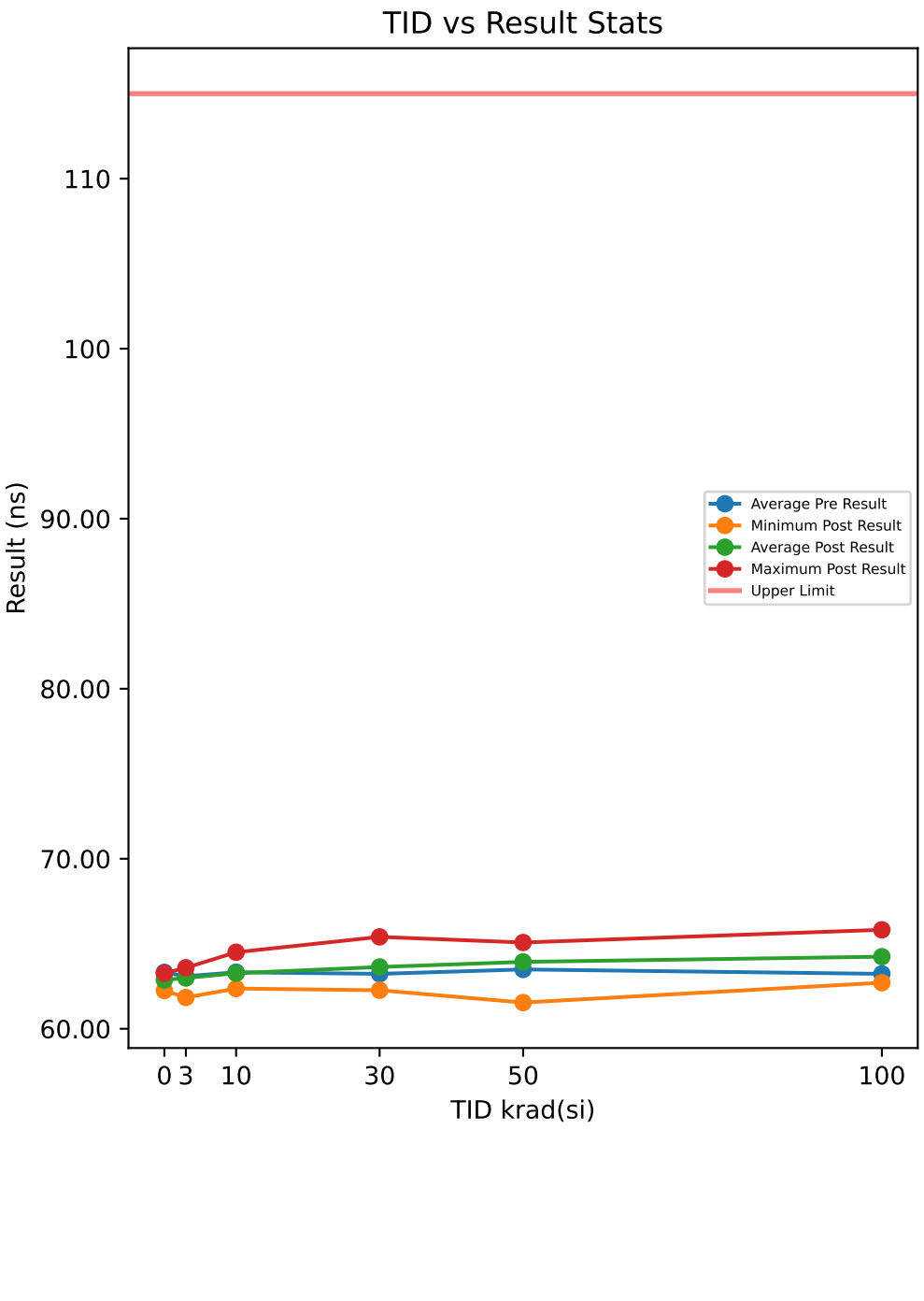
Test Results (Upper Limit = 115.0 (ns))

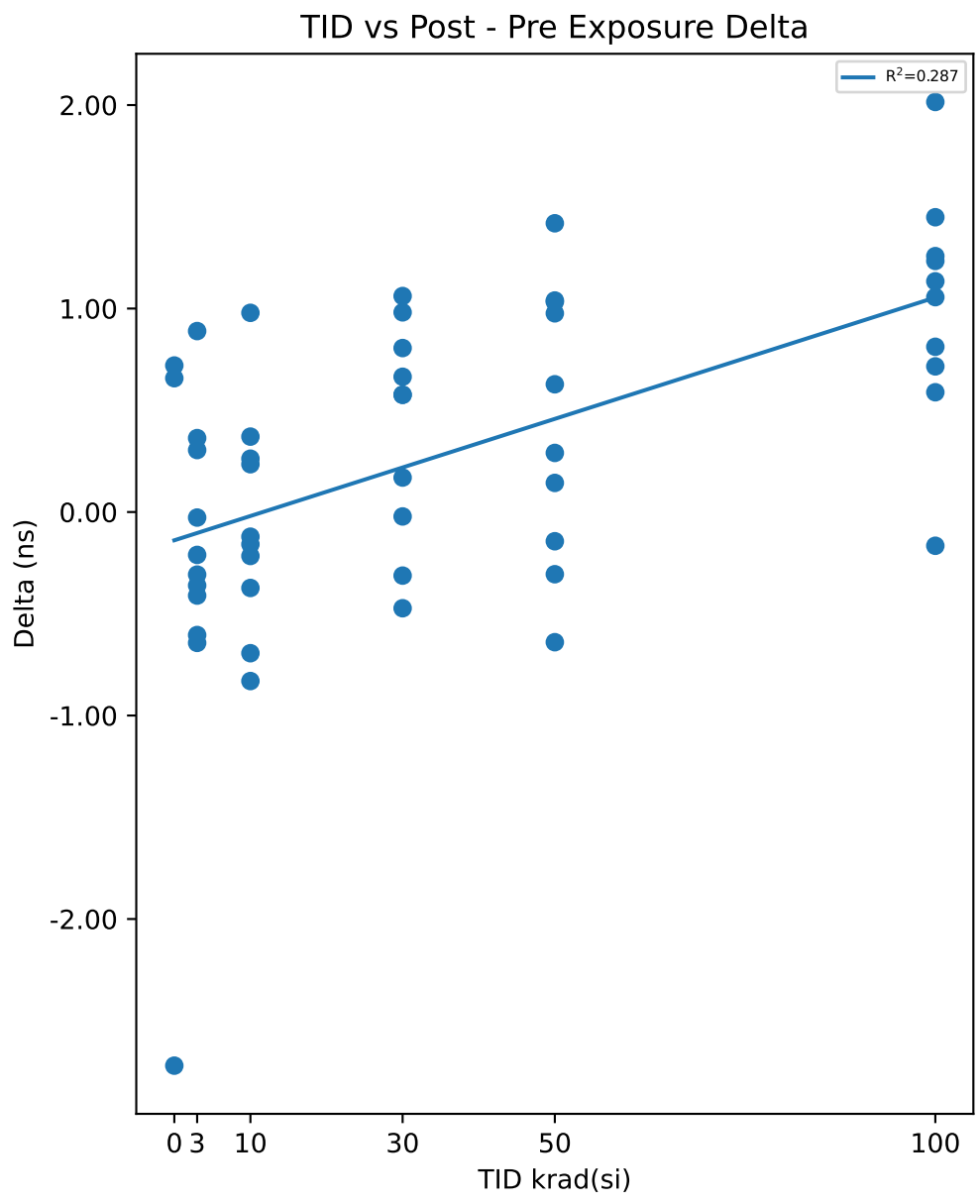
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.616	63.764	0.148
2	3	HDR BIAS	65.705	65.015	-0.6904
3	3	HDR BIAS	63.876	64.597	0.721
4	3	HDR BIAS	64.936	64.235	-0.7014
5	3	HDR BIAS	64.794	65.411	0.6167
6	3	HDR UNBIAS	63.805	63.633	-0.1719
7	3	HDR UNBIAS	63.378	63.949	0.571
8	3	HDR UNBIAS	65.24	65.254	0.0132
9	3	HDR UNBIAS	65.851	64.704	-1.1471
10	3	HDR UNBIAS	64.207	65.265	1.0585
11	10	HDR BIAS	65.156	65.751	0.5954
12	10	HDR BIAS	64.961	65.055	0.0935
13	10	HDR BIAS	63.475	63.85	0.3748
14	10	HDR BIAS	65.099	65.21	0.1109
15	10	HDR BIAS	63.648	64.68	1.0324
16	10	HDR UNBIAS	65.259	64.885	-0.3744
17	10	HDR UNBIAS	66.071	65.808	-0.2629
18	10	HDR UNBIAS	65.949	65.367	-0.5819
19	10	HDR UNBIAS	63.93	64.415	0.4843
20	10	HDR UNBIAS	66.837	66.535	-0.302
31	30	HDR BIAS	64.623	65.941	1.3176
32	30	HDR BIAS	65.759	67.313	1.5542
33	30	HDR BIAS	64.263	64.319	0.0565
34	30	HDR BIAS	63.704	64.346	0.6417
35	30	HDR BIAS	66.555	67.135	0.5801
36	30	HDR UNBIAS	63.823	63.319	-0.504
37	30	HDR UNBIAS	64.71	65.422	0.7124
38	30	HDR UNBIAS	65.092	65.345	0.2531
39	30	HDR UNBIAS	64.41	65.656	1.2459
40	30	HDR UNBIAS	64.088	63.749	-0.3391
41	50	HDR BIAS	65.165	67.012	1.8473
42	50	HDR BIAS	65.768	66.901	1.1328
43	50	HDR BIAS	62.882	63.818	0.9358
44	50	HDR BIAS	65.39	66.691	1.3017
45	50	HDR BIAS	64.96	67.575	2.6146
46	50	HDR UNBIAS	64.359	64.881	0.5216
47	50	HDR UNBIAS	66.183	65.995	-0.1873
48	50	HDR UNBIAS	65.159	65.912	0.7529
49	50	HDR UNBIAS	63.305	64.86	1.5548
50	50	HDR UNBIAS	65.251	65.665	0.4149
51	100	HDR BIAS	65.277	67.249	1.9721
52	100	HDR BIAS	63.743	67.355	3.6123
53	100	HDR BIAS	67.132	68.543	1.4109
54	100	HDR BIAS	65.18	68.332	3.1516
55	100	HDR BIAS	64.802	67.269	2.4664
56	100	HDR UNBIAS	66.208	66.686	0.4779
57	100	HDR UNBIAS	64.681	65.966	1.2844
58	100	HDR UNBIAS	62.838	63.738	0.9006
59	100	HDR UNBIAS	65.321	65.543	0.2222
60	100	HDR UNBIAS	64.195	65.317	1.1216
71	0	CORRELATION	65.561	64.362	-1.1989
72	0	CORRELATION	64.758	65.879	1.1209
73	0	CORRELATION	64.196	65.287	1.0915

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	64.196	64.838	65.561	0.68639	64.362	65.176	65.879	0.76427	-1.1989	0.33783	1.1209	1.3309
3	63.378	64.541	65.851	0.88714	63.633	64.583	65.411	0.65809	-1.1471	0.04176	1.0585	0.71997
10	63.475	65.039	66.837	1.0957	63.85	65.156	66.535	0.76687	-0.5819	0.11701	1.0324	0.50757
30	63.704	64.703	66.555	0.89016	63.319	65.254	67.313	1.3398	-0.504	0.55184	1.5542	0.69527
50	62.882	64.842	66.183	1.0423	63.818	65.931	67.575	1.1634	-0.1873	1.0889	2.6146	0.7964
100	62.838	64.938	67.132	1.2121	63.738	66.6	68.543	1.4749	0.2222	1.662	3.6123	1.1214

Device Test: 28.27 TIMING|DELAY/CS/12/12/0/0/5/500kHz//@CS_ILIM_DELAY





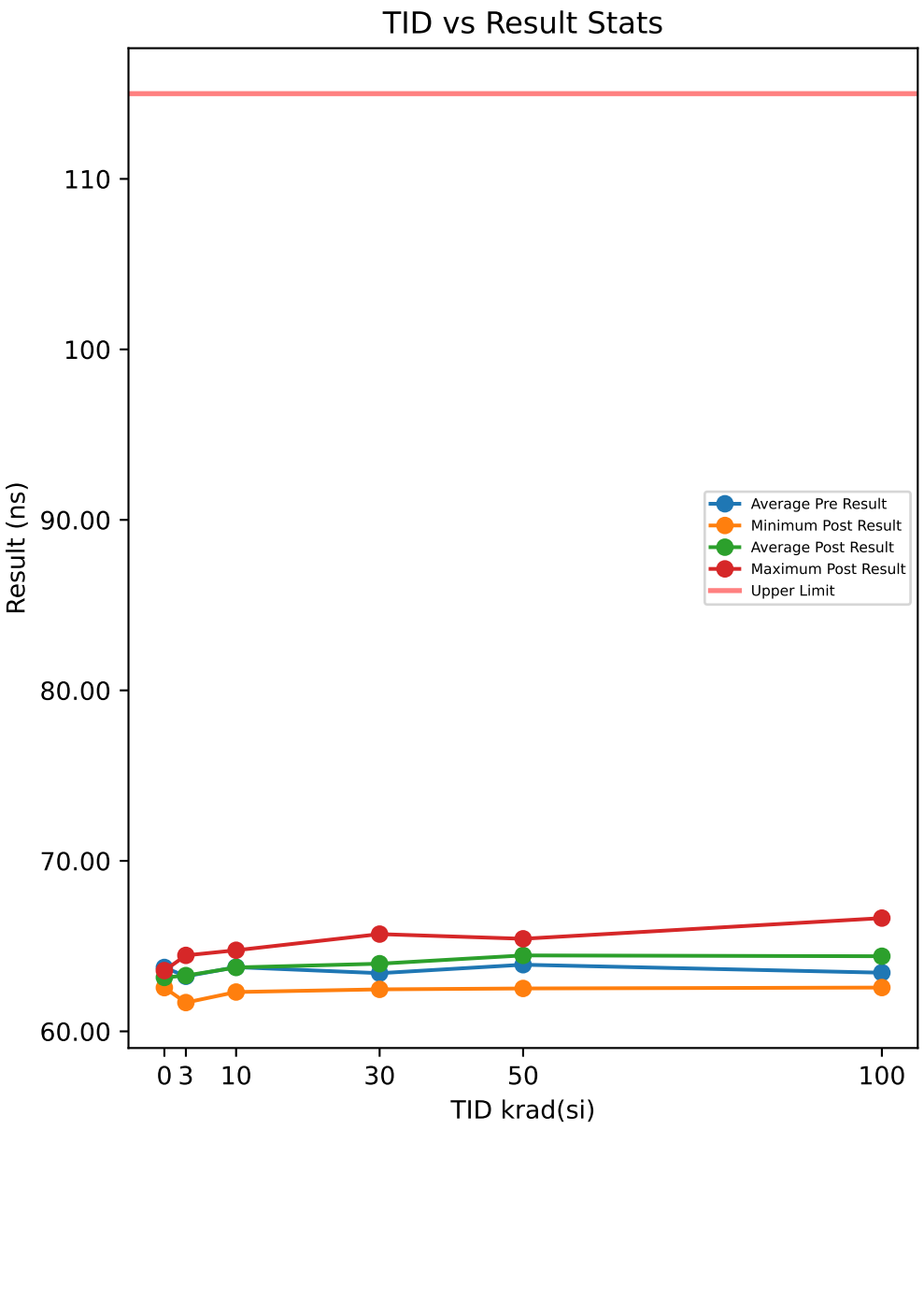
Test Results (Upper Limit = 115.0 (ns))

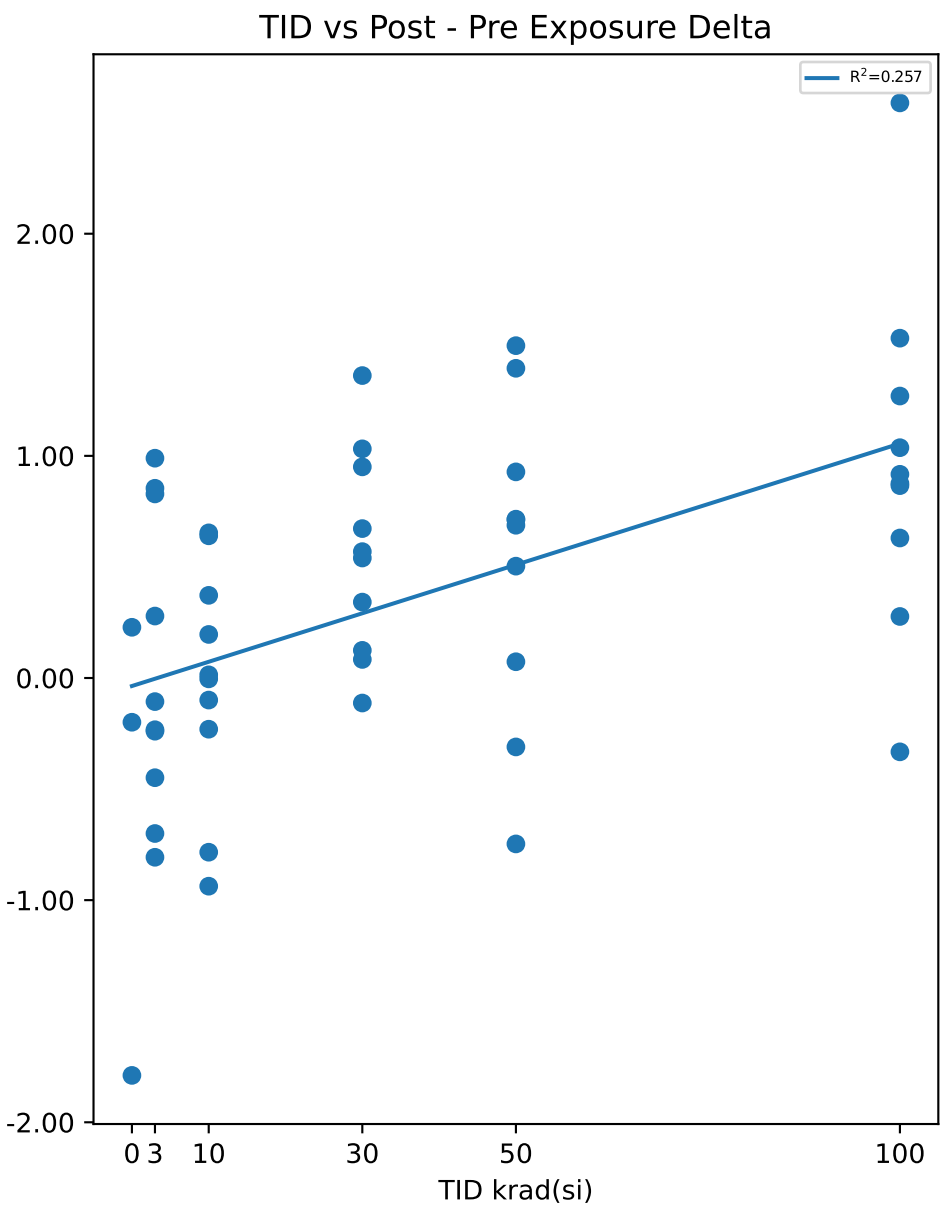
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	62.536	62.841	0.3047
2	3	HDR BIAS	63.883	63.472	-0.4105
3	3	HDR BIAS	62.832	62.805	-0.0272
4	3	HDR BIAS	63.215	63.578	0.3633
5	3	HDR BIAS	63.483	63.272	-0.2107
6	3	HDR UNBIAS	62.291	61.984	-0.3074
7	3	HDR UNBIAS	62.445	61.841	-0.6045
8	3	HDR UNBIAS	63.444	63.083	-0.3608
9	3	HDR UNBIAS	64.057	63.414	-0.6431
10	3	HDR UNBIAS	62.698	63.587	0.8893
11	10	HDR BIAS	63.872	63.499	-0.3731
12	10	HDR BIAS	62.975	63.238	0.2622
13	10	HDR BIAS	61.597	62.576	0.9789
14	10	HDR BIAS	64.051	63.357	-0.6938
15	10	HDR BIAS	62.58	62.364	-0.2159
16	10	HDR UNBIAS	62.699	63.07	0.3706
17	10	HDR UNBIAS	64.133	64.012	-0.1212
18	10	HDR UNBIAS	64.058	63.227	-0.8306
19	10	HDR UNBIAS	62.603	62.838	0.2349
20	10	HDR UNBIAS	64.659	64.501	-0.1584
31	30	HDR BIAS	63.761	64.743	0.9813
32	30	HDR BIAS	64.626	65.202	0.5762
33	30	HDR BIAS	62.331	62.309	-0.0217
34	30	HDR BIAS	61.46	62.266	0.8059
35	30	HDR BIAS	64.343	65.405	1.0615
36	30	HDR UNBIAS	62.318	62.488	0.1694
37	30	HDR UNBIAS	63.683	63.21	-0.4728
38	30	HDR UNBIAS	64.409	64.097	-0.3124
39	30	HDR UNBIAS	63.036	63.701	0.6648
40	30	HDR UNBIAS	62.331	62.907	0.5763
41	50	HDR BIAS	64.261	64.889	0.6278
42	50	HDR BIAS	63.654	65.073	1.419
43	50	HDR BIAS	60.508	61.541	1.0332
44	50	HDR BIAS	64.295	64.152	-0.1436
45	50	HDR BIAS	63.541	64.518	0.9765
46	50	HDR UNBIAS	63.591	63.286	-0.3056
47	50	HDR UNBIAS	63.893	64.933	1.0395
48	50	HDR UNBIAS	64.61	63.97	-0.6397
49	50	HDR UNBIAS	62.223	62.366	0.1431
50	50	HDR UNBIAS	64.32	64.611	0.2905
51	100	HDR BIAS	63.431	64.88	1.4487
52	100	HDR BIAS	62.488	63.3	0.8121
53	100	HDR BIAS	65.232	65.821	0.5886
54	100	HDR BIAS	64.078	64.794	0.7158
55	100	HDR BIAS	63.041	64.097	1.056
56	100	HDR UNBIAS	64.531	65.665	1.1339
57	100	HDR UNBIAS	62.73	63.987	1.2577
58	100	HDR UNBIAS	60.694	62.709	2.0152
59	100	HDR UNBIAS	62.807	64.04	1.2339
60	100	HDR UNBIAS	63.264	63.099	-0.1658
71	0	CORRELATION	64.968	62.247	-2.7207
72	0	CORRELATION	62.547	63.267	0.7201
73	0	CORRELATION	62.444	63.102	0.6577

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.444	63.32	64.968	1.4287	62.247	62.872	63.267	0.54706	-2.7207	-0.44763	0.7201	1.9688
3	62.291	63.088	64.057	0.61818	61.841	62.988	63.587	0.63191	-0.6431	-0.10069	0.8893	0.48667
10	61.597	63.323	64.659	0.9645	62.364	63.268	64.501	0.63748	-0.8306	-0.05464	0.9789	0.53609
30	61.46	63.23	64.626	1.0896	62.266	63.633	65.405	1.1876	-0.4728	0.40285	1.0615	0.53466
50	60.508	63.49	64.61	1.2422	61.541	63.934	65.073	1.186	-0.6397	0.44407	1.419	0.68031
100	60.694	63.23	65.232	1.2432	62.709	64.239	65.821	1.0488	-0.1658	1.0096	2.0152	0.57905

Device Test: 28.28 TIMING|DELAY/CS/14/14/0/0/5/500kHz//@CS_ILIM_DELAY





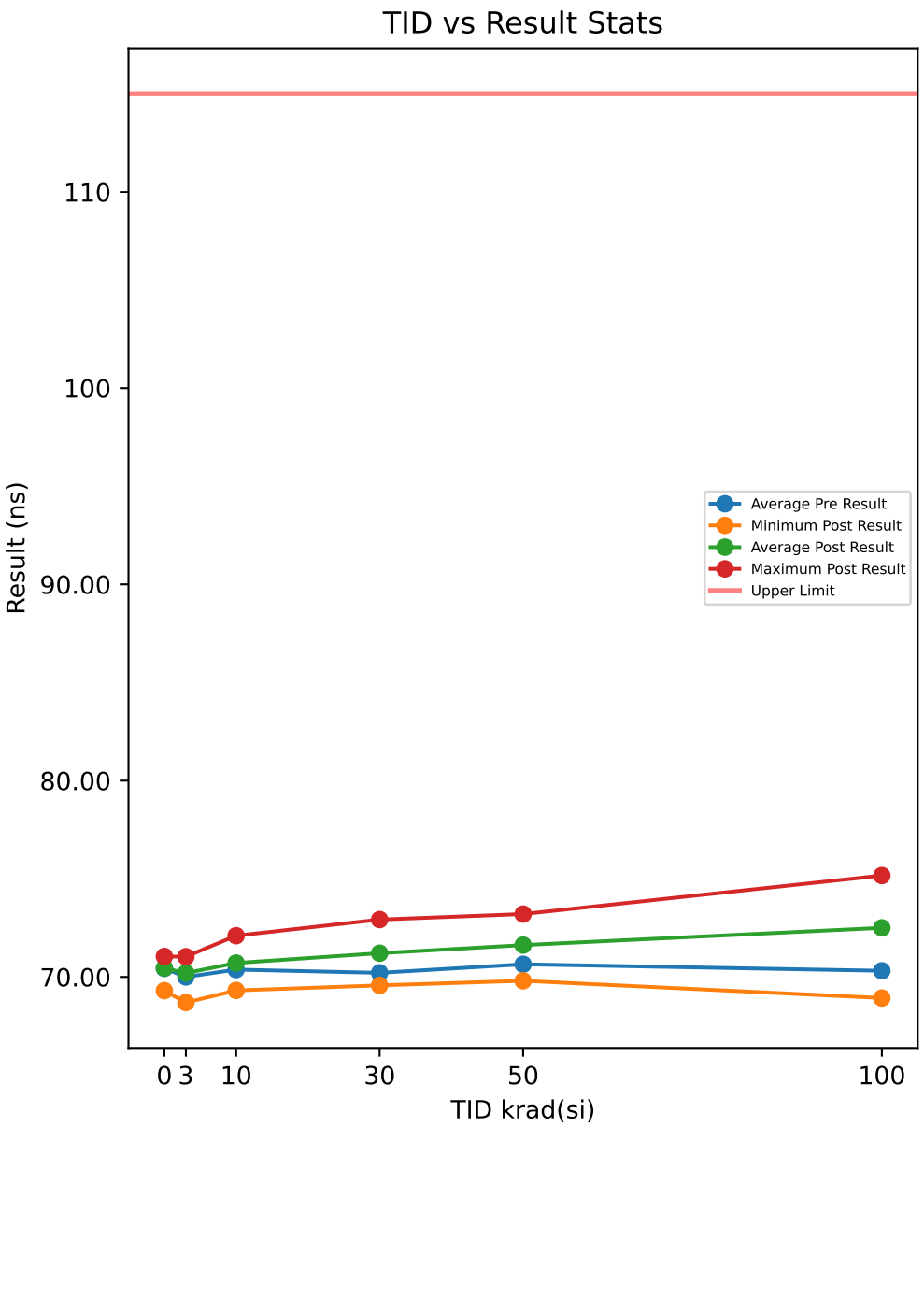
Test Results (Upper Limit = 115.0 (ns))

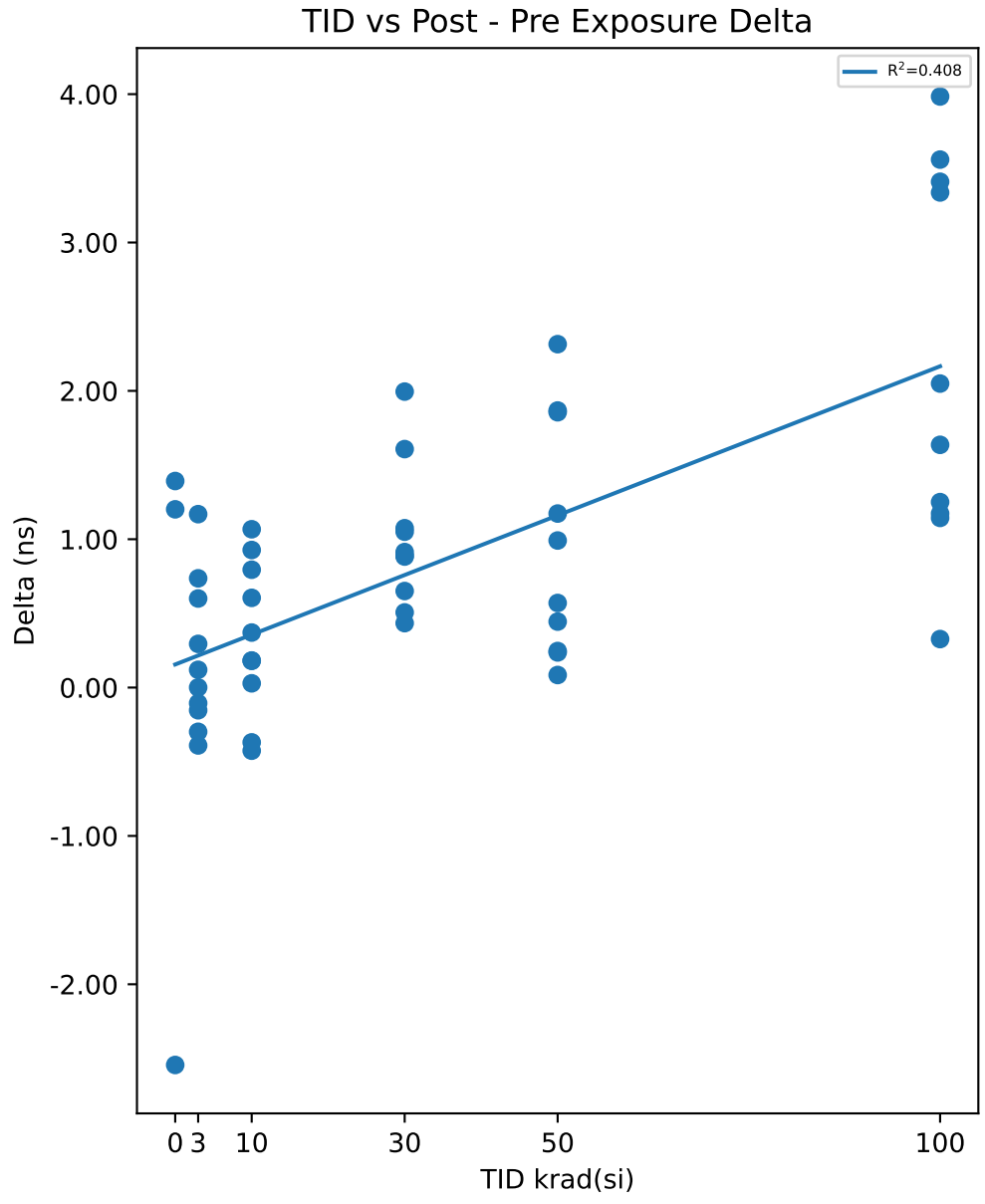
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	62.987	62.287	-0.7
2	3	HDR BIAS	64.177	64.456	0.2789
3	3	HDR BIAS	63.384	62.577	-0.807
4	3	HDR BIAS	63.191	64.019	0.8286
5	3	HDR BIAS	63.739	63.506	-0.2328
6	3	HDR UNBIAS	61.928	61.688	-0.2395
7	3	HDR UNBIAS	61.934	62.789	0.8541
8	3	HDR UNBIAS	64.46	64.011	-0.4488
9	3	HDR UNBIAS	63.731	63.625	-0.1062
10	3	HDR UNBIAS	62.756	63.746	0.9895
11	10	HDR BIAS	64.379	64.149	-0.2305
12	10	HDR BIAS	63.528	63.542	0.0143
13	10	HDR BIAS	62.111	62.307	0.1961
14	10	HDR BIAS	64.561	63.624	-0.9372
15	10	HDR BIAS	63.444	63.44	-0.0039
16	10	HDR UNBIAS	63.332	63.986	0.6534
17	10	HDR UNBIAS	65.106	64.321	-0.7842
18	10	HDR UNBIAS	64.381	64.281	-0.0993
19	10	HDR UNBIAS	62.429	63.069	0.6401
20	10	HDR UNBIAS	64.384	64.757	0.3721
31	30	HDR BIAS	64.04	63.927	-0.1126
32	30	HDR BIAS	65.065	65.407	0.3417
33	30	HDR BIAS	62.421	63.094	0.6726
34	30	HDR BIAS	62.106	63.138	1.0316
35	30	HDR BIAS	64.754	65.704	0.9505
36	30	HDR UNBIAS	62.572	62.656	0.0836
37	30	HDR UNBIAS	63.089	64.451	1.3615
38	30	HDR UNBIAS	64.469	64.593	0.1245
39	30	HDR UNBIAS	63.679	64.248	0.5689
40	30	HDR UNBIAS	61.923	62.463	0.5402
41	50	HDR BIAS	64.688	64.378	-0.3103
42	50	HDR BIAS	63.933	65.429	1.4961
43	50	HDR BIAS	61.828	62.516	0.6876
44	50	HDR BIAS	64.702	65.206	0.5035
45	50	HDR BIAS	63.837	65.231	1.3942
46	50	HDR UNBIAS	63.684	64.398	0.715
47	50	HDR UNBIAS	63.919	64.631	0.7127
48	50	HDR UNBIAS	65.231	64.484	-0.7469
49	50	HDR UNBIAS	62.39	63.318	0.9279
50	50	HDR UNBIAS	64.874	64.947	0.0732
51	100	HDR BIAS	63.212	64.482	1.2693
52	100	HDR BIAS	62.897	64.427	1.5298
53	100	HDR BIAS	65.766	66.642	0.8759
54	100	HDR BIAS	64.007	65.044	1.0368
55	100	HDR BIAS	62.525	65.114	2.5889
56	100	HDR UNBIAS	65.493	65.16	-0.3324
57	100	HDR UNBIAS	63.224	63.501	0.277
58	100	HDR UNBIAS	61.702	62.568	0.866
59	100	HDR UNBIAS	62.812	63.729	0.917
60	100	HDR UNBIAS	62.764	63.395	0.6303
71	0	CORRELATION	64.352	62.563	-1.7889
72	0	CORRELATION	63.335	63.563	0.2283
73	0	CORRELATION	63.557	63.358	-0.1991

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.335	63.748	64.352	0.53472	62.563	63.162	63.563	0.52827	-1.7889	-0.58657	0.2283	1.063
3	61.928	63.229	64.46	0.85659	61.688	63.271	64.456	0.88853	-0.807	0.04168	0.9895	0.66006
10	62.111	63.765	65.106	0.96842	62.307	63.747	64.757	0.71017	-0.9372	-0.01791	0.6534	0.53405
30	61.923	63.412	65.065	1.1465	62.463	63.968	65.704	1.117	-0.1126	0.55625	1.3615	0.46511
50	61.828	63.909	65.231	1.0857	62.516	64.454	65.429	0.91001	-0.7469	0.5453	1.4961	0.70511
100	61.702	63.44	65.766	1.293	62.568	64.406	66.642	1.1625	-0.3324	0.96586	2.5889	0.77046

Device Test: 28.29 TIMING|DELAY/CS/4.5/4.5/0/0/4.5/1MHz//@CS_ILIM_DELAY





Test Results (Upper Limit = 115.0 (ns))

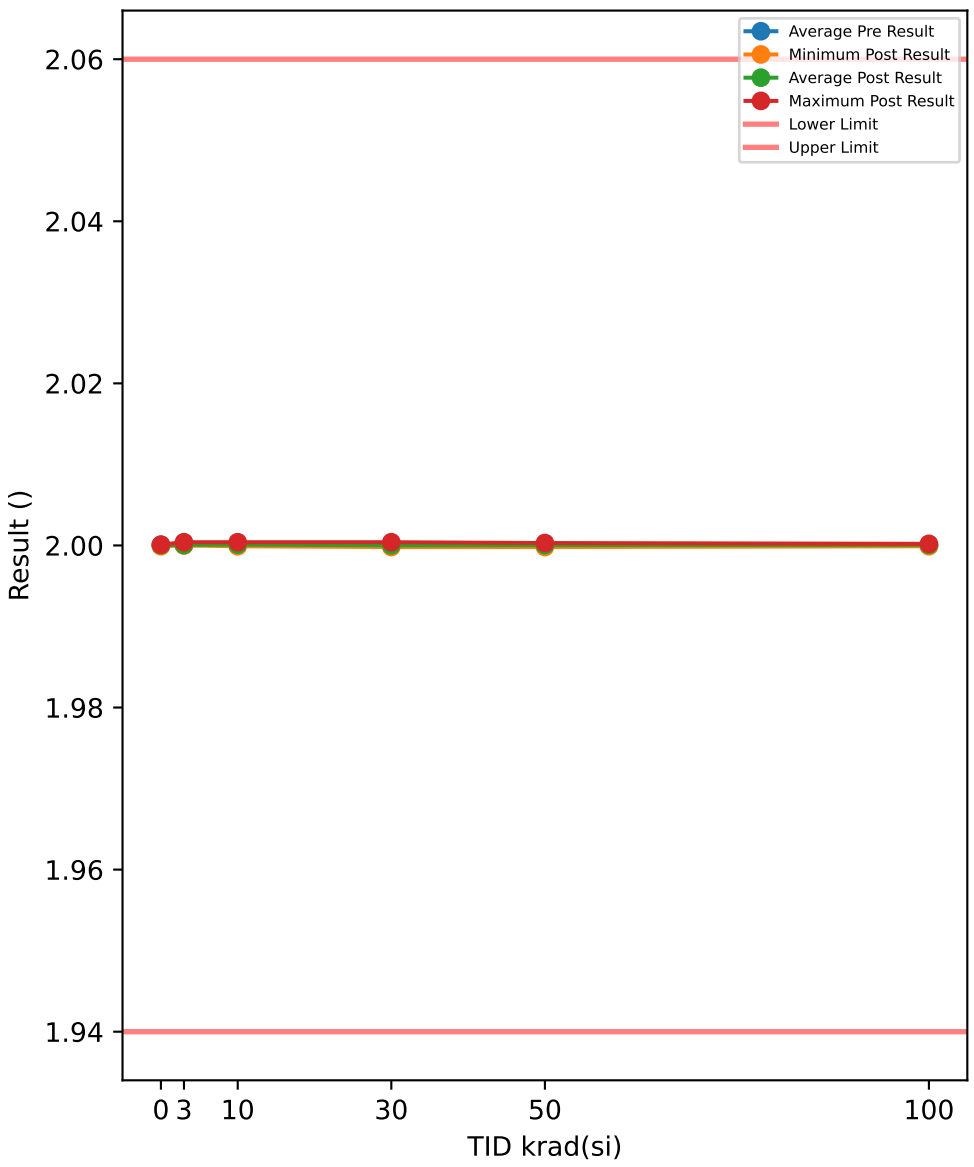
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	69.299	69.899	0.6004
2	3	HDR BIAS	70.951	70.561	-0.3901
3	3	HDR BIAS	69.28	69.281	0.0008
4	3	HDR BIAS	69.587	70.756	1.1689
5	3	HDR BIAS	71.137	71.031	-0.1053
6	3	HDR UNBIAS	68.4	68.694	0.2944
7	3	HDR UNBIAS	68.945	69.681	0.7364
8	3	HDR UNBIAS	70.722	70.424	-0.2981
9	3	HDR UNBIAS	71.137	70.984	-0.153
10	3	HDR UNBIAS	70.529	70.648	0.1196
11	10	HDR BIAS	70.618	71.412	0.7944
12	10	HDR BIAS	69.715	70.085	0.3708
13	10	HDR BIAS	68.905	69.51	0.6048
14	10	HDR BIAS	70.353	71.281	0.9273
15	10	HDR BIAS	69.736	69.311	-0.4255
16	10	HDR UNBIAS	70.498	70.526	0.0286
17	10	HDR UNBIAS	71.921	72.101	0.1799
18	10	HDR UNBIAS	70.4	71.467	1.0672
19	10	HDR UNBIAS	69.694	69.876	0.1825
20	10	HDR UNBIAS	71.896	71.527	-0.3694
31	30	HDR BIAS	70.425	72.42	1.995
32	30	HDR BIAS	71.91	72.793	0.8831
33	30	HDR BIAS	69.242	69.748	0.5065
34	30	HDR BIAS	69.182	70.096	0.9135
35	30	HDR BIAS	71.315	72.923	1.6074
36	30	HDR UNBIAS	69.135	69.57	0.4343
37	30	HDR UNBIAS	71.103	71.753	0.6507
38	30	HDR UNBIAS	70.716	71.605	0.8893
39	30	HDR UNBIAS	70.174	71.224	1.0506
40	30	HDR UNBIAS	68.886	69.961	1.0742
41	50	HDR BIAS	71.037	72.21	1.173
42	50	HDR BIAS	70.888	73.203	2.3148
43	50	HDR BIAS	68.234	70.09	1.8557
44	50	HDR BIAS	71.905	72.475	0.5702
45	50	HDR BIAS	70.846	72.714	1.8675
46	50	HDR UNBIAS	70.309	70.555	0.2463
47	50	HDR UNBIAS	71.223	72.214	0.9913
48	50	HDR UNBIAS	71.613	72.058	0.4446
49	50	HDR UNBIAS	69.565	69.802	0.2368
50	50	HDR UNBIAS	70.817	70.902	0.0846
51	100	HDR BIAS	70.639	74.049	3.4094
52	100	HDR BIAS	69.79	73.349	3.5589
53	100	HDR BIAS	71.828	75.166	3.3373
54	100	HDR BIAS	71.288	73.338	2.0491
55	100	HDR BIAS	69.611	73.595	3.9842
56	100	HDR UNBIAS	71.597	72.847	1.2501
57	100	HDR UNBIAS	70.615	70.942	0.3269
58	100	HDR UNBIAS	67.782	68.925	1.1437
59	100	HDR UNBIAS	70.16	71.796	1.6362
60	100	HDR UNBIAS	69.828	71.001	1.1729
71	0	CORRELATION	71.844	69.3	-2.544
72	0	CORRELATION	69.621	71.013	1.3923
73	0	CORRELATION	69.844	71.045	1.2015

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	69.621	70.436	71.844	1.2242	69.3	70.453	71.045	0.99854	-2.544	0.0166	1.3923	2.2196
3	68.4	69.999	71.137	1.0081	68.694	70.196	71.031	0.77959	-0.3901	0.1974	1.1689	0.50066
10	68.905	70.374	71.921	0.95729	69.311	70.71	72.101	0.97244	-0.4255	0.33606	1.0672	0.51508
30	68.886	70.209	71.91	1.06	69.57	71.209	72.923	1.2903	0.4343	1.0005	1.995	0.48143
50	68.234	70.644	71.905	1.0664	69.802	71.622	73.203	1.1843	0.0846	0.97848	2.3148	0.79726
100	67.782	70.314	71.828	1.1798	68.925	72.501	75.166	1.8316	0.3269	2.1869	3.9842	1.2783

Device Test: 28.3 LEVEL|RATIO/CS/12/12/0/0/5/500kHz//@C_CS_R

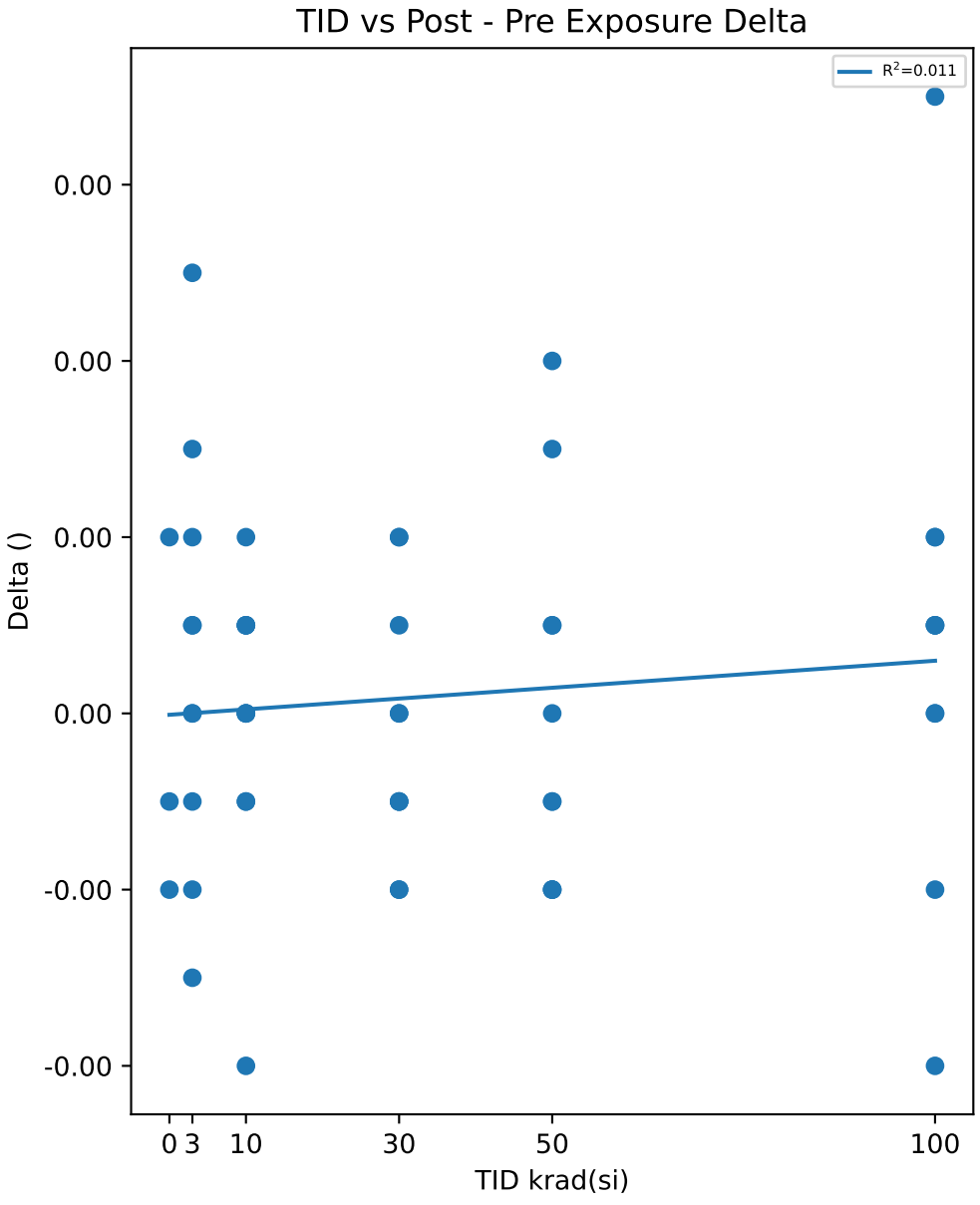
TID vs Result Stats



Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	1.9999	2.0001	0.0002
2	3	HDR BIAS	1.9998	2.0001	0.0003
3	3	HDR BIAS	2.0001	2.0001	0
4	3	HDR BIAS	2	2	0
5	3	HDR BIAS	1.9999	2.0004	0.0005
6	3	HDR UNBIAS	2.0001	2	-0.0001
7	3	HDR UNBIAS	2	2.0001	0.0001
8	3	HDR UNBIAS	2.0002	2	-0.0002
9	3	HDR UNBIAS	2.0003	2	-0.0003
10	3	HDR UNBIAS	1.9999	2	0.0001
11	10	HDR BIAS	2	2	0
12	10	HDR BIAS	2.0002	2.0003	0.0001
13	10	HDR BIAS	2.0001	2.0001	0
14	10	HDR BIAS	2.0001	2.0001	0
15	10	HDR BIAS	1.9999	2	0.0001
16	10	HDR UNBIAS	2.0004	2	-0.0004
17	10	HDR UNBIAS	2.0001	2	-0.0001
18	10	HDR UNBIAS	2.0001	2.0002	0.0001
19	10	HDR UNBIAS	2	1.9999	-0.0001
20	10	HDR UNBIAS	2.0002	2.0004	0.0002
31	30	HDR BIAS	2.0001	1.9999	-0.0002
32	30	HDR BIAS	1.9999	2	0.0001
33	30	HDR BIAS	1.9998	2	0.0002
34	30	HDR BIAS	2	1.9999	-0.0001
35	30	HDR BIAS	1.9999	2.0001	0.0002
36	30	HDR UNBIAS	2.0005	2.0004	-0.0001
37	30	HDR UNBIAS	2	2	0
38	30	HDR UNBIAS	2.0002	2.0001	-0.0001
39	30	HDR UNBIAS	2	1.9998	-0.0002
40	30	HDR UNBIAS	2	2	0
41	50	HDR BIAS	2.0001	2	-0.0001
42	50	HDR BIAS	2.0001	1.9999	-0.0002
43	50	HDR BIAS	1.9999	2	0.0001
44	50	HDR BIAS	1.9999	2.0003	0.0004
45	50	HDR BIAS	1.9999	2.0002	0.0003
46	50	HDR UNBIAS	2	1.9999	-0.0001
47	50	HDR UNBIAS	2.0001	2.0001	0
48	50	HDR UNBIAS	2	2.0001	0.0001
49	50	HDR UNBIAS	2.0003	2.0001	-0.0002
50	50	HDR UNBIAS	2	1.9998	-0.0002
51	100	HDR BIAS	2	2.0001	0.0001
52	100	HDR BIAS	2.0002	2	-0.0002
53	100	HDR BIAS	1.9999	2.0001	0.0002
54	100	HDR BIAS	2	2.0001	0.0001
55	100	HDR BIAS	1.9995	2.0002	0.0007
56	100	HDR UNBIAS	2.0003	1.9999	-0.0004
57	100	HDR UNBIAS	2.0001	2.0001	0
58	100	HDR UNBIAS	1.9998	2	0.0002
59	100	HDR UNBIAS	2.0001	2.0001	0
60	100	HDR UNBIAS	2	2.0001	0.0001
71	0	CORRELATION	2	1.9999	-0.0001
72	0	CORRELATION	2.0003	2.0001	-0.0002
73	0	CORRELATION	1.9999	2.0001	0.0002

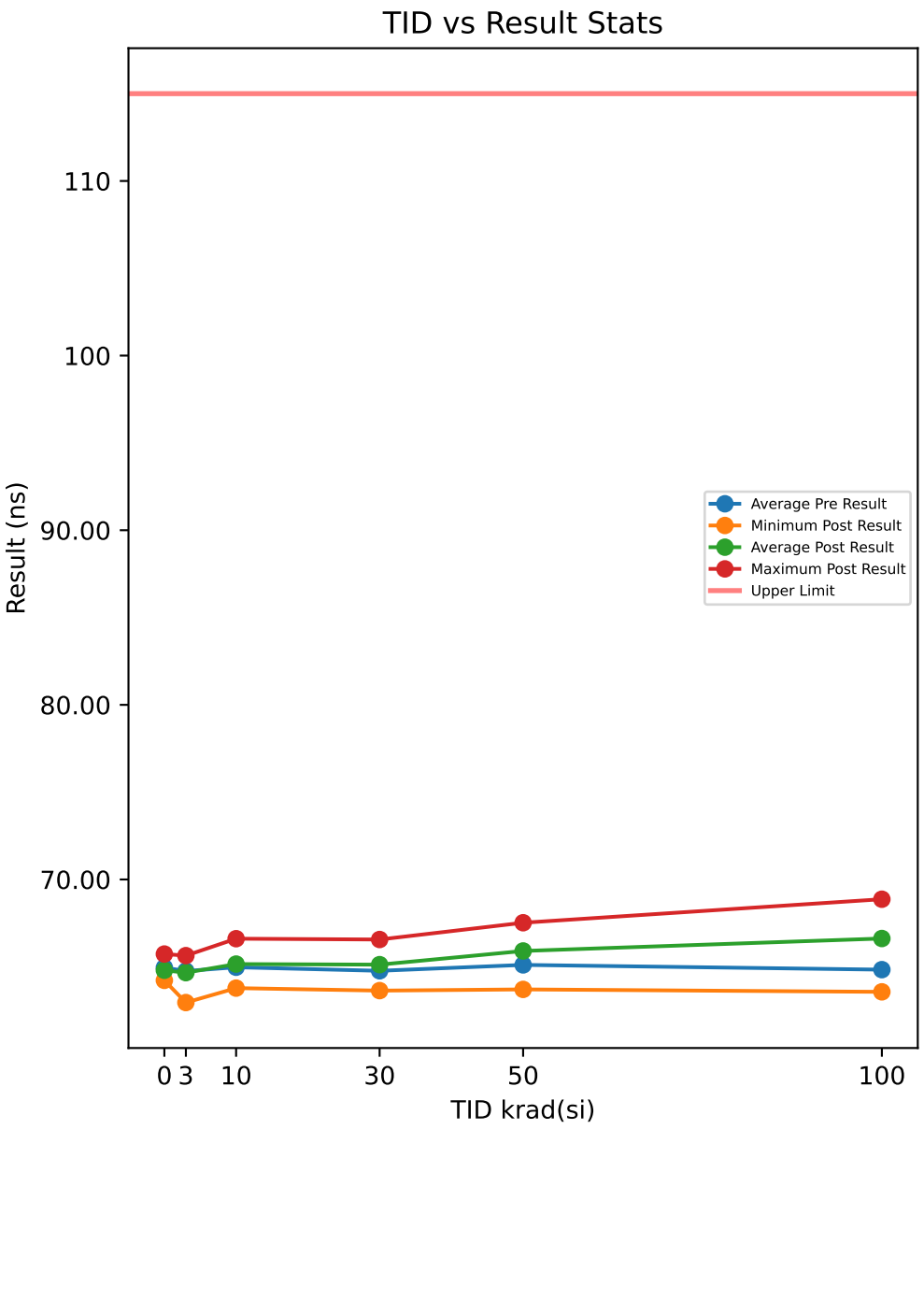
TID vs Post - Pre Exposure Delta

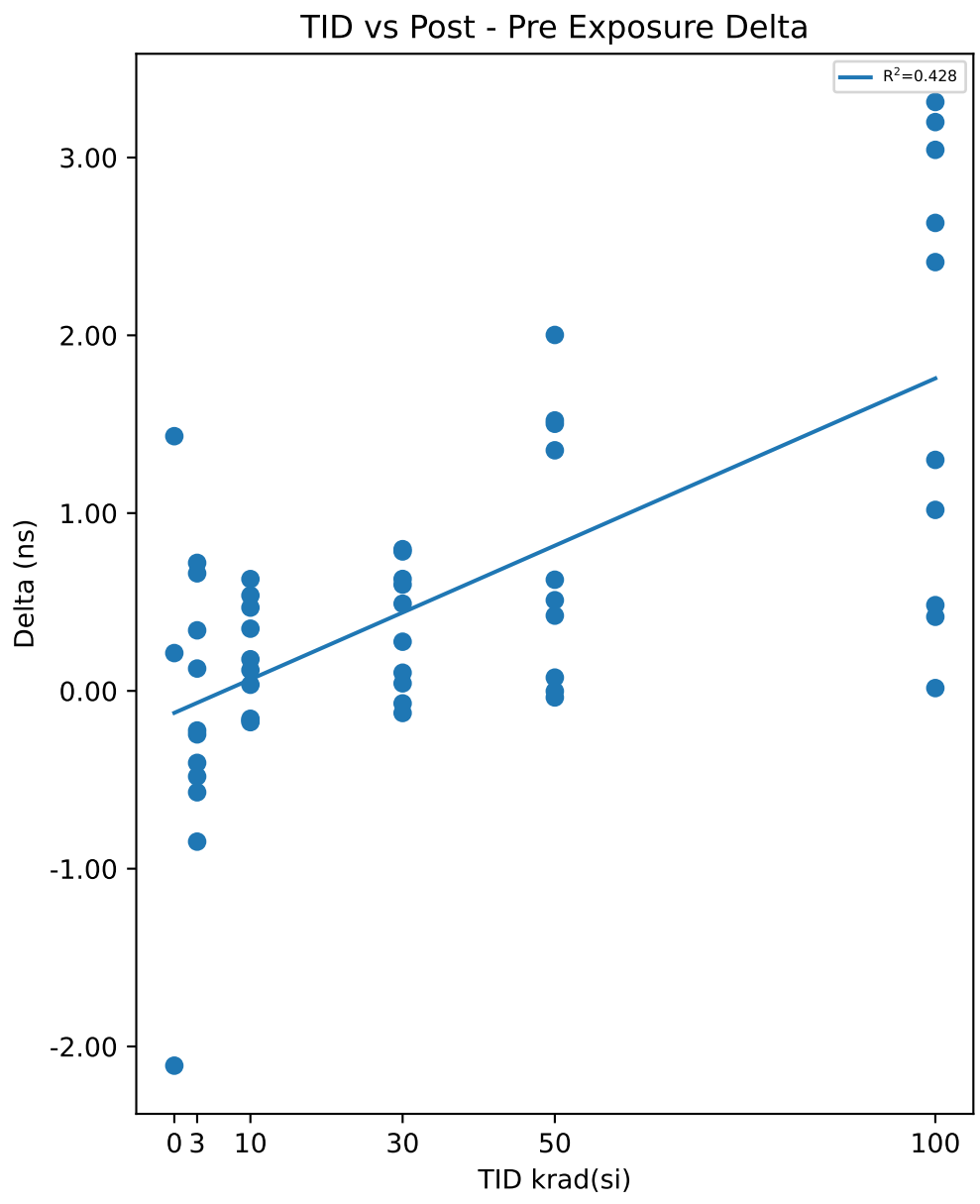


Test Statistics ()

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	1.9999	2.0001	2.0003	0.00020817	1.9999	2	2.0001	0.00011547	-0.0002	-3.3333e-05	0.0002	0.00020817
3	1.9998	2	2.0003	0.00015492	2	2.0001	2.0004	0.00012293	-0.0003	6e-05	0.0005	0.00023664
10	1.9999	2.0001	2.0004	0.00013703	1.9999	2.0001	2.0004	0.00015635	-0.0004	-1e-05	0.0002	0.00016633
30	1.9998	2	2.0005	0.00019551	1.9998	2	2.0004	0.00016193	-0.0002	-2e-05	0.0002	0.00014757
50	1.9999	2	2.0003	0.00012517	1.9998	2	2.0003	0.00015055	-0.0002	1e-05	0.0004	0.00021318
100	1.9995	2	2.0003	0.00022336	1.9999	2.0001	2.0002	8.2327e-05	-0.0004	8e-05	0.0007	0.00028597

Device Test: 28.30 TIMING|DELAY/CS/5/5/0/0/5/1MHz//@CS_ILIM_DELAY





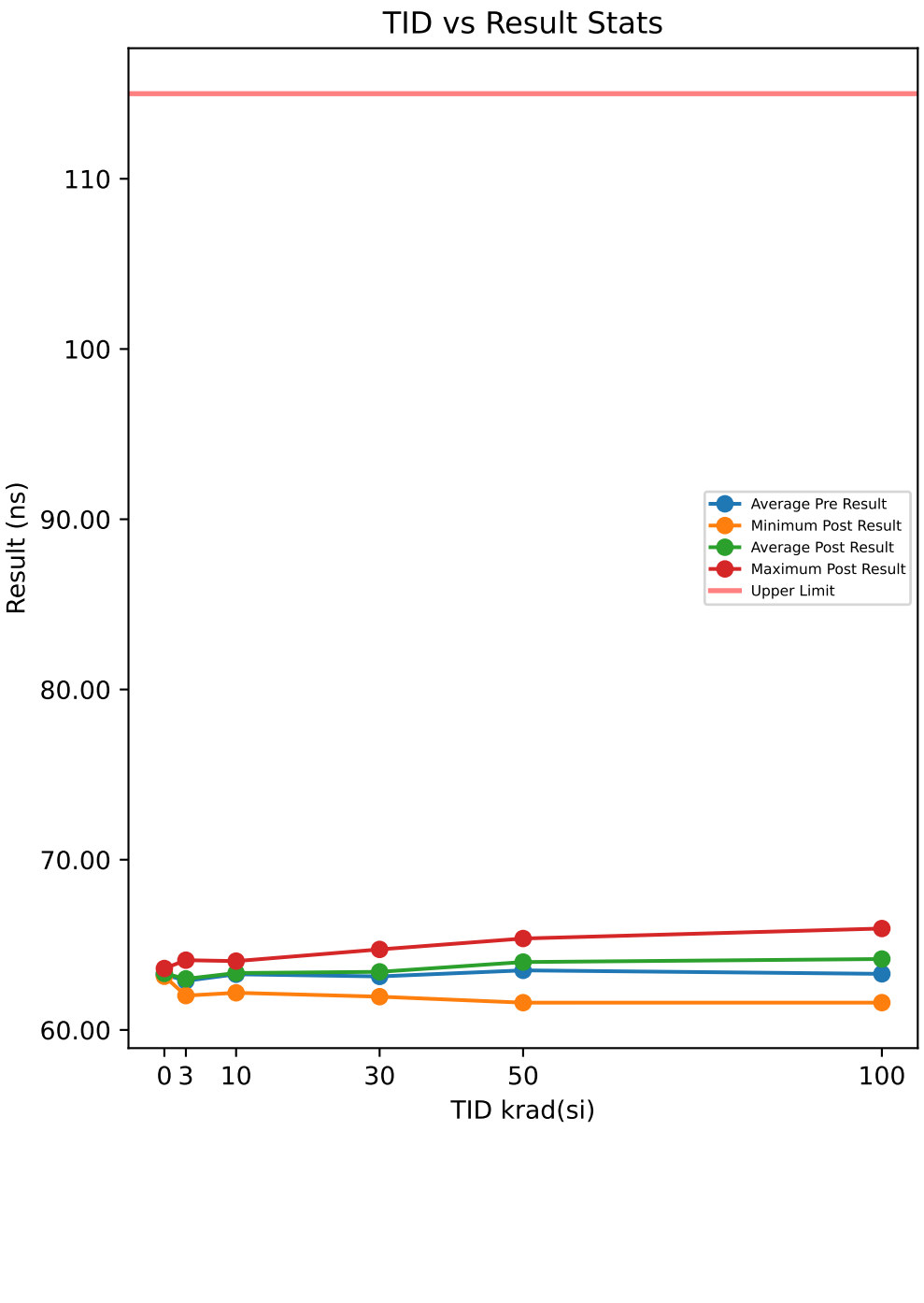
Test Results (Upper Limit = 115.0 (ns))

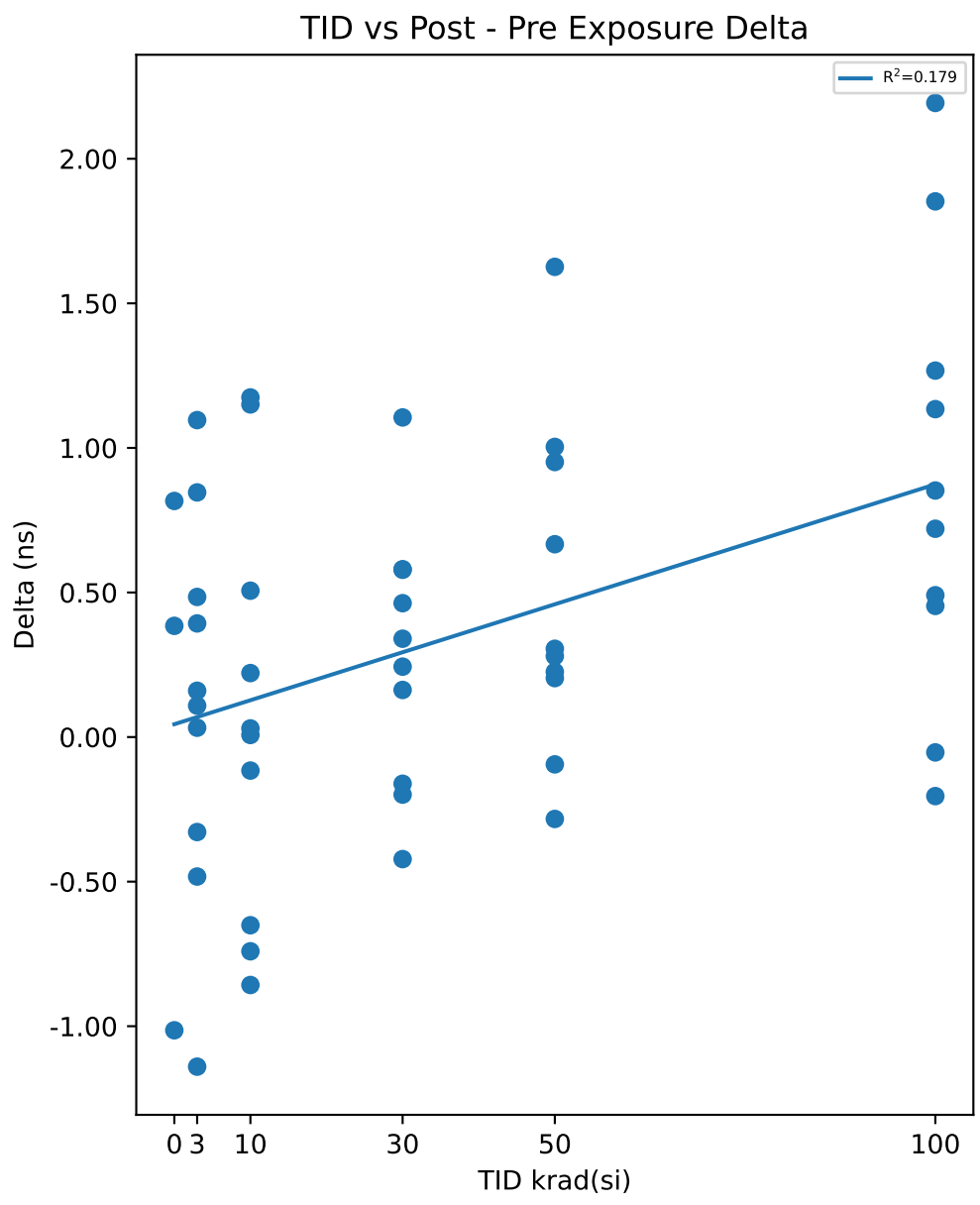
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	64.395	64.521	0.1257
2	3	HDR BIAS	66.115	65.267	-0.8478
3	3	HDR BIAS	63.894	64.555	0.6612
4	3	HDR BIAS	64.516	64.271	-0.2446
5	3	HDR BIAS	65.564	64.994	-0.5703
6	3	HDR UNBIAS	63.432	62.951	-0.4814
7	3	HDR UNBIAS	63.552	64.272	0.7201
8	3	HDR UNBIAS	65.862	65.639	-0.2228
9	3	HDR UNBIAS	65.228	65.569	0.3406
10	3	HDR UNBIAS	65.002	64.598	-0.4048
11	10	HDR BIAS	65.714	65.892	0.178
12	10	HDR BIAS	64.439	64.474	0.0346
13	10	HDR BIAS	64.058	64.408	0.35
14	10	HDR BIAS	65.174	65.008	-0.1658
15	10	HDR BIAS	64.196	64.021	-0.1758
16	10	HDR UNBIAS	64.732	65.361	0.629
17	10	HDR UNBIAS	66.673	66.516	-0.1568
18	10	HDR UNBIAS	64.946	65.483	0.5367
19	10	HDR UNBIAS	63.31	63.779	0.4685
20	10	HDR UNBIAS	66.492	66.609	0.1173
31	30	HDR BIAS	65.367	65.858	0.4906
32	30	HDR BIAS	66.381	66.483	0.1023
33	30	HDR BIAS	63.755	64.385	0.6296
34	30	HDR BIAS	63.716	64.501	0.7843
35	30	HDR BIAS	65.765	66.562	0.7971
36	30	HDR UNBIAS	63.732	63.662	-0.0703
37	30	HDR UNBIAS	65.397	65.439	0.0425
38	30	HDR UNBIAS	65.284	65.882	0.5978
39	30	HDR UNBIAS	64.946	64.822	-0.1243
40	30	HDR UNBIAS	63.358	63.635	0.2766
41	50	HDR BIAS	65.968	66.391	0.4233
42	50	HDR BIAS	64.966	66.968	2.002
43	50	HDR BIAS	62.202	63.704	1.5024
44	50	HDR BIAS	65.288	66.641	1.3532
45	50	HDR BIAS	66.001	67.522	1.5212
46	50	HDR UNBIAS	65.092	65.602	0.51
47	50	HDR UNBIAS	66.163	66.161	-0.0017
48	50	HDR UNBIAS	65.699	65.662	-0.0369
49	50	HDR UNBIAS	64.202	64.277	0.0748
50	50	HDR UNBIAS	65.5	66.126	0.6253
51	100	HDR BIAS	64.354	67.397	3.0431
52	100	HDR BIAS	64.165	67.365	3.1993
53	100	HDR BIAS	66.457	68.869	2.4117
54	100	HDR BIAS	64.923	67.555	2.6322
55	100	HDR BIAS	63.995	67.307	3.3124
56	100	HDR UNBIAS	66.89	67.372	0.4823
57	100	HDR UNBIAS	65.211	65.227	0.0158
58	100	HDR UNBIAS	62.547	63.565	1.0181
59	100	HDR UNBIAS	65.291	65.708	0.4168
60	100	HDR UNBIAS	64.529	65.828	1.2993
71	0	CORRELATION	66.33	64.222	-2.1078
72	0	CORRELATION	64.297	65.73	1.4326
73	0	CORRELATION	64.234	64.447	0.2127

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	64.234	64.954	66.33	1.1923	64.222	64.8	65.73	0.81352	-2.1078	-0.15417	1.4326	1.7985
3	63.432	64.756	66.115	0.95092	62.951	64.664	65.639	0.78319	-0.8478	-0.09241	0.7201	0.53242
10	63.31	64.973	66.673	1.0716	63.779	65.155	66.609	0.99357	-0.1758	0.18157	0.629	0.30288
30	63.358	64.77	66.381	1.0456	63.635	65.123	66.562	1.0806	-0.1243	0.35262	0.7971	0.3513
50	62.202	65.108	66.163	1.1771	63.704	65.905	67.522	1.1682	-0.0369	0.79736	2.002	0.7371
100	62.547	64.836	66.89	1.244	63.565	66.619	68.869	1.5225	0.0158	1.7831	3.3124	1.2715

Device Test: 28.31 TIMING|DELAY/CS/12/12/0/0/5/1MHz//@CS_ILIM_DELAY





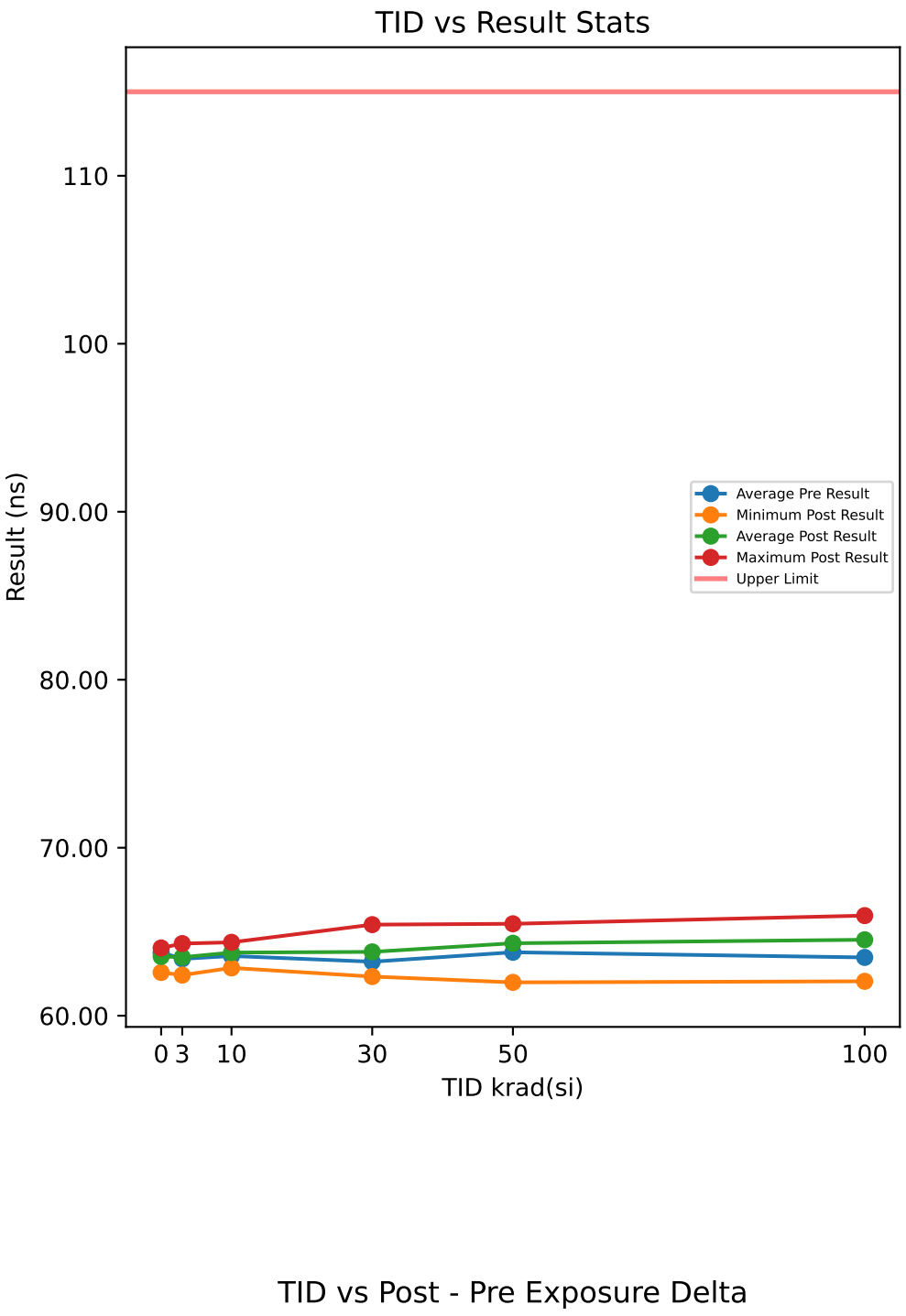
Test Results (Upper Limit = 115.0 (ns))

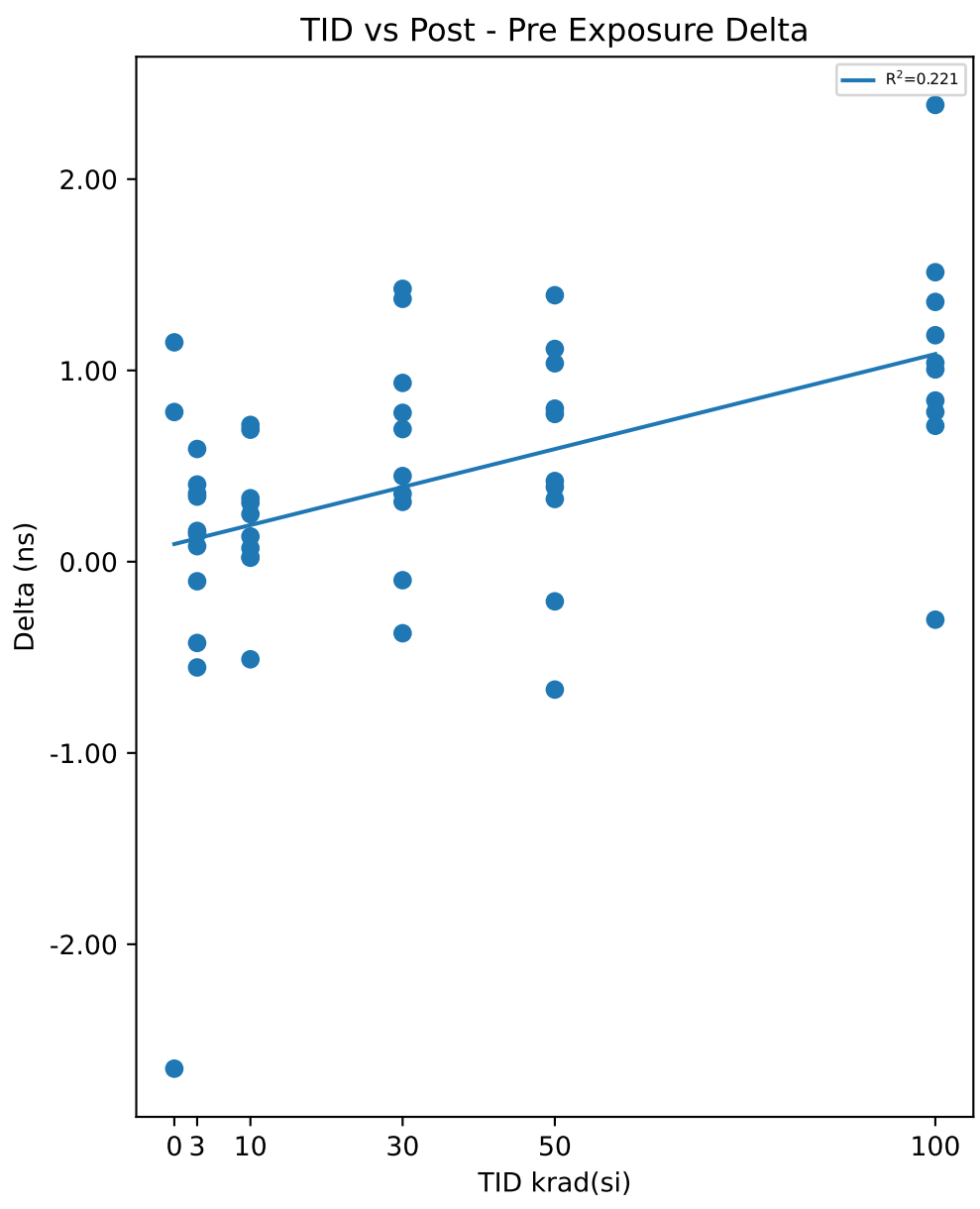
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	62.658	62.69	0.0323
2	3	HDR BIAS	63.705	64.098	0.393
3	3	HDR BIAS	62.345	62.017	-0.3285
4	3	HDR BIAS	63.523	63.041	-0.4824
5	3	HDR BIAS	64.193	63.053	-1.1399
6	3	HDR UNBIAS	61.875	62.035	0.1601
7	3	HDR UNBIAS	61.498	62.344	0.8461
8	3	HDR UNBIAS	63.15	63.634	0.4846
9	3	HDR UNBIAS	63.465	63.574	0.1086
10	3	HDR UNBIAS	62.438	63.534	1.0962
11	10	HDR BIAS	63.523	64.029	0.5062
12	10	HDR BIAS	62.941	62.971	0.0299
13	10	HDR BIAS	62.175	62.182	0.0072
14	10	HDR BIAS	64.112	63.371	-0.7409
15	10	HDR BIAS	62.883	63.104	0.2213
16	10	HDR UNBIAS	62.569	63.719	1.1504
17	10	HDR UNBIAS	64.901	64.044	-0.8575
18	10	HDR UNBIAS	63.814	63.163	-0.6508
19	10	HDR UNBIAS	61.929	63.104	1.1746
20	10	HDR UNBIAS	63.869	63.753	-0.1159
31	30	HDR BIAS	63.051	64.156	1.1054
32	30	HDR BIAS	64.718	64.557	-0.1615
33	30	HDR BIAS	61.978	62.222	0.2435
34	30	HDR BIAS	62.117	62.28	0.1629
35	30	HDR BIAS	65.153	64.731	-0.4221
36	30	HDR UNBIAS	62.667	62.468	-0.199
37	30	HDR UNBIAS	63.72	64.183	0.463
38	30	HDR UNBIAS	63.596	64.175	0.5785
39	30	HDR UNBIAS	62.825	63.406	0.5805
40	30	HDR UNBIAS	61.614	61.954	0.3401
41	50	HDR BIAS	63.744	65.371	1.6262
42	50	HDR BIAS	64.209	65.212	1.0035
43	50	HDR BIAS	60.651	61.602	0.9512
44	50	HDR BIAS	64.483	64.788	0.3053
45	50	HDR BIAS	63.794	64.461	0.6669
46	50	HDR UNBIAS	63.443	63.159	-0.2832
47	50	HDR UNBIAS	64.456	64.361	-0.0945
48	50	HDR UNBIAS	64.496	64.776	0.2799
49	50	HDR UNBIAS	62.097	62.3	0.2039
50	50	HDR UNBIAS	63.627	63.853	0.2255
51	100	HDR BIAS	63.529	64.249	0.7204
52	100	HDR BIAS	61.929	64.122	2.193
53	100	HDR BIAS	65.298	65.751	0.4535
54	100	HDR BIAS	64.105	65.957	1.8526
55	100	HDR BIAS	63.048	64.315	1.2674
56	100	HDR UNBIAS	64.403	65.537	1.1341
57	100	HDR UNBIAS	63.38	63.871	0.4905
58	100	HDR UNBIAS	60.751	61.604	0.8527
59	100	HDR UNBIAS	63.399	63.346	-0.0531
60	100	HDR UNBIAS	63.108	62.904	-0.2042
71	0	CORRELATION	64.209	63.195	-1.0141
72	0	CORRELATION	62.336	63.153	0.8165
73	0	CORRELATION	63.226	63.61	0.3846

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.336	63.257	64.209	0.93664	63.153	63.319	63.61	0.25291	-1.0141	0.062333	0.8165	0.9569
3	61.498	62.885	64.193	0.86184	62.017	63.002	64.098	0.71885	-1.1399	0.11701	1.0962	0.65391
10	61.929	63.272	64.901	0.93306	62.182	63.344	64.044	0.56814	-0.8575	0.07245	1.1746	0.72096
30	61.614	63.144	65.153	1.1615	61.954	63.413	64.731	1.0798	-0.4221	0.26913	1.1054	0.4508
50	60.651	63.5	64.496	1.2304	61.602	63.988	65.371	1.2595	-0.2832	0.48847	1.6262	0.57428
100	60.751	63.295	65.298	1.265	61.604	64.166	65.957	1.3561	-0.2042	0.87069	2.193	0.76664

Device Test: 28.32 TIMING|DELAY/CS/14/14/0/0/5/1MHz//@CS_ILIM_DELAY





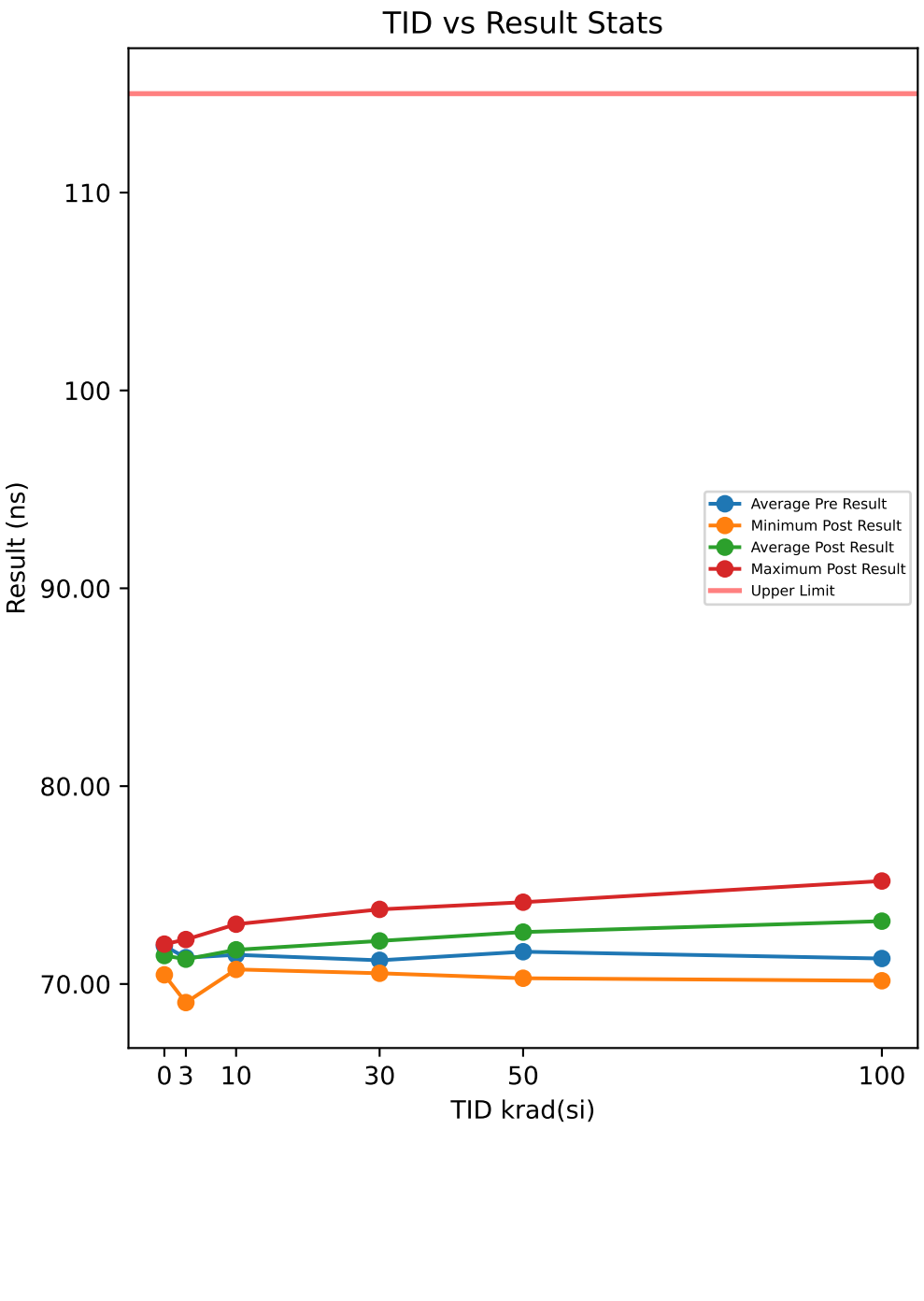
Test Results (Upper Limit = 115.0 (ns))

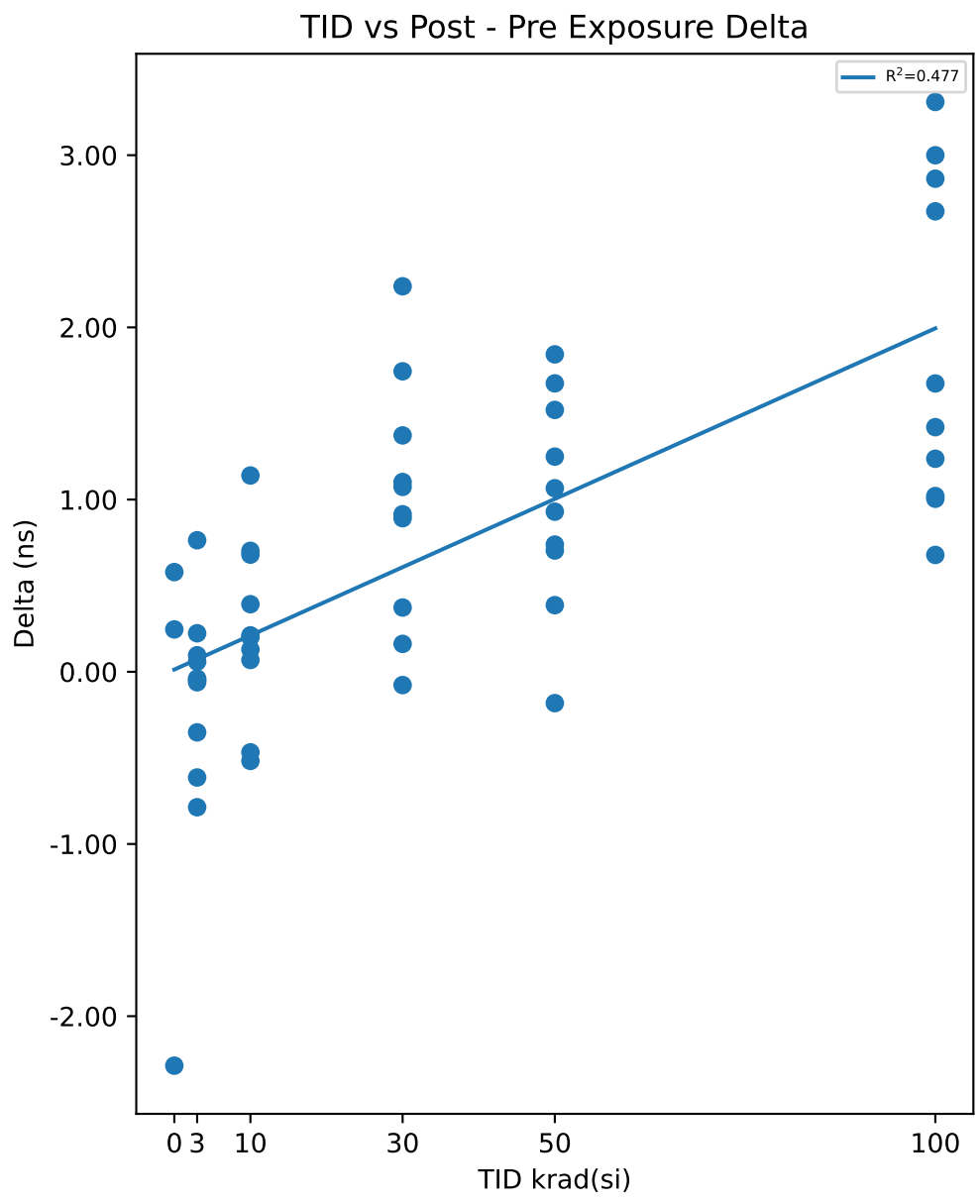
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	62.973	62.42	-0.5528
2	3	HDR BIAS	63.931	64.271	0.3403
3	3	HDR BIAS	63.252	63.15	-0.1023
4	3	HDR BIAS	63.705	64.295	0.5893
5	3	HDR BIAS	63.69	64.093	0.4036
6	3	HDR UNBIAS	62.383	62.544	0.1609
7	3	HDR UNBIAS	62.691	62.836	0.1454
8	3	HDR UNBIAS	64.297	63.873	-0.4248
9	3	HDR UNBIAS	63.578	63.659	0.0812
10	3	HDR UNBIAS	63.344	63.701	0.3573
11	10	HDR BIAS	64.096	64.345	0.2487
12	10	HDR BIAS	63.369	63.501	0.132
13	10	HDR BIAS	62.54	62.848	0.3075
14	10	HDR BIAS	64.272	64.343	0.0712
15	10	HDR BIAS	62.75	63.44	0.6901
16	10	HDR UNBIAS	62.809	63.141	0.3318
17	10	HDR UNBIAS	64.88	64.37	-0.5102
18	10	HDR UNBIAS	64.086	64.107	0.0207
19	10	HDR UNBIAS	62.746	63.461	0.7151
20	10	HDR UNBIAS	64.014	64.038	0.0234
31	30	HDR BIAS	63.254	63.948	0.6932
32	30	HDR BIAS	64.487	65.422	0.9347
33	30	HDR BIAS	62.09	62.869	0.7784
34	30	HDR BIAS	62.426	63.801	1.3742
35	30	HDR BIAS	64.575	65.023	0.4478
36	30	HDR UNBIAS	61.977	62.331	0.3546
37	30	HDR UNBIAS	64	63.626	-0.3741
38	30	HDR UNBIAS	63.874	63.777	-0.0967
39	30	HDR UNBIAS	63.658	63.971	0.3126
40	30	HDR UNBIAS	61.81	63.237	1.4267
41	50	HDR BIAS	63.897	65.29	1.3931
42	50	HDR BIAS	64.61	64.938	0.3278
43	50	HDR BIAS	60.949	61.986	1.0371
44	50	HDR BIAS	64.735	64.528	-0.2074
45	50	HDR BIAS	64.672	65.472	0.8003
46	50	HDR UNBIAS	63.55	64.323	0.7723
47	50	HDR UNBIAS	64.034	64.425	0.3906
48	50	HDR UNBIAS	63.968	65.08	1.1124
49	50	HDR UNBIAS	62.431	62.853	0.4218
50	50	HDR UNBIAS	64.918	64.249	-0.6686
51	100	HDR BIAS	63.812	64.522	0.7103
52	100	HDR BIAS	62.892	63.897	1.0052
53	100	HDR BIAS	64.775	65.96	1.184
54	100	HDR BIAS	64.385	65.743	1.3581
55	100	HDR BIAS	62.741	65.129	2.3879
56	100	HDR UNBIAS	65.444	65.141	-0.3031
57	100	HDR UNBIAS	63.484	64.267	0.7831
58	100	HDR UNBIAS	61.206	62.048	0.8427
59	100	HDR UNBIAS	62.944	64.457	1.5134
60	100	HDR UNBIAS	63.015	64.055	1.0401
71	0	CORRELATION	65.226	62.575	-2.6504
72	0	CORRELATION	63.179	63.962	0.7825
73	0	CORRELATION	62.888	64.035	1.1468

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.888	63.764	65.226	1.274	62.575	63.524	64.035	0.82235	-2.6504	-0.24037	1.1468	2.0951
3	62.383	63.384	64.297	0.58096	62.42	63.484	64.295	0.70107	-0.5528	0.09981	0.5893	0.36578
10	62.54	63.556	64.88	0.81507	62.848	63.759	64.37	0.55033	-0.5102	0.20303	0.7151	0.35366
30	61.81	63.215	64.575	1.0599	62.331	63.8	65.422	0.91593	-0.3741	0.58514	1.4267	0.58055
50	60.949	63.776	64.918	1.2335	61.986	64.314	65.472	1.0999	-0.6686	0.53794	1.3931	0.62582
100	61.206	63.47	65.444	1.2033	62.048	64.522	65.96	1.1109	-0.3031	1.0522	2.3879	0.68151

Device Test: 28.33 TIMING|DELAY/CS/4.5/4.5/0/1000/4.5/100kHz//@CS_ILIM_DELAY





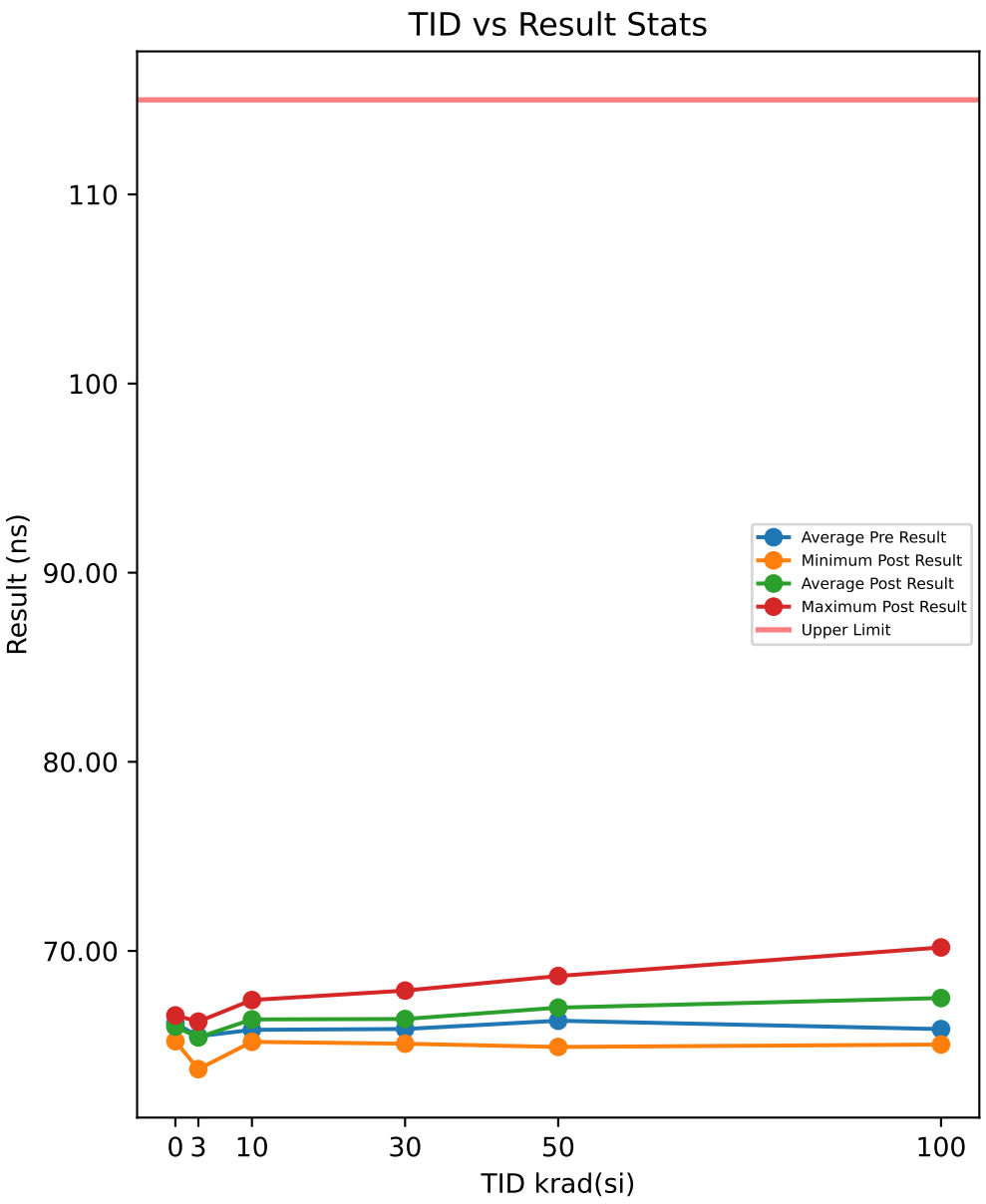
Test Results (Upper Limit = 115.0 (ns))

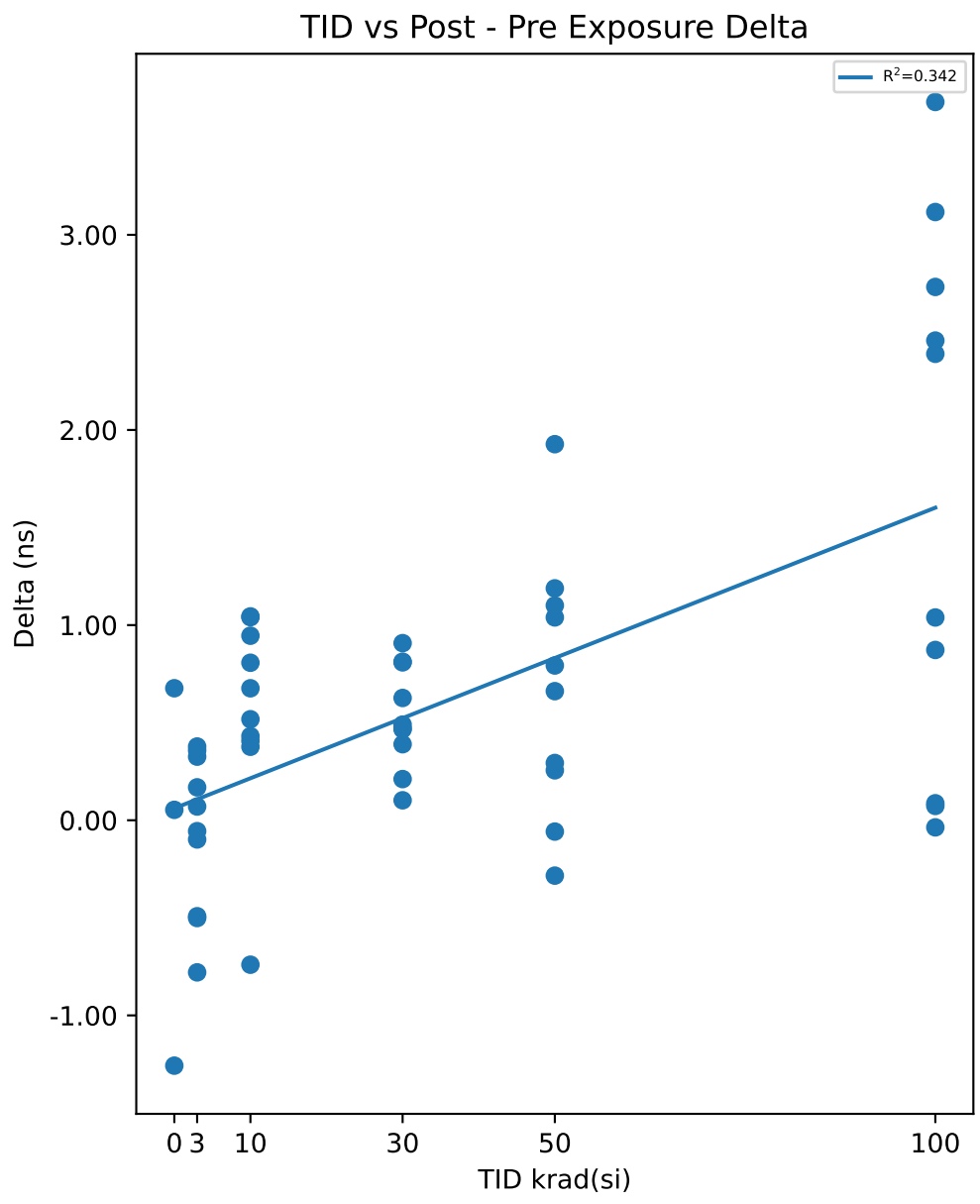
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	71.375	71.336	-0.0393
2	3	HDR BIAS	72.088	72.183	0.0958
3	3	HDR BIAS	70.859	70.508	-0.3517
4	3	HDR BIAS	71.698	71.085	-0.6139
5	3	HDR BIAS	72.041	71.993	-0.0487
6	3	HDR UNBIAS	69.123	69.062	-0.0609
7	3	HDR UNBIAS	70.698	70.922	0.2236
8	3	HDR UNBIAS	72.127	71.34	-0.7866
9	3	HDR UNBIAS	71.484	72.247	0.7638
10	3	HDR UNBIAS	71.812	71.871	0.0588
11	10	HDR BIAS	72.167	71.649	-0.5175
12	10	HDR BIAS	70.956	71.157	0.2011
13	10	HDR BIAS	70.09	71.23	1.1399
14	10	HDR BIAS	72.027	72.096	0.0685
15	10	HDR BIAS	70.649	71.041	0.3924
16	10	HDR UNBIAS	72.033	72.245	0.2115
17	10	HDR UNBIAS	72.342	73.022	0.6804
18	10	HDR UNBIAS	72.145	71.678	-0.4678
19	10	HDR UNBIAS	70.035	70.737	0.7025
20	10	HDR UNBIAS	72.303	72.433	0.1298
31	30	HDR BIAS	72.399	73.772	1.3727
32	30	HDR BIAS	71.971	73.716	1.745
33	30	HDR BIAS	70.62	71.512	0.8918
34	30	HDR BIAS	69.673	71.912	2.2387
35	30	HDR BIAS	72.721	73.094	0.3732
36	30	HDR UNBIAS	69.44	70.542	1.102
37	30	HDR UNBIAS	72.256	72.179	-0.0772
38	30	HDR UNBIAS	71.372	71.534	0.162
39	30	HDR UNBIAS	71.479	72.394	0.9148
40	30	HDR UNBIAS	70.043	71.117	1.0737
41	50	HDR BIAS	71.727	72.792	1.0658
42	50	HDR BIAS	72.571	73.82	1.2495
43	50	HDR BIAS	69.361	70.291	0.9297
44	50	HDR BIAS	72.29	74.134	1.8432
45	50	HDR BIAS	72.02	73.694	1.6748
46	50	HDR UNBIAS	71.007	71.711	0.7042
47	50	HDR UNBIAS	72.716	72.534	-0.1821
48	50	HDR UNBIAS	72.358	73.097	0.7387
49	50	HDR UNBIAS	70.663	71.05	0.3869
50	50	HDR UNBIAS	71.6	73.121	1.5207
51	100	HDR BIAS	71.581	74.255	2.674
52	100	HDR BIAS	70.269	73.578	3.309
53	100	HDR BIAS	73.531	75.205	1.6744
54	100	HDR BIAS	71.463	74.463	2.9996
55	100	HDR BIAS	71.417	74.28	2.8633
56	100	HDR UNBIAS	72.916	73.937	1.0205
57	100	HDR UNBIAS	70.54	71.96	1.4206
58	100	HDR UNBIAS	68.927	70.164	1.2371
59	100	HDR UNBIAS	71.02	72.025	1.0048
60	100	HDR UNBIAS	71.216	71.895	0.6785
71	0	CORRELATION	72.752	70.465	-2.2873
72	0	CORRELATION	71.437	72.016	0.579
73	0	CORRELATION	71.584	71.83	0.246

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	71.437	71.924	72.752	0.72062	70.465	71.437	72.016	0.84699	-2.2873	-0.48743	0.579	1.5676
3	69.123	71.331	72.127	0.91902	69.062	71.255	72.247	0.95989	-0.7866	-0.07591	0.7638	0.43657
10	70.035	71.475	72.342	0.93848	70.737	71.729	73.022	0.71574	-0.5175	0.25408	1.1399	0.51181
30	69.44	71.197	72.721	1.1865	70.542	72.177	73.772	1.0812	-0.0772	0.97967	2.2387	0.70824
50	69.361	71.631	72.716	1.0362	70.291	72.624	74.134	1.2524	-0.1821	0.99314	1.8432	0.61802
100	68.927	71.288	73.531	1.2938	70.164	73.176	75.205	1.5782	0.6785	1.8882	3.309	0.97223

Device Test: 28.34 TIMING|DELAY/CS/5/5/0/1000/5/100kHz//@CS_ILIM_DELAY





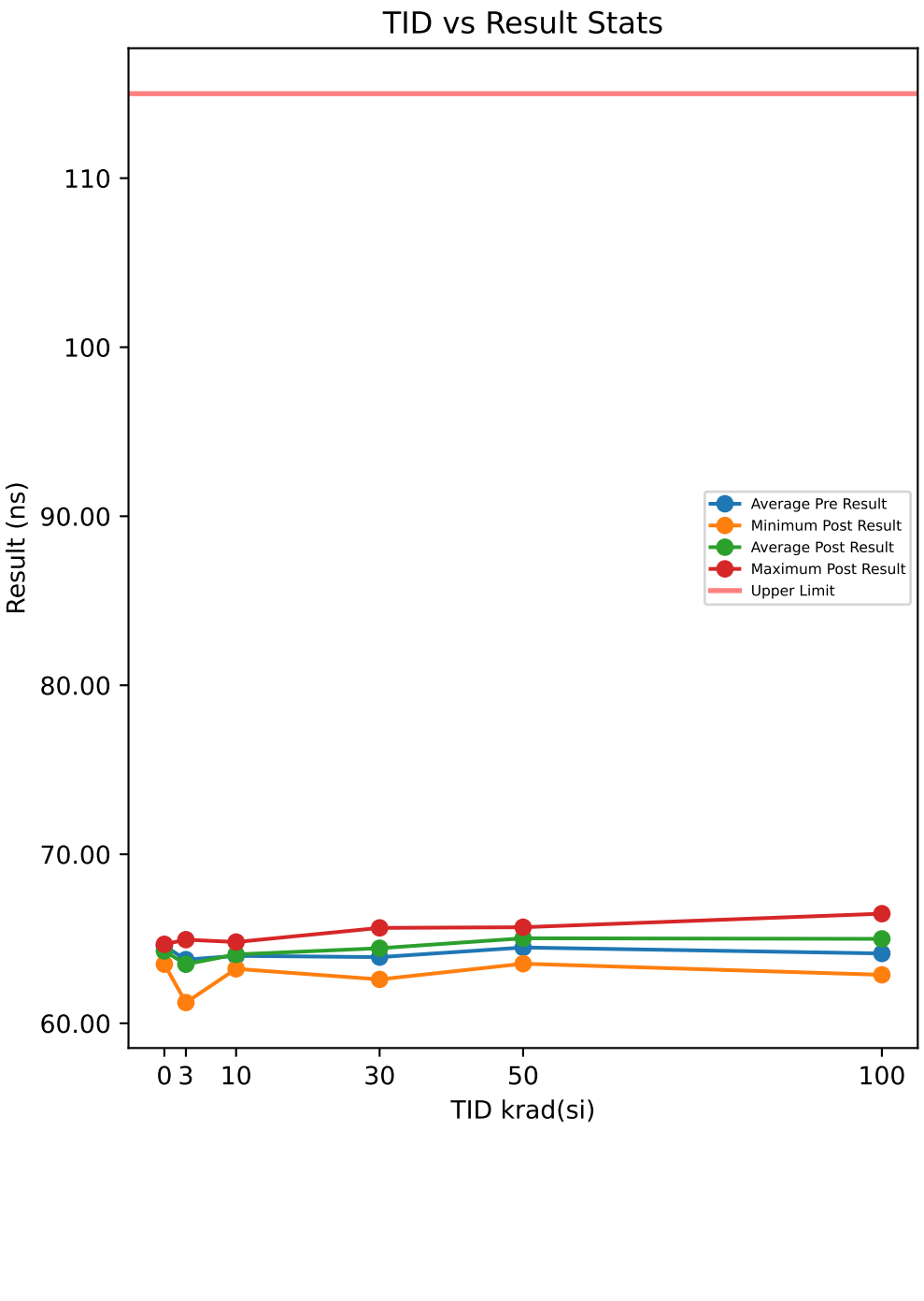
Test Results (Upper Limit = 115.0 (ns))

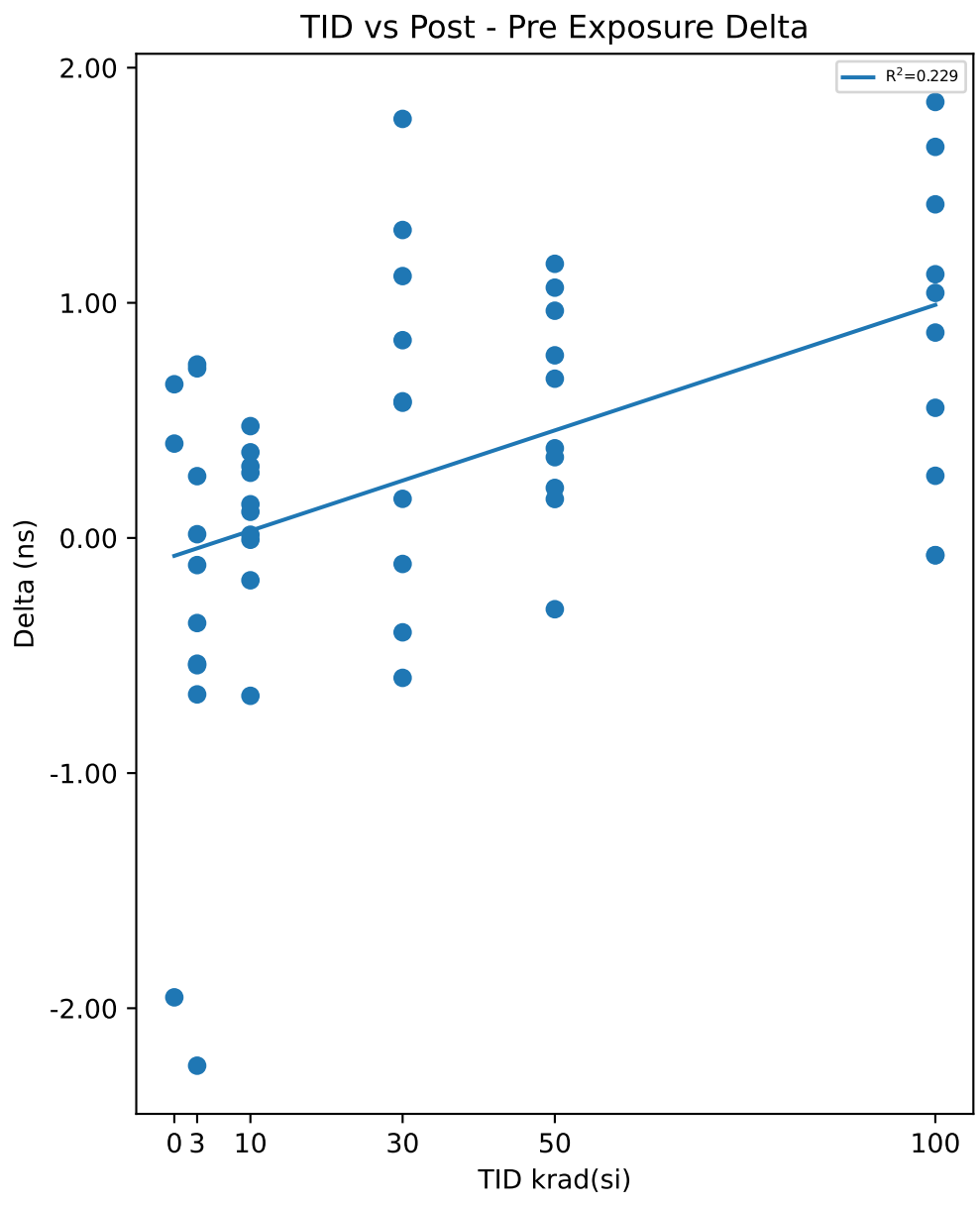
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	65.463	65.821	0.3581
2	3	HDR BIAS	66.1	66.044	-0.0559
3	3	HDR BIAS	64.747	64.817	0.0703
4	3	HDR BIAS	65.202	65.371	0.1686
5	3	HDR BIAS	66.18	65.679	-0.5011
6	3	HDR UNBIAS	63.849	63.751	-0.0984
7	3	HDR UNBIAS	64.434	64.812	0.3778
8	3	HDR UNBIAS	66.517	65.738	-0.7796
9	3	HDR UNBIAS	66.447	65.955	-0.4919
10	3	HDR UNBIAS	65.939	66.264	0.3259
11	10	HDR BIAS	65.975	66.782	0.8071
12	10	HDR BIAS	65.203	66.148	0.9456
13	10	HDR BIAS	64.763	65.194	0.4312
14	10	HDR BIAS	66.674	65.933	-0.7403
15	10	HDR BIAS	64.467	65.507	1.0406
16	10	HDR UNBIAS	66.275	66.682	0.4071
17	10	HDR UNBIAS	66.729	67.406	0.6763
18	10	HDR UNBIAS	66.652	67.029	0.3766
19	10	HDR UNBIAS	65.21	65.727	0.5176
20	10	HDR UNBIAS	66.354	67.399	1.0446
31	30	HDR BIAS	66.656	67.283	0.6267
32	30	HDR BIAS	67.091	67.903	0.8124
33	30	HDR BIAS	64.879	65.35	0.4708
34	30	HDR BIAS	64.74	65.55	0.8091
35	30	HDR BIAS	67.311	67.522	0.211
36	30	HDR UNBIAS	64.743	65.133	0.3896
37	30	HDR UNBIAS	66.81	66.912	0.1023
38	30	HDR UNBIAS	65.911	66.818	0.9076
39	30	HDR UNBIAS	65.988	66.454	0.466
40	30	HDR UNBIAS	64.606	65.096	0.4902
41	50	HDR BIAS	66.377	67.417	1.0394
42	50	HDR BIAS	66.748	67.936	1.1883
43	50	HDR BIAS	63.824	64.924	1.1006
44	50	HDR BIAS	66.997	67.659	0.6615
45	50	HDR BIAS	66.748	68.675	1.9271
46	50	HDR UNBIAS	65.93	66.723	0.793
47	50	HDR UNBIAS	67.163	67.419	0.2558
48	50	HDR UNBIAS	67.038	66.755	-0.2838
49	50	HDR UNBIAS	65.394	65.336	-0.0581
50	50	HDR UNBIAS	66.884	67.177	0.2934
51	100	HDR BIAS	65.339	69.019	3.6808
52	100	HDR BIAS	64.847	67.58	2.7329
53	100	HDR BIAS	67.07	70.186	3.1168
54	100	HDR BIAS	66.125	68.583	2.4581
55	100	HDR BIAS	65.994	68.384	2.3902
56	100	HDR UNBIAS	67.55	67.513	-0.0365
57	100	HDR UNBIAS	66.074	66.161	0.087
58	100	HDR UNBIAS	64.179	65.052	0.8726
59	100	HDR UNBIAS	66.302	66.375	0.0733
60	100	HDR UNBIAS	65.205	66.244	1.0391
71	0	CORRELATION	66.485	65.227	-1.2576
72	0	CORRELATION	65.914	66.591	0.6765
73	0	CORRELATION	66.12	66.174	0.0534

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	65.914	66.173	66.485	0.28905	65.227	65.997	66.591	0.69857	-1.2576	-0.1759	0.6765	0.98723
3	63.849	65.488	66.517	0.9106	63.751	65.425	66.264	0.76296	-0.7796	-0.06262	0.3778	0.4062
10	64.467	65.83	66.729	0.84762	65.194	66.381	67.406	0.78954	-0.7403	0.55064	1.0446	0.52222
30	64.606	65.873	67.311	1.0651	65.096	66.402	67.903	1.0473	0.1023	0.52857	0.9076	0.26313
50	63.824	66.31	67.163	1.0336	64.924	67.002	68.675	1.1408	-0.2838	0.69172	1.9271	0.66119
100	64.179	65.868	67.55	1.011	65.052	67.51	70.186	1.5676	-0.0365	1.6414	3.6808	1.3904

Device Test: 28.35 TIMING|DELAY/CS/12/12/0/1000/5/100kHz//@CS_ILIM_DELAY





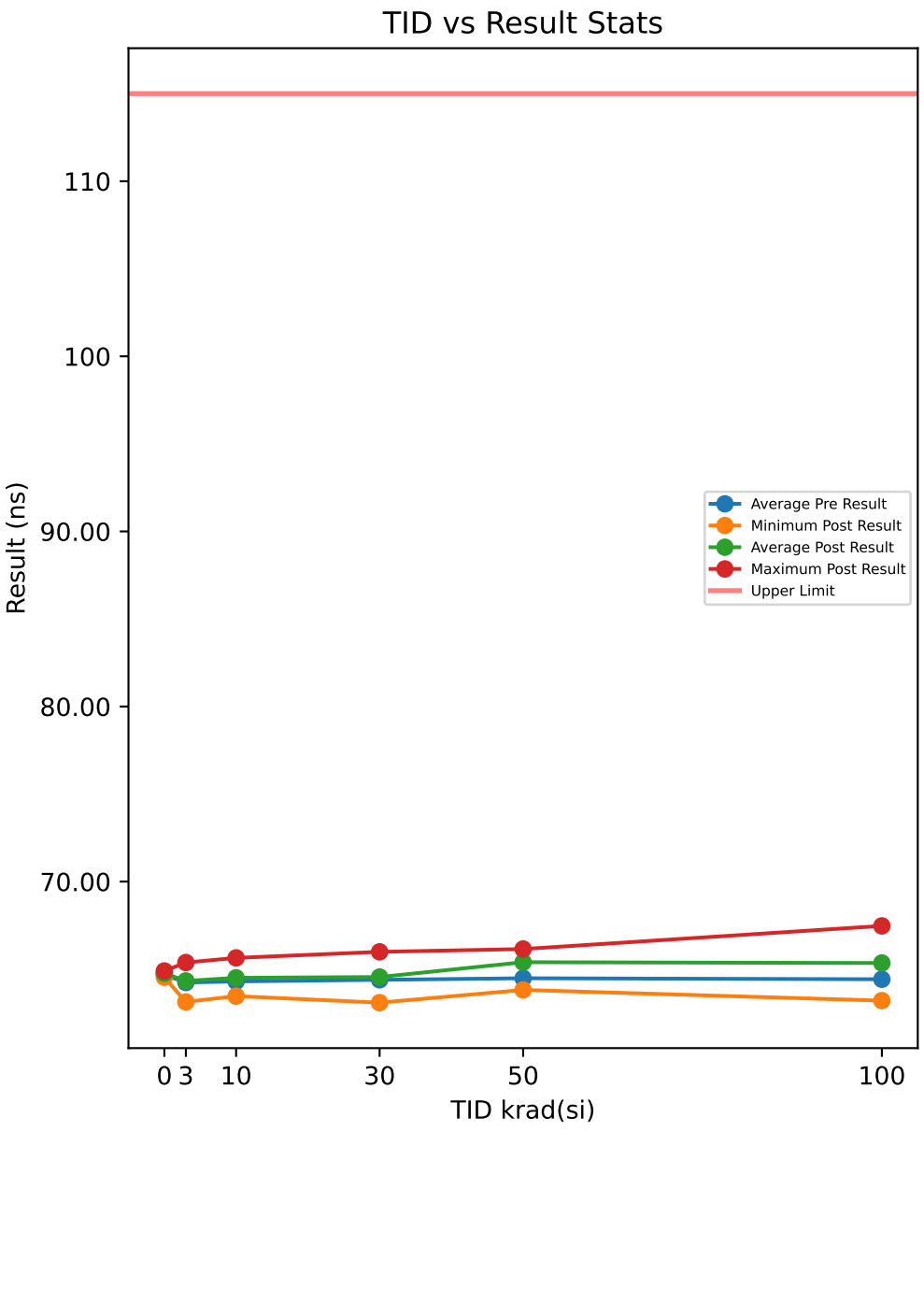
Test Results (Upper Limit = 115.0 (ns))

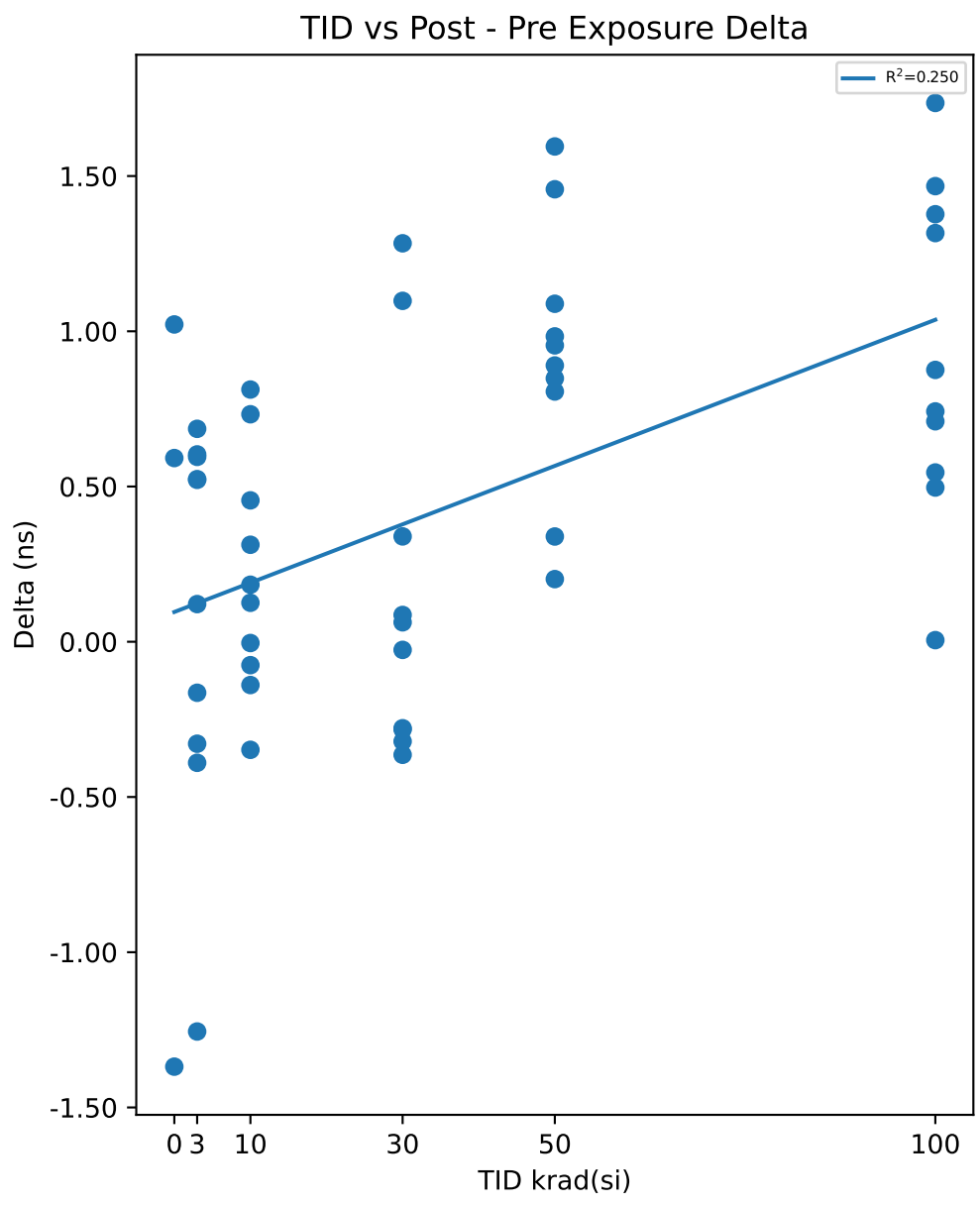
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.836	63.294	-0.5413
2	3	HDR BIAS	64.933	64.949	0.0159
3	3	HDR BIAS	63.182	63.066	-0.1154
4	3	HDR BIAS	63.94	64.678	0.7379
5	3	HDR BIAS	64.621	63.956	-0.6653
6	3	HDR UNBIAS	62.01	62.273	0.2628
7	3	HDR UNBIAS	62.863	63.585	0.7213
8	3	HDR UNBIAS	64.385	64.023	-0.3619
9	3	HDR UNBIAS	63.472	61.228	-2.2444
10	3	HDR UNBIAS	64.435	63.9	-0.5348
11	10	HDR BIAS	64.767	64.096	-0.6714
12	10	HDR BIAS	63.112	63.477	0.3643
13	10	HDR BIAS	63.64	63.784	0.1433
14	10	HDR BIAS	64.295	64.287	-0.0077
15	10	HDR BIAS	62.897	63.373	0.4756
16	10	HDR UNBIAS	64.457	64.276	-0.1801
17	10	HDR UNBIAS	64.708	64.722	0.0137
18	10	HDR UNBIAS	64.39	64.694	0.3045
19	10	HDR UNBIAS	63.113	63.224	0.1112
20	10	HDR UNBIAS	64.532	64.809	0.2772
31	30	HDR BIAS	64.262	65.572	1.3097
32	30	HDR BIAS	64.804	65.645	0.8411
33	30	HDR BIAS	62.544	63.658	1.1137
34	30	HDR BIAS	63.343	63.509	0.1664
35	30	HDR BIAS	65.66	65.549	-0.1106
36	30	HDR UNBIAS	63	62.599	-0.4014
37	30	HDR UNBIAS	64.79	65.365	0.5751
38	30	HDR UNBIAS	64.95	64.355	-0.595
39	30	HDR UNBIAS	64.072	64.653	0.5811
40	30	HDR UNBIAS	61.742	63.524	1.7822
41	50	HDR BIAS	64.955	65.121	0.1655
42	50	HDR BIAS	65.196	65.578	0.3814
43	50	HDR BIAS	62.361	63.527	1.1659
44	50	HDR BIAS	64.871	65.648	0.7767
45	50	HDR BIAS	64.816	65.493	0.6773
46	50	HDR UNBIAS	64.306	65.272	0.9664
47	50	HDR UNBIAS	65.472	65.685	0.2128
48	50	HDR UNBIAS	65.343	65.04	-0.3031
49	50	HDR UNBIAS	62.581	63.645	1.0645
50	50	HDR UNBIAS	64.959	65.303	0.3434
51	100	HDR BIAS	64.109	65.963	1.8542
52	100	HDR BIAS	62.981	64.4	1.4188
53	100	HDR BIAS	65.444	66.486	1.0422
54	100	HDR BIAS	64.947	65.5	0.5535
55	100	HDR BIAS	63.471	65.135	1.6632
56	100	HDR UNBIAS	65.343	66.465	1.1215
57	100	HDR UNBIAS	64.247	64.173	-0.0738
58	100	HDR UNBIAS	62.606	62.87	0.2644
59	100	HDR UNBIAS	64.156	65.029	0.8735
60	100	HDR UNBIAS	64.022	63.949	-0.073
71	0	CORRELATION	65.453	63.499	-1.9538
72	0	CORRELATION	64.009	64.663	0.6537
73	0	CORRELATION	64.274	64.675	0.4013

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	64.009	64.579	65.453	0.76838	63.499	64.279	64.675	0.67573	-1.9538	-0.2996	0.6537	1.4381
3	62.01	63.768	64.933	0.89966	61.228	63.495	64.949	1.1073	-2.2444	-0.27252	0.7379	0.856
10	62.897	63.991	64.767	0.7258	63.224	64.074	64.809	0.58571	-0.6714	0.08306	0.4756	0.32928
30	61.742	63.917	65.66	1.2285	62.599	64.443	65.645	1.0843	-0.595	0.52623	1.7822	0.76693
50	62.361	64.486	65.472	1.11	63.527	65.031	65.685	0.79175	-0.3031	0.54508	1.1659	0.4649
100	62.606	64.133	65.444	0.94088	62.87	64.997	66.486	1.1659	-0.0738	0.86445	1.8542	0.68626

Device Test: 28.36 TIMING|DELAY/CS/14/14/0/1000/5/100kHz//@CS_ILIM_DELAY





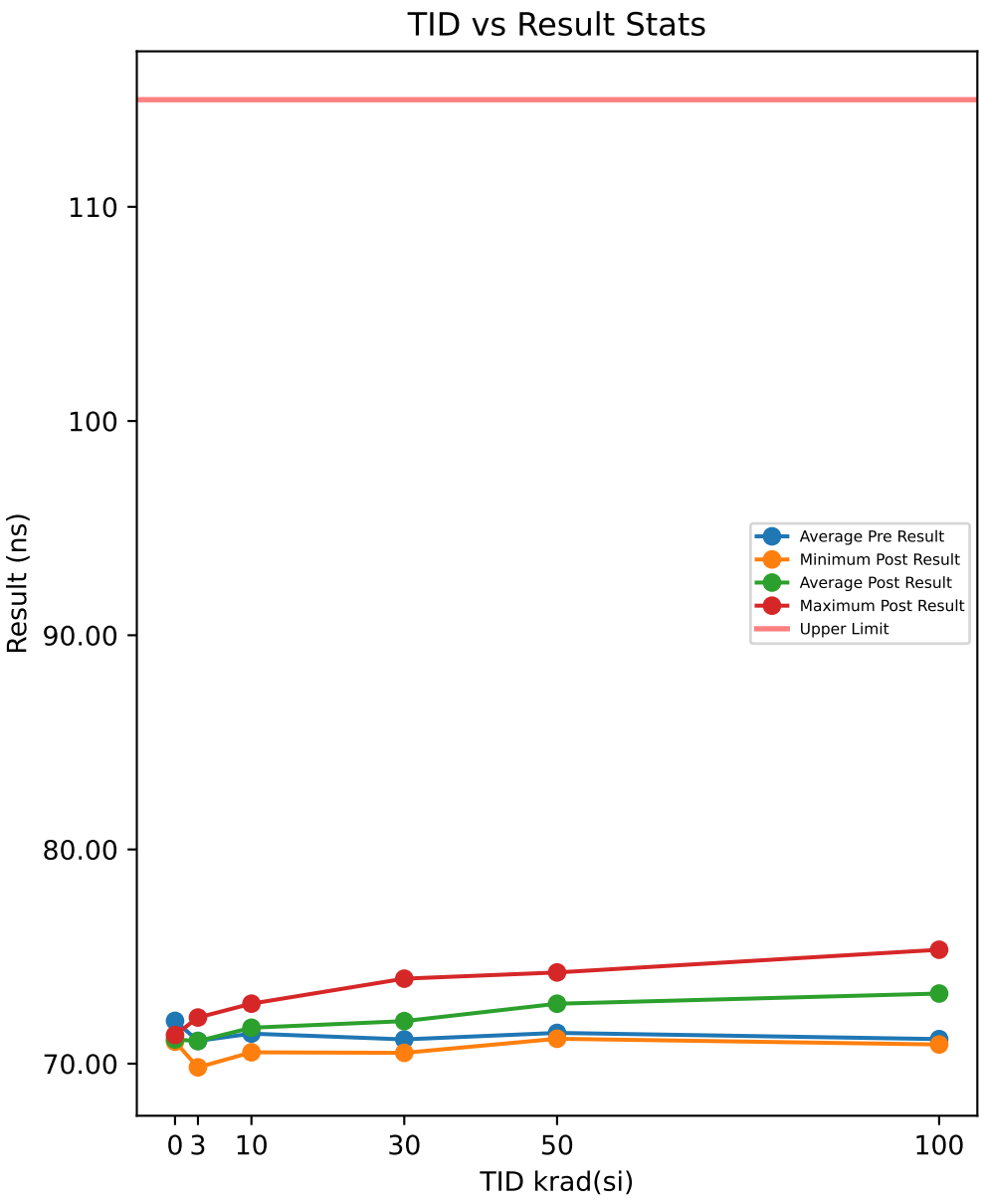
Test Results (Upper Limit = 115.0 (ns))

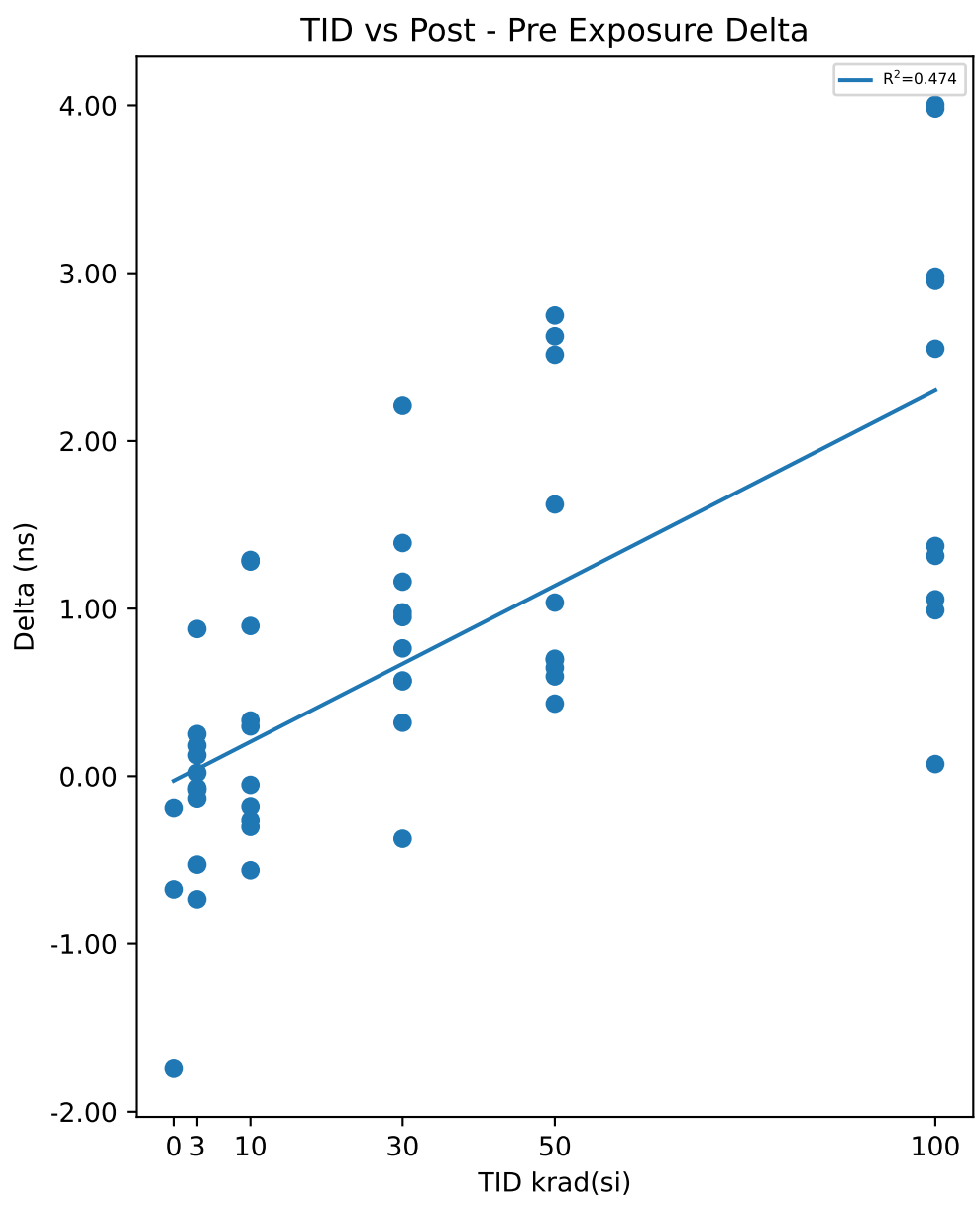
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.945	63.555	-0.3899
2	3	HDR BIAS	64.781	65.377	0.5955
3	3	HDR BIAS	63.287	63.973	0.6858
4	3	HDR BIAS	65.298	65.134	-0.1643
5	3	HDR BIAS	64.419	64.943	0.5238
6	3	HDR UNBIAS	62.523	63.127	0.6034
7	3	HDR UNBIAS	63.701	64.223	0.5215
8	3	HDR UNBIAS	65.142	64.813	-0.3285
9	3	HDR UNBIAS	64.666	63.411	-1.2554
10	3	HDR UNBIAS	64.606	64.727	0.1213
11	10	HDR BIAS	65.038	65.034	-0.0041
12	10	HDR BIAS	63.519	64.331	0.8123
13	10	HDR BIAS	63.147	63.459	0.3124
14	10	HDR BIAS	64.41	64.594	0.1837
15	10	HDR BIAS	63.916	63.777	-0.1394
16	10	HDR UNBIAS	64.775	64.427	-0.3481
17	10	HDR UNBIAS	65.114	65.039	-0.0754
18	10	HDR UNBIAS	64.842	64.967	0.1255
19	10	HDR UNBIAS	63.324	63.78	0.4554
20	10	HDR UNBIAS	64.91	65.643	0.7327
31	30	HDR BIAS	64.705	65.989	1.2834
32	30	HDR BIAS	65.561	65.535	-0.0262
33	30	HDR BIAS	63.212	63.275	0.0626
34	30	HDR BIAS	62.844	63.942	1.098
35	30	HDR BIAS	66.167	65.889	-0.2786
36	30	HDR UNBIAS	63.407	63.086	-0.3209
37	30	HDR UNBIAS	64.946	65.033	0.0863
38	30	HDR UNBIAS	65.068	64.704	-0.3641
39	30	HDR UNBIAS	64.587	64.305	-0.2825
40	30	HDR UNBIAS	63.412	63.751	0.3393
41	50	HDR BIAS	64.577	65.425	0.8483
42	50	HDR BIAS	64.773	65.728	0.9546
43	50	HDR BIAS	62.724	63.813	1.0886
44	50	HDR BIAS	64.69	66.148	1.4574
45	50	HDR BIAS	64.829	65.813	0.9835
46	50	HDR UNBIAS	63.944	65.539	1.5953
47	50	HDR UNBIAS	65.595	65.934	0.339
48	50	HDR UNBIAS	64.591	65.397	0.806
49	50	HDR UNBIAS	63.655	64.545	0.8899
50	50	HDR UNBIAS	65.416	65.618	0.2018
51	100	HDR BIAS	64.499	66.234	1.7354
52	100	HDR BIAS	64.01	64.555	0.5452
53	100	HDR BIAS	66.728	67.47	0.7419
54	100	HDR BIAS	65.131	66.599	1.4675
55	100	HDR BIAS	63.968	65.345	1.377
56	100	HDR UNBIAS	66.128	66.134	0.0052
57	100	HDR UNBIAS	63.618	64.494	0.8756
58	100	HDR UNBIAS	62.705	63.202	0.4967
59	100	HDR UNBIAS	63.838	65.154	1.3163
60	100	HDR UNBIAS	63.603	64.313	0.7101
71	0	CORRELATION	65.907	64.538	-1.3686
72	0	CORRELATION	64.303	64.895	0.5917
73	0	CORRELATION	63.833	64.855	1.022

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.833	64.681	65.907	1.0872	64.538	64.763	64.895	0.19555	-1.3686	0.0817	1.022	1.2743
3	62.523	64.237	65.298	0.86963	63.127	64.328	65.377	0.7847	-1.2554	0.09132	0.6858	0.62624
10	63.147	64.3	65.114	0.75644	63.459	64.505	65.643	0.68851	-0.3481	0.2055	0.8123	0.37641
30	62.844	64.391	66.167	1.1126	63.086	64.551	65.989	1.0502	-0.3641	0.15973	1.2834	0.58857
50	62.724	64.48	65.595	0.84613	63.813	65.396	66.148	0.70234	0.2018	0.91644	1.5953	0.42827
100	62.705	64.423	66.728	1.2347	63.202	65.35	67.47	1.2712	0.0052	0.92709	1.7354	0.53378

Device Test: 28.37 TIMING|DELAY/CS/4.5/4.5/0/1000/4.5/500kHz//@CS_ILIM_DELAY





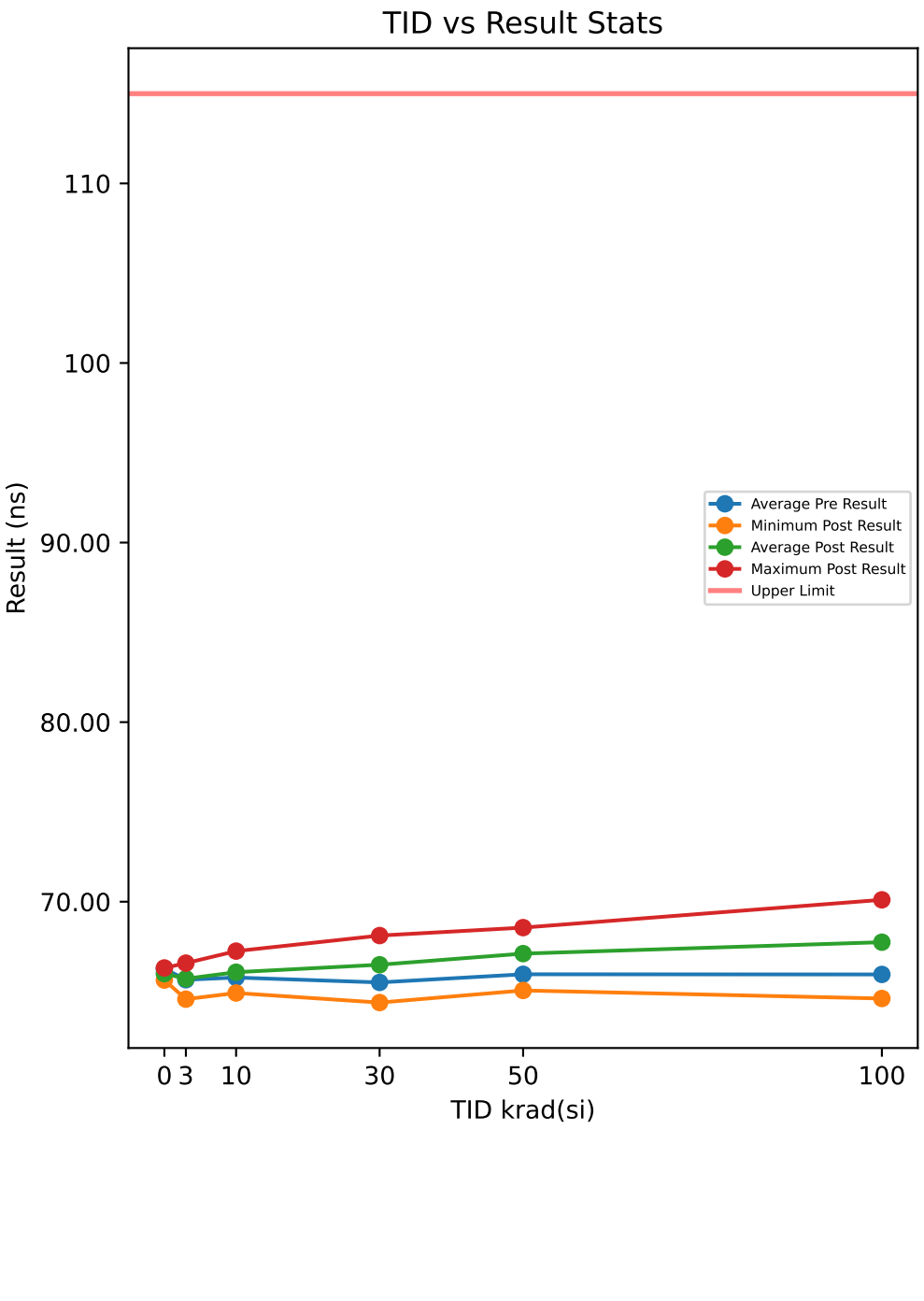
Test Results (Upper Limit = 115.0 (ns))

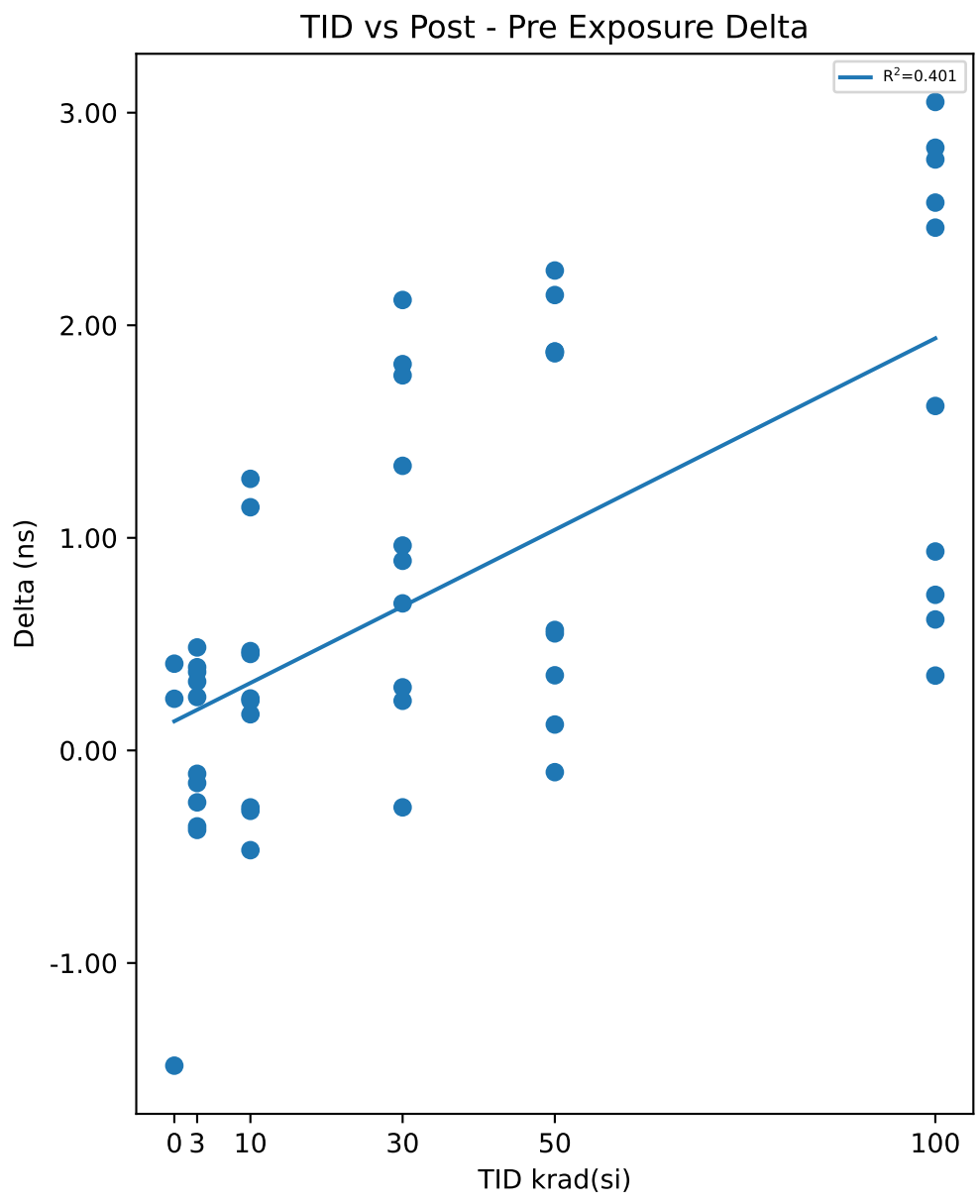
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	71.311	70.578	-0.7331
2	3	HDR BIAS	71.547	71.415	-0.1319
3	3	HDR BIAS	70.823	70.296	-0.5274
4	3	HDR BIAS	70.94	71.123	0.1828
5	3	HDR BIAS	71.938	71.868	-0.0696
6	3	HDR UNBIAS	69.806	69.826	0.0202
7	3	HDR UNBIAS	69.801	70.052	0.2515
8	3	HDR UNBIAS	72.027	72.152	0.1249
9	3	HDR UNBIAS	71.471	71.39	-0.0805
10	3	HDR UNBIAS	70.963	71.841	0.8783
11	10	HDR BIAS	72.072	72.405	0.3328
12	10	HDR BIAS	71.093	70.914	-0.1786
13	10	HDR BIAS	71.09	70.529	-0.561
14	10	HDR BIAS	71.211	72.108	0.8965
15	10	HDR BIAS	69.765	71.045	1.2805
16	10	HDR UNBIAS	72.062	71.802	-0.2601
17	10	HDR UNBIAS	72.312	72.26	-0.0516
18	10	HDR UNBIAS	71.51	72.801	1.2904
19	10	HDR UNBIAS	70.861	70.558	-0.3025
20	10	HDR UNBIAS	72.046	72.343	0.2972
31	30	HDR BIAS	71.759	73.968	2.2091
32	30	HDR BIAS	72.545	73.705	1.1604
33	30	HDR BIAS	69.313	70.704	1.3912
34	30	HDR BIAS	70.478	71.241	0.7628
35	30	HDR BIAS	72.086	73.035	0.9493
36	30	HDR UNBIAS	70.184	70.504	0.3194
37	30	HDR UNBIAS	71.601	72.167	0.5661
38	30	HDR UNBIAS	71.998	71.625	-0.3734
39	30	HDR UNBIAS	70.852	71.424	0.5719
40	30	HDR UNBIAS	70.5	71.478	0.9775
41	50	HDR BIAS	71.146	73.66	2.514
42	50	HDR BIAS	71.633	74.258	2.6243
43	50	HDR BIAS	68.538	71.286	2.7481
44	50	HDR BIAS	72.592	73.293	0.701
45	50	HDR BIAS	72.644	73.68	1.0359
46	50	HDR UNBIAS	70.976	72.597	1.6213
47	50	HDR UNBIAS	72.331	73.025	0.6943
48	50	HDR UNBIAS	72.471	73.118	0.6472
49	50	HDR UNBIAS	70.729	71.162	0.4331
50	50	HDR UNBIAS	71.297	71.893	0.5956
51	100	HDR BIAS	71.027	75.03	4.0033
52	100	HDR BIAS	70.341	74.322	3.9808
53	100	HDR BIAS	72.338	75.317	2.98
54	100	HDR BIAS	71.31	74.264	2.9541
55	100	HDR BIAS	71.6	74.15	2.5495
56	100	HDR UNBIAS	73.113	73.185	0.0724
57	100	HDR UNBIAS	70.859	71.849	0.9898
58	100	HDR UNBIAS	69.52	70.894	1.3734
59	100	HDR UNBIAS	70.728	71.783	1.0555
60	100	HDR UNBIAS	70.623	71.938	1.3145
71	0	CORRELATION	72.772	71.028	-1.7434
72	0	CORRELATION	71.524	71.337	-0.1872
73	0	CORRELATION	71.699	71.024	-0.6744

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	71.524	71.998	72.772	0.67544	71.024	71.13	71.337	0.17948	-1.7434	-0.86833	-0.1872	0.79602
3	69.801	71.063	72.027	0.77552	69.826	71.054	72.152	0.81976	-0.7331	-0.00848	0.8783	0.43814
10	69.765	71.402	72.312	0.77043	70.529	71.677	72.801	0.83848	-0.561	0.27436	1.2904	0.67192
30	69.313	71.132	72.545	1.021	70.504	71.985	73.968	1.2073	-0.3734	0.85343	2.2091	0.68363
50	68.538	71.436	72.644	1.2436	71.162	72.797	74.258	1.0473	0.4331	1.3615	2.7481	0.93448
100	69.52	71.146	73.113	1.0196	70.894	73.273	75.317	1.557	0.0724	2.1273	4.0033	1.3515

Device Test: 28.38 TIMING|DELAY/CS/5/5/0/1000/5/500kHz//@CS_ILIM_DELAY





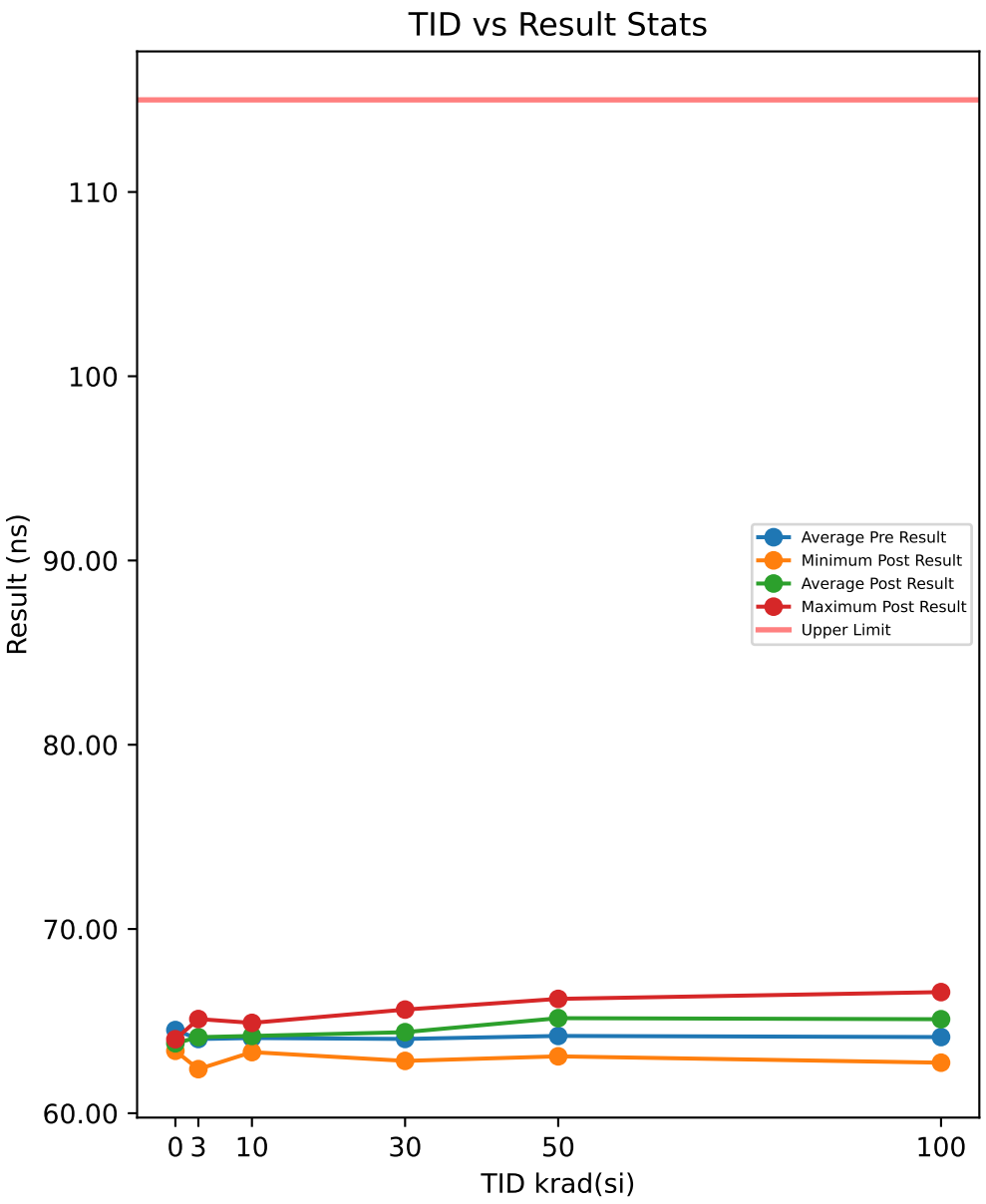
Test Results (Upper Limit = 115.0 (ns))

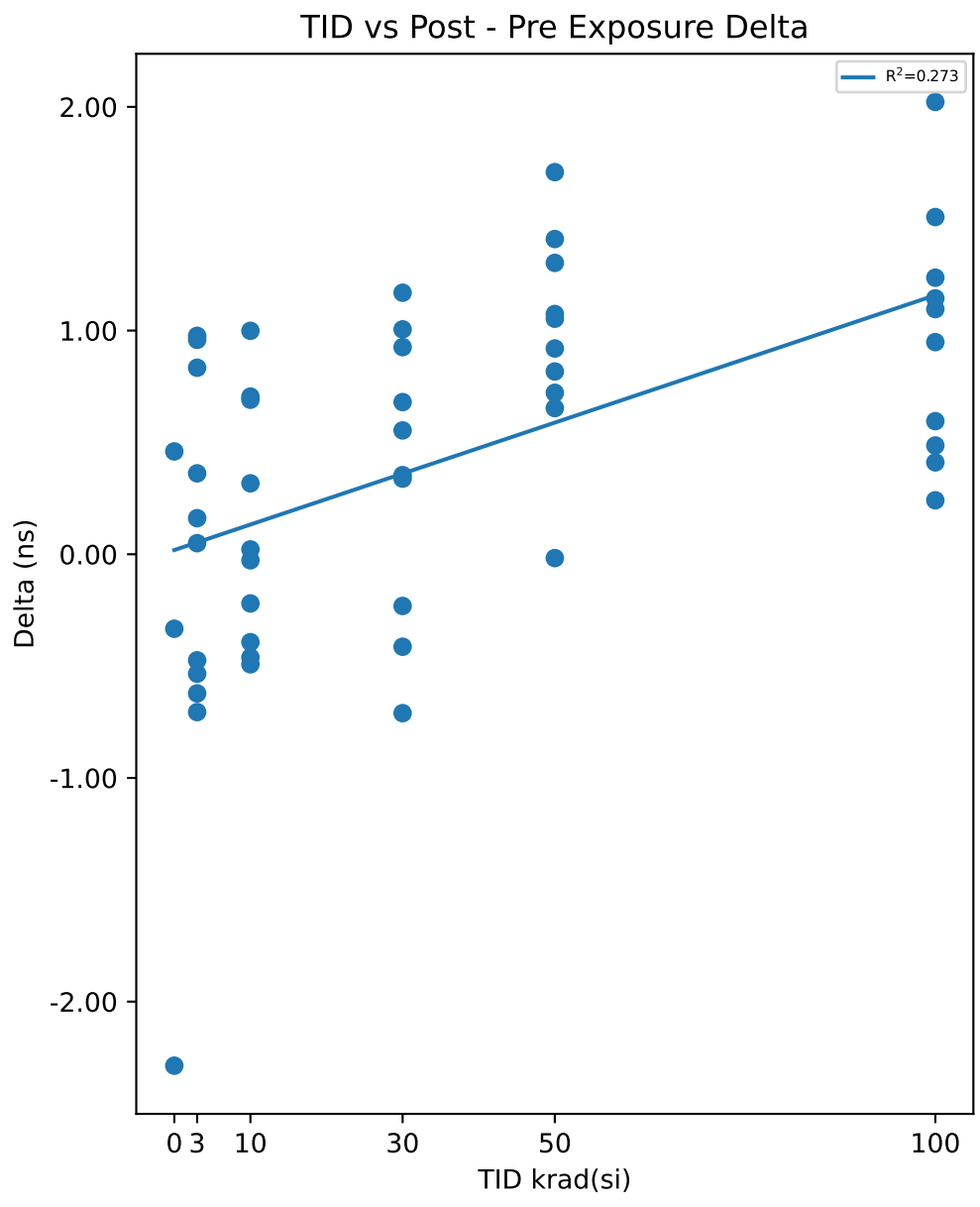
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	65.336	65.66	0.3241
2	3	HDR BIAS	66.69	66.58	-0.1099
3	3	HDR BIAS	65.363	64.989	-0.374
4	3	HDR BIAS	65.739	66.223	0.4844
5	3	HDR BIAS	65.989	66.24	0.2511
6	3	HDR UNBIAS	64.204	64.574	0.3693
7	3	HDR UNBIAS	65.04	64.795	-0.2443
8	3	HDR UNBIAS	66.135	66.527	0.3914
9	3	HDR UNBIAS	65.89	65.736	-0.1533
10	3	HDR UNBIAS	66.157	65.799	-0.3573
11	10	HDR BIAS	65.942	66.112	0.1701
12	10	HDR BIAS	65.165	65.409	0.2444
13	10	HDR BIAS	65.252	65.719	0.4672
14	10	HDR BIAS	66.253	65.968	-0.2842
15	10	HDR BIAS	65.417	64.948	-0.4692
16	10	HDR UNBIAS	65.604	66.748	1.1439
17	10	HDR UNBIAS	66.795	67.249	0.4538
18	10	HDR UNBIAS	65.701	66.979	1.2776
19	10	HDR UNBIAS	65.184	64.915	-0.2681
20	10	HDR UNBIAS	66.461	66.695	0.2341
31	30	HDR BIAS	66.157	67.121	0.9639
32	30	HDR BIAS	67.07	67.962	0.892
33	30	HDR BIAS	64.15	65.968	1.8172
34	30	HDR BIAS	64.119	66.238	2.1189
35	30	HDR BIAS	66.35	68.115	1.7643
36	30	HDR UNBIAS	64.086	64.383	0.2968
37	30	HDR UNBIAS	66.456	66.689	0.2335
38	30	HDR UNBIAS	66.518	66.25	-0.2678
39	30	HDR UNBIAS	65.179	66.518	1.3388
40	30	HDR UNBIAS	64.961	65.652	0.6917
41	50	HDR BIAS	66.172	68.04	1.868
42	50	HDR BIAS	66.239	68.497	2.2576
43	50	HDR BIAS	63.181	65.058	1.8766
44	50	HDR BIAS	66.15	68.292	2.1422
45	50	HDR BIAS	66.681	68.557	1.876
46	50	HDR UNBIAS	66.034	66.155	0.1218
47	50	HDR UNBIAS	66.347	66.913	0.5667
48	50	HDR UNBIAS	66.816	66.714	-0.1023
49	50	HDR UNBIAS	65.236	65.59	0.3534
50	50	HDR UNBIAS	66.727	67.277	0.5505
51	100	HDR BIAS	66.133	68.71	2.577
52	100	HDR BIAS	65.368	68.418	3.0504
53	100	HDR BIAS	67.27	70.105	2.8352
54	100	HDR BIAS	66.326	69.106	2.7799
55	100	HDR BIAS	65.918	68.377	2.4592
56	100	HDR UNBIAS	67.559	68.175	0.616
57	100	HDR UNBIAS	65.841	66.193	0.352
58	100	HDR UNBIAS	63.877	64.609	0.732
59	100	HDR UNBIAS	66.08	67.015	0.9357
60	100	HDR UNBIAS	65.121	66.742	1.6203
71	0	CORRELATION	67.118	65.635	-1.4829
72	0	CORRELATION	65.63	66.038	0.408
73	0	CORRELATION	66.068	66.311	0.243

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	65.63	66.272	67.118	0.76469	65.635	65.995	66.311	0.34002	-1.4829	-0.2773	0.408	1.0473
3	64.204	65.654	66.69	0.699	64.574	65.712	66.58	0.71707	-0.374	0.05815	0.4844	0.33686
10	65.165	65.777	66.795	0.57015	64.915	66.074	67.249	0.83199	-0.4692	0.29696	1.2776	0.57729
30	64.086	65.505	67.07	1.1397	64.383	66.49	68.115	1.0944	-0.2678	0.98493	2.1189	0.77558
50	63.181	65.958	66.816	1.075	65.058	67.109	68.557	1.2445	-0.1023	1.1511	2.2576	0.92745
100	63.877	65.949	67.559	1.0465	64.609	67.745	70.105	1.6045	0.352	1.7958	3.0504	1.0568

Device Test: 28.39 TIMING|DELAY/CS/12/12/0/1000/5/500kHz//@CS_ILIM_DELAY





Test Results (Upper Limit = 115.0 (ns))

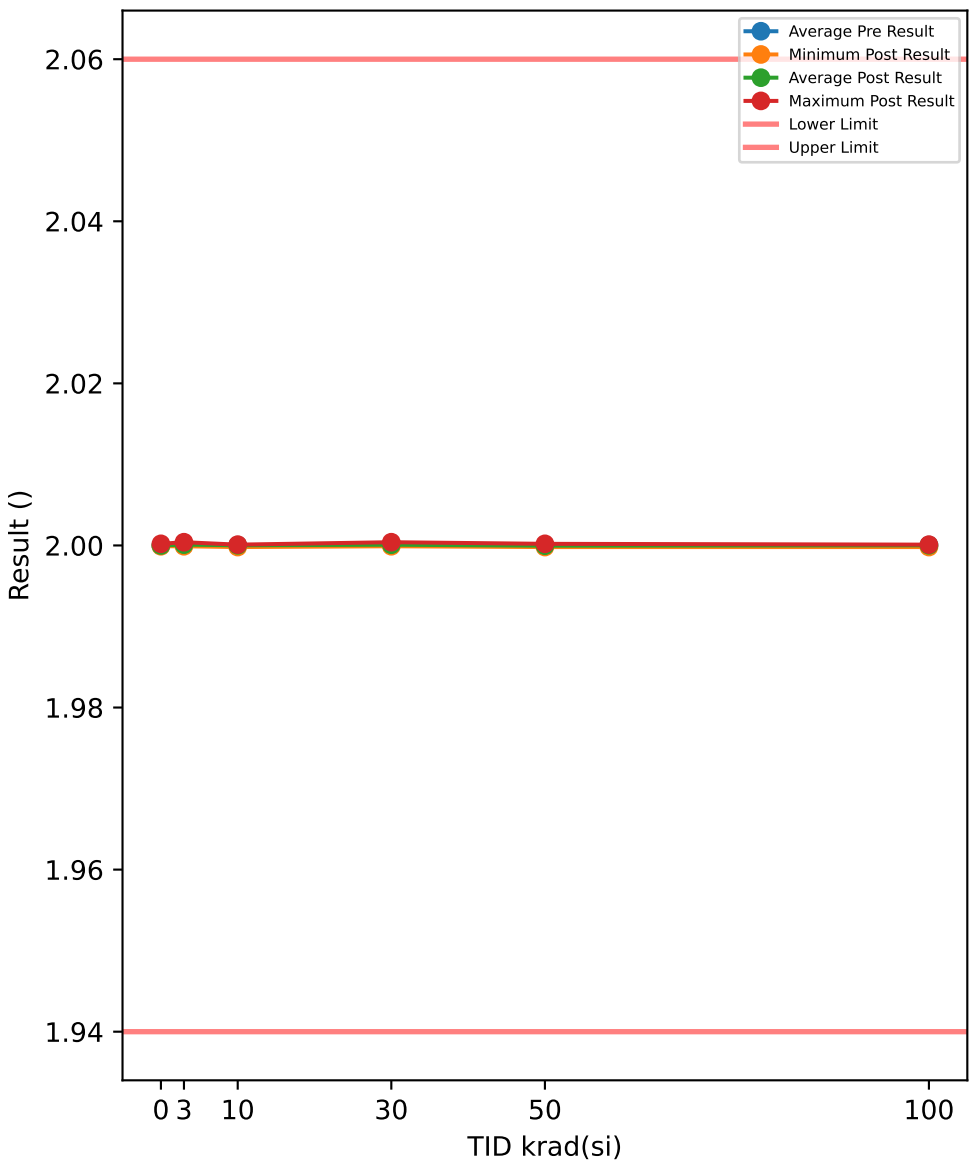
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.798	63.959	0.1613
2	3	HDR BIAS	65.53	64.824	-0.7056
3	3	HDR BIAS	62.759	63.718	0.9586
4	3	HDR BIAS	64.691	64.069	-0.622
5	3	HDR BIAS	64.585	64.635	0.0495
6	3	HDR UNBIAS	62.927	62.394	-0.5339
7	3	HDR UNBIAS	62.757	63.733	0.9764
8	3	HDR UNBIAS	64.509	64.035	-0.4742
9	3	HDR UNBIAS	64.279	65.113	0.8338
10	3	HDR UNBIAS	64.451	64.812	0.3617
11	10	HDR BIAS	64.641	64.662	0.0217
12	10	HDR BIAS	63.105	64.103	0.9989
13	10	HDR BIAS	63.345	63.318	-0.027
14	10	HDR BIAS	64.658	64.265	-0.393
15	10	HDR BIAS	63.03	63.347	0.3171
16	10	HDR UNBIAS	63.699	64.389	0.6907
17	10	HDR UNBIAS	65.365	64.904	-0.4613
18	10	HDR UNBIAS	64.261	64.041	-0.2199
19	10	HDR UNBIAS	63.576	64.281	0.7047
20	10	HDR UNBIAS	65.13	64.638	-0.492
31	30	HDR BIAS	64.945	65.626	0.6802
32	30	HDR BIAS	64.723	65.277	0.5536
33	30	HDR BIAS	62.637	63.806	1.1691
34	30	HDR BIAS	63.239	64.165	0.926
35	30	HDR BIAS	65.644	65.413	-0.2312
36	30	HDR UNBIAS	63.254	62.841	-0.4134
37	30	HDR UNBIAS	64.065	65.07	1.0053
38	30	HDR UNBIAS	64.953	64.243	-0.7104
39	30	HDR UNBIAS	63.421	63.775	0.3538
40	30	HDR UNBIAS	63.443	63.781	0.338
41	50	HDR BIAS	64.334	65.743	1.4092
42	50	HDR BIAS	64.331	66.039	1.7083
43	50	HDR BIAS	62.035	63.088	1.053
44	50	HDR BIAS	64.295	65.597	1.3026
45	50	HDR BIAS	65.13	65.947	0.8171
46	50	HDR UNBIAS	63.966	64.688	0.7217
47	50	HDR UNBIAS	65.133	66.207	1.074
48	50	HDR UNBIAS	65.11	65.763	0.6533
49	50	HDR UNBIAS	63.261	63.244	-0.0171
50	50	HDR UNBIAS	64.364	65.284	0.9199
51	100	HDR BIAS	63.888	65.91	2.0219
52	100	HDR BIAS	63.493	65	1.5074
53	100	HDR BIAS	66.089	66.575	0.4863
54	100	HDR BIAS	64.294	65.531	1.2364
55	100	HDR BIAS	63.965	64.914	0.9484
56	100	HDR UNBIAS	65.833	66.244	0.4107
57	100	HDR UNBIAS	63.706	64.85	1.1439
58	100	HDR UNBIAS	62.503	62.744	0.2412
59	100	HDR UNBIAS	64.243	64.838	0.595
60	100	HDR UNBIAS	63.327	64.423	1.0958
71	0	CORRELATION	65.675	63.388	-2.2863
72	0	CORRELATION	63.521	63.981	0.4597
73	0	CORRELATION	64.351	64.017	-0.3331

Test Statistics (ns)

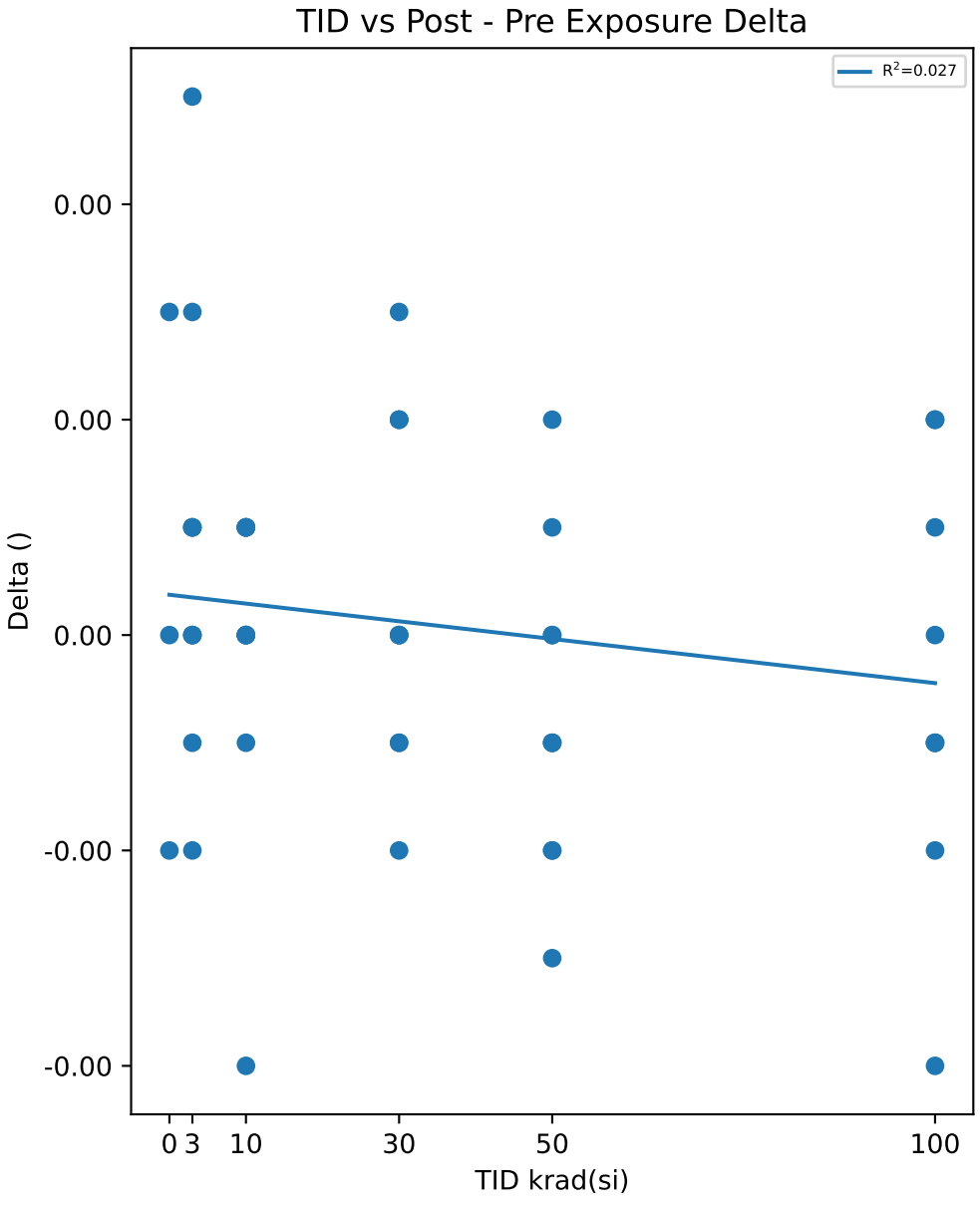
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.521	64.515	65.675	1.0863	63.388	63.796	64.017	0.35304	-2.2863	-0.7199	0.4597	1.4133
3	62.757	64.029	65.53	0.94086	62.394	64.129	65.113	0.78548	-0.7056	0.10056	0.9764	0.66836
10	63.03	64.081	65.365	0.84515	63.318	64.195	64.904	0.52574	-0.492	0.11399	0.9989	0.53758
30	62.637	64.032	65.644	0.98089	62.841	64.4	65.626	0.90566	-0.7104	0.3671	1.1691	0.63464
50	62.035	64.196	65.133	0.95787	63.088	65.16	66.207	1.1346	-0.0171	0.9642	1.7083	0.47471
100	62.503	64.134	66.089	1.0924	62.744	65.103	66.575	1.0806	0.2412	0.9687	2.0219	0.55089

Device Test: 28.4 LEVEL|RATIO/CS/14/14/0/0/5/500kHz//@C_CS_R

TID vs Result Stats



TID vs Post - Pre Exposure Delta



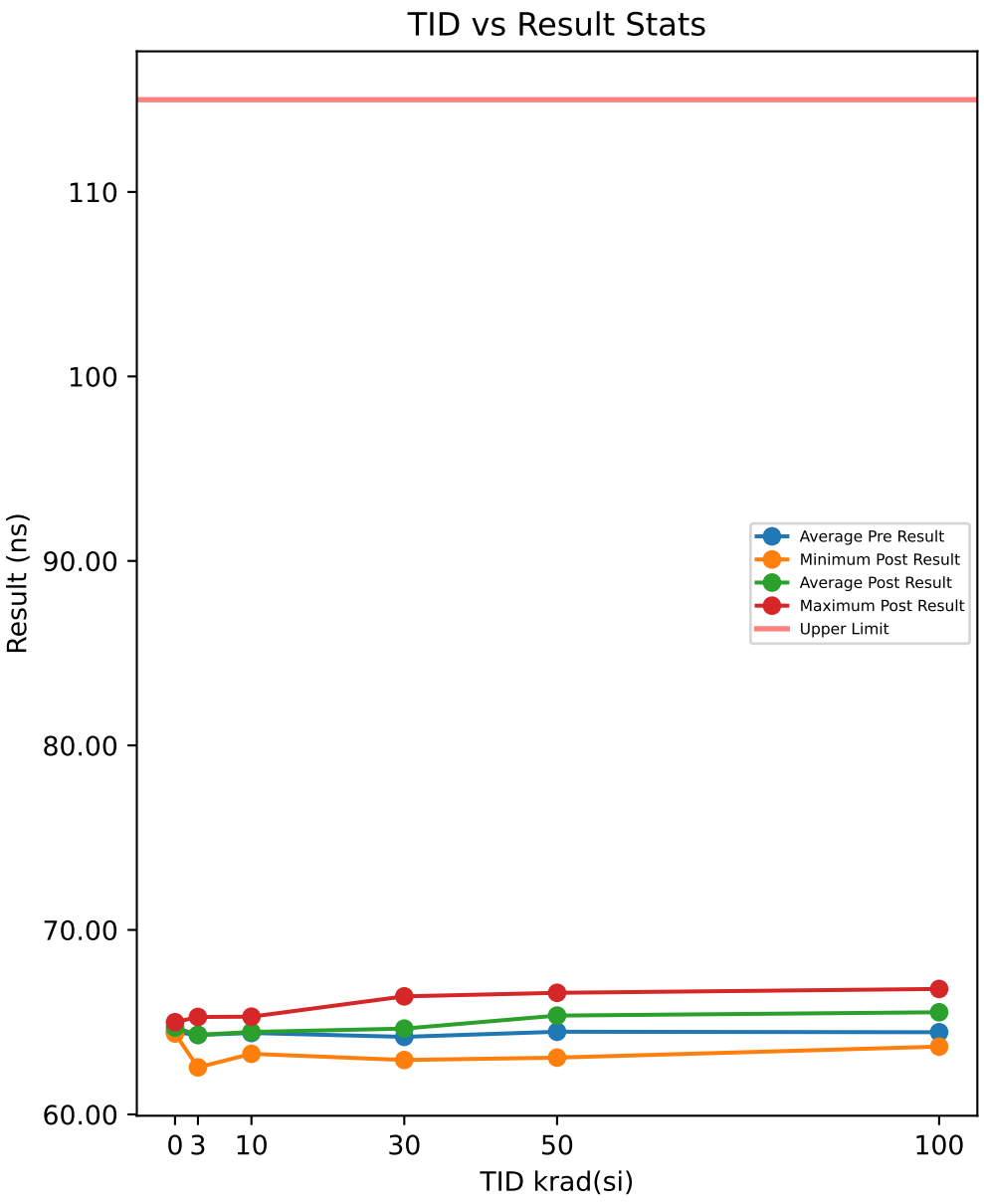
Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

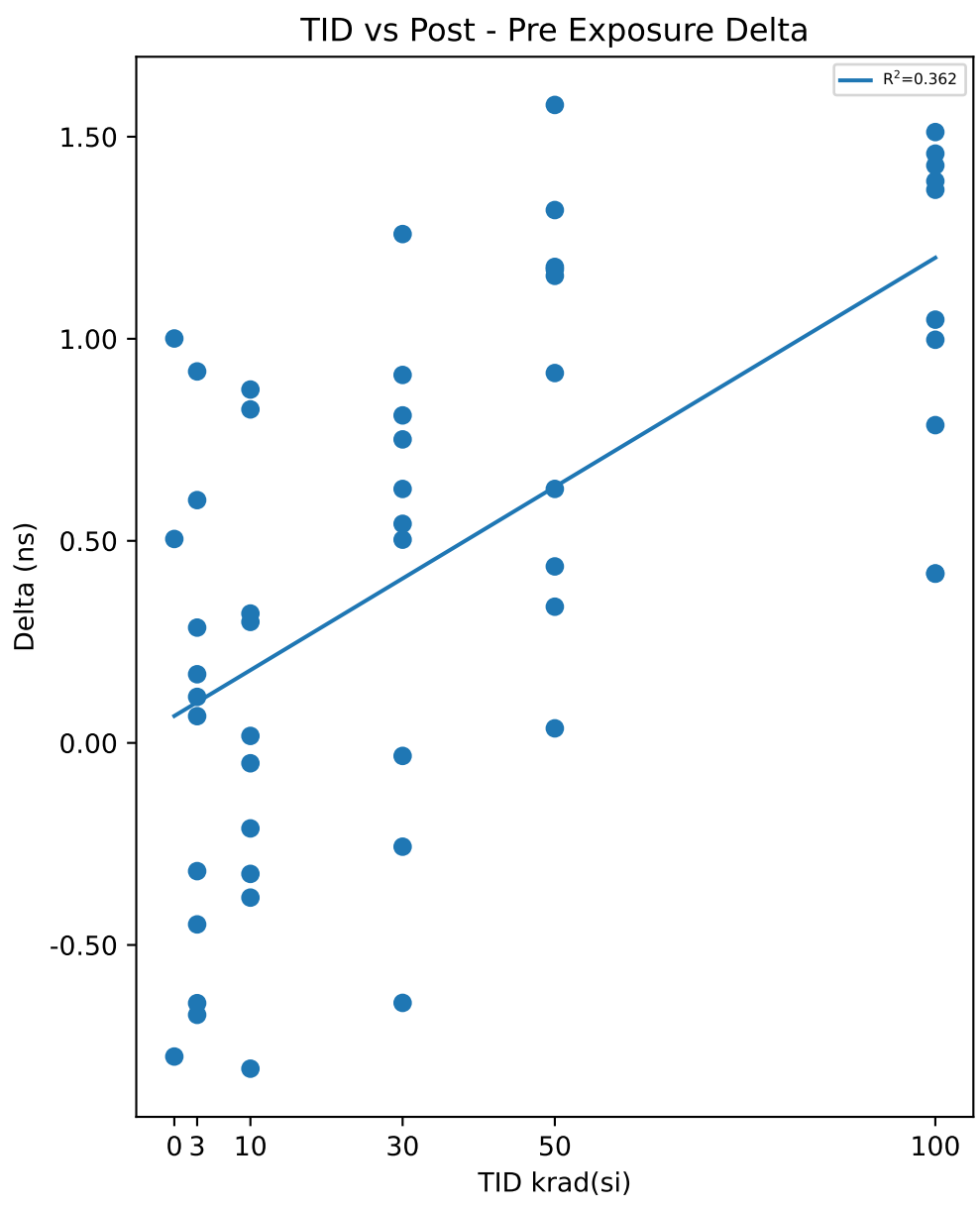
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	2	2.0001	0.0001
2	3	HDR BIAS	2.0001	2.0001	0
3	3	HDR BIAS	2.0001	2.0001	0
4	3	HDR BIAS	1.9998	1.9999	0.0001
5	3	HDR BIAS	1.9999	2.0004	0.0005
6	3	HDR UNBIAS	2.0001	2.0001	0
7	3	HDR UNBIAS	2	2.0001	0.0001
8	3	HDR UNBIAS	2.0001	1.9999	-0.0002
9	3	HDR UNBIAS	2	2.0003	0.0003
10	3	HDR UNBIAS	2.0001	2	-0.0001
11	10	HDR BIAS	2	2.0001	0.0001
12	10	HDR BIAS	2.0002	1.9998	-0.0004
13	10	HDR BIAS	2	2	0
14	10	HDR BIAS	2	2.0001	0.0001
15	10	HDR BIAS	2	2	0
16	10	HDR UNBIAS	1.9999	2	0.0001
17	10	HDR UNBIAS	2	2	0
18	10	HDR UNBIAS	2.0001	2.0001	0
19	10	HDR UNBIAS	2.0001	2	-0.0001
20	10	HDR UNBIAS	2	2.0001	0.0001
31	30	HDR BIAS	2.0001	1.9999	-0.0002
32	30	HDR BIAS	2.0002	2.0001	-0.0001
33	30	HDR BIAS	2	2	0
34	30	HDR BIAS	2.0001	2	-0.0001
35	30	HDR BIAS	2	2	0
36	30	HDR UNBIAS	2.0003	2.0003	0
37	30	HDR UNBIAS	1.9998	2	0.0002
38	30	HDR UNBIAS	1.9999	2.0001	0.0002
39	30	HDR UNBIAS	2.0001	2.0004	0.0003
40	30	HDR UNBIAS	1.9999	2.0001	0.0002
41	50	HDR BIAS	2	2.0002	0.0002
42	50	HDR BIAS	2.0001	1.9999	-0.0002
43	50	HDR BIAS	2.0001	2	-0.0001
44	50	HDR BIAS	2.0001	1.9998	-0.0003
45	50	HDR BIAS	2	1.9999	-0.0001
46	50	HDR UNBIAS	2	2	0
47	50	HDR UNBIAS	2	2	0
48	50	HDR UNBIAS	2.0003	2.0001	-0.0002
49	50	HDR UNBIAS	2	1.9999	-0.0001
50	50	HDR UNBIAS	1.9998	1.9999	0.0001
51	100	HDR BIAS	1.9999	2.0001	0.0002
52	100	HDR BIAS	1.9999	2.0001	0.0002
53	100	HDR BIAS	2.0001	1.9999	-0.0002
54	100	HDR BIAS	1.9999	1.9998	-0.0001
55	100	HDR BIAS	2	2.0001	0.0001
56	100	HDR UNBIAS	1.9999	2.0001	0.0002
57	100	HDR UNBIAS	2.0001	2	-0.0001
58	100	HDR UNBIAS	2.0003	1.9999	-0.0004
59	100	HDR UNBIAS	2.0001	2.0001	0
60	100	HDR UNBIAS	2.0002	2.0001	-0.0001
71	0	CORRELATION	2.0001	1.9999	-0.0002
72	0	CORRELATION	1.9999	1.9999	0
73	0	CORRELATION	1.9999	2.0002	0.0003

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	1.9999	2	2.0001	0.00011547	1.9999	2	2.0002	0.00017321	-0.0002	3.3333e-05	0.0003	0.00025166
3	1.9998	2	2.0001	0.00010328	1.9999	2.0001	2.0004	0.00015635	-0.0002	8e-05	0.0005	0.00019889
10	1.9999	2	2.0002	8.2327e-05	1.9998	2	2.0001	9.1894e-05	-0.0004	-1e-05	0.0001	0.00015239
30	1.9998	2	2.0003	0.00015055	1.9999	2.0001	2.0004	0.00015239	-0.0002	5e-05	0.0003	0.00016499
50	1.9998	2	2.0003	0.00012649	1.9998	2	2.0002	0.00011595	-0.0003	-7e-05	0.0002	0.00014944
100	1.9999	2	2.0003	0.00014298	1.9998	2	2.0001	0.00011353	-0.0004	-2e-05	0.0002	0.00019889

Device Test: 28.40 TIMING|DELAY/CS/14/14/0/1000/5/500kHz//@CS_ILIM_DELAY





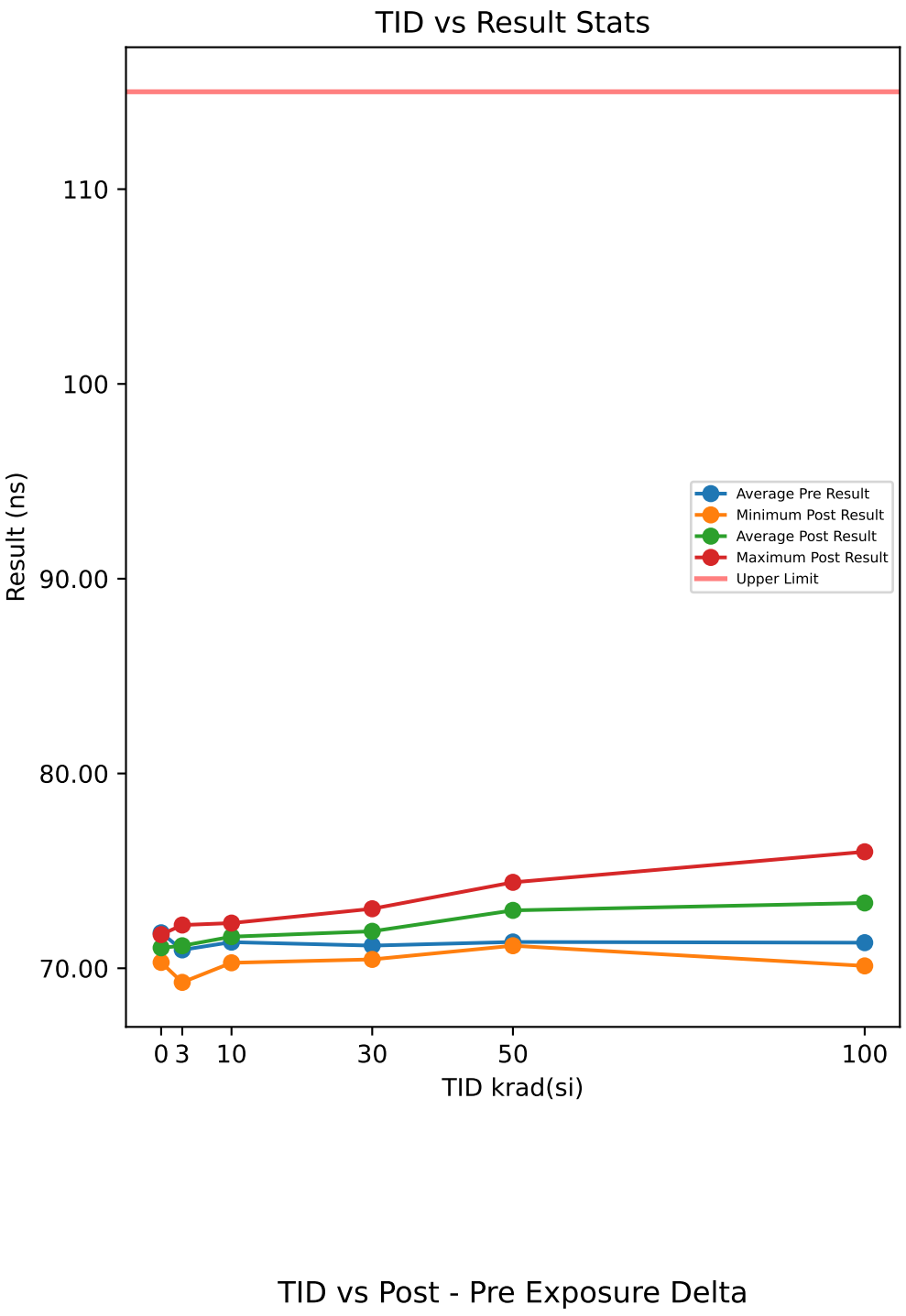
Test Results (Upper Limit = 115.0 (ns))

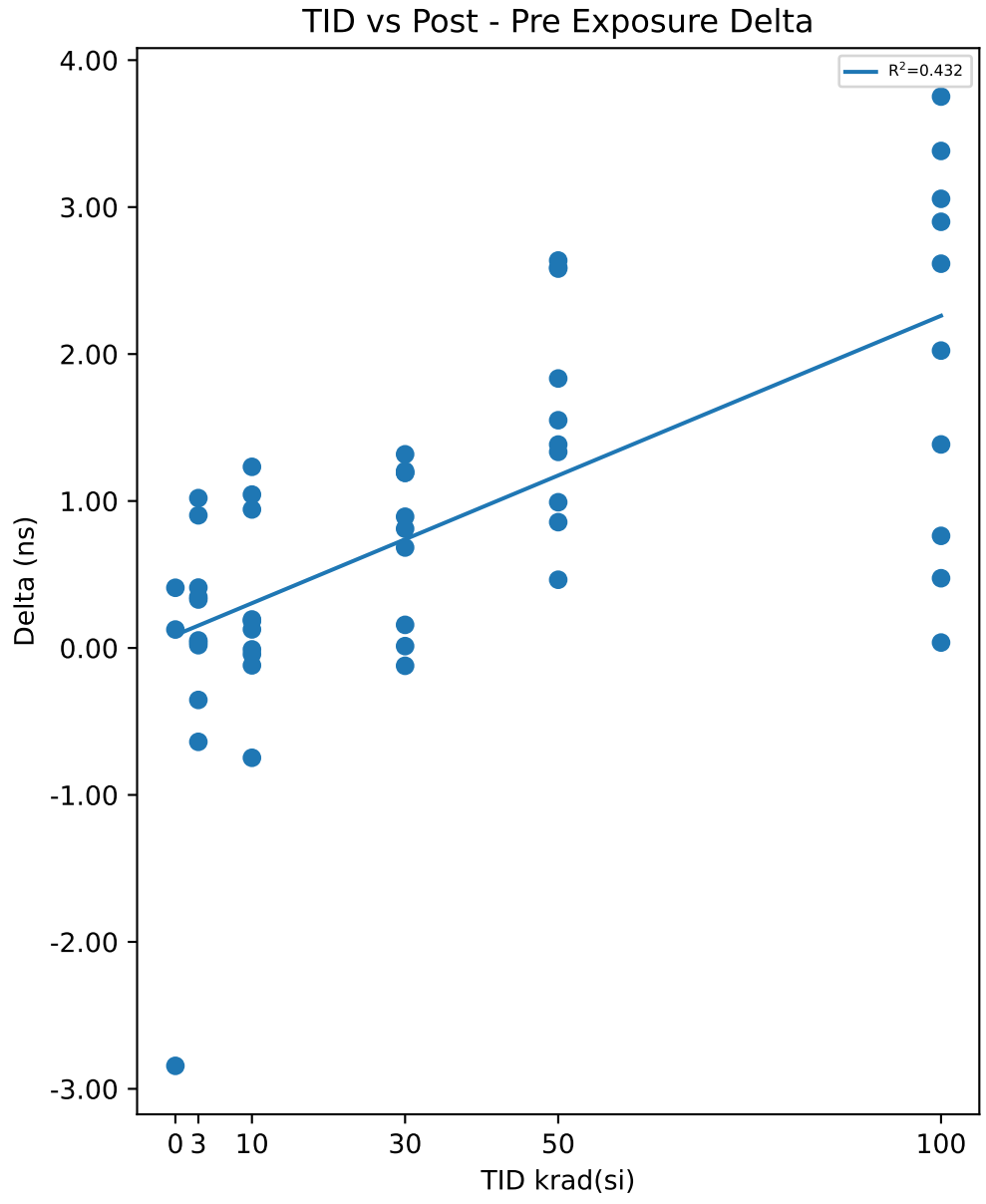
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.856	63.97	0.1139
2	3	HDR BIAS	64.638	65.238	0.6008
3	3	HDR BIAS	63.861	64.031	0.1699
4	3	HDR BIAS	64.79	64.472	-0.3173
5	3	HDR BIAS	64.894	64.221	-0.6729
6	3	HDR UNBIAS	63.194	62.55	-0.644
7	3	HDR UNBIAS	63.706	63.991	0.2853
8	3	HDR UNBIAS	64.171	65.09	0.9192
9	3	HDR UNBIAS	65.215	65.281	0.0662
10	3	HDR UNBIAS	64.733	64.284	-0.4491
11	10	HDR BIAS	64.203	65.028	0.8252
12	10	HDR BIAS	63.43	64.305	0.8744
13	10	HDR BIAS	63.667	63.284	-0.3828
14	10	HDR BIAS	64.786	64.462	-0.3241
15	10	HDR BIAS	64.298	64.247	-0.0504
16	10	HDR UNBIAS	64.096	64.396	0.2994
17	10	HDR UNBIAS	65.849	65.043	-0.8061
18	10	HDR UNBIAS	64.977	65.297	0.3201
19	10	HDR UNBIAS	63.827	63.616	-0.2116
20	10	HDR UNBIAS	64.998	65.015	0.0173
31	30	HDR BIAS	64.601	65.23	0.6284
32	30	HDR BIAS	64.831	65.641	0.8104
33	30	HDR BIAS	62.7	63.45	0.751
34	30	HDR BIAS	63.364	63.907	0.5421
35	30	HDR BIAS	65.488	66.398	0.9105
36	30	HDR UNBIAS	63.592	62.949	-0.6433
37	30	HDR UNBIAS	65.077	65.579	0.5029
38	30	HDR UNBIAS	65.062	64.806	-0.2568
39	30	HDR UNBIAS	63.719	64.978	1.2591
40	30	HDR UNBIAS	63.602	63.57	-0.0322
41	50	HDR BIAS	65.281	65.317	0.036
42	50	HDR BIAS	65.435	66.591	1.1557
43	50	HDR BIAS	61.906	63.078	1.1715
44	50	HDR BIAS	64.787	65.415	0.6285
45	50	HDR BIAS	64.867	66.186	1.3185
46	50	HDR UNBIAS	64.029	64.944	0.9152
47	50	HDR UNBIAS	64.921	66.099	1.1778
48	50	HDR UNBIAS	65.438	65.875	0.4367
49	50	HDR UNBIAS	62.896	64.475	1.5786
50	50	HDR UNBIAS	65.244	65.581	0.337
51	100	HDR BIAS	64.773	66.231	1.4582
52	100	HDR BIAS	63.914	65.283	1.3687
53	100	HDR BIAS	66.304	66.723	0.4187
54	100	HDR BIAS	65.251	66.037	0.7863
55	100	HDR BIAS	64.469	65.516	1.0473
56	100	HDR UNBIAS	66.381	66.8	0.4194
57	100	HDR UNBIAS	63.665	65.094	1.4288
58	100	HDR UNBIAS	62.677	63.675	0.9976
59	100	HDR UNBIAS	63.702	65.092	1.3901
60	100	HDR UNBIAS	63.411	64.922	1.5115
71	0	CORRELATION	65.162	64.385	-0.7761
72	0	CORRELATION	64.223	64.728	0.5046
73	0	CORRELATION	63.998	64.998	1.0007

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.998	64.461	65.162	0.61725	64.385	64.704	64.998	0.30719	-0.7761	0.24307	1.0007	0.91682
3	63.194	64.306	65.215	0.64234	62.55	64.313	65.281	0.80574	-0.6729	0.0072	0.9192	0.52735
10	63.43	64.413	65.849	0.73671	63.284	64.469	65.297	0.65315	-0.8061	0.05614	0.8744	0.53282
30	62.7	64.204	65.488	0.92119	62.949	64.651	66.398	1.1266	-0.6433	0.44721	1.2591	0.58287
50	61.906	64.48	65.438	1.194	63.078	65.356	66.591	1.0125	0.036	0.87555	1.5786	0.49419
100	62.677	64.455	66.381	1.2292	63.675	65.537	66.8	0.94516	0.4187	1.0827	1.5115	0.42139

Device Test: 28.41 TIMING|DELAY/CS/4.5/4.5/0/1000/4.5/1MHz//@CS_ILIM_DELAY





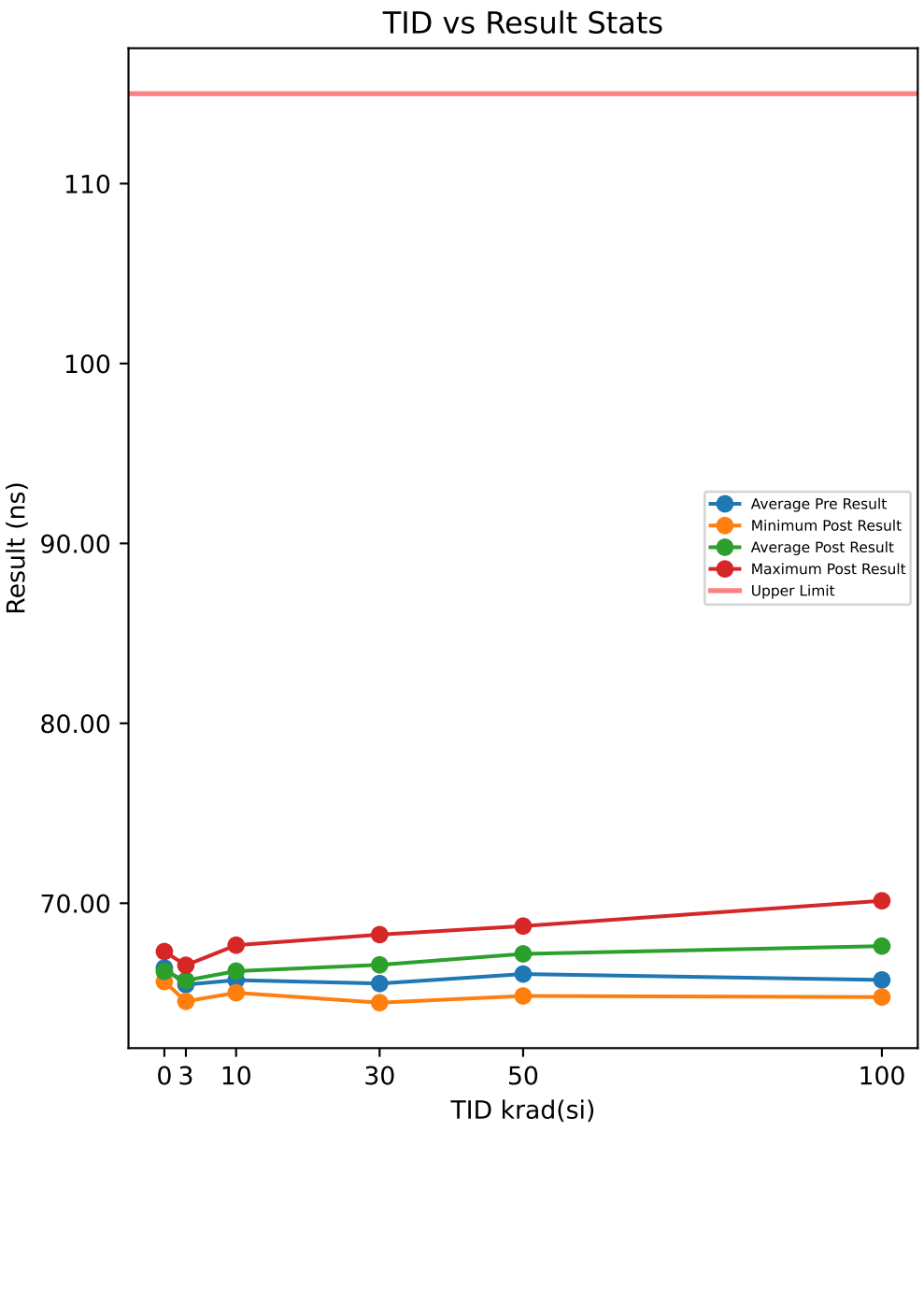
Test Results (Upper Limit = 115.0 (ns))

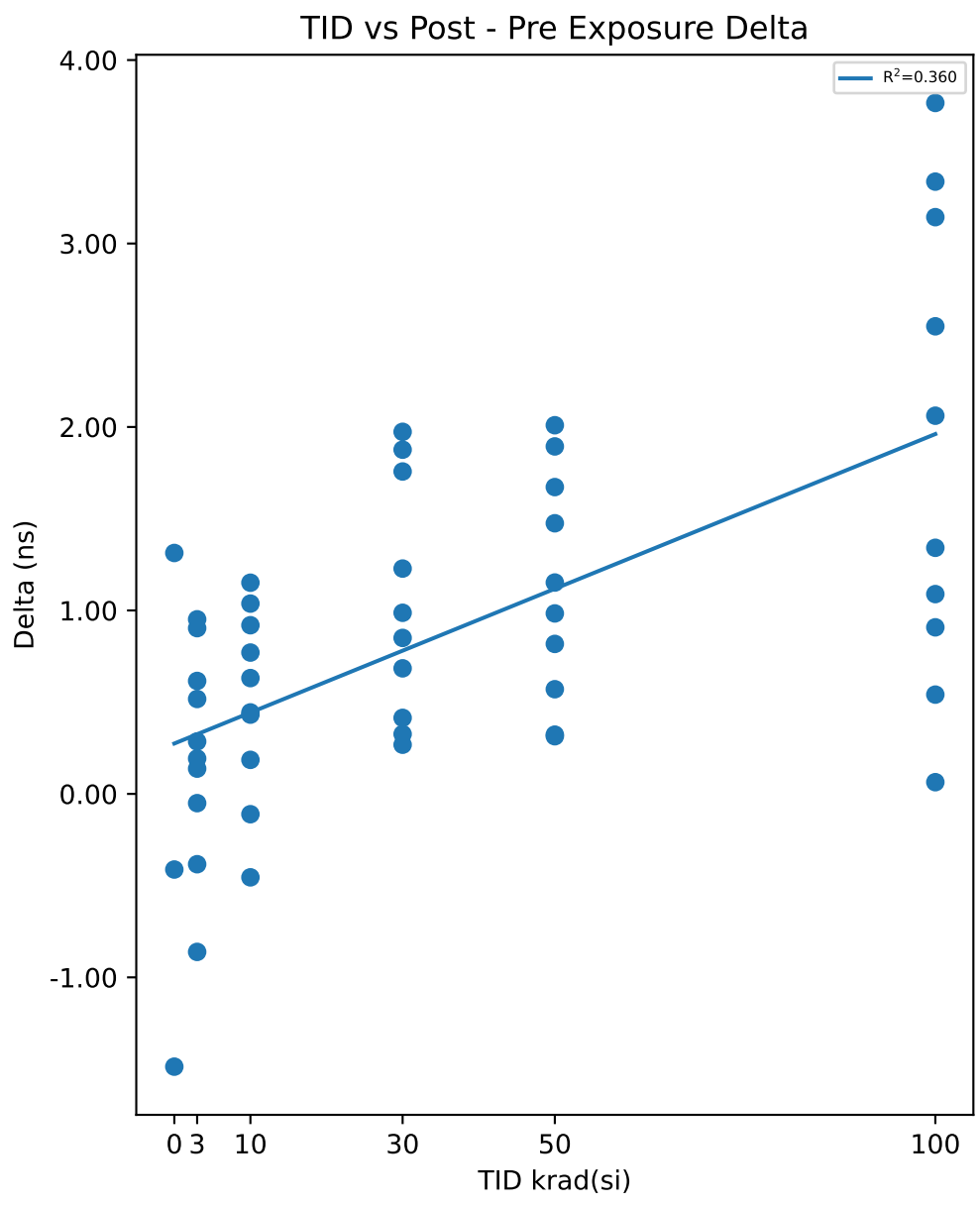
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	70.321	71.223	0.9025
2	3	HDR BIAS	72.168	72.219	0.0513
3	3	HDR BIAS	70.874	71.204	0.3297
4	3	HDR BIAS	70.77	71.181	0.4109
5	3	HDR BIAS	70.999	72.018	1.0198
6	3	HDR UNBIAS	68.928	69.276	0.3475
7	3	HDR UNBIAS	70.615	70.261	-0.3537
8	3	HDR UNBIAS	71.408	71.427	0.0188
9	3	HDR UNBIAS	71.355	71.392	0.0374
10	3	HDR UNBIAS	71.988	71.349	-0.6388
11	10	HDR BIAS	71.377	72.319	0.9424
12	10	HDR BIAS	70.656	71.7	1.0437
13	10	HDR BIAS	70.015	71.248	1.2326
14	10	HDR BIAS	72.101	71.354	-0.7473
15	10	HDR BIAS	70.399	70.281	-0.1184
16	10	HDR UNBIAS	71.699	71.883	0.1838
17	10	HDR UNBIAS	72.207	72.165	-0.0423
18	10	HDR UNBIAS	71.599	71.725	0.1263
19	10	HDR UNBIAS	71.039	71.233	0.1939
20	10	HDR UNBIAS	72.317	72.308	-0.0097
31	30	HDR BIAS	71.57	72.888	1.3178
32	30	HDR BIAS	72.788	72.945	0.1573
33	30	HDR BIAS	70.171	71.362	1.1914
34	30	HDR BIAS	70.322	71.005	0.6834
35	30	HDR BIAS	72.018	72.911	0.8932
36	30	HDR UNBIAS	69.421	70.624	1.2037
37	30	HDR UNBIAS	72.243	73.055	0.8115
38	30	HDR UNBIAS	71.163	72.356	1.1923
39	30	HDR UNBIAS	71.363	71.376	0.0126
40	30	HDR UNBIAS	70.576	70.455	-0.1213
41	50	HDR BIAS	71.882	73.716	1.8337
42	50	HDR BIAS	72.007	73.556	1.5496
43	50	HDR BIAS	68.575	71.157	2.5814
44	50	HDR BIAS	71.612	74.202	2.59
45	50	HDR BIAS	71.775	74.412	2.6365
46	50	HDR UNBIAS	70.89	71.746	0.8561
47	50	HDR UNBIAS	72.559	73.023	0.4642
48	50	HDR UNBIAS	71.933	73.267	1.3342
49	50	HDR UNBIAS	70.636	72.02	1.3842
50	50	HDR UNBIAS	71.624	72.615	0.9915
51	100	HDR BIAS	70.739	74.491	3.752
52	100	HDR BIAS	71.028	73.642	2.6148
53	100	HDR BIAS	72.598	75.98	3.382
54	100	HDR BIAS	72.212	75.112	2.9
55	100	HDR BIAS	70.942	73.998	3.0563
56	100	HDR UNBIAS	73.194	73.23	0.0369
57	100	HDR UNBIAS	71.069	71.831	0.7628
58	100	HDR UNBIAS	69.647	70.121	0.4745
59	100	HDR UNBIAS	70.602	72.625	2.0236
60	100	HDR UNBIAS	71.105	72.49	1.385
71	0	CORRELATION	73.144	70.3	-2.8436
72	0	CORRELATION	71.318	71.728	0.4096
73	0	CORRELATION	71	71.125	0.1254

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	71	71.82	73.144	1.1572	70.3	71.051	71.728	0.71642	-2.8436	-0.76953	0.4096	1.8018
3	68.928	70.942	72.168	0.91718	69.276	71.155	72.219	0.84226	-0.6388	0.21254	1.0198	0.50975
10	70.015	71.341	72.317	0.79471	70.281	71.622	72.319	0.6235	-0.7473	0.2805	1.2326	0.61207
30	69.421	71.163	72.788	1.0443	70.455	71.898	73.055	1.0388	-0.1213	0.73419	1.3178	0.5374
50	68.575	71.349	72.559	1.1185	71.157	72.971	74.412	1.0749	0.4642	1.6221	2.6365	0.77465
100	69.647	71.313	73.194	1.0504	70.121	73.352	75.98	1.6944	0.0369	2.0388	3.752	1.3063

Device Test: 28.42 TIMING|DELAY/CS/5/5/0/1000/5/1MHz//@CS_ILIM_DELAY





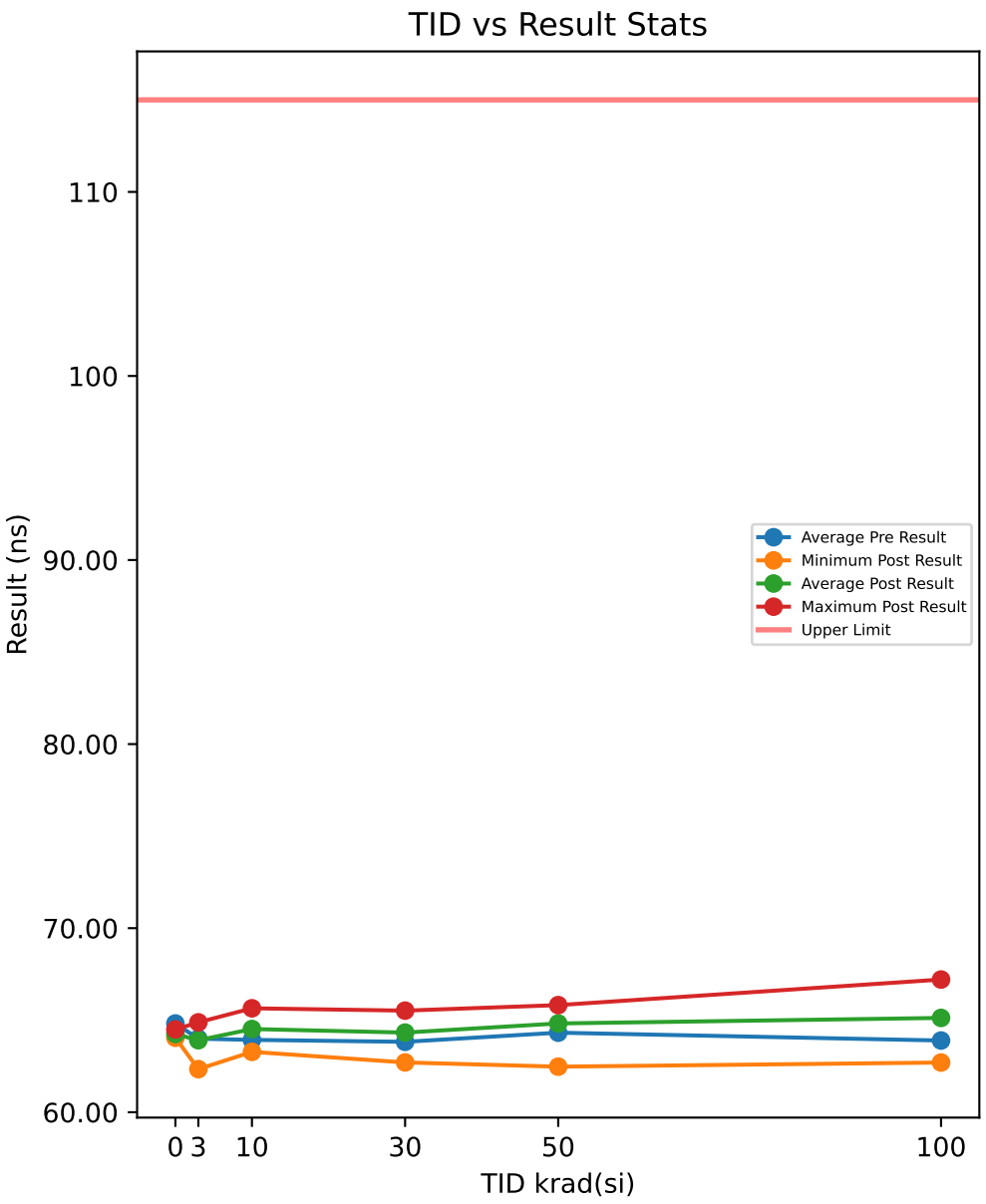
Test Results (Upper Limit = 115.0 (ns))

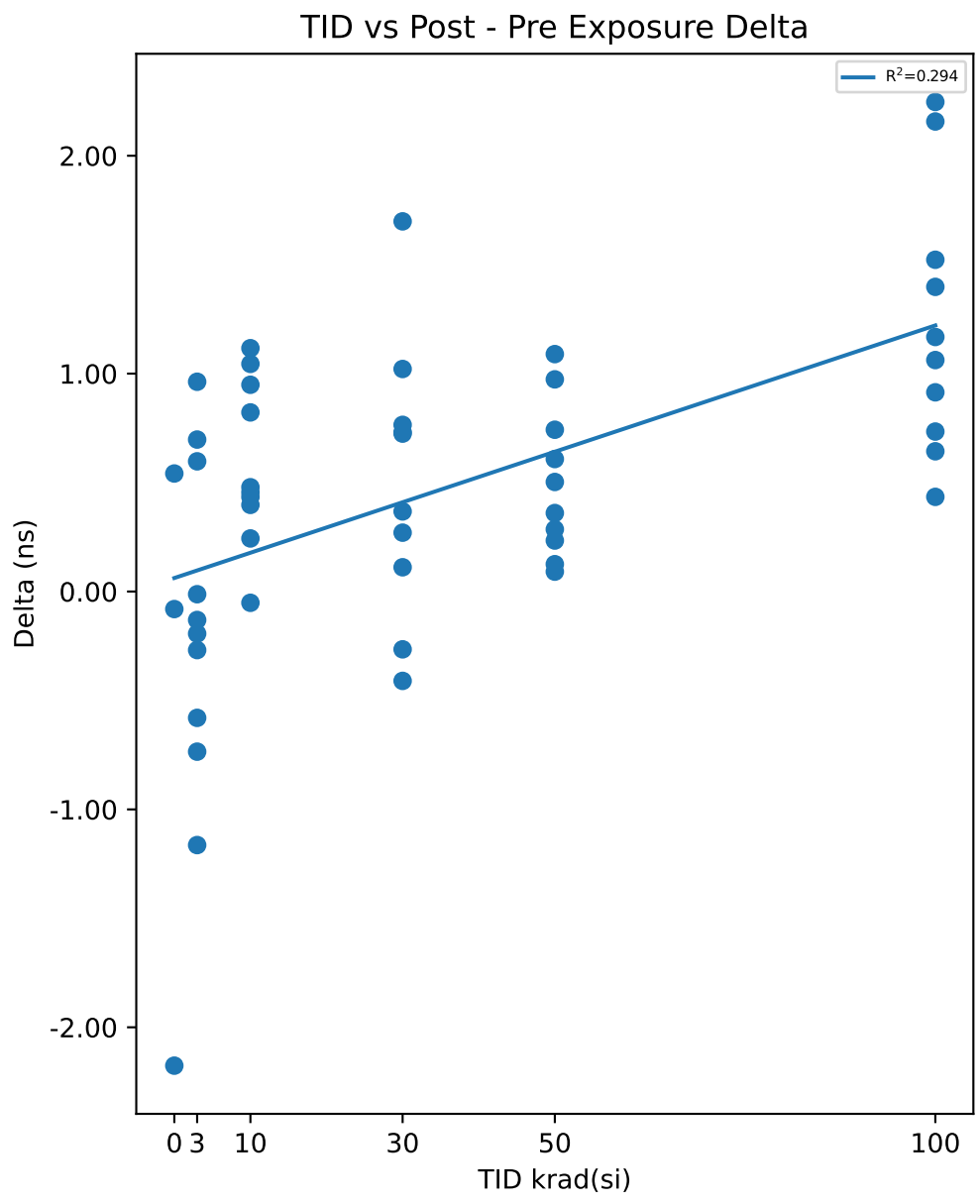
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	65.264	65.55	0.2858
2	3	HDR BIAS	66.807	65.946	-0.8612
3	3	HDR BIAS	64.829	65.021	0.1928
4	3	HDR BIAS	65.949	66.087	0.1378
5	3	HDR BIAS	65.601	66.552	0.9516
6	3	HDR UNBIAS	63.771	64.674	0.9035
7	3	HDR UNBIAS	64.599	64.548	-0.0504
8	3	HDR UNBIAS	66.754	66.371	-0.3833
9	3	HDR UNBIAS	65.874	66.489	0.6157
10	3	HDR UNBIAS	65.329	65.846	0.5174
11	10	HDR BIAS	66.472	66.657	0.1856
12	10	HDR BIAS	65.161	66.198	1.0373
13	10	HDR BIAS	64.581	65.025	0.4442
14	10	HDR BIAS	65.752	66.184	0.4321
15	10	HDR BIAS	65.135	65.024	-0.1107
16	10	HDR UNBIAS	65.684	66.316	0.6313
17	10	HDR UNBIAS	67.191	66.737	-0.4548
18	10	HDR UNBIAS	66.09	66.86	0.7704
19	10	HDR UNBIAS	64.673	65.592	0.9194
20	10	HDR UNBIAS	66.517	67.669	1.1511
31	30	HDR BIAS	66.499	67.183	0.6844
32	30	HDR BIAS	66.229	68.105	1.8762
33	30	HDR BIAS	64.149	65.907	1.7573
34	30	HDR BIAS	64.261	66.234	1.9736
35	30	HDR BIAS	67.027	68.255	1.2282
36	30	HDR UNBIAS	64.058	64.473	0.4145
37	30	HDR UNBIAS	65.8	66.787	0.9872
38	30	HDR UNBIAS	66.607	66.875	0.2681
39	30	HDR UNBIAS	65.617	66.467	0.8502
40	30	HDR UNBIAS	65.136	65.462	0.3261
41	50	HDR BIAS	66.373	67.356	0.9837
42	50	HDR BIAS	66.143	67.815	1.6724
43	50	HDR BIAS	64.027	64.845	0.8175
44	50	HDR BIAS	66.35	68.243	1.894
45	50	HDR BIAS	66.721	68.731	2.0095
46	50	HDR UNBIAS	66.064	66.387	0.323
47	50	HDR UNBIAS	66.886	67.457	0.5706
48	50	HDR UNBIAS	67.01	67.324	0.3143
49	50	HDR UNBIAS	65.406	66.558	1.1521
50	50	HDR UNBIAS	65.656	67.131	1.4751
51	100	HDR BIAS	65.308	69.075	3.7661
52	100	HDR BIAS	65.262	68.406	3.1437
53	100	HDR BIAS	67.588	70.137	2.5487
54	100	HDR BIAS	66.503	68.564	2.0614
55	100	HDR BIAS	65.41	68.747	3.3373
56	100	HDR UNBIAS	66.657	67.565	0.9079
57	100	HDR UNBIAS	66.07	66.134	0.0639
58	100	HDR UNBIAS	63.443	64.784	1.3414
59	100	HDR UNBIAS	65.935	66.477	0.5412
60	100	HDR UNBIAS	65.193	66.282	1.0891
71	0	CORRELATION	67.131	65.644	-1.4867
72	0	CORRELATION	66.001	67.315	1.3132
73	0	CORRELATION	66.073	65.66	-0.4122

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	66.001	66.402	67.131	0.63268	65.644	66.206	67.315	0.95979	-1.4867	-0.19523	1.3132	1.4125
3	63.771	65.478	66.807	0.94081	64.548	65.708	66.552	0.73724	-0.8612	0.23097	0.9516	0.56413
10	64.581	65.726	67.191	0.85334	65.024	66.226	67.669	0.83194	-0.4548	0.50059	1.1511	0.51316
30	64.058	65.538	67.027	1.0926	64.473	66.575	68.255	1.1499	0.2681	1.0366	1.9736	0.6483
50	64.027	66.064	67.01	0.87767	64.845	67.185	68.731	1.082	0.3143	1.1212	2.0095	0.62528
100	63.443	65.737	67.588	1.1099	64.784	67.617	70.137	1.6526	0.0639	1.8801	3.7661	1.2784

Device Test: 28.43 TIMING|DELAY/CS/12/12/0/1000/5/1MHz//@CS_ILIM_DELAY





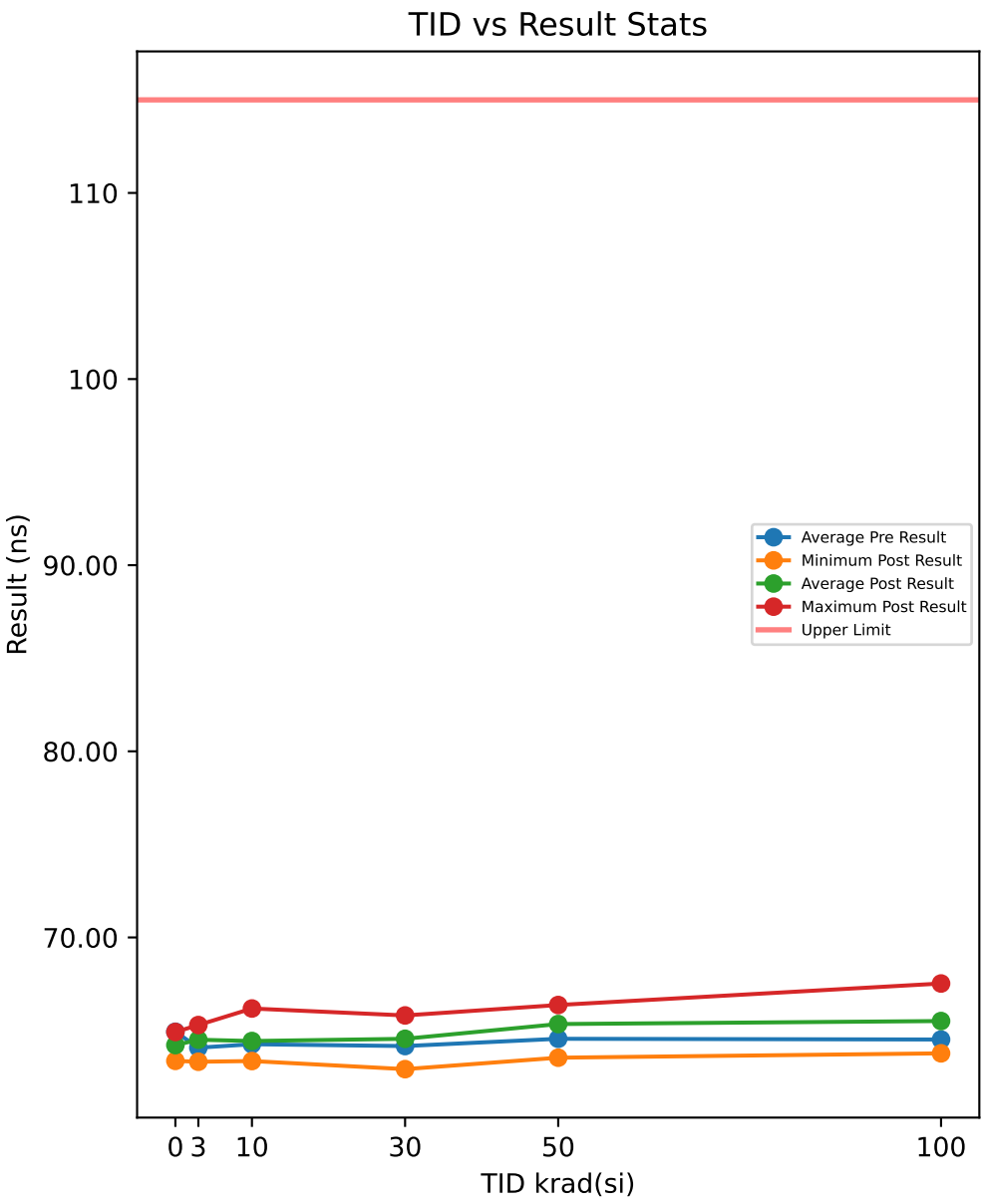
Test Results (Upper Limit = 115.0 (ns))

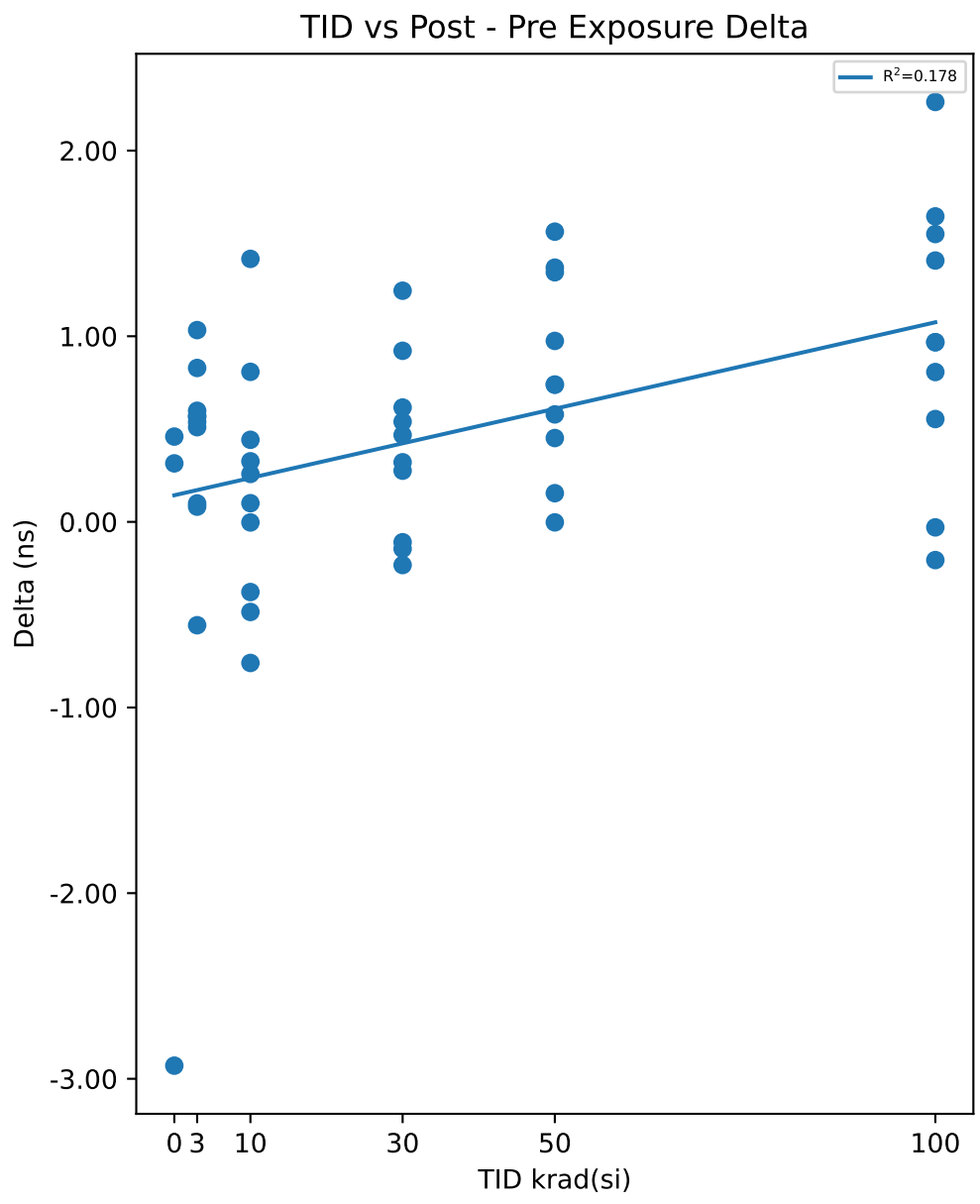
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.214	63.021	-0.1933
2	3	HDR BIAS	65.454	64.29	-1.1637
3	3	HDR BIAS	63.795	63.216	-0.5799
4	3	HDR BIAS	64.033	64.731	0.6974
5	3	HDR BIAS	64.851	64.116	-0.735
6	3	HDR UNBIAS	62.353	62.341	-0.0124
7	3	HDR UNBIAS	63.481	63.213	-0.2688
8	3	HDR UNBIAS	64.037	64.635	0.5975
9	3	HDR UNBIAS	65.014	64.883	-0.1306
10	3	HDR UNBIAS	63.703	64.666	0.9627
11	10	HDR BIAS	64.356	64.811	0.4552
12	10	HDR BIAS	63.137	64.181	1.0447
13	10	HDR BIAS	62.905	63.727	0.822
14	10	HDR BIAS	64.693	65.091	0.3976
15	10	HDR BIAS	63.426	63.86	0.434
16	10	HDR UNBIAS	63.98	64.224	0.2436
17	10	HDR UNBIAS	64.512	65.461	0.9489
18	10	HDR UNBIAS	63.804	64.92	1.1167
19	10	HDR UNBIAS	63.331	63.279	-0.0518
20	10	HDR UNBIAS	65.168	65.647	0.4786
31	30	HDR BIAS	64.216	64.98	0.7649
32	30	HDR BIAS	64.651	65.019	0.3676
33	30	HDR BIAS	62.42	63.151	0.7314
34	30	HDR BIAS	62.46	64.159	1.6988
35	30	HDR BIAS	65.785	65.52	-0.2654
36	30	HDR UNBIAS	63.115	62.705	-0.4102
37	30	HDR UNBIAS	64.294	65.315	1.0213
38	30	HDR UNBIAS	64.302	64.414	0.1113
39	30	HDR UNBIAS	63.681	63.951	0.2701
40	30	HDR UNBIAS	63.328	64.052	0.7247
41	50	HDR BIAS	64.434	65.042	0.608
42	50	HDR BIAS	65.093	65.327	0.234
43	50	HDR BIAS	61.732	62.475	0.7425
44	50	HDR BIAS	65.113	65.473	0.3602
45	50	HDR BIAS	64.192	65.281	1.0896
46	50	HDR UNBIAS	64.297	64.582	0.2854
47	50	HDR UNBIAS	65.316	65.819	0.5028
48	50	HDR UNBIAS	65.479	65.605	0.1254
49	50	HDR UNBIAS	63.137	64.111	0.9737
50	50	HDR UNBIAS	64.425	64.516	0.0912
51	100	HDR BIAS	63.583	65.83	2.2468
52	100	HDR BIAS	63.907	64.341	0.4344
53	100	HDR BIAS	66.04	67.209	1.1682
54	100	HDR BIAS	64.043	65.566	1.5226
55	100	HDR BIAS	63.59	65.747	2.1572
56	100	HDR UNBIAS	65.639	66.283	0.6436
57	100	HDR UNBIAS	63.66	64.722	1.0623
58	100	HDR UNBIAS	61.786	62.7	0.9142
59	100	HDR UNBIAS	63.551	64.285	0.7341
60	100	HDR UNBIAS	63.16	64.558	1.3982
71	0	CORRELATION	66.221	64.045	-2.1761
72	0	CORRELATION	63.955	64.496	0.5416
73	0	CORRELATION	64.288	64.208	-0.0806

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.955	64.821	66.221	1.2236	64.045	64.25	64.496	0.22867	-2.1761	-0.5717	0.5416	1.4239
3	62.353	63.994	65.454	0.91874	62.341	63.911	64.883	0.8898	-1.1637	-0.08261	0.9627	0.6716
10	62.905	63.931	65.168	0.74129	63.279	64.52	65.647	0.78395	-0.0518	0.58895	1.1167	0.37869
30	62.42	63.825	65.785	1.04	62.705	64.327	65.52	0.91726	-0.4102	0.50145	1.6988	0.62529
50	61.732	64.322	65.479	1.1401	62.475	64.823	65.819	0.98382	0.0912	0.50128	1.0896	0.34742
100	61.786	63.896	66.04	1.2028	62.7	65.124	67.209	1.2669	0.4344	1.2282	2.2468	0.61118

Device Test: 28.44 TIMING|DELAY/CS/14/14/0/1000/5/1MHz//@CS_ILIM_DELAY





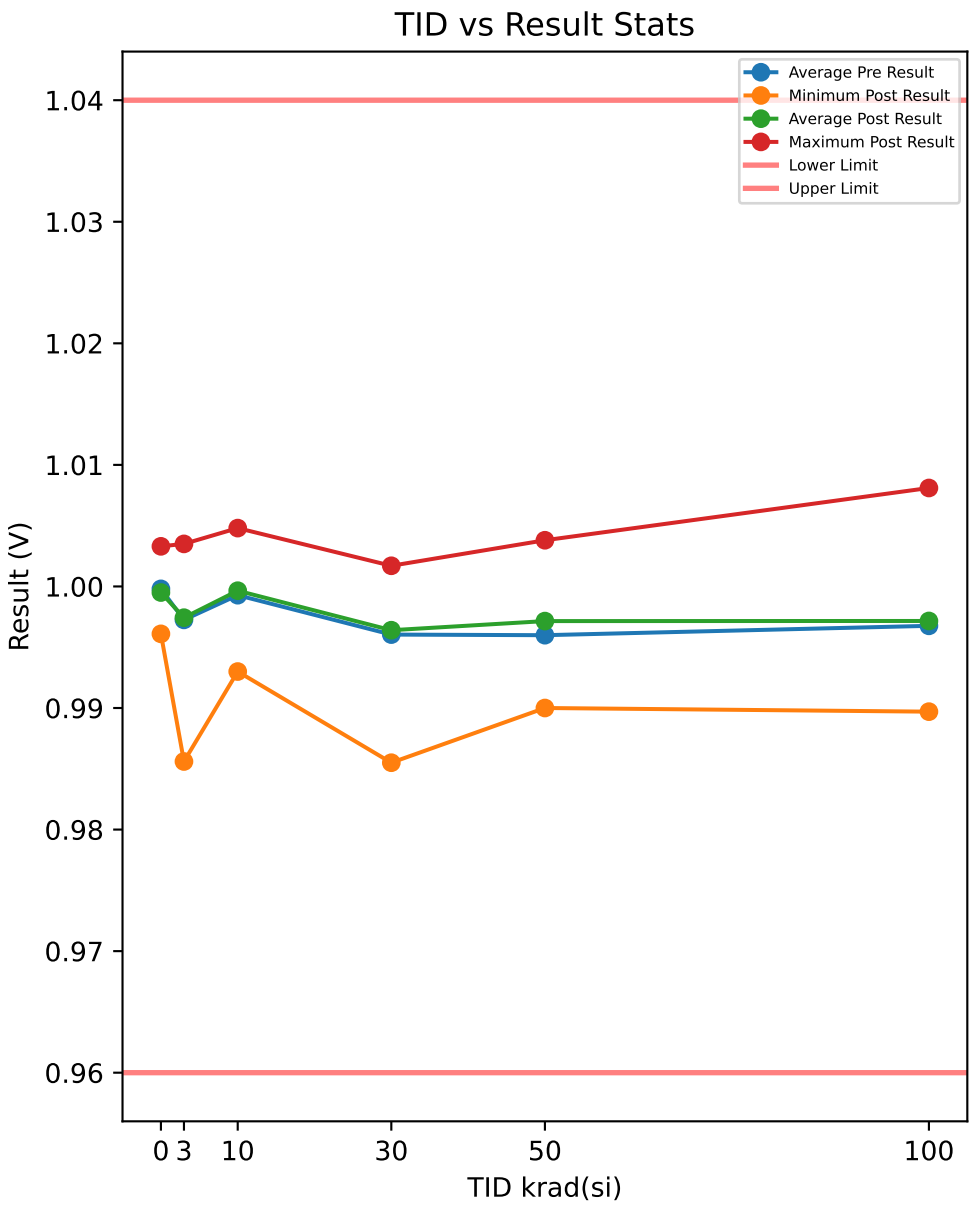
Test Results (Upper Limit = 115.0 (ns))

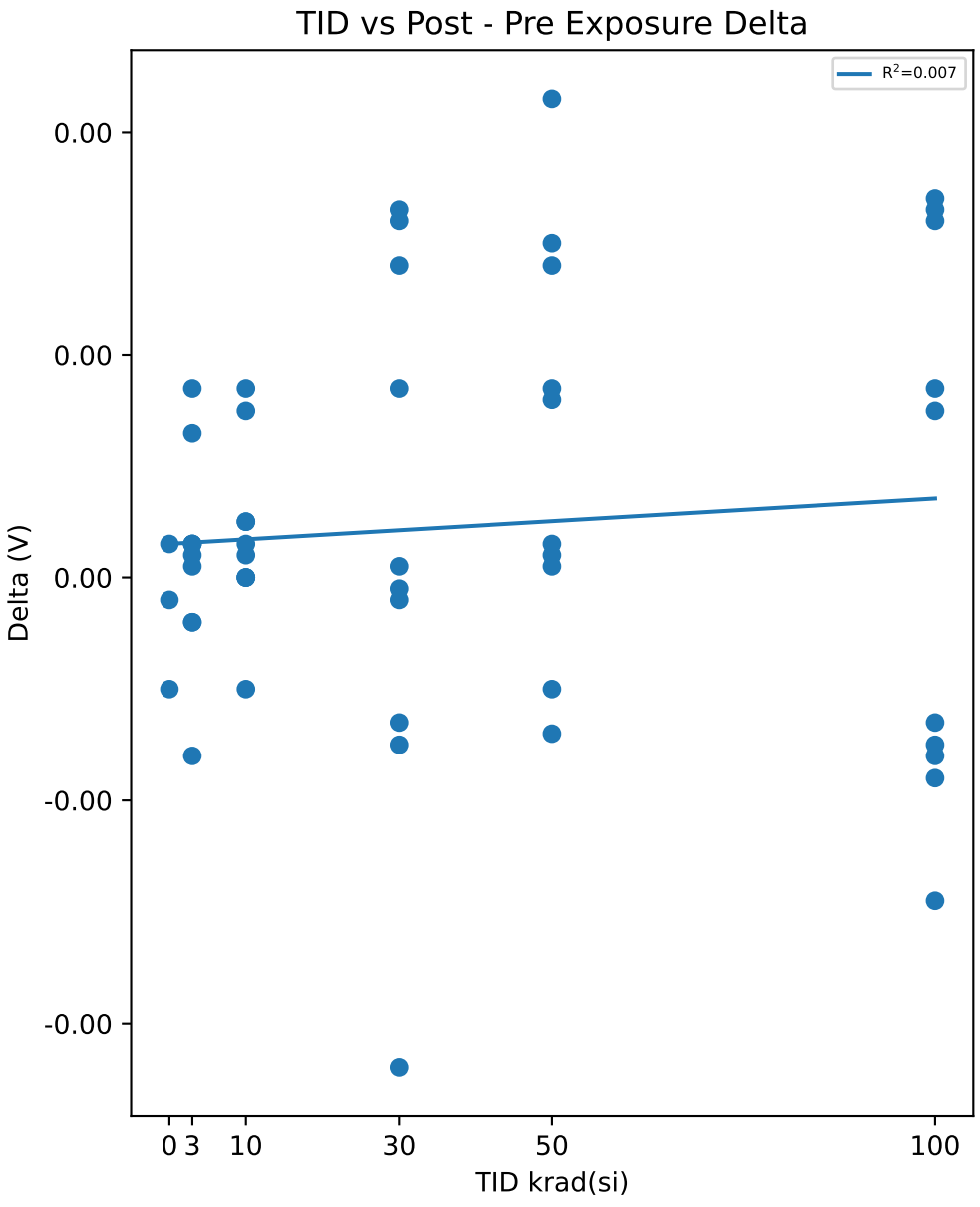
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	63.968	64.068	0.0994
2	3	HDR BIAS	64.538	65.137	0.5985
3	3	HDR BIAS	63.462	63.972	0.5101
4	3	HDR BIAS	64.755	65.293	0.5383
5	3	HDR BIAS	64.212	65.041	0.8291
6	3	HDR UNBIAS	62.501	63.534	1.0331
7	3	HDR UNBIAS	63.878	63.321	-0.5568
8	3	HDR UNBIAS	64.203	64.771	0.5682
9	3	HDR UNBIAS	64.633	64.715	0.0819
10	3	HDR UNBIAS	64.624	65.193	0.5691
11	10	HDR BIAS	64.952	65.052	0.1006
12	10	HDR BIAS	63.465	64.274	0.8082
13	10	HDR BIAS	63.738	63.36	-0.378
14	10	HDR BIAS	65.098	64.338	-0.76
15	10	HDR BIAS	63.243	63.569	0.3263
16	10	HDR UNBIAS	63.997	64.439	0.4422
17	10	HDR UNBIAS	64.765	66.182	1.4168
18	10	HDR UNBIAS	64.164	64.423	0.2583
19	10	HDR UNBIAS	64.23	63.745	-0.4853
20	10	HDR UNBIAS	64.972	64.969	-0.0031
31	30	HDR BIAS	65.44	65.33	-0.1097
32	30	HDR BIAS	65.635	65.49	-0.1448
33	30	HDR BIAS	62.783	64.028	1.2452
34	30	HDR BIAS	62.964	63.886	0.9216
35	30	HDR BIAS	65.27	65.809	0.5395
36	30	HDR UNBIAS	62.603	62.924	0.3211
37	30	HDR UNBIAS	64.915	65.191	0.2757
38	30	HDR UNBIAS	64.974	64.742	-0.2325
39	30	HDR UNBIAS	63.992	64.46	0.4679
40	30	HDR UNBIAS	63.069	63.685	0.616
41	50	HDR BIAS	64.371	65.715	1.3446
42	50	HDR BIAS	65.328	65.906	0.5789
43	50	HDR BIAS	61.975	63.539	1.5634
44	50	HDR BIAS	65.398	65.395	-0.0027
45	50	HDR BIAS	65.395	66.37	0.9748
46	50	HDR UNBIAS	64.115	64.855	0.7391
47	50	HDR UNBIAS	65.483	65.935	0.4516
48	50	HDR UNBIAS	65.593	65.748	0.1545
49	50	HDR UNBIAS	63.194	64.564	1.3695
50	50	HDR UNBIAS	64.698	65.438	0.7396
51	100	HDR BIAS	64.167	66.429	2.262
52	100	HDR BIAS	64.061	65.469	1.4079
53	100	HDR BIAS	66.557	67.525	0.9682
54	100	HDR BIAS	65.097	66.065	0.9676
55	100	HDR BIAS	63.816	65.367	1.5506
56	100	HDR UNBIAS	65.869	66.676	0.8072
57	100	HDR UNBIAS	64.456	64.427	-0.0296
58	100	HDR UNBIAS	62.127	63.773	1.6456
59	100	HDR UNBIAS	64.623	65.177	0.5539
60	100	HDR UNBIAS	64.385	64.18	-0.2058
71	0	CORRELATION	66.298	63.368	-2.9293
72	0	CORRELATION	63.895	64.355	0.4595
73	0	CORRELATION	64.605	64.92	0.3151

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.895	64.933	66.298	1.2343	63.368	64.214	64.92	0.78539	-2.9293	-0.71823	0.4595	1.9162
3	62.501	64.077	64.755	0.6853	63.321	64.504	65.293	0.72373	-0.5568	0.42709	1.0331	0.44872
10	63.243	64.262	65.098	0.66328	63.36	64.435	66.182	0.82569	-0.76	0.1726	1.4168	0.64096
30	62.603	64.165	65.635	1.2132	62.924	64.555	65.809	0.92128	-0.2325	0.39	1.2452	0.47545
50	61.975	64.555	65.593	1.1881	63.539	65.346	66.37	0.82568	-0.0027	0.79133	1.5634	0.5241
100	62.127	64.516	66.557	1.1968	63.773	65.509	67.525	1.1864	-0.2058	0.99276	2.262	0.76236

Device Test: 28.9 VOLTAGE|OC/CS/4.5/4.5/0/0/4.5/100kHz//@V_CS_ILIM_OC





Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	HDR BIAS	0.9973	0.9957	-0.0016
2	3	HDR BIAS	1.0018	1.0021	0.0003
3	3	HDR BIAS	1.0033	1.0035	0.0002
4	3	HDR BIAS	0.9947	0.9943	-0.0004
5	3	HDR BIAS	0.9929	0.993	0.0001
6	3	HDR UNBIAS	0.9853	0.9856	0.0003
7	3	HDR UNBIAS	1.0006	1.0002	-0.0004
8	3	HDR UNBIAS	0.9973	0.999	0.0017
9	3	HDR UNBIAS	1.0003	1.0006	0.0003
10	3	HDR UNBIAS	0.999	1.0003	0.0013
11	10	HDR BIAS	0.9974	0.9991	0.0017
12	10	HDR BIAS	0.9955	0.996	0.0005
13	10	HDR BIAS	1.0018	1.0018	0
14	10	HDR BIAS	1.0018	1.0008	-0.001
15	10	HDR BIAS	0.993	0.993	0
16	10	HDR UNBIAS	1.0033	1.0048	0.0015
17	10	HDR UNBIAS	1.0031	1.0036	0.0005
18	10	HDR UNBIAS	0.9959	0.9961	0.0002
19	10	HDR UNBIAS	0.9989	0.9992	0.0003
20	10	HDR UNBIAS	1.0021	1.0021	0
31	30	HDR BIAS	1.0018	1.0003	-0.0015
32	30	HDR BIAS	0.9959	0.996	0.0001
33	30	HDR BIAS	0.9943	0.996	0.0017
34	30	HDR BIAS	0.9989	1.0017	0.0028
35	30	HDR BIAS	0.9913	0.9946	0.0033
36	30	HDR UNBIAS	0.9856	0.9855	-0.0001
37	30	HDR UNBIAS	0.9974	0.9972	-0.0002
38	30	HDR UNBIAS	0.9974	1.0006	0.0032
39	30	HDR UNBIAS	1.0019	0.9975	-0.0044
40	30	HDR UNBIAS	0.9959	0.9946	-0.0013
41	50	HDR BIAS	0.9914	0.99	-0.0014
42	50	HDR BIAS	0.9898	0.99	0.0002
43	50	HDR BIAS	0.9942	0.9958	0.0016
44	50	HDR BIAS	0.9989	1.0006	0.0017
45	50	HDR BIAS	0.9973	1.0003	0.003
46	50	HDR UNBIAS	0.9885	0.9928	0.0043
47	50	HDR UNBIAS	1.0004	1.0005	0.0001
48	50	HDR UNBIAS	0.9957	0.996	0.0003
49	50	HDR UNBIAS	0.9989	1.0017	0.0028
50	50	HDR UNBIAS	1.0048	1.0038	-0.001
51	100	HDR BIAS	1.0002	1.0035	0.0033
52	100	HDR BIAS	0.9958	0.999	0.0032
53	100	HDR BIAS	0.999	1.0005	0.0015
54	100	HDR BIAS	1.0047	1.0081	0.0034
55	100	HDR BIAS	0.9915	0.9897	-0.0018
56	100	HDR UNBIAS	0.993	0.9915	-0.0015
57	100	HDR UNBIAS	0.9988	0.9975	-0.0013
58	100	HDR UNBIAS	0.9929	0.9913	-0.0016
59	100	HDR UNBIAS	0.9973	0.999	0.0017
60	100	HDR UNBIAS	0.9944	0.9915	-0.0029
71	0	CORRELATION	1.0035	1.0033	-0.0002
72	0	CORRELATION	0.9958	0.9961	0.0003
73	0	CORRELATION	1.0001	0.9991	-0.001

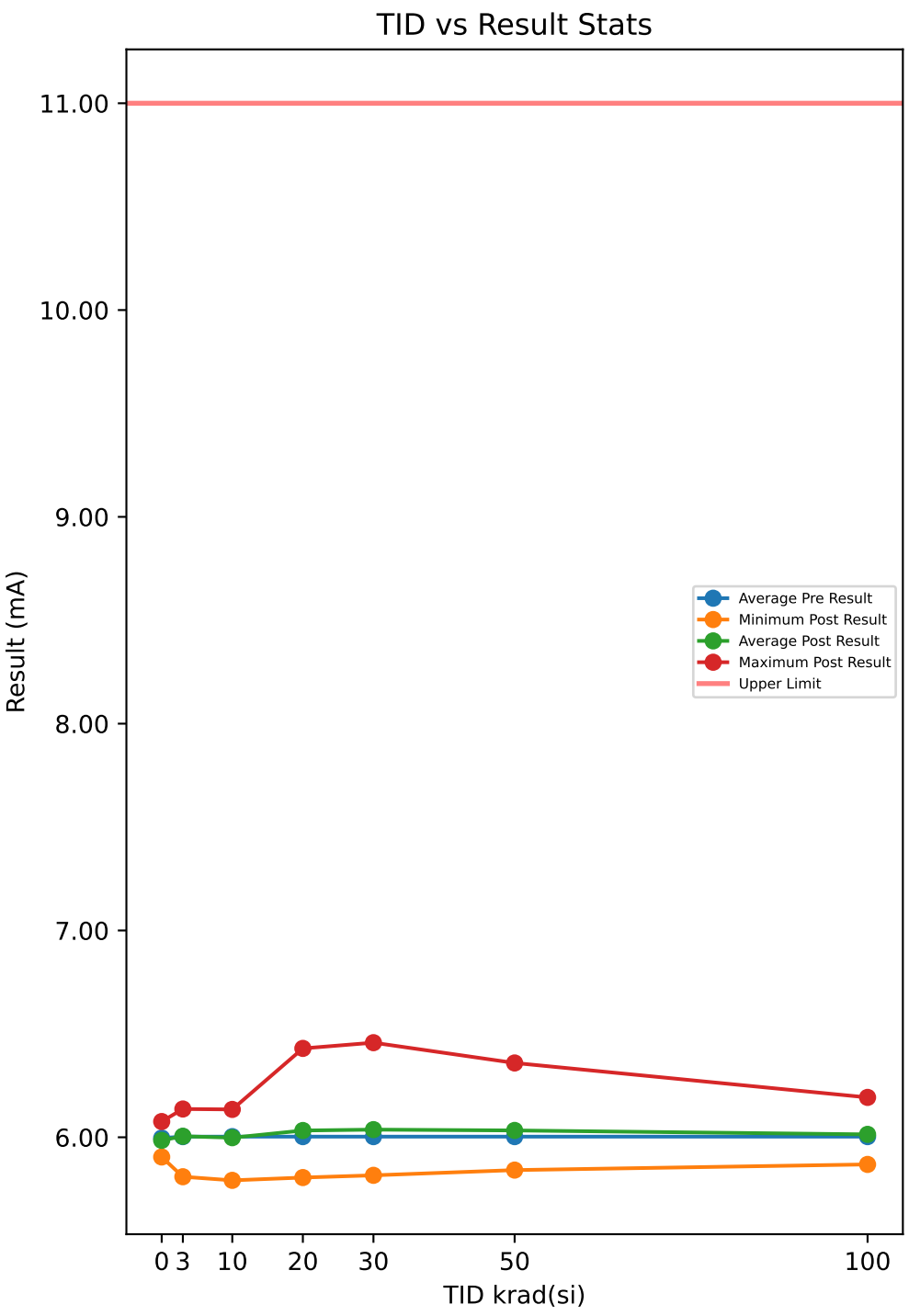
Test Statistics (V)

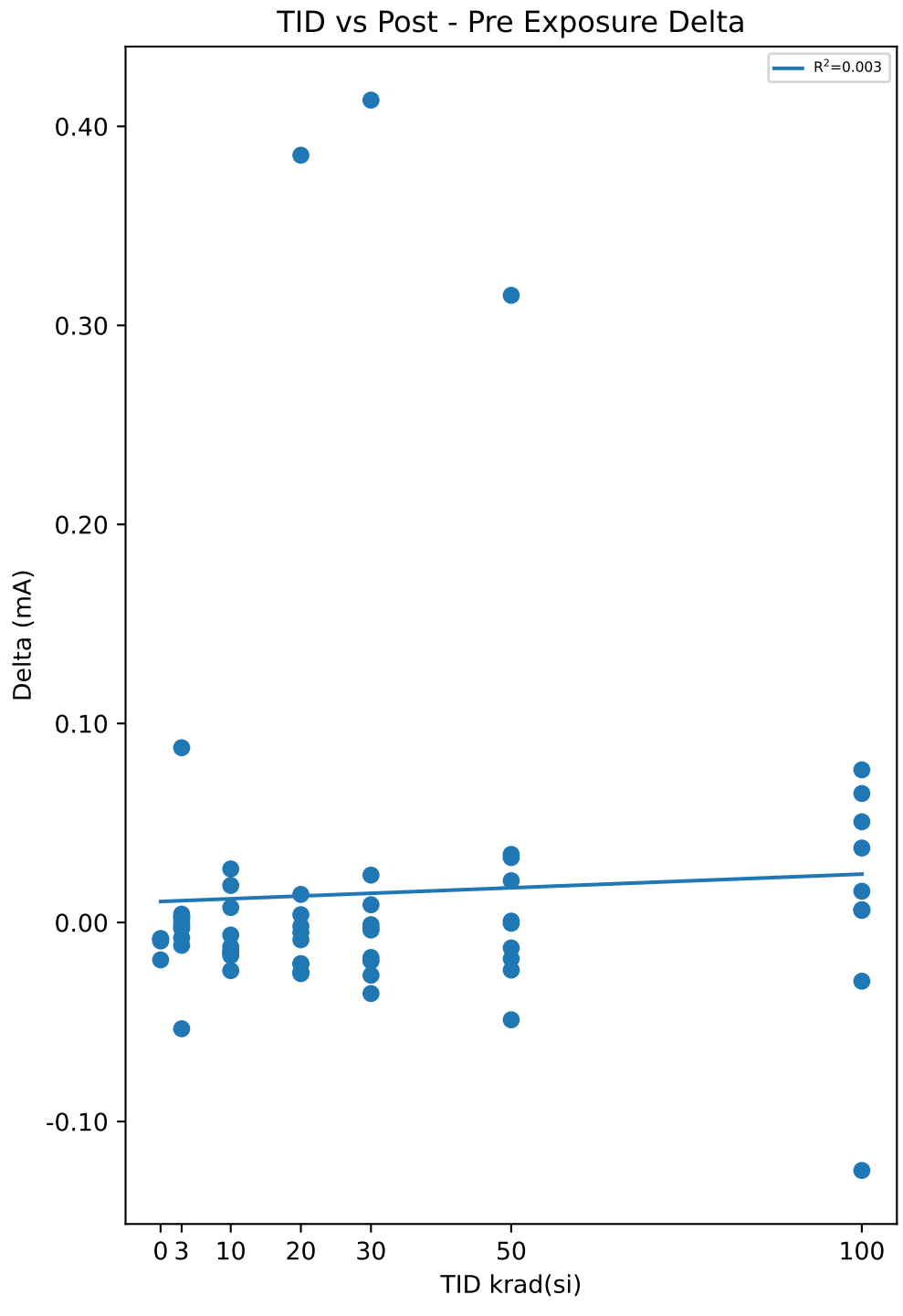
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9958	0.9998	1.0035	0.0038588	0.9961	0.9995	1.0033	0.0036166	-0.001	-0.0003	0.0003	0.00065574
3	0.9853	0.99725	1.0033	0.0052612	0.9856	0.99743	1.0035	0.0053691	-0.0016	0.00018	0.0017	0.00091019
10	0.993	0.99928	1.0033	0.0036551	0.993	0.99965	1.0048	0.0037227	-0.001	0.00037	0.0017	0.00077467
30	0.9856	0.99604	1.0019	0.0048754	0.9855	0.9964	1.0017	0.0045753	-0.0044	0.00036	0.0033	0.0024478
50	0.9885	0.99599	1.0048	0.0051043	0.99	0.99715	1.0038	0.0049697	-0.0014	0.00116	0.0043	0.0018386
100	0.9915	0.99676	1.0047	0.0040489	0.9897	0.99716	1.0081	0.0060735	-0.0029	0.0004	0.0034	0.0024581

B Appendix: LDR TID Report

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Device Test: 14.1 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/0/4.5/100kHz//@IDD_ACT_100K_NOLOAD





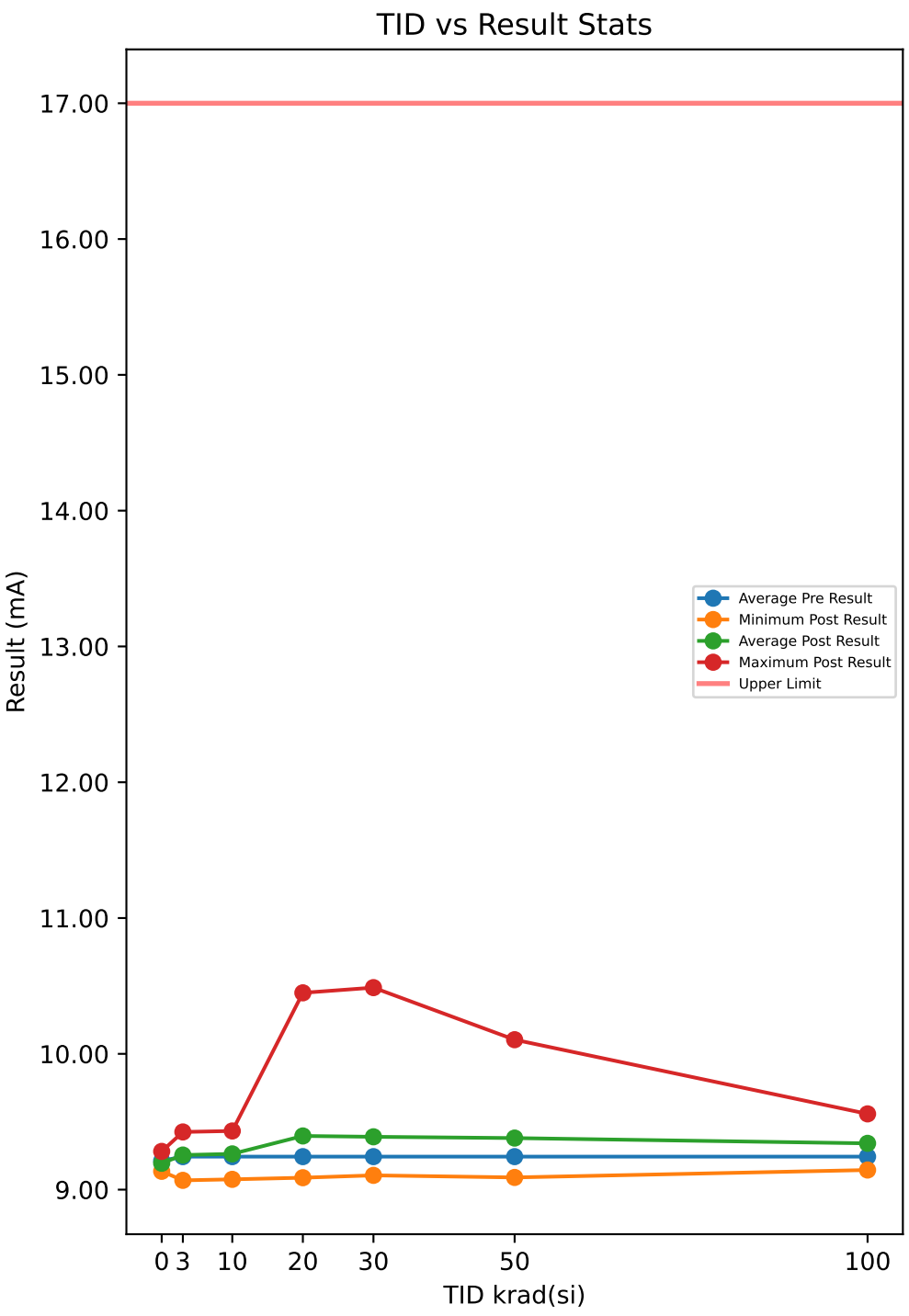
Test Results (Upper Limit = 11.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.0422	6.0392	-0.003
2	3	LDR BIAS	6.1161	6.0627	-0.0534
3	3	LDR BIAS	6.0442	6.132	0.0878
4	3	LDR BIAS	5.9382	5.9424	0.0042
5	3	LDR BIAS	6.0017	5.9997	-0.002
6	3	LDR UNBIAS	5.8071	5.8092	0.0021
7	3	LDR UNBIAS	5.9394	5.9393	-0.0001
8	3	LDR UNBIAS	6.0043	6.0071	0.0028
9	3	LDR UNBIAS	6.1444	6.1367	-0.0077
10	3	LDR UNBIAS	5.9933	5.9818	-0.0115
11	0	CORRELATION	6.0842	6.0761	-0.0081
12	0	CORRELATION	6.0054	5.9972	-0.0082
13	0	CORRELATION	5.9235	5.9047	-0.0188
14	0	CORRELATION	5.9719	5.9626	-0.0093
21	10	LDR BIAS	6.0422	6.0256	-0.0166
22	10	LDR BIAS	6.1161	6.1347	0.0186
23	10	LDR BIAS	6.0442	6.0711	0.0269
24	10	LDR BIAS	5.9382	5.926	-0.0122
25	10	LDR BIAS	6.0017	5.9954	-0.0063
26	10	LDR UNBIAS	5.8071	5.7917	-0.0154
27	10	LDR UNBIAS	5.9394	5.9242	-0.0152
28	10	LDR UNBIAS	6.0043	6.0118	0.0075
29	10	LDR UNBIAS	6.1444	6.1302	-0.0142
30	10	LDR UNBIAS	5.9933	5.9691	-0.0242
31	20	LDR BIAS	6.0422	6.0215	-0.0207
32	20	LDR BIAS	6.1161	6.12	0.0039
33	20	LDR BIAS	6.0442	6.4297	0.3855
34	20	LDR BIAS	5.9382	5.9295	-0.0087
35	20	LDR BIAS	6.0017	5.9769	-0.0248
36	20	LDR UNBIAS	5.8071	5.8052	-0.0019
37	20	LDR UNBIAS	5.9394	5.9186	-0.0208
38	20	LDR UNBIAS	6.0043	6.0184	0.0141
39	20	LDR UNBIAS	6.1444	6.1393	-0.0051
40	20	LDR UNBIAS	5.9933	5.9676	-0.0257
41	30	LDR BIAS	6.0422	6.0411	-0.0011
42	30	LDR BIAS	6.1161	6.1399	0.0238
43	30	LDR BIAS	6.0442	6.4574	0.4132
44	30	LDR BIAS	5.9382	5.9354	-0.0028
45	30	LDR BIAS	6.0017	5.966	-0.0357
46	30	LDR UNBIAS	5.8071	5.816	0.0089
47	30	LDR UNBIAS	5.9394	5.9129	-0.0265
48	30	LDR UNBIAS	6.0043	5.9849	-0.0194
49	30	LDR UNBIAS	6.1444	6.1268	-0.0176
50	30	LDR UNBIAS	5.9933	5.9895	-0.0038
51	50	LDR BIAS	6.0422	6.0632	0.021
52	50	LDR BIAS	6.1161	6.1487	0.0326
53	50	LDR BIAS	6.0442	6.3593	0.3151
54	50	LDR BIAS	5.9382	5.92	-0.0182
55	50	LDR BIAS	6.0017	5.9778	-0.0239
56	50	LDR UNBIAS	5.8071	5.8413	0.0342
57	50	LDR UNBIAS	5.9394	5.8905	-0.0489
58	50	LDR UNBIAS	6.0043	5.9915	-0.0128
59	50	LDR UNBIAS	6.1444	6.144	-0.0004
60	50	LDR UNBIAS	5.9933	5.994	0.0007
61	100	LDR BIAS	6.0422	6.0484	0.0062
62	100	LDR BIAS	6.1161	6.1928	0.0767
63	100	LDR BIAS	6.0442	6.0948	0.0506
64	100	LDR BIAS	5.9382	5.9756	0.0374
65	100	LDR BIAS	6.0017	6.0174	0.0157
66	100	LDR UNBIAS	5.8071	5.8719	0.0648
67	100	LDR UNBIAS	5.9394	5.9099	-0.0295
68	100	LDR UNBIAS	6.0043	6.0104	0.0061
69	100	LDR UNBIAS	6.1444	6.1508	0.0064
70	100	LDR UNBIAS	5.9933	5.8687	-0.1246

Test Statistics (mA)

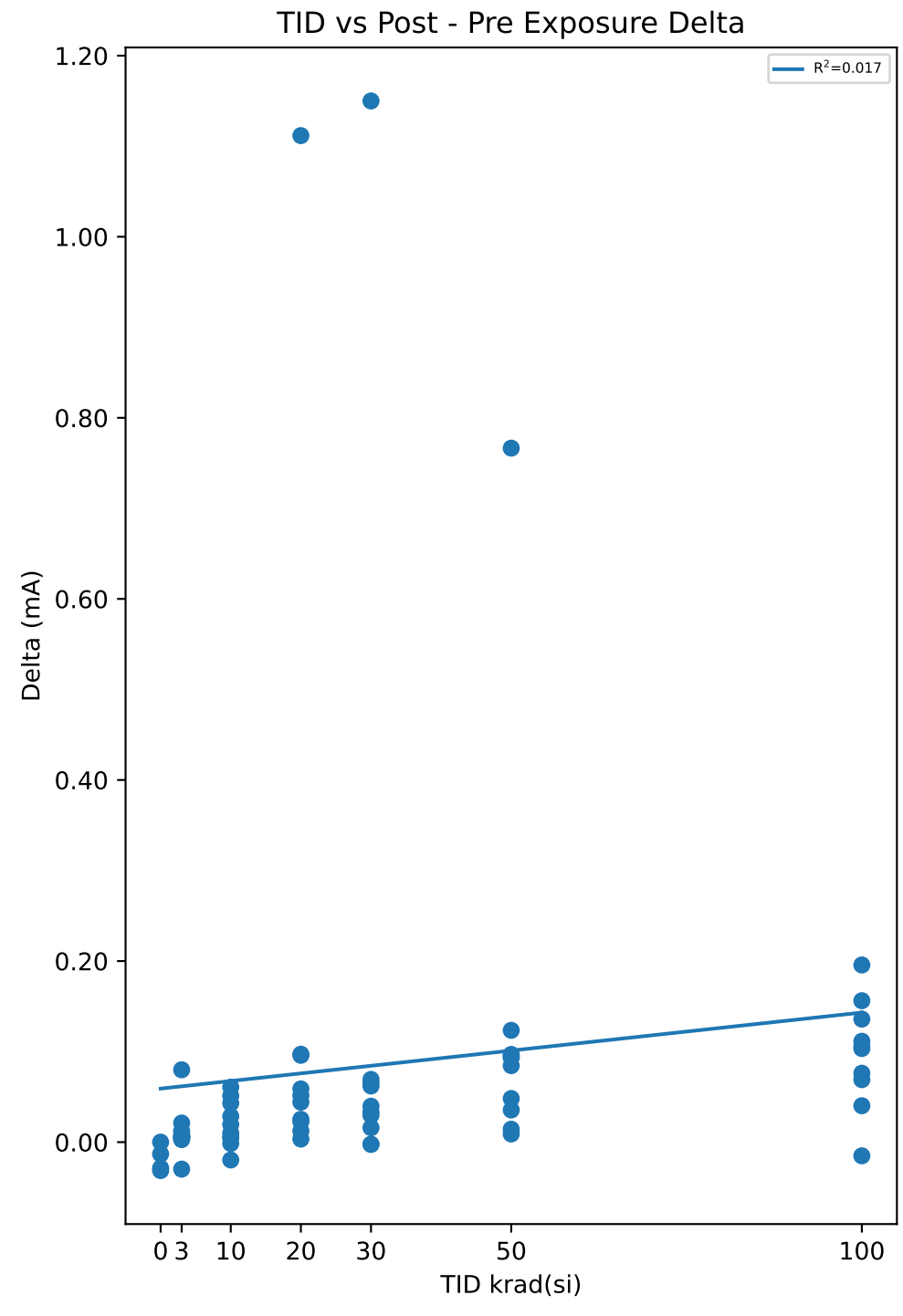
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.9235	5.9962	6.0842	0.067588	5.9047	5.9851	6.0761	0.071642	-0.0188	-0.0111	-0.0081	0.005162
3	5.8071	6.0031	6.1444	0.095881	5.8092	6.005	6.1367	0.097249	-0.0534	0.00192	0.0878	0.034574
10	5.8071	6.0031	6.1444	0.095881	5.7917	5.998	6.1347	0.10354	-0.0242	-0.00511	0.0269	0.016945
20	5.8071	6.0031	6.1444	0.095881	5.8052	6.0327	6.4297	0.16987	-0.0257	0.02958	0.3855	0.12575
30	5.8071	6.0031	6.1444	0.095881	5.816	6.037	6.4574	0.17638	-0.0357	0.0339	0.4132	0.1344
50	5.8071	6.0031	6.1444	0.095881	5.8413	6.033	6.3593	0.15246	-0.0489	0.02994	0.3151	0.10352
100	5.8071	6.0031	6.1444	0.095881	5.8687	6.0141	6.1928	0.11157	-0.1246	0.01098	0.0767	0.057343

Device Test: 14.10 IDD|SUPPLY CURRENT/IN/12/12/0/0/5/500kHz//@IDD_ACT_500K_NOLOAD



Test Results (Upper Limit = 17.0 (mA))

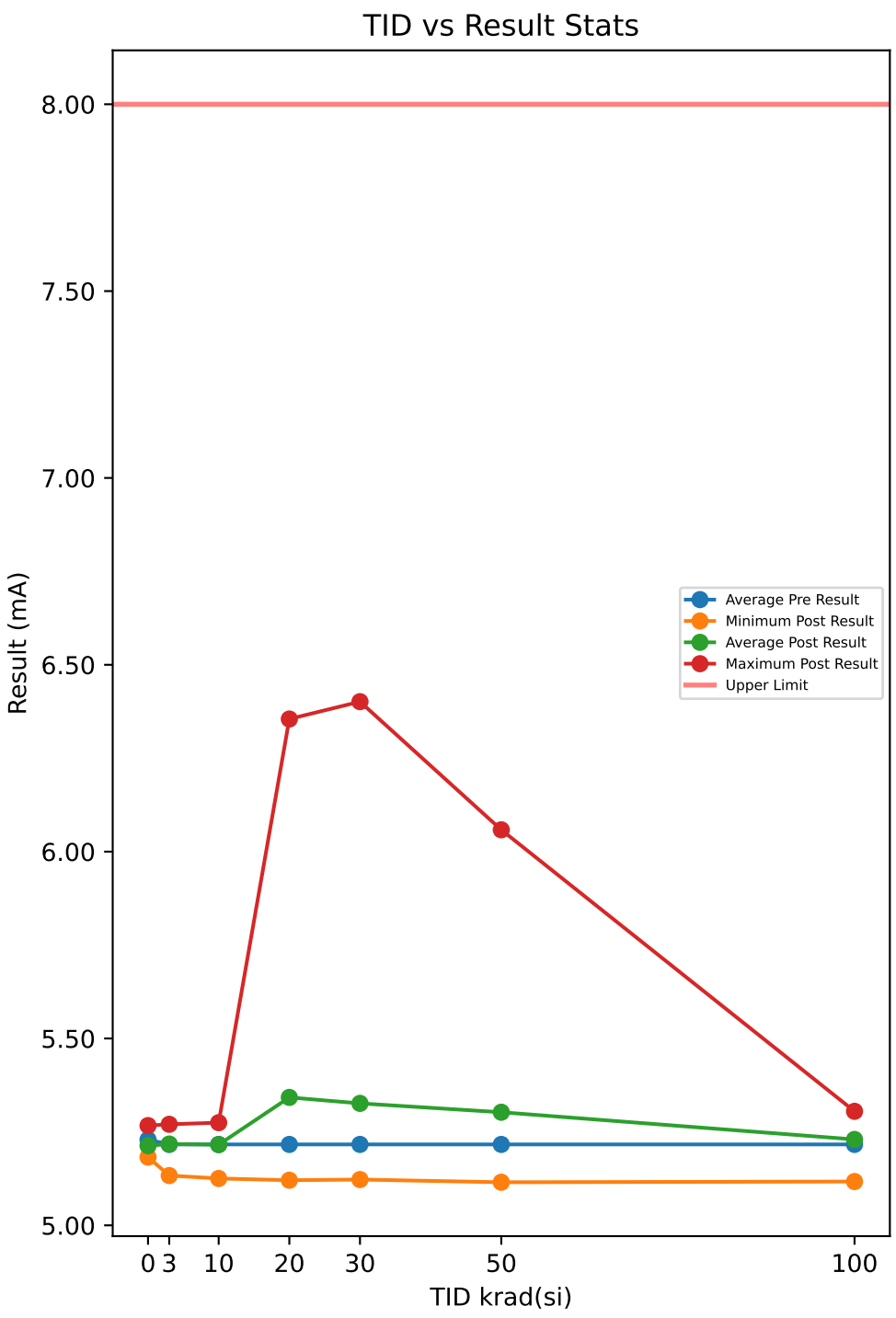
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	9.2977	9.3021	0.0044
2	3	LDR BIAS	9.3804	9.3506	-0.0298
3	3	LDR BIAS	9.3376	9.4175	0.0799
4	3	LDR BIAS	9.1221	9.128	0.0059
5	3	LDR BIAS	9.2751	9.2811	0.006
6	3	LDR UNBIAS	9.0473	9.0684	0.0211
7	3	LDR UNBIAS	9.0755	9.084	0.0085
8	3	LDR UNBIAS	9.2723	9.2846	0.0123
9	3	LDR UNBIAS	9.422	9.4248	0.0028
10	3	LDR UNBIAS	9.2007	9.2066	0.0059
11	0	CORRELATION	9.3101	9.2815	-0.0286
12	0	CORRELATION	9.1664	9.135	-0.0314
13	0	CORRELATION	9.195	9.1819	-0.0131
14	0	CORRELATION	9.1785	9.1785	0
21	10	LDR BIAS	9.2977	9.2962	-0.0015
22	10	LDR BIAS	9.3804	9.4234	0.043
23	10	LDR BIAS	9.3376	9.3887	0.0511
24	10	LDR BIAS	9.1221	9.1024	-0.0197
25	10	LDR BIAS	9.2751	9.2802	0.0051
26	10	LDR UNBIAS	9.0473	9.0758	0.0285
27	10	LDR UNBIAS	9.0755	9.0808	0.0053
28	10	LDR UNBIAS	9.2723	9.2917	0.0194
29	10	LDR UNBIAS	9.422	9.432	0.01
30	10	LDR UNBIAS	9.2007	9.2614	0.0607
31	20	LDR BIAS	9.2977	9.3565	0.0588
32	20	LDR BIAS	9.3804	9.4029	0.0225
33	20	LDR BIAS	9.3376	10.449	1.1117
34	20	LDR BIAS	9.1221	9.1255	0.0034
35	20	LDR BIAS	9.2751	9.371	0.0959
36	20	LDR UNBIAS	9.0473	9.0915	0.0442
37	20	LDR UNBIAS	9.0755	9.0878	0.0123
38	20	LDR UNBIAS	9.2723	9.3238	0.0515
39	20	LDR UNBIAS	9.422	9.5191	0.0971
40	20	LDR UNBIAS	9.2007	9.2259	0.0252
41	30	LDR BIAS	9.2977	9.331	0.0333
42	30	LDR BIAS	9.3804	9.4424	0.062
43	30	LDR BIAS	9.3376	10.488	1.15
44	30	LDR BIAS	9.1221	9.1196	-0.0025
45	30	LDR BIAS	9.2751	9.2728	-0.0023
46	30	LDR UNBIAS	9.0473	9.1166	0.0693
47	30	LDR UNBIAS	9.0755	9.1052	0.0297
48	30	LDR UNBIAS	9.2723	9.2882	0.0159
49	30	LDR UNBIAS	9.422	9.4617	0.0397
50	30	LDR UNBIAS	9.2007	9.2661	0.0654
51	50	LDR BIAS	9.2977	9.3822	0.0845
52	50	LDR BIAS	9.3804	9.4752	0.0948
53	50	LDR BIAS	9.3376	10.104	0.7665
54	50	LDR BIAS	9.1221	9.1311	0.009
55	50	LDR BIAS	9.2751	9.3106	0.0355
56	50	LDR UNBIAS	9.0473	9.1708	0.1235
57	50	LDR UNBIAS	9.0755	9.0898	0.0143
58	50	LDR UNBIAS	9.2723	9.3205	0.0482
59	50	LDR UNBIAS	9.422	9.5152	0.0932
60	50	LDR UNBIAS	9.2007	9.2976	0.0969
61	100	LDR BIAS	9.2977	9.403	0.1053
62	100	LDR BIAS	9.3804	9.5366	0.1562
63	100	LDR BIAS	9.3376	9.3225	-0.0151
64	100	LDR BIAS	9.1221	9.1982	0.0761
65	100	LDR BIAS	9.2751	9.3865	0.1114
66	100	LDR UNBIAS	9.0473	9.243	0.1957
67	100	LDR UNBIAS	9.0755	9.1445	0.069
68	100	LDR UNBIAS	9.2723	9.3757	0.1034
69	100	LDR UNBIAS	9.422	9.5579	0.1359
70	100	LDR UNBIAS	9.2007	9.2409	0.0402

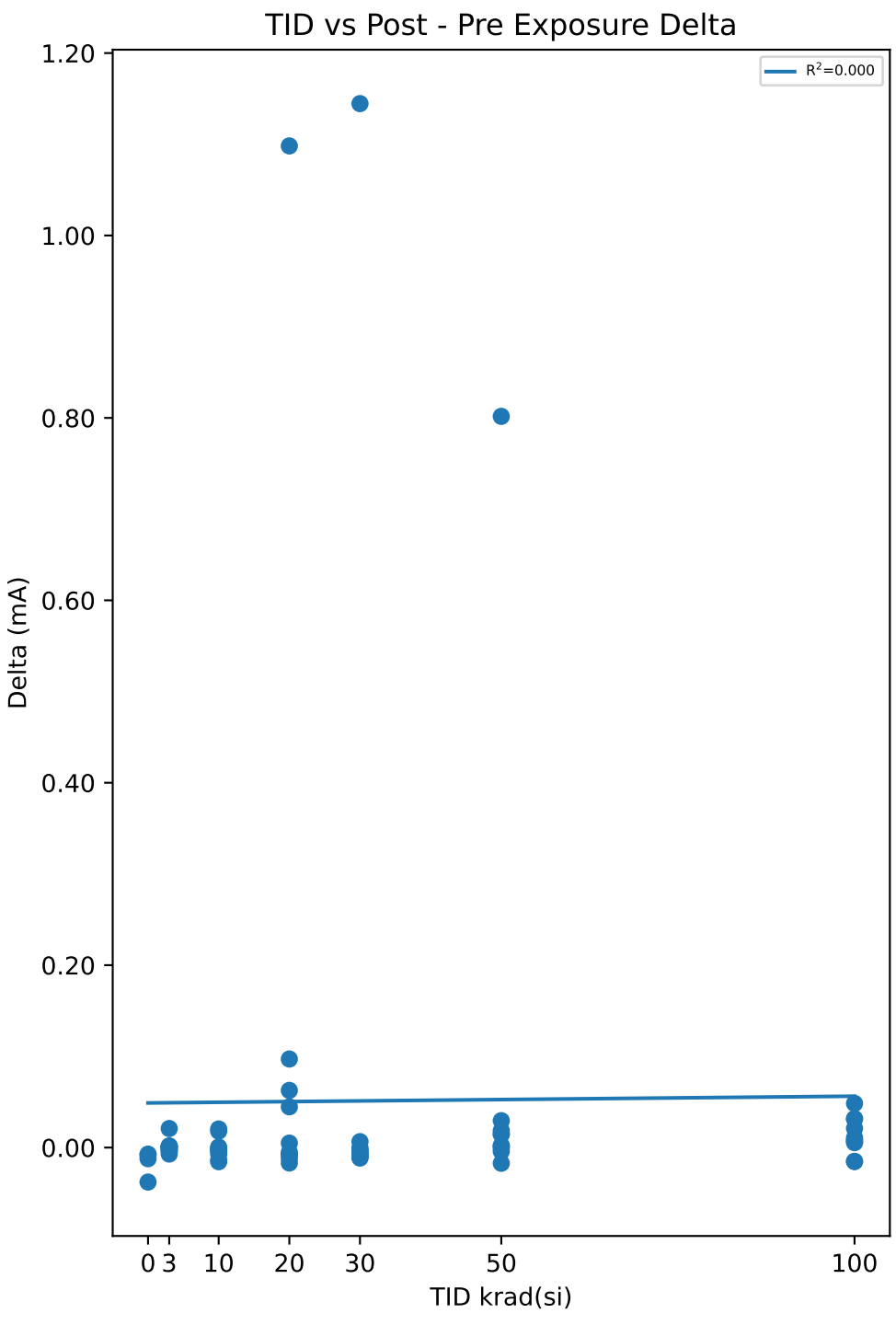


Test Statistics (mA)

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	9.1664	9.2125	9.3101	0.066114	9.135	9.1942	9.2815	0.061978	-0.0314	-0.018275	0	0.014602
3	9.0473	9.2431	9.422	0.12802	9.0684	9.2548	9.4248	0.12939	-0.0298	0.0117	0.0799	0.027294
10	9.0473	9.2431	9.422	0.12802	9.0758	9.2633	9.432	0.13595	-0.0197	0.02019	0.0607	0.025389
20	9.0473	9.2431	9.422	0.12802	9.0878	9.3953	10.449	0.39747	0.0034	0.15226	1.1117	0.33863
30	9.0473	9.2431	9.422	0.12802	9.1052	9.3891	10.488	0.40613	-0.0025	0.14605	1.15	0.3537
50	9.0473	9.2431	9.422	0.12802	9.0898	9.3797	10.104	0.28997	0.009	0.13664	0.7665	0.22463
100	9.0473	9.2431	9.422	0.12802	9.1445	9.3409	9.5579	0.138	-0.0151	0.09781	0.1957	0.059706

Device Test: 14.11 IDD_DIS|STANDBY CURRENT/IN/12/12/0/0/5/500kHz//@IDD_DIS





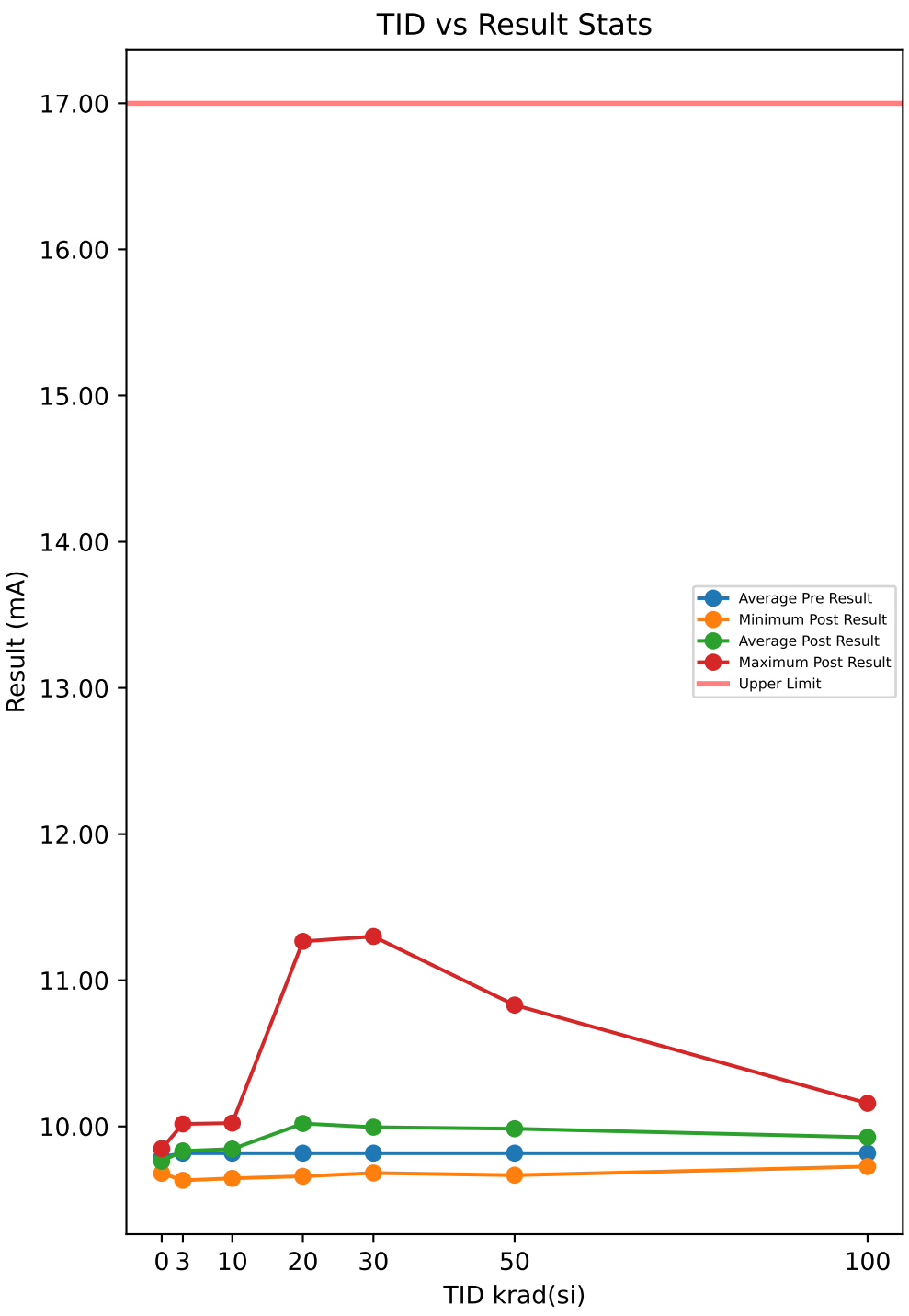
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.2615	5.2627	0.0012
2	3	LDR BIAS	5.2495	5.2704	0.0209
3	3	LDR BIAS	5.2567	5.2554	-0.0013
4	3	LDR BIAS	5.1584	5.1581	-0.0003
5	3	LDR BIAS	5.2515	5.2476	-0.0039
6	3	LDR UNBIAS	5.1554	5.1562	0.0008
7	3	LDR UNBIAS	5.1325	5.1332	0.0007
8	3	LDR UNBIAS	5.2271	5.229	0.0019
9	3	LDR UNBIAS	5.2695	5.2665	-0.003
10	3	LDR UNBIAS	5.2028	5.1957	-0.0071
11	0	CORRELATION	5.3047	5.2669	-0.0378
12	0	CORRELATION	5.2147	5.2075	-0.0072
13	0	CORRELATION	5.1947	5.1825	-0.0122
14	0	CORRELATION	5.2032	5.1951	-0.0081
21	10	LDR BIAS	5.2615	5.246	-0.0155
22	10	LDR BIAS	5.2495	5.2483	-0.0012
23	10	LDR BIAS	5.2567	5.2747	0.018
24	10	LDR BIAS	5.1584	5.1447	-0.0137
25	10	LDR BIAS	5.2515	5.2521	0.0006
26	10	LDR UNBIAS	5.1554	5.1516	-0.0038
27	10	LDR UNBIAS	5.1325	5.1254	-0.0071
28	10	LDR UNBIAS	5.2271	5.2259	-0.0012
29	10	LDR UNBIAS	5.2695	5.2663	-0.0032
30	10	LDR UNBIAS	5.2028	5.2232	0.0204
31	20	LDR BIAS	5.2615	5.3062	0.0447
32	20	LDR BIAS	5.2495	5.242	-0.0075
33	20	LDR BIAS	5.2567	6.3549	1.0982
34	20	LDR BIAS	5.1584	5.1502	-0.0082
35	20	LDR BIAS	5.2515	5.3486	0.0971
36	20	LDR UNBIAS	5.1554	5.1503	-0.0051
37	20	LDR UNBIAS	5.1325	5.1207	-0.0118
38	20	LDR UNBIAS	5.2271	5.232	0.0049
39	20	LDR UNBIAS	5.2695	5.3322	0.0627
40	20	LDR UNBIAS	5.2028	5.1859	-0.0169
41	30	LDR BIAS	5.2615	5.257	-0.0045
42	30	LDR BIAS	5.2495	5.256	0.0065
43	30	LDR BIAS	5.2567	6.4013	1.1446
44	30	LDR BIAS	5.1584	5.1502	-0.0082
45	30	LDR BIAS	5.2515	5.24	-0.0115
46	30	LDR UNBIAS	5.1554	5.1551	-0.0003
47	30	LDR UNBIAS	5.1325	5.1225	-0.01
48	30	LDR UNBIAS	5.2271	5.2183	-0.0088
49	30	LDR UNBIAS	5.2695	5.2632	-0.0063
50	30	LDR UNBIAS	5.2028	5.1998	-0.003
51	50	LDR BIAS	5.2615	5.2801	0.0186
52	50	LDR BIAS	5.2495	5.264	0.0145
53	50	LDR BIAS	5.2567	6.0584	0.8017
54	50	LDR BIAS	5.1584	5.1542	-0.0042
55	50	LDR BIAS	5.2515	5.2511	-0.0004
56	50	LDR UNBIAS	5.1554	5.1702	0.0148
57	50	LDR UNBIAS	5.1325	5.1153	-0.0172
58	50	LDR UNBIAS	5.2271	5.2295	0.0024
59	50	LDR UNBIAS	5.2695	5.299	0.0295
60	50	LDR UNBIAS	5.2028	5.2044	0.0016
61	100	LDR BIAS	5.2615	5.2723	0.0108
62	100	LDR BIAS	5.2495	5.2809	0.0314
63	100	LDR BIAS	5.2567	5.3051	0.0484
64	100	LDR BIAS	5.1584	5.1668	0.0084
65	100	LDR BIAS	5.2515	5.2585	0.007
66	100	LDR UNBIAS	5.1554	5.1871	0.0317
67	100	LDR UNBIAS	5.1325	5.1172	-0.0153
68	100	LDR UNBIAS	5.2271	5.2325	0.0054
69	100	LDR UNBIAS	5.2695	5.2906	0.0211
70	100	LDR UNBIAS	5.2028	5.1877	-0.0151

Test Statistics (mA)

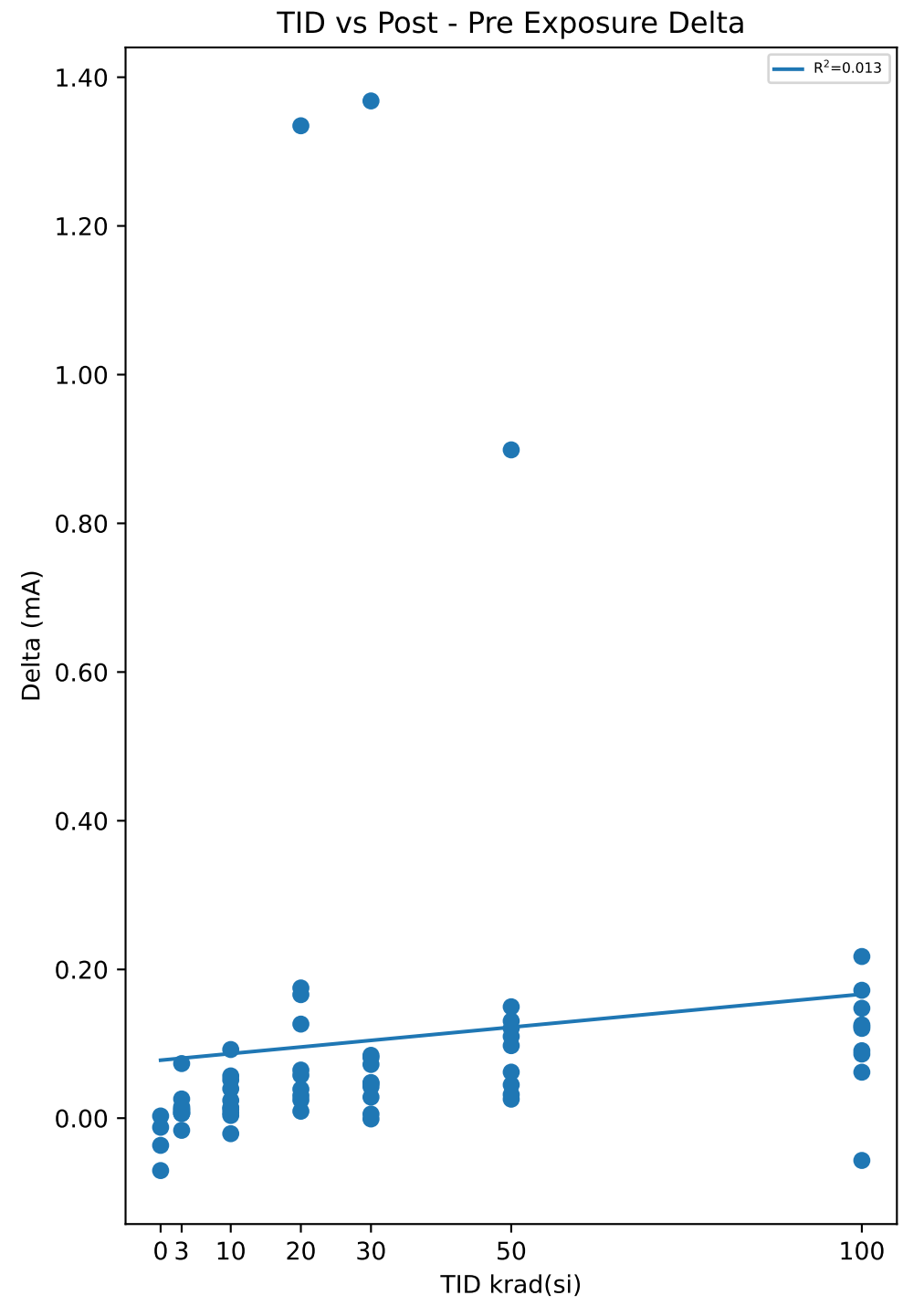
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.1947	5.2293	5.3047	0.050914	5.1825	5.213	5.2669	0.037355	-0.0378	-0.016325	-0.0072	0.014481
3	5.1325	5.2165	5.2695	0.050803	5.1332	5.2175	5.2704	0.052265	-0.0071	0.00099	0.0209	0.0075247
10	5.1325	5.2165	5.2695	0.050803	5.1254	5.2158	5.2747	0.05458	-0.0155	-0.00067	0.0204	0.011747
20	5.1325	5.2165	5.2695	0.050803	5.1207	5.3423	6.3549	0.36459	-0.0169	0.12581	1.0982	0.34379
30	5.1325	5.2165	5.2695	0.050803	5.1225	5.3263	6.4013	0.38098	-0.0115	0.10985	1.1446	0.36361
50	5.1325	5.2165	5.2695	0.050803	5.1153	5.3026	6.0584	0.27193	-0.0172	0.08613	0.8017	0.25177
100	5.1325	5.2165	5.2695	0.050803	5.1172	5.2299	5.3051	0.062235	-0.0153	0.01338	0.0484	0.020319

Device Test: 14.12 IDD|SUPPLY CURRENT/IN/14/14/0/0/5/500kHz//@IDD_ACT_500K_NOLOAD



Test Results (Upper Limit = 17.0 (mA))

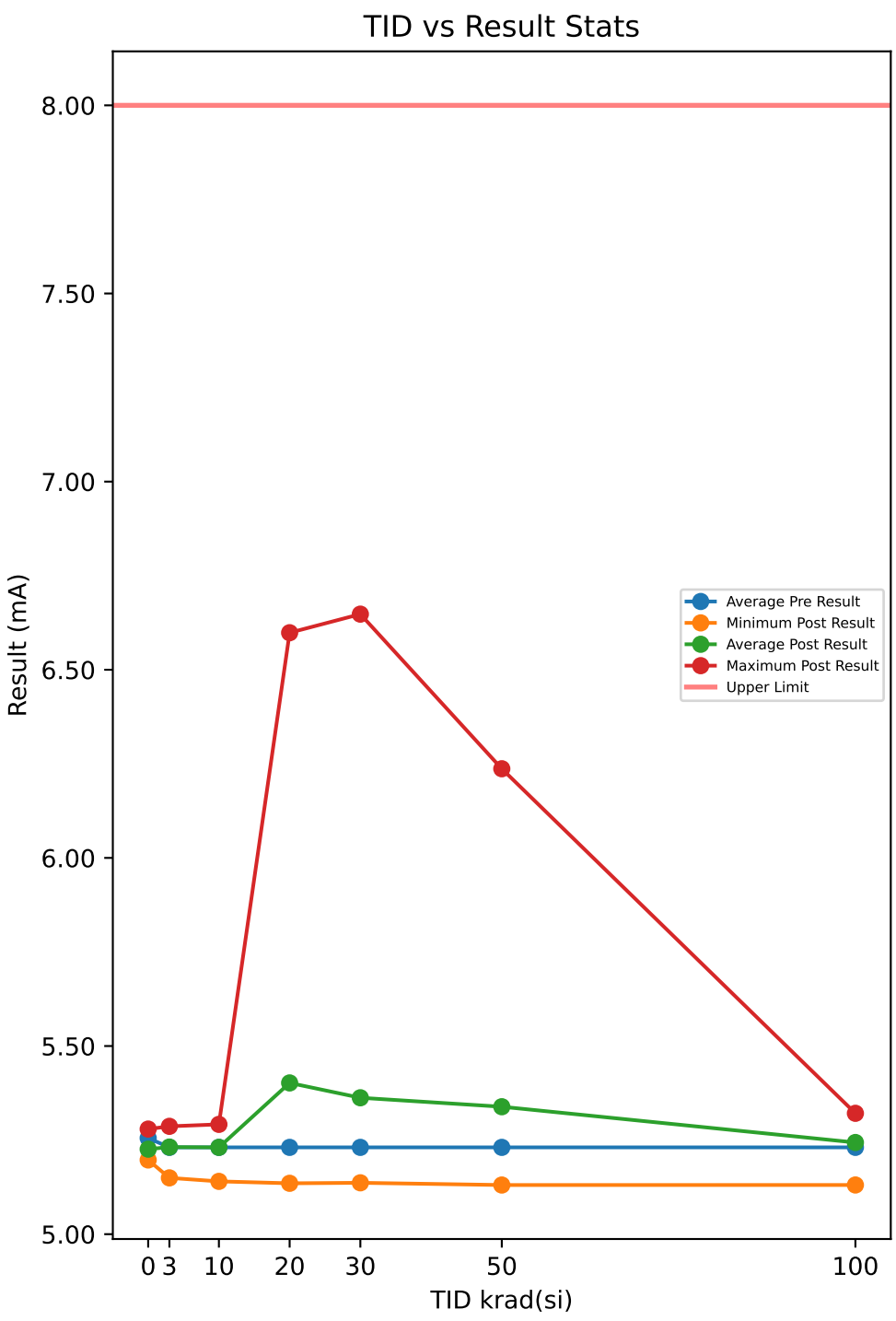
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	9.87	9.877	0.007
2	3	LDR BIAS	9.9588	9.9424	-0.0164
3	3	LDR BIAS	9.9316	10.005	0.0734
4	3	LDR BIAS	9.6831	9.6892	0.0061
5	3	LDR BIAS	9.8615	9.8714	0.0099
6	3	LDR UNBIAS	9.6055	9.6313	0.0258
7	3	LDR UNBIAS	9.6347	9.6478	0.0131
8	3	LDR UNBIAS	9.8569	9.8723	0.0154
9	3	LDR UNBIAS	10.011	10.017	0.0066
10	3	LDR UNBIAS	9.7601	9.7712	0.0111
11	0	CORRELATION	9.9187	9.8482	-0.0705
12	0	CORRELATION	9.7162	9.6796	-0.0366
13	0	CORRELATION	9.7874	9.7751	-0.0123
14	0	CORRELATION	9.743	9.7459	0.0029
21	10	LDR BIAS	9.87	9.8736	0.0036
22	10	LDR BIAS	9.9588	10.01	0.0514
23	10	LDR BIAS	9.9316	9.9884	0.0568
24	10	LDR BIAS	9.6831	9.6622	-0.0209
25	10	LDR BIAS	9.8615	9.8686	0.0071
26	10	LDR UNBIAS	9.6055	9.645	0.0395
27	10	LDR UNBIAS	9.6347	9.649	0.0143
28	10	LDR UNBIAS	9.8569	9.8808	0.0239
29	10	LDR UNBIAS	10.011	10.023	0.0122
30	10	LDR UNBIAS	9.7601	9.8524	0.0923
31	20	LDR BIAS	9.87	9.9965	0.1265
32	20	LDR BIAS	9.9588	9.9892	0.0304
33	20	LDR BIAS	9.9316	11.266	1.3347
34	20	LDR BIAS	9.6831	9.6924	0.0093
35	20	LDR BIAS	9.8615	10.037	0.1751
36	20	LDR UNBIAS	9.6055	9.6632	0.0577
37	20	LDR UNBIAS	9.6347	9.6591	0.0244
38	20	LDR UNBIAS	9.8569	9.9216	0.0647
39	20	LDR UNBIAS	10.011	10.177	0.1661
40	20	LDR UNBIAS	9.7601	9.799	0.0389
41	30	LDR BIAS	9.87	9.9123	0.0423
42	30	LDR BIAS	9.9588	10.031	0.0722
43	30	LDR BIAS	9.9316	11.3	1.3681
44	30	LDR BIAS	9.6831	9.682	-0.0011
45	30	LDR BIAS	9.8615	9.867	0.0055
46	30	LDR UNBIAS	9.6055	9.69	0.0845
47	30	LDR UNBIAS	9.6347	9.6813	0.0466
48	30	LDR UNBIAS	9.8569	9.8852	0.0283
49	30	LDR UNBIAS	10.011	10.058	0.0479
50	30	LDR UNBIAS	9.7601	9.8416	0.0815
51	50	LDR BIAS	9.87	9.9675	0.0975
52	50	LDR BIAS	9.9588	10.069	0.1099
53	50	LDR BIAS	9.9316	10.83	0.8988
54	50	LDR BIAS	9.6831	9.7086	0.0255
55	50	LDR BIAS	9.8615	9.9063	0.0448
56	50	LDR UNBIAS	9.6055	9.7553	0.1498
57	50	LDR UNBIAS	9.6347	9.6664	0.0317
58	50	LDR UNBIAS	9.8569	9.9188	0.0619
59	50	LDR UNBIAS	10.011	10.141	0.1307
60	50	LDR UNBIAS	9.7601	9.881	0.1209
61	100	LDR BIAS	9.87	9.9932	0.1232
62	100	LDR BIAS	9.9588	10.131	0.172
63	100	LDR BIAS	9.9316	9.8747	-0.0569
64	100	LDR BIAS	9.6831	9.7693	0.0862
65	100	LDR BIAS	9.8615	9.9869	0.1254
66	100	LDR UNBIAS	9.6055	9.8229	0.2174
67	100	LDR UNBIAS	9.6347	9.7254	0.0907
68	100	LDR UNBIAS	9.8569	9.9776	0.1207
69	100	LDR UNBIAS	10.011	10.158	0.1478
70	100	LDR UNBIAS	9.7601	9.8219	0.0618

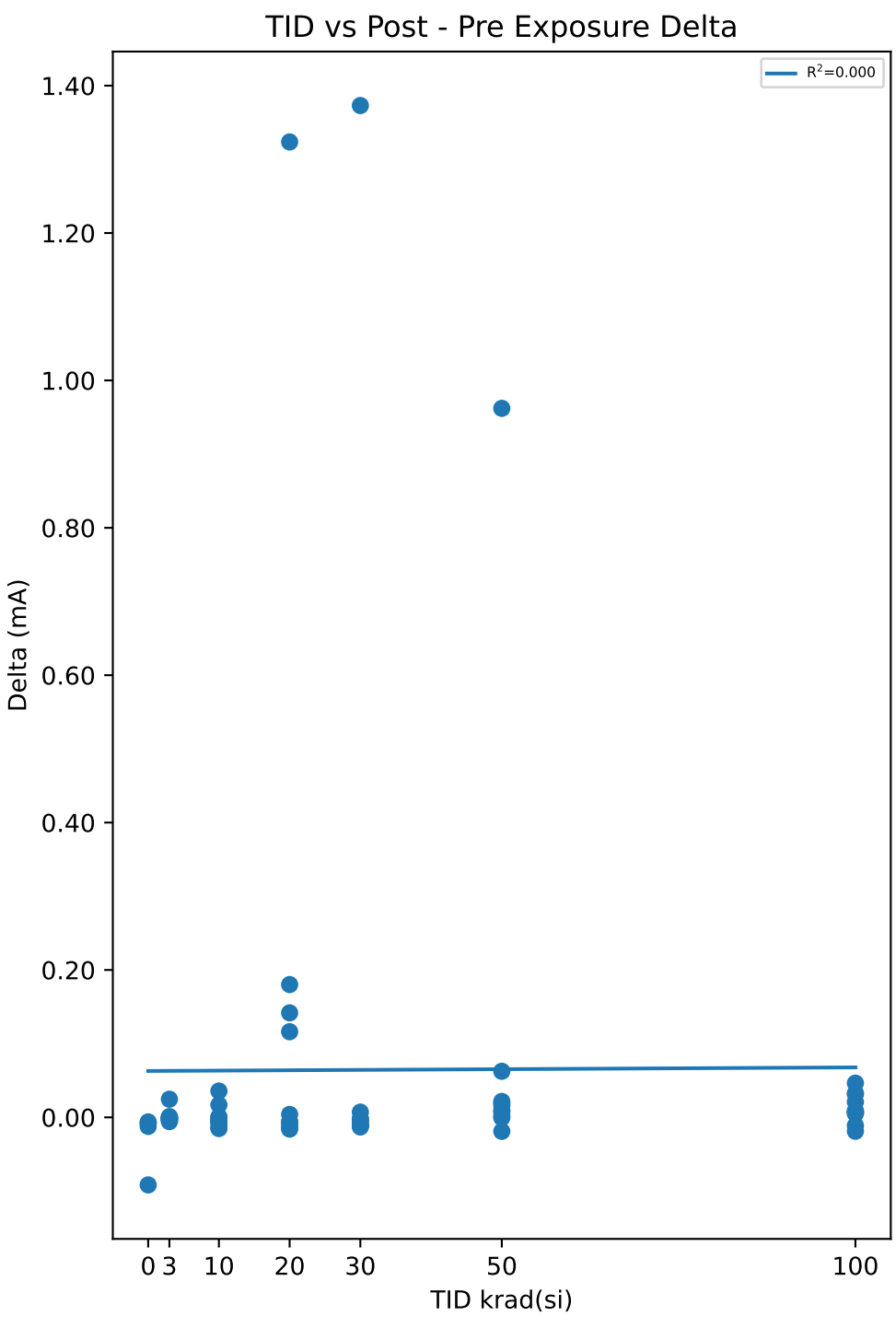


Test Statistics (mA)

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	9.7162	9.7913	9.9187	0.08985	9.6796	9.7622	9.8482	0.069883	-0.0705	-0.029125	0.0029	0.032023
3	9.6055	9.8173	10.011	0.13992	9.6313	9.8325	10.017	0.14137	-0.0164	0.0152	0.0734	0.023025
10	9.6055	9.8173	10.011	0.13992	9.645	9.8453	10.023	0.14681	-0.0209	0.02802	0.0923	0.032526
20	9.6055	9.8173	10.011	0.13992	9.6591	10.02	11.266	0.47175	0.0093	0.20278	1.3347	0.40209
30	9.6055	9.8173	10.011	0.13992	9.6813	9.9948	11.3	0.47793	-0.0011	0.17758	1.3681	0.41932
50	9.6055	9.8173	10.011	0.13992	9.6664	9.9844	10.83	0.33308	0.0255	0.16715	0.8988	0.2607
100	9.6055	9.8173	10.011	0.13992	9.7254	9.9261	10.158	0.14746	-0.0569	0.10883	0.2174	0.073362

Device Test: 14.13 IDD_DIS|STANDBY CURRENT/IN/14/14/0/0/5/500kHz//@IDD_DIS





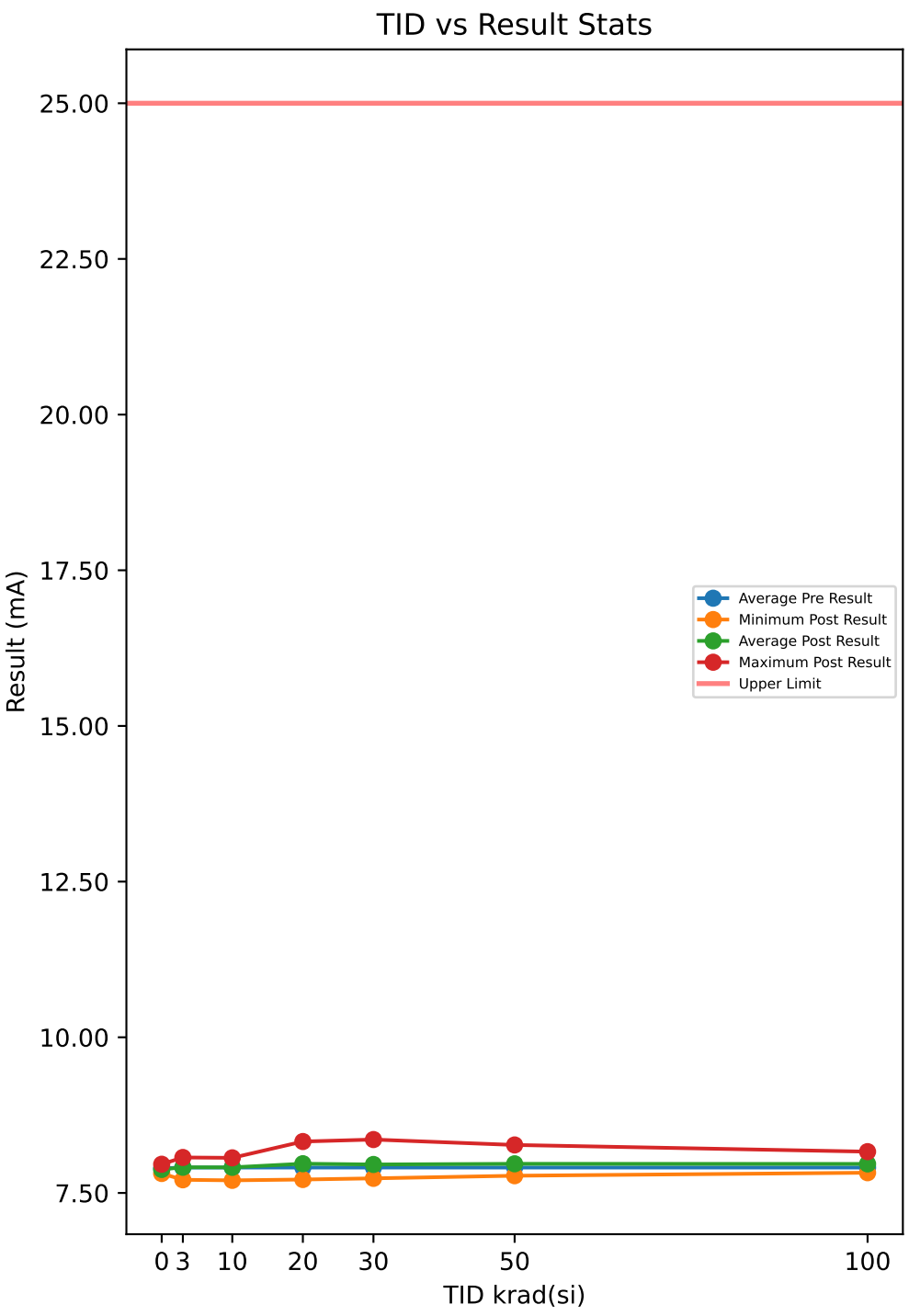
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.2754	5.2746	-0.0008
2	3	LDR BIAS	5.262	5.2866	0.0246
3	3	LDR BIAS	5.2748	5.2735	-0.0013
4	3	LDR BIAS	5.1722	5.1689	-0.0033
5	3	LDR BIAS	5.2659	5.2632	-0.0027
6	3	LDR UNBIAS	5.1695	5.1705	0.001
7	3	LDR UNBIAS	5.1496	5.1496	0
8	3	LDR UNBIAS	5.2409	5.2408	-0.0001
9	3	LDR UNBIAS	5.284	5.2803	-0.0037
10	3	LDR UNBIAS	5.2123	5.2065	-0.0058
11	0	CORRELATION	5.371	5.2793	-0.0917
12	0	CORRELATION	5.2272	5.221	-0.0062
13	0	CORRELATION	5.2095	5.1972	-0.0123
14	0	CORRELATION	5.214	5.2062	-0.0078
21	10	LDR BIAS	5.2754	5.2609	-0.0145
22	10	LDR BIAS	5.262	5.2627	0.0007
23	10	LDR BIAS	5.2748	5.2918	0.017
24	10	LDR BIAS	5.1722	5.1571	-0.0151
25	10	LDR BIAS	5.2659	5.2659	0
26	10	LDR UNBIAS	5.1695	5.1638	-0.0057
27	10	LDR UNBIAS	5.1496	5.1403	-0.0093
28	10	LDR UNBIAS	5.2409	5.2374	-0.0035
29	10	LDR UNBIAS	5.284	5.2789	-0.0051
30	10	LDR UNBIAS	5.2123	5.248	0.0357
31	20	LDR BIAS	5.2754	5.3916	0.1162
32	20	LDR BIAS	5.262	5.2558	-0.0062
33	20	LDR BIAS	5.2748	6.5984	1.3236
34	20	LDR BIAS	5.1722	5.1615	-0.0107
35	20	LDR BIAS	5.2659	5.4461	0.1802
36	20	LDR UNBIAS	5.1695	5.1637	-0.0058
37	20	LDR UNBIAS	5.1496	5.1352	-0.0144
38	20	LDR UNBIAS	5.2409	5.2449	0.004
39	20	LDR UNBIAS	5.284	5.4258	0.1418
40	20	LDR UNBIAS	5.2123	5.1964	-0.0159
41	30	LDR BIAS	5.2754	5.2707	-0.0047
42	30	LDR BIAS	5.262	5.2691	0.0071
43	30	LDR BIAS	5.2748	6.6478	1.373
44	30	LDR BIAS	5.1722	5.1609	-0.0113
45	30	LDR BIAS	5.2659	5.2547	-0.0112
46	30	LDR UNBIAS	5.1695	5.1673	-0.0022
47	30	LDR UNBIAS	5.1496	5.1365	-0.0131
48	30	LDR UNBIAS	5.2409	5.2301	-0.0108
49	30	LDR UNBIAS	5.284	5.2773	-0.0067
50	30	LDR UNBIAS	5.2123	5.2105	-0.0018
51	50	LDR BIAS	5.2754	5.2946	0.0192
52	50	LDR BIAS	5.262	5.2777	0.0157
53	50	LDR BIAS	5.2748	6.2369	0.9621
54	50	LDR BIAS	5.1722	5.1817	0.0095
55	50	LDR BIAS	5.2659	5.2653	-0.0006
56	50	LDR UNBIAS	5.1695	5.1911	0.0216
57	50	LDR UNBIAS	5.1496	5.1306	-0.019
58	50	LDR UNBIAS	5.2409	5.2429	0.002
59	50	LDR UNBIAS	5.284	5.3465	0.0625
60	50	LDR UNBIAS	5.2123	5.2195	0.0072
61	100	LDR BIAS	5.2754	5.2845	0.0091
62	100	LDR BIAS	5.262	5.2945	0.0325
63	100	LDR BIAS	5.2748	5.3212	0.0464
64	100	LDR BIAS	5.1722	5.1797	0.0075
65	100	LDR BIAS	5.2659	5.2723	0.0064
66	100	LDR UNBIAS	5.1695	5.2011	0.0316
67	100	LDR UNBIAS	5.1496	5.1307	-0.0189
68	100	LDR UNBIAS	5.2409	5.246	0.0051
69	100	LDR UNBIAS	5.284	5.3049	0.0209
70	100	LDR UNBIAS	5.2123	5.2012	-0.0111

Test Statistics (mA)

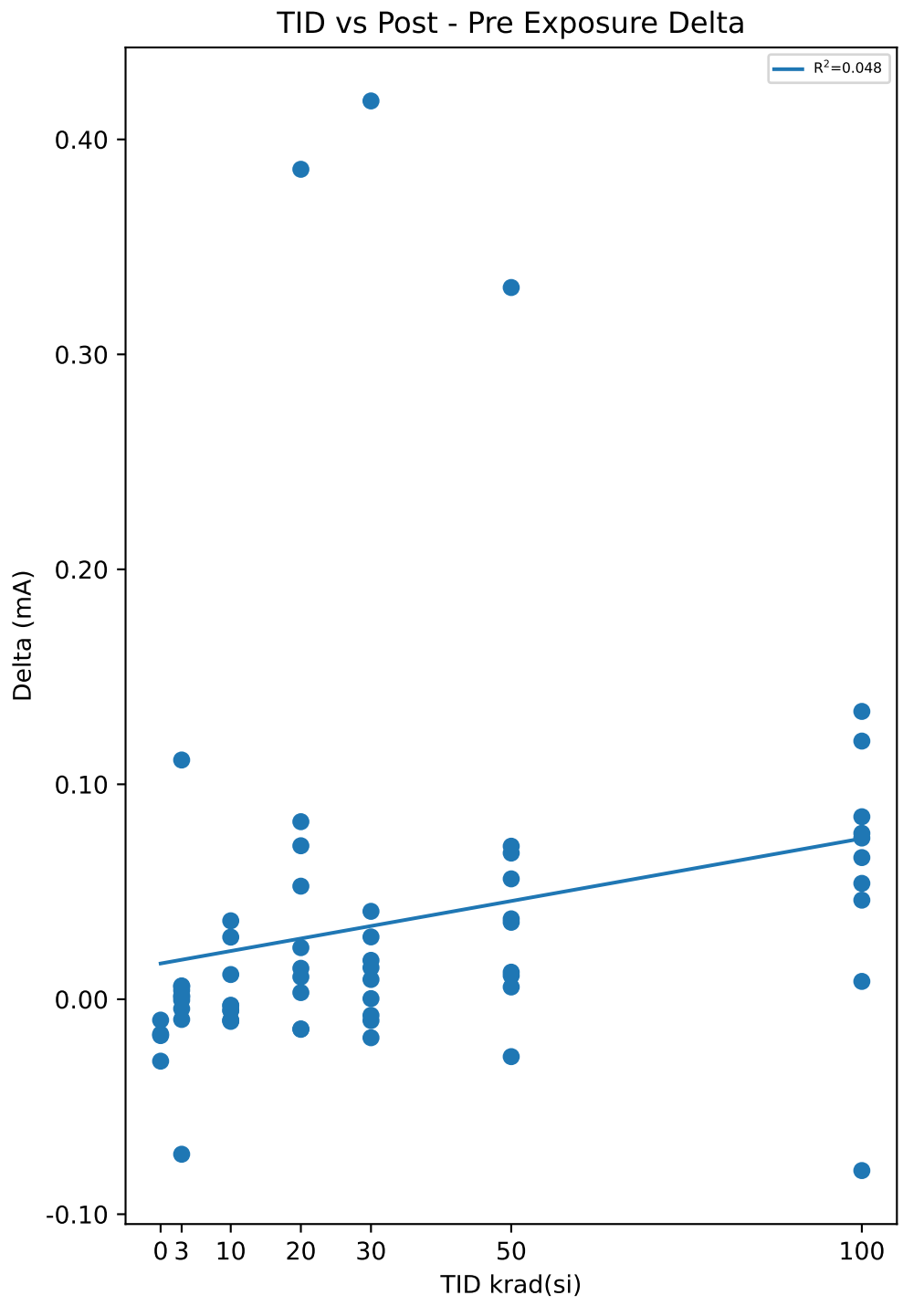
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.2095	5.2554	5.371	0.077415	5.1972	5.2259	5.2793	0.036911	-0.0917	-0.0295	-0.0062	0.041547
3	5.1496	5.2307	5.284	0.050761	5.1496	5.2315	5.2866	0.052813	-0.0058	0.00079	0.0246	0.0086137
10	5.1496	5.2307	5.284	0.050761	5.1403	5.2307	5.2918	0.055418	-0.0151	2e-05	0.0357	0.01549
20	5.1496	5.2307	5.284	0.050761	5.1352	5.4019	6.5984	0.43565	-0.0159	0.17128	1.3236	0.41168
30	5.1496	5.2307	5.284	0.050761	5.1365	5.3625	6.6478	0.45442	-0.0131	0.13183	1.373	0.43615
50	5.1496	5.2307	5.284	0.050761	5.1306	5.3387	6.2369	0.32163	-0.019	0.10802	0.9621	0.30082
100	5.1496	5.2307	5.284	0.050761	5.1307	5.2436	5.3212	0.062633	-0.0189	0.01295	0.0464	0.020149

Device Test: 14.14 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/0/4.5/1MHz//@IDD_ACT_1M_NOLOAD



Test Results (Upper Limit = 25.0 (mA))

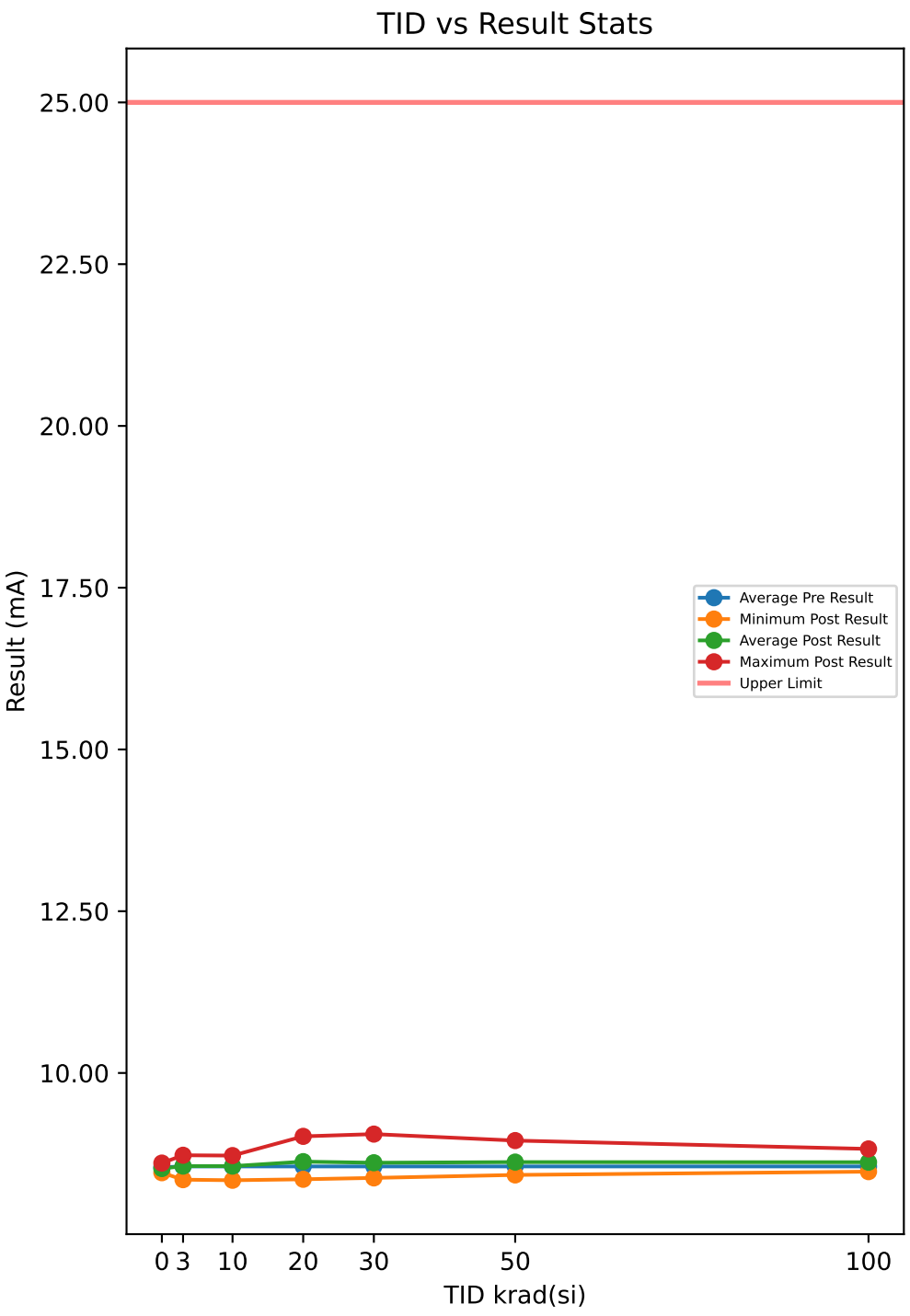
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.944	7.9456	0.0016
2	3	LDR BIAS	8.0295	7.9574	-0.0721
3	3	LDR BIAS	7.9397	8.051	0.1113
4	3	LDR BIAS	7.8408	7.847	0.0062
5	3	LDR BIAS	7.9086	7.9082	-0.0004
6	3	LDR UNBIAS	7.7054	7.7114	0.006
7	3	LDR UNBIAS	7.8296	7.8307	0.0011
8	3	LDR UNBIAS	7.9024	7.9066	0.0042
9	3	LDR UNBIAS	8.0741	8.0697	-0.0044
10	3	LDR UNBIAS	7.9046	7.8952	-0.0094
11	0	CORRELATION	7.9899	7.9611	-0.0288
12	0	CORRELATION	7.8962	7.8793	-0.0169
13	0	CORRELATION	7.8288	7.8126	-0.0162
14	0	CORRELATION	7.8666	7.8569	-0.0097
21	10	LDR BIAS	7.944	7.9389	-0.0051
22	10	LDR BIAS	8.0295	8.0584	0.0289
23	10	LDR BIAS	7.9397	7.9762	0.0365
24	10	LDR BIAS	7.8408	7.8355	-0.0053
25	10	LDR BIAS	7.9086	7.9058	-0.0028
26	10	LDR UNBIAS	7.7054	7.7024	-0.003
27	10	LDR UNBIAS	7.8296	7.8197	-0.0099
28	10	LDR UNBIAS	7.9024	7.9139	0.0115
29	10	LDR UNBIAS	8.0741	8.0638	-0.0103
30	10	LDR UNBIAS	7.9046	7.8949	-0.0097
31	20	LDR BIAS	7.944	7.9966	0.0526
32	20	LDR BIAS	8.0295	8.0439	0.0144
33	20	LDR BIAS	7.9397	8.3258	0.3861
34	20	LDR BIAS	7.8408	7.8439	0.0031
35	20	LDR BIAS	7.9086	7.9912	0.0826
36	20	LDR UNBIAS	7.7054	7.7158	0.0104
37	20	LDR UNBIAS	7.8296	7.8158	-0.0138
38	20	LDR UNBIAS	7.9024	7.9264	0.024
39	20	LDR UNBIAS	8.0741	8.1455	0.0714
40	20	LDR UNBIAS	7.9046	7.8906	-0.014
41	30	LDR BIAS	7.944	7.9621	0.0181
42	30	LDR BIAS	8.0295	8.0704	0.0409
43	30	LDR BIAS	7.9397	8.3576	0.4179
44	30	LDR BIAS	7.8408	7.85	0.0092
45	30	LDR BIAS	7.9086	7.8907	-0.0179
46	30	LDR UNBIAS	7.7054	7.7344	0.029
47	30	LDR UNBIAS	7.8296	7.8197	-0.0099
48	30	LDR UNBIAS	7.9024	7.8949	-0.0075
49	30	LDR UNBIAS	8.0741	8.0744	0.0003
50	30	LDR UNBIAS	7.9046	7.9193	0.0147
51	50	LDR BIAS	7.944	8	0.056
52	50	LDR BIAS	8.0295	8.0975	0.068
53	50	LDR BIAS	7.9397	8.2708	0.3311
54	50	LDR BIAS	7.8408	7.8534	0.0126
55	50	LDR BIAS	7.9086	7.9143	0.0057
56	50	LDR UNBIAS	7.7054	7.7766	0.0712
57	50	LDR UNBIAS	7.8296	7.8029	-0.0267
58	50	LDR UNBIAS	7.9024	7.9134	0.011
59	50	LDR UNBIAS	8.0741	8.1099	0.0358
60	50	LDR UNBIAS	7.9046	7.942	0.0374
61	100	LDR BIAS	7.944	8.0099	0.0659
62	100	LDR BIAS	8.0295	8.1634	0.1339
63	100	LDR BIAS	7.9397	8.0169	0.0772
64	100	LDR BIAS	7.8408	7.9257	0.0849
65	100	LDR BIAS	7.9086	7.9836	0.075
66	100	LDR UNBIAS	7.7054	7.8255	0.1201
67	100	LDR UNBIAS	7.8296	7.8379	0.0083
68	100	LDR UNBIAS	7.9024	7.9485	0.0461
69	100	LDR UNBIAS	8.0741	8.128	0.0539
70	100	LDR UNBIAS	7.9046	7.8249	-0.0797

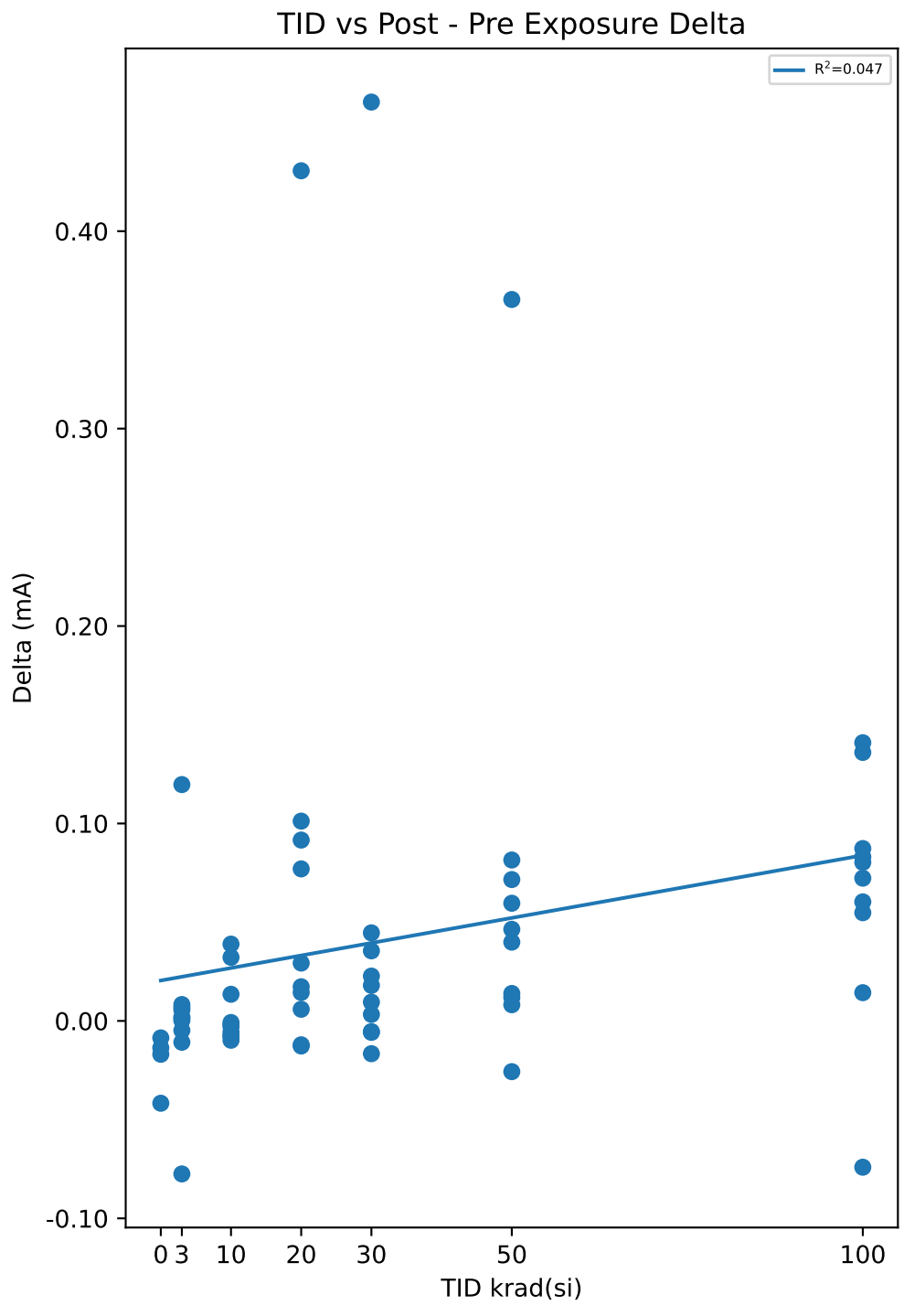


Test Statistics (mA)

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	7.8288	7.8954	7.9899	0.068789	7.8126	7.8775	7.9611	0.062259	-0.0288	-0.0179	-0.0097	0.007957
3	7.7054	7.9079	8.0741	0.1035	7.7114	7.9123	8.0697	0.10476	-0.0721	0.00441	0.1113	0.044216
10	7.7054	7.9079	8.0741	0.1035	7.7024	7.9109	8.0638	0.10952	-0.0103	0.00308	0.0365	0.016911
20	7.7054	7.9079	8.0741	0.1035	7.7158	7.9695	8.3258	0.17528	-0.014	0.06168	0.3861	0.11879
30	7.7054	7.9079	8.0741	0.1035	7.7344	7.9573	8.3576	0.17533	-0.0179	0.04948	0.4179	0.13071
50	7.7054	7.9079	8.0741	0.1035	7.7766	7.9681	8.2708	0.15391	-0.0267	0.06021	0.3311	0.09995
100	7.7054	7.9079	8.0741	0.1035	7.8249	7.9664	8.1634	0.11927	-0.0797	0.05856	0.1339	0.060229

Device Test: 14.15 IDD|SUPPLY CURRENT/IN/5/5/0/0/5/1MHz//@IDD_ACT_1M_NOLOAD





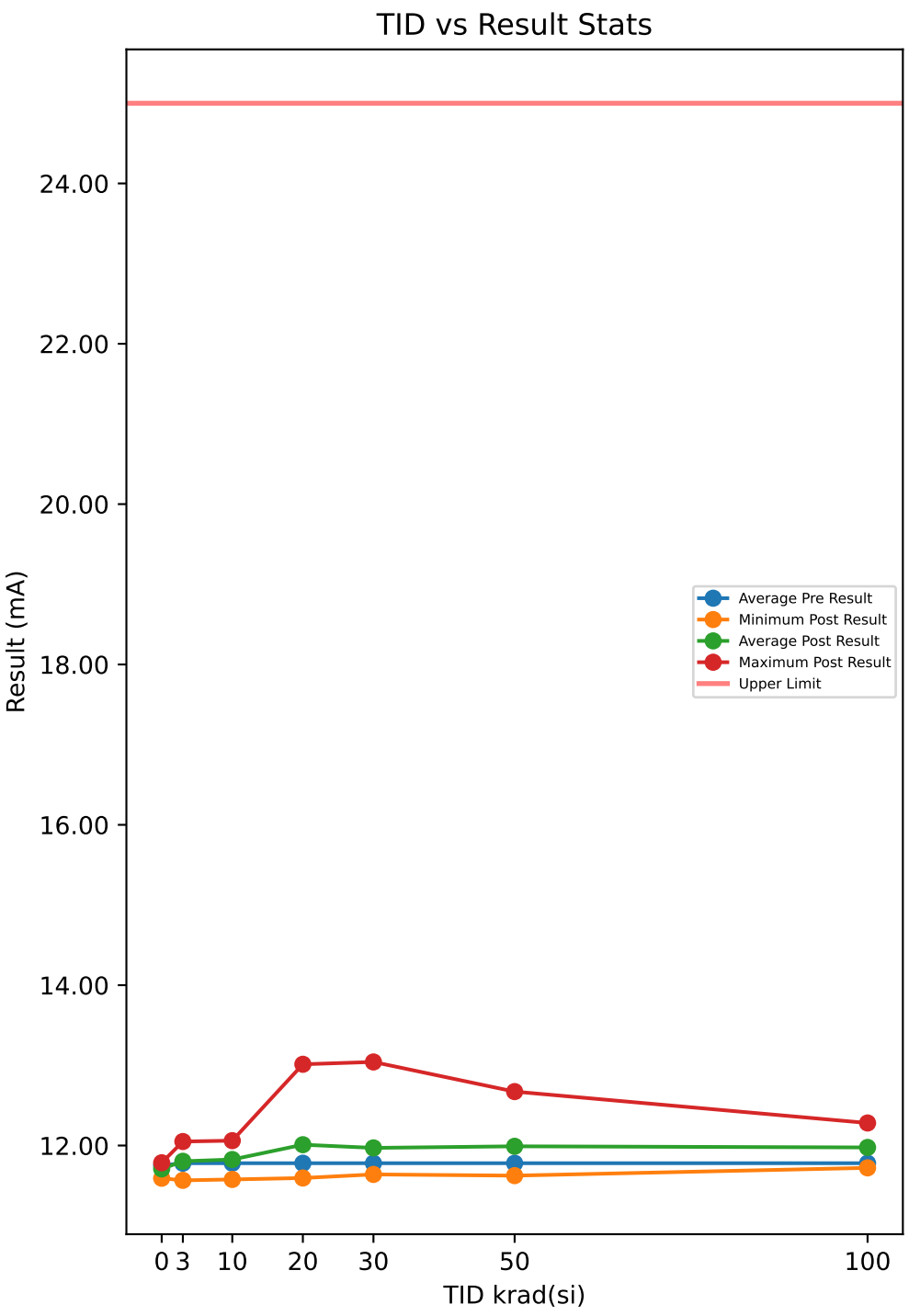
Test Results (Upper Limit = 25.0 (mA))

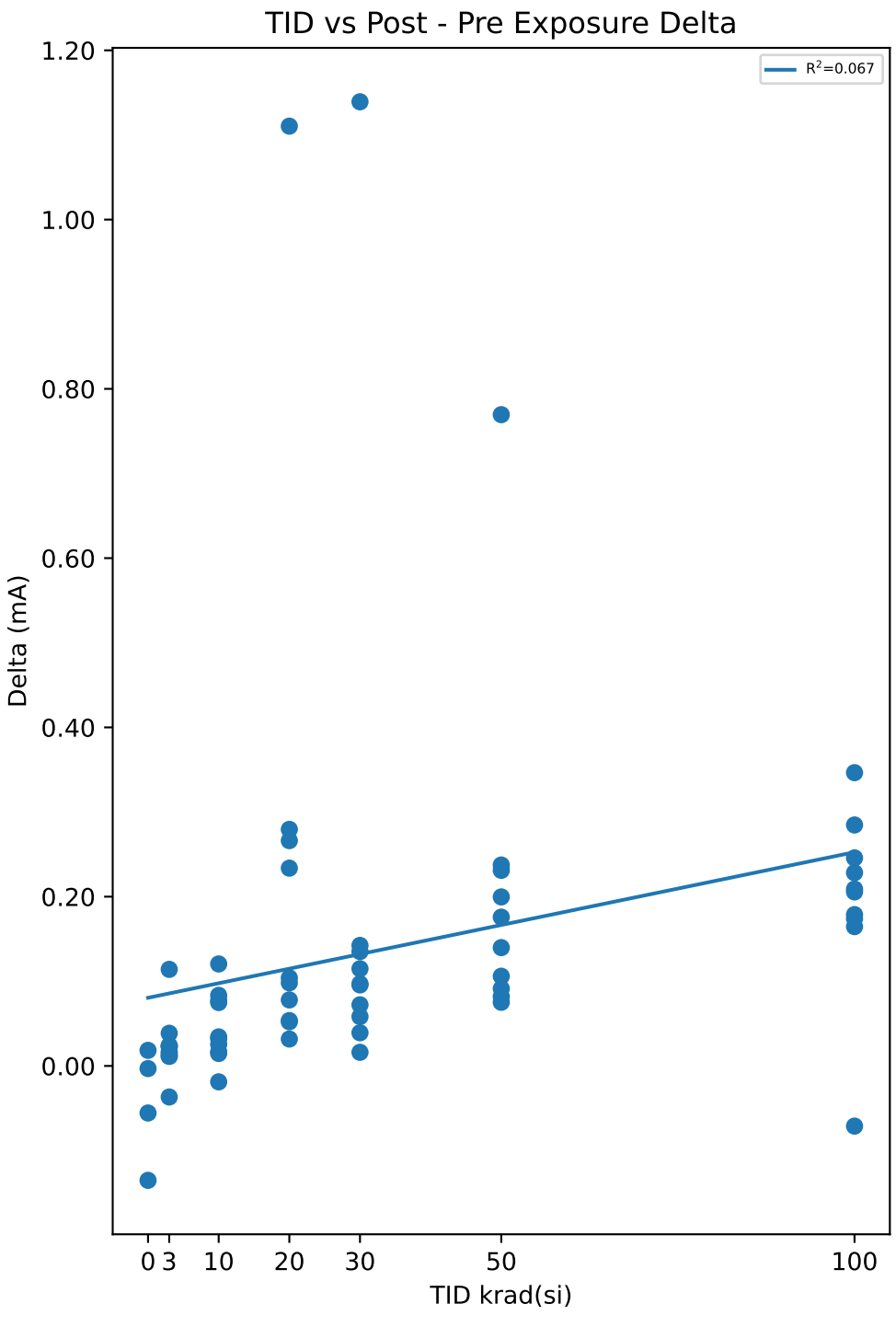
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	8.5937	8.5957	0.002
2	3	LDR BIAS	8.6855	8.608	-0.0775
3	3	LDR BIAS	8.5899	8.7096	0.1197
4	3	LDR BIAS	8.4842	8.491	0.0068
5	3	LDR BIAS	8.5526	8.5528	0.0002
6	3	LDR UNBIAS	8.3428	8.3511	0.0083
7	3	LDR UNBIAS	8.4721	8.4735	0.0014
8	3	LDR UNBIAS	8.5519	8.5575	0.0056
9	3	LDR UNBIAS	8.7333	8.7285	-0.0048
10	3	LDR UNBIAS	8.5492	8.5384	-0.0108
11	0	CORRELATION	8.6491	8.6074	-0.0417
12	0	CORRELATION	8.5411	8.5242	-0.0169
13	0	CORRELATION	8.4722	8.4586	-0.0136
14	0	CORRELATION	8.511	8.5024	-0.0086
21	10	LDR BIAS	8.5937	8.5908	-0.0029
22	10	LDR BIAS	8.6855	8.7177	0.0322
23	10	LDR BIAS	8.5899	8.6288	0.0389
24	10	LDR BIAS	8.4842	8.4785	-0.0057
25	10	LDR BIAS	8.5526	8.5508	-0.0018
26	10	LDR UNBIAS	8.3428	8.342	-0.0008
27	10	LDR UNBIAS	8.4721	8.4647	-0.0074
28	10	LDR UNBIAS	8.5519	8.5654	0.0135
29	10	LDR UNBIAS	8.7333	8.7235	-0.0098
30	10	LDR UNBIAS	8.5492	8.5414	-0.0078
31	20	LDR BIAS	8.5937	8.6707	0.077
32	20	LDR BIAS	8.6855	8.7028	0.0173
33	20	LDR BIAS	8.5899	9.0205	0.4306
34	20	LDR BIAS	8.4842	8.4901	0.0059
35	20	LDR BIAS	8.5526	8.6538	0.1012
36	20	LDR UNBIAS	8.3428	8.3572	0.0144
37	20	LDR UNBIAS	8.4721	8.46	-0.0121
38	20	LDR UNBIAS	8.5519	8.5812	0.0293
39	20	LDR UNBIAS	8.7333	8.8249	0.0916
40	20	LDR UNBIAS	8.5492	8.5365	-0.0127
41	30	LDR BIAS	8.5937	8.6164	0.0227
42	30	LDR BIAS	8.6855	8.7301	0.0446
43	30	LDR BIAS	8.5899	9.0553	0.4654
44	30	LDR BIAS	8.4842	8.4937	0.0095
45	30	LDR BIAS	8.5526	8.536	-0.0166
46	30	LDR UNBIAS	8.3428	8.3783	0.0355
47	30	LDR UNBIAS	8.4721	8.4663	-0.0058
48	30	LDR UNBIAS	8.5519	8.5465	-0.0054
49	30	LDR UNBIAS	8.7333	8.7366	0.0033
50	30	LDR UNBIAS	8.5492	8.5672	0.018
51	50	LDR BIAS	8.5937	8.6533	0.0596
52	50	LDR BIAS	8.6855	8.7571	0.0716
53	50	LDR BIAS	8.5899	8.9553	0.3654
54	50	LDR BIAS	8.4842	8.4961	0.0119
55	50	LDR BIAS	8.5526	8.5608	0.0082
56	50	LDR UNBIAS	8.3428	8.4243	0.0815
57	50	LDR UNBIAS	8.4721	8.4464	-0.0257
58	50	LDR UNBIAS	8.5519	8.5658	0.0139
59	50	LDR UNBIAS	8.7333	8.7797	0.0464
60	50	LDR UNBIAS	8.5492	8.5891	0.0399
61	100	LDR BIAS	8.5937	8.666	0.0723
62	100	LDR BIAS	8.6855	8.8264	0.1409
63	100	LDR BIAS	8.5899	8.6702	0.0803
64	100	LDR BIAS	8.4842	8.5715	0.0873
65	100	LDR BIAS	8.5526	8.6357	0.0831
66	100	LDR UNBIAS	8.3428	8.4788	0.136
67	100	LDR UNBIAS	8.4721	8.4864	0.0143
68	100	LDR UNBIAS	8.5519	8.6067	0.0548
69	100	LDR UNBIAS	8.7333	8.7936	0.0603
70	100	LDR UNBIAS	8.5492	8.4751	-0.0741

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	8.4722	8.5434	8.6491	0.075932	8.4586	8.5232	8.6074	0.06244	-0.0417	-0.0202	-0.0086	0.014734
3	8.3428	8.5555	8.7333	0.1098	8.3511	8.5606	8.7285	0.11093	-0.0775	0.00509	0.1197	0.047572
10	8.3428	8.5555	8.7333	0.1098	8.342	8.5604	8.7235	0.11595	-0.0098	0.00484	0.0389	0.017494
20	8.3428	8.5555	8.7333	0.1098	8.3572	8.6298	9.0205	0.19207	-0.0127	0.07425	0.4306	0.13189
30	8.3428	8.5555	8.7333	0.1098	8.3783	8.6126	9.0553	0.19088	-0.0166	0.05712	0.4654	0.14472
50	8.3428	8.5555	8.7333	0.1098	8.4243	8.6228	8.9553	0.16631	-0.0257	0.06727	0.3654	0.10974
100	8.3428	8.5555	8.7333	0.1098	8.4751	8.621	8.8264	0.12424	-0.0741	0.06552	0.1409	0.061425

Device Test: 14.16 IDD|SUPPLY CURRENT/IN/12/12/0/0/5/1MHz//@IDD_ACT_1M_NOLOAD





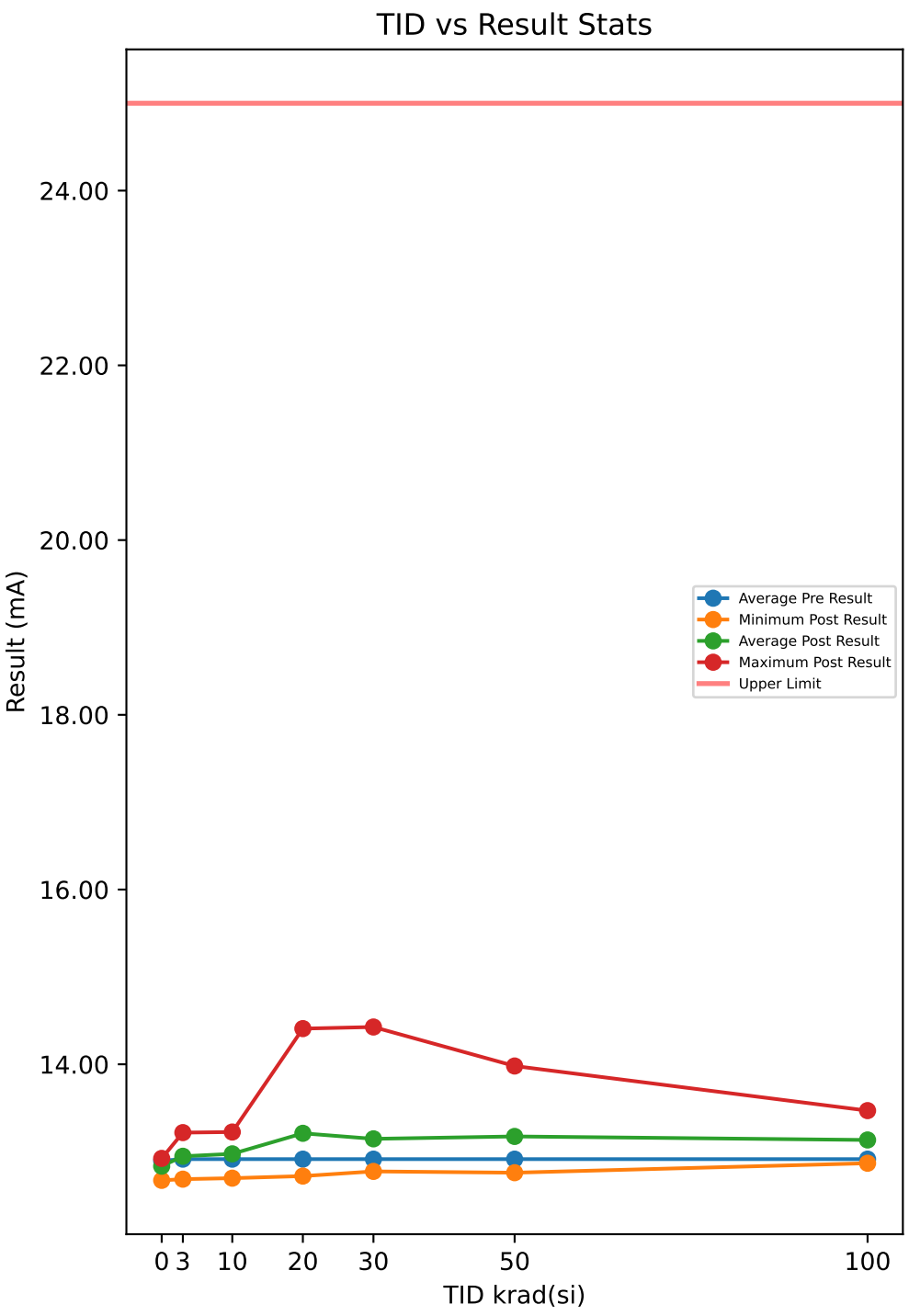
Test Results (Upper Limit = 25.0 (mA))

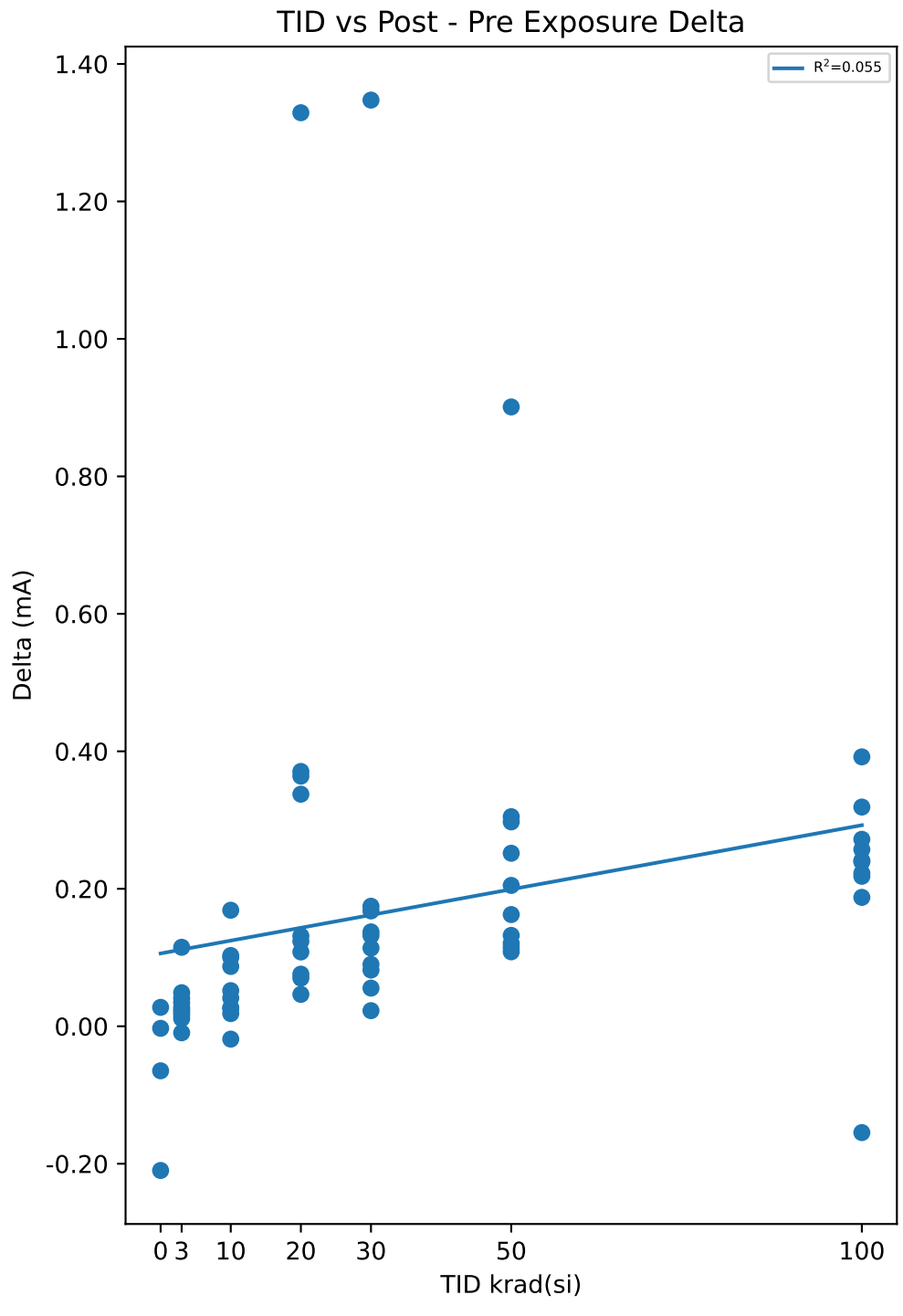
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	11.822	11.833	0.0116
2	3	LDR BIAS	11.94	11.903	-0.0367
3	3	LDR BIAS	11.903	12.017	0.1141
4	3	LDR BIAS	11.642	11.653	0.0113
5	3	LDR BIAS	11.836	11.853	0.0166
6	3	LDR UNBIAS	11.55	11.588	0.0386
7	3	LDR UNBIAS	11.543	11.566	0.0231
8	3	LDR UNBIAS	11.806	11.829	0.023
9	3	LDR UNBIAS	12.035	12.05	0.0145
10	3	LDR UNBIAS	11.719	11.743	0.0242
11	0	CORRELATION	11.92	11.785	-0.1352
12	0	CORRELATION	11.648	11.592	-0.0556
13	0	CORRELATION	11.755	11.752	-0.0031
14	0	CORRELATION	11.686	11.704	0.0184
21	10	LDR BIAS	11.822	11.838	0.0167
22	10	LDR BIAS	11.94	12.023	0.0834
23	10	LDR BIAS	11.903	11.978	0.0749
24	10	LDR BIAS	11.642	11.623	-0.0188
25	10	LDR BIAS	11.836	11.851	0.0147
26	10	LDR UNBIAS	11.55	11.627	0.0771
27	10	LDR UNBIAS	11.543	11.577	0.0343
28	10	LDR UNBIAS	11.806	11.838	0.0322
29	10	LDR UNBIAS	12.035	12.061	0.0254
30	10	LDR UNBIAS	11.719	11.839	0.1205
31	20	LDR BIAS	11.822	12.055	0.2337
32	20	LDR BIAS	11.94	11.993	0.0536
33	20	LDR BIAS	11.903	13.013	1.1104
34	20	LDR BIAS	11.642	11.674	0.0318
35	20	LDR BIAS	11.836	12.102	0.2662
36	20	LDR UNBIAS	11.55	11.654	0.1041
37	20	LDR UNBIAS	11.543	11.595	0.0522
38	20	LDR UNBIAS	11.806	11.904	0.0982
39	20	LDR UNBIAS	12.035	12.315	0.2795
40	20	LDR UNBIAS	11.719	11.797	0.078
41	30	LDR BIAS	11.822	11.894	0.0722
42	30	LDR BIAS	11.94	12.055	0.1148
43	30	LDR BIAS	11.903	13.042	1.1392
44	30	LDR BIAS	11.642	11.658	0.0161
45	30	LDR BIAS	11.836	11.876	0.0392
46	30	LDR UNBIAS	11.55	11.692	0.1424
47	30	LDR UNBIAS	11.543	11.64	0.0971
48	30	LDR UNBIAS	11.806	11.864	0.0583
49	30	LDR UNBIAS	12.035	12.131	0.0957
50	30	LDR UNBIAS	11.719	11.854	0.1351
51	50	LDR BIAS	11.822	11.961	0.1398
52	50	LDR BIAS	11.94	12.116	0.1758
53	50	LDR BIAS	11.903	12.672	0.7695
54	50	LDR BIAS	11.642	11.717	0.0752
55	50	LDR BIAS	11.836	11.928	0.0913
56	50	LDR UNBIAS	11.55	11.787	0.2374
57	50	LDR UNBIAS	11.543	11.624	0.082
58	50	LDR UNBIAS	11.806	11.912	0.106
59	50	LDR UNBIAS	12.035	12.266	0.2311
60	50	LDR UNBIAS	11.719	11.918	0.1997
61	100	LDR BIAS	11.822	12.03	0.209
62	100	LDR BIAS	11.94	12.224	0.2847
63	100	LDR BIAS	11.903	11.832	-0.0711
64	100	LDR BIAS	11.642	11.807	0.1646
65	100	LDR BIAS	11.836	12.065	0.2283
66	100	LDR UNBIAS	11.55	11.896	0.3465
67	100	LDR UNBIAS	11.543	11.721	0.1788
68	100	LDR UNBIAS	11.806	12.011	0.2056
69	100	LDR UNBIAS	12.035	12.281	0.2458
70	100	LDR UNBIAS	11.719	11.893	0.174

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	11.648	11.752	11.92	0.12046	11.592	11.708	11.785	0.084307	-0.1352	-0.043875	0.0184	0.068358
3	11.543	11.779	12.035	0.16453	11.566	11.803	12.05	0.16644	-0.0367	0.02403	0.1141	0.037234
10	11.543	11.779	12.035	0.16453	11.577	11.825	12.061	0.17029	-0.0188	0.04604	0.1205	0.041554
20	11.543	11.779	12.035	0.16453	11.595	12.01	13.013	0.41896	0.0318	0.23077	1.1104	0.3227
30	11.543	11.779	12.035	0.16453	11.64	11.97	13.042	0.40904	0.0161	0.19101	1.1392	0.3356
50	11.543	11.779	12.035	0.16453	11.624	11.99	12.672	0.30241	0.0752	0.21078	0.7695	0.20545
100	11.543	11.779	12.035	0.16453	11.721	11.976	12.281	0.18089	-0.0711	0.19662	0.3465	0.10924

Device Test: 14.17 IDD|SUPPLY CURRENT/IN/14/14/0/0/5/1MHz//@IDD_ACT_1M_NOLOAD





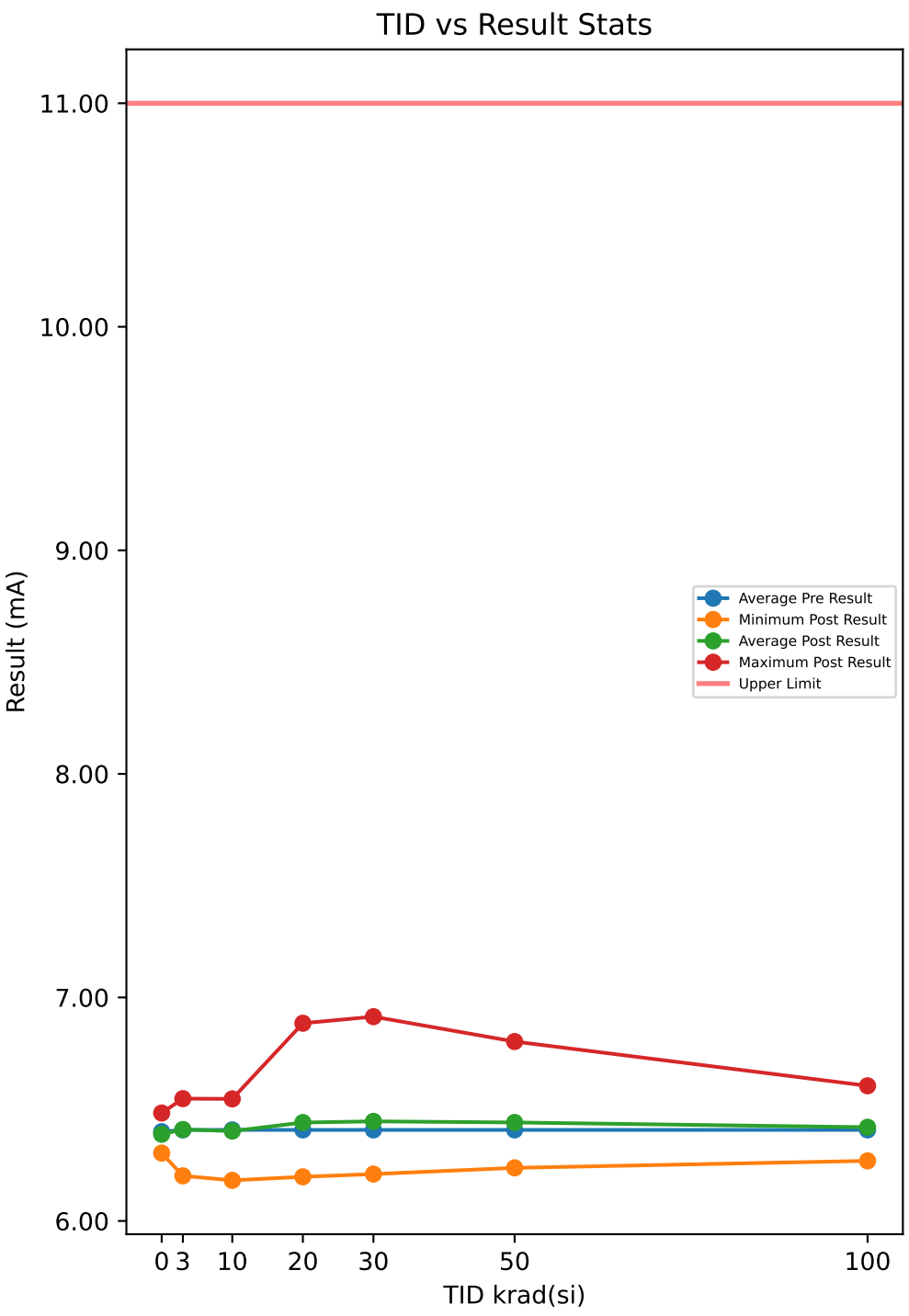
Test Results (Upper Limit = 25.0 (mA))

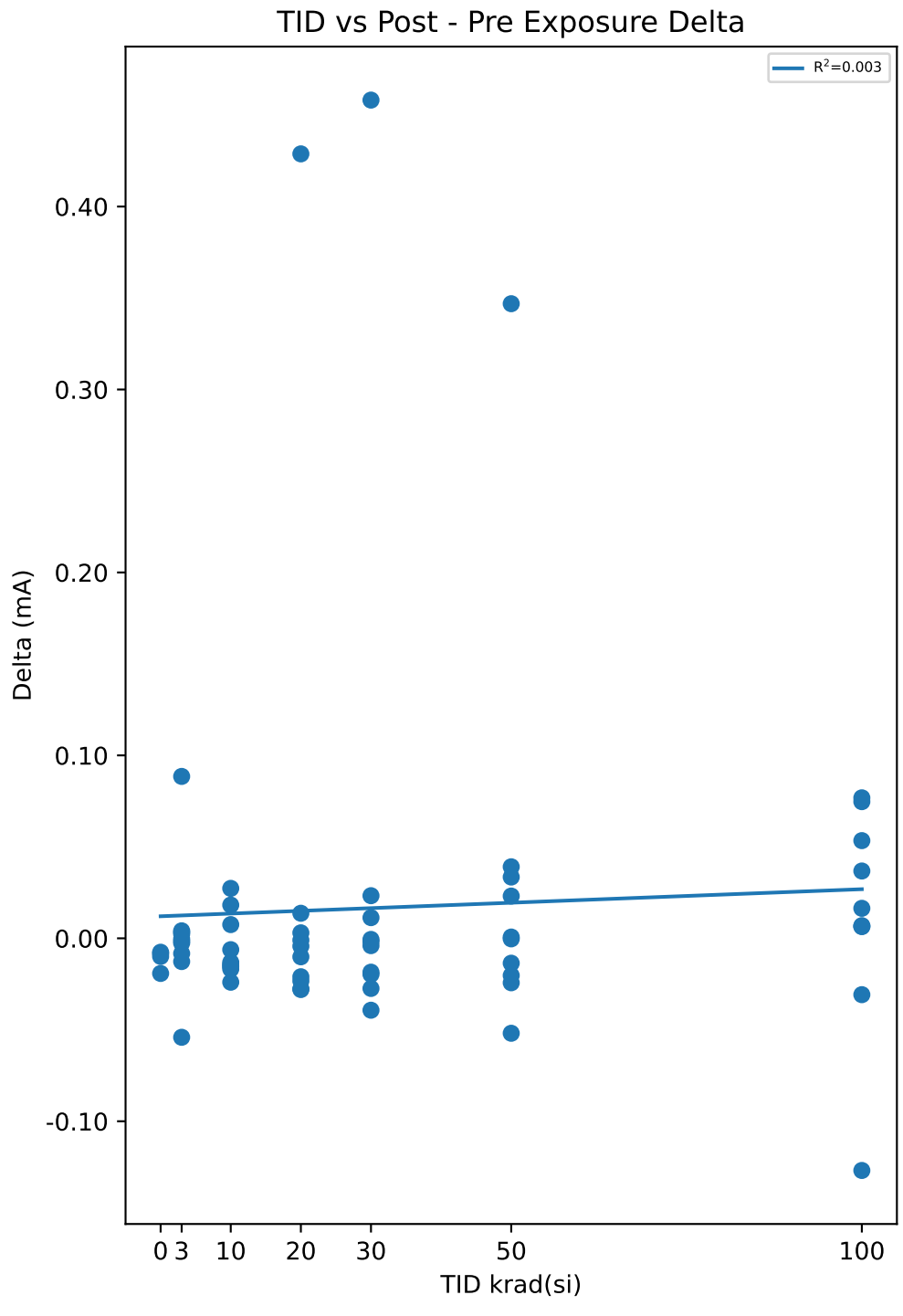
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	12.955	12.971	0.0164
2	3	LDR BIAS	13.083	13.074	-0.0095
3	3	LDR BIAS	13.079	13.194	0.1149
4	3	LDR BIAS	12.751	12.762	0.0112
5	3	LDR BIAS	12.995	13.019	0.0239
6	3	LDR UNBIAS	12.653	12.702	0.0488
7	3	LDR UNBIAS	12.645	12.685	0.0405
8	3	LDR UNBIAS	12.961	12.989	0.0277
9	3	LDR UNBIAS	13.198	13.218	0.0204
10	3	LDR UNBIAS	12.824	12.858	0.0343
11	0	CORRELATION	13.121	12.911	-0.2098
12	0	CORRELATION	12.736	12.671	-0.0648
13	0	CORRELATION	12.926	12.923	-0.003
14	0	CORRELATION	12.801	12.829	0.0275
21	10	LDR BIAS	12.955	12.981	0.0261
22	10	LDR BIAS	13.083	13.186	0.1029
23	10	LDR BIAS	13.079	13.166	0.087
24	10	LDR BIAS	12.751	12.732	-0.0187
25	10	LDR BIAS	12.995	13.013	0.0184
26	10	LDR UNBIAS	12.653	12.753	0.1001
27	10	LDR UNBIAS	12.645	12.696	0.0518
28	10	LDR UNBIAS	12.961	13.002	0.041
29	10	LDR UNBIAS	13.198	13.225	0.027
30	10	LDR UNBIAS	12.824	12.993	0.1688
31	20	LDR BIAS	12.955	13.292	0.3376
32	20	LDR BIAS	13.083	13.153	0.07
33	20	LDR BIAS	13.079	14.408	1.329
34	20	LDR BIAS	12.751	12.798	0.0464
35	20	LDR BIAS	12.995	13.359	0.3639
36	20	LDR UNBIAS	12.653	12.784	0.1313
37	20	LDR UNBIAS	12.645	12.72	0.0758
38	20	LDR UNBIAS	12.961	13.084	0.1235
39	20	LDR UNBIAS	13.198	13.568	0.3707
40	20	LDR UNBIAS	12.824	12.932	0.1081
41	30	LDR BIAS	12.955	13.045	0.09
42	30	LDR BIAS	13.083	13.221	0.1373
43	30	LDR BIAS	13.079	14.427	1.3474
44	30	LDR BIAS	12.751	12.774	0.0227
45	30	LDR BIAS	12.995	13.05	0.0555
46	30	LDR UNBIAS	12.653	12.827	0.1746
47	30	LDR UNBIAS	12.645	12.777	0.132
48	30	LDR UNBIAS	12.961	13.043	0.0818
49	30	LDR UNBIAS	13.198	13.311	0.1138
50	30	LDR UNBIAS	12.824	12.992	0.1678
51	50	LDR BIAS	12.955	13.117	0.1625
52	50	LDR BIAS	13.083	13.288	0.2049
53	50	LDR BIAS	13.079	13.98	0.901
54	50	LDR BIAS	12.751	12.872	0.1207
55	50	LDR BIAS	12.995	13.103	0.1083
56	50	LDR UNBIAS	12.653	12.95	0.2973
57	50	LDR UNBIAS	12.645	12.759	0.1144
58	50	LDR UNBIAS	12.961	13.093	0.1322
59	50	LDR UNBIAS	13.198	13.502	0.3049
60	50	LDR UNBIAS	12.824	13.076	0.2517
61	100	LDR BIAS	12.955	13.196	0.2412
62	100	LDR BIAS	13.083	13.402	0.3189
63	100	LDR BIAS	13.079	12.925	-0.1547
64	100	LDR BIAS	12.751	12.939	0.1875
65	100	LDR BIAS	12.995	13.252	0.2572
66	100	LDR UNBIAS	12.653	13.045	0.3919
67	100	LDR UNBIAS	12.645	12.867	0.2227
68	100	LDR UNBIAS	12.961	13.2	0.2392
69	100	LDR UNBIAS	13.198	13.47	0.272
70	100	LDR UNBIAS	12.824	13.042	0.2182

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	12.736	12.896	13.121	0.16919	12.671	12.834	12.923	0.11582	-0.2098	-0.062525	0.0275	0.10542
3	12.645	12.914	13.198	0.18922	12.685	12.947	13.218	0.19115	-0.0095	0.03286	0.1149	0.033068
10	12.645	12.914	13.198	0.18922	12.696	12.975	13.225	0.19202	-0.0187	0.06044	0.1688	0.054369
20	12.645	12.914	13.198	0.18922	12.72	13.21	14.408	0.50338	0.0464	0.29563	1.329	0.38486
30	12.645	12.914	13.198	0.18922	12.774	13.147	14.427	0.48344	0.0227	0.23229	1.3474	0.39471
50	12.645	12.914	13.198	0.18922	12.759	13.174	13.98	0.35106	0.1083	0.25979	0.901	0.23731
100	12.645	12.914	13.198	0.18922	12.867	13.134	13.47	0.20447	-0.1547	0.21941	0.3919	0.14364

Device Test: 14.2 IDD|SUPPLY CURRENT/IN/5/5/0/0/5/100kHz//@IDD_ACT_100K_NOLOAD





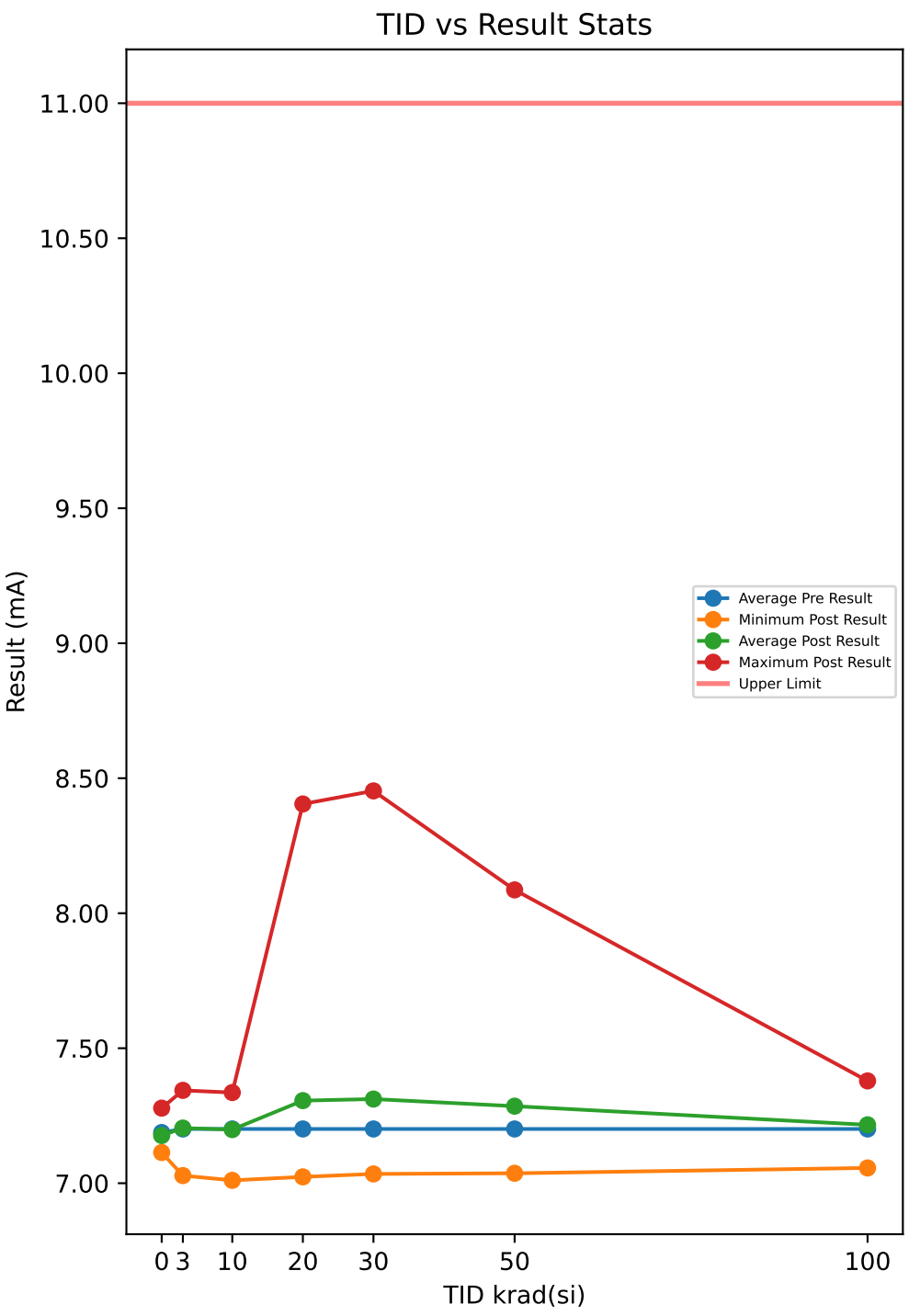
Test Results (Upper Limit = 11.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.4483	6.4457	-0.0026
2	3	LDR BIAS	6.5279	6.4738	-0.0541
3	3	LDR BIAS	6.4557	6.5442	0.0885
4	3	LDR BIAS	6.337	6.3411	0.0041
5	3	LDR BIAS	6.4035	6.4019	-0.0016
6	3	LDR UNBIAS	6.1985	6.2019	0.0034
7	3	LDR UNBIAS	6.341	6.3406	-0.0004
8	3	LDR UNBIAS	6.4102	6.4126	0.0024
9	3	LDR UNBIAS	6.5555	6.5472	-0.0083
10	3	LDR UNBIAS	6.3958	6.3831	-0.0127
11	0	CORRELATION	6.4906	6.483	-0.0076
12	0	CORRELATION	6.4078	6.3995	-0.0083
13	0	CORRELATION	6.3229	6.3037	-0.0192
14	0	CORRELATION	6.3759	6.366	-0.0099
21	10	LDR BIAS	6.4483	6.4327	-0.0156
22	10	LDR BIAS	6.5279	6.5461	0.0182
23	10	LDR BIAS	6.4557	6.483	0.0273
24	10	LDR BIAS	6.337	6.3239	-0.0131
25	10	LDR BIAS	6.4035	6.3973	-0.0062
26	10	LDR UNBIAS	6.1985	6.1817	-0.0168
27	10	LDR UNBIAS	6.341	6.326	-0.015
28	10	LDR UNBIAS	6.4102	6.4177	0.0075
29	10	LDR UNBIAS	6.5555	6.5413	-0.0142
30	10	LDR UNBIAS	6.3958	6.3718	-0.024
31	20	LDR BIAS	6.4483	6.4273	-0.021
32	20	LDR BIAS	6.5279	6.5309	0.003
33	20	LDR BIAS	6.4557	6.8845	0.4288
34	20	LDR BIAS	6.337	6.3269	-0.0101
35	20	LDR BIAS	6.4035	6.3755	-0.028
36	20	LDR UNBIAS	6.1985	6.1975	-0.001
37	20	LDR UNBIAS	6.341	6.3177	-0.0233
38	20	LDR UNBIAS	6.4102	6.4239	0.0137
39	20	LDR UNBIAS	6.5555	6.5512	-0.0043
40	20	LDR UNBIAS	6.3958	6.3682	-0.0276
41	30	LDR BIAS	6.4483	6.4477	-0.0006
42	30	LDR BIAS	6.5279	6.5512	0.0233
43	30	LDR BIAS	6.4557	6.9139	0.4582
44	30	LDR BIAS	6.337	6.3352	-0.0018
45	30	LDR BIAS	6.4035	6.3642	-0.0393
46	30	LDR UNBIAS	6.1985	6.2098	0.0113
47	30	LDR UNBIAS	6.341	6.3136	-0.0274
48	30	LDR UNBIAS	6.4102	6.3905	-0.0197
49	30	LDR UNBIAS	6.5555	6.537	-0.0185
50	30	LDR UNBIAS	6.3958	6.3918	-0.004
51	50	LDR BIAS	6.4483	6.4714	0.0231
52	50	LDR BIAS	6.5279	6.5614	0.0335
53	50	LDR BIAS	6.4557	6.8026	0.3469
54	50	LDR BIAS	6.337	6.3167	-0.0203
55	50	LDR BIAS	6.4035	6.3792	-0.0243
56	50	LDR UNBIAS	6.1985	6.2376	0.0391
57	50	LDR UNBIAS	6.341	6.2891	-0.0519
58	50	LDR UNBIAS	6.4102	6.3966	-0.0136
59	50	LDR UNBIAS	6.5555	6.5552	-0.0003
60	50	LDR UNBIAS	6.3958	6.3965	0.0007
61	100	LDR BIAS	6.4483	6.4552	0.0069
62	100	LDR BIAS	6.5279	6.6047	0.0768
63	100	LDR BIAS	6.4557	6.5091	0.0534
64	100	LDR BIAS	6.337	6.3738	0.0368
65	100	LDR BIAS	6.4035	6.4199	0.0164
66	100	LDR UNBIAS	6.1985	6.2732	0.0747
67	100	LDR UNBIAS	6.341	6.3102	-0.0308
68	100	LDR UNBIAS	6.4102	6.4166	0.0064
69	100	LDR UNBIAS	6.5555	6.5621	0.0066
70	100	LDR UNBIAS	6.3958	6.2689	-0.1269

Test Statistics (mA)

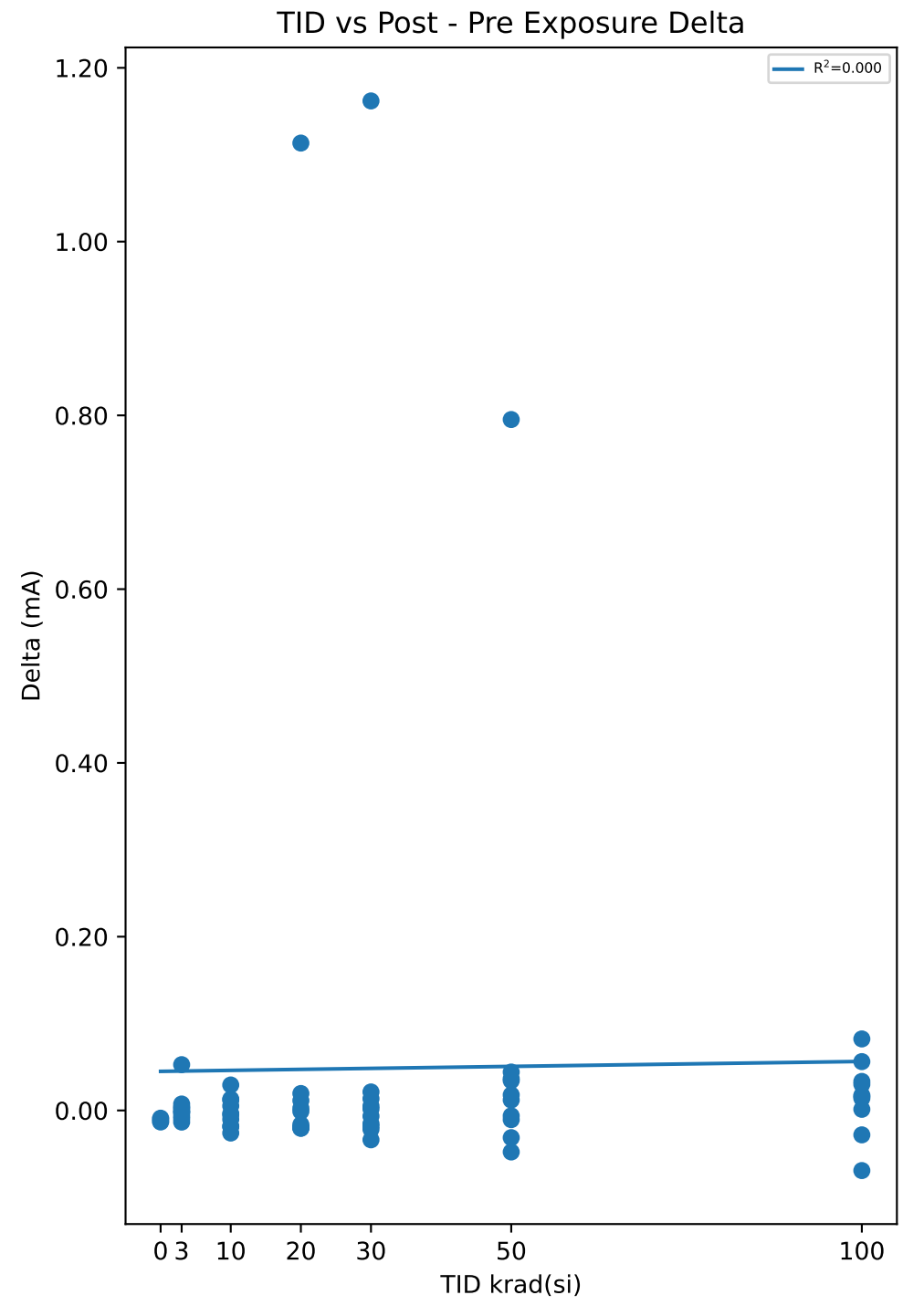
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.3229	6.3993	6.4906	0.07022	6.3037	6.388	6.483	0.074717	-0.0192	-0.01125	-0.0076	0.0053867
3	6.1985	6.4073	6.5555	0.10199	6.2019	6.4092	6.5472	0.10319	-0.0541	0.00187	0.0885	0.034957
10	6.1985	6.4073	6.5555	0.10199	6.1817	6.4022	6.5461	0.11018	-0.024	-0.00519	0.0273	0.017002
20	6.1985	6.4073	6.5555	0.10199	6.1975	6.4404	6.8845	0.18693	-0.028	0.03302	0.4288	0.13977
30	6.1985	6.4073	6.5555	0.10199	6.2098	6.4455	6.9139	0.19339	-0.0393	0.03815	0.4582	0.14874
50	6.1985	6.4073	6.5555	0.10199	6.2376	6.4406	6.8026	0.16562	-0.0519	0.03329	0.3469	0.11369
100	6.1985	6.4073	6.5555	0.10199	6.2689	6.4194	6.6047	0.11646	-0.1269	0.01203	0.0768	0.059339

Device Test: 14.3 IDD|SUPPLY CURRENT/IN/12/12/0/0/5/100kHz//@IDD_ACT_100K_NOLOAD



Test Results (Upper Limit = 11.0 (mA))

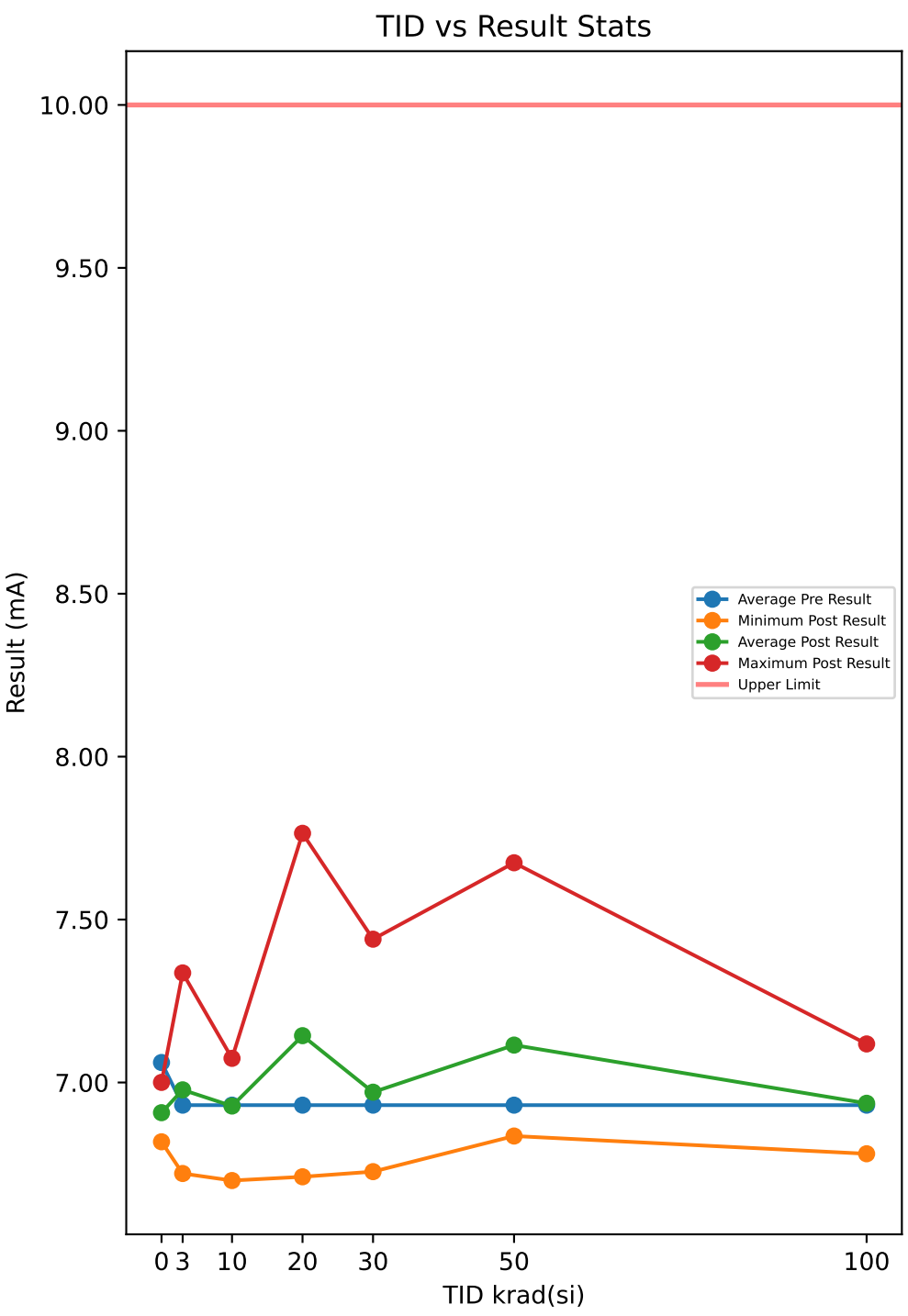
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.2695	7.267	-0.0025
2	3	LDR BIAS	7.3227	7.3093	-0.0134
3	3	LDR BIAS	7.2912	7.3439	0.0527
4	3	LDR BIAS	7.0962	7.0991	0.0029
5	3	LDR BIAS	7.2058	7.204	-0.0018
6	3	LDR UNBIAS	7.0209	7.0283	0.0074
7	3	LDR UNBIAS	7.0846	7.0843	-0.0003
8	3	LDR UNBIAS	7.2264	7.2302	0.0038
9	3	LDR UNBIAS	7.3232	7.3167	-0.0065
10	3	LDR UNBIAS	7.1686	7.1591	-0.0095
11	0	CORRELATION	7.2877	7.2781	-0.0096
12	0	CORRELATION	7.1706	7.1581	-0.0125
13	0	CORRELATION	7.127	7.1137	-0.0133
14	0	CORRELATION	7.1657	7.1568	-0.0089
21	10	LDR BIAS	7.2695	7.2514	-0.0181
22	10	LDR BIAS	7.3227	7.3358	0.0131
23	10	LDR BIAS	7.2912	7.3205	0.0293
24	10	LDR BIAS	7.0962	7.0702	-0.026
25	10	LDR BIAS	7.2058	7.2023	-0.0035
26	10	LDR UNBIAS	7.0209	7.0106	-0.0103
27	10	LDR UNBIAS	7.0846	7.066	-0.0186
28	10	LDR UNBIAS	7.2264	7.2316	0.0052
29	10	LDR UNBIAS	7.3232	7.3181	-0.0051
30	10	LDR UNBIAS	7.1686	7.1806	0.012
31	20	LDR BIAS	7.2695	7.2493	-0.0202
32	20	LDR BIAS	7.3227	7.3216	-0.0011
33	20	LDR BIAS	7.2912	8.4046	1.1134
34	20	LDR BIAS	7.0962	7.08	-0.0162
35	20	LDR BIAS	7.2058	7.187	-0.0188
36	20	LDR UNBIAS	7.0209	7.0235	0.0026
37	20	LDR UNBIAS	7.0846	7.064	-0.0206
38	20	LDR UNBIAS	7.2264	7.2459	0.0195
39	20	LDR UNBIAS	7.3232	7.3346	0.0114
40	20	LDR UNBIAS	7.1686	7.1486	-0.02
41	30	LDR BIAS	7.2695	7.2712	0.0017
42	30	LDR BIAS	7.3227	7.344	0.0213
43	30	LDR BIAS	7.2912	8.4531	1.1619
44	30	LDR BIAS	7.0962	7.081	-0.0152
45	30	LDR BIAS	7.2058	7.172	-0.0338
46	30	LDR UNBIAS	7.0209	7.0344	0.0135
47	30	LDR UNBIAS	7.0846	7.0629	-0.0217
48	30	LDR UNBIAS	7.2264	7.2082	-0.0182
49	30	LDR UNBIAS	7.3232	7.3166	-0.0066
50	30	LDR UNBIAS	7.1686	7.1737	0.0051
51	50	LDR BIAS	7.2695	7.3061	0.0366
52	50	LDR BIAS	7.3227	7.357	0.0343
53	50	LDR BIAS	7.2912	8.0864	0.7952
54	50	LDR BIAS	7.0962	7.0649	-0.0313
55	50	LDR BIAS	7.2058	7.1952	-0.0106
56	50	LDR UNBIAS	7.0209	7.0651	0.0442
57	50	LDR UNBIAS	7.0846	7.0368	-0.0478
58	50	LDR UNBIAS	7.2264	7.2202	-0.0062
59	50	LDR UNBIAS	7.3232	7.3411	0.0179
60	50	LDR UNBIAS	7.1686	7.1806	0.012
61	100	LDR BIAS	7.2695	7.2835	0.014
62	100	LDR BIAS	7.3227	7.3789	0.0562
63	100	LDR BIAS	7.2912	7.3246	0.0334
64	100	LDR BIAS	7.0962	7.0975	0.0013
65	100	LDR BIAS	7.2058	7.2232	0.0174
66	100	LDR UNBIAS	7.0209	7.1032	0.0823
67	100	LDR UNBIAS	7.0846	7.0565	-0.0281
68	100	LDR UNBIAS	7.2264	7.2426	0.0162
69	100	LDR UNBIAS	7.3232	7.3533	0.0301
70	100	LDR UNBIAS	7.1686	7.0994	-0.0692

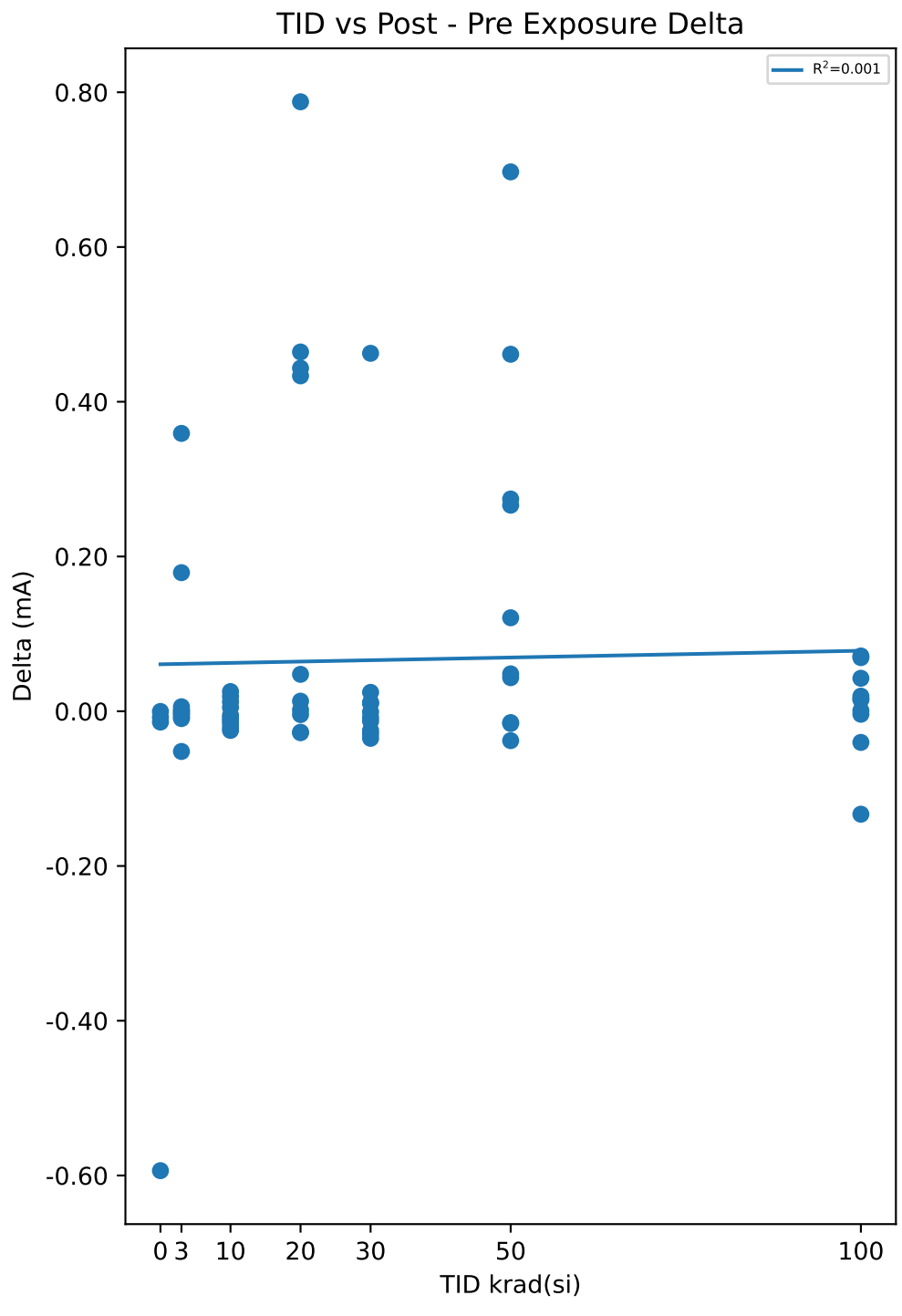


Test Statistics (mA)

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	7.127	7.1878	7.2877	0.069428	7.1137	7.1767	7.2781	0.070694	-0.0133	-0.011075	-0.0089	0.0021515
3	7.0209	7.2009	7.3232	0.10607	7.0283	7.2042	7.3439	0.10865	-0.0134	0.00328	0.0527	0.018466
10	7.0209	7.2009	7.3232	0.10607	7.0106	7.1987	7.3358	0.11623	-0.026	-0.0022	0.0293	0.017149
20	7.0209	7.2009	7.3232	0.10607	7.0235	7.3059	8.4046	0.40044	-0.0206	0.105	1.1134	0.35462
30	7.0209	7.2009	7.3232	0.10607	7.0344	7.3117	8.4531	0.41457	-0.0338	0.1108	1.1619	0.3697
50	7.0209	7.2009	7.3232	0.10607	7.0368	7.2853	8.0864	0.30415	-0.0478	0.08443	0.7952	0.25153
100	7.0209	7.2009	7.3232	0.10607	7.0565	7.2163	7.3789	0.1194	-0.0692	0.01536	0.0823	0.042078

Device Test: 14.30 IDD|SUPPLY CURRENT/IN/5/12/0/1000/5/100kHz//@IDD_ACT_100K_LOAD_LDO





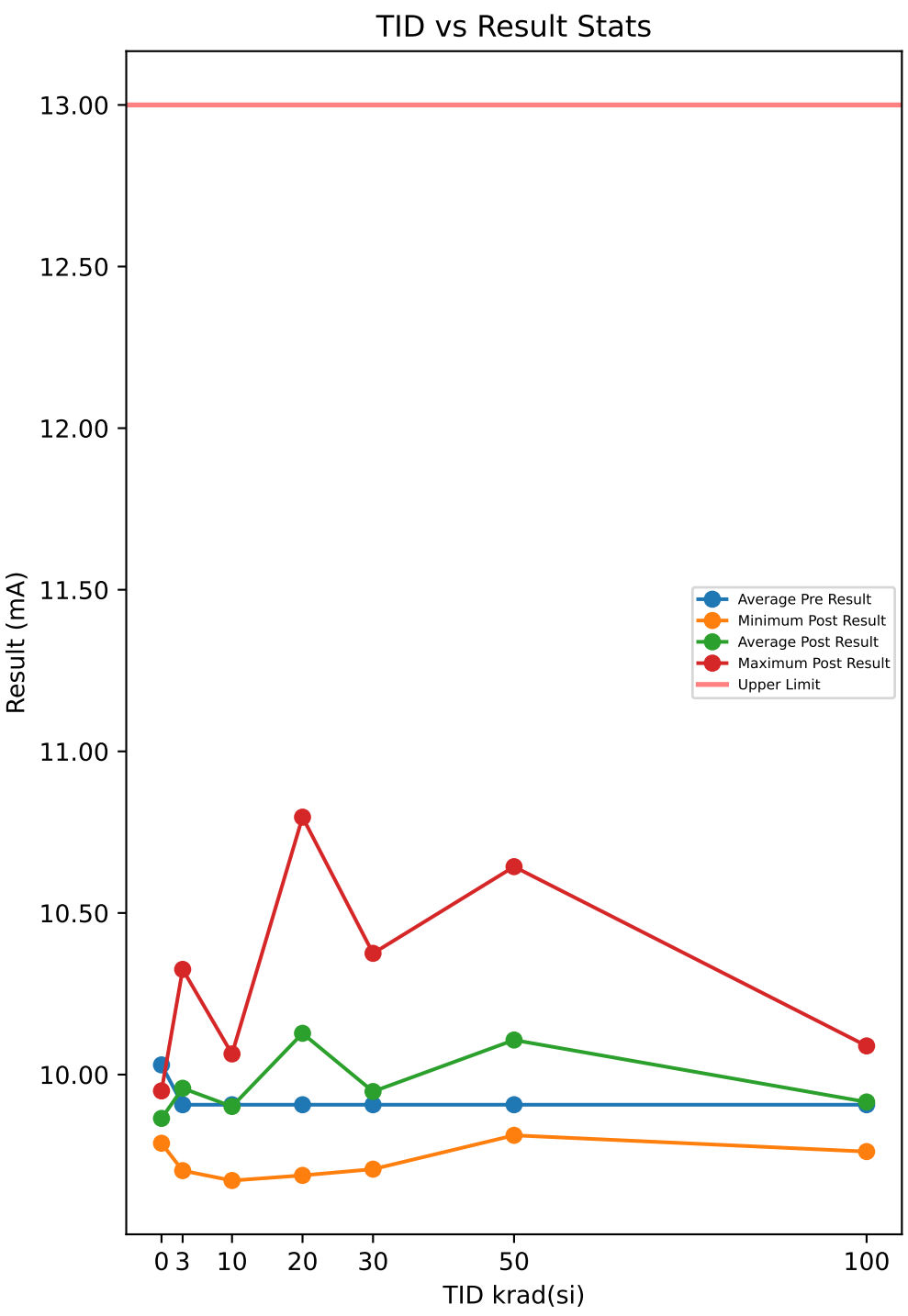
Test Results (Upper Limit = 10.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.977	6.9786	0.0016
2	3	LDR BIAS	7.0469	6.9949	-0.052
3	3	LDR BIAS	6.9772	7.3363	0.3591
4	3	LDR BIAS	6.8526	6.8483	-0.0043
5	3	LDR BIAS	6.9213	6.9213	0
6	3	LDR UNBIAS	6.7149	6.7207	0.0058
7	3	LDR UNBIAS	6.8737	7.0528	0.1791
8	3	LDR UNBIAS	6.9438	6.9411	-0.0027
9	3	LDR UNBIAS	7.083	7.0754	-0.0076
10	3	LDR UNBIAS	6.9144	6.9049	-0.0095
11	0	CORRELATION	7.5941	7.0003	-0.5938
12	0	CORRELATION	6.9223	6.9144	-0.0079
13	0	CORRELATION	6.832	6.818	-0.014
14	0	CORRELATION	6.8969	6.8966	-0.0003
21	10	LDR BIAS	6.977	6.9647	-0.0123
22	10	LDR BIAS	7.0469	7.0659	0.019
23	10	LDR BIAS	6.9772	7.0026	0.0254
24	10	LDR BIAS	6.8526	6.8313	-0.0213
25	10	LDR BIAS	6.9213	6.9161	-0.0052
26	10	LDR UNBIAS	6.7149	6.6991	-0.0158
27	10	LDR UNBIAS	6.8737	6.8489	-0.0248
28	10	LDR UNBIAS	6.9438	6.9487	0.0049
29	10	LDR UNBIAS	7.083	7.0741	-0.0089
30	10	LDR UNBIAS	6.9144	6.9266	0.0122
31	20	LDR BIAS	6.977	7.7647	0.7877
32	20	LDR BIAS	7.0469	7.0487	0.0018
33	20	LDR BIAS	6.9772	7.4107	0.4335
34	20	LDR BIAS	6.8526	6.8656	0.013
35	20	LDR BIAS	6.9213	7.3856	0.4643
36	20	LDR UNBIAS	6.7149	6.7106	-0.0043
37	20	LDR UNBIAS	6.8737	6.846	-0.0277
38	20	LDR UNBIAS	6.9438	6.9915	0.0477
39	20	LDR UNBIAS	7.083	7.5264	0.4434
40	20	LDR UNBIAS	6.9144	6.8872	-0.0272
41	30	LDR BIAS	6.977	6.987	0.01
42	30	LDR BIAS	7.0469	7.0713	0.0244
43	30	LDR BIAS	6.9772	7.4398	0.4626
44	30	LDR BIAS	6.8526	6.8446	-0.008
45	30	LDR BIAS	6.9213	6.8863	-0.035
46	30	LDR UNBIAS	6.7149	6.7264	0.0115
47	30	LDR UNBIAS	6.8737	6.8444	-0.0293
48	30	LDR UNBIAS	6.9438	6.9191	-0.0247
49	30	LDR UNBIAS	7.083	7.0702	-0.0128
50	30	LDR UNBIAS	6.9144	6.9135	-0.0009
51	50	LDR BIAS	6.977	7.0253	0.0483
52	50	LDR BIAS	7.0469	7.0903	0.0434
53	50	LDR BIAS	6.9772	7.6743	0.6971
54	50	LDR BIAS	6.8526	7.1189	0.2663
55	50	LDR BIAS	6.9213	6.9055	-0.0158
56	50	LDR UNBIAS	6.7149	6.9892	0.2743
57	50	LDR UNBIAS	6.8737	6.8357	-0.038
58	50	LDR UNBIAS	6.9438	6.9291	-0.0147
59	50	LDR UNBIAS	7.083	7.5444	0.4614
60	50	LDR UNBIAS	6.9144	7.0352	0.1208
61	100	LDR BIAS	6.977	6.993	0.016
62	100	LDR BIAS	7.0469	7.1183	0.0714
63	100	LDR BIAS	6.9772	7.0198	0.0426
64	100	LDR BIAS	6.8526	6.8721	0.0195
65	100	LDR BIAS	6.9213	6.9362	0.0149
66	100	LDR UNBIAS	6.7149	6.7842	0.0693
67	100	LDR UNBIAS	6.8737	6.8334	-0.0403
68	100	LDR UNBIAS	6.9438	6.9399	-0.0039
69	100	LDR UNBIAS	7.083	7.0839	0.0009
70	100	LDR UNBIAS	6.9144	6.7813	-0.1331

Test Statistics (mA)

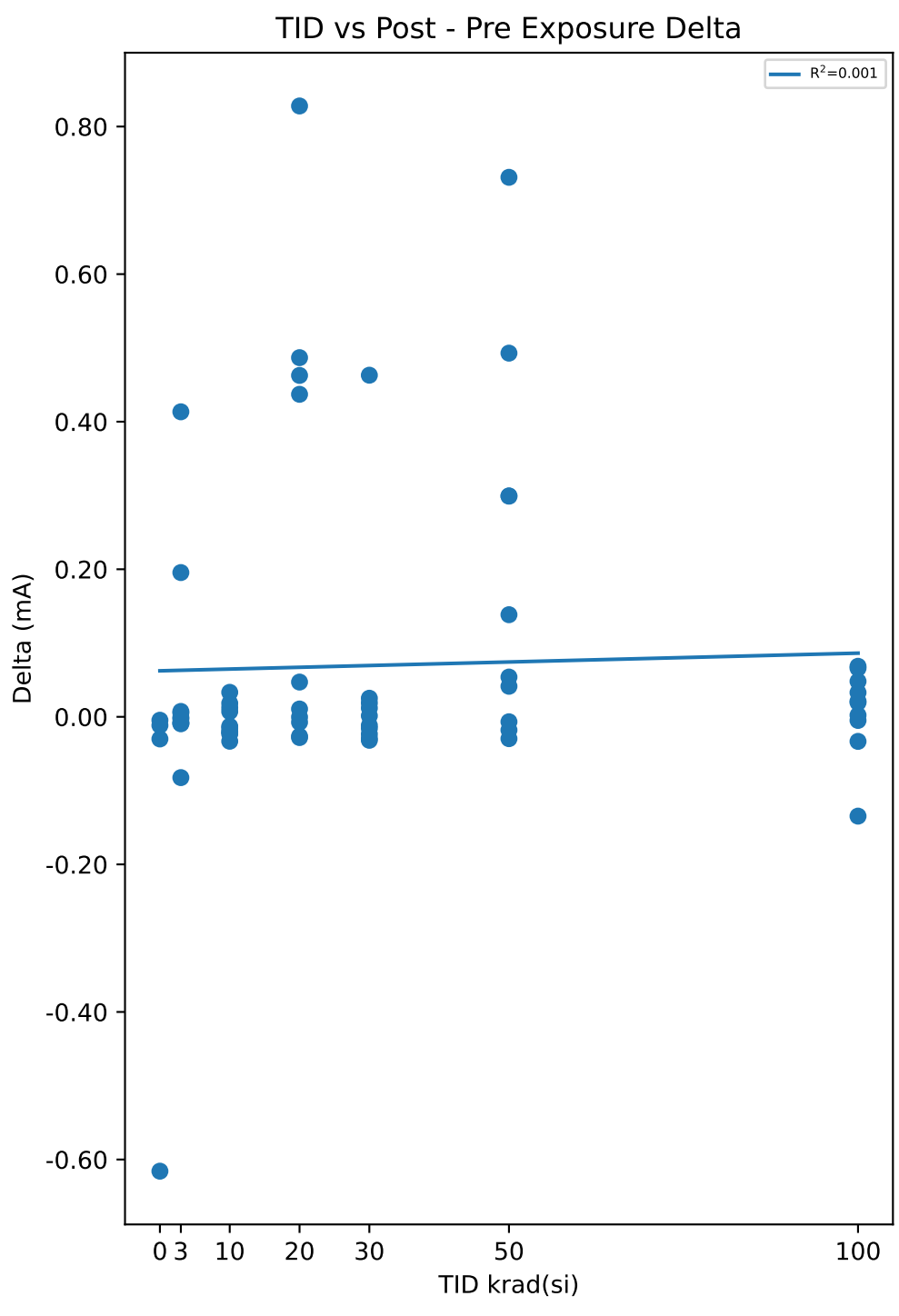
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.832	7.0613	7.5941	0.35721	6.818	6.9073	7.0003	0.074807	-0.5938	-0.154	-0.0003	0.29325
3	6.7149	6.9305	7.083	0.10406	6.7207	6.9774	7.3363	0.16217	-0.052	0.04695	0.3591	0.12557
10	6.7149	6.9305	7.083	0.10406	6.6991	6.9278	7.0741	0.11345	-0.0248	-0.00268	0.0254	0.017266
20	6.7149	6.9305	7.083	0.10406	6.7106	7.1437	7.7647	0.35173	-0.0277	0.21322	0.7877	0.29248
30	6.7149	6.9305	7.083	0.10406	6.7264	6.9703	7.4398	0.19577	-0.035	0.03978	0.4626	0.14979
50	6.7149	6.9305	7.083	0.10406	6.8357	7.1148	7.6743	0.27579	-0.038	0.18431	0.6971	0.24176
100	6.7149	6.9305	7.083	0.10406	6.7813	6.9362	7.1183	0.11878	-0.1331	0.00573	0.0714	0.059255

Device Test: 14.31 IDD|SUPPLY CURRENT/IN/5/12/0/1000/5/500kHz//@IDD_ACT_500K_LOAD_LDO



Test Results (Upper Limit = 13.0 (mA))

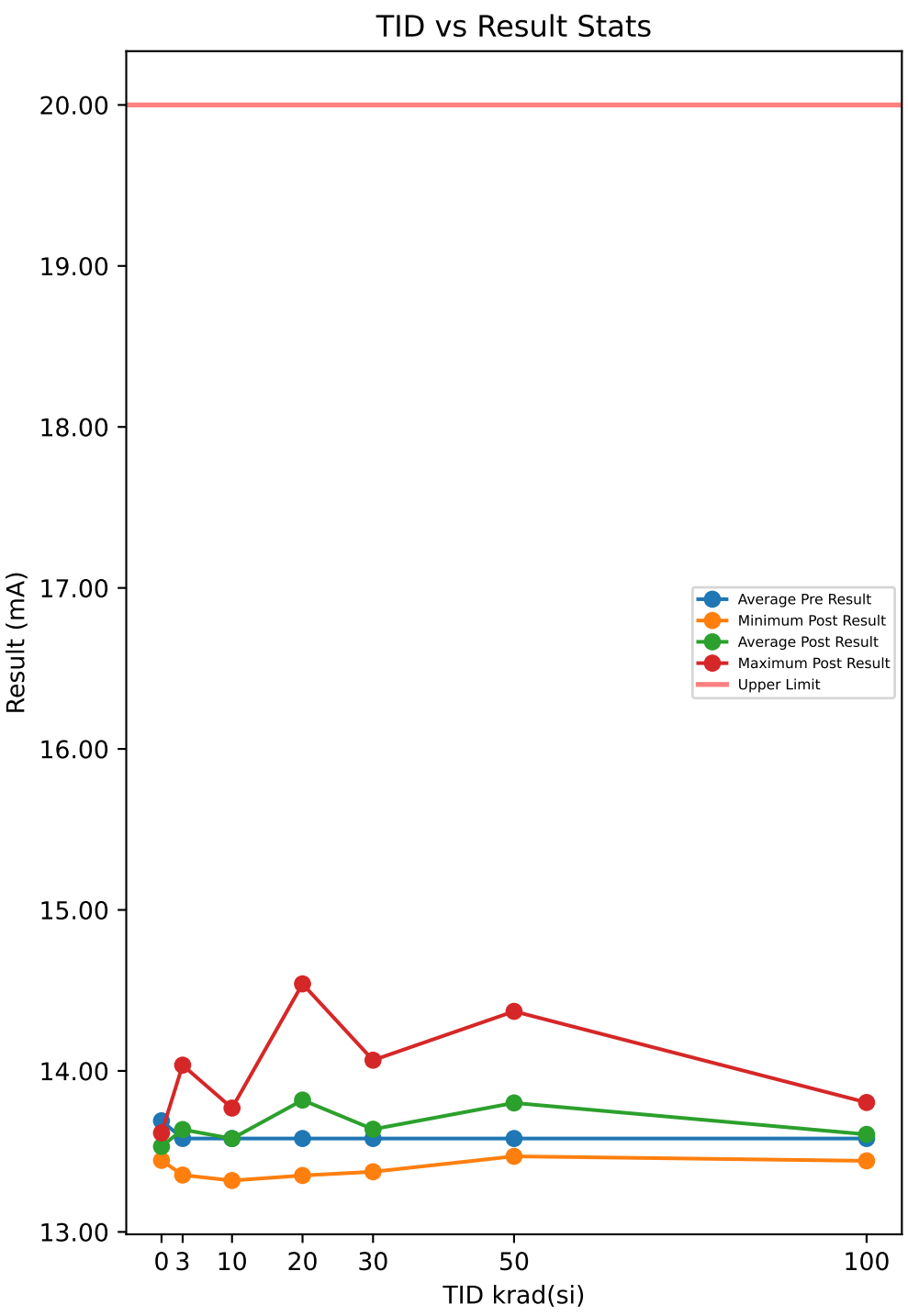
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	9.9686	9.9739	0.0053
2	3	LDR BIAS	10.023	9.9404	-0.0824
3	3	LDR BIAS	9.9121	10.325	0.4134
4	3	LDR BIAS	9.818	9.8092	-0.0088
5	3	LDR BIAS	9.9092	9.9084	-0.0008
6	3	LDR UNBIAS	9.6955	9.7028	0.0073
7	3	LDR UNBIAS	9.8417	10.037	0.1955
8	3	LDR UNBIAS	9.9239	9.9212	-0.0027
9	3	LDR UNBIAS	10.079	10.071	-0.0077
10	3	LDR UNBIAS	9.8964	9.887	-0.0094
11	0	CORRELATION	10.565	9.9495	-0.6158
12	0	CORRELATION	9.8794	9.8748	-0.0046
13	0	CORRELATION	9.8176	9.7876	-0.03
14	0	CORRELATION	9.8577	9.8461	-0.0116
21	10	LDR BIAS	9.9686	9.9485	-0.0201
22	10	LDR BIAS	10.023	10.035	0.0124
23	10	LDR BIAS	9.9121	9.9453	0.0332
24	10	LDR BIAS	9.818	9.7972	-0.0208
25	10	LDR BIAS	9.9092	9.8964	-0.0128
26	10	LDR UNBIAS	9.6955	9.6722	-0.0233
27	10	LDR UNBIAS	9.8417	9.8086	-0.0331
28	10	LDR UNBIAS	9.9239	9.931	0.0071
29	10	LDR UNBIAS	10.079	10.064	-0.0151
30	10	LDR UNBIAS	9.8964	9.9148	0.0184
31	20	LDR BIAS	9.9686	10.796	0.8279
32	20	LDR BIAS	10.023	10.023	-0.0003
33	20	LDR BIAS	9.9121	10.349	0.4371
34	20	LDR BIAS	9.818	9.8286	0.0106
35	20	LDR BIAS	9.9092	10.396	0.4868
36	20	LDR UNBIAS	9.6955	9.6881	-0.0074
37	20	LDR UNBIAS	9.8417	9.8136	-0.0281
38	20	LDR UNBIAS	9.9239	9.971	0.0471
39	20	LDR UNBIAS	10.079	10.542	0.4627
40	20	LDR UNBIAS	9.8964	9.8701	-0.0263
41	30	LDR BIAS	9.9686	9.9874	0.0188
42	30	LDR BIAS	10.023	10.048	0.0252
43	30	LDR BIAS	9.9121	10.375	0.463
44	30	LDR BIAS	9.818	9.8024	-0.0156
45	30	LDR BIAS	9.9092	9.8799	-0.0293
46	30	LDR UNBIAS	9.6955	9.7074	0.0119
47	30	LDR UNBIAS	9.8417	9.8099	-0.0318
48	30	LDR UNBIAS	9.9239	9.9005	-0.0234
49	30	LDR UNBIAS	10.079	10.067	-0.0116
50	30	LDR UNBIAS	9.8964	9.8978	0.0014
51	50	LDR BIAS	9.9686	10.023	0.0539
52	50	LDR BIAS	10.023	10.064	0.0414
53	50	LDR BIAS	9.9121	10.643	0.7312
54	50	LDR BIAS	9.818	10.117	0.2991
55	50	LDR BIAS	9.9092	9.8913	-0.0179
56	50	LDR UNBIAS	9.6955	9.9949	0.2994
57	50	LDR UNBIAS	9.8417	9.8121	-0.0296
58	50	LDR UNBIAS	9.9239	9.9172	-0.0067
59	50	LDR UNBIAS	10.079	10.572	0.4929
60	50	LDR UNBIAS	9.8964	10.035	0.1384
61	100	LDR BIAS	9.9686	10.002	0.0329
62	100	LDR BIAS	10.023	10.089	0.0659
63	100	LDR BIAS	9.9121	9.9602	0.0481
64	100	LDR BIAS	9.818	9.8392	0.0212
65	100	LDR BIAS	9.9092	9.9286	0.0194
66	100	LDR UNBIAS	9.6955	9.764	0.0685
67	100	LDR UNBIAS	9.8417	9.8084	-0.0333
68	100	LDR UNBIAS	9.9239	9.9261	0.0022
69	100	LDR UNBIAS	10.079	10.074	-0.0049
70	100	LDR UNBIAS	9.8964	9.7618	-0.1346



Test Statistics (mA)

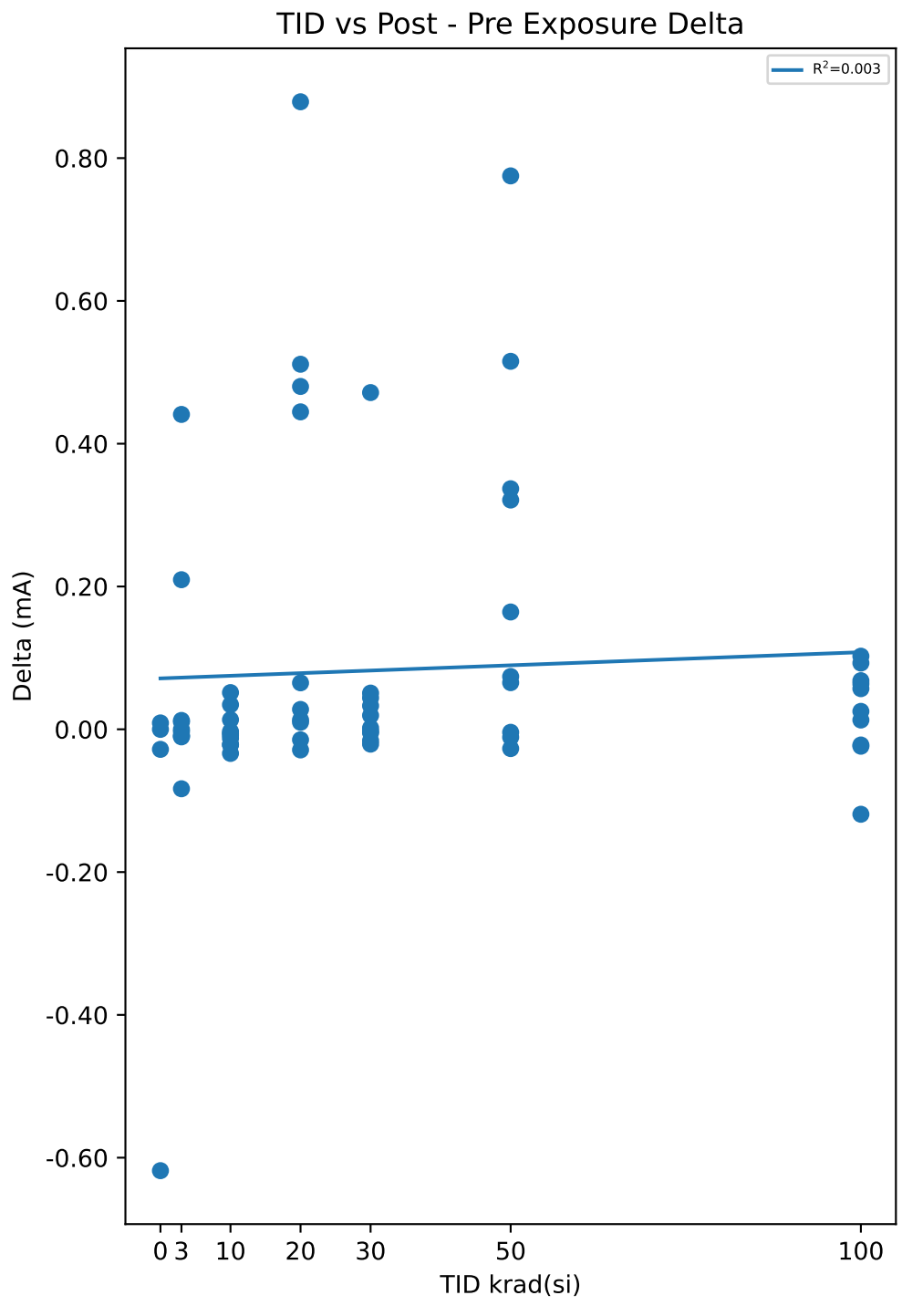
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.8176	10.03	10.565	0.35778	9.7876	9.8645	9.9495	0.067289	-0.6158	-0.1655	-0.0046	0.30039
3	9.6955	9.9067	10.079	0.10757	9.7028	9.9577	10.325	0.16695	-0.0824	0.05097	0.4134	0.14539
10	9.6955	9.9067	10.079	0.10757	9.6722	9.9013	10.064	0.11621	-0.0331	-0.00541	0.0332	0.021652
20	9.6955	9.9067	10.079	0.10757	9.6881	10.128	10.796	0.36864	-0.0281	0.22101	0.8279	0.30604
30	9.6955	9.9067	10.079	0.10757	9.7074	9.9476	10.375	0.18732	-0.0318	0.04086	0.463	0.14967
50	9.6955	9.9067	10.079	0.10757	9.8121	10.107	10.643	0.27891	-0.0296	0.20021	0.7312	0.25405
100	9.6955	9.9067	10.079	0.10757	9.7618	9.9153	10.089	0.11958	-0.1346	0.00854	0.0685	0.059425

Device Test: 14.32 IDD|SUPPLY CURRENT/IN/5/12/0/1000/5/1MHz//@IDD_ACT_1M_LOAD_LDO



Test Results (Upper Limit = 20.0 (mA))

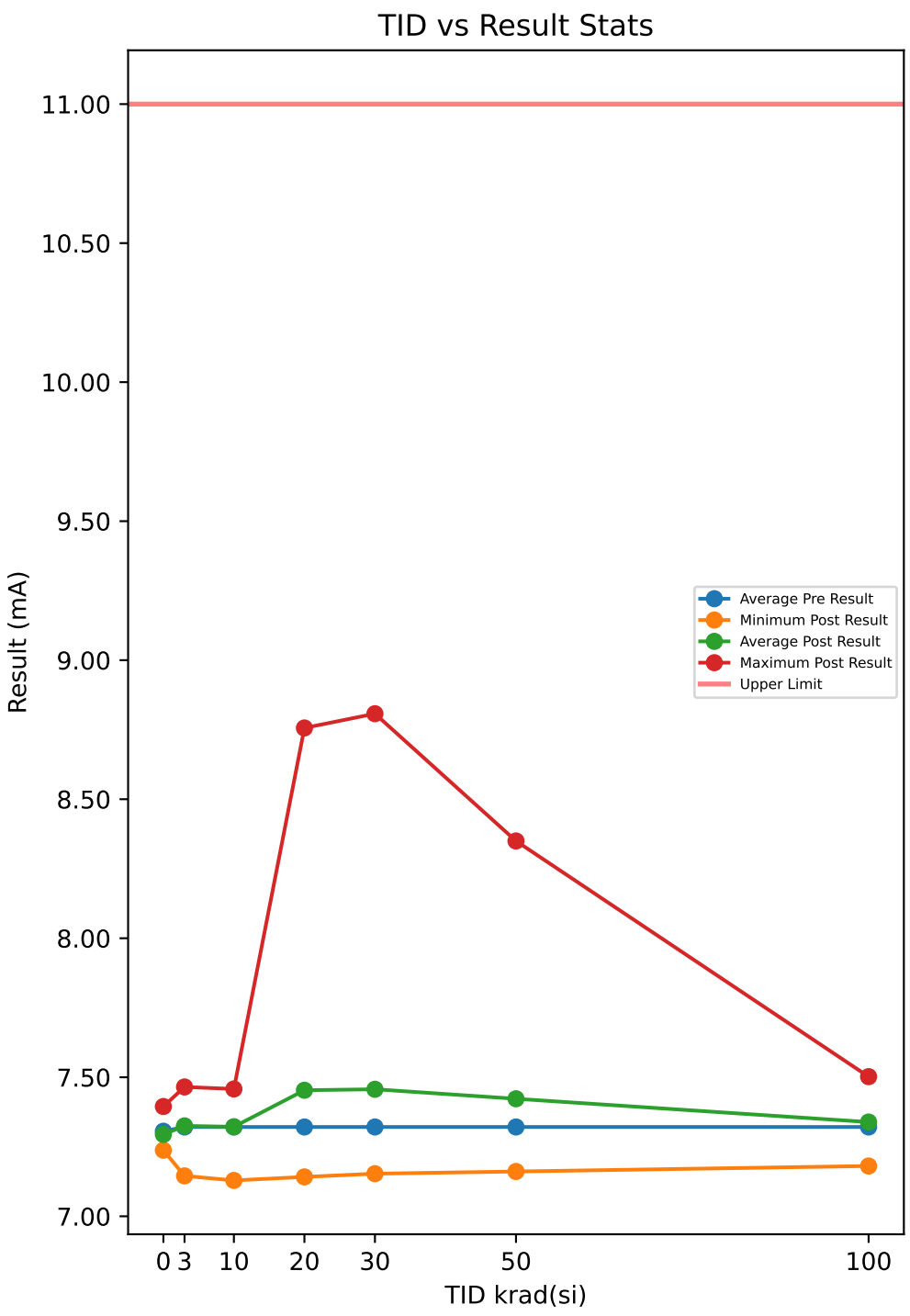
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	13.662	13.672	0.0104
2	3	LDR BIAS	13.711	13.628	-0.0833
3	3	LDR BIAS	13.595	14.036	0.441
4	3	LDR BIAS	13.485	13.474	-0.0106
5	3	LDR BIAS	13.564	13.564	-0.0001
6	3	LDR UNBIAS	13.341	13.353	0.0124
7	3	LDR UNBIAS	13.496	13.706	0.2095
8	3	LDR UNBIAS	13.597	13.594	-0.0032
9	3	LDR UNBIAS	13.791	13.781	-0.0097
10	3	LDR UNBIAS	13.56	13.552	-0.0086
11	0	CORRELATION	14.233	13.615	-0.6182
12	0	CORRELATION	13.536	13.536	-0.0001
13	0	CORRELATION	13.472	13.444	-0.0281
14	0	CORRELATION	13.52	13.528	0.0089
21	10	LDR BIAS	13.662	13.656	-0.0058
22	10	LDR BIAS	13.711	13.725	0.0134
23	10	LDR BIAS	13.595	13.646	0.0514
24	10	LDR BIAS	13.485	13.451	-0.0338
25	10	LDR BIAS	13.564	13.556	-0.0081
26	10	LDR UNBIAS	13.341	13.319	-0.0216
27	10	LDR UNBIAS	13.496	13.484	-0.0127
28	10	LDR UNBIAS	13.597	13.594	-0.003
29	10	LDR UNBIAS	13.791	13.769	-0.0215
30	10	LDR UNBIAS	13.56	13.595	0.0344
31	20	LDR BIAS	13.662	14.541	0.8789
32	20	LDR BIAS	13.711	13.724	0.0132
33	20	LDR BIAS	13.595	14.04	0.4446
34	20	LDR BIAS	13.485	13.512	0.0278
35	20	LDR BIAS	13.564	14.075	0.5113
36	20	LDR UNBIAS	13.341	13.351	0.0098
37	20	LDR UNBIAS	13.496	13.468	-0.0289
38	20	LDR UNBIAS	13.597	13.662	0.0651
39	20	LDR UNBIAS	13.791	14.271	0.4802
40	20	LDR UNBIAS	13.56	13.546	-0.0147
41	30	LDR BIAS	13.662	13.713	0.0507
42	30	LDR BIAS	13.711	13.755	0.044
43	30	LDR BIAS	13.595	14.066	0.4716
44	30	LDR BIAS	13.485	13.479	-0.005
45	30	LDR BIAS	13.564	13.561	-0.0028
46	30	LDR UNBIAS	13.341	13.374	0.0329
47	30	LDR UNBIAS	13.496	13.476	-0.0208
48	30	LDR UNBIAS	13.597	13.581	-0.0158
49	30	LDR UNBIAS	13.791	13.793	0.0019
50	30	LDR UNBIAS	13.56	13.58	0.0194
51	50	LDR BIAS	13.662	13.736	0.0739
52	50	LDR BIAS	13.711	13.776	0.0653
53	50	LDR BIAS	13.595	14.37	0.7751
54	50	LDR BIAS	13.485	13.806	0.3211
55	50	LDR BIAS	13.564	13.56	-0.0042
56	50	LDR UNBIAS	13.341	13.678	0.3369
57	50	LDR UNBIAS	13.496	13.47	-0.027
58	50	LDR UNBIAS	13.597	13.586	-0.0112
59	50	LDR UNBIAS	13.791	14.306	0.5154
60	50	LDR UNBIAS	13.56	13.725	0.1643
61	100	LDR BIAS	13.662	13.726	0.0637
62	100	LDR BIAS	13.711	13.804	0.0928
63	100	LDR BIAS	13.595	13.663	0.0681
64	100	LDR BIAS	13.485	13.51	0.0251
65	100	LDR BIAS	13.564	13.621	0.0569
66	100	LDR UNBIAS	13.341	13.443	0.1024
67	100	LDR UNBIAS	13.496	13.475	-0.022
68	100	LDR UNBIAS	13.597	13.61	0.013
69	100	LDR UNBIAS	13.791	13.767	-0.0237
70	100	LDR UNBIAS	13.56	13.441	-0.119



Test Statistics (mA)

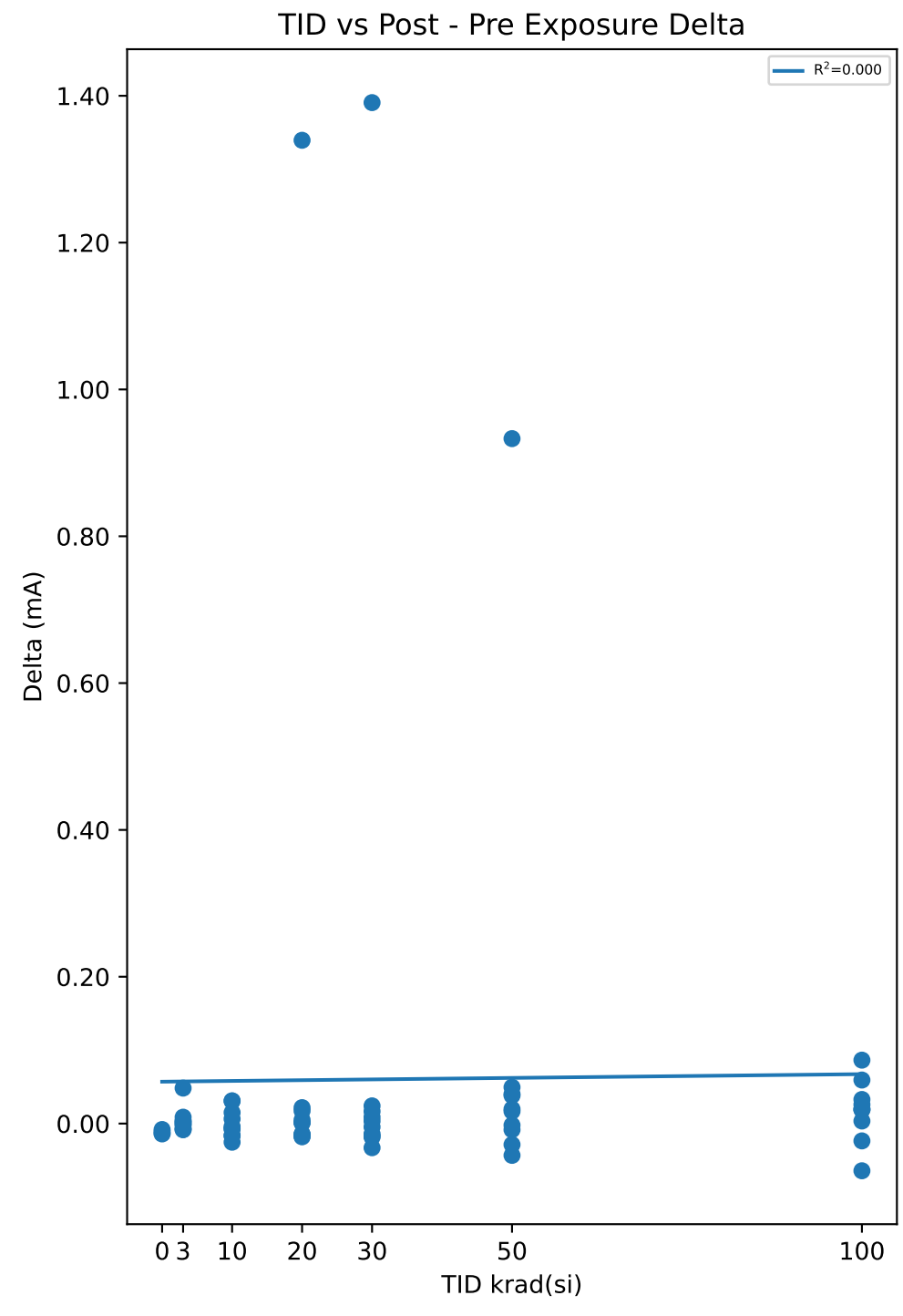
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.472	13.69	14.233	0.36281	13.444	13.531	13.615	0.069644	-0.6182	-0.15938	0.0089	0.30629
3	13.341	13.58	13.791	0.12595	13.353	13.636	14.036	0.18488	-0.0833	0.05578	0.441	0.15447
10	13.341	13.58	13.791	0.12595	13.319	13.579	13.769	0.13411	-0.0338	-0.00073	0.0514	0.026542
20	13.341	13.58	13.791	0.12595	13.351	13.819	14.541	0.39225	-0.0289	0.23873	0.8789	0.31598
30	13.341	13.58	13.791	0.12595	13.374	13.638	14.066	0.20019	-0.0208	0.05761	0.4716	0.14754
50	13.341	13.58	13.791	0.12595	13.47	13.801	14.37	0.30172	-0.027	0.22096	0.7751	0.26507
100	13.341	13.58	13.791	0.12595	13.441	13.606	13.804	0.1346	-0.119	0.02573	0.1024	0.067012

Device Test: 14.4 IDD|SUPPLY CURRENT/IN/14/14/0/0/5/100kHz//@IDD_ACT_100K_NOLOAD



Test Results (Upper Limit = 11.0 (mA))

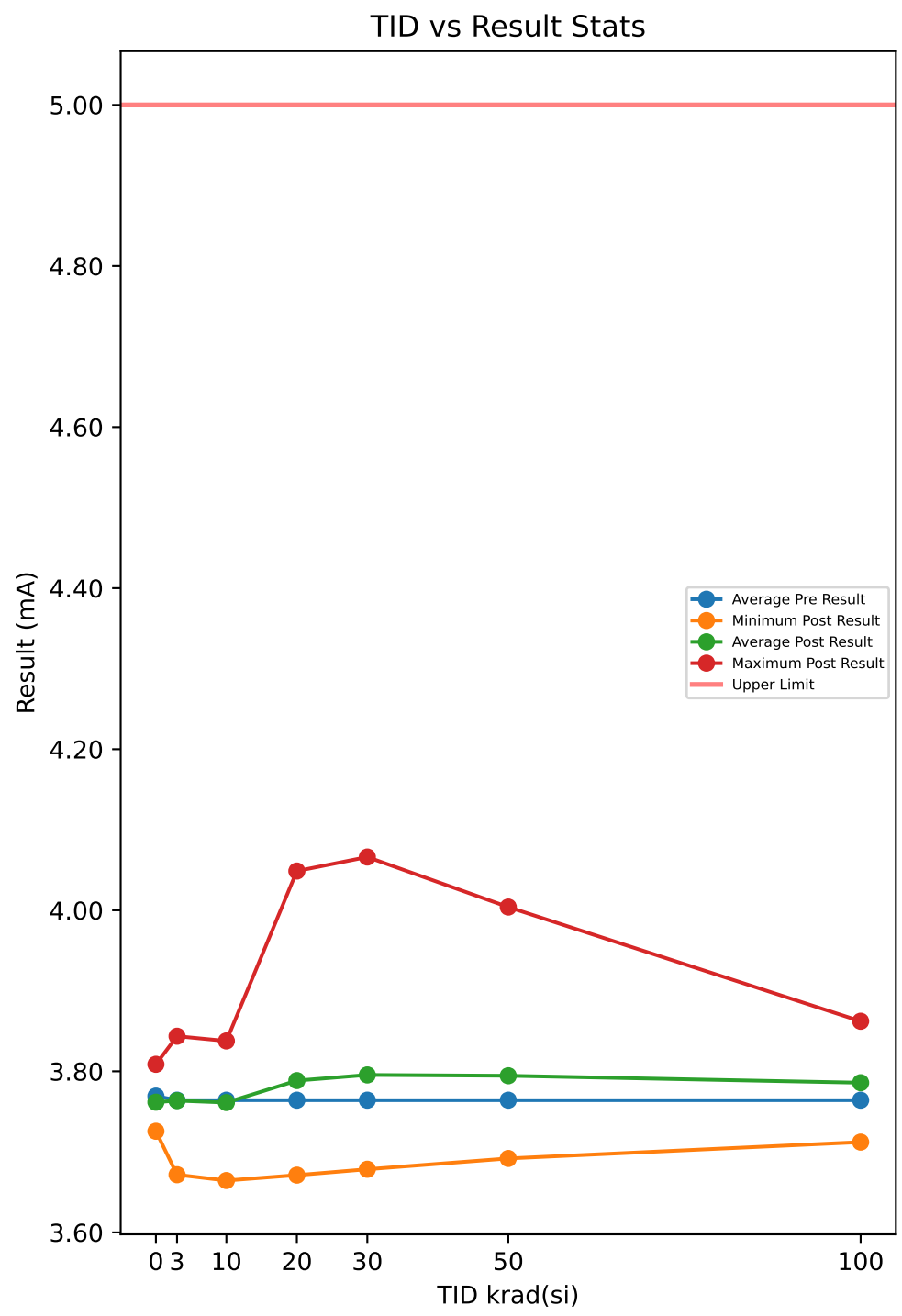
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.3887	7.387	-0.0017
2	3	LDR BIAS	7.4429	7.4349	-0.008
3	3	LDR BIAS	7.4168	7.4651	0.0483
4	3	LDR BIAS	7.2121	7.2154	0.0033
5	3	LDR BIAS	7.329	7.3279	-0.0011
6	3	LDR UNBIAS	7.1366	7.1453	0.0087
7	3	LDR UNBIAS	7.2044	7.2056	0.0012
8	3	LDR UNBIAS	7.3489	7.3525	0.0036
9	3	LDR UNBIAS	7.4479	7.4416	-0.0063
10	3	LDR UNBIAS	7.2843	7.2759	-0.0084
11	0	CORRELATION	7.4056	7.3948	-0.0108
12	0	CORRELATION	7.2845	7.2711	-0.0134
13	0	CORRELATION	7.2517	7.2376	-0.0141
14	0	CORRELATION	7.2819	7.2738	-0.0081
21	10	LDR BIAS	7.3887	7.3718	-0.0169
22	10	LDR BIAS	7.4429	7.4579	0.015
23	10	LDR BIAS	7.4168	7.4476	0.0308
24	10	LDR BIAS	7.2121	7.1867	-0.0254
25	10	LDR BIAS	7.329	7.325	-0.004
26	10	LDR UNBIAS	7.1366	7.1289	-0.0077
27	10	LDR UNBIAS	7.2044	7.1885	-0.0159
28	10	LDR UNBIAS	7.3489	7.3553	0.0064
29	10	LDR UNBIAS	7.4479	7.4415	-0.0064
30	10	LDR UNBIAS	7.2843	7.3152	0.0309
31	20	LDR BIAS	7.3887	7.3739	-0.0148
32	20	LDR BIAS	7.4429	7.4438	0.0009
33	20	LDR BIAS	7.4168	8.7562	1.3394
34	20	LDR BIAS	7.2121	7.1979	-0.0142
35	20	LDR BIAS	7.329	7.3302	0.0012
36	20	LDR UNBIAS	7.1366	7.1416	0.005
37	20	LDR UNBIAS	7.2044	7.1864	-0.018
38	20	LDR UNBIAS	7.3489	7.3706	0.0217
39	20	LDR UNBIAS	7.4479	7.4652	0.0173
40	20	LDR UNBIAS	7.2843	7.2669	-0.0174
41	30	LDR BIAS	7.3887	7.3921	0.0034
42	30	LDR BIAS	7.4429	7.467	0.0241
43	30	LDR BIAS	7.4168	8.8075	1.3907
44	30	LDR BIAS	7.2121	7.1981	-0.014
45	30	LDR BIAS	7.329	7.2961	-0.0329
46	30	LDR UNBIAS	7.1366	7.1532	0.0166
47	30	LDR UNBIAS	7.2044	7.1859	-0.0185
48	30	LDR UNBIAS	7.3489	7.332	-0.0169
49	30	LDR UNBIAS	7.4479	7.4433	-0.0046
50	30	LDR UNBIAS	7.2843	7.2931	0.0088
51	50	LDR BIAS	7.3887	7.4289	0.0402
52	50	LDR BIAS	7.4429	7.4811	0.0382
53	50	LDR BIAS	7.4168	8.3498	0.933
54	50	LDR BIAS	7.2121	7.1834	-0.0287
55	50	LDR BIAS	7.329	7.3206	-0.0084
56	50	LDR UNBIAS	7.1366	7.1861	0.0495
57	50	LDR UNBIAS	7.2044	7.1611	-0.0433
58	50	LDR UNBIAS	7.3489	7.3467	-0.0022
59	50	LDR UNBIAS	7.4479	7.4677	0.0198
60	50	LDR UNBIAS	7.2843	7.301	0.0167
61	100	LDR BIAS	7.3887	7.4073	0.0186
62	100	LDR BIAS	7.4429	7.5022	0.0593
63	100	LDR BIAS	7.4168	7.4426	0.0258
64	100	LDR BIAS	7.2121	7.2156	0.0035
65	100	LDR BIAS	7.329	7.3484	0.0194
66	100	LDR UNBIAS	7.1366	7.223	0.0864
67	100	LDR UNBIAS	7.2044	7.1808	-0.0236
68	100	LDR UNBIAS	7.3489	7.3686	0.0197
69	100	LDR UNBIAS	7.4479	7.4807	0.0328
70	100	LDR UNBIAS	7.2843	7.22	-0.0643

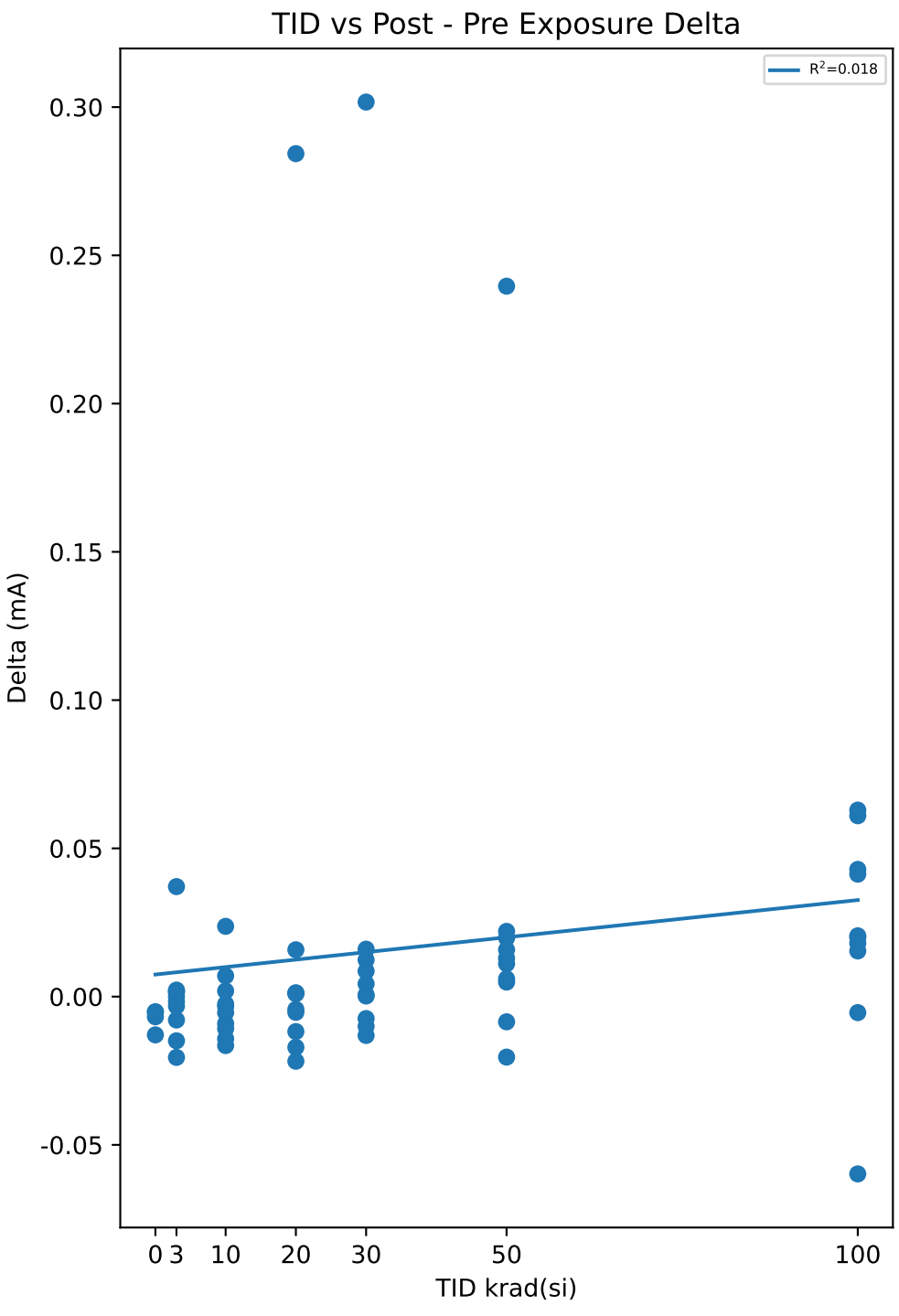


Test Statistics (mA)

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	7.2517	7.3059	7.4056	0.068097	7.2376	7.2943	7.3948	0.068977	-0.0141	-0.0116	-0.0081	0.0027313
3	7.1366	7.3212	7.4479	0.10872	7.1453	7.3251	7.4651	0.111	-0.0084	0.00396	0.0483	0.016517
10	7.1366	7.3212	7.4479	0.10872	7.1289	7.3218	7.4579	0.11813	-0.0254	0.00068	0.0309	0.01962
20	7.1366	7.3212	7.4479	0.10872	7.1416	7.4533	8.7562	0.47075	-0.018	0.13211	1.3394	0.42444
30	7.1366	7.3212	7.4479	0.10872	7.1532	7.4568	8.8075	0.48643	-0.0329	0.13567	1.3907	0.44132
50	7.1366	7.3212	7.4479	0.10872	7.1611	7.4226	8.3498	0.34604	-0.0433	0.10148	0.933	0.29373
100	7.1366	7.3212	7.4479	0.10872	7.1808	7.3389	7.5022	0.12062	-0.0643	0.01776	0.0864	0.041343

Device Test: 14.5 ISTART|STARTUP CURRENT/IN/3.5/3.5/0/0/4.5/500kHz//@I_START





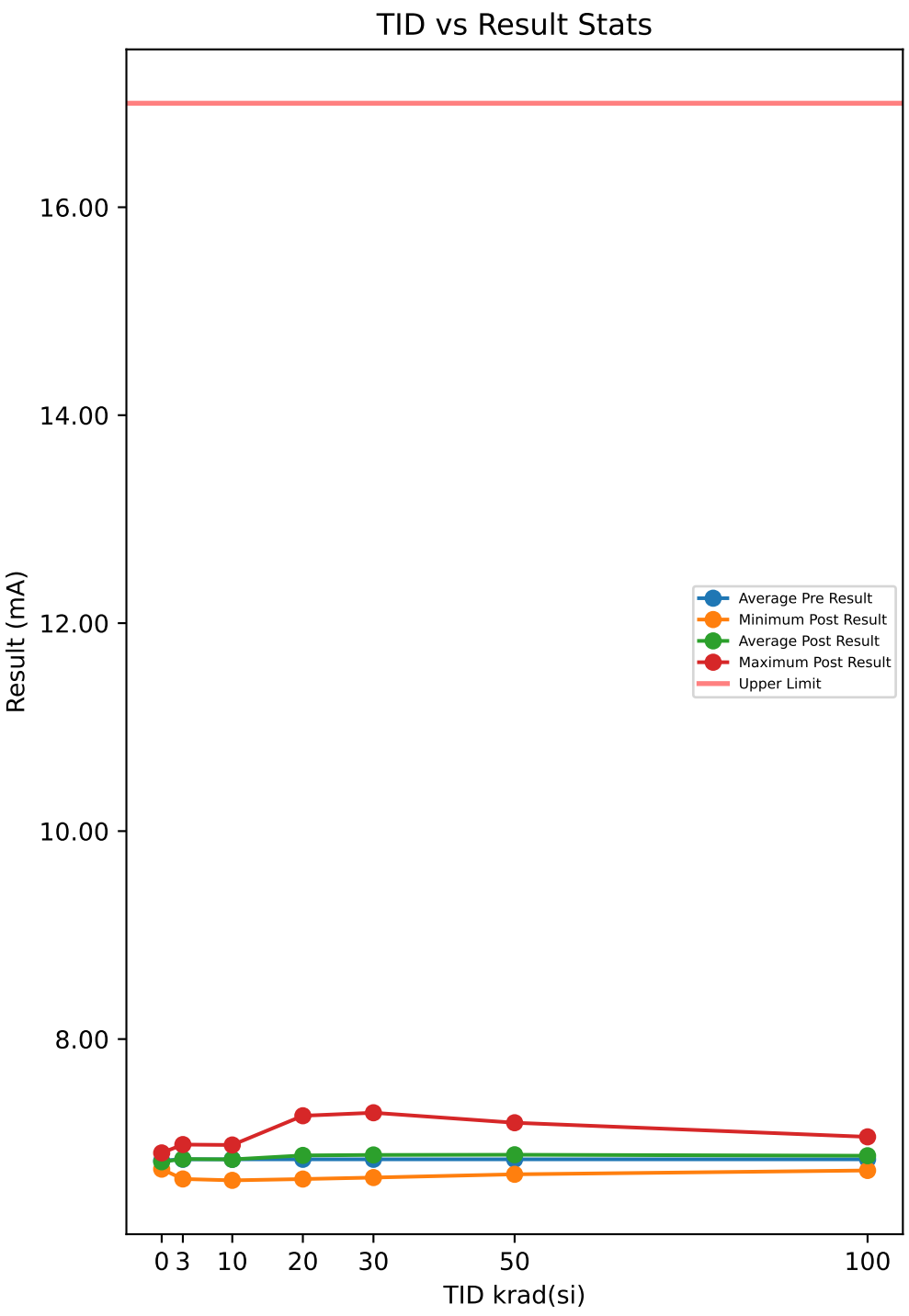
Test Results (Upper Limit = 5.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7821	3.7821	0
2	3	LDR BIAS	3.7957	3.7752	-0.0205
3	3	LDR BIAS	3.7644	3.8015	0.0371
4	3	LDR BIAS	3.7371	3.7393	0.0022
5	3	LDR BIAS	3.788	3.7864	-0.0016
6	3	LDR UNBIAS	3.6698	3.6716	0.0018
7	3	LDR UNBIAS	3.7342	3.7263	-0.0079
8	3	LDR UNBIAS	3.7516	3.753	0.0014
9	3	LDR UNBIAS	3.8468	3.8436	-0.0032
10	3	LDR UNBIAS	3.7719	3.757	-0.0149
11	0	CORRELATION	3.8139	3.8087	-0.0052
12	0	CORRELATION	3.7777	3.7726	-0.0051
13	0	CORRELATION	3.7385	3.7256	-0.0129
14	0	CORRELATION	3.7467	3.7399	-0.0068
21	10	LDR BIAS	3.7821	3.7713	-0.0108
22	10	LDR BIAS	3.7957	3.8027	0.007
23	10	LDR BIAS	3.7644	3.7881	0.0237
24	10	LDR BIAS	3.7371	3.7346	-0.0025
25	10	LDR BIAS	3.788	3.7847	-0.0033
26	10	LDR UNBIAS	3.6698	3.6644	-0.0054
27	10	LDR UNBIAS	3.7342	3.72	-0.0142
28	10	LDR UNBIAS	3.7516	3.7535	0.0019
29	10	LDR UNBIAS	3.8468	3.8377	-0.0091
30	10	LDR UNBIAS	3.7719	3.7554	-0.0165
31	20	LDR BIAS	3.7821	3.7703	-0.0118
32	20	LDR BIAS	3.7957	3.7967	0.001
33	20	LDR BIAS	3.7644	4.0487	0.2843
34	20	LDR BIAS	3.7371	3.7382	0.0011
35	20	LDR BIAS	3.788	3.7827	-0.0053
36	20	LDR UNBIAS	3.6698	3.6711	0.0013
37	20	LDR UNBIAS	3.7342	3.7171	-0.0171
38	20	LDR UNBIAS	3.7516	3.7674	0.0158
39	20	LDR UNBIAS	3.8468	3.8425	-0.0043
40	20	LDR UNBIAS	3.7719	3.7501	-0.0218
41	30	LDR BIAS	3.7821	3.7823	0.0002
42	30	LDR BIAS	3.7957	3.8117	0.016
43	30	LDR BIAS	3.7644	4.0661	0.3017
44	30	LDR BIAS	3.7371	3.7495	0.0124
45	30	LDR BIAS	3.788	3.7749	-0.0131
46	30	LDR UNBIAS	3.6698	3.6784	0.0086
47	30	LDR UNBIAS	3.7342	3.7242	-0.01
48	30	LDR UNBIAS	3.7516	3.7559	0.0043
49	30	LDR UNBIAS	3.8468	3.8394	-0.0074
50	30	LDR UNBIAS	3.7719	3.7725	0.0006
51	50	LDR BIAS	3.7821	3.7979	0.0158
52	50	LDR BIAS	3.7957	3.8155	0.0198
53	50	LDR BIAS	3.7644	4.004	0.2396
54	50	LDR BIAS	3.7371	3.7501	0.013
55	50	LDR BIAS	3.788	3.7795	-0.0085
56	50	LDR UNBIAS	3.6698	3.6918	0.022
57	50	LDR UNBIAS	3.7342	3.7138	-0.0204
58	50	LDR UNBIAS	3.7516	3.7627	0.0111
59	50	LDR UNBIAS	3.8468	3.8528	0.006
60	50	LDR UNBIAS	3.7719	3.7768	0.0049
61	100	LDR BIAS	3.7821	3.8001	0.018
62	100	LDR BIAS	3.7957	3.8586	0.0629
63	100	LDR BIAS	3.7644	3.8057	0.0413
64	100	LDR BIAS	3.7371	3.7981	0.061
65	100	LDR BIAS	3.788	3.8085	0.0205
66	100	LDR UNBIAS	3.6698	3.7127	0.0429
67	100	LDR UNBIAS	3.7342	3.7288	-0.0054
68	100	LDR UNBIAS	3.7516	3.7716	0.02
69	100	LDR UNBIAS	3.8468	3.8622	0.0154
70	100	LDR UNBIAS	3.7719	3.7121	-0.0598

Test Statistics (mA)

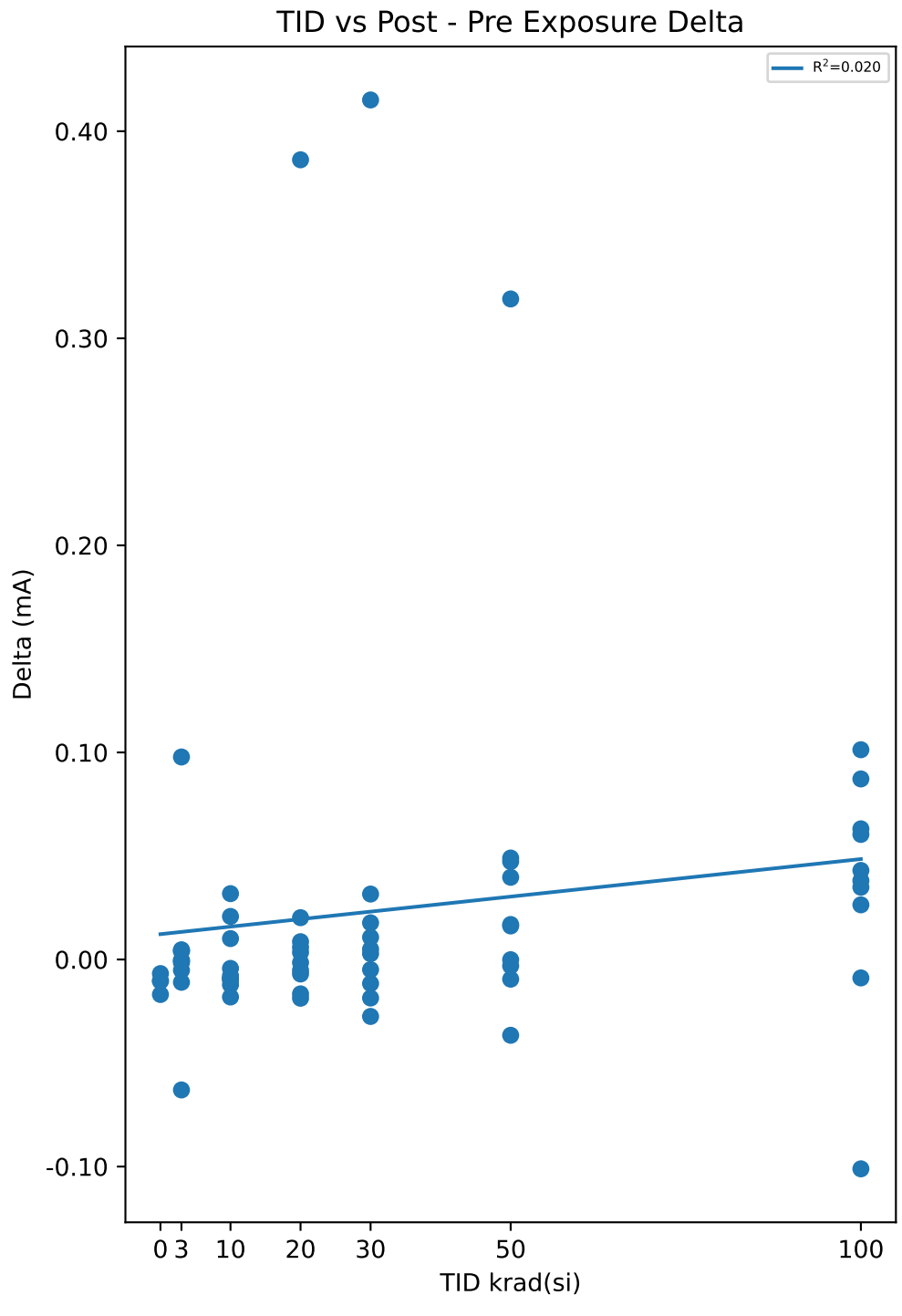
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7385	3.7692	3.8139	0.034249	3.7256	3.7617	3.8087	0.036997	-0.0129	-0.0075	-0.0051	0.0036833
3	3.6698	3.7642	3.8468	0.046507	3.6716	3.7636	3.8436	0.04647	-0.0205	-0.00056	0.0371	0.015278
10	3.6698	3.7642	3.8468	0.046507	3.6644	3.7612	3.8377	0.048098	-0.0165	-0.00292	0.0237	0.011779
20	3.6698	3.7642	3.8468	0.046507	3.6711	3.7885	4.0487	0.10241	-0.0218	0.02432	0.2843	0.091965
30	3.6698	3.7642	3.8468	0.046507	3.6784	3.7955	4.0661	0.10489	-0.0131	0.03133	0.3017	0.095473
50	3.6698	3.7642	3.8468	0.046507	3.6918	3.7945	4.004	0.087128	-0.0204	0.03033	0.2396	0.074666
100	3.6698	3.7642	3.8468	0.046507	3.7121	3.7858	3.8622	0.054395	-0.0598	0.02168	0.0629	0.035761

Device Test: 14.6 IDD|SUPPLY CURRENT/IN/4.5/4.5/0/0/4.5/500kHz//@IDD_ACT_500K_NOLOAD



Test Results (Upper Limit = 17.0 (mA))

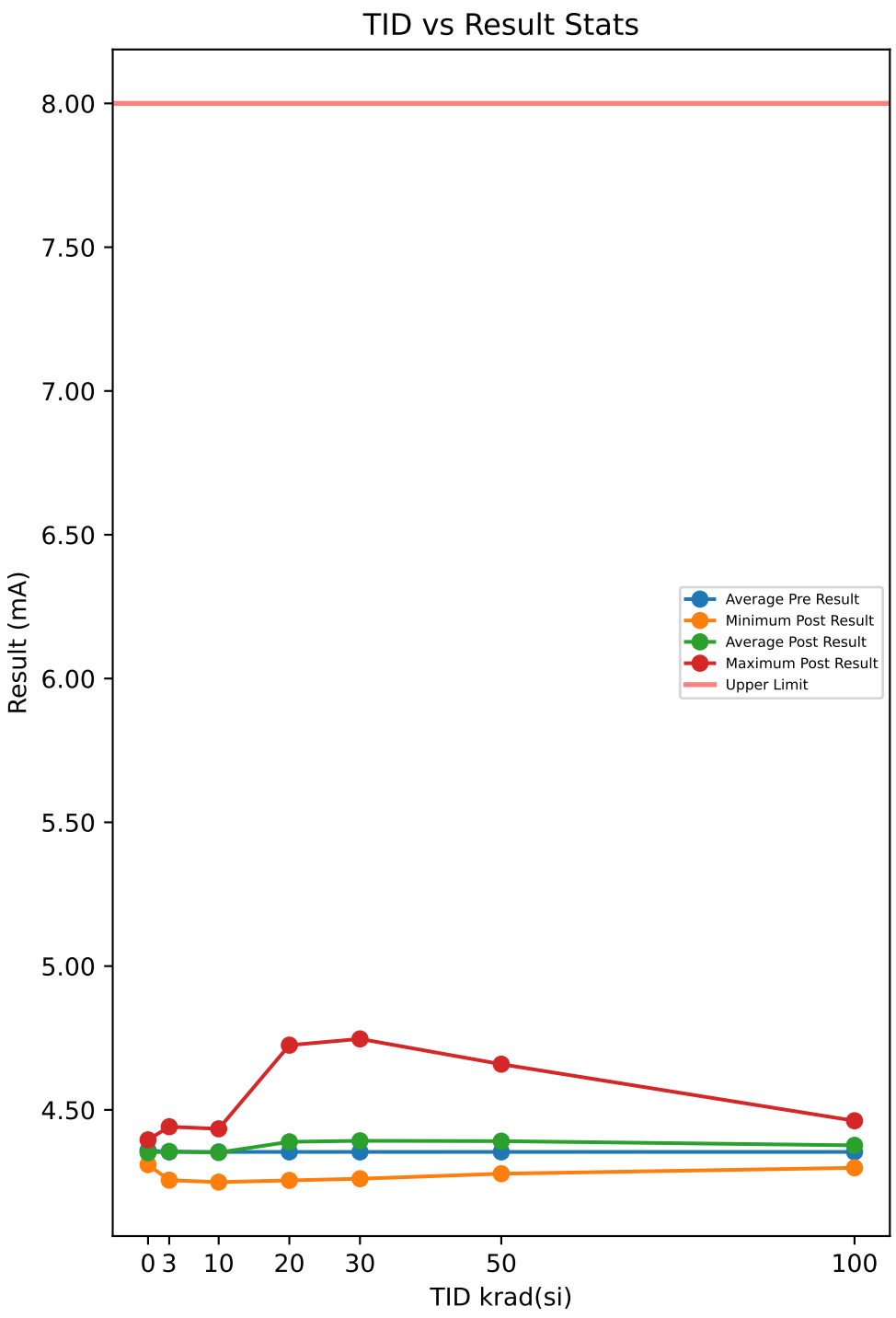
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.8793	6.8787	-0.0006
2	3	LDR BIAS	6.9584	6.8954	-0.063
3	3	LDR BIAS	6.8763	6.9741	0.0978
4	3	LDR BIAS	6.7787	6.7834	0.0047
5	3	LDR BIAS	6.8458	6.8443	-0.0015
6	3	LDR UNBIAS	6.6504	6.6546	0.0042
7	3	LDR UNBIAS	6.7766	6.7763	-0.0003
8	3	LDR UNBIAS	6.8423	6.8463	0.004
9	3	LDR UNBIAS	6.9906	6.9854	-0.0052
10	3	LDR UNBIAS	6.8374	6.8264	-0.011
11	0	CORRELATION	6.912	6.9052	-0.0068
12	0	CORRELATION	6.8397	6.8293	-0.0104
13	0	CORRELATION	6.7659	6.749	-0.0169
14	0	CORRELATION	6.8062	6.7959	-0.0103
21	10	LDR BIAS	6.8793	6.8695	-0.0098
22	10	LDR BIAS	6.9584	6.9792	0.0208
23	10	LDR BIAS	6.8763	6.9081	0.0318
24	10	LDR BIAS	6.7787	6.7708	-0.0079
25	10	LDR BIAS	6.8458	6.8415	-0.0043
26	10	LDR UNBIAS	6.6504	6.6413	-0.0091
27	10	LDR UNBIAS	6.7766	6.7644	-0.0122
28	10	LDR UNBIAS	6.8423	6.8524	0.0101
29	10	LDR UNBIAS	6.9906	6.9814	-0.0092
30	10	LDR UNBIAS	6.8374	6.8193	-0.0181
31	20	LDR BIAS	6.8793	6.8723	-0.007
32	20	LDR BIAS	6.9584	6.967	0.0086
33	20	LDR BIAS	6.8763	7.2625	0.3862
34	20	LDR BIAS	6.7787	6.7772	-0.0015
35	20	LDR BIAS	6.8458	6.8406	-0.0052
36	20	LDR UNBIAS	6.6504	6.6538	0.0034
37	20	LDR UNBIAS	6.7766	6.76	-0.0166
38	20	LDR UNBIAS	6.8423	6.8625	0.0202
39	20	LDR UNBIAS	6.9906	6.9965	0.0059
40	20	LDR UNBIAS	6.8374	6.8187	-0.0187
41	30	LDR BIAS	6.8793	6.89	0.0107
42	30	LDR BIAS	6.9584	6.99	0.0316
43	30	LDR BIAS	6.8763	7.2914	0.4151
44	30	LDR BIAS	6.7787	6.7815	0.0028
45	30	LDR BIAS	6.8458	6.8183	-0.0275
46	30	LDR UNBIAS	6.6504	6.6681	0.0177
47	30	LDR UNBIAS	6.7766	6.758	-0.0186
48	30	LDR UNBIAS	6.8423	6.8307	-0.0116
49	30	LDR UNBIAS	6.9906	6.9857	-0.0049
50	30	LDR UNBIAS	6.8374	6.8424	0.005
51	50	LDR BIAS	6.8793	6.919	0.0397
52	50	LDR BIAS	6.9584	7.0057	0.0473
53	50	LDR BIAS	6.8763	7.1953	0.319
54	50	LDR BIAS	6.7787	6.7756	-0.0031
55	50	LDR BIAS	6.8458	6.8363	-0.0095
56	50	LDR UNBIAS	6.6504	6.6994	0.049
57	50	LDR UNBIAS	6.7766	6.74	-0.0366
58	50	LDR UNBIAS	6.8423	6.8422	-0.0001
59	50	LDR UNBIAS	6.9906	7.0068	0.0162
60	50	LDR UNBIAS	6.8374	6.8543	0.0169
61	100	LDR BIAS	6.8793	6.9174	0.0381
62	100	LDR BIAS	6.9584	7.0597	0.1013
63	100	LDR BIAS	6.8763	6.9394	0.0631
64	100	LDR BIAS	6.7787	6.8391	0.0604
65	100	LDR BIAS	6.8458	6.8888	0.043
66	100	LDR UNBIAS	6.6504	6.7376	0.0872
67	100	LDR UNBIAS	6.7766	6.7677	-0.0089
68	100	LDR UNBIAS	6.8423	6.8687	0.0264
69	100	LDR UNBIAS	6.9906	7.0255	0.0349
70	100	LDR UNBIAS	6.8374	6.7363	-0.1011

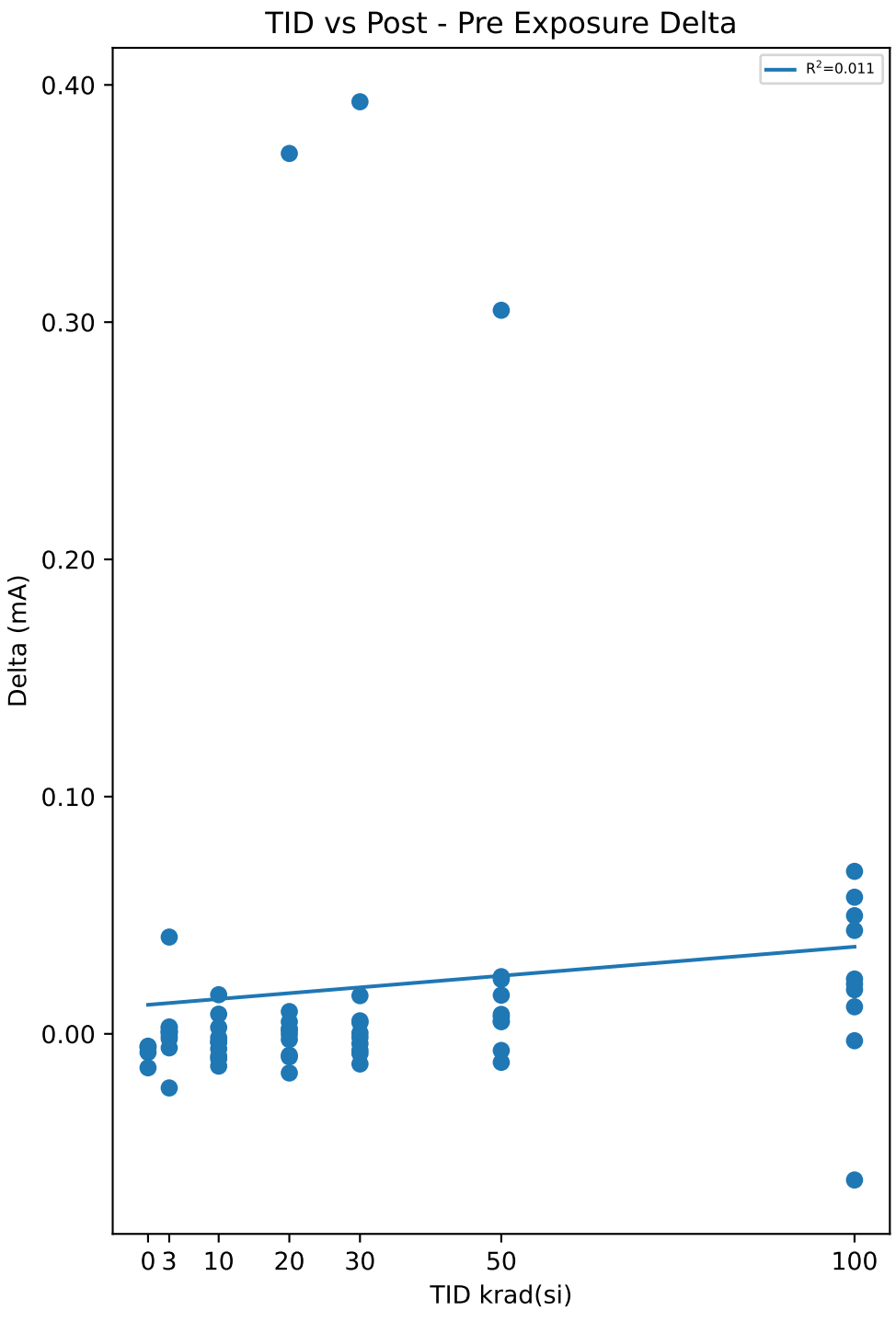


Test Statistics (mA)

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	6.7659	6.8309	6.912	0.061886	6.749	6.8198	6.9052	0.065745	-0.0169	-0.0111	-0.0068	0.0042135
3	6.6504	6.8436	6.9906	0.09615	6.6546	6.8465	6.9854	0.097267	-0.063	0.00291	0.0978	0.038952
10	6.6504	6.8436	6.9906	0.09615	6.6413	6.8428	6.9814	0.10294	-0.0181	-0.00079	0.0318	0.016195
20	6.6504	6.8436	6.9906	0.09615	6.6538	6.8811	7.2625	0.16641	-0.0187	0.03753	0.3862	0.12306
30	6.6504	6.8436	6.9906	0.09615	6.6681	6.8856	7.2914	0.17303	-0.0275	0.04203	0.4151	0.13223
50	6.6504	6.8436	6.9906	0.09615	6.6994	6.8875	7.1953	0.14884	-0.0366	0.04388	0.319	0.10039
100	6.6504	6.8436	6.9906	0.09615	6.7363	6.878	7.0597	0.11243	-0.1011	0.03444	0.1013	0.056911

Device Test: 14.7 IDD_DIS|STANDBY CURRENT/IN/4.5/4.5/0/0/4.5/500kHz//@IDD_DIS





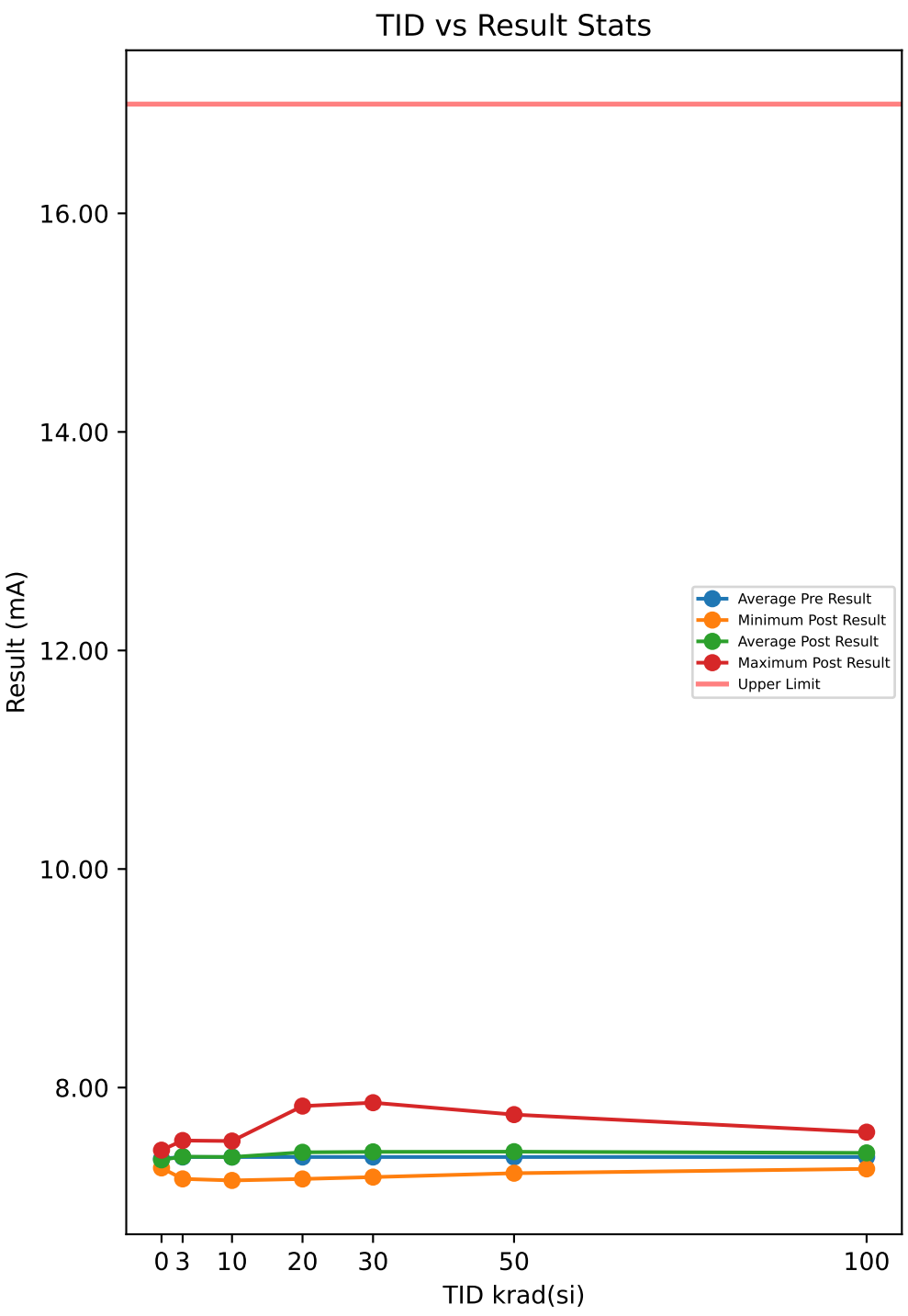
Test Results (Upper Limit = 8.0 (mA))

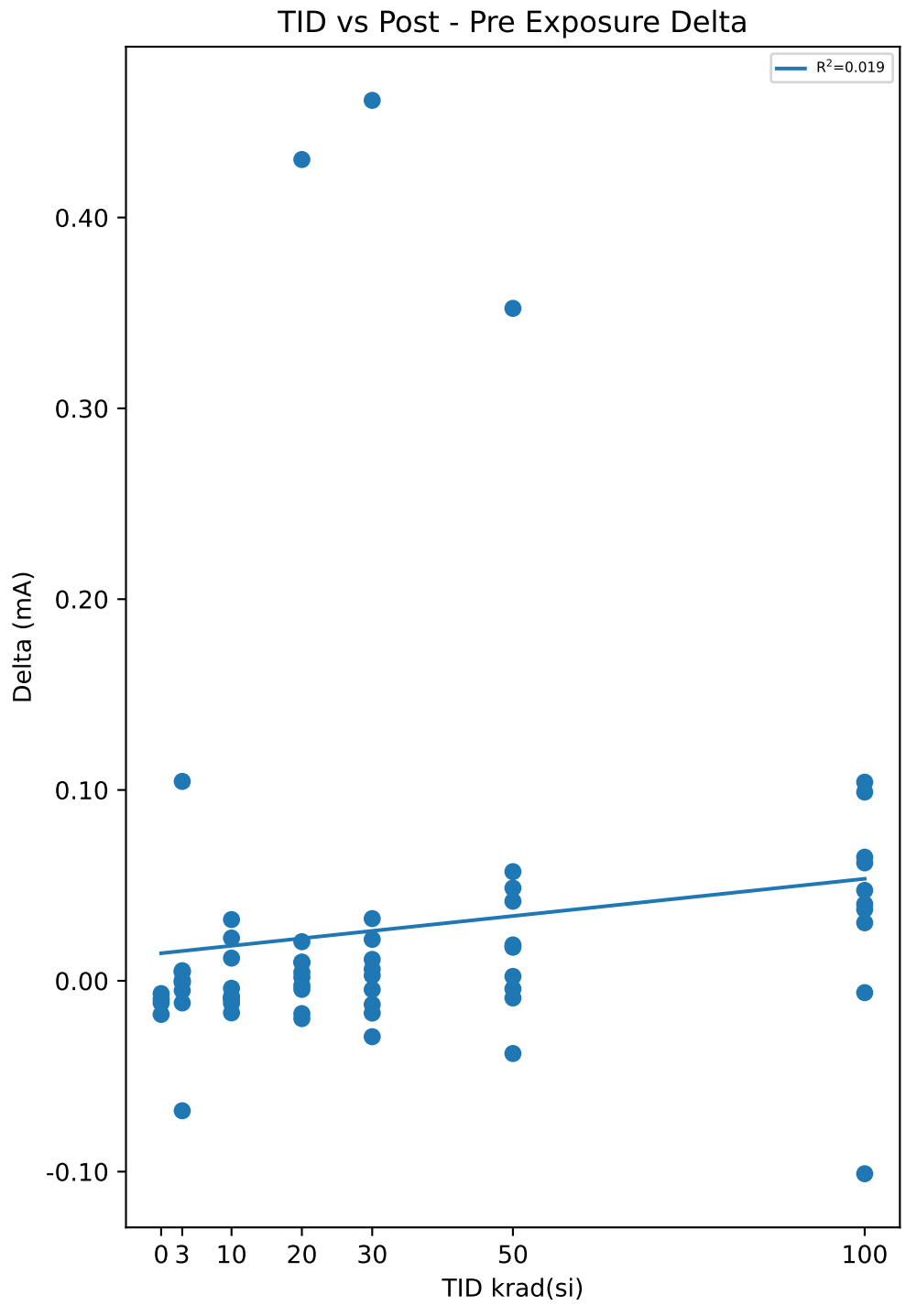
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.37	4.3711	0.0011
2	3	LDR BIAS	4.389	4.3662	-0.0228
3	3	LDR BIAS	4.3539	4.3947	0.0408
4	3	LDR BIAS	4.3228	4.3254	0.0026
5	3	LDR BIAS	4.3835	4.3826	-0.0009
6	3	LDR UNBIAS	4.255	4.2555	0.0005
7	3	LDR UNBIAS	4.3143	4.3152	0.0009
8	3	LDR UNBIAS	4.3459	4.3488	0.0029
9	3	LDR UNBIAS	4.4435	4.4414	-0.0021
10	3	LDR UNBIAS	4.3601	4.3542	-0.0059
11	0	CORRELATION	4.4014	4.3958	-0.0056
12	0	CORRELATION	4.371	4.3658	-0.0052
13	0	CORRELATION	4.3238	4.3095	-0.0143
14	0	CORRELATION	4.341	4.3332	-0.0078
21	10	LDR BIAS	4.37	4.3595	-0.0105
22	10	LDR BIAS	4.389	4.3973	0.0083
23	10	LDR BIAS	4.3539	4.3704	0.0165
24	10	LDR BIAS	4.3228	4.3212	-0.0016
25	10	LDR BIAS	4.3835	4.3801	-0.0034
26	10	LDR UNBIAS	4.255	4.2487	-0.0063
27	10	LDR UNBIAS	4.3143	4.3108	-0.0035
28	10	LDR UNBIAS	4.3459	4.3486	0.0027
29	10	LDR UNBIAS	4.4435	4.4341	-0.0094
30	10	LDR UNBIAS	4.3601	4.3465	-0.0136
31	20	LDR BIAS	4.37	4.361	-0.009
32	20	LDR BIAS	4.389	4.3905	0.0015
33	20	LDR BIAS	4.3539	4.725	0.3711
34	20	LDR BIAS	4.3228	4.325	0.0022
35	20	LDR BIAS	4.3835	4.3886	0.0051
36	20	LDR UNBIAS	4.255	4.2548	-0.0002
37	20	LDR UNBIAS	4.3143	4.3046	-0.0097
38	20	LDR UNBIAS	4.3459	4.3553	0.0094
39	20	LDR UNBIAS	4.4435	4.4411	-0.0024
40	20	LDR UNBIAS	4.3601	4.3436	-0.0165
41	30	LDR BIAS	4.37	4.3704	0.0004
42	30	LDR BIAS	4.389	4.4051	0.0161
43	30	LDR BIAS	4.3539	4.7468	0.3929
44	30	LDR BIAS	4.3228	4.3276	0.0048
45	30	LDR BIAS	4.3835	4.3708	-0.0127
46	30	LDR UNBIAS	4.255	4.2605	0.0055
47	30	LDR UNBIAS	4.3143	4.306	-0.0083
48	30	LDR UNBIAS	4.3459	4.3418	-0.0041
49	30	LDR UNBIAS	4.4435	4.4366	-0.0069
50	30	LDR UNBIAS	4.3601	4.3586	-0.0015
51	50	LDR BIAS	4.37	4.3863	0.0163
52	50	LDR BIAS	4.389	4.4131	0.0241
53	50	LDR BIAS	4.3539	4.6589	0.305
54	50	LDR BIAS	4.3228	4.331	0.0082
55	50	LDR BIAS	4.3835	4.3765	-0.007
56	50	LDR UNBIAS	4.255	4.278	0.023
57	50	LDR UNBIAS	4.3143	4.3023	-0.012
58	50	LDR UNBIAS	4.3459	4.3511	0.0052
59	50	LDR UNBIAS	4.4435	4.4507	0.0072
60	50	LDR UNBIAS	4.3601	4.3653	0.0052
61	100	LDR BIAS	4.37	4.391	0.021
62	100	LDR BIAS	4.389	4.4575	0.0685
63	100	LDR BIAS	4.3539	4.4037	0.0498
64	100	LDR BIAS	4.3228	4.3804	0.0576
65	100	LDR BIAS	4.3835	4.4066	0.0231
66	100	LDR UNBIAS	4.255	4.2986	0.0436
67	100	LDR UNBIAS	4.3143	4.3114	-0.0029
68	100	LDR UNBIAS	4.3459	4.3573	0.0114
69	100	LDR UNBIAS	4.4435	4.4621	0.0186
70	100	LDR UNBIAS	4.3601	4.2985	-0.0616

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	4.3238	4.3593	4.4014	0.034178	4.3095	4.3511	4.3958	0.037706	-0.0143	-0.008225	-0.0052	0.0042082
3	4.255	4.3538	4.4435	0.050348	4.2555	4.3555	4.4414	0.050094	-0.0228	0.00171	0.0408	0.01568
10	4.255	4.3538	4.4435	0.050348	4.2487	4.3517	4.4341	0.050919	-0.0136	-0.00208	0.0165	0.0091579
20	4.255	4.3538	4.4435	0.050348	4.2548	4.3889	4.725	0.12859	-0.0165	0.03515	0.3711	0.11829
30	4.255	4.3538	4.4435	0.050348	4.2605	4.3924	4.7468	0.13393	-0.0127	0.03862	0.3929	0.12475
50	4.255	4.3538	4.4435	0.050348	4.278	4.3913	4.6589	0.10674	-0.012	0.03752	0.305	0.094686
100	4.255	4.3538	4.4435	0.050348	4.2985	4.3767	4.4621	0.060109	-0.0616	0.02291	0.0685	0.037112

Device Test: 14.8 IDD|SUPPLY CURRENT/IN/5/5/0/0/5/500kHz//@IDD_ACT_500K_NOLOAD





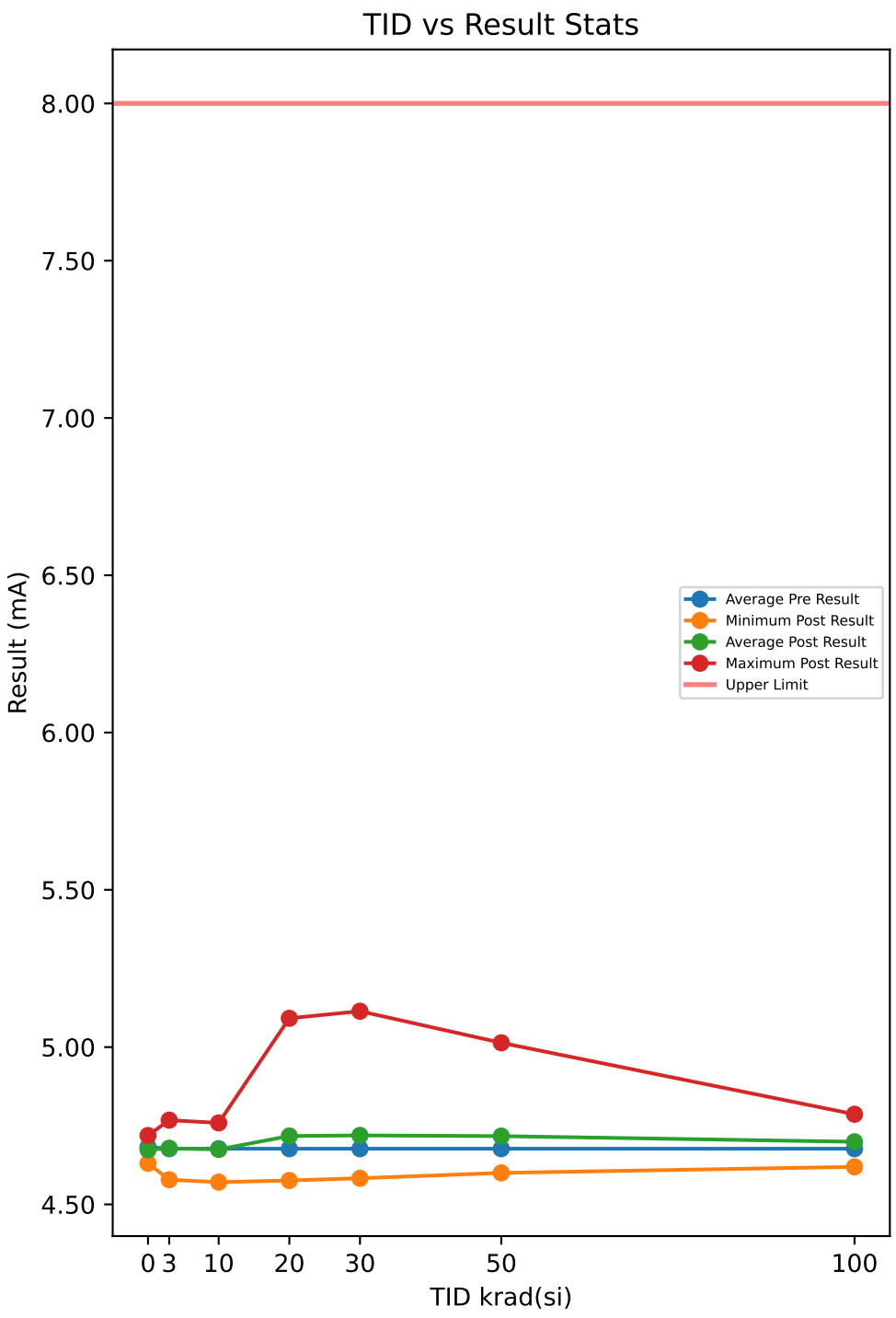
Test Results (Upper Limit = 17.0 (mA))

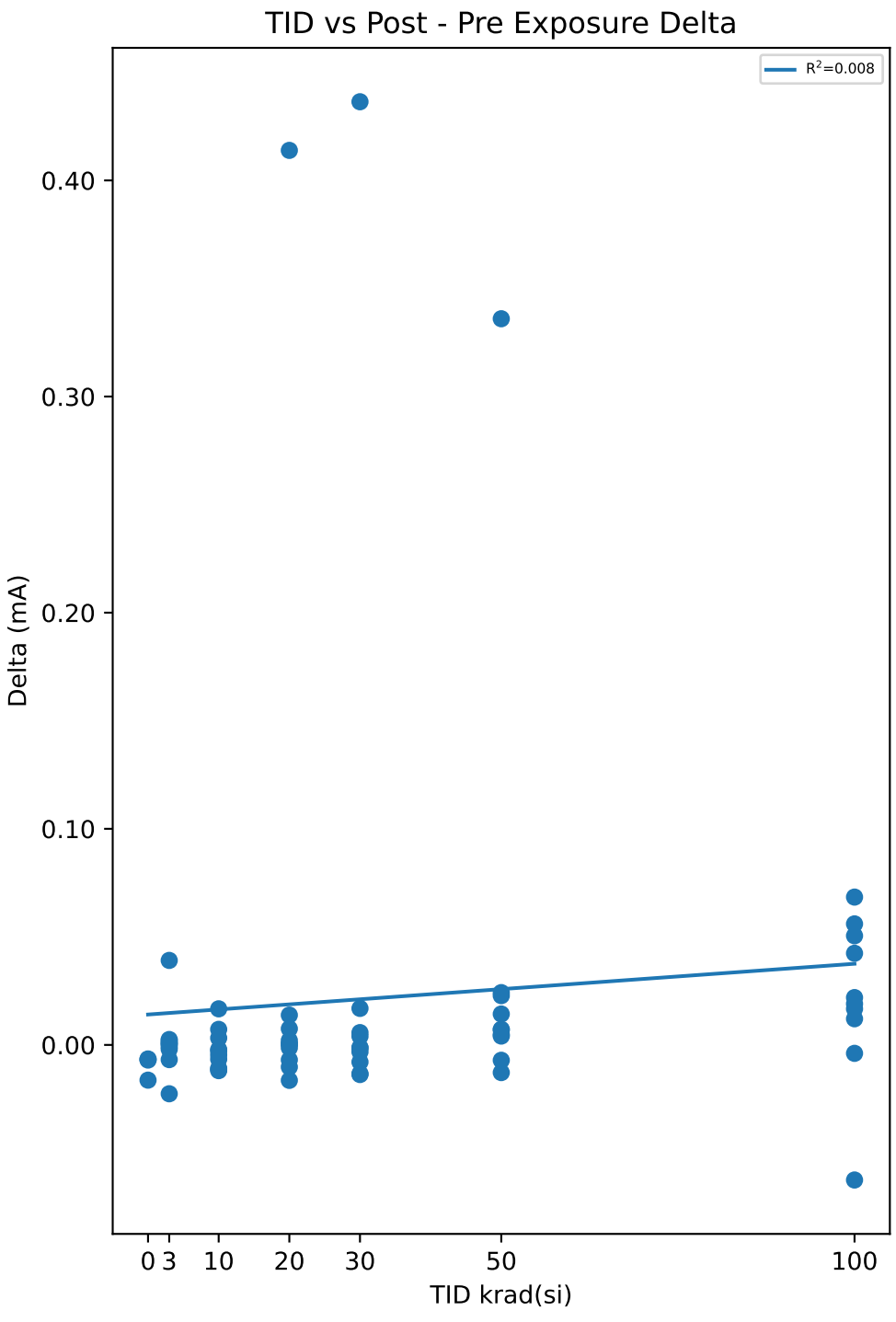
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.4035	7.4033	-0.0002
2	3	LDR BIAS	7.488	7.4199	-0.0681
3	3	LDR BIAS	7.4002	7.5047	0.1045
4	3	LDR BIAS	7.2933	7.2983	0.005
5	3	LDR BIAS	7.3641	7.3631	-0.001
6	3	LDR UNBIAS	7.1591	7.1644	0.0053
7	3	LDR UNBIAS	7.2932	7.2935	0.0003
8	3	LDR UNBIAS	7.366	7.3705	0.0045
9	3	LDR UNBIAS	7.5205	7.5154	-0.0051
10	3	LDR UNBIAS	7.357	7.3454	-0.0116
11	0	CORRELATION	7.4339	7.4272	-0.0067
12	0	CORRELATION	7.3593	7.3477	-0.0116
13	0	CORRELATION	7.2824	7.2648	-0.0176
14	0	CORRELATION	7.3244	7.3148	-0.0096
21	10	LDR BIAS	7.4035	7.394	-0.0095
22	10	LDR BIAS	7.488	7.5104	0.0224
23	10	LDR BIAS	7.4002	7.4323	0.0321
24	10	LDR BIAS	7.2933	7.2851	-0.0082
25	10	LDR BIAS	7.3641	7.3602	-0.0039
26	10	LDR UNBIAS	7.1591	7.1501	-0.009
27	10	LDR UNBIAS	7.2932	7.2814	-0.0118
28	10	LDR UNBIAS	7.366	7.3779	0.0119
29	10	LDR UNBIAS	7.5205	7.5108	-0.0097
30	10	LDR UNBIAS	7.357	7.3402	-0.0168
31	20	LDR BIAS	7.4035	7.399	-0.0045
32	20	LDR BIAS	7.488	7.4976	0.0096
33	20	LDR BIAS	7.4002	7.8306	0.4304
34	20	LDR BIAS	7.2933	7.2909	-0.0024
35	20	LDR BIAS	7.3641	7.3659	0.0018
36	20	LDR UNBIAS	7.1591	7.1636	0.0045
37	20	LDR UNBIAS	7.2932	7.276	-0.0172
38	20	LDR UNBIAS	7.366	7.3865	0.0205
39	20	LDR UNBIAS	7.5205	7.5303	0.0098
40	20	LDR UNBIAS	7.357	7.3372	-0.0198
41	30	LDR BIAS	7.4035	7.4147	0.0112
42	30	LDR BIAS	7.488	7.5206	0.0326
43	30	LDR BIAS	7.4002	7.8616	0.4614
44	30	LDR BIAS	7.2933	7.2961	0.0028
45	30	LDR BIAS	7.3641	7.3348	-0.0293
46	30	LDR UNBIAS	7.1591	7.1808	0.0217
47	30	LDR UNBIAS	7.2932	7.2763	-0.0169
48	30	LDR UNBIAS	7.366	7.3536	-0.0124
49	30	LDR UNBIAS	7.5205	7.5159	-0.0046
50	30	LDR UNBIAS	7.357	7.3631	0.0061
51	50	LDR BIAS	7.4035	7.4452	0.0417
52	50	LDR BIAS	7.488	7.5366	0.0486
53	50	LDR BIAS	7.4002	7.7526	0.3524
54	50	LDR BIAS	7.2933	7.2891	-0.0042
55	50	LDR BIAS	7.3641	7.3551	-0.009
56	50	LDR UNBIAS	7.1591	7.2163	0.0572
57	50	LDR UNBIAS	7.2932	7.2551	-0.0381
58	50	LDR UNBIAS	7.366	7.3683	0.0023
59	50	LDR UNBIAS	7.5205	7.5381	0.0176
60	50	LDR UNBIAS	7.357	7.3758	0.0188
61	100	LDR BIAS	7.4035	7.4437	0.0402
62	100	LDR BIAS	7.488	7.5921	0.1041
63	100	LDR BIAS	7.4002	7.465	0.0648
64	100	LDR BIAS	7.2933	7.3551	0.0618
65	100	LDR BIAS	7.3641	7.4115	0.0474
66	100	LDR UNBIAS	7.1591	7.258	0.0989
67	100	LDR UNBIAS	7.2932	7.287	-0.0062
68	100	LDR UNBIAS	7.366	7.3964	0.0304
69	100	LDR UNBIAS	7.5205	7.5579	0.0374
70	100	LDR UNBIAS	7.357	7.2559	-0.1011

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	7.2824	7.35	7.4339	0.064163	7.2648	7.3386	7.4272	0.06818	-0.0176	-0.011375	-0.0067	0.0046119
3	7.1591	7.3645	7.5205	0.10262	7.1644	7.3678	7.5154	0.10369	-0.0681	0.00336	0.1045	0.04174
10	7.1591	7.3645	7.5205	0.10262	7.1501	7.3642	7.5108	0.10961	-0.0168	-0.00025	0.0321	0.016474
20	7.1591	7.3645	7.5205	0.10262	7.1636	7.4078	7.8306	0.1825	-0.0198	0.04327	0.4304	0.13657
30	7.1591	7.3645	7.5205	0.10262	7.1808	7.4118	7.8616	0.18909	-0.0293	0.04726	0.4614	0.14666
50	7.1591	7.3645	7.5205	0.10262	7.2163	7.4132	7.7526	0.1609	-0.0381	0.04873	0.3524	0.11057
100	7.1591	7.3645	7.5205	0.10262	7.2559	7.4023	7.5921	0.11727	-0.1011	0.03777	0.1041	0.058515

Device Test: 14.9 IDD_DIS|STANDBY CURRENT/IN/5/5/0/0/5/500kHz//@IDD_DIS





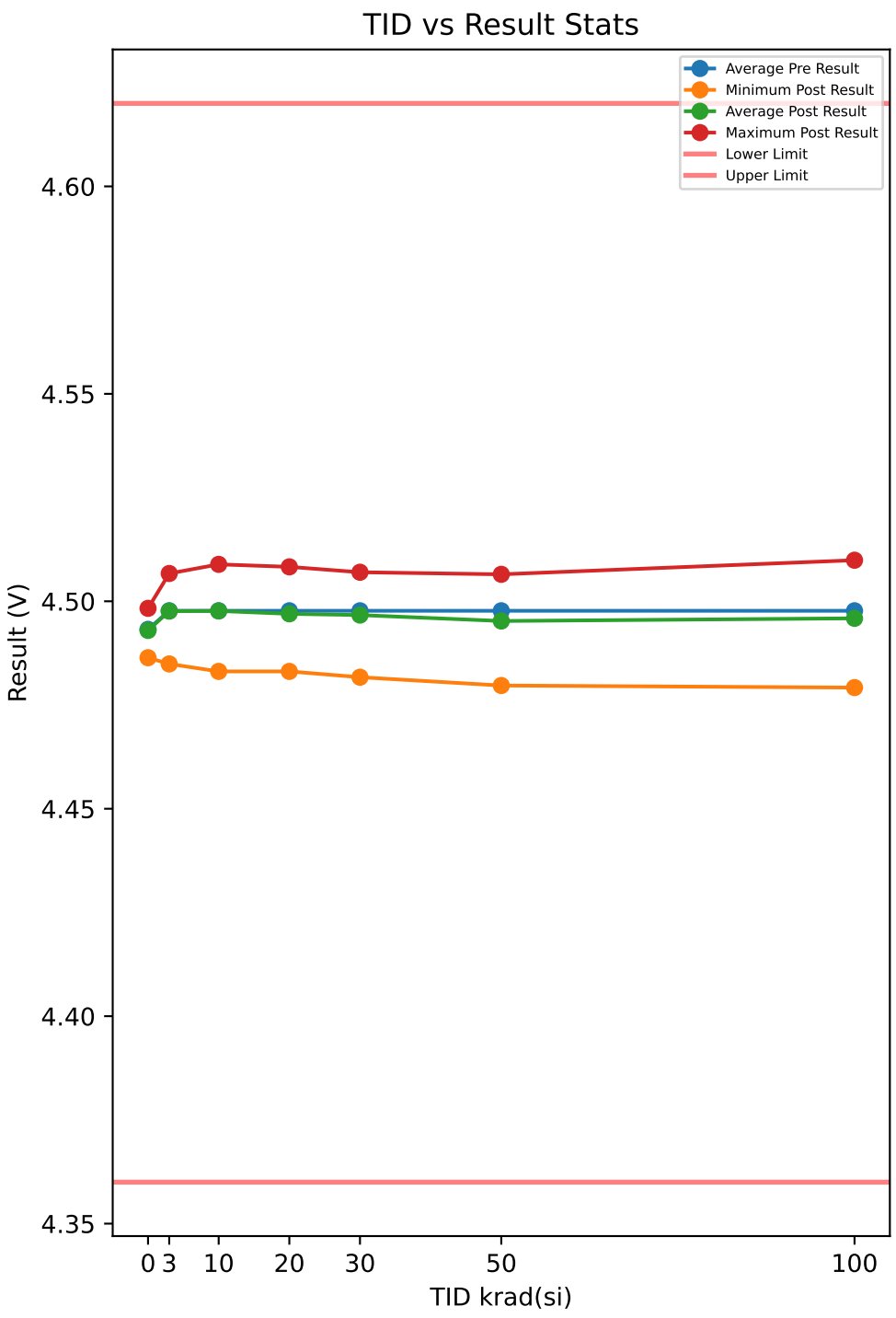
Test Results (Upper Limit = 8.0 (mA))

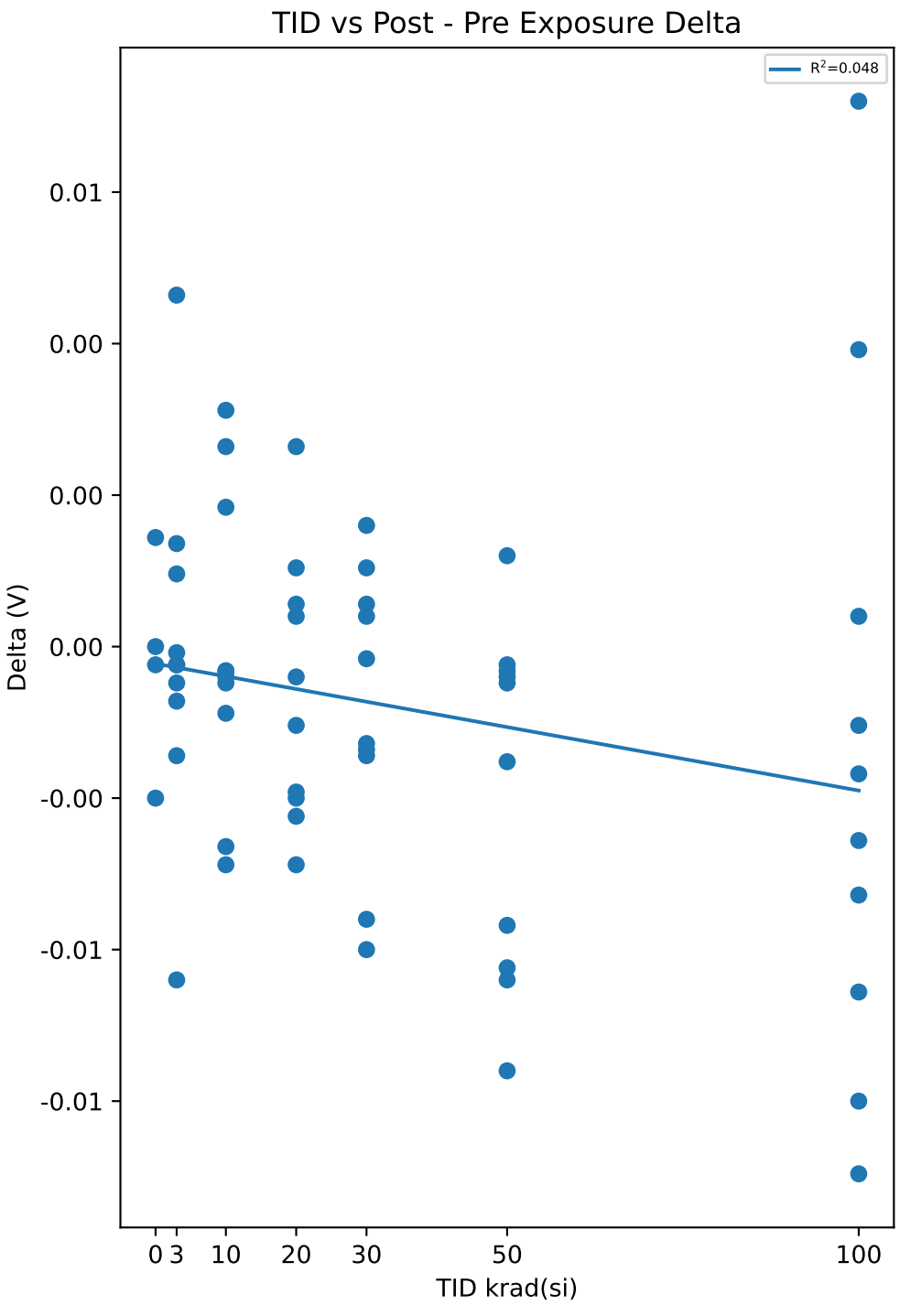
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.6939	4.6941	0.0002
2	3	LDR BIAS	4.7119	4.6893	-0.0226
3	3	LDR BIAS	4.6777	4.7168	0.0391
4	3	LDR BIAS	4.6464	4.6485	0.0021
5	3	LDR BIAS	4.7068	4.7059	-0.0009
6	3	LDR UNBIAS	4.5773	4.5783	0.001
7	3	LDR UNBIAS	4.6361	4.6368	0.0007
8	3	LDR UNBIAS	4.6682	4.6707	0.0025
9	3	LDR UNBIAS	4.7698	4.7678	-0.002
10	3	LDR UNBIAS	4.6818	4.675	-0.0068
11	0	CORRELATION	4.7256	4.7189	-0.0067
12	0	CORRELATION	4.6943	4.6878	-0.0065
13	0	CORRELATION	4.647	4.6307	-0.0163
14	0	CORRELATION	4.6633	4.6563	-0.007
21	10	LDR BIAS	4.6939	4.6826	-0.0113
22	10	LDR BIAS	4.7119	4.7191	0.0072
23	10	LDR BIAS	4.6777	4.6944	0.0167
24	10	LDR BIAS	4.6464	4.6443	-0.0021
25	10	LDR BIAS	4.7068	4.7041	-0.0027
26	10	LDR UNBIAS	4.5773	4.5707	-0.0066
27	10	LDR UNBIAS	4.6361	4.6315	-0.0046
28	10	LDR UNBIAS	4.6682	4.6714	0.0032
29	10	LDR UNBIAS	4.7698	4.759	-0.0108
30	10	LDR UNBIAS	4.6818	4.6699	-0.0119
31	20	LDR BIAS	4.6939	4.687	-0.0069
32	20	LDR BIAS	4.7119	4.714	0.0021
33	20	LDR BIAS	4.6777	5.0916	0.4139
34	20	LDR BIAS	4.6464	4.6468	0.0004
35	20	LDR BIAS	4.7068	4.7206	0.0138
36	20	LDR UNBIAS	4.5773	4.576	-0.0013
37	20	LDR UNBIAS	4.6361	4.6259	-0.0102
38	20	LDR UNBIAS	4.6682	4.6757	0.0075
39	20	LDR UNBIAS	4.7698	4.7702	0.0004
40	20	LDR UNBIAS	4.6818	4.6654	-0.0164
41	30	LDR BIAS	4.6939	4.6925	-0.0014
42	30	LDR BIAS	4.7119	4.7288	0.0169
43	30	LDR BIAS	4.6777	5.1141	0.4364
44	30	LDR BIAS	4.6464	4.6504	0.004
45	30	LDR BIAS	4.7068	4.6931	-0.0137
46	30	LDR UNBIAS	4.5773	4.583	0.0057
47	30	LDR UNBIAS	4.6361	4.6228	-0.0133
48	30	LDR UNBIAS	4.6682	4.665	-0.0032
49	30	LDR UNBIAS	4.7698	4.7619	-0.0079
50	30	LDR UNBIAS	4.6818	4.6806	-0.0012
51	50	LDR BIAS	4.6939	4.7082	0.0143
52	50	LDR BIAS	4.7119	4.7361	0.0242
53	50	LDR BIAS	4.6777	5.0137	0.336
54	50	LDR BIAS	4.6464	4.6536	0.0072
55	50	LDR BIAS	4.7068	4.6997	-0.0071
56	50	LDR UNBIAS	4.5773	4.6001	0.0228
57	50	LDR UNBIAS	4.6361	4.6233	-0.0128
58	50	LDR UNBIAS	4.6682	4.6723	0.0041
59	50	LDR UNBIAS	4.7698	4.7768	0.007
60	50	LDR UNBIAS	4.6818	4.6866	0.0048
61	100	LDR BIAS	4.6939	4.7129	0.019
62	100	LDR BIAS	4.7119	4.7803	0.0684
63	100	LDR BIAS	4.6777	4.7282	0.0505
64	100	LDR BIAS	4.6464	4.7024	0.056
65	100	LDR BIAS	4.7068	4.7287	0.0219
66	100	LDR UNBIAS	4.5773	4.6197	0.0424
67	100	LDR UNBIAS	4.6361	4.6322	-0.0039
68	100	LDR UNBIAS	4.6682	4.6803	0.0121
69	100	LDR UNBIAS	4.7698	4.7865	0.0167
70	100	LDR UNBIAS	4.6818	4.6193	-0.0625

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	4.647	4.6825	4.7256	0.034765	4.6307	4.6734	4.7189	0.038268	-0.0163	-0.009125	-0.0065	0.0047877
3	4.5773	4.677	4.7698	0.051266	4.5783	4.6783	4.7678	0.050885	-0.0226	0.00133	0.0391	0.015221
10	4.5773	4.677	4.7698	0.051266	4.5707	4.6747	4.759	0.051675	-0.0119	-0.00229	0.0167	0.0091341
20	4.5773	4.677	4.7698	0.051266	4.576	4.7173	5.0916	0.14203	-0.0164	0.04033	0.4139	0.13154
30	4.5773	4.677	4.7698	0.051266	4.583	4.7192	5.1141	0.14767	-0.0137	0.04223	0.4364	0.1388
50	4.5773	4.677	4.7698	0.051266	4.6001	4.717	5.0137	0.1163	-0.0128	0.04005	0.336	0.10463
100	4.5773	4.677	4.7698	0.051266	4.6193	4.699	4.7865	0.061154	-0.0625	0.02206	0.0684	0.037243

Device Test: 15.1 VLDO|V_VLDO/VLDO/5/5/0/0/4.5/500kHz//@V_LDO_4P5





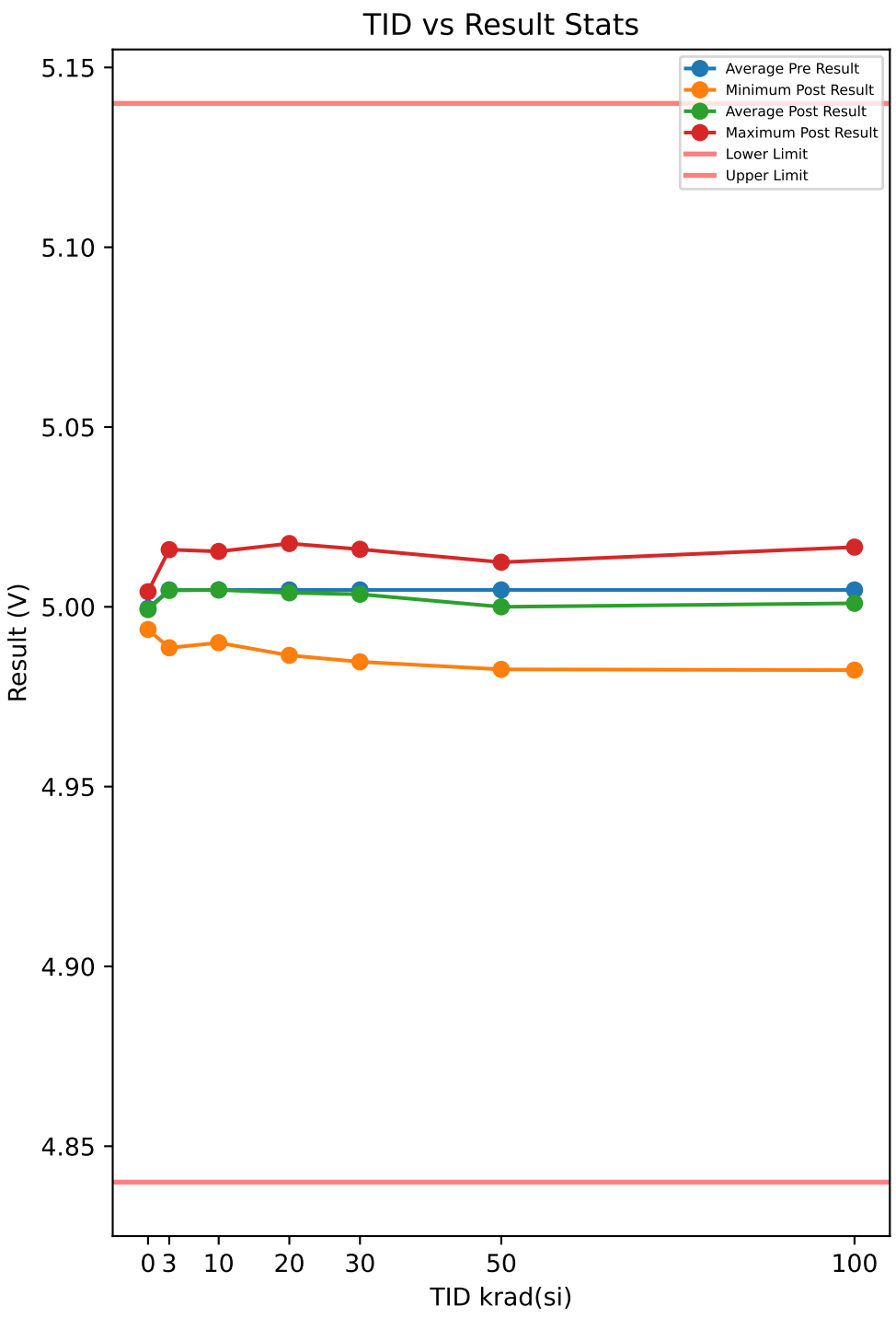
Test Results (Lower Limit = 4.36, Upper Limit = 4.62 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.505	4.5067	0.0017
2	3	LDR BIAS	4.4964	4.5022	0.0058
3	3	LDR BIAS	4.5032	4.4977	-0.0055
4	3	LDR BIAS	4.4867	4.4849	-0.0018
5	3	LDR BIAS	4.4968	4.4965	-0.0003
6	3	LDR UNBIAS	4.5	4.4999	-0.0001
7	3	LDR UNBIAS	4.5022	4.5016	-0.0006
8	3	LDR UNBIAS	4.4977	4.4974	-0.0003
9	3	LDR UNBIAS	4.4976	4.4967	-0.0009
10	3	LDR UNBIAS	4.4915	4.4927	0.0012
11	0	CORRELATION	4.4931	4.4906	-0.0025
12	0	CORRELATION	4.4983	4.4983	0
13	0	CORRELATION	4.4846	4.4864	0.0018
14	0	CORRELATION	4.4969	4.4966	-0.0003
21	10	LDR BIAS	4.505	4.5089	0.0039
22	10	LDR BIAS	4.4964	4.496	-0.0004
23	10	LDR BIAS	4.5032	4.5055	0.0023
24	10	LDR BIAS	4.4867	4.4831	-0.0036
25	10	LDR BIAS	4.4968	4.4957	-0.0011
26	10	LDR UNBIAS	4.5	4.4995	-0.0005
27	10	LDR UNBIAS	4.5022	4.4989	-0.0033
28	10	LDR UNBIAS	4.4977	4.4971	-0.0006
29	10	LDR UNBIAS	4.4976	4.5009	0.0033
30	10	LDR UNBIAS	4.4915	4.4911	-0.0004
31	20	LDR BIAS	4.505	4.5083	0.0033
32	20	LDR BIAS	4.4964	4.4951	-0.0013
33	20	LDR BIAS	4.5032	4.5037	0.0005
34	20	LDR BIAS	4.4867	4.4831	-0.0036
35	20	LDR BIAS	4.4968	4.4943	-0.0025
36	20	LDR UNBIAS	4.5	4.4995	-0.0005
37	20	LDR UNBIAS	4.5022	4.4998	-0.0024
38	20	LDR UNBIAS	4.4977	4.4949	-0.0028
39	20	LDR UNBIAS	4.4976	4.4983	0.0007
40	20	LDR UNBIAS	4.4915	4.4928	0.0013
41	30	LDR BIAS	4.505	4.507	0.002
42	30	LDR BIAS	4.4964	4.4969	0.0005
43	30	LDR BIAS	4.5032	4.5014	-0.0018
44	30	LDR BIAS	4.4867	4.4817	-0.005
45	30	LDR BIAS	4.4968	4.4951	-0.0017
46	30	LDR UNBIAS	4.5	4.4998	-0.0002
47	30	LDR UNBIAS	4.5022	4.5006	-0.0016
48	30	LDR UNBIAS	4.4977	4.4932	-0.0045
49	30	LDR UNBIAS	4.4976	4.4983	0.0007
50	30	LDR UNBIAS	4.4915	4.4928	0.0013
51	50	LDR BIAS	4.505	4.5065	0.0015
52	50	LDR BIAS	4.4964	4.4958	-0.0006
53	50	LDR BIAS	4.5032	4.4986	-0.0046
54	50	LDR BIAS	4.4867	4.4797	-0.007
55	50	LDR BIAS	4.4968	4.4964	-0.0004
56	50	LDR UNBIAS	4.5	4.4995	-0.0005
57	50	LDR UNBIAS	4.5022	4.4967	-0.0055
58	50	LDR UNBIAS	4.4977	4.4924	-0.0053
59	50	LDR UNBIAS	4.4976	4.4957	-0.0019
60	50	LDR UNBIAS	4.4915	4.4912	-0.0003
61	100	LDR BIAS	4.505	4.5099	0.0049
62	100	LDR BIAS	4.4964	4.4943	-0.0021
63	100	LDR BIAS	4.5032	4.4945	-0.0087
64	100	LDR BIAS	4.4867	4.4792	-0.0075
65	100	LDR BIAS	4.4968	4.4955	-0.0013
66	100	LDR UNBIAS	4.5	4.5005	0.0005
67	100	LDR UNBIAS	4.5022	4.4965	-0.0057
68	100	LDR UNBIAS	4.4977	4.4945	-0.0032
69	100	LDR UNBIAS	4.4976	4.4935	-0.0041
70	100	LDR UNBIAS	4.4915	4.5005	0.009

Test Statistics (V)

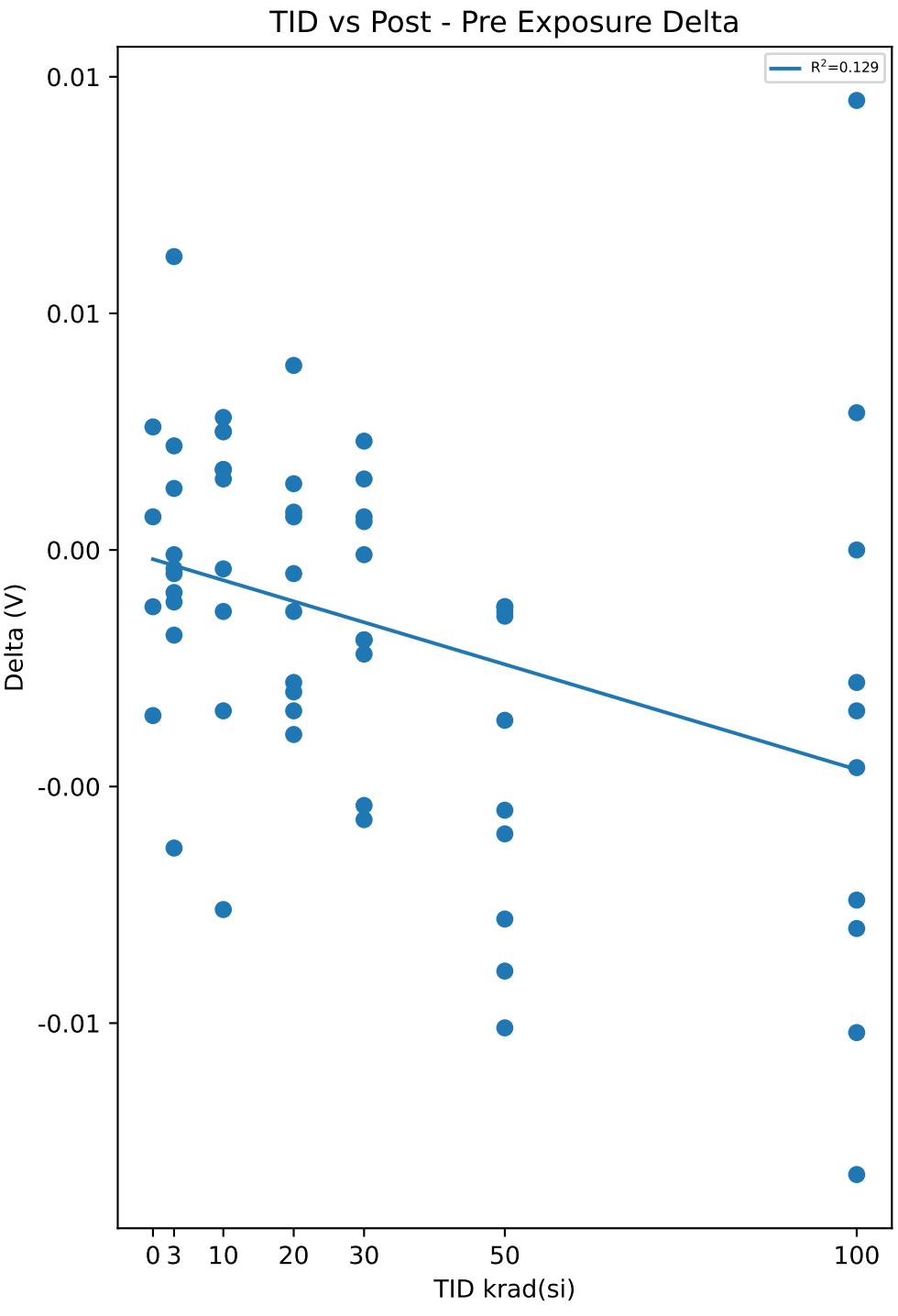
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.4846	4.4932	4.4983	0.0061554	4.4864	4.493	4.4983	0.0054884	-0.0025	-0.00025	0.0018	0.0017635
3	4.4867	4.4977	4.505	0.0054877	4.4849	4.4976	4.5067	0.0058937	-0.0055	-8e-05	0.0058	0.0028432
10	4.4867	4.4977	4.505	0.0054877	4.4831	4.4977	4.5089	0.0071892	-0.0036	-4e-05	0.0039	0.0025246
20	4.4867	4.4977	4.505	0.0054877	4.4831	4.497	4.5083	0.0067866	-0.0036	-0.00073	0.0033	0.0021792
30	4.4867	4.4977	4.505	0.0054877	4.4817	4.4967	4.507	0.0067546	-0.005	-0.00103	0.002	0.0023523
50	4.4867	4.4977	4.505	0.0054877	4.4797	4.4953	4.5065	0.0068808	-0.007	-0.00246	0.0015	0.002881
100	4.4867	4.4977	4.505	0.0054877	4.4792	4.4959	4.5099	0.0076737	-0.0087	-0.00182	0.009	0.0054743

Device Test: 15.11 VLDO|V_VLDO/VLDO/12/12/0/0/5/500kHz//@V_LDO_5



Test Results (Lower Limit = 4.84, Upper Limit = 5.14 (V))

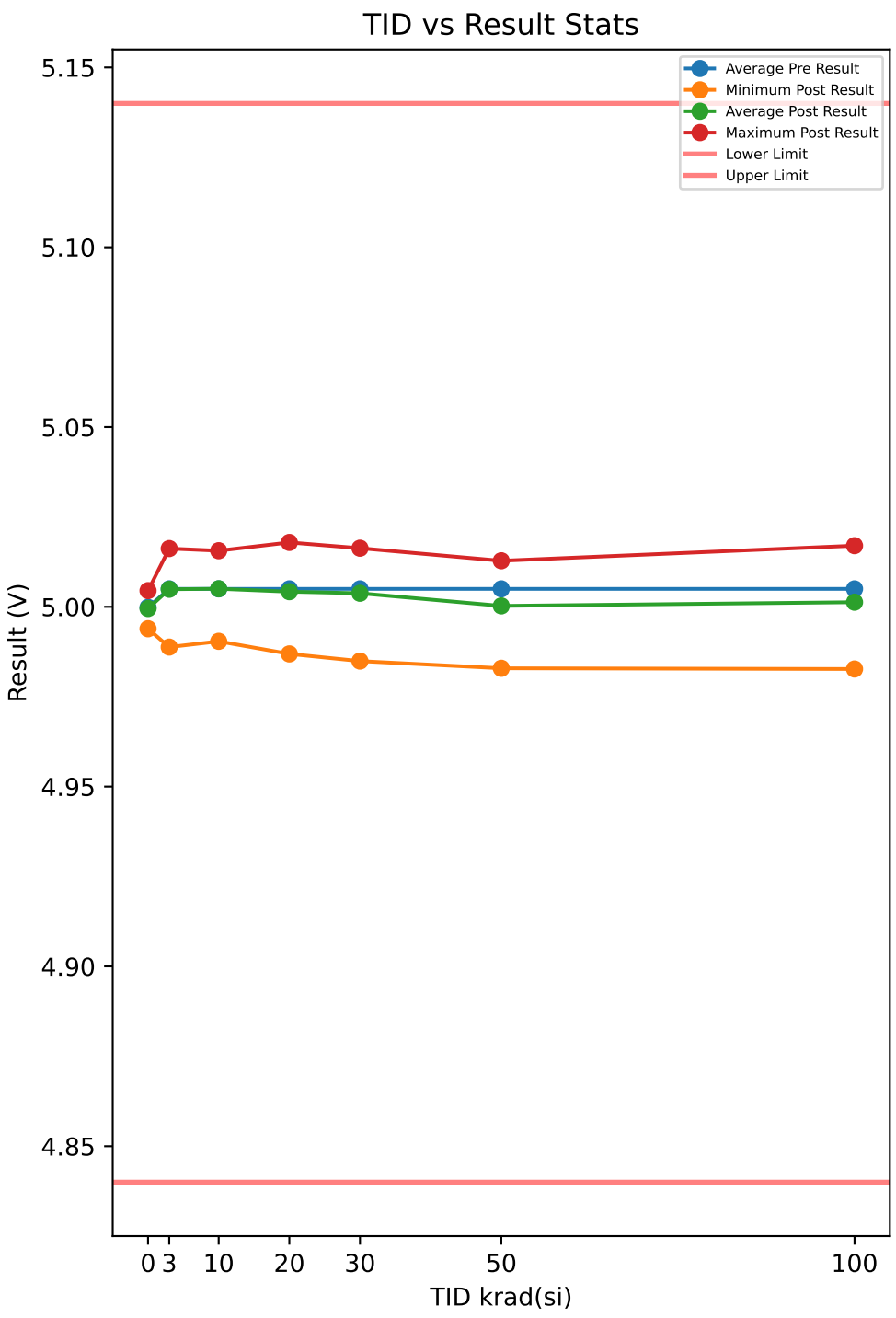
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.0137	5.0159	0.0022
2	3	LDR BIAS	5.0022	5.0084	0.0062
3	3	LDR BIAS	5.0127	5.0064	-0.0063
4	3	LDR BIAS	4.9904	4.9886	-0.0018
5	3	LDR BIAS	5.0051	5.0046	-0.0005
6	3	LDR UNBIAS	5.006	5.0059	-0.0001
7	3	LDR UNBIAS	5.0116	5.0105	-0.0011
8	3	LDR UNBIAS	5.003	5.0026	-0.0004
9	3	LDR UNBIAS	5.0057	5.0048	-0.0009
10	3	LDR UNBIAS	4.9966	4.9979	0.0013
11	0	CORRELATION	5.0012	4.9977	-0.0035
12	0	CORRELATION	5.0035	5.0042	0.0007
13	0	CORRELATION	4.9911	4.9937	0.0026
14	0	CORRELATION	5.0025	5.0013	-0.0012
21	10	LDR BIAS	5.0137	5.0154	0.0017
22	10	LDR BIAS	5.0022	5.0047	0.0025
23	10	LDR BIAS	5.0127	5.0114	-0.0013
24	10	LDR BIAS	4.9904	4.99	-0.0004
25	10	LDR BIAS	5.0051	5.0017	-0.0034
26	10	LDR UNBIAS	5.006	5.0085	0.0025
27	10	LDR UNBIAS	5.0116	5.004	-0.0076
28	10	LDR UNBIAS	5.003	5.0058	0.0028
29	10	LDR UNBIAS	5.0057	5.0072	0.0015
30	10	LDR UNBIAS	4.9966	4.9983	0.0017
31	20	LDR BIAS	5.0137	5.0176	0.0039
32	20	LDR BIAS	5.0022	5.0009	-0.0013
33	20	LDR BIAS	5.0127	5.0134	0.0007
34	20	LDR BIAS	4.9904	4.9865	-0.0039
35	20	LDR BIAS	5.0051	5.0021	-0.003
36	20	LDR UNBIAS	5.006	5.0055	-0.0005
37	20	LDR UNBIAS	5.0116	5.0088	-0.0028
38	20	LDR UNBIAS	5.003	4.9996	-0.0034
39	20	LDR UNBIAS	5.0057	5.0065	0.0008
40	20	LDR UNBIAS	4.9966	4.998	0.0014
41	30	LDR BIAS	5.0137	5.016	0.0023
42	30	LDR BIAS	5.0022	5.0029	0.0007
43	30	LDR BIAS	5.0127	5.0105	-0.0022
44	30	LDR BIAS	4.9904	4.9847	-0.0057
45	30	LDR BIAS	5.0051	5.0032	-0.0019
46	30	LDR UNBIAS	5.006	5.0059	-0.0001
47	30	LDR UNBIAS	5.0116	5.0097	-0.0019
48	30	LDR UNBIAS	5.003	4.9976	-0.0054
49	30	LDR UNBIAS	5.0057	5.0063	0.0006
50	30	LDR UNBIAS	4.9966	4.9981	0.0015
51	50	LDR BIAS	5.0137	5.0124	-0.0013
52	50	LDR BIAS	5.0022	5.0008	-0.0014
53	50	LDR BIAS	5.0127	5.0038	-0.0089
54	50	LDR BIAS	4.9904	4.9826	-0.0078
55	50	LDR BIAS	5.0051	5.0015	-0.0036
56	50	LDR UNBIAS	5.006	5.0048	-0.0012
57	50	LDR UNBIAS	5.0116	5.0015	-0.0101
58	50	LDR UNBIAS	5.003	4.997	-0.006
59	50	LDR UNBIAS	5.0057	5.0002	-0.0055
60	50	LDR UNBIAS	4.9966	4.9954	-0.0012
61	100	LDR BIAS	5.0137	5.0166	0.0029
62	100	LDR BIAS	5.0022	4.9994	-0.0028
63	100	LDR BIAS	5.0127	4.9995	-0.0132
64	100	LDR BIAS	4.9904	4.9824	-0.008
65	100	LDR BIAS	5.0051	5.0005	-0.0046
66	100	LDR UNBIAS	5.006	5.006	0
67	100	LDR UNBIAS	5.0116	5.0014	-0.0102
68	100	LDR UNBIAS	5.003	4.9996	-0.0034
69	100	LDR UNBIAS	5.0057	4.9983	-0.0074
70	100	LDR UNBIAS	4.9966	5.0061	0.0095



Test Statistics (V)

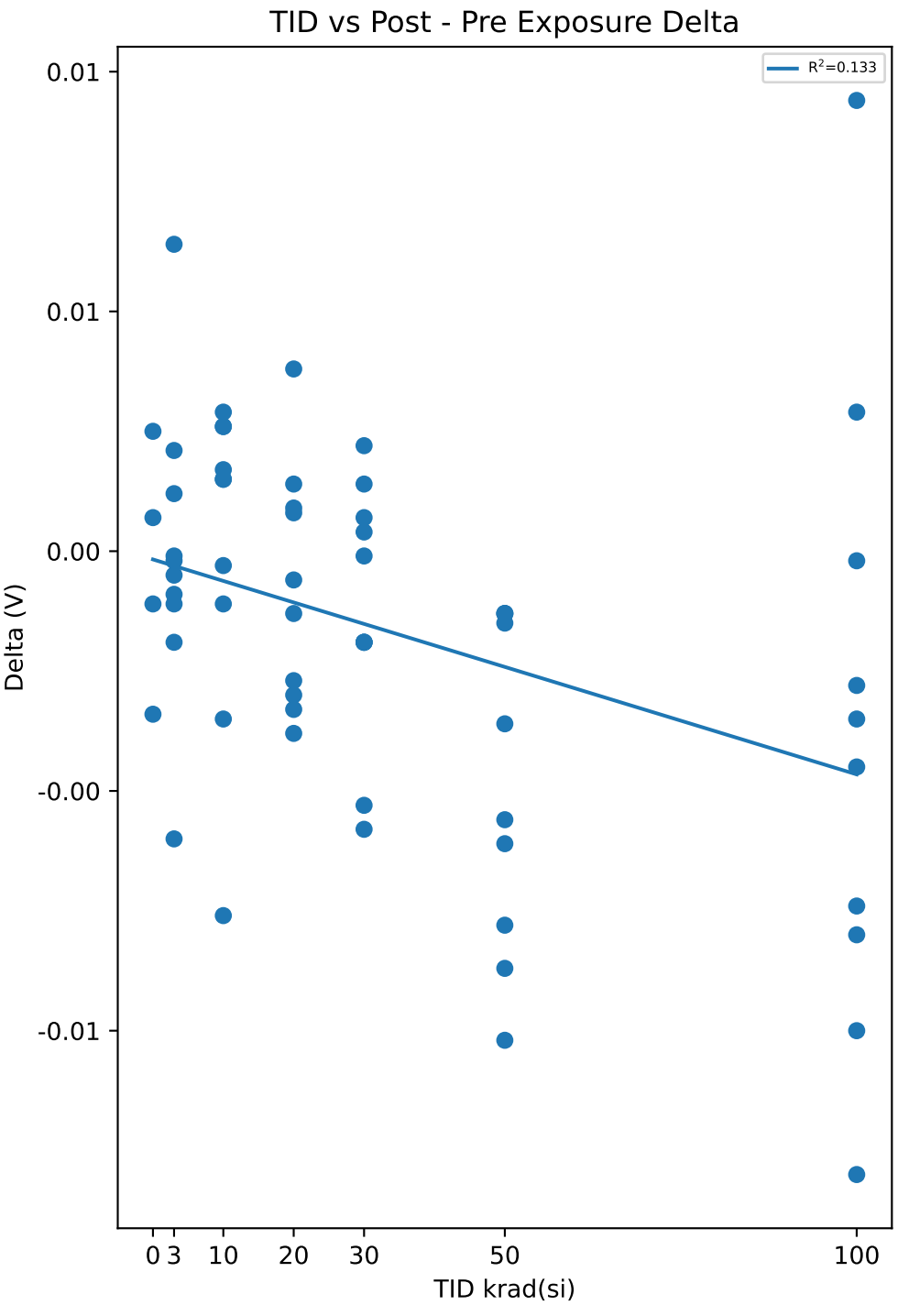
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9911	4.9996	5.0035	0.0057279	4.9937	4.9992	5.0042	0.0045427	-0.0035	-0.00035	0.0026	0.0026109
3	4.9904	5.0047	5.0137	0.0072625	4.9886	5.0046	5.0159	0.0073544	-0.0063	-0.00014	0.0062	0.0031648
10	4.9904	5.0047	5.0137	0.0072625	4.99	5.0047	5.0154	0.0070539	-0.0076	-8.8818e-17	0.0028	0.0033257
20	4.9904	5.0047	5.0137	0.0072625	4.9865	5.0039	5.0176	0.0086895	-0.0039	-0.00081	0.0039	0.002523
30	4.9904	5.0047	5.0137	0.0072625	4.9847	5.0035	5.016	0.0086612	-0.0057	-0.00121	0.0023	0.002738
50	4.9904	5.0047	5.0137	0.0072625	4.9826	5	5.0124	0.0076691	-0.0101	-0.0047	-0.0012	0.0034464
100	4.9904	5.0047	5.0137	0.0072625	4.9824	5.001	5.0166	0.0085297	-0.0132	-0.00372	0.0095	0.0066489

Device Test: 15.12 VLDO|V_VLDO/VLDO/14/14/0/0/5/500kHz//@V_LDO_5



Test Results (Lower Limit = 4.84, Upper Limit = 5.14 (V))

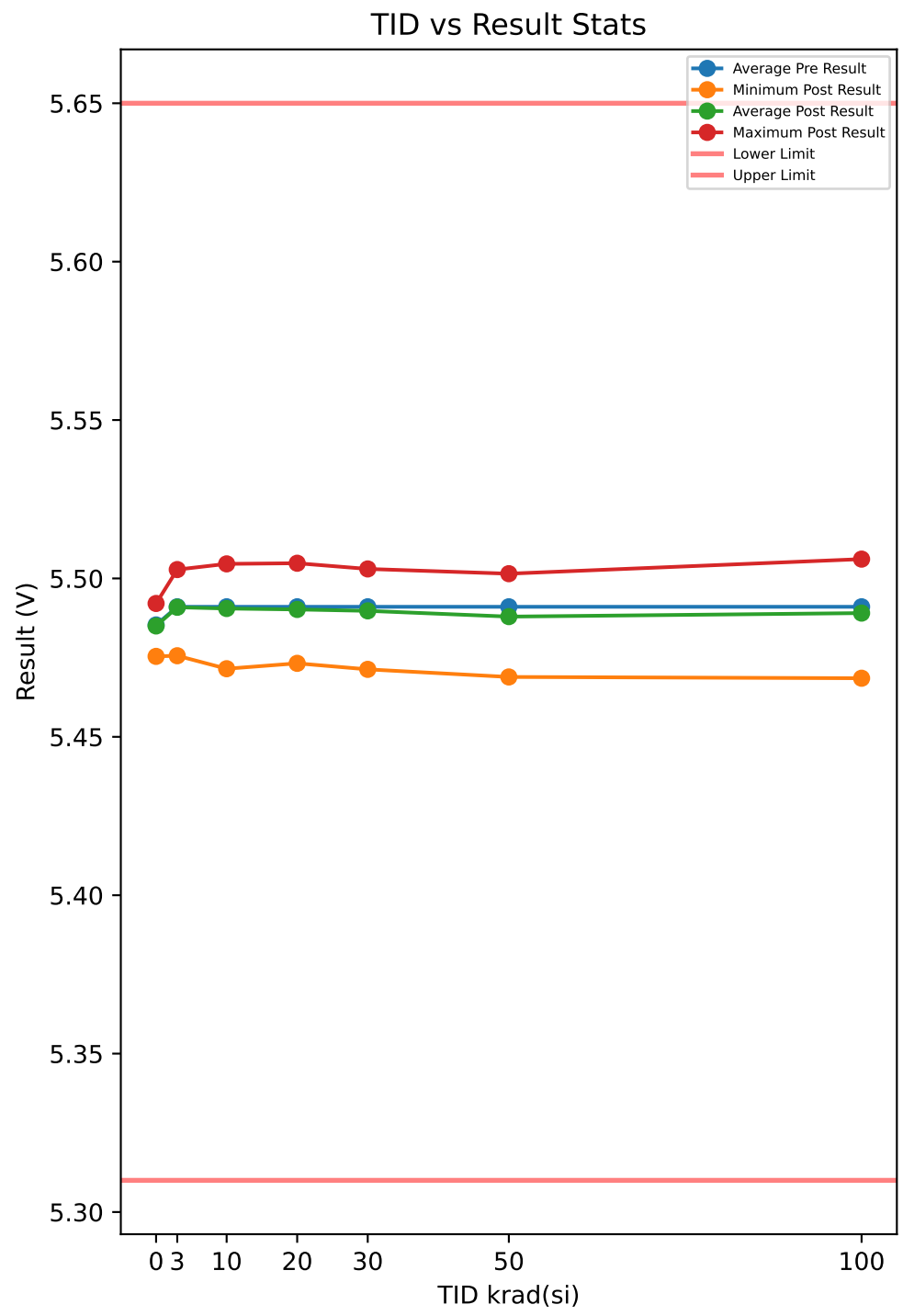
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.0141	5.0162	0.0021
2	3	LDR BIAS	5.0025	5.0089	0.0064
3	3	LDR BIAS	5.0128	5.0068	-0.006
4	3	LDR BIAS	4.9907	4.9888	-0.0019
5	3	LDR BIAS	5.0054	5.0049	-0.0005
6	3	LDR UNBIAS	5.0063	5.0062	-0.0001
7	3	LDR UNBIAS	5.0118	5.0107	-0.0011
8	3	LDR UNBIAS	5.0033	5.0031	-0.0002
9	3	LDR UNBIAS	5.006	5.0051	-0.0009
10	3	LDR UNBIAS	4.997	4.9982	0.0012
11	0	CORRELATION	5.0014	4.998	-0.0034
12	0	CORRELATION	5.0038	5.0045	0.0007
13	0	CORRELATION	4.9914	4.9939	0.0025
14	0	CORRELATION	5.0028	5.0017	-0.0011
21	10	LDR BIAS	5.0141	5.0156	0.0015
22	10	LDR BIAS	5.0025	5.0051	0.0026
23	10	LDR BIAS	5.0128	5.0117	-0.0011
24	10	LDR BIAS	4.9907	4.9904	-0.0003
25	10	LDR BIAS	5.0054	5.0019	-0.0035
26	10	LDR UNBIAS	5.0063	5.0089	0.0026
27	10	LDR UNBIAS	5.0118	5.0042	-0.0076
28	10	LDR UNBIAS	5.0033	5.0062	0.0029
29	10	LDR UNBIAS	5.006	5.0075	0.0015
30	10	LDR UNBIAS	4.997	4.9987	0.0017
31	20	LDR BIAS	5.0141	5.0179	0.0038
32	20	LDR BIAS	5.0025	5.0012	-0.0013
33	20	LDR BIAS	5.0128	5.0137	0.0009
34	20	LDR BIAS	4.9907	4.9869	-0.0038
35	20	LDR BIAS	5.0054	5.0024	-0.003
36	20	LDR UNBIAS	5.0063	5.0057	-0.0006
37	20	LDR UNBIAS	5.0118	5.0091	-0.0027
38	20	LDR UNBIAS	5.0033	5	-0.0033
39	20	LDR UNBIAS	5.006	5.0068	0.0008
40	20	LDR UNBIAS	4.997	4.9984	0.0014
41	30	LDR BIAS	5.0141	5.0163	0.0022
42	30	LDR BIAS	5.0025	5.0032	0.0007
43	30	LDR BIAS	5.0128	5.0109	-0.0019
44	30	LDR BIAS	4.9907	4.9849	-0.0058
45	30	LDR BIAS	5.0054	5.0035	-0.0019
46	30	LDR UNBIAS	5.0063	5.0062	-0.0001
47	30	LDR UNBIAS	5.0118	5.0099	-0.0019
48	30	LDR UNBIAS	5.0033	4.998	-0.0053
49	30	LDR UNBIAS	5.006	5.0064	0.0004
50	30	LDR UNBIAS	4.997	4.9984	0.0014
51	50	LDR BIAS	5.0141	5.0128	-0.0013
52	50	LDR BIAS	5.0025	5.001	-0.0015
53	50	LDR BIAS	5.0128	5.0041	-0.0087
54	50	LDR BIAS	4.9907	4.9829	-0.0078
55	50	LDR BIAS	5.0054	5.0018	-0.0036
56	50	LDR UNBIAS	5.0063	5.005	-0.0013
57	50	LDR UNBIAS	5.0118	5.0016	-0.0102
58	50	LDR UNBIAS	5.0033	4.9972	-0.0061
59	50	LDR UNBIAS	5.006	5.0004	-0.0056
60	50	LDR UNBIAS	4.997	4.9957	-0.0013
61	100	LDR BIAS	5.0141	5.017	0.0029
62	100	LDR BIAS	5.0025	4.9997	-0.0028
63	100	LDR BIAS	5.0128	4.9998	-0.013
64	100	LDR BIAS	4.9907	4.9827	-0.008
65	100	LDR BIAS	5.0054	5.0009	-0.0045
66	100	LDR UNBIAS	5.0063	5.0061	-0.0002
67	100	LDR UNBIAS	5.0118	5.0018	-0.01
68	100	LDR UNBIAS	5.0033	4.9998	-0.0035
69	100	LDR UNBIAS	5.006	4.9986	-0.0074
70	100	LDR UNBIAS	4.997	5.0064	0.0094



Test Statistics (V)

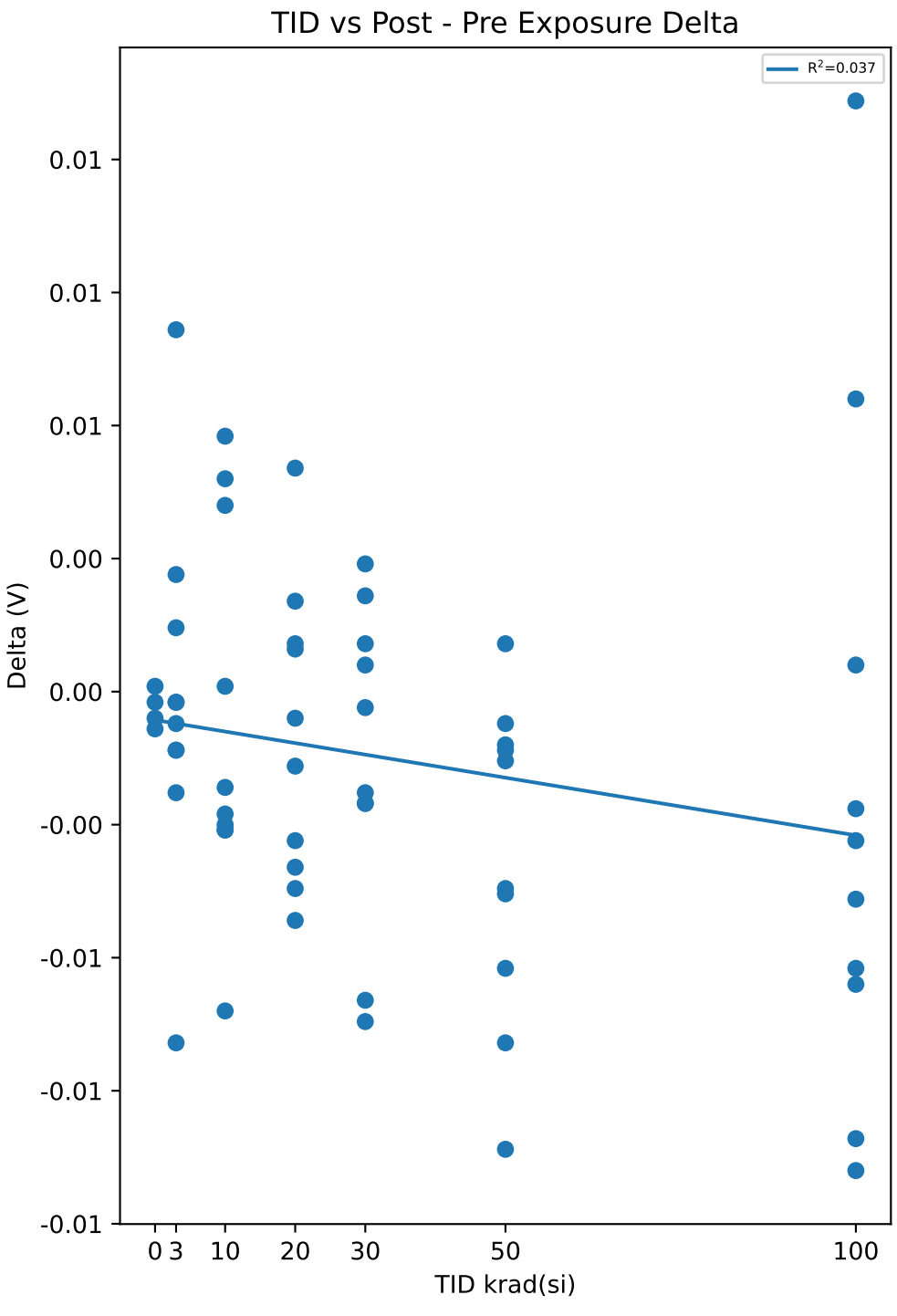
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9914	4.9999	5.0038	0.0057187	4.9939	4.9995	5.0045	0.0045988	-0.0034	-0.000325	0.0025	0.0025224
3	4.9907	5.005	5.0141	0.0072293	4.9888	5.0049	5.0162	0.0073787	-0.006	-0.0001	0.0064	0.0031383
10	4.9907	5.005	5.0141	0.0072293	4.9904	5.005	5.0156	0.0070179	-0.0076	3e-05	0.0029	0.0033437
20	4.9907	5.005	5.0141	0.0072293	4.9869	5.0042	5.0179	0.0086524	-0.0038	-0.00078	0.0038	0.0024818
30	4.9907	5.005	5.0141	0.0072293	4.9849	5.0038	5.0163	0.0086721	-0.0058	-0.00122	0.0022	0.0026902
50	4.9907	5.005	5.0141	0.0072293	4.9829	5.0002	5.0128	0.0076792	-0.0102	-0.00474	-0.0013	0.0034115
100	4.9907	5.005	5.0141	0.0072293	4.9827	5.0013	5.017	0.0085392	-0.013	-0.00371	0.0094	0.0065597

Device Test: 15.15 VLDO|V_VLDO/VLDO/6/6/0/0/5.5/500kHz//@V_LDO_5P5



Test Results (Lower Limit = 5.31, Upper Limit = 5.65 (V))

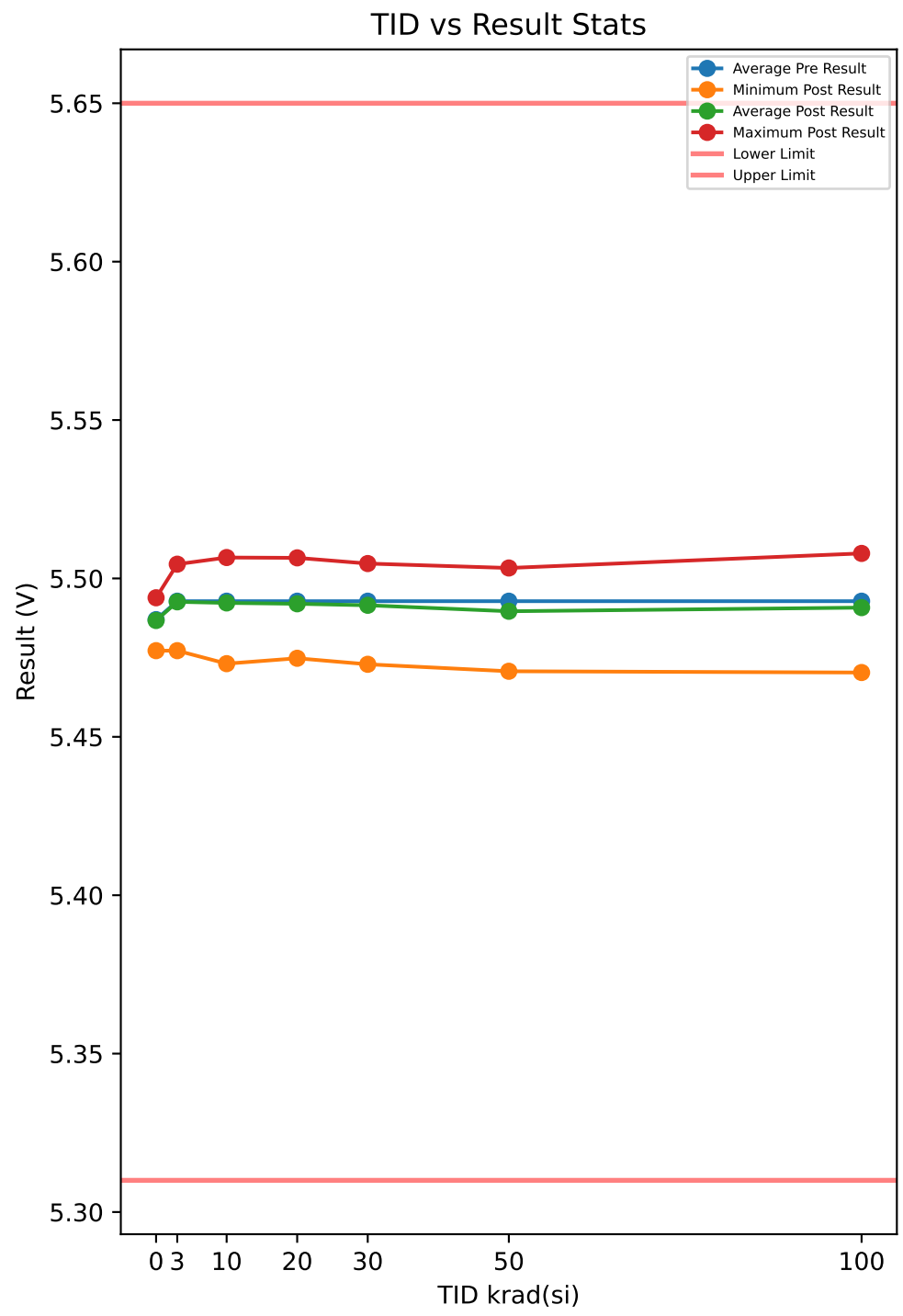
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.5006	5.5028	0.0022
2	3	LDR BIAS	5.49	5.4968	0.0068
3	3	LDR BIAS	5.4959	5.4893	-0.0066
4	3	LDR BIAS	5.4775	5.4756	-0.0019
5	3	LDR BIAS	5.4912	5.4906	-0.0006
6	3	LDR UNBIAS	5.4942	5.494	-0.0002
7	3	LDR UNBIAS	5.4946	5.4935	-0.0011
8	3	LDR UNBIAS	5.4913	5.4911	-0.0002
9	3	LDR UNBIAS	5.4916	5.4905	-0.0011
10	3	LDR UNBIAS	5.4836	5.4848	0.0012
11	0	CORRELATION	5.4833	5.4831	-0.0002
12	0	CORRELATION	5.492	5.4921	0.0001
13	0	CORRELATION	5.4759	5.4754	-0.0005
14	0	CORRELATION	5.4901	5.4894	-0.0007
21	10	LDR BIAS	5.5006	5.5046	0.004
22	10	LDR BIAS	5.49	5.4874	-0.0026
23	10	LDR BIAS	5.4959	5.5007	0.0048
24	10	LDR BIAS	5.4775	5.4715	-0.006
25	10	LDR BIAS	5.4912	5.4894	-0.0018
26	10	LDR UNBIAS	5.4942	5.4917	-0.0025
27	10	LDR UNBIAS	5.4946	5.4923	-0.0023
28	10	LDR UNBIAS	5.4913	5.4887	-0.0026
29	10	LDR UNBIAS	5.4916	5.4951	0.0035
30	10	LDR UNBIAS	5.4836	5.4837	0.0001
31	20	LDR BIAS	5.5006	5.5048	0.0042
32	20	LDR BIAS	5.49	5.4886	-0.0014
33	20	LDR BIAS	5.4959	5.4967	0.0008
34	20	LDR BIAS	5.4775	5.4732	-0.0043
35	20	LDR BIAS	5.4912	5.4879	-0.0033
36	20	LDR UNBIAS	5.4942	5.4937	-0.0005
37	20	LDR UNBIAS	5.4946	5.4918	-0.0028
38	20	LDR UNBIAS	5.4913	5.4876	-0.0037
39	20	LDR UNBIAS	5.4916	5.4925	0.0009
40	20	LDR UNBIAS	5.4836	5.4853	0.0017
41	30	LDR BIAS	5.5006	5.503	0.0024
42	30	LDR BIAS	5.49	5.4909	0.0009
43	30	LDR BIAS	5.4959	5.4938	-0.0021
44	30	LDR BIAS	5.4775	5.4713	-0.0062
45	30	LDR BIAS	5.4912	5.4891	-0.0021
46	30	LDR UNBIAS	5.4942	5.4939	-0.0003
47	30	LDR UNBIAS	5.4946	5.4927	-0.0019
48	30	LDR UNBIAS	5.4913	5.4855	-0.0058
49	30	LDR UNBIAS	5.4916	5.4921	0.0005
50	30	LDR UNBIAS	5.4836	5.4854	0.0018
51	50	LDR BIAS	5.5006	5.5015	0.0009
52	50	LDR BIAS	5.49	5.4889	-0.0011
53	50	LDR BIAS	5.4959	5.4921	-0.0038
54	50	LDR BIAS	5.4775	5.4689	-0.0086
55	50	LDR BIAS	5.4912	5.4899	-0.0013
56	50	LDR UNBIAS	5.4942	5.4932	-0.001
57	50	LDR UNBIAS	5.4946	5.4894	-0.0052
58	50	LDR UNBIAS	5.4913	5.4847	-0.0066
59	50	LDR UNBIAS	5.4916	5.4879	-0.0037
60	50	LDR UNBIAS	5.4836	5.483	-0.0006
61	100	LDR BIAS	5.5006	5.5061	0.0055
62	100	LDR BIAS	5.49	5.4872	-0.0028
63	100	LDR BIAS	5.4959	5.4875	-0.0084
64	100	LDR BIAS	5.4775	5.4685	-0.009
65	100	LDR BIAS	5.4912	5.489	-0.0022
66	100	LDR UNBIAS	5.4942	5.4947	0.0005
67	100	LDR UNBIAS	5.4946	5.4894	-0.0052
68	100	LDR UNBIAS	5.4913	5.4874	-0.0039
69	100	LDR UNBIAS	5.4916	5.4861	-0.0055
70	100	LDR UNBIAS	5.4836	5.4947	0.0111



Test Statistics (V)

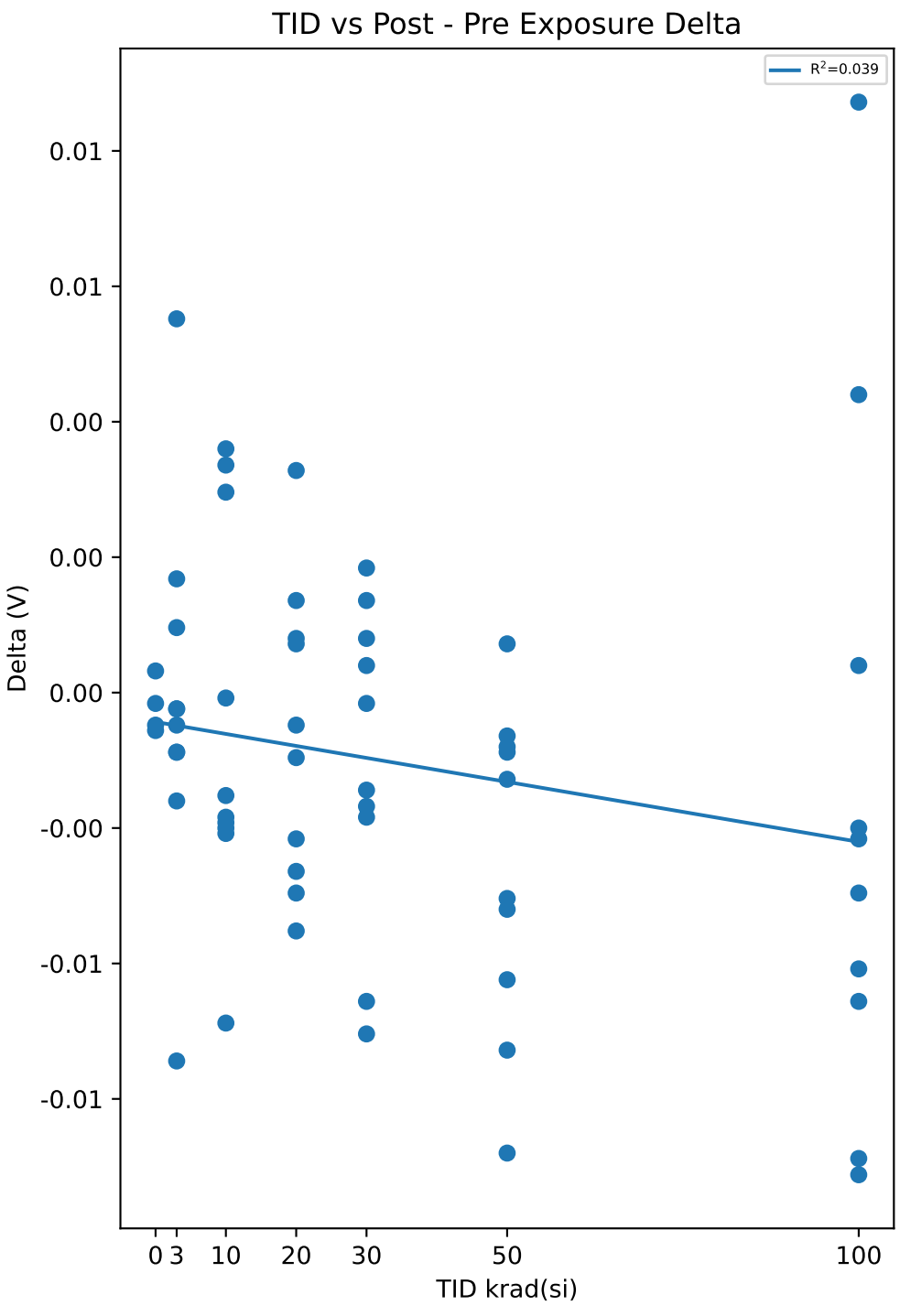
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4759	5.4853	5.492	0.0073095	5.4754	5.485	5.4921	0.0074283	-0.0007	-0.000325	0.0001	0.00035
3	5.4775	5.491	5.5006	0.0064794	5.4756	5.4909	5.5028	0.0072029	-0.0066	-0.00015	0.0068	0.0033719
10	5.4775	5.491	5.5006	0.0064794	5.4715	5.4905	5.5046	0.0091286	-0.006	-0.00054	0.0048	0.0035384
20	5.4775	5.491	5.5006	0.0064794	5.4732	5.4902	5.5048	0.0081862	-0.0043	-0.00084	0.0042	0.0027496
30	5.4775	5.491	5.5006	0.0064794	5.4713	5.4898	5.503	0.0081822	-0.0062	-0.00128	0.0024	0.0029491
50	5.4775	5.491	5.5006	0.0064794	5.4689	5.4879	5.5015	0.0083876	-0.0086	-0.0031	0.0009	0.0030122
100	5.4775	5.491	5.5006	0.0064794	5.4685	5.4891	5.5061	0.009394	-0.009	-0.00199	0.0111	0.0062437

Device Test: 15.18 VLDO|V_VLDO/VLDO/12/12/0/0/5.5/500kHz//@V_LDO_5P5



Test Results (Lower Limit = 5.31, Upper Limit = 5.65 (V))

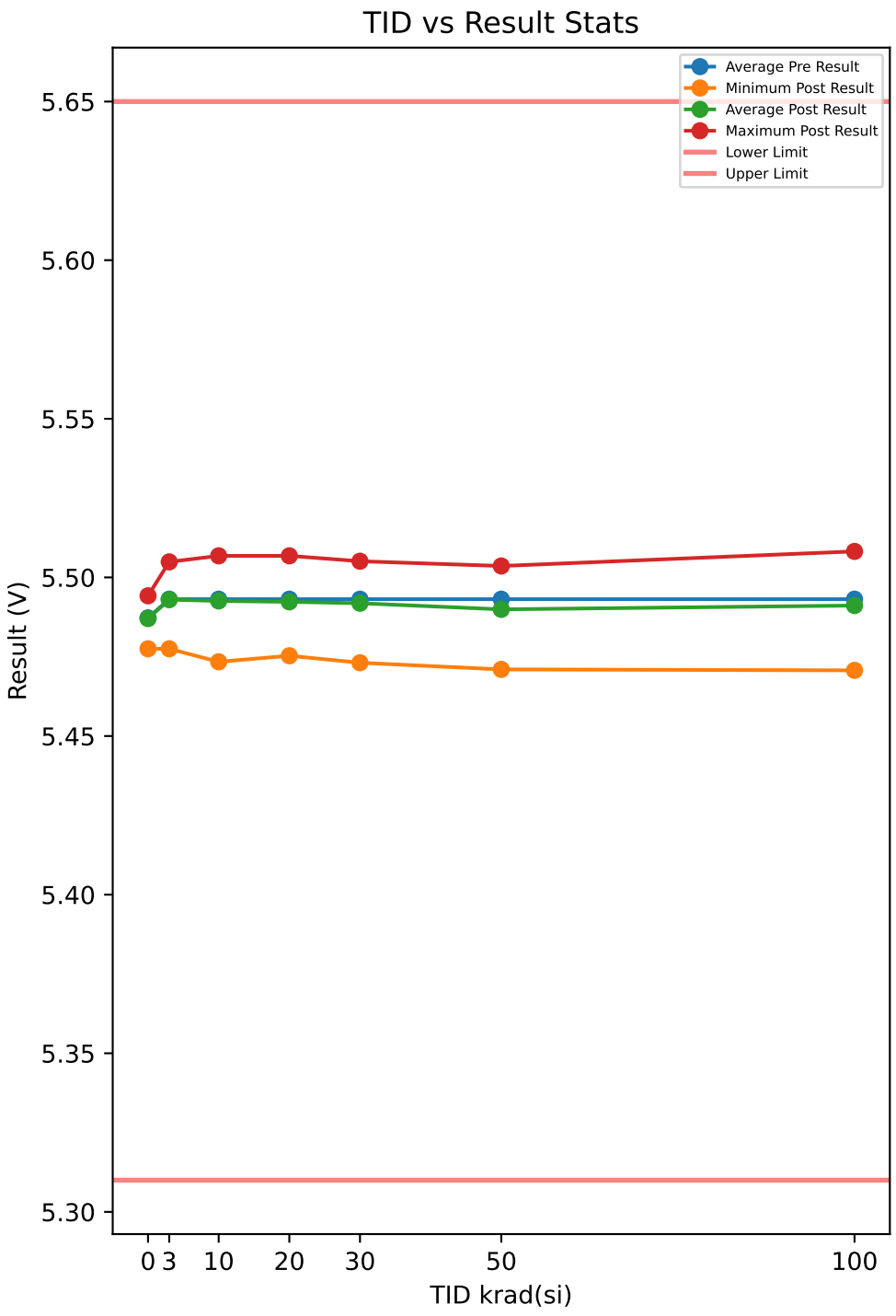
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.5024	5.5045	0.0021
2	3	LDR BIAS	5.4917	5.4986	0.0069
3	3	LDR BIAS	5.4978	5.491	-0.0068
4	3	LDR BIAS	5.4792	5.4772	-0.002
5	3	LDR BIAS	5.493	5.4924	-0.0006
6	3	LDR UNBIAS	5.4959	5.4956	-0.0003
7	3	LDR UNBIAS	5.4964	5.4953	-0.0011
8	3	LDR UNBIAS	5.493	5.4927	-0.0003
9	3	LDR UNBIAS	5.4934	5.4923	-0.0011
10	3	LDR UNBIAS	5.4854	5.4866	0.0012
11	0	CORRELATION	5.4853	5.4847	-0.0006
12	0	CORRELATION	5.4935	5.4939	0.0004
13	0	CORRELATION	5.4774	5.4772	-0.0002
14	0	CORRELATION	5.4918	5.4911	-0.0007
21	10	LDR BIAS	5.5024	5.5066	0.0042
22	10	LDR BIAS	5.4917	5.4894	-0.0023
23	10	LDR BIAS	5.4978	5.5023	0.0045
24	10	LDR BIAS	5.4792	5.4731	-0.0061
25	10	LDR BIAS	5.493	5.4911	-0.0019
26	10	LDR UNBIAS	5.4959	5.4934	-0.0025
27	10	LDR UNBIAS	5.4964	5.494	-0.0024
28	10	LDR UNBIAS	5.493	5.4904	-0.0026
29	10	LDR UNBIAS	5.4934	5.4971	0.0037
30	10	LDR UNBIAS	5.4854	5.4853	-0.0001
31	20	LDR BIAS	5.5024	5.5065	0.0041
32	20	LDR BIAS	5.4917	5.4905	-0.0012
33	20	LDR BIAS	5.4978	5.4988	0.001
34	20	LDR BIAS	5.4792	5.4748	-0.0044
35	20	LDR BIAS	5.493	5.4897	-0.0033
36	20	LDR UNBIAS	5.4959	5.4953	-0.0006
37	20	LDR UNBIAS	5.4964	5.4937	-0.0027
38	20	LDR UNBIAS	5.493	5.4893	-0.0037
39	20	LDR UNBIAS	5.4934	5.4943	0.0009
40	20	LDR UNBIAS	5.4854	5.4871	0.0017
41	30	LDR BIAS	5.5024	5.5047	0.0023
42	30	LDR BIAS	5.4917	5.4927	0.001
43	30	LDR BIAS	5.4978	5.4957	-0.0021
44	30	LDR BIAS	5.4792	5.4729	-0.0063
45	30	LDR BIAS	5.493	5.4907	-0.0023
46	30	LDR UNBIAS	5.4959	5.4957	-0.0002
47	30	LDR UNBIAS	5.4964	5.4946	-0.0018
48	30	LDR UNBIAS	5.493	5.4873	-0.0057
49	30	LDR UNBIAS	5.4934	5.4939	0.0005
50	30	LDR UNBIAS	5.4854	5.4871	0.0017
51	50	LDR BIAS	5.5024	5.5033	0.0009
52	50	LDR BIAS	5.4917	5.4907	-0.001
53	50	LDR BIAS	5.4978	5.4938	-0.004
54	50	LDR BIAS	5.4792	5.4707	-0.0085
55	50	LDR BIAS	5.493	5.4914	-0.0016
56	50	LDR UNBIAS	5.4959	5.4948	-0.0011
57	50	LDR UNBIAS	5.4964	5.4911	-0.0053
58	50	LDR UNBIAS	5.493	5.4864	-0.0066
59	50	LDR UNBIAS	5.4934	5.4896	-0.0038
60	50	LDR UNBIAS	5.4854	5.4846	-0.0008
61	100	LDR BIAS	5.5024	5.5079	0.0055
62	100	LDR BIAS	5.4917	5.489	-0.0027
63	100	LDR BIAS	5.4978	5.4892	-0.0086
64	100	LDR BIAS	5.4792	5.4703	-0.0089
65	100	LDR BIAS	5.493	5.4905	-0.0025
66	100	LDR UNBIAS	5.4959	5.4964	0.0005
67	100	LDR UNBIAS	5.4964	5.4913	-0.0051
68	100	LDR UNBIAS	5.493	5.4893	-0.0037
69	100	LDR UNBIAS	5.4934	5.4877	-0.0057
70	100	LDR UNBIAS	5.4854	5.4963	0.0109



Test Statistics (V)

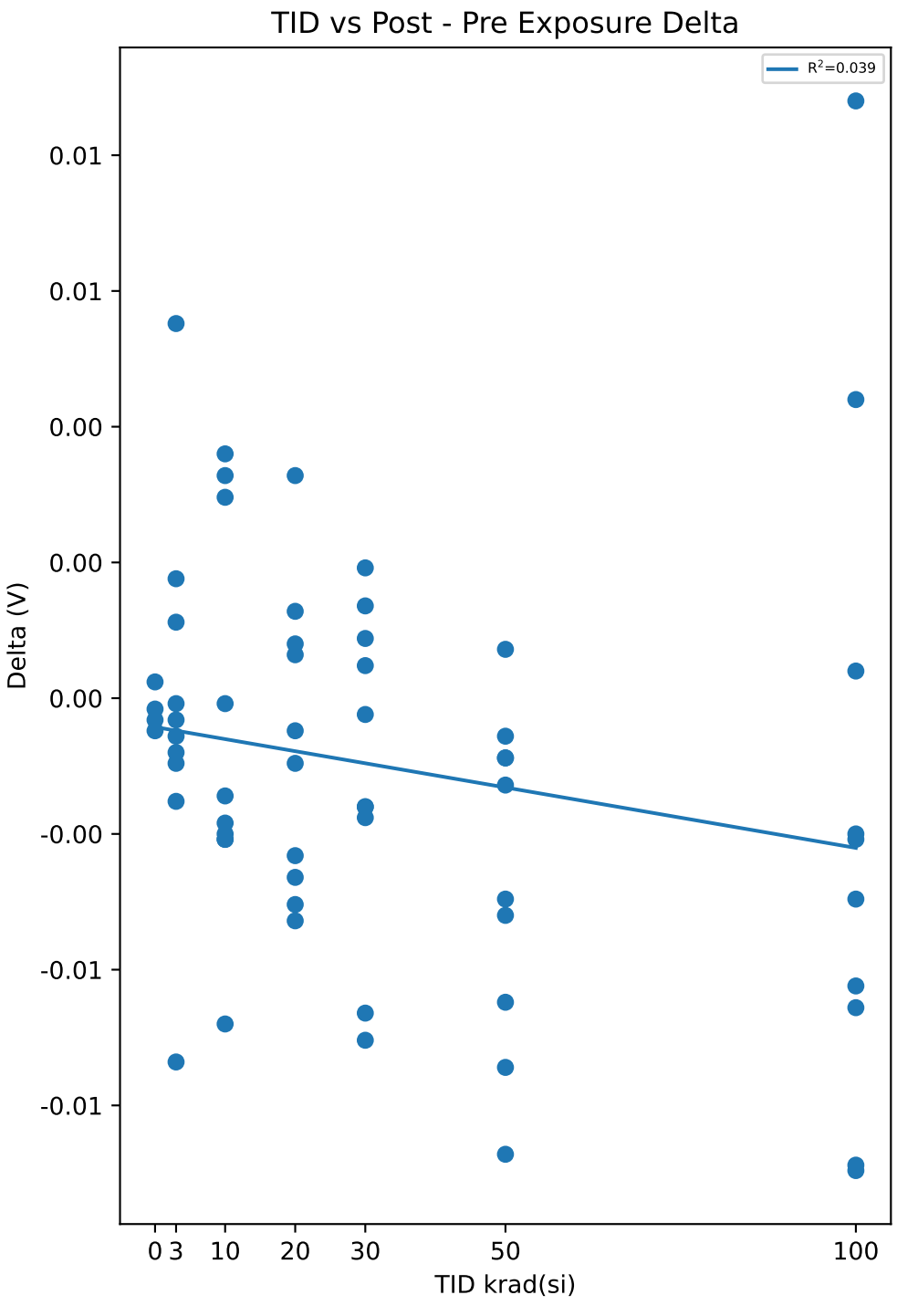
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4774	5.487	5.4935	0.0073107	5.4772	5.4867	5.4939	0.0074262	-0.0007	-0.000275	0.0004	0.00049917
3	5.4792	5.4928	5.5024	0.0065072	5.4772	5.4926	5.5045	0.0072246	-0.0068	-0.0002	0.0069	0.0034361
10	5.4792	5.4928	5.5024	0.0065072	5.4731	5.4923	5.5066	0.0092058	-0.0061	-0.00055	0.0045	0.0035504
20	5.4792	5.4928	5.5024	0.0065072	5.4748	5.492	5.5065	0.0082343	-0.0044	-0.00082	0.0041	0.002745
30	5.4792	5.4928	5.5024	0.0065072	5.4729	5.4915	5.5047	0.0082322	-0.0063	-0.00129	0.0023	0.002943
50	5.4792	5.4928	5.5024	0.0065072	5.4707	5.4896	5.5033	0.0083766	-0.0085	-0.00318	0.0009	0.0029709
100	5.4792	5.4928	5.5024	0.0065072	5.4703	5.4908	5.5079	0.0093824	-0.0089	-0.00203	0.0109	0.0062093

Device Test: 15.19 VLDO|V_VLDO/VLDO/14/14/0/0/5.5/500kHz//@V_LDO_5P5



Test Results (Lower Limit = 5.31, Upper Limit = 5.65 (V))

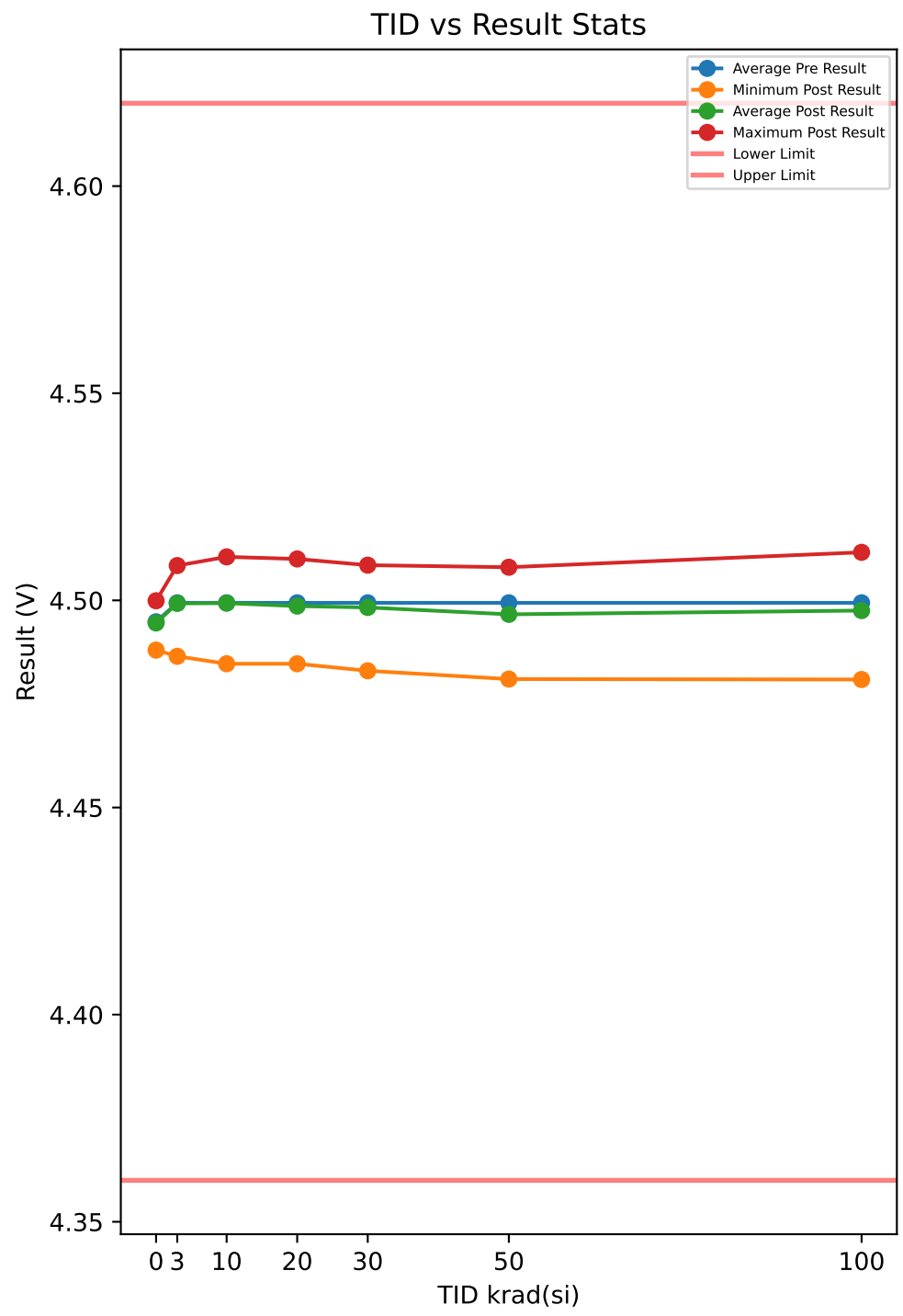
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.5027	5.5049	0.0022
2	3	LDR BIAS	5.492	5.4989	0.0069
3	3	LDR BIAS	5.4981	5.4914	-0.0067
4	3	LDR BIAS	5.4794	5.4775	-0.0019
5	3	LDR BIAS	5.4933	5.4926	-0.0007
6	3	LDR UNBIAS	5.4962	5.4961	-0.0001
7	3	LDR UNBIAS	5.4969	5.4957	-0.0012
8	3	LDR UNBIAS	5.4934	5.493	-0.0004
9	3	LDR UNBIAS	5.4937	5.4927	-0.001
10	3	LDR UNBIAS	5.4857	5.4871	0.0014
11	0	CORRELATION	5.4854	5.485	-0.0004
12	0	CORRELATION	5.4939	5.4942	0.0003
13	0	CORRELATION	5.4777	5.4775	-0.0002
14	0	CORRELATION	5.492	5.4914	-0.0006
21	10	LDR BIAS	5.5027	5.5068	0.0041
22	10	LDR BIAS	5.492	5.4897	-0.0023
23	10	LDR BIAS	5.4981	5.5026	0.0045
24	10	LDR BIAS	5.4794	5.4734	-0.006
25	10	LDR BIAS	5.4933	5.4915	-0.0018
26	10	LDR UNBIAS	5.4962	5.4937	-0.0025
27	10	LDR UNBIAS	5.4969	5.4943	-0.0026
28	10	LDR UNBIAS	5.4934	5.4908	-0.0026
29	10	LDR UNBIAS	5.4937	5.4974	0.0037
30	10	LDR UNBIAS	5.4857	5.4856	-0.0001
31	20	LDR BIAS	5.5027	5.5068	0.0041
32	20	LDR BIAS	5.492	5.4908	-0.0012
33	20	LDR BIAS	5.4981	5.4991	0.001
34	20	LDR BIAS	5.4794	5.4753	-0.0041
35	20	LDR BIAS	5.4933	5.49	-0.0033
36	20	LDR UNBIAS	5.4962	5.4956	-0.0006
37	20	LDR UNBIAS	5.4969	5.494	-0.0029
38	20	LDR UNBIAS	5.4934	5.4896	-0.0038
39	20	LDR UNBIAS	5.4937	5.4945	0.0008
40	20	LDR UNBIAS	5.4857	5.4873	0.0016
41	30	LDR BIAS	5.5027	5.5051	0.0024
42	30	LDR BIAS	5.492	5.4931	0.0011
43	30	LDR BIAS	5.4981	5.4961	-0.002
44	30	LDR BIAS	5.4794	5.4731	-0.0063
45	30	LDR BIAS	5.4933	5.4911	-0.0022
46	30	LDR UNBIAS	5.4962	5.4959	-0.0003
47	30	LDR UNBIAS	5.4969	5.4949	-0.002
48	30	LDR UNBIAS	5.4934	5.4876	-0.0058
49	30	LDR UNBIAS	5.4937	5.4943	0.0006
50	30	LDR UNBIAS	5.4857	5.4874	0.0017
51	50	LDR BIAS	5.5027	5.5036	0.0009
52	50	LDR BIAS	5.492	5.4909	-0.0011
53	50	LDR BIAS	5.4981	5.4941	-0.004
54	50	LDR BIAS	5.4794	5.471	-0.0084
55	50	LDR BIAS	5.4933	5.4917	-0.0016
56	50	LDR UNBIAS	5.4962	5.4951	-0.0011
57	50	LDR UNBIAS	5.4969	5.4913	-0.0056
58	50	LDR UNBIAS	5.4934	5.4866	-0.0068
59	50	LDR UNBIAS	5.4937	5.49	-0.0037
60	50	LDR UNBIAS	5.4857	5.485	-0.0007
61	100	LDR BIAS	5.5027	5.5082	0.0055
62	100	LDR BIAS	5.492	5.4894	-0.0026
63	100	LDR BIAS	5.4981	5.4895	-0.0086
64	100	LDR BIAS	5.4794	5.4707	-0.0087
65	100	LDR BIAS	5.4933	5.4908	-0.0025
66	100	LDR UNBIAS	5.4962	5.4967	0.0005
67	100	LDR UNBIAS	5.4969	5.4916	-0.0053
68	100	LDR UNBIAS	5.4934	5.4897	-0.0037
69	100	LDR UNBIAS	5.4937	5.488	-0.0057
70	100	LDR UNBIAS	5.4857	5.4967	0.011

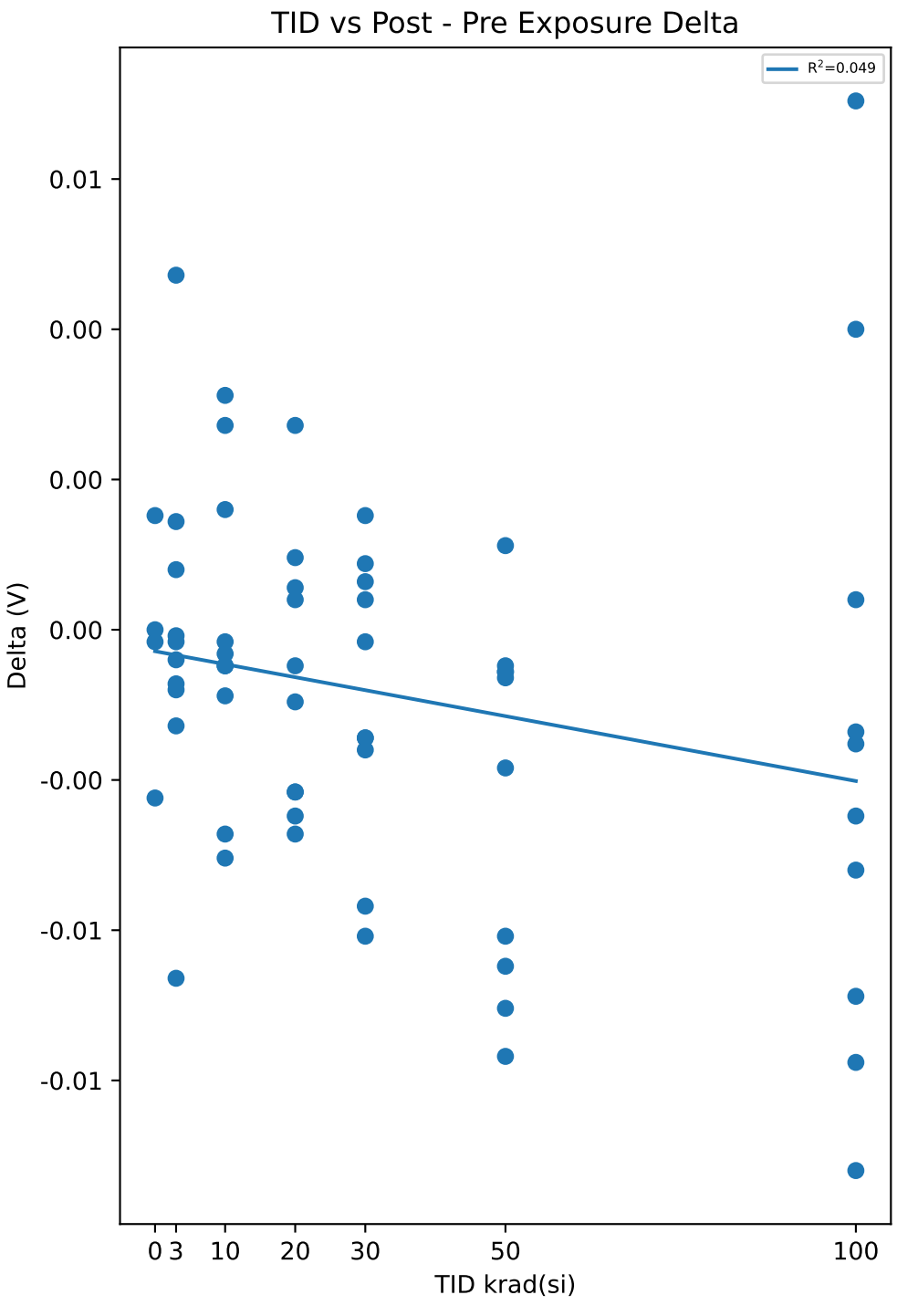


Test Statistics (V)

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	5.4777	5.4872	5.4939	0.0073351	5.4775	5.487	5.4942	0.0074262	-0.0006	-0.000225	0.0003	0.00038622
3	5.4794	5.4931	5.5027	0.0065434	5.4775	5.493	5.5049	0.0072356	-0.0067	-0.00015	0.0069	0.0034284
10	5.4794	5.4931	5.5027	0.0065434	5.4734	5.4926	5.5068	0.009185	-0.006	-0.00056	0.0045	0.0035265
20	5.4794	5.4931	5.5027	0.0065434	5.4753	5.4923	5.5068	0.0081917	-0.0041	-0.00084	0.0041	0.0027142
30	5.4794	5.4931	5.5027	0.0065434	5.4731	5.4919	5.5051	0.008279	-0.0063	-0.00128	0.0024	0.0029832
50	5.4794	5.4931	5.5027	0.0065434	5.471	5.4899	5.5036	0.0083711	-0.0084	-0.00321	0.0009	0.0030016
100	5.4794	5.4931	5.5027	0.0065434	5.4707	5.4911	5.5082	0.0093609	-0.0087	-0.00201	0.011	0.0062185

Device Test: 15.4 VLDO|V_VLDO/VLDO/12/12/0/0/4.5/500kHz//@V_LDO_4P5





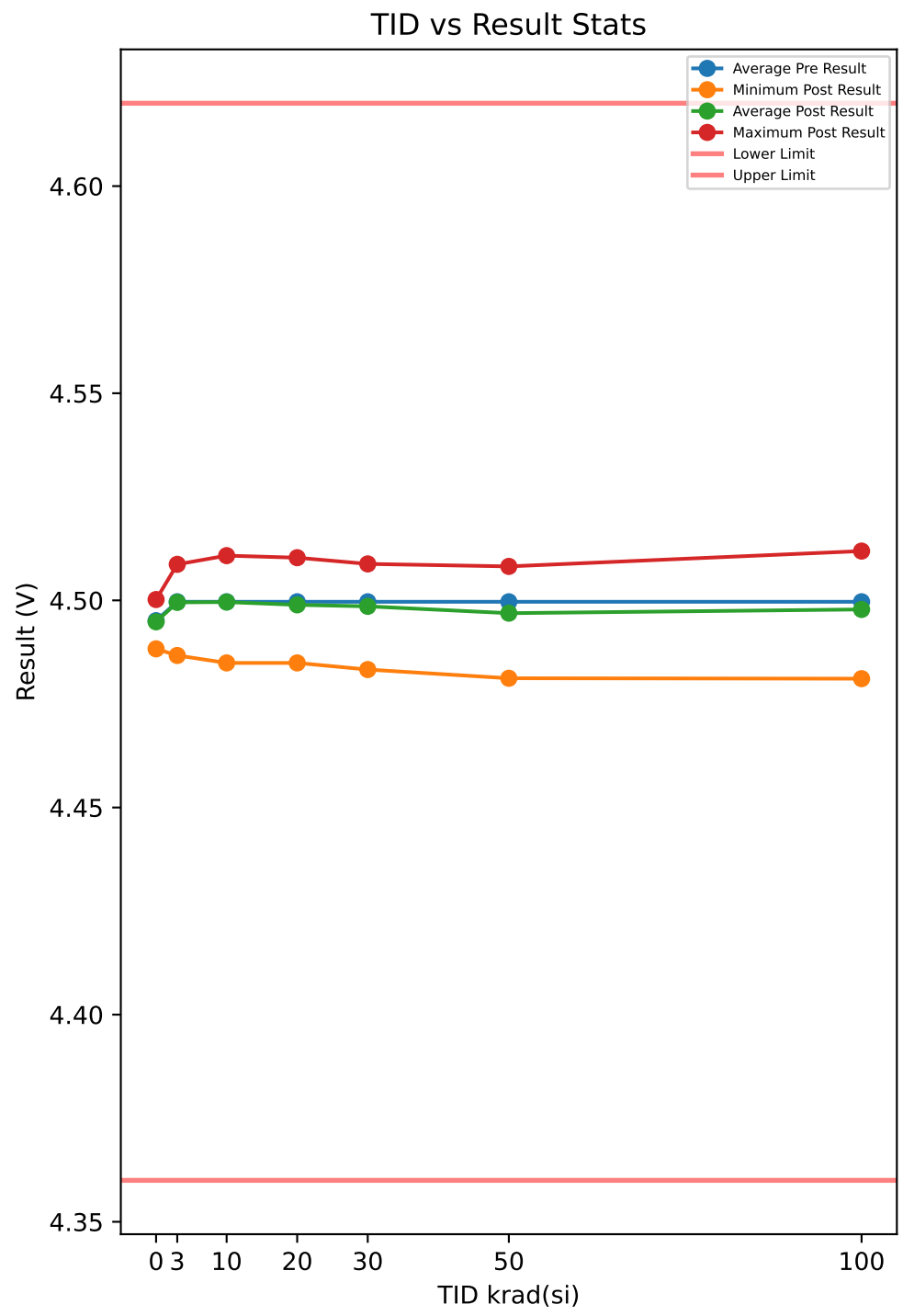
Test Results (Lower Limit = 4.36, Upper Limit = 4.62 (V))

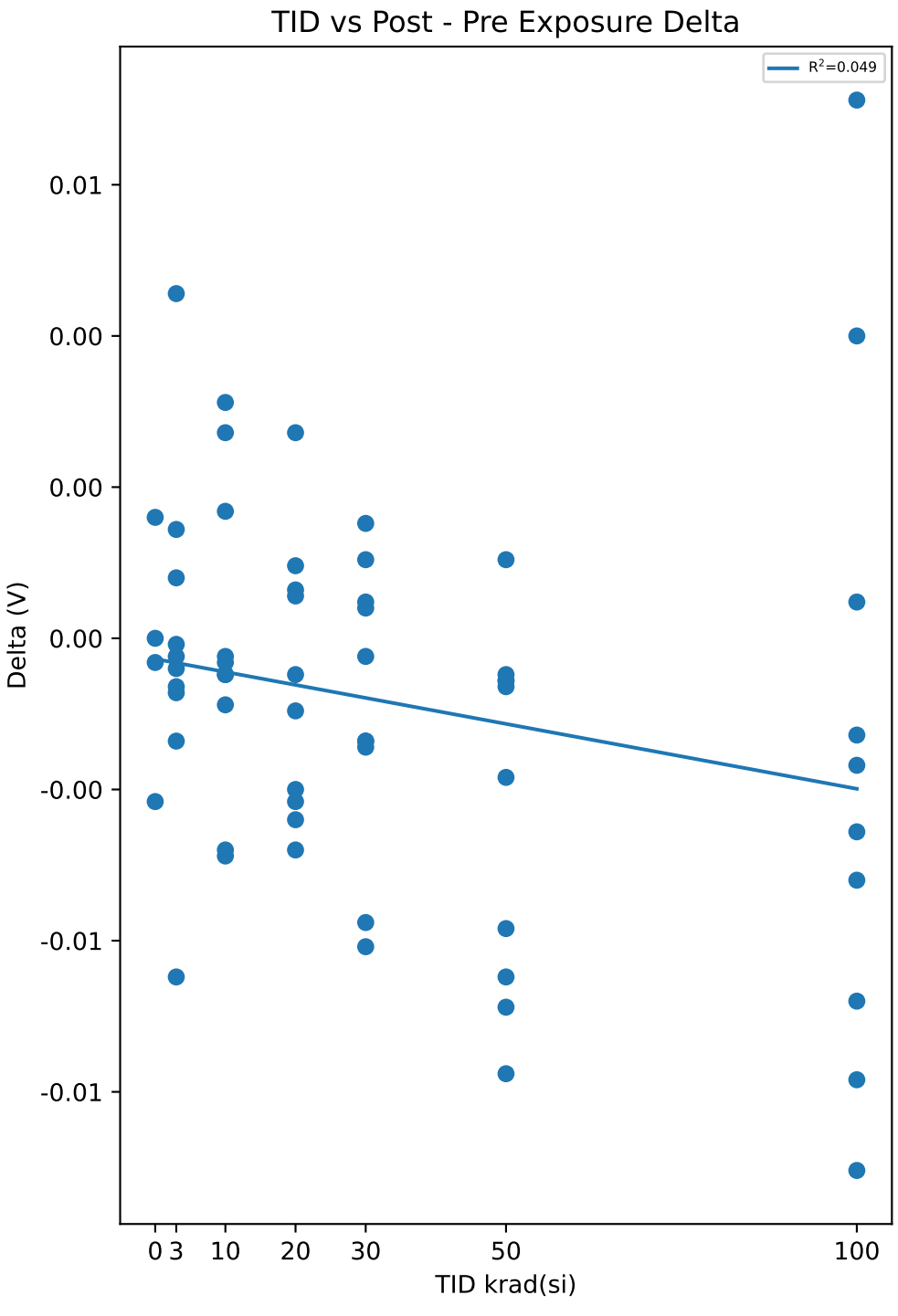
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.5066	4.5084	0.0018
2	3	LDR BIAS	4.4979	4.5038	0.0059
3	3	LDR BIAS	4.5051	4.4993	-0.0058
4	3	LDR BIAS	4.4881	4.4865	-0.0016
5	3	LDR BIAS	4.4986	4.4981	-0.0005
6	3	LDR UNBIAS	4.5016	4.5015	-0.0001
7	3	LDR UNBIAS	4.5042	4.5032	-0.001
8	3	LDR UNBIAS	4.4994	4.4992	-0.0002
9	3	LDR UNBIAS	4.4993	4.4984	-0.0009
10	3	LDR UNBIAS	4.4933	4.4943	0.001
11	0	CORRELATION	4.4949	4.4921	-0.0028
12	0	CORRELATION	4.4999	4.4999	0
13	0	CORRELATION	4.4861	4.488	0.0019
14	0	CORRELATION	4.4984	4.4982	-0.0002
21	10	LDR BIAS	4.5066	4.5105	0.0039
22	10	LDR BIAS	4.4979	4.4977	-0.0002
23	10	LDR BIAS	4.5051	4.5071	0.002
24	10	LDR BIAS	4.4881	4.4847	-0.0034
25	10	LDR BIAS	4.4986	4.4975	-0.0011
26	10	LDR UNBIAS	4.5016	4.5012	-0.0004
27	10	LDR UNBIAS	4.5042	4.5004	-0.0038
28	10	LDR UNBIAS	4.4994	4.4988	-0.0006
29	10	LDR UNBIAS	4.4993	4.5027	0.0034
30	10	LDR UNBIAS	4.4933	4.4927	-0.0006
31	20	LDR BIAS	4.5066	4.51	0.0034
32	20	LDR BIAS	4.4979	4.4967	-0.0012
33	20	LDR BIAS	4.5051	4.5056	0.0005
34	20	LDR BIAS	4.4881	4.4847	-0.0034
35	20	LDR BIAS	4.4986	4.4959	-0.0027
36	20	LDR UNBIAS	4.5016	4.501	-0.0006
37	20	LDR UNBIAS	4.5042	4.5015	-0.0027
38	20	LDR UNBIAS	4.4994	4.4963	-0.0031
39	20	LDR UNBIAS	4.4993	4.5	0.0007
40	20	LDR UNBIAS	4.4933	4.4945	0.0012
41	30	LDR BIAS	4.5066	4.5085	0.0019
42	30	LDR BIAS	4.4979	4.4987	0.0008
43	30	LDR BIAS	4.5051	4.5031	-0.002
44	30	LDR BIAS	4.4881	4.483	-0.0051
45	30	LDR BIAS	4.4986	4.4968	-0.0018
46	30	LDR UNBIAS	4.5016	4.5014	-0.0002
47	30	LDR UNBIAS	4.5042	4.5024	-0.0018
48	30	LDR UNBIAS	4.4994	4.4948	-0.0046
49	30	LDR UNBIAS	4.4993	4.4998	0.0005
50	30	LDR UNBIAS	4.4933	4.4944	0.0011
51	50	LDR BIAS	4.5066	4.508	0.0014
52	50	LDR BIAS	4.4979	4.4973	-0.0006
53	50	LDR BIAS	4.5051	4.5	-0.0051
54	50	LDR BIAS	4.4881	4.481	-0.0071
55	50	LDR BIAS	4.4986	4.4978	-0.0008
56	50	LDR UNBIAS	4.5016	4.5009	-0.0007
57	50	LDR UNBIAS	4.5042	4.4979	-0.0063
58	50	LDR UNBIAS	4.4994	4.4938	-0.0056
59	50	LDR UNBIAS	4.4993	4.497	-0.0023
60	50	LDR UNBIAS	4.4933	4.4926	-0.0007
61	100	LDR BIAS	4.5066	4.5116	0.005
62	100	LDR BIAS	4.4979	4.496	-0.0019
63	100	LDR BIAS	4.5051	4.4961	-0.009
64	100	LDR BIAS	4.4881	4.4809	-0.0072
65	100	LDR BIAS	4.4986	4.4969	-0.0017
66	100	LDR UNBIAS	4.5016	4.5021	0.0005
67	100	LDR UNBIAS	4.5042	4.4981	-0.0061
68	100	LDR UNBIAS	4.4994	4.4963	-0.0031
69	100	LDR UNBIAS	4.4993	4.4953	-0.004
70	100	LDR UNBIAS	4.4933	4.5021	0.0088

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	4.4861	4.4948	4.4999	0.0061824	4.488	4.4946	4.4999	0.005503	-0.0028	-0.000275	0.0019	0.0019311
3	4.4881	4.4994	4.5066	0.0055778	4.4865	4.4993	4.5084	0.0059086	-0.0058	-0.00014	0.0059	0.0029281
10	4.4881	4.4994	4.5066	0.0055778	4.4847	4.4993	4.5105	0.0071912	-0.0038	-8e-05	0.0039	0.0025568
20	4.4881	4.4994	4.5066	0.0055778	4.4847	4.4986	4.51	0.0068418	-0.0034	-0.00079	0.0034	0.0022373
30	4.4881	4.4994	4.5066	0.0055778	4.483	4.4983	4.5085	0.0068289	-0.0051	-0.00112	0.0019	0.0023771
50	4.4881	4.4994	4.5066	0.0055778	4.481	4.4966	4.508	0.00692	-0.0071	-0.00278	0.0014	0.0029705
100	4.4881	4.4994	4.5066	0.0055778	4.4809	4.4975	4.5116	0.0076586	-0.009	-0.00187	0.0088	0.005476

Device Test: 15.5 VLDO|V_VLDO/VLDO/14/14/0/0/4.5/500kHz//@V_LDO_4P5





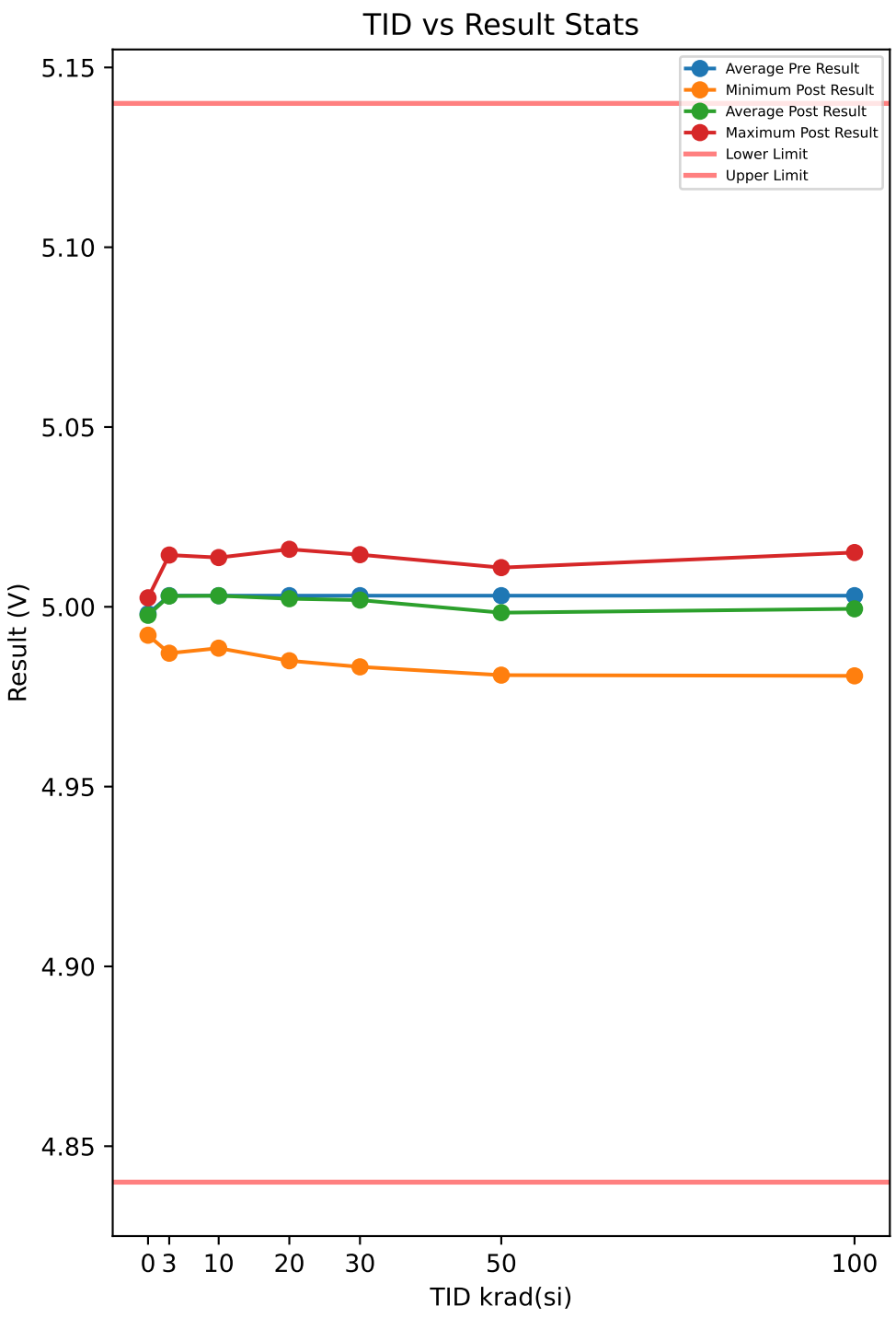
Test Results (Lower Limit = 4.36, Upper Limit = 4.62 (V))

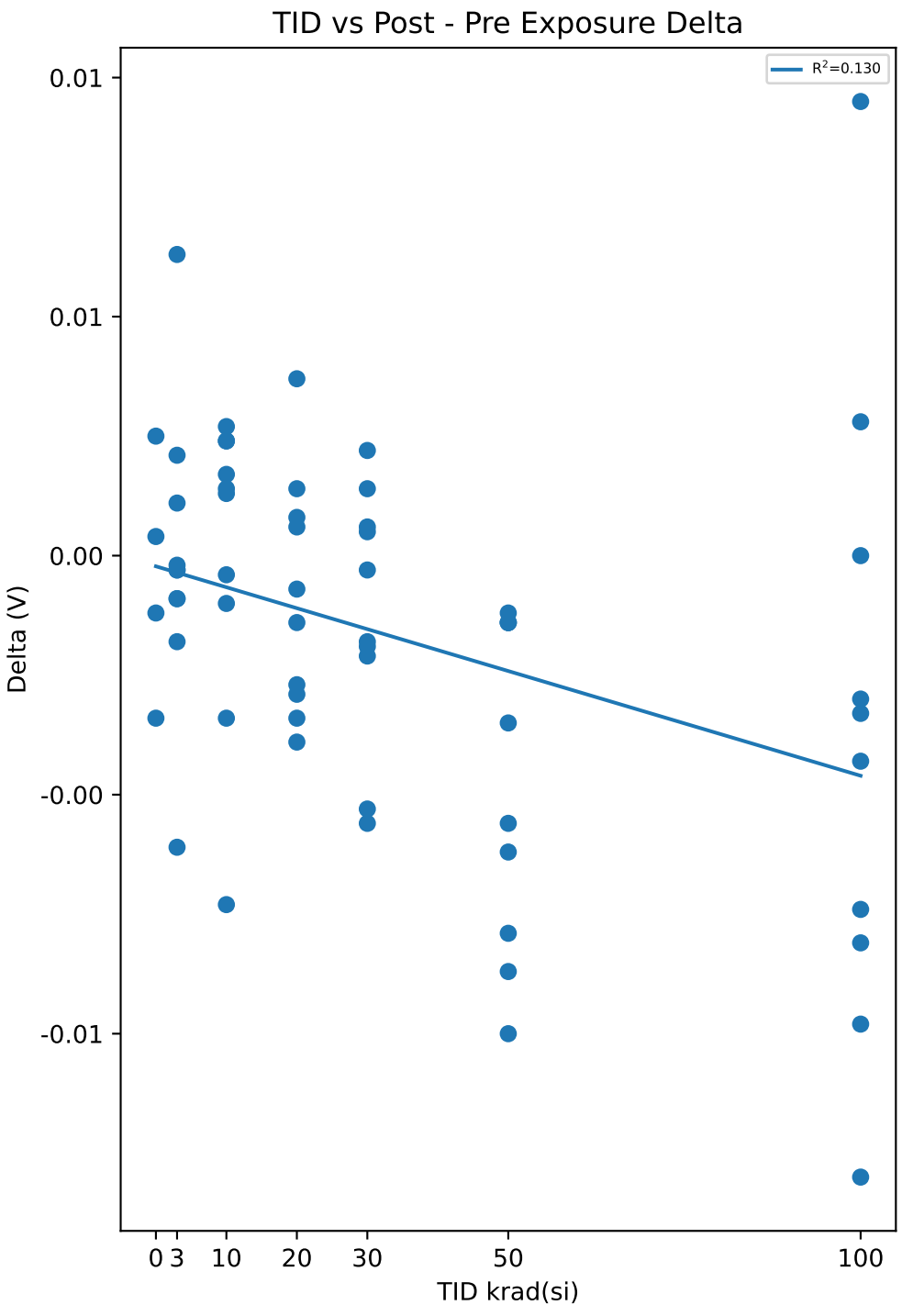
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.5069	4.5087	0.0018
2	3	LDR BIAS	4.4983	4.504	0.0057
3	3	LDR BIAS	4.5052	4.4996	-0.0056
4	3	LDR BIAS	4.4884	4.4867	-0.0017
5	3	LDR BIAS	4.4989	4.4984	-0.0005
6	3	LDR UNBIAS	4.5019	4.5018	-0.0001
7	3	LDR UNBIAS	4.5043	4.5034	-0.0009
8	3	LDR UNBIAS	4.4997	4.4994	-0.0003
9	3	LDR UNBIAS	4.4995	4.4987	-0.0008
10	3	LDR UNBIAS	4.4935	4.4945	0.001
11	0	CORRELATION	4.4951	4.4924	-0.0027
12	0	CORRELATION	4.5002	4.5002	0
13	0	CORRELATION	4.4863	4.4883	0.002
14	0	CORRELATION	4.4988	4.4984	-0.0004
21	10	LDR BIAS	4.5069	4.5108	0.0039
22	10	LDR BIAS	4.4983	4.498	-0.0003
23	10	LDR BIAS	4.5052	4.5073	0.0021
24	10	LDR BIAS	4.4884	4.4849	-0.0035
25	10	LDR BIAS	4.4989	4.4978	-0.0011
26	10	LDR UNBIAS	4.5019	4.5015	-0.0004
27	10	LDR UNBIAS	4.5043	4.5007	-0.0036
28	10	LDR UNBIAS	4.4997	4.4991	-0.0006
29	10	LDR UNBIAS	4.4995	4.5029	0.0034
30	10	LDR UNBIAS	4.4935	4.4929	-0.0006
31	20	LDR BIAS	4.5069	4.5103	0.0034
32	20	LDR BIAS	4.4983	4.4971	-0.0012
33	20	LDR BIAS	4.5052	4.5059	0.0007
34	20	LDR BIAS	4.4884	4.4849	-0.0035
35	20	LDR BIAS	4.4989	4.4962	-0.0027
36	20	LDR UNBIAS	4.5019	4.5013	-0.0006
37	20	LDR UNBIAS	4.5043	4.5018	-0.0025
38	20	LDR UNBIAS	4.4997	4.4967	-0.003
39	20	LDR UNBIAS	4.4995	4.5003	0.0008
40	20	LDR UNBIAS	4.4935	4.4947	0.0012
41	30	LDR BIAS	4.5069	4.5088	0.0019
42	30	LDR BIAS	4.4983	4.4989	0.0006
43	30	LDR BIAS	4.5052	4.5035	-0.0017
44	30	LDR BIAS	4.4884	4.4833	-0.0051
45	30	LDR BIAS	4.4989	4.4971	-0.0018
46	30	LDR UNBIAS	4.5019	4.5016	-0.0003
47	30	LDR UNBIAS	4.5043	4.5026	-0.0017
48	30	LDR UNBIAS	4.4997	4.495	-0.0047
49	30	LDR UNBIAS	4.4995	4.5	0.0005
50	30	LDR UNBIAS	4.4935	4.4948	0.0013
51	50	LDR BIAS	4.5069	4.5082	0.0013
52	50	LDR BIAS	4.4983	4.4976	-0.0007
53	50	LDR BIAS	4.5052	4.5004	-0.0048
54	50	LDR BIAS	4.4884	4.4812	-0.0072
55	50	LDR BIAS	4.4989	4.4981	-0.0008
56	50	LDR UNBIAS	4.5019	4.5012	-0.0007
57	50	LDR UNBIAS	4.5043	4.4982	-0.0061
58	50	LDR UNBIAS	4.4997	4.4941	-0.0056
59	50	LDR UNBIAS	4.4995	4.4972	-0.0023
60	50	LDR UNBIAS	4.4935	4.4929	-0.0006
61	100	LDR BIAS	4.5069	4.5119	0.005
62	100	LDR BIAS	4.4983	4.4962	-0.0021
63	100	LDR BIAS	4.5052	4.4964	-0.0088
64	100	LDR BIAS	4.4884	4.4811	-0.0073
65	100	LDR BIAS	4.4989	4.4973	-0.0016
66	100	LDR UNBIAS	4.5019	4.5025	0.0006
67	100	LDR UNBIAS	4.5043	4.4983	-0.006
68	100	LDR UNBIAS	4.4997	4.4965	-0.0032
69	100	LDR UNBIAS	4.4995	4.4955	-0.004
70	100	LDR UNBIAS	4.4935	4.5024	0.0089

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	4.4863	4.4951	4.5002	0.0062487	4.4883	4.4948	4.5002	0.0054811	-0.0027	-0.000275	0.002	0.0019276
3	4.4884	4.4997	4.5069	0.0055462	4.4867	4.4995	4.5087	0.0059264	-0.0056	-0.00014	0.0057	0.0028399
10	4.4884	4.4997	4.5069	0.0055462	4.4849	4.4996	4.5108	0.007207	-0.0036	-7e-05	0.0039	0.00255
20	4.4884	4.4997	4.5069	0.0055462	4.4849	4.4989	4.5103	0.0068645	-0.0035	-0.00074	0.0034	0.0022421
30	4.4884	4.4997	4.5069	0.0055462	4.4833	4.4986	4.5088	0.0068217	-0.0051	-0.0011	0.0019	0.0023809
50	4.4884	4.4997	4.5069	0.0055462	4.4812	4.4969	4.5082	0.006932	-0.0072	-0.00275	0.0013	0.0029209
100	4.4884	4.4997	4.5069	0.0055462	4.4811	4.4978	4.5119	0.0076952	-0.0088	-0.00185	0.0089	0.0054801

Device Test: 15.8 VLDO|V_VLDO/VLDO/5.5/5.5/0/0/5/500kHz//@V_LDO_5





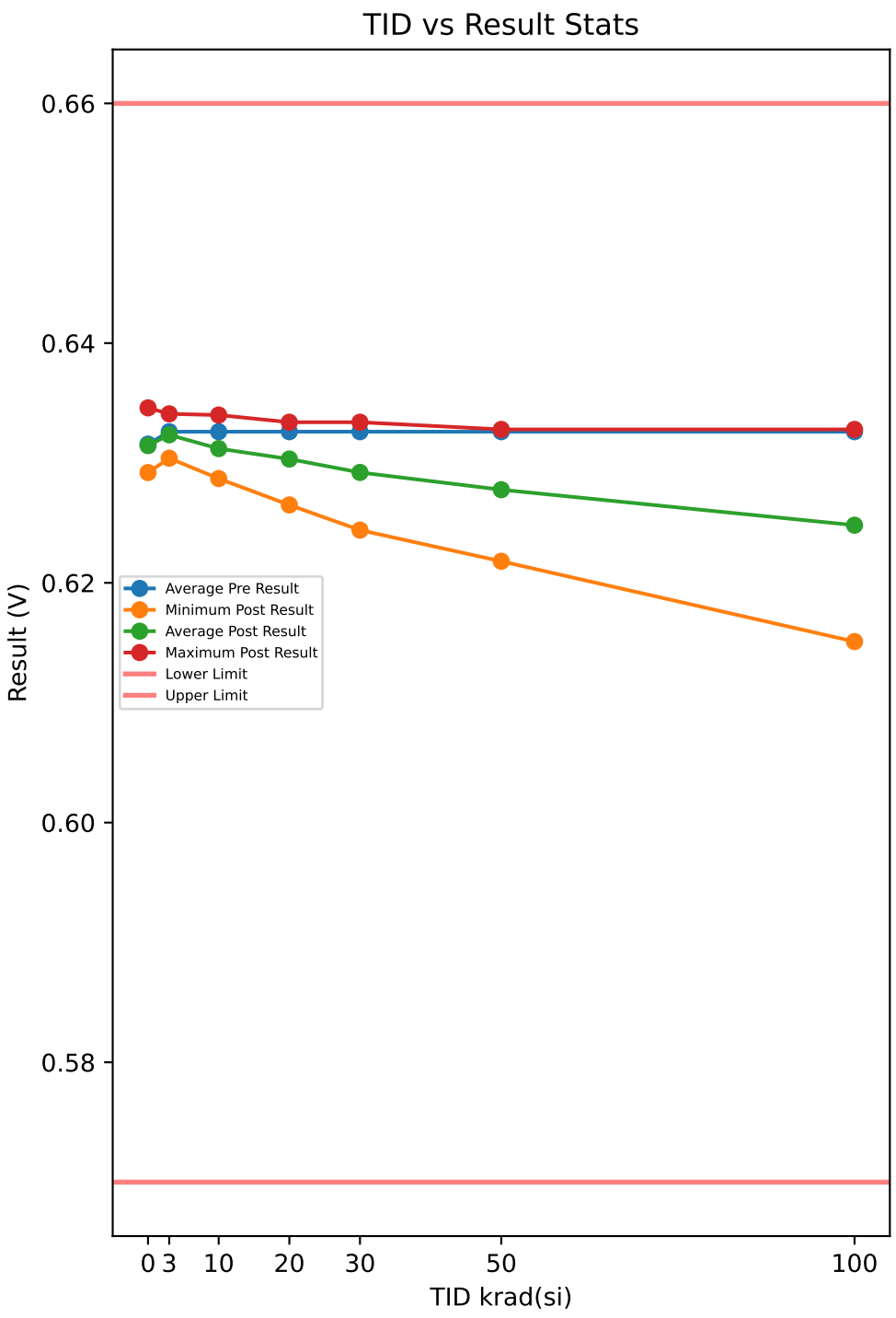
Test Results (Lower Limit = 4.84, Upper Limit = 5.14 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.0123	5.0144	0.0021
2	3	LDR BIAS	5.0006	5.0069	0.0063
3	3	LDR BIAS	5.0109	5.0048	-0.0061
4	3	LDR BIAS	4.9889	4.9871	-0.0018
5	3	LDR BIAS	5.0034	5.0031	-0.0003
6	3	LDR UNBIAS	5.0045	5.0043	-0.0002
7	3	LDR UNBIAS	5.0098	5.0089	-0.0009
8	3	LDR UNBIAS	5.0014	5.0011	-0.0003
9	3	LDR UNBIAS	5.0041	5.0032	-0.0009
10	3	LDR UNBIAS	4.9951	4.9962	0.0011
11	0	CORRELATION	4.9996	4.9962	-0.0034
12	0	CORRELATION	5.0021	5.0025	0.0004
13	0	CORRELATION	4.9896	4.9921	0.0025
14	0	CORRELATION	5.001	4.9998	-0.0012
21	10	LDR BIAS	5.0123	5.0137	0.0014
22	10	LDR BIAS	5.0006	5.003	0.0024
23	10	LDR BIAS	5.0109	5.0099	-0.001
24	10	LDR BIAS	4.9889	4.9885	-0.0004
25	10	LDR BIAS	5.0034	5	-0.0034
26	10	LDR UNBIAS	5.0045	5.0069	0.0024
27	10	LDR UNBIAS	5.0098	5.0025	-0.0073
28	10	LDR UNBIAS	5.0014	5.0041	0.0027
29	10	LDR UNBIAS	5.0041	5.0054	0.0013
30	10	LDR UNBIAS	4.9951	4.9968	0.0017
31	20	LDR BIAS	5.0123	5.016	0.0037
32	20	LDR BIAS	5.0006	4.9992	-0.0014
33	20	LDR BIAS	5.0109	5.0115	0.0006
34	20	LDR BIAS	4.9889	4.985	-0.0039
35	20	LDR BIAS	5.0034	5.0005	-0.0029
36	20	LDR UNBIAS	5.0045	5.0038	-0.0007
37	20	LDR UNBIAS	5.0098	5.0071	-0.0027
38	20	LDR UNBIAS	5.0014	4.998	-0.0034
39	20	LDR UNBIAS	5.0041	5.0049	0.0008
40	20	LDR UNBIAS	4.9951	4.9965	0.0014
41	30	LDR BIAS	5.0123	5.0145	0.0022
42	30	LDR BIAS	5.0006	5.0012	0.0006
43	30	LDR BIAS	5.0109	5.0088	-0.0021
44	30	LDR BIAS	4.9889	4.9833	-0.0056
45	30	LDR BIAS	5.0034	5.0016	-0.0018
46	30	LDR UNBIAS	5.0045	5.0042	-0.0003
47	30	LDR UNBIAS	5.0098	5.0079	-0.0019
48	30	LDR UNBIAS	5.0014	4.9961	-0.0053
49	30	LDR UNBIAS	5.0041	5.0046	0.0005
50	30	LDR UNBIAS	4.9951	4.9965	0.0014
51	50	LDR BIAS	5.0123	5.0109	-0.0014
52	50	LDR BIAS	5.0006	4.9992	-0.0014
53	50	LDR BIAS	5.0109	5.0022	-0.0087
54	50	LDR BIAS	4.9889	4.981	-0.0079
55	50	LDR BIAS	5.0034	4.9999	-0.0035
56	50	LDR UNBIAS	5.0045	5.0031	-0.0014
57	50	LDR UNBIAS	5.0098	4.9998	-0.01
58	50	LDR UNBIAS	5.0014	4.9952	-0.0062
59	50	LDR UNBIAS	5.0041	4.9985	-0.0056
60	50	LDR UNBIAS	4.9951	4.9939	-0.0012
61	100	LDR BIAS	5.0123	5.0151	0.0028
62	100	LDR BIAS	5.0006	4.9976	-0.003
63	100	LDR BIAS	5.0109	4.9979	-0.013
64	100	LDR BIAS	4.9889	4.9808	-0.0081
65	100	LDR BIAS	5.0034	4.9991	-0.0043
66	100	LDR UNBIAS	5.0045	5.0045	0
67	100	LDR UNBIAS	5.0098	5	-0.0098
68	100	LDR UNBIAS	5.0014	4.9981	-0.0033
69	100	LDR UNBIAS	5.0041	4.9967	-0.0074
70	100	LDR UNBIAS	4.9951	5.0046	0.0095

Test Statistics (V)

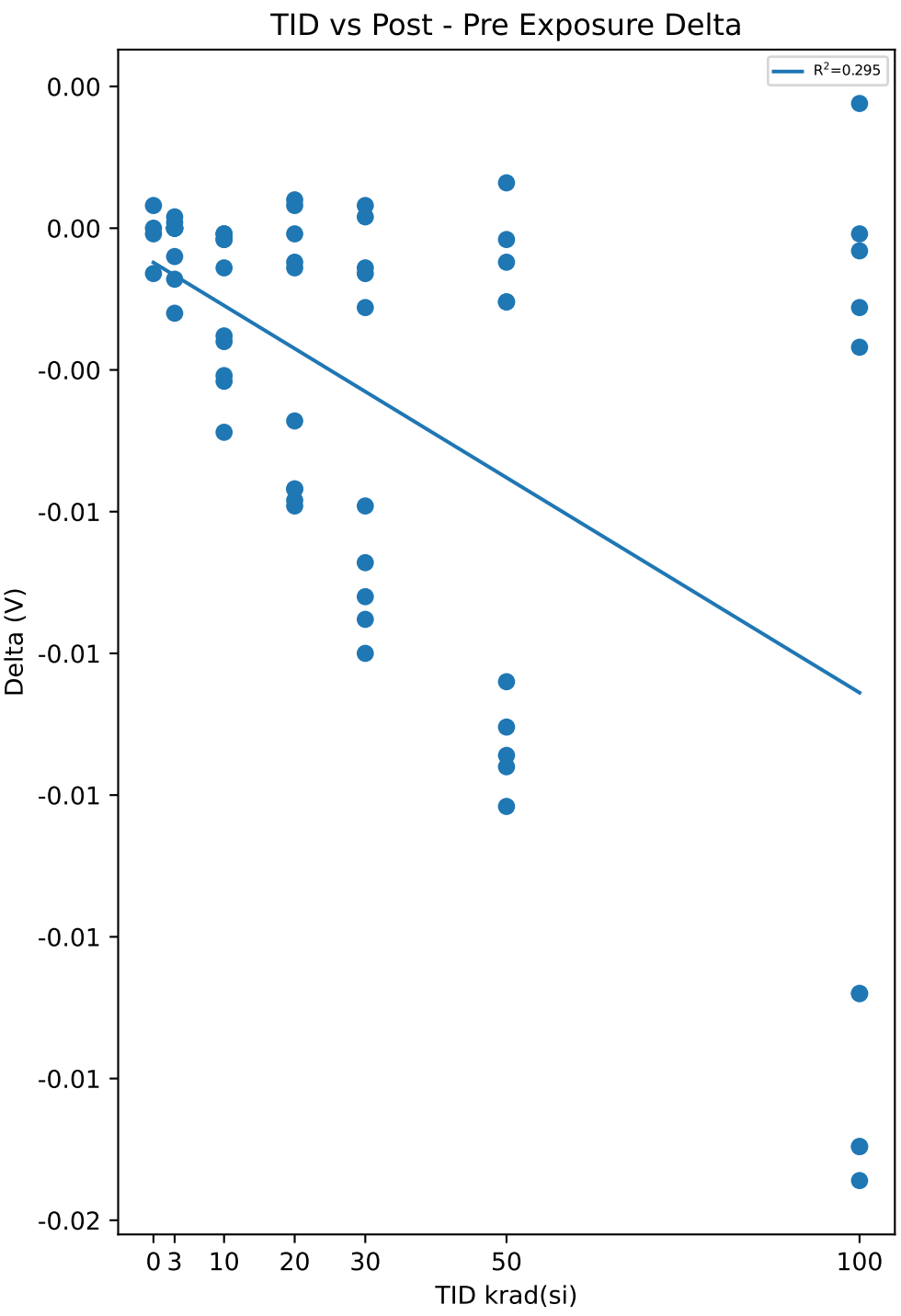
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9896	4.9981	5.0021	0.0057419	4.9921	4.9977	5.0025	0.0045111	-0.0034	-0.000425	0.0025	0.0024958
3	4.9889	5.0031	5.0123	0.0072126	4.9871	5.003	5.0144	0.0073607	-0.0061	-0.0001	0.0063	0.003118
10	4.9889	5.0031	5.0123	0.0072126	4.9885	5.0031	5.0137	0.0070092	-0.0073	-2e-05	0.0027	0.003186
20	4.9889	5.0031	5.0123	0.0072126	4.985	5.0023	5.016	0.0086193	-0.0039	-0.00085	0.0037	0.0024573
30	4.9889	5.0031	5.0123	0.0072126	4.9833	5.0019	5.0145	0.0085912	-0.0056	-0.00123	0.0022	0.0026475
50	4.9889	5.0031	5.0123	0.0072126	4.981	4.9984	5.0109	0.0076803	-0.01	-0.00473	-0.0012	0.0033951
100	4.9889	5.0031	5.0123	0.0072126	4.9808	4.9994	5.0151	0.0085661	-0.013	-0.00366	0.0095	0.0065653

Device Test: 16.1 LEVEL|EN_RISE/EN/4.5/4.5/0/0/4.5/500kHz//@V_EN_RISE



Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

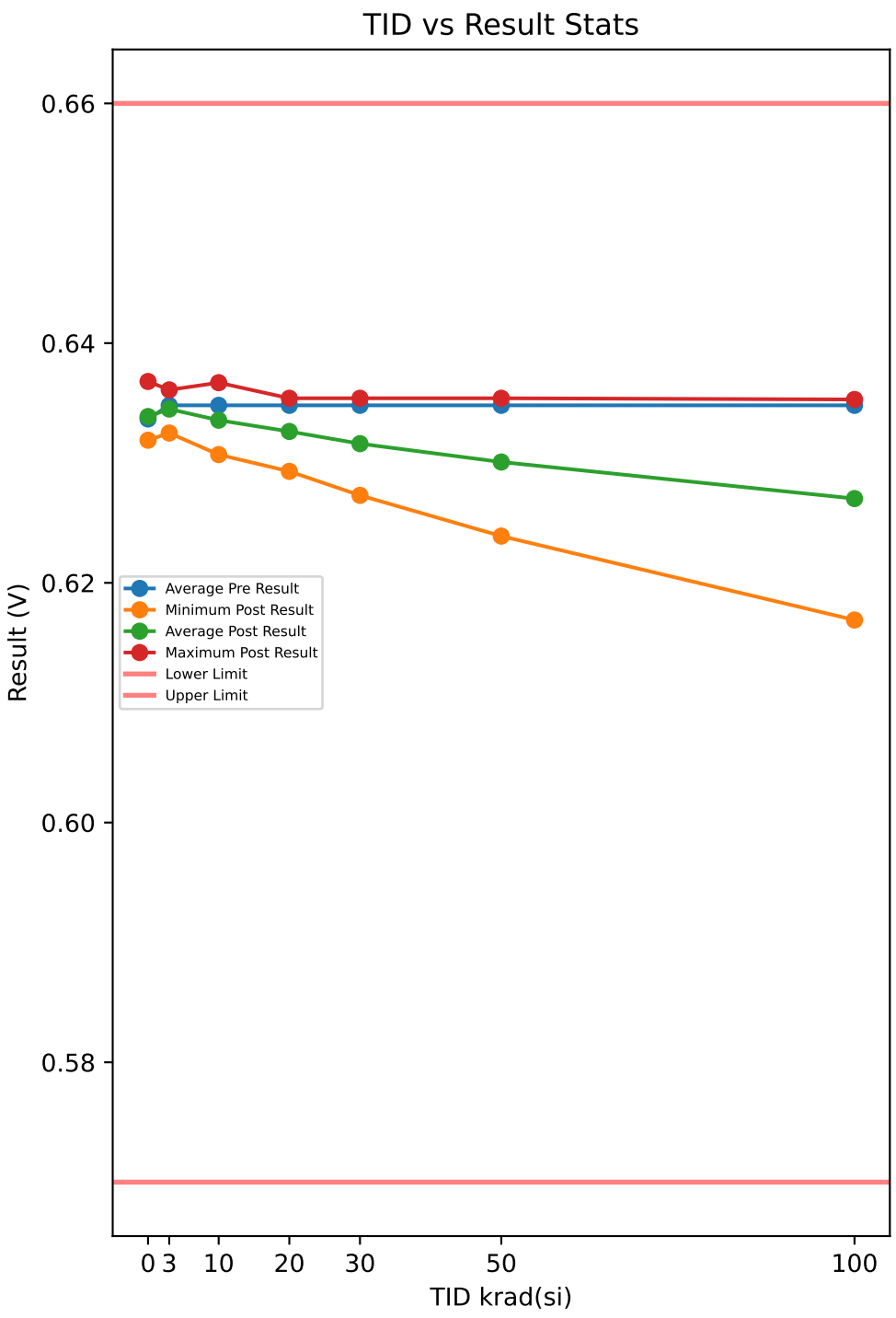
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.6332	0.6333	0.0001
2	3	LDR BIAS	0.6319	0.6304	-0.0015
3	3	LDR BIAS	0.6313	0.6315	0.0002
4	3	LDR BIAS	0.6334	0.6325	-0.0009
5	3	LDR BIAS	0.6326	0.6326	0
6	3	LDR UNBIAS	0.634	0.634	0
7	3	LDR UNBIAS	0.632	0.632	0
8	3	LDR UNBIAS	0.6306	0.6306	0
9	3	LDR UNBIAS	0.6341	0.6341	0
10	3	LDR UNBIAS	0.633	0.6325	-0.0005
11	0	CORRELATION	0.6347	0.6346	-0.0001
12	0	CORRELATION	0.63	0.6292	-0.0008
13	0	CORRELATION	0.6318	0.6322	0.0004
14	0	CORRELATION	0.6298	0.6298	0
21	10	LDR BIAS	0.6332	0.6305	-0.0027
22	10	LDR BIAS	0.6319	0.6299	-0.002
23	10	LDR BIAS	0.6313	0.6287	-0.0026
24	10	LDR BIAS	0.6334	0.6298	-0.0036
25	10	LDR BIAS	0.6326	0.6307	-0.0019
26	10	LDR UNBIAS	0.634	0.6333	-0.0007
27	10	LDR UNBIAS	0.632	0.6319	-0.0001
28	10	LDR UNBIAS	0.6306	0.6304	-0.0002
29	10	LDR UNBIAS	0.6341	0.634	-0.0001
30	10	LDR UNBIAS	0.633	0.6328	-0.0002
31	20	LDR BIAS	0.6332	0.6286	-0.0046
32	20	LDR BIAS	0.6319	0.6273	-0.0046
33	20	LDR BIAS	0.6313	0.6265	-0.0048
34	20	LDR BIAS	0.6334	0.6285	-0.0049
35	20	LDR BIAS	0.6326	0.6292	-0.0034
36	20	LDR UNBIAS	0.634	0.6334	-0.0006
37	20	LDR UNBIAS	0.632	0.6319	-0.0001
38	20	LDR UNBIAS	0.6306	0.6311	0.0005
39	20	LDR UNBIAS	0.6341	0.6334	-0.0007
40	20	LDR UNBIAS	0.633	0.6334	0.0004
41	30	LDR BIAS	0.6332	0.6267	-0.0065
42	30	LDR BIAS	0.6319	0.6244	-0.0075
43	30	LDR BIAS	0.6313	0.6254	-0.0059
44	30	LDR BIAS	0.6334	0.6265	-0.0069
45	30	LDR BIAS	0.6326	0.6277	-0.0049
46	30	LDR UNBIAS	0.634	0.6333	-0.0007
47	30	LDR UNBIAS	0.632	0.6312	-0.0008
48	30	LDR UNBIAS	0.6306	0.6308	0.0002
49	30	LDR UNBIAS	0.6341	0.6327	-0.0014
50	30	LDR UNBIAS	0.633	0.6334	0.0004
51	50	LDR BIAS	0.6332	0.6244	-0.0088
52	50	LDR BIAS	0.6319	0.6226	-0.0093
53	50	LDR BIAS	0.6313	0.6218	-0.0095
54	50	LDR BIAS	0.6334	0.6232	-0.0102
55	50	LDR BIAS	0.6326	0.6246	-0.008
56	50	LDR UNBIAS	0.634	0.6327	-0.0013
57	50	LDR UNBIAS	0.632	0.6314	-0.0006
58	50	LDR UNBIAS	0.6306	0.6314	0.0008
59	50	LDR UNBIAS	0.6341	0.6328	-0.0013
60	50	LDR UNBIAS	0.633	0.6328	-0.0002
61	100	LDR BIAS	0.6332	0.6197	-0.0135
62	100	LDR BIAS	0.6319	0.6151	-0.0168
63	100	LDR BIAS	0.6313	0.6151	-0.0162
64	100	LDR BIAS	0.6334	0.6172	-0.0162
65	100	LDR BIAS	0.6326	0.6191	-0.0135
66	100	LDR UNBIAS	0.634	0.6319	-0.0021
67	100	LDR UNBIAS	0.632	0.6319	-0.0001
68	100	LDR UNBIAS	0.6306	0.6328	0.0022
69	100	LDR UNBIAS	0.6341	0.6327	-0.0014
70	100	LDR UNBIAS	0.633	0.6326	-0.0004

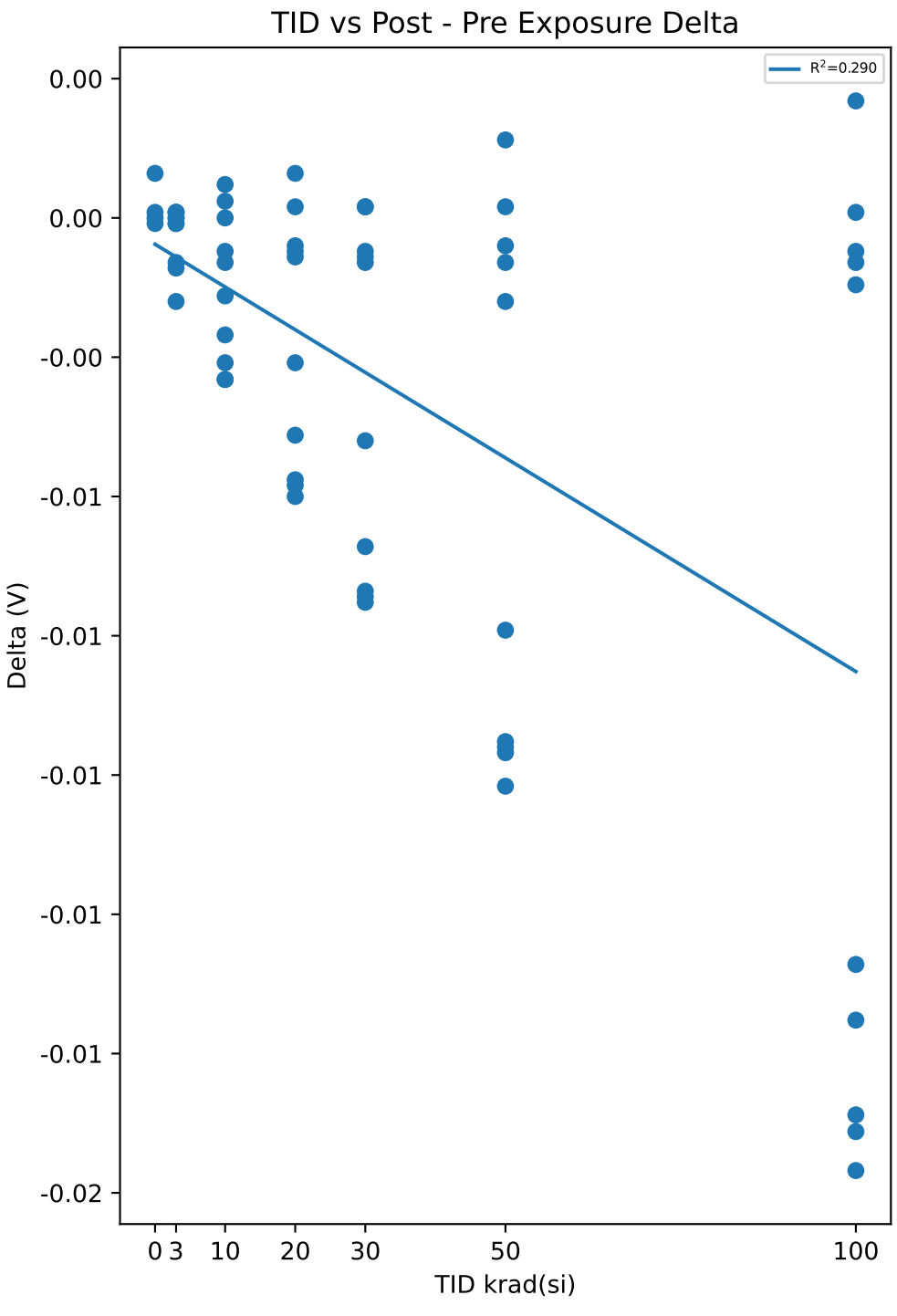


Test Statistics (V)

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	0.6298	0.63157	0.6347	0.0022692	0.6292	0.63145	0.6346	0.0024678	-0.0008	-0.000125	0.0004	0.00049917
3	0.6306	0.63261	0.6341	0.0011503	0.6304	0.63235	0.6341	0.0012695	-0.0015	-0.00026	0.0002	0.0005461
10	0.6306	0.63261	0.6341	0.0011503	0.6287	0.6312	0.634	0.0017185	-0.0036	-0.00141	-0.0001	0.0013051
20	0.6306	0.63261	0.6341	0.0011503	0.6265	0.63033	0.6334	0.0026416	-0.0049	-0.00228	0.0005	0.0023621
30	0.6306	0.63261	0.6341	0.0011503	0.6244	0.62921	0.6334	0.0034404	-0.0075	-0.0034	0.0004	0.003208
50	0.6306	0.63261	0.6341	0.0011503	0.6218	0.62777	0.6328	0.0047833	-0.0102	-0.00484	0.0008	0.0046234
100	0.6306	0.63261	0.6341	0.0011503	0.6151	0.62481	0.6328	0.0081138	-0.0168	-0.0078	0.0022	0.0079903

Device Test: 16.10 LEVEL|EN_RISE/EN/14/14/0/0/5/500kHz//@V_EN_RISE





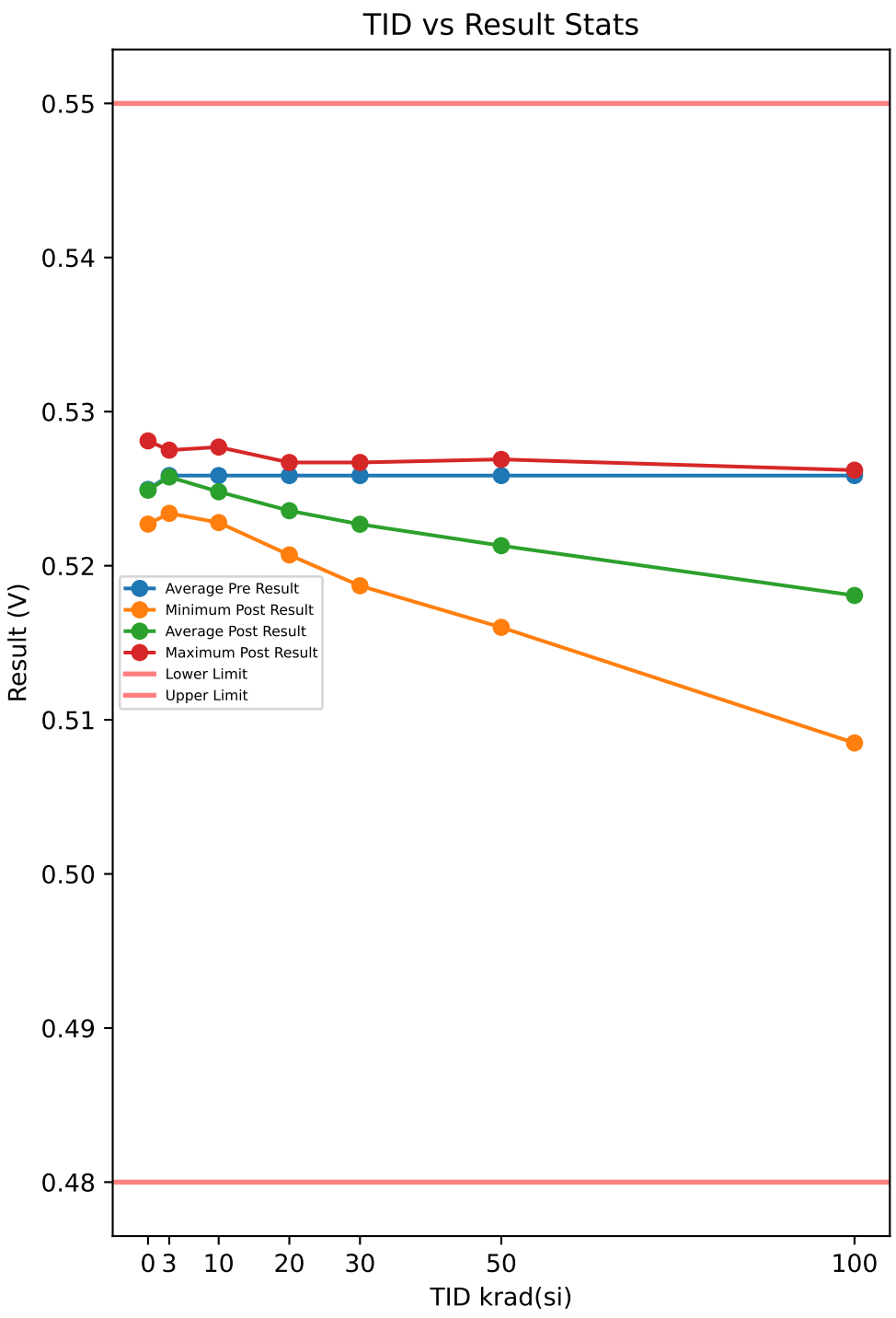
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.6362	0.6361	-0.0001
2	3	LDR BIAS	0.634	0.6325	-0.0015
3	3	LDR BIAS	0.6333	0.6333	0
4	3	LDR BIAS	0.6355	0.6346	-0.0009
5	3	LDR BIAS	0.6346	0.6347	0.0001
6	3	LDR UNBIAS	0.6359	0.636	0.0001
7	3	LDR UNBIAS	0.6347	0.6346	-0.0001
8	3	LDR UNBIAS	0.6326	0.6327	0.0001
9	3	LDR UNBIAS	0.6361	0.6361	0
10	3	LDR UNBIAS	0.6352	0.6344	-0.0008
11	0	CORRELATION	0.6368	0.6368	0
12	0	CORRELATION	0.632	0.6319	-0.0001
13	0	CORRELATION	0.6332	0.634	0.0008
14	0	CORRELATION	0.6327	0.6328	0.0001
21	10	LDR BIAS	0.6362	0.6333	-0.0029
22	10	LDR BIAS	0.634	0.6319	-0.0021
23	10	LDR BIAS	0.6333	0.6307	-0.0026
24	10	LDR BIAS	0.6355	0.6326	-0.0029
25	10	LDR BIAS	0.6346	0.6332	-0.0014
26	10	LDR UNBIAS	0.6359	0.6353	-0.0006
27	10	LDR UNBIAS	0.6347	0.6339	-0.0008
28	10	LDR UNBIAS	0.6326	0.6326	0
29	10	LDR UNBIAS	0.6361	0.6367	0.0006
30	10	LDR UNBIAS	0.6352	0.6355	0.0003
31	20	LDR BIAS	0.6362	0.6314	-0.0048
32	20	LDR BIAS	0.634	0.6293	-0.0047
33	20	LDR BIAS	0.6333	0.6294	-0.0039
34	20	LDR BIAS	0.6355	0.6305	-0.005
35	20	LDR BIAS	0.6346	0.632	-0.0026
36	20	LDR UNBIAS	0.6359	0.6354	-0.0005
37	20	LDR UNBIAS	0.6347	0.6341	-0.0006
38	20	LDR UNBIAS	0.6326	0.6334	0.0008
39	20	LDR UNBIAS	0.6361	0.6354	-0.0007
40	20	LDR UNBIAS	0.6352	0.6354	0.0002
41	30	LDR BIAS	0.6362	0.6293	-0.0069
42	30	LDR BIAS	0.634	0.6273	-0.0067
43	30	LDR BIAS	0.6333	0.6274	-0.0059
44	30	LDR BIAS	0.6355	0.6287	-0.0068
45	30	LDR BIAS	0.6346	0.6306	-0.004
46	30	LDR UNBIAS	0.6359	0.6353	-0.0006
47	30	LDR UNBIAS	0.6347	0.634	-0.0007
48	30	LDR UNBIAS	0.6326	0.6328	0.0002
49	30	LDR UNBIAS	0.6361	0.6353	-0.0008
50	30	LDR UNBIAS	0.6352	0.6354	0.0002
51	50	LDR BIAS	0.6362	0.6267	-0.0095
52	50	LDR BIAS	0.634	0.6244	-0.0096
53	50	LDR BIAS	0.6333	0.6239	-0.0094
54	50	LDR BIAS	0.6355	0.6253	-0.0102
55	50	LDR BIAS	0.6346	0.6272	-0.0074
56	50	LDR UNBIAS	0.6359	0.6354	-0.0005
57	50	LDR UNBIAS	0.6347	0.6332	-0.0015
58	50	LDR UNBIAS	0.6326	0.634	0.0014
59	50	LDR UNBIAS	0.6361	0.6353	-0.0008
60	50	LDR UNBIAS	0.6352	0.6354	0.0002
61	100	LDR BIAS	0.6362	0.6218	-0.0144
62	100	LDR BIAS	0.634	0.6169	-0.0171
63	100	LDR BIAS	0.6333	0.6172	-0.0161
64	100	LDR BIAS	0.6355	0.6191	-0.0164
65	100	LDR BIAS	0.6346	0.6212	-0.0134
66	100	LDR UNBIAS	0.6359	0.6347	-0.0012
67	100	LDR UNBIAS	0.6347	0.6348	0.0001
68	100	LDR UNBIAS	0.6326	0.6347	0.0021
69	100	LDR UNBIAS	0.6361	0.6353	-0.0008
70	100	LDR UNBIAS	0.6352	0.6346	-0.0006

Test Statistics (V)

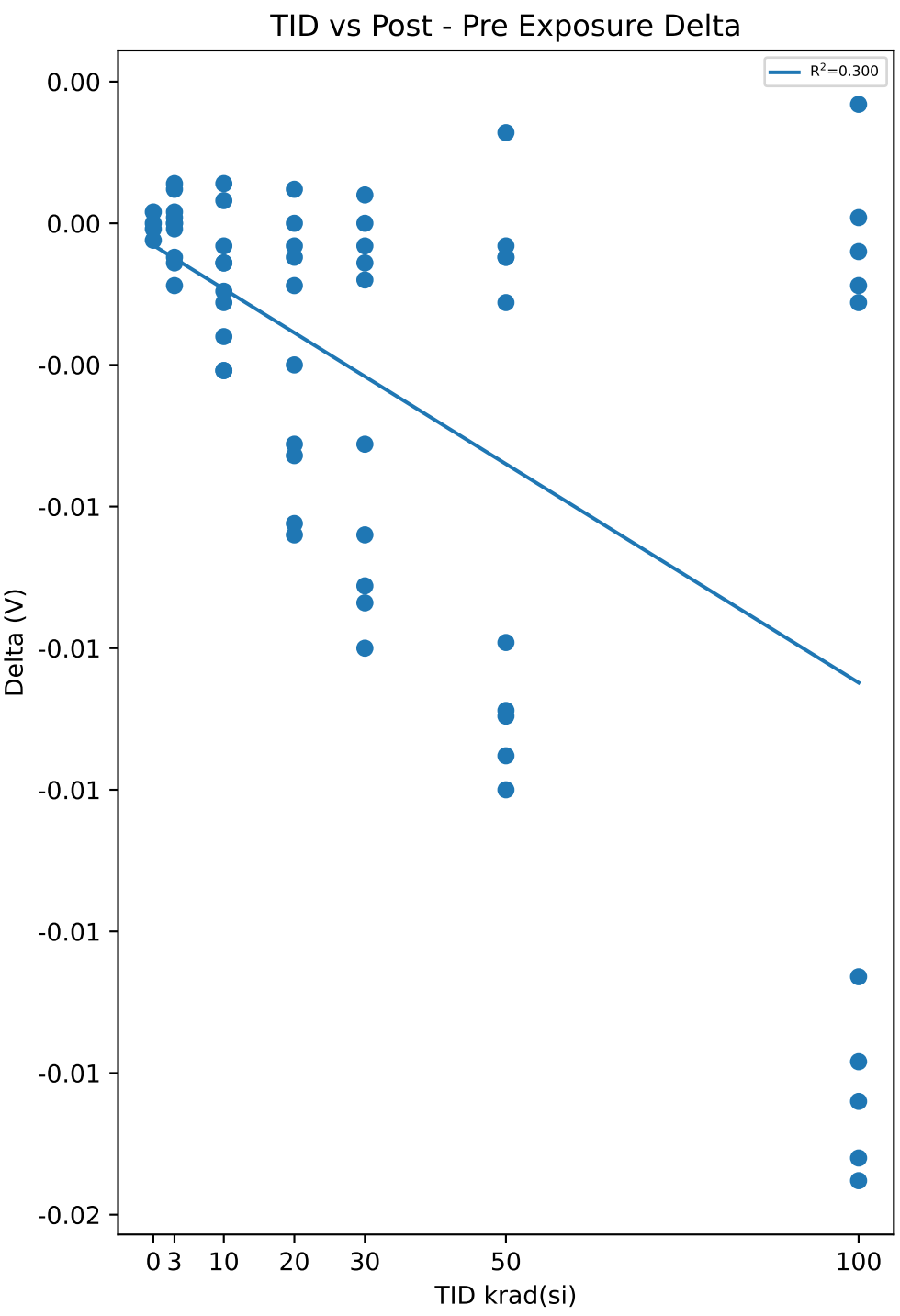
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.632	0.63367	0.6368	0.0021407	0.6319	0.63387	0.6368	0.0021313	-0.0001	0.0002	0.0008	0.00040825
3	0.6326	0.63481	0.6362	0.0012151	0.6325	0.6345	0.6361	0.0013383	-0.0015	-0.00031	0.0001	0.00055668
10	0.6326	0.63481	0.6362	0.0012151	0.6307	0.63357	0.6367	0.0018178	-0.0029	-0.00124	0.0006	0.0013343
20	0.6326	0.63481	0.6362	0.0012151	0.6293	0.63263	0.6354	0.0024436	-0.005	-0.00218	0.0008	0.0022695
30	0.6326	0.63481	0.6362	0.0012151	0.6273	0.63161	0.6354	0.0033308	-0.0069	-0.0032	0.0002	0.0031397
50	0.6326	0.63481	0.6362	0.0012151	0.6239	0.63008	0.6354	0.0049663	-0.0102	-0.00473	0.0014	0.0048417
100	0.6326	0.63481	0.6362	0.0012151	0.6169	0.62703	0.6353	0.008348	-0.0171	-0.00778	0.0021	0.0082265

Device Test: 16.11 LEVEL|EN_FALL/EN/14/14/0/0/5/500kHz//@V_EN_FALL



Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

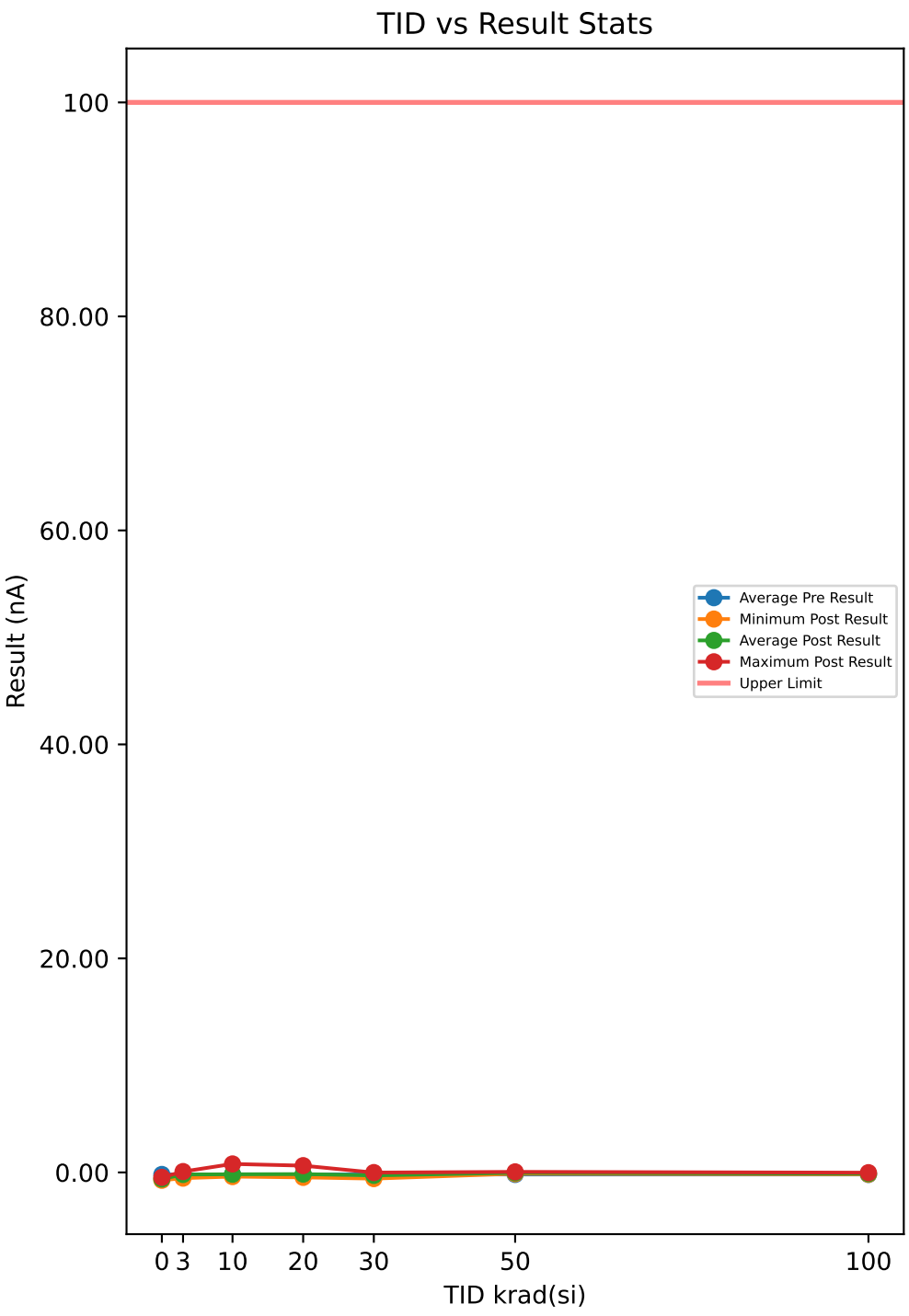
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.5275	0.5275	0
2	3	LDR BIAS	0.5254	0.5243	-0.0011
3	3	LDR BIAS	0.5248	0.5254	0.0006
4	3	LDR BIAS	0.5266	0.526	-0.0006
5	3	LDR BIAS	0.5254	0.5261	0.0007
6	3	LDR UNBIAS	0.526	0.5261	0.0001
7	3	LDR UNBIAS	0.5254	0.5253	-0.0001
8	3	LDR UNBIAS	0.5234	0.5234	0
9	3	LDR UNBIAS	0.5273	0.5275	0.0002
10	3	LDR UNBIAS	0.5267	0.526	-0.0007
11	0	CORRELATION	0.5282	0.5281	-0.0001
12	0	CORRELATION	0.523	0.5227	-0.0003
13	0	CORRELATION	0.5246	0.5248	0.0002
14	0	CORRELATION	0.524	0.524	0
21	10	LDR BIAS	0.5275	0.5249	-0.0026
22	10	LDR BIAS	0.5254	0.524	-0.0014
23	10	LDR BIAS	0.5248	0.5228	-0.002
24	10	LDR BIAS	0.5266	0.524	-0.0026
25	10	LDR BIAS	0.5254	0.5242	-0.0012
26	10	LDR UNBIAS	0.526	0.5253	-0.0007
27	10	LDR UNBIAS	0.5254	0.5247	-0.0007
28	10	LDR UNBIAS	0.5234	0.5241	0.0007
29	10	LDR UNBIAS	0.5273	0.5277	0.0004
30	10	LDR UNBIAS	0.5267	0.5263	-0.0004
31	20	LDR BIAS	0.5275	0.522	-0.0055
32	20	LDR BIAS	0.5254	0.5215	-0.0039
33	20	LDR BIAS	0.5248	0.5207	-0.0041
34	20	LDR BIAS	0.5266	0.5213	-0.0053
35	20	LDR BIAS	0.5254	0.5229	-0.0025
36	20	LDR UNBIAS	0.526	0.5256	-0.0004
37	20	LDR UNBIAS	0.5254	0.5248	-0.0006
38	20	LDR UNBIAS	0.5234	0.524	0.0006
39	20	LDR UNBIAS	0.5273	0.5262	-0.0011
40	20	LDR UNBIAS	0.5267	0.5267	0
41	30	LDR BIAS	0.5275	0.52	-0.0075
42	30	LDR BIAS	0.5254	0.5187	-0.0067
43	30	LDR BIAS	0.5248	0.5193	-0.0055
44	30	LDR BIAS	0.5266	0.5202	-0.0064
45	30	LDR BIAS	0.5254	0.5215	-0.0039
46	30	LDR UNBIAS	0.526	0.5253	-0.0007
47	30	LDR UNBIAS	0.5254	0.525	-0.0004
48	30	LDR UNBIAS	0.5234	0.5239	0.0005
49	30	LDR UNBIAS	0.5273	0.5263	-0.001
50	30	LDR UNBIAS	0.5267	0.5267	0
51	50	LDR BIAS	0.5275	0.5189	-0.0086
52	50	LDR BIAS	0.5254	0.516	-0.0094
53	50	LDR BIAS	0.5248	0.5161	-0.0087
54	50	LDR BIAS	0.5266	0.5166	-0.01
55	50	LDR BIAS	0.5254	0.518	-0.0074
56	50	LDR UNBIAS	0.526	0.5254	-0.0006
57	50	LDR UNBIAS	0.5254	0.524	-0.0014
58	50	LDR UNBIAS	0.5234	0.525	0.0016
59	50	LDR UNBIAS	0.5273	0.5269	-0.0004
60	50	LDR UNBIAS	0.5267	0.5261	-0.0006
61	100	LDR BIAS	0.5275	0.5127	-0.0148
62	100	LDR BIAS	0.5254	0.5085	-0.0169
63	100	LDR BIAS	0.5248	0.5093	-0.0155
64	100	LDR BIAS	0.5266	0.5101	-0.0165
65	100	LDR BIAS	0.5254	0.5121	-0.0133
66	100	LDR UNBIAS	0.526	0.5255	-0.0005
67	100	LDR UNBIAS	0.5254	0.5255	0.0001
68	100	LDR UNBIAS	0.5234	0.5255	0.0021
69	100	LDR UNBIAS	0.5273	0.5262	-0.0011
70	100	LDR UNBIAS	0.5267	0.5253	-0.0014

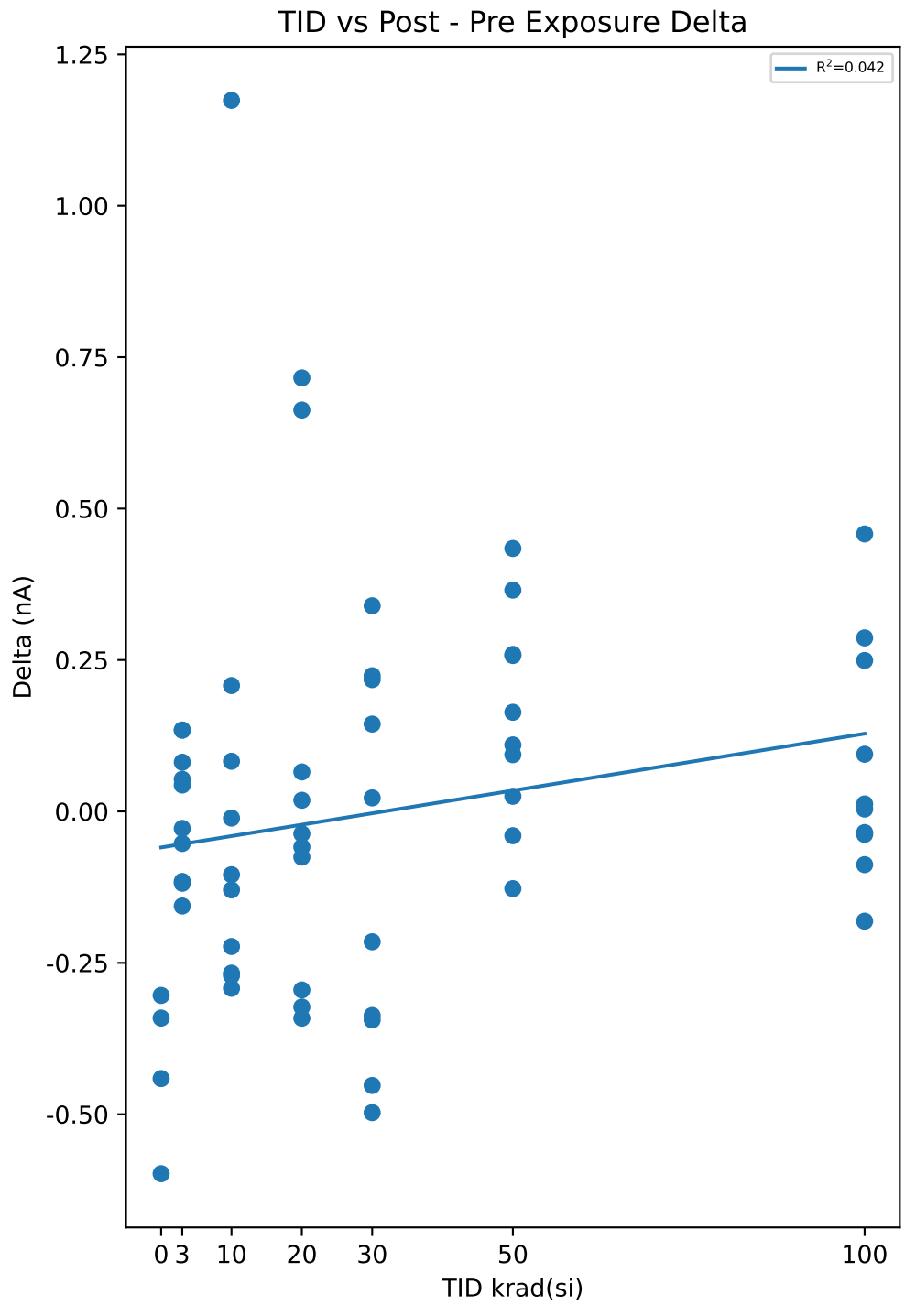


Test Statistics (V)

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	0.523	0.52495	0.5282	0.002265	0.5227	0.5249	0.5281	0.0023022	-0.0003	-5e-05	0.0002	0.00020817
3	0.5234	0.52585	0.5275	0.0012403	0.5234	0.52576	0.5275	0.0012668	-0.0011	-9e-05	0.0007	0.00056657
10	0.5234	0.52585	0.5275	0.0012403	0.5228	0.5248	0.5277	0.0013768	-0.0026	-0.00105	0.0007	0.0011394
20	0.5234	0.52585	0.5275	0.0012403	0.5207	0.52357	0.5267	0.0021889	-0.0055	-0.00228	0.0006	0.0022783
30	0.5234	0.52585	0.5275	0.0012403	0.5187	0.52269	0.5267	0.003073	-0.0075	-0.00316	0.0005	0.0031553
50	0.5234	0.52585	0.5275	0.0012403	0.516	0.5213	0.5269	0.0045468	-0.01	-0.00455	0.0016	0.0046085
100	0.5234	0.52585	0.5275	0.0012403	0.5085	0.51807	0.5262	0.0080311	-0.0169	-0.00778	0.0021	0.0081418

Device Test: 16.15 LEAK|EN_LEAK/EN/14/14/0/0/5/500kHz//@I_EN_LEAK_1V





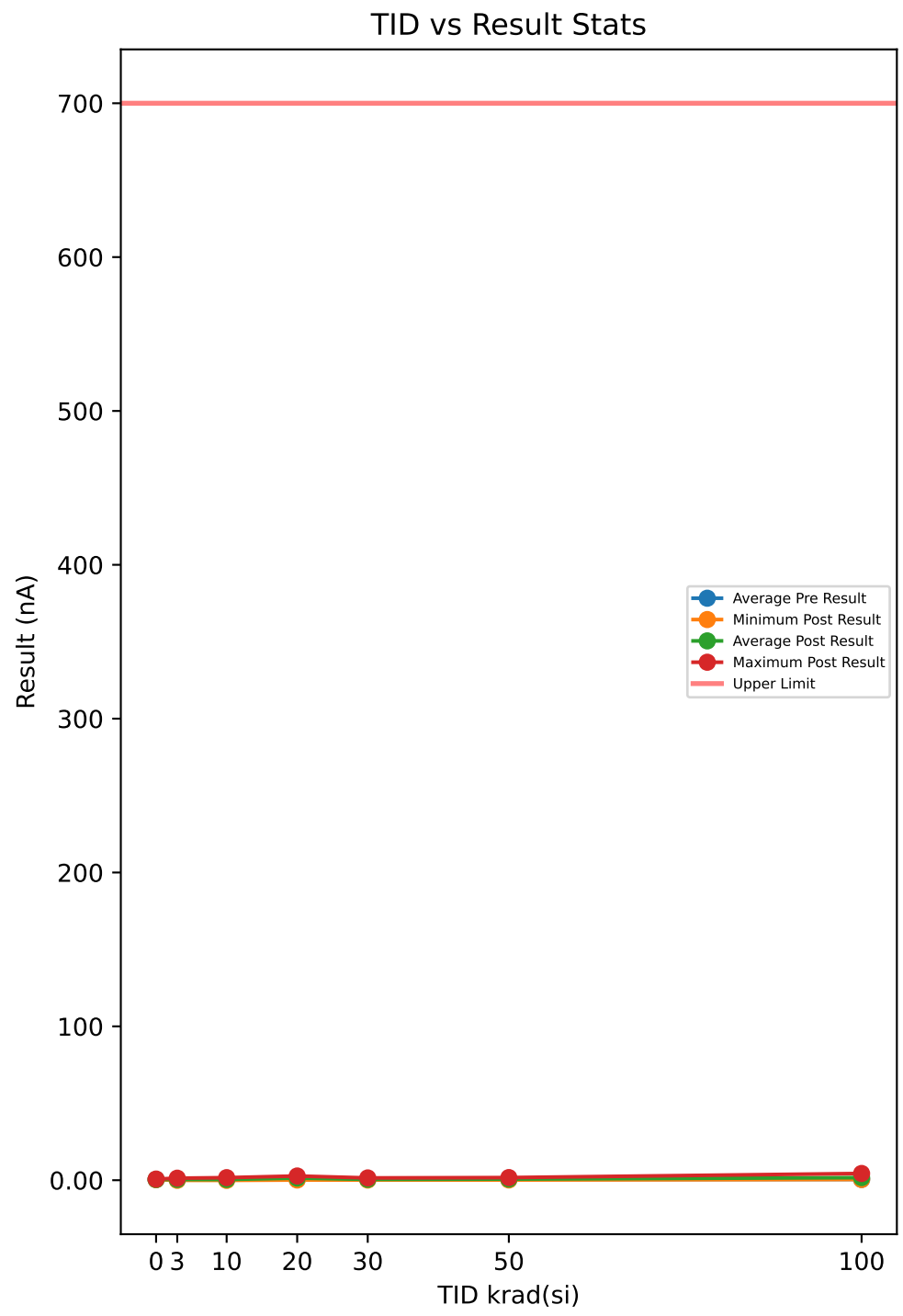
Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0019	0.0793	0.0812
2	3	LDR BIAS	-0.4823	-0.348	0.1343
3	3	LDR BIAS	-0.2058	-0.1527	0.0531
4	3	LDR BIAS	-0.0827	-0.0391	0.0436
5	3	LDR BIAS	-0.1237	0.0106	0.1343
6	3	LDR UNBIAS	-0.3792	-0.5354	-0.1562
7	3	LDR UNBIAS	-0.1589	-0.2745	-0.1156
8	3	LDR UNBIAS	-0.1045	-0.1574	-0.0529
9	3	LDR UNBIAS	0.0106	-0.0175	-0.0281
10	3	LDR UNBIAS	-0.3824	-0.501	-0.1186
11	0	CORRELATION	-0.1309	-0.7291	-0.5982
12	0	CORRELATION	-0.1232	-0.4644	-0.3412
13	0	CORRELATION	-0.0799	-0.521	-0.4411
14	0	CORRELATION	-0.4292	-0.733	-0.3038
21	10	LDR BIAS	-0.0019	-0.2729	-0.271
22	10	LDR BIAS	-0.4823	-0.2745	0.2078
23	10	LDR BIAS	-0.2058	-0.3354	-0.1296
24	10	LDR BIAS	-0.0827	-0.3057	-0.223
25	10	LDR BIAS	-0.1237	-0.3907	-0.267
26	10	LDR UNBIAS	-0.3792	-0.2964	0.0828
27	10	LDR UNBIAS	-0.1589	-0.1699	-0.011
28	10	LDR UNBIAS	-0.1045	-0.209	-0.1045
29	10	LDR UNBIAS	0.0106	-0.2814	-0.292
30	10	LDR UNBIAS	-0.3824	0.7916	1.174
31	20	LDR BIAS	-0.0019	-0.2967	-0.2948
32	20	LDR BIAS	-0.4823	-0.4171	0.0652
33	20	LDR BIAS	-0.2058	-0.2427	-0.0369
34	20	LDR BIAS	-0.0827	0.633	0.7157
35	20	LDR BIAS	-0.1237	-0.4651	-0.3414
36	20	LDR UNBIAS	-0.3792	-0.4546	-0.0754
37	20	LDR UNBIAS	-0.1589	-0.2177	-0.0588
38	20	LDR UNBIAS	-0.1045	0.5582	0.6627
39	20	LDR UNBIAS	0.0106	-0.3123	-0.3229
40	20	LDR UNBIAS	-0.3824	-0.364	0.0184
41	30	LDR BIAS	-0.0019	-0.4544	-0.4525
42	30	LDR BIAS	-0.4823	-0.2583	0.224
43	30	LDR BIAS	-0.2058	-0.1835	0.0223
44	30	LDR BIAS	-0.0827	-0.58	-0.4973
45	30	LDR BIAS	-0.1237	-0.3389	-0.2152
46	30	LDR UNBIAS	-0.3792	-0.1616	0.2176
47	30	LDR UNBIAS	-0.1589	-0.0147	0.1442
48	30	LDR UNBIAS	-0.1045	-0.4488	-0.3443
49	30	LDR UNBIAS	0.0106	-0.3264	-0.337
50	30	LDR UNBIAS	-0.3824	-0.0429	0.3395
51	50	LDR BIAS	-0.0019	-0.042	-0.0401
52	50	LDR BIAS	-0.4823	-0.0482	0.4341
53	50	LDR BIAS	-0.2058	0.0516	0.2574
54	50	LDR BIAS	-0.0827	0.011	0.0937
55	50	LDR BIAS	-0.1237	-0.0139	0.1098
56	50	LDR UNBIAS	-0.3792	-0.12	0.2592
57	50	LDR UNBIAS	-0.1589	0.0048	0.1637
58	50	LDR UNBIAS	-0.1045	-0.0795	0.025
59	50	LDR UNBIAS	0.0106	-0.1169	-0.1275
60	50	LDR UNBIAS	-0.3824	-0.017	0.3654
61	100	LDR BIAS	-0.0019	-0.0398	-0.0379
62	100	LDR BIAS	-0.4823	-0.0242	0.4581
63	100	LDR BIAS	-0.2058	-0.1114	0.0944
64	100	LDR BIAS	-0.0827	-0.1706	-0.0879
65	100	LDR BIAS	-0.1237	-0.1114	0.0123
66	100	LDR UNBIAS	-0.3792	-0.0927	0.2865
67	100	LDR UNBIAS	-0.1589	-0.155	0.0039
68	100	LDR UNBIAS	-0.1045	-0.1394	-0.0349
69	100	LDR UNBIAS	0.0106	-0.1706	-0.1812
70	100	LDR UNBIAS	-0.3824	-0.1332	0.2492

Test Statistics (nA)

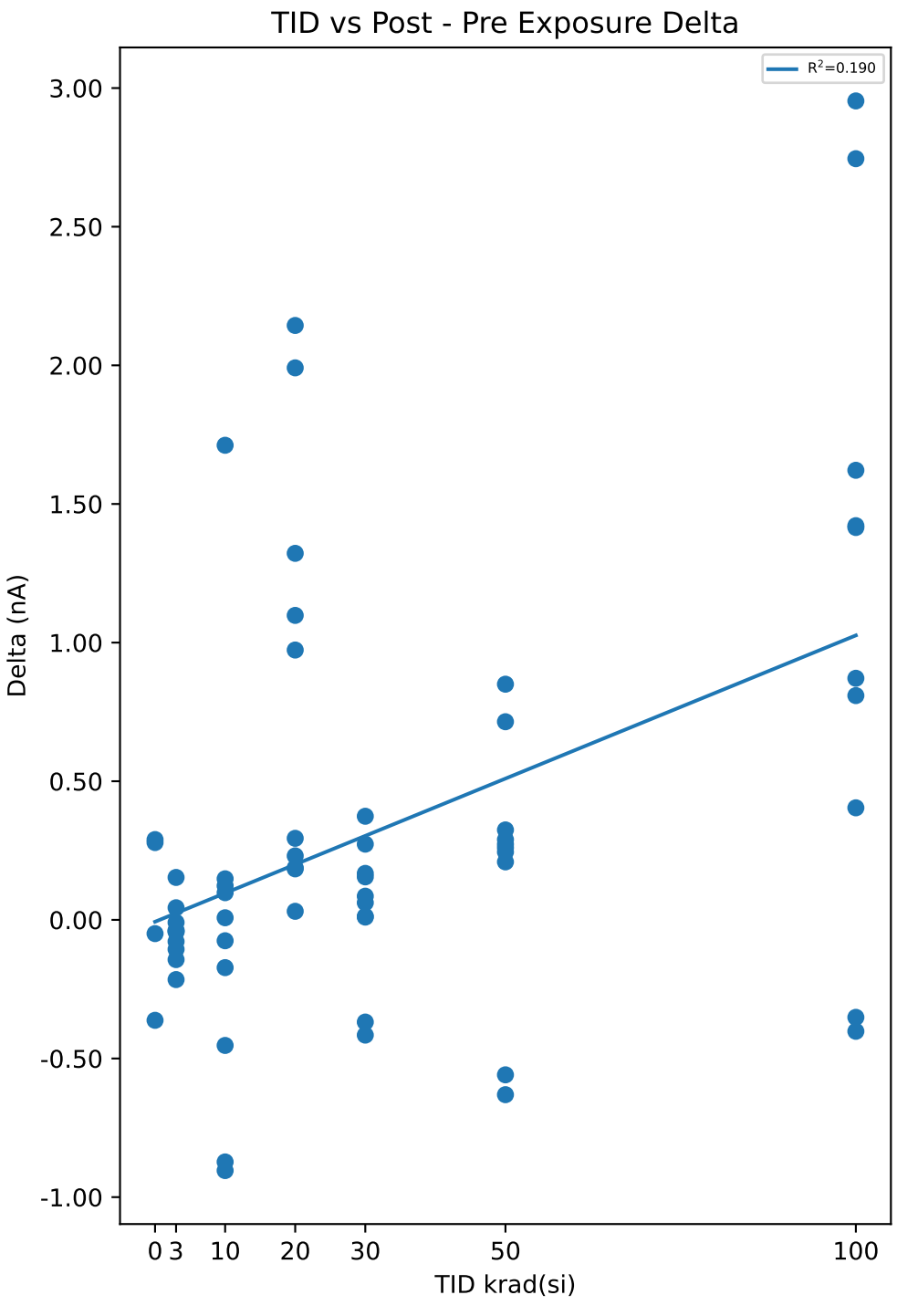
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.4292	-0.1908	-0.0799	0.16051	-0.733	-0.61187	-0.4644	0.13955	-0.5982	-0.42107	-0.3038	0.13154
3	-0.4823	-0.19108	0.0106	0.16941	-0.5354	-0.19357	0.0793	0.21493	-0.1562	-0.00249	0.1343	0.10684
10	-0.4823	-0.19108	0.0106	0.16941	-0.3907	-0.17443	0.7916	0.34486	-0.292	0.01665	1.174	0.43882
20	-0.4823	-0.19108	0.0106	0.16941	-0.4651	-0.1579	0.633	0.4061	-0.3414	0.03318	0.7157	0.37464
30	-0.4823	-0.19108	0.0106	0.16941	-0.58	-0.28095	-0.0147	0.18407	-0.4973	-0.08987	0.3395	0.31337
50	-0.4823	-0.19108	0.0106	0.16941	-0.12	-0.03701	0.0516	0.055842	-0.1275	0.15407	0.4341	0.17768
100	-0.4823	-0.19108	0.0106	0.16941	-0.1706	-0.11483	-0.0242	0.050697	-0.1812	0.07625	0.4581	0.19669

Device Test: 16.16 LEAK|EN_LEAK/EN/14/14/0/0/5/500kHz//@I_EN_LEAK



Test Results (Upper Limit = 700.0 (nA))

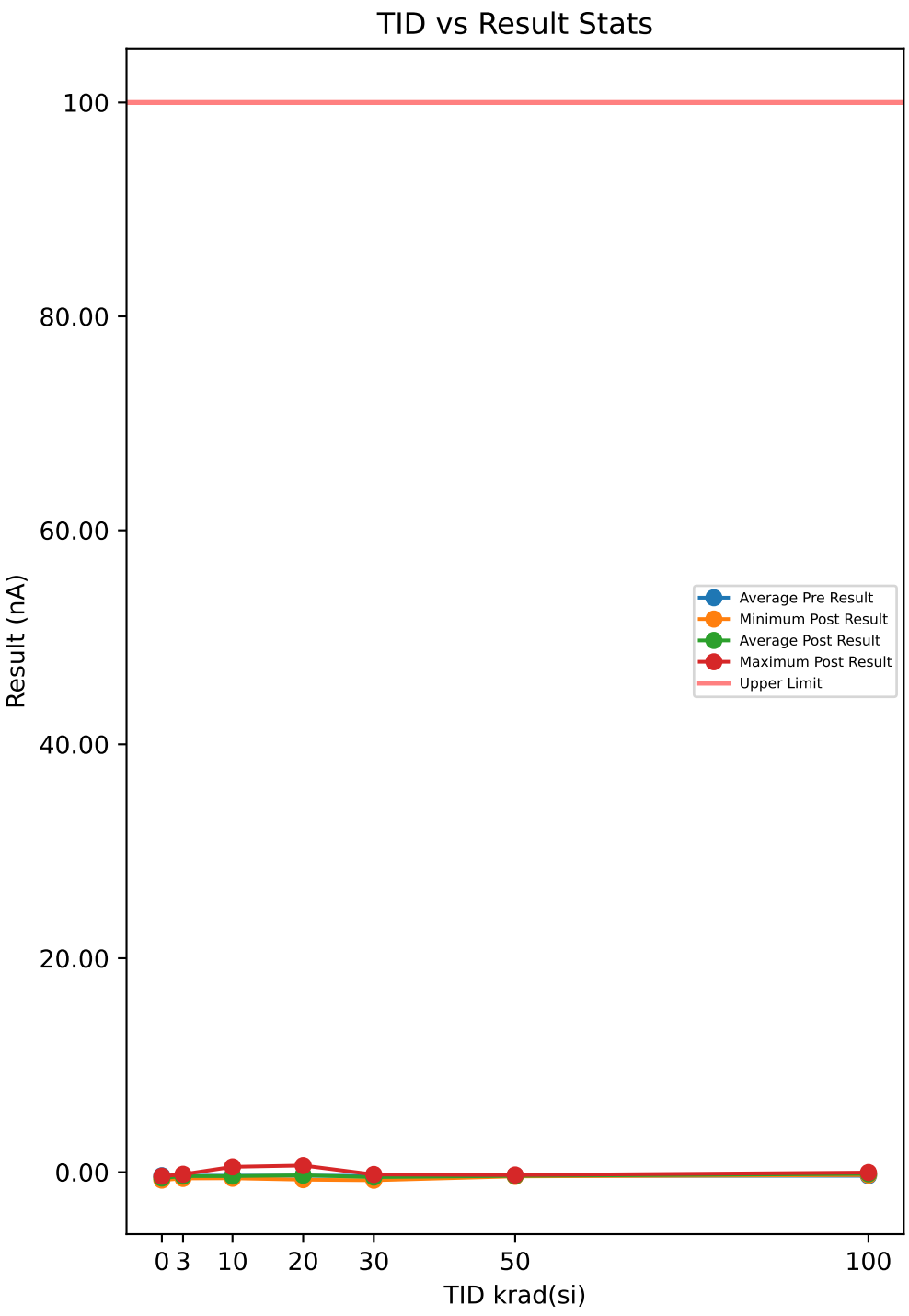
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.4159	1.3098	-0.1061
2	3	LDR BIAS	0.2702	0.2327	-0.0375
3	3	LDR BIAS	0.6309	0.4155	-0.2154
4	3	LDR BIAS	0.3315	0.1882	-0.1433
5	3	LDR BIAS	0.8101	0.7695	-0.0406
6	3	LDR UNBIAS	0.1671	0.2108	0.0437
7	3	LDR UNBIAS	0.3843	0.5373	0.153
8	3	LDR UNBIAS	0.4311	0.3875	-0.0436
9	3	LDR UNBIAS	0.9569	0.8788	-0.0781
10	3	LDR UNBIAS	-0.0545	-0.0639	-0.0094
11	0	CORRELATION	0.4592	0.738	0.2788
12	0	CORRELATION	0.3969	0.3473	-0.0496
13	0	CORRELATION	0.8257	0.4634	-0.3623
14	0	CORRELATION	0.0391	0.3287	0.2896
21	10	LDR BIAS	1.4159	0.963	-0.4529
22	10	LDR BIAS	0.2702	0.3932	0.123
23	10	LDR BIAS	0.6309	0.7289	0.098
24	10	LDR BIAS	0.3315	0.1592	-0.1723
25	10	LDR BIAS	0.8101	-0.0941	-0.9042
26	10	LDR UNBIAS	0.1671	0.3152	0.1481
27	10	LDR UNBIAS	0.3843	0.3919	0.0076
28	10	LDR UNBIAS	0.4311	0.3558	-0.0753
29	10	LDR UNBIAS	0.9569	0.0838	-0.8731
30	10	LDR UNBIAS	-0.0545	1.6572	1.7117
31	20	LDR BIAS	1.4159	2.7378	1.3219
32	20	LDR BIAS	0.2702	0.3011	0.0309
33	20	LDR BIAS	0.6309	0.925	0.2941
34	20	LDR BIAS	0.3315	2.3224	1.9909
35	20	LDR BIAS	0.8101	1.9082	1.0981
36	20	LDR UNBIAS	0.1671	0.3979	0.2308
37	20	LDR UNBIAS	0.3843	0.5722	0.1879
38	20	LDR UNBIAS	0.4311	2.5749	2.1438
39	20	LDR UNBIAS	0.9569	1.9301	0.9732
40	20	LDR UNBIAS	-0.0545	0.1294	0.1839
41	30	LDR BIAS	1.4159	1.4778	0.0619
42	30	LDR BIAS	0.2702	0.4253	0.1551
43	30	LDR BIAS	0.6309	0.904	0.2731
44	30	LDR BIAS	0.3315	0.3443	0.0128
45	30	LDR BIAS	0.8101	0.4415	-0.3686
46	30	LDR UNBIAS	0.1671	0.5408	0.3737
47	30	LDR UNBIAS	0.3843	0.4697	0.0854
48	30	LDR UNBIAS	0.4311	0.4411	0.01
49	30	LDR UNBIAS	0.9569	0.5413	-0.4156
50	30	LDR UNBIAS	-0.0545	0.1131	0.1676
51	50	LDR BIAS	1.4159	1.7056	0.2897
52	50	LDR BIAS	0.2702	0.5946	0.3244
53	50	LDR BIAS	0.6309	1.4809	0.85
54	50	LDR BIAS	0.3315	0.5915	0.26
55	50	LDR BIAS	0.8101	0.1796	-0.6305
56	50	LDR UNBIAS	0.1671	0.8817	0.7146
57	50	LDR UNBIAS	0.3843	0.657	0.2727
58	50	LDR UNBIAS	0.4311	0.6758	0.2447
59	50	LDR UNBIAS	0.9569	0.398	-0.5589
60	50	LDR UNBIAS	-0.0545	0.1546	0.2091
61	100	LDR BIAS	1.4159	4.3695	2.9536
62	100	LDR BIAS	0.2702	1.6853	1.4151
63	100	LDR BIAS	0.6309	3.3762	2.7453
64	100	LDR BIAS	0.3315	0.7356	0.4041
65	100	LDR BIAS	0.8101	0.4585	-0.3516
66	100	LDR UNBIAS	0.1671	1.5888	1.4217
67	100	LDR UNBIAS	0.3843	1.2556	0.8713
68	100	LDR UNBIAS	0.4311	1.24	0.8089
69	100	LDR UNBIAS	0.9569	0.555	-0.4019
70	100	LDR UNBIAS	-0.0545	1.567	1.6215

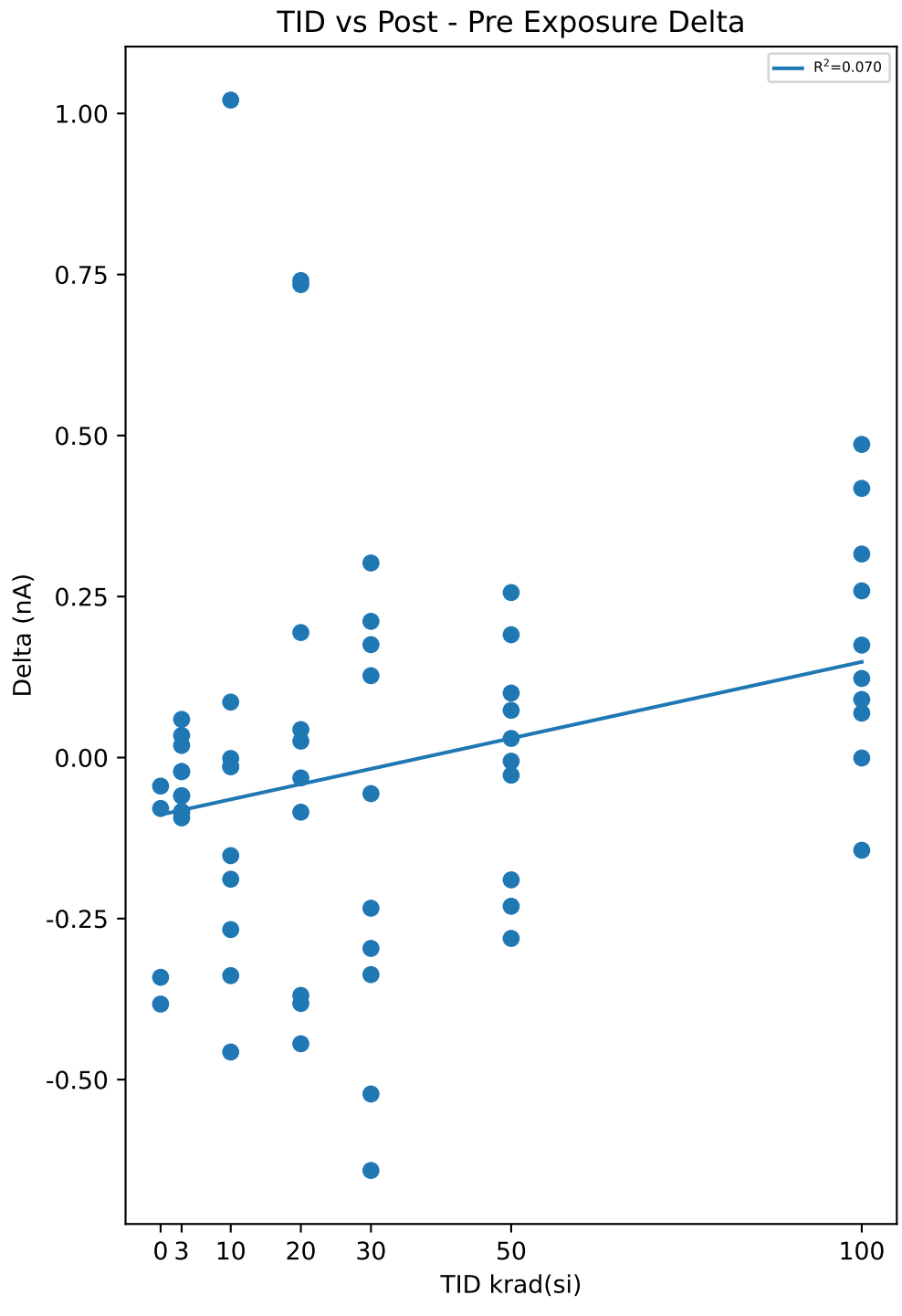


Test Statistics (nA)

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	0.0391	0.43022	0.8257	0.32214	0.3287	0.46935	0.738	0.18876	-0.3623	0.039125	0.2896	0.31048
3	-0.0545	0.53435	1.4159	0.43034	-0.0639	0.48662	1.3098	0.40299	-0.2154	-0.04773	0.153	0.10103
10	-0.0545	0.53435	1.4159	0.43034	-0.0941	0.49541	1.6572	0.50838	-0.9042	-0.03894	1.7117	0.72891
20	-0.0545	0.53435	1.4159	0.43034	0.1294	1.3799	2.7378	1.0162	0.0309	0.84555	2.1438	0.78317
30	-0.0545	0.53435	1.4159	0.43034	0.1131	0.56989	1.4778	0.37434	-0.4156	0.03554	0.3737	0.25248
50	-0.0545	0.53435	1.4159	0.43034	0.1546	0.73193	1.7056	0.50866	-0.6305	0.19758	0.85	0.46992
100	-0.0545	0.53435	1.4159	0.43034	0.4585	1.6831	4.3695	1.2541	-0.4019	1.1488	2.9536	1.1342

Device Test: 16.17 LEAK|EN_LEAK/EN/14/14/0/1000/5/500kHz//@I_EN_LEAK_1V





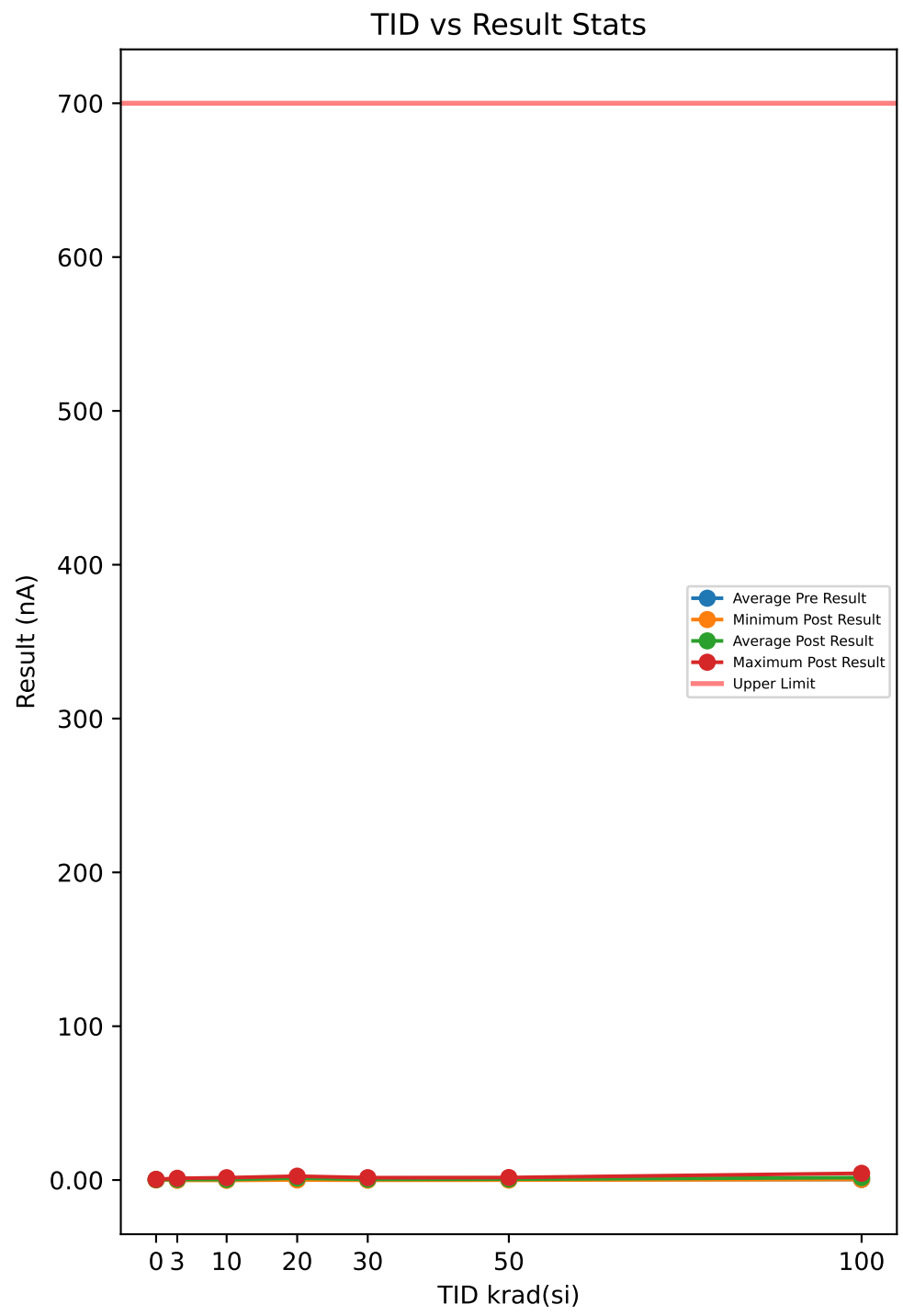
Test Results (Upper Limit = 100.0 (nA))

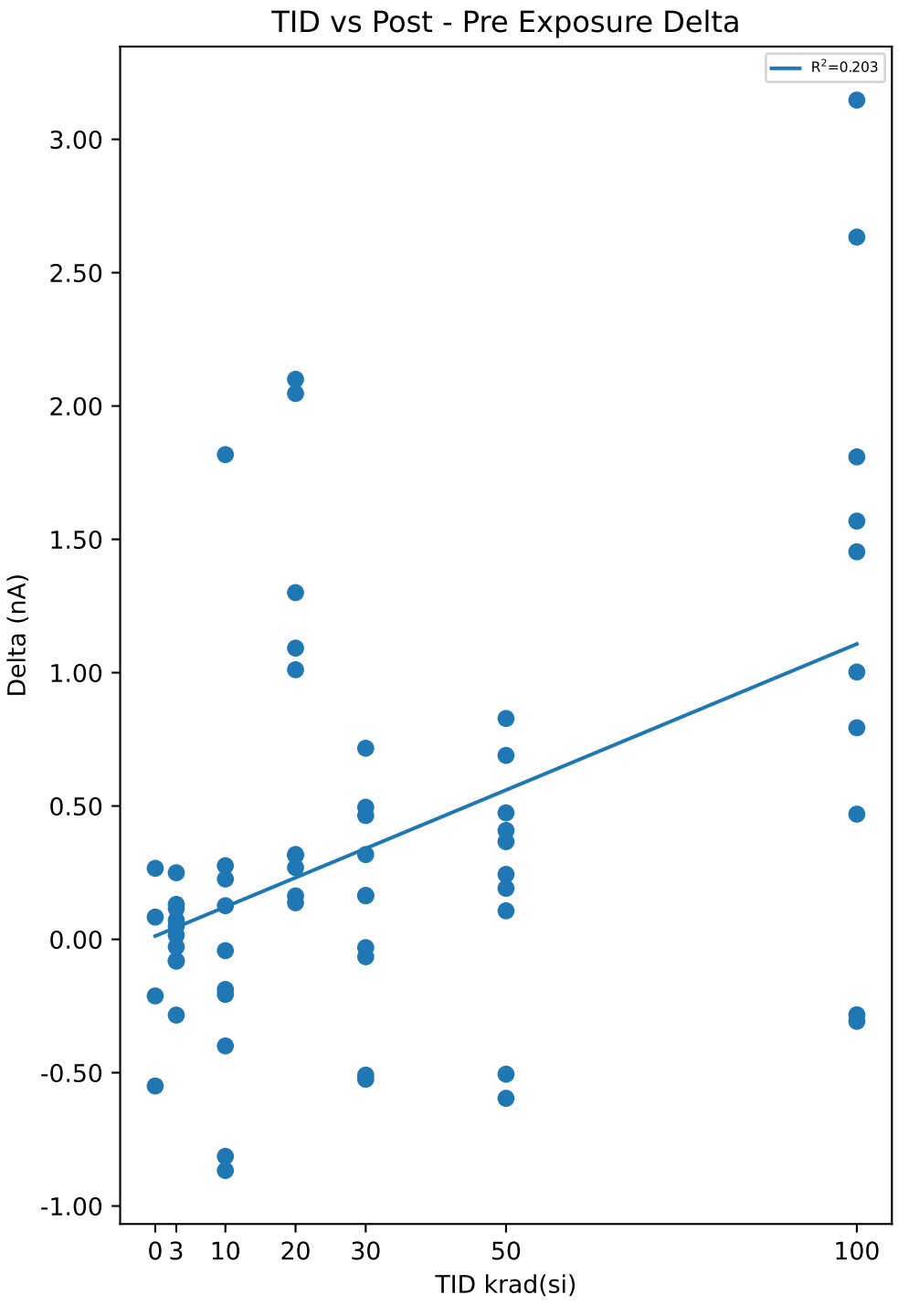
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.2611	-0.2423	0.0188
2	3	LDR BIAS	-0.5635	-0.5853	-0.0218
3	3	LDR BIAS	-0.3931	-0.3338	0.0593
4	3	LDR BIAS	-0.1138	-0.1979	-0.0841
5	3	LDR BIAS	-0.3329	-0.2985	0.0344
6	3	LDR UNBIAS	-0.4916	-0.5853	-0.0937
7	3	LDR UNBIAS	-0.3525	-0.4118	-0.0593
8	3	LDR UNBIAS	-0.1294	-0.2135	-0.0841
9	3	LDR UNBIAS	-0.1767	-0.2361	-0.0594
10	3	LDR UNBIAS	-0.5229	-0.5447	-0.0218
11	0	CORRELATION	-0.2589	-0.6417	-0.3828
12	0	CORRELATION	-0.0951	-0.4363	-0.3412
13	0	CORRELATION	-0.3329	-0.3772	-0.0443
14	0	CORRELATION	-0.6634	-0.7424	-0.079
21	10	LDR BIAS	-0.2611	-0.4134	-0.1523
22	10	LDR BIAS	-0.5635	-0.4774	0.0861
23	10	LDR BIAS	-0.3931	-0.4072	-0.0141
24	10	LDR BIAS	-0.1138	-0.571	-0.4572
25	10	LDR BIAS	-0.3329	-0.5218	-0.1889
26	10	LDR UNBIAS	-0.4916	-0.493	-0.0014
27	10	LDR UNBIAS	-0.3525	-0.3666	-0.0141
28	10	LDR UNBIAS	-0.1294	-0.468	-0.3386
29	10	LDR UNBIAS	-0.1767	-0.4438	-0.2671
30	10	LDR UNBIAS	-0.5229	0.4979	1.0208
31	20	LDR BIAS	-0.2611	-0.6429	-0.3818
32	20	LDR BIAS	-0.5635	-0.5201	0.0434
33	20	LDR BIAS	-0.3931	-0.199	0.1941
34	20	LDR BIAS	-0.1138	0.6205	0.7343
35	20	LDR BIAS	-0.3329	-0.7022	-0.3693
36	20	LDR UNBIAS	-0.4916	-0.5764	-0.0848
37	20	LDR UNBIAS	-0.3525	-0.327	0.0255
38	20	LDR UNBIAS	-0.1294	0.6112	0.7406
39	20	LDR UNBIAS	-0.1767	-0.6211	-0.4444
40	20	LDR UNBIAS	-0.5229	-0.5545	-0.0316
41	30	LDR BIAS	-0.2611	-0.5574	-0.2963
42	30	LDR BIAS	-0.5635	-0.2614	0.3021
43	30	LDR BIAS	-0.3931	-0.2178	0.1753
44	30	LDR BIAS	-0.1138	-0.7549	-0.6411
45	30	LDR BIAS	-0.3329	-0.5668	-0.2339
46	30	LDR UNBIAS	-0.4916	-0.3645	0.1271
47	30	LDR UNBIAS	-0.3525	-0.4085	-0.056
48	30	LDR UNBIAS	-0.1294	-0.6518	-0.5224
49	30	LDR UNBIAS	-0.1767	-0.5137	-0.337
50	30	LDR UNBIAS	-0.5229	-0.3114	0.2115
51	50	LDR BIAS	-0.2611	-0.2667	-0.0056
52	50	LDR BIAS	-0.5635	-0.3073	0.2562
53	50	LDR BIAS	-0.3931	-0.3634	0.0297
54	50	LDR BIAS	-0.1138	-0.3946	-0.2808
55	50	LDR BIAS	-0.3329	-0.3603	-0.0274
56	50	LDR UNBIAS	-0.4916	-0.3915	0.1001
57	50	LDR UNBIAS	-0.3525	-0.2792	0.0733
58	50	LDR UNBIAS	-0.1294	-0.3603	-0.2309
59	50	LDR UNBIAS	-0.1767	-0.3666	-0.1899
60	50	LDR UNBIAS	-0.5229	-0.3322	0.1907
61	100	LDR BIAS	-0.2611	-0.0865	0.1746
62	100	LDR BIAS	-0.5635	-0.1456	0.4179
63	100	LDR BIAS	-0.3931	-0.0771	0.316
64	100	LDR BIAS	-0.1138	-0.2577	-0.1439
65	100	LDR BIAS	-0.3329	-0.264	0.0689
66	100	LDR UNBIAS	-0.4916	-0.2328	0.2588
67	100	LDR UNBIAS	-0.3525	-0.2297	0.1228
68	100	LDR UNBIAS	-0.1294	-0.1301	-0.0007
69	100	LDR UNBIAS	-0.1767	-0.0865	0.0902
70	100	LDR UNBIAS	-0.5229	-0.0367	0.4862

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	-0.6634	-0.33758	-0.0951	0.23886	-0.7424	-0.5494	-0.3772	0.17148	-0.3828	-0.21182	-0.0443	0.17481
3	-0.5635	-0.33375	-0.1138	0.16242	-0.5853	-0.36492	-0.1979	0.15616	-0.0937	-0.03117	0.0593	0.054015
10	-0.5635	-0.33375	-0.1138	0.16242	-0.571	-0.36643	0.4979	0.3094	-0.4572	-0.03268	1.0208	0.4073
20	-0.5635	-0.33375	-0.1138	0.16242	-0.7022	-0.29115	0.6205	0.50109	-0.4444	0.0426	0.7406	0.42132
30	-0.5635	-0.33375	-0.1138	0.16242	-0.7549	-0.46082	-0.2178	0.17622	-0.6411	-0.12707	0.3021	0.32737
50	-0.5635	-0.33375	-0.1138	0.16242	-0.3946	-0.34221	-0.2667	0.044552	-0.2808	-0.00846	0.2562	0.17844
100	-0.5635	-0.33375	-0.1138	0.16242	-0.264	-0.15467	-0.0367	0.08447	-0.1439	0.17908	0.4862	0.19331

Device Test: 16.18 LEAK|EN_LEAK/EN/14/14/0/1000/5/500kHz//@I_EN_LEAK





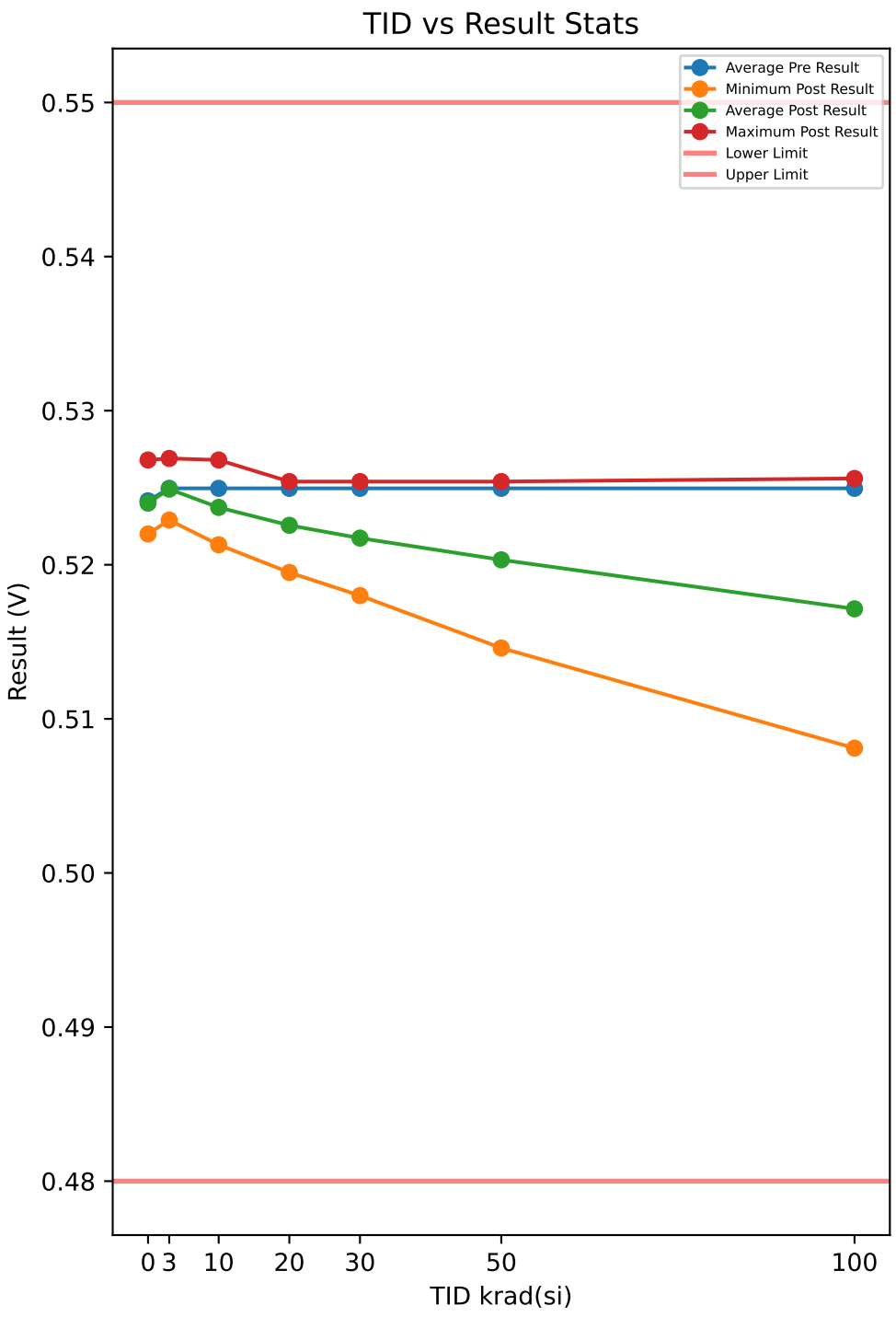
Test Results (Upper Limit = 700.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2223	1.1411	-0.0812
2	3	LDR BIAS	-0.0233	0.2265	0.2498
3	3	LDR BIAS	0.4561	0.172	-0.2841
4	3	LDR BIAS	0.3097	0.2287	-0.081
5	3	LDR BIAS	0.6602	0.6321	-0.0281
6	3	LDR UNBIAS	-0.0389	0.0329	0.0718
7	3	LDR UNBIAS	0.2126	0.3437	0.1311
8	3	LDR UNBIAS	0.3439	0.3595	0.0156
9	3	LDR UNBIAS	0.6883	0.7383	0.05
10	3	LDR UNBIAS	-0.295	-0.1794	0.1156
11	0	CORRELATION	0.1938	0.4602	0.2664
12	0	CORRELATION	0.2692	0.057	-0.2122
13	0	CORRELATION	0.7633	0.2134	-0.5499
14	0	CORRELATION	0.0173	0.1007	0.0834
21	10	LDR BIAS	1.2223	0.8226	-0.3997
22	10	LDR BIAS	-0.0233	0.2029	0.2262
23	10	LDR BIAS	0.4561	0.5823	0.1262
24	10	LDR BIAS	0.3097	0.1218	-0.1879
25	10	LDR BIAS	0.6602	-0.2065	-0.8667
26	10	LDR UNBIAS	-0.0389	0.2372	0.2761
27	10	LDR UNBIAS	0.2126	0.1703	-0.0423
28	10	LDR UNBIAS	0.3439	0.1374	-0.2065
29	10	LDR UNBIAS	0.6883	-0.1254	-0.8137
30	10	LDR UNBIAS	-0.295	1.5228	1.8178
31	20	LDR BIAS	1.2223	2.5226	1.3003
32	20	LDR BIAS	-0.0233	0.1138	0.1371
33	20	LDR BIAS	0.4561	0.7252	0.2691
34	20	LDR BIAS	0.3097	2.3567	2.047
35	20	LDR BIAS	0.6602	1.6712	1.011
36	20	LDR UNBIAS	-0.0389	0.2761	0.315
37	20	LDR UNBIAS	0.2126	0.3755	0.1629
38	20	LDR UNBIAS	0.3439	2.444	2.1001
39	20	LDR UNBIAS	0.6883	1.7804	1.0921
40	20	LDR UNBIAS	-0.295	0.0232	0.3182
41	30	LDR BIAS	1.2223	1.5402	0.3179
42	30	LDR BIAS	-0.0233	0.4721	0.4954
43	30	LDR BIAS	0.4561	1.1728	0.7167
44	30	LDR BIAS	0.3097	0.2787	-0.031
45	30	LDR BIAS	0.6602	0.1512	-0.509
46	30	LDR UNBIAS	-0.0389	0.4253	0.4642
47	30	LDR UNBIAS	0.2126	0.3759	0.1633
48	30	LDR UNBIAS	0.3439	0.2787	-0.0652
49	30	LDR UNBIAS	0.6883	0.1637	-0.5246
50	30	LDR UNBIAS	-0.295	-0.1303	0.1647
51	50	LDR BIAS	1.2223	1.6307	0.4084
52	50	LDR BIAS	-0.0233	0.4511	0.4744
53	50	LDR BIAS	0.4561	1.2843	0.8282
54	50	LDR BIAS	0.3097	0.4167	0.107
55	50	LDR BIAS	0.6602	0.0641	-0.5961
56	50	LDR UNBIAS	-0.0389	0.6508	0.6897
57	50	LDR UNBIAS	0.2126	0.579	0.3664
58	50	LDR UNBIAS	0.3439	0.5353	0.1914
59	50	LDR UNBIAS	0.6883	0.1827	-0.5056
60	50	LDR UNBIAS	-0.295	-0.0514	0.2436
61	100	LDR BIAS	1.2223	4.3695	3.1472
62	100	LDR BIAS	-0.0233	1.5452	1.5685
63	100	LDR BIAS	0.4561	3.0897	2.6336
64	100	LDR BIAS	0.3097	0.7792	0.4695
65	100	LDR BIAS	0.6602	0.3526	-0.3076
66	100	LDR UNBIAS	-0.0389	1.4144	1.4533
67	100	LDR UNBIAS	0.2126	1.2151	1.0025
68	100	LDR UNBIAS	0.3439	1.1373	0.7934
69	100	LDR UNBIAS	0.6883	0.4055	-0.2828
70	100	LDR UNBIAS	-0.295	1.5141	1.8091

Test Statistics (nA)

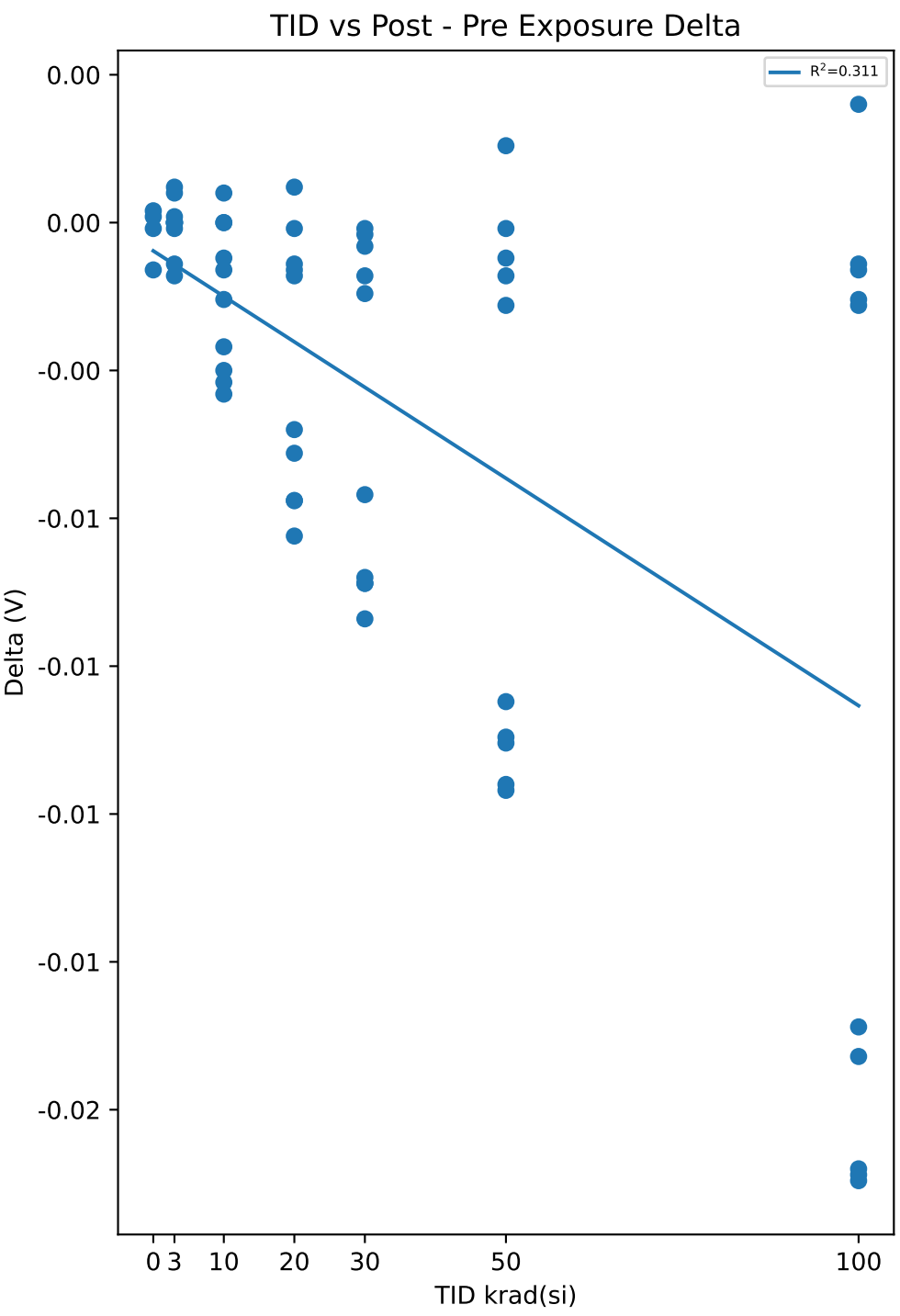
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.0173	0.3109	0.7633	0.31954	0.057	0.20783	0.4602	0.18069	-0.5499	-0.10307	0.2664	0.35723
3	-0.295	0.35359	1.2223	0.43587	-0.1794	0.36954	1.1411	0.37932	-0.2841	0.01595	0.2498	0.14642
10	-0.295	0.35359	1.2223	0.43587	-0.2065	0.34654	1.5228	0.51124	-0.8667	-0.00705	1.8178	0.75277
20	-0.295	0.35359	1.2223	0.43587	0.0232	1.2289	2.5226	1.0279	0.1371	0.87528	2.1001	0.75743
30	-0.295	0.35359	1.2223	0.43587	-0.1303	0.47283	1.5402	0.50322	-0.5246	0.11924	0.7167	0.41187
50	-0.295	0.35359	1.2223	0.43587	-0.0514	0.57433	1.6307	0.52416	-0.5961	0.22074	0.8282	0.46174
100	-0.295	0.35359	1.2223	0.43587	0.3526	1.5823	4.3695	1.245	-0.3076	1.2287	3.1472	1.1362

Device Test: 16.2 LEVEL|EN_FALL/EN/4.5/4.5/0/0/4.5/500kHz//@V_EN_FALL



Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

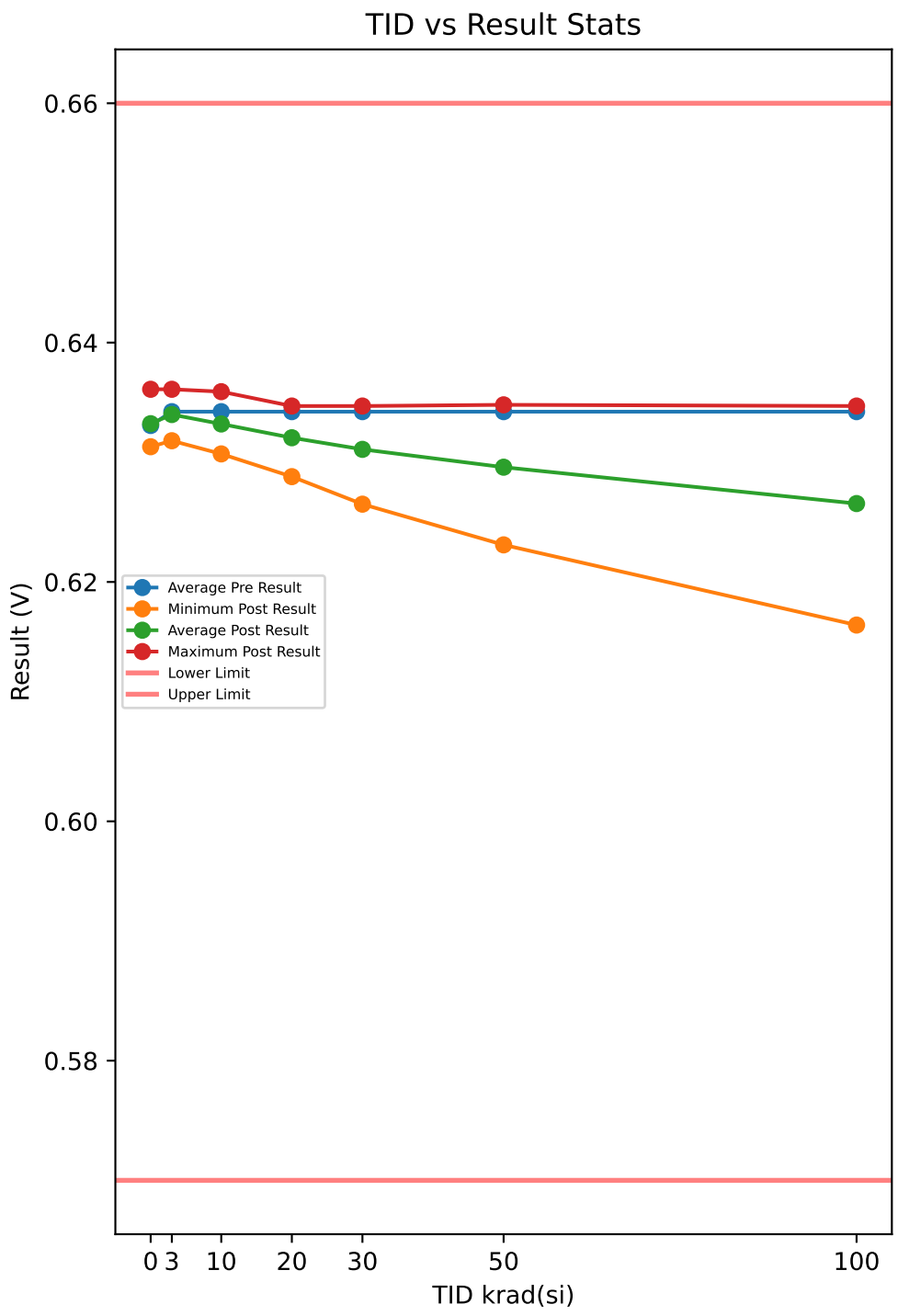
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.5261	0.526	-0.0001
2	3	LDR BIAS	0.5241	0.5234	-0.0007
3	3	LDR BIAS	0.5242	0.5242	0
4	3	LDR BIAS	0.5255	0.5255	0
5	3	LDR BIAS	0.5249	0.5254	0.0005
6	3	LDR UNBIAS	0.5254	0.5254	0
7	3	LDR UNBIAS	0.5248	0.5248	0
8	3	LDR UNBIAS	0.5228	0.5229	0.0001
9	3	LDR UNBIAS	0.5263	0.5269	0.0006
10	3	LDR UNBIAS	0.5255	0.5246	-0.0009
11	0	CORRELATION	0.5276	0.5268	-0.0008
12	0	CORRELATION	0.5221	0.522	-0.0001
13	0	CORRELATION	0.5241	0.5242	0.0001
14	0	CORRELATION	0.5228	0.523	0.0002
21	10	LDR BIAS	0.5261	0.5236	-0.0025
22	10	LDR BIAS	0.5241	0.5228	-0.0013
23	10	LDR BIAS	0.5242	0.5213	-0.0029
24	10	LDR BIAS	0.5255	0.5228	-0.0027
25	10	LDR BIAS	0.5249	0.5228	-0.0021
26	10	LDR UNBIAS	0.5254	0.5248	-0.0006
27	10	LDR UNBIAS	0.5248	0.524	-0.0008
28	10	LDR UNBIAS	0.5228	0.5228	0
29	10	LDR UNBIAS	0.5263	0.5268	0.0005
30	10	LDR UNBIAS	0.5255	0.5255	0
31	20	LDR BIAS	0.5261	0.5208	-0.0053
32	20	LDR BIAS	0.5241	0.5202	-0.0039
33	20	LDR BIAS	0.5242	0.5195	-0.0047
34	20	LDR BIAS	0.5255	0.5208	-0.0047
35	20	LDR BIAS	0.5249	0.5214	-0.0035
36	20	LDR UNBIAS	0.5254	0.5247	-0.0007
37	20	LDR UNBIAS	0.5248	0.524	-0.0008
38	20	LDR UNBIAS	0.5228	0.5234	0.0006
39	20	LDR UNBIAS	0.5263	0.5254	-0.0009
40	20	LDR UNBIAS	0.5255	0.5254	-0.0001
41	30	LDR BIAS	0.5261	0.5194	-0.0067
42	30	LDR BIAS	0.5241	0.518	-0.0061
43	30	LDR BIAS	0.5242	0.5181	-0.0061
44	30	LDR BIAS	0.5255	0.5195	-0.006
45	30	LDR BIAS	0.5249	0.5203	-0.0046
46	30	LDR UNBIAS	0.5254	0.525	-0.0004
47	30	LDR UNBIAS	0.5248	0.5236	-0.0012
48	30	LDR UNBIAS	0.5228	0.5227	-0.0001
49	30	LDR UNBIAS	0.5263	0.5254	-0.0009
50	30	LDR UNBIAS	0.5255	0.5253	-0.0002
51	50	LDR BIAS	0.5261	0.5174	-0.0087
52	50	LDR BIAS	0.5241	0.5153	-0.0088
53	50	LDR BIAS	0.5242	0.5146	-0.0096
54	50	LDR BIAS	0.5255	0.516	-0.0095
55	50	LDR BIAS	0.5249	0.5168	-0.0081
56	50	LDR UNBIAS	0.5254	0.5248	-0.0006
57	50	LDR UNBIAS	0.5248	0.5234	-0.0014
58	50	LDR UNBIAS	0.5228	0.5241	0.0013
59	50	LDR UNBIAS	0.5263	0.5254	-0.0009
60	50	LDR UNBIAS	0.5255	0.5254	-0.0001
61	100	LDR BIAS	0.5261	0.512	-0.0141
62	100	LDR BIAS	0.5241	0.5081	-0.016
63	100	LDR BIAS	0.5242	0.5081	-0.0161
64	100	LDR BIAS	0.5255	0.5093	-0.0162
65	100	LDR BIAS	0.5249	0.5113	-0.0136
66	100	LDR UNBIAS	0.5254	0.5241	-0.0013
67	100	LDR UNBIAS	0.5248	0.524	-0.0008
68	100	LDR UNBIAS	0.5228	0.5248	0.002
69	100	LDR UNBIAS	0.5263	0.5256	-0.0007
70	100	LDR UNBIAS	0.5255	0.5241	-0.0014

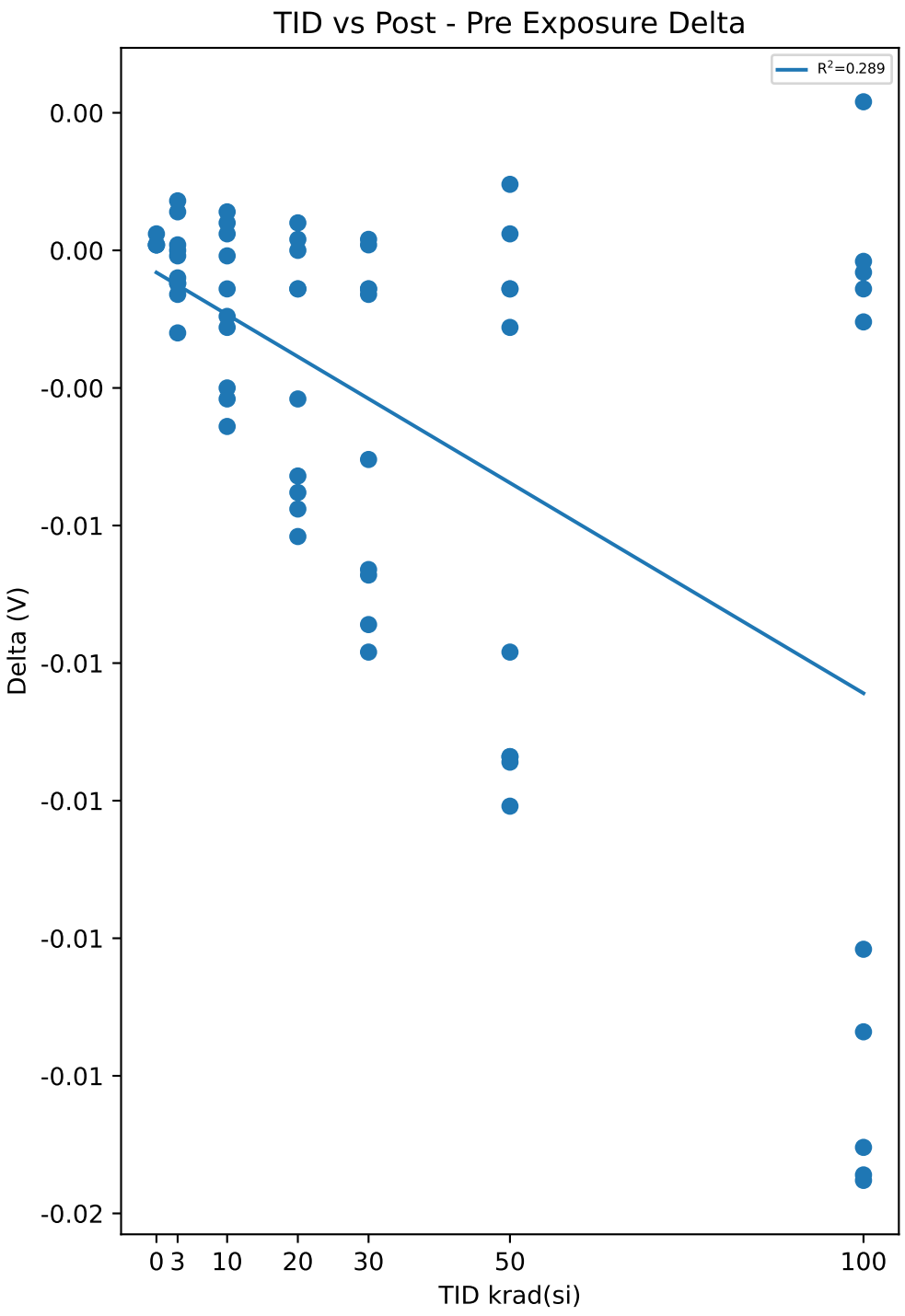


Test Statistics (V)

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	0.5221	0.52415	0.5276	0.0024447	0.522	0.524	0.5268	0.002072	-0.0008	-0.00015	0.0002	0.00045092
3	0.5228	0.52496	0.5263	0.001048	0.5229	0.52491	0.5269	0.0011976	-0.0009	-5e-05	0.0006	0.00046007
10	0.5228	0.52496	0.5263	0.001048	0.5213	0.52372	0.5268	0.001604	-0.0029	-0.00124	0.0005	0.0012438
20	0.5228	0.52496	0.5263	0.001048	0.5195	0.52256	0.5254	0.0022599	-0.0053	-0.0024	0.0006	0.0022221
30	0.5228	0.52496	0.5263	0.001048	0.518	0.52173	0.5254	0.0029978	-0.0067	-0.00323	-0.0001	0.0028791
50	0.5228	0.52496	0.5263	0.001048	0.5146	0.52032	0.5254	0.0046303	-0.0096	-0.00464	0.0013	0.0046029
100	0.5228	0.52496	0.5263	0.001048	0.5081	0.51714	0.5256	0.0078855	-0.0162	-0.00782	0.002	0.0078788

Device Test: 16.4 LEVEL|EN_RISE/EN/5/5/0/0/5/500kHz//@V_EN_RISE





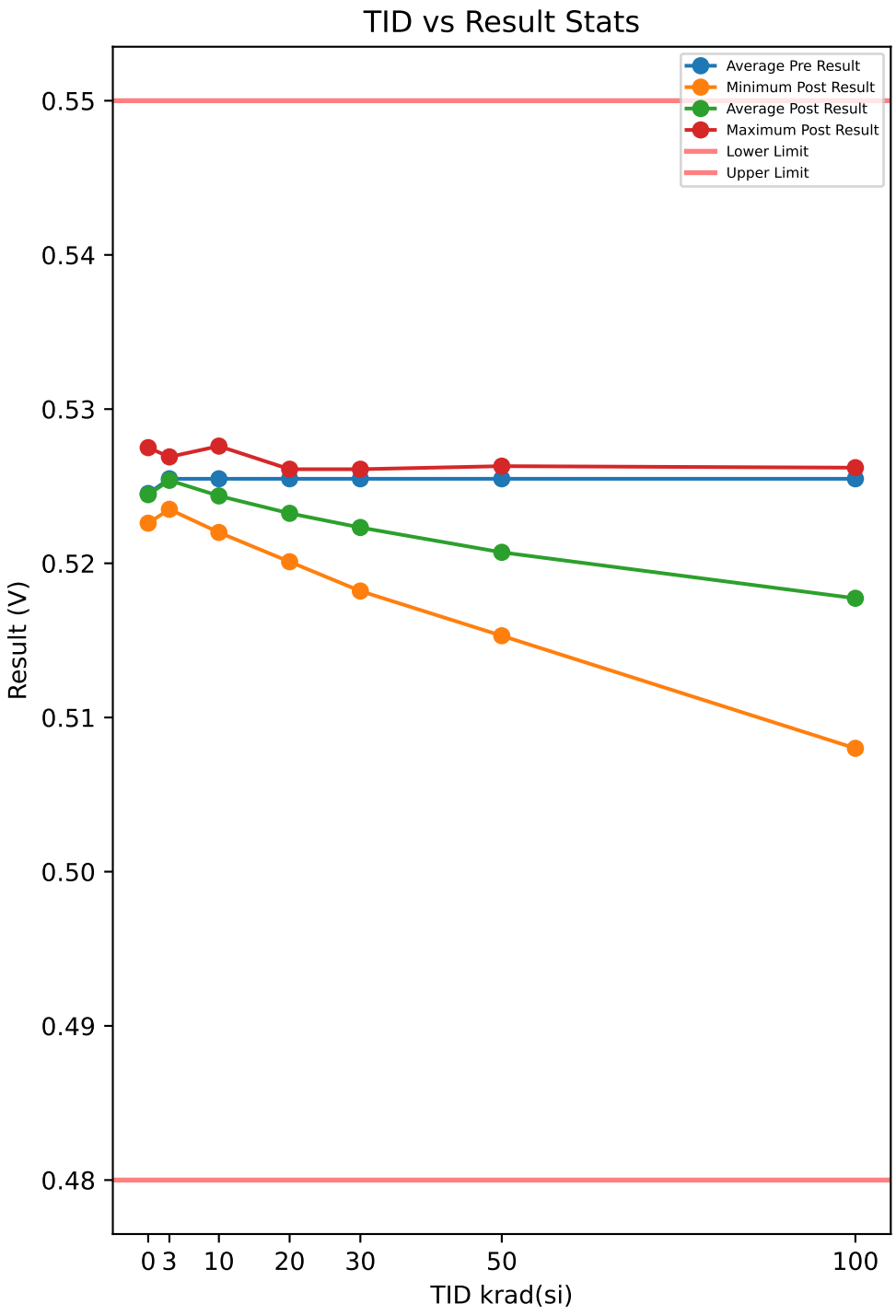
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

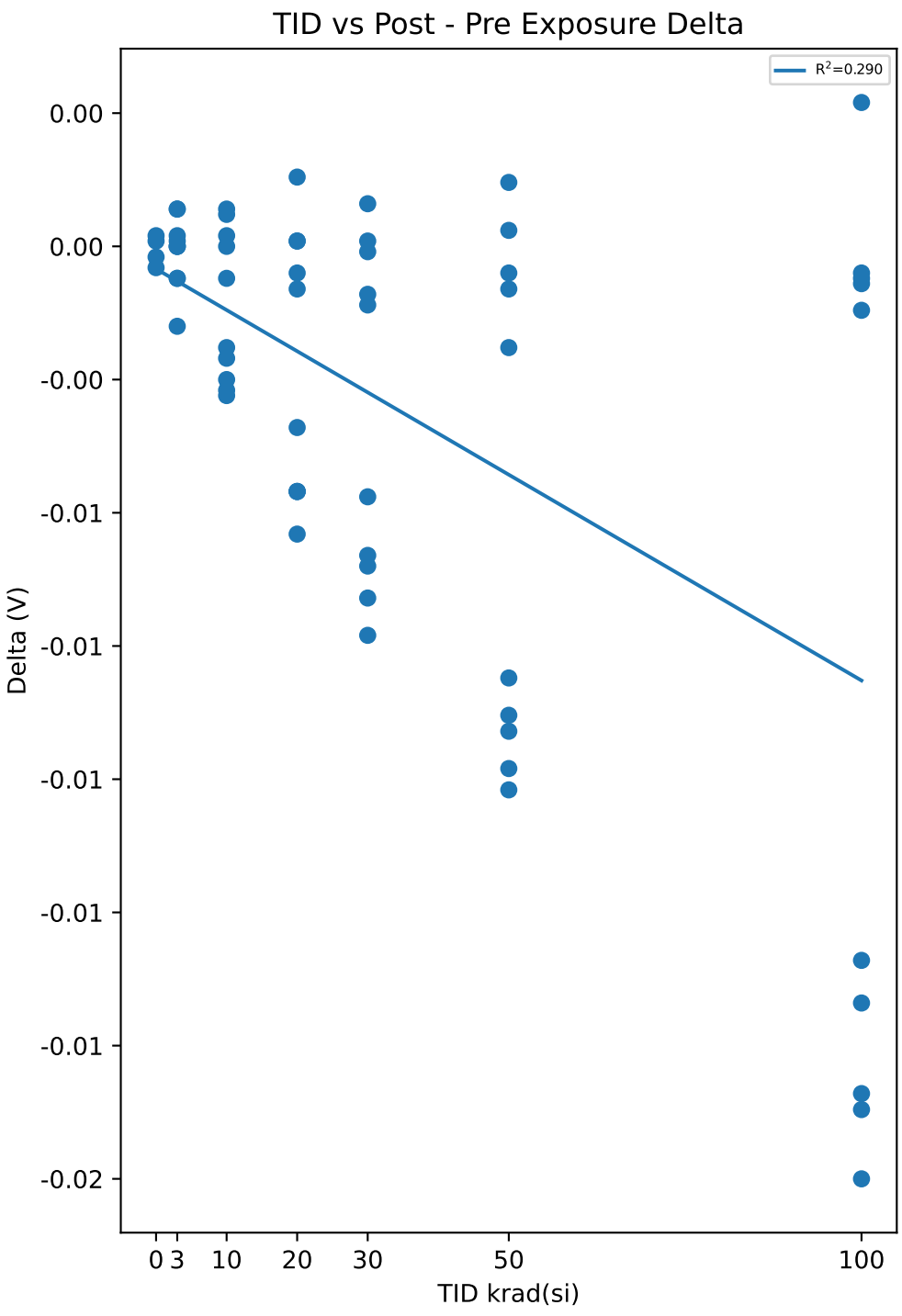
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.6359	0.6354	-0.0005
2	3	LDR BIAS	0.6333	0.6318	-0.0015
3	3	LDR BIAS	0.6332	0.6326	-0.0006
4	3	LDR BIAS	0.6346	0.6347	0.0001
5	3	LDR BIAS	0.6339	0.6348	0.0009
6	3	LDR UNBIAS	0.6354	0.6353	-0.0001
7	3	LDR UNBIAS	0.6341	0.6333	-0.0008
8	3	LDR UNBIAS	0.632	0.632	0
9	3	LDR UNBIAS	0.6354	0.6361	0.0007
10	3	LDR UNBIAS	0.6345	0.6339	-0.0006
11	0	CORRELATION	0.636	0.6361	0.0001
12	0	CORRELATION	0.6312	0.6313	0.0001
13	0	CORRELATION	0.6333	0.6334	0.0001
14	0	CORRELATION	0.6318	0.6321	0.0003
21	10	LDR BIAS	0.6359	0.6327	-0.0032
22	10	LDR BIAS	0.6333	0.6319	-0.0014
23	10	LDR BIAS	0.6332	0.6307	-0.0025
24	10	LDR BIAS	0.6346	0.6319	-0.0027
25	10	LDR BIAS	0.6339	0.6327	-0.0012
26	10	LDR UNBIAS	0.6354	0.6347	-0.0007
27	10	LDR UNBIAS	0.6341	0.634	-0.0001
28	10	LDR UNBIAS	0.632	0.6327	0.0007
29	10	LDR UNBIAS	0.6354	0.6359	0.0005
30	10	LDR UNBIAS	0.6345	0.6348	0.0003
31	20	LDR BIAS	0.6359	0.6307	-0.0052
32	20	LDR BIAS	0.6333	0.6292	-0.0041
33	20	LDR BIAS	0.6332	0.6288	-0.0044
34	20	LDR BIAS	0.6346	0.6299	-0.0047
35	20	LDR BIAS	0.6339	0.6312	-0.0027
36	20	LDR UNBIAS	0.6354	0.6347	-0.0007
37	20	LDR UNBIAS	0.6341	0.6341	0
38	20	LDR UNBIAS	0.632	0.6325	0.0005
39	20	LDR UNBIAS	0.6354	0.6347	-0.0007
40	20	LDR UNBIAS	0.6345	0.6347	0.0002
41	30	LDR BIAS	0.6359	0.6286	-0.0073
42	30	LDR BIAS	0.6333	0.6265	-0.0068
43	30	LDR BIAS	0.6332	0.6274	-0.0058
44	30	LDR BIAS	0.6346	0.6287	-0.0059
45	30	LDR BIAS	0.6339	0.6301	-0.0038
46	30	LDR UNBIAS	0.6354	0.6347	-0.0007
47	30	LDR UNBIAS	0.6341	0.6334	-0.0007
48	30	LDR UNBIAS	0.632	0.6321	0.0001
49	30	LDR UNBIAS	0.6354	0.6346	-0.0008
50	30	LDR UNBIAS	0.6345	0.6347	0.0002
51	50	LDR BIAS	0.6359	0.6267	-0.0092
52	50	LDR BIAS	0.6333	0.6241	-0.0092
53	50	LDR BIAS	0.6332	0.6231	-0.0101
54	50	LDR BIAS	0.6346	0.6253	-0.0093
55	50	LDR BIAS	0.6339	0.6266	-0.0073
56	50	LDR UNBIAS	0.6354	0.6347	-0.0007
57	50	LDR UNBIAS	0.6341	0.6327	-0.0014
58	50	LDR UNBIAS	0.632	0.6332	0.0012
59	50	LDR UNBIAS	0.6354	0.6347	-0.0007
60	50	LDR UNBIAS	0.6345	0.6348	0.0003
61	100	LDR BIAS	0.6359	0.6217	-0.0142
62	100	LDR BIAS	0.6333	0.6164	-0.0169
63	100	LDR BIAS	0.6332	0.6164	-0.0168
64	100	LDR BIAS	0.6346	0.6183	-0.0163
65	100	LDR BIAS	0.6339	0.6212	-0.0127
66	100	LDR UNBIAS	0.6354	0.6341	-0.0013
67	100	LDR UNBIAS	0.6341	0.6339	-0.0002
68	100	LDR UNBIAS	0.632	0.6347	0.0027
69	100	LDR UNBIAS	0.6354	0.6347	-0.0007
70	100	LDR UNBIAS	0.6345	0.6341	-0.0004

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	0.6312	0.63308	0.636	0.0021407	0.6313	0.63322	0.6361	0.002103	0.0001	0.00015	0.0003	0.0001
3	0.632	0.63423	0.6359	0.0011908	0.6318	0.63399	0.6361	0.0015088	-0.0015	-0.00024	0.0009	0.00071523
10	0.632	0.63423	0.6359	0.0011908	0.6307	0.6332	0.6359	0.0016028	-0.0032	-0.00103	0.0007	0.0014103
20	0.632	0.63423	0.6359	0.0011908	0.6288	0.63205	0.6347	0.002388	-0.0052	-0.00218	0.0005	0.002269
30	0.632	0.63423	0.6359	0.0011908	0.6265	0.63108	0.6347	0.0032027	-0.0073	-0.00315	0.0002	0.0030707
50	0.632	0.63423	0.6359	0.0011908	0.6231	0.62959	0.6348	0.0048308	-0.0101	-0.00464	0.0012	0.0047169
100	0.632	0.63423	0.6359	0.0011908	0.6164	0.62655	0.6347	0.0083475	-0.0169	-0.00768	0.0027	0.0082752

Device Test: 16.5 LEVEL|EN_FALL/EN/5/5/0/0/5/500kHz//@V_EN_FALL





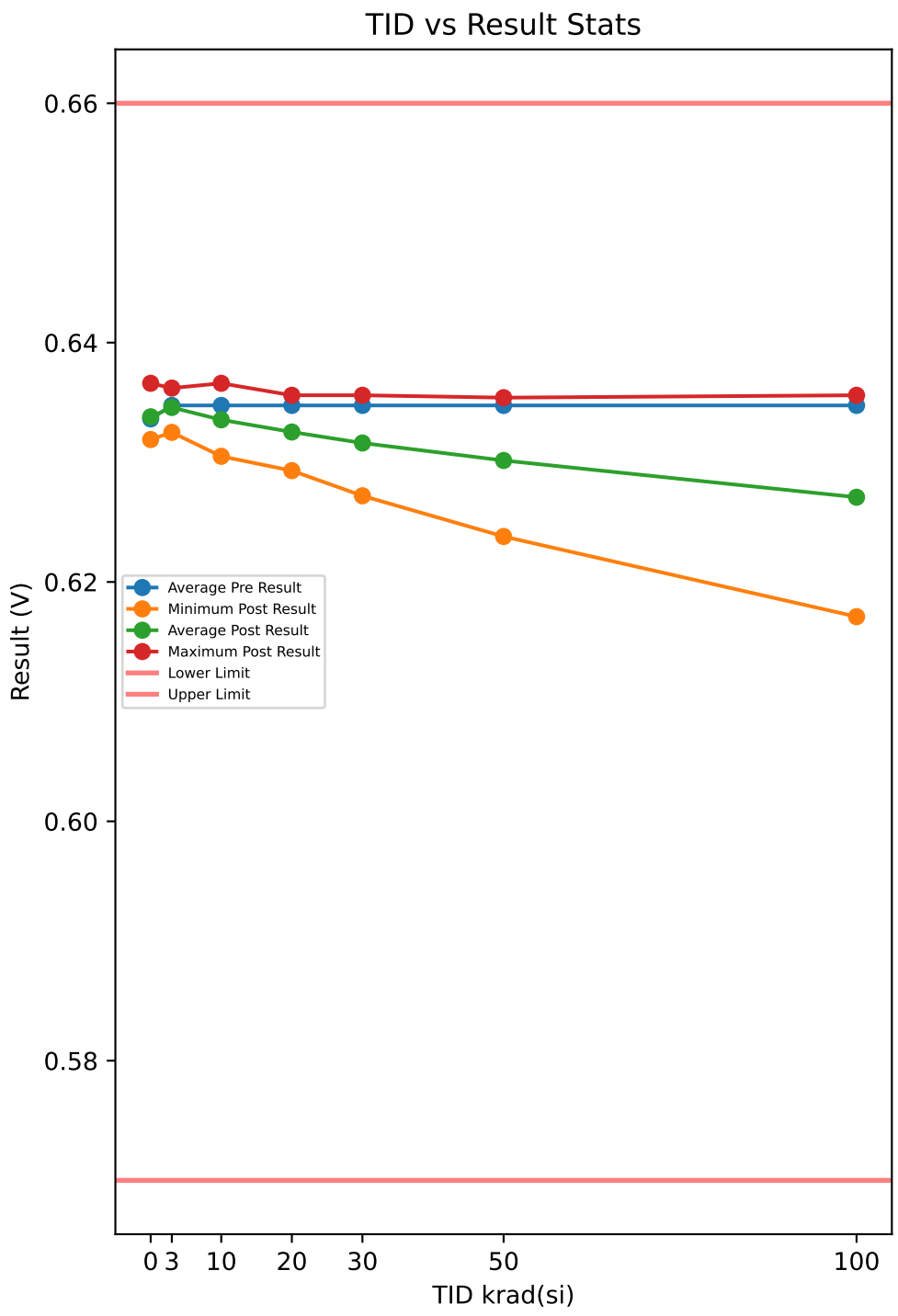
Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

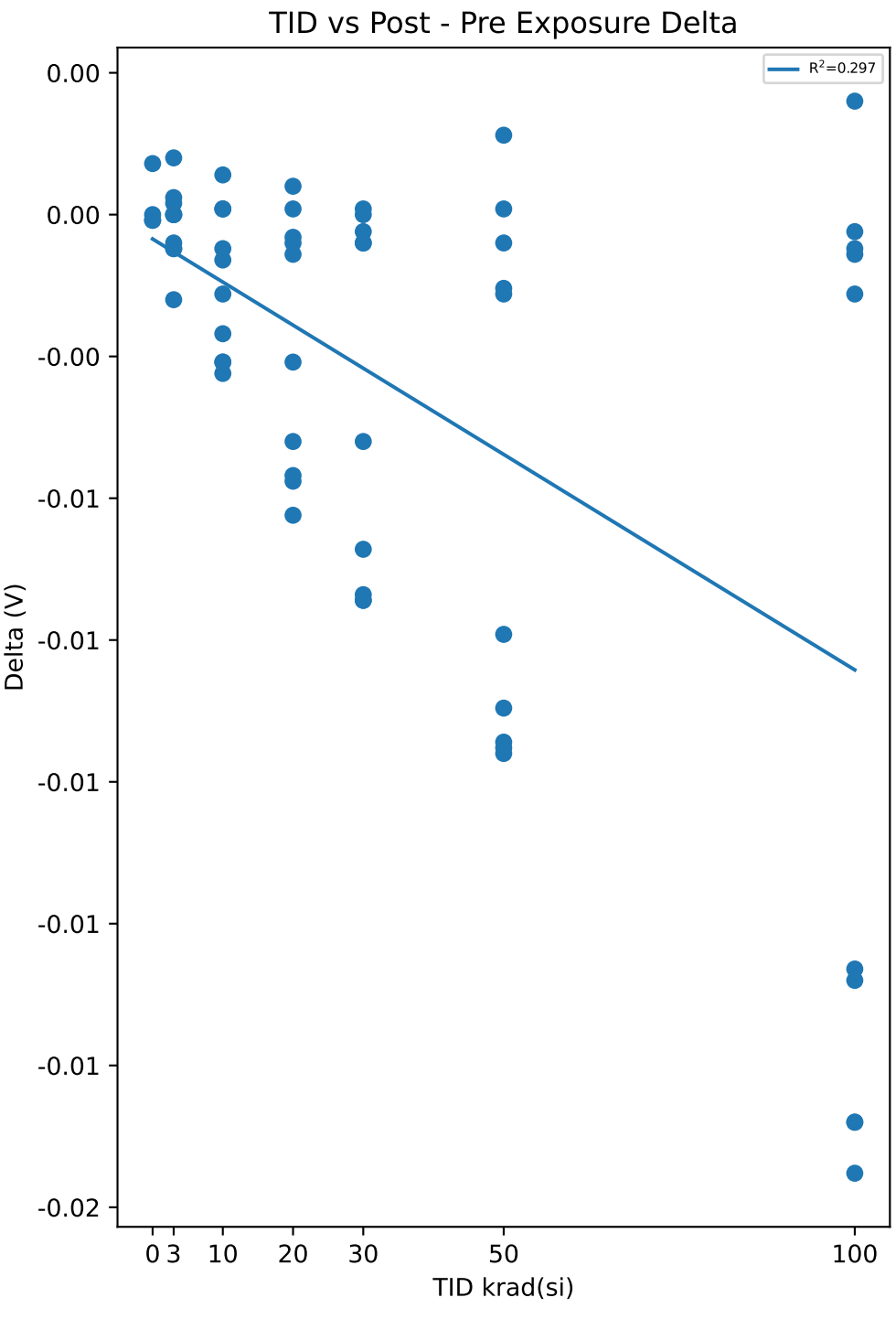
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.5268	0.5268	0
2	3	LDR BIAS	0.5255	0.524	-0.0015
3	3	LDR BIAS	0.5247	0.5248	0.0001
4	3	LDR BIAS	0.5259	0.5261	0.0002
5	3	LDR BIAS	0.5255	0.5255	0
6	3	LDR UNBIAS	0.5254	0.5261	0.0007
7	3	LDR UNBIAS	0.5253	0.5247	-0.0006
8	3	LDR UNBIAS	0.5228	0.5235	0.0007
9	3	LDR UNBIAS	0.5269	0.5269	0
10	3	LDR UNBIAS	0.526	0.5254	-0.0006
11	0	CORRELATION	0.5274	0.5275	0.0001
12	0	CORRELATION	0.5228	0.5226	-0.0002
13	0	CORRELATION	0.5246	0.5242	-0.0004
14	0	CORRELATION	0.5233	0.5235	0.0002
21	10	LDR BIAS	0.5268	0.524	-0.0028
22	10	LDR BIAS	0.5255	0.5234	-0.0021
23	10	LDR BIAS	0.5247	0.522	-0.0027
24	10	LDR BIAS	0.5259	0.5234	-0.0025
25	10	LDR BIAS	0.5255	0.5236	-0.0019
26	10	LDR UNBIAS	0.5254	0.5254	0
27	10	LDR UNBIAS	0.5253	0.5247	-0.0006
28	10	LDR UNBIAS	0.5228	0.5234	0.0006
29	10	LDR UNBIAS	0.5269	0.5276	0.0007
30	10	LDR UNBIAS	0.526	0.5262	0.0002
31	20	LDR BIAS	0.5268	0.5214	-0.0054
32	20	LDR BIAS	0.5255	0.5209	-0.0046
33	20	LDR BIAS	0.5247	0.5201	-0.0046
34	20	LDR BIAS	0.5259	0.5213	-0.0046
35	20	LDR BIAS	0.5255	0.5221	-0.0034
36	20	LDR UNBIAS	0.5254	0.5255	0.0001
37	20	LDR UNBIAS	0.5253	0.5248	-0.0005
38	20	LDR UNBIAS	0.5228	0.5241	0.0013
39	20	LDR UNBIAS	0.5269	0.5261	-0.0008
40	20	LDR UNBIAS	0.526	0.5261	0.0001
41	30	LDR BIAS	0.5268	0.5202	-0.0066
42	30	LDR BIAS	0.5255	0.5182	-0.0073
43	30	LDR BIAS	0.5247	0.5187	-0.006
44	30	LDR BIAS	0.5259	0.5201	-0.0058
45	30	LDR BIAS	0.5255	0.5208	-0.0047
46	30	LDR UNBIAS	0.5254	0.5253	-0.0001
47	30	LDR UNBIAS	0.5253	0.5242	-0.0011
48	30	LDR UNBIAS	0.5228	0.5236	0.0008
49	30	LDR UNBIAS	0.5269	0.526	-0.0009
50	30	LDR UNBIAS	0.526	0.5261	0.0001
51	50	LDR BIAS	0.5268	0.518	-0.0088
52	50	LDR BIAS	0.5255	0.5153	-0.0102
53	50	LDR BIAS	0.5247	0.5156	-0.0091
54	50	LDR BIAS	0.5259	0.5161	-0.0098
55	50	LDR BIAS	0.5255	0.5174	-0.0081
56	50	LDR UNBIAS	0.5254	0.5249	-0.0005
57	50	LDR UNBIAS	0.5253	0.5234	-0.0019
58	50	LDR UNBIAS	0.5228	0.524	0.0012
59	50	LDR UNBIAS	0.5269	0.5261	-0.0008
60	50	LDR UNBIAS	0.526	0.5263	0.0003
61	100	LDR BIAS	0.5268	0.5126	-0.0142
62	100	LDR BIAS	0.5255	0.508	-0.0175
63	100	LDR BIAS	0.5247	0.5085	-0.0162
64	100	LDR BIAS	0.5259	0.51	-0.0159
65	100	LDR BIAS	0.5255	0.5121	-0.0134
66	100	LDR UNBIAS	0.5254	0.5248	-0.0006
67	100	LDR UNBIAS	0.5253	0.5248	-0.0005
68	100	LDR UNBIAS	0.5228	0.5255	0.0027
69	100	LDR UNBIAS	0.5269	0.5262	-0.0007
70	100	LDR UNBIAS	0.526	0.5248	-0.0012

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	0.5228	0.52453	0.5274	0.0020614	0.5226	0.52445	0.5275	0.0021362	-0.0004	-7.5e-05	0.0002	0.00027538
3	0.5228	0.52548	0.5269	0.0011564	0.5235	0.52538	0.5269	0.0011361	-0.0015	-0.0001	0.0007	0.00065828
10	0.5228	0.52548	0.5269	0.0011564	0.522	0.52437	0.5276	0.0016371	-0.0028	-0.00111	0.0007	0.0014271
20	0.5228	0.52548	0.5269	0.0011564	0.5201	0.52324	0.5261	0.0023196	-0.0054	-0.00224	0.0013	0.0025083
30	0.5228	0.52548	0.5269	0.0011564	0.5182	0.52232	0.5261	0.0030495	-0.0073	-0.00316	0.0008	0.0031868
50	0.5228	0.52548	0.5269	0.0011564	0.5153	0.52071	0.5263	0.0046049	-0.0102	-0.00477	0.0012	0.0047661
100	0.5228	0.52548	0.5269	0.0011564	0.508	0.51773	0.5262	0.0080257	-0.0175	-0.00775	0.0027	0.0082456

Device Test: 16.7 LEVEL|EN_RISE/EN/12/12/0/0/5/500kHz//@V_EN_RISE





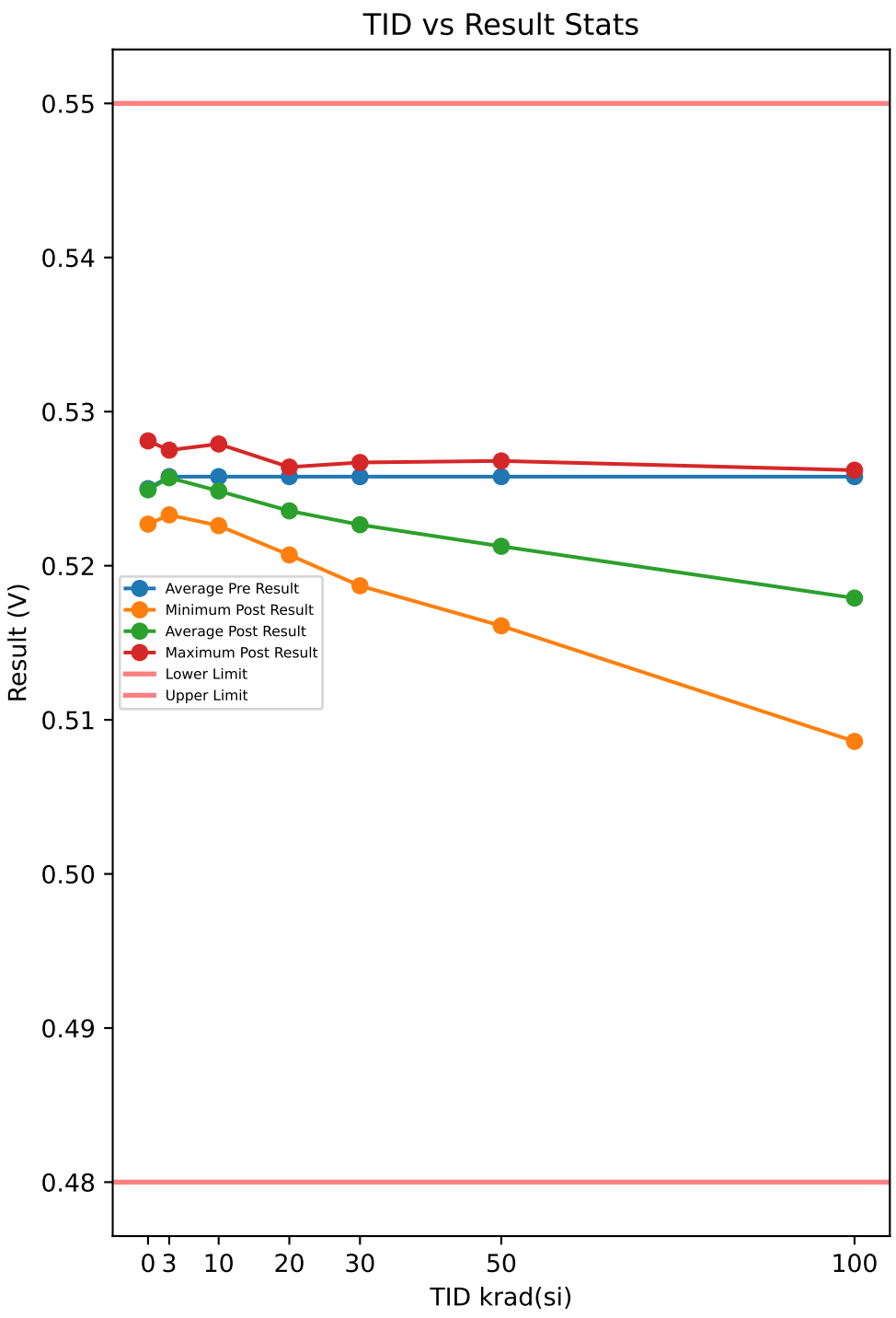
Test Results (Lower Limit = 0.57, Upper Limit = 0.66 (V))

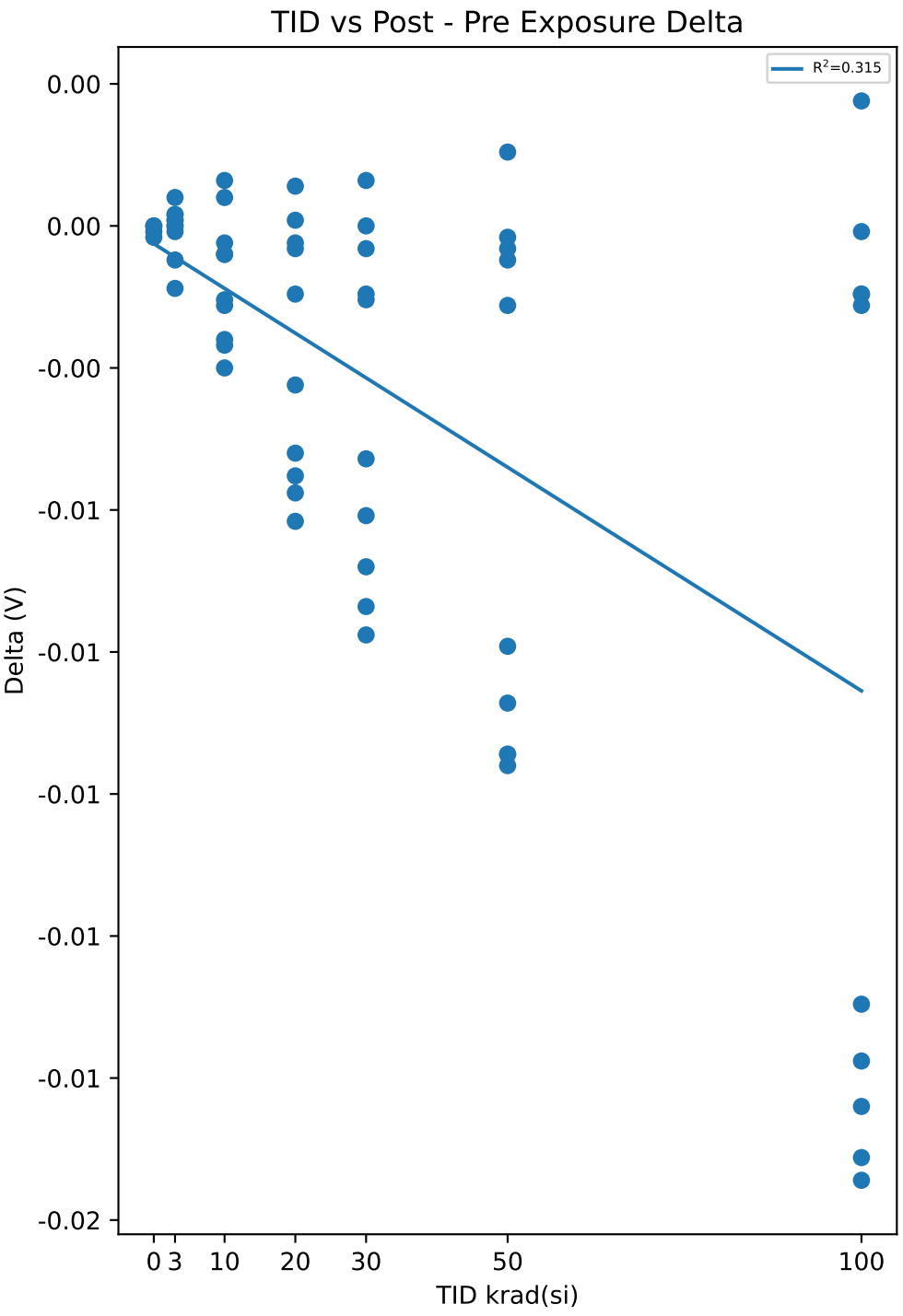
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.6359	0.6362	0.0003
2	3	LDR BIAS	0.634	0.6325	-0.0015
3	3	LDR BIAS	0.6333	0.6335	0.0002
4	3	LDR BIAS	0.6352	0.6347	-0.0005
5	3	LDR BIAS	0.6346	0.6356	0.001
6	3	LDR UNBIAS	0.636	0.636	0
7	3	LDR UNBIAS	0.6347	0.6341	-0.0006
8	3	LDR UNBIAS	0.6326	0.6326	0
9	3	LDR UNBIAS	0.6359	0.6359	0
10	3	LDR UNBIAS	0.6353	0.6347	-0.0006
11	0	CORRELATION	0.6367	0.6366	-0.0001
12	0	CORRELATION	0.632	0.6319	-0.0001
13	0	CORRELATION	0.6333	0.6342	0.0009
14	0	CORRELATION	0.6325	0.6325	0
21	10	LDR BIAS	0.6359	0.6333	-0.0026
22	10	LDR BIAS	0.634	0.6319	-0.0021
23	10	LDR BIAS	0.6333	0.6305	-0.0028
24	10	LDR BIAS	0.6352	0.6326	-0.0026
25	10	LDR BIAS	0.6346	0.6332	-0.0014
26	10	LDR UNBIAS	0.636	0.6354	-0.0006
27	10	LDR UNBIAS	0.6347	0.6339	-0.0008
28	10	LDR UNBIAS	0.6326	0.6327	0.0001
29	10	LDR UNBIAS	0.6359	0.6366	0.0007
30	10	LDR UNBIAS	0.6353	0.6354	0.0001
31	20	LDR BIAS	0.6359	0.6306	-0.0053
32	20	LDR BIAS	0.634	0.6293	-0.0047
33	20	LDR BIAS	0.6333	0.6293	-0.004
34	20	LDR BIAS	0.6352	0.6306	-0.0046
35	20	LDR BIAS	0.6346	0.632	-0.0026
36	20	LDR UNBIAS	0.636	0.6356	-0.0004
37	20	LDR UNBIAS	0.6347	0.634	-0.0007
38	20	LDR UNBIAS	0.6326	0.6331	0.0005
39	20	LDR UNBIAS	0.6359	0.6354	-0.0005
40	20	LDR UNBIAS	0.6353	0.6354	0.0001
41	30	LDR BIAS	0.6359	0.6291	-0.0068
42	30	LDR BIAS	0.634	0.6272	-0.0068
43	30	LDR BIAS	0.6333	0.6274	-0.0059
44	30	LDR BIAS	0.6352	0.6285	-0.0067
45	30	LDR BIAS	0.6346	0.6306	-0.004
46	30	LDR UNBIAS	0.636	0.6355	-0.0005
47	30	LDR UNBIAS	0.6347	0.6342	-0.0005
48	30	LDR UNBIAS	0.6326	0.6326	0
49	30	LDR UNBIAS	0.6359	0.6356	-0.0003
50	30	LDR UNBIAS	0.6353	0.6354	0.0001
51	50	LDR BIAS	0.6359	0.6272	-0.0087
52	50	LDR BIAS	0.634	0.6246	-0.0094
53	50	LDR BIAS	0.6333	0.6238	-0.0095
54	50	LDR BIAS	0.6352	0.6259	-0.0093
55	50	LDR BIAS	0.6346	0.6272	-0.0074
56	50	LDR UNBIAS	0.636	0.6347	-0.0013
57	50	LDR UNBIAS	0.6347	0.6333	-0.0014
58	50	LDR UNBIAS	0.6326	0.634	0.0014
59	50	LDR UNBIAS	0.6359	0.6354	-0.0005
60	50	LDR UNBIAS	0.6353	0.6354	0.0001
61	100	LDR BIAS	0.6359	0.6224	-0.0135
62	100	LDR BIAS	0.634	0.6171	-0.0169
63	100	LDR BIAS	0.6333	0.6173	-0.016
64	100	LDR BIAS	0.6352	0.6192	-0.016
65	100	LDR BIAS	0.6346	0.6213	-0.0133
66	100	LDR UNBIAS	0.636	0.6346	-0.0014
67	100	LDR UNBIAS	0.6347	0.6341	-0.0006
68	100	LDR UNBIAS	0.6326	0.6346	0.002
69	100	LDR UNBIAS	0.6359	0.6356	-0.0003
70	100	LDR UNBIAS	0.6353	0.6346	-0.0007

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	0.632	0.63362	0.6367	0.0021188	0.6319	0.6338	0.6366	0.0021055	-0.0001	0.000175	0.0009	0.00048563
3	0.6326	0.63475	0.636	0.0011559	0.6325	0.63458	0.6362	0.0013782	-0.0015	-0.00017	0.001	0.00067173
10	0.6326	0.63475	0.636	0.0011559	0.6305	0.63355	0.6366	0.0018289	-0.0028	-0.0012	0.0007	0.0012841
20	0.6326	0.63475	0.636	0.0011559	0.6293	0.63253	0.6356	0.0025162	-0.0053	-0.00222	0.0005	0.0022602
30	0.6326	0.63475	0.636	0.0011559	0.6272	0.63161	0.6356	0.0034524	-0.0068	-0.00314	0.0001	0.0031655
50	0.6326	0.63475	0.636	0.0011559	0.6238	0.63015	0.6354	0.0047977	-0.0095	-0.0046	0.0014	0.0045925
100	0.6326	0.63475	0.636	0.0011559	0.6171	0.62708	0.6356	0.0081933	-0.0169	-0.00767	0.002	0.0079956

Device Test: 16.8 LEVEL|EN_FALL/EN/12/12/0/0/5/500kHz//@V_EN_FALL





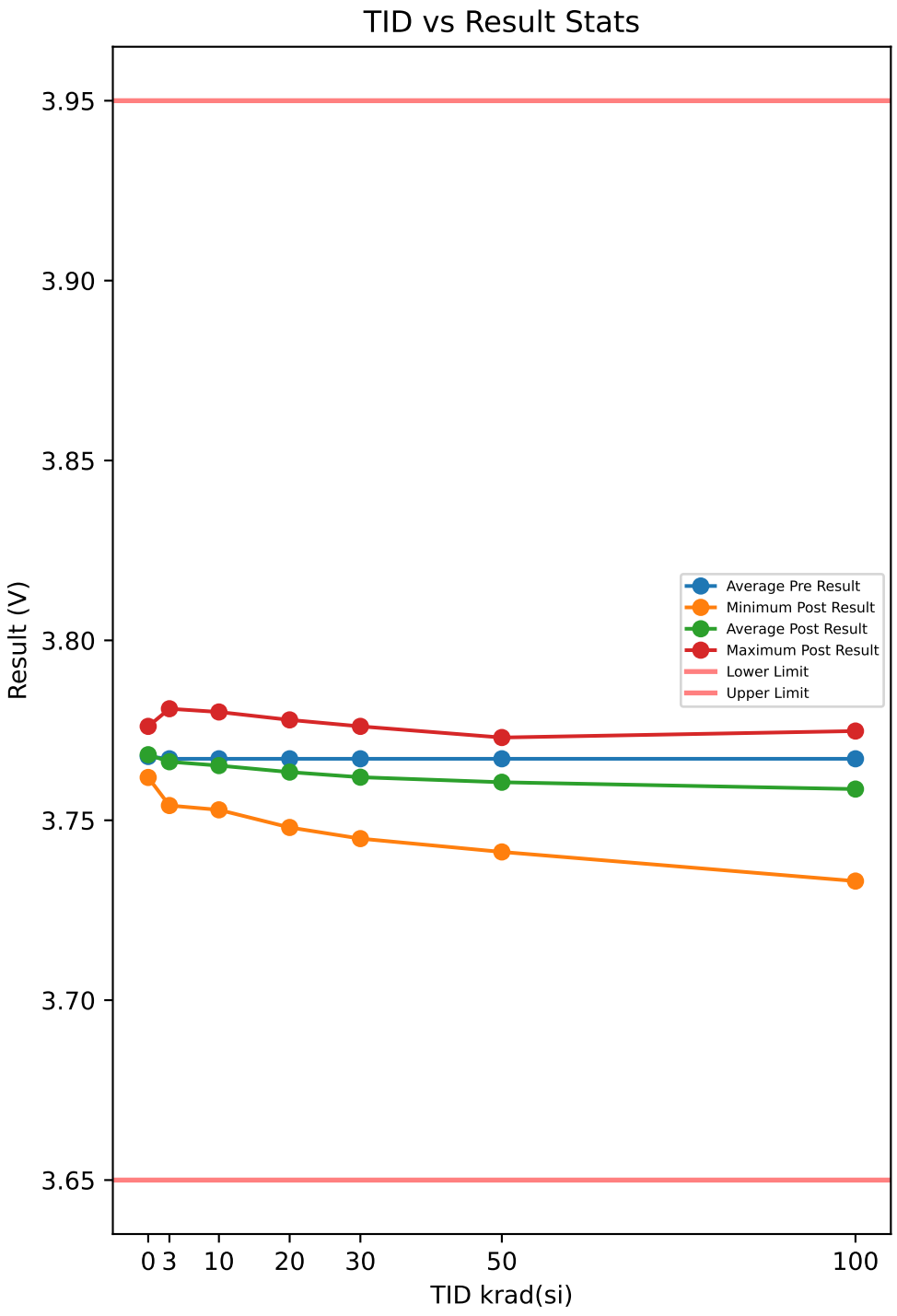
Test Results (Lower Limit = 0.48, Upper Limit = 0.55 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.5274	0.5274	0
2	3	LDR BIAS	0.5254	0.5243	-0.0011
3	3	LDR BIAS	0.5247	0.5249	0.0002
4	3	LDR BIAS	0.5261	0.526	-0.0001
5	3	LDR BIAS	0.5255	0.526	0.0005
6	3	LDR UNBIAS	0.5259	0.526	0.0001
7	3	LDR UNBIAS	0.5254	0.5256	0.0002
8	3	LDR UNBIAS	0.5233	0.5233	0
9	3	LDR UNBIAS	0.5274	0.5275	0.0001
10	3	LDR UNBIAS	0.5267	0.5261	-0.0006
11	0	CORRELATION	0.5282	0.5281	-0.0001
12	0	CORRELATION	0.5229	0.5227	-0.0002
13	0	CORRELATION	0.5248	0.5248	0
14	0	CORRELATION	0.5241	0.5241	0
21	10	LDR BIAS	0.5274	0.5249	-0.0025
22	10	LDR BIAS	0.5254	0.5241	-0.0013
23	10	LDR BIAS	0.5247	0.5226	-0.0021
24	10	LDR BIAS	0.5261	0.5241	-0.002
25	10	LDR BIAS	0.5255	0.5241	-0.0014
26	10	LDR UNBIAS	0.5259	0.5256	-0.0003
27	10	LDR UNBIAS	0.5254	0.5249	-0.0005
28	10	LDR UNBIAS	0.5233	0.5241	0.0008
29	10	LDR UNBIAS	0.5274	0.5279	0.0005
30	10	LDR UNBIAS	0.5267	0.5262	-0.0005
31	20	LDR BIAS	0.5274	0.5222	-0.0052
32	20	LDR BIAS	0.5254	0.521	-0.0044
33	20	LDR BIAS	0.5247	0.5207	-0.004
34	20	LDR BIAS	0.5261	0.5214	-0.0047
35	20	LDR BIAS	0.5255	0.5227	-0.0028
36	20	LDR UNBIAS	0.5259	0.526	0.0001
37	20	LDR UNBIAS	0.5254	0.525	-0.0004
38	20	LDR UNBIAS	0.5233	0.524	0.0007
39	20	LDR UNBIAS	0.5274	0.5262	-0.0012
40	20	LDR UNBIAS	0.5267	0.5264	-0.0003
41	30	LDR BIAS	0.5274	0.5202	-0.0072
42	30	LDR BIAS	0.5254	0.5187	-0.0067
43	30	LDR BIAS	0.5247	0.5196	-0.0051
44	30	LDR BIAS	0.5261	0.5201	-0.006
45	30	LDR BIAS	0.5255	0.5214	-0.0041
46	30	LDR UNBIAS	0.5259	0.5255	-0.0004
47	30	LDR UNBIAS	0.5254	0.5242	-0.0012
48	30	LDR UNBIAS	0.5233	0.5241	0.0008
49	30	LDR UNBIAS	0.5274	0.5261	-0.0013
50	30	LDR UNBIAS	0.5267	0.5267	0
51	50	LDR BIAS	0.5274	0.5181	-0.0093
52	50	LDR BIAS	0.5254	0.5161	-0.0093
53	50	LDR BIAS	0.5247	0.5163	-0.0084
54	50	LDR BIAS	0.5261	0.5166	-0.0095
55	50	LDR BIAS	0.5255	0.5181	-0.0074
56	50	LDR UNBIAS	0.5259	0.5255	-0.0004
57	50	LDR UNBIAS	0.5254	0.524	-0.0014
58	50	LDR UNBIAS	0.5233	0.5246	0.0013
59	50	LDR UNBIAS	0.5274	0.5268	-0.0006
60	50	LDR UNBIAS	0.5267	0.5265	-0.0002
61	100	LDR BIAS	0.5274	0.5127	-0.0147
62	100	LDR BIAS	0.5254	0.5086	-0.0168
63	100	LDR BIAS	0.5247	0.5092	-0.0155
64	100	LDR BIAS	0.5261	0.5097	-0.0164
65	100	LDR BIAS	0.5255	0.5118	-0.0137
66	100	LDR UNBIAS	0.5259	0.5247	-0.0012
67	100	LDR UNBIAS	0.5254	0.5253	-0.0001
68	100	LDR UNBIAS	0.5233	0.5255	0.0022
69	100	LDR UNBIAS	0.5274	0.5262	-0.0012
70	100	LDR UNBIAS	0.5267	0.5253	-0.0014

Test Statistics (V)

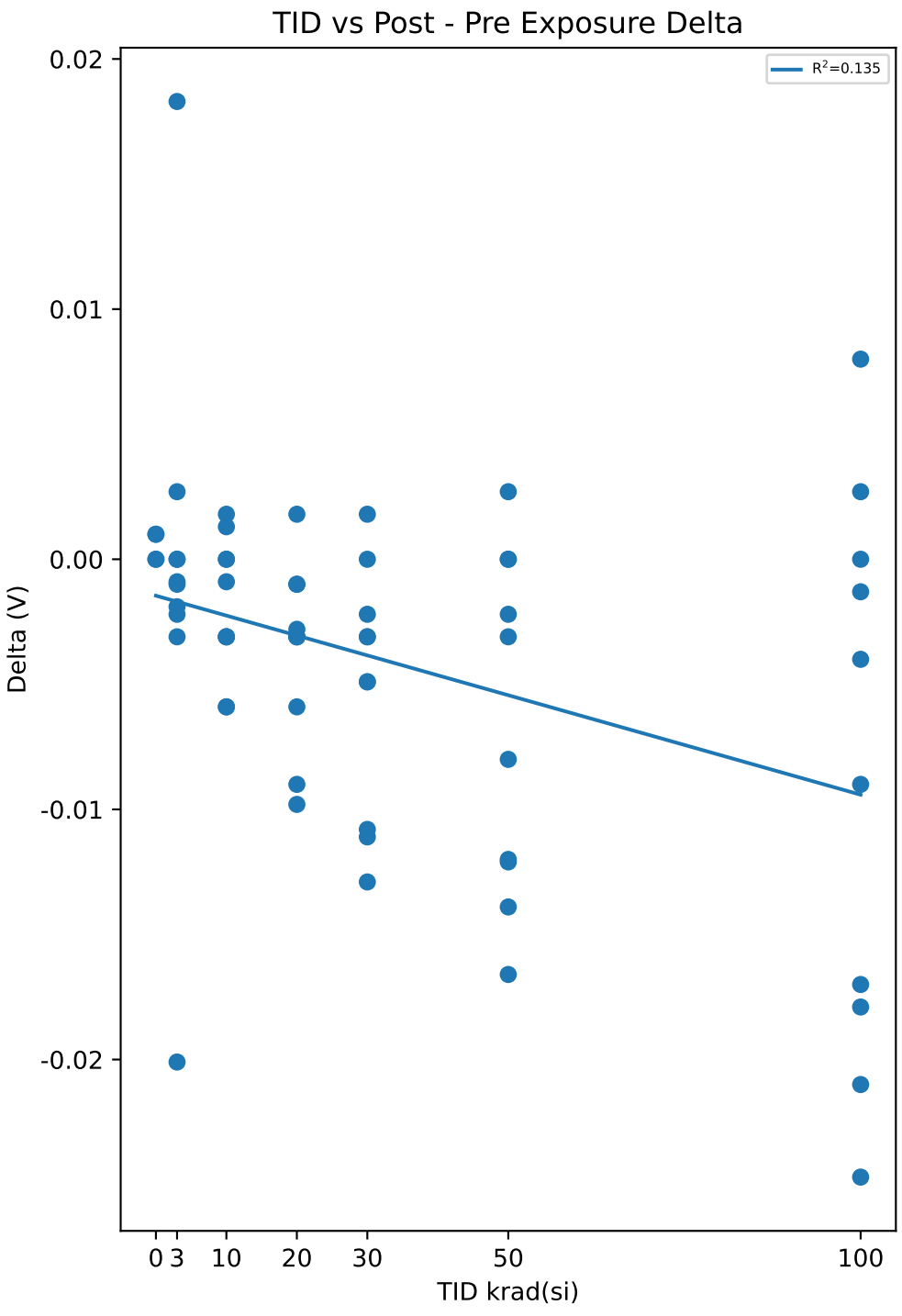
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5229	0.525	0.5282	0.002273	0.5227	0.52493	0.5281	0.0022897	-0.0002	-7.5e-05	0	9.5743e-05
3	0.5233	0.52578	0.5274	0.0012426	0.5233	0.52571	0.5275	0.0012879	-0.0011	-7e-05	0.0005	0.00045717
10	0.5233	0.52578	0.5274	0.0012426	0.5226	0.52485	0.5279	0.0014532	-0.0025	-0.00093	0.0008	0.0011126
20	0.5233	0.52578	0.5274	0.0012426	0.5207	0.52356	0.5264	0.0022421	-0.0052	-0.00222	0.0007	0.0022419
30	0.5233	0.52578	0.5274	0.0012426	0.5187	0.52266	0.5267	0.0029796	-0.0072	-0.00312	0.0008	0.003021
50	0.5233	0.52578	0.5274	0.0012426	0.5161	0.52126	0.5268	0.0045668	-0.0095	-0.00452	0.0013	0.004576
100	0.5233	0.52578	0.5274	0.0012426	0.5086	0.5179	0.5262	0.0080006	-0.0168	-0.00788	0.0022	0.0080552

Device Test: 17.1 UVLO|PVIN_RISE/PVIN/4.5/4.5/0/1000/4.5/100kHz//@PVIN_UVLO_RISE



Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

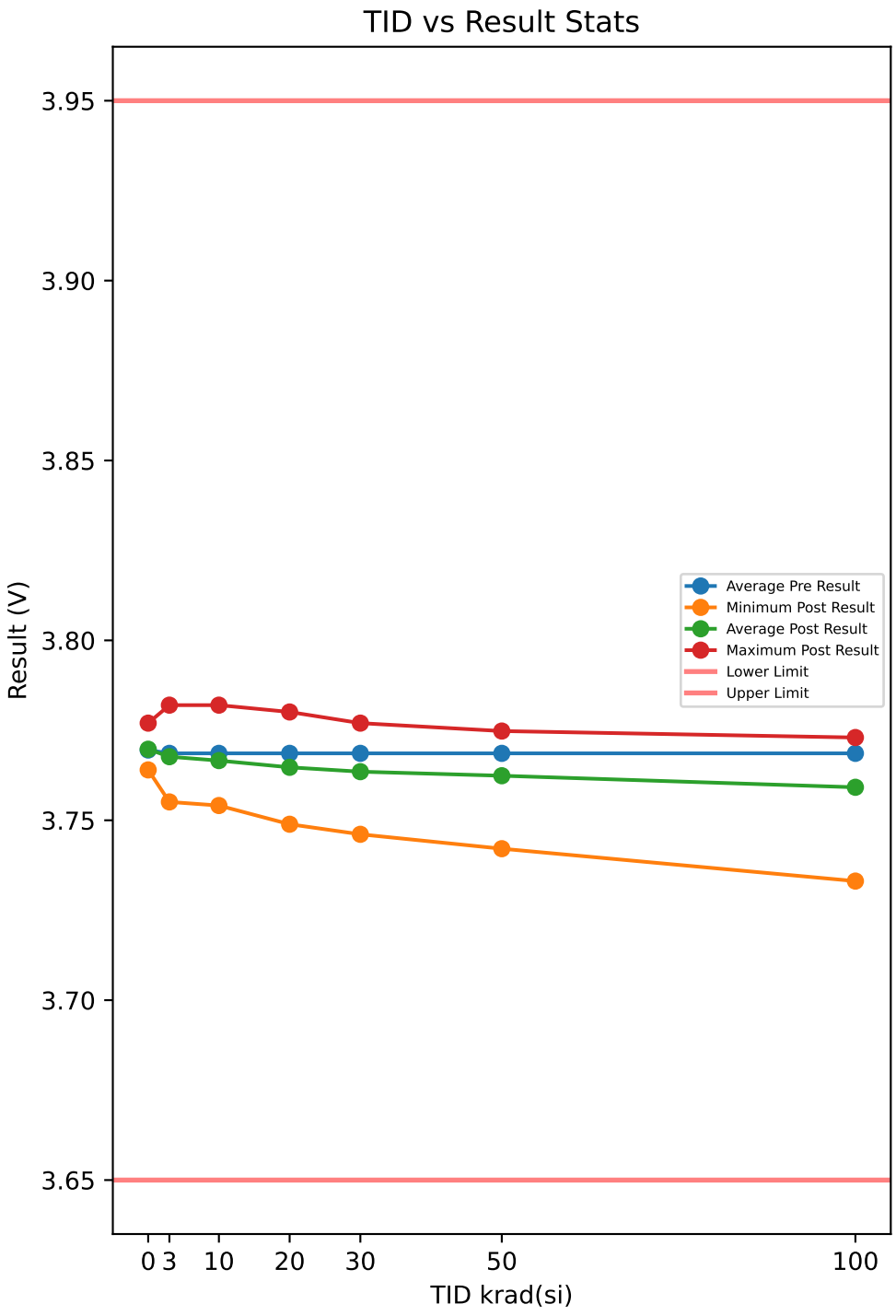
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7569	3.7569	0
2	3	LDR BIAS	3.777	3.7569	-0.0201
3	3	LDR BIAS	3.7578	3.7761	0.0183
4	3	LDR BIAS	3.7699	3.769	-0.0009
5	3	LDR BIAS	3.781	3.781	0
6	3	LDR UNBIAS	3.7721	3.7711	-0.001
7	3	LDR UNBIAS	3.769	3.7659	-0.0031
8	3	LDR UNBIAS	3.756	3.7541	-0.0019
9	3	LDR UNBIAS	3.7551	3.7578	0.0027
10	3	LDR UNBIAS	3.7761	3.7739	-0.0022
11	0	CORRELATION	3.7609	3.7619	0.001
12	0	CORRELATION	3.7699	3.7699	0
13	0	CORRELATION	3.7761	3.7761	0
14	0	CORRELATION	3.764	3.765	0.001
21	10	LDR BIAS	3.7569	3.7569	0
22	10	LDR BIAS	3.777	3.7711	-0.0059
23	10	LDR BIAS	3.7578	3.7591	0.0013
24	10	LDR BIAS	3.7699	3.764	-0.0059
25	10	LDR BIAS	3.781	3.7801	-0.0009
26	10	LDR UNBIAS	3.7721	3.7739	0.0018
27	10	LDR UNBIAS	3.769	3.7659	-0.0031
28	10	LDR UNBIAS	3.756	3.7529	-0.0031
29	10	LDR UNBIAS	3.7551	3.7551	0
30	10	LDR UNBIAS	3.7761	3.773	-0.0031
31	20	LDR BIAS	3.7569	3.7541	-0.0028
32	20	LDR BIAS	3.777	3.7711	-0.0059
33	20	LDR BIAS	3.7578	3.748	-0.0098
34	20	LDR BIAS	3.7699	3.7609	-0.009
35	20	LDR BIAS	3.781	3.7779	-0.0031
36	20	LDR UNBIAS	3.7721	3.7711	-0.001
37	20	LDR UNBIAS	3.769	3.768	-0.001
38	20	LDR UNBIAS	3.756	3.7529	-0.0031
39	20	LDR UNBIAS	3.7551	3.7569	0.0018
40	20	LDR UNBIAS	3.7761	3.773	-0.0031
41	30	LDR BIAS	3.7569	3.752	-0.0049
42	30	LDR BIAS	3.777	3.7659	-0.0111
43	30	LDR BIAS	3.7578	3.7449	-0.0129
44	30	LDR BIAS	3.7699	3.7591	-0.0108
45	30	LDR BIAS	3.781	3.7761	-0.0049
46	30	LDR UNBIAS	3.7721	3.7699	-0.0022
47	30	LDR UNBIAS	3.769	3.769	0
48	30	LDR UNBIAS	3.756	3.7529	-0.0031
49	30	LDR UNBIAS	3.7551	3.7569	0.0018
50	30	LDR UNBIAS	3.7761	3.773	-0.0031
51	50	LDR BIAS	3.7569	3.7489	-0.008
52	50	LDR BIAS	3.777	3.7631	-0.0139
53	50	LDR BIAS	3.7578	3.7412	-0.0166
54	50	LDR BIAS	3.7699	3.7578	-0.0121
55	50	LDR BIAS	3.781	3.769	-0.012
56	50	LDR UNBIAS	3.7721	3.7699	-0.0022
57	50	LDR UNBIAS	3.769	3.769	0
58	50	LDR UNBIAS	3.756	3.756	0
59	50	LDR UNBIAS	3.7551	3.7578	0.0027
60	50	LDR UNBIAS	3.7761	3.773	-0.0031
61	100	LDR BIAS	3.7569	3.7399	-0.017
62	100	LDR BIAS	3.777	3.756	-0.021
63	100	LDR BIAS	3.7578	3.7331	-0.0247
64	100	LDR BIAS	3.7699	3.7609	-0.009
65	100	LDR BIAS	3.781	3.7631	-0.0179
66	100	LDR UNBIAS	3.7721	3.7748	0.0027
67	100	LDR UNBIAS	3.769	3.765	-0.004
68	100	LDR UNBIAS	3.756	3.756	0
69	100	LDR UNBIAS	3.7551	3.7631	0.008
70	100	LDR UNBIAS	3.7761	3.7748	-0.0013



Test Statistics (V)

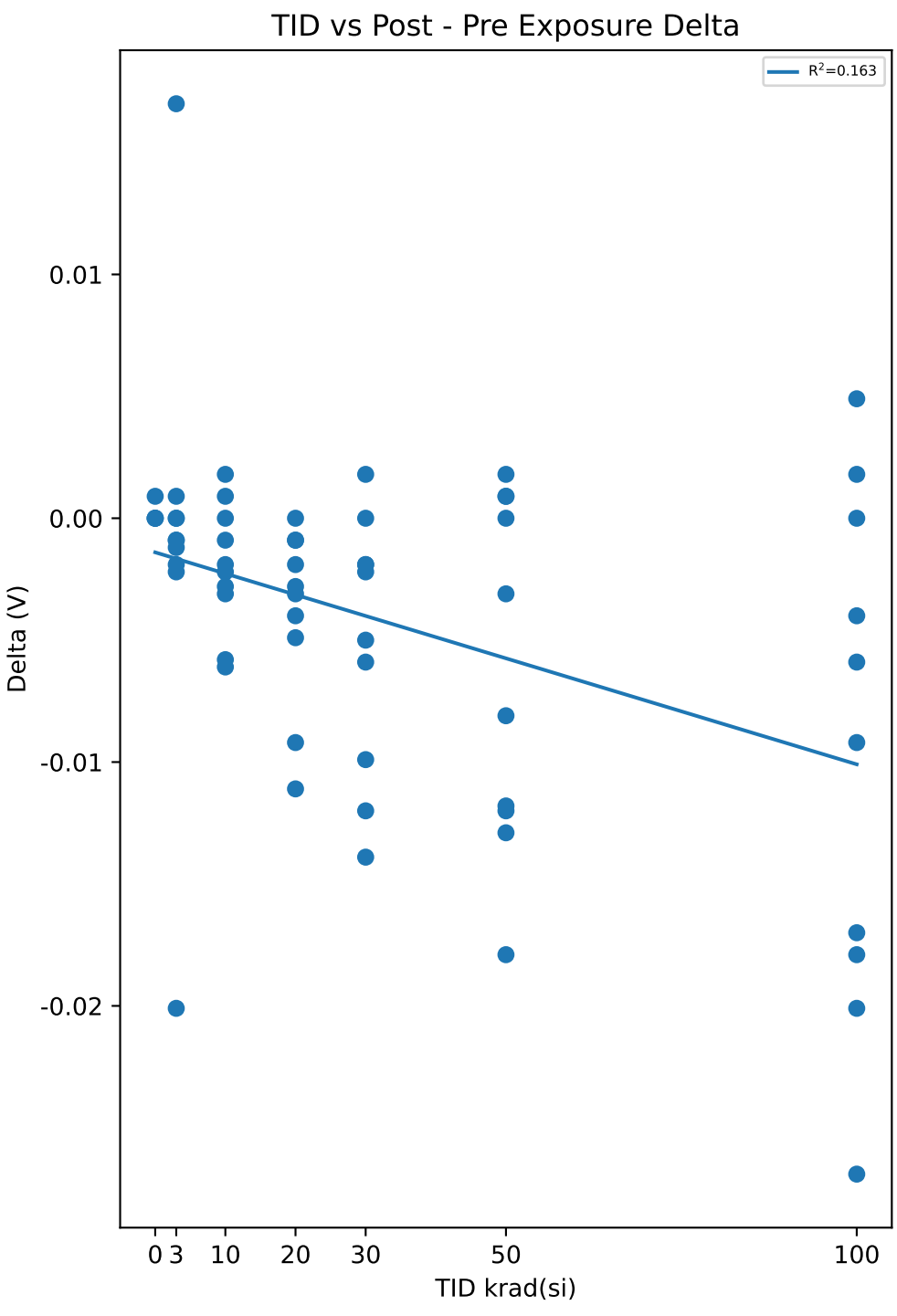
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7609	3.7677	3.7761	0.0067163	3.7619	3.7682	3.7761	0.0061975	0	0.0005	0.001	0.00057735
3	3.7551	3.7671	3.781	0.0098116	3.7541	3.7663	3.781	0.0094174	-0.0201	-0.00082	0.0183	0.0091854
10	3.7551	3.7671	3.781	0.0098116	3.7529	3.7652	3.7801	0.0091571	-0.0059	-0.00189	0.0018	0.0027582
20	3.7551	3.7671	3.781	0.0098116	3.748	3.7634	3.7779	0.010135	-0.0098	-0.0037	0.0018	0.0036034
30	3.7551	3.7671	3.781	0.0098116	3.7449	3.762	3.7761	0.010307	-0.0129	-0.00512	0.0018	0.0049378
50	3.7551	3.7671	3.781	0.0098116	3.7412	3.7606	3.773	0.010207	-0.0166	-0.00652	0.0027	0.0068298
100	3.7551	3.7671	3.781	0.0098116	3.7331	3.7587	3.7748	0.013437	-0.0247	-0.00842	0.008	0.011163

Device Test: 17.10 UVLO|PVIN_RISE/PVIN/4.5/4.5/0/1000/4.5/500kHz//@PVIN_UVLO_RISE



Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

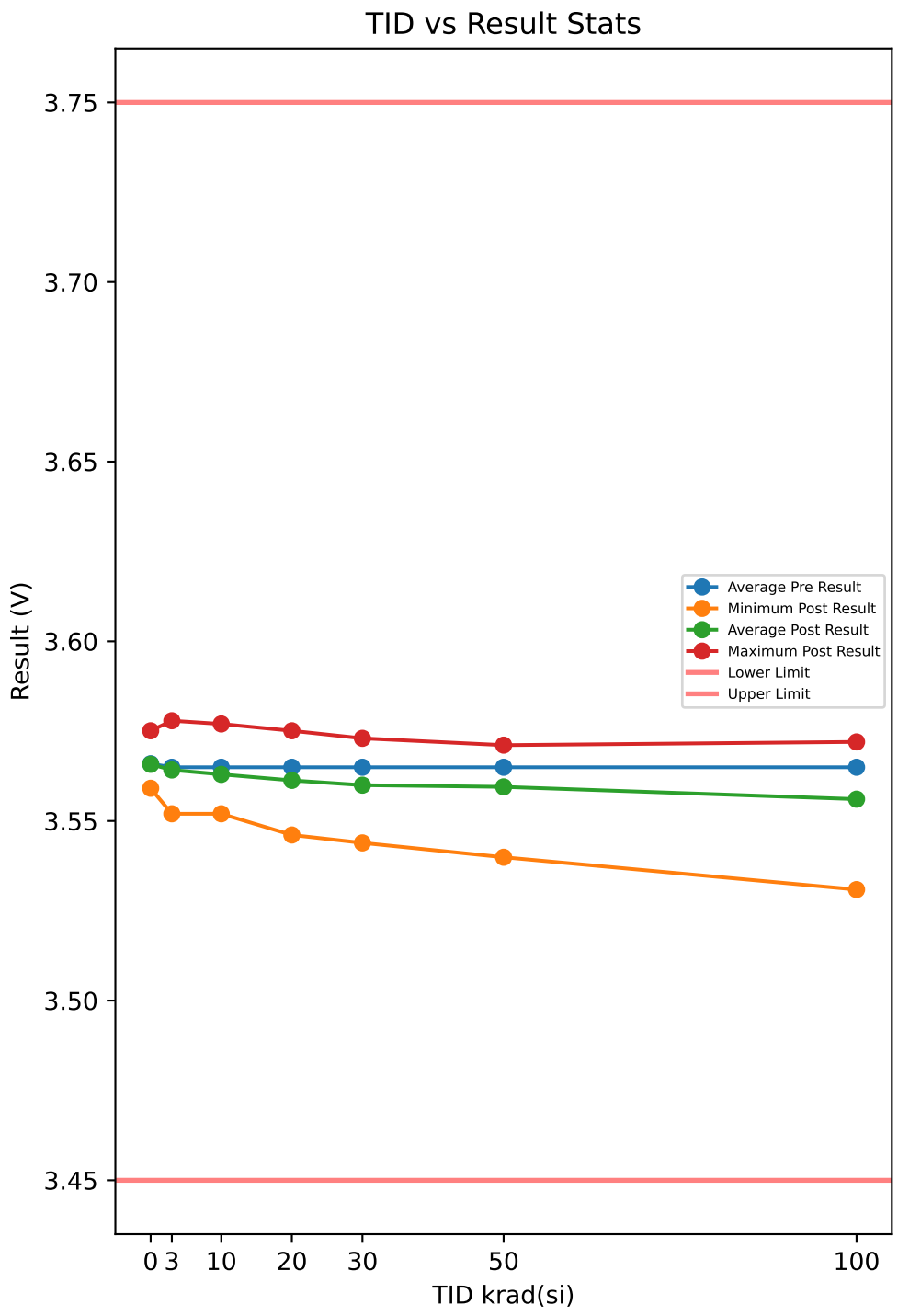
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7591	3.7591	0
2	3	LDR BIAS	3.7779	3.7578	-0.0201
3	3	LDR BIAS	3.76	3.777	0.017
4	3	LDR BIAS	3.7711	3.7699	-0.0012
5	3	LDR BIAS	3.7829	3.782	-0.0009
6	3	LDR UNBIAS	3.773	3.7711	-0.0019
7	3	LDR UNBIAS	3.7699	3.7699	0
8	3	LDR UNBIAS	3.756	3.7551	-0.0009
9	3	LDR UNBIAS	3.7591	3.76	0.0009
10	3	LDR UNBIAS	3.777	3.7748	-0.0022
11	0	CORRELATION	3.764	3.764	0
12	0	CORRELATION	3.7721	3.7721	0
13	0	CORRELATION	3.7761	3.777	0.0009
14	0	CORRELATION	3.7659	3.7659	0
21	10	LDR BIAS	3.7591	3.7591	0
22	10	LDR BIAS	3.7779	3.7721	-0.0058
23	10	LDR BIAS	3.76	3.7609	0.0009
24	10	LDR BIAS	3.7711	3.765	-0.0061
25	10	LDR BIAS	3.7829	3.782	-0.0009
26	10	LDR UNBIAS	3.773	3.7748	0.0018
27	10	LDR UNBIAS	3.7699	3.7671	-0.0028
28	10	LDR UNBIAS	3.756	3.7541	-0.0019
29	10	LDR UNBIAS	3.7591	3.7569	-0.0022
30	10	LDR UNBIAS	3.777	3.7739	-0.0031
31	20	LDR BIAS	3.7591	3.7551	-0.004
32	20	LDR BIAS	3.7779	3.773	-0.0049
33	20	LDR BIAS	3.76	3.7489	-0.0111
34	20	LDR BIAS	3.7711	3.7619	-0.0092
35	20	LDR BIAS	3.7829	3.7801	-0.0028
36	20	LDR UNBIAS	3.773	3.7721	-0.0009
37	20	LDR UNBIAS	3.7699	3.769	-0.0009
38	20	LDR UNBIAS	3.756	3.7541	-0.0019
39	20	LDR UNBIAS	3.7591	3.7591	0
40	20	LDR UNBIAS	3.777	3.7739	-0.0031
41	30	LDR BIAS	3.7591	3.7541	-0.005
42	30	LDR BIAS	3.7779	3.768	-0.0099
43	30	LDR BIAS	3.76	3.7461	-0.0139
44	30	LDR BIAS	3.7711	3.7591	-0.012
45	30	LDR BIAS	3.7829	3.777	-0.0059
46	30	LDR UNBIAS	3.773	3.7711	-0.0019
47	30	LDR UNBIAS	3.7699	3.7699	0
48	30	LDR UNBIAS	3.756	3.7541	-0.0019
49	30	LDR UNBIAS	3.7591	3.7609	0.0018
50	30	LDR UNBIAS	3.777	3.7748	-0.0022
51	50	LDR BIAS	3.7591	3.751	-0.0081
52	50	LDR BIAS	3.7779	3.765	-0.0129
53	50	LDR BIAS	3.76	3.7421	-0.0179
54	50	LDR BIAS	3.7711	3.7591	-0.012
55	50	LDR BIAS	3.7829	3.7711	-0.0118
56	50	LDR UNBIAS	3.773	3.7748	0.0018
57	50	LDR UNBIAS	3.7699	3.7699	0
58	50	LDR UNBIAS	3.756	3.7569	0.0009
59	50	LDR UNBIAS	3.7591	3.76	0.0009
60	50	LDR UNBIAS	3.777	3.7739	-0.0031
61	100	LDR BIAS	3.7591	3.7421	-0.017
62	100	LDR BIAS	3.7779	3.7578	-0.0201
63	100	LDR BIAS	3.76	3.7331	-0.0269
64	100	LDR BIAS	3.7711	3.7619	-0.0092
65	100	LDR BIAS	3.7829	3.765	-0.0179
66	100	LDR UNBIAS	3.773	3.773	0
67	100	LDR UNBIAS	3.7699	3.764	-0.0059
68	100	LDR UNBIAS	3.756	3.7578	0.0018
69	100	LDR UNBIAS	3.7591	3.764	0.0049
70	100	LDR UNBIAS	3.777	3.773	-0.004



Test Statistics (V)

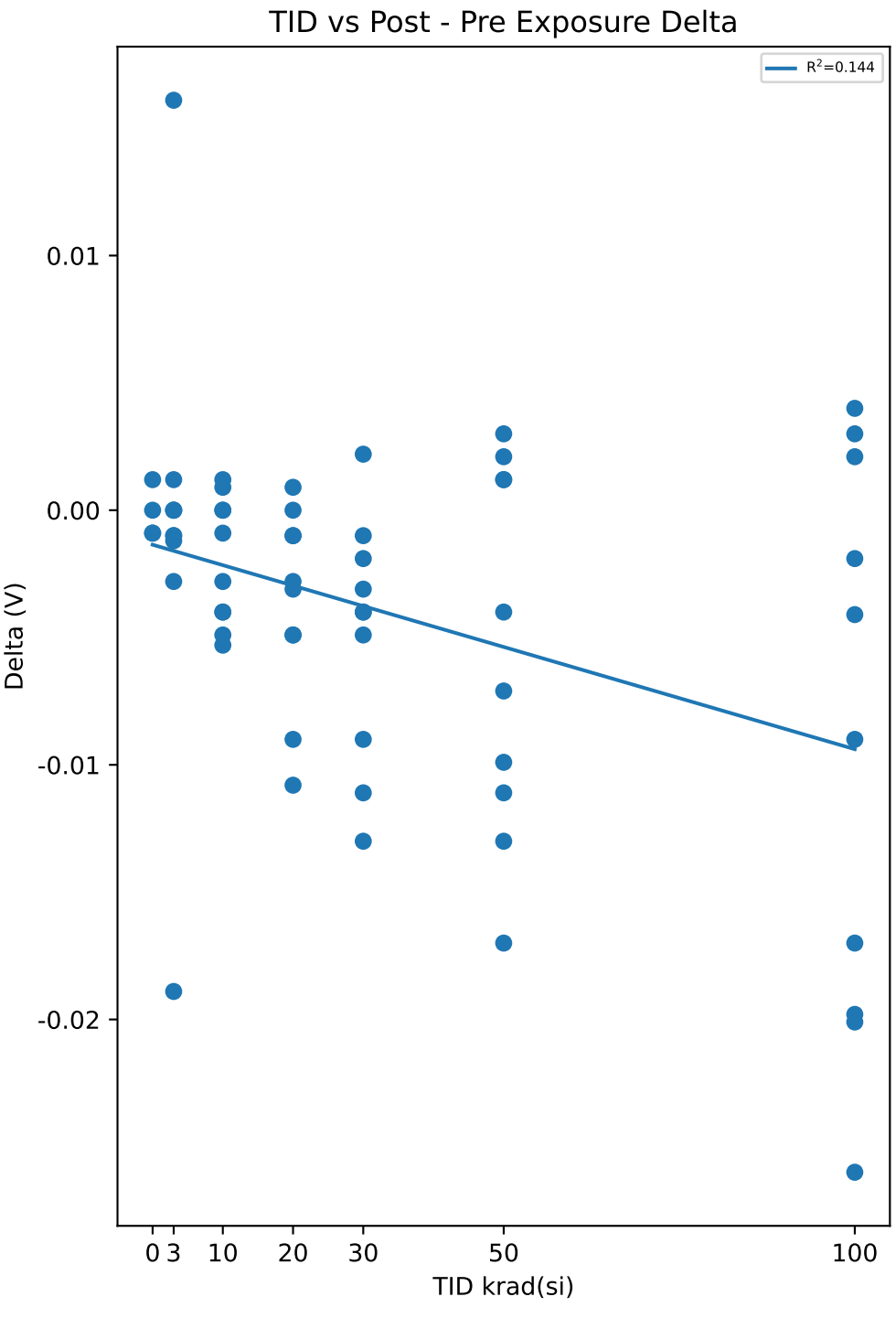
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.764	3.7695	3.7761	0.0055835	3.764	3.7698	3.777	0.0059433	0	0.000225	0.0009	0.00045
3	3.756	3.7686	3.7829	0.0094402	3.7551	3.7677	3.782	0.0091448	-0.0201	-0.00093	0.017	0.0087982
10	3.756	3.7686	3.7829	0.0094402	3.7541	3.7666	3.782	0.0090051	-0.0061	-0.00201	0.0018	0.0026079
20	3.756	3.7686	3.7829	0.0094402	3.7489	3.7647	3.7801	0.010313	-0.0111	-0.00388	0	0.0036514
30	3.756	3.7686	3.7829	0.0094402	3.7461	3.7635	3.777	0.01019	-0.0139	-0.00509	0.0018	0.0052836
50	3.756	3.7686	3.7829	0.0094402	3.7421	3.7624	3.7748	0.010613	-0.0179	-0.00622	0.0018	0.0071745
100	3.756	3.7686	3.7829	0.0094402	3.7331	3.7592	3.773	0.012673	-0.0269	-0.00943	0.0049	0.010596

Device Test: 17.11 UVLO|PVIN_FALL/PVIN/4.5/4.5/0/1000/4.5/500kHz//@PVIN_UVLO_FALL



Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

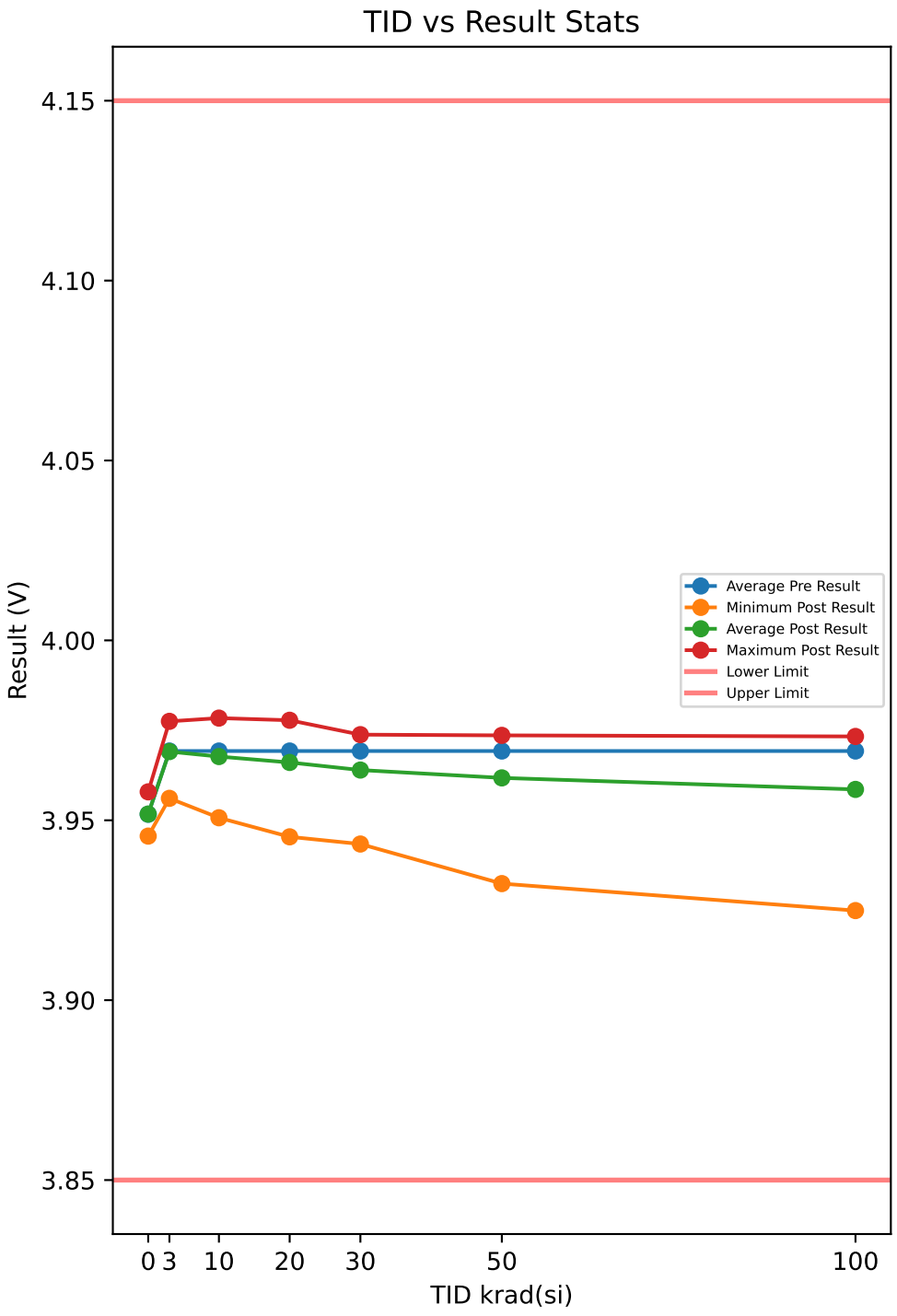
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.556	3.556	0
2	3	LDR BIAS	3.5739	3.555	-0.0189
3	3	LDR BIAS	3.5569	3.573	0.0161
4	3	LDR BIAS	3.5671	3.5659	-0.0012
5	3	LDR BIAS	3.5779	3.5779	0
6	3	LDR UNBIAS	3.569	3.568	-0.001
7	3	LDR UNBIAS	3.5659	3.5649	-0.001
8	3	LDR UNBIAS	3.552	3.552	0
9	3	LDR UNBIAS	3.5569	3.5581	0.0012
10	3	LDR UNBIAS	3.5739	3.5711	-0.0028
11	0	CORRELATION	3.56	3.5591	-0.0009
12	0	CORRELATION	3.568	3.5671	-0.0009
13	0	CORRELATION	3.5739	3.5751	0.0012
14	0	CORRELATION	3.5618	3.5618	0
21	10	LDR BIAS	3.556	3.556	0
22	10	LDR BIAS	3.5739	3.569	-0.0049
23	10	LDR BIAS	3.5569	3.5581	0.0012
24	10	LDR BIAS	3.5671	3.5618	-0.0053
25	10	LDR BIAS	3.5779	3.577	-0.0009
26	10	LDR UNBIAS	3.569	3.5699	0.0009
27	10	LDR UNBIAS	3.5659	3.5631	-0.0028
28	10	LDR UNBIAS	3.552	3.552	0
29	10	LDR UNBIAS	3.5569	3.5529	-0.004
30	10	LDR UNBIAS	3.5739	3.5699	-0.004
31	20	LDR BIAS	3.556	3.5529	-0.0031
32	20	LDR BIAS	3.5739	3.569	-0.0049
33	20	LDR BIAS	3.5569	3.5461	-0.0108
34	20	LDR BIAS	3.5671	3.5581	-0.009
35	20	LDR BIAS	3.5779	3.5751	-0.0028
36	20	LDR UNBIAS	3.569	3.5699	0.0009
37	20	LDR UNBIAS	3.5659	3.5649	-0.001
38	20	LDR UNBIAS	3.552	3.551	-0.001
39	20	LDR UNBIAS	3.5569	3.5569	0
40	20	LDR UNBIAS	3.5739	3.569	-0.0049
41	30	LDR BIAS	3.556	3.552	-0.004
42	30	LDR BIAS	3.5739	3.5649	-0.009
43	30	LDR BIAS	3.5569	3.5439	-0.013
44	30	LDR BIAS	3.5671	3.556	-0.0111
45	30	LDR BIAS	3.5779	3.573	-0.0049
46	30	LDR UNBIAS	3.569	3.5659	-0.0031
47	30	LDR UNBIAS	3.5659	3.5649	-0.001
48	30	LDR UNBIAS	3.552	3.5501	-0.0019
49	30	LDR UNBIAS	3.5569	3.5591	0.0022
50	30	LDR UNBIAS	3.5739	3.5699	-0.004
51	50	LDR BIAS	3.556	3.5489	-0.0071
52	50	LDR BIAS	3.5739	3.5609	-0.013
53	50	LDR BIAS	3.5569	3.5399	-0.017
54	50	LDR BIAS	3.5671	3.556	-0.0111
55	50	LDR BIAS	3.5779	3.568	-0.0099
56	50	LDR UNBIAS	3.569	3.5711	0.0021
57	50	LDR UNBIAS	3.5659	3.5671	0.0012
58	50	LDR UNBIAS	3.552	3.555	0.003
59	50	LDR UNBIAS	3.5569	3.5581	0.0012
60	50	LDR UNBIAS	3.5739	3.5699	-0.004
61	100	LDR BIAS	3.556	3.5359	-0.0201
62	100	LDR BIAS	3.5739	3.5541	-0.0198
63	100	LDR BIAS	3.5569	3.5309	-0.026
64	100	LDR BIAS	3.5671	3.5581	-0.009
65	100	LDR BIAS	3.5779	3.5609	-0.017
66	100	LDR UNBIAS	3.569	3.5711	0.0021
67	100	LDR UNBIAS	3.5659	3.5618	-0.0041
68	100	LDR UNBIAS	3.552	3.555	0.003
69	100	LDR UNBIAS	3.5569	3.5609	0.004
70	100	LDR UNBIAS	3.5739	3.572	-0.0019



Test Statistics (V)

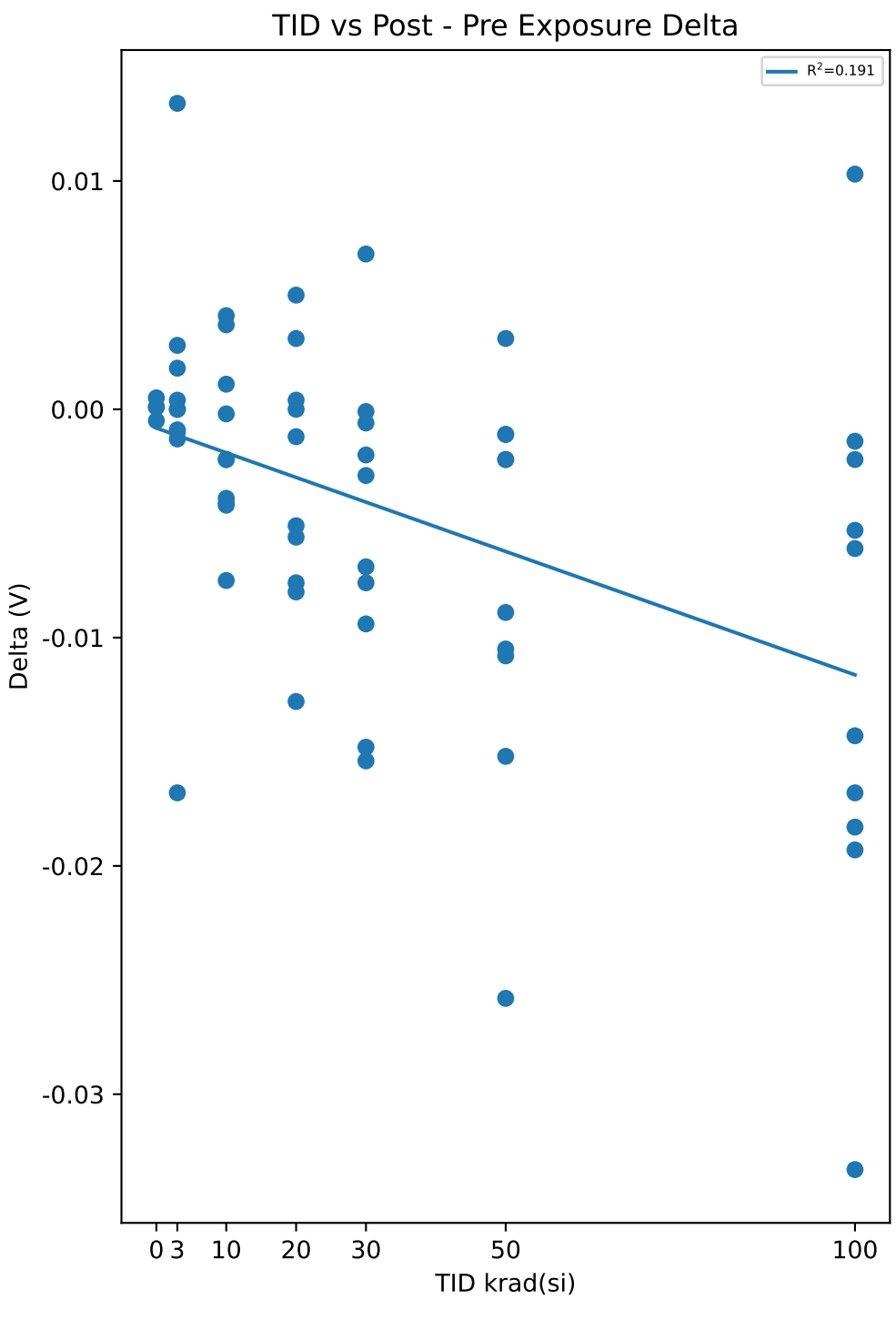
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.56	3.5659	3.5739	0.0063253	3.5591	3.5658	3.5751	0.0070491	-0.0009	-0.00015	0.0012	0.00099499
3	3.552	3.565	3.5779	0.0089892	3.552	3.5642	3.5779	0.0086184	-0.0189	-0.00076	0.0161	0.0083224
10	3.552	3.565	3.5779	0.0089892	3.552	3.563	3.577	0.0083312	-0.0053	-0.00198	0.0012	0.0024899
20	3.552	3.565	3.5779	0.0089892	3.5461	3.5613	3.5751	0.0096219	-0.0108	-0.00366	0.0009	0.0038292
30	3.552	3.565	3.5779	0.0089892	3.5439	3.56	3.573	0.0093563	-0.013	-0.00498	0.0022	0.0047173
50	3.552	3.565	3.5779	0.0089892	3.5399	3.5595	3.5711	0.010031	-0.017	-0.00546	0.003	0.0071787
100	3.552	3.565	3.5779	0.0089892	3.5309	3.5561	3.572	0.013369	-0.026	-0.00888	0.004	0.011072

Device Test: 17.13 UVLO|VIN_RISE/VIN/4.5/4.5/0/1000/4.5/500kHz//@VIN_UVLO_RISE



Test Results (Lower Limit = 3.85, Upper Limit = 4.15 (V))

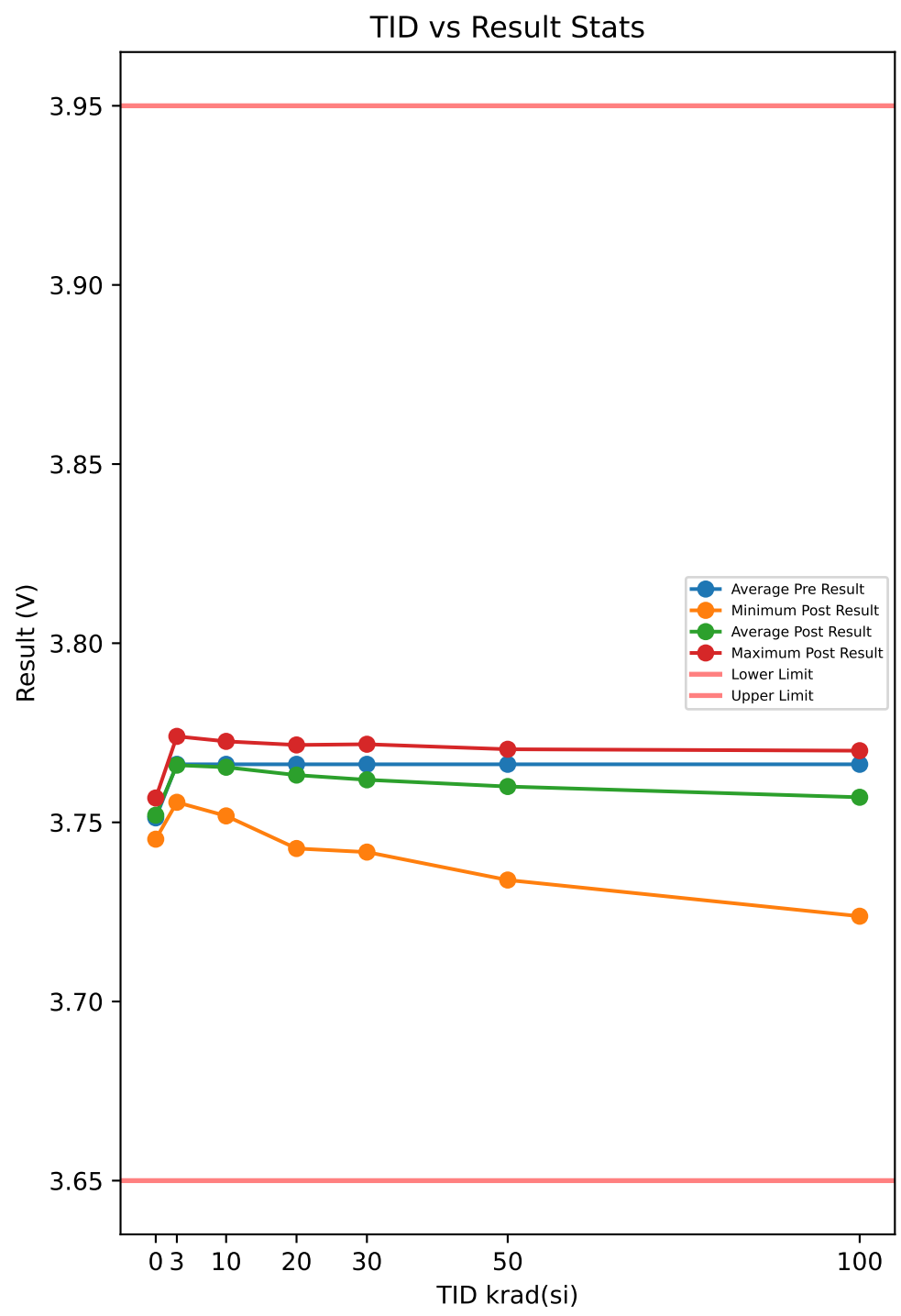
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.9629	3.962	-0.0009
2	3	LDR BIAS	3.9729	3.9561	-0.0168
3	3	LDR BIAS	3.9582	3.9716	0.0134
4	3	LDR BIAS	3.9769	3.9756	-0.0013
5	3	LDR BIAS	3.9732	3.9736	0.0004
6	3	LDR UNBIAS	3.9758	3.9758	0
7	3	LDR UNBIAS	3.9716	3.9716	0
8	3	LDR UNBIAS	3.9747	3.9775	0.0028
9	3	LDR UNBIAS	3.9658	3.9648	-0.001
10	3	LDR UNBIAS	3.9605	3.9623	0.0018
11	0	CORRELATION	3.9545	3.955	0.0005
12	0	CORRELATION	3.9578	3.9579	0.0001
13	0	CORRELATION	3.9483	3.9484	0.0001
14	0	CORRELATION	3.9461	3.9456	-0.0005
21	10	LDR BIAS	3.9629	3.9588	-0.0041
22	10	LDR BIAS	3.9729	3.9687	-0.0042
23	10	LDR BIAS	3.9582	3.9507	-0.0075
24	10	LDR BIAS	3.9769	3.9747	-0.0022
25	10	LDR BIAS	3.9732	3.9693	-0.0039
26	10	LDR UNBIAS	3.9758	3.9769	0.0011
27	10	LDR UNBIAS	3.9716	3.9694	-0.0022
28	10	LDR UNBIAS	3.9747	3.9784	0.0037
29	10	LDR UNBIAS	3.9658	3.9656	-0.0002
30	10	LDR UNBIAS	3.9605	3.9646	0.0041
31	20	LDR BIAS	3.9629	3.9553	-0.0076
32	20	LDR BIAS	3.9729	3.9649	-0.008
33	20	LDR BIAS	3.9582	3.9454	-0.0128
34	20	LDR BIAS	3.9769	3.9713	-0.0056
35	20	LDR BIAS	3.9732	3.9681	-0.0051
36	20	LDR UNBIAS	3.9758	3.9762	0.0004
37	20	LDR UNBIAS	3.9716	3.9716	0
38	20	LDR UNBIAS	3.9747	3.9778	0.0031
39	20	LDR UNBIAS	3.9658	3.9646	-0.0012
40	20	LDR UNBIAS	3.9605	3.9655	0.005
41	30	LDR BIAS	3.9629	3.9475	-0.0154
42	30	LDR BIAS	3.9729	3.9635	-0.0094
43	30	LDR BIAS	3.9582	3.9434	-0.0148
44	30	LDR BIAS	3.9769	3.97	-0.0069
45	30	LDR BIAS	3.9732	3.9656	-0.0076
46	30	LDR UNBIAS	3.9758	3.9738	-0.002
47	30	LDR UNBIAS	3.9716	3.9715	-0.0001
48	30	LDR UNBIAS	3.9747	3.9718	-0.0029
49	30	LDR UNBIAS	3.9658	3.9652	-0.0006
50	30	LDR UNBIAS	3.9605	3.9673	0.0068
51	50	LDR BIAS	3.9629	3.9477	-0.0152
52	50	LDR BIAS	3.9729	3.9624	-0.0105
53	50	LDR BIAS	3.9582	3.9324	-0.0258
54	50	LDR BIAS	3.9769	3.9661	-0.0108
55	50	LDR BIAS	3.9732	3.9643	-0.0089
56	50	LDR UNBIAS	3.9758	3.9736	-0.0022
57	50	LDR UNBIAS	3.9716	3.9705	-0.0011
58	50	LDR UNBIAS	3.9747	3.9736	-0.0011
59	50	LDR UNBIAS	3.9658	3.9636	-0.0022
60	50	LDR UNBIAS	3.9605	3.9636	0.0031
61	100	LDR BIAS	3.9629	3.9436	-0.0193
62	100	LDR BIAS	3.9729	3.9561	-0.0168
63	100	LDR BIAS	3.9582	3.9249	-0.0333
64	100	LDR BIAS	3.9769	3.9586	-0.0183
65	100	LDR BIAS	3.9732	3.9589	-0.0143
66	100	LDR UNBIAS	3.9758	3.9705	-0.0053
67	100	LDR UNBIAS	3.9716	3.9655	-0.0061
68	100	LDR UNBIAS	3.9747	3.9733	-0.0014
69	100	LDR UNBIAS	3.9658	3.9636	-0.0022
70	100	LDR UNBIAS	3.9605	3.9708	0.0103



Test Statistics (V)

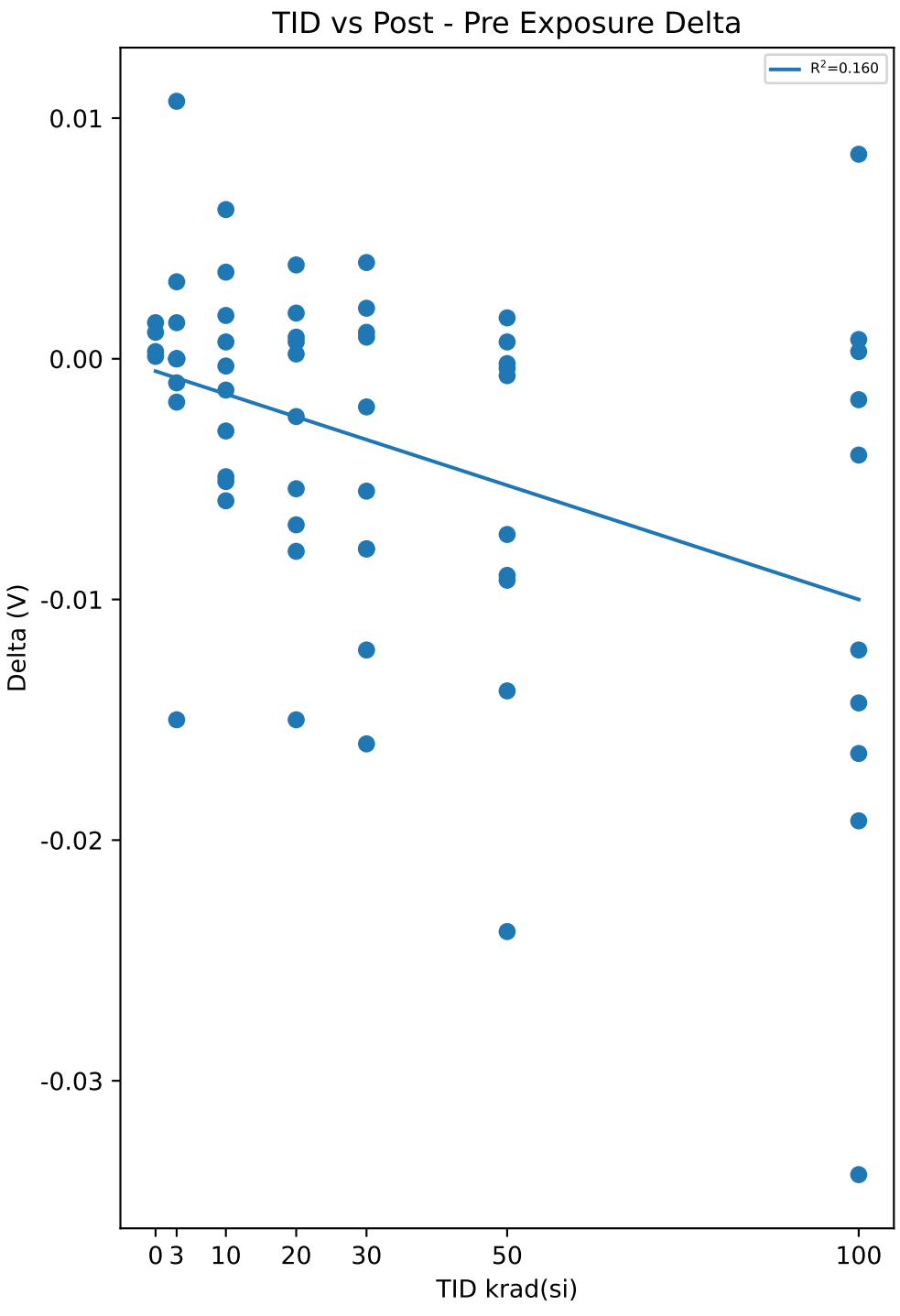
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.9461	3.9517	3.9578	0.005415	3.9456	3.9517	3.9579	0.0056988	-0.0005	5e-05	0.0005	0.00041231
3	3.9582	3.9693	3.9769	0.0068025	3.9561	3.9691	3.9775	0.0072617	-0.0168	-0.00016	0.0134	0.0072746
10	3.9582	3.9693	3.9769	0.0068025	3.9507	3.9677	3.9784	0.0084117	-0.0075	-0.00154	0.0041	0.0037062
20	3.9582	3.9693	3.9769	0.0068025	3.9454	3.9661	3.9778	0.0097146	-0.0128	-0.00318	0.005	0.0055583
30	3.9582	3.9693	3.9769	0.0068025	3.9434	3.964	3.9738	0.010333	-0.0154	-0.00529	0.0068	0.006905
50	3.9582	3.9693	3.9769	0.0068025	3.9324	3.9618	3.9736	0.012688	-0.0258	-0.00747	0.0031	0.0086054
100	3.9582	3.9693	3.9769	0.0068025	3.9249	3.9586	3.9733	0.014705	-0.0333	-0.01067	0.0103	0.012214

Device Test: 17.14 UVLO|VIN_FALL/VIN/4.5/4.5/0/1000/4.5/500kHz//@VIN_UVLO_FALL



Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

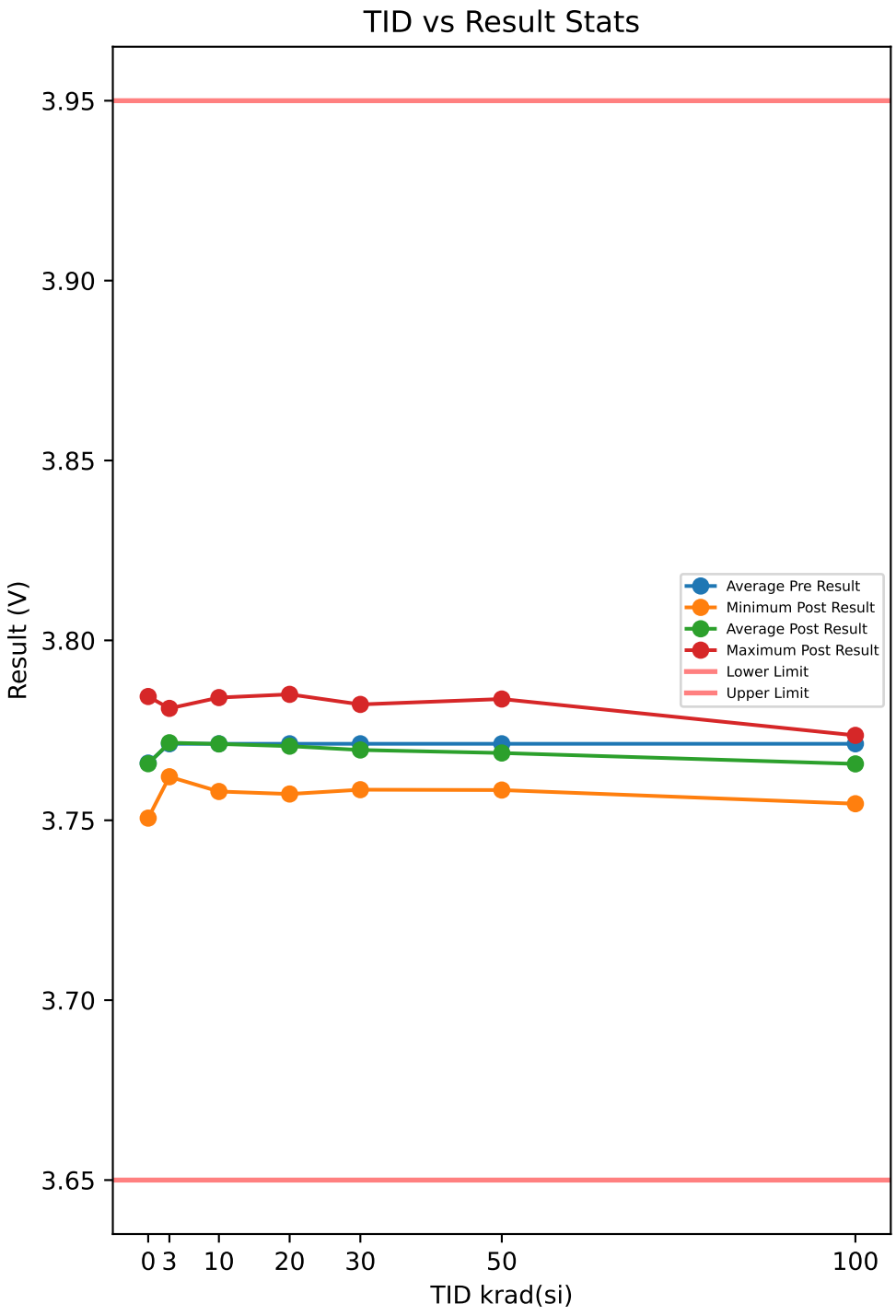
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7608	3.759	-0.0018
2	3	LDR BIAS	3.7706	3.7556	-0.015
3	3	LDR BIAS	3.7577	3.7684	0.0107
4	3	LDR BIAS	3.7689	3.7679	-0.001
5	3	LDR BIAS	3.774	3.774	0
6	3	LDR UNBIAS	3.7697	3.7712	0.0015
7	3	LDR UNBIAS	3.7687	3.7687	0
8	3	LDR UNBIAS	3.7708	3.7708	0
9	3	LDR UNBIAS	3.7599	3.7599	0
10	3	LDR UNBIAS	3.7609	3.7641	0.0032
11	0	CORRELATION	3.7555	3.7558	0.0003
12	0	CORRELATION	3.7567	3.7568	0.0001
13	0	CORRELATION	3.749	3.7501	0.0011
14	0	CORRELATION	3.7438	3.7453	0.0015
21	10	LDR BIAS	3.7608	3.7559	-0.0049
22	10	LDR BIAS	3.7706	3.7676	-0.003
23	10	LDR BIAS	3.7577	3.7518	-0.0059
24	10	LDR BIAS	3.7689	3.7676	-0.0013
25	10	LDR BIAS	3.774	3.7689	-0.0051
26	10	LDR UNBIAS	3.7697	3.7704	0.0007
27	10	LDR UNBIAS	3.7687	3.7684	-0.0003
28	10	LDR UNBIAS	3.7708	3.7726	0.0018
29	10	LDR UNBIAS	3.7599	3.7661	0.0062
30	10	LDR UNBIAS	3.7609	3.7645	0.0036
31	20	LDR BIAS	3.7608	3.7539	-0.0069
32	20	LDR BIAS	3.7706	3.7626	-0.008
33	20	LDR BIAS	3.7577	3.7427	-0.015
34	20	LDR BIAS	3.7689	3.7665	-0.0024
35	20	LDR BIAS	3.774	3.7686	-0.0054
36	20	LDR UNBIAS	3.7697	3.7716	0.0019
37	20	LDR UNBIAS	3.7687	3.7689	0.0002
38	20	LDR UNBIAS	3.7708	3.7715	0.0007
39	20	LDR UNBIAS	3.7599	3.7608	0.0009
40	20	LDR UNBIAS	3.7609	3.7648	0.0039
41	30	LDR BIAS	3.7608	3.7487	-0.0121
42	30	LDR BIAS	3.7706	3.7627	-0.0079
43	30	LDR BIAS	3.7577	3.7417	-0.016
44	30	LDR BIAS	3.7689	3.7634	-0.0055
45	30	LDR BIAS	3.774	3.7661	-0.0079
46	30	LDR UNBIAS	3.7697	3.7718	0.0021
47	30	LDR UNBIAS	3.7687	3.7698	0.0011
48	30	LDR UNBIAS	3.7708	3.7688	-0.002
49	30	LDR UNBIAS	3.7599	3.7608	0.0009
50	30	LDR UNBIAS	3.7609	3.7649	0.004
51	50	LDR BIAS	3.7608	3.747	-0.0138
52	50	LDR BIAS	3.7706	3.7616	-0.009
53	50	LDR BIAS	3.7577	3.7339	-0.0238
54	50	LDR BIAS	3.7689	3.7616	-0.0073
55	50	LDR BIAS	3.774	3.7648	-0.0092
56	50	LDR UNBIAS	3.7697	3.7704	0.0007
57	50	LDR UNBIAS	3.7687	3.7685	-0.0002
58	50	LDR UNBIAS	3.7708	3.7701	-0.0007
59	50	LDR UNBIAS	3.7599	3.7595	-0.0004
60	50	LDR UNBIAS	3.7609	3.7626	0.0017
61	100	LDR BIAS	3.7608	3.7416	-0.0192
62	100	LDR BIAS	3.7706	3.7585	-0.0121
63	100	LDR BIAS	3.7577	3.7238	-0.0339
64	100	LDR BIAS	3.7689	3.7525	-0.0164
65	100	LDR BIAS	3.774	3.7597	-0.0143
66	100	LDR UNBIAS	3.7697	3.77	0.0003
67	100	LDR UNBIAS	3.7687	3.7647	-0.004
68	100	LDR UNBIAS	3.7708	3.7691	-0.0017
69	100	LDR UNBIAS	3.7599	3.7607	0.0008
70	100	LDR UNBIAS	3.7609	3.7694	0.0085



Test Statistics (V)

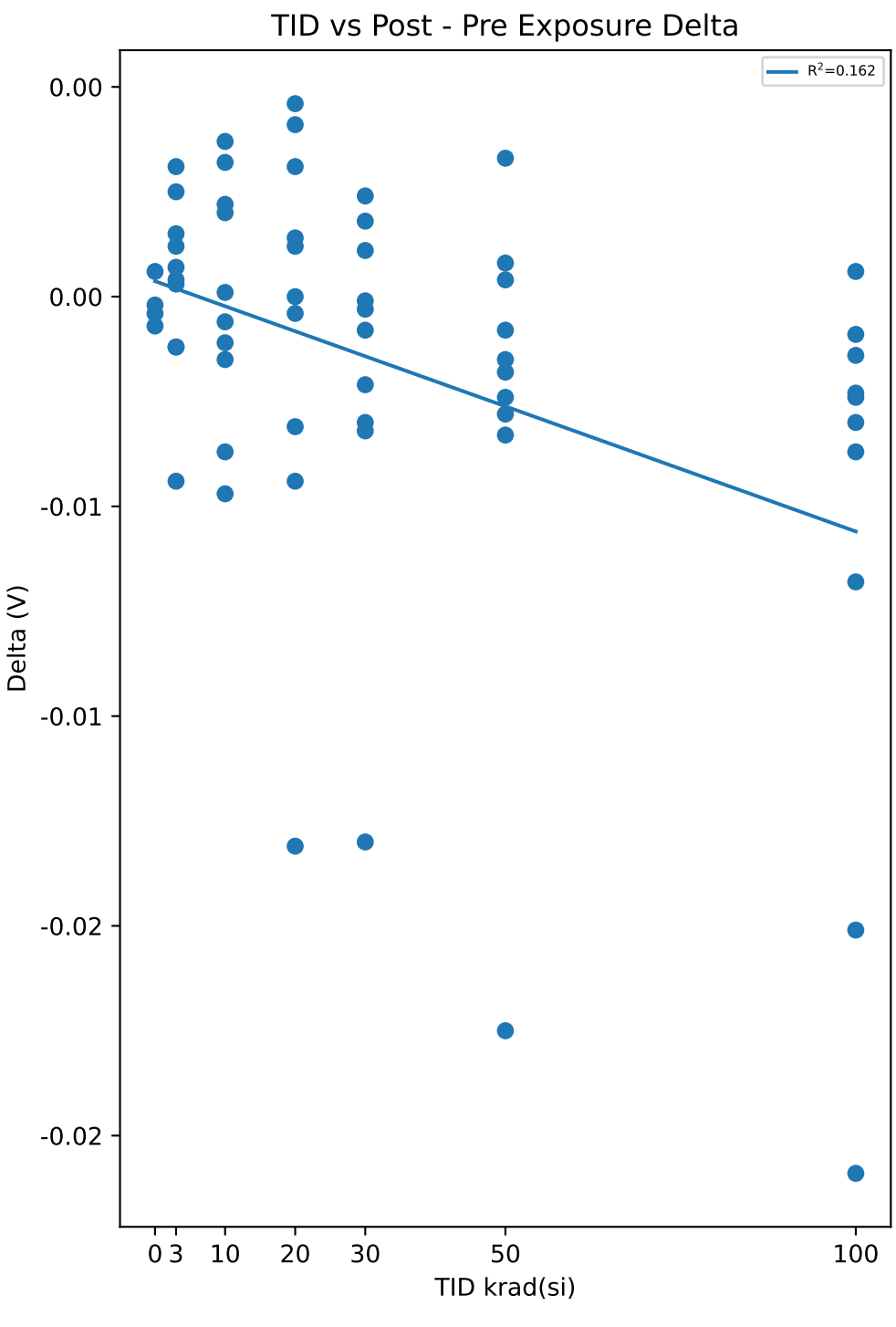
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7438	3.7512	3.7567	0.0060092	3.7453	3.752	3.7568	0.0053535	0.0001	0.00075	0.0015	0.00066081
3	3.7577	3.7662	3.774	0.0057382	3.7556	3.766	3.774	0.0060434	-0.015	-0.00024	0.0107	0.0062862
10	3.7577	3.7662	3.774	0.0057382	3.7518	3.7654	3.7726	0.0065343	-0.0059	-0.00082	0.0062	0.0040002
20	3.7577	3.7662	3.774	0.0057382	3.7427	3.7632	3.7716	0.0089902	-0.015	-0.00301	0.0039	0.005784
30	3.7577	3.7662	3.774	0.0057382	3.7417	3.7619	3.7718	0.0095513	-0.016	-0.00433	0.004	0.0066368
50	3.7577	3.7662	3.774	0.0057382	3.7339	3.76	3.7704	0.011391	-0.0238	-0.0062	0.0017	0.0081342
100	3.7577	3.7662	3.774	0.0057382	3.7238	3.757	3.77	0.014573	-0.0339	-0.0092	0.0085	0.012397

Device Test: 17.16 UVLO|VLDO_RISE/VLDO/4.5/4.5/0/1000/4.5/500kHz//@VLDO_UVLO_RISE



Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

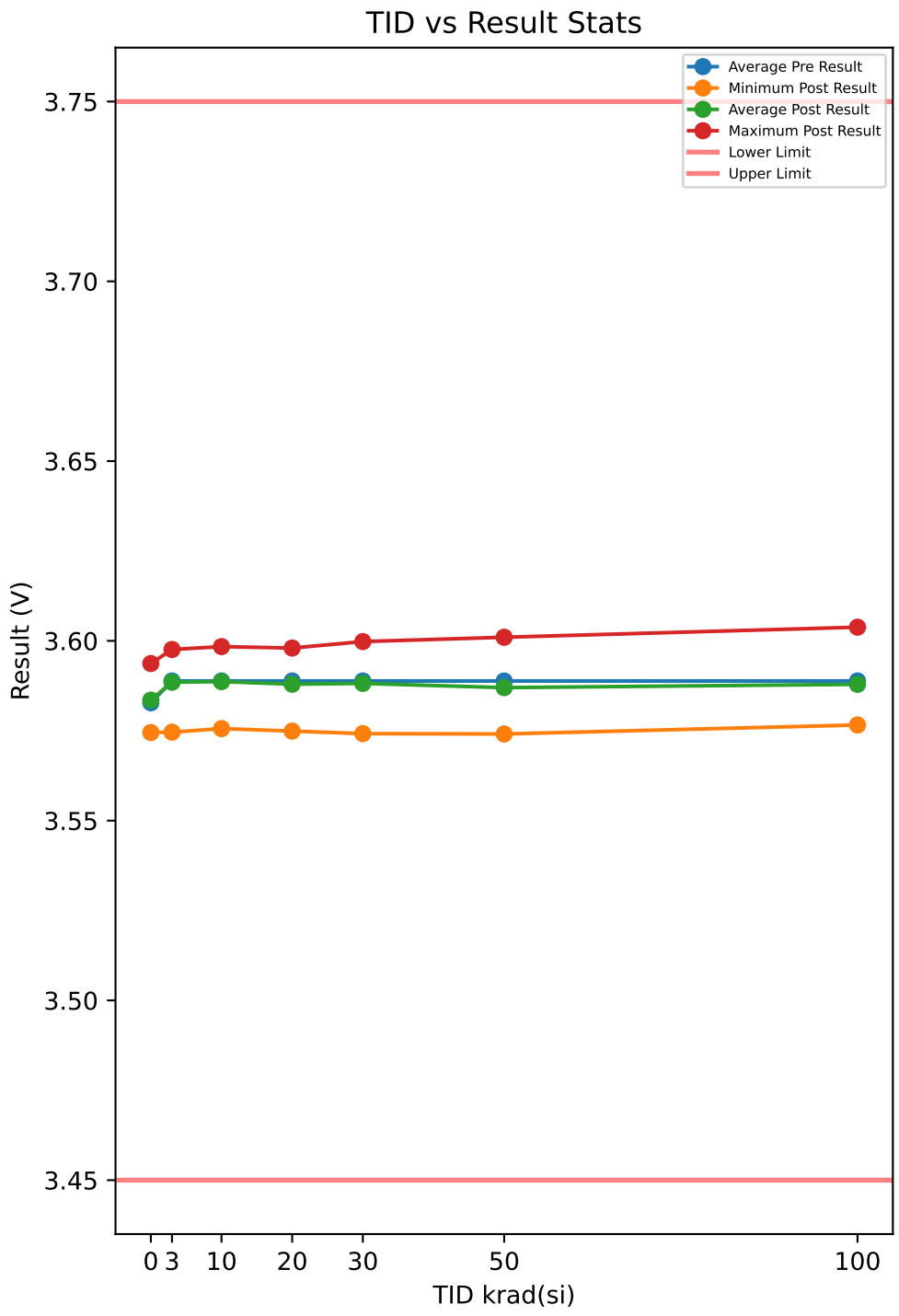
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7617	3.7621	0.0004
2	3	LDR BIAS	3.7723	3.7754	0.0031
3	3	LDR BIAS	3.7762	3.7718	-0.0044
4	3	LDR BIAS	3.7719	3.7707	-0.0012
5	3	LDR BIAS	3.7755	3.7767	0.0012
6	3	LDR UNBIAS	3.7745	3.7733	-0.0012
7	3	LDR UNBIAS	3.768	3.7683	0.0003
8	3	LDR UNBIAS	3.7635	3.765	0.0015
9	3	LDR UNBIAS	3.7686	3.7711	0.0025
10	3	LDR UNBIAS	3.7804	3.7811	0.0007
11	0	CORRELATION	3.7577	3.7575	-0.0002
12	0	CORRELATION	3.75	3.7506	0.0006
13	0	CORRELATION	3.7711	3.7704	-0.0007
14	0	CORRELATION	3.7848	3.7844	-0.0004
21	10	LDR BIAS	3.7617	3.758	-0.0037
22	10	LDR BIAS	3.7723	3.7724	0.0001
23	10	LDR BIAS	3.7762	3.7715	-0.0047
24	10	LDR BIAS	3.7719	3.7708	-0.0011
25	10	LDR BIAS	3.7755	3.7777	0.0022
26	10	LDR UNBIAS	3.7745	3.773	-0.0015
27	10	LDR UNBIAS	3.768	3.7674	-0.0006
28	10	LDR UNBIAS	3.7635	3.7655	0.002
29	10	LDR UNBIAS	3.7686	3.7718	0.0032
30	10	LDR UNBIAS	3.7804	3.7841	0.0037
31	20	LDR BIAS	3.7617	3.7573	-0.0044
32	20	LDR BIAS	3.7723	3.7735	0.0012
33	20	LDR BIAS	3.7762	3.7631	-0.0131
34	20	LDR BIAS	3.7719	3.7688	-0.0031
35	20	LDR BIAS	3.7755	3.7786	0.0031
36	20	LDR UNBIAS	3.7745	3.7741	-0.0004
37	20	LDR UNBIAS	3.768	3.7694	0.0014
38	20	LDR UNBIAS	3.7635	3.7635	0
39	20	LDR UNBIAS	3.7686	3.7727	0.0041
40	20	LDR UNBIAS	3.7804	3.785	0.0046
41	30	LDR BIAS	3.7617	3.7585	-0.0032
42	30	LDR BIAS	3.7723	3.7715	-0.0008
43	30	LDR BIAS	3.7762	3.7632	-0.013
44	30	LDR BIAS	3.7719	3.7698	-0.0021
45	30	LDR BIAS	3.7755	3.7754	-0.0001
46	30	LDR UNBIAS	3.7745	3.7715	-0.003
47	30	LDR UNBIAS	3.768	3.7704	0.0024
48	30	LDR UNBIAS	3.7635	3.7632	-0.0003
49	30	LDR UNBIAS	3.7686	3.7697	0.0011
50	30	LDR UNBIAS	3.7804	3.7822	0.0018
51	50	LDR BIAS	3.7617	3.7584	-0.0033
52	50	LDR BIAS	3.7723	3.7727	0.0004
53	50	LDR BIAS	3.7762	3.7587	-0.0175
54	50	LDR BIAS	3.7719	3.7727	0.0008
55	50	LDR BIAS	3.7755	3.7737	-0.0018
56	50	LDR UNBIAS	3.7745	3.7721	-0.0024
57	50	LDR UNBIAS	3.768	3.7652	-0.0028
58	50	LDR UNBIAS	3.7635	3.7627	-0.0008
59	50	LDR UNBIAS	3.7686	3.7671	-0.0015
60	50	LDR UNBIAS	3.7804	3.7837	0.0033
61	100	LDR BIAS	3.7617	3.7593	-0.0024
62	100	LDR BIAS	3.7723	3.7693	-0.003
63	100	LDR BIAS	3.7762	3.7611	-0.0151
64	100	LDR BIAS	3.7719	3.7696	-0.0023
65	100	LDR BIAS	3.7755	3.7546	-0.0209
66	100	LDR UNBIAS	3.7745	3.7736	-0.0009
67	100	LDR UNBIAS	3.768	3.7686	0.0006
68	100	LDR UNBIAS	3.7635	3.7621	-0.0014
69	100	LDR UNBIAS	3.7686	3.7649	-0.0037
70	100	LDR UNBIAS	3.7804	3.7736	-0.0068



Test Statistics (V)

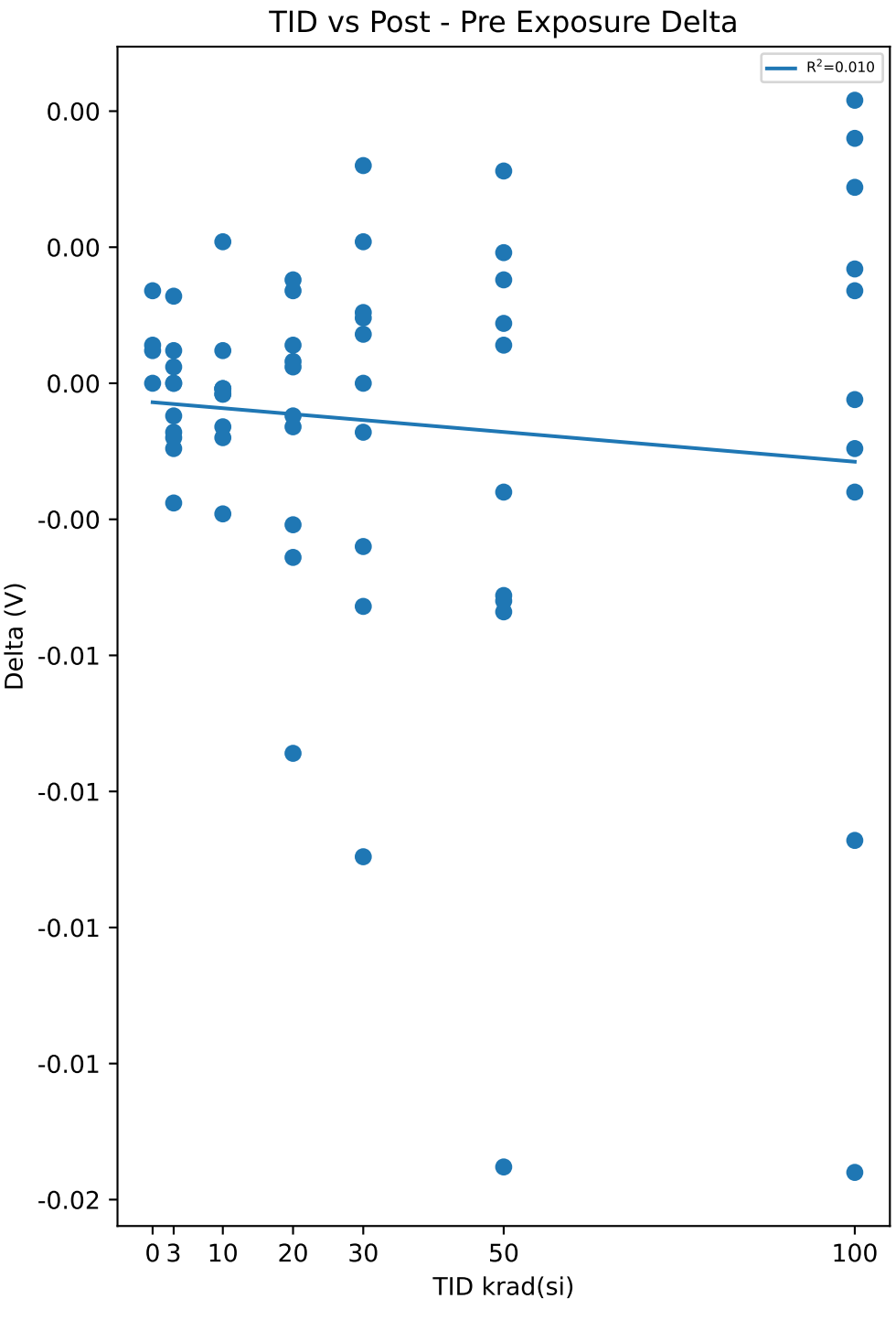
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.75	3.7659	3.7848	0.015322	3.7506	3.7657	3.7844	0.014911	-0.0007	-0.000175	0.0006	0.00055603
3	3.7617	3.7713	3.7804	0.0058426	3.7621	3.7715	3.7811	0.0055714	-0.0044	0.00029	0.0031	0.0021522
10	3.7617	3.7713	3.7804	0.0058426	3.758	3.7712	3.7841	0.0069531	-0.0047	-4e-05	0.0037	0.0028356
20	3.7617	3.7713	3.7804	0.0058426	3.7573	3.7706	3.785	0.0080599	-0.0131	-0.00066	0.0046	0.0052426
30	3.7617	3.7713	3.7804	0.0058426	3.7585	3.7695	3.7822	0.0067115	-0.013	-0.00172	0.0024	0.0043972
50	3.7617	3.7713	3.7804	0.0058426	3.7584	3.7687	3.7837	0.0078206	-0.0175	-0.00256	0.0033	0.0056078
100	3.7617	3.7713	3.7804	0.0058426	3.7546	3.7657	3.7736	0.0063274	-0.0209	-0.00559	0.0006	0.0069558

Device Test: 17.17 UVLO|VLDO_FALL/VLDO/4.5/4.5/0/1000/4.5/500kHz//@VLDO_UVLO_FALL



Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

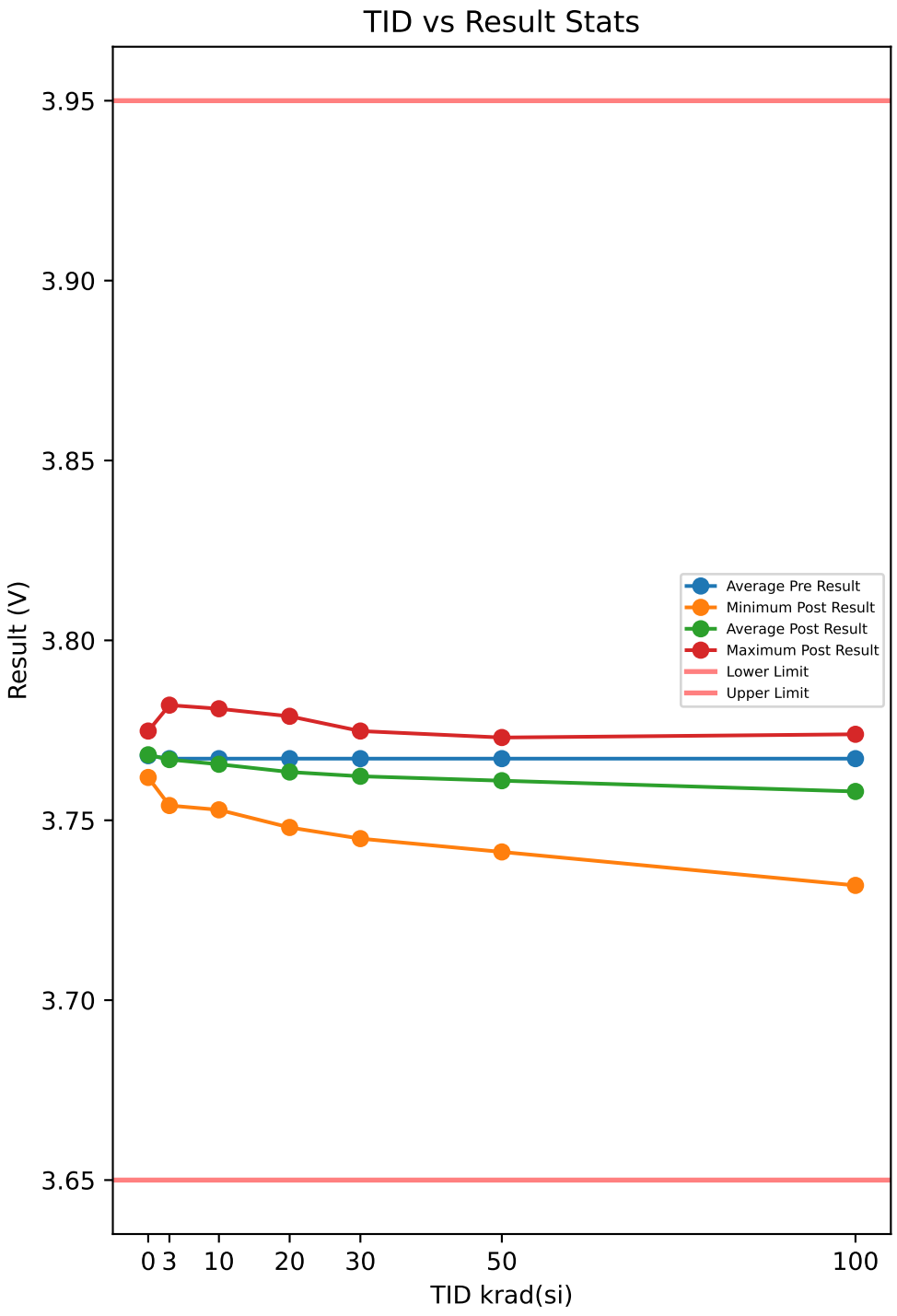
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.573	3.5746	0.0016
2	3	LDR BIAS	3.5925	3.5903	-0.0022
3	3	LDR BIAS	3.5917	3.5923	0.0006
4	3	LDR BIAS	3.5874	3.5874	0
5	3	LDR BIAS	3.5958	3.5958	0
6	3	LDR UNBIAS	3.5906	3.5894	-0.0012
7	3	LDR UNBIAS	3.5986	3.5976	-0.001
8	3	LDR UNBIAS	3.5783	3.5774	-0.0009
9	3	LDR UNBIAS	3.5833	3.5836	0.0003
10	3	LDR UNBIAS	3.5972	3.5966	-0.0006
11	0	CORRELATION	3.5745	3.5745	0
12	0	CORRELATION	3.5821	3.5838	0.0017
13	0	CORRELATION	3.5814	3.5821	0.0007
14	0	CORRELATION	3.5931	3.5937	0.0006
21	10	LDR BIAS	3.573	3.5756	0.0026
22	10	LDR BIAS	3.5925	3.5931	0.0006
23	10	LDR BIAS	3.5917	3.5916	-0.0001
24	10	LDR BIAS	3.5874	3.5872	-0.0002
25	10	LDR BIAS	3.5958	3.5957	-0.0001
26	10	LDR UNBIAS	3.5906	3.5882	-0.0024
27	10	LDR UNBIAS	3.5986	3.5984	-0.0002
28	10	LDR UNBIAS	3.5783	3.5775	-0.0008
29	10	LDR UNBIAS	3.5833	3.5832	-0.0001
30	10	LDR UNBIAS	3.5972	3.5962	-0.001
31	20	LDR BIAS	3.573	3.5749	0.0019
32	20	LDR BIAS	3.5925	3.5942	0.0017
33	20	LDR BIAS	3.5917	3.5849	-0.0068
34	20	LDR BIAS	3.5874	3.5842	-0.0032
35	20	LDR BIAS	3.5958	3.5962	0.0004
36	20	LDR UNBIAS	3.5906	3.588	-0.0026
37	20	LDR UNBIAS	3.5986	3.598	-0.0006
38	20	LDR UNBIAS	3.5783	3.5786	0.0003
39	20	LDR UNBIAS	3.5833	3.584	0.0007
40	20	LDR UNBIAS	3.5972	3.5964	-0.0008
41	30	LDR BIAS	3.573	3.5742	0.0012
42	30	LDR BIAS	3.5925	3.5951	0.0026
43	30	LDR BIAS	3.5917	3.583	-0.0087
44	30	LDR BIAS	3.5874	3.5833	-0.0041
45	30	LDR BIAS	3.5958	3.5998	0.004
46	30	LDR UNBIAS	3.5906	3.5876	-0.003
47	30	LDR UNBIAS	3.5986	3.5995	0.0009
48	30	LDR UNBIAS	3.5783	3.5774	-0.0009
49	30	LDR UNBIAS	3.5833	3.5833	0
50	30	LDR UNBIAS	3.5972	3.5985	0.0013
51	50	LDR BIAS	3.573	3.5741	0.0011
52	50	LDR BIAS	3.5925	3.5932	0.0007
53	50	LDR BIAS	3.5917	3.5773	-0.0144
54	50	LDR BIAS	3.5874	3.5832	-0.0042
55	50	LDR BIAS	3.5958	3.5997	0.0039
56	50	LDR UNBIAS	3.5906	3.5866	-0.004
57	50	LDR UNBIAS	3.5986	3.601	0.0024
58	50	LDR UNBIAS	3.5783	3.5744	-0.0039
59	50	LDR UNBIAS	3.5833	3.5813	-0.002
60	50	LDR UNBIAS	3.5972	3.5991	0.0019
61	100	LDR BIAS	3.573	3.5766	0.0036
62	100	LDR BIAS	3.5925	3.5922	-0.0003
63	100	LDR BIAS	3.5917	3.5772	-0.0145
64	100	LDR BIAS	3.5874	3.5854	-0.002
65	100	LDR BIAS	3.5958	3.6003	0.0045
66	100	LDR UNBIAS	3.5906	3.5894	-0.0012
67	100	LDR UNBIAS	3.5986	3.6038	0.0052
68	100	LDR UNBIAS	3.5783	3.5804	0.0021
69	100	LDR UNBIAS	3.5833	3.585	0.0017
70	100	LDR UNBIAS	3.5972	3.5888	-0.0084

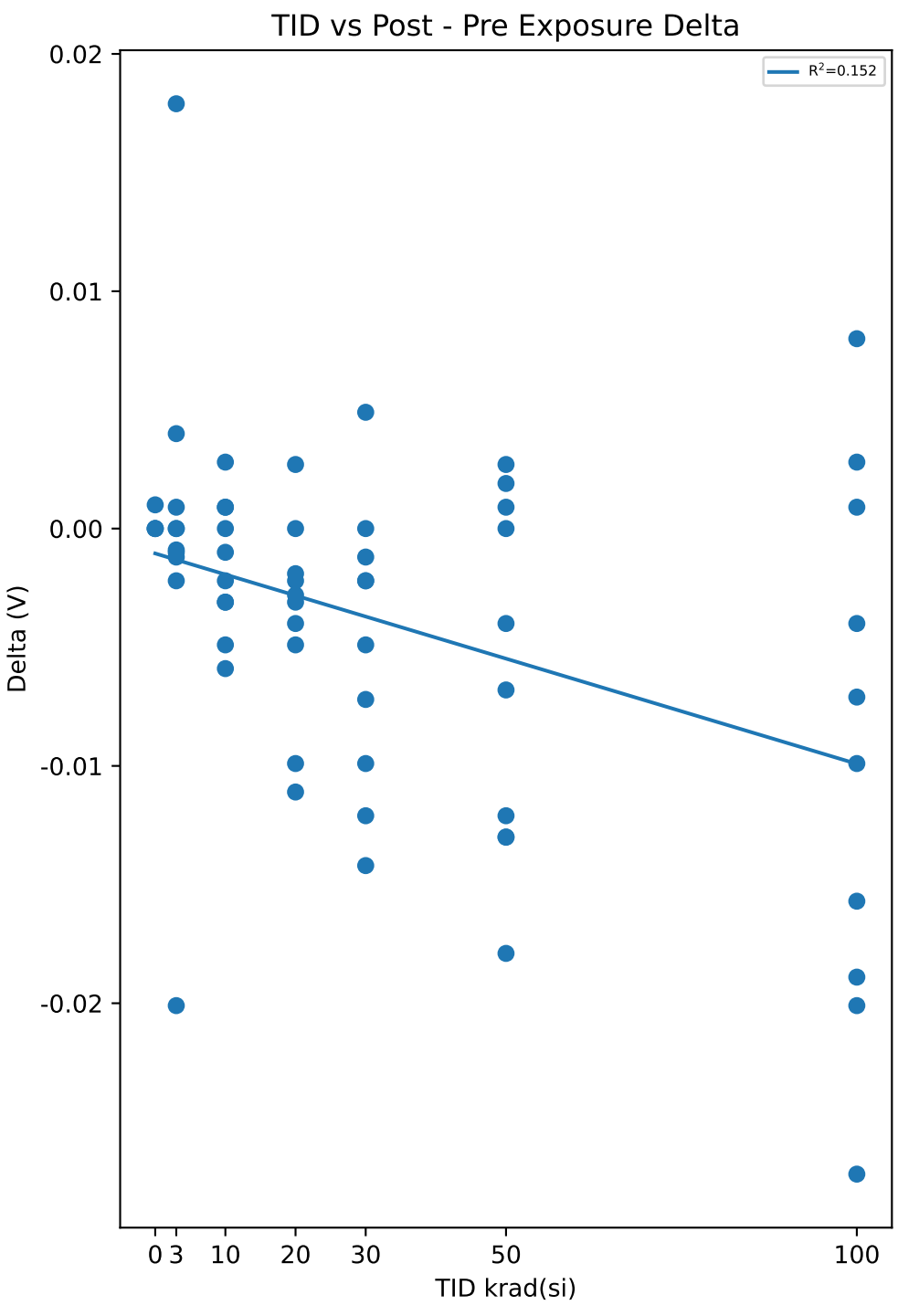


Test Statistics (V)

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	3.5745	3.5828	3.5931	0.0076904	3.5745	3.5835	3.5937	0.007897	0	0.00075	0.0017	0.00070475
3	3.573	3.5888	3.5986	0.0083867	3.5746	3.5885	3.5976	0.0079011	-0.0022	-0.00034	0.0016	0.00107
10	3.573	3.5888	3.5986	0.0083867	3.5756	3.5887	3.5984	0.0078662	-0.0024	-0.00017	0.0026	0.0012623
20	3.573	3.5888	3.5986	0.0083867	3.5749	3.5879	3.598	0.0080016	-0.0068	-0.0009	0.0019	0.0026537
30	3.573	3.5888	3.5986	0.0083867	3.5742	3.5882	3.5998	0.0094516	-0.0087	-0.00067	0.004	0.0037196
50	3.573	3.5888	3.5986	0.0083867	3.5741	3.587	3.601	0.010586	-0.0144	-0.00185	0.0039	0.0052943
100	3.573	3.5888	3.5986	0.0083867	3.5766	3.5879	3.6038	0.0090751	-0.0145	-0.00093	0.0052	0.0061936

Device Test: 17.19 UVLO|PVIN_RISE/PVIN/4.5/4.5/0/1000/4.5/1MHz//@PVIN_UVLO_RISE





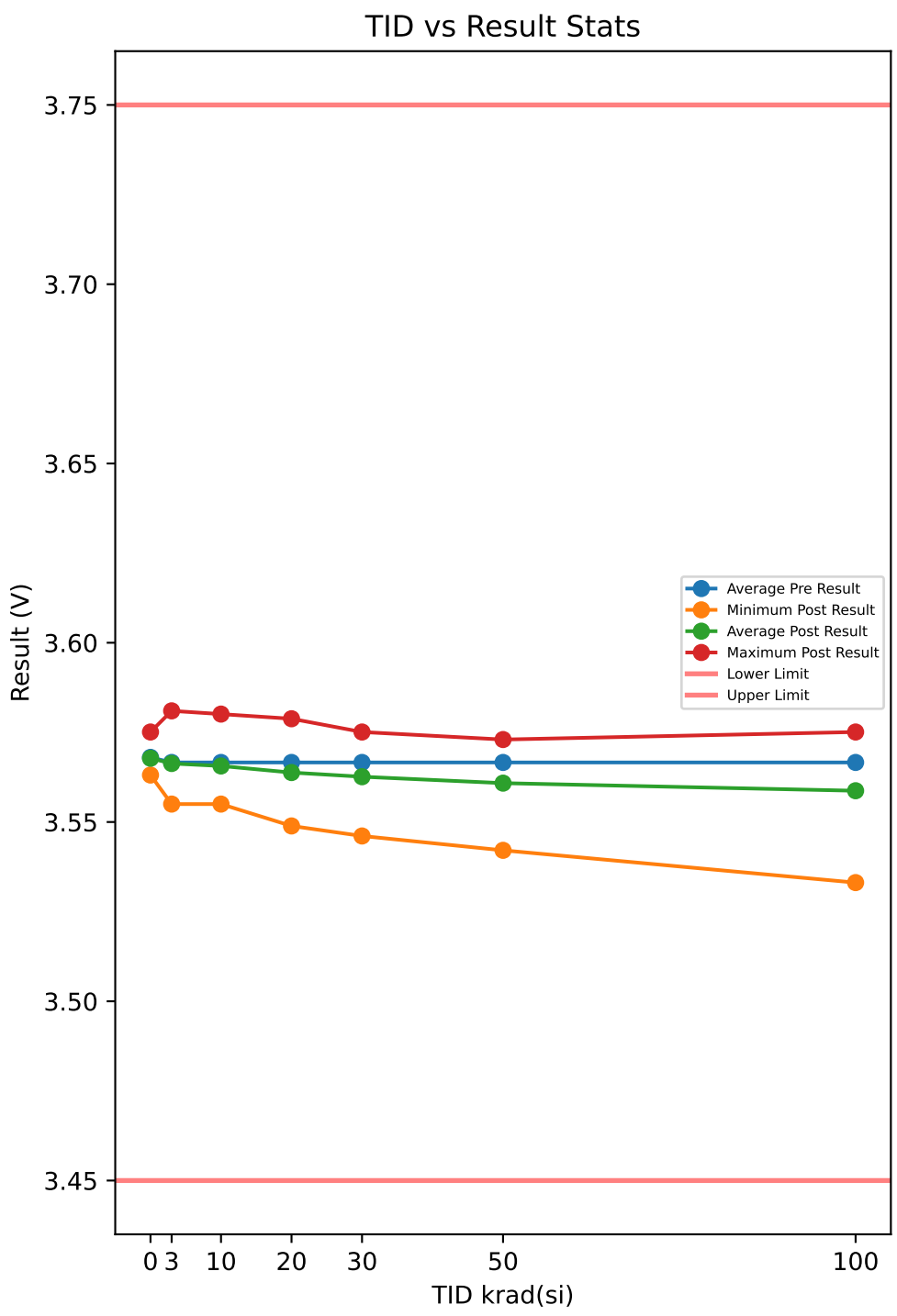
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7569	3.7578	0.0009
2	3	LDR BIAS	3.777	3.7569	-0.0201
3	3	LDR BIAS	3.7591	3.777	0.0179
4	3	LDR BIAS	3.7699	3.769	-0.0009
5	3	LDR BIAS	3.782	3.782	0
6	3	LDR UNBIAS	3.7711	3.7699	-0.0012
7	3	LDR UNBIAS	3.769	3.769	0
8	3	LDR UNBIAS	3.7551	3.7541	-0.001
9	3	LDR UNBIAS	3.7551	3.7591	0.004
10	3	LDR UNBIAS	3.7761	3.7739	-0.0022
11	0	CORRELATION	3.7619	3.7619	0
12	0	CORRELATION	3.7711	3.7711	0
13	0	CORRELATION	3.7748	3.7748	0
14	0	CORRELATION	3.764	3.765	0.001
21	10	LDR BIAS	3.7569	3.7578	0.0009
22	10	LDR BIAS	3.777	3.7721	-0.0049
23	10	LDR BIAS	3.7591	3.76	0.0009
24	10	LDR BIAS	3.7699	3.764	-0.0059
25	10	LDR BIAS	3.782	3.781	-0.001
26	10	LDR UNBIAS	3.7711	3.7739	0.0028
27	10	LDR UNBIAS	3.769	3.7659	-0.0031
28	10	LDR UNBIAS	3.7551	3.7529	-0.0022
29	10	LDR UNBIAS	3.7551	3.7551	0
30	10	LDR UNBIAS	3.7761	3.773	-0.0031
31	20	LDR BIAS	3.7569	3.7541	-0.0028
32	20	LDR BIAS	3.777	3.7721	-0.0049
33	20	LDR BIAS	3.7591	3.748	-0.0111
34	20	LDR BIAS	3.7699	3.76	-0.0099
35	20	LDR BIAS	3.782	3.7789	-0.0031
36	20	LDR UNBIAS	3.7711	3.7711	0
37	20	LDR UNBIAS	3.769	3.7671	-0.0019
38	20	LDR UNBIAS	3.7551	3.7529	-0.0022
39	20	LDR UNBIAS	3.7551	3.7578	0.0027
40	20	LDR UNBIAS	3.7761	3.7721	-0.004
41	30	LDR BIAS	3.7569	3.752	-0.0049
42	30	LDR BIAS	3.777	3.7671	-0.0099
43	30	LDR BIAS	3.7591	3.7449	-0.0142
44	30	LDR BIAS	3.7699	3.7578	-0.0121
45	30	LDR BIAS	3.782	3.7748	-0.0072
46	30	LDR UNBIAS	3.7711	3.7699	-0.0012
47	30	LDR UNBIAS	3.769	3.769	0
48	30	LDR UNBIAS	3.7551	3.7529	-0.0022
49	30	LDR UNBIAS	3.7551	3.76	0.0049
50	30	LDR UNBIAS	3.7761	3.7739	-0.0022
51	50	LDR BIAS	3.7569	3.7501	-0.0068
52	50	LDR BIAS	3.777	3.764	-0.013
53	50	LDR BIAS	3.7591	3.7412	-0.0179
54	50	LDR BIAS	3.7699	3.7569	-0.013
55	50	LDR BIAS	3.782	3.7699	-0.0121
56	50	LDR UNBIAS	3.7711	3.773	0.0019
57	50	LDR UNBIAS	3.769	3.769	0
58	50	LDR UNBIAS	3.7551	3.756	0.0009
59	50	LDR UNBIAS	3.7551	3.7578	0.0027
60	50	LDR UNBIAS	3.7761	3.7721	-0.004
61	100	LDR BIAS	3.7569	3.7412	-0.0157
62	100	LDR BIAS	3.777	3.7569	-0.0201
63	100	LDR BIAS	3.7591	3.7319	-0.0272
64	100	LDR BIAS	3.7699	3.76	-0.0099
65	100	LDR BIAS	3.782	3.7631	-0.0189
66	100	LDR UNBIAS	3.7711	3.7739	0.0028
67	100	LDR UNBIAS	3.769	3.7619	-0.0071
68	100	LDR UNBIAS	3.7551	3.756	0.0009
69	100	LDR UNBIAS	3.7551	3.7631	0.008
70	100	LDR UNBIAS	3.7761	3.7721	-0.004

Test Statistics (V)

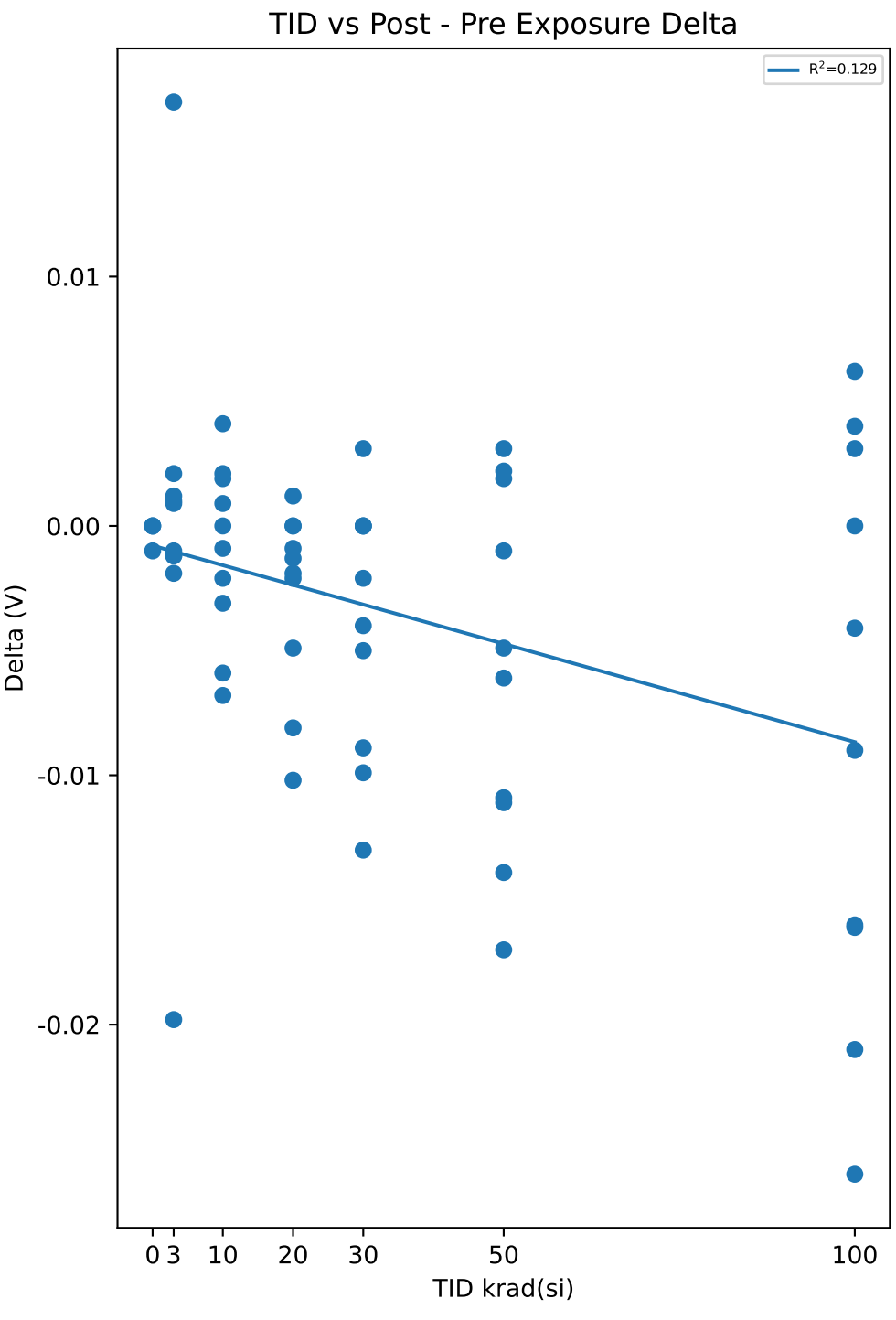
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7619	3.7679	3.7748	0.0060291	3.7619	3.7682	3.7748	0.0058281	0	0.00025	0.001	0.0005
3	3.7551	3.7671	3.782	0.0099135	3.7541	3.7669	3.782	0.0094535	-0.0201	-0.00026	0.0179	0.0091205
10	3.7551	3.7671	3.782	0.0099135	3.7529	3.7656	3.781	0.0092463	-0.0059	-0.00156	0.0028	0.002769
20	3.7551	3.7671	3.782	0.0099135	3.748	3.7634	3.7789	0.010228	-0.0111	-0.00372	0.0027	0.0041638
30	3.7551	3.7671	3.782	0.0099135	3.7449	3.7622	3.7748	0.010215	-0.0142	-0.0049	0.0049	0.0059343
50	3.7551	3.7671	3.782	0.0099135	3.7412	3.761	3.773	0.010447	-0.0179	-0.00613	0.0027	0.0074759
100	3.7551	3.7671	3.782	0.0099135	3.7319	3.758	3.7739	0.012873	-0.0272	-0.00912	0.008	0.011318

Device Test: 17.2 UVLO|PVIN_FALL/PVIN/4.5/4.5/0/1000/4.5/100kHz//@PVIN_UVLO_FALL



Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

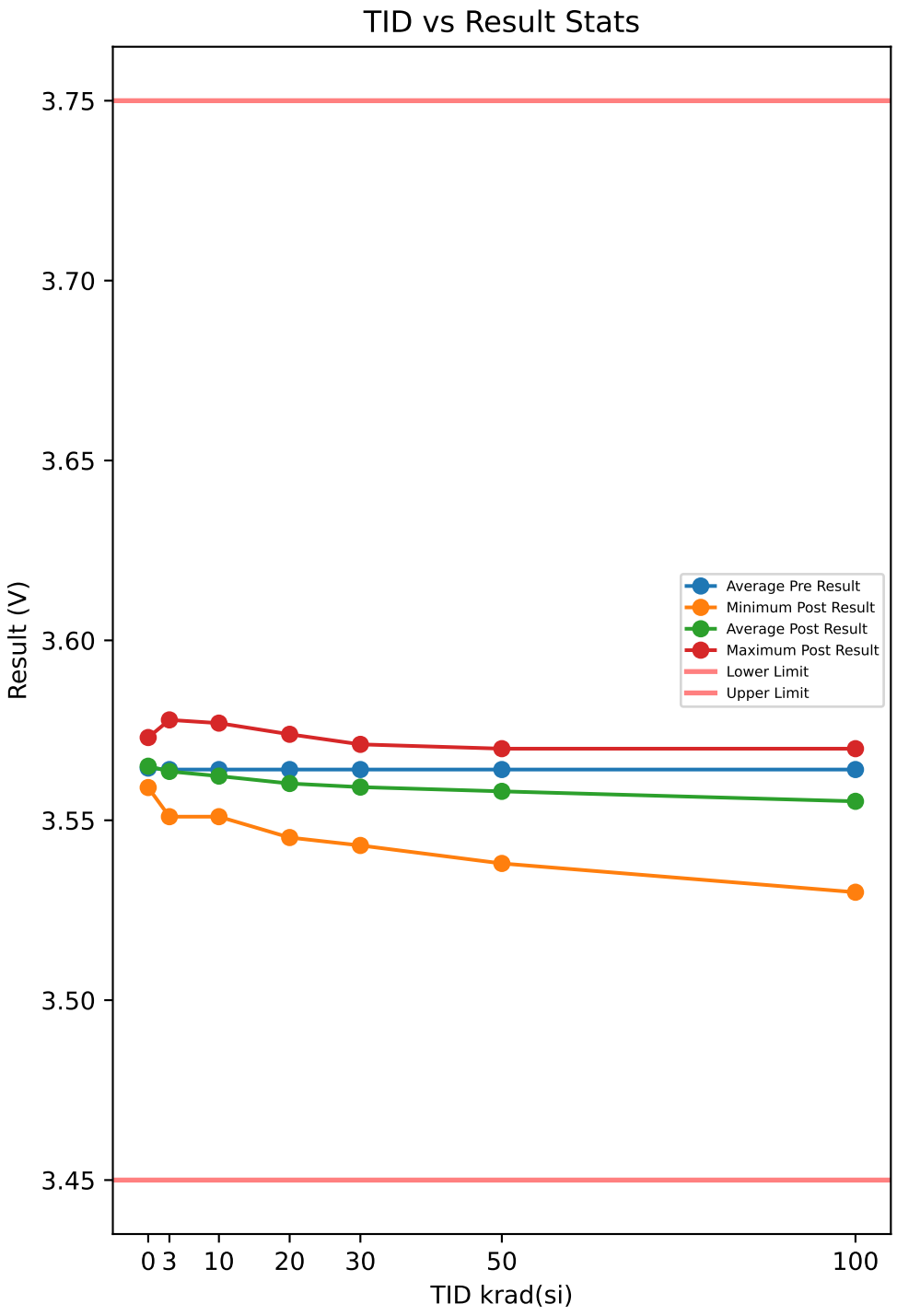
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.555	3.556	0.001
2	3	LDR BIAS	3.5779	3.5581	-0.0198
3	3	LDR BIAS	3.5591	3.5761	0.017
4	3	LDR BIAS	3.569	3.568	-0.001
5	3	LDR BIAS	3.5801	3.581	0.0009
6	3	LDR UNBIAS	3.5711	3.5699	-0.0012
7	3	LDR UNBIAS	3.569	3.5671	-0.0019
8	3	LDR UNBIAS	3.5529	3.555	0.0021
9	3	LDR UNBIAS	3.5569	3.5581	0.0012
10	3	LDR UNBIAS	3.5751	3.5739	-0.0012
11	0	CORRELATION	3.5631	3.5631	0
12	0	CORRELATION	3.569	3.568	-0.001
13	0	CORRELATION	3.5751	3.5751	0
14	0	CORRELATION	3.5649	3.5649	0
21	10	LDR BIAS	3.555	3.5591	0.0041
22	10	LDR BIAS	3.5779	3.5711	-0.0068
23	10	LDR BIAS	3.5591	3.56	0.0009
24	10	LDR BIAS	3.569	3.5631	-0.0059
25	10	LDR BIAS	3.5801	3.5801	0
26	10	LDR UNBIAS	3.5711	3.573	0.0019
27	10	LDR UNBIAS	3.569	3.5659	-0.0031
28	10	LDR UNBIAS	3.5529	3.555	0.0021
29	10	LDR UNBIAS	3.5569	3.556	-0.0009
30	10	LDR UNBIAS	3.5751	3.573	-0.0021
31	20	LDR BIAS	3.555	3.555	0
32	20	LDR BIAS	3.5779	3.573	-0.0049
33	20	LDR BIAS	3.5591	3.5489	-0.0102
34	20	LDR BIAS	3.569	3.5609	-0.0081
35	20	LDR BIAS	3.5801	3.5788	-0.0013
36	20	LDR UNBIAS	3.5711	3.5711	0
37	20	LDR UNBIAS	3.569	3.5671	-0.0019
38	20	LDR UNBIAS	3.5529	3.5541	0.0012
39	20	LDR UNBIAS	3.5569	3.556	-0.0009
40	20	LDR UNBIAS	3.5751	3.573	-0.0021
41	30	LDR BIAS	3.555	3.555	0
42	30	LDR BIAS	3.5779	3.569	-0.0089
43	30	LDR BIAS	3.5591	3.5461	-0.013
44	30	LDR BIAS	3.569	3.5591	-0.0099
45	30	LDR BIAS	3.5801	3.5751	-0.005
46	30	LDR UNBIAS	3.5711	3.5671	-0.004
47	30	LDR UNBIAS	3.569	3.569	0
48	30	LDR UNBIAS	3.5529	3.5529	0
49	30	LDR UNBIAS	3.5569	3.56	0.0031
50	30	LDR UNBIAS	3.5751	3.573	-0.0021
51	50	LDR BIAS	3.555	3.5501	-0.0049
52	50	LDR BIAS	3.5779	3.564	-0.0139
53	50	LDR BIAS	3.5591	3.5421	-0.017
54	50	LDR BIAS	3.569	3.5581	-0.0109
55	50	LDR BIAS	3.5801	3.569	-0.0111
56	50	LDR UNBIAS	3.5711	3.573	0.0019
57	50	LDR UNBIAS	3.569	3.568	-0.001
58	50	LDR UNBIAS	3.5529	3.556	0.0031
59	50	LDR UNBIAS	3.5569	3.5591	0.0022
60	50	LDR UNBIAS	3.5751	3.569	-0.0061
61	100	LDR BIAS	3.555	3.539	-0.016
62	100	LDR BIAS	3.5779	3.5569	-0.021
63	100	LDR BIAS	3.5591	3.5331	-0.026
64	100	LDR BIAS	3.569	3.56	-0.009
65	100	LDR BIAS	3.5801	3.564	-0.0161
66	100	LDR UNBIAS	3.5711	3.5751	0.004
67	100	LDR UNBIAS	3.569	3.5649	-0.0041
68	100	LDR UNBIAS	3.5529	3.556	0.0031
69	100	LDR UNBIAS	3.5569	3.5631	0.0062
70	100	LDR UNBIAS	3.5751	3.5751	0



Test Statistics (V)

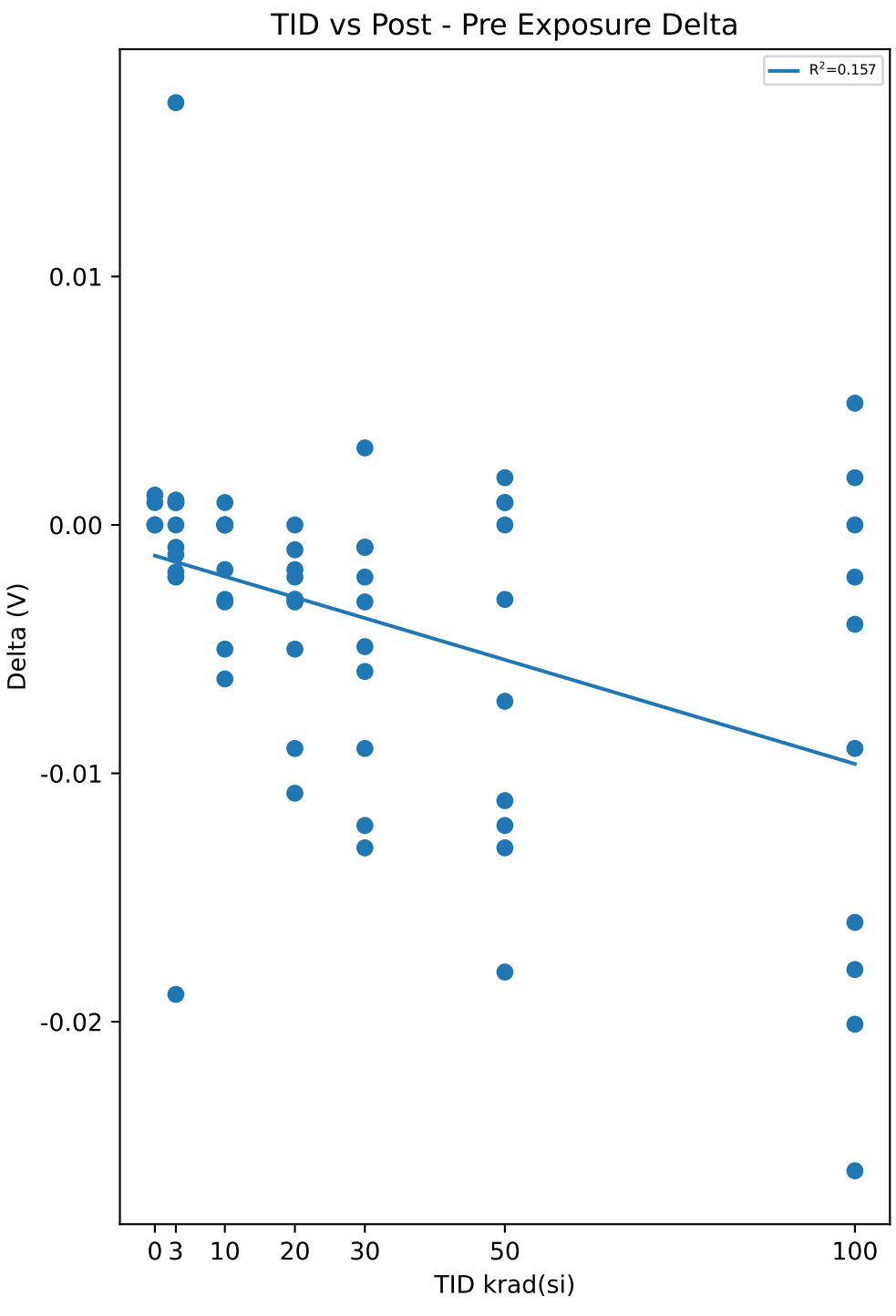
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5631	3.568	3.5751	0.0053238	3.5631	3.5678	3.5751	0.0052861	-0.001	-0.00025	0	0.0005
3	3.5529	3.5666	3.5801	0.009925	3.555	3.5663	3.581	0.0091569	-0.0198	-0.00029	0.017	0.0087898
10	3.5529	3.5666	3.5801	0.009925	3.555	3.5656	3.5801	0.0083963	-0.0068	-0.00098	0.0041	0.0035263
20	3.5529	3.5666	3.5801	0.009925	3.5489	3.5638	3.5788	0.010117	-0.0102	-0.00282	0.0012	0.0037431
30	3.5529	3.5666	3.5801	0.009925	3.5461	3.5626	3.5751	0.009485	-0.013	-0.00398	0.0031	0.0051944
50	3.5529	3.5666	3.5801	0.009925	3.5421	3.5608	3.573	0.0096769	-0.017	-0.00577	0.0031	0.0072386
100	3.5529	3.5666	3.5801	0.009925	3.5331	3.5587	3.5751	0.01366	-0.026	-0.00789	0.0062	0.011409

Device Test: 17.20 UVLO|PVIN_FALL/PVIN/4.5/4.5/0/1000/4.5/1MHz//@PVIN_UVLO_FALL



Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

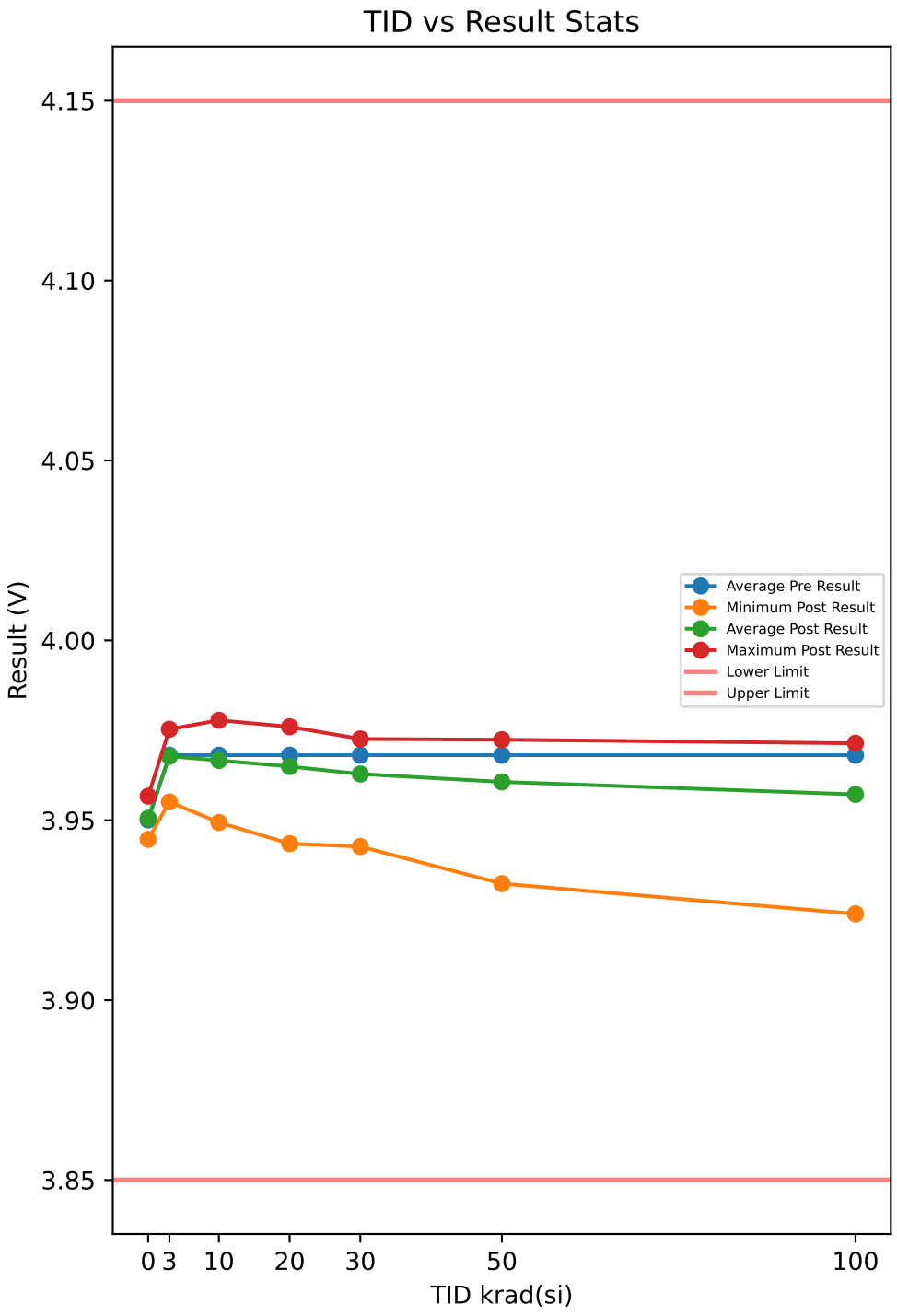
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.555	3.556	0.001
2	3	LDR BIAS	3.573	3.5541	-0.0189
3	3	LDR BIAS	3.556	3.573	0.017
4	3	LDR BIAS	3.5671	3.5659	-0.0012
5	3	LDR BIAS	3.577	3.5779	0.0009
6	3	LDR UNBIAS	3.569	3.5671	-0.0019
7	3	LDR UNBIAS	3.5649	3.564	-0.0009
8	3	LDR UNBIAS	3.551	3.551	0
9	3	LDR UNBIAS	3.556	3.5569	0.0009
10	3	LDR UNBIAS	3.572	3.5699	-0.0021
11	0	CORRELATION	3.5591	3.5591	0
12	0	CORRELATION	3.5659	3.5671	0.0012
13	0	CORRELATION	3.573	3.573	0
14	0	CORRELATION	3.56	3.5609	0.0009
21	10	LDR BIAS	3.555	3.555	0
22	10	LDR BIAS	3.573	3.568	-0.005
23	10	LDR BIAS	3.556	3.556	0
24	10	LDR BIAS	3.5671	3.5609	-0.0062
25	10	LDR BIAS	3.577	3.577	0
26	10	LDR UNBIAS	3.569	3.5699	0.0009
27	10	LDR UNBIAS	3.5649	3.5631	-0.0018
28	10	LDR UNBIAS	3.551	3.551	0
29	10	LDR UNBIAS	3.556	3.5529	-0.0031
30	10	LDR UNBIAS	3.572	3.569	-0.003
31	20	LDR BIAS	3.555	3.552	-0.003
32	20	LDR BIAS	3.573	3.568	-0.005
33	20	LDR BIAS	3.556	3.5452	-0.0108
34	20	LDR BIAS	3.5671	3.5581	-0.009
35	20	LDR BIAS	3.577	3.5739	-0.0031
36	20	LDR UNBIAS	3.569	3.568	-0.001
37	20	LDR UNBIAS	3.5649	3.5631	-0.0018
38	20	LDR UNBIAS	3.551	3.5489	-0.0021
39	20	LDR UNBIAS	3.556	3.556	0
40	20	LDR UNBIAS	3.572	3.569	-0.003
41	30	LDR BIAS	3.555	3.5501	-0.0049
42	30	LDR BIAS	3.573	3.564	-0.009
43	30	LDR BIAS	3.556	3.543	-0.013
44	30	LDR BIAS	3.5671	3.555	-0.0121
45	30	LDR BIAS	3.577	3.5711	-0.0059
46	30	LDR UNBIAS	3.569	3.5659	-0.0031
47	30	LDR UNBIAS	3.5649	3.564	-0.0009
48	30	LDR UNBIAS	3.551	3.5501	-0.0009
49	30	LDR UNBIAS	3.556	3.5591	0.0031
50	30	LDR UNBIAS	3.572	3.5699	-0.0021
51	50	LDR BIAS	3.555	3.5479	-0.0071
52	50	LDR BIAS	3.573	3.56	-0.013
53	50	LDR BIAS	3.556	3.538	-0.018
54	50	LDR BIAS	3.5671	3.555	-0.0121
55	50	LDR BIAS	3.577	3.5659	-0.0111
56	50	LDR UNBIAS	3.569	3.5699	0.0009
57	50	LDR UNBIAS	3.5649	3.5649	0
58	50	LDR UNBIAS	3.551	3.5529	0.0019
59	50	LDR UNBIAS	3.556	3.5569	0.0009
60	50	LDR UNBIAS	3.572	3.569	-0.003
61	100	LDR BIAS	3.555	3.539	-0.016
62	100	LDR BIAS	3.573	3.5529	-0.0201
63	100	LDR BIAS	3.556	3.53	-0.026
64	100	LDR BIAS	3.5671	3.5581	-0.009
65	100	LDR BIAS	3.577	3.5591	-0.0179
66	100	LDR UNBIAS	3.569	3.569	0
67	100	LDR UNBIAS	3.5649	3.5609	-0.004
68	100	LDR UNBIAS	3.551	3.5529	0.0019
69	100	LDR UNBIAS	3.556	3.5609	0.0049
70	100	LDR UNBIAS	3.572	3.5699	-0.0021

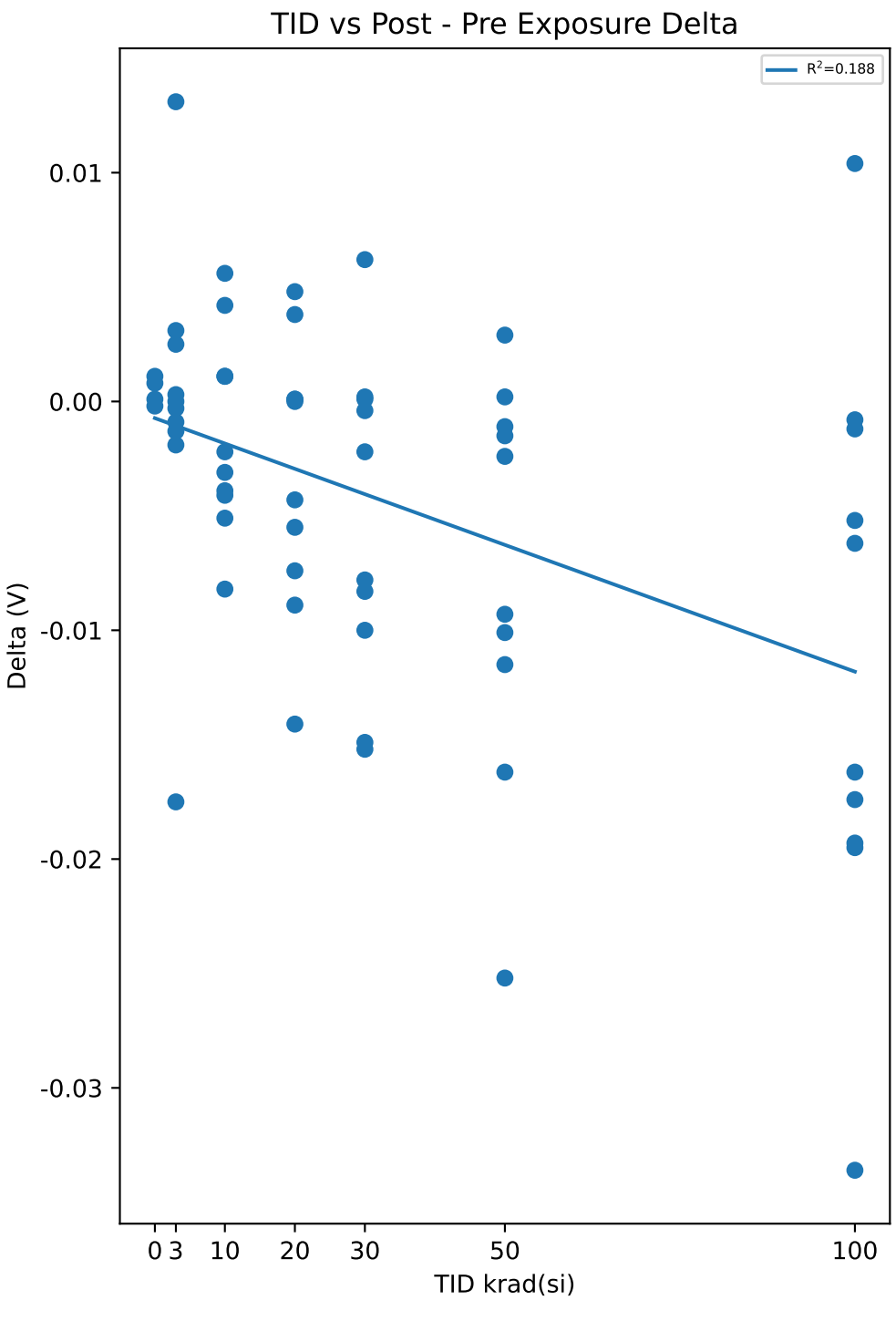


Test Statistics (V)

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	3.5591	3.5645	3.573	0.0064192	3.5591	3.565	3.573	0.0063253	0	0.000525	0.0012	0.00061847
3	3.551	3.5641	3.577	0.0089896	3.551	3.5636	3.5779	0.0088311	-0.0189	-0.00052	0.017	0.0085401
10	3.551	3.5641	3.577	0.0089896	3.551	3.5623	3.577	0.008582	-0.0062	-0.00182	0.0009	0.0024262
20	3.551	3.5641	3.577	0.0089896	3.5452	3.5602	3.5739	0.0096448	-0.0108	-0.00388	0	0.0034698
30	3.551	3.5641	3.577	0.0089896	3.543	3.5592	3.5711	0.0093854	-0.013	-0.00488	0.0031	0.005189
50	3.551	3.5641	3.577	0.0089896	3.538	3.558	3.5699	0.010082	-0.018	-0.00606	0.0019	0.0071494
100	3.551	3.5641	3.577	0.0089896	3.53	3.5553	3.5699	0.012486	-0.026	-0.00883	0.0049	0.010571

Device Test: 17.22 UVLO|VIN_RISE/VIN/4.5/4.5/0/1000/4.5/1MHz//@VIN_UVLO_RISE





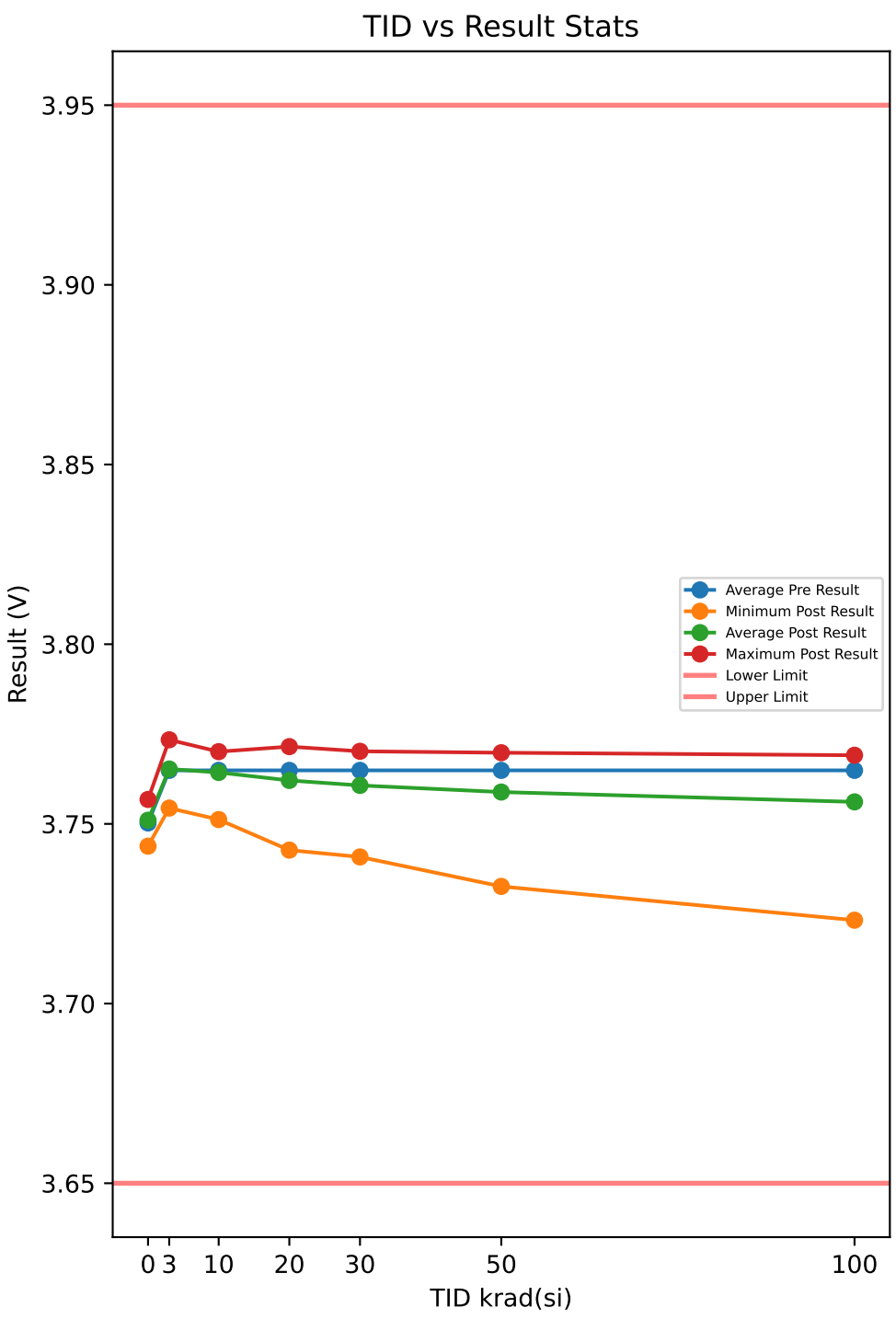
Test Results (Lower Limit = 3.85, Upper Limit = 4.15 (V))

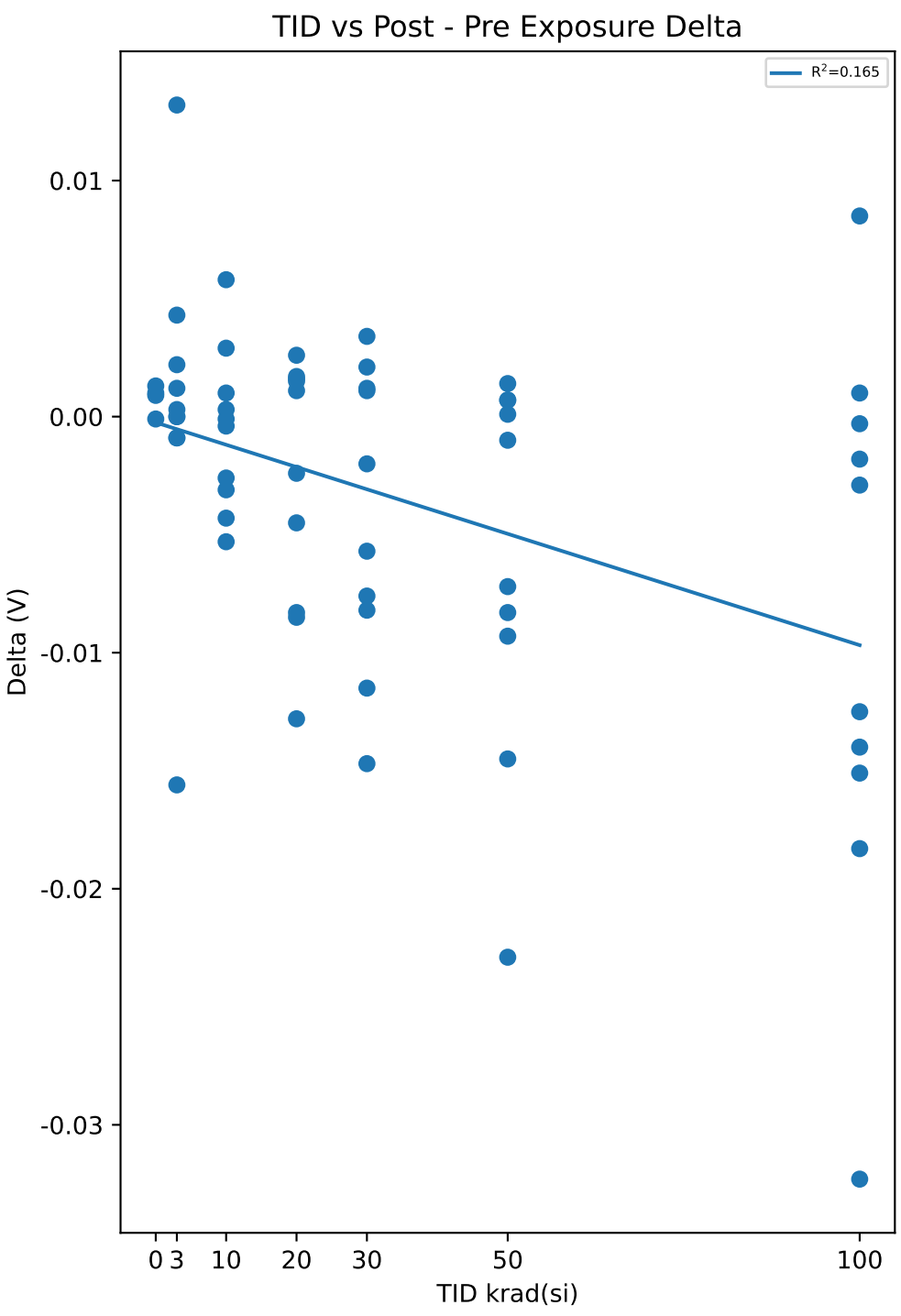
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.9617	3.9604	-0.0013
2	3	LDR BIAS	3.9726	3.9551	-0.0175
3	3	LDR BIAS	3.9576	3.9707	0.0131
4	3	LDR BIAS	3.9756	3.9737	-0.0019
5	3	LDR BIAS	3.9726	3.9726	0
6	3	LDR UNBIAS	3.9748	3.9739	-0.0009
7	3	LDR UNBIAS	3.9707	3.9704	-0.0003
8	3	LDR UNBIAS	3.9722	3.9753	0.0031
9	3	LDR UNBIAS	3.9639	3.9642	0.0003
10	3	LDR UNBIAS	3.9592	3.9617	0.0025
11	0	CORRELATION	3.9529	3.954	0.0011
12	0	CORRELATION	3.9566	3.9567	0.0001
13	0	CORRELATION	3.947	3.9468	-0.0002
14	0	CORRELATION	3.9439	3.9447	0.0008
21	10	LDR BIAS	3.9617	3.9576	-0.0041
22	10	LDR BIAS	3.9726	3.9675	-0.0051
23	10	LDR BIAS	3.9576	3.9494	-0.0082
24	10	LDR BIAS	3.9756	3.9725	-0.0031
25	10	LDR BIAS	3.9726	3.9687	-0.0039
26	10	LDR UNBIAS	3.9748	3.9759	0.0011
27	10	LDR UNBIAS	3.9707	3.9685	-0.0022
28	10	LDR UNBIAS	3.9722	3.9778	0.0056
29	10	LDR UNBIAS	3.9639	3.965	0.0011
30	10	LDR UNBIAS	3.9592	3.9634	0.0042
31	20	LDR BIAS	3.9617	3.9543	-0.0074
32	20	LDR BIAS	3.9726	3.9637	-0.0089
33	20	LDR BIAS	3.9576	3.9435	-0.0141
34	20	LDR BIAS	3.9756	3.9713	-0.0043
35	20	LDR BIAS	3.9726	3.9671	-0.0055
36	20	LDR UNBIAS	3.9748	3.9749	0.0001
37	20	LDR UNBIAS	3.9707	3.9707	0
38	20	LDR UNBIAS	3.9722	3.976	0.0038
39	20	LDR UNBIAS	3.9639	3.964	0.0001
40	20	LDR UNBIAS	3.9592	3.964	0.0048
41	30	LDR BIAS	3.9617	3.9465	-0.0152
42	30	LDR BIAS	3.9726	3.9626	-0.01
43	30	LDR BIAS	3.9576	3.9427	-0.0149
44	30	LDR BIAS	3.9756	3.9678	-0.0078
45	30	LDR BIAS	3.9726	3.9643	-0.0083
46	30	LDR UNBIAS	3.9748	3.9726	-0.0022
47	30	LDR UNBIAS	3.9707	3.9709	0.0002
48	30	LDR UNBIAS	3.9722	3.9718	-0.0004
49	30	LDR UNBIAS	3.9639	3.964	0.0001
50	30	LDR UNBIAS	3.9592	3.9654	0.0062
51	50	LDR BIAS	3.9617	3.9455	-0.0162
52	50	LDR BIAS	3.9726	3.9611	-0.0115
53	50	LDR BIAS	3.9576	3.9324	-0.0252
54	50	LDR BIAS	3.9756	3.9655	-0.0101
55	50	LDR BIAS	3.9726	3.9633	-0.0093
56	50	LDR UNBIAS	3.9748	3.9724	-0.0024
57	50	LDR UNBIAS	3.9707	3.9696	-0.0011
58	50	LDR UNBIAS	3.9722	3.9724	0.0002
59	50	LDR UNBIAS	3.9639	3.9624	-0.0015
60	50	LDR UNBIAS	3.9592	3.9621	0.0029
61	100	LDR BIAS	3.9617	3.9424	-0.0193
62	100	LDR BIAS	3.9726	3.9552	-0.0174
63	100	LDR BIAS	3.9576	3.924	-0.0336
64	100	LDR BIAS	3.9756	3.9561	-0.0195
65	100	LDR BIAS	3.9726	3.9564	-0.0162
66	100	LDR UNBIAS	3.9748	3.9686	-0.0062
67	100	LDR UNBIAS	3.9707	3.9655	-0.0052
68	100	LDR UNBIAS	3.9722	3.9714	-0.0008
69	100	LDR UNBIAS	3.9639	3.9627	-0.0012
70	100	LDR UNBIAS	3.9592	3.9696	0.0104

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	3.9439	3.9501	3.9566	0.0057196	3.9447	3.9506	3.9567	0.0057158	-0.0002	0.00045	0.0011	0.00060277
3	3.9576	3.9681	3.9756	0.0067763	3.9551	3.9678	3.9753	0.0069338	-0.0175	-0.00029	0.0131	0.0074474
10	3.9576	3.9681	3.9756	0.0067763	3.9494	3.9666	3.9778	0.0084669	-0.0082	-0.00146	0.0056	0.0043439
20	3.9576	3.9681	3.9756	0.0067763	3.9435	3.9649	3.976	0.0098658	-0.0141	-0.00314	0.0048	0.0059668
30	3.9576	3.9681	3.9756	0.0067763	3.9427	3.9629	3.9726	0.010262	-0.0152	-0.00523	0.0062	0.0070926
50	3.9576	3.9681	3.9756	0.0067763	3.9324	3.9607	3.9724	0.01256	-0.0252	-0.00742	0.0029	0.0087263
100	3.9576	3.9681	3.9756	0.0067763	3.924	3.9572	3.9714	0.014574	-0.0336	-0.0109	0.0104	0.012625

Device Test: 17.23 UVLO|VIN_FALL/VIN/4.5/4.5/0/1000/4.5/1MHz//@VIN_UVLO_FALL





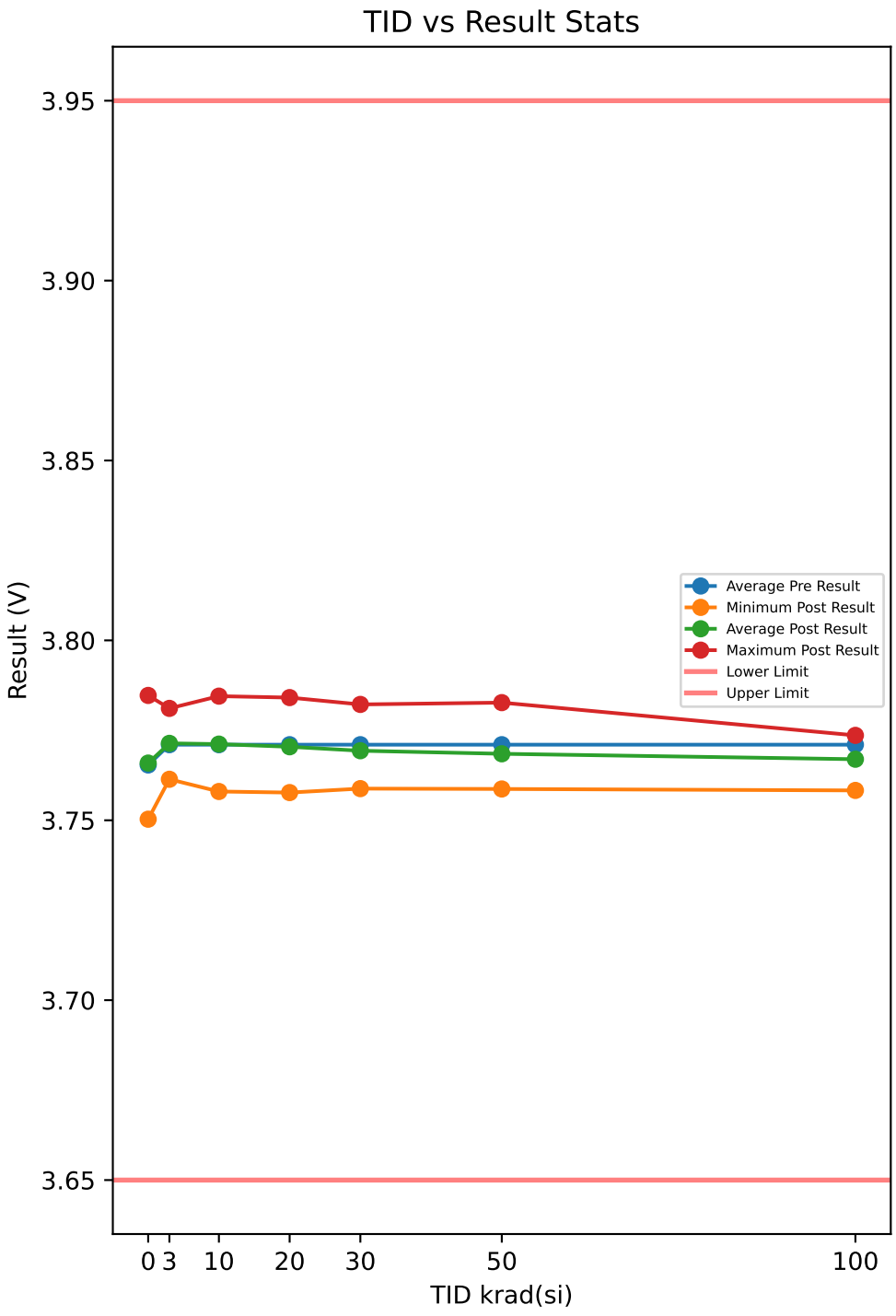
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7602	3.7593	-0.0009
2	3	LDR BIAS	3.77	3.7544	-0.0156
3	3	LDR BIAS	3.7555	3.7687	0.0132
4	3	LDR BIAS	3.767	3.7661	-0.0009
5	3	LDR BIAS	3.7715	3.7715	0
6	3	LDR UNBIAS	3.7691	3.7734	0.0043
7	3	LDR UNBIAS	3.7665	3.7677	0.0012
8	3	LDR UNBIAS	3.7698	3.7698	0
9	3	LDR UNBIAS	3.7587	3.759	0.0003
10	3	LDR UNBIAS	3.7606	3.7628	0.0022
11	0	CORRELATION	3.7537	3.7546	0.0009
12	0	CORRELATION	3.7555	3.7568	0.0013
13	0	CORRELATION	3.749	3.7489	-0.0001
14	0	CORRELATION	3.7428	3.7438	0.001
21	10	LDR BIAS	3.7602	3.7549	-0.0053
22	10	LDR BIAS	3.77	3.7669	-0.0031
23	10	LDR BIAS	3.7555	3.7512	-0.0043
24	10	LDR BIAS	3.767	3.7669	-0.0001
25	10	LDR BIAS	3.7715	3.7689	-0.0026
26	10	LDR UNBIAS	3.7691	3.7701	0.001
27	10	LDR UNBIAS	3.7665	3.7668	0.0003
28	10	LDR UNBIAS	3.7698	3.7694	-0.0004
29	10	LDR UNBIAS	3.7587	3.7645	0.0058
30	10	LDR UNBIAS	3.7606	3.7635	0.0029
31	20	LDR BIAS	3.7602	3.7517	-0.0085
32	20	LDR BIAS	3.77	3.7617	-0.0083
33	20	LDR BIAS	3.7555	3.7427	-0.0128
34	20	LDR BIAS	3.767	3.7646	-0.0024
35	20	LDR BIAS	3.7715	3.767	-0.0045
36	20	LDR UNBIAS	3.7691	3.7707	0.0016
37	20	LDR UNBIAS	3.7665	3.768	0.0015
38	20	LDR UNBIAS	3.7698	3.7715	0.0017
39	20	LDR UNBIAS	3.7587	3.7598	0.0011
40	20	LDR UNBIAS	3.7606	3.7632	0.0026
41	30	LDR BIAS	3.7602	3.7487	-0.0115
42	30	LDR BIAS	3.77	3.7618	-0.0082
43	30	LDR BIAS	3.7555	3.7408	-0.0147
44	30	LDR BIAS	3.767	3.7613	-0.0057
45	30	LDR BIAS	3.7715	3.7639	-0.0076
46	30	LDR UNBIAS	3.7691	3.7702	0.0011
47	30	LDR UNBIAS	3.7665	3.7686	0.0021
48	30	LDR UNBIAS	3.7698	3.7678	-0.002
49	30	LDR UNBIAS	3.7587	3.7599	0.0012
50	30	LDR UNBIAS	3.7606	3.764	0.0034
51	50	LDR BIAS	3.7602	3.7457	-0.0145
52	50	LDR BIAS	3.77	3.7607	-0.0093
53	50	LDR BIAS	3.7555	3.7326	-0.0229
54	50	LDR BIAS	3.767	3.7598	-0.0072
55	50	LDR BIAS	3.7715	3.7632	-0.0083
56	50	LDR UNBIAS	3.7691	3.7698	0.0007
57	50	LDR UNBIAS	3.7665	3.7679	0.0014
58	50	LDR UNBIAS	3.7698	3.7688	-0.001
59	50	LDR UNBIAS	3.7587	3.7588	0.0001
60	50	LDR UNBIAS	3.7606	3.7613	0.0007
61	100	LDR BIAS	3.7602	3.7419	-0.0183
62	100	LDR BIAS	3.77	3.7575	-0.0125
63	100	LDR BIAS	3.7555	3.7232	-0.0323
64	100	LDR BIAS	3.767	3.7519	-0.0151
65	100	LDR BIAS	3.7715	3.7575	-0.014
66	100	LDR UNBIAS	3.7691	3.7688	-0.0003
67	100	LDR UNBIAS	3.7665	3.7647	-0.0018
68	100	LDR UNBIAS	3.7698	3.7669	-0.0029
69	100	LDR UNBIAS	3.7587	3.7597	0.001
70	100	LDR UNBIAS	3.7606	3.7691	0.0085

Test Statistics (V)

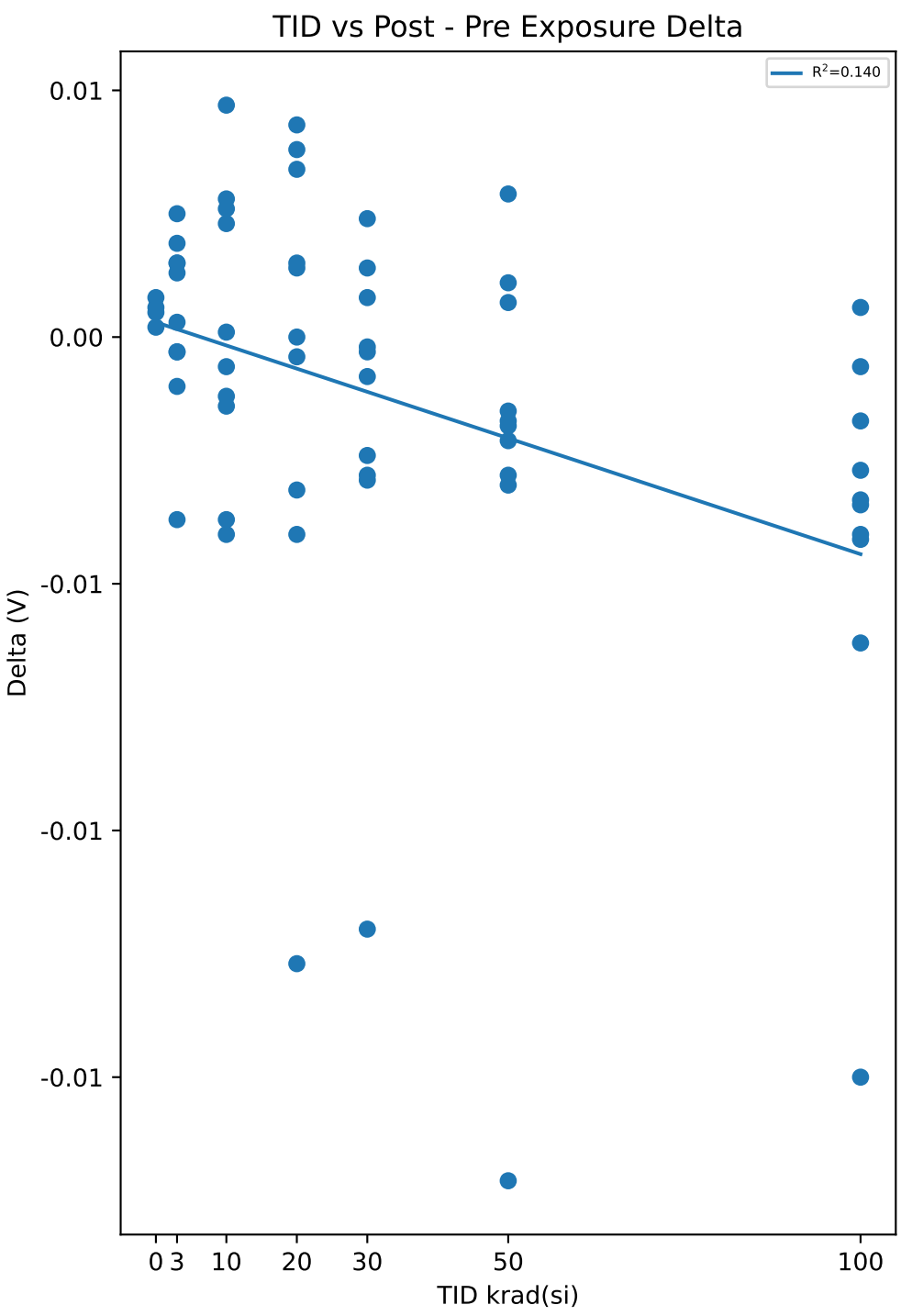
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7428	3.7502	3.7555	0.0056724	3.7438	3.751	3.7568	0.0058551	-0.0001	0.000775	0.0013	0.00060759
3	3.7555	3.7649	3.7715	0.0056329	3.7544	3.7653	3.7734	0.0061734	-0.0156	0.00038	0.0132	0.007013
10	3.7555	3.7649	3.7715	0.0056329	3.7512	3.7643	3.7701	0.0063353	-0.0053	-0.00058	0.0058	0.0033813
20	3.7555	3.7649	3.7715	0.0056329	3.7427	3.7621	3.7715	0.0089354	-0.0128	-0.0028	0.0026	0.0054595
30	3.7555	3.7649	3.7715	0.0056329	3.7408	3.7607	3.7702	0.0092281	-0.0147	-0.00419	0.0034	0.0062618
50	3.7555	3.7649	3.7715	0.0056329	3.7326	3.7589	3.7698	0.011509	-0.0229	-0.00603	0.0014	0.0080431
100	3.7555	3.7649	3.7715	0.0056329	3.7232	3.7561	3.7691	0.014296	-0.0323	-0.00877	0.0085	0.011899

Device Test: 17.25 UVLO|VLDO_RISE/VLDO/4.5/4.5/0/1000/4.5/1MHz//@VLDO_UVLO_RISE



Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

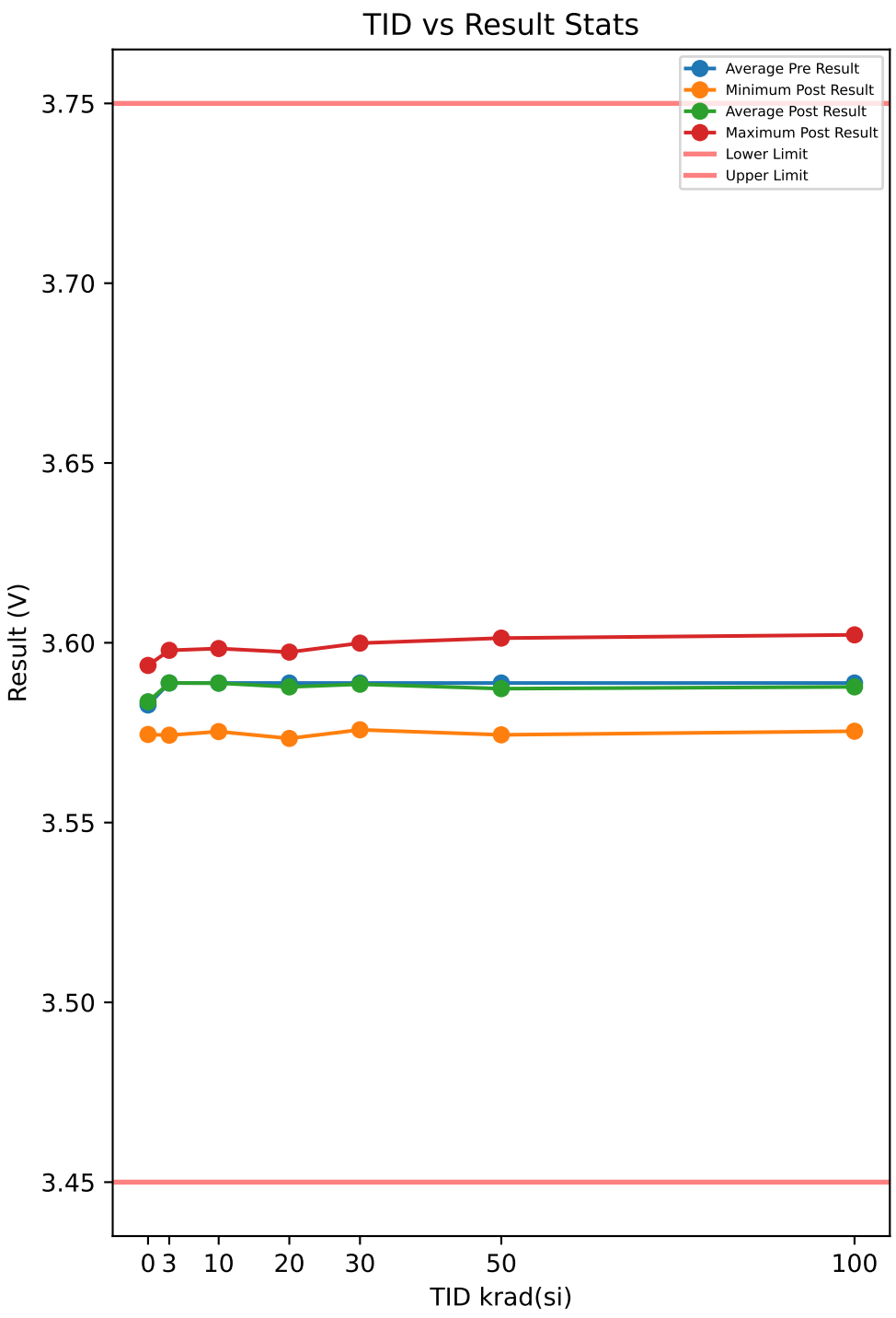
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7617	3.7614	-0.0003
2	3	LDR BIAS	3.7723	3.7748	0.0025
3	3	LDR BIAS	3.7758	3.7721	-0.0037
4	3	LDR BIAS	3.7716	3.7713	-0.0003
5	3	LDR BIAS	3.7749	3.7764	0.0015
6	3	LDR UNBIAS	3.7739	3.7729	-0.001
7	3	LDR UNBIAS	3.768	3.7683	0.0003
8	3	LDR UNBIAS	3.7632	3.7647	0.0015
9	3	LDR UNBIAS	3.7689	3.7708	0.0019
10	3	LDR UNBIAS	3.7798	3.7811	0.0013
11	0	CORRELATION	3.7574	3.7582	0.0008
12	0	CORRELATION	3.7497	3.7503	0.0006
13	0	CORRELATION	3.7699	3.7704	0.0005
14	0	CORRELATION	3.7845	3.7847	0.0002
21	10	LDR BIAS	3.7617	3.758	-0.0037
22	10	LDR BIAS	3.7723	3.7724	0.0001
23	10	LDR BIAS	3.7758	3.7718	-0.004
24	10	LDR BIAS	3.7716	3.7702	-0.0014
25	10	LDR BIAS	3.7749	3.7777	0.0028
26	10	LDR UNBIAS	3.7739	3.7727	-0.0012
27	10	LDR UNBIAS	3.768	3.7674	-0.0006
28	10	LDR UNBIAS	3.7632	3.7655	0.0023
29	10	LDR UNBIAS	3.7689	3.7715	0.0026
30	10	LDR UNBIAS	3.7798	3.7845	0.0047
31	20	LDR BIAS	3.7617	3.7577	-0.004
32	20	LDR BIAS	3.7723	3.7738	0.0015
33	20	LDR BIAS	3.7758	3.7631	-0.0127
34	20	LDR BIAS	3.7716	3.7685	-0.0031
35	20	LDR BIAS	3.7749	3.7783	0.0034
36	20	LDR UNBIAS	3.7739	3.7735	-0.0004
37	20	LDR UNBIAS	3.768	3.7694	0.0014
38	20	LDR UNBIAS	3.7632	3.7632	0
39	20	LDR UNBIAS	3.7689	3.7727	0.0038
40	20	LDR UNBIAS	3.7798	3.7841	0.0043
41	30	LDR BIAS	3.7617	3.7588	-0.0029
42	30	LDR BIAS	3.7723	3.7715	-0.0008
43	30	LDR BIAS	3.7758	3.7638	-0.012
44	30	LDR BIAS	3.7716	3.7688	-0.0028
45	30	LDR BIAS	3.7749	3.7747	-0.0002
46	30	LDR UNBIAS	3.7739	3.7715	-0.0024
47	30	LDR UNBIAS	3.768	3.7694	0.0014
48	30	LDR UNBIAS	3.7632	3.7629	-0.0003
49	30	LDR UNBIAS	3.7689	3.7697	0.0008
50	30	LDR UNBIAS	3.7798	3.7822	0.0024
51	50	LDR BIAS	3.7617	3.7587	-0.003
52	50	LDR BIAS	3.7723	3.773	0.0007
53	50	LDR BIAS	3.7758	3.7587	-0.0171
54	50	LDR BIAS	3.7716	3.7727	0.0011
55	50	LDR BIAS	3.7749	3.7734	-0.0015
56	50	LDR UNBIAS	3.7739	3.7718	-0.0021
57	50	LDR UNBIAS	3.768	3.7652	-0.0028
58	50	LDR UNBIAS	3.7632	3.7615	-0.0017
59	50	LDR UNBIAS	3.7689	3.7671	-0.0018
60	50	LDR UNBIAS	3.7798	3.7827	0.0029
61	100	LDR BIAS	3.7617	3.7583	-0.0034
62	100	LDR BIAS	3.7723	3.7696	-0.0027
63	100	LDR BIAS	3.7758	3.7608	-0.015
64	100	LDR BIAS	3.7716	3.7683	-0.0033
65	100	LDR BIAS	3.7749	3.7708	-0.0041
66	100	LDR UNBIAS	3.7739	3.7733	-0.0006
67	100	LDR UNBIAS	3.768	3.7686	0.0006
68	100	LDR UNBIAS	3.7632	3.7615	-0.0017
69	100	LDR UNBIAS	3.7689	3.7649	-0.004
70	100	LDR UNBIAS	3.7798	3.7736	-0.0062

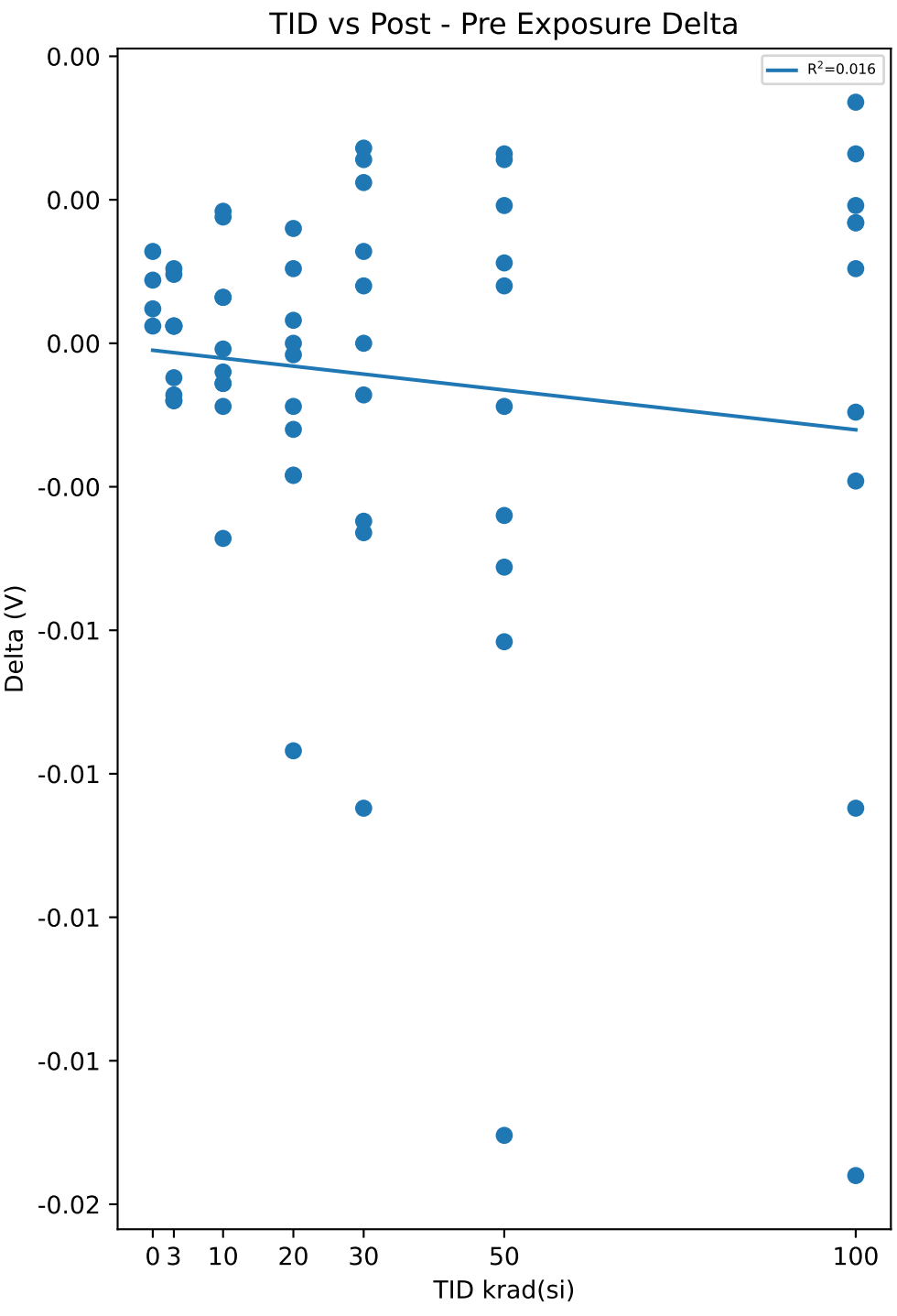


Test Statistics (V)

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	3.7497	3.7654	3.7845	0.015227	3.7503	3.7659	3.7847	0.015015	0.0002	0.000525	0.0008	0.00025
3	3.7617	3.771	3.7798	0.0056459	3.7614	3.7714	3.7811	0.0056594	-0.0037	0.00037	0.0025	0.0018148
10	3.7617	3.771	3.7798	0.0056459	3.758	3.7712	3.7845	0.0070352	-0.004	0.00016	0.0047	0.0028903
20	3.7617	3.771	3.7798	0.0056459	3.7577	3.7704	3.7841	0.0078001	-0.0127	-0.00058	0.0043	0.0050815
30	3.7617	3.771	3.7798	0.0056459	3.7588	3.7693	3.7822	0.0065585	-0.012	-0.00168	0.0024	0.0040403
50	3.7617	3.771	3.7798	0.0056459	3.7587	3.7685	3.7827	0.007662	-0.0171	-0.00253	0.0029	0.0054583
100	3.7617	3.771	3.7798	0.0056459	3.7583	3.767	3.7736	0.0053487	-0.015	-0.00404	0.0006	0.0042997

Device Test: 17.26 UVLO|VLDO_FALL/VLDO/4.5/4.5/0/1000/4.5/1MHz//@VLDO_UVLO_FALL





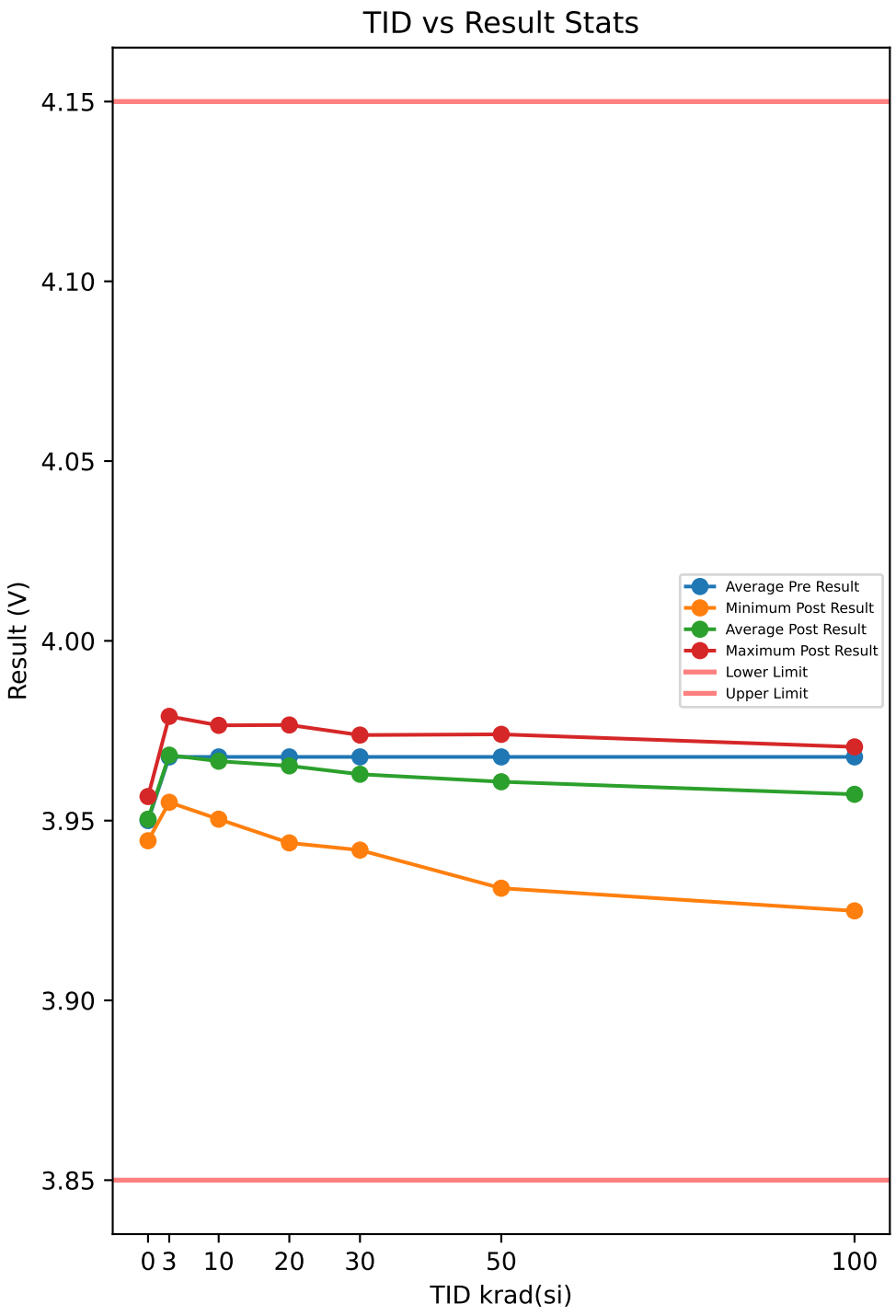
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

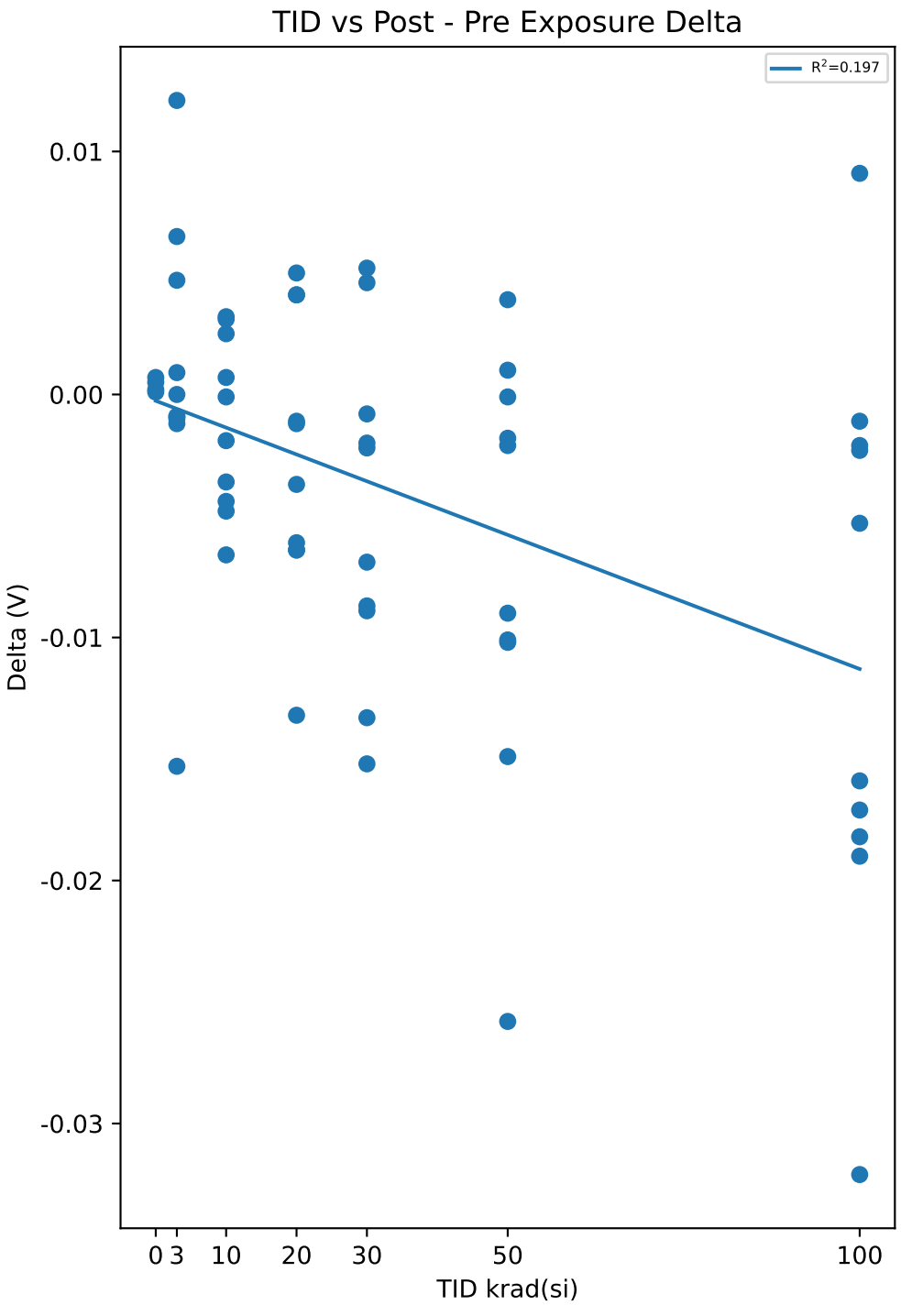
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.573	3.5743	0.0013
2	3	LDR BIAS	3.5922	3.5912	-0.001
3	3	LDR BIAS	3.592	3.5923	0.0003
4	3	LDR BIAS	3.5874	3.5886	0.0012
5	3	LDR BIAS	3.5952	3.5955	0.0003
6	3	LDR UNBIAS	3.5906	3.5897	-0.0009
7	3	LDR UNBIAS	3.5989	3.5979	-0.001
8	3	LDR UNBIAS	3.5783	3.5777	-0.0006
9	3	LDR UNBIAS	3.5833	3.5836	0.0003
10	3	LDR UNBIAS	3.5972	3.5975	0.0003
11	0	CORRELATION	3.5739	3.5745	0.0006
12	0	CORRELATION	3.5824	3.5835	0.0011
13	0	CORRELATION	3.5811	3.5827	0.0016
14	0	CORRELATION	3.5934	3.5937	0.0003
21	10	LDR BIAS	3.573	3.5753	0.0023
22	10	LDR BIAS	3.5922	3.5944	0.0022
23	10	LDR BIAS	3.592	3.5928	0.0008
24	10	LDR BIAS	3.5874	3.5882	0.0008
25	10	LDR BIAS	3.5952	3.5945	-0.0007
26	10	LDR UNBIAS	3.5906	3.5872	-0.0034
27	10	LDR UNBIAS	3.5989	3.5984	-0.0005
28	10	LDR UNBIAS	3.5783	3.5772	-0.0011
29	10	LDR UNBIAS	3.5833	3.5832	-0.0001
30	10	LDR UNBIAS	3.5972	3.5965	-0.0007
31	20	LDR BIAS	3.573	3.5734	0.0004
32	20	LDR BIAS	3.5922	3.5942	0.002
33	20	LDR BIAS	3.592	3.5849	-0.0071
34	20	LDR BIAS	3.5874	3.5851	-0.0023
35	20	LDR BIAS	3.5952	3.5965	0.0013
36	20	LDR UNBIAS	3.5906	3.5883	-0.0023
37	20	LDR UNBIAS	3.5989	3.5974	-0.0015
38	20	LDR UNBIAS	3.5783	3.5783	0
39	20	LDR UNBIAS	3.5833	3.5831	-0.0002
40	20	LDR UNBIAS	3.5972	3.5961	-0.0011
41	30	LDR BIAS	3.573	3.5758	0.0028
42	30	LDR BIAS	3.5922	3.5954	0.0032
43	30	LDR BIAS	3.592	3.5839	-0.0081
44	30	LDR BIAS	3.5874	3.5843	-0.0031
45	30	LDR BIAS	3.5952	3.5986	0.0034
46	30	LDR UNBIAS	3.5906	3.5873	-0.0033
47	30	LDR UNBIAS	3.5989	3.5999	0.001
48	30	LDR UNBIAS	3.5783	3.5774	-0.0009
49	30	LDR UNBIAS	3.5833	3.5833	0
50	30	LDR UNBIAS	3.5972	3.5988	0.0016
51	50	LDR BIAS	3.573	3.5744	0.0014
52	50	LDR BIAS	3.5922	3.5932	0.001
53	50	LDR BIAS	3.592	3.5782	-0.0138
54	50	LDR BIAS	3.5874	3.5822	-0.0052
55	50	LDR BIAS	3.5952	3.5985	0.0033
56	50	LDR UNBIAS	3.5906	3.5876	-0.003
57	50	LDR UNBIAS	3.5989	3.6013	0.0024
58	50	LDR UNBIAS	3.5783	3.5744	-0.0039
59	50	LDR UNBIAS	3.5833	3.5822	-0.0011
60	50	LDR UNBIAS	3.5972	3.6004	0.0032
61	100	LDR BIAS	3.573	3.5754	0.0024
62	100	LDR BIAS	3.5922	3.5935	0.0013
63	100	LDR BIAS	3.592	3.5775	-0.0145
64	100	LDR BIAS	3.5874	3.585	-0.0024
65	100	LDR BIAS	3.5952	3.5994	0.0042
66	100	LDR UNBIAS	3.5906	3.5894	-0.0012
67	100	LDR UNBIAS	3.5989	3.6022	0.0033
68	100	LDR UNBIAS	3.5783	3.5804	0.0021
69	100	LDR UNBIAS	3.5833	3.5854	0.0021
70	100	LDR UNBIAS	3.5972	3.5891	-0.0081

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	3.5739	3.5827	3.5934	0.0080536	3.5745	3.5836	3.5937	0.0078664	0.0003	0.0009	0.0016	0.00057155
3	3.573	3.5888	3.5989	0.008371	3.5743	3.5888	3.5979	0.0080467	-0.001	2e-05	0.0013	0.00085997
10	3.573	3.5888	3.5989	0.008371	3.5753	3.5888	3.5984	0.0080442	-0.0034	-4e-05	0.0023	0.0016801
20	3.573	3.5888	3.5989	0.008371	3.5734	3.5877	3.5974	0.008255	-0.0071	-0.00108	0.002	0.0025533
30	3.573	3.5888	3.5989	0.008371	3.5758	3.5885	3.5999	0.009052	-0.0081	-0.00034	0.0034	0.0036357
50	3.573	3.5888	3.5989	0.008371	3.5744	3.5872	3.6013	0.010518	-0.0138	-0.00157	0.0033	0.0052504
100	3.573	3.5888	3.5989	0.008371	3.5754	3.5877	3.6022	0.008862	-0.0145	-0.00108	0.0042	0.0059273

Device Test: 17.4 UVLO|VIN_RISE/VIN/4.5/4.5/0/1000/4.5/100kHz//@VIN_UVLO_RISE





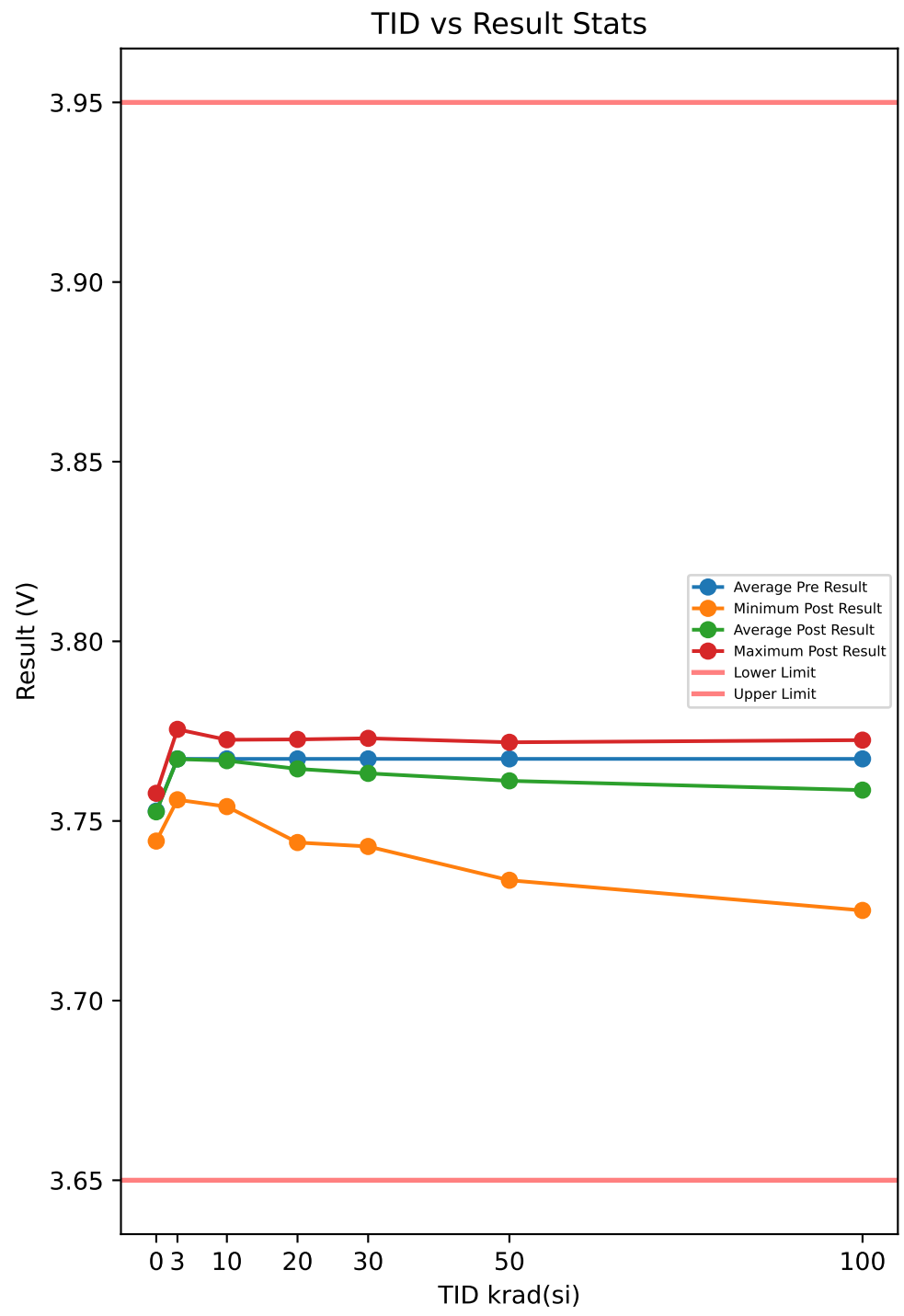
Test Results (Lower Limit = 3.85, Upper Limit = 4.15 (V))

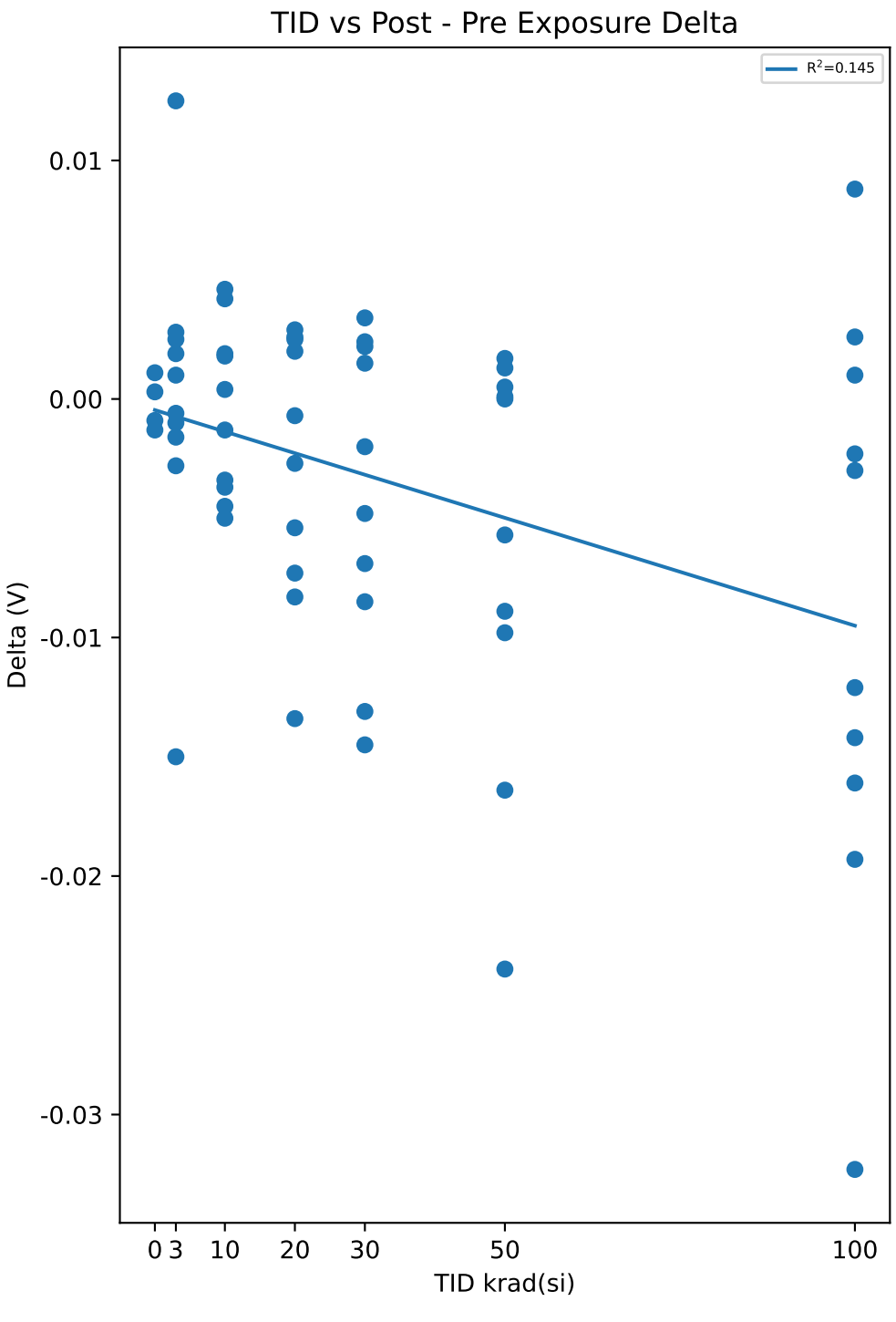
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.9617	3.9608	-0.0009
2	3	LDR BIAS	3.9704	3.9551	-0.0153
3	3	LDR BIAS	3.957	3.9691	0.0121
4	3	LDR BIAS	3.9756	3.9747	-0.0009
5	3	LDR BIAS	3.9723	3.9723	0
6	3	LDR UNBIAS	3.9758	3.9748	-0.001
7	3	LDR UNBIAS	3.9666	3.9713	0.0047
8	3	LDR UNBIAS	3.9725	3.979	0.0065
9	3	LDR UNBIAS	3.9648	3.9636	-0.0012
10	3	LDR UNBIAS	3.9605	3.9614	0.0009
11	0	CORRELATION	3.9529	3.9531	0.0002
12	0	CORRELATION	3.9566	3.9567	0.0001
13	0	CORRELATION	3.9467	3.9474	0.0007
14	0	CORRELATION	3.9439	3.9444	0.0005
21	10	LDR BIAS	3.9617	3.9573	-0.0044
22	10	LDR BIAS	3.9704	3.9668	-0.0036
23	10	LDR BIAS	3.957	3.9504	-0.0066
24	10	LDR BIAS	3.9756	3.9737	-0.0019
25	10	LDR BIAS	3.9723	3.9675	-0.0048
26	10	LDR UNBIAS	3.9758	3.9765	0.0007
27	10	LDR UNBIAS	3.9666	3.9697	0.0031
28	10	LDR UNBIAS	3.9725	3.975	0.0025
29	10	LDR UNBIAS	3.9648	3.9647	-0.0001
30	10	LDR UNBIAS	3.9605	3.9637	0.0032
31	20	LDR BIAS	3.9617	3.9556	-0.0061
32	20	LDR BIAS	3.9704	3.964	-0.0064
33	20	LDR BIAS	3.957	3.9438	-0.0132
34	20	LDR BIAS	3.9756	3.9719	-0.0037
35	20	LDR BIAS	3.9723	3.9659	-0.0064
36	20	LDR UNBIAS	3.9758	3.9746	-0.0012
37	20	LDR UNBIAS	3.9666	3.9716	0.005
38	20	LDR UNBIAS	3.9725	3.9766	0.0041
39	20	LDR UNBIAS	3.9648	3.9637	-0.0011
40	20	LDR UNBIAS	3.9605	3.9646	0.0041
41	30	LDR BIAS	3.9617	3.9484	-0.0133
42	30	LDR BIAS	3.9704	3.9617	-0.0087
43	30	LDR BIAS	3.957	3.9418	-0.0152
44	30	LDR BIAS	3.9756	3.9687	-0.0069
45	30	LDR BIAS	3.9723	3.9634	-0.0089
46	30	LDR UNBIAS	3.9758	3.9738	-0.002
47	30	LDR UNBIAS	3.9666	3.9718	0.0052
48	30	LDR UNBIAS	3.9725	3.9703	-0.0022
49	30	LDR UNBIAS	3.9648	3.964	-0.0008
50	30	LDR UNBIAS	3.9605	3.9651	0.0046
51	50	LDR BIAS	3.9617	3.9468	-0.0149
52	50	LDR BIAS	3.9704	3.9602	-0.0102
53	50	LDR BIAS	3.957	3.9312	-0.0258
54	50	LDR BIAS	3.9756	3.9655	-0.0101
55	50	LDR BIAS	3.9723	3.9633	-0.009
56	50	LDR UNBIAS	3.9758	3.974	-0.0018
57	50	LDR UNBIAS	3.9666	3.9705	0.0039
58	50	LDR UNBIAS	3.9725	3.9724	-0.0001
59	50	LDR UNBIAS	3.9648	3.9627	-0.0021
60	50	LDR UNBIAS	3.9605	3.9615	0.001
61	100	LDR BIAS	3.9617	3.9427	-0.019
62	100	LDR BIAS	3.9704	3.9533	-0.0171
63	100	LDR BIAS	3.957	3.9249	-0.0321
64	100	LDR BIAS	3.9756	3.9574	-0.0182
65	100	LDR BIAS	3.9723	3.9564	-0.0159
66	100	LDR UNBIAS	3.9758	3.9705	-0.0053
67	100	LDR UNBIAS	3.9666	3.9655	-0.0011
68	100	LDR UNBIAS	3.9725	3.9702	-0.0023
69	100	LDR UNBIAS	3.9648	3.9627	-0.0021
70	100	LDR UNBIAS	3.9605	3.9696	0.0091

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	3.9439	3.95	3.9566	0.0057755	3.9444	3.9504	3.9567	0.0055371	0.0001	0.000375	0.0007	0.00027538
3	3.957	3.9677	3.9758	0.0065951	3.9551	3.9682	3.979	0.0076263	-0.0153	0.00049	0.0121	0.0070499
10	3.957	3.9677	3.9758	0.0065951	3.9504	3.9665	3.9765	0.008099	-0.0066	-0.00119	0.0032	0.0035741
20	3.957	3.9677	3.9758	0.0065951	3.9438	3.9652	3.9766	0.0097685	-0.0132	-0.00249	0.005	0.0058341
30	3.957	3.9677	3.9758	0.0065951	3.9418	3.9629	3.9738	0.010272	-0.0152	-0.00482	0.0052	0.0069586
50	3.957	3.9677	3.9758	0.0065951	3.9312	3.9608	3.974	0.012944	-0.0258	-0.00691	0.0039	0.008951
100	3.957	3.9677	3.9758	0.0065951	3.9249	3.9573	3.9705	0.014407	-0.0321	-0.0104	0.0091	0.012056

Device Test: 17.5 UVLO|VIN_FALL/VIN/4.5/4.5/0/1000/4.5/100kHz//@VIN_UVLO_FALL





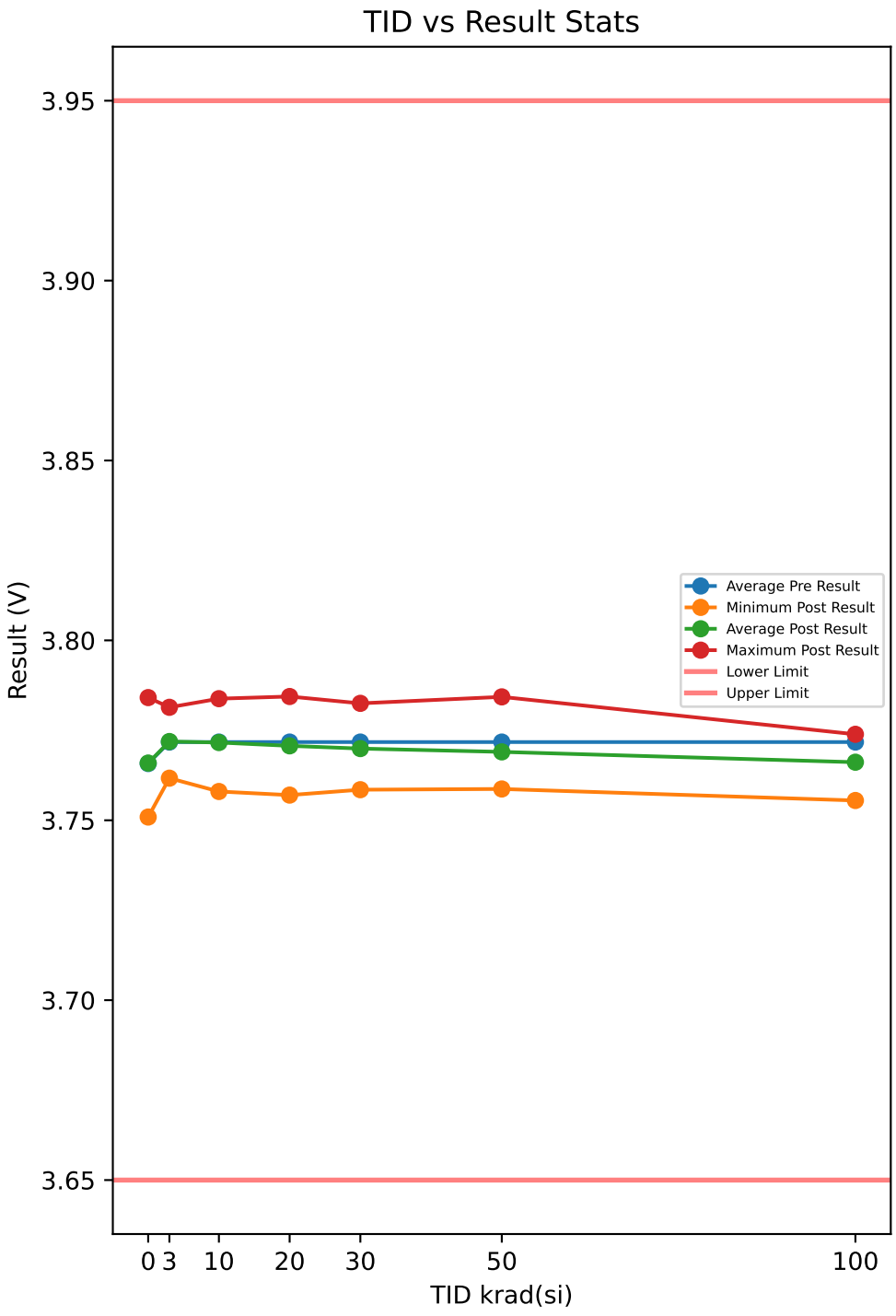
Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.764	3.7612	-0.0028
2	3	LDR BIAS	3.7709	3.7559	-0.015
3	3	LDR BIAS	3.7574	3.7699	0.0125
4	3	LDR BIAS	3.7689	3.7679	-0.001
5	3	LDR BIAS	3.7771	3.7755	-0.0016
6	3	LDR UNBIAS	3.7706	3.7725	0.0019
7	3	LDR UNBIAS	3.7699	3.7727	0.0028
8	3	LDR UNBIAS	3.7701	3.7726	0.0025
9	3	LDR UNBIAS	3.7602	3.7596	-0.0006
10	3	LDR UNBIAS	3.7637	3.7647	0.001
11	0	CORRELATION	3.7571	3.7558	-0.0013
12	0	CORRELATION	3.7586	3.7577	-0.0009
13	0	CORRELATION	3.7512	3.7523	0.0011
14	0	CORRELATION	3.7441	3.7444	0.0003
21	10	LDR BIAS	3.764	3.759	-0.005
22	10	LDR BIAS	3.7709	3.7672	-0.0037
23	10	LDR BIAS	3.7574	3.754	-0.0034
24	10	LDR BIAS	3.7689	3.7676	-0.0013
25	10	LDR BIAS	3.7771	3.7726	-0.0045
26	10	LDR UNBIAS	3.7706	3.771	0.0004
27	10	LDR UNBIAS	3.7699	3.7718	0.0019
28	10	LDR UNBIAS	3.7701	3.7719	0.0018
29	10	LDR UNBIAS	3.7602	3.7648	0.0046
30	10	LDR UNBIAS	3.7637	3.7679	0.0042
31	20	LDR BIAS	3.764	3.7567	-0.0073
32	20	LDR BIAS	3.7709	3.7626	-0.0083
33	20	LDR BIAS	3.7574	3.744	-0.0134
34	20	LDR BIAS	3.7689	3.7662	-0.0027
35	20	LDR BIAS	3.7771	3.7717	-0.0054
36	20	LDR UNBIAS	3.7706	3.7726	0.002
37	20	LDR UNBIAS	3.7699	3.7724	0.0025
38	20	LDR UNBIAS	3.7701	3.7727	0.0026
39	20	LDR UNBIAS	3.7602	3.7595	-0.0007
40	20	LDR UNBIAS	3.7637	3.7666	0.0029
41	30	LDR BIAS	3.764	3.7509	-0.0131
42	30	LDR BIAS	3.7709	3.764	-0.0069
43	30	LDR BIAS	3.7574	3.7429	-0.0145
44	30	LDR BIAS	3.7689	3.7641	-0.0048
45	30	LDR BIAS	3.7771	3.7686	-0.0085
46	30	LDR UNBIAS	3.7706	3.773	0.0024
47	30	LDR UNBIAS	3.7699	3.7714	0.0015
48	30	LDR UNBIAS	3.7701	3.7681	-0.002
49	30	LDR UNBIAS	3.7602	3.7624	0.0022
50	30	LDR UNBIAS	3.7637	3.7671	0.0034
51	50	LDR BIAS	3.764	3.7476	-0.0164
52	50	LDR BIAS	3.7709	3.762	-0.0089
53	50	LDR BIAS	3.7574	3.7335	-0.0239
54	50	LDR BIAS	3.7689	3.7632	-0.0057
55	50	LDR BIAS	3.7771	3.7673	-0.0098
56	50	LDR UNBIAS	3.7706	3.7719	0.0013
57	50	LDR UNBIAS	3.7699	3.7716	0.0017
58	50	LDR UNBIAS	3.7701	3.7701	0
59	50	LDR UNBIAS	3.7602	3.7607	0.0005
60	50	LDR UNBIAS	3.7637	3.7638	0.0001
61	100	LDR BIAS	3.764	3.7447	-0.0193
62	100	LDR BIAS	3.7709	3.7588	-0.0121
63	100	LDR BIAS	3.7574	3.7251	-0.0323
64	100	LDR BIAS	3.7689	3.7547	-0.0142
65	100	LDR BIAS	3.7771	3.761	-0.0161
66	100	LDR UNBIAS	3.7706	3.7716	0.001
67	100	LDR UNBIAS	3.7699	3.7669	-0.003
68	100	LDR UNBIAS	3.7701	3.7678	-0.0023
69	100	LDR UNBIAS	3.7602	3.7628	0.0026
70	100	LDR UNBIAS	3.7637	3.7725	0.0088

Test Statistics (V)

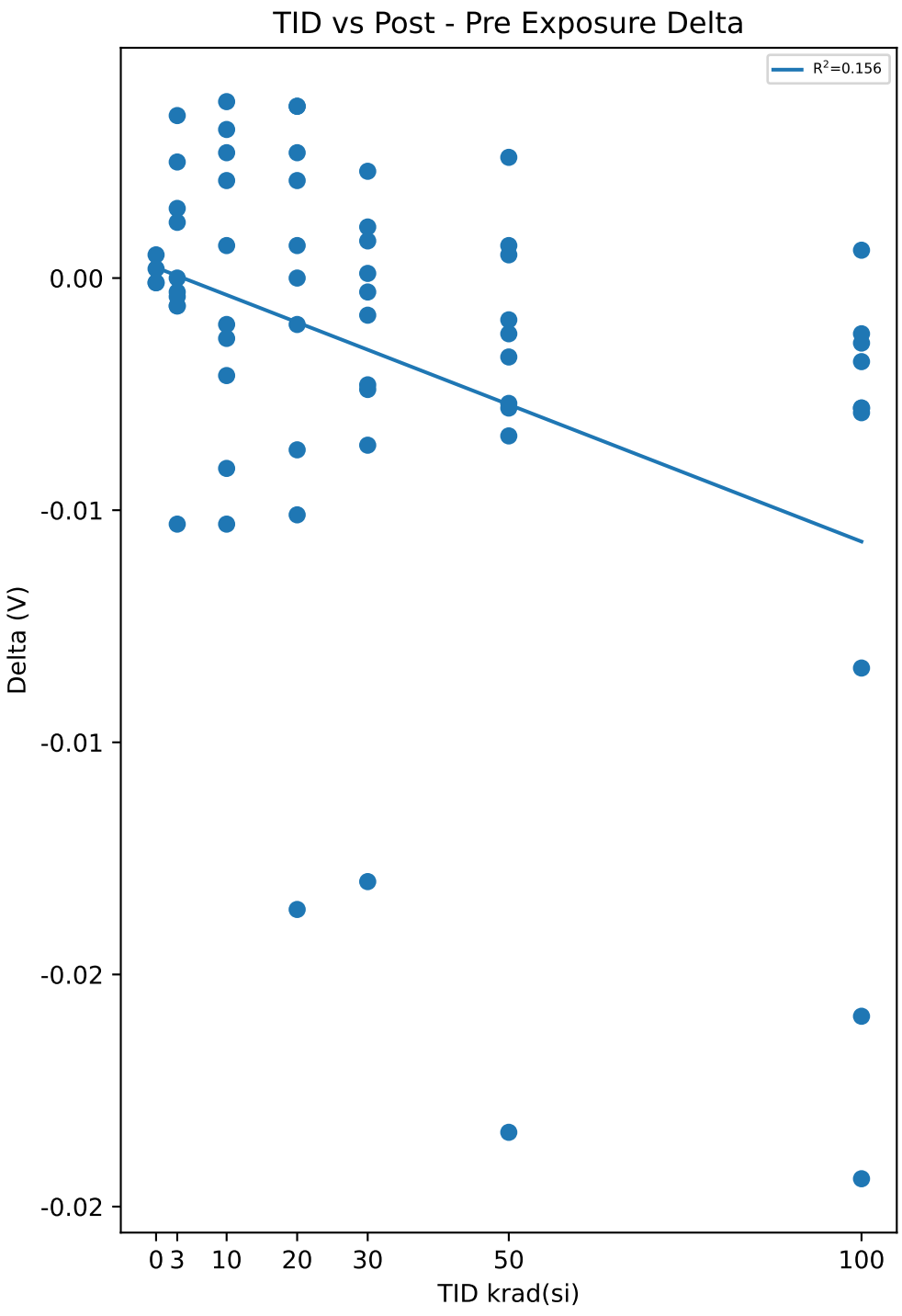
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7441	3.7527	3.7586	0.0065922	3.7444	3.7525	3.7577	0.0058757	-0.0013	-0.0002	0.0011	0.0011015
3	3.7574	3.7673	3.7771	0.0058625	3.7559	3.7672	3.7755	0.0065984	-0.015	-3e-05	0.0125	0.0067635
10	3.7574	3.7673	3.7771	0.0058625	3.754	3.7668	3.7726	0.0060825	-0.005	-0.0005	0.0046	0.0035824
20	3.7574	3.7673	3.7771	0.0058625	3.744	3.7645	3.7727	0.0092141	-0.0134	-0.00278	0.0029	0.0056452
30	3.7574	3.7673	3.7771	0.0058625	3.7429	3.7633	3.773	0.009411	-0.0145	-0.00403	0.0034	0.0065892
50	3.7574	3.7673	3.7771	0.0058625	3.7335	3.7612	3.7719	0.012032	-0.0239	-0.00611	0.0017	0.0086886
100	3.7574	3.7673	3.7771	0.0058625	3.7251	3.7586	3.7725	0.014414	-0.0323	-0.00869	0.0088	0.012326

Device Test: 17.7 UVLO|VLDO_RISE/VLDO/4.5/4.5/0/1000/4.5/100kHz//@VLDO_UVLO_RISE



Test Results (Lower Limit = 3.65, Upper Limit = 3.95 (V))

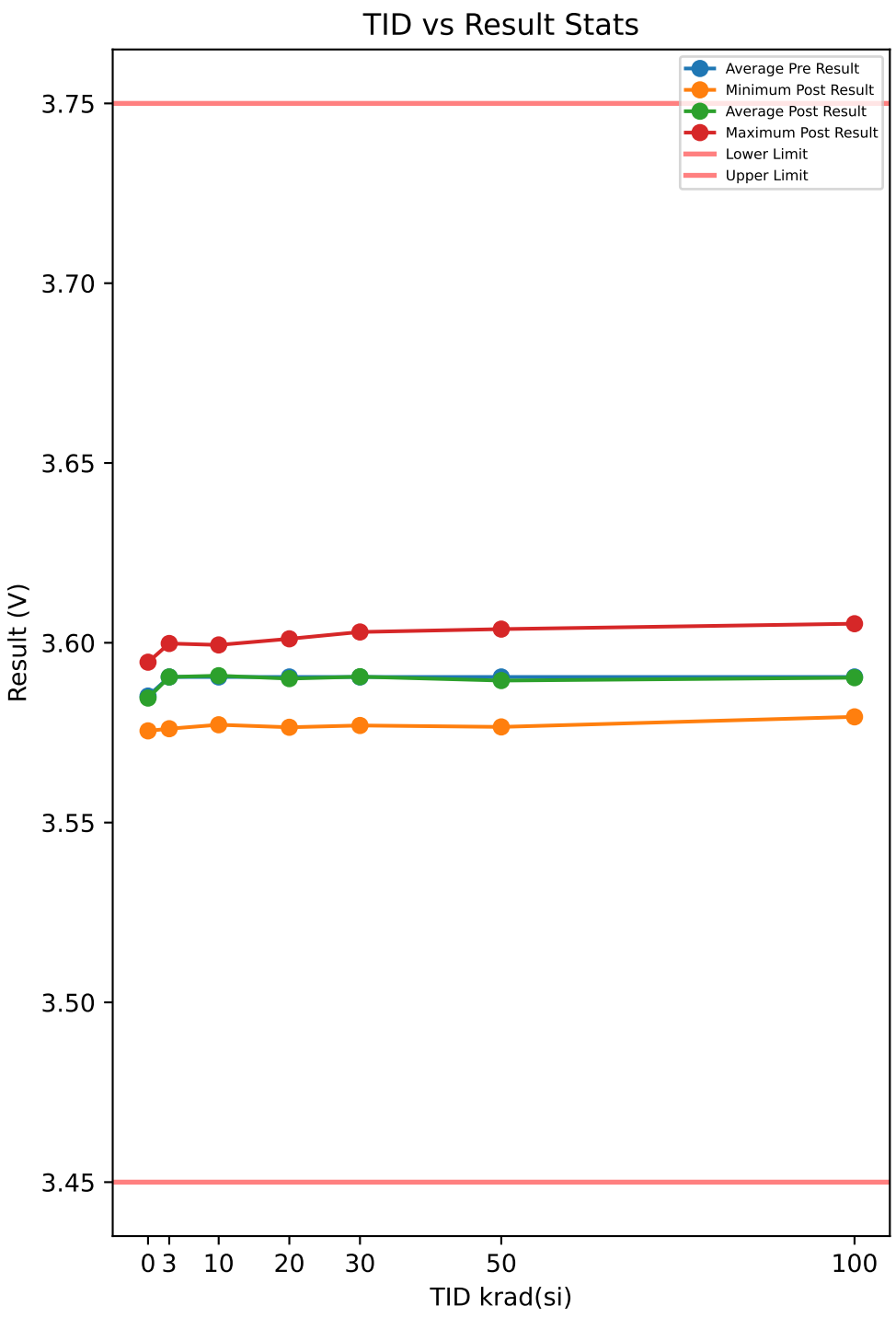
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7621	3.7617	-0.0004
2	3	LDR BIAS	3.7723	3.7758	0.0035
3	3	LDR BIAS	3.7774	3.7721	-0.0053
4	3	LDR BIAS	3.7725	3.7719	-0.0006
5	3	LDR BIAS	3.7749	3.7764	0.0015
6	3	LDR UNBIAS	3.7751	3.7745	-0.0006
7	3	LDR UNBIAS	3.769	3.769	0
8	3	LDR UNBIAS	3.7638	3.765	0.0012
9	3	LDR UNBIAS	3.7686	3.7711	0.0025
10	3	LDR UNBIAS	3.7817	3.7814	-0.0003
11	0	CORRELATION	3.7574	3.7579	0.0005
12	0	CORRELATION	3.7507	3.7509	0.0002
13	0	CORRELATION	3.7708	3.7707	-0.0001
14	0	CORRELATION	3.7842	3.7841	-0.0001
21	10	LDR BIAS	3.7621	3.758	-0.0041
22	10	LDR BIAS	3.7723	3.773	0.0007
23	10	LDR BIAS	3.7774	3.7721	-0.0053
24	10	LDR BIAS	3.7725	3.7712	-0.0013
25	10	LDR BIAS	3.7749	3.7787	0.0038
26	10	LDR UNBIAS	3.7751	3.773	-0.0021
27	10	LDR UNBIAS	3.769	3.768	-0.001
28	10	LDR UNBIAS	3.7638	3.7665	0.0027
29	10	LDR UNBIAS	3.7686	3.7718	0.0032
30	10	LDR UNBIAS	3.7817	3.7838	0.0021
31	20	LDR BIAS	3.7621	3.757	-0.0051
32	20	LDR BIAS	3.7723	3.7744	0.0021
33	20	LDR BIAS	3.7774	3.7638	-0.0136
34	20	LDR BIAS	3.7725	3.7688	-0.0037
35	20	LDR BIAS	3.7749	3.7786	0.0037
36	20	LDR UNBIAS	3.7751	3.7741	-0.001
37	20	LDR UNBIAS	3.769	3.7697	0.0007
38	20	LDR UNBIAS	3.7638	3.7638	0
39	20	LDR UNBIAS	3.7686	3.7723	0.0037
40	20	LDR UNBIAS	3.7817	3.7844	0.0027
41	30	LDR BIAS	3.7621	3.7585	-0.0036
42	30	LDR BIAS	3.7723	3.7715	-0.0008
43	30	LDR BIAS	3.7774	3.7644	-0.013
44	30	LDR BIAS	3.7725	3.7701	-0.0024
45	30	LDR BIAS	3.7749	3.775	0.0001
46	30	LDR UNBIAS	3.7751	3.7728	-0.0023
47	30	LDR UNBIAS	3.769	3.7713	0.0023
48	30	LDR UNBIAS	3.7638	3.7635	-0.0003
49	30	LDR UNBIAS	3.7686	3.7697	0.0011
50	30	LDR UNBIAS	3.7817	3.7825	0.0008
51	50	LDR BIAS	3.7621	3.7587	-0.0034
52	50	LDR BIAS	3.7723	3.773	0.0007
53	50	LDR BIAS	3.7774	3.759	-0.0184
54	50	LDR BIAS	3.7725	3.773	0.0005
55	50	LDR BIAS	3.7749	3.7737	-0.0012
56	50	LDR UNBIAS	3.7751	3.7724	-0.0027
57	50	LDR UNBIAS	3.769	3.7662	-0.0028
58	50	LDR UNBIAS	3.7638	3.7621	-0.0017
59	50	LDR UNBIAS	3.7686	3.7677	-0.0009
60	50	LDR UNBIAS	3.7817	3.7843	0.0026
61	100	LDR BIAS	3.7621	3.7593	-0.0028
62	100	LDR BIAS	3.7723	3.7705	-0.0018
63	100	LDR BIAS	3.7774	3.7615	-0.0159
64	100	LDR BIAS	3.7725	3.7696	-0.0029
65	100	LDR BIAS	3.7749	3.7555	-0.0194
66	100	LDR UNBIAS	3.7751	3.7739	-0.0012
67	100	LDR UNBIAS	3.769	3.7696	0.0006
68	100	LDR UNBIAS	3.7638	3.7624	-0.0014
69	100	LDR UNBIAS	3.7686	3.7658	-0.0028
70	100	LDR UNBIAS	3.7817	3.7733	-0.0084

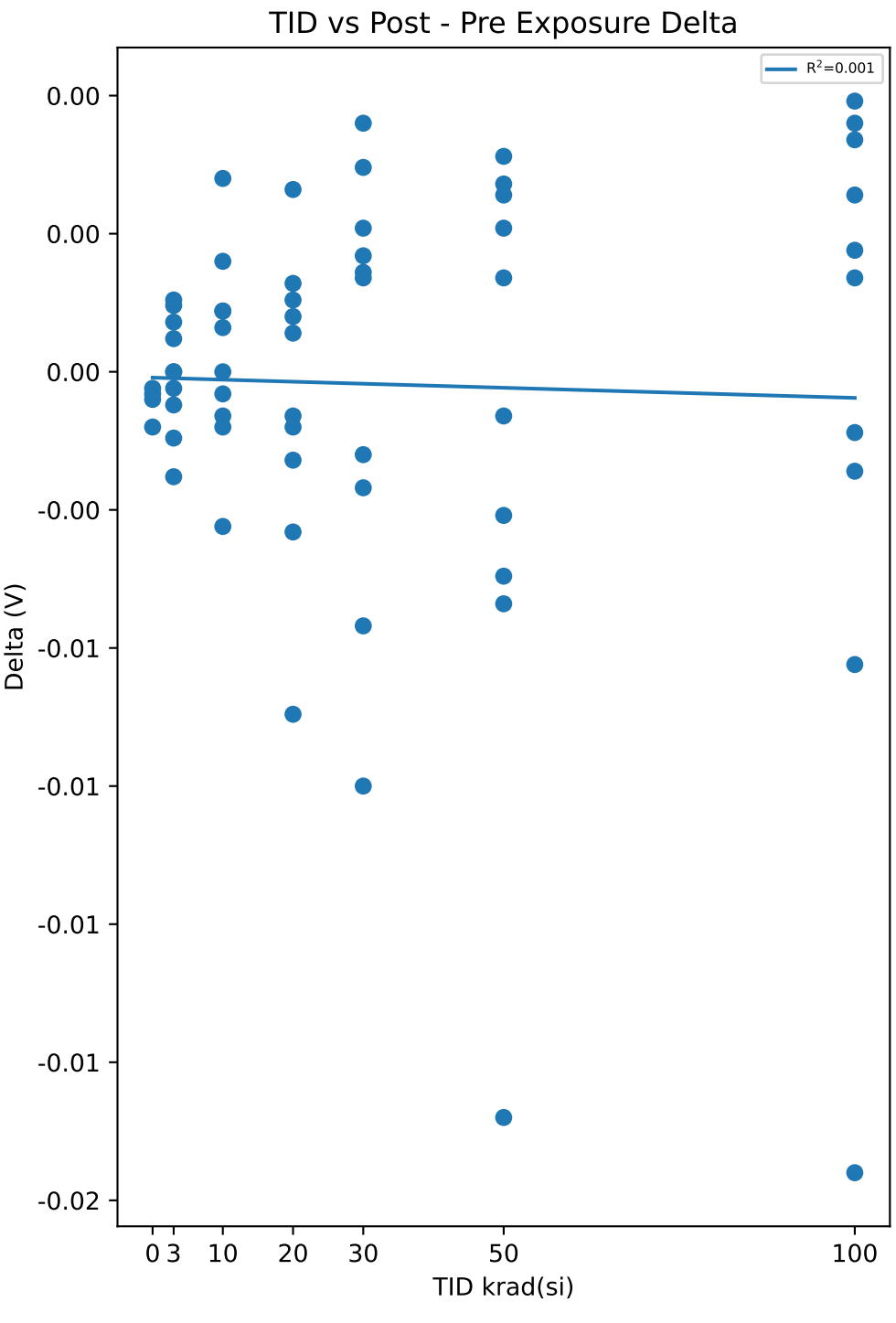


Test Statistics (V)

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	3.7507	3.7658	3.7842	0.014856	3.7509	3.7659	3.7841	0.014643	-0.0001	0.000125	0.0005	0.00028723
3	3.7621	3.7717	3.7817	0.0060254	3.7617	3.7719	3.7814	0.0057078	-0.0053	0.00015	0.0035	0.0023811
10	3.7621	3.7717	3.7817	0.0060254	3.758	3.7716	3.7838	0.0068924	-0.0053	-0.00013	0.0038	0.0031394
20	3.7621	3.7717	3.7817	0.0060254	3.757	3.7707	3.7844	0.0079263	-0.0136	-0.00105	0.0037	0.0053146
30	3.7621	3.7717	3.7817	0.0060254	3.7585	3.7699	3.7825	0.0066578	-0.013	-0.00181	0.0023	0.0043222
50	3.7621	3.7717	3.7817	0.0060254	3.7587	3.769	3.7843	0.007909	-0.0184	-0.00273	0.0026	0.0058058
100	3.7621	3.7717	3.7817	0.0060254	3.7555	3.7661	3.7739	0.0062367	-0.0194	-0.0056	0.0006	0.0068087

Device Test: 17.8 UVLO|VLDO_FALL/VLDO/4.5/4.5/0/1000/4.5/100kHz//@VLDO_UVLO_FALL





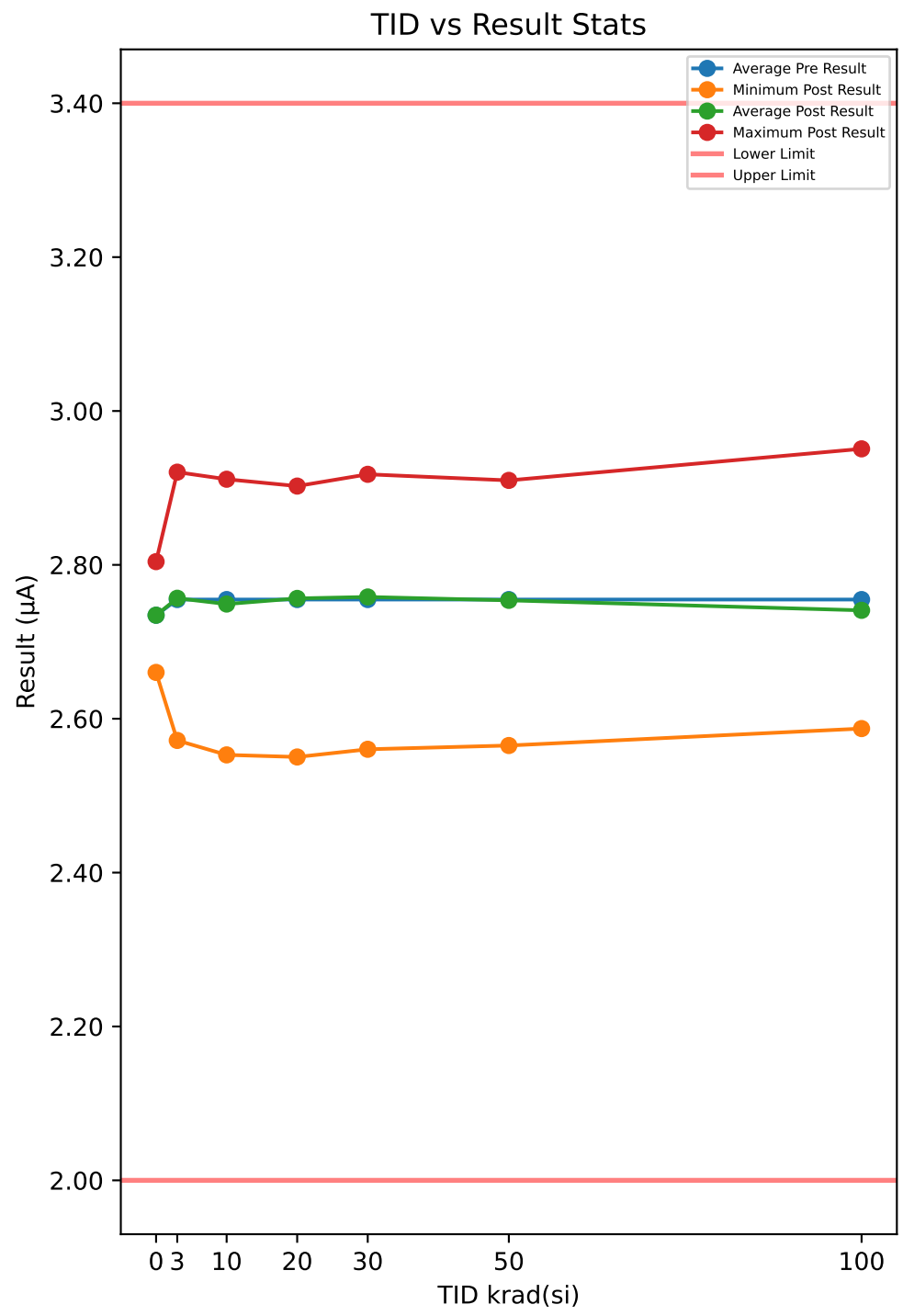
Test Results (Lower Limit = 3.45, Upper Limit = 3.75 (V))

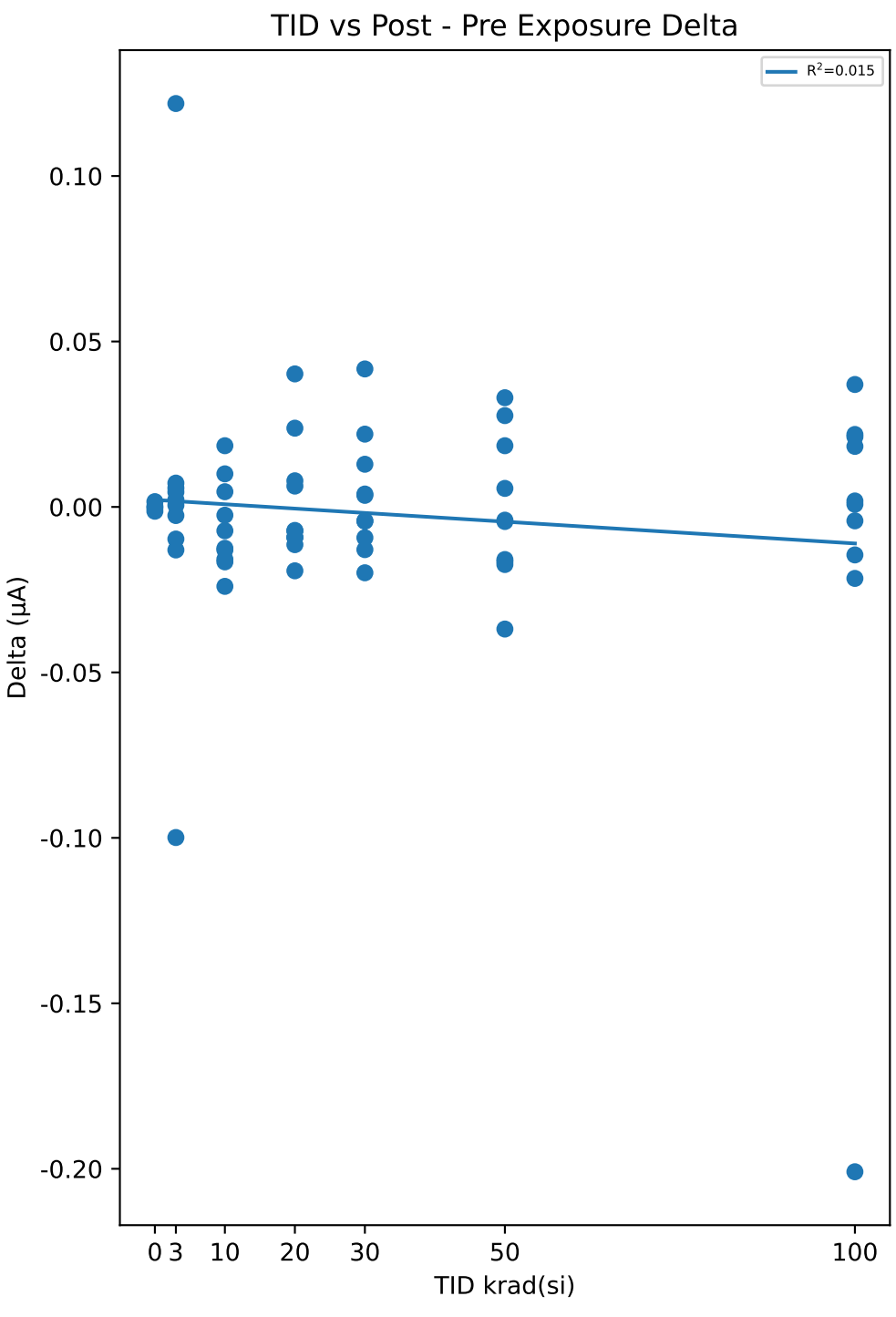
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.5752	3.5761	0.0009
2	3	LDR BIAS	3.5931	3.5931	0
3	3	LDR BIAS	3.5939	3.5945	0.0006
4	3	LDR BIAS	3.5883	3.5896	0.0013
5	3	LDR BIAS	3.5977	3.5974	-0.0003
6	3	LDR UNBIAS	3.5931	3.5912	-0.0019
7	3	LDR UNBIAS	3.6004	3.5998	-0.0006
8	3	LDR UNBIAS	3.5808	3.5796	-0.0012
9	3	LDR UNBIAS	3.5843	3.5855	0.0012
10	3	LDR UNBIAS	3.5981	3.5981	0
11	0	CORRELATION	3.576	3.5755	-0.0005
12	0	CORRELATION	3.5858	3.5854	-0.0004
13	0	CORRELATION	3.5833	3.583	-0.0003
14	0	CORRELATION	3.5956	3.5946	-0.001
21	10	LDR BIAS	3.5752	3.5772	0.002
22	10	LDR BIAS	3.5931	3.5966	0.0035
23	10	LDR BIAS	3.5939	3.5947	0.0008
24	10	LDR BIAS	3.5883	3.5894	0.0011
25	10	LDR BIAS	3.5977	3.5973	-0.0004
26	10	LDR UNBIAS	3.5931	3.5903	-0.0028
27	10	LDR UNBIAS	3.6004	3.5994	-0.001
28	10	LDR UNBIAS	3.5808	3.58	-0.0008
29	10	LDR UNBIAS	3.5843	3.5854	0.0011
30	10	LDR UNBIAS	3.5981	3.5981	0
31	20	LDR BIAS	3.5752	3.5765	0.0013
32	20	LDR BIAS	3.5931	3.5964	0.0033
33	20	LDR BIAS	3.5939	3.5877	-0.0062
34	20	LDR BIAS	3.5883	3.5867	-0.0016
35	20	LDR BIAS	3.5977	3.5987	0.001
36	20	LDR UNBIAS	3.5931	3.5902	-0.0029
37	20	LDR UNBIAS	3.6004	3.6011	0.0007
38	20	LDR UNBIAS	3.5808	3.5798	-0.001
39	20	LDR UNBIAS	3.5843	3.5859	0.0016
40	20	LDR UNBIAS	3.5981	3.5973	-0.0008
41	30	LDR BIAS	3.5752	3.577	0.0018
42	30	LDR BIAS	3.5931	3.5976	0.0045
43	30	LDR BIAS	3.5939	3.5864	-0.0075
44	30	LDR BIAS	3.5883	3.5862	-0.0021
45	30	LDR BIAS	3.5977	3.6014	0.0037
46	30	LDR UNBIAS	3.5931	3.5885	-0.0046
47	30	LDR UNBIAS	3.6004	3.603	0.0026
48	30	LDR UNBIAS	3.5808	3.5793	-0.0015
49	30	LDR UNBIAS	3.5843	3.5864	0.0021
50	30	LDR UNBIAS	3.5981	3.5998	0.0017
51	50	LDR BIAS	3.5752	3.5769	0.0017
52	50	LDR BIAS	3.5931	3.5957	0.0026
53	50	LDR BIAS	3.5939	3.5804	-0.0135
54	50	LDR BIAS	3.5883	3.5857	-0.0026
55	50	LDR BIAS	3.5977	3.6016	0.0039
56	50	LDR UNBIAS	3.5931	3.5894	-0.0037
57	50	LDR UNBIAS	3.6004	3.6038	0.0034
58	50	LDR UNBIAS	3.5808	3.5766	-0.0042
59	50	LDR UNBIAS	3.5843	3.5835	-0.0008
60	50	LDR UNBIAS	3.5981	3.6013	0.0032
61	100	LDR BIAS	3.5752	3.5794	0.0042
62	100	LDR BIAS	3.5931	3.5953	0.0022
63	100	LDR BIAS	3.5939	3.5794	-0.0145
64	100	LDR BIAS	3.5883	3.5872	-0.0011
65	100	LDR BIAS	3.5977	3.6022	0.0045
66	100	LDR UNBIAS	3.5931	3.5913	-0.0018
67	100	LDR UNBIAS	3.6004	3.6053	0.0049
68	100	LDR UNBIAS	3.5808	3.5825	0.0017
69	100	LDR UNBIAS	3.5843	3.5875	0.0032
70	100	LDR UNBIAS	3.5981	3.5928	-0.0053

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	3.576	3.5852	3.5956	0.0080987	3.5755	3.5846	3.5946	0.0078742	-0.001	-0.00055	-0.0003	0.00031091
3	3.5752	3.5905	3.6004	0.0081931	3.5761	3.5905	3.5998	0.0079379	-0.0019	0	0.0013	0.0010435
10	3.5752	3.5905	3.6004	0.0081931	3.5772	3.5908	3.5994	0.0078266	-0.0028	0.00035	0.0035	0.0017552
20	3.5752	3.5905	3.6004	0.0081931	3.5765	3.59	3.6011	0.0082493	-0.0062	-0.00046	0.0033	0.0026991
30	3.5752	3.5905	3.6004	0.0081931	3.577	3.5906	3.603	0.0092839	-0.0075	7e-05	0.0045	0.0038767
50	3.5752	3.5905	3.6004	0.0081931	3.5766	3.5895	3.6038	0.010472	-0.0135	-0.001	0.0039	0.0053504
100	3.5752	3.5905	3.6004	0.0081931	3.5794	3.5903	3.6053	0.0089117	-0.0145	-0.0002	0.0049	0.0059839

Device Test: 18.1 CURRENT|SS_0p3V/SS/4.5/4.5/0/1000/4.5/100kHz//@I_SS





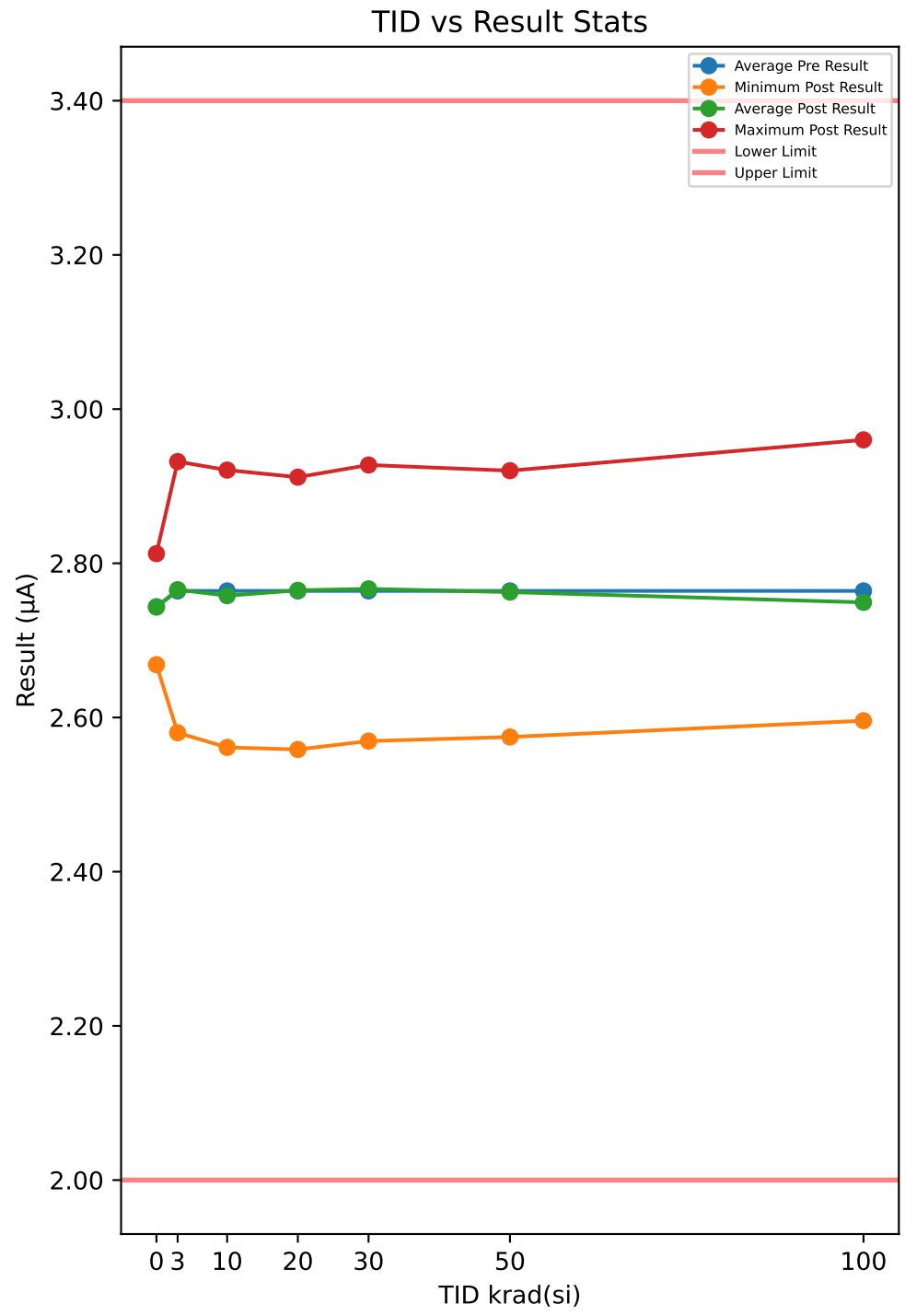
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

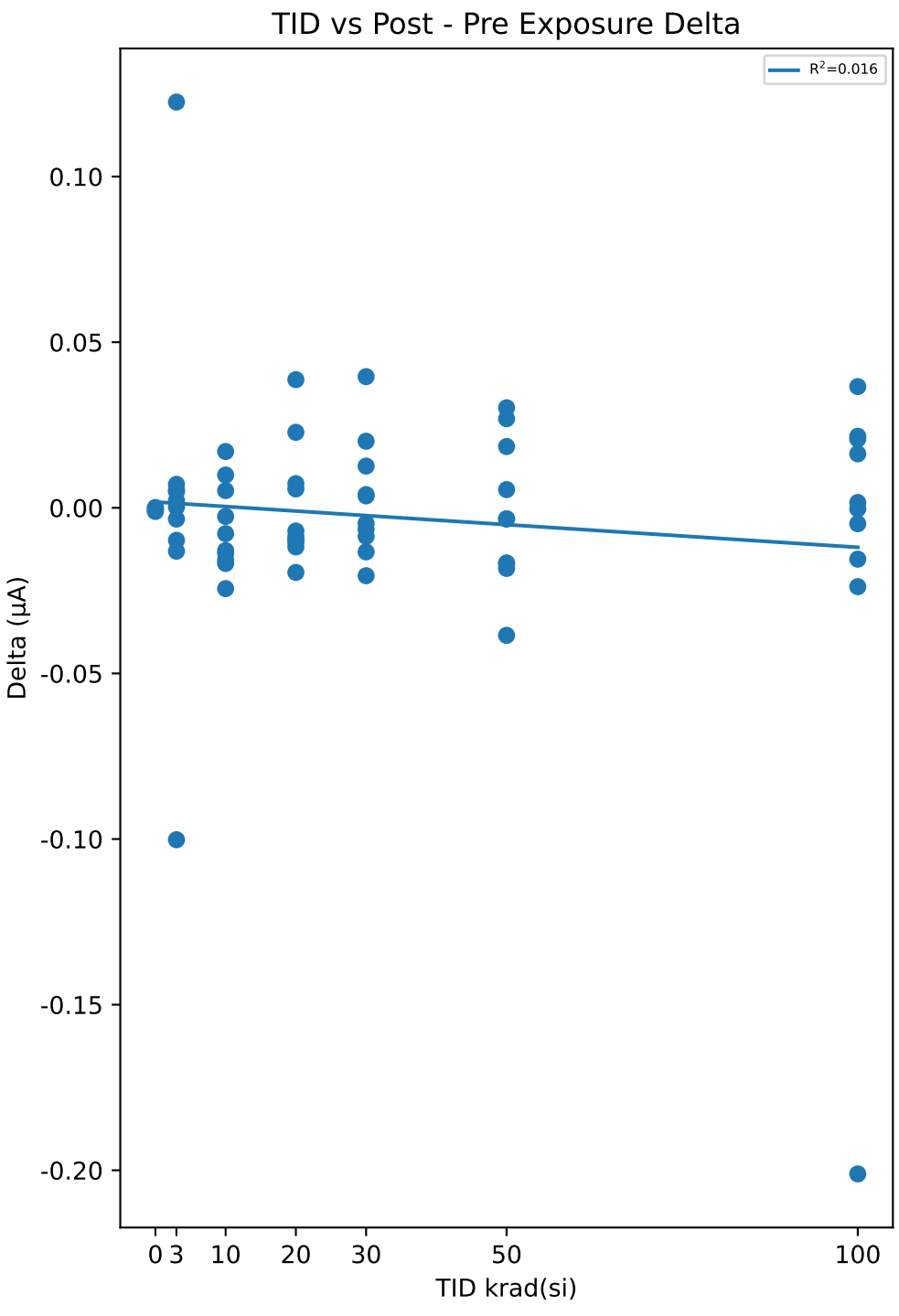
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7622	2.7596	-0.0026
2	3	LDR BIAS	2.9138	2.8139	-0.0999
3	3	LDR BIAS	2.7986	2.9205	0.1219
4	3	LDR BIAS	2.7571	2.7628	0.0057
5	3	LDR BIAS	2.7145	2.715	0.0005
6	3	LDR UNBIAS	2.5696	2.5718	0.0022
7	3	LDR UNBIAS	2.6691	2.6736	0.0045
8	3	LDR UNBIAS	2.6917	2.6989	0.0072
9	3	LDR UNBIAS	2.8845	2.8748	-0.0097
10	3	LDR UNBIAS	2.7881	2.7751	-0.013
11	0	CORRELATION	2.8026	2.8042	0.0016
12	0	CORRELATION	2.6605	2.6602	-0.0003
13	0	CORRELATION	2.7652	2.7654	0.0002
14	0	CORRELATION	2.7098	2.7085	-0.0013
21	10	LDR BIAS	2.7622	2.7464	-0.0158
22	10	LDR BIAS	2.9138	2.9113	-0.0025
23	10	LDR BIAS	2.7986	2.8171	0.0185
24	10	LDR BIAS	2.7571	2.7499	-0.0072
25	10	LDR BIAS	2.7145	2.7191	0.0046
26	10	LDR UNBIAS	2.5696	2.553	-0.0166
27	10	LDR UNBIAS	2.6691	2.6561	-0.013
28	10	LDR UNBIAS	2.6917	2.7017	0.01
29	10	LDR UNBIAS	2.8845	2.872	-0.0125
30	10	LDR UNBIAS	2.7881	2.7641	-0.024
31	20	LDR BIAS	2.7622	2.753	-0.0092
32	20	LDR BIAS	2.9138	2.9024	-0.0114
33	20	LDR BIAS	2.7986	2.8388	0.0402
34	20	LDR BIAS	2.7571	2.765	0.0079
35	20	LDR BIAS	2.7145	2.7074	-0.0071
36	20	LDR UNBIAS	2.5696	2.5503	-0.0193
37	20	LDR UNBIAS	2.6691	2.6618	-0.0073
38	20	LDR UNBIAS	2.6917	2.7155	0.0238
39	20	LDR UNBIAS	2.8845	2.8908	0.0063
40	20	LDR UNBIAS	2.7881	2.7789	-0.0092
41	30	LDR BIAS	2.7622	2.7657	0.0035
42	30	LDR BIAS	2.9138	2.9177	0.0039
43	30	LDR BIAS	2.7986	2.8403	0.0417
44	30	LDR BIAS	2.7571	2.77	0.0129
45	30	LDR BIAS	2.7145	2.6946	-0.0199
46	30	LDR UNBIAS	2.5696	2.5603	-0.0093
47	30	LDR UNBIAS	2.6691	2.6648	-0.0043
48	30	LDR UNBIAS	2.6917	2.6788	-0.0129
49	30	LDR UNBIAS	2.8845	2.8803	-0.0042
50	30	LDR UNBIAS	2.7881	2.8101	0.022
51	50	LDR BIAS	2.7622	2.7898	0.0276
52	50	LDR BIAS	2.9138	2.9098	-0.004
53	50	LDR BIAS	2.7986	2.8316	0.033
54	50	LDR BIAS	2.7571	2.7397	-0.0174
55	50	LDR BIAS	2.7145	2.6986	-0.0159
56	50	LDR UNBIAS	2.5696	2.5652	-0.0044
57	50	LDR UNBIAS	2.6691	2.6322	-0.0369
58	50	LDR UNBIAS	2.6917	2.6752	-0.0165
59	50	LDR UNBIAS	2.8845	2.8901	0.0056
60	50	LDR UNBIAS	2.7881	2.8066	0.0185
61	100	LDR BIAS	2.7622	2.7477	-0.0145
62	100	LDR BIAS	2.9138	2.9508	0.037
63	100	LDR BIAS	2.7986	2.8198	0.0212
64	100	LDR BIAS	2.7571	2.7589	0.0018
65	100	LDR BIAS	2.7145	2.7103	-0.0042
66	100	LDR UNBIAS	2.5696	2.5915	0.0219
67	100	LDR UNBIAS	2.6691	2.6475	-0.0216
68	100	LDR UNBIAS	2.6917	2.6925	0.0008
69	100	LDR UNBIAS	2.8845	2.9028	0.0183
70	100	LDR UNBIAS	2.7881	2.5872	-0.2009

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6605	2.7345	2.8026	0.06236	2.6602	2.7346	2.8042	0.06327	-0.0013	5e-05	0.0016	0.0012069
3	2.5696	2.7549	2.9138	0.10135	2.5718	2.7566	2.9205	0.10034	-0.0999	0.00168	0.1219	0.052905
10	2.5696	2.7549	2.9138	0.10135	2.553	2.7491	2.9113	0.10356	-0.024	-0.00585	0.0185	0.013357
20	2.5696	2.7549	2.9138	0.10135	2.5503	2.7564	2.9024	0.10659	-0.0193	0.00147	0.0402	0.018374
30	2.5696	2.7549	2.9138	0.10135	2.5603	2.7583	2.9177	0.10965	-0.0199	0.00334	0.0417	0.018228
50	2.5696	2.7549	2.9138	0.10135	2.5652	2.7539	2.9098	0.11197	-0.0369	-0.00104	0.033	0.022207
100	2.5696	2.7549	2.9138	0.10135	2.5872	2.7409	2.9508	0.12239	-0.2009	-0.01402	0.037	0.06809

Device Test: 18.13 CURRENT|SS_0p3V/SS/14/14/0/1000/5/100kHz//@I_SS





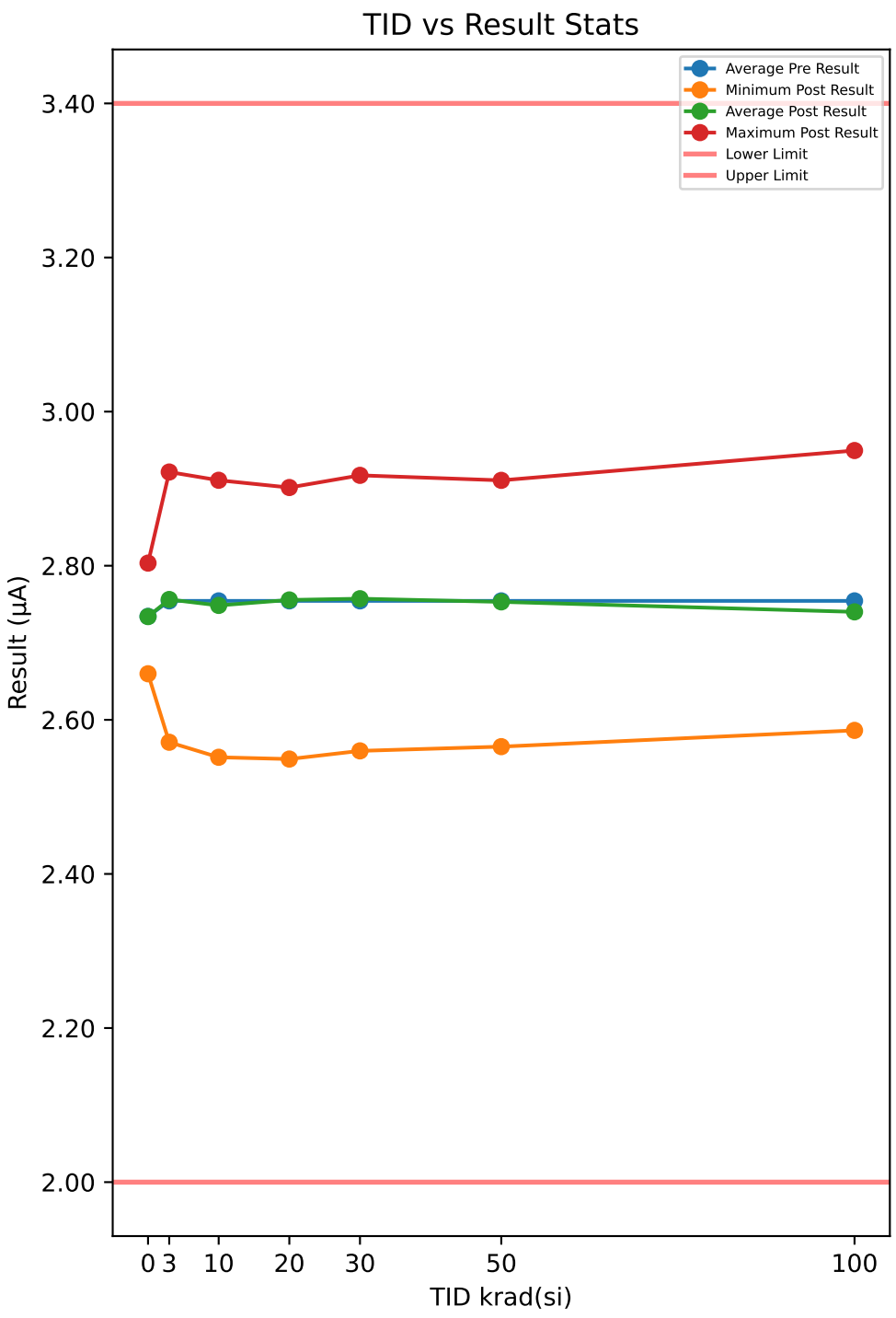
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

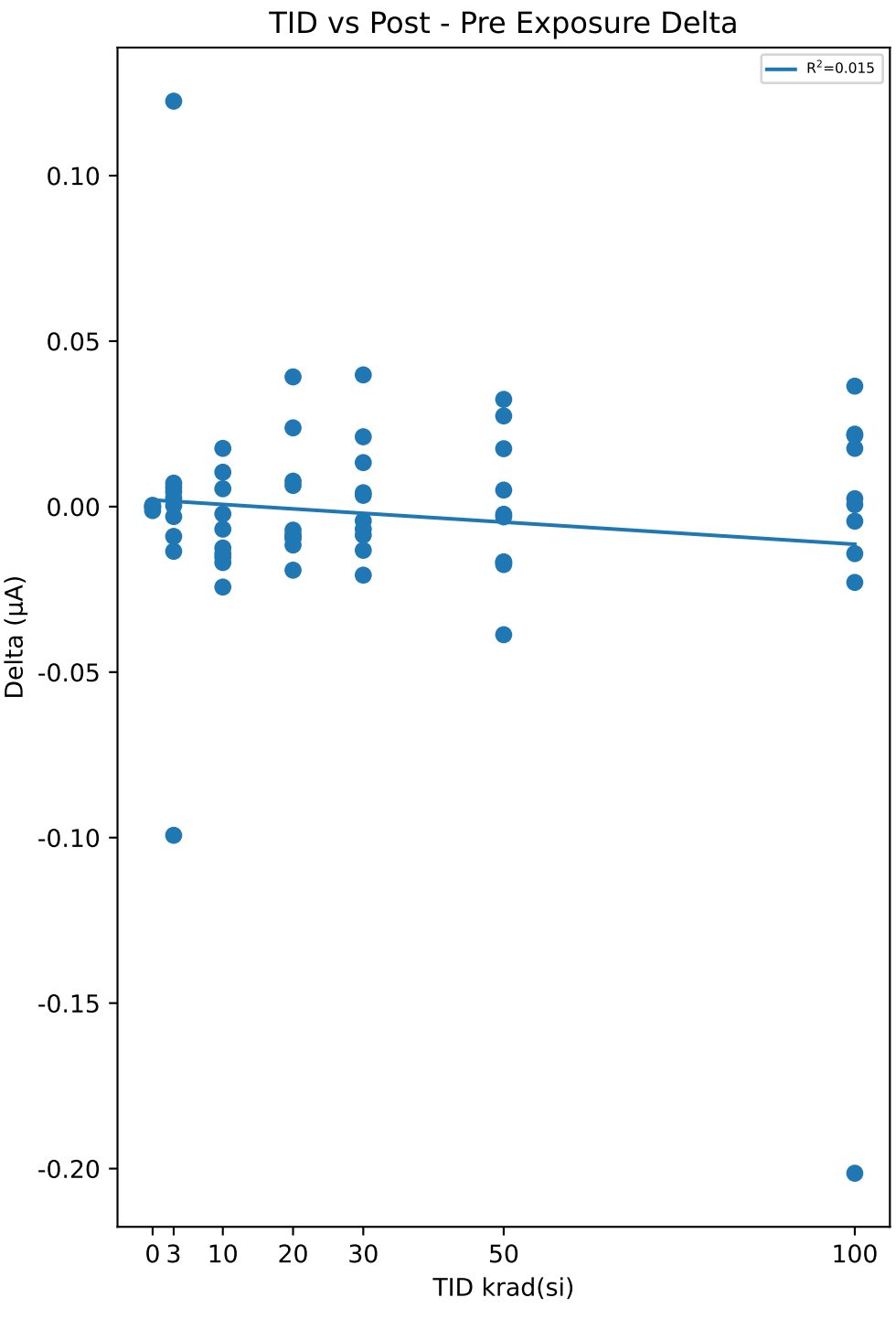
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7711	2.7677	-0.0034
2	3	LDR BIAS	2.9235	2.8233	-0.1002
3	3	LDR BIAS	2.8094	2.9319	0.1225
4	3	LDR BIAS	2.7667	2.772	0.0053
5	3	LDR BIAS	2.7233	2.7235	0.0002
6	3	LDR UNBIAS	2.578	2.5802	0.0022
7	3	LDR UNBIAS	2.6789	2.6838	0.0049
8	3	LDR UNBIAS	2.7007	2.7078	0.0071
9	3	LDR UNBIAS	2.8932	2.8834	-0.0098
10	3	LDR UNBIAS	2.7969	2.7838	-0.0131
11	0	CORRELATION	2.8126	2.8125	-0.0001
12	0	CORRELATION	2.6696	2.6685	-0.0011
13	0	CORRELATION	2.7741	2.7742	0.0001
14	0	CORRELATION	2.7183	2.7175	-0.0008
21	10	LDR BIAS	2.7711	2.7553	-0.0158
22	10	LDR BIAS	2.9235	2.9209	-0.0026
23	10	LDR BIAS	2.8094	2.8264	0.017
24	10	LDR BIAS	2.7667	2.7589	-0.0078
25	10	LDR BIAS	2.7233	2.7285	0.0052
26	10	LDR UNBIAS	2.578	2.5612	-0.0168
27	10	LDR UNBIAS	2.6789	2.6651	-0.0138
28	10	LDR UNBIAS	2.7007	2.7106	0.0099
29	10	LDR UNBIAS	2.8932	2.8803	-0.0129
30	10	LDR UNBIAS	2.7969	2.7725	-0.0244
31	20	LDR BIAS	2.7711	2.7615	-0.0096
32	20	LDR BIAS	2.9235	2.9117	-0.0118
33	20	LDR BIAS	2.8094	2.8481	0.0387
34	20	LDR BIAS	2.7667	2.774	0.0073
35	20	LDR BIAS	2.7233	2.7163	-0.007
36	20	LDR UNBIAS	2.578	2.5585	-0.0195
37	20	LDR UNBIAS	2.6789	2.6702	-0.0087
38	20	LDR UNBIAS	2.7007	2.7235	0.0228
39	20	LDR UNBIAS	2.8932	2.8989	0.0057
40	20	LDR UNBIAS	2.7969	2.7866	-0.0103
41	30	LDR BIAS	2.7711	2.7747	0.0036
42	30	LDR BIAS	2.9235	2.9275	0.004
43	30	LDR BIAS	2.8094	2.849	0.0396
44	30	LDR BIAS	2.7667	2.7793	0.0126
45	30	LDR BIAS	2.7233	2.7028	-0.0205
46	30	LDR UNBIAS	2.578	2.5694	-0.0086
47	30	LDR UNBIAS	2.6789	2.6724	-0.0065
48	30	LDR UNBIAS	2.7007	2.6874	-0.0133
49	30	LDR UNBIAS	2.8932	2.8885	-0.0047
50	30	LDR UNBIAS	2.7969	2.817	0.0201
51	50	LDR BIAS	2.7711	2.798	0.0269
52	50	LDR BIAS	2.9235	2.9201	-0.0034
53	50	LDR BIAS	2.8094	2.8396	0.0302
54	50	LDR BIAS	2.7667	2.7484	-0.0183
55	50	LDR BIAS	2.7233	2.7066	-0.0167
56	50	LDR UNBIAS	2.578	2.5747	-0.0033
57	50	LDR UNBIAS	2.6789	2.6404	-0.0385
58	50	LDR UNBIAS	2.7007	2.684	-0.0167
59	50	LDR UNBIAS	2.8932	2.8987	0.0055
60	50	LDR UNBIAS	2.7969	2.8154	0.0185
61	100	LDR BIAS	2.7711	2.7556	-0.0155
62	100	LDR BIAS	2.9235	2.9601	0.0366
63	100	LDR BIAS	2.8094	2.8302	0.0208
64	100	LDR BIAS	2.7667	2.7683	0.0016
65	100	LDR BIAS	2.7233	2.7185	-0.0048
66	100	LDR UNBIAS	2.578	2.5996	0.0216
67	100	LDR UNBIAS	2.6789	2.6551	-0.0238
68	100	LDR UNBIAS	2.7007	2.7004	-0.0003
69	100	LDR UNBIAS	2.8932	2.9095	0.0163
70	100	LDR UNBIAS	2.7969	2.5958	-0.2011

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6696	2.7437	2.8126	0.062736	2.6685	2.7432	2.8125	0.063256	-0.0011	-0.000475	0.0001	0.00056789
3	2.578	2.7642	2.9235	0.10156	2.5802	2.7657	2.9319	0.10078	-0.1002	0.00157	0.1225	0.053133
10	2.578	2.7642	2.9235	0.10156	2.5612	2.758	2.9209	0.10375	-0.0244	-0.0062	0.017	0.013255
20	2.578	2.7642	2.9235	0.10156	2.5585	2.7649	2.9117	0.10679	-0.0195	0.00076	0.0387	0.018074
30	2.578	2.7642	2.9235	0.10156	2.5694	2.7668	2.9275	0.10975	-0.0205	0.00263	0.0396	0.017721
50	2.578	2.7642	2.9235	0.10156	2.5747	2.7626	2.9201	0.11208	-0.0385	-0.00158	0.0302	0.022062
100	2.578	2.7642	2.9235	0.10156	2.5958	2.7493	2.9601	0.12258	-0.2011	-0.01486	0.0366	0.067962

Device Test: 18.17 CURRENT|SS_0p3V/SS/4.5/4.5/0/1000/4.5/500kHz//@I_SS





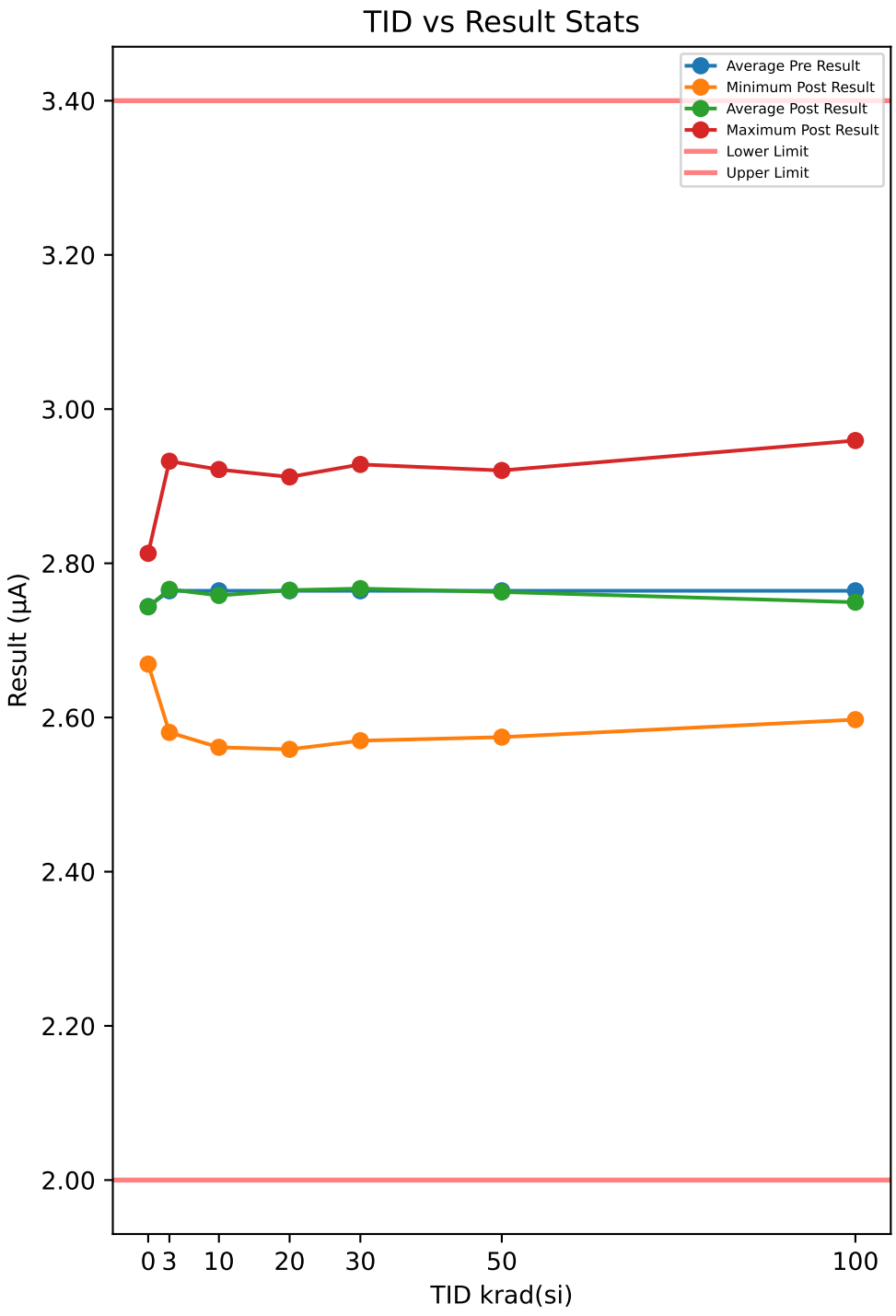
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

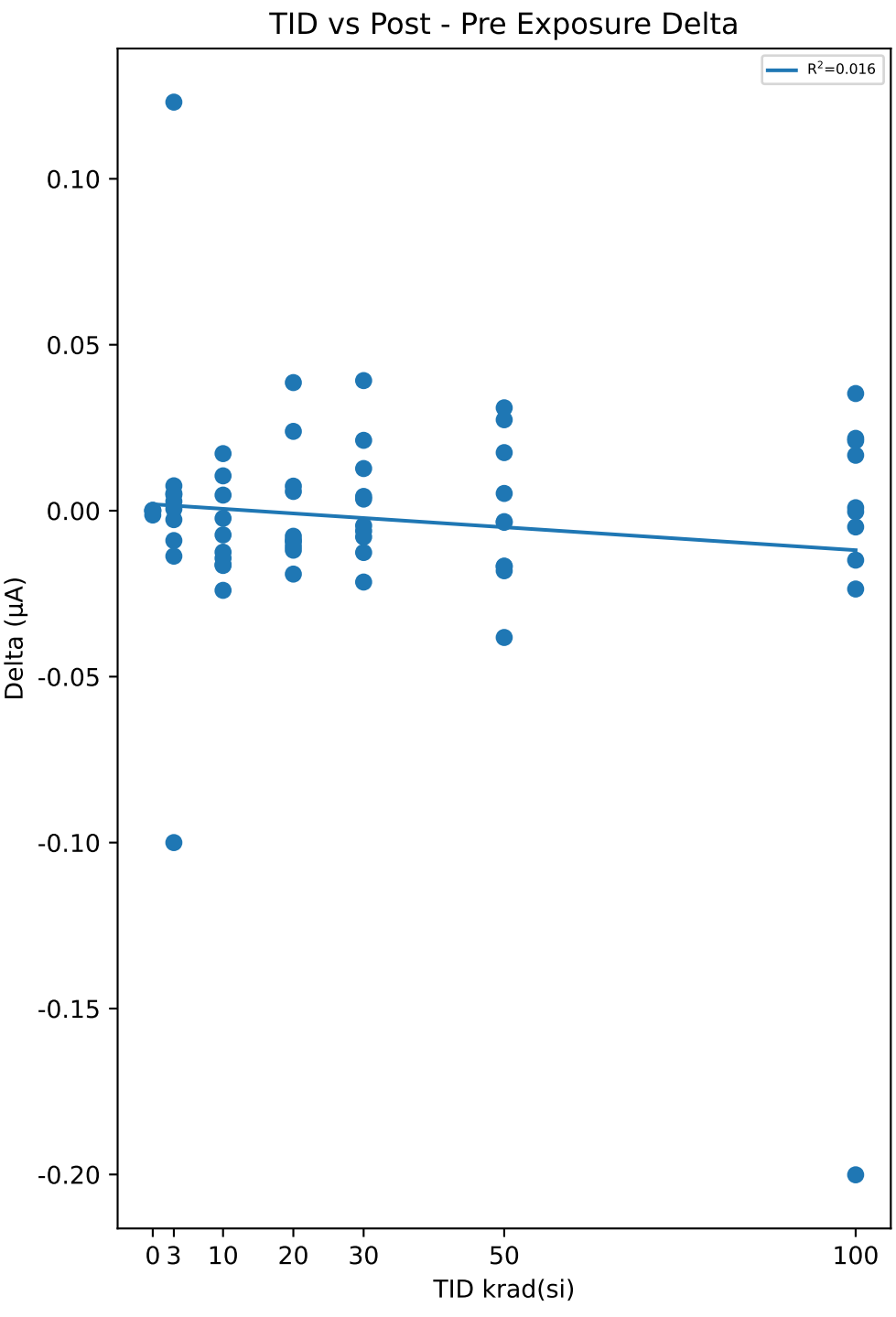
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7614	2.7584	-0.003
2	3	LDR BIAS	2.9131	2.8138	-0.0993
3	3	LDR BIAS	2.7991	2.9216	0.1225
4	3	LDR BIAS	2.7564	2.7622	0.0058
5	3	LDR BIAS	2.7139	2.7142	0.0003
6	3	LDR UNBIAS	2.5683	2.5709	0.0026
7	3	LDR UNBIAS	2.6694	2.6739	0.0045
8	3	LDR UNBIAS	2.6909	2.698	0.0071
9	3	LDR UNBIAS	2.8835	2.8745	-0.009
10	3	LDR UNBIAS	2.7877	2.7742	-0.0135
11	0	CORRELATION	2.8033	2.8034	0.0001
12	0	CORRELATION	2.6594	2.6598	0.0004
13	0	CORRELATION	2.7649	2.7647	-0.0002
14	0	CORRELATION	2.7093	2.7081	-0.0012
21	10	LDR BIAS	2.7614	2.7461	-0.0153
22	10	LDR BIAS	2.9131	2.9109	-0.0022
23	10	LDR BIAS	2.7991	2.8167	0.0176
24	10	LDR BIAS	2.7564	2.7496	-0.0068
25	10	LDR BIAS	2.7139	2.7193	0.0054
26	10	LDR UNBIAS	2.5683	2.5514	-0.0169
27	10	LDR UNBIAS	2.6694	2.6552	-0.0142
28	10	LDR UNBIAS	2.6909	2.7013	0.0104
29	10	LDR UNBIAS	2.8835	2.871	-0.0125
30	10	LDR UNBIAS	2.7877	2.7634	-0.0243
31	20	LDR BIAS	2.7614	2.7529	-0.0085
32	20	LDR BIAS	2.9131	2.9015	-0.0116
33	20	LDR BIAS	2.7991	2.8383	0.0392
34	20	LDR BIAS	2.7564	2.7641	0.0077
35	20	LDR BIAS	2.7139	2.7068	-0.0071
36	20	LDR UNBIAS	2.5683	2.5491	-0.0192
37	20	LDR UNBIAS	2.6694	2.6604	-0.009
38	20	LDR UNBIAS	2.6909	2.7147	0.0238
39	20	LDR UNBIAS	2.8835	2.8899	0.0064
40	20	LDR UNBIAS	2.7877	2.778	-0.0097
41	30	LDR BIAS	2.7614	2.7648	0.0034
42	30	LDR BIAS	2.9131	2.9173	0.0042
43	30	LDR BIAS	2.7991	2.8389	0.0398
44	30	LDR BIAS	2.7564	2.7697	0.0133
45	30	LDR BIAS	2.7139	2.6932	-0.0207
46	30	LDR UNBIAS	2.5683	2.5597	-0.0086
47	30	LDR UNBIAS	2.6694	2.6626	-0.0068
48	30	LDR UNBIAS	2.6909	2.6777	-0.0132
49	30	LDR UNBIAS	2.8835	2.8792	-0.0043
50	30	LDR UNBIAS	2.7877	2.8088	0.0211
51	50	LDR BIAS	2.7614	2.7888	0.0274
52	50	LDR BIAS	2.9131	2.9108	-0.0023
53	50	LDR BIAS	2.7991	2.8315	0.0324
54	50	LDR BIAS	2.7564	2.7389	-0.0175
55	50	LDR BIAS	2.7139	2.6971	-0.0168
56	50	LDR UNBIAS	2.5683	2.5652	-0.0031
57	50	LDR UNBIAS	2.6694	2.6307	-0.0387
58	50	LDR UNBIAS	2.6909	2.6742	-0.0167
59	50	LDR UNBIAS	2.8835	2.8885	0.005
60	50	LDR UNBIAS	2.7877	2.8052	0.0175
61	100	LDR BIAS	2.7614	2.7472	-0.0142
62	100	LDR BIAS	2.9131	2.9495	0.0364
63	100	LDR BIAS	2.7991	2.8206	0.0215
64	100	LDR BIAS	2.7564	2.7588	0.0024
65	100	LDR BIAS	2.7139	2.7095	-0.0044
66	100	LDR UNBIAS	2.5683	2.5902	0.0219
67	100	LDR UNBIAS	2.6694	2.6465	-0.0229
68	100	LDR UNBIAS	2.6909	2.6915	0.0006
69	100	LDR UNBIAS	2.8835	2.9011	0.0176
70	100	LDR UNBIAS	2.7877	2.5863	-0.2014

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6594	2.7342	2.8033	0.063067	2.6598	2.734	2.8034	0.063075	-0.0012	-0.000225	0.0004	0.00069462
3	2.5683	2.7544	2.9131	0.1014	2.5709	2.7562	2.9216	0.10072	-0.0993	0.0018	0.1225	0.052934
10	2.5683	2.7544	2.9131	0.1014	2.5514	2.7485	2.9109	0.10376	-0.0243	-0.00588	0.0176	0.013418
20	2.5683	2.7544	2.9131	0.1014	2.5491	2.7556	2.9015	0.10672	-0.0192	0.0012	0.0392	0.018227
30	2.5683	2.7544	2.9131	0.1014	2.5597	2.7572	2.9173	0.10977	-0.0207	0.00282	0.0398	0.017942
50	2.5683	2.7544	2.9131	0.1014	2.5652	2.7531	2.9108	0.11215	-0.0387	-0.00128	0.0324	0.022349
100	2.5683	2.7544	2.9131	0.1014	2.5863	2.7401	2.9495	0.1224	-0.2014	-0.01425	0.0364	0.068199

Device Test: 18.21 CURRENT|SS_0p3V/SS/5/5/0/1000/5/500kHz//@I_SS





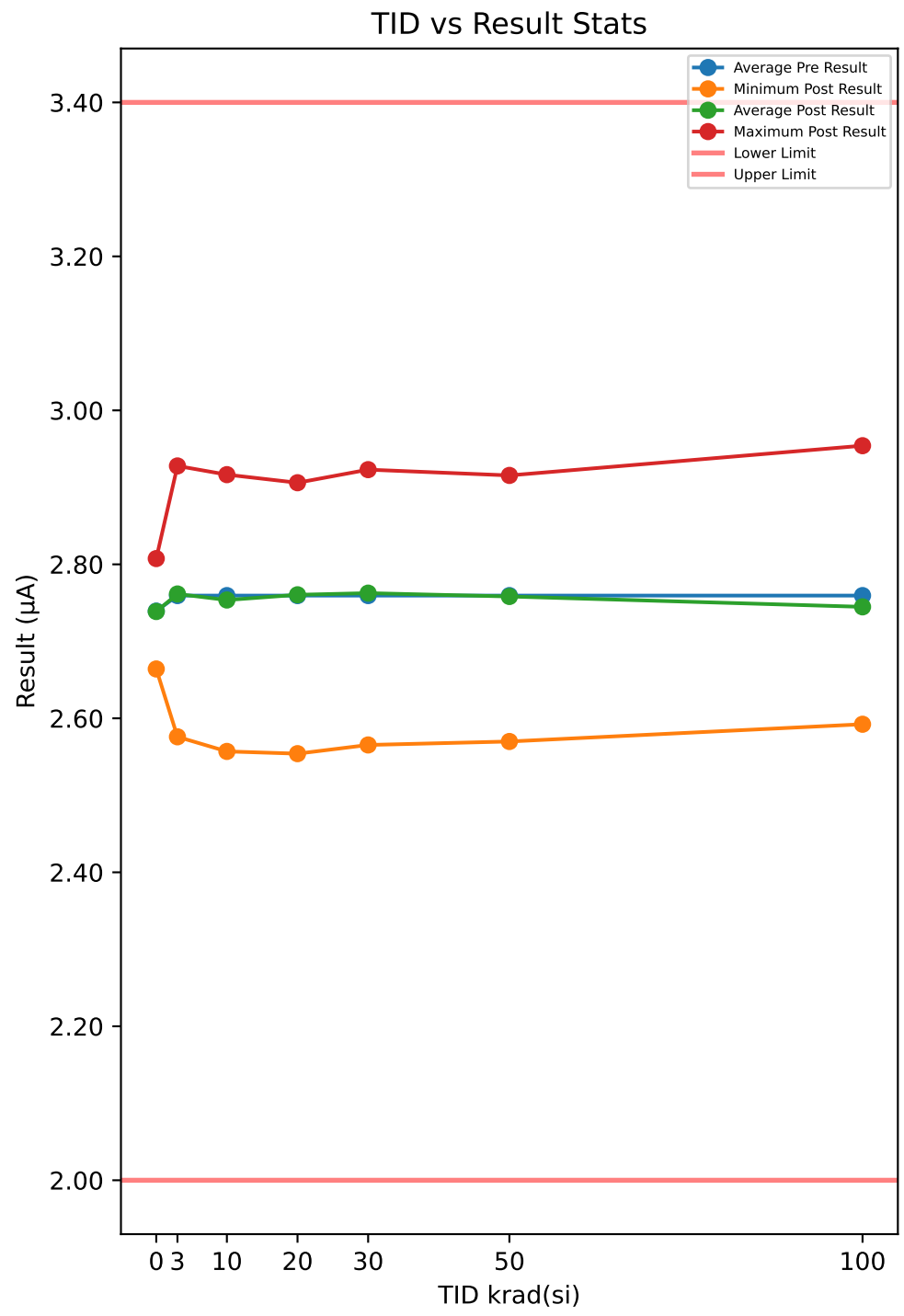
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

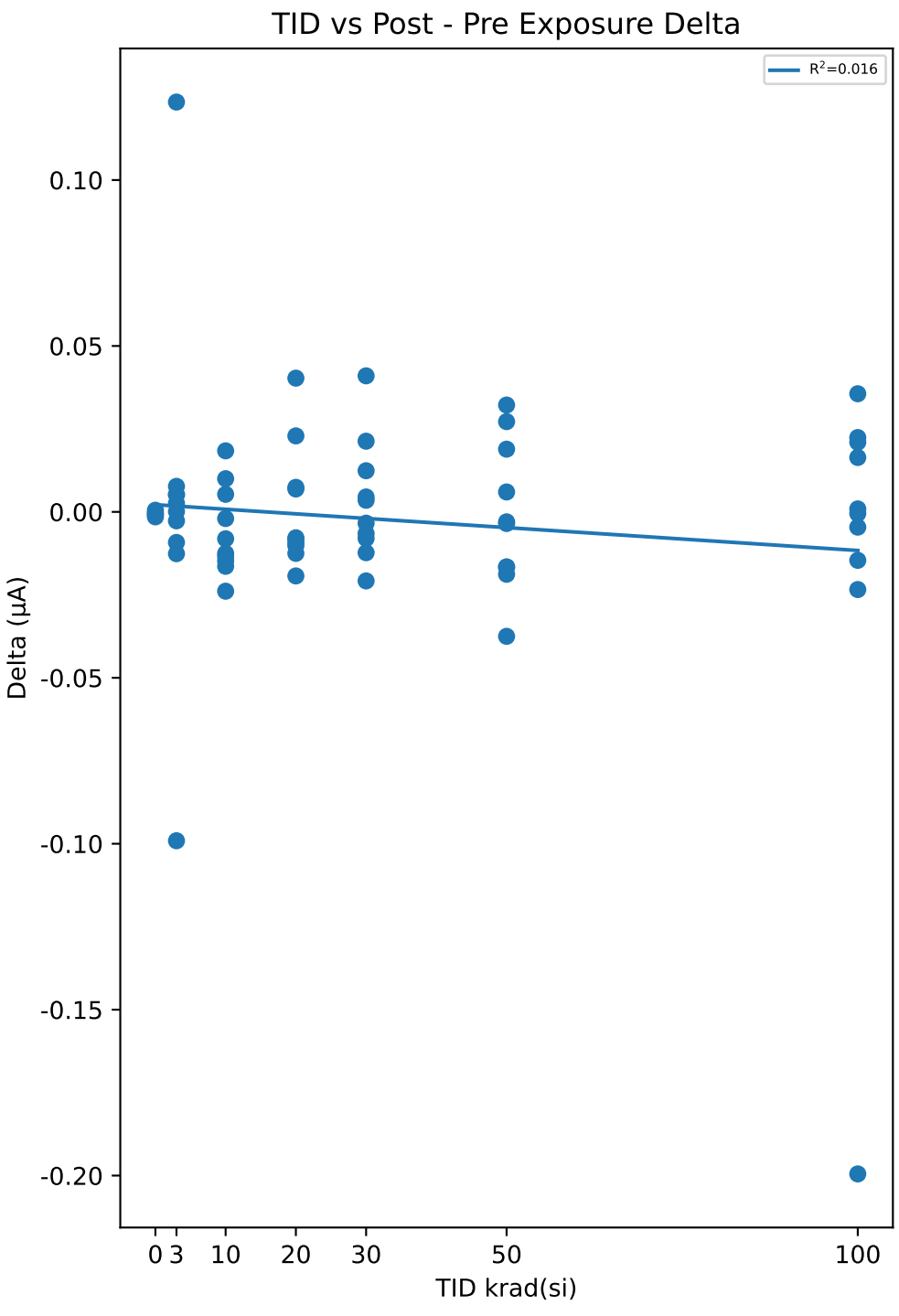
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7712	2.7685	-0.0027
2	3	LDR BIAS	2.9239	2.8239	-0.1
3	3	LDR BIAS	2.8093	2.9324	0.1231
4	3	LDR BIAS	2.7673	2.7725	0.0052
5	3	LDR BIAS	2.724	2.7245	0.0005
6	3	LDR UNBIAS	2.5778	2.5806	0.0028
7	3	LDR UNBIAS	2.679	2.6838	0.0048
8	3	LDR UNBIAS	2.7004	2.7079	0.0075
9	3	LDR UNBIAS	2.893	2.884	-0.009
10	3	LDR UNBIAS	2.7973	2.7836	-0.0137
11	0	CORRELATION	2.8128	2.8129	0.0001
12	0	CORRELATION	2.6693	2.6692	-0.0001
13	0	CORRELATION	2.7745	2.7746	0.0001
14	0	CORRELATION	2.7187	2.7174	-0.0013
21	10	LDR BIAS	2.7712	2.755	-0.0162
22	10	LDR BIAS	2.9239	2.9216	-0.0023
23	10	LDR BIAS	2.8093	2.8265	0.0172
24	10	LDR BIAS	2.7673	2.76	-0.0073
25	10	LDR BIAS	2.724	2.7287	0.0047
26	10	LDR UNBIAS	2.5778	2.5613	-0.0165
27	10	LDR UNBIAS	2.679	2.6647	-0.0143
28	10	LDR UNBIAS	2.7004	2.7109	0.0105
29	10	LDR UNBIAS	2.893	2.8805	-0.0125
30	10	LDR UNBIAS	2.7973	2.7733	-0.024
31	20	LDR BIAS	2.7712	2.7619	-0.0093
32	20	LDR BIAS	2.9239	2.912	-0.0119
33	20	LDR BIAS	2.8093	2.8479	0.0386
34	20	LDR BIAS	2.7673	2.7747	0.0074
35	20	LDR BIAS	2.724	2.7163	-0.0077
36	20	LDR UNBIAS	2.5778	2.5587	-0.0191
37	20	LDR UNBIAS	2.679	2.6701	-0.0089
38	20	LDR UNBIAS	2.7004	2.7243	0.0239
39	20	LDR UNBIAS	2.893	2.8988	0.0058
40	20	LDR UNBIAS	2.7973	2.7866	-0.0107
41	30	LDR BIAS	2.7712	2.7747	0.0035
42	30	LDR BIAS	2.9239	2.9282	0.0043
43	30	LDR BIAS	2.8093	2.8485	0.0392
44	30	LDR BIAS	2.7673	2.78	0.0127
45	30	LDR BIAS	2.724	2.7025	-0.0215
46	30	LDR UNBIAS	2.5778	2.5699	-0.0079
47	30	LDR UNBIAS	2.679	2.6729	-0.0061
48	30	LDR UNBIAS	2.7004	2.6878	-0.0126
49	30	LDR UNBIAS	2.893	2.8885	-0.0045
50	30	LDR UNBIAS	2.7973	2.8185	0.0212
51	50	LDR BIAS	2.7712	2.7986	0.0274
52	50	LDR BIAS	2.9239	2.9204	-0.0035
53	50	LDR BIAS	2.8093	2.8403	0.031
54	50	LDR BIAS	2.7673	2.7492	-0.0181
55	50	LDR BIAS	2.724	2.7072	-0.0168
56	50	LDR UNBIAS	2.5778	2.5745	-0.0033
57	50	LDR UNBIAS	2.679	2.6408	-0.0382
58	50	LDR UNBIAS	2.7004	2.6837	-0.0167
59	50	LDR UNBIAS	2.893	2.8982	0.0052
60	50	LDR UNBIAS	2.7973	2.8148	0.0175
61	100	LDR BIAS	2.7712	2.7563	-0.0149
62	100	LDR BIAS	2.9239	2.9592	0.0353
63	100	LDR BIAS	2.8093	2.8311	0.0218
64	100	LDR BIAS	2.7673	2.7682	0.0009
65	100	LDR BIAS	2.724	2.7191	-0.0049
66	100	LDR UNBIAS	2.5778	2.5989	0.0211
67	100	LDR UNBIAS	2.679	2.6554	-0.0236
68	100	LDR UNBIAS	2.7004	2.7001	-0.0003
69	100	LDR UNBIAS	2.893	2.9097	0.0167
70	100	LDR UNBIAS	2.7973	2.5972	-0.2001

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6693	2.7438	2.8128	0.062938	2.6692	2.7435	2.8129	0.063207	-0.0013	-0.0003	0.0001	0.0006733
3	2.5778	2.7643	2.9239	0.10164	2.5806	2.7662	2.9324	0.10086	-0.1	0.00185	0.1231	0.053239
10	2.5778	2.7643	2.9239	0.10164	2.5613	2.7582	2.9216	0.10391	-0.024	-0.00607	0.0172	0.013291
20	2.5778	2.7643	2.9239	0.10164	2.5587	2.7651	2.912	0.10674	-0.0191	0.00081	0.0386	0.018224
30	2.5778	2.7643	2.9239	0.10164	2.5699	2.7671	2.9282	0.10975	-0.0215	0.00283	0.0392	0.01776
50	2.5778	2.7643	2.9239	0.10164	2.5745	2.7628	2.9204	0.11207	-0.0382	-0.00155	0.031	0.022091
100	2.5778	2.7643	2.9239	0.10164	2.5972	2.7495	2.9592	0.12238	-0.2001	-0.0148	0.0353	0.067576

Device Test: 18.25 CURRENT|SS_0p3V/SS/12/12/0/1000/5/500kHz//@I_SS





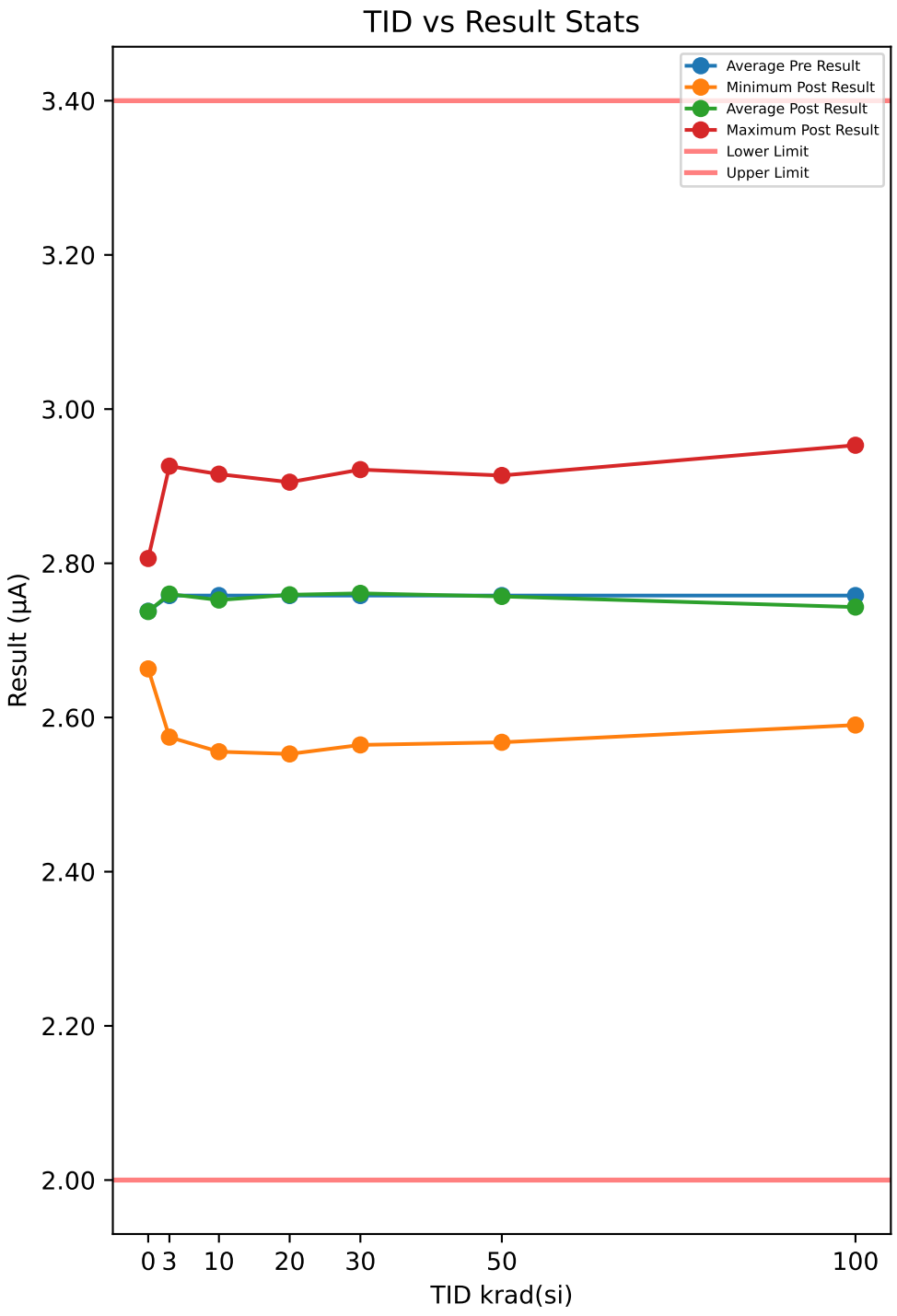
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

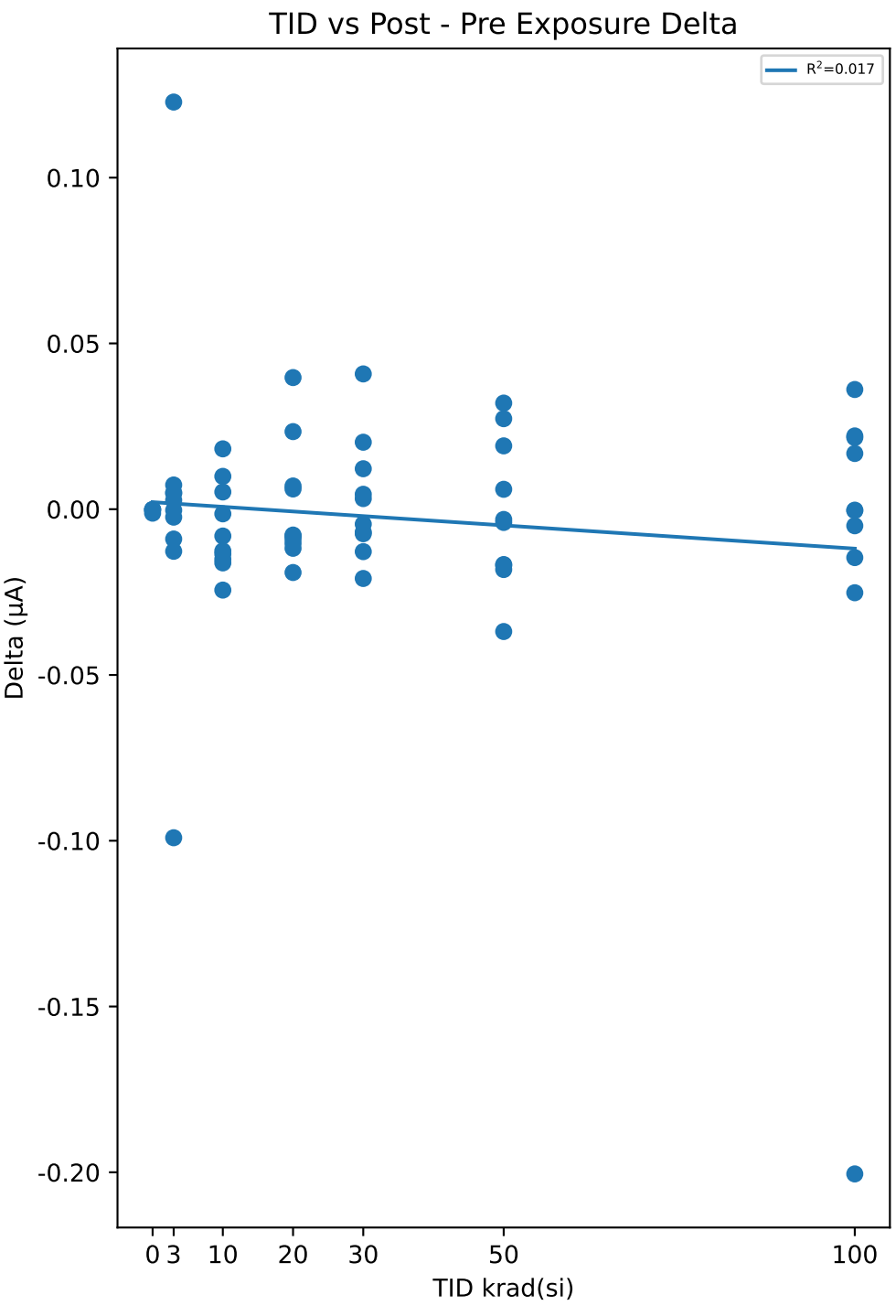
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7659	2.7632	-0.0027
2	3	LDR BIAS	2.9185	2.8194	-0.0991
3	3	LDR BIAS	2.8043	2.9278	0.1235
4	3	LDR BIAS	2.7627	2.7679	0.0052
5	3	LDR BIAS	2.7189	2.719	0.0001
6	3	LDR UNBIAS	2.5734	2.576	0.0026
7	3	LDR UNBIAS	2.6744	2.6796	0.0052
8	3	LDR UNBIAS	2.6962	2.7039	0.0077
9	3	LDR UNBIAS	2.8881	2.8789	-0.0092
10	3	LDR UNBIAS	2.7918	2.7792	-0.0126
11	0	CORRELATION	2.8079	2.8075	-0.0004
12	0	CORRELATION	2.6656	2.6641	-0.0015
13	0	CORRELATION	2.7693	2.7698	0.0005
14	0	CORRELATION	2.7143	2.7135	-0.0008
21	10	LDR BIAS	2.7659	2.7511	-0.0148
22	10	LDR BIAS	2.9185	2.9165	-0.002
23	10	LDR BIAS	2.8043	2.8227	0.0184
24	10	LDR BIAS	2.7627	2.7546	-0.0081
25	10	LDR BIAS	2.7189	2.7242	0.0053
26	10	LDR UNBIAS	2.5734	2.557	-0.0164
27	10	LDR UNBIAS	2.6744	2.661	-0.0134
28	10	LDR UNBIAS	2.6962	2.7062	0.01
29	10	LDR UNBIAS	2.8881	2.8756	-0.0125
30	10	LDR UNBIAS	2.7918	2.7679	-0.0239
31	20	LDR BIAS	2.7659	2.7566	-0.0093
32	20	LDR BIAS	2.9185	2.906	-0.0125
33	20	LDR BIAS	2.8043	2.8446	0.0403
34	20	LDR BIAS	2.7627	2.7701	0.0074
35	20	LDR BIAS	2.7189	2.7111	-0.0078
36	20	LDR UNBIAS	2.5734	2.5541	-0.0193
37	20	LDR UNBIAS	2.6744	2.6662	-0.0082
38	20	LDR UNBIAS	2.6962	2.7191	0.0229
39	20	LDR UNBIAS	2.8881	2.895	0.0069
40	20	LDR UNBIAS	2.7918	2.7816	-0.0102
41	30	LDR BIAS	2.7659	2.7694	0.0035
42	30	LDR BIAS	2.9185	2.923	0.0045
43	30	LDR BIAS	2.8043	2.8453	0.041
44	30	LDR BIAS	2.7627	2.7751	0.0124
45	30	LDR BIAS	2.7189	2.6981	-0.0208
46	30	LDR UNBIAS	2.5734	2.5654	-0.008
47	30	LDR UNBIAS	2.6744	2.6679	-0.0065
48	30	LDR UNBIAS	2.6962	2.6839	-0.0123
49	30	LDR UNBIAS	2.8881	2.8847	-0.0034
50	30	LDR UNBIAS	2.7918	2.8131	0.0213
51	50	LDR BIAS	2.7659	2.7931	0.0272
52	50	LDR BIAS	2.9185	2.9155	-0.003
53	50	LDR BIAS	2.8043	2.8365	0.0322
54	50	LDR BIAS	2.7627	2.7439	-0.0188
55	50	LDR BIAS	2.7189	2.7023	-0.0166
56	50	LDR UNBIAS	2.5734	2.5699	-0.0035
57	50	LDR UNBIAS	2.6744	2.6369	-0.0375
58	50	LDR UNBIAS	2.6962	2.6796	-0.0166
59	50	LDR UNBIAS	2.8881	2.8941	0.006
60	50	LDR UNBIAS	2.7918	2.8107	0.0189
61	100	LDR BIAS	2.7659	2.7513	-0.0146
62	100	LDR BIAS	2.9185	2.9541	0.0356
63	100	LDR BIAS	2.8043	2.8267	0.0224
64	100	LDR BIAS	2.7627	2.7636	0.0009
65	100	LDR BIAS	2.7189	2.7143	-0.0046
66	100	LDR UNBIAS	2.5734	2.5944	0.021
67	100	LDR UNBIAS	2.6744	2.651	-0.0234
68	100	LDR UNBIAS	2.6962	2.6957	-0.0005
69	100	LDR UNBIAS	2.8881	2.9045	0.0164
70	100	LDR UNBIAS	2.7918	2.5923	-0.1995

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6656	2.7393	2.8079	0.06235	2.6641	2.7387	2.8075	0.062984	-0.0015	-0.00055	0.0005	0.00083467
3	2.5734	2.7594	2.9185	0.10135	2.576	2.7615	2.9278	0.10077	-0.0991	0.00207	0.1235	0.053126
10	2.5734	2.7594	2.9185	0.10135	2.557	2.7537	2.9165	0.10368	-0.0239	-0.00574	0.0184	0.013341
20	2.5734	2.7594	2.9185	0.10135	2.5541	2.7604	2.906	0.10674	-0.0193	0.00102	0.0403	0.018523
30	2.5734	2.7594	2.9185	0.10135	2.5654	2.7626	2.923	0.10977	-0.0208	0.00317	0.041	0.018019
50	2.5734	2.7594	2.9185	0.10135	2.5699	2.7582	2.9155	0.11205	-0.0375	-0.00117	0.0322	0.022331
100	2.5734	2.7594	2.9185	0.10135	2.5923	2.7448	2.9541	0.12222	-0.1995	-0.01463	0.0356	0.067431

Device Test: 18.29 CURRENT|SS_0p3V/SS/14/14/0/1000/5/500kHz//@I_SS





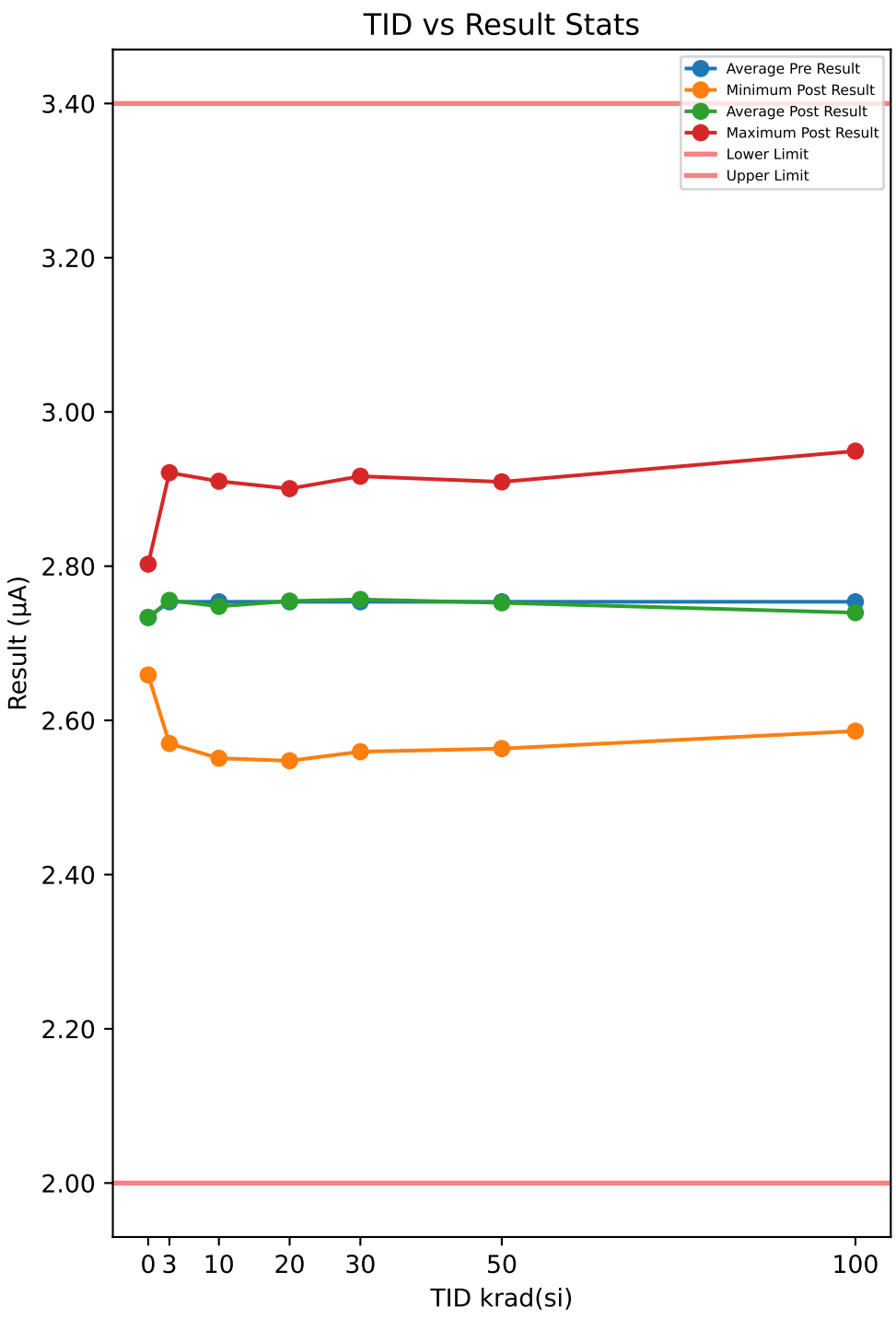
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

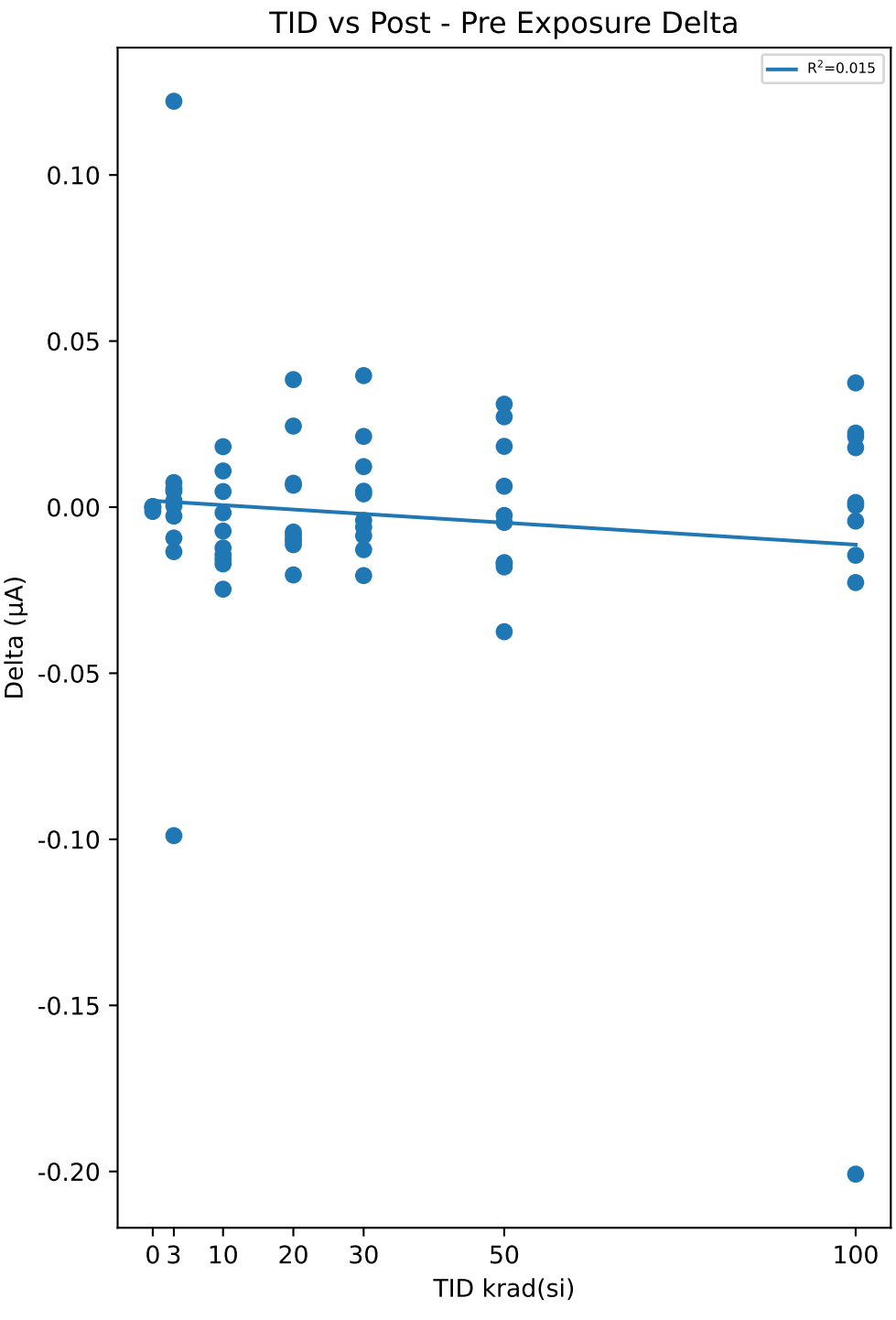
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7643	2.7619	-0.0024
2	3	LDR BIAS	2.917	2.8179	-0.0991
3	3	LDR BIAS	2.8032	2.926	0.1228
4	3	LDR BIAS	2.7617	2.7665	0.0048
5	3	LDR BIAS	2.7177	2.7174	-0.0003
6	3	LDR UNBIAS	2.5718	2.5745	0.0027
7	3	LDR UNBIAS	2.6732	2.6782	0.005
8	3	LDR UNBIAS	2.6949	2.7022	0.0073
9	3	LDR UNBIAS	2.887	2.878	-0.009
10	3	LDR UNBIAS	2.7907	2.778	-0.0127
11	0	CORRELATION	2.8064	2.8062	-0.0002
12	0	CORRELATION	2.6642	2.663	-0.0012
13	0	CORRELATION	2.7681	2.768	-0.0001
14	0	CORRELATION	2.7126	2.7125	-0.0001
21	10	LDR BIAS	2.7643	2.7492	-0.0151
22	10	LDR BIAS	2.917	2.9156	-0.0014
23	10	LDR BIAS	2.8032	2.8214	0.0182
24	10	LDR BIAS	2.7617	2.7536	-0.0081
25	10	LDR BIAS	2.7177	2.7229	0.0052
26	10	LDR UNBIAS	2.5718	2.5556	-0.0162
27	10	LDR UNBIAS	2.6732	2.6597	-0.0135
28	10	LDR UNBIAS	2.6949	2.7048	0.0099
29	10	LDR UNBIAS	2.887	2.8744	-0.0126
30	10	LDR UNBIAS	2.7907	2.7663	-0.0244
31	20	LDR BIAS	2.7643	2.7553	-0.009
32	20	LDR BIAS	2.917	2.9052	-0.0118
33	20	LDR BIAS	2.8032	2.8429	0.0397
34	20	LDR BIAS	2.7617	2.7687	0.007
35	20	LDR BIAS	2.7177	2.7099	-0.0078
36	20	LDR UNBIAS	2.5718	2.5527	-0.0191
37	20	LDR UNBIAS	2.6732	2.6651	-0.0081
38	20	LDR UNBIAS	2.6949	2.7183	0.0234
39	20	LDR UNBIAS	2.887	2.8931	0.0061
40	20	LDR UNBIAS	2.7907	2.7804	-0.0103
41	30	LDR BIAS	2.7643	2.7675	0.0032
42	30	LDR BIAS	2.917	2.9215	0.0045
43	30	LDR BIAS	2.8032	2.844	0.0408
44	30	LDR BIAS	2.7617	2.7739	0.0122
45	30	LDR BIAS	2.7177	2.6968	-0.0209
46	30	LDR UNBIAS	2.5718	2.5644	-0.0074
47	30	LDR UNBIAS	2.6732	2.6663	-0.0069
48	30	LDR UNBIAS	2.6949	2.6821	-0.0128
49	30	LDR UNBIAS	2.887	2.8825	-0.0045
50	30	LDR UNBIAS	2.7907	2.8109	0.0202
51	50	LDR BIAS	2.7643	2.7916	0.0273
52	50	LDR BIAS	2.917	2.9139	-0.0031
53	50	LDR BIAS	2.8032	2.8352	0.032
54	50	LDR BIAS	2.7617	2.7435	-0.0182
55	50	LDR BIAS	2.7177	2.7008	-0.0169
56	50	LDR UNBIAS	2.5718	2.5678	-0.004
57	50	LDR UNBIAS	2.6732	2.6363	-0.0369
58	50	LDR UNBIAS	2.6949	2.6782	-0.0167
59	50	LDR UNBIAS	2.887	2.893	0.006
60	50	LDR UNBIAS	2.7907	2.8098	0.0191
61	100	LDR BIAS	2.7643	2.7497	-0.0146
62	100	LDR BIAS	2.917	2.9531	0.0361
63	100	LDR BIAS	2.8032	2.8253	0.0221
64	100	LDR BIAS	2.7617	2.7613	-0.0004
65	100	LDR BIAS	2.7177	2.7127	-0.005
66	100	LDR UNBIAS	2.5718	2.5934	0.0216
67	100	LDR UNBIAS	2.6732	2.648	-0.0252
68	100	LDR UNBIAS	2.6949	2.6946	-0.0003
69	100	LDR UNBIAS	2.887	2.9038	0.0168
70	100	LDR UNBIAS	2.7907	2.5902	-0.2005

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6642	2.7378	2.8064	0.062386	2.663	2.7374	2.8062	0.062783	-0.0012	-0.0004	-0.0001	0.00053541
3	2.5718	2.7581	2.917	0.10141	2.5745	2.7601	2.926	0.10081	-0.0991	0.00191	0.1228	0.052937
10	2.5718	2.7581	2.917	0.10141	2.5556	2.7524	2.9156	0.10379	-0.0244	-0.0058	0.0182	0.013393
20	2.5718	2.7581	2.917	0.10141	2.5527	2.7592	2.9052	0.10667	-0.0191	0.00101	0.0397	0.01831
30	2.5718	2.7581	2.917	0.10141	2.5644	2.761	2.9215	0.10958	-0.0209	0.00284	0.0408	0.017934
50	2.5718	2.7581	2.917	0.10141	2.5678	2.757	2.9139	0.11212	-0.0369	-0.00114	0.032	0.022211
100	2.5718	2.7581	2.917	0.10141	2.5902	2.7432	2.9531	0.12255	-0.2005	-0.01494	0.0361	0.067809

Device Test: 18.33 CURRENT|SS_0p3V/SS/4.5/4.5/0/1000/4.5/1MHz//@I_SS





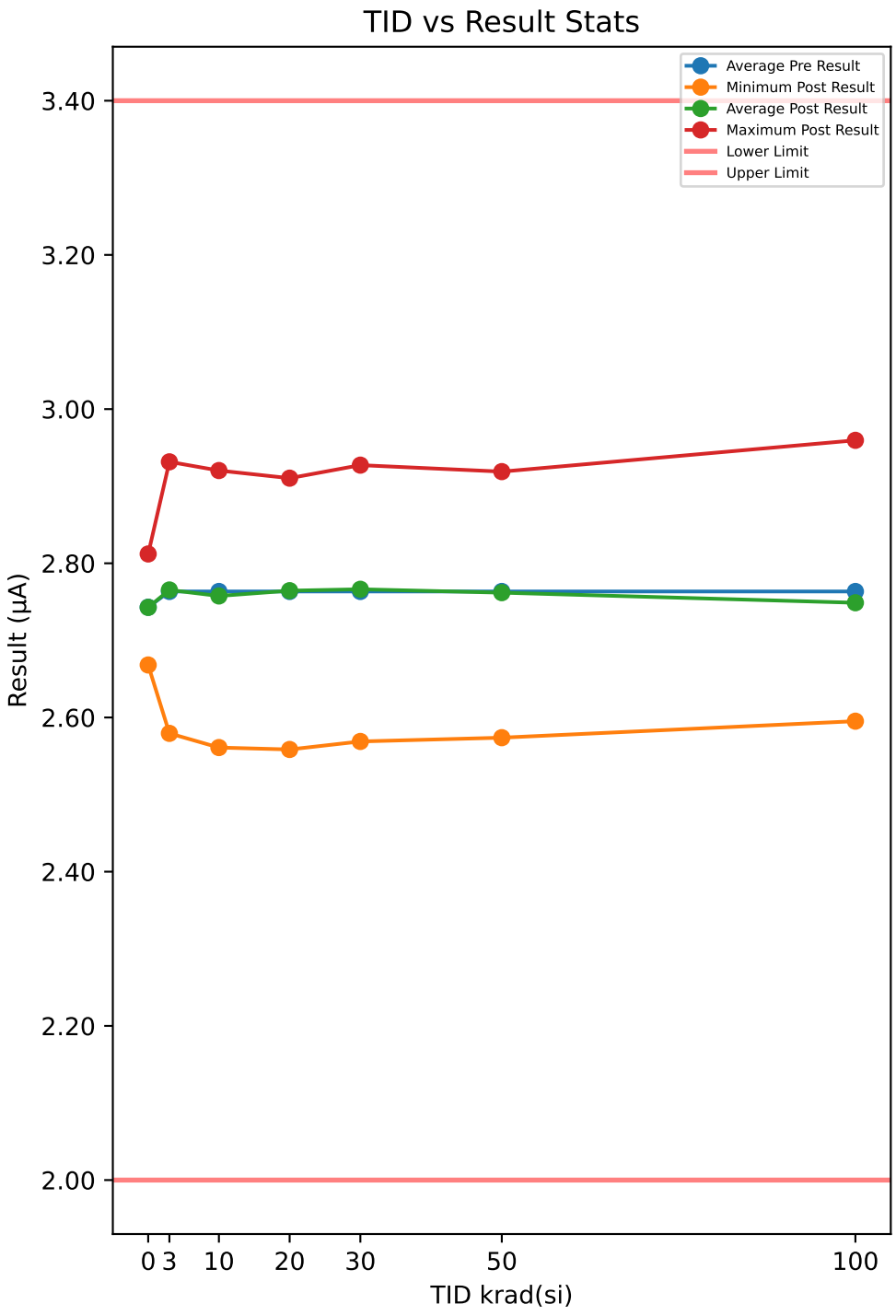
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

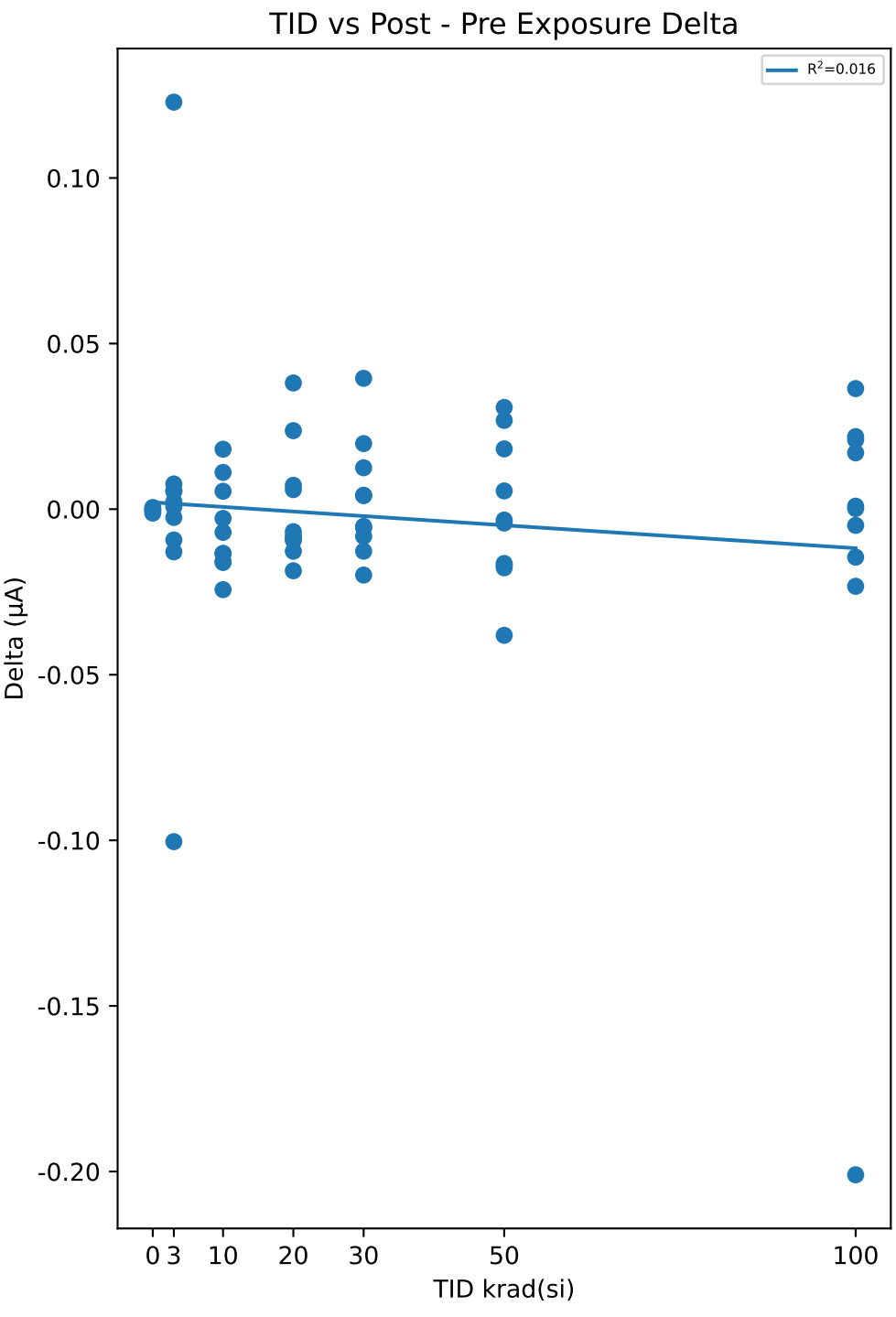
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7611	2.7584	-0.0027
2	3	LDR BIAS	2.9118	2.8129	-0.0989
3	3	LDR BIAS	2.799	2.9212	0.1222
4	3	LDR BIAS	2.7563	2.7619	0.0056
5	3	LDR BIAS	2.7135	2.7139	0.0004
6	3	LDR UNBIAS	2.568	2.57	0.002
7	3	LDR UNBIAS	2.6687	2.6735	0.0048
8	3	LDR UNBIAS	2.6899	2.6973	0.0074
9	3	LDR UNBIAS	2.8828	2.8735	-0.0093
10	3	LDR UNBIAS	2.7869	2.7735	-0.0134
11	0	CORRELATION	2.8024	2.8026	0.0002
12	0	CORRELATION	2.6591	2.6589	-0.0002
13	0	CORRELATION	2.7641	2.7642	0.0001
14	0	CORRELATION	2.7088	2.7075	-0.0013
21	10	LDR BIAS	2.7611	2.7454	-0.0157
22	10	LDR BIAS	2.9118	2.9101	-0.0017
23	10	LDR BIAS	2.799	2.8172	0.0182
24	10	LDR BIAS	2.7563	2.7491	-0.0072
25	10	LDR BIAS	2.7135	2.7182	0.0047
26	10	LDR UNBIAS	2.568	2.5509	-0.0171
27	10	LDR UNBIAS	2.6687	2.6544	-0.0143
28	10	LDR UNBIAS	2.6899	2.7008	0.0109
29	10	LDR UNBIAS	2.8828	2.8705	-0.0123
30	10	LDR UNBIAS	2.7869	2.7622	-0.0247
31	20	LDR BIAS	2.7611	2.7516	-0.0095
32	20	LDR BIAS	2.9118	2.9005	-0.0113
33	20	LDR BIAS	2.799	2.8374	0.0384
34	20	LDR BIAS	2.7563	2.7635	0.0072
35	20	LDR BIAS	2.7135	2.706	-0.0075
36	20	LDR UNBIAS	2.568	2.5476	-0.0204
37	20	LDR UNBIAS	2.6687	2.6603	-0.0084
38	20	LDR UNBIAS	2.6899	2.7143	0.0244
39	20	LDR UNBIAS	2.8828	2.8894	0.0066
40	20	LDR UNBIAS	2.7869	2.7767	-0.0102
41	30	LDR BIAS	2.7611	2.7651	0.004
42	30	LDR BIAS	2.9118	2.9166	0.0048
43	30	LDR BIAS	2.799	2.8386	0.0396
44	30	LDR BIAS	2.7563	2.7685	0.0122
45	30	LDR BIAS	2.7135	2.6929	-0.0206
46	30	LDR UNBIAS	2.568	2.5594	-0.0086
47	30	LDR UNBIAS	2.6687	2.6627	-0.006
48	30	LDR UNBIAS	2.6899	2.6771	-0.0128
49	30	LDR UNBIAS	2.8828	2.8788	-0.004
50	30	LDR UNBIAS	2.7869	2.8082	0.0213
51	50	LDR BIAS	2.7611	2.7883	0.0272
52	50	LDR BIAS	2.9118	2.9093	-0.0025
53	50	LDR BIAS	2.799	2.83	0.031
54	50	LDR BIAS	2.7563	2.7383	-0.018
55	50	LDR BIAS	2.7135	2.6965	-0.017
56	50	LDR UNBIAS	2.568	2.5634	-0.0046
57	50	LDR UNBIAS	2.6687	2.6312	-0.0375
58	50	LDR UNBIAS	2.6899	2.6732	-0.0167
59	50	LDR UNBIAS	2.8828	2.8891	0.0063
60	50	LDR UNBIAS	2.7869	2.8052	0.0183
61	100	LDR BIAS	2.7611	2.7466	-0.0145
62	100	LDR BIAS	2.9118	2.9492	0.0374
63	100	LDR BIAS	2.799	2.8213	0.0223
64	100	LDR BIAS	2.7563	2.7577	0.0014
65	100	LDR BIAS	2.7135	2.7093	-0.0042
66	100	LDR UNBIAS	2.568	2.5892	0.0212
67	100	LDR UNBIAS	2.6687	2.646	-0.0227
68	100	LDR UNBIAS	2.6899	2.6904	0.0005
69	100	LDR UNBIAS	2.8828	2.9007	0.0179
70	100	LDR UNBIAS	2.7869	2.5861	-0.2008

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6591	2.7336	2.8024	0.062793	2.6589	2.7333	2.8026	0.063136	-0.0013	-0.0003	0.0002	0.00068799
3	2.568	2.7538	2.9118	0.10126	2.57	2.7556	2.9212	0.10072	-0.0989	0.00181	0.1222	0.052776
10	2.568	2.7538	2.9118	0.10126	2.5509	2.7479	2.9101	0.10382	-0.0247	-0.00592	0.0182	0.013667
20	2.568	2.7538	2.9118	0.10126	2.5476	2.7547	2.9005	0.10678	-0.0204	0.00093	0.0384	0.018323
30	2.568	2.7538	2.9118	0.10126	2.5594	2.7568	2.9166	0.10965	-0.0206	0.00299	0.0396	0.017747
50	2.568	2.7538	2.9118	0.10126	2.5634	2.7525	2.9093	0.11225	-0.0375	-0.00135	0.031	0.022067
100	2.568	2.7538	2.9118	0.10126	2.5861	2.7397	2.9492	0.12257	-0.2008	-0.01415	0.0374	0.068093

Device Test: 18.37 CURRENT|SS_0p3V/SS/5/5/0/1000/5/1MHz//@I_SS





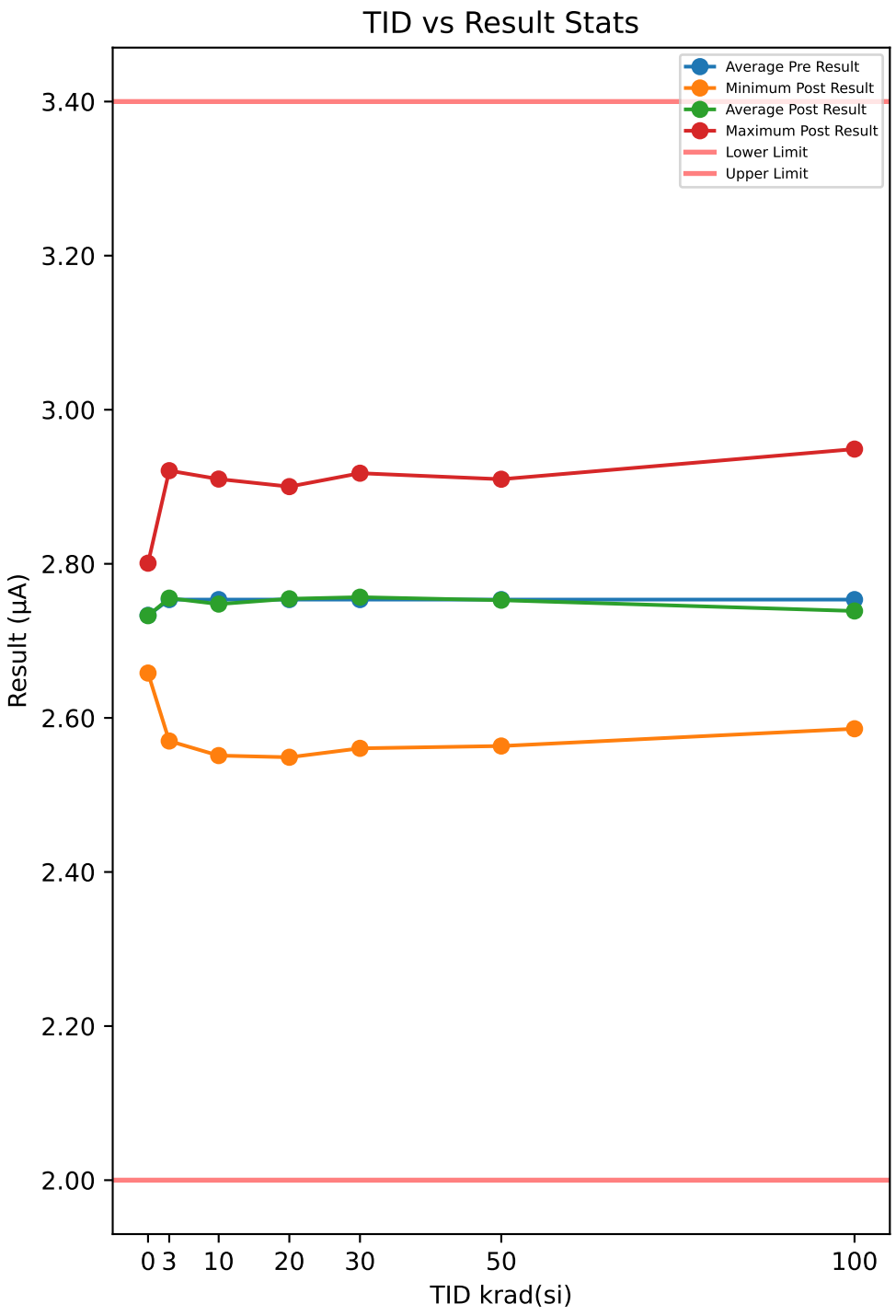
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

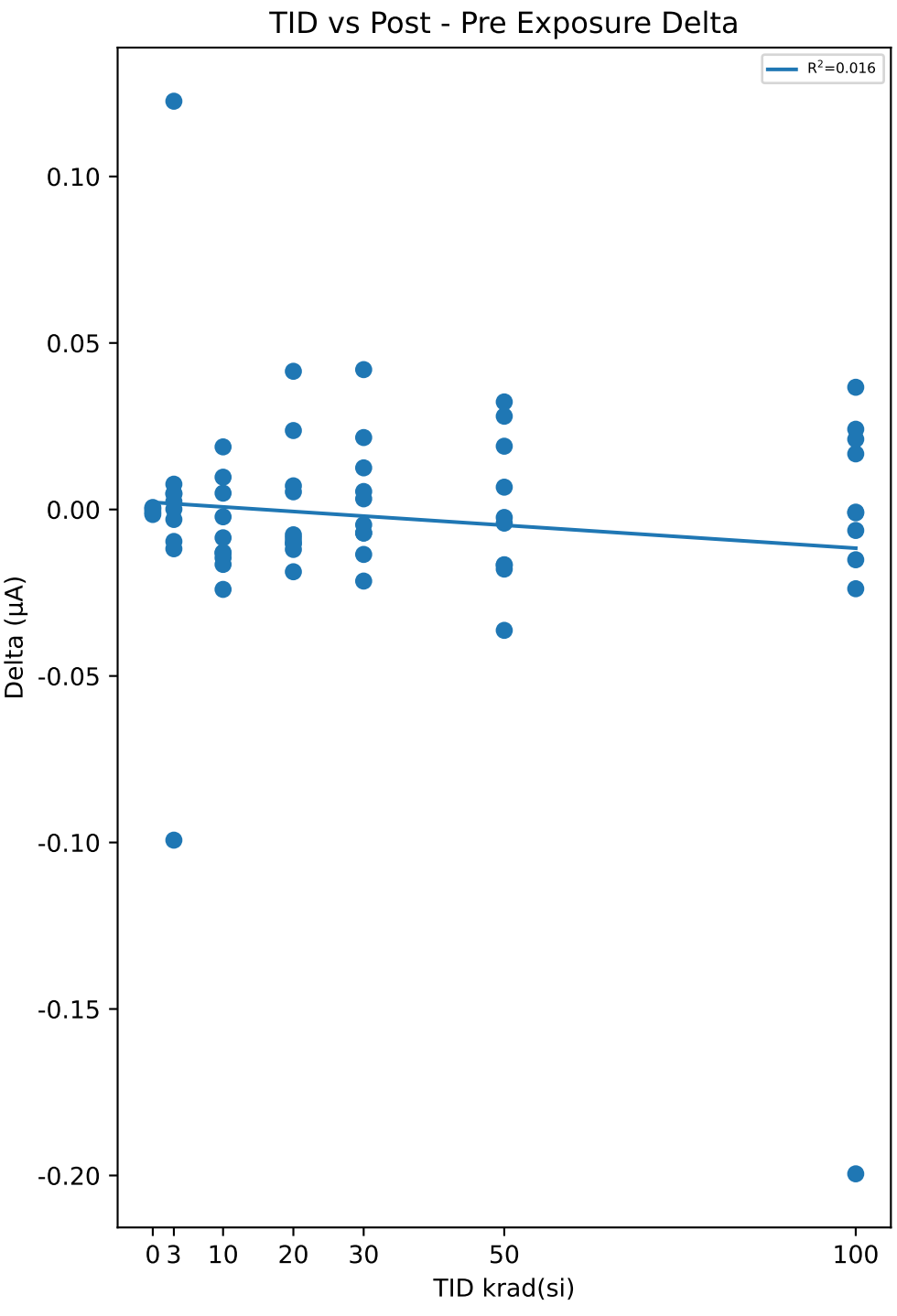
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7701	2.7676	-0.0025
2	3	LDR BIAS	2.9231	2.8227	-0.1004
3	3	LDR BIAS	2.8087	2.9316	0.1229
4	3	LDR BIAS	2.7663	2.7719	0.0056
5	3	LDR BIAS	2.723	2.7237	0.0007
6	3	LDR UNBIAS	2.5771	2.5794	0.0023
7	3	LDR UNBIAS	2.6776	2.683	0.0054
8	3	LDR UNBIAS	2.6997	2.7073	0.0076
9	3	LDR UNBIAS	2.8927	2.8834	-0.0093
10	3	LDR UNBIAS	2.7962	2.7833	-0.0129
11	0	CORRELATION	2.8121	2.8121	0
12	0	CORRELATION	2.6685	2.6681	-0.0004
13	0	CORRELATION	2.7736	2.7741	0.0005
14	0	CORRELATION	2.718	2.7168	-0.0012
21	10	LDR BIAS	2.7701	2.7543	-0.0158
22	10	LDR BIAS	2.9231	2.9203	-0.0028
23	10	LDR BIAS	2.8087	2.8268	0.0181
24	10	LDR BIAS	2.7663	2.7593	-0.007
25	10	LDR BIAS	2.723	2.7284	0.0054
26	10	LDR UNBIAS	2.5771	2.561	-0.0161
27	10	LDR UNBIAS	2.6776	2.6642	-0.0134
28	10	LDR UNBIAS	2.6997	2.7108	0.0111
29	10	LDR UNBIAS	2.8927	2.8793	-0.0134
30	10	LDR UNBIAS	2.7962	2.7719	-0.0243
31	20	LDR BIAS	2.7701	2.7611	-0.009
32	20	LDR BIAS	2.9231	2.9104	-0.0127
33	20	LDR BIAS	2.8087	2.8468	0.0381
34	20	LDR BIAS	2.7663	2.7735	0.0072
35	20	LDR BIAS	2.723	2.7162	-0.0068
36	20	LDR UNBIAS	2.5771	2.5585	-0.0186
37	20	LDR UNBIAS	2.6776	2.6694	-0.0082
38	20	LDR UNBIAS	2.6997	2.7234	0.0237
39	20	LDR UNBIAS	2.8927	2.8986	0.0059
40	20	LDR UNBIAS	2.7962	2.7868	-0.0094
41	30	LDR BIAS	2.7701	2.7742	0.0041
42	30	LDR BIAS	2.9231	2.9273	0.0042
43	30	LDR BIAS	2.8087	2.8482	0.0395
44	30	LDR BIAS	2.7663	2.7788	0.0125
45	30	LDR BIAS	2.723	2.7031	-0.0199
46	30	LDR UNBIAS	2.5771	2.5689	-0.0082
47	30	LDR UNBIAS	2.6776	2.6719	-0.0057
48	30	LDR UNBIAS	2.6997	2.687	-0.0127
49	30	LDR UNBIAS	2.8927	2.8875	-0.0052
50	30	LDR UNBIAS	2.7962	2.816	0.0198
51	50	LDR BIAS	2.7701	2.7969	0.0268
52	50	LDR BIAS	2.9231	2.9189	-0.0042
53	50	LDR BIAS	2.8087	2.8394	0.0307
54	50	LDR BIAS	2.7663	2.7486	-0.0177
55	50	LDR BIAS	2.723	2.706	-0.017
56	50	LDR UNBIAS	2.5771	2.5738	-0.0033
57	50	LDR UNBIAS	2.6776	2.6395	-0.0381
58	50	LDR UNBIAS	2.6997	2.6833	-0.0164
59	50	LDR UNBIAS	2.8927	2.8982	0.0055
60	50	LDR UNBIAS	2.7962	2.8144	0.0182
61	100	LDR BIAS	2.7701	2.7556	-0.0145
62	100	LDR BIAS	2.9231	2.9595	0.0364
63	100	LDR BIAS	2.8087	2.8306	0.0219
64	100	LDR BIAS	2.7663	2.7672	0.0009
65	100	LDR BIAS	2.723	2.7181	-0.0049
66	100	LDR UNBIAS	2.5771	2.598	0.0209
67	100	LDR UNBIAS	2.6776	2.6543	-0.0233
68	100	LDR UNBIAS	2.6997	2.6999	0.0002
69	100	LDR UNBIAS	2.8927	2.9097	0.017
70	100	LDR UNBIAS	2.7962	2.5952	-0.201

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6685	2.7431	2.8121	0.062946	2.6681	2.7428	2.8121	0.063346	-0.0012	-0.000275	0.0005	0.00071822
3	2.5771	2.7634	2.9231	0.10174	2.5794	2.7654	2.9316	0.10094	-0.1004	0.00194	0.1229	0.053261
10	2.5771	2.7634	2.9231	0.10174	2.561	2.7576	2.9203	0.10366	-0.0243	-0.00582	0.0181	0.013567
20	2.5771	2.7634	2.9231	0.10174	2.5585	2.7645	2.9104	0.10653	-0.0186	0.00102	0.0381	0.017887
30	2.5771	2.7634	2.9231	0.10174	2.5689	2.7663	2.9273	0.10963	-0.0199	0.00284	0.0395	0.017469
50	2.5771	2.7634	2.9231	0.10174	2.5738	2.7619	2.9189	0.11208	-0.0381	-0.00155	0.0307	0.021984
100	2.5771	2.7634	2.9231	0.10174	2.5952	2.7488	2.9595	0.12291	-0.201	-0.01464	0.0364	0.067959

Device Test: 18.41 CURRENT|SS_0p3V/SS/12/12/0/1000/5/1MHz//@I_SS





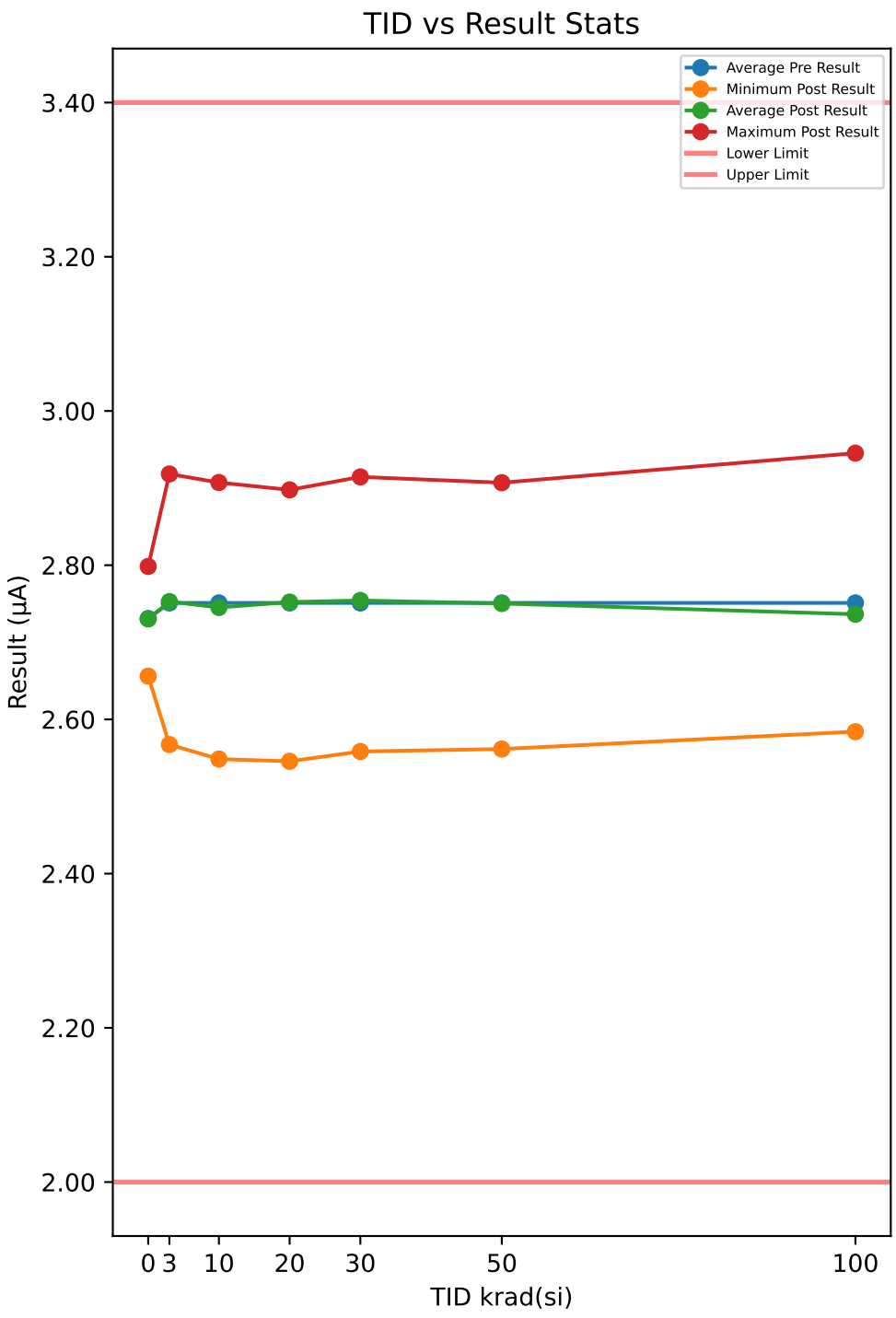
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

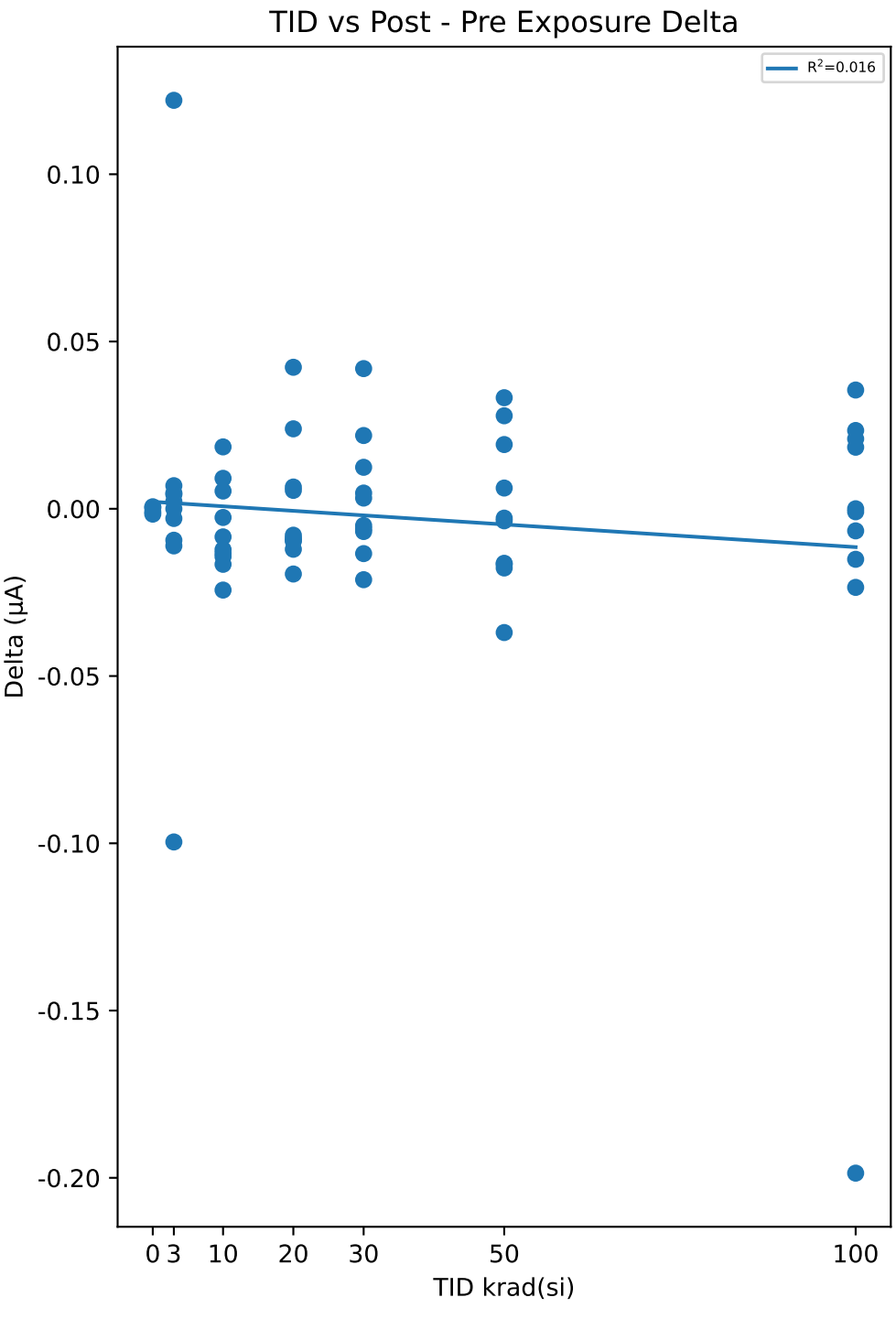
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7595	2.7565	-0.003
2	3	LDR BIAS	2.9122	2.8129	-0.0993
3	3	LDR BIAS	2.7983	2.9209	0.1226
4	3	LDR BIAS	2.7574	2.7621	0.0047
5	3	LDR BIAS	2.7133	2.7134	0.0001
6	3	LDR UNBIAS	2.5676	2.57	0.0024
7	3	LDR UNBIAS	2.6688	2.6736	0.0048
8	3	LDR UNBIAS	2.6908	2.6984	0.0076
9	3	LDR UNBIAS	2.8823	2.8727	-0.0096
10	3	LDR UNBIAS	2.7854	2.7736	-0.0118
11	0	CORRELATION	2.8016	2.8008	-0.0008
12	0	CORRELATION	2.6597	2.6582	-0.0015
13	0	CORRELATION	2.7629	2.7635	0.0006
14	0	CORRELATION	2.7081	2.7082	0.0001
21	10	LDR BIAS	2.7595	2.745	-0.0145
22	10	LDR BIAS	2.9122	2.91	-0.0022
23	10	LDR BIAS	2.7983	2.8171	0.0188
24	10	LDR BIAS	2.7574	2.7489	-0.0085
25	10	LDR BIAS	2.7133	2.7182	0.0049
26	10	LDR UNBIAS	2.5676	2.5511	-0.0165
27	10	LDR UNBIAS	2.6688	2.6557	-0.0131
28	10	LDR UNBIAS	2.6908	2.7005	0.0097
29	10	LDR UNBIAS	2.8823	2.8694	-0.0129
30	10	LDR UNBIAS	2.7854	2.7614	-0.024
31	20	LDR BIAS	2.7595	2.7492	-0.0103
32	20	LDR BIAS	2.9122	2.9002	-0.012
33	20	LDR BIAS	2.7983	2.8398	0.0415
34	20	LDR BIAS	2.7574	2.7645	0.0071
35	20	LDR BIAS	2.7133	2.7057	-0.0076
36	20	LDR UNBIAS	2.5676	2.5489	-0.0187
37	20	LDR UNBIAS	2.6688	2.6601	-0.0087
38	20	LDR UNBIAS	2.6908	2.7145	0.0237
39	20	LDR UNBIAS	2.8823	2.8876	0.0053
40	20	LDR UNBIAS	2.7854	2.7755	-0.0099
41	30	LDR BIAS	2.7595	2.7627	0.0032
42	30	LDR BIAS	2.9122	2.9176	0.0054
43	30	LDR BIAS	2.7983	2.8403	0.042
44	30	LDR BIAS	2.7574	2.7699	0.0125
45	30	LDR BIAS	2.7133	2.6918	-0.0215
46	30	LDR UNBIAS	2.5676	2.5605	-0.0071
47	30	LDR UNBIAS	2.6688	2.6618	-0.007
48	30	LDR UNBIAS	2.6908	2.6773	-0.0135
49	30	LDR UNBIAS	2.8823	2.8777	-0.0046
50	30	LDR UNBIAS	2.7854	2.807	0.0216
51	50	LDR BIAS	2.7595	2.7875	0.028
52	50	LDR BIAS	2.9122	2.9098	-0.0024
53	50	LDR BIAS	2.7983	2.8306	0.0323
54	50	LDR BIAS	2.7574	2.7395	-0.0179
55	50	LDR BIAS	2.7133	2.6966	-0.0167
56	50	LDR UNBIAS	2.5676	2.5635	-0.0041
57	50	LDR UNBIAS	2.6688	2.6325	-0.0363
58	50	LDR UNBIAS	2.6908	2.6742	-0.0166
59	50	LDR UNBIAS	2.8823	2.889	0.0067
60	50	LDR UNBIAS	2.7854	2.8044	0.019
61	100	LDR BIAS	2.7595	2.7444	-0.0151
62	100	LDR BIAS	2.9122	2.9489	0.0367
63	100	LDR BIAS	2.7983	2.8224	0.0241
64	100	LDR BIAS	2.7574	2.7564	-0.001
65	100	LDR BIAS	2.7133	2.707	-0.0063
66	100	LDR UNBIAS	2.5676	2.5887	0.0211
67	100	LDR UNBIAS	2.6688	2.645	-0.0238
68	100	LDR UNBIAS	2.6908	2.69	-0.0008
69	100	LDR UNBIAS	2.8823	2.899	0.0167
70	100	LDR UNBIAS	2.7854	2.5859	-0.1995

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6597	2.7331	2.8016	0.062163	2.6582	2.7327	2.8008	0.062548	-0.0015	-0.0004	0.0006	0.00093452
3	2.5676	2.7536	2.9122	0.10118	2.57	2.7554	2.9209	0.1005	-0.0993	0.00185	0.1226	0.052921
10	2.5676	2.7536	2.9122	0.10118	2.5511	2.7477	2.91	0.10348	-0.024	-0.00583	0.0188	0.013355
20	2.5676	2.7536	2.9122	0.10118	2.5489	2.7546	2.9002	0.10643	-0.0187	0.00104	0.0415	0.018806
30	2.5676	2.7536	2.9122	0.10118	2.5605	2.7567	2.9176	0.10968	-0.0215	0.0031	0.042	0.018545
50	2.5676	2.7536	2.9122	0.10118	2.5635	2.7528	2.9098	0.11202	-0.0363	-0.0008	0.0323	0.022216
100	2.5676	2.7536	2.9122	0.10118	2.5859	2.7388	2.9489	0.12258	-0.1995	-0.01479	0.0367	0.067577

Device Test: 18.45 CURRENT|SS_0p3V/SS/14/14/0/1000/5/1MHz//@I_SS





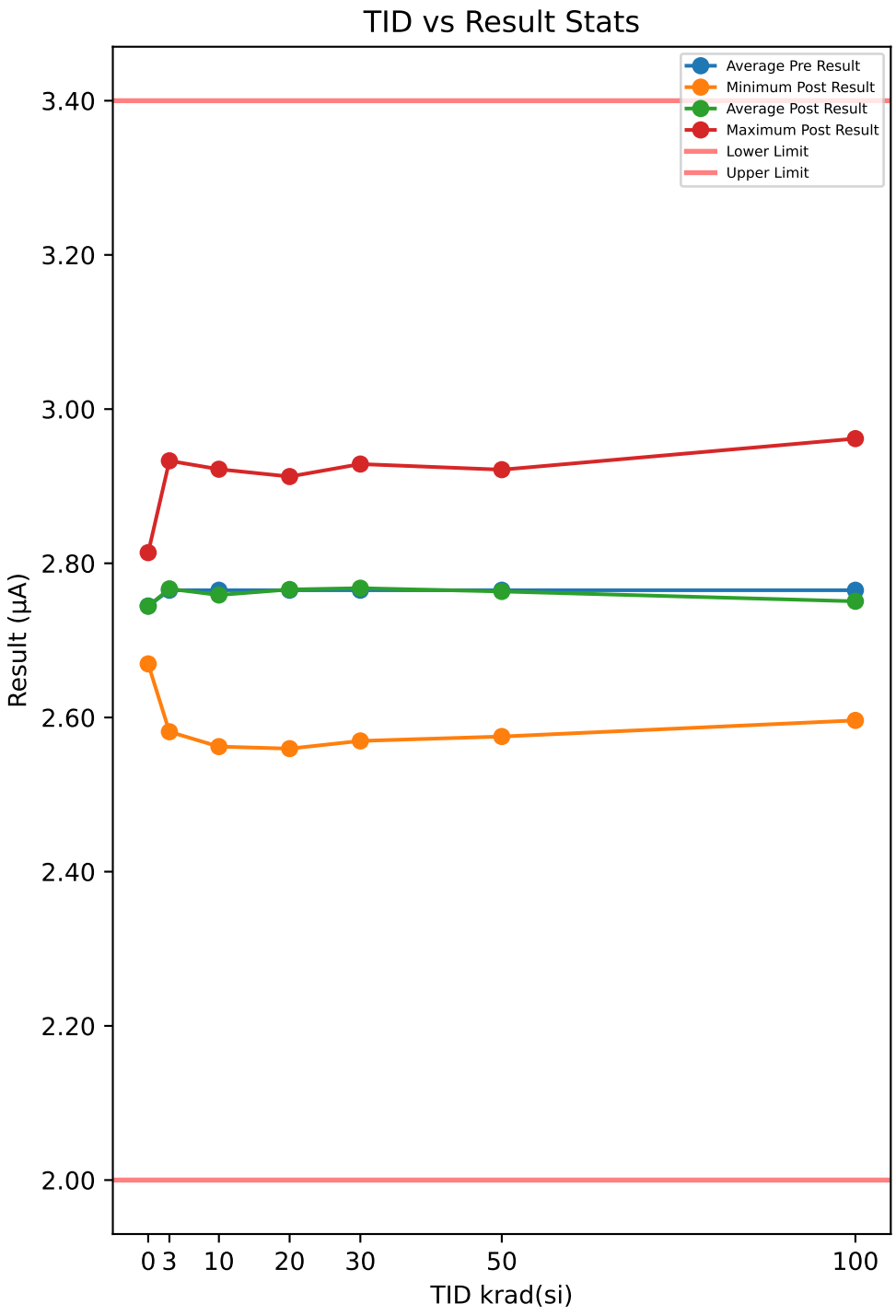
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

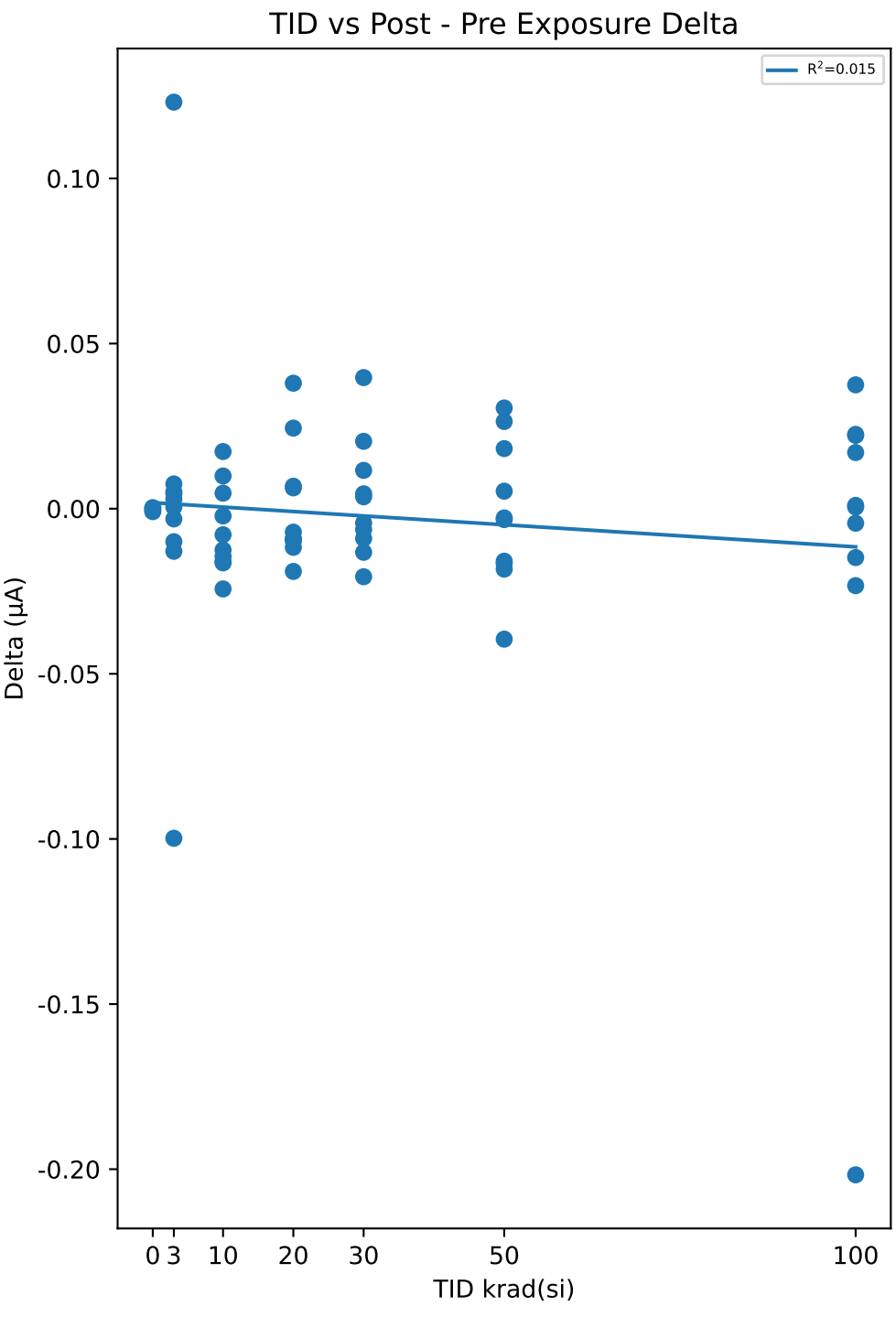
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7566	2.7537	-0.0029
2	3	LDR BIAS	2.9098	2.8102	-0.0996
3	3	LDR BIAS	2.7962	2.9183	0.1221
4	3	LDR BIAS	2.7552	2.7595	0.0043
5	3	LDR BIAS	2.7104	2.7104	0
6	3	LDR UNBIAS	2.5652	2.5674	0.0022
7	3	LDR UNBIAS	2.6666	2.6713	0.0047
8	3	LDR UNBIAS	2.6885	2.6954	0.0069
9	3	LDR UNBIAS	2.8795	2.8701	-0.0094
10	3	LDR UNBIAS	2.7827	2.7716	-0.0111
11	0	CORRELATION	2.7993	2.7984	-0.0009
12	0	CORRELATION	2.6577	2.6561	-0.0016
13	0	CORRELATION	2.7604	2.761	0.0006
14	0	CORRELATION	2.7057	2.706	0.0003
21	10	LDR BIAS	2.7566	2.7423	-0.0143
22	10	LDR BIAS	2.9098	2.9072	-0.0026
23	10	LDR BIAS	2.7962	2.8147	0.0185
24	10	LDR BIAS	2.7552	2.7468	-0.0084
25	10	LDR BIAS	2.7104	2.7157	0.0053
26	10	LDR UNBIAS	2.5652	2.5486	-0.0166
27	10	LDR UNBIAS	2.6666	2.6533	-0.0133
28	10	LDR UNBIAS	2.6885	2.6976	0.0091
29	10	LDR UNBIAS	2.8795	2.8673	-0.0122
30	10	LDR UNBIAS	2.7827	2.7584	-0.0243
31	20	LDR BIAS	2.7566	2.7469	-0.0097
32	20	LDR BIAS	2.9098	2.8977	-0.0121
33	20	LDR BIAS	2.7962	2.8385	0.0423
34	20	LDR BIAS	2.7552	2.7617	0.0065
35	20	LDR BIAS	2.7104	2.7025	-0.0079
36	20	LDR UNBIAS	2.5652	2.5457	-0.0195
37	20	LDR UNBIAS	2.6666	2.6578	-0.0088
38	20	LDR UNBIAS	2.6885	2.7124	0.0239
39	20	LDR UNBIAS	2.8795	2.885	0.0055
40	20	LDR UNBIAS	2.7827	2.7734	-0.0093
41	30	LDR BIAS	2.7566	2.7598	0.0032
42	30	LDR BIAS	2.9098	2.9145	0.0047
43	30	LDR BIAS	2.7962	2.8381	0.0419
44	30	LDR BIAS	2.7552	2.7676	0.0124
45	30	LDR BIAS	2.7104	2.6892	-0.0212
46	30	LDR UNBIAS	2.5652	2.5584	-0.0068
47	30	LDR UNBIAS	2.6666	2.6606	-0.006
48	30	LDR UNBIAS	2.6885	2.6751	-0.0134
49	30	LDR UNBIAS	2.8795	2.8745	-0.005
50	30	LDR UNBIAS	2.7827	2.8046	0.0219
51	50	LDR BIAS	2.7566	2.7844	0.0278
52	50	LDR BIAS	2.9098	2.907	-0.0028
53	50	LDR BIAS	2.7962	2.8294	0.0332
54	50	LDR BIAS	2.7552	2.7375	-0.0177
55	50	LDR BIAS	2.7104	2.6941	-0.0163
56	50	LDR UNBIAS	2.5652	2.5616	-0.0036
57	50	LDR UNBIAS	2.6666	2.6296	-0.037
58	50	LDR UNBIAS	2.6885	2.6719	-0.0166
59	50	LDR UNBIAS	2.8795	2.8857	0.0062
60	50	LDR UNBIAS	2.7827	2.8019	0.0192
61	100	LDR BIAS	2.7566	2.7415	-0.0151
62	100	LDR BIAS	2.9098	2.9453	0.0355
63	100	LDR BIAS	2.7962	2.8196	0.0234
64	100	LDR BIAS	2.7552	2.7543	-0.0009
65	100	LDR BIAS	2.7104	2.7038	-0.0066
66	100	LDR UNBIAS	2.5652	2.5861	0.0209
67	100	LDR UNBIAS	2.6666	2.6431	-0.0235
68	100	LDR UNBIAS	2.6885	2.6885	0
69	100	LDR UNBIAS	2.8795	2.8979	0.0184
70	100	LDR UNBIAS	2.7827	2.5841	-0.1986

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6577	2.7308	2.7993	0.062027	2.6561	2.7304	2.7984	0.062386	-0.0016	-0.0004	0.0006	0.0010296
3	2.5652	2.7511	2.9098	0.10112	2.5674	2.7528	2.9183	0.10053	-0.0996	0.00172	0.1221	0.052823
10	2.5652	2.7511	2.9098	0.10112	2.5486	2.7452	2.9072	0.1035	-0.0243	-0.00588	0.0185	0.013254
20	2.5652	2.7511	2.9098	0.10112	2.5457	2.7522	2.8977	0.10668	-0.0195	0.00109	0.0423	0.019056
30	2.5652	2.7511	2.9098	0.10112	2.5584	2.7542	2.9145	0.10931	-0.0212	0.00317	0.0419	0.01843
50	2.5652	2.7511	2.9098	0.10112	2.5616	2.7503	2.907	0.11186	-0.037	-0.00076	0.0332	0.022412
100	2.5652	2.7511	2.9098	0.10112	2.5841	2.7364	2.9453	0.1224	-0.1986	-0.01465	0.0355	0.06725

Device Test: 18.5 CURRENT|SS_0p3V/SS/5/5/0/1000/5/100kHz//@I_SS





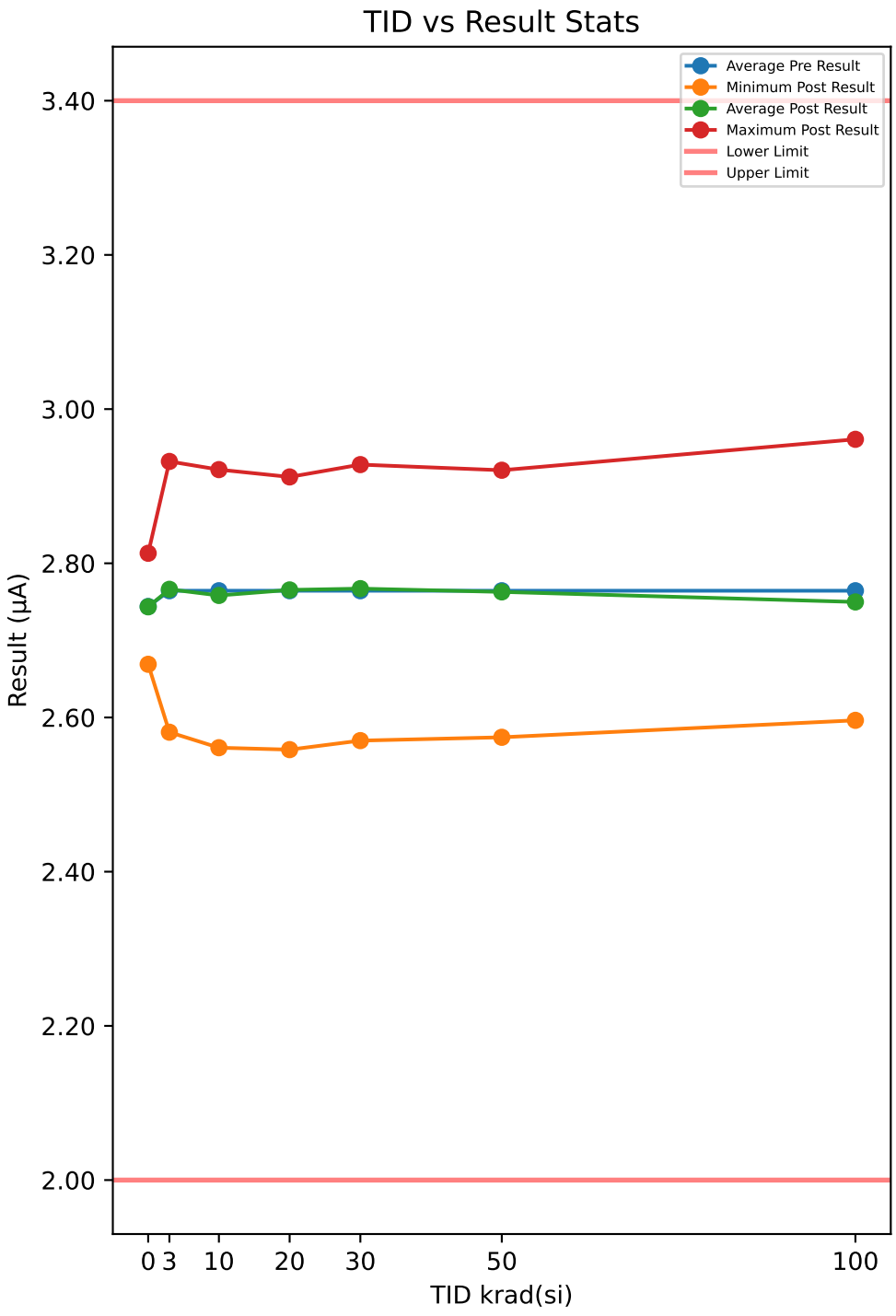
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

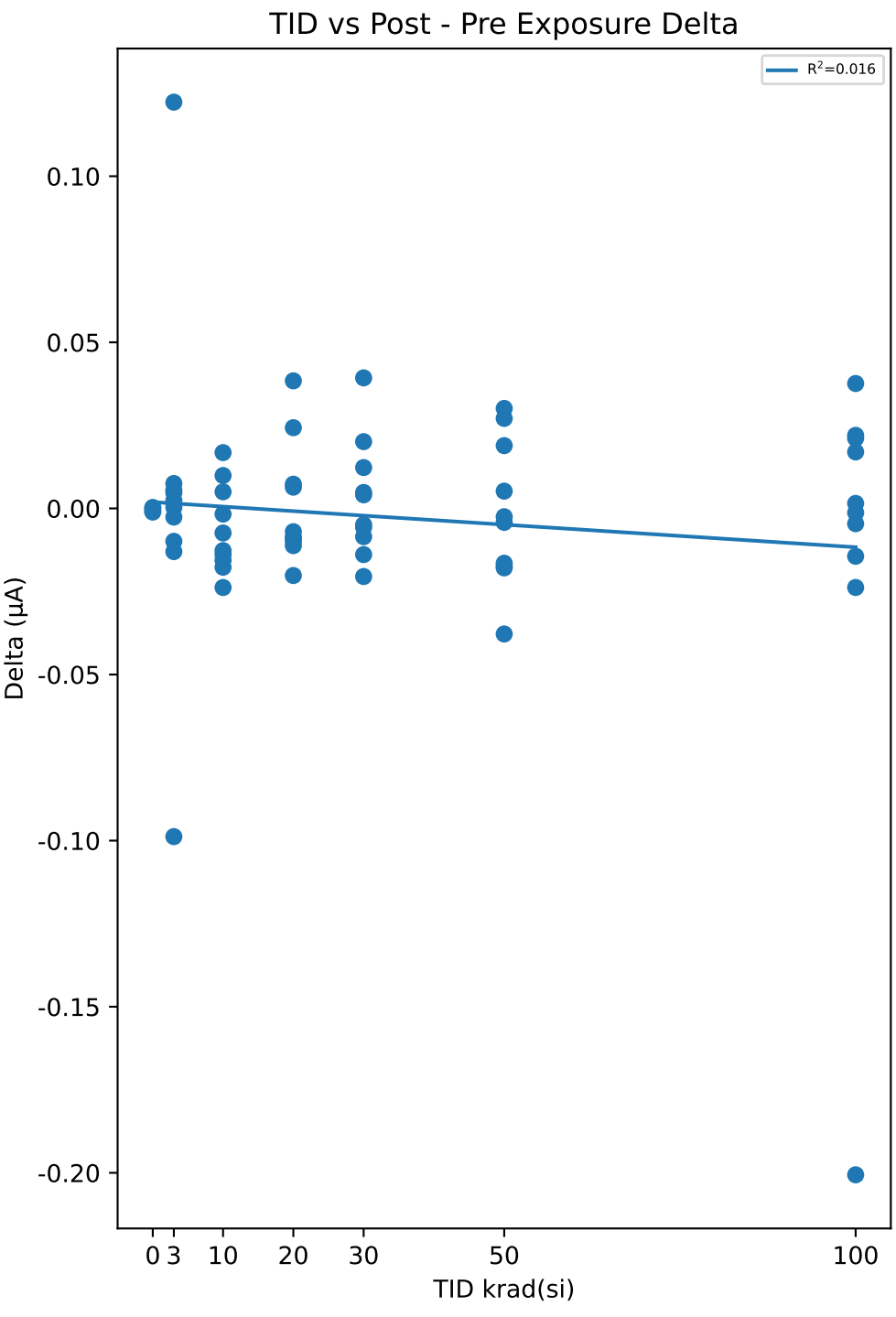
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7718	2.7687	-0.0031
2	3	LDR BIAS	2.9242	2.8244	-0.0998
3	3	LDR BIAS	2.8098	2.9329	0.1231
4	3	LDR BIAS	2.7681	2.7732	0.0051
5	3	LDR BIAS	2.7244	2.7249	0.0005
6	3	LDR UNBIAS	2.5786	2.5815	0.0029
7	3	LDR UNBIAS	2.6801	2.6847	0.0046
8	3	LDR UNBIAS	2.7014	2.7089	0.0075
9	3	LDR UNBIAS	2.8942	2.8842	-0.01
10	3	LDR UNBIAS	2.7979	2.785	-0.0129
11	0	CORRELATION	2.8136	2.8138	0.0002
12	0	CORRELATION	2.67	2.6695	-0.0005
13	0	CORRELATION	2.7753	2.7756	0.0003
14	0	CORRELATION	2.7194	2.7185	-0.0009
21	10	LDR BIAS	2.7718	2.7558	-0.016
22	10	LDR BIAS	2.9242	2.922	-0.0022
23	10	LDR BIAS	2.8098	2.8271	0.0173
24	10	LDR BIAS	2.7681	2.7602	-0.0079
25	10	LDR BIAS	2.7244	2.7291	0.0047
26	10	LDR UNBIAS	2.5786	2.5622	-0.0164
27	10	LDR UNBIAS	2.6801	2.6657	-0.0144
28	10	LDR UNBIAS	2.7014	2.7113	0.0099
29	10	LDR UNBIAS	2.8942	2.8817	-0.0125
30	10	LDR UNBIAS	2.7979	2.7736	-0.0243
31	20	LDR BIAS	2.7718	2.7625	-0.0093
32	20	LDR BIAS	2.9242	2.9125	-0.0117
33	20	LDR BIAS	2.8098	2.8478	0.038
34	20	LDR BIAS	2.7681	2.7749	0.0068
35	20	LDR BIAS	2.7244	2.7173	-0.0071
36	20	LDR UNBIAS	2.5786	2.5596	-0.019
37	20	LDR UNBIAS	2.6801	2.6711	-0.009
38	20	LDR UNBIAS	2.7014	2.7258	0.0244
39	20	LDR UNBIAS	2.8942	2.9005	0.0063
40	20	LDR UNBIAS	2.7979	2.7881	-0.0098
41	30	LDR BIAS	2.7718	2.7754	0.0036
42	30	LDR BIAS	2.9242	2.9287	0.0045
43	30	LDR BIAS	2.8098	2.8495	0.0397
44	30	LDR BIAS	2.7681	2.7797	0.0116
45	30	LDR BIAS	2.7244	2.7038	-0.0206
46	30	LDR UNBIAS	2.5786	2.5696	-0.009
47	30	LDR UNBIAS	2.6801	2.6738	-0.0063
48	30	LDR UNBIAS	2.7014	2.6882	-0.0132
49	30	LDR UNBIAS	2.8942	2.8899	-0.0043
50	30	LDR UNBIAS	2.7979	2.8183	0.0204
51	50	LDR BIAS	2.7718	2.7982	0.0264
52	50	LDR BIAS	2.9242	2.9214	-0.0028
53	50	LDR BIAS	2.8098	2.8403	0.0305
54	50	LDR BIAS	2.7681	2.7498	-0.0183
55	50	LDR BIAS	2.7244	2.7078	-0.0166
56	50	LDR UNBIAS	2.5786	2.5753	-0.0033
57	50	LDR UNBIAS	2.6801	2.6406	-0.0395
58	50	LDR UNBIAS	2.7014	2.6855	-0.0159
59	50	LDR UNBIAS	2.8942	2.8995	0.0053
60	50	LDR UNBIAS	2.7979	2.8161	0.0182
61	100	LDR BIAS	2.7718	2.757	-0.0148
62	100	LDR BIAS	2.9242	2.9617	0.0375
63	100	LDR BIAS	2.8098	2.832	0.0222
64	100	LDR BIAS	2.7681	2.7691	0.001
65	100	LDR BIAS	2.7244	2.72	-0.0044
66	100	LDR UNBIAS	2.5786	2.6011	0.0225
67	100	LDR UNBIAS	2.6801	2.6568	-0.0233
68	100	LDR UNBIAS	2.7014	2.7019	0.0005
69	100	LDR UNBIAS	2.8942	2.9112	0.017
70	100	LDR UNBIAS	2.7979	2.5962	-0.2017

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.67	2.7446	2.8136	0.062991	2.6695	2.7443	2.8138	0.063431	-0.0009	-0.000225	0.0003	0.00057373
3	2.5786	2.7651	2.9242	0.10156	2.5815	2.7668	2.9329	0.10069	-0.0998	0.00179	0.1231	0.053197
10	2.5786	2.7651	2.9242	0.10156	2.5622	2.7589	2.922	0.10386	-0.0243	-0.00618	0.0173	0.013266
20	2.5786	2.7651	2.9242	0.10156	2.5596	2.766	2.9125	0.10668	-0.019	0.00096	0.038	0.018037
30	2.5786	2.7651	2.9242	0.10156	2.5696	2.7677	2.9287	0.10994	-0.0206	0.00264	0.0397	0.017727
50	2.5786	2.7651	2.9242	0.10156	2.5753	2.7635	2.9214	0.11215	-0.0395	-0.0016	0.0305	0.022119
100	2.5786	2.7651	2.9242	0.10156	2.5962	2.7507	2.9617	0.12277	-0.2017	-0.01435	0.0375	0.068395

Device Test: 18.9 CURRENT|SS_0p3V/SS/12/12/0/1000/5/100kHz//@I_SS





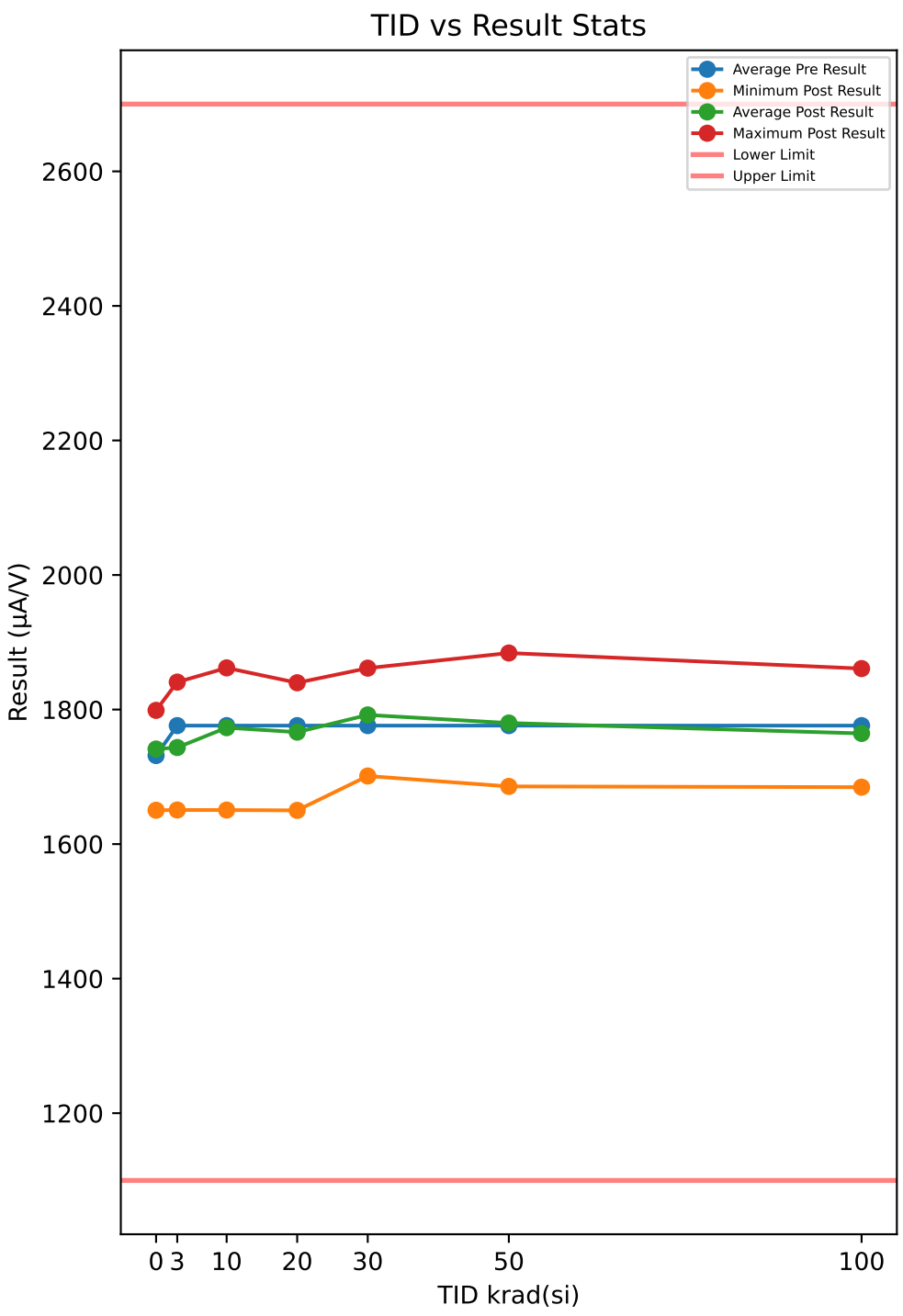
Test Results (Lower Limit = 2.0, Upper Limit = 3.4 (µA))

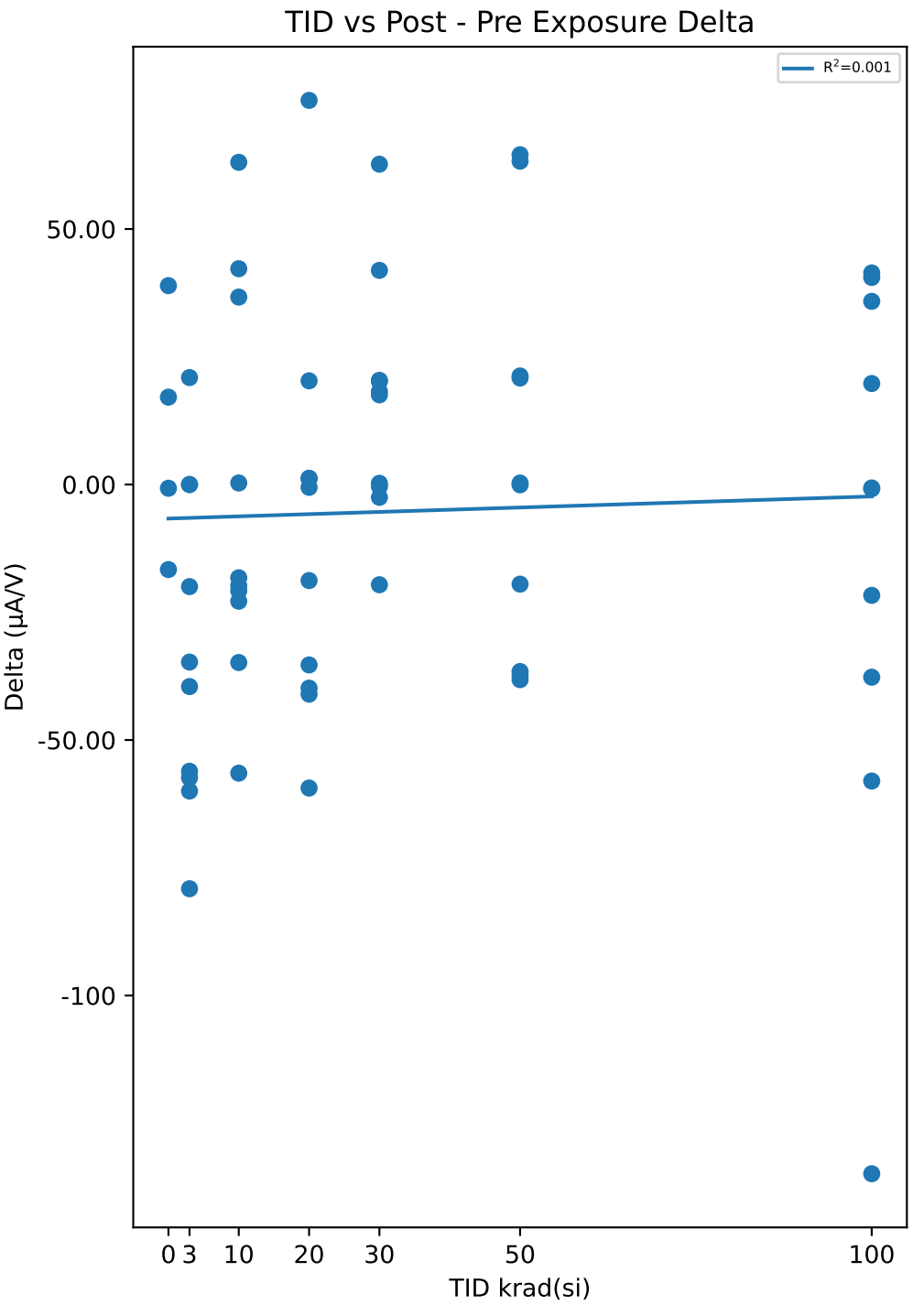
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7708	2.7682	-0.0026
2	3	LDR BIAS	2.9232	2.8244	-0.0988
3	3	LDR BIAS	2.8098	2.9321	0.1223
4	3	LDR BIAS	2.767	2.7725	0.0055
5	3	LDR BIAS	2.7239	2.7242	0.0003
6	3	LDR UNBIAS	2.5785	2.5809	0.0024
7	3	LDR UNBIAS	2.6794	2.6841	0.0047
8	3	LDR UNBIAS	2.7009	2.7084	0.0075
9	3	LDR UNBIAS	2.8936	2.8837	-0.0099
10	3	LDR UNBIAS	2.7969	2.7839	-0.013
11	0	CORRELATION	2.813	2.813	0
12	0	CORRELATION	2.6698	2.669	-0.0008
13	0	CORRELATION	2.7742	2.7745	0.0003
14	0	CORRELATION	2.7188	2.7177	-0.0011
21	10	LDR BIAS	2.7708	2.7552	-0.0156
22	10	LDR BIAS	2.9232	2.9215	-0.0017
23	10	LDR BIAS	2.8098	2.8266	0.0168
24	10	LDR BIAS	2.767	2.7596	-0.0074
25	10	LDR BIAS	2.7239	2.7289	0.005
26	10	LDR UNBIAS	2.5785	2.5608	-0.0177
27	10	LDR UNBIAS	2.6794	2.6655	-0.0139
28	10	LDR UNBIAS	2.7009	2.7108	0.0099
29	10	LDR UNBIAS	2.8936	2.8809	-0.0127
30	10	LDR UNBIAS	2.7969	2.7731	-0.0238
31	20	LDR BIAS	2.7708	2.7617	-0.0091
32	20	LDR BIAS	2.9232	2.912	-0.0112
33	20	LDR BIAS	2.8098	2.8482	0.0384
34	20	LDR BIAS	2.767	2.7743	0.0073
35	20	LDR BIAS	2.7239	2.7169	-0.007
36	20	LDR UNBIAS	2.5785	2.5583	-0.0202
37	20	LDR UNBIAS	2.6794	2.6708	-0.0086
38	20	LDR UNBIAS	2.7009	2.7252	0.0243
39	20	LDR UNBIAS	2.8936	2.9	0.0064
40	20	LDR UNBIAS	2.7969	2.787	-0.0099
41	30	LDR BIAS	2.7708	2.7749	0.0041
42	30	LDR BIAS	2.9232	2.928	0.0048
43	30	LDR BIAS	2.8098	2.8491	0.0393
44	30	LDR BIAS	2.767	2.7793	0.0123
45	30	LDR BIAS	2.7239	2.7034	-0.0205
46	30	LDR UNBIAS	2.5785	2.57	-0.0085
47	30	LDR UNBIAS	2.6794	2.6737	-0.0057
48	30	LDR UNBIAS	2.7009	2.687	-0.0139
49	30	LDR UNBIAS	2.8936	2.8887	-0.0049
50	30	LDR UNBIAS	2.7969	2.817	0.0201
51	50	LDR BIAS	2.7708	2.7979	0.0271
52	50	LDR BIAS	2.9232	2.9207	-0.0025
53	50	LDR BIAS	2.8098	2.8399	0.0301
54	50	LDR BIAS	2.767	2.7491	-0.0179
55	50	LDR BIAS	2.7239	2.7074	-0.0165
56	50	LDR UNBIAS	2.5785	2.5743	-0.0042
57	50	LDR UNBIAS	2.6794	2.6416	-0.0378
58	50	LDR UNBIAS	2.7009	2.6835	-0.0174
59	50	LDR UNBIAS	2.8936	2.8988	0.0052
60	50	LDR UNBIAS	2.7969	2.8158	0.0189
61	100	LDR BIAS	2.7708	2.7564	-0.0144
62	100	LDR BIAS	2.9232	2.9608	0.0376
63	100	LDR BIAS	2.8098	2.8309	0.0211
64	100	LDR BIAS	2.767	2.7685	0.0015
65	100	LDR BIAS	2.7239	2.7193	-0.0046
66	100	LDR UNBIAS	2.5785	2.6005	0.022
67	100	LDR UNBIAS	2.6794	2.6556	-0.0238
68	100	LDR UNBIAS	2.7009	2.6996	-0.0013
69	100	LDR UNBIAS	2.8936	2.9106	0.017
70	100	LDR UNBIAS	2.7969	2.5963	-0.2006

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6698	2.7439	2.813	0.062753	2.669	2.7435	2.813	0.063264	-0.0011	-0.0004	0.0003	0.00065828
3	2.5785	2.7644	2.9232	0.1014	2.5809	2.7662	2.9321	0.10069	-0.0988	0.00184	0.1223	0.052782
10	2.5785	2.7644	2.9232	0.1014	2.5608	2.7583	2.9215	0.10398	-0.0238	-0.00611	0.0168	0.013196
20	2.5785	2.7644	2.9232	0.1014	2.5583	2.7654	2.912	0.10689	-0.0202	0.00104	0.0384	0.018214
30	2.5785	2.7644	2.9232	0.1014	2.57	2.7671	2.928	0.10962	-0.0205	0.00271	0.0393	0.017665
50	2.5785	2.7644	2.9232	0.1014	2.5743	2.7629	2.9207	0.11214	-0.0378	-0.0015	0.0301	0.021986
100	2.5785	2.7644	2.9232	0.1014	2.5963	2.7498	2.9608	0.12271	-0.2006	-0.01455	0.0376	0.067949

Device Test: 19.1 LEVEL|TRANSCONDUCTANCE//4.5/4.5/0/0/4.5/500kHz//@EA_GM





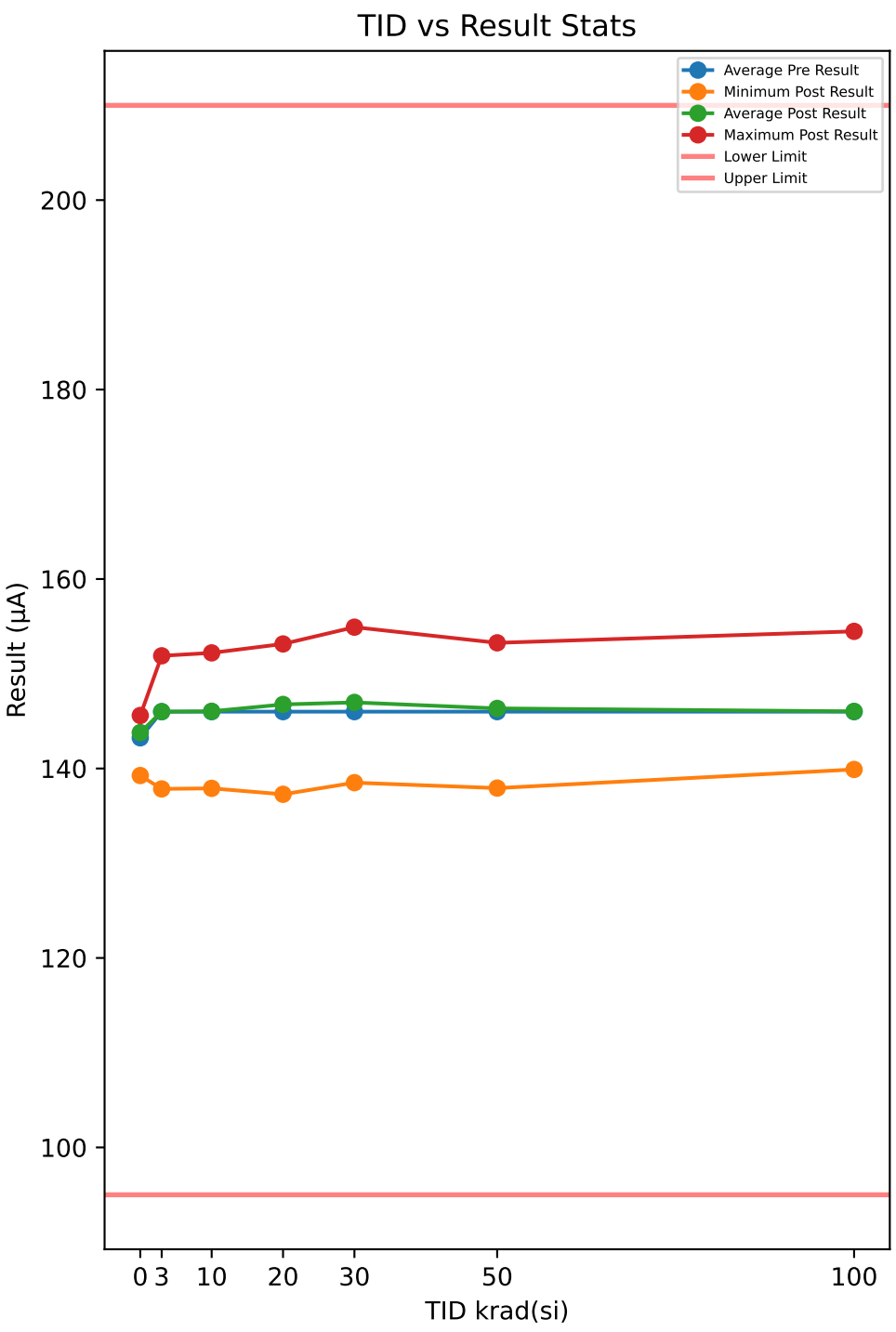
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

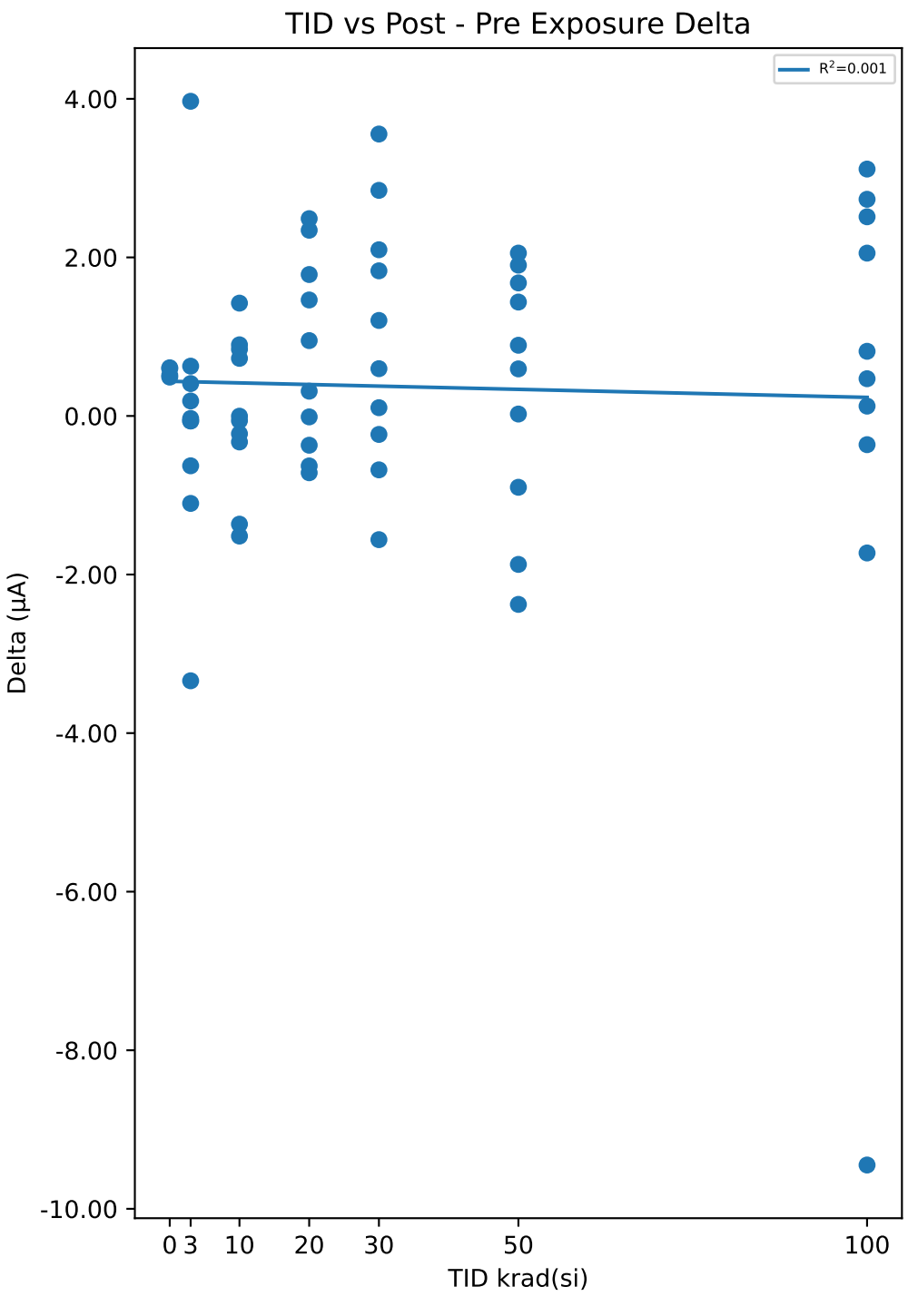
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1798.9	1759.3	-39.538
2	3	LDR BIAS	1819.5	1759.5	-59.984
3	3	LDR BIAS	1819.9	1840.8	20.926
4	3	LDR BIAS	1778.1	1778.1	0
5	3	LDR BIAS	1778.9	1721.5	-57.377
6	3	LDR UNBIAS	1685.4	1650.7	-34.749
7	3	LDR UNBIAS	1703.7	1703.7	0
8	3	LDR UNBIAS	1758.6	1702.4	-56.112
9	3	LDR UNBIAS	1798.9	1778.9	-19.979
10	3	LDR UNBIAS	1819.5	1740.4	-79.103
11	0	CORRELATION	1759.9	1798.8	38.917
12	0	CORRELATION	1667	1650.3	-16.643
13	0	CORRELATION	1740.2	1757.3	17.097
14	0	CORRELATION	1759.5	1758.8	-0.7285
21	10	LDR BIAS	1798.9	1779.1	-19.8
22	10	LDR BIAS	1819.5	1861.7	42.228
23	10	LDR BIAS	1819.9	1799	-20.812
24	10	LDR BIAS	1778.1	1721.6	-56.489
25	10	LDR BIAS	1778.9	1779.2	0.3019
26	10	LDR UNBIAS	1685.4	1650.6	-34.838
27	10	LDR UNBIAS	1703.7	1740.4	36.681
28	10	LDR UNBIAS	1758.6	1740.3	-18.251
29	10	LDR UNBIAS	1798.9	1861.9	63.055
30	10	LDR UNBIAS	1819.5	1796.7	-22.836
31	20	LDR BIAS	1798.9	1800.1	1.2063
32	20	LDR BIAS	1819.5	1839.8	20.292
33	20	LDR BIAS	1819.9	1819.3	-0.5525
34	20	LDR BIAS	1778.1	1718.7	-59.399
35	20	LDR BIAS	1778.9	1780.1	1.1985
36	20	LDR UNBIAS	1685.4	1650.1	-35.309
37	20	LDR UNBIAS	1703.7	1778.9	75.174
38	20	LDR UNBIAS	1758.6	1718.7	-39.849
39	20	LDR UNBIAS	1798.9	1780.1	-18.8
40	20	LDR UNBIAS	1819.5	1778.5	-41.024
41	30	LDR BIAS	1798.9	1861.5	62.683
42	30	LDR BIAS	1819.5	1861.4	41.908
43	30	LDR BIAS	1819.9	1838.1	18.213
44	30	LDR BIAS	1778.1	1798.3	20.212
45	30	LDR BIAS	1778.9	1759.3	-19.614
46	30	LDR UNBIAS	1685.4	1703	17.553
47	30	LDR UNBIAS	1703.7	1701.2	-2.505
48	30	LDR UNBIAS	1758.6	1758.8	0.2305
49	30	LDR UNBIAS	1798.9	1819.2	20.384
50	30	LDR UNBIAS	1819.5	1819.1	-0.3847
51	50	LDR BIAS	1798.9	1862.1	63.272
52	50	LDR BIAS	1819.5	1884	64.536
53	50	LDR BIAS	1819.9	1840.7	20.845
54	50	LDR BIAS	1778.1	1740.7	-37.404
55	50	LDR BIAS	1778.9	1740.7	-38.186
56	50	LDR UNBIAS	1685.4	1685.7	0.2878
57	50	LDR UNBIAS	1703.7	1703.6	-0.0606
58	50	LDR UNBIAS	1758.6	1722	-36.595
59	50	LDR UNBIAS	1798.9	1779.4	-19.498
60	50	LDR UNBIAS	1819.5	1840.7	21.24
61	100	LDR BIAS	1798.9	1818.6	19.762
62	100	LDR BIAS	1819.5	1860.9	41.402
63	100	LDR BIAS	1819.9	1798.2	-21.69
64	100	LDR BIAS	1778.1	1818.6	40.524
65	100	LDR BIAS	1778.9	1720.8	-58.031
66	100	LDR UNBIAS	1685.4	1684.6	-0.8208
67	100	LDR UNBIAS	1703.7	1739.6	35.851
68	100	LDR UNBIAS	1758.6	1720.8	-37.707
69	100	LDR UNBIAS	1798.9	1798.2	-0.6748
70	100	LDR UNBIAS	1819.5	1684.6	-134.88

Test Statistics (µA/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	1667	1731.6	1759.9	44.084	1650.3	1741.3	1798.8	63.623	-16.643	9.6605	38.917	23.882
3	1685.4	1776.1	1819.9	47.724	1650.7	1743.5	1840.8	52.491	-79.103	-32.592	20.926	32.114
10	1685.4	1776.1	1819.9	47.724	1650.6	1773	1861.9	63.987	-56.489	-3.076	63.055	38.144
20	1685.4	1776.1	1819.9	47.724	1650.1	1766.4	1839.8	55.842	-59.399	-9.7063	75.174	38.763
30	1685.4	1776.1	1819.9	47.724	1701.2	1792	1861.5	59.288	-19.614	15.868	62.683	23.623
50	1685.4	1776.1	1819.9	47.724	1685.7	1780	1884	71.586	-38.186	3.8438	64.536	38.705
100	1685.4	1776.1	1819.9	47.724	1684.6	1764.5	1860.9	62.018	-134.88	-11.626	41.402	54.907

Device Test: 19.10 CURRENT|EA_SOURCE//12/12/0/0/5/500kHz//@EA_I_SOURCE





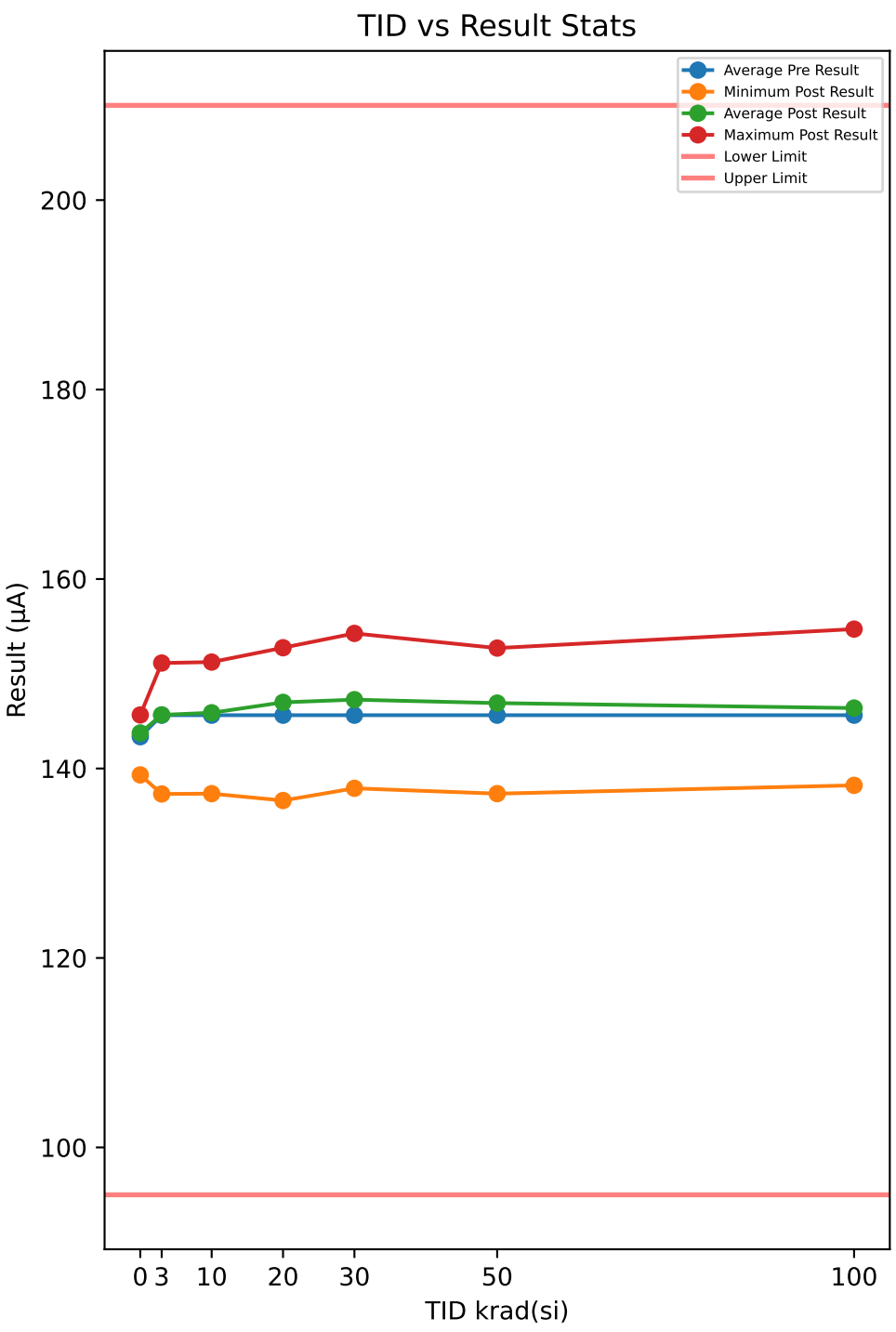
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

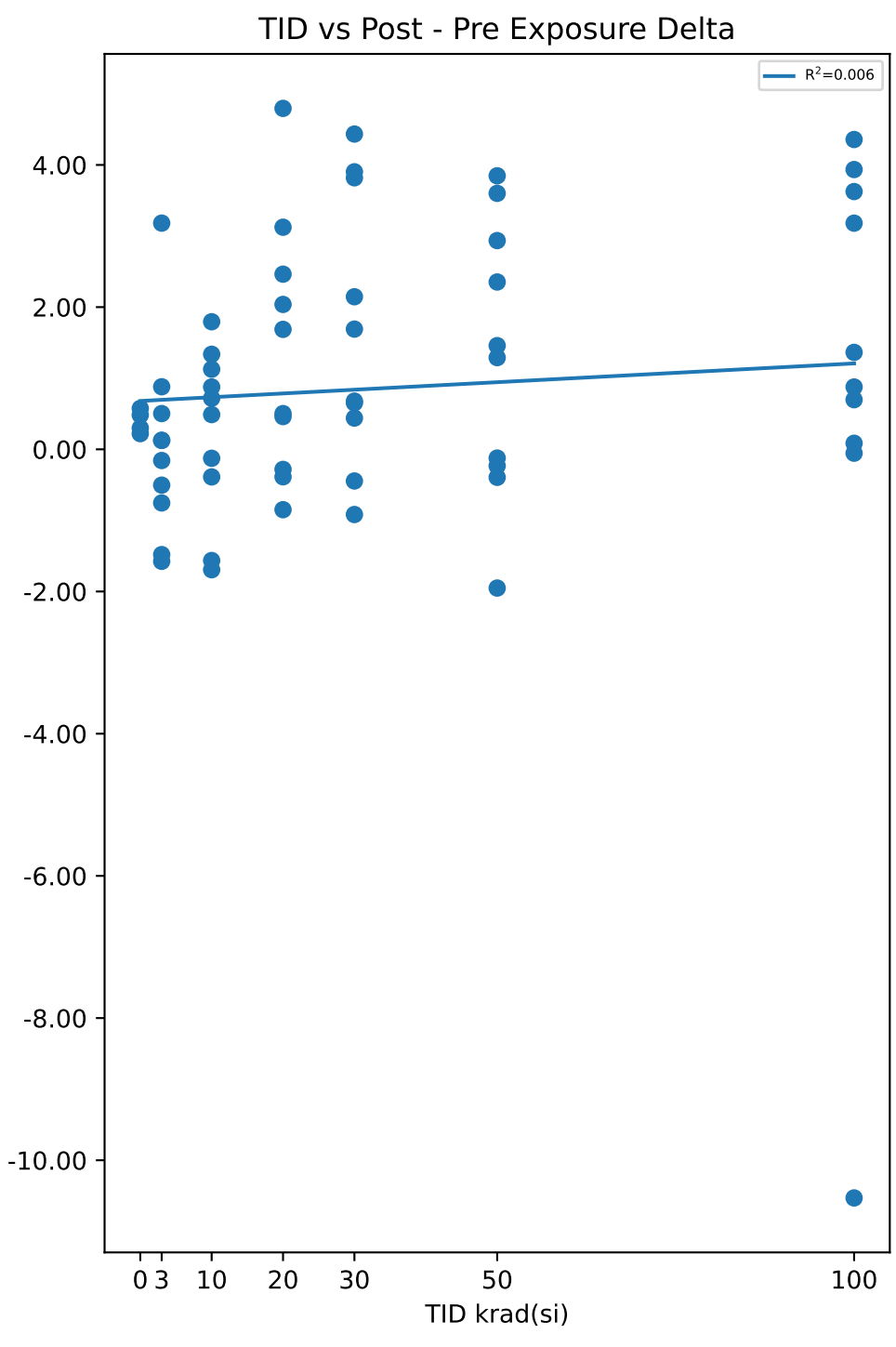
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.14	149.51	-0.6285
2	3	LDR BIAS	151.36	148.02	-3.3402
3	3	LDR BIAS	147.93	151.9	3.969
4	3	LDR BIAS	144.64	145.05	0.4085
5	3	LDR BIAS	145.74	145.68	-0.0628
6	3	LDR UNBIAS	137.91	137.84	-0.063
7	3	LDR UNBIAS	142.13	142.32	0.189
8	3	LDR UNBIAS	143.7	144.33	0.6284
9	3	LDR UNBIAS	147.09	147.06	-0.0314
10	3	LDR UNBIAS	149.35	148.24	-1.1029
11	0	CORRELATION	145	145.6	0.5992
12	0	CORRELATION	138.77	139.26	0.4902
13	0	CORRELATION	144.45	144.97	0.5137
14	0	CORRELATION	144.75	145.35	0.608
21	10	LDR BIAS	150.14	148.63	-1.5149
22	10	LDR BIAS	151.36	152.2	0.8417
23	10	LDR BIAS	147.93	149.35	1.4231
24	10	LDR BIAS	144.64	144.32	-0.3279
25	10	LDR BIAS	145.74	145.68	-0.0588
26	10	LDR UNBIAS	137.91	137.9	-0.0027
27	10	LDR UNBIAS	142.13	141.91	-0.2245
28	10	LDR UNBIAS	143.7	144.6	0.8975
29	10	LDR UNBIAS	147.09	147.82	0.7267
30	10	LDR UNBIAS	149.35	147.98	-1.3645
31	20	LDR BIAS	150.14	149.77	-0.3689
32	20	LDR BIAS	151.36	153.15	1.7839
33	20	LDR BIAS	147.93	150.41	2.4887
34	20	LDR BIAS	144.64	146.11	1.463
35	20	LDR BIAS	145.74	145.03	-0.7161
36	20	LDR UNBIAS	137.91	137.28	-0.6302
37	20	LDR UNBIAS	142.13	142.12	-0.0117
38	20	LDR UNBIAS	143.7	146.04	2.3428
39	20	LDR UNBIAS	147.09	148.04	0.9506
40	20	LDR UNBIAS	149.35	149.66	0.3125
41	30	LDR BIAS	150.14	150.25	0.1044
42	30	LDR BIAS	151.36	154.92	3.556
43	30	LDR BIAS	147.93	150.02	2.0964
44	30	LDR BIAS	144.64	147.49	2.8456
45	30	LDR BIAS	145.74	144.18	-1.5601
46	30	LDR UNBIAS	137.91	138.5	0.5964
47	30	LDR UNBIAS	142.13	141.45	-0.6797
48	30	LDR UNBIAS	143.7	143.47	-0.2328
49	30	LDR UNBIAS	147.09	148.3	1.2047
50	30	LDR UNBIAS	149.35	151.18	1.8306
51	50	LDR BIAS	150.14	151.03	0.8919
52	50	LDR BIAS	151.36	153.26	1.9023
53	50	LDR BIAS	147.93	148.52	0.5939
54	50	LDR BIAS	144.64	146.7	2.0541
55	50	LDR BIAS	145.74	143.87	-1.8722
56	50	LDR UNBIAS	137.91	137.93	0.0243
57	50	LDR UNBIAS	142.13	139.75	-2.3765
58	50	LDR UNBIAS	143.7	142.8	-0.8995
59	50	LDR UNBIAS	147.09	148.77	1.6781
60	50	LDR UNBIAS	149.35	150.78	1.4367
61	100	LDR BIAS	150.14	150.61	0.4699
62	100	LDR BIAS	151.36	154.48	3.114
63	100	LDR BIAS	147.93	147.56	-0.362
64	100	LDR BIAS	144.64	147.16	2.5122
65	100	LDR BIAS	145.74	144.01	-1.7281
66	100	LDR UNBIAS	137.91	139.96	2.0539
67	100	LDR UNBIAS	142.13	142.25	0.1242
68	100	LDR UNBIAS	143.7	144.52	0.8156
69	100	LDR UNBIAS	147.09	149.83	2.733
70	100	LDR UNBIAS	149.35	139.9	-9.4477

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.77	143.24	145	2.9902	139.26	143.79	145.6	3.0347	0.4902	0.55278	0.608	0.059575
3	137.91	146	151.36	4.078	137.84	146	151.9	3.961	-3.3402	-0.00339	3.969	1.799
10	137.91	146	151.36	4.078	137.9	146.04	152.2	4.0966	-1.5149	0.03957	1.4231	0.96435
20	137.91	146	151.36	4.078	137.28	146.76	153.15	4.5788	-0.7161	0.76146	2.4887	1.2135
30	137.91	146	151.36	4.078	138.5	146.98	154.92	5.0016	-1.5601	0.97615	3.556	1.6237
50	137.91	146	151.36	4.078	137.93	146.34	153.26	5.0905	-2.3765	0.34331	2.0541	1.5864
100	137.91	146	151.36	4.078	139.9	146.03	154.48	4.7774	-9.4477	0.0285	3.114	3.6661

Device Test: 19.11 CURRENT|EA_SINK//12/12/0/0/5/500kHz//@EA_I_SINK





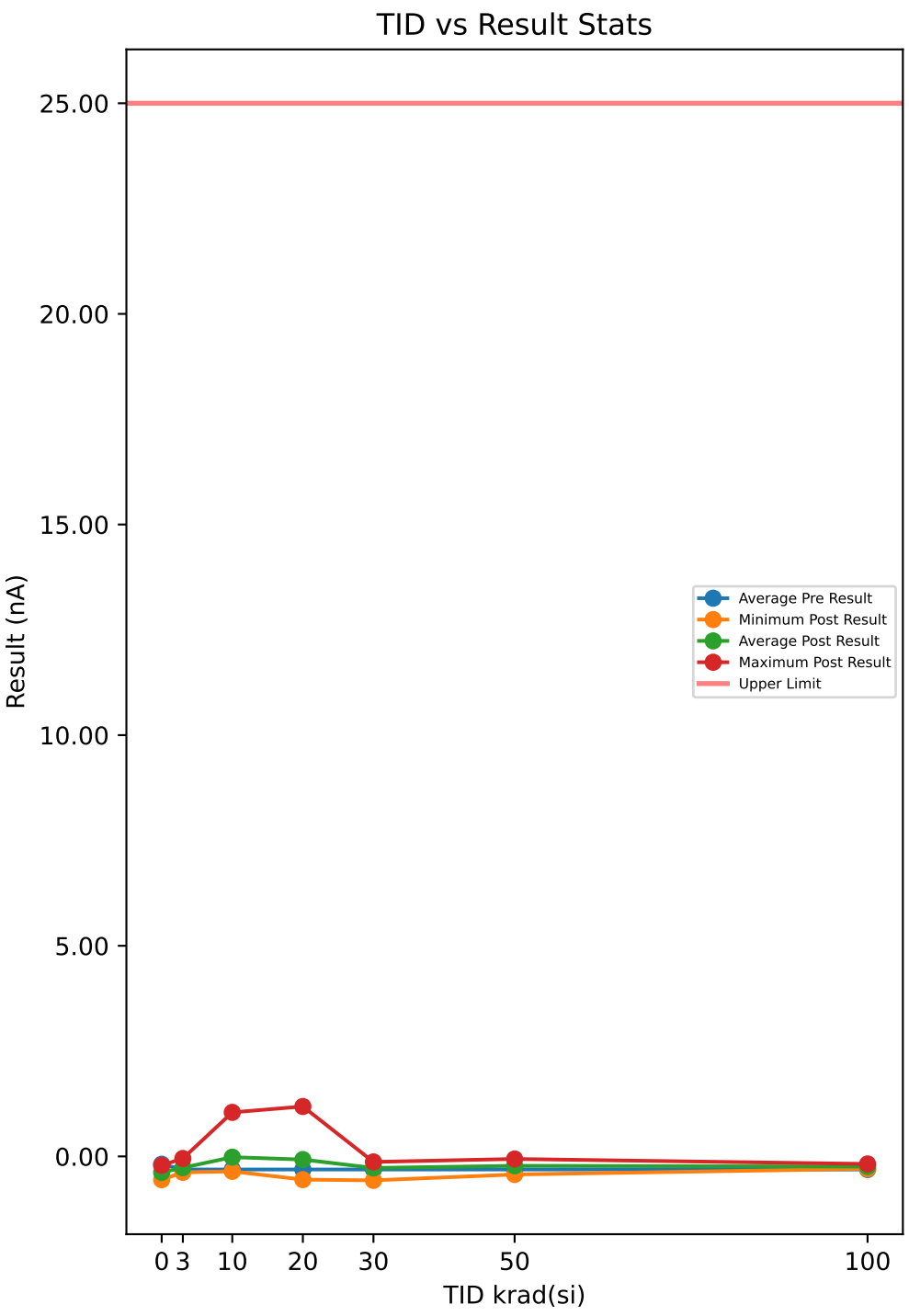
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.47	149.71	-0.7543
2	3	LDR BIAS	150.36	148.88	-1.481
3	3	LDR BIAS	147.95	151.13	3.1815
4	3	LDR BIAS	144.11	144.99	0.8798
5	3	LDR BIAS	144.59	144.72	0.1257
6	3	LDR UNBIAS	137.47	137.31	-0.1576
7	3	LDR UNBIAS	142.41	141.9	-0.504
8	3	LDR UNBIAS	142.86	143.36	0.5028
9	3	LDR UNBIAS	147.29	147.42	0.1257
10	3	LDR UNBIAS	148.75	147.17	-1.5755
11	0	CORRELATION	145.43	145.65	0.2203
12	0	CORRELATION	139.02	139.32	0.2997
13	0	CORRELATION	143.87	144.44	0.5756
14	0	CORRELATION	145.1	145.58	0.4823
21	10	LDR BIAS	150.47	148.77	-1.694
22	10	LDR BIAS	150.36	151.23	0.8769
23	10	LDR BIAS	147.95	149.75	1.7942
24	10	LDR BIAS	144.11	144.6	0.4885
25	10	LDR BIAS	144.59	145.31	0.7182
26	10	LDR UNBIAS	137.47	137.34	-0.1263
27	10	LDR UNBIAS	142.41	142.02	-0.3881
28	10	LDR UNBIAS	142.86	144.19	1.3369
29	10	LDR UNBIAS	147.29	148.42	1.1264
30	10	LDR UNBIAS	148.75	147.19	-1.5644
31	20	LDR BIAS	150.47	150.08	-0.3868
32	20	LDR BIAS	150.36	152.4	2.0379
33	20	LDR BIAS	147.95	152.75	4.7953
34	20	LDR BIAS	144.11	146.58	2.4635
35	20	LDR BIAS	144.59	145.05	0.4602
36	20	LDR UNBIAS	137.47	136.62	-0.8492
37	20	LDR UNBIAS	142.41	142.13	-0.2826
38	20	LDR UNBIAS	142.86	145.98	3.1239
39	20	LDR UNBIAS	147.29	148.98	1.6871
40	20	LDR UNBIAS	148.75	149.25	0.5026
41	30	LDR BIAS	150.47	151.12	0.6531
42	30	LDR BIAS	150.36	154.26	3.9035
43	30	LDR BIAS	147.95	152.39	4.4344
44	30	LDR BIAS	144.11	147.93	3.8189
45	30	LDR BIAS	144.59	144.14	-0.4454
46	30	LDR UNBIAS	137.47	137.91	0.4395
47	30	LDR UNBIAS	142.41	141.49	-0.9172
48	30	LDR UNBIAS	142.86	143.54	0.6778
49	30	LDR UNBIAS	147.29	148.98	1.6907
50	30	LDR UNBIAS	148.75	150.9	2.1459
51	50	LDR BIAS	150.47	151.93	1.4583
52	50	LDR BIAS	150.36	152.71	2.3533
53	50	LDR BIAS	147.95	151.8	3.8472
54	50	LDR BIAS	144.11	147.71	3.6003
55	50	LDR BIAS	144.59	144.2	-0.3941
56	50	LDR UNBIAS	137.47	137.35	-0.1234
57	50	LDR UNBIAS	142.41	140.46	-1.9516
58	50	LDR UNBIAS	142.86	142.62	-0.2329
59	50	LDR UNBIAS	147.29	150.23	2.9359
60	50	LDR UNBIAS	148.75	150.04	1.2897
61	100	LDR BIAS	150.47	151.16	0.6978
62	100	LDR BIAS	150.36	154.72	4.3577
63	100	LDR BIAS	147.95	151.13	3.181
64	100	LDR BIAS	144.11	147.74	3.6256
65	100	LDR BIAS	144.59	144.54	-0.0544
66	100	LDR UNBIAS	137.47	138.35	0.8765
67	100	LDR UNBIAS	142.41	142.49	0.0849
68	100	LDR UNBIAS	142.86	144.22	1.3636
69	100	LDR UNBIAS	147.29	151.23	3.935
70	100	LDR UNBIAS	148.75	138.22	-10.53

Test Statistics (µA)

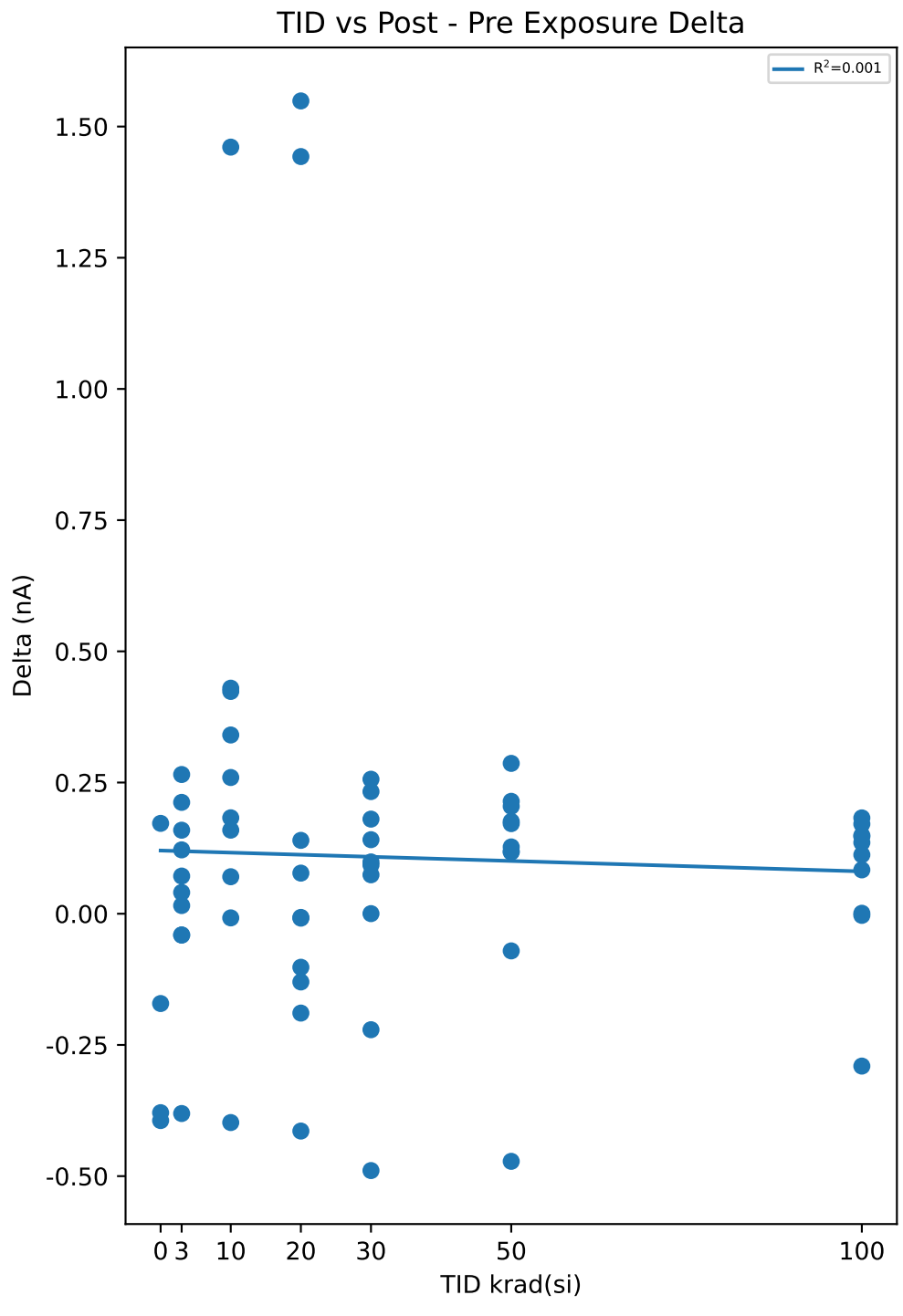
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.02	143.35	145.43	2.9642	139.32	143.75	145.65	3.0016	0.2203	0.39447	0.5756	0.16313
3	137.47	145.63	150.47	4.1052	137.31	145.66	151.13	4.1169	-1.5755	0.03431	3.1815	1.3619
10	137.47	145.63	150.47	4.1052	137.34	145.88	151.23	4.1193	-1.694	0.25683	1.7942	1.1843
20	137.47	145.63	150.47	4.1052	136.62	146.98	152.75	4.9119	-0.8492	1.3552	4.7953	1.7911
30	137.47	145.63	150.47	4.1052	137.91	147.27	154.26	5.2825	-0.9172	1.6401	4.4344	1.8905
50	137.47	145.63	150.47	4.1052	137.35	146.9	152.71	5.4059	-1.9516	1.2783	3.8472	1.9266
100	137.47	145.63	150.47	4.1052	138.22	146.38	154.72	5.7214	-10.53	0.75377	4.3577	4.2955

Device Test: 19.12 CURRENT|EA//12/12/0/0/5/500kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

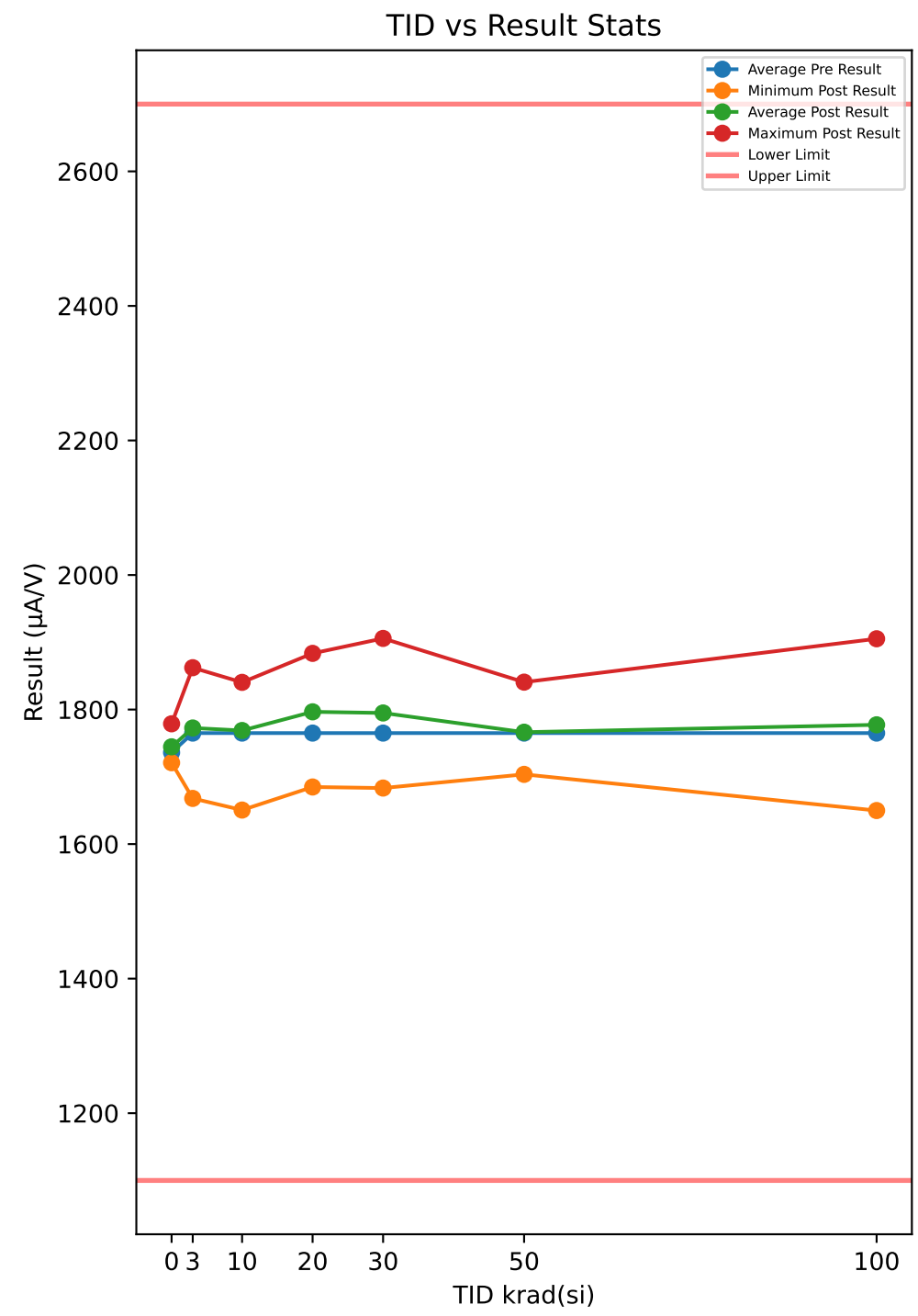
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.3475	-0.1353	0.2122
2	3	LDR BIAS	-0.3188	-0.3594	-0.0406
3	3	LDR BIAS	-0.3148	-0.0495	0.2653
4	3	LDR BIAS	-0.2828	-0.3233	-0.0405
5	3	LDR BIAS	-0.2913	-0.1696	0.1217
6	3	LDR UNBIAS	-0.3938	-0.3782	0.0156
7	3	LDR UNBIAS	-0.4209	-0.2617	0.1592
8	3	LDR UNBIAS	-0.3638	-0.3233	0.0405
9	3	LDR UNBIAS	0.0426	-0.3381	-0.3807
10	3	LDR UNBIAS	-0.4156	-0.3438	0.0718
11	0	CORRELATION	0.0098	-0.3843	-0.3941
12	0	CORRELATION	-0.3825	-0.5536	-0.1711
13	0	CORRELATION	0.0114	-0.3677	-0.3791
14	0	CORRELATION	-0.3844	-0.2122	0.1722
21	10	LDR BIAS	-0.3475	-0.1882	0.1593
22	10	LDR BIAS	-0.3188	0.111	0.4298
23	10	LDR BIAS	-0.3148	-0.2443	0.0705
24	10	LDR BIAS	-0.2828	-0.0232	0.2596
25	10	LDR BIAS	-0.2913	-0.2992	-0.0079
26	10	LDR UNBIAS	-0.3938	0.0298	0.4236
27	10	LDR UNBIAS	-0.4209	-0.2381	0.1828
28	10	LDR UNBIAS	-0.3638	-0.0232	0.3406
29	10	LDR UNBIAS	0.0426	-0.3553	-0.3979
30	10	LDR UNBIAS	-0.4156	1.0452	1.4608
31	20	LDR BIAS	-0.3475	-0.3559	-0.0084
32	20	LDR BIAS	-0.3188	-0.3258	-0.007
33	20	LDR BIAS	-0.3148	-0.5041	-0.1893
34	20	LDR BIAS	-0.2828	1.16	1.4428
35	20	LDR BIAS	-0.2913	-0.3933	-0.102
36	20	LDR UNBIAS	-0.3938	-0.3164	0.0774
37	20	LDR UNBIAS	-0.4209	-0.5509	-0.13
38	20	LDR UNBIAS	-0.3638	1.185	1.5488
39	20	LDR UNBIAS	0.0426	-0.3715	-0.4141
40	20	LDR UNBIAS	-0.4156	-0.2758	0.1398
41	30	LDR BIAS	-0.3475	-0.5685	-0.221
42	30	LDR BIAS	-0.3188	-0.226	0.0928
43	30	LDR BIAS	-0.3148	-0.3146	0.0002
44	30	LDR BIAS	-0.2828	-0.1841	0.0987
45	30	LDR BIAS	-0.2913	-0.1502	0.1411
46	30	LDR UNBIAS	-0.3938	-0.2135	0.1803
47	30	LDR UNBIAS	-0.4209	-0.1646	0.2563
48	30	LDR UNBIAS	-0.3638	-0.131	0.2328
49	30	LDR UNBIAS	0.0426	-0.4468	-0.4894
50	30	LDR UNBIAS	-0.4156	-0.3414	0.0742
51	50	LDR BIAS	-0.3475	-0.061	0.2865
52	50	LDR BIAS	-0.3188	-0.1141	0.2047
53	50	LDR BIAS	-0.3148	-0.3856	-0.0708
54	50	LDR BIAS	-0.2828	-0.164	0.1188
55	50	LDR BIAS	-0.2913	-0.164	0.1273
56	50	LDR UNBIAS	-0.3938	-0.1796	0.2142
57	50	LDR UNBIAS	-0.4209	-0.2451	0.1758
58	50	LDR UNBIAS	-0.3638	-0.1921	0.1717
59	50	LDR UNBIAS	0.0426	-0.4292	-0.4718
60	50	LDR UNBIAS	-0.4156	-0.2982	0.1174
61	100	LDR BIAS	-0.3475	-0.2352	0.1123
62	100	LDR BIAS	-0.3188	-0.2352	0.0836
63	100	LDR BIAS	-0.3148	-0.1792	0.1356
64	100	LDR BIAS	-0.2828	-0.2819	0.0009
65	100	LDR BIAS	-0.2913	-0.2944	-0.0031
66	100	LDR UNBIAS	-0.3938	-0.2446	0.1492
67	100	LDR UNBIAS	-0.4209	-0.2383	0.1826
68	100	LDR UNBIAS	-0.3638	-0.2165	0.1473
69	100	LDR UNBIAS	0.0426	-0.2477	-0.2903
70	100	LDR UNBIAS	-0.4156	-0.2446	0.171

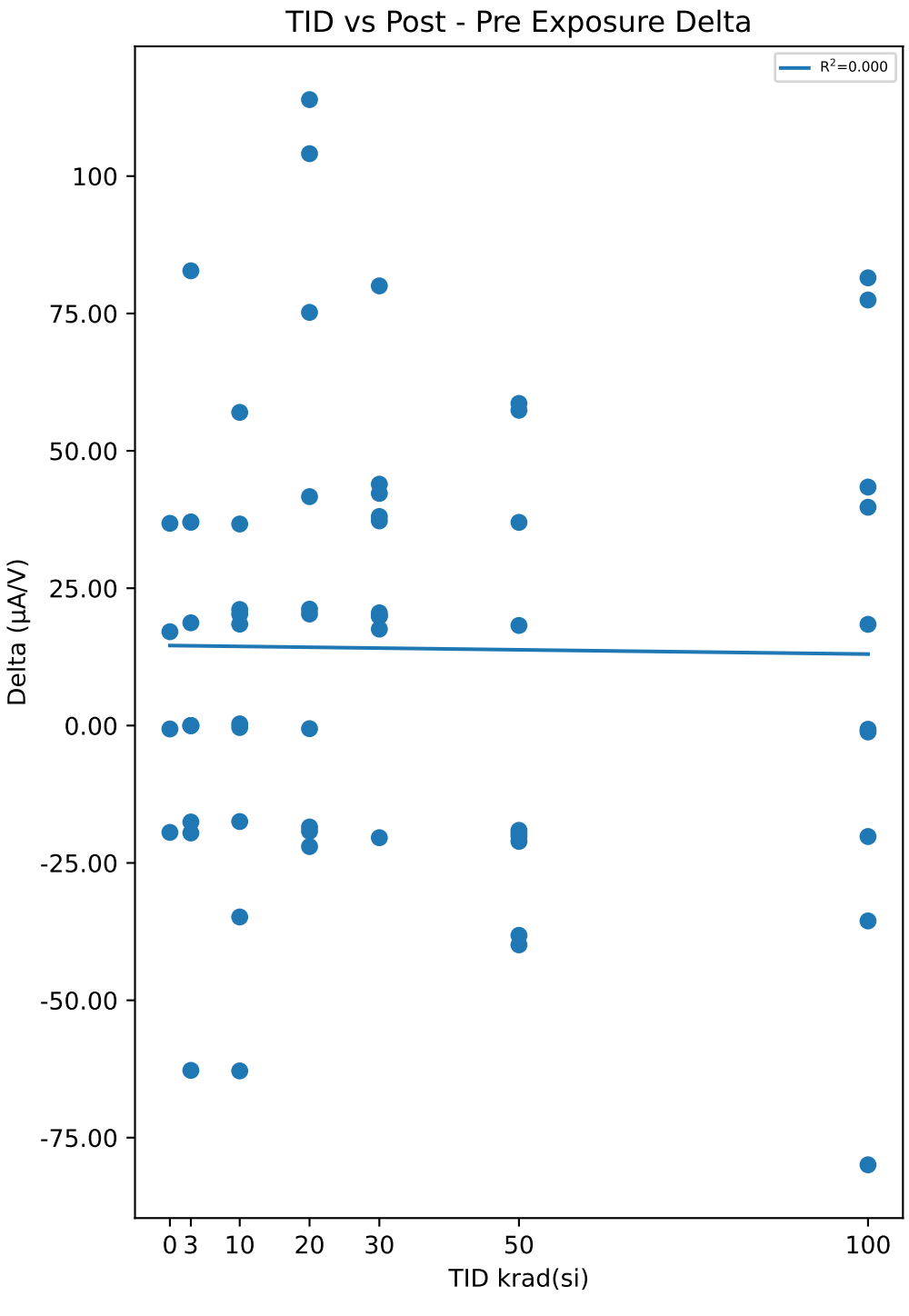


Test Statistics (nA)

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	-0.3844	-0.18643	0.0114	0.22751	-0.5536	-0.37945	-0.2122	0.1396	-0.3941	-0.19303	0.1722	0.2639
3	-0.4209	-0.31067	0.0426	0.13345	-0.3782	-0.26822	-0.0495	0.11173	-0.3807	0.04245	0.2653	0.18037
10	-0.4209	-0.31067	0.0426	0.13345	-0.3553	-0.01855	1.0452	0.40426	-0.3979	0.29212	1.4608	0.4773
20	-0.4209	-0.31067	0.0426	0.13345	-0.5509	-0.07487	1.185	0.66274	-0.4141	0.2358	1.5488	0.68189
30	-0.4209	-0.31067	0.0426	0.13345	-0.5685	-0.27407	-0.131	0.14321	-0.4894	0.0366	0.2563	0.22879
50	-0.4209	-0.31067	0.0426	0.13345	-0.4292	-0.22329	-0.061	0.11691	-0.4718	0.08738	0.2865	0.21746
100	-0.4209	-0.31067	0.0426	0.13345	-0.2944	-0.24176	-0.1792	0.031769	-0.2903	0.06891	0.1826	0.14194

Device Test: 19.13 LEVEL|TRANSCONDUCTANCE//14/14/0/0/5/500kHz//@EA_GM





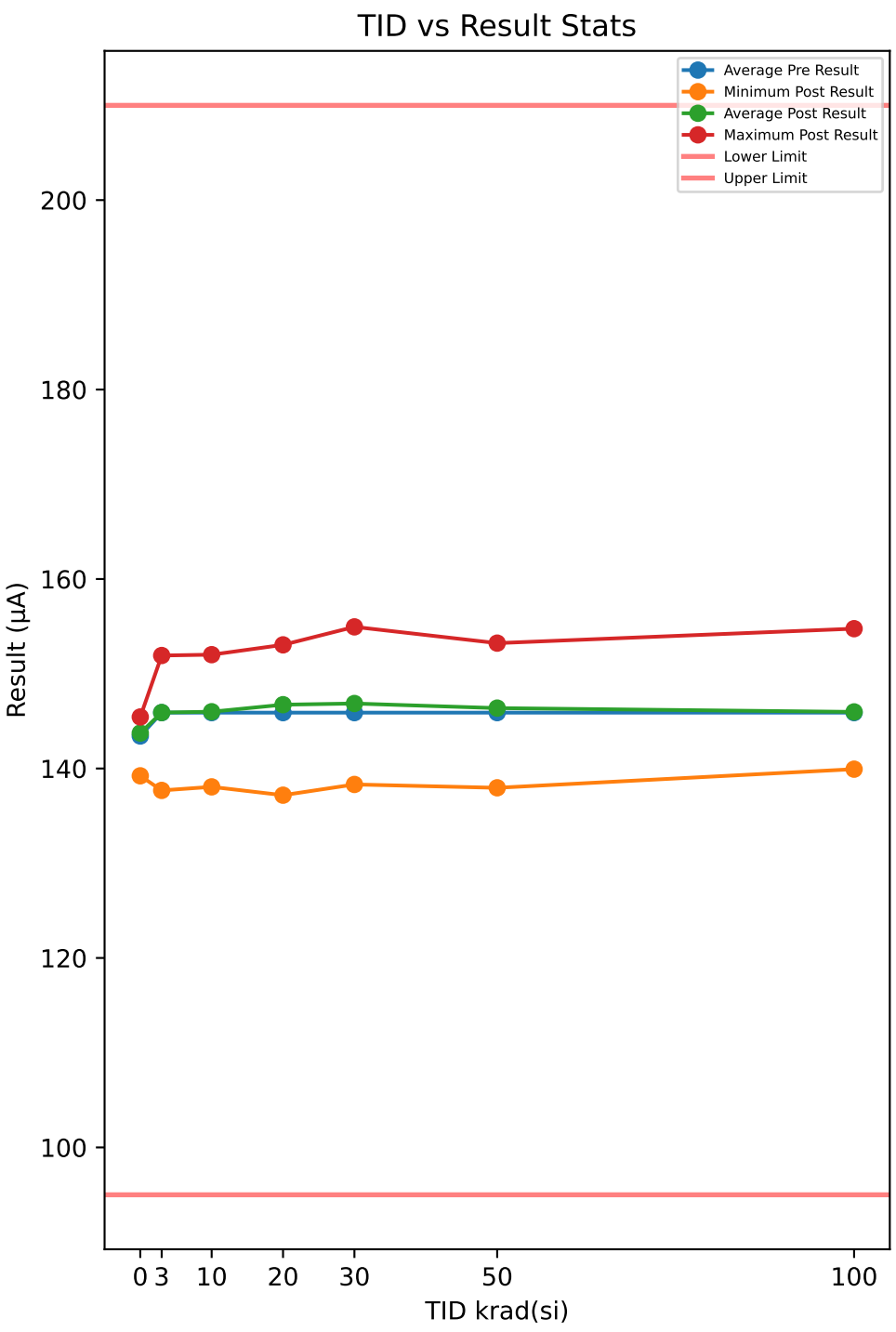
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

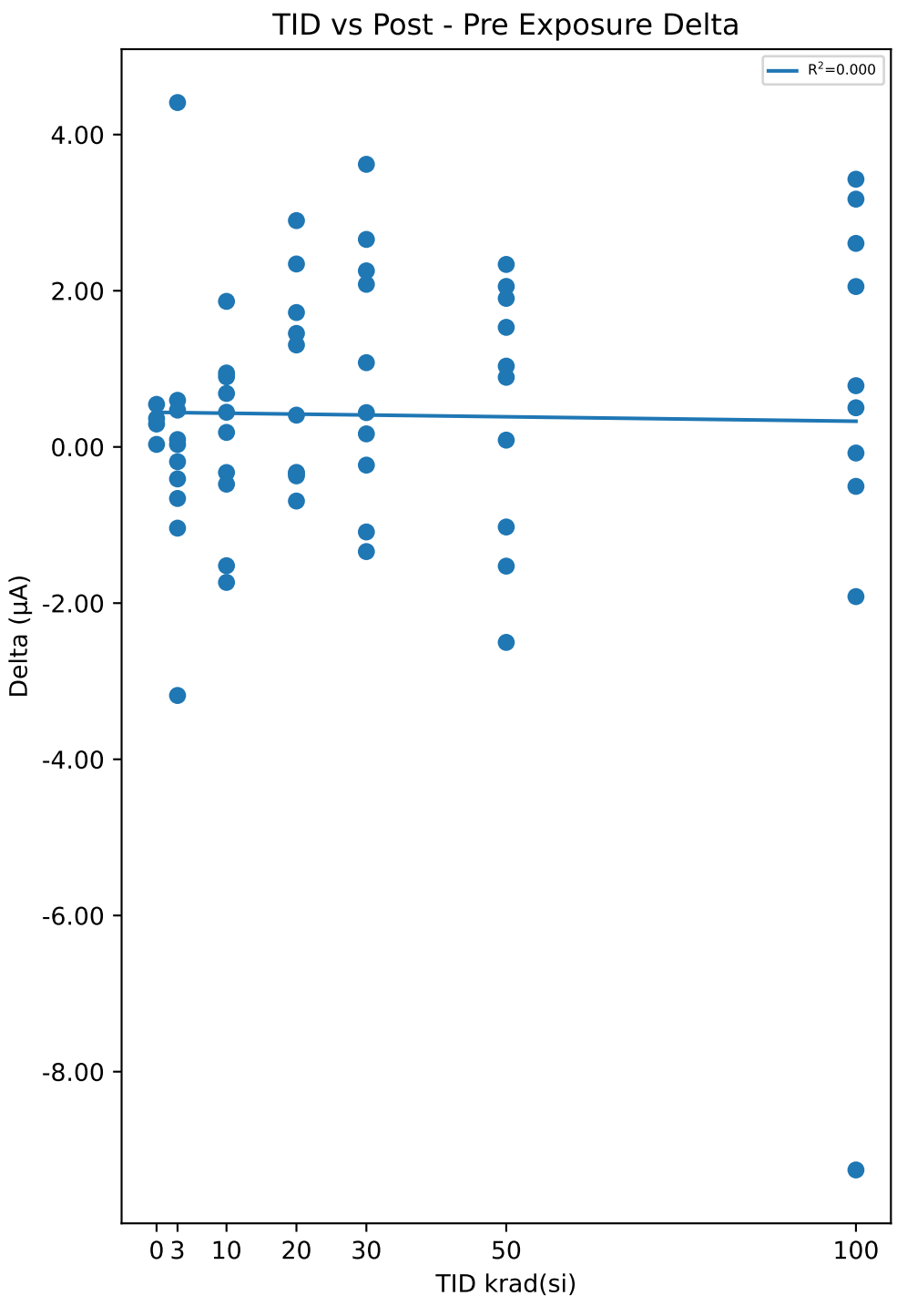
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1819.3	1819.3	0
2	3	LDR BIAS	1861.8	1799	-62.758
3	3	LDR BIAS	1779.4	1862.2	82.766
4	3	LDR BIAS	1720.7	1739.4	18.697
5	3	LDR BIAS	1778.9	1759.3	-19.549
6	3	LDR UNBIAS	1685.4	1667.9	-17.551
7	3	LDR UNBIAS	1703.7	1740.7	37.033
8	3	LDR UNBIAS	1702.4	1739.4	37.022
9	3	LDR UNBIAS	1778.9	1778.9	-0.0189
10	3	LDR UNBIAS	1819.5	1819.5	0
11	0	CORRELATION	1779.4	1778.8	-0.6226
12	0	CORRELATION	1684.5	1721.3	36.803
13	0	CORRELATION	1740.2	1757.3	17.079
14	0	CORRELATION	1740.4	1721	-19.441
21	10	LDR BIAS	1819.3	1840.4	21.125
22	10	LDR BIAS	1861.8	1799	-62.855
23	10	LDR BIAS	1779.4	1779.1	-0.3585
24	10	LDR BIAS	1720.7	1703.3	-17.469
25	10	LDR BIAS	1778.9	1779.2	0.3018
26	10	LDR UNBIAS	1685.4	1650.6	-34.838
27	10	LDR UNBIAS	1703.7	1740.4	36.681
28	10	LDR UNBIAS	1702.4	1759.4	56.996
29	10	LDR UNBIAS	1778.9	1799.1	20.268
30	10	LDR UNBIAS	1819.5	1837.9	18.457
31	20	LDR BIAS	1819.3	1800.1	-19.227
32	20	LDR BIAS	1861.8	1839.8	-22.019
33	20	LDR BIAS	1779.4	1883.5	104.08
34	20	LDR BIAS	1720.7	1795.9	75.199
35	20	LDR BIAS	1778.9	1820.5	41.665
36	20	LDR UNBIAS	1685.4	1684.9	-0.5671
37	20	LDR UNBIAS	1703.7	1685.2	-18.465
38	20	LDR UNBIAS	1702.4	1816.3	113.92
39	20	LDR UNBIAS	1778.9	1800.1	21.185
40	20	LDR UNBIAS	1819.5	1839.8	20.302
41	30	LDR BIAS	1819.3	1861.5	42.25
42	30	LDR BIAS	1861.8	1905.7	43.925
43	30	LDR BIAS	1779.4	1859.4	80.021
44	30	LDR BIAS	1720.7	1758.8	38.044
45	30	LDR BIAS	1778.9	1798.8	19.93
46	30	LDR UNBIAS	1685.4	1703	17.553
47	30	LDR UNBIAS	1703.7	1683.3	-20.41
48	30	LDR UNBIAS	1702.4	1739.7	37.247
49	30	LDR UNBIAS	1778.9	1798.8	19.902
50	30	LDR UNBIAS	1819.5	1840	20.513
51	50	LDR BIAS	1819.3	1779.4	-39.912
52	50	LDR BIAS	1861.8	1840.7	-21.081
53	50	LDR BIAS	1779.4	1759.8	-19.617
54	50	LDR BIAS	1720.7	1779.4	58.628
55	50	LDR BIAS	1778.9	1740.7	-38.177
56	50	LDR UNBIAS	1685.4	1703.7	18.219
57	50	LDR UNBIAS	1703.7	1740.7	36.979
58	50	LDR UNBIAS	1702.4	1759.8	57.384
59	50	LDR UNBIAS	1778.9	1759.8	-19.07
60	50	LDR UNBIAS	1819.5	1799.4	-20.119
61	100	LDR BIAS	1819.3	1818.6	-0.6705
62	100	LDR BIAS	1861.8	1905.2	43.406
63	100	LDR BIAS	1779.4	1860.9	81.485
64	100	LDR BIAS	1720.7	1798.2	77.451
65	100	LDR BIAS	1778.9	1758.7	-20.195
66	100	LDR UNBIAS	1685.4	1649.9	-35.561
67	100	LDR UNBIAS	1703.7	1702.5	-1.167
68	100	LDR UNBIAS	1702.4	1720.8	18.422
69	100	LDR UNBIAS	1778.9	1818.6	39.732
70	100	LDR UNBIAS	1819.5	1739.5	-79.942

Test Statistics (µA/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	1684.5	1736.1	1779.4	39.05	1721	1744.6	1778.8	28.474	-19.441	8.4545	36.803	24.074
3	1685.4	1765	1861.8	59.483	1667.9	1772.6	1862.2	55.277	-62.758	7.564	82.766	39.438
10	1685.4	1765	1861.8	59.483	1650.6	1768.8	1840.4	58.798	-62.855	3.8309	56.996	35.142
20	1685.4	1765	1861.8	59.483	1684.9	1796.6	1883.5	64.253	-22.019	31.607	113.92	50.846
30	1685.4	1765	1861.8	59.483	1683.3	1794.9	1905.7	73.192	-20.41	29.898	80.021	25.718
50	1685.4	1765	1861.8	59.483	1703.7	1766.3	1840.7	37.026	-39.912	1.3235	58.628	38.094
100	1685.4	1765	1861.8	59.483	1649.9	1777.3	1905.2	77.452	-79.942	12.296	81.485	50.545

Device Test: 19.14 CURRENT|EA_SOURCE//14/14/0/0/5/500kHz//@EA_I_SOURCE





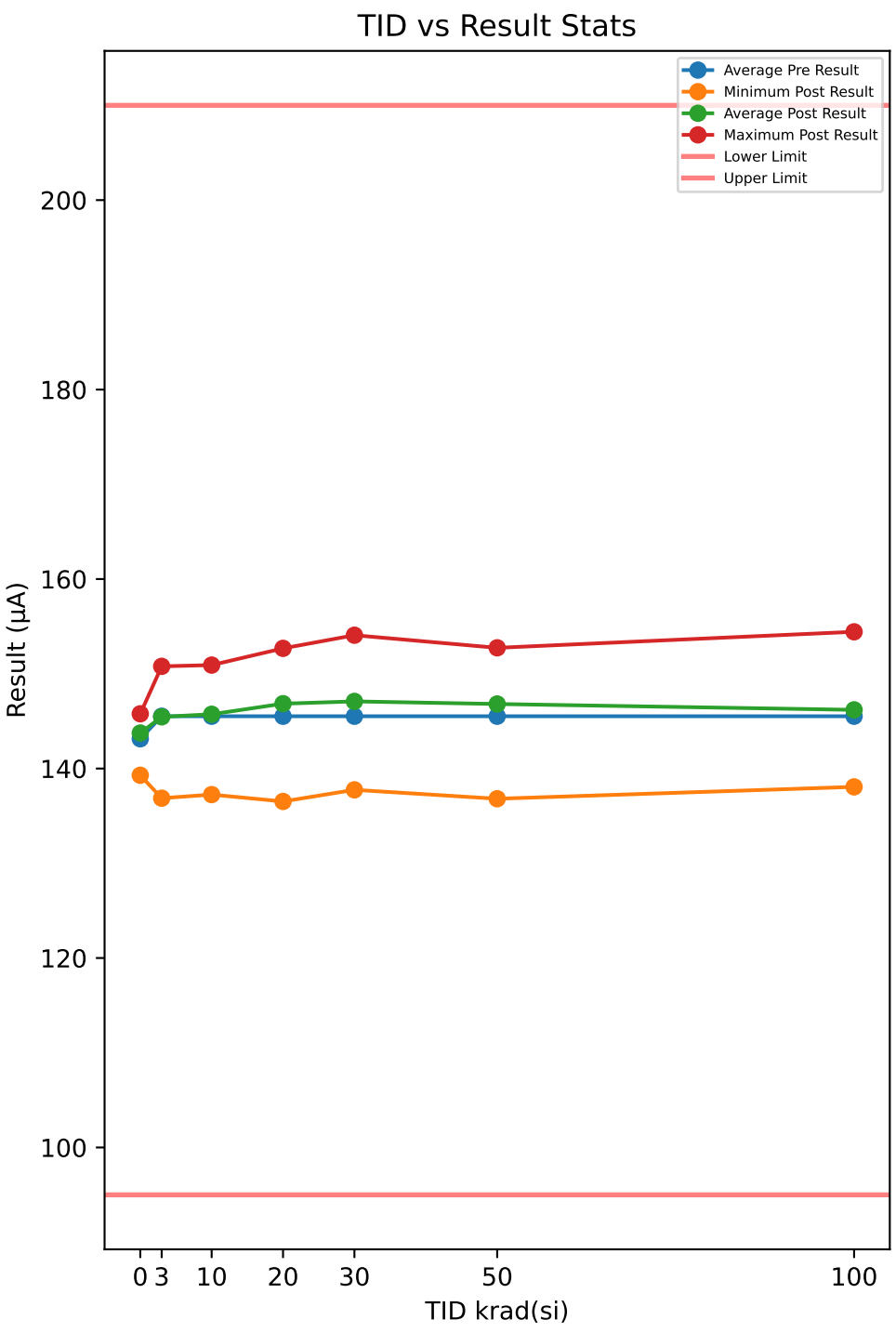
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

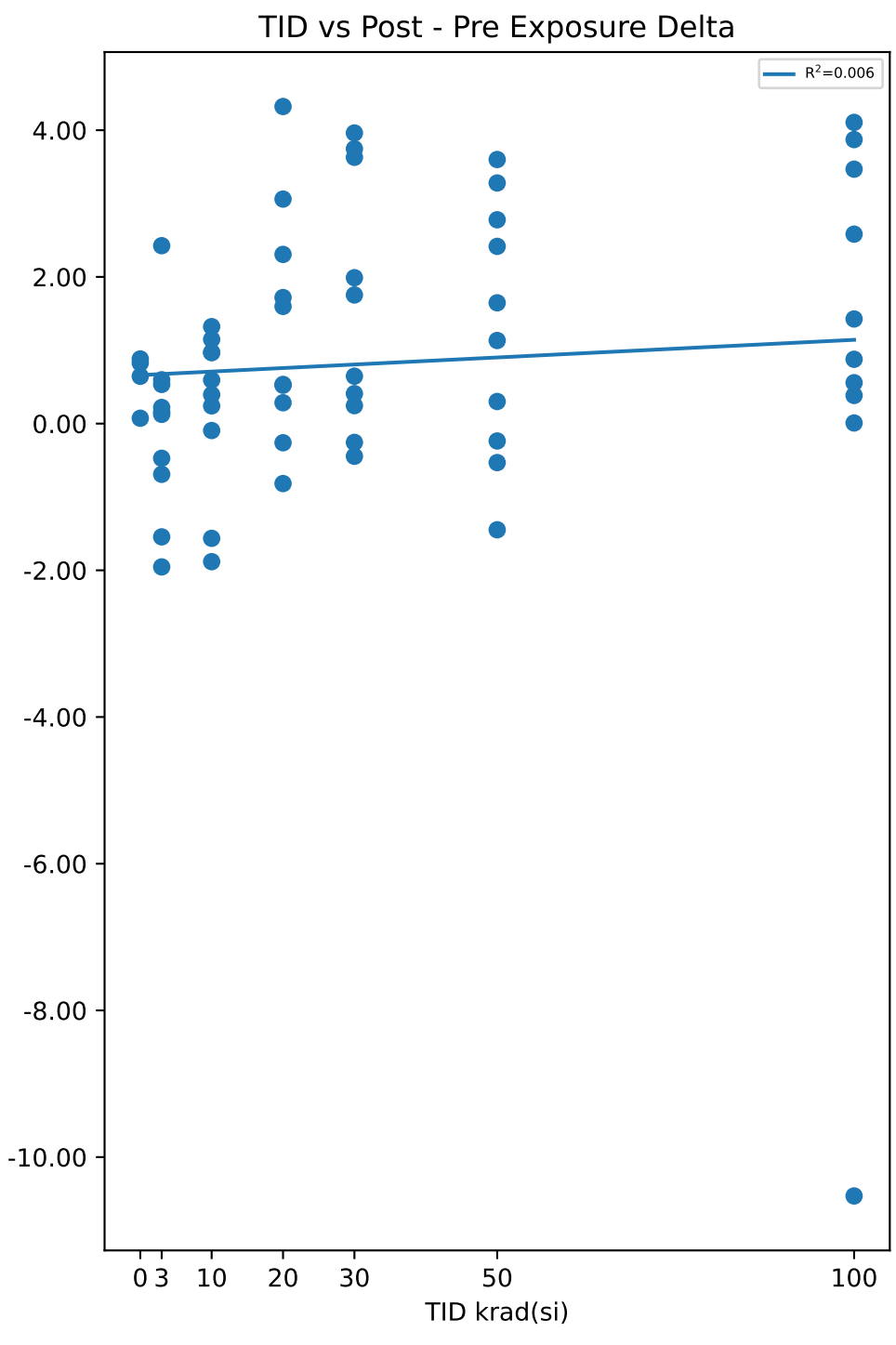
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.05	149.39	-0.66
2	3	LDR BIAS	151.33	148.15	-3.1827
3	3	LDR BIAS	147.52	151.93	4.41
4	3	LDR BIAS	144.64	145.12	0.4714
5	3	LDR BIAS	145.4	145.49	0.0943
6	3	LDR UNBIAS	137.88	137.69	-0.189
7	3	LDR UNBIAS	142.45	142.04	-0.4094
8	3	LDR UNBIAS	143.7	144.3	0.597
9	3	LDR UNBIAS	146.78	146.81	0.0315
10	3	LDR UNBIAS	149.22	148.18	-1.0399
11	0	CORRELATION	145.41	145.44	0.0325
12	0	CORRELATION	138.86	139.23	0.3645
13	0	CORRELATION	144.45	145	0.5451
14	0	CORRELATION	145	145.29	0.2931
21	10	LDR BIAS	150.05	148.31	-1.7347
22	10	LDR BIAS	151.33	152.02	0.6847
23	10	LDR BIAS	147.52	149.38	1.864
24	10	LDR BIAS	144.64	144.32	-0.3279
25	10	LDR BIAS	145.4	145.84	0.444
26	10	LDR UNBIAS	137.88	138.06	0.1859
27	10	LDR UNBIAS	142.45	141.97	-0.4767
28	10	LDR UNBIAS	143.7	144.6	0.8975
29	10	LDR UNBIAS	146.78	147.73	0.9467
30	10	LDR UNBIAS	149.22	147.7	-1.5211
31	20	LDR BIAS	150.05	149.71	-0.3375
32	20	LDR BIAS	151.33	153.05	1.7211
33	20	LDR BIAS	147.52	150.41	2.8982
34	20	LDR BIAS	144.64	145.95	1.306
35	20	LDR BIAS	145.4	145.03	-0.3704
36	20	LDR UNBIAS	137.88	137.18	-0.6929
37	20	LDR UNBIAS	142.45	142.12	-0.3267
38	20	LDR UNBIAS	143.7	146.04	2.3428
39	20	LDR UNBIAS	146.78	148.23	1.4535
40	20	LDR UNBIAS	149.22	149.63	0.4071
41	30	LDR BIAS	150.05	150.21	0.1673
42	30	LDR BIAS	151.33	154.95	3.6189
43	30	LDR BIAS	147.52	149.77	2.2547
44	30	LDR BIAS	144.64	147.3	2.6572
45	30	LDR BIAS	145.4	144.06	-1.3401
46	30	LDR UNBIAS	137.88	138.31	0.4393
47	30	LDR UNBIAS	142.45	141.36	-1.0889
48	30	LDR UNBIAS	143.7	143.47	-0.2328
49	30	LDR UNBIAS	146.78	147.86	1.0791
50	30	LDR UNBIAS	149.22	151.3	2.0825
51	50	LDR BIAS	150.05	150.94	0.8919
52	50	LDR BIAS	151.33	153.23	1.9023
53	50	LDR BIAS	147.52	148.55	1.0348
54	50	LDR BIAS	144.64	146.98	2.3369
55	50	LDR BIAS	145.4	143.87	-1.5265
56	50	LDR UNBIAS	137.88	137.96	0.0872
57	50	LDR UNBIAS	142.45	139.94	-2.503
58	50	LDR UNBIAS	143.7	142.68	-1.0252
59	50	LDR UNBIAS	146.78	148.83	2.0552
60	50	LDR UNBIAS	149.22	150.75	1.5314
61	100	LDR BIAS	150.05	150.55	0.5014
62	100	LDR BIAS	151.33	154.76	3.4282
63	100	LDR BIAS	147.52	147.44	-0.0782
64	100	LDR BIAS	144.64	147.25	2.6064
65	100	LDR BIAS	145.4	143.48	-1.9165
66	100	LDR UNBIAS	137.88	139.93	2.0539
67	100	LDR UNBIAS	142.45	141.94	-0.5049
68	100	LDR UNBIAS	143.7	144.49	0.7842
69	100	LDR UNBIAS	146.78	149.95	3.1729
70	100	LDR UNBIAS	149.22	139.96	-9.2587

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.86	143.43	145.41	3.0699	139.23	143.74	145.44	3.0135	0.0325	0.3088	0.5451	0.21255
3	137.88	145.9	151.33	4.0014	137.69	145.91	151.93	4.0181	-3.1827	0.01232	4.41	1.8822
10	137.88	145.9	151.33	4.0014	138.06	145.99	152.02	3.9851	-1.7347	0.09624	1.864	1.1275
20	137.88	145.9	151.33	4.0014	137.18	146.74	153.05	4.5884	-0.6929	0.84012	2.8982	1.2743
30	137.88	145.9	151.33	4.0014	138.31	146.86	154.95	5.0418	-1.3401	0.96372	3.6189	1.657
50	137.88	145.9	151.33	4.0014	137.96	146.37	153.23	5.0583	-2.503	0.4785	2.3369	1.6626
100	137.88	145.9	151.33	4.0014	139.93	145.97	154.76	4.8889	-9.2587	0.07887	3.4282	3.7013

Device Test: 19.15 CURRENT|EA_SINK//14/14/0/0/5/500kHz//@EA_I_SINK





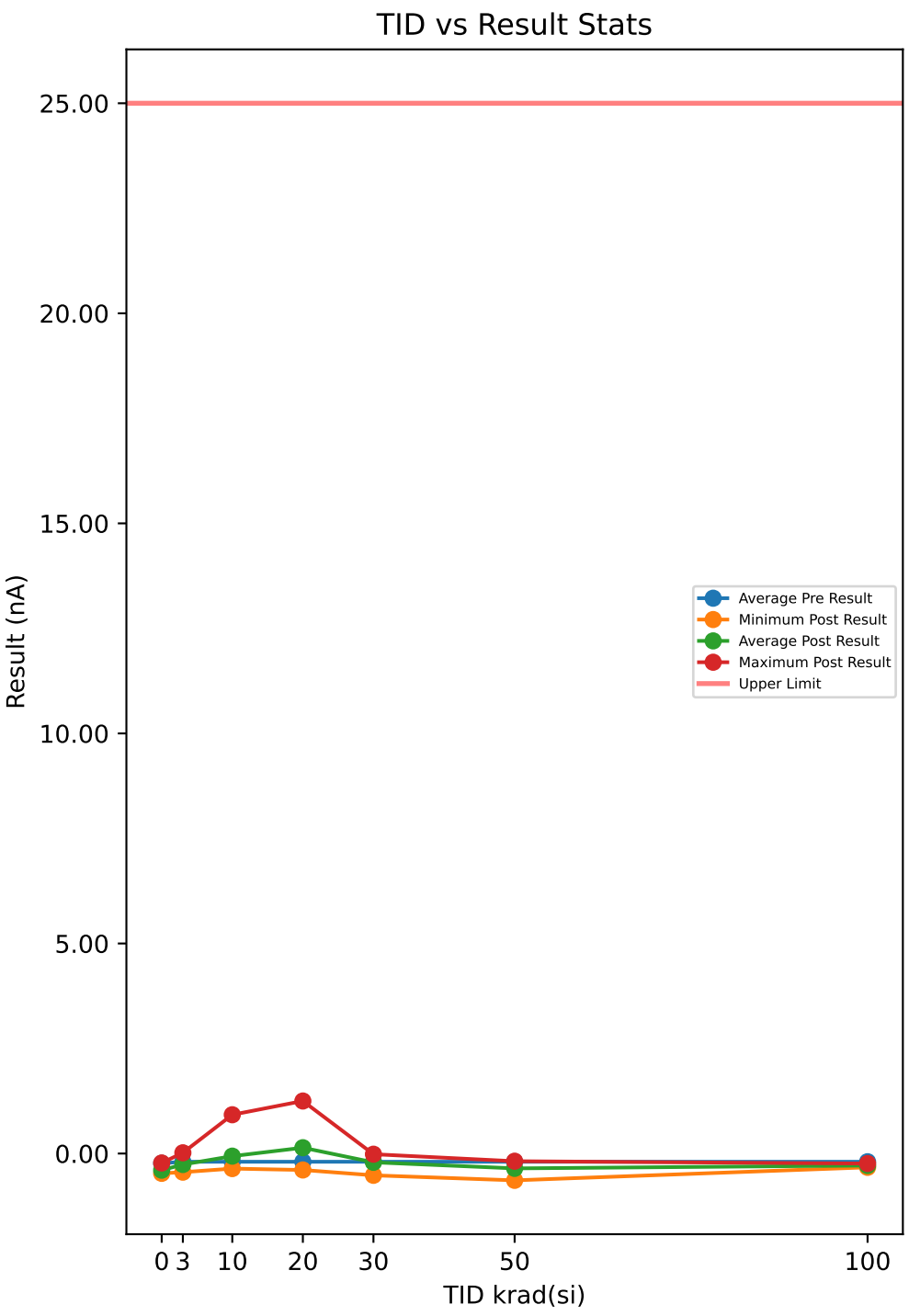
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.37	149.68	-0.6914
2	3	LDR BIAS	150.33	148.37	-1.9537
3	3	LDR BIAS	148.36	150.79	2.4255
4	3	LDR BIAS	144.18	144.77	0.597
5	3	LDR BIAS	144.34	144.5	0.1572
6	3	LDR UNBIAS	137.34	136.87	-0.4726
7	3	LDR UNBIAS	141.84	141.97	0.126
8	3	LDR UNBIAS	142.7	143.23	0.5342
9	3	LDR UNBIAS	147.14	147.36	0.22
10	3	LDR UNBIAS	148.59	147.05	-1.5441
11	0	CORRELATION	144.9	145.78	0.8814
12	0	CORRELATION	138.65	139.29	0.6452
13	0	CORRELATION	143.68	144.51	0.827
14	0	CORRELATION	145.35	145.42	0.0731
21	10	LDR BIAS	150.37	148.49	-1.8824
22	10	LDR BIAS	150.33	150.92	0.5942
23	10	LDR BIAS	148.36	149.68	1.3219
24	10	LDR BIAS	144.18	144.57	0.3943
25	10	LDR BIAS	144.34	145.31	0.9696
26	10	LDR UNBIAS	137.34	137.25	-0.0944
27	10	LDR UNBIAS	141.84	142.08	0.2417
28	10	LDR UNBIAS	142.7	143.85	1.1483
29	10	LDR UNBIAS	147.14	148.1	0.9692
30	10	LDR UNBIAS	148.59	147.03	-1.564
31	20	LDR BIAS	150.37	150.11	-0.2611
32	20	LDR BIAS	150.33	151.92	1.598
33	20	LDR BIAS	148.36	152.68	4.3229
34	20	LDR BIAS	144.18	146.48	2.3066
35	20	LDR BIAS	144.34	144.86	0.523
36	20	LDR UNBIAS	137.34	136.53	-0.8174
37	20	LDR UNBIAS	141.84	142.13	0.2843
38	20	LDR UNBIAS	142.7	145.76	3.0611
39	20	LDR UNBIAS	147.14	148.85	1.7185
40	20	LDR UNBIAS	148.59	149.13	0.5343
41	30	LDR BIAS	150.37	150.62	0.2447
42	30	LDR BIAS	150.33	154.07	3.7463
43	30	LDR BIAS	148.36	152.32	3.9621
44	30	LDR BIAS	144.18	147.81	3.6305
45	30	LDR BIAS	144.34	143.89	-0.4454
46	30	LDR UNBIAS	137.34	137.75	0.4084
47	30	LDR UNBIAS	141.84	141.59	-0.2561
48	30	LDR UNBIAS	142.7	143.35	0.6464
49	30	LDR UNBIAS	147.14	148.89	1.7536
50	30	LDR UNBIAS	148.59	150.58	1.9889
51	50	LDR BIAS	150.37	152.02	1.6469
52	50	LDR BIAS	150.33	152.74	2.4163
53	50	LDR BIAS	148.36	151.64	3.2806
54	50	LDR BIAS	144.18	147.78	3.6004
55	50	LDR BIAS	144.34	144.1	-0.237
56	50	LDR UNBIAS	137.34	136.81	-0.5315
57	50	LDR UNBIAS	141.84	140.39	-1.4476
58	50	LDR UNBIAS	142.7	143	0.3012
59	50	LDR UNBIAS	147.14	149.91	2.7788
60	50	LDR UNBIAS	148.59	149.73	1.133
61	100	LDR BIAS	150.37	150.76	0.3837
62	100	LDR BIAS	150.33	154.43	4.1064
63	100	LDR BIAS	148.36	150.94	2.583
64	100	LDR BIAS	144.18	147.65	3.4686
65	100	LDR BIAS	144.34	144.35	0.0085
66	100	LDR UNBIAS	137.34	138.22	0.877
67	100	LDR UNBIAS	141.84	142.4	0.5575
68	100	LDR UNBIAS	142.7	144.13	1.4265
69	100	LDR UNBIAS	147.14	151.01	3.8721
70	100	LDR UNBIAS	148.59	138.06	-10.53

Test Statistics (µA)

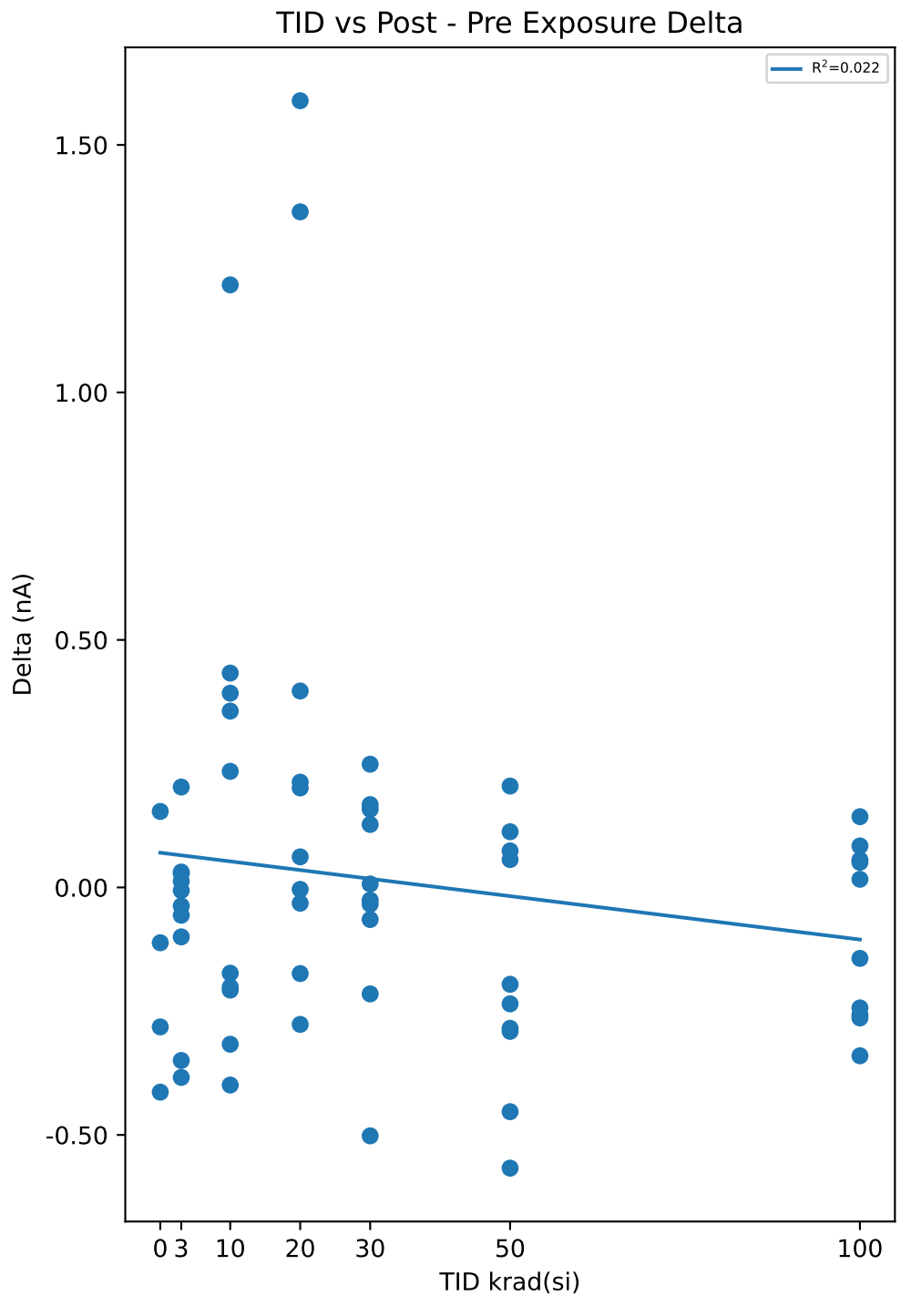
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.65	143.14	145.35	3.0786	139.29	143.75	145.78	3.019	0.0731	0.60668	0.8814	0.36978
3	137.34	145.52	150.37	4.1941	136.87	145.46	150.79	4.1248	-1.9537	-0.06019	2.4255	1.2238
10	137.34	145.52	150.37	4.1941	137.25	145.73	150.92	4.0525	-1.8824	0.20984	1.3219	1.1091
20	137.34	145.52	150.37	4.1941	136.53	146.85	152.68	4.874	-0.8174	1.327	4.3229	1.5864
30	137.34	145.52	150.37	4.1941	137.75	147.09	154.07	5.231	-0.4454	1.5679	3.9621	1.7084
50	137.34	145.52	150.37	4.1941	136.81	146.81	152.74	5.4541	-1.4476	1.2941	3.6004	1.7339
100	137.34	145.52	150.37	4.1941	138.06	146.19	154.43	5.6599	-10.53	0.67537	4.1064	4.2181

Device Test: 19.16 CURRENT|EA//14/14/0/0/5/500kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

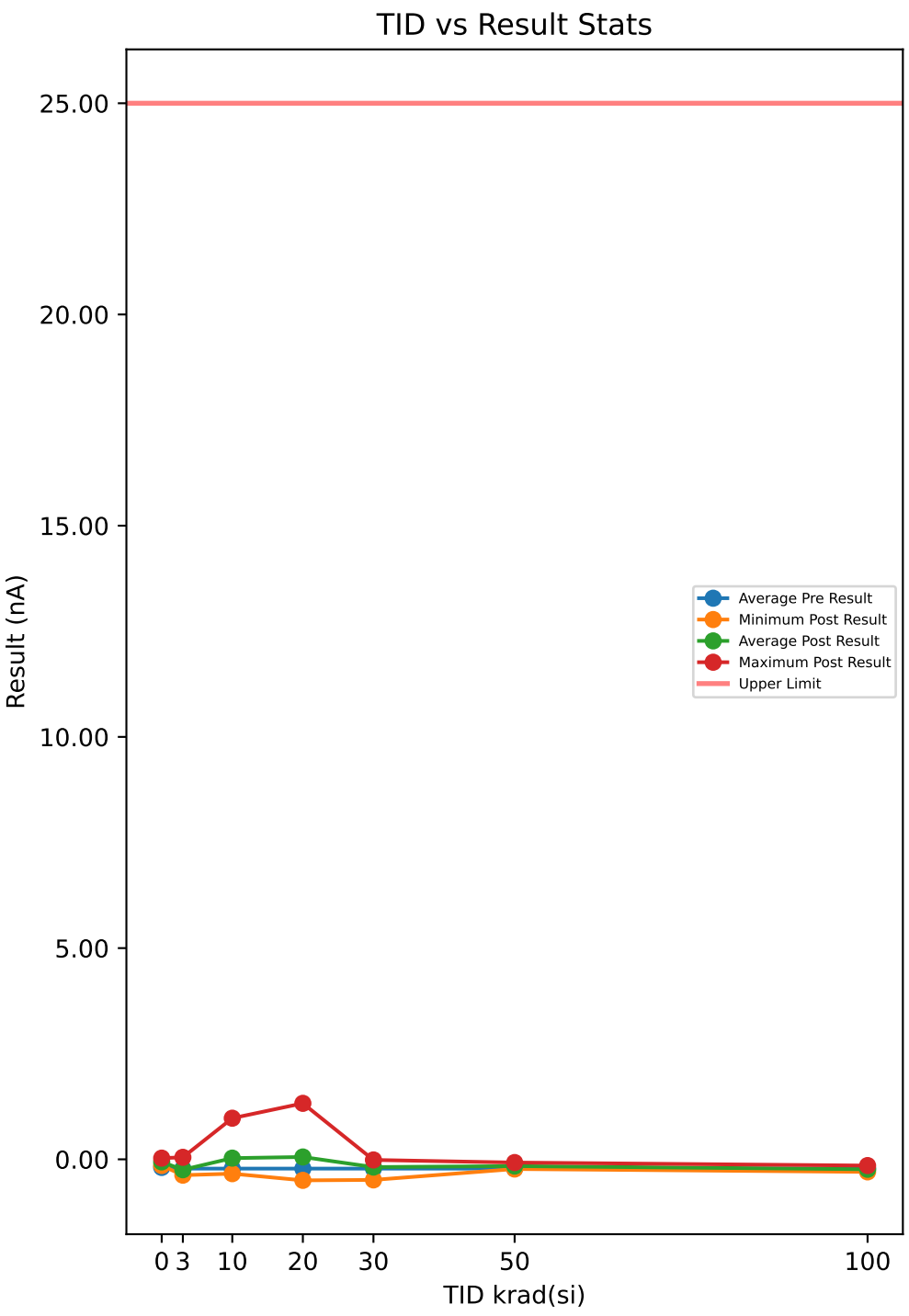
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0488	-0.335	-0.3838
2	3	LDR BIAS	-0.3875	-0.4437	-0.0562
3	3	LDR BIAS	0.0005	-0.3491	-0.3496
4	3	LDR BIAS	-0.3638	-0.3327	0.0311
5	3	LDR BIAS	-0.0167	-0.0541	-0.0374
6	3	LDR UNBIAS	-0.3782	-0.3501	0.0281
7	3	LDR UNBIAS	-0.0401	-0.0276	0.0125
8	3	LDR UNBIAS	-0.3389	-0.3451	-0.0062
9	3	LDR UNBIAS	-0.1852	0.0176	0.2028
10	3	LDR UNBIAS	-0.2939	-0.3938	-0.0999
11	0	CORRELATION	-0.1899	-0.4717	-0.2818
12	0	CORRELATION	-0.3233	-0.4351	-0.1118
13	0	CORRELATION	-0.0385	-0.4521	-0.4136
14	0	CORRELATION	-0.3782	-0.2247	0.1535
21	10	LDR BIAS	0.0488	-0.3504	-0.3992
22	10	LDR BIAS	-0.3875	0.0049	0.3924
23	10	LDR BIAS	0.0005	-0.2007	-0.2012
24	10	LDR BIAS	-0.3638	-0.0076	0.3562
25	10	LDR BIAS	-0.0167	-0.3335	-0.3168
26	10	LDR UNBIAS	-0.3782	0.0548	0.433
27	10	LDR UNBIAS	-0.0401	-0.2475	-0.2074
28	10	LDR UNBIAS	-0.3389	-0.1044	0.2345
29	10	LDR UNBIAS	-0.1852	-0.3585	-0.1733
30	10	LDR UNBIAS	-0.2939	0.9234	1.2173
31	20	LDR BIAS	0.0488	-0.1252	-0.174
32	20	LDR BIAS	-0.3875	-0.3914	-0.0039
33	20	LDR BIAS	0.0005	-0.2762	-0.2767
34	20	LDR BIAS	-0.3638	1.001	1.3648
35	20	LDR BIAS	-0.0167	0.196	0.2127
36	20	LDR UNBIAS	-0.3782	-0.3164	0.0618
37	20	LDR UNBIAS	-0.0401	0.1609	0.201
38	20	LDR UNBIAS	-0.3389	1.2504	1.5893
39	20	LDR UNBIAS	-0.1852	0.2116	0.3968
40	20	LDR UNBIAS	-0.2939	-0.3258	-0.0319
41	30	LDR BIAS	0.0488	-0.016	-0.0648
42	30	LDR BIAS	-0.3875	-0.2603	0.1272
43	30	LDR BIAS	0.0005	-0.0334	-0.0339
44	30	LDR BIAS	-0.3638	-0.2059	0.1579
45	30	LDR BIAS	-0.0167	-0.5186	-0.5019
46	30	LDR UNBIAS	-0.3782	-0.4039	-0.0257
47	30	LDR UNBIAS	-0.0401	-0.2552	-0.2151
48	30	LDR UNBIAS	-0.3389	-0.1716	0.1673
49	30	LDR UNBIAS	-0.1852	-0.1783	0.0069
50	30	LDR UNBIAS	-0.2939	-0.045	0.2489
51	50	LDR BIAS	0.0488	-0.2358	-0.2846
52	50	LDR BIAS	-0.3875	-0.1827	0.2048
53	50	LDR BIAS	0.0005	-0.5666	-0.5671
54	50	LDR BIAS	-0.3638	-0.3075	0.0563
55	50	LDR BIAS	-0.0167	-0.3075	-0.2908
56	50	LDR UNBIAS	-0.3782	-0.3044	0.0738
57	50	LDR UNBIAS	-0.0401	-0.2358	-0.1957
58	50	LDR UNBIAS	-0.3389	-0.2264	0.1125
59	50	LDR UNBIAS	-0.1852	-0.6383	-0.4531
60	50	LDR UNBIAS	-0.2939	-0.5291	-0.2352
61	100	LDR BIAS	0.0488	-0.2913	-0.3401
62	100	LDR BIAS	-0.3875	-0.2446	0.1429
63	100	LDR BIAS	0.0005	-0.2632	-0.2637
64	100	LDR BIAS	-0.3638	-0.313	0.0508
65	100	LDR BIAS	-0.0167	-0.2601	-0.2434
66	100	LDR UNBIAS	-0.3782	-0.2944	0.0838
67	100	LDR UNBIAS	-0.0401	-0.2975	-0.2574
68	100	LDR UNBIAS	-0.3389	-0.3224	0.0165
69	100	LDR UNBIAS	-0.1852	-0.3286	-0.1434
70	100	LDR UNBIAS	-0.2939	-0.2383	0.0556



Test Statistics (nA)

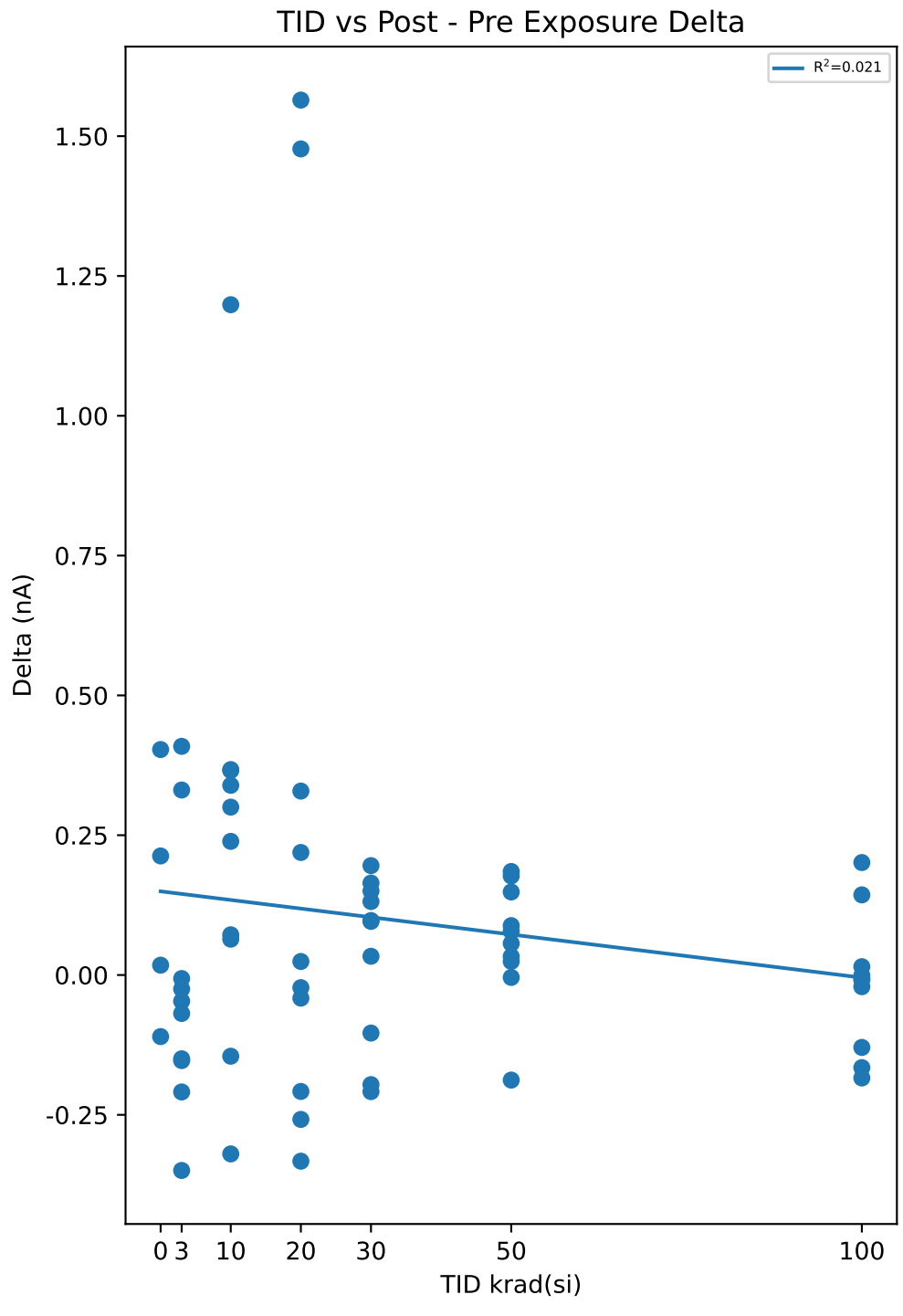
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3782	-0.23247	-0.0385	0.15157	-0.4717	-0.3959	-0.2247	0.11511	-0.4136	-0.16343	0.1535	0.24475
3	-0.3875	-0.1955	0.0488	0.17737	-0.4437	-0.26136	0.0176	0.16974	-0.3838	-0.06586	0.2028	0.17756
10	-0.3875	-0.1955	0.0488	0.17737	-0.3585	-0.06195	0.9234	0.37894	-0.3992	0.13355	1.2173	0.49442
20	-0.3875	-0.1955	0.0488	0.17737	-0.3914	0.13849	1.2504	0.57098	-0.2767	0.33399	1.5893	0.6349
30	-0.3875	-0.1955	0.0488	0.17737	-0.5186	-0.20882	-0.016	0.16191	-0.5019	-0.01332	0.2489	0.21947
50	-0.3875	-0.1955	0.0488	0.17737	-0.6383	-0.35341	-0.1827	0.16229	-0.5671	-0.15791	0.2048	0.25819
100	-0.3875	-0.1955	0.0488	0.17737	-0.3286	-0.28534	-0.2383	0.032103	-0.3401	-0.08984	0.1429	0.17762

Device Test: 19.17 CURRENT|EA//4.5/4.5/0/0/4.5/100kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

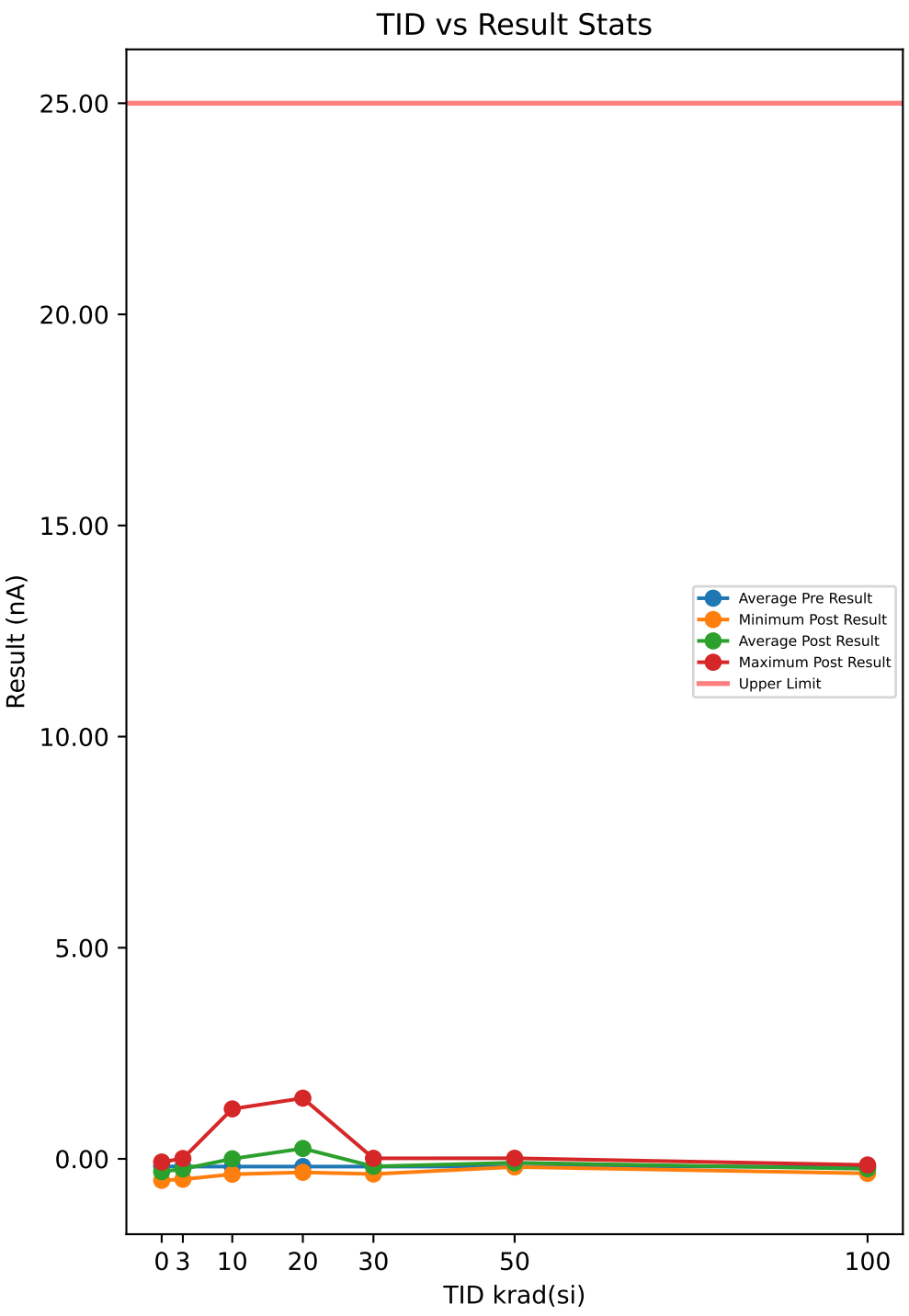
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.2913	0.0395	0.3308
2	3	LDR BIAS	-0.2782	-0.3032	-0.025
3	3	LDR BIAS	-0.3616	0.0473	0.4089
4	3	LDR BIAS	-0.2735	-0.3202	-0.0467
5	3	LDR BIAS	-0.1134	-0.3225	-0.2091
6	3	LDR UNBIAS	-0.2314	-0.3001	-0.0687
7	3	LDR UNBIAS	-0.1649	-0.3179	-0.153
8	3	LDR UNBIAS	-0.2392	-0.2455	-0.0063
9	3	LDR UNBIAS	-0.0198	-0.3693	-0.3495
10	3	LDR UNBIAS	-0.2252	-0.375	-0.1498
11	0	CORRELATION	-0.037	-0.1471	-0.1101
12	0	CORRELATION	-0.2766	-0.0637	0.2129
13	0	CORRELATION	-0.0791	-0.0615	0.0176
14	0	CORRELATION	-0.375	0.0282	0.4032
21	10	LDR BIAS	-0.2913	-0.2194	0.0719
22	10	LDR BIAS	-0.2782	0.061	0.3392
23	10	LDR BIAS	-0.3616	-0.1226	0.239
24	10	LDR BIAS	-0.2735	0.0923	0.3658
25	10	LDR BIAS	-0.1134	-0.2586	-0.1452
26	10	LDR UNBIAS	-0.2314	0.1359	0.3673
27	10	LDR UNBIAS	-0.1649	-0.1008	0.0641
28	10	LDR UNBIAS	-0.2392	0.061	0.3002
29	10	LDR UNBIAS	-0.0198	-0.3397	-0.3199
30	10	LDR UNBIAS	-0.2252	0.9734	1.1986
31	20	LDR BIAS	-0.2913	-0.0722	0.2191
32	20	LDR BIAS	-0.2782	-0.254	0.0242
33	20	LDR BIAS	-0.3616	-0.0327	0.3289
34	20	LDR BIAS	-0.2735	1.2037	1.4772
35	20	LDR BIAS	-0.1134	-0.3216	-0.2082
36	20	LDR UNBIAS	-0.2314	-0.254	-0.0226
37	20	LDR UNBIAS	-0.1649	-0.4978	-0.3329
38	20	LDR UNBIAS	-0.2392	1.3253	1.5645
39	20	LDR UNBIAS	-0.0198	-0.278	-0.2582
40	20	LDR UNBIAS	-0.2252	-0.2665	-0.0413
41	30	LDR BIAS	-0.2913	-0.4873	-0.196
42	30	LDR BIAS	-0.2782	-0.2447	0.0335
43	30	LDR BIAS	-0.3616	-0.2302	0.1314
44	30	LDR BIAS	-0.2735	-0.0779	0.1956
45	30	LDR BIAS	-0.1134	-0.016	0.0974
46	30	LDR UNBIAS	-0.2314	-0.1355	0.0959
47	30	LDR UNBIAS	-0.1649	-0.0146	0.1503
48	30	LDR UNBIAS	-0.2392	-0.0748	0.1644
49	30	LDR UNBIAS	-0.0198	-0.2283	-0.2085
50	30	LDR UNBIAS	-0.2252	-0.329	-0.1038
51	50	LDR BIAS	-0.2913	-0.1141	0.1772
52	50	LDR BIAS	-0.2782	-0.1297	0.1485
53	50	LDR BIAS	-0.3616	-0.1765	0.1851
54	50	LDR BIAS	-0.2735	-0.1952	0.0783
55	50	LDR BIAS	-0.1134	-0.0891	0.0243
56	50	LDR UNBIAS	-0.2314	-0.1983	0.0331
57	50	LDR UNBIAS	-0.1649	-0.0766	0.0883
58	50	LDR UNBIAS	-0.2392	-0.1827	0.0565
59	50	LDR UNBIAS	-0.0198	-0.2077	-0.1879
60	50	LDR UNBIAS	-0.2252	-0.2295	-0.0043
61	100	LDR BIAS	-0.2913	-0.148	0.1433
62	100	LDR BIAS	-0.2782	-0.285	-0.0068
63	100	LDR BIAS	-0.3616	-0.1605	0.2011
64	100	LDR BIAS	-0.2735	-0.2944	-0.0209
65	100	LDR BIAS	-0.1134	-0.2975	-0.1841
66	100	LDR UNBIAS	-0.2314	-0.2165	0.0149
67	100	LDR UNBIAS	-0.1649	-0.2944	-0.1295
68	100	LDR UNBIAS	-0.2392	-0.2477	-0.0085
69	100	LDR UNBIAS	-0.0198	-0.1854	-0.1656
70	100	LDR UNBIAS	-0.2252	-0.2259	-0.0007



Test Statistics (nA)

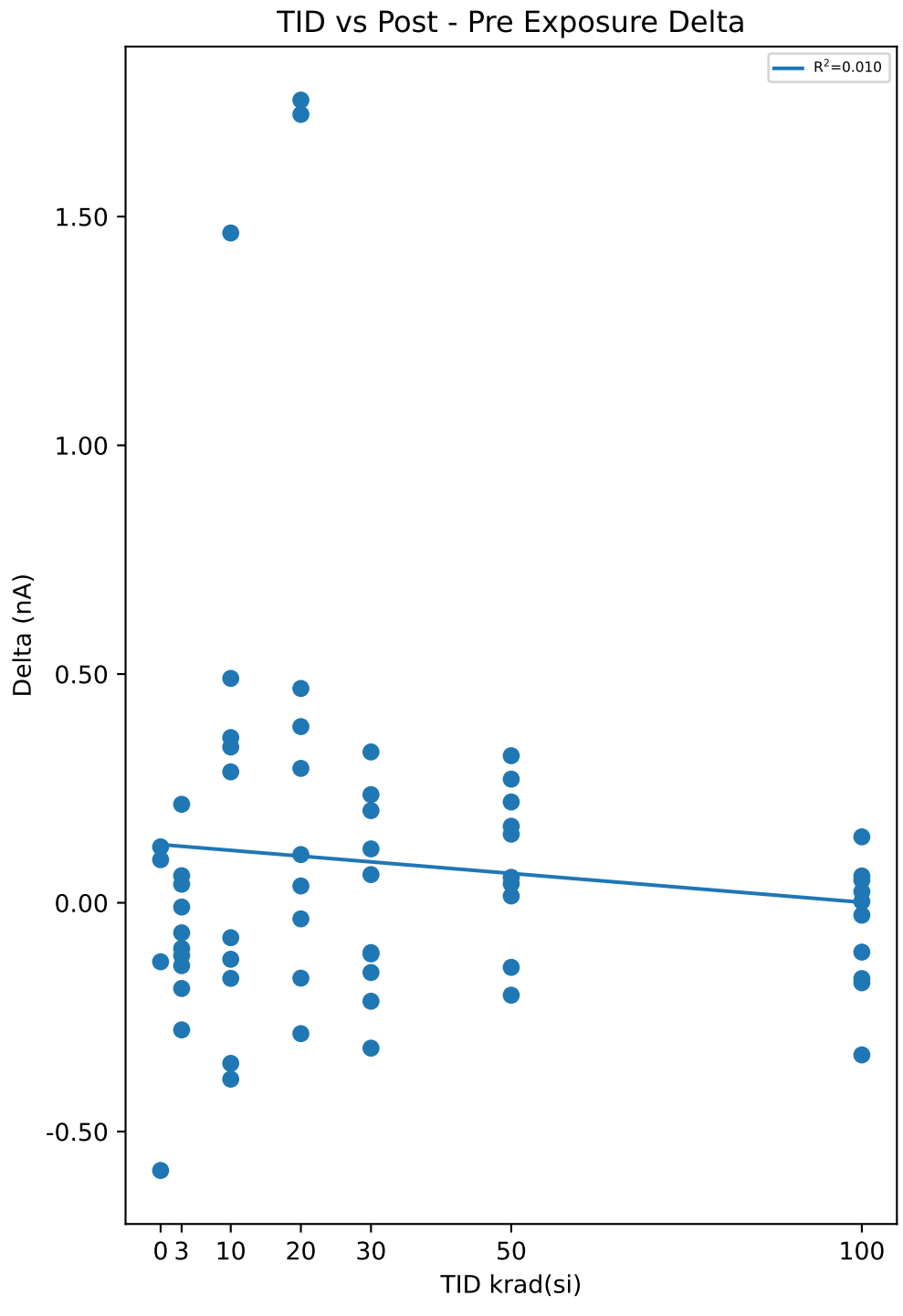
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.375	-0.19193	-0.037	0.16064	-0.1471	-0.061025	0.0282	0.071595	-0.1101	0.1309	0.4032	0.22494
3	-0.3616	-0.21985	-0.0198	0.097973	-0.375	-0.24669	0.0473	0.15709	-0.3495	-0.02684	0.4089	0.23303
10	-0.3616	-0.21985	-0.0198	0.097973	-0.3397	0.02825	0.9734	0.36962	-0.3199	0.2481	1.1986	0.40618
20	-0.3616	-0.21985	-0.0198	0.097973	-0.4978	0.05522	1.3253	0.65061	-0.3329	0.27507	1.5645	0.68742
30	-0.3616	-0.21985	-0.0198	0.097973	-0.4873	-0.18383	-0.0146	0.15028	-0.2085	0.03602	0.1956	0.15079
50	-0.3616	-0.21985	-0.0198	0.097973	-0.2295	-0.15994	-0.0766	0.05334	-0.1879	0.05991	0.1851	0.1085
100	-0.3616	-0.21985	-0.0198	0.097973	-0.2975	-0.23553	-0.148	0.057374	-0.1841	-0.01568	0.2011	0.12355

Device Test: 19.18 CURRENT|EA//4.5/4.5/0/0/4.5/1MHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

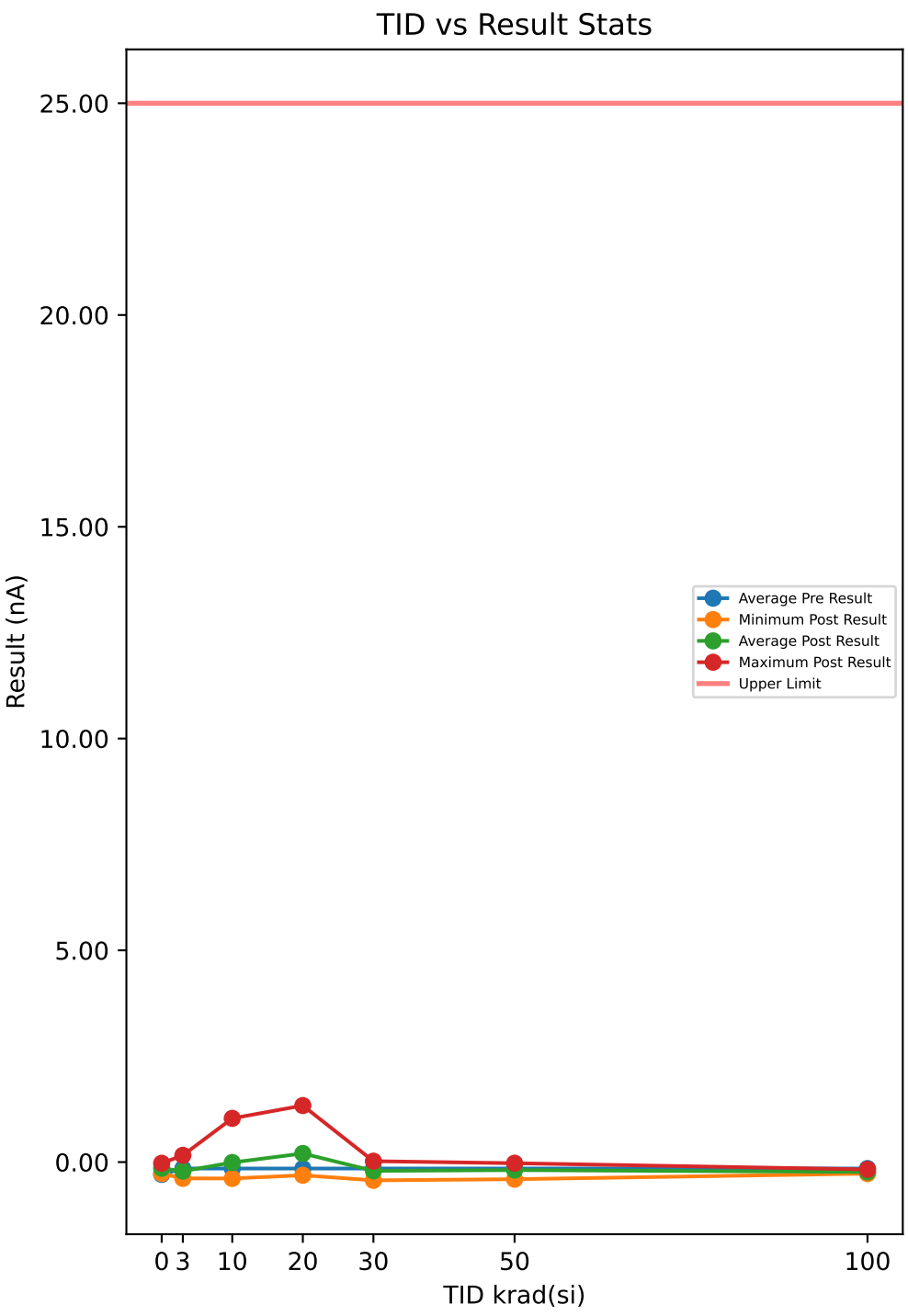
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0417	-0.1415	-0.0998
2	3	LDR BIAS	-0.3469	-0.4843	-0.1374
3	3	LDR BIAS	-0.115	-0.1806	-0.0656
4	3	LDR BIAS	-0.3544	-0.4697	-0.1153
5	3	LDR BIAS	0.0208	-0.1665	-0.1873
6	3	LDR UNBIAS	-0.2845	-0.2439	0.0406
7	3	LDR UNBIAS	0.1004	-0.1774	-0.2778
8	3	LDR UNBIAS	-0.3171	-0.2579	0.0592
9	3	LDR UNBIAS	-0.207	0.0083	0.2153
10	3	LDR UNBIAS	-0.2814	-0.2907	-0.0093
11	0	CORRELATION	-0.3803	-0.5092	-0.1289
12	0	CORRELATION	-0.3233	-0.2291	0.0942
13	0	CORRELATION	0.1799	-0.4052	-0.5851
14	0	CORRELATION	-0.1971	-0.0748	0.1223
21	10	LDR BIAS	-0.0417	-0.2069	-0.1652
22	10	LDR BIAS	-0.3469	0.0142	0.3611
23	10	LDR BIAS	-0.115	-0.1913	-0.0763
24	10	LDR BIAS	-0.3544	-0.0139	0.3405
25	10	LDR BIAS	0.0208	-0.3647	-0.3855
26	10	LDR UNBIAS	-0.2845	0.0017	0.2862
27	10	LDR UNBIAS	0.1004	-0.2506	-0.351
28	10	LDR UNBIAS	-0.3171	0.1734	0.4905
29	10	LDR UNBIAS	-0.207	-0.3304	-0.1234
30	10	LDR UNBIAS	-0.2814	1.1827	1.4641
31	20	LDR BIAS	-0.0417	0.2521	0.2938
32	20	LDR BIAS	-0.3469	-0.2415	0.1054
33	20	LDR BIAS	-0.115	0.2701	0.3851
34	20	LDR BIAS	-0.3544	1.3689	1.7233
35	20	LDR BIAS	0.0208	-0.1439	-0.1647
36	20	LDR UNBIAS	-0.2845	-0.3196	-0.0351
37	20	LDR UNBIAS	0.1004	-0.1856	-0.286
38	20	LDR UNBIAS	-0.3171	1.4375	1.7546
39	20	LDR UNBIAS	-0.207	0.2615	0.4685
40	20	LDR UNBIAS	-0.2814	-0.2446	0.0368
41	30	LDR BIAS	-0.0417	-0.3594	-0.3177
42	30	LDR BIAS	-0.3469	-0.2853	0.0616
43	30	LDR BIAS	-0.115	-0.3302	-0.2152
44	30	LDR BIAS	-0.3544	-0.1529	0.2015
45	30	LDR BIAS	0.0208	-0.0909	-0.1117
46	30	LDR UNBIAS	-0.2845	-0.0481	0.2364
47	30	LDR UNBIAS	0.1004	-0.0084	-0.1088
48	30	LDR UNBIAS	-0.3171	0.0126	0.3297
49	30	LDR UNBIAS	-0.207	-0.3594	-0.1524
50	30	LDR UNBIAS	-0.2814	-0.1636	0.1178
51	50	LDR BIAS	-0.0417	0.0139	0.0556
52	50	LDR BIAS	-0.3469	-0.0766	0.2703
53	50	LDR BIAS	-0.115	-0.0735	0.0415
54	50	LDR BIAS	-0.3544	-0.0329	0.3215
55	50	LDR BIAS	0.0208	-0.1203	-0.1411
56	50	LDR UNBIAS	-0.2845	-0.0641	0.2204
57	50	LDR UNBIAS	0.1004	-0.1016	-0.202
58	50	LDR UNBIAS	-0.3171	-0.1671	0.15
59	50	LDR UNBIAS	-0.207	-0.1921	0.0149
60	50	LDR UNBIAS	-0.2814	-0.1141	0.1673
61	100	LDR BIAS	-0.0417	-0.2165	-0.1748
62	100	LDR BIAS	-0.3469	-0.2975	0.0494
63	100	LDR BIAS	-0.115	-0.2228	-0.1078
64	100	LDR BIAS	-0.3544	-0.2103	0.1441
65	100	LDR BIAS	0.0208	-0.1449	-0.1657
66	100	LDR UNBIAS	-0.2845	-0.2259	0.0586
67	100	LDR UNBIAS	0.1004	-0.2321	-0.3325
68	100	LDR UNBIAS	-0.3171	-0.3442	-0.0271
69	100	LDR UNBIAS	-0.207	-0.2041	0.0029
70	100	LDR UNBIAS	-0.2814	-0.257	0.0244



Test Statistics (nA)

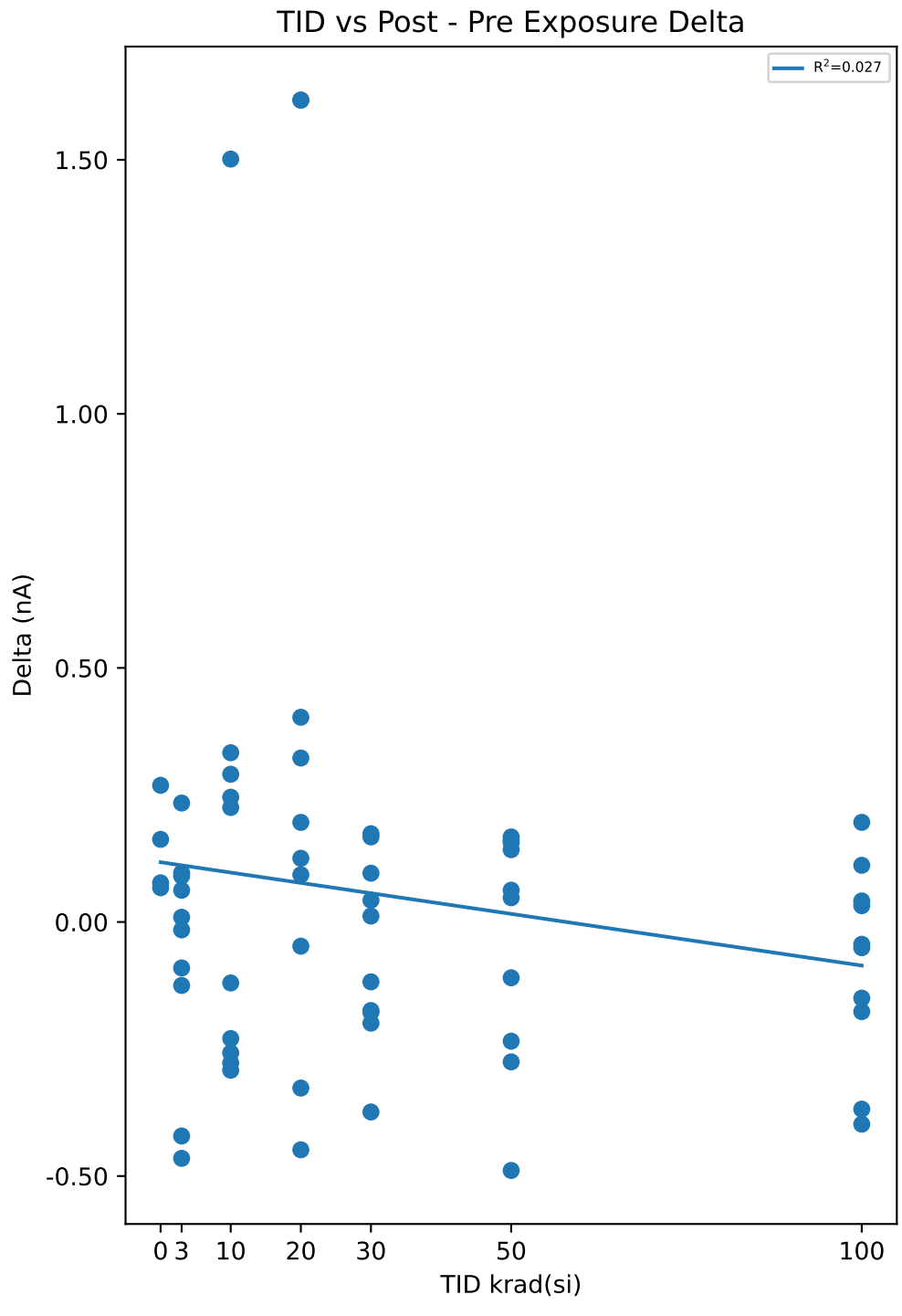
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3803	-0.1802	0.1799	0.25198	-0.5092	-0.30457	-0.0748	0.19191	-0.5851	-0.12437	0.1223	0.32706
3	-0.3544	-0.18268	0.1004	0.16372	-0.4843	-0.24042	0.0083	0.1489	-0.2778	-0.05774	0.2153	0.14022
10	-0.3544	-0.18268	0.1004	0.16372	-0.3647	0.00142	1.1827	0.4489	-0.3855	0.1841	1.4641	0.54708
20	-0.3544	-0.18268	0.1004	0.16372	-0.3196	0.24549	1.4375	0.65132	-0.286	0.42817	1.7546	0.72967
30	-0.3544	-0.18268	0.1004	0.16372	-0.3594	-0.17856	0.0126	0.14563	-0.3177	0.00412	0.3297	0.21537
50	-0.3544	-0.18268	0.1004	0.16372	-0.1921	-0.09284	0.0139	0.060645	-0.202	0.08984	0.3215	0.17014
100	-0.3544	-0.18268	0.1004	0.16372	-0.3442	-0.23553	-0.1449	0.054342	-0.3325	-0.05285	0.1441	0.14151

Device Test: 19.19 CURRENT|EA//5/5/0/0/5/100kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

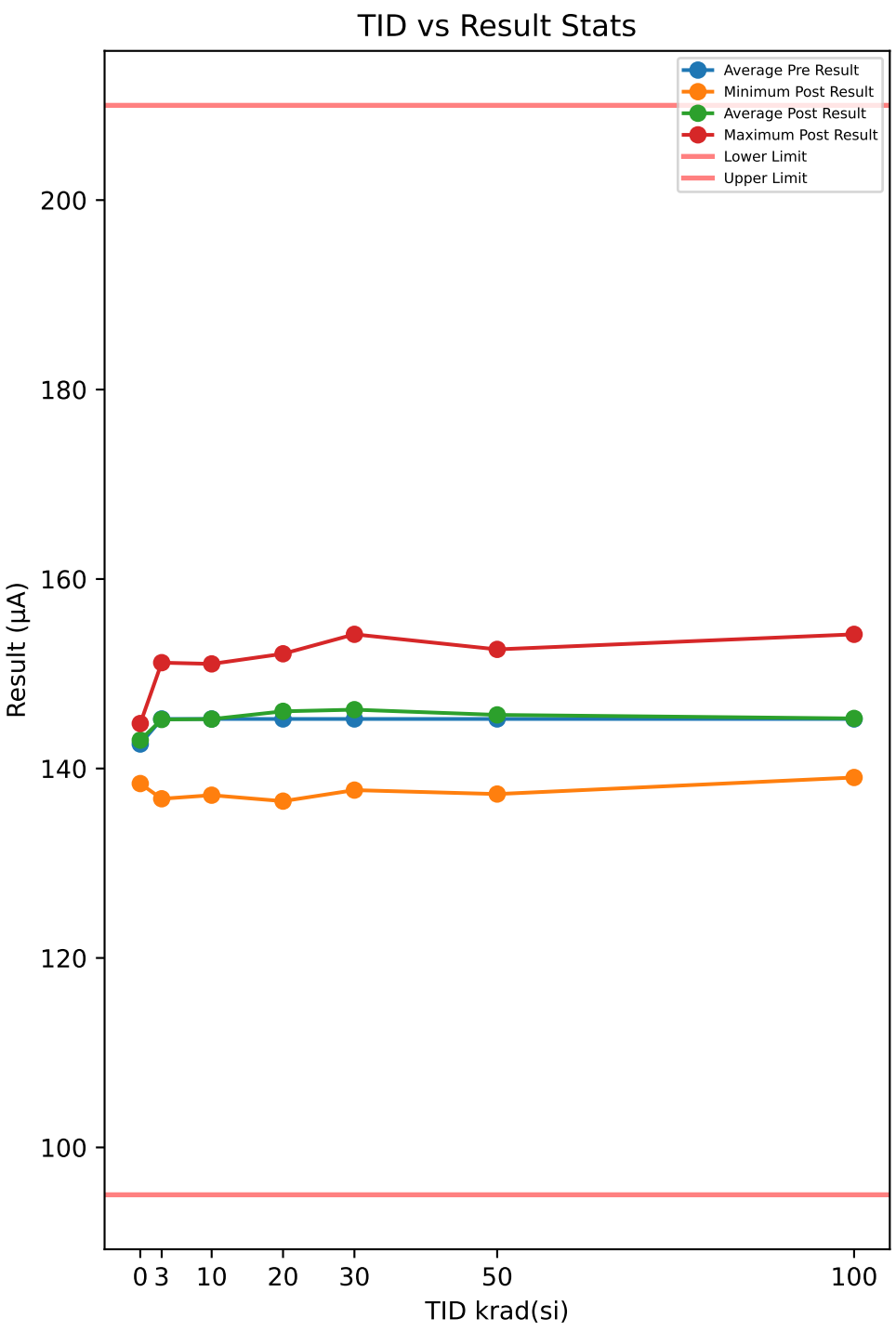
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.1393	-0.2819	-0.4212
2	3	LDR BIAS	-0.2033	-0.3282	-0.1249
3	3	LDR BIAS	0.1378	-0.3273	-0.4651
4	3	LDR BIAS	-0.2828	-0.2735	0.0093
5	3	LDR BIAS	-0.0573	0.0052	0.0625
6	3	LDR UNBIAS	-0.2939	-0.3844	-0.0905
7	3	LDR UNBIAS	-0.0744	0.1597	0.2341
8	3	LDR UNBIAS	-0.286	-0.3015	-0.0155
9	3	LDR UNBIAS	-0.129	-0.0323	0.0967
10	3	LDR UNBIAS	-0.4687	-0.3782	0.0905
11	0	CORRELATION	-0.2492	-0.1721	0.0771
12	0	CORRELATION	-0.4323	-0.2697	0.1626
13	0	CORRELATION	-0.1852	-0.1177	0.0675
14	0	CORRELATION	-0.297	-0.028	0.269
21	10	LDR BIAS	0.1393	-0.1382	-0.2775
22	10	LDR BIAS	-0.2033	0.0423	0.2456
23	10	LDR BIAS	0.1378	-0.1539	-0.2917
24	10	LDR BIAS	-0.2828	0.008	0.2908
25	10	LDR BIAS	-0.0573	-0.2867	-0.2294
26	10	LDR UNBIAS	-0.2939	0.0392	0.3331
27	10	LDR UNBIAS	-0.0744	-0.1944	-0.12
28	10	LDR UNBIAS	-0.286	-0.0607	0.2253
29	10	LDR UNBIAS	-0.129	-0.3865	-0.2575
30	10	LDR UNBIAS	-0.4687	1.0327	1.5014
31	20	LDR BIAS	0.1393	-0.1875	-0.3268
32	20	LDR BIAS	-0.2033	-0.2509	-0.0476
33	20	LDR BIAS	0.1378	-0.3105	-0.4483
34	20	LDR BIAS	-0.2828	1.3346	1.6174
35	20	LDR BIAS	-0.0573	0.3456	0.4029
36	20	LDR UNBIAS	-0.2939	-0.2009	0.093
37	20	LDR UNBIAS	-0.0744	0.2483	0.3227
38	20	LDR UNBIAS	-0.286	1.3315	1.6175
39	20	LDR UNBIAS	-0.129	-0.0036	0.1254
40	20	LDR UNBIAS	-0.4687	-0.2727	0.196
41	30	LDR BIAS	0.1393	0.0215	-0.1178
42	30	LDR BIAS	-0.2033	-0.1605	0.0428
43	30	LDR BIAS	0.1378	-0.0365	-0.1743
44	30	LDR BIAS	-0.2828	-0.1154	0.1674
45	30	LDR BIAS	-0.0573	-0.4312	-0.3739
46	30	LDR UNBIAS	-0.2939	-0.2822	0.0117
47	30	LDR UNBIAS	-0.0744	-0.2521	-0.1777
48	30	LDR UNBIAS	-0.286	-0.1123	0.1737
49	30	LDR UNBIAS	-0.129	-0.3281	-0.1991
50	30	LDR UNBIAS	-0.4687	-0.3727	0.096
51	50	LDR BIAS	0.1393	-0.0953	-0.2346
52	50	LDR BIAS	-0.2033	-0.061	0.1423
53	50	LDR BIAS	0.1378	-0.3512	-0.489
54	50	LDR BIAS	-0.2828	-0.2202	0.0626
55	50	LDR BIAS	-0.0573	-0.1671	-0.1098
56	50	LDR UNBIAS	-0.2939	-0.1265	0.1674
57	50	LDR UNBIAS	-0.0744	-0.0267	0.0477
58	50	LDR UNBIAS	-0.286	-0.1297	0.1563
59	50	LDR UNBIAS	-0.129	-0.4043	-0.2753
60	50	LDR UNBIAS	-0.4687	-0.3075	0.1612
61	100	LDR BIAS	0.1393	-0.229	-0.3683
62	100	LDR BIAS	-0.2033	-0.2539	-0.0506
63	100	LDR BIAS	0.1378	-0.2601	-0.3979
64	100	LDR BIAS	-0.2828	-0.2414	0.0414
65	100	LDR BIAS	-0.0573	-0.2072	-0.1499
66	100	LDR UNBIAS	-0.2939	-0.1823	0.1116
67	100	LDR UNBIAS	-0.0744	-0.2508	-0.1764
68	100	LDR UNBIAS	-0.286	-0.2539	0.0321
69	100	LDR UNBIAS	-0.129	-0.1729	-0.0439
70	100	LDR UNBIAS	-0.4687	-0.2726	0.1961

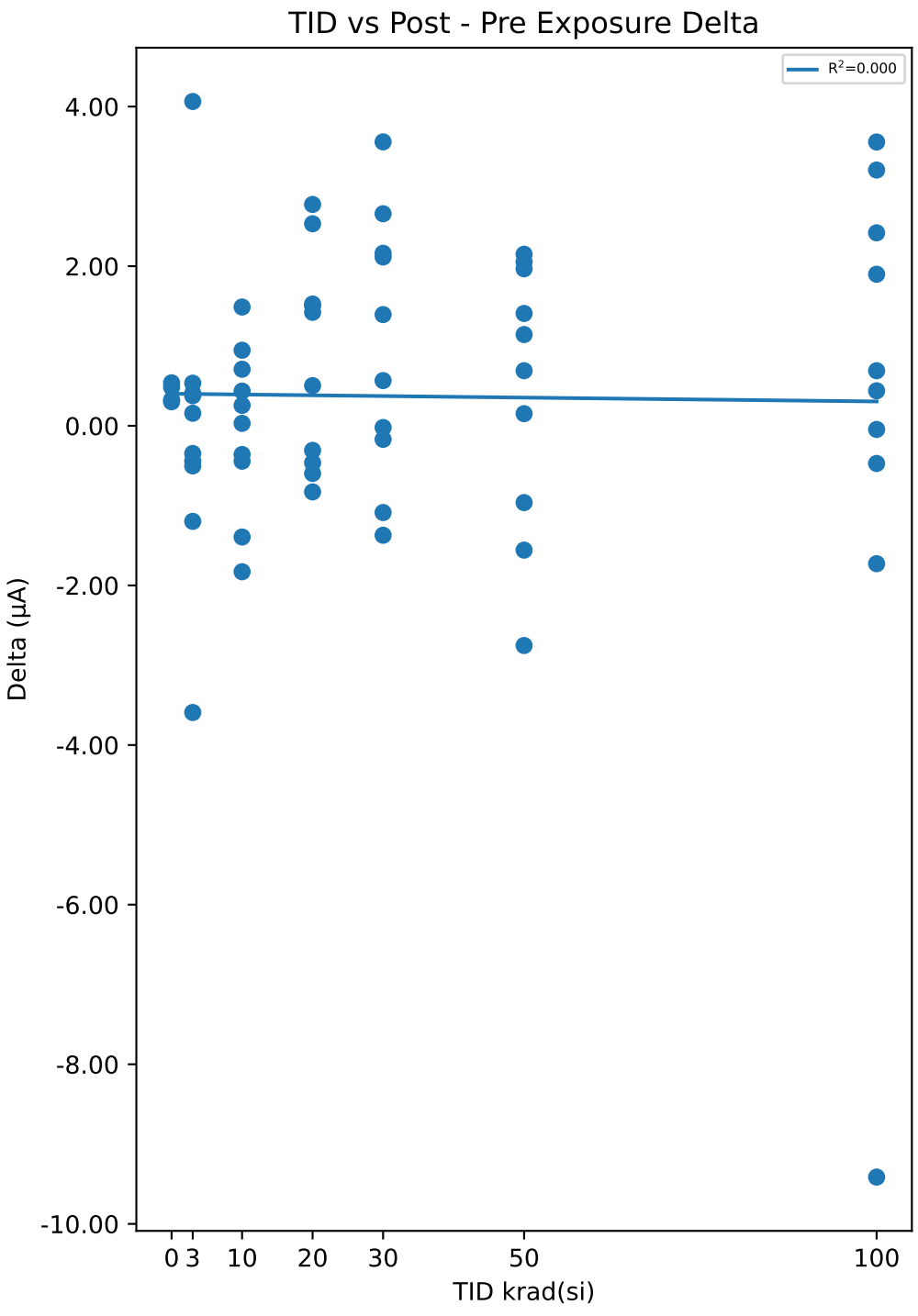


Test Statistics (nA)

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	-0.4323	-0.29092	-0.1852	0.10479	-0.2697	-0.14688	-0.028	0.10117	0.0675	0.14405	0.269	0.093628
3	-0.4687	-0.15183	0.1393	0.19508	-0.3844	-0.21424	0.1597	0.18809	-0.4651	-0.06241	0.2341	0.22488
10	-0.4687	-0.15183	0.1393	0.19508	-0.3865	-0.00982	1.0327	0.39225	-0.2917	0.14201	1.5014	0.54309
20	-0.4687	-0.15183	0.1393	0.19508	-0.3105	0.20339	1.3346	0.63515	-0.4483	0.35522	1.6175	0.71568
30	-0.4687	-0.15183	0.1393	0.19508	-0.4312	-0.20695	0.0215	0.1494	-0.3739	-0.05512	0.1737	0.18082
50	-0.4687	-0.15183	0.1393	0.19508	-0.4043	-0.18895	-0.0267	0.12784	-0.489	-0.03712	0.1674	0.22928
100	-0.4687	-0.15183	0.1393	0.19508	-0.2726	-0.23241	-0.1729	0.034033	-0.3979	-0.08058	0.1961	0.19458

Device Test: 19.2 CURRENT|EA_SOURCE//4.5/4.5/0/0/4.5/500kHz//@EA_I_SOURCE





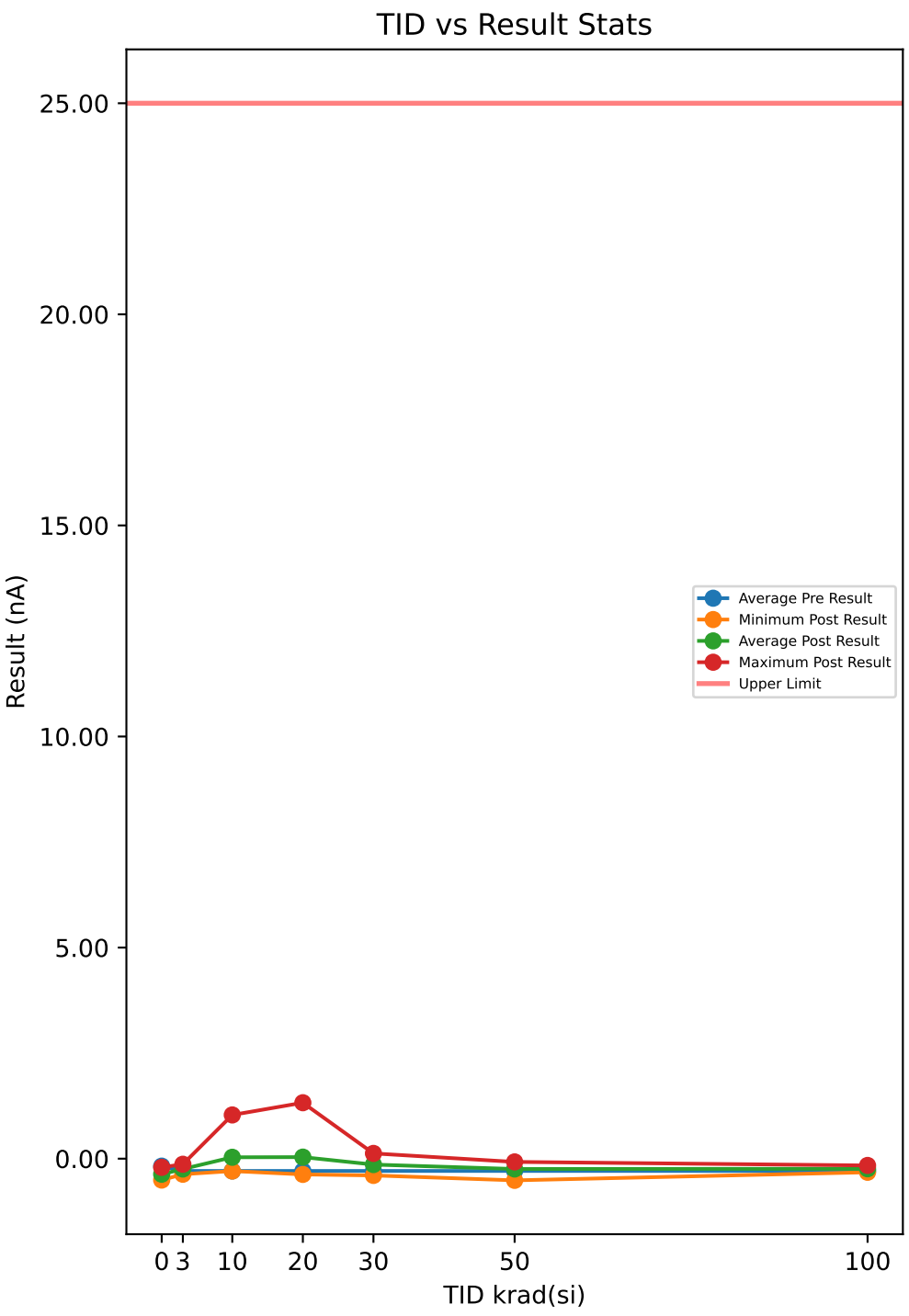
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	149.48	148.98	-0.5028
2	3	LDR BIAS	150.61	147.01	-3.5923
3	3	LDR BIAS	147.11	151.17	4.0635
4	3	LDR BIAS	143.92	144.33	0.4084
5	3	LDR BIAS	144.74	145.11	0.3771
6	3	LDR UNBIAS	137.15	136.8	-0.3467
7	3	LDR UNBIAS	141.88	141.44	-0.441
8	3	LDR UNBIAS	142.92	143.45	0.5341
9	3	LDR UNBIAS	145.99	146.15	0.1572
10	3	LDR UNBIAS	148.49	147.3	-1.1975
11	0	CORRELATION	144.21	144.75	0.5383
12	0	CORRELATION	138.11	138.41	0.301
13	0	CORRELATION	143.82	144.15	0.3259
14	0	CORRELATION	144.18	144.66	0.4841
21	10	LDR BIAS	149.48	147.65	-1.8286
22	10	LDR BIAS	150.61	151.04	0.4352
23	10	LDR BIAS	147.11	148.6	1.4883
24	10	LDR BIAS	143.92	143.56	-0.3596
25	10	LDR BIAS	144.74	144.99	0.2556
26	10	LDR UNBIAS	137.15	137.18	0.0307
27	10	LDR UNBIAS	141.88	141.43	-0.4436
28	10	LDR UNBIAS	142.92	143.62	0.7087
29	10	LDR UNBIAS	145.99	146.94	0.9468
30	10	LDR UNBIAS	148.49	147.1	-1.3933
31	20	LDR BIAS	149.48	149.02	-0.4634
32	20	LDR BIAS	150.61	152.11	1.5032
33	20	LDR BIAS	147.11	149.88	2.7734
34	20	LDR BIAS	143.92	145.45	1.5262
35	20	LDR BIAS	144.74	144.43	-0.3077
36	20	LDR UNBIAS	137.15	136.55	-0.5967
37	20	LDR UNBIAS	141.88	141.05	-0.8282
38	20	LDR UNBIAS	142.92	145.45	2.5317
39	20	LDR UNBIAS	145.99	147.42	1.4218
40	20	LDR UNBIAS	148.49	149	0.5034
41	30	LDR BIAS	149.48	149.46	-0.0212
42	30	LDR BIAS	150.61	154.16	3.5576
43	30	LDR BIAS	147.11	149.27	2.1618
44	30	LDR BIAS	143.92	146.58	2.6572
45	30	LDR BIAS	144.74	143.36	-1.3714
46	30	LDR UNBIAS	137.15	137.72	0.5665
47	30	LDR UNBIAS	141.88	140.79	-1.0871
48	30	LDR UNBIAS	142.92	142.75	-0.1699
49	30	LDR UNBIAS	145.99	147.39	1.3935
50	30	LDR UNBIAS	148.49	150.61	2.1153
51	50	LDR BIAS	149.48	150.63	1.1434
52	50	LDR BIAS	150.61	152.57	1.9673
53	50	LDR BIAS	147.11	147.8	0.6902
54	50	LDR BIAS	143.92	145.97	2.054
55	50	LDR BIAS	144.74	143.18	-1.5577
56	50	LDR UNBIAS	137.15	137.3	0.1521
57	50	LDR UNBIAS	141.88	139.13	-2.7529
58	50	LDR UNBIAS	142.92	141.95	-0.9623
59	50	LDR UNBIAS	145.99	148.14	2.1497
60	50	LDR UNBIAS	148.49	149.9	1.4077
61	100	LDR BIAS	149.48	149.92	0.4387
62	100	LDR BIAS	150.61	154.16	3.5561
63	100	LDR BIAS	147.11	147.06	-0.0457
64	100	LDR BIAS	143.92	146.34	2.4179
65	100	LDR BIAS	144.74	143.01	-1.7278
66	100	LDR UNBIAS	137.15	139.05	1.8989
67	100	LDR UNBIAS	141.88	141.41	-0.4721
68	100	LDR UNBIAS	142.92	143.61	0.69
69	100	LDR UNBIAS	145.99	149.2	3.2046
70	100	LDR UNBIAS	148.49	139.08	-9.4138

Test Statistics (µA)

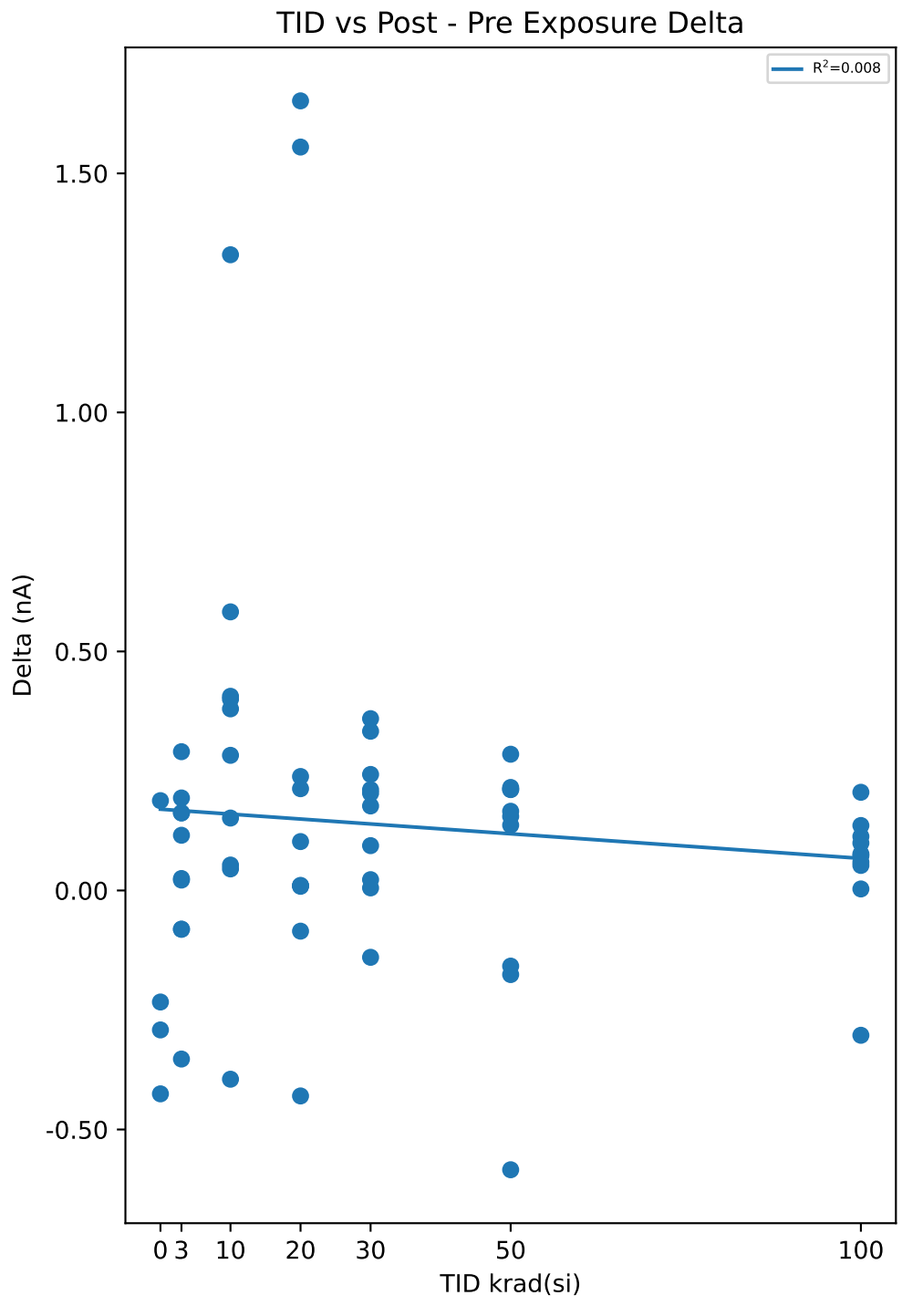
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.11	142.58	144.21	2.9864	138.41	142.99	144.75	3.0668	0.301	0.41232	0.5383	0.11674
3	137.15	145.23	150.61	4.0217	136.8	145.17	151.17	4.0414	-3.5923	-0.054	4.0635	1.8859
10	137.15	145.23	150.61	4.0217	137.18	145.21	151.04	3.9721	-1.8286	-0.01598	1.4883	1.0262
20	137.15	145.23	150.61	4.0217	136.55	146.03	152.11	4.586	-0.8282	0.80637	2.7734	1.3256
30	137.15	145.23	150.61	4.0217	137.72	146.21	154.16	5.0073	-1.3714	0.98023	3.5576	1.6537
50	137.15	145.23	150.61	4.0217	137.3	145.66	152.57	5.096	-2.7529	0.42915	2.1497	1.6862
100	137.15	145.23	150.61	4.0217	139.05	145.28	154.16	4.9474	-9.4138	0.05468	3.5561	3.7243

Device Test: 19.20 CURRENT|EA//5/5/0/0/5/1MHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

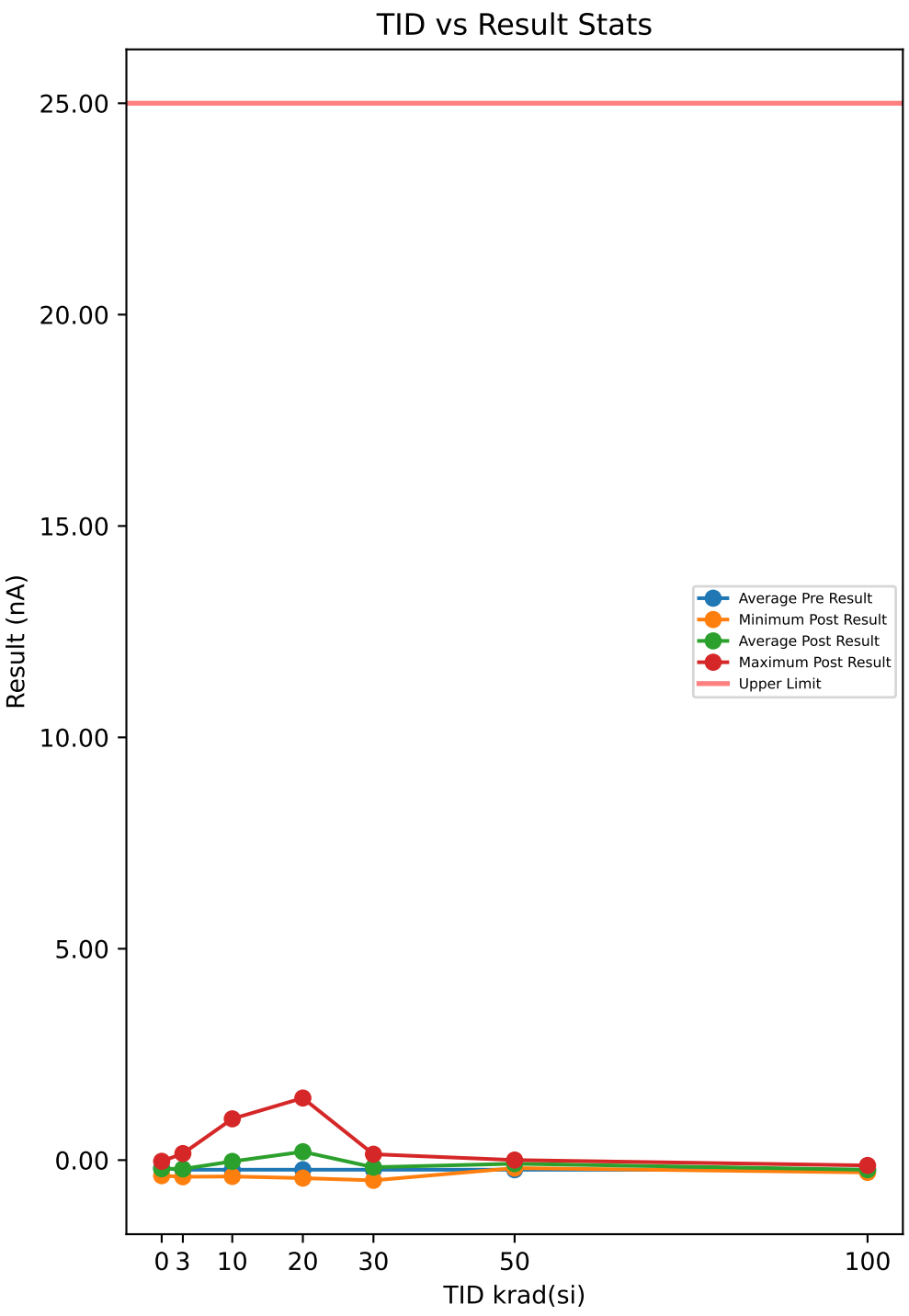
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.257	-0.1415	0.1155
2	3	LDR BIAS	-0.2876	-0.3688	-0.0812
3	3	LDR BIAS	-0.3553	-0.193	0.1623
4	3	LDR BIAS	-0.2735	-0.3544	-0.0809
5	3	LDR BIAS	-0.3256	-0.1321	0.1935
6	3	LDR UNBIAS	-0.4562	-0.2939	0.1623
7	3	LDR UNBIAS	-0.4334	-0.1431	0.2903
8	3	LDR UNBIAS	-0.3264	-0.3046	0.0218
9	3	LDR UNBIAS	0.1019	-0.2507	-0.3526
10	3	LDR UNBIAS	-0.2939	-0.2689	0.025
11	0	CORRELATION	0.0785	-0.3469	-0.4254
12	0	CORRELATION	-0.2735	-0.5068	-0.2333
13	0	CORRELATION	-0.1197	-0.4114	-0.2917
14	0	CORRELATION	-0.3938	-0.2059	0.1879
21	10	LDR BIAS	-0.257	-0.2038	0.0532
22	10	LDR BIAS	-0.2876	0.0923	0.3799
23	10	LDR BIAS	-0.3553	-0.2038	0.1515
24	10	LDR BIAS	-0.2735	0.1266	0.4001
25	10	LDR BIAS	-0.3256	-0.2805	0.0451
26	10	LDR UNBIAS	-0.4562	0.1266	0.5828
27	10	LDR UNBIAS	-0.4334	-0.1507	0.2827
28	10	LDR UNBIAS	-0.3264	0.0798	0.4062
29	10	LDR UNBIAS	0.1019	-0.2929	-0.3948
30	10	LDR UNBIAS	-0.2939	1.0359	1.3298
31	20	LDR BIAS	-0.257	-0.2468	0.0102
32	20	LDR BIAS	-0.2876	-0.3727	-0.0851
33	20	LDR BIAS	-0.3553	-0.3449	0.0104
34	20	LDR BIAS	-0.2735	1.2816	1.5551
35	20	LDR BIAS	-0.3256	-0.1127	0.2129
36	20	LDR UNBIAS	-0.4562	-0.3539	0.1023
37	20	LDR UNBIAS	-0.4334	-0.195	0.2384
38	20	LDR UNBIAS	-0.3264	1.3253	1.6517
39	20	LDR UNBIAS	0.1019	-0.3279	-0.4298
40	20	LDR UNBIAS	-0.2939	-0.2852	0.0087
41	30	LDR BIAS	-0.257	-0.3968	-0.1398
42	30	LDR BIAS	-0.2876	-0.2822	0.0054
43	30	LDR BIAS	-0.3553	-0.2615	0.0938
44	30	LDR BIAS	-0.2735	-0.0967	0.1768
45	30	LDR BIAS	-0.3256	-0.1221	0.2035
46	30	LDR UNBIAS	-0.4562	-0.2135	0.2427
47	30	LDR UNBIAS	-0.4334	-0.074	0.3594
48	30	LDR UNBIAS	-0.3264	-0.1154	0.211
49	30	LDR UNBIAS	0.1019	0.1245	0.0226
50	30	LDR UNBIAS	-0.2939	0.0392	0.3331
51	50	LDR BIAS	-0.257	-0.1203	0.1367
52	50	LDR BIAS	-0.2876	-0.0766	0.211
53	50	LDR BIAS	-0.3553	-0.5135	-0.1582
54	50	LDR BIAS	-0.2735	-0.1078	0.1657
55	50	LDR BIAS	-0.3256	-0.1141	0.2115
56	50	LDR UNBIAS	-0.4562	-0.3013	0.1549
57	50	LDR UNBIAS	-0.4334	-0.1484	0.285
58	50	LDR UNBIAS	-0.3264	-0.1109	0.2155
59	50	LDR UNBIAS	0.1019	-0.4823	-0.5842
60	50	LDR UNBIAS	-0.2939	-0.4698	-0.1759
61	100	LDR BIAS	-0.257	-0.1979	0.0591
62	100	LDR BIAS	-0.2876	-0.2352	0.0524
63	100	LDR BIAS	-0.3553	-0.2788	0.0765
64	100	LDR BIAS	-0.2735	-0.1605	0.113
65	100	LDR BIAS	-0.3256	-0.3224	0.0032
66	100	LDR UNBIAS	-0.4562	-0.2508	0.2054
67	100	LDR UNBIAS	-0.4334	-0.2975	0.1359
68	100	LDR UNBIAS	-0.3264	-0.2539	0.0725
69	100	LDR UNBIAS	0.1019	-0.201	-0.3029
70	100	LDR UNBIAS	-0.2939	-0.1947	0.0992



Test Statistics (nA)

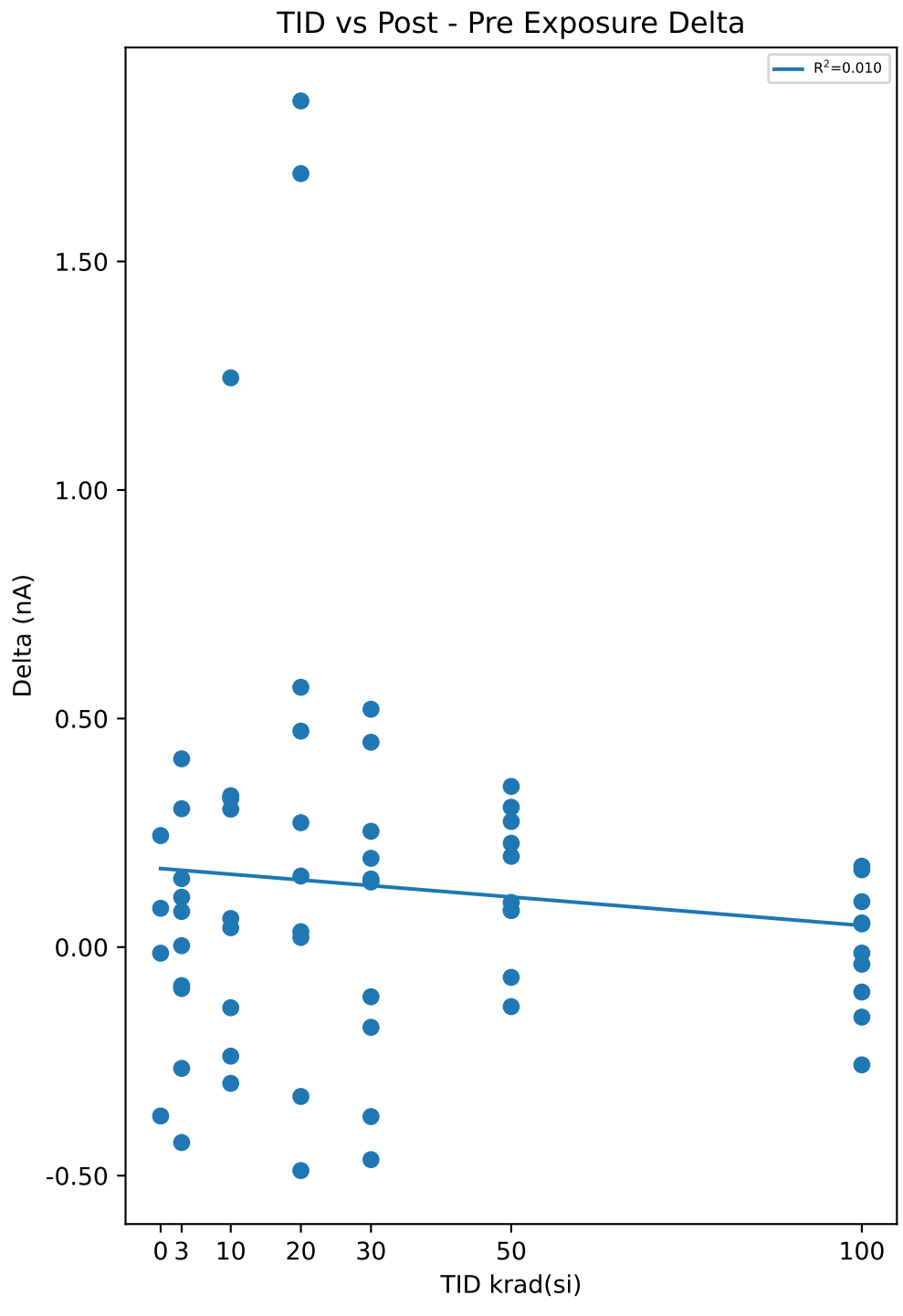
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3938	-0.17713	0.0785	0.20402	-0.5068	-0.36775	-0.2059	0.12632	-0.4254	-0.19062	0.1879	0.26485
3	-0.4562	-0.2907	0.1019	0.15275	-0.3688	-0.2451	-0.1321	0.088436	-0.3526	0.0456	0.2903	0.18424
10	-0.4562	-0.2907	0.1019	0.15275	-0.2929	0.03295	1.0359	0.3915	-0.3948	0.32365	1.3298	0.44641
20	-0.4562	-0.2907	0.1019	0.15275	-0.3727	0.03678	1.3253	0.67239	-0.4298	0.32748	1.6517	0.69753
30	-0.4562	-0.2907	0.1019	0.15275	-0.3968	-0.13985	0.1245	0.15476	-0.1398	0.15085	0.3594	0.15547
50	-0.4562	-0.2907	0.1019	0.15275	-0.5135	-0.2445	-0.0766	0.17928	-0.5842	0.0462	0.285	0.27141
100	-0.4562	-0.2907	0.1019	0.15275	-0.3224	-0.23927	-0.1605	0.051202	-0.3029	0.05143	0.2054	0.13578

Device Test: 19.21 CURRENT|EA//12/12/0/0/5/100kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

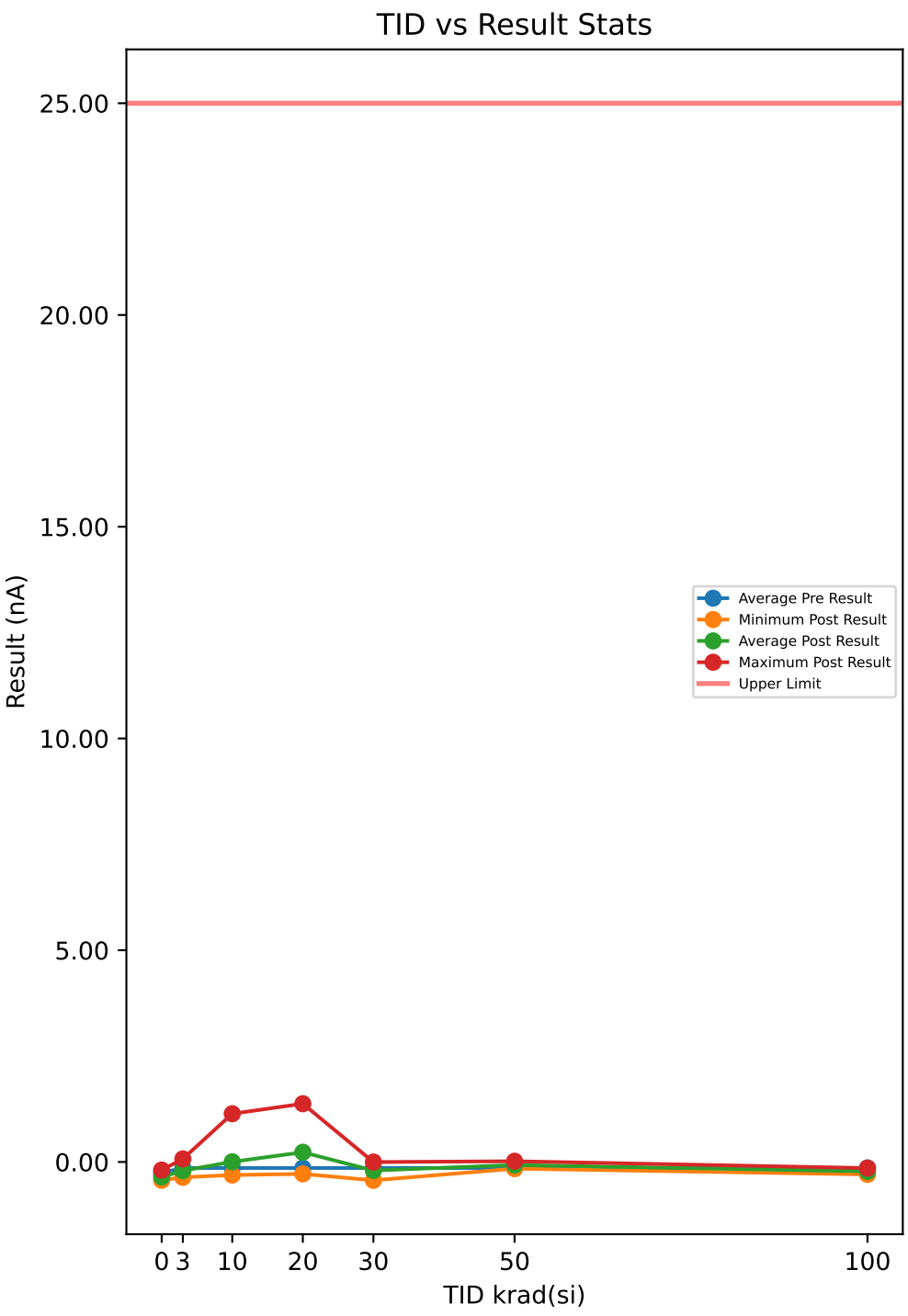
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.257	0.1549	0.4119
2	3	LDR BIAS	-0.3813	-0.2314	0.1499
3	3	LDR BIAS	-0.1618	0.1409	0.3027
4	3	LDR BIAS	-0.3825	-0.3046	0.0779
5	3	LDR BIAS	-0.0229	-0.2882	-0.2653
6	3	LDR UNBIAS	-0.3032	-0.3938	-0.0906
7	3	LDR UNBIAS	0.0629	-0.3647	-0.4276
8	3	LDR UNBIAS	-0.3046	-0.3015	0.0031
9	3	LDR UNBIAS	-0.2538	-0.1446	0.1092
10	3	LDR UNBIAS	-0.2689	-0.3532	-0.0843
11	0	CORRELATION	-0.3553	-0.3687	-0.0134
12	0	CORRELATION	-0.2922	-0.2073	0.0849
13	0	CORRELATION	0.1549	-0.2146	-0.3695
14	0	CORRELATION	-0.272	-0.028	0.244
21	10	LDR BIAS	-0.257	-0.1944	0.0626
22	10	LDR BIAS	-0.3813	-0.0544	0.3269
23	10	LDR BIAS	-0.1618	-0.1195	0.0423
24	10	LDR BIAS	-0.3825	-0.0513	0.3312
25	10	LDR BIAS	-0.0229	-0.321	-0.2981
26	10	LDR UNBIAS	-0.3032	-0.0014	0.3018
27	10	LDR UNBIAS	0.0629	-0.1757	-0.2386
28	10	LDR UNBIAS	-0.3046	0.0205	0.3251
29	10	LDR UNBIAS	-0.2538	-0.3865	-0.1327
30	10	LDR UNBIAS	-0.2689	0.9765	1.2454
31	20	LDR BIAS	-0.257	0.3114	0.5684
32	20	LDR BIAS	-0.3813	-0.2259	0.1554
33	20	LDR BIAS	-0.1618	0.3107	0.4725
34	20	LDR BIAS	-0.3825	1.4687	1.8512
35	20	LDR BIAS	-0.0229	-0.3497	-0.3268
36	20	LDR UNBIAS	-0.3032	-0.2821	0.0211
37	20	LDR UNBIAS	0.0629	-0.426	-0.4889
38	20	LDR UNBIAS	-0.3046	1.3876	1.6922
39	20	LDR UNBIAS	-0.2538	0.0183	0.2721
40	20	LDR UNBIAS	-0.2689	-0.2352	0.0337
41	30	LDR BIAS	-0.257	-0.0628	0.1942
42	30	LDR BIAS	-0.3813	0.1391	0.5204
43	30	LDR BIAS	-0.1618	0.0916	0.2534
44	30	LDR BIAS	-0.3825	0.0657	0.4482
45	30	LDR BIAS	-0.0229	-0.3937	-0.3708
46	30	LDR UNBIAS	-0.3032	-0.4787	-0.1755
47	30	LDR UNBIAS	0.0629	-0.4021	-0.465
48	30	LDR UNBIAS	-0.3046	-0.1622	0.1424
49	30	LDR UNBIAS	-0.2538	-0.3625	-0.1087
50	30	LDR UNBIAS	-0.2689	-0.1199	0.149
51	50	LDR BIAS	-0.257	-0.0298	0.2272
52	50	LDR BIAS	-0.3813	-0.0298	0.3515
53	50	LDR BIAS	-0.1618	-0.0641	0.0977
54	50	LDR BIAS	-0.3825	-0.1078	0.2747
55	50	LDR BIAS	-0.0229	-0.0891	-0.0662
56	50	LDR UNBIAS	-0.3032	-0.1047	0.1985
57	50	LDR UNBIAS	0.0629	-0.0673	-0.1302
58	50	LDR UNBIAS	-0.3046	0.0014	0.306
59	50	LDR UNBIAS	-0.2538	-0.1734	0.0804
60	50	LDR UNBIAS	-0.2689	-0.189	0.0799
61	100	LDR BIAS	-0.257	-0.2041	0.0529
62	100	LDR BIAS	-0.3813	-0.2819	0.0994
63	100	LDR BIAS	-0.1618	-0.2601	-0.0983
64	100	LDR BIAS	-0.3825	-0.2134	0.1691
65	100	LDR BIAS	-0.0229	-0.1761	-0.1532
66	100	LDR UNBIAS	-0.3032	-0.1262	0.177
67	100	LDR UNBIAS	0.0629	-0.1947	-0.2576
68	100	LDR UNBIAS	-0.3046	-0.2539	0.0507
69	100	LDR UNBIAS	-0.2538	-0.2913	-0.0375
70	100	LDR UNBIAS	-0.2689	-0.2819	-0.013



Test Statistics (nA)

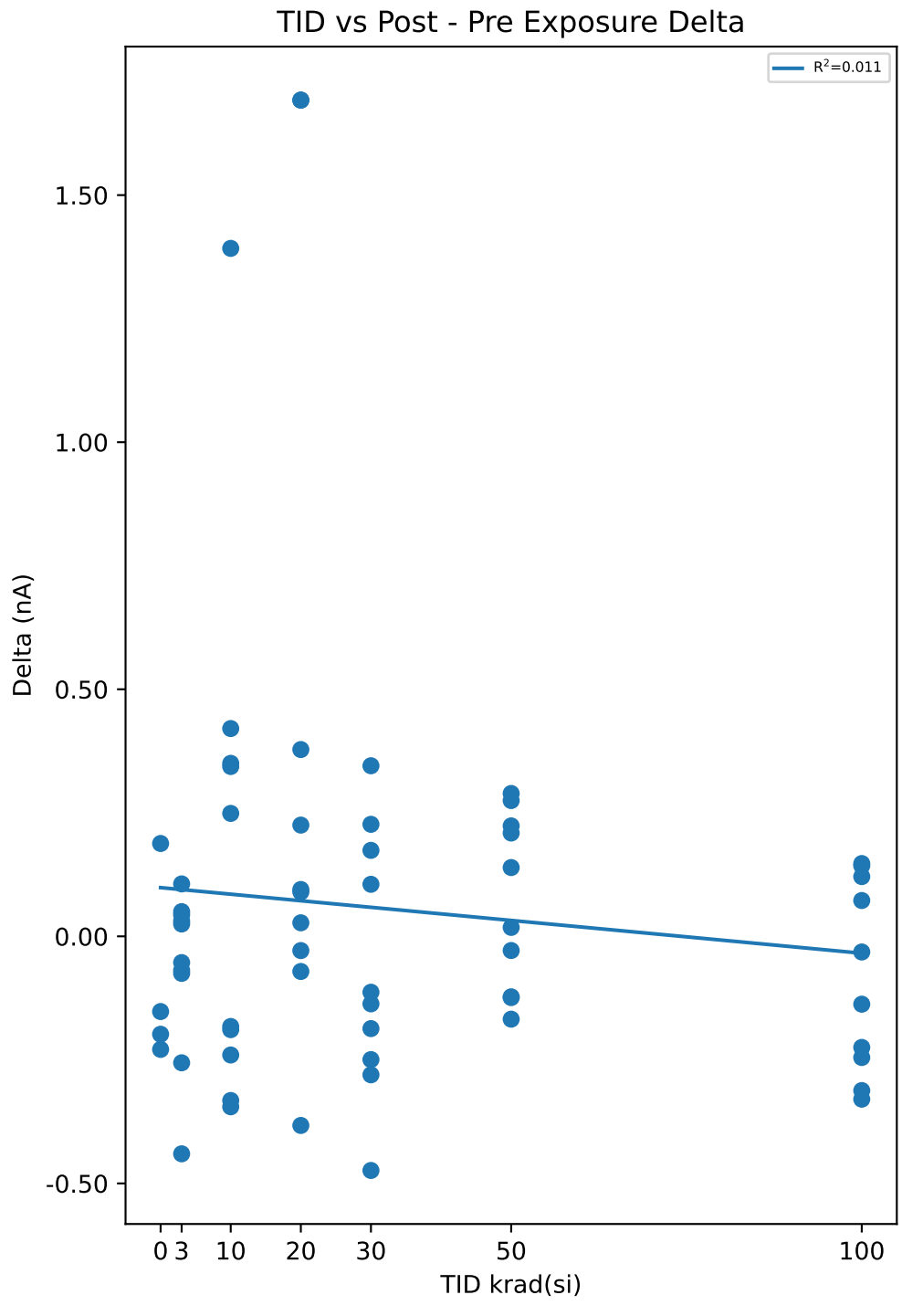
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3553	-0.19115	0.1549	0.23341	-0.3687	-0.20465	-0.028	0.13931	-0.3695	-0.0135	0.244	0.25995
3	-0.3825	-0.22731	0.0629	0.14649	-0.3938	-0.20862	0.1549	0.20074	-0.4276	0.01869	0.4119	0.25096
10	-0.3825	-0.22731	0.0629	0.14649	-0.3865	-0.03072	0.9765	0.37793	-0.2981	0.19659	1.2454	0.44058
20	-0.3825	-0.22731	0.0629	0.14649	-0.426	0.19778	1.4687	0.69721	-0.4889	0.42509	1.8512	0.77999
30	-0.3825	-0.22731	0.0629	0.14649	-0.4787	-0.16855	0.1391	0.22848	-0.465	0.05876	0.5204	0.32963
50	-0.3825	-0.22731	0.0629	0.14649	-0.189	-0.08536	0.0014	0.06134	-0.1302	0.14195	0.3515	0.15843
100	-0.3825	-0.22731	0.0629	0.14649	-0.2913	-0.22836	-0.1262	0.054229	-0.2576	-0.00105	0.177	0.13993

Device Test: 19.22 CURRENT|EA//12/12/0/0/5/1MHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

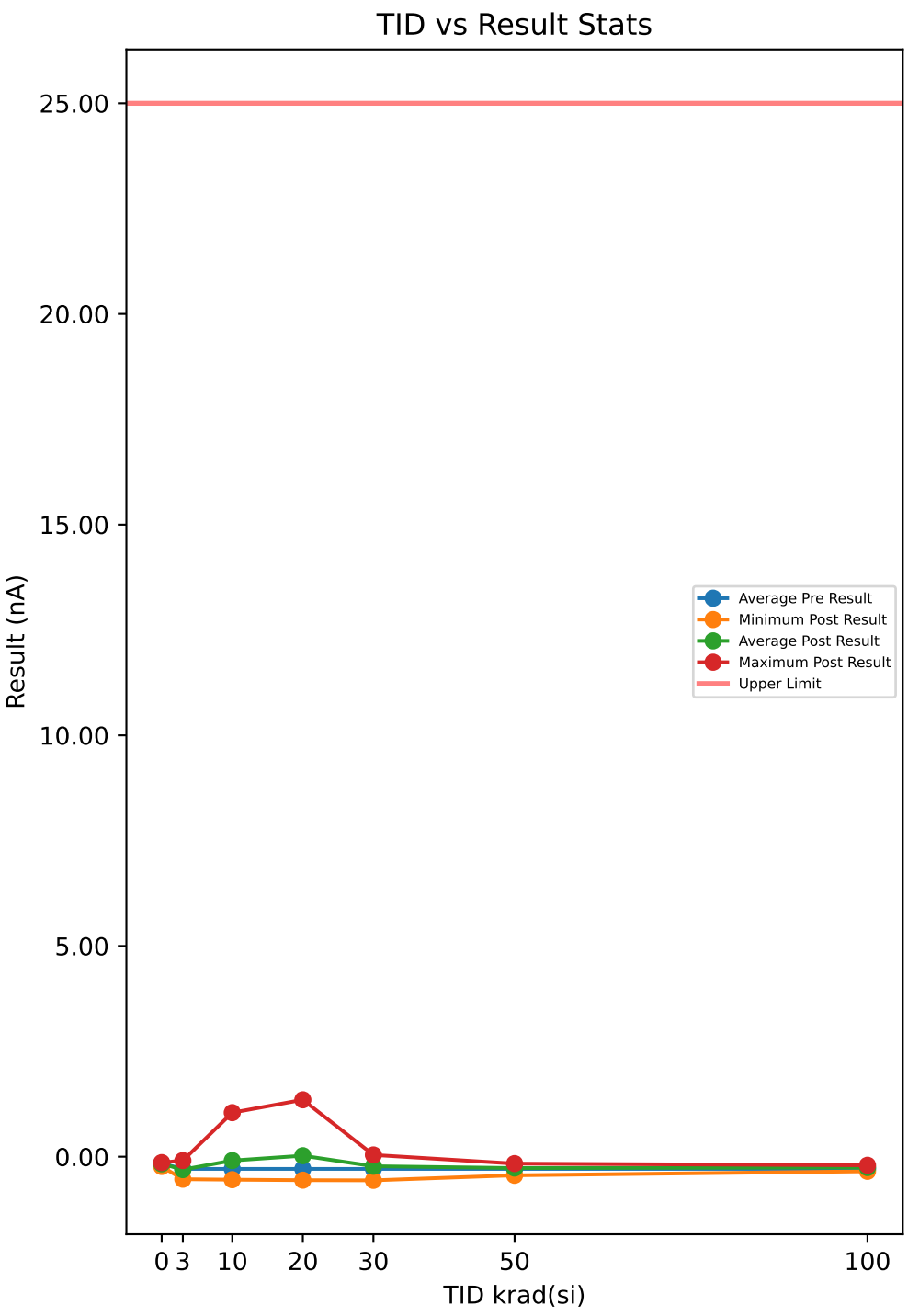
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0145	-0.2414	-0.2559
2	3	LDR BIAS	-0.2876	-0.3626	-0.075
3	3	LDR BIAS	0.1846	-0.2555	-0.4401
4	3	LDR BIAS	-0.3669	-0.3358	0.0311
5	3	LDR BIAS	0.0395	-0.0136	-0.0531
6	3	LDR UNBIAS	-0.3688	-0.3188	0.05
7	3	LDR UNBIAS	0.0473	0.0723	0.025
8	3	LDR UNBIAS	-0.3171	-0.2735	0.0436
9	3	LDR UNBIAS	-0.1197	-0.0136	0.1061
10	3	LDR UNBIAS	-0.2533	-0.322	-0.0687
11	0	CORRELATION	-0.2024	-0.4312	-0.2288
12	0	CORRELATION	-0.2673	-0.4195	-0.1522
13	0	CORRELATION	-0.179	-0.3771	-0.1981
14	0	CORRELATION	-0.3782	-0.1903	0.1879
21	10	LDR BIAS	0.0145	-0.2256	-0.2401
22	10	LDR BIAS	-0.2876	-0.0388	0.2488
23	10	LDR BIAS	0.1846	-0.1476	-0.3322
24	10	LDR BIAS	-0.3669	-0.0232	0.3437
25	10	LDR BIAS	0.0395	-0.3054	-0.3449
26	10	LDR UNBIAS	-0.3688	0.0517	0.4205
27	10	LDR UNBIAS	0.0473	-0.1351	-0.1824
28	10	LDR UNBIAS	-0.3171	0.033	0.3501
29	10	LDR UNBIAS	-0.1197	-0.3085	-0.1888
30	10	LDR UNBIAS	-0.2533	1.1389	1.3922
31	20	LDR BIAS	0.0145	-0.0566	-0.0711
32	20	LDR BIAS	-0.2876	-0.2602	0.0274
33	20	LDR BIAS	0.1846	-0.1981	-0.3827
34	20	LDR BIAS	-0.3669	1.3253	1.6922
35	20	LDR BIAS	0.0395	0.2646	0.2251
36	20	LDR UNBIAS	-0.3688	-0.279	0.0898
37	20	LDR UNBIAS	0.0473	0.1421	0.0948
38	20	LDR UNBIAS	-0.3171	1.3752	1.6923
39	20	LDR UNBIAS	-0.1197	0.2583	0.378
40	20	LDR UNBIAS	-0.2533	-0.2821	-0.0288
41	30	LDR BIAS	0.0145	-0.1221	-0.1366
42	30	LDR BIAS	-0.2876	-0.1823	0.1053
43	30	LDR BIAS	0.1846	-0.0021	-0.1867
44	30	LDR BIAS	-0.3669	-0.0217	0.3452
45	30	LDR BIAS	0.0395	-0.4343	-0.4738
46	30	LDR UNBIAS	-0.3688	-0.1948	0.174
47	30	LDR UNBIAS	0.0473	-0.2021	-0.2494
48	30	LDR UNBIAS	-0.3171	-0.0904	0.2267
49	30	LDR UNBIAS	-0.1197	-0.3999	-0.2802
50	30	LDR UNBIAS	-0.2533	-0.3664	-0.1131
51	50	LDR BIAS	0.0145	-0.0142	-0.0287
52	50	LDR BIAS	-0.2876	-0.0641	0.2235
53	50	LDR BIAS	0.1846	0.017	-0.1676
54	50	LDR BIAS	-0.3669	-0.1578	0.2091
55	50	LDR BIAS	0.0395	-0.0829	-0.1224
56	50	LDR UNBIAS	-0.3688	-0.0797	0.2891
57	50	LDR UNBIAS	0.0473	-0.0766	-0.1239
58	50	LDR UNBIAS	-0.3171	-0.0423	0.2748
59	50	LDR UNBIAS	-0.1197	-0.1016	0.0181
60	50	LDR UNBIAS	-0.2533	-0.1141	0.1392
61	100	LDR BIAS	0.0145	-0.2103	-0.2248
62	100	LDR BIAS	-0.2876	-0.1667	0.1209
63	100	LDR BIAS	0.1846	-0.1449	-0.3295
64	100	LDR BIAS	-0.3669	-0.2944	0.0725
65	100	LDR BIAS	0.0395	-0.2726	-0.3121
66	100	LDR UNBIAS	-0.3688	-0.2259	0.1429
67	100	LDR UNBIAS	0.0473	-0.1979	-0.2452
68	100	LDR UNBIAS	-0.3171	-0.1698	0.1473
69	100	LDR UNBIAS	-0.1197	-0.257	-0.1373
70	100	LDR UNBIAS	-0.2533	-0.285	-0.0317



Test Statistics (nA)

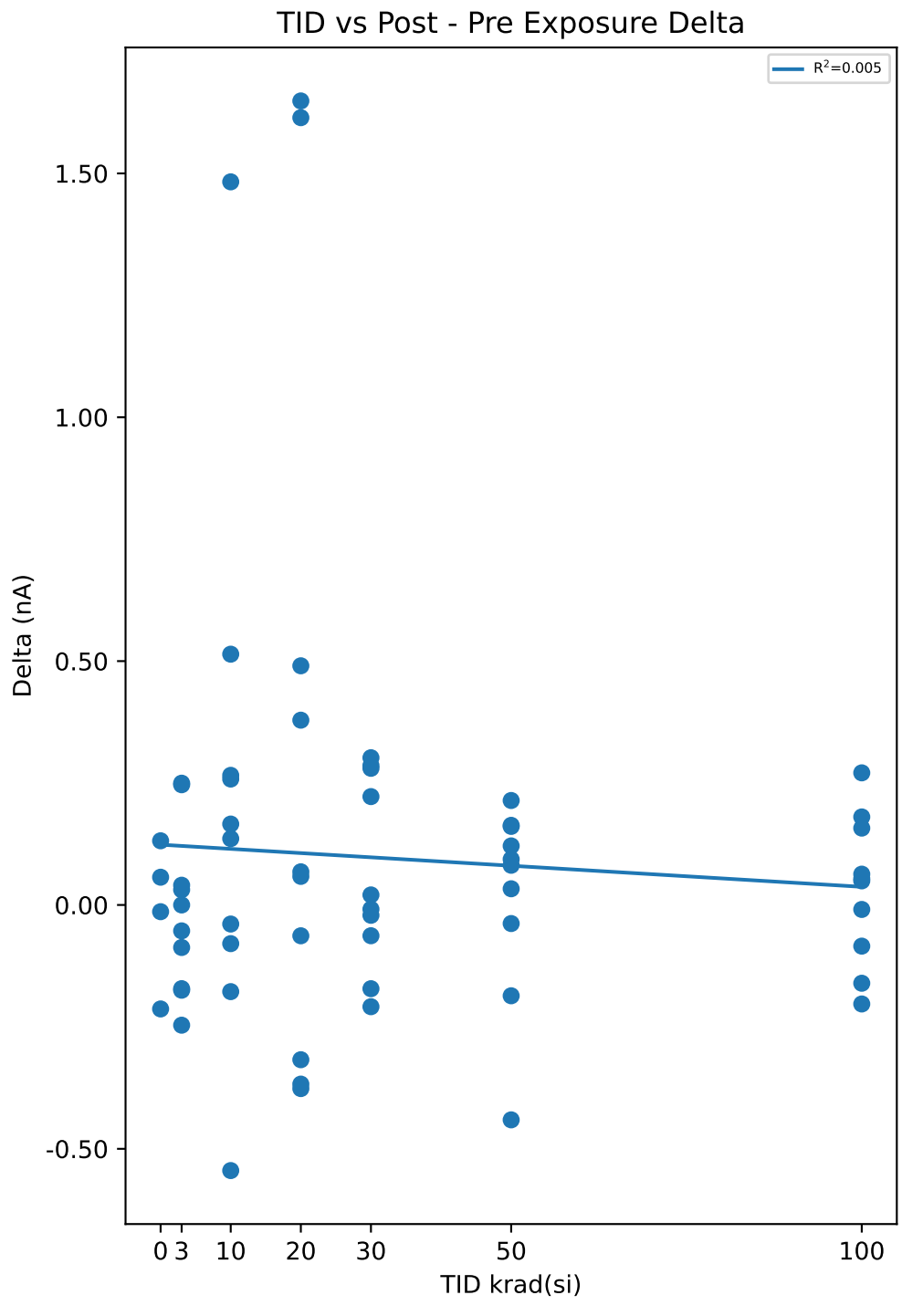
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3782	-0.25672	-0.179	0.089182	-0.4312	-0.35452	-0.1903	0.11192	-0.2288	-0.0978	0.1879	0.19305
3	-0.3688	-0.14275	0.1846	0.20185	-0.3626	-0.20645	0.0723	0.15892	-0.4401	-0.0637	0.1061	0.16634
10	-0.3688	-0.14275	0.1846	0.20185	-0.3085	0.00394	1.1389	0.41927	-0.3449	0.14669	1.3922	0.53316
20	-0.3688	-0.14275	0.1846	0.20185	-0.2821	0.22895	1.3752	0.62786	-0.3827	0.3717	1.6923	0.72338
30	-0.3688	-0.14275	0.1846	0.20185	-0.4343	-0.20161	-0.0021	0.15344	-0.4738	-0.05886	0.3452	0.26008
50	-0.3688	-0.14275	0.1846	0.20185	-0.1578	-0.07163	0.017	0.049905	-0.1676	0.07112	0.2891	0.17674
100	-0.3688	-0.14275	0.1846	0.20185	-0.2944	-0.22245	-0.1449	0.053181	-0.3295	-0.0797	0.1473	0.19292

Device Test: 19.23 CURRENT|EA//14/14/0/0/5/100kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

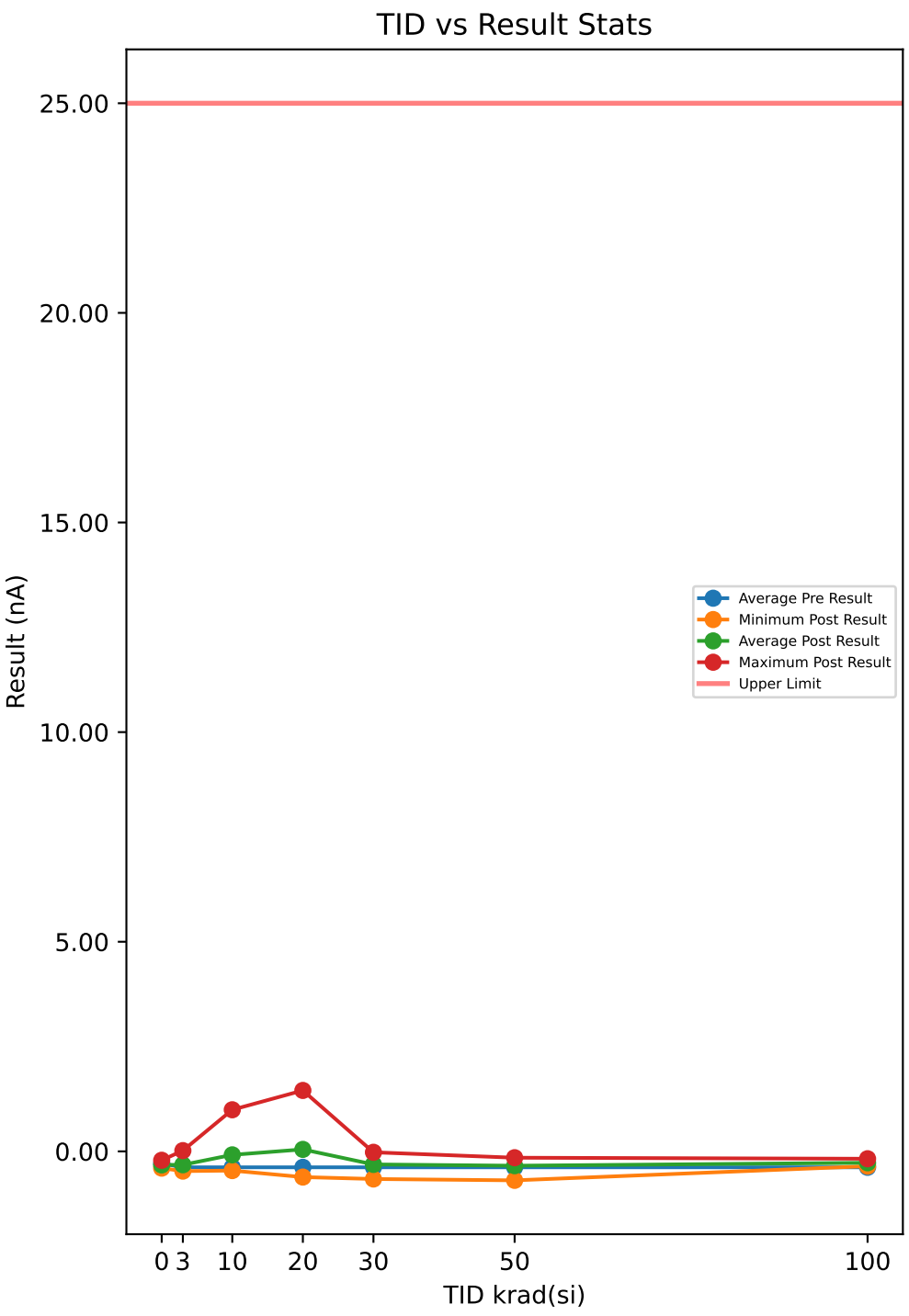
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.1259	-0.3007	-0.1748
2	3	LDR BIAS	-0.3282	-0.297	0.0312
3	3	LDR BIAS	-0.1806	-0.4271	-0.2465
4	3	LDR BIAS	-0.2984	-0.2579	0.0405
5	3	LDR BIAS	-0.3381	-0.0916	0.2465
6	3	LDR UNBIAS	-0.4812	-0.5343	-0.0531
7	3	LDR UNBIAS	-0.3897	-0.14	0.2497
8	3	LDR UNBIAS	-0.3171	-0.4043	-0.0872
9	3	LDR UNBIAS	-0.0011	-0.1727	-0.1716
10	3	LDR UNBIAS	-0.4375	-0.4375	0
11	0	CORRELATION	0.0692	-0.144	-0.2132
12	0	CORRELATION	-0.2891	-0.2322	0.0569
13	0	CORRELATION	-0.1446	-0.1584	-0.0138
14	0	CORRELATION	-0.272	-0.1404	0.1316
21	10	LDR BIAS	-0.1259	-0.3036	-0.1777
22	10	LDR BIAS	-0.3282	-0.07	0.2582
23	10	LDR BIAS	-0.1806	-0.2599	-0.0793
24	10	LDR BIAS	-0.2984	-0.0326	0.2658
25	10	LDR BIAS	-0.3381	-0.3772	-0.0391
26	10	LDR UNBIAS	-0.4812	0.033	0.5142
27	10	LDR UNBIAS	-0.3897	-0.2537	0.136
28	10	LDR UNBIAS	-0.3171	-0.1512	0.1659
29	10	LDR UNBIAS	-0.0011	-0.5457	-0.5446
30	10	LDR UNBIAS	-0.4375	1.0452	1.4827
31	20	LDR BIAS	-0.1259	-0.4432	-0.3173
32	20	LDR BIAS	-0.3282	-0.3914	-0.0632
33	20	LDR BIAS	-0.1806	-0.5571	-0.3765
34	20	LDR BIAS	-0.2984	1.3502	1.6486
35	20	LDR BIAS	-0.3381	0.1523	0.4904
36	20	LDR UNBIAS	-0.4812	-0.4226	0.0586
37	20	LDR UNBIAS	-0.3897	-0.0108	0.3789
38	20	LDR UNBIAS	-0.3171	1.2972	1.6143
39	20	LDR UNBIAS	-0.0011	-0.3684	-0.3673
40	20	LDR UNBIAS	-0.4375	-0.3695	0.068
41	30	LDR BIAS	-0.1259	-0.1471	-0.0212
42	30	LDR BIAS	-0.3282	-0.0263	0.3019
43	30	LDR BIAS	-0.1806	0.0416	0.2222
44	30	LDR BIAS	-0.2984	-0.0124	0.286
45	30	LDR BIAS	-0.3381	-0.5467	-0.2086
46	30	LDR UNBIAS	-0.4812	-0.5443	-0.0631
47	30	LDR UNBIAS	-0.3897	-0.5614	-0.1717
48	30	LDR UNBIAS	-0.3171	-0.2965	0.0206
49	30	LDR UNBIAS	-0.0011	-0.0097	-0.0086
50	30	LDR UNBIAS	-0.4375	-0.1573	0.2802
51	50	LDR BIAS	-0.1259	-0.164	-0.0381
52	50	LDR BIAS	-0.3282	-0.1671	0.1611
53	50	LDR BIAS	-0.1806	-0.3668	-0.1862
54	50	LDR BIAS	-0.2984	-0.217	0.0814
55	50	LDR BIAS	-0.3381	-0.217	0.1211
56	50	LDR UNBIAS	-0.4812	-0.267	0.2142
57	50	LDR UNBIAS	-0.3897	-0.2264	0.1633
58	50	LDR UNBIAS	-0.3171	-0.2233	0.0938
59	50	LDR UNBIAS	-0.0011	-0.4417	-0.4406
60	50	LDR UNBIAS	-0.4375	-0.4043	0.0332
61	100	LDR BIAS	-0.1259	-0.2103	-0.0844
62	100	LDR BIAS	-0.3282	-0.2788	0.0494
63	100	LDR BIAS	-0.1806	-0.3411	-0.1605
64	100	LDR BIAS	-0.2984	-0.2352	0.0632
65	100	LDR BIAS	-0.3381	-0.3473	-0.0092
66	100	LDR UNBIAS	-0.4812	-0.2103	0.2709
67	100	LDR UNBIAS	-0.3897	-0.2321	0.1576
68	100	LDR UNBIAS	-0.3171	-0.2632	0.0539
69	100	LDR UNBIAS	-0.0011	-0.2041	-0.203
70	100	LDR UNBIAS	-0.4375	-0.257	0.1805



Test Statistics (nA)

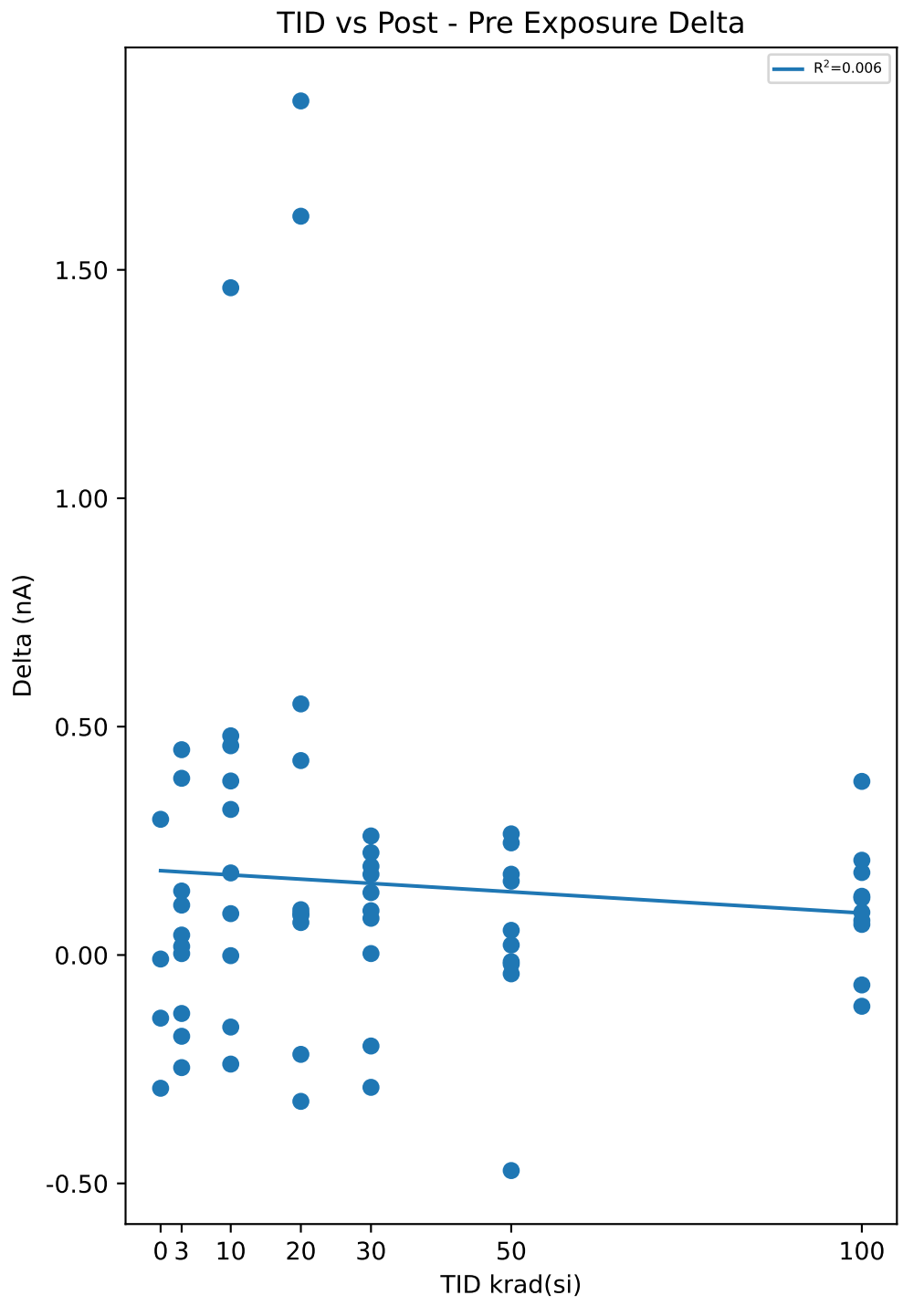
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.2891	-0.15913	0.0692	0.16531	-0.2322	-0.16875	-0.1404	0.043009	-0.2132	-0.009625	0.1316	0.14813
3	-0.4812	-0.28978	-0.0011	0.14727	-0.5343	-0.30631	-0.0916	0.14432	-0.2465	-0.01653	0.2497	0.16805
10	-0.4812	-0.28978	-0.0011	0.14727	-0.5457	-0.09157	1.0452	0.43495	-0.5446	0.19821	1.4827	0.53637
20	-0.4812	-0.28978	-0.0011	0.14727	-0.5571	0.02367	1.3502	0.71758	-0.3765	0.31345	1.6486	0.75386
30	-0.4812	-0.28978	-0.0011	0.14727	-0.5614	-0.22601	0.0416	0.24415	-0.2086	0.06377	0.3019	0.19382
50	-0.4812	-0.28978	-0.0011	0.14727	-0.4417	-0.26946	-0.164	0.099117	-0.4406	0.02032	0.2142	0.19883
100	-0.4812	-0.28978	-0.0011	0.14727	-0.3473	-0.25794	-0.2041	0.051626	-0.203	0.03184	0.2709	0.15062

Device Test: 19.24 CURRENT|EA//14/14/0/0/5/1MHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

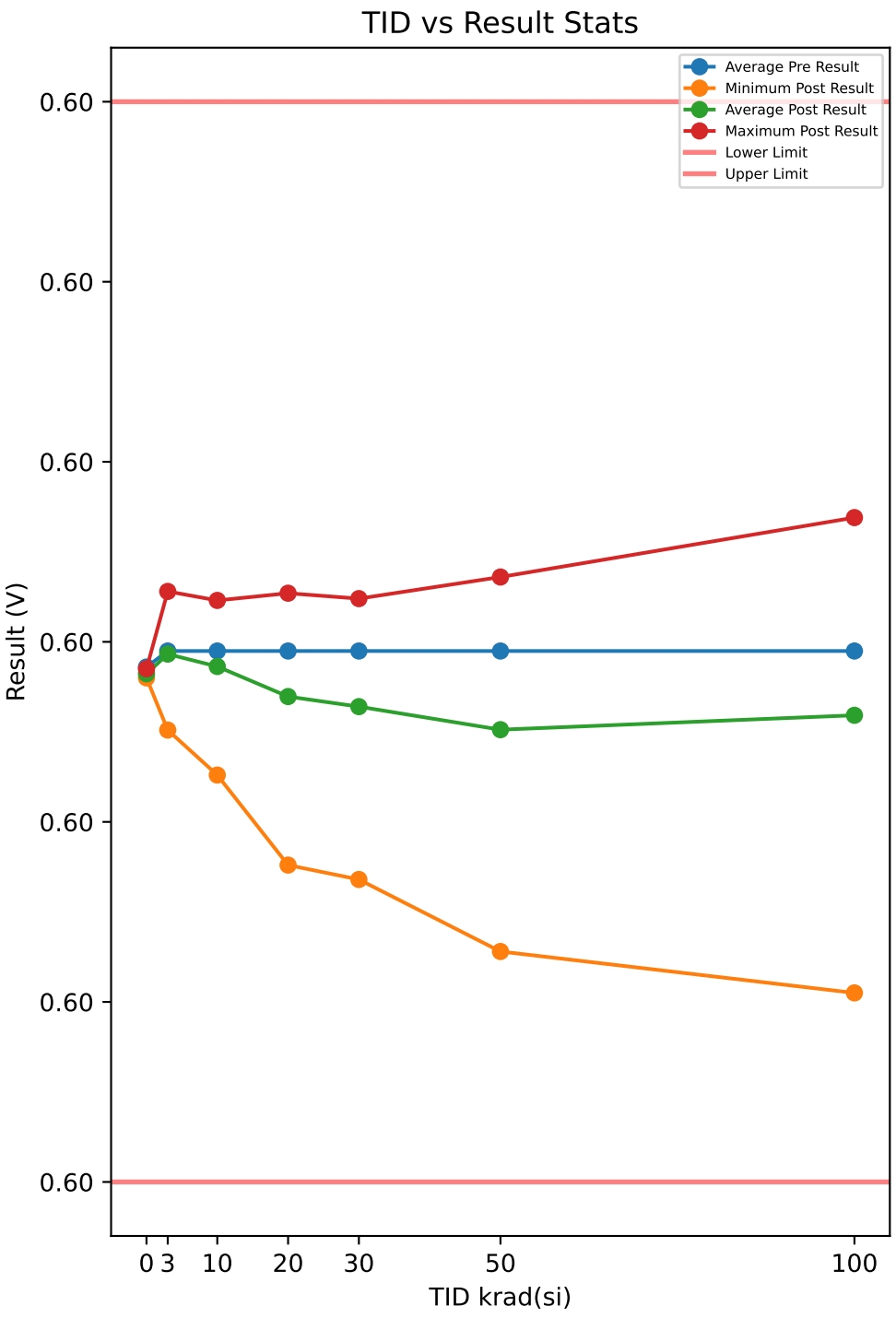
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.3693	0.0176	0.3869
2	3	LDR BIAS	-0.4469	-0.4281	0.0188
3	3	LDR BIAS	-0.4521	-0.0026	0.4495
4	3	LDR BIAS	-0.3638	-0.3607	0.0031
5	3	LDR BIAS	-0.2164	-0.4629	-0.2465
6	3	LDR UNBIAS	-0.5562	-0.4469	0.1093
7	3	LDR UNBIAS	-0.2929	-0.4708	-0.1779
8	3	LDR UNBIAS	-0.4167	-0.2766	0.1401
9	3	LDR UNBIAS	-0.2195	-0.3475	-0.128
10	3	LDR UNBIAS	-0.4687	-0.425	0.0437
11	0	CORRELATION	-0.2617	-0.3999	-0.1382
12	0	CORRELATION	-0.3451	-0.3539	-0.0088
13	0	CORRELATION	-0.0354	-0.3271	-0.2917
14	0	CORRELATION	-0.5093	-0.2122	0.2971
21	10	LDR BIAS	-0.3693	-0.2787	0.0906
22	10	LDR BIAS	-0.4469	0.033	0.4799
23	10	LDR BIAS	-0.4521	-0.2724	0.1797
24	10	LDR BIAS	-0.3638	-0.0451	0.3187
25	10	LDR BIAS	-0.2164	-0.3741	-0.1577
26	10	LDR UNBIAS	-0.5562	-0.0981	0.4581
27	10	LDR UNBIAS	-0.2929	-0.2943	-0.0014
28	10	LDR UNBIAS	-0.4167	-0.0357	0.381
29	10	LDR UNBIAS	-0.2195	-0.4583	-0.2388
30	10	LDR UNBIAS	-0.4687	0.9921	1.4608
31	20	LDR BIAS	-0.3693	0.1804	0.5497
32	20	LDR BIAS	-0.4469	-0.3758	0.0711
33	20	LDR BIAS	-0.4521	-0.0264	0.4257
34	20	LDR BIAS	-0.3638	1.2536	1.6174
35	20	LDR BIAS	-0.2164	-0.4339	-0.2175
36	20	LDR UNBIAS	-0.5562	-0.457	0.0992
37	20	LDR UNBIAS	-0.2929	-0.6133	-0.3204
38	20	LDR UNBIAS	-0.4167	1.4531	1.8698
39	20	LDR UNBIAS	-0.2195	-0.1283	0.0912
40	20	LDR UNBIAS	-0.4687	-0.382	0.0867
41	30	LDR BIAS	-0.3693	-0.659	-0.2897
42	30	LDR BIAS	-0.4469	-0.3102	0.1367
43	30	LDR BIAS	-0.4521	-0.4489	0.0032
44	30	LDR BIAS	-0.3638	-0.1872	0.1766
45	30	LDR BIAS	-0.2164	-0.0222	0.1942
46	30	LDR UNBIAS	-0.5562	-0.3321	0.2241
47	30	LDR UNBIAS	-0.2929	-0.1959	0.097
48	30	LDR UNBIAS	-0.4167	-0.156	0.2607
49	30	LDR UNBIAS	-0.2195	-0.4187	-0.1992
50	30	LDR UNBIAS	-0.4687	-0.3883	0.0804
51	50	LDR BIAS	-0.3693	-0.2077	0.1616
52	50	LDR BIAS	-0.4469	-0.2014	0.2455
53	50	LDR BIAS	-0.4521	-0.4667	-0.0146
54	50	LDR BIAS	-0.3638	-0.3419	0.0219
55	50	LDR BIAS	-0.2164	-0.2576	-0.0412
56	50	LDR UNBIAS	-0.5562	-0.3793	0.1769
57	50	LDR UNBIAS	-0.2929	-0.2389	0.054
58	50	LDR UNBIAS	-0.4167	-0.1515	0.2652
59	50	LDR UNBIAS	-0.2195	-0.6914	-0.4719
60	50	LDR UNBIAS	-0.4687	-0.4885	-0.0198
61	100	LDR BIAS	-0.3693	-0.2446	0.1247
62	100	LDR BIAS	-0.4469	-0.3535	0.0934
63	100	LDR BIAS	-0.4521	-0.2446	0.2075
64	100	LDR BIAS	-0.3638	-0.2352	0.1286
65	100	LDR BIAS	-0.2164	-0.2819	-0.0655
66	100	LDR UNBIAS	-0.5562	-0.1761	0.3801
67	100	LDR UNBIAS	-0.2929	-0.2259	0.067
68	100	LDR UNBIAS	-0.4167	-0.3411	0.0756
69	100	LDR UNBIAS	-0.2195	-0.3317	-0.1122
70	100	LDR UNBIAS	-0.4687	-0.2881	0.1806



Test Statistics (nA)

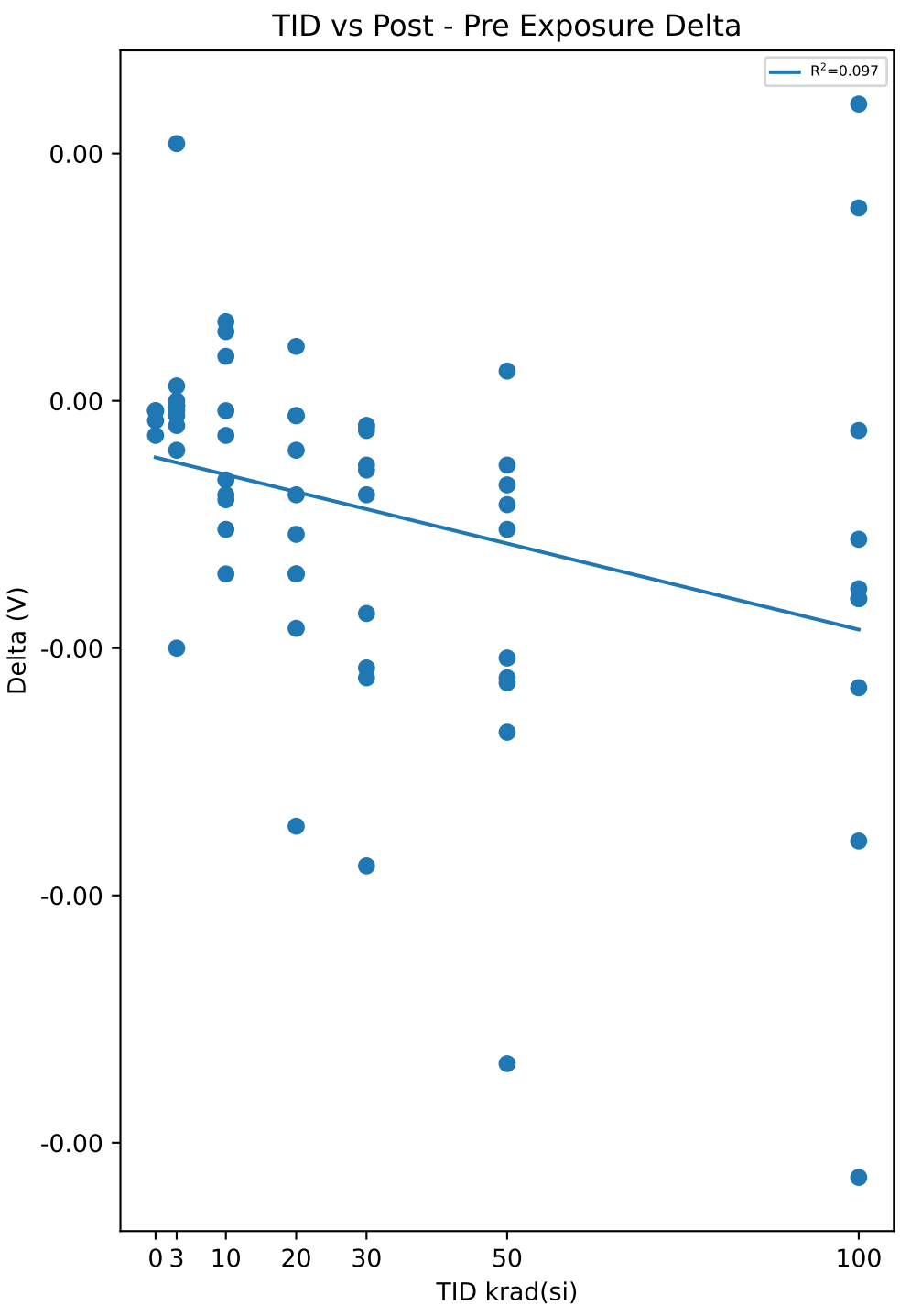
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.5093	-0.28787	-0.0354	0.19726	-0.3999	-0.32327	-0.2122	0.07992	-0.2917	-0.0354	0.2971	0.25001
3	-0.5562	-0.38025	-0.2164	0.11077	-0.4708	-0.32035	0.0176	0.18287	-0.2465	0.0599	0.4495	0.22571
10	-0.5562	-0.38025	-0.2164	0.11077	-0.4583	-0.08316	0.9921	0.41064	-0.2388	0.29709	1.4608	0.47849
20	-0.5562	-0.38025	-0.2164	0.11077	-0.6133	0.04704	1.4531	0.72809	-0.3204	0.42729	1.8698	0.74165
30	-0.5562	-0.38025	-0.2164	0.11077	-0.659	-0.31185	-0.0222	0.18078	-0.2897	0.0684	0.2607	0.18211
50	-0.5562	-0.38025	-0.2164	0.11077	-0.6914	-0.34249	-0.1515	0.16744	-0.4719	0.03776	0.2652	0.21138
100	-0.5562	-0.38025	-0.2164	0.11077	-0.3535	-0.27227	-0.1761	0.057267	-0.1122	0.10798	0.3801	0.13802

Device Test: 19.25 VOLTAGE|VREF//4.5/4.5/0/0/4.5/100kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

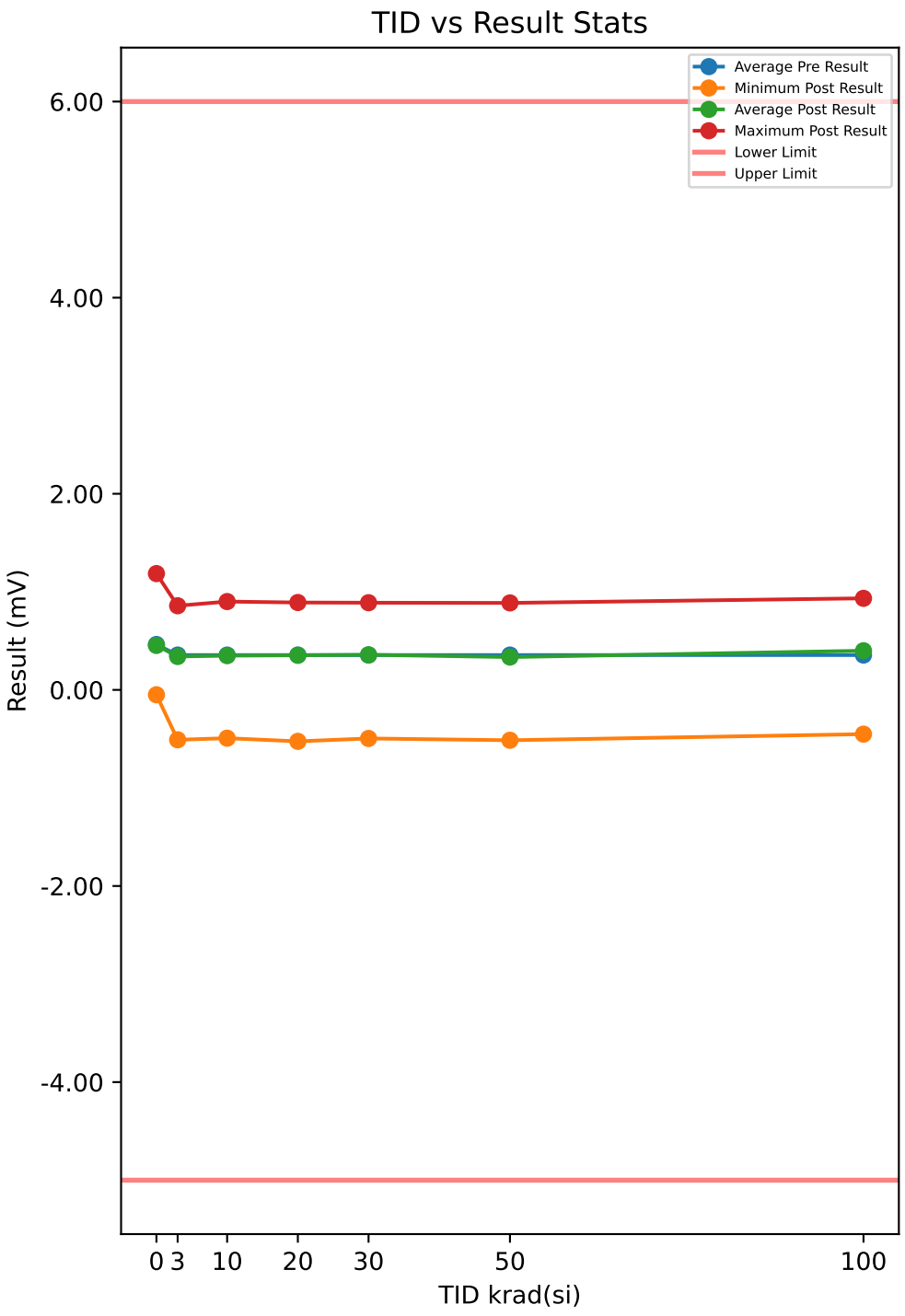
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59995	0.59998	3e-05
2	3	LDR BIAS	0.60006	0.59956	-0.0005
3	3	LDR BIAS	0.59962	0.60014	0.00052
4	3	LDR BIAS	0.59961	0.59951	-0.0001
5	3	LDR BIAS	0.60023	0.60022	-1e-05
6	3	LDR UNBIAS	0.6003	0.60028	-2e-05
7	3	LDR UNBIAS	0.59997	0.59992	-5e-05
8	3	LDR UNBIAS	0.59985	0.59985	0
9	3	LDR UNBIAS	0.59981	0.59978	-3e-05
10	3	LDR UNBIAS	0.60009	0.60008	-1e-05
11	0	CORRELATION	0.59987	0.5998	-7e-05
12	0	CORRELATION	0.59987	0.59983	-4e-05
13	0	CORRELATION	0.59983	0.59981	-2e-05
14	0	CORRELATION	0.59987	0.59985	-2e-05
21	10	LDR BIAS	0.59995	0.60004	9e-05
22	10	LDR BIAS	0.60006	0.60004	-2e-05
23	10	LDR BIAS	0.59962	0.59978	0.00016
24	10	LDR BIAS	0.59961	0.59926	-0.00035
25	10	LDR BIAS	0.60023	0.59997	-0.00026
26	10	LDR UNBIAS	0.6003	0.60023	-7e-05
27	10	LDR UNBIAS	0.59997	0.59978	-0.00019
28	10	LDR UNBIAS	0.59985	0.59965	-0.0002
29	10	LDR UNBIAS	0.59981	0.59995	0.00014
30	10	LDR UNBIAS	0.60009	0.59993	-0.00016
31	20	LDR BIAS	0.59995	0.60006	0.00011
32	20	LDR BIAS	0.60006	0.59996	-0.0001
33	20	LDR BIAS	0.59962	0.59876	-0.00086
34	20	LDR BIAS	0.59961	0.59915	-0.00046
35	20	LDR BIAS	0.60023	0.59988	-0.00035
36	20	LDR UNBIAS	0.6003	0.60027	-3e-05
37	20	LDR UNBIAS	0.59997	0.5997	-0.00027
38	20	LDR UNBIAS	0.59985	0.5995	-0.00035
39	20	LDR UNBIAS	0.59981	0.59978	-3e-05
40	20	LDR UNBIAS	0.60009	0.5999	-0.00019
41	30	LDR BIAS	0.59995	0.59982	-0.00013
42	30	LDR BIAS	0.60006	0.60001	-5e-05
43	30	LDR BIAS	0.59962	0.59868	-0.00094
44	30	LDR BIAS	0.59961	0.59907	-0.00054
45	30	LDR BIAS	0.60023	0.5998	-0.00043
46	30	LDR UNBIAS	0.6003	0.60024	-6e-05
47	30	LDR UNBIAS	0.59997	0.59983	-0.00014
48	30	LDR UNBIAS	0.59985	0.59929	-0.00056
49	30	LDR UNBIAS	0.59981	0.59976	-5e-05
50	30	LDR UNBIAS	0.60009	0.5999	-0.00019
51	50	LDR BIAS	0.59995	0.59974	-0.00021
52	50	LDR BIAS	0.60006	0.59989	-0.00017
53	50	LDR BIAS	0.59962	0.59828	-0.00134
54	50	LDR BIAS	0.59961	0.59894	-0.00067
55	50	LDR BIAS	0.60023	0.59966	-0.00057
56	50	LDR UNBIAS	0.6003	0.60036	6e-05
57	50	LDR UNBIAS	0.59997	0.59945	-0.00052
58	50	LDR UNBIAS	0.59985	0.59929	-0.00056
59	50	LDR UNBIAS	0.59981	0.59955	-0.00026
60	50	LDR UNBIAS	0.60009	0.59996	-0.00013
61	100	LDR BIAS	0.59995	0.59989	-6e-05
62	100	LDR BIAS	0.60006	0.59968	-0.00038
63	100	LDR BIAS	0.59962	0.59805	-0.00157
64	100	LDR BIAS	0.59961	0.59903	-0.00058
65	100	LDR BIAS	0.60023	0.59934	-0.00089
66	100	LDR UNBIAS	0.6003	0.60069	0.00039
67	100	LDR UNBIAS	0.59997	0.59957	-0.0004
68	100	LDR UNBIAS	0.59985	0.59945	-0.0004
69	100	LDR UNBIAS	0.59981	0.59953	-0.00028
70	100	LDR UNBIAS	0.60009	0.60069	0.0006

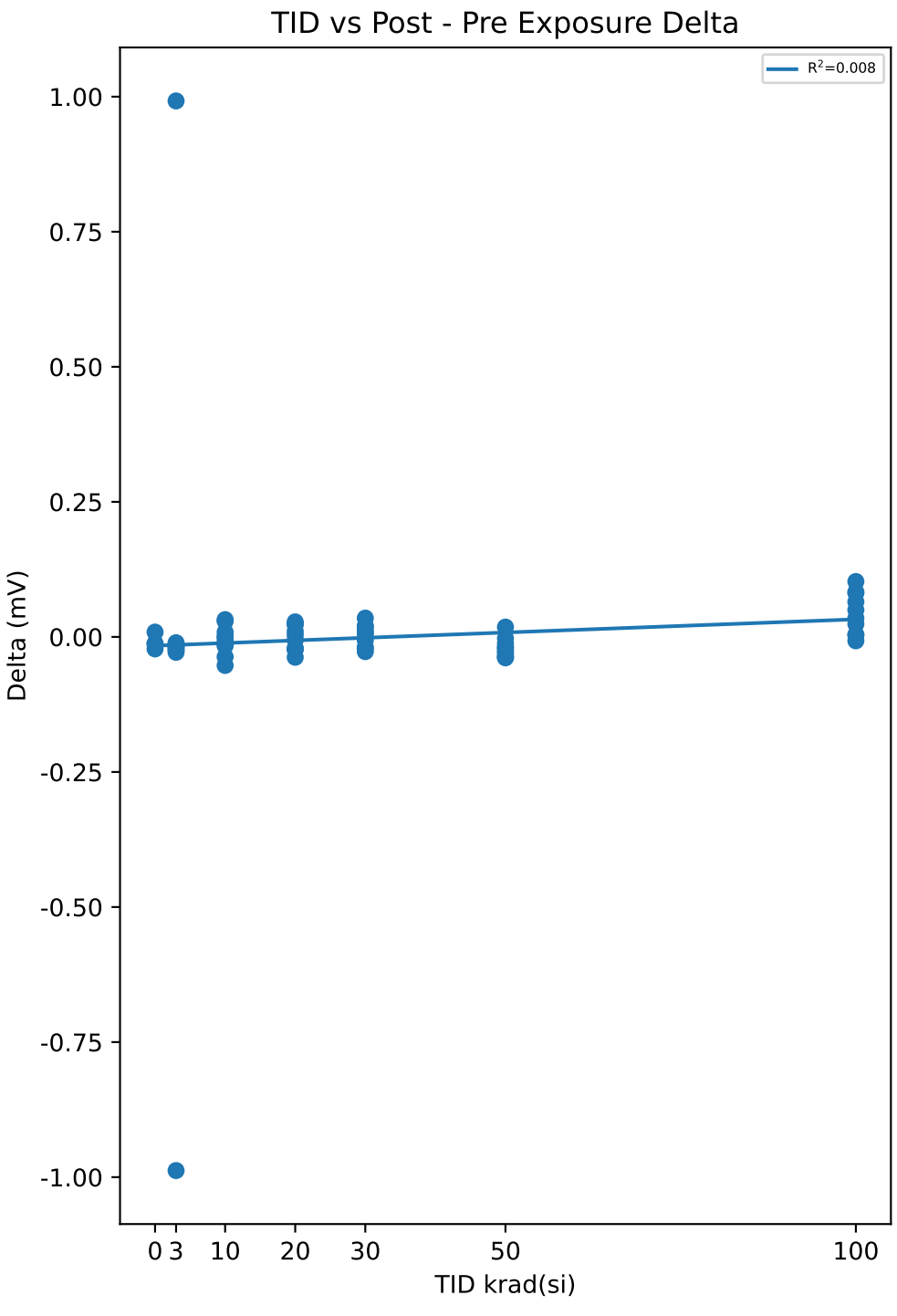


Test Statistics (V)

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	0.59983	0.59986	0.59987	2e-05	0.5998	0.59982	0.59985	2.2174e-05	-7e-05	-3.75e-05	-2e-05	2.3629e-05
3	0.59961	0.59995	0.6003	0.00023264	0.59951	0.59993	0.60028	0.00026203	-0.0005	-1.7e-05	0.00052	0.00024322
10	0.59961	0.59995	0.6003	0.00023264	0.59926	0.59986	0.60023	0.00026742	-0.00035	-8.6e-05	0.00016	0.00017526
20	0.59961	0.59995	0.6003	0.00023264	0.59876	0.5997	0.60027	0.00045054	-0.00086	-0.000253	0.00011	0.00027669
30	0.59961	0.59995	0.6003	0.00023264	0.59868	0.59964	0.60024	0.00047633	-0.00094	-0.000309	-5e-05	0.00029816
50	0.59961	0.59995	0.6003	0.00023264	0.59828	0.59951	0.60036	0.00058082	-0.00134	-0.000437	6e-05	0.00039508
100	0.59961	0.59995	0.6003	0.00023264	0.59805	0.59959	0.60069	0.00076662	-0.00157	-0.000357	0.0006	0.00061259

Device Test: 19.27 VOLTAGE|OFFSET//4.5/4.5/0/0/4.5/100kHz//@EA_OS





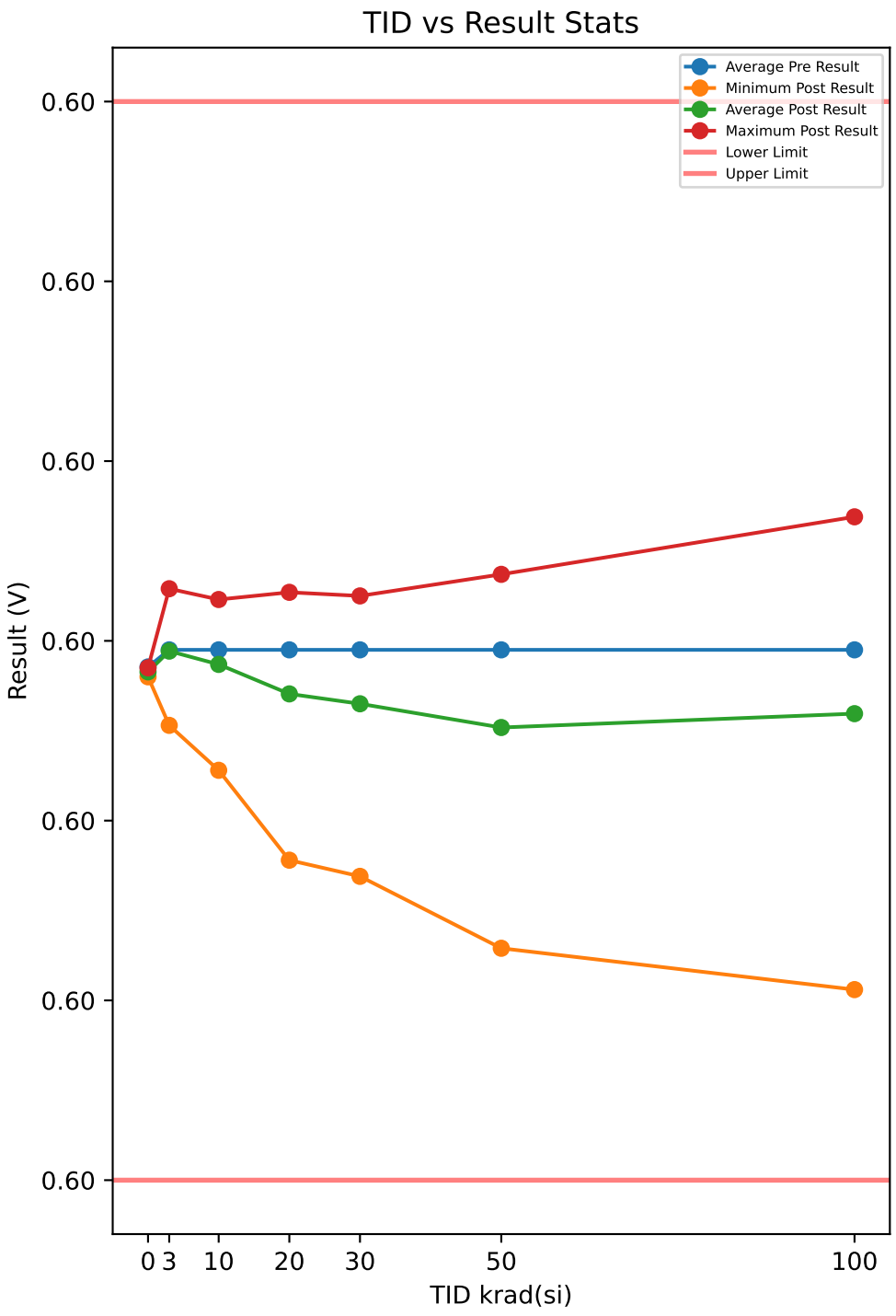
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

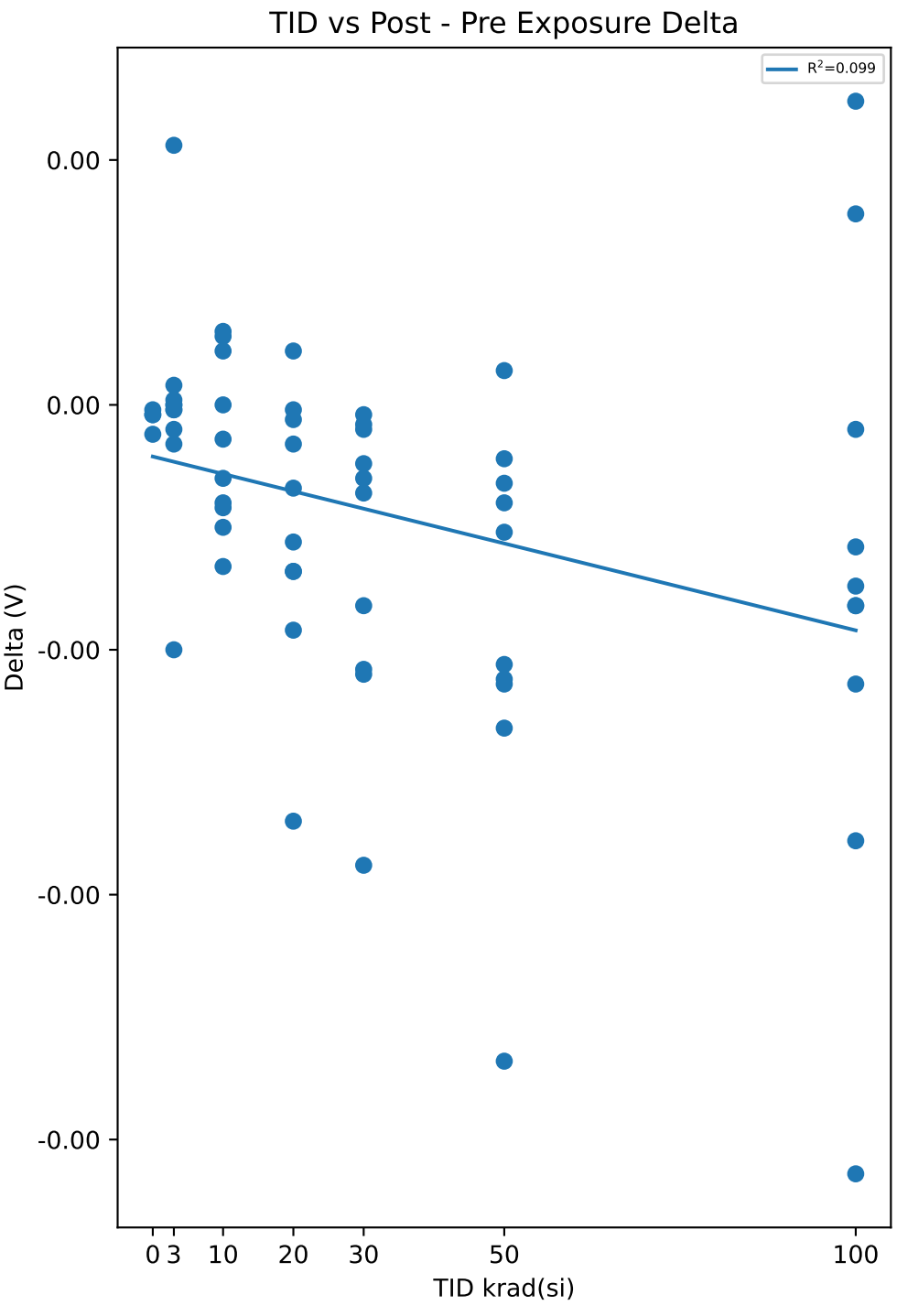
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0881	-0.1112	-0.0231
2	3	LDR BIAS	0.4788	-0.509	-0.9878
3	3	LDR BIAS	-0.5014	0.4907	0.9921
4	3	LDR BIAS	0.8687	0.8579	-0.0108
5	3	LDR BIAS	0.218	0.1997	-0.0183
6	3	LDR UNBIAS	0.5298	0.5013	-0.0285
7	3	LDR UNBIAS	0.4894	0.4728	-0.0166
8	3	LDR UNBIAS	0.6885	0.6645	-0.024
9	3	LDR UNBIAS	0.4107	0.3936	-0.0171
10	3	LDR UNBIAS	0.4569	0.4444	-0.0125
11	0	CORRELATION	-0.0101	-0.0323	-0.0222
12	0	CORRELATION	0.7227	0.7101	-0.0126
13	0	CORRELATION	1.1983	1.186	-0.0123
14	0	CORRELATION	-0.0586	-0.0497	0.0089
21	10	LDR BIAS	-0.0881	-0.0891	-0.001
22	10	LDR BIAS	0.4788	0.5079	0.0291
23	10	LDR BIAS	-0.5014	-0.4926	0.0088
24	10	LDR BIAS	0.8687	0.9007	0.032
25	10	LDR BIAS	0.218	0.2186	0.0006
26	10	LDR UNBIAS	0.5298	0.5213	-0.0085
27	10	LDR UNBIAS	0.4894	0.476	-0.0134
28	10	LDR UNBIAS	0.6885	0.6516	-0.0369
29	10	LDR UNBIAS	0.4107	0.3579	-0.0528
30	10	LDR UNBIAS	0.4569	0.4404	-0.0165
31	20	LDR BIAS	-0.0881	-0.0603	0.0278
32	20	LDR BIAS	0.4788	0.5034	0.0246
33	20	LDR BIAS	-0.5014	-0.5248	-0.0234
34	20	LDR BIAS	0.8687	0.891	0.0223
35	20	LDR BIAS	0.218	0.2213	0.0033
36	20	LDR UNBIAS	0.5298	0.5091	-0.0207
37	20	LDR UNBIAS	0.4894	0.4834	-0.006
38	20	LDR UNBIAS	0.6885	0.6508	-0.0377
39	20	LDR UNBIAS	0.4107	0.3885	-0.0222
40	20	LDR UNBIAS	0.4569	0.4673	0.0104
41	30	LDR BIAS	-0.0881	-0.0755	0.0126
42	30	LDR BIAS	0.4788	0.5136	0.0348
43	30	LDR BIAS	-0.5014	-0.4954	0.006
44	30	LDR BIAS	0.8687	0.889	0.0203
45	30	LDR BIAS	0.218	0.1908	-0.0272
46	30	LDR UNBIAS	0.5298	0.511	-0.0188
47	30	LDR UNBIAS	0.4894	0.4833	-0.0061
48	30	LDR UNBIAS	0.6885	0.6963	0.0078
49	30	LDR UNBIAS	0.4107	0.3889	-0.0218
50	30	LDR UNBIAS	0.4569	0.4765	0.0196
51	50	LDR BIAS	-0.0881	-0.1178	-0.0297
52	50	LDR BIAS	0.4788	0.4575	-0.0213
53	50	LDR BIAS	-0.5014	-0.5137	-0.0123
54	50	LDR BIAS	0.8687	0.8869	0.0182
55	50	LDR BIAS	0.218	0.1825	-0.0355
56	50	LDR UNBIAS	0.5298	0.504	-0.0258
57	50	LDR UNBIAS	0.4894	0.452	-0.0374
58	50	LDR UNBIAS	0.6885	0.6699	-0.0186
59	50	LDR UNBIAS	0.4107	0.372	-0.0387
60	50	LDR UNBIAS	0.4569	0.4542	-0.0027
61	100	LDR BIAS	-0.0881	-0.0049	0.0832
62	100	LDR BIAS	0.4788	0.5136	0.0348
63	100	LDR BIAS	-0.5014	-0.4514	0.05
64	100	LDR BIAS	0.8687	0.9337	0.065
65	100	LDR BIAS	0.218	0.222	0.004
66	100	LDR UNBIAS	0.5298	0.5537	0.0239
67	100	LDR UNBIAS	0.4894	0.4822	-0.0072
68	100	LDR UNBIAS	0.6885	0.6923	0.0038
69	100	LDR UNBIAS	0.4107	0.492	0.0813
70	100	LDR UNBIAS	0.4569	0.5594	0.1025

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	-0.0586	0.46308	1.1983	0.60663	-0.0497	0.45352	1.186	0.60322	-0.0222	-0.00955	0.0089	0.013131
3	-0.5014	0.35513	0.8687	0.39456	-0.509	0.34047	0.8579	0.39408	-0.9878	-0.01466	0.9921	0.46678
10	-0.5014	0.35513	0.8687	0.39456	-0.4926	0.34927	0.9007	0.39337	-0.0528	-0.00586	0.032	0.026415
20	-0.5014	0.35513	0.8687	0.39456	-0.5248	0.35297	0.891	0.39653	-0.0377	-0.00216	0.0278	0.023271
30	-0.5014	0.35513	0.8687	0.39456	-0.4954	0.35785	0.889	0.39706	-0.0272	0.00272	0.0348	0.020534
50	-0.5014	0.35513	0.8687	0.39456	-0.5137	0.33475	0.8869	0.39974	-0.0387	-0.02038	0.0182	0.017765
100	-0.5014	0.35513	0.8687	0.39456	-0.4514	0.39926	0.9337	0.38986	-0.0072	0.04413	0.1025	0.038229

Device Test: 19.28 VOLTAGE|VREF//5/5/0/0/5/100kHz//@VREF_25C





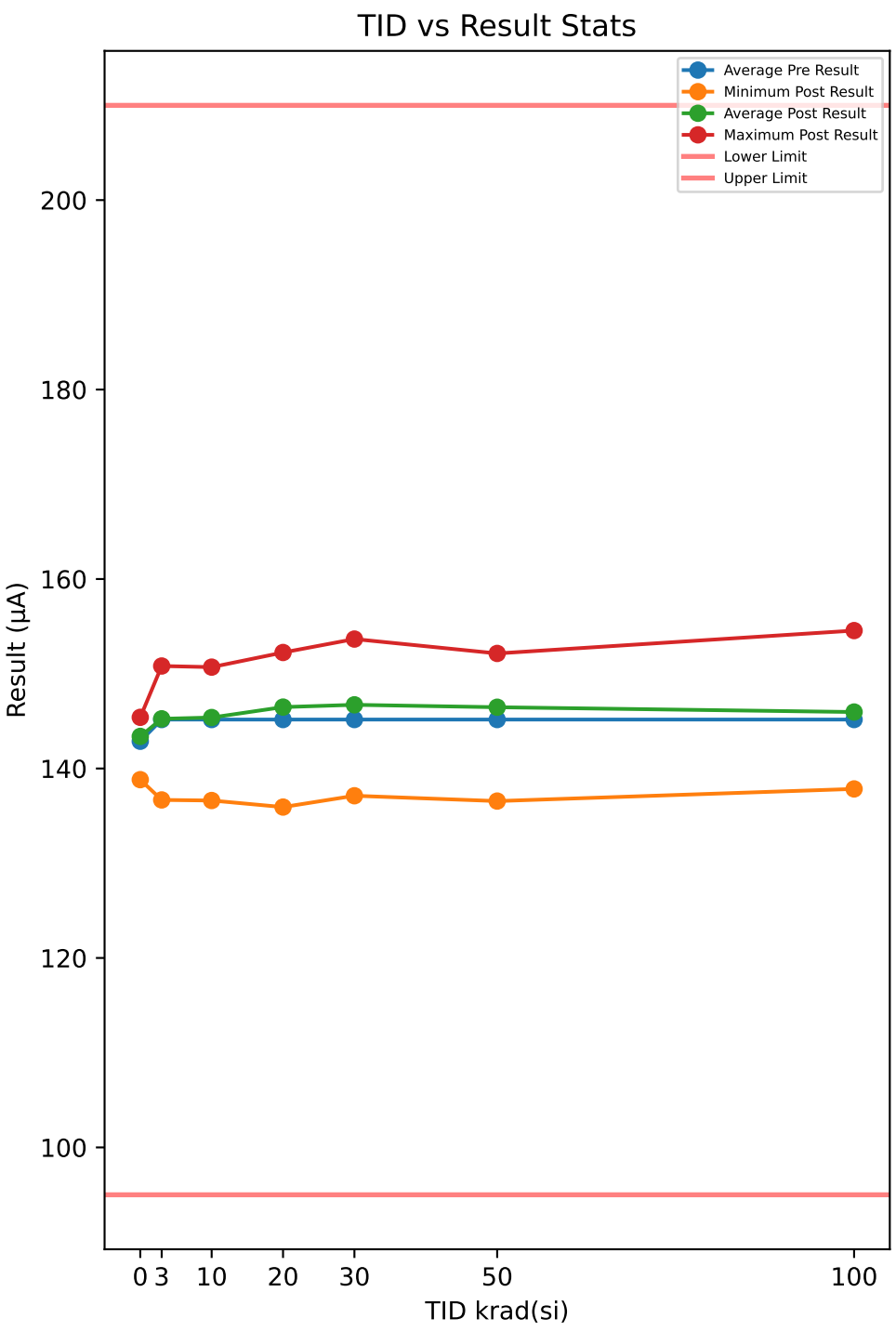
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

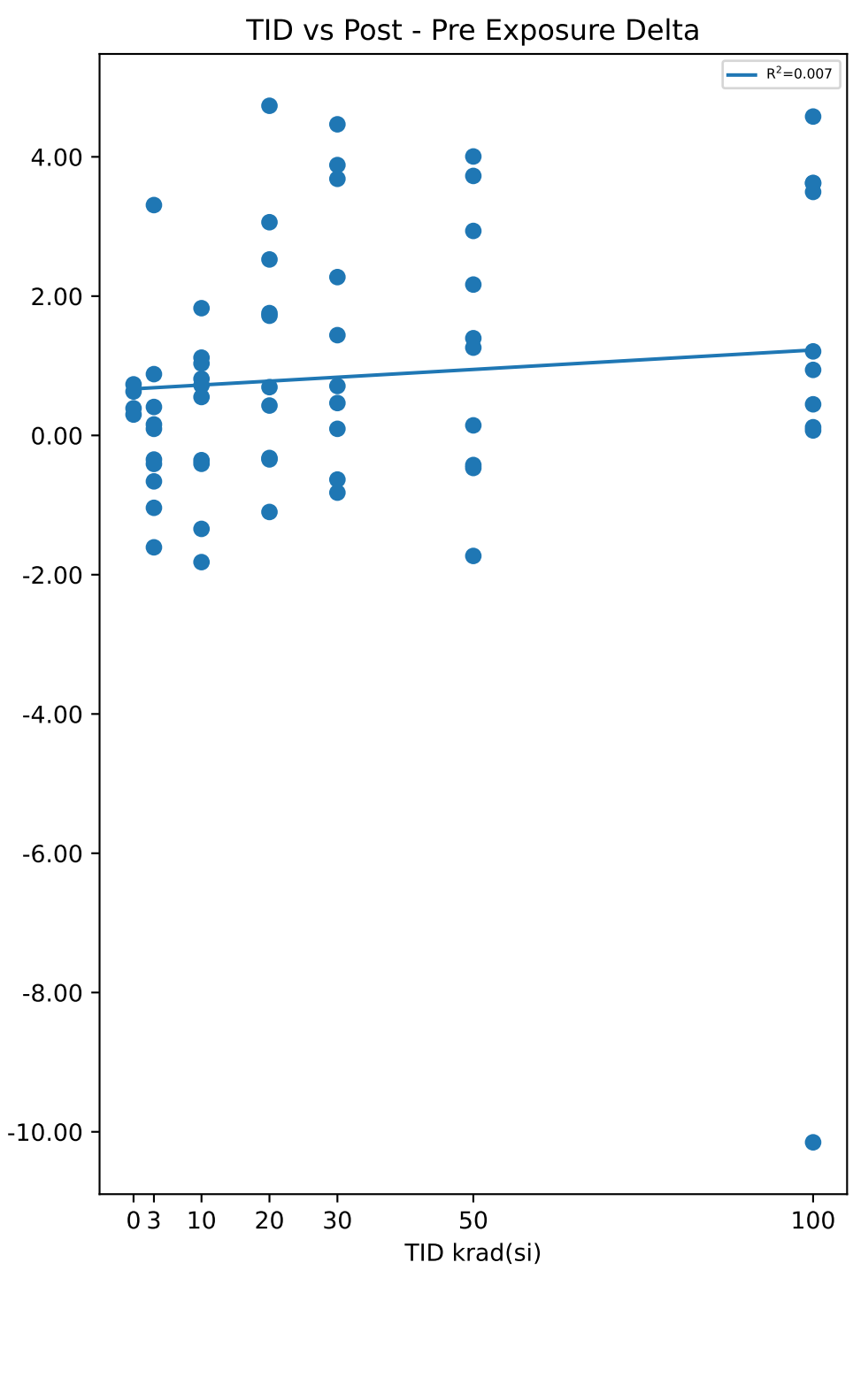
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59994	0.59998	4e-05
2	3	LDR BIAS	0.60007	0.59957	-0.0005
3	3	LDR BIAS	0.59963	0.60016	0.00053
4	3	LDR BIAS	0.59961	0.59953	-8e-05
5	3	LDR BIAS	0.60024	0.60024	0
6	3	LDR UNBIAS	0.6003	0.60029	-1e-05
7	3	LDR UNBIAS	0.59998	0.59993	-5e-05
8	3	LDR UNBIAS	0.59986	0.59986	0
9	3	LDR UNBIAS	0.5998	0.59979	-1e-05
10	3	LDR UNBIAS	0.60007	0.60008	1e-05
11	0	CORRELATION	0.59986	0.5998	-6e-05
12	0	CORRELATION	0.59986	0.59984	-2e-05
13	0	CORRELATION	0.59984	0.59982	-2e-05
14	0	CORRELATION	0.59986	0.59985	-1e-05
21	10	LDR BIAS	0.59994	0.60005	0.00011
22	10	LDR BIAS	0.60007	0.60007	0
23	10	LDR BIAS	0.59963	0.59978	0.00015
24	10	LDR BIAS	0.59961	0.59928	-0.00033
25	10	LDR BIAS	0.60024	0.59999	-0.00025
26	10	LDR UNBIAS	0.6003	0.60023	-7e-05
27	10	LDR UNBIAS	0.59998	0.59978	-0.0002
28	10	LDR UNBIAS	0.59986	0.59965	-0.00021
29	10	LDR UNBIAS	0.5998	0.59994	0.00014
30	10	LDR UNBIAS	0.60007	0.59992	-0.00015
31	20	LDR BIAS	0.59994	0.60005	0.00011
32	20	LDR BIAS	0.60007	0.59999	-8e-05
33	20	LDR BIAS	0.59963	0.59878	-0.00085
34	20	LDR BIAS	0.59961	0.59915	-0.00046
35	20	LDR BIAS	0.60024	0.5999	-0.00034
36	20	LDR UNBIAS	0.6003	0.60027	-3e-05
37	20	LDR UNBIAS	0.59998	0.5997	-0.00028
38	20	LDR UNBIAS	0.59986	0.59952	-0.00034
39	20	LDR UNBIAS	0.5998	0.59979	-1e-05
40	20	LDR UNBIAS	0.60007	0.5999	-0.00017
41	30	LDR BIAS	0.59994	0.59982	-0.00012
42	30	LDR BIAS	0.60007	0.60003	-4e-05
43	30	LDR BIAS	0.59963	0.59869	-0.00094
44	30	LDR BIAS	0.59961	0.59907	-0.00054
45	30	LDR BIAS	0.60024	0.59983	-0.00041
46	30	LDR UNBIAS	0.6003	0.60025	-5e-05
47	30	LDR UNBIAS	0.59998	0.59983	-0.00015
48	30	LDR UNBIAS	0.59986	0.59931	-0.00055
49	30	LDR UNBIAS	0.5998	0.59978	-2e-05
50	30	LDR UNBIAS	0.60007	0.59989	-0.00018
51	50	LDR BIAS	0.59994	0.59974	-0.0002
52	50	LDR BIAS	0.60007	0.59991	-0.00016
53	50	LDR BIAS	0.59963	0.59829	-0.00134
54	50	LDR BIAS	0.59961	0.59895	-0.00066
55	50	LDR BIAS	0.60024	0.59967	-0.00057
56	50	LDR UNBIAS	0.6003	0.60037	7e-05
57	50	LDR UNBIAS	0.59998	0.59945	-0.00053
58	50	LDR UNBIAS	0.59986	0.5993	-0.00056
59	50	LDR UNBIAS	0.5998	0.59954	-0.00026
60	50	LDR UNBIAS	0.60007	0.59996	-0.00011
61	100	LDR BIAS	0.59994	0.59989	-5e-05
62	100	LDR BIAS	0.60007	0.5997	-0.00037
63	100	LDR BIAS	0.59963	0.59806	-0.00157
64	100	LDR BIAS	0.59961	0.59904	-0.00057
65	100	LDR BIAS	0.60024	0.59935	-0.00089
66	100	LDR UNBIAS	0.6003	0.60069	0.00039
67	100	LDR UNBIAS	0.59998	0.59957	-0.00041
68	100	LDR UNBIAS	0.59986	0.59945	-0.00041
69	100	LDR UNBIAS	0.5998	0.59951	-0.00029
70	100	LDR UNBIAS	0.60007	0.60069	0.00062

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	0.59984	0.59986	0.59986	1e-05	0.5998	0.59983	0.59985	2.2174e-05	-6e-05	-2.75e-05	-1e-05	2.2174e-05
3	0.59961	0.59995	0.6003	0.00023214	0.59953	0.59994	0.60029	0.00026162	-0.0005	-7e-06	0.00053	0.00024522
10	0.59961	0.59995	0.6003	0.00023214	0.59928	0.59987	0.60023	0.00026593	-0.00033	-8.1e-05	0.00015	0.00017368
20	0.59961	0.59995	0.6003	0.00023214	0.59878	0.5997	0.60027	0.00044729	-0.00085	-0.000245	0.00011	0.00027726
30	0.59961	0.59995	0.6003	0.00023214	0.59869	0.59965	0.60025	0.00047682	-0.00094	-0.0003	-2e-05	0.00030177
50	0.59961	0.59995	0.6003	0.00023214	0.59829	0.59952	0.60037	0.00058028	-0.00134	-0.000432	7e-05	0.00039924
100	0.59961	0.59995	0.6003	0.00023214	0.59806	0.5996	0.60069	0.00076371	-0.00157	-0.000355	0.00062	0.00061625

Device Test: 19.3 CURRENT|EA_SINK//4.5/4.5/0/0/4.5/500kHz//@EA_I_SINK





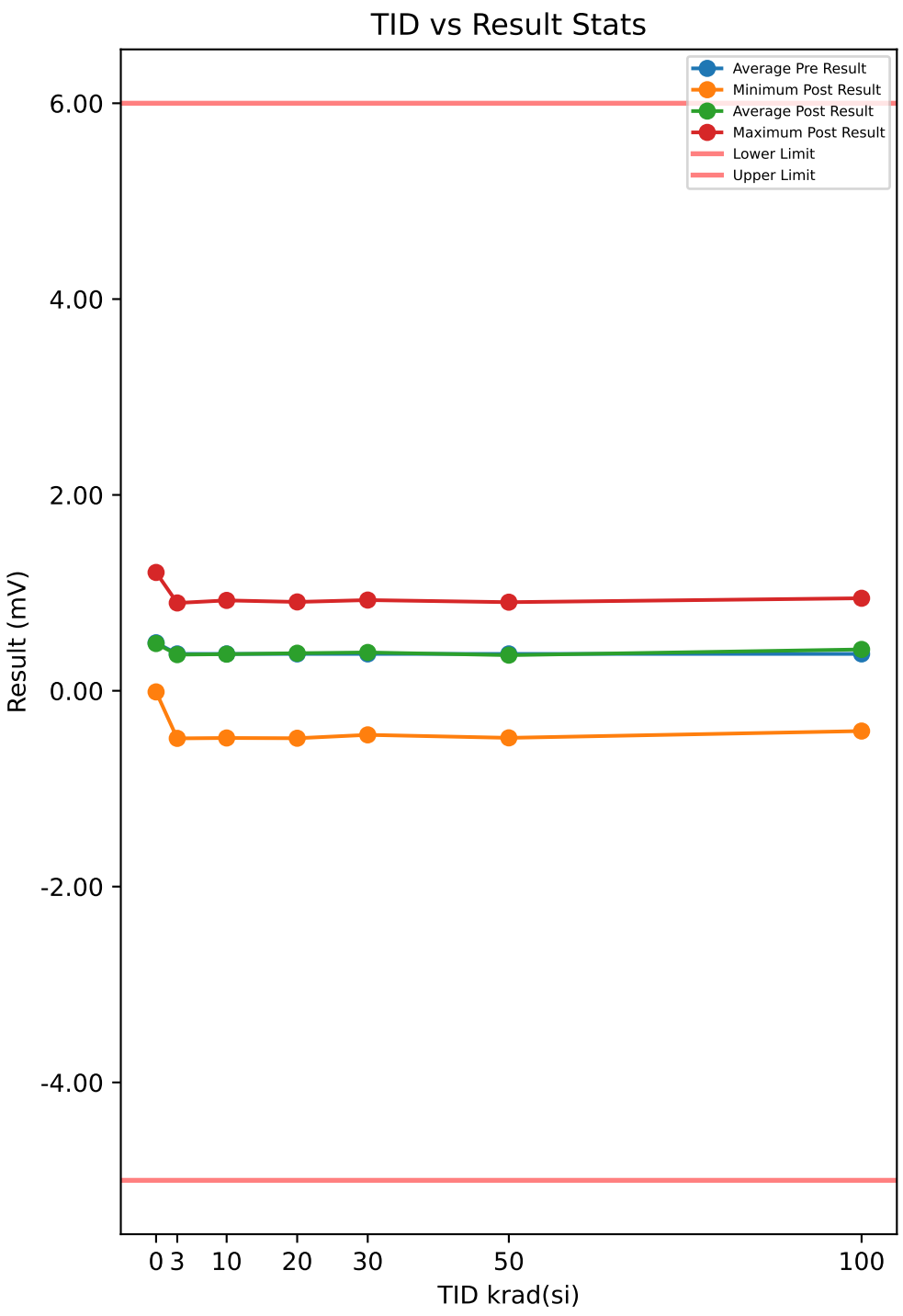
Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.03	149.37	-0.66
2	3	LDR BIAS	149.98	148.37	-1.6071
3	3	LDR BIAS	147.51	150.82	3.3074
4	3	LDR BIAS	143.64	144.52	0.8798
5	3	LDR BIAS	144.15	144.24	0.0943
6	3	LDR UNBIAS	137.03	136.68	-0.3466
7	3	LDR UNBIAS	142.03	141.62	-0.4094
8	3	LDR UNBIAS	142.45	142.86	0.4084
9	3	LDR UNBIAS	146.85	147.01	0.1572
10	3	LDR UNBIAS	147.99	146.95	-1.0399
11	0	CORRELATION	144.77	145.4	0.6304
12	0	CORRELATION	138.52	138.82	0.2992
13	0	CORRELATION	143.43	144.16	0.733
14	0	CORRELATION	144.78	145.17	0.389
21	10	LDR BIAS	150.03	148.21	-1.8194
22	10	LDR BIAS	149.98	150.7	0.7208
23	10	LDR BIAS	147.51	149.34	1.8268
24	10	LDR BIAS	143.64	144.19	0.5513
25	10	LDR BIAS	144.15	144.96	0.8125
26	10	LDR UNBIAS	137.03	136.62	-0.4079
27	10	LDR UNBIAS	142.03	141.67	-0.3556
28	10	LDR UNBIAS	142.45	143.57	1.1167
29	10	LDR UNBIAS	146.85	147.88	1.0322
30	10	LDR UNBIAS	147.99	146.65	-1.3422
31	20	LDR BIAS	150.03	149.7	-0.3241
32	20	LDR BIAS	149.98	151.74	1.7561
33	20	LDR BIAS	147.51	152.24	4.7333
34	20	LDR BIAS	143.64	146.17	2.5266
35	20	LDR BIAS	144.15	144.58	0.4287
36	20	LDR UNBIAS	137.03	135.93	-1.0994
37	20	LDR UNBIAS	142.03	141.69	-0.3445
38	20	LDR UNBIAS	142.45	145.51	3.0612
39	20	LDR UNBIAS	146.85	148.57	1.7184
40	20	LDR UNBIAS	147.99	148.69	0.6931
41	30	LDR BIAS	150.03	150.49	0.4647
42	30	LDR BIAS	149.98	153.66	3.6841
43	30	LDR BIAS	147.51	151.98	4.4671
44	30	LDR BIAS	143.64	147.53	3.8819
45	30	LDR BIAS	144.15	143.52	-0.6338
46	30	LDR UNBIAS	137.03	137.12	0.0945
47	30	LDR UNBIAS	142.03	141.21	-0.8218
48	30	LDR UNBIAS	142.45	143.16	0.7092
49	30	LDR UNBIAS	146.85	148.29	1.4395
50	30	LDR UNBIAS	147.99	150.27	2.2731
51	50	LDR BIAS	150.03	151.42	1.3956
52	50	LDR BIAS	149.98	152.15	2.1659
53	50	LDR BIAS	147.51	151.52	4.0053
54	50	LDR BIAS	143.64	147.37	3.726
55	50	LDR BIAS	144.15	143.72	-0.4254
56	50	LDR UNBIAS	137.03	136.56	-0.4677
57	50	LDR UNBIAS	142.03	140.3	-1.7308
58	50	LDR UNBIAS	142.45	142.59	0.1441
59	50	LDR UNBIAS	146.85	149.79	2.936
60	50	LDR UNBIAS	147.99	149.25	1.2603
61	100	LDR BIAS	150.03	150.47	0.4466
62	100	LDR BIAS	149.98	154.56	4.5786
63	100	LDR BIAS	147.51	151.01	3.4962
64	100	LDR BIAS	143.64	147.27	3.6256
65	100	LDR BIAS	144.15	144.22	0.0714
66	100	LDR UNBIAS	137.03	137.97	0.9407
67	100	LDR UNBIAS	142.03	142.15	0.1173
68	100	LDR UNBIAS	142.45	143.66	1.2065
69	100	LDR UNBIAS	146.85	150.47	3.6209
70	100	LDR UNBIAS	147.99	137.84	-10.151

Test Statistics (µA)

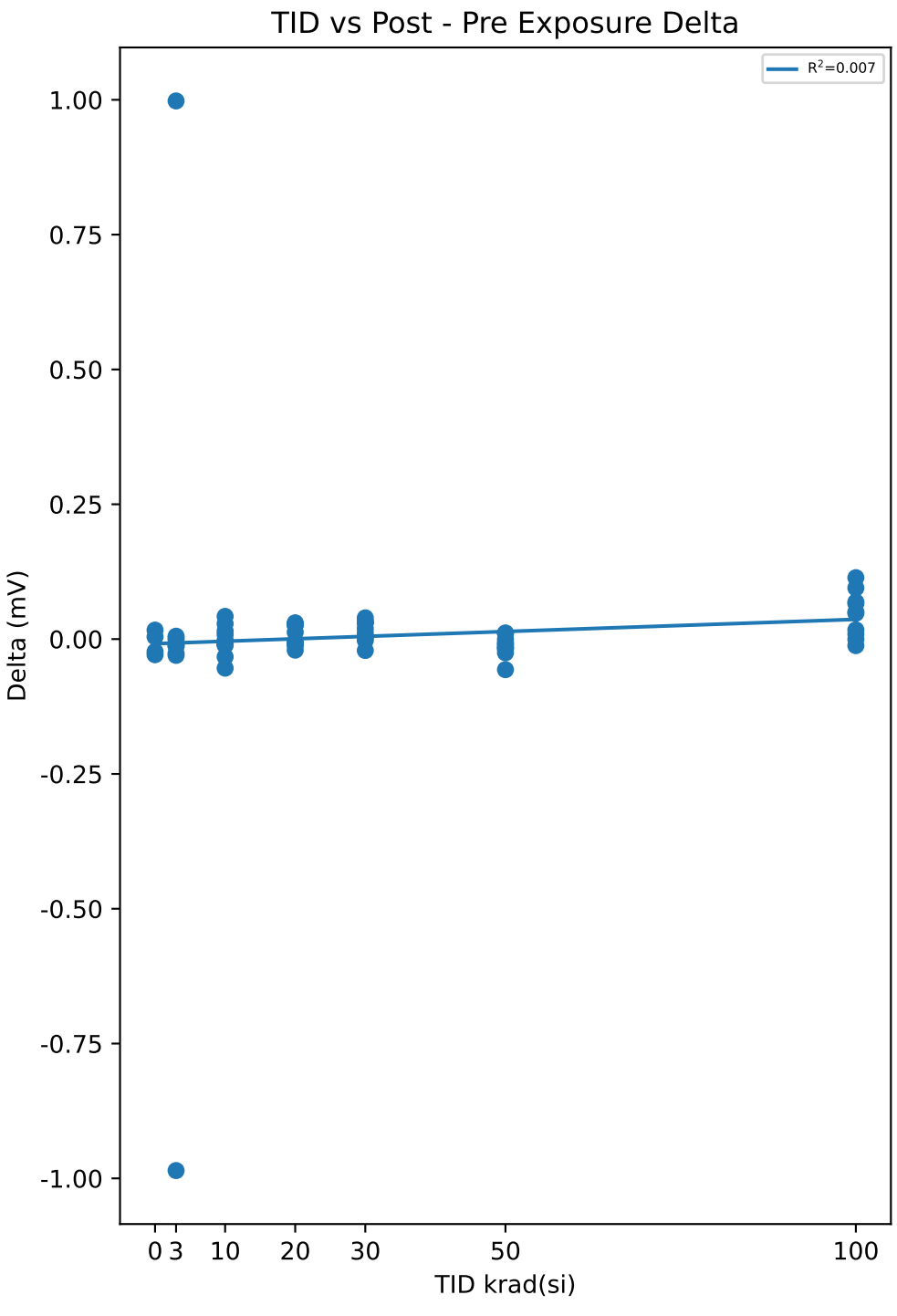
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.52	142.87	144.78	2.971	138.82	143.39	145.4	3.092	0.2992	0.5129	0.733	0.20271
3	137.03	145.17	150.03	4.0815	136.68	145.25	150.82	4.1841	-1.6071	0.07841	3.3074	1.3433
10	137.03	145.17	150.03	4.0815	136.62	145.38	150.7	4.1525	-1.8194	0.21352	1.8268	1.1586
20	137.03	145.17	150.03	4.0815	135.93	146.48	152.24	4.9379	-1.0994	1.3149	4.7333	1.7951
30	137.03	145.17	150.03	4.0815	137.12	146.72	153.66	5.2834	-0.8218	1.5559	4.4671	1.9274
50	137.03	145.17	150.03	4.0815	136.56	146.47	152.15	5.3812	-1.7308	1.3009	4.0053	1.9225
100	137.03	145.17	150.03	4.0815	137.84	145.96	154.56	5.72	-10.151	0.79529	4.5786	4.1994

Device Test: 19.30 VOLTAGE|OFFSET//5/5/0/0/5/100kHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

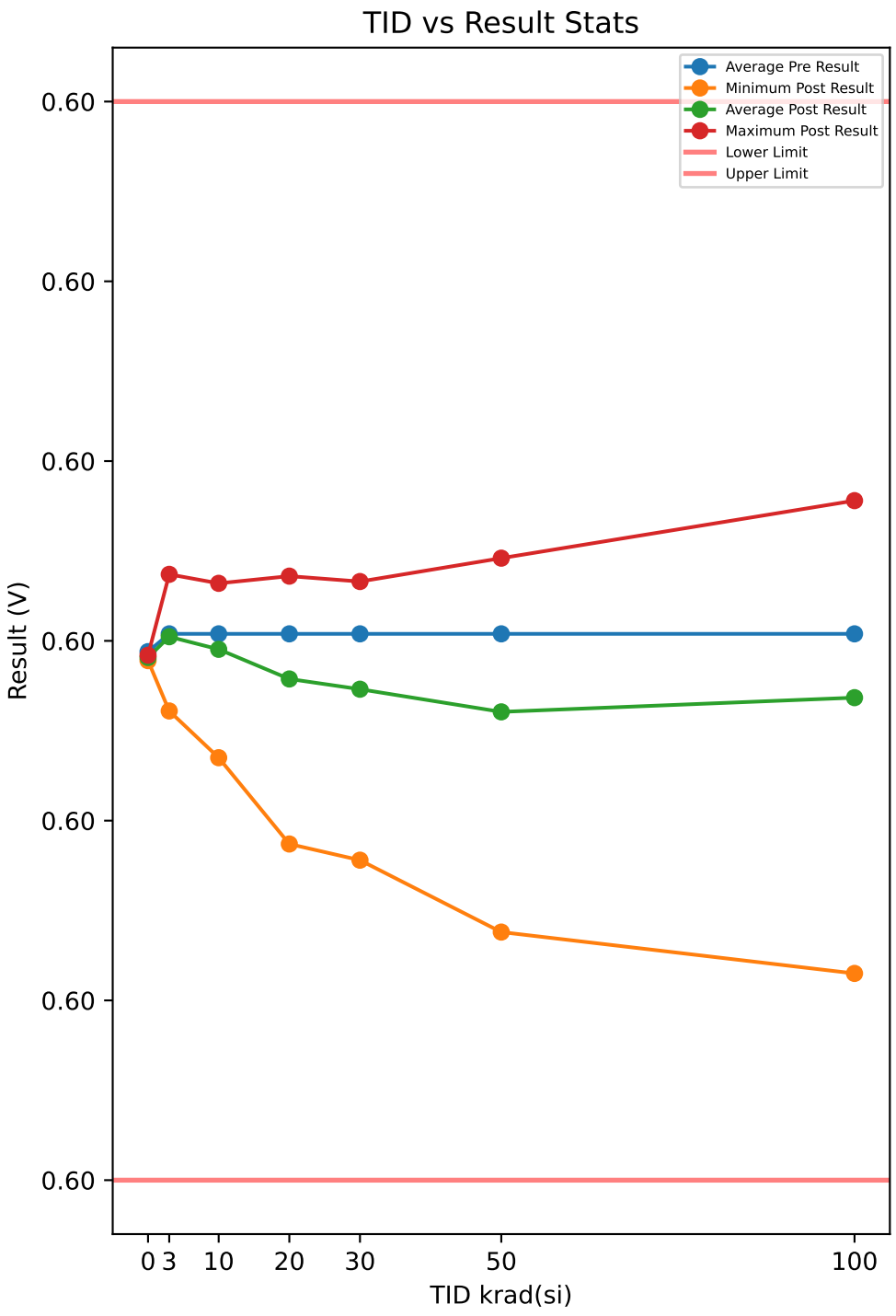
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.069	-0.0821	-0.0131
2	3	LDR BIAS	0.4992	-0.4863	-0.9855
3	3	LDR BIAS	-0.4803	0.5176	0.9979
4	3	LDR BIAS	0.8943	0.8967	0.0024
5	3	LDR BIAS	0.233	0.2309	-0.0021
6	3	LDR UNBIAS	0.5567	0.5303	-0.0264
7	3	LDR UNBIAS	0.5136	0.5041	-0.0095
8	3	LDR UNBIAS	0.7079	0.6777	-0.0302
9	3	LDR UNBIAS	0.4361	0.4233	-0.0128
10	3	LDR UNBIAS	0.4718	0.4772	0.0054
11	0	CORRELATION	0.0196	-0.0094	-0.029
12	0	CORRELATION	0.7377	0.742	0.0043
13	0	CORRELATION	1.2314	1.2082	-0.0232
14	0	CORRELATION	-0.0284	-0.0117	0.0167
21	10	LDR BIAS	-0.069	-0.0607	0.0083
22	10	LDR BIAS	0.4992	0.5413	0.0421
23	10	LDR BIAS	-0.4803	-0.4823	-0.002
24	10	LDR BIAS	0.8943	0.9228	0.0285
25	10	LDR BIAS	0.233	0.2481	0.0151
26	10	LDR UNBIAS	0.5567	0.5475	-0.0092
27	10	LDR UNBIAS	0.5136	0.5022	-0.0114
28	10	LDR UNBIAS	0.7079	0.675	-0.0329
29	10	LDR UNBIAS	0.4361	0.3822	-0.0539
30	10	LDR UNBIAS	0.4718	0.4617	-0.0101
31	20	LDR BIAS	-0.069	-0.0419	0.0271
32	20	LDR BIAS	0.4992	0.5294	0.0302
33	20	LDR BIAS	-0.4803	-0.4849	-0.0046
34	20	LDR BIAS	0.8943	0.9071	0.0128
35	20	LDR BIAS	0.233	0.2618	0.0288
36	20	LDR UNBIAS	0.5567	0.5362	-0.0205
37	20	LDR UNBIAS	0.5136	0.5067	-0.0069
38	20	LDR UNBIAS	0.7079	0.6974	-0.0105
39	20	LDR UNBIAS	0.4361	0.425	-0.0111
40	20	LDR UNBIAS	0.4718	0.497	0.0252
41	30	LDR BIAS	-0.069	-0.0495	0.0195
42	30	LDR BIAS	0.4992	0.5386	0.0394
43	30	LDR BIAS	-0.4803	-0.4504	0.0299
44	30	LDR BIAS	0.8943	0.9261	0.0318
45	30	LDR BIAS	0.233	0.2348	0.0018
46	30	LDR UNBIAS	0.5567	0.5356	-0.0211
47	30	LDR UNBIAS	0.5136	0.511	-0.0026
48	30	LDR UNBIAS	0.7079	0.7188	0.0109
49	30	LDR UNBIAS	0.4361	0.4415	0.0054
50	30	LDR UNBIAS	0.4718	0.5032	0.0314
51	50	LDR BIAS	-0.069	-0.078	-0.009
52	50	LDR BIAS	0.4992	0.4853	-0.0139
53	50	LDR BIAS	-0.4803	-0.481	-0.0007
54	50	LDR BIAS	0.8943	0.9046	0.0103
55	50	LDR BIAS	0.233	0.2154	-0.0176
56	50	LDR UNBIAS	0.5567	0.5394	-0.0173
57	50	LDR UNBIAS	0.5136	0.4882	-0.0254
58	50	LDR UNBIAS	0.7079	0.7005	-0.0074
59	50	LDR UNBIAS	0.4361	0.3794	-0.0567
60	50	LDR UNBIAS	0.4718	0.4832	0.0114
61	100	LDR BIAS	-0.069	0.0258	0.0948
62	100	LDR BIAS	0.4992	0.5471	0.0479
63	100	LDR BIAS	-0.4803	-0.4115	0.0688
64	100	LDR BIAS	0.8943	0.9447	0.0504
65	100	LDR BIAS	0.233	0.2422	0.0092
66	100	LDR UNBIAS	0.5567	0.5738	0.0171
67	100	LDR UNBIAS	0.5136	0.5132	-0.0004
68	100	LDR UNBIAS	0.7079	0.6958	-0.0121
69	100	LDR UNBIAS	0.4361	0.5019	0.0658
70	100	LDR UNBIAS	0.4718	0.5857	0.1139



Test Statistics (mV)

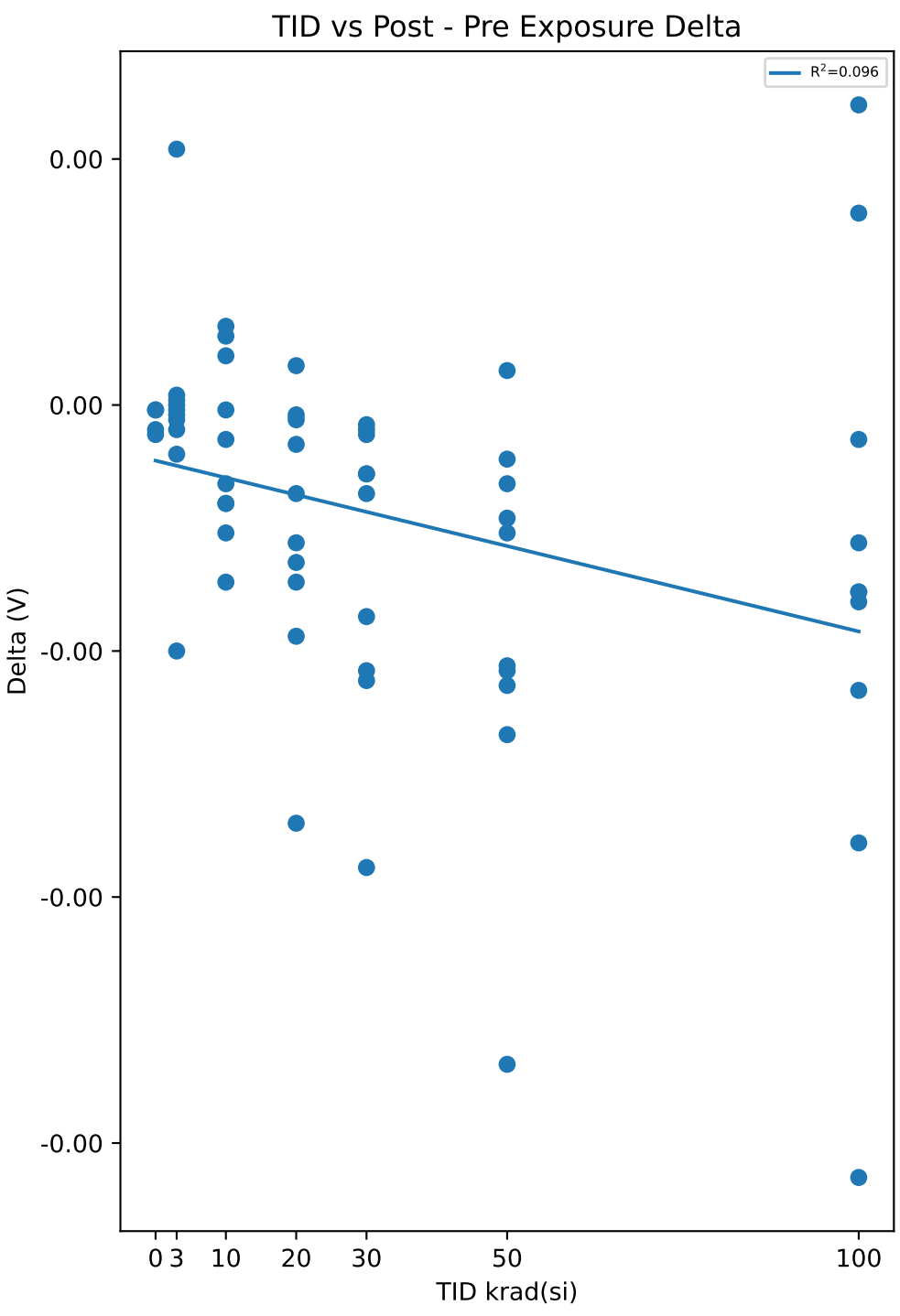
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0284	0.49007	1.2314	0.60582	-0.0117	0.48228	1.2082	0.60005	-0.029	-0.0078	0.0167	0.021858
3	-0.4803	0.37633	0.8943	0.39582	-0.4863	0.36894	0.8967	0.39565	-0.9855	-0.00739	0.9979	0.46768
10	-0.4803	0.37633	0.8943	0.39582	-0.4823	0.37378	0.9228	0.39611	-0.0539	-0.00255	0.0421	0.028136
20	-0.4803	0.37633	0.8943	0.39582	-0.4849	0.38338	0.9071	0.39398	-0.0205	0.00705	0.0302	0.019721
30	-0.4803	0.37633	0.8943	0.39582	-0.4504	0.39097	0.9261	0.39333	-0.0211	0.01464	0.0394	0.019101
50	-0.4803	0.37633	0.8943	0.39582	-0.481	0.3637	0.9046	0.39613	-0.0567	-0.01263	0.0114	0.019549
100	-0.4803	0.37633	0.8943	0.39582	-0.4115	0.42187	0.9447	0.38187	-0.0121	0.04554	0.1139	0.04169

Device Test: 19.31 VOLTAGE|VREF//12/12/0/0/5/100kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

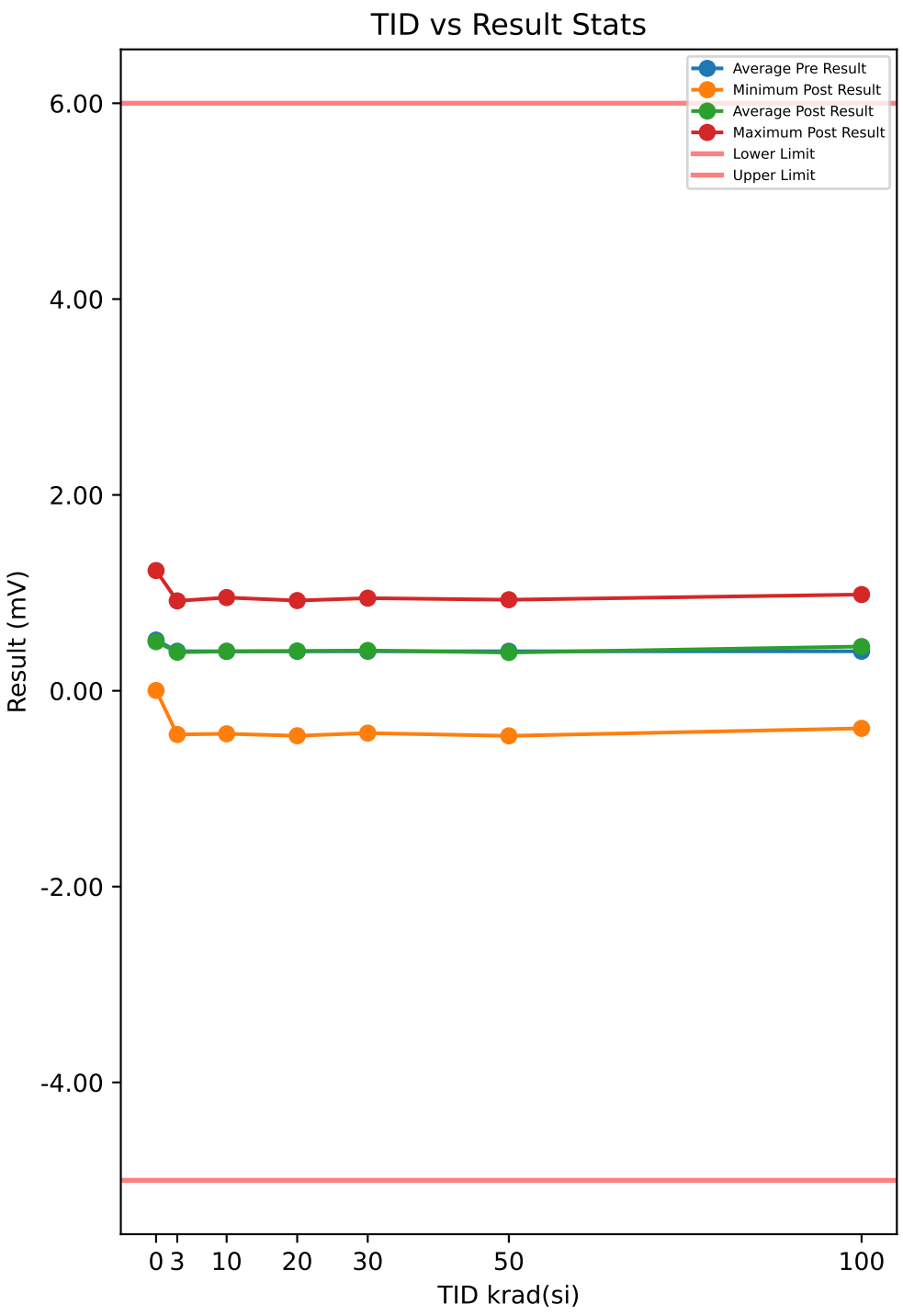
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60004	0.60006	2e-05
2	3	LDR BIAS	0.60016	0.59966	-0.0005
3	3	LDR BIAS	0.59972	0.60024	0.00052
4	3	LDR BIAS	0.59971	0.59961	-0.0001
5	3	LDR BIAS	0.60033	0.60032	-1e-05
6	3	LDR UNBIAS	0.60039	0.60037	-2e-05
7	3	LDR UNBIAS	0.60006	0.60001	-5e-05
8	3	LDR UNBIAS	0.59993	0.59994	1e-05
9	3	LDR UNBIAS	0.59989	0.59986	-3e-05
10	3	LDR UNBIAS	0.60016	0.60016	0
11	0	CORRELATION	0.59995	0.59989	-6e-05
12	0	CORRELATION	0.59996	0.59991	-5e-05
13	0	CORRELATION	0.59992	0.59991	-1e-05
14	0	CORRELATION	0.59993	0.59992	-1e-05
21	10	LDR BIAS	0.60004	0.60014	0.0001
22	10	LDR BIAS	0.60016	0.60015	-1e-05
23	10	LDR BIAS	0.59972	0.59988	0.00016
24	10	LDR BIAS	0.59971	0.59935	-0.00036
25	10	LDR BIAS	0.60033	0.60007	-0.00026
26	10	LDR UNBIAS	0.60039	0.60032	-7e-05
27	10	LDR UNBIAS	0.60006	0.59986	-0.0002
28	10	LDR UNBIAS	0.59993	0.59973	-0.0002
29	10	LDR UNBIAS	0.59989	0.60003	0.00014
30	10	LDR UNBIAS	0.60016	0.6	-0.00016
31	20	LDR BIAS	0.60004	0.60012	8e-05
32	20	LDR BIAS	0.60016	0.60008	-8e-05
33	20	LDR BIAS	0.59972	0.59887	-0.00085
34	20	LDR BIAS	0.59971	0.59924	-0.00047
35	20	LDR BIAS	0.60033	0.59997	-0.00036
36	20	LDR UNBIAS	0.60039	0.60036	-3e-05
37	20	LDR UNBIAS	0.60006	0.59978	-0.00028
38	20	LDR UNBIAS	0.59993	0.59961	-0.00032
39	20	LDR UNBIAS	0.59989	0.59987	-2e-05
40	20	LDR UNBIAS	0.60016	0.59998	-0.00018
41	30	LDR BIAS	0.60004	0.5999	-0.00014
42	30	LDR BIAS	0.60016	0.60012	-4e-05
43	30	LDR BIAS	0.59972	0.59878	-0.00094
44	30	LDR BIAS	0.59971	0.59915	-0.00056
45	30	LDR BIAS	0.60033	0.5999	-0.00043
46	30	LDR UNBIAS	0.60039	0.60033	-6e-05
47	30	LDR UNBIAS	0.60006	0.59992	-0.00014
48	30	LDR UNBIAS	0.59993	0.59939	-0.00054
49	30	LDR UNBIAS	0.59989	0.59984	-5e-05
50	30	LDR UNBIAS	0.60016	0.59998	-0.00018
51	50	LDR BIAS	0.60004	0.59981	-0.00023
52	50	LDR BIAS	0.60016	0.6	-0.00016
53	50	LDR BIAS	0.59972	0.59838	-0.00134
54	50	LDR BIAS	0.59971	0.59904	-0.00067
55	50	LDR BIAS	0.60033	0.59976	-0.00057
56	50	LDR UNBIAS	0.60039	0.60046	7e-05
57	50	LDR UNBIAS	0.60006	0.59953	-0.00053
58	50	LDR UNBIAS	0.59993	0.59939	-0.00054
59	50	LDR UNBIAS	0.59989	0.59963	-0.00026
60	50	LDR UNBIAS	0.60016	0.60005	-0.00011
61	100	LDR BIAS	0.60004	0.59997	-7e-05
62	100	LDR BIAS	0.60016	0.59978	-0.00038
63	100	LDR BIAS	0.59972	0.59815	-0.00157
64	100	LDR BIAS	0.59971	0.59913	-0.00058
65	100	LDR BIAS	0.60033	0.59944	-0.00089
66	100	LDR UNBIAS	0.60039	0.60078	0.00039
67	100	LDR UNBIAS	0.60006	0.59966	-0.0004
68	100	LDR UNBIAS	0.59993	0.59955	-0.00038
69	100	LDR UNBIAS	0.59989	0.59961	-0.00028
70	100	LDR UNBIAS	0.60016	0.60077	0.00061



Test Statistics (V)

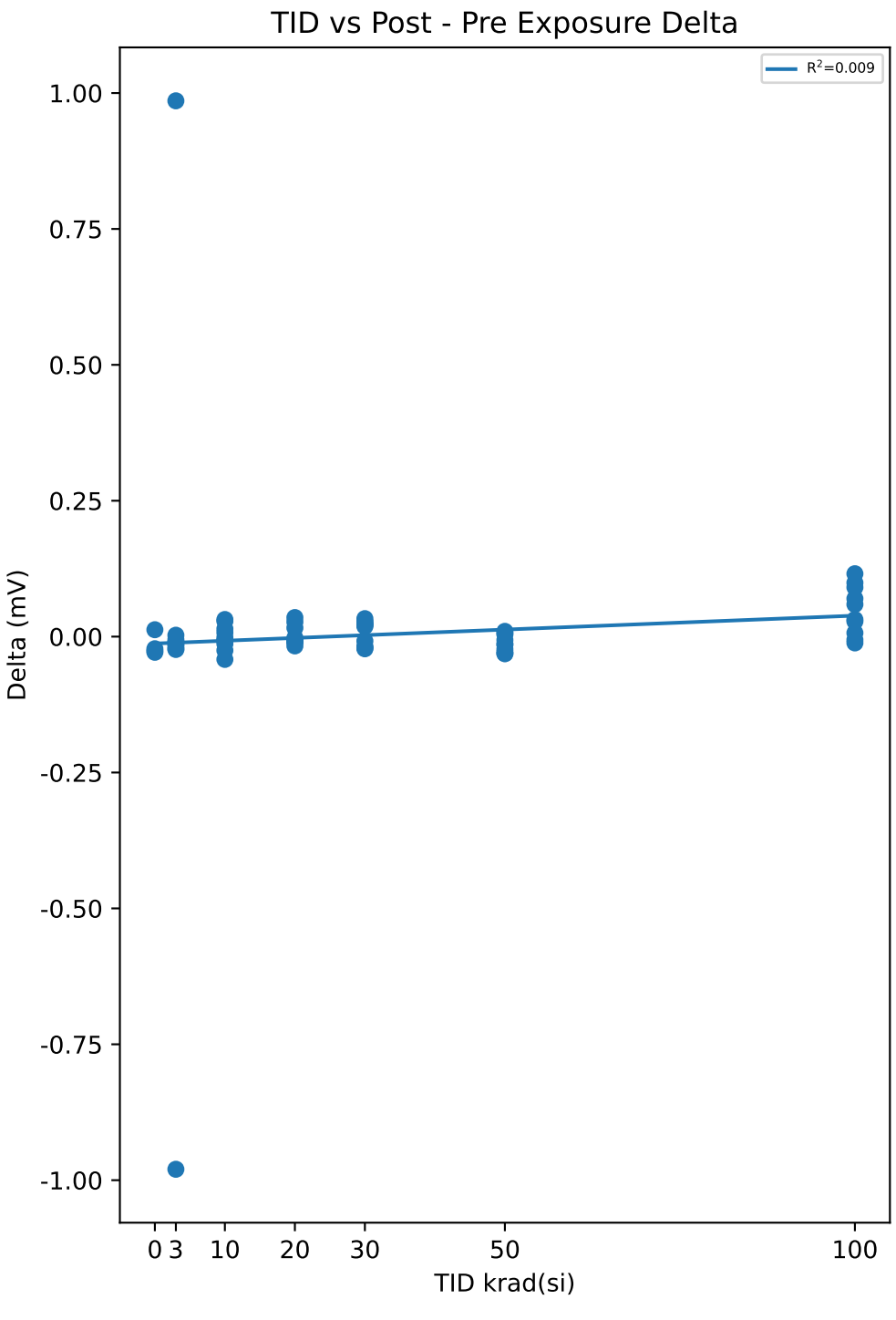
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59992	0.59994	0.59996	1.8257e-05	0.59989	0.59991	0.59992	1.2583e-05	-6e-05	-3.25e-05	-1e-05	2.63e-05
3	0.59971	0.60004	0.60039	0.00023135	0.59961	0.60002	0.60037	0.00026073	-0.0005	-1.6e-05	0.00052	0.00024318
10	0.59971	0.60004	0.60039	0.00023135	0.59935	0.59995	0.60032	0.00027031	-0.00036	-8.6e-05	0.00016	0.00017921
20	0.59971	0.60004	0.60039	0.00023135	0.59887	0.59979	0.60036	0.00044399	-0.00085	-0.000251	8e-05	0.0002729
30	0.59971	0.60004	0.60039	0.00023135	0.59878	0.59973	0.60033	0.00047552	-0.00094	-0.000308	-4e-05	0.00029895
50	0.59971	0.60004	0.60039	0.00023135	0.59838	0.59961	0.60046	0.0005796	-0.00134	-0.000434	7e-05	0.00039741
100	0.59971	0.60004	0.60039	0.00023135	0.59815	0.59968	0.60078	0.00076123	-0.00157	-0.000355	0.00061	0.00061368

Device Test: 19.33 VOLTAGE|OFFSET//12/12/0/0/5/100kHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

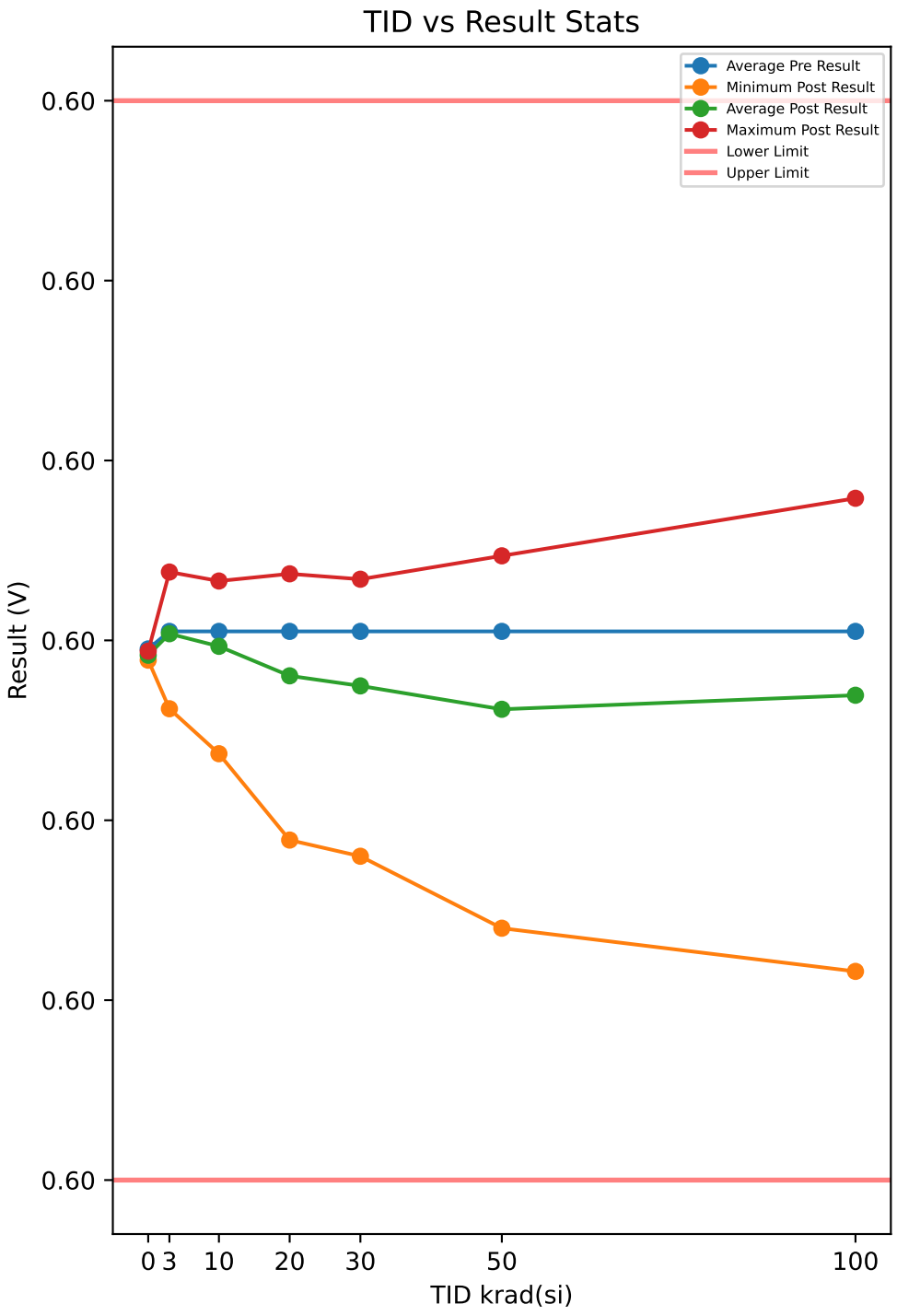
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0433	-0.0407	0.0026
2	3	LDR BIAS	0.5335	-0.4464	-0.9799
3	3	LDR BIAS	-0.454	0.5317	0.9857
4	3	LDR BIAS	0.9233	0.9177	-0.0056
5	3	LDR BIAS	0.2736	0.25	-0.0236
6	3	LDR UNBIAS	0.5792	0.5566	-0.0226
7	3	LDR UNBIAS	0.5402	0.5225	-0.0177
8	3	LDR UNBIAS	0.7231	0.7122	-0.0109
9	3	LDR UNBIAS	0.4544	0.4404	-0.014
10	3	LDR UNBIAS	0.5023	0.4922	-0.0101
11	0	CORRELATION	0.0462	0.0174	-0.0288
12	0	CORRELATION	0.7807	0.7584	-0.0223
13	0	CORRELATION	1.2538	1.2277	-0.0261
14	0	CORRELATION	-0.0097	0.003	0.0127
21	10	LDR BIAS	-0.0433	-0.0359	0.0074
22	10	LDR BIAS	0.5335	0.565	0.0315
23	10	LDR BIAS	-0.454	-0.4396	0.0144
24	10	LDR BIAS	0.9233	0.9517	0.0284
25	10	LDR BIAS	0.2736	0.2668	-0.0068
26	10	LDR UNBIAS	0.5792	0.5774	-0.0018
27	10	LDR UNBIAS	0.5402	0.5269	-0.0133
28	10	LDR UNBIAS	0.7231	0.6977	-0.0254
29	10	LDR UNBIAS	0.4544	0.4125	-0.0419
30	10	LDR UNBIAS	0.5023	0.4942	-0.0081
31	20	LDR BIAS	-0.0433	-0.0082	0.0351
32	20	LDR BIAS	0.5335	0.5605	0.027
33	20	LDR BIAS	-0.454	-0.4596	-0.0056
34	20	LDR BIAS	0.9233	0.9211	-0.0022
35	20	LDR BIAS	0.2736	0.2676	-0.006
36	20	LDR UNBIAS	0.5792	0.5621	-0.0171
37	20	LDR UNBIAS	0.5402	0.532	-0.0082
38	20	LDR UNBIAS	0.7231	0.7141	-0.009
39	20	LDR UNBIAS	0.4544	0.4443	-0.0101
40	20	LDR UNBIAS	0.5023	0.5185	0.0162
41	30	LDR BIAS	-0.0433	-0.0177	0.0256
42	30	LDR BIAS	0.5335	0.5666	0.0331
43	30	LDR BIAS	-0.454	-0.4326	0.0214
44	30	LDR BIAS	0.9233	0.9457	0.0224
45	30	LDR BIAS	0.2736	0.2529	-0.0207
46	30	LDR UNBIAS	0.5792	0.5614	-0.0178
47	30	LDR UNBIAS	0.5402	0.5321	-0.0081
48	30	LDR UNBIAS	0.7231	0.7419	0.0188
49	30	LDR UNBIAS	0.4544	0.432	-0.0224
50	30	LDR UNBIAS	0.5023	0.5301	0.0278
51	50	LDR BIAS	-0.0433	-0.0572	-0.0139
52	50	LDR BIAS	0.5335	0.5104	-0.0231
53	50	LDR BIAS	-0.454	-0.4604	-0.0064
54	50	LDR BIAS	0.9233	0.9295	0.0062
55	50	LDR BIAS	0.2736	0.2453	-0.0283
56	50	LDR UNBIAS	0.5792	0.5646	-0.0146
57	50	LDR UNBIAS	0.5402	0.5091	-0.0311
58	50	LDR UNBIAS	0.7231	0.7272	0.0041
59	50	LDR UNBIAS	0.4544	0.423	-0.0314
60	50	LDR UNBIAS	0.5023	0.512	0.0097
61	100	LDR BIAS	-0.0433	0.0558	0.0991
62	100	LDR BIAS	0.5335	0.565	0.0315
63	100	LDR BIAS	-0.454	-0.3841	0.0699
64	100	LDR BIAS	0.9233	0.9826	0.0593
65	100	LDR BIAS	0.2736	0.2677	-0.0059
66	100	LDR UNBIAS	0.5792	0.6072	0.028
67	100	LDR UNBIAS	0.5402	0.5286	-0.0116
68	100	LDR UNBIAS	0.7231	0.7299	0.0068
69	100	LDR UNBIAS	0.4544	0.545	0.0906
70	100	LDR UNBIAS	0.5023	0.618	0.1157



Test Statistics (mV)

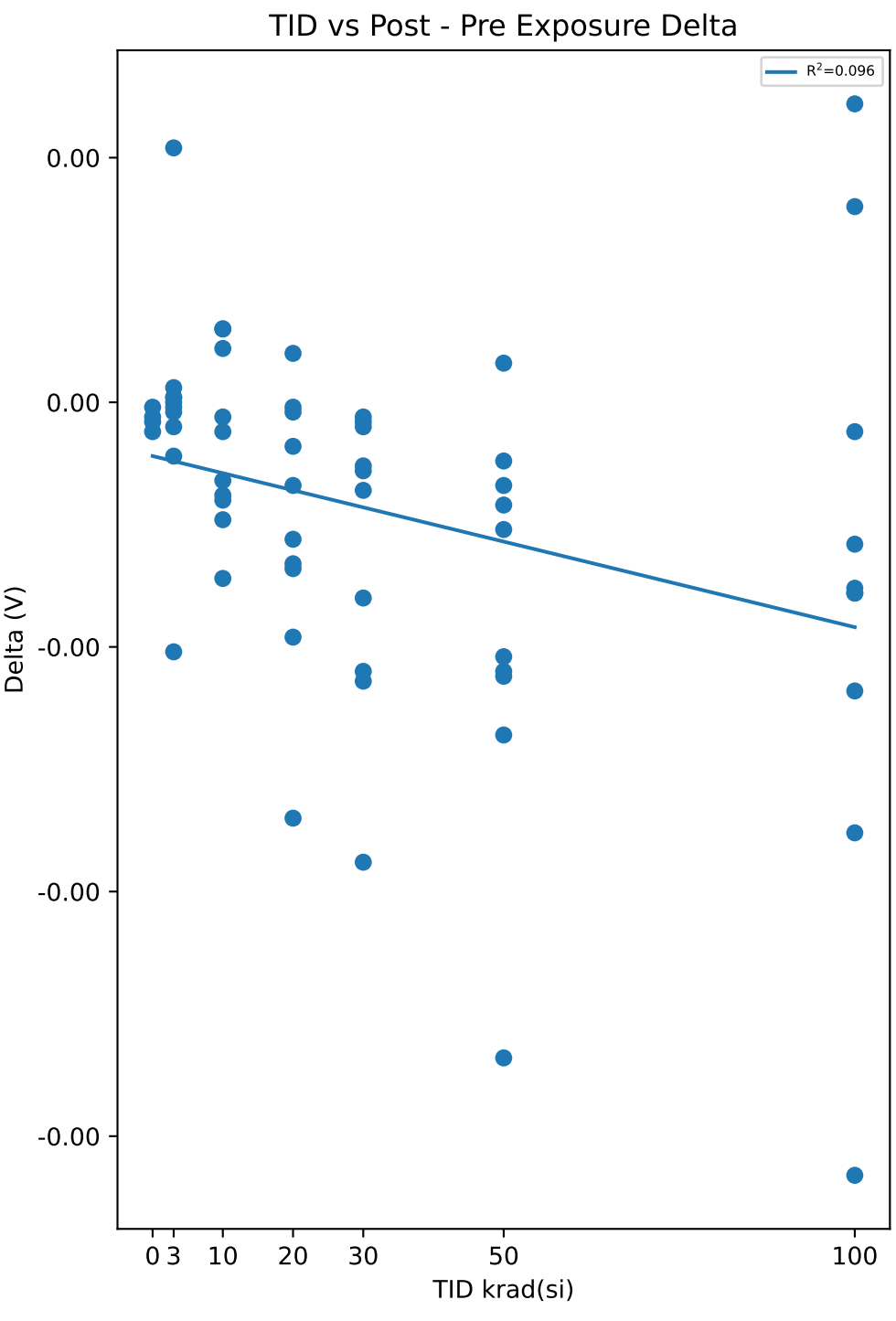
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0097	0.51775	1.2538	0.60868	0.003	0.50162	1.2277	0.59895	-0.0288	-0.016125	0.0127	0.019401
3	-0.454	0.40323	0.9233	0.39482	-0.4464	0.39362	0.9177	0.38947	-0.9799	-0.00961	0.9857	0.46341
10	-0.454	0.40323	0.9233	0.39482	-0.4396	0.40167	0.9517	0.39292	-0.0419	-0.00156	0.0315	0.022923
20	-0.454	0.40323	0.9233	0.39482	-0.4596	0.40524	0.9211	0.39136	-0.0171	0.00201	0.0351	0.017632
30	-0.454	0.40323	0.9233	0.39482	-0.4326	0.41124	0.9457	0.39327	-0.0224	0.00801	0.0331	0.022381
50	-0.454	0.40323	0.9233	0.39482	-0.4604	0.39035	0.9295	0.39777	-0.0314	-0.01288	0.0097	0.015725
100	-0.454	0.40323	0.9233	0.39482	-0.3841	0.45157	0.9826	0.38409	-0.0116	0.04834	0.1157	0.045268

Device Test: 19.34 VOLTAGE|VREF//14/14/0/0/5/100kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

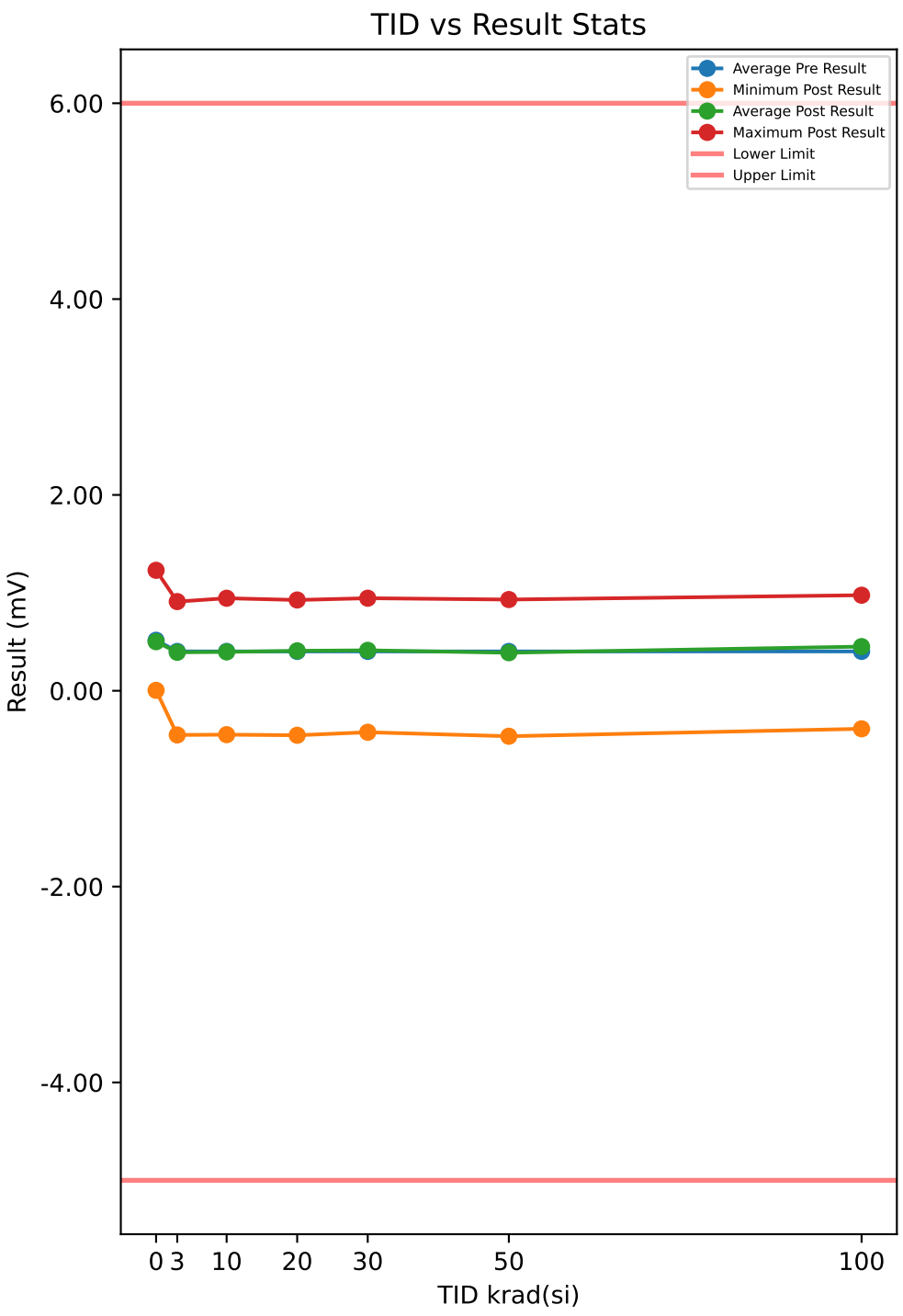
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60004	0.60007	3e-05
2	3	LDR BIAS	0.60018	0.59967	-0.00051
3	3	LDR BIAS	0.59974	0.60026	0.00052
4	3	LDR BIAS	0.59973	0.59962	-0.00011
5	3	LDR BIAS	0.60033	0.60033	0
6	3	LDR UNBIAS	0.60039	0.60038	-1e-05
7	3	LDR UNBIAS	0.60007	0.60002	-5e-05
8	3	LDR UNBIAS	0.59995	0.59996	1e-05
9	3	LDR UNBIAS	0.5999	0.59988	-2e-05
10	3	LDR UNBIAS	0.60017	0.60018	1e-05
11	0	CORRELATION	0.59995	0.59989	-6e-05
12	0	CORRELATION	0.59997	0.59993	-4e-05
13	0	CORRELATION	0.59994	0.59991	-3e-05
14	0	CORRELATION	0.59995	0.59994	-1e-05
21	10	LDR BIAS	0.60004	0.60015	0.00011
22	10	LDR BIAS	0.60018	0.60015	-3e-05
23	10	LDR BIAS	0.59974	0.59989	0.00015
24	10	LDR BIAS	0.59973	0.59937	-0.00036
25	10	LDR BIAS	0.60033	0.60009	-0.00024
26	10	LDR UNBIAS	0.60039	0.60033	-6e-05
27	10	LDR UNBIAS	0.60007	0.59988	-0.00019
28	10	LDR UNBIAS	0.59995	0.59975	-0.0002
29	10	LDR UNBIAS	0.5999	0.60005	0.00015
30	10	LDR UNBIAS	0.60017	0.60001	-0.00016
31	20	LDR BIAS	0.60004	0.60014	0.0001
32	20	LDR BIAS	0.60018	0.60009	-9e-05
33	20	LDR BIAS	0.59974	0.59889	-0.00085
34	20	LDR BIAS	0.59973	0.59925	-0.00048
35	20	LDR BIAS	0.60033	0.59999	-0.00034
36	20	LDR UNBIAS	0.60039	0.60037	-2e-05
37	20	LDR UNBIAS	0.60007	0.59979	-0.00028
38	20	LDR UNBIAS	0.59995	0.59962	-0.00033
39	20	LDR UNBIAS	0.5999	0.59989	-1e-05
40	20	LDR UNBIAS	0.60017	0.6	-0.00017
41	30	LDR BIAS	0.60004	0.59991	-0.00013
42	30	LDR BIAS	0.60018	0.60014	-4e-05
43	30	LDR BIAS	0.59974	0.5988	-0.00094
44	30	LDR BIAS	0.59973	0.59916	-0.00057
45	30	LDR BIAS	0.60033	0.59993	-0.0004
46	30	LDR UNBIAS	0.60039	0.60034	-5e-05
47	30	LDR UNBIAS	0.60007	0.59993	-0.00014
48	30	LDR UNBIAS	0.59995	0.5994	-0.00055
49	30	LDR UNBIAS	0.5999	0.59987	-3e-05
50	30	LDR UNBIAS	0.60017	0.59999	-0.00018
51	50	LDR BIAS	0.60004	0.59983	-0.00021
52	50	LDR BIAS	0.60018	0.60001	-0.00017
53	50	LDR BIAS	0.59974	0.5984	-0.00134
54	50	LDR BIAS	0.59973	0.59905	-0.00068
55	50	LDR BIAS	0.60033	0.59977	-0.00056
56	50	LDR UNBIAS	0.60039	0.60047	8e-05
57	50	LDR UNBIAS	0.60007	0.59955	-0.00052
58	50	LDR UNBIAS	0.59995	0.5994	-0.00055
59	50	LDR UNBIAS	0.5999	0.59964	-0.00026
60	50	LDR UNBIAS	0.60017	0.60005	-0.00012
61	100	LDR BIAS	0.60004	0.59998	-6e-05
62	100	LDR BIAS	0.60018	0.59979	-0.00039
63	100	LDR BIAS	0.59974	0.59816	-0.00158
64	100	LDR BIAS	0.59973	0.59914	-0.00059
65	100	LDR BIAS	0.60033	0.59945	-0.00088
66	100	LDR UNBIAS	0.60039	0.60079	0.0004
67	100	LDR UNBIAS	0.60007	0.59968	-0.00039
68	100	LDR UNBIAS	0.59995	0.59957	-0.00038
69	100	LDR UNBIAS	0.5999	0.59961	-0.00029
70	100	LDR UNBIAS	0.60017	0.60078	0.00061



Test Statistics (V)

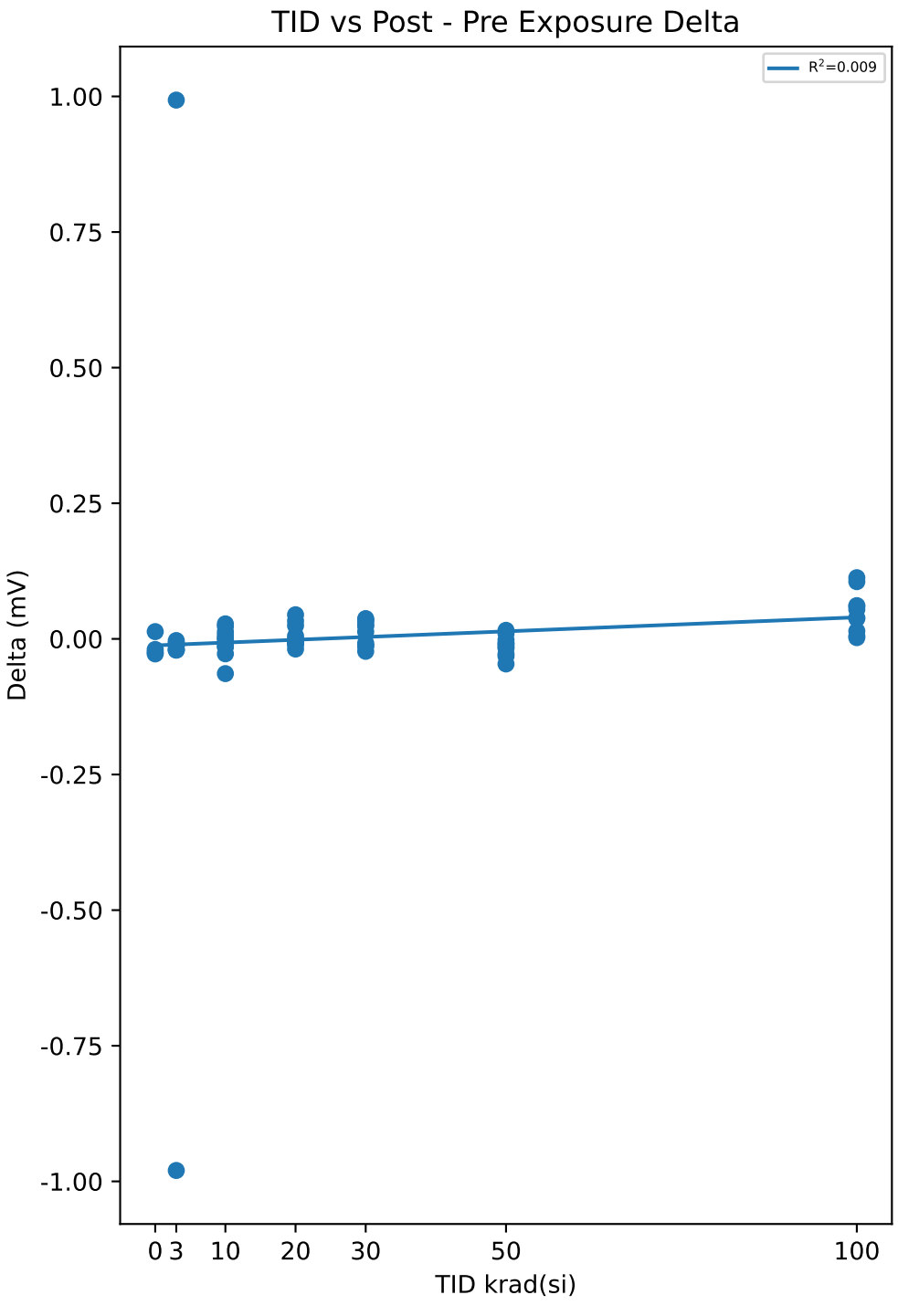
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59994	0.59995	0.59997	1.2583e-05	0.59989	0.59992	0.59994	2.2174e-05	-6e-05	-3.5e-05	-1e-05	2.0817e-05
3	0.59973	0.60005	0.60039	0.00022529	0.59962	0.60004	0.60038	0.00026124	-0.00051	-1.3e-05	0.00052	0.00024608
10	0.59973	0.60005	0.60039	0.00022529	0.59937	0.59997	0.60033	0.00026659	-0.00036	-8.3e-05	0.00015	0.00017689
20	0.59973	0.60005	0.60039	0.00022529	0.59889	0.5998	0.60037	0.0004437	-0.00085	-0.000247	0.0001	0.00027753
30	0.59973	0.60005	0.60039	0.00022529	0.5988	0.59975	0.60034	0.00047558	-0.00094	-0.000303	-3e-05	0.0003031
50	0.59973	0.60005	0.60039	0.00022529	0.5984	0.59962	0.60047	0.00057668	-0.00134	-0.000433	8e-05	0.00039875
100	0.59973	0.60005	0.60039	0.00022529	0.59816	0.59969	0.60079	0.00076113	-0.00158	-0.000355	0.00061	0.00061708

Device Test: 19.36 VOLTAGE|OFFSET//14/14/0/0/5/100kHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

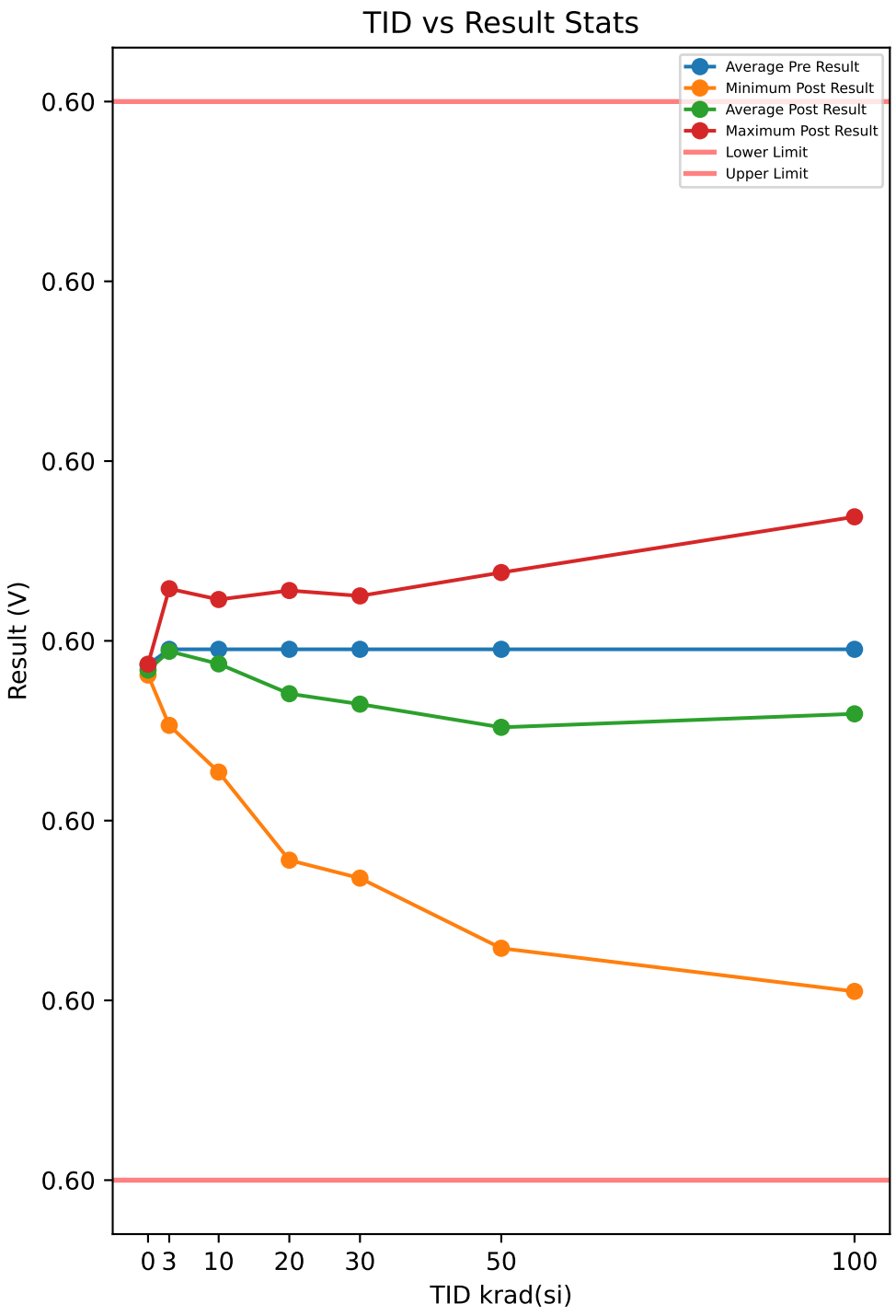
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0491	-0.0565	-0.0074
2	3	LDR BIAS	0.5286	-0.4513	-0.9799
3	3	LDR BIAS	-0.4499	0.5433	0.9932
4	3	LDR BIAS	0.9216	0.9106	-0.011
5	3	LDR BIAS	0.2677	0.2556	-0.0121
6	3	LDR UNBIAS	0.5701	0.56	-0.0101
7	3	LDR UNBIAS	0.5434	0.5227	-0.0207
8	3	LDR UNBIAS	0.7238	0.7046	-0.0192
9	3	LDR UNBIAS	0.464	0.4434	-0.0206
10	3	LDR UNBIAS	0.497	0.4939	-0.0031
11	0	CORRELATION	0.0322	0.0045	-0.0277
12	0	CORRELATION	0.7829	0.7634	-0.0195
13	0	CORRELATION	1.2548	1.2302	-0.0246
14	0	CORRELATION	-0.0078	0.0056	0.0134
21	10	LDR BIAS	-0.0491	-0.036	0.0131
22	10	LDR BIAS	0.5286	0.5563	0.0277
23	10	LDR BIAS	-0.4499	-0.4484	0.0015
24	10	LDR BIAS	0.9216	0.9448	0.0232
25	10	LDR BIAS	0.2677	0.2743	0.0066
26	10	LDR UNBIAS	0.5701	0.569	-0.0011
27	10	LDR UNBIAS	0.5434	0.5283	-0.0151
28	10	LDR UNBIAS	0.7238	0.6963	-0.0275
29	10	LDR UNBIAS	0.464	0.4	-0.064
30	10	LDR UNBIAS	0.497	0.4842	-0.0128
31	20	LDR BIAS	-0.0491	-0.0046	0.0445
32	20	LDR BIAS	0.5286	0.5618	0.0332
33	20	LDR BIAS	-0.4499	-0.4545	-0.0046
34	20	LDR BIAS	0.9216	0.927	0.0054
35	20	LDR BIAS	0.2677	0.2677	0
36	20	LDR UNBIAS	0.5701	0.5645	-0.0056
37	20	LDR UNBIAS	0.5434	0.5337	-0.0097
38	20	LDR UNBIAS	0.7238	0.7146	-0.0092
39	20	LDR UNBIAS	0.464	0.4453	-0.0187
40	20	LDR UNBIAS	0.497	0.5214	0.0244
41	30	LDR BIAS	-0.0491	-0.0143	0.0348
42	30	LDR BIAS	0.5286	0.566	0.0374
43	30	LDR BIAS	-0.4499	-0.4238	0.0261
44	30	LDR BIAS	0.9216	0.9451	0.0235
45	30	LDR BIAS	0.2677	0.2554	-0.0123
46	30	LDR UNBIAS	0.5701	0.5569	-0.0132
47	30	LDR UNBIAS	0.5434	0.5357	-0.0077
48	30	LDR UNBIAS	0.7238	0.7369	0.0131
49	30	LDR UNBIAS	0.464	0.4411	-0.0229
50	30	LDR UNBIAS	0.497	0.5295	0.0325
51	50	LDR BIAS	-0.0491	-0.0575	-0.0084
52	50	LDR BIAS	0.5286	0.5115	-0.0171
53	50	LDR BIAS	-0.4499	-0.4645	-0.0146
54	50	LDR BIAS	0.9216	0.9315	0.0099
55	50	LDR BIAS	0.2677	0.2398	-0.0279
56	50	LDR UNBIAS	0.5701	0.5606	-0.0095
57	50	LDR UNBIAS	0.5434	0.5115	-0.0319
58	50	LDR UNBIAS	0.7238	0.7218	-0.002
59	50	LDR UNBIAS	0.464	0.4178	-0.0462
60	50	LDR UNBIAS	0.497	0.5128	0.0158
61	100	LDR BIAS	-0.0491	0.0564	0.1055
62	100	LDR BIAS	0.5286	0.5672	0.0386
63	100	LDR BIAS	-0.4499	-0.3886	0.0613
64	100	LDR BIAS	0.9216	0.9758	0.0542
65	100	LDR BIAS	0.2677	0.27	0.0023
66	100	LDR UNBIAS	0.5701	0.6077	0.0376
67	100	LDR UNBIAS	0.5434	0.5486	0.0052
68	100	LDR UNBIAS	0.7238	0.7382	0.0144
69	100	LDR UNBIAS	0.464	0.5243	0.0603
70	100	LDR UNBIAS	0.497	0.6098	0.1128



Test Statistics (mV)

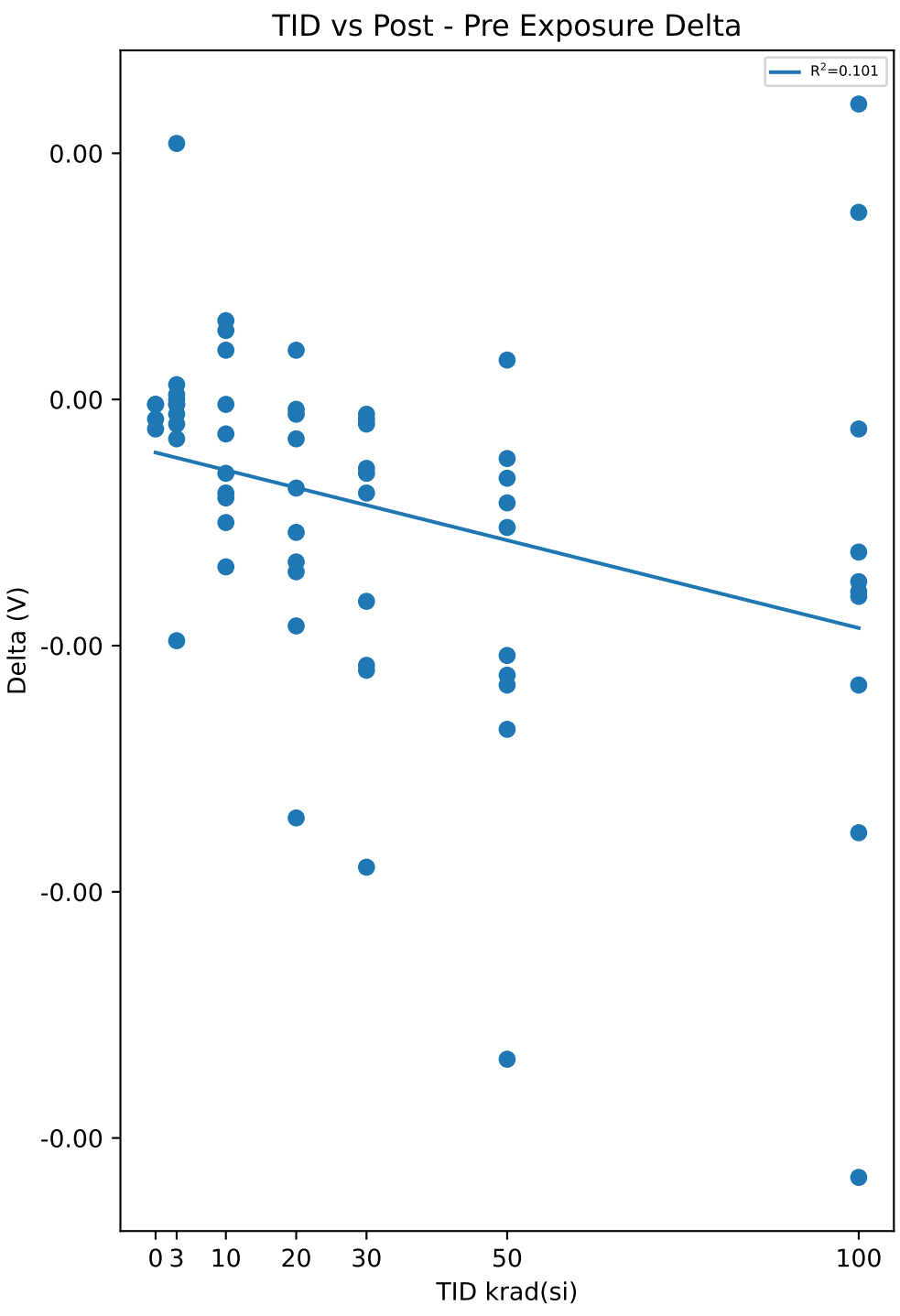
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0078	0.51553	1.2548	0.61251	0.0045	0.50092	1.2302	0.60347	-0.0277	-0.0146	0.0134	0.01897
3	-0.4499	0.40172	0.9216	0.39412	-0.4513	0.39263	0.9106	0.39141	-0.9799	-0.00909	0.9932	0.46517
10	-0.4499	0.40172	0.9216	0.39412	-0.4484	0.39688	0.9448	0.39253	-0.064	-0.00484	0.0277	0.026944
20	-0.4499	0.40172	0.9216	0.39412	-0.4545	0.40769	0.927	0.39092	-0.0187	0.00597	0.0445	0.020901
30	-0.4499	0.40172	0.9216	0.39412	-0.4238	0.41285	0.9451	0.39005	-0.0229	0.01113	0.0374	0.022953
50	-0.4499	0.40172	0.9216	0.39412	-0.4645	0.38853	0.9315	0.39871	-0.0462	-0.01319	0.0158	0.018882
100	-0.4499	0.40172	0.9216	0.39412	-0.3886	0.45094	0.9758	0.38434	0.0023	0.04922	0.1128	0.038156

Device Test: 19.37 VOLTAGE|VREF//4.5/4.5/0/0/4.5/500kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

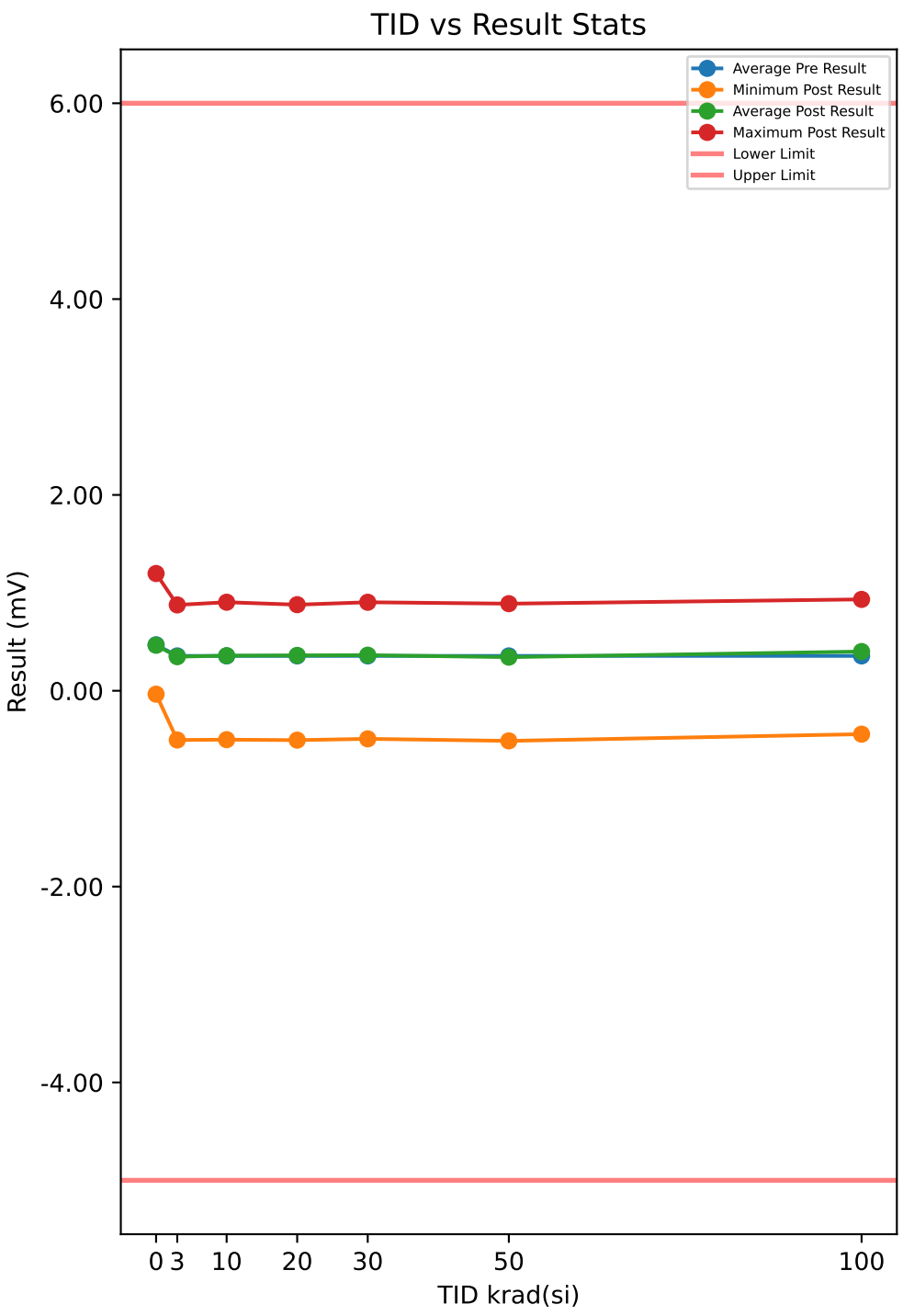
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59996	0.59999	3e-05
2	3	LDR BIAS	0.60006	0.59957	-0.00049
3	3	LDR BIAS	0.59963	0.60015	0.00052
4	3	LDR BIAS	0.59961	0.59953	-8e-05
5	3	LDR BIAS	0.60023	0.60022	-1e-05
6	3	LDR UNBIAS	0.6003	0.60029	-1e-05
7	3	LDR UNBIAS	0.59998	0.59993	-5e-05
8	3	LDR UNBIAS	0.59985	0.59985	0
9	3	LDR UNBIAS	0.59982	0.59979	-3e-05
10	3	LDR UNBIAS	0.60009	0.6001	1e-05
11	0	CORRELATION	0.59987	0.59981	-6e-05
12	0	CORRELATION	0.59988	0.59984	-4e-05
13	0	CORRELATION	0.59984	0.59983	-1e-05
14	0	CORRELATION	0.59988	0.59987	-1e-05
21	10	LDR BIAS	0.59996	0.60006	0.0001
22	10	LDR BIAS	0.60006	0.60005	-1e-05
23	10	LDR BIAS	0.59963	0.59979	0.00016
24	10	LDR BIAS	0.59961	0.59927	-0.00034
25	10	LDR BIAS	0.60023	0.59998	-0.00025
26	10	LDR UNBIAS	0.6003	0.60023	-7e-05
27	10	LDR UNBIAS	0.59998	0.59979	-0.00019
28	10	LDR UNBIAS	0.59985	0.59965	-0.0002
29	10	LDR UNBIAS	0.59982	0.59996	0.00014
30	10	LDR UNBIAS	0.60009	0.59994	-0.00015
31	20	LDR BIAS	0.59996	0.60006	0.0001
32	20	LDR BIAS	0.60006	0.59998	-8e-05
33	20	LDR BIAS	0.59963	0.59878	-0.00085
34	20	LDR BIAS	0.59961	0.59915	-0.00046
35	20	LDR BIAS	0.60023	0.59988	-0.00035
36	20	LDR UNBIAS	0.6003	0.60028	-2e-05
37	20	LDR UNBIAS	0.59998	0.59971	-0.00027
38	20	LDR UNBIAS	0.59985	0.59952	-0.00033
39	20	LDR UNBIAS	0.59982	0.59979	-3e-05
40	20	LDR UNBIAS	0.60009	0.59991	-0.00018
41	30	LDR BIAS	0.59996	0.59982	-0.00014
42	30	LDR BIAS	0.60006	0.60002	-4e-05
43	30	LDR BIAS	0.59963	0.59868	-0.00095
44	30	LDR BIAS	0.59961	0.59907	-0.00054
45	30	LDR BIAS	0.60023	0.59982	-0.00041
46	30	LDR UNBIAS	0.6003	0.60025	-5e-05
47	30	LDR UNBIAS	0.59998	0.59983	-0.00015
48	30	LDR UNBIAS	0.59985	0.5993	-0.00055
49	30	LDR UNBIAS	0.59982	0.59979	-3e-05
50	30	LDR UNBIAS	0.60009	0.5999	-0.00019
51	50	LDR BIAS	0.59996	0.59975	-0.00021
52	50	LDR BIAS	0.60006	0.5999	-0.00016
53	50	LDR BIAS	0.59963	0.59829	-0.00134
54	50	LDR BIAS	0.59961	0.59894	-0.00067
55	50	LDR BIAS	0.60023	0.59965	-0.00058
56	50	LDR UNBIAS	0.6003	0.60038	8e-05
57	50	LDR UNBIAS	0.59998	0.59946	-0.00052
58	50	LDR UNBIAS	0.59985	0.59929	-0.00056
59	50	LDR UNBIAS	0.59982	0.59956	-0.00026
60	50	LDR UNBIAS	0.60009	0.59997	-0.00012
61	100	LDR BIAS	0.59996	0.5999	-6e-05
62	100	LDR BIAS	0.60006	0.59969	-0.00037
63	100	LDR BIAS	0.59963	0.59805	-0.00158
64	100	LDR BIAS	0.59961	0.59903	-0.00058
65	100	LDR BIAS	0.60023	0.59935	-0.00088
66	100	LDR UNBIAS	0.6003	0.60068	0.00038
67	100	LDR UNBIAS	0.59998	0.59958	-0.0004
68	100	LDR UNBIAS	0.59985	0.59946	-0.00039
69	100	LDR UNBIAS	0.59982	0.59951	-0.00031
70	100	LDR UNBIAS	0.60009	0.60069	0.0006

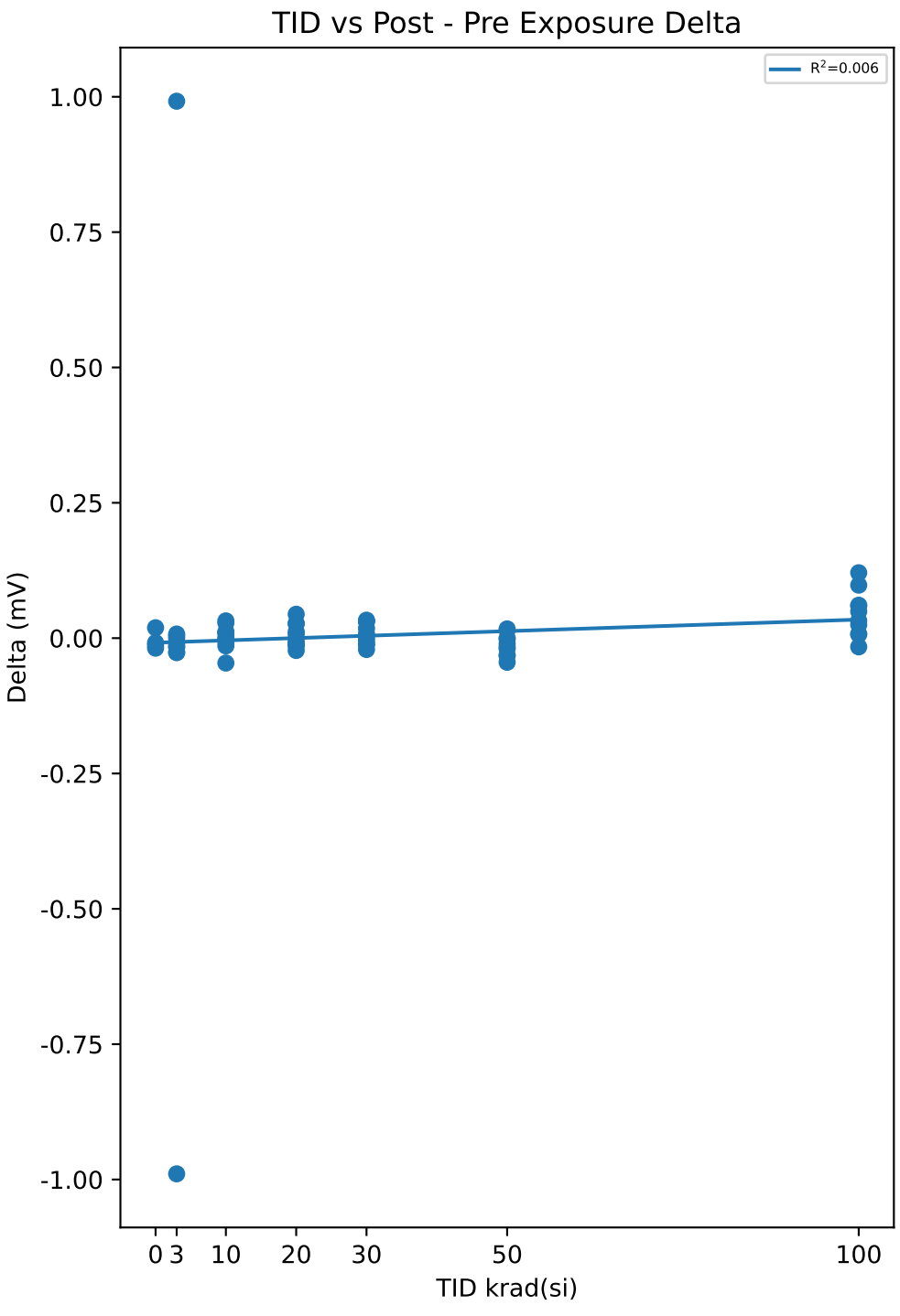


Test Statistics (V)

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	0.59984	0.59987	0.59988	1.893e-05	0.59981	0.59984	0.59987	2.5e-05	-6e-05	-3e-05	-1e-05	2.4495e-05
3	0.59961	0.59995	0.6003	0.00023056	0.59953	0.59994	0.60029	0.00026008	-0.00049	-1.1e-05	0.00052	0.00024044
10	0.59961	0.59995	0.6003	0.00023056	0.59927	0.59987	0.60023	0.00026757	-0.00034	-8.1e-05	0.00016	0.00017362
20	0.59961	0.59995	0.6003	0.00023056	0.59878	0.59971	0.60028	0.00044846	-0.00085	-0.000247	0.0001	0.00027455
30	0.59961	0.59995	0.6003	0.00023056	0.59868	0.59965	0.60025	0.00047946	-0.00095	-0.000305	-3e-05	0.00030141
50	0.59961	0.59995	0.6003	0.00023056	0.59829	0.59952	0.60038	0.00058345	-0.00134	-0.000434	8e-05	0.00039992
100	0.59961	0.59995	0.6003	0.00023056	0.59805	0.59959	0.60069	0.00076523	-0.00158	-0.000359	0.0006	0.00061205

Device Test: 19.39 VOLTAGE|OFFSET//4.5/4.5/0/0/4.5/500kHz//@EA_OS





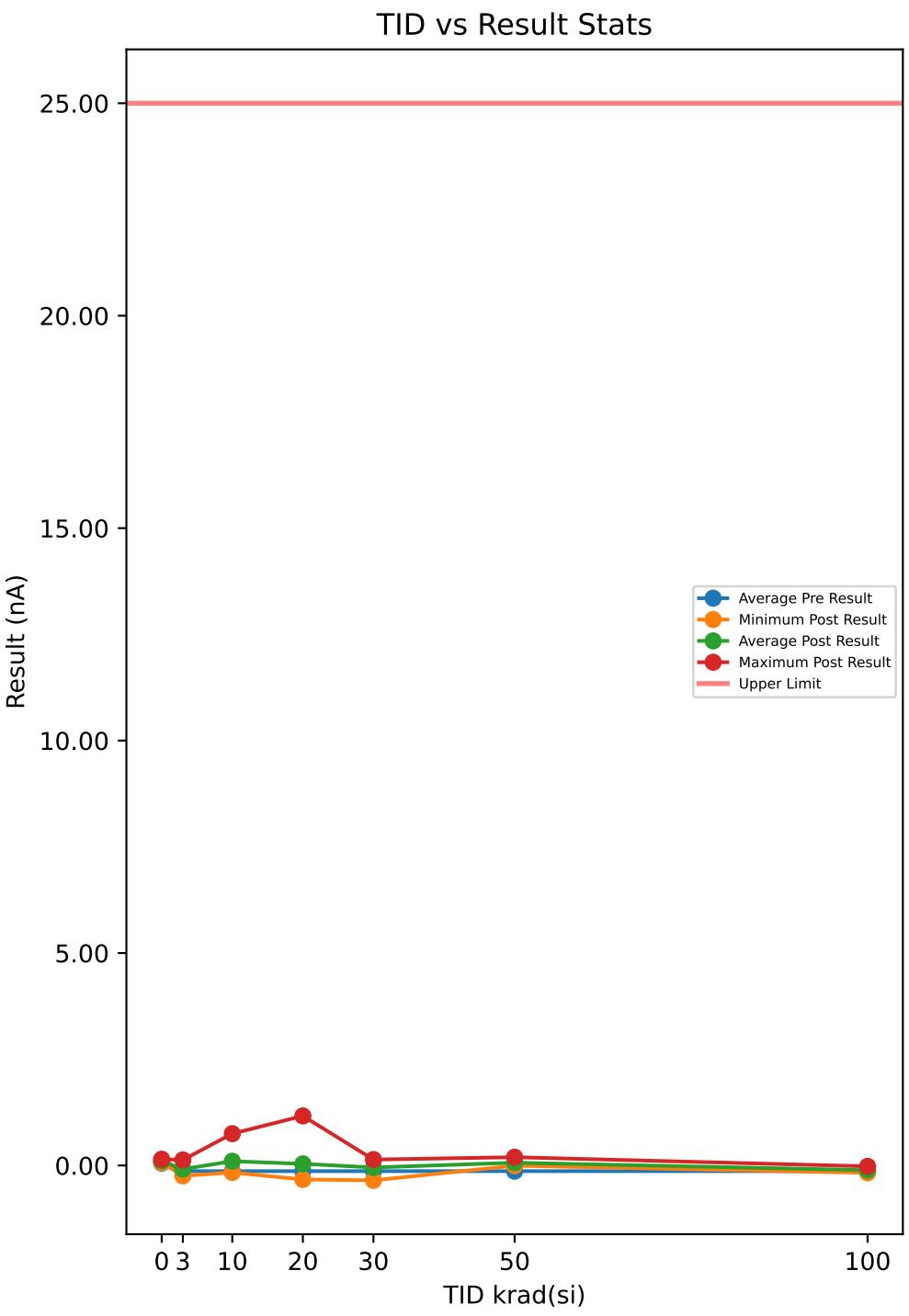
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0965	-0.0968	-0.0003
2	3	LDR BIAS	0.4867	-0.5028	-0.9895
3	3	LDR BIAS	-0.4925	0.4993	0.9918
4	3	LDR BIAS	0.8723	0.8767	0.0044
5	3	LDR BIAS	0.2158	0.2004	-0.0154
6	3	LDR UNBIAS	0.5278	0.5115	-0.0163
7	3	LDR UNBIAS	0.4976	0.4709	-0.0267
8	3	LDR UNBIAS	0.6812	0.6725	-0.0087
9	3	LDR UNBIAS	0.4165	0.3902	-0.0263
10	3	LDR UNBIAS	0.4497	0.4573	0.0076
11	0	CORRELATION	-0.0103	-0.0288	-0.0185
12	0	CORRELATION	0.7329	0.7245	-0.0084
13	0	CORRELATION	1.2104	1.1975	-0.0129
14	0	CORRELATION	-0.0541	-0.0349	0.0192
21	10	LDR BIAS	-0.0965	-0.0847	0.0118
22	10	LDR BIAS	0.4867	0.5149	0.0282
23	10	LDR BIAS	-0.4925	-0.4994	-0.0069
24	10	LDR BIAS	0.8723	0.9042	0.0319
25	10	LDR BIAS	0.2158	0.2255	0.0097
26	10	LDR UNBIAS	0.5278	0.5379	0.0101
27	10	LDR UNBIAS	0.4976	0.4987	0.0011
28	10	LDR UNBIAS	0.6812	0.6669	-0.0143
29	10	LDR UNBIAS	0.4165	0.3705	-0.046
30	10	LDR UNBIAS	0.4497	0.4484	-0.0013
31	20	LDR BIAS	-0.0965	-0.0523	0.0442
32	20	LDR BIAS	0.4867	0.5141	0.0274
33	20	LDR BIAS	-0.4925	-0.5044	-0.0119
34	20	LDR BIAS	0.8723	0.8791	0.0068
35	20	LDR BIAS	0.2158	0.2276	0.0118
36	20	LDR UNBIAS	0.5278	0.5136	-0.0142
37	20	LDR UNBIAS	0.4976	0.4921	-0.0055
38	20	LDR UNBIAS	0.6812	0.6714	-0.0098
39	20	LDR UNBIAS	0.4165	0.3937	-0.0228
40	20	LDR UNBIAS	0.4497	0.4763	0.0266
41	30	LDR BIAS	-0.0965	-0.0784	0.0181
42	30	LDR BIAS	0.4867	0.517	0.0303
43	30	LDR BIAS	-0.4925	-0.4912	0.0013
44	30	LDR BIAS	0.8723	0.9038	0.0315
45	30	LDR BIAS	0.2158	0.2115	-0.0043
46	30	LDR UNBIAS	0.5278	0.5172	-0.0106
47	30	LDR UNBIAS	0.4976	0.4855	-0.0121
48	30	LDR UNBIAS	0.6812	0.6892	0.008
49	30	LDR UNBIAS	0.4165	0.3955	-0.021
50	30	LDR UNBIAS	0.4497	0.4829	0.0332
51	50	LDR BIAS	-0.0965	-0.0983	-0.0018
52	50	LDR BIAS	0.4867	0.4698	-0.0169
53	50	LDR BIAS	-0.4925	-0.5119	-0.0194
54	50	LDR BIAS	0.8723	0.8894	0.0171
55	50	LDR BIAS	0.2158	0.1838	-0.032
56	50	LDR UNBIAS	0.5278	0.5173	-0.0105
57	50	LDR UNBIAS	0.4976	0.4657	-0.0319
58	50	LDR UNBIAS	0.6812	0.6814	0.0002
59	50	LDR UNBIAS	0.4165	0.3719	-0.0446
60	50	LDR UNBIAS	0.4497	0.4642	0.0145
61	100	LDR BIAS	-0.0965	0.0014	0.0979
62	100	LDR BIAS	0.4867	0.519	0.0323
63	100	LDR BIAS	-0.4925	-0.4433	0.0492
64	100	LDR BIAS	0.8723	0.9331	0.0608
65	100	LDR BIAS	0.2158	0.2228	0.007
66	100	LDR UNBIAS	0.5278	0.5525	0.0247
67	100	LDR UNBIAS	0.4976	0.4815	-0.0161
68	100	LDR UNBIAS	0.6812	0.689	0.0078
69	100	LDR UNBIAS	0.4165	0.4762	0.0597
70	100	LDR UNBIAS	0.4497	0.5705	0.1208

Test Statistics (mV)

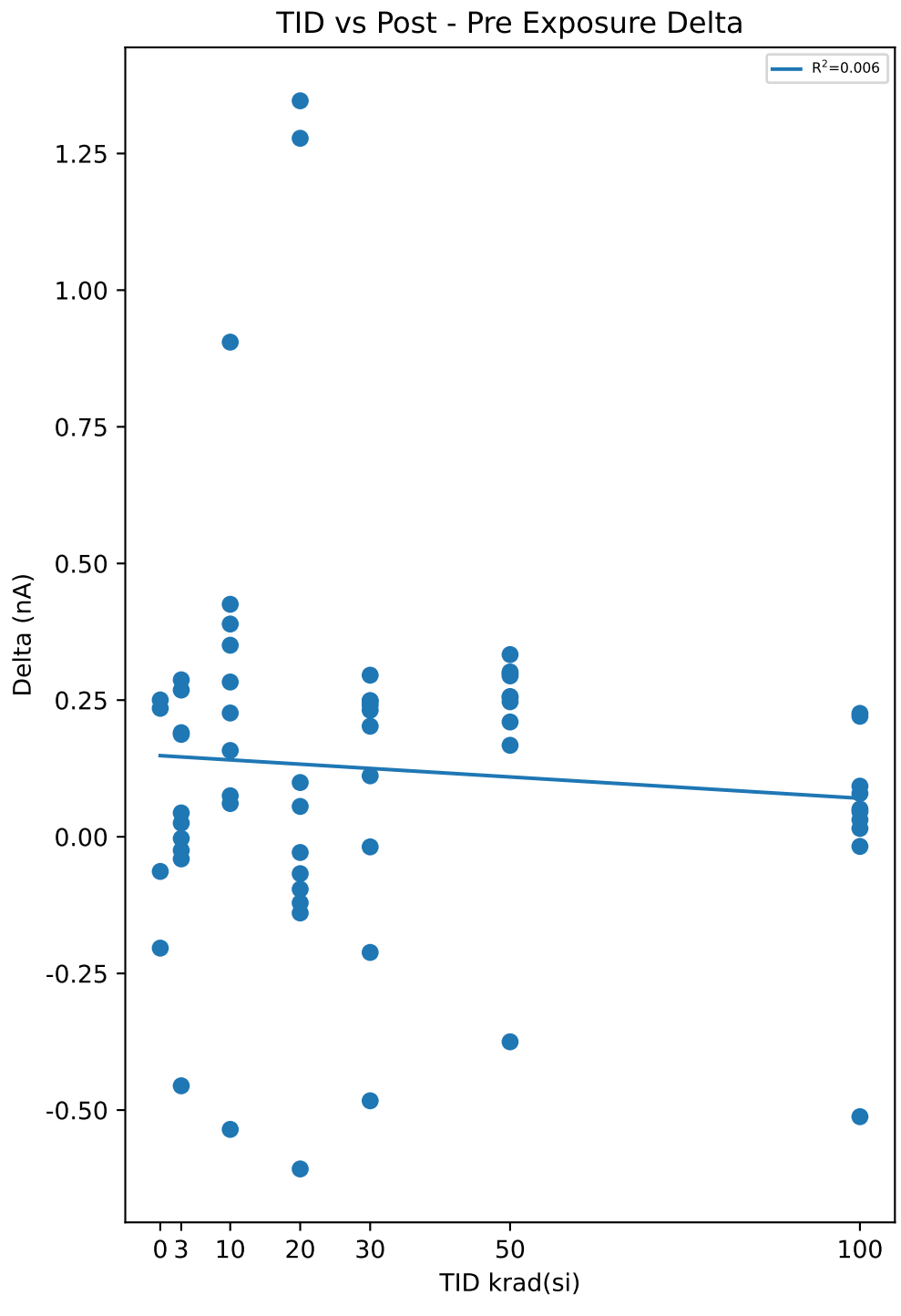
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0541	0.46972	1.2104	0.61174	-0.0349	0.46458	1.1975	0.60488	-0.0185	-0.00515	0.0192	0.016751
3	-0.4925	0.35586	0.8723	0.39381	-0.5028	0.34792	0.8767	0.39536	-0.9895	-0.00794	0.9918	0.46717
10	-0.4925	0.35586	0.8723	0.39381	-0.4994	0.35829	0.9042	0.39826	-0.046	0.00243	0.0319	0.022261
20	-0.4925	0.35586	0.8723	0.39381	-0.5044	0.36112	0.8791	0.39166	-0.0228	0.00526	0.0442	0.021884
30	-0.4925	0.35586	0.8723	0.39381	-0.4912	0.3633	0.9038	0.39781	-0.021	0.00744	0.0332	0.019918
50	-0.4925	0.35586	0.8723	0.39381	-0.5119	0.34333	0.8894	0.40015	-0.0446	-0.01253	0.0171	0.020382
100	-0.4925	0.35586	0.8723	0.39381	-0.4433	0.40027	0.9331	0.38702	-0.0161	0.04441	0.1208	0.042372

Device Test: 19.4 CURRENT|EA//4.5/4.5/0/0/4.5/500kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

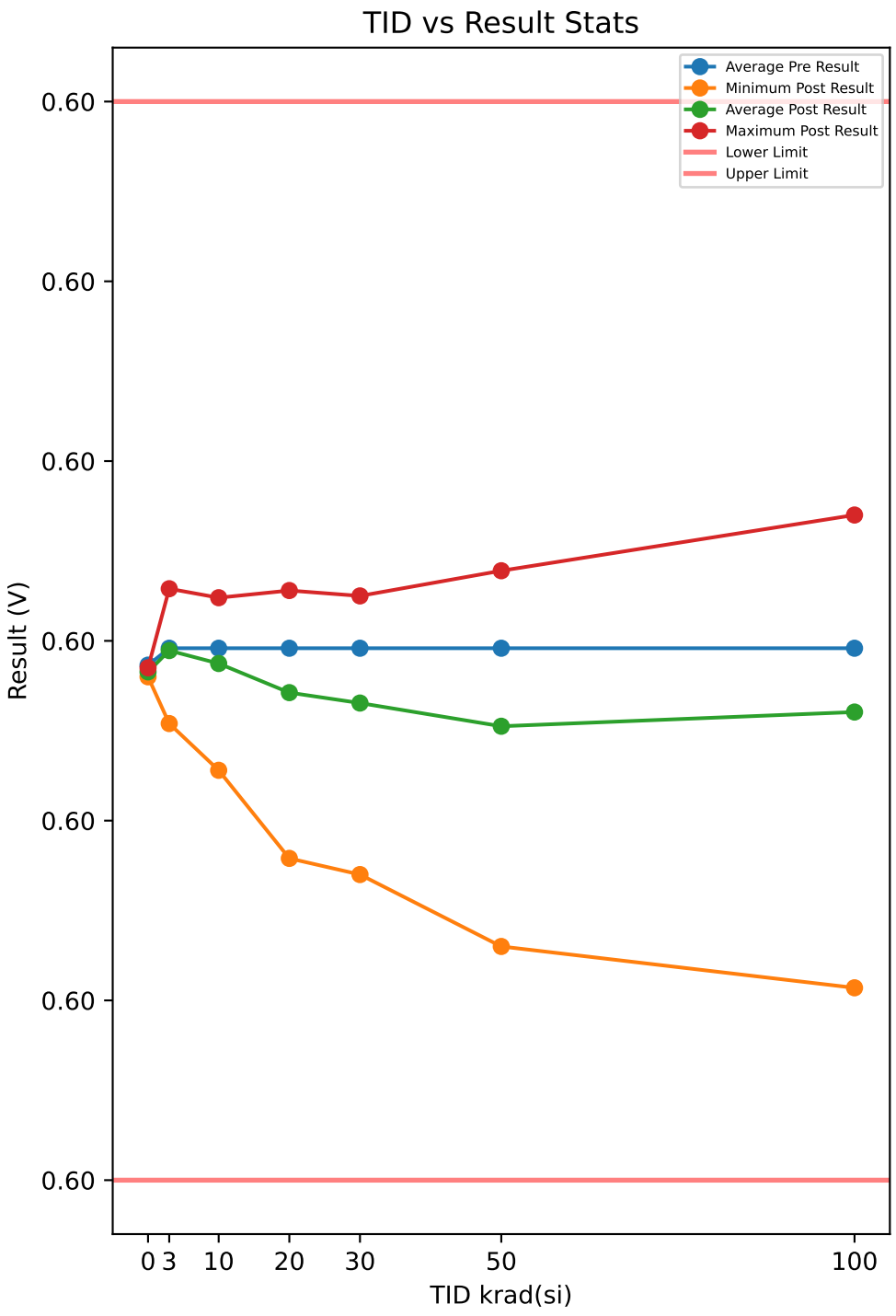
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.1384	0.13	0.2684
2	3	LDR BIAS	-0.2002	-0.1752	0.025
3	3	LDR BIAS	-0.1774	0.1097	0.2871
4	3	LDR BIAS	-0.1801	-0.1365	0.0436
5	3	LDR BIAS	-0.1946	-0.0073	0.1873
6	3	LDR UNBIAS	-0.2408	-0.2439	-0.0031
7	3	LDR UNBIAS	-0.2617	-0.0713	0.1904
8	3	LDR UNBIAS	-0.1552	-0.1957	-0.0405
9	3	LDR UNBIAS	0.3703	-0.0853	-0.4556
10	3	LDR UNBIAS	-0.1565	-0.1814	-0.0249
11	0	CORRELATION	0.3282	0.1245	-0.2037
12	0	CORRELATION	-0.1365	0.0985	0.235
13	0	CORRELATION	0.1331	0.0697	-0.0634
14	0	CORRELATION	-0.1034	0.1469	0.2503
21	10	LDR BIAS	-0.1384	-0.0634	0.075
22	10	LDR BIAS	-0.2002	0.0829	0.2831
23	10	LDR BIAS	-0.1774	0.049	0.2264
24	10	LDR BIAS	-0.1801	0.2452	0.4253
25	10	LDR BIAS	-0.1946	-0.1338	0.0608
26	10	LDR UNBIAS	-0.2408	0.1484	0.3892
27	10	LDR UNBIAS	-0.2617	-0.1039	0.1578
28	10	LDR UNBIAS	-0.1552	0.1952	0.3504
29	10	LDR UNBIAS	0.3703	-0.165	-0.5353
30	10	LDR UNBIAS	-0.1565	0.7484	0.9049
31	20	LDR BIAS	-0.1384	-0.2343	-0.0959
32	20	LDR BIAS	-0.2002	-0.1447	0.0555
33	20	LDR BIAS	-0.1774	-0.3168	-0.1394
34	20	LDR BIAS	-0.1801	1.1663	1.3464
35	20	LDR BIAS	-0.1946	-0.3154	-0.1208
36	20	LDR UNBIAS	-0.2408	-0.1416	0.0992
37	20	LDR UNBIAS	-0.2617	-0.3292	-0.0675
38	20	LDR UNBIAS	-0.1552	1.1226	1.2778
39	20	LDR UNBIAS	0.3703	-0.2374	-0.6077
40	20	LDR UNBIAS	-0.1565	-0.1853	-0.0288
41	30	LDR BIAS	-0.1384	-0.35	-0.2116
42	30	LDR BIAS	-0.2002	-0.0887	0.1115
43	30	LDR BIAS	-0.1774	-0.1959	-0.0185
44	30	LDR BIAS	-0.1801	0.0688	0.2489
45	30	LDR BIAS	-0.1946	0.0465	0.2411
46	30	LDR UNBIAS	-0.2408	0.008	0.2488
47	30	LDR UNBIAS	-0.2617	-0.0302	0.2315
48	30	LDR UNBIAS	-0.1552	0.047	0.2022
49	30	LDR UNBIAS	0.3703	-0.1127	-0.483
50	30	LDR UNBIAS	-0.1565	0.1391	0.2956
51	50	LDR BIAS	-0.1384	0.1949	0.3333
52	50	LDR BIAS	-0.2002	0.1013	0.3015
53	50	LDR BIAS	-0.1774	0.0326	0.21
54	50	LDR BIAS	-0.1801	0.0669	0.247
55	50	LDR BIAS	-0.1946	0.0607	0.2553
56	50	LDR UNBIAS	-0.2408	0.0576	0.2984
57	50	LDR UNBIAS	-0.2617	0.0326	0.2943
58	50	LDR UNBIAS	-0.1552	0.1013	0.2565
59	50	LDR UNBIAS	0.3703	-0.0048	-0.3751
60	50	LDR UNBIAS	-0.1565	0.0108	0.1673
61	100	LDR BIAS	-0.1384	-0.1231	0.0153
62	100	LDR BIAS	-0.2002	-0.1076	0.0926
63	100	LDR BIAS	-0.1774	-0.0982	0.0792
64	100	LDR BIAS	-0.1801	-0.1294	0.0507
65	100	LDR BIAS	-0.1946	-0.1636	0.031
66	100	LDR UNBIAS	-0.2408	-0.0204	0.2204
67	100	LDR UNBIAS	-0.2617	-0.036	0.2257
68	100	LDR UNBIAS	-0.1552	-0.1729	-0.0177
69	100	LDR UNBIAS	0.3703	-0.1418	-0.5121
70	100	LDR UNBIAS	-0.1565	-0.1107	0.0458

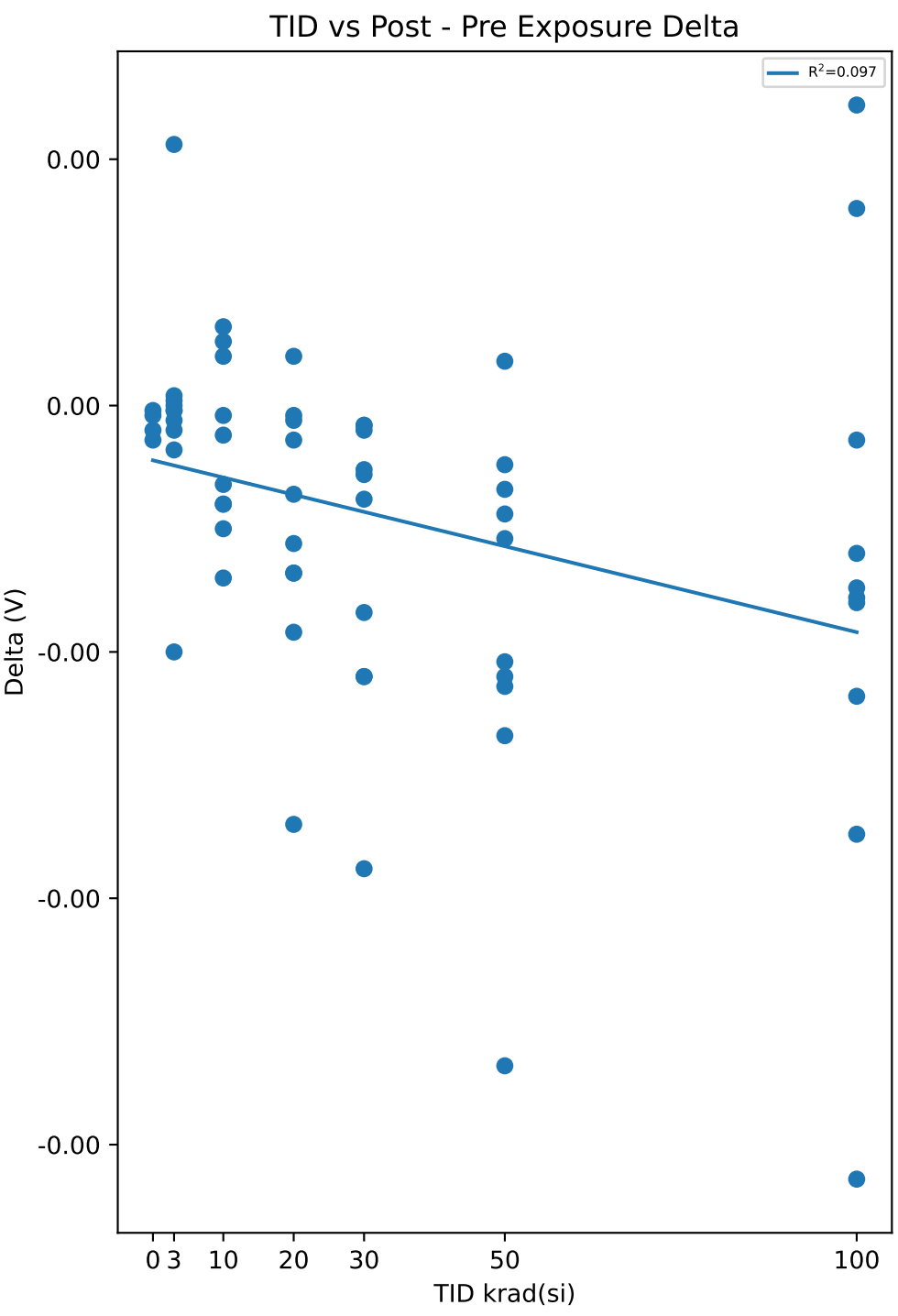


Test Statistics (nA)

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	-0.1365	0.05535	0.3282	0.21795	0.0697	0.1099	0.1469	0.033307	-0.2037	0.05455	0.2503	0.22471
3	-0.2617	-0.13346	0.3703	0.18107	-0.2439	-0.08569	0.13	0.12821	-0.4556	0.04777	0.2871	0.21482
10	-0.2617	-0.13346	0.3703	0.18107	-0.165	0.1003	0.7484	0.26853	-0.5353	0.23376	0.9049	0.36205
20	-0.2617	-0.13346	0.3703	0.18107	-0.3292	0.03842	1.1663	0.58694	-0.6077	0.17188	1.3464	0.63078
30	-0.2617	-0.13346	0.3703	0.18107	-0.35	-0.04681	0.1391	0.1449	-0.483	0.08665	0.2956	0.25377
50	-0.2617	-0.13346	0.3703	0.18107	-0.0048	0.06539	0.1949	0.057246	-0.3751	0.19885	0.3333	0.20736
100	-0.2617	-0.13346	0.3703	0.18107	-0.1729	-0.11037	-0.0204	0.049483	-0.5121	0.02309	0.2257	0.20479

Device Test: 19.40 VOLTAGE|VREF//5/5/0/0/5/500kHz//@VREF_25C





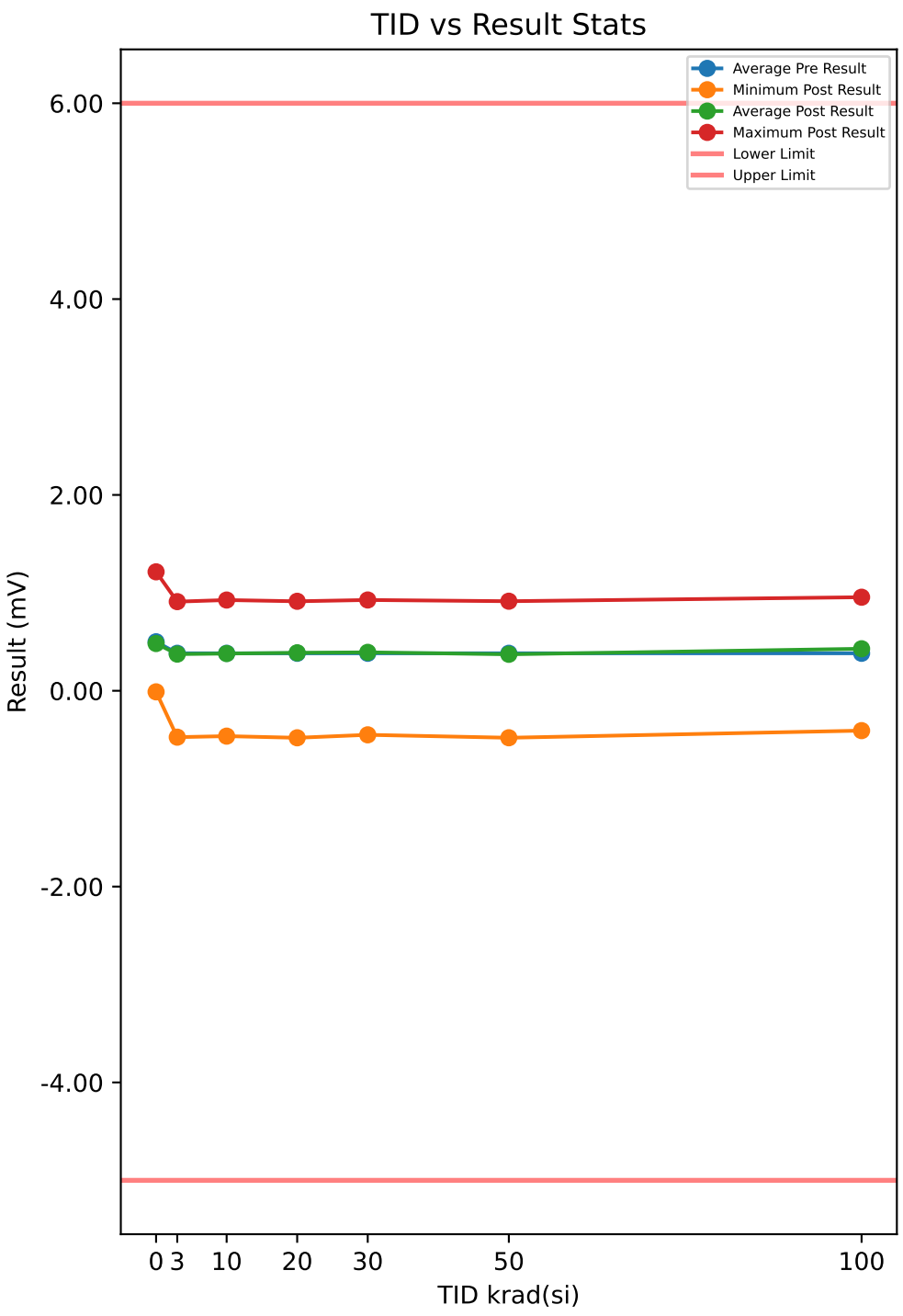
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59996	0.59998	2e-05
2	3	LDR BIAS	0.60008	0.59958	-0.0005
3	3	LDR BIAS	0.59964	0.60017	0.00053
4	3	LDR BIAS	0.59963	0.59954	-9e-05
5	3	LDR BIAS	0.60024	0.60023	-1e-05
6	3	LDR UNBIAS	0.6003	0.60029	-1e-05
7	3	LDR UNBIAS	0.59998	0.59993	-5e-05
8	3	LDR UNBIAS	0.59986	0.59986	0
9	3	LDR UNBIAS	0.59982	0.59979	-3e-05
10	3	LDR UNBIAS	0.60008	0.60009	1e-05
11	0	CORRELATION	0.59987	0.5998	-7e-05
12	0	CORRELATION	0.59988	0.59983	-5e-05
13	0	CORRELATION	0.59984	0.59983	-1e-05
14	0	CORRELATION	0.59987	0.59985	-2e-05
21	10	LDR BIAS	0.59996	0.60006	0.0001
22	10	LDR BIAS	0.60008	0.60006	-2e-05
23	10	LDR BIAS	0.59964	0.5998	0.00016
24	10	LDR BIAS	0.59963	0.59928	-0.00035
25	10	LDR BIAS	0.60024	0.59999	-0.00025
26	10	LDR UNBIAS	0.6003	0.60024	-6e-05
27	10	LDR UNBIAS	0.59998	0.59978	-0.0002
28	10	LDR UNBIAS	0.59986	0.59966	-0.0002
29	10	LDR UNBIAS	0.59982	0.59995	0.00013
30	10	LDR UNBIAS	0.60008	0.59992	-0.00016
31	20	LDR BIAS	0.59996	0.60006	0.0001
32	20	LDR BIAS	0.60008	0.60001	-7e-05
33	20	LDR BIAS	0.59964	0.59879	-0.00085
34	20	LDR BIAS	0.59963	0.59917	-0.00046
35	20	LDR BIAS	0.60024	0.5999	-0.00034
36	20	LDR UNBIAS	0.6003	0.60028	-2e-05
37	20	LDR UNBIAS	0.59998	0.5997	-0.00028
38	20	LDR UNBIAS	0.59986	0.59952	-0.00034
39	20	LDR UNBIAS	0.59982	0.59979	-3e-05
40	20	LDR UNBIAS	0.60008	0.5999	-0.00018
41	30	LDR BIAS	0.59996	0.59983	-0.00013
42	30	LDR BIAS	0.60008	0.60004	-4e-05
43	30	LDR BIAS	0.59964	0.5987	-0.00094
44	30	LDR BIAS	0.59963	0.59908	-0.00055
45	30	LDR BIAS	0.60024	0.59982	-0.00042
46	30	LDR UNBIAS	0.6003	0.60025	-5e-05
47	30	LDR UNBIAS	0.59998	0.59984	-0.00014
48	30	LDR UNBIAS	0.59986	0.59931	-0.00055
49	30	LDR UNBIAS	0.59982	0.59978	-4e-05
50	30	LDR UNBIAS	0.60008	0.59989	-0.00019
51	50	LDR BIAS	0.59996	0.59974	-0.00022
52	50	LDR BIAS	0.60008	0.59991	-0.00017
53	50	LDR BIAS	0.59964	0.5983	-0.00134
54	50	LDR BIAS	0.59963	0.59896	-0.00067
55	50	LDR BIAS	0.60024	0.59967	-0.00057
56	50	LDR UNBIAS	0.6003	0.60039	9e-05
57	50	LDR UNBIAS	0.59998	0.59946	-0.00052
58	50	LDR UNBIAS	0.59986	0.59931	-0.00055
59	50	LDR UNBIAS	0.59982	0.59955	-0.00027
60	50	LDR UNBIAS	0.60008	0.59996	-0.00012
61	100	LDR BIAS	0.59996	0.59989	-7e-05
62	100	LDR BIAS	0.60008	0.59971	-0.00037
63	100	LDR BIAS	0.59964	0.59807	-0.00157
64	100	LDR BIAS	0.59963	0.59904	-0.00059
65	100	LDR BIAS	0.60024	0.59937	-0.00087
66	100	LDR UNBIAS	0.6003	0.6007	0.0004
67	100	LDR UNBIAS	0.59998	0.59958	-0.0004
68	100	LDR UNBIAS	0.59986	0.59947	-0.00039
69	100	LDR UNBIAS	0.59982	0.59952	-0.0003
70	100	LDR UNBIAS	0.60008	0.60069	0.00061

Test Statistics (V)

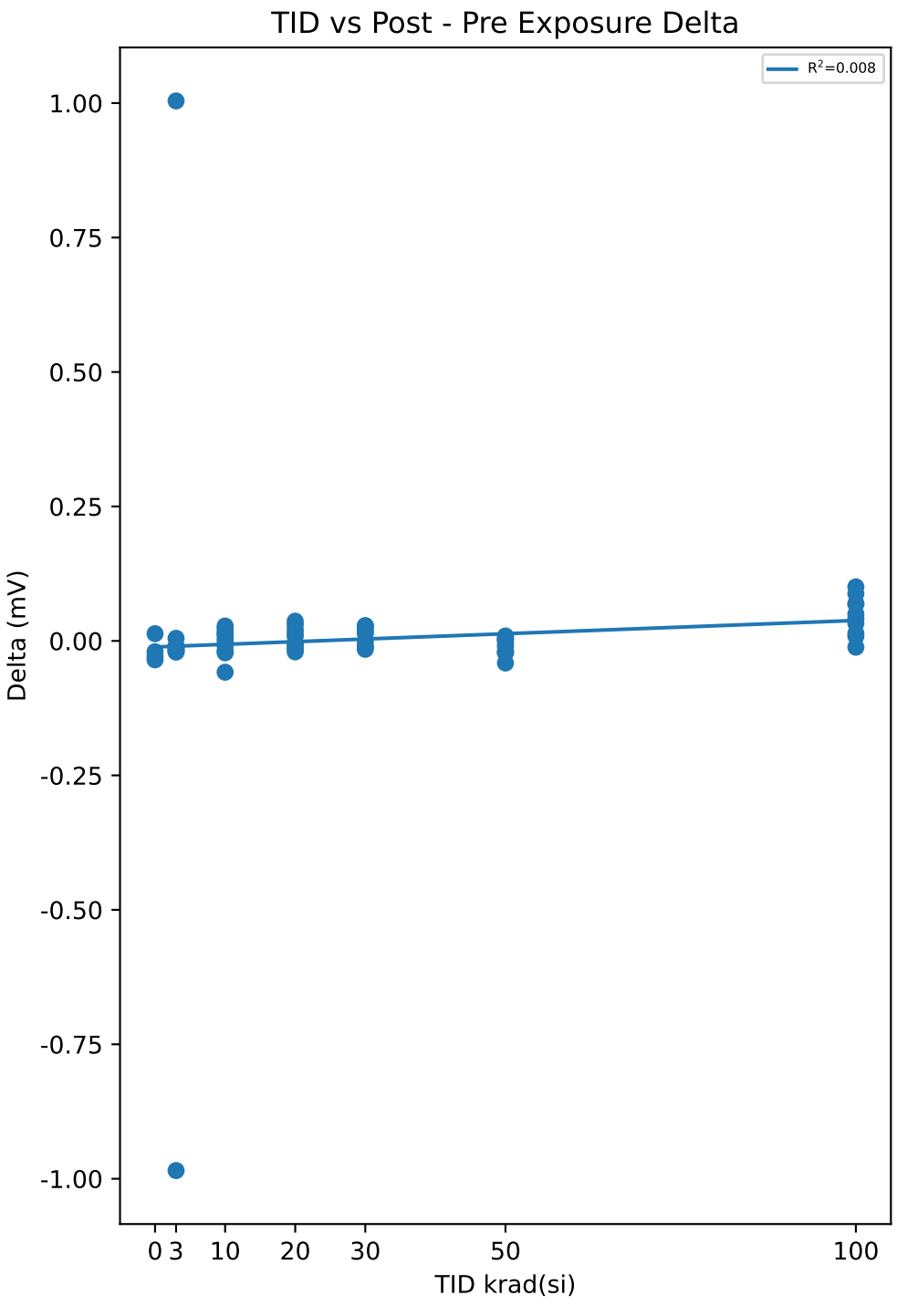
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59984	0.59986	0.59988	1.7321e-05	0.5998	0.59983	0.59985	2.0616e-05	-7e-05	-3.75e-05	-1e-05	2.7538e-05
3	0.59963	0.59996	0.6003	0.00022708	0.59954	0.59995	0.60029	0.00025859	-0.0005	-1.3e-05	0.00053	0.00024527
10	0.59963	0.59996	0.6003	0.00022708	0.59928	0.59987	0.60024	0.00026613	-0.00035	-8.5e-05	0.00016	0.00017475
20	0.59963	0.59996	0.6003	0.00022708	0.59879	0.59971	0.60028	0.00044599	-0.00085	-0.000247	0.0001	0.00027532
30	0.59963	0.59996	0.6003	0.00022708	0.5987	0.59965	0.60025	0.00047456	-0.00094	-0.000305	-4e-05	0.00030056
50	0.59963	0.59996	0.6003	0.00022708	0.5983	0.59953	0.60039	0.00057964	-0.00134	-0.000434	9e-05	0.00039881
100	0.59963	0.59996	0.6003	0.00022708	0.59807	0.5996	0.6007	0.00076196	-0.00157	-0.000355	0.00061	0.00061334

Device Test: 19.42 VOLTAGE|OFFSET//5/5/0/0/5/500kHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

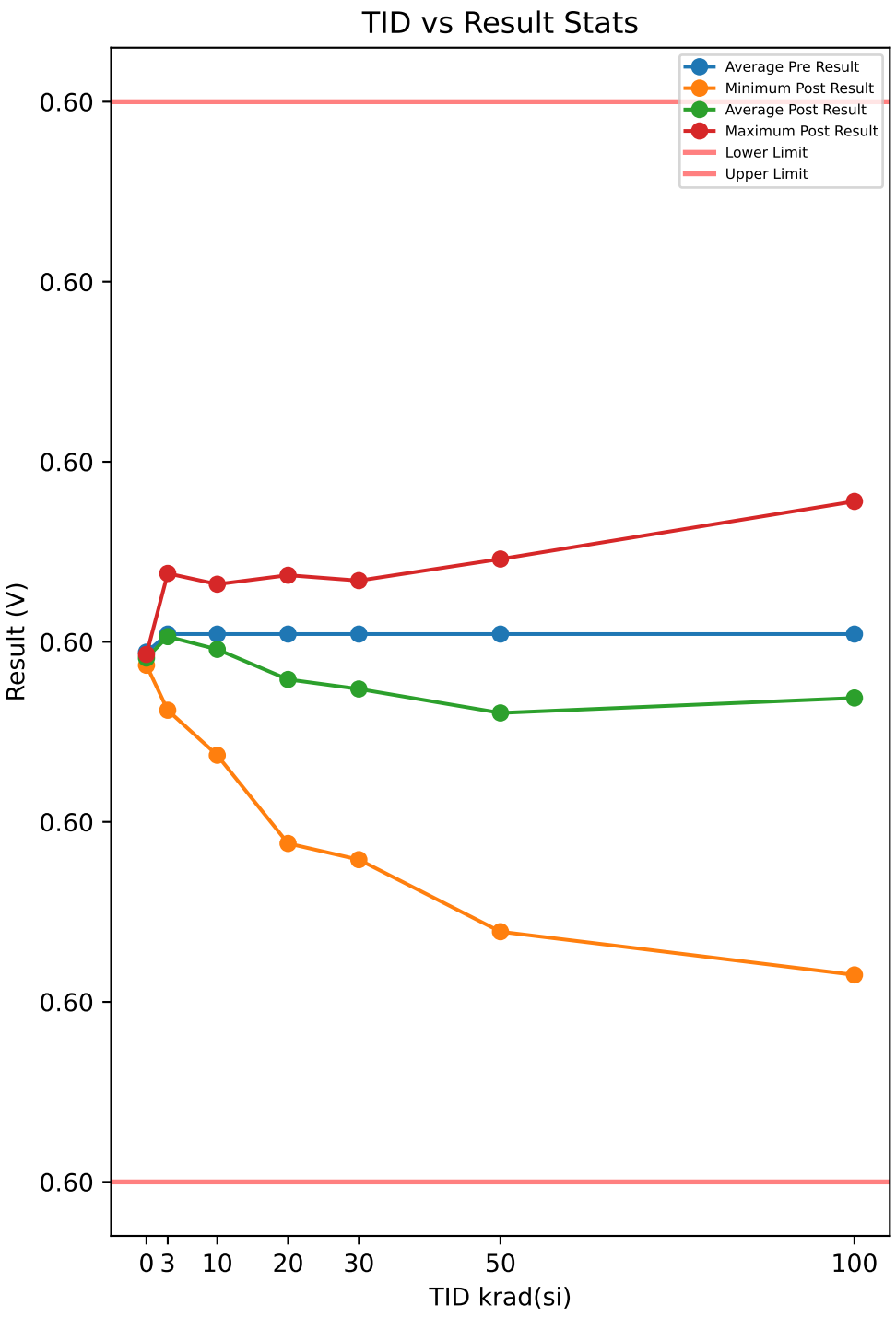
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0601	-0.0757	-0.0156
2	3	LDR BIAS	0.5108	-0.474	-0.9848
3	3	LDR BIAS	-0.4762	0.5278	1.004
4	3	LDR BIAS	0.9053	0.9102	0.0049
5	3	LDR BIAS	0.2381	0.229	-0.0091
6	3	LDR UNBIAS	0.5533	0.5331	-0.0202
7	3	LDR UNBIAS	0.5179	0.5007	-0.0172
8	3	LDR UNBIAS	0.7061	0.691	-0.0151
9	3	LDR UNBIAS	0.4439	0.4233	-0.0206
10	3	LDR UNBIAS	0.487	0.4774	-0.0096
11	0	CORRELATION	0.0278	-0.0016	-0.0294
12	0	CORRELATION	0.7629	0.7277	-0.0352
13	0	CORRELATION	1.2347	1.2146	-0.0201
14	0	CORRELATION	-0.0246	-0.0111	0.0135
21	10	LDR BIAS	-0.0601	-0.0543	0.0058
22	10	LDR BIAS	0.5108	0.5385	0.0277
23	10	LDR BIAS	-0.4762	-0.4634	0.0128
24	10	LDR BIAS	0.9053	0.9265	0.0212
25	10	LDR BIAS	0.2381	0.252	0.0139
26	10	LDR UNBIAS	0.5533	0.5526	-0.0007
27	10	LDR UNBIAS	0.5179	0.5091	-0.0088
28	10	LDR UNBIAS	0.7061	0.684	-0.0221
29	10	LDR UNBIAS	0.4439	0.3857	-0.0582
30	10	LDR UNBIAS	0.487	0.4688	-0.0182
31	20	LDR BIAS	-0.0601	-0.03	0.0301
32	20	LDR BIAS	0.5108	0.5475	0.0367
33	20	LDR BIAS	-0.4762	-0.4803	-0.0041
34	20	LDR BIAS	0.9053	0.9137	0.0084
35	20	LDR BIAS	0.2381	0.2595	0.0214
36	20	LDR UNBIAS	0.5533	0.5329	-0.0204
37	20	LDR UNBIAS	0.5179	0.5113	-0.0066
38	20	LDR UNBIAS	0.7061	0.6929	-0.0132
39	20	LDR UNBIAS	0.4439	0.4286	-0.0153
40	20	LDR UNBIAS	0.487	0.5014	0.0144
41	30	LDR BIAS	-0.0601	-0.0319	0.0282
42	30	LDR BIAS	0.5108	0.539	0.0282
43	30	LDR BIAS	-0.4762	-0.45	0.0262
44	30	LDR BIAS	0.9053	0.927	0.0217
45	30	LDR BIAS	0.2381	0.2287	-0.0094
46	30	LDR UNBIAS	0.5533	0.5417	-0.0116
47	30	LDR UNBIAS	0.5179	0.5164	-0.0015
48	30	LDR UNBIAS	0.7061	0.7197	0.0136
49	30	LDR UNBIAS	0.4439	0.4283	-0.0156
50	30	LDR UNBIAS	0.487	0.5039	0.0169
51	50	LDR BIAS	-0.0601	-0.0705	-0.0104
52	50	LDR BIAS	0.5108	0.4909	-0.0199
53	50	LDR BIAS	-0.4762	-0.48	-0.0038
54	50	LDR BIAS	0.9053	0.9145	0.0092
55	50	LDR BIAS	0.2381	0.2162	-0.0219
56	50	LDR UNBIAS	0.5533	0.5544	0.0011
57	50	LDR UNBIAS	0.5179	0.4961	-0.0218
58	50	LDR UNBIAS	0.7061	0.7103	0.0042
59	50	LDR UNBIAS	0.4439	0.4028	-0.0411
60	50	LDR UNBIAS	0.487	0.4897	0.0027
61	100	LDR BIAS	-0.0601	0.0276	0.0877
62	100	LDR BIAS	0.5108	0.5529	0.0421
63	100	LDR BIAS	-0.4762	-0.4072	0.069
64	100	LDR BIAS	0.9053	0.9553	0.05
65	100	LDR BIAS	0.2381	0.2466	0.0085
66	100	LDR UNBIAS	0.5533	0.586	0.0327
67	100	LDR UNBIAS	0.5179	0.5062	-0.0117
68	100	LDR UNBIAS	0.7061	0.7202	0.0141
69	100	LDR UNBIAS	0.4439	0.5129	0.069
70	100	LDR UNBIAS	0.487	0.5875	0.1005



Test Statistics (mV)

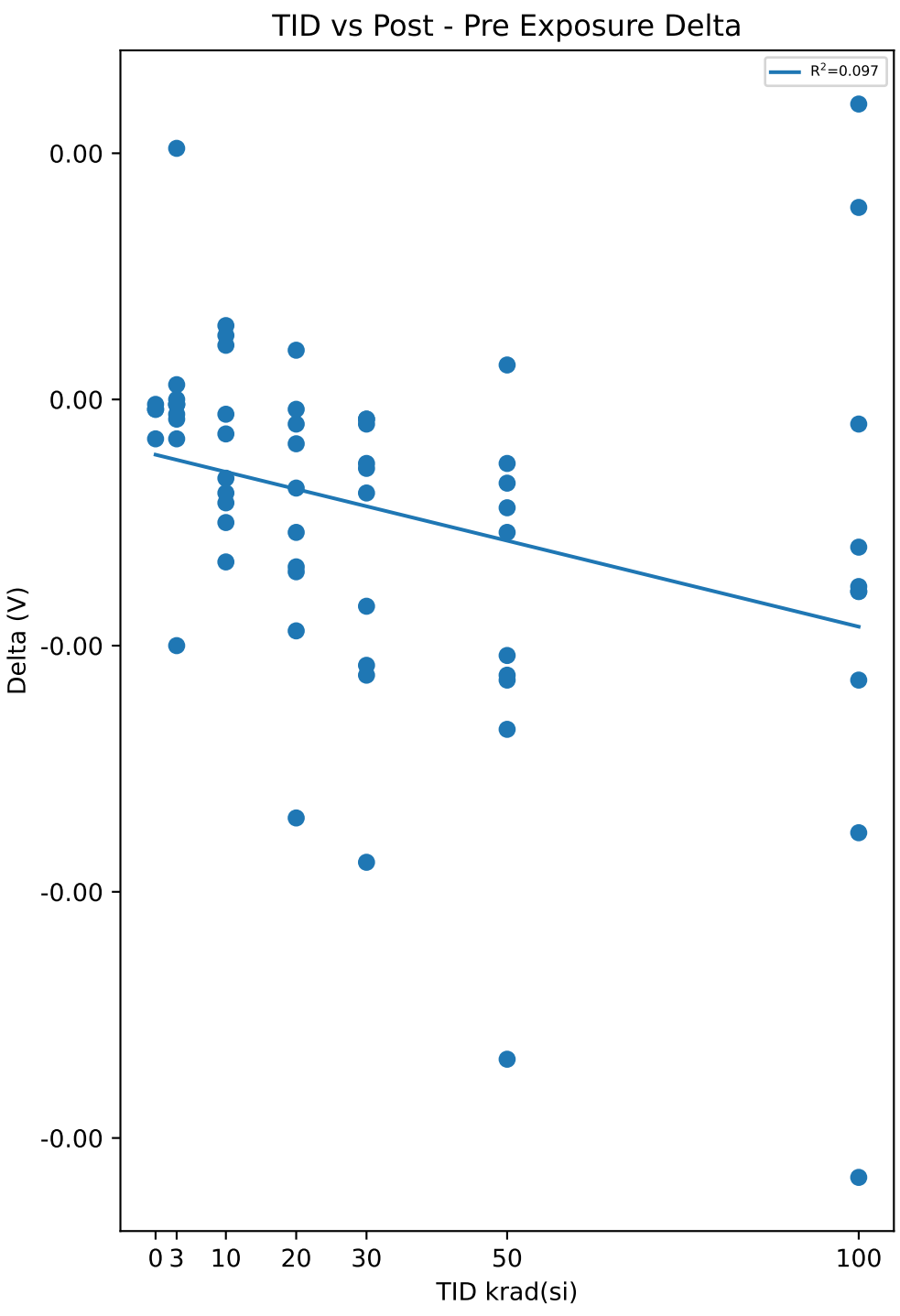
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0246	0.5002	1.2347	0.60748	-0.0111	0.4824	1.2146	0.59836	-0.0352	-0.0178	0.0135	0.021774
3	-0.4762	0.38261	0.9053	0.39592	-0.474	0.37428	0.9102	0.3956	-0.9848	-0.00833	1.004	0.46892
10	-0.4762	0.38261	0.9053	0.39592	-0.4634	0.37995	0.9265	0.39256	-0.0582	-0.00266	0.0277	0.025433
20	-0.4762	0.38261	0.9053	0.39592	-0.4803	0.38775	0.9137	0.39309	-0.0204	0.00514	0.0367	0.020026
30	-0.4762	0.38261	0.9053	0.39592	-0.45	0.39228	0.927	0.3919	-0.0156	0.00967	0.0282	0.017486
50	-0.4762	0.38261	0.9053	0.39592	-0.48	0.37244	0.9145	0.39894	-0.0411	-0.01017	0.0092	0.015773
100	-0.4762	0.38261	0.9053	0.39592	-0.4072	0.4288	0.9553	0.38493	-0.0117	0.04619	0.1005	0.036099

Device Test: 19.43 VOLTAGE|VREF//12/12/0/0/5/500kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

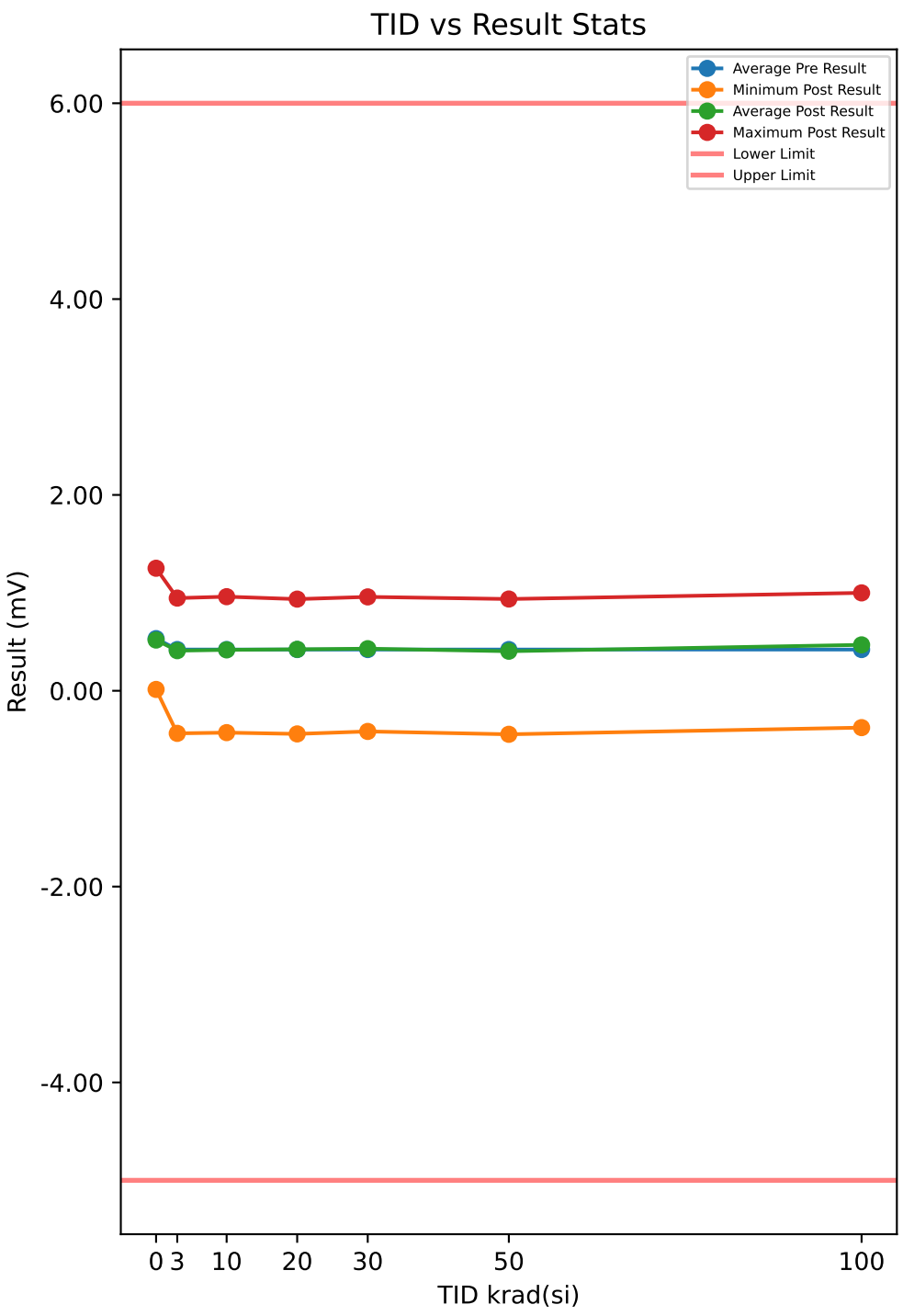
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60003	0.60006	3e-05
2	3	LDR BIAS	0.60017	0.59967	-0.0005
3	3	LDR BIAS	0.59973	0.60024	0.00051
4	3	LDR BIAS	0.5997	0.59962	-8e-05
5	3	LDR BIAS	0.60033	0.60032	-1e-05
6	3	LDR UNBIAS	0.60039	0.60038	-1e-05
7	3	LDR UNBIAS	0.60005	0.60001	-4e-05
8	3	LDR UNBIAS	0.59995	0.59994	-1e-05
9	3	LDR UNBIAS	0.59991	0.59988	-3e-05
10	3	LDR UNBIAS	0.60017	0.60017	0
11	0	CORRELATION	0.59995	0.59987	-8e-05
12	0	CORRELATION	0.59995	0.59993	-2e-05
13	0	CORRELATION	0.59992	0.59991	-1e-05
14	0	CORRELATION	0.59995	0.59993	-2e-05
21	10	LDR BIAS	0.60003	0.60014	0.00011
22	10	LDR BIAS	0.60017	0.60014	-3e-05
23	10	LDR BIAS	0.59973	0.59988	0.00015
24	10	LDR BIAS	0.5997	0.59937	-0.00033
25	10	LDR BIAS	0.60033	0.60008	-0.00025
26	10	LDR UNBIAS	0.60039	0.60032	-7e-05
27	10	LDR UNBIAS	0.60005	0.59986	-0.00019
28	10	LDR UNBIAS	0.59995	0.59974	-0.00021
29	10	LDR UNBIAS	0.59991	0.60004	0.00013
30	10	LDR UNBIAS	0.60017	0.60001	-0.00016
31	20	LDR BIAS	0.60003	0.60013	0.0001
32	20	LDR BIAS	0.60017	0.60008	-9e-05
33	20	LDR BIAS	0.59973	0.59888	-0.00085
34	20	LDR BIAS	0.5997	0.59923	-0.00047
35	20	LDR BIAS	0.60033	0.59998	-0.00035
36	20	LDR UNBIAS	0.60039	0.60037	-2e-05
37	20	LDR UNBIAS	0.60005	0.59978	-0.00027
38	20	LDR UNBIAS	0.59995	0.59961	-0.00034
39	20	LDR UNBIAS	0.59991	0.59986	-5e-05
40	20	LDR UNBIAS	0.60017	0.59999	-0.00018
41	30	LDR BIAS	0.60003	0.5999	-0.00013
42	30	LDR BIAS	0.60017	0.60013	-4e-05
43	30	LDR BIAS	0.59973	0.59879	-0.00094
44	30	LDR BIAS	0.5997	0.59916	-0.00054
45	30	LDR BIAS	0.60033	0.59991	-0.00042
46	30	LDR UNBIAS	0.60039	0.60034	-5e-05
47	30	LDR UNBIAS	0.60005	0.59991	-0.00014
48	30	LDR UNBIAS	0.59995	0.59939	-0.00056
49	30	LDR UNBIAS	0.59991	0.59987	-4e-05
50	30	LDR UNBIAS	0.60017	0.59998	-0.00019
51	50	LDR BIAS	0.60003	0.59981	-0.00022
52	50	LDR BIAS	0.60017	0.6	-0.00017
53	50	LDR BIAS	0.59973	0.59839	-0.00134
54	50	LDR BIAS	0.5997	0.59903	-0.00067
55	50	LDR BIAS	0.60033	0.59976	-0.00057
56	50	LDR UNBIAS	0.60039	0.60046	7e-05
57	50	LDR UNBIAS	0.60005	0.59953	-0.00052
58	50	LDR UNBIAS	0.59995	0.59939	-0.00056
59	50	LDR UNBIAS	0.59991	0.59964	-0.00027
60	50	LDR UNBIAS	0.60017	0.60004	-0.00013
61	100	LDR BIAS	0.60003	0.59998	-5e-05
62	100	LDR BIAS	0.60017	0.59978	-0.00039
63	100	LDR BIAS	0.59973	0.59815	-0.00158
64	100	LDR BIAS	0.5997	0.59913	-0.00057
65	100	LDR BIAS	0.60033	0.59945	-0.00088
66	100	LDR UNBIAS	0.60039	0.60078	0.00039
67	100	LDR UNBIAS	0.60005	0.59967	-0.00038
68	100	LDR UNBIAS	0.59995	0.59956	-0.00039
69	100	LDR UNBIAS	0.59991	0.59961	-0.0003
70	100	LDR UNBIAS	0.60017	0.60077	0.0006

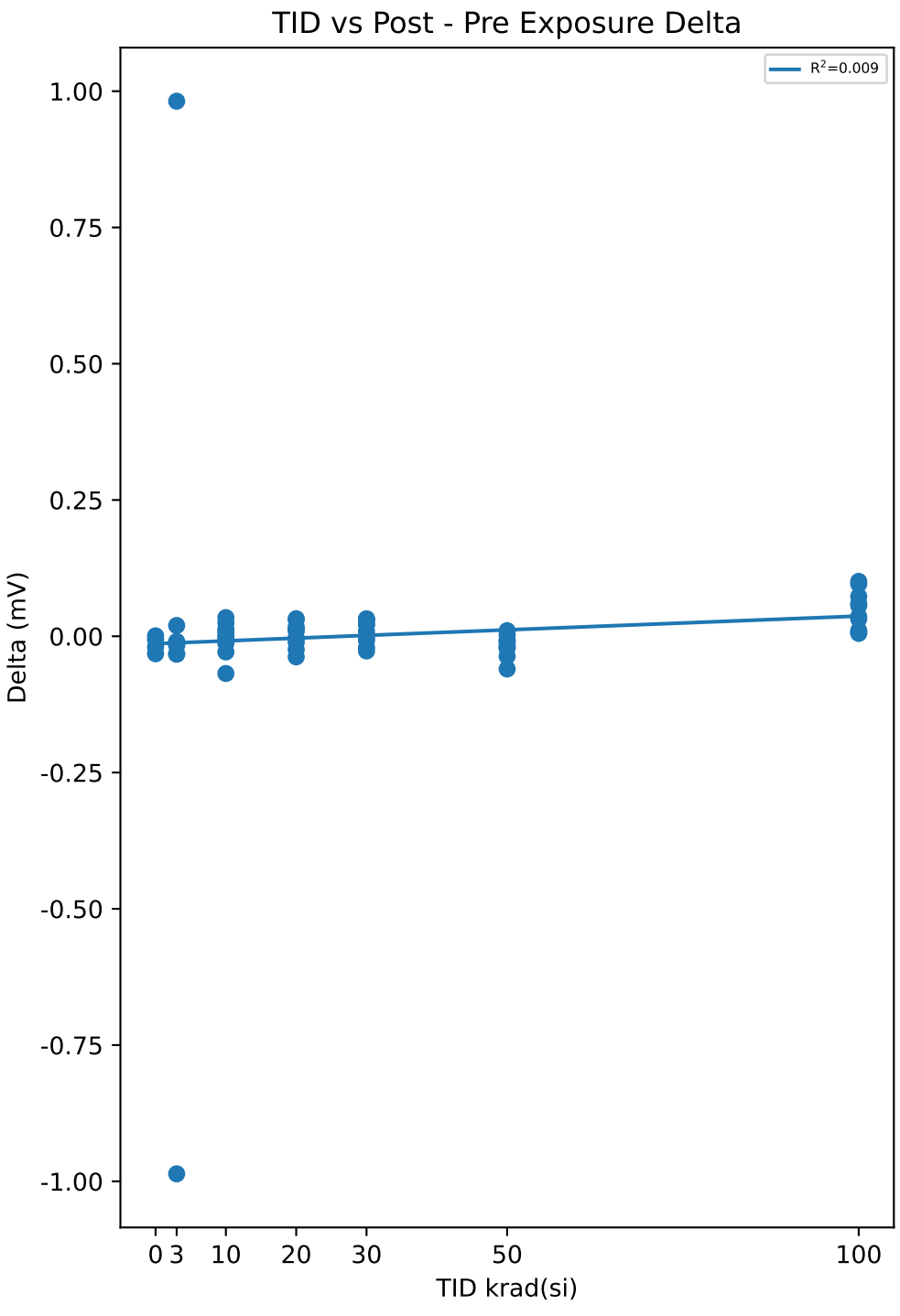


Test Statistics (V)

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	0.59992	0.59994	0.59995	1.5e-05	0.59987	0.59991	0.59993	2.8284e-05	-8e-05	-3.25e-05	-1e-05	3.2016e-05
3	0.5997	0.60004	0.60039	0.00023027	0.59962	0.60003	0.60038	0.00025818	-0.0005	-1.4e-05	0.00051	0.00023996
10	0.5997	0.60004	0.60039	0.00023027	0.59937	0.59996	0.60032	0.00026469	-0.00033	-8.5e-05	0.00015	0.0001707
20	0.5997	0.60004	0.60039	0.00023027	0.59888	0.59979	0.60037	0.00044613	-0.00085	-0.000252	0.0001	0.00027341
30	0.5997	0.60004	0.60039	0.00023027	0.59879	0.59974	0.60034	0.00047509	-0.00094	-0.000305	-4e-05	0.0003006
50	0.5997	0.60004	0.60039	0.00023027	0.59839	0.5996	0.60046	0.00057757	-0.00134	-0.000438	7e-05	0.00039538
100	0.5997	0.60004	0.60039	0.00023027	0.59815	0.59969	0.60078	0.00076108	-0.00158	-0.000355	0.0006	0.00061361

Device Test: 19.45 VOLTAGE|OFFSET//12/12/0/0/5/500kHz//@EA_OS





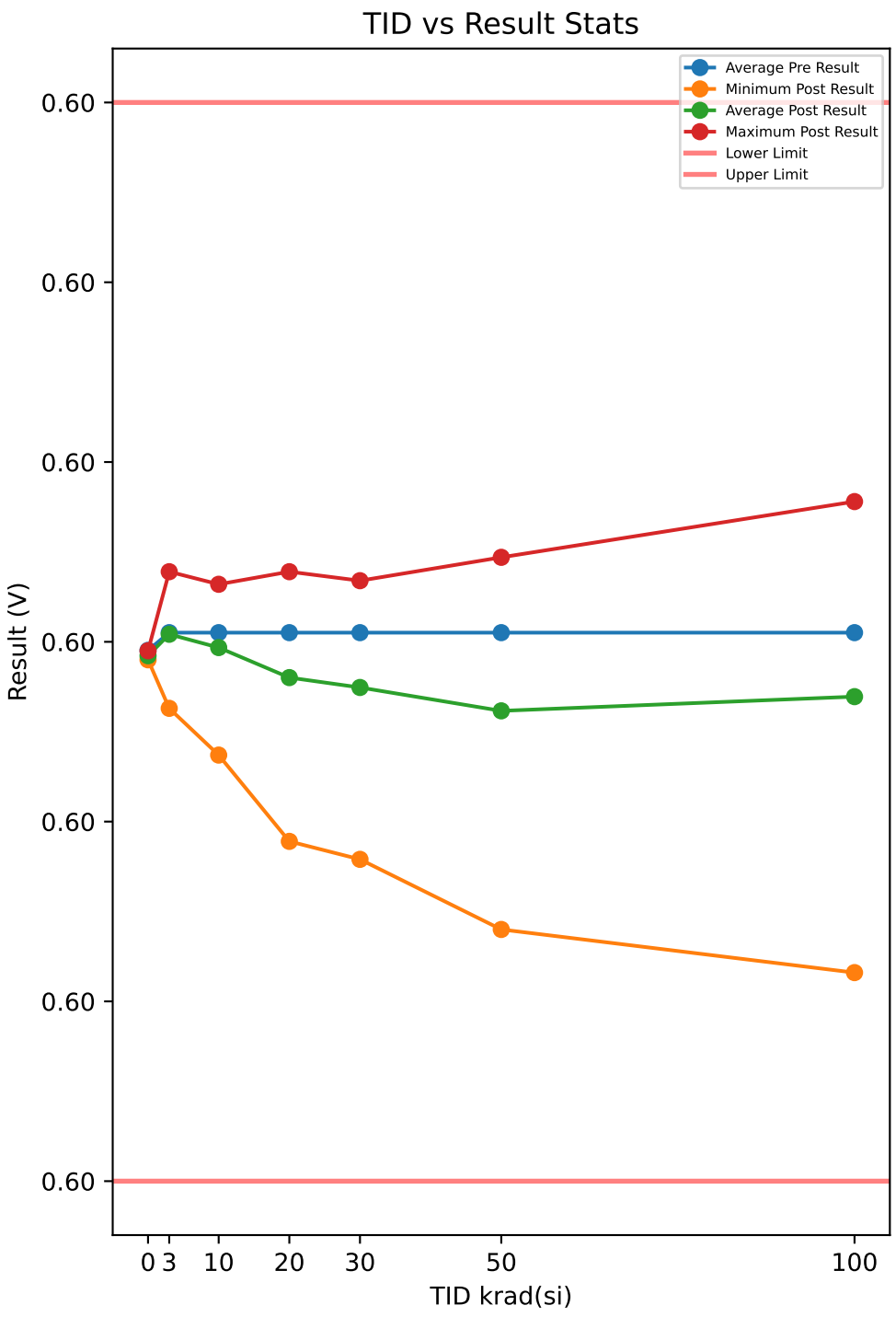
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0246	-0.0341	-0.0095
2	3	LDR BIAS	0.5511	-0.4351	-0.9862
3	3	LDR BIAS	-0.4368	0.5448	0.9816
4	3	LDR BIAS	0.9266	0.9463	0.0197
5	3	LDR BIAS	0.2854	0.2728	-0.0126
6	3	LDR UNBIAS	0.5914	0.5742	-0.0172
7	3	LDR UNBIAS	0.5539	0.5397	-0.0142
8	3	LDR UNBIAS	0.7488	0.7169	-0.0319
9	3	LDR UNBIAS	0.4915	0.4585	-0.033
10	3	LDR UNBIAS	0.5226	0.511	-0.0116
11	0	CORRELATION	0.0557	0.0236	-0.0321
12	0	CORRELATION	0.7899	0.7835	-0.0064
13	0	CORRELATION	1.2714	1.2512	-0.0202
14	0	CORRELATION	0.0128	0.0136	0.0008
21	10	LDR BIAS	-0.0246	-0.0117	0.0129
22	10	LDR BIAS	0.5511	0.5755	0.0244
23	10	LDR BIAS	-0.4368	-0.4276	0.0092
24	10	LDR BIAS	0.9266	0.9608	0.0342
25	10	LDR BIAS	0.2854	0.2885	0.0031
26	10	LDR UNBIAS	0.5914	0.5885	-0.0029
27	10	LDR UNBIAS	0.5539	0.5507	-0.0032
28	10	LDR UNBIAS	0.7488	0.72	-0.0288
29	10	LDR UNBIAS	0.4915	0.4232	-0.0683
30	10	LDR UNBIAS	0.5226	0.5098	-0.0128
31	20	LDR BIAS	-0.0246	0.0076	0.0322
32	20	LDR BIAS	0.5511	0.5816	0.0305
33	20	LDR BIAS	-0.4368	-0.4407	-0.0039
34	20	LDR BIAS	0.9266	0.9359	0.0093
35	20	LDR BIAS	0.2854	0.2986	0.0132
36	20	LDR UNBIAS	0.5914	0.5802	-0.0112
37	20	LDR UNBIAS	0.5539	0.5512	-0.0027
38	20	LDR UNBIAS	0.7488	0.7244	-0.0244
39	20	LDR UNBIAS	0.4915	0.4537	-0.0378
40	20	LDR UNBIAS	0.5226	0.5396	0.017
41	30	LDR BIAS	-0.0246	0.0046	0.0292
42	30	LDR BIAS	0.5511	0.5827	0.0316
43	30	LDR BIAS	-0.4368	-0.4155	0.0213
44	30	LDR BIAS	0.9266	0.9586	0.032
45	30	LDR BIAS	0.2854	0.2652	-0.0202
46	30	LDR UNBIAS	0.5914	0.584	-0.0074
47	30	LDR UNBIAS	0.5539	0.5505	-0.0034
48	30	LDR UNBIAS	0.7488	0.7576	0.0088
49	30	LDR UNBIAS	0.4915	0.4645	-0.027
50	30	LDR UNBIAS	0.5226	0.544	0.0214
51	50	LDR BIAS	-0.0246	-0.0433	-0.0187
52	50	LDR BIAS	0.5511	0.5318	-0.0193
53	50	LDR BIAS	-0.4368	-0.4446	-0.0078
54	50	LDR BIAS	0.9266	0.9369	0.0103
55	50	LDR BIAS	0.2854	0.263	-0.0224
56	50	LDR UNBIAS	0.5914	0.5837	-0.0077
57	50	LDR UNBIAS	0.5539	0.5173	-0.0366
58	50	LDR UNBIAS	0.7488	0.7381	-0.0107
59	50	LDR UNBIAS	0.4915	0.4315	-0.06
60	50	LDR UNBIAS	0.5226	0.5249	0.0023
61	100	LDR BIAS	-0.0246	0.0761	0.1007
62	100	LDR BIAS	0.5511	0.5828	0.0317
63	100	LDR BIAS	-0.4368	-0.3765	0.0603
64	100	LDR BIAS	0.9266	0.9996	0.073
65	100	LDR BIAS	0.2854	0.2921	0.0067
66	100	LDR UNBIAS	0.5914	0.6275	0.0361
67	100	LDR UNBIAS	0.5539	0.5645	0.0106
68	100	LDR UNBIAS	0.7488	0.7541	0.0053
69	100	LDR UNBIAS	0.4915	0.5477	0.0562
70	100	LDR UNBIAS	0.5226	0.6184	0.0958

Test Statistics (mV)

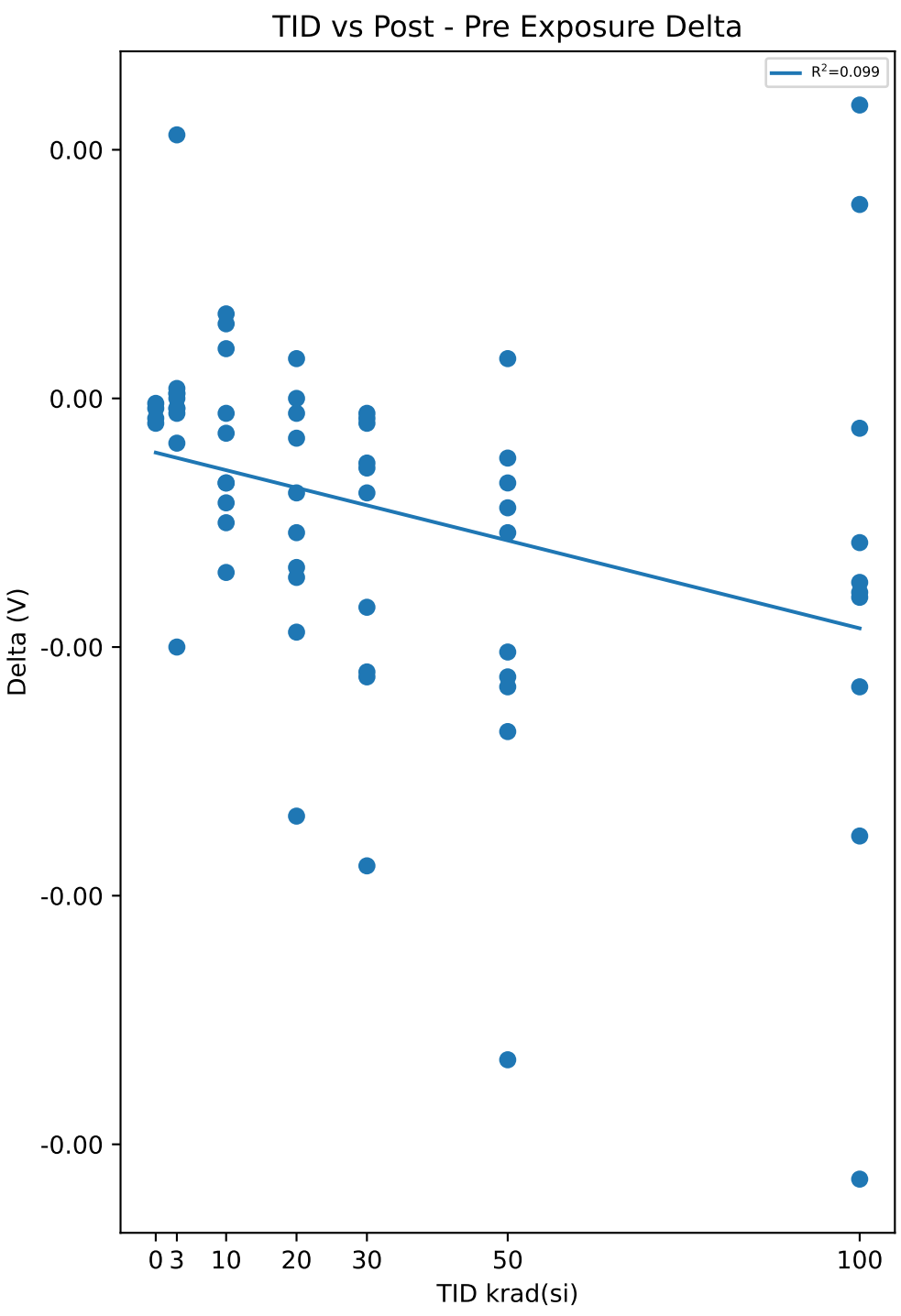
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.0128	0.53245	1.2714	0.60818	0.0136	0.51797	1.2512	0.60743	-0.0321	-0.014475	0.0008	0.014628
3	-0.4368	0.42099	0.9266	0.39367	-0.4351	0.4095	0.9463	0.39251	-0.9862	-0.01149	0.9816	0.46406
10	-0.4368	0.42099	0.9266	0.39367	-0.4276	0.41777	0.9608	0.39189	-0.0683	-0.00322	0.0342	0.029057
20	-0.4368	0.42099	0.9266	0.39367	-0.4407	0.42321	0.9359	0.38998	-0.0378	0.00222	0.0322	0.022705
30	-0.4368	0.42099	0.9266	0.39367	-0.4155	0.42962	0.9586	0.39235	-0.027	0.00863	0.032	0.021916
50	-0.4368	0.42099	0.9266	0.39367	-0.4446	0.40393	0.9369	0.39616	-0.06	-0.01706	0.0103	0.019997
100	-0.4368	0.42099	0.9266	0.39367	-0.3765	0.46863	0.9996	0.38573	0.0053	0.04764	0.1007	0.035339

Device Test: 19.46 VOLTAGE|VREF//14/14/0/0/5/500kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

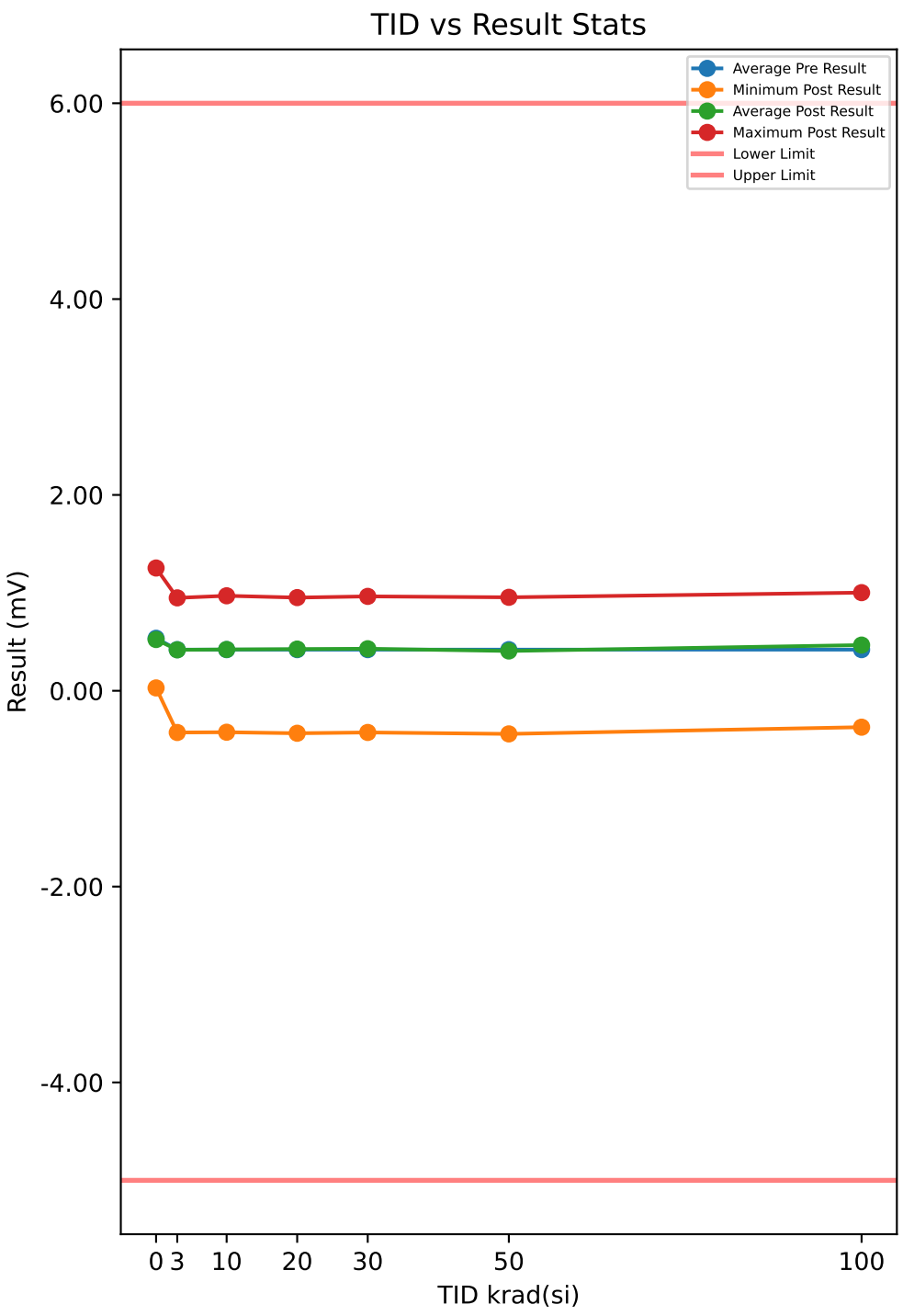
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60005	0.60007	2e-05
2	3	LDR BIAS	0.60018	0.59968	-0.0005
3	3	LDR BIAS	0.59973	0.60026	0.00053
4	3	LDR BIAS	0.59972	0.59963	-9e-05
5	3	LDR BIAS	0.60034	0.60032	-2e-05
6	3	LDR UNBIAS	0.60039	0.60039	0
7	3	LDR UNBIAS	0.60005	0.60002	-3e-05
8	3	LDR UNBIAS	0.59996	0.59997	1e-05
9	3	LDR UNBIAS	0.59991	0.59989	-2e-05
10	3	LDR UNBIAS	0.60018	0.60019	1e-05
11	0	CORRELATION	0.59995	0.5999	-5e-05
12	0	CORRELATION	0.59997	0.59993	-4e-05
13	0	CORRELATION	0.59993	0.59991	-2e-05
14	0	CORRELATION	0.59996	0.59995	-1e-05
21	10	LDR BIAS	0.60005	0.60015	0.0001
22	10	LDR BIAS	0.60018	0.60015	-3e-05
23	10	LDR BIAS	0.59973	0.5999	0.00017
24	10	LDR BIAS	0.59972	0.59937	-0.00035
25	10	LDR BIAS	0.60034	0.60009	-0.00025
26	10	LDR UNBIAS	0.60039	0.60032	-7e-05
27	10	LDR UNBIAS	0.60005	0.59988	-0.00017
28	10	LDR UNBIAS	0.59996	0.59975	-0.00021
29	10	LDR UNBIAS	0.59991	0.60006	0.00015
30	10	LDR UNBIAS	0.60018	0.60001	-0.00017
31	20	LDR BIAS	0.60005	0.60013	8e-05
32	20	LDR BIAS	0.60018	0.6001	-8e-05
33	20	LDR BIAS	0.59973	0.59889	-0.00084
34	20	LDR BIAS	0.59972	0.59925	-0.00047
35	20	LDR BIAS	0.60034	0.59998	-0.00036
36	20	LDR UNBIAS	0.60039	0.60039	0
37	20	LDR UNBIAS	0.60005	0.59978	-0.00027
38	20	LDR UNBIAS	0.59996	0.59962	-0.00034
39	20	LDR UNBIAS	0.59991	0.59988	-3e-05
40	20	LDR UNBIAS	0.60018	0.59999	-0.00019
41	30	LDR BIAS	0.60005	0.59991	-0.00014
42	30	LDR BIAS	0.60018	0.60015	-3e-05
43	30	LDR BIAS	0.59973	0.59879	-0.00094
44	30	LDR BIAS	0.59972	0.59917	-0.00055
45	30	LDR BIAS	0.60034	0.59992	-0.00042
46	30	LDR UNBIAS	0.60039	0.60034	-5e-05
47	30	LDR UNBIAS	0.60005	0.59992	-0.00013
48	30	LDR UNBIAS	0.59996	0.5994	-0.00056
49	30	LDR UNBIAS	0.59991	0.59987	-4e-05
50	30	LDR UNBIAS	0.60018	0.59999	-0.00019
51	50	LDR BIAS	0.60005	0.59983	-0.00022
52	50	LDR BIAS	0.60018	0.60001	-0.00017
53	50	LDR BIAS	0.59973	0.5984	-0.00133
54	50	LDR BIAS	0.59972	0.59905	-0.00067
55	50	LDR BIAS	0.60034	0.59976	-0.00058
56	50	LDR UNBIAS	0.60039	0.60047	8e-05
57	50	LDR UNBIAS	0.60005	0.59954	-0.00051
58	50	LDR UNBIAS	0.59996	0.5994	-0.00056
59	50	LDR UNBIAS	0.59991	0.59964	-0.00027
60	50	LDR UNBIAS	0.60018	0.60006	-0.00012
61	100	LDR BIAS	0.60005	0.59999	-6e-05
62	100	LDR BIAS	0.60018	0.59981	-0.00037
63	100	LDR BIAS	0.59973	0.59816	-0.00157
64	100	LDR BIAS	0.59972	0.59914	-0.00058
65	100	LDR BIAS	0.60034	0.59946	-0.00088
66	100	LDR UNBIAS	0.60039	0.60078	0.00039
67	100	LDR UNBIAS	0.60005	0.59966	-0.00039
68	100	LDR UNBIAS	0.59996	0.59956	-0.0004
69	100	LDR UNBIAS	0.59991	0.59962	-0.00029
70	100	LDR UNBIAS	0.60018	0.60077	0.00059

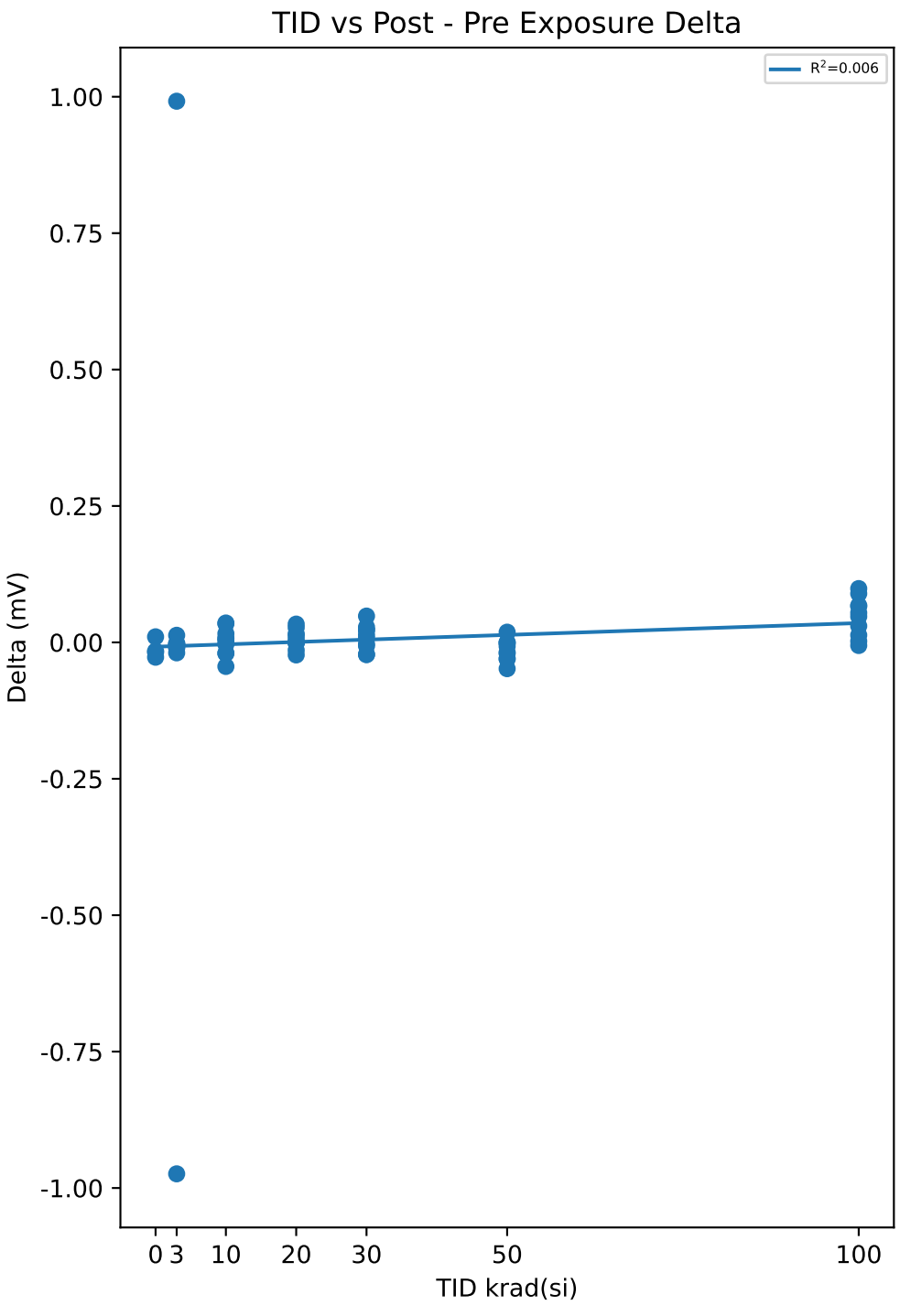


Test Statistics (V)

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	0.59993	0.59995	0.59997	1.7078e-05	0.5999	0.59992	0.59995	2.2174e-05	-5e-05	-3e-05	-1e-05	1.8257e-05
3	0.59972	0.60005	0.60039	0.00022913	0.59963	0.60004	0.60039	0.0002578	-0.0005	-9e-06	0.00053	0.00024506
10	0.59972	0.60005	0.60039	0.00022913	0.59937	0.59997	0.60032	0.00026515	-0.00035	-8.3e-05	0.00017	0.00017802
20	0.59972	0.60005	0.60039	0.00022913	0.59889	0.5998	0.60039	0.00044538	-0.00084	-0.00025	8e-05	0.00027272
30	0.59972	0.60005	0.60039	0.00022913	0.59879	0.59975	0.60034	0.00047654	-0.00094	-0.000305	-3e-05	0.00030248
50	0.59972	0.60005	0.60039	0.00022913	0.5984	0.59962	0.60047	0.00057737	-0.00133	-0.000435	8e-05	0.00039534
100	0.59972	0.60005	0.60039	0.00022913	0.59816	0.59969	0.60078	0.00075848	-0.00157	-0.000356	0.00059	0.00060967

Device Test: 19.48 VOLTAGE|OFFSET//14/14/0/0/5/500kHz//@EA_OS





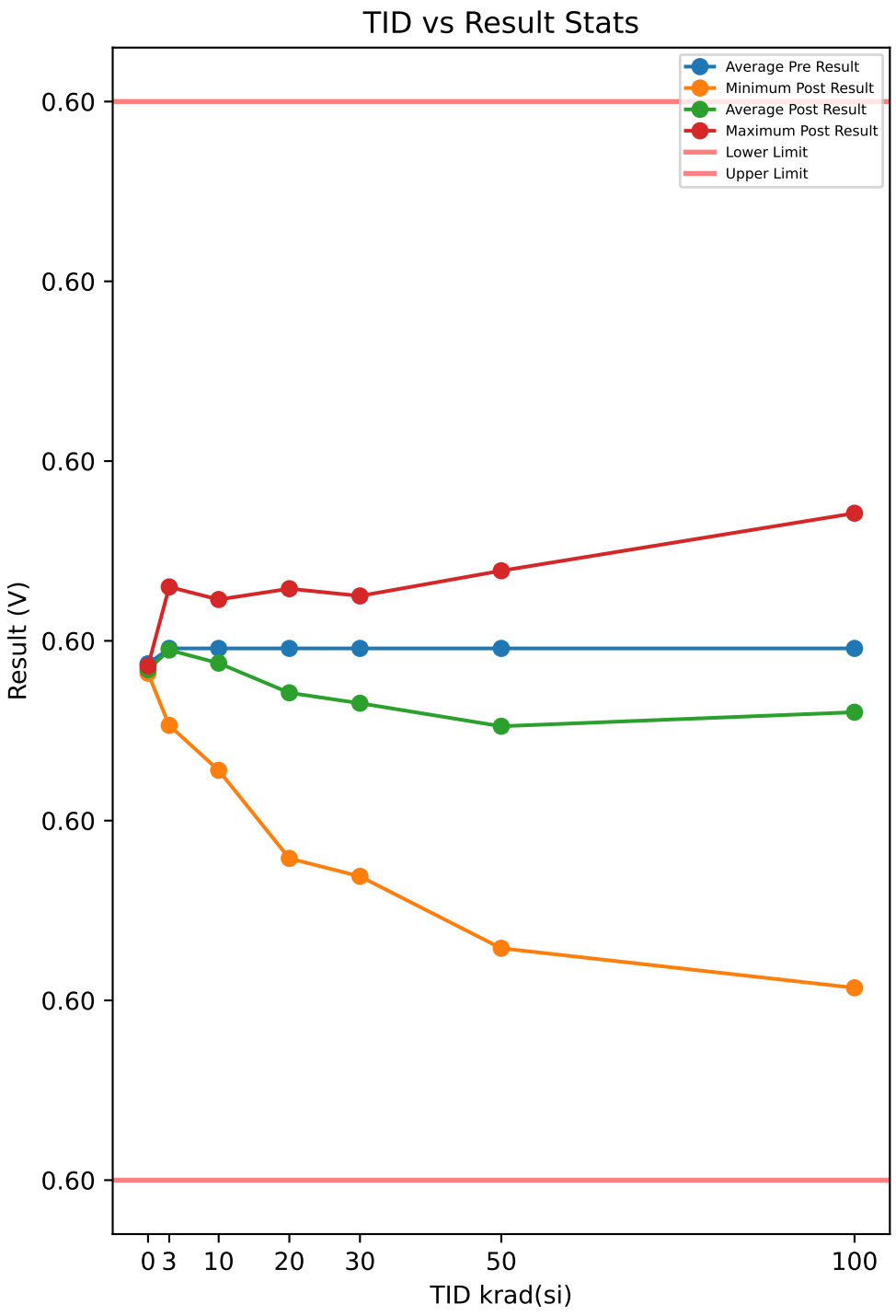
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0227	-0.028	-0.0053
2	3	LDR BIAS	0.5478	-0.4262	-0.974
3	3	LDR BIAS	-0.4396	0.5522	0.9918
4	3	LDR BIAS	0.9357	0.9487	0.013
5	3	LDR BIAS	0.282	0.2717	-0.0103
6	3	LDR UNBIAS	0.5887	0.586	-0.0027
7	3	LDR UNBIAS	0.549	0.5474	-0.0016
8	3	LDR UNBIAS	0.7457	0.7372	-0.0085
9	3	LDR UNBIAS	0.4863	0.4671	-0.0192
10	3	LDR UNBIAS	0.5277	0.5233	-0.0044
11	0	CORRELATION	0.0504	0.0344	-0.016
12	0	CORRELATION	0.803	0.7758	-0.0272
13	0	CORRELATION	1.2716	1.2536	-0.018
14	0	CORRELATION	0.0188	0.029	0.0102
21	10	LDR BIAS	-0.0227	-0.0161	0.0066
22	10	LDR BIAS	0.5478	0.5833	0.0355
23	10	LDR BIAS	-0.4396	-0.4235	0.0161
24	10	LDR BIAS	0.9357	0.9699	0.0342
25	10	LDR BIAS	0.282	0.29	0.008
26	10	LDR UNBIAS	0.5887	0.5852	-0.0035
27	10	LDR UNBIAS	0.549	0.5514	0.0024
28	10	LDR UNBIAS	0.7457	0.7258	-0.0199
29	10	LDR UNBIAS	0.4863	0.4422	-0.0441
30	10	LDR UNBIAS	0.5277	0.5076	-0.0201
31	20	LDR BIAS	-0.0227	0.0044	0.0271
32	20	LDR BIAS	0.5478	0.5813	0.0335
33	20	LDR BIAS	-0.4396	-0.434	0.0056
34	20	LDR BIAS	0.9357	0.9515	0.0158
35	20	LDR BIAS	0.282	0.2803	-0.0017
36	20	LDR UNBIAS	0.5887	0.5885	-0.0002
37	20	LDR UNBIAS	0.549	0.5489	-0.0001
38	20	LDR UNBIAS	0.7457	0.7313	-0.0144
39	20	LDR UNBIAS	0.4863	0.4633	-0.023
40	20	LDR UNBIAS	0.5277	0.5402	0.0125
41	30	LDR BIAS	-0.0227	0	0.0227
42	30	LDR BIAS	0.5478	0.596	0.0482
43	30	LDR BIAS	-0.4396	-0.4258	0.0138
44	30	LDR BIAS	0.9357	0.9638	0.0281
45	30	LDR BIAS	0.282	0.2599	-0.0221
46	30	LDR UNBIAS	0.5887	0.5822	-0.0065
47	30	LDR UNBIAS	0.549	0.5461	-0.0029
48	30	LDR UNBIAS	0.7457	0.7533	0.0076
49	30	LDR UNBIAS	0.4863	0.4639	-0.0224
50	30	LDR UNBIAS	0.5277	0.5504	0.0227
51	50	LDR BIAS	-0.0227	-0.0411	-0.0184
52	50	LDR BIAS	0.5478	0.5277	-0.0201
53	50	LDR BIAS	-0.4396	-0.4406	-0.001
54	50	LDR BIAS	0.9357	0.9544	0.0187
55	50	LDR BIAS	0.282	0.252	-0.03
56	50	LDR UNBIAS	0.5887	0.5817	-0.007
57	50	LDR UNBIAS	0.549	0.5187	-0.0303
58	50	LDR UNBIAS	0.7457	0.7445	-0.0012
59	50	LDR UNBIAS	0.4863	0.4381	-0.0482
60	50	LDR UNBIAS	0.5277	0.528	0.0003
61	100	LDR BIAS	-0.0227	0.0667	0.0894
62	100	LDR BIAS	0.5478	0.5952	0.0474
63	100	LDR BIAS	-0.4396	-0.372	0.0676
64	100	LDR BIAS	0.9357	1.002	0.0663
65	100	LDR BIAS	0.282	0.2953	0.0133
66	100	LDR UNBIAS	0.5887	0.6187	0.03
67	100	LDR UNBIAS	0.549	0.5433	-0.0057
68	100	LDR UNBIAS	0.7457	0.7478	0.0021
69	100	LDR UNBIAS	0.4863	0.5404	0.0541
70	100	LDR UNBIAS	0.5277	0.6263	0.0986

Test Statistics (mV)

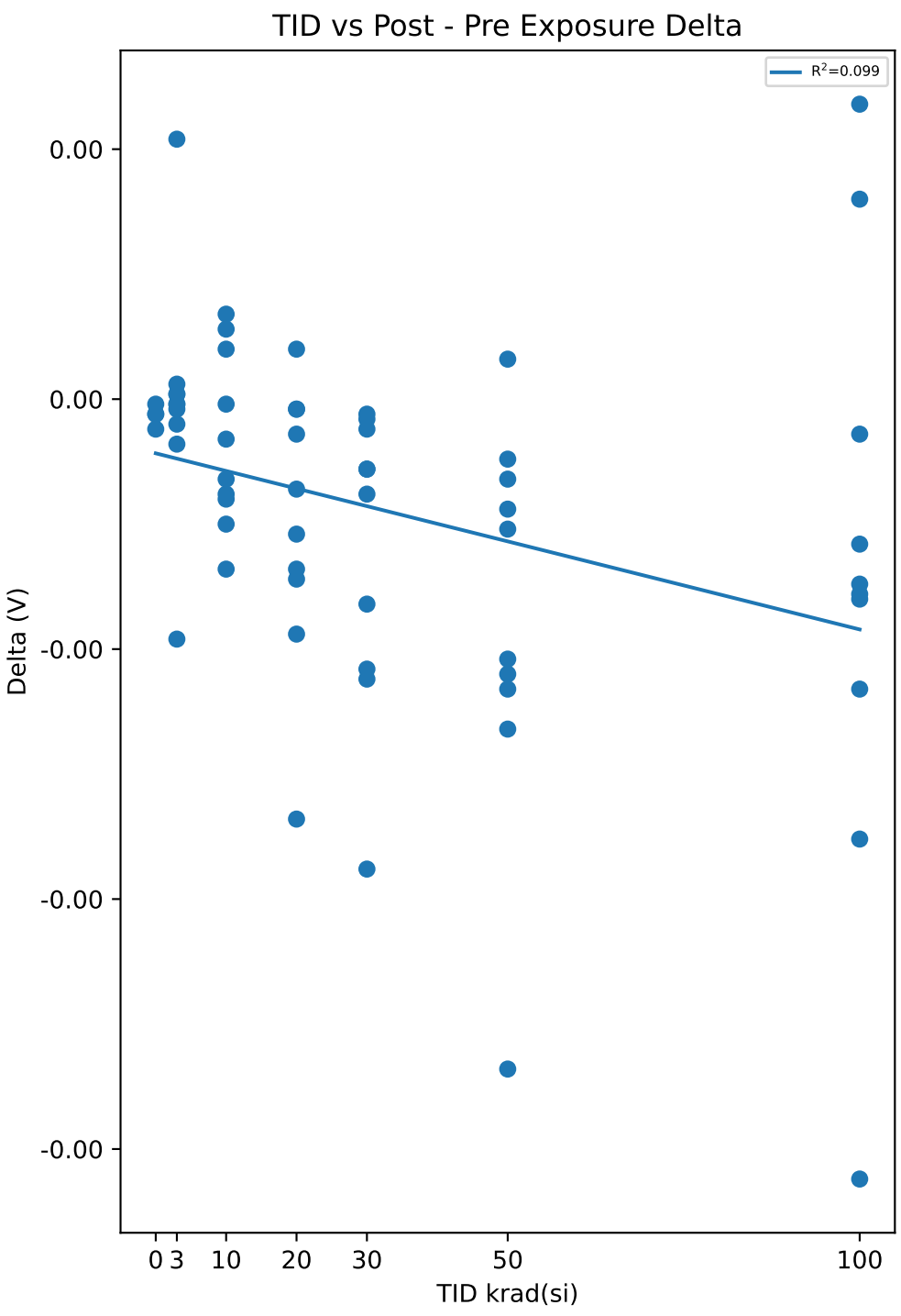
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.0188	0.53595	1.2716	0.60984	0.029	0.5232	1.2536	0.60012	-0.0272	-0.01275	0.0102	0.016059
3	-0.4396	0.42006	0.9357	0.39488	-0.4262	0.41794	0.9487	0.39342	-0.974	-0.00212	0.9918	0.46345
10	-0.4396	0.42006	0.9357	0.39488	-0.4235	0.42158	0.9699	0.39354	-0.0441	0.00152	0.0355	0.024802
20	-0.4396	0.42006	0.9357	0.39488	-0.434	0.42557	0.9515	0.39271	-0.023	0.00551	0.0335	0.017415
30	-0.4396	0.42006	0.9357	0.39488	-0.4258	0.42898	0.9638	0.39659	-0.0224	0.00892	0.0482	0.022698
50	-0.4396	0.42006	0.9357	0.39488	-0.4406	0.40634	0.9544	0.3986	-0.0482	-0.01372	0.0187	0.019444
100	-0.4396	0.42006	0.9357	0.39488	-0.372	0.46637	1.002	0.3851	-0.0057	0.04631	0.0986	0.035779

Device Test: 19.49 VOLTAGE|VREF//4.5/4.5/0/0/4.5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

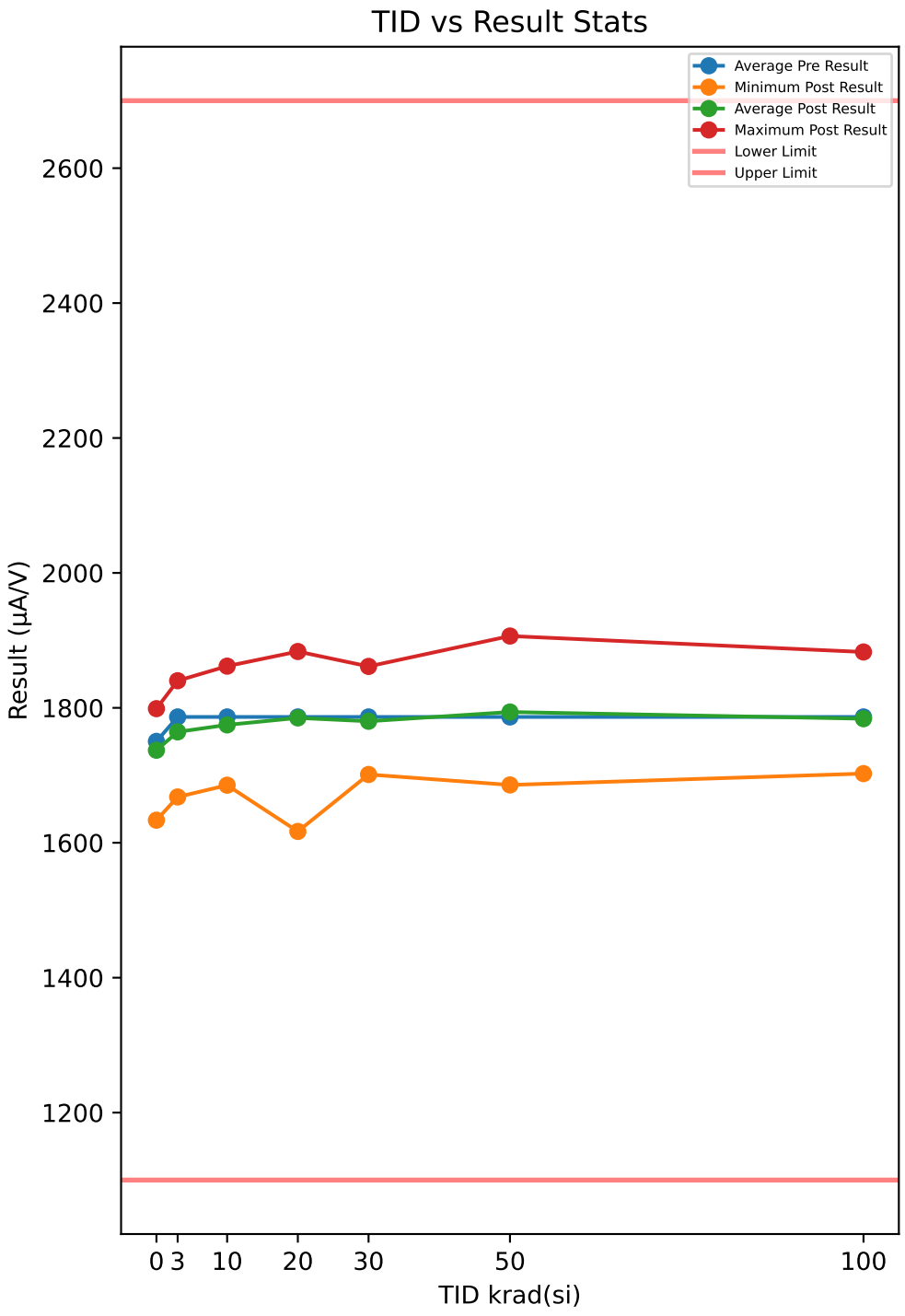
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59997	0.6	3e-05
2	3	LDR BIAS	0.60006	0.59958	-0.00048
3	3	LDR BIAS	0.59963	0.60015	0.00052
4	3	LDR BIAS	0.59962	0.59953	-9e-05
5	3	LDR BIAS	0.60024	0.60023	-1e-05
6	3	LDR UNBIAS	0.60031	0.6003	-1e-05
7	3	LDR UNBIAS	0.59998	0.59993	-5e-05
8	3	LDR UNBIAS	0.59985	0.59986	1e-05
9	3	LDR UNBIAS	0.59982	0.5998	-2e-05
10	3	LDR UNBIAS	0.6001	0.60011	1e-05
11	0	CORRELATION	0.59988	0.59982	-6e-05
12	0	CORRELATION	0.59987	0.59986	-1e-05
13	0	CORRELATION	0.59985	0.59982	-3e-05
14	0	CORRELATION	0.59989	0.59986	-3e-05
21	10	LDR BIAS	0.59997	0.60007	0.0001
22	10	LDR BIAS	0.60006	0.60005	-1e-05
23	10	LDR BIAS	0.59963	0.5998	0.00017
24	10	LDR BIAS	0.59962	0.59928	-0.00034
25	10	LDR BIAS	0.60024	0.59999	-0.00025
26	10	LDR UNBIAS	0.60031	0.60023	-8e-05
27	10	LDR UNBIAS	0.59998	0.59979	-0.00019
28	10	LDR UNBIAS	0.59985	0.59965	-0.0002
29	10	LDR UNBIAS	0.59982	0.59996	0.00014
30	10	LDR UNBIAS	0.6001	0.59994	-0.00016
31	20	LDR BIAS	0.59997	0.60007	0.0001
32	20	LDR BIAS	0.60006	0.59999	-7e-05
33	20	LDR BIAS	0.59963	0.59879	-0.00084
34	20	LDR BIAS	0.59962	0.59915	-0.00047
35	20	LDR BIAS	0.60024	0.59988	-0.00036
36	20	LDR UNBIAS	0.60031	0.60029	-2e-05
37	20	LDR UNBIAS	0.59998	0.59971	-0.00027
38	20	LDR UNBIAS	0.59985	0.59951	-0.00034
39	20	LDR UNBIAS	0.59982	0.5998	-2e-05
40	20	LDR UNBIAS	0.6001	0.59992	-0.00018
41	30	LDR BIAS	0.59997	0.59983	-0.00014
42	30	LDR BIAS	0.60006	0.60003	-3e-05
43	30	LDR BIAS	0.59963	0.59869	-0.00094
44	30	LDR BIAS	0.59962	0.59908	-0.00054
45	30	LDR BIAS	0.60024	0.59983	-0.00041
46	30	LDR UNBIAS	0.60031	0.60025	-6e-05
47	30	LDR UNBIAS	0.59998	0.59984	-0.00014
48	30	LDR UNBIAS	0.59985	0.59929	-0.00056
49	30	LDR UNBIAS	0.59982	0.59978	-4e-05
50	30	LDR UNBIAS	0.6001	0.59991	-0.00019
51	50	LDR BIAS	0.59997	0.59975	-0.00022
52	50	LDR BIAS	0.60006	0.5999	-0.00016
53	50	LDR BIAS	0.59963	0.59829	-0.00134
54	50	LDR BIAS	0.59962	0.59896	-0.00066
55	50	LDR BIAS	0.60024	0.59966	-0.00058
56	50	LDR UNBIAS	0.60031	0.60039	8e-05
57	50	LDR UNBIAS	0.59998	0.59946	-0.00052
58	50	LDR UNBIAS	0.59985	0.5993	-0.00055
59	50	LDR UNBIAS	0.59982	0.59956	-0.00026
60	50	LDR UNBIAS	0.6001	0.59998	-0.00012
61	100	LDR BIAS	0.59997	0.5999	-7e-05
62	100	LDR BIAS	0.60006	0.59969	-0.00037
63	100	LDR BIAS	0.59963	0.59807	-0.00156
64	100	LDR BIAS	0.59962	0.59904	-0.00058
65	100	LDR BIAS	0.60024	0.59936	-0.00088
66	100	LDR UNBIAS	0.60031	0.60071	0.0004
67	100	LDR UNBIAS	0.59998	0.59958	-0.0004
68	100	LDR UNBIAS	0.59985	0.59946	-0.00039
69	100	LDR UNBIAS	0.59982	0.59953	-0.00029
70	100	LDR UNBIAS	0.6001	0.60069	0.00059

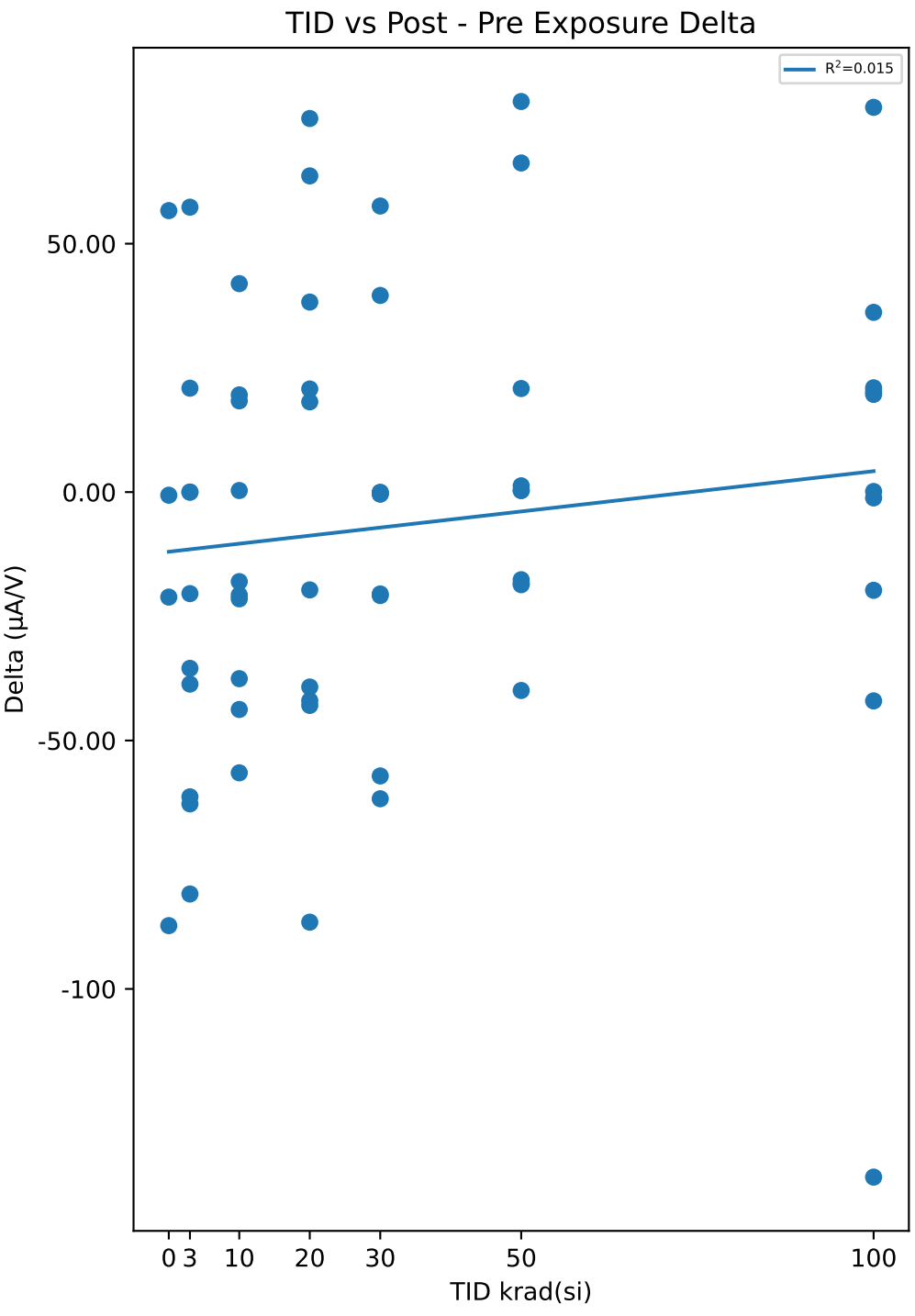


Test Statistics (V)

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	0.59985	0.59987	0.59989	1.7078e-05	0.59982	0.59984	0.59986	2.3094e-05	-6e-05	-3.25e-05	-1e-05	2.0616e-05
3	0.59962	0.59996	0.60031	0.00023266	0.59953	0.59995	0.6003	0.00026104	-0.00048	-9e-06	0.00052	0.00023858
10	0.59962	0.59996	0.60031	0.00023266	0.59928	0.59988	0.60023	0.00026601	-0.00034	-8.2e-05	0.00017	0.00017561
20	0.59962	0.59996	0.60031	0.00023266	0.59879	0.59971	0.60029	0.00045037	-0.00084	-0.000247	0.0001	0.0002754
30	0.59962	0.59996	0.60031	0.00023266	0.59869	0.59965	0.60025	0.0004791	-0.00094	-0.000305	-3e-05	0.00029964
50	0.59962	0.59996	0.60031	0.00023266	0.59829	0.59953	0.60039	0.0005836	-0.00134	-0.000433	8e-05	0.00039833
100	0.59962	0.59996	0.60031	0.00023266	0.59807	0.5996	0.60071	0.00076414	-0.00156	-0.000355	0.00059	0.0006083

Device Test: 19.5 LEVEL|TRANSCONDUCTANCE//5/5/0/0/5/500kHz//@EA_GM





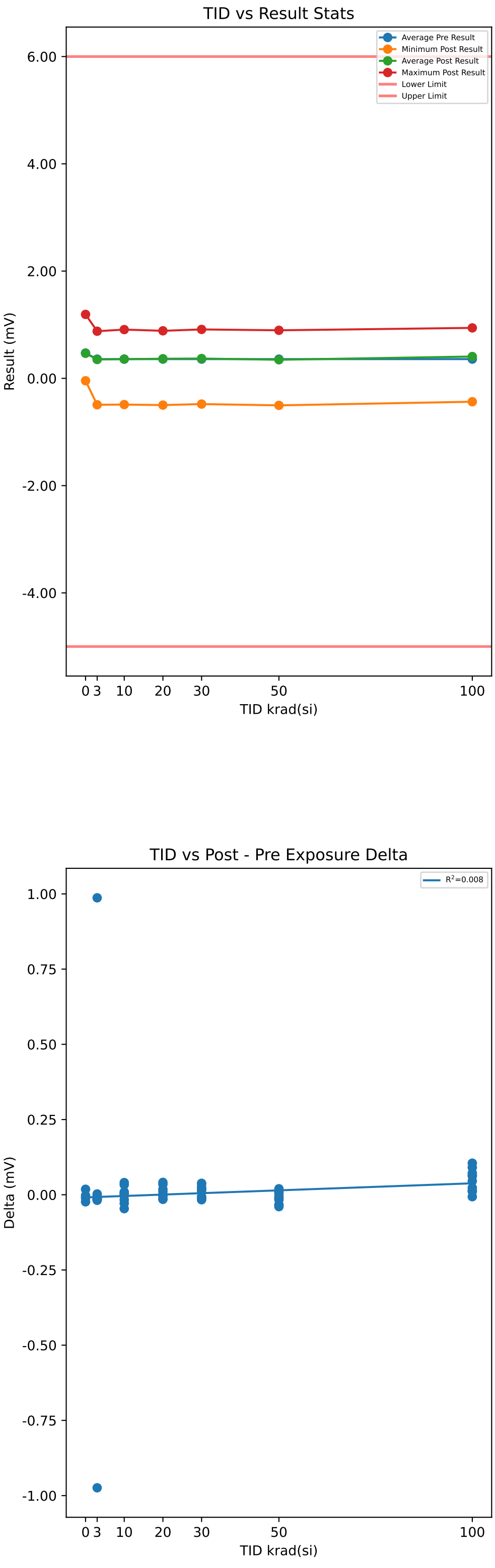
Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1840.2	1778.9	-61.335
2	3	LDR BIAS	1861.8	1799	-62.758
3	3	LDR BIAS	1819.9	1799.4	-20.436
4	3	LDR BIAS	1720.7	1778.1	57.346
5	3	LDR BIAS	1759.3	1759.3	0
6	3	LDR UNBIAS	1703.4	1667.9	-35.476
7	3	LDR UNBIAS	1722	1722	0
8	3	LDR UNBIAS	1778.1	1739.4	-38.649
9	3	LDR UNBIAS	1819.3	1840.2	20.913
10	3	LDR UNBIAS	1840.4	1759.5	-80.892
11	0	CORRELATION	1799.4	1798.8	-0.627
12	0	CORRELATION	1720.7	1633.5	-87.261
13	0	CORRELATION	1759.3	1738.2	-21.135
14	0	CORRELATION	1721.7	1778.3	56.654
21	10	LDR BIAS	1840.2	1819.5	-20.725
22	10	LDR BIAS	1861.8	1840.3	-21.485
23	10	LDR BIAS	1819.9	1861.8	41.956
24	10	LDR BIAS	1720.7	1740.3	19.563
25	10	LDR BIAS	1759.3	1721.8	-37.554
26	10	LDR UNBIAS	1703.4	1685.3	-18.018
27	10	LDR UNBIAS	1722	1740.4	18.363
28	10	LDR UNBIAS	1778.1	1721.6	-56.507
29	10	LDR UNBIAS	1819.3	1819.6	0.3157
30	10	LDR UNBIAS	1840.4	1796.7	-43.753
31	20	LDR BIAS	1840.2	1820.5	-19.689
32	20	LDR BIAS	1861.8	1818.9	-42.933
33	20	LDR BIAS	1819.9	1883.5	63.642
34	20	LDR BIAS	1720.7	1795.9	75.199
35	20	LDR BIAS	1759.3	1780.1	20.748
36	20	LDR UNBIAS	1703.4	1616.8	-86.564
37	20	LDR UNBIAS	1722	1740.2	18.165
38	20	LDR UNBIAS	1778.1	1816.3	38.25
39	20	LDR UNBIAS	1819.3	1780.1	-39.233
40	20	LDR UNBIAS	1840.4	1798.4	-41.962
41	30	LDR BIAS	1840.2	1840.1	-0.0707
42	30	LDR BIAS	1861.8	1861.4	-0.4028
43	30	LDR BIAS	1819.9	1859.4	39.583
44	30	LDR BIAS	1720.7	1778.3	57.581
45	30	LDR BIAS	1759.3	1759.3	-0.0646
46	30	LDR UNBIAS	1703.4	1703	-0.3631
47	30	LDR UNBIAS	1722	1701.2	-20.822
48	30	LDR UNBIAS	1778.1	1721	-57.134
49	30	LDR UNBIAS	1819.3	1798.8	-20.501
50	30	LDR UNBIAS	1840.4	1778.7	-61.725
51	50	LDR BIAS	1840.2	1906.5	66.246
52	50	LDR BIAS	1861.8	1862.1	0.3203
53	50	LDR BIAS	1819.9	1840.7	20.845
54	50	LDR BIAS	1720.7	1799.4	78.618
55	50	LDR BIAS	1759.3	1740.7	-18.637
56	50	LDR UNBIAS	1703.4	1685.7	-17.637
57	50	LDR UNBIAS	1722	1703.6	-18.378
58	50	LDR UNBIAS	1778.1	1779.4	1.2635
59	50	LDR UNBIAS	1819.3	1779.4	-39.931
60	50	LDR UNBIAS	1840.4	1840.7	0.3231
61	100	LDR BIAS	1840.2	1798.2	-42.031
62	100	LDR BIAS	1861.8	1882.8	20.988
63	100	LDR BIAS	1819.9	1839.5	19.664
64	100	LDR BIAS	1720.7	1798.2	77.442
65	100	LDR BIAS	1759.3	1739.6	-19.765
66	100	LDR UNBIAS	1703.4	1739.5	36.179
67	100	LDR UNBIAS	1722	1720.8	-1.1746
68	100	LDR UNBIAS	1778.1	1778.2	0.1225
69	100	LDR UNBIAS	1819.3	1839.5	20.237
70	100	LDR UNBIAS	1840.4	1702.5	-137.88

Test Statistics (µA/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	1720.7	1750.3	1799.4	37.36	1633.5	1737.2	1798.8	73.583	-87.261	-13.092	56.654	59.402
3	1703.4	1786.5	1861.8	57.595	1667.9	1764.4	1840.2	47.557	-80.892	-22.129	57.346	42.483
10	1703.4	1786.5	1861.8	57.595	1685.3	1774.7	1861.8	59.972	-56.507	-11.784	41.956	31.314
20	1703.4	1786.5	1861.8	57.595	1616.8	1785.1	1883.5	69.719	-86.564	-1.4377	75.199	52.633
30	1703.4	1786.5	1861.8	57.595	1701.2	1780.1	1861.4	60.524	-61.725	-6.3919	57.581	37.122
50	1703.4	1786.5	1861.8	57.595	1685.7	1793.8	1906.5	70.587	-39.931	7.3034	78.618	38.098
100	1703.4	1786.5	1861.8	57.595	1702.5	1783.9	1882.8	58.634	-137.88	-2.6215	77.442	57.39

Device Test: 19.51 VOLTAGE|OFFSET//4.5/4.5/0/0/4.5/1MHz//@EA_OS



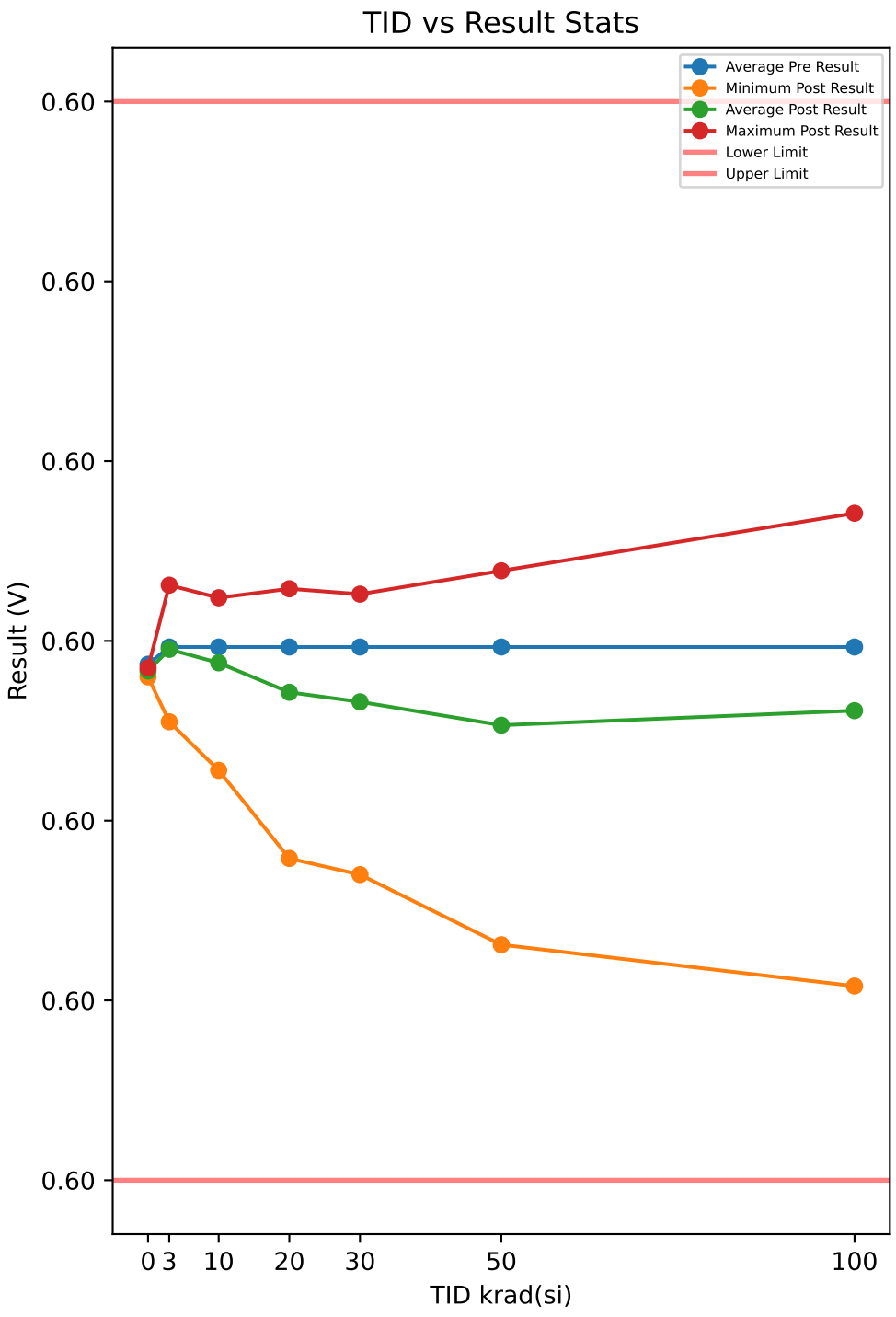
Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0862	-0.0973	-0.0111
2	3	LDR BIAS	0.4815	-0.4925	-0.974
3	3	LDR BIAS	-0.498	0.489	0.987
4	3	LDR BIAS	0.8762	0.8789	0.0027
5	3	LDR BIAS	0.2254	0.2112	-0.0142
6	3	LDR UNBIAS	0.5344	0.516	-0.0184
7	3	LDR UNBIAS	0.4982	0.4809	-0.0173
8	3	LDR UNBIAS	0.6851	0.6711	-0.014
9	3	LDR UNBIAS	0.4102	0.3973	-0.0129
10	3	LDR UNBIAS	0.4625	0.4593	-0.0032
11	0	CORRELATION	-0.003	-0.014	-0.011
12	0	CORRELATION	0.7163	0.7346	0.0183
13	0	CORRELATION	1.2159	1.1924	-0.0235
14	0	CORRELATION	-0.0416	-0.0443	-0.0027
21	10	LDR BIAS	-0.0862	-0.0814	0.0048
22	10	LDR BIAS	0.4815	0.522	0.0405
23	10	LDR BIAS	-0.498	-0.4886	0.0094
24	10	LDR BIAS	0.8762	0.9095	0.0333
25	10	LDR BIAS	0.2254	0.2285	0.0031
26	10	LDR UNBIAS	0.5344	0.5325	-0.0019
27	10	LDR UNBIAS	0.4982	0.4947	-0.0035
28	10	LDR UNBIAS	0.6851	0.6566	-0.0285
29	10	LDR UNBIAS	0.4102	0.364	-0.0462
30	10	LDR UNBIAS	0.4625	0.4456	-0.0169
31	20	LDR BIAS	-0.0862	-0.0513	0.0349
32	20	LDR BIAS	0.4815	0.5227	0.0412
33	20	LDR BIAS	-0.498	-0.4985	-0.0005
34	20	LDR BIAS	0.8762	0.8865	0.0103
35	20	LDR BIAS	0.2254	0.2251	-0.0003
36	20	LDR UNBIAS	0.5344	0.5192	-0.0152
37	20	LDR UNBIAS	0.4982	0.4959	-0.0023
38	20	LDR UNBIAS	0.6851	0.6713	-0.0138
39	20	LDR UNBIAS	0.4102	0.4064	-0.0038
40	20	LDR UNBIAS	0.4625	0.4808	0.0183
41	30	LDR BIAS	-0.0862	-0.0608	0.0254
42	30	LDR BIAS	0.4815	0.5196	0.0381
43	30	LDR BIAS	-0.498	-0.4793	0.0187
44	30	LDR BIAS	0.8762	0.9123	0.0361
45	30	LDR BIAS	0.2254	0.2116	-0.0138
46	30	LDR UNBIAS	0.5344	0.5178	-0.0166
47	30	LDR UNBIAS	0.4982	0.4898	-0.0084
48	30	LDR UNBIAS	0.6851	0.6978	0.0127
49	30	LDR UNBIAS	0.4102	0.4039	-0.0063
50	30	LDR UNBIAS	0.4625	0.4823	0.0198
51	50	LDR BIAS	-0.0862	-0.1028	-0.0166
52	50	LDR BIAS	0.4815	0.4672	-0.0143
53	50	LDR BIAS	-0.498	-0.5035	-0.0055
54	50	LDR BIAS	0.8762	0.8961	0.0199
55	50	LDR BIAS	0.2254	0.1927	-0.0327
56	50	LDR UNBIAS	0.5344	0.5247	-0.0097
57	50	LDR UNBIAS	0.4982	0.4623	-0.0359
58	50	LDR UNBIAS	0.6851	0.6905	0.0054
59	50	LDR UNBIAS	0.4102	0.3706	-0.0396
60	50	LDR UNBIAS	0.4625	0.4709	0.0084
61	100	LDR BIAS	-0.0862	0.0045	0.0907
62	100	LDR BIAS	0.4815	0.5272	0.0457
63	100	LDR BIAS	-0.498	-0.4357	0.0623
64	100	LDR BIAS	0.8762	0.941	0.0648
65	100	LDR BIAS	0.2254	0.2364	0.011
66	100	LDR UNBIAS	0.5344	0.5577	0.0233
67	100	LDR UNBIAS	0.4982	0.4917	-0.0065
68	100	LDR UNBIAS	0.6851	0.6988	0.0137
69	100	LDR UNBIAS	0.4102	0.4819	0.0717
70	100	LDR UNBIAS	0.4625	0.5675	0.105

Test Statistics (mV)

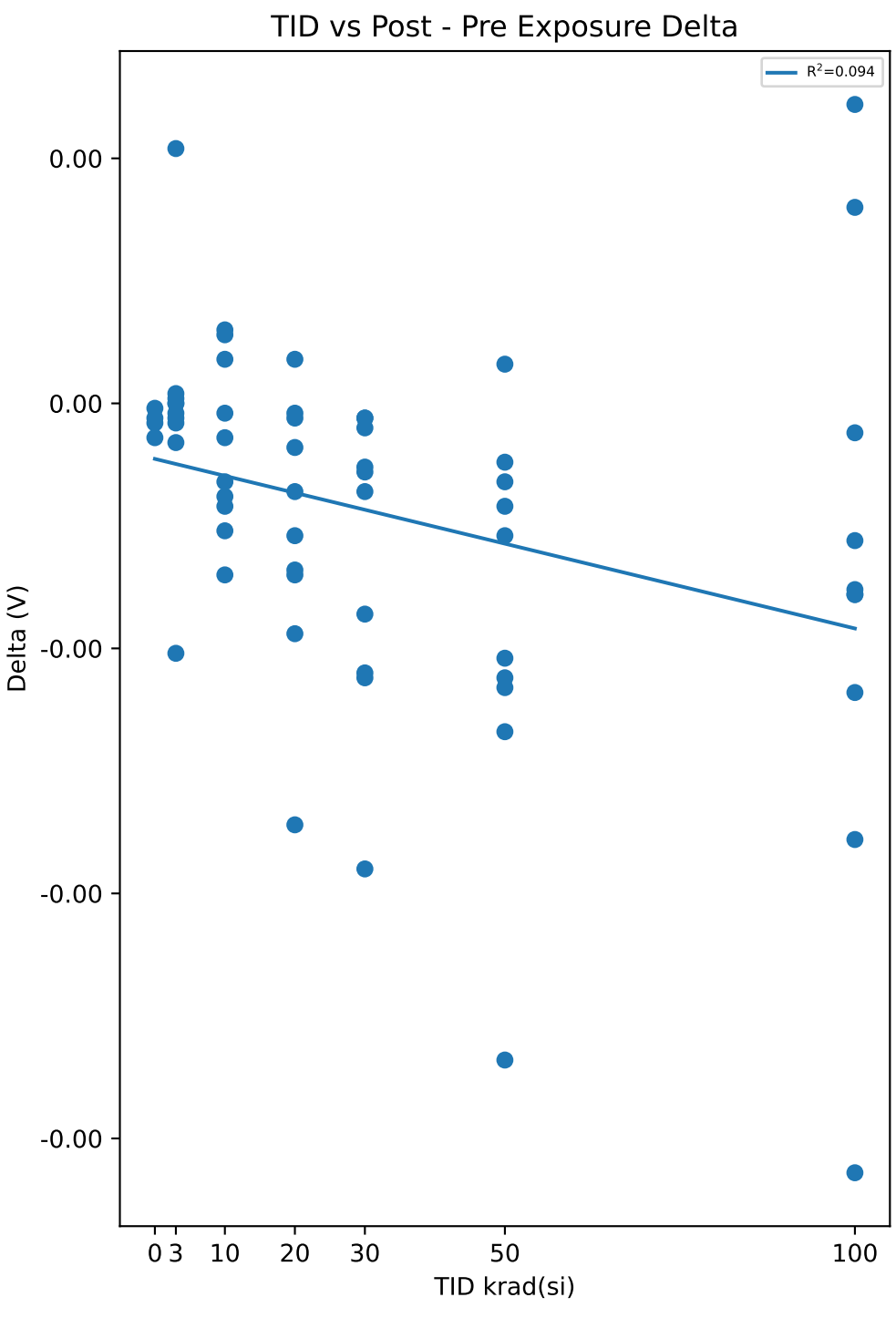
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0416	0.4719	1.2159	0.60621	-0.0443	0.46718	1.1924	0.60294	-0.0235	-0.004725	0.0183	0.01757
3	-0.498	0.35893	0.8762	0.3948	-0.4925	0.35139	0.8789	0.39302	-0.974	-0.00754	0.987	0.46232
10	-0.498	0.35893	0.8762	0.3948	-0.4886	0.35834	0.9095	0.39492	-0.0462	-0.00059	0.0405	0.026066
20	-0.498	0.35893	0.8762	0.3948	-0.4985	0.36581	0.8865	0.39231	-0.0152	0.00688	0.0412	0.01922
30	-0.498	0.35893	0.8762	0.3948	-0.4793	0.3695	0.9123	0.39523	-0.0166	0.01057	0.0381	0.020445
50	-0.498	0.35893	0.8762	0.3948	-0.5035	0.34687	0.8961	0.40058	-0.0396	-0.01206	0.0199	0.019922
100	-0.498	0.35893	0.8762	0.3948	-0.4357	0.4071	0.941	0.38691	-0.0065	0.04817	0.105	0.036896

Device Test: 19.52 VOLTAGE|VREF//5/5/0/0/5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

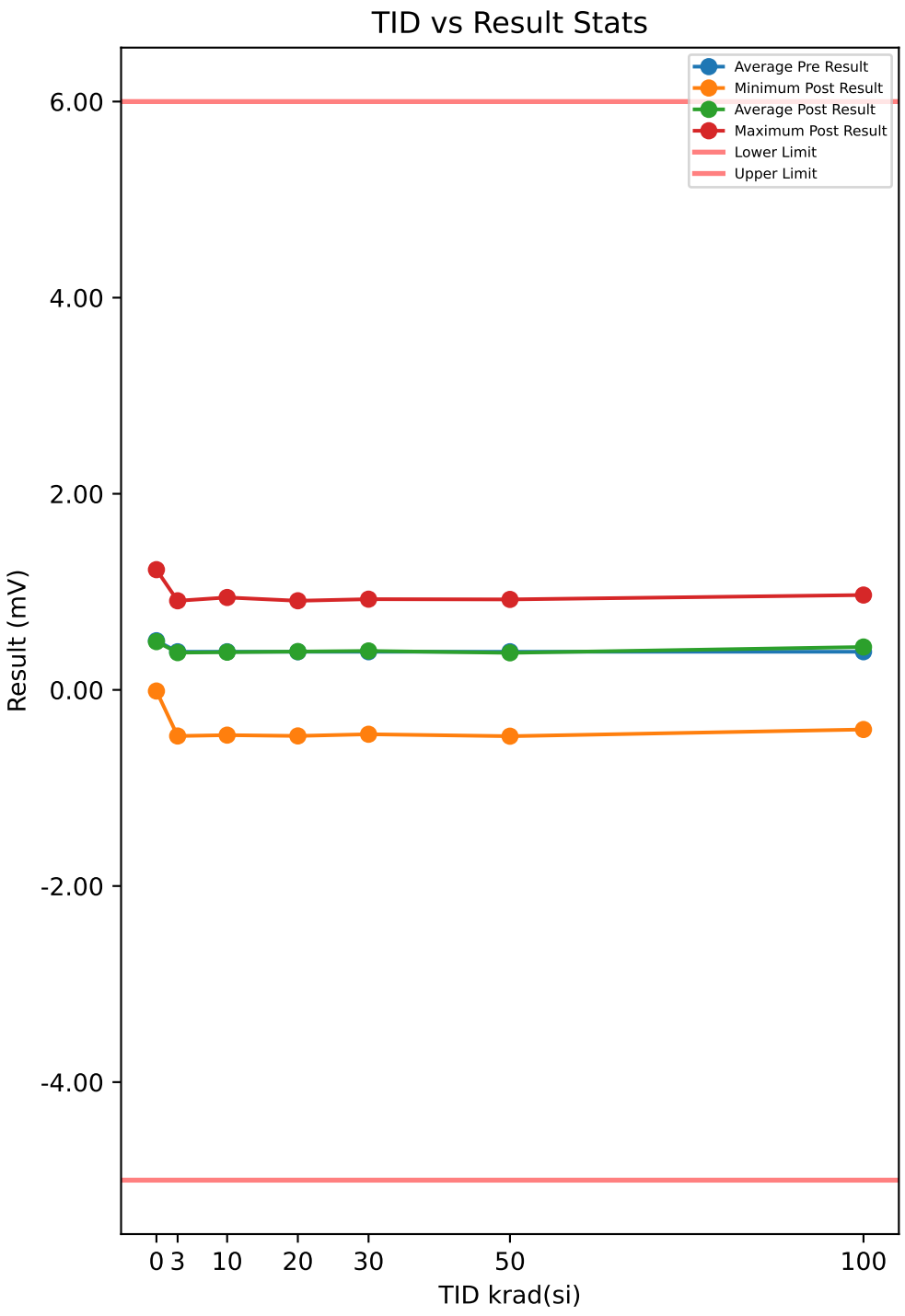
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59996	0.59998	2e-05
2	3	LDR BIAS	0.60009	0.59958	-0.00051
3	3	LDR BIAS	0.59965	0.60017	0.00052
4	3	LDR BIAS	0.59963	0.59955	-8e-05
5	3	LDR BIAS	0.60026	0.60024	-2e-05
6	3	LDR UNBIAS	0.60031	0.60031	0
7	3	LDR UNBIAS	0.59998	0.59994	-4e-05
8	3	LDR UNBIAS	0.59987	0.59987	0
9	3	LDR UNBIAS	0.59982	0.59979	-3e-05
10	3	LDR UNBIAS	0.60009	0.6001	1e-05
11	0	CORRELATION	0.59987	0.5998	-7e-05
12	0	CORRELATION	0.59988	0.59984	-4e-05
13	0	CORRELATION	0.59985	0.59984	-1e-05
14	0	CORRELATION	0.59988	0.59985	-3e-05
21	10	LDR BIAS	0.59996	0.60005	9e-05
22	10	LDR BIAS	0.60009	0.60007	-2e-05
23	10	LDR BIAS	0.59965	0.5998	0.00015
24	10	LDR BIAS	0.59963	0.59928	-0.00035
25	10	LDR BIAS	0.60026	0.6	-0.00026
26	10	LDR UNBIAS	0.60031	0.60024	-7e-05
27	10	LDR UNBIAS	0.59998	0.59979	-0.00019
28	10	LDR UNBIAS	0.59987	0.59966	-0.00021
29	10	LDR UNBIAS	0.59982	0.59996	0.00014
30	10	LDR UNBIAS	0.60009	0.59993	-0.00016
31	20	LDR BIAS	0.59996	0.60005	9e-05
32	20	LDR BIAS	0.60009	0.6	-9e-05
33	20	LDR BIAS	0.59965	0.59879	-0.00086
34	20	LDR BIAS	0.59963	0.59916	-0.00047
35	20	LDR BIAS	0.60026	0.59991	-0.00035
36	20	LDR UNBIAS	0.60031	0.60029	-2e-05
37	20	LDR UNBIAS	0.59998	0.59971	-0.00027
38	20	LDR UNBIAS	0.59987	0.59953	-0.00034
39	20	LDR UNBIAS	0.59982	0.59979	-3e-05
40	20	LDR UNBIAS	0.60009	0.59991	-0.00018
41	30	LDR BIAS	0.59996	0.59983	-0.00013
42	30	LDR BIAS	0.60009	0.60006	-3e-05
43	30	LDR BIAS	0.59965	0.5987	-0.00095
44	30	LDR BIAS	0.59963	0.59908	-0.00055
45	30	LDR BIAS	0.60026	0.59983	-0.00043
46	30	LDR UNBIAS	0.60031	0.60026	-5e-05
47	30	LDR UNBIAS	0.59998	0.59984	-0.00014
48	30	LDR UNBIAS	0.59987	0.59931	-0.00056
49	30	LDR UNBIAS	0.59982	0.59979	-3e-05
50	30	LDR UNBIAS	0.60009	0.59991	-0.00018
51	50	LDR BIAS	0.59996	0.59975	-0.00021
52	50	LDR BIAS	0.60009	0.59993	-0.00016
53	50	LDR BIAS	0.59965	0.59831	-0.00134
54	50	LDR BIAS	0.59963	0.59896	-0.00067
55	50	LDR BIAS	0.60026	0.59968	-0.00058
56	50	LDR UNBIAS	0.60031	0.60039	8e-05
57	50	LDR UNBIAS	0.59998	0.59946	-0.00052
58	50	LDR UNBIAS	0.59987	0.59931	-0.00056
59	50	LDR UNBIAS	0.59982	0.59955	-0.00027
60	50	LDR UNBIAS	0.60009	0.59997	-0.00012
61	100	LDR BIAS	0.59996	0.5999	-6e-05
62	100	LDR BIAS	0.60009	0.59971	-0.00038
63	100	LDR BIAS	0.59965	0.59808	-0.00157
64	100	LDR BIAS	0.59963	0.59904	-0.00059
65	100	LDR BIAS	0.60026	0.59937	-0.00089
66	100	LDR UNBIAS	0.60031	0.60071	0.0004
67	100	LDR UNBIAS	0.59998	0.59959	-0.00039
68	100	LDR UNBIAS	0.59987	0.59948	-0.00039
69	100	LDR UNBIAS	0.59982	0.59954	-0.00028
70	100	LDR UNBIAS	0.60009	0.6007	0.00061



Test Statistics (V)

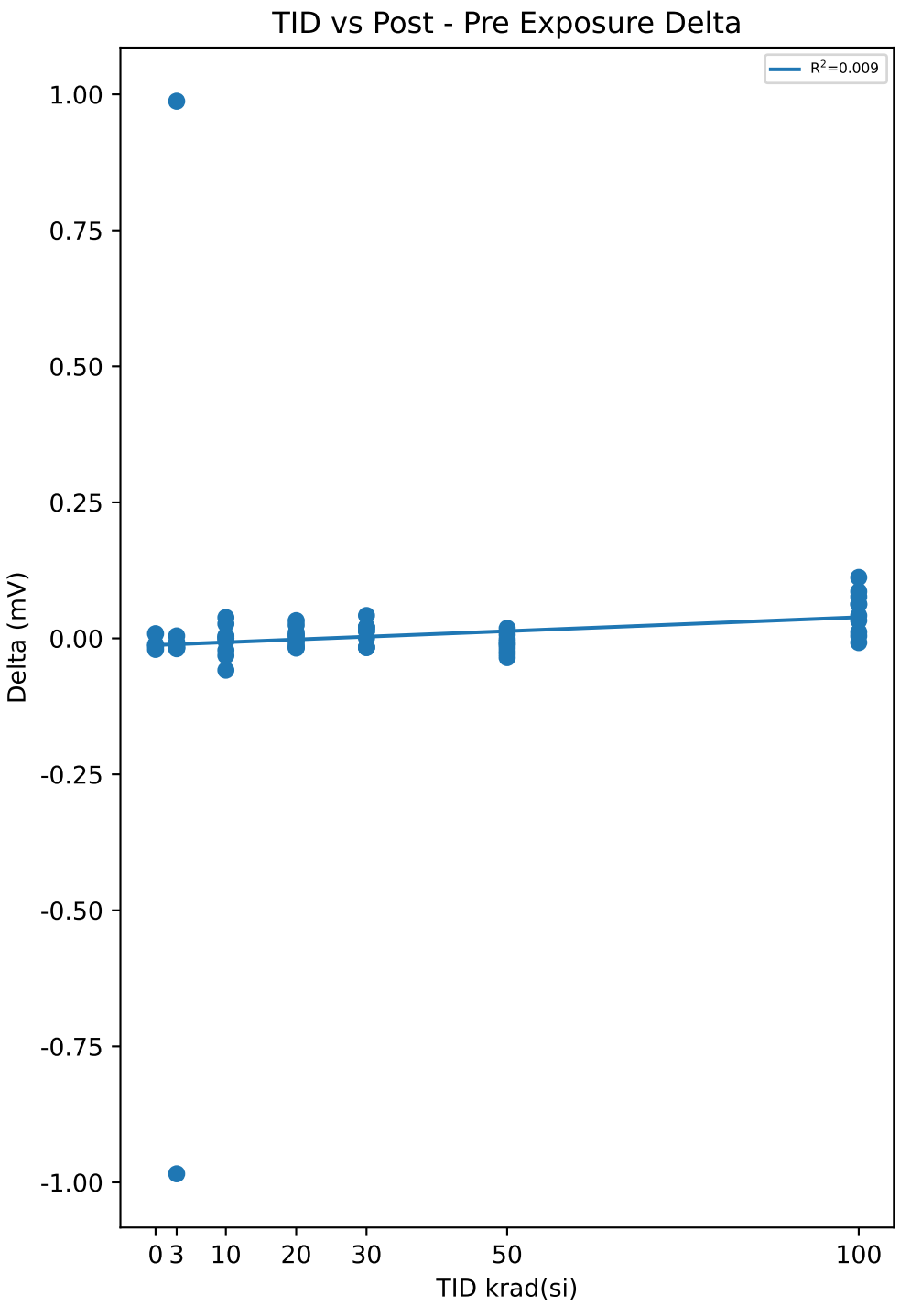
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59985	0.59987	0.59988	1.4142e-05	0.5998	0.59983	0.59985	2.2174e-05	-7e-05	-3.75e-05	-1e-05	2.5e-05
3	0.59963	0.59997	0.60031	0.00023071	0.59955	0.59995	0.60031	0.00026128	-0.00051	-1.3e-05	0.00052	0.00024463
10	0.59963	0.59997	0.60031	0.00023071	0.59928	0.59988	0.60024	0.00026682	-0.00035	-8.8e-05	0.00015	0.00017447
20	0.59963	0.59997	0.60031	0.00023071	0.59879	0.59971	0.60029	0.00044767	-0.00086	-0.000252	9e-05	0.00027616
30	0.59963	0.59997	0.60031	0.00023071	0.5987	0.59966	0.60026	0.00047959	-0.00095	-0.000305	-3e-05	0.00030668
50	0.59963	0.59997	0.60031	0.00023071	0.59831	0.59953	0.60039	0.00058033	-0.00134	-0.000435	8e-05	0.00039945
100	0.59963	0.59997	0.60031	0.00023071	0.59808	0.59961	0.60071	0.00076287	-0.00157	-0.000354	0.00061	0.00061596

Device Test: 19.54 VOLTAGE|OFFSET//5/5/0/0/5/1MHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

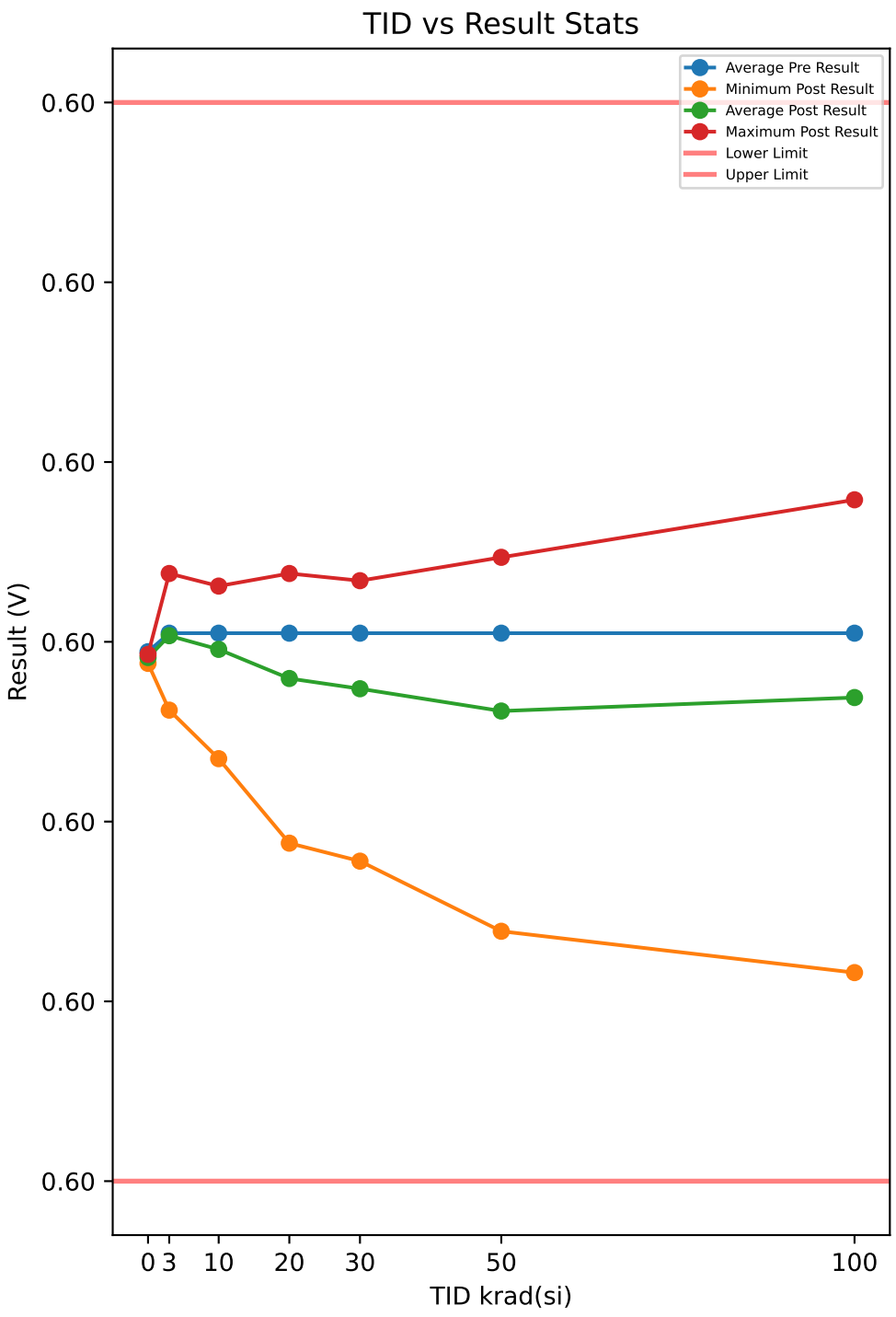
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	-0.0517	-0.0707	-0.019
2	3	LDR BIAS	0.5139	-0.4704	-0.9843
3	3	LDR BIAS	-0.4662	0.5212	0.9874
4	3	LDR BIAS	0.9041	0.9086	0.0045
5	3	LDR BIAS	0.2503	0.2348	-0.0155
6	3	LDR UNBIAS	0.5599	0.549	-0.0109
7	3	LDR UNBIAS	0.5221	0.5151	-0.007
8	3	LDR UNBIAS	0.7158	0.6981	-0.0177
9	3	LDR UNBIAS	0.447	0.4298	-0.0172
10	3	LDR UNBIAS	0.4938	0.4833	-0.0105
11	0	CORRELATION	0.0199	0.0058	-0.0141
12	0	CORRELATION	0.7591	0.7477	-0.0114
13	0	CORRELATION	1.2464	1.2261	-0.0203
14	0	CORRELATION	-0.0202	-0.0116	0.0086
21	10	LDR BIAS	-0.0517	-0.0568	-0.0051
22	10	LDR BIAS	0.5139	0.5406	0.0267
23	10	LDR BIAS	-0.4662	-0.4614	0.0048
24	10	LDR BIAS	0.9041	0.9424	0.0383
25	10	LDR BIAS	0.2503	0.2535	0.0032
26	10	LDR UNBIAS	0.5599	0.5602	0.0003
27	10	LDR UNBIAS	0.5221	0.5221	0
28	10	LDR UNBIAS	0.7158	0.6842	-0.0316
29	10	LDR UNBIAS	0.447	0.3885	-0.0585
30	10	LDR UNBIAS	0.4938	0.472	-0.0218
31	20	LDR BIAS	-0.0517	-0.0273	0.0244
32	20	LDR BIAS	0.5139	0.5465	0.0326
33	20	LDR BIAS	-0.4662	-0.4696	-0.0034
34	20	LDR BIAS	0.9041	0.9088	0.0047
35	20	LDR BIAS	0.2503	0.2557	0.0054
36	20	LDR UNBIAS	0.5599	0.5436	-0.0163
37	20	LDR UNBIAS	0.5221	0.5144	-0.0077
38	20	LDR UNBIAS	0.7158	0.7017	-0.0141
39	20	LDR UNBIAS	0.447	0.4291	-0.0179
40	20	LDR UNBIAS	0.4938	0.5047	0.0109
41	30	LDR BIAS	-0.0517	-0.0312	0.0205
42	30	LDR BIAS	0.5139	0.5559	0.042
43	30	LDR BIAS	-0.4662	-0.4524	0.0138
44	30	LDR BIAS	0.9041	0.9251	0.021
45	30	LDR BIAS	0.2503	0.2337	-0.0166
46	30	LDR UNBIAS	0.5599	0.543	-0.0169
47	30	LDR UNBIAS	0.5221	0.5226	0.0005
48	30	LDR UNBIAS	0.7158	0.7289	0.0131
49	30	LDR UNBIAS	0.447	0.4312	-0.0158
50	30	LDR UNBIAS	0.4938	0.514	0.0202
51	50	LDR BIAS	-0.0517	-0.0693	-0.0176
52	50	LDR BIAS	0.5139	0.502	-0.0119
53	50	LDR BIAS	-0.4662	-0.4723	-0.0061
54	50	LDR BIAS	0.9041	0.9226	0.0185
55	50	LDR BIAS	0.2503	0.2262	-0.0241
56	50	LDR UNBIAS	0.5599	0.5499	-0.01
57	50	LDR UNBIAS	0.5221	0.4931	-0.029
58	50	LDR UNBIAS	0.7158	0.7144	-0.0014
59	50	LDR UNBIAS	0.447	0.4116	-0.0354
60	50	LDR UNBIAS	0.4938	0.5007	0.0069
61	100	LDR BIAS	-0.0517	0.0344	0.0861
62	100	LDR BIAS	0.5139	0.5558	0.0419
63	100	LDR BIAS	-0.4662	-0.404	0.0622
64	100	LDR BIAS	0.9041	0.9672	0.0631
65	100	LDR BIAS	0.2503	0.2547	0.0044
66	100	LDR UNBIAS	0.5599	0.5927	0.0328
67	100	LDR UNBIAS	0.5221	0.5144	-0.0077
68	100	LDR UNBIAS	0.7158	0.7274	0.0116
69	100	LDR UNBIAS	0.447	0.5236	0.0766
70	100	LDR UNBIAS	0.4938	0.6057	0.1119



Test Statistics (mV)

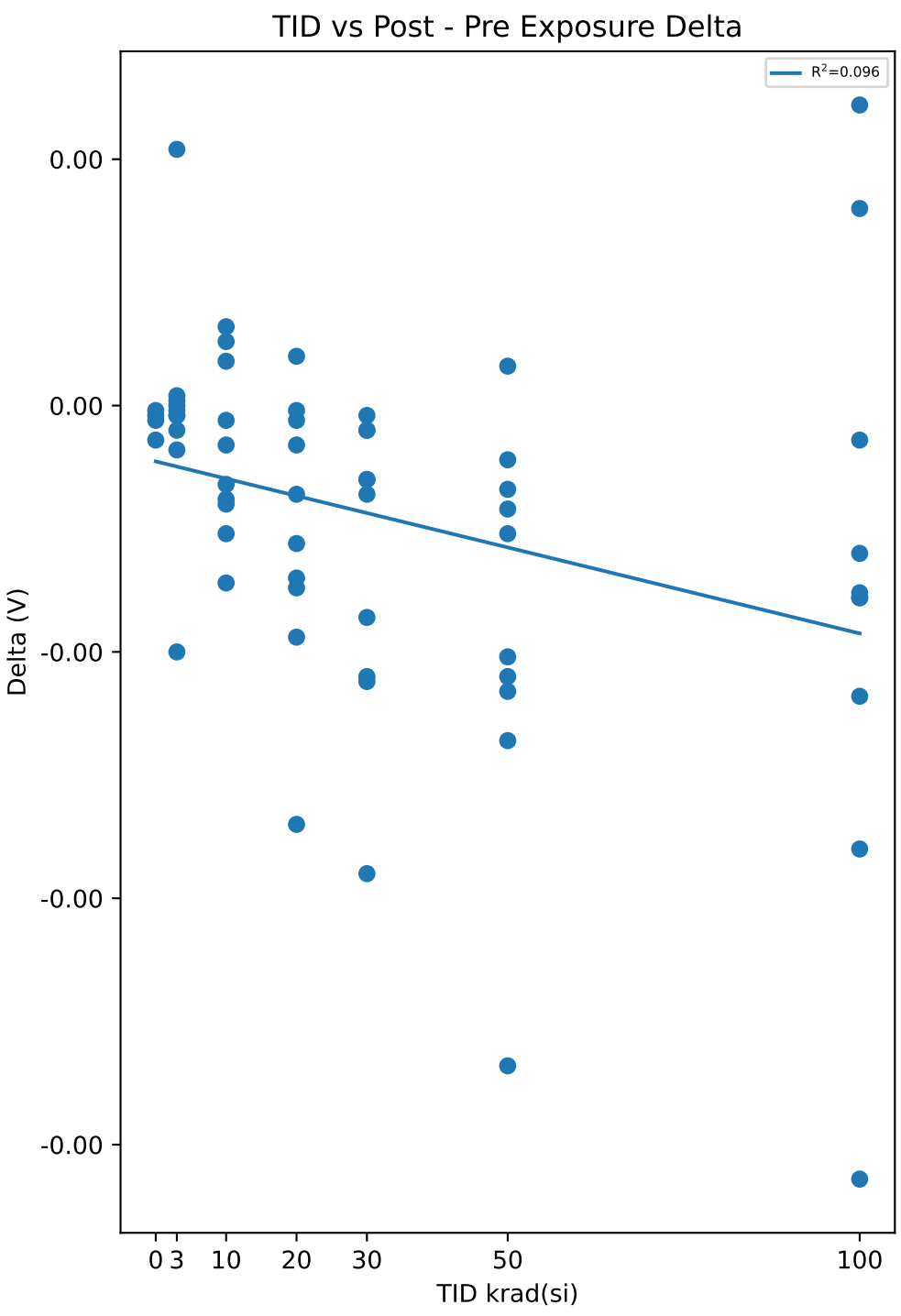
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.0202	0.5013	1.2464	0.61247	-0.0116	0.492	1.2261	0.60396	-0.0203	-0.0093	0.0086	0.012501
3	-0.4662	0.3889	0.9041	0.39353	-0.4704	0.37988	0.9086	0.39552	-0.9843	-0.00902	0.9874	0.46482
10	-0.4662	0.3889	0.9041	0.39353	-0.4614	0.38453	0.9424	0.39586	-0.0585	-0.00437	0.0383	0.027777
20	-0.4662	0.3889	0.9041	0.39353	-0.4696	0.39076	0.9088	0.39096	-0.0179	0.00186	0.0326	0.017157
30	-0.4662	0.3889	0.9041	0.39353	-0.4524	0.39708	0.9251	0.39409	-0.0169	0.00818	0.042	0.019825
50	-0.4662	0.3889	0.9041	0.39353	-0.4723	0.37789	0.9226	0.39864	-0.0354	-0.01101	0.0185	0.016476
100	-0.4662	0.3889	0.9041	0.39353	-0.404	0.43719	0.9672	0.38706	-0.0077	0.04829	0.1119	0.038555

Device Test: 19.55 VOLTAGE|VREF//12/12/0/0/5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

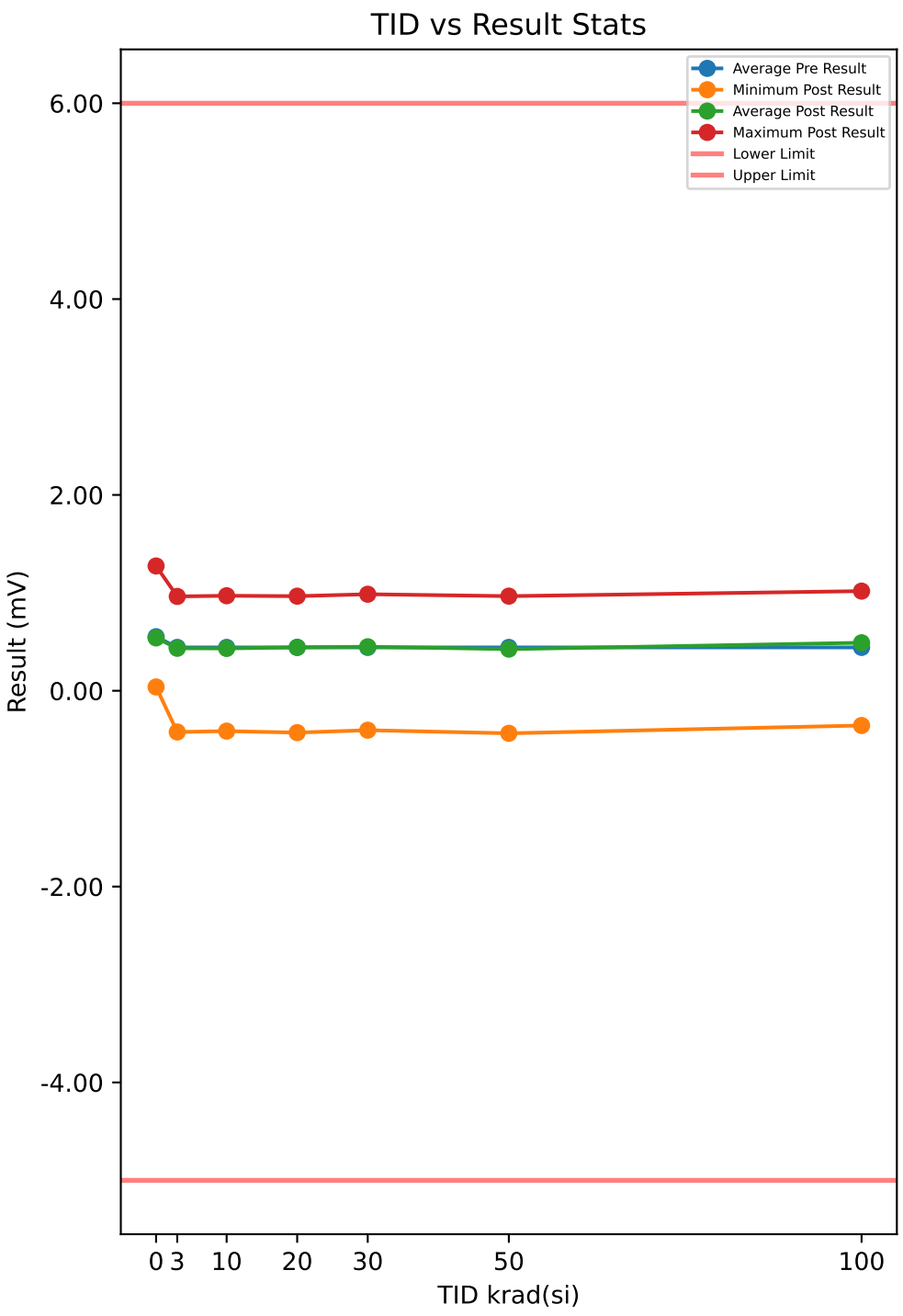
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60004	0.60006	2e-05
2	3	LDR BIAS	0.60017	0.59967	-0.0005
3	3	LDR BIAS	0.59973	0.60025	0.00052
4	3	LDR BIAS	0.59971	0.59962	-9e-05
5	3	LDR BIAS	0.60035	0.60033	-2e-05
6	3	LDR UNBIAS	0.60039	0.60038	-1e-05
7	3	LDR UNBIAS	0.60006	0.60001	-5e-05
8	3	LDR UNBIAS	0.59995	0.59996	1e-05
9	3	LDR UNBIAS	0.59991	0.59989	-2e-05
10	3	LDR UNBIAS	0.60017	0.60017	0
11	0	CORRELATION	0.59995	0.59988	-7e-05
12	0	CORRELATION	0.59996	0.59993	-3e-05
13	0	CORRELATION	0.59992	0.59991	-1e-05
14	0	CORRELATION	0.59995	0.59993	-2e-05
21	10	LDR BIAS	0.60004	0.60013	9e-05
22	10	LDR BIAS	0.60017	0.60014	-3e-05
23	10	LDR BIAS	0.59973	0.59989	0.00016
24	10	LDR BIAS	0.59971	0.59935	-0.00036
25	10	LDR BIAS	0.60035	0.60009	-0.00026
26	10	LDR UNBIAS	0.60039	0.60031	-8e-05
27	10	LDR UNBIAS	0.60006	0.59987	-0.00019
28	10	LDR UNBIAS	0.59995	0.59975	-0.0002
29	10	LDR UNBIAS	0.59991	0.60004	0.00013
30	10	LDR UNBIAS	0.60017	0.60001	-0.00016
31	20	LDR BIAS	0.60004	0.60014	0.0001
32	20	LDR BIAS	0.60017	0.60009	-8e-05
33	20	LDR BIAS	0.59973	0.59888	-0.00085
34	20	LDR BIAS	0.59971	0.59924	-0.00047
35	20	LDR BIAS	0.60035	0.59998	-0.00037
36	20	LDR UNBIAS	0.60039	0.60038	-1e-05
37	20	LDR UNBIAS	0.60006	0.59978	-0.00028
38	20	LDR UNBIAS	0.59995	0.5996	-0.00035
39	20	LDR UNBIAS	0.59991	0.59988	-3e-05
40	20	LDR UNBIAS	0.60017	0.59999	-0.00018
41	30	LDR BIAS	0.60004	0.59989	-0.00015
42	30	LDR BIAS	0.60017	0.60015	-2e-05
43	30	LDR BIAS	0.59973	0.59878	-0.00095
44	30	LDR BIAS	0.59971	0.59916	-0.00055
45	30	LDR BIAS	0.60035	0.59992	-0.00043
46	30	LDR UNBIAS	0.60039	0.60034	-5e-05
47	30	LDR UNBIAS	0.60006	0.59991	-0.00015
48	30	LDR UNBIAS	0.59995	0.59939	-0.00056
49	30	LDR UNBIAS	0.59991	0.59986	-5e-05
50	30	LDR UNBIAS	0.60017	0.59999	-0.00018
51	50	LDR BIAS	0.60004	0.59983	-0.00021
52	50	LDR BIAS	0.60017	0.6	-0.00017
53	50	LDR BIAS	0.59973	0.59839	-0.00134
54	50	LDR BIAS	0.59971	0.59903	-0.00068
55	50	LDR BIAS	0.60035	0.59977	-0.00058
56	50	LDR UNBIAS	0.60039	0.60047	8e-05
57	50	LDR UNBIAS	0.60006	0.59955	-0.00051
58	50	LDR UNBIAS	0.59995	0.5994	-0.00055
59	50	LDR UNBIAS	0.59991	0.59965	-0.00026
60	50	LDR UNBIAS	0.60017	0.60006	-0.00011
61	100	LDR BIAS	0.60004	0.59997	-7e-05
62	100	LDR BIAS	0.60017	0.59979	-0.00038
63	100	LDR BIAS	0.59973	0.59816	-0.00157
64	100	LDR BIAS	0.59971	0.59912	-0.00059
65	100	LDR BIAS	0.60035	0.59945	-0.0009
66	100	LDR UNBIAS	0.60039	0.60079	0.0004
67	100	LDR UNBIAS	0.60006	0.59967	-0.00039
68	100	LDR UNBIAS	0.59995	0.59956	-0.00039
69	100	LDR UNBIAS	0.59991	0.59961	-0.0003
70	100	LDR UNBIAS	0.60017	0.60078	0.00061



Test Statistics (V)

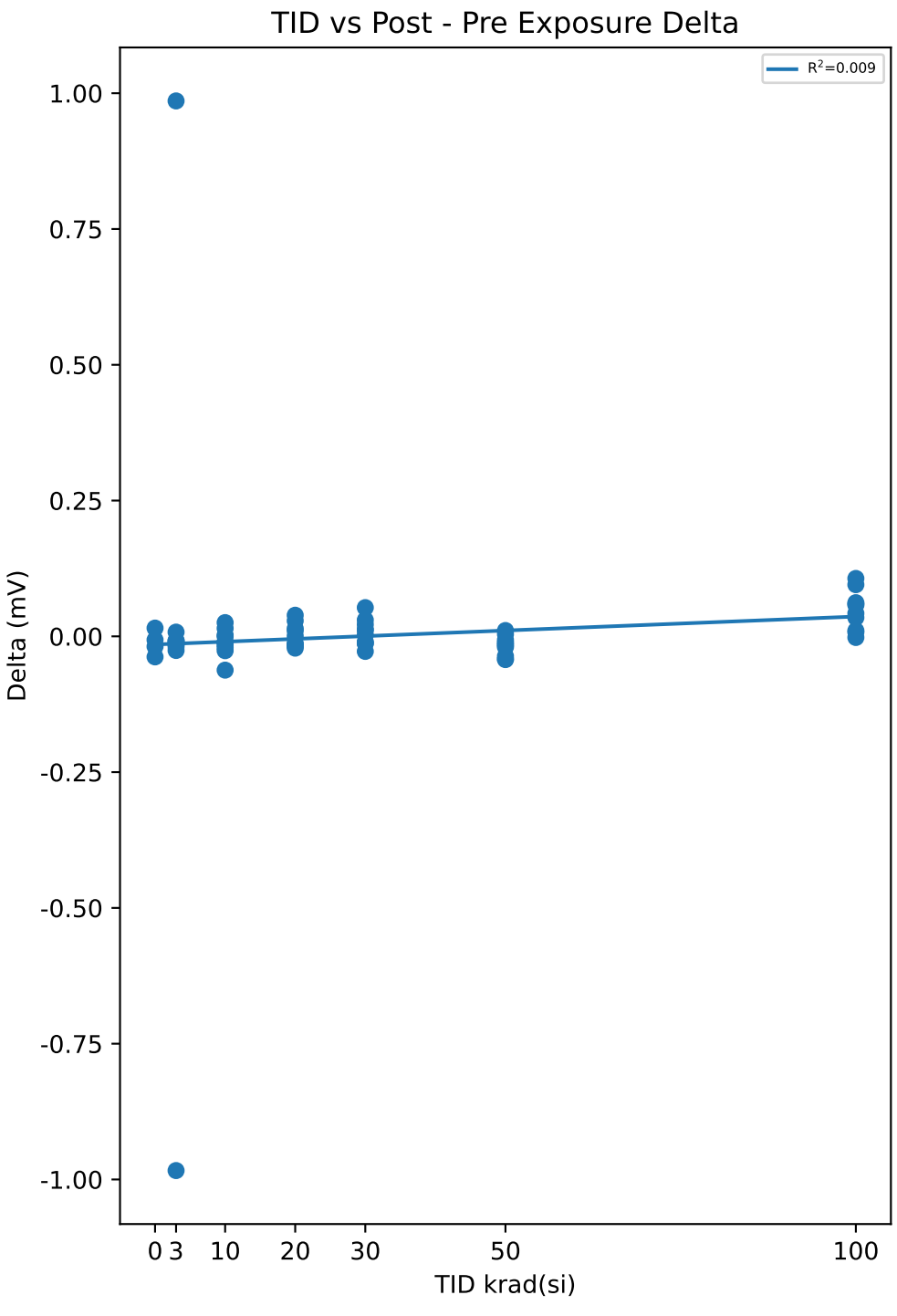
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59992	0.59994	0.59996	1.7321e-05	0.59988	0.59991	0.59993	2.3629e-05	-7e-05	-3.25e-05	-1e-05	2.63e-05
3	0.59971	0.60005	0.60039	0.00023146	0.59962	0.60003	0.60038	0.00025902	-0.0005	-1.4e-05	0.00052	0.00024277
10	0.59971	0.60005	0.60039	0.00023146	0.59935	0.59996	0.60031	0.00026641	-0.00036	-9e-05	0.00016	0.00017506
20	0.59971	0.60005	0.60039	0.00023146	0.59888	0.5998	0.60038	0.00044861	-0.00085	-0.000252	0.0001	0.00027808
30	0.59971	0.60005	0.60039	0.00023146	0.59878	0.59974	0.60034	0.0004795	-0.00095	-0.000309	-2e-05	0.00030395
50	0.59971	0.60005	0.60039	0.00023146	0.59839	0.59962	0.60047	0.00058138	-0.00134	-0.000433	8e-05	0.00040017
100	0.59971	0.60005	0.60039	0.00023146	0.59816	0.59969	0.60079	0.00076257	-0.00157	-0.000358	0.00061	0.00061617

Device Test: 19.57 VOLTAGE|OFFSET//12/12/0/0/5/1MHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

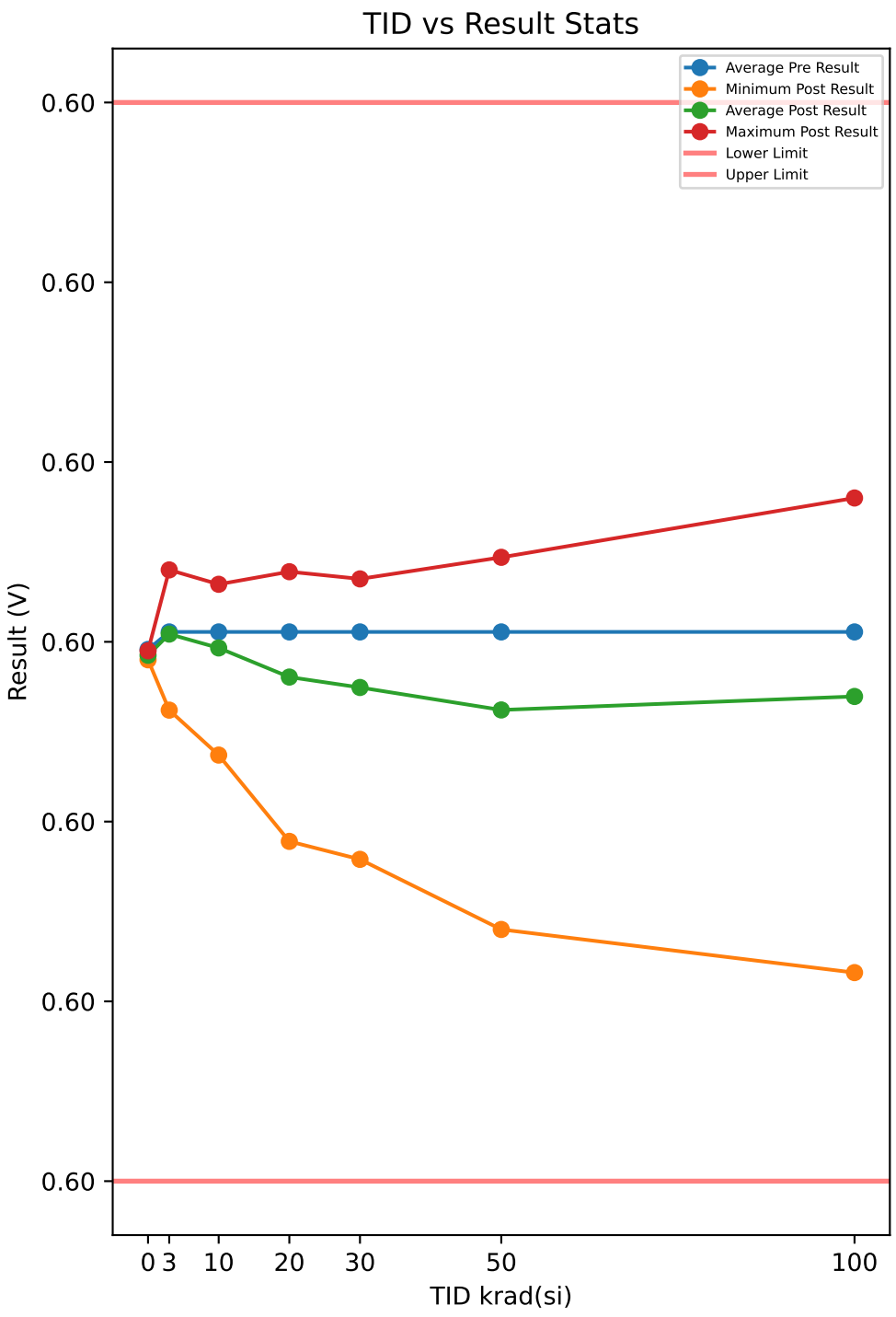
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0002	-0.0083	-0.0085
2	3	LDR BIAS	0.5624	-0.4212	-0.9836
3	3	LDR BIAS	-0.4146	0.5712	0.9858
4	3	LDR BIAS	0.9556	0.9634	0.0078
5	3	LDR BIAS	0.3093	0.2962	-0.0131
6	3	LDR UNBIAS	0.6139	0.5949	-0.019
7	3	LDR UNBIAS	0.5825	0.5565	-0.026
8	3	LDR UNBIAS	0.7638	0.7562	-0.0076
9	3	LDR UNBIAS	0.5073	0.4923	-0.015
10	3	LDR UNBIAS	0.5464	0.5368	-0.0096
11	0	CORRELATION	0.0767	0.0389	-0.0378
12	0	CORRELATION	0.8075	0.8011	-0.0064
13	0	CORRELATION	1.2929	1.2742	-0.0187
14	0	CORRELATION	0.0296	0.0448	0.0152
21	10	LDR BIAS	0.0002	-0.0101	-0.0103
22	10	LDR BIAS	0.5624	0.5877	0.0253
23	10	LDR BIAS	-0.4146	-0.4122	0.0024
24	10	LDR BIAS	0.9556	0.9703	0.0147
25	10	LDR BIAS	0.3093	0.3091	-0.0002
26	10	LDR UNBIAS	0.6139	0.6027	-0.0112
27	10	LDR UNBIAS	0.5825	0.5619	-0.0206
28	10	LDR UNBIAS	0.7638	0.7374	-0.0264
29	10	LDR UNBIAS	0.5073	0.4451	-0.0622
30	10	LDR UNBIAS	0.5464	0.5307	-0.0157
31	20	LDR BIAS	0.0002	0.0289	0.0287
32	20	LDR BIAS	0.5624	0.6013	0.0389
33	20	LDR BIAS	-0.4146	-0.4275	-0.0129
34	20	LDR BIAS	0.9556	0.966	0.0104
35	20	LDR BIAS	0.3093	0.3098	0.0005
36	20	LDR UNBIAS	0.6139	0.5964	-0.0175
37	20	LDR UNBIAS	0.5825	0.5676	-0.0149
38	20	LDR UNBIAS	0.7638	0.7421	-0.0217
39	20	LDR UNBIAS	0.5073	0.4896	-0.0177
40	20	LDR UNBIAS	0.5464	0.5608	0.0144
41	30	LDR BIAS	0.0002	0.0127	0.0125
42	30	LDR BIAS	0.5624	0.6153	0.0529
43	30	LDR BIAS	-0.4146	-0.4028	0.0118
44	30	LDR BIAS	0.9556	0.9858	0.0302
45	30	LDR BIAS	0.3093	0.2968	-0.0125
46	30	LDR UNBIAS	0.6139	0.6041	-0.0098
47	30	LDR UNBIAS	0.5825	0.5691	-0.0134
48	30	LDR UNBIAS	0.7638	0.7666	0.0028
49	30	LDR UNBIAS	0.5073	0.4796	-0.0277
50	30	LDR UNBIAS	0.5464	0.5681	0.0217
51	50	LDR BIAS	0.0002	-0.0137	-0.0139
52	50	LDR BIAS	0.5624	0.5456	-0.0168
53	50	LDR BIAS	-0.4146	-0.4345	-0.0199
54	50	LDR BIAS	0.9556	0.9663	0.0107
55	50	LDR BIAS	0.3093	0.2729	-0.0364
56	50	LDR UNBIAS	0.6139	0.6028	-0.0111
57	50	LDR UNBIAS	0.5825	0.5397	-0.0428
58	50	LDR UNBIAS	0.7638	0.7572	-0.0066
59	50	LDR UNBIAS	0.5073	0.4656	-0.0417
60	50	LDR UNBIAS	0.5464	0.5503	0.0039
61	100	LDR BIAS	0.0002	0.0953	0.0951
62	100	LDR BIAS	0.5624	0.6048	0.0424
63	100	LDR BIAS	-0.4146	-0.3548	0.0598
64	100	LDR BIAS	0.9556	1.0176	0.062
65	100	LDR BIAS	0.3093	0.317	0.0077
66	100	LDR UNBIAS	0.6139	0.6484	0.0345
67	100	LDR UNBIAS	0.5825	0.5804	-0.0021
68	100	LDR UNBIAS	0.7638	0.7744	0.0106
69	100	LDR UNBIAS	0.5073	0.5649	0.0576
70	100	LDR UNBIAS	0.5464	0.653	0.1066



Test Statistics (mV)

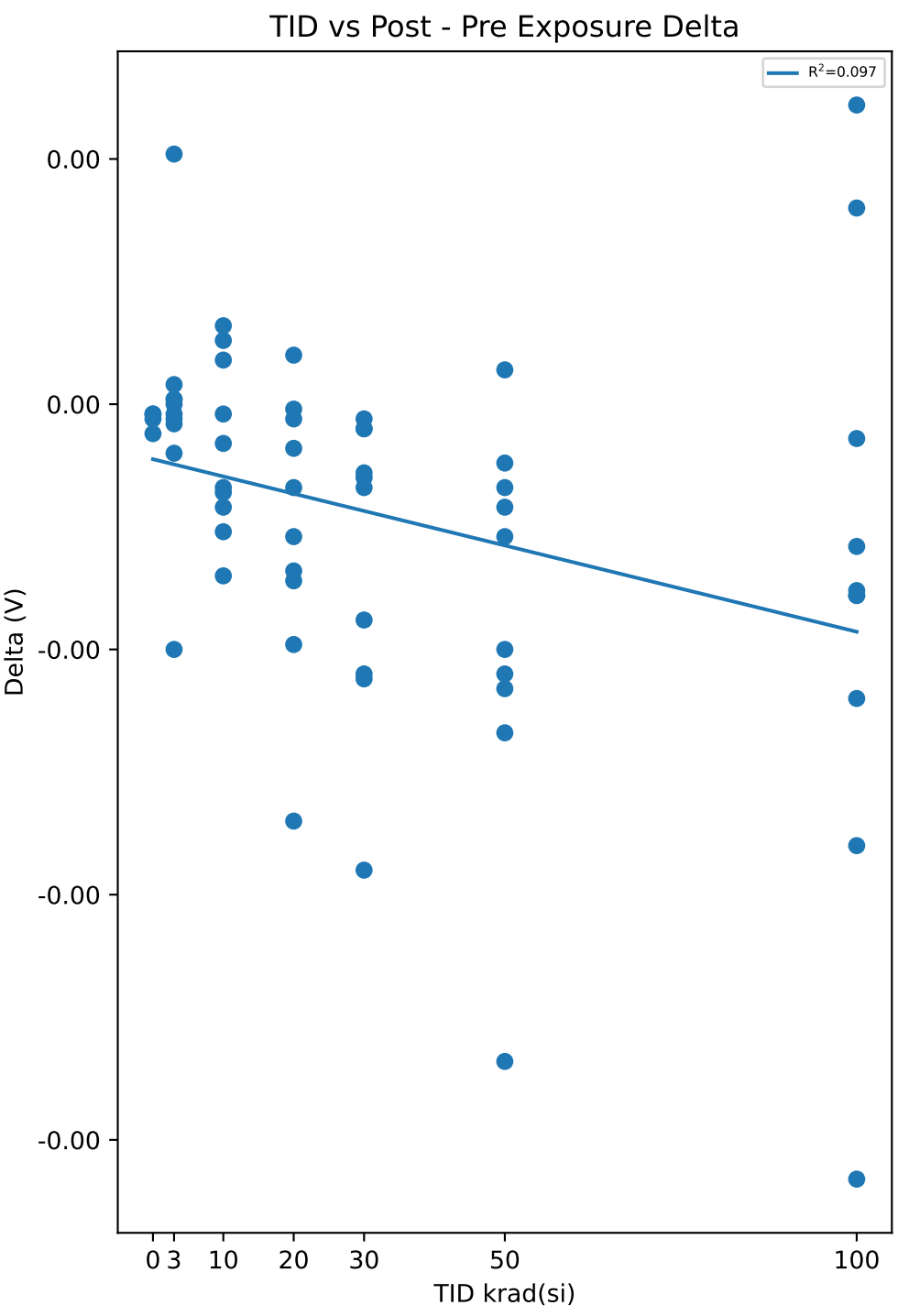
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.0296	0.55167	1.2929	0.6091	0.0389	0.53975	1.2742	0.60651	-0.0378	-0.011925	0.0152	0.022224
3	-0.4146	0.44268	0.9556	0.3934	-0.4212	0.4338	0.9634	0.39493	-0.9836	-0.00888	0.9858	0.4643
10	-0.4146	0.44268	0.9556	0.3934	-0.4122	0.43226	0.9703	0.39249	-0.0622	-0.01042	0.0253	0.024139
20	-0.4146	0.44268	0.9556	0.3934	-0.4275	0.4435	0.966	0.39301	-0.0217	0.00082	0.0389	0.021408
30	-0.4146	0.44268	0.9556	0.3934	-0.4028	0.44953	0.9858	0.39572	-0.0277	0.00685	0.0529	0.024071
50	-0.4146	0.44268	0.9556	0.3934	-0.4345	0.42522	0.9663	0.39922	-0.0428	-0.01746	0.0107	0.018303
100	-0.4146	0.44268	0.9556	0.3934	-0.3548	0.4901	1.0176	0.38547	-0.0021	0.04742	0.1066	0.036244

Device Test: 19.58 VOLTAGE|VREF//14/14/0/0/5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

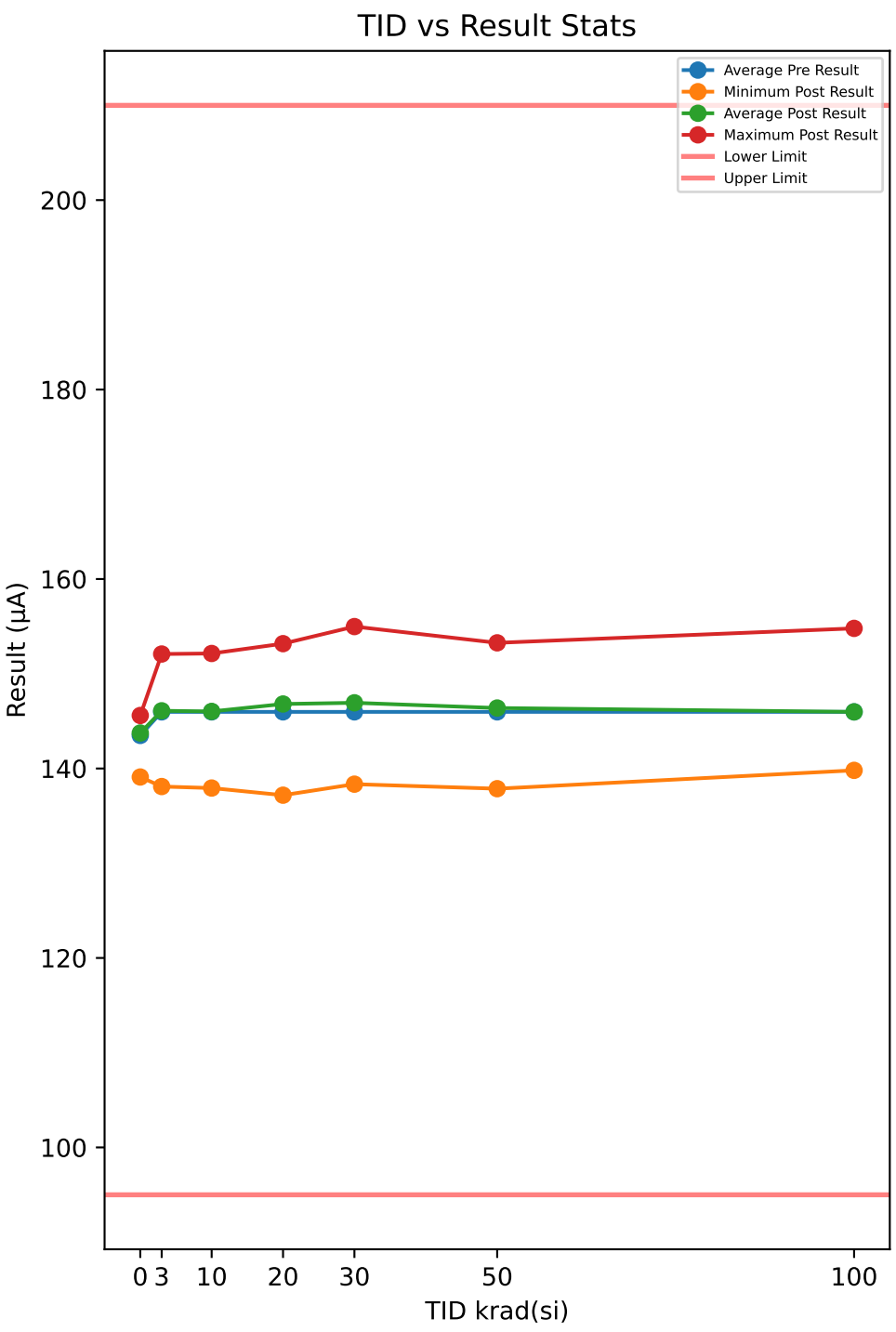
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60004	0.60008	4e-05
2	3	LDR BIAS	0.60018	0.59968	-0.0005
3	3	LDR BIAS	0.59974	0.60025	0.00051
4	3	LDR BIAS	0.59972	0.59962	-0.0001
5	3	LDR BIAS	0.60035	0.60033	-2e-05
6	3	LDR UNBIAS	0.6004	0.6004	0
7	3	LDR UNBIAS	0.60006	0.60002	-4e-05
8	3	LDR UNBIAS	0.59996	0.59997	1e-05
9	3	LDR UNBIAS	0.59992	0.59989	-3e-05
10	3	LDR UNBIAS	0.60018	0.60019	1e-05
11	0	CORRELATION	0.59996	0.5999	-6e-05
12	0	CORRELATION	0.59997	0.59995	-2e-05
13	0	CORRELATION	0.59993	0.59991	-2e-05
14	0	CORRELATION	0.59997	0.59994	-3e-05
21	10	LDR BIAS	0.60004	0.60013	9e-05
22	10	LDR BIAS	0.60018	0.60016	-2e-05
23	10	LDR BIAS	0.59974	0.5999	0.00016
24	10	LDR BIAS	0.59972	0.59937	-0.00035
25	10	LDR BIAS	0.60035	0.60009	-0.00026
26	10	LDR UNBIAS	0.6004	0.60032	-8e-05
27	10	LDR UNBIAS	0.60006	0.59988	-0.00018
28	10	LDR UNBIAS	0.59996	0.59975	-0.00021
29	10	LDR UNBIAS	0.59992	0.60005	0.00013
30	10	LDR UNBIAS	0.60018	0.60001	-0.00017
31	20	LDR BIAS	0.60004	0.60014	0.0001
32	20	LDR BIAS	0.60018	0.60009	-9e-05
33	20	LDR BIAS	0.59974	0.59889	-0.00085
34	20	LDR BIAS	0.59972	0.59923	-0.00049
35	20	LDR BIAS	0.60035	0.59999	-0.00036
36	20	LDR UNBIAS	0.6004	0.60039	-1e-05
37	20	LDR UNBIAS	0.60006	0.59979	-0.00027
38	20	LDR UNBIAS	0.59996	0.59962	-0.00034
39	20	LDR UNBIAS	0.59992	0.59989	-3e-05
40	20	LDR UNBIAS	0.60018	0.60001	-0.00017
41	30	LDR BIAS	0.60004	0.5999	-0.00014
42	30	LDR BIAS	0.60018	0.60015	-3e-05
43	30	LDR BIAS	0.59974	0.59879	-0.00095
44	30	LDR BIAS	0.59972	0.59917	-0.00055
45	30	LDR BIAS	0.60035	0.59991	-0.00044
46	30	LDR UNBIAS	0.6004	0.60035	-5e-05
47	30	LDR UNBIAS	0.60006	0.59991	-0.00015
48	30	LDR UNBIAS	0.59996	0.5994	-0.00056
49	30	LDR UNBIAS	0.59992	0.59987	-5e-05
50	30	LDR UNBIAS	0.60018	0.60001	-0.00017
51	50	LDR BIAS	0.60004	0.59983	-0.00021
52	50	LDR BIAS	0.60018	0.60001	-0.00017
53	50	LDR BIAS	0.59974	0.5984	-0.00134
54	50	LDR BIAS	0.59972	0.59905	-0.00067
55	50	LDR BIAS	0.60035	0.59977	-0.00058
56	50	LDR UNBIAS	0.6004	0.60047	7e-05
57	50	LDR UNBIAS	0.60006	0.59956	-0.0005
58	50	LDR UNBIAS	0.59996	0.59941	-0.00055
59	50	LDR UNBIAS	0.59992	0.59965	-0.00027
60	50	LDR UNBIAS	0.60018	0.60006	-0.00012
61	100	LDR BIAS	0.60004	0.59997	-7e-05
62	100	LDR BIAS	0.60018	0.5998	-0.00038
63	100	LDR BIAS	0.59974	0.59816	-0.00158
64	100	LDR BIAS	0.59972	0.59912	-0.0006
65	100	LDR BIAS	0.60035	0.59945	-0.0009
66	100	LDR UNBIAS	0.6004	0.6008	0.0004
67	100	LDR UNBIAS	0.60006	0.59967	-0.00039
68	100	LDR UNBIAS	0.59996	0.59957	-0.00039
69	100	LDR UNBIAS	0.59992	0.59963	-0.00029
70	100	LDR UNBIAS	0.60018	0.60079	0.00061



Test Statistics (V)

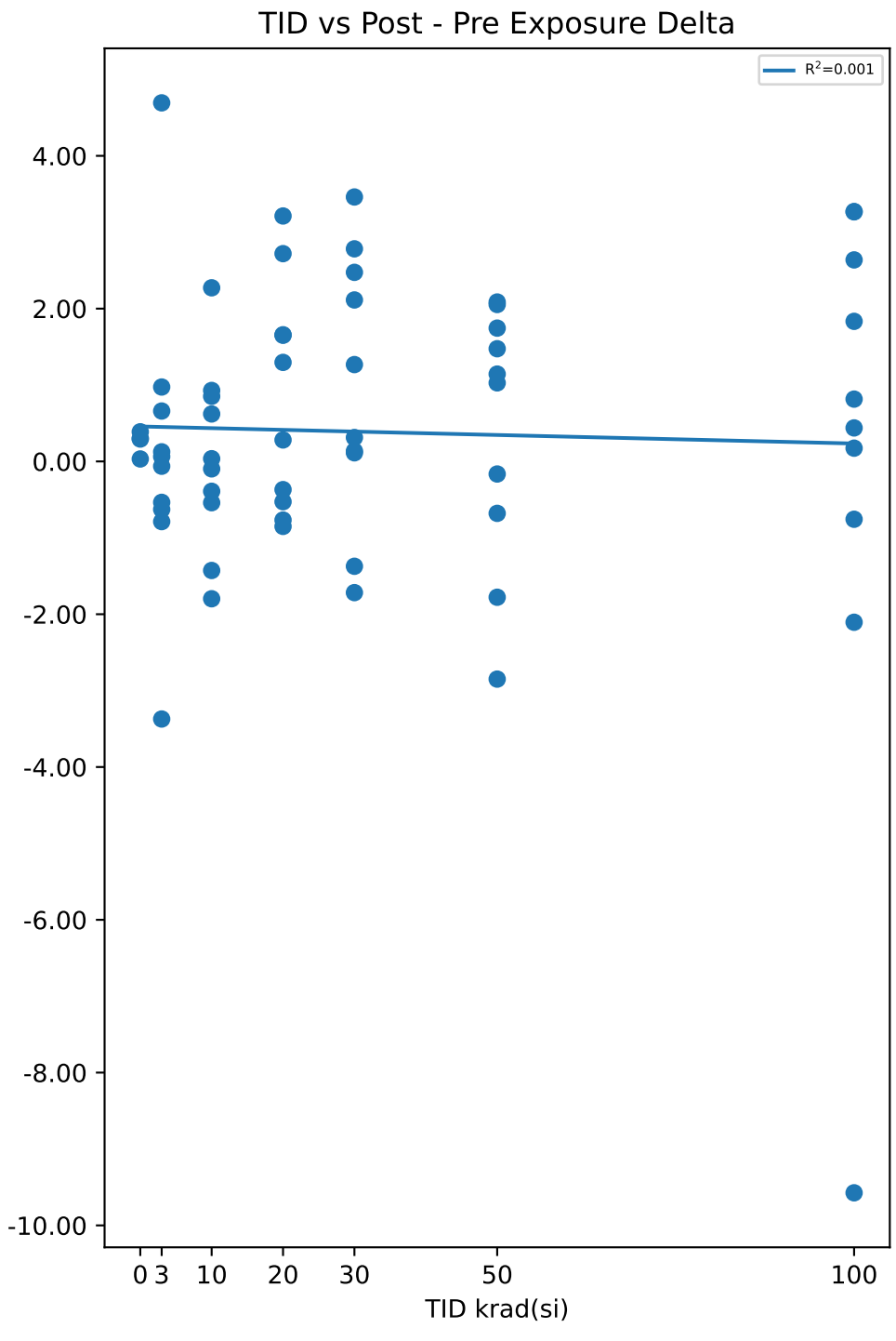
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59993	0.59996	0.59997	1.893e-05	0.5999	0.59993	0.59995	2.3805e-05	-6e-05	-3.25e-05	-2e-05	1.893e-05
3	0.59972	0.60006	0.6004	0.00023004	0.59962	0.60004	0.6004	0.00026154	-0.0005	-1.2e-05	0.00051	0.00024115
10	0.59972	0.60006	0.6004	0.00023004	0.59937	0.59997	0.60032	0.00026412	-0.00035	-8.9e-05	0.00016	0.00017438
20	0.59972	0.60006	0.6004	0.00023004	0.59889	0.5998	0.60039	0.00044987	-0.00085	-0.000251	0.0001	0.00027863
30	0.59972	0.60006	0.6004	0.00023004	0.59879	0.59975	0.60035	0.00047796	-0.00095	-0.000309	-3e-05	0.00030446
50	0.59972	0.60006	0.6004	0.00023004	0.5984	0.59962	0.60047	0.00057703	-0.00134	-0.000434	7e-05	0.00039652
100	0.59972	0.60006	0.6004	0.00023004	0.59816	0.5997	0.6008	0.00076551	-0.00158	-0.000359	0.00061	0.0006189

Device Test: 19.6 CURRENT|EA_SOURCE//5/5/0/0/5/500kHz//@EA_I_SOURCE



Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

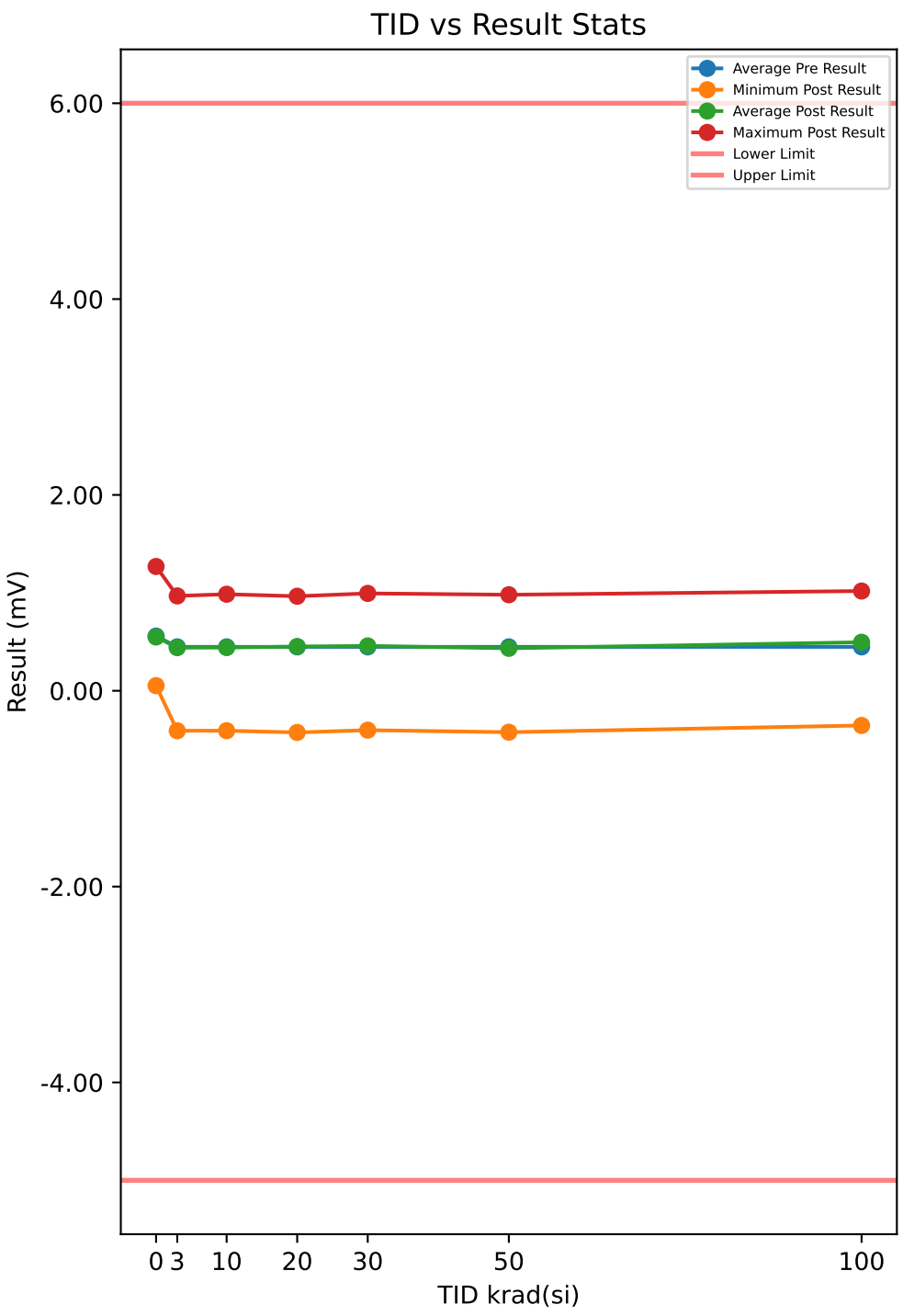
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.14	149.51	-0.6285
2	3	LDR BIAS	151.52	148.15	-3.3717
3	3	LDR BIAS	147.39	152.08	4.6935
4	3	LDR BIAS	144.55	145.21	0.6598
5	3	LDR BIAS	145.71	145.84	0.1257
6	3	LDR UNBIAS	138.03	138.1	0.063
7	3	LDR UNBIAS	142.73	142.19	-0.5355
8	3	LDR UNBIAS	143.48	144.46	0.974
9	3	LDR UNBIAS	146.84	146.78	-0.0629
10	3	LDR UNBIAS	149.38	148.59	-0.7878
11	0	CORRELATION	145.56	145.6	0.0322
12	0	CORRELATION	138.8	139.1	0.3015
13	0	CORRELATION	144.61	145	0.388
14	0	CORRELATION	145	145.29	0.2931
21	10	LDR BIAS	150.14	148.34	-1.7976
22	10	LDR BIAS	151.52	152.14	0.6214
23	10	LDR BIAS	147.39	149.66	2.2727
24	10	LDR BIAS	144.55	144.16	-0.3909
25	10	LDR BIAS	145.71	145.75	0.0355
26	10	LDR UNBIAS	138.03	137.94	-0.0973
27	10	LDR UNBIAS	142.73	142.19	-0.5403
28	10	LDR UNBIAS	143.48	144.41	0.9289
29	10	LDR UNBIAS	146.84	147.69	0.8524
30	10	LDR UNBIAS	149.38	147.95	-1.4274
31	20	LDR BIAS	150.14	149.77	-0.3689
32	20	LDR BIAS	151.52	153.18	1.6578
33	20	LDR BIAS	147.39	150.6	3.2127
34	20	LDR BIAS	144.55	146.2	1.6514
35	20	LDR BIAS	145.71	145.18	-0.5275
36	20	LDR UNBIAS	138.03	137.18	-0.8505
37	20	LDR UNBIAS	142.73	141.96	-0.7673
38	20	LDR UNBIAS	143.48	146.2	2.7197
39	20	LDR UNBIAS	146.84	148.14	1.2963
40	20	LDR UNBIAS	149.38	149.66	0.281
41	30	LDR BIAS	150.14	150.28	0.1358
42	30	LDR BIAS	151.52	154.98	3.4614
43	30	LDR BIAS	147.39	149.87	2.4749
44	30	LDR BIAS	144.55	147.33	2.7828
45	30	LDR BIAS	145.71	143.99	-1.7173
46	30	LDR UNBIAS	138.03	138.35	0.3131
47	30	LDR UNBIAS	142.73	141.36	-1.3724
48	30	LDR UNBIAS	143.48	143.59	0.1127
49	30	LDR UNBIAS	146.84	148.11	1.2676
50	30	LDR UNBIAS	149.38	151.49	2.1135
51	50	LDR BIAS	150.14	151.29	1.1433
52	50	LDR BIAS	151.52	153.26	1.7448
53	50	LDR BIAS	147.39	148.87	1.475
54	50	LDR BIAS	144.55	146.6	2.054
55	50	LDR BIAS	145.71	143.93	-1.7779
56	50	LDR UNBIAS	138.03	137.87	-0.1647
57	50	LDR UNBIAS	142.73	139.88	-2.8493
58	50	LDR UNBIAS	143.48	142.8	-0.6796
59	50	LDR UNBIAS	146.84	148.93	2.0866
60	50	LDR UNBIAS	149.38	150.41	1.0282
61	100	LDR BIAS	150.14	150.58	0.4385
62	100	LDR BIAS	151.52	154.79	3.2706
63	100	LDR BIAS	147.39	147.56	0.1735
64	100	LDR BIAS	144.55	147.19	2.6378
65	100	LDR BIAS	145.71	143.61	-2.1051
66	100	LDR UNBIAS	138.03	139.87	1.8335
67	100	LDR UNBIAS	142.73	141.97	-0.757
68	100	LDR UNBIAS	143.48	144.3	0.8156
69	100	LDR UNBIAS	146.84	150.11	3.2671
70	100	LDR UNBIAS	149.38	139.8	-9.5734



Test Statistics (µA)

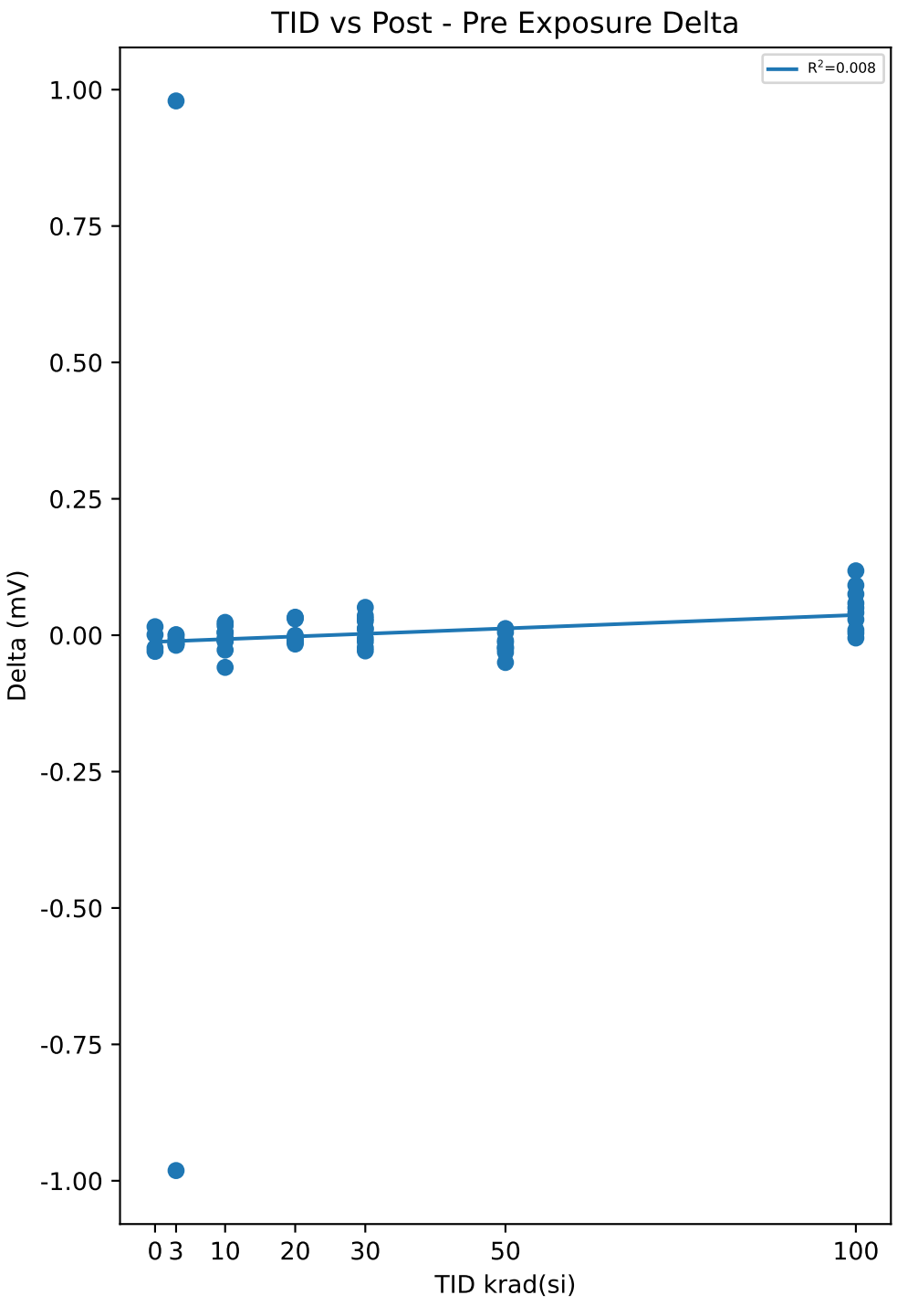
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	138.8	143.49	145.56	3.1533	139.1	143.75	145.6	3.1066	0.0322	0.2537	0.388	0.15377
3	138.03	145.98	151.52	4.0052	138.1	146.09	152.08	3.961	-3.3717	0.11296	4.6935	1.9994
10	138.03	145.98	151.52	4.0052	137.94	146.02	152.14	4.0667	-1.7976	0.04574	2.2727	1.1946
20	138.03	145.98	151.52	4.0052	137.18	146.81	153.18	4.633	-0.8505	0.83047	3.2127	1.4826
30	138.03	145.98	151.52	4.0052	138.35	146.93	154.98	5.0717	-1.7173	0.95721	3.4614	1.7551
50	138.03	145.98	151.52	4.0052	137.87	146.38	153.26	5.0978	-2.8493	0.40604	2.0866	1.7087
100	138.03	145.98	151.52	4.0052	139.8	145.98	154.79	4.9426	-9.5734	0.00011	3.2706	3.7893

Device Test: 19.60 VOLTAGE|OFFSET//14/14/0/0/5/1MHz//@EA_OS



Test Results (Lower Limit = -5.0, Upper Limit = 6.0 (mV))

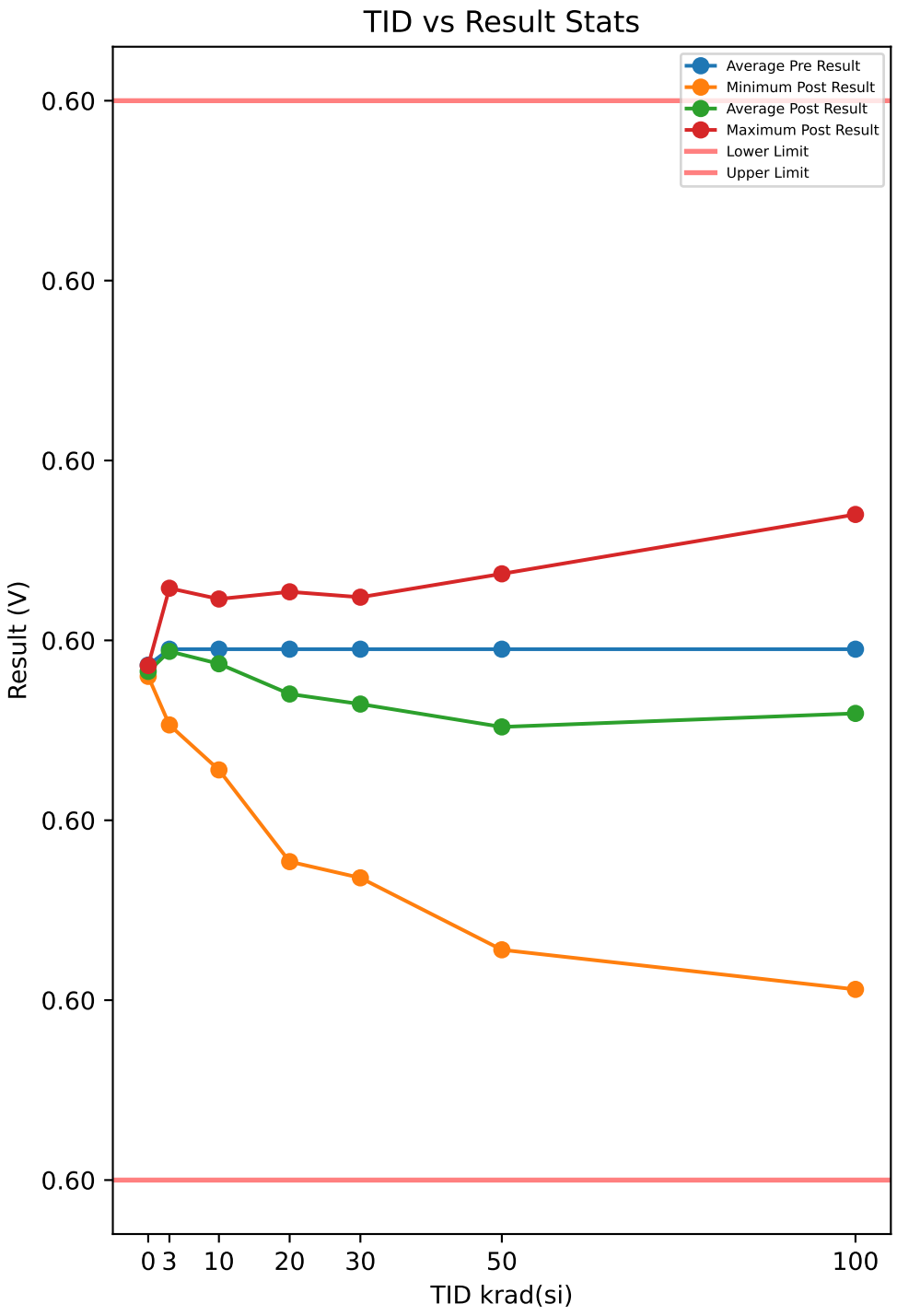
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0032	-0.0024	-0.0056
2	3	LDR BIAS	0.5729	-0.4084	-0.9813
3	3	LDR BIAS	-0.4133	0.566	0.9793
4	3	LDR BIAS	0.9684	0.9684	0
5	3	LDR BIAS	0.3142	0.3057	-0.0085
6	3	LDR UNBIAS	0.6263	0.6078	-0.0185
7	3	LDR UNBIAS	0.5809	0.5661	-0.0148
8	3	LDR UNBIAS	0.7677	0.7508	-0.0169
9	3	LDR UNBIAS	0.5134	0.4989	-0.0145
10	3	LDR UNBIAS	0.5481	0.5491	0.001
11	0	CORRELATION	0.0803	0.057	-0.0233
12	0	CORRELATION	0.8162	0.8171	0.0009
13	0	CORRELATION	1.2989	1.2692	-0.0297
14	0	CORRELATION	0.0367	0.0523	0.0156
21	10	LDR BIAS	0.0032	-0.0014	-0.0046
22	10	LDR BIAS	0.5729	0.5964	0.0235
23	10	LDR BIAS	-0.4133	-0.4079	0.0054
24	10	LDR BIAS	0.9684	0.9859	0.0175
25	10	LDR BIAS	0.3142	0.319	0.0048
26	10	LDR UNBIAS	0.6263	0.6169	-0.0094
27	10	LDR UNBIAS	0.5809	0.5723	-0.0086
28	10	LDR UNBIAS	0.7677	0.7405	-0.0272
29	10	LDR UNBIAS	0.5134	0.4544	-0.059
30	10	LDR UNBIAS	0.5481	0.5366	-0.0115
31	20	LDR BIAS	0.0032	0.033	0.0298
32	20	LDR BIAS	0.5729	0.6049	0.032
33	20	LDR BIAS	-0.4133	-0.4257	-0.0124
34	20	LDR BIAS	0.9684	0.9653	-0.0031
35	20	LDR BIAS	0.3142	0.3139	-0.0003
36	20	LDR UNBIAS	0.6263	0.6138	-0.0125
37	20	LDR UNBIAS	0.5809	0.569	-0.0119
38	20	LDR UNBIAS	0.7677	0.7615	-0.0062
39	20	LDR UNBIAS	0.5134	0.4972	-0.0162
40	20	LDR UNBIAS	0.5481	0.5811	0.033
41	30	LDR BIAS	0.0032	0.0333	0.0301
42	30	LDR BIAS	0.5729	0.6239	0.051
43	30	LDR BIAS	-0.4133	-0.4023	0.011
44	30	LDR BIAS	0.9684	0.9942	0.0258
45	30	LDR BIAS	0.3142	0.2917	-0.0225
46	30	LDR UNBIAS	0.6263	0.6207	-0.0056
47	30	LDR UNBIAS	0.5809	0.569	-0.0119
48	30	LDR UNBIAS	0.7677	0.7802	0.0125
49	30	LDR UNBIAS	0.5134	0.4846	-0.0288
50	30	LDR UNBIAS	0.5481	0.5839	0.0358
51	50	LDR BIAS	0.0032	-0.01	-0.0132
52	50	LDR BIAS	0.5729	0.5504	-0.0225
53	50	LDR BIAS	-0.4133	-0.4231	-0.0098
54	50	LDR BIAS	0.9684	0.9805	0.0121
55	50	LDR BIAS	0.3142	0.2826	-0.0316
56	50	LDR UNBIAS	0.6263	0.6046	-0.0217
57	50	LDR UNBIAS	0.5809	0.5551	-0.0258
58	50	LDR UNBIAS	0.7677	0.7792	0.0115
59	50	LDR UNBIAS	0.5134	0.4634	-0.05
60	50	LDR UNBIAS	0.5481	0.5532	0.0051
61	100	LDR BIAS	0.0032	0.0947	0.0915
62	100	LDR BIAS	0.5729	0.6142	0.0413
63	100	LDR BIAS	-0.4133	-0.3547	0.0586
64	100	LDR BIAS	0.9684	1.0185	0.0501
65	100	LDR BIAS	0.3142	0.3182	0.004
66	100	LDR UNBIAS	0.6263	0.655	0.0287
67	100	LDR UNBIAS	0.5809	0.5758	-0.0051
68	100	LDR UNBIAS	0.7677	0.7774	0.0097
69	100	LDR UNBIAS	0.5134	0.5887	0.0753
70	100	LDR UNBIAS	0.5481	0.6661	0.118

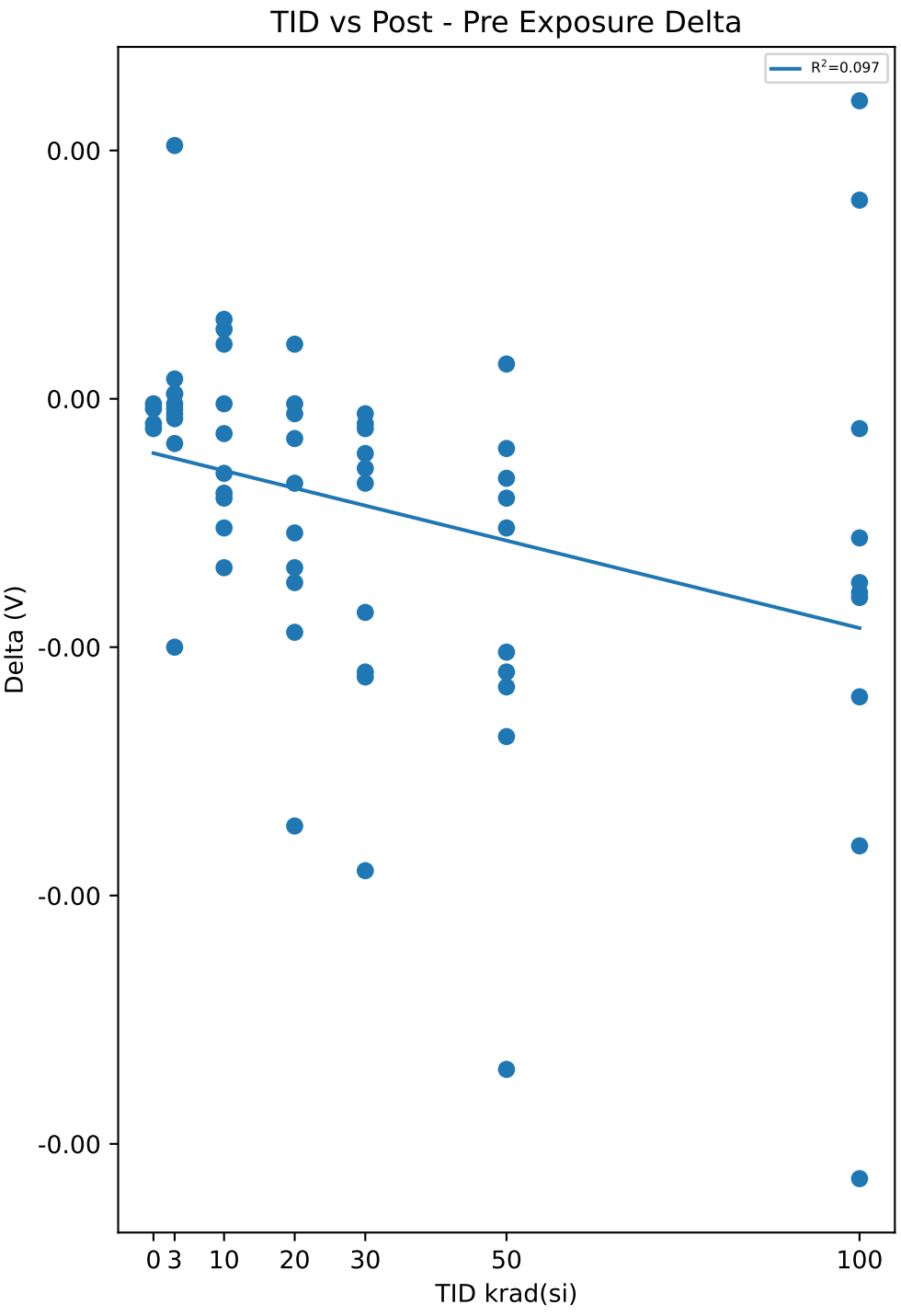


Test Statistics (mV)

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	0.0367	0.55802	1.2989	0.6098	0.0523	0.5489	1.2692	0.59982	-0.0297	-0.009125	0.0156	0.021104
3	-0.4133	0.44818	0.9684	0.39581	-0.4084	0.4402	0.9684	0.39224	-0.9813	-0.00798	0.9793	0.46218
10	-0.4133	0.44818	0.9684	0.39581	-0.4079	0.44127	0.9859	0.39433	-0.059	-0.00691	0.0235	0.023499
20	-0.4133	0.44818	0.9684	0.39581	-0.4257	0.4514	0.9653	0.39528	-0.0162	0.00322	0.033	0.020165
30	-0.4133	0.44818	0.9684	0.39581	-0.4023	0.45792	0.9942	0.39754	-0.0288	0.00974	0.051	0.02644
50	-0.4133	0.44818	0.9684	0.39581	-0.4231	0.43359	0.9805	0.40068	-0.05	-0.01459	0.0121	0.019966
100	-0.4133	0.44818	0.9684	0.39581	-0.3547	0.49539	1.0185	0.38754	-0.0051	0.04721	0.118	0.039844

Device Test: 19.61 VOLTAGE|VREF//4.5/4.5/0/1000/4.5/100kHz//@VREF_25C





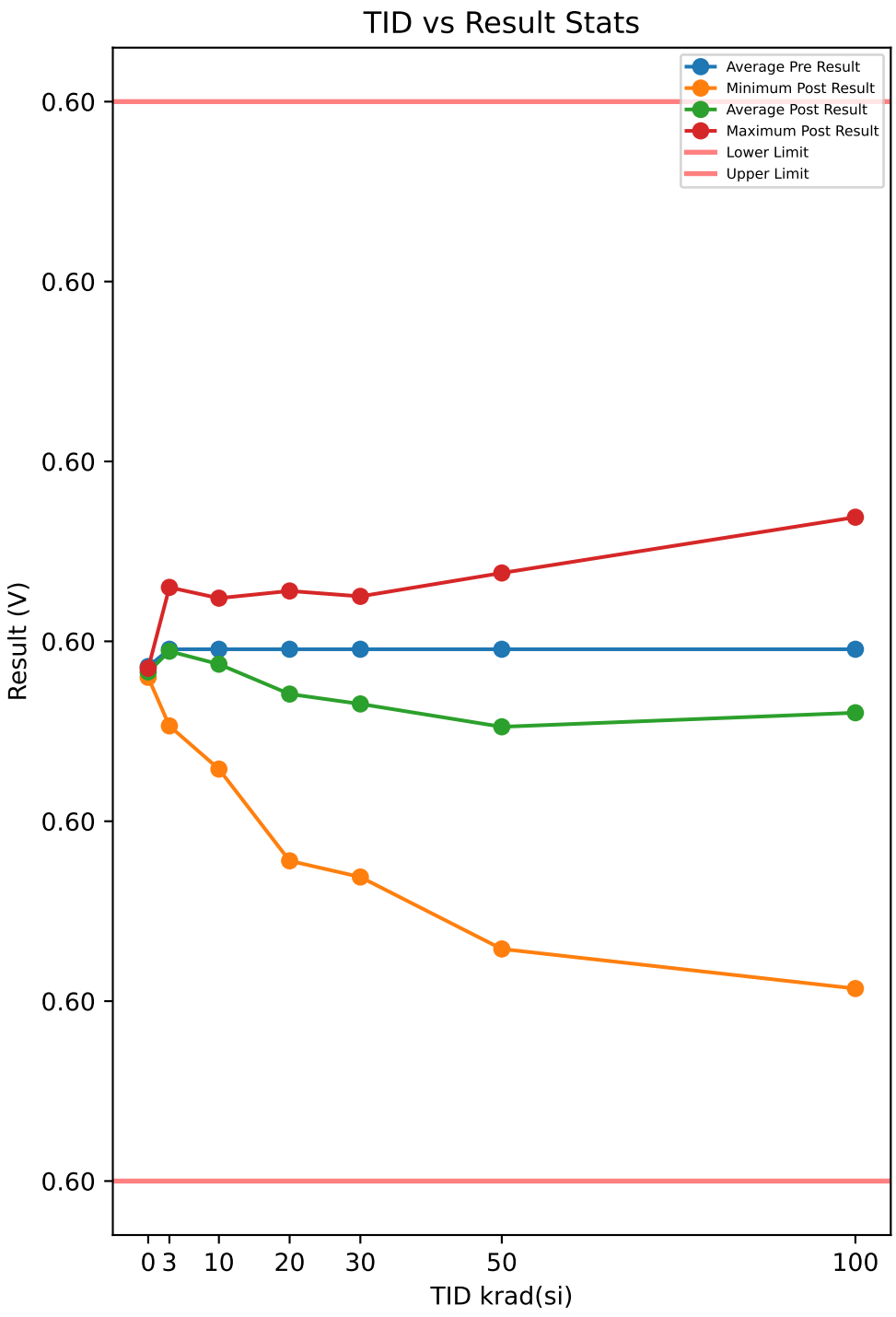
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

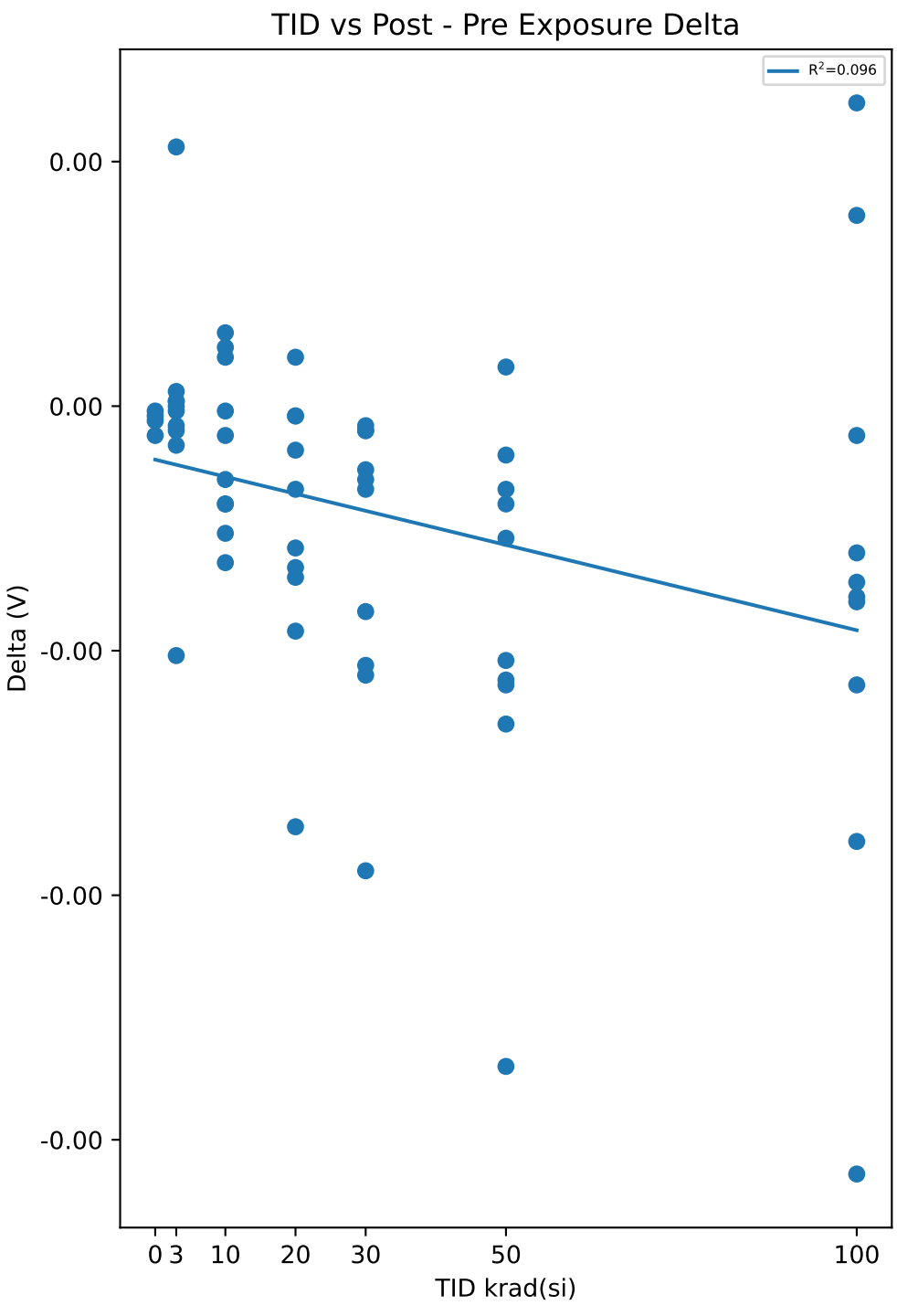
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59995	0.59999	4e-05
2	3	LDR BIAS	0.60006	0.59956	-0.0005
3	3	LDR BIAS	0.59963	0.60014	0.00051
4	3	LDR BIAS	0.59962	0.59953	-9e-05
5	3	LDR BIAS	0.60024	0.60022	-2e-05
6	3	LDR UNBIAS	0.6003	0.60029	-1e-05
7	3	LDR UNBIAS	0.59997	0.59993	-4e-05
8	3	LDR UNBIAS	0.59985	0.59986	1e-05
9	3	LDR UNBIAS	0.59981	0.59978	-3e-05
10	3	LDR UNBIAS	0.60008	0.60009	1e-05
11	0	CORRELATION	0.59986	0.5998	-6e-05
12	0	CORRELATION	0.59988	0.59983	-5e-05
13	0	CORRELATION	0.59983	0.59982	-1e-05
14	0	CORRELATION	0.59988	0.59986	-2e-05
21	10	LDR BIAS	0.59995	0.60006	0.00011
22	10	LDR BIAS	0.60006	0.60005	-1e-05
23	10	LDR BIAS	0.59963	0.59979	0.00016
24	10	LDR BIAS	0.59962	0.59928	-0.00034
25	10	LDR BIAS	0.60024	0.59998	-0.00026
26	10	LDR UNBIAS	0.6003	0.60023	-7e-05
27	10	LDR UNBIAS	0.59997	0.59978	-0.00019
28	10	LDR UNBIAS	0.59985	0.59965	-0.0002
29	10	LDR UNBIAS	0.59981	0.59995	0.00014
30	10	LDR UNBIAS	0.60008	0.59993	-0.00015
31	20	LDR BIAS	0.59995	0.60006	0.00011
32	20	LDR BIAS	0.60006	0.59998	-8e-05
33	20	LDR BIAS	0.59963	0.59877	-0.00086
34	20	LDR BIAS	0.59962	0.59915	-0.00047
35	20	LDR BIAS	0.60024	0.59987	-0.00037
36	20	LDR UNBIAS	0.6003	0.60027	-3e-05
37	20	LDR UNBIAS	0.59997	0.5997	-0.00027
38	20	LDR UNBIAS	0.59985	0.59951	-0.00034
39	20	LDR UNBIAS	0.59981	0.5998	-1e-05
40	20	LDR UNBIAS	0.60008	0.59991	-0.00017
41	30	LDR BIAS	0.59995	0.59984	-0.00011
42	30	LDR BIAS	0.60006	0.60001	-5e-05
43	30	LDR BIAS	0.59963	0.59868	-0.00095
44	30	LDR BIAS	0.59962	0.59907	-0.00055
45	30	LDR BIAS	0.60024	0.59981	-0.00043
46	30	LDR UNBIAS	0.6003	0.60024	-6e-05
47	30	LDR UNBIAS	0.59997	0.59983	-0.00014
48	30	LDR UNBIAS	0.59985	0.59929	-0.00056
49	30	LDR UNBIAS	0.59981	0.59978	-3e-05
50	30	LDR UNBIAS	0.60008	0.59991	-0.00017
51	50	LDR BIAS	0.59995	0.59975	-0.0002
52	50	LDR BIAS	0.60006	0.5999	-0.00016
53	50	LDR BIAS	0.59963	0.59828	-0.00135
54	50	LDR BIAS	0.59962	0.59894	-0.00068
55	50	LDR BIAS	0.60024	0.59966	-0.00058
56	50	LDR UNBIAS	0.6003	0.60037	7e-05
57	50	LDR UNBIAS	0.59997	0.59946	-0.00051
58	50	LDR UNBIAS	0.59985	0.5993	-0.00055
59	50	LDR UNBIAS	0.59981	0.59955	-0.00026
60	50	LDR UNBIAS	0.60008	0.59998	-0.0001
61	100	LDR BIAS	0.59995	0.59989	-6e-05
62	100	LDR BIAS	0.60006	0.59969	-0.00037
63	100	LDR BIAS	0.59963	0.59806	-0.00157
64	100	LDR BIAS	0.59962	0.59902	-0.0006
65	100	LDR BIAS	0.60024	0.59934	-0.0009
66	100	LDR UNBIAS	0.6003	0.6007	0.0004
67	100	LDR UNBIAS	0.59997	0.59958	-0.00039
68	100	LDR UNBIAS	0.59985	0.59945	-0.0004
69	100	LDR UNBIAS	0.59981	0.59953	-0.00028
70	100	LDR UNBIAS	0.60008	0.60068	0.0006

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	0.59983	0.59986	0.59988	2.3629e-05	0.5998	0.59983	0.59986	2.5e-05	-6e-05	-3.5e-05	-1e-05	2.3805e-05
3	0.59962	0.59995	0.6003	0.00023019	0.59953	0.59994	0.60029	0.00026045	-0.0005	-1.2e-05	0.00051	0.00024073
10	0.59962	0.59995	0.6003	0.00023019	0.59928	0.59987	0.60023	0.00026483	-0.00034	-8.1e-05	0.00016	0.00017591
20	0.59962	0.59995	0.6003	0.00023019	0.59877	0.5997	0.60027	0.00044961	-0.00086	-0.000249	0.00011	0.00028172
30	0.59962	0.59995	0.6003	0.00023019	0.59868	0.59965	0.60024	0.00047878	-0.00095	-0.000305	-3e-05	0.00030566
50	0.59962	0.59995	0.6003	0.00023019	0.59828	0.59952	0.60037	0.0005848	-0.00135	-0.000432	7e-05	0.00040356
100	0.59962	0.59995	0.6003	0.00023019	0.59806	0.59959	0.6007	0.00076534	-0.00157	-0.000357	0.0006	0.00061567

Device Test: 19.63 VOLTAGE|VREF//5/5/0/1000/5/100kHz//@VREF_25C





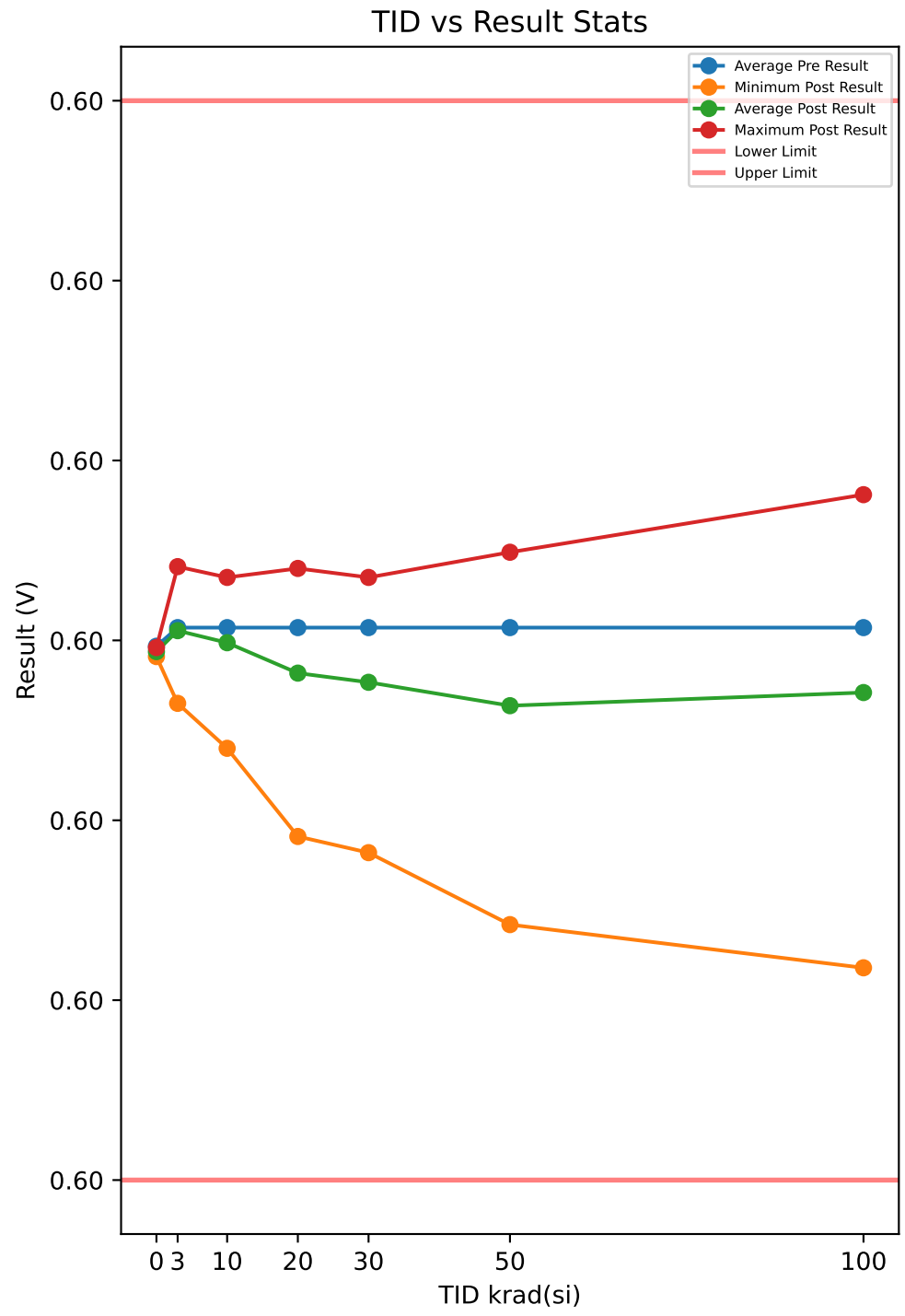
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

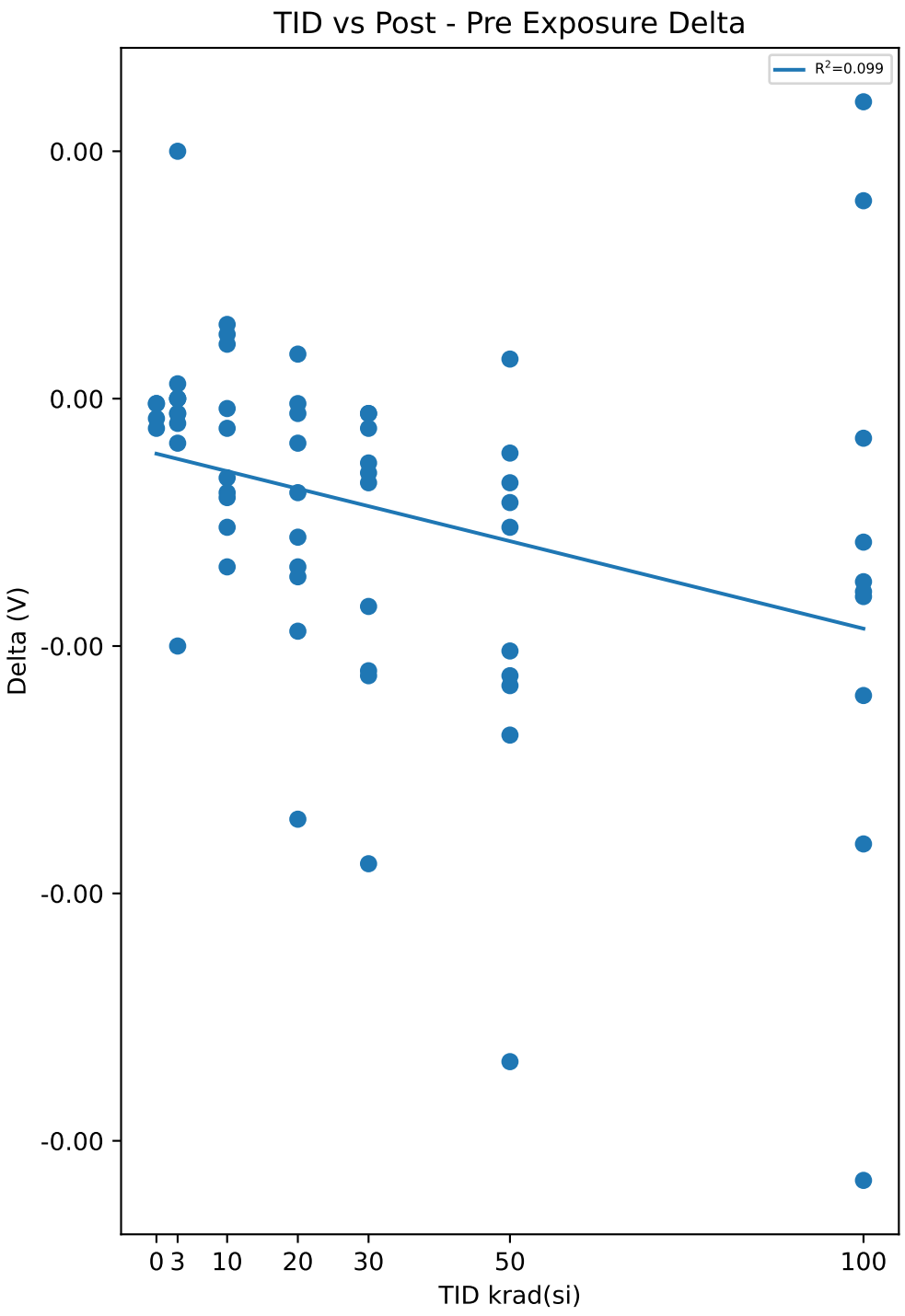
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59995	0.59998	3e-05
2	3	LDR BIAS	0.60008	0.59957	-0.00051
3	3	LDR BIAS	0.59964	0.60017	0.00053
4	3	LDR BIAS	0.59961	0.59953	-8e-05
5	3	LDR BIAS	0.60025	0.60024	-1e-05
6	3	LDR UNBIAS	0.6003	0.6003	0
7	3	LDR UNBIAS	0.59998	0.59993	-5e-05
8	3	LDR UNBIAS	0.59986	0.59987	1e-05
9	3	LDR UNBIAS	0.59982	0.59978	-4e-05
10	3	LDR UNBIAS	0.60007	0.60008	1e-05
11	0	CORRELATION	0.59986	0.5998	-6e-05
12	0	CORRELATION	0.59987	0.59984	-3e-05
13	0	CORRELATION	0.59984	0.59983	-1e-05
14	0	CORRELATION	0.59987	0.59985	-2e-05
21	10	LDR BIAS	0.59995	0.60005	0.0001
22	10	LDR BIAS	0.60008	0.60007	-1e-05
23	10	LDR BIAS	0.59964	0.59979	0.00015
24	10	LDR BIAS	0.59961	0.59929	-0.00032
25	10	LDR BIAS	0.60025	0.59999	-0.00026
26	10	LDR UNBIAS	0.6003	0.60024	-6e-05
27	10	LDR UNBIAS	0.59998	0.59978	-0.0002
28	10	LDR UNBIAS	0.59986	0.59966	-0.0002
29	10	LDR UNBIAS	0.59982	0.59994	0.00012
30	10	LDR UNBIAS	0.60007	0.59992	-0.00015
31	20	LDR BIAS	0.59995	0.60005	0.0001
32	20	LDR BIAS	0.60008	0.59999	-9e-05
33	20	LDR BIAS	0.59964	0.59878	-0.00086
34	20	LDR BIAS	0.59961	0.59915	-0.00046
35	20	LDR BIAS	0.60025	0.5999	-0.00035
36	20	LDR UNBIAS	0.6003	0.60028	-2e-05
37	20	LDR UNBIAS	0.59998	0.59969	-0.00029
38	20	LDR UNBIAS	0.59986	0.59953	-0.00033
39	20	LDR UNBIAS	0.59982	0.5998	-2e-05
40	20	LDR UNBIAS	0.60007	0.5999	-0.00017
41	30	LDR BIAS	0.59995	0.59982	-0.00013
42	30	LDR BIAS	0.60008	0.60004	-4e-05
43	30	LDR BIAS	0.59964	0.59869	-0.00095
44	30	LDR BIAS	0.59961	0.59908	-0.00053
45	30	LDR BIAS	0.60025	0.59983	-0.00042
46	30	LDR UNBIAS	0.6003	0.60025	-5e-05
47	30	LDR UNBIAS	0.59998	0.59983	-0.00015
48	30	LDR UNBIAS	0.59986	0.59931	-0.00055
49	30	LDR UNBIAS	0.59982	0.59977	-5e-05
50	30	LDR UNBIAS	0.60007	0.5999	-0.00017
51	50	LDR BIAS	0.59995	0.59975	-0.0002
52	50	LDR BIAS	0.60008	0.59991	-0.00017
53	50	LDR BIAS	0.59964	0.59829	-0.00135
54	50	LDR BIAS	0.59961	0.59896	-0.00065
55	50	LDR BIAS	0.60025	0.59968	-0.00057
56	50	LDR UNBIAS	0.6003	0.60038	8e-05
57	50	LDR UNBIAS	0.59998	0.59946	-0.00052
58	50	LDR UNBIAS	0.59986	0.5993	-0.00056
59	50	LDR UNBIAS	0.59982	0.59955	-0.00027
60	50	LDR UNBIAS	0.60007	0.59997	-0.0001
61	100	LDR BIAS	0.59995	0.59989	-6e-05
62	100	LDR BIAS	0.60008	0.59972	-0.00036
63	100	LDR BIAS	0.59964	0.59807	-0.00157
64	100	LDR BIAS	0.59961	0.59904	-0.00057
65	100	LDR BIAS	0.60025	0.59936	-0.00089
66	100	LDR UNBIAS	0.6003	0.60069	0.00039
67	100	LDR UNBIAS	0.59998	0.59958	-0.0004
68	100	LDR UNBIAS	0.59986	0.59947	-0.00039
69	100	LDR UNBIAS	0.59982	0.59952	-0.0003
70	100	LDR UNBIAS	0.60007	0.60069	0.00062

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	0.59984	0.59986	0.59987	1.4142e-05	0.5998	0.59983	0.59985	2.1602e-05	-6e-05	-3e-05	-1e-05	2.1602e-05
3	0.59961	0.59996	0.6003	0.00023119	0.59953	0.59994	0.6003	0.00026438	-0.00051	-1.1e-05	0.00053	0.00024754
10	0.59961	0.59996	0.6003	0.00023119	0.59929	0.59987	0.60024	0.00026374	-0.00032	-8.3e-05	0.00015	0.00016806
20	0.59961	0.59996	0.6003	0.00023119	0.59878	0.59971	0.60028	0.0004485	-0.00086	-0.000249	0.0001	0.00027779
30	0.59961	0.59996	0.6003	0.00023119	0.59869	0.59965	0.60025	0.00047665	-0.00095	-0.000304	-4e-05	0.00030056
50	0.59961	0.59996	0.6003	0.00023119	0.59829	0.59953	0.60038	0.00058232	-0.00135	-0.000431	8e-05	0.00040201
100	0.59961	0.59996	0.6003	0.00023119	0.59807	0.5996	0.60069	0.00076088	-0.00157	-0.000353	0.00062	0.00061532

Device Test: 19.65 VOLTAGE|VREF//12/12/0/1000/5/100kHz//@VREF_25C





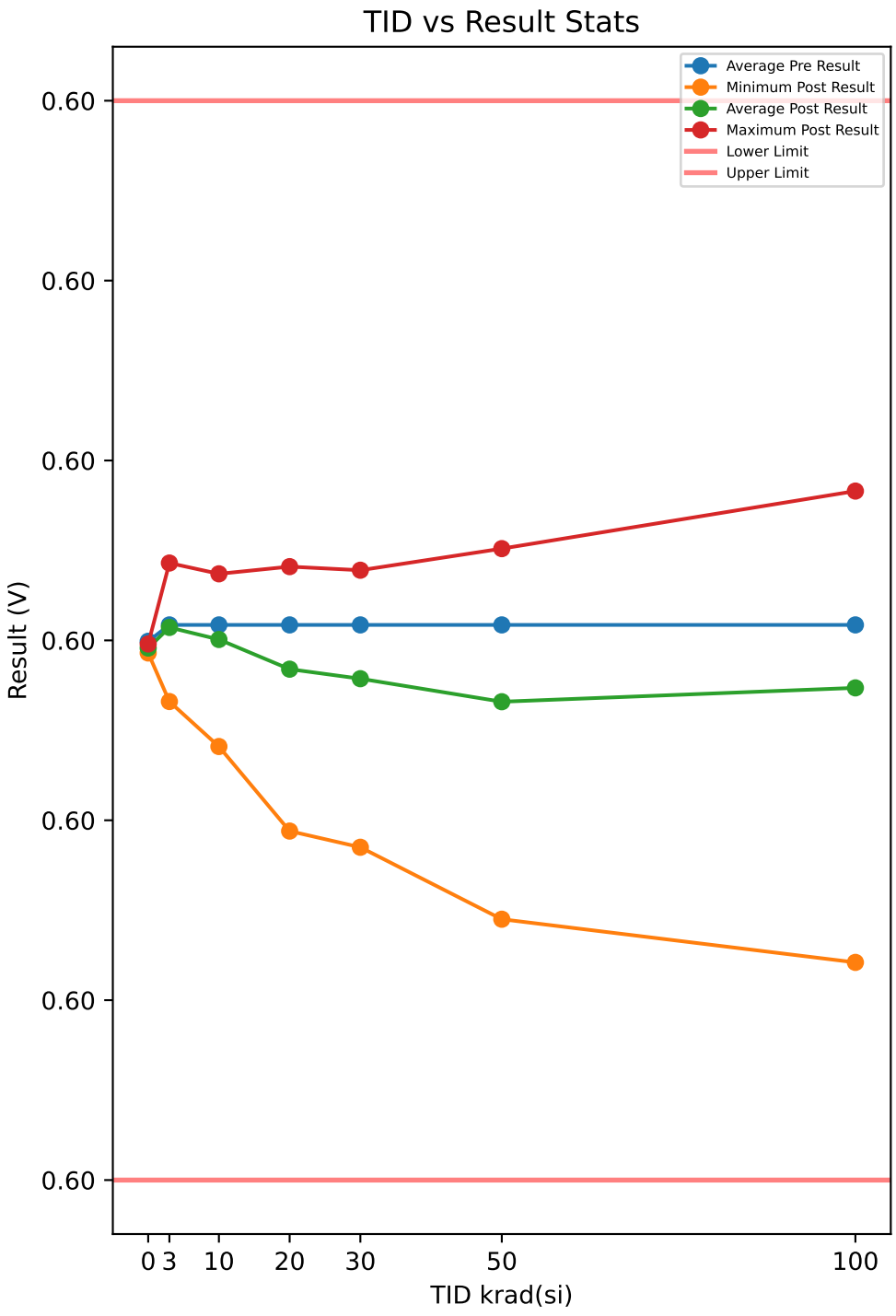
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

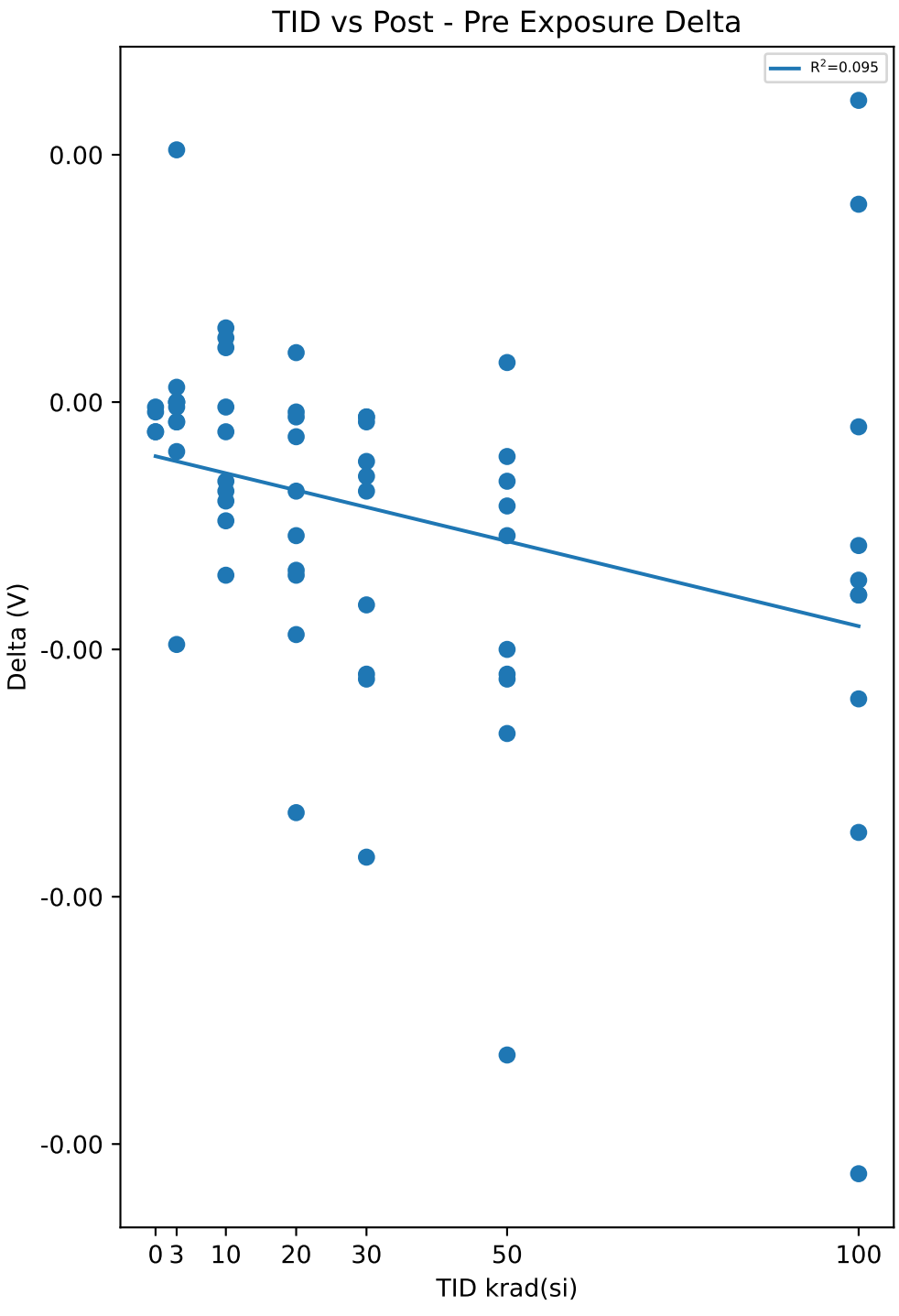
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60006	0.60009	3e-05
2	3	LDR BIAS	0.60019	0.59969	-0.0005
3	3	LDR BIAS	0.59976	0.60026	0.0005
4	3	LDR BIAS	0.59974	0.59965	-9e-05
5	3	LDR BIAS	0.60037	0.60034	-3e-05
6	3	LDR UNBIAS	0.60041	0.60041	0
7	3	LDR UNBIAS	0.60008	0.60003	-5e-05
8	3	LDR UNBIAS	0.59998	0.59998	0
9	3	LDR UNBIAS	0.59993	0.5999	-3e-05
10	3	LDR UNBIAS	0.60019	0.60019	0
11	0	CORRELATION	0.59997	0.59991	-6e-05
12	0	CORRELATION	0.59998	0.59994	-4e-05
13	0	CORRELATION	0.59995	0.59994	-1e-05
14	0	CORRELATION	0.59997	0.59996	-1e-05
21	10	LDR BIAS	0.60006	0.60017	0.00011
22	10	LDR BIAS	0.60019	0.60017	-2e-05
23	10	LDR BIAS	0.59976	0.59991	0.00015
24	10	LDR BIAS	0.59974	0.5994	-0.00034
25	10	LDR BIAS	0.60037	0.60011	-0.00026
26	10	LDR UNBIAS	0.60041	0.60035	-6e-05
27	10	LDR UNBIAS	0.60008	0.59989	-0.00019
28	10	LDR UNBIAS	0.59998	0.59978	-0.0002
29	10	LDR UNBIAS	0.59993	0.60006	0.00013
30	10	LDR UNBIAS	0.60019	0.60003	-0.00016
31	20	LDR BIAS	0.60006	0.60015	9e-05
32	20	LDR BIAS	0.60019	0.6001	-9e-05
33	20	LDR BIAS	0.59976	0.59891	-0.00085
34	20	LDR BIAS	0.59974	0.59927	-0.00047
35	20	LDR BIAS	0.60037	0.60001	-0.00036
36	20	LDR UNBIAS	0.60041	0.6004	-1e-05
37	20	LDR UNBIAS	0.60008	0.5998	-0.00028
38	20	LDR UNBIAS	0.59998	0.59964	-0.00034
39	20	LDR UNBIAS	0.59993	0.5999	-3e-05
40	20	LDR UNBIAS	0.60019	0.6	-0.00019
41	30	LDR BIAS	0.60006	0.59993	-0.00013
42	30	LDR BIAS	0.60019	0.60016	-3e-05
43	30	LDR BIAS	0.59976	0.59882	-0.00094
44	30	LDR BIAS	0.59974	0.59919	-0.00055
45	30	LDR BIAS	0.60037	0.59995	-0.00042
46	30	LDR UNBIAS	0.60041	0.60035	-6e-05
47	30	LDR UNBIAS	0.60008	0.59993	-0.00015
48	30	LDR UNBIAS	0.59998	0.59942	-0.00056
49	30	LDR UNBIAS	0.59993	0.5999	-3e-05
50	30	LDR UNBIAS	0.60019	0.60002	-0.00017
51	50	LDR BIAS	0.60006	0.59985	-0.00021
52	50	LDR BIAS	0.60019	0.60002	-0.00017
53	50	LDR BIAS	0.59976	0.59842	-0.00134
54	50	LDR BIAS	0.59974	0.59906	-0.00068
55	50	LDR BIAS	0.60037	0.59979	-0.00058
56	50	LDR UNBIAS	0.60041	0.60049	8e-05
57	50	LDR UNBIAS	0.60008	0.59957	-0.00051
58	50	LDR UNBIAS	0.59998	0.59942	-0.00056
59	50	LDR UNBIAS	0.59993	0.59967	-0.00026
60	50	LDR UNBIAS	0.60019	0.60008	-0.00011
61	100	LDR BIAS	0.60006	0.59998	-8e-05
62	100	LDR BIAS	0.60019	0.59982	-0.00037
63	100	LDR BIAS	0.59976	0.59818	-0.00158
64	100	LDR BIAS	0.59974	0.59914	-0.0006
65	100	LDR BIAS	0.60037	0.59947	-0.0009
66	100	LDR UNBIAS	0.60041	0.60081	0.0004
67	100	LDR UNBIAS	0.60008	0.59969	-0.00039
68	100	LDR UNBIAS	0.59998	0.59958	-0.0004
69	100	LDR UNBIAS	0.59993	0.59964	-0.00029
70	100	LDR UNBIAS	0.60019	0.60079	0.0006

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	0.59995	0.59997	0.59998	1.2583e-05	0.59991	0.59994	0.59996	2.0616e-05	-6e-05	-3e-05	-1e-05	2.4495e-05
3	0.59974	0.60007	0.60041	0.00022786	0.59965	0.60005	0.60041	0.00025739	-0.0005	-1.7e-05	0.0005	0.00023814
10	0.59974	0.60007	0.60041	0.00022786	0.5994	0.59999	0.60035	0.00026327	-0.00034	-8.4e-05	0.00015	0.00017315
20	0.59974	0.60007	0.60041	0.00022786	0.59891	0.59982	0.6004	0.00044246	-0.00085	-0.000253	9e-05	0.00027492
30	0.59974	0.60007	0.60041	0.00022786	0.59882	0.59977	0.60035	0.00047291	-0.00094	-0.000304	-3e-05	0.00030288
50	0.59974	0.60007	0.60041	0.00022786	0.59842	0.59964	0.60049	0.00057793	-0.00134	-0.000434	8e-05	0.00040051
100	0.59974	0.60007	0.60041	0.00022786	0.59818	0.59971	0.60081	0.00076063	-0.00158	-0.000361	0.0006	0.00061668

Device Test: 19.67 VOLTAGE|VREF//14/14/0/1000/5/100kHz//@VREF_25C





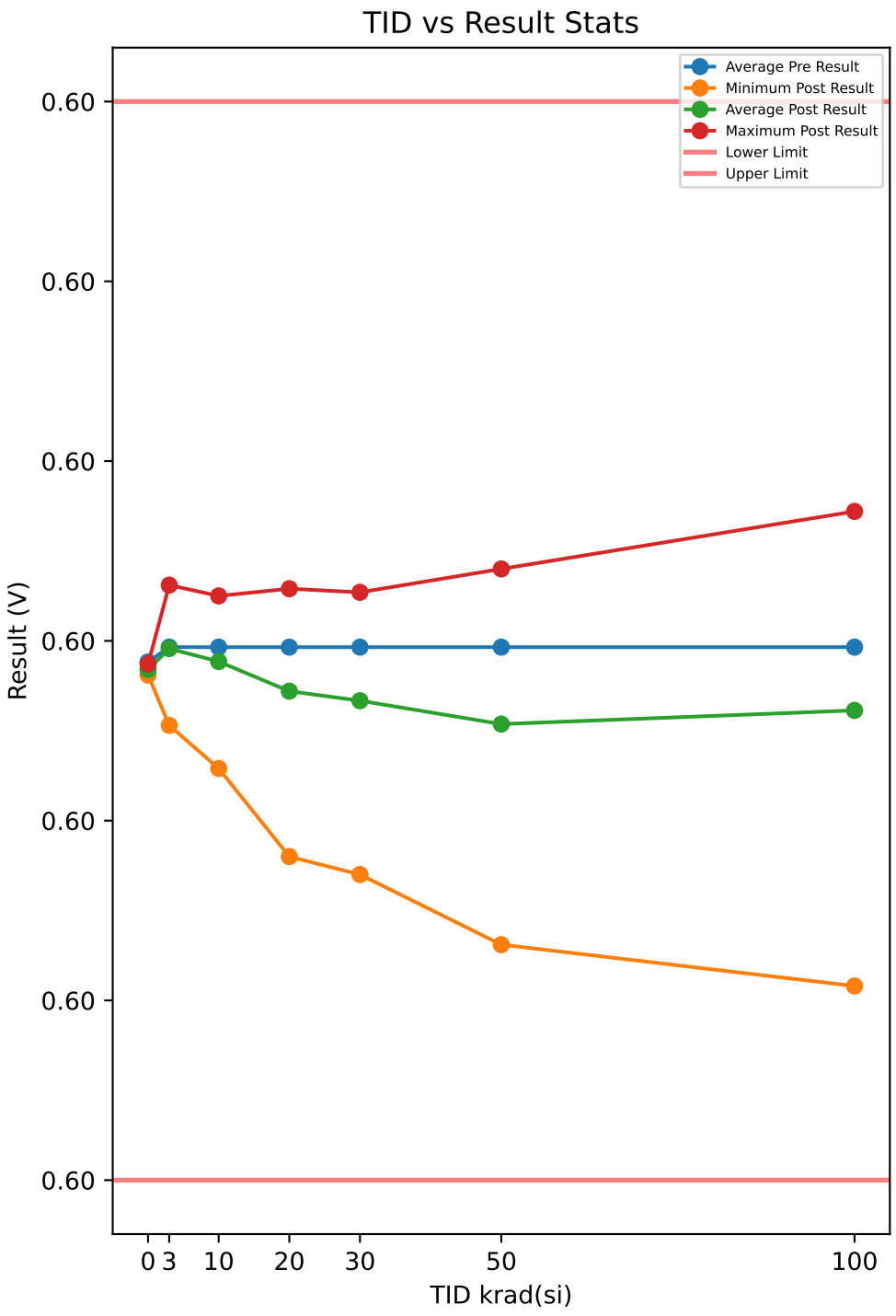
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

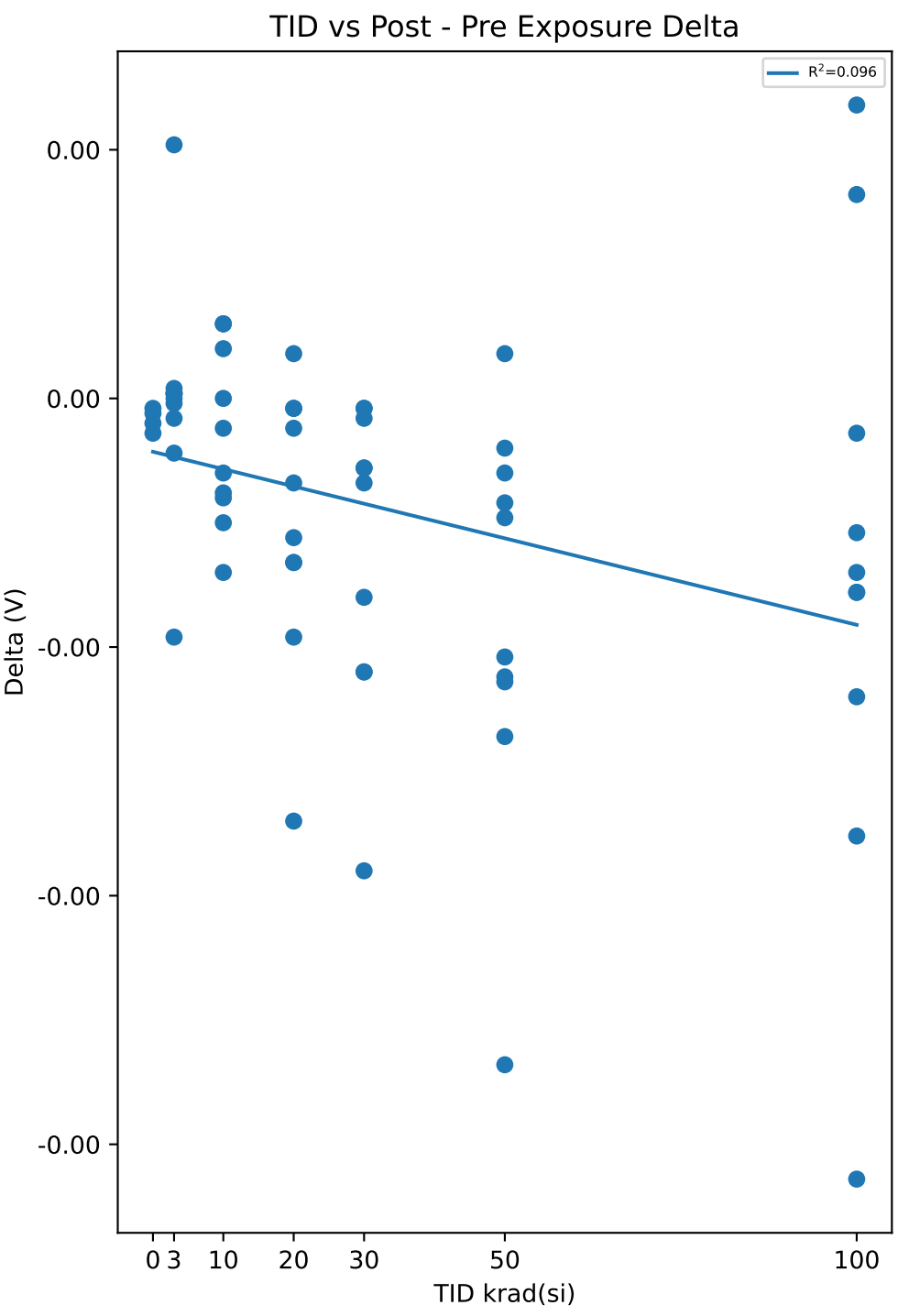
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60007	0.6001	3e-05
2	3	LDR BIAS	0.6002	0.59971	-0.00049
3	3	LDR BIAS	0.59977	0.60028	0.00051
4	3	LDR BIAS	0.59976	0.59966	-0.0001
5	3	LDR BIAS	0.60037	0.60036	-1e-05
6	3	LDR UNBIAS	0.60043	0.60043	0
7	3	LDR UNBIAS	0.6001	0.60006	-4e-05
8	3	LDR UNBIAS	0.6	0.6	0
9	3	LDR UNBIAS	0.59995	0.59991	-4e-05
10	3	LDR UNBIAS	0.60021	0.60021	0
11	0	CORRELATION	0.59999	0.59993	-6e-05
12	0	CORRELATION	0.60002	0.59996	-6e-05
13	0	CORRELATION	0.59997	0.59996	-1e-05
14	0	CORRELATION	0.6	0.59998	-2e-05
21	10	LDR BIAS	0.60007	0.60018	0.00011
22	10	LDR BIAS	0.6002	0.60019	-1e-05
23	10	LDR BIAS	0.59977	0.59992	0.00015
24	10	LDR BIAS	0.59976	0.59941	-0.00035
25	10	LDR BIAS	0.60037	0.60013	-0.00024
26	10	LDR UNBIAS	0.60043	0.60037	-6e-05
27	10	LDR UNBIAS	0.6001	0.59992	-0.00018
28	10	LDR UNBIAS	0.6	0.5998	-0.0002
29	10	LDR UNBIAS	0.59995	0.60008	0.00013
30	10	LDR UNBIAS	0.60021	0.60005	-0.00016
31	20	LDR BIAS	0.60007	0.60017	0.0001
32	20	LDR BIAS	0.6002	0.60013	-7e-05
33	20	LDR BIAS	0.59977	0.59894	-0.00083
34	20	LDR BIAS	0.59976	0.59929	-0.00047
35	20	LDR BIAS	0.60037	0.60003	-0.00034
36	20	LDR UNBIAS	0.60043	0.60041	-2e-05
37	20	LDR UNBIAS	0.6001	0.59983	-0.00027
38	20	LDR UNBIAS	0.6	0.59965	-0.00035
39	20	LDR UNBIAS	0.59995	0.59992	-3e-05
40	20	LDR UNBIAS	0.60021	0.60003	-0.00018
41	30	LDR BIAS	0.60007	0.59995	-0.00012
42	30	LDR BIAS	0.6002	0.60017	-3e-05
43	30	LDR BIAS	0.59977	0.59885	-0.00092
44	30	LDR BIAS	0.59976	0.59921	-0.00055
45	30	LDR BIAS	0.60037	0.59996	-0.00041
46	30	LDR UNBIAS	0.60043	0.60039	-4e-05
47	30	LDR UNBIAS	0.6001	0.59995	-0.00015
48	30	LDR UNBIAS	0.6	0.59944	-0.00056
49	30	LDR UNBIAS	0.59995	0.59992	-3e-05
50	30	LDR UNBIAS	0.60021	0.60003	-0.00018
51	50	LDR BIAS	0.60007	0.59986	-0.00021
52	50	LDR BIAS	0.6002	0.60004	-0.00016
53	50	LDR BIAS	0.59977	0.59845	-0.00132
54	50	LDR BIAS	0.59976	0.59909	-0.00067
55	50	LDR BIAS	0.60037	0.59981	-0.00056
56	50	LDR UNBIAS	0.60043	0.60051	8e-05
57	50	LDR UNBIAS	0.6001	0.5996	-0.0005
58	50	LDR UNBIAS	0.6	0.59945	-0.00055
59	50	LDR UNBIAS	0.59995	0.59968	-0.00027
60	50	LDR UNBIAS	0.60021	0.6001	-0.00011
61	100	LDR BIAS	0.60007	0.60002	-5e-05
62	100	LDR BIAS	0.6002	0.59984	-0.00036
63	100	LDR BIAS	0.59977	0.59821	-0.00156
64	100	LDR BIAS	0.59976	0.59916	-0.0006
65	100	LDR BIAS	0.60037	0.5995	-0.00087
66	100	LDR UNBIAS	0.60043	0.60083	0.0004
67	100	LDR UNBIAS	0.6001	0.59971	-0.00039
68	100	LDR UNBIAS	0.6	0.59961	-0.00039
69	100	LDR UNBIAS	0.59995	0.59966	-0.00029
70	100	LDR UNBIAS	0.60021	0.60082	0.00061

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	0.59997	0.6	0.60002	2.0817e-05	0.59993	0.59996	0.59998	2.0616e-05	-6e-05	-3.75e-05	-1e-05	2.63e-05
3	0.59976	0.60009	0.60043	0.00022604	0.59966	0.60007	0.60043	0.00025961	-0.00049	-1.4e-05	0.00051	0.00023862
10	0.59976	0.60009	0.60043	0.00022604	0.59941	0.60001	0.60037	0.00026496	-0.00035	-8.1e-05	0.00015	0.00017246
20	0.59976	0.60009	0.60043	0.00022604	0.59894	0.59984	0.60041	0.00044035	-0.00083	-0.000246	0.0001	0.00027167
30	0.59976	0.60009	0.60043	0.00022604	0.59885	0.59979	0.60039	0.00047157	-0.00092	-0.000299	-3e-05	0.00029987
50	0.59976	0.60009	0.60043	0.00022604	0.59845	0.59966	0.60051	0.0005735	-0.00132	-0.000427	8e-05	0.00039373
100	0.59976	0.60009	0.60043	0.00022604	0.59821	0.59974	0.60083	0.00076025	-0.00156	-0.00035	0.00061	0.00061264

Device Test: 19.69 VOLTAGE|VREF//4.5/4.5/0/1000/4.5/500kHz//@VREF_25C





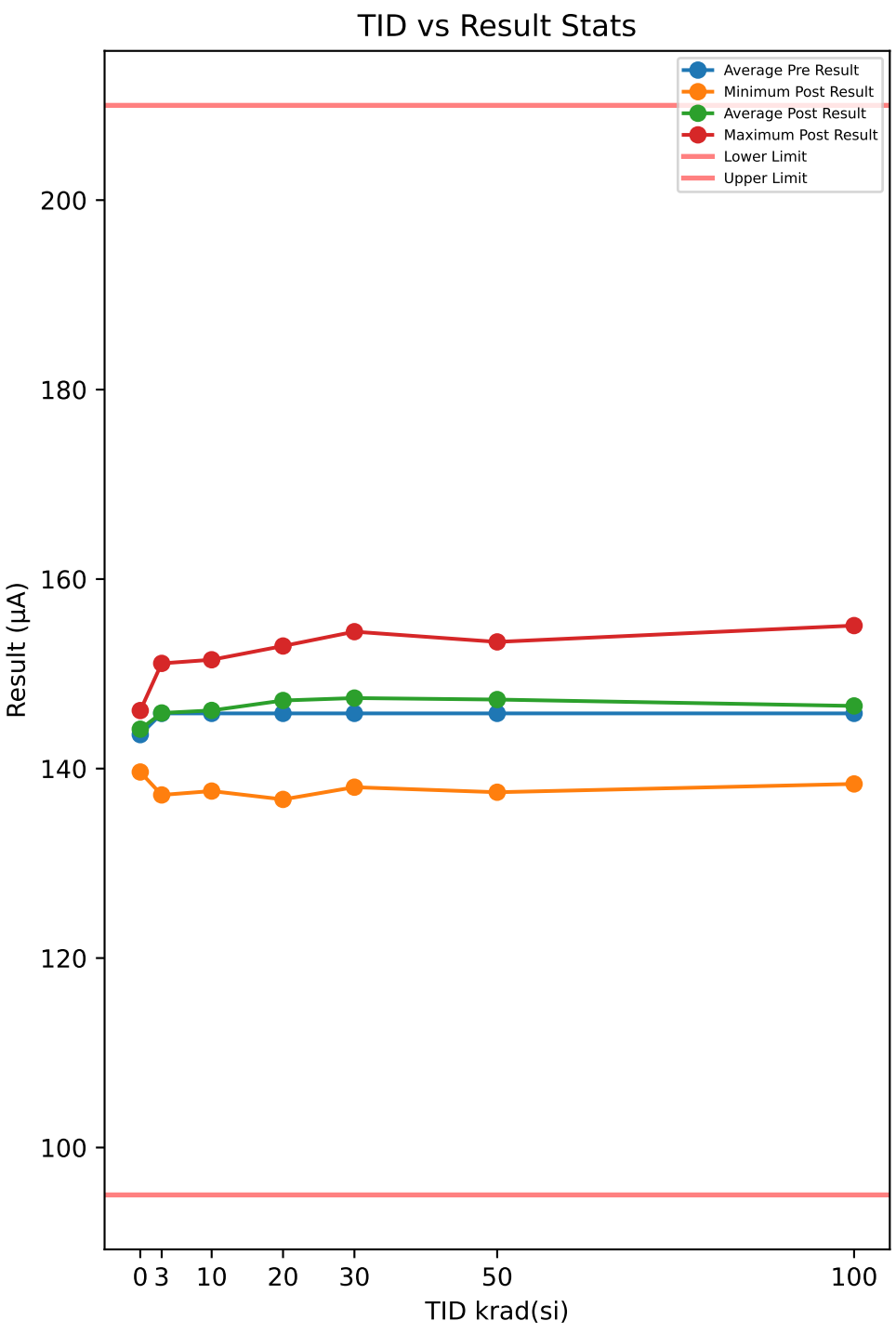
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59998	0.6	2e-05
2	3	LDR BIAS	0.60006	0.59958	-0.00048
3	3	LDR BIAS	0.59965	0.60016	0.00051
4	3	LDR BIAS	0.59964	0.59953	-0.00011
5	3	LDR BIAS	0.60024	0.60025	1e-05
6	3	LDR UNBIAS	0.60031	0.60031	0
7	3	LDR UNBIAS	0.59999	0.59995	-4e-05
8	3	LDR UNBIAS	0.59986	0.59987	1e-05
9	3	LDR UNBIAS	0.59982	0.59981	-1e-05
10	3	LDR UNBIAS	0.6001	0.60011	1e-05
11	0	CORRELATION	0.59988	0.59981	-7e-05
12	0	CORRELATION	0.5999	0.59985	-5e-05
13	0	CORRELATION	0.59985	0.59983	-2e-05
14	0	CORRELATION	0.5999	0.59987	-3e-05
21	10	LDR BIAS	0.59998	0.60008	0.0001
22	10	LDR BIAS	0.60006	0.60006	0
23	10	LDR BIAS	0.59965	0.5998	0.00015
24	10	LDR BIAS	0.59964	0.59929	-0.00035
25	10	LDR BIAS	0.60024	0.59999	-0.00025
26	10	LDR UNBIAS	0.60031	0.60025	-6e-05
27	10	LDR UNBIAS	0.59999	0.5998	-0.00019
28	10	LDR UNBIAS	0.59986	0.59966	-0.0002
29	10	LDR UNBIAS	0.59982	0.59997	0.00015
30	10	LDR UNBIAS	0.6001	0.59995	-0.00015
31	20	LDR BIAS	0.59998	0.60007	9e-05
32	20	LDR BIAS	0.60006	0.6	-6e-05
33	20	LDR BIAS	0.59965	0.5988	-0.00085
34	20	LDR BIAS	0.59964	0.59916	-0.00048
35	20	LDR BIAS	0.60024	0.59991	-0.00033
36	20	LDR UNBIAS	0.60031	0.60029	-2e-05
37	20	LDR UNBIAS	0.59999	0.59971	-0.00028
38	20	LDR UNBIAS	0.59986	0.59953	-0.00033
39	20	LDR UNBIAS	0.59982	0.5998	-2e-05
40	20	LDR UNBIAS	0.6001	0.59993	-0.00017
41	30	LDR BIAS	0.59998	0.59984	-0.00014
42	30	LDR BIAS	0.60006	0.60004	-2e-05
43	30	LDR BIAS	0.59965	0.5987	-0.00095
44	30	LDR BIAS	0.59964	0.59909	-0.00055
45	30	LDR BIAS	0.60024	0.59984	-0.0004
46	30	LDR UNBIAS	0.60031	0.60027	-4e-05
47	30	LDR UNBIAS	0.59999	0.59985	-0.00014
48	30	LDR UNBIAS	0.59986	0.59931	-0.00055
49	30	LDR UNBIAS	0.59982	0.5998	-2e-05
50	30	LDR UNBIAS	0.6001	0.59993	-0.00017
51	50	LDR BIAS	0.59998	0.59977	-0.00021
52	50	LDR BIAS	0.60006	0.59991	-0.00015
53	50	LDR BIAS	0.59965	0.59831	-0.00134
54	50	LDR BIAS	0.59964	0.59896	-0.00068
55	50	LDR BIAS	0.60024	0.59967	-0.00057
56	50	LDR UNBIAS	0.60031	0.6004	9e-05
57	50	LDR UNBIAS	0.59999	0.59947	-0.00052
58	50	LDR UNBIAS	0.59986	0.5993	-0.00056
59	50	LDR UNBIAS	0.59982	0.59958	-0.00024
60	50	LDR UNBIAS	0.6001	0.6	-0.0001
61	100	LDR BIAS	0.59998	0.59991	-7e-05
62	100	LDR BIAS	0.60006	0.59971	-0.00035
63	100	LDR BIAS	0.59965	0.59808	-0.00157
64	100	LDR BIAS	0.59964	0.59904	-0.0006
65	100	LDR BIAS	0.60024	0.59936	-0.00088
66	100	LDR UNBIAS	0.60031	0.60072	0.00041
67	100	LDR UNBIAS	0.59999	0.5996	-0.00039
68	100	LDR UNBIAS	0.59986	0.59947	-0.00039
69	100	LDR UNBIAS	0.59982	0.59955	-0.00027
70	100	LDR UNBIAS	0.6001	0.60069	0.00059

Test Statistics (V)

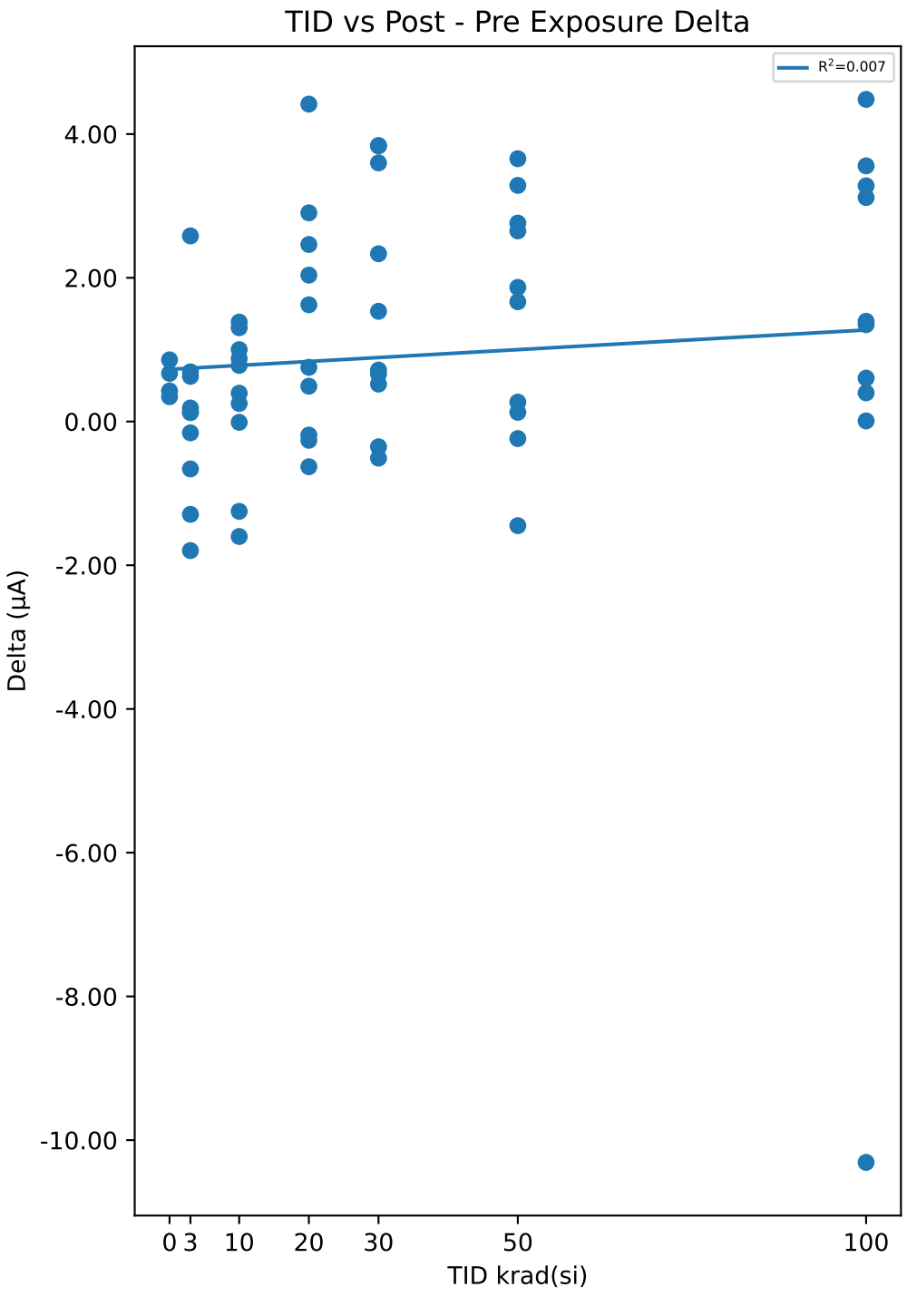
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59985	0.59988	0.5999	2.3629e-05	0.59981	0.59984	0.59987	2.582e-05	-7e-05	-4.25e-05	-2e-05	2.2174e-05
3	0.59964	0.59996	0.60031	0.00022599	0.59953	0.59996	0.60031	0.0002647	-0.00048	-8e-06	0.00051	0.00023673
10	0.59964	0.59996	0.60031	0.00022599	0.59929	0.59989	0.60025	0.00026738	-0.00035	-8e-05	0.00015	0.00017582
20	0.59964	0.59996	0.60031	0.00022599	0.5988	0.59972	0.60029	0.00044828	-0.00085	-0.000245	9e-05	0.00027694
30	0.59964	0.59996	0.60031	0.00022599	0.5987	0.59967	0.60027	0.00048056	-0.00095	-0.000298	-2e-05	0.00030731
50	0.59964	0.59996	0.60031	0.00022599	0.59831	0.59954	0.6004	0.00058416	-0.00134	-0.000428	9e-05	0.00040516
100	0.59964	0.59996	0.60031	0.00022599	0.59808	0.59961	0.60072	0.00076376	-0.00157	-0.000352	0.00059	0.00061291

Device Test: 19.7 CURRENT|EA_SINK//5/5/0/0/5/500kHz//@EA_I_SINK



Test Results (Lower Limit = 95.0, Upper Limit = 210.0 (µA))

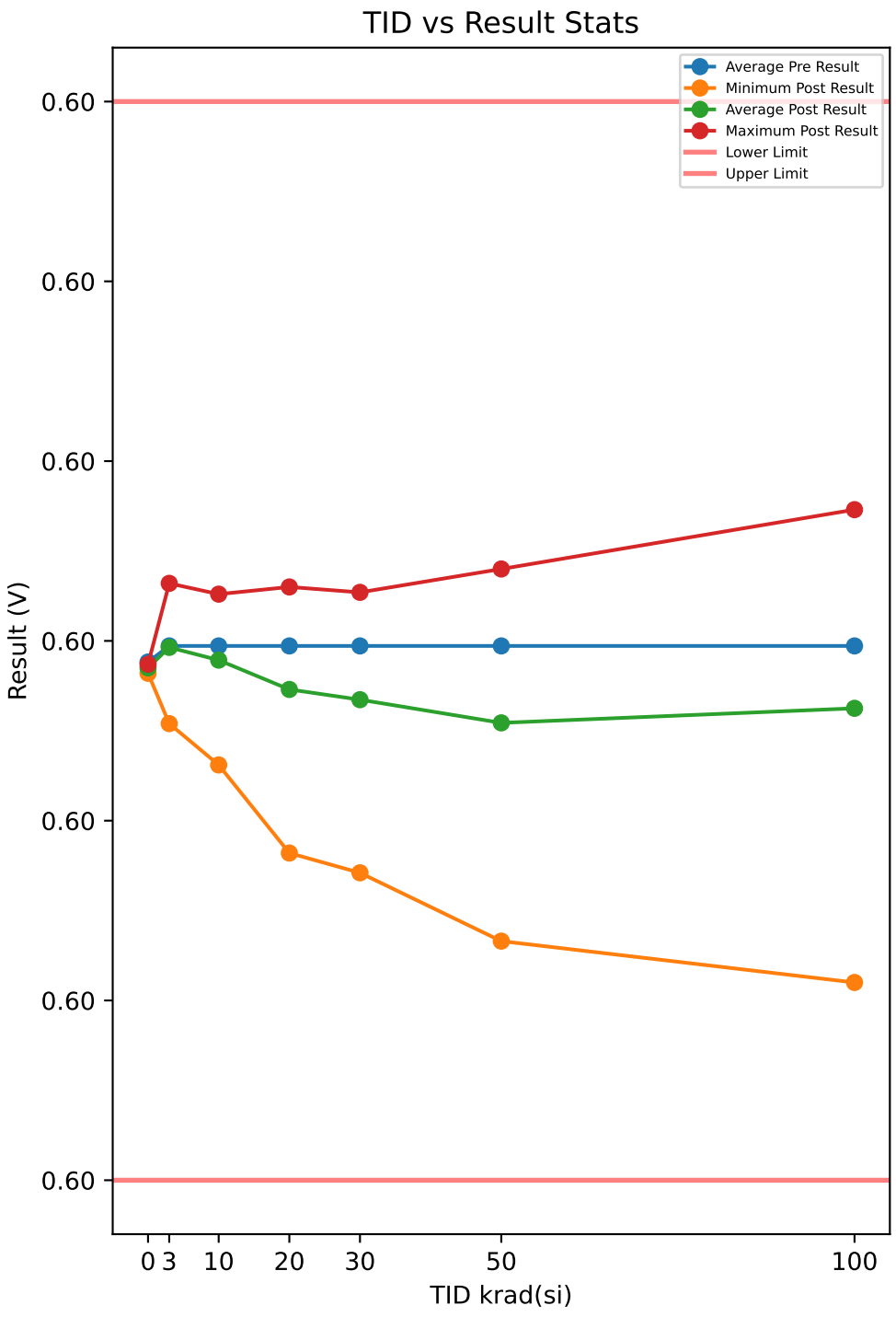
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	150.59	149.93	-0.66
2	3	LDR BIAS	150.61	148.81	-1.7961
3	3	LDR BIAS	148.52	151.1	2.5831
4	3	LDR BIAS	144.55	145.25	0.6912
5	3	LDR BIAS	144.84	144.97	0.1257
6	3	LDR UNBIAS	137.37	137.22	-0.1575
7	3	LDR UNBIAS	142.41	142.53	0.126
8	3	LDR UNBIAS	143.01	143.64	0.6284
9	3	LDR UNBIAS	147.64	147.83	0.1886
10	3	LDR UNBIAS	148.69	147.4	-1.2919
11	0	CORRELATION	145.78	146.12	0.3451
12	0	CORRELATION	139.21	139.64	0.4256
13	0	CORRELATION	144.06	144.91	0.8581
14	0	CORRELATION	145.28	145.95	0.6702
21	10	LDR BIAS	150.59	148.99	-1.5999
22	10	LDR BIAS	150.61	151.49	0.8763
23	10	LDR BIAS	148.52	149.9	1.3843
24	10	LDR BIAS	144.55	144.95	0.3943
25	10	LDR BIAS	144.84	145.62	0.7809
26	10	LDR UNBIAS	137.37	137.63	0.2512
27	10	LDR UNBIAS	142.41	142.4	-0.0112
28	10	LDR UNBIAS	143.01	144.32	1.3054
29	10	LDR UNBIAS	147.64	148.64	1.0007
30	10	LDR UNBIAS	148.69	147.44	-1.2501
31	20	LDR BIAS	150.59	150.33	-0.261
32	20	LDR BIAS	150.61	152.65	2.0372
33	20	LDR BIAS	148.52	152.94	4.4168
34	20	LDR BIAS	144.55	147.02	2.4633
35	20	LDR BIAS	144.84	145.33	0.4917
36	20	LDR UNBIAS	137.37	136.75	-0.6289
37	20	LDR UNBIAS	142.41	142.22	-0.1883
38	20	LDR UNBIAS	143.01	145.92	2.9038
39	20	LDR UNBIAS	147.64	149.26	1.6244
40	20	LDR UNBIAS	148.69	149.44	0.7541
41	30	LDR BIAS	150.59	151.31	0.716
42	30	LDR BIAS	150.61	154.45	3.8401
43	30	LDR BIAS	148.52	152.36	3.836
44	30	LDR BIAS	144.55	148.15	3.5989
45	30	LDR BIAS	144.84	144.49	-0.3513
46	30	LDR UNBIAS	137.37	138.03	0.6599
47	30	LDR UNBIAS	142.41	141.9	-0.509
48	30	LDR UNBIAS	143.01	143.54	0.5206
49	30	LDR UNBIAS	147.64	149.17	1.5336
50	30	LDR UNBIAS	148.69	151.02	2.3346
51	50	LDR BIAS	150.59	152.46	1.8668
52	50	LDR BIAS	150.61	153.37	2.7611
53	50	LDR BIAS	148.52	152.18	3.6573
54	50	LDR BIAS	144.55	147.84	3.2861
55	50	LDR BIAS	144.84	144.6	-0.2371
56	50	LDR UNBIAS	137.37	137.5	0.1283
57	50	LDR UNBIAS	142.41	140.96	-1.4489
58	50	LDR UNBIAS	143.01	143.28	0.2697
59	50	LDR UNBIAS	147.64	150.29	2.653
60	50	LDR UNBIAS	148.69	150.35	1.6669
61	100	LDR BIAS	150.59	151.2	0.6036
62	100	LDR BIAS	150.61	155.09	4.4826
63	100	LDR BIAS	148.52	151.64	3.1167
64	100	LDR BIAS	144.55	147.83	3.28
65	100	LDR BIAS	144.84	144.85	0.0083
66	100	LDR UNBIAS	137.37	138.72	1.3482
67	100	LDR UNBIAS	142.41	142.81	0.3991
68	100	LDR UNBIAS	143.01	144.41	1.3949
69	100	LDR UNBIAS	147.64	151.2	3.5579
70	100	LDR UNBIAS	148.69	138.38	-10.31



Test Statistics (µA)

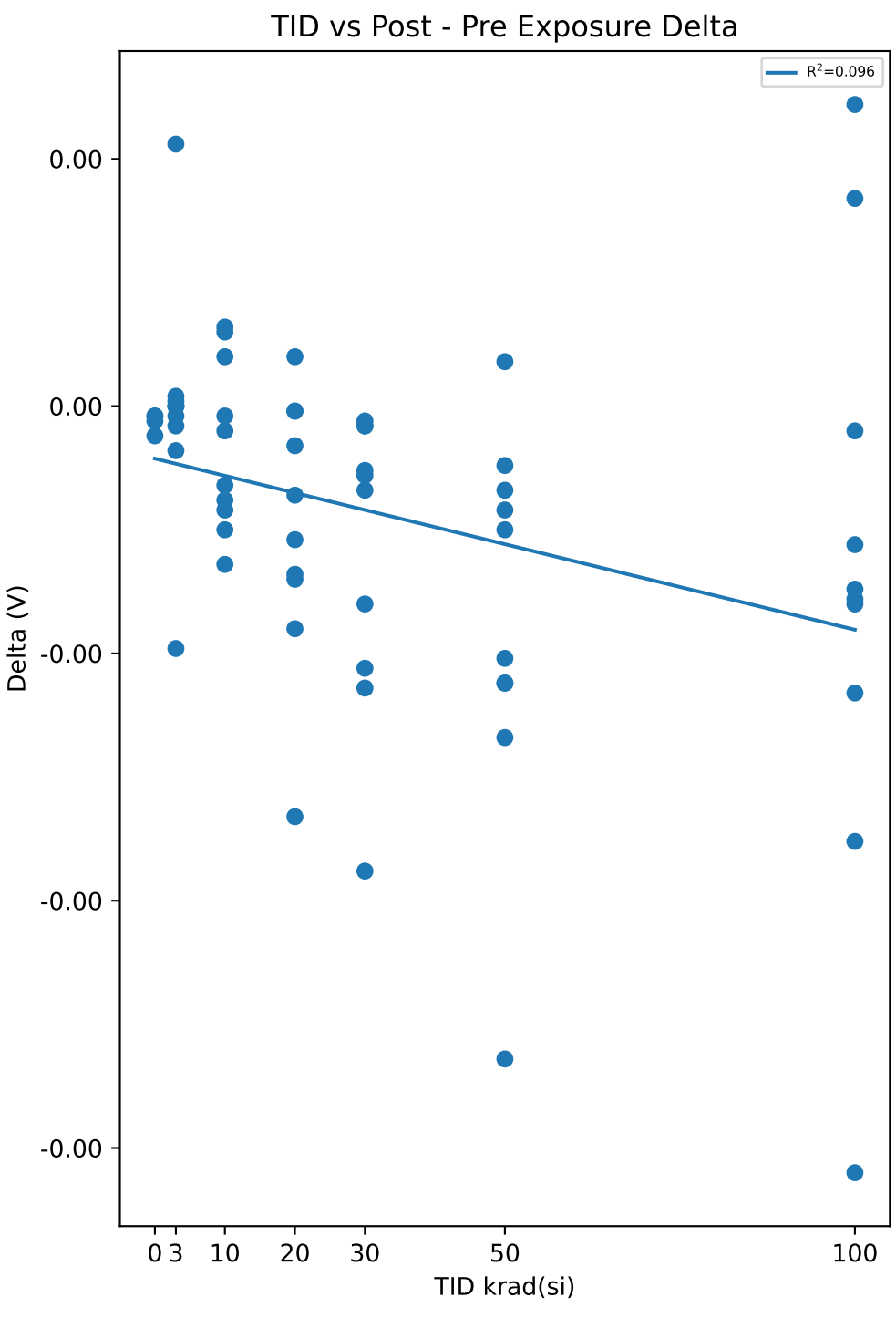
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	139.21	143.58	145.78	3.0021	139.64	144.16	146.12	3.0599	0.3451	0.57475	0.8581	0.23408
3	137.37	145.82	150.61	4.1889	137.22	145.87	151.1	4.0942	-1.7961	0.04375	2.5831	1.1995
10	137.37	145.82	150.61	4.1889	137.63	146.14	151.49	4.0866	-1.5999	0.31319	1.3843	1.0198
20	137.37	145.82	150.61	4.1889	136.75	147.19	152.94	4.9543	-0.6289	1.3613	4.4168	1.6185
30	137.37	145.82	150.61	4.1889	138.03	147.44	154.45	5.2462	-0.509	1.6179	3.8401	1.6879
50	137.37	145.82	150.61	4.1889	137.5	147.28	153.37	5.4303	-1.4489	1.4603	3.6573	1.7003
100	137.37	145.82	150.61	4.1889	138.38	146.61	155.09	5.7072	-10.31	0.78814	4.4826	4.1845

Device Test: 19.71 VOLTAGE|VREF//5/5/0/1000/5/500kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

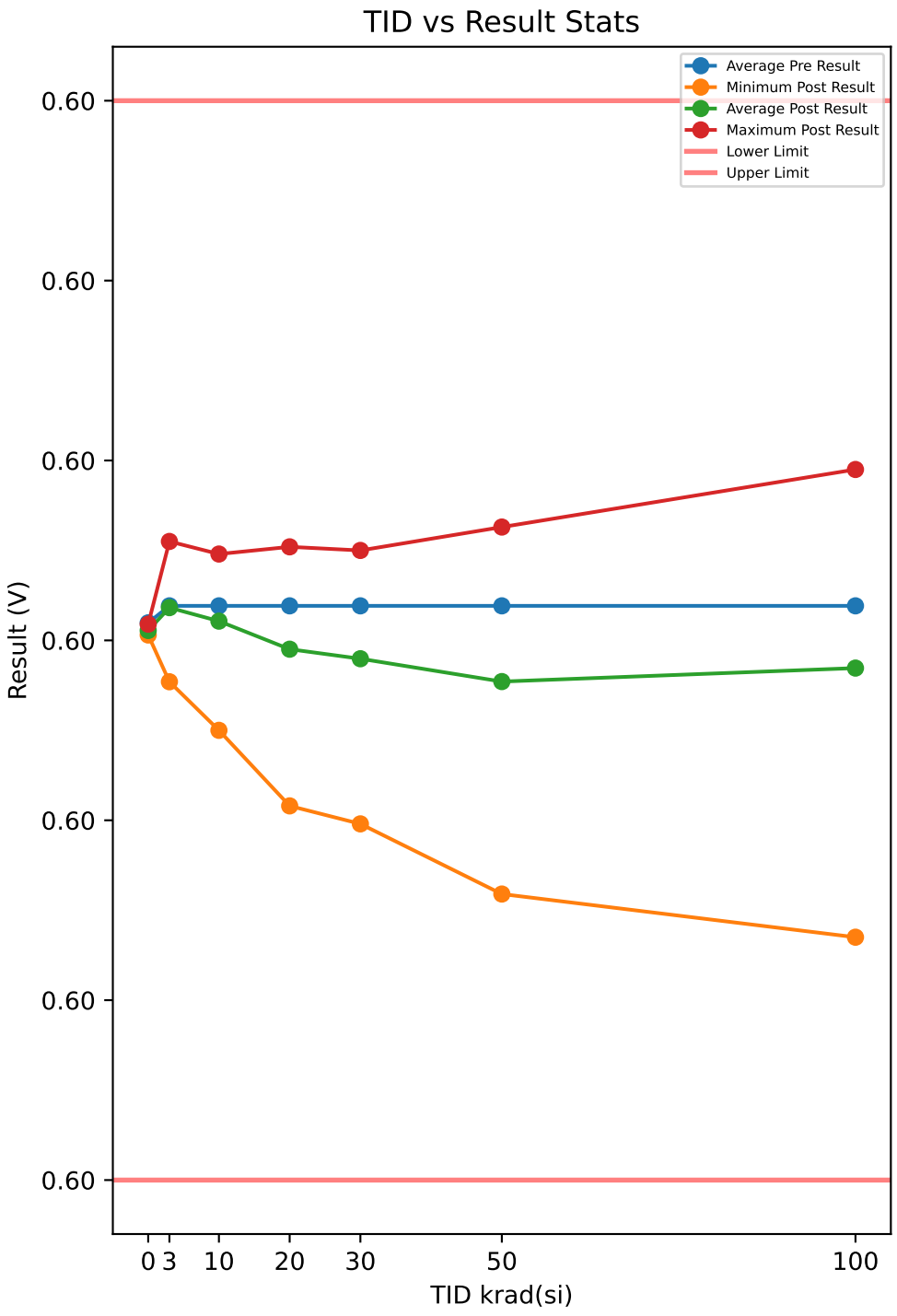
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.59997	0.59999	2e-05
2	3	LDR BIAS	0.6001	0.59961	-0.00049
3	3	LDR BIAS	0.59965	0.60018	0.00053
4	3	LDR BIAS	0.59963	0.59954	-9e-05
5	3	LDR BIAS	0.60026	0.60026	0
6	3	LDR UNBIAS	0.60031	0.60032	1e-05
7	3	LDR UNBIAS	0.59999	0.59995	-4e-05
8	3	LDR UNBIAS	0.59989	0.59989	0
9	3	LDR UNBIAS	0.59982	0.5998	-2e-05
10	3	LDR UNBIAS	0.6001	0.6001	0
11	0	CORRELATION	0.59988	0.59982	-6e-05
12	0	CORRELATION	0.59989	0.59986	-3e-05
13	0	CORRELATION	0.59987	0.59985	-2e-05
14	0	CORRELATION	0.59989	0.59987	-2e-05
21	10	LDR BIAS	0.59997	0.60007	0.0001
22	10	LDR BIAS	0.6001	0.60008	-2e-05
23	10	LDR BIAS	0.59965	0.59981	0.00016
24	10	LDR BIAS	0.59963	0.59931	-0.00032
25	10	LDR BIAS	0.60026	0.60001	-0.00025
26	10	LDR UNBIAS	0.60031	0.60026	-5e-05
27	10	LDR UNBIAS	0.59999	0.5998	-0.00019
28	10	LDR UNBIAS	0.59989	0.59968	-0.00021
29	10	LDR UNBIAS	0.59982	0.59997	0.00015
30	10	LDR UNBIAS	0.6001	0.59994	-0.00016
31	20	LDR BIAS	0.59997	0.60007	0.0001
32	20	LDR BIAS	0.6001	0.60002	-8e-05
33	20	LDR BIAS	0.59965	0.59882	-0.00083
34	20	LDR BIAS	0.59963	0.59918	-0.00045
35	20	LDR BIAS	0.60026	0.59992	-0.00034
36	20	LDR UNBIAS	0.60031	0.6003	-1e-05
37	20	LDR UNBIAS	0.59999	0.59972	-0.00027
38	20	LDR UNBIAS	0.59989	0.59954	-0.00035
39	20	LDR UNBIAS	0.59982	0.59981	-1e-05
40	20	LDR UNBIAS	0.6001	0.59992	-0.00018
41	30	LDR BIAS	0.59997	0.59984	-0.00013
42	30	LDR BIAS	0.6001	0.60006	-4e-05
43	30	LDR BIAS	0.59965	0.59871	-0.00094
44	30	LDR BIAS	0.59963	0.5991	-0.00053
45	30	LDR BIAS	0.60026	0.59986	-0.0004
46	30	LDR UNBIAS	0.60031	0.60027	-4e-05
47	30	LDR UNBIAS	0.59999	0.59985	-0.00014
48	30	LDR UNBIAS	0.59989	0.59932	-0.00057
49	30	LDR UNBIAS	0.59982	0.59979	-3e-05
50	30	LDR UNBIAS	0.6001	0.59993	-0.00017
51	50	LDR BIAS	0.59997	0.59976	-0.00021
52	50	LDR BIAS	0.6001	0.59993	-0.00017
53	50	LDR BIAS	0.59965	0.59833	-0.00132
54	50	LDR BIAS	0.59963	0.59896	-0.00067
55	50	LDR BIAS	0.60026	0.5997	-0.00056
56	50	LDR UNBIAS	0.60031	0.6004	9e-05
57	50	LDR UNBIAS	0.59999	0.59948	-0.00051
58	50	LDR UNBIAS	0.59989	0.59933	-0.00056
59	50	LDR UNBIAS	0.59982	0.59957	-0.00025
60	50	LDR UNBIAS	0.6001	0.59998	-0.00012
61	100	LDR BIAS	0.59997	0.59992	-5e-05
62	100	LDR BIAS	0.6001	0.59973	-0.00037
63	100	LDR BIAS	0.59965	0.5981	-0.00155
64	100	LDR BIAS	0.59963	0.59905	-0.00058
65	100	LDR BIAS	0.60026	0.59938	-0.00088
66	100	LDR UNBIAS	0.60031	0.60073	0.00042
67	100	LDR UNBIAS	0.59999	0.5996	-0.00039
68	100	LDR UNBIAS	0.59989	0.59949	-0.0004
69	100	LDR UNBIAS	0.59982	0.59954	-0.00028
70	100	LDR UNBIAS	0.6001	0.60071	0.00061



Test Statistics (V)

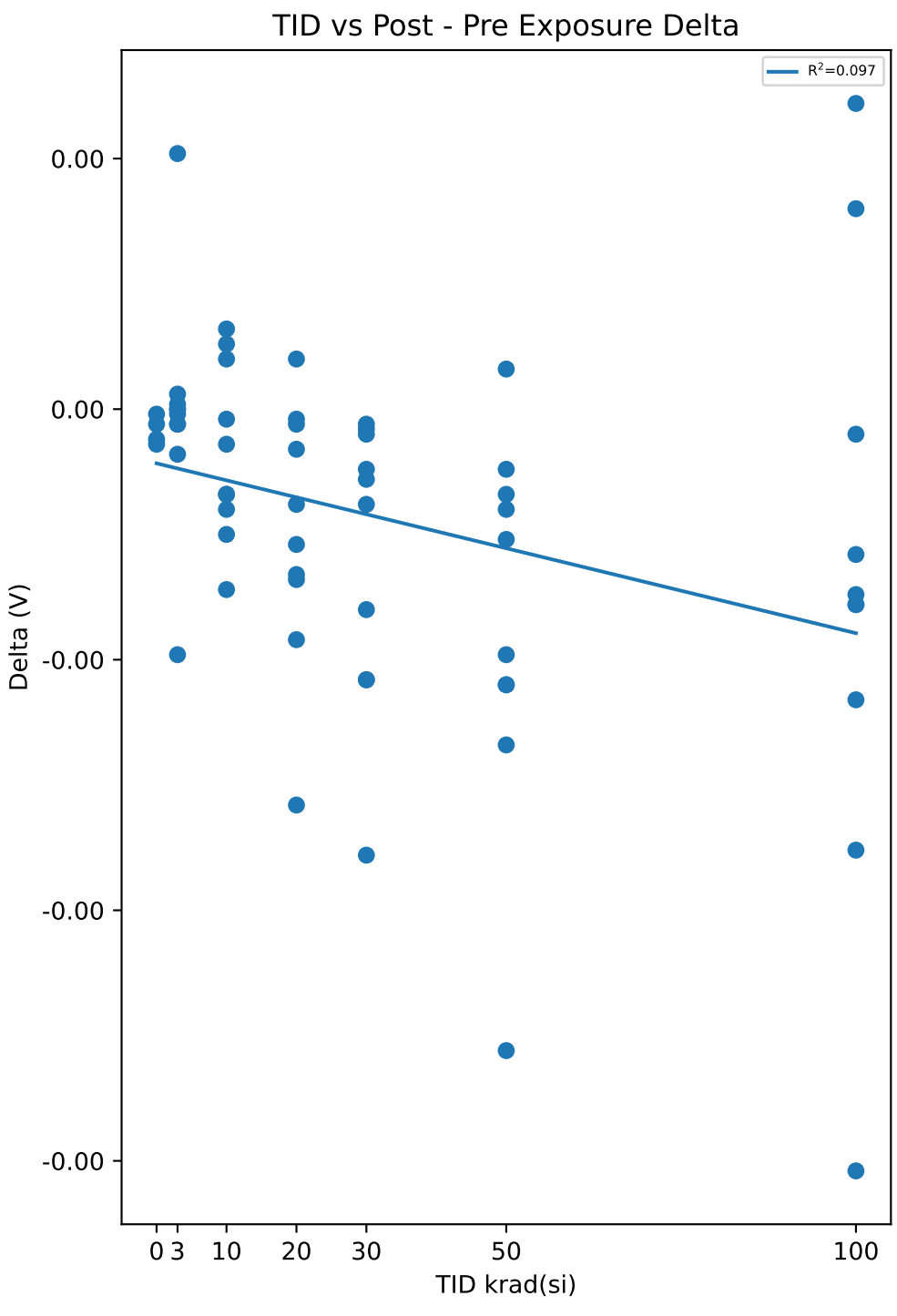
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59987	0.59988	0.59989	9.5743e-06	0.59982	0.59985	0.59987	2.1602e-05	-6e-05	-3.25e-05	-2e-05	1.893e-05
3	0.59963	0.59997	0.60031	0.00023112	0.59954	0.59996	0.60032	0.00026201	-0.00049	-8e-06	0.00053	0.00024289
10	0.59963	0.59997	0.60031	0.00023112	0.59931	0.59989	0.60026	0.00026323	-0.00032	-7.9e-05	0.00016	0.00017298
20	0.59963	0.59997	0.60031	0.00023112	0.59882	0.59973	0.6003	0.00044347	-0.00083	-0.000242	0.0001	0.00027198
30	0.59963	0.59997	0.60031	0.00023112	0.59871	0.59967	0.60027	0.00047847	-0.00094	-0.000299	-3e-05	0.00030274
50	0.59963	0.59997	0.60031	0.00023112	0.59833	0.59954	0.6004	0.00057814	-0.00132	-0.000428	9e-05	0.00039508
100	0.59963	0.59997	0.60031	0.00023112	0.5981	0.59962	0.60073	0.00076294	-0.00155	-0.000347	0.00061	0.00061352

Device Test: 19.73 VOLTAGE|VREF//12/12/0/1000/5/500kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

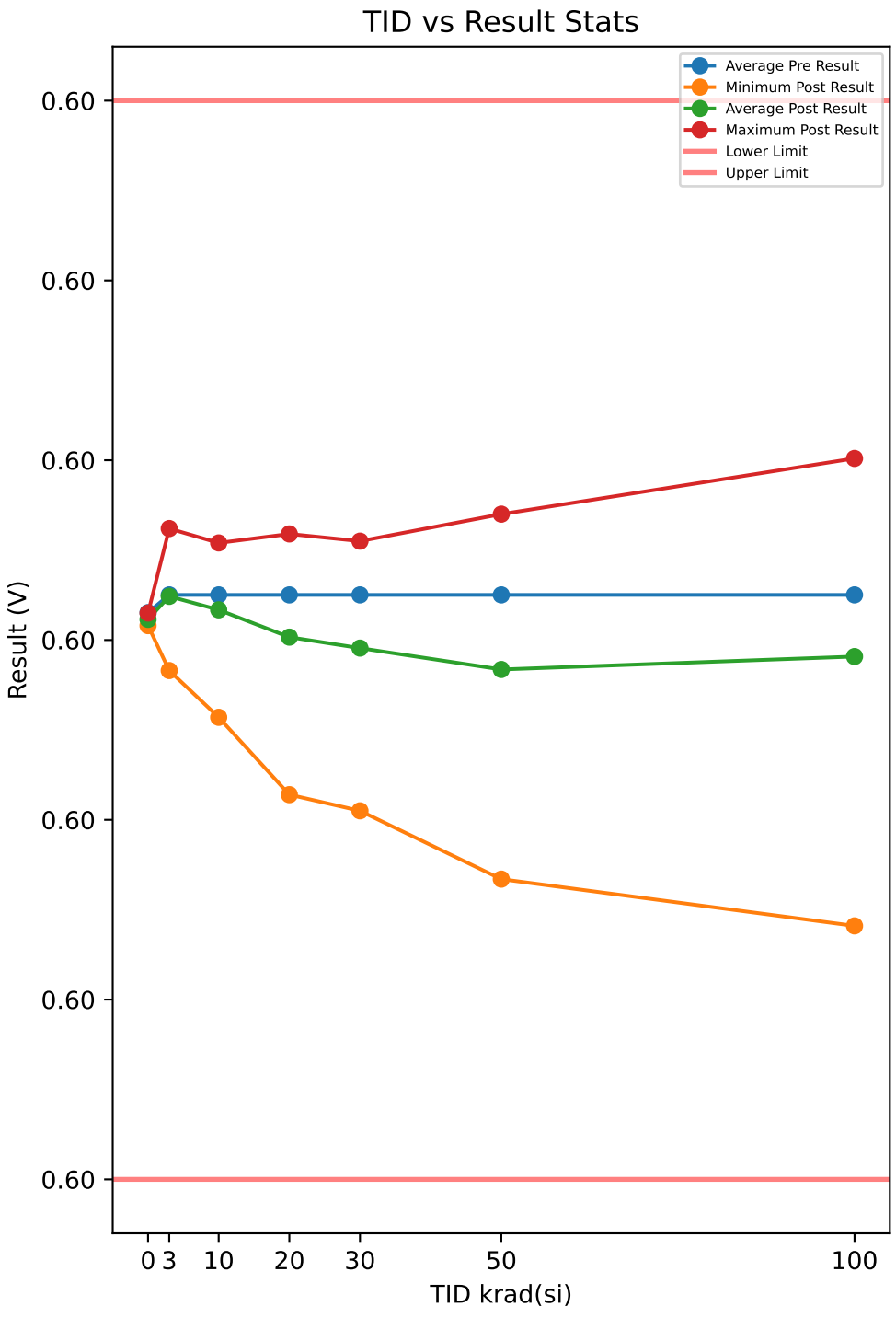
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60017	0.6002	3e-05
2	3	LDR BIAS	0.60031	0.59982	-0.00049
3	3	LDR BIAS	0.59987	0.60038	0.00051
4	3	LDR BIAS	0.59986	0.59977	-9e-05
5	3	LDR BIAS	0.60049	0.60049	0
6	3	LDR UNBIAS	0.60055	0.60055	0
7	3	LDR UNBIAS	0.60019	0.60016	-3e-05
8	3	LDR UNBIAS	0.6001	0.60011	1e-05
9	3	LDR UNBIAS	0.60006	0.60003	-3e-05
10	3	LDR UNBIAS	0.60032	0.60031	-1e-05
11	0	CORRELATION	0.60009	0.60003	-6e-05
12	0	CORRELATION	0.60013	0.60006	-7e-05
13	0	CORRELATION	0.60007	0.60004	-3e-05
14	0	CORRELATION	0.6001	0.60009	-1e-05
21	10	LDR BIAS	0.60017	0.60027	0.0001
22	10	LDR BIAS	0.60031	0.60029	-2e-05
23	10	LDR BIAS	0.59987	0.60003	0.00016
24	10	LDR BIAS	0.59986	0.5995	-0.00036
25	10	LDR BIAS	0.60049	0.60024	-0.00025
26	10	LDR UNBIAS	0.60055	0.60048	-7e-05
27	10	LDR UNBIAS	0.60019	0.60002	-0.00017
28	10	LDR UNBIAS	0.6001	0.5999	-0.0002
29	10	LDR UNBIAS	0.60006	0.60019	0.00013
30	10	LDR UNBIAS	0.60032	0.60015	-0.00017
31	20	LDR BIAS	0.60017	0.60027	0.0001
32	20	LDR BIAS	0.60031	0.60023	-8e-05
33	20	LDR BIAS	0.59987	0.59908	-0.00079
34	20	LDR BIAS	0.59986	0.5994	-0.00046
35	20	LDR BIAS	0.60049	0.60015	-0.00034
36	20	LDR UNBIAS	0.60055	0.60052	-3e-05
37	20	LDR UNBIAS	0.60019	0.59992	-0.00027
38	20	LDR UNBIAS	0.6001	0.59977	-0.00033
39	20	LDR UNBIAS	0.60006	0.60004	-2e-05
40	20	LDR UNBIAS	0.60032	0.60013	-0.00019
41	30	LDR BIAS	0.60017	0.60005	-0.00012
42	30	LDR BIAS	0.60031	0.60027	-4e-05
43	30	LDR BIAS	0.59987	0.59898	-0.00089
44	30	LDR BIAS	0.59986	0.59932	-0.00054
45	30	LDR BIAS	0.60049	0.60009	-0.0004
46	30	LDR UNBIAS	0.60055	0.6005	-5e-05
47	30	LDR UNBIAS	0.60019	0.60005	-0.00014
48	30	LDR UNBIAS	0.6001	0.59956	-0.00054
49	30	LDR UNBIAS	0.60006	0.60003	-3e-05
50	30	LDR UNBIAS	0.60032	0.60013	-0.00019
51	50	LDR BIAS	0.60017	0.59997	-0.0002
52	50	LDR BIAS	0.60031	0.60014	-0.00017
53	50	LDR BIAS	0.59987	0.59859	-0.00128
54	50	LDR BIAS	0.59986	0.59919	-0.00067
55	50	LDR BIAS	0.60049	0.59994	-0.00055
56	50	LDR UNBIAS	0.60055	0.60063	8e-05
57	50	LDR UNBIAS	0.60019	0.5997	-0.00049
58	50	LDR UNBIAS	0.6001	0.59955	-0.00055
59	50	LDR UNBIAS	0.60006	0.5998	-0.00026
60	50	LDR UNBIAS	0.60032	0.6002	-0.00012
61	100	LDR BIAS	0.60017	0.60012	-5e-05
62	100	LDR BIAS	0.60031	0.59994	-0.00037
63	100	LDR BIAS	0.59987	0.59835	-0.00152
64	100	LDR BIAS	0.59986	0.59928	-0.00058
65	100	LDR BIAS	0.60049	0.59961	-0.00088
66	100	LDR UNBIAS	0.60055	0.60095	0.0004
67	100	LDR UNBIAS	0.60019	0.5998	-0.00039
68	100	LDR UNBIAS	0.6001	0.59971	-0.00039
69	100	LDR UNBIAS	0.60006	0.59977	-0.00029
70	100	LDR UNBIAS	0.60032	0.60093	0.00061



Test Statistics (V)

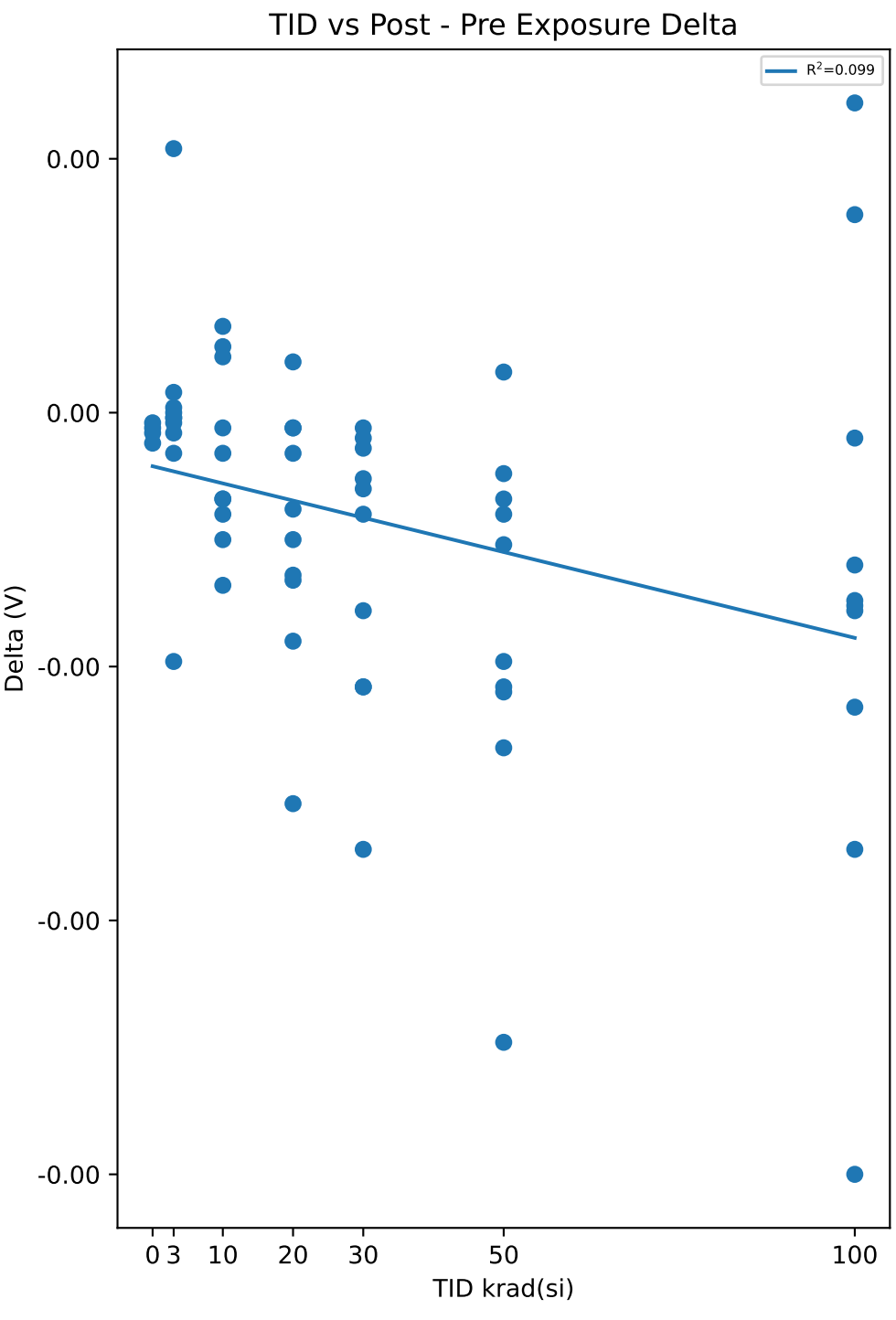
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.60007	0.6001	0.60013	2.5e-05	0.60003	0.60006	0.60009	2.6458e-05	-7e-05	-4.25e-05	-1e-05	2.7538e-05
3	0.59986	0.60019	0.60055	0.00023275	0.59977	0.60018	0.60055	0.00026157	-0.00049	-1e-05	0.00051	0.00023809
10	0.59986	0.60019	0.60055	0.00023275	0.5995	0.60011	0.60048	0.00026883	-0.00036	-8.5e-05	0.00016	0.00017494
20	0.59986	0.60019	0.60055	0.00023275	0.59908	0.59995	0.60052	0.00043191	-0.00079	-0.000241	0.0001	0.00025951
30	0.59986	0.60019	0.60055	0.00023275	0.59898	0.5999	0.6005	0.00046502	-0.00089	-0.000294	-3e-05	0.00028791
50	0.59986	0.60019	0.60055	0.00023275	0.59859	0.59977	0.60063	0.00056895	-0.00128	-0.000421	8e-05	0.00038258
100	0.59986	0.60019	0.60055	0.00023275	0.59835	0.59985	0.60095	0.00075412	-0.00152	-0.000346	0.00061	0.00060405

Device Test: 19.75 VOLTAGE|VREF//14/14/0/1000/5/500kHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

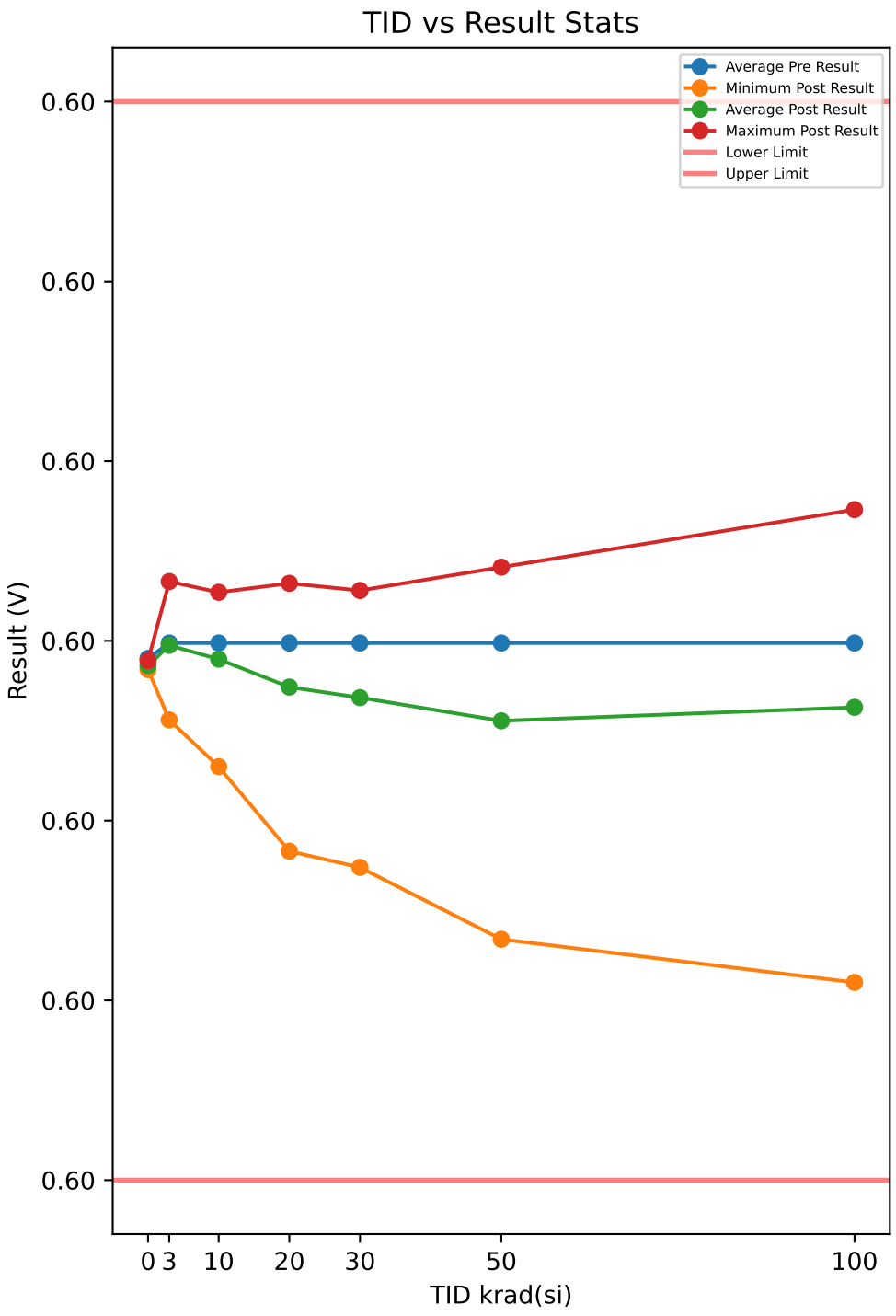
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60023	0.60027	4e-05
2	3	LDR BIAS	0.60037	0.59988	-0.00049
3	3	LDR BIAS	0.59991	0.60043	0.00052
4	3	LDR BIAS	0.59991	0.59983	-8e-05
5	3	LDR BIAS	0.60055	0.60054	-1e-05
6	3	LDR UNBIAS	0.60062	0.60062	0
7	3	LDR UNBIAS	0.60024	0.6002	-4e-05
8	3	LDR UNBIAS	0.60016	0.60017	1e-05
9	3	LDR UNBIAS	0.60013	0.60011	-2e-05
10	3	LDR UNBIAS	0.60039	0.60038	-1e-05
11	0	CORRELATION	0.60014	0.60008	-6e-05
12	0	CORRELATION	0.60018	0.60014	-4e-05
13	0	CORRELATION	0.60012	0.60009	-3e-05
14	0	CORRELATION	0.60017	0.60015	-2e-05
21	10	LDR BIAS	0.60023	0.60034	0.00011
22	10	LDR BIAS	0.60037	0.60034	-3e-05
23	10	LDR BIAS	0.59991	0.60008	0.00017
24	10	LDR BIAS	0.59991	0.59957	-0.00034
25	10	LDR BIAS	0.60055	0.6003	-0.00025
26	10	LDR UNBIAS	0.60062	0.60054	-8e-05
27	10	LDR UNBIAS	0.60024	0.60007	-0.00017
28	10	LDR UNBIAS	0.60016	0.59996	-0.0002
29	10	LDR UNBIAS	0.60013	0.60026	0.00013
30	10	LDR UNBIAS	0.60039	0.60022	-0.00017
31	20	LDR BIAS	0.60023	0.60033	0.0001
32	20	LDR BIAS	0.60037	0.60029	-8e-05
33	20	LDR BIAS	0.59991	0.59914	-0.00077
34	20	LDR BIAS	0.59991	0.59946	-0.00045
35	20	LDR BIAS	0.60055	0.60022	-0.00033
36	20	LDR UNBIAS	0.60062	0.60059	-3e-05
37	20	LDR UNBIAS	0.60024	0.59999	-0.00025
38	20	LDR UNBIAS	0.60016	0.59984	-0.00032
39	20	LDR UNBIAS	0.60013	0.6001	-3e-05
40	20	LDR UNBIAS	0.60039	0.6002	-0.00019
41	30	LDR BIAS	0.60023	0.60008	-0.00015
42	30	LDR BIAS	0.60037	0.60032	-5e-05
43	30	LDR BIAS	0.59991	0.59905	-0.00086
44	30	LDR BIAS	0.59991	0.59937	-0.00054
45	30	LDR BIAS	0.60055	0.60016	-0.00039
46	30	LDR UNBIAS	0.60062	0.60055	-7e-05
47	30	LDR UNBIAS	0.60024	0.60011	-0.00013
48	30	LDR UNBIAS	0.60016	0.59962	-0.00054
49	30	LDR UNBIAS	0.60013	0.6001	-3e-05
50	30	LDR UNBIAS	0.60039	0.60019	-0.0002
51	50	LDR BIAS	0.60023	0.60003	-0.0002
52	50	LDR BIAS	0.60037	0.6002	-0.00017
53	50	LDR BIAS	0.59991	0.59867	-0.00124
54	50	LDR BIAS	0.59991	0.59925	-0.00066
55	50	LDR BIAS	0.60055	0.6	-0.00055
56	50	LDR UNBIAS	0.60062	0.6007	8e-05
57	50	LDR UNBIAS	0.60024	0.59975	-0.00049
58	50	LDR UNBIAS	0.60016	0.59962	-0.00054
59	50	LDR UNBIAS	0.60013	0.59987	-0.00026
60	50	LDR UNBIAS	0.60039	0.60027	-0.00012
61	100	LDR BIAS	0.60023	0.60018	-5e-05
62	100	LDR BIAS	0.60037	0.6	-0.00037
63	100	LDR BIAS	0.59991	0.59841	-0.0015
64	100	LDR BIAS	0.59991	0.59933	-0.00058
65	100	LDR BIAS	0.60055	0.59969	-0.00086
66	100	LDR UNBIAS	0.60062	0.60101	0.00039
67	100	LDR UNBIAS	0.60024	0.59985	-0.00039
68	100	LDR UNBIAS	0.60016	0.59978	-0.00038
69	100	LDR UNBIAS	0.60013	0.59983	-0.0003
70	100	LDR UNBIAS	0.60039	0.601	0.00061



Test Statistics (V)

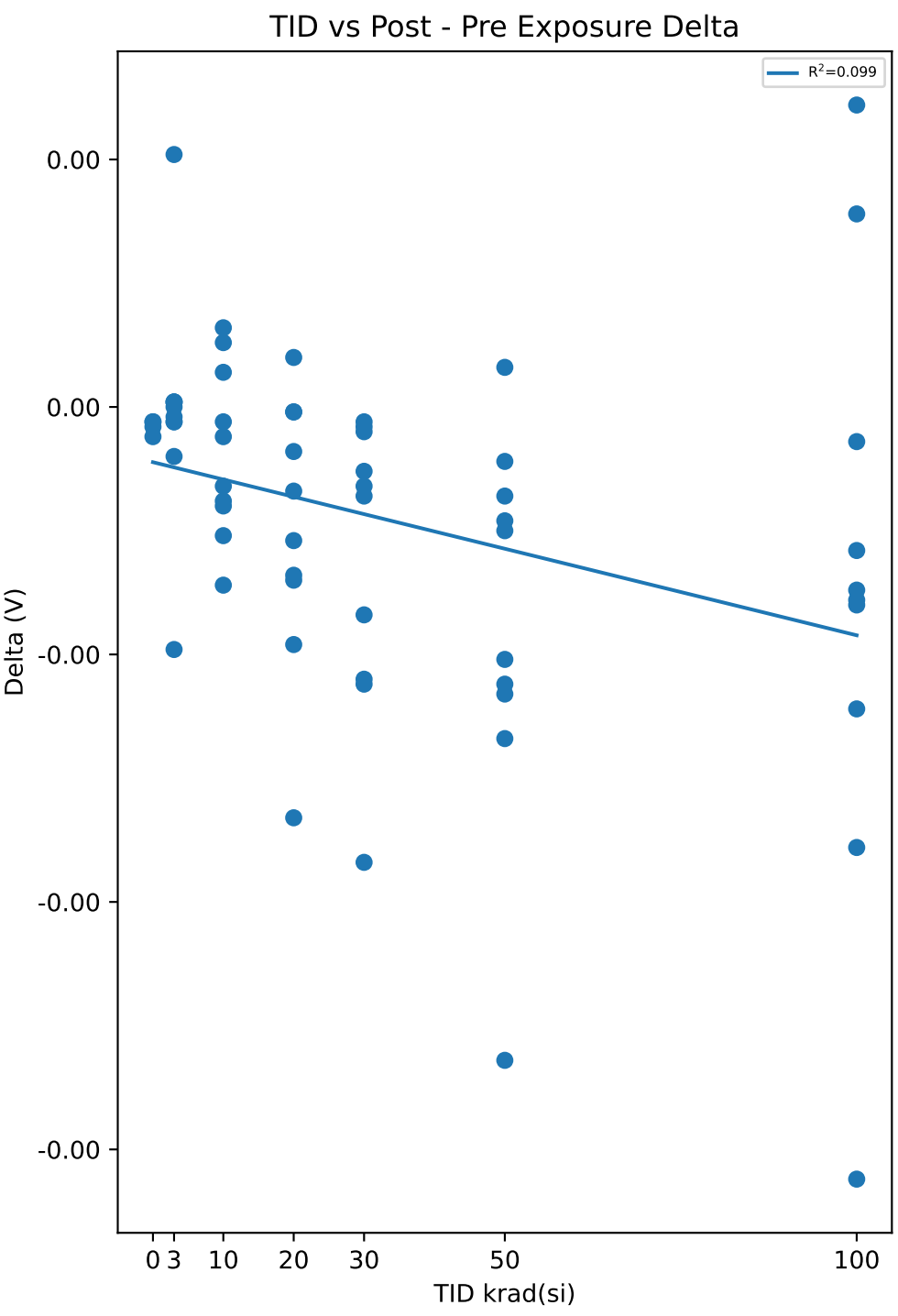
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.60012	0.60015	0.60018	2.7538e-05	0.60008	0.60011	0.60015	3.5119e-05	-6e-05	-3.75e-05	-2e-05	1.7078e-05
3	0.59991	0.60025	0.60062	0.00023923	0.59983	0.60024	0.60062	0.00026077	-0.00049	-8e-06	0.00052	0.00024041
10	0.59991	0.60025	0.60062	0.00023923	0.59957	0.60017	0.60054	0.00026757	-0.00034	-8.3e-05	0.00017	0.00017391
20	0.59991	0.60025	0.60062	0.00023923	0.59914	0.60002	0.60059	0.00043383	-0.00077	-0.000235	0.0001	0.00025194
30	0.59991	0.60025	0.60062	0.00023923	0.59905	0.59996	0.60055	0.00046172	-0.00086	-0.000296	-3e-05	0.00027617
50	0.59991	0.60025	0.60062	0.00023923	0.59867	0.59984	0.6007	0.00056667	-0.00124	-0.000415	8e-05	0.00037155
100	0.59991	0.60025	0.60062	0.00023923	0.59841	0.59991	0.60101	0.00075577	-0.0015	-0.000343	0.00061	0.00059625

Device Test: 19.77 VOLTAGE|VREF//4.5/4.5/0/1000/4.5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

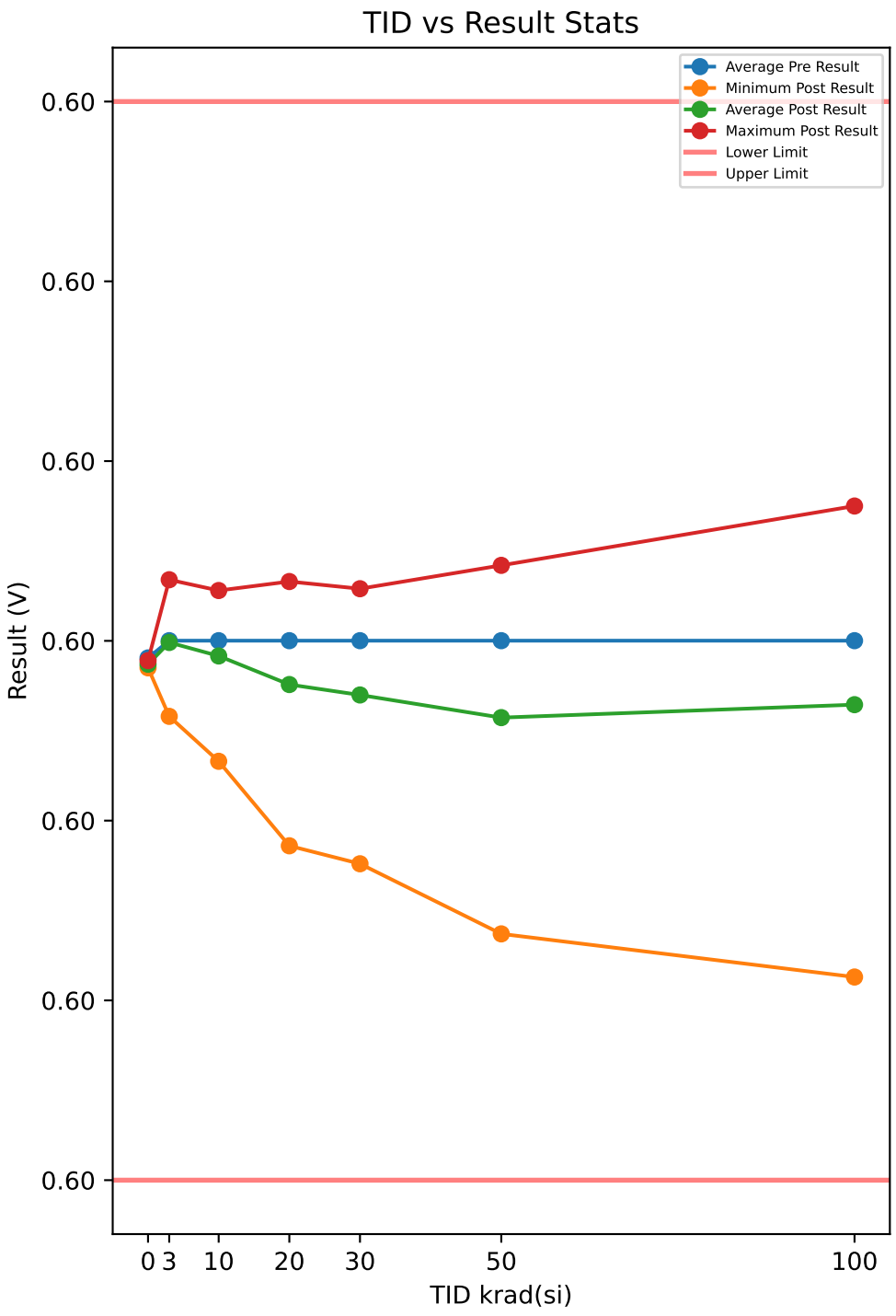
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60001	0.60002	1e-05
2	3	LDR BIAS	0.6001	0.59961	-0.00049
3	3	LDR BIAS	0.59966	0.60017	0.00051
4	3	LDR BIAS	0.59966	0.59956	-0.0001
5	3	LDR BIAS	0.60027	0.60025	-2e-05
6	3	LDR UNBIAS	0.60033	0.60033	0
7	3	LDR UNBIAS	0.6	0.59997	-3e-05
8	3	LDR UNBIAS	0.59988	0.59989	1e-05
9	3	LDR UNBIAS	0.59985	0.59982	-3e-05
10	3	LDR UNBIAS	0.60012	0.60013	1e-05
11	0	CORRELATION	0.5999	0.59984	-6e-05
12	0	CORRELATION	0.59991	0.59987	-4e-05
13	0	CORRELATION	0.59988	0.59985	-3e-05
14	0	CORRELATION	0.59992	0.59989	-3e-05
21	10	LDR BIAS	0.60001	0.60008	7e-05
22	10	LDR BIAS	0.6001	0.60007	-3e-05
23	10	LDR BIAS	0.59966	0.59982	0.00016
24	10	LDR BIAS	0.59966	0.5993	-0.00036
25	10	LDR BIAS	0.60027	0.60001	-0.00026
26	10	LDR UNBIAS	0.60033	0.60027	-6e-05
27	10	LDR UNBIAS	0.6	0.59981	-0.00019
28	10	LDR UNBIAS	0.59988	0.59968	-0.0002
29	10	LDR UNBIAS	0.59985	0.59998	0.00013
30	10	LDR UNBIAS	0.60012	0.59996	-0.00016
31	20	LDR BIAS	0.60001	0.60011	0.0001
32	20	LDR BIAS	0.6001	0.60001	-9e-05
33	20	LDR BIAS	0.59966	0.59883	-0.00083
34	20	LDR BIAS	0.59966	0.59918	-0.00048
35	20	LDR BIAS	0.60027	0.59992	-0.00035
36	20	LDR UNBIAS	0.60033	0.60032	-1e-05
37	20	LDR UNBIAS	0.6	0.59973	-0.00027
38	20	LDR UNBIAS	0.59988	0.59954	-0.00034
39	20	LDR UNBIAS	0.59985	0.59984	-1e-05
40	20	LDR UNBIAS	0.60012	0.59995	-0.00017
41	30	LDR BIAS	0.60001	0.59985	-0.00016
42	30	LDR BIAS	0.6001	0.60006	-4e-05
43	30	LDR BIAS	0.59966	0.59874	-0.00092
44	30	LDR BIAS	0.59966	0.5991	-0.00056
45	30	LDR BIAS	0.60027	0.59985	-0.00042
46	30	LDR UNBIAS	0.60033	0.60028	-5e-05
47	30	LDR UNBIAS	0.6	0.59987	-0.00013
48	30	LDR UNBIAS	0.59988	0.59933	-0.00055
49	30	LDR UNBIAS	0.59985	0.59982	-3e-05
50	30	LDR UNBIAS	0.60012	0.59994	-0.00018
51	50	LDR BIAS	0.60001	0.59978	-0.00023
52	50	LDR BIAS	0.6001	0.59992	-0.00018
53	50	LDR BIAS	0.59966	0.59834	-0.00132
54	50	LDR BIAS	0.59966	0.59899	-0.00067
55	50	LDR BIAS	0.60027	0.59969	-0.00058
56	50	LDR UNBIAS	0.60033	0.60041	8e-05
57	50	LDR UNBIAS	0.6	0.59949	-0.00051
58	50	LDR UNBIAS	0.59988	0.59932	-0.00056
59	50	LDR UNBIAS	0.59985	0.5996	-0.00025
60	50	LDR UNBIAS	0.60012	0.60001	-0.00011
61	100	LDR BIAS	0.60001	0.59994	-7e-05
62	100	LDR BIAS	0.6001	0.59973	-0.00037
63	100	LDR BIAS	0.59966	0.5981	-0.00156
64	100	LDR BIAS	0.59966	0.59905	-0.00061
65	100	LDR BIAS	0.60027	0.59938	-0.00089
66	100	LDR UNBIAS	0.60033	0.60072	0.00039
67	100	LDR UNBIAS	0.6	0.59961	-0.00039
68	100	LDR UNBIAS	0.59988	0.59948	-0.0004
69	100	LDR UNBIAS	0.59985	0.59956	-0.00029
70	100	LDR UNBIAS	0.60012	0.60073	0.00061



Test Statistics (V)

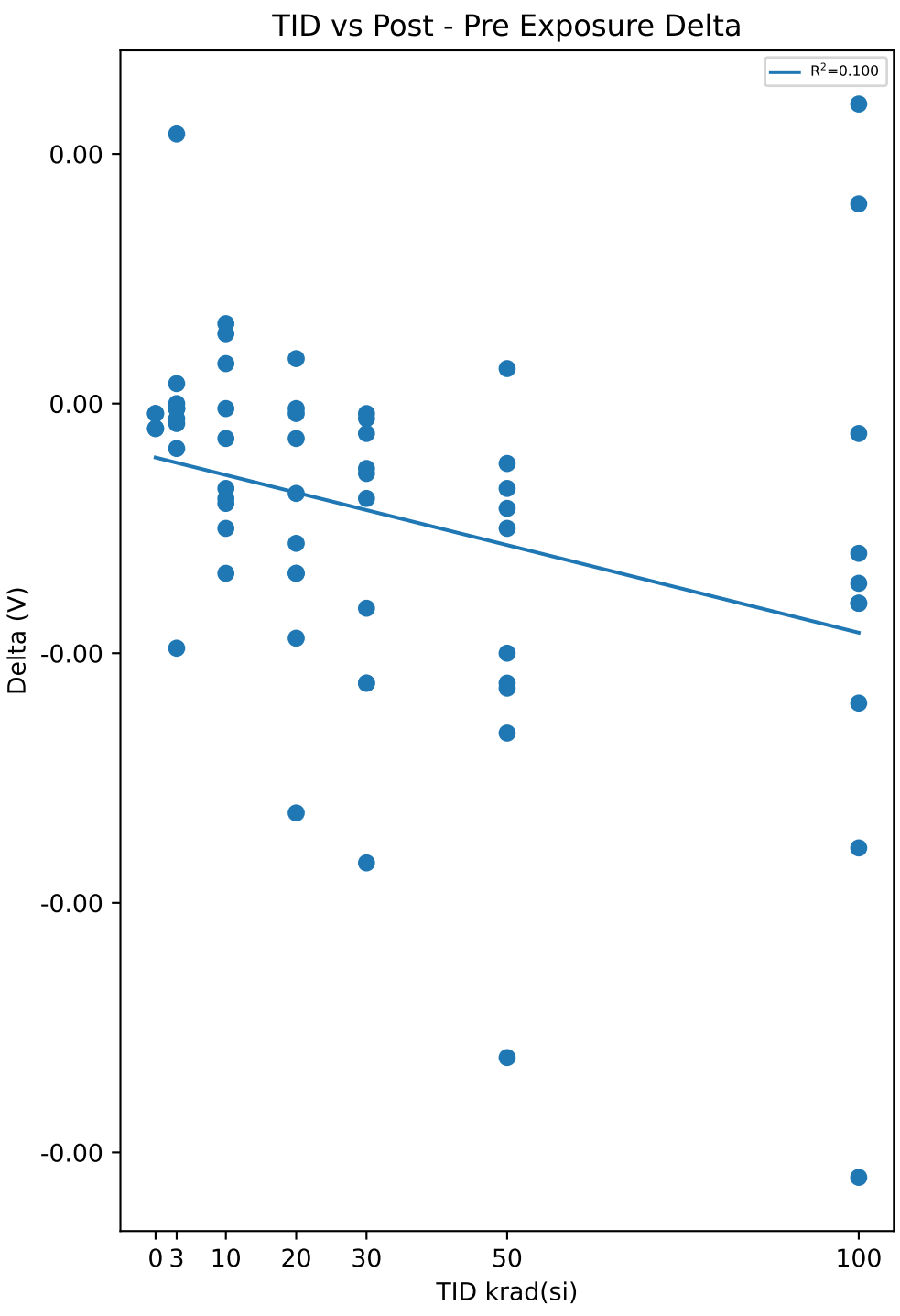
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59988	0.5999	0.59992	1.7078e-05	0.59984	0.59986	0.59989	2.2174e-05	-6e-05	-4e-05	-3e-05	1.4142e-05
3	0.59966	0.59999	0.60033	0.00022924	0.59956	0.59997	0.60033	0.00025873	-0.00049	-1.3e-05	0.00051	0.00023828
10	0.59966	0.59999	0.60033	0.00022924	0.5993	0.5999	0.60027	0.00026732	-0.00036	-9e-05	0.00016	0.00017314
20	0.59966	0.59999	0.60033	0.00022924	0.59883	0.59974	0.60032	0.000449	-0.00083	-0.000245	0.0001	0.00027432
30	0.59966	0.59999	0.60033	0.00022924	0.59874	0.59968	0.60028	0.00047467	-0.00092	-0.000304	-3e-05	0.00029714
50	0.59966	0.59999	0.60033	0.00022924	0.59834	0.59955	0.60041	0.00057707	-0.00132	-0.000433	8e-05	0.00039339
100	0.59966	0.59999	0.60033	0.00022924	0.5981	0.59963	0.60073	0.00076535	-0.00156	-0.000358	0.00061	0.00061268

Device Test: 19.79 VOLTAGE|VREF//5/5/0/1000/5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

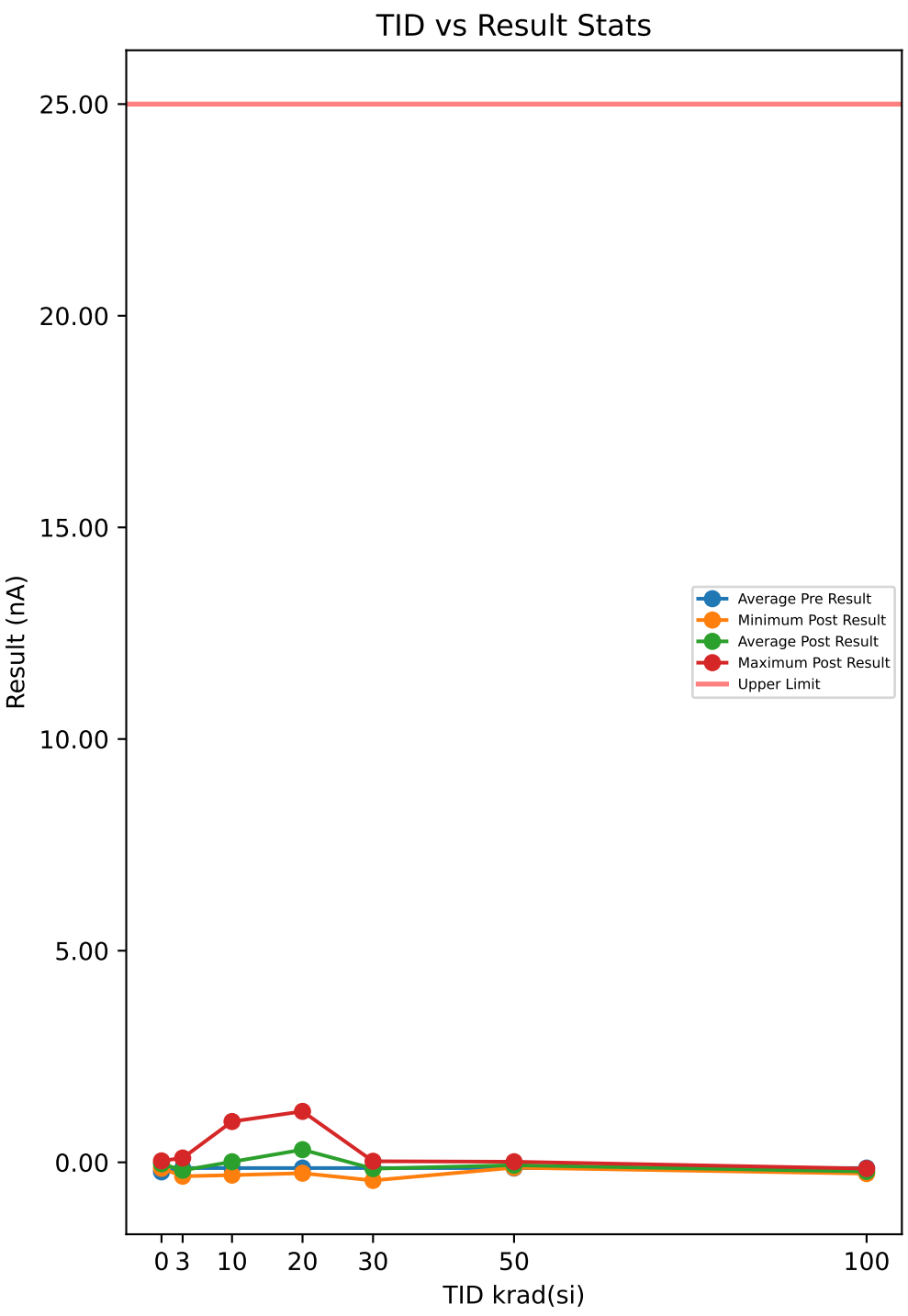
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.6	0.60004	4e-05
2	3	LDR BIAS	0.60012	0.59963	-0.00049
3	3	LDR BIAS	0.59968	0.60022	0.00054
4	3	LDR BIAS	0.59967	0.59958	-9e-05
5	3	LDR BIAS	0.60029	0.60028	-1e-05
6	3	LDR UNBIAS	0.60035	0.60034	-1e-05
7	3	LDR UNBIAS	0.60001	0.59997	-4e-05
8	3	LDR UNBIAS	0.59991	0.59991	0
9	3	LDR UNBIAS	0.59985	0.59982	-3e-05
10	3	LDR UNBIAS	0.60013	0.60012	-1e-05
11	0	CORRELATION	0.5999	0.59985	-5e-05
12	0	CORRELATION	0.59992	0.59987	-5e-05
13	0	CORRELATION	0.59989	0.59987	-2e-05
14	0	CORRELATION	0.59991	0.59989	-2e-05
21	10	LDR BIAS	0.6	0.60008	8e-05
22	10	LDR BIAS	0.60012	0.60011	-1e-05
23	10	LDR BIAS	0.59968	0.59984	0.00016
24	10	LDR BIAS	0.59967	0.59933	-0.00034
25	10	LDR BIAS	0.60029	0.60004	-0.00025
26	10	LDR UNBIAS	0.60035	0.60028	-7e-05
27	10	LDR UNBIAS	0.60001	0.59982	-0.00019
28	10	LDR UNBIAS	0.59991	0.59971	-0.0002
29	10	LDR UNBIAS	0.59985	0.59999	0.00014
30	10	LDR UNBIAS	0.60013	0.59996	-0.00017
31	20	LDR BIAS	0.6	0.60009	9e-05
32	20	LDR BIAS	0.60012	0.60005	-7e-05
33	20	LDR BIAS	0.59968	0.59886	-0.00082
34	20	LDR BIAS	0.59967	0.5992	-0.00047
35	20	LDR BIAS	0.60029	0.59995	-0.00034
36	20	LDR UNBIAS	0.60035	0.60033	-2e-05
37	20	LDR UNBIAS	0.60001	0.59973	-0.00028
38	20	LDR UNBIAS	0.59991	0.59957	-0.00034
39	20	LDR UNBIAS	0.59985	0.59984	-1e-05
40	20	LDR UNBIAS	0.60013	0.59995	-0.00018
41	30	LDR BIAS	0.6	0.59987	-0.00013
42	30	LDR BIAS	0.60012	0.60009	-3e-05
43	30	LDR BIAS	0.59968	0.59876	-0.00092
44	30	LDR BIAS	0.59967	0.59911	-0.00056
45	30	LDR BIAS	0.60029	0.59988	-0.00041
46	30	LDR UNBIAS	0.60035	0.60029	-6e-05
47	30	LDR UNBIAS	0.60001	0.59987	-0.00014
48	30	LDR UNBIAS	0.59991	0.59935	-0.00056
49	30	LDR UNBIAS	0.59985	0.59983	-2e-05
50	30	LDR UNBIAS	0.60013	0.59994	-0.00019
51	50	LDR BIAS	0.6	0.59979	-0.00021
52	50	LDR BIAS	0.60012	0.59995	-0.00017
53	50	LDR BIAS	0.59968	0.59837	-0.00131
54	50	LDR BIAS	0.59967	0.59901	-0.00066
55	50	LDR BIAS	0.60029	0.59972	-0.00057
56	50	LDR UNBIAS	0.60035	0.60042	7e-05
57	50	LDR UNBIAS	0.60001	0.59951	-0.0005
58	50	LDR UNBIAS	0.59991	0.59935	-0.00056
59	50	LDR UNBIAS	0.59985	0.5996	-0.00025
60	50	LDR UNBIAS	0.60013	0.60001	-0.00012
61	100	LDR BIAS	0.6	0.59994	-6e-05
62	100	LDR BIAS	0.60012	0.59976	-0.00036
63	100	LDR BIAS	0.59968	0.59813	-0.00155
64	100	LDR BIAS	0.59967	0.59907	-0.0006
65	100	LDR BIAS	0.60029	0.5994	-0.00089
66	100	LDR UNBIAS	0.60035	0.60075	0.0004
67	100	LDR UNBIAS	0.60001	0.59961	-0.0004
68	100	LDR UNBIAS	0.59991	0.59951	-0.0004
69	100	LDR UNBIAS	0.59985	0.59955	-0.0003
70	100	LDR UNBIAS	0.60013	0.60073	0.0006



Test Statistics (V)

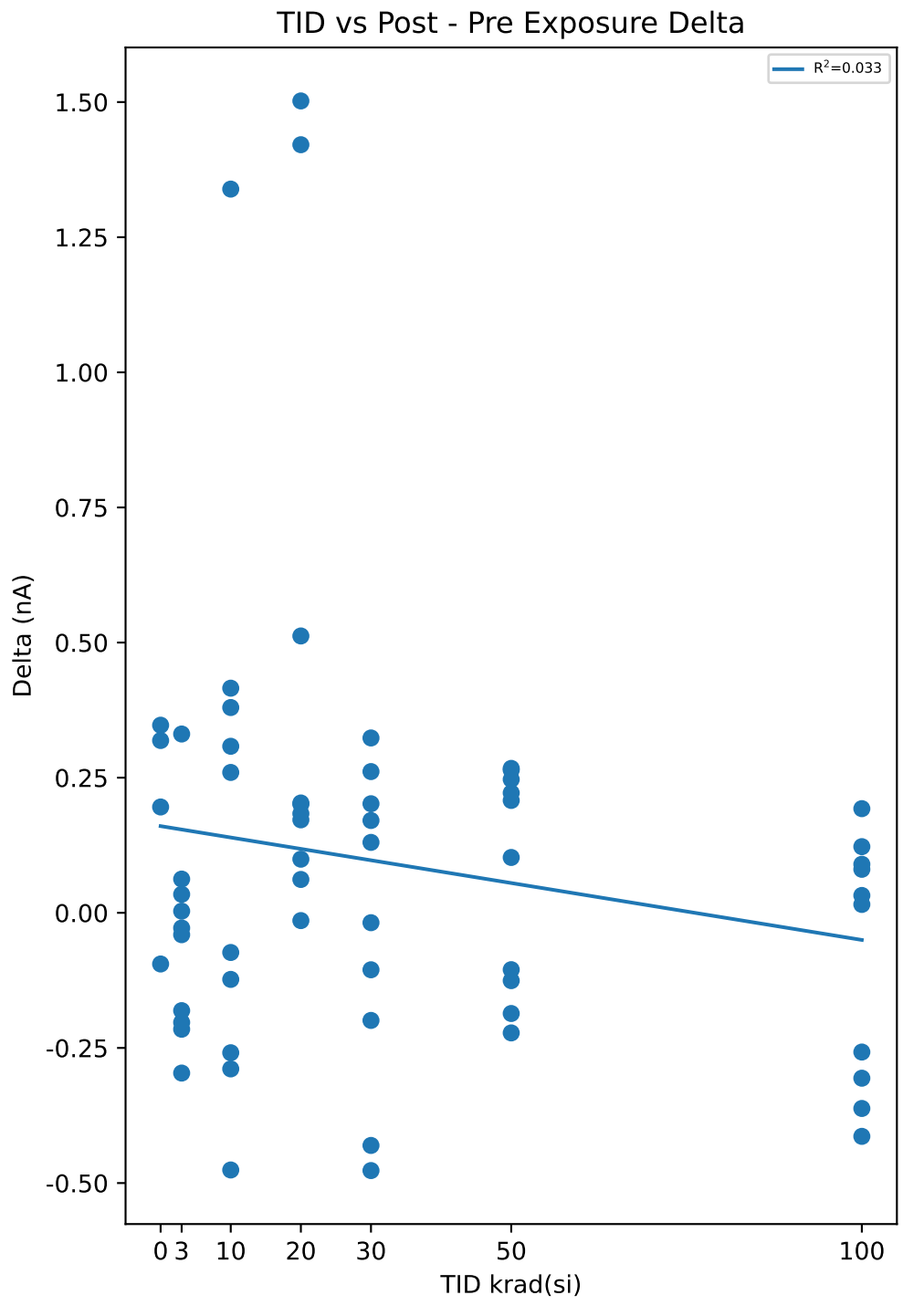
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.59989	0.59991	0.59992	1.291e-05	0.59985	0.59987	0.59989	1.633e-05	-5e-05	-3.5e-05	-2e-05	1.7321e-05
3	0.59967	0.6	0.60035	0.00023091	0.59958	0.59999	0.60034	0.00026083	-0.00049	-1e-05	0.00054	0.00024567
10	0.59967	0.6	0.60035	0.00023091	0.59933	0.59992	0.60028	0.0002626	-0.00034	-8.5e-05	0.00016	0.00017239
20	0.59967	0.6	0.60035	0.00023091	0.59886	0.59976	0.60033	0.00044184	-0.00082	-0.000244	9e-05	0.00026945
30	0.59967	0.6	0.60035	0.00023091	0.59876	0.5997	0.60029	0.00047365	-0.00092	-0.000302	-2e-05	0.00029947
50	0.59967	0.6	0.60035	0.00023091	0.59837	0.59957	0.60042	0.00057133	-0.00131	-0.000428	7e-05	0.00038918
100	0.59967	0.6	0.60035	0.00023091	0.59813	0.59964	0.60075	0.00076106	-0.00155	-0.000356	0.0006	0.00061014

Device Test: 19.8 CURRENT|EA//5/5/0/0/5/500kHz//@EA_IB



Test Results (Upper Limit = 25.0 (nA))

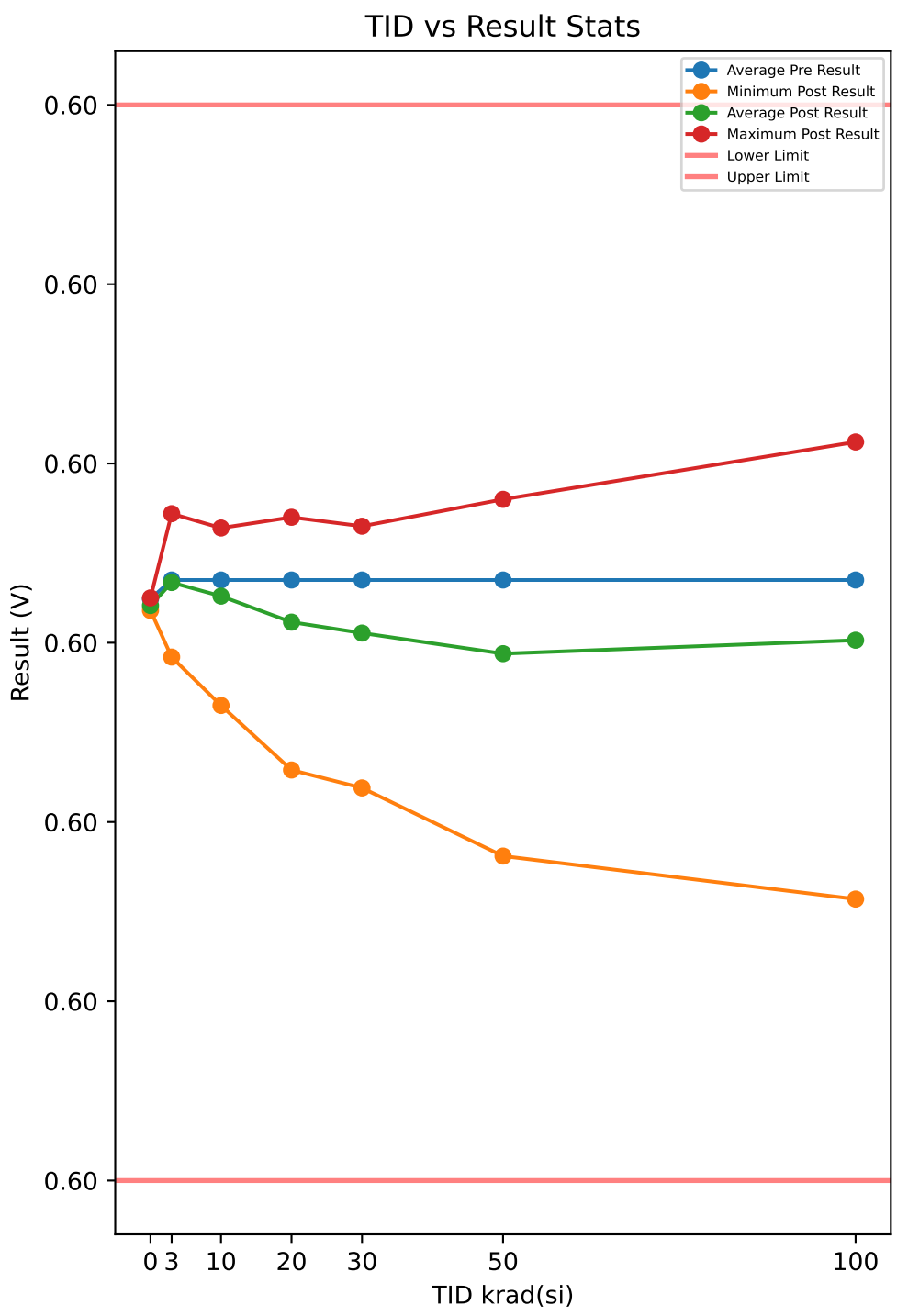
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.1019	-0.1009	-0.2028
2	3	LDR BIAS	-0.3188	-0.3157	0.0031
3	3	LDR BIAS	0.0255	-0.1899	-0.2154
4	3	LDR BIAS	-0.2984	-0.2642	0.0342
5	3	LDR BIAS	0.1113	-0.0697	-0.181
6	3	LDR UNBIAS	-0.3001	-0.3282	-0.0281
7	3	LDR UNBIAS	0.2002	-0.0963	-0.2965
8	3	LDR UNBIAS	-0.2704	-0.3109	-0.0405
9	3	LDR UNBIAS	-0.2289	0.1019	0.3308
10	3	LDR UNBIAS	-0.375	-0.3126	0.0624
11	0	CORRELATION	-0.3366	-0.1408	0.1958
12	0	CORRELATION	-0.3264	-0.0076	0.3188
13	0	CORRELATION	0.0738	-0.0209	-0.0947
14	0	CORRELATION	-0.3126	0.0345	0.3471
21	10	LDR BIAS	0.1019	-0.157	-0.2589
22	10	LDR BIAS	-0.3188	0.061	0.3798
23	10	LDR BIAS	0.0255	-0.0977	-0.1232
24	10	LDR BIAS	-0.2984	0.1172	0.4156
25	10	LDR BIAS	0.1113	-0.1775	-0.2888
26	10	LDR UNBIAS	-0.3001	0.008	0.3081
27	10	LDR UNBIAS	0.2002	-0.2756	-0.4758
28	10	LDR UNBIAS	-0.2704	-0.0107	0.2597
29	10	LDR UNBIAS	-0.2289	-0.3023	-0.0734
30	10	LDR UNBIAS	-0.375	0.964	1.339
31	20	LDR BIAS	0.1019	0.3051	0.2032
32	20	LDR BIAS	-0.3188	-0.2571	0.0617
33	20	LDR BIAS	0.0255	0.2264	0.2009
34	20	LDR BIAS	-0.2984	1.2037	1.5021
35	20	LDR BIAS	0.1113	0.2833	0.172
36	20	LDR UNBIAS	-0.3001	-0.2009	0.0992
37	20	LDR UNBIAS	0.2002	0.1858	-0.0144
38	20	LDR UNBIAS	-0.2704	1.1507	1.4211
39	20	LDR UNBIAS	-0.2289	0.2833	0.5122
40	20	LDR UNBIAS	-0.375	-0.1915	0.1835
41	30	LDR BIAS	0.1019	-0.0035	-0.1054
42	30	LDR BIAS	-0.3188	-0.148	0.1708
43	30	LDR BIAS	0.0255	0.0072	-0.0183
44	30	LDR BIAS	-0.2984	0.0251	0.3235
45	30	LDR BIAS	0.1113	-0.3656	-0.4769
46	30	LDR UNBIAS	-0.3001	-0.1698	0.1303
47	30	LDR UNBIAS	0.2002	-0.2302	-0.4304
48	30	LDR UNBIAS	-0.2704	-0.0686	0.2018
49	30	LDR UNBIAS	-0.2289	-0.428	-0.1991
50	30	LDR UNBIAS	-0.375	-0.1137	0.2613
51	50	LDR BIAS	0.1019	-0.0236	-0.1255
52	50	LDR BIAS	-0.3188	-0.1109	0.2079
53	50	LDR BIAS	0.0255	-0.0797	-0.1052
54	50	LDR BIAS	-0.2984	-0.0766	0.2218
55	50	LDR BIAS	0.1113	-0.1109	-0.2222
56	50	LDR UNBIAS	-0.3001	-0.0329	0.2672
57	50	LDR UNBIAS	0.2002	0.0139	-0.1863
58	50	LDR UNBIAS	-0.2704	-0.0236	0.2468
59	50	LDR UNBIAS	-0.2289	-0.1265	0.1024
60	50	LDR UNBIAS	-0.375	-0.1109	0.2641
61	100	LDR BIAS	0.1019	-0.2601	-0.362
62	100	LDR BIAS	-0.3188	-0.2383	0.0805
63	100	LDR BIAS	0.0255	-0.2321	-0.2576
64	100	LDR BIAS	-0.2984	-0.2663	0.0321
65	100	LDR BIAS	0.1113	-0.1947	-0.306
66	100	LDR UNBIAS	-0.3001	-0.2103	0.0898
67	100	LDR UNBIAS	0.2002	-0.2134	-0.4136
68	100	LDR UNBIAS	-0.2704	-0.148	0.1224
69	100	LDR UNBIAS	-0.2289	-0.2134	0.0155
70	100	LDR UNBIAS	-0.375	-0.1823	0.1927

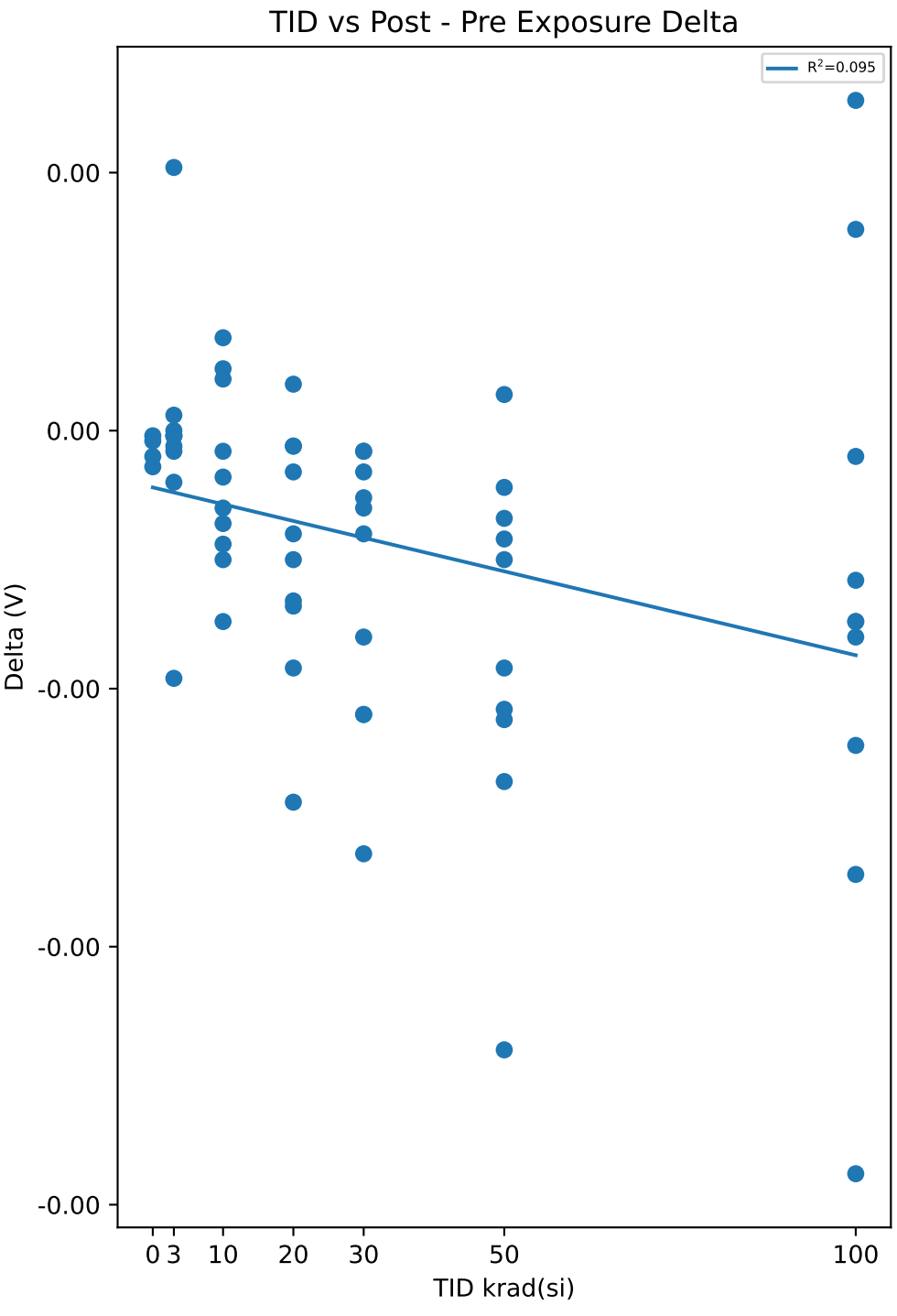


Test Statistics (nA)

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	-0.3366	-0.22545	0.0738	0.19974	-0.1408	-0.0337	0.0345	0.075204	-0.0947	0.19175	0.3471	0.20194
3	-0.375	-0.13527	0.2002	0.21792	-0.3282	-0.18865	0.1019	0.14393	-0.2965	-0.05338	0.3308	0.18155
10	-0.375	-0.13527	0.2002	0.21792	-0.3023	0.01294	0.964	0.36183	-0.4758	0.14821	1.339	0.52175
20	-0.375	-0.13527	0.2002	0.21792	-0.2571	0.29888	1.2037	0.51232	-0.0144	0.43415	1.5021	0.55898
30	-0.375	-0.13527	0.2002	0.21792	-0.428	-0.14951	0.0251	0.15469	-0.4769	-0.01424	0.3235	0.28314
50	-0.375	-0.13527	0.2002	0.21792	-0.1265	-0.06817	0.0139	0.048346	-0.2222	0.0671	0.2672	0.20299
100	-0.375	-0.13527	0.2002	0.21792	-0.2663	-0.21589	-0.148	0.035732	-0.4136	-0.08062	0.1927	0.22731

Device Test: 19.81 VOLTAGE|VREF//12/12/0/1000/5/1MHz//@VREF_25C





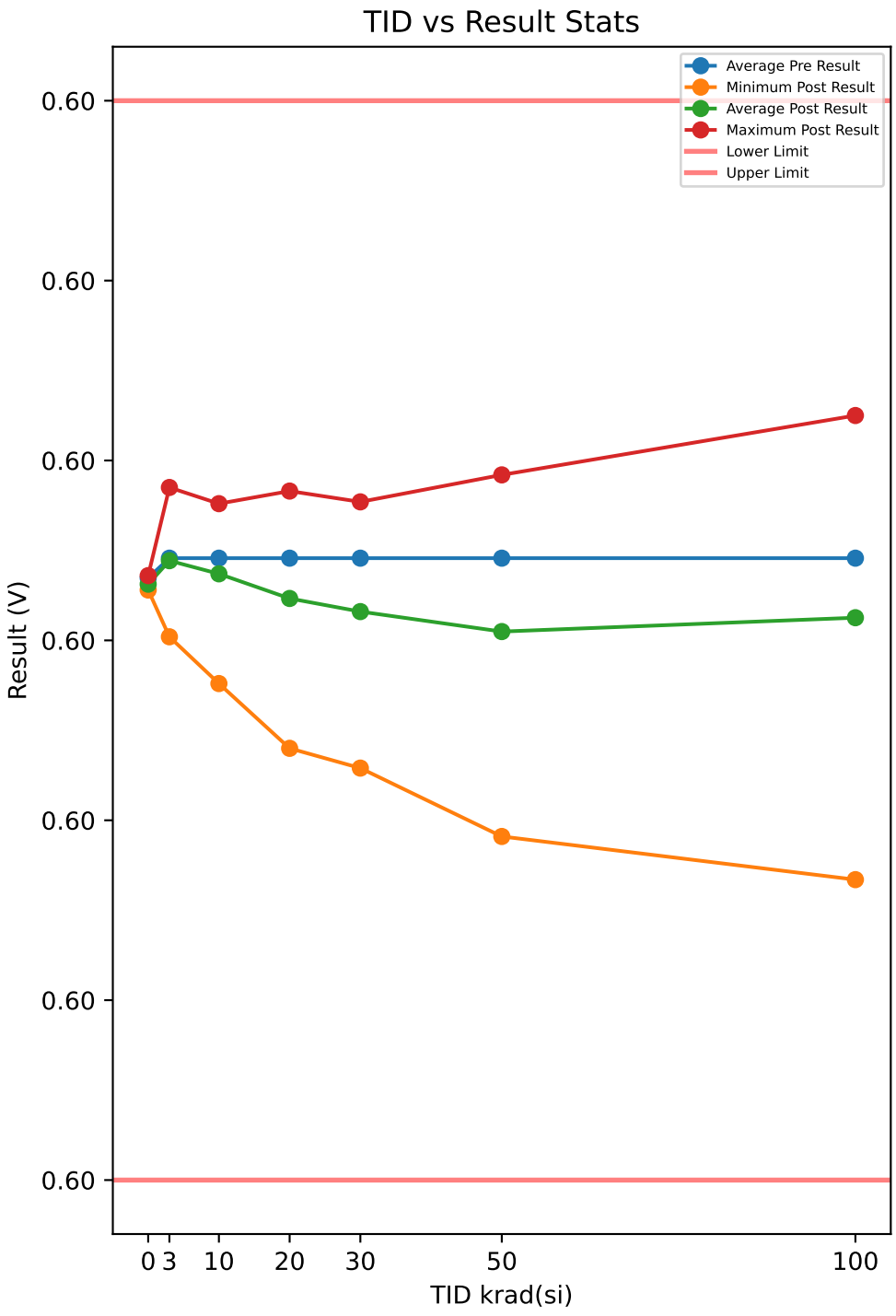
Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60032	0.60035	3e-05
2	3	LDR BIAS	0.60046	0.59998	-0.00048
3	3	LDR BIAS	0.60001	0.60052	0.00051
4	3	LDR BIAS	0.60002	0.59992	-0.0001
5	3	LDR BIAS	0.60066	0.60065	-1e-05
6	3	LDR UNBIAS	0.60073	0.60072	-1e-05
7	3	LDR UNBIAS	0.60032	0.60028	-4e-05
8	3	LDR UNBIAS	0.60027	0.60027	0
9	3	LDR UNBIAS	0.60023	0.6002	-3e-05
10	3	LDR UNBIAS	0.60048	0.60047	-1e-05
11	0	CORRELATION	0.60023	0.60018	-5e-05
12	0	CORRELATION	0.60029	0.60022	-7e-05
13	0	CORRELATION	0.6002	0.60018	-2e-05
14	0	CORRELATION	0.60026	0.60025	-1e-05
21	10	LDR BIAS	0.60032	0.60042	0.0001
22	10	LDR BIAS	0.60046	0.60042	-4e-05
23	10	LDR BIAS	0.60001	0.60019	0.00018
24	10	LDR BIAS	0.60002	0.59965	-0.00037
25	10	LDR BIAS	0.60066	0.60041	-0.00025
26	10	LDR UNBIAS	0.60073	0.60064	-9e-05
27	10	LDR UNBIAS	0.60032	0.60017	-0.00015
28	10	LDR UNBIAS	0.60027	0.60005	-0.00022
29	10	LDR UNBIAS	0.60023	0.60035	0.00012
30	10	LDR UNBIAS	0.60048	0.6003	-0.00018
31	20	LDR BIAS	0.60032	0.60041	9e-05
32	20	LDR BIAS	0.60046	0.60038	-8e-05
33	20	LDR BIAS	0.60001	0.59929	-0.00072
34	20	LDR BIAS	0.60002	0.59956	-0.00046
35	20	LDR BIAS	0.60066	0.60032	-0.00034
36	20	LDR UNBIAS	0.60073	0.6007	-3e-05
37	20	LDR UNBIAS	0.60032	0.60007	-0.00025
38	20	LDR UNBIAS	0.60027	0.59994	-0.00033
39	20	LDR UNBIAS	0.60023	0.6002	-3e-05
40	20	LDR UNBIAS	0.60048	0.60028	-0.0002
41	30	LDR BIAS	0.60032	0.60017	-0.00015
42	30	LDR BIAS	0.60046	0.60042	-4e-05
43	30	LDR BIAS	0.60001	0.59919	-0.00082
44	30	LDR BIAS	0.60002	0.59947	-0.00055
45	30	LDR BIAS	0.60066	0.60026	-0.0004
46	30	LDR UNBIAS	0.60073	0.60065	-8e-05
47	30	LDR UNBIAS	0.60032	0.60019	-0.00013
48	30	LDR UNBIAS	0.60027	0.59972	-0.00055
49	30	LDR UNBIAS	0.60023	0.60019	-4e-05
50	30	LDR UNBIAS	0.60048	0.60028	-0.0002
51	50	LDR BIAS	0.60032	0.60011	-0.00021
52	50	LDR BIAS	0.60046	0.60029	-0.00017
53	50	LDR BIAS	0.60001	0.59881	-0.0012
54	50	LDR BIAS	0.60002	0.59934	-0.00068
55	50	LDR BIAS	0.60066	0.6001	-0.00056
56	50	LDR UNBIAS	0.60073	0.6008	7e-05
57	50	LDR UNBIAS	0.60032	0.59986	-0.00046
58	50	LDR UNBIAS	0.60027	0.59973	-0.00054
59	50	LDR UNBIAS	0.60023	0.59998	-0.00025
60	50	LDR UNBIAS	0.60048	0.60037	-0.00011
61	100	LDR BIAS	0.60032	0.60027	-5e-05
62	100	LDR BIAS	0.60046	0.60009	-0.00037
63	100	LDR BIAS	0.60001	0.59857	-0.00144
64	100	LDR BIAS	0.60002	0.59941	-0.00061
65	100	LDR BIAS	0.60066	0.5998	-0.00086
66	100	LDR UNBIAS	0.60073	0.60112	0.00039
67	100	LDR UNBIAS	0.60032	0.59995	-0.00037
68	100	LDR UNBIAS	0.60027	0.59987	-0.0004
69	100	LDR UNBIAS	0.60023	0.59994	-0.00029
70	100	LDR UNBIAS	0.60048	0.60112	0.00064

Test Statistics (V)

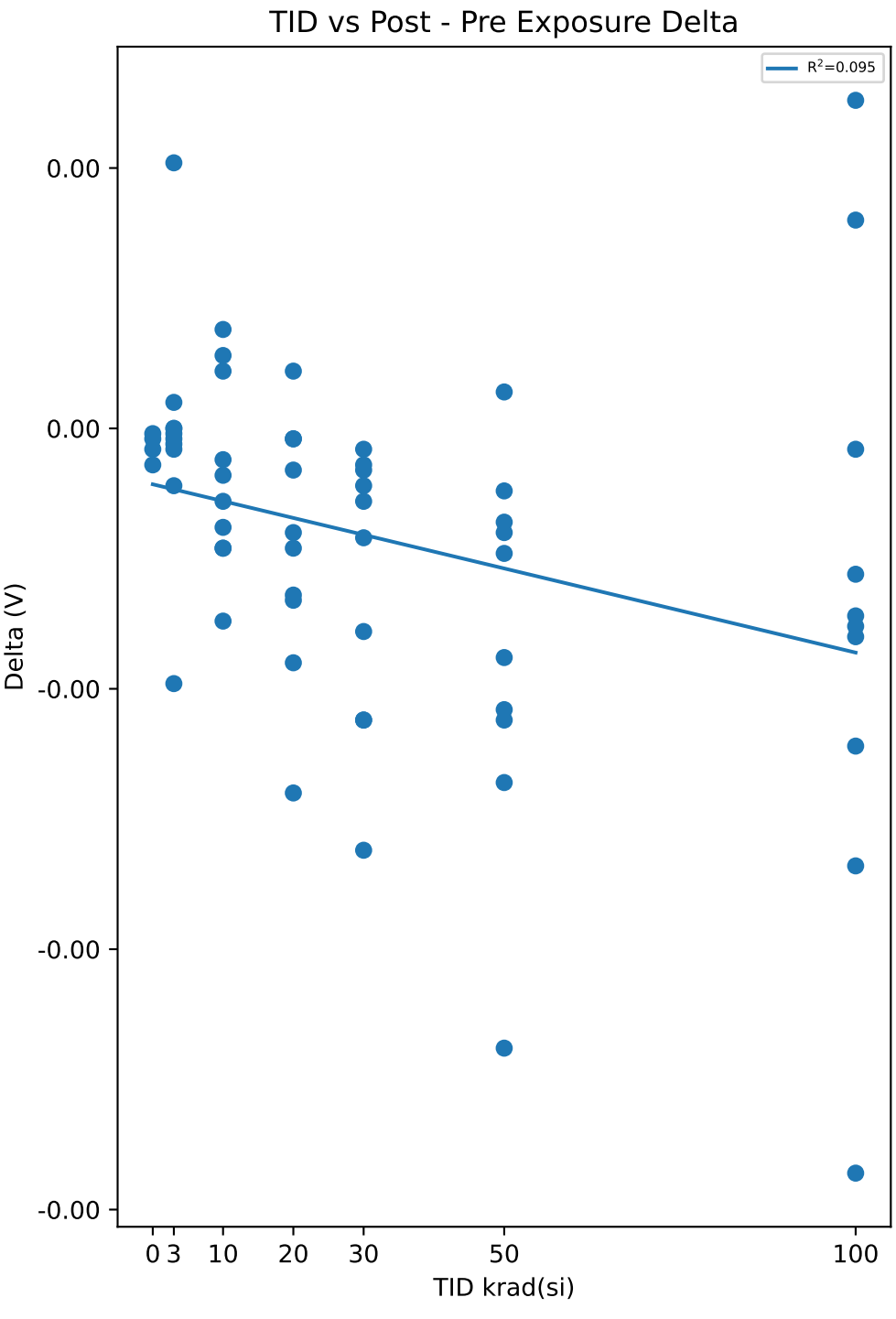
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6002	0.60025	0.60029	3.873e-05	0.60018	0.60021	0.60025	3.4034e-05	-7e-05	-3.75e-05	-1e-05	2.7538e-05
3	0.60001	0.60035	0.60073	0.00023958	0.59992	0.60034	0.60072	0.00026328	-0.00048	-1.4e-05	0.00051	0.00023623
10	0.60001	0.60035	0.60073	0.00023958	0.59965	0.60026	0.60064	0.00027019	-0.00037	-9e-05	0.00018	0.00017895
20	0.60001	0.60035	0.60073	0.00023958	0.59929	0.60011	0.6007	0.00042127	-0.00072	-0.000235	9e-05	0.00024061
30	0.60001	0.60035	0.60073	0.00023958	0.59919	0.60005	0.60065	0.0004512	-0.00082	-0.000296	-4e-05	0.00026879
50	0.60001	0.60035	0.60073	0.00023958	0.59881	0.59994	0.6008	0.00055683	-0.0012	-0.000411	7e-05	0.00036247
100	0.60001	0.60035	0.60073	0.00023958	0.59857	0.60001	0.60112	0.00074862	-0.00144	-0.000336	0.00064	0.00059052

Device Test: 19.83 VOLTAGE|VREF//14/14/0/1000/5/1MHz//@VREF_25C



Test Results (Lower Limit = 0.597, Upper Limit = 0.603 (V))

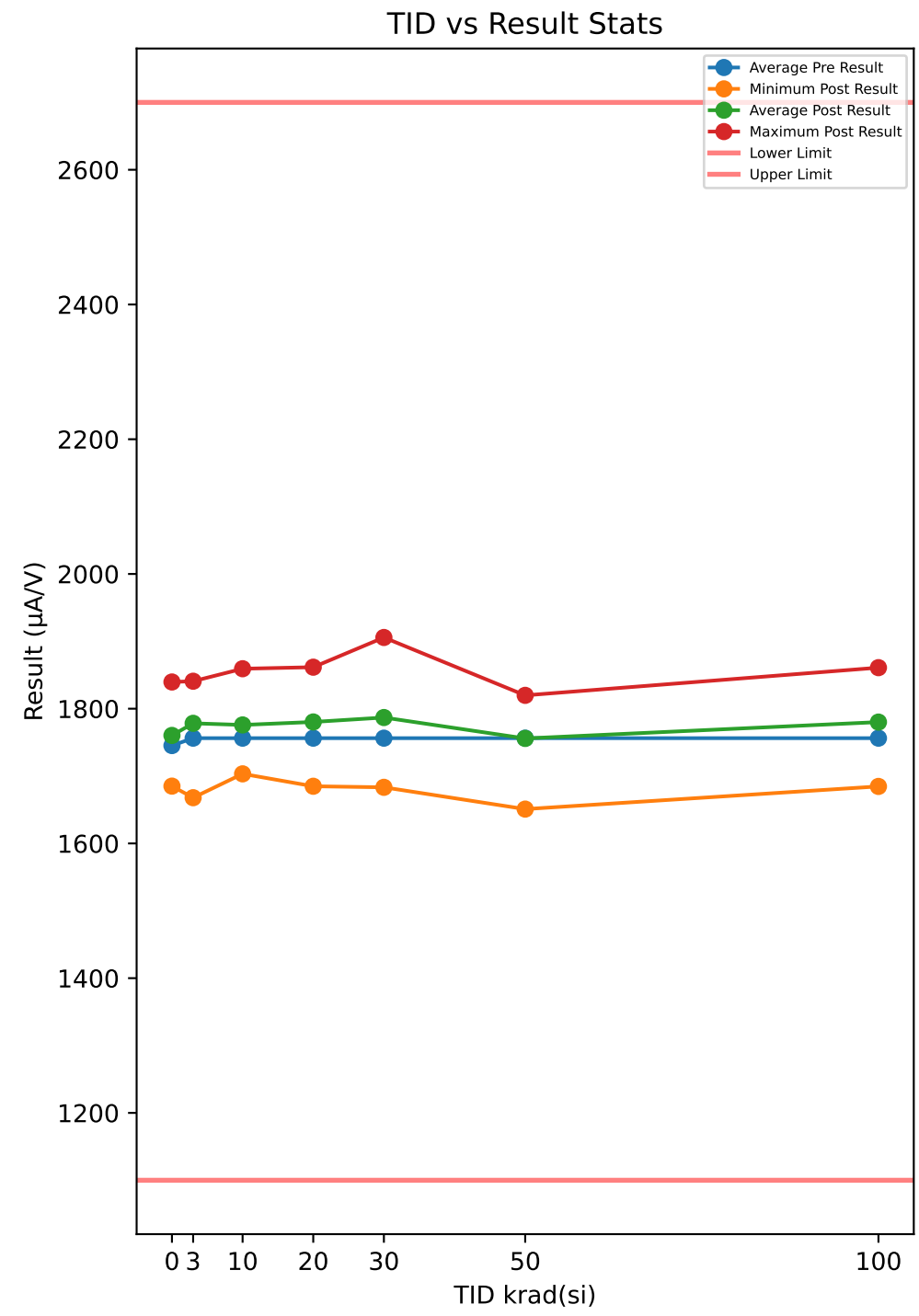
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.60041	0.60046	5e-05
2	3	LDR BIAS	0.60057	0.60008	-0.00049
3	3	LDR BIAS	0.6001	0.60061	0.00051
4	3	LDR BIAS	0.60013	0.60002	-0.00011
5	3	LDR BIAS	0.60076	0.60076	0
6	3	LDR UNBIAS	0.60085	0.60085	0
7	3	LDR UNBIAS	0.60041	0.60037	-4e-05
8	3	LDR UNBIAS	0.60039	0.60038	-1e-05
9	3	LDR UNBIAS	0.60035	0.60032	-3e-05
10	3	LDR UNBIAS	0.6006	0.60058	-2e-05
11	0	CORRELATION	0.60032	0.60028	-4e-05
12	0	CORRELATION	0.6004	0.60033	-7e-05
13	0	CORRELATION	0.60029	0.60028	-1e-05
14	0	CORRELATION	0.60038	0.60036	-2e-05
21	10	LDR BIAS	0.60041	0.60052	0.00011
22	10	LDR BIAS	0.60057	0.60051	-6e-05
23	10	LDR BIAS	0.6001	0.60029	0.00019
24	10	LDR BIAS	0.60013	0.59976	-0.00037
25	10	LDR BIAS	0.60076	0.60053	-0.00023
26	10	LDR UNBIAS	0.60085	0.60076	-9e-05
27	10	LDR UNBIAS	0.60041	0.60027	-0.00014
28	10	LDR UNBIAS	0.60039	0.60016	-0.00023
29	10	LDR UNBIAS	0.60035	0.60049	0.00014
30	10	LDR UNBIAS	0.6006	0.60041	-0.00019
31	20	LDR BIAS	0.60041	0.60052	0.00011
32	20	LDR BIAS	0.60057	0.60049	-8e-05
33	20	LDR BIAS	0.6001	0.5994	-0.0007
34	20	LDR BIAS	0.60013	0.59968	-0.00045
35	20	LDR BIAS	0.60076	0.60044	-0.00032
36	20	LDR UNBIAS	0.60085	0.60083	-2e-05
37	20	LDR UNBIAS	0.60041	0.60018	-0.00023
38	20	LDR UNBIAS	0.60039	0.60006	-0.00033
39	20	LDR UNBIAS	0.60035	0.60033	-2e-05
40	20	LDR UNBIAS	0.6006	0.6004	-0.0002
41	30	LDR BIAS	0.60041	0.60027	-0.00014
42	30	LDR BIAS	0.60057	0.6005	-7e-05
43	30	LDR BIAS	0.6001	0.59929	-0.00081
44	30	LDR BIAS	0.60013	0.59957	-0.00056
45	30	LDR BIAS	0.60076	0.60037	-0.00039
46	30	LDR UNBIAS	0.60085	0.60077	-8e-05
47	30	LDR UNBIAS	0.60041	0.6003	-0.00011
48	30	LDR UNBIAS	0.60039	0.59983	-0.00056
49	30	LDR UNBIAS	0.60035	0.60031	-4e-05
50	30	LDR UNBIAS	0.6006	0.60039	-0.00021
51	50	LDR BIAS	0.60041	0.60021	-0.0002
52	50	LDR BIAS	0.60057	0.60039	-0.00018
53	50	LDR BIAS	0.6001	0.59891	-0.00119
54	50	LDR BIAS	0.60013	0.59945	-0.00068
55	50	LDR BIAS	0.60076	0.60022	-0.00054
56	50	LDR UNBIAS	0.60085	0.60092	7e-05
57	50	LDR UNBIAS	0.60041	0.59997	-0.00044
58	50	LDR UNBIAS	0.60039	0.59983	-0.00056
59	50	LDR UNBIAS	0.60035	0.60011	-0.00024
60	50	LDR UNBIAS	0.6006	0.60048	-0.00012
61	100	LDR BIAS	0.60041	0.60037	-4e-05
62	100	LDR BIAS	0.60057	0.60019	-0.00038
63	100	LDR BIAS	0.6001	0.59867	-0.00143
64	100	LDR BIAS	0.60013	0.59952	-0.00061
65	100	LDR BIAS	0.60076	0.59992	-0.00084
66	100	LDR UNBIAS	0.60085	0.60125	0.0004
67	100	LDR UNBIAS	0.60041	0.60005	-0.00036
68	100	LDR UNBIAS	0.60039	0.59999	-0.0004
69	100	LDR UNBIAS	0.60035	0.60007	-0.00028
70	100	LDR UNBIAS	0.6006	0.60123	0.00063



Test Statistics (V)

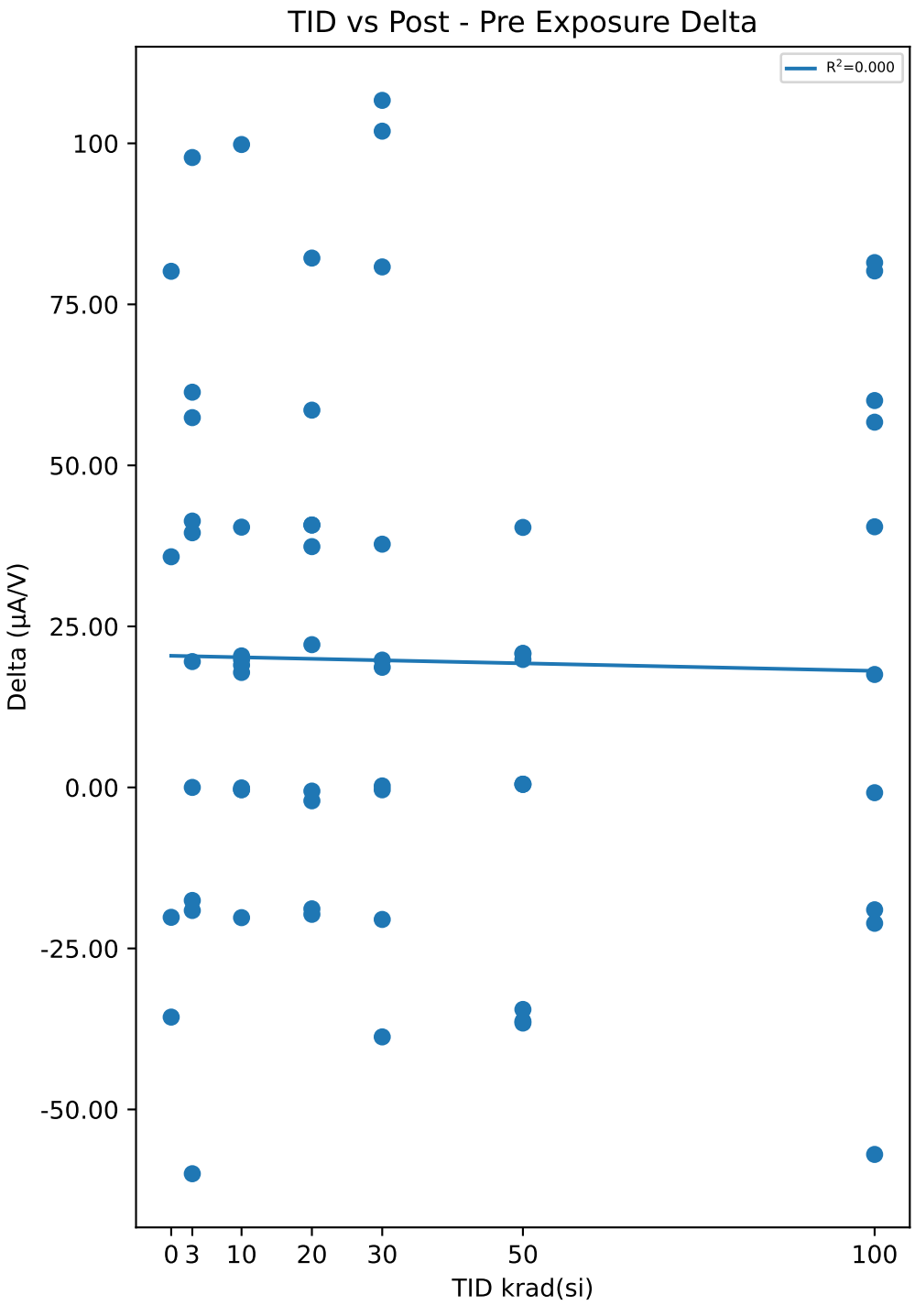
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.60029	0.60035	0.6004	5.1235e-05	0.60028	0.60031	0.60036	3.9476e-05	-7e-05	-3.5e-05	-1e-05	2.6458e-05
3	0.6001	0.60046	0.60085	0.00024363	0.60002	0.60044	0.60085	0.00026837	-0.00049	-1.4e-05	0.00051	0.00023941
10	0.6001	0.60046	0.60085	0.00024363	0.59976	0.60037	0.60076	0.00027252	-0.00037	-8.7e-05	0.00019	0.00018325
20	0.6001	0.60046	0.60085	0.00024363	0.5994	0.60023	0.60083	0.00042392	-0.0007	-0.000224	0.00011	0.00023904
30	0.6001	0.60046	0.60085	0.00024363	0.59929	0.60016	0.60077	0.00045373	-0.00081	-0.000297	-4e-05	0.00026709
50	0.6001	0.60046	0.60085	0.00024363	0.59891	0.60005	0.60092	0.00056074	-0.00119	-0.000408	7e-05	0.00035931
100	0.6001	0.60046	0.60085	0.00024363	0.59867	0.60013	0.60125	0.00075298	-0.00143	-0.000331	0.00063	0.00058669

Device Test: 19.9 LEVEL|TRANSCONDUCTANCE//12/12/0/0/5/500kHz//@EA_GM



Test Results (Lower Limit = 1100.0, Upper Limit = 2700.0 (µA/V))

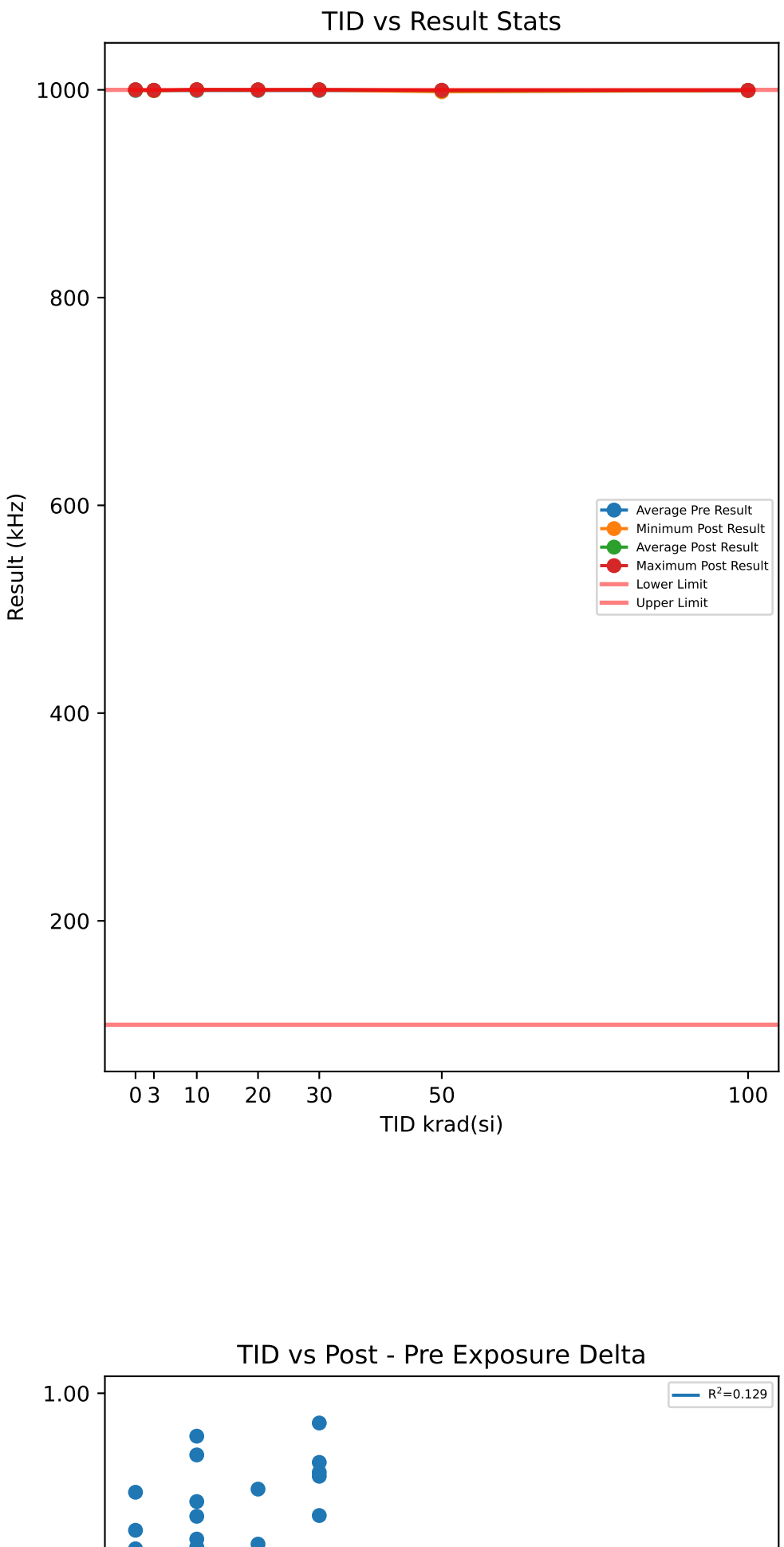
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1819.3	1759.3	-59.98
2	3	LDR BIAS	1799	1840.4	41.355
3	3	LDR BIAS	1779.4	1840.8	61.363
4	3	LDR BIAS	1758.6	1739.4	-19.108
5	3	LDR BIAS	1721.5	1819.3	97.799
6	3	LDR UNBIAS	1685.4	1667.9	-17.551
7	3	LDR UNBIAS	1722	1779.4	57.413
8	3	LDR UNBIAS	1758.6	1758.6	0
9	3	LDR UNBIAS	1759.3	1778.9	19.54
10	3	LDR UNBIAS	1759.5	1799	39.537
11	0	CORRELATION	1779.4	1759.3	-20.17
12	0	CORRELATION	1720.7	1685.1	-35.663
13	0	CORRELATION	1721.5	1757.3	35.81
14	0	CORRELATION	1759.5	1839.6	80.135
21	10	LDR BIAS	1819.3	1799.1	-20.221
22	10	LDR BIAS	1799	1799	-0.0772
23	10	LDR BIAS	1779.4	1779.1	-0.3585
24	10	LDR BIAS	1758.6	1799	40.409
25	10	LDR BIAS	1721.5	1740.5	18.993
26	10	LDR UNBIAS	1685.4	1703.3	17.847
27	10	LDR UNBIAS	1722	1721.7	-0.3446
28	10	LDR UNBIAS	1758.6	1779	20.418
29	10	LDR UNBIAS	1759.3	1779.2	19.842
30	10	LDR UNBIAS	1759.5	1859.3	99.819
31	20	LDR BIAS	1819.3	1841.5	22.165
32	20	LDR BIAS	1799	1839.8	40.739
33	20	LDR BIAS	1779.4	1861.6	82.187
34	20	LDR BIAS	1758.6	1795.9	37.386
35	20	LDR BIAS	1721.5	1780.1	58.576
36	20	LDR UNBIAS	1685.4	1684.9	-0.5671
37	20	LDR UNBIAS	1722	1703.2	-18.854
38	20	LDR UNBIAS	1758.6	1756.5	-2.0804
39	20	LDR UNBIAS	1759.3	1800.1	40.744
40	20	LDR UNBIAS	1759.5	1739.8	-19.706
41	30	LDR BIAS	1819.3	1798.8	-20.501
42	30	LDR BIAS	1799	1905.7	106.67
43	30	LDR BIAS	1779.4	1817.2	37.766
44	30	LDR BIAS	1758.6	1778.3	19.768
45	30	LDR BIAS	1721.5	1740.1	18.65
46	30	LDR UNBIAS	1685.4	1685.1	-0.3725
47	30	LDR UNBIAS	1722	1683.3	-38.736
48	30	LDR UNBIAS	1758.6	1758.8	0.2305
49	30	LDR UNBIAS	1759.3	1840.1	80.813
50	30	LDR UNBIAS	1759.5	1861.4	101.89
51	50	LDR BIAS	1819.3	1819.8	0.5032
52	50	LDR BIAS	1799	1819.8	20.763
53	50	LDR BIAS	1779.4	1819.8	40.368
54	50	LDR BIAS	1758.6	1779.4	20.814
55	50	LDR BIAS	1721.5	1722	0.4771
56	50	LDR UNBIAS	1685.4	1651	-34.473
57	50	LDR UNBIAS	1722	1685.7	-36.3
58	50	LDR UNBIAS	1758.6	1722	-36.586
59	50	LDR UNBIAS	1759.3	1759.8	0.489
60	50	LDR UNBIAS	1759.5	1779.4	19.865
61	100	LDR BIAS	1819.3	1798.2	-21.098
62	100	LDR BIAS	1799	1839.5	40.467
63	100	LDR BIAS	1779.4	1860.9	81.485
64	100	LDR BIAS	1758.6	1818.6	60.066
65	100	LDR BIAS	1721.5	1778.2	56.708
66	100	LDR UNBIAS	1685.4	1684.6	-0.8208
67	100	LDR UNBIAS	1722	1739.6	17.533
68	100	LDR UNBIAS	1758.6	1739.6	-18.999
69	100	LDR UNBIAS	1759.3	1839.5	80.187
70	100	LDR UNBIAS	1759.5	1702.5	-56.985

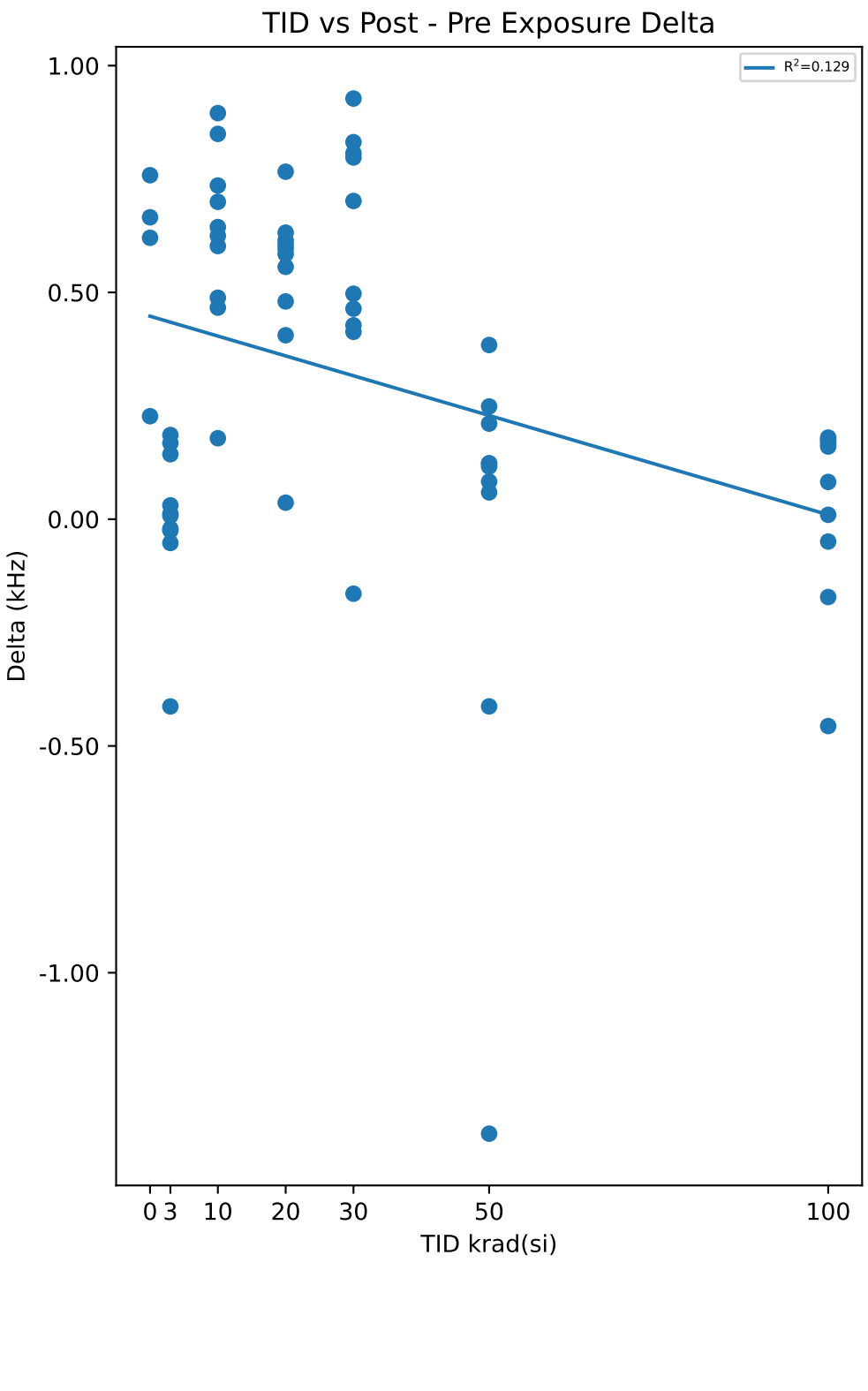


Test Statistics (µA/V)

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	1720.7	1745.3	1779.4	29.088	1685.1	1760.3	1839.6	63.159	-35.663	15.028	80.135	53.164
3	1685.4	1756.3	1819.3	39.113	1667.9	1778.3	1840.8	51.99	-59.98	22.037	97.799	46.781
10	1685.4	1756.3	1819.3	39.113	1703.3	1775.9	1859.3	44.796	-20.221	19.633	99.819	32.73
20	1685.4	1756.3	1819.3	39.113	1684.9	1780.3	1861.6	59.433	-19.706	24.059	82.187	33.919
30	1685.4	1756.3	1819.3	39.113	1683.3	1786.9	1905.7	72.817	-38.736	30.618	106.67	50.556
50	1685.4	1756.3	1819.3	39.113	1651	1755.9	1819.8	59.261	-36.586	-0.40792	40.368	27.35
100	1685.4	1756.3	1819.3	39.113	1684.6	1780.1	1860.9	61.308	-56.985	23.854	81.485	47.378

Device Test: 20.100 LEVEL|FREQ/SYNC/12/12/0/1000/5/1MHz//@FREQ_SYNC_EXT





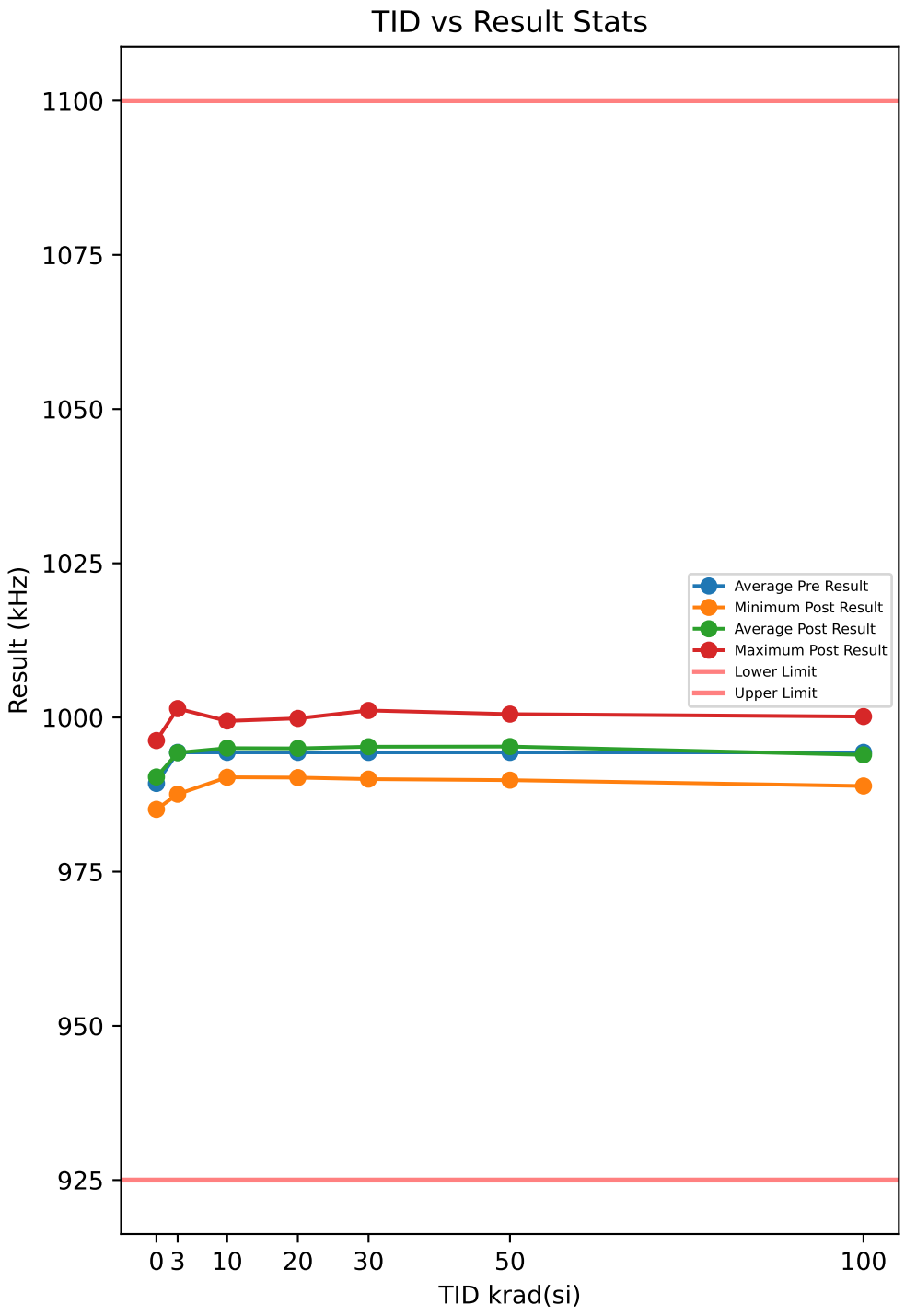
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.42	999.6	0.1855
2	3	LDR BIAS	999.31	999.32	0.012
3	3	LDR BIAS	999.3	999.33	0.0305
4	3	LDR BIAS	999.49	999.49	0.0076
5	3	LDR BIAS	999.97	999.56	-0.4129
6	3	LDR UNBIAS	999.31	999.46	0.1432
7	3	LDR UNBIAS	999.18	999.16	-0.021
8	3	LDR UNBIAS	999.54	999.49	-0.0525
9	3	LDR UNBIAS	999.38	999.35	-0.025
10	3	LDR UNBIAS	999.3	999.46	0.1679
11	0	CORRELATION	999.29	999.95	0.6656
12	0	CORRELATION	999.38	1000.1	0.7584
13	0	CORRELATION	999.66	999.89	0.227
14	0	CORRELATION	999.4	1000	0.6204
21	10	LDR BIAS	999.42	999.91	0.4883
22	10	LDR BIAS	999.31	1000	0.7357
23	10	LDR BIAS	999.3	1000.2	0.8953
24	10	LDR BIAS	999.49	1000.1	0.6022
25	10	LDR BIAS	999.97	1000.2	0.1785
26	10	LDR UNBIAS	999.31	999.96	0.6441
27	10	LDR UNBIAS	999.18	1000	0.8495
28	10	LDR UNBIAS	999.54	1000	0.4664
29	10	LDR UNBIAS	999.38	1000.1	0.6997
30	10	LDR UNBIAS	999.3	999.92	0.6248
31	20	LDR BIAS	999.42	999.97	0.5563
32	20	LDR BIAS	999.31	999.92	0.6047
33	20	LDR BIAS	999.3	999.94	0.6318
34	20	LDR BIAS	999.49	999.89	0.4056
35	20	LDR BIAS	999.97	1000	0.0364
36	20	LDR UNBIAS	999.31	999.9	0.5846
37	20	LDR UNBIAS	999.18	999.94	0.7661
38	20	LDR UNBIAS	999.54	1000	0.4801
39	20	LDR UNBIAS	999.38	999.98	0.5961
40	20	LDR UNBIAS	999.3	999.91	0.6148
41	30	LDR BIAS	999.42	999.91	0.4971
42	30	LDR BIAS	999.31	1000.1	0.7975
43	30	LDR BIAS	999.3	1000	0.7016
44	30	LDR BIAS	999.49	999.9	0.4131
45	30	LDR BIAS	999.97	999.81	-0.1643
46	30	LDR UNBIAS	999.31	1000.1	0.8071
47	30	LDR UNBIAS	999.18	1000.1	0.9274
48	30	LDR UNBIAS	999.54	1000	0.4641
49	30	LDR UNBIAS	999.38	999.81	0.4274
50	30	LDR UNBIAS	999.3	1000.1	0.8313
51	50	LDR BIAS	999.42	999.54	0.1229
52	50	LDR BIAS	999.31	999.43	0.1232
53	50	LDR BIAS	999.3	999.39	0.0829
54	50	LDR BIAS	999.49	998.13	-1.3549
55	50	LDR BIAS	999.97	999.56	-0.4127
56	50	LDR UNBIAS	999.31	999.56	0.2486
57	50	LDR UNBIAS	999.18	999.56	0.384
58	50	LDR UNBIAS	999.54	999.6	0.0591
59	50	LDR UNBIAS	999.38	999.59	0.2107
60	50	LDR UNBIAS	999.3	999.41	0.116
61	100	LDR BIAS	999.42	999.5	0.0821
62	100	LDR BIAS	999.31	999.49	0.1763
63	100	LDR BIAS	999.3	999.48	0.1799
64	100	LDR BIAS	999.49	999.31	-0.1717
65	100	LDR BIAS	999.97	999.52	-0.4562
66	100	LDR UNBIAS	999.31	999.47	0.1602
67	100	LDR UNBIAS	999.18	999.35	0.172
68	100	LDR UNBIAS	999.54	999.49	-0.0493
69	100	LDR UNBIAS	999.38	999.39	0.0096
70	100	LDR UNBIAS	999.3	999.46	0.1654

Test Statistics (kHz)

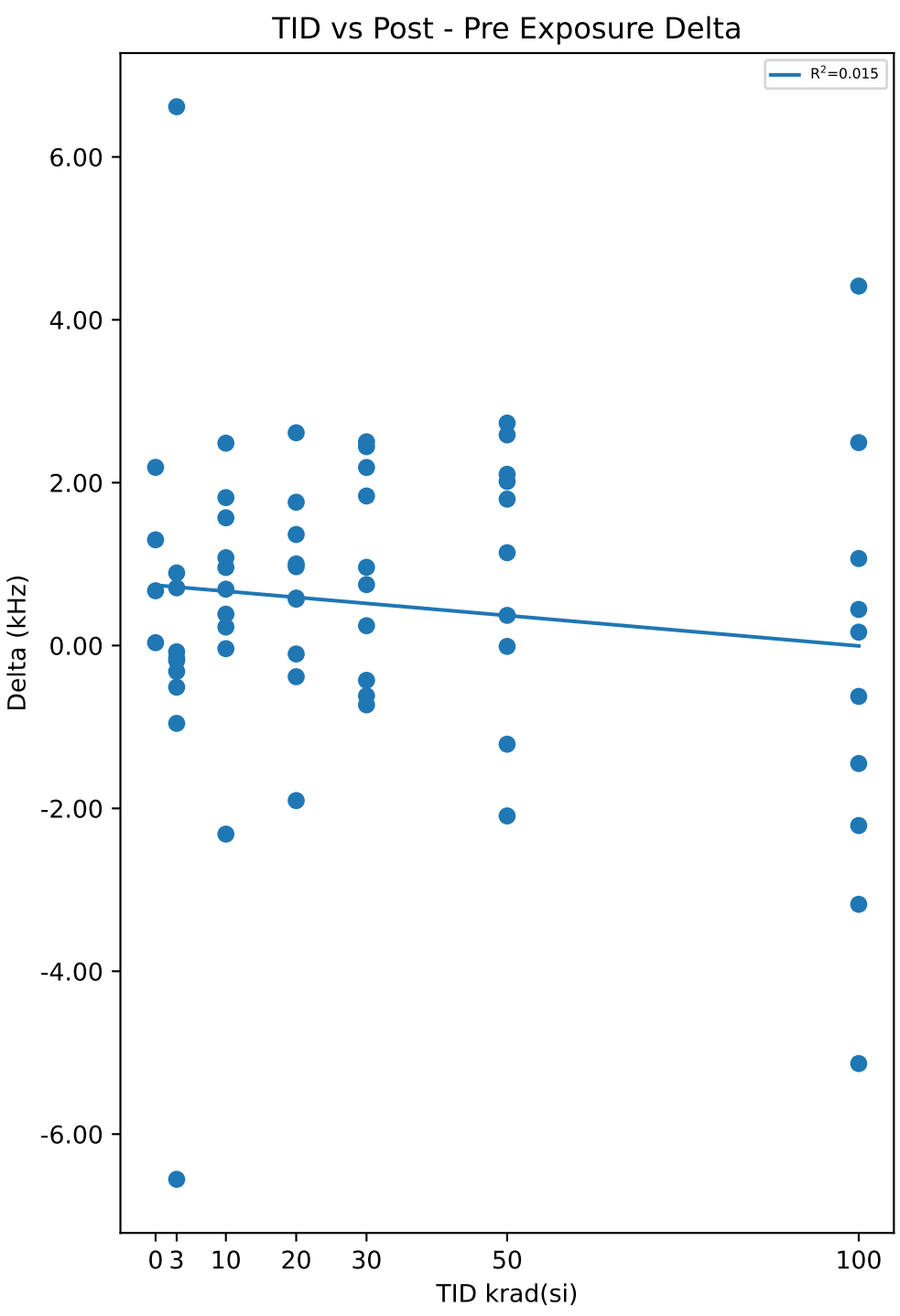
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	999.29	999.43	999.66	0.16018	999.89	1000	1000.1	0.10842	0.227	0.56785	0.7584	0.23438
3	999.18	999.42	999.97	0.22057	999.16	999.42	999.6	0.13191	-0.4129	0.00353	0.1855	0.16945
10	999.18	999.42	999.97	0.22057	999.91	1000	1000.2	0.095456	0.1785	0.61845	0.8953	0.20682
20	999.18	999.42	999.97	0.22057	999.89	999.95	1000	0.046453	0.0364	0.52765	0.7661	0.19677
30	999.18	999.42	999.97	0.22057	999.81	999.99	1000.1	0.12654	-0.1643	0.57023	0.9274	0.32007
50	999.18	999.42	999.97	0.22057	998.13	999.38	999.6	0.44526	-1.3549	-0.04202	0.384	0.5051
100	999.18	999.42	999.97	0.22057	999.31	999.45	999.52	0.070271	-0.4562	0.02683	0.1799	0.20702

Device Test: 20.101 LEVEL|FREQ/RT/14/14/0/1000/5/1MHz//@FSW_EXT_RT_D



Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

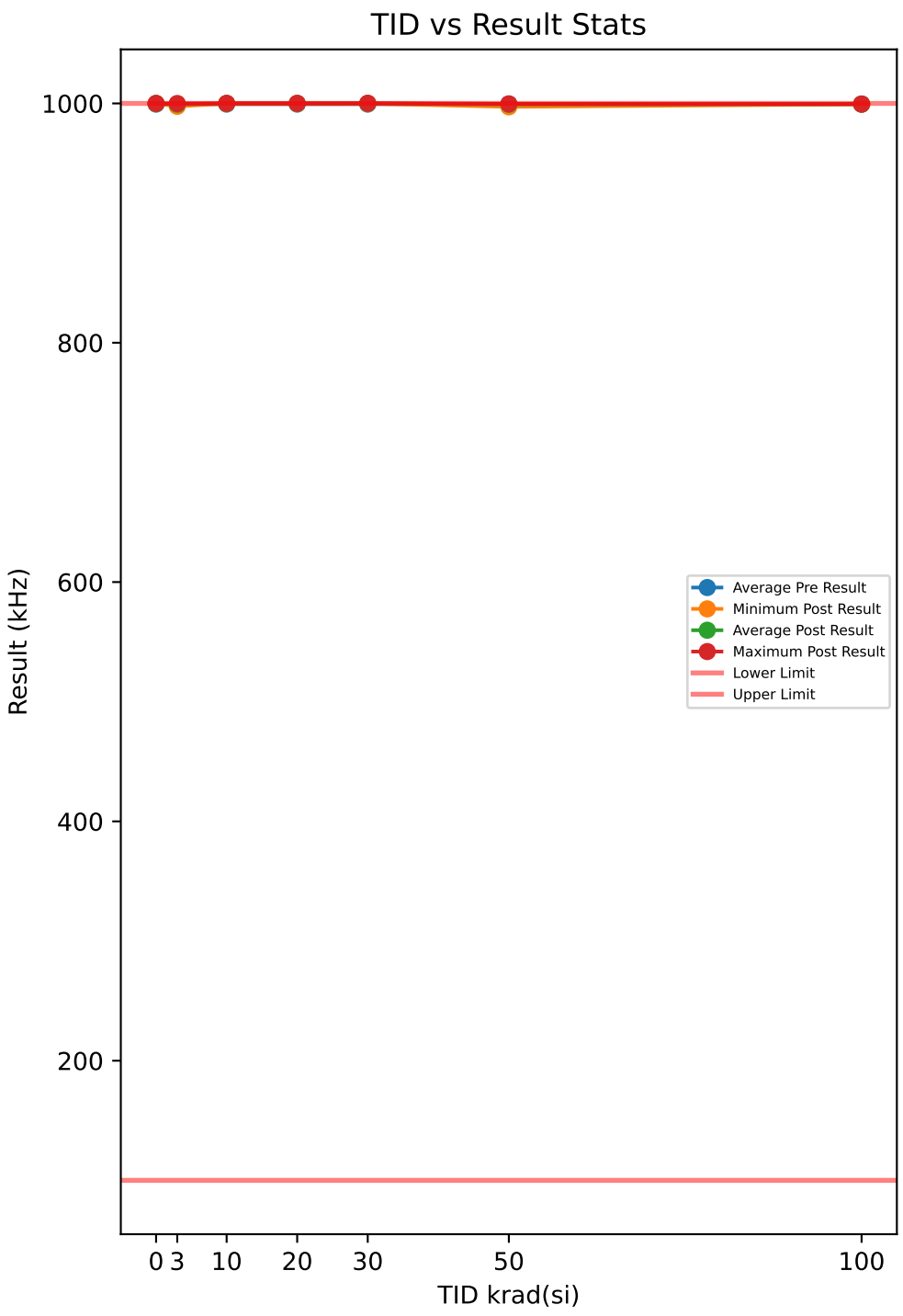
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	995.74	996.44	0.7083
2	3	LDR BIAS	994.12	987.56	-6.555
3	3	LDR BIAS	987.82	994.44	6.6168
4	3	LDR BIAS	994.93	994.42	-0.5115
5	3	LDR BIAS	993.59	993.43	-0.1551
6	3	LDR UNBIAS	990.35	991.25	0.8913
7	3	LDR UNBIAS	992.25	991.29	-0.9559
8	3	LDR UNBIAS	997.16	996.97	-0.1855
9	3	LDR UNBIAS	1001.8	1001.4	-0.3184
10	3	LDR UNBIAS	995.71	995.63	-0.0769
11	0	CORRELATION	984.43	985.1	0.6725
12	0	CORRELATION	987.88	987.91	0.0348
13	0	CORRELATION	994.96	996.26	1.2981
14	0	CORRELATION	989.95	992.14	2.1881
21	10	LDR BIAS	995.74	997.3	1.5686
22	10	LDR BIAS	994.12	995.93	1.8166
23	10	LDR BIAS	987.82	990.3	2.4851
24	10	LDR BIAS	994.93	995.63	0.6923
25	10	LDR BIAS	993.59	993.97	0.3851
26	10	LDR UNBIAS	990.35	991.43	1.0785
27	10	LDR UNBIAS	992.25	992.21	-0.0385
28	10	LDR UNBIAS	997.16	998.12	0.9586
29	10	LDR UNBIAS	1001.8	999.44	-2.3157
30	10	LDR UNBIAS	995.71	995.93	0.2274
31	20	LDR BIAS	995.74	997.1	1.3635
32	20	LDR BIAS	994.12	995.88	1.7598
33	20	LDR BIAS	987.82	990.43	2.6126
34	20	LDR BIAS	994.93	995.94	1.0021
35	20	LDR BIAS	993.59	994.17	0.5828
36	20	LDR UNBIAS	990.35	990.25	-0.1037
37	20	LDR UNBIAS	992.25	991.87	-0.3831
38	20	LDR UNBIAS	997.16	998.13	0.9679
39	20	LDR UNBIAS	1001.8	999.85	-1.904
40	20	LDR UNBIAS	995.71	996.27	0.5694
41	30	LDR BIAS	995.74	998.24	2.5019
42	30	LDR BIAS	994.12	996.56	2.4418
43	30	LDR BIAS	987.82	990.01	2.1868
44	30	LDR BIAS	994.93	994.21	-0.7285
45	30	LDR BIAS	993.59	994.55	0.9606
46	30	LDR UNBIAS	990.35	990.6	0.2435
47	30	LDR UNBIAS	992.25	991.82	-0.4271
48	30	LDR UNBIAS	997.16	997.91	0.7479
49	30	LDR UNBIAS	1001.8	1001.1	-0.6183
50	30	LDR UNBIAS	995.71	997.54	1.8364
51	50	LDR BIAS	995.74	998.47	2.7318
52	50	LDR BIAS	994.12	995.91	1.7977
53	50	LDR BIAS	987.82	989.84	2.0154
54	50	LDR BIAS	994.93	995.3	0.3703
55	50	LDR BIAS	993.59	994.73	1.1398
56	50	LDR UNBIAS	990.35	992.46	2.1034
57	50	LDR UNBIAS	992.25	990.16	-2.0925
58	50	LDR UNBIAS	997.16	997.15	-0.0108
59	50	LDR UNBIAS	1001.8	1000.5	-1.2115
60	50	LDR UNBIAS	995.71	998.29	2.5866
61	100	LDR BIAS	995.74	1000.1	4.4141
62	100	LDR BIAS	994.12	994.56	0.443
63	100	LDR BIAS	987.82	988.89	1.0682
64	100	LDR BIAS	994.93	992.72	-2.2105
65	100	LDR BIAS	993.59	996.08	2.4918
66	100	LDR UNBIAS	990.35	990.52	0.1644
67	100	LDR UNBIAS	992.25	990.8	-1.4491
68	100	LDR UNBIAS	997.16	996.53	-0.6247
69	100	LDR UNBIAS	1001.8	998.58	-3.1778
70	100	LDR UNBIAS	995.71	990.57	-5.1333

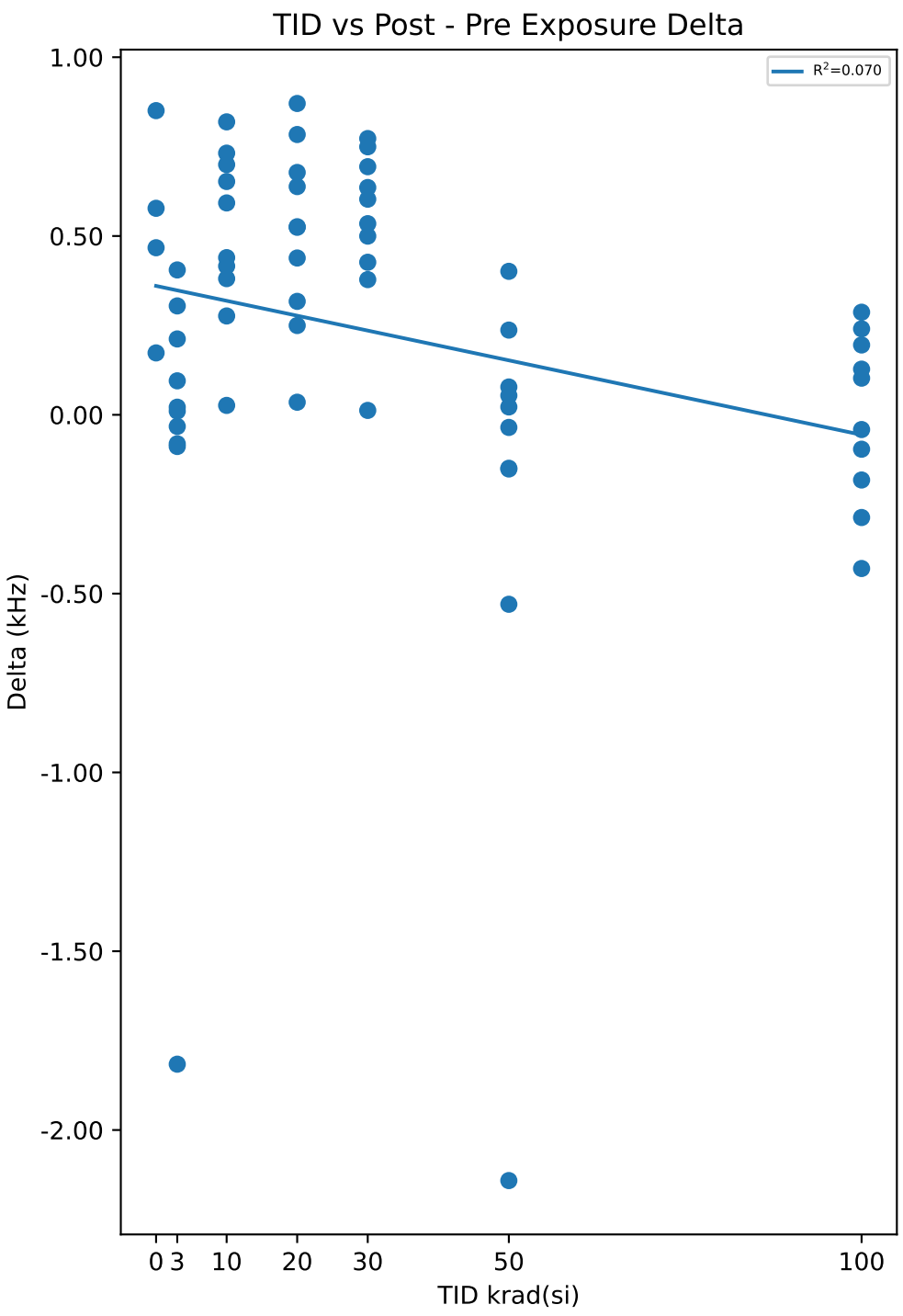


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	984.43	989.3	994.96	4.4061	985.1	990.35	996.26	4.8864	0.0348	1.0484	2.1881	0.91832
3	987.82	994.34	1001.8	3.8074	987.56	994.29	1001.4	3.7858	-6.555	-0.05419	6.6168	3.151
10	987.82	994.34	1001.8	3.8074	990.3	995.03	999.44	2.9898	-2.3157	0.6858	2.4851	1.3063
20	987.82	994.34	1001.8	3.8074	990.25	994.99	999.85	3.2471	-1.904	0.64673	2.6126	1.2466
30	987.82	994.34	1001.8	3.8074	990.01	995.26	1001.1	3.6523	-0.7285	0.9145	2.5019	1.2758
50	987.82	994.34	1001.8	3.8074	989.84	995.28	1000.5	3.5741	-2.0925	0.94302	2.7318	1.6418
100	987.82	994.34	1001.8	3.8074	988.89	993.94	1000.1	3.8245	-5.1333	-0.40139	4.4141	2.7743

Device Test: 20.102 LEVEL|FREQ/SYNC/14/14/0/1000/5/1MHz//@FREQ_SYNC_EXT





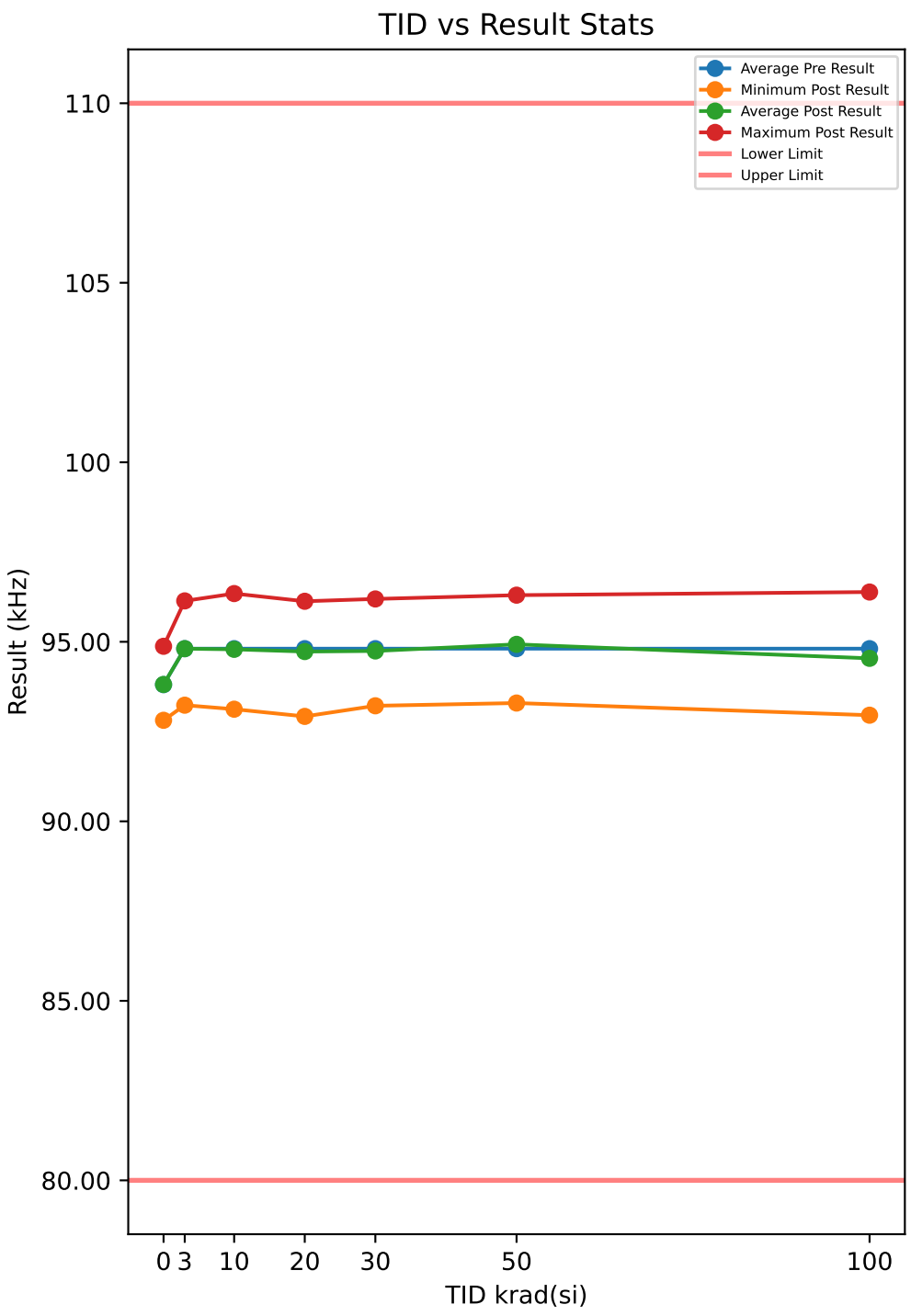
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.92	999.89	-0.0325
2	3	LDR BIAS	999.39	997.58	-1.8159
3	3	LDR BIAS	999.22	999.14	-0.081
4	3	LDR BIAS	999.34	999.36	0.0213
5	3	LDR BIAS	999.59	999.9	0.3045
6	3	LDR UNBIAS	999.3	999.39	0.095
7	3	LDR UNBIAS	999.18	999.39	0.2121
8	3	LDR UNBIAS	999.51	999.52	0.0104
9	3	LDR UNBIAS	999.52	999.92	0.4051
10	3	LDR UNBIAS	999.59	999.5	-0.0886
11	0	CORRELATION	999.16	1000	0.8506
12	0	CORRELATION	999.35	999.92	0.5775
13	0	CORRELATION	999.68	999.85	0.1731
14	0	CORRELATION	999.54	1000	0.4672
21	10	LDR BIAS	999.92	999.94	0.0263
22	10	LDR BIAS	999.39	1000	0.6524
23	10	LDR BIAS	999.22	999.92	0.6997
24	10	LDR BIAS	999.34	1000.1	0.7317
25	10	LDR BIAS	999.59	999.87	0.2764
26	10	LDR UNBIAS	999.3	999.89	0.5925
27	10	LDR UNBIAS	999.18	1000	0.8192
28	10	LDR UNBIAS	999.51	999.89	0.3808
29	10	LDR UNBIAS	999.52	999.95	0.4395
30	10	LDR UNBIAS	999.59	1000	0.4158
31	20	LDR BIAS	999.92	999.95	0.0352
32	20	LDR BIAS	999.39	999.92	0.5259
33	20	LDR BIAS	999.22	999.9	0.6777
34	20	LDR BIAS	999.34	999.98	0.6382
35	20	LDR BIAS	999.59	999.84	0.2497
36	20	LDR UNBIAS	999.3	1000.1	0.7838
37	20	LDR UNBIAS	999.18	1000.1	0.8706
38	20	LDR UNBIAS	999.51	1000	0.5244
39	20	LDR UNBIAS	999.52	999.95	0.4385
40	20	LDR UNBIAS	999.59	999.9	0.3172
41	30	LDR BIAS	999.92	999.93	0.0123
42	30	LDR BIAS	999.39	1000.1	0.7495
43	30	LDR BIAS	999.22	999.99	0.7725
44	30	LDR BIAS	999.34	999.95	0.603
45	30	LDR BIAS	999.59	999.97	0.3781
46	30	LDR UNBIAS	999.3	999.93	0.6356
47	30	LDR UNBIAS	999.18	999.88	0.6938
48	30	LDR UNBIAS	999.51	1000	0.4997
49	30	LDR UNBIAS	999.52	999.94	0.4266
50	30	LDR UNBIAS	999.59	1000.1	0.5345
51	50	LDR BIAS	999.92	999.39	-0.5298
52	50	LDR BIAS	999.39	999.42	0.022
53	50	LDR BIAS	999.22	999.62	0.4012
54	50	LDR BIAS	999.34	999.42	0.0778
55	50	LDR BIAS	999.59	999.44	-0.1495
56	50	LDR UNBIAS	999.3	997.16	-2.1414
57	50	LDR UNBIAS	999.18	999.42	0.2369
58	50	LDR UNBIAS	999.51	999.56	0.0539
59	50	LDR UNBIAS	999.52	999.48	-0.0353
60	50	LDR UNBIAS	999.59	999.43	-0.1515
61	100	LDR BIAS	999.92	999.49	-0.4298
62	100	LDR BIAS	999.39	999.5	0.1025
63	100	LDR BIAS	999.22	999.46	0.2404
64	100	LDR BIAS	999.34	999.47	0.1277
65	100	LDR BIAS	999.59	999.5	-0.0962
66	100	LDR UNBIAS	999.3	999.49	0.1953
67	100	LDR UNBIAS	999.18	999.47	0.2869
68	100	LDR UNBIAS	999.51	999.32	-0.1823
69	100	LDR UNBIAS	999.52	999.47	-0.0412
70	100	LDR UNBIAS	999.59	999.3	-0.2872

Test Statistics (kHz)

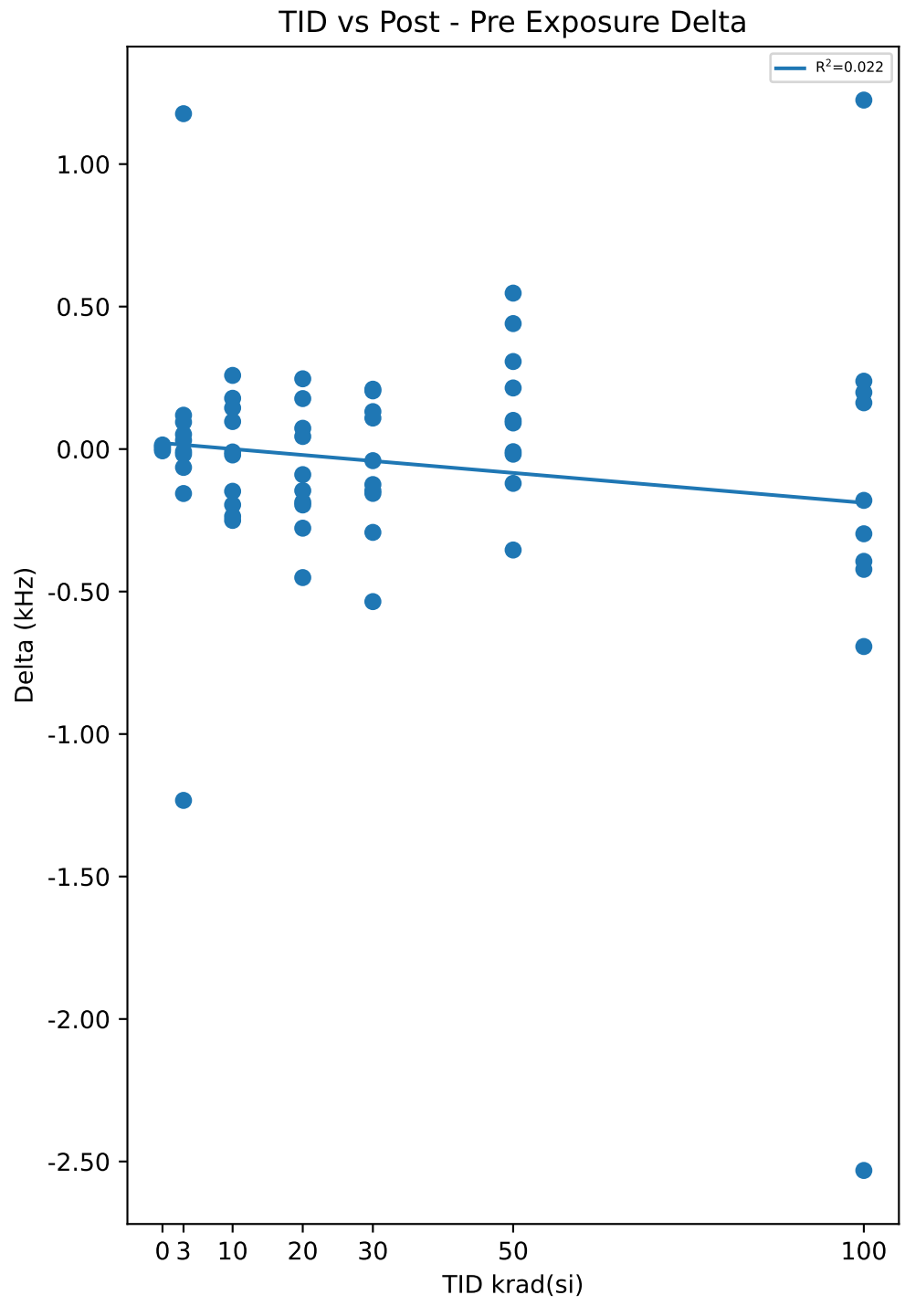
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	999.16	999.43	999.68	0.2277	999.85	999.95	1000	0.074815	0.1731	0.5171	0.8506	0.2803
3	999.18	999.46	999.92	0.21772	997.58	999.36	999.92	0.67878	-1.8159	-0.09696	0.4051	0.62631
10	999.18	999.46	999.92	0.21772	999.87	999.96	1000.1	0.069923	0.0263	0.50343	0.8192	0.24186
20	999.18	999.46	999.92	0.21772	999.84	999.96	1000.1	0.075442	0.0352	0.50612	0.8706	0.25503
30	999.18	999.46	999.92	0.21772	999.88	999.99	1000.1	0.085115	0.0123	0.53056	0.7725	0.22435
50	999.18	999.46	999.92	0.21772	997.16	999.23	999.62	0.73342	-2.1414	-0.22157	0.4012	0.71867
100	999.18	999.46	999.92	0.21772	999.3	999.45	999.5	0.073029	-0.4298	-0.00839	0.2869	0.23939

Device Test: 20.15 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/100kHz//@FSW_EXT_RT_A



Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

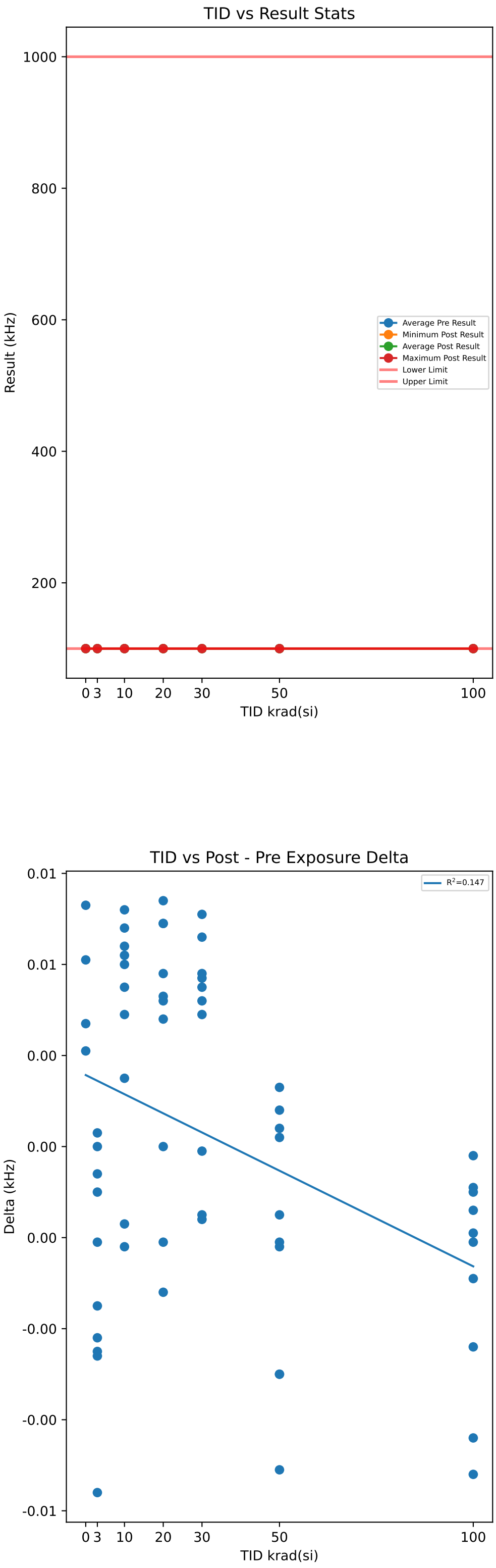
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.757	94.876	0.1188
2	3	LDR BIAS	94.468	93.235	-1.2329
3	3	LDR BIAS	93.203	94.38	1.1769
4	3	LDR BIAS	94.582	94.426	-0.156
5	3	LDR BIAS	94.369	94.463	0.0945
6	3	LDR UNBIAS	93.373	93.425	0.0516
7	3	LDR UNBIAS	95.618	95.554	-0.0644
8	3	LDR UNBIAS	96.085	96.115	0.0307
9	3	LDR UNBIAS	96.148	96.139	-0.0086
10	3	LDR UNBIAS	95.487	95.469	-0.0181
11	0	CORRELATION	92.82	92.814	-0.0062
12	0	CORRELATION	93.027	93.028	0.0011
13	0	CORRELATION	94.866	94.875	0.0093
14	0	CORRELATION	94.515	94.529	0.0144
21	10	LDR BIAS	94.757	94.936	0.1782
22	10	LDR BIAS	94.468	94.564	0.0966
23	10	LDR BIAS	93.203	93.347	0.1444
24	10	LDR BIAS	94.582	94.561	-0.0207
25	10	LDR BIAS	94.369	94.221	-0.1481
26	10	LDR UNBIAS	93.373	93.123	-0.2504
27	10	LDR UNBIAS	95.618	95.423	-0.1957
28	10	LDR UNBIAS	96.085	96.343	0.2585
29	10	LDR UNBIAS	96.148	95.912	-0.236
30	10	LDR UNBIAS	95.487	95.477	-0.0102
31	20	LDR BIAS	94.757	95.004	0.2466
32	20	LDR BIAS	94.468	94.378	-0.0897
33	20	LDR BIAS	93.203	93.38	0.1771
34	20	LDR BIAS	94.582	94.395	-0.1862
35	20	LDR BIAS	94.369	94.091	-0.2776
36	20	LDR UNBIAS	93.373	92.922	-0.451
37	20	LDR UNBIAS	95.618	95.422	-0.1961
38	20	LDR UNBIAS	96.085	96.129	0.0442
39	20	LDR UNBIAS	96.148	96.002	-0.1459
40	20	LDR UNBIAS	95.487	95.56	0.073
41	30	LDR BIAS	94.757	94.968	0.2101
42	30	LDR BIAS	94.468	94.343	-0.1246
43	30	LDR BIAS	93.203	93.334	0.1314
44	30	LDR BIAS	94.582	94.046	-0.5353
45	30	LDR BIAS	94.369	94.223	-0.1458
46	30	LDR UNBIAS	93.373	93.218	-0.1556
47	30	LDR UNBIAS	95.618	95.326	-0.2924
48	30	LDR UNBIAS	96.085	96.194	0.1088
49	30	LDR UNBIAS	96.148	96.107	-0.0407
50	30	LDR UNBIAS	95.487	95.691	0.2042
51	50	LDR BIAS	94.757	95.305	0.5472
52	50	LDR BIAS	94.468	94.45	-0.018
53	50	LDR BIAS	93.203	93.294	0.0916
54	50	LDR BIAS	94.582	94.572	-0.0092
55	50	LDR BIAS	94.369	94.248	-0.1204
56	50	LDR UNBIAS	93.373	93.68	0.3072
57	50	LDR UNBIAS	95.618	95.264	-0.3542
58	50	LDR UNBIAS	96.085	96.299	0.2144
59	50	LDR UNBIAS	96.148	96.249	0.1006
60	50	LDR UNBIAS	95.487	95.927	0.4403
61	100	LDR BIAS	94.757	95.982	1.2246
62	100	LDR BIAS	94.468	94.045	-0.4221
63	100	LDR BIAS	93.203	93.023	-0.1801
64	100	LDR BIAS	94.582	93.889	-0.6929
65	100	LDR BIAS	94.369	94.531	0.1624
66	100	LDR UNBIAS	93.373	92.979	-0.394
67	100	LDR UNBIAS	95.618	95.321	-0.2973
68	100	LDR UNBIAS	96.085	96.284	0.1988
69	100	LDR UNBIAS	96.148	96.386	0.2382
70	100	LDR UNBIAS	95.487	92.956	-2.5315



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.82	93.807	94.866	1.0336	92.814	93.811	94.875	1.0418	-0.0062	0.00465	0.0144	0.009074
3	93.203	94.809	96.148	1.0297	93.235	94.808	96.139	1.0175	-1.2329	-0.00075	1.1769	0.57355
10	93.203	94.809	96.148	1.0297	93.123	94.791	96.343	1.0463	-0.2504	-0.01834	0.2585	0.18396
20	93.203	94.809	96.148	1.0297	92.922	94.728	96.129	1.0829	-0.451	-0.08056	0.2466	0.21538
30	93.203	94.809	96.148	1.0297	93.218	94.745	96.194	1.0792	-0.5353	-0.06399	0.2101	0.23774
50	93.203	94.809	96.148	1.0297	93.294	94.929	96.299	1.0499	-0.3542	0.11995	0.5472	0.26846
100	93.203	94.809	96.148	1.0297	92.956	94.54	96.386	1.3766	-2.5315	-0.26939	1.2246	0.95681

Device Test: 20.16 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/100kHz//@FREQ_SYNC_EXT



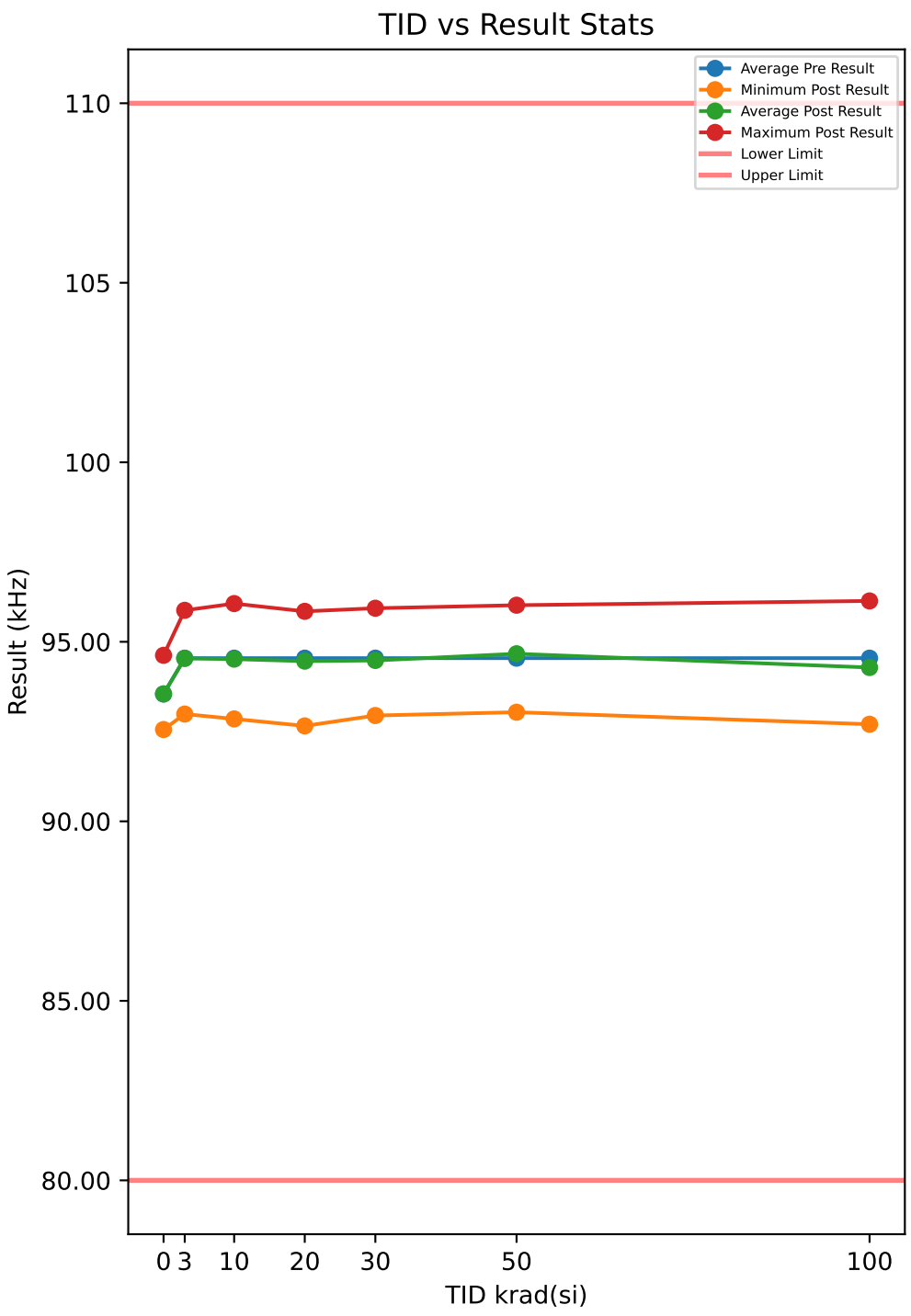
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

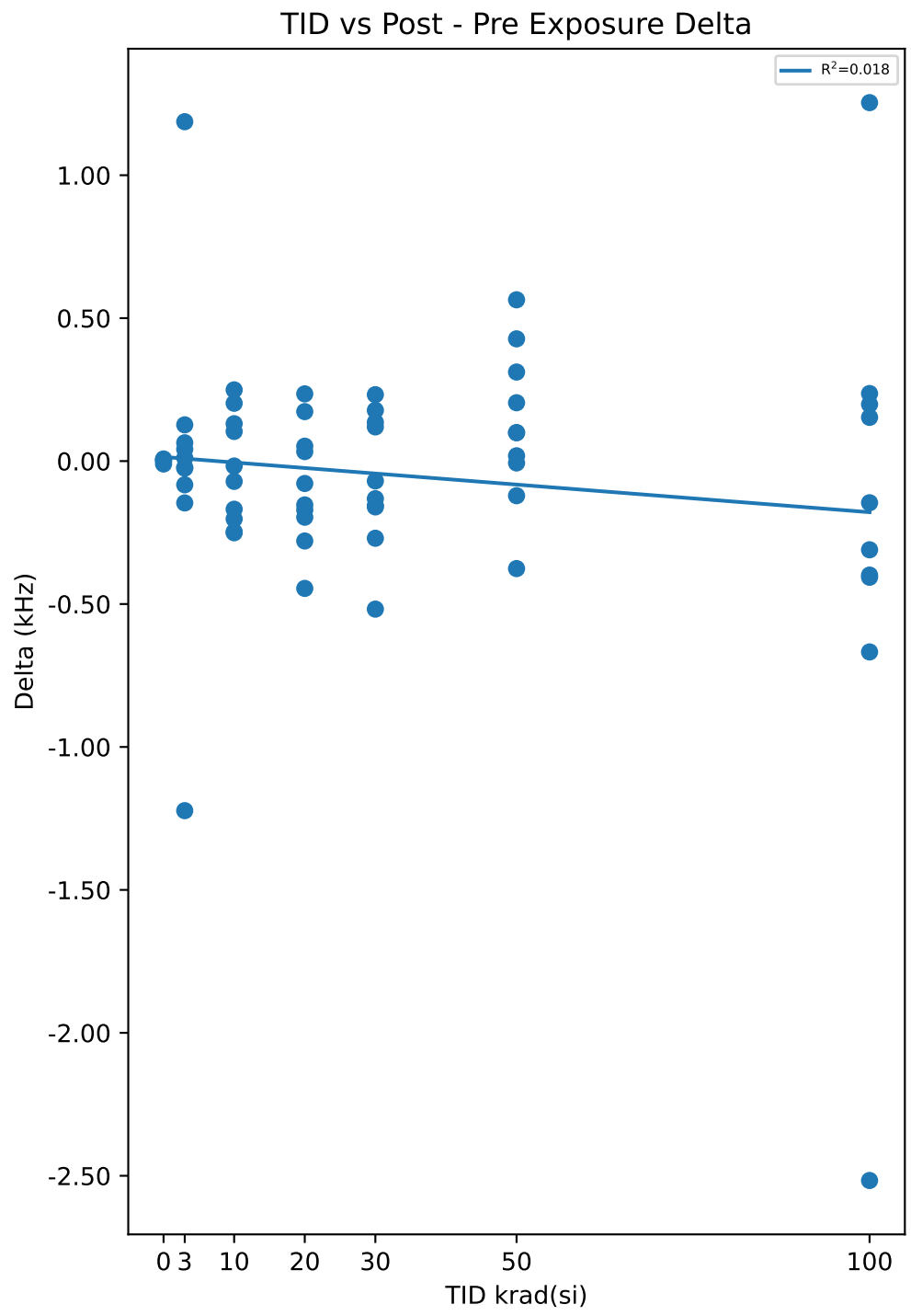
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	100	99.994	-0.0056
2	3	LDR BIAS	99.994	99.993	-0.0015
3	3	LDR BIAS	99.994	99.992	-0.0026
4	3	LDR BIAS	99.993	99.996	0.0023
5	3	LDR BIAS	99.998	99.996	-0.0025
6	3	LDR UNBIAS	99.993	99.995	0.002
7	3	LDR UNBIAS	99.994	99.992	-0.0022
8	3	LDR UNBIAS	99.993	99.993	-0.0001
9	3	LDR UNBIAS	99.998	99.999	0.001
10	3	LDR UNBIAS	99.994	99.996	0.0014
11	0	CORRELATION	99.992	99.998	0.0061
12	0	CORRELATION	99.995	99.999	0.0041
13	0	CORRELATION	99.994	99.999	0.0047
14	0	CORRELATION	99.993	100	0.0073
21	10	LDR BIAS	100	99.999	-0.0002
22	10	LDR BIAS	99.994	100	0.0068
23	10	LDR BIAS	99.994	99.999	0.0049
24	10	LDR BIAS	99.993	99.999	0.0055
25	10	LDR BIAS	99.998	100	0.0035
26	10	LDR UNBIAS	99.993	100	0.0072
27	10	LDR UNBIAS	99.994	100	0.0064
28	10	LDR UNBIAS	99.993	99.999	0.006
29	10	LDR UNBIAS	99.998	99.998	0.0003
30	10	LDR UNBIAS	99.994	100	0.0062
31	20	LDR BIAS	100	99.998	-0.0012
32	20	LDR BIAS	99.994	99.999	0.0048
33	20	LDR BIAS	99.994	99.999	0.0053
34	20	LDR BIAS	99.993	100	0.0069
35	20	LDR BIAS	99.998	99.998	-0.0001
36	20	LDR UNBIAS	99.993	99.999	0.0058
37	20	LDR UNBIAS	99.994	100	0.0074
38	20	LDR UNBIAS	99.993	99.999	0.0052
39	20	LDR UNBIAS	99.998	100	0.002
40	20	LDR UNBIAS	99.994	100	0.0069
41	30	LDR BIAS	100	100	0.0005
42	30	LDR BIAS	99.994	100	0.0058
43	30	LDR BIAS	99.994	100	0.0071
44	30	LDR BIAS	99.993	99.999	0.0055
45	30	LDR BIAS	99.998	100	0.0019
46	30	LDR UNBIAS	99.993	99.999	0.0066
47	30	LDR UNBIAS	99.994	99.999	0.0049
48	30	LDR UNBIAS	99.993	99.999	0.0052
49	30	LDR UNBIAS	99.998	99.999	0.0004
50	30	LDR UNBIAS	99.994	100	0.0057
51	50	LDR BIAS	100	99.995	-0.0051
52	50	LDR BIAS	99.994	99.996	0.0022
53	50	LDR BIAS	99.994	99.994	-0.0001
54	50	LDR BIAS	99.993	99.996	0.0028
55	50	LDR BIAS	99.998	99.995	-0.003
56	50	LDR UNBIAS	99.993	99.996	0.0033
57	50	LDR UNBIAS	99.994	99.994	0.0005
58	50	LDR UNBIAS	99.993	99.996	0.0024
59	50	LDR UNBIAS	99.998	99.995	-0.003
60	50	LDR UNBIAS	99.994	99.994	-0.0002
61	100	LDR BIAS	100	99.995	-0.0044
62	100	LDR BIAS	99.994	99.995	0.001
63	100	LDR BIAS	99.994	99.993	-0.0009
64	100	LDR BIAS	99.993	99.995	0.0018
65	100	LDR BIAS	99.998	99.996	-0.0024
66	100	LDR UNBIAS	99.993	99.993	0.0001
67	100	LDR UNBIAS	99.994	99.995	0.0011
68	100	LDR UNBIAS	99.993	99.993	-0.0001
69	100	LDR UNBIAS	99.998	99.993	-0.0052
70	100	LDR UNBIAS	99.994	99.995	0.0006

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.992	99.994	99.995	0.001279	99.998	99.999	100	0.00094296	0.0041	0.00555	0.0073	0.0014364
3	99.993	99.995	100	0.00242	99.992	99.994	99.999	0.0022854	-0.0056	-0.00078	0.0023	0.0025306
10	99.993	99.995	100	0.00242	99.998	100	100	0.00098798	-0.0002	0.00466	0.0072	0.002645
20	99.993	99.995	100	0.00242	99.998	99.999	100	0.0011503	-0.0012	0.0043	0.0074	0.0030247
30	99.993	99.995	100	0.00242	99.999	100	100	0.00083566	0.0004	0.00436	0.0071	0.0024793
50	99.993	99.995	100	0.00242	99.994	99.995	99.996	0.00092622	-0.0051	-2e-05	0.0033	0.0028604
100	99.993	99.995	100	0.00242	99.993	99.994	99.996	0.0010855	-0.0052	-0.00084	0.0018	0.0023978

Device Test: 20.19 LEVEL|FREQ/RT/5/5/0/0/5/100kHz//@FSW_EXT_RT_A





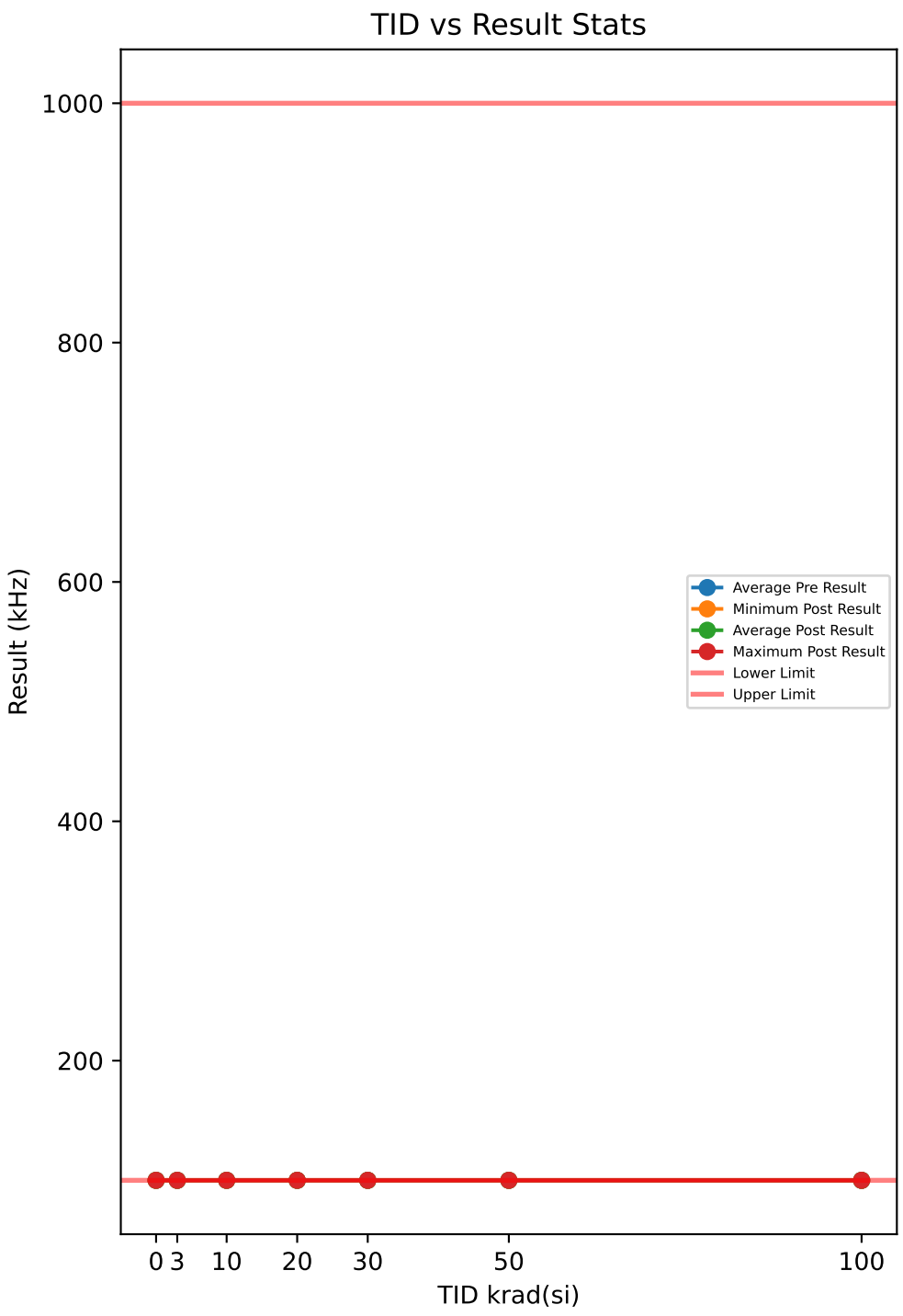
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

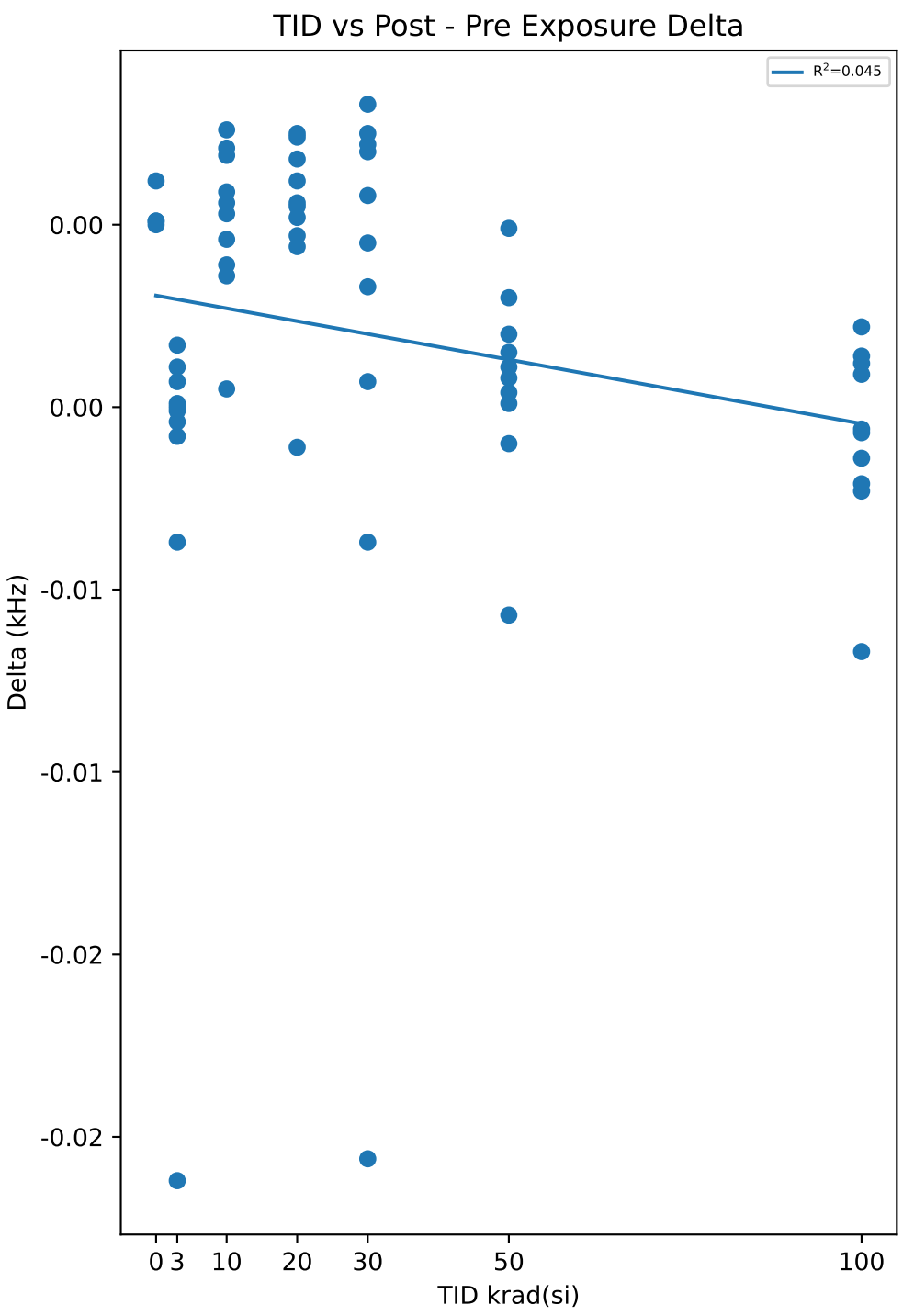
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.484	94.611	0.1268
2	3	LDR BIAS	94.21	92.987	-1.2228
3	3	LDR BIAS	92.939	94.126	1.1872
4	3	LDR BIAS	94.285	94.139	-0.1464
5	3	LDR BIAS	94.123	94.187	0.064
6	3	LDR UNBIAS	93.103	93.144	0.0414
7	3	LDR UNBIAS	95.364	95.281	-0.083
8	3	LDR UNBIAS	95.815	95.826	0.0112
9	3	LDR UNBIAS	95.902	95.877	-0.0249
10	3	LDR UNBIAS	95.221	95.199	-0.0222
11	0	CORRELATION	92.566	92.556	-0.0101
12	0	CORRELATION	92.763	92.764	0.001
13	0	CORRELATION	94.619	94.623	0.0043
14	0	CORRELATION	94.241	94.249	0.0074
21	10	LDR BIAS	94.484	94.687	0.2023
22	10	LDR BIAS	94.21	94.314	0.1037
23	10	LDR BIAS	92.939	93.07	0.1307
24	10	LDR BIAS	94.285	94.268	-0.0173
25	10	LDR BIAS	94.123	93.955	-0.1684
26	10	LDR UNBIAS	93.103	92.852	-0.2507
27	10	LDR UNBIAS	95.364	95.162	-0.2025
28	10	LDR UNBIAS	95.815	96.064	0.2491
29	10	LDR UNBIAS	95.902	95.654	-0.2472
30	10	LDR UNBIAS	95.221	95.15	-0.071
31	20	LDR BIAS	94.484	94.72	0.2351
32	20	LDR BIAS	94.21	94.132	-0.0784
33	20	LDR BIAS	92.939	93.112	0.1731
34	20	LDR BIAS	94.285	94.132	-0.1533
35	20	LDR BIAS	94.123	93.844	-0.2795
36	20	LDR UNBIAS	93.103	92.657	-0.4454
37	20	LDR UNBIAS	95.364	95.168	-0.1963
38	20	LDR UNBIAS	95.815	95.848	0.0332
39	20	LDR UNBIAS	95.902	95.731	-0.171
40	20	LDR UNBIAS	95.221	95.273	0.0521
41	30	LDR BIAS	94.484	94.717	0.2323
42	30	LDR BIAS	94.21	94.079	-0.1315
43	30	LDR BIAS	92.939	93.075	0.1358
44	30	LDR BIAS	94.285	93.767	-0.5178
45	30	LDR BIAS	94.123	93.963	-0.1603
46	30	LDR UNBIAS	93.103	92.947	-0.1559
47	30	LDR UNBIAS	95.364	95.094	-0.2699
48	30	LDR UNBIAS	95.815	95.935	0.1196
49	30	LDR UNBIAS	95.902	95.832	-0.0694
50	30	LDR UNBIAS	95.221	95.398	0.1776
51	50	LDR BIAS	94.484	95.049	0.5642
52	50	LDR BIAS	94.21	94.204	-0.0065
53	50	LDR BIAS	92.939	93.039	0.0996
54	50	LDR BIAS	94.285	94.304	0.0185
55	50	LDR BIAS	94.123	94.002	-0.1211
56	50	LDR UNBIAS	93.103	93.414	0.3115
57	50	LDR UNBIAS	95.364	94.988	-0.376
58	50	LDR UNBIAS	95.815	96.019	0.2041
59	50	LDR UNBIAS	95.902	96.001	0.0993
60	50	LDR UNBIAS	95.221	95.648	0.4276
61	100	LDR BIAS	94.484	95.738	1.2539
62	100	LDR BIAS	94.21	93.804	-0.4063
63	100	LDR BIAS	92.939	92.793	-0.1458
64	100	LDR BIAS	94.285	93.618	-0.6676
65	100	LDR BIAS	94.123	94.276	0.153
66	100	LDR UNBIAS	93.103	92.704	-0.3988
67	100	LDR UNBIAS	95.364	95.054	-0.3103
68	100	LDR UNBIAS	95.815	96.014	0.1985
69	100	LDR UNBIAS	95.902	96.138	0.2363
70	100	LDR UNBIAS	95.221	92.704	-2.5165

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.566	93.547	94.619	1.0341	92.556	93.548	94.623	1.0402	-0.0101	0.00065	0.0074	0.0076282
3	92.939	94.545	95.902	1.0329	92.987	94.538	95.877	1.0135	-1.2228	-0.00687	1.1872	0.57307
10	92.939	94.545	95.902	1.0329	92.852	94.518	96.064	1.0445	-0.2507	-0.02713	0.2491	0.18918
20	92.939	94.545	95.902	1.0329	92.657	94.462	95.848	1.0767	-0.4454	-0.08304	0.2351	0.20924
30	92.939	94.545	95.902	1.0329	92.947	94.481	95.935	1.0793	-0.5178	-0.06395	0.2323	0.23344
50	92.939	94.545	95.902	1.0329	93.039	94.667	96.019	1.0451	-0.376	0.12212	0.5642	0.27222
100	92.939	94.545	95.902	1.0329	92.704	94.284	96.138	1.3754	-2.5165	-0.26036	1.2539	0.95645

Device Test: 20.20 LEVEL|FREQ/SYNC/5/5/0/0/5/100kHz//@FREQ_SYNC_EXT





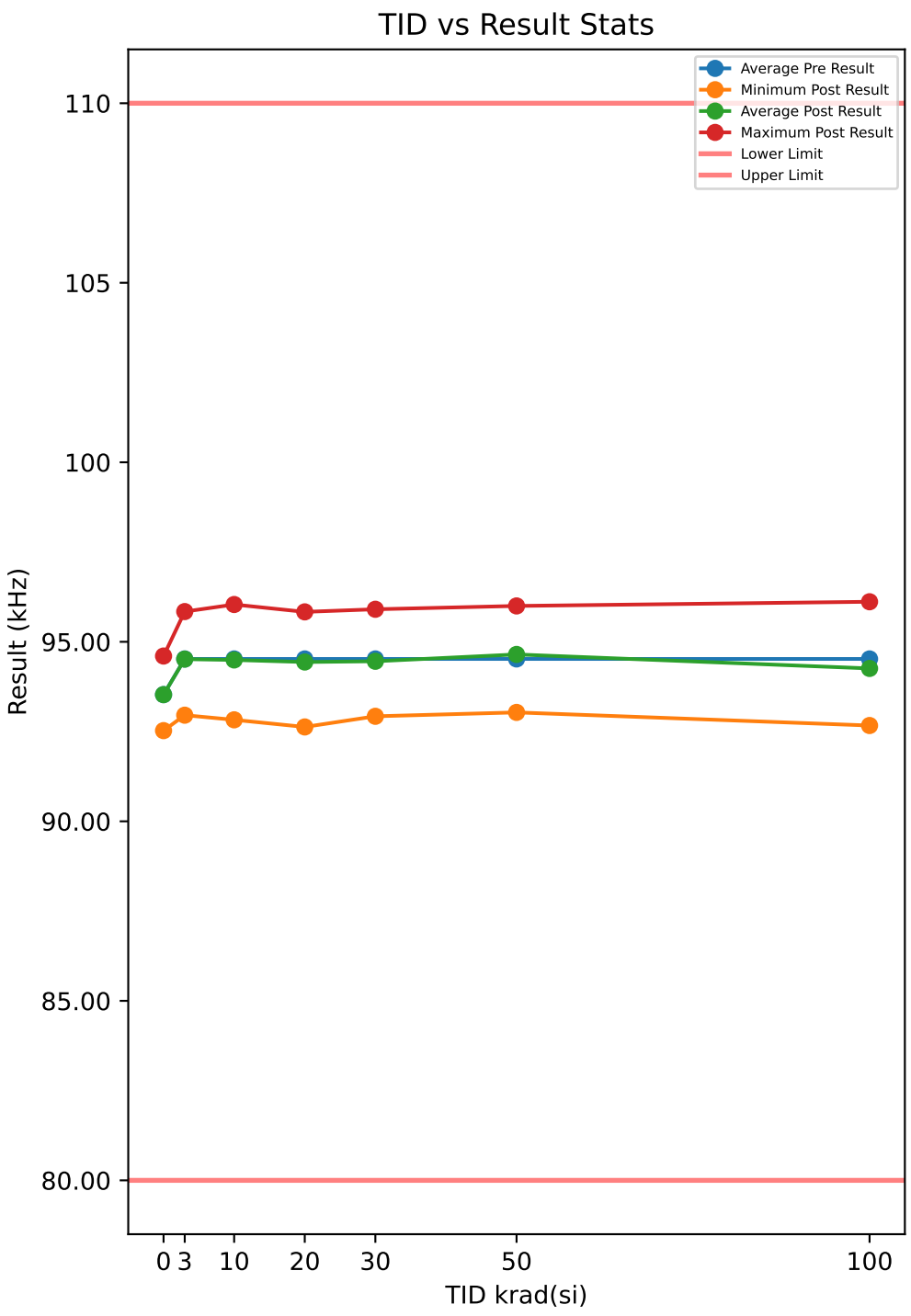
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	99.999	99.996	-0.0037
2	3	LDR BIAS	99.994	99.995	0.0007
3	3	LDR BIAS	99.993	99.992	-0.0008
4	3	LDR BIAS	99.995	99.974	-0.0212
5	3	LDR BIAS	99.996	99.996	0
6	3	LDR UNBIAS	99.995	99.995	-0.0004
7	3	LDR UNBIAS	99.992	99.993	0.0011
8	3	LDR UNBIAS	99.995	99.995	-0.0001
9	3	LDR UNBIAS	99.996	99.997	0.0017
10	3	LDR UNBIAS	99.993	99.993	0.0001
11	0	CORRELATION	99.993	99.998	0.005
12	0	CORRELATION	99.993	100	0.0062
13	0	CORRELATION	99.996	100	0.0051
14	0	CORRELATION	99.994	99.999	0.0051
21	10	LDR BIAS	99.999	100	0.0005
22	10	LDR BIAS	99.994	100	0.0071
23	10	LDR BIAS	99.993	99.999	0.0069
24	10	LDR BIAS	99.995	99.999	0.0039
25	10	LDR BIAS	99.996	100	0.0056
26	10	LDR UNBIAS	99.995	100	0.0053
27	10	LDR UNBIAS	99.992	100	0.0076
28	10	LDR UNBIAS	99.995	100	0.0046
29	10	LDR UNBIAS	99.996	99.999	0.0036
30	10	LDR UNBIAS	99.993	99.999	0.0059
31	20	LDR BIAS	99.999	99.998	-0.0011
32	20	LDR BIAS	99.994	100	0.0068
33	20	LDR BIAS	99.993	100	0.0075
34	20	LDR BIAS	99.995	100	0.0055
35	20	LDR BIAS	99.996	100	0.0047
36	20	LDR UNBIAS	99.995	100	0.0056
37	20	LDR UNBIAS	99.992	99.999	0.0074
38	20	LDR UNBIAS	99.995	100	0.0052
39	20	LDR UNBIAS	99.996	100	0.0044
40	20	LDR UNBIAS	99.993	99.999	0.0062
41	30	LDR BIAS	99.999	100	0.0007
42	30	LDR BIAS	99.994	100	0.0075
43	30	LDR BIAS	99.993	99.999	0.007
44	30	LDR BIAS	99.995	99.999	0.0033
45	30	LDR BIAS	99.996	99.992	-0.0037
46	30	LDR UNBIAS	99.995	100	0.0058
47	30	LDR UNBIAS	99.992	99.999	0.0072
48	30	LDR UNBIAS	99.995	99.974	-0.0206
49	30	LDR UNBIAS	99.996	100	0.0045
50	30	LDR UNBIAS	99.993	100	0.0083
51	50	LDR BIAS	99.999	99.994	-0.0057
52	50	LDR BIAS	99.994	99.996	0.002
53	50	LDR BIAS	99.993	99.994	0.0015
54	50	LDR BIAS	99.995	99.994	-0.001
55	50	LDR BIAS	99.996	99.996	0.0004
56	50	LDR UNBIAS	99.995	99.996	0.0011
57	50	LDR UNBIAS	99.992	99.997	0.0049
58	50	LDR UNBIAS	99.995	99.996	0.0008
59	50	LDR UNBIAS	99.996	99.996	0.0001
60	50	LDR UNBIAS	99.993	99.996	0.003
61	100	LDR BIAS	99.999	99.993	-0.0067
62	100	LDR BIAS	99.994	99.995	0.0012
63	100	LDR BIAS	99.993	99.995	0.0022
64	100	LDR BIAS	99.995	99.994	-0.0014
65	100	LDR BIAS	99.996	99.994	-0.0021
66	100	LDR UNBIAS	99.995	99.993	-0.0023
67	100	LDR UNBIAS	99.992	99.993	0.0014
68	100	LDR UNBIAS	99.995	99.994	-0.0006
69	100	LDR UNBIAS	99.996	99.995	-0.0007
70	100	LDR UNBIAS	99.993	99.994	0.0009

Test Statistics (kHz)

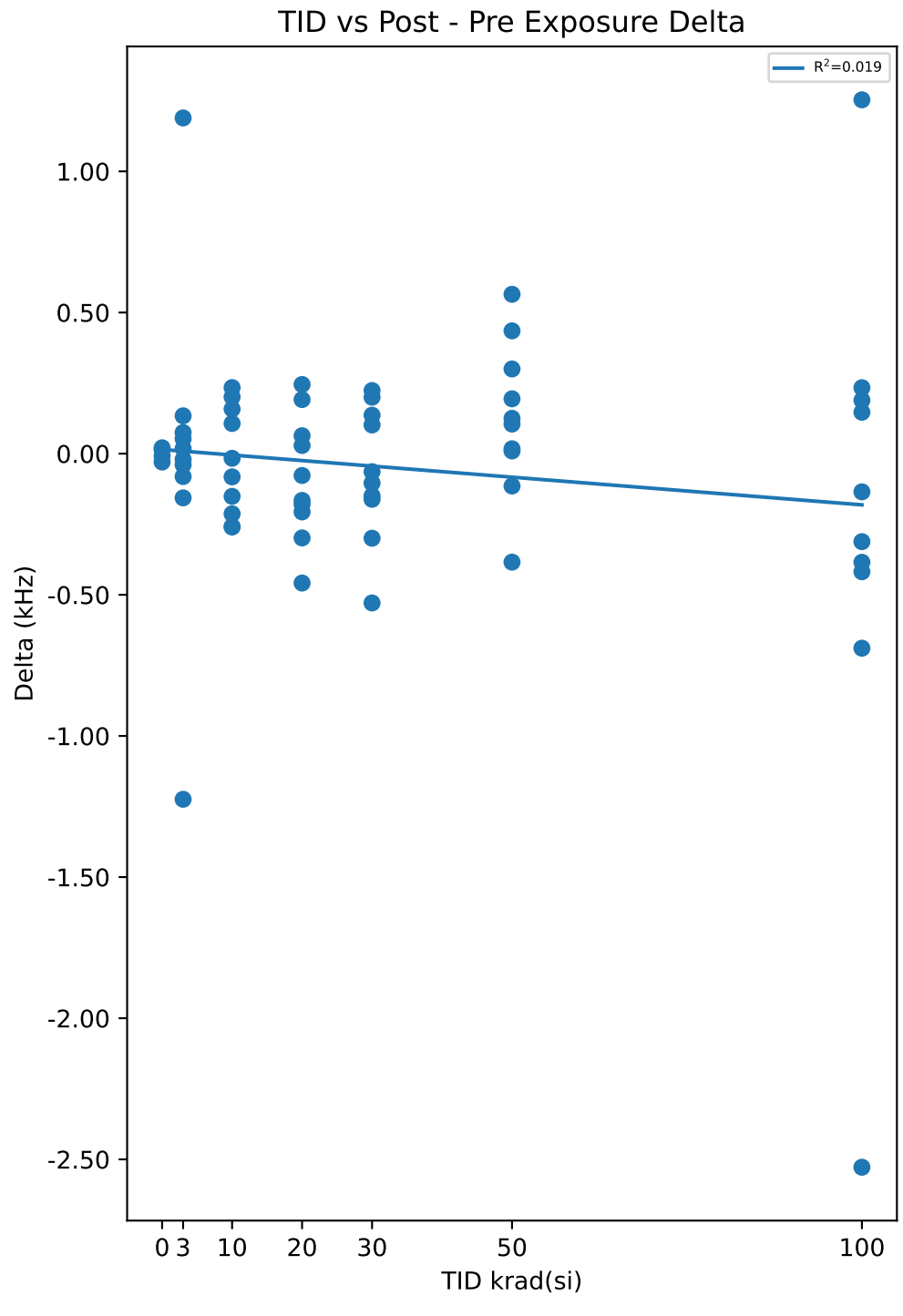
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.993	99.994	99.996	0.001121	99.998	99.999	100	0.0010739	0.005	0.00535	0.0062	0.00056862
3	99.992	99.995	99.999	0.0021423	99.974	99.992	99.997	0.0066949	-0.0212	-0.00226	0.0017	0.0068106
10	99.992	99.995	99.999	0.0021423	99.999	100	100	0.00089839	0.0005	0.0051	0.0076	0.0020955
20	99.992	99.995	99.999	0.0021423	99.998	100	100	0.0008501	-0.0011	0.00522	0.0075	0.0024612
30	99.992	99.995	99.999	0.0021423	99.974	99.997	100	0.0082926	-0.0206	0.002	0.0083	0.0087515
50	99.992	99.995	99.999	0.0021423	99.994	99.995	99.997	0.0010886	-0.0057	0.00071	0.0049	0.0027835
100	99.992	99.995	99.999	0.0021423	99.993	99.994	99.995	0.00084334	-0.0067	-0.00081	0.0022	0.0025796

Device Test: 20.23 LEVEL|FREQ/RT/12/12/0/0/5/100kHz//@FSW_EXT_RT_A



Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

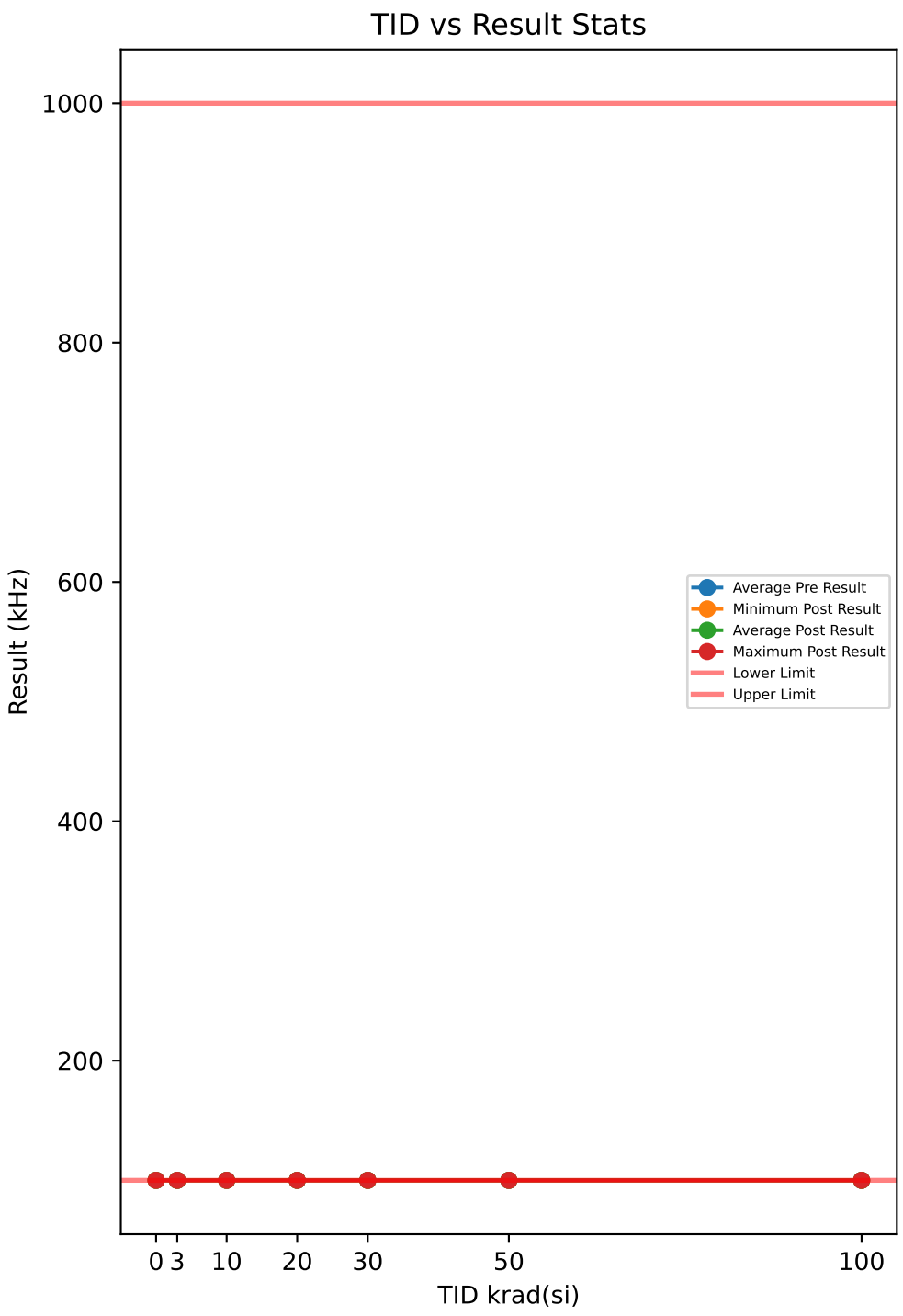
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.447	94.581	0.134
2	3	LDR BIAS	94.18	92.956	-1.2244
3	3	LDR BIAS	92.908	94.098	1.1893
4	3	LDR BIAS	94.281	94.125	-0.1566
5	3	LDR BIAS	94.094	94.169	0.075
6	3	LDR UNBIAS	93.087	93.139	0.0525
7	3	LDR UNBIAS	95.343	95.262	-0.0811
8	3	LDR UNBIAS	95.805	95.823	0.0182
9	3	LDR UNBIAS	95.882	95.842	-0.0397
10	3	LDR UNBIAS	95.199	95.179	-0.0201
11	0	CORRELATION	92.555	92.526	-0.0297
12	0	CORRELATION	92.75	92.742	-0.0081
13	0	CORRELATION	94.583	94.603	0.0207
14	0	CORRELATION	94.228	94.242	0.0142
21	10	LDR BIAS	94.447	94.648	0.2008
22	10	LDR BIAS	94.18	94.287	0.1069
23	10	LDR BIAS	92.908	93.067	0.1581
24	10	LDR BIAS	94.281	94.265	-0.0164
25	10	LDR BIAS	94.094	93.943	-0.1513
26	10	LDR UNBIAS	93.087	92.827	-0.2599
27	10	LDR UNBIAS	95.343	95.13	-0.213
28	10	LDR UNBIAS	95.805	96.038	0.234
29	10	LDR UNBIAS	95.882	95.623	-0.2582
30	10	LDR UNBIAS	95.199	95.117	-0.0822
31	20	LDR BIAS	94.447	94.692	0.245
32	20	LDR BIAS	94.18	94.103	-0.0773
33	20	LDR BIAS	92.908	93.1	0.1916
34	20	LDR BIAS	94.281	94.115	-0.1657
35	20	LDR BIAS	94.094	93.796	-0.2986
36	20	LDR UNBIAS	93.087	92.628	-0.4584
37	20	LDR UNBIAS	95.343	95.136	-0.2064
38	20	LDR UNBIAS	95.805	95.834	0.029
39	20	LDR UNBIAS	95.882	95.702	-0.1794
40	20	LDR UNBIAS	95.199	95.263	0.0635
41	30	LDR BIAS	94.447	94.671	0.2235
42	30	LDR BIAS	94.18	94.076	-0.1044
43	30	LDR BIAS	92.908	93.045	0.1362
44	30	LDR BIAS	94.281	93.752	-0.5289
45	30	LDR BIAS	94.094	93.945	-0.1493
46	30	LDR UNBIAS	93.087	92.925	-0.1616
47	30	LDR UNBIAS	95.343	95.043	-0.2996
48	30	LDR UNBIAS	95.805	95.906	0.1016
49	30	LDR UNBIAS	95.882	95.818	-0.0639
50	30	LDR UNBIAS	95.199	95.399	0.2
51	50	LDR BIAS	94.447	95.012	0.5646
52	50	LDR BIAS	94.18	94.19	0.0096
53	50	LDR BIAS	92.908	93.034	0.1251
54	50	LDR BIAS	94.281	94.299	0.0173
55	50	LDR BIAS	94.094	93.98	-0.1147
56	50	LDR UNBIAS	93.087	93.387	0.3
57	50	LDR UNBIAS	95.343	94.959	-0.3843
58	50	LDR UNBIAS	95.805	95.999	0.1943
59	50	LDR UNBIAS	95.882	95.987	0.1049
60	50	LDR UNBIAS	95.199	95.635	0.4351
61	100	LDR BIAS	94.447	95.701	1.2535
62	100	LDR BIAS	94.18	93.796	-0.3848
63	100	LDR BIAS	92.908	92.773	-0.1353
64	100	LDR BIAS	94.281	93.592	-0.6892
65	100	LDR BIAS	94.094	94.241	0.1467
66	100	LDR UNBIAS	93.087	92.668	-0.4184
67	100	LDR UNBIAS	95.343	95.031	-0.3118
68	100	LDR UNBIAS	95.805	95.994	0.1892
69	100	LDR UNBIAS	95.882	96.115	0.2336
70	100	LDR UNBIAS	95.199	92.671	-2.5279



Test Statistics (kHz)

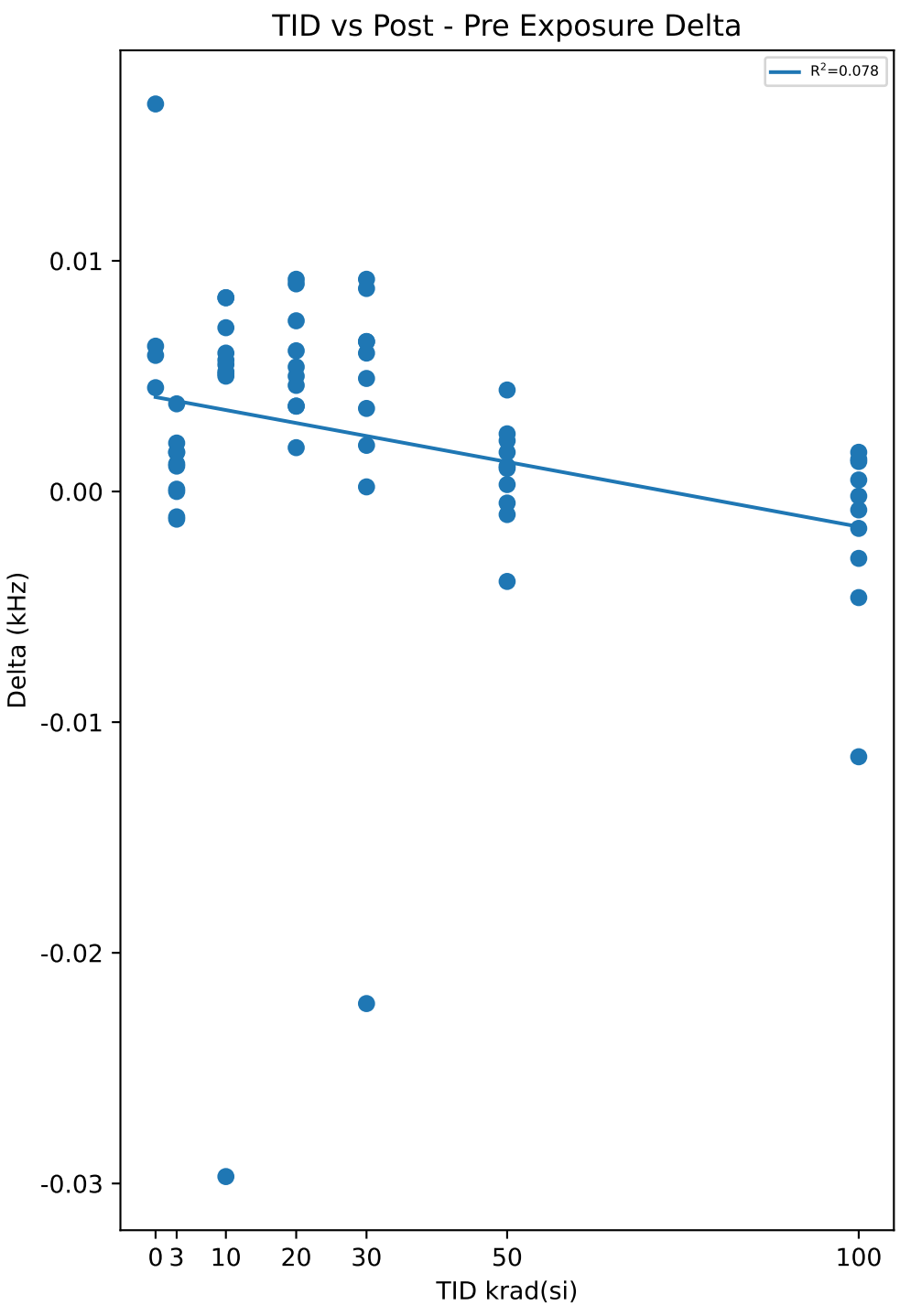
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.555	93.529	94.583	1.0253	92.526	93.528	94.603	1.0471	-0.0297	-0.000725	0.0207	0.022918
3	92.908	94.523	95.882	1.0356	92.956	94.517	95.842	1.0134	-1.2244	-0.00529	1.1893	0.57475
10	92.908	94.523	95.882	1.0356	92.827	94.495	96.038	1.0378	-0.2599	-0.02812	0.234	0.19238
20	92.908	94.523	95.882	1.0356	92.628	94.437	95.834	1.0787	-0.4584	-0.08567	0.245	0.22003
30	92.908	94.523	95.882	1.0356	92.925	94.458	95.906	1.0788	-0.5289	-0.06464	0.2235	0.23803
50	92.908	94.523	95.882	1.0356	93.034	94.648	95.999	1.0432	-0.3843	0.12519	0.5646	0.27223
100	92.908	94.523	95.882	1.0356	92.668	94.258	96.115	1.3763	-2.5279	-0.26444	1.2535	0.95962

Device Test: 20.24 LEVEL|FREQ/SYNC/12/12/0/0/5/100kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

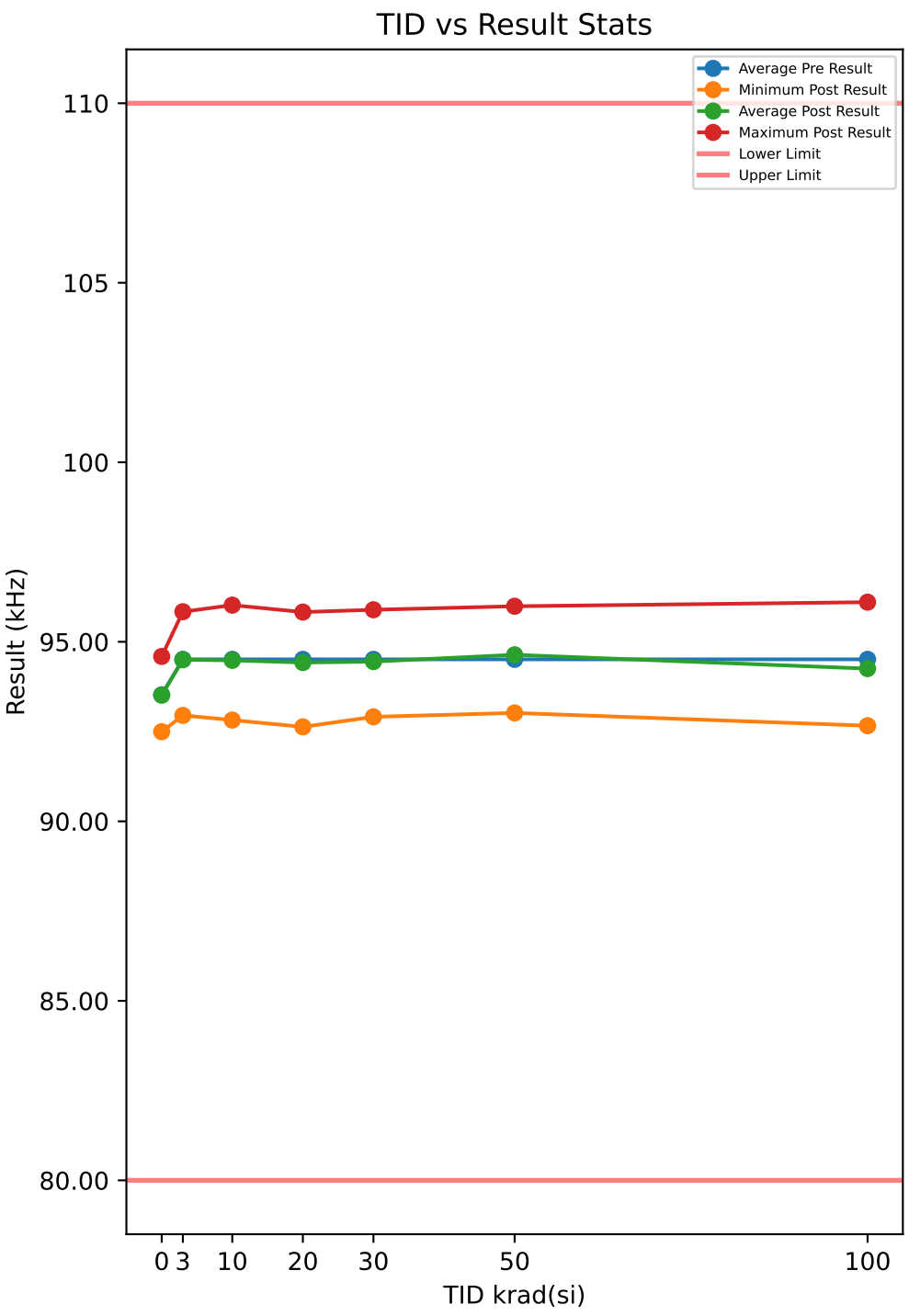
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	99.994	99.998	0.0038
2	3	LDR BIAS	99.993	99.995	0.0012
3	3	LDR BIAS	99.992	99.993	0.0017
4	3	LDR BIAS	99.995	99.995	0.0001
5	3	LDR BIAS	99.996	99.998	0.0011
6	3	LDR UNBIAS	99.995	99.993	-0.0011
7	3	LDR UNBIAS	99.992	99.994	0.0021
8	3	LDR UNBIAS	99.995	99.995	0
9	3	LDR UNBIAS	99.998	99.997	-0.0012
10	3	LDR UNBIAS	99.993	99.995	0.0017
11	0	CORRELATION	99.994	100	0.0063
12	0	CORRELATION	99.995	99.999	0.0045
13	0	CORRELATION	99.983	100	0.0168
14	0	CORRELATION	99.993	99.999	0.0059
21	10	LDR BIAS	99.994	100	0.0057
22	10	LDR BIAS	99.993	100	0.0071
23	10	LDR BIAS	99.992	100	0.0084
24	10	LDR BIAS	99.995	100	0.005
25	10	LDR BIAS	99.996	100	0.0051
26	10	LDR UNBIAS	99.995	100	0.006
27	10	LDR UNBIAS	99.992	100	0.0084
28	10	LDR UNBIAS	99.995	100	0.0055
29	10	LDR UNBIAS	99.998	99.968	-0.0297
30	10	LDR UNBIAS	99.993	99.999	0.0052
31	20	LDR BIAS	99.994	100	0.0061
32	20	LDR BIAS	99.993	100	0.0074
33	20	LDR BIAS	99.992	100	0.0092
34	20	LDR BIAS	99.995	99.999	0.0037
35	20	LDR BIAS	99.996	100	0.0037
36	20	LDR UNBIAS	99.995	99.999	0.0046
37	20	LDR UNBIAS	99.992	100	0.009
38	20	LDR UNBIAS	99.995	100	0.005
39	20	LDR UNBIAS	99.998	100	0.0019
40	20	LDR UNBIAS	99.993	99.999	0.0054
41	30	LDR BIAS	99.994	99.972	-0.0222
42	30	LDR BIAS	99.993	100	0.0065
43	30	LDR BIAS	99.992	100	0.0088
44	30	LDR BIAS	99.995	100	0.0049
45	30	LDR BIAS	99.996	99.998	0.002
46	30	LDR UNBIAS	99.995	100	0.0065
47	30	LDR UNBIAS	99.992	100	0.0092
48	30	LDR UNBIAS	99.995	99.999	0.0036
49	30	LDR UNBIAS	99.998	99.998	0.0002
50	30	LDR UNBIAS	99.993	99.999	0.006
51	50	LDR BIAS	99.994	99.995	0.0011
52	50	LDR BIAS	99.993	99.996	0.0025
53	50	LDR BIAS	99.992	99.994	0.0022
54	50	LDR BIAS	99.995	99.995	0.0003
55	50	LDR BIAS	99.996	99.995	-0.001
56	50	LDR UNBIAS	99.995	99.996	0.001
57	50	LDR UNBIAS	99.992	99.996	0.0044
58	50	LDR UNBIAS	99.995	99.994	-0.0005
59	50	LDR UNBIAS	99.998	99.994	-0.0039
60	50	LDR UNBIAS	99.993	99.995	0.0017
61	100	LDR BIAS	99.994	99.993	-0.0008
62	100	LDR BIAS	99.993	99.995	0.0017
63	100	LDR BIAS	99.992	99.993	0.0013
64	100	LDR BIAS	99.995	99.993	-0.0016
65	100	LDR BIAS	99.996	99.993	-0.0029
66	100	LDR UNBIAS	99.995	99.995	0.0005
67	100	LDR UNBIAS	99.992	99.993	0.0014
68	100	LDR UNBIAS	99.995	99.983	-0.0115
69	100	LDR UNBIAS	99.998	99.993	-0.0046
70	100	LDR UNBIAS	99.993	99.993	-0.0002

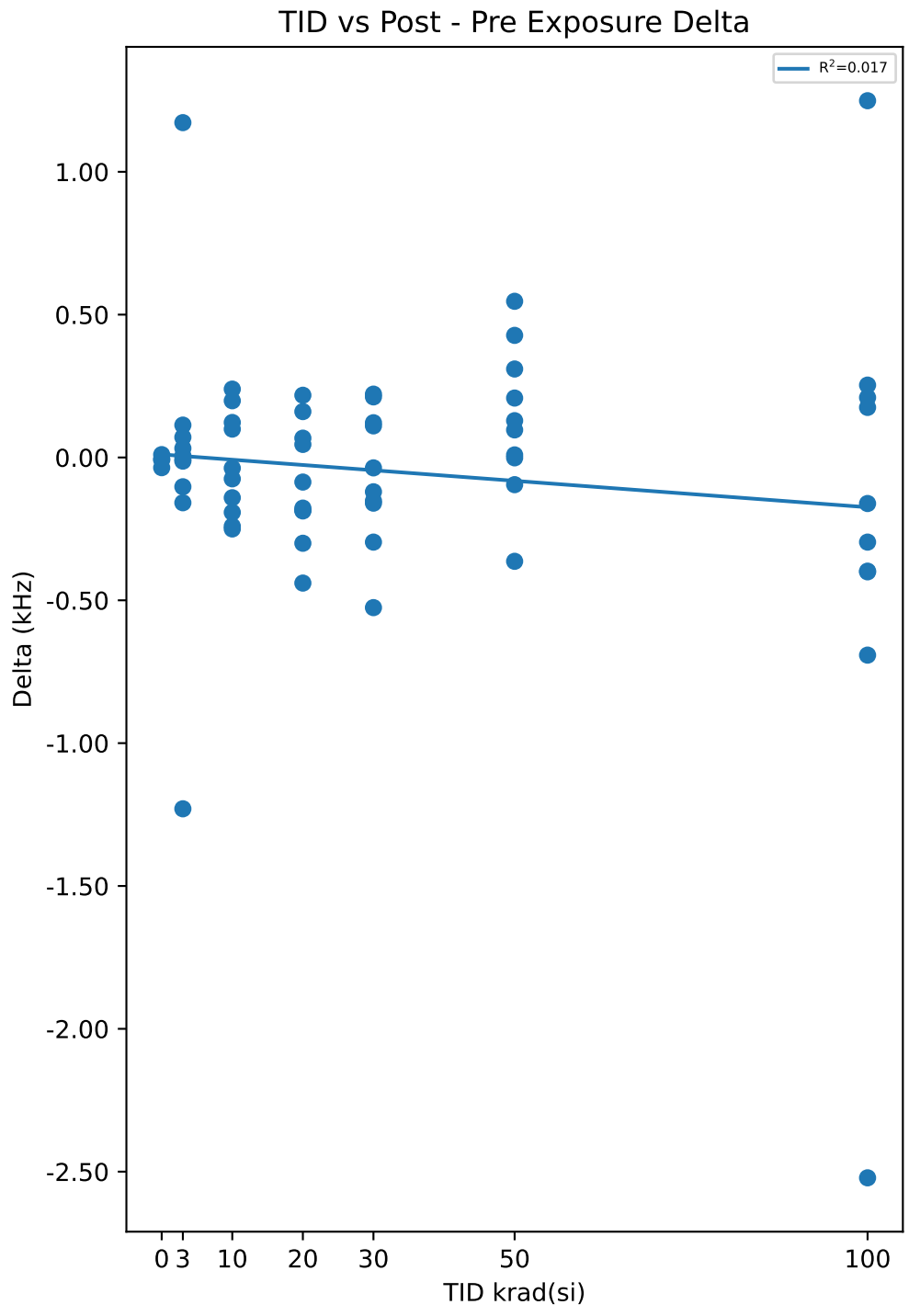


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.983	99.991	99.995	0.0053879	99.999	100	100	0.00054467	0.0045	0.008375	0.0168	0.0056694
3	99.992	99.994	99.998	0.0019919	99.993	99.995	99.998	0.0016393	-0.0012	0.00094	0.0038	0.0015313
10	99.992	99.994	99.998	0.0019919	99.968	99.997	100	0.010067	-0.0297	0.00267	0.0084	0.011446
20	99.992	99.994	99.998	0.0019919	99.999	100	100	0.00075638	0.0019	0.0056	0.0092	0.0023646
30	99.992	99.994	99.998	0.0019919	99.972	99.997	100	0.0088599	-0.0222	0.00255	0.0092	0.0091373
50	99.992	99.994	99.998	0.0019919	99.994	99.995	99.996	0.00066575	-0.0039	0.00078	0.0044	0.0022612
100	99.992	99.994	99.998	0.0019919	99.983	99.993	99.995	0.0033294	-0.0115	-0.00167	0.0017	0.0039995

Device Test: 20.27 LEVEL|FREQ/RT/14/14/0/0/5/100kHz//@FSW_EXT_RT_A





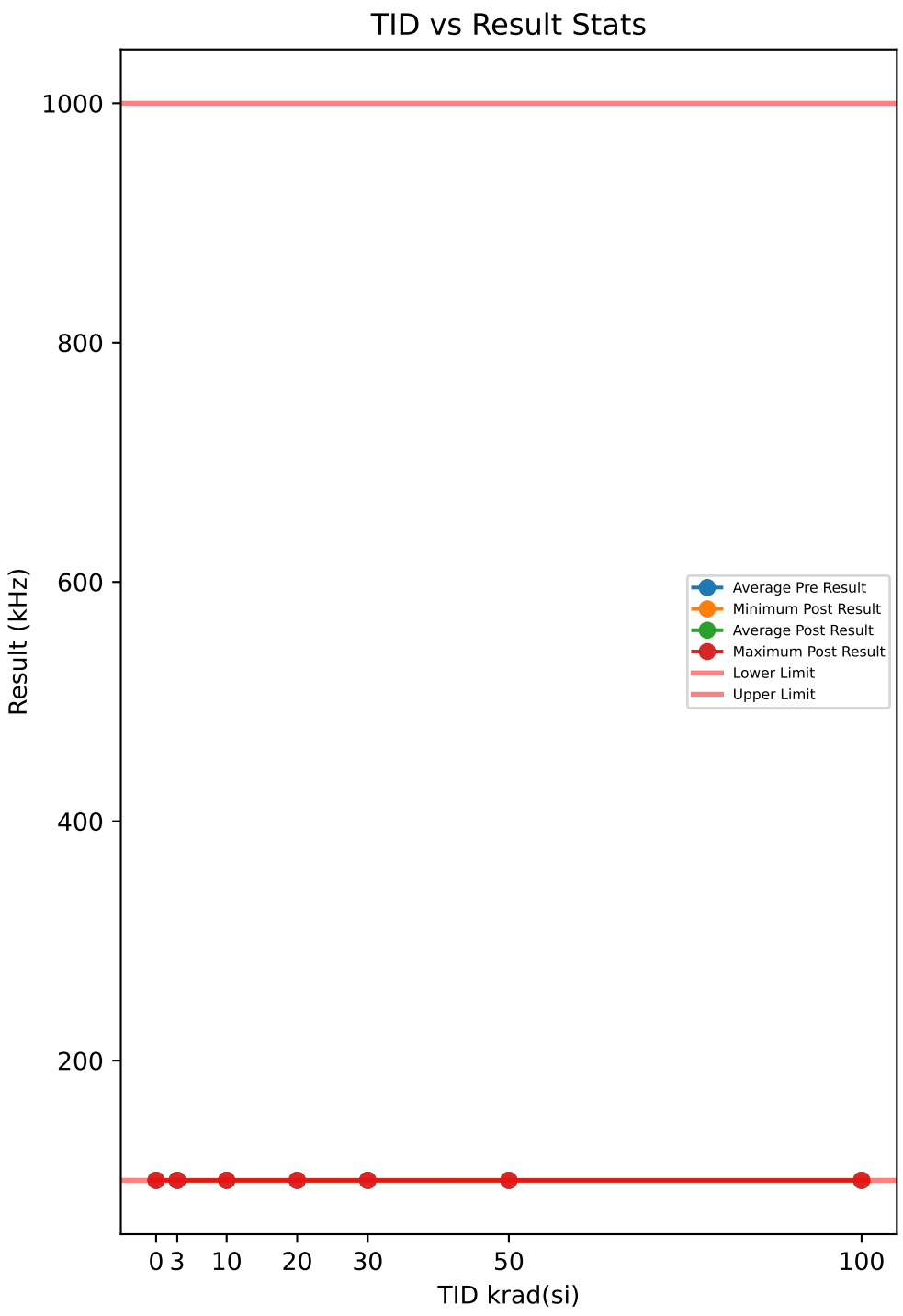
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

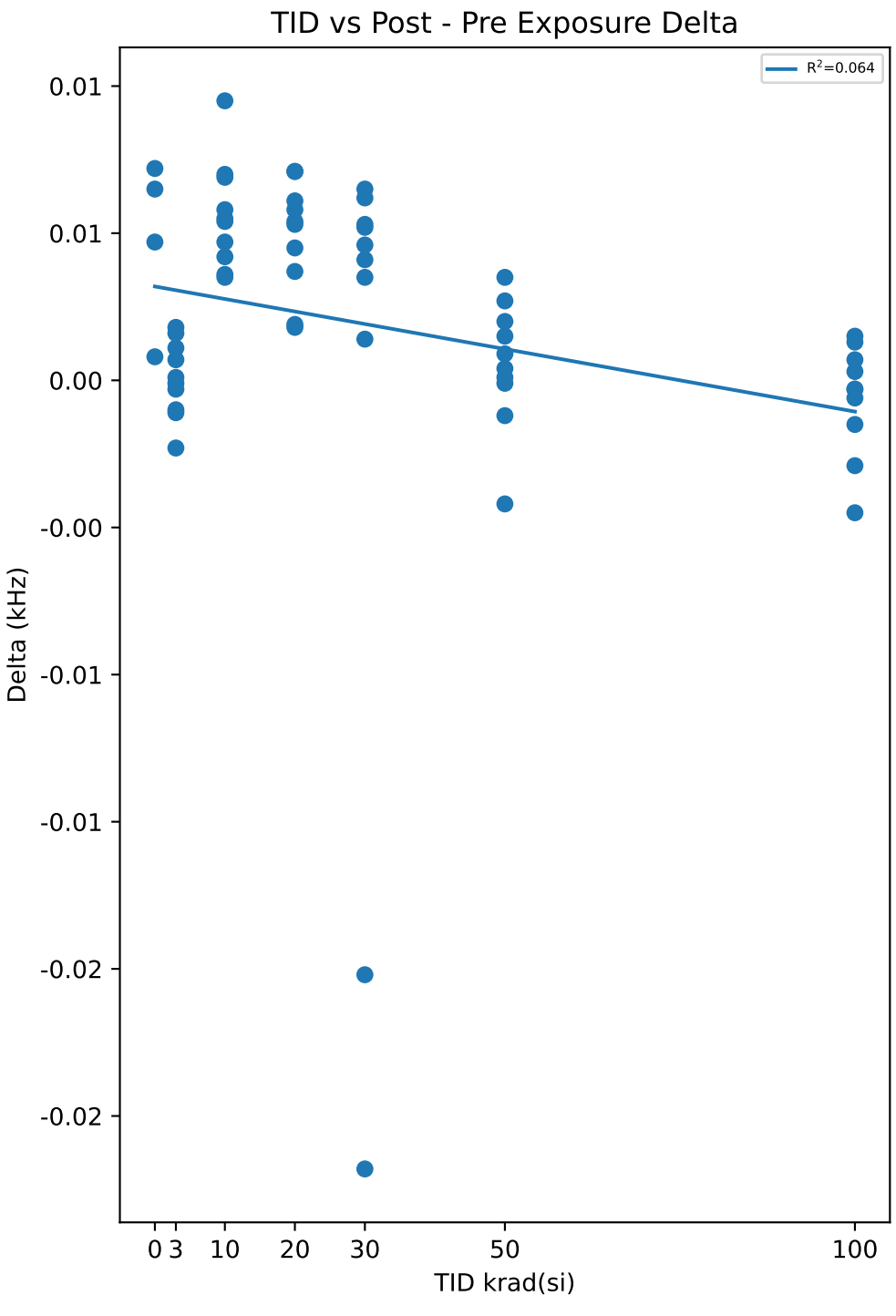
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.454	94.567	0.1133
2	3	LDR BIAS	94.18	92.95	-1.2298
3	3	LDR BIAS	92.922	94.094	1.1721
4	3	LDR BIAS	94.275	94.117	-0.1585
5	3	LDR BIAS	94.074	94.145	0.0709
6	3	LDR UNBIAS	93.07	93.102	0.0321
7	3	LDR UNBIAS	95.321	95.218	-0.1025
8	3	LDR UNBIAS	95.782	95.788	0.0062
9	3	LDR UNBIAS	95.85	95.838	-0.0128
10	3	LDR UNBIAS	95.185	95.178	-0.0066
11	0	CORRELATION	92.532	92.496	-0.0357
12	0	CORRELATION	92.74	92.731	-0.0085
13	0	CORRELATION	94.582	94.592	0.01
14	0	CORRELATION	94.241	94.235	-0.0055
21	10	LDR BIAS	94.454	94.653	0.1986
22	10	LDR BIAS	94.18	94.279	0.0993
23	10	LDR BIAS	92.922	93.045	0.1225
24	10	LDR BIAS	94.275	94.238	-0.0373
25	10	LDR BIAS	94.074	93.933	-0.141
26	10	LDR UNBIAS	93.07	92.82	-0.2502
27	10	LDR UNBIAS	95.321	95.129	-0.1922
28	10	LDR UNBIAS	95.782	96.021	0.2393
29	10	LDR UNBIAS	95.85	95.61	-0.2406
30	10	LDR UNBIAS	95.185	95.11	-0.0748
31	20	LDR BIAS	94.454	94.672	0.2178
32	20	LDR BIAS	94.18	94.094	-0.0861
33	20	LDR BIAS	92.922	93.083	0.1606
34	20	LDR BIAS	94.275	94.091	-0.1845
35	20	LDR BIAS	94.074	93.774	-0.3003
36	20	LDR UNBIAS	93.07	92.63	-0.4397
37	20	LDR UNBIAS	95.321	95.133	-0.1872
38	20	LDR UNBIAS	95.782	95.828	0.0457
39	20	LDR UNBIAS	95.85	95.673	-0.1773
40	20	LDR UNBIAS	95.185	95.252	0.0676
41	30	LDR BIAS	94.454	94.676	0.2217
42	30	LDR BIAS	94.18	94.06	-0.1201
43	30	LDR BIAS	92.922	93.044	0.1216
44	30	LDR BIAS	94.275	93.75	-0.5256
45	30	LDR BIAS	94.074	93.923	-0.1518
46	30	LDR UNBIAS	93.07	92.91	-0.1599
47	30	LDR UNBIAS	95.321	95.024	-0.2963
48	30	LDR UNBIAS	95.782	95.893	0.1106
49	30	LDR UNBIAS	95.85	95.814	-0.0364
50	30	LDR UNBIAS	95.185	95.397	0.2121
51	50	LDR BIAS	94.454	95.001	0.5467
52	50	LDR BIAS	94.18	94.178	-0.0013
53	50	LDR BIAS	92.922	93.019	0.0965
54	50	LDR BIAS	94.275	94.284	0.009
55	50	LDR BIAS	94.074	93.979	-0.0952
56	50	LDR UNBIAS	93.07	93.38	0.3097
57	50	LDR UNBIAS	95.321	94.957	-0.3635
58	50	LDR UNBIAS	95.782	95.99	0.208
59	50	LDR UNBIAS	95.85	95.979	0.1288
60	50	LDR UNBIAS	95.185	95.612	0.4274
61	100	LDR BIAS	94.454	95.703	1.2488
62	100	LDR BIAS	94.18	93.779	-0.4003
63	100	LDR BIAS	92.922	92.761	-0.1612
64	100	LDR BIAS	94.275	93.583	-0.6919
65	100	LDR BIAS	94.074	94.25	0.1752
66	100	LDR UNBIAS	93.07	92.672	-0.398
67	100	LDR UNBIAS	95.321	95.024	-0.2963
68	100	LDR UNBIAS	95.782	95.992	0.2098
69	100	LDR UNBIAS	95.85	96.104	0.2533
70	100	LDR UNBIAS	95.185	92.663	-2.5216

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.532	93.524	94.582	1.038	92.496	93.514	94.592	1.0537	-0.0357	-0.009925	0.01	0.019
3	92.922	94.511	95.85	1.0262	92.95	94.5	95.838	1.0123	-1.2298	-0.01156	1.1721	0.57151
10	92.922	94.511	95.85	1.0262	92.82	94.484	96.021	1.0388	-0.2502	-0.02764	0.2393	0.18203
20	92.922	94.511	95.85	1.0262	92.63	94.423	95.828	1.077	-0.4397	-0.08834	0.2178	0.20904
30	92.922	94.511	95.85	1.0262	92.91	94.449	95.893	1.0795	-0.5256	-0.06241	0.2217	0.23819
50	92.922	94.511	95.85	1.0262	93.019	94.638	95.99	1.0426	-0.3635	0.12661	0.5467	0.26407
100	92.922	94.511	95.85	1.0262	92.663	94.253	96.104	1.3772	-2.5216	-0.25822	1.2488	0.96039

Device Test: 20.28 LEVEL|FREQ/SYNC/14/14/0/0/5/100kHz//@FREQ_SYNC_EXT





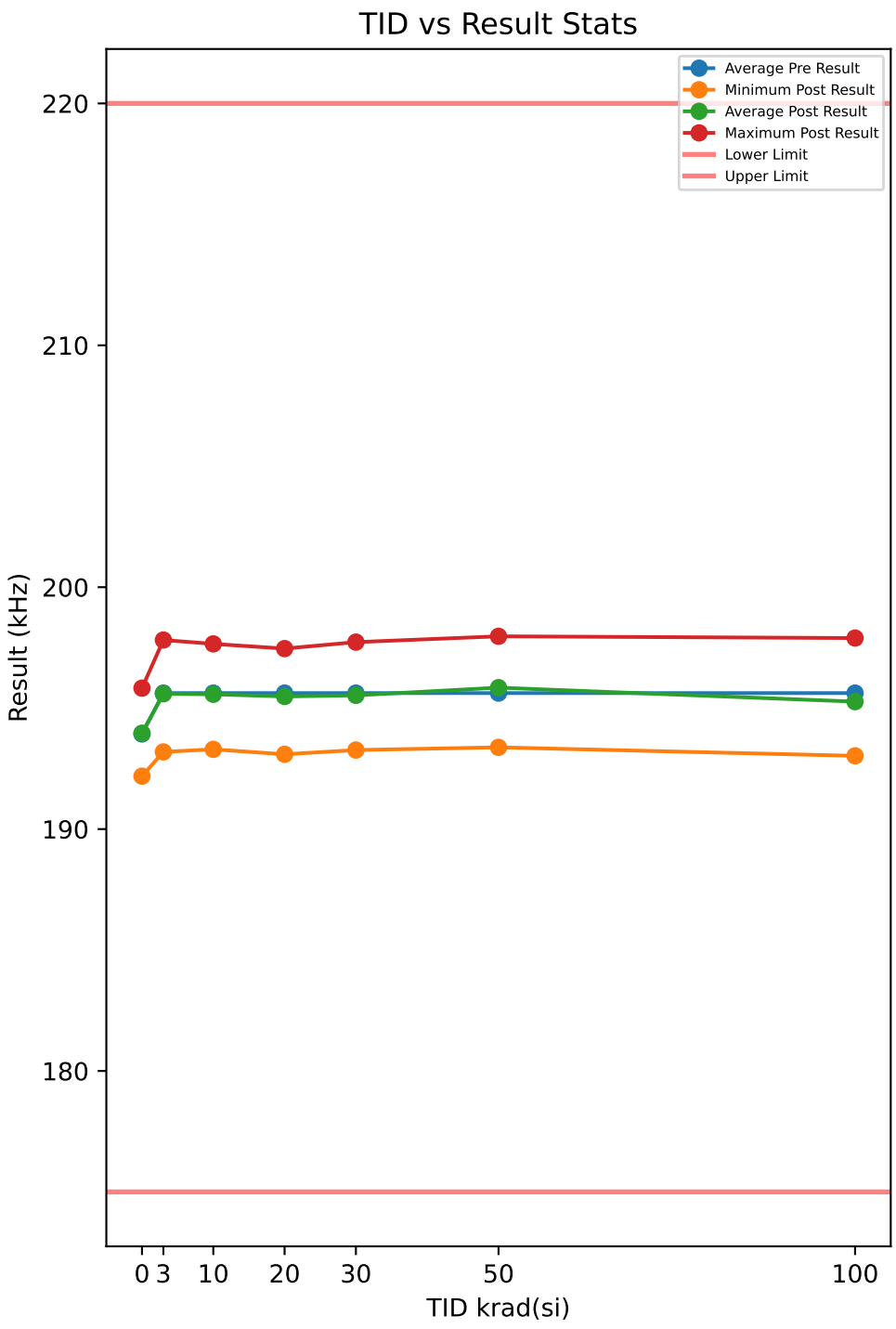
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	99.998	100	0.0018
2	3	LDR BIAS	99.996	99.993	-0.0023
3	3	LDR BIAS	99.994	99.993	-0.0003
4	3	LDR BIAS	99.994	99.994	-0.0001
5	3	LDR BIAS	99.996	99.995	-0.001
6	3	LDR UNBIAS	99.995	99.995	0.0001
7	3	LDR UNBIAS	99.992	99.993	0.0011
8	3	LDR UNBIAS	99.995	99.994	-0.0011
9	3	LDR UNBIAS	99.994	99.995	0.0007
10	3	LDR UNBIAS	99.993	99.995	0.0016
11	0	CORRELATION	99.992	99.998	0.0065
12	0	CORRELATION	99.994	100	0.0072
13	0	CORRELATION	99.999	100	0.0008
14	0	CORRELATION	99.993	99.998	0.0047
21	10	LDR BIAS	99.998	100	0.0036
22	10	LDR BIAS	99.996	99.999	0.0035
23	10	LDR BIAS	99.994	99.999	0.0055
24	10	LDR BIAS	99.994	100	0.007
25	10	LDR BIAS	99.996	100	0.0047
26	10	LDR UNBIAS	99.995	100	0.0058
27	10	LDR UNBIAS	99.992	100	0.0095
28	10	LDR UNBIAS	99.995	99.999	0.0042
29	10	LDR UNBIAS	99.994	99.999	0.0054
30	10	LDR UNBIAS	99.993	100	0.0069
31	20	LDR BIAS	99.998	100	0.0018
32	20	LDR BIAS	99.996	99.999	0.0037
33	20	LDR BIAS	99.994	100	0.0061
34	20	LDR BIAS	99.994	99.999	0.0053
35	20	LDR BIAS	99.996	99.998	0.0019
36	20	LDR UNBIAS	99.995	99.999	0.0045
37	20	LDR UNBIAS	99.992	99.999	0.0071
38	20	LDR UNBIAS	99.995	100	0.0058
39	20	LDR UNBIAS	99.994	99.999	0.0054
40	20	LDR UNBIAS	99.993	100	0.0071
41	30	LDR BIAS	99.998	99.999	0.0014
42	30	LDR BIAS	99.996	100	0.0052
43	30	LDR BIAS	99.994	99.999	0.0053
44	30	LDR BIAS	99.994	99.967	-0.0268
45	30	LDR BIAS	99.996	100	0.0035
46	30	LDR UNBIAS	99.995	100	0.0062
47	30	LDR UNBIAS	99.992	99.972	-0.0202
48	30	LDR UNBIAS	99.995	99.999	0.0041
49	30	LDR UNBIAS	99.994	99.999	0.0046
50	30	LDR UNBIAS	99.993	99.999	0.0065
51	50	LDR BIAS	99.998	99.994	-0.0042
52	50	LDR BIAS	99.996	99.995	-0.0012
53	50	LDR BIAS	99.994	99.996	0.002
54	50	LDR BIAS	99.994	99.994	-0.0001
55	50	LDR BIAS	99.996	99.997	0.0004
56	50	LDR UNBIAS	99.995	99.996	0.0009
57	50	LDR UNBIAS	99.992	99.996	0.0035
58	50	LDR UNBIAS	99.995	99.995	0.0001
59	50	LDR UNBIAS	99.994	99.995	0.0015
60	50	LDR UNBIAS	99.993	99.996	0.0027
61	100	LDR BIAS	99.998	99.993	-0.0045
62	100	LDR BIAS	99.996	99.995	-0.0006
63	100	LDR BIAS	99.994	99.994	0.0007
64	100	LDR BIAS	99.994	99.993	-0.0003
65	100	LDR BIAS	99.996	99.993	-0.0029
66	100	LDR UNBIAS	99.995	99.995	0.0003
67	100	LDR UNBIAS	99.992	99.993	0.0013
68	100	LDR UNBIAS	99.995	99.993	-0.0015
69	100	LDR UNBIAS	99.994	99.994	-0.0003
70	100	LDR UNBIAS	99.993	99.995	0.0015

Test Statistics (kHz)

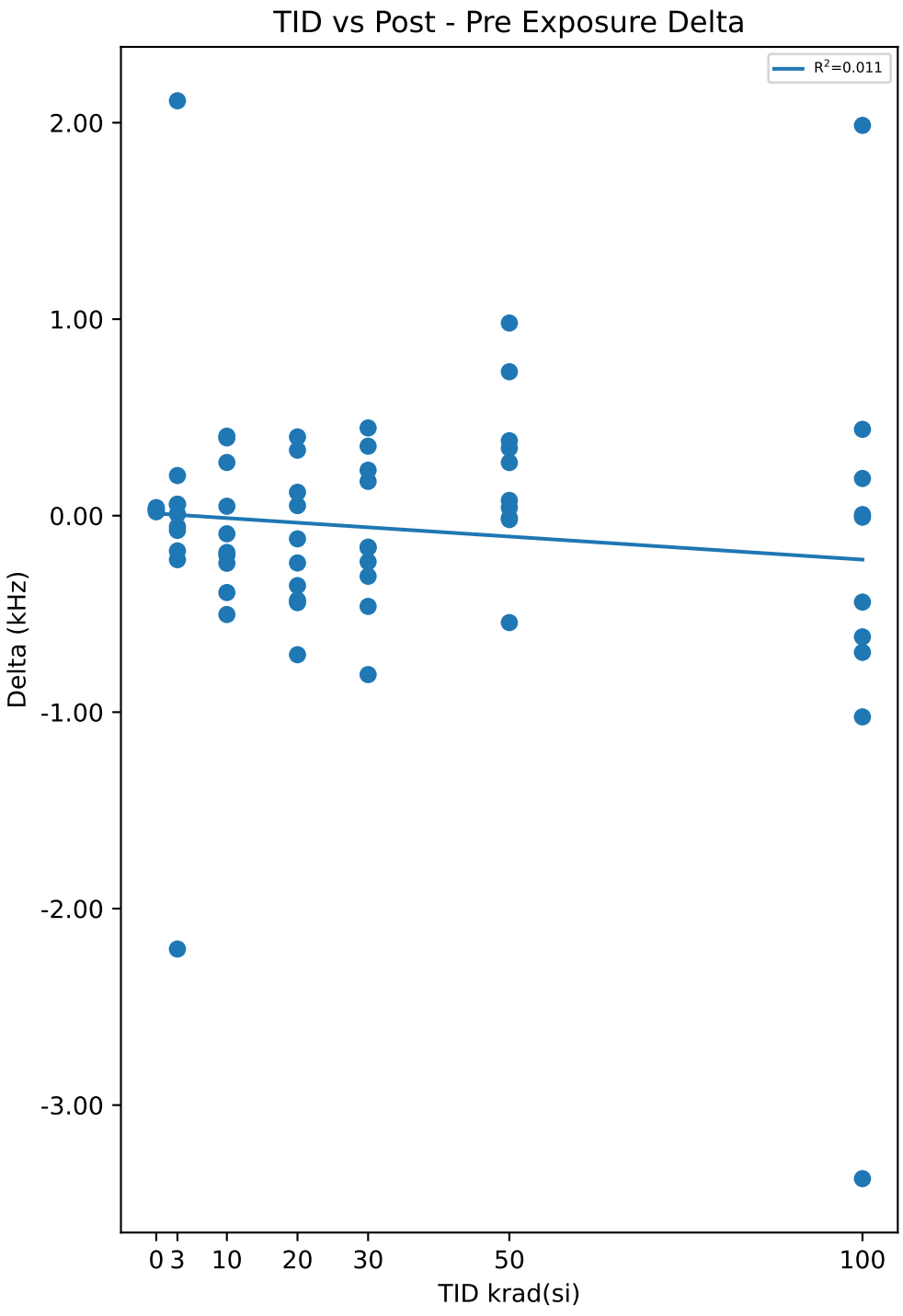
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.992	99.995	99.999	0.003323	99.998	99.999	100	0.0013889	0.0008	0.0048	0.0072	0.0028671
3	99.992	99.995	99.998	0.0017037	99.993	99.995	100	0.0019093	-0.0023	5e-05	0.0018	0.0012946
10	99.992	99.995	99.998	0.0017037	99.999	100	100	0.00099225	0.0035	0.00561	0.0095	0.0018297
20	99.992	99.995	99.998	0.0017037	99.998	99.999	100	0.00061473	0.0018	0.00487	0.0071	0.0019015
30	99.992	99.995	99.998	0.0017037	99.967	99.994	100	0.012827	-0.0268	-0.00102	0.0065	0.012036
50	99.992	99.995	99.998	0.0017037	99.994	99.995	99.997	0.0010031	-0.0042	0.00056	0.0035	0.0021788
100	99.992	99.995	99.998	0.0017037	99.993	99.994	99.995	0.00074244	-0.0045	-0.00063	0.0015	0.0018856

Device Test: 20.31 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/200kHz//@FSW_EXT_RT_B



Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

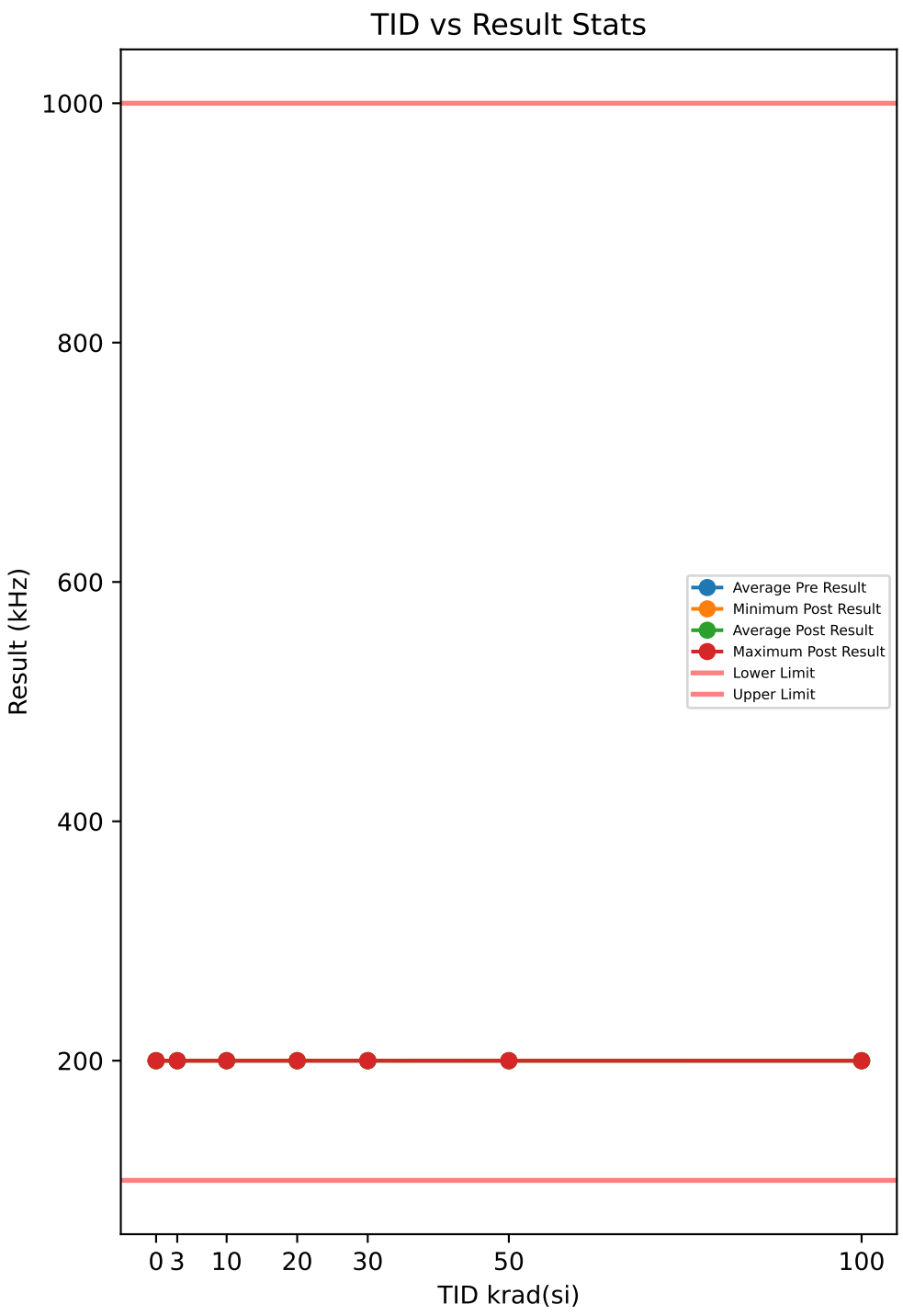
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	195.4	195.6	0.2043
2	3	LDR BIAS	195.4	193.19	-2.2057
3	3	LDR BIAS	193.04	195.15	2.1115
4	3	LDR BIAS	195.33	195.11	-0.224
5	3	LDR BIAS	195.01	195.07	0.0583
6	3	LDR UNBIAS	193.8	193.86	0.0574
7	3	LDR UNBIAS	196.37	196.19	-0.1795
8	3	LDR UNBIAS	197.39	197.39	0.0084
9	3	LDR UNBIAS	197.89	197.82	-0.0752
10	3	LDR UNBIAS	196.6	196.54	-0.0558
11	0	CORRELATION	192.16	192.19	0.0331
12	0	CORRELATION	192.89	192.91	0.0197
13	0	CORRELATION	195.8	195.83	0.0262
14	0	CORRELATION	194.88	194.92	0.0411
21	10	LDR BIAS	195.4	195.79	0.3958
22	10	LDR BIAS	195.4	195.44	0.048
23	10	LDR BIAS	193.04	193.44	0.4045
24	10	LDR BIAS	195.33	195.24	-0.0923
25	10	LDR BIAS	195.01	194.82	-0.1873
26	10	LDR UNBIAS	193.8	193.3	-0.5031
27	10	LDR UNBIAS	196.37	196.13	-0.2423
28	10	LDR UNBIAS	197.39	197.66	0.2706
29	10	LDR UNBIAS	197.89	197.5	-0.3913
30	10	LDR UNBIAS	196.6	196.4	-0.2021
31	20	LDR BIAS	195.4	195.8	0.4007
32	20	LDR BIAS	195.4	195.28	-0.118
33	20	LDR BIAS	193.04	193.37	0.3333
34	20	LDR BIAS	195.33	195.09	-0.2407
35	20	LDR BIAS	195.01	194.57	-0.4428
36	20	LDR UNBIAS	193.8	193.09	-0.7077
37	20	LDR UNBIAS	196.37	196.02	-0.3561
38	20	LDR UNBIAS	197.39	197.44	0.0512
39	20	LDR UNBIAS	197.89	197.46	-0.43
40	20	LDR UNBIAS	196.6	196.72	0.1189
41	30	LDR BIAS	195.4	195.84	0.4464
42	30	LDR BIAS	195.4	195.24	-0.1604
43	30	LDR BIAS	193.04	193.27	0.2315
44	30	LDR BIAS	195.33	194.52	-0.8089
45	30	LDR BIAS	195.01	194.77	-0.2346
46	30	LDR UNBIAS	193.8	193.49	-0.3085
47	30	LDR UNBIAS	196.37	195.91	-0.4618
48	30	LDR UNBIAS	197.39	197.56	0.1745
49	30	LDR UNBIAS	197.89	197.73	-0.1629
50	30	LDR UNBIAS	196.6	196.95	0.3534
51	50	LDR BIAS	195.4	196.38	0.9802
52	50	LDR BIAS	195.4	195.39	-0.0116
53	50	LDR BIAS	193.04	193.38	0.3437
54	50	LDR BIAS	195.33	195.37	0.041
55	50	LDR BIAS	195.01	194.99	-0.02
56	50	LDR UNBIAS	193.8	194.18	0.3813
57	50	LDR UNBIAS	196.37	195.83	-0.5443
58	50	LDR UNBIAS	197.39	197.66	0.2703
59	50	LDR UNBIAS	197.89	197.97	0.0777
60	50	LDR UNBIAS	196.6	197.33	0.7325
61	100	LDR BIAS	195.4	197.38	1.9863
62	100	LDR BIAS	195.4	194.7	-0.6958
63	100	LDR BIAS	193.04	193.03	-0.0078
64	100	LDR BIAS	195.33	194.31	-1.0241
65	100	LDR BIAS	195.01	195.45	0.4394
66	100	LDR UNBIAS	193.8	193.18	-0.6168
67	100	LDR UNBIAS	196.37	195.93	-0.4399
68	100	LDR UNBIAS	197.39	197.57	0.1893
69	100	LDR UNBIAS	197.89	197.9	0.0055
70	100	LDR UNBIAS	196.6	193.22	-3.3743

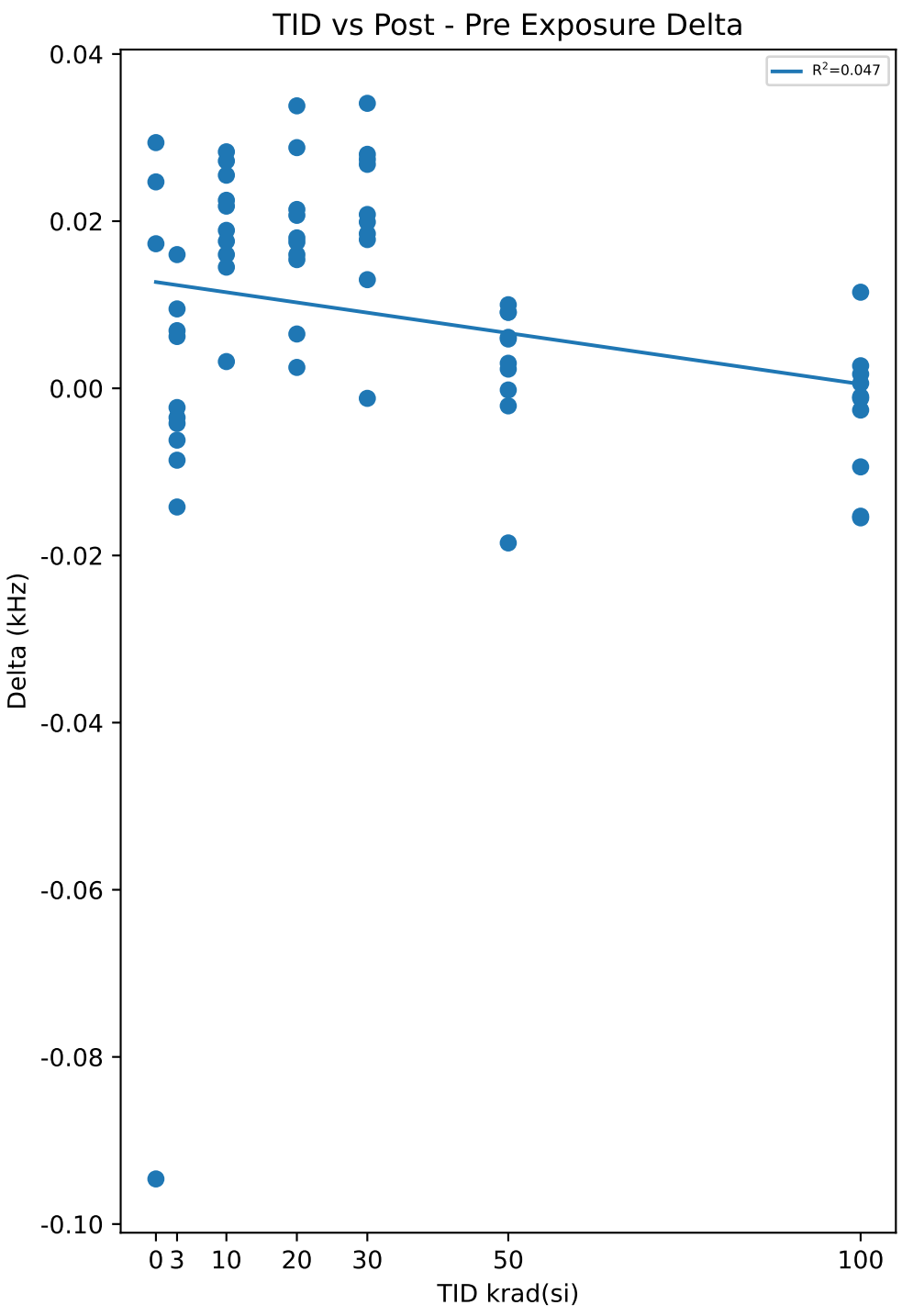


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.16	193.93	195.8	1.696	192.19	193.96	195.83	1.6977	0.0197	0.030025	0.0411	0.0091896
3	193.04	195.62	197.89	1.5035	193.19	195.59	197.82	1.4506	-2.2057	-0.03003	2.1115	1.0249
10	193.04	195.62	197.89	1.5035	193.3	195.57	197.66	1.4724	-0.5031	-0.04995	0.4045	0.31976
20	193.04	195.62	197.89	1.5035	193.09	195.48	197.46	1.5224	-0.7077	-0.13912	0.4007	0.36138
30	193.04	195.62	197.89	1.5035	193.27	195.53	197.73	1.5693	-0.8089	-0.09313	0.4464	0.39321
50	193.04	195.62	197.89	1.5035	193.38	195.85	197.97	1.5017	-0.5443	0.22508	0.9802	0.42581
100	193.04	195.62	197.89	1.5035	193.03	195.27	197.9	1.8848	-3.3743	-0.35382	1.9863	1.3505

Device Test: 20.32 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/200kHz//@FREQ_SYNC_EXT





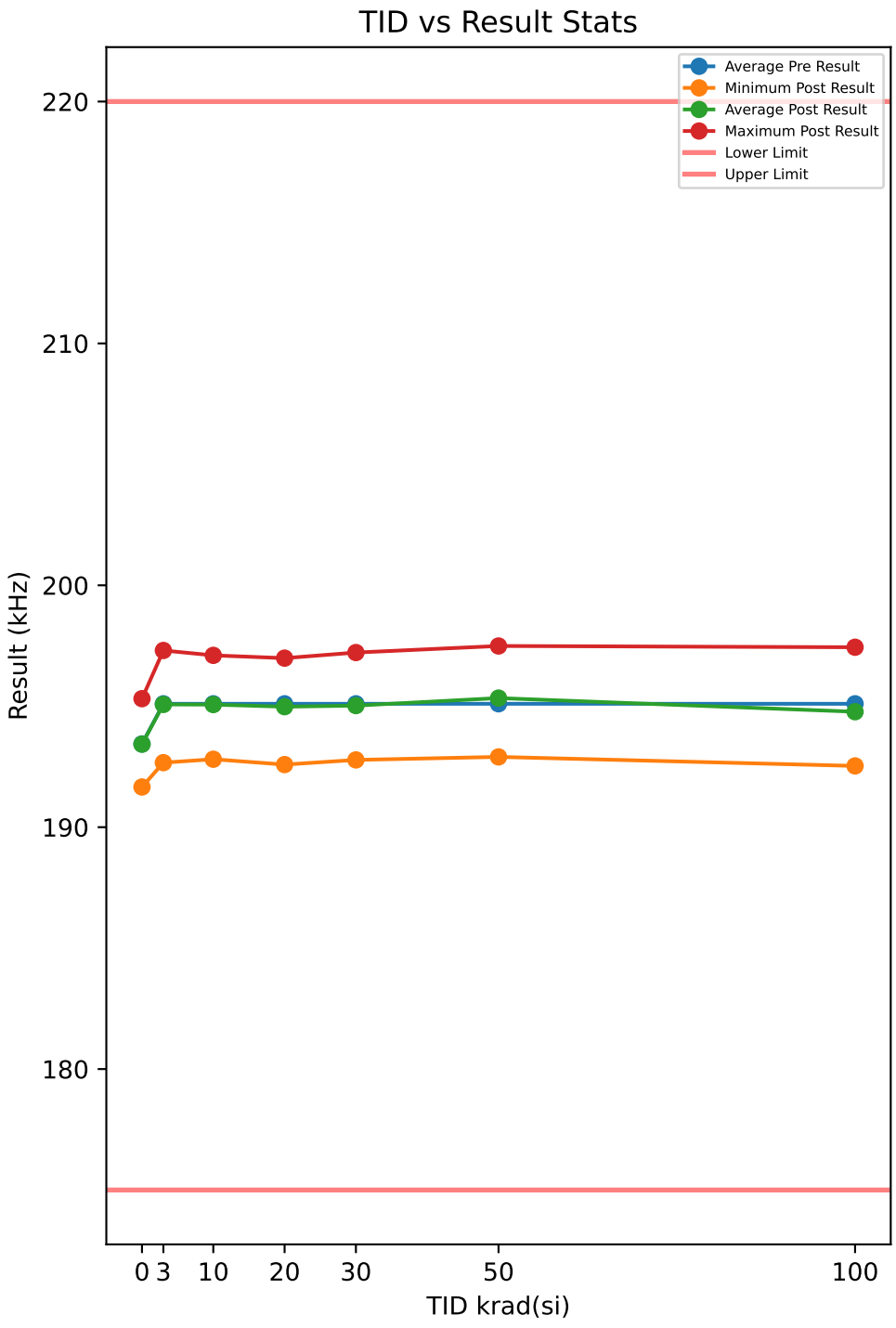
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

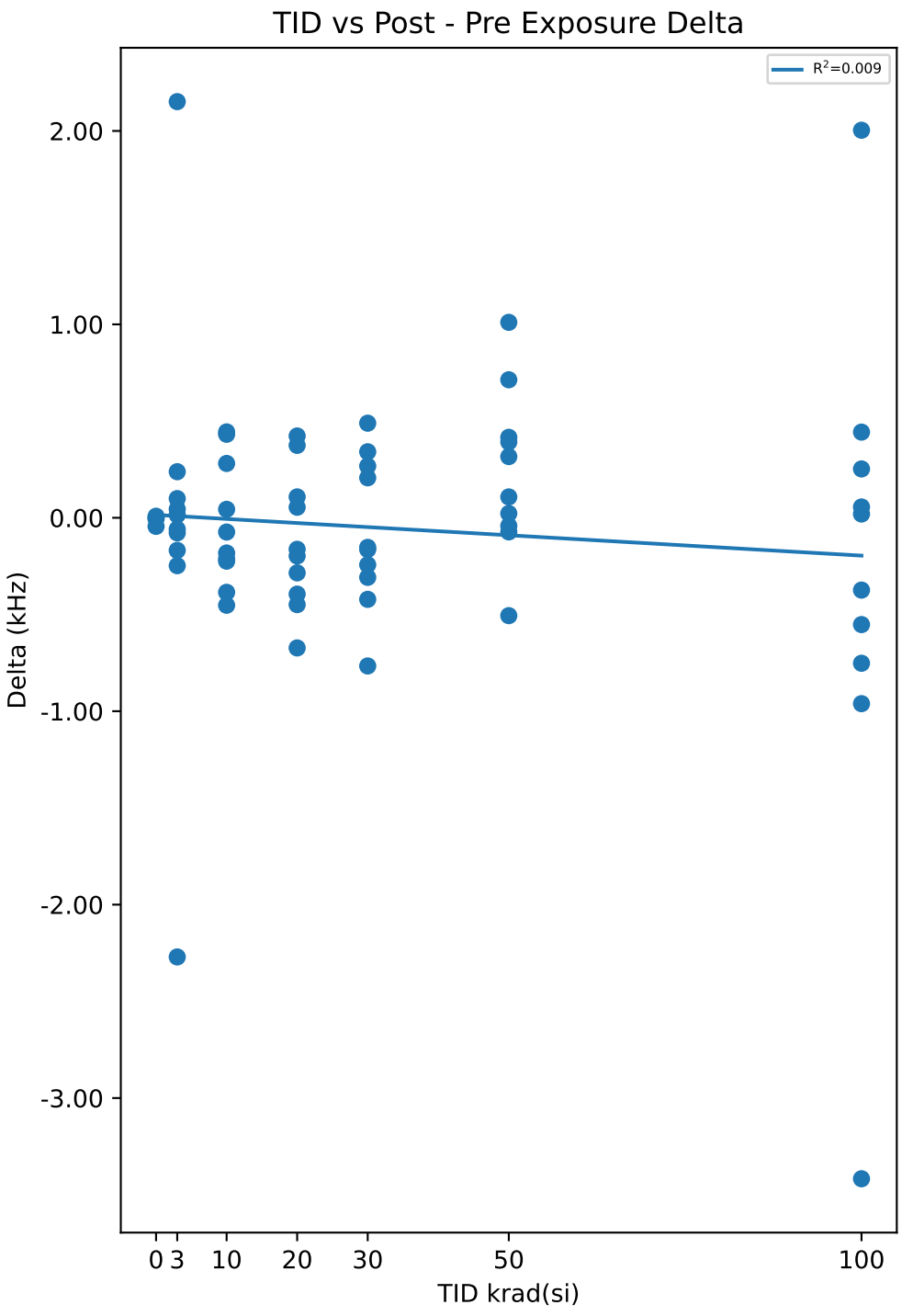
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.99	199.98	-0.0142
2	3	LDR BIAS	199.98	199.97	-0.0086
3	3	LDR BIAS	199.97	199.97	-0.0035
4	3	LDR BIAS	199.97	199.98	0.0069
5	3	LDR BIAS	199.99	200	0.0095
6	3	LDR UNBIAS	199.98	199.97	-0.0042
7	3	LDR UNBIAS	199.98	199.97	-0.0062
8	3	LDR UNBIAS	199.97	199.98	0.0062
9	3	LDR UNBIAS	199.98	200	0.016
10	3	LDR UNBIAS	199.98	199.98	-0.0023
11	0	CORRELATION	199.97	199.88	-0.0946
12	0	CORRELATION	199.97	200	0.0294
13	0	CORRELATION	199.98	200	0.0247
14	0	CORRELATION	199.98	199.99	0.0173
21	10	LDR BIAS	199.99	200	0.0032
22	10	LDR BIAS	199.98	200	0.0176
23	10	LDR BIAS	199.97	200	0.0272
24	10	LDR BIAS	199.97	200	0.0218
25	10	LDR BIAS	199.99	200	0.016
26	10	LDR UNBIAS	199.98	200.01	0.0283
27	10	LDR UNBIAS	199.98	200	0.0255
28	10	LDR UNBIAS	199.97	200	0.0225
29	10	LDR UNBIAS	199.98	200	0.0145
30	10	LDR UNBIAS	199.98	200	0.0189
31	20	LDR BIAS	199.99	200	0.0025
32	20	LDR BIAS	199.98	200	0.0154
33	20	LDR BIAS	199.97	200	0.0338
34	20	LDR BIAS	199.97	199.99	0.0207
35	20	LDR BIAS	199.99	199.99	0.0065
36	20	LDR UNBIAS	199.98	200	0.018
37	20	LDR UNBIAS	199.98	200.01	0.0288
38	20	LDR UNBIAS	199.97	200	0.0214
39	20	LDR UNBIAS	199.98	200	0.0175
40	20	LDR UNBIAS	199.98	199.99	0.016
41	30	LDR BIAS	199.99	199.99	-0.0012
42	30	LDR BIAS	199.98	200	0.0185
43	30	LDR BIAS	199.97	200	0.0341
44	30	LDR BIAS	199.97	199.99	0.0208
45	30	LDR BIAS	199.99	200	0.013
46	30	LDR UNBIAS	199.98	200	0.0268
47	30	LDR UNBIAS	199.98	200	0.028
48	30	LDR UNBIAS	199.97	200	0.0274
49	30	LDR UNBIAS	199.98	200	0.0178
50	30	LDR UNBIAS	199.98	200	0.0199
51	50	LDR BIAS	199.99	199.98	-0.0185
52	50	LDR BIAS	199.98	199.98	0.003
53	50	LDR BIAS	199.97	199.98	0.0091
54	50	LDR BIAS	199.97	199.98	0.01
55	50	LDR BIAS	199.99	199.99	-0.0002
56	50	LDR UNBIAS	199.98	199.98	-0.0021
57	50	LDR UNBIAS	199.98	199.98	0.0061
58	50	LDR UNBIAS	199.97	199.98	0.0091
59	50	LDR UNBIAS	199.98	199.98	0.0023
60	50	LDR UNBIAS	199.98	199.98	0.0059
61	100	LDR BIAS	199.99	199.98	-0.0155
62	100	LDR BIAS	199.98	199.98	-0.0012
63	100	LDR BIAS	199.97	199.98	0.0115
64	100	LDR BIAS	199.97	199.97	0.0006
65	100	LDR BIAS	199.99	199.97	-0.0153
66	100	LDR UNBIAS	199.98	199.98	0.0027
67	100	LDR UNBIAS	199.98	199.97	-0.0026
68	100	LDR UNBIAS	199.97	199.97	-0.001
69	100	LDR UNBIAS	199.98	199.97	-0.0094
70	100	LDR UNBIAS	199.98	199.98	0.0017

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	199.98	0.0017858	199.88	199.97	200	0.0604	-0.0946	-0.0058	0.0294	0.059409
3	199.97	199.98	199.99	0.0071239	199.97	199.98	200	0.010491	-0.0142	-4e-05	0.016	0.0093185
10	199.97	199.98	199.99	0.0071239	200	200	200.01	0.0035723	0.0032	0.01955	0.0283	0.007408
20	199.97	199.98	199.99	0.0071239	199.99	200	200.01	0.0042517	0.0025	0.01806	0.0338	0.0092412
30	199.97	199.98	199.99	0.0071239	199.99	200	200	0.0039775	-0.0012	0.02051	0.0341	0.0098172
50	199.97	199.98	199.99	0.0071239	199.98	199.98	199.99	0.0035528	-0.0185	0.00247	0.01	0.0084171
100	199.97	199.98	199.99	0.0071239	199.97	199.98	199.98	0.0037168	-0.0155	-0.00285	0.0115	0.0083896

Device Test: 20.33 LEVEL|FREQ/RT/5/5/0/0/5/200kHz//@FSW_EXT_RT_B





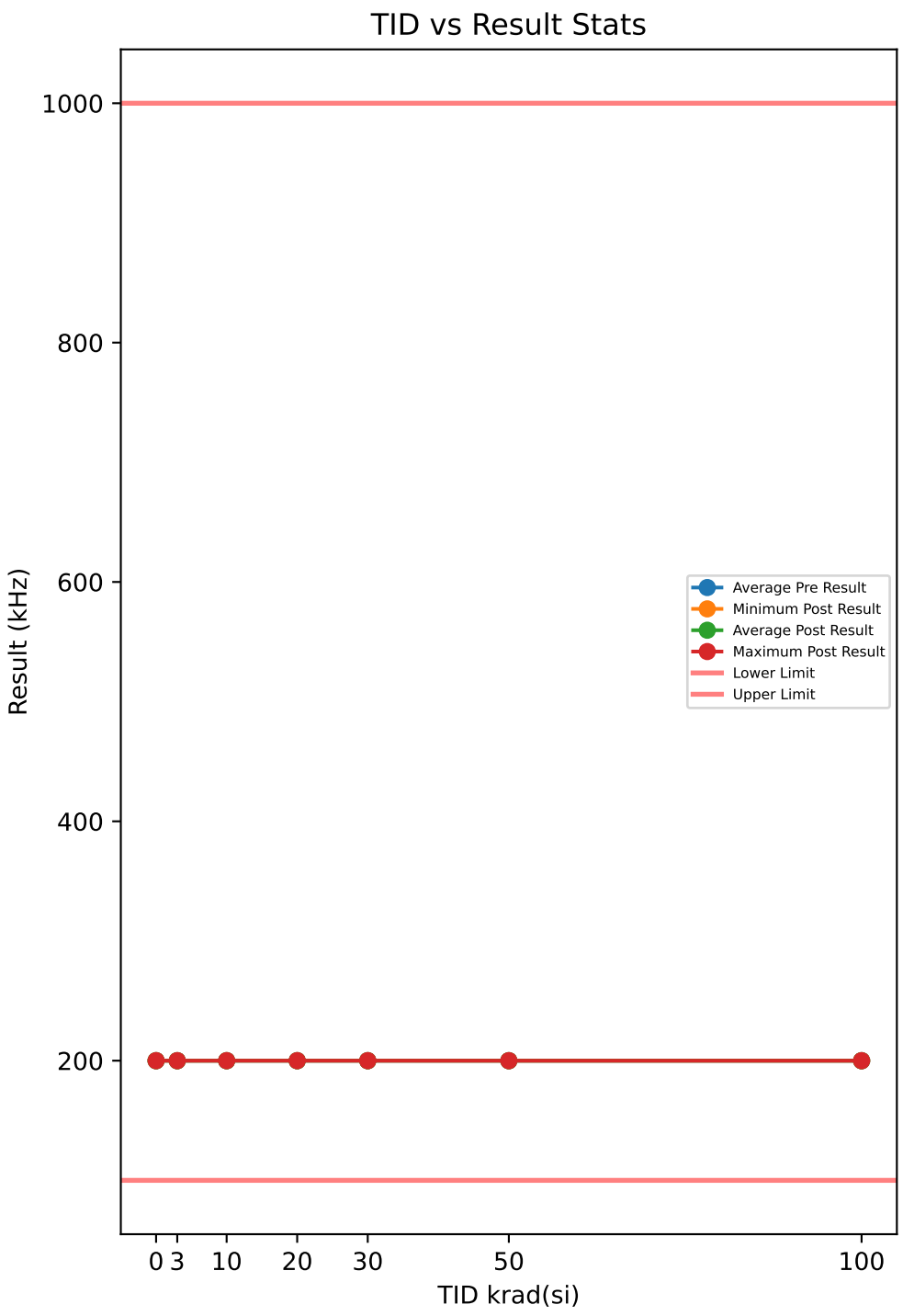
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

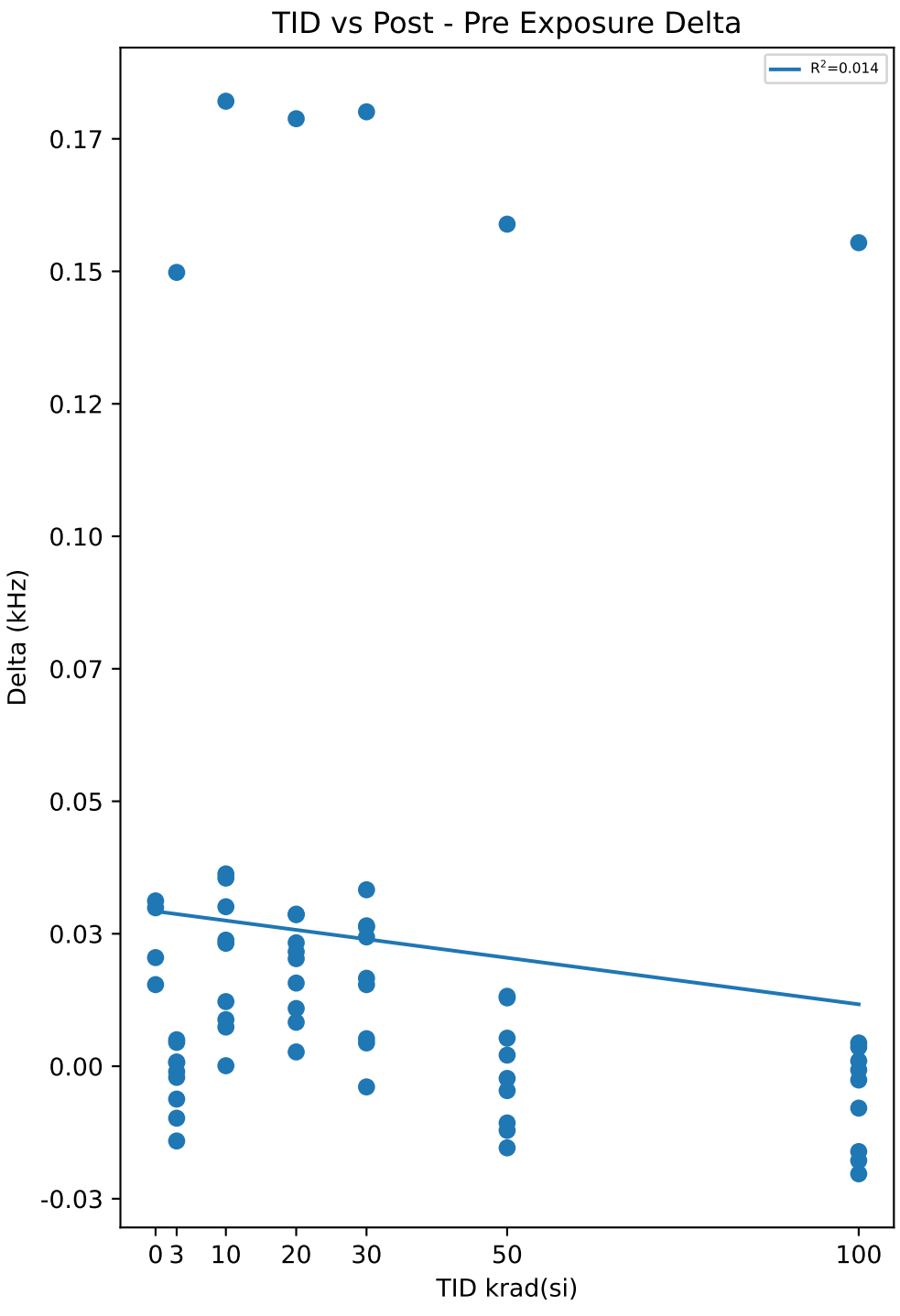
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	194.89	195.12	0.2382
2	3	LDR BIAS	194.94	192.67	-2.2705
3	3	LDR BIAS	192.51	194.66	2.1515
4	3	LDR BIAS	194.78	194.54	-0.2476
5	3	LDR BIAS	194.52	194.56	0.0452
6	3	LDR UNBIAS	193.26	193.36	0.0992
7	3	LDR UNBIAS	195.82	195.66	-0.1684
8	3	LDR UNBIAS	196.82	196.84	0.0149
9	3	LDR UNBIAS	197.38	197.31	-0.0779
10	3	LDR UNBIAS	196.08	196.03	-0.0588
11	0	CORRELATION	191.67	191.66	-0.0052
12	0	CORRELATION	192.42	192.37	-0.0444
13	0	CORRELATION	195.31	195.31	-0.0008
14	0	CORRELATION	194.37	194.38	0.008
21	10	LDR BIAS	194.89	195.33	0.444
22	10	LDR BIAS	194.94	194.98	0.0437
23	10	LDR BIAS	192.51	192.95	0.4317
24	10	LDR BIAS	194.78	194.71	-0.0737
25	10	LDR BIAS	194.52	194.33	-0.1821
26	10	LDR UNBIAS	193.26	192.81	-0.4522
27	10	LDR UNBIAS	195.82	195.6	-0.2243
28	10	LDR UNBIAS	196.82	197.1	0.2809
29	10	LDR UNBIAS	197.38	197	-0.3853
30	10	LDR UNBIAS	196.08	195.87	-0.2115
31	20	LDR BIAS	194.89	195.31	0.4229
32	20	LDR BIAS	194.94	194.78	-0.163
33	20	LDR BIAS	192.51	192.89	0.3744
34	20	LDR BIAS	194.78	194.59	-0.1973
35	20	LDR BIAS	194.52	194.07	-0.449
36	20	LDR UNBIAS	193.26	192.59	-0.6729
37	20	LDR UNBIAS	195.82	195.54	-0.2848
38	20	LDR UNBIAS	196.82	196.88	0.0545
39	20	LDR UNBIAS	197.38	196.99	-0.3947
40	20	LDR UNBIAS	196.08	196.19	0.1079
41	30	LDR BIAS	194.89	195.38	0.4891
42	30	LDR BIAS	194.94	194.79	-0.1529
43	30	LDR BIAS	192.51	192.78	0.2674
44	30	LDR BIAS	194.78	194.02	-0.7661
45	30	LDR BIAS	194.52	194.27	-0.2429
46	30	LDR UNBIAS	193.26	192.95	-0.308
47	30	LDR UNBIAS	195.82	195.4	-0.4217
48	30	LDR UNBIAS	196.82	197.03	0.2067
49	30	LDR UNBIAS	197.38	197.22	-0.1638
50	30	LDR UNBIAS	196.08	196.43	0.3412
51	50	LDR BIAS	194.89	195.9	1.0105
52	50	LDR BIAS	194.94	194.87	-0.073
53	50	LDR BIAS	192.51	192.91	0.3918
54	50	LDR BIAS	194.78	194.81	0.0223
55	50	LDR BIAS	194.52	194.47	-0.0418
56	50	LDR UNBIAS	193.26	193.68	0.4161
57	50	LDR UNBIAS	195.82	195.32	-0.506
58	50	LDR UNBIAS	196.82	197.14	0.3164
59	50	LDR UNBIAS	197.38	197.49	0.1078
60	50	LDR UNBIAS	196.08	196.8	0.7135
61	100	LDR BIAS	194.89	196.89	2.0037
62	100	LDR BIAS	194.94	194.19	-0.7521
63	100	LDR BIAS	192.51	192.53	0.0195
64	100	LDR BIAS	194.78	193.82	-0.961
65	100	LDR BIAS	194.52	194.96	0.4429
66	100	LDR UNBIAS	193.26	192.71	-0.5521
67	100	LDR UNBIAS	195.82	195.45	-0.3738
68	100	LDR UNBIAS	196.82	197.08	0.2525
69	100	LDR UNBIAS	197.38	197.44	0.0558
70	100	LDR UNBIAS	196.08	192.67	-3.4172

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	191.67	193.44	195.31	1.6895	191.66	193.43	195.31	1.7016	-0.0444	-0.0106	0.008	0.023192
3	192.51	195.1	197.38	1.5004	192.67	195.07	197.31	1.4445	-2.2705	-0.02742	2.1515	1.0512
10	192.51	195.1	197.38	1.5004	192.81	195.07	197.1	1.4588	-0.4522	-0.03288	0.444	0.32319
20	192.51	195.1	197.38	1.5004	192.59	194.98	196.99	1.5148	-0.6729	-0.1202	0.4229	0.35683
30	192.51	195.1	197.38	1.5004	192.78	195.03	197.22	1.5644	-0.7661	-0.0751	0.4891	0.3919
50	192.51	195.1	197.38	1.5004	192.91	195.34	197.49	1.5001	-0.506	0.23576	1.0105	0.43158
100	192.51	195.1	197.38	1.5004	192.53	194.77	197.44	1.8957	-3.4172	-0.32818	2.0037	1.3668

Device Test: 20.34 LEVEL|FREQ/SYNC/5/5/0/0/5/200kHz//@FREQ_SYNC_EXT





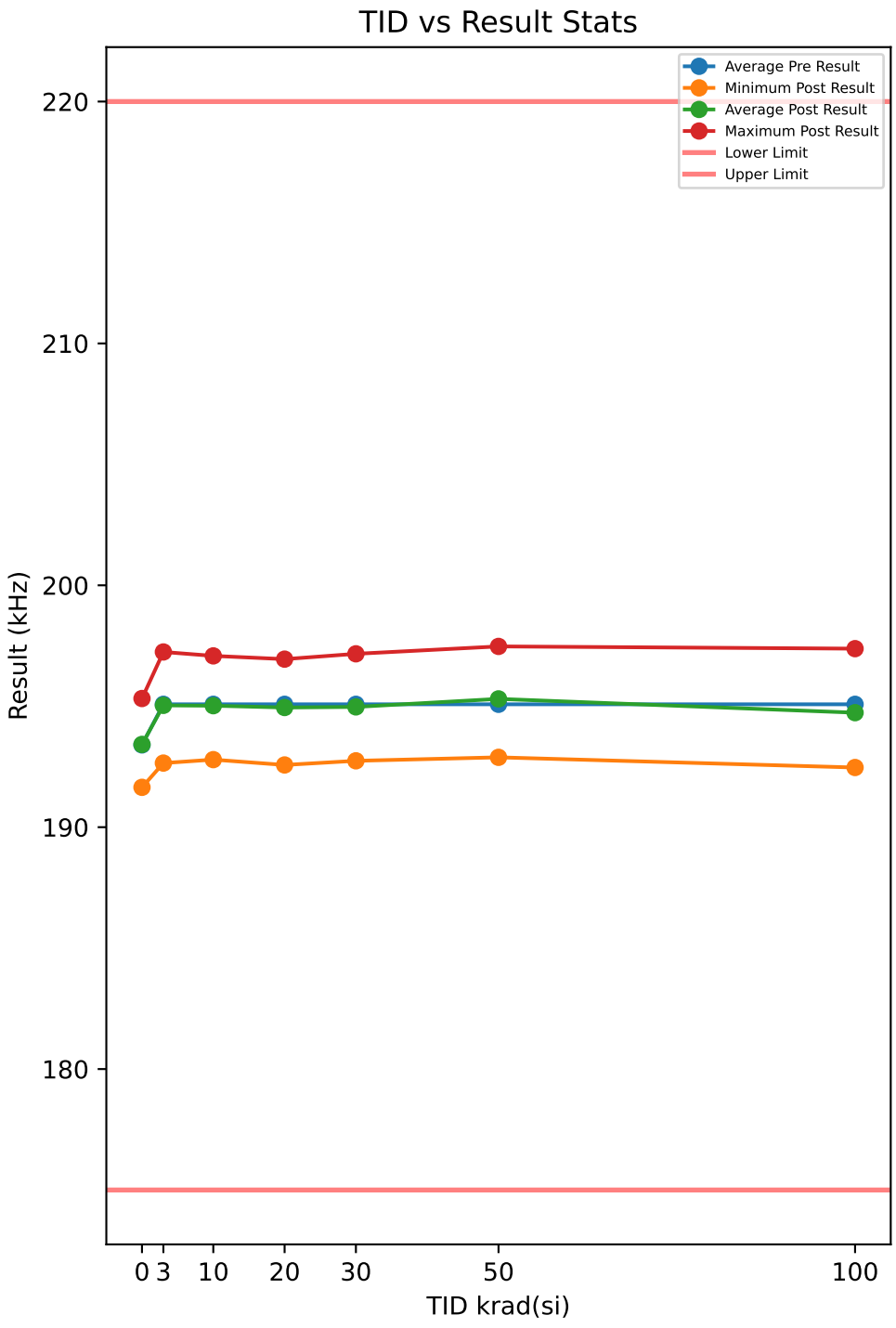
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.99	199.98	-0.0098
2	3	LDR BIAS	199.98	199.98	-0.001
3	3	LDR BIAS	199.97	199.97	0.0045
4	3	LDR BIAS	199.98	199.98	0.0008
5	3	LDR BIAS	200	199.99	-0.0062
6	3	LDR UNBIAS	199.82	199.97	0.1498
7	3	LDR UNBIAS	199.97	199.98	0.005
8	3	LDR UNBIAS	199.97	199.97	0.0007
9	3	LDR UNBIAS	199.99	199.98	-0.0141
10	3	LDR UNBIAS	199.98	199.98	-0.0021
11	0	CORRELATION	199.97	200	0.0312
12	0	CORRELATION	199.97	200	0.0299
13	0	CORRELATION	199.98	200	0.0205
14	0	CORRELATION	199.98	199.99	0.0154
21	10	LDR BIAS	199.99	200	0.0088
22	10	LDR BIAS	199.98	200	0.0232
23	10	LDR BIAS	199.97	200.01	0.0363
24	10	LDR BIAS	199.98	200	0.0238
25	10	LDR BIAS	200	200	0.0001
26	10	LDR UNBIAS	199.82	200.01	0.1821
27	10	LDR UNBIAS	199.97	200.01	0.0355
28	10	LDR UNBIAS	199.97	200	0.0301
29	10	LDR UNBIAS	199.99	200	0.0074
30	10	LDR UNBIAS	199.98	199.99	0.0122
31	20	LDR BIAS	199.99	200	0.0109
32	20	LDR BIAS	199.98	200	0.0216
33	20	LDR BIAS	199.97	200	0.0287
34	20	LDR BIAS	199.98	200	0.0157
35	20	LDR BIAS	200	200	0.0027
36	20	LDR UNBIAS	199.82	200	0.1788
37	20	LDR UNBIAS	199.97	200	0.0286
38	20	LDR UNBIAS	199.97	199.99	0.0203
39	20	LDR UNBIAS	199.99	200	0.0083
40	20	LDR UNBIAS	199.98	200	0.0233
41	30	LDR BIAS	199.99	199.99	0.0044
42	30	LDR BIAS	199.98	200	0.0244
43	30	LDR BIAS	199.97	200	0.0265
44	30	LDR BIAS	199.98	199.99	0.0154
45	30	LDR BIAS	200	199.99	-0.0039
46	30	LDR UNBIAS	199.82	200	0.1801
47	30	LDR UNBIAS	199.97	200	0.0333
48	30	LDR UNBIAS	199.97	200	0.0263
49	30	LDR UNBIAS	199.99	200	0.0052
50	30	LDR UNBIAS	199.98	200	0.0166
51	50	LDR BIAS	199.99	199.98	-0.0121
52	50	LDR BIAS	199.98	199.99	0.0053
53	50	LDR BIAS	199.97	199.98	0.0129
54	50	LDR BIAS	199.98	199.98	-0.0023
55	50	LDR BIAS	200	199.98	-0.0154
56	50	LDR UNBIAS	199.82	199.98	0.1589
57	50	LDR UNBIAS	199.97	199.98	0.0132
58	50	LDR UNBIAS	199.97	199.98	0.0021
59	50	LDR UNBIAS	199.99	199.98	-0.0107
60	50	LDR UNBIAS	199.98	199.98	-0.0046
61	100	LDR BIAS	199.99	199.97	-0.0178
62	100	LDR BIAS	199.98	199.98	0.001
63	100	LDR BIAS	199.97	199.97	0.0044
64	100	LDR BIAS	199.98	199.98	-0.0007
65	100	LDR BIAS	200	199.98	-0.0161
66	100	LDR UNBIAS	199.82	199.98	0.1554
67	100	LDR UNBIAS	199.97	199.97	0.0036
68	100	LDR UNBIAS	199.97	199.97	-0.0026
69	100	LDR UNBIAS	199.99	199.97	-0.0203
70	100	LDR UNBIAS	199.98	199.97	-0.0079

Test Statistics (kHz)

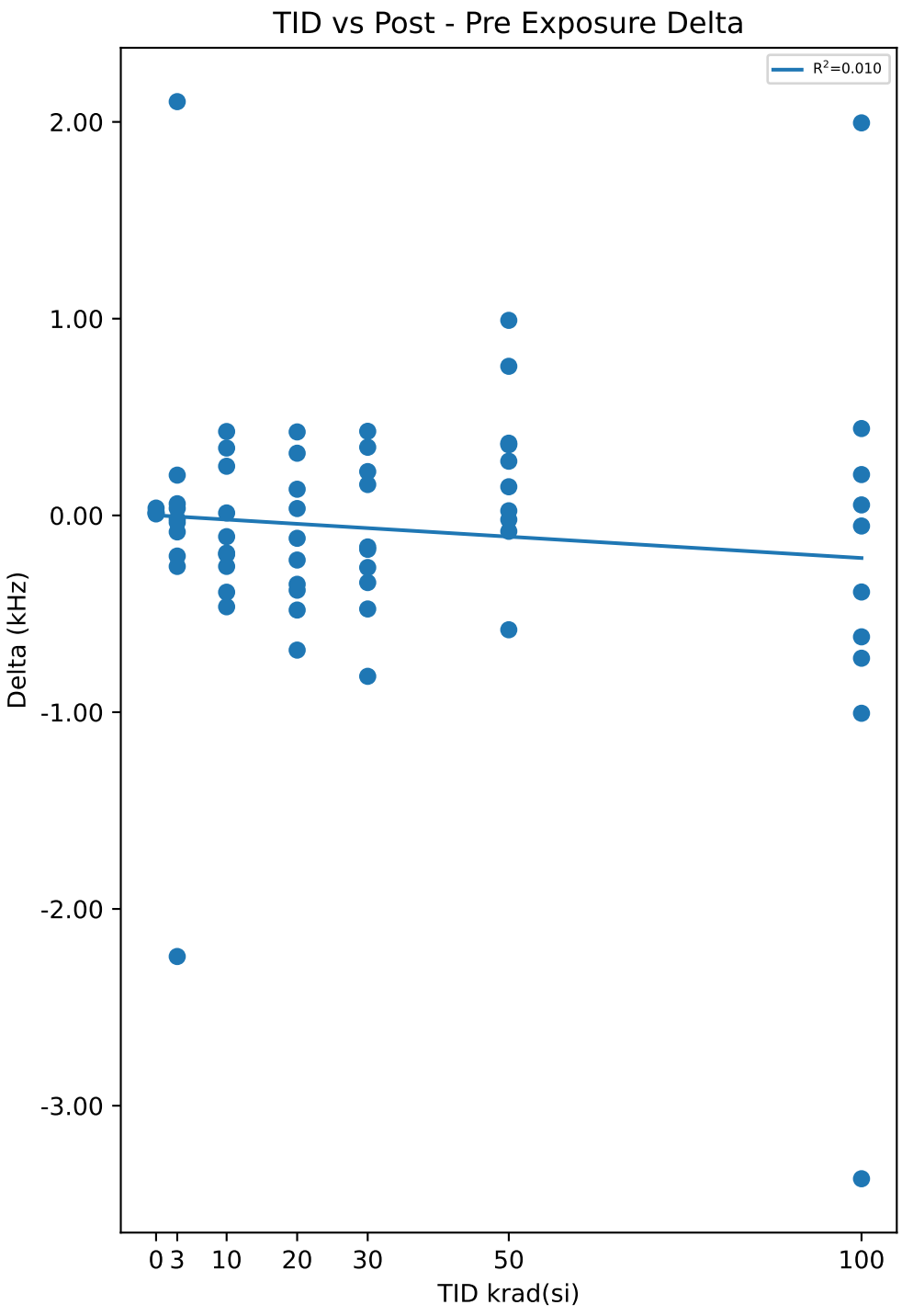
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	199.98	0.005755	199.99	200	200	0.004347	0.0154	0.02425	0.0312	0.0075853
3	199.82	199.97	200	0.050685	199.97	199.98	199.99	0.0051377	-0.0141	0.01276	0.1498	0.048531
10	199.82	199.97	200	0.050685	199.99	200	200.01	0.0044212	0.0001	0.03595	0.1821	0.052816
20	199.82	199.97	200	0.050685	199.99	200	200	0.0031322	0.0027	0.03389	0.1788	0.051628
30	199.82	199.97	200	0.050685	199.99	200	200	0.0043665	-0.0039	0.03283	0.1801	0.053052
50	199.82	199.97	200	0.050685	199.98	199.98	199.99	0.003554	-0.0154	0.01473	0.1589	0.051615
100	199.82	199.97	200	0.050685	199.97	199.98	199.98	0.0041259	-0.0203	0.0099	0.1554	0.051919

Device Test: 20.35 LEVEL|FREQ/RT/12/12/0/0/5/200kHz//@FSW_EXT_RT_B



Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

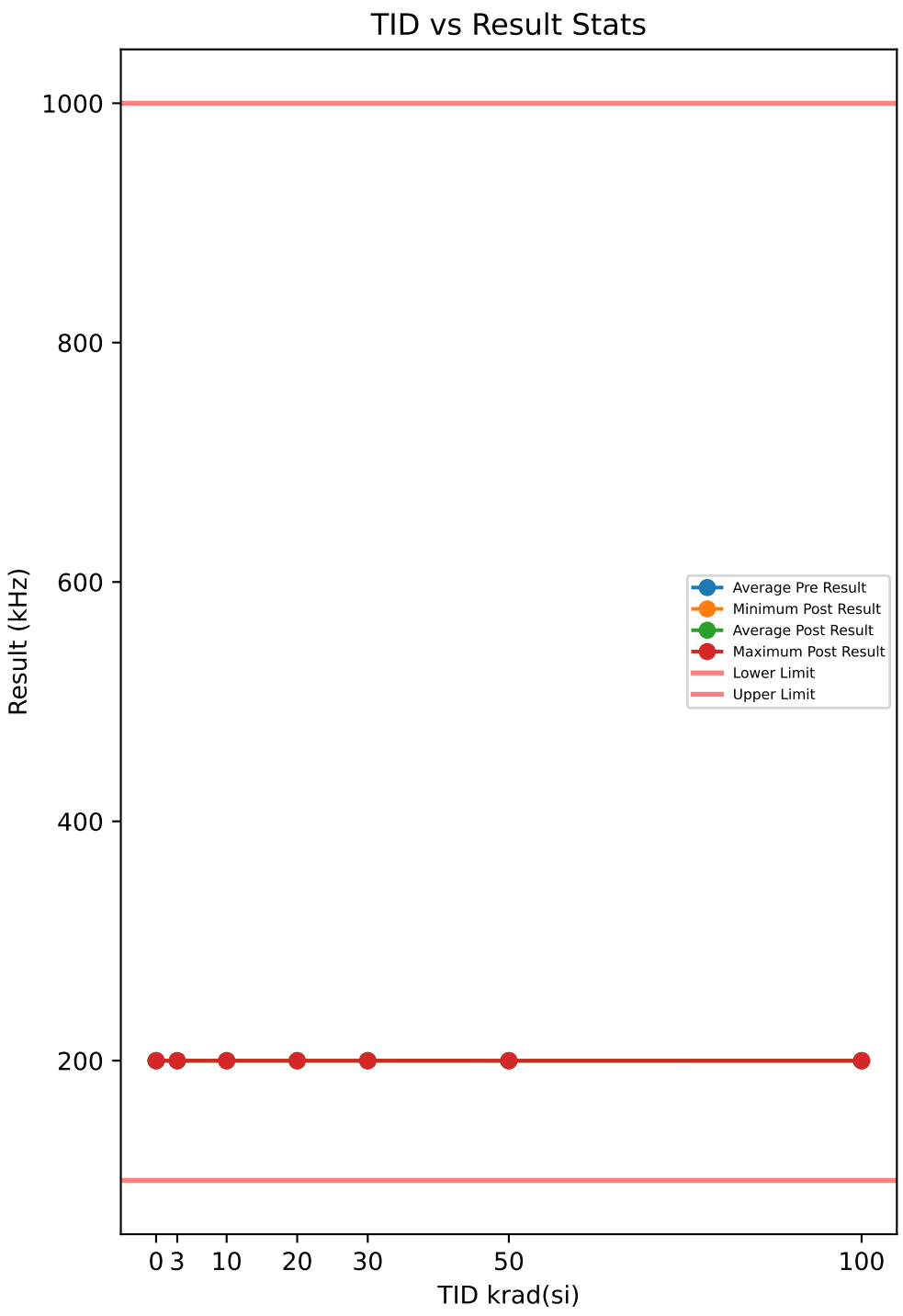
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	194.85	195.06	0.2047
2	3	LDR BIAS	194.89	192.65	-2.2418
3	3	LDR BIAS	192.52	194.62	2.103
4	3	LDR BIAS	194.78	194.53	-0.2593
5	3	LDR BIAS	194.49	194.53	0.0358
6	3	LDR UNBIAS	193.26	193.32	0.0594
7	3	LDR UNBIAS	195.81	195.61	-0.2066
8	3	LDR UNBIAS	196.83	196.81	-0.0191
9	3	LDR UNBIAS	197.33	197.24	-0.0838
10	3	LDR UNBIAS	196.03	196	-0.0357
11	0	CORRELATION	191.64	191.65	0.0077
12	0	CORRELATION	192.35	192.36	0.0111
13	0	CORRELATION	195.28	195.32	0.0373
14	0	CORRELATION	194.33	194.35	0.0172
21	10	LDR BIAS	194.85	195.28	0.4264
22	10	LDR BIAS	194.89	194.9	0.0126
23	10	LDR BIAS	192.52	192.86	0.3423
24	10	LDR BIAS	194.78	194.68	-0.1079
25	10	LDR BIAS	194.49	194.3	-0.1915
26	10	LDR UNBIAS	193.26	192.79	-0.4643
27	10	LDR UNBIAS	195.81	195.55	-0.2591
28	10	LDR UNBIAS	196.83	197.08	0.2499
29	10	LDR UNBIAS	197.33	196.94	-0.3902
30	10	LDR UNBIAS	196.03	195.84	-0.1978
31	20	LDR BIAS	194.85	195.28	0.4244
32	20	LDR BIAS	194.89	194.78	-0.1163
33	20	LDR BIAS	192.52	192.84	0.3161
34	20	LDR BIAS	194.78	194.56	-0.2268
35	20	LDR BIAS	194.49	194.01	-0.4809
36	20	LDR UNBIAS	193.26	192.57	-0.6845
37	20	LDR UNBIAS	195.81	195.46	-0.35
38	20	LDR UNBIAS	196.83	196.87	0.0349
39	20	LDR UNBIAS	197.33	196.95	-0.3801
40	20	LDR UNBIAS	196.03	196.17	0.1331
41	30	LDR BIAS	194.85	195.28	0.4275
42	30	LDR BIAS	194.89	194.72	-0.1724
43	30	LDR BIAS	192.52	192.74	0.2228
44	30	LDR BIAS	194.78	193.97	-0.8178
45	30	LDR BIAS	194.49	194.23	-0.2648
46	30	LDR UNBIAS	193.26	192.92	-0.3412
47	30	LDR UNBIAS	195.81	195.34	-0.4755
48	30	LDR UNBIAS	196.83	196.99	0.157
49	30	LDR UNBIAS	197.33	197.17	-0.1602
50	30	LDR UNBIAS	196.03	196.38	0.3464
51	50	LDR BIAS	194.85	195.84	0.9914
52	50	LDR BIAS	194.89	194.87	-0.0214
53	50	LDR BIAS	192.52	192.89	0.3671
54	50	LDR BIAS	194.78	194.81	0.0235
55	50	LDR BIAS	194.49	194.41	-0.0807
56	50	LDR UNBIAS	193.26	193.62	0.3592
57	50	LDR UNBIAS	195.81	195.23	-0.5812
58	50	LDR UNBIAS	196.83	197.11	0.2755
59	50	LDR UNBIAS	197.33	197.47	0.1456
60	50	LDR UNBIAS	196.03	196.79	0.7579
61	100	LDR BIAS	194.85	196.85	1.9951
62	100	LDR BIAS	194.89	194.17	-0.7258
63	100	LDR BIAS	192.52	192.47	-0.0538
64	100	LDR BIAS	194.78	193.78	-1.0056
65	100	LDR BIAS	194.49	194.93	0.4415
66	100	LDR UNBIAS	193.26	192.64	-0.6171
67	100	LDR UNBIAS	195.81	195.42	-0.3892
68	100	LDR UNBIAS	196.83	197.04	0.2076
69	100	LDR UNBIAS	197.33	197.38	0.0534
70	100	LDR UNBIAS	196.03	192.66	-3.3713



Test Statistics (kHz)

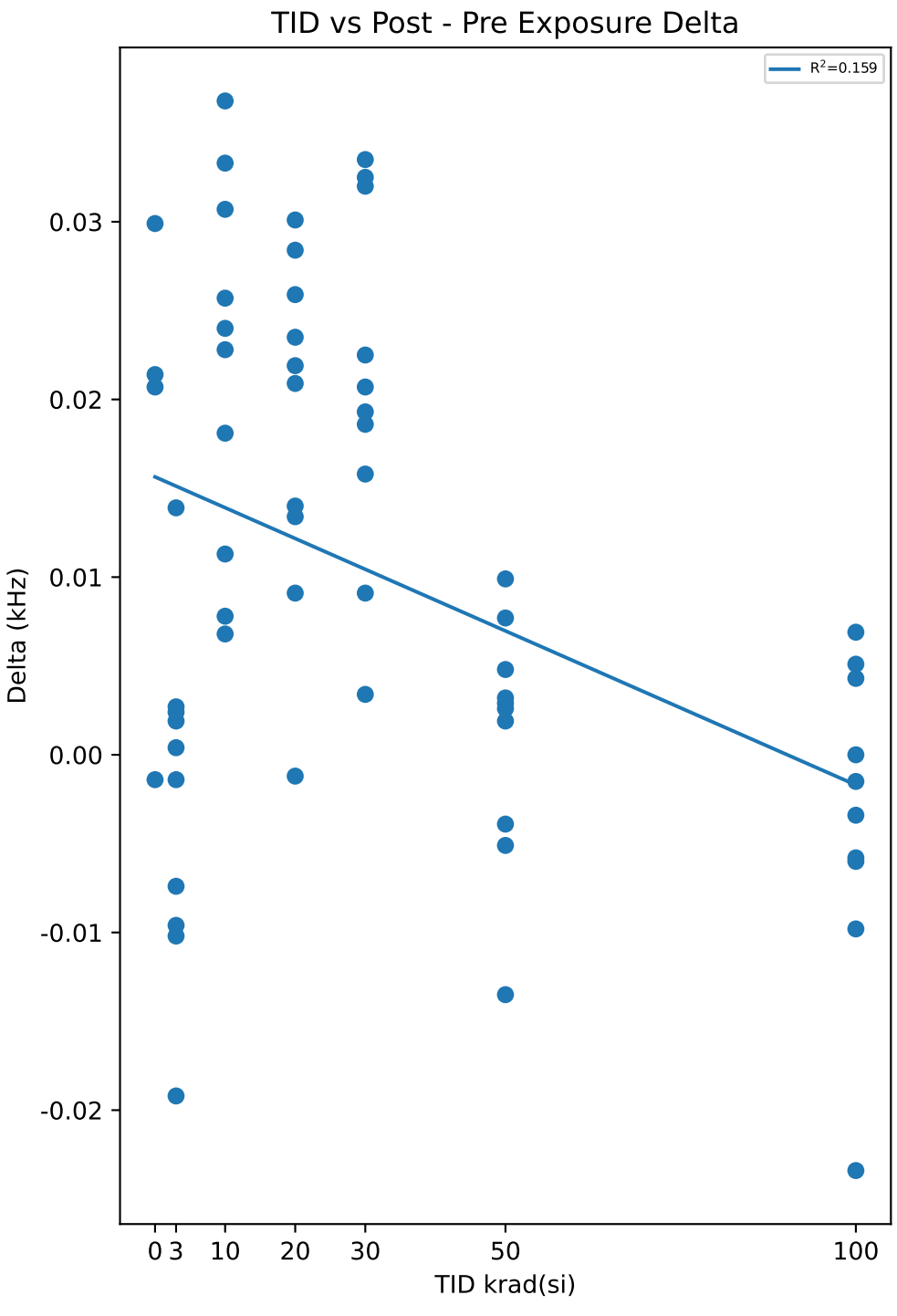
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	191.64	193.4	195.28	1.6942	191.65	193.42	195.32	1.7062	0.0077	0.018325	0.0373	0.013246
3	192.52	195.08	197.33	1.4892	192.65	195.04	197.24	1.4384	-2.2418	-0.04434	2.103	1.0325
10	192.52	195.08	197.33	1.4892	192.79	195.02	197.08	1.4609	-0.4643	-0.05796	0.4264	0.30739
20	192.52	195.08	197.33	1.4892	192.57	194.95	196.95	1.5165	-0.6845	-0.13301	0.4244	0.35805
30	192.52	195.08	197.33	1.4892	192.74	194.97	197.17	1.5607	-0.8178	-0.10782	0.4275	0.39407
50	192.52	195.08	197.33	1.4892	192.89	195.3	197.47	1.505	-0.5812	0.22369	0.9914	0.44261
100	192.52	195.08	197.33	1.4892	192.47	194.73	197.38	1.8963	-3.3713	-0.34652	1.9951	1.3523

Device Test: 20.36 LEVEL|FREQ/SYNC/12/12/0/0/5/200kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

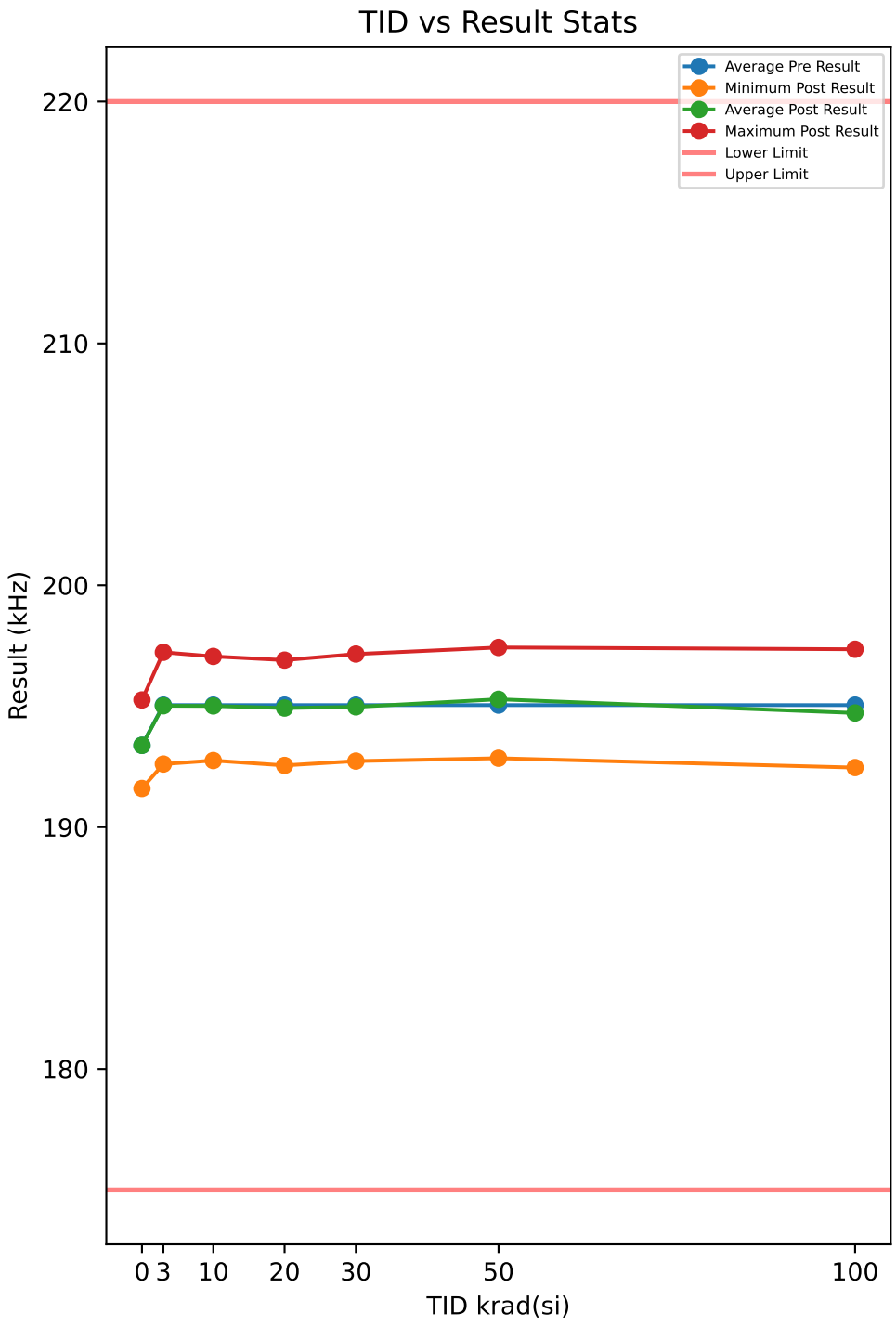
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.98	199.99	0.0139
2	3	LDR BIAS	199.97	199.97	0.0027
3	3	LDR BIAS	199.97	199.97	0.0024
4	3	LDR BIAS	199.97	199.98	0.0019
5	3	LDR BIAS	199.99	199.98	-0.0096
6	3	LDR UNBIAS	199.98	199.97	-0.0074
7	3	LDR UNBIAS	199.97	199.97	-0.0014
8	3	LDR UNBIAS	199.98	199.98	0.0004
9	3	LDR UNBIAS	200	199.98	-0.0192
10	3	LDR UNBIAS	199.98	199.97	-0.0102
11	0	CORRELATION	199.98	200	0.0214
12	0	CORRELATION	199.97	200	0.0299
13	0	CORRELATION	200	200	-0.0014
14	0	CORRELATION	199.98	200	0.0207
21	10	LDR BIAS	199.98	200	0.024
22	10	LDR BIAS	199.97	200	0.0257
23	10	LDR BIAS	199.97	200.01	0.0333
24	10	LDR BIAS	199.97	200	0.0307
25	10	LDR BIAS	199.99	200	0.0068
26	10	LDR UNBIAS	199.98	200	0.0228
27	10	LDR UNBIAS	199.97	200.01	0.0368
28	10	LDR UNBIAS	199.98	200	0.0181
29	10	LDR UNBIAS	200	200	0.0078
30	10	LDR UNBIAS	199.98	199.99	0.0113
31	20	LDR BIAS	199.98	199.99	0.0134
32	20	LDR BIAS	199.97	200	0.0301
33	20	LDR BIAS	199.97	200	0.0259
34	20	LDR BIAS	199.97	200	0.0219
35	20	LDR BIAS	199.99	200	0.0091
36	20	LDR UNBIAS	199.98	200	0.0235
37	20	LDR UNBIAS	199.97	200	0.0284
38	20	LDR UNBIAS	199.98	199.99	0.014
39	20	LDR UNBIAS	200	199.99	-0.0012
40	20	LDR UNBIAS	199.98	200	0.0209
41	30	LDR BIAS	199.98	200	0.0193
42	30	LDR BIAS	199.97	200	0.0325
43	30	LDR BIAS	199.97	200	0.032
44	30	LDR BIAS	199.97	199.99	0.0207
45	30	LDR BIAS	199.99	200	0.0091
46	30	LDR UNBIAS	199.98	200	0.0186
47	30	LDR UNBIAS	199.97	200	0.0335
48	30	LDR UNBIAS	199.98	200	0.0158
49	30	LDR UNBIAS	200	200	0.0034
50	30	LDR UNBIAS	199.98	200	0.0225
51	50	LDR BIAS	199.98	199.98	0.0029
52	50	LDR BIAS	199.97	199.98	0.0099
53	50	LDR BIAS	199.97	199.98	0.0048
54	50	LDR BIAS	199.97	199.98	0.0019
55	50	LDR BIAS	199.99	199.99	-0.0039
56	50	LDR UNBIAS	199.98	199.98	0.0026
57	50	LDR UNBIAS	199.97	199.98	0.0077
58	50	LDR UNBIAS	199.98	199.98	0.0032
59	50	LDR UNBIAS	200	199.98	-0.0135
60	50	LDR UNBIAS	199.98	199.98	-0.0051
61	100	LDR BIAS	199.98	199.97	-0.0058
62	100	LDR BIAS	199.97	199.98	0.0069
63	100	LDR BIAS	199.97	199.97	0
64	100	LDR BIAS	199.97	199.98	0.0043
65	100	LDR BIAS	199.99	199.98	-0.0098
66	100	LDR UNBIAS	199.98	199.97	-0.006
67	100	LDR UNBIAS	199.97	199.97	0.0051
68	100	LDR UNBIAS	199.98	199.98	-0.0015
69	100	LDR UNBIAS	200	199.97	-0.0234
70	100	LDR UNBIAS	199.98	199.98	-0.0034



Test Statistics (kHz)

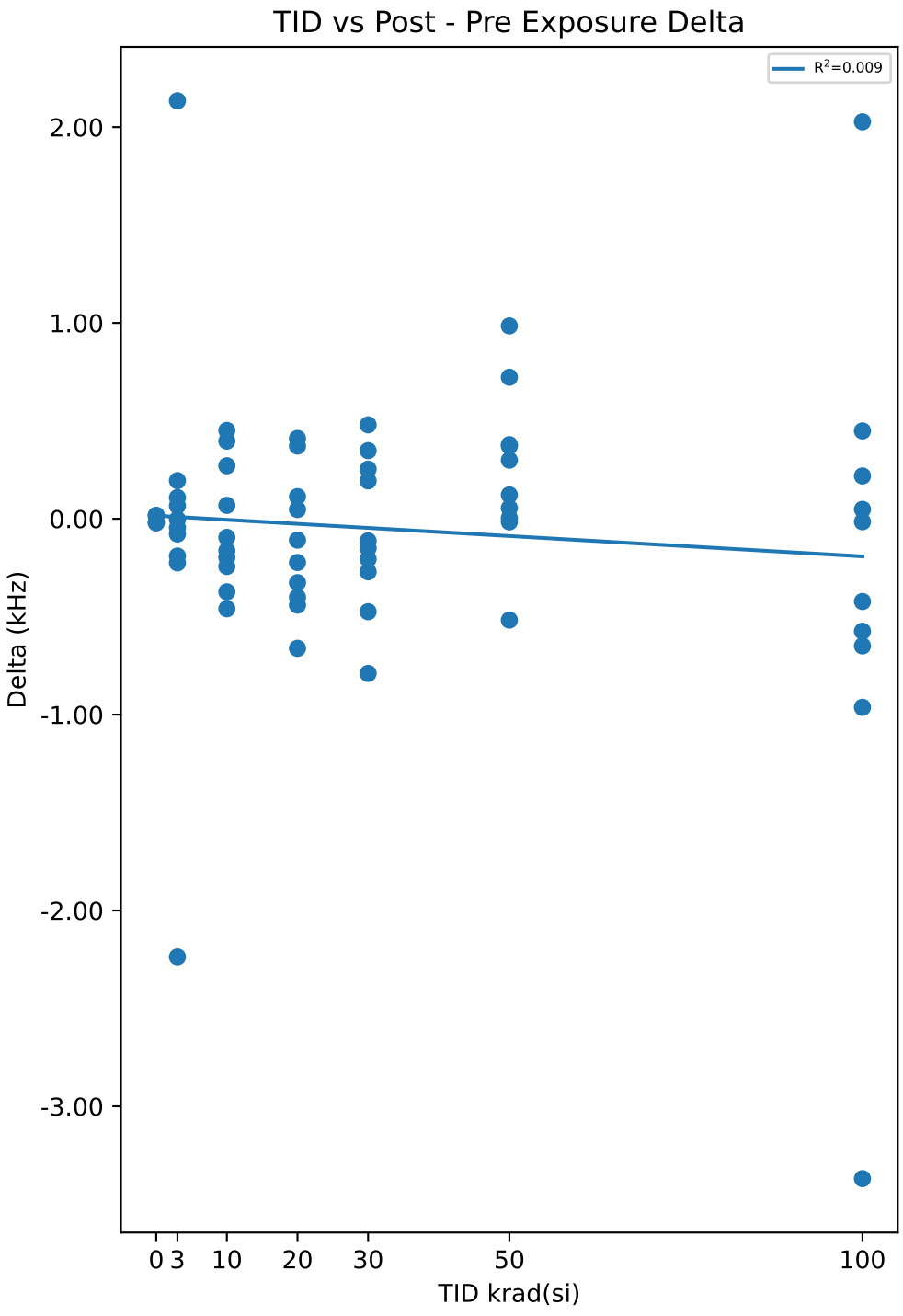
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	200	0.011491	200	200	200	0.0026986	-0.0014	0.01765	0.0299	0.013371
3	199.97	199.98	200	0.0084301	199.97	199.98	199.99	0.0070752	-0.0192	-0.00265	0.0139	0.0091976
10	199.97	199.98	200	0.0084301	199.99	200	200.01	0.0043496	0.0068	0.02173	0.0368	0.010554
20	199.97	199.98	200	0.0084301	199.99	200	200	0.0036551	-0.0012	0.0186	0.0301	0.0097312
30	199.97	199.98	200	0.0084301	199.99	200	200	0.0035304	0.0034	0.02074	0.0335	0.0099901
50	199.97	199.98	200	0.0084301	199.98	199.98	199.99	0.0035659	-0.0135	0.00105	0.0099	0.006846
100	199.97	199.98	200	0.0084301	199.97	199.98	199.98	0.0031804	-0.0234	-0.00336	0.0069	0.0088585

Device Test: 20.37 LEVEL|FREQ/RT/14/14/0/0/5/200kHz//@FSW_EXT_RT_B



Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

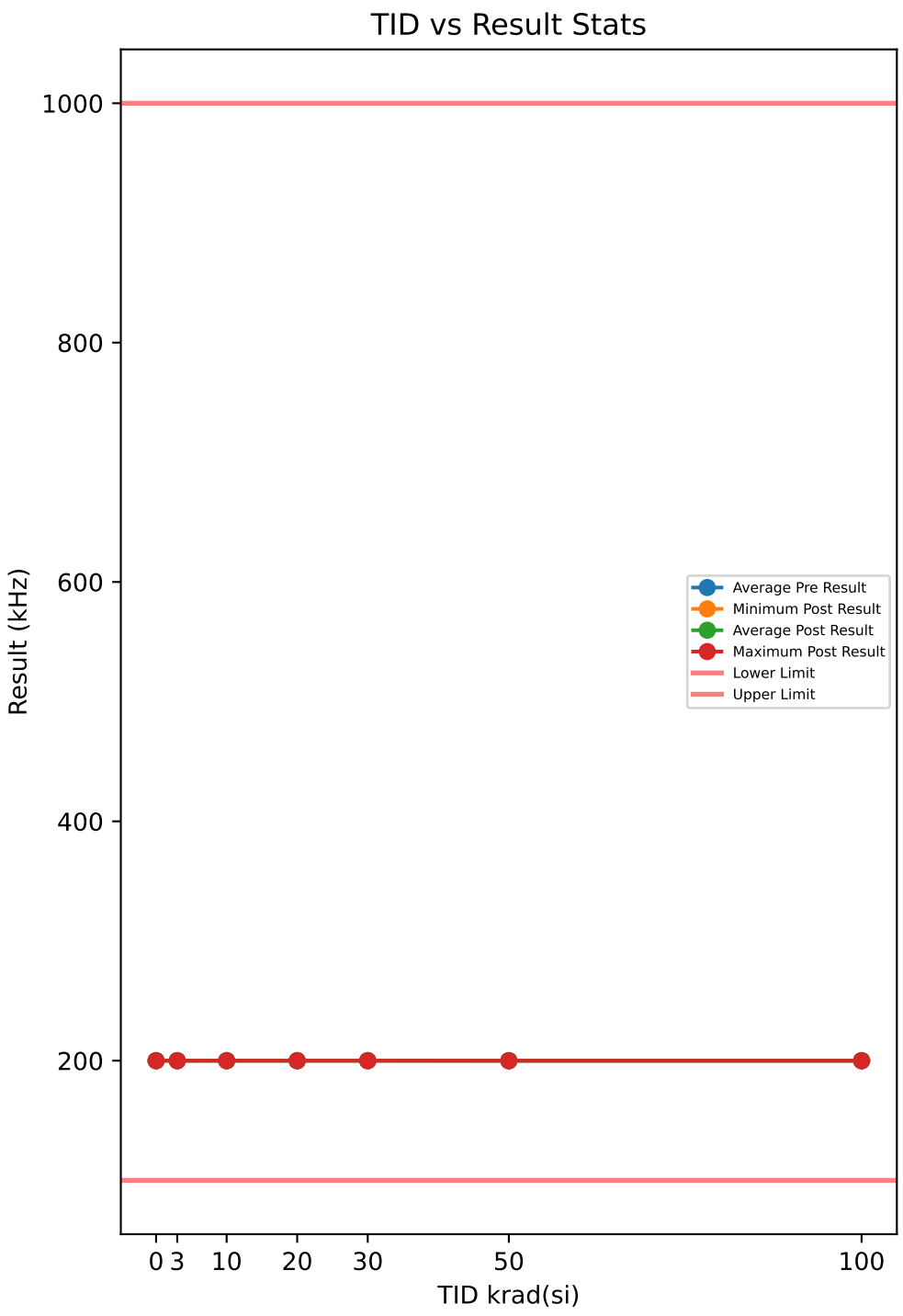
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	194.82	195.02	0.1945
2	3	LDR BIAS	194.84	192.61	-2.2364
3	3	LDR BIAS	192.48	194.61	2.1342
4	3	LDR BIAS	194.74	194.51	-0.2252
5	3	LDR BIAS	194.45	194.56	0.1081
6	3	LDR UNBIAS	193.21	193.28	0.0667
7	3	LDR UNBIAS	195.78	195.59	-0.1903
8	3	LDR UNBIAS	196.79	196.78	-0.0032
9	3	LDR UNBIAS	197.31	197.23	-0.0777
10	3	LDR UNBIAS	196.02	195.97	-0.045
11	0	CORRELATION	191.62	191.6	-0.0209
12	0	CORRELATION	192.35	192.33	-0.0184
13	0	CORRELATION	195.24	195.26	0.0176
14	0	CORRELATION	194.32	194.34	0.0164
21	10	LDR BIAS	194.82	195.28	0.4509
22	10	LDR BIAS	194.84	194.91	0.0685
23	10	LDR BIAS	192.48	192.87	0.3965
24	10	LDR BIAS	194.74	194.65	-0.0949
25	10	LDR BIAS	194.45	194.29	-0.163
26	10	LDR UNBIAS	193.21	192.75	-0.4595
27	10	LDR UNBIAS	195.78	195.54	-0.2434
28	10	LDR UNBIAS	196.79	197.06	0.2705
29	10	LDR UNBIAS	197.31	196.93	-0.3731
30	10	LDR UNBIAS	196.02	195.82	-0.1979
31	20	LDR BIAS	194.82	195.23	0.4099
32	20	LDR BIAS	194.84	194.74	-0.109
33	20	LDR BIAS	192.48	192.85	0.3713
34	20	LDR BIAS	194.74	194.52	-0.2232
35	20	LDR BIAS	194.45	194.01	-0.4407
36	20	LDR UNBIAS	193.21	192.55	-0.6614
37	20	LDR UNBIAS	195.78	195.46	-0.3261
38	20	LDR UNBIAS	196.79	196.83	0.0474
39	20	LDR UNBIAS	197.31	196.91	-0.4006
40	20	LDR UNBIAS	196.02	196.13	0.1129
41	30	LDR BIAS	194.82	195.3	0.4797
42	30	LDR BIAS	194.84	194.73	-0.113
43	30	LDR BIAS	192.48	192.73	0.2531
44	30	LDR BIAS	194.74	193.95	-0.7896
45	30	LDR BIAS	194.45	194.25	-0.2057
46	30	LDR UNBIAS	193.21	192.94	-0.2707
47	30	LDR UNBIAS	195.78	195.31	-0.4745
48	30	LDR UNBIAS	196.79	196.98	0.1935
49	30	LDR UNBIAS	197.31	197.16	-0.1504
50	30	LDR UNBIAS	196.02	196.37	0.3478
51	50	LDR BIAS	194.82	195.81	0.9849
52	50	LDR BIAS	194.84	194.85	0.0042
53	50	LDR BIAS	192.48	192.85	0.3715
54	50	LDR BIAS	194.74	194.79	0.0549
55	50	LDR BIAS	194.45	194.44	-0.0158
56	50	LDR UNBIAS	193.21	193.59	0.3783
57	50	LDR UNBIAS	195.78	195.27	-0.5173
58	50	LDR UNBIAS	196.79	197.09	0.2993
59	50	LDR UNBIAS	197.31	197.43	0.1219
60	50	LDR UNBIAS	196.02	196.74	0.7226
61	100	LDR BIAS	194.82	196.85	2.0271
62	100	LDR BIAS	194.84	194.2	-0.6491
63	100	LDR BIAS	192.48	192.46	-0.0151
64	100	LDR BIAS	194.74	193.78	-0.9627
65	100	LDR BIAS	194.45	194.9	0.4486
66	100	LDR UNBIAS	193.21	192.64	-0.5744
67	100	LDR UNBIAS	195.78	195.36	-0.4224
68	100	LDR UNBIAS	196.79	197.01	0.2185
69	100	LDR UNBIAS	197.31	197.35	0.0481
70	100	LDR UNBIAS	196.02	192.65	-3.3693



Test Statistics (kHz)

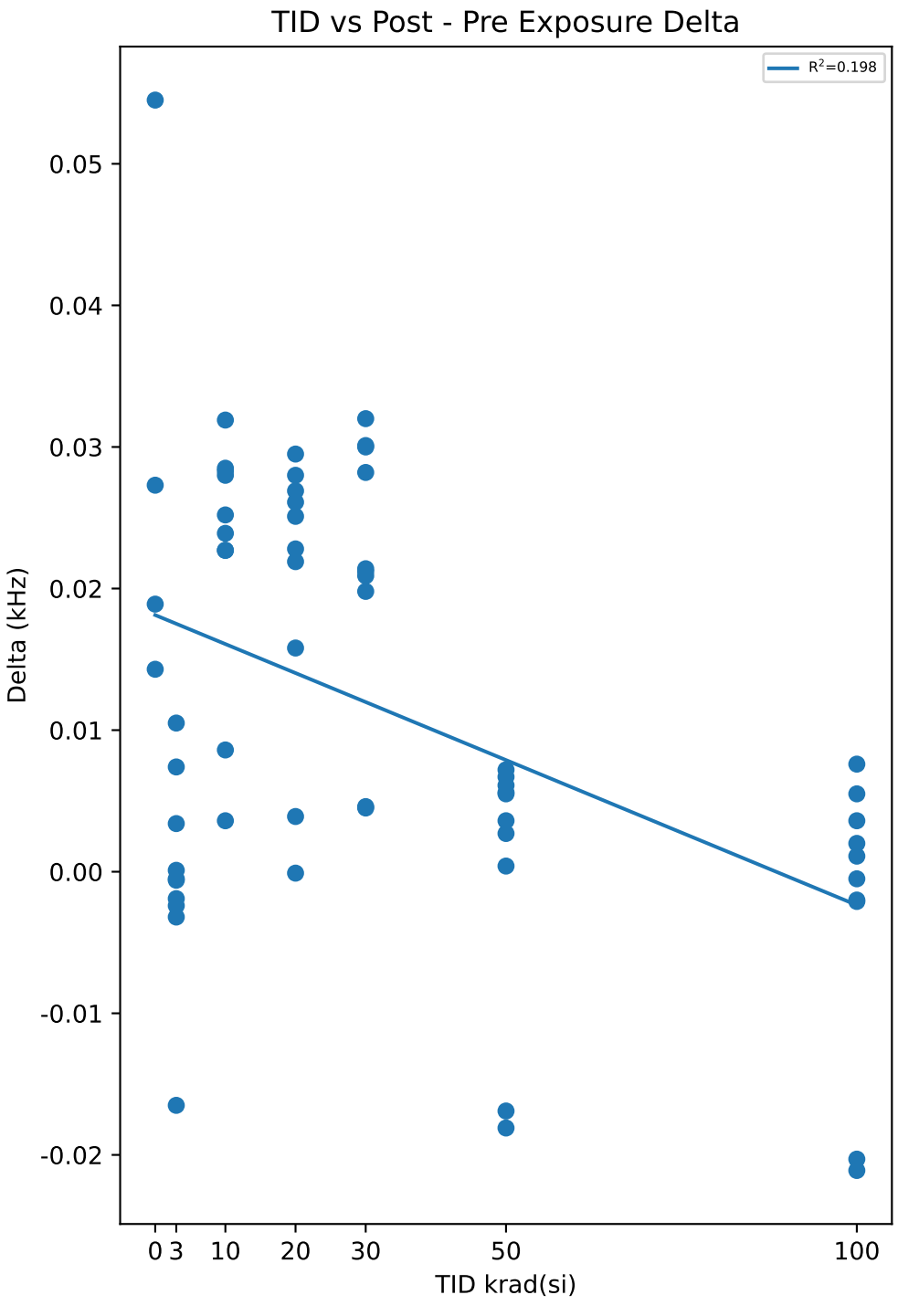
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	191.62	193.38	195.24	1.6839	191.6	193.38	195.26	1.7044	-0.0209	-0.001325	0.0176	0.02119
3	192.48	195.04	197.31	1.4954	192.61	195.02	197.23	1.4418	-2.2364	-0.02743	2.1342	1.038
10	192.48	195.04	197.31	1.4954	192.75	195.01	197.06	1.4614	-0.4595	-0.03454	0.4509	0.31812
20	192.48	195.04	197.31	1.4954	192.55	194.92	196.91	1.5051	-0.6614	-0.12195	0.4099	0.35471
30	192.48	195.04	197.31	1.4954	192.73	194.97	197.16	1.5544	-0.7896	-0.07298	0.4797	0.39425
50	192.48	195.04	197.31	1.4954	192.85	195.29	197.43	1.4977	-0.5173	0.24045	0.9849	0.41773
100	192.48	195.04	197.31	1.4954	192.46	194.72	197.35	1.8868	-3.3693	-0.32507	2.0271	1.3545

Device Test: 20.38 LEVEL|FREQ/SYNC/14/14/0/0/5/200kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

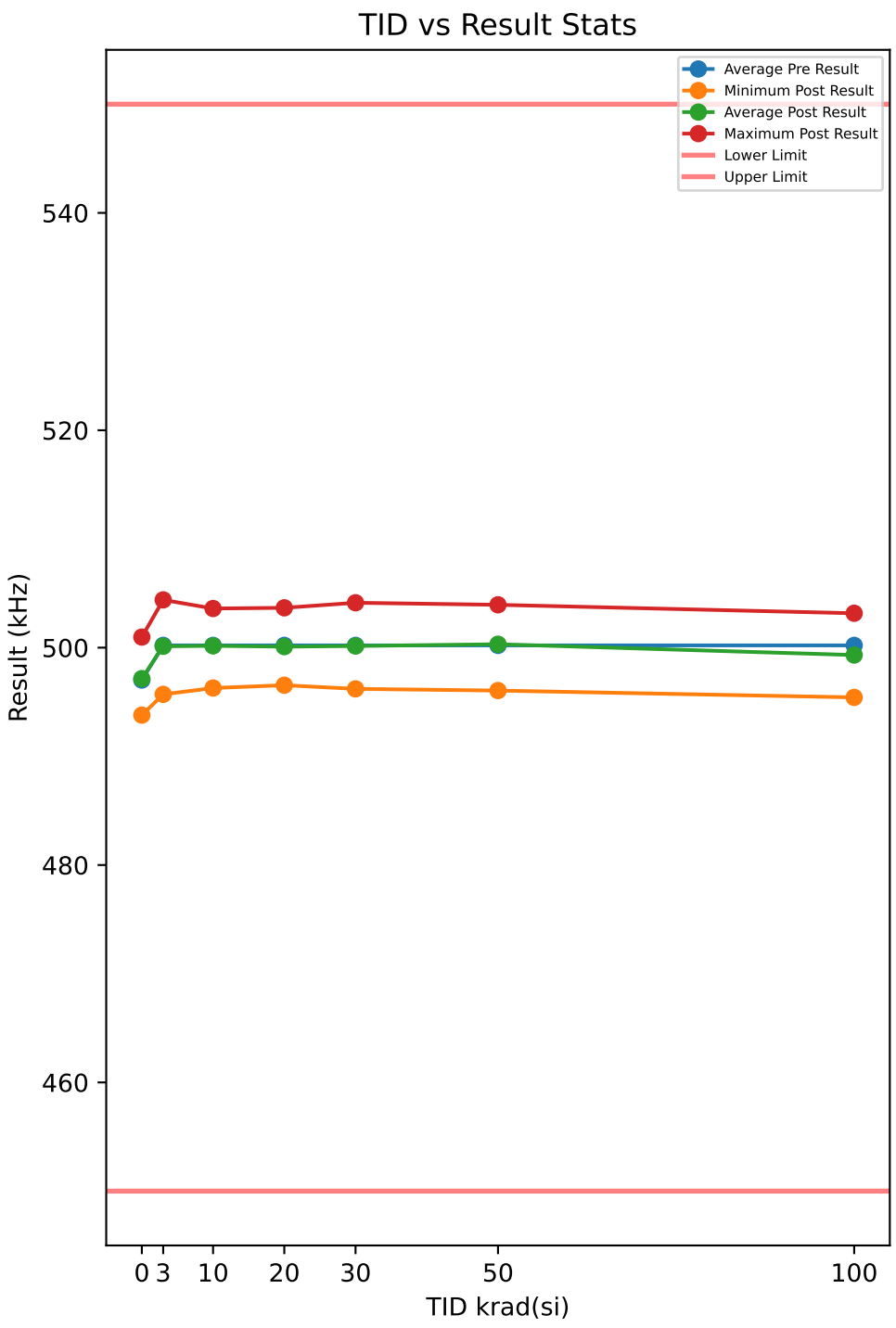
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.99	199.98	-0.0165
2	3	LDR BIAS	199.97	199.97	-0.0019
3	3	LDR BIAS	199.97	199.97	-0.0005
4	3	LDR BIAS	199.97	199.97	-0.0006
5	3	LDR BIAS	199.99	200	0.0034
6	3	LDR UNBIAS	199.97	199.97	-0.0024
7	3	LDR UNBIAS	199.98	199.97	-0.0032
8	3	LDR UNBIAS	199.97	199.97	0.0001
9	3	LDR UNBIAS	199.98	199.99	0.0105
10	3	LDR UNBIAS	199.97	199.98	0.0074
11	0	CORRELATION	199.94	199.99	0.0545
12	0	CORRELATION	199.98	200	0.0189
13	0	CORRELATION	199.98	200	0.0143
14	0	CORRELATION	199.97	200	0.0273
21	10	LDR BIAS	199.99	200	0.0086
22	10	LDR BIAS	199.97	200	0.0227
23	10	LDR BIAS	199.97	200	0.0285
24	10	LDR BIAS	199.97	200	0.0227
25	10	LDR BIAS	199.99	200	0.0036
26	10	LDR UNBIAS	199.97	200	0.028
27	10	LDR UNBIAS	199.98	200	0.0239
28	10	LDR UNBIAS	199.97	200	0.0283
29	10	LDR UNBIAS	199.98	200	0.0252
30	10	LDR UNBIAS	199.97	200	0.0319
31	20	LDR BIAS	199.99	200	0.0039
32	20	LDR BIAS	199.97	200	0.0219
33	20	LDR BIAS	199.97	200	0.0295
34	20	LDR BIAS	199.97	200	0.0269
35	20	LDR BIAS	199.99	199.99	-0.0001
36	20	LDR UNBIAS	199.97	200	0.028
37	20	LDR UNBIAS	199.98	200	0.0228
38	20	LDR UNBIAS	199.97	200	0.0261
39	20	LDR UNBIAS	199.98	199.99	0.0158
40	20	LDR UNBIAS	199.97	200	0.0251
41	30	LDR BIAS	199.99	200	0.0046
42	30	LDR BIAS	199.97	200	0.03
43	30	LDR BIAS	199.97	200	0.0282
44	30	LDR BIAS	199.97	199.99	0.0209
45	30	LDR BIAS	199.99	200	0.0045
46	30	LDR UNBIAS	199.97	200	0.0301
47	30	LDR UNBIAS	199.98	200	0.0214
48	30	LDR UNBIAS	199.97	199.99	0.0198
49	30	LDR UNBIAS	199.98	200	0.0212
50	30	LDR UNBIAS	199.97	200	0.032
51	50	LDR BIAS	199.99	199.98	-0.0181
52	50	LDR BIAS	199.97	199.98	0.0061
53	50	LDR BIAS	199.97	199.98	0.0072
54	50	LDR BIAS	199.97	199.98	0.0027
55	50	LDR BIAS	199.99	199.98	-0.0169
56	50	LDR UNBIAS	199.97	199.98	0.0036
57	50	LDR UNBIAS	199.98	199.98	0.0056
58	50	LDR UNBIAS	199.97	199.98	0.0067
59	50	LDR UNBIAS	199.98	199.98	0.0004
60	50	LDR UNBIAS	199.97	199.98	0.0055
61	100	LDR BIAS	199.99	199.97	-0.0203
62	100	LDR BIAS	199.97	199.98	0.0036
63	100	LDR BIAS	199.97	199.98	0.002
64	100	LDR BIAS	199.97	199.97	-0.0005
65	100	LDR BIAS	199.99	199.97	-0.0211
66	100	LDR UNBIAS	199.97	199.98	0.0055
67	100	LDR UNBIAS	199.98	199.98	0.0011
68	100	LDR UNBIAS	199.97	199.97	-0.0021
69	100	LDR UNBIAS	199.98	199.98	-0.002
70	100	LDR UNBIAS	199.97	199.98	0.0076



Test Statistics (kHz)

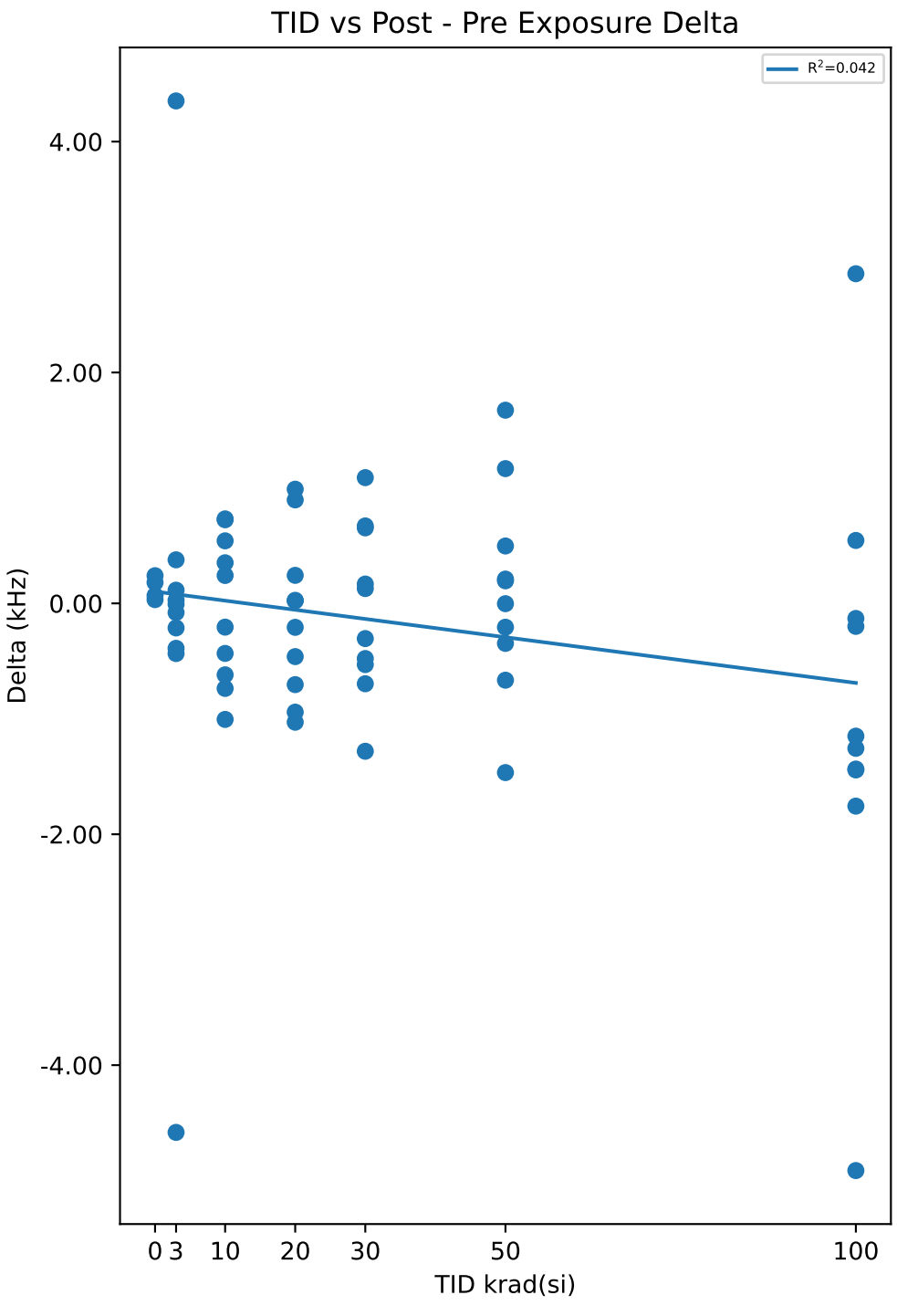
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.94	199.97	199.98	0.019831	199.99	200	200	0.0025329	0.0143	0.02875	0.0545	0.017991
3	199.97	199.98	199.99	0.0083694	199.97	199.98	200	0.0081358	-0.0165	-0.00037	0.0105	0.0072086
10	199.97	199.98	199.99	0.0083694	200	200	200	0.0028701	0.0036	0.02234	0.0319	0.009115
20	199.97	199.98	199.99	0.0083694	199.99	200	200	0.0036212	-0.0001	0.01999	0.0295	0.010314
30	199.97	199.98	199.99	0.0083694	199.99	200	200	0.003668	0.0045	0.02127	0.032	0.0098814
50	199.97	199.98	199.99	0.0083694	199.98	199.98	199.98	0.002217	-0.0181	0.00028	0.0072	0.009594
100	199.97	199.98	199.99	0.0083694	199.97	199.98	199.98	0.0025546	-0.0211	-0.00262	0.0076	0.010019

Device Test: 20.39 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/500kHz//@FSW_EXT_RT_C



Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

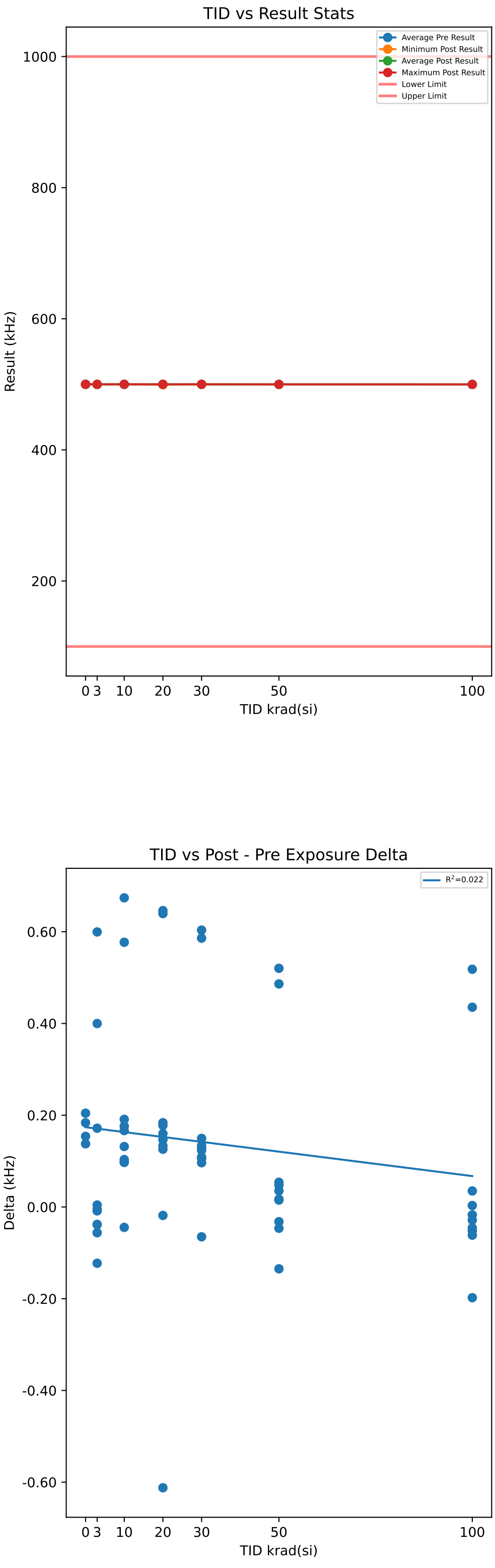
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	500.12	500.5	0.3773
2	3	LDR BIAS	500.29	495.7	-4.5826
3	3	LDR BIAS	495.55	499.91	4.3523
4	3	LDR BIAS	499.84	499.45	-0.3895
5	3	LDR BIAS	499.73	499.76	0.0281
6	3	LDR UNBIAS	497.91	498.02	0.1143
7	3	LDR UNBIAS	500.06	499.63	-0.4346
8	3	LDR UNBIAS	502.37	502.36	-0.0074
9	3	LDR UNBIAS	504.61	504.39	-0.2126
10	3	LDR UNBIAS	501.61	501.53	-0.0794
11	0	CORRELATION	493.61	493.79	0.1811
12	0	CORRELATION	495.47	495.71	0.2398
13	0	CORRELATION	500.91	500.97	0.0679
14	0	CORRELATION	498.1	498.13	0.0324
21	10	LDR BIAS	500.12	500.67	0.5417
22	10	LDR BIAS	500.29	500.53	0.2417
23	10	LDR BIAS	495.55	496.29	0.7318
24	10	LDR BIAS	499.84	500.19	0.3518
25	10	LDR BIAS	499.73	499.29	-0.4335
26	10	LDR UNBIAS	497.91	497.29	-0.619
27	10	LDR UNBIAS	500.06	499.33	-0.7368
28	10	LDR UNBIAS	502.37	503.09	0.7243
29	10	LDR UNBIAS	504.61	503.6	-1.0052
30	10	LDR UNBIAS	501.61	501.4	-0.2058
31	20	LDR BIAS	500.12	501.02	0.8964
32	20	LDR BIAS	500.29	500.31	0.0264
33	20	LDR BIAS	495.55	496.54	0.989
34	20	LDR BIAS	499.84	499.64	-0.2075
35	20	LDR BIAS	499.73	499.02	-0.7037
36	20	LDR UNBIAS	497.91	496.88	-1.0293
37	20	LDR UNBIAS	500.06	499.6	-0.4611
38	20	LDR UNBIAS	502.37	502.39	0.0225
39	20	LDR UNBIAS	504.61	503.66	-0.9423
40	20	LDR UNBIAS	501.61	501.85	0.2428
41	30	LDR BIAS	500.12	501.21	1.0892
42	30	LDR BIAS	500.29	500.41	0.1284
43	30	LDR BIAS	495.55	496.21	0.6541
44	30	LDR BIAS	499.84	498.56	-1.281
45	30	LDR BIAS	499.73	499.42	-0.3049
46	30	LDR UNBIAS	497.91	497.38	-0.5301
47	30	LDR UNBIAS	500.06	499.37	-0.6962
48	30	LDR UNBIAS	502.37	502.53	0.1675
49	30	LDR UNBIAS	504.61	504.13	-0.4779
50	30	LDR UNBIAS	501.61	502.28	0.6708
51	50	LDR BIAS	500.12	501.8	1.6734
52	50	LDR BIAS	500.29	500.08	-0.2065
53	50	LDR BIAS	495.55	496.05	0.4971
54	50	LDR BIAS	499.84	499.84	-0.0027
55	50	LDR BIAS	499.73	499.38	-0.3467
56	50	LDR UNBIAS	497.91	498.1	0.1955
57	50	LDR UNBIAS	500.06	498.6	-1.4657
58	50	LDR UNBIAS	502.37	502.58	0.2105
59	50	LDR UNBIAS	504.61	503.94	-0.6654
60	50	LDR UNBIAS	501.61	502.78	1.1673
61	100	LDR BIAS	500.12	502.98	2.8555
62	100	LDR BIAS	500.29	498.85	-1.4352
63	100	LDR BIAS	495.55	495.42	-0.1307
64	100	LDR BIAS	499.84	498.09	-1.7562
65	100	LDR BIAS	499.73	500.27	0.5451
66	100	LDR UNBIAS	497.91	496.65	-1.2556
67	100	LDR UNBIAS	500.06	498.91	-1.1501
68	100	LDR UNBIAS	502.37	502.17	-0.1991
69	100	LDR UNBIAS	504.61	503.16	-1.4427
70	100	LDR UNBIAS	501.61	496.7	-4.9132



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	493.61	497.02	500.91	3.1774	493.79	497.15	500.97	3.1055	0.0324	0.1303	0.2398	0.096694
3	495.55	500.21	504.61	2.434	495.7	500.13	504.39	2.3616	-4.5826	-0.08341	4.3523	2.1193
10	495.55	500.21	504.61	2.434	496.29	500.17	503.6	2.2868	-1.0052	-0.0409	0.7318	0.63995
20	495.55	500.21	504.61	2.434	496.54	500.09	503.66	2.2745	-1.0293	-0.11668	0.989	0.69952
30	495.55	500.21	504.61	2.434	496.21	500.15	504.13	2.4527	-1.281	-0.05801	1.0892	0.73053
50	495.55	500.21	504.61	2.434	496.05	500.31	503.94	2.4426	-1.4657	0.10568	1.6734	0.89036
100	495.55	500.21	504.61	2.434	495.42	499.32	503.16	2.7541	-4.9132	-0.88822	2.8555	1.9687

Device Test: 20.40 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/500kHz//@FREQ_SYNC_EXT



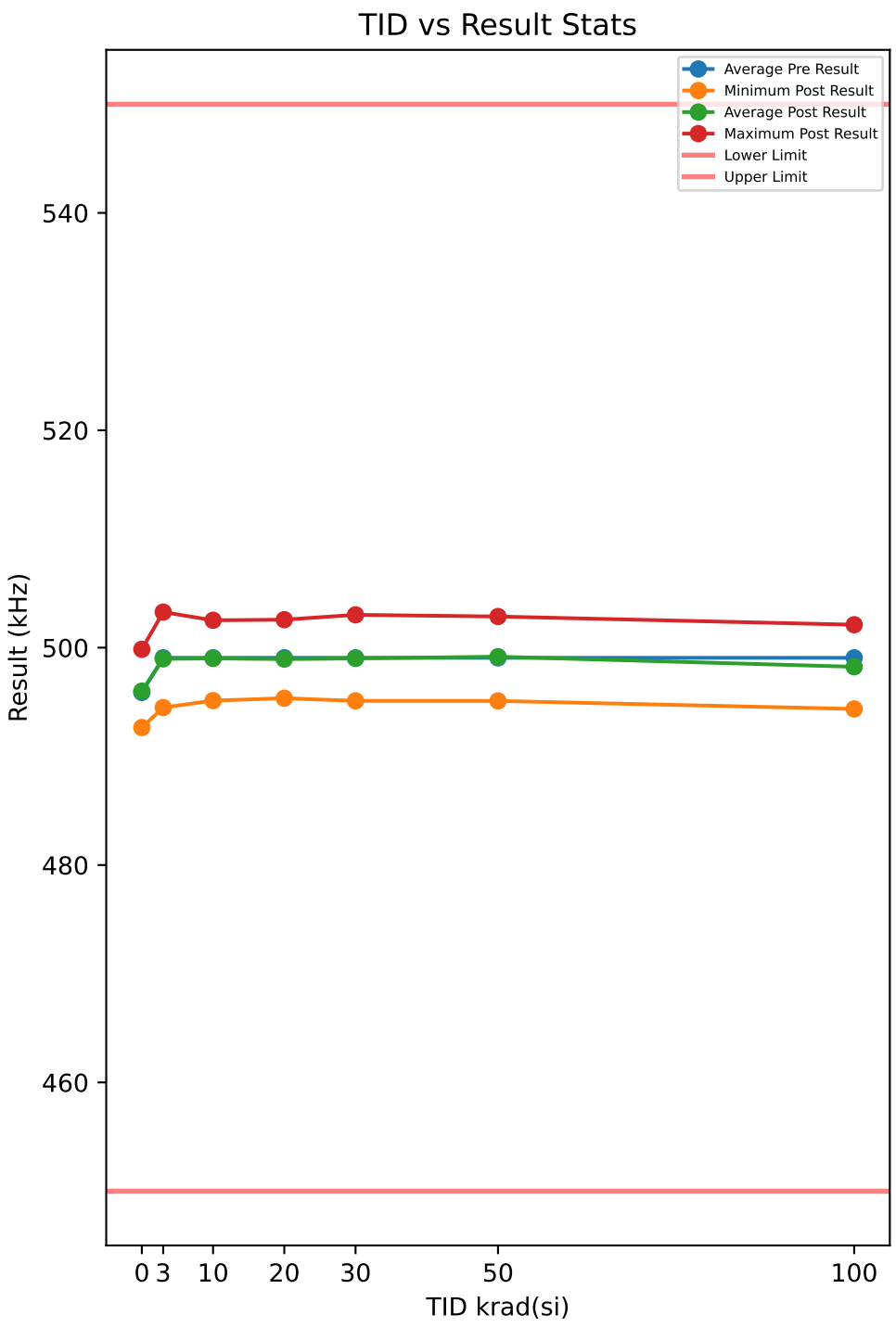
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

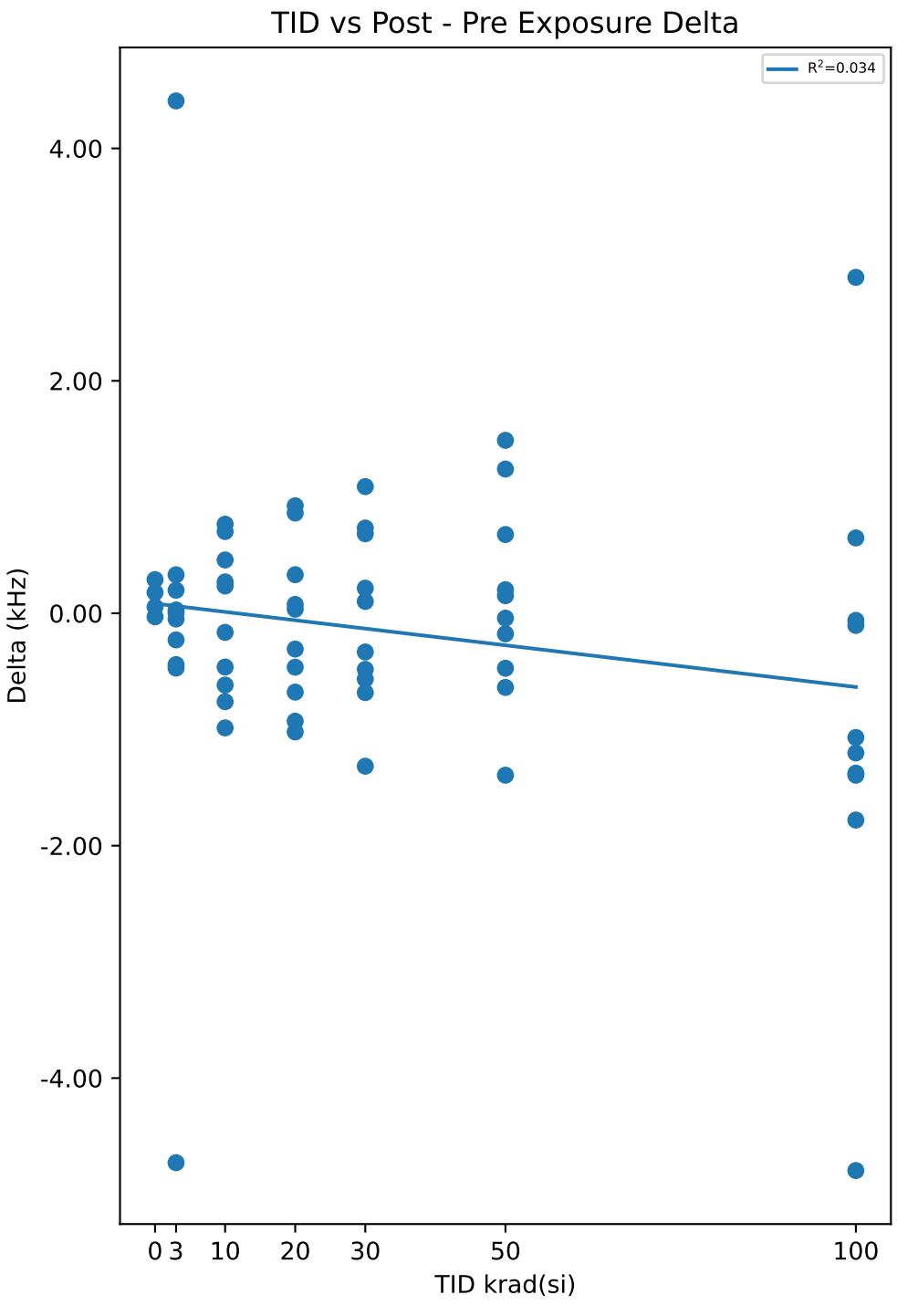
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.36	499.96	0.5996
2	3	LDR BIAS	499.89	499.84	-0.0562
3	3	LDR BIAS	499.85	499.81	-0.0379
4	3	LDR BIAS	499.88	499.88	0.0043
5	3	LDR BIAS	499.85	500.02	0.1717
6	3	LDR UNBIAS	499.88	499.87	-0.005
7	3	LDR UNBIAS	499.39	499.79	0.3999
8	3	LDR UNBIAS	499.84	499.83	-0.0085
9	3	LDR UNBIAS	500.02	499.9	-0.1227
10	3	LDR UNBIAS	499.88	499.84	-0.0386
11	0	CORRELATION	499.79	500	0.2044
12	0	CORRELATION	499.89	500.02	0.1377
13	0	CORRELATION	499.86	500.02	0.154
14	0	CORRELATION	499.83	500.01	0.1836
21	10	LDR BIAS	499.36	500.03	0.674
22	10	LDR BIAS	499.89	499.99	0.0971
23	10	LDR BIAS	499.85	499.96	0.1034
24	10	LDR BIAS	499.88	500.07	0.1911
25	10	LDR BIAS	499.85	500.02	0.1763
26	10	LDR UNBIAS	499.88	500.04	0.1665
27	10	LDR UNBIAS	499.39	499.97	0.5771
28	10	LDR UNBIAS	499.84	499.97	0.1318
29	10	LDR UNBIAS	500.02	499.98	-0.0445
30	10	LDR UNBIAS	499.88	499.97	0.0976
31	20	LDR BIAS	499.36	500	0.6461
32	20	LDR BIAS	499.89	500.02	0.1259
33	20	LDR BIAS	499.85	500.04	0.1837
34	20	LDR BIAS	499.88	500.01	0.1333
35	20	LDR BIAS	499.85	500.01	0.1599
36	20	LDR UNBIAS	499.88	500.02	0.1469
37	20	LDR UNBIAS	499.39	500.03	0.6396
38	20	LDR UNBIAS	499.84	500.02	0.1778
39	20	LDR UNBIAS	500.02	500.01	-0.0184
40	20	LDR UNBIAS	499.88	499.26	-0.6122
41	30	LDR BIAS	499.36	499.96	0.6036
42	30	LDR BIAS	499.89	499.99	0.0965
43	30	LDR BIAS	499.85	499.98	0.1282
44	30	LDR BIAS	499.88	500.01	0.1335
45	30	LDR BIAS	499.85	499.96	0.1088
46	30	LDR UNBIAS	499.88	500.02	0.1495
47	30	LDR UNBIAS	499.39	499.98	0.5861
48	30	LDR UNBIAS	499.84	499.96	0.1235
49	30	LDR UNBIAS	500.02	499.96	-0.065
50	30	LDR UNBIAS	499.88	499.98	0.1056
51	50	LDR BIAS	499.36	499.84	0.4863
52	50	LDR BIAS	499.89	499.85	-0.0464
53	50	LDR BIAS	499.85	499.9	0.0476
54	50	LDR BIAS	499.88	499.91	0.0353
55	50	LDR BIAS	499.85	499.9	0.0539
56	50	LDR UNBIAS	499.88	499.84	-0.0321
57	50	LDR UNBIAS	499.39	499.91	0.5203
58	50	LDR UNBIAS	499.84	499.85	0.015
59	50	LDR UNBIAS	500.02	499.89	-0.1348
60	50	LDR UNBIAS	499.88	499.89	0.017
61	100	LDR BIAS	499.36	499.88	0.5182
62	100	LDR BIAS	499.89	499.83	-0.0615
63	100	LDR BIAS	499.85	499.82	-0.0285
64	100	LDR BIAS	499.88	499.88	0.0032
65	100	LDR BIAS	499.85	499.88	0.0349
66	100	LDR UNBIAS	499.88	499.82	-0.0522
67	100	LDR UNBIAS	499.39	499.83	0.4355
68	100	LDR UNBIAS	499.84	499.82	-0.0172
69	100	LDR UNBIAS	500.02	499.83	-0.1978
70	100	LDR UNBIAS	499.88	499.83	-0.0456

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.79	499.84	499.89	0.041175	500	500.01	500.02	0.011703	0.1377	0.16992	0.2044	0.029819
3	499.36	499.78	500.02	0.22176	499.79	499.87	500.02	0.069605	-0.1227	0.09066	0.5996	0.23285
10	499.36	499.78	500.02	0.22176	499.96	500	500.07	0.038283	-0.0445	0.21704	0.674	0.22622
20	499.36	499.78	500.02	0.22176	499.26	499.94	500.04	0.23821	-0.6122	0.15826	0.6461	0.34918
30	499.36	499.78	500.02	0.22176	499.96	499.98	500.02	0.023325	-0.065	0.19703	0.6036	0.21808
50	499.36	499.78	500.02	0.22176	499.84	499.88	499.91	0.02926	-0.1348	0.09621	0.5203	0.22184
100	499.36	499.78	500.02	0.22176	499.82	499.84	499.88	0.026127	-0.1978	0.0589	0.5182	0.22938

Device Test: 20.43 LEVEL|FREQ/RT/5/5/0/0/5/500kHz//@FSW_EXT_RT_C





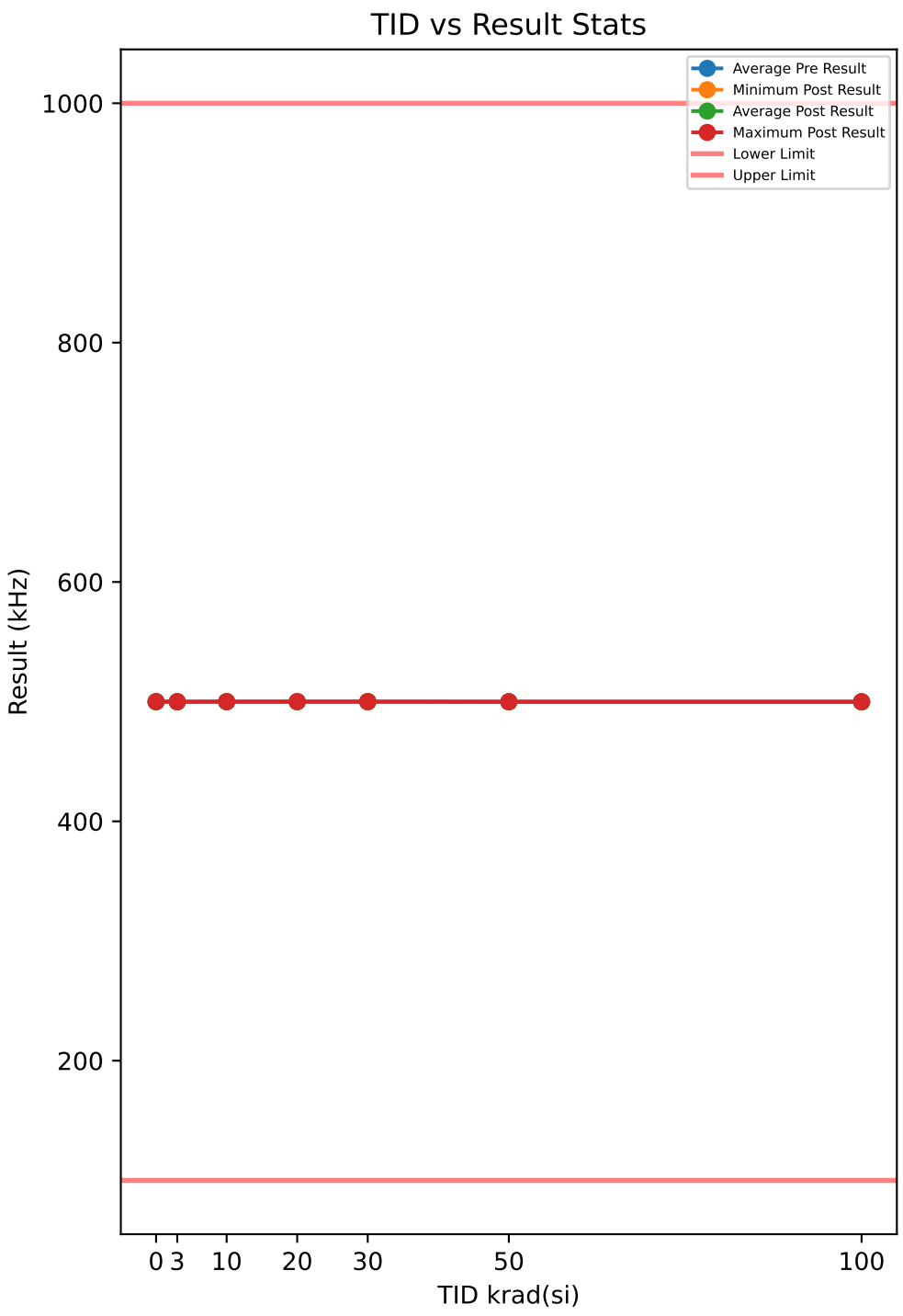
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

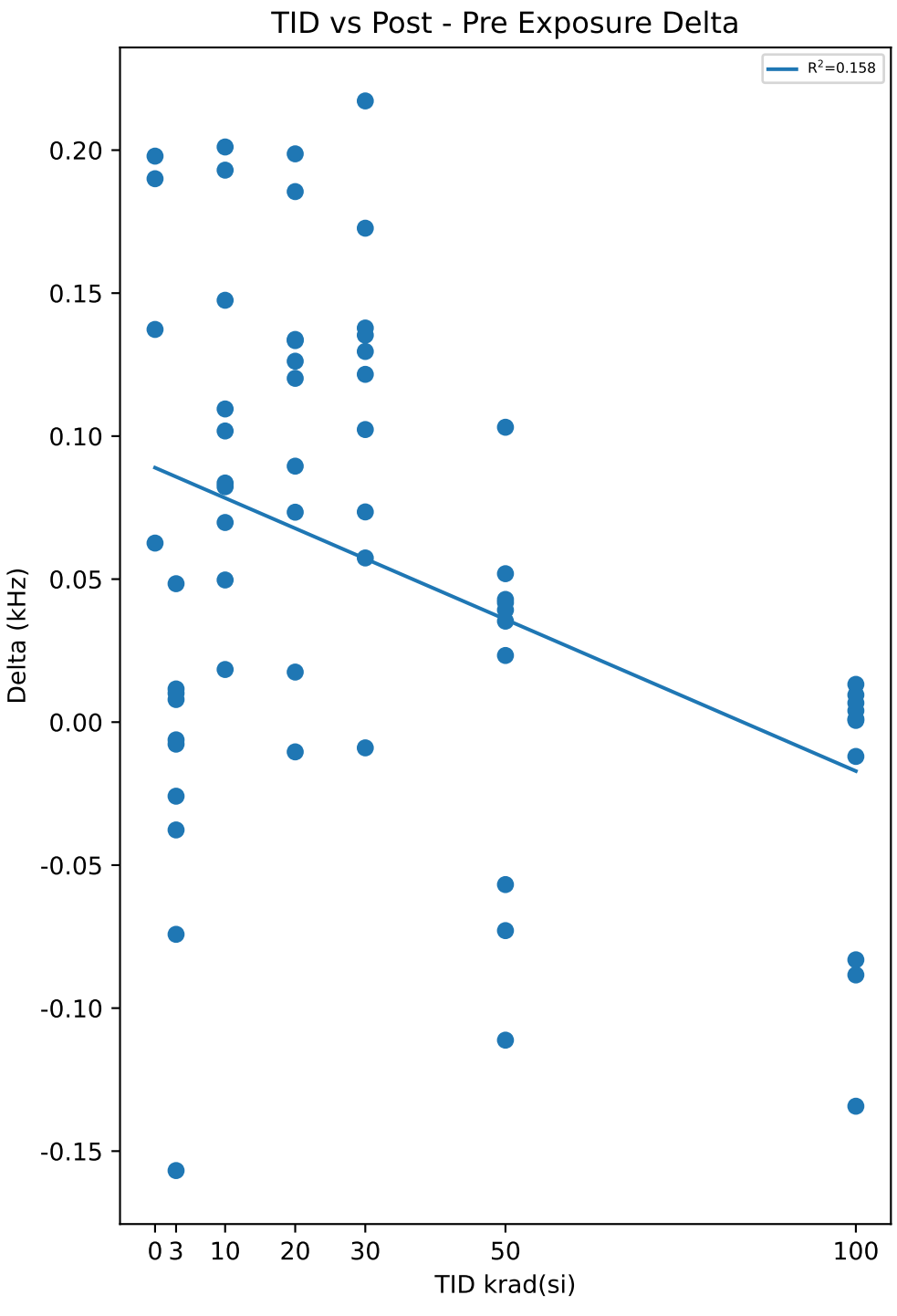
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.05	499.38	0.331
2	3	LDR BIAS	499.22	494.49	-4.7277
3	3	LDR BIAS	494.42	498.83	4.4085
4	3	LDR BIAS	498.68	498.24	-0.4417
5	3	LDR BIAS	498.59	498.62	0.0283
6	3	LDR UNBIAS	496.73	496.93	0.1981
7	3	LDR UNBIAS	498.9	498.43	-0.4717
8	3	LDR UNBIAS	501.19	501.19	0.0022
9	3	LDR UNBIAS	503.5	503.27	-0.2295
10	3	LDR UNBIAS	500.36	500.32	-0.0494
11	0	CORRELATION	492.47	492.65	0.1785
12	0	CORRELATION	494.28	494.56	0.2896
13	0	CORRELATION	499.79	499.85	0.0546
14	0	CORRELATION	496.98	496.95	-0.0303
21	10	LDR BIAS	499.05	499.51	0.4586
22	10	LDR BIAS	499.22	499.49	0.2698
23	10	LDR BIAS	494.42	495.13	0.7033
24	10	LDR BIAS	498.68	498.92	0.2345
25	10	LDR BIAS	498.59	498.13	-0.4628
26	10	LDR UNBIAS	496.73	496.11	-0.6179
27	10	LDR UNBIAS	498.9	498.14	-0.7609
28	10	LDR UNBIAS	501.19	501.95	0.7666
29	10	LDR UNBIAS	503.5	502.52	-0.9862
30	10	LDR UNBIAS	500.36	500.2	-0.1643
31	20	LDR BIAS	499.05	499.91	0.8624
32	20	LDR BIAS	499.22	499.25	0.0352
33	20	LDR BIAS	494.42	495.35	0.9249
34	20	LDR BIAS	498.68	498.37	-0.308
35	20	LDR BIAS	498.59	497.91	-0.6785
36	20	LDR UNBIAS	496.73	495.71	-1.0211
37	20	LDR UNBIAS	498.9	498.44	-0.4641
38	20	LDR UNBIAS	501.19	501.26	0.0763
39	20	LDR UNBIAS	503.5	502.57	-0.9286
40	20	LDR UNBIAS	500.36	500.7	0.3316
41	30	LDR BIAS	499.05	500.14	1.0898
42	30	LDR BIAS	499.22	499.32	0.1017
43	30	LDR BIAS	494.42	495.11	0.6837
44	30	LDR BIAS	498.68	497.36	-1.3161
45	30	LDR BIAS	498.59	498.26	-0.3333
46	30	LDR UNBIAS	496.73	496.17	-0.5666
47	30	LDR UNBIAS	498.9	498.22	-0.6829
48	30	LDR UNBIAS	501.19	501.4	0.2157
49	30	LDR UNBIAS	503.5	503.02	-0.4832
50	30	LDR UNBIAS	500.36	501.1	0.7333
51	50	LDR BIAS	499.05	500.54	1.488
52	50	LDR BIAS	499.22	499.04	-0.1771
53	50	LDR BIAS	494.42	495.1	0.6774
54	50	LDR BIAS	498.68	498.64	-0.0421
55	50	LDR BIAS	498.59	498.12	-0.473
56	50	LDR UNBIAS	496.73	496.88	0.1512
57	50	LDR UNBIAS	498.9	497.51	-1.3934
58	50	LDR UNBIAS	501.19	501.39	0.203
59	50	LDR UNBIAS	503.5	502.86	-0.6383
60	50	LDR UNBIAS	500.36	501.61	1.2409
61	100	LDR BIAS	499.05	501.94	2.8904
62	100	LDR BIAS	499.22	497.84	-1.3759
63	100	LDR BIAS	494.42	494.36	-0.0613
64	100	LDR BIAS	498.68	496.9	-1.7796
65	100	LDR BIAS	498.59	499.24	0.6481
66	100	LDR UNBIAS	496.73	495.53	-1.2021
67	100	LDR UNBIAS	498.9	497.84	-1.0691
68	100	LDR UNBIAS	501.19	501.08	-0.1048
69	100	LDR UNBIAS	503.5	502.11	-1.3933
70	100	LDR UNBIAS	500.36	495.57	-4.7956

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.47	495.88	499.79	3.2	492.65	496	499.85	3.1088	-0.0303	0.1231	0.2896	0.14026
3	494.42	499.06	503.5	2.4335	494.49	498.97	503.27	2.3718	-4.7277	-0.09519	4.4085	2.1684
10	494.42	499.06	503.5	2.4335	495.13	499.01	502.52	2.3059	-0.9862	-0.05593	0.7666	0.62926
20	494.42	499.06	503.5	2.4335	495.35	498.95	502.57	2.3017	-1.0211	-0.11699	0.9249	0.68758
30	494.42	499.06	503.5	2.4335	495.11	499.01	503.02	2.4664	-1.3161	-0.05579	1.0898	0.75149
50	494.42	499.06	503.5	2.4335	495.1	499.17	502.86	2.4111	-1.3934	0.10366	1.488	0.86765
100	494.42	499.06	503.5	2.4335	494.36	498.24	502.11	2.776	-4.7956	-0.82432	2.8904	1.9602

Device Test: 20.44 LEVEL|FREQ/SYNC/5/5/0/0/5/500kHz//@FREQ_SYNC_EXT





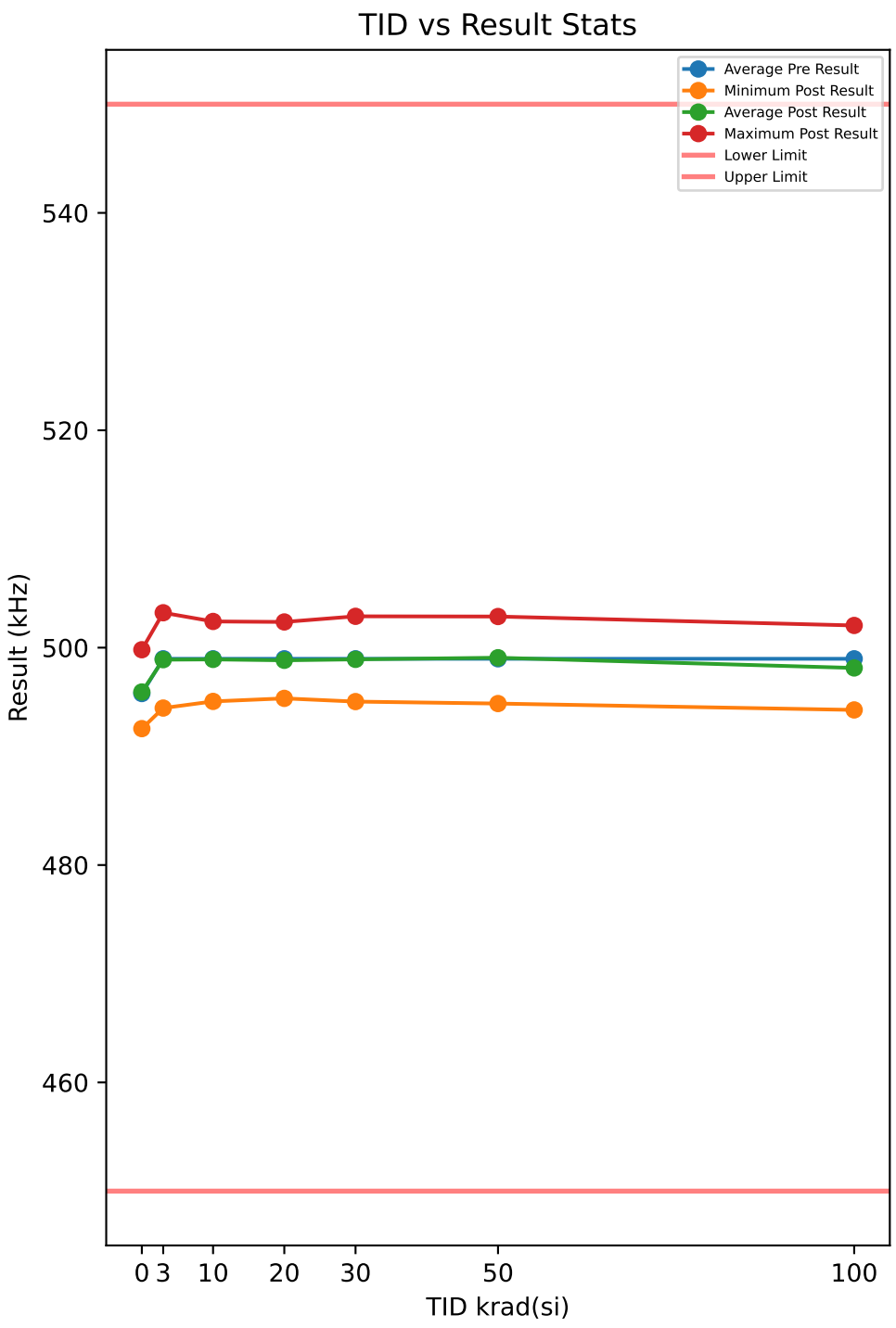
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

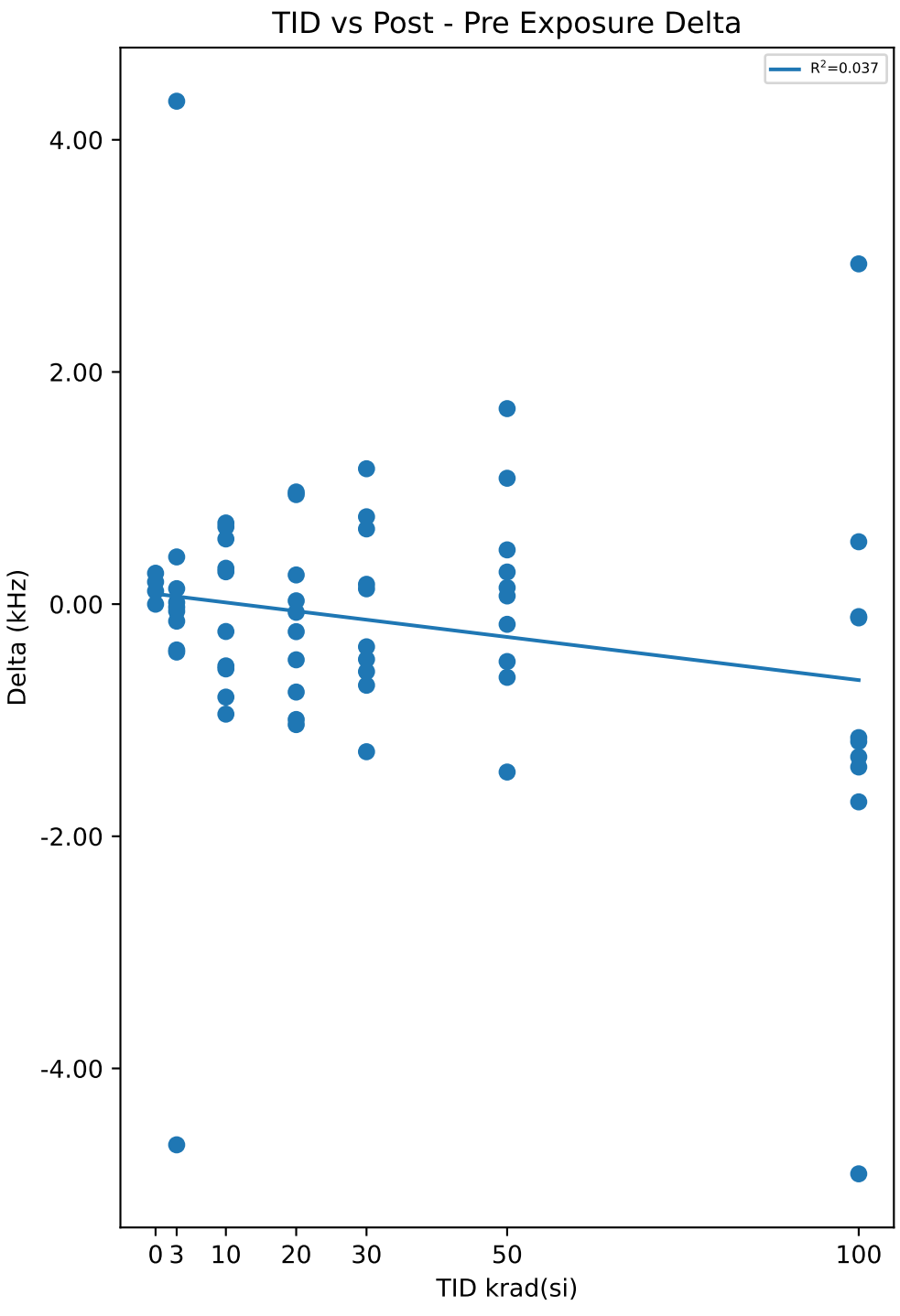
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.94	499.95	0.0079
2	3	LDR BIAS	499.81	499.82	0.0116
3	3	LDR BIAS	499.84	499.85	0.0101
4	3	LDR BIAS	499.83	499.88	0.0484
5	3	LDR BIAS	499.92	499.85	-0.0742
6	3	LDR UNBIAS	499.85	499.82	-0.0377
7	3	LDR UNBIAS	499.86	499.83	-0.0259
8	3	LDR UNBIAS	499.88	499.87	-0.0062
9	3	LDR UNBIAS	500	499.85	-0.1568
10	3	LDR UNBIAS	499.88	499.87	-0.0077
11	0	CORRELATION	499.8	500	0.1979
12	0	CORRELATION	499.84	500.03	0.19
13	0	CORRELATION	499.91	499.97	0.0626
14	0	CORRELATION	499.82	499.96	0.1373
21	10	LDR BIAS	499.94	500.01	0.0698
22	10	LDR BIAS	499.81	500.01	0.2011
23	10	LDR BIAS	499.84	500.03	0.193
24	10	LDR BIAS	499.83	499.98	0.1475
25	10	LDR BIAS	499.92	499.97	0.0497
26	10	LDR UNBIAS	499.85	499.95	0.1018
27	10	LDR UNBIAS	499.86	499.97	0.1095
28	10	LDR UNBIAS	499.88	499.96	0.0823
29	10	LDR UNBIAS	500	500.02	0.0184
30	10	LDR UNBIAS	499.88	499.96	0.0836
31	20	LDR BIAS	499.94	499.96	0.0175
32	20	LDR BIAS	499.81	500.01	0.1987
33	20	LDR BIAS	499.84	500.02	0.1855
34	20	LDR BIAS	499.83	499.96	0.1262
35	20	LDR BIAS	499.92	500	0.0734
36	20	LDR UNBIAS	499.85	499.97	0.1202
37	20	LDR UNBIAS	499.86	499.99	0.1334
38	20	LDR UNBIAS	499.88	500.01	0.1338
39	20	LDR UNBIAS	500	499.99	-0.0104
40	20	LDR UNBIAS	499.88	499.97	0.0895
41	30	LDR BIAS	499.94	500	0.0574
42	30	LDR BIAS	499.81	500.03	0.2172
43	30	LDR BIAS	499.84	499.98	0.1378
44	30	LDR BIAS	499.83	499.97	0.1353
45	30	LDR BIAS	499.92	500	0.0735
46	30	LDR UNBIAS	499.85	500.03	0.1727
47	30	LDR UNBIAS	499.86	499.98	0.1216
48	30	LDR UNBIAS	499.88	500.01	0.1296
49	30	LDR UNBIAS	500	500	-0.009
50	30	LDR UNBIAS	499.88	499.98	0.1023
51	50	LDR BIAS	499.94	499.89	-0.0568
52	50	LDR BIAS	499.81	499.92	0.1031
53	50	LDR BIAS	499.84	499.89	0.0519
54	50	LDR BIAS	499.83	499.88	0.0429
55	50	LDR BIAS	499.92	499.85	-0.0729
56	50	LDR UNBIAS	499.85	499.89	0.0392
57	50	LDR UNBIAS	499.86	499.9	0.0418
58	50	LDR UNBIAS	499.88	499.91	0.0353
59	50	LDR UNBIAS	500	499.89	-0.1112
60	50	LDR UNBIAS	499.88	499.9	0.0233
61	100	LDR BIAS	499.94	499.86	-0.0831
62	100	LDR BIAS	499.81	499.83	0.0132
63	100	LDR BIAS	499.84	499.84	0.004
64	100	LDR BIAS	499.83	499.82	-0.012
65	100	LDR BIAS	499.92	499.83	-0.0884
66	100	LDR UNBIAS	499.85	499.86	0.0067
67	100	LDR UNBIAS	499.86	499.87	0.0095
68	100	LDR UNBIAS	499.88	499.88	0.0011
69	100	LDR UNBIAS	500	499.87	-0.1343
70	100	LDR UNBIAS	499.88	499.88	0.0006

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.8	499.84	499.91	0.047469	499.96	499.99	500.03	0.029831	0.0626	0.14695	0.1979	0.062336
3	499.81	499.88	500	0.058637	499.82	499.86	499.95	0.038497	-0.1568	-0.02305	0.0484	0.057359
10	499.81	499.88	500	0.058637	499.95	499.99	500.03	0.029033	0.0184	0.10567	0.2011	0.059237
20	499.81	499.88	500	0.058637	499.96	499.99	500.02	0.022727	-0.0104	0.10678	0.1987	0.066464
30	499.81	499.88	500	0.058637	499.97	500	500.03	0.020861	-0.009	0.11384	0.2172	0.062828
50	499.81	499.88	500	0.058637	499.85	499.89	499.92	0.018887	-0.1112	0.00966	0.1031	0.066841
100	499.81	499.88	500	0.058637	499.82	499.85	499.88	0.021491	-0.1343	-0.02827	0.0132	0.052952

Device Test: 20.47 LEVEL|FREQ/RT/12/12/0/0/5/500kHz//@FSW_EXT_RT_C





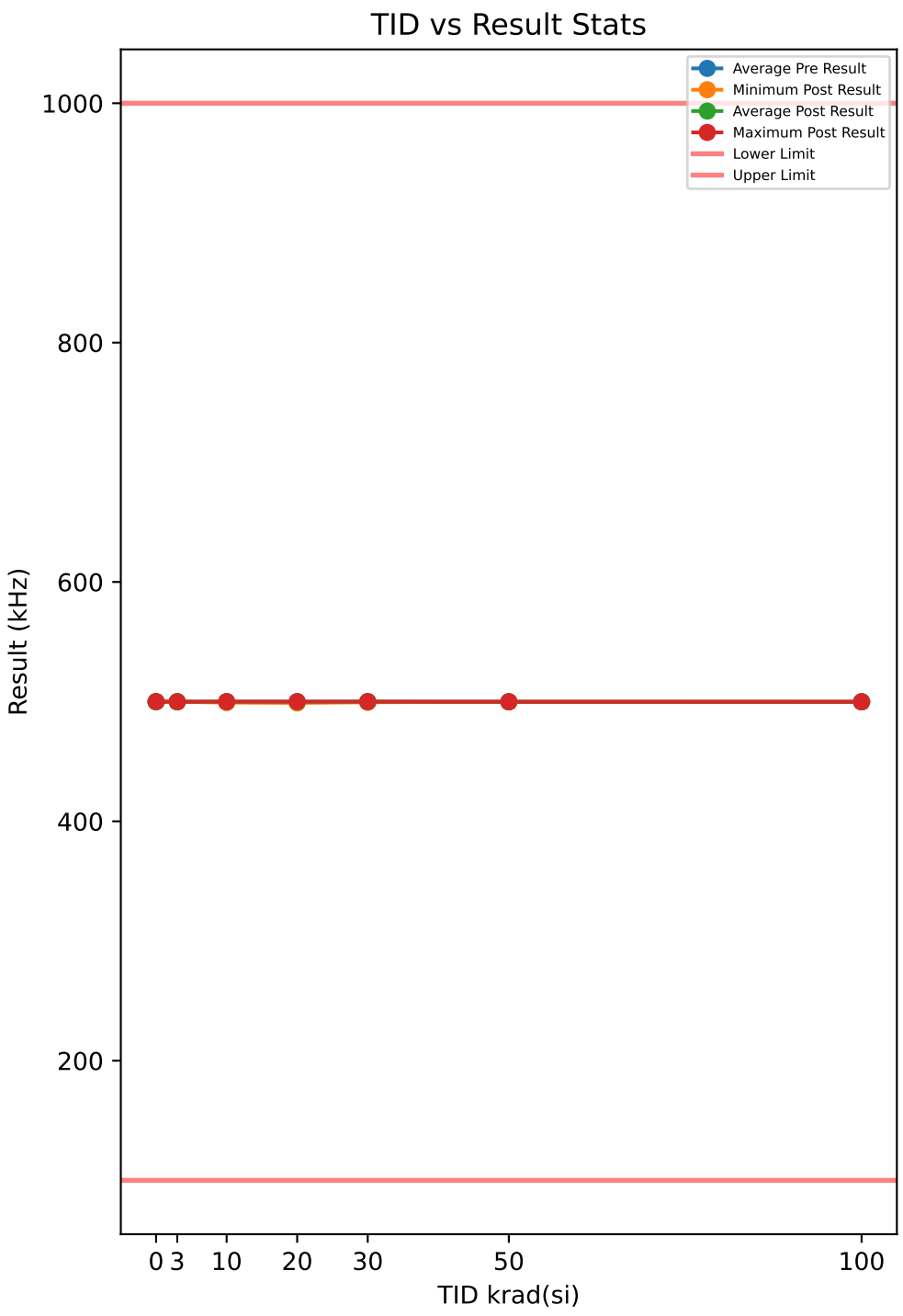
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

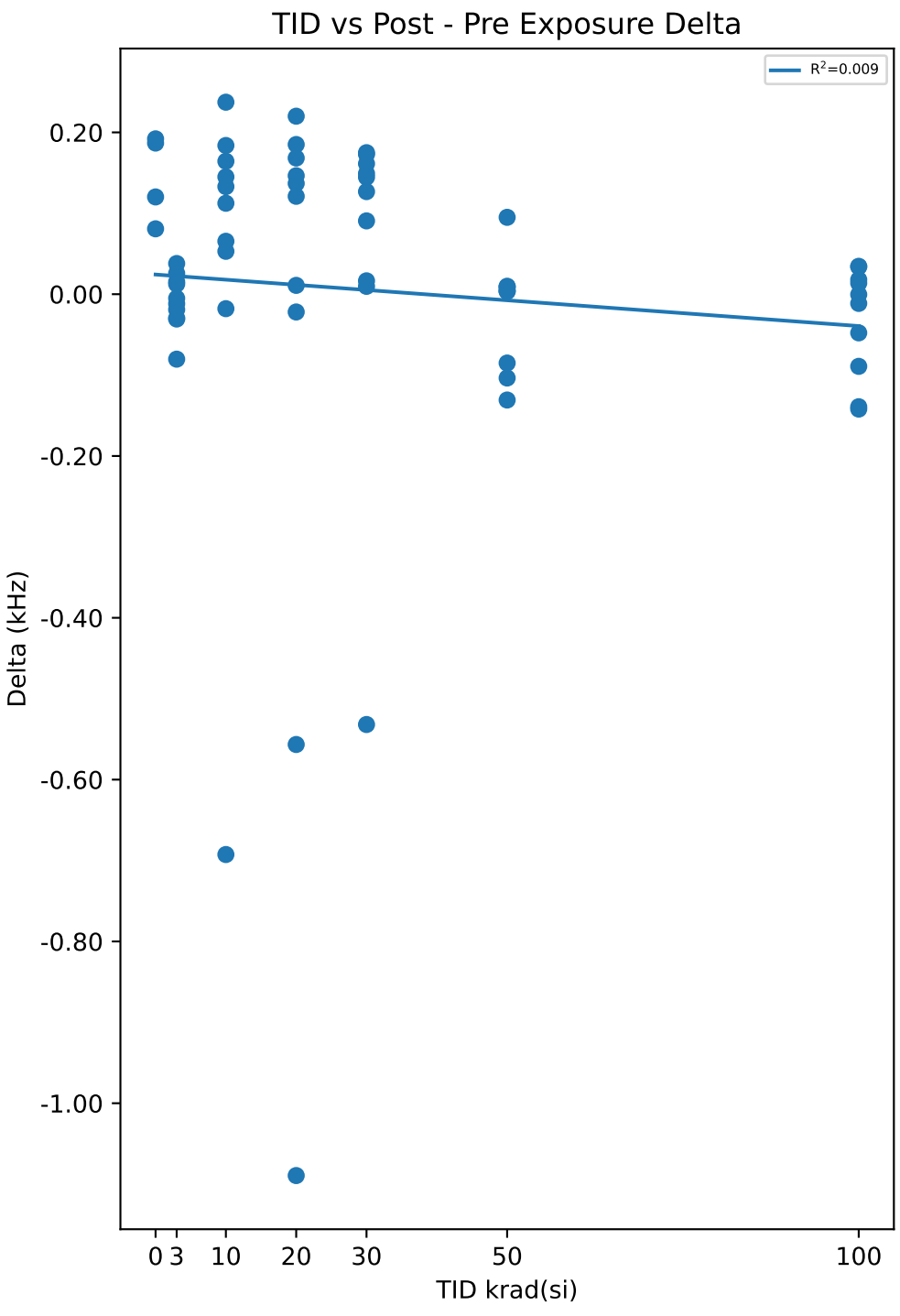
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	498.87	499.28	0.4065
2	3	LDR BIAS	499.1	494.44	-4.6581
3	3	LDR BIAS	494.39	498.72	4.3324
4	3	LDR BIAS	498.58	498.18	-0.3949
5	3	LDR BIAS	498.57	498.59	0.0147
6	3	LDR UNBIAS	496.63	496.76	0.1333
7	3	LDR UNBIAS	498.81	498.4	-0.4131
8	3	LDR UNBIAS	501.13	501.11	-0.026
9	3	LDR UNBIAS	503.36	503.21	-0.1468
10	3	LDR UNBIAS	500.31	500.24	-0.0609
11	0	CORRELATION	492.44	492.55	0.1125
12	0	CORRELATION	494.19	494.45	0.2662
13	0	CORRELATION	499.62	499.81	0.1915
14	0	CORRELATION	496.87	496.87	-0.0006
21	10	LDR BIAS	498.87	499.43	0.5614
22	10	LDR BIAS	499.1	499.41	0.309
23	10	LDR BIAS	494.39	495.05	0.6646
24	10	LDR BIAS	498.58	498.86	0.2786
25	10	LDR BIAS	498.57	498.04	-0.5322
26	10	LDR UNBIAS	496.63	496.07	-0.5581
27	10	LDR UNBIAS	498.81	498.01	-0.801
28	10	LDR UNBIAS	501.13	501.83	0.6991
29	10	LDR UNBIAS	503.36	502.41	-0.9478
30	10	LDR UNBIAS	500.31	500.07	-0.2359
31	20	LDR BIAS	498.87	499.84	0.9661
32	20	LDR BIAS	499.1	499.13	0.0285
33	20	LDR BIAS	494.39	495.33	0.9435
34	20	LDR BIAS	498.58	498.34	-0.2372
35	20	LDR BIAS	498.57	497.81	-0.7575
36	20	LDR UNBIAS	496.63	495.59	-1.0379
37	20	LDR UNBIAS	498.81	498.33	-0.4797
38	20	LDR UNBIAS	501.13	501.06	-0.0706
39	20	LDR UNBIAS	503.36	502.36	-0.9941
40	20	LDR UNBIAS	500.31	500.56	0.2512
41	30	LDR BIAS	498.87	500.04	1.1662
42	30	LDR BIAS	499.1	499.23	0.1318
43	30	LDR BIAS	494.39	495.04	0.6479
44	30	LDR BIAS	498.58	497.31	-1.2716
45	30	LDR BIAS	498.57	498.2	-0.3678
46	30	LDR UNBIAS	496.63	496.05	-0.5812
47	30	LDR UNBIAS	498.81	498.11	-0.6991
48	30	LDR UNBIAS	501.13	501.3	0.1706
49	30	LDR UNBIAS	503.36	502.88	-0.4754
50	30	LDR UNBIAS	500.31	501.06	0.7524
51	50	LDR BIAS	498.87	500.56	1.6841
52	50	LDR BIAS	499.1	498.93	-0.174
53	50	LDR BIAS	494.39	494.86	0.4672
54	50	LDR BIAS	498.58	498.65	0.0704
55	50	LDR BIAS	498.57	497.94	-0.6309
56	50	LDR UNBIAS	496.63	496.9	0.2765
57	50	LDR UNBIAS	498.81	497.37	-1.4466
58	50	LDR UNBIAS	501.13	501.27	0.1418
59	50	LDR UNBIAS	503.36	502.86	-0.4947
60	50	LDR UNBIAS	500.31	501.39	1.0843
61	100	LDR BIAS	498.87	501.8	2.931
62	100	LDR BIAS	499.1	497.7	-1.4031
63	100	LDR BIAS	494.39	494.27	-0.1187
64	100	LDR BIAS	498.58	496.87	-1.7036
65	100	LDR BIAS	498.57	499.11	0.5372
66	100	LDR UNBIAS	496.63	495.48	-1.1501
67	100	LDR UNBIAS	498.81	497.63	-1.184
68	100	LDR UNBIAS	501.13	501.02	-0.1076
69	100	LDR UNBIAS	503.36	502.04	-1.3163
70	100	LDR UNBIAS	500.31	495.4	-4.9079

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.44	495.78	499.62	3.1427	492.55	495.92	499.81	3.1378	-0.0006	0.1424	0.2662	0.11413
3	494.39	498.97	503.36	2.4164	494.44	498.89	503.21	2.3747	-4.6581	-0.08129	4.3324	2.1327
10	494.39	498.97	503.36	2.4164	495.05	498.92	502.41	2.2891	-0.9478	-0.05623	0.6991	0.63046
20	494.39	498.97	503.36	2.4164	495.33	498.84	502.36	2.256	-1.0379	-0.13877	0.9661	0.7169
30	494.39	498.97	503.36	2.4164	495.04	498.92	502.88	2.4586	-1.2716	-0.05262	1.1662	0.75788
50	494.39	498.97	503.36	2.4164	494.86	499.07	502.86	2.4417	-1.4466	0.09781	1.6841	0.88203
100	494.39	498.97	503.36	2.4164	494.27	498.13	502.04	2.7797	-4.9079	-0.84231	2.931	1.9784

Device Test: 20.48 LEVEL|FREQ/SYNC/12/12/0/0/5/500kHz//@FREQ_SYNC_EXT





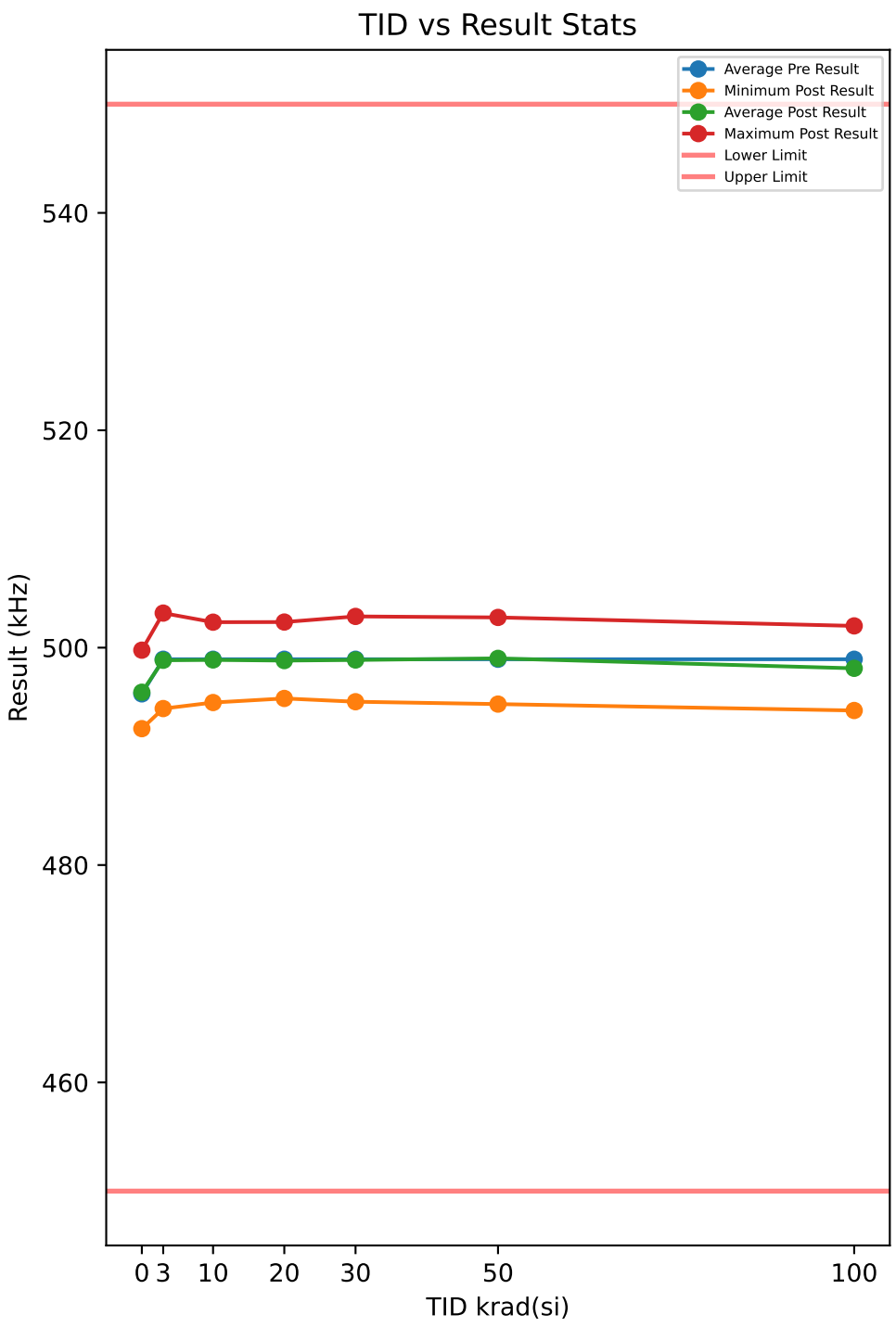
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

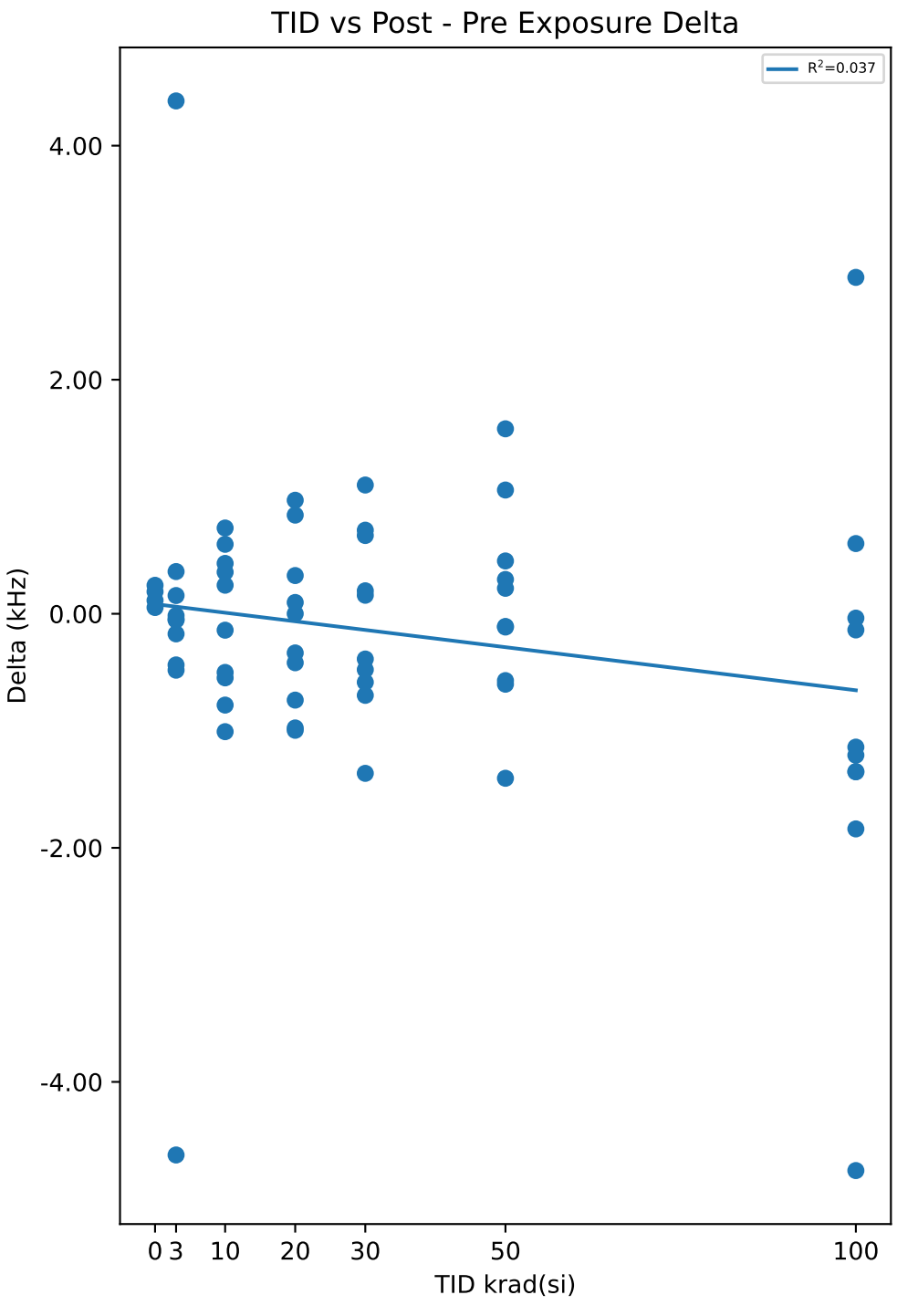
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.98	499.9	-0.0803
2	3	LDR BIAS	499.85	499.88	0.0258
3	3	LDR BIAS	499.85	499.83	-0.0191
4	3	LDR BIAS	499.83	499.87	0.0379
5	3	LDR BIAS	499.97	499.94	-0.0307
6	3	LDR UNBIAS	499.88	499.87	-0.0118
7	3	LDR UNBIAS	499.8	499.81	0.0125
8	3	LDR UNBIAS	499.88	499.87	-0.0051
9	3	LDR UNBIAS	499.95	499.92	-0.0295
10	3	LDR UNBIAS	499.83	499.85	0.0154
11	0	CORRELATION	499.8	499.99	0.1868
12	0	CORRELATION	499.84	500.03	0.192
13	0	CORRELATION	499.9	499.98	0.0808
14	0	CORRELATION	499.87	499.99	0.1202
21	10	LDR BIAS	499.98	499.96	-0.0179
22	10	LDR BIAS	499.85	499.96	0.1124
23	10	LDR BIAS	499.85	500.01	0.1643
24	10	LDR BIAS	499.83	500.02	0.1838
25	10	LDR BIAS	499.97	500.03	0.053
26	10	LDR UNBIAS	499.88	499.19	-0.6926
27	10	LDR UNBIAS	499.8	500.03	0.2373
28	10	LDR UNBIAS	499.88	500.02	0.145
29	10	LDR UNBIAS	499.95	500.02	0.0654
30	10	LDR UNBIAS	499.83	499.96	0.133
31	20	LDR BIAS	499.98	499.96	-0.022
32	20	LDR BIAS	499.85	499.29	-0.5566
33	20	LDR BIAS	499.85	499.99	0.1464
34	20	LDR BIAS	499.83	500	0.1683
35	20	LDR BIAS	499.97	498.88	-1.0894
36	20	LDR UNBIAS	499.88	500.01	0.1369
37	20	LDR UNBIAS	499.8	500.02	0.22
38	20	LDR UNBIAS	499.88	500	0.121
39	20	LDR UNBIAS	499.95	499.96	0.0109
40	20	LDR UNBIAS	499.83	500.02	0.185
41	30	LDR BIAS	499.98	499.45	-0.5319
42	30	LDR BIAS	499.85	500.02	0.1729
43	30	LDR BIAS	499.85	499.97	0.1268
44	30	LDR BIAS	499.83	499.99	0.1613
45	30	LDR BIAS	499.97	499.99	0.0165
46	30	LDR UNBIAS	499.88	500.02	0.1446
47	30	LDR UNBIAS	499.8	499.97	0.1749
48	30	LDR UNBIAS	499.88	499.97	0.0906
49	30	LDR UNBIAS	499.95	499.96	0.0097
50	30	LDR UNBIAS	499.83	499.98	0.1492
51	50	LDR BIAS	499.98	499.85	-0.1308
52	50	LDR BIAS	499.85	499.85	0.0039
53	50	LDR BIAS	499.85	499.85	0.0045
54	50	LDR BIAS	499.83	499.84	0.0091
55	50	LDR BIAS	499.97	499.89	-0.0851
56	50	LDR UNBIAS	499.88	499.88	0.0034
57	50	LDR UNBIAS	499.8	499.89	0.095
58	50	LDR UNBIAS	499.88	499.89	0.0087
59	50	LDR UNBIAS	499.95	499.85	-0.1036
60	50	LDR UNBIAS	499.83	499.84	0.0098
61	100	LDR BIAS	499.98	499.84	-0.142
62	100	LDR BIAS	499.85	499.87	0.018
63	100	LDR BIAS	499.85	499.86	0.0137
64	100	LDR BIAS	499.83	499.87	0.034
65	100	LDR BIAS	499.97	499.83	-0.1391
66	100	LDR UNBIAS	499.88	499.83	-0.0478
67	100	LDR UNBIAS	499.8	499.83	0.0344
68	100	LDR UNBIAS	499.88	499.87	-0.0114
69	100	LDR UNBIAS	499.95	499.86	-0.0892
70	100	LDR UNBIAS	499.83	499.83	-0.0004

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.8	499.85	499.9	0.0417	499.98	500	500.03	0.021595	0.0808	0.14495	0.192	0.05383
3	499.8	499.88	499.98	0.06472	499.81	499.87	499.94	0.040787	-0.0803	-0.00849	0.0379	0.034263
10	499.8	499.88	499.98	0.06472	499.19	499.92	500.03	0.25959	-0.6926	0.03837	0.2373	0.26684
20	499.8	499.88	499.98	0.06472	498.88	499.81	500.02	0.39473	-1.0894	-0.06795	0.22	0.42384
30	499.8	499.88	499.98	0.06472	499.45	499.93	500.02	0.17169	-0.5319	0.05146	0.1749	0.21364
50	499.8	499.88	499.98	0.06472	499.84	499.86	499.89	0.020651	-0.1308	-0.01851	0.095	0.067482
100	499.8	499.88	499.98	0.06472	499.83	499.85	499.87	0.017074	-0.142	-0.03298	0.0344	0.068198

Device Test: 20.51 LEVEL|FREQ/RT/14/14/0/0/5/500kHz//@FSW_EXT_RT_C





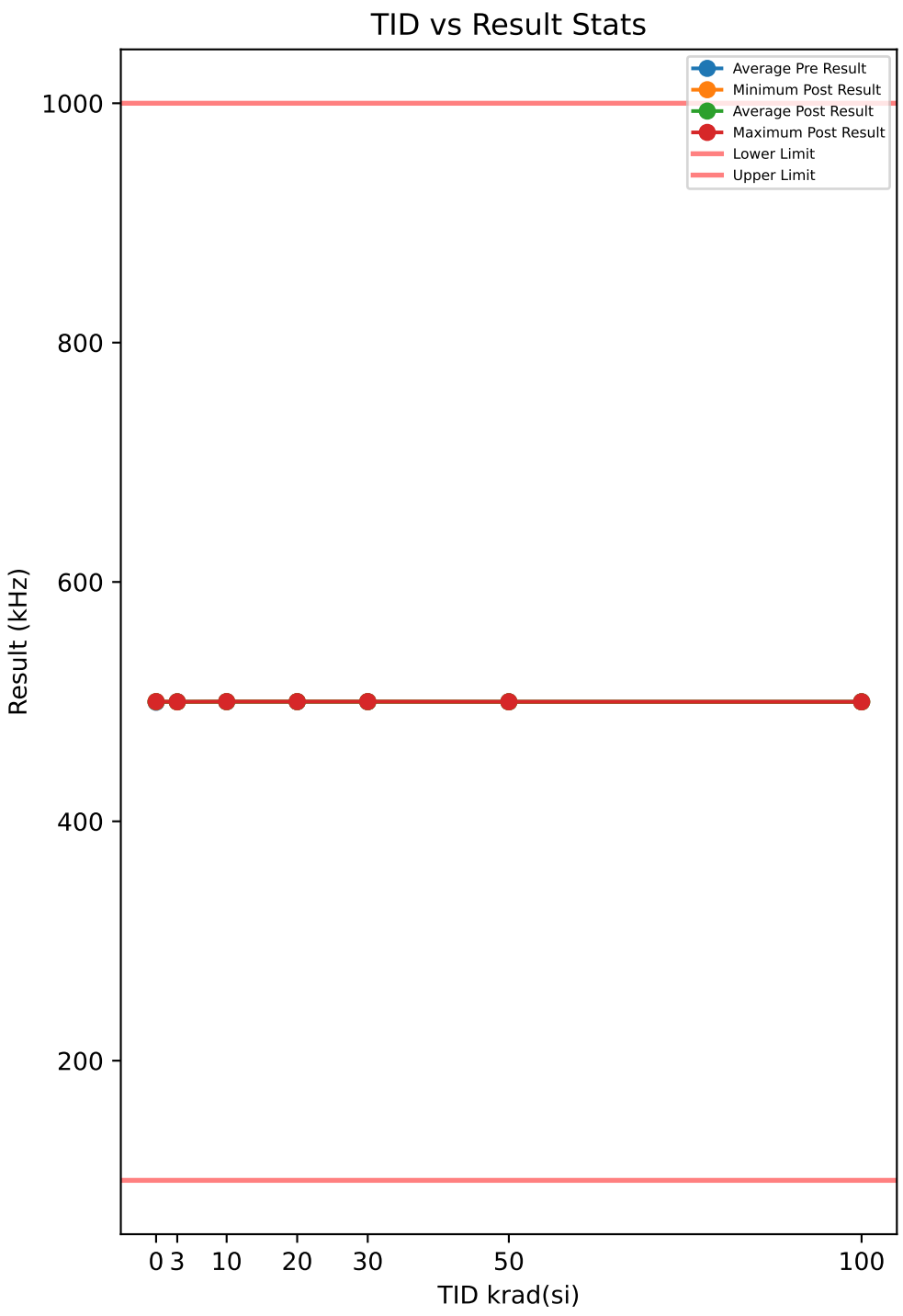
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	498.9	499.26	0.3607
2	3	LDR BIAS	499.02	494.39	-4.6246
3	3	LDR BIAS	494.36	498.74	4.3822
4	3	LDR BIAS	498.61	498.13	-0.482
5	3	LDR BIAS	498.51	498.45	-0.0538
6	3	LDR UNBIAS	496.57	496.72	0.1559
7	3	LDR UNBIAS	498.75	498.31	-0.4371
8	3	LDR UNBIAS	501.06	501.01	-0.0465
9	3	LDR UNBIAS	503.35	503.18	-0.1718
10	3	LDR UNBIAS	500.21	500.19	-0.0158
11	0	CORRELATION	492.36	492.55	0.1893
12	0	CORRELATION	494.16	494.4	0.2433
13	0	CORRELATION	499.65	499.77	0.1145
14	0	CORRELATION	496.82	496.88	0.0535
21	10	LDR BIAS	498.9	499.33	0.4304
22	10	LDR BIAS	499.02	499.38	0.3559
23	10	LDR BIAS	494.36	494.95	0.5937
24	10	LDR BIAS	498.61	498.86	0.2441
25	10	LDR BIAS	498.51	498.01	-0.5012
26	10	LDR UNBIAS	496.57	496.02	-0.5475
27	10	LDR UNBIAS	498.75	497.97	-0.7802
28	10	LDR UNBIAS	501.06	501.79	0.7328
29	10	LDR UNBIAS	503.35	502.34	-1.0074
30	10	LDR UNBIAS	500.21	500.07	-0.1402
31	20	LDR BIAS	498.9	499.74	0.8431
32	20	LDR BIAS	499.02	499.12	0.0966
33	20	LDR BIAS	494.36	495.33	0.9701
34	20	LDR BIAS	498.61	498.28	-0.3346
35	20	LDR BIAS	498.51	497.77	-0.7377
36	20	LDR UNBIAS	496.57	495.59	-0.9757
37	20	LDR UNBIAS	498.75	498.33	-0.4185
38	20	LDR UNBIAS	501.06	501.06	0.0008
39	20	LDR UNBIAS	503.35	502.36	-0.9956
40	20	LDR UNBIAS	500.21	500.53	0.3267
41	30	LDR BIAS	498.9	500	1.1002
42	30	LDR BIAS	499.02	499.18	0.1583
43	30	LDR BIAS	494.36	495.03	0.6689
44	30	LDR BIAS	498.61	497.25	-1.3635
45	30	LDR BIAS	498.51	498.12	-0.3867
46	30	LDR UNBIAS	496.57	495.98	-0.5851
47	30	LDR UNBIAS	498.75	498.05	-0.697
48	30	LDR UNBIAS	501.06	501.26	0.1963
49	30	LDR UNBIAS	503.35	502.87	-0.4776
50	30	LDR UNBIAS	500.21	500.92	0.7143
51	50	LDR BIAS	498.9	500.48	1.5805
52	50	LDR BIAS	499.02	498.91	-0.1132
53	50	LDR BIAS	494.36	494.81	0.4513
54	50	LDR BIAS	498.61	498.51	-0.1084
55	50	LDR BIAS	498.51	497.91	-0.6018
56	50	LDR UNBIAS	496.57	496.86	0.2932
57	50	LDR UNBIAS	498.75	497.34	-1.4056
58	50	LDR UNBIAS	501.06	501.28	0.2177
59	50	LDR UNBIAS	503.35	502.78	-0.571
60	50	LDR UNBIAS	500.21	501.26	1.0574
61	100	LDR BIAS	498.9	501.77	2.8744
62	100	LDR BIAS	499.02	497.67	-1.3497
63	100	LDR BIAS	494.36	494.22	-0.1381
64	100	LDR BIAS	498.61	496.78	-1.8383
65	100	LDR BIAS	498.51	499.11	0.6
66	100	LDR UNBIAS	496.57	495.36	-1.2085
67	100	LDR UNBIAS	498.75	497.61	-1.1395
68	100	LDR UNBIAS	501.06	501.02	-0.0372
69	100	LDR UNBIAS	503.35	502	-1.3496
70	100	LDR UNBIAS	500.21	495.45	-4.7578

Test Statistics (kHz)

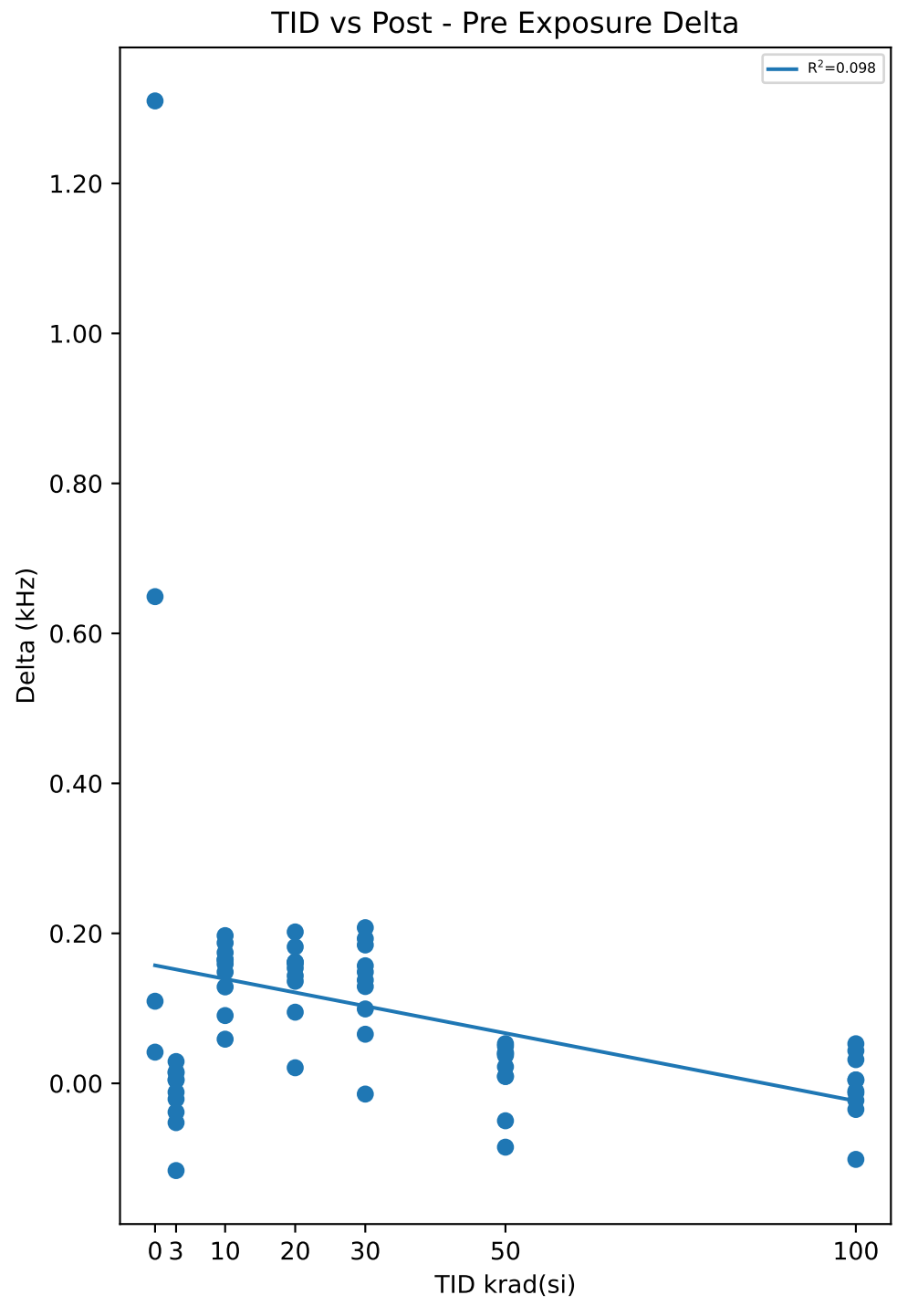
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.36	495.75	499.65	3.1848	492.55	495.9	499.77	3.1306	0.0535	0.15015	0.2433	0.08331
3	494.36	498.93	503.35	2.4161	494.39	498.84	503.18	2.3744	-4.6246	-0.09328	4.3822	2.1374
10	494.36	498.93	503.35	2.4161	494.95	498.87	502.34	2.299	-1.0074	-0.06196	0.7328	0.61615
20	494.36	498.93	503.35	2.4161	495.33	498.81	502.36	2.2524	-0.9956	-0.12248	0.9701	0.69861
30	494.36	498.93	503.35	2.4161	495.03	498.87	502.87	2.4558	-1.3635	-0.06719	1.1002	0.76387
50	494.36	498.93	503.35	2.4161	494.81	499.01	502.78	2.4301	-1.4056	0.08001	1.5805	0.85489
100	494.36	498.93	503.35	2.4161	494.22	498.1	502	2.7904	-4.7578	-0.83443	2.8744	1.9464

Device Test: 20.52 LEVEL|FREQ/SYNC/14/14/0/0/5/500kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

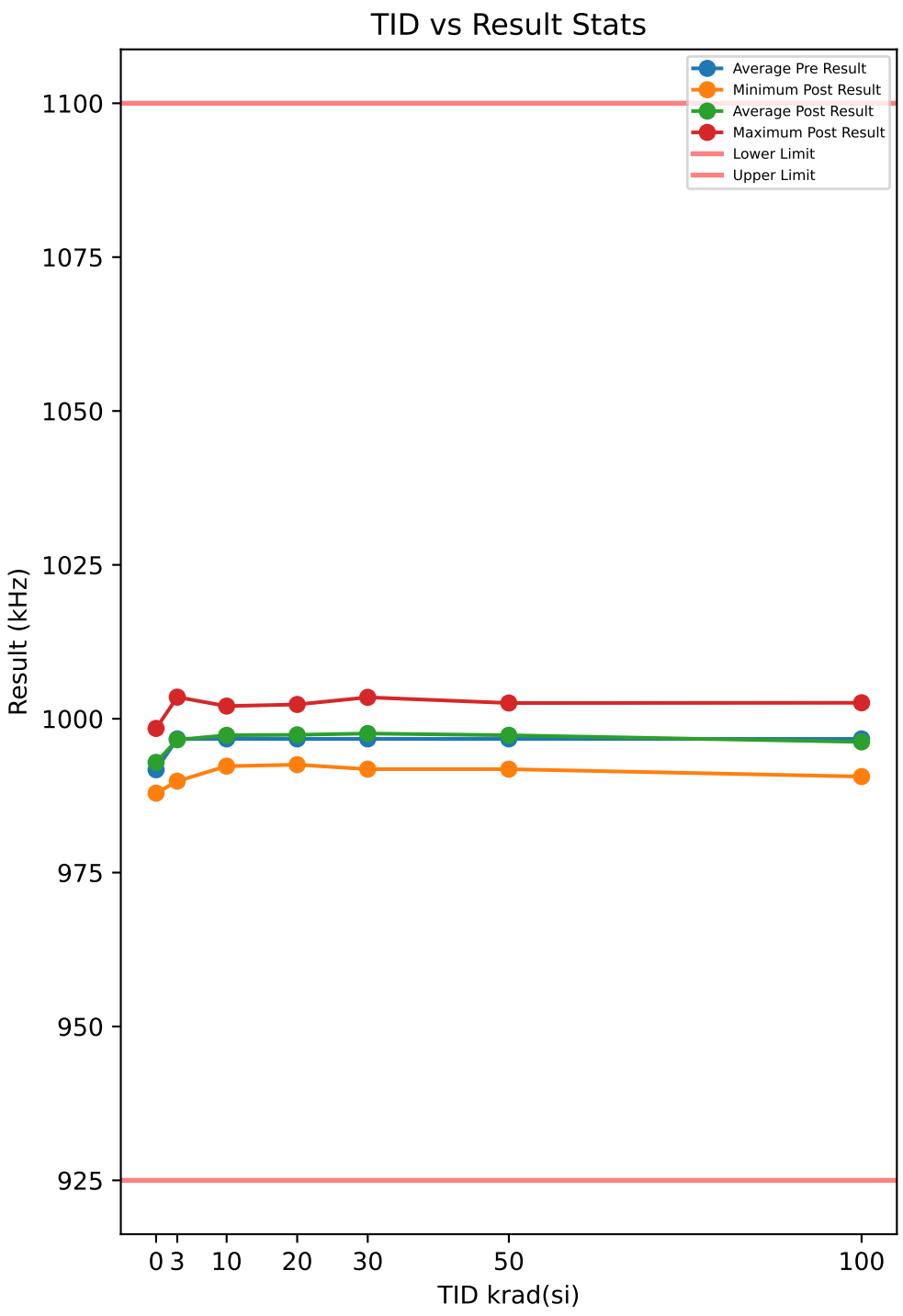
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.86	499.87	0.0141
2	3	LDR BIAS	499.83	499.86	0.0291
3	3	LDR BIAS	499.83	499.83	0.0042
4	3	LDR BIAS	499.83	499.84	0.005
5	3	LDR BIAS	499.97	499.85	-0.1163
6	3	LDR UNBIAS	499.87	499.82	-0.0524
7	3	LDR UNBIAS	499.83	499.8	-0.0384
8	3	LDR UNBIAS	499.84	499.83	-0.0118
9	3	LDR UNBIAS	499.89	499.87	-0.021
10	3	LDR UNBIAS	499.81	499.83	0.0152
11	0	CORRELATION	499.34	499.99	0.649
12	0	CORRELATION	498.72	500.03	1.31
13	0	CORRELATION	499.93	499.97	0.0416
14	0	CORRELATION	499.89	500	0.1095
21	10	LDR BIAS	499.86	500.03	0.1743
22	10	LDR BIAS	499.83	499.99	0.1649
23	10	LDR BIAS	499.83	500.02	0.1873
24	10	LDR BIAS	499.83	499.99	0.1591
25	10	LDR BIAS	499.97	500.03	0.0589
26	10	LDR UNBIAS	499.87	499.96	0.0904
27	10	LDR UNBIAS	499.83	499.98	0.1484
28	10	LDR UNBIAS	499.84	500.01	0.165
29	10	LDR UNBIAS	499.89	500.02	0.1286
30	10	LDR UNBIAS	499.81	500.01	0.197
31	20	LDR BIAS	499.86	499.99	0.1361
32	20	LDR BIAS	499.83	500.01	0.182
33	20	LDR BIAS	499.83	499.99	0.1603
34	20	LDR BIAS	499.83	499.99	0.1617
35	20	LDR BIAS	499.97	499.99	0.0208
36	20	LDR UNBIAS	499.87	500.01	0.1435
37	20	LDR UNBIAS	499.83	499.99	0.1538
38	20	LDR UNBIAS	499.84	500	0.1616
39	20	LDR UNBIAS	499.89	499.99	0.0949
40	20	LDR UNBIAS	499.81	500.01	0.2019
41	30	LDR BIAS	499.86	499.96	0.0992
42	30	LDR BIAS	499.83	500.02	0.193
43	30	LDR BIAS	499.83	500.01	0.1845
44	30	LDR BIAS	499.83	499.99	0.1568
45	30	LDR BIAS	499.97	499.95	-0.0143
46	30	LDR UNBIAS	499.87	500.02	0.1485
47	30	LDR UNBIAS	499.83	499.97	0.1377
48	30	LDR UNBIAS	499.84	499.97	0.1291
49	30	LDR UNBIAS	499.89	499.96	0.0655
50	30	LDR UNBIAS	499.81	500.02	0.2076
51	50	LDR BIAS	499.86	499.87	0.0091
52	50	LDR BIAS	499.83	499.87	0.0397
53	50	LDR BIAS	499.83	499.88	0.0496
54	50	LDR BIAS	499.83	499.88	0.0529
55	50	LDR BIAS	499.97	499.88	-0.0851
56	50	LDR UNBIAS	499.87	499.9	0.0372
57	50	LDR UNBIAS	499.83	499.86	0.0221
58	50	LDR UNBIAS	499.84	499.85	0.0094
59	50	LDR UNBIAS	499.89	499.84	-0.0499
60	50	LDR UNBIAS	499.81	499.85	0.041
61	100	LDR BIAS	499.86	499.83	-0.0228
62	100	LDR BIAS	499.83	499.86	0.0316
63	100	LDR BIAS	499.83	499.83	0.0045
64	100	LDR BIAS	499.83	499.87	0.0435
65	100	LDR BIAS	499.97	499.87	-0.1014
66	100	LDR UNBIAS	499.87	499.87	0.0046
67	100	LDR UNBIAS	499.83	499.82	-0.0103
68	100	LDR UNBIAS	499.84	499.83	-0.0129
69	100	LDR UNBIAS	499.89	499.86	-0.0348
70	100	LDR UNBIAS	499.81	499.86	0.0528

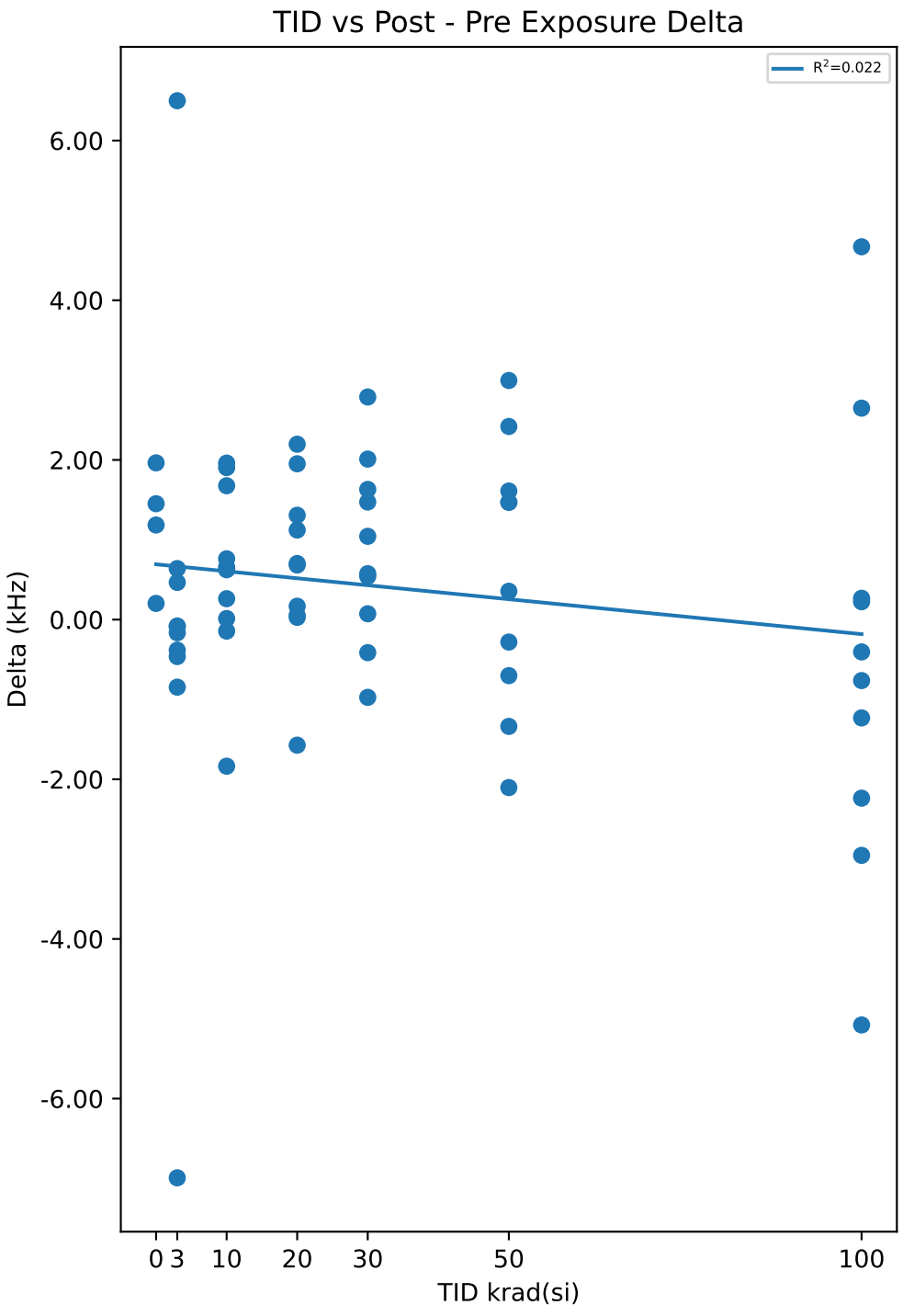


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	498.72	499.47	499.93	0.56991	499.97	500	500.03	0.021581	0.0416	0.52753	1.31	0.58819
3	499.81	499.86	499.97	0.046028	499.8	499.84	499.87	0.024515	-0.1163	-0.01723	0.0291	0.043046
10	499.81	499.86	499.97	0.046028	499.96	500	500.03	0.022941	0.0589	0.14739	0.197	0.043416
20	499.81	499.86	499.97	0.046028	499.99	500	500.01	0.010294	0.0208	0.14166	0.2019	0.050966
30	499.81	499.86	499.97	0.046028	499.95	499.99	500.02	0.028049	-0.0143	0.13076	0.2076	0.066673
50	499.81	499.86	499.97	0.046028	499.84	499.87	499.9	0.019375	-0.0851	0.0126	0.0529	0.045587
100	499.81	499.86	499.97	0.046028	499.82	499.85	499.87	0.019408	-0.1014	-0.00452	0.0528	0.044474

Device Test: 20.55 LEVEL|FREQ/RT/4.5/4.5/0/0/4.5/1MHz//@FSW_EXT_RT_D





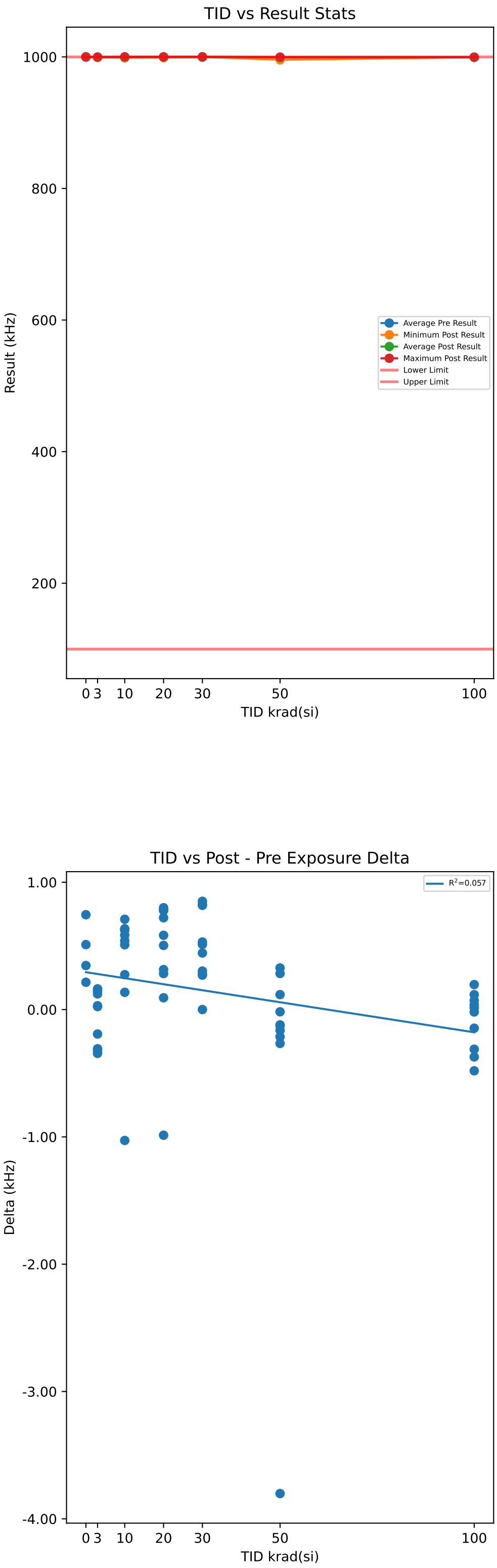
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	997.92	998.56	0.6392
2	3	LDR BIAS	996.85	989.86	-6.9922
3	3	LDR BIAS	990.34	996.83	6.4993
4	3	LDR BIAS	997.64	997.18	-0.4627
5	3	LDR BIAS	995.86	995.69	-0.1651
6	3	LDR UNBIAS	992.56	993.02	0.4657
7	3	LDR UNBIAS	994.47	993.62	-0.8462
8	3	LDR UNBIAS	999.73	999.64	-0.0884
9	3	LDR UNBIAS	1003.9	1003.5	-0.3828
10	3	LDR UNBIAS	997.99	997.91	-0.0799
11	0	CORRELATION	986.73	987.91	1.185
12	0	CORRELATION	990.64	990.84	0.2027
13	0	CORRELATION	996.97	998.42	1.4514
14	0	CORRELATION	992.51	994.47	1.9631
21	10	LDR BIAS	997.92	999.83	1.9044
22	10	LDR BIAS	996.85	998.53	1.6765
23	10	LDR BIAS	990.34	992.3	1.9602
24	10	LDR BIAS	997.64	997.9	0.2618
25	10	LDR BIAS	995.86	995.71	-0.1442
26	10	LDR UNBIAS	992.56	993.18	0.6242
27	10	LDR UNBIAS	994.47	994.48	0.0133
28	10	LDR UNBIAS	999.73	1000.5	0.7618
29	10	LDR UNBIAS	1003.9	1002.1	-1.8363
30	10	LDR UNBIAS	997.99	998.65	0.6598
31	20	LDR BIAS	997.92	999.87	1.9516
32	20	LDR BIAS	996.85	998.16	1.3073
33	20	LDR BIAS	990.34	992.53	2.1966
34	20	LDR BIAS	997.64	998.34	0.7023
35	20	LDR BIAS	995.86	995.89	0.0281
36	20	LDR UNBIAS	992.56	992.73	0.1674
37	20	LDR UNBIAS	994.47	994.52	0.0541
38	20	LDR UNBIAS	999.73	1000.4	0.6839
39	20	LDR UNBIAS	1003.9	1002.3	-1.5731
40	20	LDR UNBIAS	997.99	999.11	1.1221
41	30	LDR BIAS	997.92	1000.7	2.7882
42	30	LDR BIAS	996.85	998.48	1.6305
43	30	LDR BIAS	990.34	991.81	1.4728
44	30	LDR BIAS	997.64	996.67	-0.9739
45	30	LDR BIAS	995.86	996.9	1.0432
46	30	LDR UNBIAS	992.56	993.13	0.5751
47	30	LDR UNBIAS	994.47	994.54	0.073
48	30	LDR UNBIAS	999.73	1000.3	0.5423
49	30	LDR UNBIAS	1003.9	1003.5	-0.414
50	30	LDR UNBIAS	997.99	1000	2.0105
51	50	LDR BIAS	997.92	1000.9	2.995
52	50	LDR BIAS	996.85	998.32	1.4701
53	50	LDR BIAS	990.34	991.8	1.4695
54	50	LDR BIAS	997.64	997.36	-0.2815
55	50	LDR BIAS	995.86	996.21	0.3552
56	50	LDR UNBIAS	992.56	994.17	1.6106
57	50	LDR UNBIAS	994.47	992.36	-2.104
58	50	LDR UNBIAS	999.73	999.03	-0.7019
59	50	LDR UNBIAS	1003.9	1002.6	-1.3376
60	50	LDR UNBIAS	997.99	1000.4	2.419
61	100	LDR BIAS	997.92	1002.6	4.6699
62	100	LDR BIAS	996.85	996.45	-0.4049
63	100	LDR BIAS	990.34	990.6	0.2671
64	100	LDR BIAS	997.64	995.4	-2.2367
65	100	LDR BIAS	995.86	998.51	2.6485
66	100	LDR UNBIAS	992.56	992.78	0.2241
67	100	LDR UNBIAS	994.47	993.23	-1.2314
68	100	LDR UNBIAS	999.73	998.96	-0.7639
69	100	LDR UNBIAS	1003.9	1000.9	-2.953
70	100	LDR UNBIAS	997.99	992.91	-5.0775

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	986.73	991.71	996.97	4.2543	987.91	992.91	998.42	4.5493	0.2027	1.2005	1.9631	0.73945
3	990.34	996.72	1003.9	3.7755	989.86	996.58	1003.5	3.8124	-6.9922	-0.14131	6.4993	3.2089
10	990.34	996.72	1003.9	3.7755	992.3	997.31	1002.1	3.2543	-1.8363	0.58815	1.9602	1.1396
20	990.34	996.72	1003.9	3.7755	992.53	997.39	1002.3	3.3315	-1.5731	0.66403	2.1966	1.0883
30	990.34	996.72	1003.9	3.7755	991.81	997.6	1003.5	3.6831	-0.9739	0.87477	2.7882	1.1465
50	990.34	996.72	1003.9	3.7755	991.8	997.31	1002.6	3.6502	-2.104	0.58944	2.995	1.6725
100	990.34	996.72	1003.9	3.7755	990.6	996.24	1002.6	3.9378	-5.0775	-0.48578	4.6699	2.7558

Device Test: 20.56 LEVEL|FREQ/SYNC/4.5/4.5/0/0/4.5/1MHz//@FREQ_SYNC_EXT



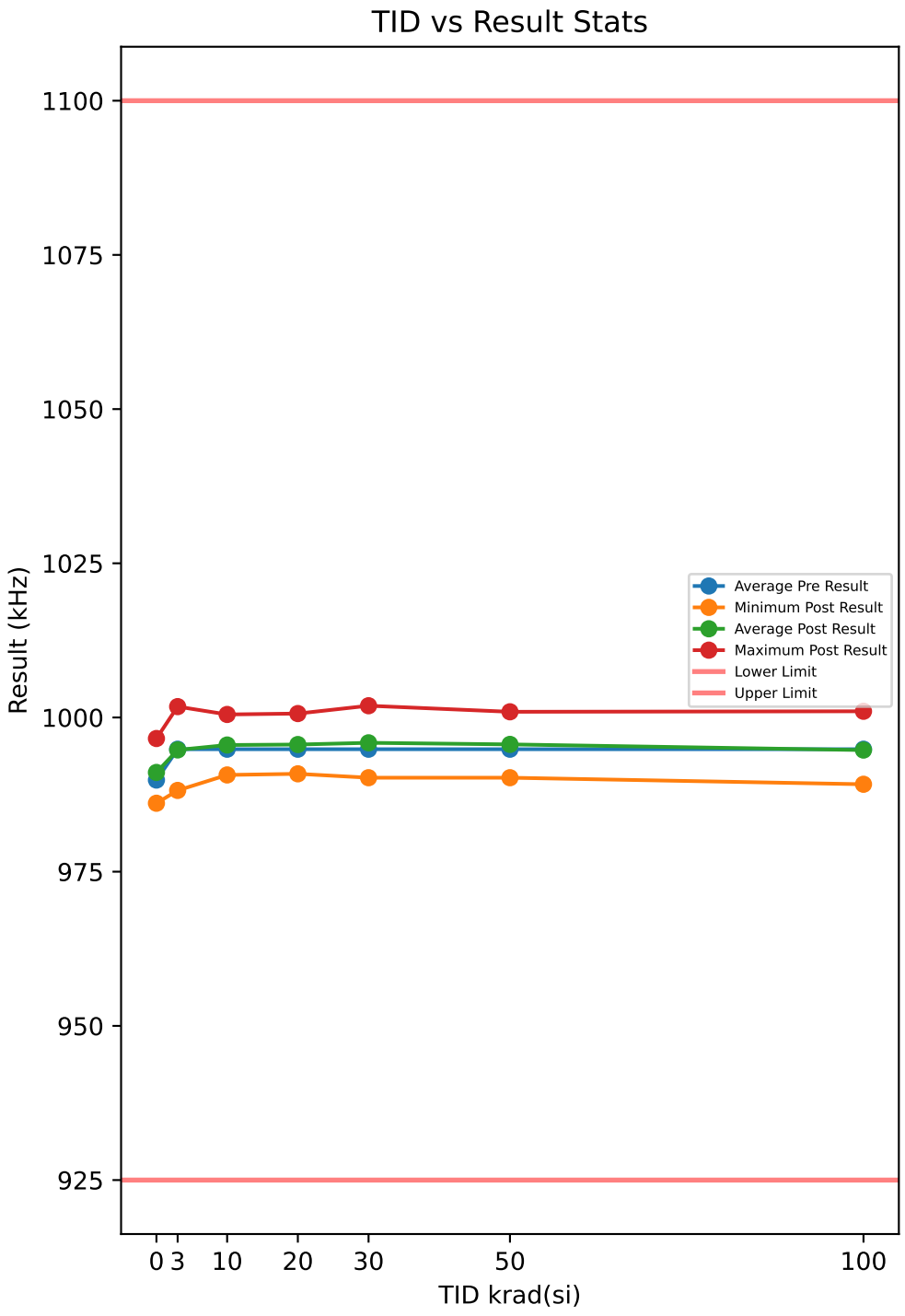
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

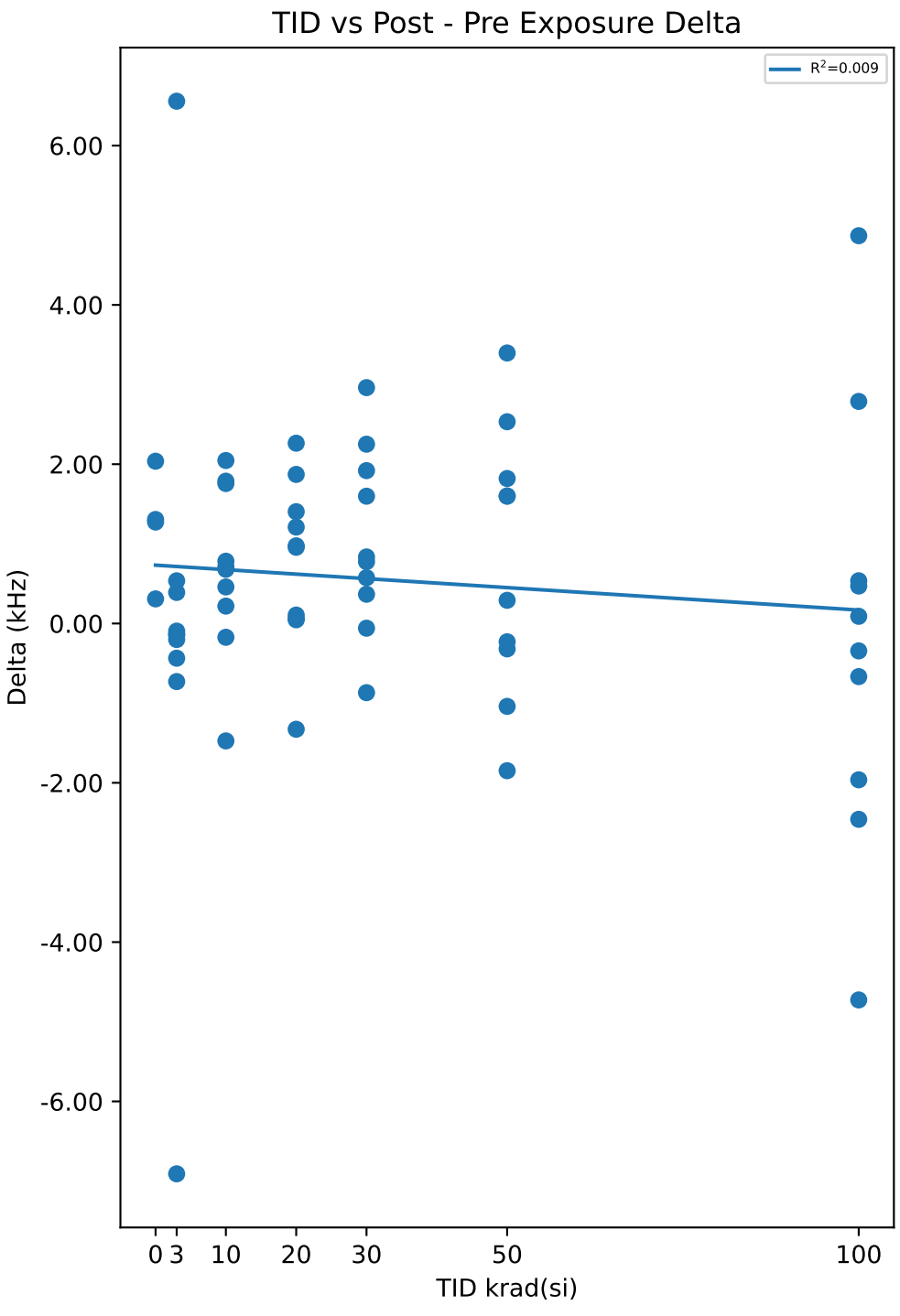
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.73	999.39	-0.3441
2	3	LDR BIAS	999.31	999.47	0.1588
3	3	LDR BIAS	999.38	999.41	0.03
4	3	LDR BIAS	999.54	999.35	-0.1921
5	3	LDR BIAS	999.73	999.86	0.1229
6	3	LDR UNBIAS	999.3	999.45	0.1436
7	3	LDR UNBIAS	999.44	999.13	-0.3082
8	3	LDR UNBIAS	999.55	999.57	0.0235
9	3	LDR UNBIAS	999.82	999.5	-0.3236
10	3	LDR UNBIAS	999.33	999.49	0.1627
11	0	CORRELATION	999.27	1000	0.7449
12	0	CORRELATION	999.56	999.91	0.3459
13	0	CORRELATION	999.86	1000.1	0.2146
14	0	CORRELATION	999.53	1000	0.5102
21	10	LDR BIAS	999.73	998.7	-1.0282
22	10	LDR BIAS	999.31	999.94	0.6351
23	10	LDR BIAS	999.38	999.96	0.5843
24	10	LDR BIAS	999.54	1000.1	0.5407
25	10	LDR BIAS	999.73	1000	0.2744
26	10	LDR UNBIAS	999.3	999.93	0.6243
27	10	LDR UNBIAS	999.44	1000.1	0.6266
28	10	LDR UNBIAS	999.55	1000.1	0.5089
29	10	LDR UNBIAS	999.82	999.96	0.1354
30	10	LDR UNBIAS	999.33	1000	0.7091
31	20	LDR BIAS	999.73	999.82	0.0925
32	20	LDR BIAS	999.31	1000.1	0.7857
33	20	LDR BIAS	999.38	999.96	0.5834
34	20	LDR BIAS	999.54	1000	0.5038
35	20	LDR BIAS	999.73	1000	0.2827
36	20	LDR UNBIAS	999.3	1000.1	0.777
37	20	LDR UNBIAS	999.44	1000.2	0.721
38	20	LDR UNBIAS	999.55	999.86	0.314
39	20	LDR UNBIAS	999.82	998.83	-0.9869
40	20	LDR UNBIAS	999.33	1000.1	0.7999
41	30	LDR BIAS	999.73	1000	0.2784
42	30	LDR BIAS	999.31	1000.2	0.8504
43	30	LDR BIAS	999.38	999.89	0.5121
44	30	LDR BIAS	999.54	1000.1	0.5308
45	30	LDR BIAS	999.73	1000	0.2703
46	30	LDR UNBIAS	999.3	1000.1	0.8262
47	30	LDR UNBIAS	999.44	999.88	0.4444
48	30	LDR UNBIAS	999.55	999.85	0.3025
49	30	LDR UNBIAS	999.82	999.82	0.0002
50	30	LDR UNBIAS	999.33	1000.1	0.8185
51	50	LDR BIAS	999.73	999.46	-0.2663
52	50	LDR BIAS	999.31	999.64	0.3268
53	50	LDR BIAS	999.38	995.57	-3.8014
54	50	LDR BIAS	999.54	999.41	-0.1284
55	50	LDR BIAS	999.73	999.57	-0.1633
56	50	LDR UNBIAS	999.3	999.59	0.2832
57	50	LDR UNBIAS	999.44	999.42	-0.0175
58	50	LDR UNBIAS	999.55	999.43	-0.1199
59	50	LDR UNBIAS	999.82	999.61	-0.2138
60	50	LDR UNBIAS	999.33	999.44	0.1176
61	100	LDR BIAS	999.73	999.42	-0.3115
62	100	LDR BIAS	999.31	999.38	0.0711
63	100	LDR BIAS	999.38	999.57	0.196
64	100	LDR BIAS	999.54	999.58	0.0378
65	100	LDR BIAS	999.73	999.36	-0.372
66	100	LDR UNBIAS	999.3	999.32	0.0142
67	100	LDR UNBIAS	999.44	999.29	-0.1464
68	100	LDR UNBIAS	999.55	999.53	-0.0188
69	100	LDR UNBIAS	999.82	999.34	-0.481
70	100	LDR UNBIAS	999.33	999.44	0.117

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	999.27	999.56	999.86	0.2425	999.91	1000	1000.1	0.071867	0.2146	0.4539	0.7449	0.2286
3	999.3	999.51	999.82	0.19371	999.13	999.46	999.86	0.18278	-0.3441	-0.05265	0.1627	0.21503
10	999.3	999.51	999.82	0.19371	998.7	999.87	1000.1	0.41536	-1.0282	0.36106	0.7091	0.51945
20	999.3	999.51	999.82	0.19371	998.83	999.9	1000.2	0.39067	-0.9869	0.38731	0.7999	0.54118
30	999.3	999.51	999.82	0.19371	999.82	1000	1000.2	0.12859	0.0002	0.48338	0.8504	0.28338
50	999.3	999.51	999.82	0.19371	995.57	999.11	999.64	1.247	-3.8014	-0.3983	0.3268	1.2129
100	999.3	999.51	999.82	0.19371	999.29	999.42	999.58	0.10481	-0.481	-0.08936	0.196	0.22791

Device Test: 20.59 LEVEL|FREQ/RT/5/5/0/0/5/1MHz//@FSW_EXT_RT_D





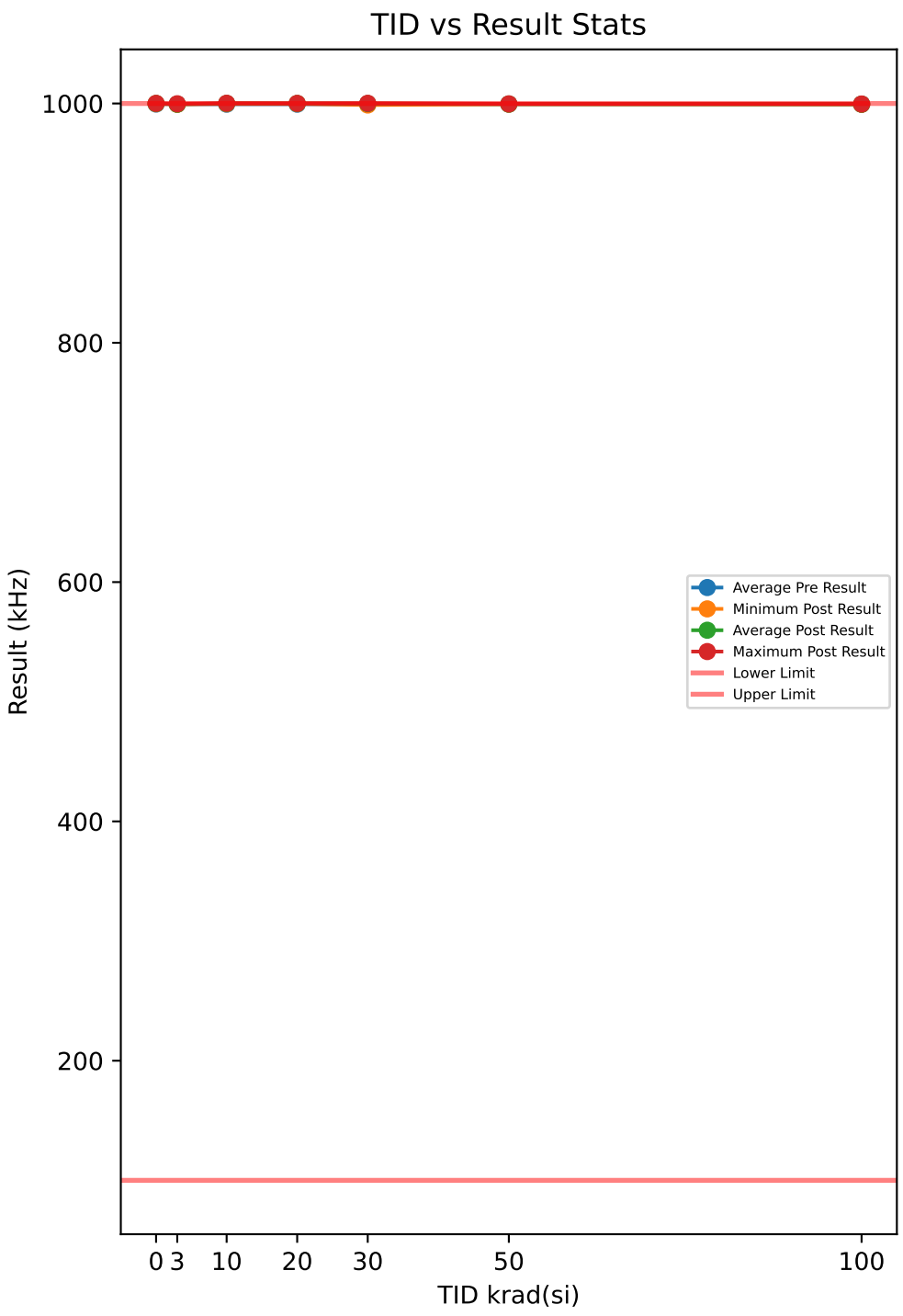
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

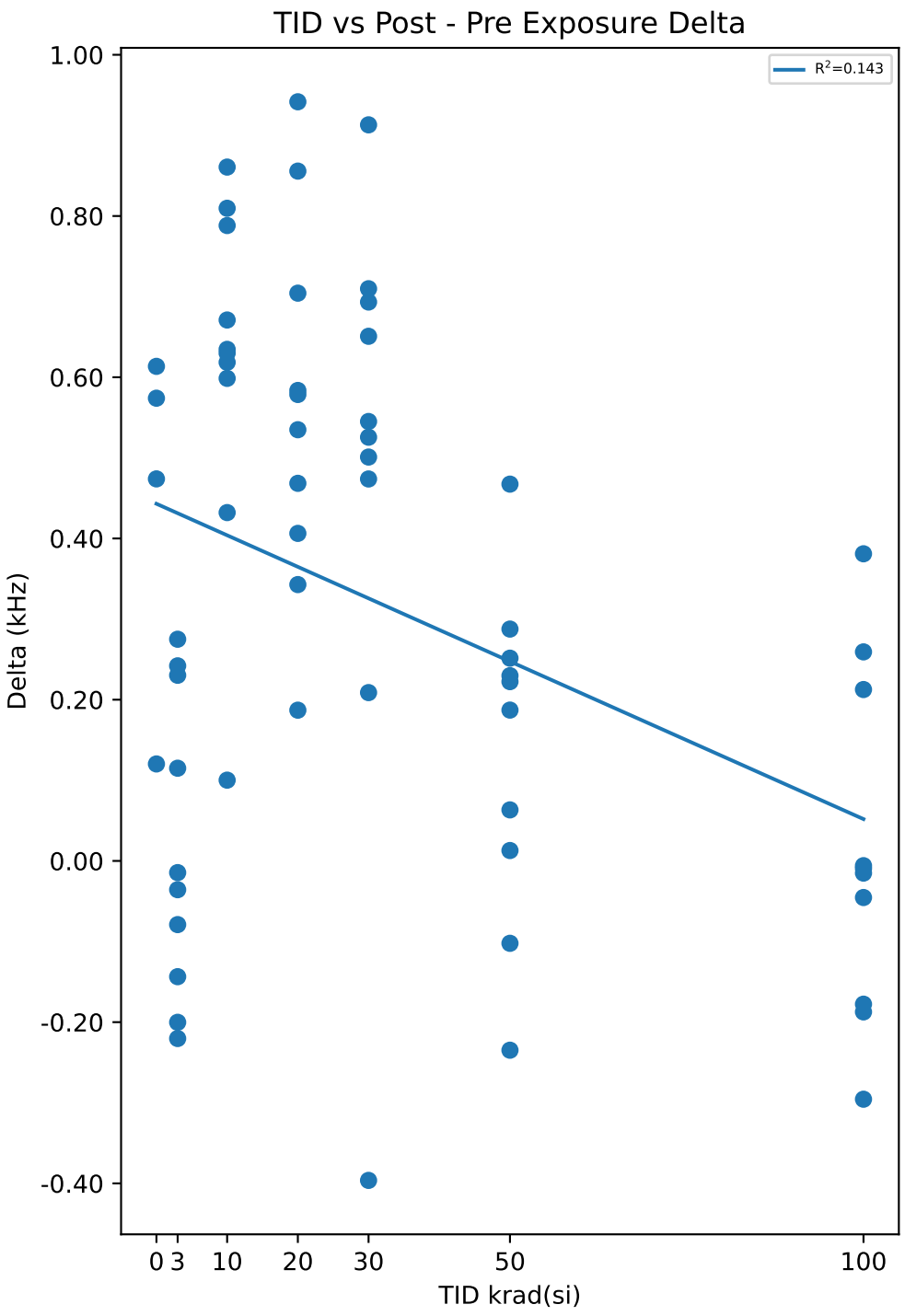
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	996.14	996.67	0.536
2	3	LDR BIAS	995.08	988.17	-6.9092
3	3	LDR BIAS	988.64	995.19	6.5572
4	3	LDR BIAS	995.58	995.15	-0.4355
5	3	LDR BIAS	994.15	994.05	-0.0956
6	3	LDR UNBIAS	990.81	991.2	0.3899
7	3	LDR UNBIAS	992.46	991.73	-0.7291
8	3	LDR UNBIAS	997.77	997.62	-0.1415
9	3	LDR UNBIAS	1002	1001.8	-0.2009
10	3	LDR UNBIAS	995.97	995.83	-0.1398
11	0	CORRELATION	984.79	986.1	1.3062
12	0	CORRELATION	988.61	988.92	0.3092
13	0	CORRELATION	995.32	996.59	1.2738
14	0	CORRELATION	990.71	992.74	2.0374
21	10	LDR BIAS	996.14	997.92	1.7868
22	10	LDR BIAS	995.08	996.84	1.7575
23	10	LDR BIAS	988.64	990.68	2.0463
24	10	LDR BIAS	995.58	996.04	0.4591
25	10	LDR BIAS	994.15	993.97	-0.173
26	10	LDR UNBIAS	990.81	991.52	0.712
27	10	LDR UNBIAS	992.46	992.68	0.2184
28	10	LDR UNBIAS	997.77	998.55	0.7821
29	10	LDR UNBIAS	1002	1000.5	-1.4741
30	10	LDR UNBIAS	995.97	996.65	0.6802
31	20	LDR BIAS	996.14	998.01	1.8716
32	20	LDR BIAS	995.08	996.49	1.4039
33	20	LDR BIAS	988.64	990.9	2.2636
34	20	LDR BIAS	995.58	996.54	0.9569
35	20	LDR BIAS	994.15	994.25	0.106
36	20	LDR UNBIAS	990.81	990.87	0.0591
37	20	LDR UNBIAS	992.46	992.51	0.0467
38	20	LDR UNBIAS	997.77	998.74	0.9752
39	20	LDR UNBIAS	1002	1000.6	-1.3278
40	20	LDR UNBIAS	995.97	997.18	1.2104
41	30	LDR BIAS	996.14	999.1	2.9614
42	30	LDR BIAS	995.08	997	1.9193
43	30	LDR BIAS	988.64	990.23	1.5983
44	30	LDR BIAS	995.58	994.72	-0.8682
45	30	LDR BIAS	994.15	994.98	0.8356
46	30	LDR UNBIAS	990.81	991.38	0.5747
47	30	LDR UNBIAS	992.46	992.83	0.3672
48	30	LDR UNBIAS	997.77	998.54	0.776
49	30	LDR UNBIAS	1002	1001.9	-0.059
50	30	LDR UNBIAS	995.97	998.22	2.251
51	50	LDR BIAS	996.14	999.53	3.3961
52	50	LDR BIAS	995.08	996.68	1.6007
53	50	LDR BIAS	988.64	990.24	1.5986
54	50	LDR BIAS	995.58	995.35	-0.2297
55	50	LDR BIAS	994.15	994.44	0.2912
56	50	LDR UNBIAS	990.81	992.63	1.8202
57	50	LDR UNBIAS	992.46	990.61	-1.848
58	50	LDR UNBIAS	997.77	997.45	-0.3186
59	50	LDR UNBIAS	1002	1000.9	-1.0406
60	50	LDR UNBIAS	995.97	998.51	2.533
61	100	LDR BIAS	996.14	1001	4.8685
62	100	LDR BIAS	995.08	995.17	0.0903
63	100	LDR BIAS	988.64	989.17	0.5364
64	100	LDR BIAS	995.58	993.62	-1.9624
65	100	LDR BIAS	994.15	996.94	2.7884
66	100	LDR UNBIAS	990.81	991.28	0.4703
67	100	LDR UNBIAS	992.46	991.8	-0.6667
68	100	LDR UNBIAS	997.77	997.42	-0.3439
69	100	LDR UNBIAS	1002	999.5	-2.4585
70	100	LDR UNBIAS	995.97	991.25	-4.7261

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	984.79	989.86	995.32	4.3876	986.1	991.09	996.59	4.5691	0.3092	1.2316	2.0374	0.70887
3	988.64	994.86	1002	3.7084	988.17	994.74	1001.8	3.7731	-6.9092	-0.11685	6.5572	3.1946
10	988.64	994.86	1002	3.7084	990.68	995.54	1000.5	3.2112	-1.4741	0.67953	2.0463	1.0485
20	988.64	994.86	1002	3.7084	990.87	995.61	1000.6	3.3513	-1.3278	0.75656	2.2636	1.0533
30	988.64	994.86	1002	3.7084	990.23	995.89	1001.9	3.7129	-0.8682	1.0356	2.9614	1.1486
50	988.64	994.86	1002	3.7084	990.24	995.64	1000.9	3.6624	-1.848	0.78029	3.3961	1.6676
100	988.64	994.86	1002	3.7084	989.17	994.72	1001	3.9337	-4.7261	-0.14037	4.8685	2.679

Device Test: 20.60 LEVEL|FREQ/SYNC/5/5/0/0/5/1MHz//@FREQ_SYNC_EXT





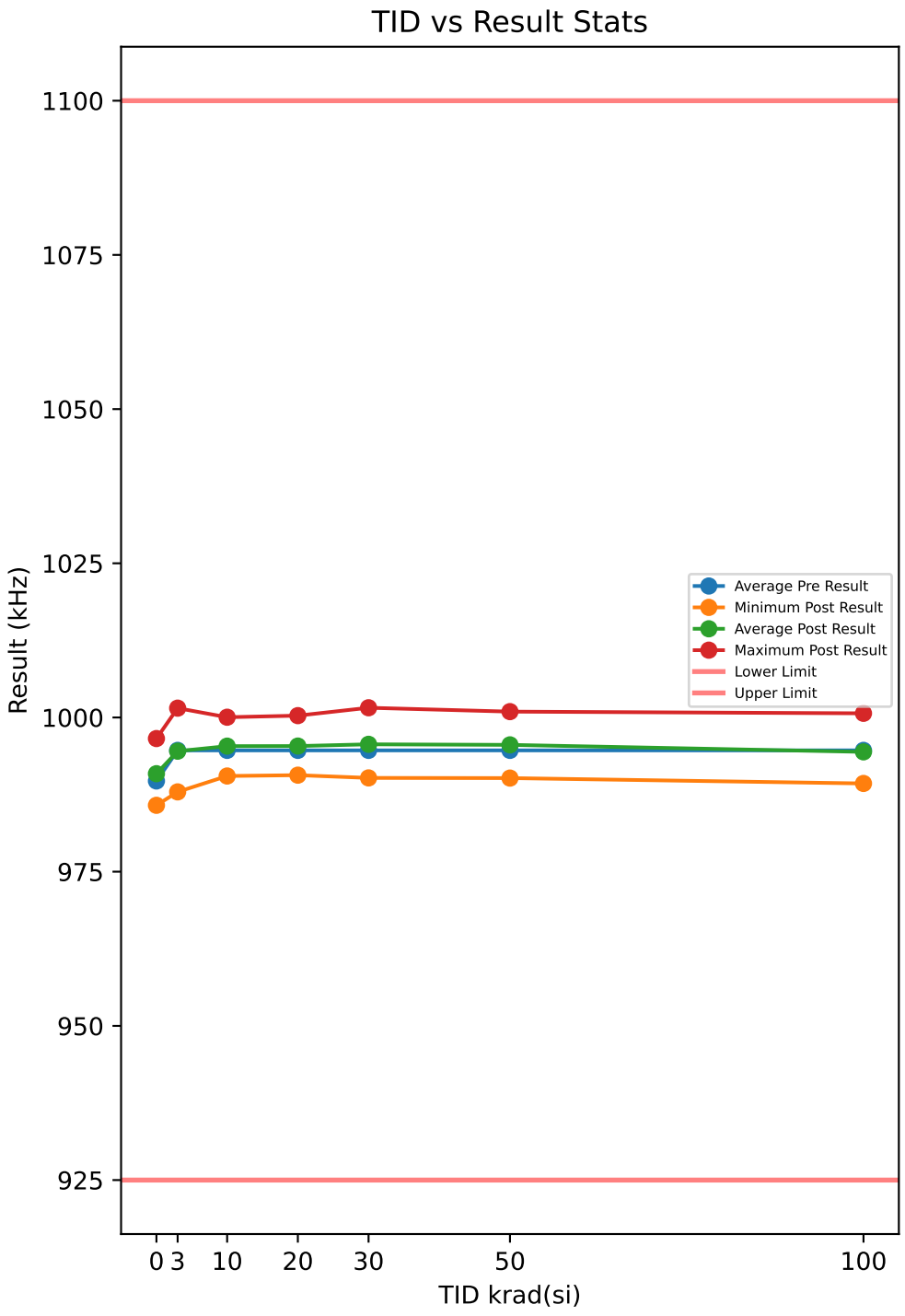
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

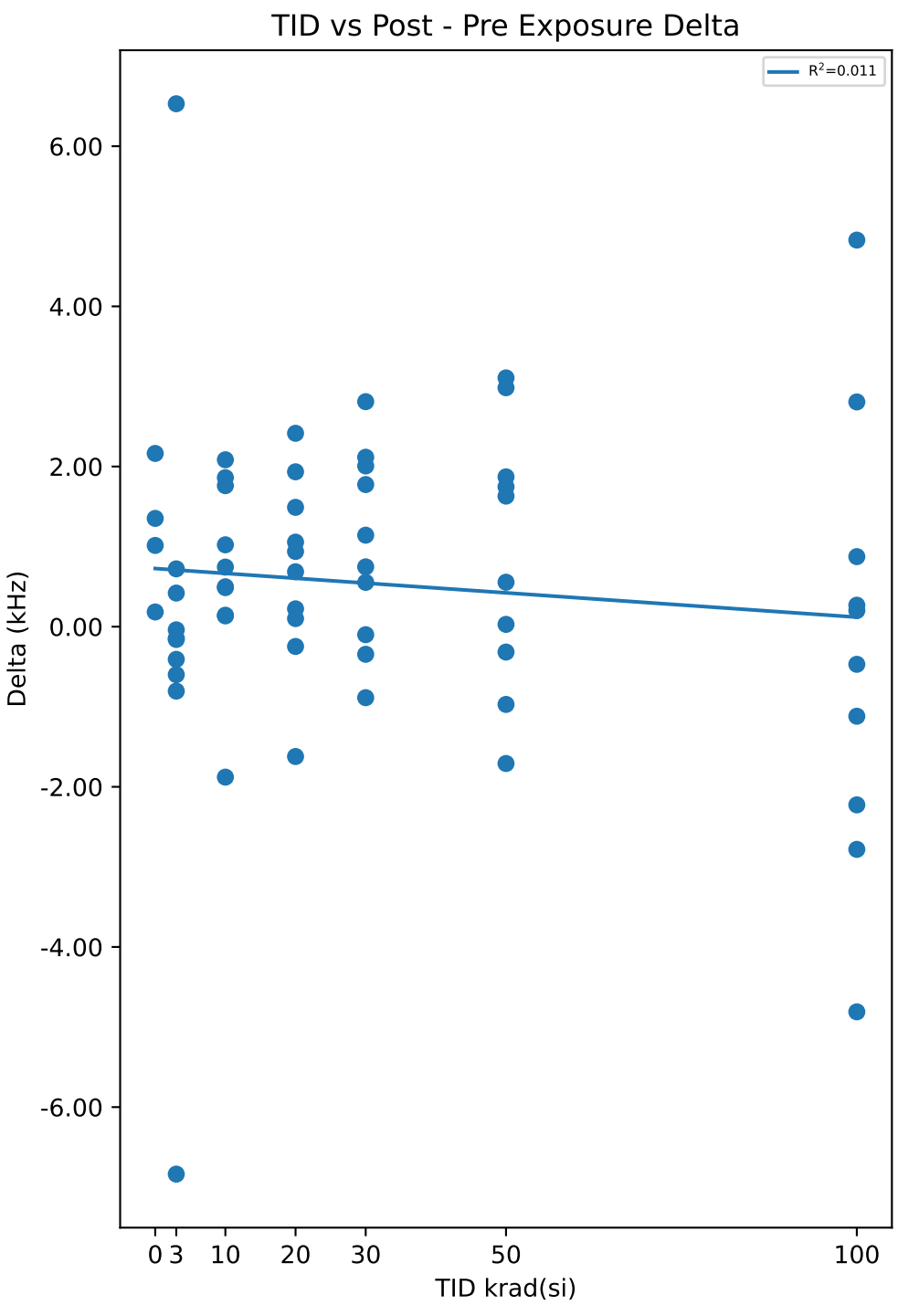
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.51	999.37	-0.1436
2	3	LDR BIAS	999.51	999.43	-0.079
3	3	LDR BIAS	999.34	999.3	-0.0357
4	3	LDR BIAS	999.31	999.54	0.2303
5	3	LDR BIAS	999.85	999.63	-0.2203
6	3	LDR UNBIAS	999.49	999.29	-0.2002
7	3	LDR UNBIAS	999.13	999.37	0.242
8	3	LDR UNBIAS	999.36	999.34	-0.0145
9	3	LDR UNBIAS	999.49	999.76	0.275
10	3	LDR UNBIAS	999.24	999.35	0.115
11	0	CORRELATION	999.2	999.82	0.6135
12	0	CORRELATION	999.53	1000.1	0.574
13	0	CORRELATION	999.92	1000	0.1203
14	0	CORRELATION	999.52	999.99	0.4739
21	10	LDR BIAS	999.51	1000.1	0.6299
22	10	LDR BIAS	999.51	1000.1	0.5986
23	10	LDR BIAS	999.34	1000.2	0.8607
24	10	LDR BIAS	999.31	999.95	0.6346
25	10	LDR BIAS	999.85	999.95	0.1002
26	10	LDR UNBIAS	999.49	1000.1	0.6185
27	10	LDR UNBIAS	999.13	999.94	0.8096
28	10	LDR UNBIAS	999.36	999.79	0.4321
29	10	LDR UNBIAS	999.49	1000.2	0.671
30	10	LDR UNBIAS	999.24	1000	0.7882
31	20	LDR BIAS	999.51	999.98	0.4684
32	20	LDR BIAS	999.51	1000.1	0.5786
33	20	LDR BIAS	999.34	999.92	0.5836
34	20	LDR BIAS	999.31	1000	0.7043
35	20	LDR BIAS	999.85	1000	0.187
36	20	LDR UNBIAS	999.49	999.89	0.4063
37	20	LDR UNBIAS	999.13	1000.1	0.9417
38	20	LDR UNBIAS	999.36	999.89	0.5349
39	20	LDR UNBIAS	999.49	999.83	0.3428
40	20	LDR UNBIAS	999.24	1000.1	0.8557
41	30	LDR BIAS	999.51	1000	0.5256
42	30	LDR BIAS	999.51	1000.2	0.6508
43	30	LDR BIAS	999.34	1000	0.7098
44	30	LDR BIAS	999.31	999.86	0.5451
45	30	LDR BIAS	999.85	1000.1	0.2088
46	30	LDR UNBIAS	999.49	999.96	0.4738
47	30	LDR UNBIAS	999.13	998.73	-0.3963
48	30	LDR UNBIAS	999.36	1000	0.6933
49	30	LDR UNBIAS	999.49	999.99	0.501
50	30	LDR UNBIAS	999.24	1000.2	0.9131
51	50	LDR BIAS	999.51	999.41	-0.1022
52	50	LDR BIAS	999.51	999.57	0.0633
53	50	LDR BIAS	999.34	999.59	0.2515
54	50	LDR BIAS	999.31	999.6	0.2876
55	50	LDR BIAS	999.85	999.62	-0.2348
56	50	LDR UNBIAS	999.49	999.5	0.0129
57	50	LDR UNBIAS	999.13	999.6	0.4674
58	50	LDR UNBIAS	999.36	999.58	0.2224
59	50	LDR UNBIAS	999.49	999.67	0.1871
60	50	LDR UNBIAS	999.24	999.47	0.2298
61	100	LDR BIAS	999.51	999.32	-0.1873
62	100	LDR BIAS	999.51	999.33	-0.1777
63	100	LDR BIAS	999.34	999.55	0.2126
64	100	LDR BIAS	999.31	999.3	-0.0151
65	100	LDR BIAS	999.85	999.55	-0.2956
66	100	LDR UNBIAS	999.49	999.48	-0.0059
67	100	LDR UNBIAS	999.13	999.51	0.381
68	100	LDR UNBIAS	999.36	999.31	-0.0454
69	100	LDR UNBIAS	999.49	999.48	-0.0094
70	100	LDR UNBIAS	999.24	999.5	0.2593

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	999.2	999.54	999.92	0.29314	999.82	999.99	1000.1	0.12237	0.1203	0.44543	0.6135	0.22457
3	999.13	999.42	999.85	0.19705	999.29	999.44	999.76	0.15611	-0.2203	0.0169	0.275	0.18695
10	999.13	999.42	999.85	0.19705	999.79	1000	1000.2	0.12802	0.1002	0.61434	0.8607	0.21877
20	999.13	999.42	999.85	0.19705	999.83	999.98	1000.1	0.094439	0.187	0.56033	0.9417	0.22945
30	999.13	999.42	999.85	0.19705	998.73	999.9	1000.2	0.42033	-0.3963	0.4825	0.9131	0.35951
50	999.13	999.42	999.85	0.19705	999.41	999.56	999.67	0.078844	-0.2348	0.1385	0.4674	0.20538
100	999.13	999.42	999.85	0.19705	999.3	999.43	999.55	0.10486	-0.2956	0.01165	0.381	0.21414

Device Test: 20.63 LEVEL|FREQ/RT/12/12/0/0/5/1MHz//@FSW_EXT_RT_D





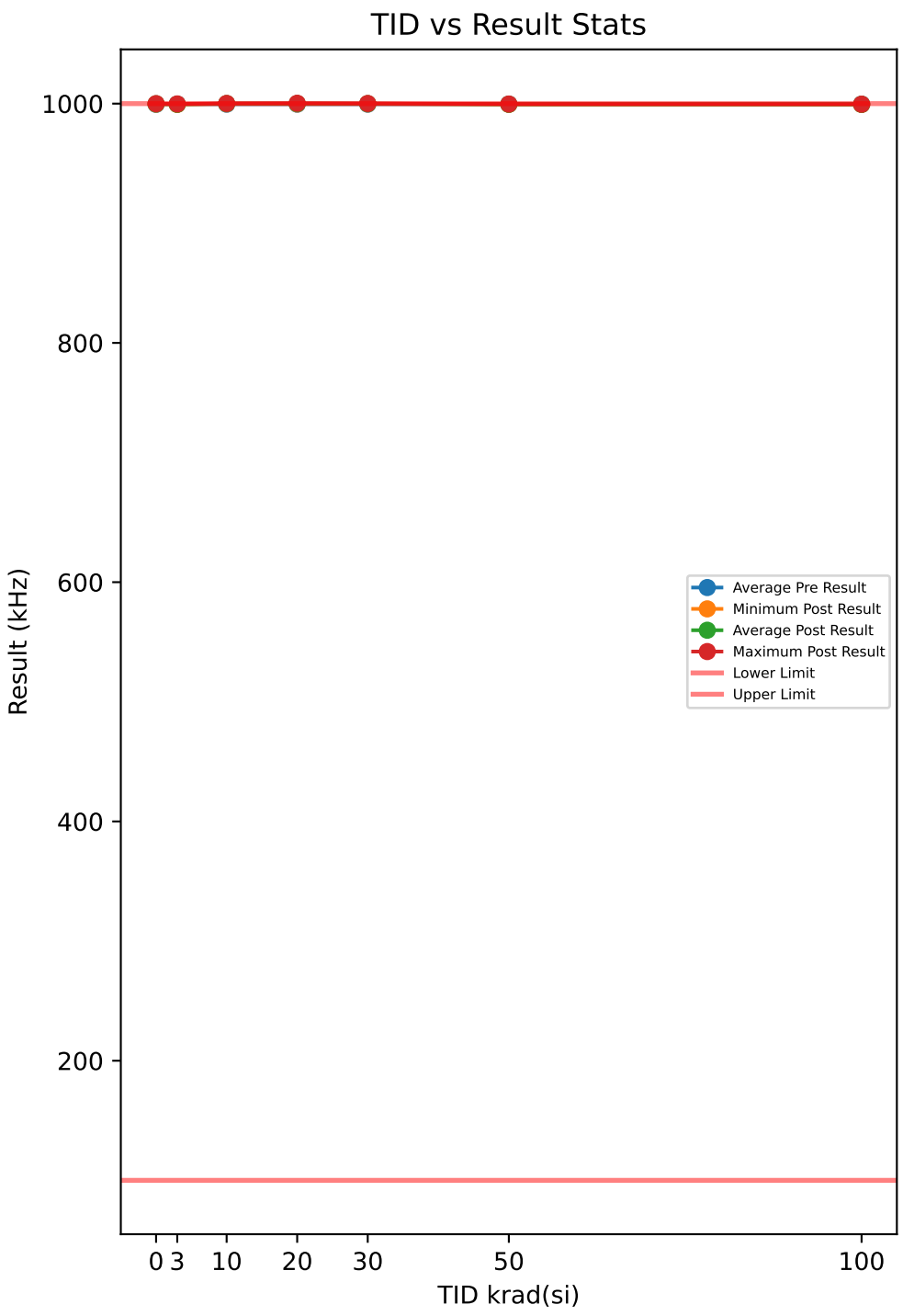
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	995.85	996.57	0.7219
2	3	LDR BIAS	994.77	987.94	-6.8368
3	3	LDR BIAS	988.43	994.96	6.5304
4	3	LDR BIAS	995.45	994.85	-0.5992
5	3	LDR BIAS	993.76	993.6	-0.1597
6	3	LDR UNBIAS	990.55	990.97	0.4195
7	3	LDR UNBIAS	992.5	991.7	-0.8049
8	3	LDR UNBIAS	997.58	997.54	-0.0396
9	3	LDR UNBIAS	1001.9	1001.5	-0.4082
10	3	LDR UNBIAS	995.86	995.72	-0.1446
11	0	CORRELATION	984.75	985.76	1.0143
12	0	CORRELATION	988.39	988.58	0.1836
13	0	CORRELATION	995.23	996.58	1.3521
14	0	CORRELATION	990.46	992.62	2.1635
21	10	LDR BIAS	995.85	997.71	1.8608
22	10	LDR BIAS	994.77	996.53	1.7608
23	10	LDR BIAS	988.43	990.51	2.0842
24	10	LDR BIAS	995.45	995.95	0.498
25	10	LDR BIAS	993.76	993.9	0.1431
26	10	LDR UNBIAS	990.55	991.29	0.7441
27	10	LDR UNBIAS	992.5	992.64	0.1347
28	10	LDR UNBIAS	997.58	998.61	1.0223
29	10	LDR UNBIAS	1001.9	1000	-1.8791
30	10	LDR UNBIAS	995.86	996.35	0.4875
31	20	LDR BIAS	995.85	997.78	1.934
32	20	LDR BIAS	994.77	996.26	1.4902
33	20	LDR BIAS	988.43	990.84	2.415
34	20	LDR BIAS	995.45	996.14	0.6858
35	20	LDR BIAS	993.76	993.98	0.2226
36	20	LDR UNBIAS	990.55	990.65	0.101
37	20	LDR UNBIAS	992.5	992.25	-0.2472
38	20	LDR UNBIAS	997.58	998.52	0.9391
39	20	LDR UNBIAS	1001.9	1000.3	-1.6216
40	20	LDR UNBIAS	995.86	996.92	1.0557
41	30	LDR BIAS	995.85	998.66	2.8099
42	30	LDR BIAS	994.77	996.78	2.007
43	30	LDR BIAS	988.43	990.2	1.7746
44	30	LDR BIAS	995.45	994.56	-0.8869
45	30	LDR BIAS	993.76	994.9	1.1425
46	30	LDR UNBIAS	990.55	991.1	0.5533
47	30	LDR UNBIAS	992.5	992.4	-0.1003
48	30	LDR UNBIAS	997.58	998.33	0.7471
49	30	LDR UNBIAS	1001.9	1001.6	-0.3448
50	30	LDR UNBIAS	995.86	997.98	2.1158
51	50	LDR BIAS	995.85	998.95	3.1066
52	50	LDR BIAS	994.77	996.4	1.6306
53	50	LDR BIAS	988.43	990.17	1.7461
54	50	LDR BIAS	995.45	995.48	0.0285
55	50	LDR BIAS	993.76	994.32	0.5549
56	50	LDR UNBIAS	990.55	992.42	1.8708
57	50	LDR UNBIAS	992.5	990.79	-1.7088
58	50	LDR UNBIAS	997.58	997.27	-0.3172
59	50	LDR UNBIAS	1001.9	1000.9	-0.9711
60	50	LDR UNBIAS	995.86	998.85	2.9839
61	100	LDR BIAS	995.85	1000.7	4.8275
62	100	LDR BIAS	994.77	994.97	0.2011
63	100	LDR BIAS	988.43	989.3	0.8746
64	100	LDR BIAS	995.45	993.23	-2.2254
65	100	LDR BIAS	993.76	996.57	2.8065
66	100	LDR UNBIAS	990.55	990.81	0.268
67	100	LDR UNBIAS	992.5	991.38	-1.1184
68	100	LDR UNBIAS	997.58	997.11	-0.4701
69	100	LDR UNBIAS	1001.9	999.14	-2.7812
70	100	LDR UNBIAS	995.86	991.05	-4.8101

Test Statistics (kHz)

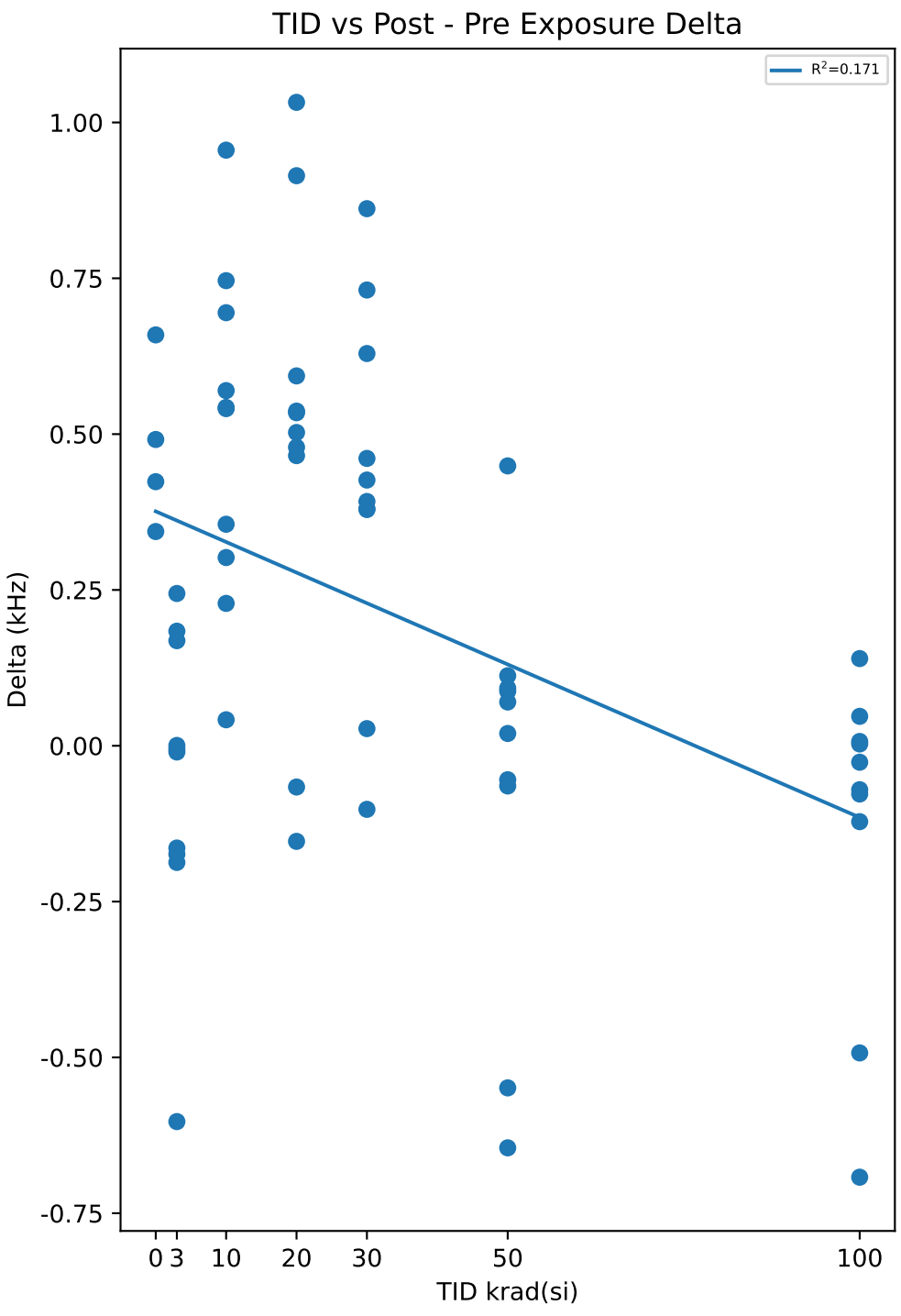
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	984.75	989.71	995.23	4.3742	985.76	990.88	996.58	4.728	0.1836	1.1784	2.1635	0.81999
3	988.43	994.67	1001.9	3.7414	987.94	994.54	1001.5	3.7824	-6.8368	-0.13212	6.5304	3.1821
10	988.43	994.67	1001.9	3.7414	990.51	995.35	1000	3.167	-1.8791	0.68564	2.0842	1.1479
20	988.43	994.67	1001.9	3.7414	990.65	995.37	1000.3	3.3042	-1.6216	0.69746	2.415	1.1617
30	988.43	994.67	1001.9	3.7414	990.2	995.65	1001.6	3.6624	-0.8869	0.98182	2.8099	1.2016
50	988.43	994.67	1001.9	3.7414	990.17	995.56	1000.9	3.6234	-1.7088	0.89243	3.1066	1.6354
100	988.43	994.67	1001.9	3.7414	989.3	994.42	1000.7	3.8693	-4.8101	-0.24275	4.8275	2.7642

Device Test: 20.64 LEVEL|FREQ/SYNC/12/12/0/0/5/1MHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

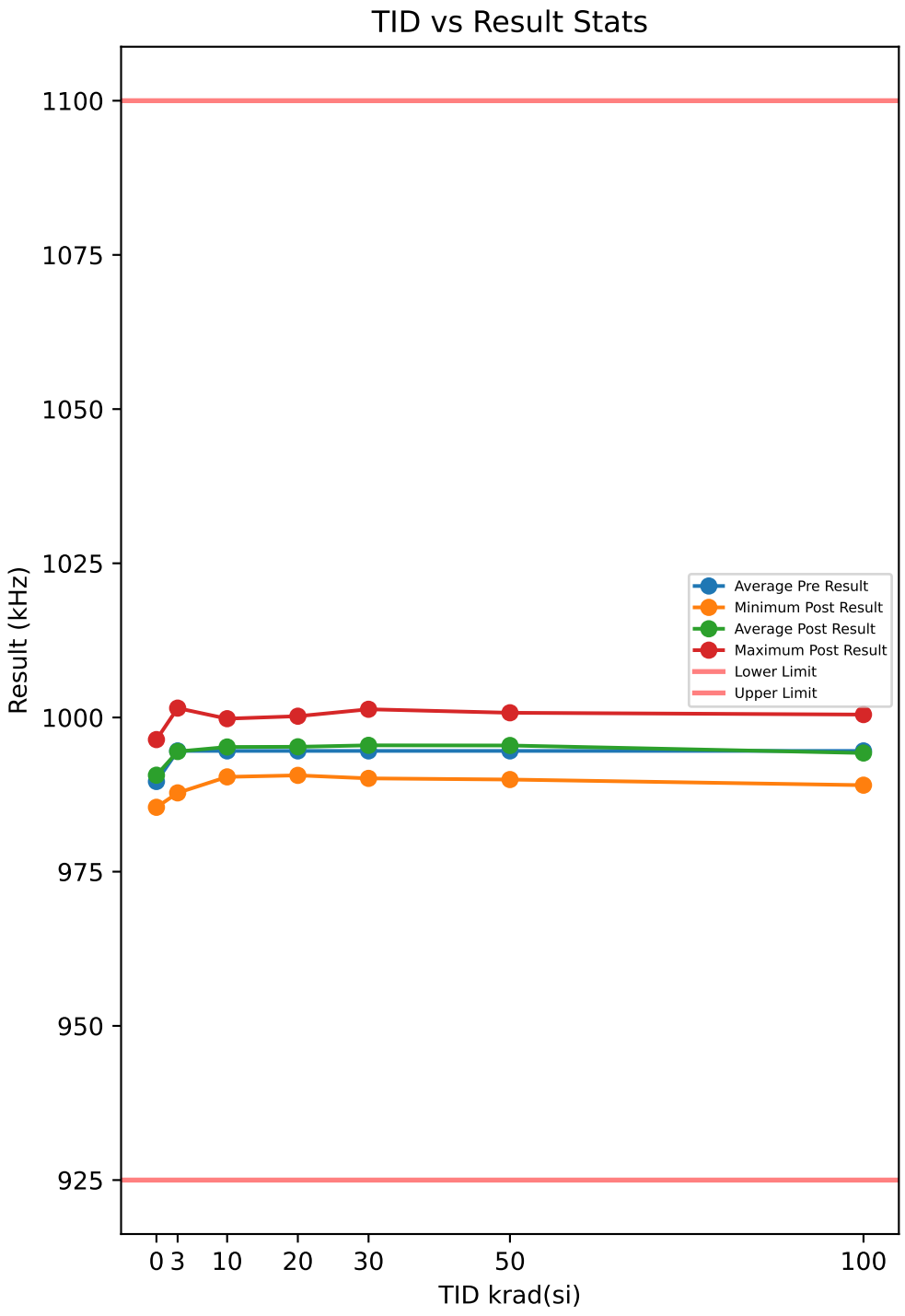
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.93	999.74	-0.1872
2	3	LDR BIAS	999.55	999.39	-0.1641
3	3	LDR BIAS	999.28	999.47	0.1838
4	3	LDR BIAS	999.5	999.5	0.0005
5	3	LDR BIAS	999.43	999.67	0.2443
6	3	LDR UNBIAS	999.47	999.46	-0.01
7	3	LDR UNBIAS	999.16	999.33	0.1686
8	3	LDR UNBIAS	999.52	999.51	-0.0054
9	3	LDR UNBIAS	1000.1	999.45	-0.603
10	3	LDR UNBIAS	999.49	999.31	-0.174
11	0	CORRELATION	999.28	999.62	0.3437
12	0	CORRELATION	999.53	999.95	0.4237
13	0	CORRELATION	999.22	999.88	0.6592
14	0	CORRELATION	999.48	999.98	0.4914
21	10	LDR BIAS	999.93	1000.2	0.2284
22	10	LDR BIAS	999.55	999.85	0.302
23	10	LDR BIAS	999.28	1000	0.7462
24	10	LDR BIAS	999.5	1000.1	0.5698
25	10	LDR BIAS	999.43	1000.1	0.6948
26	10	LDR UNBIAS	999.47	1000	0.5409
27	10	LDR UNBIAS	999.16	1000.1	0.9556
28	10	LDR UNBIAS	999.52	999.87	0.3554
29	10	LDR UNBIAS	1000.1	1000.1	0.0417
30	10	LDR UNBIAS	999.49	1000	0.5428
31	20	LDR BIAS	999.93	999.77	-0.1534
32	20	LDR BIAS	999.55	1000.1	0.5026
33	20	LDR BIAS	999.28	1000.3	1.0323
34	20	LDR BIAS	999.5	1000	0.5343
35	20	LDR BIAS	999.43	999.89	0.4655
36	20	LDR UNBIAS	999.47	1000.1	0.5934
37	20	LDR UNBIAS	999.16	1000.1	0.9146
38	20	LDR UNBIAS	999.52	1000	0.4789
39	20	LDR UNBIAS	1000.1	999.99	-0.0662
40	20	LDR UNBIAS	999.49	1000	0.5369
41	30	LDR BIAS	999.93	999.95	0.0275
42	30	LDR BIAS	999.55	999.98	0.4263
43	30	LDR BIAS	999.28	1000	0.7312
44	30	LDR BIAS	999.5	999.89	0.3919
45	30	LDR BIAS	999.43	999.81	0.379
46	30	LDR UNBIAS	999.47	999.93	0.461
47	30	LDR UNBIAS	999.16	1000	0.8617
48	30	LDR UNBIAS	999.52	999.9	0.3804
49	30	LDR UNBIAS	1000.1	999.96	-0.102
50	30	LDR UNBIAS	999.49	1000.1	0.6293
51	50	LDR BIAS	999.93	999.38	-0.5489
52	50	LDR BIAS	999.55	999.64	0.0925
53	50	LDR BIAS	999.28	999.39	0.1123
54	50	LDR BIAS	999.5	999.58	0.0876
55	50	LDR BIAS	999.43	999.5	0.0702
56	50	LDR UNBIAS	999.47	999.4	-0.0645
57	50	LDR UNBIAS	999.16	999.61	0.449
58	50	LDR UNBIAS	999.52	999.54	0.0197
59	50	LDR UNBIAS	1000.1	999.41	-0.6451
60	50	LDR UNBIAS	999.49	999.43	-0.0545
61	100	LDR BIAS	999.93	999.43	-0.4928
62	100	LDR BIAS	999.55	999.48	-0.0705
63	100	LDR BIAS	999.28	999.33	0.0472
64	100	LDR BIAS	999.5	999.37	-0.1218
65	100	LDR BIAS	999.43	999.35	-0.0774
66	100	LDR UNBIAS	999.47	999.47	0.0069
67	100	LDR UNBIAS	999.16	999.3	0.1399
68	100	LDR UNBIAS	999.52	999.52	0.0029
69	100	LDR UNBIAS	1000.1	999.37	-0.6922
70	100	LDR UNBIAS	999.49	999.46	-0.0264



Test Statistics (kHz)

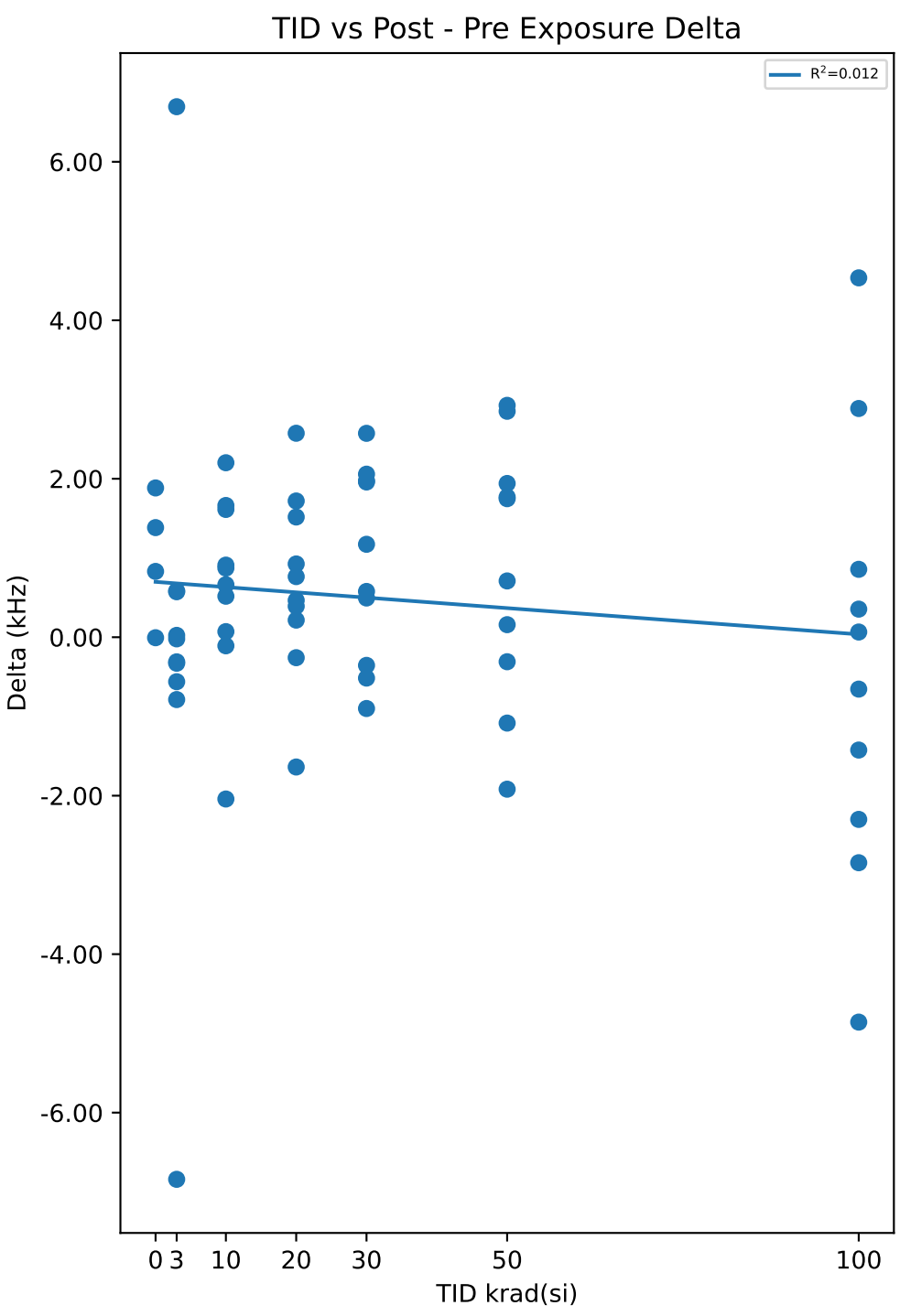
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	999.22	999.38	999.53	0.15056	999.62	999.86	999.98	0.16185	0.3437	0.4795	0.6592	0.13415
3	999.16	999.54	1000.1	0.26947	999.31	999.48	999.74	0.13646	-0.603	-0.05465	0.2443	0.24676
10	999.16	999.54	1000.1	0.26947	999.85	1000	1000.2	0.10234	0.0417	0.49776	0.9556	0.27047
20	999.16	999.54	1000.1	0.26947	999.77	1000	1000.3	0.13752	-0.1534	0.48389	1.0323	0.36713
30	999.16	999.54	1000.1	0.26947	999.81	999.96	1000.1	0.08473	-0.102	0.41863	0.8617	0.29212
50	999.16	999.54	1000.1	0.26947	999.38	999.49	999.64	0.098054	-0.6451	-0.04817	0.449	0.32269
100	999.16	999.54	1000.1	0.26947	999.3	999.41	999.52	0.074522	-0.6922	-0.12842	0.1399	0.25936

Device Test: 20.67 LEVEL|FREQ/RT/14/14/0/0/5/1MHz//@FSW_EXT_RT_D



Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

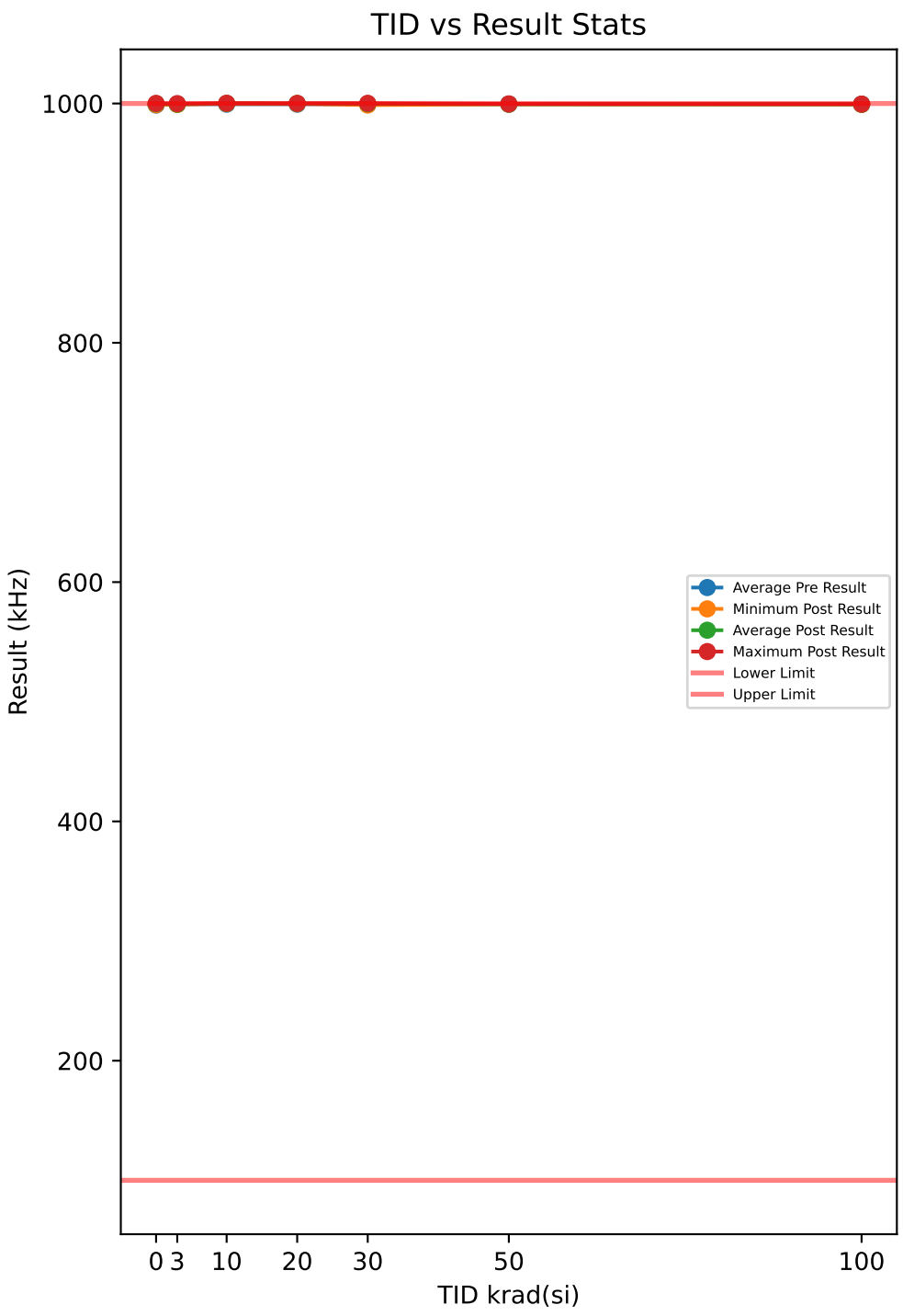
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	995.94	996.52	0.5841
2	3	LDR BIAS	994.62	987.78	-6.8417
3	3	LDR BIAS	988.17	994.86	6.6954
4	3	LDR BIAS	995.33	994.76	-0.5615
5	3	LDR BIAS	993.66	993.64	-0.0209
6	3	LDR UNBIAS	990.4	990.97	0.5738
7	3	LDR UNBIAS	992.47	991.69	-0.787
8	3	LDR UNBIAS	997.65	997.34	-0.3107
9	3	LDR UNBIAS	1001.8	1001.5	-0.3283
10	3	LDR UNBIAS	995.72	995.74	0.0234
11	0	CORRELATION	984.61	985.44	0.8305
12	0	CORRELATION	988.37	988.36	-0.0065
13	0	CORRELATION	995.03	996.41	1.3833
14	0	CORRELATION	990.47	992.36	1.884
21	10	LDR BIAS	995.94	997.55	1.6126
22	10	LDR BIAS	994.62	996.28	1.6626
23	10	LDR BIAS	988.17	990.37	2.202
24	10	LDR BIAS	995.33	995.99	0.663
25	10	LDR BIAS	993.66	993.73	0.0706
26	10	LDR UNBIAS	990.4	991.31	0.9099
27	10	LDR UNBIAS	992.47	992.37	-0.1083
28	10	LDR UNBIAS	997.65	998.52	0.8726
29	10	LDR UNBIAS	1001.8	999.8	-2.0419
30	10	LDR UNBIAS	995.72	996.24	0.5173
31	20	LDR BIAS	995.94	997.66	1.7193
32	20	LDR BIAS	994.62	996.13	1.5171
33	20	LDR BIAS	988.17	990.74	2.5742
34	20	LDR BIAS	995.33	996.09	0.7649
35	20	LDR BIAS	993.66	994.05	0.3911
36	20	LDR UNBIAS	990.4	990.62	0.216
37	20	LDR UNBIAS	992.47	992.22	-0.2584
38	20	LDR UNBIAS	997.65	998.11	0.4655
39	20	LDR UNBIAS	1001.8	1000.2	-1.638
40	20	LDR UNBIAS	995.72	996.65	0.9247
41	30	LDR BIAS	995.94	998.51	2.5732
42	30	LDR BIAS	994.62	996.59	1.9752
43	30	LDR BIAS	988.17	990.13	1.9591
44	30	LDR BIAS	995.33	994.43	-0.8998
45	30	LDR BIAS	993.66	994.83	1.1728
46	30	LDR UNBIAS	990.4	990.98	0.5776
47	30	LDR UNBIAS	992.47	992.12	-0.3554
48	30	LDR UNBIAS	997.65	998.14	0.4949
49	30	LDR UNBIAS	1001.8	1001.3	-0.5157
50	30	LDR UNBIAS	995.72	997.78	2.0579
51	50	LDR BIAS	995.94	998.79	2.8516
52	50	LDR BIAS	994.62	996.37	1.7482
53	50	LDR BIAS	988.17	989.94	1.7703
54	50	LDR BIAS	995.33	995.48	0.1583
55	50	LDR BIAS	993.66	994.37	0.7101
56	50	LDR UNBIAS	990.4	992.34	1.9403
57	50	LDR UNBIAS	992.47	990.56	-1.9179
58	50	LDR UNBIAS	997.65	997.34	-0.3095
59	50	LDR UNBIAS	1001.8	1000.8	-1.0836
60	50	LDR UNBIAS	995.72	998.65	2.9264
61	100	LDR BIAS	995.94	1000.5	4.5355
62	100	LDR BIAS	994.62	994.68	0.0655
63	100	LDR BIAS	988.17	989.02	0.8569
64	100	LDR BIAS	995.33	993.03	-2.2992
65	100	LDR BIAS	993.66	996.55	2.8865
66	100	LDR UNBIAS	990.4	990.75	0.3546
67	100	LDR UNBIAS	992.47	991.05	-1.4241
68	100	LDR UNBIAS	997.65	996.99	-0.655
69	100	LDR UNBIAS	1001.8	999	-2.8461
70	100	LDR UNBIAS	995.72	990.86	-4.8577

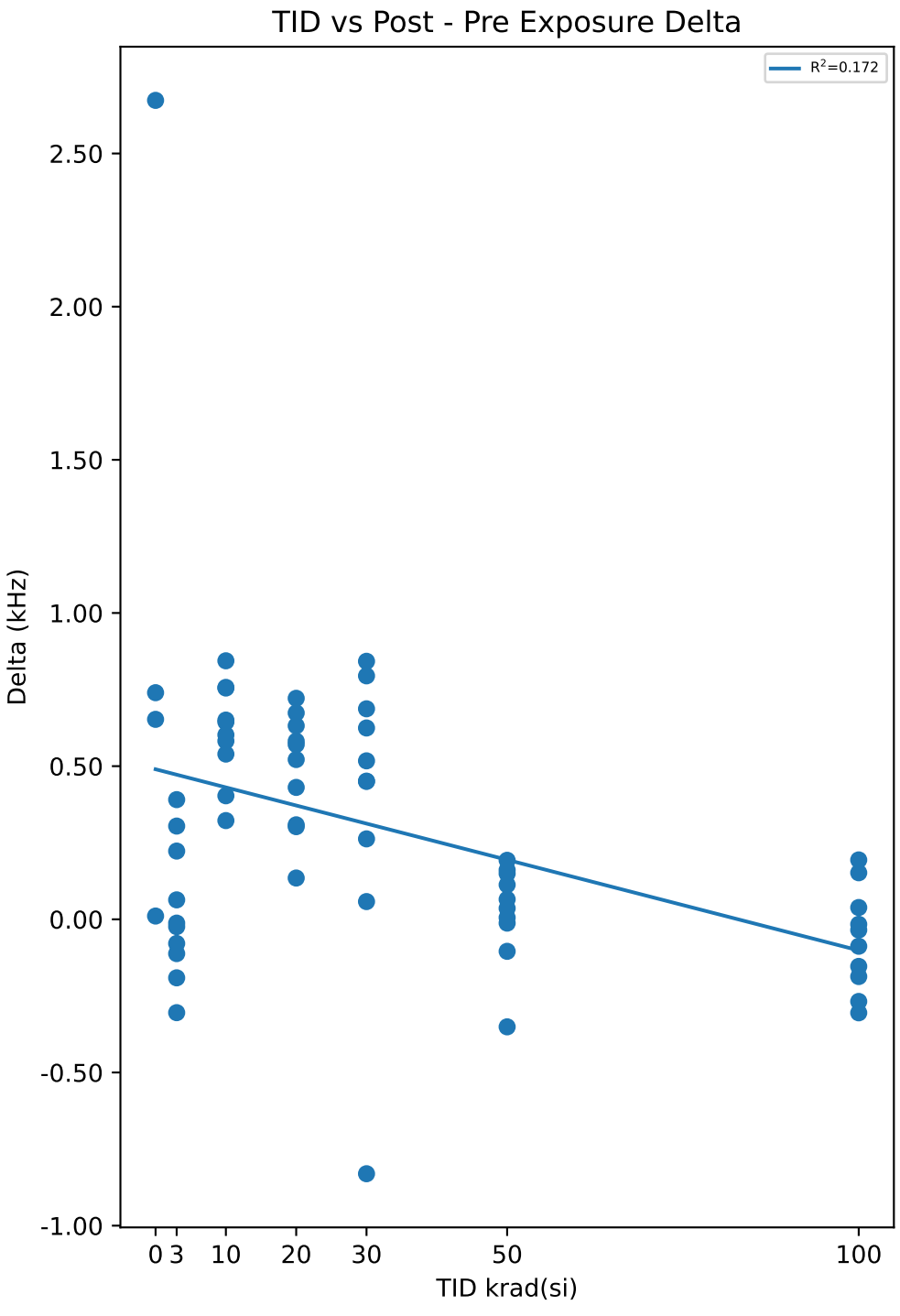


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	984.61	989.62	995.03	4.3473	985.44	990.64	996.41	4.7797	-0.0065	1.0228	1.884	0.80995
3	988.17	994.58	1001.8	3.7975	987.78	994.48	1001.5	3.7923	-6.8417	-0.09734	6.6954	3.2206
10	988.17	994.58	1001.8	3.7975	990.37	995.22	999.8	3.1494	-2.0419	0.63604	2.202	1.1856
20	988.17	994.58	1001.8	3.7975	990.62	995.25	1000.2	3.2396	-1.638	0.66764	2.5742	1.1563
30	988.17	994.58	1001.8	3.7975	990.13	995.48	1001.3	3.6329	-0.8998	0.90398	2.5732	1.2284
50	988.17	994.58	1001.8	3.7975	989.94	995.46	1000.8	3.6388	-1.9179	0.87942	2.9264	1.6463
100	988.17	994.58	1001.8	3.7975	989.02	994.24	1000.5	3.9016	-4.8577	-0.33831	4.5355	2.75

Device Test: 20.68 LEVEL|FREQ/SYNC/14/14/0/0/5/1MHz//@FREQ_SYNC_EXT





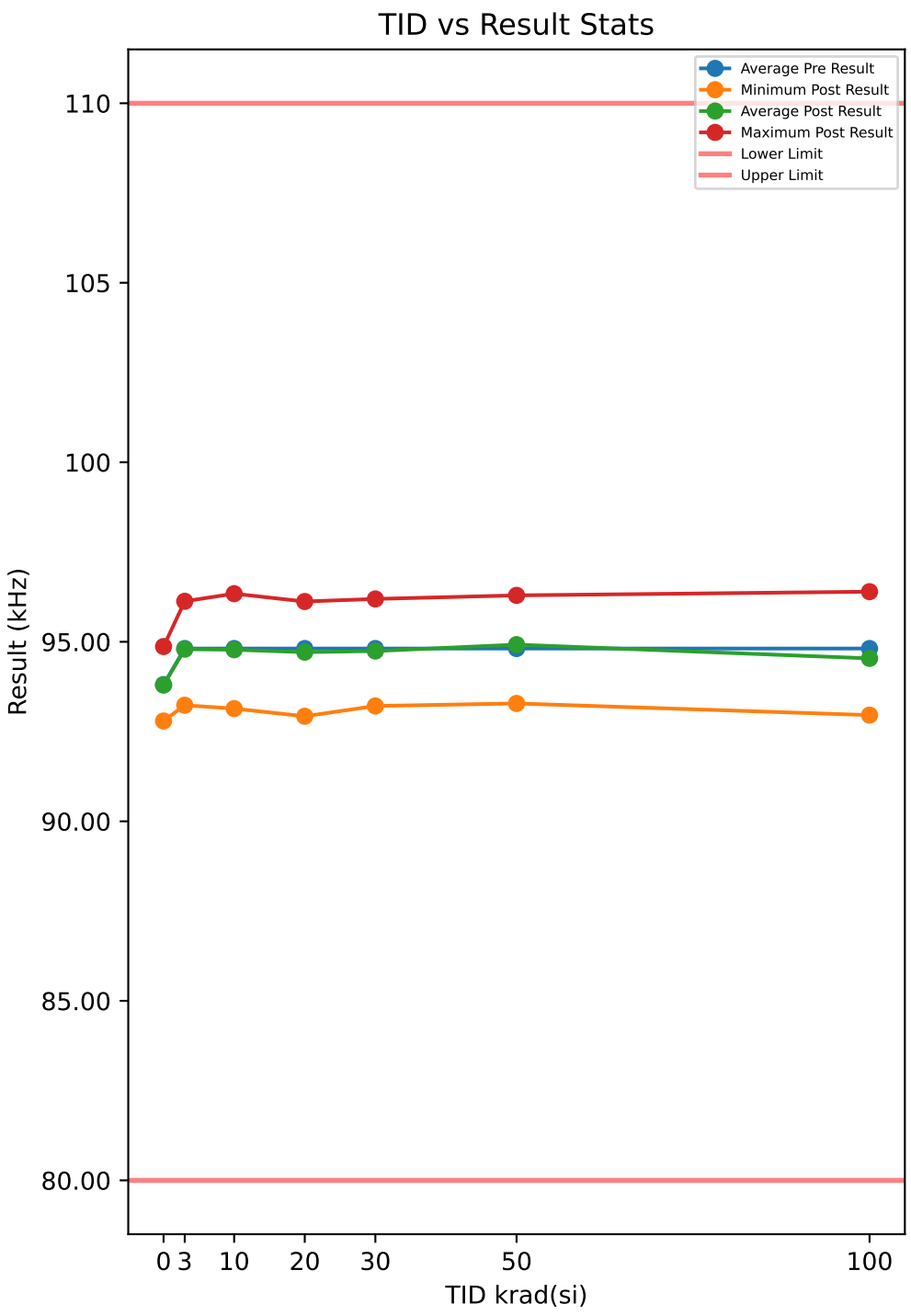
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

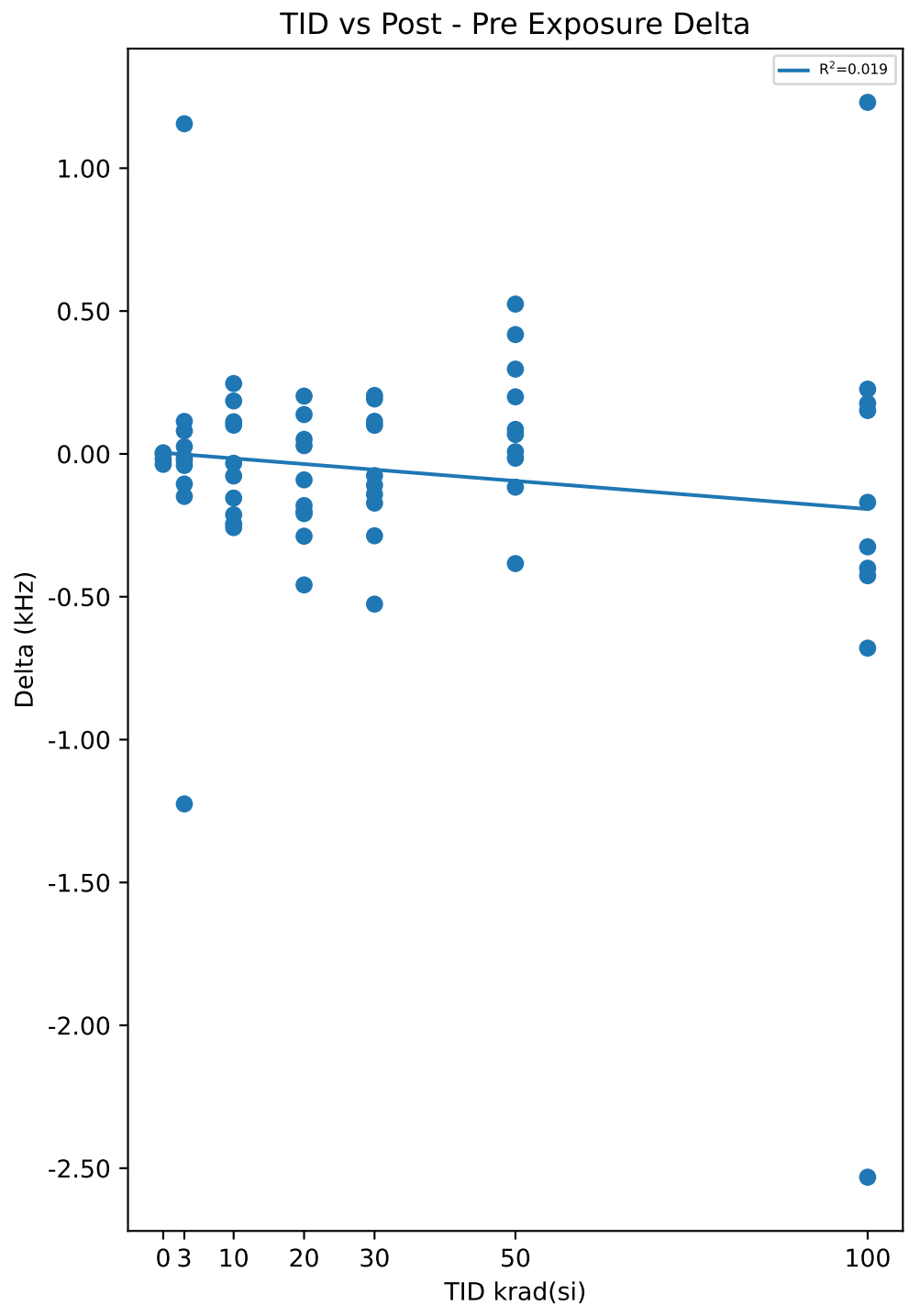
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.81	999.73	-0.0789
2	3	LDR BIAS	999.34	999.31	-0.0239
3	3	LDR BIAS	999.45	999.15	-0.3047
4	3	LDR BIAS	999.44	999.51	0.0635
5	3	LDR BIAS	999.52	999.91	0.3907
6	3	LDR UNBIAS	999.26	999.57	0.3044
7	3	LDR UNBIAS	999.16	999.38	0.2228
8	3	LDR UNBIAS	999.5	999.49	-0.0124
9	3	LDR UNBIAS	999.53	999.34	-0.191
10	3	LDR UNBIAS	999.41	999.3	-0.1119
11	0	CORRELATION	999.31	999.96	0.6528
12	0	CORRELATION	999.35	1000.1	0.7398
13	0	CORRELATION	1000.1	1000.1	0.0107
14	0	CORRELATION	996.24	998.92	2.6734
21	10	LDR BIAS	999.81	1000.1	0.3223
22	10	LDR BIAS	999.34	999.94	0.6021
23	10	LDR BIAS	999.45	1000.2	0.755
24	10	LDR BIAS	999.44	1000.1	0.6504
25	10	LDR BIAS	999.52	1000.1	0.5394
26	10	LDR UNBIAS	999.26	1000.1	0.8439
27	10	LDR UNBIAS	999.16	999.92	0.7571
28	10	LDR UNBIAS	999.5	999.91	0.4033
29	10	LDR UNBIAS	999.53	1000.2	0.6441
30	10	LDR UNBIAS	999.41	999.99	0.5821
31	20	LDR BIAS	999.81	999.94	0.1348
32	20	LDR BIAS	999.34	999.91	0.5707
33	20	LDR BIAS	999.45	1000	0.5816
34	20	LDR BIAS	999.44	999.87	0.4306
35	20	LDR BIAS	999.52	999.82	0.3025
36	20	LDR UNBIAS	999.26	999.89	0.6318
37	20	LDR UNBIAS	999.16	999.88	0.7215
38	20	LDR UNBIAS	999.5	1000	0.5216
39	20	LDR UNBIAS	999.53	999.84	0.3085
40	20	LDR UNBIAS	999.41	1000.1	0.6737
41	30	LDR BIAS	999.81	999.87	0.0579
42	30	LDR BIAS	999.34	1000.1	0.7948
43	30	LDR BIAS	999.45	999.9	0.4506
44	30	LDR BIAS	999.44	999.89	0.4508
45	30	LDR BIAS	999.52	998.69	-0.8305
46	30	LDR UNBIAS	999.26	1000.1	0.8423
47	30	LDR UNBIAS	999.16	999.85	0.6872
48	30	LDR UNBIAS	999.5	1000	0.5173
49	30	LDR UNBIAS	999.53	999.79	0.2626
50	30	LDR UNBIAS	999.41	1000	0.6246
51	50	LDR BIAS	999.81	999.46	-0.351
52	50	LDR BIAS	999.34	999.4	0.0653
53	50	LDR BIAS	999.45	999.56	0.1128
54	50	LDR BIAS	999.44	999.45	0.0056
55	50	LDR BIAS	999.52	999.67	0.1493
56	50	LDR UNBIAS	999.26	999.42	0.1611
57	50	LDR UNBIAS	999.16	999.35	0.1927
58	50	LDR UNBIAS	999.5	999.4	-0.1045
59	50	LDR UNBIAS	999.53	999.57	0.036
60	50	LDR UNBIAS	999.41	999.4	-0.0124
61	100	LDR BIAS	999.81	999.5	-0.3052
62	100	LDR BIAS	999.34	999.32	-0.0163
63	100	LDR BIAS	999.45	999.18	-0.2681
64	100	LDR BIAS	999.44	999.48	0.0385
65	100	LDR BIAS	999.52	999.33	-0.1868
66	100	LDR UNBIAS	999.26	999.41	0.152
67	100	LDR UNBIAS	999.16	999.35	0.1939
68	100	LDR UNBIAS	999.5	999.47	-0.0349
69	100	LDR UNBIAS	999.53	999.38	-0.1537
70	100	LDR UNBIAS	999.41	999.32	-0.0879

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	996.24	998.74	1000.1	1.6996	998.92	999.76	1000.1	0.56383	0.0107	1.0192	2.6734	1.1497
3	999.16	999.44	999.81	0.17451	999.15	999.47	999.91	0.22423	-0.3047	0.02586	0.3907	0.22138
10	999.16	999.44	999.81	0.17451	999.91	1000.1	1000.2	0.10706	0.3223	0.60997	0.8439	0.16038
20	999.16	999.44	999.81	0.17451	999.82	999.93	1000.1	0.08951	0.1348	0.48773	0.7215	0.18888
30	999.16	999.44	999.81	0.17451	998.69	999.83	1000.1	0.41707	-0.8305	0.38576	0.8423	0.48891
50	999.16	999.44	999.81	0.17451	999.35	999.47	999.67	0.098259	-0.351	0.02549	0.1927	0.16037
100	999.16	999.44	999.81	0.17451	999.18	999.38	999.5	0.095955	-0.3052	-0.06685	0.1939	0.16675

Device Test: 20.71 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/100kHz//@FSW_EXT_RT_A





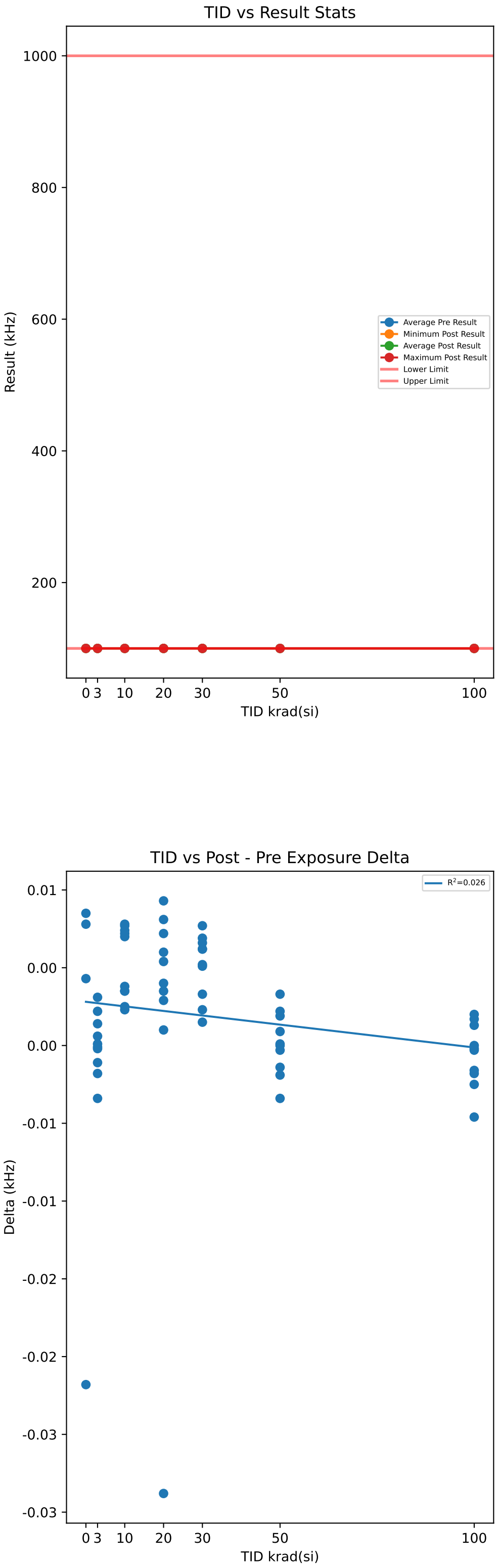
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.751	94.865	0.1137
2	3	LDR BIAS	94.459	93.234	-1.2251
3	3	LDR BIAS	93.215	94.37	1.1555
4	3	LDR BIAS	94.567	94.419	-0.1488
5	3	LDR BIAS	94.362	94.442	0.0806
6	3	LDR UNBIAS	93.385	93.409	0.025
7	3	LDR UNBIAS	95.632	95.526	-0.1055
8	3	LDR UNBIAS	96.094	96.08	-0.0136
9	3	LDR UNBIAS	96.169	96.129	-0.0405
10	3	LDR UNBIAS	95.494	95.47	-0.0236
11	0	CORRELATION	92.831	92.794	-0.0366
12	0	CORRELATION	93.03	93.011	-0.0194
13	0	CORRELATION	94.864	94.868	0.0039
14	0	CORRELATION	94.508	94.507	-0.0009
21	10	LDR BIAS	94.751	94.937	0.1853
22	10	LDR BIAS	94.459	94.559	0.1004
23	10	LDR BIAS	93.215	93.327	0.1125
24	10	LDR BIAS	94.567	94.535	-0.0327
25	10	LDR BIAS	94.362	94.207	-0.1546
26	10	LDR UNBIAS	93.385	93.139	-0.245
27	10	LDR UNBIAS	95.632	95.419	-0.213
28	10	LDR UNBIAS	96.094	96.34	0.2462
29	10	LDR UNBIAS	96.169	95.911	-0.258
30	10	LDR UNBIAS	95.494	95.417	-0.0773
31	20	LDR BIAS	94.751	94.954	0.2022
32	20	LDR BIAS	94.459	94.368	-0.0909
33	20	LDR BIAS	93.215	93.353	0.1377
34	20	LDR BIAS	94.567	94.386	-0.1809
35	20	LDR BIAS	94.362	94.074	-0.2881
36	20	LDR UNBIAS	93.385	92.926	-0.4586
37	20	LDR UNBIAS	95.632	95.423	-0.209
38	20	LDR UNBIAS	96.094	96.122	0.0288
39	20	LDR UNBIAS	96.169	95.967	-0.202
40	20	LDR UNBIAS	95.494	95.545	0.0509
41	30	LDR BIAS	94.751	94.956	0.2045
42	30	LDR BIAS	94.459	94.349	-0.1094
43	30	LDR BIAS	93.215	93.329	0.1141
44	30	LDR BIAS	94.567	94.042	-0.5258
45	30	LDR BIAS	94.362	94.22	-0.1413
46	30	LDR UNBIAS	93.385	93.212	-0.1723
47	30	LDR UNBIAS	95.632	95.345	-0.2866
48	30	LDR UNBIAS	96.094	96.194	0.0999
49	30	LDR UNBIAS	96.169	96.093	-0.076
50	30	LDR UNBIAS	95.494	95.686	0.1923
51	50	LDR BIAS	94.751	95.276	0.5243
52	50	LDR BIAS	94.459	94.444	-0.0151
53	50	LDR BIAS	93.215	93.283	0.0681
54	50	LDR BIAS	94.567	94.575	0.0075
55	50	LDR BIAS	94.362	94.245	-0.1165
56	50	LDR UNBIAS	93.385	93.681	0.2967
57	50	LDR UNBIAS	95.632	95.248	-0.3838
58	50	LDR UNBIAS	96.094	96.293	0.1997
59	50	LDR UNBIAS	96.169	96.255	0.0857
60	50	LDR UNBIAS	95.494	95.912	0.4176
61	100	LDR BIAS	94.751	95.982	1.2304
62	100	LDR BIAS	94.459	94.058	-0.4001
63	100	LDR BIAS	93.215	93.045	-0.1695
64	100	LDR BIAS	94.567	93.888	-0.6798
65	100	LDR BIAS	94.362	94.513	0.1518
66	100	LDR UNBIAS	93.385	92.958	-0.4264
67	100	LDR UNBIAS	95.632	95.307	-0.3253
68	100	LDR UNBIAS	96.094	96.27	0.1769
69	100	LDR UNBIAS	96.169	96.396	0.2267
70	100	LDR UNBIAS	95.494	92.963	-2.5315

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.831	93.808	94.864	1.027	92.794	93.795	94.868	1.0447	-0.0366	-0.01325	0.0039	0.018526
3	93.215	94.813	96.169	1.0329	93.234	94.794	96.129	1.0127	-1.2251	-0.01823	1.1555	0.56651
10	93.215	94.813	96.169	1.0329	93.139	94.779	96.34	1.0429	-0.258	-0.03362	0.2462	0.18538
20	93.215	94.813	96.169	1.0329	92.926	94.712	96.122	1.0797	-0.4586	-0.10099	0.2022	0.2055
30	93.215	94.813	96.169	1.0329	93.212	94.743	96.194	1.0795	-0.5258	-0.07006	0.2045	0.23063
50	93.215	94.813	96.169	1.0329	93.283	94.921	96.293	1.0489	-0.3838	0.10842	0.5243	0.26516
100	93.215	94.813	96.169	1.0329	92.958	94.538	96.396	1.3739	-2.5315	-0.27468	1.2304	0.95523

Device Test: 20.72 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/100kHz//@FREQ_SYNC_EXT



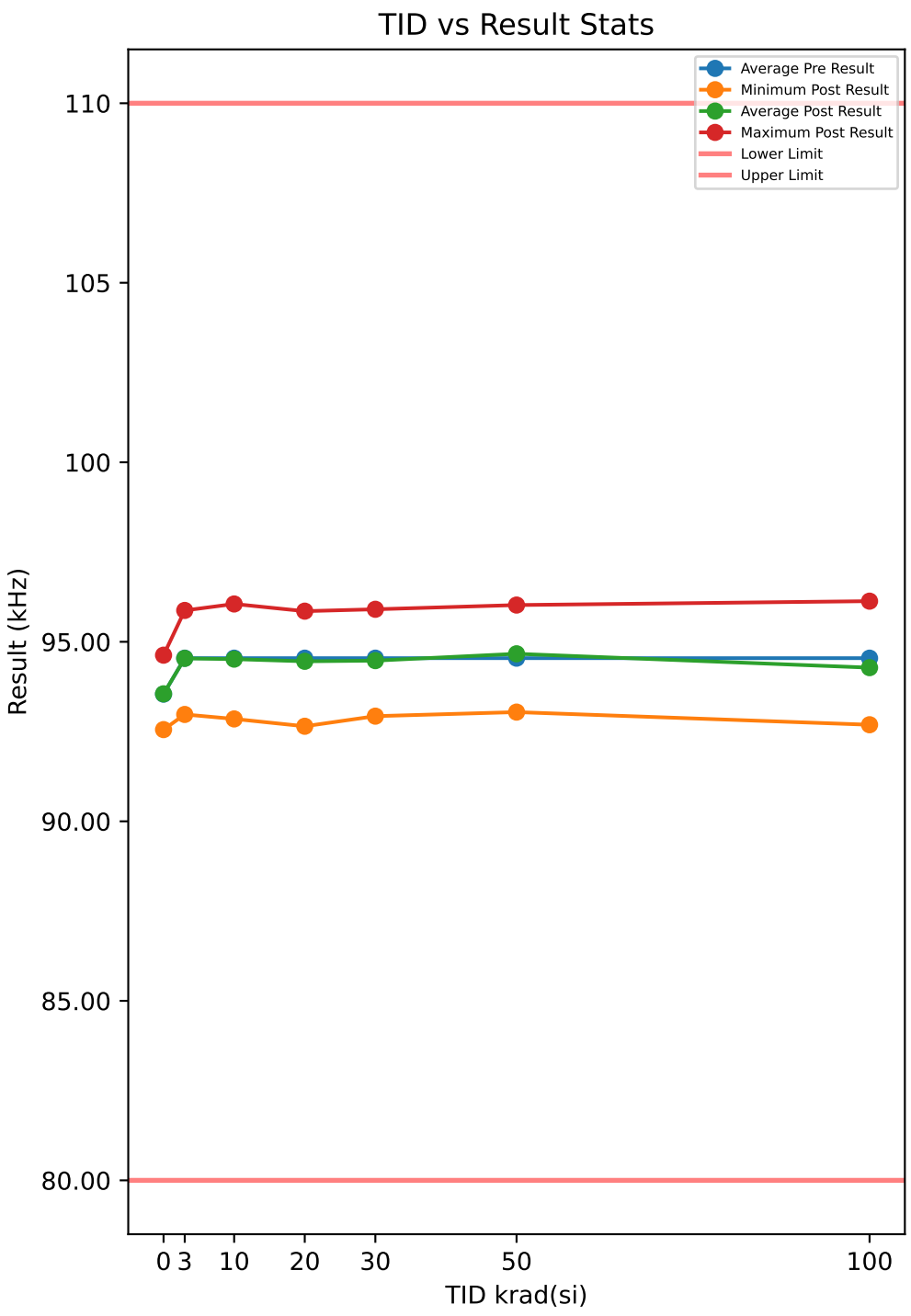
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

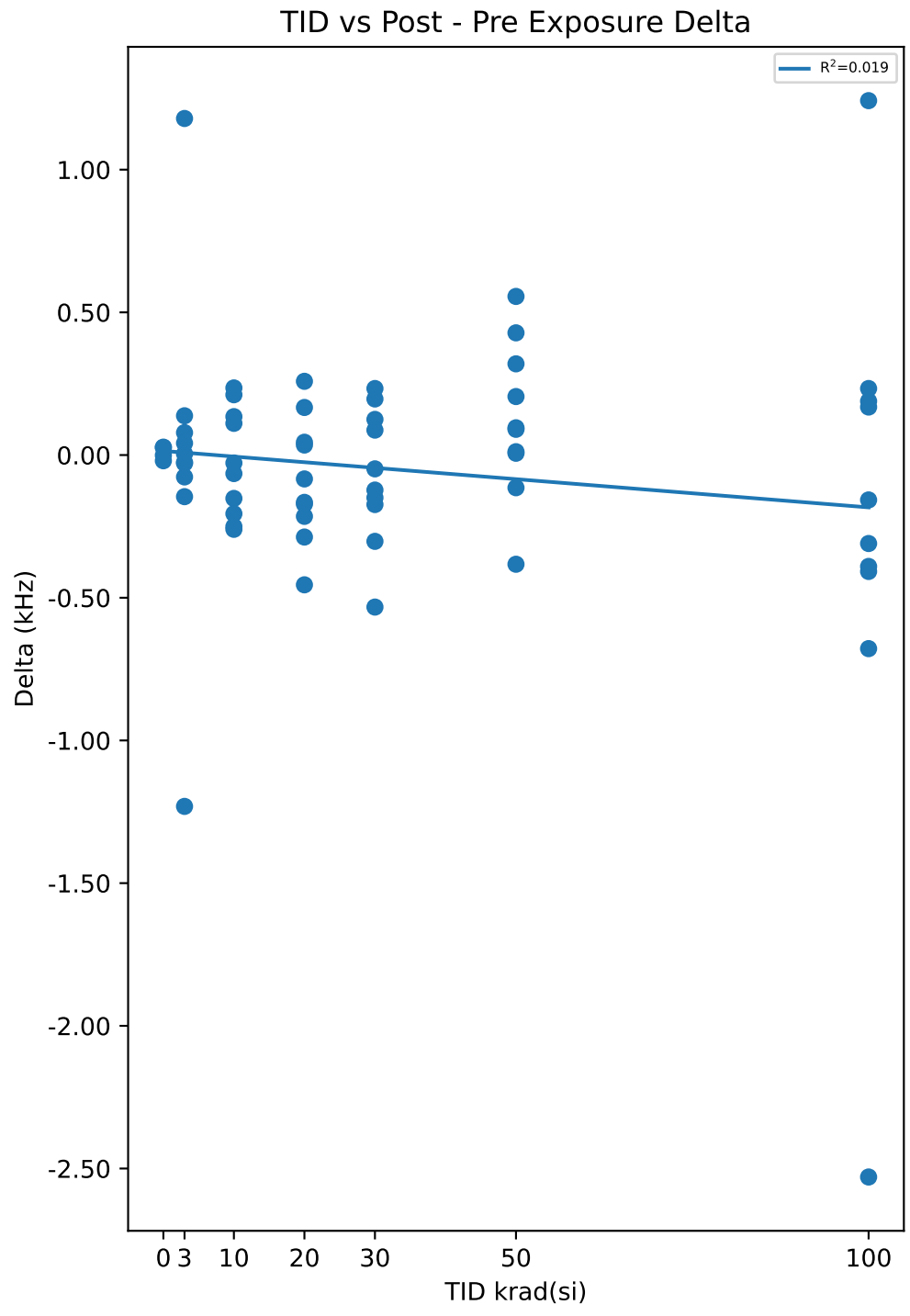
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	99.994	99.997	0.0031
2	3	LDR BIAS	99.994	99.995	0.0014
3	3	LDR BIAS	99.993	99.992	-0.0011
4	3	LDR BIAS	99.996	99.996	-0.0001
5	3	LDR BIAS	99.998	99.996	-0.0018
6	3	LDR UNBIAS	99.996	99.993	-0.0034
7	3	LDR UNBIAS	99.992	99.992	0.0001
8	3	LDR UNBIAS	99.995	99.996	0.0006
9	3	LDR UNBIAS	99.997	99.997	-0.0002
10	3	LDR UNBIAS	99.993	99.995	0.0022
11	0	CORRELATION	99.992	100	0.0085
12	0	CORRELATION	99.994	100	0.0078
13	0	CORRELATION	99.996	100	0.0043
14	0	CORRELATION	99.993	99.972	-0.0218
21	10	LDR BIAS	99.994	100	0.007
22	10	LDR BIAS	99.994	100	0.0072
23	10	LDR BIAS	99.993	100	0.0078
24	10	LDR BIAS	99.996	99.999	0.0035
25	10	LDR BIAS	99.998	100	0.0038
26	10	LDR UNBIAS	99.996	99.999	0.0025
27	10	LDR UNBIAS	99.992	100	0.0074
28	10	LDR UNBIAS	99.995	99.999	0.0035
29	10	LDR UNBIAS	99.997	99.999	0.0023
30	10	LDR UNBIAS	99.993	100	0.0077
31	20	LDR BIAS	99.994	99.998	0.004
32	20	LDR BIAS	99.994	100	0.0072
33	20	LDR BIAS	99.993	100	0.0081
34	20	LDR BIAS	99.996	100	0.0054
35	20	LDR BIAS	99.998	99.999	0.001
36	20	LDR UNBIAS	99.996	99.967	-0.0288
37	20	LDR UNBIAS	99.992	100	0.0093
38	20	LDR UNBIAS	99.995	99.999	0.0035
39	20	LDR UNBIAS	99.997	100	0.0029
40	20	LDR UNBIAS	99.993	99.999	0.006
41	30	LDR BIAS	99.994	100	0.0062
42	30	LDR BIAS	99.994	100	0.0069
43	30	LDR BIAS	99.993	100	0.0077
44	30	LDR BIAS	99.996	100	0.0051
45	30	LDR BIAS	99.998	100	0.0023
46	30	LDR UNBIAS	99.996	100	0.0052
47	30	LDR UNBIAS	99.992	99.999	0.0066
48	30	LDR UNBIAS	99.995	99.999	0.0033
49	30	LDR UNBIAS	99.997	99.999	0.0015
50	30	LDR UNBIAS	99.993	99.999	0.0062
51	50	LDR BIAS	99.994	99.996	0.0019
52	50	LDR BIAS	99.994	99.994	0
53	50	LDR BIAS	99.993	99.996	0.0022
54	50	LDR BIAS	99.996	99.994	-0.0019
55	50	LDR BIAS	99.998	99.994	-0.0034
56	50	LDR UNBIAS	99.996	99.996	0.0001
57	50	LDR UNBIAS	99.992	99.996	0.0033
58	50	LDR UNBIAS	99.995	99.995	-0.0003
59	50	LDR UNBIAS	99.997	99.996	-0.0014
60	50	LDR UNBIAS	99.993	99.994	0.0009
61	100	LDR BIAS	99.994	99.995	0.0013
62	100	LDR BIAS	99.994	99.994	-0.0002
63	100	LDR BIAS	99.993	99.993	-0.0003
64	100	LDR BIAS	99.996	99.996	0
65	100	LDR BIAS	99.998	99.993	-0.0046
66	100	LDR UNBIAS	99.996	99.993	-0.0025
67	100	LDR UNBIAS	99.992	99.994	0.0017
68	100	LDR UNBIAS	99.995	99.994	-0.0016
69	100	LDR UNBIAS	99.997	99.995	-0.0018
70	100	LDR UNBIAS	99.993	99.995	0.002

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.992	99.994	99.996	0.0018601	99.972	99.993	100	0.014541	-0.0218	-0.0003	0.0085	0.014451
3	99.992	99.995	99.998	0.0017671	99.992	99.995	99.997	0.0017912	-0.0034	8e-05	0.0031	0.0019083
10	99.992	99.995	99.998	0.0017671	99.999	100	100	0.0011503	0.0023	0.00527	0.0078	0.0023209
20	99.992	99.995	99.998	0.0017671	99.967	99.997	100	0.010451	-0.0288	0.00186	0.0093	0.011063
30	99.992	99.995	99.998	0.0017671	99.999	100	100	0.0010895	0.0015	0.0051	0.0077	0.0020742
50	99.992	99.995	99.998	0.0017671	99.994	99.995	99.996	0.00090529	-0.0034	0.00014	0.0033	0.0020326
100	99.992	99.995	99.998	0.0017671	99.993	99.994	99.996	0.00096287	-0.0046	-0.0006	0.002	0.0020634

Device Test: 20.73 LEVEL|FREQ/RT/5/5/0/1000/5/100kHz//@FSW_EXT_RT_A





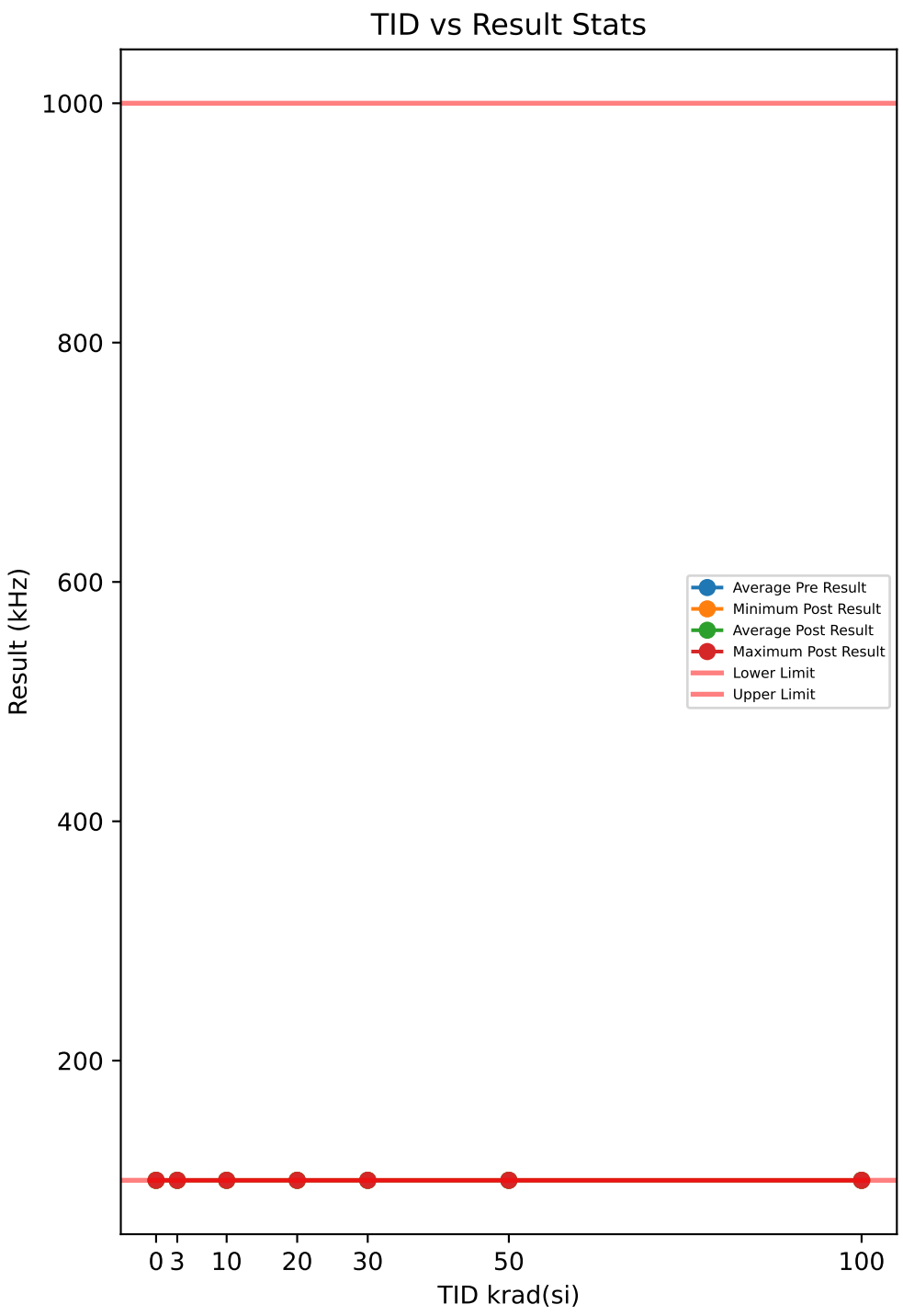
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.477	94.614	0.1376
2	3	LDR BIAS	94.207	92.976	-1.2311
3	3	LDR BIAS	92.946	94.126	1.1793
4	3	LDR BIAS	94.296	94.15	-0.1458
5	3	LDR BIAS	94.114	94.193	0.0785
6	3	LDR UNBIAS	93.102	93.144	0.0416
7	3	LDR UNBIAS	95.363	95.287	-0.0767
8	3	LDR UNBIAS	95.818	95.823	0.0042
9	3	LDR UNBIAS	95.899	95.874	-0.0253
10	3	LDR UNBIAS	95.219	95.191	-0.0287
11	0	CORRELATION	92.574	92.554	-0.02
12	0	CORRELATION	92.76	92.76	-0.0008
13	0	CORRELATION	94.6	94.627	0.0276
14	0	CORRELATION	94.236	94.262	0.0266
21	10	LDR BIAS	94.477	94.688	0.2113
22	10	LDR BIAS	94.207	94.319	0.1111
23	10	LDR BIAS	92.946	93.081	0.1346
24	10	LDR BIAS	94.296	94.268	-0.0278
25	10	LDR BIAS	94.114	93.962	-0.152
26	10	LDR UNBIAS	93.102	92.852	-0.2505
27	10	LDR UNBIAS	95.363	95.158	-0.2056
28	10	LDR UNBIAS	95.818	96.053	0.2352
29	10	LDR UNBIAS	95.899	95.639	-0.2602
30	10	LDR UNBIAS	95.219	95.155	-0.0649
31	20	LDR BIAS	94.477	94.735	0.2584
32	20	LDR BIAS	94.207	94.124	-0.0837
33	20	LDR BIAS	92.946	93.113	0.1667
34	20	LDR BIAS	94.296	94.124	-0.1719
35	20	LDR BIAS	94.114	93.827	-0.2873
36	20	LDR UNBIAS	93.102	92.648	-0.4547
37	20	LDR UNBIAS	95.363	95.148	-0.2148
38	20	LDR UNBIAS	95.818	95.853	0.0351
39	20	LDR UNBIAS	95.899	95.733	-0.1658
40	20	LDR UNBIAS	95.219	95.264	0.0449
41	30	LDR BIAS	94.477	94.71	0.2331
42	30	LDR BIAS	94.207	94.085	-0.1227
43	30	LDR BIAS	92.946	93.071	0.1249
44	30	LDR BIAS	94.296	93.763	-0.5327
45	30	LDR BIAS	94.114	93.965	-0.1494
46	30	LDR UNBIAS	93.102	92.929	-0.1734
47	30	LDR UNBIAS	95.363	95.061	-0.3024
48	30	LDR UNBIAS	95.818	95.906	0.0874
49	30	LDR UNBIAS	95.899	95.85	-0.0484
50	30	LDR UNBIAS	95.219	95.416	0.1965
51	50	LDR BIAS	94.477	95.032	0.5558
52	50	LDR BIAS	94.207	94.214	0.0063
53	50	LDR BIAS	92.946	93.042	0.0955
54	50	LDR BIAS	94.296	94.308	0.0117
55	50	LDR BIAS	94.114	94	-0.1145
56	50	LDR UNBIAS	93.102	93.422	0.3196
57	50	LDR UNBIAS	95.363	94.981	-0.3826
58	50	LDR UNBIAS	95.818	96.023	0.205
59	50	LDR UNBIAS	95.899	95.989	0.0902
60	50	LDR UNBIAS	95.219	95.648	0.4282
61	100	LDR BIAS	94.477	95.719	1.2418
62	100	LDR BIAS	94.207	93.817	-0.3903
63	100	LDR BIAS	92.946	92.789	-0.1573
64	100	LDR BIAS	94.296	93.618	-0.6783
65	100	LDR BIAS	94.114	94.282	0.1682
66	100	LDR UNBIAS	93.102	92.695	-0.4079
67	100	LDR UNBIAS	95.363	95.053	-0.31
68	100	LDR UNBIAS	95.818	96.007	0.1889
69	100	LDR UNBIAS	95.899	96.132	0.2331
70	100	LDR UNBIAS	95.219	92.69	-2.5297

Test Statistics (kHz)

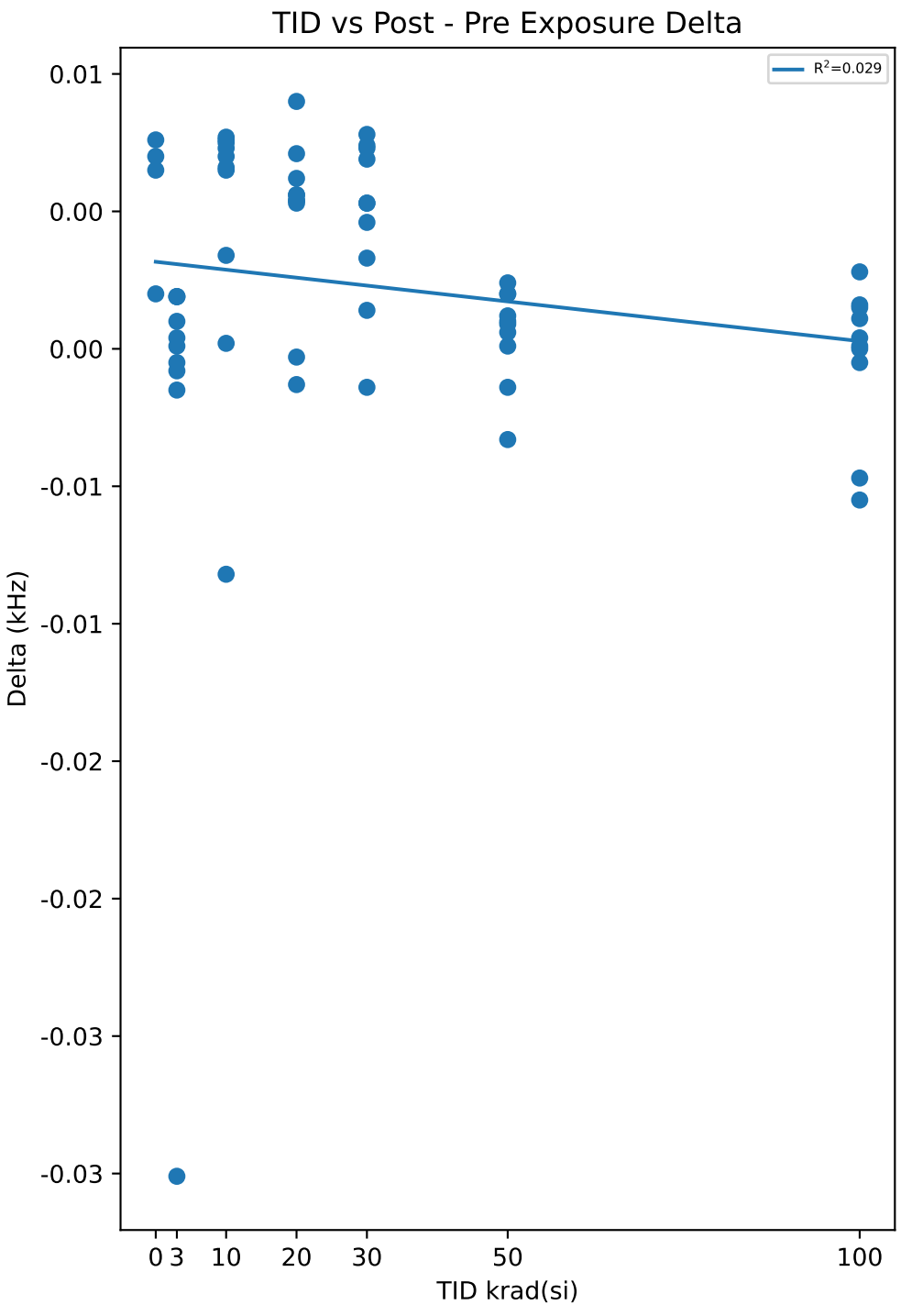
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.574	93.543	94.6	1.0243	92.554	93.551	94.627	1.0463	-0.02	0.00835	0.0276	0.023029
3	92.946	94.544	95.899	1.0318	92.976	94.538	95.874	1.0137	-1.2311	-0.00664	1.1793	0.57362
10	92.946	94.544	95.899	1.0318	92.852	94.517	96.053	1.0386	-0.2602	-0.02688	0.2352	0.18974
20	92.946	94.544	95.899	1.0318	92.648	94.457	95.853	1.0793	-0.4547	-0.08731	0.2584	0.2163
30	92.946	94.544	95.899	1.0318	92.929	94.476	95.906	1.0803	-0.5327	-0.06871	0.2331	0.23897
50	92.946	94.544	95.899	1.0318	93.042	94.666	96.023	1.041	-0.3826	0.12152	0.5558	0.27197
100	92.946	94.544	95.899	1.0318	92.69	94.28	96.132	1.3743	-2.5297	-0.26415	1.2418	0.9581

Device Test: 20.74 LEVEL|FREQ/SYNC/5/5/0/1000/5/100kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

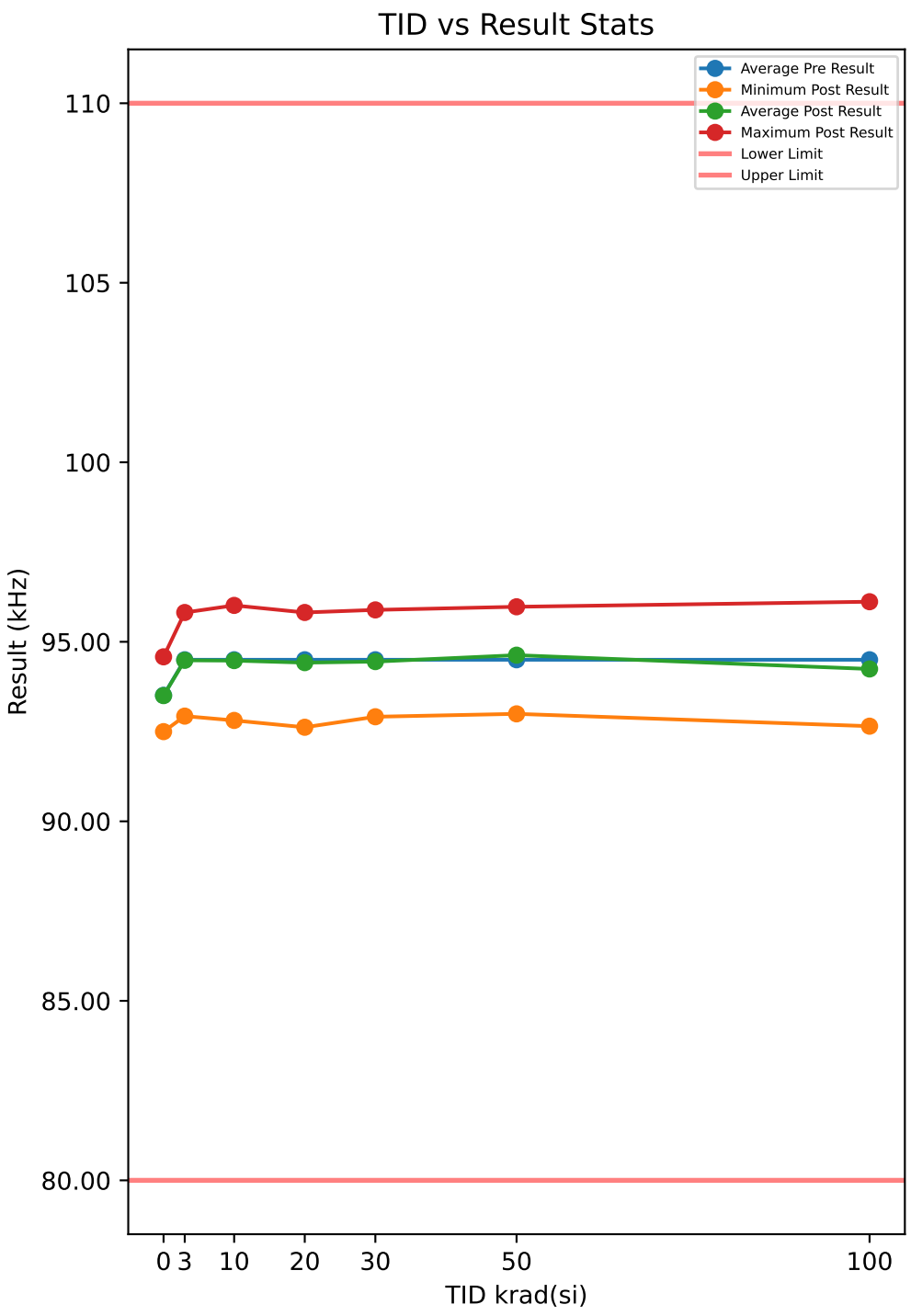
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	100	99.999	-0.0005
2	3	LDR BIAS	99.994	99.994	0.0001
3	3	LDR BIAS	99.992	99.993	0.0004
4	3	LDR BIAS	99.993	99.995	0.0019
5	3	LDR BIAS	99.998	99.998	-0.0008
6	3	LDR UNBIAS	99.994	99.995	0.001
7	3	LDR UNBIAS	99.994	99.992	-0.0015
8	3	LDR UNBIAS	99.993	99.995	0.0019
9	3	LDR UNBIAS	99.995	99.997	0.0019
10	3	LDR UNBIAS	99.995	99.964	-0.0301
11	0	CORRELATION	99.992	99.999	0.0065
12	0	CORRELATION	99.994	100	0.0076
13	0	CORRELATION	99.998	100	0.002
14	0	CORRELATION	99.993	100	0.007
21	10	LDR BIAS	100	100	0.0002
22	10	LDR BIAS	99.994	100	0.0076
23	10	LDR BIAS	99.992	99.999	0.0066
24	10	LDR BIAS	99.993	100	0.0073
25	10	LDR BIAS	99.998	100	0.0034
26	10	LDR UNBIAS	99.994	100	0.0075
27	10	LDR UNBIAS	99.994	100	0.007
28	10	LDR UNBIAS	99.993	100	0.0077
29	10	LDR UNBIAS	99.995	100	0.0065
30	10	LDR UNBIAS	99.995	99.986	-0.0082
31	20	LDR BIAS	100	99.998	-0.0013
32	20	LDR BIAS	99.994	100	0.0071
33	20	LDR BIAS	99.992	100	0.009
34	20	LDR BIAS	99.993	99.999	0.0056
35	20	LDR BIAS	99.998	99.998	-0.0003
36	20	LDR UNBIAS	99.994	99.999	0.0054
37	20	LDR UNBIAS	99.994	99.999	0.0054
38	20	LDR UNBIAS	99.993	99.999	0.0053
39	20	LDR UNBIAS	99.995	100	0.0056
40	20	LDR UNBIAS	99.995	100	0.0062
41	30	LDR BIAS	100	99.998	-0.0014
42	30	LDR BIAS	99.994	100	0.0078
43	30	LDR BIAS	99.992	99.999	0.0073
44	30	LDR BIAS	99.993	100	0.0069
45	30	LDR BIAS	99.998	100	0.0014
46	30	LDR UNBIAS	99.994	100	0.0074
47	30	LDR UNBIAS	99.994	99.999	0.0053
48	30	LDR UNBIAS	99.993	99.999	0.0053
49	30	LDR UNBIAS	99.995	99.998	0.0033
50	30	LDR UNBIAS	99.995	99.999	0.0046
51	50	LDR BIAS	100	99.996	-0.0033
52	50	LDR BIAS	99.994	99.996	0.0024
53	50	LDR BIAS	99.992	99.994	0.002
54	50	LDR BIAS	99.993	99.994	0.0009
55	50	LDR BIAS	99.998	99.997	-0.0014
56	50	LDR UNBIAS	99.994	99.994	0.0001
57	50	LDR UNBIAS	99.994	99.994	0.0006
58	50	LDR UNBIAS	99.993	99.995	0.002
59	50	LDR UNBIAS	99.995	99.996	0.001
60	50	LDR UNBIAS	99.995	99.996	0.0012
61	100	LDR BIAS	100	99.995	-0.0047
62	100	LDR BIAS	99.994	99.994	0
63	100	LDR BIAS	99.992	99.995	0.0028
64	100	LDR BIAS	99.993	99.995	0.0011
65	100	LDR BIAS	99.998	99.993	-0.0055
66	100	LDR UNBIAS	99.994	99.995	0.0016
67	100	LDR UNBIAS	99.994	99.995	0.0015
68	100	LDR UNBIAS	99.993	99.993	-0.0005
69	100	LDR UNBIAS	99.995	99.995	0.0004
70	100	LDR UNBIAS	99.995	99.995	0.0001

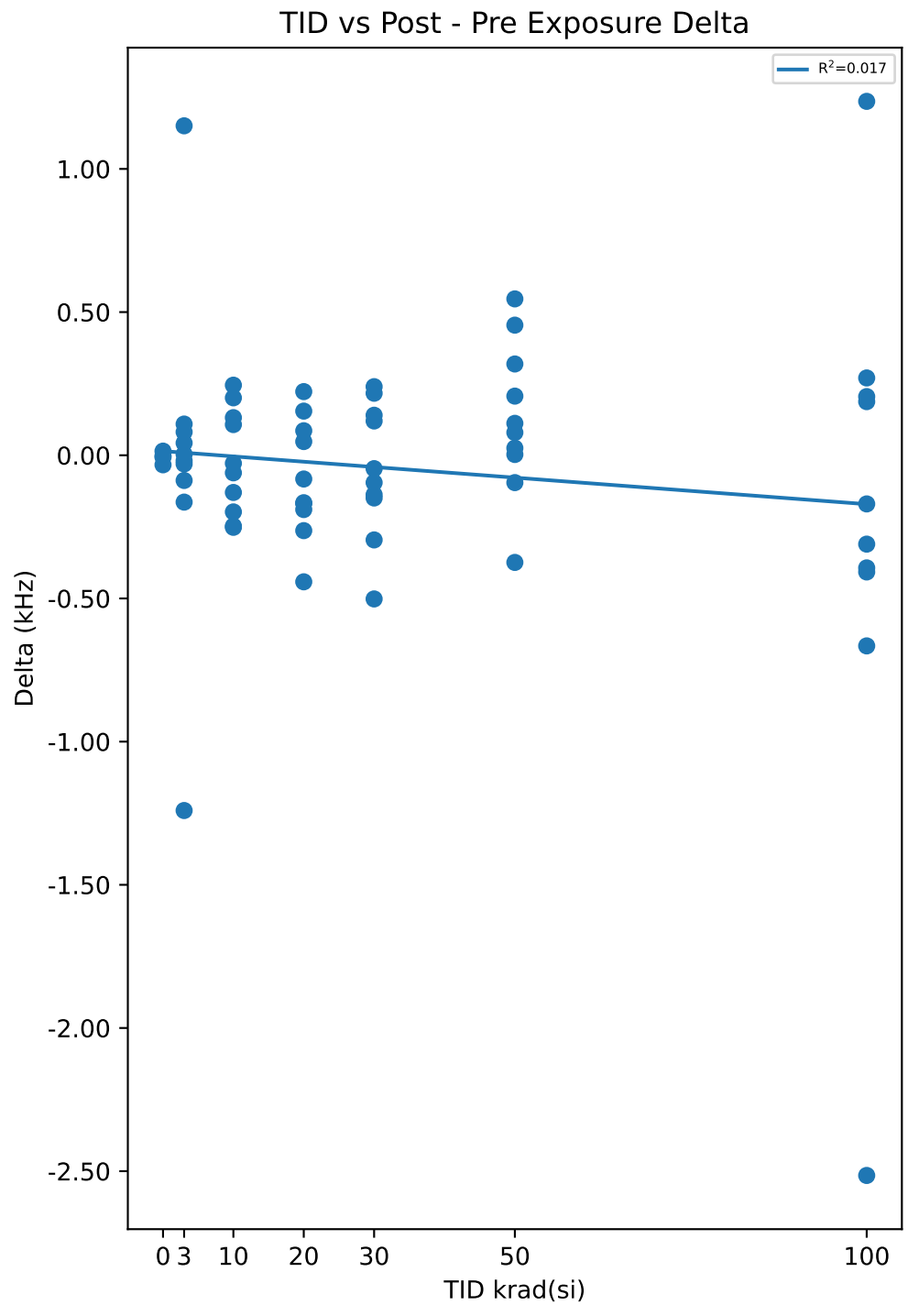


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.992	99.994	99.998	0.0028166	99.999	100	100	0.0011354	0.002	0.005775	0.0076	0.0025565
3	99.992	99.995	100	0.0023623	99.964	99.992	99.999	0.0099902	-0.0301	-0.00257	0.0019	0.0097474
10	99.992	99.995	100	0.0023623	99.986	99.999	100	0.0046572	-0.0082	0.00456	0.0077	0.0050805
20	99.992	99.995	100	0.0023623	99.998	100	100	0.0010896	-0.0013	0.0048	0.009	0.0031686
30	99.992	99.995	100	0.0023623	99.998	100	100	0.0011872	-0.0014	0.00479	0.0078	0.0029666
50	99.992	99.995	100	0.0023623	99.994	99.995	99.997	0.0010477	-0.0033	0.00055	0.0024	0.0017386
100	99.992	99.995	100	0.0023623	99.993	99.994	99.995	0.00093458	-0.0055	-0.00032	0.0028	0.0026997

Device Test: 20.75 LEVEL|FREQ/RT/12/12/0/1000/5/100kHz//@FSW_EXT_RT_A





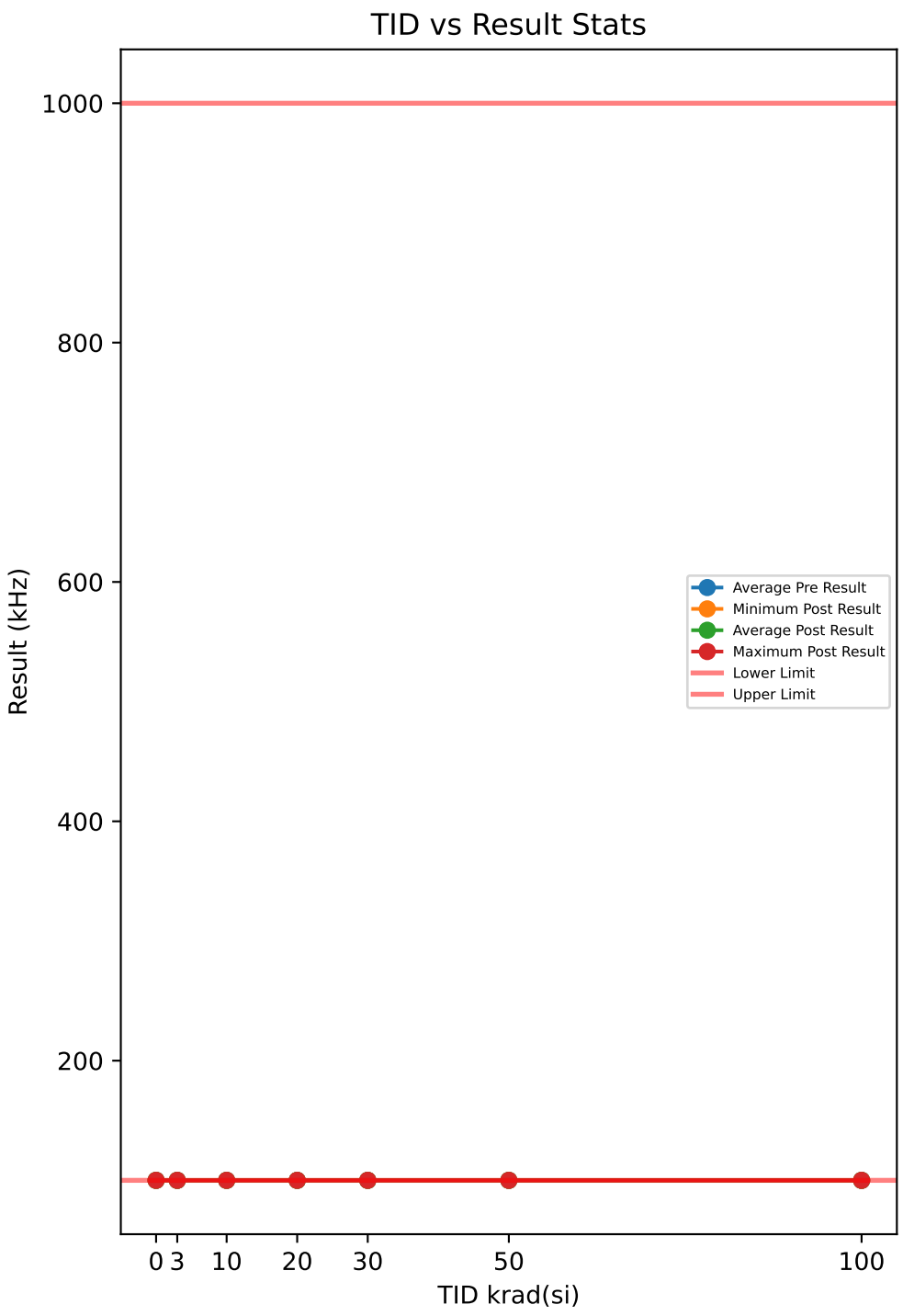
Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

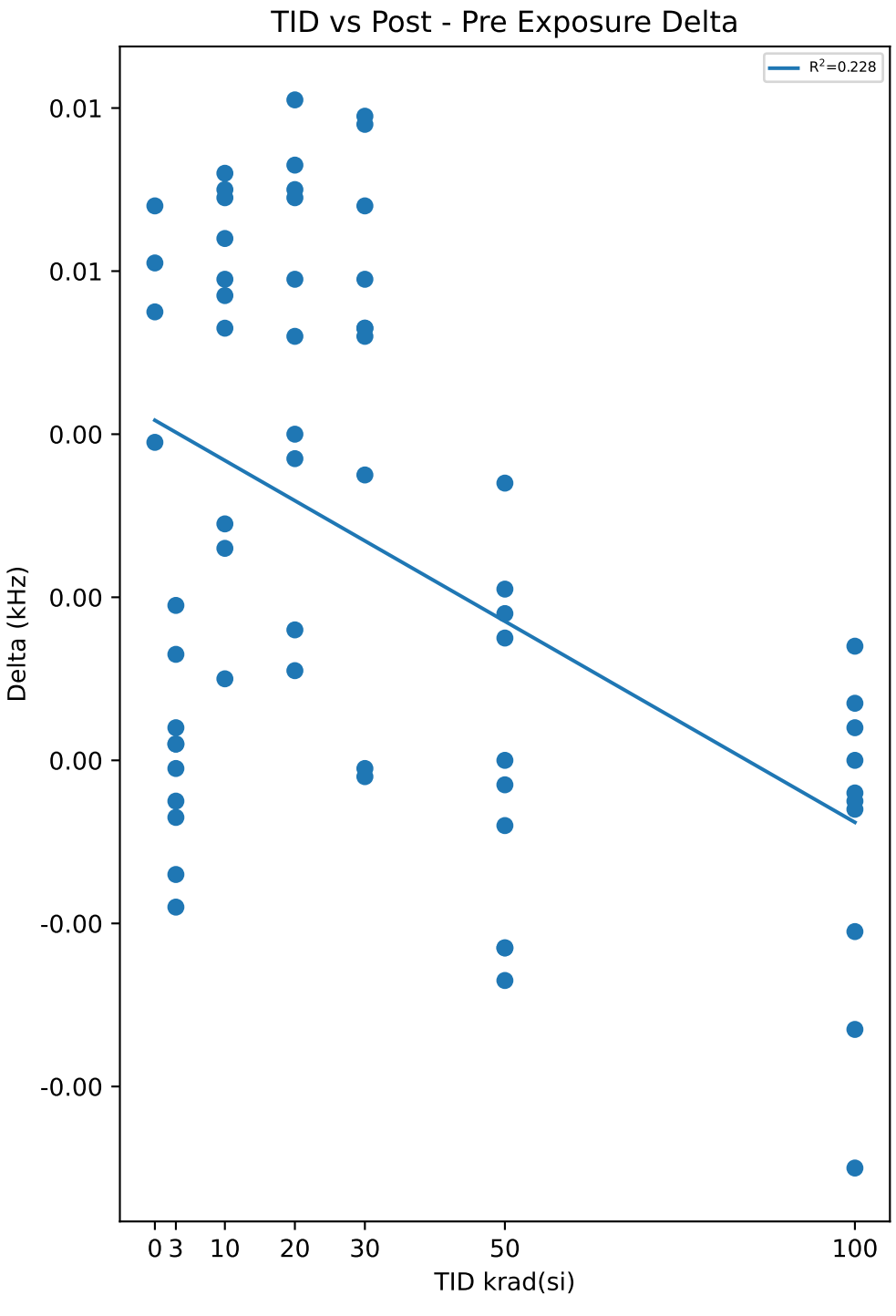
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.442	94.551	0.109
2	3	LDR BIAS	94.171	92.93	-1.2406
3	3	LDR BIAS	92.914	94.064	1.1505
4	3	LDR BIAS	94.254	94.091	-0.1636
5	3	LDR BIAS	94.06	94.142	0.0812
6	3	LDR UNBIAS	93.062	93.105	0.0429
7	3	LDR UNBIAS	95.315	95.227	-0.088
8	3	LDR UNBIAS	95.769	95.772	0.0036
9	3	LDR UNBIAS	95.846	95.816	-0.0303
10	3	LDR UNBIAS	95.165	95.146	-0.0191
11	0	CORRELATION	92.531	92.498	-0.0333
12	0	CORRELATION	92.718	92.716	-0.002
13	0	CORRELATION	94.567	94.582	0.0145
14	0	CORRELATION	94.218	94.211	-0.0069
21	10	LDR BIAS	94.442	94.642	0.2006
22	10	LDR BIAS	94.171	94.278	0.1072
23	10	LDR BIAS	92.914	93.045	0.1314
24	10	LDR BIAS	94.254	94.226	-0.0282
25	10	LDR BIAS	94.06	93.93	-0.1299
26	10	LDR UNBIAS	93.062	92.81	-0.2516
27	10	LDR UNBIAS	95.315	95.117	-0.1978
28	10	LDR UNBIAS	95.769	96.014	0.2448
29	10	LDR UNBIAS	95.846	95.599	-0.2473
30	10	LDR UNBIAS	95.165	95.104	-0.0613
31	20	LDR BIAS	94.442	94.664	0.2223
32	20	LDR BIAS	94.171	94.088	-0.0829
33	20	LDR BIAS	92.914	93.068	0.1542
34	20	LDR BIAS	94.254	94.089	-0.1657
35	20	LDR BIAS	94.06	93.797	-0.2632
36	20	LDR UNBIAS	93.062	92.62	-0.4419
37	20	LDR UNBIAS	95.315	95.125	-0.1896
38	20	LDR UNBIAS	95.769	95.817	0.0479
39	20	LDR UNBIAS	95.846	95.678	-0.1686
40	20	LDR UNBIAS	95.165	95.251	0.0856
41	30	LDR BIAS	94.442	94.681	0.2396
42	30	LDR BIAS	94.171	94.076	-0.0954
43	30	LDR BIAS	92.914	93.054	0.1398
44	30	LDR BIAS	94.254	93.753	-0.5017
45	30	LDR BIAS	94.06	93.923	-0.1376
46	30	LDR UNBIAS	93.062	92.912	-0.1492
47	30	LDR UNBIAS	95.315	95.019	-0.2956
48	30	LDR UNBIAS	95.769	95.888	0.1197
49	30	LDR UNBIAS	95.846	95.799	-0.0467
50	30	LDR UNBIAS	95.165	95.382	0.2166
51	50	LDR BIAS	94.442	94.988	0.5461
52	50	LDR BIAS	94.171	94.174	0.0027
53	50	LDR BIAS	92.914	92.993	0.0794
54	50	LDR BIAS	94.254	94.279	0.025
55	50	LDR BIAS	94.06	93.965	-0.0955
56	50	LDR UNBIAS	93.062	93.38	0.3188
57	50	LDR UNBIAS	95.315	94.941	-0.3742
58	50	LDR UNBIAS	95.769	95.975	0.2066
59	50	LDR UNBIAS	95.846	95.958	0.1115
60	50	LDR UNBIAS	95.165	95.619	0.4544
61	100	LDR BIAS	94.442	95.677	1.2359
62	100	LDR BIAS	94.171	93.778	-0.3933
63	100	LDR BIAS	92.914	92.744	-0.1699
64	100	LDR BIAS	94.254	93.589	-0.6657
65	100	LDR BIAS	94.06	94.248	0.1873
66	100	LDR UNBIAS	93.062	92.654	-0.4075
67	100	LDR UNBIAS	95.315	95.004	-0.3103
68	100	LDR UNBIAS	95.769	95.974	0.2049
69	100	LDR UNBIAS	95.846	96.116	0.27
70	100	LDR UNBIAS	95.165	92.65	-2.515

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.531	93.508	94.567	1.0334	92.498	93.502	94.582	1.0478	-0.0333	-0.006925	0.0145	0.019824
3	92.914	94.5	95.846	1.0262	92.93	94.484	95.816	1.0107	-1.2406	-0.01544	1.1505	0.56926
10	92.914	94.5	95.846	1.0262	92.81	94.477	96.014	1.0371	-0.2516	-0.02321	0.2448	0.18516
20	92.914	94.5	95.846	1.0262	92.62	94.42	95.817	1.0778	-0.4419	-0.08019	0.2223	0.20596
30	92.914	94.5	95.846	1.0262	92.912	94.449	95.888	1.0726	-0.5017	-0.05105	0.2396	0.23657
50	92.914	94.5	95.846	1.0262	92.993	94.627	95.975	1.043	-0.3742	0.12748	0.5461	0.26978
100	92.914	94.5	95.846	1.0262	92.65	94.243	96.116	1.3783	-2.515	-0.25636	1.2359	0.95653

Device Test: 20.76 LEVEL|FREQ/SYNC/12/12/0/1000/5/100kHz//@FREQ_SYNC_EXT





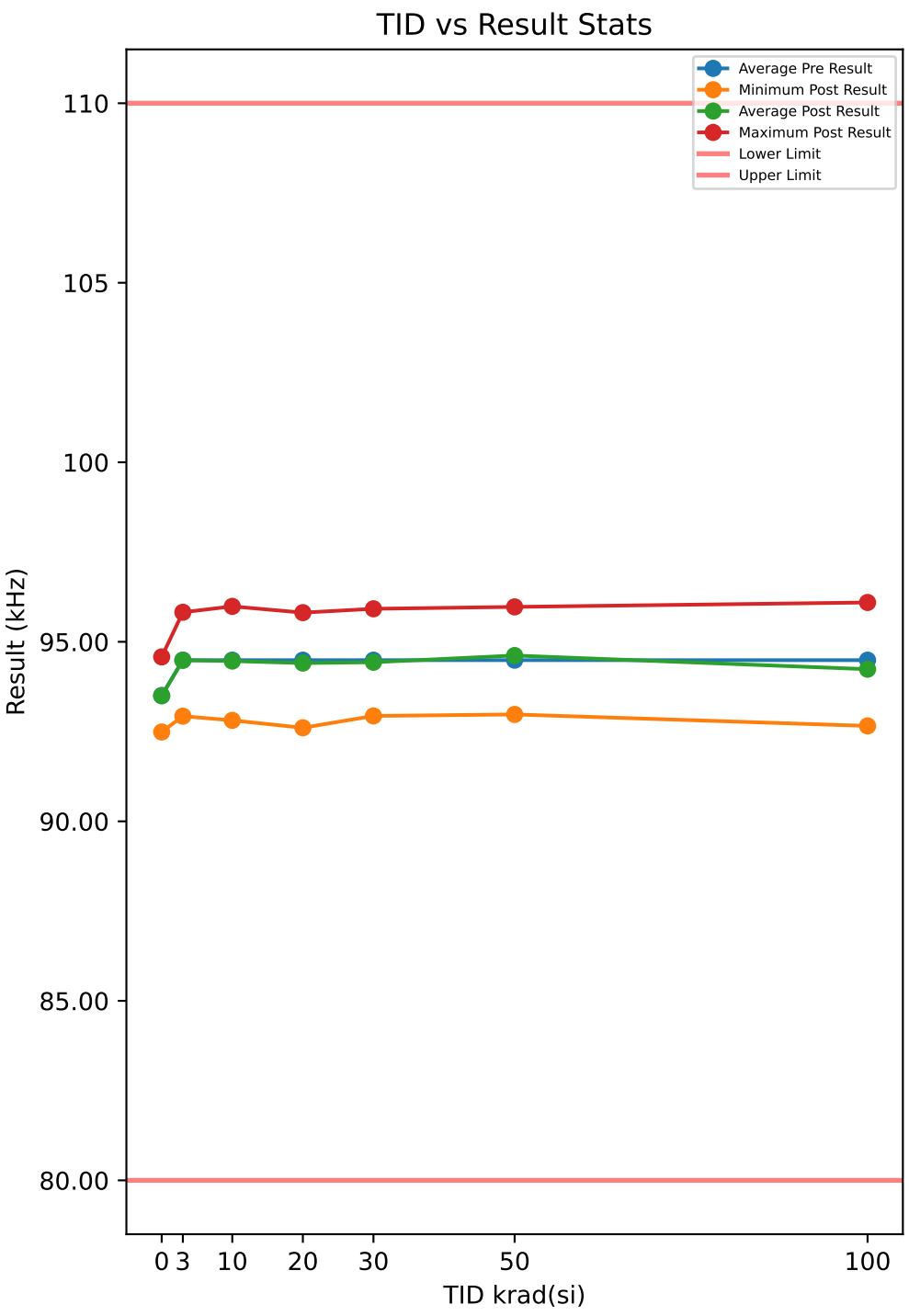
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	99.998	99.999	0.0013
2	3	LDR BIAS	99.994	99.994	-0.0001
3	3	LDR BIAS	99.994	99.993	-0.0005
4	3	LDR BIAS	99.995	99.995	0.0002
5	3	LDR BIAS	99.998	99.999	0.0004
6	3	LDR UNBIAS	99.994	99.993	-0.0007
7	3	LDR UNBIAS	99.994	99.992	-0.0018
8	3	LDR UNBIAS	99.995	99.995	0.0002
9	3	LDR UNBIAS	99.996	99.995	-0.0014
10	3	LDR UNBIAS	99.993	99.995	0.0019
11	0	CORRELATION	99.993	100	0.0068
12	0	CORRELATION	99.995	100	0.0061
13	0	CORRELATION	99.996	100	0.0039
14	0	CORRELATION	99.995	100	0.0055
21	10	LDR BIAS	99.998	100	0.0026
22	10	LDR BIAS	99.994	100	0.0069
23	10	LDR BIAS	99.994	100	0.0072
24	10	LDR BIAS	99.995	100	0.0057
25	10	LDR BIAS	99.998	99.999	0.001
26	10	LDR UNBIAS	99.994	100	0.007
27	10	LDR UNBIAS	99.994	100	0.0059
28	10	LDR UNBIAS	99.995	100	0.0064
29	10	LDR UNBIAS	99.996	99.999	0.0029
30	10	LDR UNBIAS	99.993	99.998	0.0053
31	20	LDR BIAS	99.998	100	0.0016
32	20	LDR BIAS	99.994	100	0.007
33	20	LDR BIAS	99.994	100	0.0073
34	20	LDR BIAS	99.995	99.999	0.004
35	20	LDR BIAS	99.998	99.999	0.0011
36	20	LDR UNBIAS	99.994	100	0.0069
37	20	LDR UNBIAS	99.994	100	0.0059
38	20	LDR UNBIAS	99.995	100	0.0052
39	20	LDR UNBIAS	99.996	100	0.0037
40	20	LDR UNBIAS	99.993	100	0.0081
41	30	LDR BIAS	99.998	99.998	-0.0001
42	30	LDR BIAS	99.994	100	0.0079
43	30	LDR BIAS	99.994	99.999	0.0053
44	30	LDR BIAS	99.995	100	0.0052
45	30	LDR BIAS	99.998	99.998	-0.0002
46	30	LDR UNBIAS	99.994	99.999	0.0059
47	30	LDR UNBIAS	99.994	100	0.0068
48	30	LDR UNBIAS	99.995	100	0.0053
49	30	LDR UNBIAS	99.996	100	0.0035
50	30	LDR UNBIAS	99.993	100	0.0078
51	50	LDR BIAS	99.998	99.995	-0.0027
52	50	LDR BIAS	99.994	99.996	0.0021
53	50	LDR BIAS	99.994	99.995	0.0015
54	50	LDR BIAS	99.995	99.995	-0.0003
55	50	LDR BIAS	99.998	99.996	-0.0023
56	50	LDR UNBIAS	99.994	99.995	0.0018
57	50	LDR UNBIAS	99.994	99.994	0
58	50	LDR UNBIAS	99.995	99.994	-0.0008
59	50	LDR UNBIAS	99.996	99.994	-0.0023
60	50	LDR UNBIAS	99.993	99.996	0.0034
61	100	LDR BIAS	99.998	99.993	-0.005
62	100	LDR BIAS	99.994	99.994	0.0007
63	100	LDR BIAS	99.994	99.993	-0.0006
64	100	LDR BIAS	99.995	99.995	0
65	100	LDR BIAS	99.998	99.995	-0.0033
66	100	LDR UNBIAS	99.994	99.993	-0.0004
67	100	LDR UNBIAS	99.994	99.994	0.0004
68	100	LDR UNBIAS	99.995	99.994	-0.0005
69	100	LDR UNBIAS	99.996	99.994	-0.0021
70	100	LDR UNBIAS	99.993	99.994	0.0014

Test Statistics (kHz)

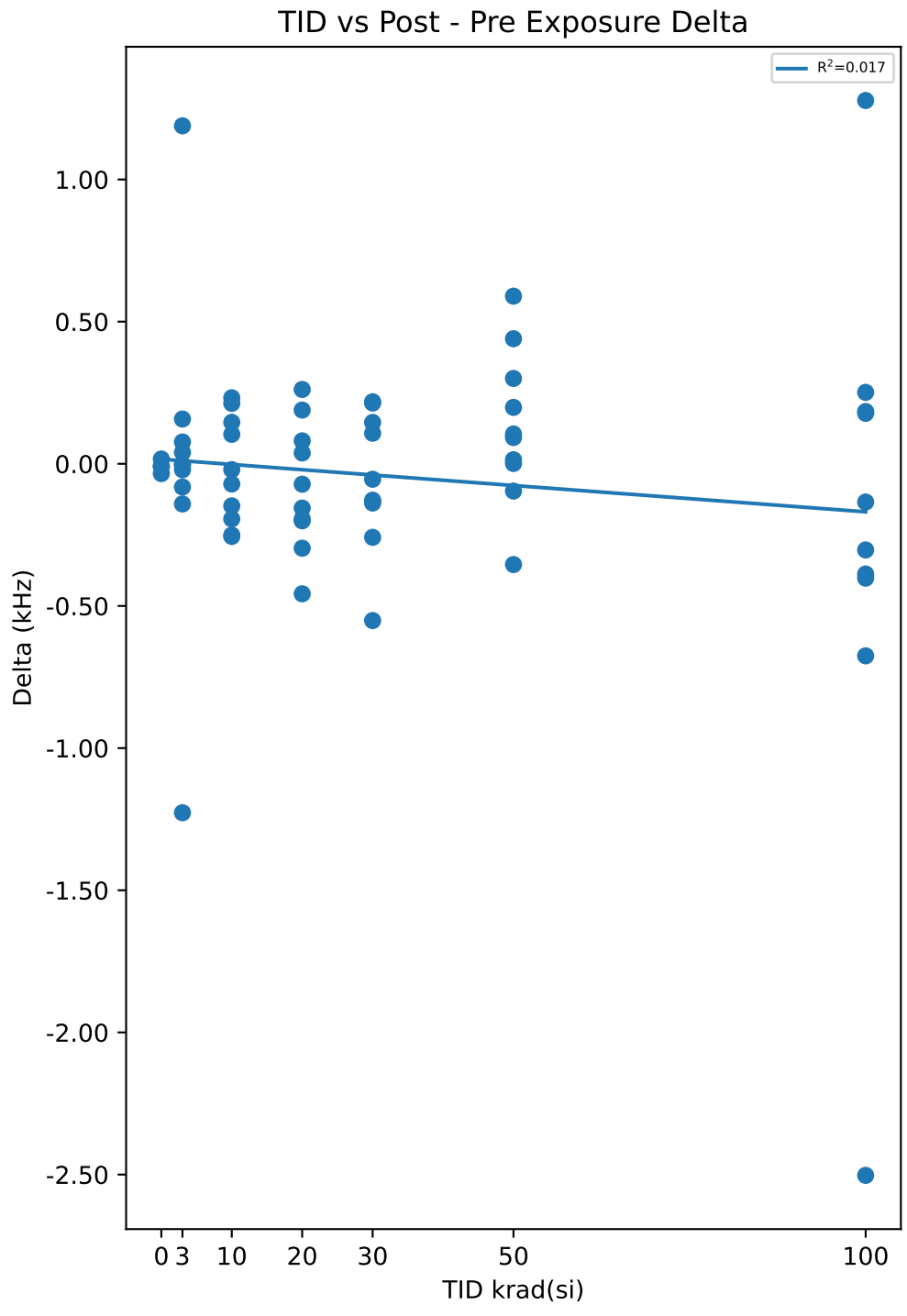
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.993	99.995	99.996	0.0013124	100	100	100	0.00045092	0.0039	0.005575	0.0068	0.0012366
3	99.993	99.995	99.998	0.0019114	99.992	99.995	99.999	0.002393	-0.0018	-5e-05	0.0019	0.0011287
10	99.993	99.995	99.998	0.0019114	99.998	100	100	0.00093666	0.001	0.00509	0.0072	0.0021574
20	99.993	99.995	99.998	0.0019114	99.999	100	100	0.00073401	0.0011	0.00508	0.0081	0.0024211
30	99.993	99.995	99.998	0.0019114	99.998	100	100	0.0011324	-0.0002	0.00474	0.0079	0.0028895
50	99.993	99.995	99.998	0.0019114	99.994	99.995	99.996	0.00095225	-0.0027	4e-05	0.0034	0.0021093
100	99.993	99.995	99.998	0.0019114	99.993	99.994	99.995	0.00072026	-0.005	-0.00094	0.0014	0.0019676

Device Test: 20.77 LEVEL|FREQ/RT/14/14/0/1000/5/100kHz//@FSW_EXT_RT_A



Test Results (Lower Limit = 80.0, Upper Limit = 110.0 (kHz))

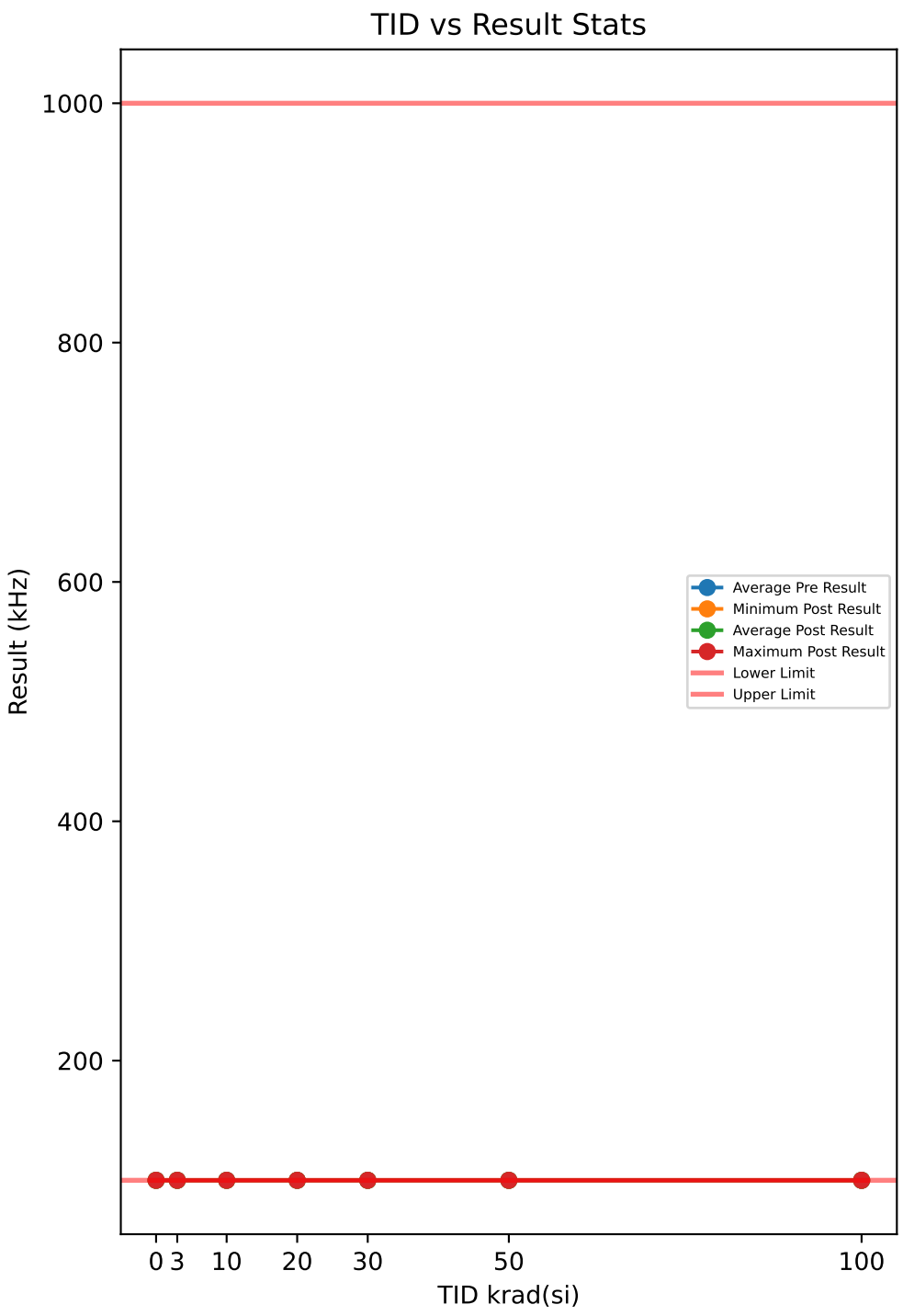
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	94.4	94.557	0.1574
2	3	LDR BIAS	94.156	92.928	-1.2273
3	3	LDR BIAS	92.885	94.073	1.1888
4	3	LDR BIAS	94.245	94.103	-0.1413
5	3	LDR BIAS	94.06	94.136	0.0767
6	3	LDR UNBIAS	93.063	93.103	0.0401
7	3	LDR UNBIAS	95.301	95.219	-0.0817
8	3	LDR UNBIAS	95.774	95.768	-0.0057
9	3	LDR UNBIAS	95.844	95.823	-0.0209
10	3	LDR UNBIAS	95.16	95.157	-0.0032
11	0	CORRELATION	92.522	92.488	-0.0345
12	0	CORRELATION	92.723	92.715	-0.0085
13	0	CORRELATION	94.563	94.58	0.0169
14	0	CORRELATION	94.21	94.201	-0.0092
21	10	LDR BIAS	94.4	94.632	0.2322
22	10	LDR BIAS	94.156	94.259	0.1036
23	10	LDR BIAS	92.885	93.03	0.1458
24	10	LDR BIAS	94.245	94.224	-0.0205
25	10	LDR BIAS	94.06	93.912	-0.148
26	10	LDR UNBIAS	93.063	92.812	-0.2507
27	10	LDR UNBIAS	95.301	95.107	-0.1938
28	10	LDR UNBIAS	95.774	95.987	0.2125
29	10	LDR UNBIAS	95.844	95.588	-0.2555
30	10	LDR UNBIAS	95.16	95.089	-0.071
31	20	LDR BIAS	94.4	94.661	0.2615
32	20	LDR BIAS	94.156	94.084	-0.0718
33	20	LDR BIAS	92.885	93.074	0.189
34	20	LDR BIAS	94.245	94.089	-0.1558
35	20	LDR BIAS	94.06	93.763	-0.2969
36	20	LDR UNBIAS	93.063	92.606	-0.4573
37	20	LDR UNBIAS	95.301	95.1	-0.2006
38	20	LDR UNBIAS	95.774	95.812	0.0382
39	20	LDR UNBIAS	95.844	95.65	-0.1939
40	20	LDR UNBIAS	95.16	95.241	0.0807
41	30	LDR BIAS	94.4	94.618	0.2182
42	30	LDR BIAS	94.156	94.025	-0.1308
43	30	LDR BIAS	92.885	92.992	0.1075
44	30	LDR BIAS	94.245	93.693	-0.5514
45	30	LDR BIAS	94.06	93.922	-0.138
46	30	LDR UNBIAS	93.063	92.935	-0.128
47	30	LDR UNBIAS	95.301	95.042	-0.2586
48	30	LDR UNBIAS	95.774	95.919	0.1454
49	30	LDR UNBIAS	95.844	95.79	-0.0543
50	30	LDR UNBIAS	95.16	95.374	0.2137
51	50	LDR BIAS	94.4	94.989	0.5897
52	50	LDR BIAS	94.156	94.157	0.0011
53	50	LDR BIAS	92.885	92.977	0.0924
54	50	LDR BIAS	94.245	94.259	0.0143
55	50	LDR BIAS	94.06	93.964	-0.0959
56	50	LDR UNBIAS	93.063	93.363	0.3002
57	50	LDR UNBIAS	95.301	94.946	-0.3544
58	50	LDR UNBIAS	95.774	95.972	0.1984
59	50	LDR UNBIAS	95.844	95.949	0.1049
60	50	LDR UNBIAS	95.16	95.6	0.4399
61	100	LDR BIAS	94.4	95.677	1.2778
62	100	LDR BIAS	94.156	93.768	-0.3877
63	100	LDR BIAS	92.885	92.75	-0.1345
64	100	LDR BIAS	94.245	93.569	-0.6755
65	100	LDR BIAS	94.06	94.243	0.1838
66	100	LDR UNBIAS	93.063	92.661	-0.4022
67	100	LDR UNBIAS	95.301	94.998	-0.3031
68	100	LDR UNBIAS	95.774	95.951	0.1775
69	100	LDR UNBIAS	95.844	96.095	0.2513
70	100	LDR UNBIAS	95.16	92.657	-2.5028



Test Statistics (kHz)

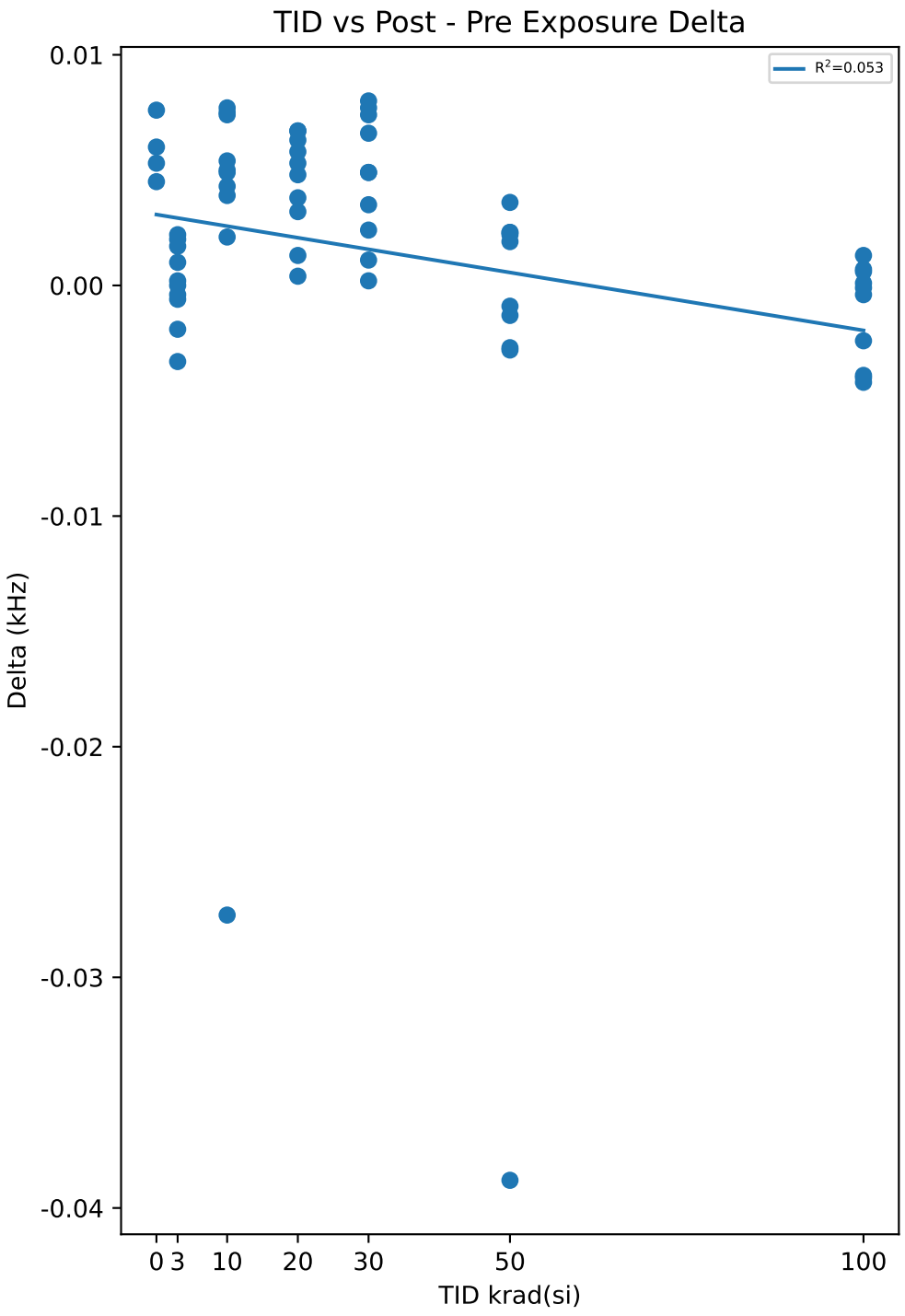
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	92.522	93.505	94.563	1.0318	92.488	93.496	94.58	1.0486	-0.0345	-0.008825	0.0169	0.020986
3	92.885	94.489	95.844	1.031	92.928	94.487	95.823	1.0111	-1.2273	-0.00171	1.1888	0.57531
10	92.885	94.489	95.844	1.031	92.812	94.464	95.987	1.0329	-0.2555	-0.02454	0.2322	0.188
20	92.885	94.489	95.844	1.031	92.606	94.408	95.812	1.0751	-0.4573	-0.08069	0.2615	0.22398
30	92.885	94.489	95.844	1.031	92.935	94.431	95.919	1.087	-0.5514	-0.05763	0.2182	0.24018
50	92.885	94.489	95.844	1.031	92.977	94.618	95.972	1.0463	-0.3544	0.12906	0.5897	0.27054
100	92.885	94.489	95.844	1.031	92.657	94.237	96.095	1.3704	-2.5028	-0.25154	1.2778	0.95864

Device Test: 20.78 LEVEL|FREQ/SYNC/14/14/0/1000/5/100kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

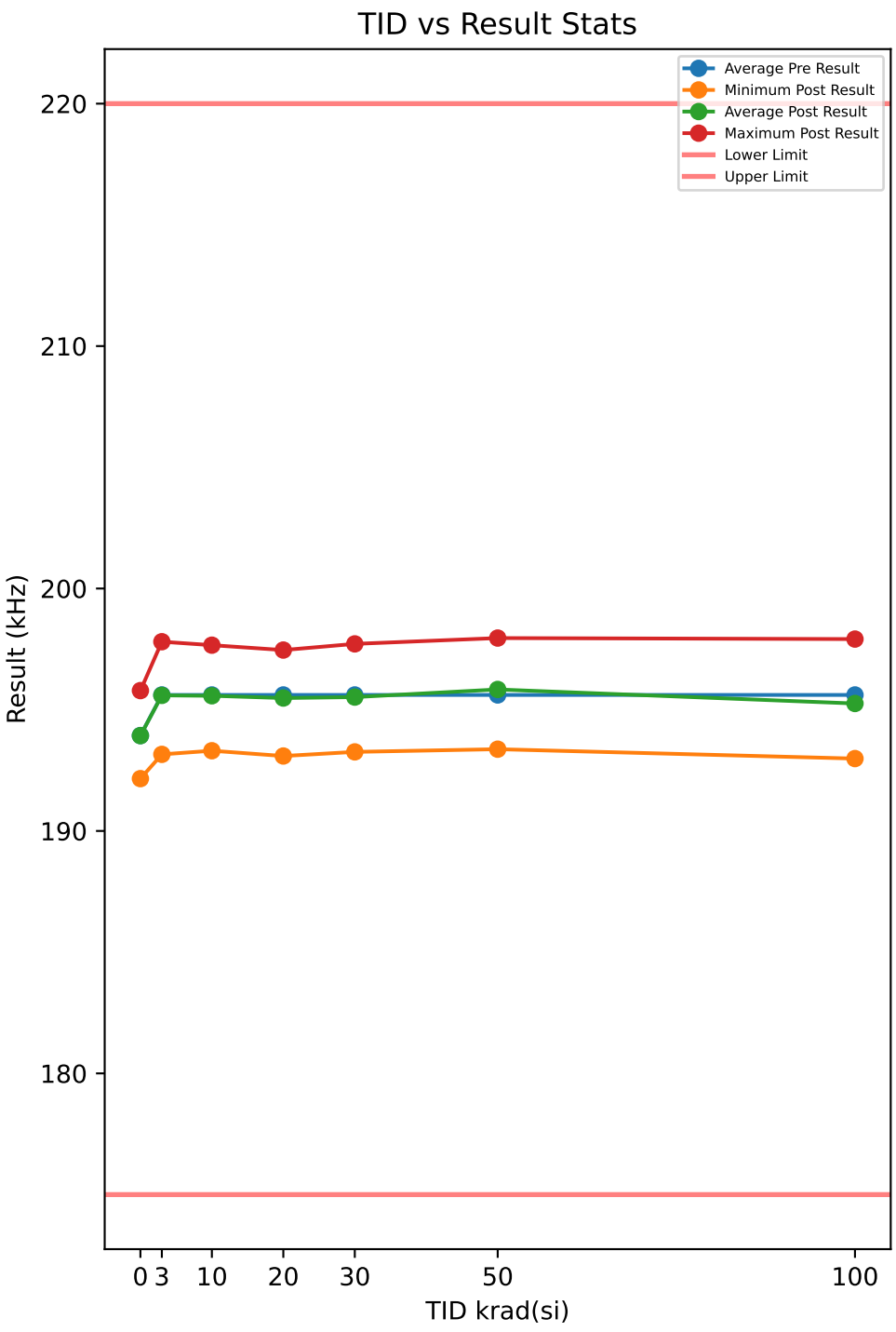
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	99.997	99.999	0.0022
2	3	LDR BIAS	99.993	99.995	0.002
3	3	LDR BIAS	99.993	99.993	0
4	3	LDR BIAS	99.995	99.995	0.0002
5	3	LDR BIAS	99.997	99.998	0.001
6	3	LDR UNBIAS	99.996	99.995	-0.0004
7	3	LDR UNBIAS	99.994	99.992	-0.0019
8	3	LDR UNBIAS	99.993	99.995	0.0017
9	3	LDR UNBIAS	99.998	99.995	-0.0033
10	3	LDR UNBIAS	99.993	99.993	-0.0006
11	0	CORRELATION	99.994	100	0.006
12	0	CORRELATION	99.993	100	0.0076
13	0	CORRELATION	99.996	100	0.0045
14	0	CORRELATION	99.993	99.999	0.0053
21	10	LDR BIAS	99.997	100	0.0039
22	10	LDR BIAS	99.993	100	0.0074
23	10	LDR BIAS	99.993	100	0.0077
24	10	LDR BIAS	99.995	99.968	-0.0273
25	10	LDR BIAS	99.997	100	0.005
26	10	LDR UNBIAS	99.996	100	0.0043
27	10	LDR UNBIAS	99.994	99.999	0.0049
28	10	LDR UNBIAS	99.993	100	0.0075
29	10	LDR UNBIAS	99.998	100	0.0021
30	10	LDR UNBIAS	99.993	99.999	0.0054
31	20	LDR BIAS	99.997	99.999	0.0013
32	20	LDR BIAS	99.993	99.999	0.0063
33	20	LDR BIAS	99.993	100	0.0067
34	20	LDR BIAS	99.995	99.999	0.0038
35	20	LDR BIAS	99.997	100	0.0032
36	20	LDR UNBIAS	99.996	100	0.0048
37	20	LDR UNBIAS	99.994	100	0.0067
38	20	LDR UNBIAS	99.993	99.999	0.0053
39	20	LDR UNBIAS	99.998	99.999	0.0004
40	20	LDR UNBIAS	99.993	99.999	0.0058
41	30	LDR BIAS	99.997	100	0.0024
42	30	LDR BIAS	99.993	100	0.008
43	30	LDR BIAS	99.993	100	0.0074
44	30	LDR BIAS	99.995	99.999	0.0035
45	30	LDR BIAS	99.997	99.998	0.0011
46	30	LDR UNBIAS	99.996	100	0.0049
47	30	LDR UNBIAS	99.994	99.999	0.0049
48	30	LDR UNBIAS	99.993	100	0.0066
49	30	LDR UNBIAS	99.998	99.998	0.0002
50	30	LDR UNBIAS	99.993	100	0.0077
51	50	LDR BIAS	99.997	99.959	-0.0388
52	50	LDR BIAS	99.993	99.997	0.0036
53	50	LDR BIAS	99.993	99.996	0.0023
54	50	LDR BIAS	99.995	99.994	-0.0013
55	50	LDR BIAS	99.997	99.994	-0.0027
56	50	LDR UNBIAS	99.996	99.995	-0.0009
57	50	LDR UNBIAS	99.994	99.996	0.0019
58	50	LDR UNBIAS	99.993	99.996	0.0023
59	50	LDR UNBIAS	99.998	99.995	-0.0028
60	50	LDR UNBIAS	99.993	99.996	0.0022
61	100	LDR BIAS	99.997	99.993	-0.0042
62	100	LDR BIAS	99.993	99.994	0.0007
63	100	LDR BIAS	99.993	99.993	0.0001
64	100	LDR BIAS	99.995	99.995	-0.0004
65	100	LDR BIAS	99.997	99.993	-0.004
66	100	LDR UNBIAS	99.996	99.993	-0.0024
67	100	LDR UNBIAS	99.994	99.995	0.0006
68	100	LDR UNBIAS	99.993	99.993	-0.0001
69	100	LDR UNBIAS	99.998	99.994	-0.0039
70	100	LDR UNBIAS	99.993	99.995	0.0013

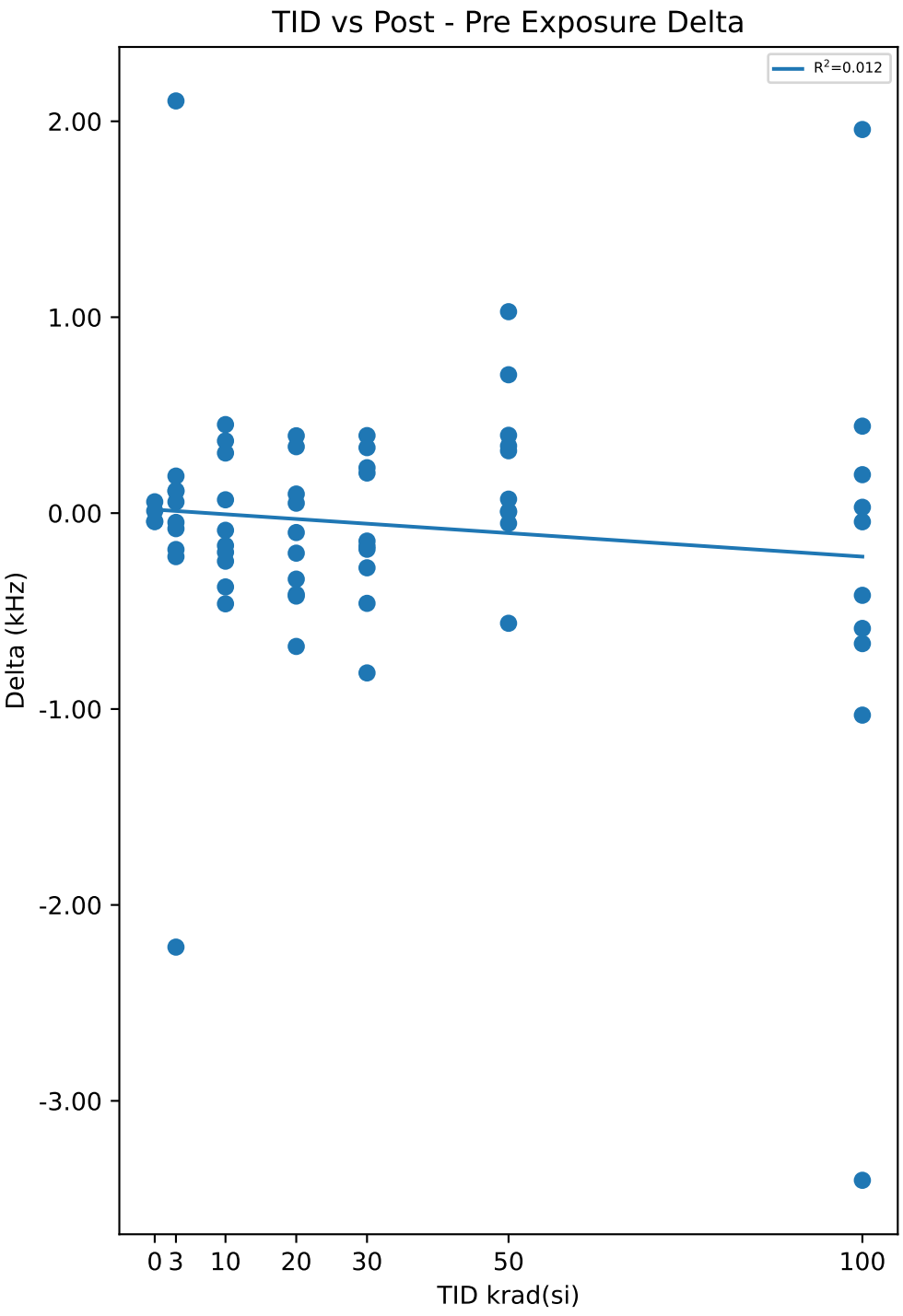


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	99.993	99.994	99.996	0.0012285	99.999	100	100	0.0009535	0.0045	0.00585	0.0076	0.0013178
3	99.993	99.995	99.998	0.0019038	99.992	99.995	99.999	0.002222	-0.0033	9e-05	0.0022	0.0017546
10	99.993	99.995	99.998	0.0019038	99.968	99.997	100	0.010345	-0.0273	0.00209	0.0077	0.010478
20	99.993	99.995	99.998	0.0019038	99.999	99.999	100	0.00082084	0.0004	0.00443	0.0067	0.0022241
30	99.993	99.995	99.998	0.0019038	99.998	100	100	0.0011766	0.0002	0.00467	0.008	0.0028048
50	99.993	99.995	99.998	0.0019038	99.959	99.992	99.997	0.011664	-0.0388	-0.00342	0.0036	0.012641
100	99.993	99.995	99.998	0.0019038	99.993	99.994	99.995	0.00073786	-0.0042	-0.00123	0.0013	0.0021654

Device Test: 20.79 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/200kHz//@FSW_EXT_RT_B





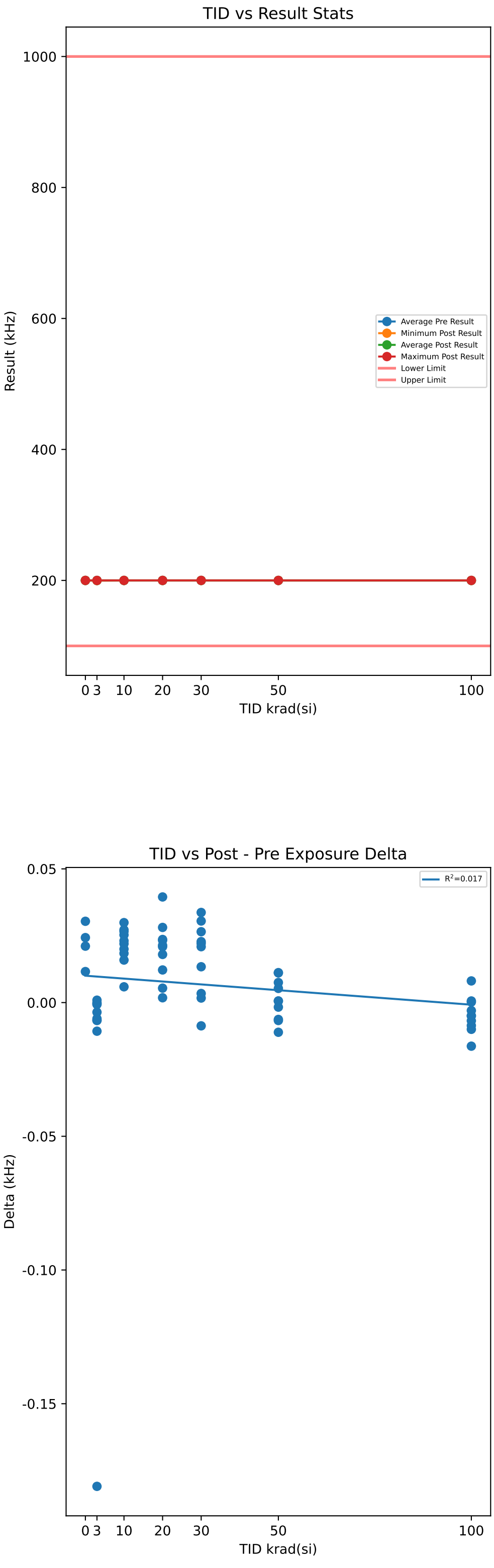
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	195.39	195.58	0.189
2	3	LDR BIAS	195.37	193.16	-2.2153
3	3	LDR BIAS	193.03	195.13	2.1039
4	3	LDR BIAS	195.33	195.1	-0.2222
5	3	LDR BIAS	194.98	195.1	0.1145
6	3	LDR UNBIAS	193.77	193.88	0.1118
7	3	LDR UNBIAS	196.37	196.18	-0.1858
8	3	LDR UNBIAS	197.36	197.41	0.0572
9	3	LDR UNBIAS	197.88	197.81	-0.0793
10	3	LDR UNBIAS	196.61	196.56	-0.0474
11	0	CORRELATION	192.2	192.16	-0.0425
12	0	CORRELATION	192.94	192.89	-0.043
13	0	CORRELATION	195.78	195.79	0.0112
14	0	CORRELATION	194.83	194.88	0.0578
21	10	LDR BIAS	195.39	195.84	0.4519
22	10	LDR BIAS	195.37	195.44	0.068
23	10	LDR BIAS	193.03	193.4	0.3686
24	10	LDR BIAS	195.33	195.24	-0.0877
25	10	LDR BIAS	194.98	194.82	-0.1658
26	10	LDR UNBIAS	193.77	193.31	-0.4629
27	10	LDR UNBIAS	196.37	196.13	-0.2454
28	10	LDR UNBIAS	197.36	197.66	0.3067
29	10	LDR UNBIAS	197.88	197.51	-0.3768
30	10	LDR UNBIAS	196.61	196.41	-0.1998
31	20	LDR BIAS	195.39	195.79	0.3947
32	20	LDR BIAS	195.37	195.28	-0.0992
33	20	LDR BIAS	193.03	193.37	0.339
34	20	LDR BIAS	195.33	195.12	-0.2044
35	20	LDR BIAS	194.98	194.57	-0.4151
36	20	LDR UNBIAS	193.77	193.09	-0.6805
37	20	LDR UNBIAS	196.37	196.03	-0.337
38	20	LDR UNBIAS	197.36	197.41	0.0507
39	20	LDR UNBIAS	197.88	197.46	-0.4234
40	20	LDR UNBIAS	196.61	196.71	0.0974
41	30	LDR BIAS	195.39	195.79	0.3957
42	30	LDR BIAS	195.37	195.23	-0.1427
43	30	LDR BIAS	193.03	193.26	0.2317
44	30	LDR BIAS	195.33	194.51	-0.8157
45	30	LDR BIAS	194.98	194.8	-0.1844
46	30	LDR UNBIAS	193.77	193.49	-0.2792
47	30	LDR UNBIAS	196.37	195.91	-0.4606
48	30	LDR UNBIAS	197.36	197.56	0.2047
49	30	LDR UNBIAS	197.88	197.72	-0.1687
50	30	LDR UNBIAS	196.61	196.94	0.3342
51	50	LDR BIAS	195.39	196.42	1.0281
52	50	LDR BIAS	195.37	195.38	0.0091
53	50	LDR BIAS	193.03	193.37	0.343
54	50	LDR BIAS	195.33	195.33	0.0062
55	50	LDR BIAS	194.98	194.93	-0.0524
56	50	LDR UNBIAS	193.77	194.17	0.3972
57	50	LDR UNBIAS	196.37	195.81	-0.5623
58	50	LDR UNBIAS	197.36	197.67	0.3182
59	50	LDR UNBIAS	197.88	197.96	0.0713
60	50	LDR UNBIAS	196.61	197.32	0.7062
61	100	LDR BIAS	195.39	197.35	1.958
62	100	LDR BIAS	195.37	194.71	-0.6661
63	100	LDR BIAS	193.03	192.99	-0.0442
64	100	LDR BIAS	195.33	194.29	-1.0311
65	100	LDR BIAS	194.98	195.43	0.4439
66	100	LDR UNBIAS	193.77	193.18	-0.5886
67	100	LDR UNBIAS	196.37	195.95	-0.4196
68	100	LDR UNBIAS	197.36	197.55	0.1962
69	100	LDR UNBIAS	197.88	197.91	0.0298
70	100	LDR UNBIAS	196.61	193.2	-3.4055

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	192.2	193.94	195.78	1.6526	192.16	193.93	195.79	1.691	-0.043	-0.004125	0.0578	0.048489
3	193.03	195.61	197.88	1.5062	193.16	195.59	197.81	1.4545	-2.2153	-0.01736	2.1039	1.0268
10	193.03	195.61	197.88	1.5062	193.31	195.58	197.66	1.4813	-0.4629	-0.03432	0.4519	0.31947
20	193.03	195.61	197.88	1.5062	193.09	195.48	197.46	1.517	-0.6805	-0.12778	0.3947	0.3495
30	193.03	195.61	197.88	1.5062	193.26	195.52	197.72	1.5661	-0.8157	-0.0885	0.3957	0.38353
50	193.03	195.61	197.88	1.5062	193.37	195.84	197.96	1.5104	-0.5623	0.22646	1.0281	0.44016
100	193.03	195.61	197.88	1.5062	192.99	195.26	197.91	1.8894	-3.4055	-0.35272	1.958	1.3522

Device Test: 20.80 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/200kHz//@FREQ_SYNC_EXT



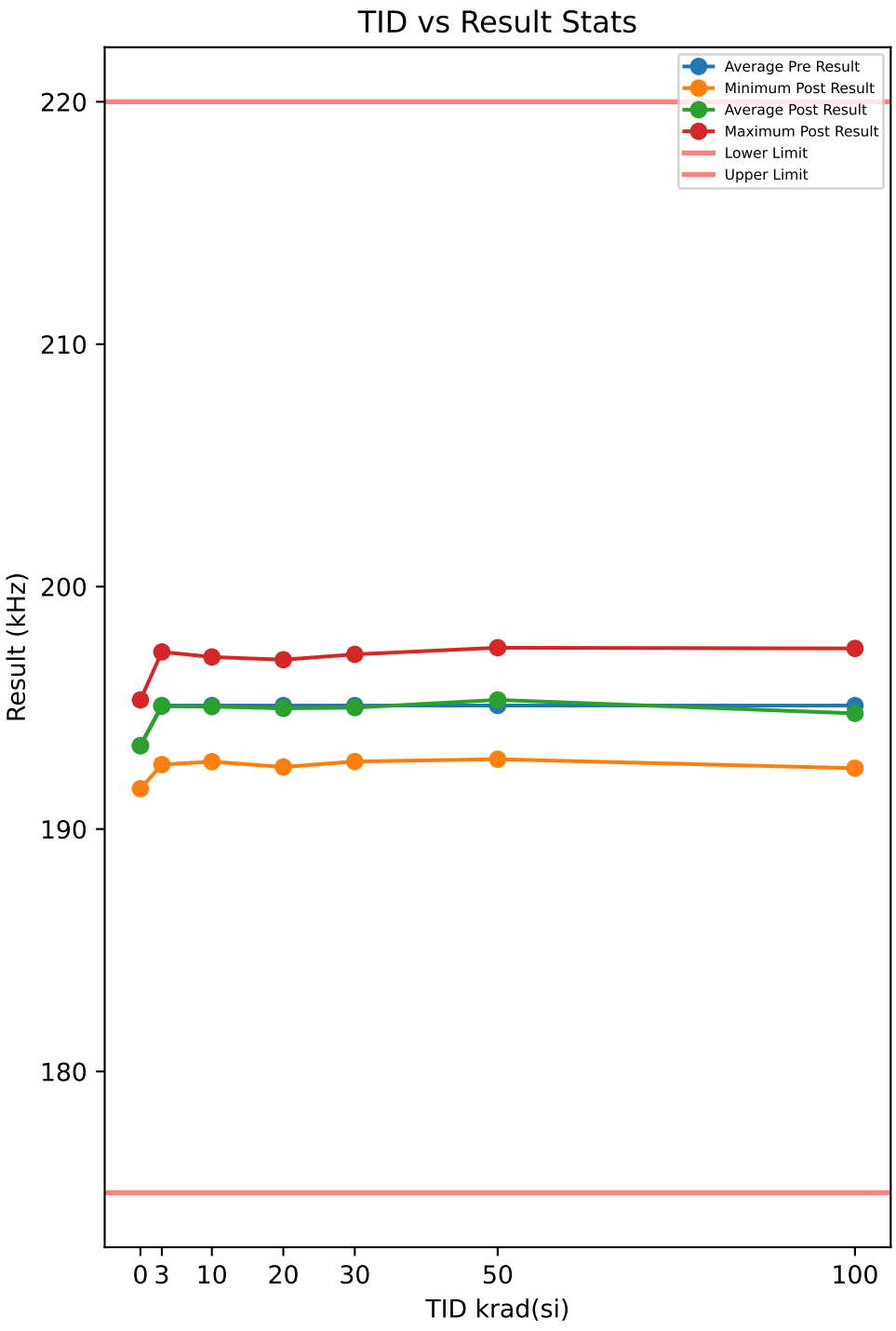
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.98	199.8	-0.1809
2	3	LDR BIAS	199.97	199.97	-0.0007
3	3	LDR BIAS	199.97	199.97	0.0009
4	3	LDR BIAS	199.98	199.97	-0.006
5	3	LDR BIAS	199.99	199.99	-0.0004
6	3	LDR UNBIAS	199.98	199.97	-0.0036
7	3	LDR UNBIAS	199.98	199.97	-0.0107
8	3	LDR UNBIAS	199.98	199.98	0
9	3	LDR UNBIAS	199.99	199.98	-0.0066
10	3	LDR UNBIAS	199.98	199.97	-0.0067
11	0	CORRELATION	199.98	200	0.0243
12	0	CORRELATION	199.97	200	0.0304
13	0	CORRELATION	199.99	200	0.0116
14	0	CORRELATION	199.98	200	0.0211
21	10	LDR BIAS	199.98	200.01	0.0272
22	10	LDR BIAS	199.97	200	0.0266
23	10	LDR BIAS	199.97	200	0.0299
24	10	LDR BIAS	199.98	200	0.02
25	10	LDR BIAS	199.99	200.01	0.0159
26	10	LDR UNBIAS	199.98	200	0.022
27	10	LDR UNBIAS	199.98	200	0.0253
28	10	LDR UNBIAS	199.98	200	0.0231
29	10	LDR UNBIAS	199.99	200	0.0059
30	10	LDR UNBIAS	199.98	200	0.0184
31	20	LDR BIAS	199.98	200	0.0209
32	20	LDR BIAS	199.97	200	0.0233
33	20	LDR BIAS	199.97	200.01	0.0395
34	20	LDR BIAS	199.98	200	0.0236
35	20	LDR BIAS	199.99	200	0.0054
36	20	LDR UNBIAS	199.98	200	0.0214
37	20	LDR UNBIAS	199.98	200.01	0.0281
38	20	LDR UNBIAS	199.98	199.99	0.0122
39	20	LDR UNBIAS	199.99	199.99	0.0018
40	20	LDR UNBIAS	199.98	200	0.018
41	30	LDR BIAS	199.98	199.97	-0.0087
42	30	LDR BIAS	199.97	200.01	0.0337
43	30	LDR BIAS	199.97	200	0.0305
44	30	LDR BIAS	199.98	200	0.0228
45	30	LDR BIAS	199.99	199.99	0.0017
46	30	LDR UNBIAS	199.98	200	0.0221
47	30	LDR UNBIAS	199.98	200	0.0265
48	30	LDR UNBIAS	199.98	199.99	0.0134
49	30	LDR UNBIAS	199.99	199.99	0.0034
50	30	LDR UNBIAS	199.98	200	0.0209
51	50	LDR BIAS	199.98	199.98	0.0053
52	50	LDR BIAS	199.97	199.98	0.0111
53	50	LDR BIAS	199.97	199.98	0.0112
54	50	LDR BIAS	199.98	199.98	0.0006
55	50	LDR BIAS	199.99	199.98	-0.0067
56	50	LDR UNBIAS	199.98	199.98	0.0006
57	50	LDR UNBIAS	199.98	199.98	-0.0017
58	50	LDR UNBIAS	199.98	199.98	-0.0063
59	50	LDR UNBIAS	199.99	199.98	-0.0111
60	50	LDR UNBIAS	199.98	199.99	0.0075
61	100	LDR BIAS	199.98	199.98	0.0006
62	100	LDR BIAS	199.97	199.97	0.0002
63	100	LDR BIAS	199.97	199.97	0.0081
64	100	LDR BIAS	199.98	199.97	-0.0068
65	100	LDR BIAS	199.99	199.97	-0.0163
66	100	LDR UNBIAS	199.98	199.97	-0.003
67	100	LDR UNBIAS	199.98	199.97	-0.0049
68	100	LDR UNBIAS	199.98	199.97	-0.0086
69	100	LDR UNBIAS	199.99	199.98	-0.01
70	100	LDR UNBIAS	199.98	199.97	-0.005

Test Statistics (kHz)

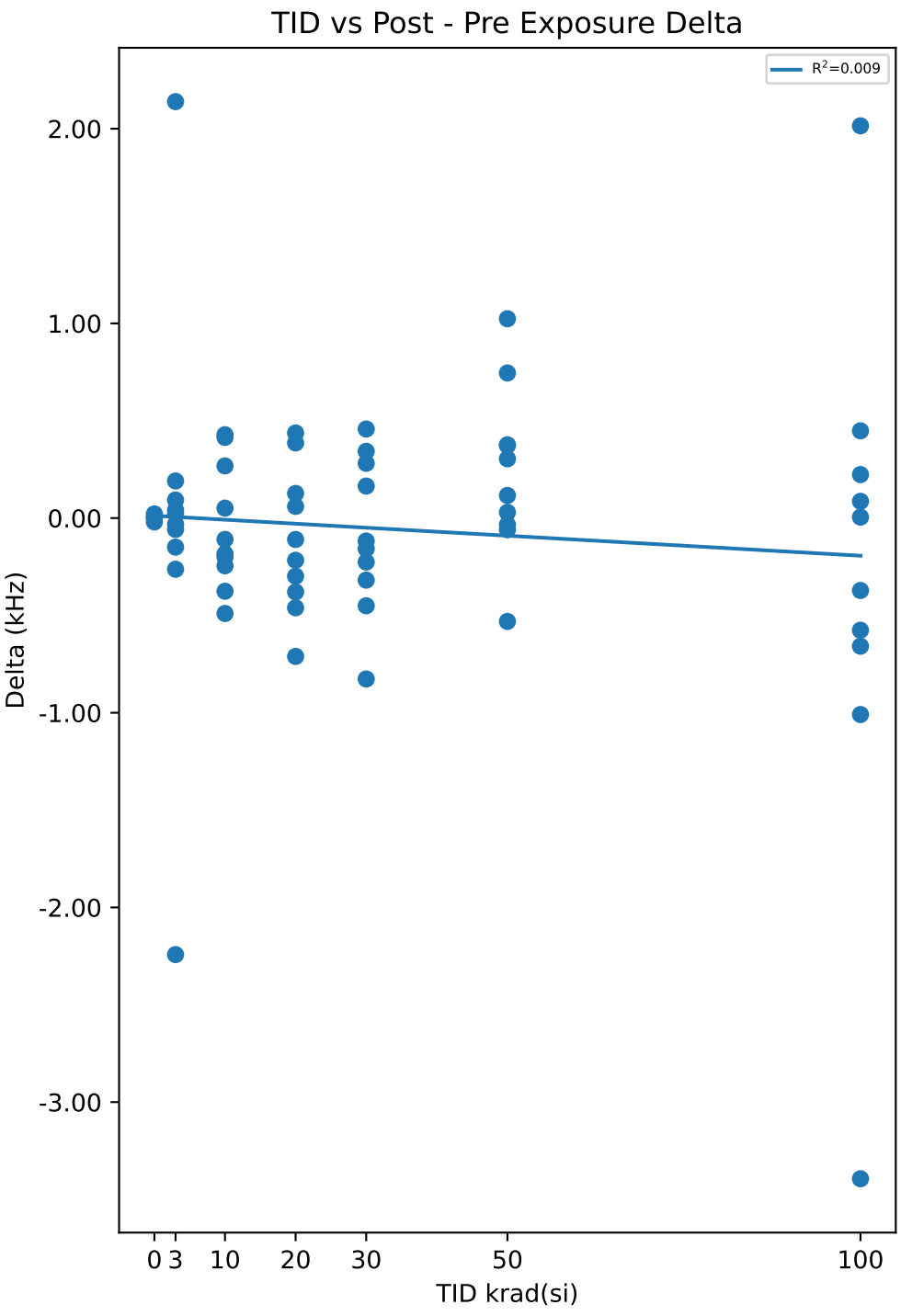
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	199.99	0.0083724	200	200	200	0.0020543	0.0116	0.02185	0.0304	0.0078471
3	199.97	199.98	199.99	0.0074543	199.8	199.96	199.99	0.056591	-0.1809	-0.02147	0.0009	0.056143
10	199.97	199.98	199.99	0.0074543	200	200	200.01	0.0039644	0.0059	0.02143	0.0299	0.0069349
20	199.97	199.98	199.99	0.0074543	199.99	200	200.01	0.0047907	0.0018	0.01942	0.0395	0.010946
30	199.97	199.98	199.99	0.0074543	199.97	200	200.01	0.01	-0.0087	0.01663	0.0337	0.013814
50	199.97	199.98	199.99	0.0074543	199.98	199.98	199.99	0.0038557	-0.0111	0.00105	0.0112	0.0076982
100	199.97	199.98	199.99	0.0074543	199.97	199.97	199.98	0.0032005	-0.0163	-0.00457	0.0081	0.0066755

Device Test: 20.81 LEVEL|FREQ/RT/5/5/0/1000/5/200kHz//@FSW_EXT_RT_B



Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

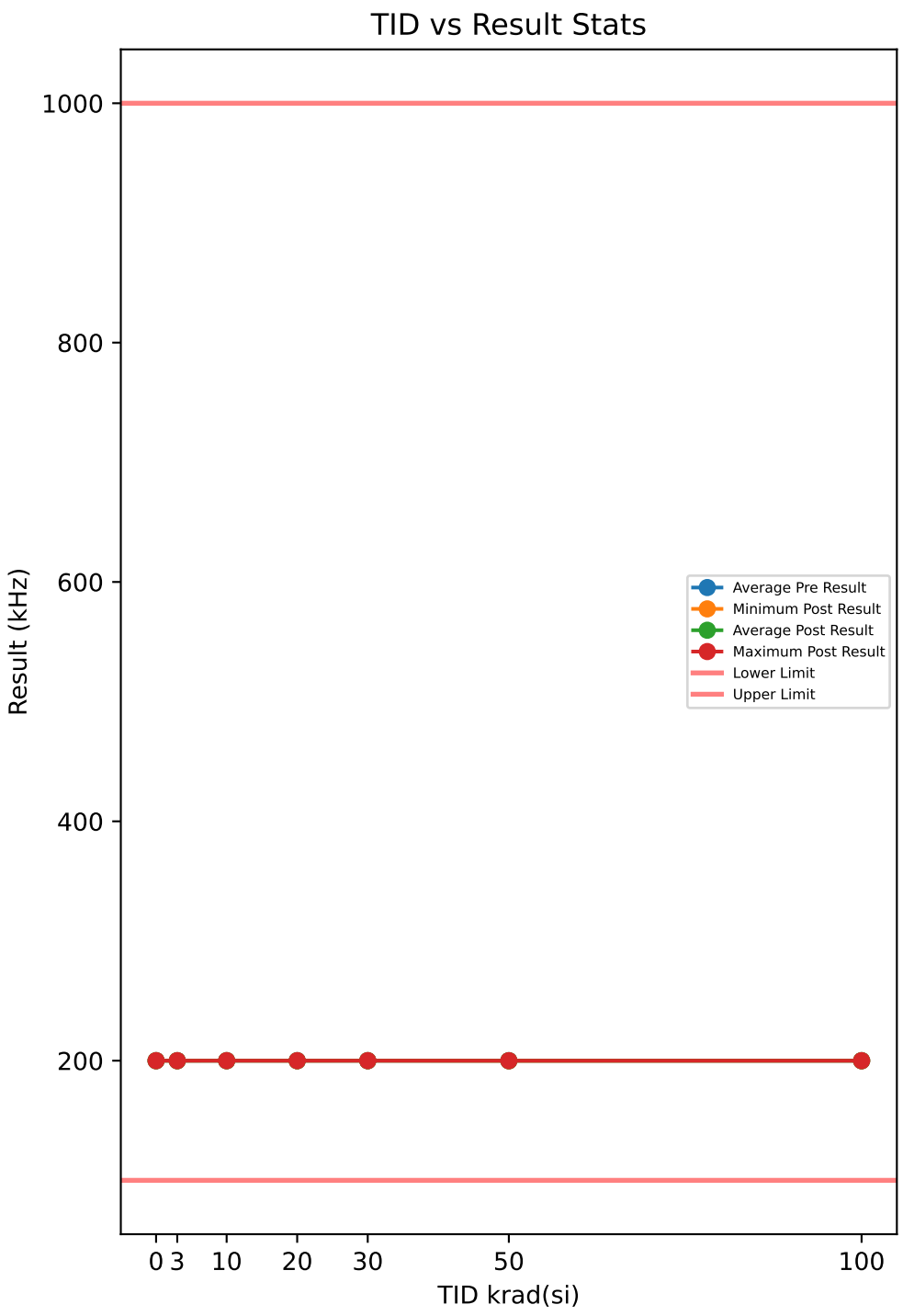
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	194.88	195.07	0.1907
2	3	LDR BIAS	194.9	192.66	-2.2424
3	3	LDR BIAS	192.5	194.64	2.1391
4	3	LDR BIAS	194.8	194.54	-0.2629
5	3	LDR BIAS	194.51	194.6	0.0928
6	3	LDR UNBIAS	193.27	193.31	0.0413
7	3	LDR UNBIAS	195.82	195.67	-0.1493
8	3	LDR UNBIAS	196.83	196.85	0.0231
9	3	LDR UNBIAS	197.36	197.31	-0.0582
10	3	LDR UNBIAS	196.06	196.03	-0.0312
11	0	CORRELATION	191.68	191.66	-0.0199
12	0	CORRELATION	192.39	192.39	0.0012
13	0	CORRELATION	195.3	195.33	0.0213
14	0	CORRELATION	194.38	194.38	0.0031
21	10	LDR BIAS	194.88	195.29	0.4144
22	10	LDR BIAS	194.9	194.96	0.051
23	10	LDR BIAS	192.5	192.93	0.4281
24	10	LDR BIAS	194.8	194.69	-0.1095
25	10	LDR BIAS	194.51	194.33	-0.1836
26	10	LDR UNBIAS	193.27	192.78	-0.4901
27	10	LDR UNBIAS	195.82	195.57	-0.2452
28	10	LDR UNBIAS	196.83	197.1	0.2681
29	10	LDR UNBIAS	197.36	196.99	-0.3759
30	10	LDR UNBIAS	196.06	195.86	-0.2003
31	20	LDR BIAS	194.88	195.32	0.437
32	20	LDR BIAS	194.9	194.79	-0.11
33	20	LDR BIAS	192.5	192.89	0.386
34	20	LDR BIAS	194.8	194.58	-0.2168
35	20	LDR BIAS	194.51	194.05	-0.4608
36	20	LDR UNBIAS	193.27	192.56	-0.7106
37	20	LDR UNBIAS	195.82	195.52	-0.2986
38	20	LDR UNBIAS	196.83	196.89	0.06
39	20	LDR UNBIAS	197.36	196.98	-0.3794
40	20	LDR UNBIAS	196.06	196.18	0.1264
41	30	LDR BIAS	194.88	195.34	0.4574
42	30	LDR BIAS	194.9	194.79	-0.1178
43	30	LDR BIAS	192.5	192.79	0.2814
44	30	LDR BIAS	194.8	193.98	-0.8265
45	30	LDR BIAS	194.51	194.29	-0.2259
46	30	LDR UNBIAS	193.27	192.95	-0.3187
47	30	LDR UNBIAS	195.82	195.37	-0.4505
48	30	LDR UNBIAS	196.83	196.99	0.1644
49	30	LDR UNBIAS	197.36	197.21	-0.1576
50	30	LDR UNBIAS	196.06	196.4	0.343
51	50	LDR BIAS	194.88	195.9	1.0239
52	50	LDR BIAS	194.9	194.87	-0.0339
53	50	LDR BIAS	192.5	192.88	0.3763
54	50	LDR BIAS	194.8	194.83	0.0293
55	50	LDR BIAS	194.51	194.45	-0.0598
56	50	LDR UNBIAS	193.27	193.64	0.3736
57	50	LDR UNBIAS	195.82	195.29	-0.5309
58	50	LDR UNBIAS	196.83	197.13	0.3043
59	50	LDR UNBIAS	197.36	197.48	0.1161
60	50	LDR UNBIAS	196.06	196.8	0.7452
61	100	LDR BIAS	194.88	196.9	2.0148
62	100	LDR BIAS	194.9	194.25	-0.6581
63	100	LDR BIAS	192.5	192.51	0.0049
64	100	LDR BIAS	194.8	193.79	-1.0092
65	100	LDR BIAS	194.51	194.96	0.4481
66	100	LDR UNBIAS	193.27	192.69	-0.576
67	100	LDR UNBIAS	195.82	195.44	-0.3719
68	100	LDR UNBIAS	196.83	197.05	0.2234
69	100	LDR UNBIAS	197.36	197.45	0.086
70	100	LDR UNBIAS	196.06	192.66	-3.3937



Test Statistics (kHz)

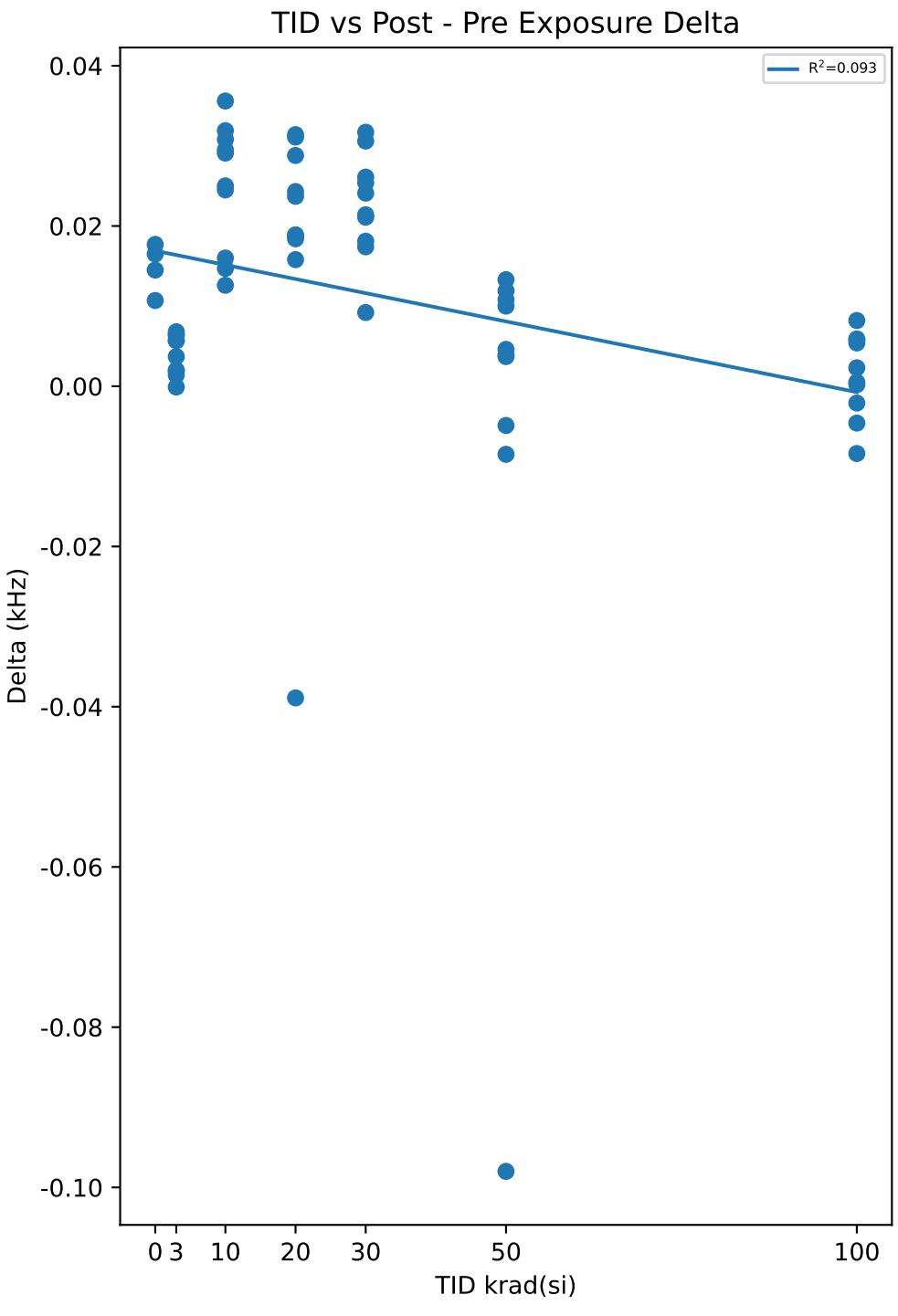
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	191.68	193.44	195.3	1.6873	191.66	193.44	195.33	1.7024	-0.0199	0.001425	0.0213	0.016859
3	192.5	195.09	197.36	1.4964	192.66	195.07	197.31	1.4538	-2.2424	-0.0257	2.1391	1.0403
10	192.5	195.09	197.36	1.4964	192.78	195.05	197.1	1.4616	-0.4901	-0.0443	0.4281	0.32271
20	192.5	195.09	197.36	1.4964	192.56	194.98	196.98	1.5201	-0.7106	-0.11668	0.437	0.37012
30	192.5	195.09	197.36	1.4964	192.79	195.01	197.21	1.5549	-0.8265	-0.08508	0.4574	0.39973
50	192.5	195.09	197.36	1.4964	192.88	195.33	197.48	1.5075	-0.5309	0.23441	1.0239	0.43829
100	192.5	195.09	197.36	1.4964	192.51	194.77	197.45	1.8997	-3.3937	-0.32317	2.0148	1.3627

Device Test: 20.82 LEVEL|FREQ/SYNC/5/5/0/1000/5/200kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

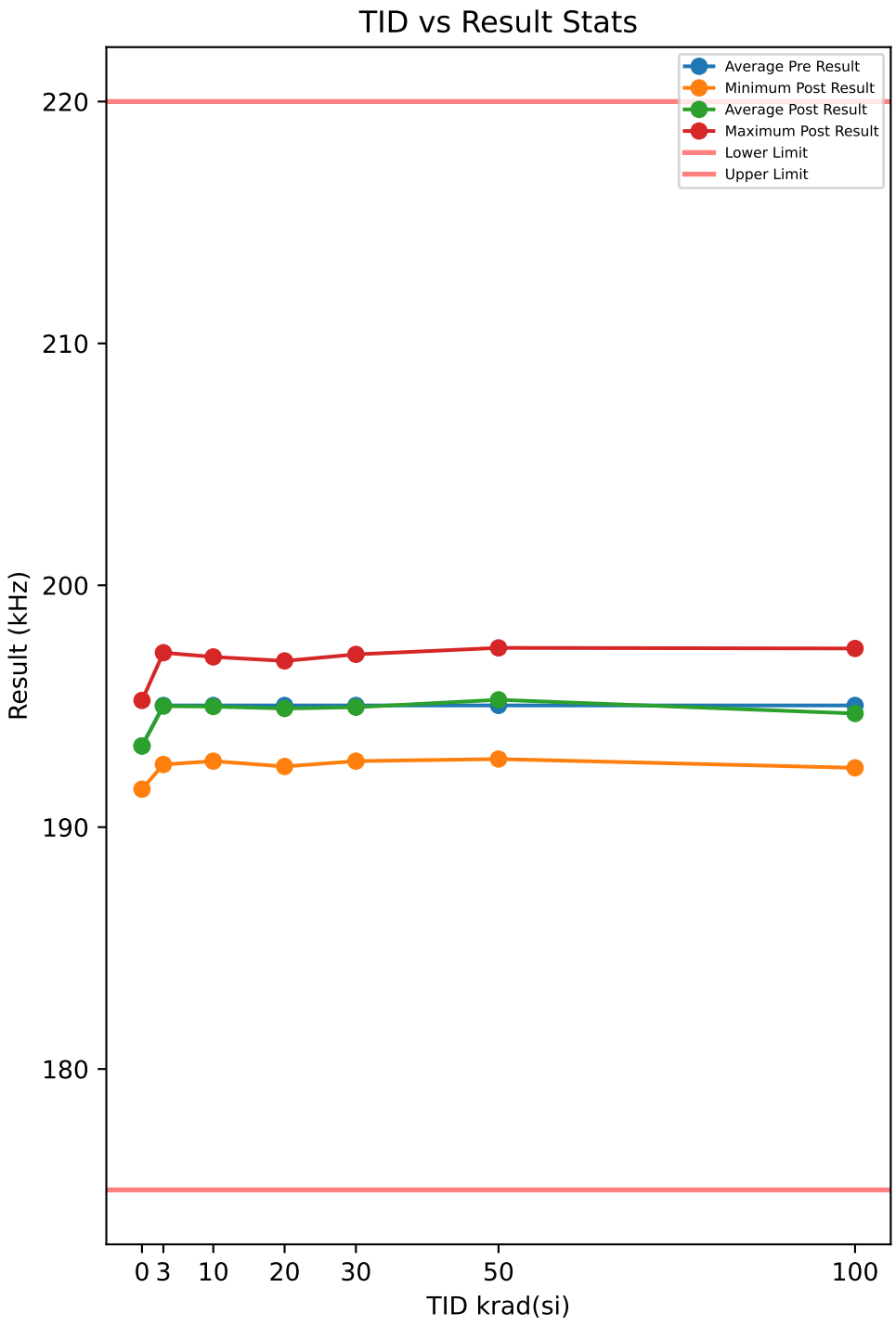
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.98	199.98	0.0019
2	3	LDR BIAS	199.97	199.98	0.0068
3	3	LDR BIAS	199.97	199.97	0.002
4	3	LDR BIAS	199.97	199.98	0.0063
5	3	LDR BIAS	199.98	199.99	0.0057
6	3	LDR UNBIAS	199.97	199.97	0.0014
7	3	LDR UNBIAS	199.97	199.98	0.0037
8	3	LDR UNBIAS	199.97	199.98	0.0065
9	3	LDR UNBIAS	199.98	199.99	0.0057
10	3	LDR UNBIAS	199.97	199.97	-0.0001
11	0	CORRELATION	199.97	199.99	0.0177
12	0	CORRELATION	199.98	200	0.0165
13	0	CORRELATION	199.99	200	0.0107
14	0	CORRELATION	199.98	199.99	0.0145
21	10	LDR BIAS	199.98	200	0.016
22	10	LDR BIAS	199.97	200	0.0245
23	10	LDR BIAS	199.97	200	0.0356
24	10	LDR BIAS	199.97	200.01	0.0308
25	10	LDR BIAS	199.98	200	0.0147
26	10	LDR UNBIAS	199.97	200	0.0291
27	10	LDR UNBIAS	199.97	200	0.025
28	10	LDR UNBIAS	199.97	200	0.0295
29	10	LDR UNBIAS	199.98	200	0.0126
30	10	LDR UNBIAS	199.97	200	0.0319
31	20	LDR BIAS	199.98	200	0.0184
32	20	LDR BIAS	199.97	199.93	-0.0389
33	20	LDR BIAS	199.97	200	0.0314
34	20	LDR BIAS	199.97	199.99	0.0189
35	20	LDR BIAS	199.98	200	0.0187
36	20	LDR UNBIAS	199.97	200	0.0237
37	20	LDR UNBIAS	199.97	200	0.0243
38	20	LDR UNBIAS	199.97	200	0.0288
39	20	LDR UNBIAS	199.98	200	0.0158
40	20	LDR UNBIAS	199.97	200	0.0311
41	30	LDR BIAS	199.98	200	0.0181
42	30	LDR BIAS	199.97	200	0.0254
43	30	LDR BIAS	199.97	200	0.0306
44	30	LDR BIAS	199.97	200	0.0211
45	30	LDR BIAS	199.98	200	0.0174
46	30	LDR UNBIAS	199.97	200	0.0261
47	30	LDR UNBIAS	199.97	200	0.0241
48	30	LDR UNBIAS	199.97	199.99	0.0214
49	30	LDR UNBIAS	199.98	199.99	0.0092
50	30	LDR UNBIAS	199.97	200	0.0317
51	50	LDR BIAS	199.98	199.98	-0.0049
52	50	LDR BIAS	199.97	199.98	0.0037
53	50	LDR BIAS	199.97	199.98	0.01
54	50	LDR BIAS	199.97	199.99	0.0119
55	50	LDR BIAS	199.98	199.88	-0.098
56	50	LDR UNBIAS	199.97	199.98	0.0046
57	50	LDR UNBIAS	199.97	199.98	0.0039
58	50	LDR UNBIAS	199.97	199.99	0.0133
59	50	LDR UNBIAS	199.98	199.98	-0.0085
60	50	LDR UNBIAS	199.97	199.98	0.0108
61	100	LDR BIAS	199.98	199.98	-0.0021
62	100	LDR BIAS	199.97	199.98	0.0082
63	100	LDR BIAS	199.97	199.97	0.0058
64	100	LDR BIAS	199.97	199.98	0.0059
65	100	LDR BIAS	199.98	199.97	-0.0084
66	100	LDR UNBIAS	199.97	199.97	0.0023
67	100	LDR UNBIAS	199.97	199.98	0.0054
68	100	LDR UNBIAS	199.97	199.97	0.0005
69	100	LDR UNBIAS	199.98	199.98	-0.0046
70	100	LDR UNBIAS	199.97	199.97	0.0002



Test Statistics (kHz)

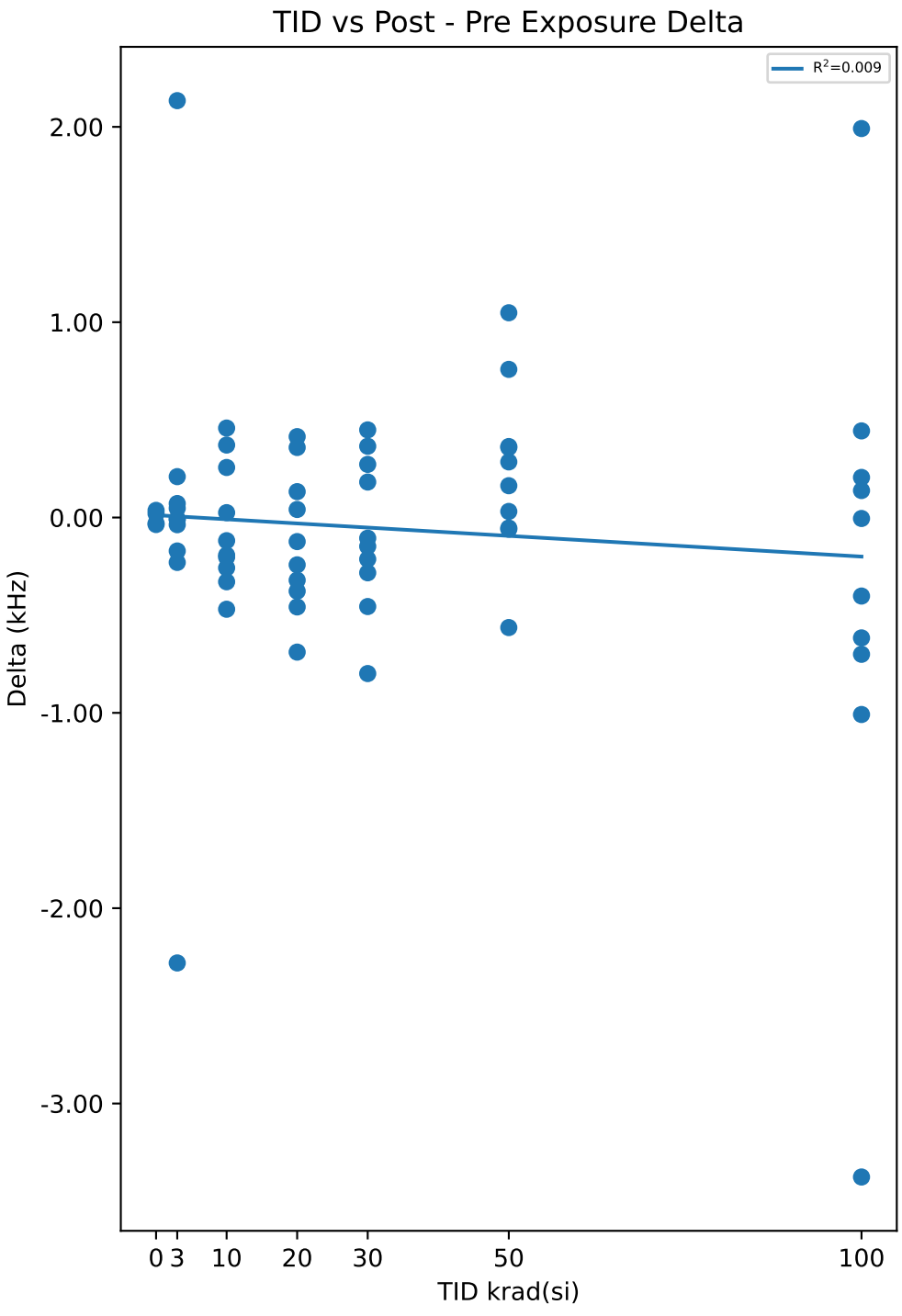
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	199.99	0.0081135	199.99	200	200	0.0052366	0.0107	0.01485	0.0177	0.0030654
3	199.97	199.98	199.98	0.0057509	199.97	199.98	199.99	0.0069464	-0.0001	0.00399	0.0068	0.0025217
10	199.97	199.98	199.98	0.0057509	200	200	200.01	0.0032064	0.0126	0.02497	0.0356	0.0079705
20	199.97	199.98	199.98	0.0057509	199.93	199.99	200	0.020828	-0.0389	0.01722	0.0314	0.020488
30	199.97	199.98	199.98	0.0057509	199.99	200	200	0.0029334	0.0092	0.02251	0.0317	0.0066634
50	199.97	199.98	199.98	0.0057509	199.88	199.97	199.99	0.030485	-0.098	-0.00532	0.0133	0.033337
100	199.97	199.98	199.98	0.0057509	199.97	199.98	199.98	0.00364	-0.0084	0.00132	0.0082	0.0052613

Device Test: 20.83 LEVEL|FREQ/RT/12/12/0/1000/5/200kHz//@FSW_EXT_RT_B



Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

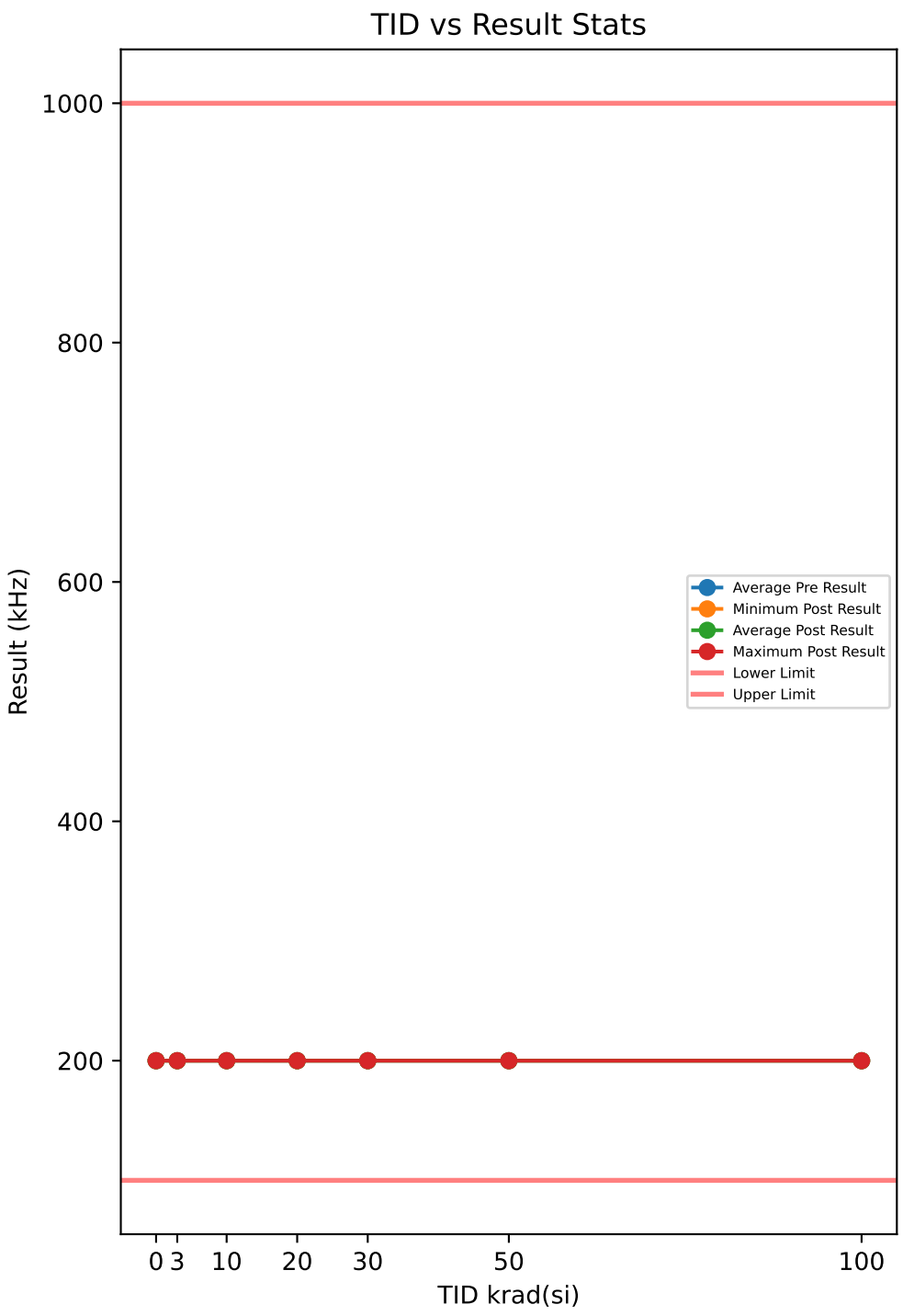
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	194.81	195.01	0.2093
2	3	LDR BIAS	194.87	192.59	-2.2804
3	3	LDR BIAS	192.46	194.59	2.1342
4	3	LDR BIAS	194.74	194.51	-0.2299
5	3	LDR BIAS	194.45	194.5	0.0475
6	3	LDR UNBIAS	193.2	193.27	0.0716
7	3	LDR UNBIAS	195.77	195.6	-0.1713
8	3	LDR UNBIAS	196.78	196.77	-0.0087
9	3	LDR UNBIAS	197.25	197.21	-0.0367
10	3	LDR UNBIAS	195.98	195.98	-0.0079
11	0	CORRELATION	191.6	191.57	-0.0295
12	0	CORRELATION	192.33	192.3	-0.0358
13	0	CORRELATION	195.22	195.24	0.0196
14	0	CORRELATION	194.28	194.32	0.0366
21	10	LDR BIAS	194.81	195.26	0.458
22	10	LDR BIAS	194.87	194.9	0.0249
23	10	LDR BIAS	192.46	192.83	0.3711
24	10	LDR BIAS	194.74	194.63	-0.1186
25	10	LDR BIAS	194.45	194.26	-0.1925
26	10	LDR UNBIAS	193.2	192.73	-0.4695
27	10	LDR UNBIAS	195.77	195.51	-0.2577
28	10	LDR UNBIAS	196.78	197.04	0.2562
29	10	LDR UNBIAS	197.25	196.92	-0.3289
30	10	LDR UNBIAS	195.98	195.78	-0.2029
31	20	LDR BIAS	194.81	195.22	0.4142
32	20	LDR BIAS	194.87	194.75	-0.1232
33	20	LDR BIAS	192.46	192.82	0.3586
34	20	LDR BIAS	194.74	194.5	-0.2422
35	20	LDR BIAS	194.45	193.99	-0.4577
36	20	LDR UNBIAS	193.2	192.51	-0.689
37	20	LDR UNBIAS	195.77	195.45	-0.3208
38	20	LDR UNBIAS	196.78	196.82	0.0412
39	20	LDR UNBIAS	197.25	196.87	-0.3768
40	20	LDR UNBIAS	195.98	196.12	0.1325
41	30	LDR BIAS	194.81	195.25	0.4486
42	30	LDR BIAS	194.87	194.72	-0.1477
43	30	LDR BIAS	192.46	192.73	0.2721
44	30	LDR BIAS	194.74	193.95	-0.7988
45	30	LDR BIAS	194.45	194.24	-0.2131
46	30	LDR UNBIAS	193.2	192.91	-0.2829
47	30	LDR UNBIAS	195.77	195.32	-0.4557
48	30	LDR UNBIAS	196.78	196.96	0.1817
49	30	LDR UNBIAS	197.25	197.14	-0.1057
50	30	LDR UNBIAS	195.98	196.35	0.3649
51	50	LDR BIAS	194.81	195.85	1.0483
52	50	LDR BIAS	194.87	194.82	-0.0537
53	50	LDR BIAS	192.46	192.82	0.3587
54	50	LDR BIAS	194.74	194.78	0.0311
55	50	LDR BIAS	194.45	194.39	-0.0595
56	50	LDR UNBIAS	193.2	193.56	0.3634
57	50	LDR UNBIAS	195.77	195.21	-0.5633
58	50	LDR UNBIAS	196.78	197.07	0.2848
59	50	LDR UNBIAS	197.25	197.41	0.1629
60	50	LDR UNBIAS	195.98	196.74	0.7585
61	100	LDR BIAS	194.81	196.8	1.9914
62	100	LDR BIAS	194.87	194.17	-0.7002
63	100	LDR BIAS	192.46	192.45	-0.0049
64	100	LDR BIAS	194.74	193.74	-1.0084
65	100	LDR BIAS	194.45	194.9	0.4435
66	100	LDR UNBIAS	193.2	192.58	-0.6163
67	100	LDR UNBIAS	195.77	195.37	-0.402
68	100	LDR UNBIAS	196.78	196.99	0.2053
69	100	LDR UNBIAS	197.25	197.39	0.1382
70	100	LDR UNBIAS	195.98	192.61	-3.3762



Test Statistics (kHz)

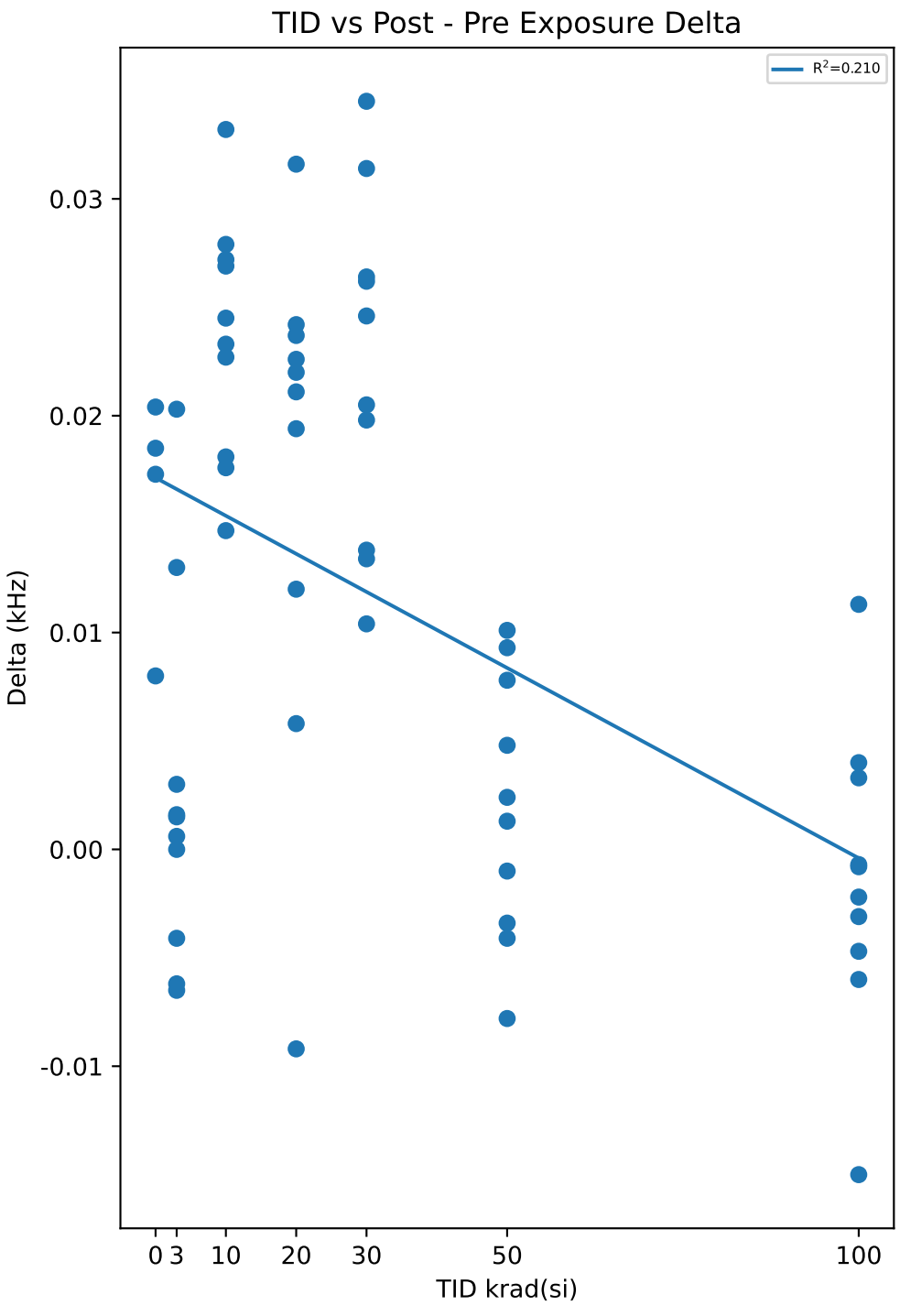
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	191.6	193.36	195.22	1.6789	191.57	193.36	195.24	1.7105	-0.0358	-0.002275	0.0366	0.035846
3	192.46	195.03	197.25	1.488	192.59	195	197.21	1.4455	-2.2804	-0.02723	2.1342	1.0479
10	192.46	195.03	197.25	1.488	192.73	194.99	197.04	1.4668	-0.4695	-0.04599	0.458	0.31268
20	192.46	195.03	197.25	1.488	192.51	194.91	196.87	1.5107	-0.689	-0.12632	0.4142	0.35944
30	192.46	195.03	197.25	1.488	192.73	194.96	197.14	1.5524	-0.7988	-0.07366	0.4486	0.39319
50	192.46	195.03	197.25	1.488	192.82	195.26	197.41	1.509	-0.5633	0.23312	1.0483	0.45017
100	192.46	195.03	197.25	1.488	192.45	194.7	197.39	1.8991	-3.3762	-0.33296	1.9914	1.3566

Device Test: 20.84 LEVEL|FREQ/SYNC/12/12/0/1000/5/200kHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

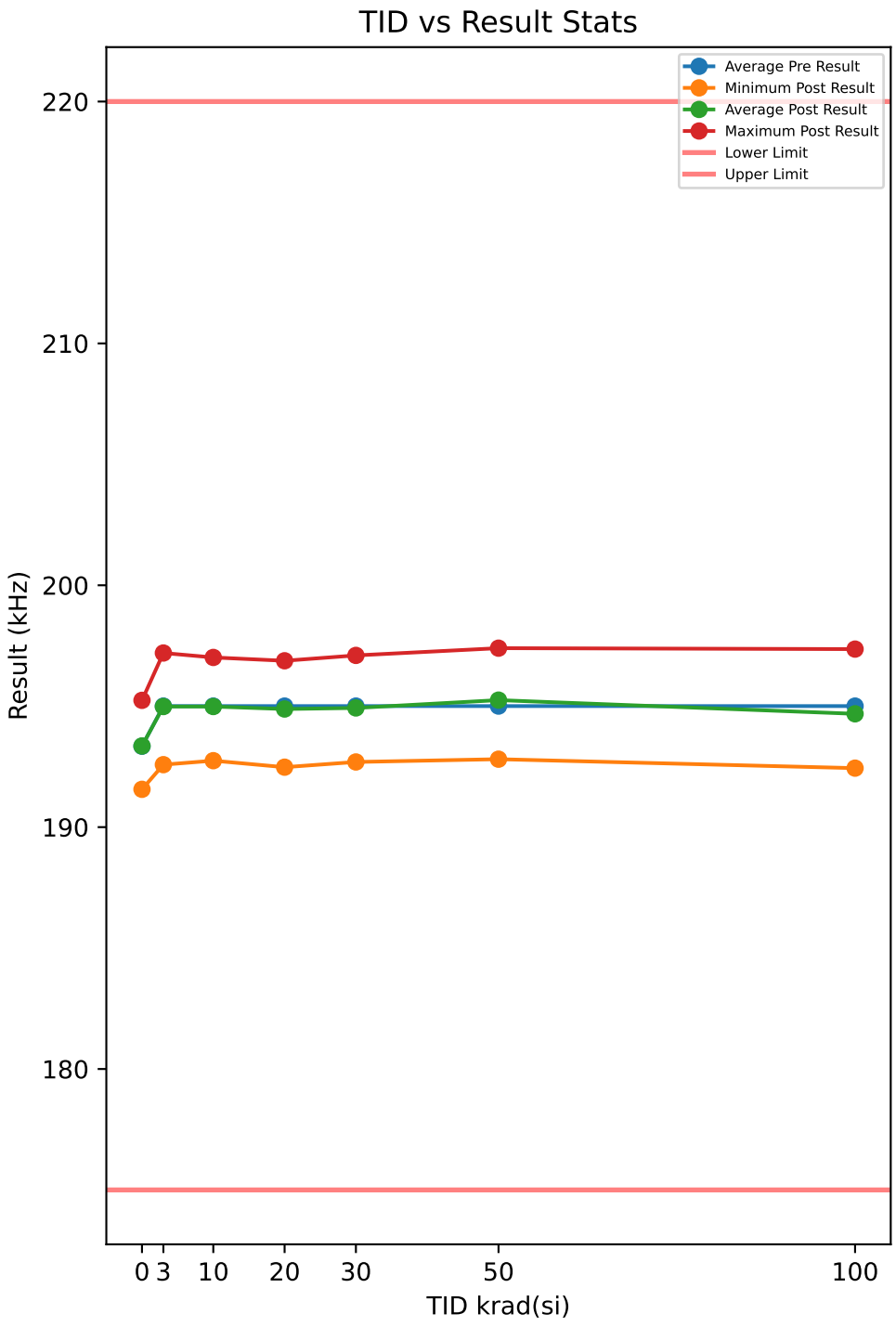
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.99	200	0.013
2	3	LDR BIAS	199.98	199.97	-0.0065
3	3	LDR BIAS	199.98	199.97	-0.0041
4	3	LDR BIAS	199.97	199.97	0.0006
5	3	LDR BIAS	199.98	200	0.0203
6	3	LDR UNBIAS	199.98	199.98	0.003
7	3	LDR UNBIAS	199.97	199.97	0.0015
8	3	LDR UNBIAS	199.98	199.97	-0.0062
9	3	LDR UNBIAS	199.98	199.98	0.0016
10	3	LDR UNBIAS	199.97	199.97	0
11	0	CORRELATION	199.97	199.99	0.0204
12	0	CORRELATION	199.98	200	0.0185
13	0	CORRELATION	199.99	200	0.008
14	0	CORRELATION	199.98	200	0.0173
21	10	LDR BIAS	199.99	200	0.0147
22	10	LDR BIAS	199.98	200.01	0.0269
23	10	LDR BIAS	199.98	200	0.0245
24	10	LDR BIAS	199.97	200	0.0272
25	10	LDR BIAS	199.98	200	0.0181
26	10	LDR UNBIAS	199.98	199.99	0.0176
27	10	LDR UNBIAS	199.97	200	0.0332
28	10	LDR UNBIAS	199.98	200	0.0227
29	10	LDR UNBIAS	199.98	200	0.0233
30	10	LDR UNBIAS	199.97	200	0.0279
31	20	LDR BIAS	199.99	199.99	0.0058
32	20	LDR BIAS	199.98	200	0.0226
33	20	LDR BIAS	199.98	199.97	-0.0092
34	20	LDR BIAS	199.97	200	0.022
35	20	LDR BIAS	199.98	199.99	0.012
36	20	LDR UNBIAS	199.98	200	0.0242
37	20	LDR UNBIAS	199.97	200	0.0316
38	20	LDR UNBIAS	199.98	200	0.0211
39	20	LDR UNBIAS	199.98	200	0.0194
40	20	LDR UNBIAS	199.97	200	0.0237
41	30	LDR BIAS	199.99	200	0.0104
42	30	LDR BIAS	199.98	200	0.0246
43	30	LDR BIAS	199.98	200	0.0262
44	30	LDR BIAS	199.97	200	0.0264
45	30	LDR BIAS	199.98	199.99	0.0134
46	30	LDR UNBIAS	199.98	200	0.0205
47	30	LDR UNBIAS	199.97	200	0.0345
48	30	LDR UNBIAS	199.98	199.99	0.0138
49	30	LDR UNBIAS	199.98	200	0.0198
50	30	LDR UNBIAS	199.97	200	0.0314
51	50	LDR BIAS	199.99	199.98	-0.0078
52	50	LDR BIAS	199.98	199.98	-0.0034
53	50	LDR BIAS	199.98	199.98	-0.001
54	50	LDR BIAS	199.97	199.98	0.0078
55	50	LDR BIAS	199.98	199.98	-0.0041
56	50	LDR UNBIAS	199.98	199.98	0.0048
57	50	LDR UNBIAS	199.97	199.98	0.0093
58	50	LDR UNBIAS	199.98	199.98	0.0013
59	50	LDR UNBIAS	199.98	199.98	0.0024
60	50	LDR UNBIAS	199.97	199.98	0.0101
61	100	LDR BIAS	199.99	199.97	-0.015
62	100	LDR BIAS	199.98	199.98	-0.0022
63	100	LDR BIAS	199.98	199.97	-0.0031
64	100	LDR BIAS	199.97	199.98	0.004
65	100	LDR BIAS	199.98	199.97	-0.006
66	100	LDR UNBIAS	199.98	199.97	-0.0047
67	100	LDR UNBIAS	199.97	199.98	0.0113
68	100	LDR UNBIAS	199.98	199.98	-0.0007
69	100	LDR UNBIAS	199.98	199.98	-0.0008
70	100	LDR UNBIAS	199.97	199.98	0.0033

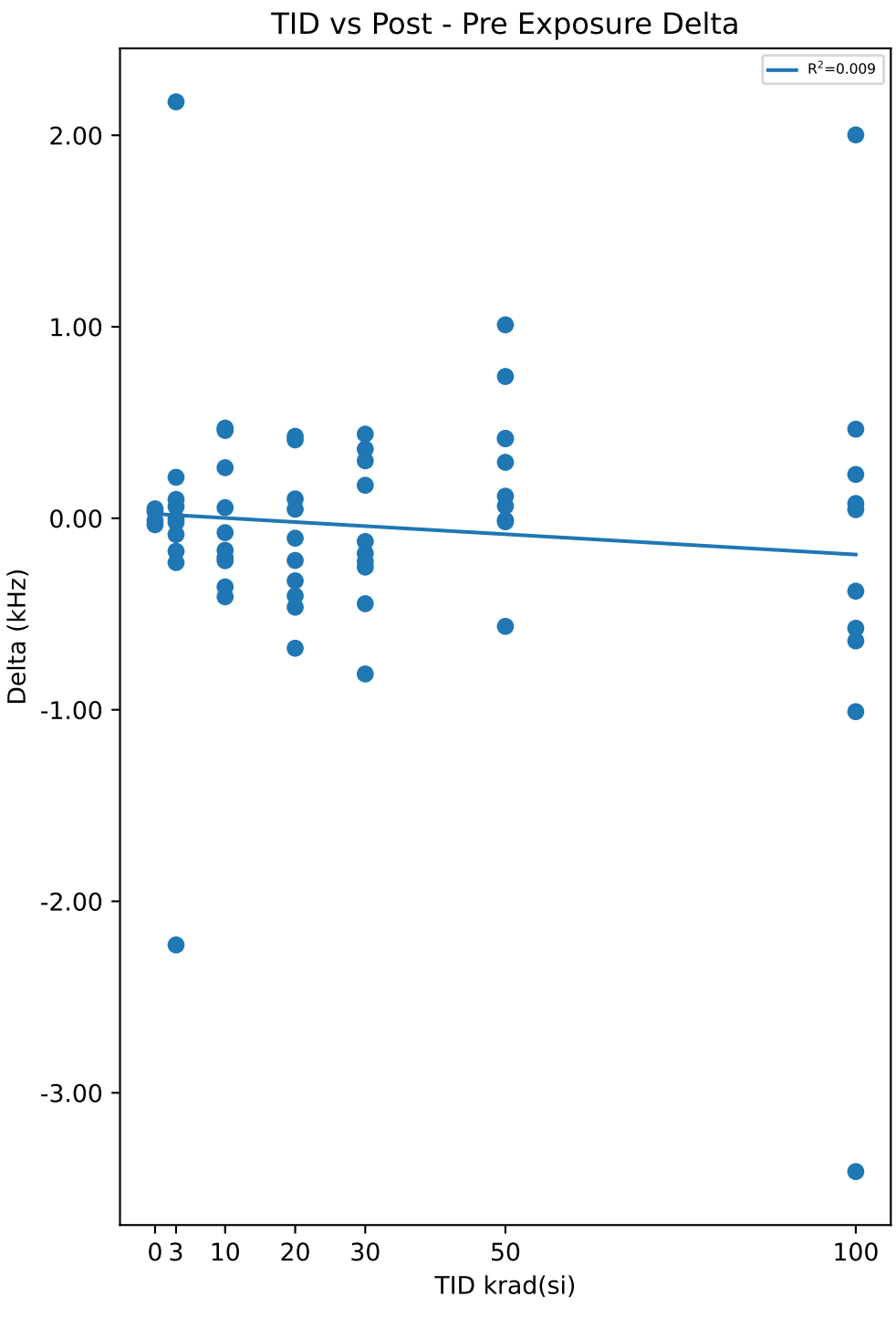


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	199.99	0.0089131	199.99	200	200	0.0037322	0.008	0.01605	0.0204	0.0055163
3	199.97	199.98	199.99	0.0055645	199.97	199.98	200	0.011638	-0.0065	0.00232	0.0203	0.0084257
10	199.97	199.98	199.99	0.0055645	199.99	200	200.01	0.0031826	0.0147	0.02361	0.0332	0.0055943
20	199.97	199.98	199.99	0.0055645	199.97	199.99	200	0.010161	-0.0092	0.01732	0.0316	0.011665
30	199.97	199.98	199.99	0.0055645	199.99	200	200	0.0037774	0.0104	0.0221	0.0345	0.007966
50	199.97	199.98	199.99	0.0055645	199.98	199.98	199.98	0.0029553	-0.0078	0.00194	0.0101	0.0060773
100	199.97	199.98	199.99	0.0055645	199.97	199.98	199.98	0.0027325	-0.015	-0.00139	0.0113	0.0069437

Device Test: 20.85 LEVEL|FREQ/RT/14/14/0/1000/5/200kHz//@FSW_EXT_RT_B





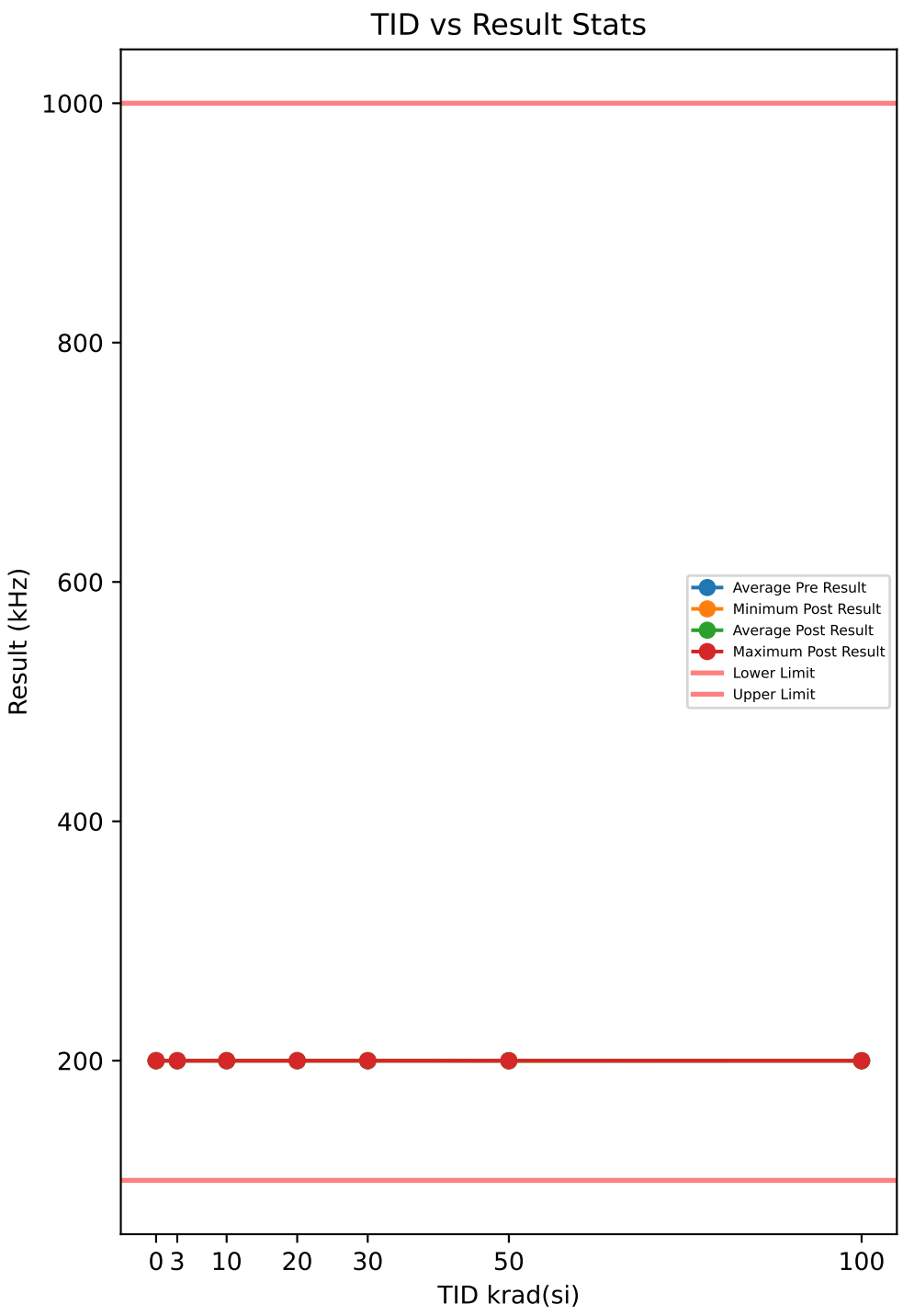
Test Results (Lower Limit = 175.0, Upper Limit = 220.0 (kHz))

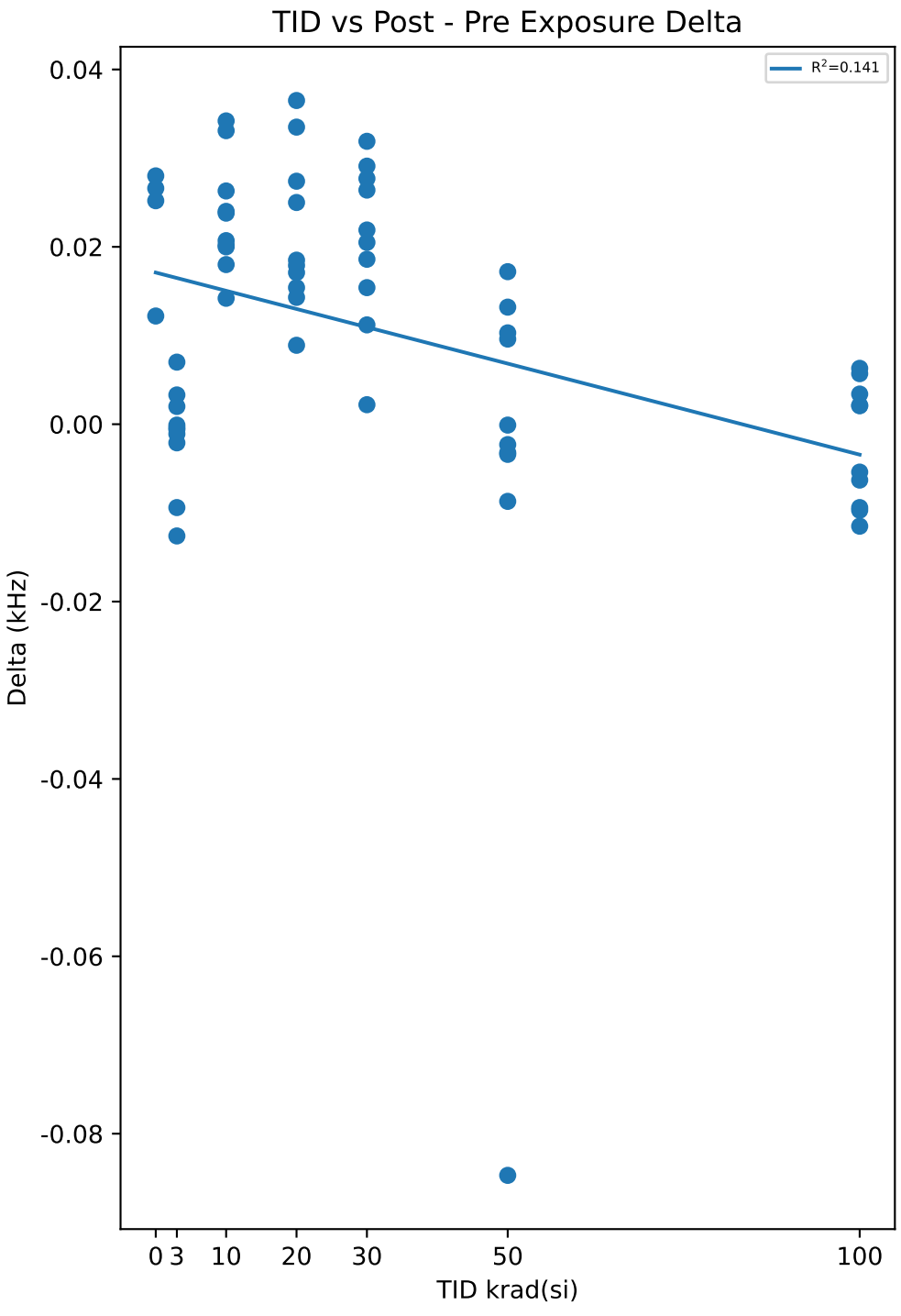
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	194.79	195	0.214
2	3	LDR BIAS	194.81	192.58	-2.2279
3	3	LDR BIAS	192.39	194.57	2.1745
4	3	LDR BIAS	194.72	194.49	-0.2313
5	3	LDR BIAS	194.42	194.48	0.0611
6	3	LDR UNBIAS	193.16	193.26	0.0985
7	3	LDR UNBIAS	195.74	195.57	-0.1722
8	3	LDR UNBIAS	196.75	196.75	-0.0023
9	3	LDR UNBIAS	197.28	197.2	-0.0846
10	3	LDR UNBIAS	195.98	195.96	-0.0212
11	0	CORRELATION	191.58	191.56	-0.0123
12	0	CORRELATION	192.33	192.3	-0.0337
13	0	CORRELATION	195.19	195.24	0.0494
14	0	CORRELATION	194.28	194.31	0.0343
21	10	LDR BIAS	194.79	195.26	0.4709
22	10	LDR BIAS	194.81	194.87	0.0556
23	10	LDR BIAS	192.39	192.85	0.4586
24	10	LDR BIAS	194.72	194.65	-0.075
25	10	LDR BIAS	194.42	194.26	-0.1671
26	10	LDR UNBIAS	193.16	192.75	-0.4099
27	10	LDR UNBIAS	195.74	195.52	-0.2216
28	10	LDR UNBIAS	196.75	197.02	0.2642
29	10	LDR UNBIAS	197.28	196.93	-0.3584
30	10	LDR UNBIAS	195.98	195.77	-0.2044
31	20	LDR BIAS	194.79	195.22	0.4281
32	20	LDR BIAS	194.81	194.71	-0.104
33	20	LDR BIAS	192.39	192.8	0.4093
34	20	LDR BIAS	194.72	194.5	-0.2201
35	20	LDR BIAS	194.42	193.96	-0.4642
36	20	LDR UNBIAS	193.16	192.48	-0.6786
37	20	LDR UNBIAS	195.74	195.42	-0.3264
38	20	LDR UNBIAS	196.75	196.8	0.0473
39	20	LDR UNBIAS	197.28	196.88	-0.4052
40	20	LDR UNBIAS	195.98	196.08	0.1011
41	30	LDR BIAS	194.79	195.23	0.4395
42	30	LDR BIAS	194.81	194.69	-0.1212
43	30	LDR BIAS	192.39	192.69	0.3001
44	30	LDR BIAS	194.72	193.91	-0.813
45	30	LDR BIAS	194.42	194.2	-0.2263
46	30	LDR UNBIAS	193.16	192.9	-0.2548
47	30	LDR UNBIAS	195.74	195.3	-0.446
48	30	LDR UNBIAS	196.75	196.92	0.1723
49	30	LDR UNBIAS	197.28	197.1	-0.1835
50	30	LDR UNBIAS	195.98	196.34	0.3614
51	50	LDR BIAS	194.79	195.8	1.0102
52	50	LDR BIAS	194.81	194.8	-0.0098
53	50	LDR BIAS	192.39	192.81	0.4155
54	50	LDR BIAS	194.72	194.79	0.064
55	50	LDR BIAS	194.42	194.41	-0.0183
56	50	LDR UNBIAS	193.16	193.57	0.4175
57	50	LDR UNBIAS	195.74	195.18	-0.5644
58	50	LDR UNBIAS	196.75	197.04	0.2921
59	50	LDR UNBIAS	197.28	197.4	0.1155
60	50	LDR UNBIAS	195.98	196.72	0.7404
61	100	LDR BIAS	194.79	196.79	2.002
62	100	LDR BIAS	194.81	194.17	-0.6403
63	100	LDR BIAS	192.39	192.44	0.045
64	100	LDR BIAS	194.72	193.71	-1.0099
65	100	LDR BIAS	194.42	194.89	0.4653
66	100	LDR UNBIAS	193.16	192.58	-0.5742
67	100	LDR UNBIAS	195.74	195.36	-0.3806
68	100	LDR UNBIAS	196.75	196.98	0.2288
69	100	LDR UNBIAS	197.28	197.36	0.0772
70	100	LDR UNBIAS	195.98	192.57	-3.4113

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	191.58	193.35	195.19	1.6771	191.56	193.36	195.24	1.7128	-0.0337	0.009425	0.0494	0.038938
3	192.39	195.01	197.28	1.508	192.58	194.99	197.2	1.4425	-2.2279	-0.01914	2.1745	1.0455
10	192.39	195.01	197.28	1.508	192.75	194.99	197.02	1.4562	-0.4099	-0.01871	0.4709	0.32013
20	192.39	195.01	197.28	1.508	192.48	194.88	196.88	1.5133	-0.6786	-0.12127	0.4281	0.3685
30	192.39	195.01	197.28	1.508	192.69	194.93	197.1	1.5506	-0.813	-0.07715	0.4395	0.39558
50	192.39	195.01	197.28	1.508	192.81	195.25	197.4	1.4976	-0.5644	0.24627	1.0102	0.43854
100	192.39	195.01	197.28	1.508	192.44	194.69	197.36	1.9011	-3.4113	-0.3198	2.002	1.3664

Device Test: 20.86 LEVEL|FREQ/SYNC/14/14/0/1000/5/200kHz//@FREQ_SYNC_EXT





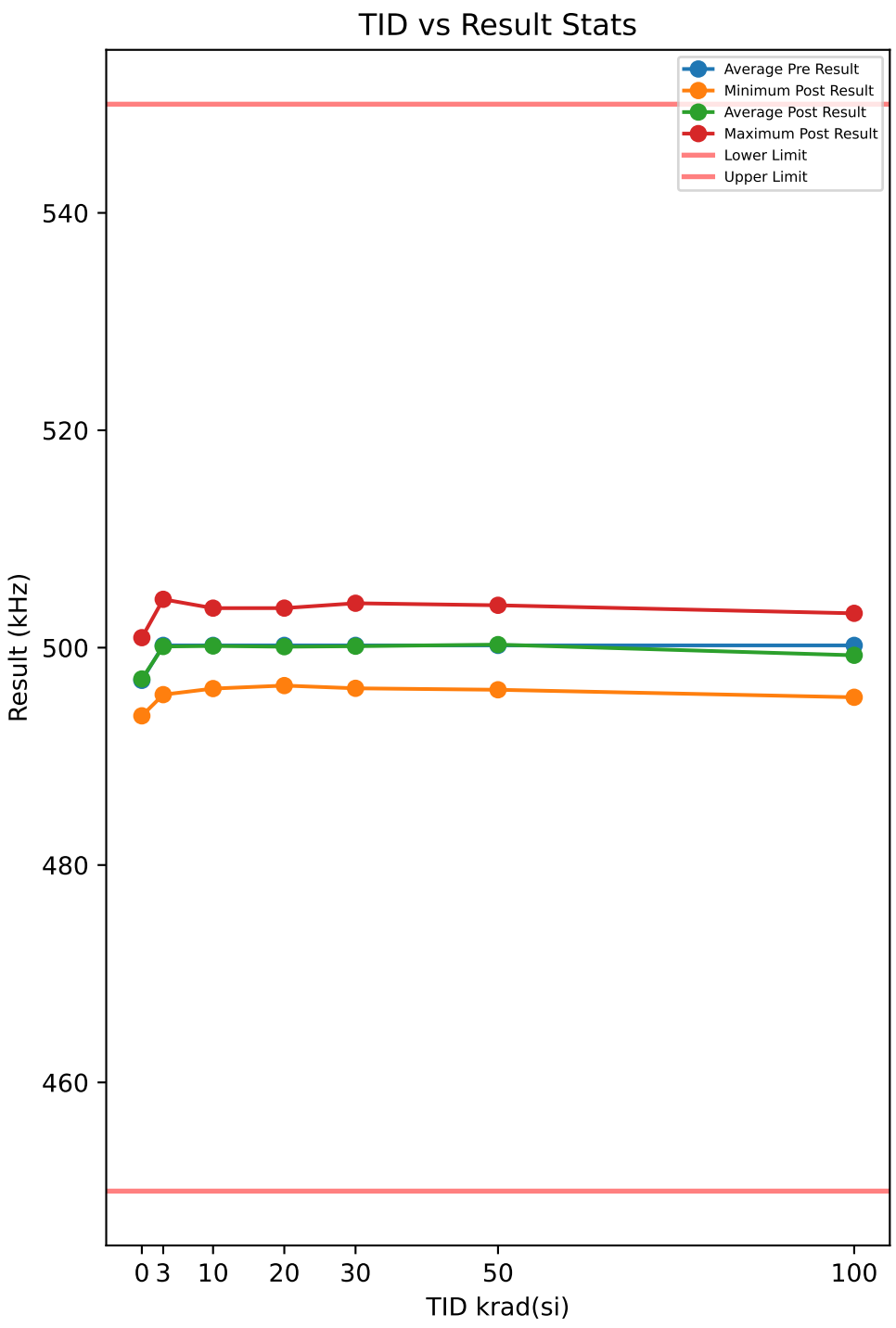
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

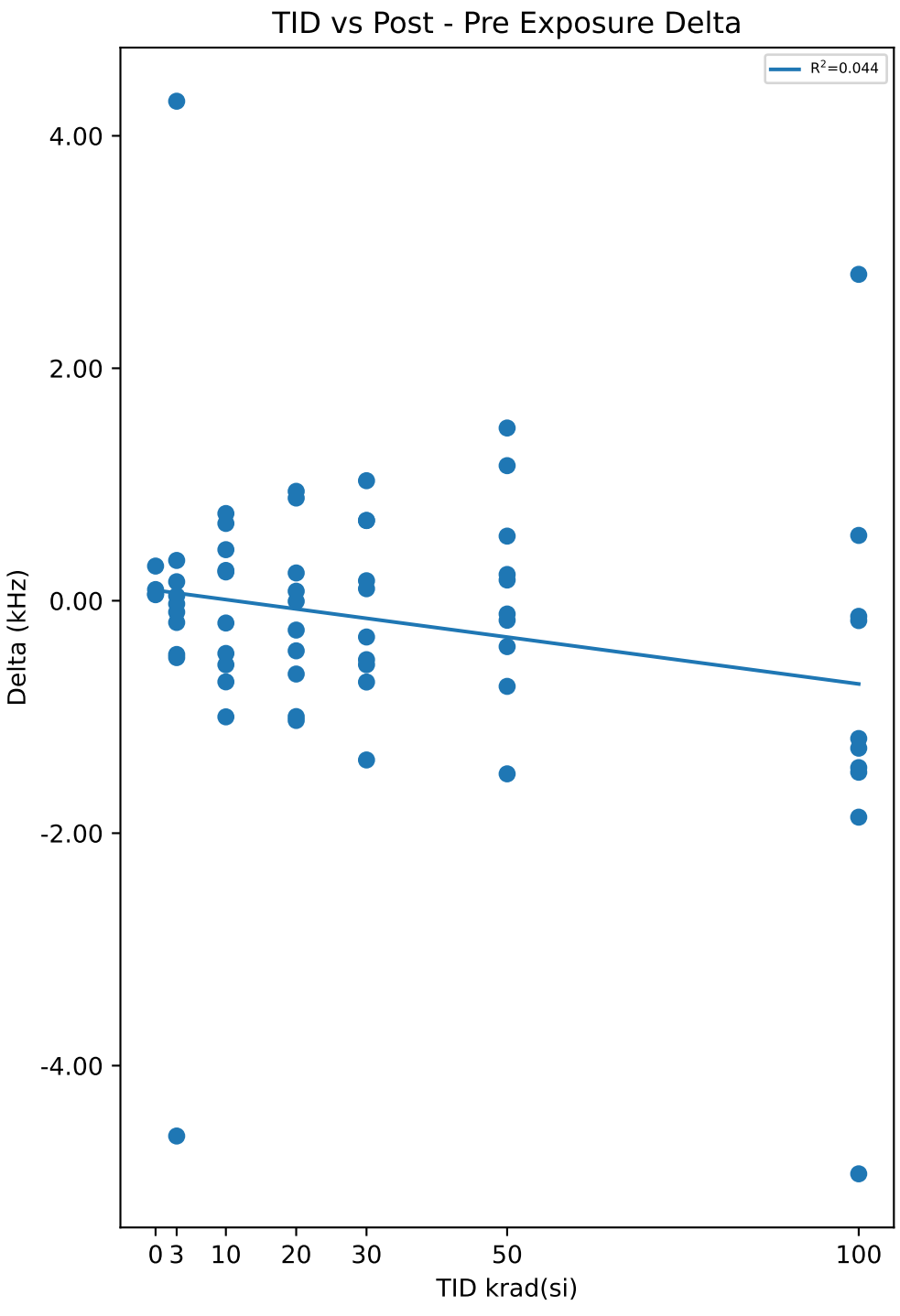
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	199.98	199.98	-0.0006
2	3	LDR BIAS	199.98	199.98	-0.0001
3	3	LDR BIAS	199.97	199.97	0.002
4	3	LDR BIAS	199.97	199.98	0.007
5	3	LDR BIAS	199.99	199.98	-0.0126
6	3	LDR UNBIAS	199.98	199.97	-0.0094
7	3	LDR UNBIAS	199.97	199.97	-0.0021
8	3	LDR UNBIAS	199.98	199.98	-0.0004
9	3	LDR UNBIAS	199.98	199.98	0.0033
10	3	LDR UNBIAS	199.97	199.97	-0.0011
11	0	CORRELATION	199.97	200	0.0252
12	0	CORRELATION	199.97	200	0.028
13	0	CORRELATION	199.98	200	0.0122
14	0	CORRELATION	199.97	200	0.0266
21	10	LDR BIAS	199.98	200	0.02
22	10	LDR BIAS	199.98	200	0.018
23	10	LDR BIAS	199.97	200	0.0342
24	10	LDR BIAS	199.97	200	0.0238
25	10	LDR BIAS	199.99	200	0.0142
26	10	LDR UNBIAS	199.98	200	0.0202
27	10	LDR UNBIAS	199.97	200	0.0331
28	10	LDR UNBIAS	199.98	200	0.0207
29	10	LDR UNBIAS	199.98	200	0.0263
30	10	LDR UNBIAS	199.97	200	0.024
31	20	LDR BIAS	199.98	200	0.0171
32	20	LDR BIAS	199.98	200	0.0185
33	20	LDR BIAS	199.97	200	0.0365
34	20	LDR BIAS	199.97	200	0.0274
35	20	LDR BIAS	199.99	200	0.0089
36	20	LDR UNBIAS	199.98	200	0.0143
37	20	LDR UNBIAS	199.97	200	0.0335
38	20	LDR UNBIAS	199.98	200	0.0154
39	20	LDR UNBIAS	199.98	199.99	0.0179
40	20	LDR UNBIAS	199.97	200	0.025
41	30	LDR BIAS	199.98	199.99	0.0112
42	30	LDR BIAS	199.98	200	0.0205
43	30	LDR BIAS	199.97	200	0.0291
44	30	LDR BIAS	199.97	200	0.0277
45	30	LDR BIAS	199.99	199.99	0.0022
46	30	LDR UNBIAS	199.98	200	0.0219
47	30	LDR UNBIAS	199.97	200	0.0319
48	30	LDR UNBIAS	199.98	200	0.0154
49	30	LDR UNBIAS	199.98	199.99	0.0186
50	30	LDR UNBIAS	199.97	200	0.0264
51	50	LDR BIAS	199.98	199.98	-0.0001
52	50	LDR BIAS	199.98	199.98	-0.0023
53	50	LDR BIAS	199.97	199.98	0.0172
54	50	LDR BIAS	199.97	199.99	0.0132
55	50	LDR BIAS	199.99	199.98	-0.0087
56	50	LDR UNBIAS	199.98	199.98	-0.0034
57	50	LDR UNBIAS	199.97	199.88	-0.0847
58	50	LDR UNBIAS	199.98	199.98	-0.0032
59	50	LDR UNBIAS	199.98	199.99	0.0096
60	50	LDR UNBIAS	199.97	199.98	0.0103
61	100	LDR BIAS	199.98	199.97	-0.0097
62	100	LDR BIAS	199.98	199.97	-0.0054
63	100	LDR BIAS	199.97	199.97	0.0057
64	100	LDR BIAS	199.97	199.98	0.0063
65	100	LDR BIAS	199.99	199.98	-0.0115
66	100	LDR UNBIAS	199.98	199.97	-0.0094
67	100	LDR UNBIAS	199.97	199.97	0.0034
68	100	LDR UNBIAS	199.98	199.97	-0.0063
69	100	LDR UNBIAS	199.98	199.98	0.0021
70	100	LDR UNBIAS	199.97	199.97	0.0021

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	199.97	199.98	199.98	0.0049982	200	200	200	0.0031847	0.0122	0.023	0.028	0.0072902
3	199.97	199.98	199.99	0.0070522	199.97	199.98	199.98	0.0052067	-0.0126	-0.0014	0.007	0.00575
10	199.97	199.98	199.99	0.0070522	200	200	200	0.0031107	0.0142	0.02345	0.0342	0.0063467
20	199.97	199.98	199.99	0.0070522	199.99	200	200	0.0032552	0.0089	0.02145	0.0365	0.0088516
30	199.97	199.98	199.99	0.0070522	199.99	200	200	0.0035236	0.0022	0.02049	0.0319	0.0090892
50	199.97	199.98	199.99	0.0070522	199.88	199.97	199.99	0.030678	-0.0847	-0.00521	0.0172	0.0292
100	199.97	199.98	199.99	0.0070522	199.97	199.97	199.98	0.0029052	-0.0115	-0.00227	0.0063	0.0068685

Device Test: 20.87 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/500kHz//@FSW_EXT_RT_C





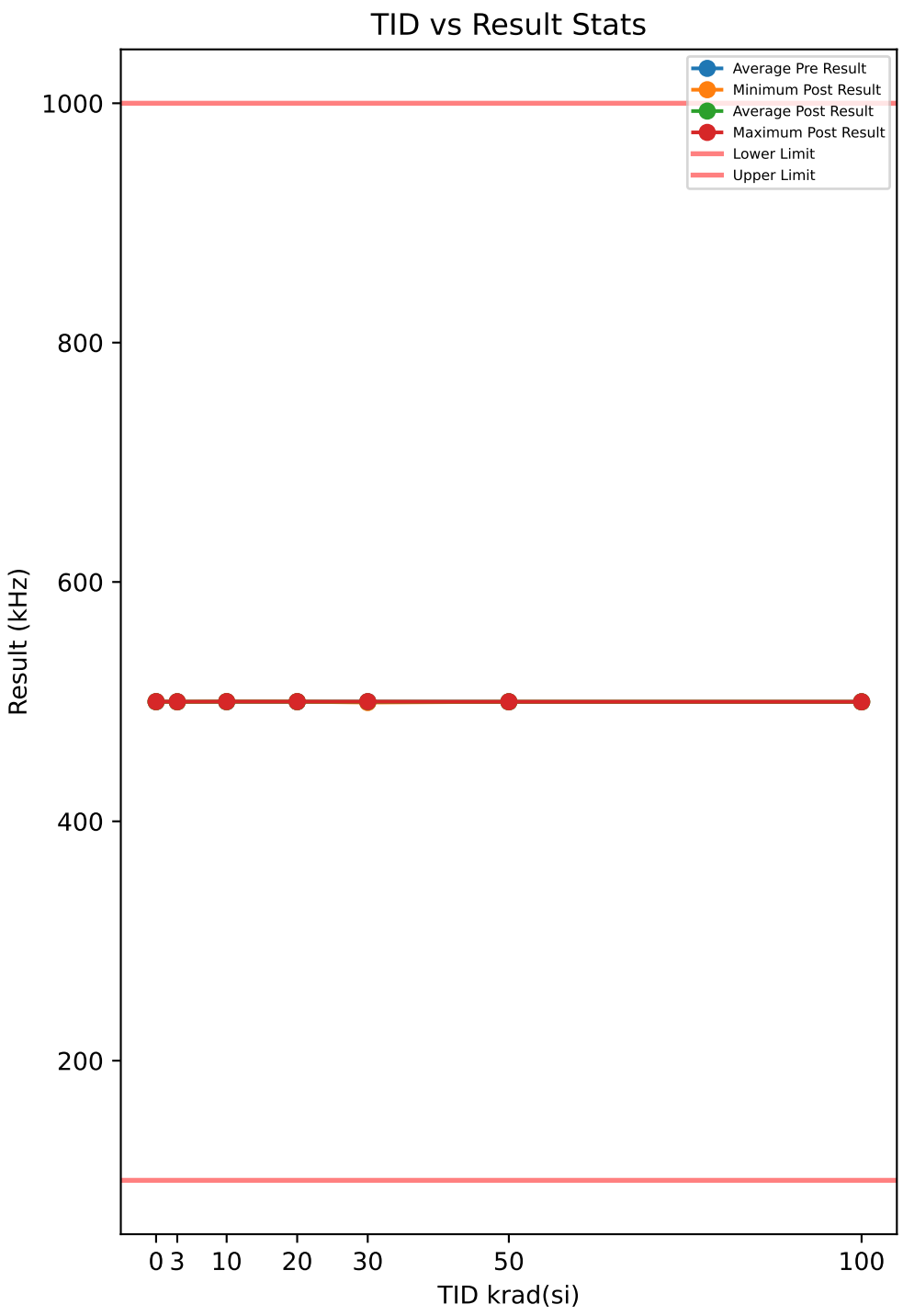
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

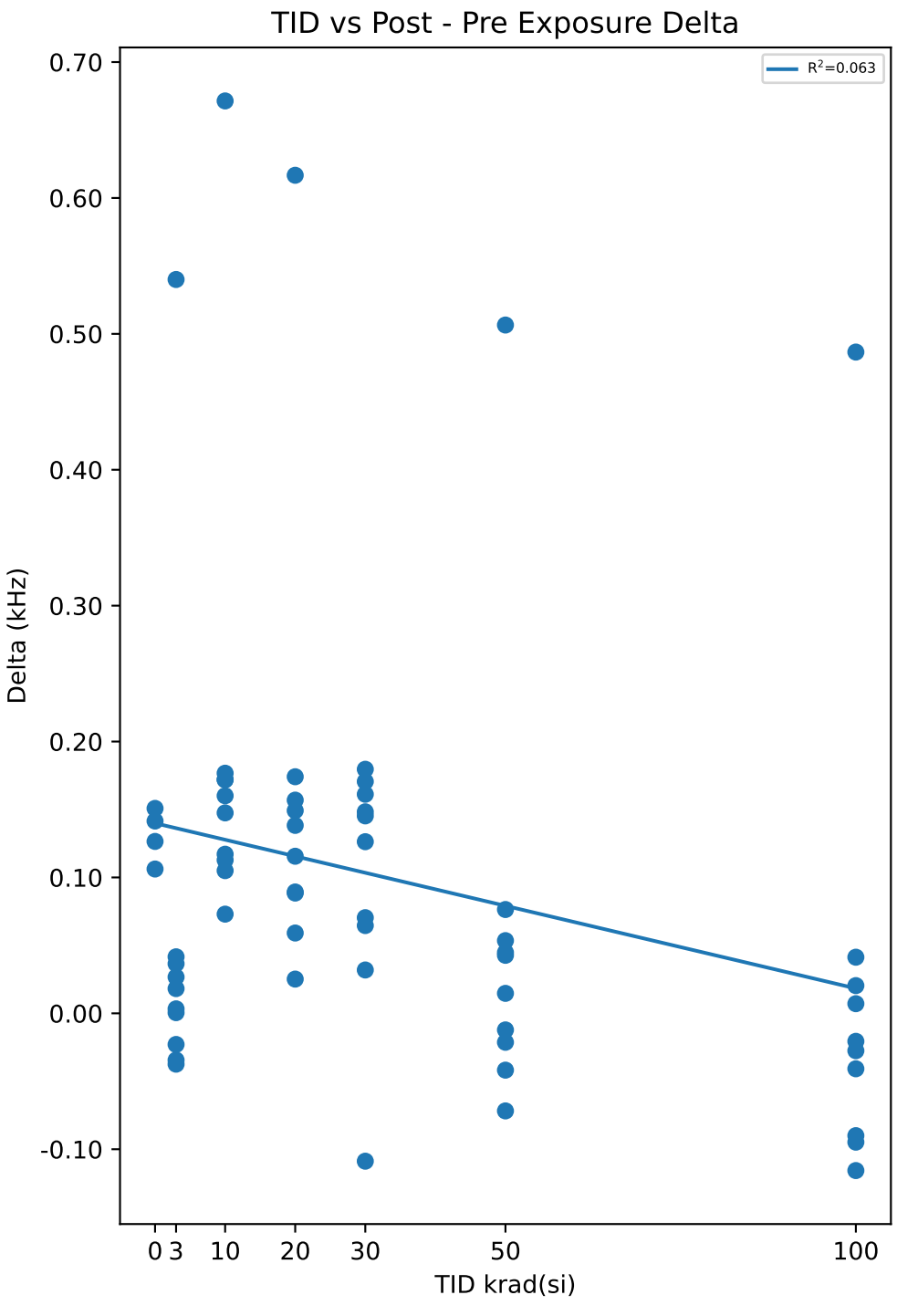
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	500.15	500.5	0.3466
2	3	LDR BIAS	500.28	495.68	-4.6057
3	3	LDR BIAS	495.57	499.87	4.2977
4	3	LDR BIAS	499.91	499.42	-0.4893
5	3	LDR BIAS	499.7	499.74	0.0419
6	3	LDR UNBIAS	497.87	498.03	0.1633
7	3	LDR UNBIAS	500.04	499.58	-0.4625
8	3	LDR UNBIAS	502.35	502.32	-0.0269
9	3	LDR UNBIAS	504.63	504.45	-0.1871
10	3	LDR UNBIAS	501.58	501.48	-0.098
11	0	CORRELATION	493.63	493.73	0.0961
12	0	CORRELATION	495.42	495.72	0.2981
13	0	CORRELATION	500.86	500.92	0.0571
14	0	CORRELATION	498.06	498.11	0.0519
21	10	LDR BIAS	500.15	500.59	0.4392
22	10	LDR BIAS	500.28	500.54	0.2606
23	10	LDR BIAS	495.57	496.23	0.6649
24	10	LDR BIAS	499.91	500.15	0.2477
25	10	LDR BIAS	499.7	499.24	-0.4537
26	10	LDR UNBIAS	497.87	497.32	-0.5508
27	10	LDR UNBIAS	500.04	499.35	-0.698
28	10	LDR UNBIAS	502.35	503.1	0.7502
29	10	LDR UNBIAS	504.63	503.64	-0.9992
30	10	LDR UNBIAS	501.58	501.38	-0.1918
31	20	LDR BIAS	500.15	501.04	0.8835
32	20	LDR BIAS	500.28	500.28	-0.0049
33	20	LDR BIAS	495.57	496.51	0.9413
34	20	LDR BIAS	499.91	499.65	-0.2526
35	20	LDR BIAS	499.7	499.07	-0.6307
36	20	LDR UNBIAS	497.87	496.84	-1.0301
37	20	LDR UNBIAS	500.04	499.61	-0.431
38	20	LDR UNBIAS	502.35	502.43	0.0821
39	20	LDR UNBIAS	504.63	503.64	-0.9968
40	20	LDR UNBIAS	501.58	501.81	0.2389
41	30	LDR BIAS	500.15	501.19	1.0326
42	30	LDR BIAS	500.28	500.39	0.1032
43	30	LDR BIAS	495.57	496.26	0.6899
44	30	LDR BIAS	499.91	498.54	-1.3701
45	30	LDR BIAS	499.7	499.39	-0.3121
46	30	LDR UNBIAS	497.87	497.36	-0.5072
47	30	LDR UNBIAS	500.04	499.34	-0.6995
48	30	LDR UNBIAS	502.35	502.52	0.1718
49	30	LDR UNBIAS	504.63	504.08	-0.5502
50	30	LDR UNBIAS	501.58	502.27	0.6905
51	50	LDR BIAS	500.15	501.64	1.486
52	50	LDR BIAS	500.28	500.17	-0.1143
53	50	LDR BIAS	495.57	496.12	0.5559
54	50	LDR BIAS	499.91	499.74	-0.1682
55	50	LDR BIAS	499.7	499.3	-0.3949
56	50	LDR UNBIAS	497.87	498.05	0.1781
57	50	LDR UNBIAS	500.04	498.55	-1.4895
58	50	LDR UNBIAS	502.35	502.57	0.2258
59	50	LDR UNBIAS	504.63	503.9	-0.7369
60	50	LDR UNBIAS	501.58	502.74	1.1621
61	100	LDR BIAS	500.15	502.96	2.8081
62	100	LDR BIAS	500.28	498.85	-1.4359
63	100	LDR BIAS	495.57	495.43	-0.1344
64	100	LDR BIAS	499.91	498.04	-1.8623
65	100	LDR BIAS	499.7	500.26	0.5619
66	100	LDR UNBIAS	497.87	496.6	-1.2687
67	100	LDR UNBIAS	500.04	498.86	-1.1857
68	100	LDR UNBIAS	502.35	502.18	-0.1709
69	100	LDR UNBIAS	504.63	503.16	-1.4757
70	100	LDR UNBIAS	501.58	496.64	-4.9309

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	493.63	496.99	500.86	3.1557	493.73	497.12	500.92	3.1029	0.0519	0.1258	0.2981	0.11655
3	495.57	500.21	504.63	2.4365	495.68	500.11	504.45	2.3723	-4.6057	-0.102	4.2977	2.1141
10	495.57	500.21	504.63	2.4365	496.23	500.15	503.64	2.2983	-0.9992	-0.05309	0.7502	0.60832
20	495.57	500.21	504.63	2.4365	496.51	500.09	503.64	2.2809	-1.0301	-0.12003	0.9413	0.69029
30	495.57	500.21	504.63	2.4365	496.26	500.13	504.08	2.4372	-1.3701	-0.07511	1.0326	0.74734
50	495.57	500.21	504.63	2.4365	496.12	500.28	503.9	2.4205	-1.4895	0.07041	1.486	0.87304
100	495.57	500.21	504.63	2.4365	495.43	499.3	503.16	2.7641	-4.9309	-0.90945	2.8081	1.9724

Device Test: 20.88 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/500kHz//@FREQ_SYNC_EXT





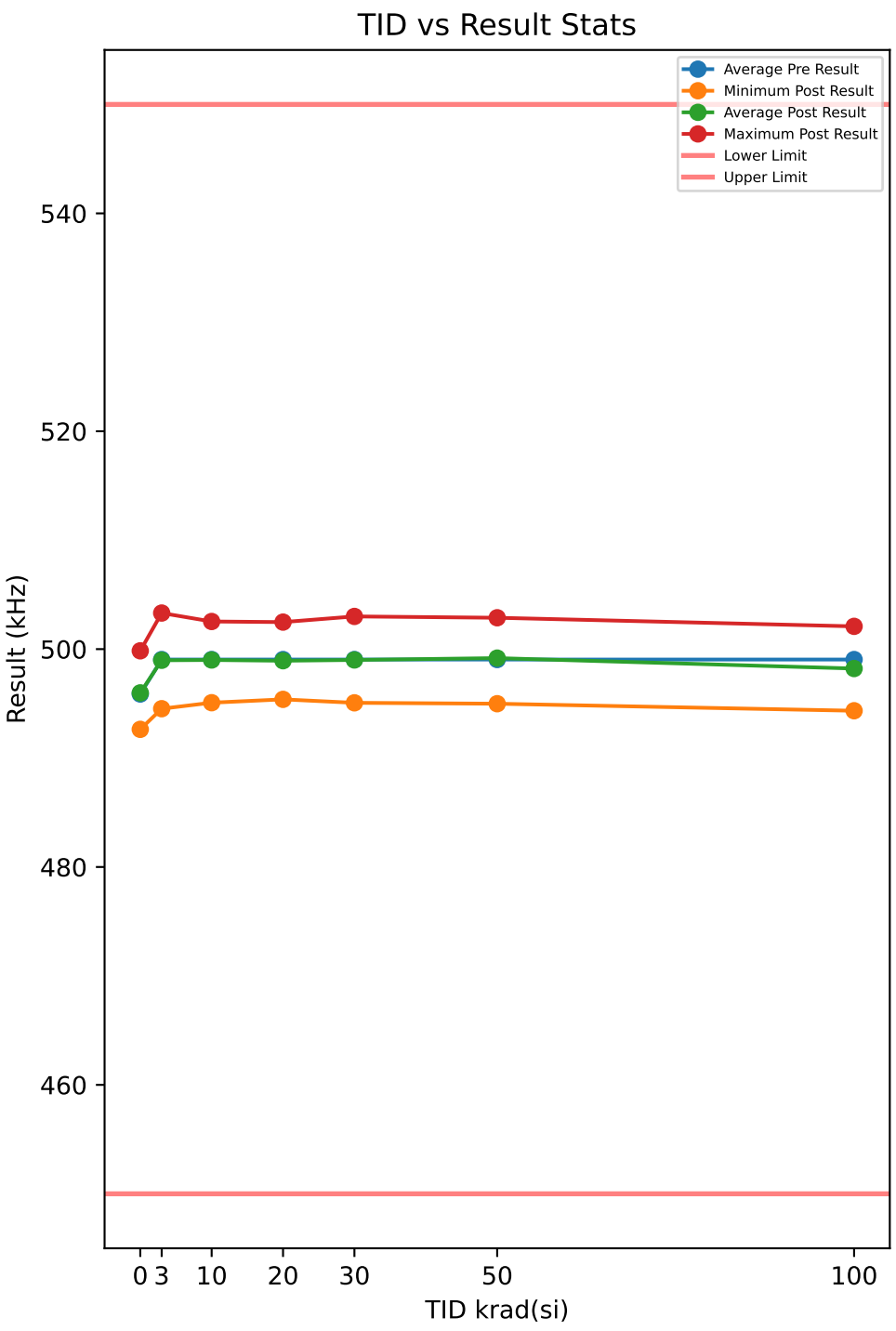
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

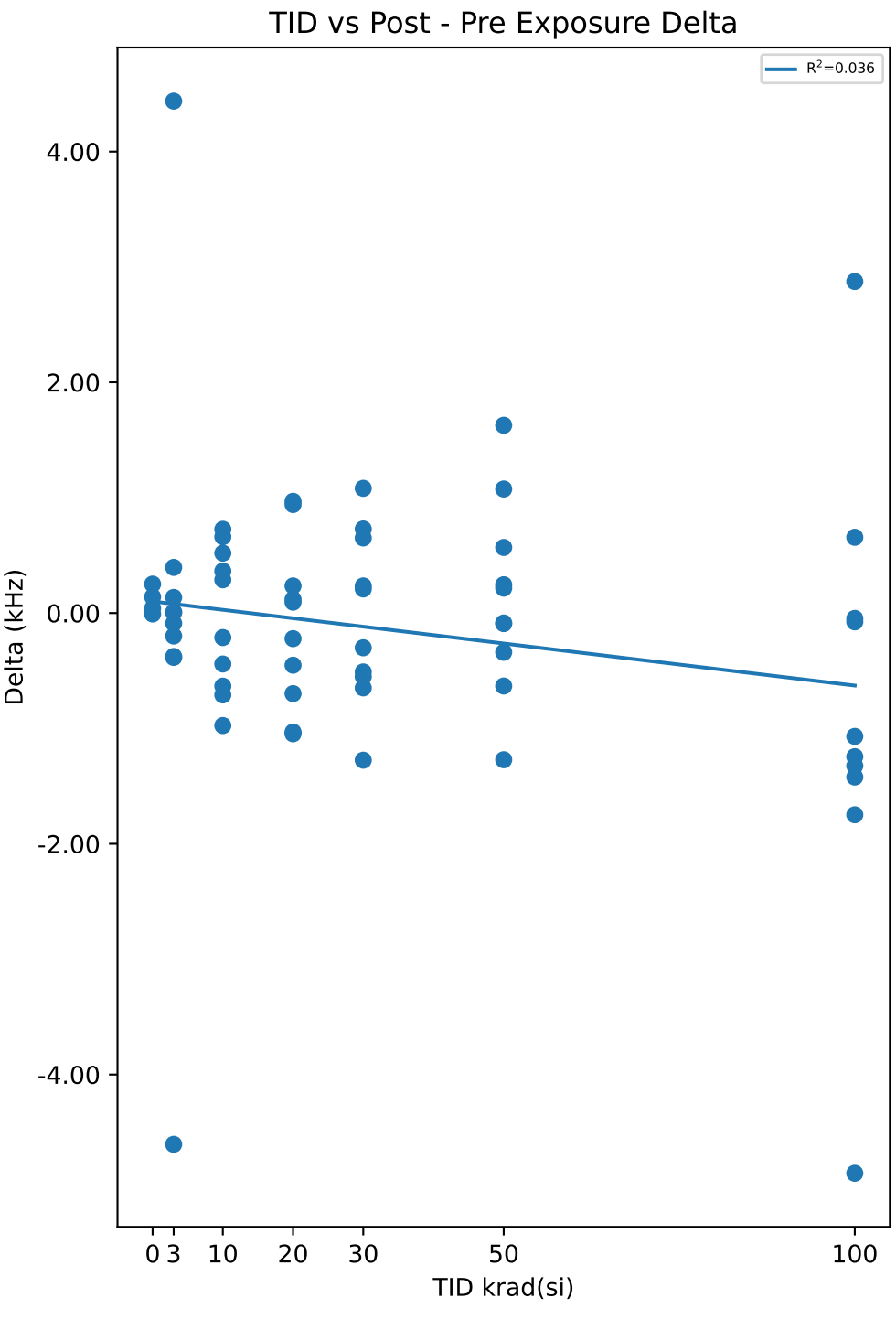
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.92	499.94	0.0267
2	3	LDR BIAS	499.86	499.9	0.0365
3	3	LDR BIAS	499.85	499.81	-0.0374
4	3	LDR BIAS	499.34	499.88	0.54
5	3	LDR BIAS	499.92	499.93	0.0033
6	3	LDR UNBIAS	499.88	499.88	0.0005
7	3	LDR UNBIAS	499.84	499.82	-0.0229
8	3	LDR UNBIAS	499.84	499.88	0.0416
9	3	LDR UNBIAS	499.94	499.91	-0.0344
10	3	LDR UNBIAS	499.85	499.87	0.0182
11	0	CORRELATION	499.85	499.96	0.1062
12	0	CORRELATION	499.83	499.98	0.1508
13	0	CORRELATION	499.89	500.02	0.1265
14	0	CORRELATION	499.87	500.01	0.1415
21	10	LDR BIAS	499.92	500.03	0.1128
22	10	LDR BIAS	499.86	499.98	0.1171
23	10	LDR BIAS	499.85	500.02	0.1718
24	10	LDR BIAS	499.34	500.01	0.6714
25	10	LDR BIAS	499.92	500	0.073
26	10	LDR UNBIAS	499.88	500.04	0.1601
27	10	LDR UNBIAS	499.84	499.99	0.1475
28	10	LDR UNBIAS	499.84	500.02	0.1767
29	10	LDR UNBIAS	499.94	500.05	0.105
30	10	LDR UNBIAS	499.85	500.02	0.1721
31	20	LDR BIAS	499.92	500	0.0885
32	20	LDR BIAS	499.86	500.02	0.1569
33	20	LDR BIAS	499.85	499.99	0.1383
34	20	LDR BIAS	499.34	499.96	0.6167
35	20	LDR BIAS	499.92	499.95	0.0252
36	20	LDR UNBIAS	499.88	499.97	0.0893
37	20	LDR UNBIAS	499.84	499.99	0.1492
38	20	LDR UNBIAS	499.84	500.01	0.1741
39	20	LDR UNBIAS	499.94	500	0.0591
40	20	LDR UNBIAS	499.85	499.97	0.1156
41	30	LDR BIAS	499.92	499.95	0.0319
42	30	LDR BIAS	499.86	500.02	0.1612
43	30	LDR BIAS	499.85	500.02	0.1706
44	30	LDR BIAS	499.34	499.23	-0.1088
45	30	LDR BIAS	499.92	499.99	0.0704
46	30	LDR UNBIAS	499.88	500.02	0.1483
47	30	LDR UNBIAS	499.84	499.98	0.1453
48	30	LDR UNBIAS	499.84	499.97	0.1263
49	30	LDR UNBIAS	499.94	500.01	0.0646
50	30	LDR UNBIAS	499.85	500.03	0.1796
51	50	LDR BIAS	499.92	499.84	-0.0718
52	50	LDR BIAS	499.86	499.85	-0.0122
53	50	LDR BIAS	499.85	499.89	0.0427
54	50	LDR BIAS	499.34	499.85	0.5065
55	50	LDR BIAS	499.92	499.9	-0.0213
56	50	LDR UNBIAS	499.88	499.89	0.0147
57	50	LDR UNBIAS	499.84	499.91	0.0764
58	50	LDR UNBIAS	499.84	499.89	0.0535
59	50	LDR UNBIAS	499.94	499.9	-0.0418
60	50	LDR UNBIAS	499.85	499.9	0.0448
61	100	LDR BIAS	499.92	499.83	-0.09
62	100	LDR BIAS	499.86	499.84	-0.0206
63	100	LDR BIAS	499.85	499.87	0.0204
64	100	LDR BIAS	499.34	499.83	0.4866
65	100	LDR BIAS	499.92	499.83	-0.0948
66	100	LDR UNBIAS	499.88	499.84	-0.0408
67	100	LDR UNBIAS	499.84	499.85	0.0071
68	100	LDR UNBIAS	499.84	499.88	0.0413
69	100	LDR UNBIAS	499.94	499.83	-0.1157
70	100	LDR UNBIAS	499.85	499.82	-0.0275

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.83	499.86	499.89	0.025862	499.96	499.99	500.02	0.027912	0.1062	0.13125	0.1508	0.019471
3	499.34	499.82	499.94	0.17337	499.81	499.88	499.94	0.042304	-0.0374	0.05721	0.54	0.17195
10	499.34	499.82	499.94	0.17337	499.98	500.01	500.05	0.021573	0.073	0.19075	0.6714	0.17239
20	499.34	499.82	499.94	0.17337	499.95	499.99	500.02	0.024516	0.0252	0.16129	0.6167	0.1666
30	499.34	499.82	499.94	0.17337	499.23	499.92	500.03	0.24394	-0.1088	0.09894	0.1796	0.088503
50	499.34	499.82	499.94	0.17337	499.84	499.88	499.91	0.025476	-0.0718	0.05915	0.5065	0.16391
100	499.34	499.82	499.94	0.17337	499.82	499.84	499.88	0.0199	-0.1157	0.0166	0.4866	0.17305

Device Test: 20.89 LEVEL|FREQ/RT/5/5/0/1000/5/500kHz//@FSW_EXT_RT_C





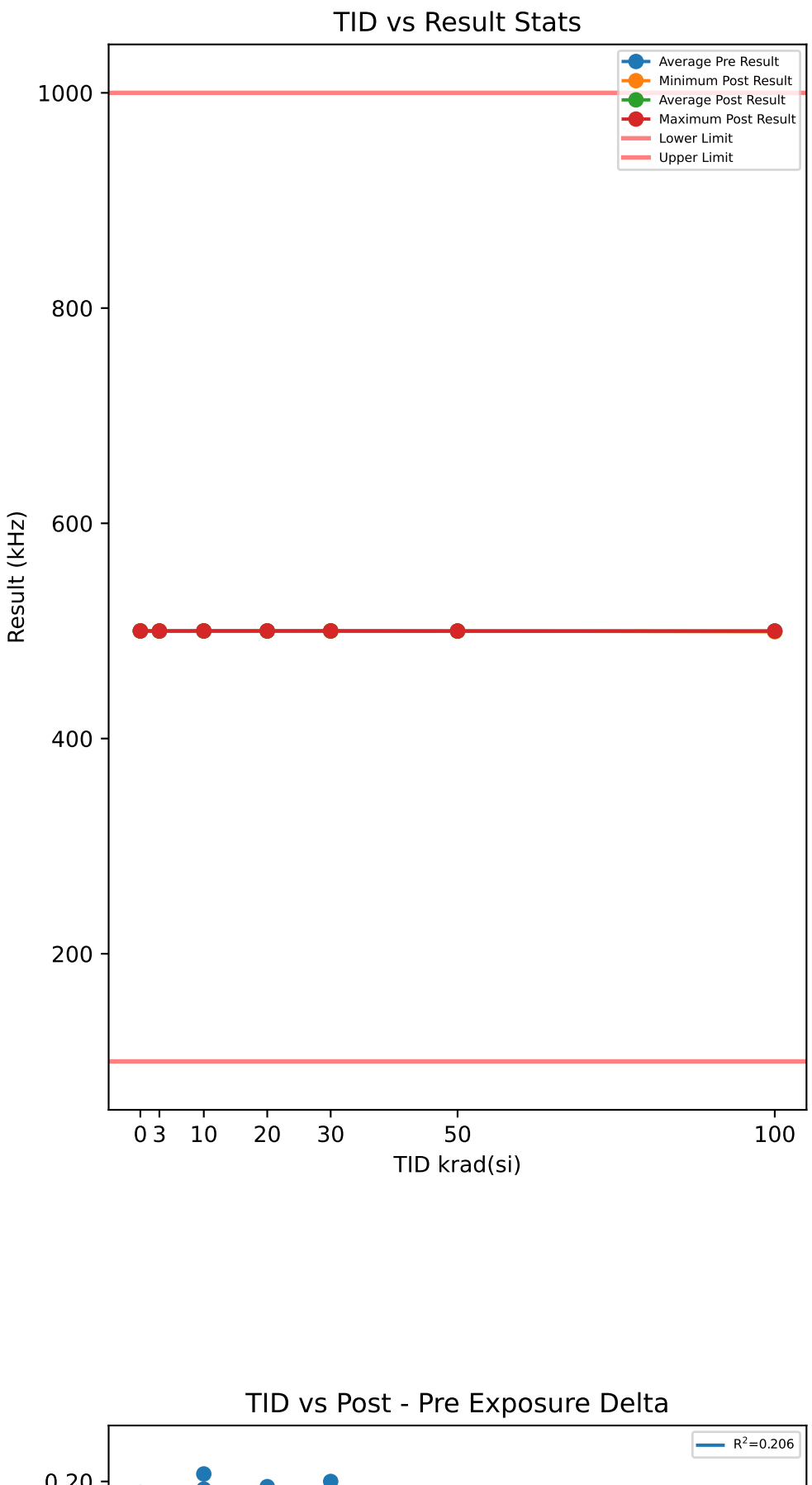
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

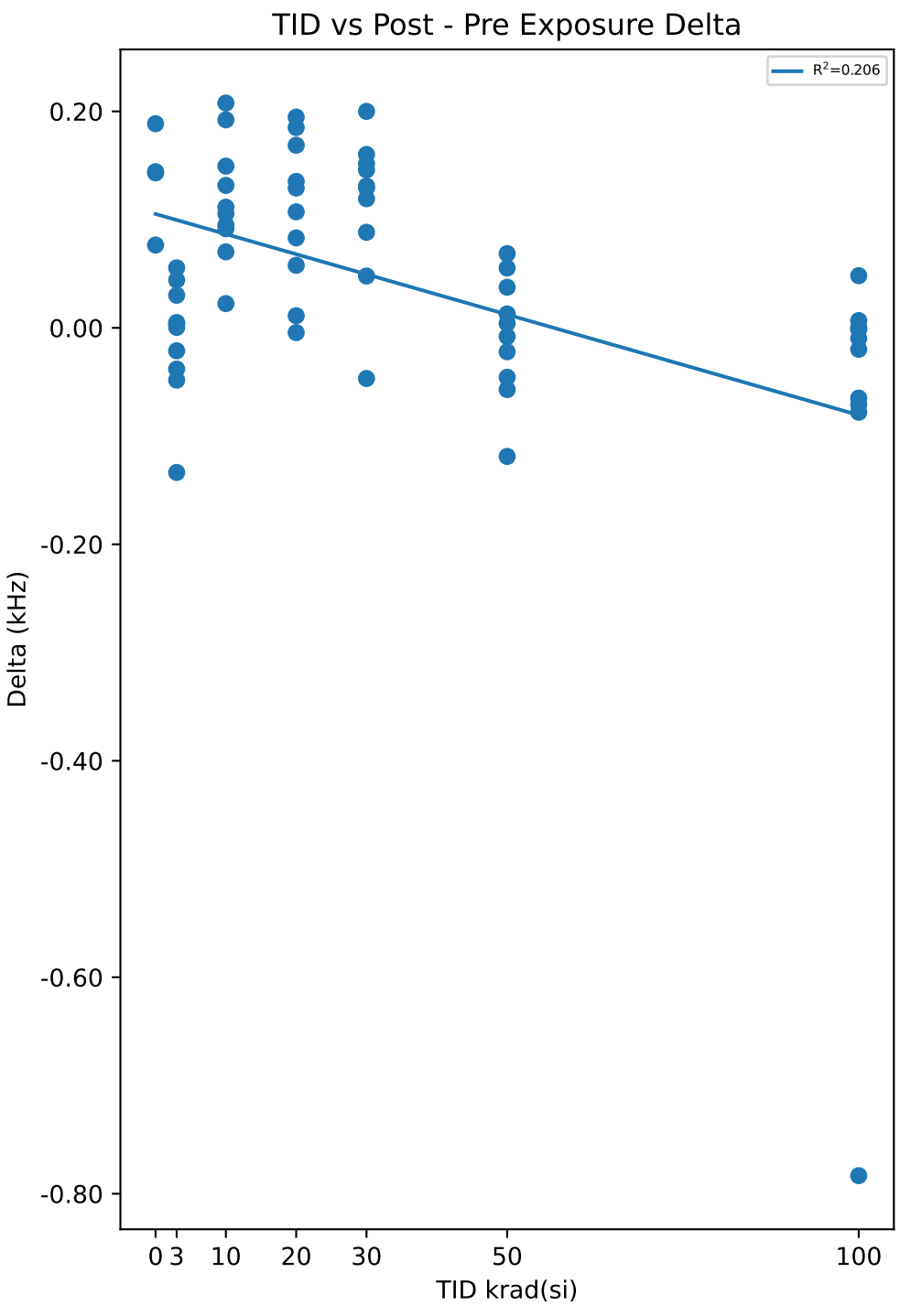
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.01	499.41	0.3957
2	3	LDR BIAS	499.14	494.53	-4.6047
3	3	LDR BIAS	494.42	498.86	4.4371
4	3	LDR BIAS	498.64	498.25	-0.3844
5	3	LDR BIAS	498.58	498.59	0.0064
6	3	LDR UNBIAS	496.74	496.87	0.1353
7	3	LDR UNBIAS	498.85	498.48	-0.3764
8	3	LDR UNBIAS	501.15	501.15	0.007
9	3	LDR UNBIAS	503.51	503.31	-0.1991
10	3	LDR UNBIAS	500.4	500.31	-0.0884
11	0	CORRELATION	492.49	492.63	0.14
12	0	CORRELATION	494.26	494.51	0.2508
13	0	CORRELATION	499.8	499.84	0.0418
14	0	CORRELATION	496.96	496.95	-0.008
21	10	LDR BIAS	499.01	499.53	0.5194
22	10	LDR BIAS	499.14	499.5	0.3647
23	10	LDR BIAS	494.42	495.08	0.6613
24	10	LDR BIAS	498.64	498.93	0.2884
25	10	LDR BIAS	498.58	498.14	-0.4414
26	10	LDR UNBIAS	496.74	496.1	-0.6333
27	10	LDR UNBIAS	498.85	498.14	-0.7094
28	10	LDR UNBIAS	501.15	501.87	0.726
29	10	LDR UNBIAS	503.51	502.54	-0.9748
30	10	LDR UNBIAS	500.4	500.18	-0.2122
31	20	LDR BIAS	499.01	499.95	0.9402
32	20	LDR BIAS	499.14	499.23	0.0943
33	20	LDR BIAS	494.42	495.39	0.9682
34	20	LDR BIAS	498.64	498.42	-0.2217
35	20	LDR BIAS	498.58	497.88	-0.6981
36	20	LDR UNBIAS	496.74	495.69	-1.0461
37	20	LDR UNBIAS	498.85	498.4	-0.4518
38	20	LDR UNBIAS	501.15	501.27	0.1195
39	20	LDR UNBIAS	503.51	502.48	-1.0311
40	20	LDR UNBIAS	500.4	500.63	0.2351
41	30	LDR BIAS	499.01	500.09	1.081
42	30	LDR BIAS	499.14	499.34	0.2088
43	30	LDR BIAS	494.42	495.07	0.651
44	30	LDR BIAS	498.64	497.36	-1.2752
45	30	LDR BIAS	498.58	498.28	-0.3008
46	30	LDR UNBIAS	496.74	496.19	-0.5521
47	30	LDR UNBIAS	498.85	498.2	-0.6484
48	30	LDR UNBIAS	501.15	501.38	0.2352
49	30	LDR UNBIAS	503.51	503	-0.5101
50	30	LDR UNBIAS	500.4	501.12	0.7286
51	50	LDR BIAS	499.01	500.64	1.6274
52	50	LDR BIAS	499.14	499.05	-0.0861
53	50	LDR BIAS	494.42	494.99	0.5686
54	50	LDR BIAS	498.64	498.55	-0.0915
55	50	LDR BIAS	498.58	498.24	-0.3399
56	50	LDR UNBIAS	496.74	496.95	0.2159
57	50	LDR UNBIAS	498.85	497.58	-1.2713
58	50	LDR UNBIAS	501.15	501.39	0.2455
59	50	LDR UNBIAS	503.51	502.88	-0.6323
60	50	LDR UNBIAS	500.4	501.47	1.0751
61	100	LDR BIAS	499.01	501.89	2.8739
62	100	LDR BIAS	499.14	497.81	-1.324
63	100	LDR BIAS	494.42	494.34	-0.0763
64	100	LDR BIAS	498.64	496.89	-1.7484
65	100	LDR BIAS	498.58	499.24	0.6568
66	100	LDR UNBIAS	496.74	495.49	-1.2447
67	100	LDR UNBIAS	498.85	497.78	-1.0688
68	100	LDR UNBIAS	501.15	501.1	-0.0465
69	100	LDR UNBIAS	503.51	502.09	-1.4211
70	100	LDR UNBIAS	500.4	495.54	-4.8556

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.49	495.88	499.8	3.1951	492.63	495.98	499.84	3.1207	-0.008	0.10615	0.2508	0.11437
3	494.42	499.04	503.51	2.4343	494.53	498.98	503.31	2.3716	-4.6047	-0.06715	4.4371	2.1437
10	494.42	499.04	503.51	2.4343	495.08	499	502.54	2.3073	-0.9748	-0.04113	0.726	0.62609
20	494.42	499.04	503.51	2.4343	495.39	498.93	502.48	2.2794	-1.0461	-0.10915	0.9682	0.72102
30	494.42	499.04	503.51	2.4343	495.07	499	503	2.4652	-1.2752	-0.0382	1.081	0.73859
50	494.42	499.04	503.51	2.4343	494.99	499.17	502.88	2.4114	-1.2713	0.13114	1.6274	0.83065
100	494.42	499.04	503.51	2.4343	494.34	498.22	502.09	2.7792	-4.8556	-0.82547	2.8739	1.9715

Device Test: 20.90 LEVEL|FREQ/SYNC/5/5/0/1000/5/500kHz//@FREQ_SYNC_EXT





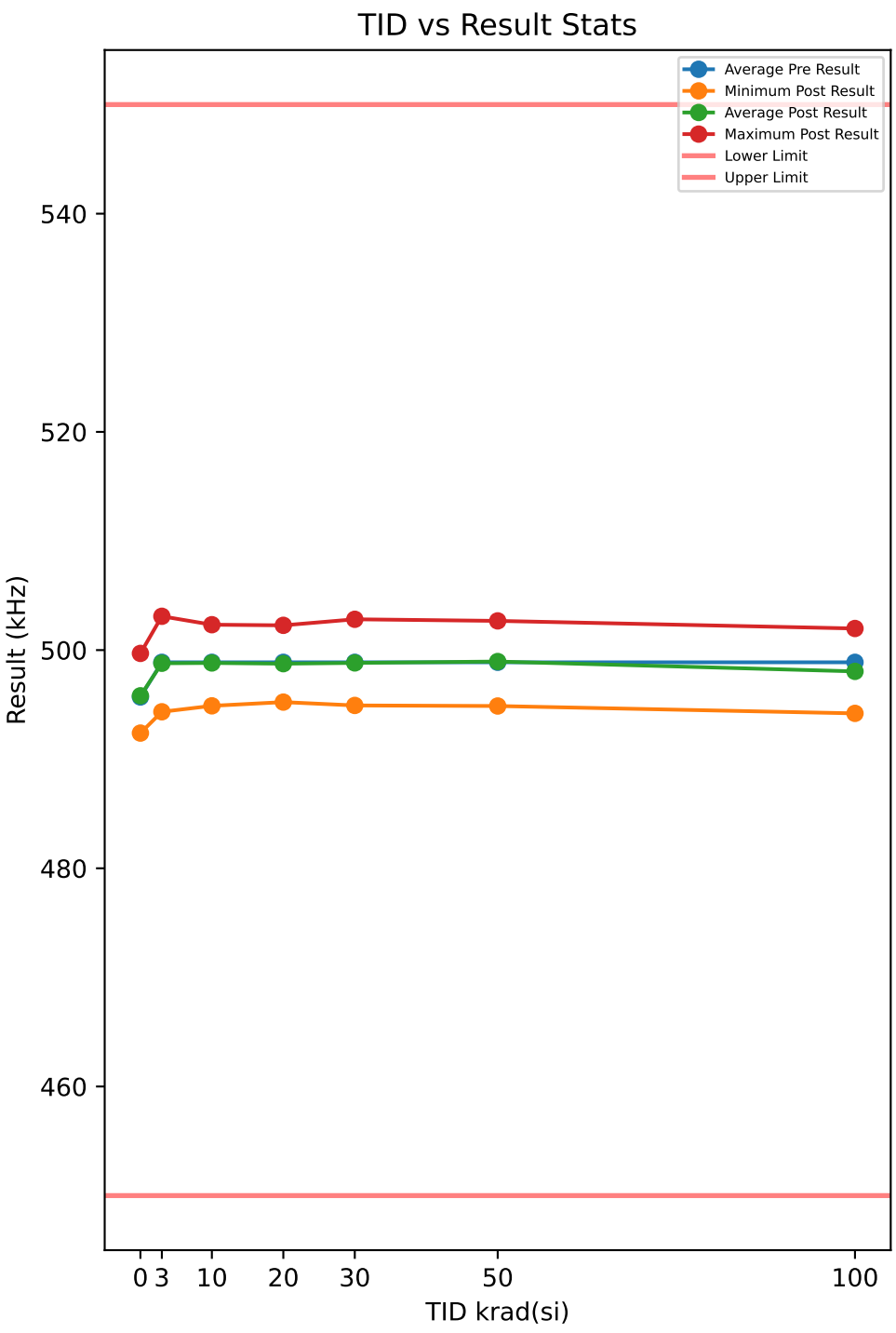
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.91	499.94	0.0301
2	3	LDR BIAS	499.83	499.87	0.0442
3	3	LDR BIAS	499.83	499.83	0.0049
4	3	LDR BIAS	499.84	499.84	0.0038
5	3	LDR BIAS	499.94	500	0.0555
6	3	LDR UNBIAS	499.88	499.86	-0.0212
7	3	LDR UNBIAS	499.85	499.81	-0.0483
8	3	LDR UNBIAS	499.88	499.88	0.0004
9	3	LDR UNBIAS	500	499.87	-0.1336
10	3	LDR UNBIAS	499.87	499.83	-0.0381
11	0	CORRELATION	499.81	500	0.1886
12	0	CORRELATION	499.88	500.02	0.1443
13	0	CORRELATION	499.93	500.01	0.0765
14	0	CORRELATION	499.85	500	0.1432
21	10	LDR BIAS	499.91	499.98	0.0702
22	10	LDR BIAS	499.83	499.98	0.1494
23	10	LDR BIAS	499.83	500.04	0.2077
24	10	LDR BIAS	499.84	500.03	0.1922
25	10	LDR BIAS	499.94	500.05	0.1055
26	10	LDR UNBIAS	499.88	499.98	0.095
27	10	LDR UNBIAS	499.85	499.98	0.1316
28	10	LDR UNBIAS	499.88	499.97	0.0916
29	10	LDR UNBIAS	500	500.03	0.0224
30	10	LDR UNBIAS	499.87	499.98	0.1115
31	20	LDR BIAS	499.91	499.96	0.0578
32	20	LDR BIAS	499.83	500.01	0.1851
33	20	LDR BIAS	499.83	500.02	0.1947
34	20	LDR BIAS	499.84	499.97	0.1292
35	20	LDR BIAS	499.94	499.95	0.0112
36	20	LDR UNBIAS	499.88	500.02	0.1353
37	20	LDR UNBIAS	499.85	500.02	0.1687
38	20	LDR UNBIAS	499.88	499.96	0.0831
39	20	LDR UNBIAS	500	500	-0.0044
40	20	LDR UNBIAS	499.87	499.98	0.1072
41	30	LDR BIAS	499.91	499.99	0.0883
42	30	LDR BIAS	499.83	500.03	0.2
43	30	LDR BIAS	499.83	499.97	0.1459
44	30	LDR BIAS	499.84	499.97	0.1293
45	30	LDR BIAS	499.94	499.99	0.0479
46	30	LDR UNBIAS	499.88	500.04	0.1516
47	30	LDR UNBIAS	499.85	499.98	0.131
48	30	LDR UNBIAS	499.88	500	0.1193
49	30	LDR UNBIAS	500	499.96	-0.0468
50	30	LDR UNBIAS	499.87	500.03	0.1602
51	50	LDR BIAS	499.91	499.85	-0.057
52	50	LDR BIAS	499.83	499.9	0.0686
53	50	LDR BIAS	499.83	499.87	0.0375
54	50	LDR BIAS	499.84	499.89	0.0553
55	50	LDR BIAS	499.94	499.9	-0.0456
56	50	LDR UNBIAS	499.88	499.89	0.0042
57	50	LDR UNBIAS	499.85	499.85	-0.008
58	50	LDR UNBIAS	499.88	499.89	0.0129
59	50	LDR UNBIAS	500	499.89	-0.1188
60	50	LDR UNBIAS	499.87	499.85	-0.0221
61	100	LDR BIAS	499.91	499.83	-0.078
62	100	LDR BIAS	499.83	499.83	0.0067
63	100	LDR BIAS	499.83	499.88	0.0482
64	100	LDR BIAS	499.84	499.83	-0.0097
65	100	LDR BIAS	499.94	499.87	-0.071
66	100	LDR UNBIAS	499.88	499.82	-0.0649
67	100	LDR UNBIAS	499.85	499.83	-0.0198
68	100	LDR UNBIAS	499.88	499.88	-0.0016
69	100	LDR UNBIAS	500	499.22	-0.7833
70	100	LDR UNBIAS	499.87	499.87	0.0004

Test Statistics (kHz)

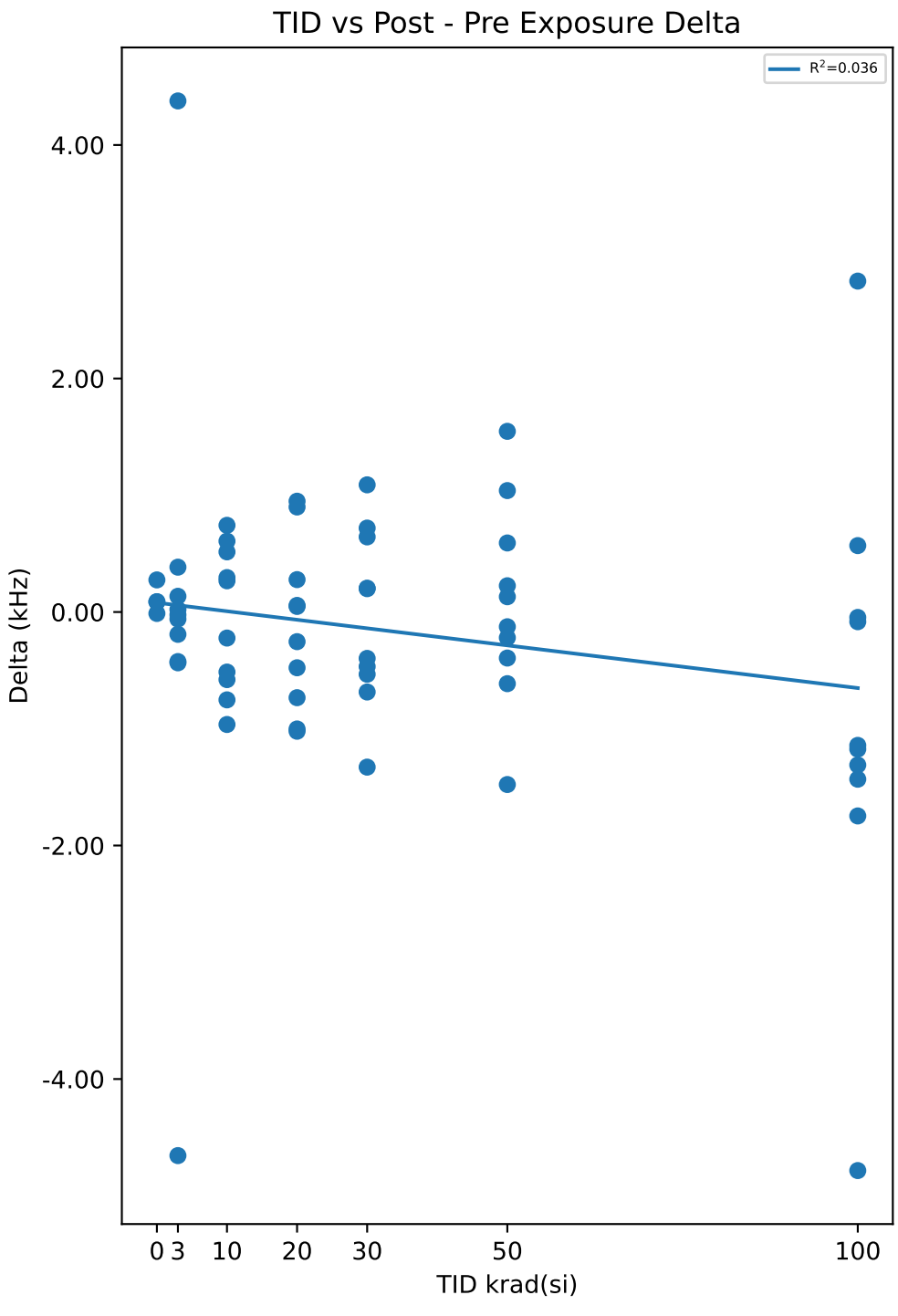
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.81	499.87	499.93	0.053506	500	500.01	500.02	0.013395	0.0765	0.13815	0.1886	0.046221
3	499.83	499.88	500	0.055732	499.81	499.87	500	0.056124	-0.1336	-0.01023	0.0555	0.054787
10	499.83	499.88	500	0.055732	499.97	500	500.05	0.029606	0.0224	0.11771	0.2077	0.055348
20	499.83	499.88	500	0.055732	499.95	499.99	500.02	0.028335	-0.0044	0.10679	0.1947	0.069499
30	499.83	499.88	500	0.055732	499.96	500	500.04	0.027577	-0.0468	0.11267	0.2	0.069428
50	499.83	499.88	500	0.055732	499.85	499.88	499.9	0.021581	-0.1188	-0.0073	0.0686	0.056584
100	499.83	499.88	500	0.055732	499.22	499.79	499.88	0.19976	-0.7833	-0.0973	0.0482	0.24429

Device Test: 20.91 LEVEL|FREQ/RT/12/12/0/1000/5/500kHz//@FSW_EXT_RT_C



Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

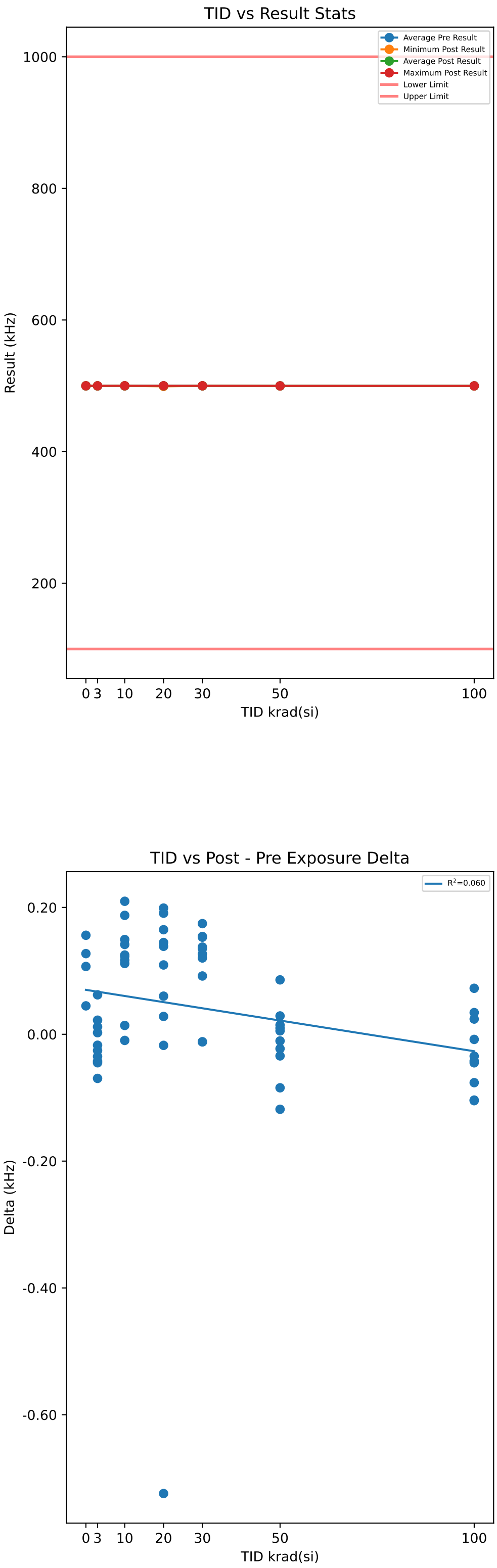
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	498.83	499.21	0.3841
2	3	LDR BIAS	499	494.35	-4.6558
3	3	LDR BIAS	494.28	498.66	4.3774
4	3	LDR BIAS	498.53	498.09	-0.4351
5	3	LDR BIAS	498.45	498.42	-0.0242
6	3	LDR UNBIAS	496.53	496.66	0.1347
7	3	LDR UNBIAS	498.7	498.28	-0.4244
8	3	LDR UNBIAS	501	501.02	0.022
9	3	LDR UNBIAS	503.29	503.1	-0.1911
10	3	LDR UNBIAS	500.19	500.13	-0.0604
11	0	CORRELATION	492.3	492.39	0.0885
12	0	CORRELATION	494.08	494.36	0.275
13	0	CORRELATION	499.61	499.7	0.0874
14	0	CORRELATION	496.81	496.8	-0.0122
21	10	LDR BIAS	498.83	499.34	0.5153
22	10	LDR BIAS	499	499.3	0.295
23	10	LDR BIAS	494.28	494.89	0.6072
24	10	LDR BIAS	498.53	498.79	0.2674
25	10	LDR BIAS	498.45	497.93	-0.5143
26	10	LDR UNBIAS	496.53	495.95	-0.579
27	10	LDR UNBIAS	498.7	497.95	-0.7524
28	10	LDR UNBIAS	501	501.74	0.7426
29	10	LDR UNBIAS	503.29	502.33	-0.9633
30	10	LDR UNBIAS	500.19	499.97	-0.223
31	20	LDR BIAS	498.83	499.73	0.8995
32	20	LDR BIAS	499	499.05	0.0478
33	20	LDR BIAS	494.28	495.23	0.9491
34	20	LDR BIAS	498.53	498.27	-0.2539
35	20	LDR BIAS	498.45	497.71	-0.7338
36	20	LDR UNBIAS	496.53	495.53	-1.0017
37	20	LDR UNBIAS	498.7	498.22	-0.4775
38	20	LDR UNBIAS	501	501.06	0.0567
39	20	LDR UNBIAS	503.29	502.27	-1.0211
40	20	LDR UNBIAS	500.19	500.47	0.2775
41	30	LDR BIAS	498.83	499.92	1.0893
42	30	LDR BIAS	499	499.21	0.2042
43	30	LDR BIAS	494.28	494.93	0.6433
44	30	LDR BIAS	498.53	497.2	-1.3285
45	30	LDR BIAS	498.45	498.05	-0.3972
46	30	LDR UNBIAS	496.53	496	-0.5331
47	30	LDR UNBIAS	498.7	498.02	-0.6851
48	30	LDR UNBIAS	501	501.2	0.1999
49	30	LDR UNBIAS	503.29	502.82	-0.4671
50	30	LDR UNBIAS	500.19	500.91	0.7189
51	50	LDR BIAS	498.83	500.38	1.5476
52	50	LDR BIAS	499	498.78	-0.2199
53	50	LDR BIAS	494.28	494.87	0.5914
54	50	LDR BIAS	498.53	498.4	-0.1262
55	50	LDR BIAS	498.45	498.05	-0.3942
56	50	LDR UNBIAS	496.53	496.75	0.2249
57	50	LDR UNBIAS	498.7	497.22	-1.4776
58	50	LDR UNBIAS	501	501.13	0.1308
59	50	LDR UNBIAS	503.29	502.68	-0.6137
60	50	LDR UNBIAS	500.19	501.23	1.04
61	100	LDR BIAS	498.83	501.66	2.8343
62	100	LDR BIAS	499	497.57	-1.432
63	100	LDR BIAS	494.28	494.2	-0.083
64	100	LDR BIAS	498.53	496.78	-1.7466
65	100	LDR BIAS	498.45	499.02	0.5688
66	100	LDR UNBIAS	496.53	495.35	-1.1743
67	100	LDR UNBIAS	498.7	497.56	-1.1423
68	100	LDR UNBIAS	501	500.95	-0.0464
69	100	LDR UNBIAS	503.29	501.98	-1.3103
70	100	LDR UNBIAS	500.19	495.41	-4.784



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.3	495.7	499.61	3.1968	492.39	495.81	499.7	3.1553	-0.0122	0.10967	0.275	0.1199
3	494.28	498.88	503.29	2.4195	494.35	498.79	503.1	2.3736	-4.6558	-0.08728	4.3774	2.1432
10	494.28	498.88	503.29	2.4195	494.89	498.82	502.33	2.3067	-0.9633	-0.06045	0.7426	0.61925
20	494.28	498.88	503.29	2.4195	495.23	498.75	502.27	2.262	-1.0211	-0.12574	0.9491	0.70799
30	494.28	498.88	503.29	2.4195	494.93	498.82	502.82	2.4591	-1.3285	-0.05554	1.0893	0.75
50	494.28	498.88	503.29	2.4195	494.87	498.95	502.68	2.3907	-1.4776	0.07031	1.5476	0.85792
100	494.28	498.88	503.29	2.4195	494.2	498.05	501.98	2.769	-4.784	-0.83158	2.8343	1.939

Device Test: 20.92 LEVEL|FREQ/SYNC/12/12/0/1000/5/500kHz//@FREQ_SYNC_EXT



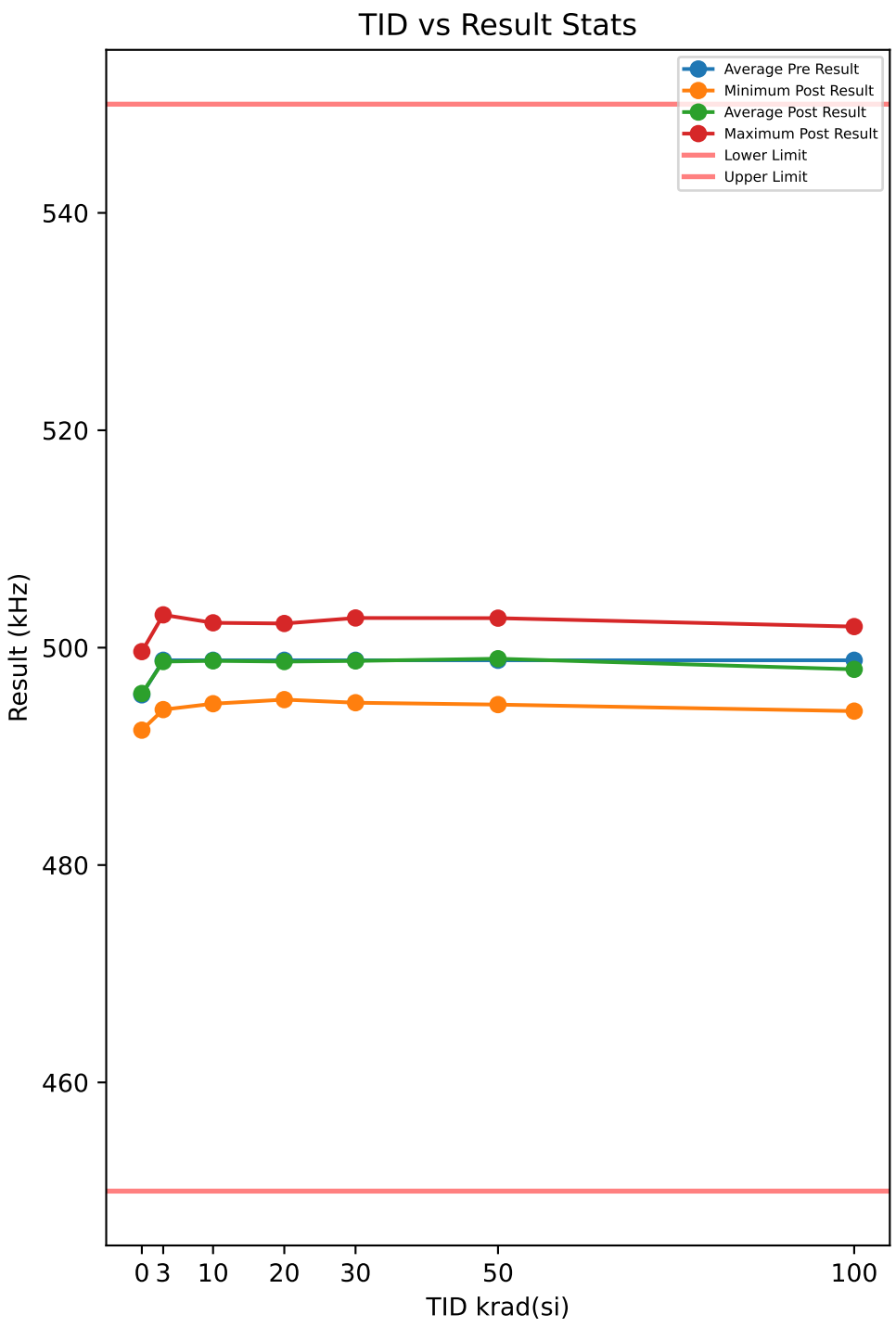
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

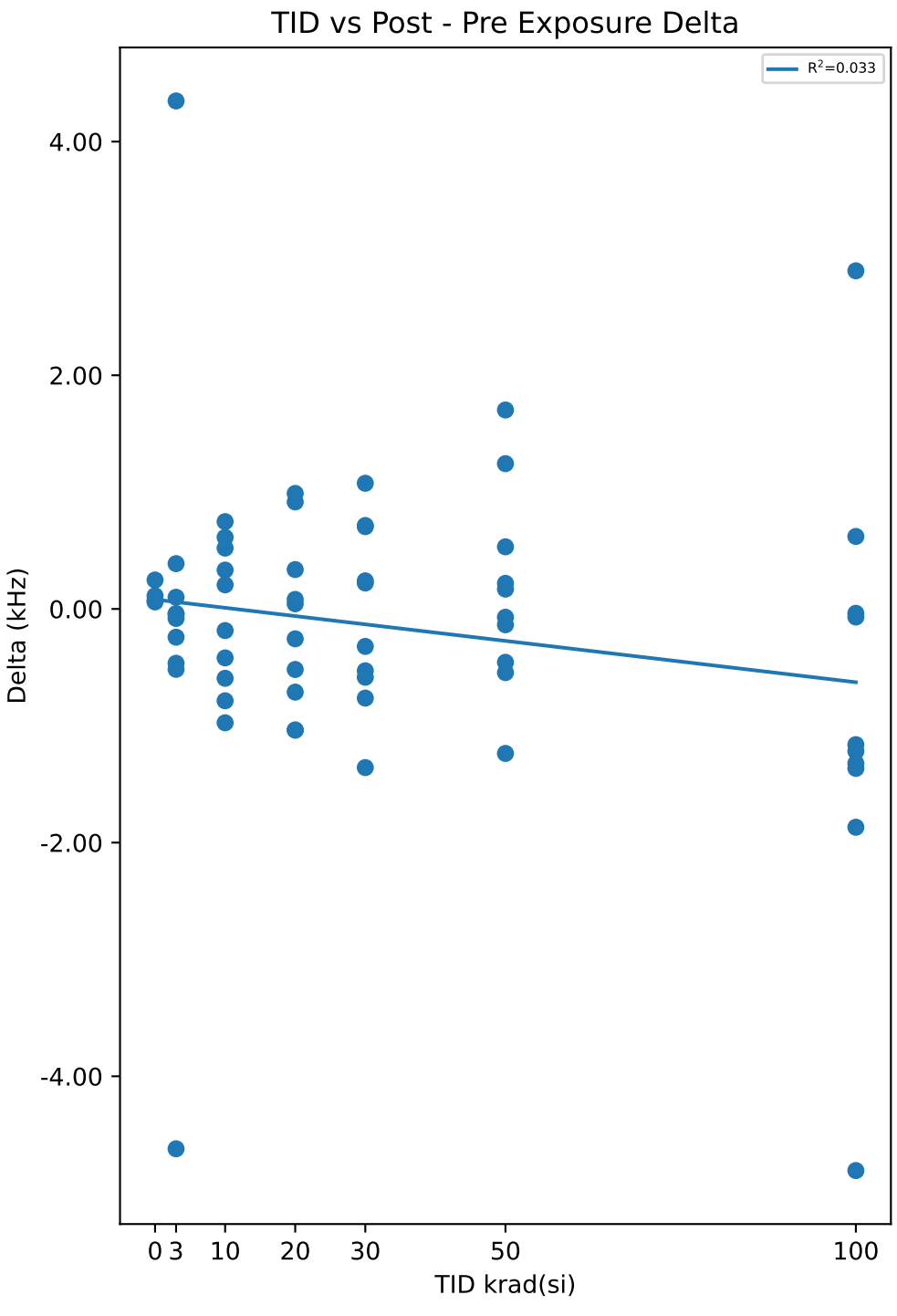
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.96	499.92	-0.0424
2	3	LDR BIAS	499.87	499.89	0.0222
3	3	LDR BIAS	499.8	499.81	0.0118
4	3	LDR BIAS	499.86	499.84	-0.0256
5	3	LDR BIAS	499.9	499.97	0.0622
6	3	LDR UNBIAS	499.87	499.83	-0.035
7	3	LDR UNBIAS	499.83	499.81	-0.0173
8	3	LDR UNBIAS	499.83	499.84	0.0025
9	3	LDR UNBIAS	499.97	499.9	-0.0696
10	3	LDR UNBIAS	499.88	499.83	-0.0449
11	0	CORRELATION	499.85	499.95	0.1069
12	0	CORRELATION	499.83	499.99	0.1561
13	0	CORRELATION	499.97	500.01	0.0448
14	0	CORRELATION	499.84	499.96	0.1272
21	10	LDR BIAS	499.96	499.98	0.0139
22	10	LDR BIAS	499.87	499.99	0.1169
23	10	LDR BIAS	499.8	499.99	0.1875
24	10	LDR BIAS	499.86	499.99	0.1249
25	10	LDR BIAS	499.9	500.05	0.1416
26	10	LDR UNBIAS	499.87	499.98	0.1116
27	10	LDR UNBIAS	499.83	500.04	0.2097
28	10	LDR UNBIAS	499.83	499.98	0.1494
29	10	LDR UNBIAS	499.97	499.96	-0.0097
30	10	LDR UNBIAS	499.88	500	0.123
31	20	LDR BIAS	499.96	499.99	0.0281
32	20	LDR BIAS	499.87	500.01	0.1387
33	20	LDR BIAS	499.8	499.99	0.1909
34	20	LDR BIAS	499.86	500.01	0.1447
35	20	LDR BIAS	499.9	499.96	0.0601
36	20	LDR UNBIAS	499.87	499.98	0.1093
37	20	LDR UNBIAS	499.83	500.03	0.199
38	20	LDR UNBIAS	499.83	500	0.1649
39	20	LDR UNBIAS	499.97	499.95	-0.0175
40	20	LDR UNBIAS	499.88	499.16	-0.7242
41	30	LDR BIAS	499.96	499.95	-0.012
42	30	LDR BIAS	499.87	500.02	0.1531
43	30	LDR BIAS	499.8	499.97	0.1745
44	30	LDR BIAS	499.86	500	0.1375
45	30	LDR BIAS	499.9	500	0.0919
46	30	LDR UNBIAS	499.87	499.99	0.1203
47	30	LDR UNBIAS	499.83	499.98	0.1542
48	30	LDR UNBIAS	499.83	499.96	0.1266
49	30	LDR UNBIAS	499.97	499.96	-0.0119
50	30	LDR UNBIAS	499.88	500.01	0.1352
51	50	LDR BIAS	499.96	499.85	-0.1183
52	50	LDR BIAS	499.87	499.85	-0.0227
53	50	LDR BIAS	499.8	499.89	0.0858
54	50	LDR BIAS	499.86	499.89	0.0289
55	50	LDR BIAS	499.9	499.87	-0.0341
56	50	LDR UNBIAS	499.87	499.86	-0.0105
57	50	LDR UNBIAS	499.83	499.84	0.0145
58	50	LDR UNBIAS	499.83	499.84	0.0054
59	50	LDR UNBIAS	499.97	499.89	-0.0844
60	50	LDR UNBIAS	499.88	499.89	0.0096
61	100	LDR BIAS	499.96	499.86	-0.1047
62	100	LDR BIAS	499.87	499.84	-0.0346
63	100	LDR BIAS	499.8	499.87	0.0725
64	100	LDR BIAS	499.86	499.82	-0.0421
65	100	LDR BIAS	499.9	499.83	-0.0763
66	100	LDR UNBIAS	499.87	499.86	-0.0081
67	100	LDR UNBIAS	499.83	499.86	0.0342
68	100	LDR UNBIAS	499.83	499.86	0.024
69	100	LDR UNBIAS	499.97	499.87	-0.1038
70	100	LDR UNBIAS	499.88	499.83	-0.045

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.83	499.87	499.97	0.064675	499.95	499.98	500.01	0.026338	0.0448	0.10875	0.1561	0.047171
3	499.8	499.88	499.97	0.055562	499.81	499.86	499.97	0.052716	-0.0696	-0.01361	0.0622	0.038719
10	499.8	499.88	499.97	0.055562	499.96	500	500.05	0.02654	-0.0097	0.11688	0.2097	0.068336
20	499.8	499.88	499.97	0.055562	499.16	499.91	500.03	0.26517	-0.7242	0.0294	0.199	0.27404
30	499.8	499.88	499.97	0.055562	499.95	499.99	500.02	0.024292	-0.012	0.10694	0.1745	0.066435
50	499.8	499.88	499.97	0.055562	499.84	499.87	499.89	0.021547	-0.1183	-0.01258	0.0858	0.057593
100	499.8	499.88	499.97	0.055562	499.82	499.85	499.87	0.017793	-0.1047	-0.02839	0.0725	0.059217

Device Test: 20.93 LEVEL|FREQ/RT/14/14/0/1000/5/500kHz//@FSW_EXT_RT_C





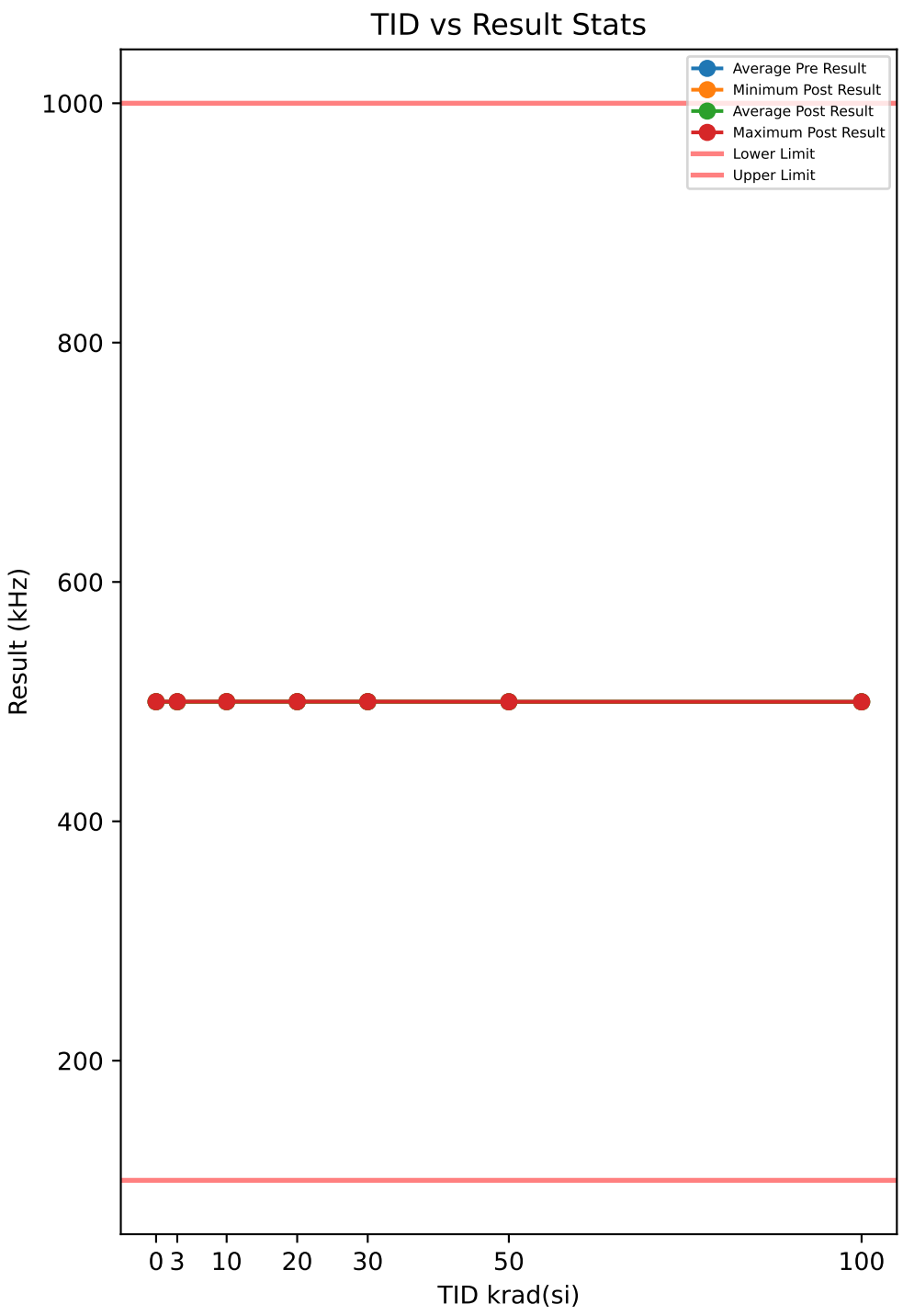
Test Results (Lower Limit = 450.0, Upper Limit = 550.0 (kHz))

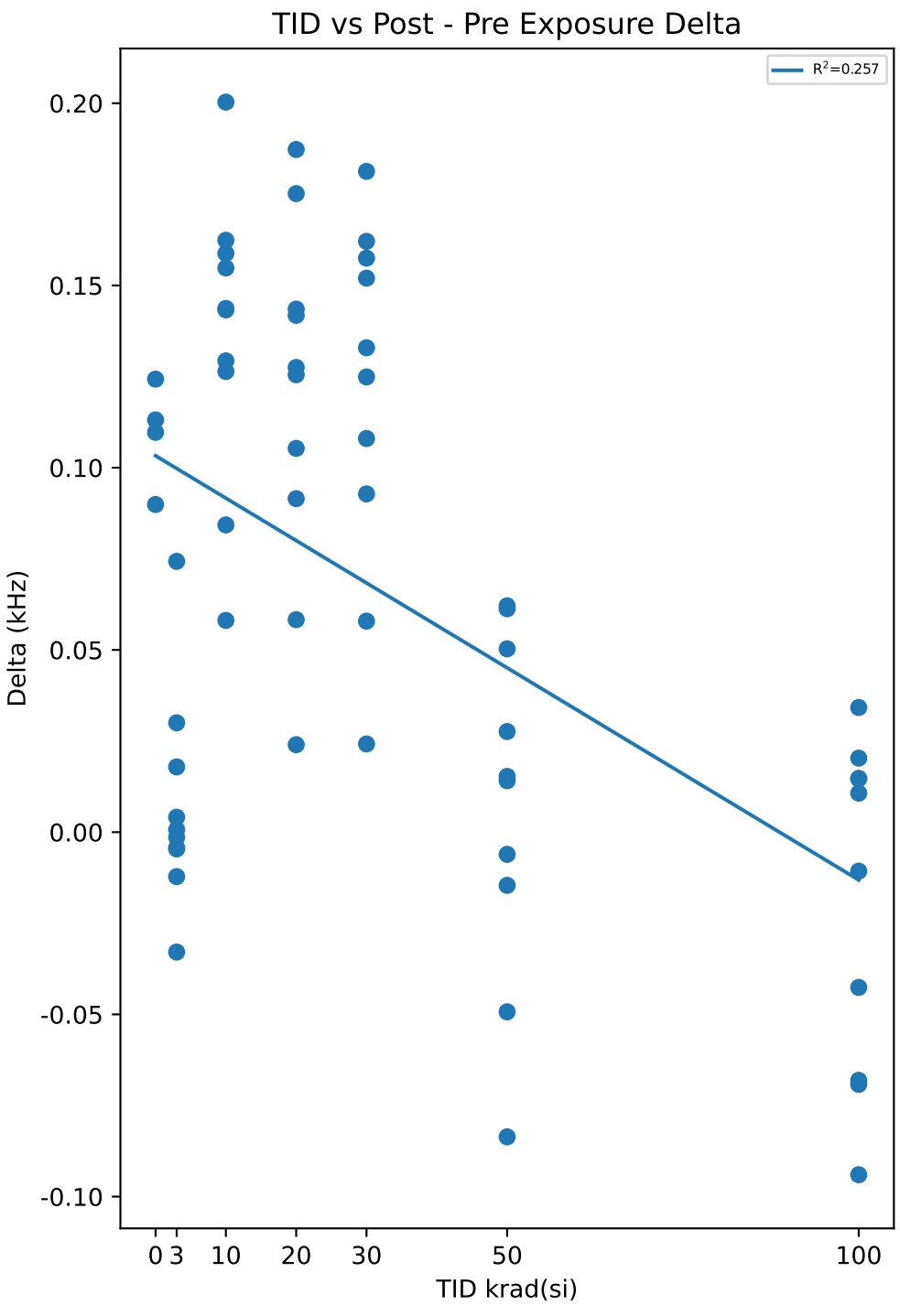
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	498.77	499.16	0.3878
2	3	LDR BIAS	498.92	494.3	-4.6207
3	3	LDR BIAS	494.23	498.58	4.3481
4	3	LDR BIAS	498.53	498.01	-0.5167
5	3	LDR BIAS	498.38	498.34	-0.0395
6	3	LDR UNBIAS	496.53	496.63	0.1001
7	3	LDR UNBIAS	498.69	498.22	-0.4648
8	3	LDR UNBIAS	500.96	500.88	-0.0813
9	3	LDR UNBIAS	503.26	503.02	-0.2417
10	3	LDR UNBIAS	500.13	500.08	-0.0475
11	0	CORRELATION	492.29	492.41	0.1131
12	0	CORRELATION	494.05	494.3	0.2477
13	0	CORRELATION	499.56	499.64	0.0731
14	0	CORRELATION	496.73	496.79	0.0603
21	10	LDR BIAS	498.77	499.29	0.5208
22	10	LDR BIAS	498.92	499.25	0.3326
23	10	LDR BIAS	494.23	494.84	0.6126
24	10	LDR BIAS	498.53	498.73	0.2062
25	10	LDR BIAS	498.38	497.96	-0.4191
26	10	LDR UNBIAS	496.53	495.93	-0.5936
27	10	LDR UNBIAS	498.69	497.9	-0.7861
28	10	LDR UNBIAS	500.96	501.71	0.7473
29	10	LDR UNBIAS	503.26	502.29	-0.9743
30	10	LDR UNBIAS	500.13	499.94	-0.1852
31	20	LDR BIAS	498.77	499.69	0.9159
32	20	LDR BIAS	498.92	499	0.0816
33	20	LDR BIAS	494.23	495.22	0.9886
34	20	LDR BIAS	498.53	498.27	-0.2557
35	20	LDR BIAS	498.38	497.67	-0.7119
36	20	LDR UNBIAS	496.53	495.49	-1.036
37	20	LDR UNBIAS	498.69	498.17	-0.5183
38	20	LDR UNBIAS	500.96	501.01	0.0441
39	20	LDR UNBIAS	503.26	502.22	-1.0371
40	20	LDR UNBIAS	500.13	500.46	0.3371
41	30	LDR BIAS	498.77	499.85	1.0757
42	30	LDR BIAS	498.92	499.16	0.2403
43	30	LDR BIAS	494.23	494.93	0.7044
44	30	LDR BIAS	498.53	497.17	-1.3577
45	30	LDR BIAS	498.38	498.06	-0.3208
46	30	LDR UNBIAS	496.53	495.94	-0.5845
47	30	LDR UNBIAS	498.69	497.92	-0.7631
48	30	LDR UNBIAS	500.96	501.19	0.222
49	30	LDR UNBIAS	503.26	502.73	-0.5295
50	30	LDR UNBIAS	500.13	500.84	0.7143
51	50	LDR BIAS	498.77	500.48	1.7027
52	50	LDR BIAS	498.92	498.79	-0.1354
53	50	LDR BIAS	494.23	494.76	0.5318
54	50	LDR BIAS	498.53	498.45	-0.0711
55	50	LDR BIAS	498.38	497.92	-0.4568
56	50	LDR UNBIAS	496.53	496.75	0.2192
57	50	LDR UNBIAS	498.69	497.45	-1.2366
58	50	LDR UNBIAS	500.96	501.13	0.1699
59	50	LDR UNBIAS	503.26	502.71	-0.5449
60	50	LDR UNBIAS	500.13	501.37	1.2436
61	100	LDR BIAS	498.77	501.67	2.8941
62	100	LDR BIAS	498.92	497.56	-1.3649
63	100	LDR BIAS	494.23	494.16	-0.0691
64	100	LDR BIAS	498.53	496.66	-1.8685
65	100	LDR BIAS	498.38	499	0.6204
66	100	LDR UNBIAS	496.53	495.31	-1.2178
67	100	LDR UNBIAS	498.69	497.53	-1.1614
68	100	LDR UNBIAS	500.96	500.93	-0.0375
69	100	LDR UNBIAS	503.26	501.94	-1.3219
70	100	LDR UNBIAS	500.13	495.32	-4.807

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	492.29	495.66	499.56	3.1767	492.41	495.78	499.64	3.1326	0.0603	0.12355	0.2477	0.085767
3	494.23	498.84	503.26	2.4187	494.3	498.72	503.02	2.3576	-4.6207	-0.11762	4.3481	2.13
10	494.23	498.84	503.26	2.4187	494.84	498.79	502.29	2.3039	-0.9743	-0.05388	0.7473	0.61991
20	494.23	498.84	503.26	2.4187	495.22	498.72	502.22	2.2575	-1.0371	-0.11917	0.9886	0.72924
30	494.23	498.84	503.26	2.4187	494.93	498.78	502.73	2.4409	-1.3577	-0.05989	1.0757	0.77354
50	494.23	498.84	503.26	2.4187	494.76	498.98	502.71	2.4288	-1.2366	0.14224	1.7027	0.86032
100	494.23	498.84	503.26	2.4187	494.16	498.01	501.94	2.7873	-4.807	-0.83336	2.8941	1.9682

Device Test: 20.94 LEVEL|FREQ/SYNC/14/14/0/1000/5/500kHz//@FREQ_SYNC_EXT





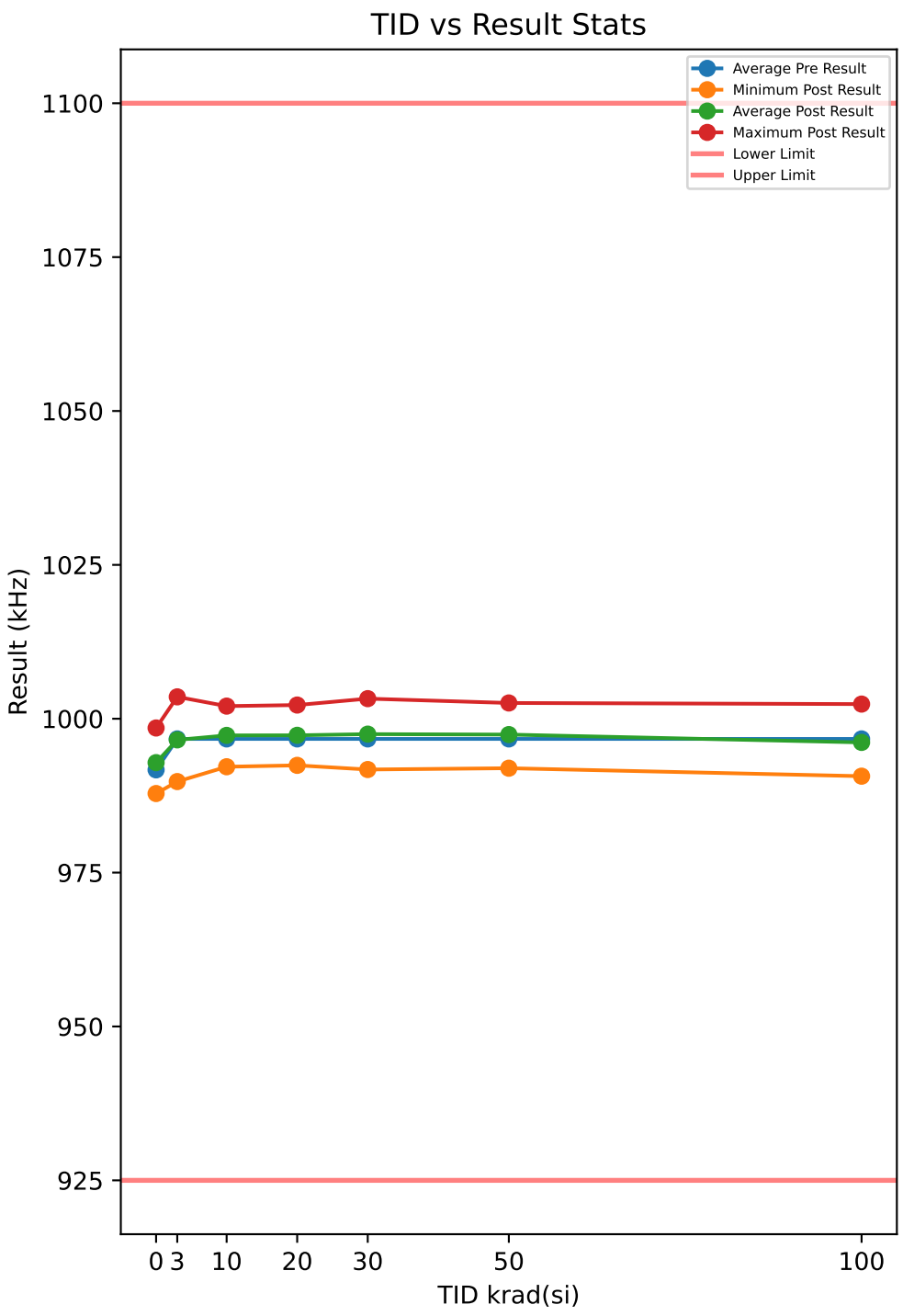
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

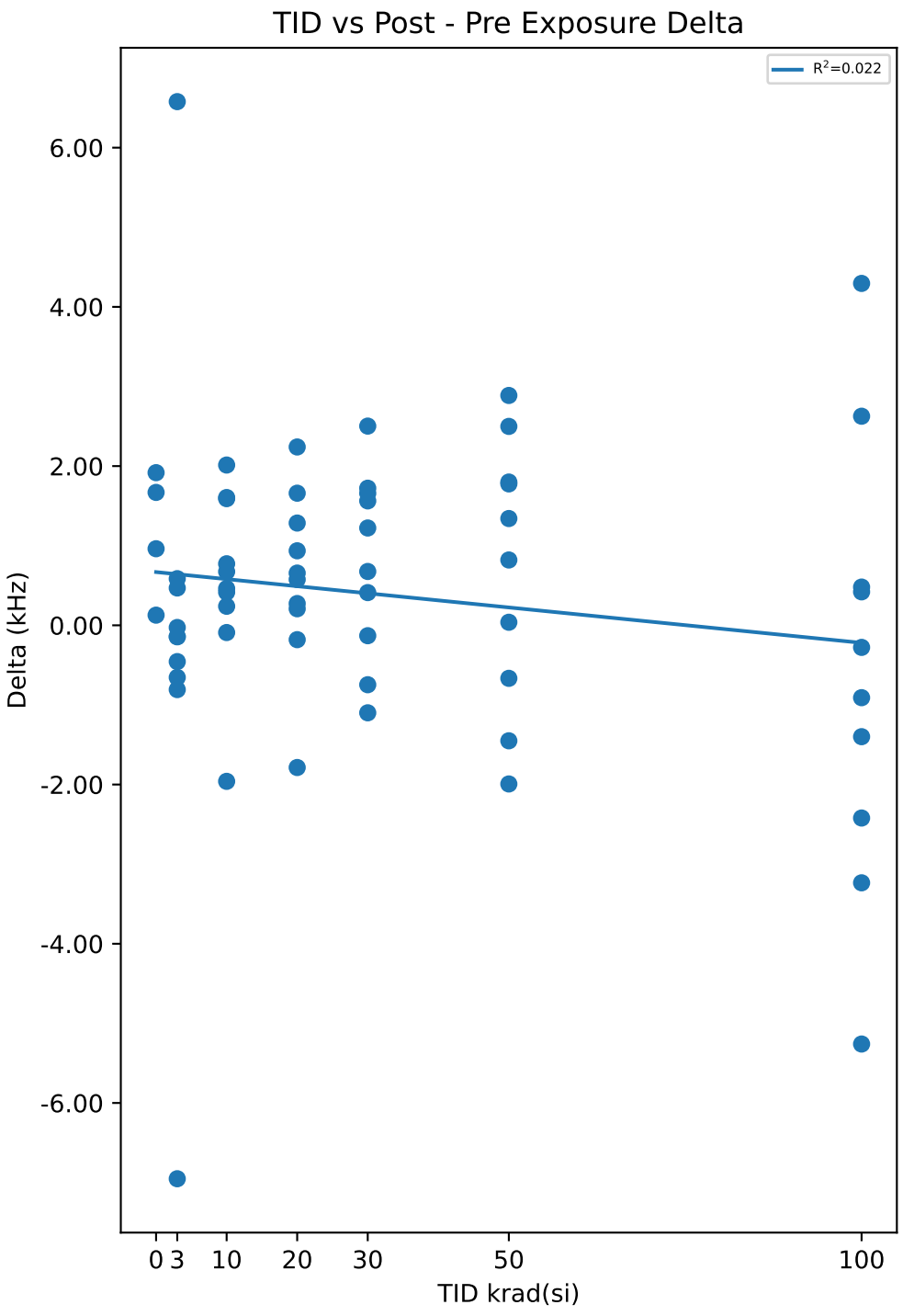
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	499.9	499.89	-0.0122
2	3	LDR BIAS	499.83	499.82	-0.0043
3	3	LDR BIAS	499.83	499.83	0.0007
4	3	LDR BIAS	499.83	499.84	0.0041
5	3	LDR BIAS	499.93	500.01	0.0743
6	3	LDR UNBIAS	499.87	499.87	-0.0014
7	3	LDR UNBIAS	499.84	499.84	-0.0046
8	3	LDR UNBIAS	499.84	499.87	0.03
9	3	LDR UNBIAS	499.9	499.92	0.0179
10	3	LDR UNBIAS	499.87	499.84	-0.0329
11	0	CORRELATION	499.82	499.95	0.1243
12	0	CORRELATION	499.87	499.98	0.1097
13	0	CORRELATION	499.89	499.98	0.0899
14	0	CORRELATION	499.86	499.97	0.1131
21	10	LDR BIAS	499.9	499.96	0.0581
22	10	LDR BIAS	499.83	499.97	0.1437
23	10	LDR BIAS	499.83	500.03	0.2003
24	10	LDR BIAS	499.83	499.99	0.1588
25	10	LDR BIAS	499.93	500.02	0.0843
26	10	LDR UNBIAS	499.87	500.03	0.1624
27	10	LDR UNBIAS	499.84	499.99	0.1433
28	10	LDR UNBIAS	499.84	500	0.1548
29	10	LDR UNBIAS	499.9	500.03	0.1264
30	10	LDR UNBIAS	499.87	500	0.1293
31	20	LDR BIAS	499.9	499.96	0.0583
32	20	LDR BIAS	499.83	499.97	0.1418
33	20	LDR BIAS	499.83	500.02	0.1873
34	20	LDR BIAS	499.83	499.96	0.1275
35	20	LDR BIAS	499.93	499.96	0.024
36	20	LDR UNBIAS	499.87	499.98	0.1053
37	20	LDR UNBIAS	499.84	500.02	0.1752
38	20	LDR UNBIAS	499.84	499.97	0.1255
39	20	LDR UNBIAS	499.9	499.99	0.0915
40	20	LDR UNBIAS	499.87	500.02	0.1435
41	30	LDR BIAS	499.9	499.96	0.0579
42	30	LDR BIAS	499.83	499.99	0.1621
43	30	LDR BIAS	499.83	500.01	0.1813
44	30	LDR BIAS	499.83	499.99	0.1575
45	30	LDR BIAS	499.93	499.96	0.0242
46	30	LDR UNBIAS	499.87	500.02	0.152
47	30	LDR UNBIAS	499.84	499.98	0.1329
48	30	LDR UNBIAS	499.84	499.97	0.1249
49	30	LDR UNBIAS	499.9	499.99	0.0928
50	30	LDR UNBIAS	499.87	499.98	0.108
51	50	LDR BIAS	499.9	499.88	-0.0146
52	50	LDR BIAS	499.83	499.85	0.0276
53	50	LDR BIAS	499.83	499.89	0.0613
54	50	LDR BIAS	499.83	499.85	0.0141
55	50	LDR BIAS	499.93	499.85	-0.0836
56	50	LDR UNBIAS	499.87	499.89	0.0153
57	50	LDR UNBIAS	499.84	499.9	0.0621
58	50	LDR UNBIAS	499.84	499.89	0.0503
59	50	LDR UNBIAS	499.9	499.85	-0.0493
60	50	LDR UNBIAS	499.87	499.87	-0.0061
61	100	LDR BIAS	499.9	499.83	-0.0681
62	100	LDR BIAS	499.83	499.84	0.0147
63	100	LDR BIAS	499.83	499.84	0.0107
64	100	LDR BIAS	499.83	499.87	0.0342
65	100	LDR BIAS	499.93	499.84	-0.094
66	100	LDR UNBIAS	499.87	499.83	-0.0426
67	100	LDR UNBIAS	499.84	499.86	0.0147
68	100	LDR UNBIAS	499.84	499.86	0.0203
69	100	LDR UNBIAS	499.9	499.83	-0.0692
70	100	LDR UNBIAS	499.87	499.86	-0.0107

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	499.82	499.86	499.89	0.028208	499.95	499.97	499.98	0.014675	0.0899	0.10925	0.1243	0.014329
3	499.83	499.86	499.93	0.035849	499.82	499.87	500.01	0.055578	-0.0329	0.00716	0.0743	0.028903
10	499.83	499.86	499.93	0.035849	499.96	500	500.03	0.025738	0.0581	0.13614	0.2003	0.040408
20	499.83	499.86	499.93	0.035849	499.96	499.98	500.02	0.025561	0.024	0.11799	0.1873	0.050223
30	499.83	499.86	499.93	0.035849	499.96	499.98	500.02	0.021779	0.0242	0.11936	0.1813	0.049514
50	499.83	499.86	499.93	0.035849	499.85	499.87	499.9	0.021455	-0.0836	0.00771	0.0621	0.047626
100	499.83	499.86	499.93	0.035849	499.83	499.85	499.87	0.01546	-0.094	-0.019	0.0342	0.045595

Device Test: 20.95 LEVEL|FREQ/RT/4.5/4.5/0/1000/4.5/1MHz//@FSW_EXT_RT_D





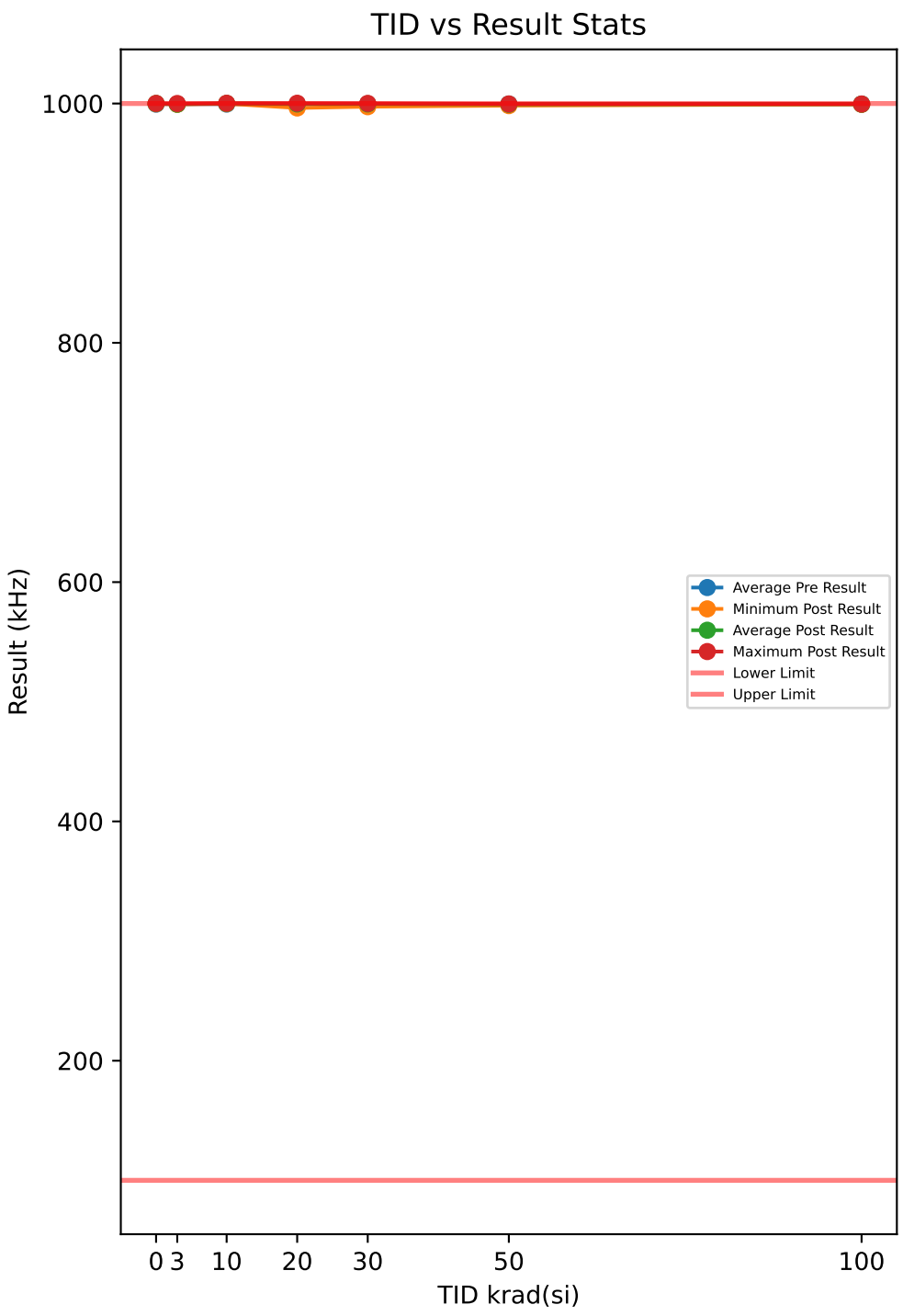
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	998.09	998.67	0.5858
2	3	LDR BIAS	996.74	989.79	-6.9519
3	3	LDR BIAS	990.19	996.76	6.578
4	3	LDR BIAS	997.65	997	-0.6547
5	3	LDR BIAS	995.69	995.66	-0.0273
6	3	LDR UNBIAS	992.44	992.91	0.469
7	3	LDR UNBIAS	994.51	993.71	-0.8074
8	3	LDR UNBIAS	999.74	999.6	-0.1413
9	3	LDR UNBIAS	1004	1003.6	-0.4559
10	3	LDR UNBIAS	998.15	998.01	-0.1443
11	0	CORRELATION	986.89	987.85	0.9618
12	0	CORRELATION	990.61	990.73	0.1277
13	0	CORRELATION	996.83	998.5	1.6693
14	0	CORRELATION	992.47	994.38	1.9173
21	10	LDR BIAS	998.09	999.68	1.5909
22	10	LDR BIAS	996.74	998.35	1.6051
23	10	LDR BIAS	990.19	992.2	2.0133
24	10	LDR BIAS	997.65	998.12	0.462
25	10	LDR BIAS	995.69	995.92	0.2392
26	10	LDR UNBIAS	992.44	993.11	0.6743
27	10	LDR UNBIAS	994.51	994.42	-0.0908
28	10	LDR UNBIAS	999.74	1000.5	0.773
29	10	LDR UNBIAS	1004	1002.1	-1.96
30	10	LDR UNBIAS	998.15	998.57	0.416
31	20	LDR BIAS	998.09	999.75	1.6595
32	20	LDR BIAS	996.74	998.03	1.2846
33	20	LDR BIAS	990.19	992.43	2.2401
34	20	LDR BIAS	997.65	998.23	0.5758
35	20	LDR BIAS	995.69	995.96	0.2735
36	20	LDR UNBIAS	992.44	992.65	0.2079
37	20	LDR UNBIAS	994.51	994.33	-0.1803
38	20	LDR UNBIAS	999.74	1000.4	0.6561
39	20	LDR UNBIAS	1004	1002.2	-1.7863
40	20	LDR UNBIAS	998.15	999.09	0.936
41	30	LDR BIAS	998.09	1000.6	2.5024
42	30	LDR BIAS	996.74	998.47	1.7222
43	30	LDR BIAS	990.19	991.75	1.5627
44	30	LDR BIAS	997.65	996.55	-1.0991
45	30	LDR BIAS	995.69	996.91	1.2225
46	30	LDR UNBIAS	992.44	993.12	0.6761
47	30	LDR UNBIAS	994.51	994.38	-0.1306
48	30	LDR UNBIAS	999.74	1000.1	0.4109
49	30	LDR UNBIAS	1004	1003.3	-0.7463
50	30	LDR UNBIAS	998.15	999.81	1.6581
51	50	LDR BIAS	998.09	1001	2.8873
52	50	LDR BIAS	996.74	998.08	1.3413
53	50	LDR BIAS	990.19	991.96	1.7763
54	50	LDR BIAS	997.65	997.69	0.0383
55	50	LDR BIAS	995.69	996.51	0.8206
56	50	LDR UNBIAS	992.44	994.24	1.7996
57	50	LDR UNBIAS	994.51	992.52	-1.9929
58	50	LDR UNBIAS	999.74	999.07	-0.666
59	50	LDR UNBIAS	1004	1002.6	-1.4507
60	50	LDR UNBIAS	998.15	1000.7	2.4985
61	100	LDR BIAS	998.09	1002.4	4.2946
62	100	LDR BIAS	996.74	996.47	-0.2773
63	100	LDR BIAS	990.19	990.67	0.4802
64	100	LDR BIAS	997.65	995.23	-2.4207
65	100	LDR BIAS	995.69	998.31	2.6265
66	100	LDR UNBIAS	992.44	992.86	0.4204
67	100	LDR UNBIAS	994.51	993.11	-1.399
68	100	LDR UNBIAS	999.74	998.83	-0.909
69	100	LDR UNBIAS	1004	1000.8	-3.2345
70	100	LDR UNBIAS	998.15	992.89	-5.2597

Test Statistics (kHz)

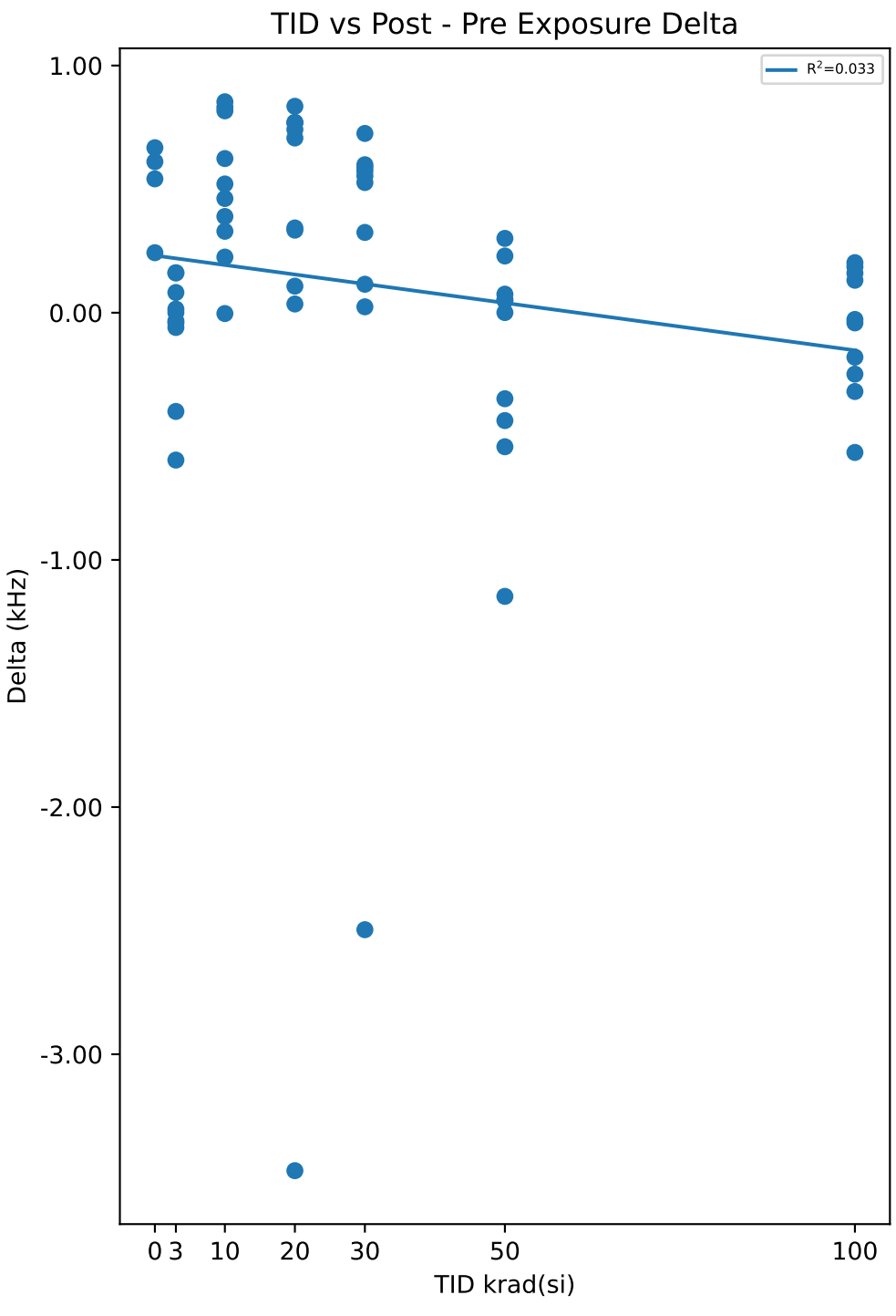
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	986.89	991.7	996.83	4.1337	987.85	992.87	998.5	4.6099	0.1277	1.169	1.9173	0.80364
3	990.19	996.72	1004	3.8587	989.79	996.57	1003.6	3.8448	-6.9519	-0.155	6.578	3.2189
10	990.19	996.72	1004	3.8587	992.2	997.29	1002.1	3.2593	-1.96	0.5723	2.0133	1.1171
20	990.19	996.72	1004	3.8587	992.43	997.31	1002.2	3.3399	-1.7863	0.58669	2.2401	1.1035
30	990.19	996.72	1004	3.8587	991.75	997.5	1003.3	3.641	-1.0991	0.77789	2.5024	1.1677
50	990.19	996.72	1004	3.8587	991.96	997.43	1002.6	3.6128	-1.9929	0.70523	2.8873	1.6664
100	990.19	996.72	1004	3.8587	990.67	996.15	1002.4	3.8547	-5.2597	-0.56785	4.2946	2.7763

Device Test: 20.96 LEVEL|FREQ/SYNC/4.5/4.5/0/1000/4.5/1MHz//@FREQ_SYNC_EXT



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

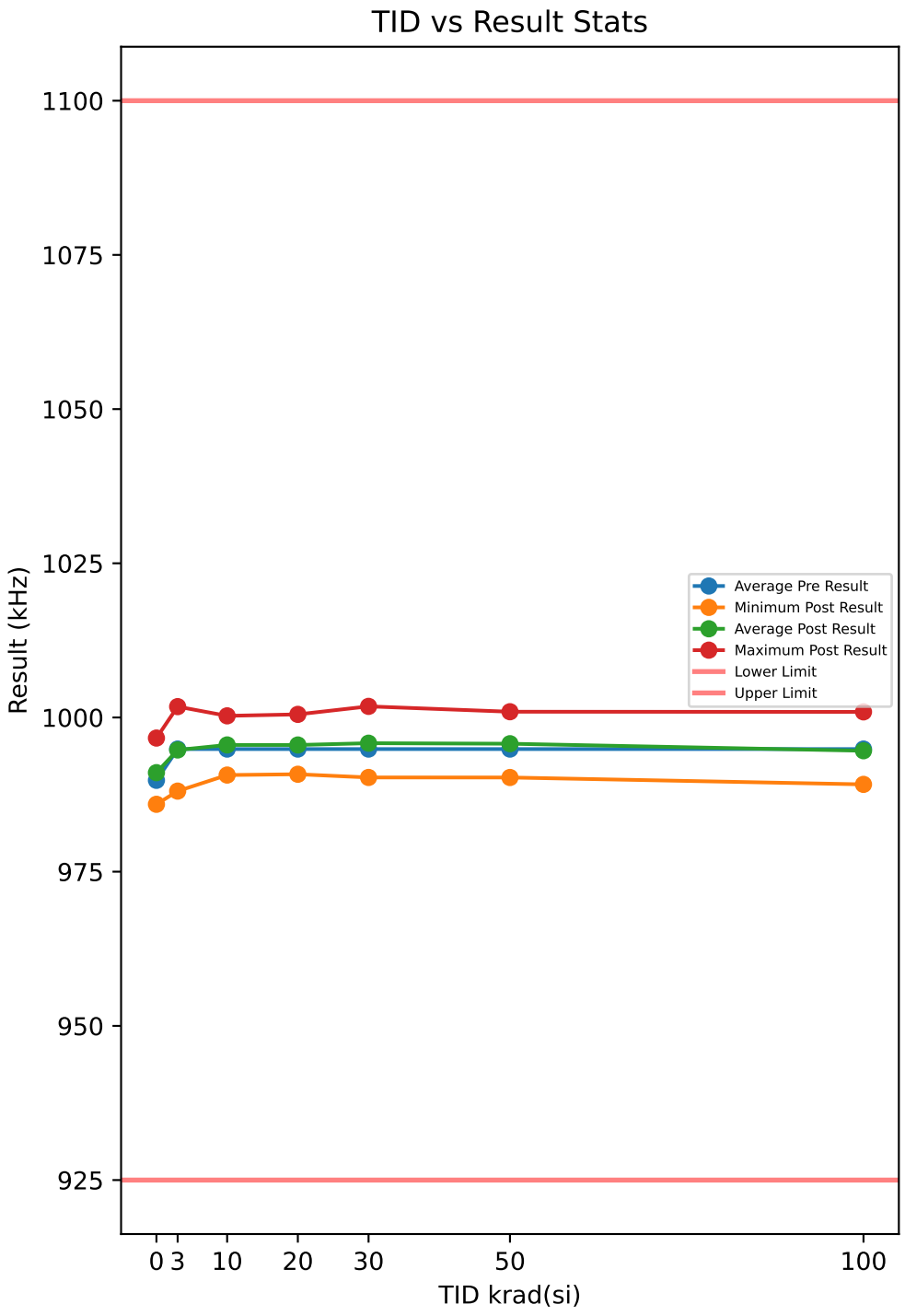
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.95	999.35	-0.5962
2	3	LDR BIAS	999.4	999.48	0.0818
3	3	LDR BIAS	999.39	999.33	-0.0597
4	3	LDR BIAS	999.56	999.57	0.0147
5	3	LDR BIAS	999.77	999.37	-0.3994
6	3	LDR UNBIAS	999.31	999.47	0.1616
7	3	LDR UNBIAS	999.37	999.34	-0.0332
8	3	LDR UNBIAS	999.56	999.52	-0.0414
9	3	LDR UNBIAS	999.84	1000	0.1611
10	3	LDR UNBIAS	999.35	999.35	0.0007
11	0	CORRELATION	999.14	999.81	0.6675
12	0	CORRELATION	999.55	1000.1	0.5416
13	0	CORRELATION	999.83	1000.1	0.2428
14	0	CORRELATION	999.47	1000.1	0.611
21	10	LDR BIAS	999.95	999.94	-0.0033
22	10	LDR BIAS	999.4	999.86	0.4621
23	10	LDR BIAS	999.39	1000.2	0.8317
24	10	LDR BIAS	999.56	999.95	0.3894
25	10	LDR BIAS	999.77	999.99	0.2251
26	10	LDR UNBIAS	999.31	1000.2	0.8534
27	10	LDR UNBIAS	999.37	1000	0.6237
28	10	LDR UNBIAS	999.56	1000.1	0.5209
29	10	LDR UNBIAS	999.84	1000.2	0.3295
30	10	LDR UNBIAS	999.35	1000.2	0.8168
31	20	LDR BIAS	999.95	999.98	0.0353
32	20	LDR BIAS	999.4	1000.1	0.7069
33	20	LDR BIAS	999.39	1000.2	0.8351
34	20	LDR BIAS	999.56	999.89	0.3341
35	20	LDR BIAS	999.77	996.29	-3.471
36	20	LDR UNBIAS	999.31	1000.1	0.768
37	20	LDR UNBIAS	999.37	1000.1	0.7414
38	20	LDR UNBIAS	999.56	999.9	0.3429
39	20	LDR UNBIAS	999.84	999.95	0.1075
40	20	LDR UNBIAS	999.35	1000.1	0.7705
41	30	LDR BIAS	999.95	1000.1	0.1152
42	30	LDR BIAS	999.4	999.95	0.5529
43	30	LDR BIAS	999.39	999.97	0.5731
44	30	LDR BIAS	999.56	999.88	0.3248
45	30	LDR BIAS	999.77	999.79	0.0239
46	30	LDR UNBIAS	999.31	999.91	0.5987
47	30	LDR UNBIAS	999.37	1000.1	0.7253
48	30	LDR UNBIAS	999.56	1000.1	0.5267
49	30	LDR UNBIAS	999.84	997.34	-2.4961
50	30	LDR UNBIAS	999.35	999.94	0.5879
51	50	LDR BIAS	999.95	999.4	-0.5422
52	50	LDR BIAS	999.4	998.25	-1.1476
53	50	LDR BIAS	999.39	999.39	0.0007
54	50	LDR BIAS	999.56	999.63	0.0751
55	50	LDR BIAS	999.77	999.42	-0.348
56	50	LDR UNBIAS	999.31	999.61	0.3007
57	50	LDR UNBIAS	999.37	999.6	0.2295
58	50	LDR UNBIAS	999.56	999.61	0.0496
59	50	LDR UNBIAS	999.84	999.4	-0.4363
60	50	LDR UNBIAS	999.35	999.4	0.0533
61	100	LDR BIAS	999.95	999.38	-0.5653
62	100	LDR BIAS	999.4	999.53	0.1314
63	100	LDR BIAS	999.39	999.55	0.16
64	100	LDR BIAS	999.56	999.38	-0.1798
65	100	LDR BIAS	999.77	999.52	-0.2485
66	100	LDR UNBIAS	999.31	999.5	0.1859
67	100	LDR UNBIAS	999.37	999.57	0.2026
68	100	LDR UNBIAS	999.56	999.53	-0.0273
69	100	LDR UNBIAS	999.84	999.52	-0.3188
70	100	LDR UNBIAS	999.35	999.31	-0.0412

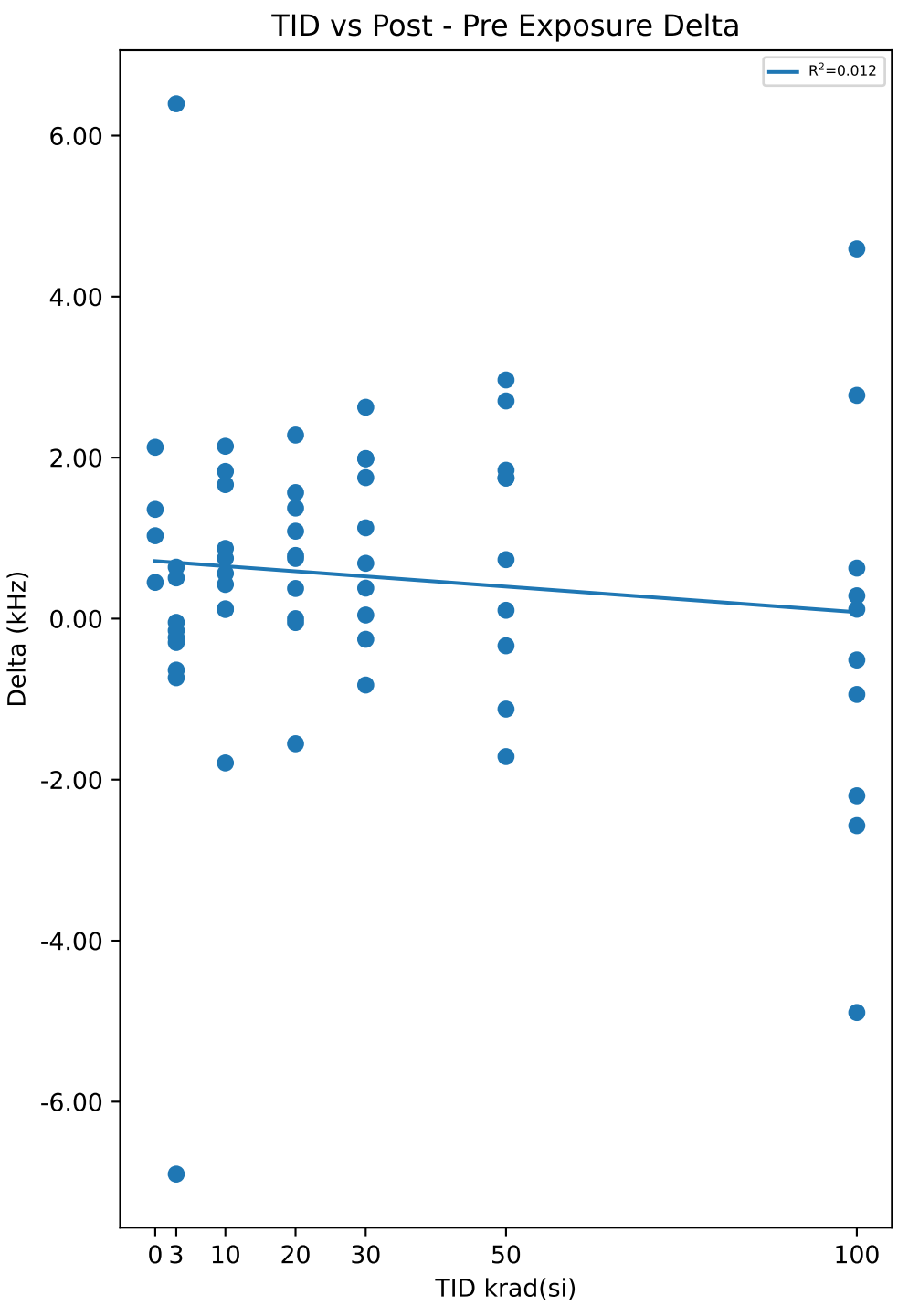


Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	999.14	999.5	999.83	0.28288	999.81	1000	1000.1	0.13732	0.2428	0.51573	0.6675	0.18909
3	999.31	999.55	999.95	0.2271	999.33	999.48	1000	0.20306	-0.5962	-0.071	0.1616	0.24265
10	999.31	999.55	999.95	0.2271	999.86	1000.1	1000.2	0.12283	-0.0033	0.50493	0.8534	0.28331
20	999.31	999.55	999.95	0.2271	996.29	999.67	1000.2	1.1898	-3.471	0.11707	0.8351	1.2946
30	999.31	999.55	999.95	0.2271	997.34	999.7	1000.1	0.83408	-2.4961	0.15324	0.7253	0.95782
50	999.31	999.55	999.95	0.2271	998.25	999.37	999.63	0.40725	-1.1476	-0.17652	0.3007	0.44283
100	999.31	999.55	999.95	0.2271	999.31	999.48	999.57	0.090154	-0.5653	-0.0701	0.2026	0.2554

Device Test: 20.97 LEVEL|FREQ/RT/5/5/0/1000/5/1MHz//@FSW_EXT_RT_D





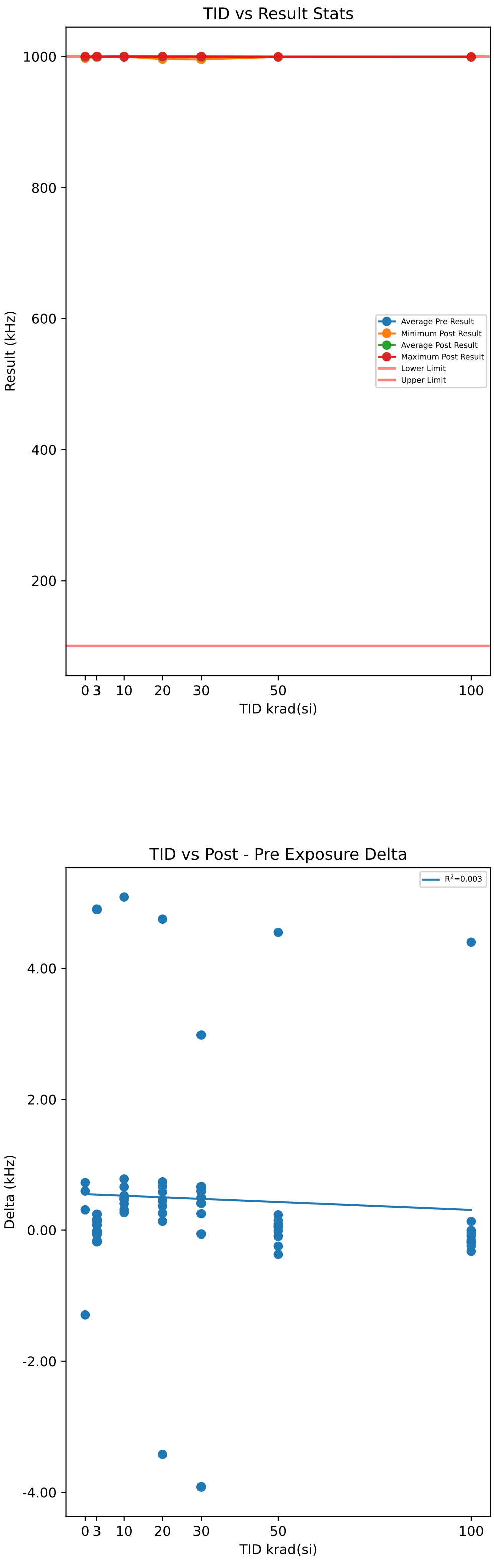
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	996.32	996.96	0.6393
2	3	LDR BIAS	994.96	988.06	-6.8997
3	3	LDR BIAS	988.52	994.92	6.396
4	3	LDR BIAS	995.58	994.94	-0.6389
5	3	LDR BIAS	994.04	993.99	-0.0461
6	3	LDR UNBIAS	990.85	991.35	0.506
7	3	LDR UNBIAS	992.55	991.82	-0.7333
8	3	LDR UNBIAS	997.81	997.58	-0.2345
9	3	LDR UNBIAS	1002.1	1001.8	-0.2961
10	3	LDR UNBIAS	996.1	995.95	-0.1475
11	0	CORRELATION	984.89	985.92	1.0301
12	0	CORRELATION	988.43	988.88	0.4505
13	0	CORRELATION	995.31	996.66	1.3569
14	0	CORRELATION	990.61	992.74	2.1282
21	10	LDR BIAS	996.32	997.98	1.6645
22	10	LDR BIAS	994.96	996.79	1.8288
23	10	LDR BIAS	988.52	990.67	2.1408
24	10	LDR BIAS	995.58	996.14	0.562
25	10	LDR BIAS	994.04	994.15	0.1134
26	10	LDR UNBIAS	990.85	991.6	0.7502
27	10	LDR UNBIAS	992.55	992.68	0.1223
28	10	LDR UNBIAS	997.81	998.68	0.8722
29	10	LDR UNBIAS	1002.1	1000.3	-1.7921
30	10	LDR UNBIAS	996.1	996.52	0.4252
31	20	LDR BIAS	996.32	997.88	1.5659
32	20	LDR BIAS	994.96	996.34	1.3739
33	20	LDR BIAS	988.52	990.8	2.2799
34	20	LDR BIAS	995.58	996.33	0.7477
35	20	LDR BIAS	994.04	994.41	0.3747
36	20	LDR UNBIAS	990.85	990.8	-0.0486
37	20	LDR UNBIAS	992.55	992.55	0.0001
38	20	LDR UNBIAS	997.81	998.6	0.7851
39	20	LDR UNBIAS	1002.1	1000.5	-1.5537
40	20	LDR UNBIAS	996.1	997.18	1.0864
41	30	LDR BIAS	996.32	998.94	2.6259
42	30	LDR BIAS	994.96	996.95	1.9882
43	30	LDR BIAS	988.52	990.28	1.7511
44	30	LDR BIAS	995.58	994.76	-0.8242
45	30	LDR BIAS	994.04	995.17	1.1283
46	30	LDR UNBIAS	990.85	991.22	0.3791
47	30	LDR UNBIAS	992.55	992.6	0.0448
48	30	LDR UNBIAS	997.81	998.5	0.6875
49	30	LDR UNBIAS	1002.1	1001.8	-0.2563
50	30	LDR UNBIAS	996.1	998.08	1.985
51	50	LDR BIAS	996.32	999.28	2.9653
52	50	LDR BIAS	994.96	996.71	1.7481
53	50	LDR BIAS	988.52	990.27	1.7459
54	50	LDR BIAS	995.58	995.68	0.1039
55	50	LDR BIAS	994.04	994.77	0.7331
56	50	LDR UNBIAS	990.85	992.69	1.8431
57	50	LDR UNBIAS	992.55	990.84	-1.7133
58	50	LDR UNBIAS	997.81	997.47	-0.3368
59	50	LDR UNBIAS	1002.1	1000.9	-1.1238
60	50	LDR UNBIAS	996.1	998.8	2.704
61	100	LDR BIAS	996.32	1000.9	4.5929
62	100	LDR BIAS	994.96	995.08	0.1167
63	100	LDR BIAS	988.52	989.15	0.6279
64	100	LDR BIAS	995.58	993.38	-2.2004
65	100	LDR BIAS	994.04	996.81	2.7737
66	100	LDR UNBIAS	990.85	991.13	0.2838
67	100	LDR UNBIAS	992.55	991.61	-0.9412
68	100	LDR UNBIAS	997.81	997.3	-0.5129
69	100	LDR UNBIAS	1002.1	999.49	-2.5711
70	100	LDR UNBIAS	996.1	991.2	-4.8926

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	984.89	989.81	995.31	4.3562	985.92	991.05	996.66	4.6674	0.4505	1.2414	2.1282	0.69998
3	988.52	994.88	1002.1	3.7554	988.06	994.73	1001.8	3.785	-6.8997	-0.14548	6.396	3.1637
10	988.52	994.88	1002.1	3.7554	990.67	995.55	1000.3	3.1711	-1.7921	0.66873	2.1408	1.1198
20	988.52	994.88	1002.1	3.7554	990.8	995.54	1000.5	3.3086	-1.5537	0.66114	2.2799	1.0582
30	988.52	994.88	1002.1	3.7554	990.28	995.83	1001.8	3.695	-0.8242	0.95094	2.6259	1.1279
50	988.52	994.88	1002.1	3.7554	990.27	995.75	1000.9	3.6055	-1.7133	0.86695	2.9653	1.5969
100	988.52	994.88	1002.1	3.7554	989.15	994.61	1000.9	3.9406	-4.8926	-0.27232	4.5929	2.6889

Device Test: 20.98 LEVEL|FREQ/SYNC/5/5/0/1000/5/1MHz//@FREQ_SYNC_EXT



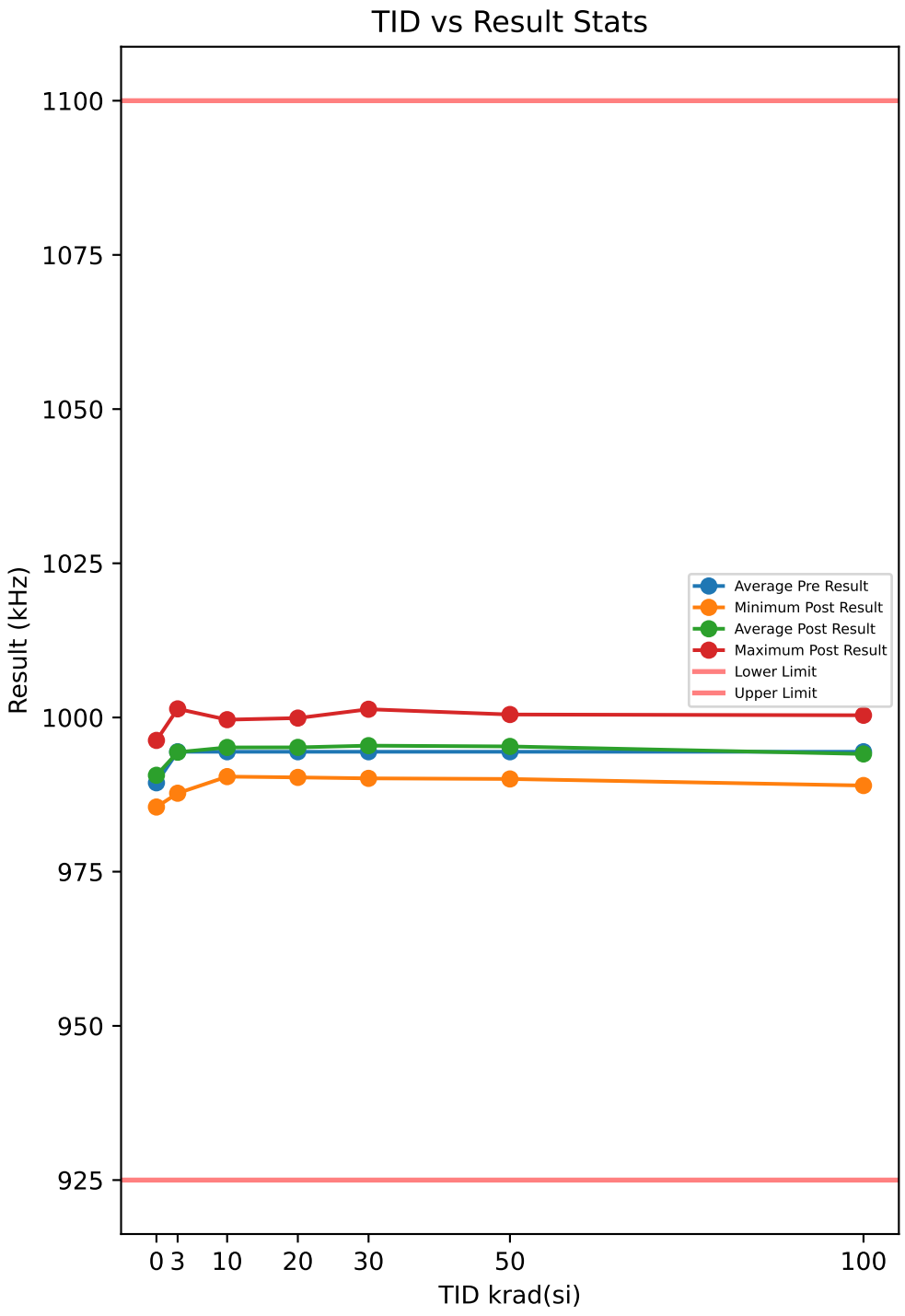
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

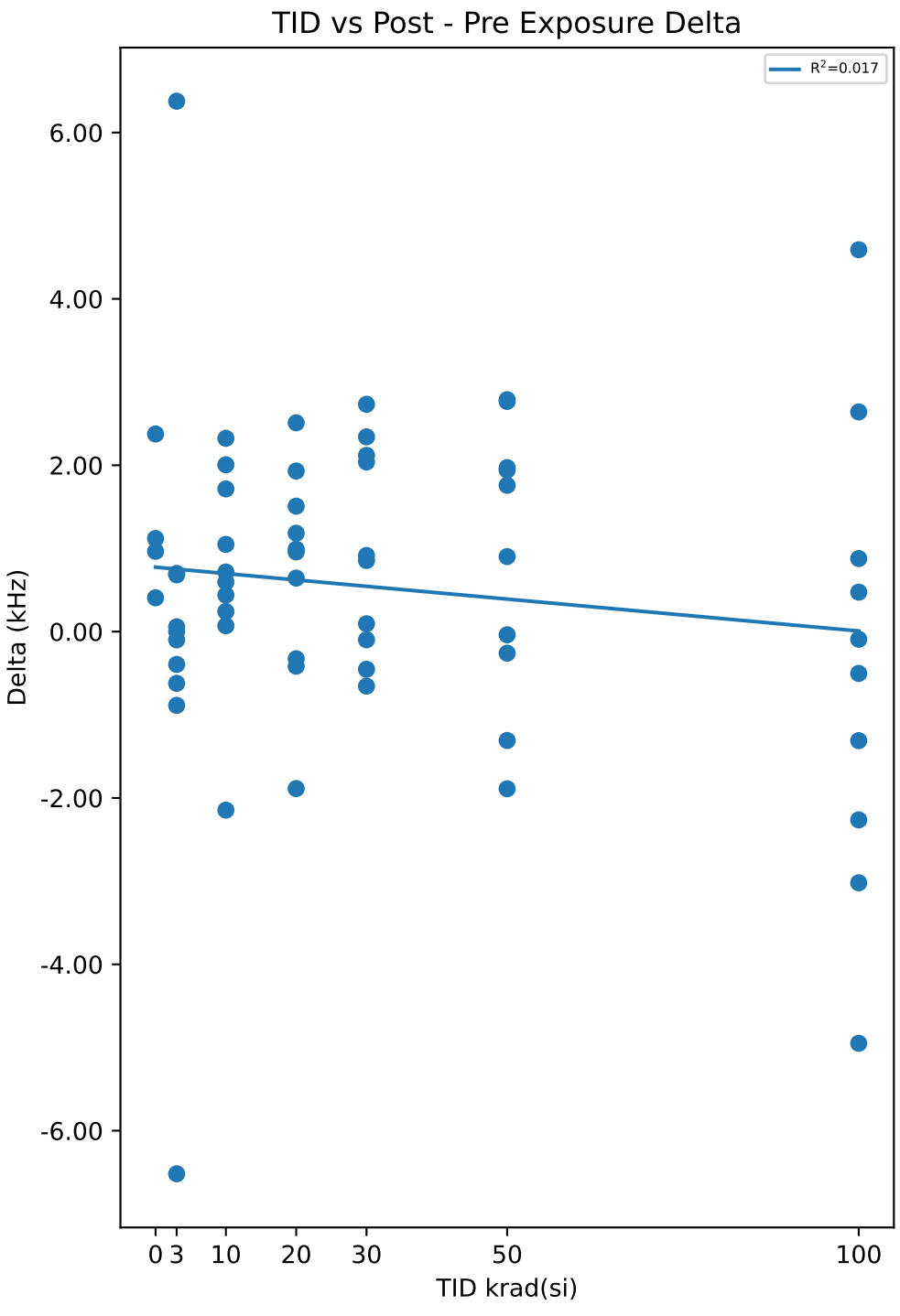
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	999.84	999.67	-0.1726
2	3	LDR BIAS	999.51	999.5	-0.0159
3	3	LDR BIAS	999.36	999.44	0.078
4	3	LDR BIAS	999.38	999.54	0.1627
5	3	LDR BIAS	995.05	999.96	4.9026
6	3	LDR UNBIAS	999.41	999.55	0.1396
7	3	LDR UNBIAS	999.47	999.41	-0.0646
8	3	LDR UNBIAS	999.51	999.35	-0.1602
9	3	LDR UNBIAS	999.74	999.98	0.243
10	3	LDR UNBIAS	999.36	999.32	-0.0315
11	0	CORRELATION	998.68	997.38	-1.2964
12	0	CORRELATION	999.57	1000.2	0.5995
13	0	CORRELATION	999.59	999.9	0.3106
14	0	CORRELATION	999.31	1000	0.7297
21	10	LDR BIAS	999.84	1000.2	0.3131
22	10	LDR BIAS	999.51	999.92	0.4048
23	10	LDR BIAS	999.36	1000.1	0.785
24	10	LDR BIAS	999.38	999.91	0.53
25	10	LDR BIAS	995.05	1000.1	5.0874
26	10	LDR UNBIAS	999.41	999.91	0.4938
27	10	LDR UNBIAS	999.47	1000.1	0.6632
28	10	LDR UNBIAS	999.51	999.97	0.4642
29	10	LDR UNBIAS	999.74	1000	0.2675
30	10	LDR UNBIAS	999.36	999.84	0.4846
31	20	LDR BIAS	999.84	999.98	0.1354
32	20	LDR BIAS	999.51	1000.1	0.5856
33	20	LDR BIAS	999.36	1000.1	0.7404
34	20	LDR BIAS	999.38	1000.1	0.6702
35	20	LDR BIAS	995.05	999.81	4.7557
36	20	LDR UNBIAS	999.41	999.88	0.4679
37	20	LDR UNBIAS	999.47	999.92	0.4494
38	20	LDR UNBIAS	999.51	999.88	0.3682
39	20	LDR UNBIAS	999.74	1000	0.2581
40	20	LDR UNBIAS	999.36	995.93	-3.4246
41	30	LDR BIAS	999.84	999.78	-0.0594
42	30	LDR BIAS	999.51	999.93	0.4143
43	30	LDR BIAS	999.36	1000	0.6563
44	30	LDR BIAS	999.38	999.88	0.4982
45	30	LDR BIAS	995.05	998.04	2.982
46	30	LDR UNBIAS	999.41	1000.1	0.6702
47	30	LDR UNBIAS	999.47	995.55	-3.9194
48	30	LDR UNBIAS	999.51	999.92	0.4087
49	30	LDR UNBIAS	999.74	999.99	0.2508
50	30	LDR UNBIAS	999.36	999.95	0.5967
51	50	LDR BIAS	999.84	999.6	-0.2399
52	50	LDR BIAS	999.51	999.57	0.0559
53	50	LDR BIAS	999.36	999.41	0.0464
54	50	LDR BIAS	999.38	999.37	-0.0125
55	50	LDR BIAS	995.05	999.61	4.5524
56	50	LDR UNBIAS	999.41	999.5	0.0896
57	50	LDR UNBIAS	999.47	999.62	0.1465
58	50	LDR UNBIAS	999.51	999.42	-0.0913
59	50	LDR UNBIAS	999.74	999.37	-0.3666
60	50	LDR UNBIAS	999.36	999.59	0.2336
61	100	LDR BIAS	999.84	999.52	-0.3191
62	100	LDR BIAS	999.51	999.34	-0.1784
63	100	LDR BIAS	999.36	999.31	-0.0466
64	100	LDR BIAS	999.38	999.29	-0.0879
65	100	LDR BIAS	995.05	999.46	4.4015
66	100	LDR UNBIAS	999.41	999.41	-0.0065
67	100	LDR UNBIAS	999.47	999.32	-0.1507
68	100	LDR UNBIAS	999.51	999.28	-0.2349
69	100	LDR UNBIAS	999.74	999.55	-0.1841
70	100	LDR UNBIAS	999.36	999.49	0.1327

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	998.68	999.28	999.59	0.42353	997.38	999.37	1000.2	1.3302	-1.2964	0.08585	0.7297	0.938
3	995.05	999.06	999.84	1.4179	999.32	999.57	999.98	0.23255	-0.1726	0.50811	4.9026	1.5501
10	995.05	999.06	999.84	1.4179	999.84	1000	1000.2	0.12061	0.2675	0.94936	5.0874	1.4619
20	995.05	999.06	999.84	1.4179	995.93	999.56	1000.1	1.2805	-3.4246	0.50063	4.7557	1.9385
30	995.05	999.06	999.84	1.4179	995.55	999.31	1000.1	1.453	-3.9194	0.24984	2.982	1.6839
50	995.05	999.06	999.84	1.4179	999.37	999.51	999.62	0.10395	-0.3666	0.44141	4.5524	1.4555
100	995.05	999.06	999.84	1.4179	999.28	999.4	999.55	0.1019	-0.3191	0.3326	4.4015	1.4353

Device Test: 20.99 LEVEL|FREQ/RT/12/12/0/1000/5/1MHz//@FSW_EXT_RT_D





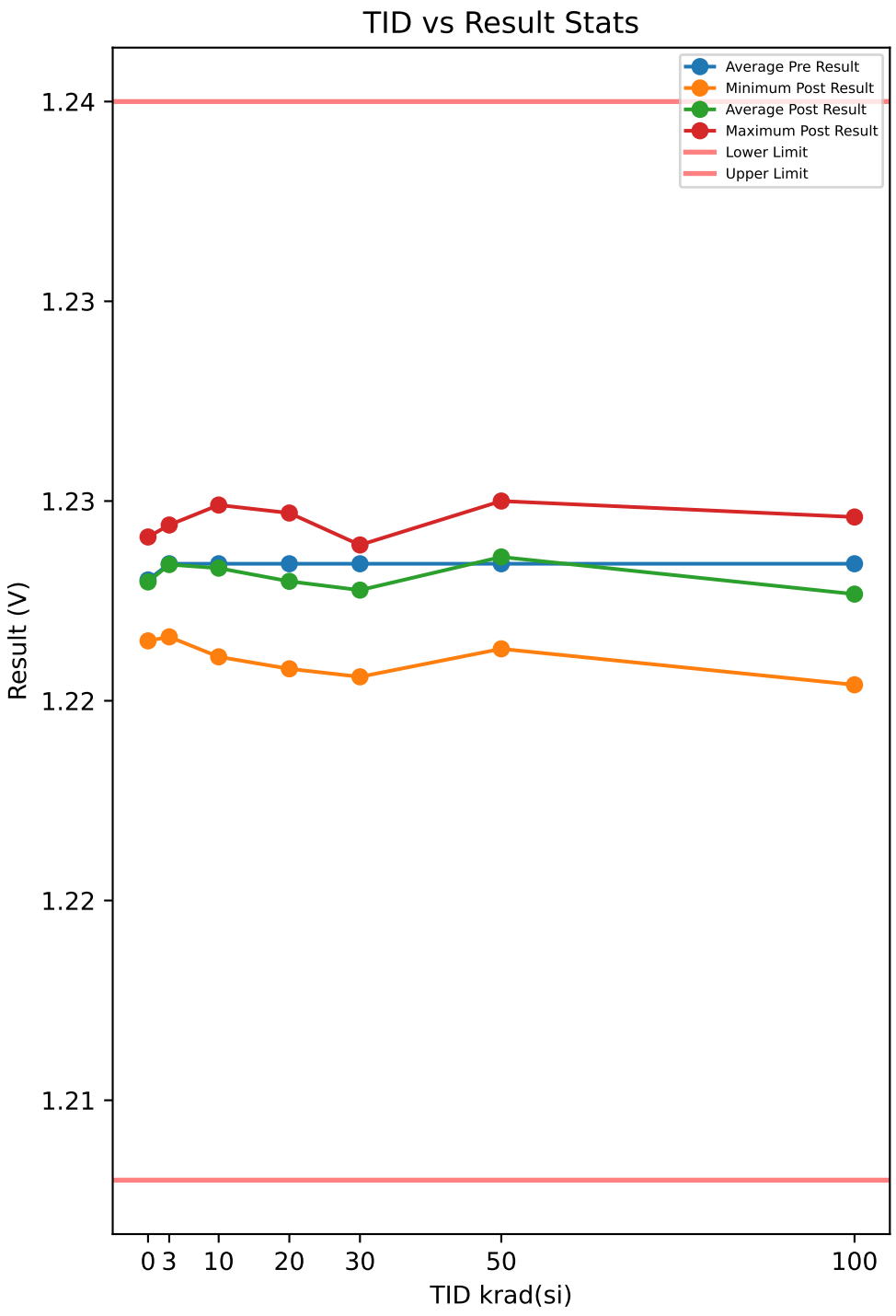
Test Results (Lower Limit = 925.0, Upper Limit = 1100.0 (kHz))

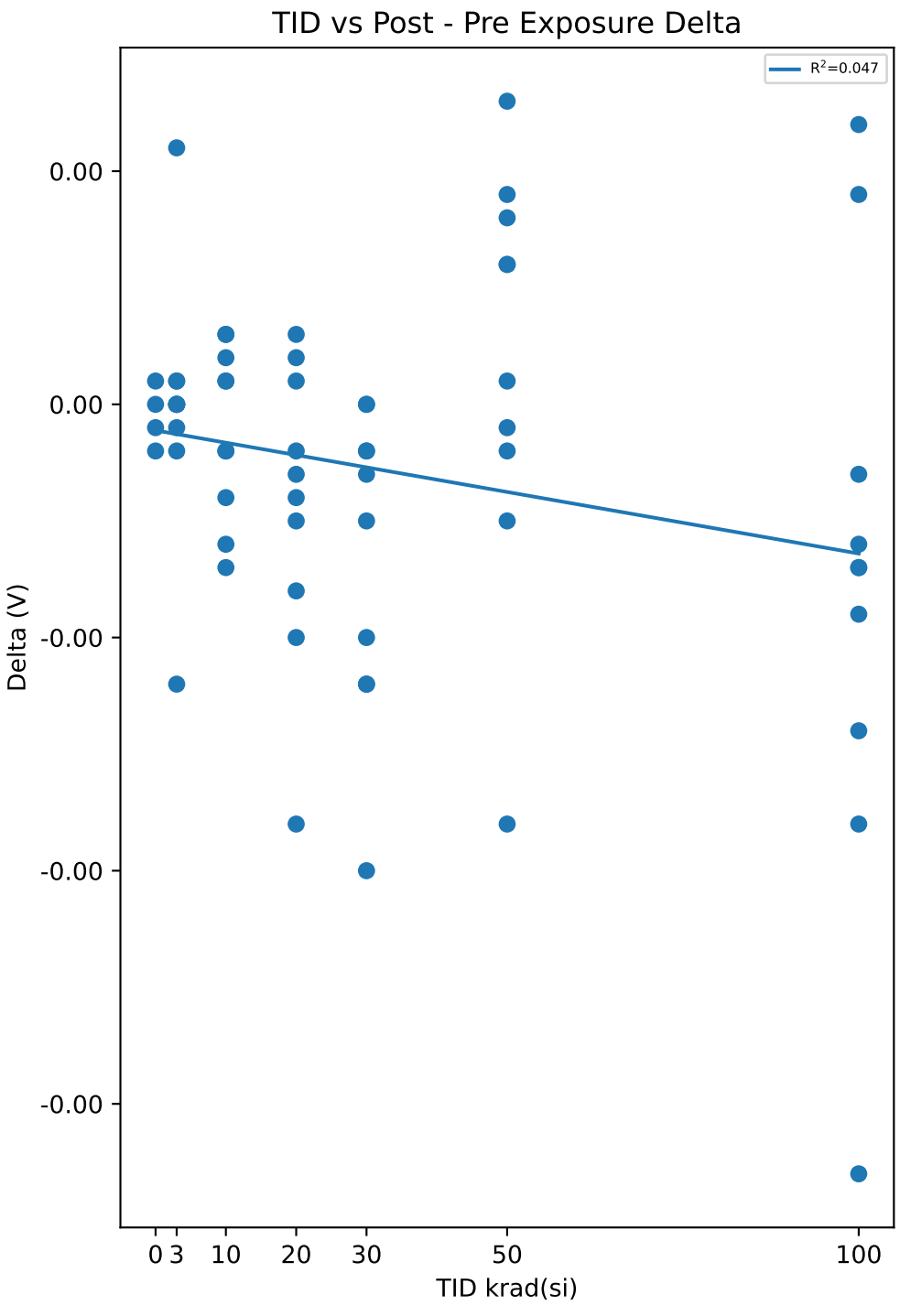
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	995.77	996.47	0.6999
2	3	LDR BIAS	994.24	987.72	-6.5186
3	3	LDR BIAS	988.09	994.47	6.3765
4	3	LDR BIAS	995.13	994.5	-0.6221
5	3	LDR BIAS	993.63	993.63	0.0014
6	3	LDR UNBIAS	990.7	991.38	0.6824
7	3	LDR UNBIAS	992.26	991.37	-0.8869
8	3	LDR UNBIAS	997.26	997.16	-0.0995
9	3	LDR UNBIAS	1001.8	1001.4	-0.3942
10	3	LDR UNBIAS	995.57	995.63	0.0579
11	0	CORRELATION	984.52	985.48	0.9655
12	0	CORRELATION	987.92	988.33	0.4066
13	0	CORRELATION	995.16	996.28	1.1195
14	0	CORRELATION	990.05	992.43	2.3757
21	10	LDR BIAS	995.77	997.48	1.7155
22	10	LDR BIAS	994.24	996.24	2.0056
23	10	LDR BIAS	988.09	990.41	2.3239
24	10	LDR BIAS	995.13	995.72	0.5961
25	10	LDR BIAS	993.63	993.87	0.2418
26	10	LDR UNBIAS	990.7	991.42	0.7165
27	10	LDR UNBIAS	992.26	992.33	0.0705
28	10	LDR UNBIAS	997.26	998.31	1.0482
29	10	LDR UNBIAS	1001.8	999.64	-2.1464
30	10	LDR UNBIAS	995.57	996.01	0.439
31	20	LDR BIAS	995.77	997.28	1.508
32	20	LDR BIAS	994.24	996.17	1.9305
33	20	LDR BIAS	988.09	990.6	2.5102
34	20	LDR BIAS	995.13	996.12	0.9908
35	20	LDR BIAS	993.63	994.27	0.6435
36	20	LDR UNBIAS	990.7	990.28	-0.4157
37	20	LDR UNBIAS	992.26	991.94	-0.3265
38	20	LDR UNBIAS	997.26	998.44	1.1831
39	20	LDR UNBIAS	1001.8	999.9	-1.887
40	20	LDR UNBIAS	995.57	996.53	0.9575
41	30	LDR BIAS	995.77	998.5	2.7329
42	30	LDR BIAS	994.24	996.58	2.3416
43	30	LDR BIAS	988.09	990.13	2.0392
44	30	LDR BIAS	995.13	994.47	-0.6552
45	30	LDR BIAS	993.63	994.54	0.9152
46	30	LDR UNBIAS	990.7	990.79	0.0944
47	30	LDR UNBIAS	992.26	992.16	-0.0986
48	30	LDR UNBIAS	997.26	998.11	0.8547
49	30	LDR UNBIAS	1001.8	1001.3	-0.4528
50	30	LDR UNBIAS	995.57	997.69	2.1188
51	50	LDR BIAS	995.77	998.56	2.7882
52	50	LDR BIAS	994.24	996.21	1.9712
53	50	LDR BIAS	988.09	990.03	1.9417
54	50	LDR BIAS	995.13	995.09	-0.0384
55	50	LDR BIAS	993.63	994.53	0.9023
56	50	LDR UNBIAS	990.7	992.46	1.7586
57	50	LDR UNBIAS	992.26	990.37	-1.8895
58	50	LDR UNBIAS	997.26	997	-0.2594
59	50	LDR UNBIAS	1001.8	1000.5	-1.3088
60	50	LDR UNBIAS	995.57	998.34	2.7673
61	100	LDR BIAS	995.77	1000.4	4.591
62	100	LDR BIAS	994.24	994.71	0.4742
63	100	LDR BIAS	988.09	988.97	0.8784
64	100	LDR BIAS	995.13	992.86	-2.2636
65	100	LDR BIAS	993.63	996.27	2.6415
66	100	LDR UNBIAS	990.7	990.61	-0.0919
67	100	LDR UNBIAS	992.26	990.95	-1.3108
68	100	LDR UNBIAS	997.26	996.75	-0.503
69	100	LDR UNBIAS	1001.8	998.77	-3.0195
70	100	LDR UNBIAS	995.57	990.62	-4.9494

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	984.52	989.41	995.16	4.4597	985.48	990.63	996.28	4.725	0.4066	1.2168	2.3757	0.83108
3	988.09	994.44	1001.8	3.7305	987.72	994.37	1001.4	3.7393	-6.5186	-0.07032	6.3765	3.0804
10	988.09	994.44	1001.8	3.7305	990.41	995.14	999.64	3.0519	-2.1464	0.70107	2.3239	1.2597
20	988.09	994.44	1001.8	3.7305	990.28	995.15	999.9	3.2882	-1.887	0.70944	2.5102	1.2833
30	988.09	994.44	1001.8	3.7305	990.13	995.43	1001.3	3.6504	-0.6552	0.98902	2.7329	1.249
50	988.09	994.44	1001.8	3.7305	990.03	995.31	1000.5	3.5142	-1.8895	0.86332	2.7882	1.6631
100	988.09	994.44	1001.8	3.7305	988.97	994.09	1000.4	3.8764	-4.9494	-0.35531	4.591	2.759

Device Test: 21.1 VOLTAGE|VREF/VREF/4.5/4.5/0/0/4.5/100kHz//@V_REFCAP





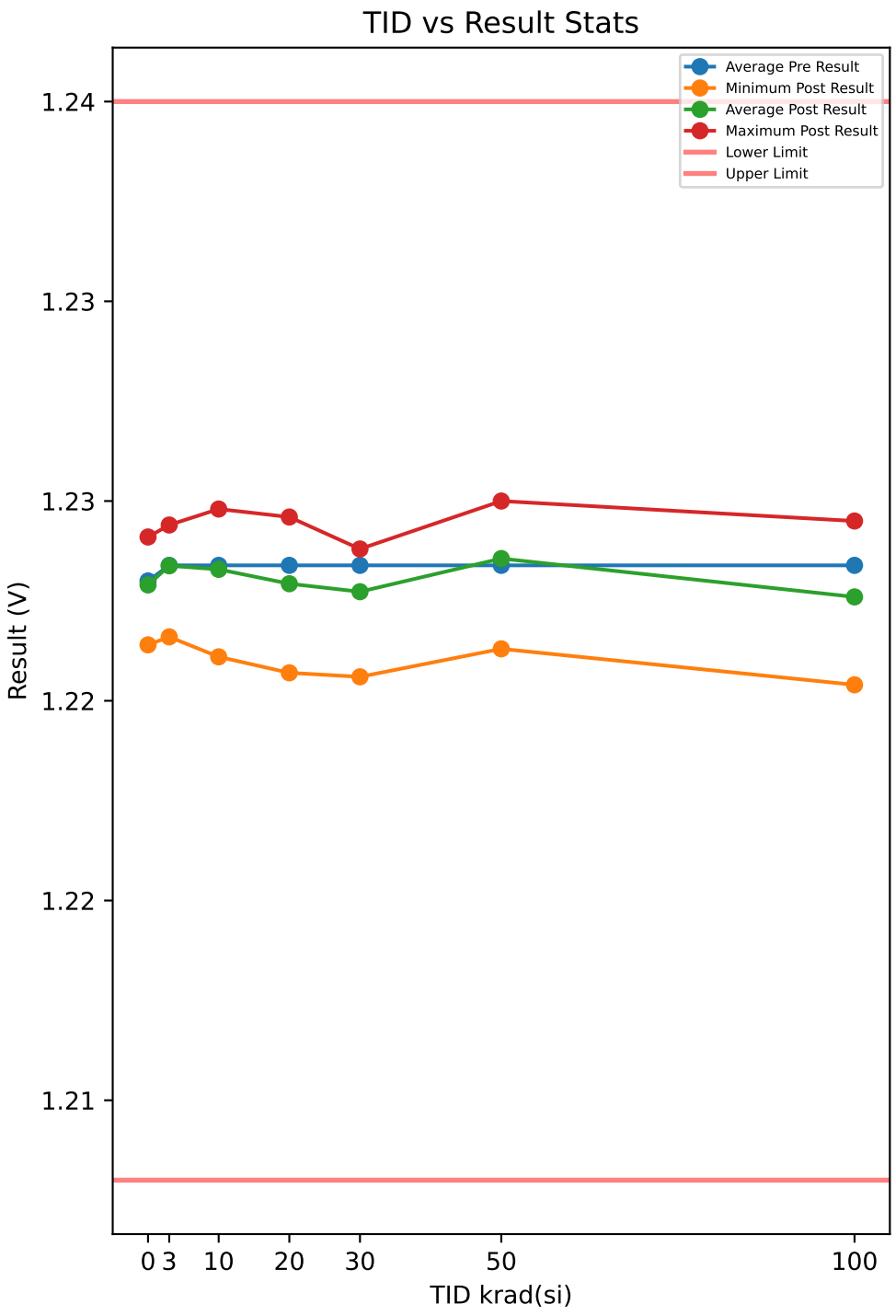
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

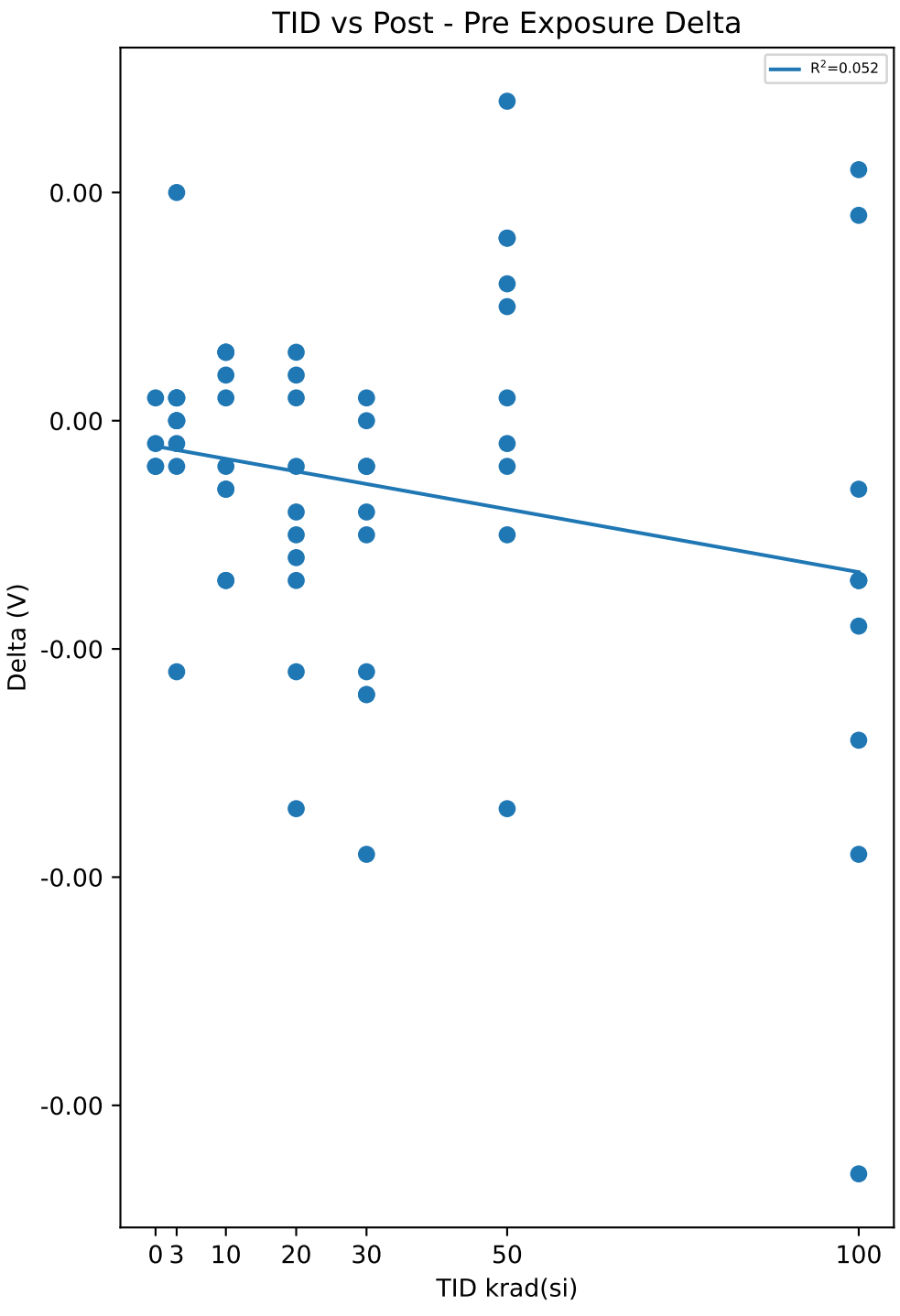
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2244	0
2	3	LDR BIAS	1.2233	1.2244	0.0011
3	3	LDR BIAS	1.2246	1.2234	-0.0012
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2237	0
7	3	LDR UNBIAS	1.2231	1.223	-0.0001
8	3	LDR UNBIAS	1.2227	1.2227	0
9	3	LDR UNBIAS	1.223	1.2231	0.0001
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2233	1.2234	0.0001
23	10	LDR BIAS	1.2246	1.2249	0.0003
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2231	1.2229	-0.0002
28	10	LDR UNBIAS	1.2227	1.2223	-0.0004
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2246	1.2228	-0.0018
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2231	1.2227	-0.0004
38	20	LDR UNBIAS	1.2227	1.2219	-0.0008
39	20	LDR UNBIAS	1.223	1.2232	0.0002
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2246	1.2226	-0.002
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2227	1.2215	-0.0012
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2246	1.2228	-0.0018
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2246	1.2213	-0.0033
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2231	1.2225	-0.0006
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.0012121	1.2215	1.223	1.2241	0.0012038	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2234	1.2246	0.000859	1.2216	1.2234	1.2244	0.0008749	-0.0012	-2e-05	0.0011	0.00054934
10	1.2218	1.2234	1.2246	0.000859	1.2211	1.2233	1.2249	0.0010891	-0.0007	-0.00011	0.0003	0.00036652
20	1.2218	1.2234	1.2246	0.000859	1.2208	1.223	1.2247	0.0010754	-0.0018	-0.00044	0.0003	0.00063456
30	1.2218	1.2234	1.2246	0.000859	1.2206	1.2228	1.2239	0.00101	-0.002	-0.00066	0	0.00066198
50	1.2218	1.2234	1.2246	0.000859	1.2213	1.2236	1.225	0.00117	-0.0018	0.00017	0.0013	0.00088951
100	1.2218	1.2234	1.2246	0.000859	1.2204	1.2227	1.2246	0.0013937	-0.0033	-0.00076	0.0012	0.0012825

Device Test: 21.11 VOLTAGE|VREF/VREF/5/5/0/0/5/500kHz//@V_REFCAP





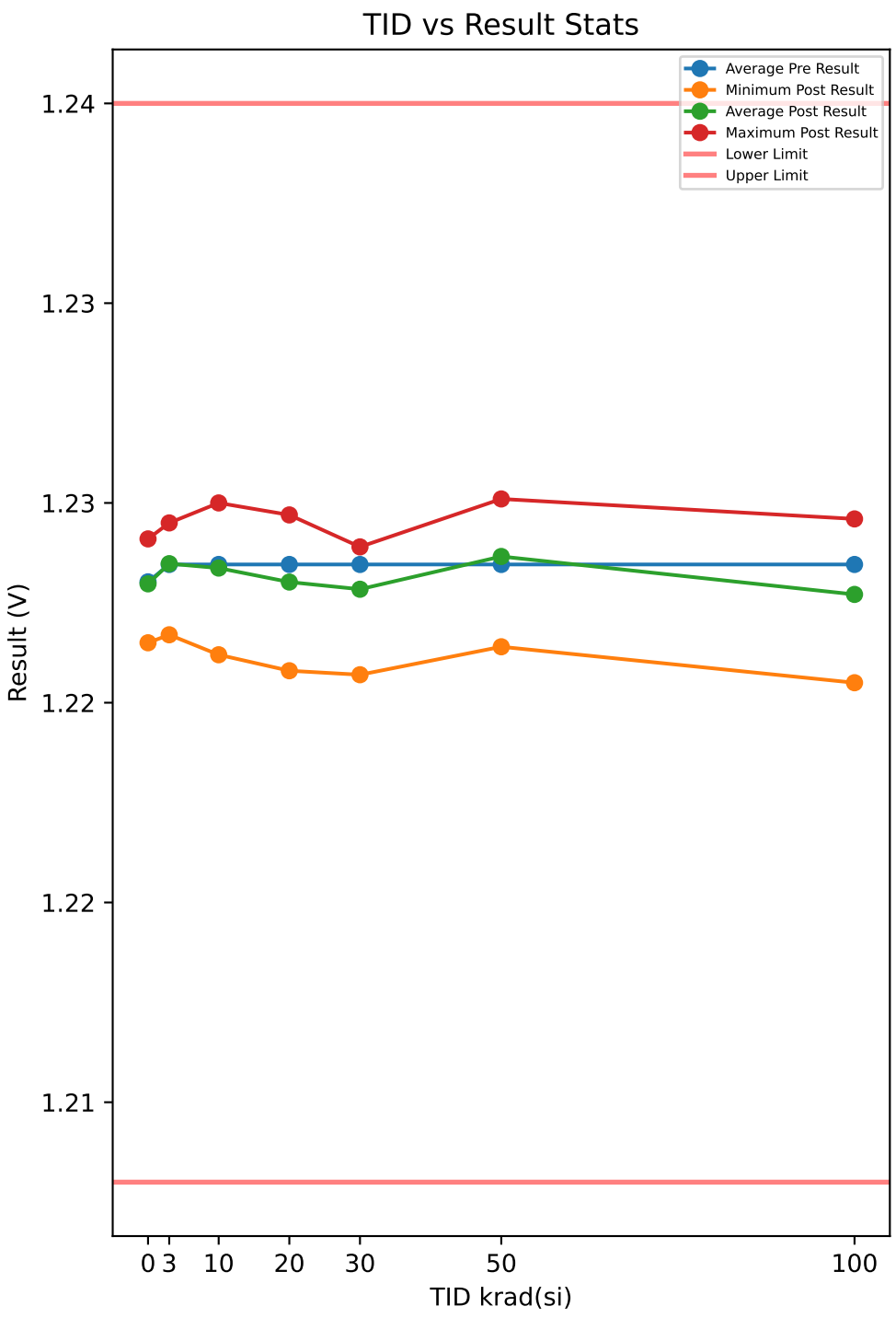
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

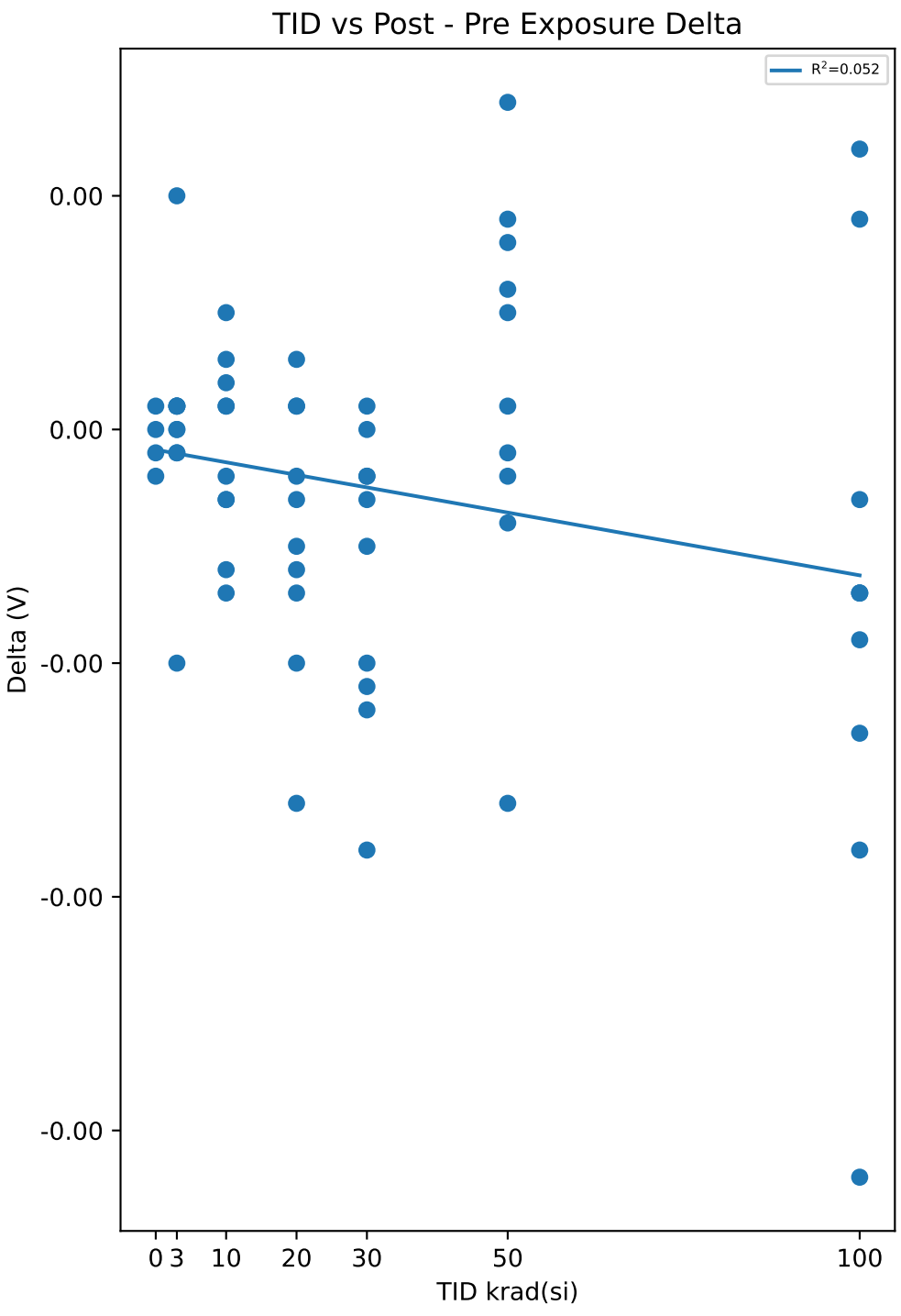
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2245	1.2234	-0.0011
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2236	1.2237	0.0001
7	3	LDR UNBIAS	1.2231	1.223	-0.0001
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2234	1.2234	0
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2224	-0.0002
13	0	CORRELATION	1.2215	1.2214	-0.0001
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2243	1.2246	0.0003
22	10	LDR BIAS	1.2233	1.2234	0.0001
23	10	LDR BIAS	1.2245	1.2248	0.0003
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2236	1.2238	0.0002
27	10	LDR UNBIAS	1.2231	1.2228	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2218	1.2207	-0.0011
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2236	1.2237	0.0001
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2232	0.0002
40	20	LDR UNBIAS	1.2234	1.223	-0.0004
41	30	LDR BIAS	1.2243	1.2238	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2232	-0.0011
46	30	LDR UNBIAS	1.2236	1.2237	0.0001
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2226	1.2214	-0.0012
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2234	1.223	-0.0004
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2236	1.225	0.0014
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.223	1.2235	0.0005
60	50	LDR UNBIAS	1.2234	1.2242	0.0008
61	100	LDR BIAS	1.2243	1.224	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2245	1.2212	-0.0033
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2224	-0.0019
66	100	LDR UNBIAS	1.2236	1.2245	0.0009
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2234	1.2245	0.0011

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	1.2215	1.223	1.224	0.001186	1.2214	1.2229	1.2241	0.0012356	-0.0002	-0.0001	0.0001	0.00014142
3	1.2218	1.2234	1.2245	0.00083858	1.2216	1.2234	1.2244	0.00086641	-0.0011	-1e-05	0.001	0.00050431
10	1.2218	1.2234	1.2245	0.00083858	1.2211	1.2233	1.2248	0.0010744	-0.0007	-0.0001	0.0003	0.00039721
20	1.2218	1.2234	1.2245	0.00083858	1.2207	1.2229	1.2246	0.0010667	-0.0017	-0.00046	0.0003	0.0006168
30	1.2218	1.2234	1.2245	0.00083858	1.2206	1.2227	1.2238	0.0010034	-0.0019	-0.00066	0.0001	0.00065354
50	1.2218	1.2234	1.2245	0.00083858	1.2213	1.2236	1.225	0.0011616	-0.0017	0.00017	0.0014	0.00086673
100	1.2218	1.2234	1.2245	0.00083858	1.2204	1.2226	1.2245	0.0013728	-0.0033	-0.00079	0.0011	0.0012741

Device Test: 21.13 VOLTAGE|VREF/VREF/12/12/0/0/5/500kHz//@V_REFCAP





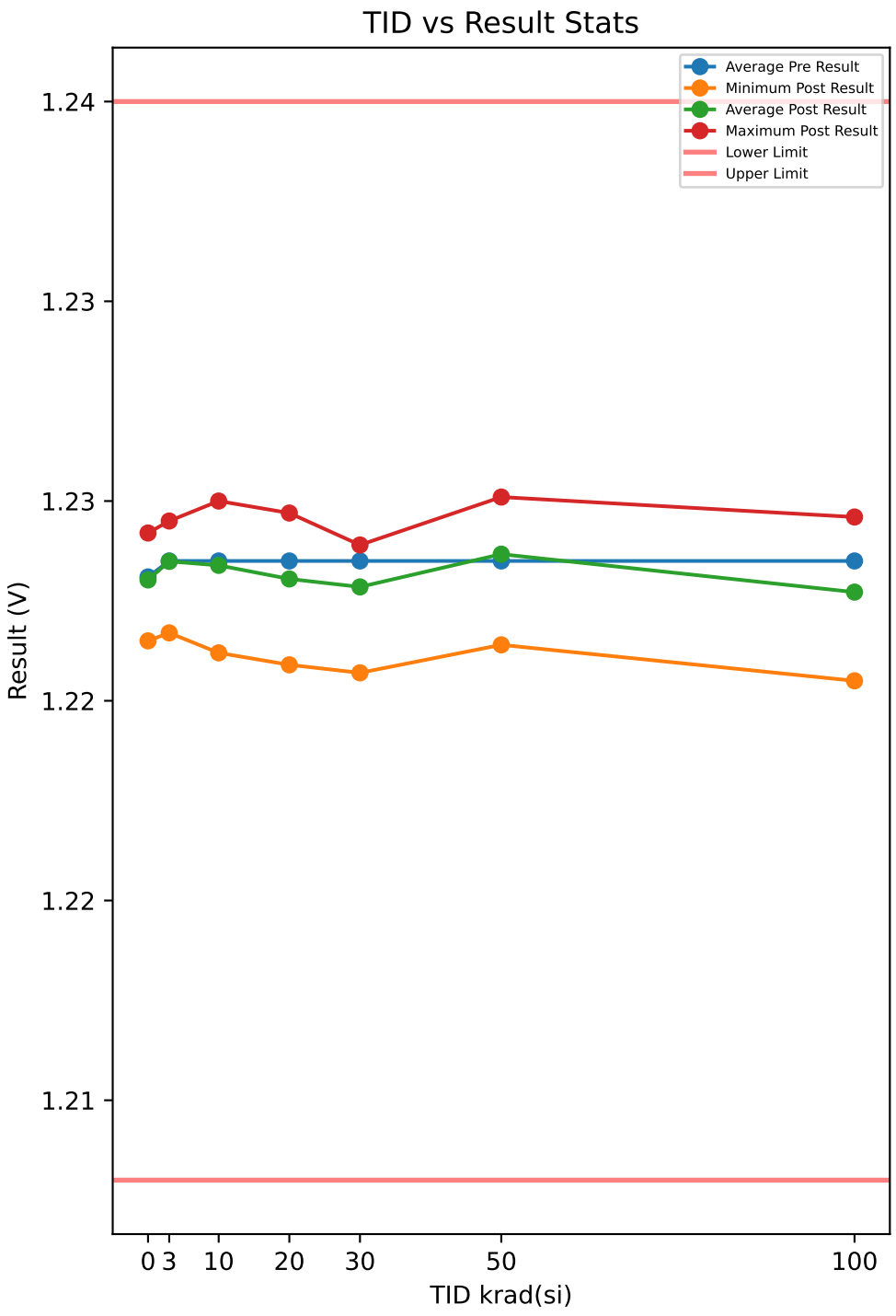
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

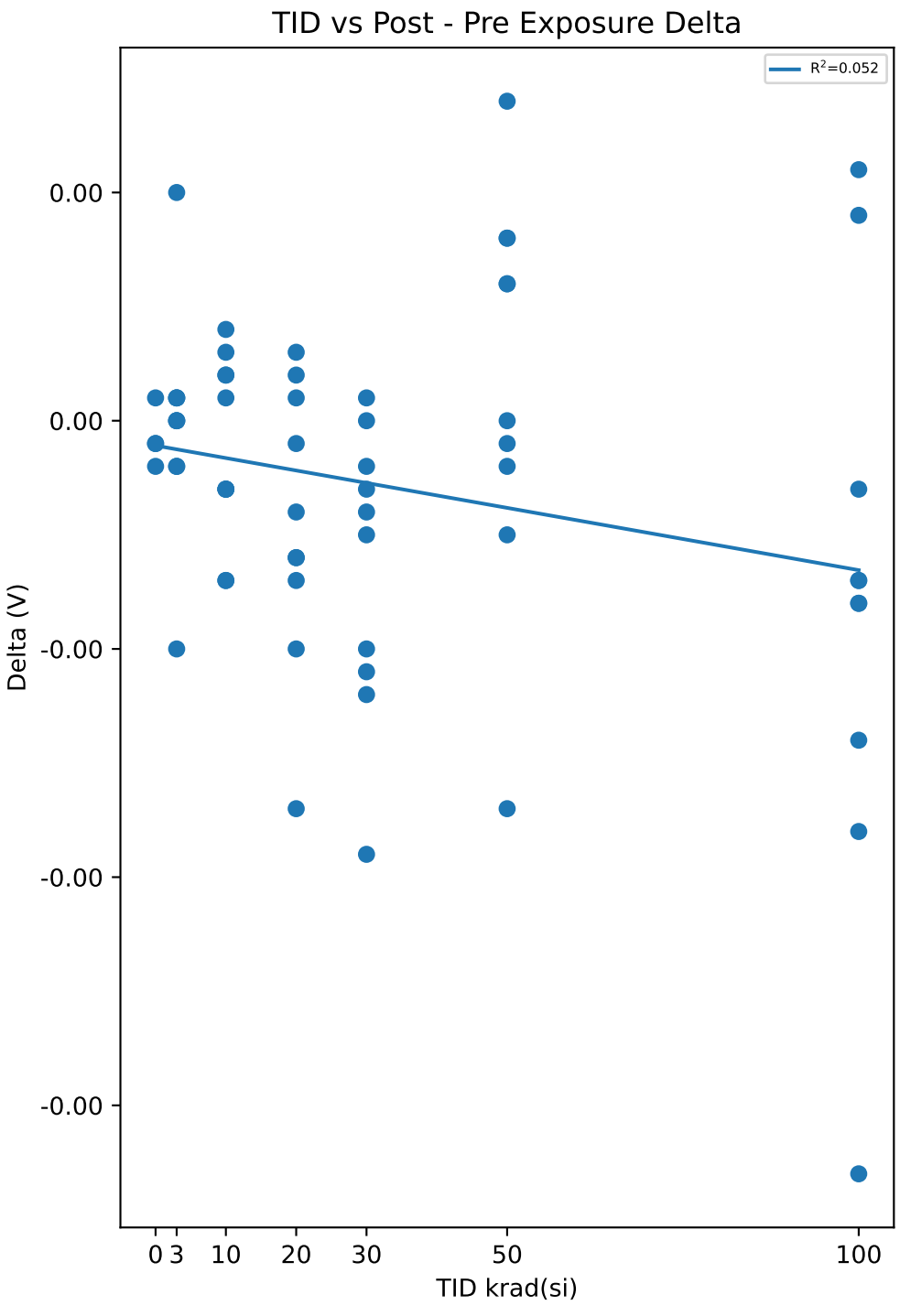
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2245	1.2235	-0.001
4	3	LDR BIAS	1.2218	1.2217	-0.0001
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2232	1.2231	-0.0001
8	3	LDR UNBIAS	1.2227	1.2228	0.0001
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2235	0.0001
23	10	LDR BIAS	1.2245	1.225	0.0005
24	10	LDR BIAS	1.2218	1.2212	-0.0006
25	10	LDR BIAS	1.2244	1.2237	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2232	-0.0002
33	20	LDR BIAS	1.2245	1.2229	-0.0016
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2244	1.2238	-0.0006
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2234	1.2234	0
43	30	LDR BIAS	1.2245	1.2227	-0.0018
44	30	LDR BIAS	1.2218	1.2207	-0.0011
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2237	1.2238	0.0001
47	30	LDR UNBIAS	1.2232	1.223	-0.0002
48	30	LDR UNBIAS	1.2227	1.2215	-0.0012
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2242	0.0008
53	50	LDR BIAS	1.2245	1.2229	-0.0016
54	50	LDR BIAS	1.2218	1.2214	-0.0004
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2237	1.2251	0.0014
57	50	LDR UNBIAS	1.2232	1.2233	0.0001
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2245	1.2213	-0.0032
64	100	LDR BIAS	1.2218	1.2205	-0.0013
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2232	1.2225	-0.0007
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.0012121	1.2215	1.223	1.2241	0.0012038	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2235	1.2245	0.00084617	1.2217	1.2235	1.2245	0.00086641	-0.001	2e-05	0.001	0.00047796
10	1.2218	1.2235	1.2245	0.00084617	1.2212	1.2234	1.225	0.001074	-0.0007	-9e-05	0.0005	0.00039285
20	1.2218	1.2235	1.2245	0.00084617	1.2208	1.223	1.2247	0.0010644	-0.0016	-0.00044	0.0003	0.00057388
30	1.2218	1.2235	1.2245	0.00084617	1.2207	1.2228	1.2239	0.0010091	-0.0018	-0.00062	0.0001	0.00062147
50	1.2218	1.2235	1.2245	0.00084617	1.2214	1.2237	1.2251	0.0011616	-0.0016	0.0002	0.0014	0.00084327
100	1.2218	1.2235	1.2245	0.00084617	1.2205	1.2227	1.2246	0.0013715	-0.0032	-0.00075	0.0012	0.0012545

Device Test: 21.15 VOLTAGE|VREF/VREF/14/14/0/0/5/500kHz//@V_REFCAP





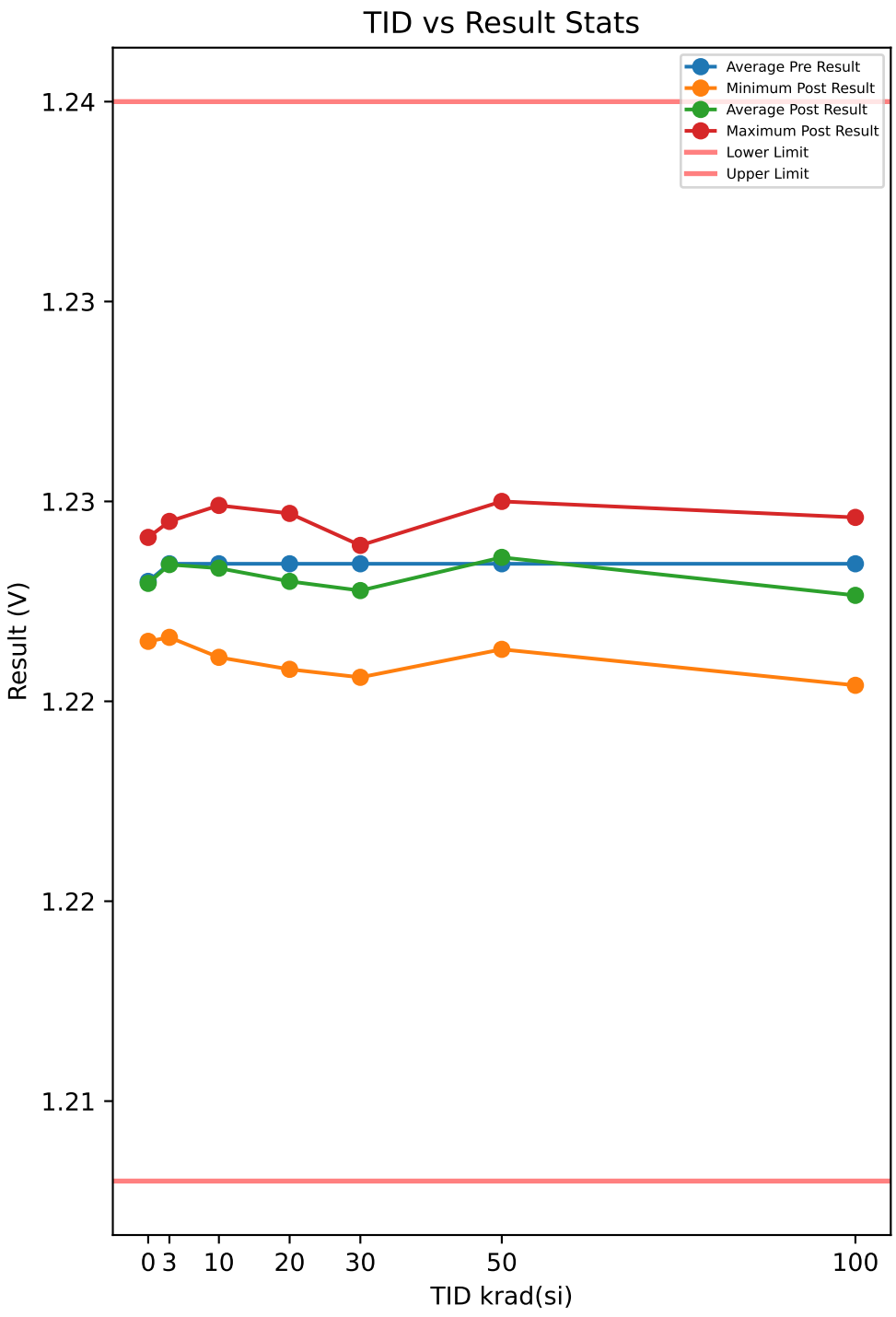
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

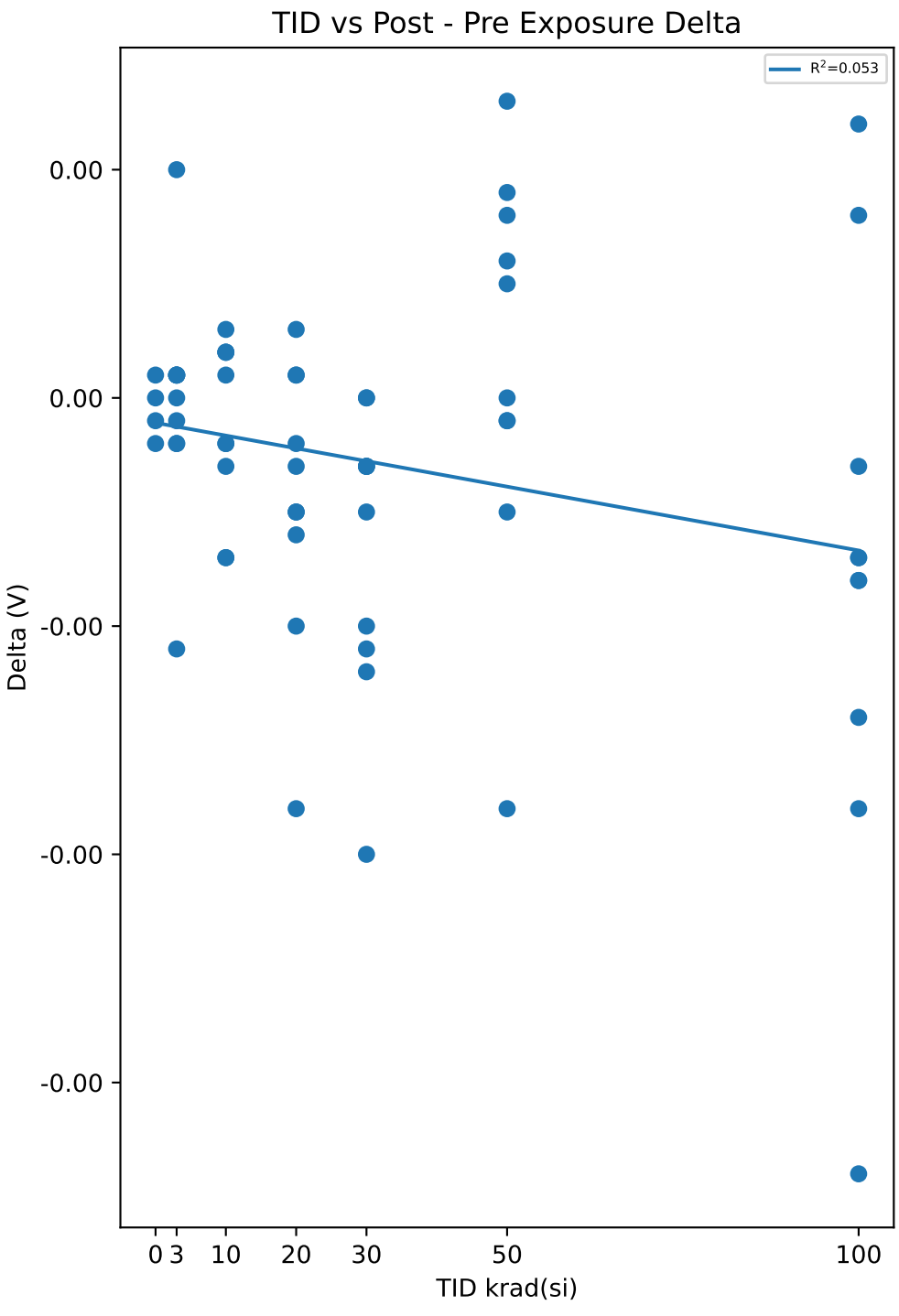
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2246	1.2236	-0.001
4	3	LDR BIAS	1.2219	1.2217	-0.0002
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2233	1.2231	-0.0002
8	3	LDR UNBIAS	1.2227	1.2228	0.0001
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2235	1.2235	0
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2227	1.2226	-0.0001
13	0	CORRELATION	1.2216	1.2215	-0.0001
14	0	CORRELATION	1.2241	1.2242	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2236	0.0002
23	10	LDR BIAS	1.2246	1.225	0.0004
24	10	LDR BIAS	1.2219	1.2212	-0.0007
25	10	LDR BIAS	1.2244	1.2237	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2233	1.223	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2235	1.2232	-0.0003
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2233	-0.0001
33	20	LDR BIAS	1.2246	1.2229	-0.0017
34	20	LDR BIAS	1.2219	1.2209	-0.001
35	20	LDR BIAS	1.2244	1.2238	-0.0006
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2233	1.2227	-0.0006
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.2231	1.2233	0.0002
40	20	LDR UNBIAS	1.2235	1.2231	-0.0004
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2234	1.2234	0
43	30	LDR BIAS	1.2246	1.2227	-0.0019
44	30	LDR BIAS	1.2219	1.2207	-0.0012
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2237	1.2238	0.0001
47	30	LDR UNBIAS	1.2233	1.223	-0.0003
48	30	LDR UNBIAS	1.2227	1.2216	-0.0011
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2235	1.2231	-0.0004
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2242	0.0008
53	50	LDR BIAS	1.2246	1.2229	-0.0017
54	50	LDR BIAS	1.2219	1.2214	-0.0005
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2237	1.2251	0.0014
57	50	LDR UNBIAS	1.2233	1.2233	0
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2237	0.0006
60	50	LDR UNBIAS	1.2235	1.2243	0.0008
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2246	1.2213	-0.0033
64	100	LDR BIAS	1.2219	1.2205	-0.0014
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2233	1.2225	-0.0008
68	100	LDR UNBIAS	1.2227	1.2219	-0.0008
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2235	1.2246	0.0011

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	1.2216	1.2231	1.2241	0.001186	1.2215	1.223	1.2242	0.001223	-0.0002	-7.5e-05	0.0001	0.00012583
3	1.2219	1.2235	1.2246	0.00083533	1.2217	1.2235	1.2245	0.00086724	-0.001	-1e-05	0.001	0.00048408
10	1.2219	1.2235	1.2246	0.00083533	1.2212	1.2234	1.225	0.0010713	-0.0007	-0.00011	0.0004	0.00040401
20	1.2219	1.2235	1.2246	0.00083533	1.2209	1.223	1.2247	0.0010459	-0.0017	-0.00045	0.0003	0.00061328
30	1.2219	1.2235	1.2246	0.00083533	1.2207	1.2228	1.2239	0.00099471	-0.0019	-0.00065	0.0001	0.00063114
50	1.2219	1.2235	1.2246	0.00083533	1.2214	1.2237	1.2251	0.0011615	-0.0017	0.00017	0.0014	0.00087312
100	1.2219	1.2235	1.2246	0.00083533	1.2205	1.2227	1.2246	0.0013645	-0.0033	-0.00078	0.0011	0.0012639

Device Test: 21.17 VOLTAGE|VREF/VREF/4.5/4.5/0/0/4.5/1MHz//@V_REFCAP





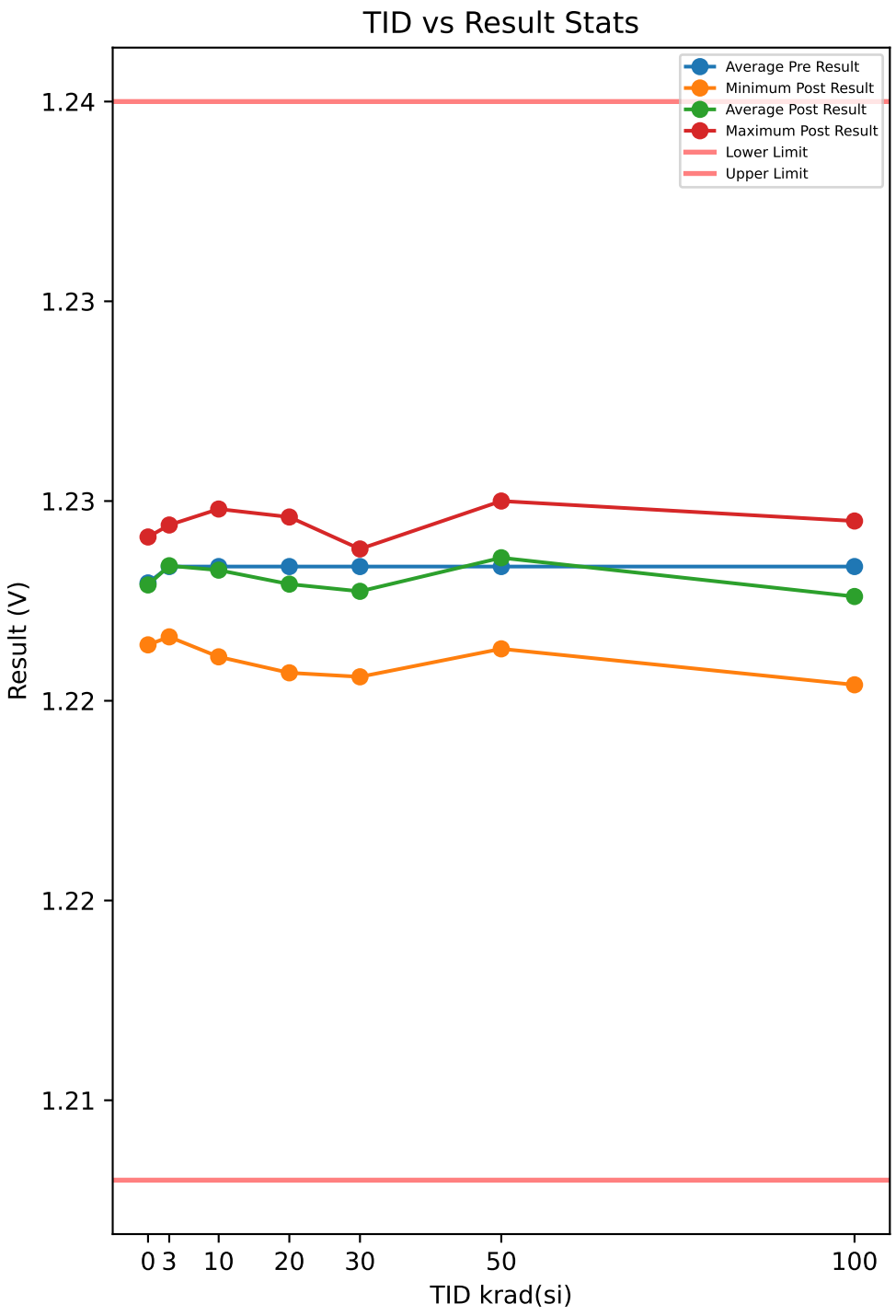
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

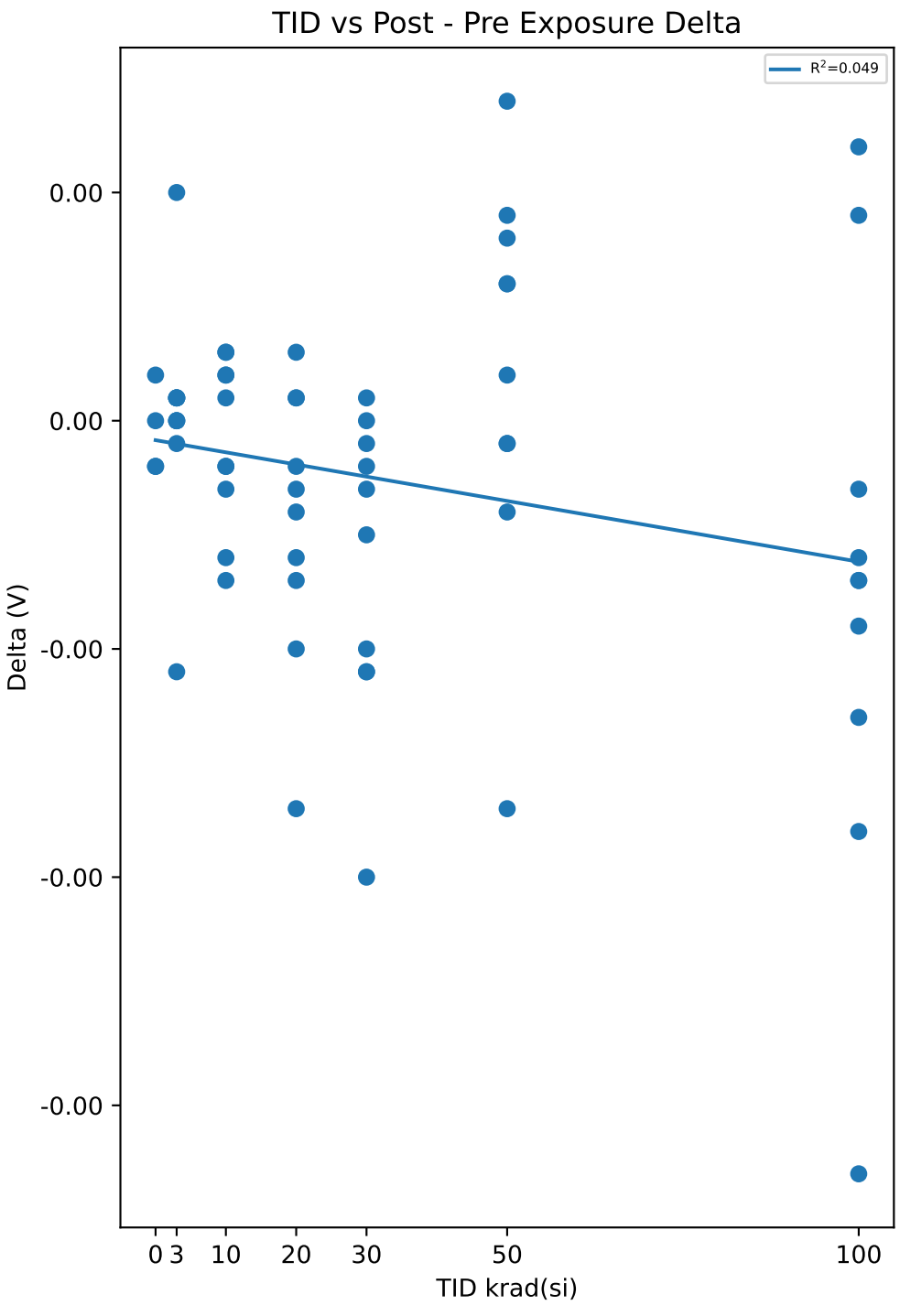
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2246	1.2235	-0.0011
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2232	1.223	-0.0002
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.2231	1.223	-0.0001
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2246	1.2249	0.0003
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2226	1.2224	-0.0002
29	10	LDR UNBIAS	1.2231	1.2233	0.0002
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2246	1.2228	-0.0018
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2226	1.222	-0.0006
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2246	1.2226	-0.002
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2226	1.2215	-0.0011
49	30	LDR UNBIAS	1.2231	1.2228	-0.0003
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2246	1.2228	-0.0018
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2232	1.2232	0
58	50	LDR UNBIAS	1.2226	1.2225	-0.0001
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2246	1.2212	-0.0034
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2237	1.2245	0.0008
67	100	LDR UNBIAS	1.2232	1.2224	-0.0008
68	100	LDR UNBIAS	1.2226	1.2218	-0.0008
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.001186	1.2215	1.2229	1.2241	0.0011818	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2234	1.2246	0.00086049	1.2216	1.2234	1.2245	0.00088544	-0.0011	-2e-05	0.001	0.00050947
10	1.2218	1.2234	1.2246	0.00086049	1.2211	1.2233	1.2249	0.0010771	-0.0007	-0.00011	0.0003	0.00037253
20	1.2218	1.2234	1.2246	0.00086049	1.2208	1.223	1.2247	0.0010646	-0.0018	-0.00044	0.0003	0.000615
30	1.2218	1.2234	1.2246	0.00086049	1.2206	1.2228	1.2239	0.00101	-0.002	-0.00067	0	0.00063953
50	1.2218	1.2234	1.2246	0.00086049	1.2213	1.2236	1.225	0.00117	-0.0018	0.00016	0.0013	0.00088217
100	1.2218	1.2234	1.2246	0.00086049	1.2204	1.2227	1.2246	0.001389	-0.0034	-0.00079	0.0012	0.0012888

Device Test: 21.19 VOLTAGE|VREF/VREF/5/5/0/0/5/1MHz//@V_REFCAP





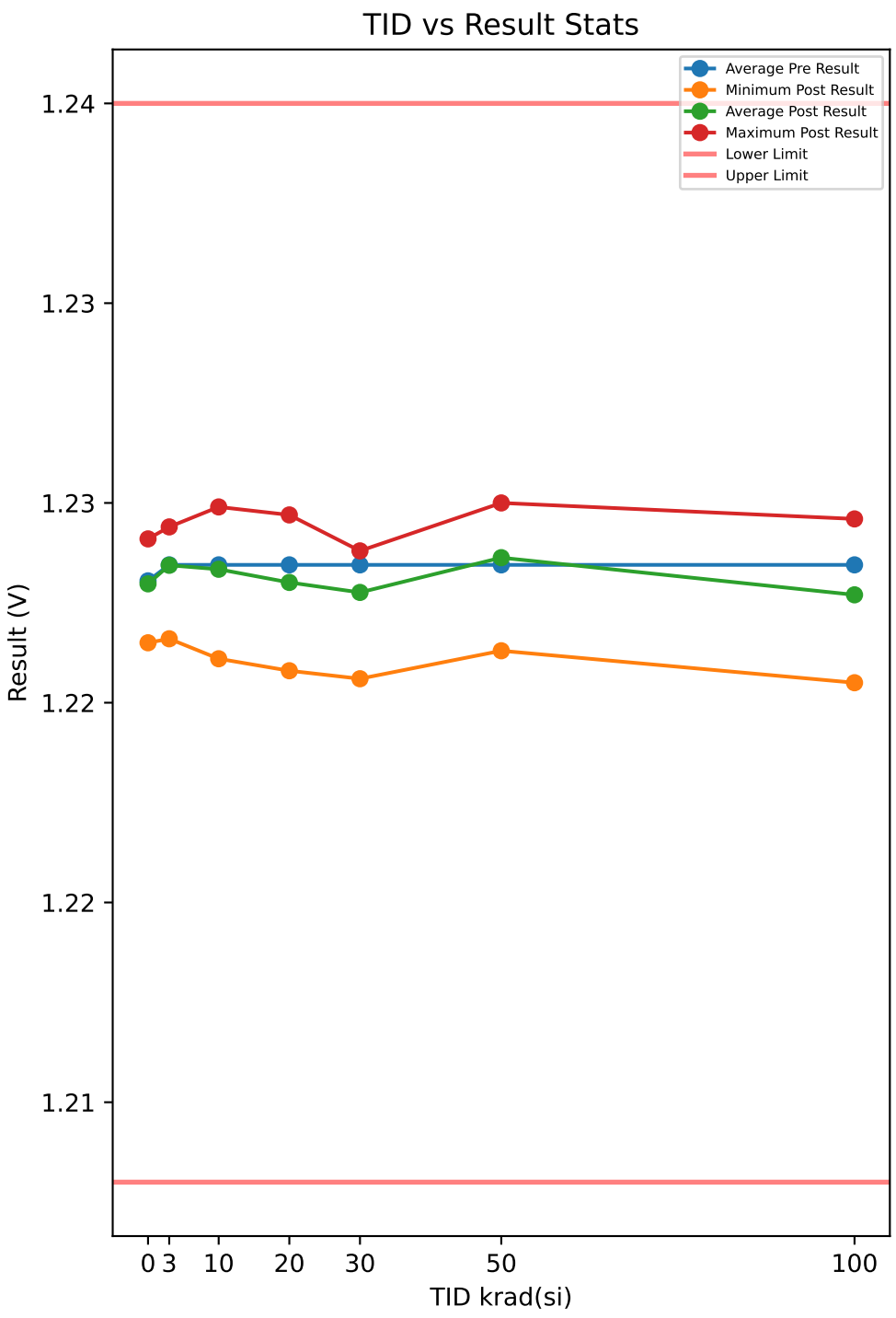
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

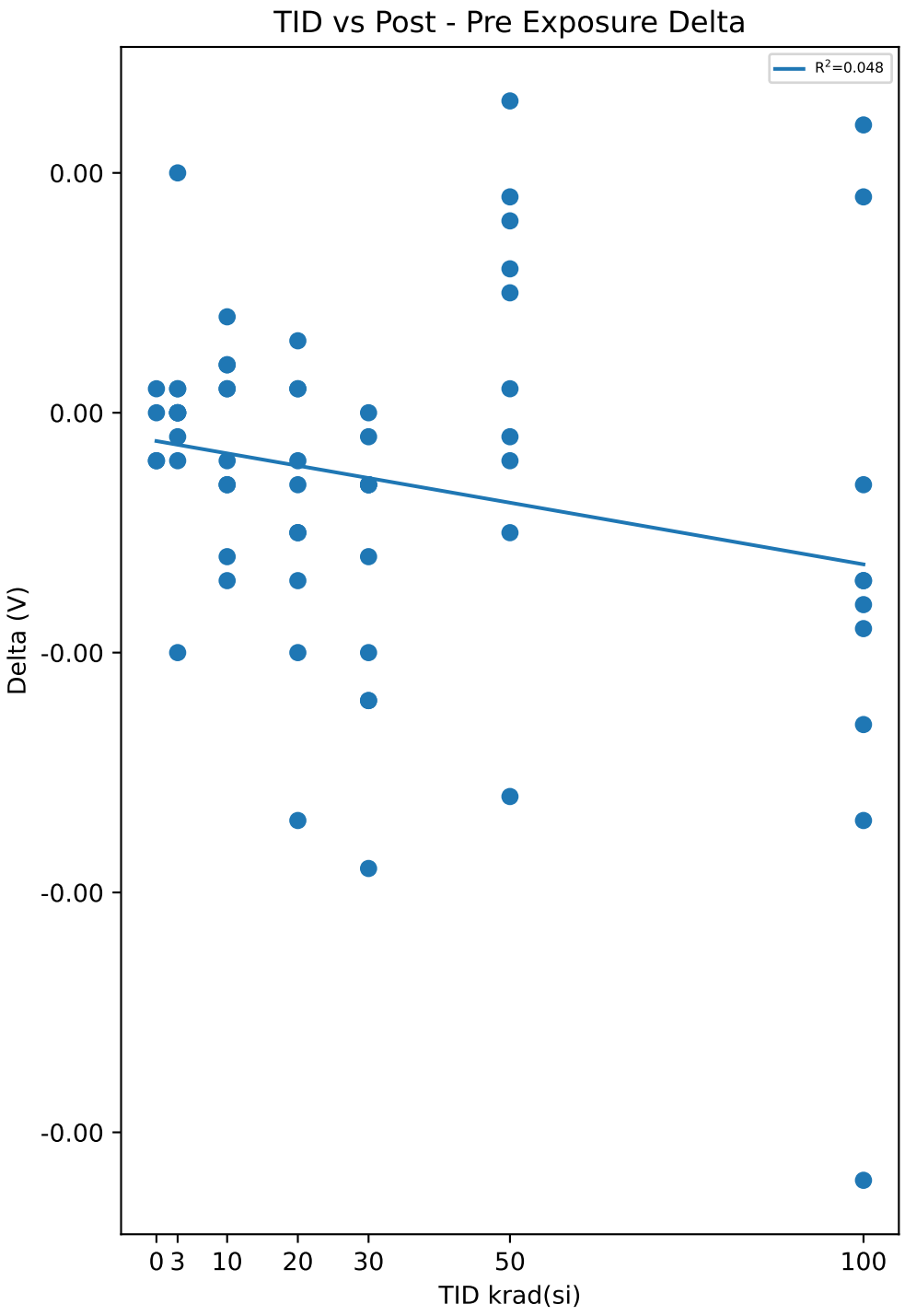
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2245	1.2234	-0.0011
4	3	LDR BIAS	1.2217	1.2216	-0.0001
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2236	1.2237	0.0001
7	3	LDR UNBIAS	1.223	1.223	0
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2233	1.2234	0.0001
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2224	-0.0002
13	0	CORRELATION	1.2214	1.2214	0
14	0	CORRELATION	1.2239	1.2241	0.0002
21	10	LDR BIAS	1.2243	1.2245	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2245	1.2248	0.0003
24	10	LDR BIAS	1.2217	1.2211	-0.0006
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2236	1.2237	0.0001
27	10	LDR UNBIAS	1.223	1.2228	-0.0002
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2233	1.2231	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2217	1.2207	-0.001
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2236	1.2237	0.0001
37	20	LDR UNBIAS	1.223	1.2226	-0.0004
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2231	0.0001
40	20	LDR UNBIAS	1.2233	1.223	-0.0003
41	30	LDR BIAS	1.2243	1.2238	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2245	1.2225	-0.002
44	30	LDR BIAS	1.2217	1.2206	-0.0011
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2236	1.2237	0.0001
47	30	LDR UNBIAS	1.223	1.2229	-0.0001
48	30	LDR UNBIAS	1.2226	1.2215	-0.0011
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2233	1.223	-0.0003
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2217	1.2213	-0.0004
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2236	1.225	0.0014
57	50	LDR UNBIAS	1.223	1.2232	0.0002
58	50	LDR UNBIAS	1.2226	1.2225	-0.0001
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2233	1.2242	0.0009
61	100	LDR BIAS	1.2243	1.224	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2245	1.2212	-0.0033
64	100	LDR BIAS	1.2217	1.2204	-0.0013
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2236	1.2245	0.0009
67	100	LDR UNBIAS	1.223	1.2224	-0.0006
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2233	1.2245	0.0012

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	1.2214	1.2229	1.2239	0.0012014	1.2214	1.2229	1.2241	0.0012356	-0.0002	-5e-05	0.0002	0.00019149
3	1.2217	1.2234	1.2245	0.00086436	1.2216	1.2234	1.2244	0.00086641	-0.0011	2e-05	0.001	0.00050067
10	1.2217	1.2234	1.2245	0.00086436	1.2211	1.2233	1.2248	0.0010594	-0.0007	-9e-05	0.0003	0.00036652
20	1.2217	1.2234	1.2245	0.00086436	1.2207	1.2229	1.2246	0.0010644	-0.0017	-0.00044	0.0003	0.00059666
30	1.2217	1.2234	1.2245	0.00086436	1.2206	1.2227	1.2238	0.00099688	-0.002	-0.00062	0.0001	0.00066466
50	1.2217	1.2234	1.2245	0.00086436	1.2213	1.2236	1.225	0.0011507	-0.0017	0.00022	0.0014	0.00086641
100	1.2217	1.2234	1.2245	0.00086436	1.2204	1.2226	1.2245	0.0013715	-0.0033	-0.00075	0.0012	0.0012774

Device Test: 21.21 VOLTAGE|VREF/VREF/12/12/0/0/5/1MHz//@V_REFCAP





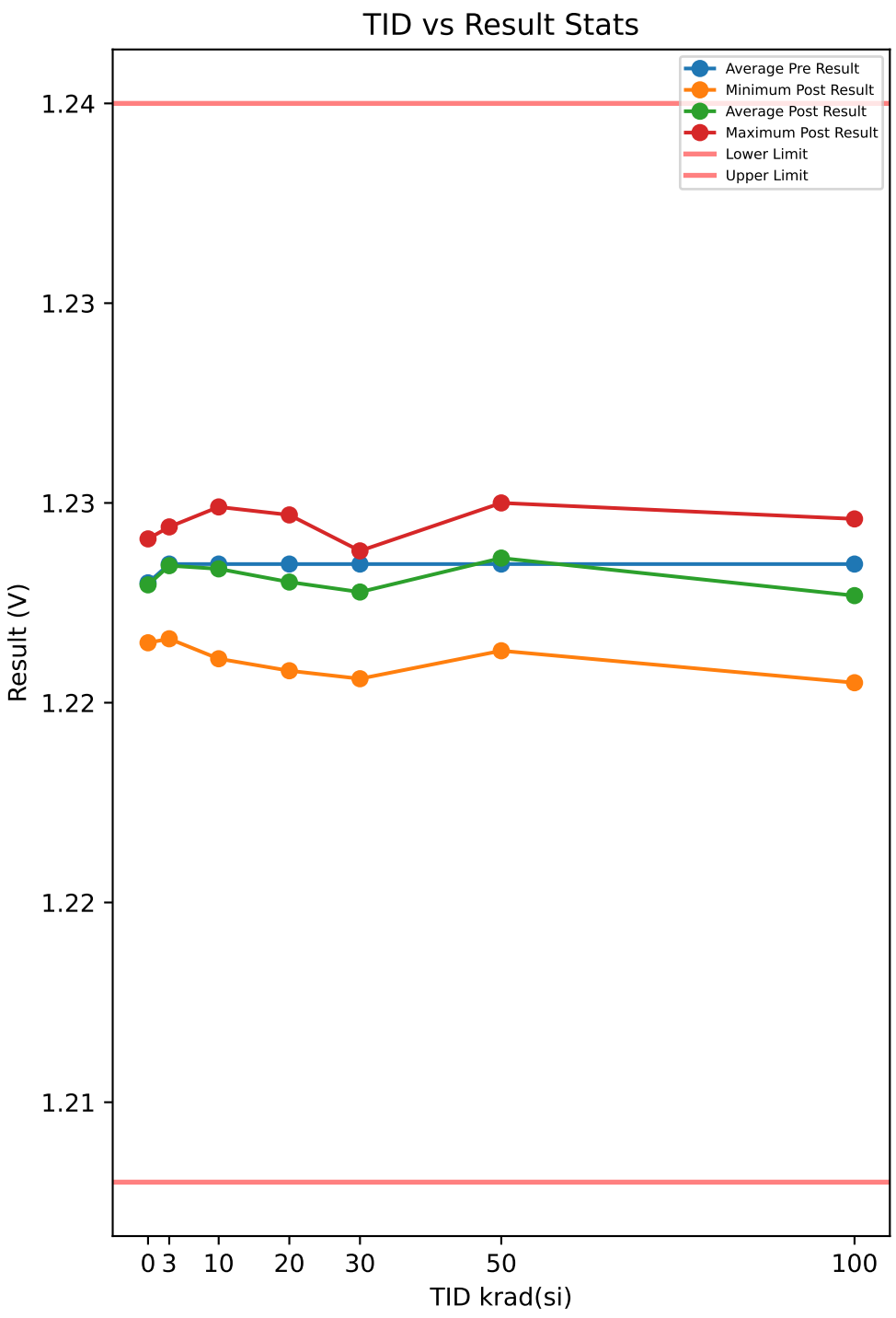
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

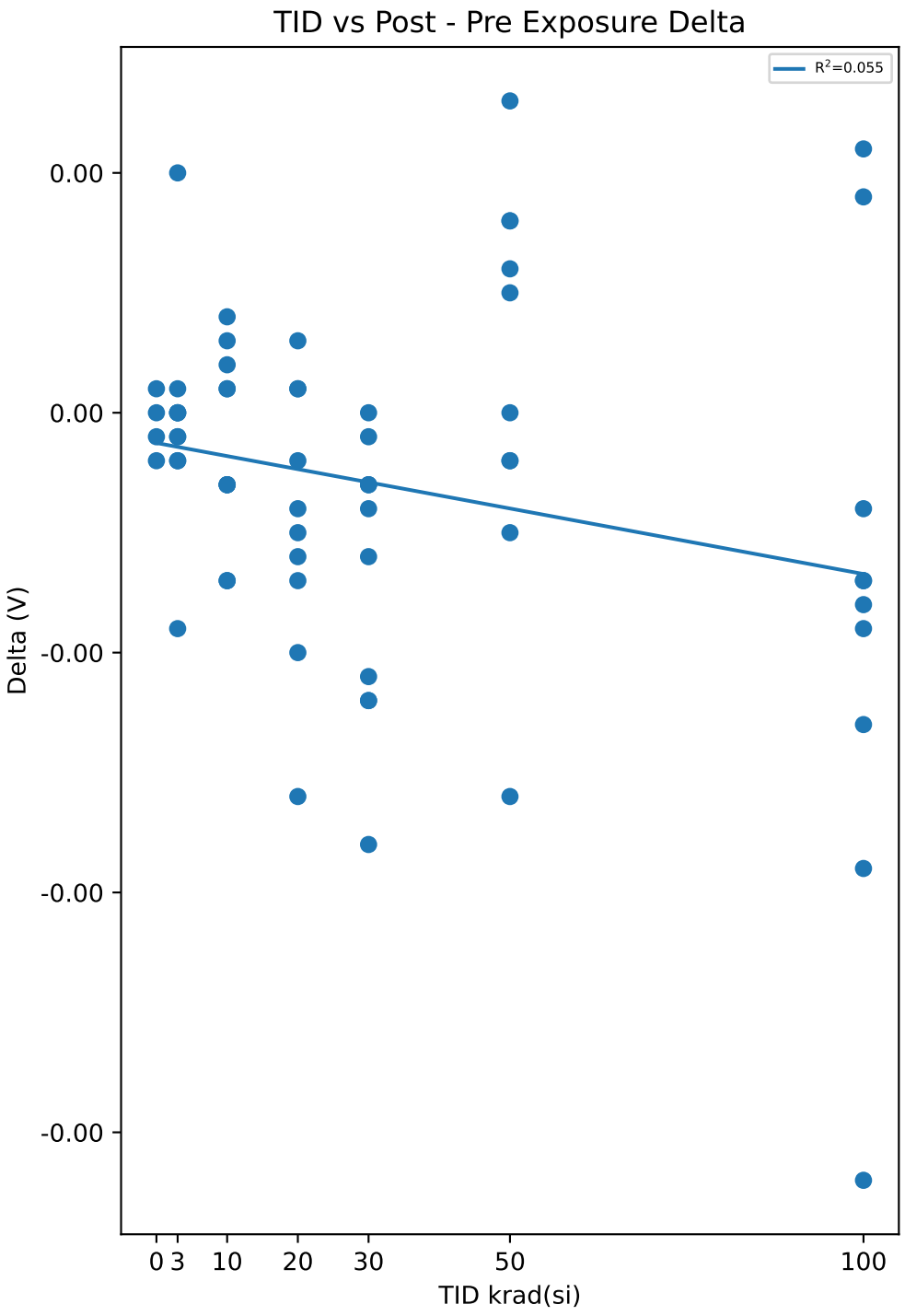
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2244	0
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2245	1.2235	-0.001
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2232	1.2231	-0.0001
8	3	LDR UNBIAS	1.2227	1.2227	0
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2227	1.2225	-0.0002
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2235	0.0001
23	10	LDR BIAS	1.2245	1.2249	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2233	0.0002
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2232	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2238	-0.0006
42	30	LDR BIAS	1.2234	1.2233	-0.0001
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2227	1.2215	-0.0012
49	30	LDR UNBIAS	1.2231	1.2228	-0.0003
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2242	0.0008
53	50	LDR BIAS	1.2245	1.2229	-0.0016
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2232	1.2233	0.0001
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2245	1.2213	-0.0032
64	100	LDR BIAS	1.2218	1.2205	-0.0013
65	100	LDR BIAS	1.2243	1.2226	-0.0017
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2232	1.2224	-0.0008
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.0012014	1.2215	1.223	1.2241	0.0012038	-0.0002	-7.5e-05	0.0001	0.00015
3	1.2218	1.2235	1.2245	0.00083433	1.2216	1.2234	1.2244	0.00087458	-0.001	-1e-05	0.001	0.00047947
10	1.2218	1.2235	1.2245	0.00083433	1.2211	1.2233	1.2249	0.0010803	-0.0007	-0.00011	0.0004	0.00036652
20	1.2218	1.2235	1.2245	0.00083433	1.2208	1.223	1.2247	0.0010661	-0.0017	-0.00044	0.0003	0.00059479
30	1.2218	1.2235	1.2245	0.00083433	1.2206	1.2228	1.2238	0.000998	-0.0019	-0.00069	0	0.00061183
50	1.2218	1.2235	1.2245	0.00083433	1.2213	1.2236	1.225	0.0011643	-0.0016	0.00018	0.0013	0.00083639
100	1.2218	1.2235	1.2245	0.00083433	1.2205	1.2227	1.2246	0.0013736	-0.0032	-0.00075	0.0012	0.0012457

Device Test: 21.23 VOLTAGE|VREF/VREF/14/14/0/0/5/1MHz//@V_REFCAP





Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

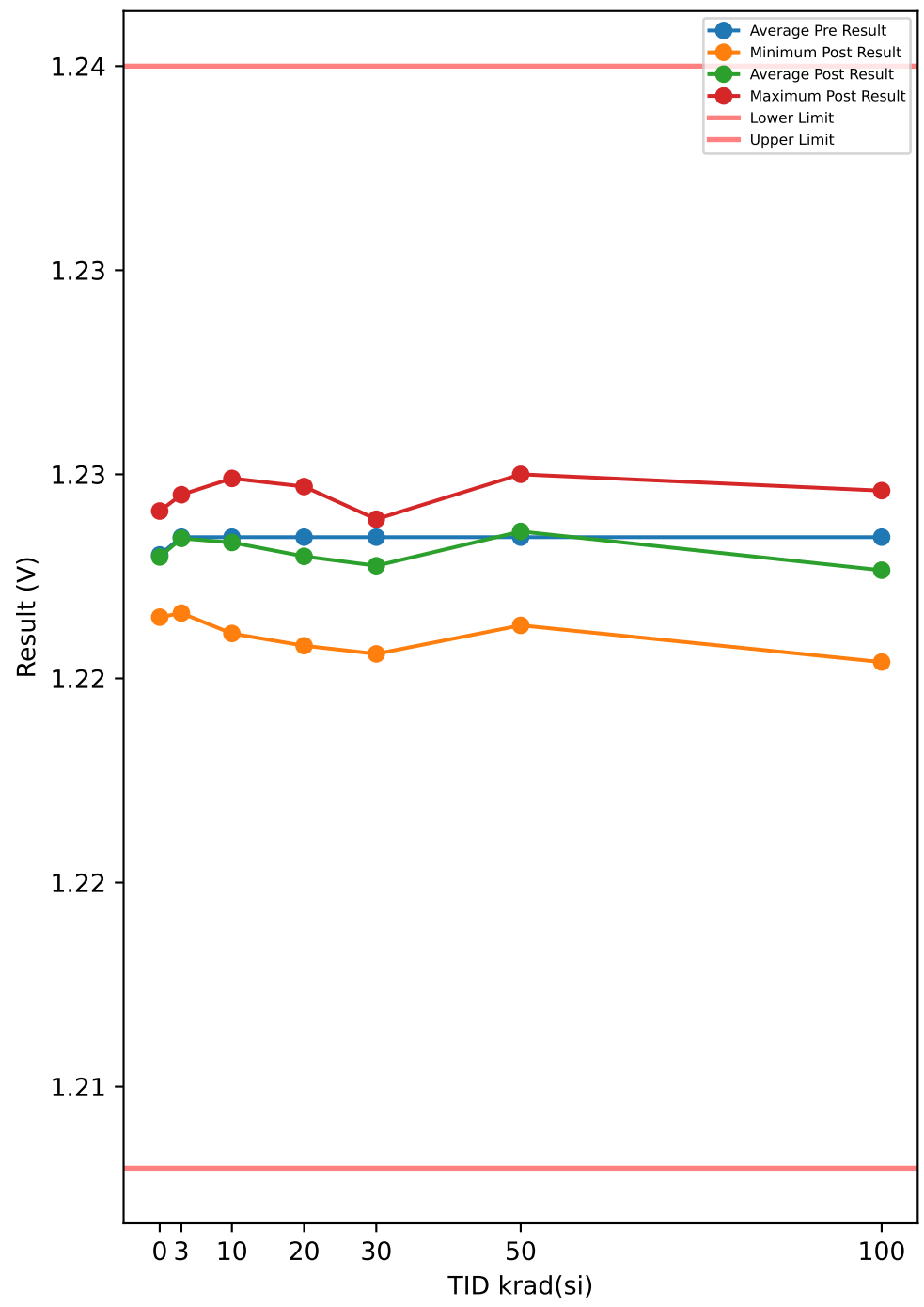
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2244	0
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2245	1.2236	-0.0009
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2244	1.2243	-0.0001
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2232	1.223	-0.0002
8	3	LDR UNBIAS	1.2227	1.2227	0
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2235	1.2234	-0.0001
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2235	0.0001
23	10	LDR BIAS	1.2245	1.2249	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2244	1.2237	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2235	1.2232	-0.0003
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2232	-0.0002
33	20	LDR BIAS	1.2245	1.2229	-0.0016
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2244	1.2238	-0.0006
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2235	1.2231	-0.0004
41	30	LDR BIAS	1.2244	1.2238	-0.0006
42	30	LDR BIAS	1.2234	1.2233	-0.0001
43	30	LDR BIAS	1.2245	1.2227	-0.0018
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2244	1.2233	-0.0011
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2227	1.2215	-0.0012
49	30	LDR UNBIAS	1.2231	1.2228	-0.0003
50	30	LDR UNBIAS	1.2235	1.2231	-0.0004
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2242	0.0008
53	50	LDR BIAS	1.2245	1.2229	-0.0016
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2244	1.2242	-0.0002
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2232	1.2232	0
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2235	1.2243	0.0008
61	100	LDR BIAS	1.2244	1.224	-0.0004
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2245	1.2213	-0.0032
64	100	LDR BIAS	1.2218	1.2205	-0.0013
65	100	LDR BIAS	1.2244	1.2225	-0.0019
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2232	1.2224	-0.0008
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2235	1.2246	0.0011

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	1.2215	1.223	1.224	0.001186	1.2215	1.2229	1.2241	0.0011818	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2235	1.2245	0.00084597	1.2216	1.2234	1.2244	0.00088072	-0.0009	-4e-05	0.001	0.00045995
10	1.2218	1.2235	1.2245	0.00084597	1.2211	1.2233	1.2249	0.0010804	-0.0007	-0.00012	0.0004	0.00039665
20	1.2218	1.2235	1.2245	0.00084597	1.2208	1.223	1.2247	0.0010644	-0.0016	-0.00045	0.0003	0.00057203
30	1.2218	1.2235	1.2245	0.00084597	1.2206	1.2228	1.2238	0.00099672	-0.0018	-0.0007	0	0.00059067
50	1.2218	1.2235	1.2245	0.00084597	1.2213	1.2236	1.225	0.0011679	-0.0016	0.00015	0.0013	0.000833
100	1.2218	1.2235	1.2245	0.00084597	1.2205	1.2227	1.2246	0.0013637	-0.0032	-0.00079	0.0011	0.0012432

Device Test: 21.25 VOLTAGE|VREF/VREF/4.5/4.5/0/1000/4.5/100kHz//@V_REFCAP

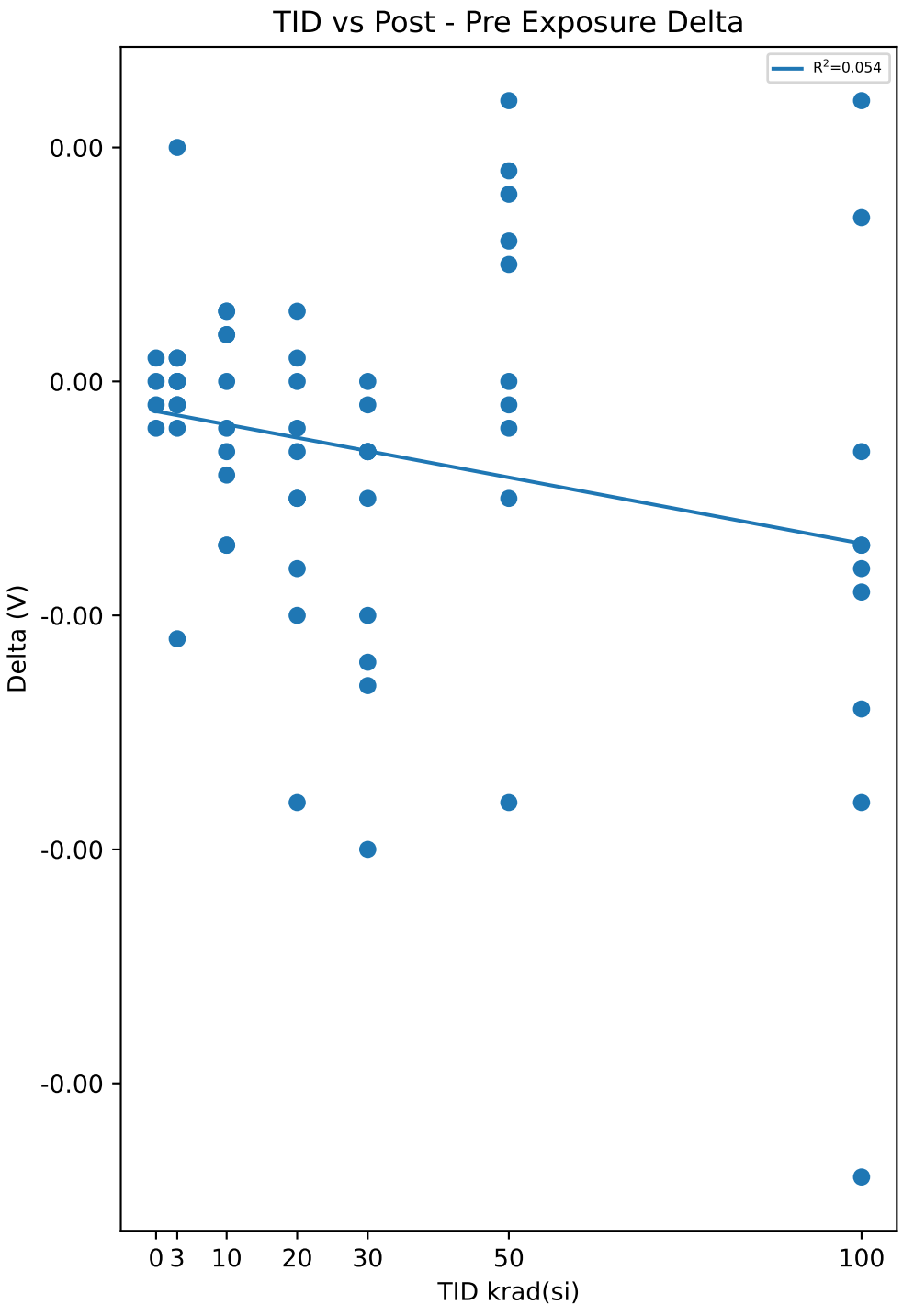
TID vs Result Stats



Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2246	1.2235	-0.0011
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2238	1.2237	-0.0001
7	3	LDR UNBIAS	1.2232	1.2231	-0.0001
8	3	LDR UNBIAS	1.2227	1.2227	0
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2246	1.2249	0.0003
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2238	1.2238	0
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2223	-0.0004
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2246	1.2228	-0.0018
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2238	1.2238	0
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.2219	-0.0008
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2246	1.2226	-0.002
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2238	1.2237	-0.0001
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2227	1.2214	-0.0013
49	30	LDR UNBIAS	1.2231	1.2228	-0.0003
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2246	1.2228	-0.0018
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2238	1.225	0.0012
57	50	LDR UNBIAS	1.2232	1.2232	0
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2246	1.2212	-0.0034
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2238	1.2245	0.0007
67	100	LDR UNBIAS	1.2232	1.2225	-0.0007
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.2231	1.2223	-0.0008
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

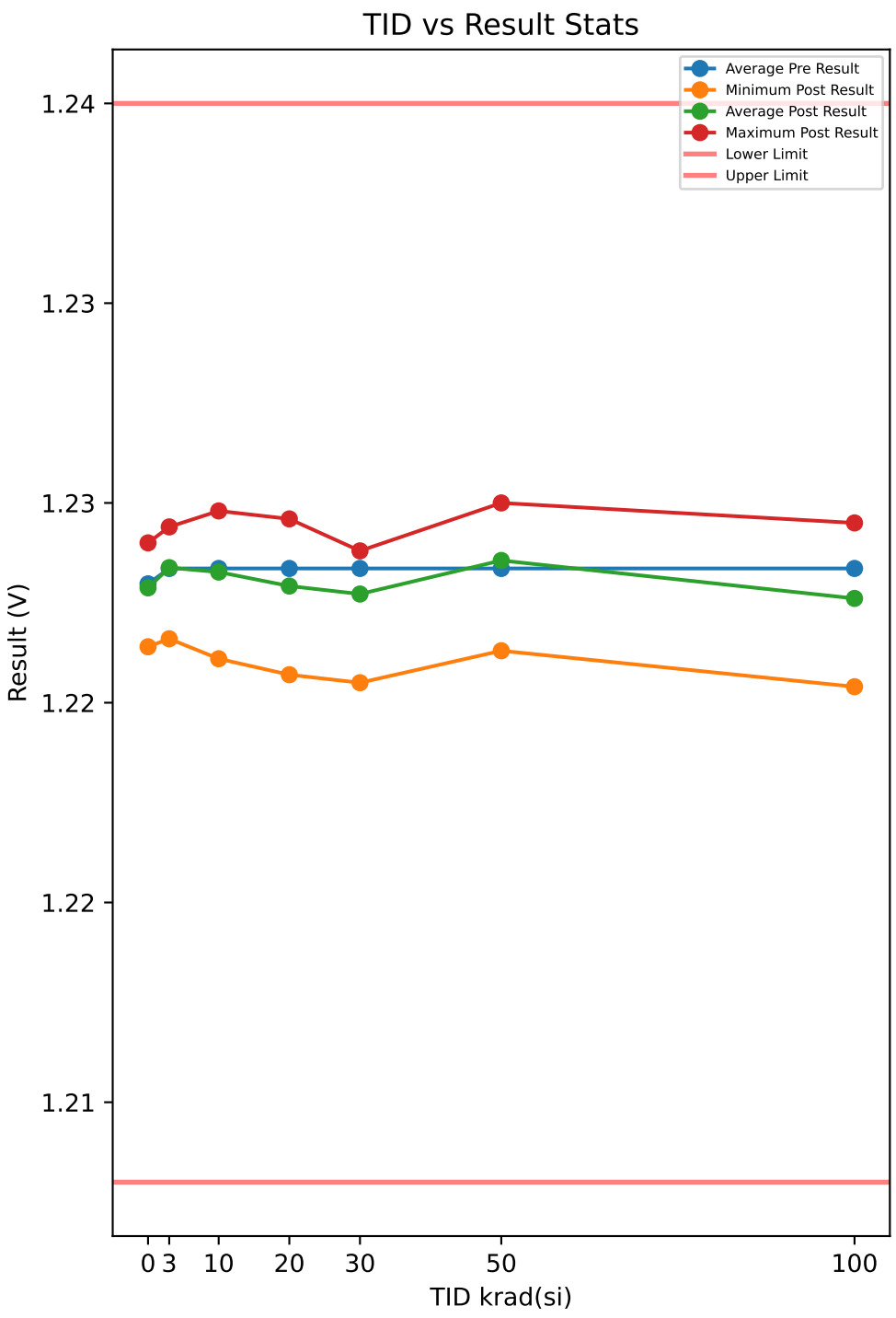
TID vs Post - Pre Exposure Delta

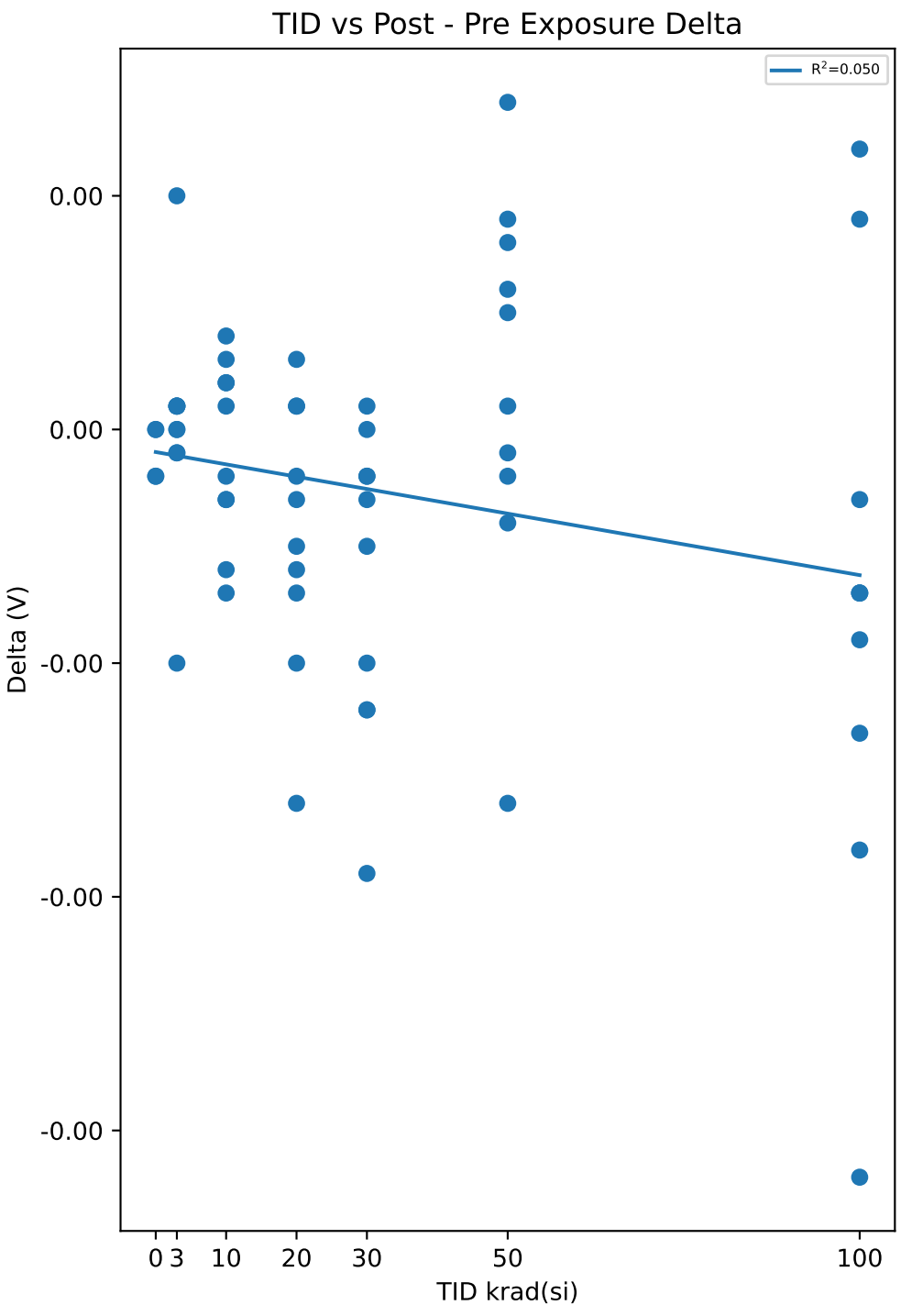


Test Statistics (V)

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	1.2215	1.223	1.224	0.0012121	1.2215	1.223	1.2241	0.0012038	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2235	1.2246	0.00085401	1.2216	1.2234	1.2245	0.00087184	-0.0011	-3e-05	0.001	0.00050343
10	1.2218	1.2235	1.2246	0.00085401	1.2211	1.2233	1.2249	0.0010874	-0.0007	-0.00013	0.0003	0.00038887
20	1.2218	1.2235	1.2246	0.00085401	1.2208	1.223	1.2247	0.0010754	-0.0018	-0.00047	0.0003	0.00061473
30	1.2218	1.2235	1.2246	0.00085401	1.2206	1.2228	1.2239	0.0010244	-0.002	-0.0007	0	0.00064636
50	1.2218	1.2235	1.2246	0.00085401	1.2213	1.2236	1.225	0.00117	-0.0018	0.00014	0.0012	0.00087203
100	1.2218	1.2235	1.2246	0.00085401	1.2204	1.2227	1.2246	0.0013898	-0.0034	-0.00081	0.0012	0.0012758

Device Test: 21.27 VOLTAGE|VREF/VREF/5/5/0/1000/5/100kHz//@V_REFCAP





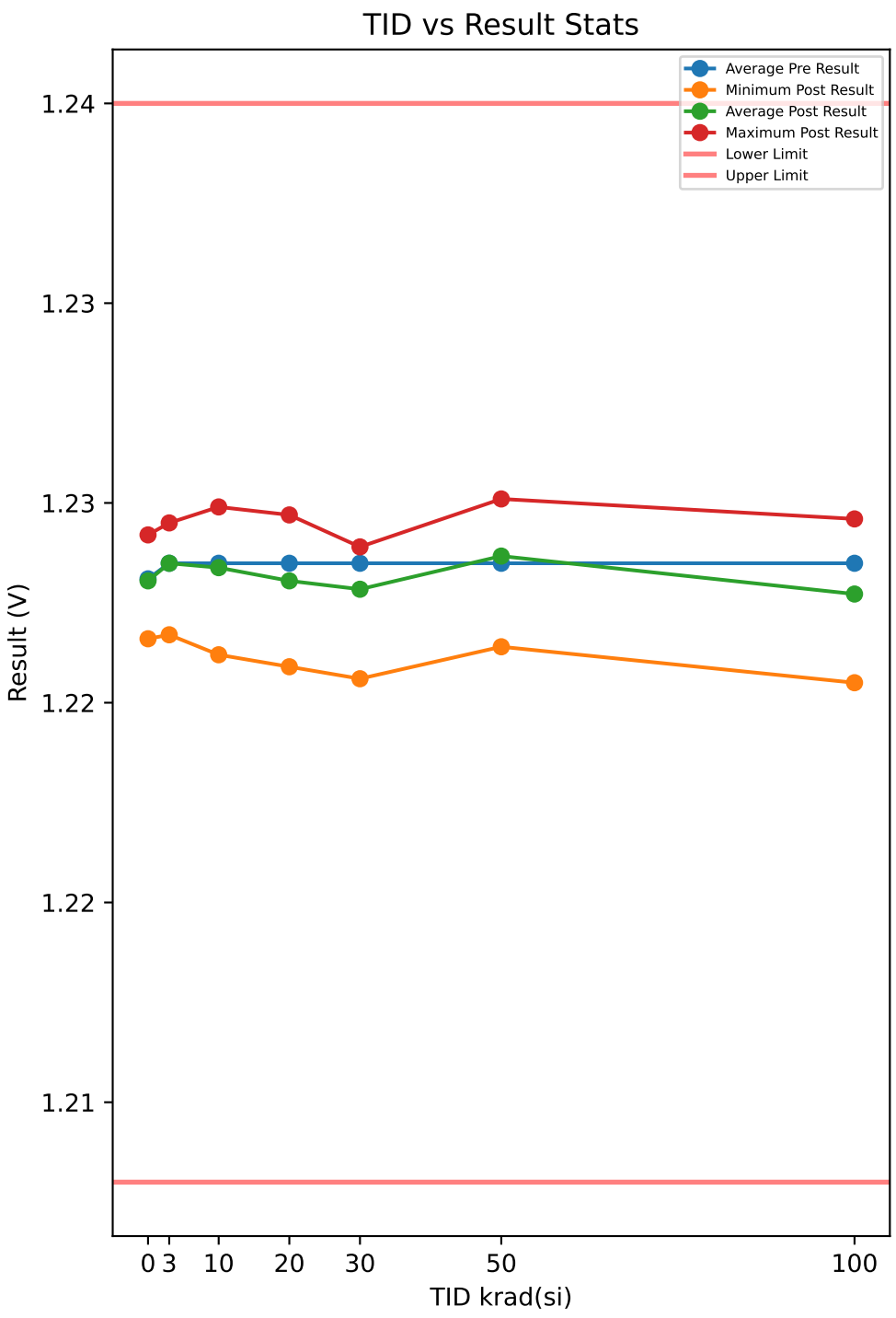
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

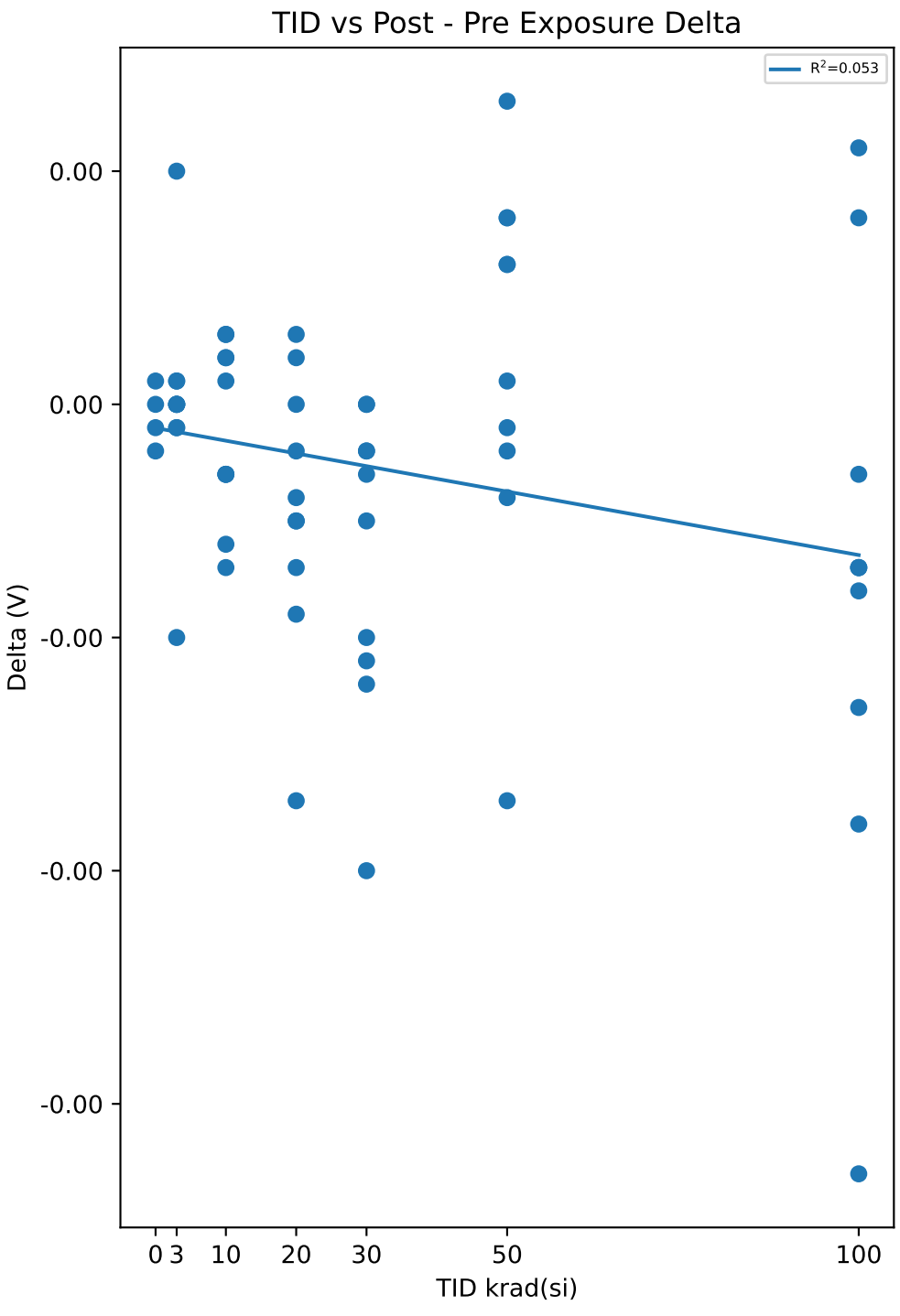
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2244	1.2234	-0.001
4	3	LDR BIAS	1.2217	1.2216	-0.0001
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2236	1.2237	0.0001
7	3	LDR UNBIAS	1.2231	1.223	-0.0001
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2233	1.2234	0.0001
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2224	-0.0002
13	0	CORRELATION	1.2214	1.2214	0
14	0	CORRELATION	1.224	1.224	0
21	10	LDR BIAS	1.2243	1.2245	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2244	1.2248	0.0004
24	10	LDR BIAS	1.2217	1.2211	-0.0006
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2236	1.2237	0.0001
27	10	LDR UNBIAS	1.2231	1.2228	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2233	1.2231	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2244	1.2228	-0.0016
34	20	LDR BIAS	1.2217	1.2207	-0.001
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2236	1.2237	0.0001
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2231	0.0001
40	20	LDR UNBIAS	1.2233	1.223	-0.0003
41	30	LDR BIAS	1.2243	1.2238	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2244	1.2225	-0.0019
44	30	LDR BIAS	1.2217	1.2205	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2236	1.2237	0.0001
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2226	1.2214	-0.0012
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2233	1.223	-0.0003
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2244	1.2228	-0.0016
54	50	LDR BIAS	1.2217	1.2213	-0.0004
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2236	1.225	0.0014
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.223	1.2235	0.0005
60	50	LDR UNBIAS	1.2233	1.2242	0.0009
61	100	LDR BIAS	1.2243	1.224	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2244	1.2212	-0.0032
64	100	LDR BIAS	1.2217	1.2204	-0.0013
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2236	1.2245	0.0009
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2233	1.2245	0.0012

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	1.2214	1.223	1.224	0.0012285	1.2214	1.2229	1.224	0.0012038	-0.0002	-0.0001	0	0.00011547
3	1.2217	1.2234	1.2244	0.00084617	1.2216	1.2234	1.2244	0.00086641	-0.001	2e-05	0.001	0.00047796
10	1.2217	1.2234	1.2244	0.00084617	1.2211	1.2233	1.2248	0.0010594	-0.0007	-9e-05	0.0004	0.00038427
20	1.2217	1.2234	1.2244	0.00084617	1.2207	1.2229	1.2246	0.0010644	-0.0016	-0.00044	0.0003	0.00057388
30	1.2217	1.2234	1.2244	0.00084617	1.2205	1.2227	1.2238	0.0010347	-0.0019	-0.00064	0.0001	0.00065184
50	1.2217	1.2234	1.2244	0.00084617	1.2213	1.2236	1.225	0.0011616	-0.0016	0.0002	0.0014	0.00084327
100	1.2217	1.2234	1.2244	0.00084617	1.2204	1.2226	1.2245	0.0013715	-0.0032	-0.00075	0.0012	0.0012545

Device Test: 21.29 VOLTAGE|VREF/VREF/12/12/0/1000/5/100kHz//@V_REFCAP





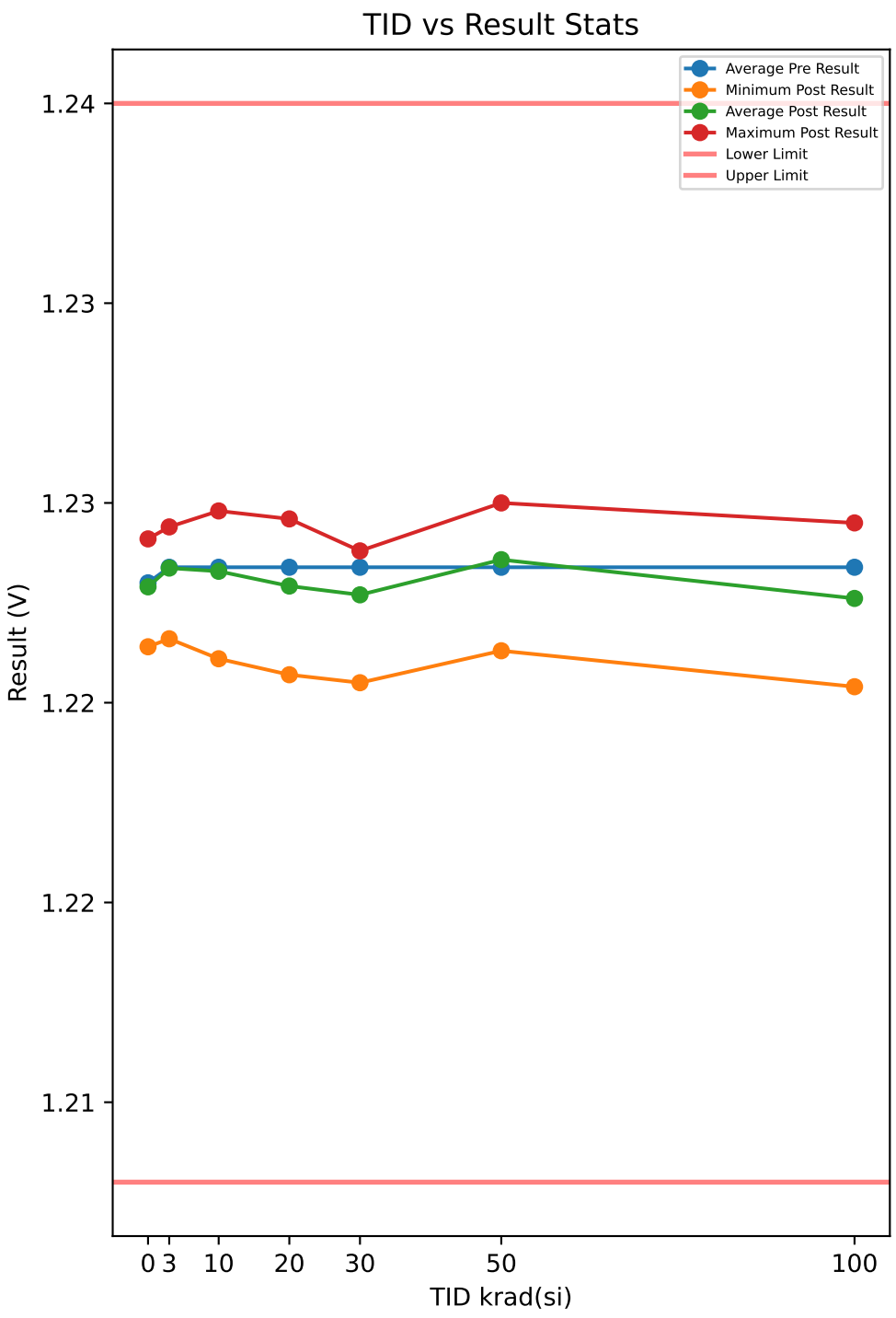
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

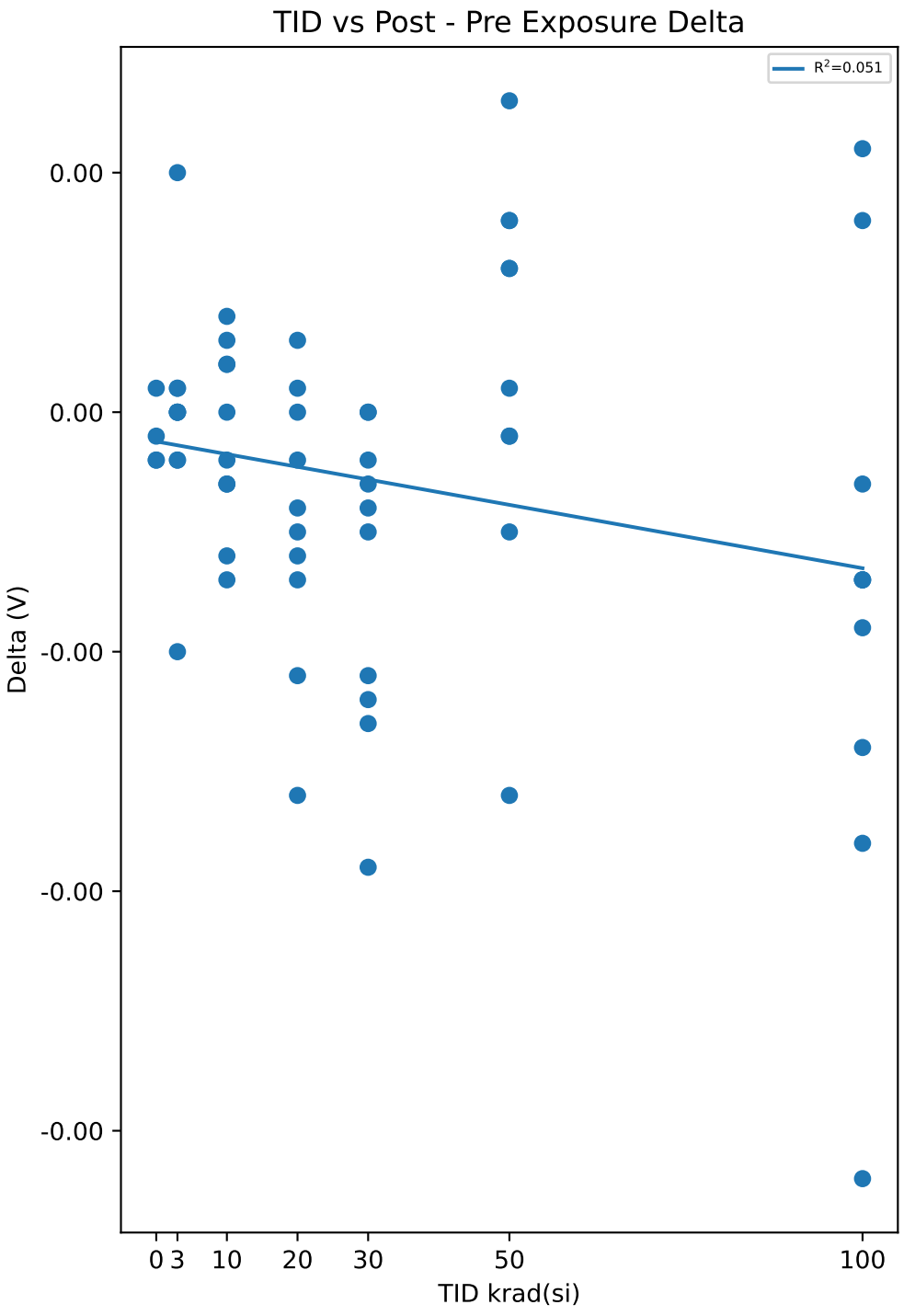
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2246	1.2236	-0.001
4	3	LDR BIAS	1.2218	1.2217	-0.0001
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2238	1.2238	0
7	3	LDR UNBIAS	1.2232	1.2231	-0.0001
8	3	LDR UNBIAS	1.2227	1.2228	0.0001
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2235	1.2235	0
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2227	1.2226	-0.0001
13	0	CORRELATION	1.2216	1.2216	0
14	0	CORRELATION	1.2241	1.2242	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2236	0.0002
23	10	LDR BIAS	1.2246	1.2249	0.0003
24	10	LDR BIAS	1.2218	1.2212	-0.0006
25	10	LDR BIAS	1.2244	1.2237	-0.0007
26	10	LDR UNBIAS	1.2238	1.2239	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2235	1.2232	-0.0003
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2232	-0.0002
33	20	LDR BIAS	1.2246	1.2229	-0.0017
34	20	LDR BIAS	1.2218	1.2209	-0.0009
35	20	LDR BIAS	1.2244	1.2239	-0.0005
36	20	LDR UNBIAS	1.2238	1.2238	0
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.2231	1.2233	0.0002
40	20	LDR UNBIAS	1.2235	1.2231	-0.0004
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2234	1.2234	0
43	30	LDR BIAS	1.2246	1.2226	-0.002
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2238	1.2238	0
47	30	LDR UNBIAS	1.2232	1.223	-0.0002
48	30	LDR UNBIAS	1.2227	1.2216	-0.0011
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2235	1.2232	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2242	0.0008
53	50	LDR BIAS	1.2246	1.2229	-0.0017
54	50	LDR BIAS	1.2218	1.2214	-0.0004
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2238	1.2251	0.0013
57	50	LDR UNBIAS	1.2232	1.2233	0.0001
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2237	0.0006
60	50	LDR UNBIAS	1.2235	1.2243	0.0008
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2246	1.2213	-0.0033
64	100	LDR BIAS	1.2218	1.2205	-0.0013
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2238	1.2246	0.0008
67	100	LDR UNBIAS	1.2232	1.2225	-0.0007
68	100	LDR UNBIAS	1.2227	1.2219	-0.0008
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2235	1.2246	0.0011

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	1.2216	1.2231	1.2241	0.001186	1.2216	1.223	1.2242	0.0011818	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2235	1.2246	0.00086339	1.2217	1.2235	1.2245	0.00086724	-0.001	2.2204e-17	0.001	0.0004761
10	1.2218	1.2235	1.2246	0.00086339	1.2212	1.2234	1.2249	0.0010644	-0.0007	-0.00011	0.0003	0.0003755
20	1.2218	1.2235	1.2246	0.00086339	1.2209	1.223	1.2247	0.0010522	-0.0017	-0.00044	0.0003	0.00058538
30	1.2218	1.2235	1.2246	0.00086339	1.2206	1.2228	1.2239	0.0010244	-0.002	-0.00065	0	0.00065362
50	1.2218	1.2235	1.2246	0.00086339	1.2214	1.2237	1.2251	0.0011615	-0.0017	0.00018	0.0013	0.00084827
100	1.2218	1.2235	1.2246	0.00086339	1.2205	1.2227	1.2246	0.0013645	-0.0033	-0.00077	0.0011	0.0012446

Device Test: 21.3 VOLTAGE|VREF/VREF/5/5/0/0/5/100kHz//@V_REFCAP





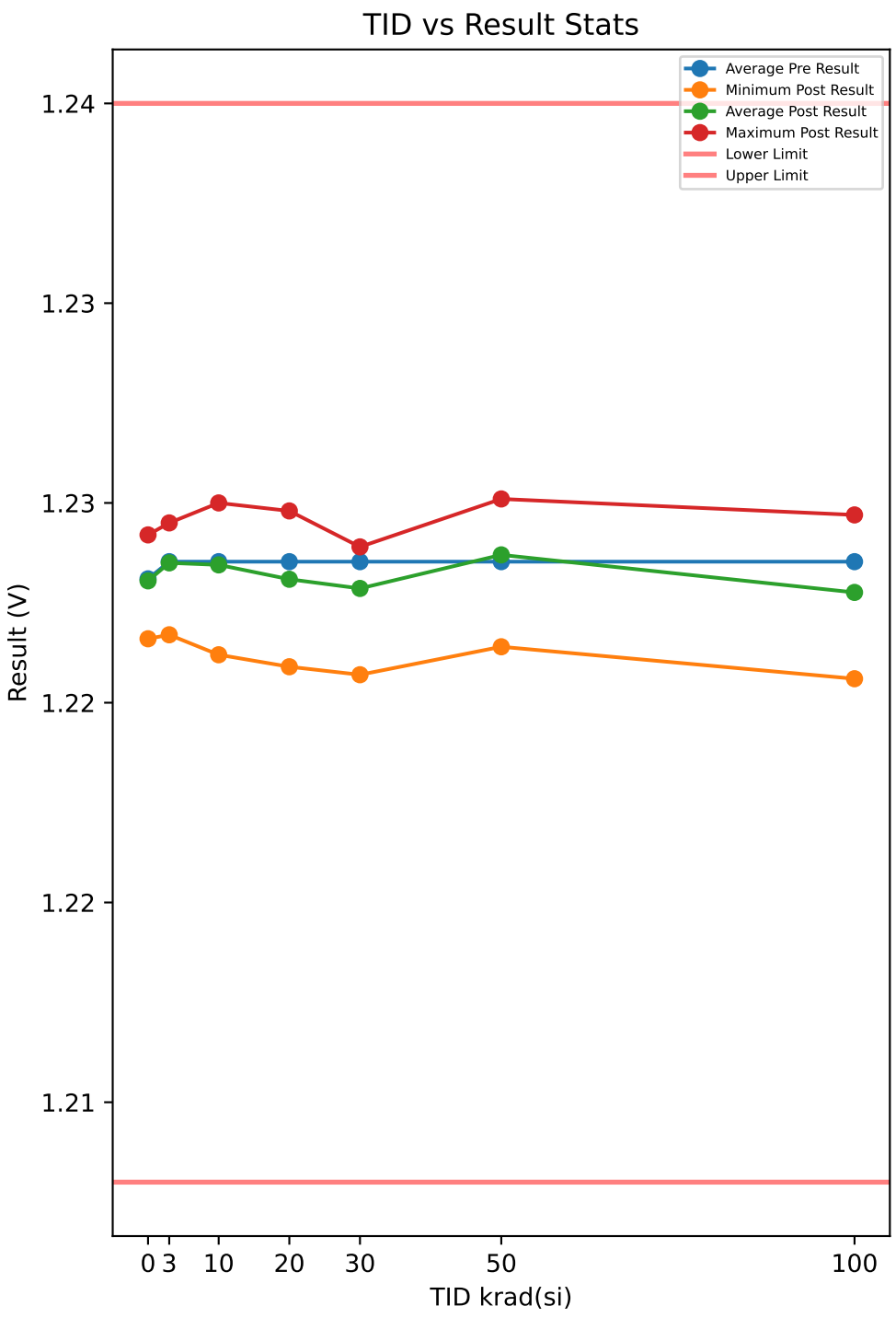
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

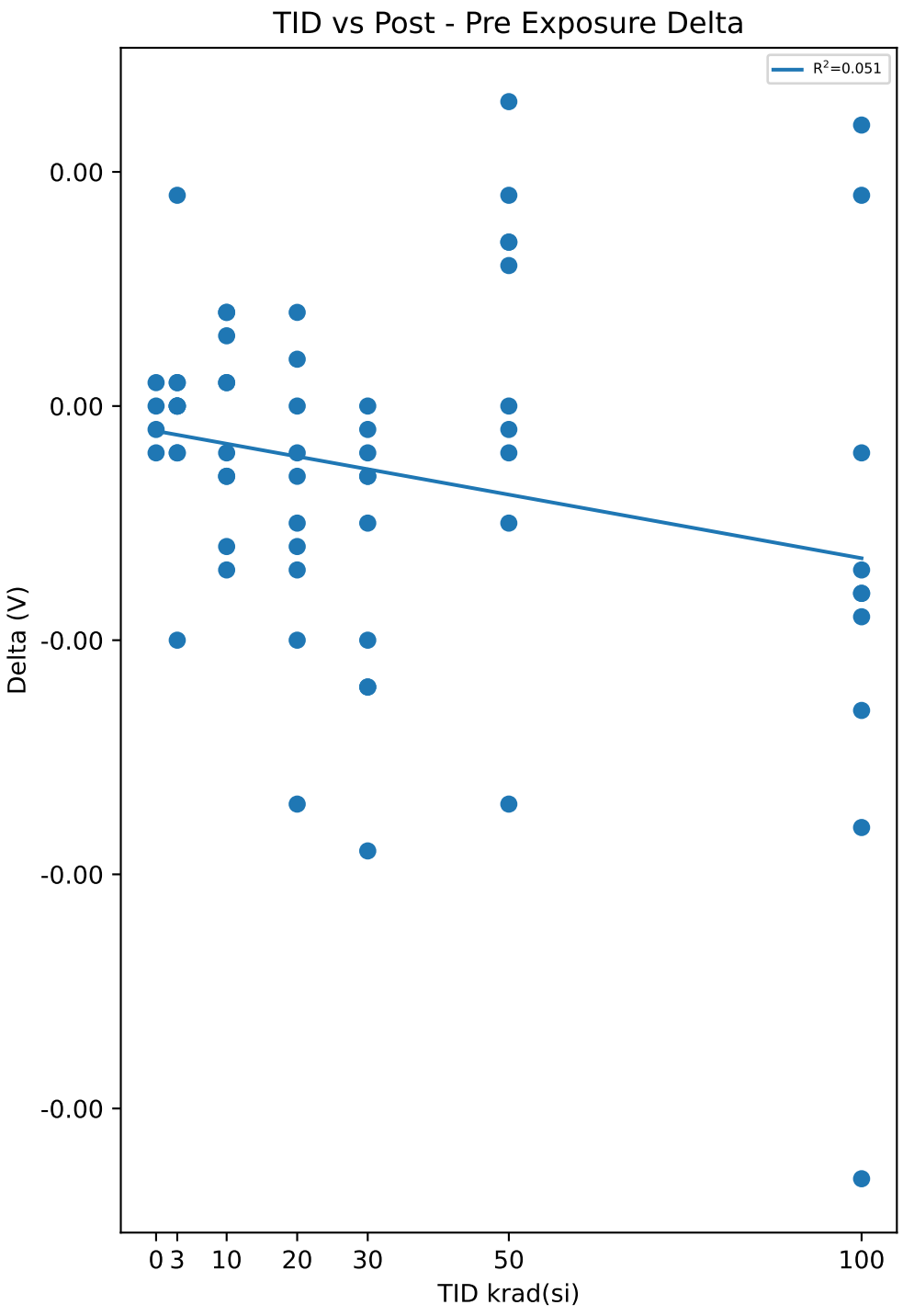
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2244	1.2234	-0.001
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2237	0
7	3	LDR UNBIAS	1.2231	1.2229	-0.0002
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2234	1.2234	0
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2224	-0.0002
13	0	CORRELATION	1.2215	1.2214	-0.0001
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2243	1.2245	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2244	1.2248	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2237	1.2237	0
27	10	LDR UNBIAS	1.2231	1.2228	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2244	1.2228	-0.0016
34	20	LDR BIAS	1.2218	1.2207	-0.0011
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2237	1.2237	0
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2231	0.0001
40	20	LDR UNBIAS	1.2234	1.223	-0.0004
41	30	LDR BIAS	1.2243	1.2238	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2244	1.2225	-0.0019
44	30	LDR BIAS	1.2218	1.2205	-0.0013
45	30	LDR BIAS	1.2243	1.2232	-0.0011
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2226	1.2214	-0.0012
49	30	LDR UNBIAS	1.223	1.2227	-0.0003
50	30	LDR UNBIAS	1.2234	1.223	-0.0004
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2244	1.2228	-0.0016
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2225	-0.0001
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2234	1.2242	0.0008
61	100	LDR BIAS	1.2243	1.224	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2244	1.2212	-0.0032
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2237	1.2245	0.0008
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2234	1.2245	0.0011

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	1.2215	1.223	1.224	0.001186	1.2214	1.2229	1.2241	0.0012356	-0.0002	-0.0001	0.0001	0.00014142
3	1.2218	1.2234	1.2244	0.00082792	1.2216	1.2234	1.2244	0.00087184	-0.001	-2e-05	0.001	0.00048259
10	1.2218	1.2234	1.2244	0.00082792	1.2211	1.2233	1.2248	0.0010619	-0.0007	-0.0001	0.0004	0.00038006
20	1.2218	1.2234	1.2244	0.00082792	1.2207	1.2229	1.2246	0.0010644	-0.0016	-0.00047	0.0003	0.00057359
30	1.2218	1.2234	1.2244	0.00082792	1.2205	1.2227	1.2238	0.0010285	-0.0019	-0.00069	0	0.00064369
50	1.2218	1.2234	1.2244	0.00082792	1.2213	1.2236	1.225	0.0011507	-0.0016	0.00019	0.0013	0.00082792
100	1.2218	1.2234	1.2244	0.00082792	1.2204	1.2226	1.2245	0.0013715	-0.0032	-0.00078	0.0011	0.0012282

Device Test: 21.31 VOLTAGE|VREF/VREF/14/14/0/1000/5/100kHz//@V_REFCAP





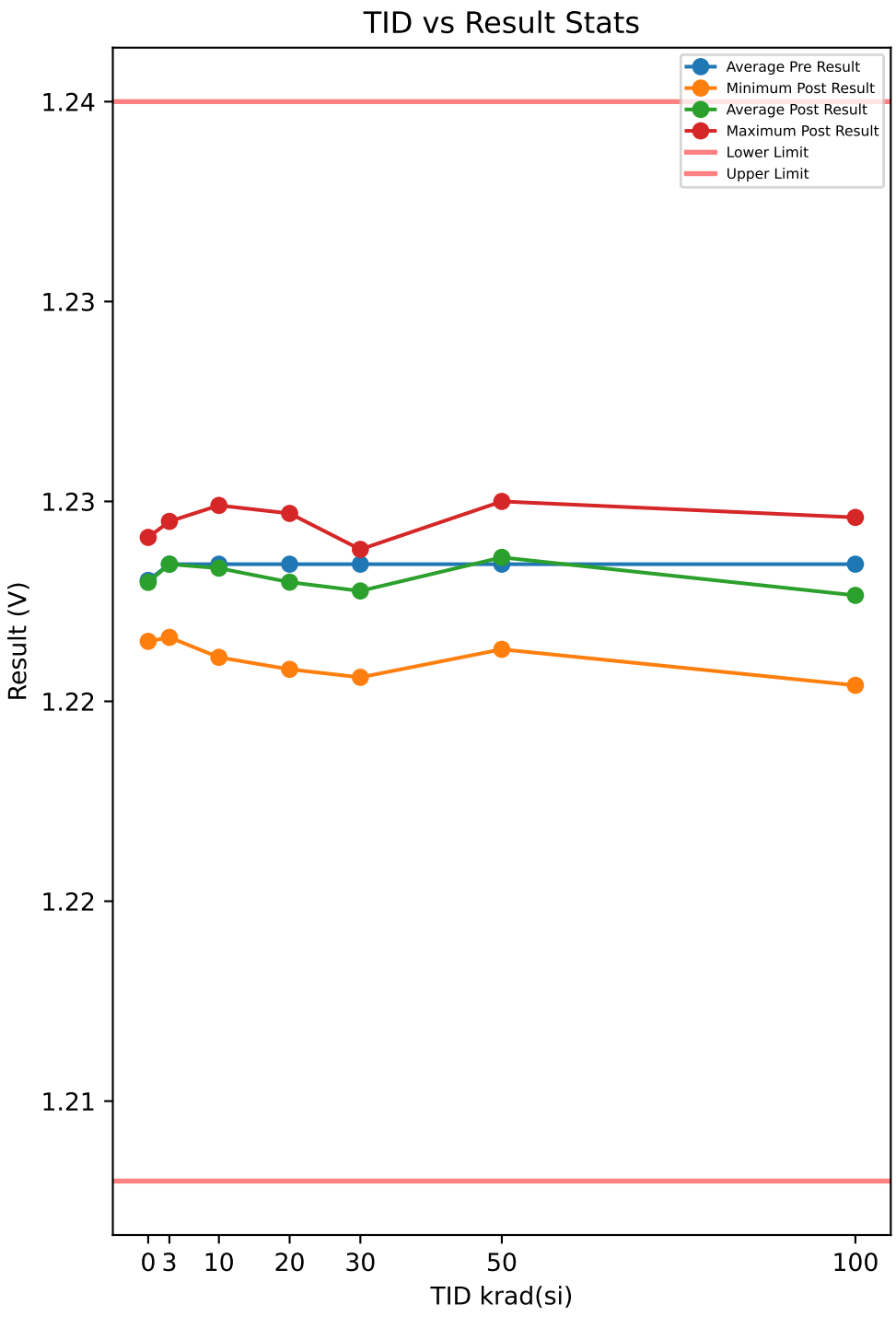
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

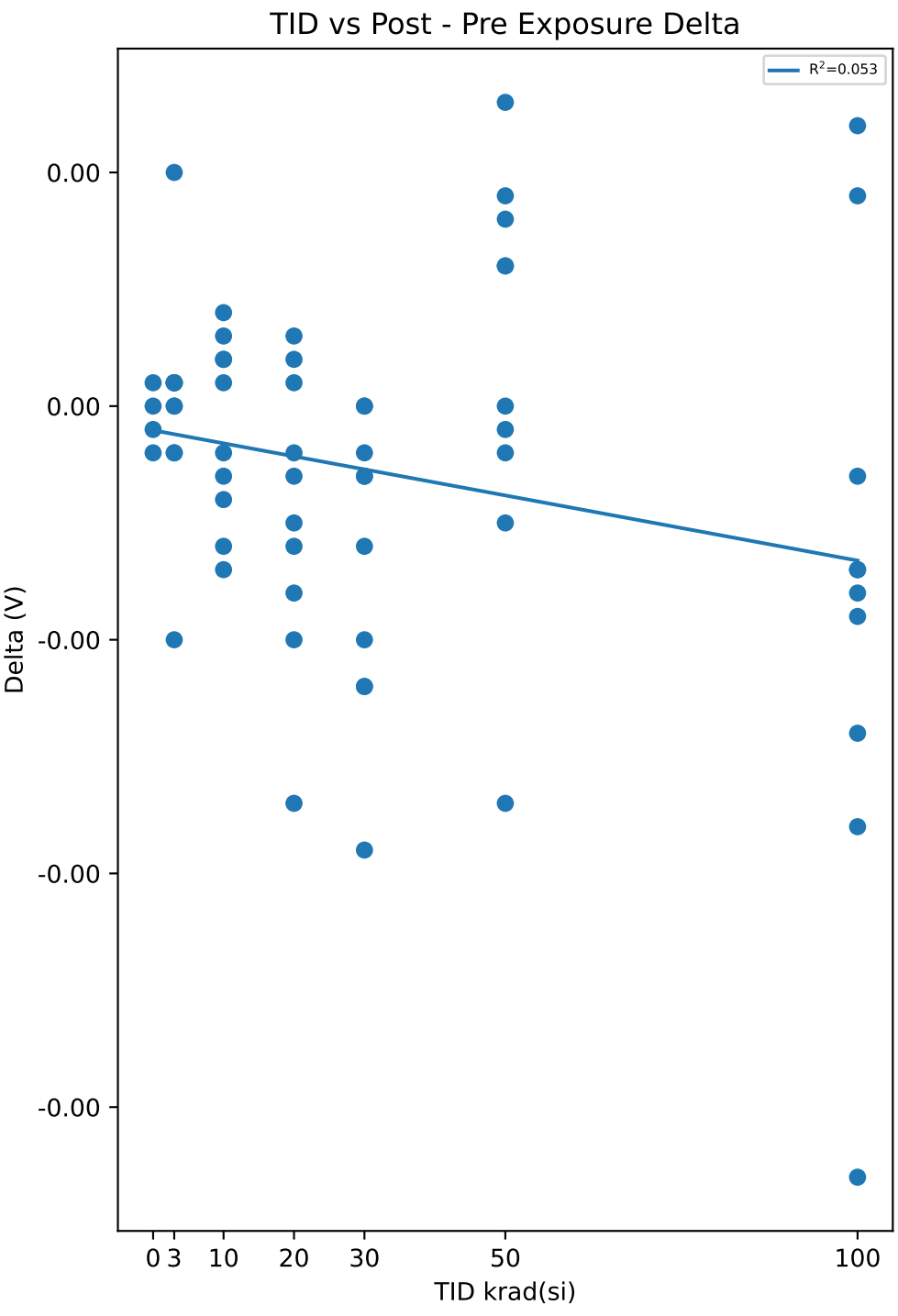
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2235	1.2244	0.0009
3	3	LDR BIAS	1.2246	1.2236	-0.001
4	3	LDR BIAS	1.2219	1.2217	-0.0002
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2238	1.2239	0.0001
7	3	LDR UNBIAS	1.2233	1.2231	-0.0002
8	3	LDR UNBIAS	1.2228	1.2228	0
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2235	1.2235	0
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2227	1.2226	-0.0001
13	0	CORRELATION	1.2216	1.2216	0
14	0	CORRELATION	1.2241	1.2242	0.0001
21	10	LDR BIAS	1.2244	1.2247	0.0003
22	10	LDR BIAS	1.2235	1.2236	0.0001
23	10	LDR BIAS	1.2246	1.225	0.0004
24	10	LDR BIAS	1.2219	1.2212	-0.0007
25	10	LDR BIAS	1.2244	1.2238	-0.0006
26	10	LDR UNBIAS	1.2238	1.2239	0.0001
27	10	LDR UNBIAS	1.2233	1.223	-0.0003
28	10	LDR UNBIAS	1.2228	1.2225	-0.0003
29	10	LDR UNBIAS	1.2231	1.2235	0.0004
30	10	LDR UNBIAS	1.2235	1.2233	-0.0002
31	20	LDR BIAS	1.2244	1.2248	0.0004
32	20	LDR BIAS	1.2235	1.2233	-0.0002
33	20	LDR BIAS	1.2246	1.2229	-0.0017
34	20	LDR BIAS	1.2219	1.2209	-0.001
35	20	LDR BIAS	1.2244	1.2239	-0.0005
36	20	LDR UNBIAS	1.2238	1.2238	0
37	20	LDR UNBIAS	1.2233	1.2227	-0.0006
38	20	LDR UNBIAS	1.2228	1.2221	-0.0007
39	20	LDR UNBIAS	1.2231	1.2233	0.0002
40	20	LDR UNBIAS	1.2235	1.2232	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2235	1.2234	-0.0001
43	30	LDR BIAS	1.2246	1.2227	-0.0019
44	30	LDR BIAS	1.2219	1.2207	-0.0012
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2238	1.2238	0
47	30	LDR UNBIAS	1.2233	1.223	-0.0003
48	30	LDR UNBIAS	1.2228	1.2216	-0.0012
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2235	1.2232	-0.0003
51	50	LDR BIAS	1.2244	1.2251	0.0007
52	50	LDR BIAS	1.2235	1.2242	0.0007
53	50	LDR BIAS	1.2246	1.2229	-0.0017
54	50	LDR BIAS	1.2219	1.2214	-0.0005
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2238	1.2251	0.0013
57	50	LDR UNBIAS	1.2233	1.2233	0
58	50	LDR UNBIAS	1.2228	1.2226	-0.0002
59	50	LDR UNBIAS	1.2231	1.2237	0.0006
60	50	LDR UNBIAS	1.2235	1.2244	0.0009
61	100	LDR BIAS	1.2244	1.2242	-0.0002
62	100	LDR BIAS	1.2235	1.2227	-0.0008
63	100	LDR BIAS	1.2246	1.2213	-0.0033
64	100	LDR BIAS	1.2219	1.2206	-0.0013
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2238	1.2247	0.0009
67	100	LDR UNBIAS	1.2233	1.2225	-0.0008
68	100	LDR UNBIAS	1.2228	1.2219	-0.0009
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2235	1.2247	0.0012

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	1.2216	1.2231	1.2241	0.001186	1.2216	1.223	1.2242	0.0011818	-0.0002	-5e-05	0.0001	0.0001291
3	1.2219	1.2235	1.2246	0.00082738	1.2217	1.2235	1.2245	0.00087178	-0.001	-3e-05	0.0009	0.00045959
10	1.2219	1.2235	1.2246	0.00082738	1.2212	1.2235	1.225	0.0010804	-0.0007	-8e-05	0.0004	0.00039944
20	1.2219	1.2235	1.2246	0.00082738	1.2209	1.2231	1.2248	0.0010619	-0.0017	-0.00044	0.0004	0.00061319
30	1.2219	1.2235	1.2246	0.00082738	1.2207	1.2229	1.2239	0.000998	-0.0019	-0.00067	0	0.00062191
50	1.2219	1.2235	1.2246	0.00082738	1.2214	1.2237	1.2251	0.00117	-0.0017	0.00017	0.0013	0.00086545
100	1.2219	1.2235	1.2246	0.00082738	1.2206	1.2228	1.2247	0.001389	-0.0033	-0.00077	0.0012	0.0012807

Device Test: 21.33 VOLTAGE|VREF/VREF/4.5/4.5/0/1000/4.5/500kHz//@V_REFCAP





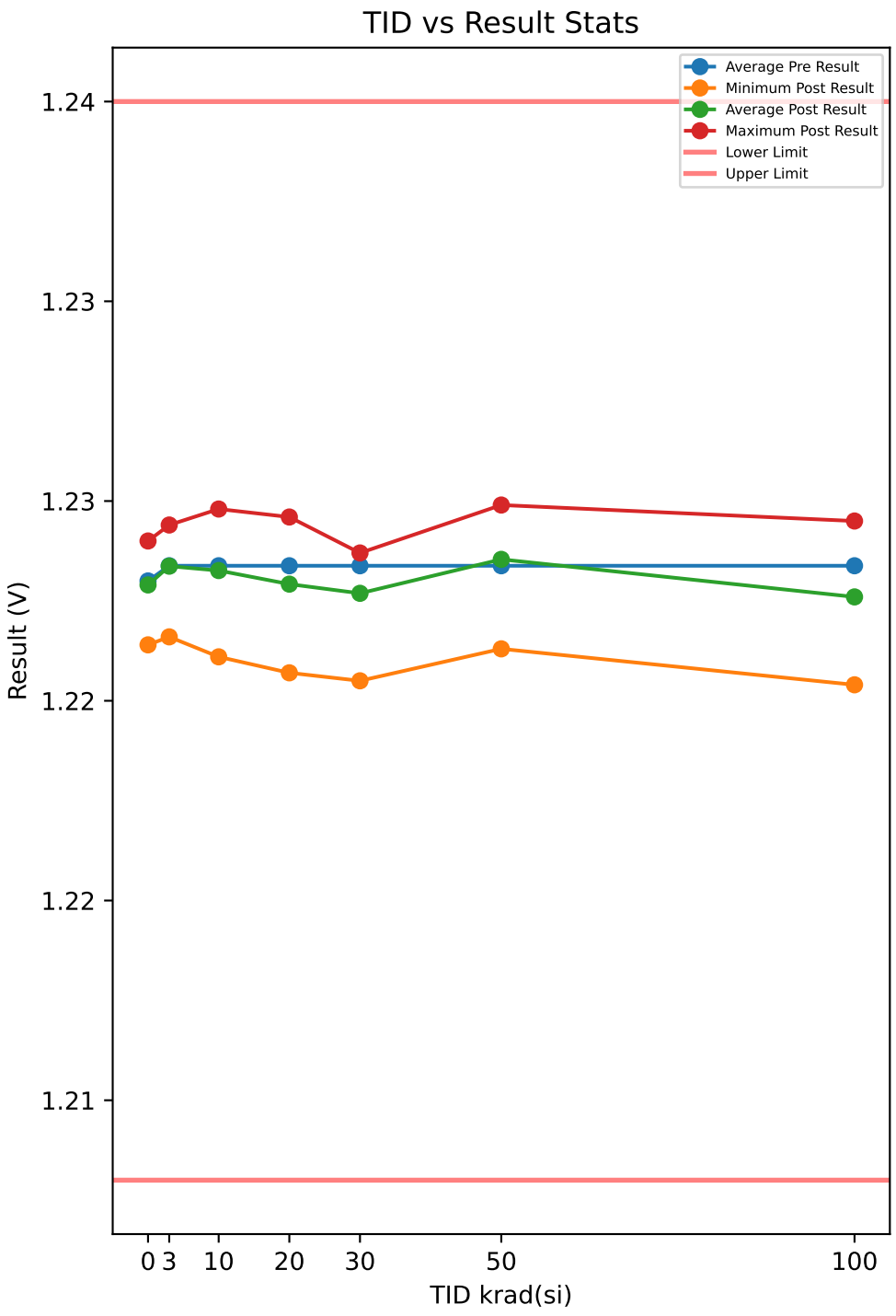
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

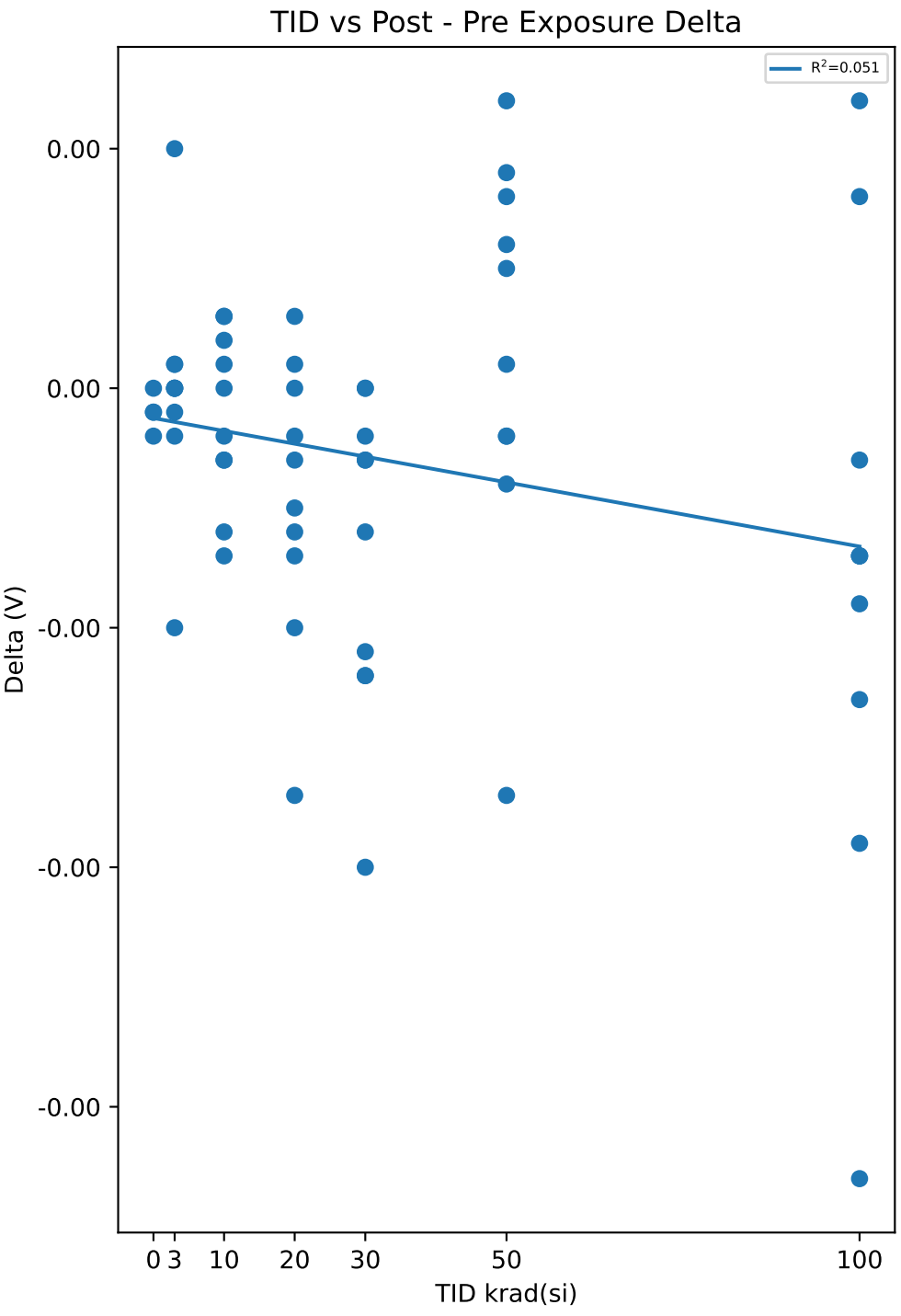
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2245	1.2235	-0.001
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2232	1.223	-0.0002
8	3	LDR UNBIAS	1.2227	1.2227	0
9	3	LDR UNBIAS	1.223	1.2231	0.0001
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2245	1.2249	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2223	-0.0004
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.2219	-0.0008
39	20	LDR UNBIAS	1.223	1.2232	0.0002
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2238	-0.0006
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2227	1.2215	-0.0012
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2232	1.2232	0
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2245	1.2212	-0.0033
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2232	1.2224	-0.0008
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.0012121	1.2215	1.223	1.2241	0.0012038	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2234	1.2245	0.0008407	1.2216	1.2234	1.2245	0.00088072	-0.001	0	0.001	0.00048534
10	1.2218	1.2234	1.2245	0.0008407	1.2211	1.2233	1.2249	0.0010904	-0.0007	-0.0001	0.0004	0.00039158
20	1.2218	1.2234	1.2245	0.0008407	1.2208	1.223	1.2247	0.0010675	-0.0017	-0.00045	0.0003	0.00061328
30	1.2218	1.2234	1.2245	0.0008407	1.2206	1.2228	1.2238	0.000998	-0.0019	-0.00067	0	0.00063078
50	1.2218	1.2234	1.2245	0.0008407	1.2213	1.2236	1.225	0.00117	-0.0017	0.00017	0.0013	0.00086673
100	1.2218	1.2234	1.2245	0.0008407	1.2204	1.2227	1.2246	0.0014065	-0.0033	-0.00078	0.0012	0.0012813

Device Test: 21.35 VOLTAGE|VREF/VREF/5/5/0/1000/5/500kHz//@V_REFCAP





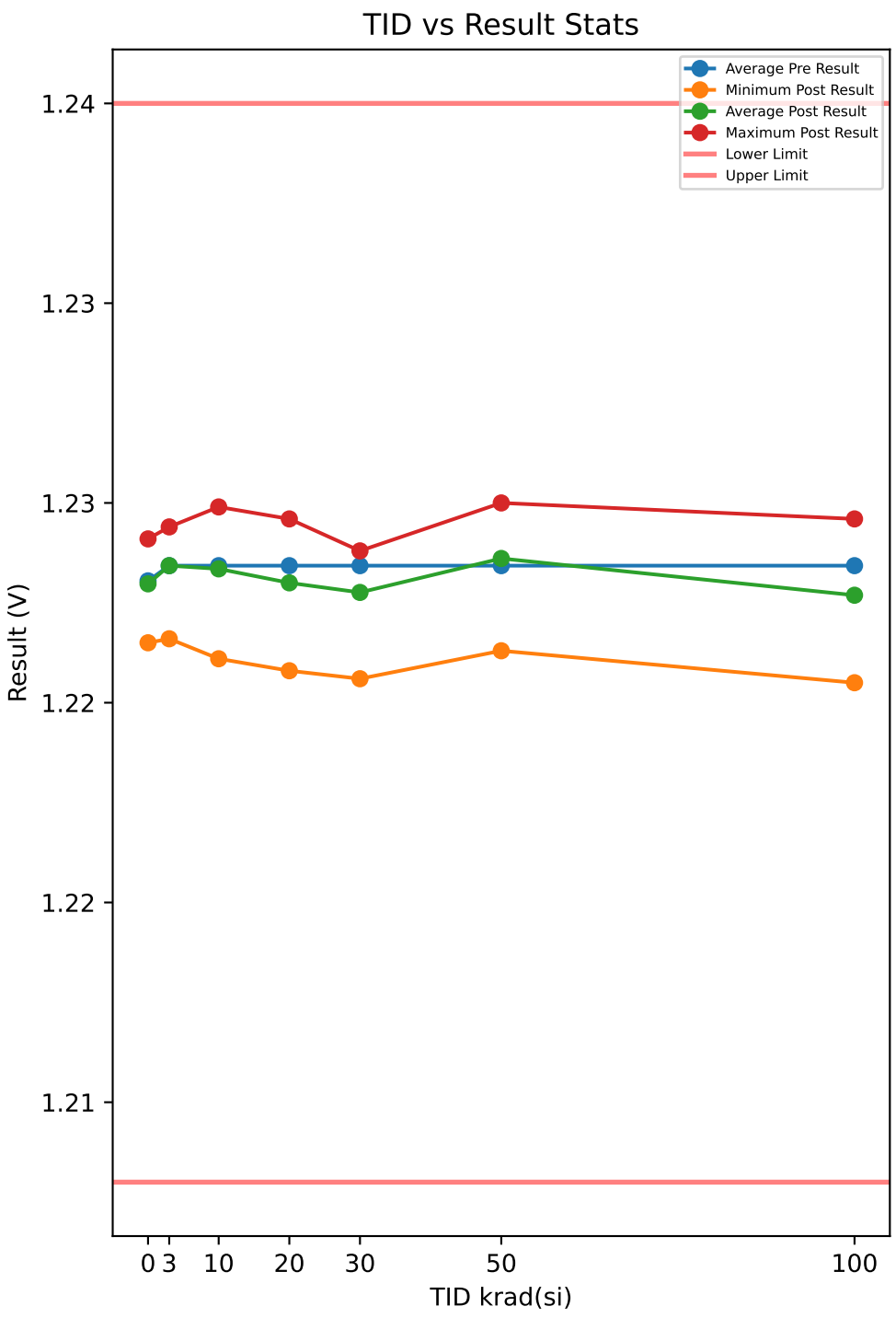
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

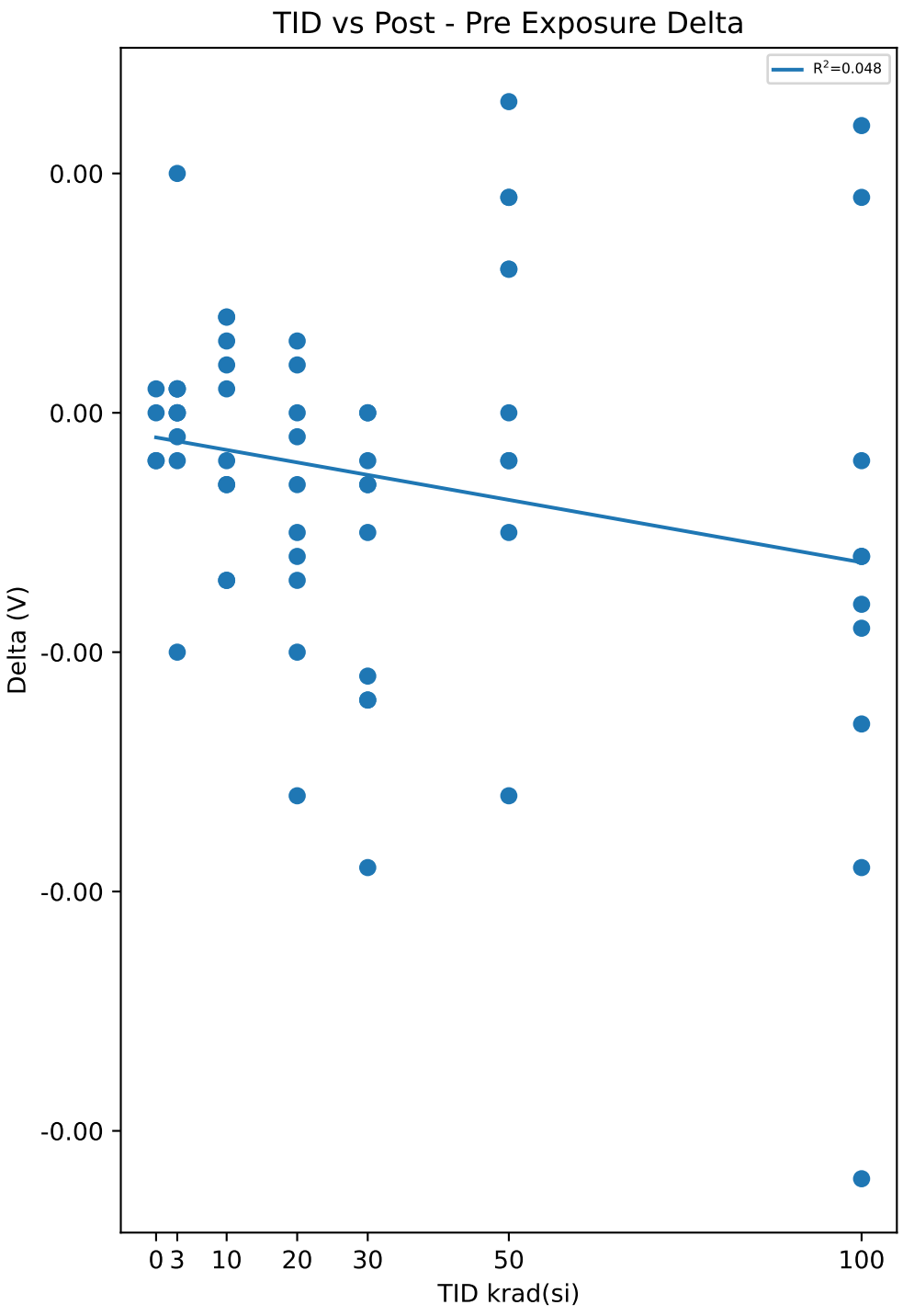
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2245	1.2235	-0.001
4	3	LDR BIAS	1.2217	1.2216	-0.0001
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2237	0
7	3	LDR UNBIAS	1.2231	1.2229	-0.0002
8	3	LDR UNBIAS	1.2226	1.2226	0
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2233	1.2234	0.0001
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2214	-0.0001
14	0	CORRELATION	1.224	1.224	0
21	10	LDR BIAS	1.2243	1.2245	0.0002
22	10	LDR BIAS	1.2233	1.2234	0.0001
23	10	LDR BIAS	1.2245	1.2248	0.0003
24	10	LDR BIAS	1.2217	1.2211	-0.0006
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2237	1.2237	0
27	10	LDR UNBIAS	1.2231	1.2228	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2233	1.2231	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2217	1.2207	-0.001
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2237	1.2237	0
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2231	0.0001
40	20	LDR UNBIAS	1.2233	1.223	-0.0003
41	30	LDR BIAS	1.2243	1.2237	-0.0006
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2245	1.2225	-0.002
44	30	LDR BIAS	1.2217	1.2205	-0.0012
45	30	LDR BIAS	1.2243	1.2232	-0.0011
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2226	1.2214	-0.0012
49	30	LDR UNBIAS	1.223	1.2227	-0.0003
50	30	LDR UNBIAS	1.2233	1.223	-0.0003
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2217	1.2213	-0.0004
55	50	LDR BIAS	1.2243	1.2241	-0.0002
56	50	LDR UNBIAS	1.2237	1.2249	0.0012
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.223	1.2235	0.0005
60	50	LDR UNBIAS	1.2233	1.2242	0.0009
61	100	LDR BIAS	1.2243	1.224	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2245	1.2212	-0.0033
64	100	LDR BIAS	1.2217	1.2204	-0.0013
65	100	LDR BIAS	1.2243	1.2224	-0.0019
66	100	LDR UNBIAS	1.2237	1.2245	0.0008
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2233	1.2245	0.0012

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	1.2215	1.223	1.224	0.001186	1.2214	1.2229	1.224	0.0011916	-0.0002	-0.0001	0	8.165e-05
3	1.2217	1.2234	1.2245	0.00086384	1.2216	1.2234	1.2244	0.00088198	-0.001	-1e-05	0.001	0.00047947
10	1.2217	1.2234	1.2245	0.00086384	1.2211	1.2233	1.2248	0.0010575	-0.0007	-0.00012	0.0003	0.00035839
20	1.2217	1.2234	1.2245	0.00086384	1.2207	1.2229	1.2246	0.0010644	-0.0017	-0.00046	0.0003	0.00058727
30	1.2217	1.2234	1.2245	0.00086384	1.2205	1.2227	1.2237	0.001017	-0.002	-0.00069	0	0.00065904
50	1.2217	1.2234	1.2245	0.00086384	1.2213	1.2235	1.2249	0.0011423	-0.0017	0.00016	0.0012	0.00084222
100	1.2217	1.2234	1.2245	0.00086384	1.2204	1.2226	1.2245	0.0013728	-0.0033	-0.00078	0.0012	0.0012717

Device Test: 21.37 VOLTAGE|VREF/VREF/12/12/0/1000/5/500kHz//@V_REFCAP





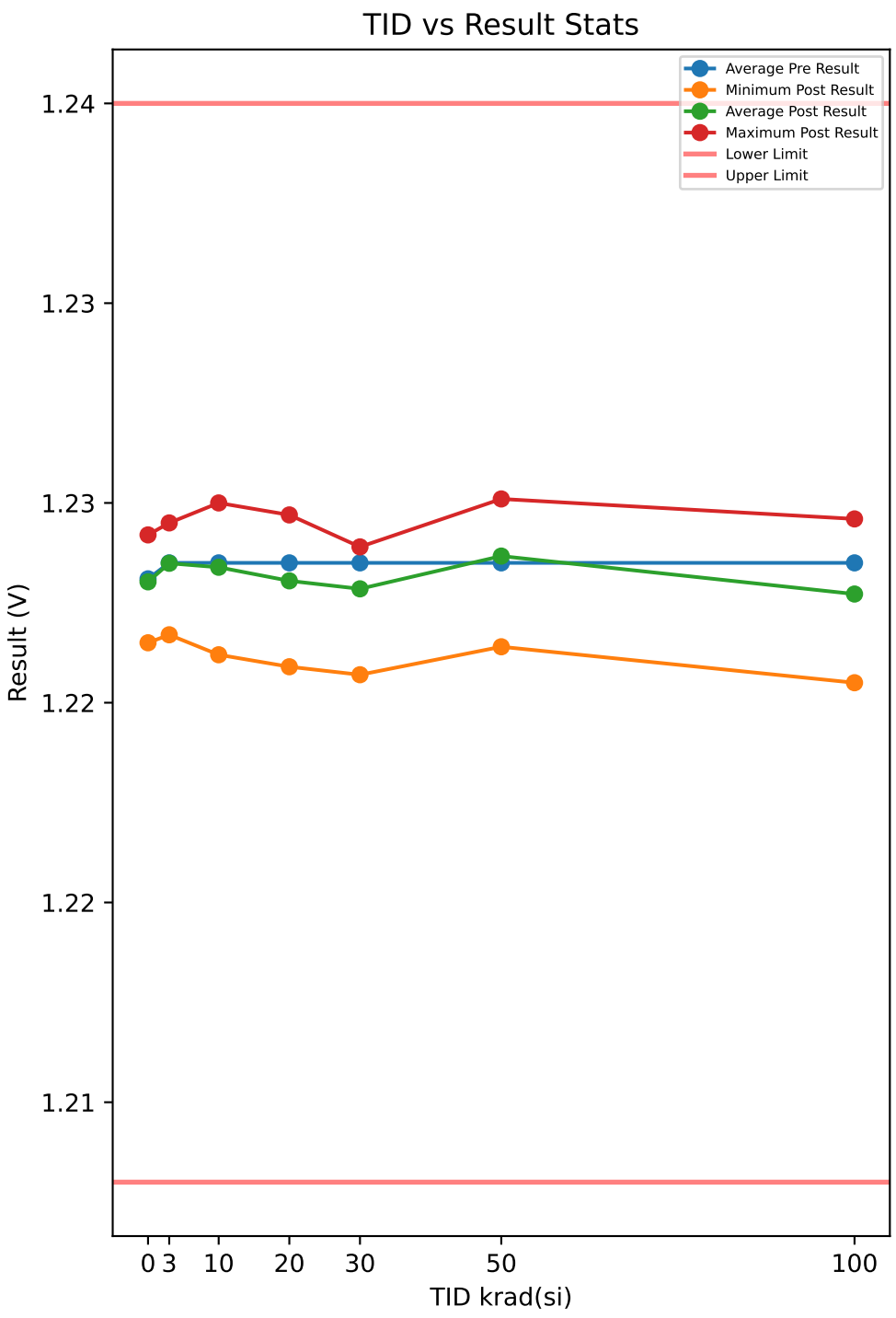
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2245	1.2235	-0.001
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2237	1.2237	0
7	3	LDR UNBIAS	1.2232	1.2231	-0.0001
8	3	LDR UNBIAS	1.2227	1.2227	0
9	3	LDR UNBIAS	1.223	1.2231	0.0001
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2227	1.2225	-0.0002
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2243	1.2246	0.0003
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2245	1.2249	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2244	1.2237	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.223	1.2234	0.0004
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2232	-0.0001
33	20	LDR BIAS	1.2245	1.2229	-0.0016
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2244	1.2238	-0.0006
36	20	LDR UNBIAS	1.2237	1.2237	0
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.223	1.2232	0.0002
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2243	1.2238	-0.0005
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2244	1.2233	-0.0011
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2227	1.2215	-0.0012
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2242	0.0009
53	50	LDR BIAS	1.2245	1.2229	-0.0016
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2244	1.2242	-0.0002
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2232	1.2232	0
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2243	1.2241	-0.0002
62	100	LDR BIAS	1.2233	1.2227	-0.0006
63	100	LDR BIAS	1.2245	1.2213	-0.0032
64	100	LDR BIAS	1.2218	1.2205	-0.0013
65	100	LDR BIAS	1.2244	1.2225	-0.0019
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2232	1.2224	-0.0008
68	100	LDR UNBIAS	1.2227	1.2218	-0.0009
69	100	LDR UNBIAS	1.223	1.2224	-0.0006
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

Test Statistics (V)

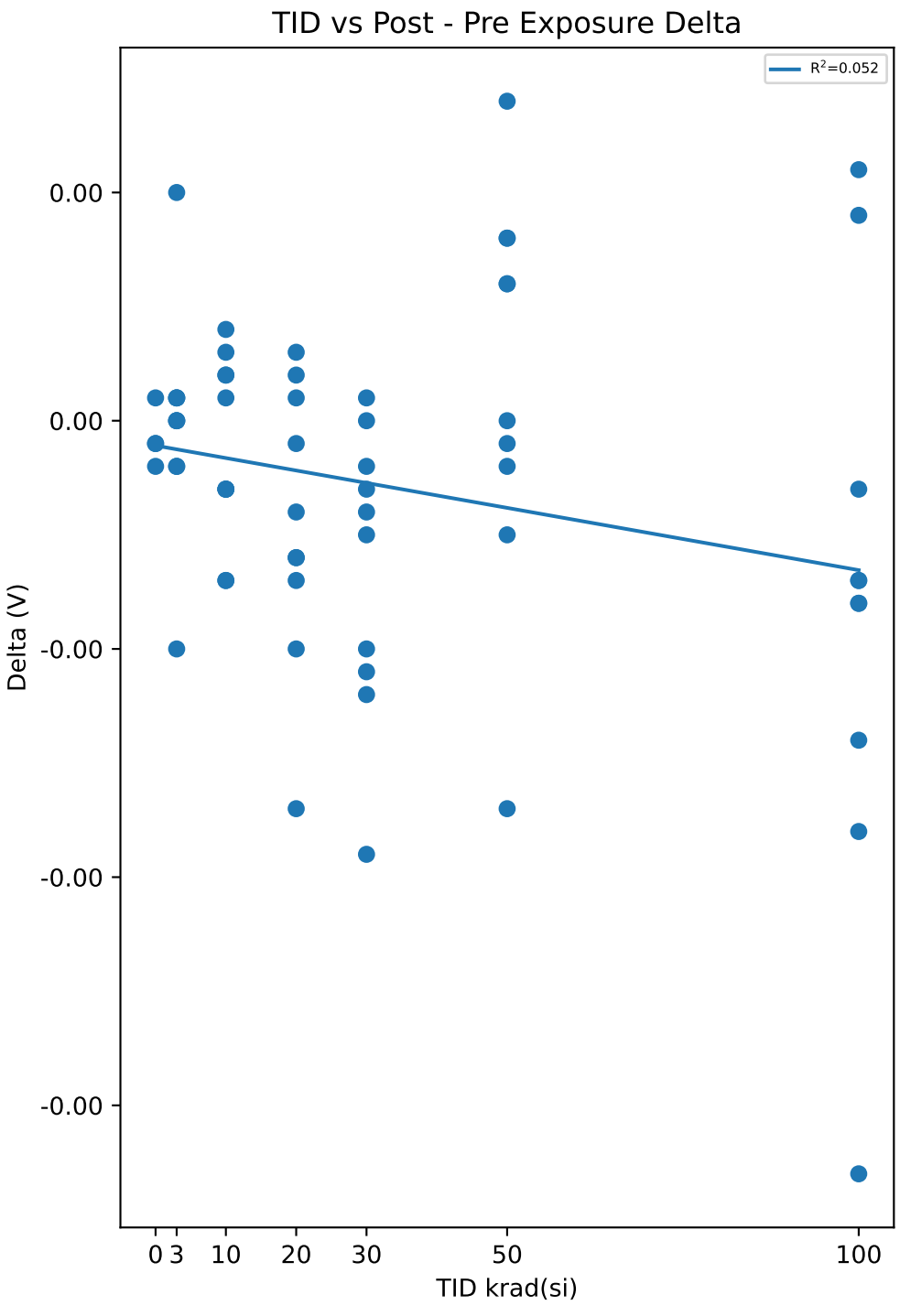
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2215	1.223	1.224	0.0012014	1.2215	1.223	1.2241	0.0012038	-0.0002	-7.5e-05	0.0001	0.00015
3	1.2218	1.2234	1.2245	0.0008407	1.2216	1.2234	1.2244	0.00087057	-0.001	0	0.001	0.00048074
10	1.2218	1.2234	1.2245	0.0008407	1.2211	1.2233	1.2249	0.0010804	-0.0007	-8e-05	0.0004	0.00042111
20	1.2218	1.2234	1.2245	0.0008407	1.2208	1.223	1.2246	0.0010392	-0.0016	-0.00043	0.0003	0.00058128
30	1.2218	1.2234	1.2245	0.0008407	1.2206	1.2228	1.2238	0.000998	-0.0019	-0.00067	0	0.00063953
50	1.2218	1.2234	1.2245	0.0008407	1.2213	1.2236	1.225	0.0011551	-0.0016	0.00018	0.0013	0.00085609
100	1.2218	1.2234	1.2245	0.0008407	1.2205	1.2227	1.2246	0.0013747	-0.0032	-0.00074	0.0012	0.0012703

Device Test: 21.39 VOLTAGE|VREF/VREF/14/14/0/1000/5/500kHz//@V_REFCAP



Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

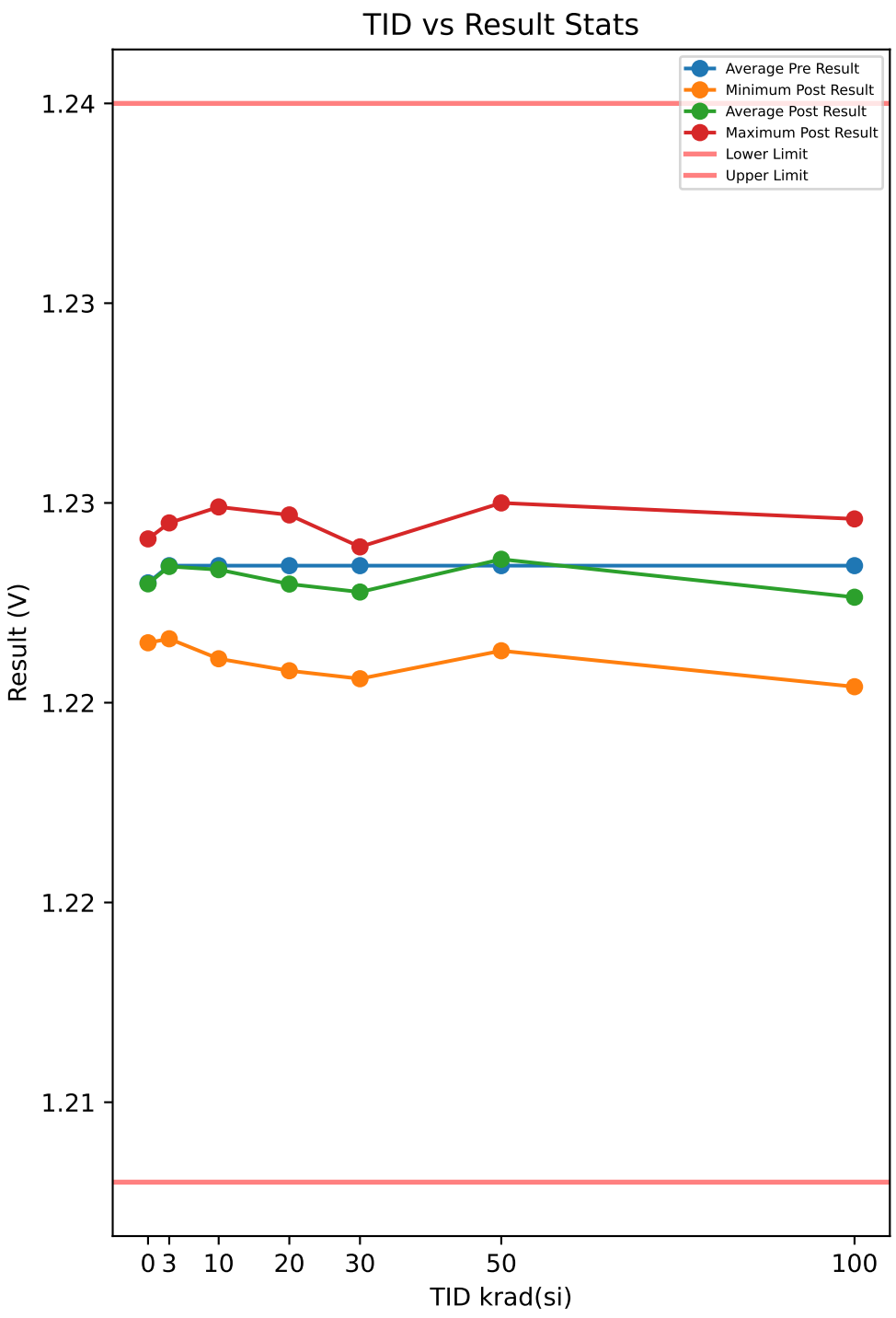
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2246	1.2236	-0.001
4	3	LDR BIAS	1.2219	1.2217	-0.0002
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2233	1.2231	-0.0002
8	3	LDR UNBIAS	1.2227	1.2228	0.0001
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2235	1.2235	0
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2227	1.2226	-0.0001
13	0	CORRELATION	1.2216	1.2215	-0.0001
14	0	CORRELATION	1.2241	1.2242	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2236	0.0002
23	10	LDR BIAS	1.2246	1.225	0.0004
24	10	LDR BIAS	1.2219	1.2212	-0.0007
25	10	LDR BIAS	1.2244	1.2237	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2233	1.223	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2235	1.2232	-0.0003
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2233	-0.0001
33	20	LDR BIAS	1.2246	1.2229	-0.0017
34	20	LDR BIAS	1.2219	1.2209	-0.001
35	20	LDR BIAS	1.2244	1.2238	-0.0006
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2233	1.2227	-0.0006
38	20	LDR UNBIAS	1.2227	1.222	-0.0007
39	20	LDR UNBIAS	1.2231	1.2233	0.0002
40	20	LDR UNBIAS	1.2235	1.2231	-0.0004
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2234	1.2234	0
43	30	LDR BIAS	1.2246	1.2227	-0.0019
44	30	LDR BIAS	1.2219	1.2207	-0.0012
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2237	1.2238	0.0001
47	30	LDR UNBIAS	1.2233	1.223	-0.0003
48	30	LDR UNBIAS	1.2227	1.2216	-0.0011
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2235	1.2231	-0.0004
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2242	0.0008
53	50	LDR BIAS	1.2246	1.2229	-0.0017
54	50	LDR BIAS	1.2219	1.2214	-0.0005
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2237	1.2251	0.0014
57	50	LDR UNBIAS	1.2233	1.2233	0
58	50	LDR UNBIAS	1.2227	1.2225	-0.0002
59	50	LDR UNBIAS	1.2231	1.2237	0.0006
60	50	LDR UNBIAS	1.2235	1.2243	0.0008
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2246	1.2213	-0.0033
64	100	LDR BIAS	1.2219	1.2205	-0.0014
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2237	1.2246	0.0009
67	100	LDR UNBIAS	1.2233	1.2225	-0.0008
68	100	LDR UNBIAS	1.2227	1.2219	-0.0008
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2235	1.2246	0.0011

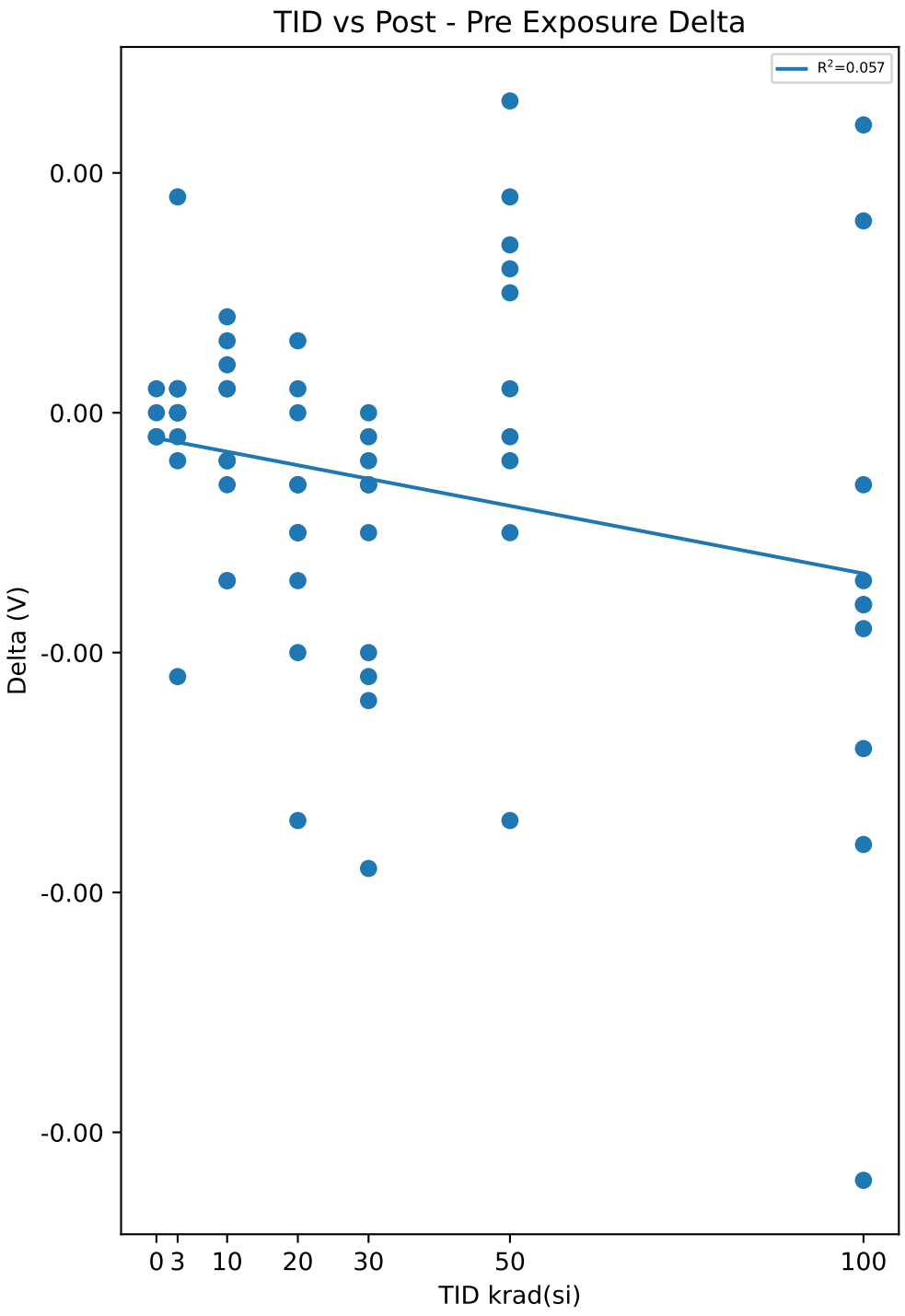


Test Statistics (V)

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	1.2216	1.2231	1.2241	0.001186	1.2215	1.223	1.2242	0.001223	-0.0002	-7.5e-05	0.0001	0.00012583
3	1.2219	1.2235	1.2246	0.00083533	1.2217	1.2235	1.2245	0.00086724	-0.001	-1e-05	0.001	0.00048408
10	1.2219	1.2235	1.2246	0.00083533	1.2212	1.2234	1.225	0.0010713	-0.0007	-0.00011	0.0004	0.00040401
20	1.2219	1.2235	1.2246	0.00083533	1.2209	1.223	1.2247	0.0010459	-0.0017	-0.00045	0.0003	0.00061328
30	1.2219	1.2235	1.2246	0.00083533	1.2207	1.2228	1.2239	0.00099471	-0.0019	-0.00065	0.0001	0.00063114
50	1.2219	1.2235	1.2246	0.00083533	1.2214	1.2237	1.2251	0.0011615	-0.0017	0.00017	0.0014	0.00087312
100	1.2219	1.2235	1.2246	0.00083533	1.2205	1.2227	1.2246	0.0013645	-0.0033	-0.00078	0.0011	0.0012639

Device Test: 21.41 VOLTAGE|VREF/VREF/4.5/4.5/0/1000/4.5/1MHz//@V_REFCAP





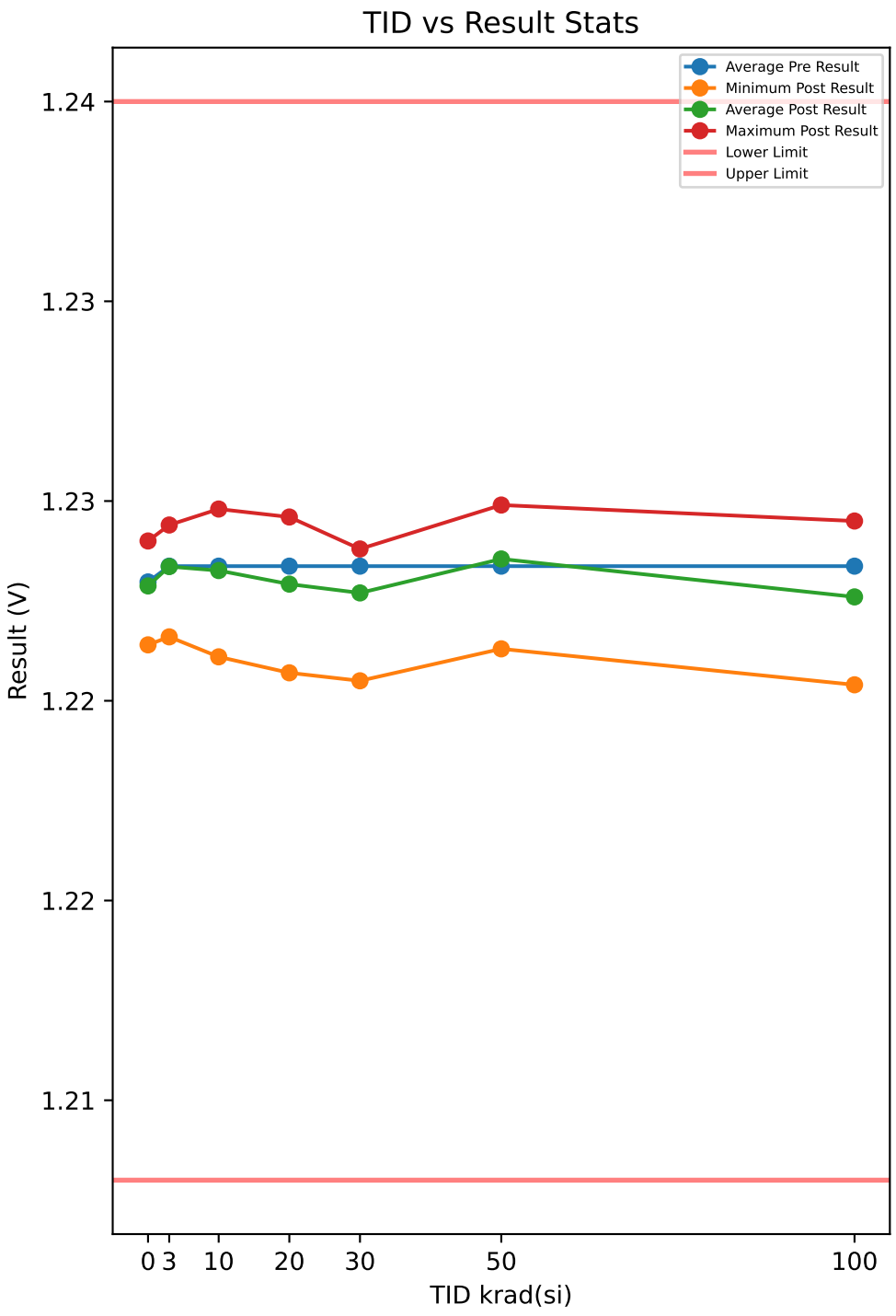
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

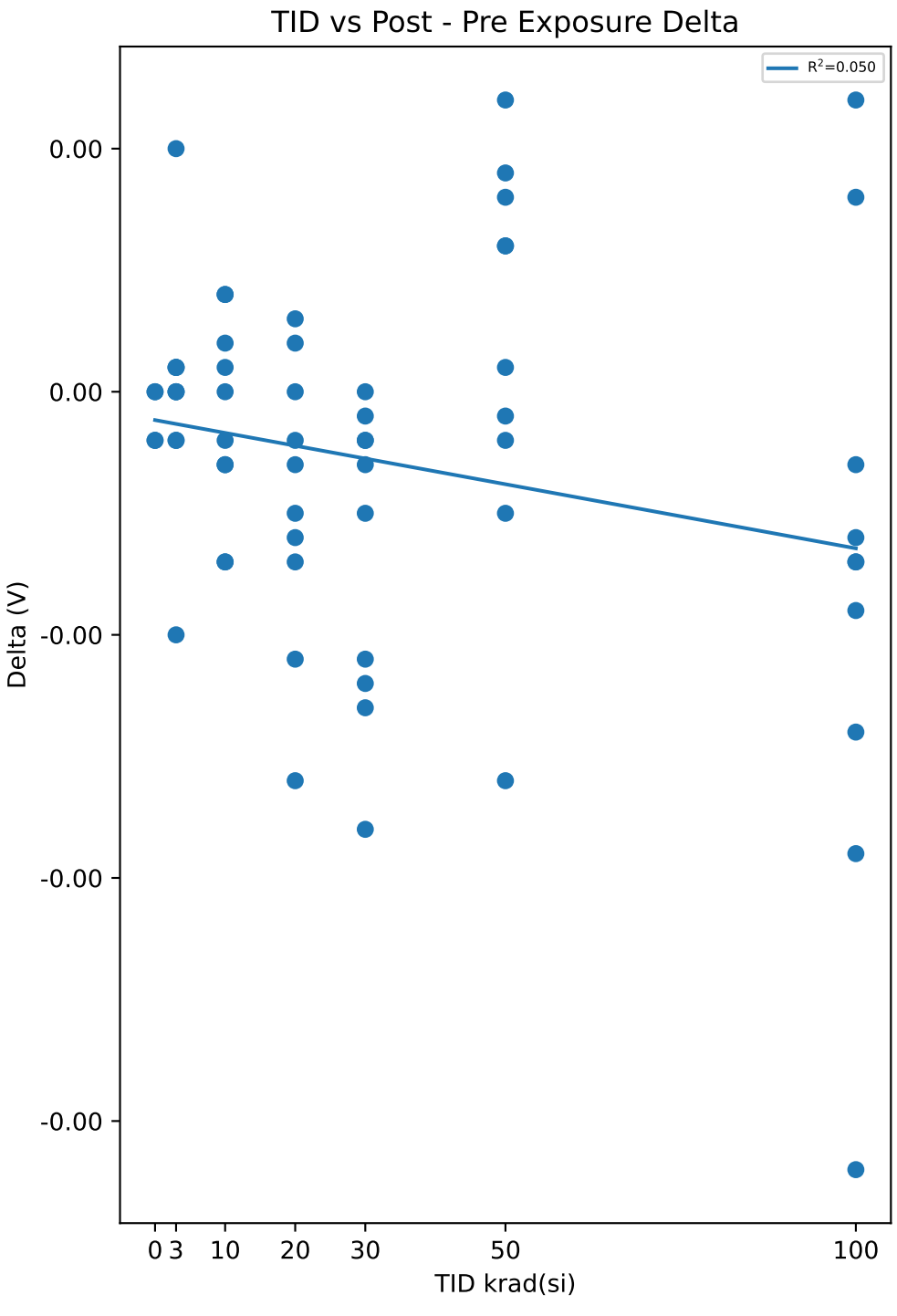
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2234	1.2243	0.0009
3	3	LDR BIAS	1.2245	1.2234	-0.0011
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2231	1.2231	0
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.2231	1.223	-0.0001
10	3	LDR UNBIAS	1.2234	1.2234	0
11	0	CORRELATION	1.2239	1.2238	-0.0001
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2234	1.2235	0.0001
23	10	LDR BIAS	1.2245	1.2249	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2231	1.2229	-0.0002
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2231	-0.0003
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2218	1.2208	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2237	1.2237	0
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2234	1.2233	-0.0001
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2226	1.2215	-0.0011
49	30	LDR UNBIAS	1.2231	1.2228	-0.0003
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2241	0.0007
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2226	-0.0008
63	100	LDR BIAS	1.2245	1.2213	-0.0032
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2237	1.2245	0.0008
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.2231	1.2223	-0.0008
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.001186	1.2215	1.223	1.2241	0.0012038	-0.0001	-2.5e-05	0.0001	9.5743e-05
3	1.2218	1.2234	1.2245	0.00084859	1.2216	1.2234	1.2245	0.00087996	-0.0011	-2e-05	0.0009	0.00048259
10	1.2218	1.2234	1.2245	0.00084859	1.2211	1.2233	1.2249	0.0010874	-0.0007	-0.0001	0.0004	0.00038873
20	1.2218	1.2234	1.2245	0.00084859	1.2208	1.223	1.2247	0.0010709	-0.0017	-0.00046	0.0003	0.00058157
30	1.2218	1.2234	1.2245	0.00084859	1.2206	1.2228	1.2239	0.00101	-0.0019	-0.00066	0	0.00061319
50	1.2218	1.2234	1.2245	0.00084859	1.2213	1.2236	1.225	0.0011808	-0.0017	0.00016	0.0013	0.00085271
100	1.2218	1.2234	1.2245	0.00084859	1.2204	1.2226	1.2246	0.0013874	-0.0032	-0.00079	0.0012	0.0012449

Device Test: 21.43 VOLTAGE|VREF/VREF/5/5/0/1000/5/1MHz//@V_REFCAP





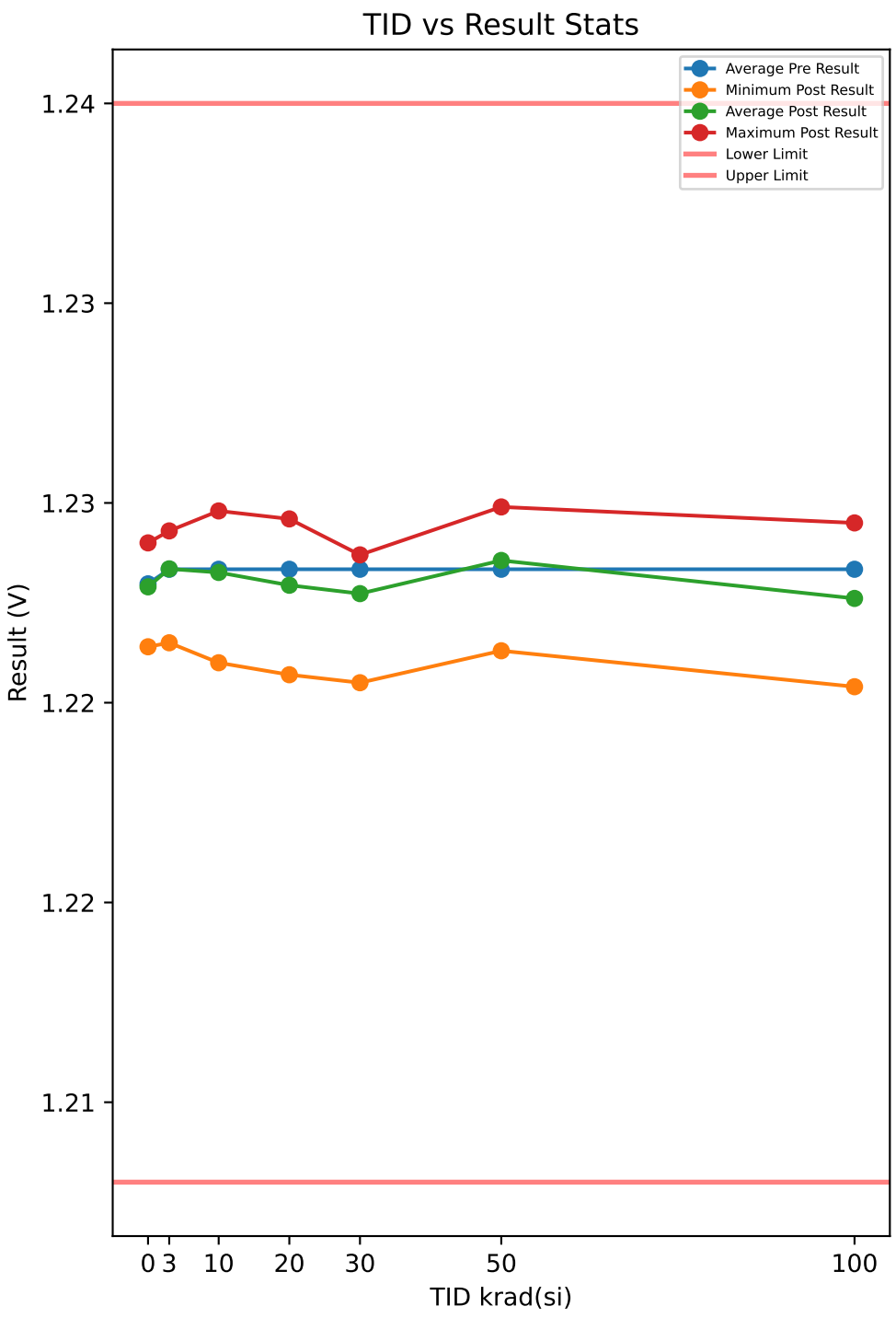
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

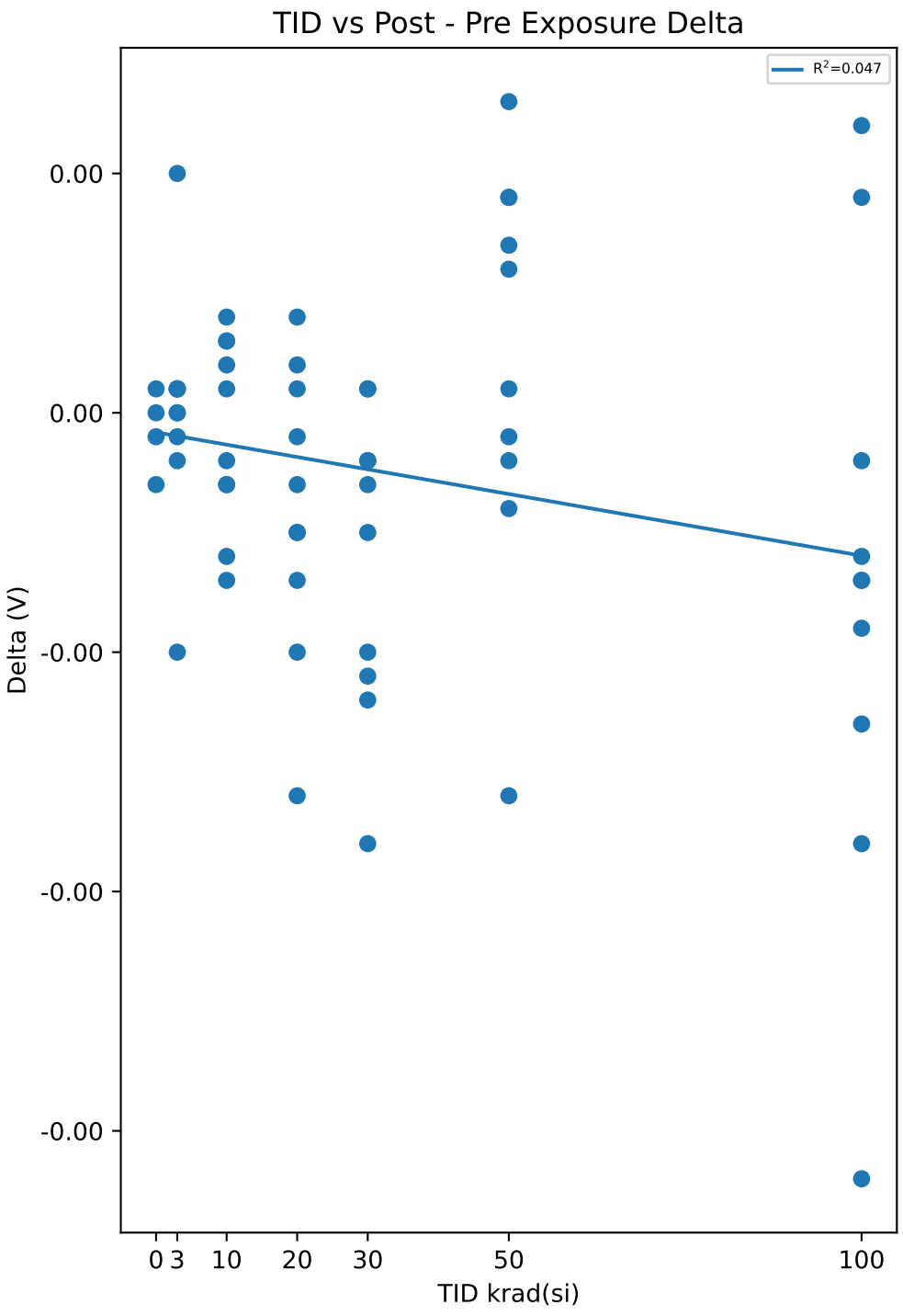
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2243	1.2244	0.0001
2	3	LDR BIAS	1.2233	1.2243	0.001
3	3	LDR BIAS	1.2244	1.2234	-0.001
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2237	0
7	3	LDR UNBIAS	1.2231	1.2229	-0.0002
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.2229	1.223	0.0001
10	3	LDR UNBIAS	1.2233	1.2233	0
11	0	CORRELATION	1.2239	1.2237	-0.0002
12	0	CORRELATION	1.2226	1.2224	-0.0002
13	0	CORRELATION	1.2214	1.2214	0
14	0	CORRELATION	1.224	1.224	0
21	10	LDR BIAS	1.2243	1.2245	0.0002
22	10	LDR BIAS	1.2233	1.2234	0.0001
23	10	LDR BIAS	1.2244	1.2248	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2236	-0.0007
26	10	LDR UNBIAS	1.2237	1.2237	0
27	10	LDR UNBIAS	1.2231	1.2228	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.2229	1.2233	0.0004
30	10	LDR UNBIAS	1.2233	1.2231	-0.0002
31	20	LDR BIAS	1.2243	1.2246	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2244	1.2228	-0.0016
34	20	LDR BIAS	1.2218	1.2207	-0.0011
35	20	LDR BIAS	1.2243	1.2237	-0.0006
36	20	LDR UNBIAS	1.2237	1.2237	0
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.2229	1.2231	0.0002
40	20	LDR UNBIAS	1.2233	1.223	-0.0003
41	30	LDR BIAS	1.2243	1.2238	-0.0005
42	30	LDR BIAS	1.2233	1.2232	-0.0001
43	30	LDR BIAS	1.2244	1.2226	-0.0018
44	30	LDR BIAS	1.2218	1.2205	-0.0013
45	30	LDR BIAS	1.2243	1.2232	-0.0011
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2231	1.2229	-0.0002
48	30	LDR UNBIAS	1.2226	1.2214	-0.0012
49	30	LDR UNBIAS	1.2229	1.2227	-0.0002
50	30	LDR UNBIAS	1.2233	1.223	-0.0003
51	50	LDR BIAS	1.2243	1.2249	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2244	1.2228	-0.0016
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.2249	0.0012
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.2229	1.2235	0.0006
60	50	LDR UNBIAS	1.2233	1.2242	0.0009
61	100	LDR BIAS	1.2243	1.224	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2244	1.2212	-0.0032
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2224	-0.0019
66	100	LDR UNBIAS	1.2237	1.2245	0.0008
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.2229	1.2223	-0.0006
70	100	LDR UNBIAS	1.2233	1.2245	0.0012

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	1.2214	1.223	1.224	0.0012285	1.2214	1.2229	1.224	0.0012038	-0.0002	-0.0001	0	0.00011547
3	1.2218	1.2234	1.2244	0.00083407	1.2216	1.2234	1.2244	0.00087203	-0.001	-1e-05	0.001	0.00048408
10	1.2218	1.2234	1.2244	0.00083407	1.2211	1.2233	1.2248	0.0010575	-0.0007	-0.00011	0.0004	0.00040125
20	1.2218	1.2234	1.2244	0.00083407	1.2207	1.2229	1.2246	0.0010644	-0.0016	-0.00045	0.0003	0.00058737
30	1.2218	1.2234	1.2244	0.00083407	1.2205	1.2227	1.2238	0.0010209	-0.0018	-0.00067	0	0.00062548
50	1.2218	1.2234	1.2244	0.00083407	1.2213	1.2235	1.2249	0.0011482	-0.0016	0.00018	0.0012	0.00082704
100	1.2218	1.2234	1.2244	0.00083407	1.2204	1.2226	1.2245	0.0013728	-0.0032	-0.00077	0.0012	0.0012561

Device Test: 21.45 VOLTAGE|VREF/VREF/12/12/0/1000/5/1MHz//@V_REFCAP





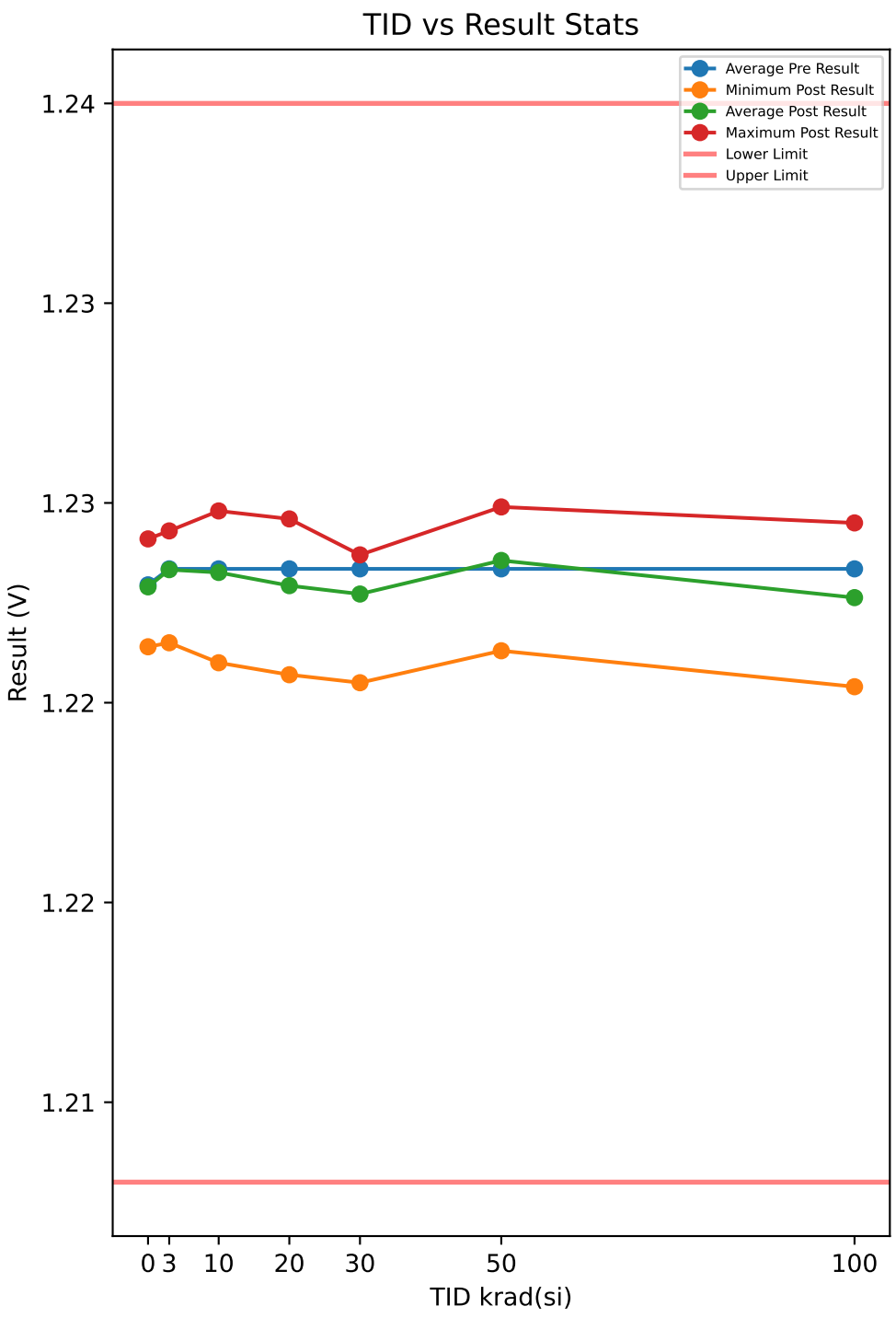
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

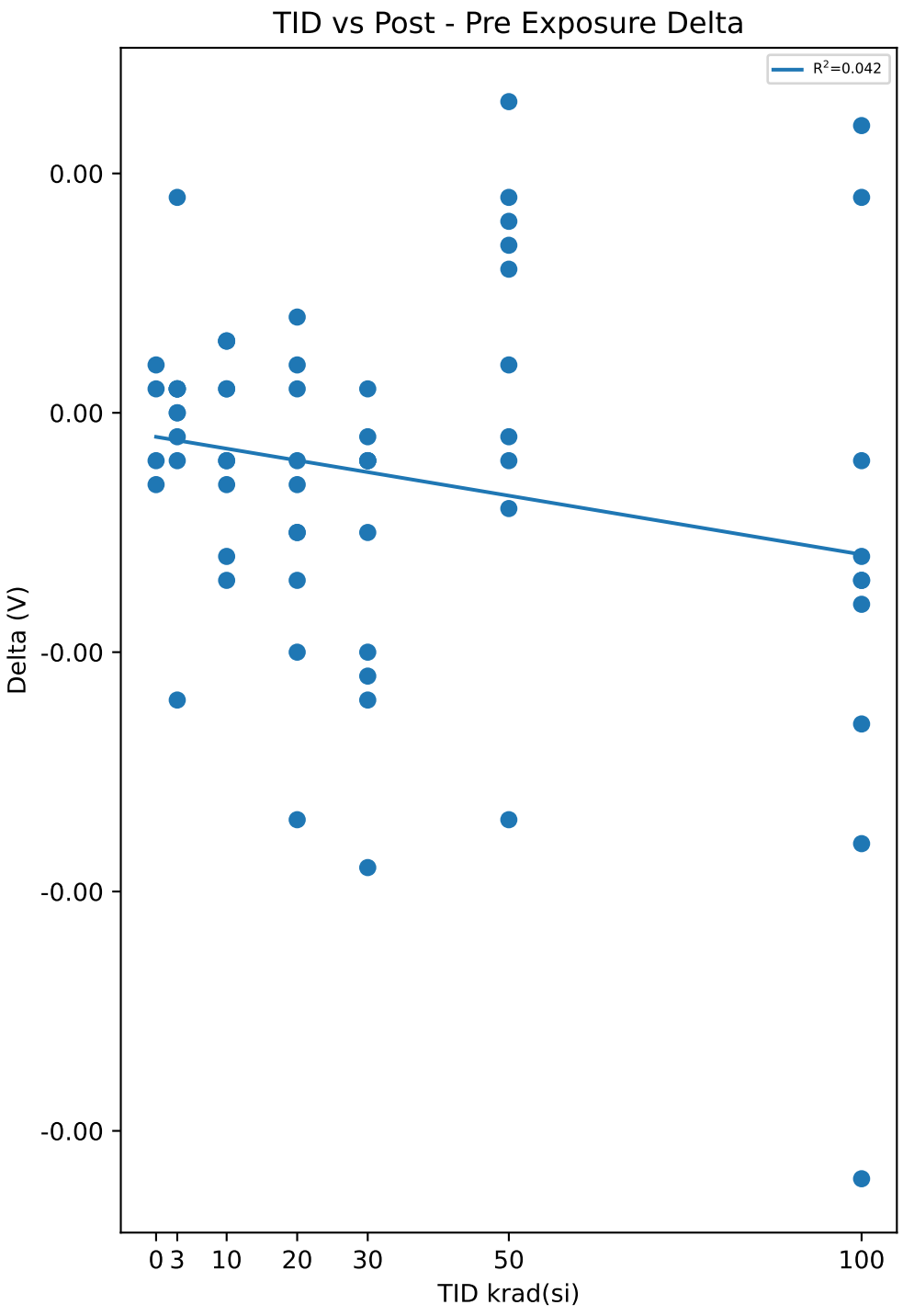
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2242	1.2243	0.0001
2	3	LDR BIAS	1.2232	1.2242	0.001
3	3	LDR BIAS	1.2244	1.2234	-0.001
4	3	LDR BIAS	1.2217	1.2215	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2236	1.2237	0.0001
7	3	LDR UNBIAS	1.2231	1.223	-0.0001
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2233	1.2234	0.0001
11	0	CORRELATION	1.224	1.2237	-0.0003
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2214	1.2214	0
14	0	CORRELATION	1.2239	1.224	0.0001
21	10	LDR BIAS	1.2242	1.2245	0.0003
22	10	LDR BIAS	1.2232	1.2234	0.0002
23	10	LDR BIAS	1.2244	1.2248	0.0004
24	10	LDR BIAS	1.2217	1.221	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2236	1.2237	0.0001
27	10	LDR UNBIAS	1.2231	1.2228	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2233	1.2231	-0.0002
31	20	LDR BIAS	1.2242	1.2246	0.0004
32	20	LDR BIAS	1.2232	1.2231	-0.0001
33	20	LDR BIAS	1.2244	1.2228	-0.0016
34	20	LDR BIAS	1.2217	1.2207	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2236	1.2237	0.0001
37	20	LDR UNBIAS	1.2231	1.2226	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2232	0.0002
40	20	LDR UNBIAS	1.2233	1.223	-0.0003
41	30	LDR BIAS	1.2242	1.2237	-0.0005
42	30	LDR BIAS	1.2232	1.2233	0.0001
43	30	LDR BIAS	1.2244	1.2226	-0.0018
44	30	LDR BIAS	1.2217	1.2205	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2236	1.2237	0.0001
47	30	LDR UNBIAS	1.2231	1.2228	-0.0003
48	30	LDR UNBIAS	1.2226	1.2215	-0.0011
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2233	1.2231	-0.0002
51	50	LDR BIAS	1.2242	1.2249	0.0007
52	50	LDR BIAS	1.2232	1.2241	0.0009
53	50	LDR BIAS	1.2244	1.2228	-0.0016
54	50	LDR BIAS	1.2217	1.2213	-0.0004
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2236	1.2249	0.0013
57	50	LDR UNBIAS	1.2231	1.2232	0.0001
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2233	1.2242	0.0009
61	100	LDR BIAS	1.2242	1.224	-0.0002
62	100	LDR BIAS	1.2232	1.2226	-0.0006
63	100	LDR BIAS	1.2244	1.2212	-0.0032
64	100	LDR BIAS	1.2217	1.2204	-0.0013
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2236	1.2245	0.0009
67	100	LDR UNBIAS	1.2231	1.2224	-0.0007
68	100	LDR UNBIAS	1.2226	1.2217	-0.0009
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2233	1.2245	0.0012

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	1.2214	1.223	1.224	0.0012285	1.2214	1.2229	1.224	0.0011916	-0.0003	-7.5e-05	0.0001	0.00017078
3	1.2217	1.2233	1.2244	0.0008356	1.2215	1.2233	1.2243	0.0008657	-0.001	1e-05	0.001	0.00048178
10	1.2217	1.2233	1.2244	0.0008356	1.221	1.2233	1.2248	0.0010844	-0.0007	-8e-05	0.0004	0.00039384
20	1.2217	1.2233	1.2244	0.0008356	1.2207	1.2229	1.2246	0.0010752	-0.0016	-0.0004	0.0004	0.00060185
30	1.2217	1.2233	1.2244	0.0008356	1.2205	1.2227	1.2237	0.00101	-0.0018	-0.00061	0.0001	0.00063325
50	1.2217	1.2233	1.2244	0.0008356	1.2213	1.2236	1.2249	0.0011481	-0.0016	0.00022	0.0013	0.00084696
100	1.2217	1.2233	1.2244	0.0008356	1.2204	1.2226	1.2245	0.0013715	-0.0032	-0.00073	0.0012	0.0012597

Device Test: 21.47 VOLTAGE|VREF/VREF/14/14/0/1000/5/1MHz//@V_REFCAP





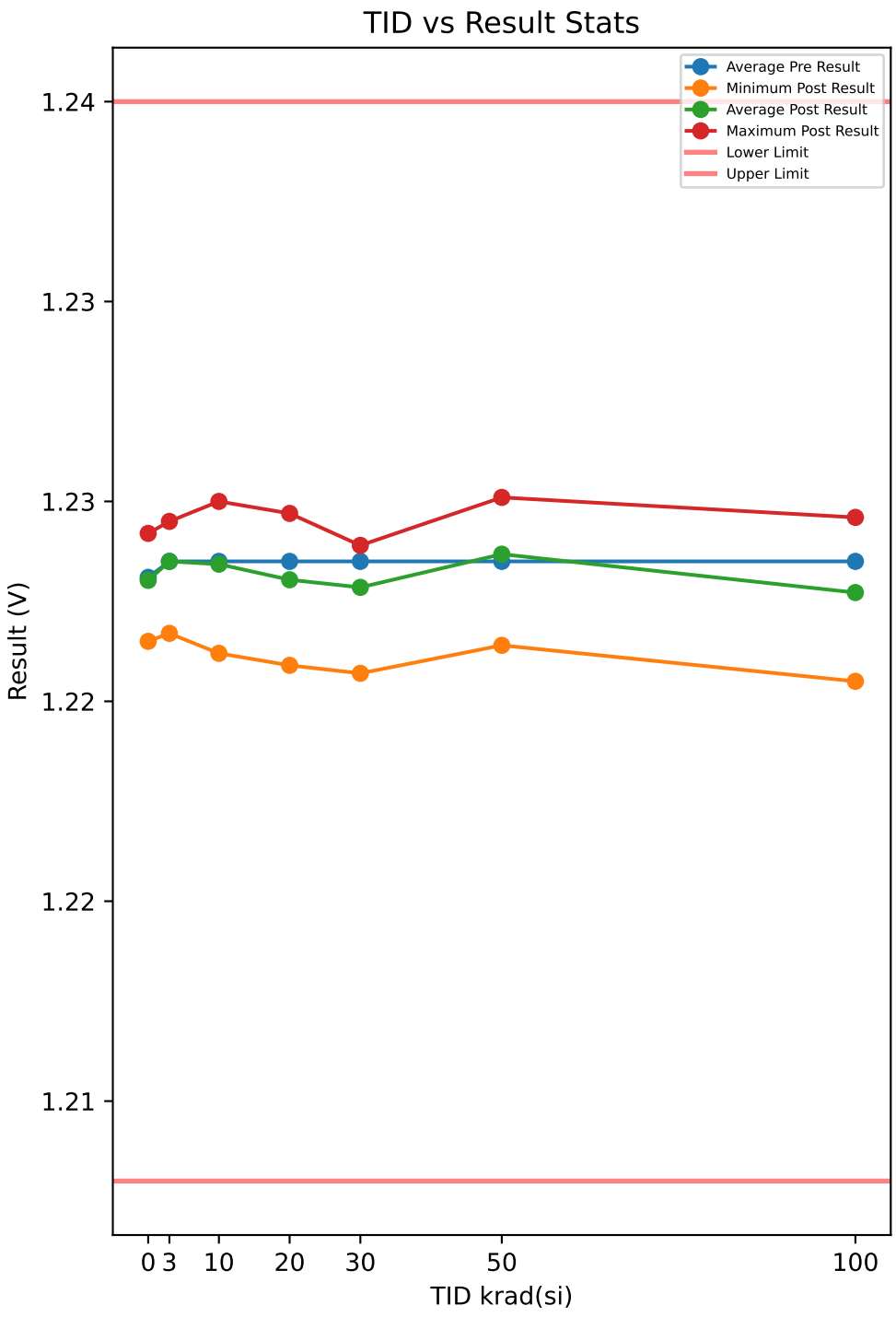
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

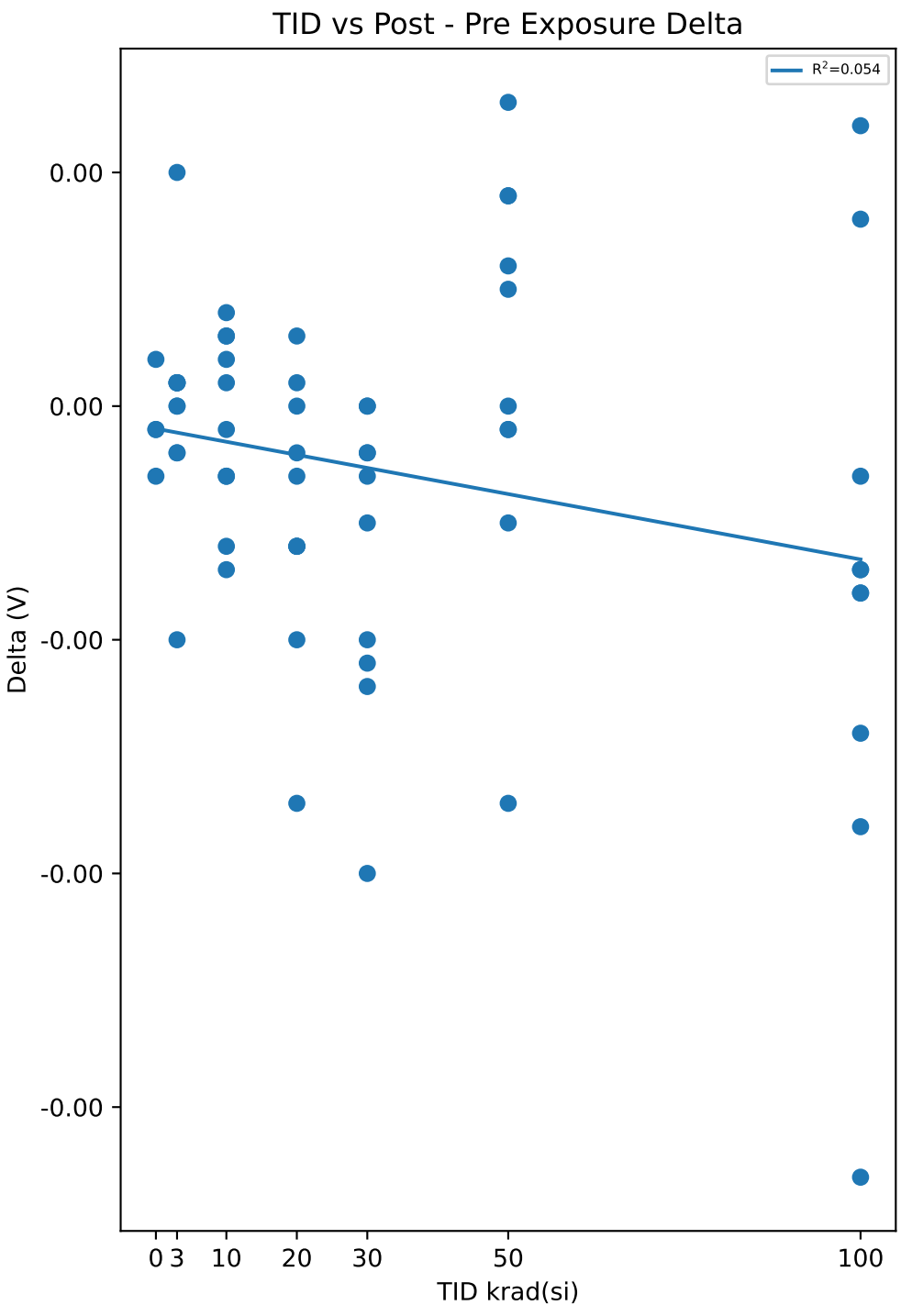
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2242	1.2243	0.0001
2	3	LDR BIAS	1.2233	1.2242	0.0009
3	3	LDR BIAS	1.2245	1.2233	-0.0012
4	3	LDR BIAS	1.2217	1.2215	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2236	1.2237	0.0001
7	3	LDR UNBIAS	1.223	1.2229	-0.0001
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.223	1.223	0
10	3	LDR UNBIAS	1.2233	1.2234	0.0001
11	0	CORRELATION	1.224	1.2237	-0.0003
12	0	CORRELATION	1.2226	1.2224	-0.0002
13	0	CORRELATION	1.2213	1.2214	0.0001
14	0	CORRELATION	1.2239	1.2241	0.0002
21	10	LDR BIAS	1.2242	1.2245	0.0003
22	10	LDR BIAS	1.2233	1.2234	0.0001
23	10	LDR BIAS	1.2245	1.2248	0.0003
24	10	LDR BIAS	1.2217	1.221	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2236	1.2237	0.0001
27	10	LDR UNBIAS	1.223	1.2228	-0.0002
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.223	1.2233	0.0003
30	10	LDR UNBIAS	1.2233	1.2231	-0.0002
31	20	LDR BIAS	1.2242	1.2246	0.0004
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2217	1.2207	-0.001
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2236	1.2237	0.0001
37	20	LDR UNBIAS	1.223	1.2225	-0.0005
38	20	LDR UNBIAS	1.2226	1.2219	-0.0007
39	20	LDR UNBIAS	1.223	1.2232	0.0002
40	20	LDR UNBIAS	1.2233	1.223	-0.0003
41	30	LDR BIAS	1.2242	1.2237	-0.0005
42	30	LDR BIAS	1.2233	1.2232	-0.0001
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2217	1.2205	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2236	1.2237	0.0001
47	30	LDR UNBIAS	1.223	1.2228	-0.0002
48	30	LDR UNBIAS	1.2226	1.2215	-0.0011
49	30	LDR UNBIAS	1.223	1.2228	-0.0002
50	30	LDR UNBIAS	1.2233	1.2231	-0.0002
51	50	LDR BIAS	1.2242	1.2249	0.0007
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2217	1.2213	-0.0004
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2236	1.2249	0.0013
57	50	LDR UNBIAS	1.223	1.2232	0.0002
58	50	LDR UNBIAS	1.2226	1.2224	-0.0002
59	50	LDR UNBIAS	1.223	1.2236	0.0006
60	50	LDR UNBIAS	1.2233	1.2242	0.0009
61	100	LDR BIAS	1.2242	1.224	-0.0002
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2245	1.2213	-0.0032
64	100	LDR BIAS	1.2217	1.2204	-0.0013
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2236	1.2245	0.0009
67	100	LDR UNBIAS	1.223	1.2224	-0.0006
68	100	LDR UNBIAS	1.2226	1.2218	-0.0008
69	100	LDR UNBIAS	1.223	1.2223	-0.0007
70	100	LDR UNBIAS	1.2233	1.2245	0.0012

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	1.2213	1.2229	1.224	0.0012715	1.2214	1.2229	1.2241	0.0012356	-0.0003	-5e-05	0.0002	0.00023805
3	1.2217	1.2233	1.2245	0.00085277	1.2215	1.2233	1.2243	0.00087057	-0.0012	-2e-05	0.0009	0.00050947
10	1.2217	1.2233	1.2245	0.00085277	1.221	1.2233	1.2248	0.0010844	-0.0007	-9e-05	0.0003	0.00036953
20	1.2217	1.2233	1.2245	0.00085277	1.2207	1.2229	1.2246	0.0010791	-0.0017	-0.00042	0.0004	0.00061968
30	1.2217	1.2233	1.2245	0.00085277	1.2205	1.2227	1.2237	0.0010042	-0.0019	-0.00063	0.0001	0.00063953
50	1.2217	1.2233	1.2245	0.00085277	1.2213	1.2236	1.2249	0.0011481	-0.0017	0.00021	0.0013	0.0008621
100	1.2217	1.2233	1.2245	0.00085277	1.2204	1.2226	1.2245	0.0013532	-0.0032	-0.00072	0.0012	0.0012586

Device Test: 21.5 VOLTAGE|VREF/VREF/12/12/0/0/5/100kHz//@V_REFCAP





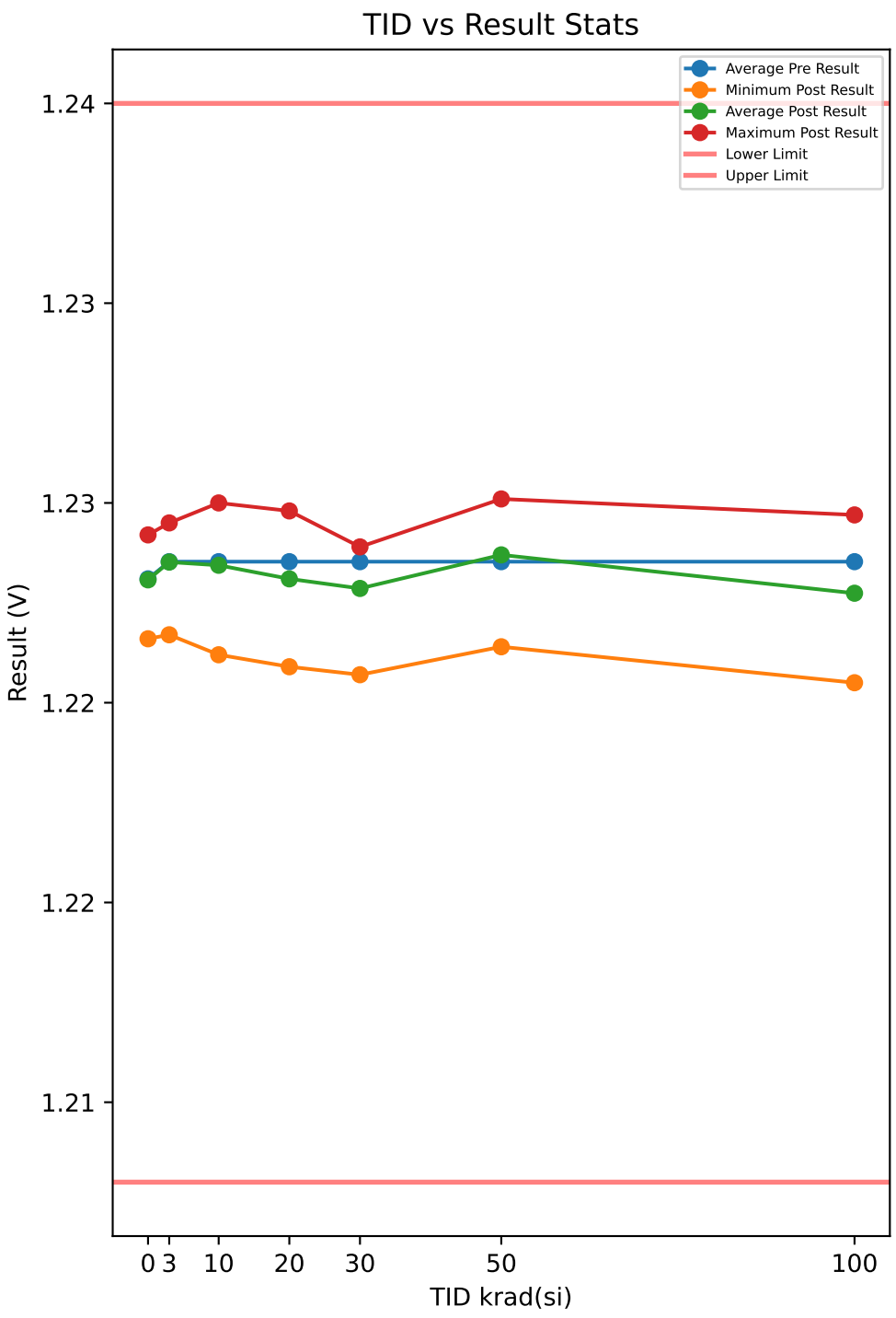
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

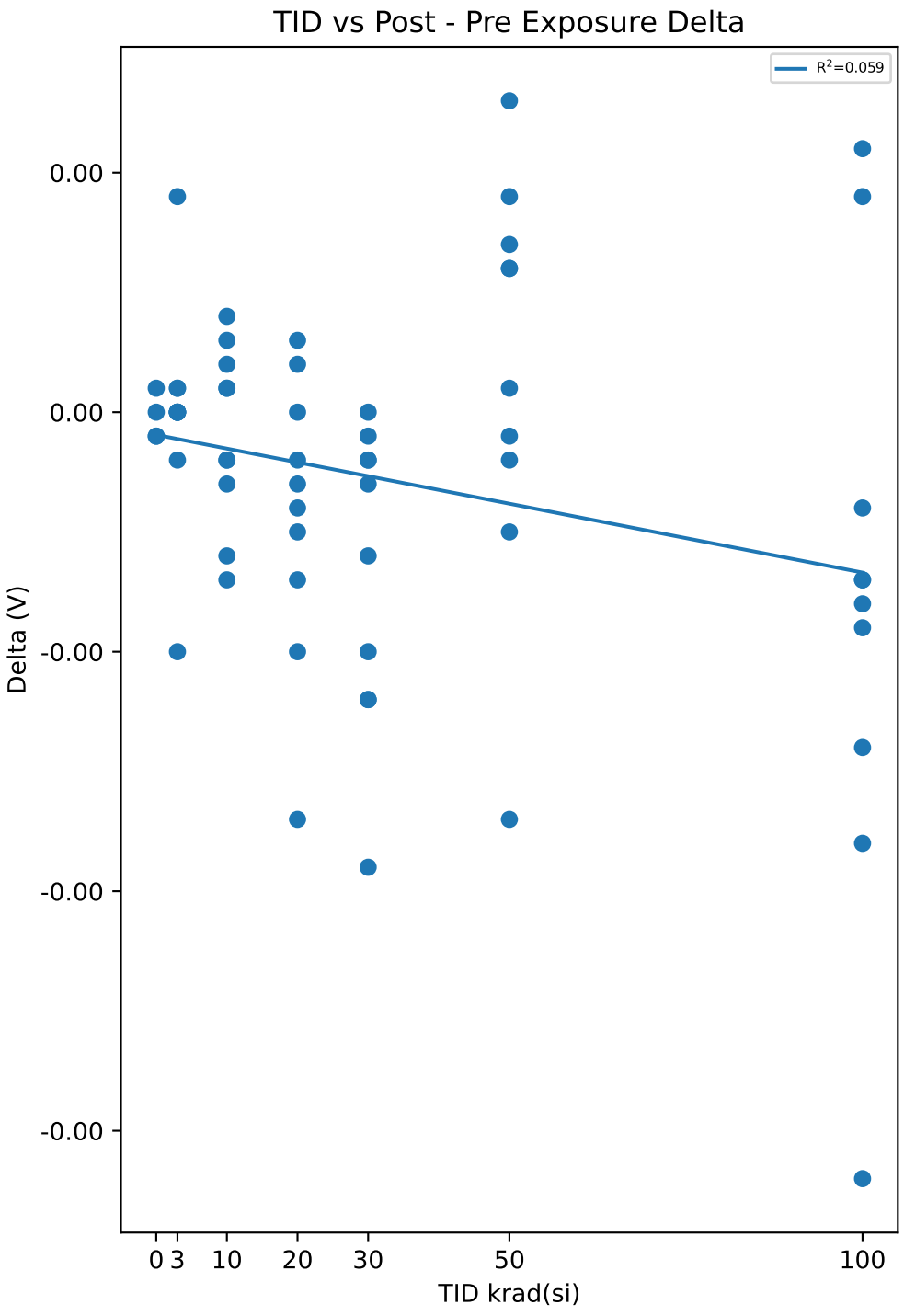
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2234	1.2244	0.001
3	3	LDR BIAS	1.2246	1.2236	-0.001
4	3	LDR BIAS	1.2219	1.2217	-0.0002
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2238	1.2239	0.0001
7	3	LDR UNBIAS	1.2233	1.2231	-0.0002
8	3	LDR UNBIAS	1.2227	1.2228	0.0001
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2234	1.2235	0.0001
11	0	CORRELATION	1.2241	1.2238	-0.0003
12	0	CORRELATION	1.2227	1.2226	-0.0001
13	0	CORRELATION	1.2216	1.2215	-0.0001
14	0	CORRELATION	1.224	1.2242	0.0002
21	10	LDR BIAS	1.2244	1.2247	0.0003
22	10	LDR BIAS	1.2234	1.2236	0.0002
23	10	LDR BIAS	1.2246	1.225	0.0004
24	10	LDR BIAS	1.2219	1.2212	-0.0007
25	10	LDR BIAS	1.2244	1.2238	-0.0006
26	10	LDR UNBIAS	1.2238	1.2239	0.0001
27	10	LDR UNBIAS	1.2233	1.223	-0.0003
28	10	LDR UNBIAS	1.2227	1.2224	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2234	1.2233	-0.0001
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2234	1.2232	-0.0002
33	20	LDR BIAS	1.2246	1.2229	-0.0017
34	20	LDR BIAS	1.2219	1.2209	-0.001
35	20	LDR BIAS	1.2244	1.2238	-0.0006
36	20	LDR UNBIAS	1.2238	1.2238	0
37	20	LDR UNBIAS	1.2233	1.2227	-0.0006
38	20	LDR UNBIAS	1.2227	1.2221	-0.0006
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2239	-0.0005
42	30	LDR BIAS	1.2234	1.2234	0
43	30	LDR BIAS	1.2246	1.2226	-0.002
44	30	LDR BIAS	1.2219	1.2207	-0.0012
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2238	1.2238	0
47	30	LDR UNBIAS	1.2233	1.223	-0.0003
48	30	LDR UNBIAS	1.2227	1.2216	-0.0011
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2234	1.2232	-0.0002
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2234	1.2243	0.0009
53	50	LDR BIAS	1.2246	1.2229	-0.0017
54	50	LDR BIAS	1.2219	1.2214	-0.0005
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2238	1.2251	0.0013
57	50	LDR UNBIAS	1.2233	1.2233	0
58	50	LDR UNBIAS	1.2227	1.2226	-0.0001
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2234	1.2227	-0.0007
63	100	LDR BIAS	1.2246	1.2213	-0.0033
64	100	LDR BIAS	1.2219	1.2205	-0.0014
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2238	1.2246	0.0008
67	100	LDR UNBIAS	1.2233	1.2225	-0.0008
68	100	LDR UNBIAS	1.2227	1.2219	-0.0008
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2216	1.2231	1.2241	0.001186	1.2215	1.223	1.2242	0.001223	-0.0003	-7.5e-05	0.0002	0.00020616
3	1.2219	1.2235	1.2246	0.00083931	1.2217	1.2235	1.2245	0.00087178	-0.001	2.2204e-17	0.001	0.00048534
10	1.2219	1.2235	1.2246	0.00083931	1.2212	1.2234	1.225	0.0010904	-0.0007	-7e-05	0.0004	0.00039172
20	1.2219	1.2235	1.2246	0.00083931	1.2209	1.223	1.2247	0.0010309	-0.0017	-0.00046	0.0003	0.00058538
30	1.2219	1.2235	1.2246	0.00083931	1.2207	1.2228	1.2239	0.0010003	-0.002	-0.00065	0	0.00065362
50	1.2219	1.2235	1.2246	0.00083931	1.2214	1.2237	1.2251	0.0011564	-0.0017	0.00018	0.0013	0.00086641
100	1.2219	1.2235	1.2246	0.00083931	1.2205	1.2227	1.2246	0.0013645	-0.0033	-0.00078	0.0012	0.0012665

Device Test: 21.7 VOLTAGE|VREF/VREF/14/14/0/0/5/100kHz//@V_REFCAP





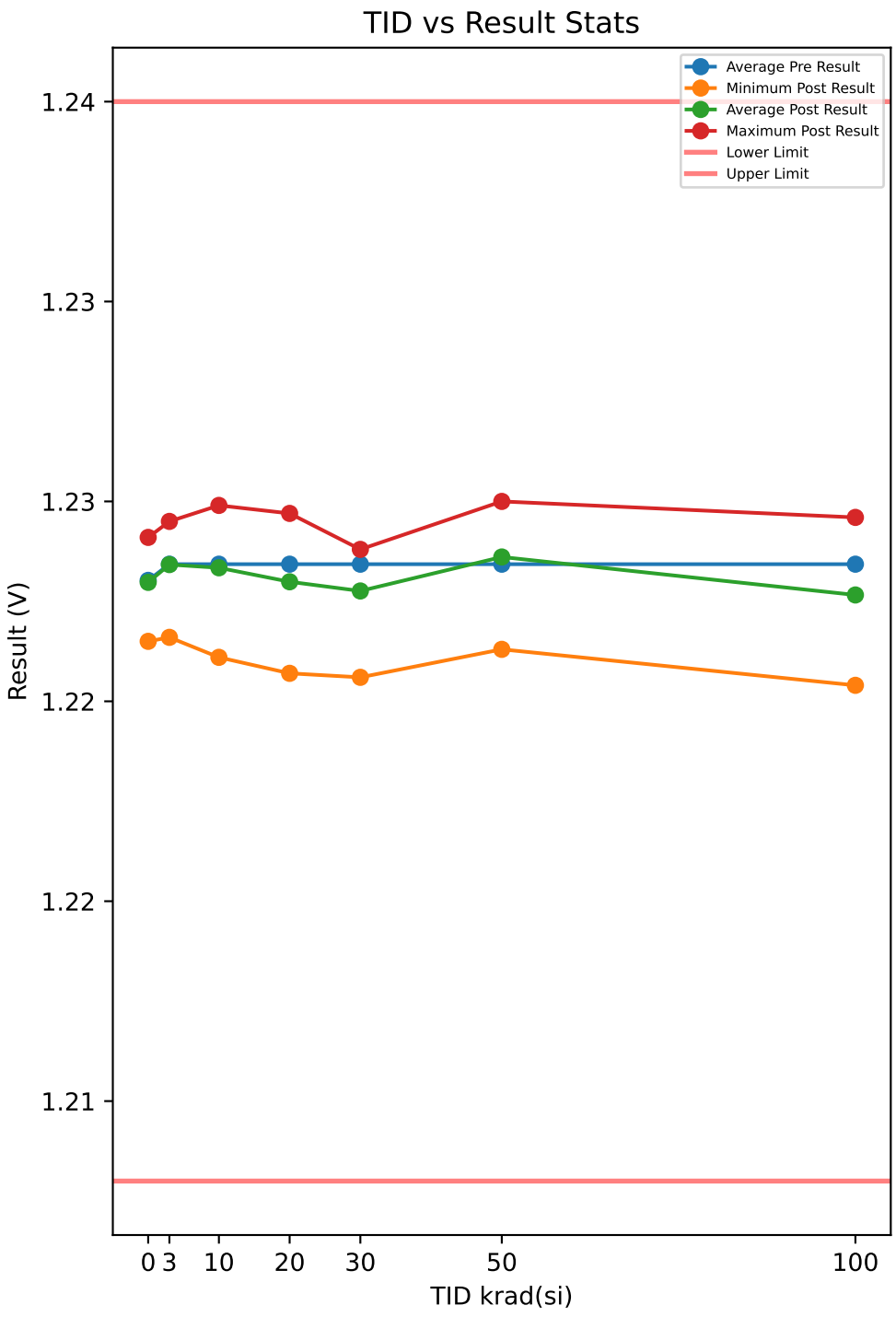
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

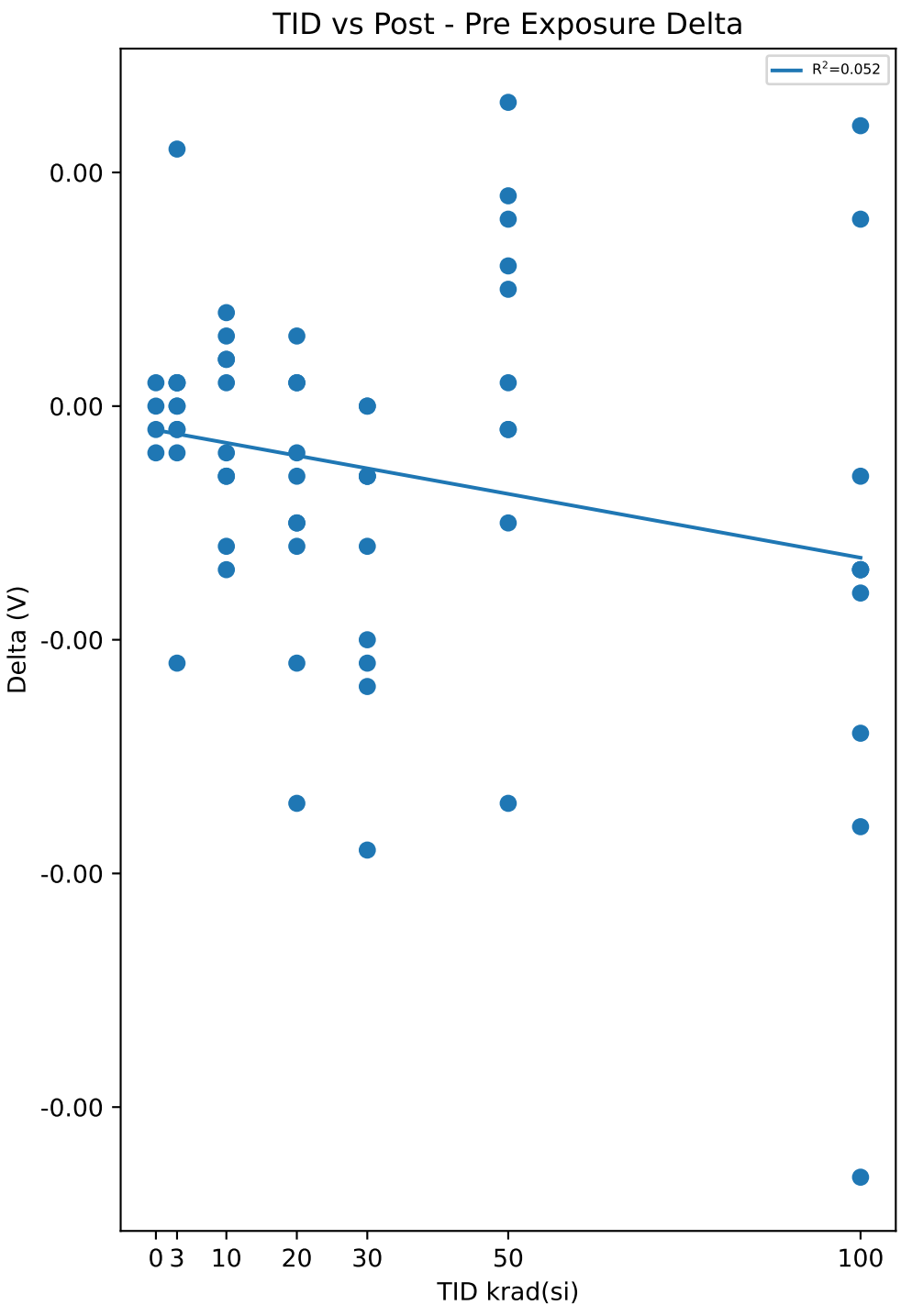
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2245	1.2245	0
2	3	LDR BIAS	1.2235	1.2244	0.0009
3	3	LDR BIAS	1.2246	1.2236	-0.001
4	3	LDR BIAS	1.2219	1.2217	-0.0002
5	3	LDR BIAS	1.2244	1.2244	0
6	3	LDR UNBIAS	1.2238	1.2239	0.0001
7	3	LDR UNBIAS	1.2232	1.2232	0
8	3	LDR UNBIAS	1.2228	1.2228	0
9	3	LDR UNBIAS	1.2231	1.2231	0
10	3	LDR UNBIAS	1.2235	1.2236	0.0001
11	0	CORRELATION	1.224	1.2239	-0.0001
12	0	CORRELATION	1.2227	1.2226	-0.0001
13	0	CORRELATION	1.2216	1.2216	0
14	0	CORRELATION	1.2241	1.2242	0.0001
21	10	LDR BIAS	1.2245	1.2247	0.0002
22	10	LDR BIAS	1.2235	1.2236	0.0001
23	10	LDR BIAS	1.2246	1.225	0.0004
24	10	LDR BIAS	1.2219	1.2212	-0.0007
25	10	LDR BIAS	1.2244	1.2238	-0.0006
26	10	LDR UNBIAS	1.2238	1.2239	0.0001
27	10	LDR UNBIAS	1.2232	1.223	-0.0002
28	10	LDR UNBIAS	1.2228	1.2225	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2235	1.2233	-0.0002
31	20	LDR BIAS	1.2245	1.2248	0.0003
32	20	LDR BIAS	1.2235	1.2233	-0.0002
33	20	LDR BIAS	1.2246	1.2229	-0.0017
34	20	LDR BIAS	1.2219	1.2209	-0.001
35	20	LDR BIAS	1.2244	1.2239	-0.0005
36	20	LDR UNBIAS	1.2238	1.2238	0
37	20	LDR UNBIAS	1.2232	1.2228	-0.0004
38	20	LDR UNBIAS	1.2228	1.2221	-0.0007
39	20	LDR UNBIAS	1.2231	1.2233	0.0002
40	20	LDR UNBIAS	1.2235	1.2232	-0.0003
41	30	LDR BIAS	1.2245	1.2239	-0.0006
42	30	LDR BIAS	1.2235	1.2234	-0.0001
43	30	LDR BIAS	1.2246	1.2227	-0.0019
44	30	LDR BIAS	1.2219	1.2207	-0.0012
45	30	LDR BIAS	1.2244	1.2234	-0.001
46	30	LDR UNBIAS	1.2238	1.2238	0
47	30	LDR UNBIAS	1.2232	1.223	-0.0002
48	30	LDR UNBIAS	1.2228	1.2216	-0.0012
49	30	LDR UNBIAS	1.2231	1.2229	-0.0002
50	30	LDR UNBIAS	1.2235	1.2232	-0.0003
51	50	LDR BIAS	1.2245	1.2251	0.0006
52	50	LDR BIAS	1.2235	1.2242	0.0007
53	50	LDR BIAS	1.2246	1.2229	-0.0017
54	50	LDR BIAS	1.2219	1.2214	-0.0005
55	50	LDR BIAS	1.2244	1.2243	-0.0001
56	50	LDR UNBIAS	1.2238	1.2251	0.0013
57	50	LDR UNBIAS	1.2232	1.2233	0.0001
58	50	LDR UNBIAS	1.2228	1.2226	-0.0002
59	50	LDR UNBIAS	1.2231	1.2237	0.0006
60	50	LDR UNBIAS	1.2235	1.2244	0.0009
61	100	LDR BIAS	1.2245	1.2241	-0.0004
62	100	LDR BIAS	1.2235	1.2227	-0.0008
63	100	LDR BIAS	1.2246	1.2214	-0.0032
64	100	LDR BIAS	1.2219	1.2205	-0.0014
65	100	LDR BIAS	1.2244	1.2226	-0.0018
66	100	LDR UNBIAS	1.2238	1.2247	0.0009
67	100	LDR UNBIAS	1.2232	1.2225	-0.0007
68	100	LDR UNBIAS	1.2228	1.2219	-0.0009
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2235	1.2246	0.0011

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	1.2216	1.2231	1.2241	0.001186	1.2216	1.2231	1.2242	0.0012038	-0.0001	-2.5e-05	0.0001	9.5743e-05
3	1.2219	1.2235	1.2246	0.00084334	1.2217	1.2235	1.2245	0.00086769	-0.001	-1e-05	0.0009	0.0004557
10	1.2219	1.2235	1.2246	0.00084334	1.2212	1.2234	1.225	0.0010803	-0.0007	-9e-05	0.0004	0.00037253
20	1.2219	1.2235	1.2246	0.00084334	1.2209	1.2231	1.2248	0.0010583	-0.0017	-0.00043	0.0003	0.00059638
30	1.2219	1.2235	1.2246	0.00084334	1.2207	1.2229	1.2239	0.000998	-0.0019	-0.00067	0	0.00062725
50	1.2219	1.2235	1.2246	0.00084334	1.2214	1.2237	1.2251	0.00117	-0.0017	0.00017	0.0013	0.00085771
100	1.2219	1.2235	1.2246	0.00084334	1.2205	1.2227	1.2247	0.0013689	-0.0032	-0.00079	0.0011	0.0012387

Device Test: 21.9 VOLTAGE|VREF/VREF/4.5/4.5/0/0/4.5/500kHz//@V_REFCAP





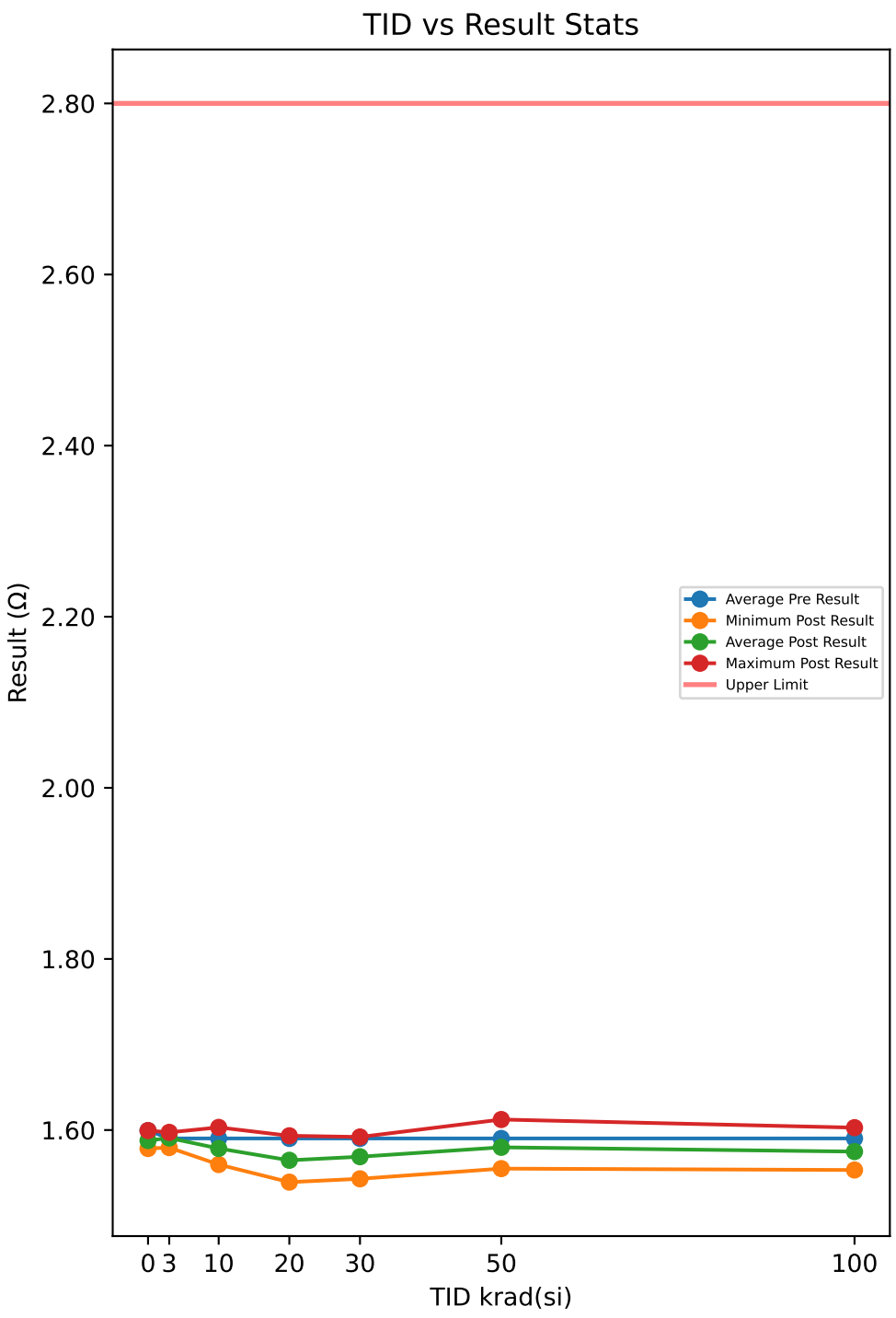
Test Results (Lower Limit = 1.208, Upper Limit = 1.235 (V))

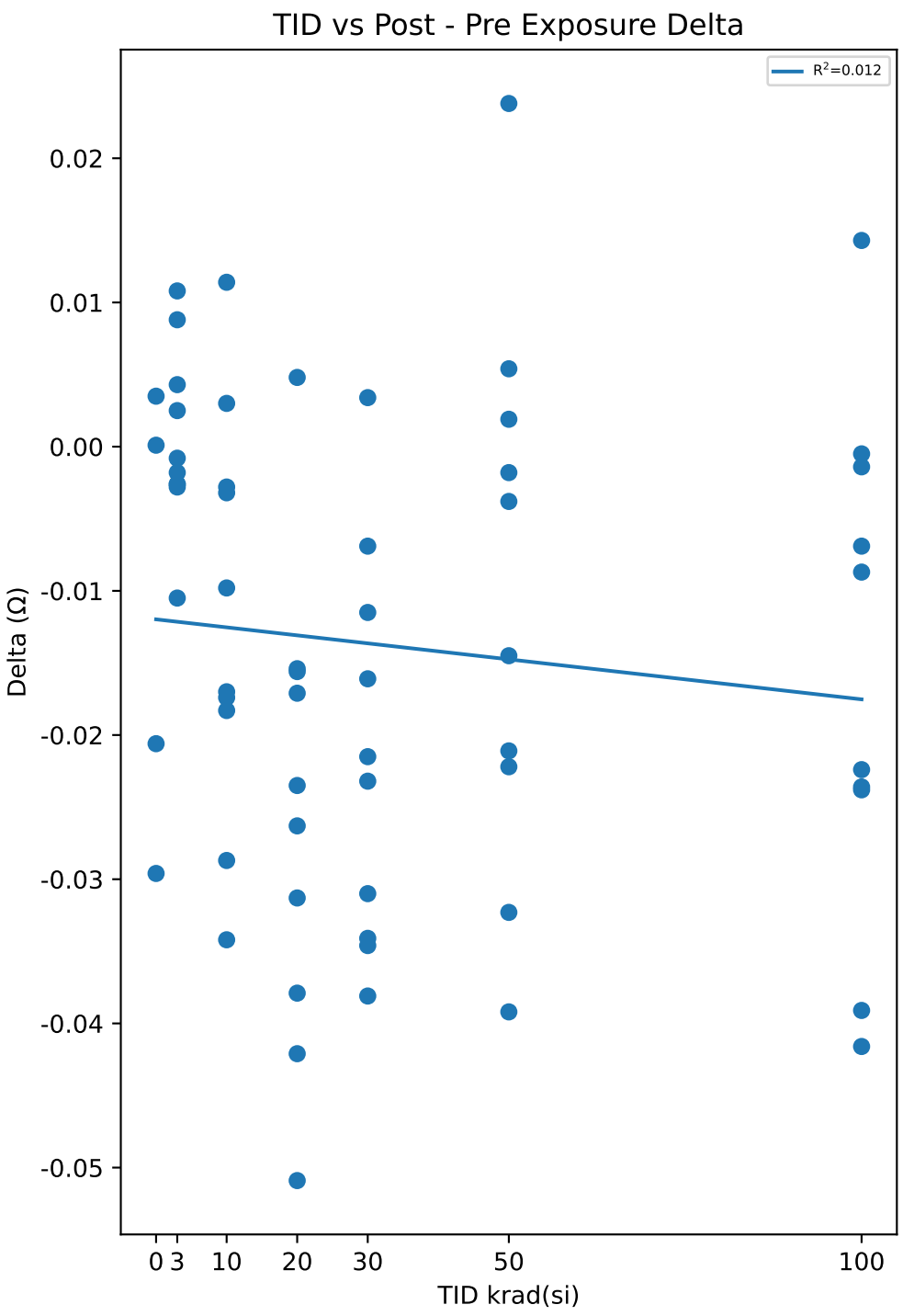
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.2244	1.2245	0.0001
2	3	LDR BIAS	1.2233	1.2244	0.0011
3	3	LDR BIAS	1.2245	1.2234	-0.0011
4	3	LDR BIAS	1.2218	1.2216	-0.0002
5	3	LDR BIAS	1.2243	1.2243	0
6	3	LDR UNBIAS	1.2237	1.2238	0.0001
7	3	LDR UNBIAS	1.2232	1.2231	-0.0001
8	3	LDR UNBIAS	1.2226	1.2227	0.0001
9	3	LDR UNBIAS	1.2231	1.223	-0.0001
10	3	LDR UNBIAS	1.2234	1.2234	0
11	0	CORRELATION	1.224	1.2238	-0.0002
12	0	CORRELATION	1.2226	1.2225	-0.0001
13	0	CORRELATION	1.2215	1.2215	0
14	0	CORRELATION	1.224	1.2241	0.0001
21	10	LDR BIAS	1.2244	1.2246	0.0002
22	10	LDR BIAS	1.2233	1.2235	0.0002
23	10	LDR BIAS	1.2245	1.2249	0.0004
24	10	LDR BIAS	1.2218	1.2211	-0.0007
25	10	LDR BIAS	1.2243	1.2237	-0.0006
26	10	LDR UNBIAS	1.2237	1.2238	0.0001
27	10	LDR UNBIAS	1.2232	1.2229	-0.0003
28	10	LDR UNBIAS	1.2226	1.2223	-0.0003
29	10	LDR UNBIAS	1.2231	1.2234	0.0003
30	10	LDR UNBIAS	1.2234	1.2232	-0.0002
31	20	LDR BIAS	1.2244	1.2247	0.0003
32	20	LDR BIAS	1.2233	1.2231	-0.0002
33	20	LDR BIAS	1.2245	1.2228	-0.0017
34	20	LDR BIAS	1.2218	1.2207	-0.0011
35	20	LDR BIAS	1.2243	1.2238	-0.0005
36	20	LDR UNBIAS	1.2237	1.2238	0.0001
37	20	LDR UNBIAS	1.2232	1.2227	-0.0005
38	20	LDR UNBIAS	1.2226	1.222	-0.0006
39	20	LDR UNBIAS	1.2231	1.2232	0.0001
40	20	LDR UNBIAS	1.2234	1.2231	-0.0003
41	30	LDR BIAS	1.2244	1.2238	-0.0006
42	30	LDR BIAS	1.2233	1.2233	0
43	30	LDR BIAS	1.2245	1.2226	-0.0019
44	30	LDR BIAS	1.2218	1.2206	-0.0012
45	30	LDR BIAS	1.2243	1.2233	-0.001
46	30	LDR UNBIAS	1.2237	1.2237	0
47	30	LDR UNBIAS	1.2232	1.2229	-0.0003
48	30	LDR UNBIAS	1.2226	1.2215	-0.0011
49	30	LDR UNBIAS	1.2231	1.2228	-0.0003
50	30	LDR UNBIAS	1.2234	1.2231	-0.0003
51	50	LDR BIAS	1.2244	1.225	0.0006
52	50	LDR BIAS	1.2233	1.2241	0.0008
53	50	LDR BIAS	1.2245	1.2228	-0.0017
54	50	LDR BIAS	1.2218	1.2213	-0.0005
55	50	LDR BIAS	1.2243	1.2242	-0.0001
56	50	LDR UNBIAS	1.2237	1.225	0.0013
57	50	LDR UNBIAS	1.2232	1.2233	0.0001
58	50	LDR UNBIAS	1.2226	1.2225	-0.0001
59	50	LDR UNBIAS	1.2231	1.2236	0.0005
60	50	LDR UNBIAS	1.2234	1.2243	0.0009
61	100	LDR BIAS	1.2244	1.2241	-0.0003
62	100	LDR BIAS	1.2233	1.2226	-0.0007
63	100	LDR BIAS	1.2245	1.2212	-0.0033
64	100	LDR BIAS	1.2218	1.2204	-0.0014
65	100	LDR BIAS	1.2243	1.2225	-0.0018
66	100	LDR UNBIAS	1.2237	1.2245	0.0008
67	100	LDR UNBIAS	1.2232	1.2225	-0.0007
68	100	LDR UNBIAS	1.2226	1.2218	-0.0008
69	100	LDR UNBIAS	1.2231	1.2224	-0.0007
70	100	LDR UNBIAS	1.2234	1.2246	0.0012

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	1.2215	1.223	1.224	0.0012121	1.2215	1.223	1.2241	0.0012038	-0.0002	-5e-05	0.0001	0.0001291
3	1.2218	1.2234	1.2245	0.00084597	1.2216	1.2234	1.2245	0.00089169	-0.0011	-1e-05	0.0011	0.00052799
10	1.2218	1.2234	1.2245	0.00084597	1.2211	1.2233	1.2249	0.0010906	-0.0007	-9e-05	0.0004	0.00038427
20	1.2218	1.2234	1.2245	0.00084597	1.2207	1.223	1.2247	0.0010878	-0.0017	-0.00044	0.0003	0.00060222
30	1.2218	1.2234	1.2245	0.00084597	1.2206	1.2228	1.2238	0.000998	-0.0019	-0.00067	0	0.00061473
50	1.2218	1.2234	1.2245	0.00084597	1.2213	1.2236	1.225	0.0011666	-0.0017	0.00018	0.0013	0.00085609
100	1.2218	1.2234	1.2245	0.00084597	1.2204	1.2227	1.2246	0.0013874	-0.0033	-0.00077	0.0012	0.0012667

Device Test: 23.10 LEVEL|LS_RDSON/OUTL/12/12/100/0/5/500kHz//@ROL





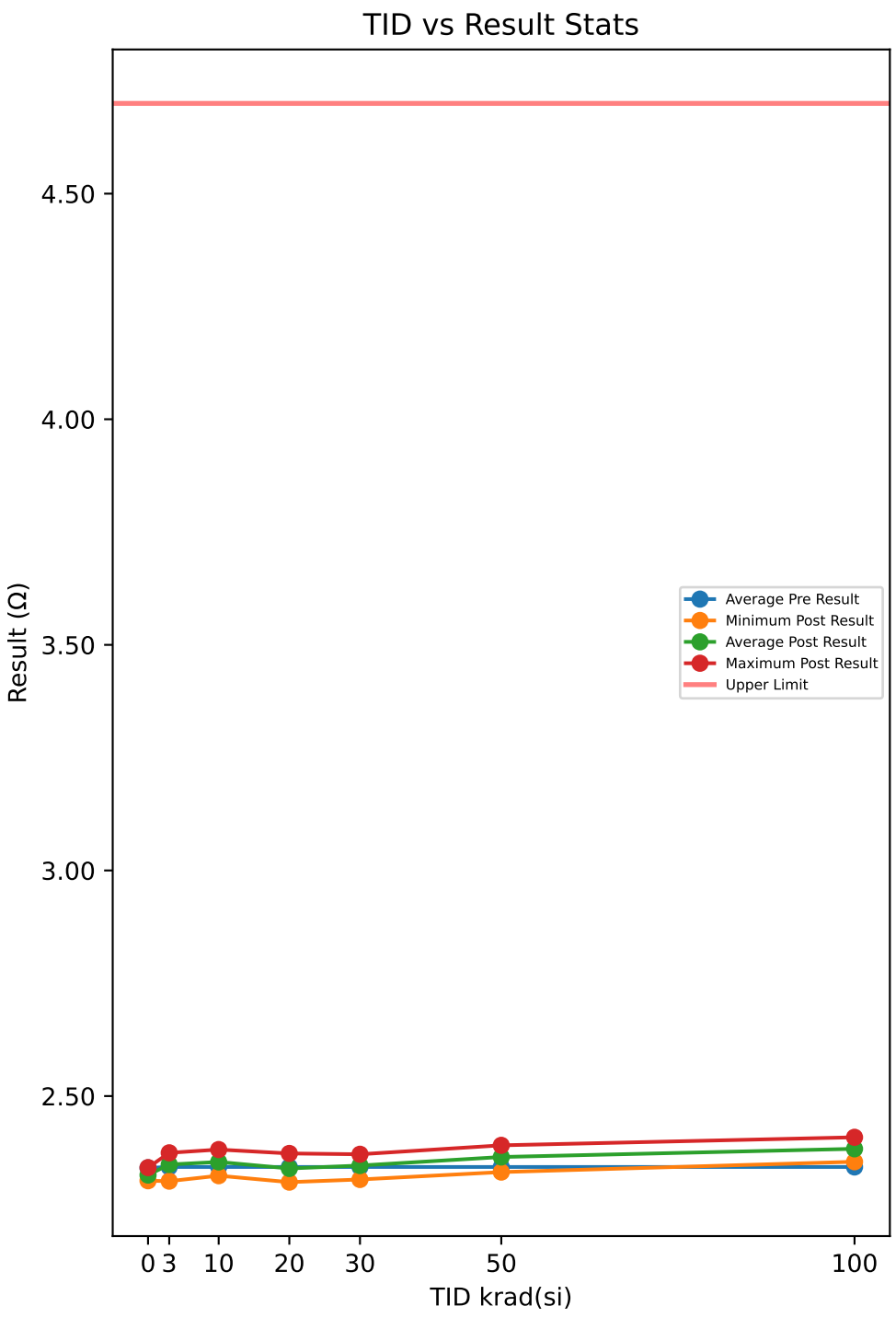
Test Results (Upper Limit = 2.8 (Ω))

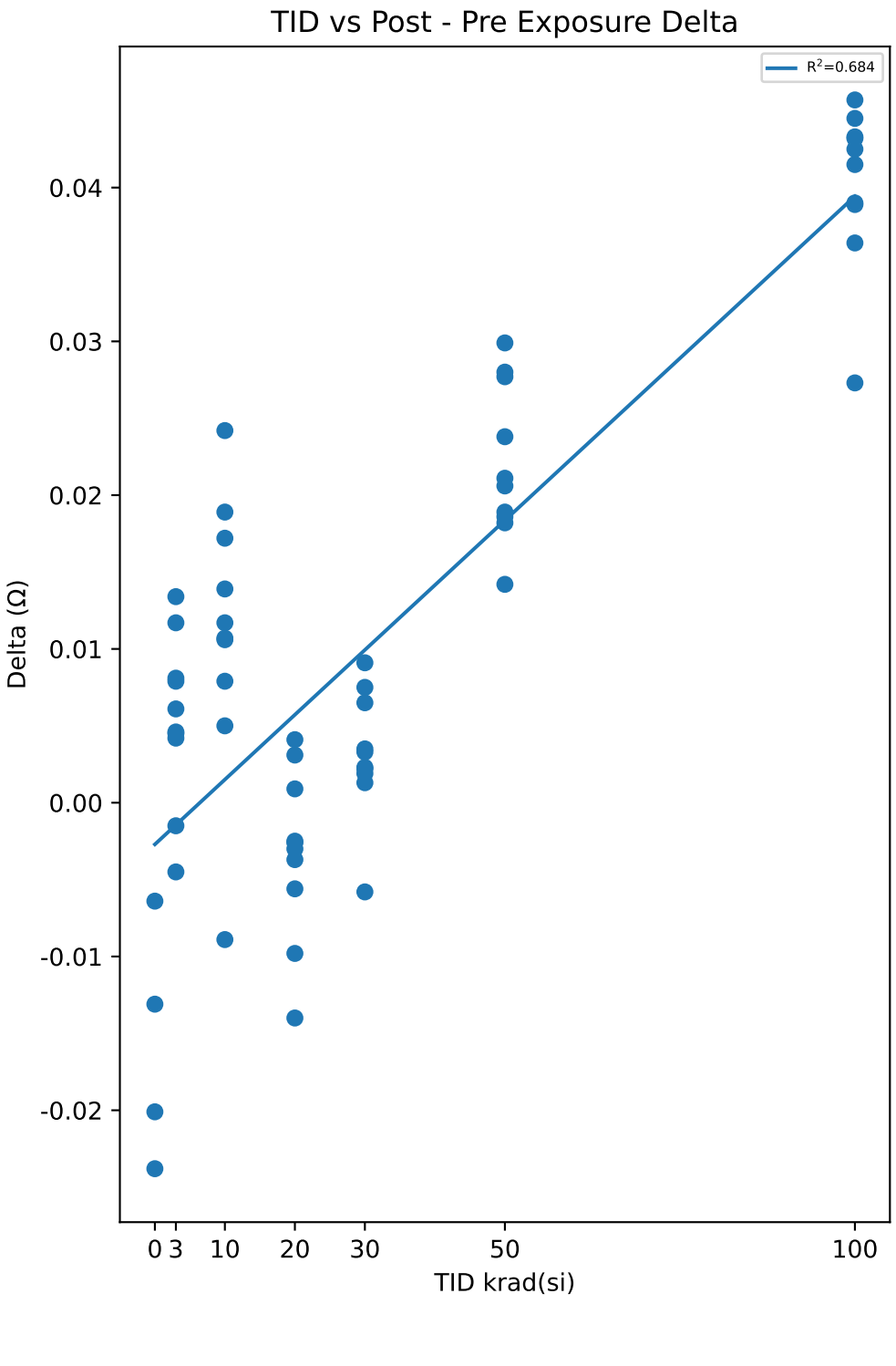
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.5966	1.594	-0.0026
2	3	LDR BIAS	1.59	1.5795	-0.0105
3	3	LDR BIAS	1.5885	1.5973	0.0088
4	3	LDR BIAS	1.5771	1.5796	0.0025
5	3	LDR BIAS	1.5977	1.5959	-0.0018
6	3	LDR UNBIAS	1.5811	1.5803	-0.0008
7	3	LDR UNBIAS	1.6001	1.5973	-0.0028
8	3	LDR UNBIAS	1.5893	1.5936	0.0043
9	3	LDR UNBIAS	1.5994	1.5968	-0.0026
10	3	LDR UNBIAS	1.582	1.5928	0.0108
11	0	CORRELATION	1.5993	1.5994	0.0001
12	0	CORRELATION	1.6016	1.581	-0.0206
13	0	CORRELATION	1.6216	1.592	-0.0296
14	0	CORRELATION	1.5749	1.5784	0.0035
21	10	LDR BIAS	1.5966	1.5783	-0.0183
22	10	LDR BIAS	1.59	1.5802	-0.0098
23	10	LDR BIAS	1.5885	1.5853	-0.0032
24	10	LDR BIAS	1.5771	1.5597	-0.0174
25	10	LDR BIAS	1.5977	1.5635	-0.0342
26	10	LDR UNBIAS	1.5811	1.5783	-0.0028
27	10	LDR UNBIAS	1.6001	1.6031	0.003
28	10	LDR UNBIAS	1.5893	1.5723	-0.017
29	10	LDR UNBIAS	1.5994	1.5707	-0.0287
30	10	LDR UNBIAS	1.582	1.5934	0.0114
31	20	LDR BIAS	1.5966	1.5545	-0.0421
32	20	LDR BIAS	1.59	1.5391	-0.0509
33	20	LDR BIAS	1.5885	1.5933	0.0048
34	20	LDR BIAS	1.5771	1.5458	-0.0313
35	20	LDR BIAS	1.5977	1.5598	-0.0379
36	20	LDR UNBIAS	1.5811	1.5657	-0.0154
37	20	LDR UNBIAS	1.6001	1.5766	-0.0235
38	20	LDR UNBIAS	1.5893	1.5722	-0.0171
39	20	LDR UNBIAS	1.5994	1.5731	-0.0263
40	20	LDR UNBIAS	1.582	1.5664	-0.0156
41	30	LDR BIAS	1.5966	1.5585	-0.0381
42	30	LDR BIAS	1.59	1.559	-0.031
43	30	LDR BIAS	1.5885	1.5919	0.0034
44	30	LDR BIAS	1.5771	1.543	-0.0341
45	30	LDR BIAS	1.5977	1.5631	-0.0346
46	30	LDR UNBIAS	1.5811	1.5696	-0.0115
47	30	LDR UNBIAS	1.6001	1.5786	-0.0215
48	30	LDR UNBIAS	1.5893	1.5732	-0.0161
49	30	LDR UNBIAS	1.5994	1.5762	-0.0232
50	30	LDR UNBIAS	1.582	1.5751	-0.0069
51	50	LDR BIAS	1.5966	1.5574	-0.0392
52	50	LDR BIAS	1.59	1.5689	-0.0211
53	50	LDR BIAS	1.5885	1.6123	0.0238
54	50	LDR BIAS	1.5771	1.5549	-0.0222
55	50	LDR BIAS	1.5977	1.5654	-0.0323
56	50	LDR UNBIAS	1.5811	1.583	0.0019
57	50	LDR UNBIAS	1.6001	1.5963	-0.0038
58	50	LDR UNBIAS	1.5893	1.5875	-0.0018
59	50	LDR UNBIAS	1.5994	1.5849	-0.0145
60	50	LDR UNBIAS	1.582	1.5874	0.0054
61	100	LDR BIAS	1.5966	1.555	-0.0416
62	100	LDR BIAS	1.59	1.5664	-0.0236
63	100	LDR BIAS	1.5885	1.6028	0.0143
64	100	LDR BIAS	1.5771	1.5533	-0.0238
65	100	LDR BIAS	1.5977	1.5586	-0.0391
66	100	LDR UNBIAS	1.5811	1.5797	-0.0014
67	100	LDR UNBIAS	1.6001	1.5914	-0.0087
68	100	LDR UNBIAS	1.5893	1.5824	-0.0069
69	100	LDR UNBIAS	1.5994	1.577	-0.0224
70	100	LDR UNBIAS	1.582	1.5815	-0.0005

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.5749	1.5993	1.6216	0.019131	1.5784	1.5877	1.5994	0.0097768	-0.0296	-0.01165	0.0035	0.01602
3	1.5771	1.5902	1.6001	0.0082007	1.5795	1.5907	1.5973	0.0076876	-0.0105	0.00053	0.0108	0.0062495
10	1.5771	1.5902	1.6001	0.0082007	1.5597	1.5785	1.6031	0.013141	-0.0342	-0.0117	0.0114	0.014158
20	1.5771	1.5902	1.6001	0.0082007	1.5391	1.5646	1.5933	0.015744	-0.0509	-0.02553	0.0048	0.015991
30	1.5771	1.5902	1.6001	0.0082007	1.543	1.5688	1.5919	0.013517	-0.0381	-0.02136	0.0034	0.013586
50	1.5771	1.5902	1.6001	0.0082007	1.5549	1.5798	1.6123	0.018042	-0.0392	-0.01038	0.0238	0.019055
100	1.5771	1.5902	1.6001	0.0082007	1.5533	1.5748	1.6028	0.016256	-0.0416	-0.01537	0.0143	0.017802

Device Test: 23.11 LEVEL|HS_RDSON/OUTH/14/14/100/0/5/500kHz//@ROH





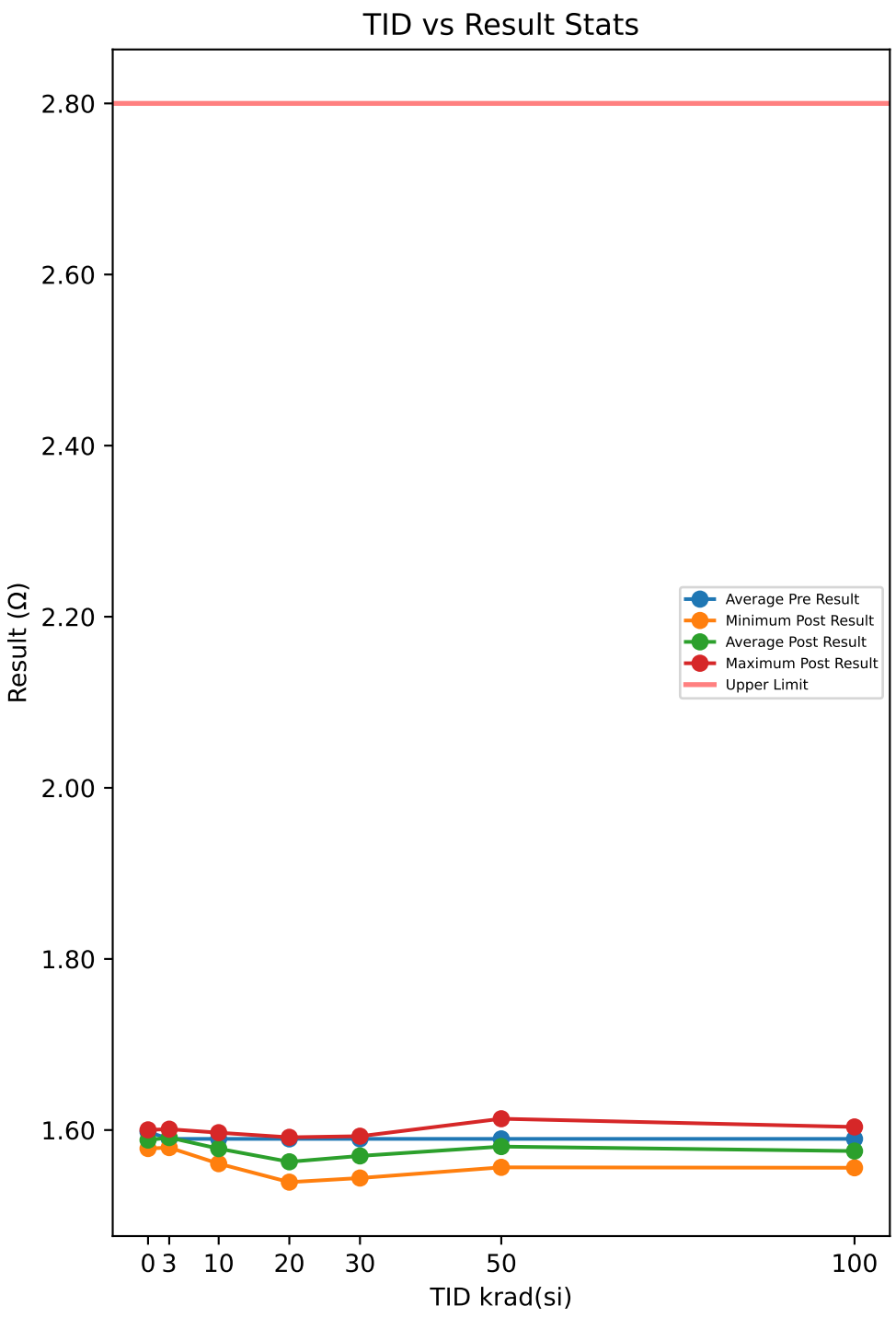
Test Results (Upper Limit = 4.7 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.3129	2.3114	-0.0015
2	3	LDR BIAS	2.3369	2.3411	0.0042
3	3	LDR BIAS	2.344	2.3574	0.0134
4	3	LDR BIAS	2.3605	2.3722	0.0117
5	3	LDR BIAS	2.3512	2.3573	0.0061
6	3	LDR UNBIAS	2.3311	2.3357	0.0046
7	3	LDR UNBIAS	2.3653	2.3732	0.0079
8	3	LDR UNBIAS	2.319	2.3271	0.0081
9	3	LDR UNBIAS	2.3697	2.3742	0.0045
10	3	LDR UNBIAS	2.3377	2.3332	-0.0045
11	0	CORRELATION	2.3361	2.3123	-0.0238
12	0	CORRELATION	2.3447	2.3246	-0.0201
13	0	CORRELATION	2.3279	2.3215	-0.0064
14	0	CORRELATION	2.3545	2.3414	-0.0131
21	10	LDR BIAS	2.3129	2.3235	0.0106
22	10	LDR BIAS	2.3369	2.3558	0.0189
23	10	LDR BIAS	2.344	2.3547	0.0107
24	10	LDR BIAS	2.3605	2.3744	0.0139
25	10	LDR BIAS	2.3512	2.3684	0.0172
26	10	LDR UNBIAS	2.3311	2.339	0.0079
27	10	LDR UNBIAS	2.3653	2.3564	-0.0089
28	10	LDR UNBIAS	2.319	2.324	0.005
29	10	LDR UNBIAS	2.3697	2.3814	0.0117
30	10	LDR UNBIAS	2.3377	2.3619	0.0242
31	20	LDR BIAS	2.3129	2.3138	0.0009
32	20	LDR BIAS	2.3369	2.3343	-0.0026
33	20	LDR BIAS	2.344	2.3415	-0.0025
34	20	LDR BIAS	2.3605	2.3568	-0.0037
35	20	LDR BIAS	2.3512	2.3553	0.0041
36	20	LDR UNBIAS	2.3311	2.3281	-0.003
37	20	LDR UNBIAS	2.3653	2.3513	-0.014
38	20	LDR UNBIAS	2.319	2.3092	-0.0098
39	20	LDR UNBIAS	2.3697	2.3728	0.0031
40	20	LDR UNBIAS	2.3377	2.3321	-0.0056
41	30	LDR BIAS	2.3129	2.3151	0.0022
42	30	LDR BIAS	2.3369	2.346	0.0091
43	30	LDR BIAS	2.344	2.3515	0.0075
44	30	LDR BIAS	2.3605	2.367	0.0065
45	30	LDR BIAS	2.3512	2.3535	0.0023
46	30	LDR UNBIAS	2.3311	2.3344	0.0033
47	30	LDR UNBIAS	2.3653	2.3595	-0.0058
48	30	LDR UNBIAS	2.319	2.3225	0.0035
49	30	LDR UNBIAS	2.3697	2.371	0.0013
50	30	LDR UNBIAS	2.3377	2.3396	0.0019
51	50	LDR BIAS	2.3129	2.3315	0.0186
52	50	LDR BIAS	2.3369	2.3558	0.0189
53	50	LDR BIAS	2.344	2.3646	0.0206
54	50	LDR BIAS	2.3605	2.3904	0.0299
55	50	LDR BIAS	2.3512	2.375	0.0238
56	50	LDR UNBIAS	2.3311	2.3591	0.028
57	50	LDR UNBIAS	2.3653	2.3795	0.0142
58	50	LDR UNBIAS	2.319	2.3372	0.0182
59	50	LDR UNBIAS	2.3697	2.3908	0.0211
60	50	LDR UNBIAS	2.3377	2.3654	0.0277
61	100	LDR BIAS	2.3129	2.3544	0.0415
62	100	LDR BIAS	2.3369	2.3794	0.0425
63	100	LDR BIAS	2.344	2.3873	0.0433
64	100	LDR BIAS	2.3605	2.405	0.0445
65	100	LDR BIAS	2.3512	2.3969	0.0457
66	100	LDR UNBIAS	2.3311	2.3743	0.0432
67	100	LDR UNBIAS	2.3653	2.3926	0.0273
68	100	LDR UNBIAS	2.319	2.3554	0.0364
69	100	LDR UNBIAS	2.3697	2.4086	0.0389
70	100	LDR UNBIAS	2.3377	2.3767	0.039

Test Statistics (Ω)

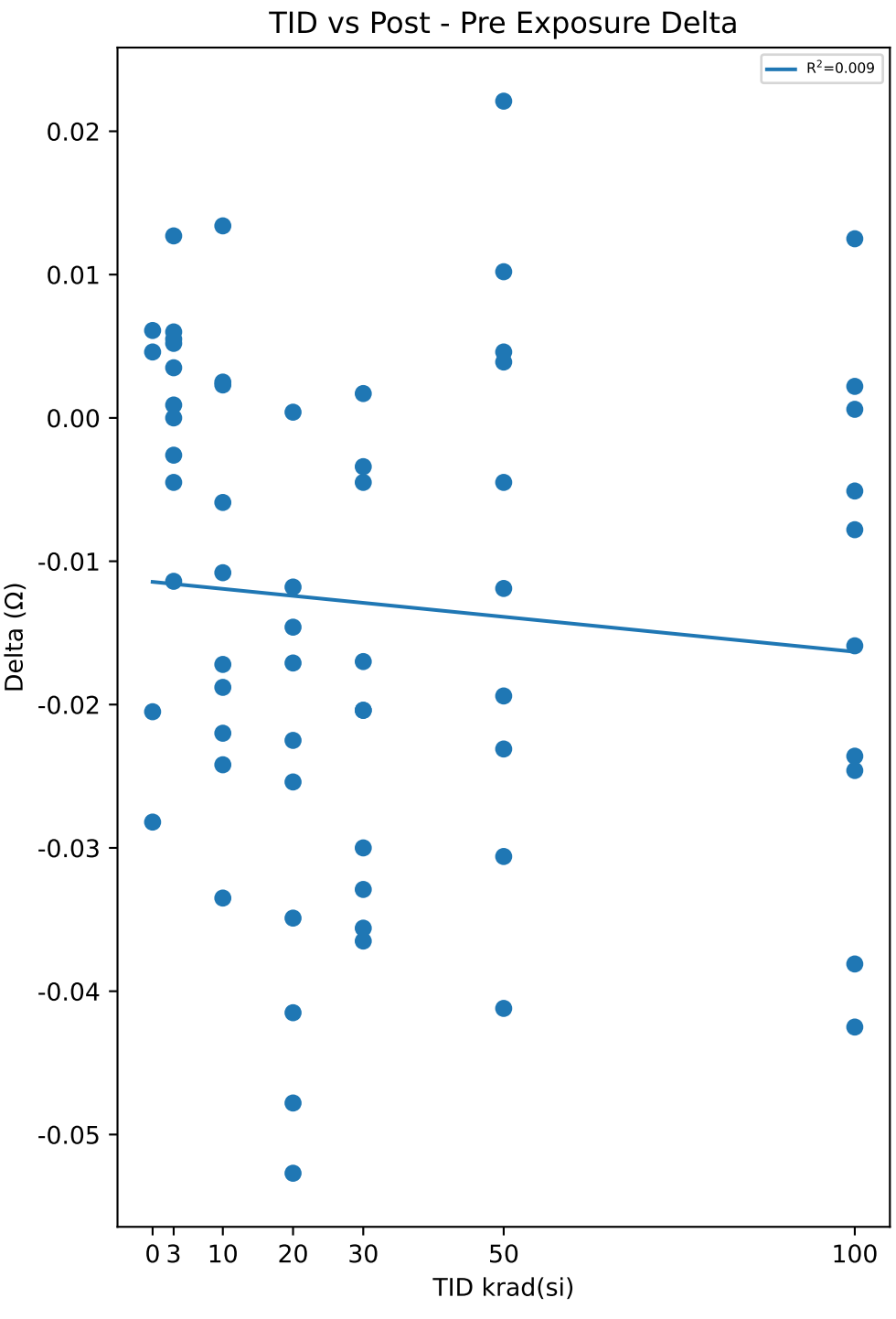
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.3279	2.3408	2.3545	0.011422	2.3123	2.325	2.3414	0.012147	-0.0238	-0.01585	-0.0064	0.0077056
3	2.3129	2.3428	2.3697	0.019071	2.3114	2.3483	2.3742	0.021796	-0.0045	0.00545	0.0134	0.0054386
10	2.3129	2.3428	2.3697	0.019071	2.3235	2.354	2.3814	0.019724	-0.0089	0.01112	0.0242	0.0089797
20	2.3129	2.3428	2.3697	0.019071	2.3092	2.3395	2.3728	0.019976	-0.014	-0.00331	0.0041	0.0055455
30	2.3129	2.3428	2.3697	0.019071	2.3151	2.346	2.371	0.01831	-0.0058	0.00318	0.0091	0.004115
50	2.3129	2.3428	2.3697	0.019071	2.3315	2.3649	2.3908	0.020099	0.0142	0.0221	0.0299	0.005091
100	2.3129	2.3428	2.3697	0.019071	2.3544	2.3831	2.4086	0.018712	0.0273	0.04023	0.0457	0.0053572

Device Test: 23.12 LEVEL|LS_RDSON/OUTL/14/14/100/0/5/500kHz//@ROL



Test Results (Upper Limit = 2.8 (Ω))

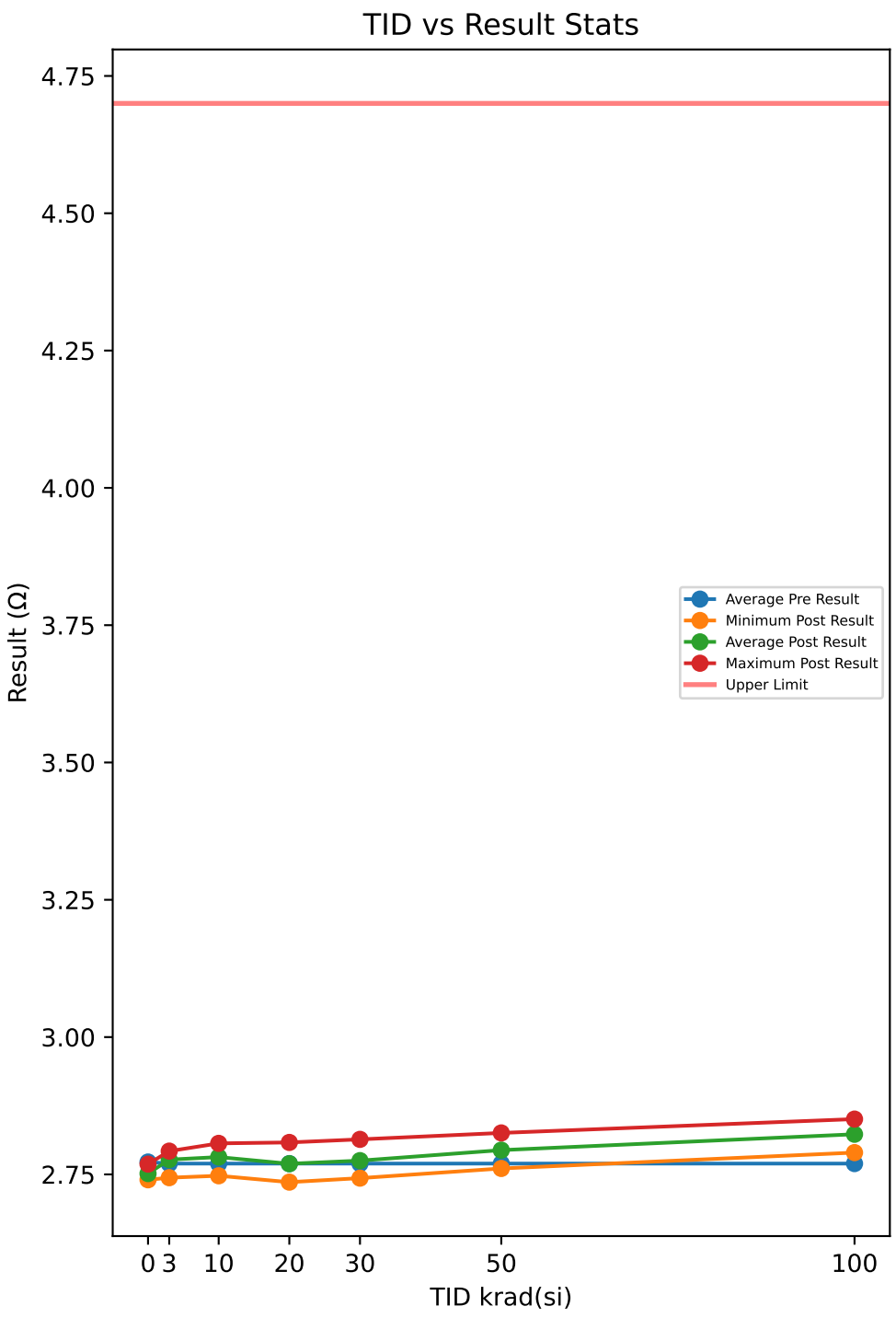
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.5995	1.595	-0.0045
2	3	LDR BIAS	1.5918	1.5804	-0.0114
3	3	LDR BIAS	1.5911	1.5963	0.0052
4	3	LDR BIAS	1.5795	1.5795	0
5	3	LDR BIAS	1.5967	1.5941	-0.0026
6	3	LDR UNBIAS	1.5775	1.583	0.0055
7	3	LDR UNBIAS	1.5946	1.5955	0.0009
8	3	LDR UNBIAS	1.5902	1.5962	0.006
9	3	LDR UNBIAS	1.5975	1.601	0.0035
10	3	LDR UNBIAS	1.5783	1.591	0.0127
11	0	CORRELATION	1.5956	1.6002	0.0046
12	0	CORRELATION	1.6007	1.5802	-0.0205
13	0	CORRELATION	1.6226	1.5944	-0.0282
14	0	CORRELATION	1.5723	1.5784	0.0061
21	10	LDR BIAS	1.5995	1.5775	-0.022
22	10	LDR BIAS	1.5918	1.581	-0.0108
23	10	LDR BIAS	1.5911	1.5852	-0.0059
24	10	LDR BIAS	1.5795	1.5607	-0.0188
25	10	LDR BIAS	1.5967	1.5632	-0.0335
26	10	LDR UNBIAS	1.5775	1.58	0.0025
27	10	LDR UNBIAS	1.5946	1.5969	0.0023
28	10	LDR UNBIAS	1.5902	1.573	-0.0172
29	10	LDR UNBIAS	1.5975	1.5733	-0.0242
30	10	LDR UNBIAS	1.5783	1.5917	0.0134
31	20	LDR BIAS	1.5995	1.5517	-0.0478
32	20	LDR BIAS	1.5918	1.5391	-0.0527
33	20	LDR BIAS	1.5911	1.5915	0.0004
34	20	LDR BIAS	1.5795	1.5446	-0.0349
35	20	LDR BIAS	1.5967	1.5552	-0.0415
36	20	LDR UNBIAS	1.5775	1.5657	-0.0118
37	20	LDR UNBIAS	1.5946	1.5775	-0.0171
38	20	LDR UNBIAS	1.5902	1.5677	-0.0225
39	20	LDR UNBIAS	1.5975	1.5721	-0.0254
40	20	LDR UNBIAS	1.5783	1.5637	-0.0146
41	30	LDR BIAS	1.5995	1.563	-0.0365
42	30	LDR BIAS	1.5918	1.5589	-0.0329
43	30	LDR BIAS	1.5911	1.5928	0.0017
44	30	LDR BIAS	1.5795	1.5439	-0.0356
45	30	LDR BIAS	1.5967	1.5667	-0.03
46	30	LDR UNBIAS	1.5775	1.573	-0.0045
47	30	LDR UNBIAS	1.5946	1.5742	-0.0204
48	30	LDR UNBIAS	1.5902	1.5732	-0.017
49	30	LDR UNBIAS	1.5975	1.5771	-0.0204
50	30	LDR UNBIAS	1.5783	1.5749	-0.0034
51	50	LDR BIAS	1.5995	1.5583	-0.0412
52	50	LDR BIAS	1.5918	1.5724	-0.0194
53	50	LDR BIAS	1.5911	1.6132	0.0221
54	50	LDR BIAS	1.5795	1.5564	-0.0231
55	50	LDR BIAS	1.5967	1.5661	-0.0306
56	50	LDR UNBIAS	1.5775	1.5814	0.0039
57	50	LDR UNBIAS	1.5946	1.5992	0.0046
58	50	LDR UNBIAS	1.5902	1.5857	-0.0045
59	50	LDR UNBIAS	1.5975	1.5856	-0.0119
60	50	LDR UNBIAS	1.5783	1.5885	0.0102
61	100	LDR BIAS	1.5995	1.557	-0.0425
62	100	LDR BIAS	1.5918	1.5672	-0.0246
63	100	LDR BIAS	1.5911	1.6036	0.0125
64	100	LDR BIAS	1.5795	1.5559	-0.0236
65	100	LDR BIAS	1.5967	1.5586	-0.0381
66	100	LDR UNBIAS	1.5775	1.5797	0.0022
67	100	LDR UNBIAS	1.5946	1.5895	-0.0051
68	100	LDR UNBIAS	1.5902	1.5824	-0.0078
69	100	LDR UNBIAS	1.5975	1.5816	-0.0159
70	100	LDR UNBIAS	1.5783	1.5789	0.0006



Test Statistics (Ω)

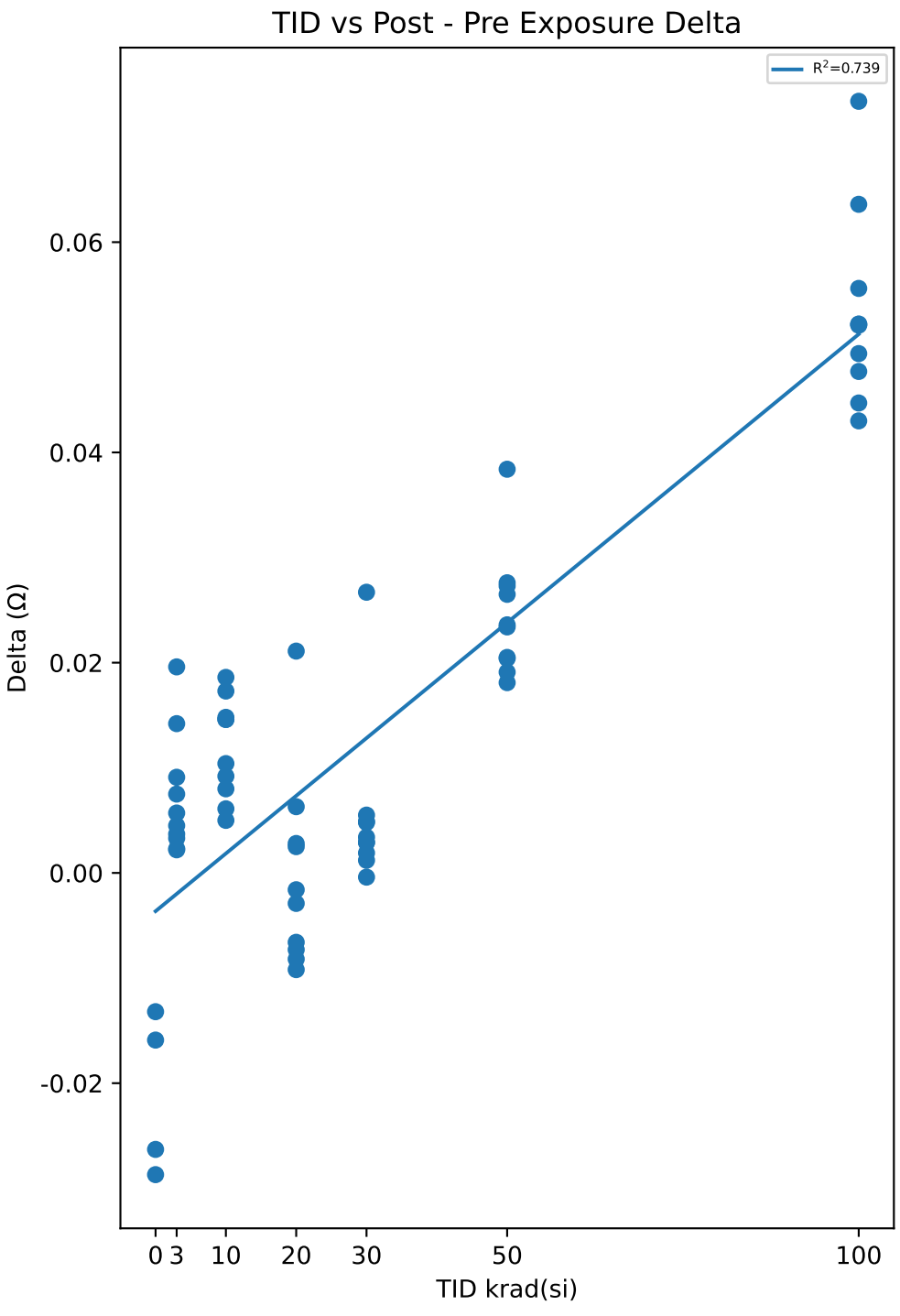
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.5723	1.5978	1.6226	0.020644	1.5784	1.5883	1.6002	0.010684	-0.0282	-0.0095	0.0061	0.017444
3	1.5775	1.5897	1.5995	0.0082955	1.5795	1.5912	1.601	0.0075218	-0.0114	0.00153	0.0127	0.0066767
10	1.5775	1.5897	1.5995	0.0082955	1.5607	1.5782	1.5969	0.011425	-0.0335	-0.01142	0.0134	0.014451
20	1.5775	1.5897	1.5995	0.0082955	1.5391	1.5629	1.5915	0.015753	-0.0527	-0.02679	0.0004	0.017068
30	1.5775	1.5897	1.5995	0.0082955	1.5439	1.5698	1.5928	0.012888	-0.0365	-0.0199	0.0017	0.014055
50	1.5775	1.5897	1.5995	0.0082955	1.5564	1.5807	1.6132	0.017898	-0.0412	-0.00899	0.0221	0.019794
100	1.5775	1.5897	1.5995	0.0082955	1.5559	1.5754	1.6036	0.015565	-0.0425	-0.01423	0.0125	0.017939

Device Test: 23.5 LEVEL|HS_RDSON/OUTH/4.5/4.5/100/0/4.5/500kHz//@ROH



Test Results (Upper Limit = 4.7 (Ω))

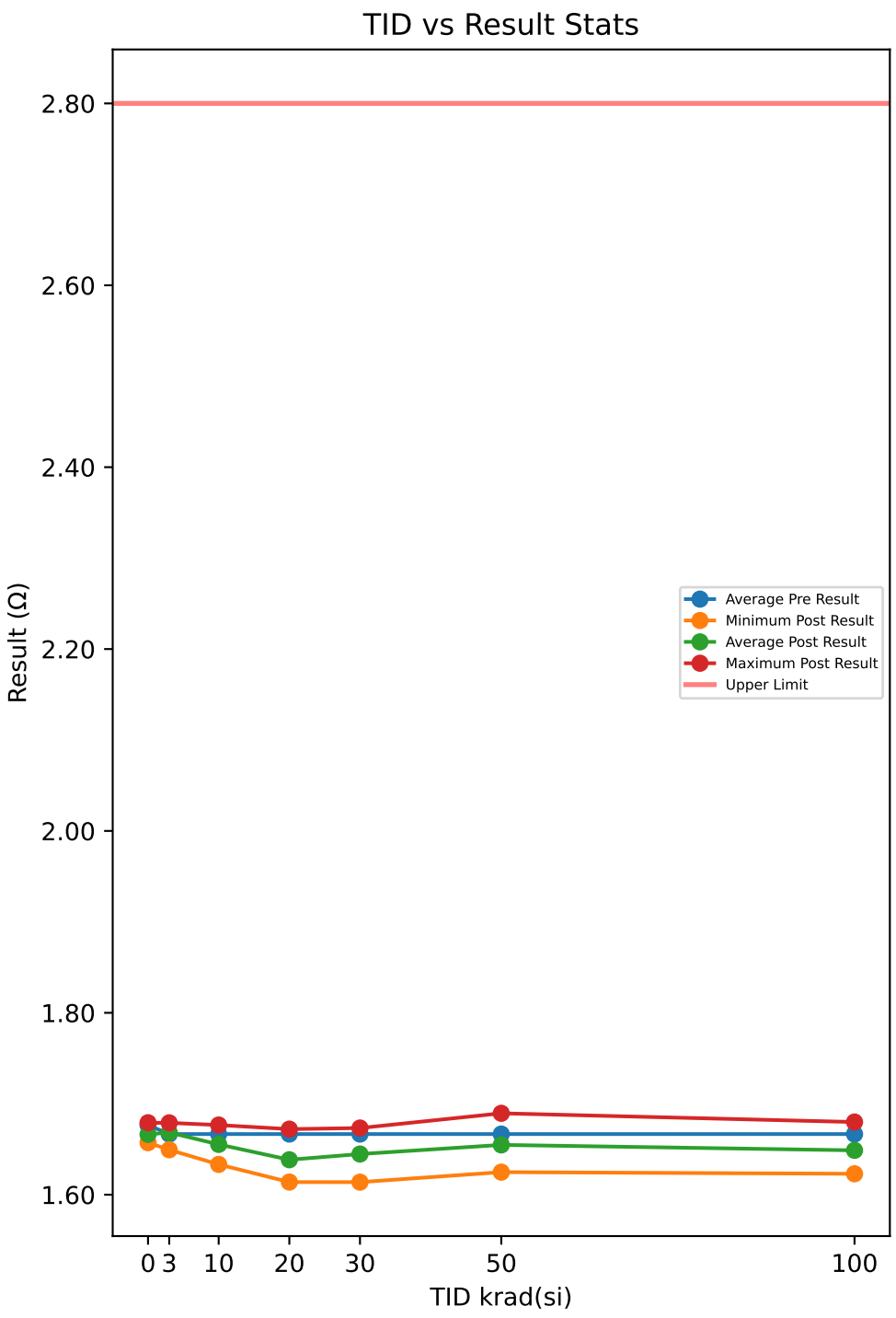
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.7403	2.744	0.0037
2	3	LDR BIAS	2.7708	2.7904	0.0196
3	3	LDR BIAS	2.7871	2.7894	0.0023
4	3	LDR BIAS	2.7818	2.7893	0.0075
5	3	LDR BIAS	2.7879	2.7924	0.0045
6	3	LDR UNBIAS	2.774	2.7797	0.0057
7	3	LDR UNBIAS	2.7711	2.7853	0.0142
8	3	LDR UNBIAS	2.7425	2.7516	0.0091
9	3	LDR UNBIAS	2.783	2.7863	0.0033
10	3	LDR UNBIAS	2.7585	2.7607	0.0022
11	0	CORRELATION	2.7701	2.7438	-0.0263
12	0	CORRELATION	2.7689	2.7402	-0.0287
13	0	CORRELATION	2.7665	2.7533	-0.0132
14	0	CORRELATION	2.7846	2.7687	-0.0159
21	10	LDR BIAS	2.7403	2.7549	0.0146
22	10	LDR BIAS	2.7708	2.7881	0.0173
23	10	LDR BIAS	2.7871	2.8017	0.0146
24	10	LDR BIAS	2.7818	2.7898	0.008
25	10	LDR BIAS	2.7879	2.8065	0.0186
26	10	LDR UNBIAS	2.774	2.7844	0.0104
27	10	LDR UNBIAS	2.7711	2.7772	0.0061
28	10	LDR UNBIAS	2.7425	2.7475	0.005
29	10	LDR UNBIAS	2.783	2.7922	0.0092
30	10	LDR UNBIAS	2.7585	2.7733	0.0148
31	20	LDR BIAS	2.7403	2.7428	0.0025
32	20	LDR BIAS	2.7708	2.7635	-0.0073
33	20	LDR BIAS	2.7871	2.8082	0.0211
34	20	LDR BIAS	2.7818	2.7736	-0.0082
35	20	LDR BIAS	2.7879	2.7942	0.0063
36	20	LDR UNBIAS	2.774	2.7724	-0.0016
37	20	LDR UNBIAS	2.7711	2.7619	-0.0092
38	20	LDR UNBIAS	2.7425	2.7359	-0.0066
39	20	LDR UNBIAS	2.783	2.7858	0.0028
40	20	LDR UNBIAS	2.7585	2.7556	-0.0029
41	30	LDR BIAS	2.7403	2.7432	0.0029
42	30	LDR BIAS	2.7708	2.7742	0.0034
43	30	LDR BIAS	2.7871	2.8138	0.0267
44	30	LDR BIAS	2.7818	2.7873	0.0055
45	30	LDR BIAS	2.7879	2.7875	-0.0004
46	30	LDR UNBIAS	2.774	2.7769	0.0029
47	30	LDR UNBIAS	2.7711	2.7759	0.0048
48	30	LDR UNBIAS	2.7425	2.7474	0.0049
49	30	LDR UNBIAS	2.783	2.7842	0.0012
50	30	LDR UNBIAS	2.7585	2.7604	0.0019
51	50	LDR BIAS	2.7403	2.7608	0.0205
52	50	LDR BIAS	2.7708	2.7912	0.0204
53	50	LDR BIAS	2.7871	2.8255	0.0384
54	50	LDR BIAS	2.7818	2.7999	0.0181
55	50	LDR BIAS	2.7879	2.8155	0.0276
56	50	LDR UNBIAS	2.774	2.8005	0.0265
57	50	LDR UNBIAS	2.7711	2.7902	0.0191
58	50	LDR UNBIAS	2.7425	2.7659	0.0234
59	50	LDR UNBIAS	2.783	2.8103	0.0273
60	50	LDR UNBIAS	2.7585	2.7821	0.0236
61	100	LDR BIAS	2.7403	2.7897	0.0494
62	100	LDR BIAS	2.7708	2.823	0.0522
63	100	LDR BIAS	2.7871	2.8507	0.0636
64	100	LDR BIAS	2.7818	2.8265	0.0447
65	100	LDR BIAS	2.7879	2.84	0.0521
66	100	LDR UNBIAS	2.774	2.8296	0.0556
67	100	LDR UNBIAS	2.7711	2.8141	0.043
68	100	LDR UNBIAS	2.7425	2.7902	0.0477
69	100	LDR UNBIAS	2.783	2.8352	0.0522
70	100	LDR UNBIAS	2.7585	2.8319	0.0734

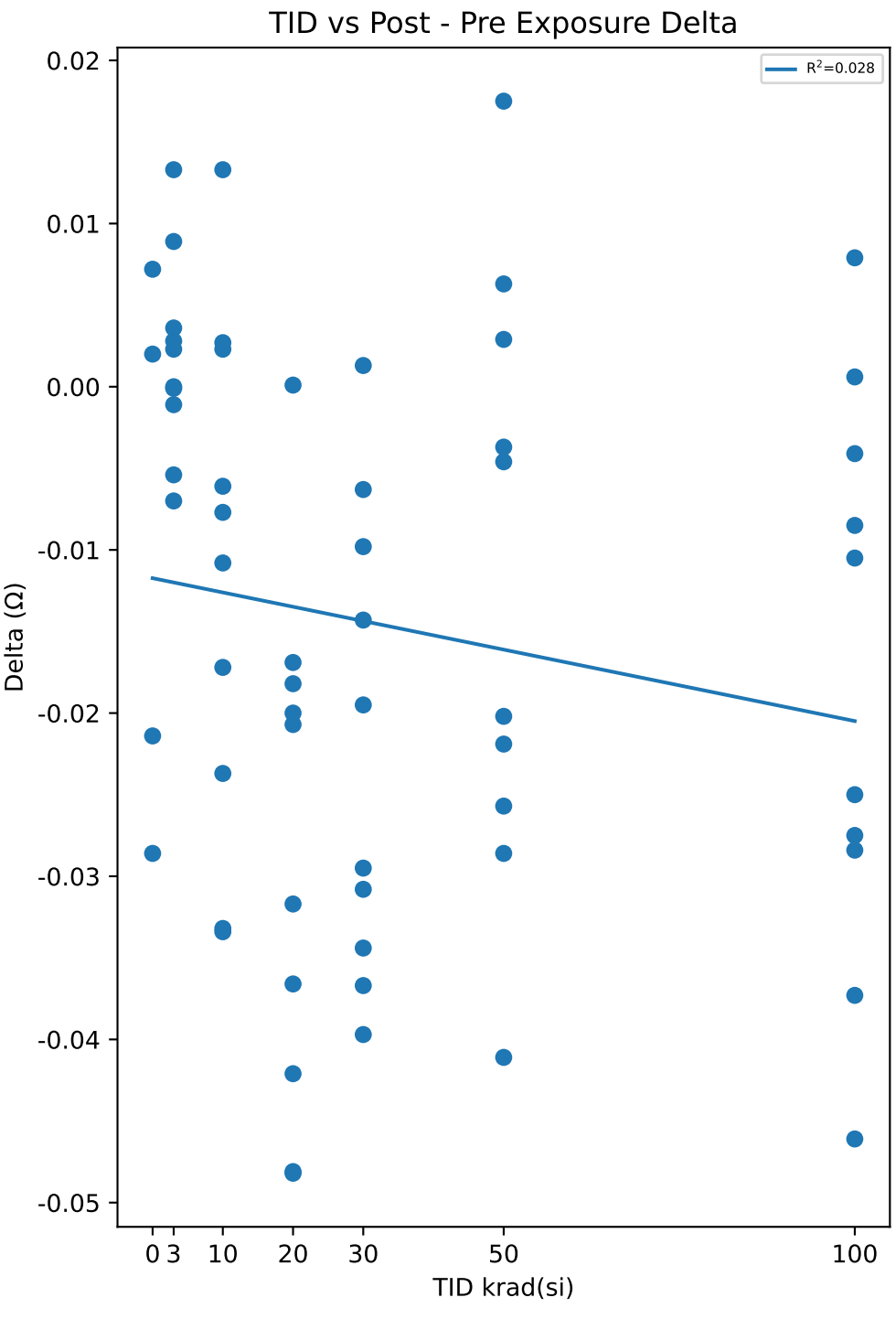


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.7665	2.7725	2.7846	0.0081879	2.7402	2.7515	2.7687	0.012729	-0.0287	-0.021025	-0.0132	0.0076208
3	2.7403	2.7697	2.7879	0.017348	2.744	2.7769	2.7924	0.017902	0.0022	0.00721	0.0196	0.0057006
10	2.7403	2.7697	2.7879	0.017348	2.7475	2.7816	2.8065	0.018908	0.005	0.01186	0.0186	0.0047495
20	2.7403	2.7697	2.7879	0.017348	2.7359	2.7694	2.8082	0.022429	-0.0092	-0.00031	0.0211	0.0091756
30	2.7403	2.7697	2.7879	0.017348	2.7432	2.7751	2.8138	0.020787	-0.0004	0.00538	0.0267	0.0077052
50	2.7403	2.7697	2.7879	0.017348	2.7608	2.7942	2.8255	0.02069	0.0181	0.02449	0.0384	0.0059592
100	2.7403	2.7697	2.7879	0.017348	2.7897	2.8231	2.8507	0.020011	0.043	0.05339	0.0734	0.009103

Device Test: 23.6 LEVEL|LS_RDSON/OUTL/4.5/4.5/100/0/4.5/500kHz//@ROL





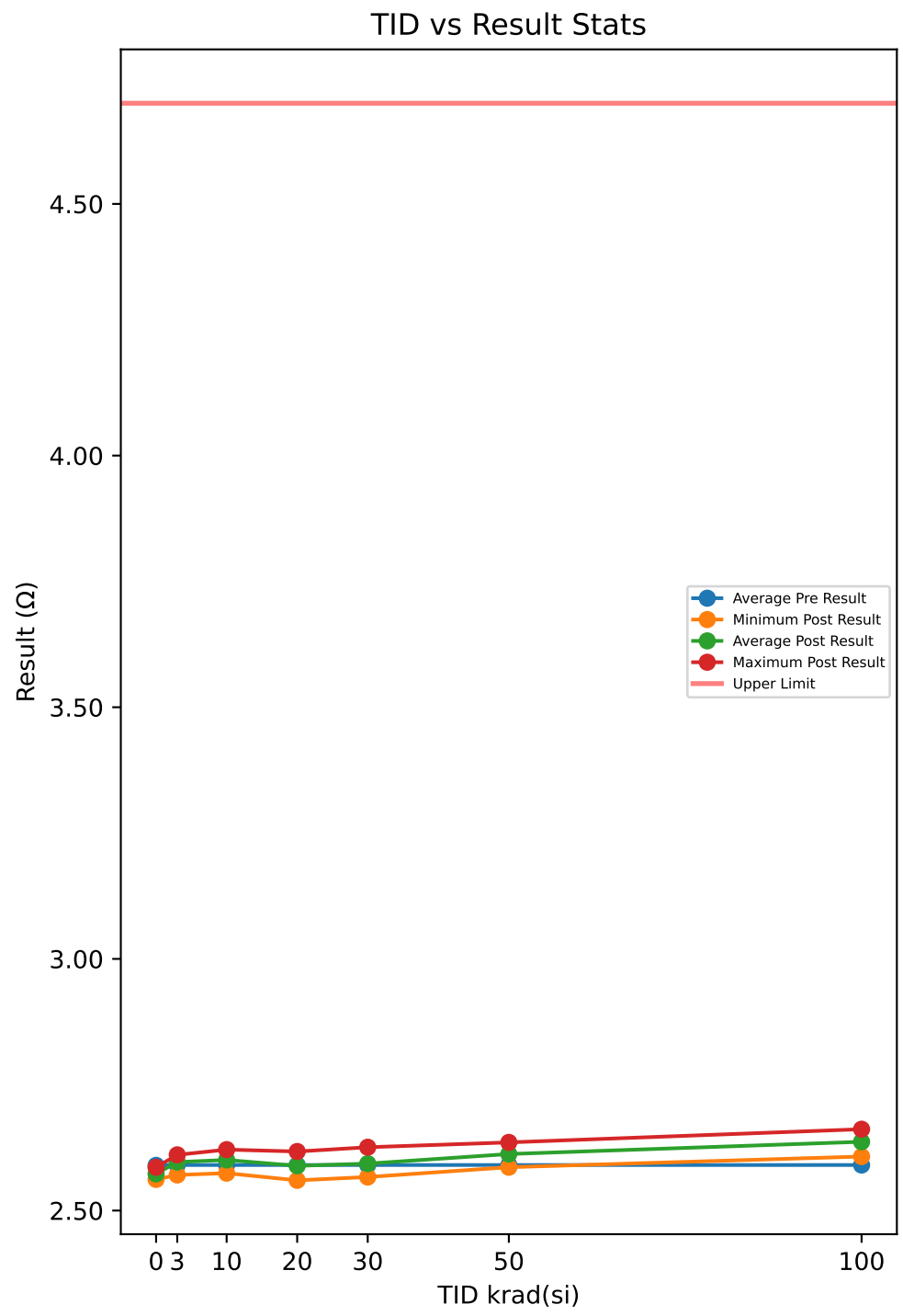
Test Results (Upper Limit = 2.8 (Ω))

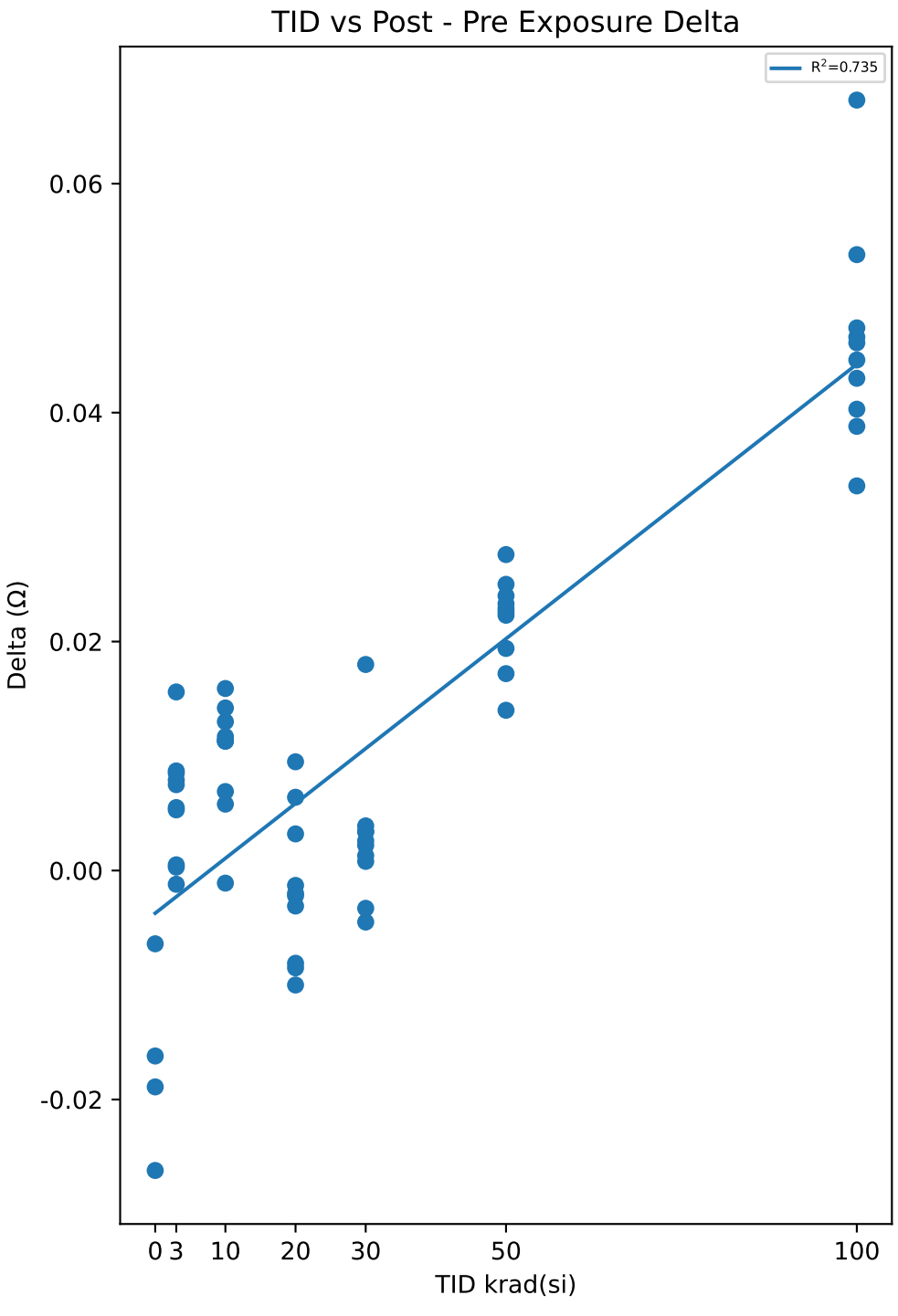
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.679	1.679	0
2	3	LDR BIAS	1.666	1.659	-0.007
3	3	LDR BIAS	1.672	1.6743	0.0023
4	3	LDR BIAS	1.6505	1.6494	-0.0011
5	3	LDR BIAS	1.6728	1.6727	-0.0001
6	3	LDR UNBIAS	1.6546	1.6582	0.0036
7	3	LDR UNBIAS	1.6743	1.6771	0.0028
8	3	LDR UNBIAS	1.6636	1.6725	0.0089
9	3	LDR UNBIAS	1.6792	1.6738	-0.0054
10	3	LDR UNBIAS	1.6547	1.668	0.0133
11	0	CORRELATION	1.6771	1.6791	0.002
12	0	CORRELATION	1.6786	1.6572	-0.0214
13	0	CORRELATION	1.7003	1.6717	-0.0286
14	0	CORRELATION	1.6501	1.6573	0.0072
21	10	LDR BIAS	1.679	1.6553	-0.0237
22	10	LDR BIAS	1.666	1.6583	-0.0077
23	10	LDR BIAS	1.672	1.6659	-0.0061
24	10	LDR BIAS	1.6505	1.6333	-0.0172
25	10	LDR BIAS	1.6728	1.6396	-0.0332
26	10	LDR UNBIAS	1.6546	1.6573	0.0027
27	10	LDR UNBIAS	1.6743	1.6766	0.0023
28	10	LDR UNBIAS	1.6636	1.6528	-0.0108
29	10	LDR UNBIAS	1.6792	1.6458	-0.0334
30	10	LDR UNBIAS	1.6547	1.668	0.0133
31	20	LDR BIAS	1.679	1.6308	-0.0482
32	20	LDR BIAS	1.666	1.6179	-0.0481
33	20	LDR BIAS	1.672	1.6721	0.0001
34	20	LDR BIAS	1.6505	1.6139	-0.0366
35	20	LDR BIAS	1.6728	1.6307	-0.0421
36	20	LDR UNBIAS	1.6546	1.6346	-0.02
37	20	LDR UNBIAS	1.6743	1.6536	-0.0207
38	20	LDR UNBIAS	1.6636	1.6467	-0.0169
39	20	LDR UNBIAS	1.6792	1.6475	-0.0317
40	20	LDR UNBIAS	1.6547	1.6365	-0.0182
41	30	LDR BIAS	1.679	1.6393	-0.0397
42	30	LDR BIAS	1.666	1.6352	-0.0308
43	30	LDR BIAS	1.672	1.6733	0.0013
44	30	LDR BIAS	1.6505	1.6138	-0.0367
45	30	LDR BIAS	1.6728	1.6384	-0.0344
46	30	LDR UNBIAS	1.6546	1.6448	-0.0098
47	30	LDR UNBIAS	1.6743	1.6548	-0.0195
48	30	LDR UNBIAS	1.6636	1.6493	-0.0143
49	30	LDR UNBIAS	1.6792	1.6497	-0.0295
50	30	LDR UNBIAS	1.6547	1.6484	-0.0063
51	50	LDR BIAS	1.679	1.6379	-0.0411
52	50	LDR BIAS	1.666	1.6458	-0.0202
53	50	LDR BIAS	1.672	1.6895	0.0175
54	50	LDR BIAS	1.6505	1.6248	-0.0257
55	50	LDR BIAS	1.6728	1.6442	-0.0286
56	50	LDR UNBIAS	1.6546	1.6575	0.0029
57	50	LDR UNBIAS	1.6743	1.6697	-0.0046
58	50	LDR UNBIAS	1.6636	1.6599	-0.0037
59	50	LDR UNBIAS	1.6792	1.6573	-0.0219
60	50	LDR UNBIAS	1.6547	1.661	0.0063
61	100	LDR BIAS	1.679	1.6329	-0.0461
62	100	LDR BIAS	1.666	1.641	-0.025
63	100	LDR BIAS	1.672	1.6799	0.0079
64	100	LDR BIAS	1.6505	1.623	-0.0275
65	100	LDR BIAS	1.6728	1.6355	-0.0373
66	100	LDR UNBIAS	1.6546	1.6552	0.0006
67	100	LDR UNBIAS	1.6743	1.6638	-0.0105
68	100	LDR UNBIAS	1.6636	1.6551	-0.0085
69	100	LDR UNBIAS	1.6792	1.6508	-0.0284
70	100	LDR UNBIAS	1.6547	1.6506	-0.0041

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.6501	1.6765	1.7003	0.02056	1.6572	1.6663	1.6791	0.010906	-0.0286	-0.0102	0.0072	0.01747
3	1.6505	1.6667	1.6792	0.010507	1.6494	1.6684	1.679	0.009666	-0.007	0.00173	0.0133	0.0060703
10	1.6505	1.6667	1.6792	0.010507	1.6333	1.6553	1.6766	0.013197	-0.0334	-0.01138	0.0133	0.015574
20	1.6505	1.6667	1.6792	0.010507	1.6139	1.6384	1.6721	0.017237	-0.0482	-0.02824	0.0001	0.01572
30	1.6505	1.6667	1.6792	0.010507	1.6138	1.6447	1.6733	0.015252	-0.0397	-0.02197	0.0013	0.014223
50	1.6505	1.6667	1.6792	0.010507	1.6248	1.6548	1.6895	0.017898	-0.0411	-0.01191	0.0175	0.018336
100	1.6505	1.6667	1.6792	0.010507	1.623	1.6488	1.6799	0.016453	-0.0461	-0.01789	0.0079	0.017531

Device Test: 23.7 LEVEL|HS_RDSON/OUTH/5/5/100/0/5/500kHz//@ROH





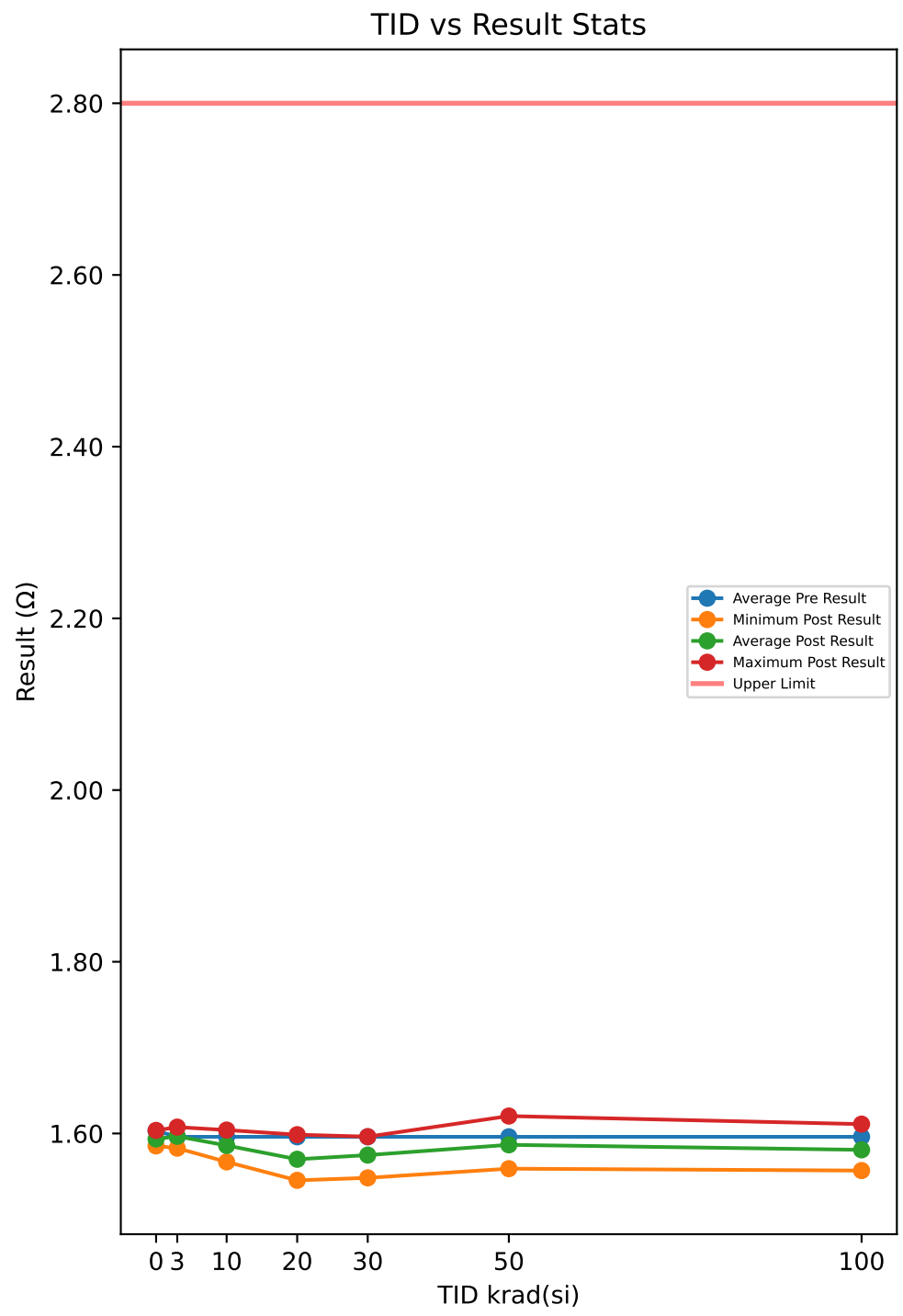
Test Results (Upper Limit = 4.7 (Ω))

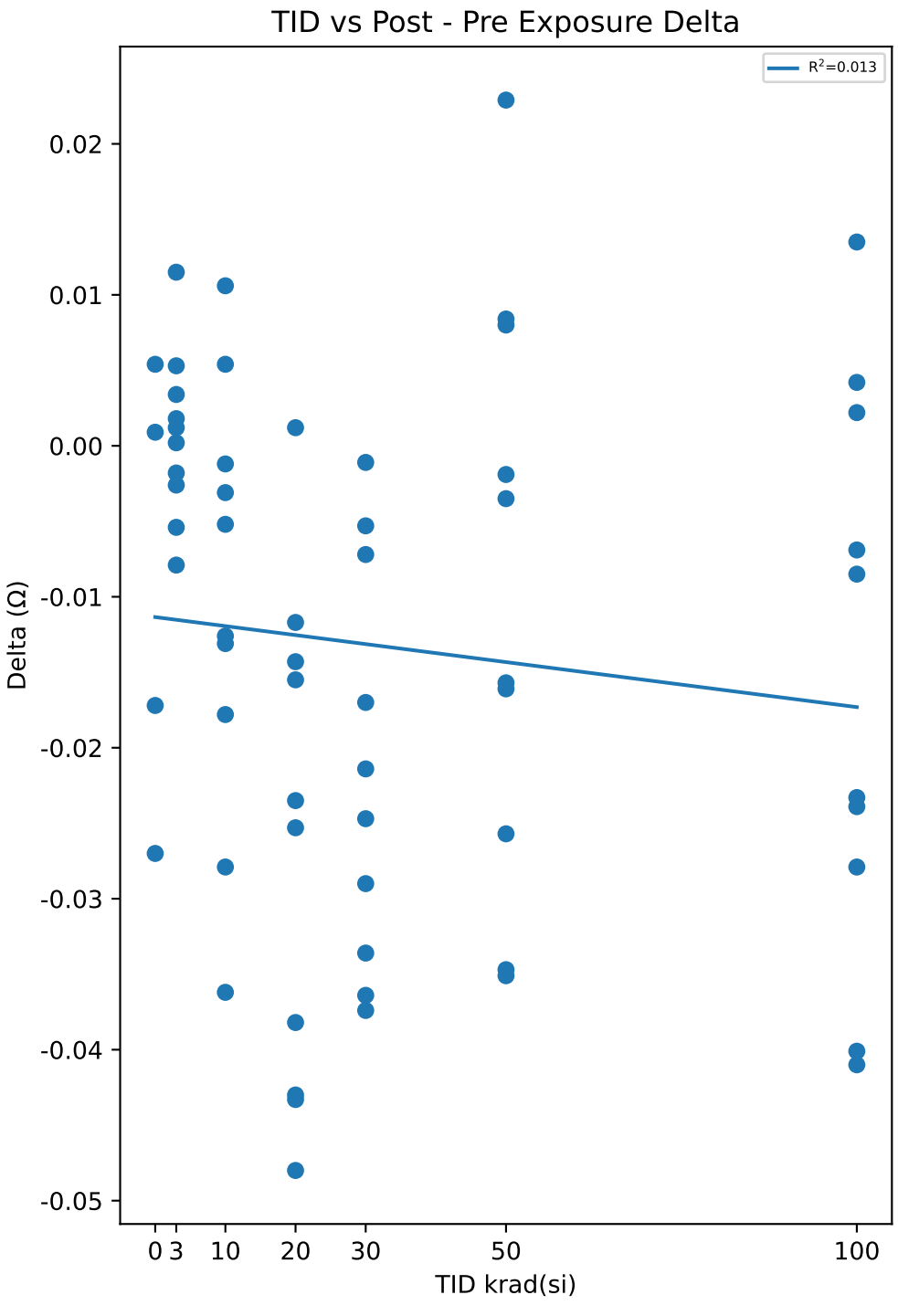
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.5632	2.5707	0.0075
2	3	LDR BIAS	2.5893	2.6049	0.0156
3	3	LDR BIAS	2.6078	2.6083	0.0005
4	3	LDR BIAS	2.6011	2.6096	0.0085
5	3	LDR BIAS	2.6052	2.6107	0.0055
6	3	LDR UNBIAS	2.5935	2.5988	0.0053
7	3	LDR UNBIAS	2.5933	2.602	0.0087
8	3	LDR UNBIAS	2.5685	2.5764	0.0079
9	3	LDR UNBIAS	2.6052	2.6055	0.0003
10	3	LDR UNBIAS	2.5776	2.5764	-0.0012
11	0	CORRELATION	2.5854	2.5665	-0.0189
12	0	CORRELATION	2.5881	2.5619	-0.0262
13	0	CORRELATION	2.5835	2.5771	-0.0064
14	0	CORRELATION	2.6021	2.5859	-0.0162
21	10	LDR BIAS	2.5632	2.5774	0.0142
22	10	LDR BIAS	2.5893	2.6023	0.013
23	10	LDR BIAS	2.6078	2.6192	0.0114
24	10	LDR BIAS	2.6011	2.6128	0.0117
25	10	LDR BIAS	2.6052	2.6211	0.0159
26	10	LDR UNBIAS	2.5935	2.6048	0.0113
27	10	LDR UNBIAS	2.5933	2.5922	-0.0011
28	10	LDR UNBIAS	2.5685	2.5743	0.0058
29	10	LDR UNBIAS	2.6052	2.6121	0.0069
30	10	LDR UNBIAS	2.5776	2.5889	0.0113
31	20	LDR BIAS	2.5632	2.5696	0.0064
32	20	LDR BIAS	2.5893	2.588	-0.0013
33	20	LDR BIAS	2.6078	2.6173	0.0095
34	20	LDR BIAS	2.6011	2.593	-0.0081
35	20	LDR BIAS	2.6052	2.6084	0.0032
36	20	LDR UNBIAS	2.5935	2.5915	-0.002
37	20	LDR UNBIAS	2.5933	2.5833	-0.01
38	20	LDR UNBIAS	2.5685	2.56	-0.0085
39	20	LDR UNBIAS	2.6052	2.603	-0.0022
40	20	LDR UNBIAS	2.5776	2.5745	-0.0031
41	30	LDR BIAS	2.5632	2.5666	0.0034
42	30	LDR BIAS	2.5893	2.5848	-0.0045
43	30	LDR BIAS	2.6078	2.6258	0.018
44	30	LDR BIAS	2.6011	2.6045	0.0034
45	30	LDR BIAS	2.6052	2.6074	0.0022
46	30	LDR UNBIAS	2.5935	2.5943	0.0008
47	30	LDR UNBIAS	2.5933	2.5946	0.0013
48	30	LDR UNBIAS	2.5685	2.5724	0.0039
49	30	LDR UNBIAS	2.6052	2.6019	-0.0033
50	30	LDR UNBIAS	2.5776	2.5802	0.0026
51	50	LDR BIAS	2.5632	2.5861	0.0229
52	50	LDR BIAS	2.5893	2.6065	0.0172
53	50	LDR BIAS	2.6078	2.6354	0.0276
54	50	LDR BIAS	2.6011	2.6237	0.0226
55	50	LDR BIAS	2.6052	2.6285	0.0233
56	50	LDR UNBIAS	2.5935	2.6175	0.024
57	50	LDR UNBIAS	2.5933	2.6073	0.014
58	50	LDR UNBIAS	2.5685	2.5879	0.0194
59	50	LDR UNBIAS	2.6052	2.6275	0.0223
60	50	LDR UNBIAS	2.5776	2.6026	0.025
61	100	LDR BIAS	2.5632	2.6078	0.0446
62	100	LDR BIAS	2.5893	2.6359	0.0466
63	100	LDR BIAS	2.6078	2.6616	0.0538
64	100	LDR BIAS	2.6011	2.6414	0.0403
65	100	LDR BIAS	2.6052	2.6513	0.0461
66	100	LDR UNBIAS	2.5935	2.6409	0.0474
67	100	LDR UNBIAS	2.5933	2.6269	0.0336
68	100	LDR UNBIAS	2.5685	2.6073	0.0388
69	100	LDR UNBIAS	2.6052	2.6482	0.043
70	100	LDR UNBIAS	2.5776	2.6449	0.0673

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.5835	2.5898	2.6021	0.0084306	2.5619	2.5728	2.5859	0.010779	-0.0262	-0.016925	-0.0064	0.00819
3	2.5632	2.5905	2.6078	0.015839	2.5707	2.5963	2.6107	0.015538	-0.0012	0.00586	0.0156	0.0050187
10	2.5632	2.5905	2.6078	0.015839	2.5743	2.6005	2.6211	0.016684	-0.0011	0.01004	0.0159	0.0049455
20	2.5632	2.5905	2.6078	0.015839	2.56	2.5889	2.6173	0.017815	-0.01	-0.00161	0.0095	0.0064423
30	2.5632	2.5905	2.6078	0.015839	2.5666	2.5933	2.6258	0.017797	-0.0045	0.00278	0.018	0.0060564
50	2.5632	2.5905	2.6078	0.015839	2.5861	2.6123	2.6354	0.017057	0.014	0.02183	0.0276	0.0039556
100	2.5632	2.5905	2.6078	0.015839	2.6073	2.6366	2.6616	0.017853	0.0336	0.04615	0.0673	0.0092237

Device Test: 23.8 LEVEL|LS_RDSON/OUTL/5/5/100/0/5/500kHz//@ROL





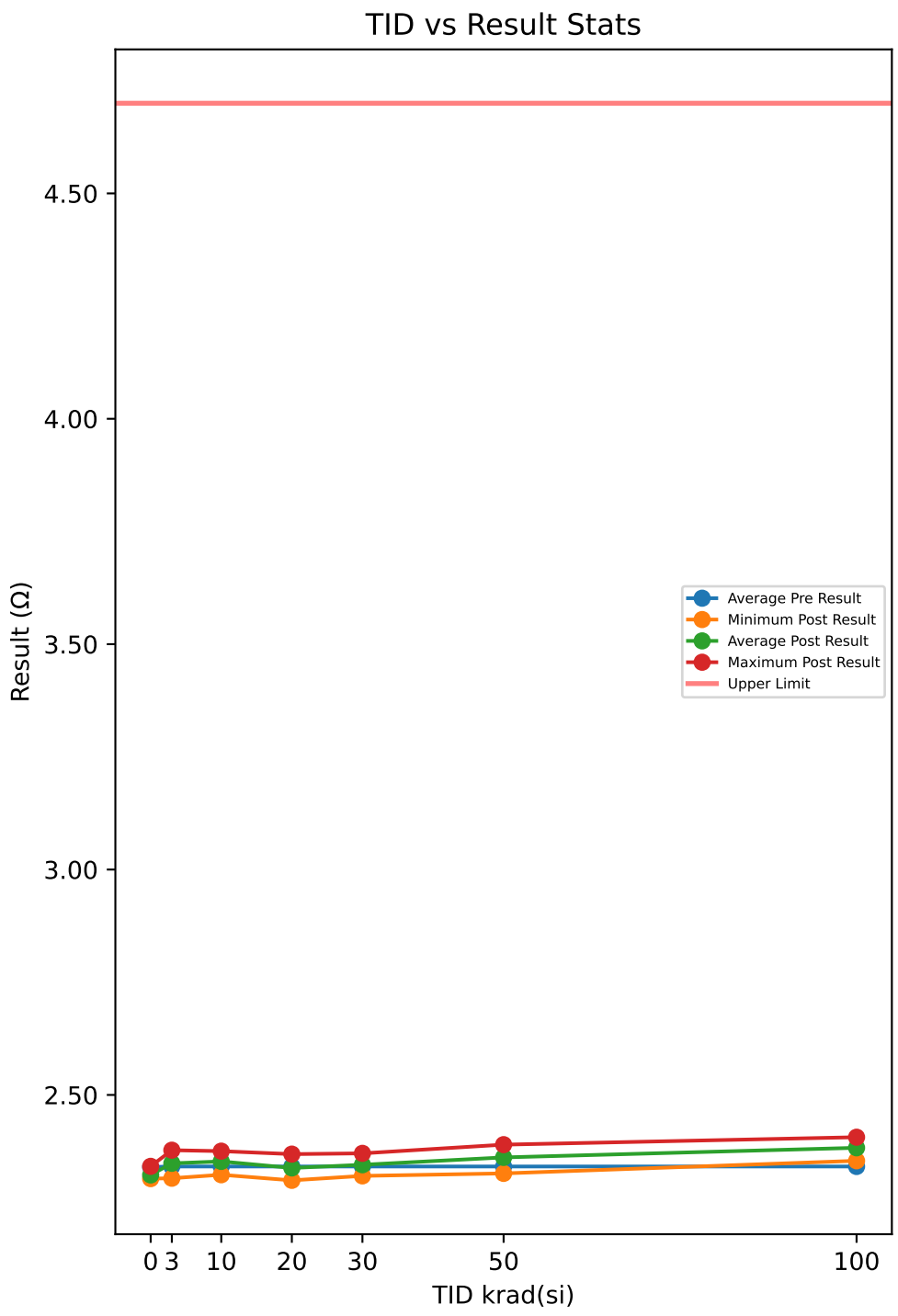
Test Results (Upper Limit = 2.8 (Ω))

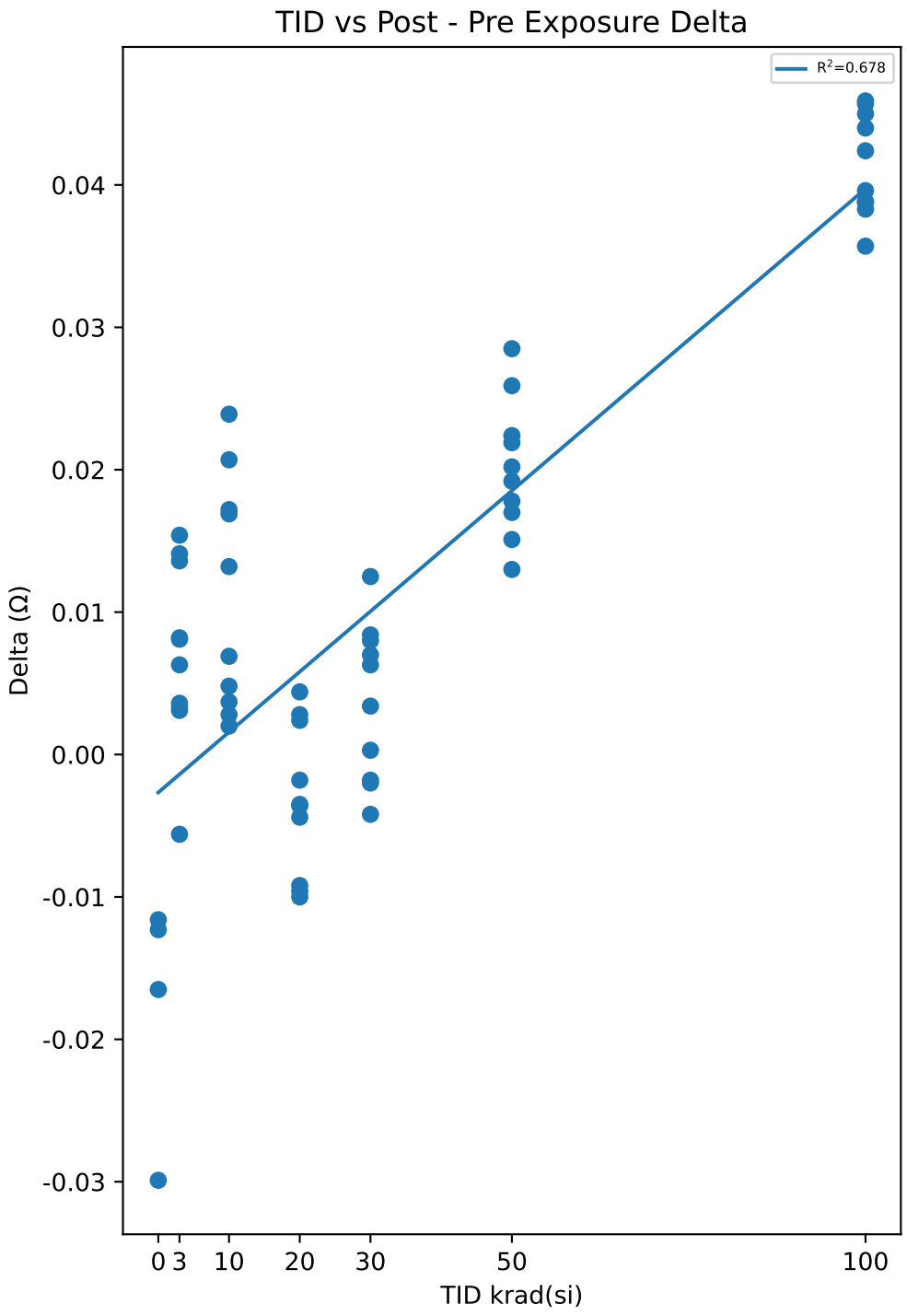
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.6029	1.6047	0.0018
2	3	LDR BIAS	1.5934	1.5855	-0.0079
3	3	LDR BIAS	1.5974	1.6008	0.0034
4	3	LDR BIAS	1.5847	1.5829	-0.0018
5	3	LDR BIAS	1.6075	1.6021	-0.0054
6	3	LDR UNBIAS	1.5827	1.5839	0.0012
7	3	LDR UNBIAS	1.6052	1.6026	-0.0026
8	3	LDR UNBIAS	1.5946	1.5999	0.0053
9	3	LDR UNBIAS	1.6072	1.6074	0.0002
10	3	LDR UNBIAS	1.5856	1.5971	0.0115
11	0	CORRELATION	1.6027	1.6036	0.0009
12	0	CORRELATION	1.6035	1.5863	-0.0172
13	0	CORRELATION	1.626	1.599	-0.027
14	0	CORRELATION	1.5801	1.5855	0.0054
21	10	LDR BIAS	1.6029	1.5898	-0.0131
22	10	LDR BIAS	1.5934	1.5882	-0.0052
23	10	LDR BIAS	1.5974	1.5943	-0.0031
24	10	LDR BIAS	1.5847	1.5669	-0.0178
25	10	LDR BIAS	1.6075	1.5713	-0.0362
26	10	LDR UNBIAS	1.5827	1.5881	0.0054
27	10	LDR UNBIAS	1.6052	1.604	-0.0012
28	10	LDR UNBIAS	1.5946	1.582	-0.0126
29	10	LDR UNBIAS	1.6072	1.5793	-0.0279
30	10	LDR UNBIAS	1.5856	1.5962	0.0106
31	20	LDR BIAS	1.6029	1.5599	-0.043
32	20	LDR BIAS	1.5934	1.5454	-0.048
33	20	LDR BIAS	1.5974	1.5986	0.0012
34	20	LDR BIAS	1.5847	1.5465	-0.0382
35	20	LDR BIAS	1.6075	1.5642	-0.0433
36	20	LDR UNBIAS	1.5827	1.571	-0.0117
37	20	LDR UNBIAS	1.6052	1.5817	-0.0235
38	20	LDR UNBIAS	1.5946	1.5803	-0.0143
39	20	LDR UNBIAS	1.6072	1.5819	-0.0253
40	20	LDR UNBIAS	1.5856	1.5701	-0.0155
41	30	LDR BIAS	1.6029	1.5693	-0.0336
42	30	LDR BIAS	1.5934	1.5644	-0.029
43	30	LDR BIAS	1.5974	1.5963	-0.0011
44	30	LDR BIAS	1.5847	1.5483	-0.0364
45	30	LDR BIAS	1.6075	1.5701	-0.0374
46	30	LDR UNBIAS	1.5827	1.5774	-0.0053
47	30	LDR UNBIAS	1.6052	1.5838	-0.0214
48	30	LDR UNBIAS	1.5946	1.5776	-0.017
49	30	LDR UNBIAS	1.6072	1.5825	-0.0247
50	30	LDR UNBIAS	1.5856	1.5784	-0.0072
51	50	LDR BIAS	1.6029	1.5682	-0.0347
52	50	LDR BIAS	1.5934	1.5777	-0.0157
53	50	LDR BIAS	1.5974	1.6203	0.0229
54	50	LDR BIAS	1.5847	1.559	-0.0257
55	50	LDR BIAS	1.6075	1.5724	-0.0351
56	50	LDR UNBIAS	1.5827	1.5911	0.0084
57	50	LDR UNBIAS	1.6052	1.6033	-0.0019
58	50	LDR UNBIAS	1.5946	1.5911	-0.0035
59	50	LDR UNBIAS	1.6072	1.5911	-0.0161
60	50	LDR UNBIAS	1.5856	1.5936	0.008
61	100	LDR BIAS	1.6029	1.5628	-0.0401
62	100	LDR BIAS	1.5934	1.5701	-0.0233
63	100	LDR BIAS	1.5974	1.6109	0.0135
64	100	LDR BIAS	1.5847	1.5568	-0.0279
65	100	LDR BIAS	1.6075	1.5665	-0.041
66	100	LDR UNBIAS	1.5827	1.5869	0.0042
67	100	LDR UNBIAS	1.6052	1.5967	-0.0085
68	100	LDR UNBIAS	1.5946	1.5877	-0.0069
69	100	LDR UNBIAS	1.6072	1.5833	-0.0239
70	100	LDR UNBIAS	1.5856	1.5878	0.0022

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.5801	1.6031	1.626	0.018741	1.5855	1.5936	1.6036	0.0090932	-0.027	-0.009475	0.0054	0.015228
3	1.5827	1.5961	1.6075	0.0095056	1.5829	1.5967	1.6074	0.009125	-0.0079	0.00057	0.0115	0.0055271
10	1.5827	1.5961	1.6075	0.0095056	1.5669	1.586	1.604	0.011365	-0.0362	-0.01011	0.0106	0.014505
20	1.5827	1.5961	1.6075	0.0095056	1.5454	1.57	1.5986	0.016655	-0.048	-0.02616	0.0012	0.016395
30	1.5827	1.5961	1.6075	0.0095056	1.5483	1.5748	1.5963	0.012879	-0.0374	-0.02131	-0.0011	0.013295
50	1.5827	1.5961	1.6075	0.0095056	1.559	1.5868	1.6203	0.017967	-0.0351	-0.00934	0.0229	0.01945
100	1.5827	1.5961	1.6075	0.0095056	1.5568	1.581	1.6109	0.016725	-0.041	-0.01517	0.0135	0.01887

Device Test: 23.9 LEVEL|HS_RDSON/OUTH/12/12/100/0/5/500kHz//@ROH





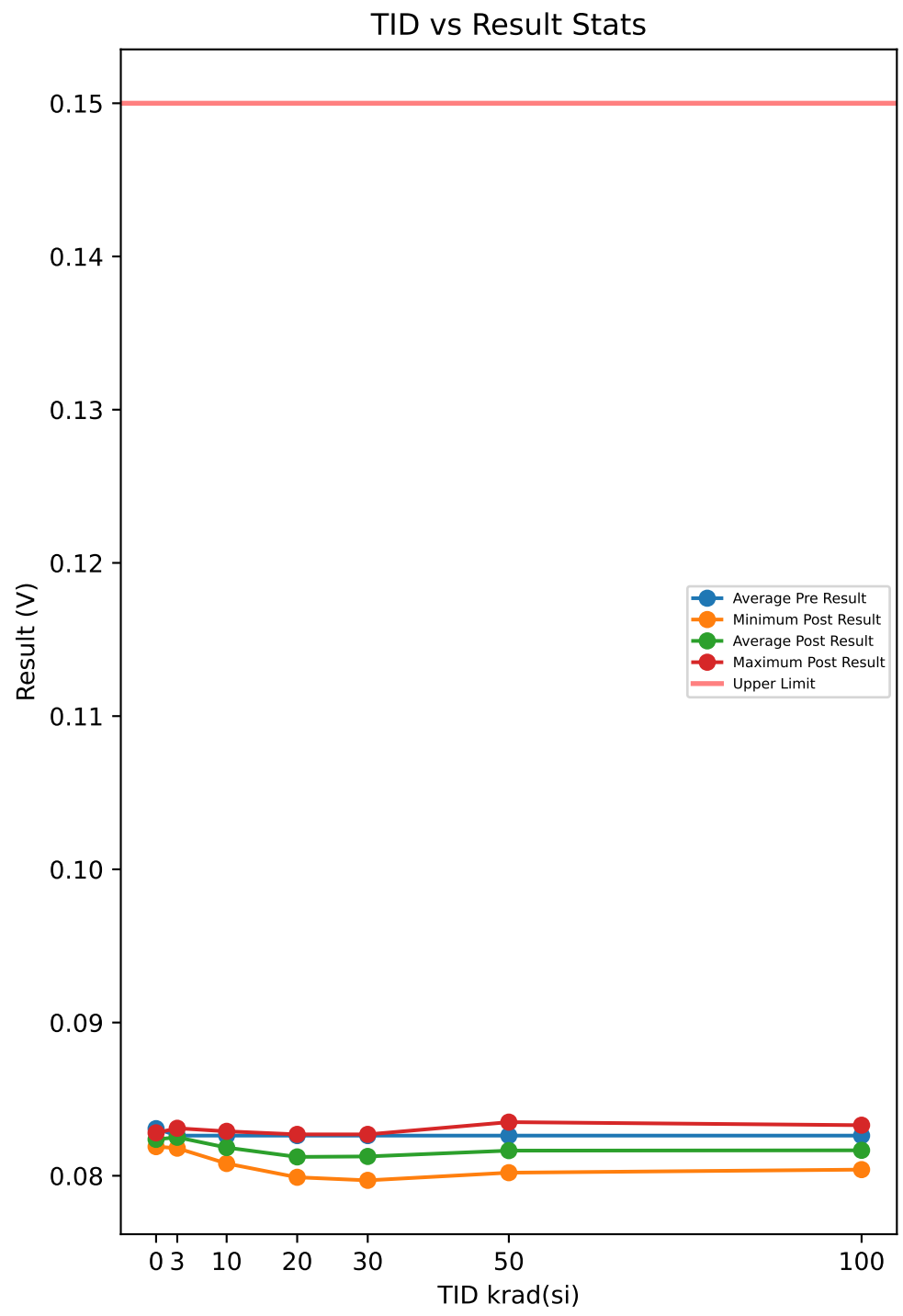
Test Results (Upper Limit = 4.7 (Ω))

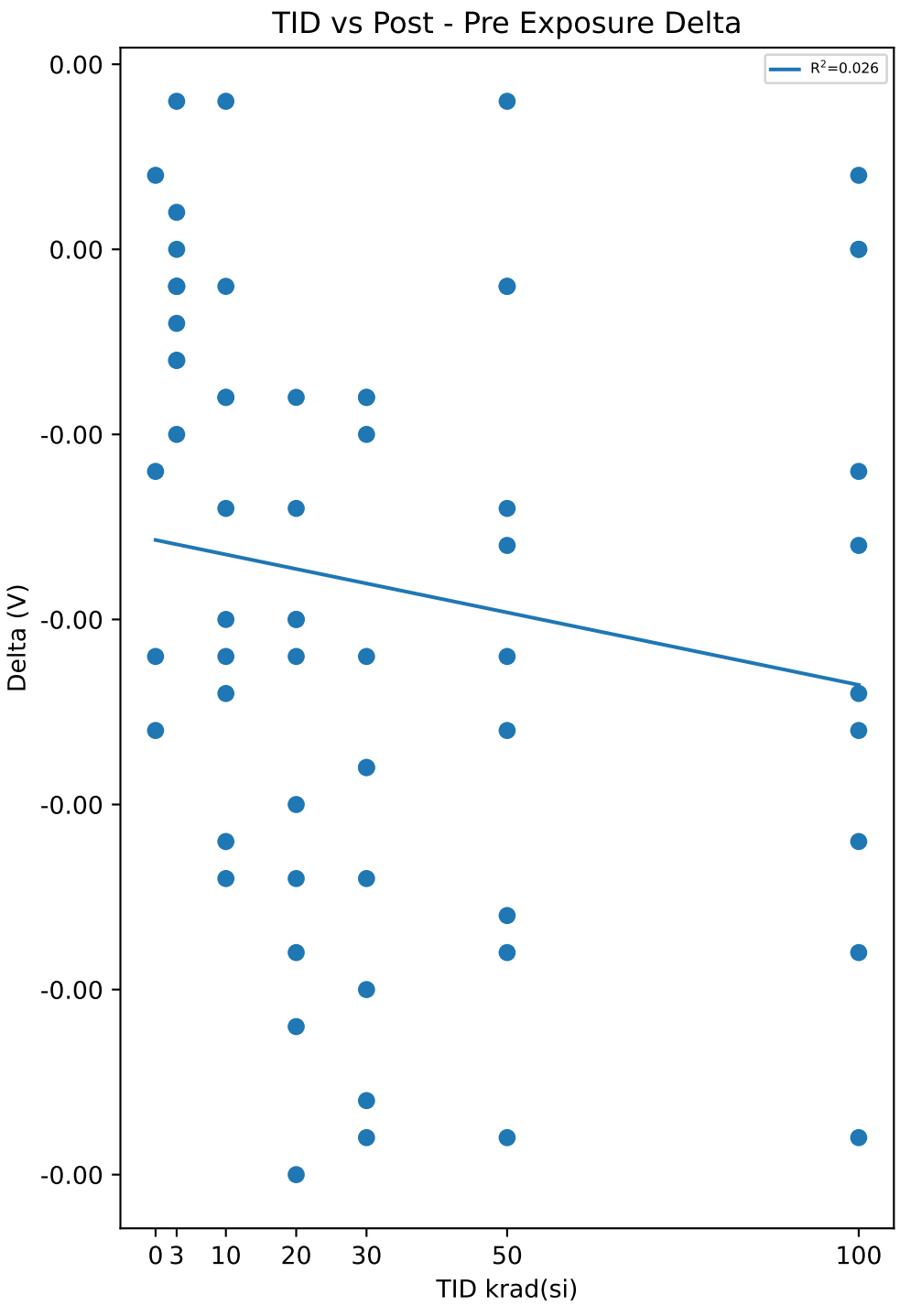
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2.3089	2.3152	0.0063
2	3	LDR BIAS	2.3327	2.3363	0.0036
3	3	LDR BIAS	2.3419	2.3555	0.0136
4	3	LDR BIAS	2.362	2.3774	0.0154
5	3	LDR BIAS	2.3487	2.3569	0.0082
6	3	LDR UNBIAS	2.3339	2.3372	0.0033
7	3	LDR UNBIAS	2.3568	2.3709	0.0141
8	3	LDR UNBIAS	2.3201	2.3282	0.0081
9	3	LDR UNBIAS	2.3705	2.3736	0.0031
10	3	LDR UNBIAS	2.3372	2.3316	-0.0056
11	0	CORRELATION	2.3317	2.3152	-0.0165
12	0	CORRELATION	2.3442	2.3143	-0.0299
13	0	CORRELATION	2.331	2.3187	-0.0123
14	0	CORRELATION	2.3532	2.3416	-0.0116
21	10	LDR BIAS	2.3089	2.3261	0.0172
22	10	LDR BIAS	2.3327	2.3566	0.0239
23	10	LDR BIAS	2.3419	2.3456	0.0037
24	10	LDR BIAS	2.362	2.3752	0.0132
25	10	LDR BIAS	2.3487	2.3694	0.0207
26	10	LDR UNBIAS	2.3339	2.3408	0.0069
27	10	LDR UNBIAS	2.3568	2.3588	0.002
28	10	LDR UNBIAS	2.3201	2.3229	0.0028
29	10	LDR UNBIAS	2.3705	2.3753	0.0048
30	10	LDR UNBIAS	2.3372	2.3541	0.0169
31	20	LDR BIAS	2.3089	2.3133	0.0044
32	20	LDR BIAS	2.3327	2.3292	-0.0035
33	20	LDR BIAS	2.3419	2.3447	0.0028
34	20	LDR BIAS	2.362	2.3528	-0.0092
35	20	LDR BIAS	2.3487	2.3511	0.0024
36	20	LDR UNBIAS	2.3339	2.3239	-0.01
37	20	LDR UNBIAS	2.3568	2.3532	-0.0036
38	20	LDR UNBIAS	2.3201	2.3105	-0.0096
39	20	LDR UNBIAS	2.3705	2.3687	-0.0018
40	20	LDR UNBIAS	2.3372	2.3328	-0.0044
41	30	LDR BIAS	2.3089	2.3214	0.0125
42	30	LDR BIAS	2.3327	2.339	0.0063
43	30	LDR BIAS	2.3419	2.3499	0.008
44	30	LDR BIAS	2.362	2.3704	0.0084
45	30	LDR BIAS	2.3487	2.3521	0.0034
46	30	LDR UNBIAS	2.3339	2.3321	-0.0018
47	30	LDR UNBIAS	2.3568	2.3638	0.007
48	30	LDR UNBIAS	2.3201	2.3204	0.0003
49	30	LDR UNBIAS	2.3705	2.3685	-0.002
50	30	LDR UNBIAS	2.3372	2.333	-0.0042
51	50	LDR BIAS	2.3089	2.3259	0.017
52	50	LDR BIAS	2.3327	2.3551	0.0224
53	50	LDR BIAS	2.3419	2.3638	0.0219
54	50	LDR BIAS	2.362	2.3879	0.0259
55	50	LDR BIAS	2.3487	2.3772	0.0285
56	50	LDR UNBIAS	2.3339	2.3541	0.0202
57	50	LDR UNBIAS	2.3568	2.3746	0.0178
58	50	LDR UNBIAS	2.3201	2.3331	0.013
59	50	LDR UNBIAS	2.3705	2.3897	0.0192
60	50	LDR UNBIAS	2.3372	2.3523	0.0151
61	100	LDR BIAS	2.3089	2.3539	0.045
62	100	LDR BIAS	2.3327	2.3786	0.0459
63	100	LDR BIAS	2.3419	2.3876	0.0457
64	100	LDR BIAS	2.362	2.4008	0.0388
65	100	LDR BIAS	2.3487	2.3927	0.044
66	100	LDR UNBIAS	2.3339	2.3735	0.0396
67	100	LDR UNBIAS	2.3568	2.3956	0.0388
68	100	LDR UNBIAS	2.3201	2.3584	0.0383
69	100	LDR UNBIAS	2.3705	2.4062	0.0357
70	100	LDR UNBIAS	2.3372	2.3796	0.0424

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.331	2.34	2.3532	0.010673	2.3143	2.3224	2.3416	0.012907	-0.0299	-0.017575	-0.0116	0.0084968
3	2.3089	2.3413	2.3705	0.018919	2.3152	2.3483	2.3774	0.021523	-0.0056	0.00701	0.0154	0.0063848
10	2.3089	2.3413	2.3705	0.018919	2.3229	2.3525	2.3753	0.018671	0.002	0.01121	0.0239	0.0081304
20	2.3089	2.3413	2.3705	0.018919	2.3105	2.338	2.3687	0.019087	-0.01	-0.00325	0.0044	0.0052909
30	2.3089	2.3413	2.3705	0.018919	2.3204	2.3451	2.3704	0.01866	-0.0042	0.00379	0.0125	0.0055014
50	2.3089	2.3413	2.3705	0.018919	2.3259	2.3614	2.3897	0.021524	0.013	0.0201	0.0285	0.0047593
100	2.3089	2.3413	2.3705	0.018919	2.3539	2.3827	2.4062	0.017325	0.0357	0.04142	0.0459	0.0036258

Device Test: 24.1 LEVEL|LOW_LEVEL/OUTL/4.5/4.5/0/0/4.5/500kHz//@OUT_VOL





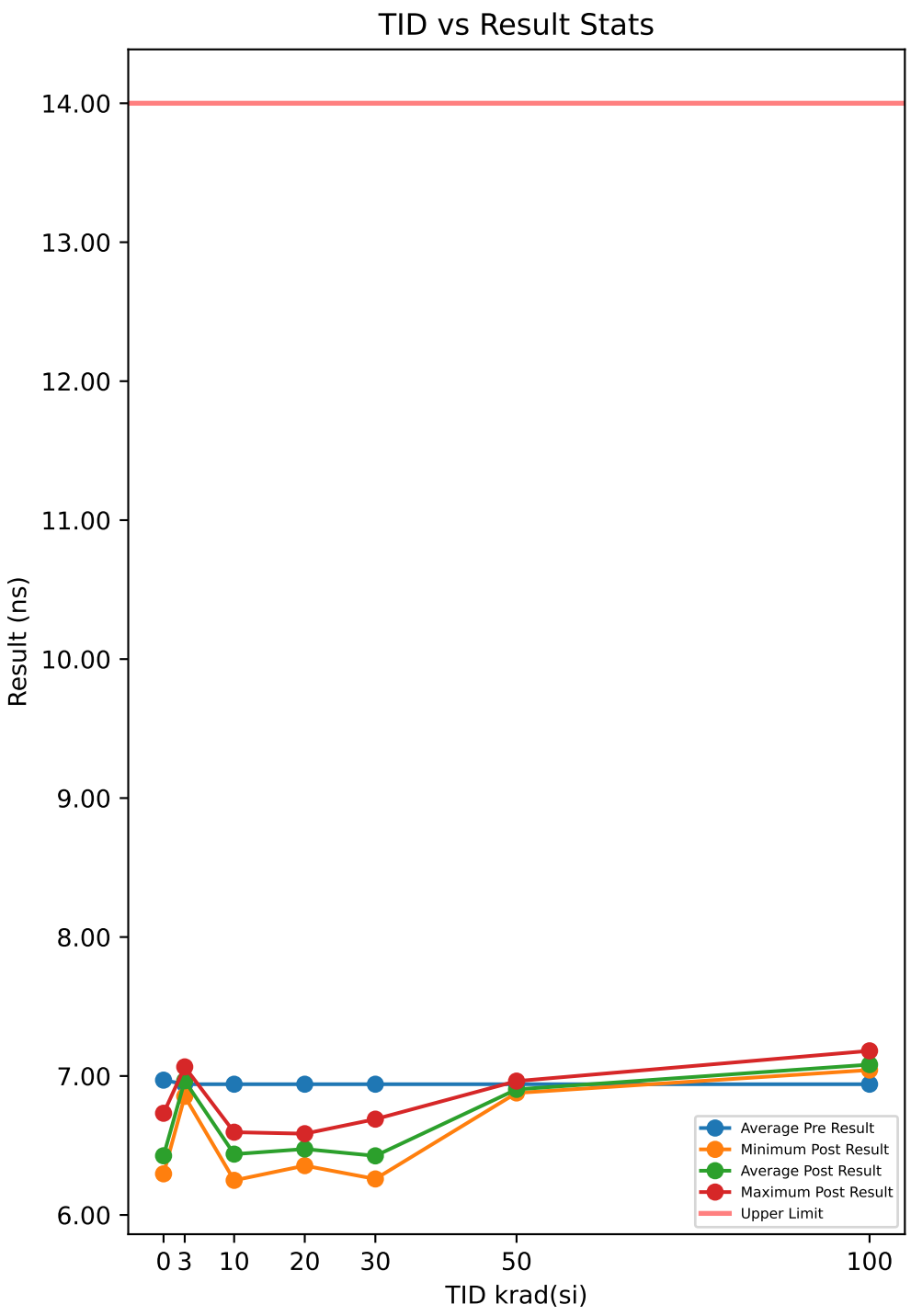
Test Results (Upper Limit = 0.15 (V))

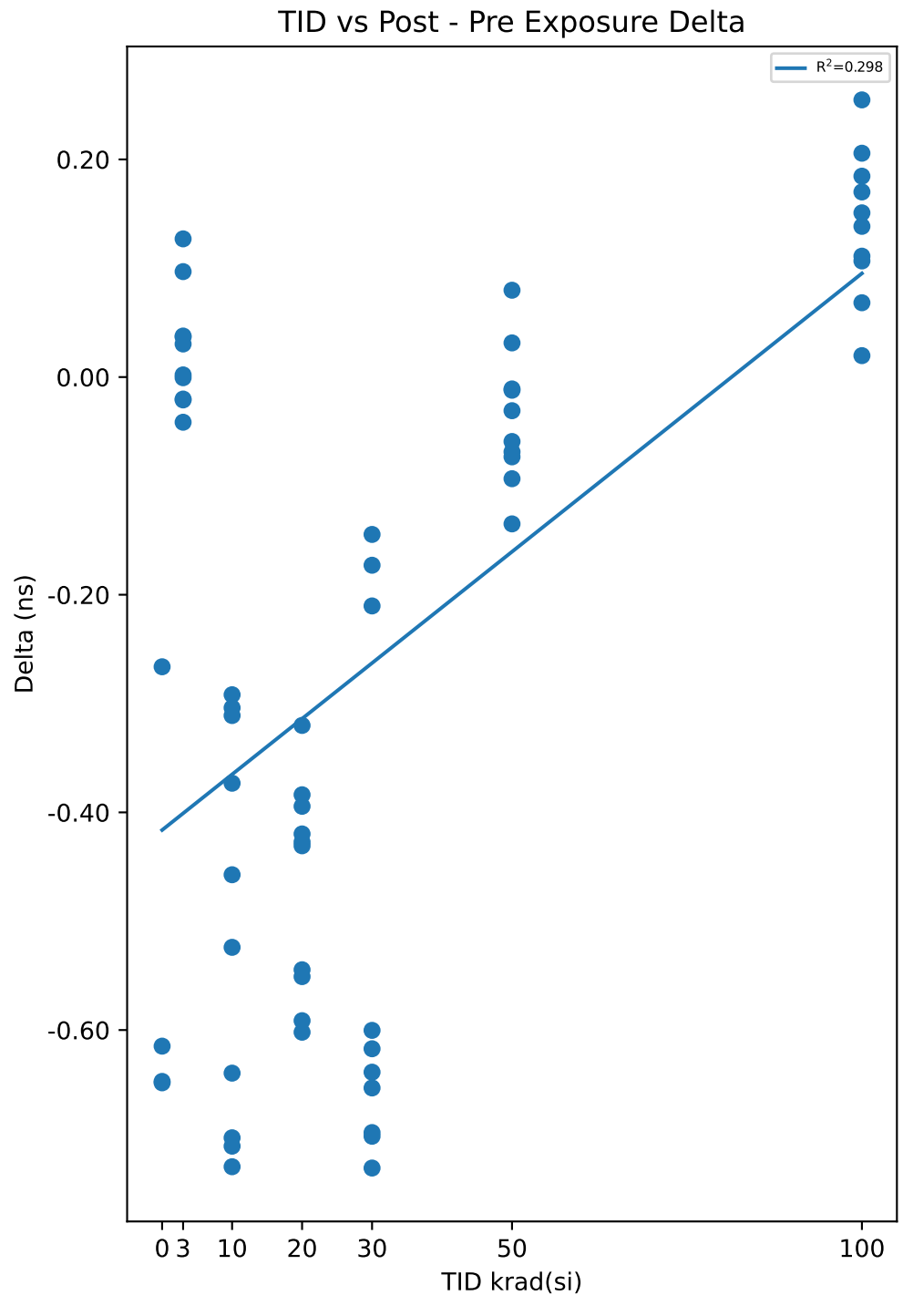
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.083	0.0827	-0.0003
2	3	LDR BIAS	0.0825	0.082	-0.0005
3	3	LDR BIAS	0.0831	0.0831	0
4	3	LDR BIAS	0.082	0.0819	-0.0001
5	3	LDR BIAS	0.0828	0.0827	-0.0001
6	3	LDR UNBIAS	0.0819	0.0818	-0.0001
7	3	LDR UNBIAS	0.0833	0.0831	-0.0002
8	3	LDR UNBIAS	0.0827	0.0828	0.0001
9	3	LDR UNBIAS	0.0829	0.0826	-0.0003
10	3	LDR UNBIAS	0.082	0.0824	0.0004
11	0	CORRELATION	0.0833	0.0827	-0.0006
12	0	CORRELATION	0.0832	0.0821	-0.0011
13	0	CORRELATION	0.0841	0.0828	-0.0013
14	0	CORRELATION	0.0817	0.0819	0.0002
21	10	LDR BIAS	0.083	0.082	-0.001
22	10	LDR BIAS	0.0825	0.0821	-0.0004
23	10	LDR BIAS	0.0831	0.0824	-0.0007
24	10	LDR BIAS	0.082	0.0808	-0.0012
25	10	LDR BIAS	0.0828	0.0811	-0.0017
26	10	LDR UNBIAS	0.0819	0.0818	-0.0001
27	10	LDR UNBIAS	0.0833	0.0829	-0.0004
28	10	LDR UNBIAS	0.0827	0.0816	-0.0011
29	10	LDR UNBIAS	0.0829	0.0813	-0.0016
30	10	LDR UNBIAS	0.082	0.0824	0.0004
31	20	LDR BIAS	0.083	0.0811	-0.0019
32	20	LDR BIAS	0.0825	0.08	-0.0025
33	20	LDR BIAS	0.0831	0.0827	-0.0004
34	20	LDR BIAS	0.082	0.0799	-0.0021
35	20	LDR BIAS	0.0828	0.0811	-0.0017
36	20	LDR UNBIAS	0.0819	0.0812	-0.0007
37	20	LDR UNBIAS	0.0833	0.0818	-0.0015
38	20	LDR UNBIAS	0.0827	0.0817	-0.001
39	20	LDR UNBIAS	0.0829	0.0818	-0.0011
40	20	LDR UNBIAS	0.082	0.081	-0.001
41	30	LDR BIAS	0.083	0.0806	-0.0024
42	30	LDR BIAS	0.0825	0.0808	-0.0017
43	30	LDR BIAS	0.0831	0.0827	-0.0004
44	30	LDR BIAS	0.082	0.0797	-0.0023
45	30	LDR BIAS	0.0828	0.0808	-0.002
46	30	LDR UNBIAS	0.0819	0.0814	-0.0005
47	30	LDR UNBIAS	0.0833	0.0819	-0.0014
48	30	LDR UNBIAS	0.0827	0.0816	-0.0011
49	30	LDR UNBIAS	0.0829	0.0815	-0.0014
50	30	LDR UNBIAS	0.082	0.0816	-0.0004
51	50	LDR BIAS	0.083	0.0806	-0.0024
52	50	LDR BIAS	0.0825	0.0812	-0.0013
53	50	LDR BIAS	0.0831	0.0835	0.0004
54	50	LDR BIAS	0.082	0.0802	-0.0018
55	50	LDR BIAS	0.0828	0.0809	-0.0019
56	50	LDR UNBIAS	0.0819	0.0818	-0.0001
57	50	LDR UNBIAS	0.0833	0.0825	-0.0008
58	50	LDR UNBIAS	0.0827	0.082	-0.0007
59	50	LDR UNBIAS	0.0829	0.0818	-0.0011
60	50	LDR UNBIAS	0.082	0.0819	-0.0001
61	100	LDR BIAS	0.083	0.0806	-0.0024
62	100	LDR BIAS	0.0825	0.0812	-0.0013
63	100	LDR BIAS	0.0831	0.0833	0.0002
64	100	LDR BIAS	0.082	0.0804	-0.0016
65	100	LDR BIAS	0.0828	0.0809	-0.0019
66	100	LDR UNBIAS	0.0819	0.0819	0
67	100	LDR UNBIAS	0.0833	0.0825	-0.0008
68	100	LDR UNBIAS	0.0827	0.0821	-0.0006
69	100	LDR UNBIAS	0.0829	0.0817	-0.0012
70	100	LDR UNBIAS	0.082	0.082	0

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	0.0817	0.083075	0.0841	0.0010012	0.0819	0.082375	0.0828	0.00044253	-0.0013	-0.0007	0.0002	0.00066833
3	0.0819	0.08262	0.0833	0.00050067	0.0818	0.08251	0.0831	0.00047246	-0.0005	-0.00011	0.0004	0.00024698
10	0.0819	0.08262	0.0833	0.00050067	0.0808	0.08184	0.0829	0.00065184	-0.0017	-0.00078	0.0004	0.00066633
20	0.0819	0.08262	0.0833	0.00050067	0.0799	0.08123	0.0827	0.00084334	-0.0025	-0.00139	-0.0004	0.0006624
30	0.0819	0.08262	0.0833	0.00050067	0.0797	0.08126	0.0827	0.00082219	-0.0024	-0.00136	-0.0004	0.00075601
50	0.0819	0.08262	0.0833	0.00050067	0.0802	0.08164	0.0835	0.00096287	-0.0024	-0.00098	0.0004	0.00089542
100	0.0819	0.08262	0.0833	0.00050067	0.0804	0.08166	0.0833	0.00089839	-0.0024	-0.00096	0.0002	0.00087458

Device Test: 24.10 TIMING|OUT_FALL/OUTH/4.5/4.5/0/1000/4.5/500kHz//@OUT_FALL_4P5V





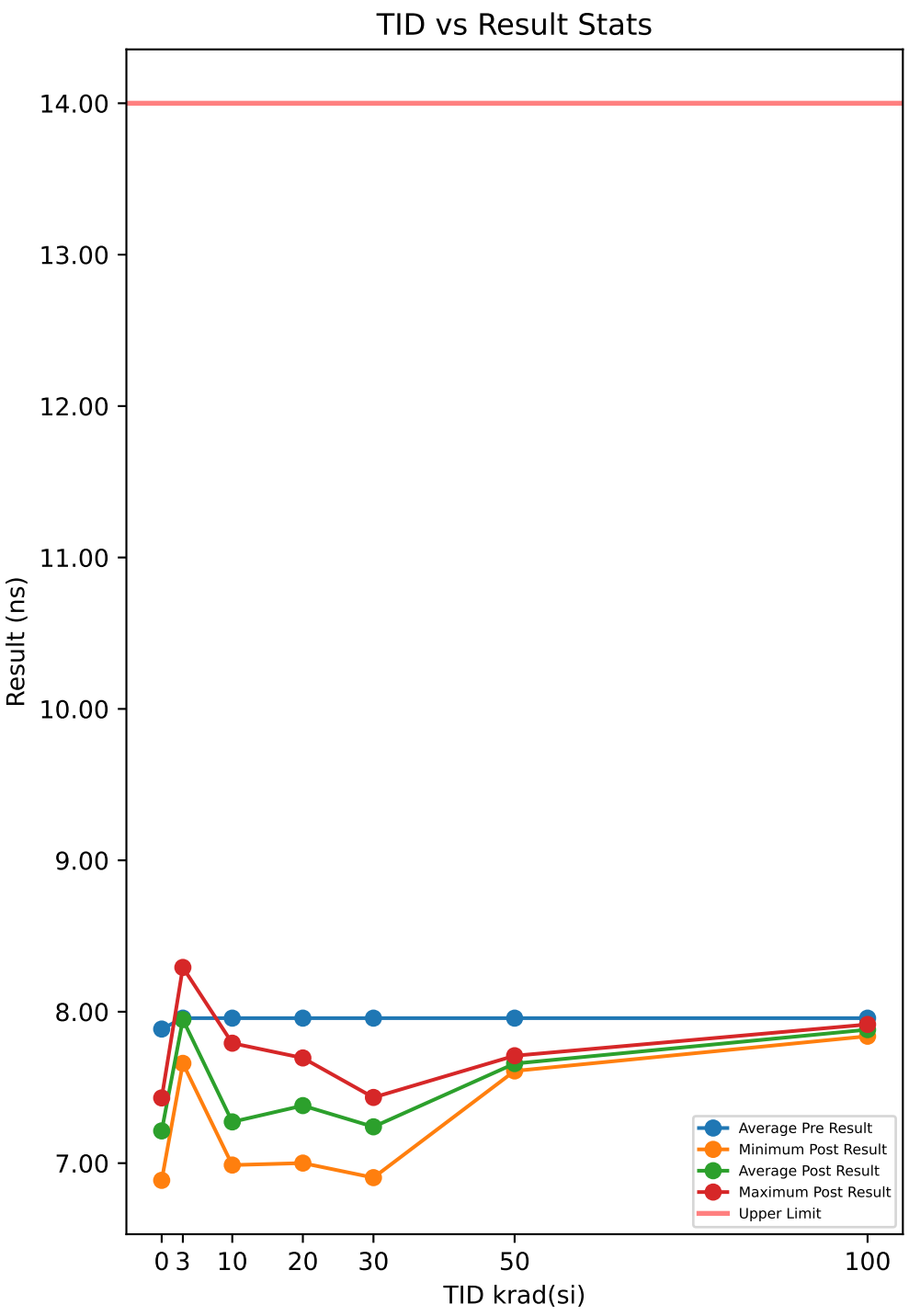
Test Results (Upper Limit = 14.0 (ns))

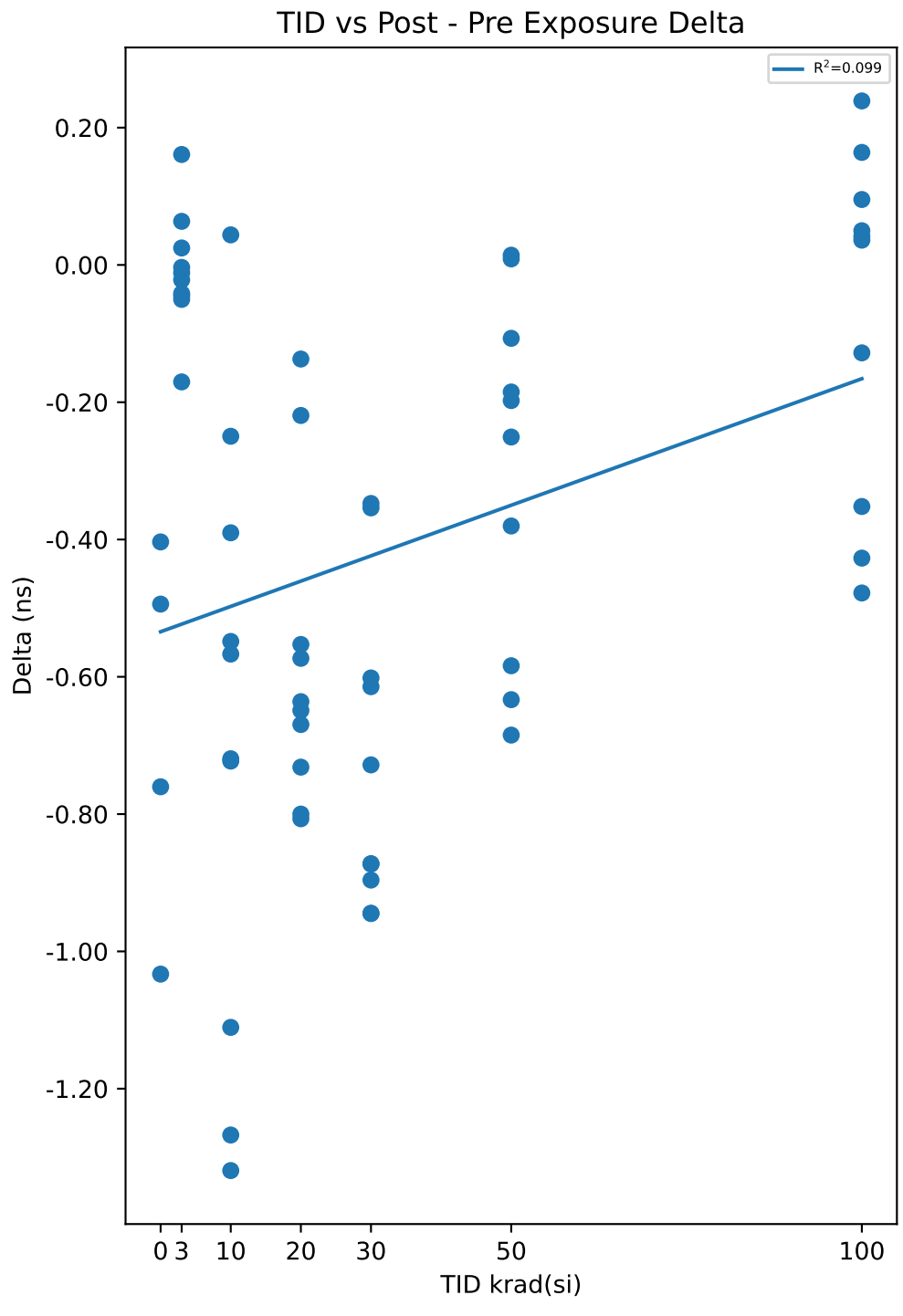
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.8159	6.8536	0.0377
2	3	LDR BIAS	6.9687	7.0656	0.0969
3	3	LDR BIAS	6.9754	6.9544	-0.021
4	3	LDR BIAS	6.9747	7.0051	0.0304
5	3	LDR BIAS	6.8978	7.0248	0.127
6	3	LDR UNBIAS	6.9513	6.9882	0.0369
7	3	LDR UNBIAS	6.9568	6.9588	0.002
8	3	LDR UNBIAS	7.0376	7.0174	-0.0202
9	3	LDR UNBIAS	6.8624	6.8618	-0.0006
10	3	LDR UNBIAS	6.9688	6.9273	-0.0415
11	0	CORRELATION	6.9981	6.7319	-0.2662
12	0	CORRELATION	7.0011	6.3526	-0.6485
13	0	CORRELATION	6.9108	6.296	-0.6148
14	0	CORRELATION	6.9706	6.3234	-0.6472
21	10	LDR BIAS	6.8159	6.5049	-0.311
22	10	LDR BIAS	6.9687	6.2697	-0.699
23	10	LDR BIAS	6.9754	6.5181	-0.4573
24	10	LDR BIAS	6.9747	6.2491	-0.7256
25	10	LDR BIAS	6.8978	6.5939	-0.3039
26	10	LDR UNBIAS	6.9513	6.3117	-0.6396
27	10	LDR UNBIAS	6.9568	6.4328	-0.524
28	10	LDR UNBIAS	7.0376	6.3309	-0.7067
29	10	LDR UNBIAS	6.8624	6.5705	-0.2919
30	10	LDR UNBIAS	6.9688	6.5956	-0.3732
31	20	LDR BIAS	6.8159	6.4958	-0.3201
32	20	LDR BIAS	6.9687	6.5849	-0.3838
33	20	LDR BIAS	6.9754	6.4245	-0.5509
34	20	LDR BIAS	6.9747	6.4301	-0.5446
35	20	LDR BIAS	6.8978	6.478	-0.4198
36	20	LDR UNBIAS	6.9513	6.5241	-0.4272
37	20	LDR UNBIAS	6.9568	6.3548	-0.602
38	20	LDR UNBIAS	7.0376	6.4462	-0.5914
39	20	LDR UNBIAS	6.8624	6.468	-0.3944
40	20	LDR UNBIAS	6.9688	6.5381	-0.4307
41	30	LDR BIAS	6.8159	6.6713	-0.1446
42	30	LDR BIAS	6.9687	6.3515	-0.6172
43	30	LDR BIAS	6.9754	6.3222	-0.6532
44	30	LDR BIAS	6.9747	6.2805	-0.6942
45	30	LDR BIAS	6.8978	6.6875	-0.2103
46	30	LDR UNBIAS	6.9513	6.351	-0.6003
47	30	LDR UNBIAS	6.9568	6.2592	-0.6976
48	30	LDR UNBIAS	7.0376	6.3108	-0.7268
49	30	LDR UNBIAS	6.8624	6.6895	-0.1729
50	30	LDR UNBIAS	6.9688	6.3301	-0.6387
51	50	LDR BIAS	6.8159	6.8957	0.0798
52	50	LDR BIAS	6.9687	6.9095	-0.0592
53	50	LDR BIAS	6.9754	6.9633	-0.0121
54	50	LDR BIAS	6.9747	6.8813	-0.0934
55	50	LDR BIAS	6.8978	6.8869	-0.0109
56	50	LDR UNBIAS	6.9513	6.878	-0.0733
57	50	LDR UNBIAS	6.9568	6.9259	-0.0309
58	50	LDR UNBIAS	7.0376	6.9027	-0.1349
59	50	LDR UNBIAS	6.8624	6.8938	0.0314
60	50	LDR UNBIAS	6.9688	6.9001	-0.0687
61	100	LDR BIAS	6.8159	7.0706	0.2547
62	100	LDR BIAS	6.9687	7.1072	0.1385
63	100	LDR BIAS	6.9754	7.1811	0.2057
64	100	LDR BIAS	6.9747	7.043	0.0683
65	100	LDR BIAS	6.8978	7.0679	0.1701
66	100	LDR UNBIAS	6.9513	7.0624	0.1111
67	100	LDR UNBIAS	6.9568	7.1077	0.1509
68	100	LDR UNBIAS	7.0376	7.0573	0.0197
69	100	LDR UNBIAS	6.8624	7.047	0.1846
70	100	LDR UNBIAS	6.9688	7.0755	0.1067

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9108	6.9702	7.0011	0.04188	6.296	6.426	6.7319	0.20526	-0.6485	-0.54417	-0.2662	0.18597
3	6.8159	6.9409	7.0376	0.064326	6.8536	6.9657	7.0656	0.069295	-0.0415	0.02476	0.127	0.053407
10	6.8159	6.9409	7.0376	0.064326	6.2491	6.4377	6.5956	0.13705	-0.7256	-0.50322	-0.2919	0.17906
20	6.8159	6.9409	7.0376	0.064326	6.3548	6.4745	6.5849	0.065661	-0.602	-0.46649	-0.3201	0.09756
30	6.8159	6.9409	7.0376	0.064326	6.2592	6.4254	6.6895	0.17994	-0.7268	-0.51558	-0.1446	0.23793
50	6.8159	6.9409	7.0376	0.064326	6.878	6.9037	6.9633	0.025164	-0.1349	-0.03722	0.0798	0.062574
100	6.8159	6.9409	7.0376	0.064326	7.043	7.082	7.1811	0.041133	0.0197	0.14103	0.2547	0.068342

Device Test: 24.11 TIMING|OUT_RISE/OUTH/5/5/0/1000/5/500kHz//@OUT_RISE_5V





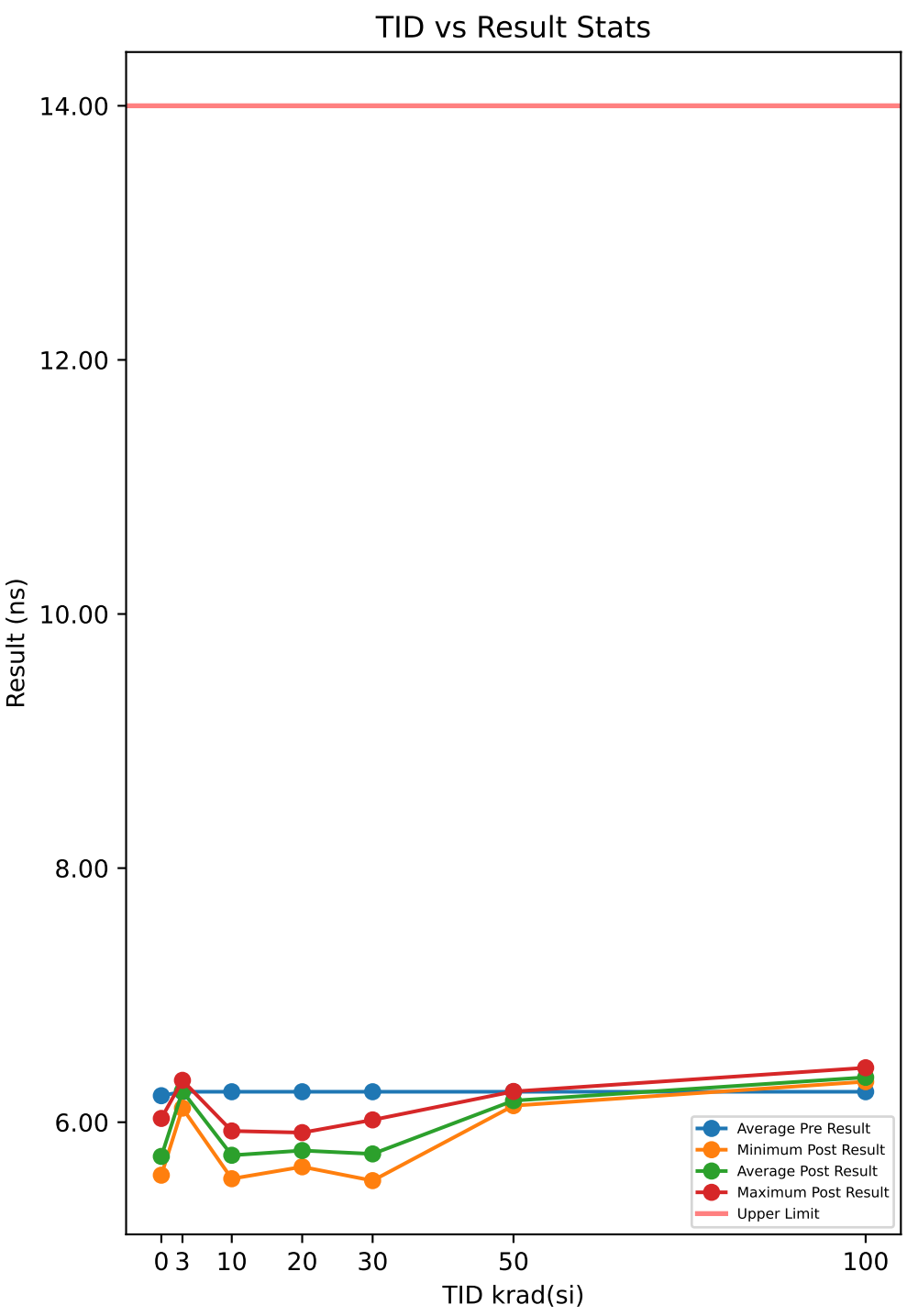
Test Results (Upper Limit = 14.0 (ns))

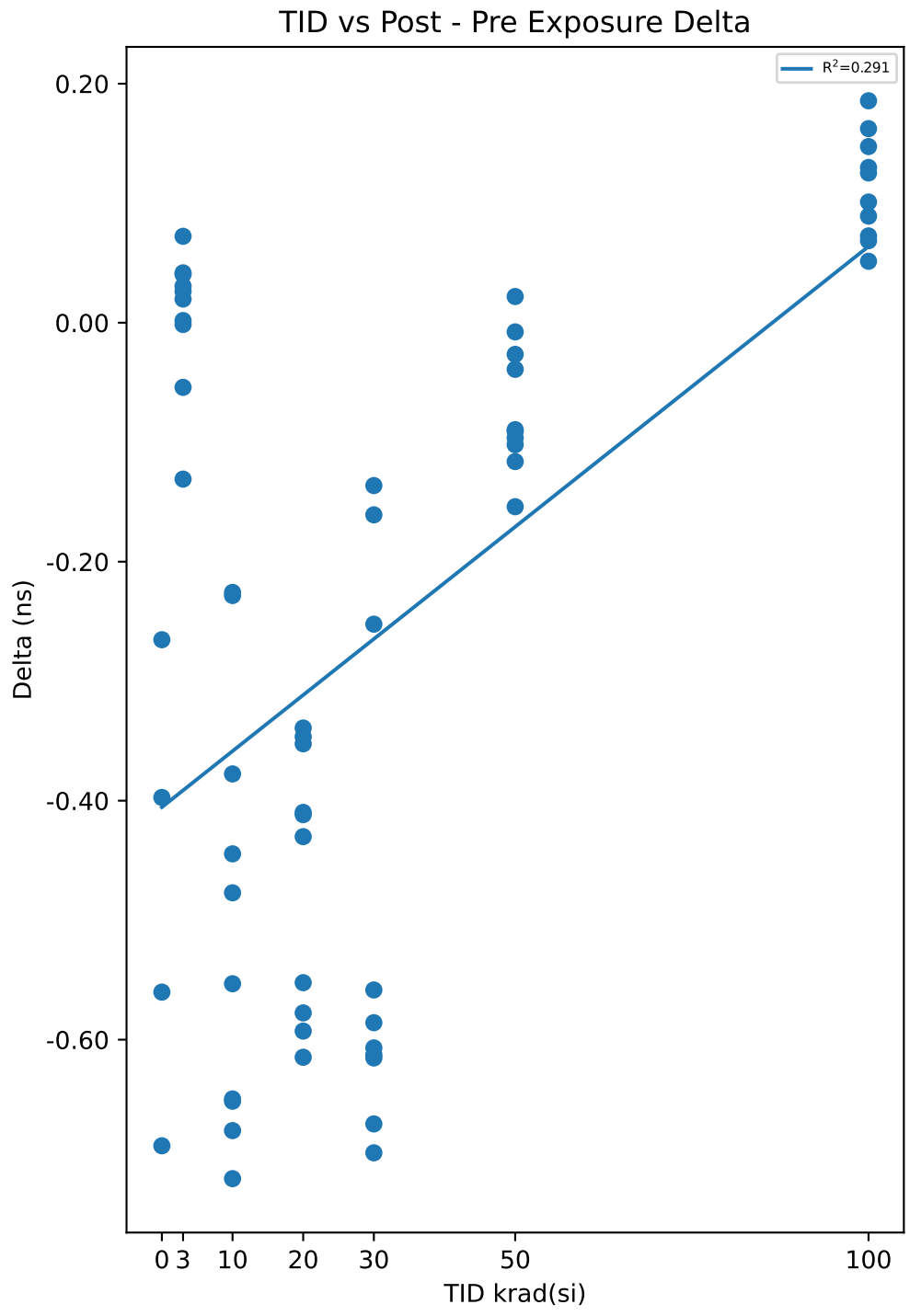
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.5993	7.7602	0.1609
2	3	LDR BIAS	8.2679	8.2926	0.0247
3	3	LDR BIAS	7.8615	7.8113	-0.0502
4	3	LDR BIAS	7.8596	7.856	-0.0036
5	3	LDR BIAS	8.0418	7.9968	-0.045
6	3	LDR UNBIAS	8.3067	8.2849	-0.0218
7	3	LDR UNBIAS	7.8004	7.8639	0.0635
8	3	LDR UNBIAS	7.8135	7.802	-0.0115
9	3	LDR UNBIAS	7.7006	7.659	-0.0416
10	3	LDR UNBIAS	8.3247	8.1543	-0.1704
11	0	CORRELATION	7.8262	7.3321	-0.4941
12	0	CORRELATION	7.8343	7.4308	-0.4035
13	0	CORRELATION	7.6466	6.8864	-0.7602
14	0	CORRELATION	8.2354	7.2023	-1.0331
21	10	LDR BIAS	7.5993	7.2091	-0.3902
22	10	LDR BIAS	8.2679	7.0004	-1.2675
23	10	LDR BIAS	7.8615	7.2946	-0.5669
24	10	LDR BIAS	7.8596	7.1368	-0.7228
25	10	LDR BIAS	8.0418	7.7922	-0.2496
26	10	LDR UNBIAS	8.3067	6.9874	-1.3193
27	10	LDR UNBIAS	7.8004	7.2519	-0.5485
28	10	LDR UNBIAS	7.8135	7.0941	-0.7194
29	10	LDR UNBIAS	7.7006	7.7444	0.0438
30	10	LDR UNBIAS	8.3247	7.214	-1.1107
31	20	LDR BIAS	7.5993	7.4622	-0.1371
32	20	LDR BIAS	8.2679	7.6948	-0.5731
33	20	LDR BIAS	7.8615	7.0547	-0.8068
34	20	LDR BIAS	7.8596	7.2234	-0.6362
35	20	LDR BIAS	8.0418	7.4889	-0.5529
36	20	LDR UNBIAS	8.3067	7.6577	-0.649
37	20	LDR UNBIAS	7.8004	7.0004	-0.8
38	20	LDR UNBIAS	7.8135	7.144	-0.6695
39	20	LDR UNBIAS	7.7006	7.4813	-0.2193
40	20	LDR UNBIAS	8.3247	7.5931	-0.7316
41	30	LDR BIAS	7.5993	7.2518	-0.3475
42	30	LDR BIAS	8.2679	7.3957	-0.8722
43	30	LDR BIAS	7.8615	6.9171	-0.9444
44	30	LDR BIAS	7.8596	7.2579	-0.6017
45	30	LDR BIAS	8.0418	7.3135	-0.7283
46	30	LDR UNBIAS	8.3067	7.4339	-0.8728
47	30	LDR UNBIAS	7.8004	6.9043	-0.8961
48	30	LDR UNBIAS	7.8135	7.1991	-0.6144
49	30	LDR UNBIAS	7.7006	7.3467	-0.3539
50	30	LDR UNBIAS	8.3247	7.3798	-0.9449
51	50	LDR BIAS	7.5993	7.6135	0.0142
52	50	LDR BIAS	8.2679	7.684	-0.5839
53	50	LDR BIAS	7.8615	7.6764	-0.1851
54	50	LDR BIAS	7.8596	7.6089	-0.2507
55	50	LDR BIAS	8.0418	7.6615	-0.3803
56	50	LDR UNBIAS	8.3067	7.6734	-0.6333
57	50	LDR UNBIAS	7.8004	7.6935	-0.1069
58	50	LDR UNBIAS	7.8135	7.6159	-0.1976
59	50	LDR UNBIAS	7.7006	7.7094	0.0088
60	50	LDR UNBIAS	8.3247	7.6398	-0.6849
61	100	LDR BIAS	7.5993	7.8382	0.2389
62	100	LDR BIAS	8.2679	7.916	-0.3519
63	100	LDR BIAS	7.8615	7.9113	0.0498
64	100	LDR BIAS	7.8596	7.8957	0.0361
65	100	LDR BIAS	8.0418	7.9137	-0.1281
66	100	LDR UNBIAS	8.3067	7.8796	-0.4271
67	100	LDR UNBIAS	7.8004	7.8957	0.0953
68	100	LDR UNBIAS	7.8135	7.8551	0.0416
69	100	LDR UNBIAS	7.7006	7.8645	0.1639
70	100	LDR UNBIAS	8.3247	7.8468	-0.4779

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.6466	7.8856	8.2354	0.24876	6.8864	7.2129	7.4308	0.23693	-1.0331	-0.67273	-0.4035	0.28397
3	7.5993	7.9576	8.3247	0.2622	7.659	7.9481	8.2926	0.22398	-0.1704	-0.0095	0.1609	0.08535
10	7.5993	7.9576	8.3247	0.2622	6.9874	7.2725	7.7922	0.28022	-1.3193	-0.68511	0.0438	0.44293
20	7.5993	7.9576	8.3247	0.2622	7.0004	7.38	7.6948	0.254	-0.8068	-0.57755	-0.1371	0.22748
30	7.5993	7.9576	8.3247	0.2622	6.9043	7.24	7.4339	0.18775	-0.9449	-0.71762	-0.3475	0.23007
50	7.5993	7.9576	8.3247	0.2622	7.6089	7.6576	7.7094	0.035993	-0.6849	-0.29997	0.0142	0.25901
100	7.5993	7.9576	8.3247	0.2622	7.8382	7.8817	7.916	0.029034	-0.4779	-0.07594	0.2389	0.25645

Device Test: 24.12 TIMING|OUT_FALL/OUTH/5/5/0/1000/5/500kHz//@OUT_FALL_5V





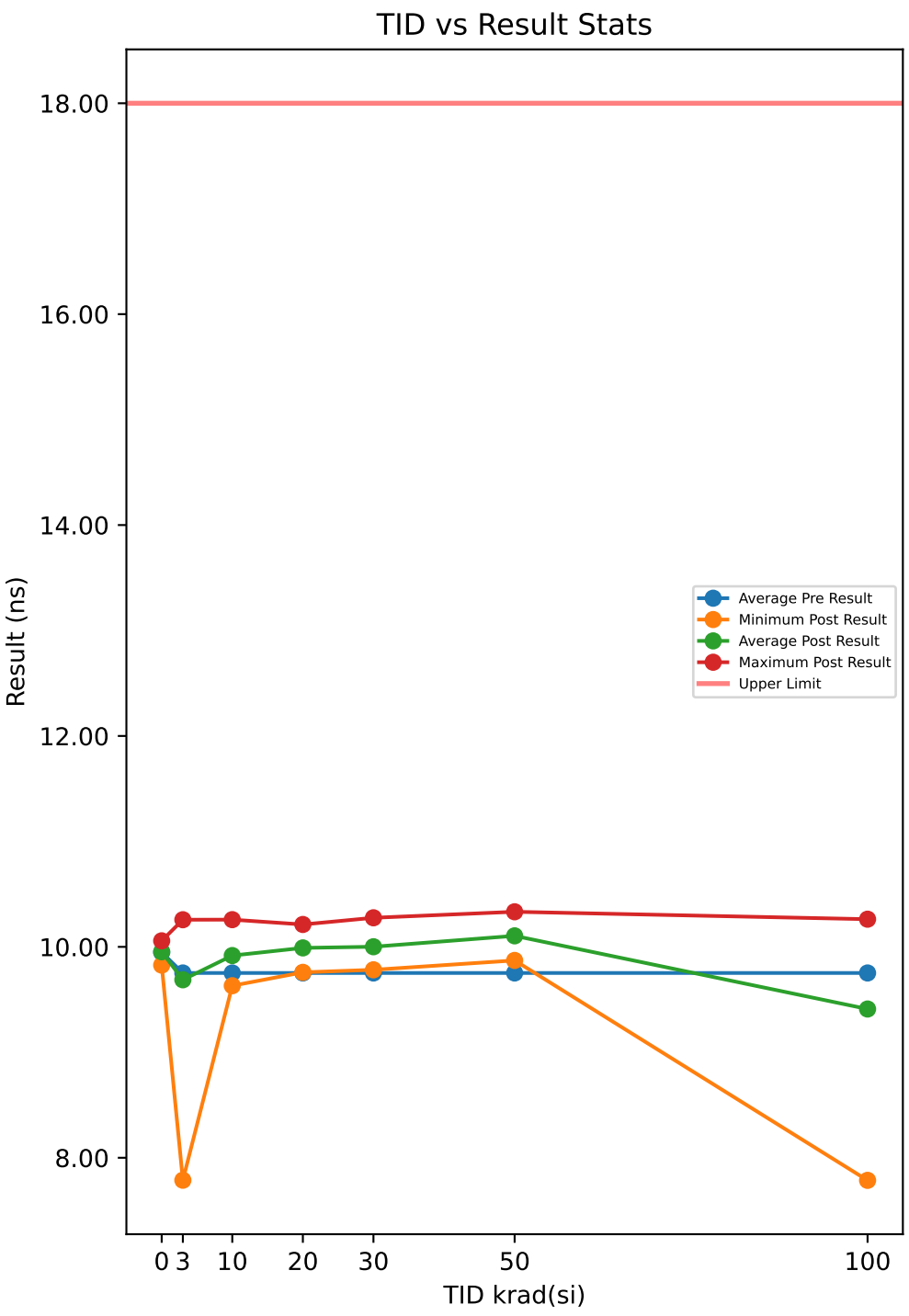
Test Results (Upper Limit = 14.0 (ns))

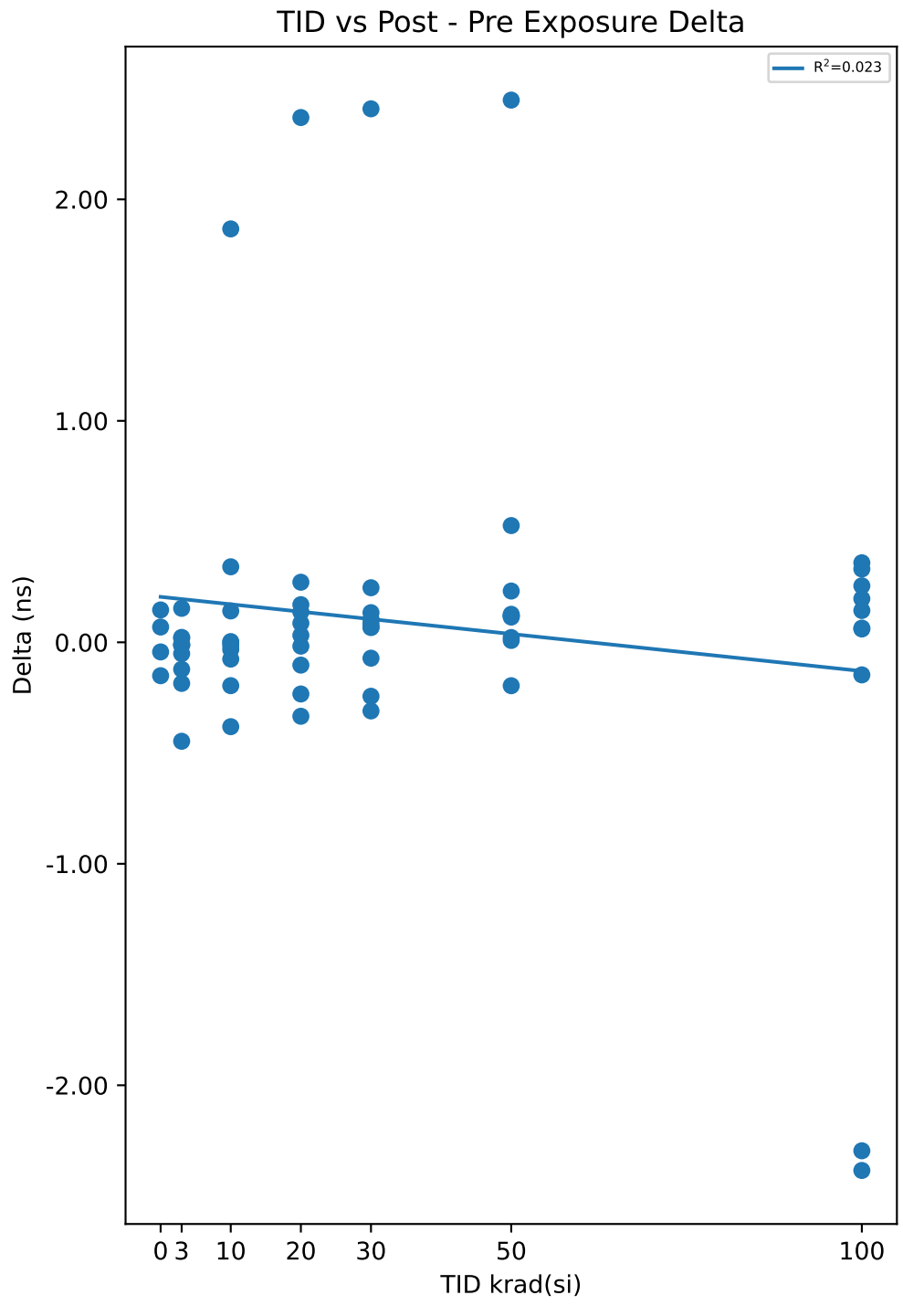
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.2417	6.1108	-0.1309
2	3	LDR BIAS	6.2573	6.3296	0.0723
3	3	LDR BIAS	6.2811	6.227	-0.0541
4	3	LDR BIAS	6.2349	6.2611	0.0262
5	3	LDR BIAS	6.1545	6.1962	0.0417
6	3	LDR UNBIAS	6.2842	6.2827	-0.0015
7	3	LDR UNBIAS	6.2418	6.2616	0.0198
8	3	LDR UNBIAS	6.2714	6.2732	0.0018
9	3	LDR UNBIAS	6.1568	6.1874	0.0306
10	3	LDR UNBIAS	6.2743	6.3147	0.0404
11	0	CORRELATION	6.2951	6.0298	-0.2653
12	0	CORRELATION	6.2714	5.7112	-0.5602
13	0	CORRELATION	5.9963	5.599	-0.3973
14	0	CORRELATION	6.2718	5.583	-0.6888
21	10	LDR BIAS	6.2417	5.6885	-0.5532
22	10	LDR BIAS	6.2573	5.6077	-0.6496
23	10	LDR BIAS	6.2811	5.804	-0.4771
24	10	LDR BIAS	6.2349	5.5834	-0.6515
25	10	LDR BIAS	6.1545	5.9262	-0.2283
26	10	LDR UNBIAS	6.2842	5.6081	-0.6761
27	10	LDR UNBIAS	6.2418	5.7973	-0.4445
28	10	LDR UNBIAS	6.2714	5.5551	-0.7163
29	10	LDR UNBIAS	6.1568	5.9311	-0.2257
30	10	LDR UNBIAS	6.2743	5.8967	-0.3776
31	20	LDR BIAS	6.2417	5.8116	-0.4301
32	20	LDR BIAS	6.2573	5.9181	-0.3392
33	20	LDR BIAS	6.2811	5.6664	-0.6147
34	20	LDR BIAS	6.2349	5.6826	-0.5523
35	20	LDR BIAS	6.1545	5.808	-0.3465
36	20	LDR UNBIAS	6.2842	5.8725	-0.4117
37	20	LDR UNBIAS	6.2418	5.649	-0.5928
38	20	LDR UNBIAS	6.2714	5.6938	-0.5776
39	20	LDR UNBIAS	6.1568	5.8044	-0.3524
40	20	LDR UNBIAS	6.2743	5.8645	-0.4098
41	30	LDR BIAS	6.2417	5.9894	-0.2523
42	30	LDR BIAS	6.2573	5.6715	-0.5858
43	30	LDR BIAS	6.2811	5.6742	-0.6069
44	30	LDR BIAS	6.2349	5.5402	-0.6947
45	30	LDR BIAS	6.1545	6.0182	-0.1363
46	30	LDR UNBIAS	6.2842	5.6716	-0.6126
47	30	LDR UNBIAS	6.2418	5.6834	-0.5584
48	30	LDR UNBIAS	6.2714	5.6009	-0.6705
49	30	LDR UNBIAS	6.1568	5.996	-0.1608
50	30	LDR UNBIAS	6.2743	5.659	-0.6153
51	50	LDR BIAS	6.2417	6.1507	-0.091
52	50	LDR BIAS	6.2573	6.1678	-0.0895
53	50	LDR BIAS	6.2811	6.2421	-0.039
54	50	LDR BIAS	6.2349	6.1328	-0.1021
55	50	LDR BIAS	6.1545	6.1468	-0.0077
56	50	LDR UNBIAS	6.2842	6.1302	-0.154
57	50	LDR UNBIAS	6.2418	6.2153	-0.0265
58	50	LDR UNBIAS	6.2714	6.1749	-0.0965
59	50	LDR UNBIAS	6.1568	6.1787	0.0219
60	50	LDR UNBIAS	6.2743	6.1581	-0.1162
61	100	LDR BIAS	6.2417	6.3427	0.101
62	100	LDR BIAS	6.2573	6.3872	0.1299
63	100	LDR BIAS	6.2811	6.4285	0.1474
64	100	LDR BIAS	6.2349	6.3241	0.0892
65	100	LDR BIAS	6.1545	6.3402	0.1857
66	100	LDR UNBIAS	6.2842	6.3356	0.0514
67	100	LDR UNBIAS	6.2418	6.3671	0.1253
68	100	LDR UNBIAS	6.2714	6.34	0.0686
69	100	LDR UNBIAS	6.1568	6.3192	0.1624
70	100	LDR UNBIAS	6.2743	6.3469	0.0726

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.9963	6.2086	6.2951	0.142	5.583	5.7308	6.0298	0.20737	-0.6888	-0.4779	-0.2653	0.18525
3	6.1545	6.2398	6.2842	0.047573	6.1108	6.2444	6.3296	0.065656	-0.1309	0.00463	0.0723	0.058182
10	6.1545	6.2398	6.2842	0.047573	5.5551	5.7398	5.9311	0.14884	-0.7163	-0.49999	-0.2257	0.18062
20	6.1545	6.2398	6.2842	0.047573	5.649	5.7771	5.9181	0.096635	-0.6147	-0.46271	-0.3392	0.10987
30	6.1545	6.2398	6.2842	0.047573	5.5402	5.7504	6.0182	0.1785	-0.6947	-0.48936	-0.1363	0.21672
50	6.1545	6.2398	6.2842	0.047573	6.1302	6.1697	6.2421	0.035551	-0.154	-0.07006	0.0219	0.054696
100	6.1545	6.2398	6.2842	0.047573	6.3192	6.3532	6.4285	0.03304	0.0514	0.11335	0.1857	0.044037

Device Test: 24.13 TIMING|OUT_RISE/OUTH/12/12/0/1000/5/500kHz//@OUT_RISE_12V





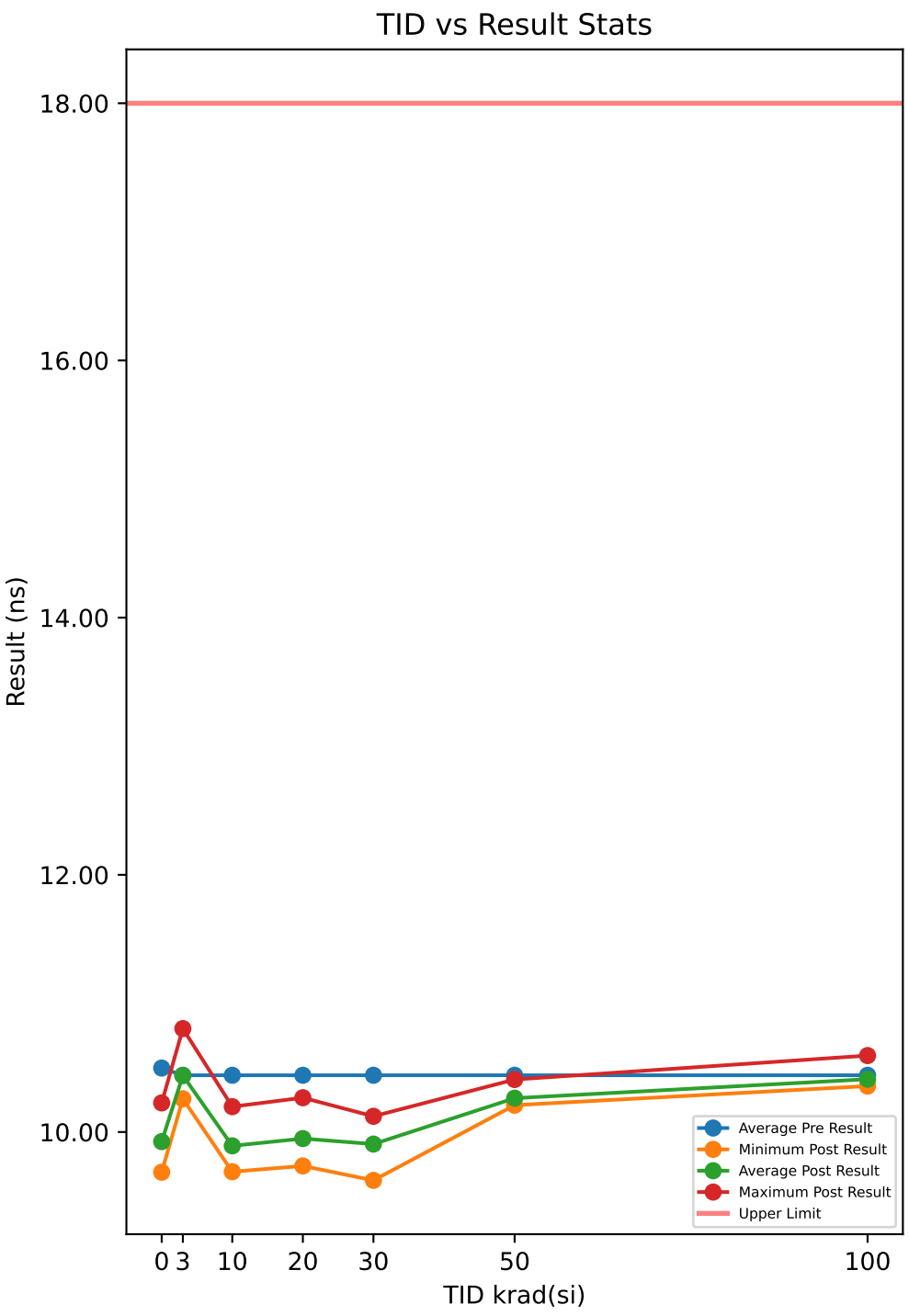
Test Results (Upper Limit = 18.0 (ns))

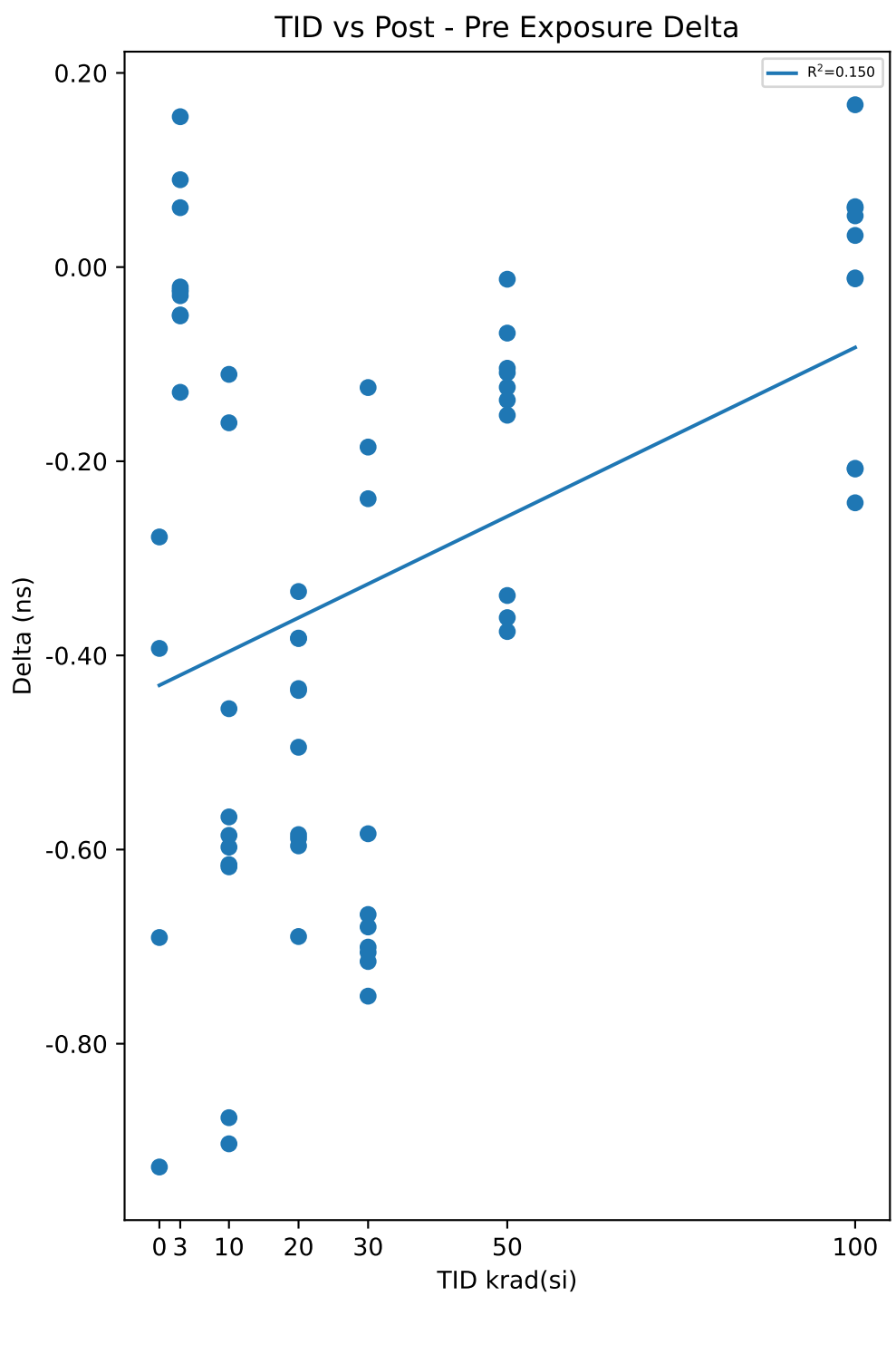
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	10.052	9.605	-0.4468
2	3	LDR BIAS	9.9314	9.7459	-0.1855
3	3	LDR BIAS	10.104	10.257	0.1534
4	3	LDR BIAS	10.171	10.157	-0.0135
5	3	LDR BIAS	9.941	9.8192	-0.1218
6	3	LDR UNBIAS	9.7448	9.6937	-0.0511
7	3	LDR UNBIAS	7.765	7.7872	0.0222
8	3	LDR UNBIAS	9.8055	9.7942	-0.0113
9	3	LDR UNBIAS	10.092	10.082	-0.0102
10	3	LDR UNBIAS	9.917	9.9366	0.0196
11	0	CORRELATION	10.101	10.057	-0.0434
12	0	CORRELATION	10.078	9.9276	-0.1508
13	0	CORRELATION	9.6807	9.8269	0.1462
14	0	CORRELATION	9.9329	10.002	0.069
21	10	LDR BIAS	10.052	9.8561	-0.1957
22	10	LDR BIAS	9.9314	9.9347	0.0033
23	10	LDR BIAS	10.104	9.723	-0.3809
24	10	LDR BIAS	10.171	10.138	-0.0327
25	10	LDR BIAS	9.941	9.8653	-0.0757
26	10	LDR UNBIAS	9.7448	9.8864	0.1416
27	10	LDR UNBIAS	7.765	9.6316	1.8666
28	10	LDR UNBIAS	9.8055	9.7912	-0.0143
29	10	LDR UNBIAS	10.092	10.091	-0.001
30	10	LDR UNBIAS	9.917	10.258	0.341
31	20	LDR BIAS	10.052	9.9489	-0.1029
32	20	LDR BIAS	9.9314	10.018	0.0862
33	20	LDR BIAS	10.104	9.8706	-0.2333
34	20	LDR BIAS	10.171	10.202	0.0315
35	20	LDR BIAS	9.941	10.212	0.2713
36	20	LDR UNBIAS	9.7448	9.9148	0.17
37	20	LDR UNBIAS	7.765	10.134	2.3695
38	20	LDR UNBIAS	9.8055	9.7882	-0.0173
39	20	LDR UNBIAS	10.092	9.7584	-0.3339
40	20	LDR UNBIAS	9.917	10.054	0.1371
41	30	LDR BIAS	10.052	9.9802	-0.0716
42	30	LDR BIAS	9.9314	10.016	0.0843
43	30	LDR BIAS	10.104	9.8603	-0.2436
44	30	LDR BIAS	10.171	10.276	0.1052
45	30	LDR BIAS	9.941	10.187	0.2464
46	30	LDR UNBIAS	9.7448	9.8787	0.1339
47	30	LDR UNBIAS	7.765	10.174	2.4088
48	30	LDR UNBIAS	9.8055	9.8722	0.0667
49	30	LDR UNBIAS	10.092	9.7825	-0.3098
50	30	LDR UNBIAS	9.917	9.9853	0.0683
51	50	LDR BIAS	10.052	10.283	0.2315
52	50	LDR BIAS	9.9314	10.051	0.1198
53	50	LDR BIAS	10.104	9.9079	-0.196
54	50	LDR BIAS	10.171	10.192	0.0216
55	50	LDR BIAS	9.941	9.9495	0.0085
56	50	LDR UNBIAS	9.7448	9.8713	0.1265
57	50	LDR UNBIAS	7.765	10.213	2.4482
58	50	LDR UNBIAS	9.8055	10.333	0.5271
59	50	LDR UNBIAS	10.092	10.206	0.114
60	50	LDR UNBIAS	9.917	10.037	0.1204
61	100	LDR BIAS	10.052	9.9048	-0.147
62	100	LDR BIAS	9.9314	10.262	0.331
63	100	LDR BIAS	10.104	10.164	0.0602
64	100	LDR BIAS	10.171	7.7858	-2.3847
65	100	LDR BIAS	9.941	10.196	0.255
66	100	LDR UNBIAS	9.7448	10.104	0.3591
67	100	LDR UNBIAS	7.765	7.8291	0.0641
68	100	LDR UNBIAS	9.8055	9.9492	0.1437
69	100	LDR UNBIAS	10.092	7.7965	-2.2958
70	100	LDR UNBIAS	9.917	10.114	0.1968

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.6807	9.9482	10.101	0.19319	9.8269	9.9534	10.057	0.099657	-0.1508	0.00525	0.1462	0.12994
3	7.765	9.7523	10.171	0.71109	7.7872	9.6878	10.257	0.70024	-0.4468	-0.0645	0.1534	0.16149
10	7.765	9.7523	10.171	0.71109	9.6316	9.9175	10.258	0.19378	-0.3809	0.16522	1.8666	0.62698
20	7.765	9.7523	10.171	0.71109	9.7584	9.9901	10.212	0.16196	-0.3339	0.23782	2.3695	0.7714
30	7.765	9.7523	10.171	0.71109	9.7825	10.001	10.276	0.16331	-0.3098	0.24886	2.4088	0.77813
50	7.765	9.7523	10.171	0.71109	9.8713	10.104	10.333	0.1627	-0.196	0.35216	2.4482	0.75878
100	7.765	9.7523	10.171	0.71109	7.7858	9.4106	10.262	1.1139	-2.3847	-0.34176	0.3591	1.0636

Device Test: 24.14 TIMING|OUT_FALL/OUTH/12/12/0/1000/5/500kHz//@OUT_FALL_12V





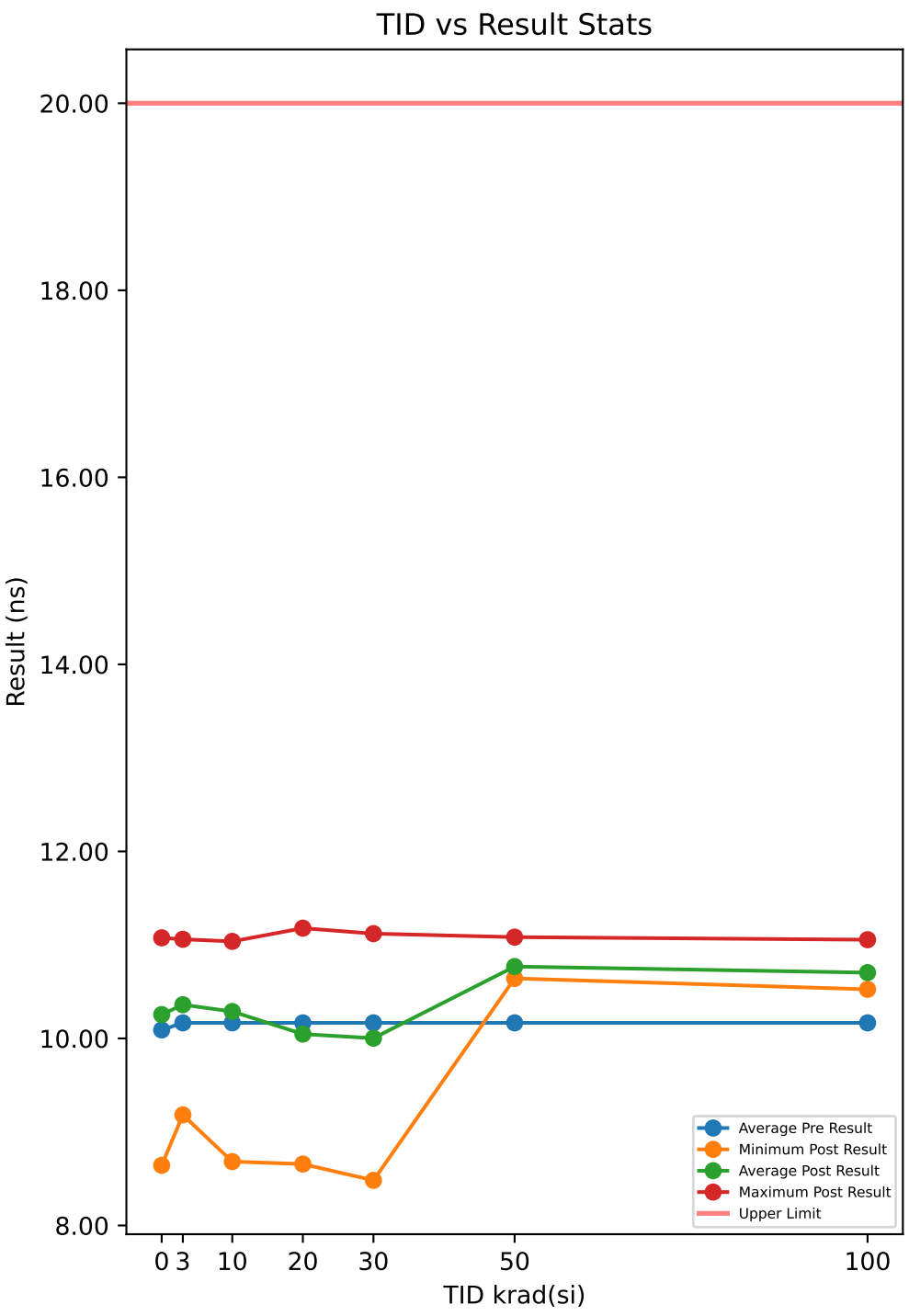
Test Results (Upper Limit = 18.0 (ns))

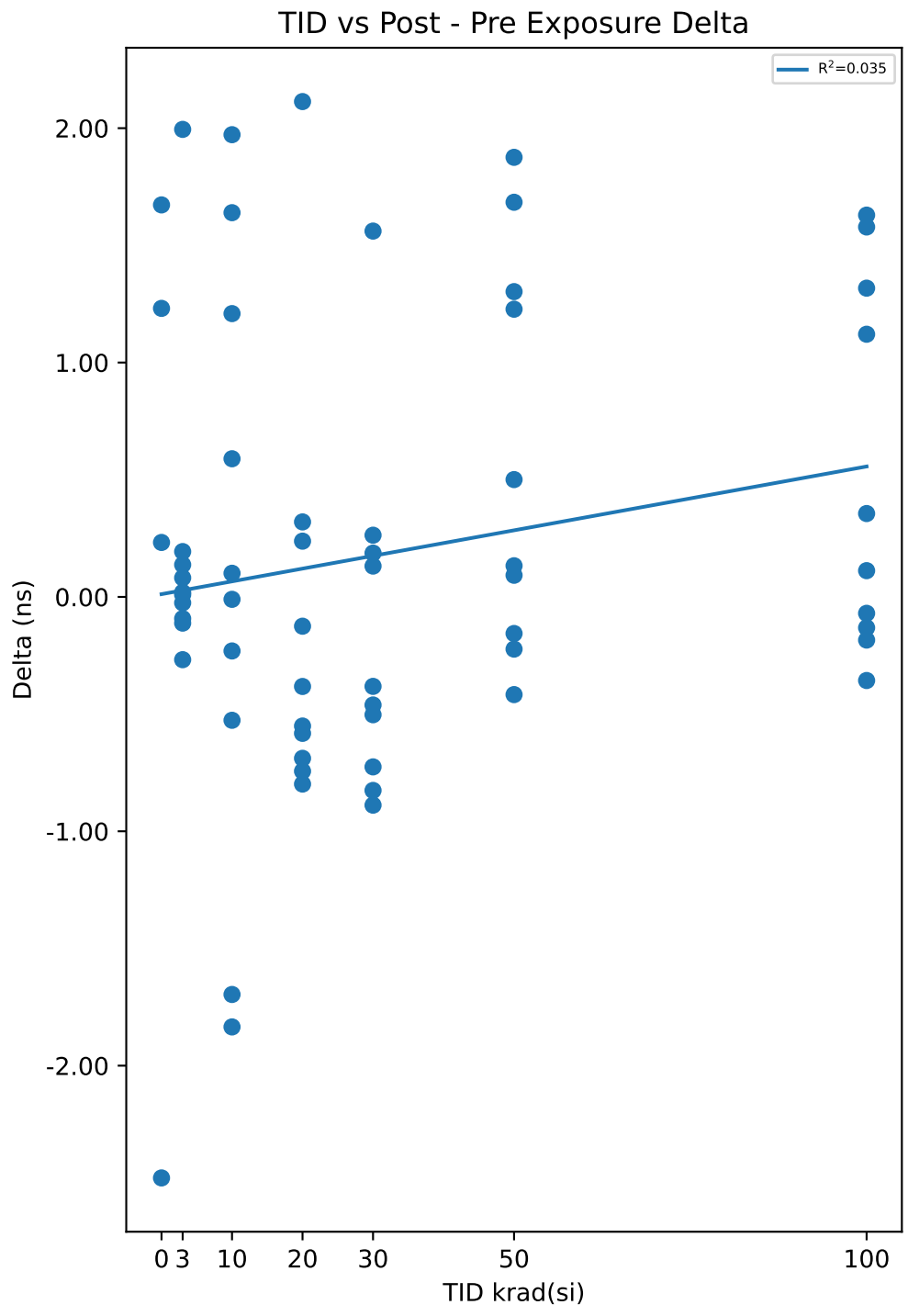
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	10.229	10.319	0.09
2	3	LDR BIAS	10.649	10.804	0.1549
3	3	LDR BIAS	10.532	10.403	-0.129
4	3	LDR BIAS	10.325	10.299	-0.0255
5	3	LDR BIAS	10.308	10.258	-0.0493
6	3	LDR UNBIAS	10.567	10.629	0.0612
7	3	LDR UNBIAS	10.467	10.447	-0.0205
8	3	LDR UNBIAS	10.41	10.386	-0.0234
9	3	LDR UNBIAS	10.313	10.283	-0.0295
10	3	LDR UNBIAS	10.613	10.562	-0.0503
11	0	CORRELATION	10.504	10.226	-0.278
12	0	CORRELATION	10.354	9.9614	-0.3928
13	0	CORRELATION	10.517	9.8263	-0.6906
14	0	CORRELATION	10.614	9.6873	-0.927
21	10	LDR BIAS	10.229	9.7738	-0.4549
22	10	LDR BIAS	10.649	9.7461	-0.9031
23	10	LDR BIAS	10.532	9.9143	-0.6178
24	10	LDR BIAS	10.325	9.7091	-0.6155
25	10	LDR BIAS	10.308	10.197	-0.1105
26	10	LDR UNBIAS	10.567	9.6912	-0.8762
27	10	LDR UNBIAS	10.467	9.8696	-0.5975
28	10	LDR UNBIAS	10.41	9.8435	-0.5664
29	10	LDR UNBIAS	10.313	10.152	-0.1604
30	10	LDR UNBIAS	10.613	10.027	-0.5854
31	20	LDR BIAS	10.229	9.8945	-0.3342
32	20	LDR BIAS	10.649	10.267	-0.3826
33	20	LDR BIAS	10.532	9.9359	-0.5962
34	20	LDR BIAS	10.325	9.7361	-0.5885
35	20	LDR BIAS	10.308	9.9254	-0.3822
36	20	LDR UNBIAS	10.567	10.131	-0.4361
37	20	LDR UNBIAS	10.467	9.7775	-0.6896
38	20	LDR UNBIAS	10.41	9.8253	-0.5846
39	20	LDR UNBIAS	10.313	9.8787	-0.4342
40	20	LDR UNBIAS	10.613	10.118	-0.4946
41	30	LDR BIAS	10.229	10.105	-0.1241
42	30	LDR BIAS	10.649	9.9695	-0.6797
43	30	LDR BIAS	10.532	9.9484	-0.5837
44	30	LDR BIAS	10.325	9.6241	-0.7005
45	30	LDR BIAS	10.308	10.122	-0.1854
46	30	LDR UNBIAS	10.567	9.9005	-0.6669
47	30	LDR UNBIAS	10.467	9.7161	-0.751
48	30	LDR UNBIAS	10.41	9.704	-0.7059
49	30	LDR UNBIAS	10.313	10.074	-0.2386
50	30	LDR UNBIAS	10.613	9.8974	-0.7153
51	50	LDR BIAS	10.229	10.216	-0.0125
52	50	LDR BIAS	10.649	10.288	-0.3611
53	50	LDR BIAS	10.532	10.408	-0.1238
54	50	LDR BIAS	10.325	10.216	-0.1088
55	50	LDR BIAS	10.308	10.24	-0.068
56	50	LDR UNBIAS	10.567	10.229	-0.3383
57	50	LDR UNBIAS	10.467	10.315	-0.1526
58	50	LDR UNBIAS	10.41	10.273	-0.137
59	50	LDR UNBIAS	10.313	10.209	-0.1042
60	50	LDR UNBIAS	10.613	10.237	-0.3754
61	100	LDR BIAS	10.229	10.396	0.1672
62	100	LDR BIAS	10.649	10.442	-0.2073
63	100	LDR BIAS	10.532	10.594	0.0622
64	100	LDR BIAS	10.325	10.357	0.0326
65	100	LDR BIAS	10.308	10.368	0.0608
66	100	LDR UNBIAS	10.567	10.359	-0.208
67	100	LDR UNBIAS	10.467	10.456	-0.0112
68	100	LDR UNBIAS	10.41	10.398	-0.0121
69	100	LDR UNBIAS	10.313	10.366	0.0528
70	100	LDR UNBIAS	10.613	10.37	-0.2428

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.354	10.497	10.614	0.10739	9.6873	9.9253	10.226	0.22975	-0.927	-0.5721	-0.278	0.29362
3	10.229	10.441	10.649	0.1459	10.258	10.439	10.804	0.17622	-0.129	-0.00214	0.1549	0.08157
10	10.229	10.441	10.649	0.1459	9.6912	9.8925	10.197	0.18001	-0.9031	-0.54877	-0.1105	0.25771
20	10.229	10.441	10.649	0.1459	9.7361	9.9489	10.267	0.17042	-0.6896	-0.49228	-0.3342	0.11699
30	10.229	10.441	10.649	0.1459	9.6241	9.9061	10.122	0.17537	-0.751	-0.53511	-0.1241	0.24841
50	10.229	10.441	10.649	0.1459	10.209	10.263	10.408	0.061659	-0.3754	-0.17817	-0.0125	0.13046
100	10.229	10.441	10.649	0.1459	10.357	10.411	10.594	0.073093	-0.2428	-0.03058	0.1672	0.13964

Device Test: 24.15 TIMING|OUT_RISE/OUTH/14/14/0/1000/5/500kHz//@OUT_RISE_14V





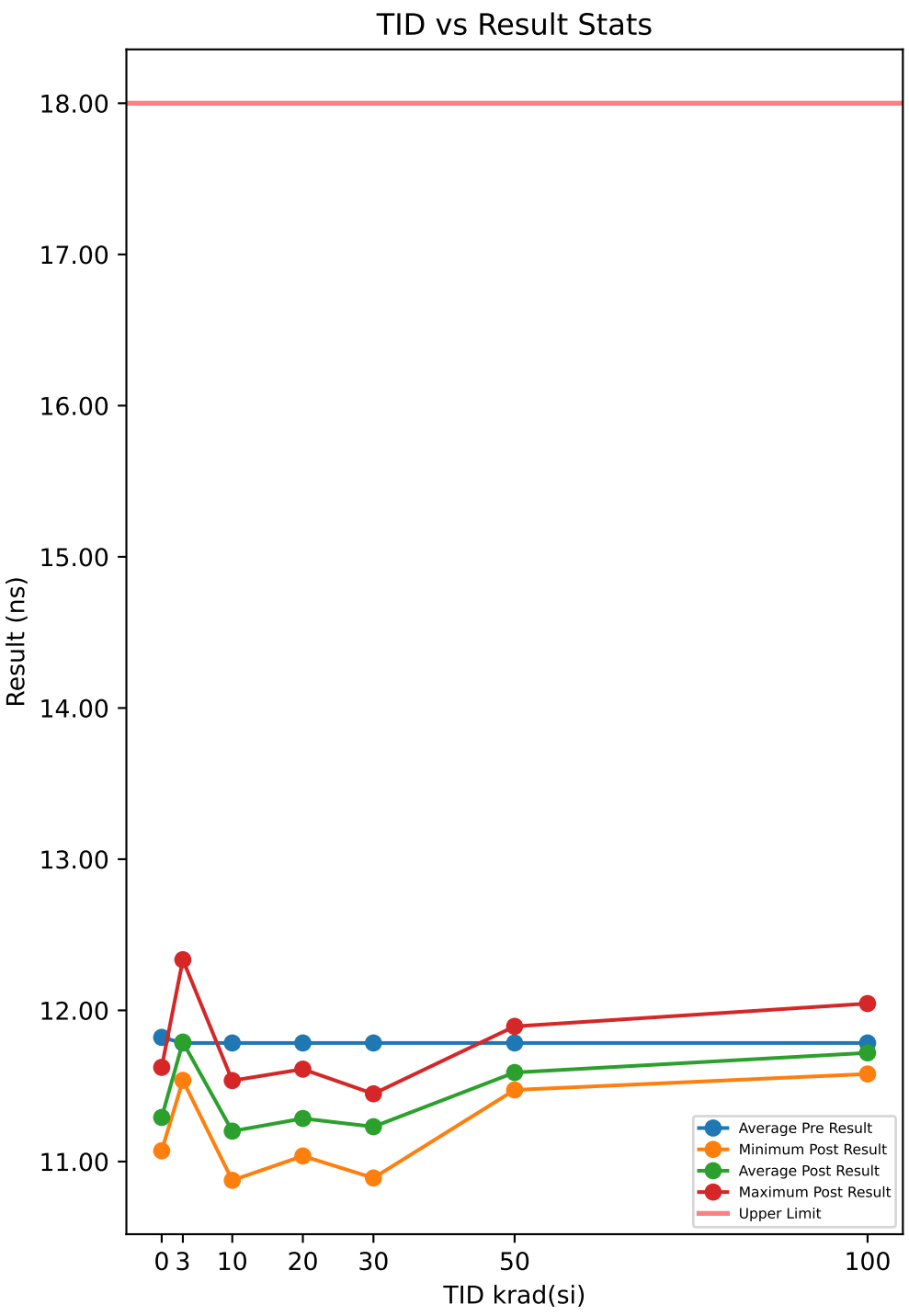
Test Results (Upper Limit = 20.0 (ns))

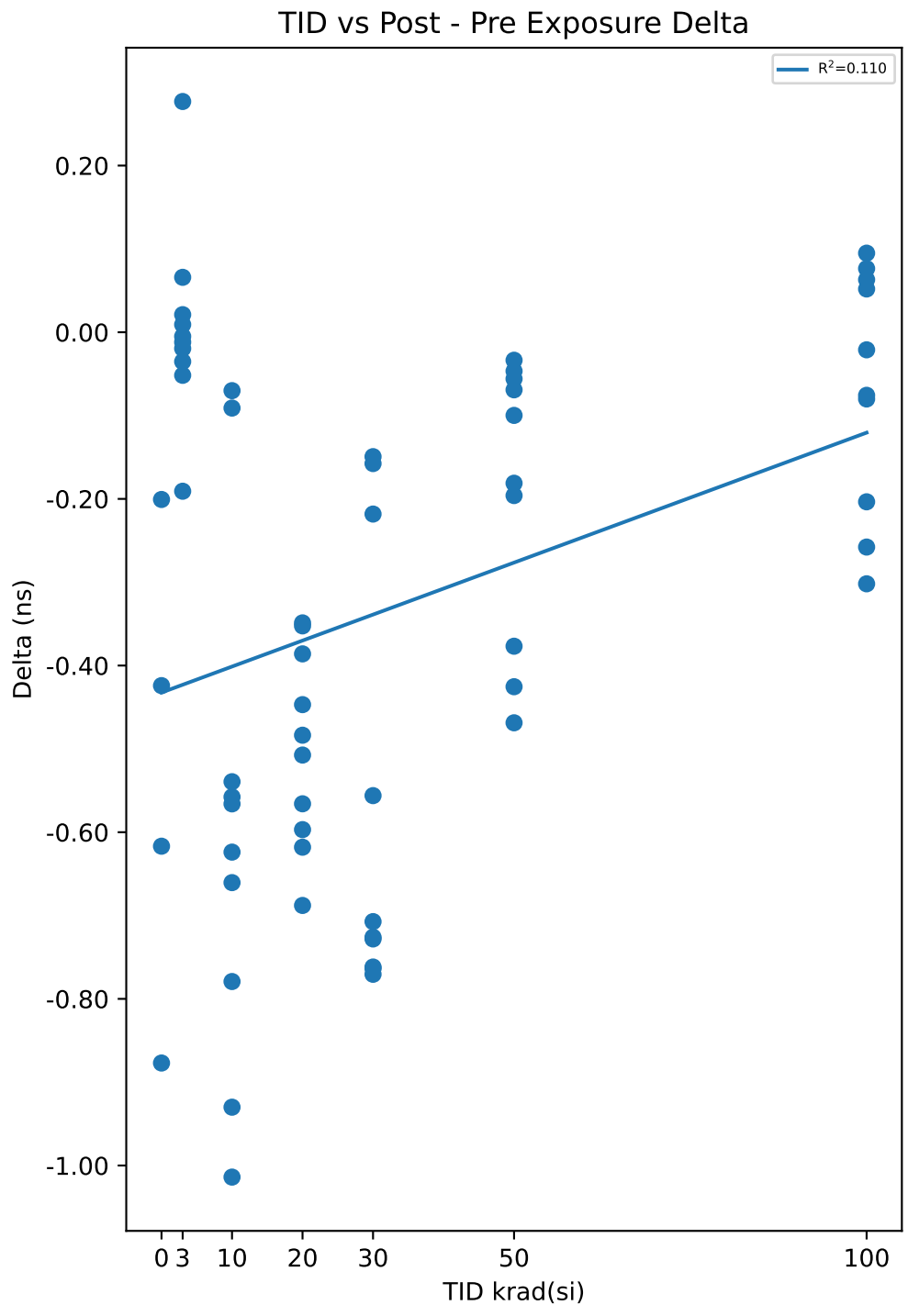
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	10.652	10.733	0.0814
2	3	LDR BIAS	9.4744	9.2066	-0.2678
3	3	LDR BIAS	9.0654	11.06	1.9948
4	3	LDR BIAS	11.086	10.975	-0.1118
5	3	LDR BIAS	10.379	10.573	0.1935
6	3	LDR UNBIAS	9.2076	9.1824	-0.0252
7	3	LDR UNBIAS	10.864	10.772	-0.0925
8	3	LDR UNBIAS	10.857	10.877	0.0194
9	3	LDR UNBIAS	10.602	10.739	0.1373
10	3	LDR UNBIAS	9.4773	9.4868	0.0095
11	0	CORRELATION	8.937	10.61	1.6726
12	0	CORRELATION	11.122	8.6429	-2.479
13	0	CORRELATION	10.843	11.076	0.2324
14	0	CORRELATION	9.4603	10.691	1.2311
21	10	LDR BIAS	10.652	10.641	-0.0103
22	10	LDR BIAS	9.4744	10.683	1.2088
23	10	LDR BIAS	9.0654	11.038	1.9722
24	10	LDR BIAS	11.086	10.856	-0.2306
25	10	LDR BIAS	10.379	8.6829	-1.6963
26	10	LDR UNBIAS	9.2076	10.847	1.6394
27	10	LDR UNBIAS	10.864	10.338	-0.5264
28	10	LDR UNBIAS	10.857	10.958	0.1009
29	10	LDR UNBIAS	10.602	8.7673	-1.8347
30	10	LDR UNBIAS	9.4773	10.067	0.5895
31	20	LDR BIAS	10.652	10.972	0.32
32	20	LDR BIAS	9.4744	8.7309	-0.7435
33	20	LDR BIAS	9.0654	11.179	2.1135
34	20	LDR BIAS	11.086	10.288	-0.7985
35	20	LDR BIAS	10.379	10.617	0.2379
36	20	LDR UNBIAS	9.2076	8.6567	-0.5509
37	20	LDR UNBIAS	10.864	10.282	-0.5822
38	20	LDR UNBIAS	10.857	10.732	-0.125
39	20	LDR UNBIAS	10.602	10.22	-0.3821
40	20	LDR UNBIAS	9.4773	8.7886	-0.6887
41	30	LDR BIAS	10.652	10.838	0.1869
42	30	LDR BIAS	9.4744	8.6487	-0.8257
43	30	LDR BIAS	9.0654	10.626	1.5609
44	30	LDR BIAS	11.086	10.625	-0.4611
45	30	LDR BIAS	10.379	10.511	0.1316
46	30	LDR UNBIAS	9.2076	8.4824	-0.7252
47	30	LDR UNBIAS	10.864	10.362	-0.5027
48	30	LDR UNBIAS	10.857	11.121	0.2633
49	30	LDR UNBIAS	10.602	10.22	-0.3817
50	30	LDR UNBIAS	9.4773	8.5888	-0.8885
51	50	LDR BIAS	10.652	10.784	0.1329
52	50	LDR BIAS	9.4744	10.702	1.2276
53	50	LDR BIAS	9.0654	10.749	1.6839
54	50	LDR BIAS	11.086	10.67	-0.4168
55	50	LDR BIAS	10.379	10.88	0.5006
56	50	LDR UNBIAS	9.2076	11.083	1.8756
57	50	LDR UNBIAS	10.864	10.642	-0.2227
58	50	LDR UNBIAS	10.857	10.701	-0.1561
59	50	LDR UNBIAS	10.602	10.694	0.0924
60	50	LDR UNBIAS	9.4773	10.78	1.3026
61	100	LDR BIAS	10.652	10.764	0.112
62	100	LDR BIAS	9.4744	10.595	1.1208
63	100	LDR BIAS	9.0654	10.694	1.629
64	100	LDR BIAS	11.086	10.73	-0.3567
65	100	LDR BIAS	10.379	10.735	0.3557
66	100	LDR UNBIAS	9.2076	10.525	1.3174
67	100	LDR UNBIAS	10.864	10.733	-0.1315
68	100	LDR UNBIAS	10.857	10.673	-0.1841
69	100	LDR UNBIAS	10.602	10.532	-0.07
70	100	LDR UNBIAS	9.4773	11.056	1.5784

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.937	10.091	11.122	1.058	8.6429	10.255	11.076	1.0937	-2.479	0.16427	1.6726	1.8623
3	9.0654	10.167	11.086	0.77221	9.1824	10.36	11.06	0.7537	-0.2678	0.19386	1.9948	0.64637
10	9.0654	10.167	11.086	0.77221	8.6829	10.288	11.038	0.87352	-1.8347	0.12125	1.9722	1.2834
20	9.0654	10.167	11.086	0.77221	8.6567	10.047	11.179	0.96163	-0.7985	-0.11995	2.1135	0.87881
30	9.0654	10.167	11.086	0.77221	8.4824	10.002	11.121	1.0167	-0.8885	-0.16422	1.5609	0.7376
50	9.0654	10.167	11.086	0.77221	10.642	10.769	11.083	0.13015	-0.4168	0.602	1.8756	0.84706
100	9.0654	10.167	11.086	0.77221	10.525	10.704	11.056	0.15063	-0.3567	0.5371	1.629	0.787

Device Test: 24.16 TIMING|OUT_FALL/OUTH/14/14/0/1000/5/500kHz//@OUT_FALL_14V





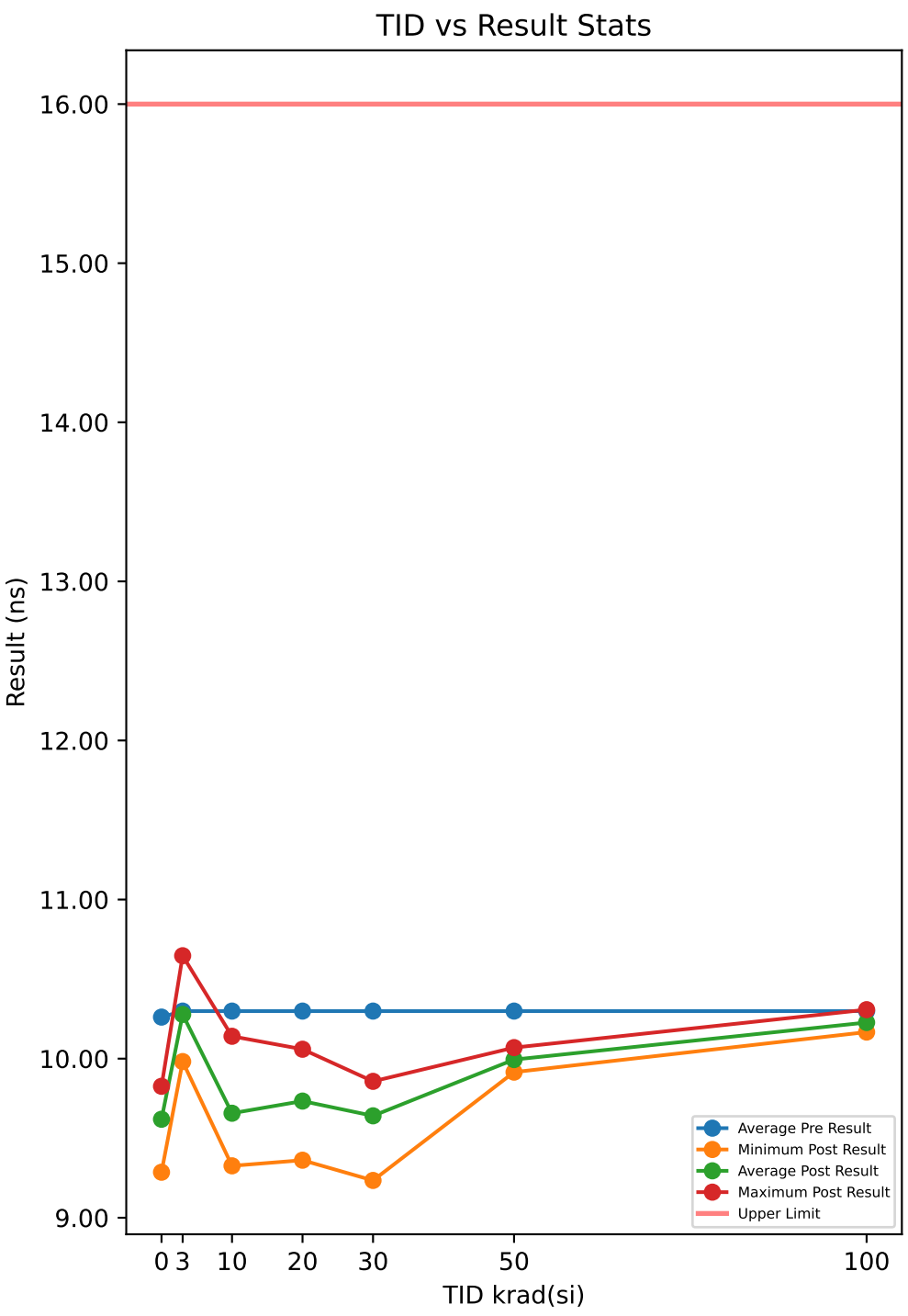
Test Results (Upper Limit = 18.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	11.648	11.643	-0.005
2	3	LDR BIAS	12.058	12.335	0.2769
3	3	LDR BIAS	11.95	11.759	-0.1908
4	3	LDR BIAS	11.655	11.603	-0.0517
5	3	LDR BIAS	11.606	11.672	0.0659
6	3	LDR UNBIAS	11.93	11.939	0.0092
7	3	LDR UNBIAS	11.8	11.788	-0.0119
8	3	LDR UNBIAS	11.808	11.773	-0.0352
9	3	LDR UNBIAS	11.516	11.537	0.0211
10	3	LDR UNBIAS	11.872	11.853	-0.0195
11	0	CORRELATION	11.824	11.623	-0.2007
12	0	CORRELATION	11.725	11.3	-0.4241
13	0	CORRELATION	11.789	11.172	-0.6168
14	0	CORRELATION	11.948	11.071	-0.877
21	10	LDR BIAS	11.648	11.108	-0.5394
22	10	LDR BIAS	12.058	11.044	-1.0139
23	10	LDR BIAS	11.95	11.326	-0.6239
24	10	LDR BIAS	11.655	10.876	-0.7792
25	10	LDR BIAS	11.606	11.536	-0.0701
26	10	LDR UNBIAS	11.93	11	-0.93
27	10	LDR UNBIAS	11.8	11.234	-0.566
28	10	LDR UNBIAS	11.808	11.148	-0.6605
29	10	LDR UNBIAS	11.516	11.425	-0.091
30	10	LDR UNBIAS	11.872	11.315	-0.5577
31	20	LDR BIAS	11.648	11.262	-0.386
32	20	LDR BIAS	12.058	11.611	-0.4469
33	20	LDR BIAS	11.95	11.384	-0.5659
34	20	LDR BIAS	11.655	11.037	-0.618
35	20	LDR BIAS	11.606	11.257	-0.3488
36	20	LDR UNBIAS	11.93	11.423	-0.5074
37	20	LDR UNBIAS	11.8	11.112	-0.6879
38	20	LDR UNBIAS	11.808	11.211	-0.5969
39	20	LDR UNBIAS	11.516	11.164	-0.3524
40	20	LDR UNBIAS	11.872	11.389	-0.4836
41	30	LDR BIAS	11.648	11.43	-0.2182
42	30	LDR BIAS	12.058	11.296	-0.7618
43	30	LDR BIAS	11.95	11.394	-0.5561
44	30	LDR BIAS	11.655	10.891	-0.7636
45	30	LDR BIAS	11.606	11.448	-0.1576
46	30	LDR UNBIAS	11.93	11.202	-0.7281
47	30	LDR UNBIAS	11.8	11.03	-0.7705
48	30	LDR UNBIAS	11.808	11.082	-0.726
49	30	LDR UNBIAS	11.516	11.367	-0.1493
50	30	LDR UNBIAS	11.872	11.165	-0.7073
51	50	LDR BIAS	11.648	11.579	-0.0691
52	50	LDR BIAS	12.058	11.589	-0.4687
53	50	LDR BIAS	11.95	11.894	-0.0559
54	50	LDR BIAS	11.655	11.474	-0.1812
55	50	LDR BIAS	11.606	11.559	-0.0466
56	50	LDR UNBIAS	11.93	11.505	-0.4254
57	50	LDR UNBIAS	11.8	11.7	-0.0998
58	50	LDR UNBIAS	11.808	11.612	-0.196
59	50	LDR UNBIAS	11.516	11.482	-0.0336
60	50	LDR UNBIAS	11.872	11.495	-0.3768
61	100	LDR BIAS	11.648	11.7	0.0519
62	100	LDR BIAS	12.058	11.756	-0.3019
63	100	LDR BIAS	11.95	12.045	0.0949
64	100	LDR BIAS	11.655	11.579	-0.0757
65	100	LDR BIAS	11.606	11.682	0.0764
66	100	LDR UNBIAS	11.93	11.672	-0.2578
67	100	LDR UNBIAS	11.8	11.779	-0.0211
68	100	LDR UNBIAS	11.808	11.728	-0.0801
69	100	LDR UNBIAS	11.516	11.579	0.0631
70	100	LDR UNBIAS	11.872	11.669	-0.2035

Test Statistics (ns)

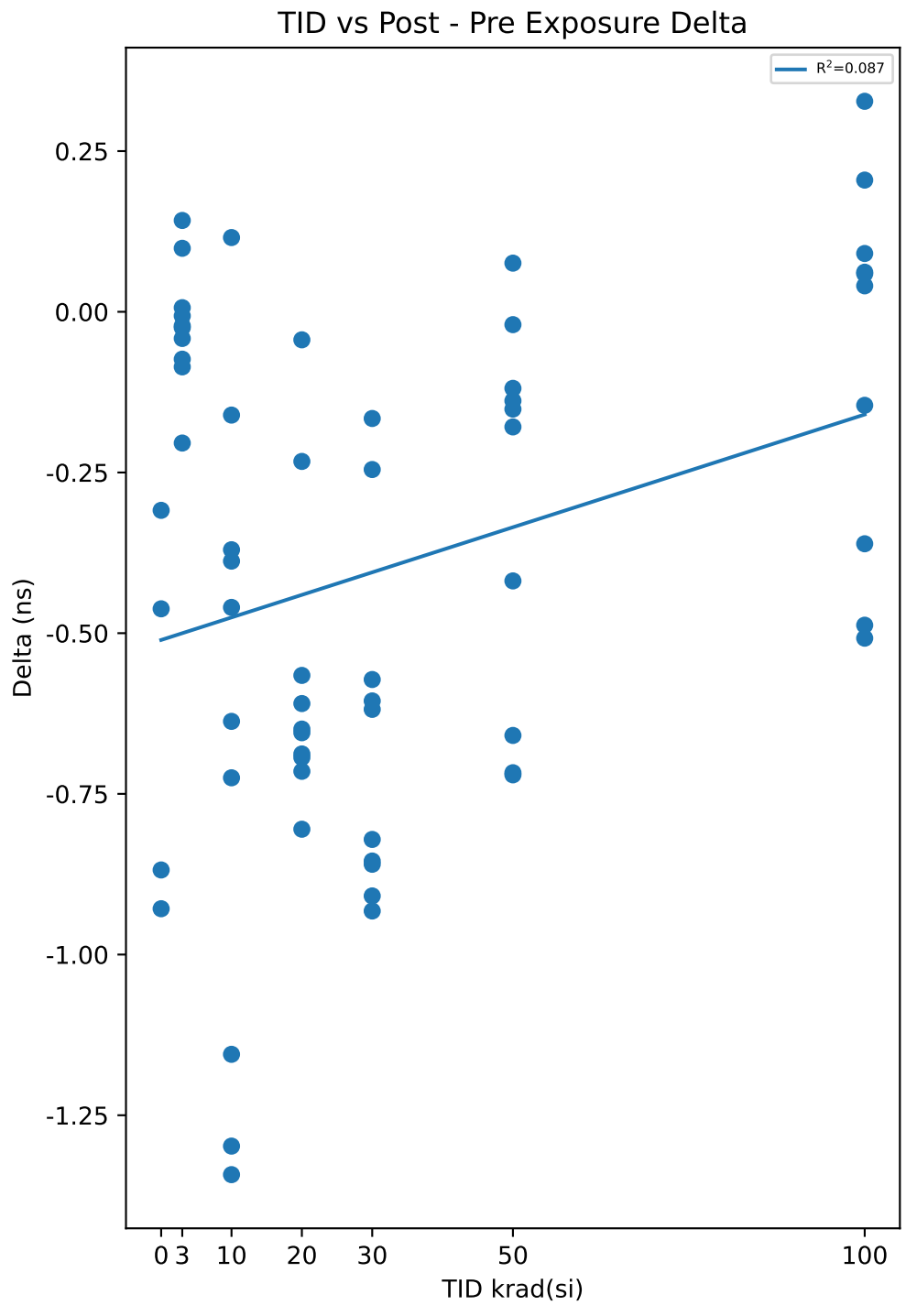
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.725	11.821	11.948	0.093914	11.071	11.292	11.623	0.24008	-0.877	-0.52965	-0.2007	0.28728
3	11.516	11.784	12.058	0.17368	11.537	11.79	12.335	0.22583	-0.1908	0.0059	0.2769	0.11646
10	11.516	11.784	12.058	0.17368	10.876	11.201	11.536	0.20386	-1.0139	-0.58317	-0.0701	0.30916
20	11.516	11.784	12.058	0.17368	11.037	11.285	11.611	0.1696	-0.6879	-0.49938	-0.3488	0.11726
30	11.516	11.784	12.058	0.17368	10.891	11.23	11.448	0.18831	-0.7705	-0.55385	-0.1493	0.26896
50	11.516	11.784	12.058	0.17368	11.474	11.589	11.894	0.12804	-0.4687	-0.19531	-0.0336	0.16785
100	11.516	11.784	12.058	0.17368	11.579	11.719	12.045	0.13202	-0.3019	-0.06538	0.0949	0.14544

Device Test: 24.17 TIMING|OUT_RISE/OUTH/4.5/12/0/1000/4.5/500kHz//@OUT_RISE_LDO



Test Results (Upper Limit = 16.0 (ns))

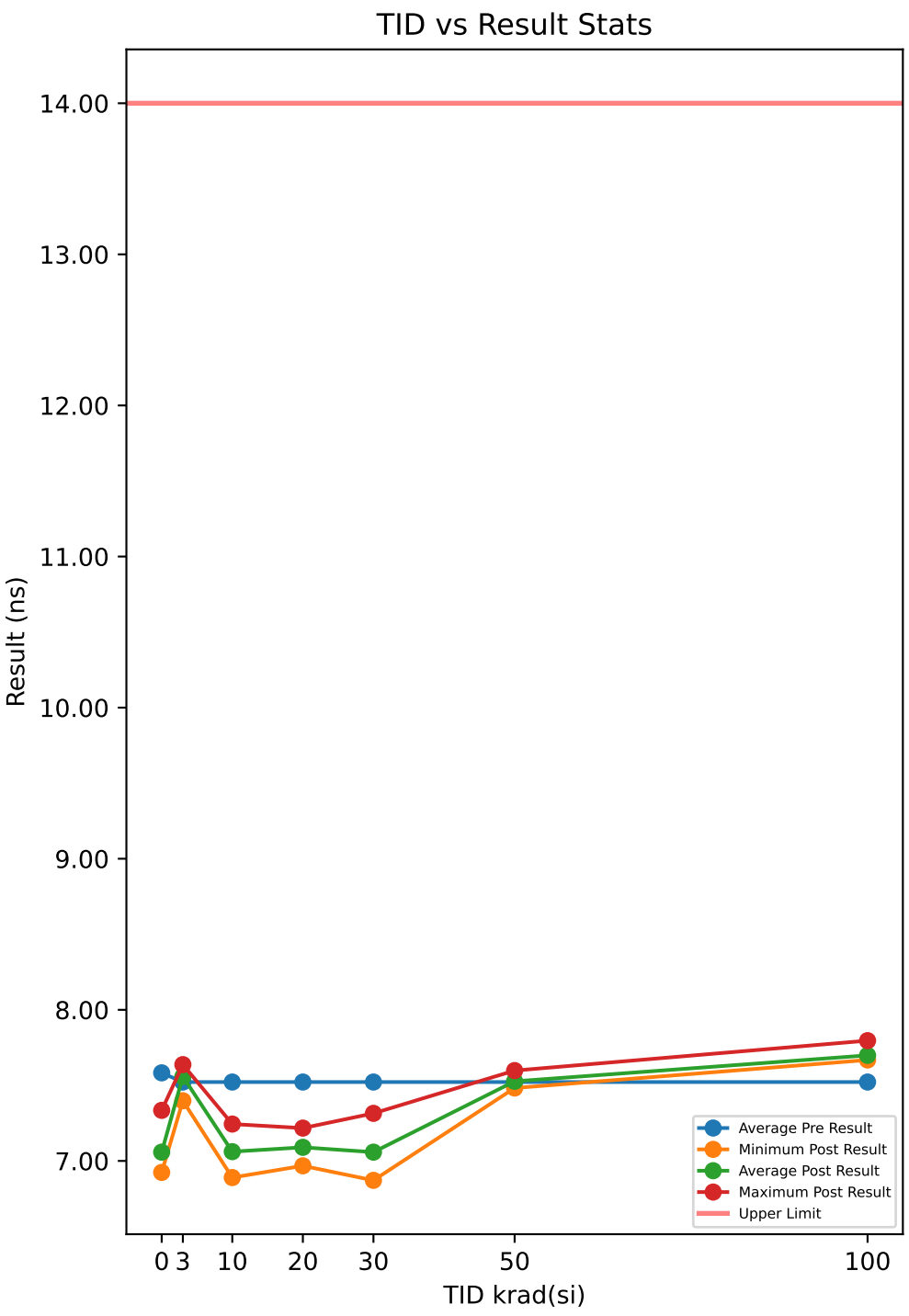
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	9.8395	9.9816	0.1421
2	3	LDR BIAS	10.669	10.647	-0.0218
3	3	LDR BIAS	10.188	10.147	-0.0415
4	3	LDR BIAS	10.175	10.15	-0.0247
5	3	LDR BIAS	10.025	10.124	0.0988
6	3	LDR UNBIAS	10.693	10.607	-0.0857
7	3	LDR UNBIAS	10.167	10.16	-0.0064
8	3	LDR UNBIAS	10.134	10.14	0.0064
9	3	LDR UNBIAS	10.387	10.183	-0.2042
10	3	LDR UNBIAS	10.712	10.638	-0.0737
11	0	CORRELATION	10.166	9.7035	-0.4621
12	0	CORRELATION	10.135	9.8262	-0.3089
13	0	CORRELATION	10.155	9.2861	-0.8684
14	0	CORRELATION	10.589	9.6606	-0.9287
21	10	LDR BIAS	9.8395	9.6788	-0.1607
22	10	LDR BIAS	10.669	9.3263	-1.3424
23	10	LDR BIAS	10.188	9.7286	-0.4599
24	10	LDR BIAS	10.175	9.4498	-0.725
25	10	LDR BIAS	10.025	10.141	0.1155
26	10	LDR UNBIAS	10.693	9.3947	-1.298
27	10	LDR UNBIAS	10.167	9.7964	-0.3702
28	10	LDR UNBIAS	10.134	9.4968	-0.6372
29	10	LDR UNBIAS	10.387	9.9996	-0.3879
30	10	LDR UNBIAS	10.712	9.5566	-1.1552
31	20	LDR BIAS	9.8395	9.7959	-0.0436
32	20	LDR BIAS	10.669	10.059	-0.6095
33	20	LDR BIAS	10.188	9.4736	-0.7149
34	20	LDR BIAS	10.175	9.4869	-0.6879
35	20	LDR BIAS	10.025	9.7923	-0.2328
36	20	LDR UNBIAS	10.693	10.038	-0.6549
37	20	LDR UNBIAS	10.167	9.3616	-0.805
38	20	LDR UNBIAS	10.134	9.4848	-0.6492
39	20	LDR UNBIAS	10.387	9.8218	-0.5657
40	20	LDR UNBIAS	10.712	10.018	-0.6934
41	30	LDR BIAS	9.8395	9.6735	-0.166
42	30	LDR BIAS	10.669	9.8478	-0.8209
43	30	LDR BIAS	10.188	9.2797	-0.9088
44	30	LDR BIAS	10.175	9.6027	-0.5721
45	30	LDR BIAS	10.025	9.7797	-0.2454
46	30	LDR UNBIAS	10.693	9.8332	-0.8595
47	30	LDR UNBIAS	10.167	9.2344	-0.9322
48	30	LDR UNBIAS	10.134	9.5286	-0.6054
49	30	LDR UNBIAS	10.387	9.769	-0.6185
50	30	LDR UNBIAS	10.712	9.8573	-0.8545
51	50	LDR BIAS	9.8395	9.9152	0.0757
52	50	LDR BIAS	10.669	9.9483	-0.7204
53	50	LDR BIAS	10.188	10.069	-0.1191
54	50	LDR BIAS	10.175	10.036	-0.1384
55	50	LDR BIAS	10.025	10.005	-0.02
56	50	LDR UNBIAS	10.693	9.9756	-0.7171
57	50	LDR UNBIAS	10.167	9.9875	-0.1791
58	50	LDR UNBIAS	10.134	9.9826	-0.1514
59	50	LDR UNBIAS	10.387	9.9688	-0.4187
60	50	LDR UNBIAS	10.712	10.053	-0.6591
61	100	LDR BIAS	9.8395	10.167	0.3275
62	100	LDR BIAS	10.669	10.308	-0.3609
63	100	LDR BIAS	10.188	10.25	0.0616
64	100	LDR BIAS	10.175	10.265	0.0907
65	100	LDR BIAS	10.025	10.23	0.2049
66	100	LDR UNBIAS	10.693	10.185	-0.5078
67	100	LDR UNBIAS	10.167	10.207	0.0404
68	100	LDR UNBIAS	10.134	10.193	0.0592
69	100	LDR UNBIAS	10.387	10.242	-0.1455
70	100	LDR UNBIAS	10.712	10.224	-0.4876

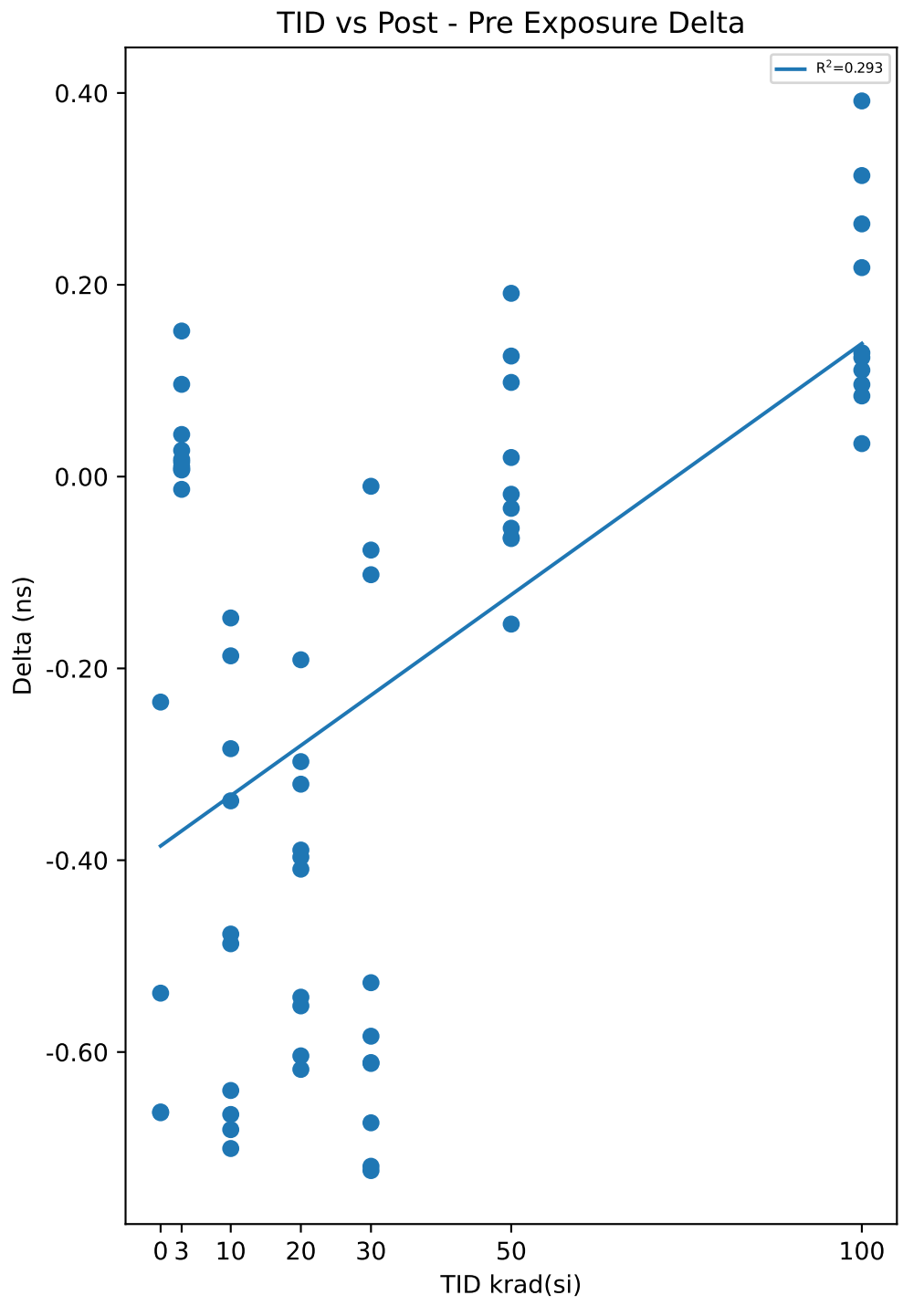


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.135	10.261	10.589	0.21915	9.2861	9.6191	9.8262	0.23283	-0.9287	-0.64202	-0.3089	0.30374
3	9.8395	10.299	10.712	0.3034	9.9816	10.278	10.647	0.24964	-0.2042	-0.02107	0.1421	0.095962
10	9.8395	10.299	10.712	0.3034	9.3263	9.6568	10.141	0.26523	-1.3424	-0.6421	0.1155	0.49083
20	9.8395	10.299	10.712	0.3034	9.3616	9.7332	10.059	0.26321	-0.805	-0.56569	-0.0436	0.23829
30	9.8395	10.299	10.712	0.3034	9.2344	9.6406	9.8573	0.22928	-0.9322	-0.65833	-0.166	0.27241
50	9.8395	10.299	10.712	0.3034	9.9152	9.9942	10.069	0.047721	-0.7204	-0.30476	0.0757	0.29974
100	9.8395	10.299	10.712	0.3034	10.167	10.227	10.308	0.041768	-0.5078	-0.07175	0.3275	0.29097

Device Test: 24.18 TIMING|OUT_FALL/OUTH/4.5/12/0/1000/4.5/500kHz//@OUT_FALL_LDO





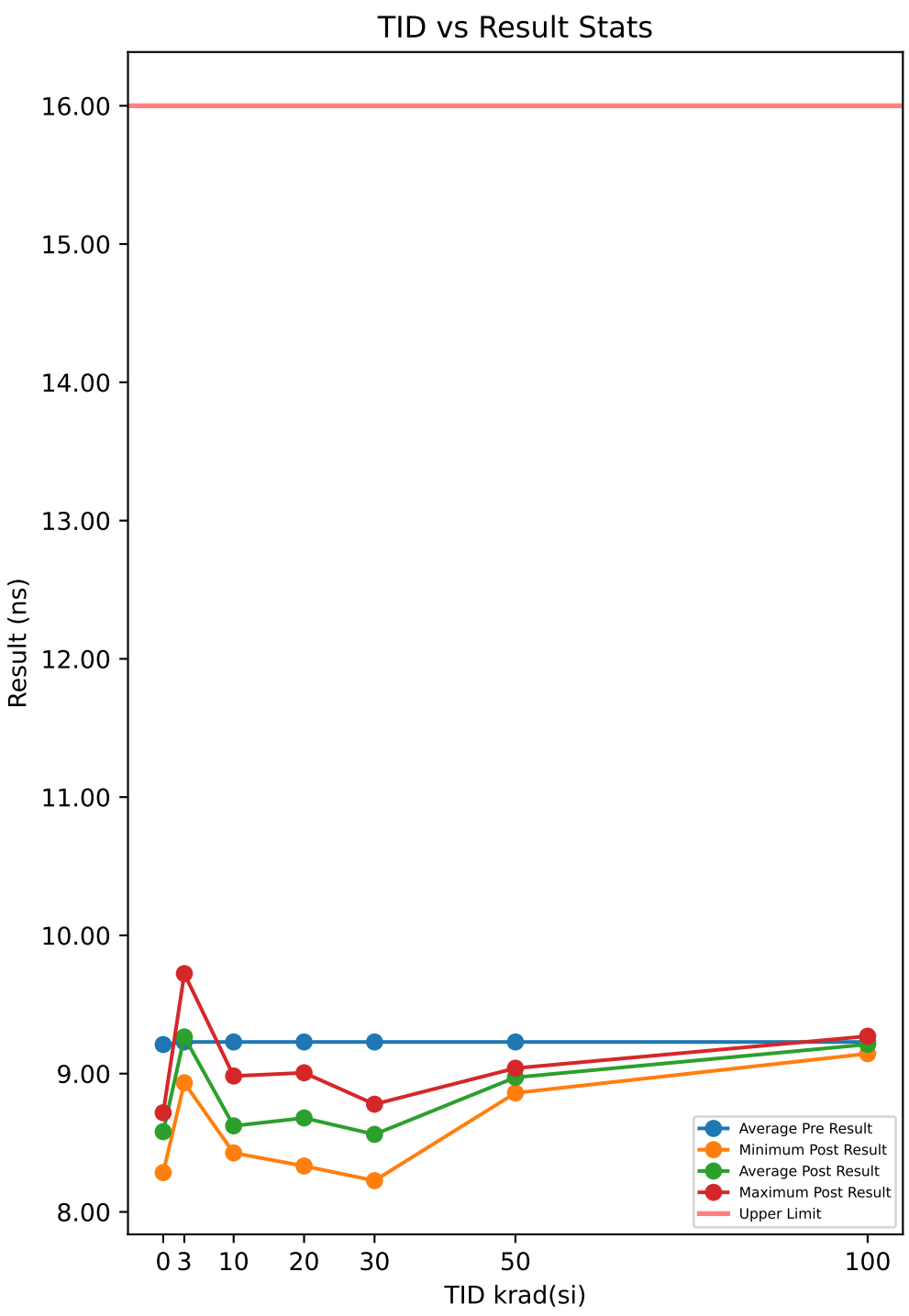
Test Results (Upper Limit = 14.0 (ns))

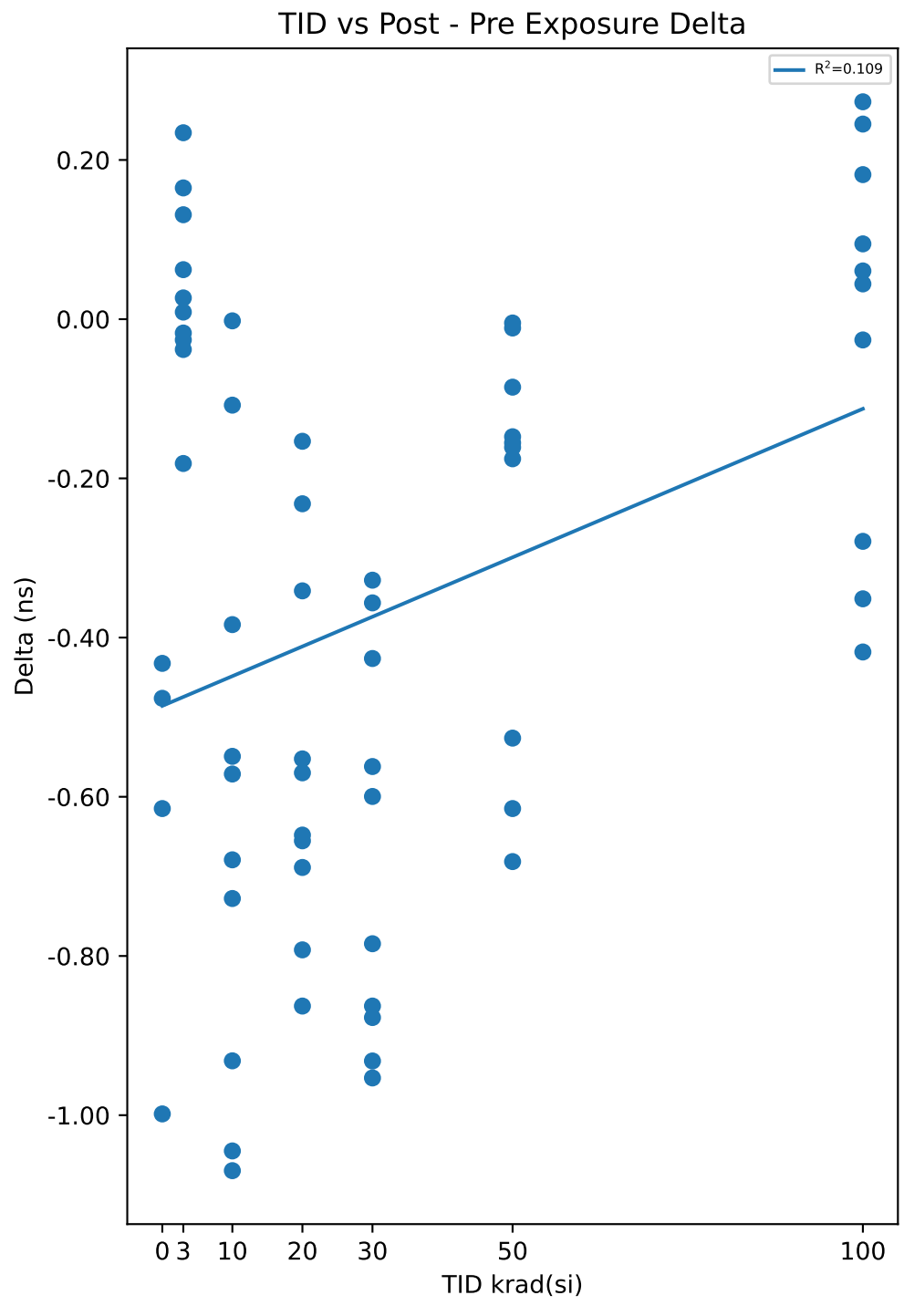
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.3019	7.3981	0.0962
2	3	LDR BIAS	7.6265	7.6342	0.0077
3	3	LDR BIAS	7.5781	7.5961	0.018
4	3	LDR BIAS	7.5905	7.6178	0.0273
5	3	LDR BIAS	7.3914	7.5432	0.1518
6	3	LDR UNBIAS	7.5471	7.591	0.0439
7	3	LDR UNBIAS	7.5716	7.5818	0.0102
8	3	LDR UNBIAS	7.6507	7.6374	-0.0133
9	3	LDR UNBIAS	7.4046	7.4115	0.0069
10	3	LDR UNBIAS	7.5582	7.5735	0.0153
11	0	CORRELATION	7.5698	7.3347	-0.2351
12	0	CORRELATION	7.6482	6.9849	-0.6633
13	0	CORRELATION	7.5272	6.9886	-0.5386
14	0	CORRELATION	7.5865	6.924	-0.6625
21	10	LDR BIAS	7.3019	7.0182	-0.2837
22	10	LDR BIAS	7.6265	6.9456	-0.6809
23	10	LDR BIAS	7.5781	7.1011	-0.477
24	10	LDR BIAS	7.5905	6.8899	-0.7006
25	10	LDR BIAS	7.3914	7.244	-0.1474
26	10	LDR UNBIAS	7.5471	6.907	-0.6401
27	10	LDR UNBIAS	7.5716	7.0845	-0.4871
28	10	LDR UNBIAS	7.6507	6.9856	-0.6651
29	10	LDR UNBIAS	7.4046	7.2177	-0.1869
30	10	LDR UNBIAS	7.5582	7.2201	-0.3381
31	20	LDR BIAS	7.3019	7.1109	-0.191
32	20	LDR BIAS	7.6265	7.2172	-0.4093
33	20	LDR BIAS	7.5781	7.0262	-0.5519
34	20	LDR BIAS	7.5905	7.0477	-0.5428
35	20	LDR BIAS	7.3914	7.0942	-0.2972
36	20	LDR UNBIAS	7.5471	7.1577	-0.3894
37	20	LDR UNBIAS	7.5716	6.9676	-0.604
38	20	LDR UNBIAS	7.6507	7.0326	-0.6181
39	20	LDR UNBIAS	7.4046	7.0839	-0.3207
40	20	LDR UNBIAS	7.5582	7.1615	-0.3967
41	30	LDR BIAS	7.3019	7.2918	-0.0101
42	30	LDR BIAS	7.6265	6.9527	-0.6738
43	30	LDR BIAS	7.5781	7.0504	-0.5277
44	30	LDR BIAS	7.5905	6.8714	-0.7191
45	30	LDR BIAS	7.3914	7.3148	-0.0766
46	30	LDR UNBIAS	7.5471	6.9636	-0.5835
47	30	LDR UNBIAS	7.5716	6.9606	-0.611
48	30	LDR UNBIAS	7.6507	6.9271	-0.7236
49	30	LDR UNBIAS	7.4046	7.3023	-0.1023
50	30	LDR UNBIAS	7.5582	6.9463	-0.6119
51	50	LDR BIAS	7.3019	7.493	0.1911
52	50	LDR BIAS	7.6265	7.5629	-0.0636
53	50	LDR BIAS	7.5781	7.598	0.0199
54	50	LDR BIAS	7.5905	7.5367	-0.0538
55	50	LDR BIAS	7.3914	7.4896	0.0982
56	50	LDR UNBIAS	7.5471	7.4825	-0.0646
57	50	LDR UNBIAS	7.5716	7.5532	-0.0184
58	50	LDR UNBIAS	7.6507	7.4969	-0.1538
59	50	LDR UNBIAS	7.4046	7.5303	0.1257
60	50	LDR UNBIAS	7.5582	7.5251	-0.0331
61	100	LDR BIAS	7.3019	7.6936	0.3917
62	100	LDR BIAS	7.6265	7.7225	0.096
63	100	LDR BIAS	7.5781	7.796	0.2179
64	100	LDR BIAS	7.5905	7.6746	0.0841
65	100	LDR BIAS	7.3914	7.7053	0.3139
66	100	LDR UNBIAS	7.5471	7.6712	0.1241
67	100	LDR UNBIAS	7.5716	7.7007	0.1291
68	100	LDR UNBIAS	7.6507	7.6851	0.0344
69	100	LDR UNBIAS	7.4046	7.6681	0.2635
70	100	LDR UNBIAS	7.5582	7.6692	0.111

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.5272	7.5829	7.6482	0.05017	6.924	7.058	7.3347	0.1868	-0.6633	-0.52487	-0.2351	0.20187
3	7.3019	7.5221	7.6507	0.11499	7.3981	7.5585	7.6374	0.085817	-0.0133	0.0364	0.1518	0.050185
10	7.3019	7.5221	7.6507	0.11499	6.8899	7.0614	7.244	0.13306	-0.7006	-0.46069	-0.1474	0.21094
20	7.3019	7.5221	7.6507	0.11499	6.9676	7.0899	7.2172	0.07491	-0.6181	-0.43211	-0.191	0.14263
30	7.3019	7.5221	7.6507	0.11499	6.8714	7.0581	7.3148	0.17457	-0.7236	-0.46396	-0.0101	0.28387
50	7.3019	7.5221	7.6507	0.11499	7.4825	7.5268	7.598	0.037365	-0.1538	0.00476	0.1911	0.10453
100	7.3019	7.5221	7.6507	0.11499	7.6681	7.6986	7.796	0.038638	0.0344	0.17657	0.3917	0.11497

Device Test: 24.19 TIMING|OUT_RISE/OUTH/5/12/0/1000/5/500kHz//@OUT_RISE_LDO





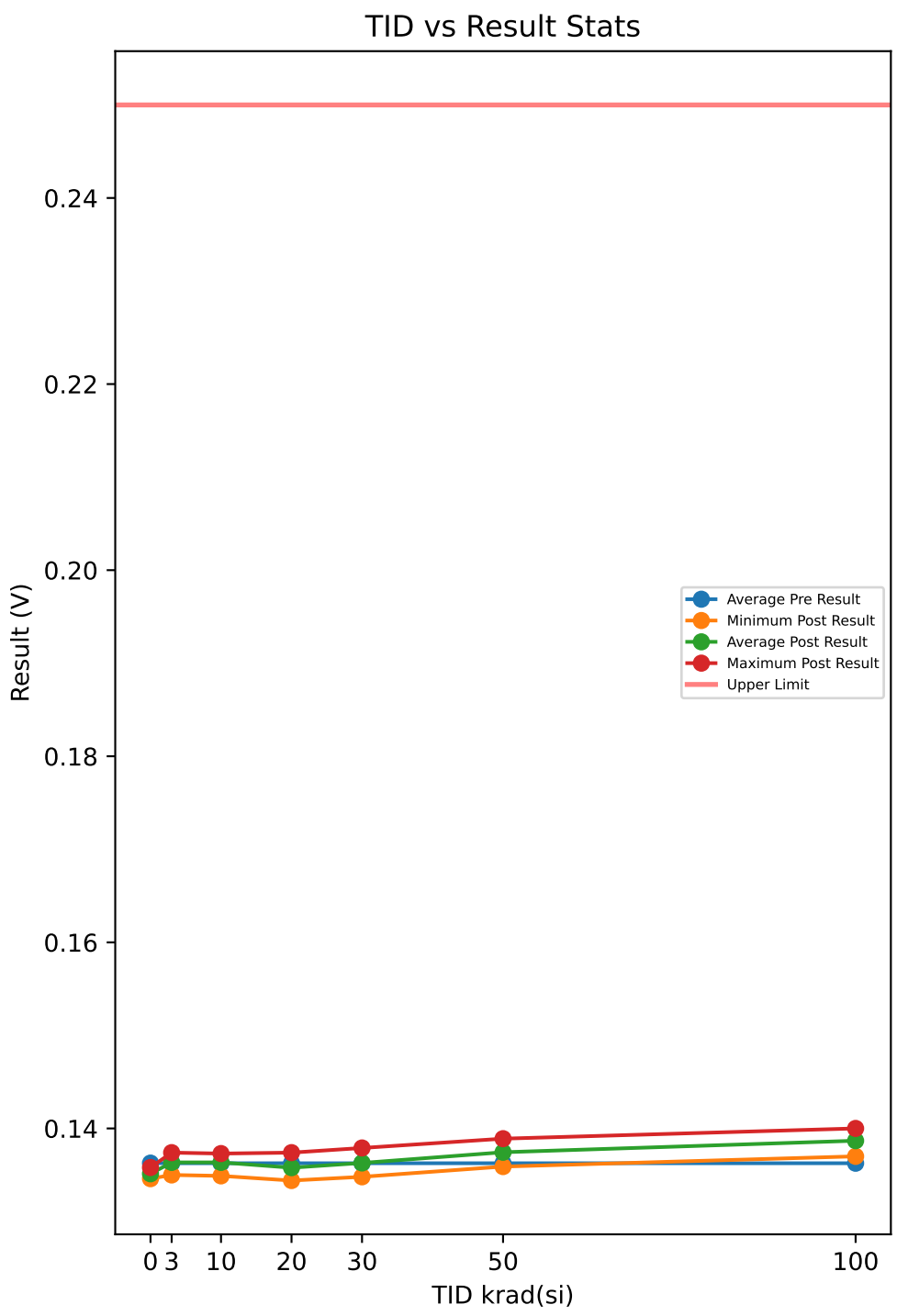
Test Results (Upper Limit = 16.0 (ns))

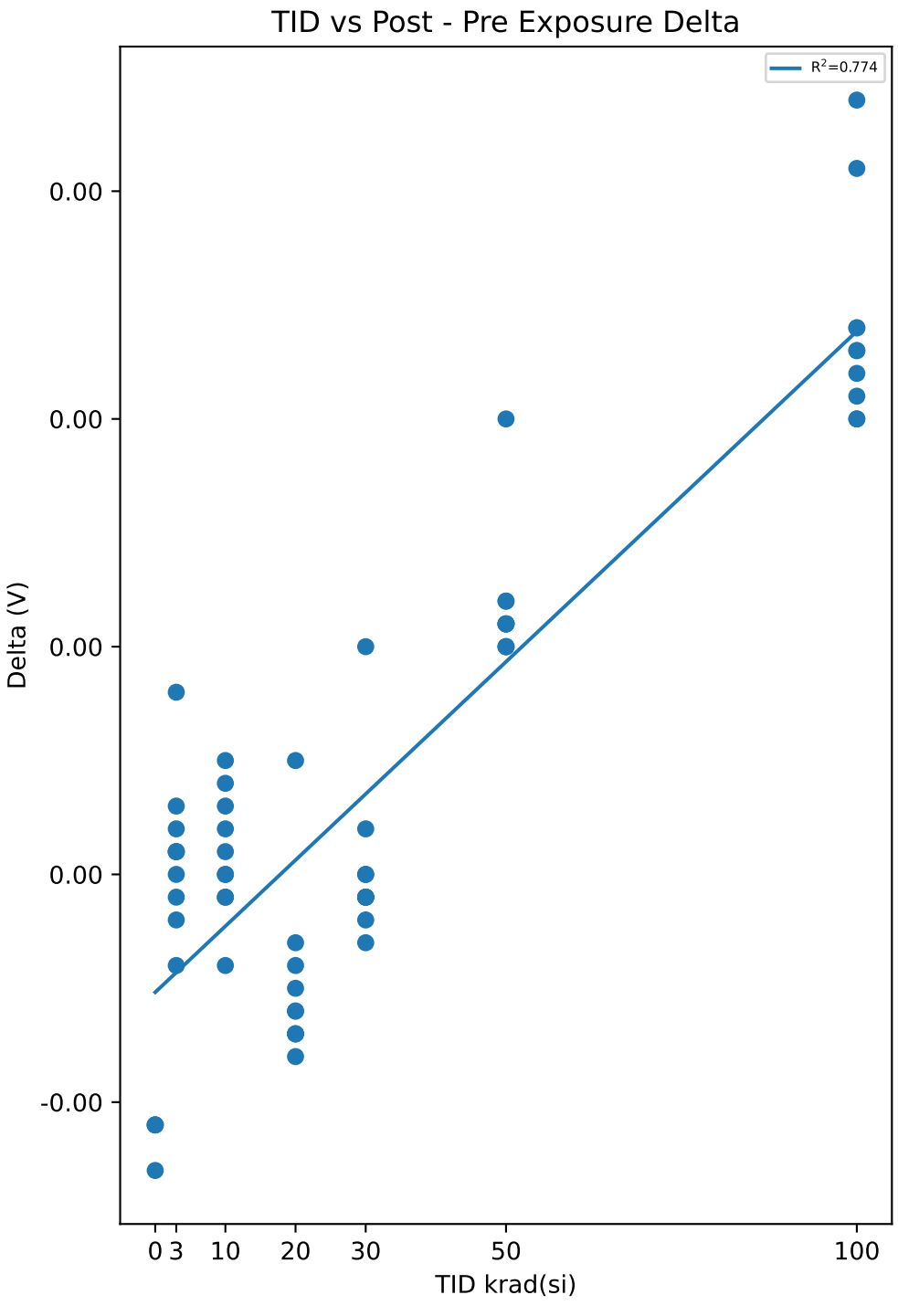
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	8.8713	8.9335	0.0622
2	3	LDR BIAS	9.5584	9.7233	0.1649
3	3	LDR BIAS	9.158	9.132	-0.026
4	3	LDR BIAS	9.1462	9.1551	0.0089
5	3	LDR BIAS	9.0891	9.3233	0.2342
6	3	LDR UNBIAS	9.5251	9.6563	0.1312
7	3	LDR UNBIAS	9.1947	9.1566	-0.0381
8	3	LDR UNBIAS	9.1056	9.0882	-0.0174
9	3	LDR UNBIAS	8.9848	9.0115	0.0267
10	3	LDR UNBIAS	9.6563	9.475	-0.1813
11	0	CORRELATION	9.1936	8.7173	-0.4763
12	0	CORRELATION	9.1322	8.6998	-0.4324
13	0	CORRELATION	8.8987	8.2839	-0.6148
14	0	CORRELATION	9.617	8.6186	-0.9984
21	10	LDR BIAS	8.8713	8.4876	-0.3837
22	10	LDR BIAS	9.5584	8.4887	-1.0697
23	10	LDR BIAS	9.158	8.4302	-0.7278
24	10	LDR BIAS	9.1462	8.5748	-0.5714
25	10	LDR BIAS	9.0891	8.9811	-0.108
26	10	LDR UNBIAS	9.5251	8.4802	-1.0449
27	10	LDR UNBIAS	9.1947	8.6455	-0.5492
28	10	LDR UNBIAS	9.1056	8.4264	-0.6792
29	10	LDR UNBIAS	8.9848	8.9827	-0.0021
30	10	LDR UNBIAS	9.6563	8.7246	-0.9317
31	20	LDR BIAS	8.8713	8.7179	-0.1534
32	20	LDR BIAS	9.5584	9.006	-0.5524
33	20	LDR BIAS	9.158	8.3657	-0.7923
34	20	LDR BIAS	9.1462	8.4909	-0.6553
35	20	LDR BIAS	9.0891	8.7478	-0.3413
36	20	LDR UNBIAS	9.5251	8.9552	-0.5699
37	20	LDR UNBIAS	9.1947	8.3318	-0.8629
38	20	LDR UNBIAS	9.1056	8.4575	-0.6481
39	20	LDR UNBIAS	8.9848	8.7529	-0.2319
40	20	LDR UNBIAS	9.6563	8.9675	-0.6888
41	30	LDR BIAS	8.8713	8.5434	-0.3279
42	30	LDR BIAS	9.5584	8.6955	-0.8629
43	30	LDR BIAS	9.158	8.2261	-0.9319
44	30	LDR BIAS	9.1462	8.5842	-0.562
45	30	LDR BIAS	9.0891	8.6628	-0.4263
46	30	LDR UNBIAS	9.5251	8.7405	-0.7846
47	30	LDR UNBIAS	9.1947	8.2415	-0.9532
48	30	LDR UNBIAS	9.1056	8.506	-0.5996
49	30	LDR UNBIAS	8.9848	8.6284	-0.3564
50	30	LDR UNBIAS	9.6563	8.779	-0.8773
51	50	LDR BIAS	8.8713	8.8602	-0.0111
52	50	LDR BIAS	9.5584	8.9436	-0.6148
53	50	LDR BIAS	9.158	8.9826	-0.1754
54	50	LDR BIAS	9.1462	8.9985	-0.1477
55	50	LDR BIAS	9.0891	8.9281	-0.161
56	50	LDR UNBIAS	9.5251	8.9988	-0.5263
57	50	LDR UNBIAS	9.1947	9.0393	-0.1554
58	50	LDR UNBIAS	9.1056	9.0202	-0.0854
59	50	LDR UNBIAS	8.9848	8.98	-0.0048
60	50	LDR UNBIAS	9.6563	8.9749	-0.6814
61	100	LDR BIAS	8.8713	9.1444	0.2731
62	100	LDR BIAS	9.5584	9.2071	-0.3513
63	100	LDR BIAS	9.158	9.2023	0.0443
64	100	LDR BIAS	9.1462	9.2408	0.0946
65	100	LDR BIAS	9.0891	9.2707	0.1816
66	100	LDR UNBIAS	9.5251	9.246	-0.2791
67	100	LDR UNBIAS	9.1947	9.1686	-0.0261
68	100	LDR UNBIAS	9.1056	9.1662	0.0606
69	100	LDR UNBIAS	8.9848	9.2299	0.2451
70	100	LDR UNBIAS	9.6563	9.2382	-0.4181

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.8987	9.2104	9.617	0.29938	8.2839	8.5799	8.7173	0.20196	-0.9984	-0.63048	-0.4324	0.25731
3	8.8713	9.229	9.6563	0.26124	8.9335	9.2655	9.7233	0.2703	-0.1813	0.03653	0.2342	0.11826
10	8.8713	9.229	9.6563	0.26124	8.4264	8.6222	8.9827	0.2117	-1.0697	-0.60677	-0.0021	0.36522
20	8.8713	9.229	9.6563	0.26124	8.3318	8.6793	9.006	0.25414	-0.8629	-0.54963	-0.1534	0.23547
30	8.8713	9.229	9.6563	0.26124	8.2261	8.5607	8.779	0.19173	-0.9532	-0.66821	-0.3279	0.24346
50	8.8713	9.229	9.6563	0.26124	8.8602	8.9726	9.0393	0.051302	-0.6814	-0.25633	-0.0048	0.25217
100	8.8713	9.229	9.6563	0.26124	9.1444	9.2114	9.2707	0.040966	-0.4181	-0.01753	0.2731	0.24854

Device Test: 24.2 LEVEL|HIGH_LEVEL/OUTH/4.5/4.5/0/0/4.5/500kHz//@OUT_VOH





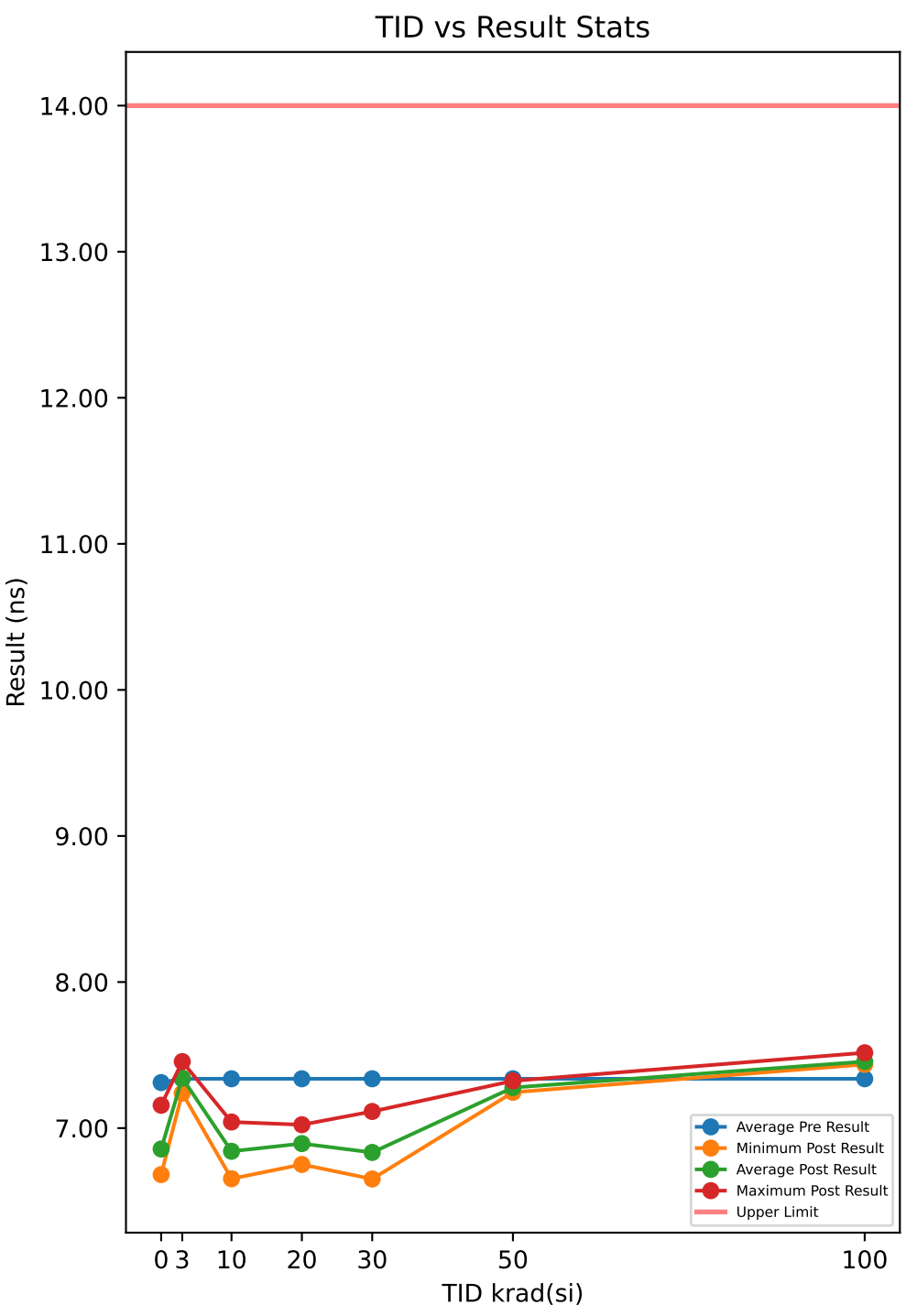
Test Results (Upper Limit = 0.25 (V))

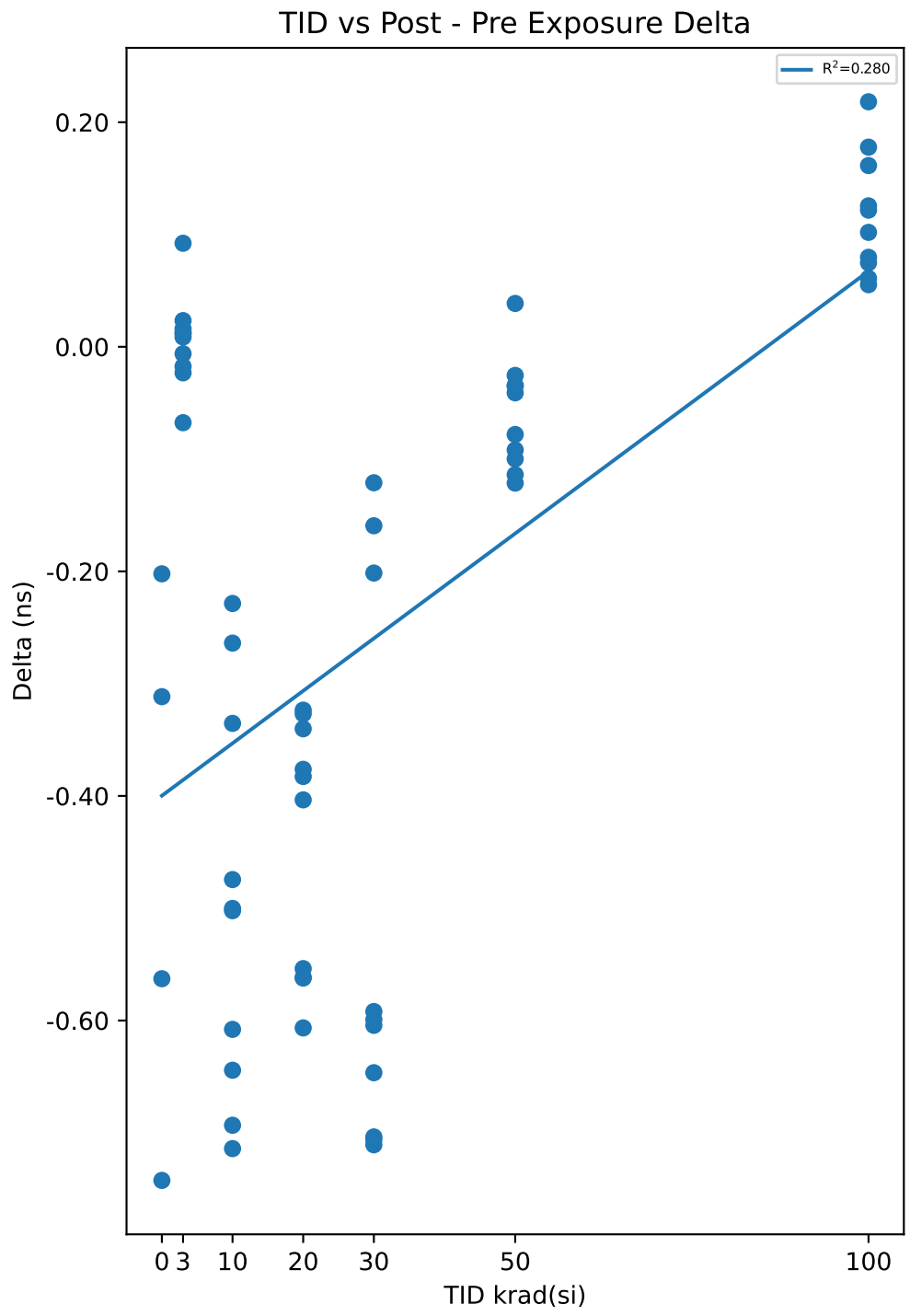
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.1349	0.135	0.0001
2	3	LDR BIAS	0.1363	0.1371	0.0008
3	3	LDR BIAS	0.1369	0.1367	-0.0002
4	3	LDR BIAS	0.1367	0.1368	0.0001
5	3	LDR BIAS	0.1372	0.1374	0.0002
6	3	LDR UNBIAS	0.1366	0.1366	0
7	3	LDR UNBIAS	0.1362	0.1365	0.0003
8	3	LDR UNBIAS	0.1349	0.135	0.0001
9	3	LDR UNBIAS	0.1372	0.1371	-0.0001
10	3	LDR UNBIAS	0.1357	0.1353	-0.0004
11	0	CORRELATION	0.136	0.1349	-0.0011
12	0	CORRELATION	0.1359	0.1346	-0.0013
13	0	CORRELATION	0.1363	0.1352	-0.0011
14	0	CORRELATION	0.1369	0.1358	-0.0011
21	10	LDR BIAS	0.1349	0.1351	0.0002
22	10	LDR BIAS	0.1363	0.1368	0.0005
23	10	LDR BIAS	0.1369	0.1373	0.0004
24	10	LDR BIAS	0.1367	0.137	0.0003
25	10	LDR BIAS	0.1372	0.1372	0
26	10	LDR UNBIAS	0.1366	0.1367	0.0001
27	10	LDR UNBIAS	0.1362	0.1361	-0.0001
28	10	LDR UNBIAS	0.1349	0.1349	0
29	10	LDR UNBIAS	0.1372	0.1368	-0.0004
30	10	LDR UNBIAS	0.1357	0.1356	-0.0001
31	20	LDR BIAS	0.1349	0.1345	-0.0004
32	20	LDR BIAS	0.1363	0.1355	-0.0008
33	20	LDR BIAS	0.1369	0.1374	0.0005
34	20	LDR BIAS	0.1367	0.1361	-0.0006
35	20	LDR BIAS	0.1372	0.1369	-0.0003
36	20	LDR UNBIAS	0.1366	0.1359	-0.0007
37	20	LDR UNBIAS	0.1362	0.1355	-0.0007
38	20	LDR UNBIAS	0.1349	0.1344	-0.0005
39	20	LDR UNBIAS	0.1372	0.1366	-0.0006
40	20	LDR UNBIAS	0.1357	0.135	-0.0007
41	30	LDR BIAS	0.1349	0.1349	0
42	30	LDR BIAS	0.1363	0.136	-0.0003
43	30	LDR BIAS	0.1369	0.1379	0.001
44	30	LDR BIAS	0.1367	0.1366	-0.0001
45	30	LDR BIAS	0.1372	0.1372	0
46	30	LDR UNBIAS	0.1366	0.1365	-0.0001
47	30	LDR UNBIAS	0.1362	0.1364	0.0002
48	30	LDR UNBIAS	0.1349	0.1348	-0.0001
49	30	LDR UNBIAS	0.1372	0.137	-0.0002
50	30	LDR UNBIAS	0.1357	0.1356	-0.0001
51	50	LDR BIAS	0.1349	0.1359	0.001
52	50	LDR BIAS	0.1363	0.1373	0.001
53	50	LDR BIAS	0.1369	0.1389	0.002
54	50	LDR BIAS	0.1367	0.1378	0.0011
55	50	LDR BIAS	0.1372	0.1383	0.0011
56	50	LDR UNBIAS	0.1366	0.1377	0.0011
57	50	LDR UNBIAS	0.1362	0.1373	0.0011
58	50	LDR UNBIAS	0.1349	0.1361	0.0012
59	50	LDR UNBIAS	0.1372	0.1382	0.001
60	50	LDR UNBIAS	0.1357	0.1369	0.0012
61	100	LDR BIAS	0.1349	0.137	0.0021
62	100	LDR BIAS	0.1363	0.1387	0.0024
63	100	LDR BIAS	0.1369	0.14	0.0031
64	100	LDR BIAS	0.1367	0.139	0.0023
65	100	LDR BIAS	0.1372	0.1395	0.0023
66	100	LDR UNBIAS	0.1366	0.139	0.0024
67	100	LDR UNBIAS	0.1362	0.1382	0.002
68	100	LDR UNBIAS	0.1349	0.1371	0.0022
69	100	LDR UNBIAS	0.1372	0.1392	0.002
70	100	LDR UNBIAS	0.1357	0.1391	0.0034

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	0.1359	0.13628	0.1369	0.00045	0.1346	0.13512	0.1358	0.00051235	-0.0013	-0.00115	-0.0011	0.0001
3	0.1349	0.13626	0.1372	0.0008501	0.135	0.13635	0.1374	0.00090585	-0.0004	9e-05	0.0008	0.00032128
10	0.1349	0.13626	0.1372	0.0008501	0.1349	0.13635	0.1373	0.00087337	-0.0004	9e-05	0.0005	0.00026854
20	0.1349	0.13626	0.1372	0.0008501	0.1344	0.13578	0.1374	0.00099867	-0.0008	-0.00048	0.0005	0.00037653
30	0.1349	0.13626	0.1372	0.0008501	0.1348	0.13629	0.1379	0.00098821	-0.0003	3e-05	0.001	0.0003653
50	0.1349	0.13626	0.1372	0.0008501	0.1359	0.13744	0.1389	0.00095126	0.001	0.00118	0.002	0.0002974
100	0.1349	0.13626	0.1372	0.0008501	0.137	0.13868	0.14	0.00097843	0.002	0.00242	0.0034	0.00046619

Device Test: 24.20 TIMING|OUT_FALL/OUTH/5/12/0/1000/5/500kHz//@OUT_FALL_LDO





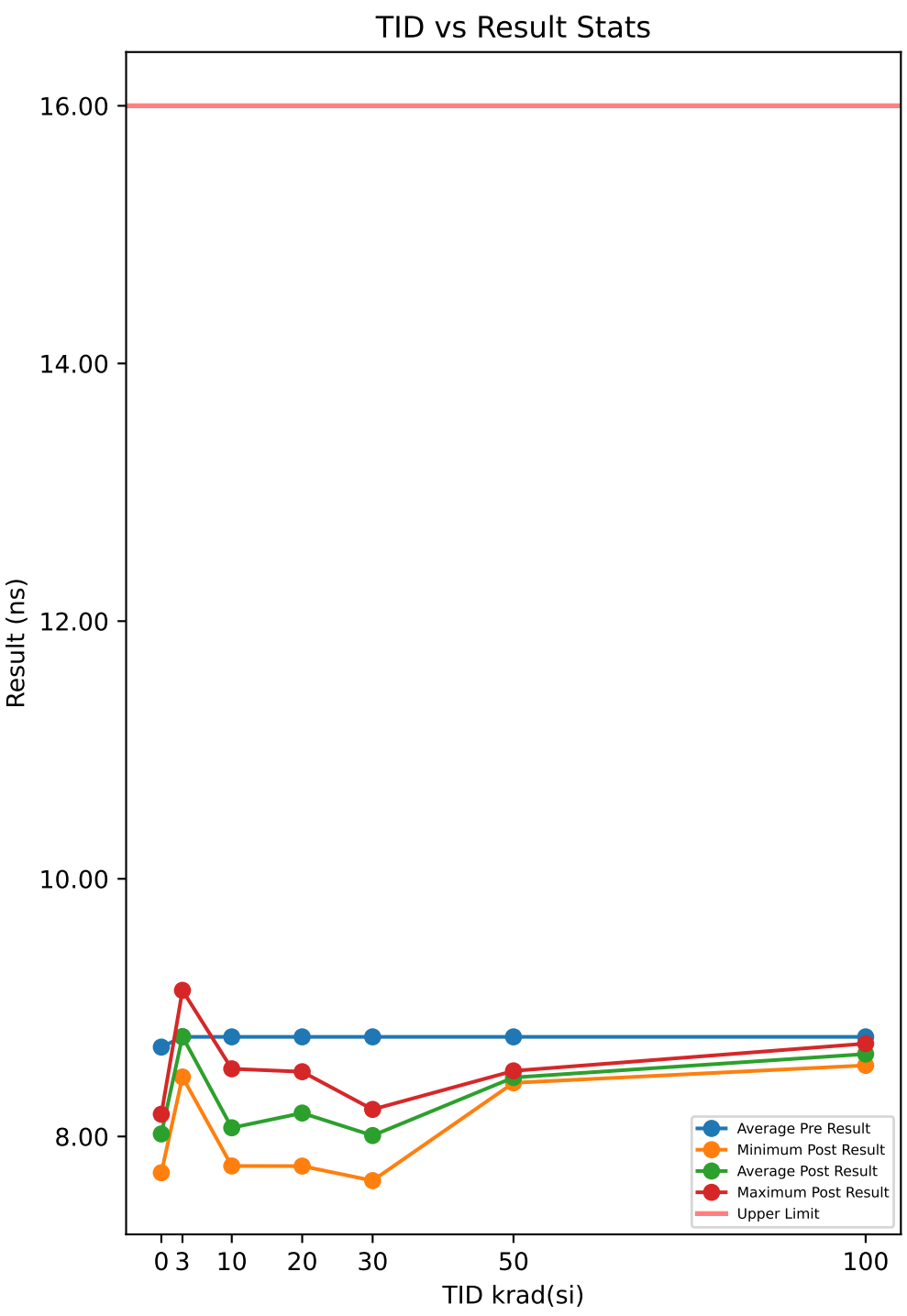
Test Results (Upper Limit = 14.0 (ns))

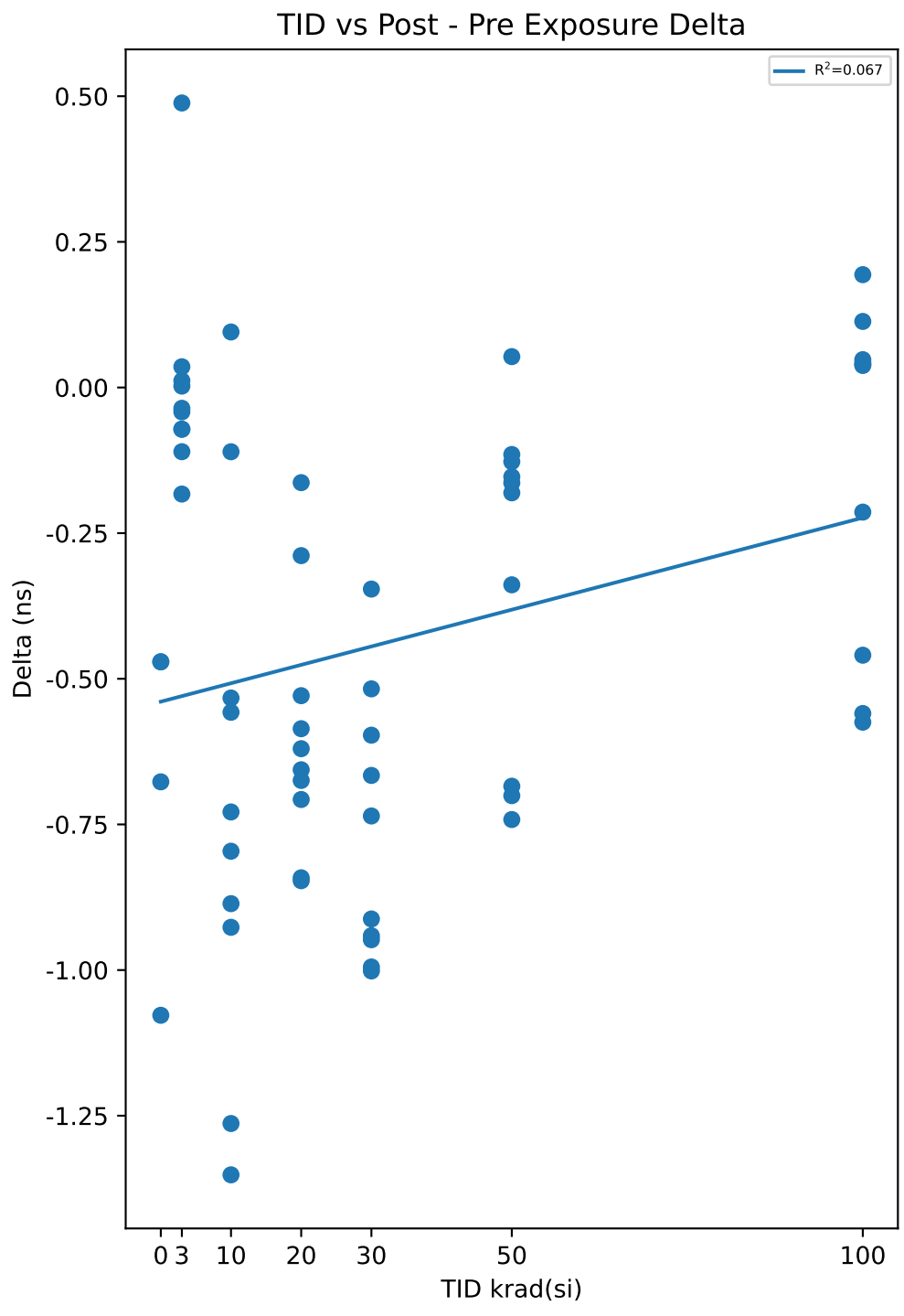
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	7.3153	7.2477	-0.0676
2	3	LDR BIAS	7.3633	7.4555	0.0922
3	3	LDR BIAS	7.3545	7.3666	0.0121
4	3	LDR BIAS	7.3674	7.3442	-0.0232
5	3	LDR BIAS	7.2704	7.2642	-0.0062
6	3	LDR UNBIAS	7.3653	7.3886	0.0233
7	3	LDR UNBIAS	7.3577	7.3664	0.0087
8	3	LDR UNBIAS	7.3853	7.3678	-0.0175
9	3	LDR UNBIAS	7.2234	7.2395	0.0161
10	3	LDR UNBIAS	7.375	7.3875	0.0125
11	0	CORRELATION	7.3586	7.1564	-0.2022
12	0	CORRELATION	7.3795	6.8167	-0.5628
13	0	CORRELATION	7.0844	6.7728	-0.3116
14	0	CORRELATION	7.4241	6.6817	-0.7424
21	10	LDR BIAS	7.3153	6.8408	-0.4745
22	10	LDR BIAS	7.3633	6.719	-0.6443
23	10	LDR BIAS	7.3545	6.8543	-0.5002
24	10	LDR BIAS	7.3674	6.6533	-0.7141
25	10	LDR BIAS	7.2704	7.0418	-0.2286
26	10	LDR UNBIAS	7.3653	6.672	-0.6933
27	10	LDR UNBIAS	7.3577	6.8555	-0.5022
28	10	LDR UNBIAS	7.3853	6.7774	-0.6079
29	10	LDR UNBIAS	7.2234	6.9595	-0.2639
30	10	LDR UNBIAS	7.375	7.0396	-0.3354
31	20	LDR BIAS	7.3153	6.9118	-0.4035
32	20	LDR BIAS	7.3633	7.0231	-0.3402
33	20	LDR BIAS	7.3545	6.8007	-0.5538
34	20	LDR BIAS	7.3674	6.8058	-0.5616
35	20	LDR BIAS	7.2704	6.9468	-0.3236
36	20	LDR UNBIAS	7.3653	6.989	-0.3763
37	20	LDR UNBIAS	7.3577	6.7511	-0.6066
38	20	LDR UNBIAS	7.3853	6.8231	-0.5622
39	20	LDR UNBIAS	7.2234	6.8965	-0.3269
40	20	LDR UNBIAS	7.375	6.9923	-0.3827
41	30	LDR BIAS	7.3153	7.1138	-0.2015
42	30	LDR BIAS	7.3633	6.7713	-0.592
43	30	LDR BIAS	7.3545	6.708	-0.6465
44	30	LDR BIAS	7.3674	6.6567	-0.7107
45	30	LDR BIAS	7.2704	7.111	-0.1594
46	30	LDR UNBIAS	7.3653	6.7661	-0.5992
47	30	LDR UNBIAS	7.3577	6.6516	-0.7061
48	30	LDR UNBIAS	7.3853	6.6816	-0.7037
49	30	LDR UNBIAS	7.2234	7.1023	-0.1211
50	30	LDR UNBIAS	7.375	6.7707	-0.6043
51	50	LDR BIAS	7.3153	7.2805	-0.0348
52	50	LDR BIAS	7.3633	7.2852	-0.0781
53	50	LDR BIAS	7.3545	7.3135	-0.041
54	50	LDR BIAS	7.3674	7.2676	-0.0998
55	50	LDR BIAS	7.2704	7.2449	-0.0255
56	50	LDR UNBIAS	7.3653	7.2514	-0.1139
57	50	LDR UNBIAS	7.3577	7.3232	-0.0345
58	50	LDR UNBIAS	7.3853	7.2639	-0.1214
59	50	LDR UNBIAS	7.2234	7.262	0.0386
60	50	LDR UNBIAS	7.375	7.2831	-0.0919
61	100	LDR BIAS	7.3153	7.4408	0.1255
62	100	LDR BIAS	7.3633	7.485	0.1217
63	100	LDR BIAS	7.3545	7.5159	0.1614
64	100	LDR BIAS	7.3674	7.4422	0.0748
65	100	LDR BIAS	7.2704	7.4482	0.1778
66	100	LDR UNBIAS	7.3653	7.445	0.0797
67	100	LDR UNBIAS	7.3577	7.4596	0.1019
68	100	LDR UNBIAS	7.3853	7.4406	0.0553
69	100	LDR UNBIAS	7.2234	7.4416	0.2182
70	100	LDR UNBIAS	7.375	7.436	0.061

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0844	7.3117	7.4241	0.15394	6.6817	6.8569	7.1564	0.20743	-0.7424	-0.45475	-0.2022	0.24406
3	7.2234	7.3378	7.3853	0.052423	7.2395	7.3428	7.4555	0.07027	-0.0676	0.00504	0.0922	0.040661
10	7.2234	7.3378	7.3853	0.052423	6.6533	6.8413	7.0418	0.1402	-0.7141	-0.49644	-0.2286	0.17407
20	7.2234	7.3378	7.3853	0.052423	6.7511	6.894	7.0231	0.094515	-0.6066	-0.44374	-0.3236	0.11317
30	7.2234	7.3378	7.3853	0.052423	6.6516	6.8333	7.1138	0.19532	-0.7107	-0.50445	-0.1211	0.24209
50	7.2234	7.3378	7.3853	0.052423	7.2449	7.2775	7.3232	0.025279	-0.1214	-0.06023	0.0386	0.049623
100	7.2234	7.3378	7.3853	0.052423	7.436	7.4555	7.5159	0.025576	0.0553	0.11773	0.2182	0.0541

Device Test: 24.21 TIMING|OUT_RISE/OUTH/5.5/12/0/1000/5.5/500kHz//@OUT_RISE_LDO





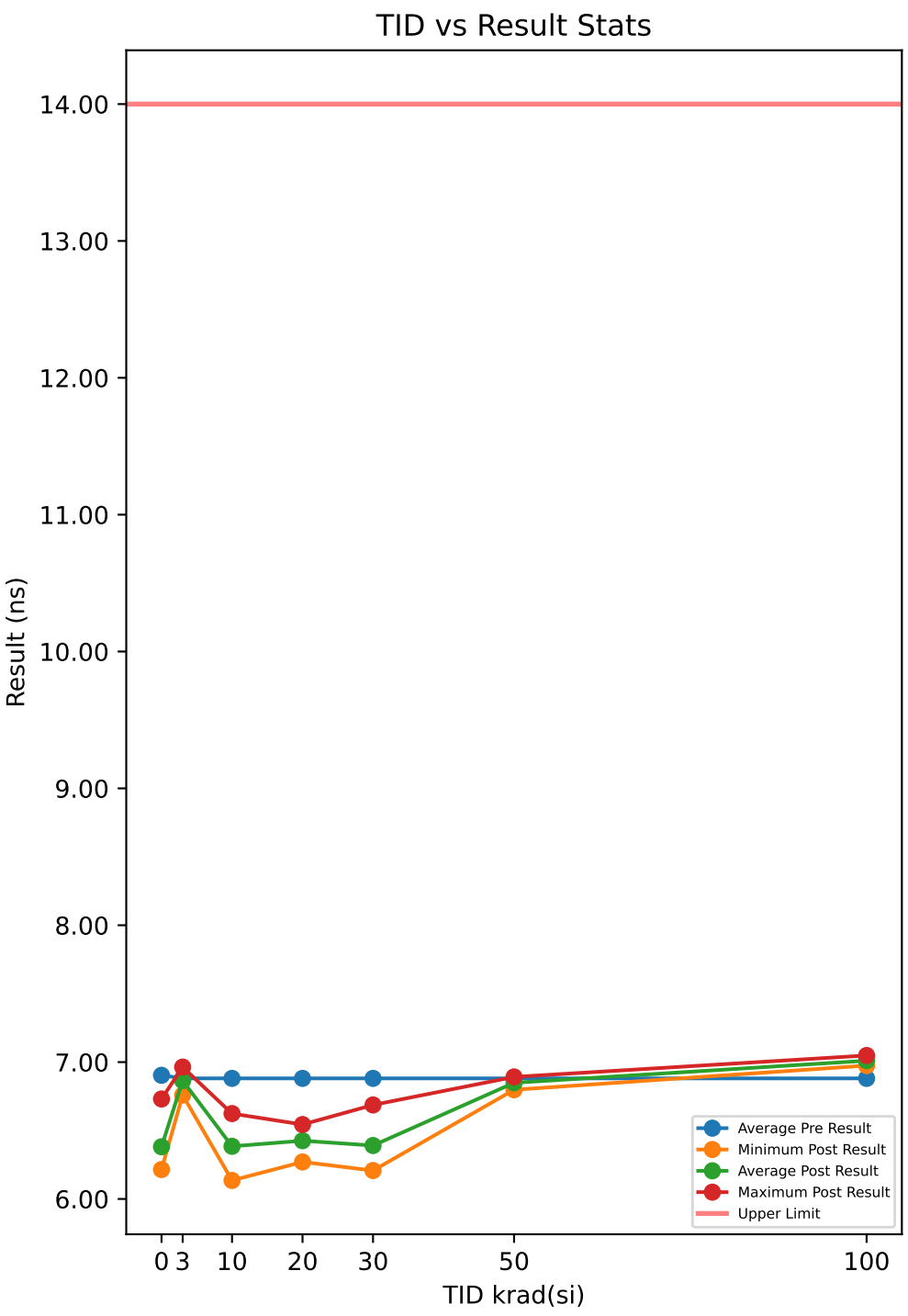
Test Results (Upper Limit = 16.0 (ns))

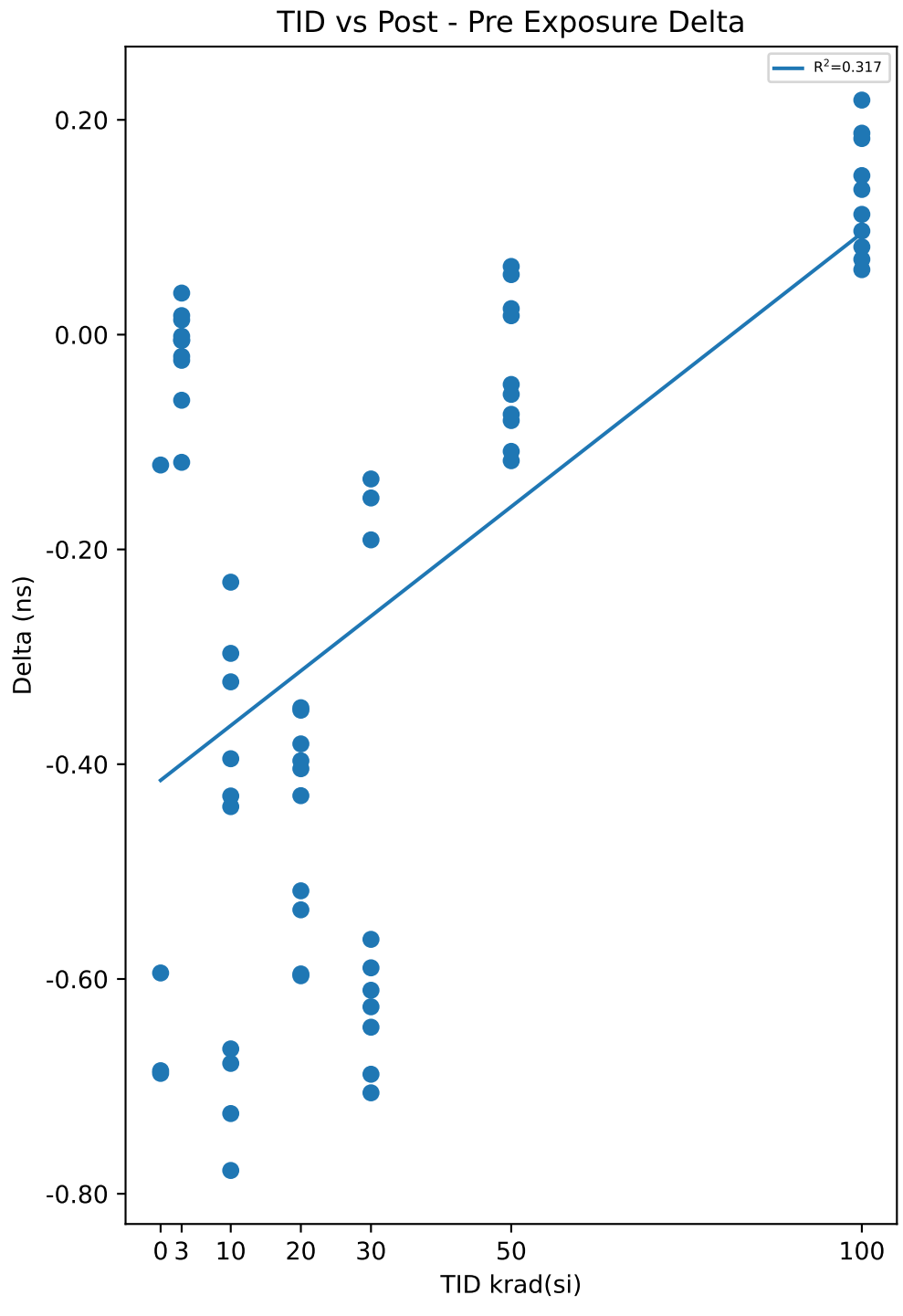
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	8.7657	8.8013	0.0356
2	3	LDR BIAS	9.1225	9.1342	0.0117
3	3	LDR BIAS	8.652	8.5804	-0.0716
4	3	LDR BIAS	8.6075	8.6099	0.0024
5	3	LDR BIAS	8.5718	8.4616	-0.1102
6	3	LDR UNBIAS	9.1579	9.0864	-0.0715
7	3	LDR UNBIAS	8.6168	8.575	-0.0418
8	3	LDR UNBIAS	8.6144	8.5787	-0.0357
9	3	LDR UNBIAS	8.4299	8.9183	0.4884
10	3	LDR UNBIAS	9.1936	9.0107	-0.1829
11	0	CORRELATION	8.6342	8.1634	-0.4708
12	0	CORRELATION	8.6435	8.1726	-0.4709
13	0	CORRELATION	8.3953	7.7184	-0.6769
14	0	CORRELATION	9.1023	8.0247	-1.0776
21	10	LDR BIAS	8.7657	7.8391	-0.9266
22	10	LDR BIAS	9.1225	7.771	-1.3515
23	10	LDR BIAS	8.652	8.0945	-0.5575
24	10	LDR BIAS	8.6075	7.8789	-0.7286
25	10	LDR BIAS	8.5718	8.4615	-0.1103
26	10	LDR UNBIAS	9.1579	7.8945	-1.2634
27	10	LDR UNBIAS	8.6168	8.0838	-0.533
28	10	LDR UNBIAS	8.6144	7.8184	-0.796
29	10	LDR UNBIAS	8.4299	8.5252	0.0953
30	10	LDR UNBIAS	9.1936	8.3076	-0.886
31	20	LDR BIAS	8.7657	8.2367	-0.529
32	20	LDR BIAS	9.1225	8.5025	-0.62
33	20	LDR BIAS	8.652	7.8104	-0.8416
34	20	LDR BIAS	8.6075	8.0218	-0.5857
35	20	LDR BIAS	8.5718	8.2832	-0.2886
36	20	LDR UNBIAS	9.1579	8.4834	-0.6745
37	20	LDR UNBIAS	8.6168	7.7702	-0.8466
38	20	LDR UNBIAS	8.6144	7.9582	-0.6562
39	20	LDR UNBIAS	8.4299	8.2666	-0.1633
40	20	LDR UNBIAS	9.1936	8.4864	-0.7072
41	30	LDR BIAS	8.7657	8.0302	-0.7355
42	30	LDR BIAS	9.1225	8.1814	-0.9411
43	30	LDR BIAS	8.652	7.6573	-0.9947
44	30	LDR BIAS	8.6075	8.0107	-0.5968
45	30	LDR BIAS	8.5718	8.0545	-0.5173
46	30	LDR UNBIAS	9.1579	8.21	-0.9479
47	30	LDR UNBIAS	8.6168	7.7045	-0.9123
48	30	LDR UNBIAS	8.6144	7.9485	-0.6659
49	30	LDR UNBIAS	8.4299	8.0839	-0.346
50	30	LDR UNBIAS	9.1936	8.1921	-1.0015
51	50	LDR BIAS	8.7657	8.427	-0.3387
52	50	LDR BIAS	9.1225	8.4219	-0.7006
53	50	LDR BIAS	8.652	8.4987	-0.1533
54	50	LDR BIAS	8.6075	8.4267	-0.1808
55	50	LDR BIAS	8.5718	8.4568	-0.115
56	50	LDR UNBIAS	9.1579	8.4163	-0.7416
57	50	LDR UNBIAS	8.6168	8.4531	-0.1637
58	50	LDR UNBIAS	8.6144	8.4871	-0.1273
59	50	LDR UNBIAS	8.4299	8.4829	0.053
60	50	LDR UNBIAS	9.1936	8.5092	-0.6844
61	100	LDR BIAS	8.7657	8.5518	-0.2139
62	100	LDR BIAS	9.1225	8.663	-0.4595
63	100	LDR BIAS	8.652	8.6942	0.0422
64	100	LDR BIAS	8.6075	8.7209	0.1134
65	100	LDR BIAS	8.5718	8.6196	0.0478
66	100	LDR UNBIAS	9.1579	8.5834	-0.5745
67	100	LDR UNBIAS	8.6168	8.6564	0.0396
68	100	LDR UNBIAS	8.6144	8.6522	0.0378
69	100	LDR UNBIAS	8.4299	8.6236	0.1937
70	100	LDR UNBIAS	9.1936	8.634	-0.5596

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.3953	8.6938	9.1023	0.29555	7.7184	8.0198	8.1726	0.212	-1.0776	-0.67405	-0.4708	0.28603
3	8.4299	8.7732	9.1936	0.2783	8.4616	8.7757	9.1342	0.246	-0.1829	0.00244	0.4884	0.18219
10	8.4299	8.7732	9.1936	0.2783	7.771	8.0674	8.5252	0.27709	-1.3515	-0.70576	0.0953	0.45533
20	8.4299	8.7732	9.1936	0.2783	7.7702	8.1819	8.5025	0.27689	-0.8466	-0.59127	-0.1633	0.21907
30	8.4299	8.7732	9.1936	0.2783	7.6573	8.0073	8.21	0.19201	-1.0015	-0.7659	-0.346	0.2287
50	8.4299	8.7732	9.1936	0.2783	8.4163	8.458	8.5092	0.034566	-0.7416	-0.31524	0.053	0.28779
100	8.4299	8.7732	9.1936	0.2783	8.5518	8.6399	8.7209	0.049591	-0.5745	-0.1333	0.1937	0.29436

Device Test: 24.22 TIMING|OUT_FALL/OUTH/5.5/12/0/1000/5.5/500kHz//@OUT_FALL_LDO





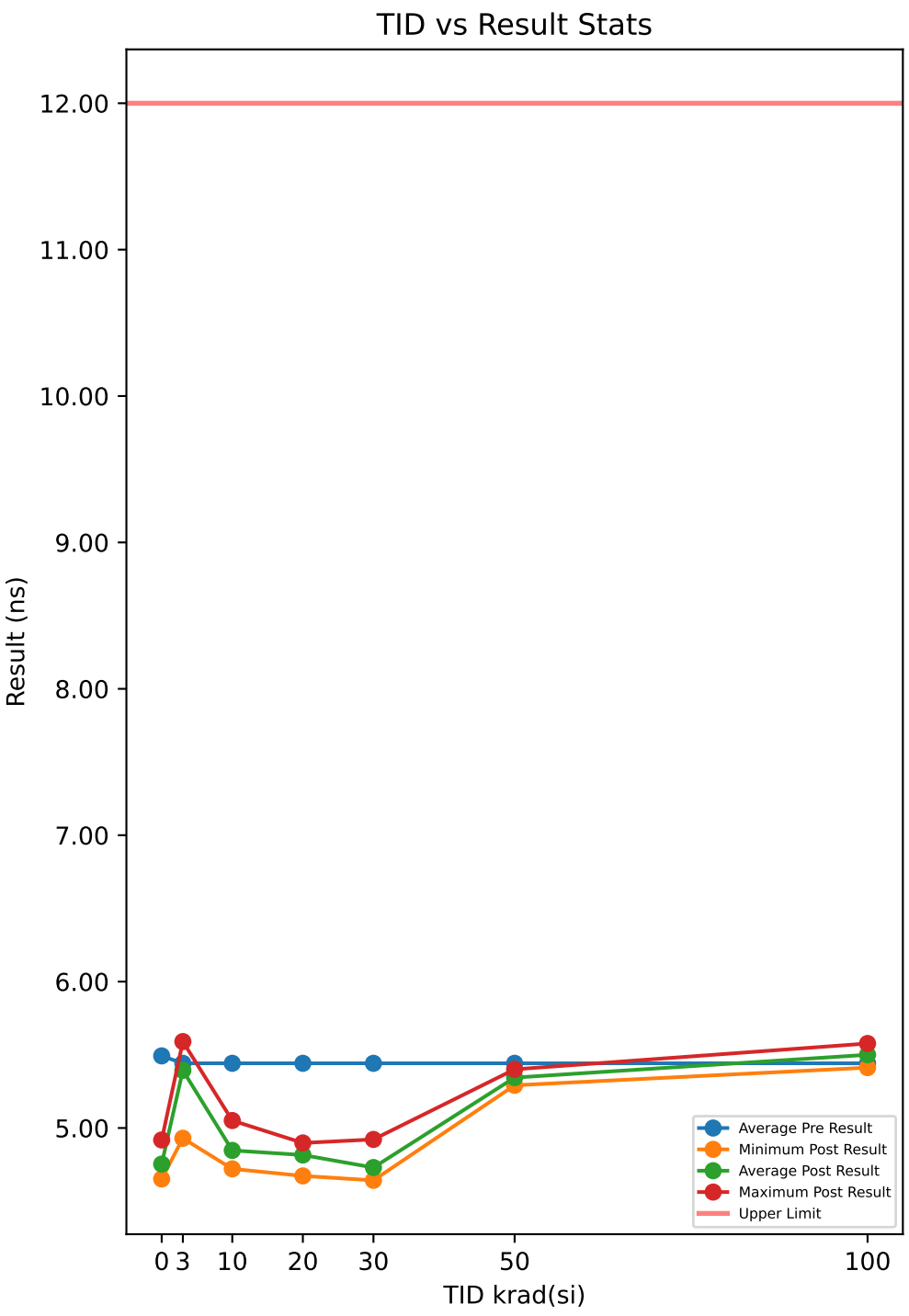
Test Results (Upper Limit = 14.0 (ns))

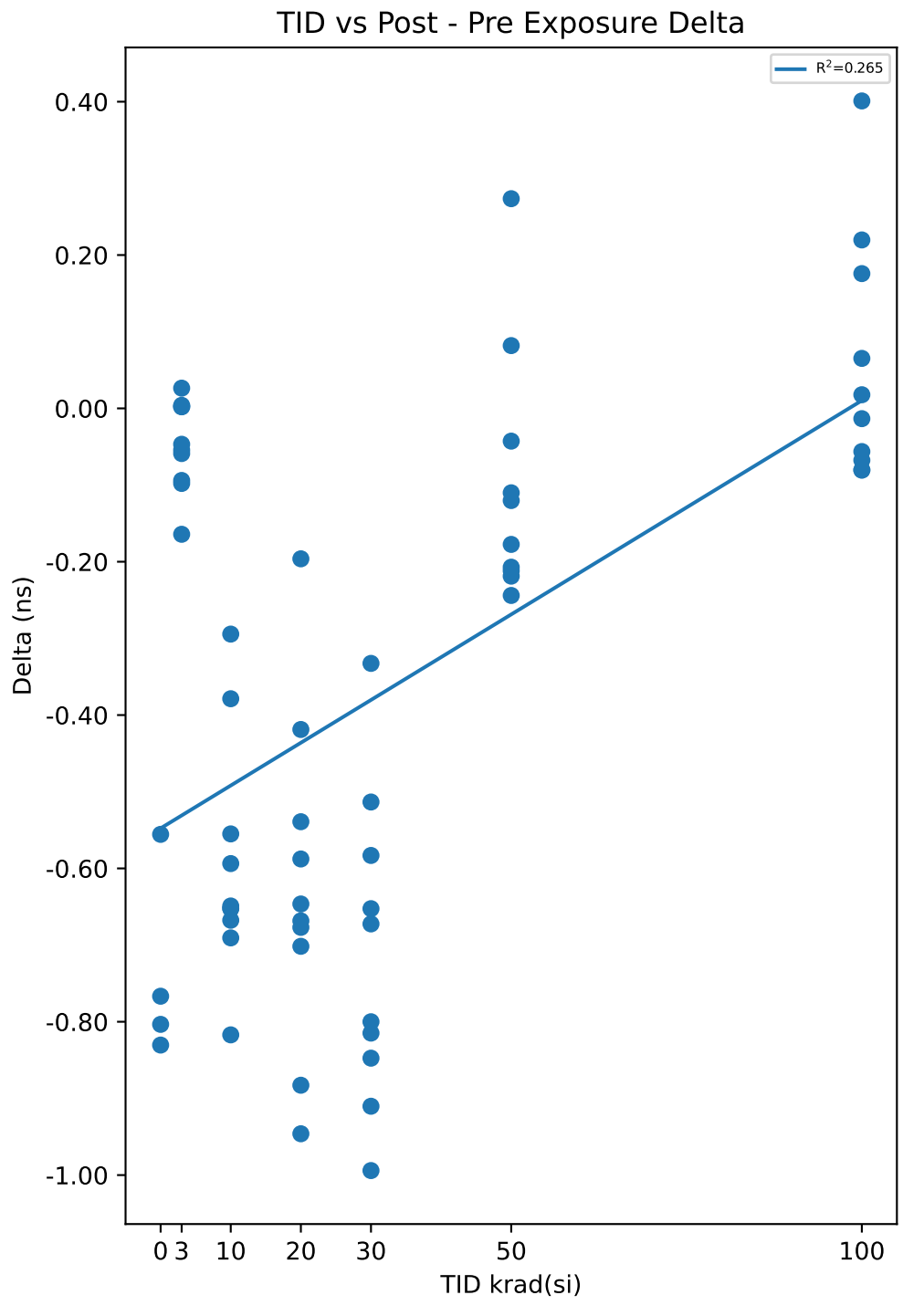
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	6.7894	6.7879	-0.0015
2	3	LDR BIAS	6.925	6.9637	0.0387
3	3	LDR BIAS	6.8657	6.8418	-0.0239
4	3	LDR BIAS	6.9136	6.9273	0.0137
5	3	LDR BIAS	6.878	6.7591	-0.1189
6	3	LDR UNBIAS	6.9152	6.8949	-0.0203
7	3	LDR UNBIAS	6.8741	6.8918	0.0177
8	3	LDR UNBIAS	6.9149	6.9097	-0.0052
9	3	LDR UNBIAS	6.7871	6.7818	-0.0053
10	3	LDR UNBIAS	6.9472	6.8861	-0.0611
11	0	CORRELATION	6.8519	6.7305	-0.1214
12	0	CORRELATION	6.9265	6.3321	-0.5944
13	0	CORRELATION	6.9028	6.2149	-0.6879
14	0	CORRELATION	6.9333	6.2479	-0.6854
21	10	LDR BIAS	6.7894	6.3945	-0.3949
22	10	LDR BIAS	6.925	6.2464	-0.6786
23	10	LDR BIAS	6.8657	6.4361	-0.4296
24	10	LDR BIAS	6.9136	6.1353	-0.7783
25	10	LDR BIAS	6.878	6.5812	-0.2968
26	10	LDR UNBIAS	6.9152	6.1899	-0.7253
27	10	LDR UNBIAS	6.8741	6.4346	-0.4395
28	10	LDR UNBIAS	6.9149	6.2498	-0.6651
29	10	LDR UNBIAS	6.7871	6.5566	-0.2305
30	10	LDR UNBIAS	6.9472	6.6239	-0.3233
31	20	LDR BIAS	6.7894	6.4397	-0.3497
32	20	LDR BIAS	6.925	6.5439	-0.3811
33	20	LDR BIAS	6.8657	6.2704	-0.5953
34	20	LDR BIAS	6.9136	6.3957	-0.5179
35	20	LDR BIAS	6.878	6.4738	-0.4042
36	20	LDR UNBIAS	6.9152	6.5184	-0.3968
37	20	LDR UNBIAS	6.8741	6.2771	-0.597
38	20	LDR UNBIAS	6.9149	6.3793	-0.5356
39	20	LDR UNBIAS	6.7871	6.4397	-0.3474
40	20	LDR UNBIAS	6.9472	6.5179	-0.4293
41	30	LDR BIAS	6.7894	6.655	-0.1344
42	30	LDR BIAS	6.925	6.3354	-0.5896
43	30	LDR BIAS	6.8657	6.2398	-0.6259
44	30	LDR BIAS	6.9136	6.2076	-0.706
45	30	LDR BIAS	6.878	6.6869	-0.1911
46	30	LDR UNBIAS	6.9152	6.3047	-0.6105
47	30	LDR UNBIAS	6.8741	6.311	-0.5631
48	30	LDR UNBIAS	6.9149	6.2262	-0.6887
49	30	LDR UNBIAS	6.7871	6.635	-0.1521
50	30	LDR UNBIAS	6.9472	6.3023	-0.6449
51	50	LDR BIAS	6.7894	6.8453	0.0559
52	50	LDR BIAS	6.925	6.8508	-0.0742
53	50	LDR BIAS	6.8657	6.8899	0.0242
54	50	LDR BIAS	6.9136	6.8672	-0.0464
55	50	LDR BIAS	6.878	6.8224	-0.0556
56	50	LDR UNBIAS	6.9152	6.7978	-0.1174
57	50	LDR UNBIAS	6.8741	6.8917	0.0176
58	50	LDR UNBIAS	6.9149	6.8349	-0.08
59	50	LDR UNBIAS	6.7871	6.8506	0.0635
60	50	LDR UNBIAS	6.9472	6.8385	-0.1087
61	100	LDR BIAS	6.7894	7.0078	0.2184
62	100	LDR BIAS	6.925	7.037	0.112
63	100	LDR BIAS	6.8657	7.0483	0.1826
64	100	LDR BIAS	6.9136	7.0101	0.0965
65	100	LDR BIAS	6.878	7.0132	0.1352
66	100	LDR UNBIAS	6.9152	6.9853	0.0701
67	100	LDR UNBIAS	6.8741	7.0222	0.1481
68	100	LDR UNBIAS	6.9149	6.9966	0.0817
69	100	LDR UNBIAS	6.7871	6.9747	0.1876
70	100	LDR UNBIAS	6.9472	7.0077	0.0605

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.8519	6.9036	6.9333	0.036878	6.2149	6.3813	6.7305	0.23794	-0.6879	-0.52228	-0.1214	0.27077
3	6.7871	6.881	6.9472	0.054973	6.7591	6.8644	6.9637	0.068552	-0.1189	-0.01661	0.0387	0.044908
10	6.7871	6.881	6.9472	0.054973	6.1353	6.3848	6.6239	0.17259	-0.7783	-0.49619	-0.2305	0.19777
20	6.7871	6.881	6.9472	0.054973	6.2704	6.4256	6.5439	0.096046	-0.597	-0.45543	-0.3474	0.097214
30	6.7871	6.881	6.9472	0.054973	6.2076	6.3904	6.6869	0.1901	-0.706	-0.49063	-0.1344	0.23294
50	6.7871	6.881	6.9472	0.054973	6.7978	6.8489	6.8917	0.028838	-0.1174	-0.03211	0.0635	0.067074
100	6.7871	6.881	6.9472	0.054973	6.9747	7.0103	7.0483	0.022111	0.0605	0.12927	0.2184	0.054207

Device Test: 24.23 TIMING|OUT_RISE/OUTH/4.5/12/0/220/4.5/500kHz//@OUT_RISE_220PF





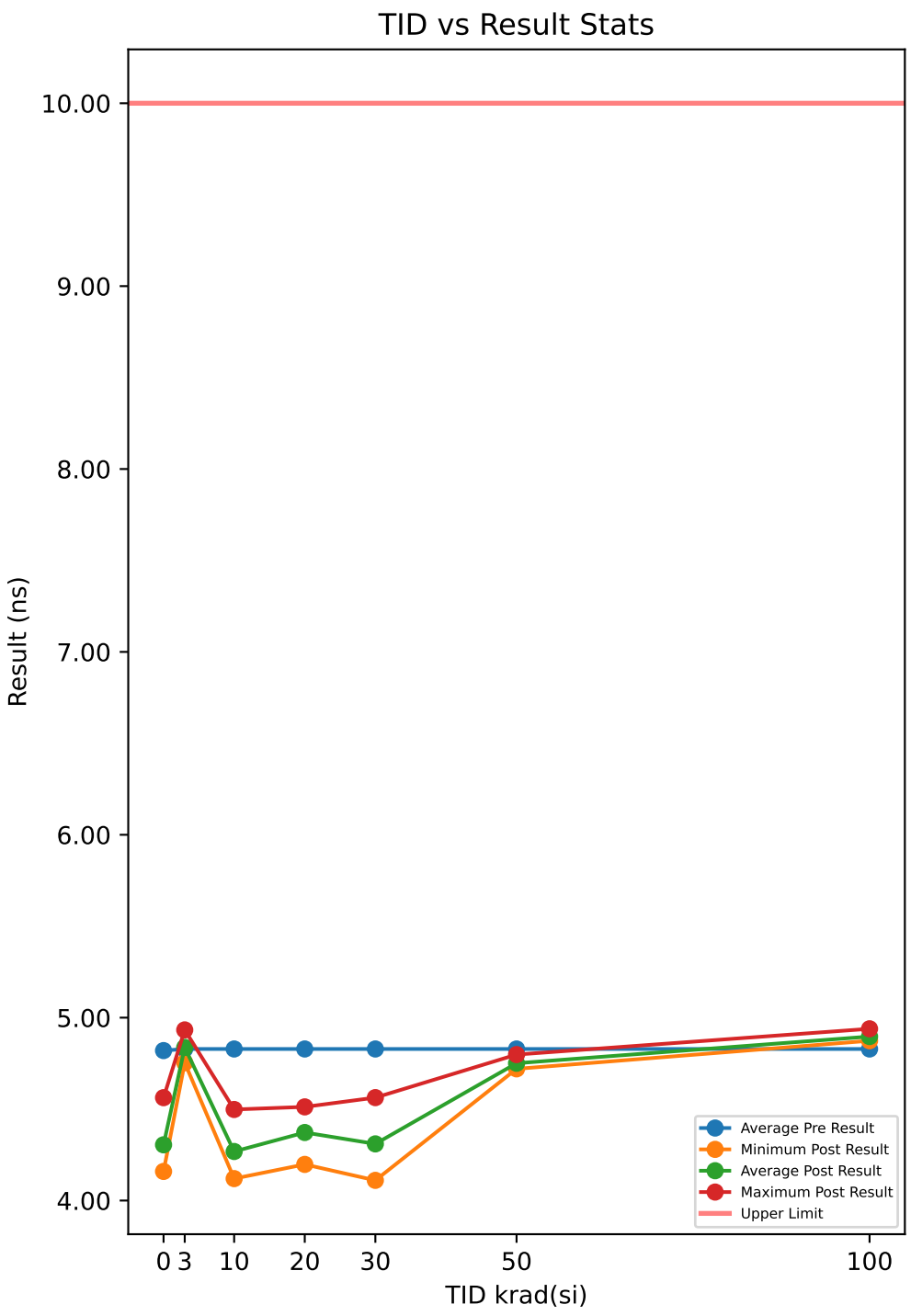
Test Results (Upper Limit = 12.0 (ns))

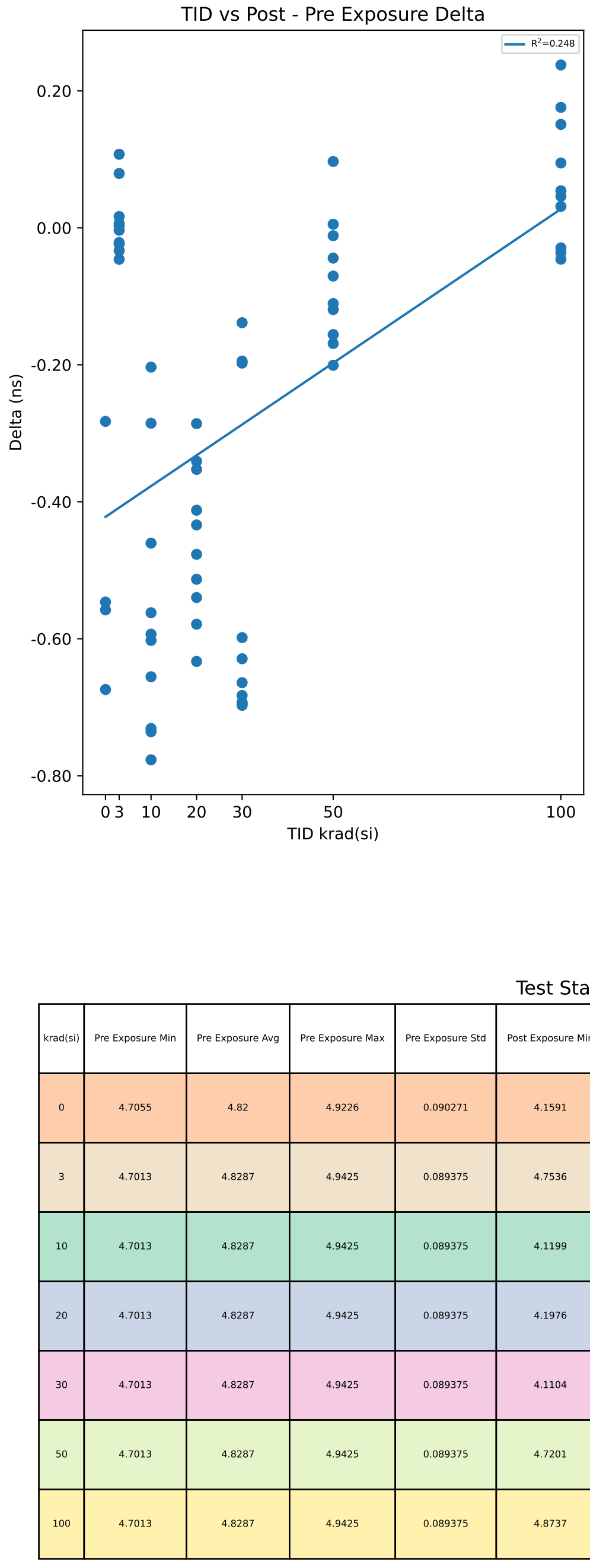
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	5.3344	5.3367	0.0023
2	3	LDR BIAS	5.4424	5.4464	0.004
3	3	LDR BIAS	5.6448	5.5904	-0.0544
4	3	LDR BIAS	5.5744	5.5276	-0.0468
5	3	LDR BIAS	5.0941	4.9299	-0.1642
6	3	LDR UNBIAS	5.5089	5.511	0.0021
7	3	LDR UNBIAS	5.5555	5.5819	0.0264
8	3	LDR UNBIAS	5.496	5.402	-0.094
9	3	LDR UNBIAS	5.2758	5.2169	-0.0589
10	3	LDR UNBIAS	5.4929	5.395	-0.0979
11	0	CORRELATION	5.596	4.7656	-0.8304
12	0	CORRELATION	5.4553	4.6519	-0.8034
13	0	CORRELATION	5.4453	4.6786	-0.7667
14	0	CORRELATION	5.4739	4.9183	-0.5556
21	10	LDR BIAS	5.3344	4.9557	-0.3787
22	10	LDR BIAS	5.4424	4.7934	-0.649
23	10	LDR BIAS	5.6448	5.0511	-0.5937
24	10	LDR BIAS	5.5744	4.7573	-0.8171
25	10	LDR BIAS	5.0941	4.7997	-0.2944
26	10	LDR UNBIAS	5.5089	4.8183	-0.6906
27	10	LDR UNBIAS	5.5555	4.9035	-0.652
28	10	LDR UNBIAS	5.496	4.8434	-0.6526
29	10	LDR UNBIAS	5.2758	4.7208	-0.555
30	10	LDR UNBIAS	5.4929	4.8253	-0.6676
31	20	LDR BIAS	5.3344	4.7953	-0.5391
32	20	LDR BIAS	5.4424	4.8547	-0.5877
33	20	LDR BIAS	5.6448	4.6987	-0.9461
34	20	LDR BIAS	5.5744	4.8975	-0.6769
35	20	LDR BIAS	5.0941	4.8979	-0.1962
36	20	LDR UNBIAS	5.5089	4.8405	-0.6684
37	20	LDR UNBIAS	5.5555	4.6727	-0.8828
38	20	LDR UNBIAS	5.496	4.7944	-0.7016
39	20	LDR UNBIAS	5.2758	4.857	-0.4188
40	20	LDR UNBIAS	5.4929	4.8465	-0.6464
41	30	LDR BIAS	5.3344	4.7513	-0.5831
42	30	LDR BIAS	5.4424	4.6424	-0.8
43	30	LDR BIAS	5.6448	4.6507	-0.9941
44	30	LDR BIAS	5.5744	4.9219	-0.6525
45	30	LDR BIAS	5.0941	4.7615	-0.3326
46	30	LDR UNBIAS	5.5089	4.6614	-0.8475
47	30	LDR UNBIAS	5.5555	4.6453	-0.9102
48	30	LDR UNBIAS	5.496	4.8236	-0.6724
49	30	LDR UNBIAS	5.2758	4.7624	-0.5134
50	30	LDR UNBIAS	5.4929	4.6781	-0.8148
51	50	LDR BIAS	5.3344	5.2917	-0.0427
52	50	LDR BIAS	5.4424	5.3323	-0.1101
53	50	LDR BIAS	5.6448	5.4008	-0.244
54	50	LDR BIAS	5.5744	5.3673	-0.2071
55	50	LDR BIAS	5.0941	5.3676	0.2735
56	50	LDR UNBIAS	5.5089	5.2972	-0.2117
57	50	LDR UNBIAS	5.5555	5.3367	-0.2188
58	50	LDR UNBIAS	5.496	5.3186	-0.1774
59	50	LDR UNBIAS	5.2758	5.3577	0.0819
60	50	LDR UNBIAS	5.4929	5.3727	-0.1202
61	100	LDR BIAS	5.3344	5.5102	0.1758
62	100	LDR BIAS	5.4424	5.5076	0.0652
63	100	LDR BIAS	5.6448	5.5772	-0.0676
64	100	LDR BIAS	5.5744	5.5181	-0.0563
65	100	LDR BIAS	5.0941	5.4951	0.401
66	100	LDR UNBIAS	5.5089	5.5267	0.0178
67	100	LDR UNBIAS	5.5555	5.4752	-0.0803
68	100	LDR UNBIAS	5.496	5.4826	-0.0134
69	100	LDR UNBIAS	5.2758	5.4955	0.2197
70	100	LDR UNBIAS	5.4929	5.4124	-0.0805

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4453	5.4926	5.596	0.069928	4.6519	4.7536	4.9183	0.12005	-0.8304	-0.73902	-0.5556	0.12504
3	5.0941	5.4419	5.6448	0.1639	4.9299	5.3938	5.5904	0.19952	-0.1642	-0.04814	0.0264	0.059207
10	5.0941	5.4419	5.6448	0.1639	4.7208	4.8468	5.0511	0.09835	-0.8171	-0.59507	-0.2944	0.15347
20	5.0941	5.4419	5.6448	0.1639	4.6727	4.8155	4.8979	0.076917	-0.9461	-0.6264	-0.1962	0.21489
30	5.0941	5.4419	5.6448	0.1639	4.6424	4.7299	4.9219	0.092267	-0.9941	-0.71206	-0.3326	0.20018
50	5.0941	5.4419	5.6448	0.1639	5.2917	5.3443	5.4008	0.035115	-0.244	-0.09766	0.2735	0.16368
100	5.0941	5.4419	5.6448	0.1639	5.4124	5.5001	5.5772	0.041897	-0.0805	0.05814	0.401	0.16041

Device Test: 24.24 TIMING|OUT_FALL/OUTH/4.5/12/0/220/4.5/500kHz//@OUT_FALL_220PF





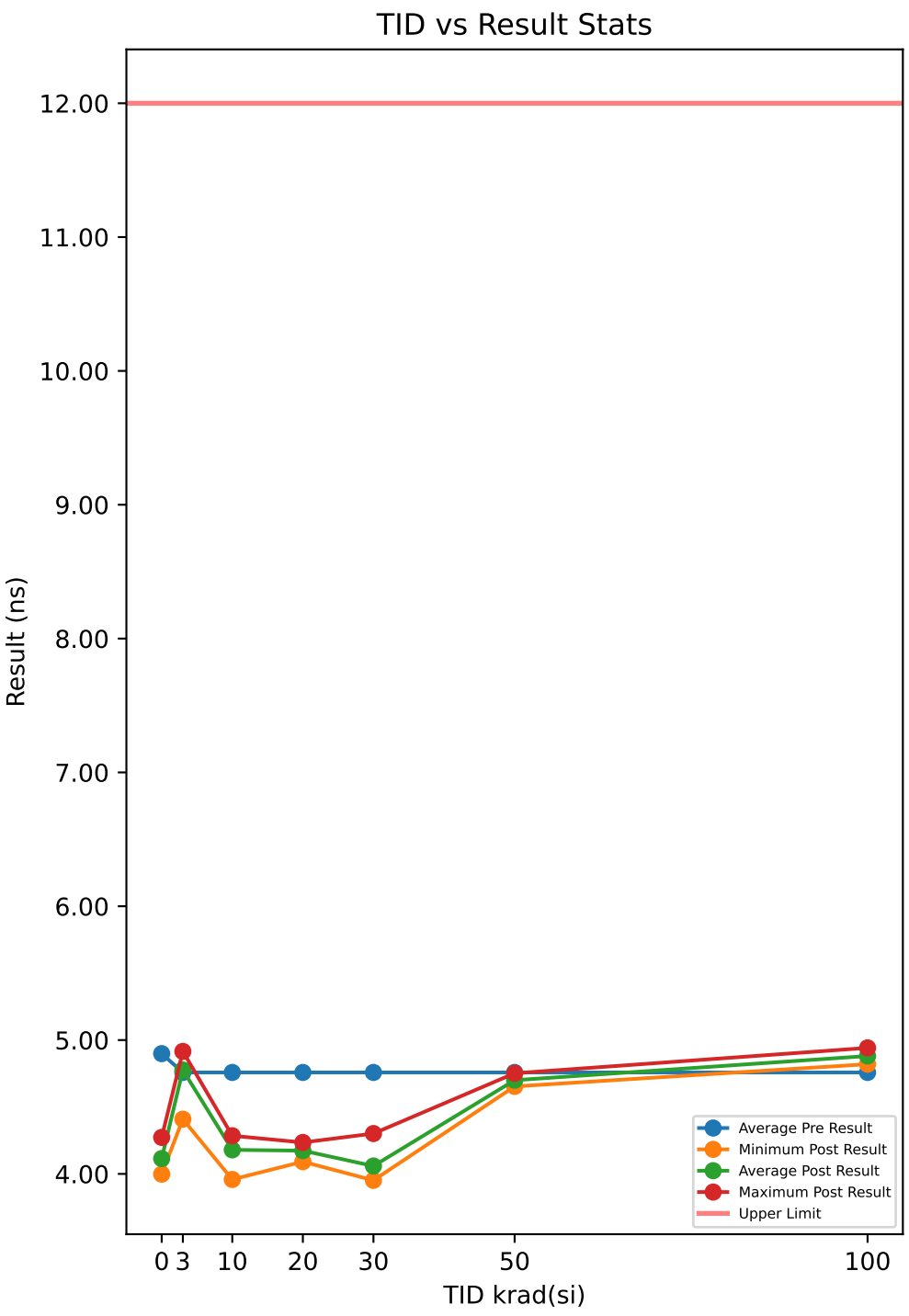
Test Results (Upper Limit = 10.0 (ns))

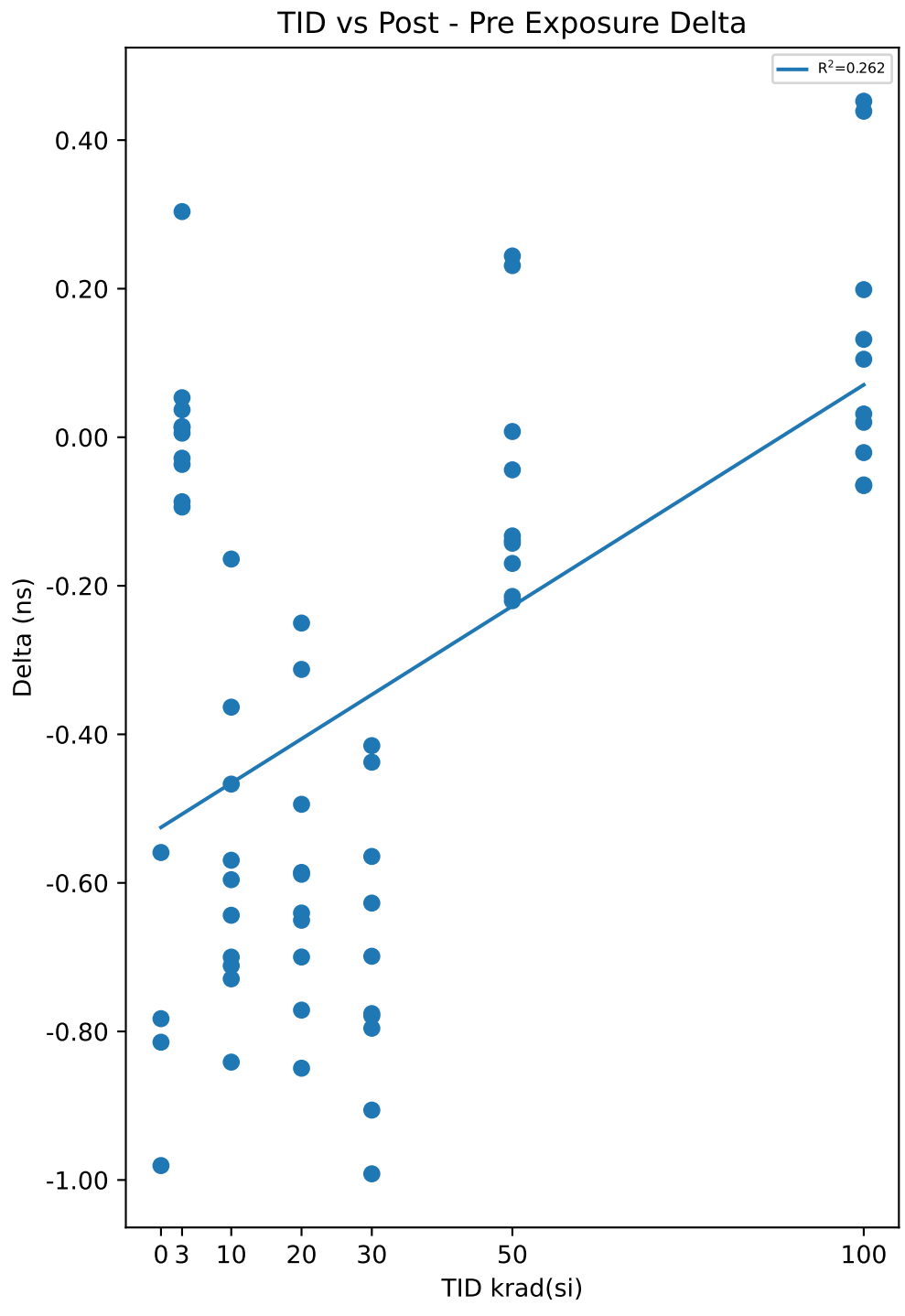
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.7371	4.7536	0.0165
2	3	LDR BIAS	4.9244	4.9029	-0.0215
3	3	LDR BIAS	4.8307	4.8373	0.0066
4	3	LDR BIAS	4.8424	4.8189	-0.0235
5	3	LDR BIAS	4.7182	4.8256	0.1074
6	3	LDR UNBIAS	4.9425	4.8965	-0.046
7	3	LDR UNBIAS	4.8033	4.8064	0.0031
8	3	LDR UNBIAS	4.8509	4.8176	-0.0333
9	3	LDR UNBIAS	4.7013	4.7807	0.0794
10	3	LDR UNBIAS	4.9365	4.933	-0.0035
11	0	CORRELATION	4.8451	4.5625	-0.2826
12	0	CORRELATION	4.8066	4.2488	-0.5578
13	0	CORRELATION	4.7055	4.1591	-0.5464
14	0	CORRELATION	4.9226	4.2485	-0.6741
21	10	LDR BIAS	4.7371	4.1347	-0.6024
22	10	LDR BIAS	4.9244	4.1887	-0.7357
23	10	LDR BIAS	4.8307	4.2687	-0.562
24	10	LDR BIAS	4.8424	4.1869	-0.6555
25	10	LDR BIAS	4.7182	4.4329	-0.2853
26	10	LDR UNBIAS	4.9425	4.1658	-0.7767
27	10	LDR UNBIAS	4.8033	4.21	-0.5933
28	10	LDR UNBIAS	4.8509	4.1199	-0.731
29	10	LDR UNBIAS	4.7013	4.4979	-0.2034
30	10	LDR UNBIAS	4.9365	4.4761	-0.4604
31	20	LDR BIAS	4.7371	4.3844	-0.3527
32	20	LDR BIAS	4.9244	4.5121	-0.4123
33	20	LDR BIAS	4.8307	4.1976	-0.6331
34	20	LDR BIAS	4.8424	4.3293	-0.5131
35	20	LDR BIAS	4.7182	4.3774	-0.3408
36	20	LDR UNBIAS	4.9425	4.4658	-0.4767
37	20	LDR UNBIAS	4.8033	4.2246	-0.5787
38	20	LDR UNBIAS	4.8509	4.3111	-0.5398
39	20	LDR UNBIAS	4.7013	4.4154	-0.2859
40	20	LDR UNBIAS	4.9365	4.5027	-0.4338
41	30	LDR BIAS	4.7371	4.5425	-0.1946
42	30	LDR BIAS	4.9244	4.2302	-0.6942
43	30	LDR BIAS	4.8307	4.1479	-0.6828
44	30	LDR BIAS	4.8424	4.2441	-0.5983
45	30	LDR BIAS	4.7182	4.5207	-0.1975
46	30	LDR UNBIAS	4.9425	4.2453	-0.6972
47	30	LDR UNBIAS	4.8033	4.1104	-0.6929
48	30	LDR UNBIAS	4.8509	4.2217	-0.6292
49	30	LDR UNBIAS	4.7013	4.5628	-0.1385
50	30	LDR UNBIAS	4.9365	4.2724	-0.6641
51	50	LDR BIAS	4.7371	4.7256	-0.0115
52	50	LDR BIAS	4.9244	4.7555	-0.1689
53	50	LDR BIAS	4.8307	4.7201	-0.1106
54	50	LDR BIAS	4.8424	4.772	-0.0704
55	50	LDR BIAS	4.7182	4.7234	0.0052
56	50	LDR UNBIAS	4.9425	4.7418	-0.2007
57	50	LDR UNBIAS	4.8033	4.7591	-0.0442
58	50	LDR UNBIAS	4.8509	4.7315	-0.1194
59	50	LDR UNBIAS	4.7013	4.7982	0.0969
60	50	LDR UNBIAS	4.9365	4.7806	-0.1559
61	100	LDR BIAS	4.7371	4.8881	0.151
62	100	LDR BIAS	4.9244	4.8951	-0.0293
63	100	LDR BIAS	4.8307	4.8848	0.0541
64	100	LDR BIAS	4.8424	4.8737	0.0313
65	100	LDR BIAS	4.7182	4.8941	0.1759
66	100	LDR UNBIAS	4.9425	4.8967	-0.0458
67	100	LDR UNBIAS	4.8033	4.898	0.0947
68	100	LDR UNBIAS	4.8509	4.897	0.0461
69	100	LDR UNBIAS	4.7013	4.9391	0.2378
70	100	LDR UNBIAS	4.9365	4.9004	-0.0361

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.7055	4.82	4.9226	0.090271	4.1591	4.3047	4.5625	0.17696	-0.6741	-0.51523	-0.2826	0.16547
3	4.7013	4.8287	4.9425	0.089375	4.7536	4.8373	4.933	0.056759	-0.046	0.00852	0.1074	0.049092
10	4.7013	4.8287	4.9425	0.089375	4.1199	4.2682	4.4979	0.14519	-0.7767	-0.56057	-0.2034	0.19196
20	4.7013	4.8287	4.9425	0.089375	4.1976	4.372	4.5121	0.10814	-0.6331	-0.45669	-0.2859	0.11176
30	4.7013	4.8287	4.9425	0.089375	4.1104	4.3098	4.5628	0.16753	-0.6972	-0.51893	-0.1385	0.2386
50	4.7013	4.8287	4.9425	0.089375	4.7201	4.7508	4.7982	0.026785	-0.2007	-0.07795	0.0969	0.091468
100	4.7013	4.8287	4.9425	0.089375	4.8737	4.8967	4.9391	0.016889	-0.0458	0.06797	0.2378	0.096235

Device Test: 24.25 TIMING|OUT_RISE/OUTH/5/12/0/220/5/500kHz//@OUT_RISE_220PF





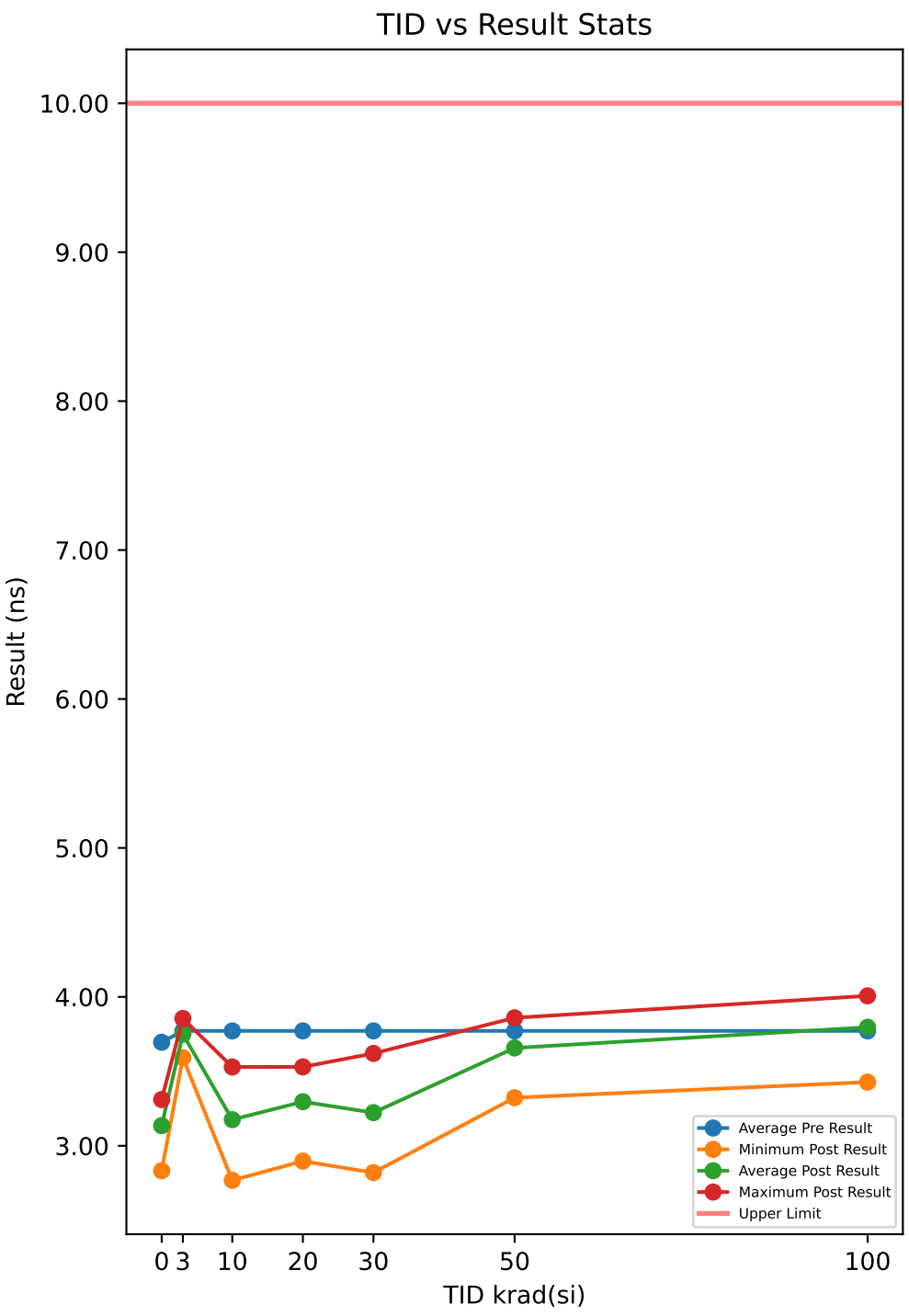
Test Results (Upper Limit = 12.0 (ns))

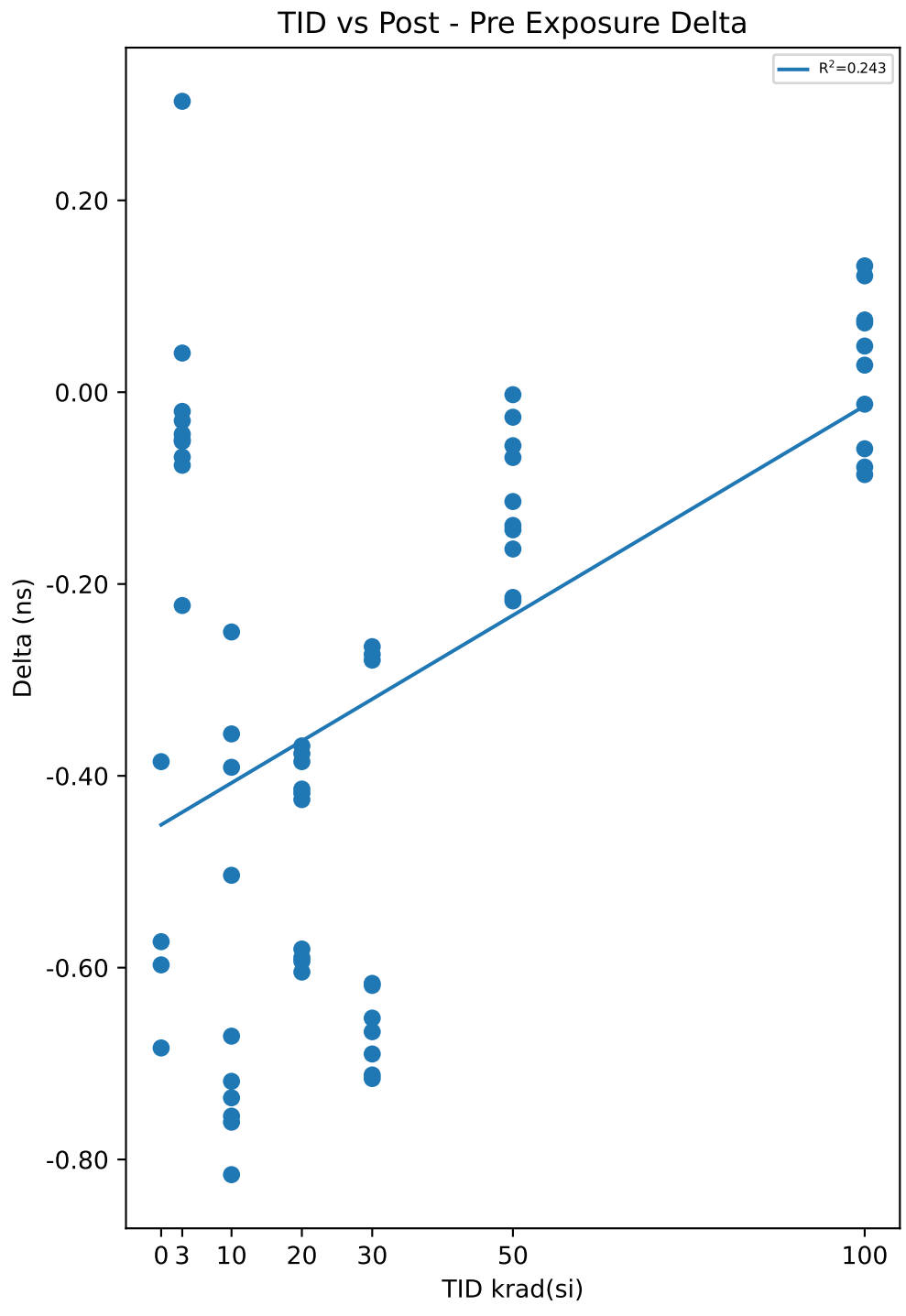
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.4224	4.7262	0.3038
2	3	LDR BIAS	4.7997	4.8052	0.0055
3	3	LDR BIAS	4.9435	4.9153	-0.0282
4	3	LDR BIAS	4.9287	4.8419	-0.0868
5	3	LDR BIAS	4.7291	4.7823	0.0532
6	3	LDR UNBIAS	4.7963	4.7597	-0.0366
7	3	LDR UNBIAS	4.8627	4.8771	0.0144
8	3	LDR UNBIAS	4.7997	4.8367	0.037
9	3	LDR UNBIAS	4.5028	4.4088	-0.094
10	3	LDR UNBIAS	4.7958	4.8087	0.0129
11	0	CORRELATION	4.9322	4.1494	-0.7828
12	0	CORRELATION	4.8518	4.0373	-0.8145
13	0	CORRELATION	4.9787	3.9981	-0.9806
14	0	CORRELATION	4.8318	4.2727	-0.5591
21	10	LDR BIAS	4.4224	4.2584	-0.164
22	10	LDR BIAS	4.7997	3.9584	-0.8413
23	10	LDR BIAS	4.9435	4.2143	-0.7292
24	10	LDR BIAS	4.9287	4.2851	-0.6436
25	10	LDR BIAS	4.7291	4.2621	-0.467
26	10	LDR UNBIAS	4.7963	4.0848	-0.7115
27	10	LDR UNBIAS	4.8627	4.1628	-0.6999
28	10	LDR UNBIAS	4.7997	4.2302	-0.5695
29	10	LDR UNBIAS	4.5028	4.1394	-0.3634
30	10	LDR UNBIAS	4.7958	4.2001	-0.5957
31	20	LDR BIAS	4.4224	4.1722	-0.2502
32	20	LDR BIAS	4.7997	4.2138	-0.5859
33	20	LDR BIAS	4.9435	4.094	-0.8495
34	20	LDR BIAS	4.9287	4.2289	-0.6998
35	20	LDR BIAS	4.7291	4.2349	-0.4942
36	20	LDR UNBIAS	4.7963	4.146	-0.6503
37	20	LDR UNBIAS	4.8627	4.0914	-0.7713
38	20	LDR UNBIAS	4.7997	4.2113	-0.5884
39	20	LDR UNBIAS	4.5028	4.1902	-0.3126
40	20	LDR UNBIAS	4.7958	4.1552	-0.6406
41	30	LDR BIAS	4.4224	4.0072	-0.4152
42	30	LDR BIAS	4.7997	4.004	-0.7957
43	30	LDR BIAS	4.9435	3.9518	-0.9917
44	30	LDR BIAS	4.9287	4.3015	-0.6272
45	30	LDR BIAS	4.7291	4.0303	-0.6988
46	30	LDR UNBIAS	4.7963	4.0173	-0.779
47	30	LDR UNBIAS	4.8627	3.9568	-0.9059
48	30	LDR UNBIAS	4.7997	4.2353	-0.5644
49	30	LDR UNBIAS	4.5028	4.0653	-0.4375
50	30	LDR UNBIAS	4.7958	4.0198	-0.776
51	50	LDR BIAS	4.4224	4.6664	0.244
52	50	LDR BIAS	4.7997	4.6608	-0.1389
53	50	LDR BIAS	4.9435	4.7291	-0.2144
54	50	LDR BIAS	4.9287	4.7086	-0.2201
55	50	LDR BIAS	4.7291	4.7368	0.0077
56	50	LDR UNBIAS	4.7963	4.6536	-0.1427
57	50	LDR UNBIAS	4.8627	4.6928	-0.1699
58	50	LDR UNBIAS	4.7997	4.6668	-0.1329
59	50	LDR UNBIAS	4.5028	4.7339	0.2311
60	50	LDR UNBIAS	4.7958	4.7519	-0.0439
61	100	LDR BIAS	4.4224	4.8748	0.4524
62	100	LDR BIAS	4.7997	4.9315	0.1318
63	100	LDR BIAS	4.9435	4.8784	-0.0651
64	100	LDR BIAS	4.9287	4.8645	-0.0642
65	100	LDR BIAS	4.7291	4.9278	0.1987
66	100	LDR UNBIAS	4.7963	4.9013	0.105
67	100	LDR UNBIAS	4.8627	4.842	-0.0207
68	100	LDR UNBIAS	4.7997	4.8198	0.0201
69	100	LDR UNBIAS	4.5028	4.9417	0.4389
70	100	LDR UNBIAS	4.7958	4.8271	0.0313

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.8318	4.8986	4.9787	0.068793	3.9981	4.1144	4.2727	0.1235	-0.9806	-0.78425	-0.5591	0.17336
3	4.4224	4.7581	4.9435	0.1698	4.4088	4.7762	4.9153	0.14032	-0.094	0.01812	0.3038	0.11161
10	4.4224	4.7581	4.9435	0.1698	3.9584	4.1796	4.2851	0.098964	-0.8413	-0.57851	-0.164	0.19981
20	4.4224	4.7581	4.9435	0.1698	4.0914	4.1738	4.2349	0.051987	-0.8495	-0.58428	-0.2502	0.18849
30	4.4224	4.7581	4.9435	0.1698	3.9518	4.0589	4.3015	0.11627	-0.9917	-0.69914	-0.4152	0.18926
50	4.4224	4.7581	4.9435	0.1698	4.6536	4.7001	4.7519	0.036652	-0.2201	-0.058	0.244	0.17058
100	4.4224	4.7581	4.9435	0.1698	4.8198	4.8809	4.9417	0.043876	-0.0651	0.12282	0.4524	0.18988

Device Test: 24.26 TIMING|OUT_FALL/OUTH/5/12/0/220/5/500kHz//@OUT_FALL_220PF





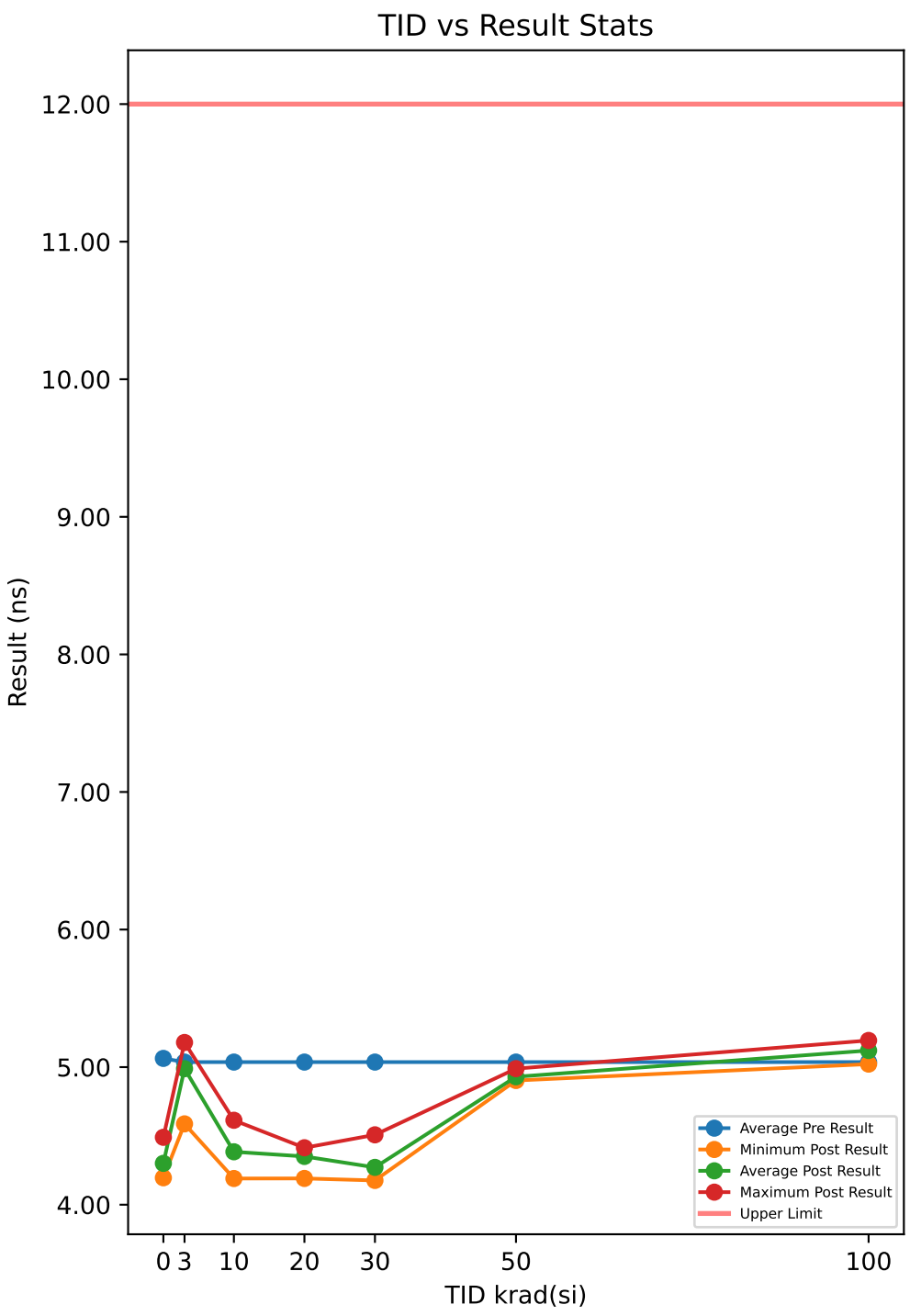
Test Results (Upper Limit = 10.0 (ns))

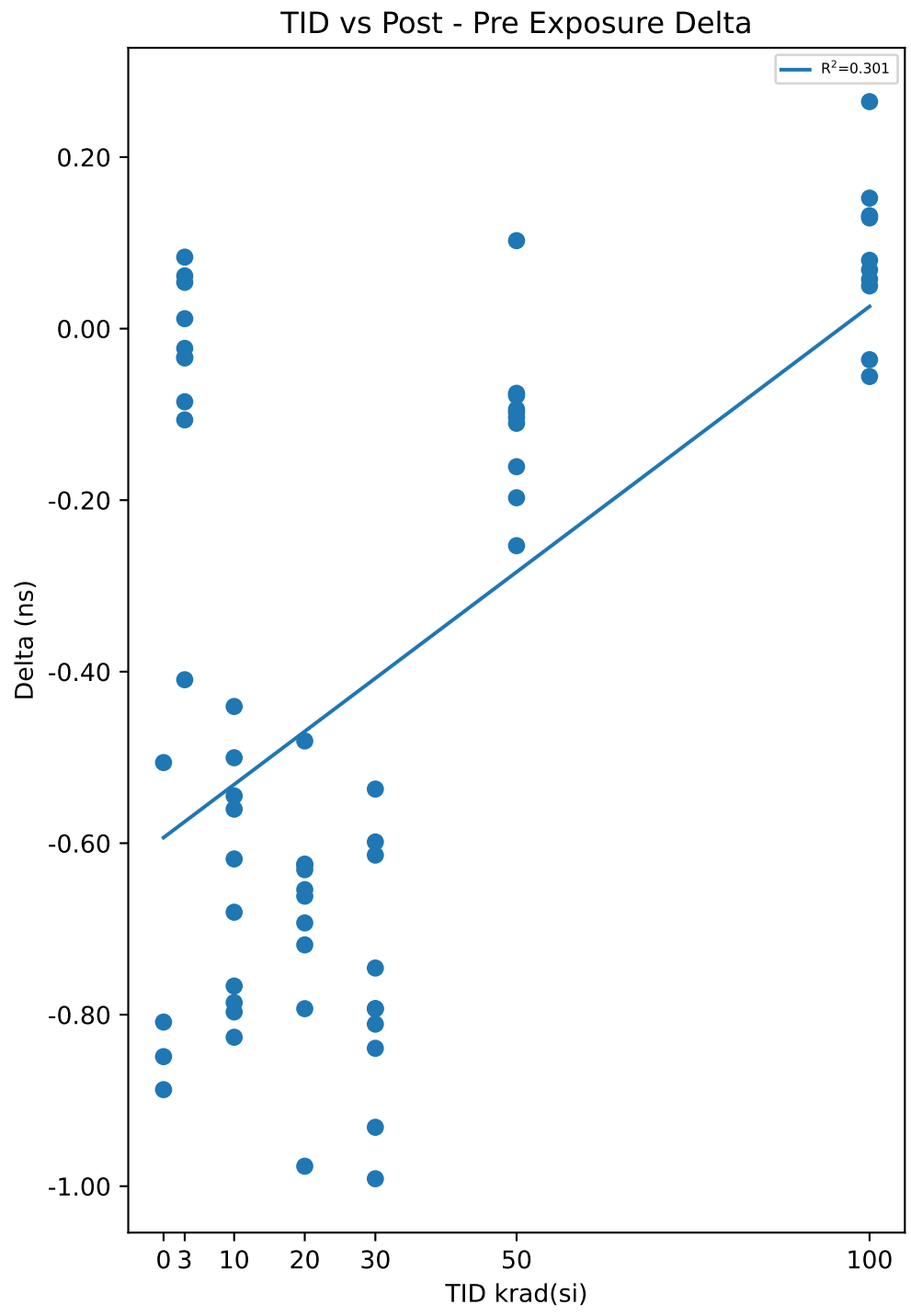
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	3.7629	3.6953	-0.0676
2	3	LDR BIAS	3.8197	3.5973	-0.2224
3	3	LDR BIAS	3.4865	3.7898	0.3033
4	3	LDR BIAS	3.8873	3.8376	-0.0497
5	3	LDR BIAS	3.6215	3.5918	-0.0297
6	3	LDR UNBIAS	3.8667	3.8467	-0.02
7	3	LDR UNBIAS	3.641	3.6818	0.0408
8	3	LDR UNBIAS	3.845	3.7937	-0.0513
9	3	LDR UNBIAS	3.8854	3.8092	-0.0762
10	3	LDR UNBIAS	3.8987	3.855	-0.0437
11	0	CORRELATION	3.6957	3.3105	-0.3852
12	0	CORRELATION	3.7718	3.1989	-0.5729
13	0	CORRELATION	3.516	2.8323	-0.6837
14	0	CORRELATION	3.7969	3.1998	-0.5971
21	10	LDR BIAS	3.7629	3.2592	-0.5037
22	10	LDR BIAS	3.8197	3.0586	-0.7611
23	10	LDR BIAS	3.4865	2.768	-0.7185
24	10	LDR BIAS	3.8873	3.1325	-0.7548
25	10	LDR BIAS	3.6215	3.3715	-0.25
26	10	LDR UNBIAS	3.8667	3.131	-0.7357
27	10	LDR UNBIAS	3.641	2.9696	-0.6714
28	10	LDR UNBIAS	3.845	3.0292	-0.8158
29	10	LDR UNBIAS	3.8854	3.5291	-0.3563
30	10	LDR UNBIAS	3.8987	3.5076	-0.3911
31	20	LDR BIAS	3.7629	3.3491	-0.4138
32	20	LDR BIAS	3.8197	3.4345	-0.3852
33	20	LDR BIAS	3.4865	2.897	-0.5895
34	20	LDR BIAS	3.8873	3.2827	-0.6046
35	20	LDR BIAS	3.6215	3.2446	-0.3769
36	20	LDR UNBIAS	3.8667	3.4486	-0.4181
37	20	LDR UNBIAS	3.641	3.0476	-0.5934
38	20	LDR UNBIAS	3.845	3.2644	-0.5806
39	20	LDR UNBIAS	3.8854	3.4606	-0.4248
40	20	LDR UNBIAS	3.8987	3.5299	-0.3688
41	30	LDR BIAS	3.7629	3.4835	-0.2794
42	30	LDR BIAS	3.8197	3.1671	-0.6526
43	30	LDR BIAS	3.4865	2.8197	-0.6668
44	30	LDR BIAS	3.8873	3.1717	-0.7156
45	30	LDR BIAS	3.6215	3.3481	-0.2734
46	30	LDR UNBIAS	3.8667	3.2482	-0.6185
47	30	LDR UNBIAS	3.641	2.9291	-0.7119
48	30	LDR UNBIAS	3.845	3.155	-0.69
49	30	LDR UNBIAS	3.8854	3.6201	-0.2653
50	30	LDR UNBIAS	3.8987	3.2823	-0.6164
51	50	LDR BIAS	3.7629	3.7603	-0.0026
52	50	LDR BIAS	3.8197	3.6021	-0.2176
53	50	LDR BIAS	3.4865	3.323	-0.1635
54	50	LDR BIAS	3.8873	3.6733	-0.214
55	50	LDR BIAS	3.6215	3.5657	-0.0558
56	50	LDR UNBIAS	3.8667	3.7232	-0.1435
57	50	LDR UNBIAS	3.641	3.527	-0.114
58	50	LDR UNBIAS	3.845	3.7061	-0.1389
59	50	LDR UNBIAS	3.8854	3.8593	-0.0261
60	50	LDR UNBIAS	3.8987	3.8306	-0.0681
61	100	LDR BIAS	3.7629	3.8946	0.1317
62	100	LDR BIAS	3.8197	3.7416	-0.0781
63	100	LDR BIAS	3.4865	3.4275	-0.059
64	100	LDR BIAS	3.8873	3.8014	-0.0859
65	100	LDR BIAS	3.6215	3.6968	0.0753
66	100	LDR UNBIAS	3.8667	3.9148	0.0481
67	100	LDR UNBIAS	3.641	3.7132	0.0722
68	100	LDR UNBIAS	3.845	3.8732	0.0282
69	100	LDR UNBIAS	3.8854	4.0067	0.1213
70	100	LDR UNBIAS	3.8987	3.8862	-0.0125

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.516	3.6951	3.7969	0.12692	2.8323	3.1354	3.3105	0.20873	-0.6837	-0.55972	-0.3852	0.1257
3	3.4865	3.7715	3.8987	0.14149	3.5918	3.7498	3.855	0.10057	-0.2224	-0.02165	0.3033	0.13212
10	3.4865	3.7715	3.8987	0.14149	2.768	3.1756	3.5291	0.24223	-0.8158	-0.59584	-0.25	0.20239
20	3.4865	3.7715	3.8987	0.14149	2.897	3.2959	3.5299	0.19771	-0.6046	-0.47557	-0.3688	0.10195
30	3.4865	3.7715	3.8987	0.14149	2.8197	3.2225	3.6201	0.23682	-0.7156	-0.54899	-0.2653	0.19359
50	3.4865	3.7715	3.8987	0.14149	3.323	3.6571	3.8593	0.15937	-0.2176	-0.11441	-0.0026	0.074761
100	3.4865	3.7715	3.8987	0.14149	3.4275	3.7956	4.0067	0.16255	-0.0859	0.02413	0.1317	0.079822

Device Test: 24.27 TIMING|OUT_RISE/OUTH/5.5/12/0/220/5.5/500kHz//@OUT_RISE_220PF





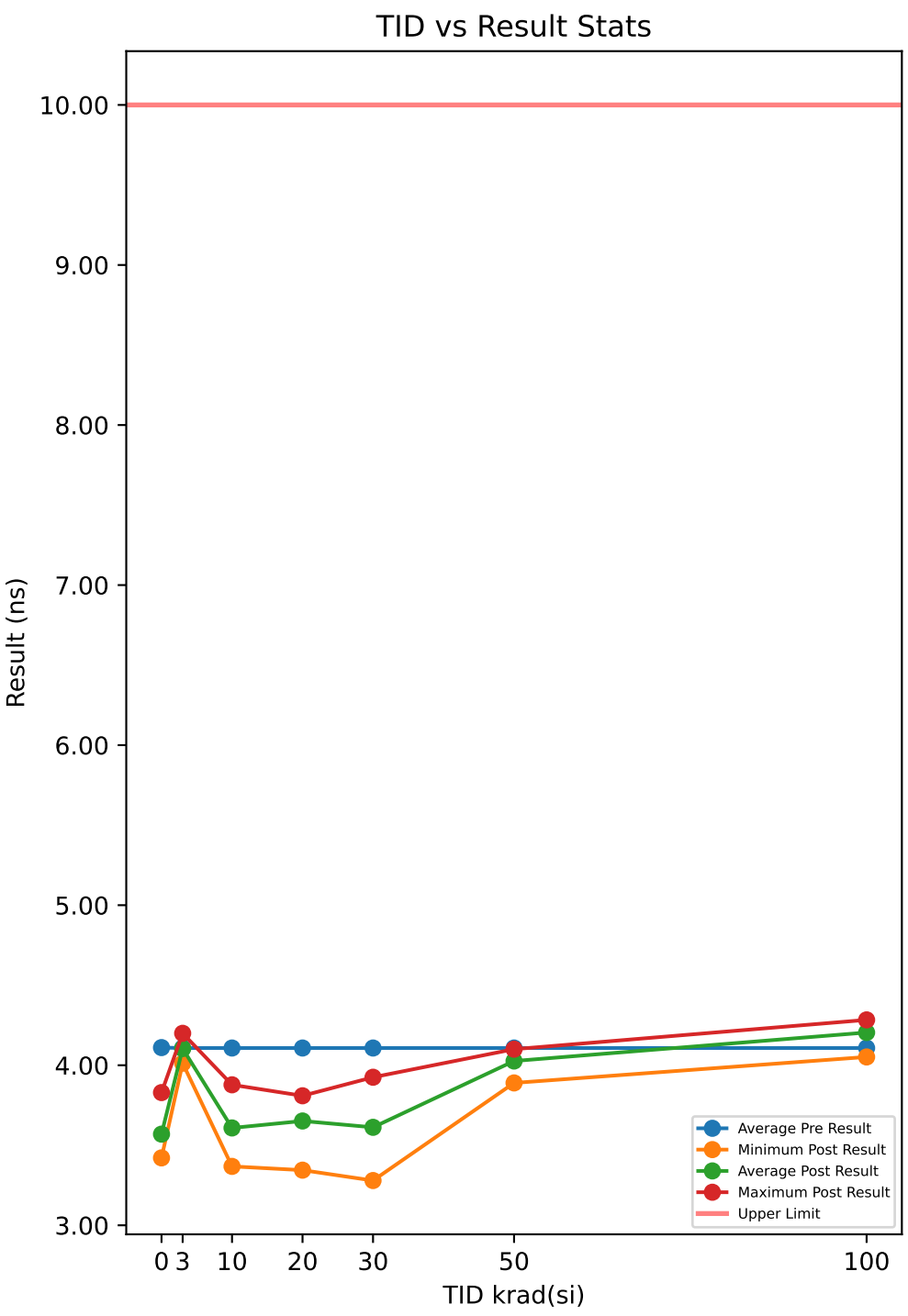
Test Results (Upper Limit = 12.0 (ns))

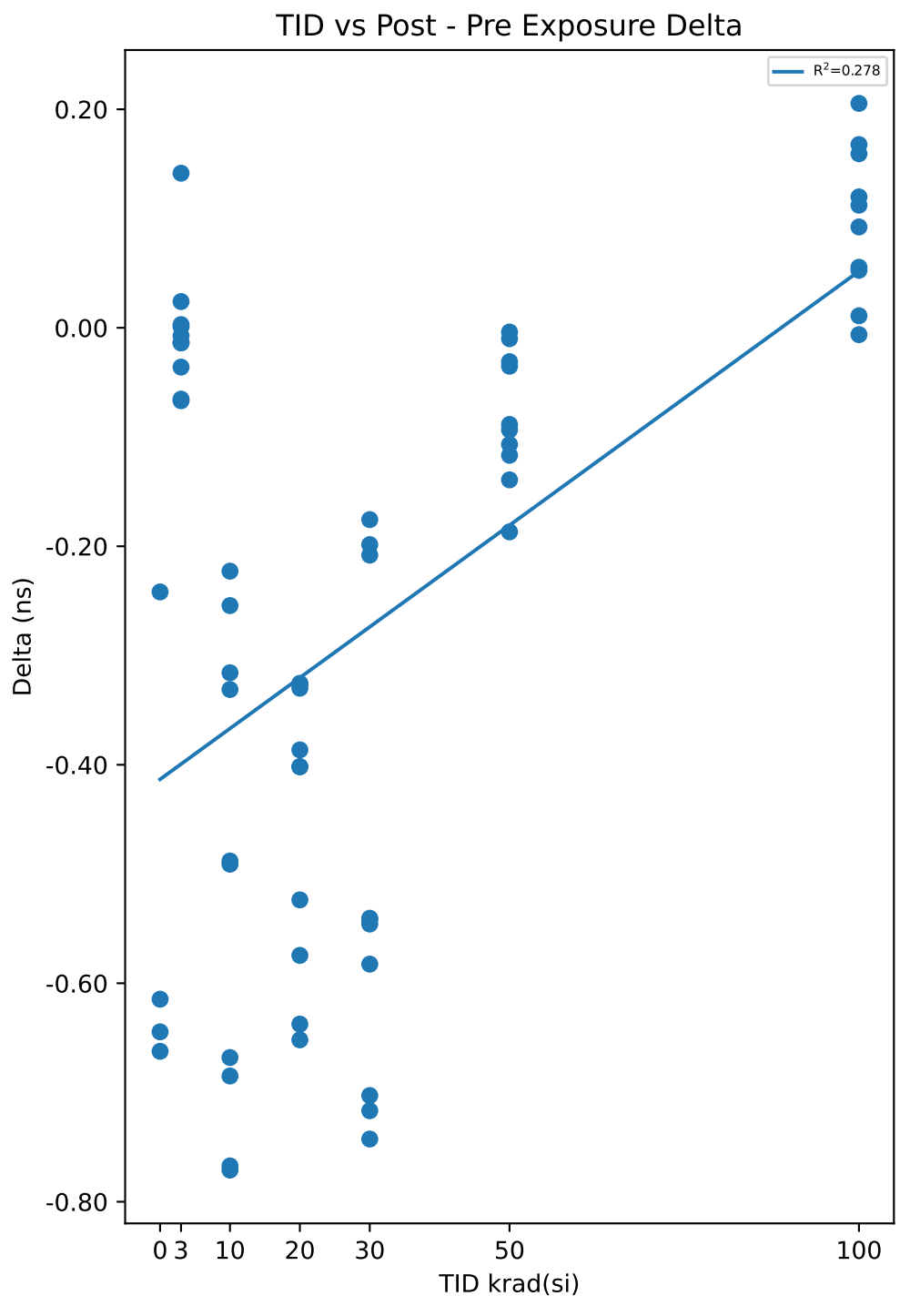
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.9969	4.5875	-0.4094
2	3	LDR BIAS	4.9983	4.9649	-0.0334
3	3	LDR BIAS	5.1141	5.1681	0.054
4	3	LDR BIAS	5.0448	5.0218	-0.023
5	3	LDR BIAS	5.0167	5.1001	0.0834
6	3	LDR UNBIAS	5.0224	4.9371	-0.0853
7	3	LDR UNBIAS	5.1676	5.1792	0.0116
8	3	LDR UNBIAS	5.0778	5.0436	-0.0342
9	3	LDR UNBIAS	4.8638	4.9253	0.0615
10	3	LDR UNBIAS	5.0643	4.9579	-0.1064
11	0	CORRELATION	5.1292	4.2803	-0.8489
12	0	CORRELATION	5.0831	4.1957	-0.8874
13	0	CORRELATION	5.0453	4.2367	-0.8086
14	0	CORRELATION	4.9958	4.4898	-0.506
21	10	LDR BIAS	4.9969	4.5563	-0.4406
22	10	LDR BIAS	4.9983	4.4534	-0.5449
23	10	LDR BIAS	5.1141	4.6137	-0.5004
24	10	LDR BIAS	5.0448	4.2782	-0.7666
25	10	LDR BIAS	5.0167	4.1904	-0.8263
26	10	LDR UNBIAS	5.0224	4.3419	-0.6805
27	10	LDR UNBIAS	5.1676	4.6073	-0.5603
28	10	LDR UNBIAS	5.0778	4.281	-0.7968
29	10	LDR UNBIAS	4.8638	4.2454	-0.6184
30	10	LDR UNBIAS	5.0643	4.2784	-0.7859
31	20	LDR BIAS	4.9969	4.3725	-0.6244
32	20	LDR BIAS	4.9983	4.3441	-0.6542
33	20	LDR BIAS	5.1141	4.3211	-0.793
34	20	LDR BIAS	5.0448	4.4139	-0.6309
35	20	LDR BIAS	5.0167	4.3914	-0.6253
36	20	LDR UNBIAS	5.0224	4.3038	-0.7186
37	20	LDR UNBIAS	5.1676	4.1909	-0.9767
38	20	LDR UNBIAS	5.0778	4.3848	-0.693
39	20	LDR UNBIAS	4.8638	4.383	-0.4808
40	20	LDR UNBIAS	5.0643	4.4025	-0.6618
41	30	LDR BIAS	4.9969	4.2039	-0.793
42	30	LDR BIAS	4.9983	4.1873	-0.811
43	30	LDR BIAS	5.1141	4.1828	-0.9313
44	30	LDR BIAS	5.0448	4.5079	-0.5369
45	30	LDR BIAS	5.0167	4.2711	-0.7456
46	30	LDR UNBIAS	5.0224	4.2294	-0.793
47	30	LDR UNBIAS	5.1676	4.1763	-0.9913
48	30	LDR UNBIAS	5.0778	4.4792	-0.5986
49	30	LDR UNBIAS	4.8638	4.2499	-0.6139
50	30	LDR UNBIAS	5.0643	4.2251	-0.8392
51	50	LDR BIAS	4.9969	4.9028	-0.0941
52	50	LDR BIAS	4.9983	4.9202	-0.0781
53	50	LDR BIAS	5.1141	4.9169	-0.1972
54	50	LDR BIAS	5.0448	4.9414	-0.1034
55	50	LDR BIAS	5.0167	4.9192	-0.0975
56	50	LDR UNBIAS	5.0224	4.912	-0.1104
57	50	LDR UNBIAS	5.1676	4.9145	-0.2531
58	50	LDR UNBIAS	5.0778	4.9168	-0.161
59	50	LDR UNBIAS	4.8638	4.9664	0.1026
60	50	LDR UNBIAS	5.0643	4.9889	-0.0754
61	100	LDR BIAS	4.9969	5.0655	0.0686
62	100	LDR BIAS	4.9983	5.1274	0.1291
63	100	LDR BIAS	5.1141	5.1938	0.0797
64	100	LDR BIAS	5.0448	5.1765	0.1317
65	100	LDR BIAS	5.0167	5.1689	0.1522
66	100	LDR UNBIAS	5.0224	5.0722	0.0498
67	100	LDR UNBIAS	5.1676	5.1314	-0.0362
68	100	LDR UNBIAS	5.0778	5.022	-0.0558
69	100	LDR UNBIAS	4.8638	5.1285	0.2647
70	100	LDR UNBIAS	5.0643	5.122	0.0577

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9958	5.0633	5.1292	0.056613	4.1957	4.3006	4.4898	0.13076	-0.8874	-0.76272	-0.506	0.17415
3	4.8638	5.0367	5.1676	0.081103	4.5875	4.9886	5.1792	0.16805	-0.4094	-0.04812	0.0834	0.14128
10	4.8638	5.0367	5.1676	0.081103	4.1904	4.3846	4.6137	0.15935	-0.8263	-0.65207	-0.4406	0.1382
20	4.8638	5.0367	5.1676	0.081103	4.1909	4.3508	4.4139	0.066392	-0.9767	-0.68587	-0.4808	0.12965
30	4.8638	5.0367	5.1676	0.081103	4.1763	4.2713	4.5079	0.12111	-0.9913	-0.76538	-0.5369	0.14567
50	4.8638	5.0367	5.1676	0.081103	4.9028	4.9299	4.9889	0.02746	-0.2531	-0.10676	0.1026	0.093359
100	4.8638	5.0367	5.1676	0.081103	5.022	5.1208	5.1938	0.053896	-0.0558	0.08415	0.2647	0.092929

Device Test: 24.28 TIMING|OUT_FALL/OUTH/5.5/12/0/220/5.5/500kHz//@OUT_FALL_220PF





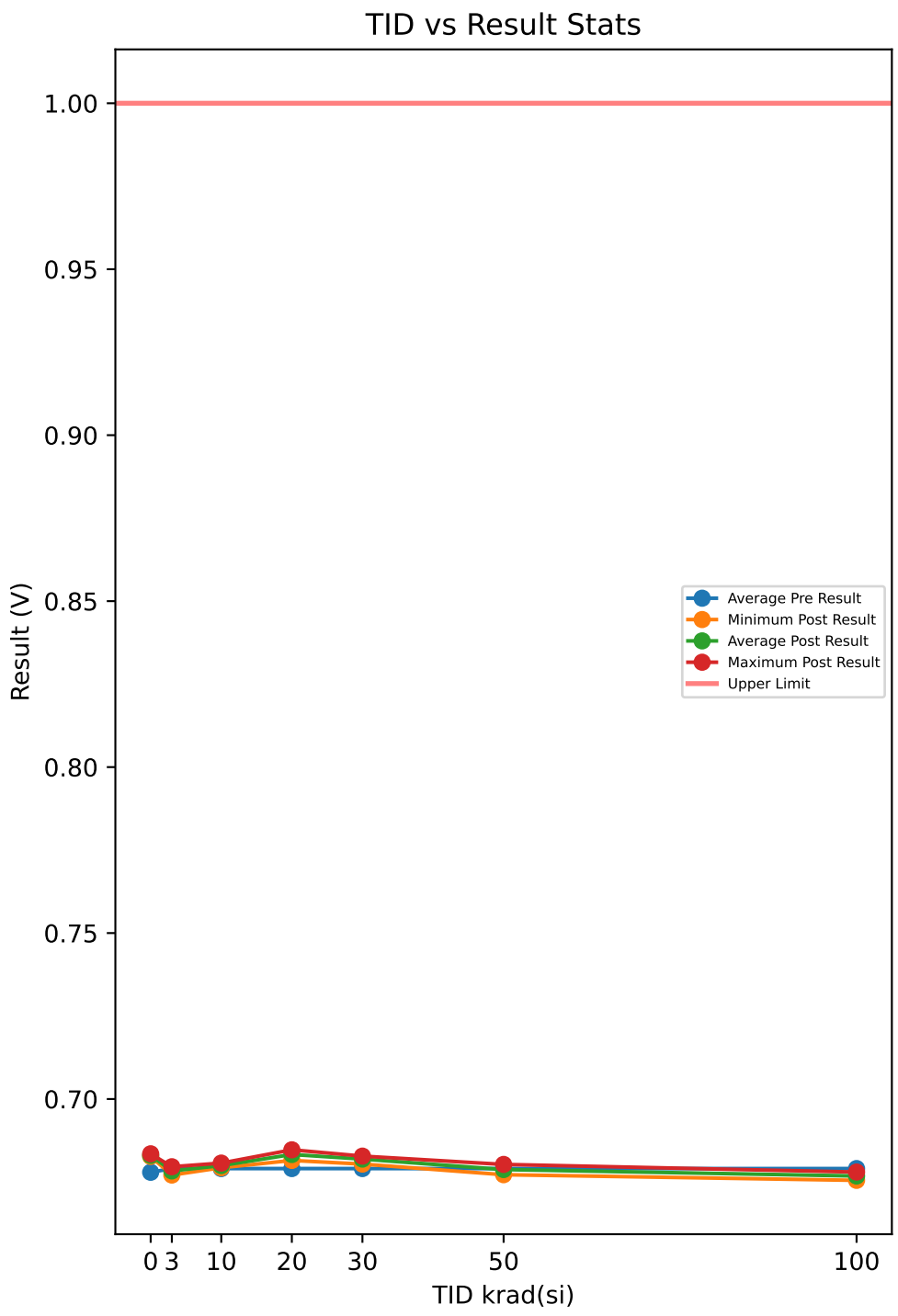
Test Results (Upper Limit = 10.0 (ns))

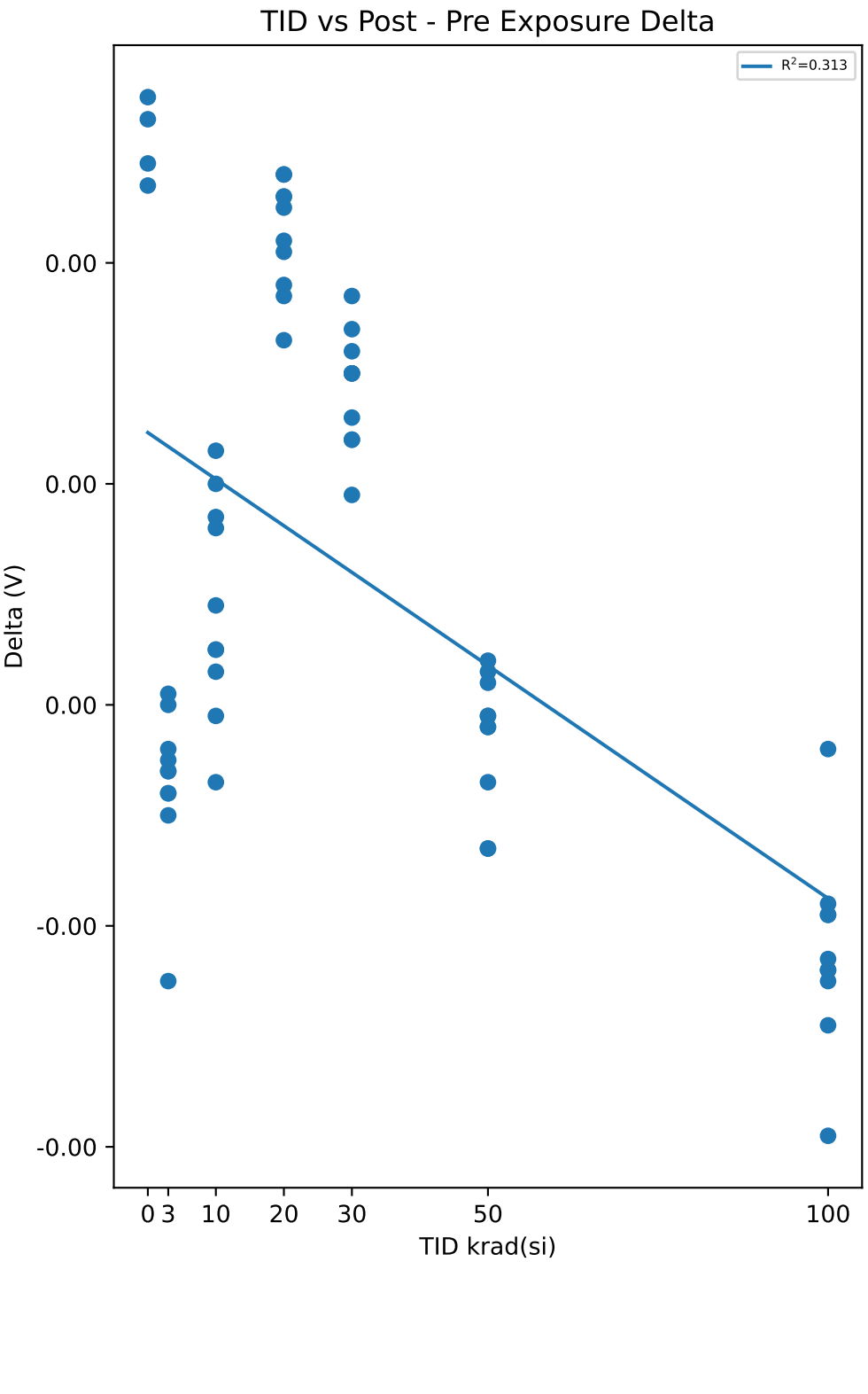
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	4.078	4.0127	-0.0653
2	3	LDR BIAS	4.1352	4.0684	-0.0668
3	3	LDR BIAS	3.9963	4.1378	0.1415
4	3	LDR BIAS	4.1777	4.1417	-0.036
5	3	LDR BIAS	4.036	4.0287	-0.0073
6	3	LDR UNBIAS	4.1248	4.111	-0.0138
7	3	LDR UNBIAS	4.0826	4.1066	0.024
8	3	LDR UNBIAS	4.2133	4.1995	-0.0138
9	3	LDR UNBIAS	4.1006	4.1016	0.001
10	3	LDR UNBIAS	4.1314	4.1343	0.0029
11	0	CORRELATION	4.071	3.8292	-0.2418
12	0	CORRELATION	4.2103	3.5658	-0.6445
13	0	CORRELATION	4.0358	3.4212	-0.6146
14	0	CORRELATION	4.124	3.4617	-0.6623
21	10	LDR BIAS	4.078	3.7469	-0.3311
22	10	LDR BIAS	4.1352	3.368	-0.7672
23	10	LDR BIAS	3.9963	3.5053	-0.491
24	10	LDR BIAS	4.1777	3.5097	-0.668
25	10	LDR BIAS	4.036	3.7817	-0.2543
26	10	LDR UNBIAS	4.1248	3.4399	-0.6849
27	10	LDR UNBIAS	4.0826	3.5945	-0.4881
28	10	LDR UNBIAS	4.2133	3.4423	-0.771
29	10	LDR UNBIAS	4.1006	3.8778	-0.2228
30	10	LDR UNBIAS	4.1314	3.8156	-0.3158
31	20	LDR BIAS	4.078	3.6762	-0.4018
32	20	LDR BIAS	4.1352	3.8092	-0.326
33	20	LDR BIAS	3.9963	3.3445	-0.6518
34	20	LDR BIAS	4.1777	3.654	-0.5237
35	20	LDR BIAS	4.036	3.6342	-0.4018
36	20	LDR UNBIAS	4.1248	3.7993	-0.3255
37	20	LDR UNBIAS	4.0826	3.4452	-0.6374
38	20	LDR UNBIAS	4.2133	3.6388	-0.5745
39	20	LDR UNBIAS	4.1006	3.7142	-0.3864
40	20	LDR UNBIAS	4.1314	3.8015	-0.3299
41	30	LDR BIAS	4.078	3.8699	-0.2081
42	30	LDR BIAS	4.1352	3.5527	-0.5825
43	30	LDR BIAS	3.9963	3.2796	-0.7167
44	30	LDR BIAS	4.1777	3.4749	-0.7028
45	30	LDR BIAS	4.036	3.8375	-0.1985
46	30	LDR UNBIAS	4.1248	3.579	-0.5458
47	30	LDR UNBIAS	4.0826	3.541	-0.5416
48	30	LDR UNBIAS	4.2133	3.4707	-0.7426
49	30	LDR UNBIAS	4.1006	3.925	-0.1756
50	30	LDR UNBIAS	4.1314	3.5909	-0.5405
51	50	LDR BIAS	4.078	4.068	-0.01
52	50	LDR BIAS	4.1352	4.0185	-0.1167
53	50	LDR BIAS	3.9963	3.8895	-0.1068
54	50	LDR BIAS	4.1777	4.0385	-0.1392
55	50	LDR BIAS	4.036	4.0008	-0.0352
56	50	LDR UNBIAS	4.1248	4.0363	-0.0885
57	50	LDR UNBIAS	4.0826	3.9892	-0.0934
58	50	LDR UNBIAS	4.2133	4.0265	-0.1868
59	50	LDR UNBIAS	4.1006	4.0967	-0.0039
60	50	LDR UNBIAS	4.1314	4.1004	-0.031
61	100	LDR BIAS	4.078	4.2834	0.2054
62	100	LDR BIAS	4.1352	4.1878	0.0526
63	100	LDR BIAS	3.9963	4.0517	0.0554
64	100	LDR BIAS	4.1777	4.1887	0.011
65	100	LDR BIAS	4.036	4.1953	0.1593
66	100	LDR UNBIAS	4.1248	4.2446	0.1198
67	100	LDR UNBIAS	4.0826	4.1948	0.1122
68	100	LDR UNBIAS	4.2133	4.207	-0.0063
69	100	LDR UNBIAS	4.1006	4.2683	0.1677
70	100	LDR UNBIAS	4.1314	4.2237	0.0923

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.0358	4.1103	4.2103	0.0759	3.4212	3.5695	3.8292	0.18355	-0.6623	-0.5408	-0.2418	0.2003
3	3.9963	4.1076	4.2133	0.063923	4.0127	4.1042	4.1995	0.055714	-0.0668	-0.00336	0.1415	0.058643
10	3.9963	4.1076	4.2133	0.063923	3.368	3.6082	3.8778	0.18229	-0.771	-0.49942	-0.2228	0.21269
20	3.9963	4.1076	4.2133	0.063923	3.3445	3.6517	3.8092	0.15313	-0.6518	-0.45588	-0.3255	0.12928
30	3.9963	4.1076	4.2133	0.063923	3.2796	3.6121	3.925	0.20404	-0.7426	-0.49547	-0.1756	0.2212
50	3.9963	4.1076	4.2133	0.063923	3.8895	4.0264	4.1004	0.060769	-0.1868	-0.08115	-0.0039	0.05992
100	3.9963	4.1076	4.2133	0.063923	4.0517	4.2045	4.2834	0.063538	-0.0063	0.09694	0.2054	0.06926

Device Test: 24.29 VOLTAGE|OUT_CLAMP/OUTL/0/0/0/0/0/0//@OUT_CLAMP_0V





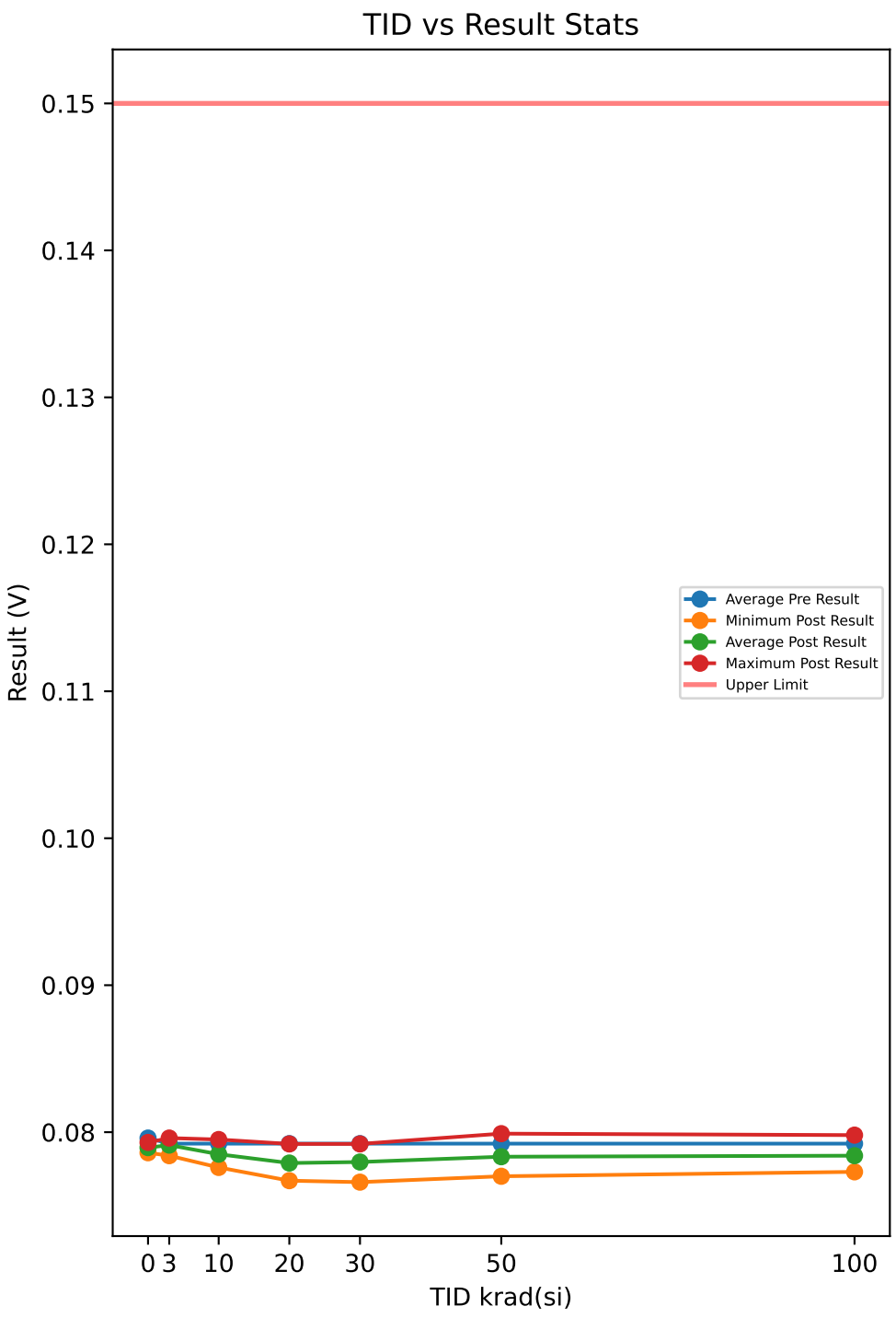
Test Results (Upper Limit = 1.0 (V))

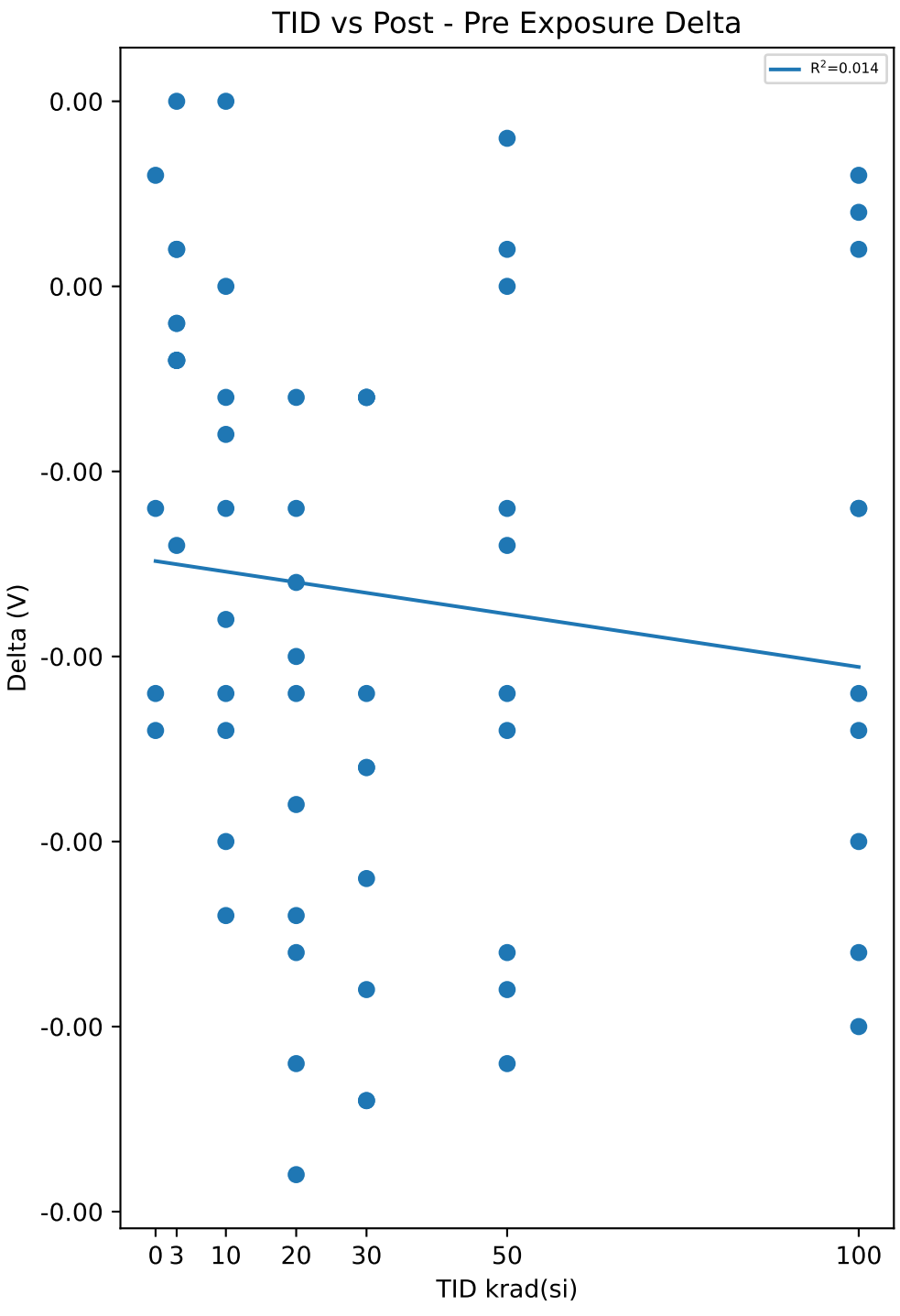
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.6804	0.6796	-0.0008
2	3	LDR BIAS	0.6788	0.6784	-0.0004
3	3	LDR BIAS	0.6807	0.6782	-0.0025
4	3	LDR BIAS	0.6801	0.6791	-0.001
5	3	LDR BIAS	0.6792	0.6786	-0.0006
6	3	LDR UNBIAS	0.6786	0.678	-0.0006
7	3	LDR UNBIAS	0.6787	0.6779	-0.0008
8	3	LDR UNBIAS	0.6795	0.679	-0.0005
9	3	LDR UNBIAS	0.6774	0.6775	0.0001
10	3	LDR UNBIAS	0.6771	0.6771	0
11	0	CORRELATION	0.6779	0.6828	0.0049
12	0	CORRELATION	0.678	0.6827	0.0047
13	0	CORRELATION	0.6778	0.6831	0.0053
14	0	CORRELATION	0.678	0.6835	0.0055
21	10	LDR BIAS	0.6804	0.6807	0.0003
22	10	LDR BIAS	0.6788	0.6793	0.0005
23	10	LDR BIAS	0.6807	0.6806	-0.0001
24	10	LDR BIAS	0.6801	0.6794	-0.0007
25	10	LDR BIAS	0.6792	0.6797	0.0005
26	10	LDR UNBIAS	0.6786	0.6803	0.0017
27	10	LDR UNBIAS	0.6787	0.6803	0.0016
28	10	LDR UNBIAS	0.6795	0.6804	0.0009
29	10	LDR UNBIAS	0.6774	0.6794	0.002
30	10	LDR UNBIAS	0.6771	0.6794	0.0023
31	20	LDR BIAS	0.6804	0.6841	0.0037
32	20	LDR BIAS	0.6788	0.683	0.0042
33	20	LDR BIAS	0.6807	0.684	0.0033
34	20	LDR BIAS	0.6801	0.6847	0.0046
35	20	LDR BIAS	0.6792	0.683	0.0038
36	20	LDR UNBIAS	0.6786	0.6831	0.0045
37	20	LDR UNBIAS	0.6787	0.6833	0.0046
38	20	LDR UNBIAS	0.6795	0.6843	0.0048
39	20	LDR UNBIAS	0.6774	0.6815	0.0041
40	20	LDR UNBIAS	0.6771	0.6819	0.0048
41	30	LDR BIAS	0.6804	0.6828	0.0024
42	30	LDR BIAS	0.6788	0.6818	0.003
43	30	LDR BIAS	0.6807	0.6826	0.0019
44	30	LDR BIAS	0.6801	0.6825	0.0024
45	30	LDR BIAS	0.6792	0.6818	0.0026
46	30	LDR UNBIAS	0.6786	0.682	0.0034
47	30	LDR UNBIAS	0.6787	0.6819	0.0032
48	30	LDR UNBIAS	0.6795	0.6825	0.003
49	30	LDR UNBIAS	0.6774	0.6804	0.003
50	30	LDR UNBIAS	0.6771	0.6808	0.0037
51	50	LDR BIAS	0.6804	0.6803	-0.0001
52	50	LDR BIAS	0.6788	0.679	0.0002
53	50	LDR BIAS	0.6807	0.6794	-0.0013
54	50	LDR BIAS	0.6801	0.6788	-0.0013
55	50	LDR BIAS	0.6792	0.6791	-0.0001
56	50	LDR UNBIAS	0.6786	0.679	0.0004
57	50	LDR UNBIAS	0.6787	0.6785	-0.0002
58	50	LDR UNBIAS	0.6795	0.6788	-0.0007
59	50	LDR UNBIAS	0.6774	0.6772	-0.0002
60	50	LDR UNBIAS	0.6771	0.6774	0.0003
61	100	LDR BIAS	0.6804	0.678	-0.0024
62	100	LDR BIAS	0.6788	0.6764	-0.0024
63	100	LDR BIAS	0.6807	0.6778	-0.0029
64	100	LDR BIAS	0.6801	0.6762	-0.0039
65	100	LDR BIAS	0.6792	0.6769	-0.0023
66	100	LDR UNBIAS	0.6786	0.6767	-0.0019
67	100	LDR UNBIAS	0.6787	0.6769	-0.0018
68	100	LDR UNBIAS	0.6795	0.677	-0.0025
69	100	LDR UNBIAS	0.6774	0.6755	-0.0019
70	100	LDR UNBIAS	0.6771	0.6767	-0.0004

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	0.6778	0.67792	0.678	9.5743e-05	0.6827	0.68302	0.6835	0.0003594	0.0047	0.0051	0.0055	0.00036515
3	0.6771	0.67905	0.6807	0.0011919	0.6771	0.67834	0.6796	0.00076333	-0.0025	-0.00071	0.0001	0.00071717
10	0.6771	0.67905	0.6807	0.0011919	0.6793	0.67995	0.6807	0.00056026	-0.0007	0.0009	0.0023	0.00097411
20	0.6771	0.67905	0.6807	0.0011919	0.6815	0.68329	0.6847	0.0010279	0.0033	0.00424	0.0048	0.00051034
30	0.6771	0.67905	0.6807	0.0011919	0.6804	0.68191	0.6828	0.00078238	0.0019	0.00286	0.0037	0.00053583
50	0.6771	0.67905	0.6807	0.0011919	0.6772	0.67875	0.6803	0.00090462	-0.0013	-0.0003	0.0004	0.00061101
100	0.6771	0.67905	0.6807	0.0011919	0.6755	0.67681	0.678	0.00072488	-0.0039	-0.00224	-0.0004	0.00088969

Device Test: 24.3 LEVEL|LOW_LEVEL/OUTL/5/5/0/0/5/500kHz//@OUT_VOL





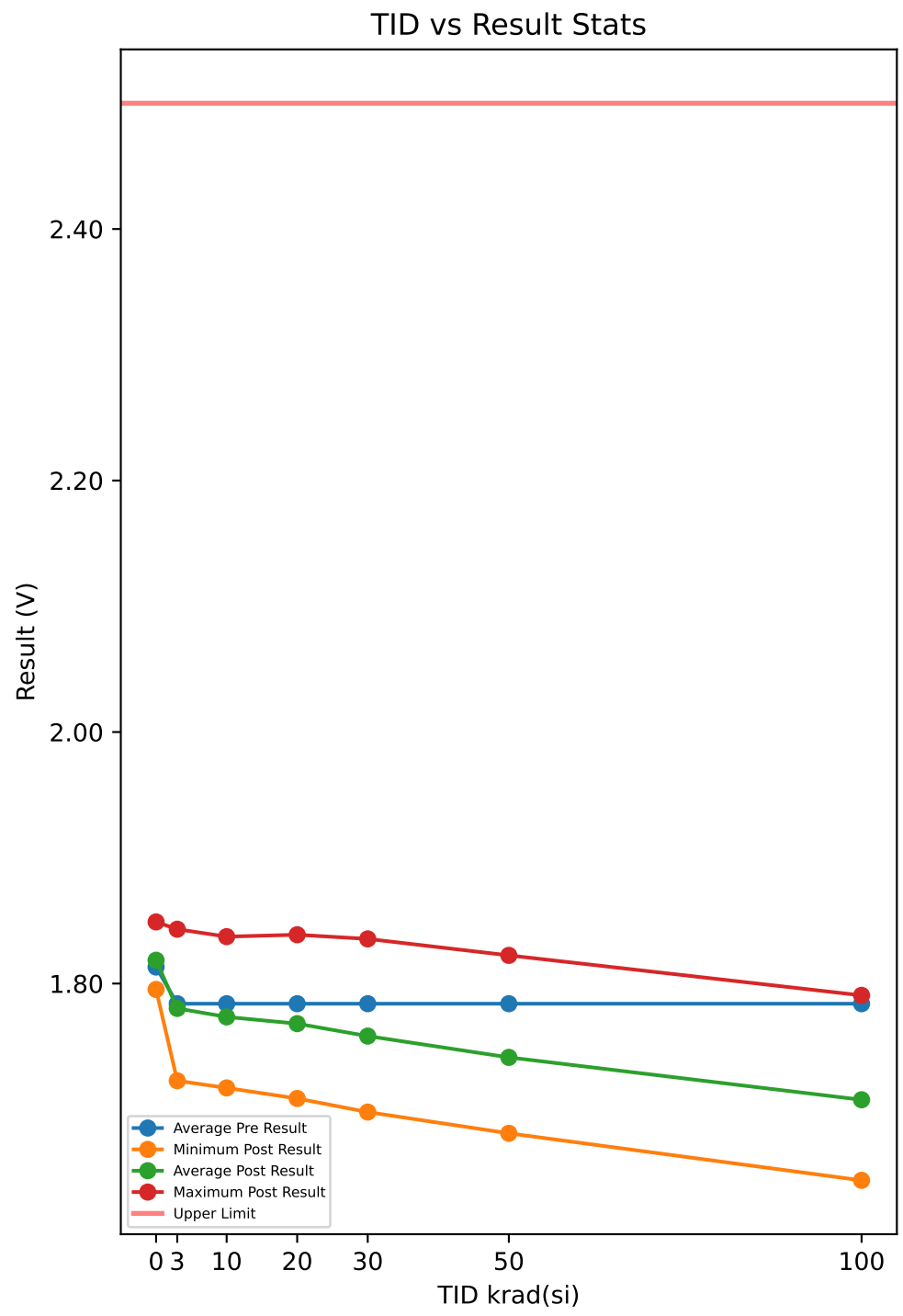
Test Results (Upper Limit = 0.15 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0795	0.0794	-0.0001
2	3	LDR BIAS	0.0791	0.0784	-0.0007
3	3	LDR BIAS	0.0795	0.0796	0.0001
4	3	LDR BIAS	0.0788	0.0786	-0.0002
5	3	LDR BIAS	0.0795	0.0793	-0.0002
6	3	LDR UNBIAS	0.0785	0.0784	-0.0001
7	3	LDR UNBIAS	0.0798	0.0796	-0.0002
8	3	LDR UNBIAS	0.0793	0.0794	0.0001
9	3	LDR UNBIAS	0.0796	0.0794	-0.0002
10	3	LDR UNBIAS	0.0786	0.0791	0.0005
11	0	CORRELATION	0.0798	0.0792	-0.0006
12	0	CORRELATION	0.0798	0.0787	-0.0011
13	0	CORRELATION	0.0805	0.0793	-0.0012
14	0	CORRELATION	0.0783	0.0786	0.0003
21	10	LDR BIAS	0.0795	0.0786	-0.0009
22	10	LDR BIAS	0.0791	0.0787	-0.0004
23	10	LDR BIAS	0.0795	0.0789	-0.0006
24	10	LDR BIAS	0.0788	0.0776	-0.0012
25	10	LDR BIAS	0.0795	0.0778	-0.0017
26	10	LDR UNBIAS	0.0785	0.0785	0
27	10	LDR UNBIAS	0.0798	0.0795	-0.0003
28	10	LDR UNBIAS	0.0793	0.0782	-0.0011
29	10	LDR UNBIAS	0.0796	0.0781	-0.0015
30	10	LDR UNBIAS	0.0786	0.0791	0.0005
31	20	LDR BIAS	0.0795	0.0777	-0.0018
32	20	LDR BIAS	0.0791	0.0767	-0.0024
33	20	LDR BIAS	0.0795	0.0792	-0.0003
34	20	LDR BIAS	0.0788	0.0767	-0.0021
35	20	LDR BIAS	0.0795	0.0778	-0.0017
36	20	LDR UNBIAS	0.0785	0.0779	-0.0006
37	20	LDR UNBIAS	0.0798	0.0784	-0.0014
38	20	LDR UNBIAS	0.0793	0.0782	-0.0011
39	20	LDR UNBIAS	0.0796	0.0786	-0.001
40	20	LDR UNBIAS	0.0786	0.0778	-0.0008
41	30	LDR BIAS	0.0795	0.0773	-0.0022
42	30	LDR BIAS	0.0791	0.0775	-0.0016
43	30	LDR BIAS	0.0795	0.0792	-0.0003
44	30	LDR BIAS	0.0788	0.0766	-0.0022
45	30	LDR BIAS	0.0795	0.0776	-0.0019
46	30	LDR UNBIAS	0.0785	0.0782	-0.0003
47	30	LDR UNBIAS	0.0798	0.0785	-0.0013
48	30	LDR UNBIAS	0.0793	0.0782	-0.0011
49	30	LDR UNBIAS	0.0796	0.0783	-0.0013
50	30	LDR UNBIAS	0.0786	0.0783	-0.0003
51	50	LDR BIAS	0.0795	0.0774	-0.0021
52	50	LDR BIAS	0.0791	0.0779	-0.0012
53	50	LDR BIAS	0.0795	0.0799	0.0004
54	50	LDR BIAS	0.0788	0.077	-0.0018
55	50	LDR BIAS	0.0795	0.0776	-0.0019
56	50	LDR UNBIAS	0.0785	0.0785	0
57	50	LDR UNBIAS	0.0798	0.0791	-0.0007
58	50	LDR UNBIAS	0.0793	0.0787	-0.0006
59	50	LDR UNBIAS	0.0796	0.0785	-0.0011
60	50	LDR UNBIAS	0.0786	0.0787	0.0001
61	100	LDR BIAS	0.0795	0.0775	-0.002
62	100	LDR BIAS	0.0791	0.0779	-0.0012
63	100	LDR BIAS	0.0795	0.0798	0.0003
64	100	LDR BIAS	0.0788	0.0773	-0.0015
65	100	LDR BIAS	0.0795	0.0777	-0.0018
66	100	LDR UNBIAS	0.0785	0.0787	0.0002
67	100	LDR UNBIAS	0.0798	0.0792	-0.0006
68	100	LDR UNBIAS	0.0793	0.0787	-0.0006
69	100	LDR UNBIAS	0.0796	0.0785	-0.0011
70	100	LDR UNBIAS	0.0786	0.0787	0.0001

Test Statistics (V)

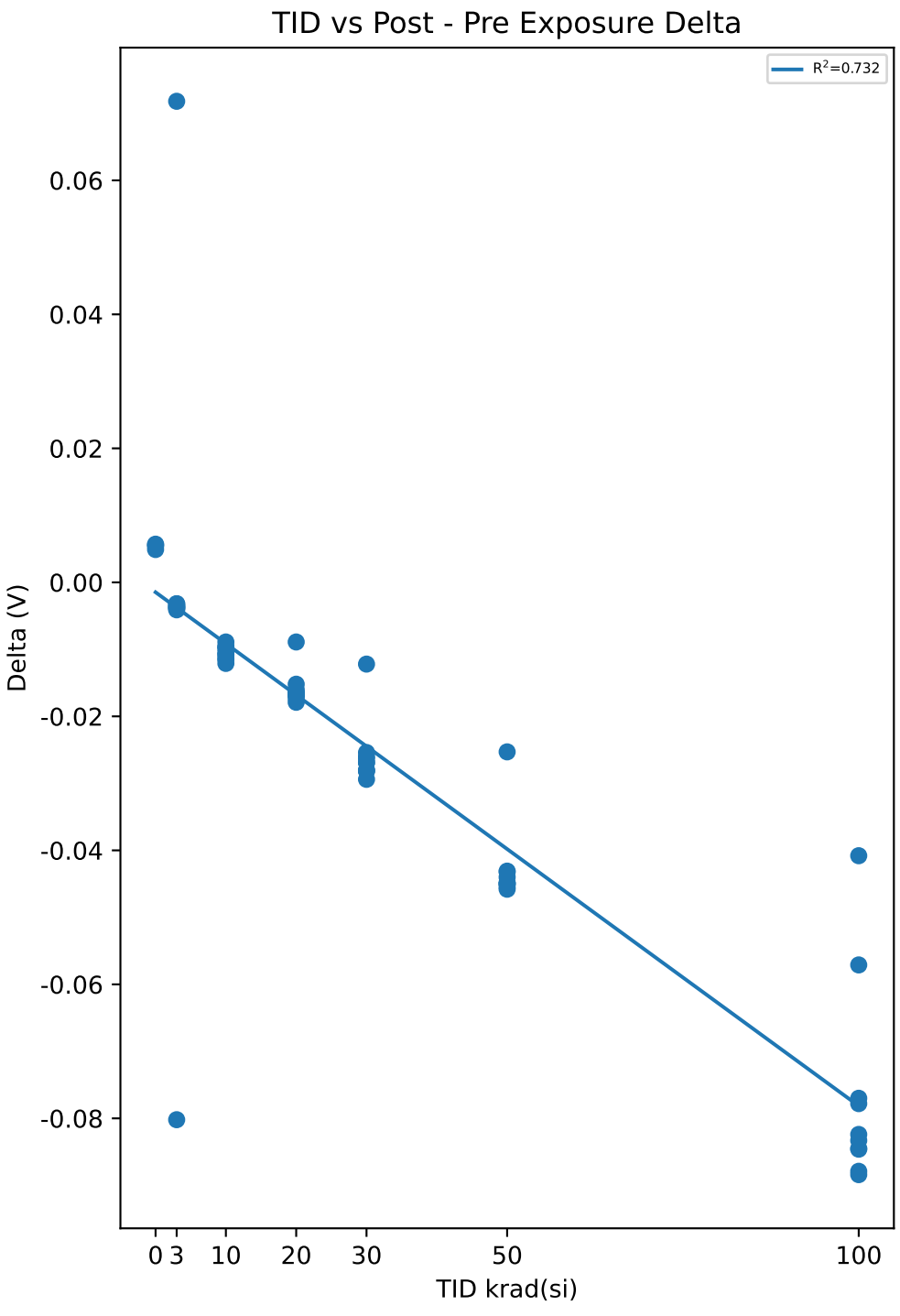
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.0783	0.0796	0.0805	0.00092736	0.0786	0.07895	0.0793	0.00035119	-0.0012	-0.00065	0.0003	0.00068557
3	0.0785	0.07922	0.0798	0.0004492	0.0784	0.07912	0.0796	0.00047563	-0.0007	-0.0001	0.0005	0.00030551
10	0.0785	0.07922	0.0798	0.0004492	0.0776	0.0785	0.0795	0.00058878	-0.0017	-0.00072	0.0005	0.00068928
20	0.0785	0.07922	0.0798	0.0004492	0.0767	0.0779	0.0792	0.00077889	-0.0024	-0.00132	-0.0003	0.00067791
30	0.0785	0.07922	0.0798	0.0004492	0.0766	0.07797	0.0792	0.00073037	-0.0022	-0.00125	-0.0003	0.00075166
50	0.0785	0.07922	0.0798	0.0004492	0.077	0.07833	0.0799	0.00086545	-0.0021	-0.00089	0.0004	0.00088248
100	0.0785	0.07922	0.0798	0.0004492	0.0773	0.0784	0.0798	0.00079162	-0.002	-0.00082	0.0003	0.00083506

Device Test: 24.30 VOLTAGE|OUT_CLAMP/OUTL/5/0/0/0/0/0//@OUT_CLAMP_FULL



Test Results (Upper Limit = 2.5 (V))

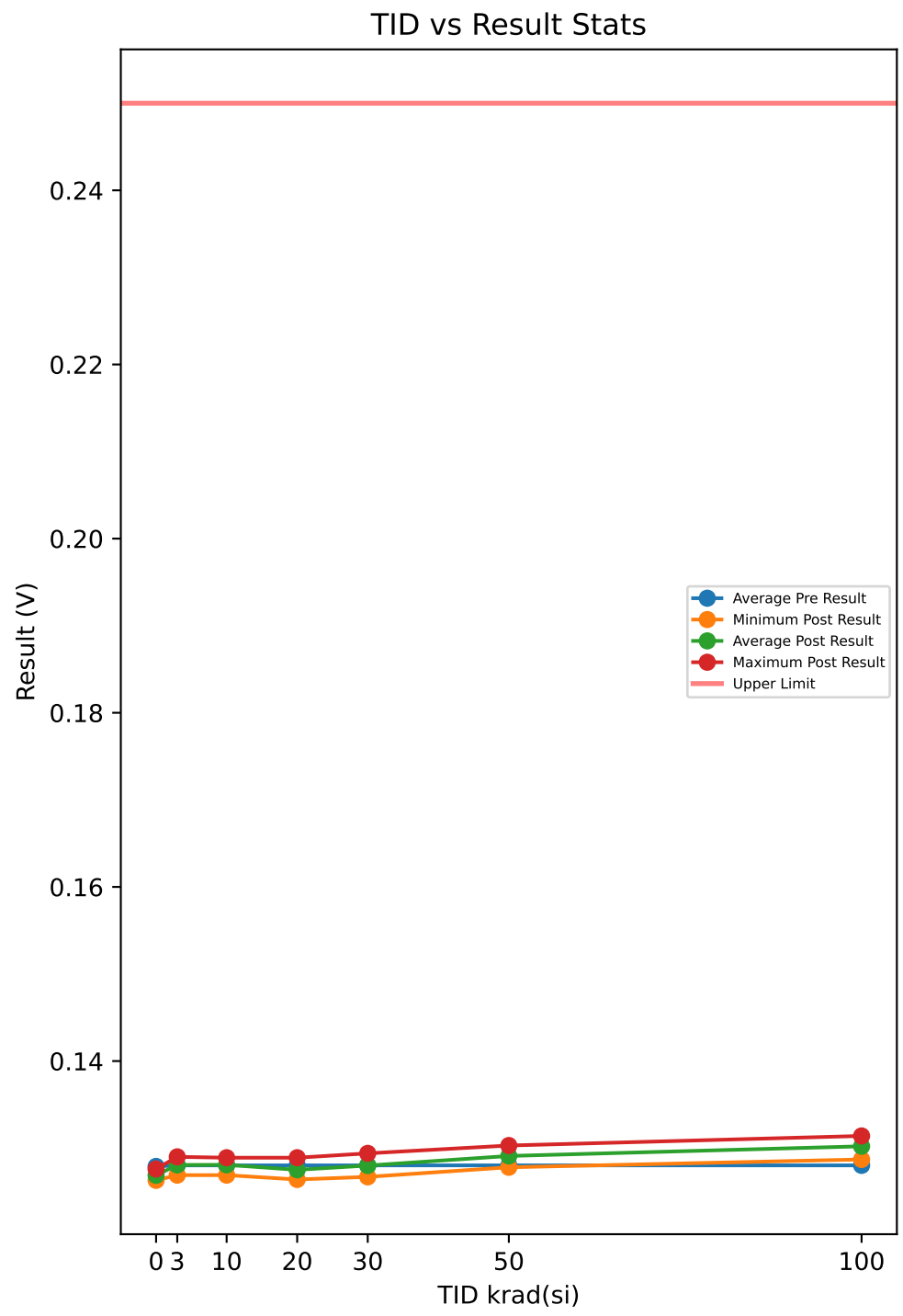
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.7845	1.7807	-0.0038
2	3	LDR BIAS	1.7714	1.8432	0.0718
3	3	LDR BIAS	1.8477	1.7675	-0.0802
4	3	LDR BIAS	1.7909	1.7873	-0.0036
5	3	LDR BIAS	1.7403	1.7371	-0.0032
6	3	LDR UNBIAS	1.7846	1.7809	-0.0037
7	3	LDR UNBIAS	1.8469	1.8428	-0.0041
8	3	LDR UNBIAS	1.8051	1.8012	-0.0039
9	3	LDR UNBIAS	1.7259	1.7227	-0.0032
10	3	LDR UNBIAS	1.7423	1.7388	-0.0035
11	0	CORRELATION	1.8433	1.849	0.0057
12	0	CORRELATION	1.8106	1.8155	0.0049
13	0	CORRELATION	1.8087	1.8143	0.0056
14	0	CORRELATION	1.7899	1.7953	0.0054
21	10	LDR BIAS	1.7845	1.7737	-0.0108
22	10	LDR BIAS	1.7714	1.7599	-0.0115
23	10	LDR BIAS	1.8477	1.8363	-0.0114
24	10	LDR BIAS	1.7909	1.7788	-0.0121
25	10	LDR BIAS	1.7403	1.7295	-0.0108
26	10	LDR UNBIAS	1.7846	1.7742	-0.0104
27	10	LDR UNBIAS	1.8469	1.8373	-0.0096
28	10	LDR UNBIAS	1.8051	1.7952	-0.0099
29	10	LDR UNBIAS	1.7259	1.717	-0.0089
30	10	LDR UNBIAS	1.7423	1.7327	-0.0096
31	20	LDR BIAS	1.7845	1.7677	-0.0168
32	20	LDR BIAS	1.7714	1.7545	-0.0169
33	20	LDR BIAS	1.8477	1.8388	-0.0089
34	20	LDR BIAS	1.7909	1.7749	-0.016
35	20	LDR BIAS	1.7403	1.7239	-0.0164
36	20	LDR UNBIAS	1.7846	1.7667	-0.0179
37	20	LDR UNBIAS	1.8469	1.8317	-0.0152
38	20	LDR UNBIAS	1.8051	1.7886	-0.0165
39	20	LDR UNBIAS	1.7259	1.7086	-0.0173
40	20	LDR UNBIAS	1.7423	1.7256	-0.0167
41	30	LDR BIAS	1.7845	1.7585	-0.026
42	30	LDR BIAS	1.7714	1.7445	-0.0269
43	30	LDR BIAS	1.8477	1.8355	-0.0122
44	30	LDR BIAS	1.7909	1.7646	-0.0263
45	30	LDR BIAS	1.7403	1.7149	-0.0254
46	30	LDR UNBIAS	1.7846	1.7552	-0.0294
47	30	LDR UNBIAS	1.8469	1.82	-0.0269
48	30	LDR UNBIAS	1.8051	1.7771	-0.028
49	30	LDR UNBIAS	1.7259	1.6978	-0.0281
50	30	LDR UNBIAS	1.7423	1.7141	-0.0282
51	50	LDR BIAS	1.7845	1.7413	-0.0432
52	50	LDR BIAS	1.7714	1.7264	-0.045
53	50	LDR BIAS	1.8477	1.8224	-0.0253
54	50	LDR BIAS	1.7909	1.7454	-0.0455
55	50	LDR BIAS	1.7403	1.6972	-0.0431
56	50	LDR UNBIAS	1.7846	1.7388	-0.0458
57	50	LDR UNBIAS	1.8469	1.8029	-0.044
58	50	LDR UNBIAS	1.8051	1.7601	-0.045
59	50	LDR UNBIAS	1.7259	1.6809	-0.045
60	50	LDR UNBIAS	1.7423	1.6975	-0.0448
61	100	LDR BIAS	1.7845	1.7	-0.0845
62	100	LDR BIAS	1.7714	1.683	-0.0884
63	100	LDR BIAS	1.8477	1.7906	-0.0571
64	100	LDR BIAS	1.7909	1.703	-0.0879
65	100	LDR BIAS	1.7403	1.6557	-0.0846
66	100	LDR UNBIAS	1.7846	1.7013	-0.0833
67	100	LDR UNBIAS	1.8469	1.7699	-0.077
68	100	LDR UNBIAS	1.8051	1.7273	-0.0778
69	100	LDR UNBIAS	1.7259	1.6435	-0.0824
70	100	LDR UNBIAS	1.7423	1.7015	-0.0408

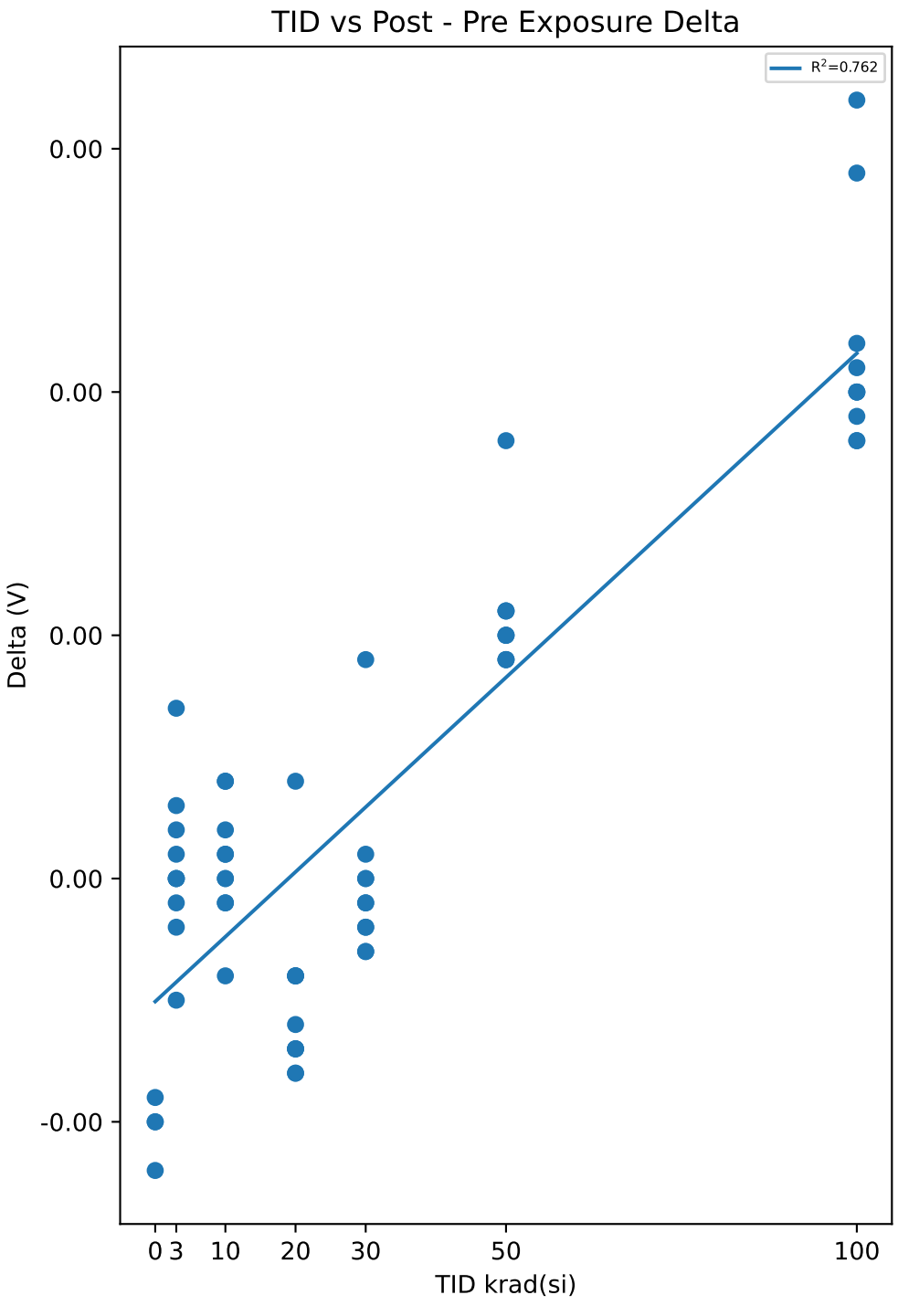


Test Statistics (V)

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	1.7899	1.8131	1.8433	0.02218	1.7953	1.8185	1.849	0.022324	0.0049	0.0054	0.0057	0.0003559
3	1.7259	1.784	1.8477	0.041754	1.7227	1.7802	1.8432	0.041391	-0.0802	-0.00374	0.0718	0.035829
10	1.7259	1.784	1.8477	0.041754	1.717	1.7735	1.8373	0.041488	-0.0121	-0.0105	-0.0089	0.0010055
20	1.7259	1.784	1.8477	0.041754	1.7086	1.7681	1.8388	0.043458	-0.0179	-0.01586	-0.0089	0.0025496
30	1.7259	1.784	1.8477	0.041754	1.6978	1.7582	1.8355	0.044544	-0.0294	-0.02574	-0.0122	0.0049063
50	1.7259	1.784	1.8477	0.041754	1.6809	1.7413	1.8224	0.045316	-0.0458	-0.04267	-0.0253	0.0061696
100	1.7259	1.784	1.8477	0.041754	1.6435	1.7076	1.7906	0.045609	-0.0884	-0.07638	-0.0408	0.015402

Device Test: 24.4 LEVEL|HIGH_LEVEL/OUTH/5/5/0/0/5/500kHz//@OUT_VOH





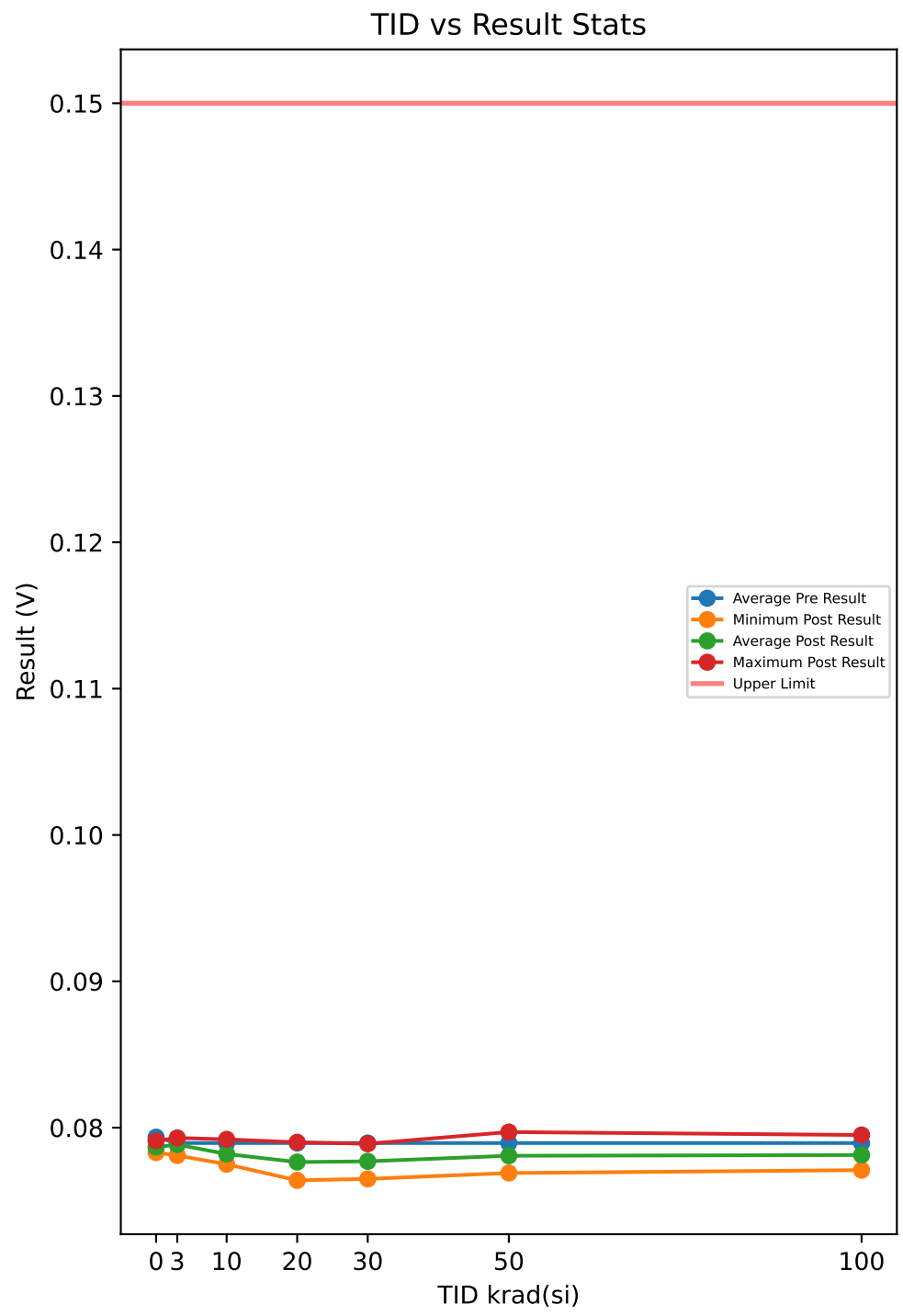
Test Results (Upper Limit = 0.25 (V))

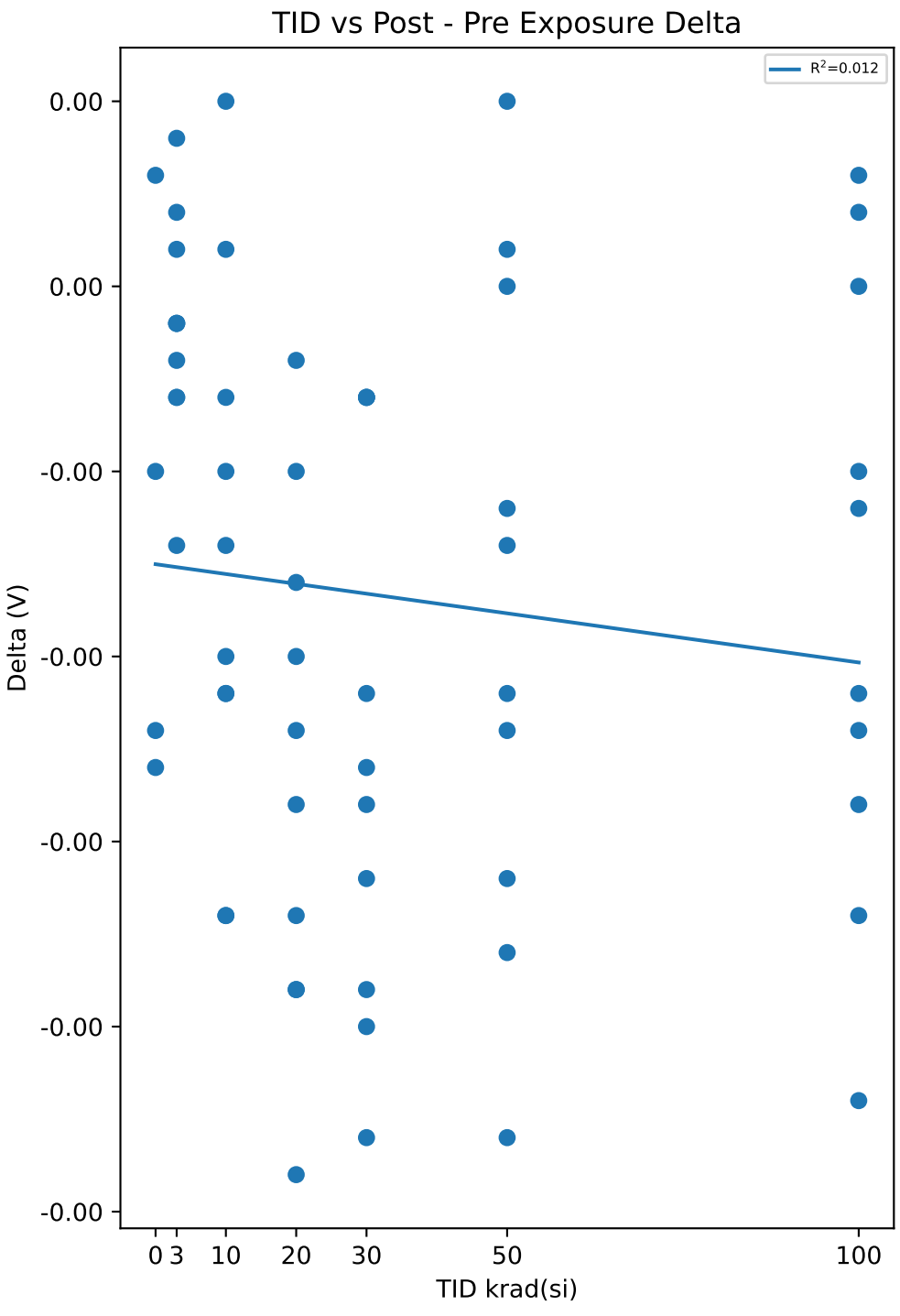
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.1269	0.1269	0
2	3	LDR BIAS	0.128	0.1287	0.0007
3	3	LDR BIAS	0.1285	0.1283	-0.0002
4	3	LDR BIAS	0.1285	0.1285	0
5	3	LDR BIAS	0.1289	0.129	0.0001
6	3	LDR UNBIAS	0.1283	0.1283	0
7	3	LDR UNBIAS	0.1279	0.1282	0.0003
8	3	LDR UNBIAS	0.1268	0.127	0.0002
9	3	LDR UNBIAS	0.1289	0.1288	-0.0001
10	3	LDR UNBIAS	0.1275	0.127	-0.0005
11	0	CORRELATION	0.1276	0.1267	-0.0009
12	0	CORRELATION	0.1275	0.1263	-0.0012
13	0	CORRELATION	0.1279	0.1269	-0.001
14	0	CORRELATION	0.1286	0.1276	-0.001
21	10	LDR BIAS	0.1269	0.1271	0.0002
22	10	LDR BIAS	0.128	0.1284	0.0004
23	10	LDR BIAS	0.1285	0.1289	0.0004
24	10	LDR BIAS	0.1285	0.1286	0.0001
25	10	LDR BIAS	0.1289	0.1289	0
26	10	LDR UNBIAS	0.1283	0.1283	0
27	10	LDR UNBIAS	0.1279	0.1278	-0.0001
28	10	LDR UNBIAS	0.1268	0.1269	0.0001
29	10	LDR UNBIAS	0.1289	0.1285	-0.0004
30	10	LDR UNBIAS	0.1275	0.1274	-0.0001
31	20	LDR BIAS	0.1269	0.1265	-0.0004
32	20	LDR BIAS	0.128	0.1272	-0.0008
33	20	LDR BIAS	0.1285	0.1289	0.0004
34	20	LDR BIAS	0.1285	0.1278	-0.0007
35	20	LDR BIAS	0.1289	0.1285	-0.0004
36	20	LDR UNBIAS	0.1283	0.1276	-0.0007
37	20	LDR UNBIAS	0.1279	0.1272	-0.0007
38	20	LDR UNBIAS	0.1268	0.1264	-0.0004
39	20	LDR UNBIAS	0.1289	0.1283	-0.0006
40	20	LDR UNBIAS	0.1275	0.1267	-0.0008
41	30	LDR BIAS	0.1269	0.1269	0
42	30	LDR BIAS	0.128	0.1277	-0.0003
43	30	LDR BIAS	0.1285	0.1294	0.0009
44	30	LDR BIAS	0.1285	0.1283	-0.0002
45	30	LDR BIAS	0.1289	0.1289	0
46	30	LDR UNBIAS	0.1283	0.1281	-0.0002
47	30	LDR UNBIAS	0.1279	0.128	0.0001
48	30	LDR UNBIAS	0.1268	0.1267	-0.0001
49	30	LDR UNBIAS	0.1289	0.1288	-0.0001
50	30	LDR UNBIAS	0.1275	0.1272	-0.0003
51	50	LDR BIAS	0.1269	0.1278	0.0009
52	50	LDR BIAS	0.128	0.1289	0.0009
53	50	LDR BIAS	0.1285	0.1303	0.0018
54	50	LDR BIAS	0.1285	0.1295	0.001
55	50	LDR BIAS	0.1289	0.1299	0.001
56	50	LDR UNBIAS	0.1283	0.1294	0.0011
57	50	LDR UNBIAS	0.1279	0.129	0.0011
58	50	LDR UNBIAS	0.1268	0.1279	0.0011
59	50	LDR UNBIAS	0.1289	0.1298	0.0009
60	50	LDR UNBIAS	0.1275	0.1285	0.001
61	100	LDR BIAS	0.1269	0.1287	0.0018
62	100	LDR BIAS	0.128	0.13	0.002
63	100	LDR BIAS	0.1285	0.1314	0.0029
64	100	LDR BIAS	0.1285	0.1305	0.002
65	100	LDR BIAS	0.1289	0.1311	0.0022
66	100	LDR UNBIAS	0.1283	0.1304	0.0021
67	100	LDR UNBIAS	0.1279	0.1297	0.0018
68	100	LDR UNBIAS	0.1268	0.1288	0.002
69	100	LDR UNBIAS	0.1289	0.1308	0.0019
70	100	LDR UNBIAS	0.1275	0.1307	0.0032

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	0.1275	0.1279	0.1286	0.00049666	0.1263	0.12688	0.1276	0.00054391	-0.0012	-0.001025	-0.0009	0.00012583
3	0.1268	0.12802	0.1289	0.00075395	0.1269	0.12807	0.129	0.00080007	-0.0005	5e-05	0.0007	0.0003171
10	0.1268	0.12802	0.1289	0.00075395	0.1269	0.12808	0.1289	0.00073303	-0.0004	6e-05	0.0004	0.00024129
20	0.1268	0.12802	0.1289	0.00075395	0.1264	0.12751	0.1289	0.00086468	-0.0008	-0.00051	0.0004	0.0003573
30	0.1268	0.12802	0.1289	0.00075395	0.1267	0.128	0.1294	0.00089069	-0.0003	-2e-05	0.0009	0.00034897
50	0.1268	0.12802	0.1289	0.00075395	0.1278	0.1291	0.1303	0.00084063	0.0009	0.00108	0.0018	0.00026583
100	0.1268	0.12802	0.1289	0.00075395	0.1287	0.13021	0.1314	0.0009122	0.0018	0.00219	0.0032	0.00047481

Device Test: 24.5 LEVEL|LOW_LEVEL/OUTL/12/12/0/0/5/500kHz//@OUT_VOL





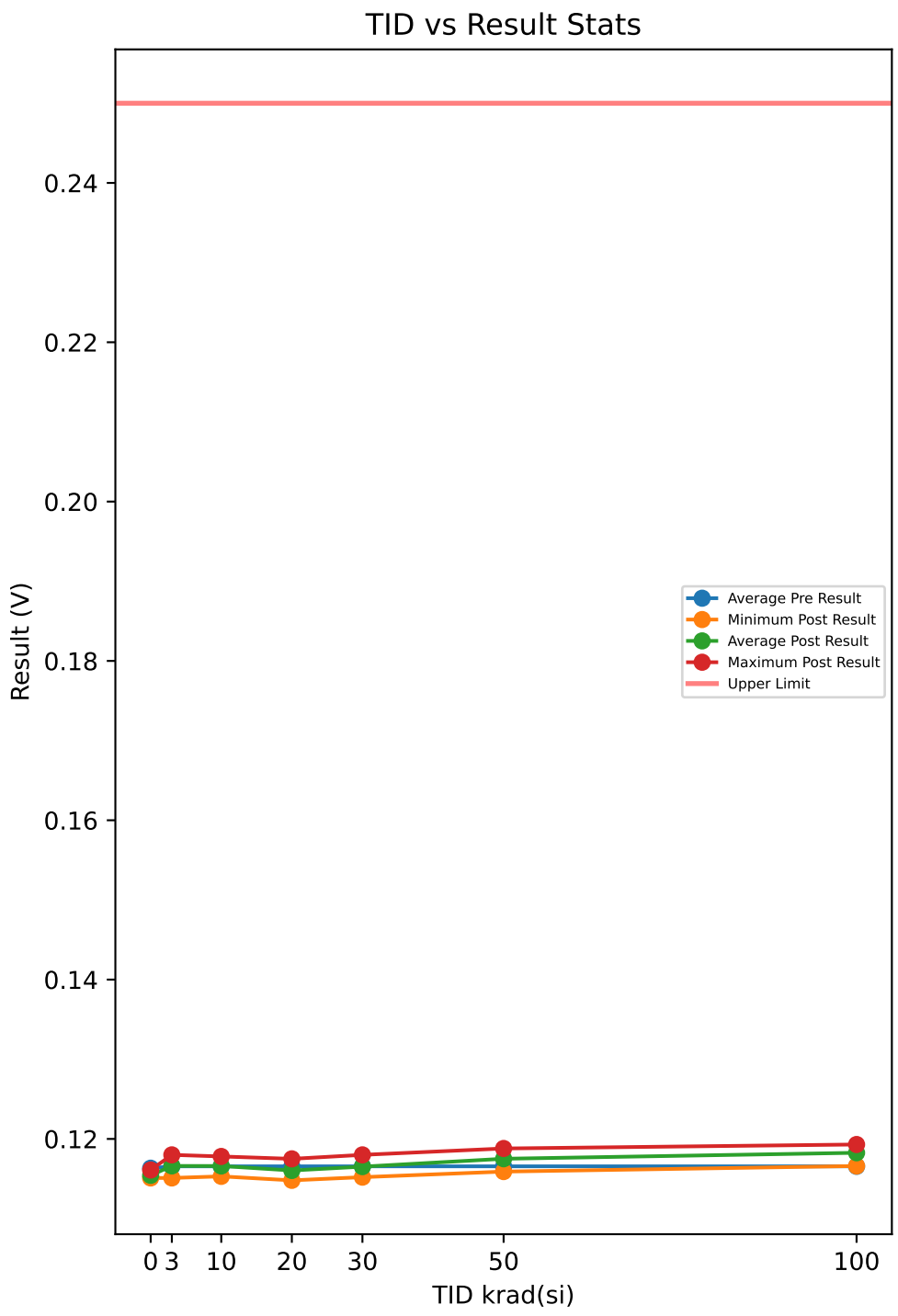
Test Results (Upper Limit = 0.15 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0793	0.079	-0.0003
2	3	LDR BIAS	0.0788	0.0781	-0.0007
3	3	LDR BIAS	0.0792	0.0793	0.0001
4	3	LDR BIAS	0.0785	0.0784	-0.0001
5	3	LDR BIAS	0.0792	0.0791	-0.0001
6	3	LDR UNBIAS	0.0782	0.0781	-0.0001
7	3	LDR UNBIAS	0.0795	0.0793	-0.0002
8	3	LDR UNBIAS	0.079	0.0792	0.0002
9	3	LDR UNBIAS	0.0794	0.0791	-0.0003
10	3	LDR UNBIAS	0.0784	0.0788	0.0004
11	0	CORRELATION	0.0795	0.079	-0.0005
12	0	CORRELATION	0.0796	0.0783	-0.0013
13	0	CORRELATION	0.0803	0.0791	-0.0012
14	0	CORRELATION	0.078	0.0783	0.0003
21	10	LDR BIAS	0.0793	0.0782	-0.0011
22	10	LDR BIAS	0.0788	0.0783	-0.0005
23	10	LDR BIAS	0.0792	0.0785	-0.0007
24	10	LDR BIAS	0.0785	0.0775	-0.001
25	10	LDR BIAS	0.0792	0.0775	-0.0017
26	10	LDR UNBIAS	0.0782	0.0783	0.0001
27	10	LDR UNBIAS	0.0795	0.0792	-0.0003
28	10	LDR UNBIAS	0.079	0.0779	-0.0011
29	10	LDR UNBIAS	0.0794	0.0777	-0.0017
30	10	LDR UNBIAS	0.0784	0.0789	0.0005
31	20	LDR BIAS	0.0793	0.0774	-0.0019
32	20	LDR BIAS	0.0788	0.0764	-0.0024
33	20	LDR BIAS	0.0792	0.079	-0.0002
34	20	LDR BIAS	0.0785	0.0766	-0.0019
35	20	LDR BIAS	0.0792	0.0775	-0.0017
36	20	LDR UNBIAS	0.0782	0.0777	-0.0005
37	20	LDR UNBIAS	0.0795	0.0781	-0.0014
38	20	LDR UNBIAS	0.079	0.078	-0.001
39	20	LDR UNBIAS	0.0794	0.0782	-0.0012
40	20	LDR UNBIAS	0.0784	0.0776	-0.0008
41	30	LDR BIAS	0.0793	0.077	-0.0023
42	30	LDR BIAS	0.0788	0.0772	-0.0016
43	30	LDR BIAS	0.0792	0.0789	-0.0003
44	30	LDR BIAS	0.0785	0.0765	-0.002
45	30	LDR BIAS	0.0792	0.0773	-0.0019
46	30	LDR UNBIAS	0.0782	0.0779	-0.0003
47	30	LDR UNBIAS	0.0795	0.0782	-0.0013
48	30	LDR UNBIAS	0.079	0.0779	-0.0011
49	30	LDR UNBIAS	0.0794	0.078	-0.0014
50	30	LDR UNBIAS	0.0784	0.0781	-0.0003
51	50	LDR BIAS	0.0793	0.077	-0.0023
52	50	LDR BIAS	0.0788	0.0776	-0.0012
53	50	LDR BIAS	0.0792	0.0797	0.0005
54	50	LDR BIAS	0.0785	0.0769	-0.0016
55	50	LDR BIAS	0.0792	0.0774	-0.0018
56	50	LDR UNBIAS	0.0782	0.0782	0
57	50	LDR UNBIAS	0.0795	0.0789	-0.0006
58	50	LDR UNBIAS	0.079	0.0783	-0.0007
59	50	LDR UNBIAS	0.0794	0.0783	-0.0011
60	50	LDR UNBIAS	0.0784	0.0785	0.0001
61	100	LDR BIAS	0.0793	0.0771	-0.0022
62	100	LDR BIAS	0.0788	0.0776	-0.0012
63	100	LDR BIAS	0.0792	0.0795	0.0003
64	100	LDR BIAS	0.0785	0.0771	-0.0014
65	100	LDR BIAS	0.0792	0.0775	-0.0017
66	100	LDR UNBIAS	0.0782	0.0784	0.0002
67	100	LDR UNBIAS	0.0795	0.0789	-0.0006
68	100	LDR UNBIAS	0.079	0.0785	-0.0005
69	100	LDR UNBIAS	0.0794	0.0783	-0.0011
70	100	LDR UNBIAS	0.0784	0.0784	0

Test Statistics (V)

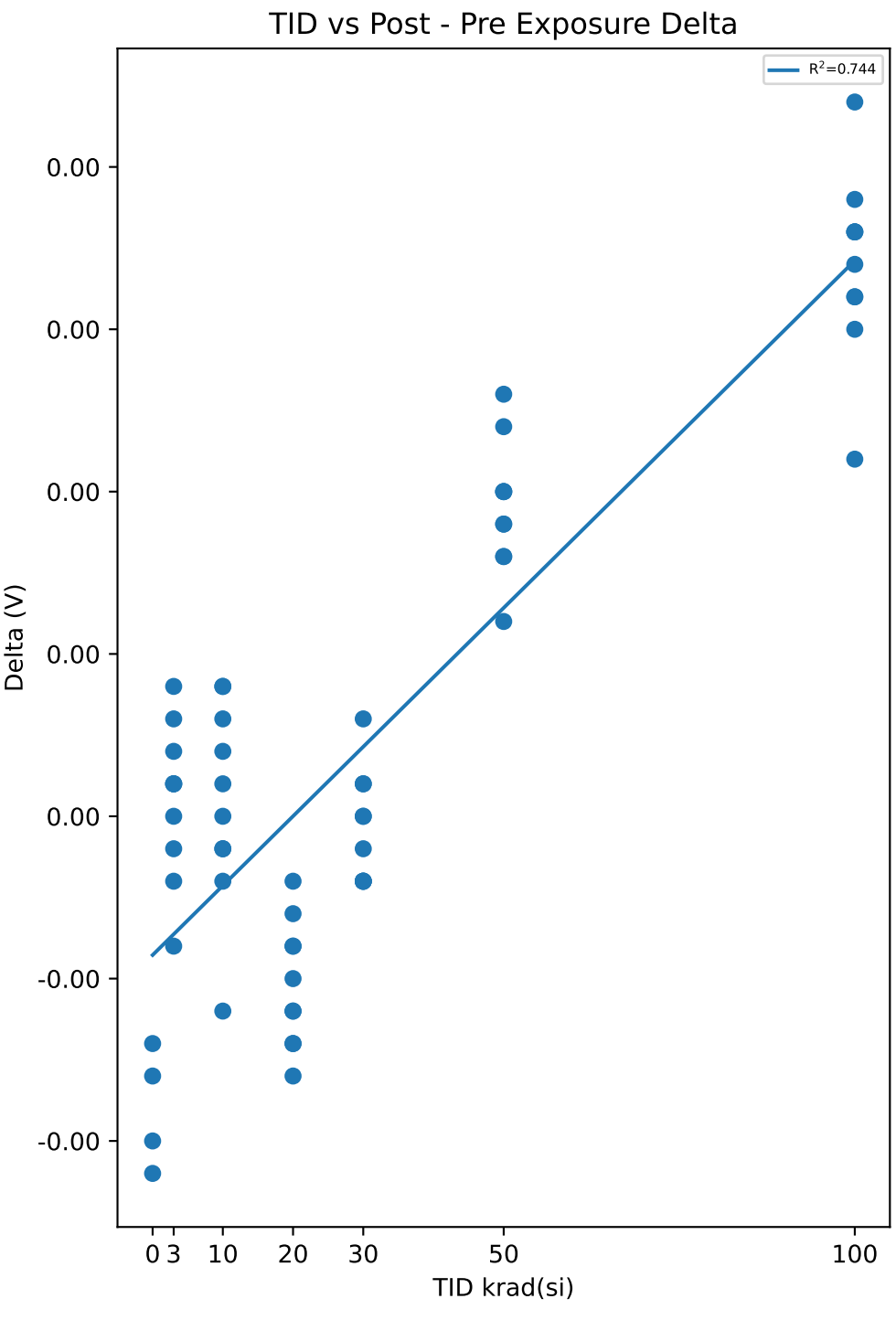
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.078	0.07935	0.0803	0.00096782	0.0783	0.078675	0.0791	0.00043493	-0.0013	-0.000675	0.0003	0.00074106
3	0.0782	0.07895	0.0795	0.00045277	0.0781	0.07884	0.0793	0.00047188	-0.0007	-0.00011	0.0004	0.0003035
10	0.0782	0.07895	0.0795	0.00045277	0.0775	0.0782	0.0792	0.0005696	-0.0017	-0.00075	0.0005	0.00071995
20	0.0782	0.07895	0.0795	0.00045277	0.0764	0.07765	0.079	0.00076048	-0.0024	-0.0013	-0.0002	0.00069121
30	0.0782	0.07895	0.0795	0.00045277	0.0765	0.0777	0.0789	0.00069602	-0.0023	-0.00125	-0.0003	0.00074274
50	0.0782	0.07895	0.0795	0.00045277	0.0769	0.07808	0.0797	0.00087152	-0.0023	-0.00087	0.0005	0.00089944
100	0.0782	0.07895	0.0795	0.00045277	0.0771	0.07813	0.0795	0.00078747	-0.0022	-0.00082	0.0003	0.00084037

Device Test: 24.6 LEVEL|HIGH_LEVEL/OUTH/12/12/0/0/5/500kHz//@OUT_VOH



Test Results (Upper Limit = 0.25 (V))

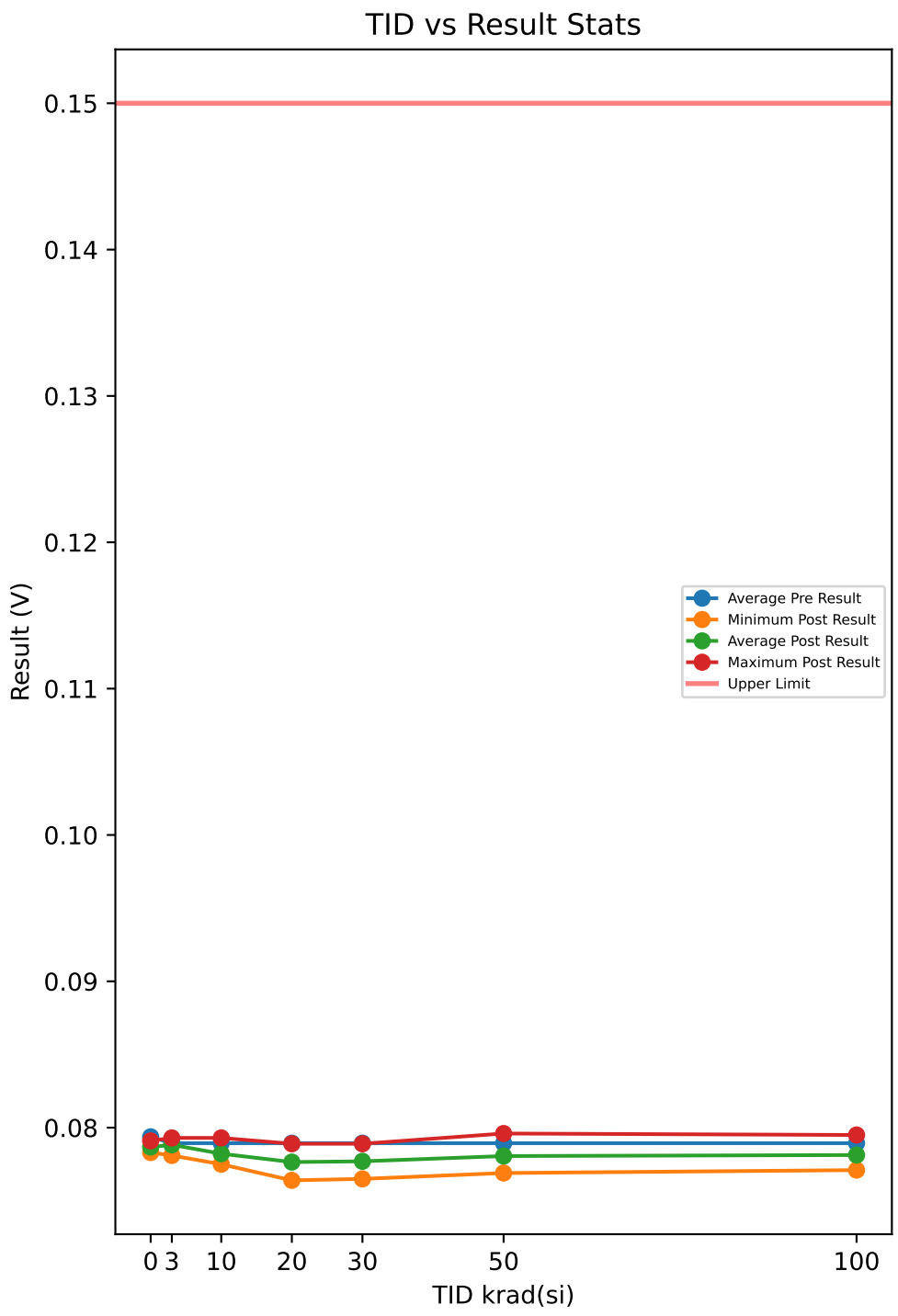
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.1151	0.1151	0
2	3	LDR BIAS	0.1164	0.1165	0.0001
3	3	LDR BIAS	0.1163	0.1167	0.0004
4	3	LDR BIAS	0.1174	0.1176	0.0002
5	3	LDR BIAS	0.1172	0.1173	0.0001
6	3	LDR UNBIAS	0.1162	0.1161	-0.0001
7	3	LDR UNBIAS	0.1172	0.1175	0.0003
8	3	LDR UNBIAS	0.1153	0.1154	0.0001
9	3	LDR UNBIAS	0.1182	0.118	-0.0002
10	3	LDR UNBIAS	0.1163	0.1159	-0.0004
11	0	CORRELATION	0.1158	0.1151	-0.0007
12	0	CORRELATION	0.1163	0.1152	-0.0011
13	0	CORRELATION	0.1161	0.1153	-0.0008
14	0	CORRELATION	0.1171	0.1161	-0.001
21	10	LDR BIAS	0.1151	0.1153	0.0002
22	10	LDR BIAS	0.1164	0.1168	0.0004
23	10	LDR BIAS	0.1163	0.1166	0.0003
24	10	LDR BIAS	0.1174	0.1178	0.0004
25	10	LDR BIAS	0.1172	0.1172	0
26	10	LDR UNBIAS	0.1162	0.1161	-0.0001
27	10	LDR UNBIAS	0.1172	0.1171	-0.0001
28	10	LDR UNBIAS	0.1153	0.1154	0.0001
29	10	LDR UNBIAS	0.1182	0.1176	-0.0006
30	10	LDR UNBIAS	0.1163	0.1161	-0.0002
31	20	LDR BIAS	0.1151	0.1148	-0.0003
32	20	LDR BIAS	0.1164	0.1158	-0.0006
33	20	LDR BIAS	0.1163	0.1161	-0.0002
34	20	LDR BIAS	0.1174	0.117	-0.0004
35	20	LDR BIAS	0.1172	0.1167	-0.0005
36	20	LDR UNBIAS	0.1162	0.1155	-0.0007
37	20	LDR UNBIAS	0.1172	0.1166	-0.0006
38	20	LDR UNBIAS	0.1153	0.1149	-0.0004
39	20	LDR UNBIAS	0.1182	0.1175	-0.0007
40	20	LDR UNBIAS	0.1163	0.1155	-0.0008
41	30	LDR BIAS	0.1151	0.1152	0.0001
42	30	LDR BIAS	0.1164	0.1162	-0.0002
43	30	LDR BIAS	0.1163	0.1166	0.0003
44	30	LDR BIAS	0.1174	0.1174	0
45	30	LDR BIAS	0.1172	0.1172	0
46	30	LDR UNBIAS	0.1162	0.116	-0.0002
47	30	LDR UNBIAS	0.1172	0.1173	0.0001
48	30	LDR UNBIAS	0.1153	0.1152	-0.0001
49	30	LDR UNBIAS	0.1182	0.118	-0.0002
50	30	LDR UNBIAS	0.1163	0.1161	-0.0002
51	50	LDR BIAS	0.1151	0.1159	0.0008
52	50	LDR BIAS	0.1164	0.1174	0.001
53	50	LDR BIAS	0.1163	0.1176	0.0013
54	50	LDR BIAS	0.1174	0.1186	0.0012
55	50	LDR BIAS	0.1172	0.118	0.0008
56	50	LDR UNBIAS	0.1162	0.1172	0.001
57	50	LDR UNBIAS	0.1172	0.1182	0.001
58	50	LDR UNBIAS	0.1153	0.1162	0.0009
59	50	LDR UNBIAS	0.1182	0.1188	0.0006
60	50	LDR UNBIAS	0.1163	0.1172	0.0009
61	100	LDR BIAS	0.1151	0.1166	0.0015
62	100	LDR BIAS	0.1164	0.1183	0.0019
63	100	LDR BIAS	0.1163	0.1185	0.0022
64	100	LDR BIAS	0.1174	0.1192	0.0018
65	100	LDR BIAS	0.1172	0.1189	0.0017
66	100	LDR UNBIAS	0.1162	0.118	0.0018
67	100	LDR UNBIAS	0.1172	0.1188	0.0016
68	100	LDR UNBIAS	0.1153	0.1169	0.0016
69	100	LDR UNBIAS	0.1182	0.1193	0.0011
70	100	LDR UNBIAS	0.1163	0.1181	0.0018

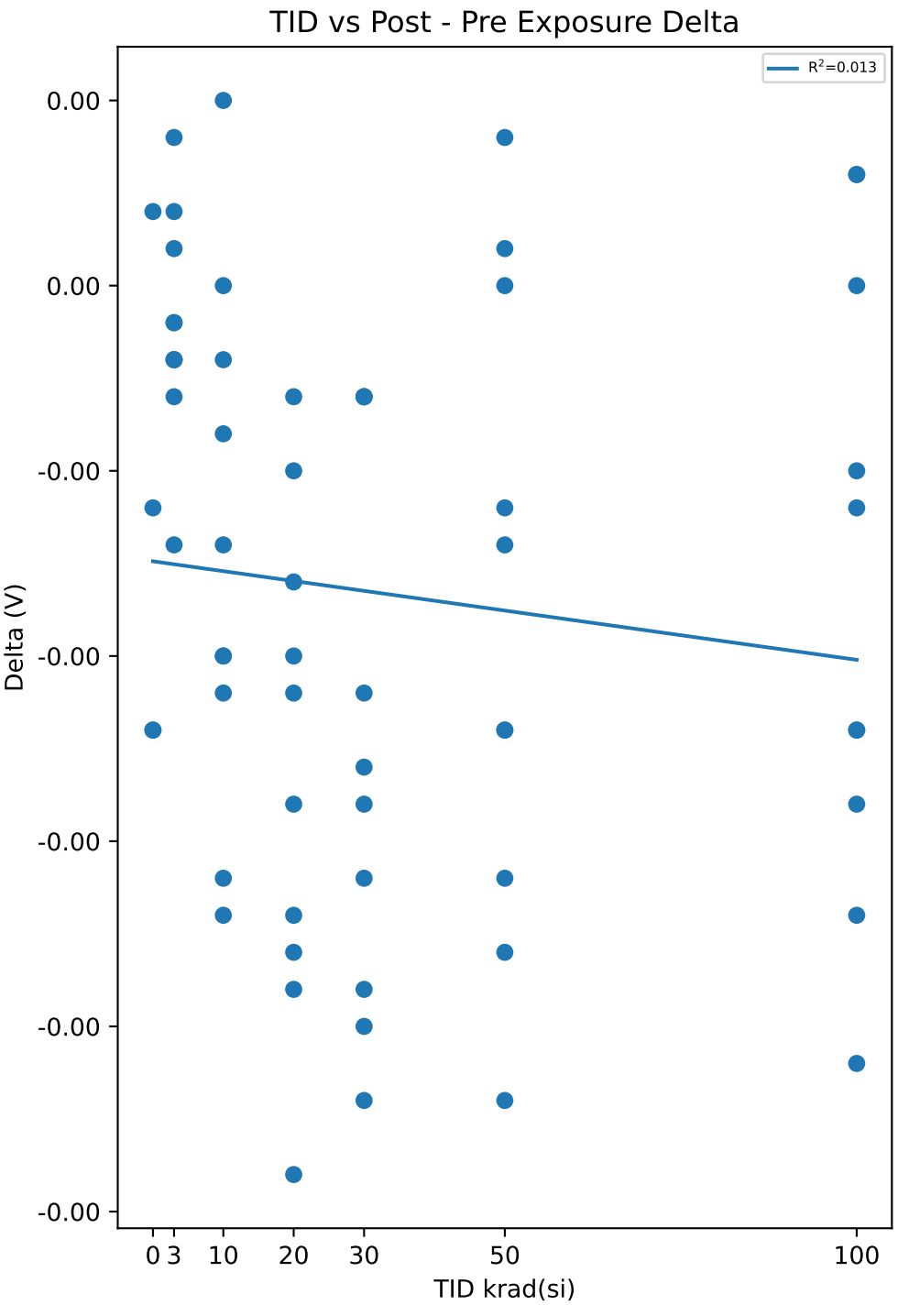


Test Statistics (V)

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	0.1158	0.11632	0.1171	0.00055603	0.1151	0.11542	0.1161	0.00045735	-0.0011	-0.0009	-0.0007	0.00018257
3	0.1151	0.11656	0.1182	0.00095592	0.1151	0.11661	0.118	0.0009837	-0.0004	5e-05	0.0004	0.00023688
10	0.1151	0.11656	0.1182	0.00095592	0.1153	0.1166	0.1178	0.0008641	-0.0006	4e-05	0.0004	0.00030984
20	0.1151	0.11656	0.1182	0.00095592	0.1148	0.11604	0.1175	0.00089963	-0.0008	-0.00052	-0.0002	0.00019322
30	0.1151	0.11656	0.1182	0.00095592	0.1152	0.11652	0.118	0.00094728	-0.0002	-4e-05	0.0003	0.00017127
50	0.1151	0.11656	0.1182	0.00095592	0.1159	0.11751	0.1188	0.00094804	0.0006	0.00095	0.0013	0.00020138
100	0.1151	0.11656	0.1182	0.00095592	0.1166	0.11826	0.1193	0.00090823	0.0011	0.0017	0.0022	0.00028674

Device Test: 24.7 LEVEL|LOW_LEVEL/OUTL/14/14/0/0/5/500kHz//@OUT_VOL





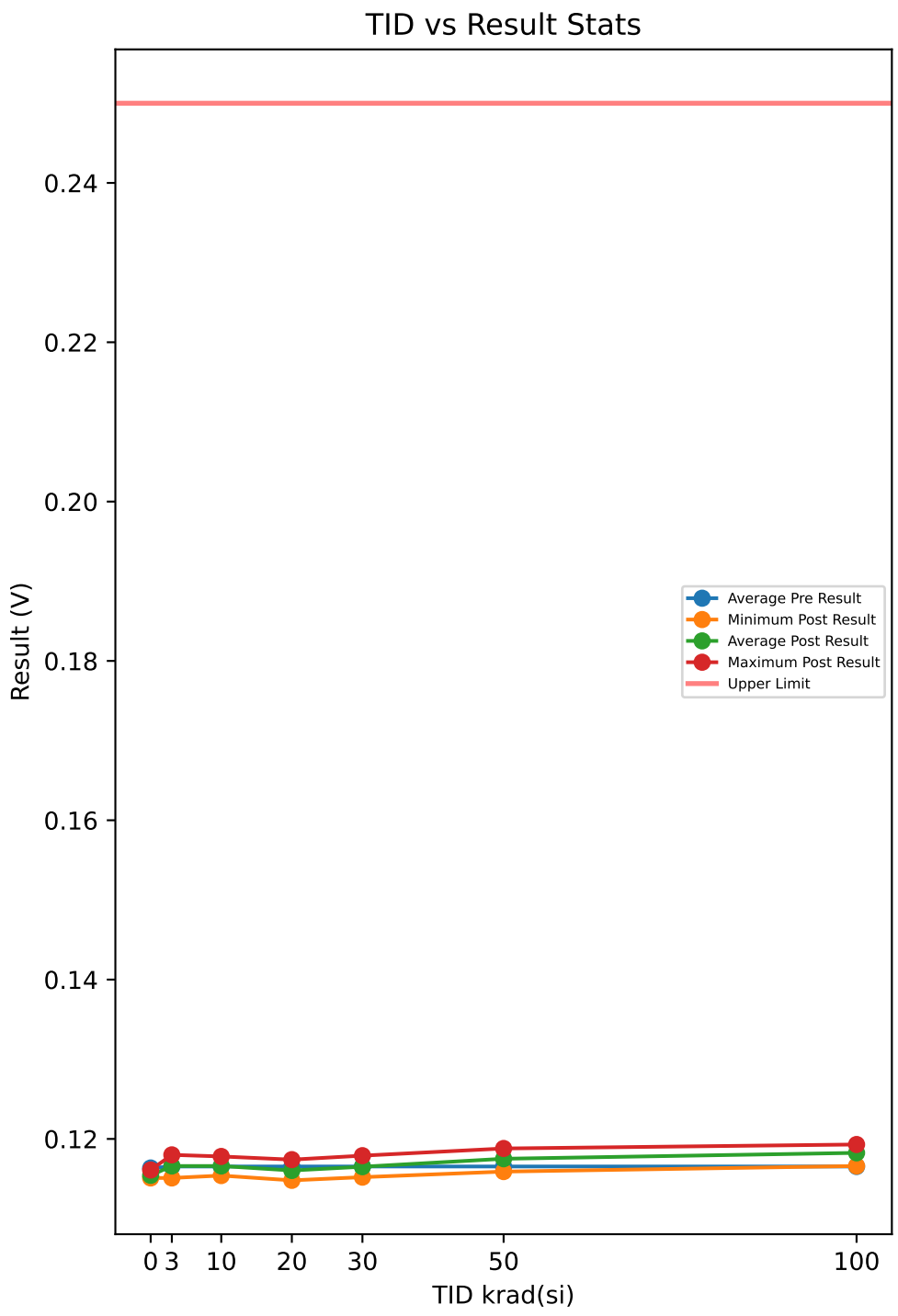
Test Results (Upper Limit = 0.15 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.0792	0.079	-0.0002
2	3	LDR BIAS	0.0788	0.0781	-0.0007
3	3	LDR BIAS	0.0792	0.0793	0.0001
4	3	LDR BIAS	0.0785	0.0784	-0.0001
5	3	LDR BIAS	0.0792	0.079	-0.0002
6	3	LDR UNBIAS	0.0782	0.0781	-0.0001
7	3	LDR UNBIAS	0.0795	0.0793	-0.0002
8	3	LDR UNBIAS	0.079	0.0792	0.0002
9	3	LDR UNBIAS	0.0794	0.0791	-0.0003
10	3	LDR UNBIAS	0.0784	0.0788	0.0004
11	0	CORRELATION	0.0796	0.079	-0.0006
12	0	CORRELATION	0.0795	0.0783	-0.0012
13	0	CORRELATION	0.0803	0.0791	-0.0012
14	0	CORRELATION	0.0781	0.0783	0.0002
21	10	LDR BIAS	0.0792	0.0782	-0.001
22	10	LDR BIAS	0.0788	0.0784	-0.0004
23	10	LDR BIAS	0.0792	0.0785	-0.0007
24	10	LDR BIAS	0.0785	0.0775	-0.001
25	10	LDR BIAS	0.0792	0.0775	-0.0017
26	10	LDR UNBIAS	0.0782	0.0782	0
27	10	LDR UNBIAS	0.0795	0.0793	-0.0002
28	10	LDR UNBIAS	0.079	0.0779	-0.0011
29	10	LDR UNBIAS	0.0794	0.0778	-0.0016
30	10	LDR UNBIAS	0.0784	0.0789	0.0005
31	20	LDR BIAS	0.0792	0.0774	-0.0018
32	20	LDR BIAS	0.0788	0.0764	-0.0024
33	20	LDR BIAS	0.0792	0.0789	-0.0003
34	20	LDR BIAS	0.0785	0.0766	-0.0019
35	20	LDR BIAS	0.0792	0.0775	-0.0017
36	20	LDR UNBIAS	0.0782	0.0777	-0.0005
37	20	LDR UNBIAS	0.0795	0.0781	-0.0014
38	20	LDR UNBIAS	0.079	0.078	-0.001
39	20	LDR UNBIAS	0.0794	0.0783	-0.0011
40	20	LDR UNBIAS	0.0784	0.0776	-0.0008
41	30	LDR BIAS	0.0792	0.077	-0.0022
42	30	LDR BIAS	0.0788	0.0772	-0.0016
43	30	LDR BIAS	0.0792	0.0789	-0.0003
44	30	LDR BIAS	0.0785	0.0765	-0.002
45	30	LDR BIAS	0.0792	0.0773	-0.0019
46	30	LDR UNBIAS	0.0782	0.0779	-0.0003
47	30	LDR UNBIAS	0.0795	0.0782	-0.0013
48	30	LDR UNBIAS	0.079	0.0779	-0.0011
49	30	LDR UNBIAS	0.0794	0.078	-0.0014
50	30	LDR UNBIAS	0.0784	0.0781	-0.0003
51	50	LDR BIAS	0.0792	0.077	-0.0022
52	50	LDR BIAS	0.0788	0.0776	-0.0012
53	50	LDR BIAS	0.0792	0.0796	0.0004
54	50	LDR BIAS	0.0785	0.0769	-0.0016
55	50	LDR BIAS	0.0792	0.0774	-0.0018
56	50	LDR UNBIAS	0.0782	0.0782	0
57	50	LDR UNBIAS	0.0795	0.0789	-0.0006
58	50	LDR UNBIAS	0.079	0.0783	-0.0007
59	50	LDR UNBIAS	0.0794	0.0782	-0.0012
60	50	LDR UNBIAS	0.0784	0.0785	0.0001
61	100	LDR BIAS	0.0792	0.0771	-0.0021
62	100	LDR BIAS	0.0788	0.0776	-0.0012
63	100	LDR BIAS	0.0792	0.0795	0.0003
64	100	LDR BIAS	0.0785	0.0771	-0.0014
65	100	LDR BIAS	0.0792	0.0775	-0.0017
66	100	LDR UNBIAS	0.0782	0.0785	0.0003
67	100	LDR UNBIAS	0.0795	0.0789	-0.0006
68	100	LDR UNBIAS	0.079	0.0785	-0.0005
69	100	LDR UNBIAS	0.0794	0.0782	-0.0012
70	100	LDR UNBIAS	0.0784	0.0784	0

Test Statistics (V)

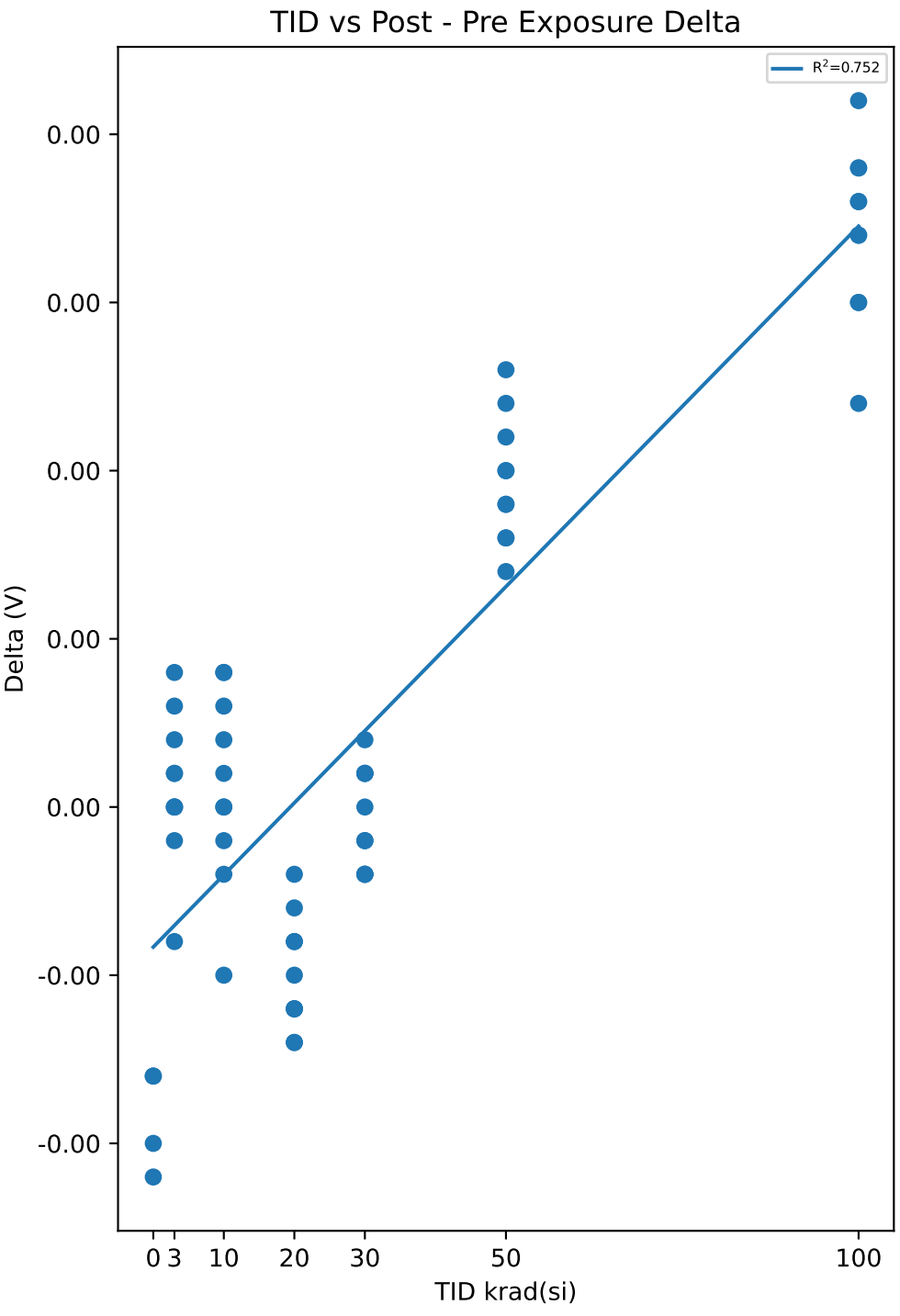
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.0781	0.079375	0.0803	0.0009215	0.0783	0.078675	0.0791	0.00043493	-0.0012	-0.0007	0.0002	0.00066332
3	0.0782	0.07894	0.0795	0.00044522	0.0781	0.07883	0.0793	0.00046679	-0.0007	-0.00011	0.0004	0.00029981
10	0.0782	0.07894	0.0795	0.00044522	0.0775	0.07822	0.0793	0.00058271	-0.0017	-0.00072	0.0005	0.00070048
20	0.0782	0.07894	0.0795	0.00044522	0.0764	0.07765	0.0789	0.00075019	-0.0024	-0.00129	-0.0003	0.00066742
30	0.0782	0.07894	0.0795	0.00044522	0.0765	0.0777	0.0789	0.00069602	-0.0022	-0.00124	-0.0003	0.00072755
50	0.0782	0.07894	0.0795	0.00044522	0.0769	0.07806	0.0796	0.00084879	-0.0022	-0.00088	0.0004	0.00086897
100	0.0782	0.07894	0.0795	0.00044522	0.0771	0.07813	0.0795	0.00079029	-0.0021	-0.00081	0.0003	0.00084123

Device Test: 24.8 LEVEL|HIGH_LEVEL/OUTH/14/14/0/0/5/500kHz//@OUT_VOH



Test Results (Upper Limit = 0.25 (V))

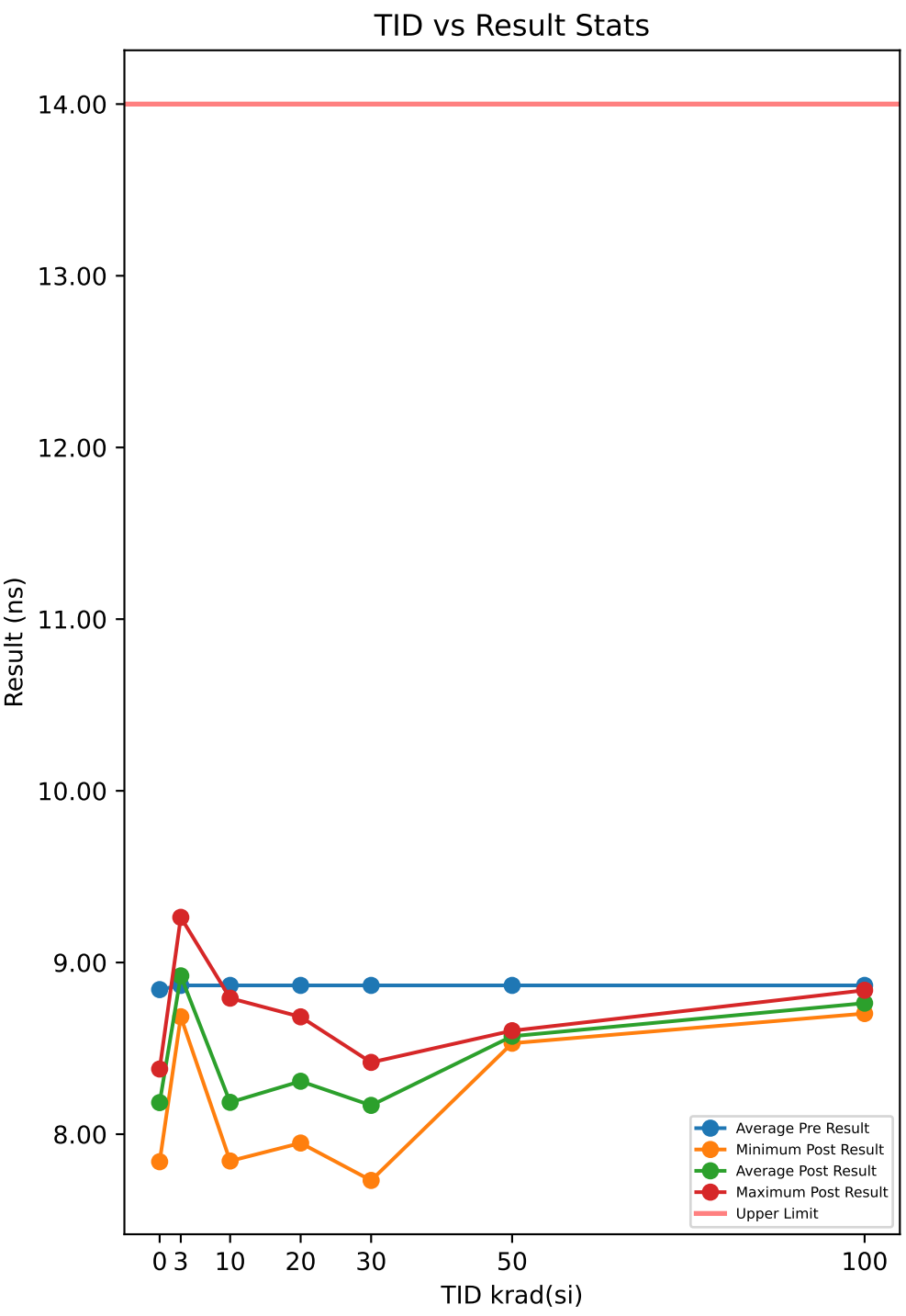
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.1151	0.1151	0
2	3	LDR BIAS	0.1164	0.1164	0
3	3	LDR BIAS	0.1163	0.1167	0.0004
4	3	LDR BIAS	0.1174	0.1176	0.0002
5	3	LDR BIAS	0.1172	0.1173	0.0001
6	3	LDR UNBIAS	0.1161	0.1161	0
7	3	LDR UNBIAS	0.1172	0.1175	0.0003
8	3	LDR UNBIAS	0.1153	0.1154	0.0001
9	3	LDR UNBIAS	0.1181	0.118	-0.0001
10	3	LDR UNBIAS	0.1163	0.1159	-0.0004
11	0	CORRELATION	0.1159	0.1151	-0.0008
12	0	CORRELATION	0.1163	0.1152	-0.0011
13	0	CORRELATION	0.1161	0.1153	-0.0008
14	0	CORRELATION	0.1171	0.1161	-0.001
21	10	LDR BIAS	0.1151	0.1154	0.0003
22	10	LDR BIAS	0.1164	0.1168	0.0004
23	10	LDR BIAS	0.1163	0.1165	0.0002
24	10	LDR BIAS	0.1174	0.1178	0.0004
25	10	LDR BIAS	0.1172	0.1172	0
26	10	LDR UNBIAS	0.1161	0.1161	0
27	10	LDR UNBIAS	0.1172	0.117	-0.0002
28	10	LDR UNBIAS	0.1153	0.1154	0.0001
29	10	LDR UNBIAS	0.1181	0.1176	-0.0005
30	10	LDR UNBIAS	0.1163	0.1162	-0.0001
31	20	LDR BIAS	0.1151	0.1148	-0.0003
32	20	LDR BIAS	0.1164	0.1158	-0.0006
33	20	LDR BIAS	0.1163	0.1161	-0.0002
34	20	LDR BIAS	0.1174	0.117	-0.0004
35	20	LDR BIAS	0.1172	0.1167	-0.0005
36	20	LDR UNBIAS	0.1161	0.1155	-0.0006
37	20	LDR UNBIAS	0.1172	0.1166	-0.0006
38	20	LDR UNBIAS	0.1153	0.1149	-0.0004
39	20	LDR UNBIAS	0.1181	0.1174	-0.0007
40	20	LDR UNBIAS	0.1163	0.1156	-0.0007
41	30	LDR BIAS	0.1151	0.1152	0.0001
42	30	LDR BIAS	0.1164	0.1162	-0.0002
43	30	LDR BIAS	0.1163	0.1165	0.0002
44	30	LDR BIAS	0.1174	0.1175	0.0001
45	30	LDR BIAS	0.1172	0.1172	0
46	30	LDR UNBIAS	0.1161	0.116	-0.0001
47	30	LDR UNBIAS	0.1172	0.1173	0.0001
48	30	LDR UNBIAS	0.1153	0.1152	-0.0001
49	30	LDR UNBIAS	0.1181	0.1179	-0.0002
50	30	LDR UNBIAS	0.1163	0.1161	-0.0002
51	50	LDR BIAS	0.1151	0.1159	0.0008
52	50	LDR BIAS	0.1164	0.1174	0.001
53	50	LDR BIAS	0.1163	0.1175	0.0012
54	50	LDR BIAS	0.1174	0.1187	0.0013
55	50	LDR BIAS	0.1172	0.118	0.0008
56	50	LDR UNBIAS	0.1161	0.1172	0.0011
57	50	LDR UNBIAS	0.1172	0.1181	0.0009
58	50	LDR UNBIAS	0.1153	0.1162	0.0009
59	50	LDR UNBIAS	0.1181	0.1188	0.0007
60	50	LDR UNBIAS	0.1163	0.1173	0.001
61	100	LDR BIAS	0.1151	0.1166	0.0015
62	100	LDR BIAS	0.1164	0.1183	0.0019
63	100	LDR BIAS	0.1163	0.1184	0.0021
64	100	LDR BIAS	0.1174	0.1193	0.0019
65	100	LDR BIAS	0.1172	0.1189	0.0017
66	100	LDR UNBIAS	0.1161	0.1179	0.0018
67	100	LDR UNBIAS	0.1172	0.1187	0.0015
68	100	LDR UNBIAS	0.1153	0.117	0.0017
69	100	LDR UNBIAS	0.1181	0.1193	0.0012
70	100	LDR UNBIAS	0.1163	0.1181	0.0018



Test Statistics (V)

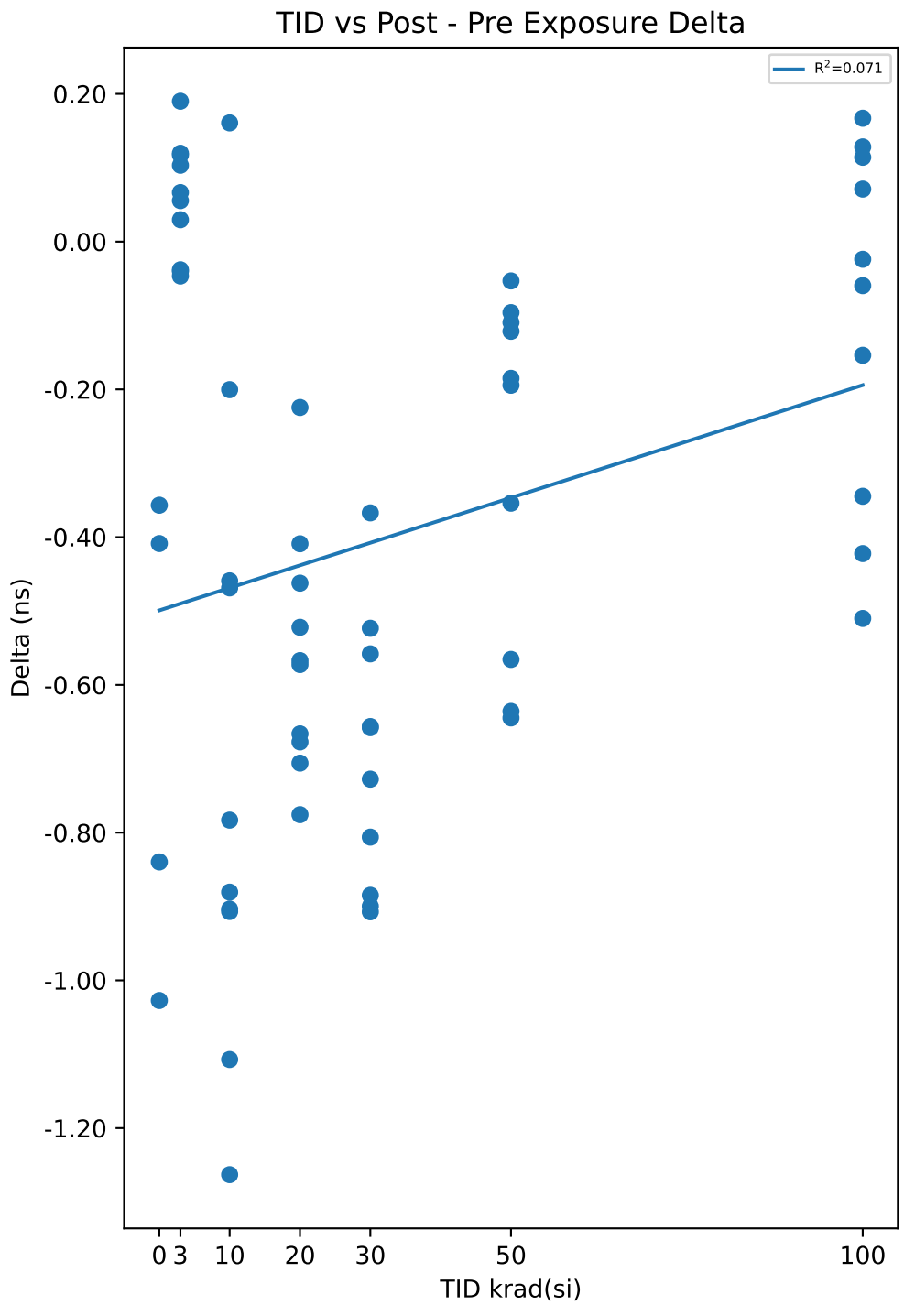
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.1159	0.11635	0.1171	0.00052599	0.1151	0.11542	0.1161	0.00045735	-0.0011	-0.000925	-0.0008	0.00015
3	0.1151	0.11654	0.1181	0.00094187	0.1151	0.1166	0.118	0.00098545	-0.0004	6e-05	0.0004	0.00022211
10	0.1151	0.11654	0.1181	0.00094187	0.1154	0.1166	0.1178	0.00083666	-0.0005	6e-05	0.0004	0.00028363
20	0.1151	0.11654	0.1181	0.00094187	0.1148	0.11604	0.1174	0.00087585	-0.0007	-0.0005	-0.0002	0.00016997
30	0.1151	0.11654	0.1181	0.00094187	0.1152	0.11651	0.1179	0.00094098	-0.0002	-3e-05	0.0002	0.00014944
50	0.1151	0.11654	0.1181	0.00094187	0.1159	0.11751	0.1188	0.00095038	0.0007	0.00097	0.0013	0.00018886
100	0.1151	0.11654	0.1181	0.00094187	0.1166	0.11825	0.1193	0.00089969	0.0012	0.00171	0.0021	0.00025582

Device Test: 24.9 TIMING|OUT_RISE/OUTH/4.5/4.5/0/1000/4.5/500kHz//@OUT_RISE_4P5



Test Results (Upper Limit = 14.0 (ns))

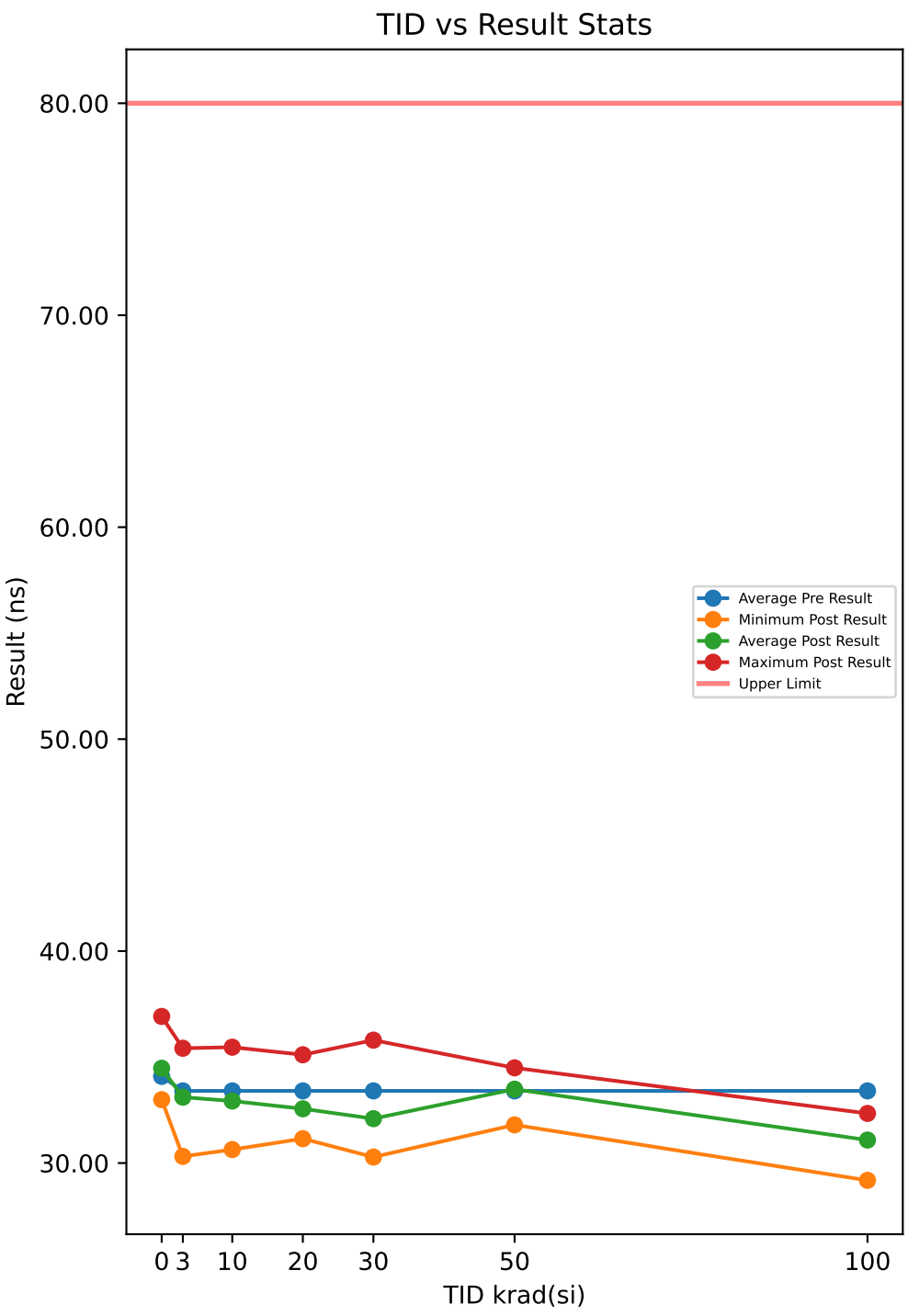
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	8.8996	9.003	0.1034
2	3	LDR BIAS	9.1458	9.2631	0.1173
3	3	LDR BIAS	8.7242	8.684	-0.0402
4	3	LDR BIAS	8.6878	8.7174	0.0296
5	3	LDR BIAS	8.7847	8.9747	0.19
6	3	LDR UNBIAS	9.1657	9.2212	0.0555
7	3	LDR UNBIAS	8.6378	8.7574	0.1196
8	3	LDR UNBIAS	8.7473	8.7092	-0.0381
9	3	LDR UNBIAS	8.6316	8.698	0.0664
10	3	LDR UNBIAS	9.2422	9.1956	-0.0466
11	0	CORRELATION	8.6993	8.2906	-0.4087
12	0	CORRELATION	8.7364	8.3796	-0.3568
13	0	CORRELATION	8.6793	7.8396	-0.8397
14	0	CORRELATION	9.2536	8.2263	-1.0273
21	10	LDR BIAS	8.8996	8.019	-0.8806
22	10	LDR BIAS	9.1458	8.0386	-1.1072
23	10	LDR BIAS	8.7242	8.2555	-0.4687
24	10	LDR BIAS	8.6878	7.9047	-0.7831
25	10	LDR BIAS	8.7847	8.5843	-0.2004
26	10	LDR UNBIAS	9.1657	7.9027	-1.263
27	10	LDR UNBIAS	8.6378	8.1786	-0.4592
28	10	LDR UNBIAS	8.7473	7.8438	-0.9035
29	10	LDR UNBIAS	8.6316	8.7923	0.1607
30	10	LDR UNBIAS	9.2422	8.3354	-0.9068
31	20	LDR BIAS	8.8996	8.3775	-0.5221
32	20	LDR BIAS	9.1458	8.6835	-0.4623
33	20	LDR BIAS	8.7242	7.9485	-0.7757
34	20	LDR BIAS	8.6878	8.1207	-0.5671
35	20	LDR BIAS	8.7847	8.3757	-0.409
36	20	LDR UNBIAS	9.1657	8.5932	-0.5725
37	20	LDR UNBIAS	8.6378	7.9606	-0.6772
38	20	LDR UNBIAS	8.7473	8.081	-0.6663
39	20	LDR UNBIAS	8.6316	8.4071	-0.2245
40	20	LDR UNBIAS	9.2422	8.5363	-0.7059
41	30	LDR BIAS	8.8996	8.2432	-0.6564
42	30	LDR BIAS	9.1458	8.4182	-0.7276
43	30	LDR BIAS	8.7242	7.8246	-0.8996
44	30	LDR BIAS	8.6878	8.1298	-0.558
45	30	LDR BIAS	8.7847	8.2613	-0.5234
46	30	LDR UNBIAS	9.1657	8.3596	-0.8061
47	30	LDR UNBIAS	8.6378	7.7306	-0.9072
48	30	LDR UNBIAS	8.7473	8.0894	-0.6579
49	30	LDR UNBIAS	8.6316	8.2644	-0.3672
50	30	LDR UNBIAS	9.2422	8.3573	-0.8849
51	50	LDR BIAS	8.8996	8.5455	-0.3541
52	50	LDR BIAS	9.1458	8.5803	-0.5655
53	50	LDR BIAS	8.7242	8.6028	-0.1214
54	50	LDR BIAS	8.6878	8.5784	-0.1094
55	50	LDR BIAS	8.7847	8.5996	-0.1851
56	50	LDR UNBIAS	9.1657	8.5298	-0.6359
57	50	LDR UNBIAS	8.6378	8.5846	-0.0532
58	50	LDR UNBIAS	8.7473	8.5529	-0.1944
59	50	LDR UNBIAS	8.6316	8.5355	-0.0961
60	50	LDR UNBIAS	9.2422	8.5975	-0.6447
61	100	LDR BIAS	8.8996	8.7457	-0.1539
62	100	LDR BIAS	9.1458	8.8011	-0.3447
63	100	LDR BIAS	8.7242	8.8384	0.1142
64	100	LDR BIAS	8.6878	8.816	0.1282
65	100	LDR BIAS	8.7847	8.7251	-0.0596
66	100	LDR UNBIAS	9.1657	8.7434	-0.4223
67	100	LDR UNBIAS	8.6378	8.8048	0.167
68	100	LDR UNBIAS	8.7473	8.7234	-0.0239
69	100	LDR UNBIAS	8.6316	8.7027	0.0711
70	100	LDR UNBIAS	9.2422	8.7321	-0.5101



Test Statistics (ns)

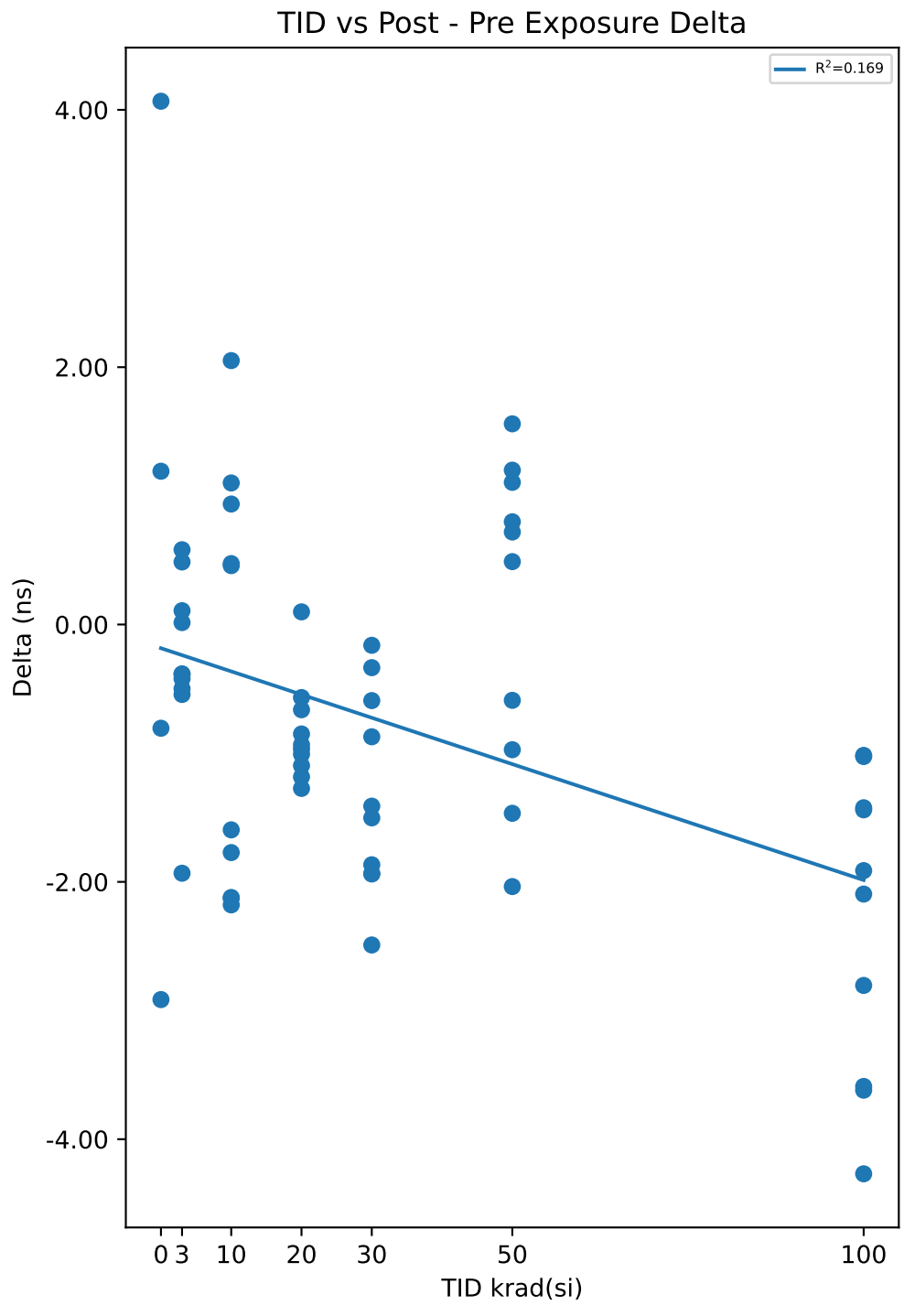
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.6793	8.8422	9.2536	0.27532	7.8396	8.184	8.3796	0.23806	-1.0273	-0.65812	-0.3568	0.32775
3	8.6316	8.8667	9.2422	0.23341	8.684	8.9224	9.2631	0.23831	-0.0466	0.05569	0.19	0.079893
10	8.6316	8.8667	9.2422	0.23341	7.8438	8.1855	8.7923	0.31261	-1.263	-0.68118	0.1607	0.43523
20	8.6316	8.8667	9.2422	0.23341	7.9485	8.3084	8.6835	0.26462	-0.7757	-0.55826	-0.2245	0.16308
30	8.6316	8.8667	9.2422	0.23341	7.7306	8.1678	8.4182	0.2299	-0.9072	-0.69883	-0.3672	0.18097
50	8.6316	8.8667	9.2422	0.23341	8.5298	8.5707	8.6028	0.027472	-0.6447	-0.29598	-0.0532	0.23569
100	8.6316	8.8667	9.2422	0.23341	8.7027	8.7633	8.8384	0.047106	-0.5101	-0.1034	0.167	0.2451

Device Test: 25.1 TIMING|LEB/EN/5/5/0/0/5/500kHz//@T_LEB



Test Results (Upper Limit = 80.0 (ns))

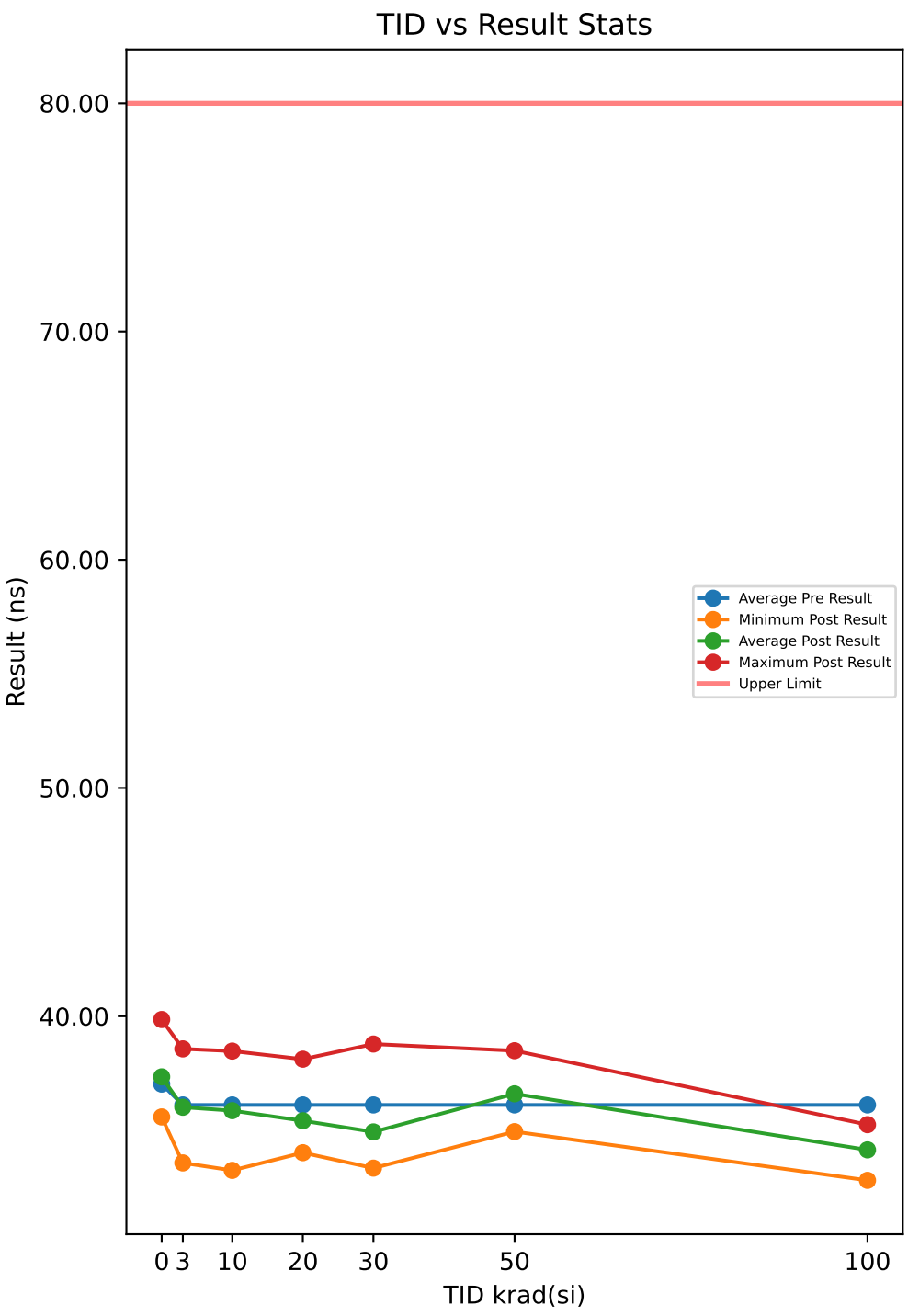
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	33.414	33.429	0.0152
2	3	LDR BIAS	32.246	30.313	-1.9329
3	3	LDR BIAS	32.774	33.355	0.5813
4	3	LDR BIAS	34.656	34.157	-0.4985
5	3	LDR BIAS	33.011	33.498	0.4861
6	3	LDR UNBIAS	33.07	32.686	-0.384
7	3	LDR UNBIAS	33.59	33.204	-0.3855
8	3	LDR UNBIAS	35.96	35.416	-0.5437
9	3	LDR UNBIAS	32.568	32.676	0.1075
10	3	LDR UNBIAS	32.757	32.336	-0.4209
11	0	CORRELATION	34.019	33.213	-0.8061
12	0	CORRELATION	35.907	32.992	-2.9148
13	0	CORRELATION	33.577	34.768	1.1914
14	0	CORRELATION	32.85	36.917	4.0671
21	10	LDR BIAS	33.414	35.465	2.0512
22	10	LDR BIAS	32.246	33.346	1.1002
23	10	LDR BIAS	32.774	33.247	0.4734
24	10	LDR BIAS	34.656	32.477	-2.1788
25	10	LDR BIAS	33.011	31.416	-1.5958
26	10	LDR UNBIAS	33.07	33.528	0.4577
27	10	LDR UNBIAS	33.59	34.526	0.9364
28	10	LDR UNBIAS	35.96	33.833	-2.1267
29	10	LDR UNBIAS	32.568	30.796	-1.7723
30	10	LDR UNBIAS	32.757	30.636	-2.1213
31	20	LDR BIAS	33.414	32.48	-0.9346
32	20	LDR BIAS	32.246	31.15	-1.0964
33	20	LDR BIAS	32.774	32.111	-0.6624
34	20	LDR BIAS	34.656	33.472	-1.1839
35	20	LDR BIAS	33.011	32.444	-0.5676
36	20	LDR UNBIAS	33.07	31.797	-1.2736
37	20	LDR UNBIAS	33.59	33.688	0.0984
38	20	LDR UNBIAS	35.96	35.109	-0.8506
39	20	LDR UNBIAS	32.568	31.6	-0.9683
40	20	LDR UNBIAS	32.757	31.749	-1.0079
41	30	LDR BIAS	33.414	31.912	-1.5026
42	30	LDR BIAS	32.246	30.31	-1.9358
43	30	LDR BIAS	32.774	30.283	-2.4906
44	30	LDR BIAS	34.656	34.065	-0.5912
45	30	LDR BIAS	33.011	32.676	-0.3352
46	30	LDR UNBIAS	33.07	31.131	-1.9386
47	30	LDR UNBIAS	33.59	32.717	-0.8725
48	30	LDR UNBIAS	35.96	35.798	-0.1615
49	30	LDR UNBIAS	32.568	31.157	-1.4115
50	30	LDR UNBIAS	32.757	30.89	-1.8672
51	50	LDR BIAS	33.414	33.903	0.4888
52	50	LDR BIAS	32.246	33.446	1.1996
53	50	LDR BIAS	32.774	31.801	-0.9729
54	50	LDR BIAS	34.656	32.619	-2.0366
55	50	LDR BIAS	33.011	33.731	0.7191
56	50	LDR UNBIAS	33.07	34.175	1.1051
57	50	LDR UNBIAS	33.59	33	-0.5892
58	50	LDR UNBIAS	35.96	34.493	-1.4671
59	50	LDR UNBIAS	32.568	33.367	0.7986
60	50	LDR UNBIAS	32.757	34.317	1.5598
61	100	LDR BIAS	33.414	31.319	-2.0949
62	100	LDR BIAS	32.246	31.229	-1.0169
63	100	LDR BIAS	32.774	29.184	-3.5901
64	100	LDR BIAS	34.656	30.387	-4.2691
65	100	LDR BIAS	33.011	31.099	-1.9126
66	100	LDR UNBIAS	33.07	31.63	-1.4401
67	100	LDR UNBIAS	33.59	30.785	-2.8049
68	100	LDR UNBIAS	35.96	32.34	-3.6192
69	100	LDR UNBIAS	32.568	31.144	-1.4241
70	100	LDR UNBIAS	32.757	31.731	-1.0259



Test Statistics (ns)

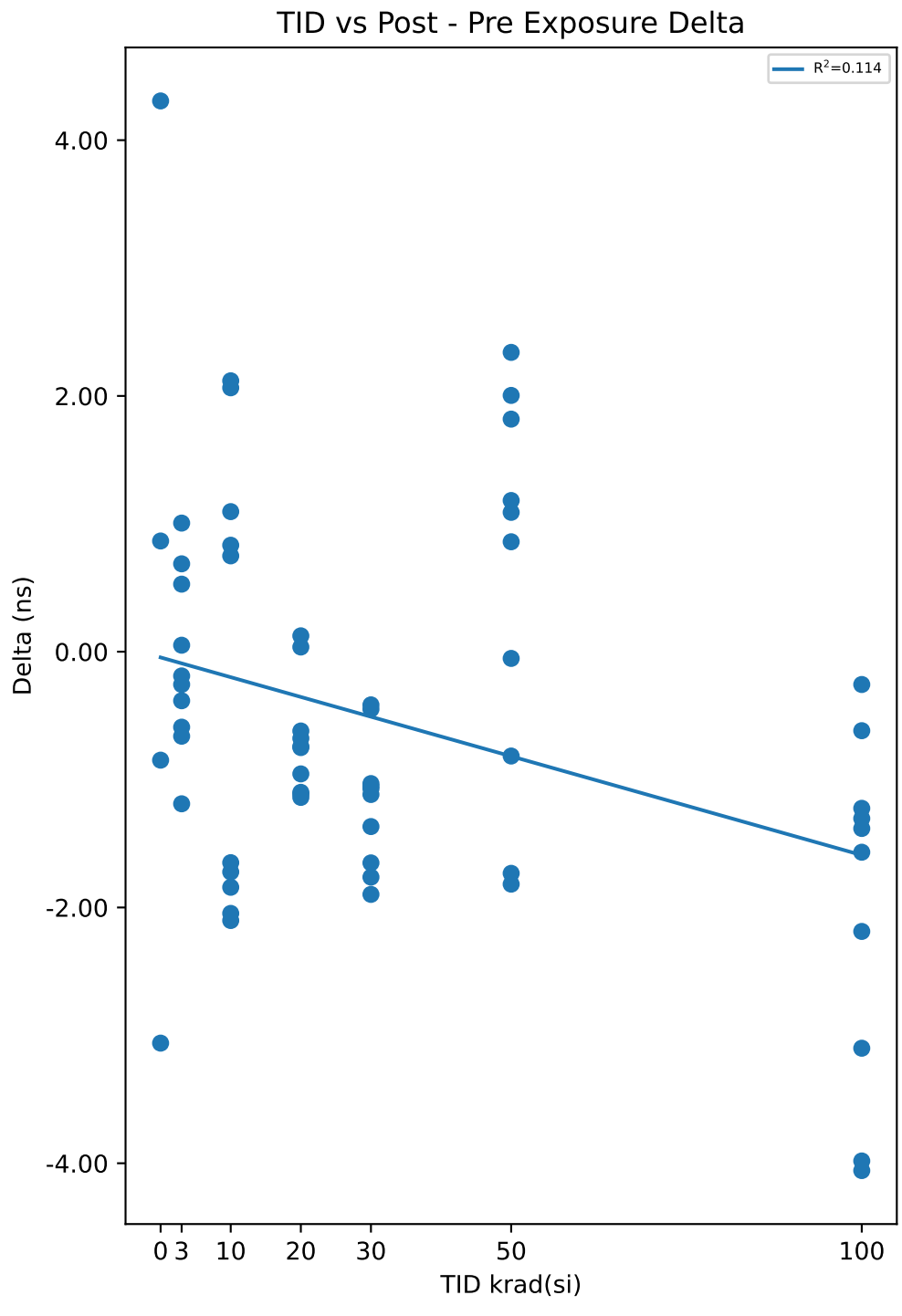
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.85	34.088	35.907	1.3048	32.992	34.472	36.917	1.8111	-2.9148	0.3844	4.0671	2.973
3	32.246	33.405	35.96	1.1182	30.313	33.107	35.416	1.3134	-1.9329	-0.29754	0.5813	0.70349
10	32.246	33.405	35.96	1.1182	30.636	32.927	35.465	1.5896	-2.1788	-0.4776	2.0512	1.6298
20	32.246	33.405	35.96	1.1182	31.15	32.56	35.109	1.2007	-1.2736	-0.84469	0.0984	0.39607
30	32.246	33.405	35.96	1.1182	30.283	32.094	35.798	1.7664	-2.4906	-1.3107	-0.1615	0.78286
50	32.246	33.405	35.96	1.1182	31.801	33.485	34.493	0.83364	-2.0366	0.08052	1.5598	1.2479
100	32.246	33.405	35.96	1.1182	29.184	31.085	32.34	0.85393	-4.2691	-2.3198	-1.0169	1.1786

Device Test: 25.4 TIMING|LEB/EN/12/12/0/0/5/500kHz//@T_LEB



Test Results (Upper Limit = 80.0 (ns))

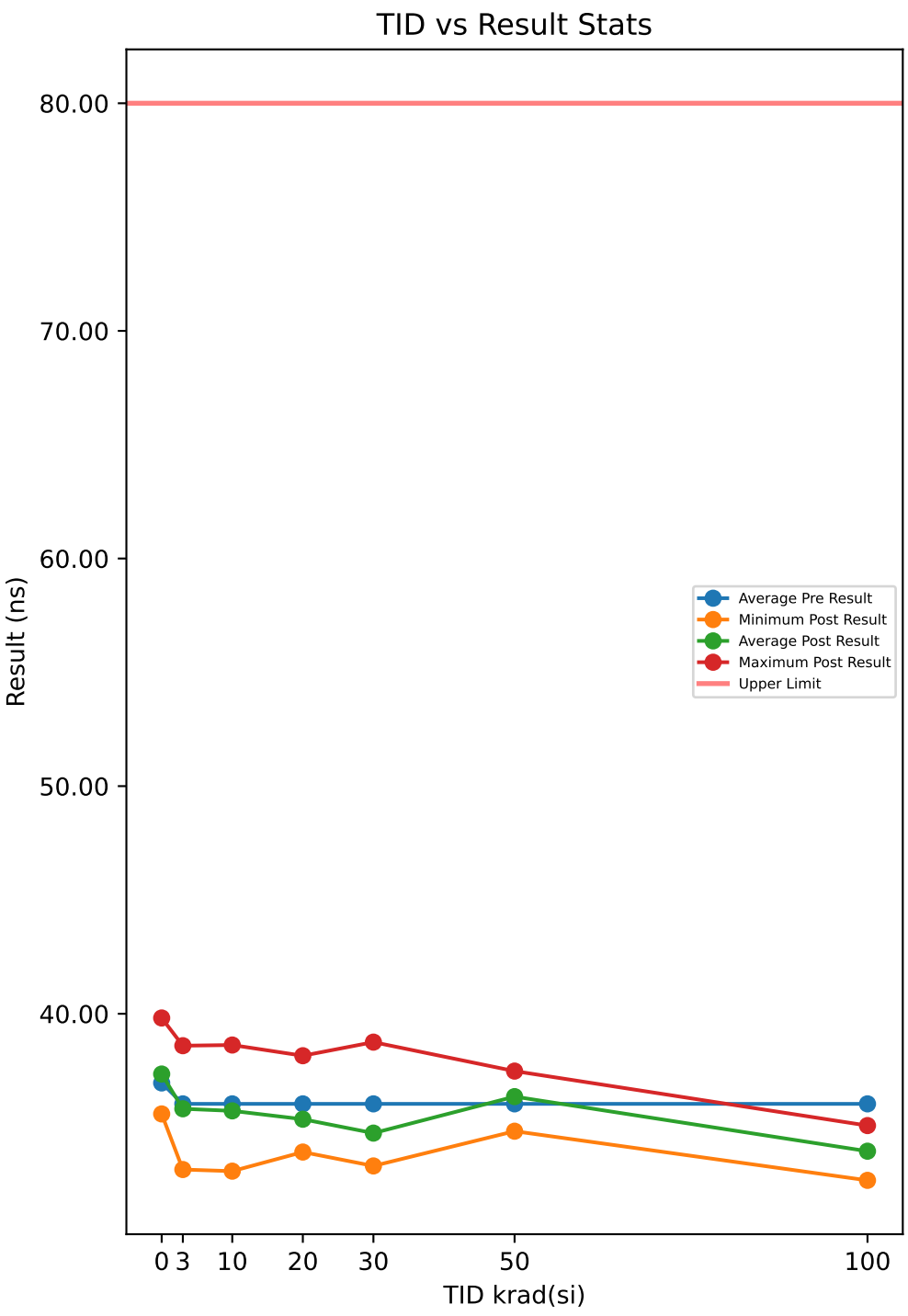
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	36.354	36.405	0.0508
2	3	LDR BIAS	34.762	33.573	-1.1892
3	3	LDR BIAS	34.996	36.002	1.0058
4	3	LDR BIAS	37.37	36.781	-0.5899
5	3	LDR BIAS	36.149	36.677	0.5283
6	3	LDR UNBIAS	35.901	35.712	-0.1894
7	3	LDR UNBIAS	36.222	35.838	-0.3834
8	3	LDR UNBIAS	39.23	38.569	-0.6607
9	3	LDR UNBIAS	34.895	35.582	0.6873
10	3	LDR UNBIAS	35.247	34.99	-0.2562
11	0	CORRELATION	37.022	36.174	-0.848
12	0	CORRELATION	38.647	35.586	-3.0607
13	0	CORRELATION	36.892	37.757	0.8658
14	0	CORRELATION	35.547	39.854	4.3068
21	10	LDR BIAS	36.354	38.472	2.1184
22	10	LDR BIAS	34.762	35.512	0.7495
23	10	LDR BIAS	34.996	37.06	2.0638
24	10	LDR BIAS	37.37	35.269	-2.1019
25	10	LDR BIAS	36.149	34.307	-1.842
26	10	LDR UNBIAS	35.901	36.734	0.8327
27	10	LDR UNBIAS	36.222	37.317	1.0954
28	10	LDR UNBIAS	39.23	37.184	-2.0463
29	10	LDR UNBIAS	34.895	33.245	-1.6496
30	10	LDR UNBIAS	35.247	33.525	-1.7221
31	20	LDR BIAS	36.354	35.677	-0.6773
32	20	LDR BIAS	34.762	34.022	-0.7407
33	20	LDR BIAS	34.996	35.12	0.1242
34	20	LDR BIAS	37.37	36.231	-1.1392
35	20	LDR BIAS	36.149	35.529	-0.6199
36	20	LDR UNBIAS	35.901	34.802	-1.0996
37	20	LDR UNBIAS	36.222	36.258	0.0367
38	20	LDR UNBIAS	39.23	38.117	-1.1128
39	20	LDR UNBIAS	34.895	34.145	-0.7495
40	20	LDR UNBIAS	35.247	34.291	-0.9554
41	30	LDR BIAS	36.354	35.283	-1.0705
42	30	LDR BIAS	34.762	33.395	-1.3672
43	30	LDR BIAS	34.996	33.345	-1.6514
44	30	LDR BIAS	37.37	36.955	-0.4156
45	30	LDR BIAS	36.149	35.117	-1.0311
46	30	LDR UNBIAS	35.901	34.004	-1.8976
47	30	LDR UNBIAS	36.222	35.17	-1.0516
48	30	LDR UNBIAS	39.23	38.781	-0.4488
49	30	LDR UNBIAS	34.895	33.779	-1.1165
50	30	LDR UNBIAS	35.247	33.484	-1.7625
51	50	LDR BIAS	36.354	37.444	1.0897
52	50	LDR BIAS	34.762	36.766	2.0041
53	50	LDR BIAS	34.996	34.944	-0.0524
54	50	LDR BIAS	37.37	35.637	-1.733
55	50	LDR BIAS	36.149	38.489	2.3405
56	50	LDR UNBIAS	35.901	37.084	1.1823
57	50	LDR UNBIAS	36.222	35.406	-0.8157
58	50	LDR UNBIAS	39.23	37.412	-1.8175
59	50	LDR UNBIAS	34.895	35.755	0.8597
60	50	LDR UNBIAS	35.247	37.066	1.8188
61	100	LDR BIAS	36.354	35.129	-1.2246
62	100	LDR BIAS	34.762	34.506	-0.2564
63	100	LDR BIAS	34.996	32.809	-2.1873
64	100	LDR BIAS	37.37	33.313	-4.0572
65	100	LDR BIAS	36.149	34.581	-1.5679
66	100	LDR UNBIAS	35.901	34.597	-1.3039
67	100	LDR UNBIAS	36.222	33.121	-3.1005
68	100	LDR UNBIAS	39.23	35.248	-3.9821
69	100	LDR UNBIAS	34.895	33.513	-1.3822
70	100	LDR UNBIAS	35.247	34.629	-0.6176

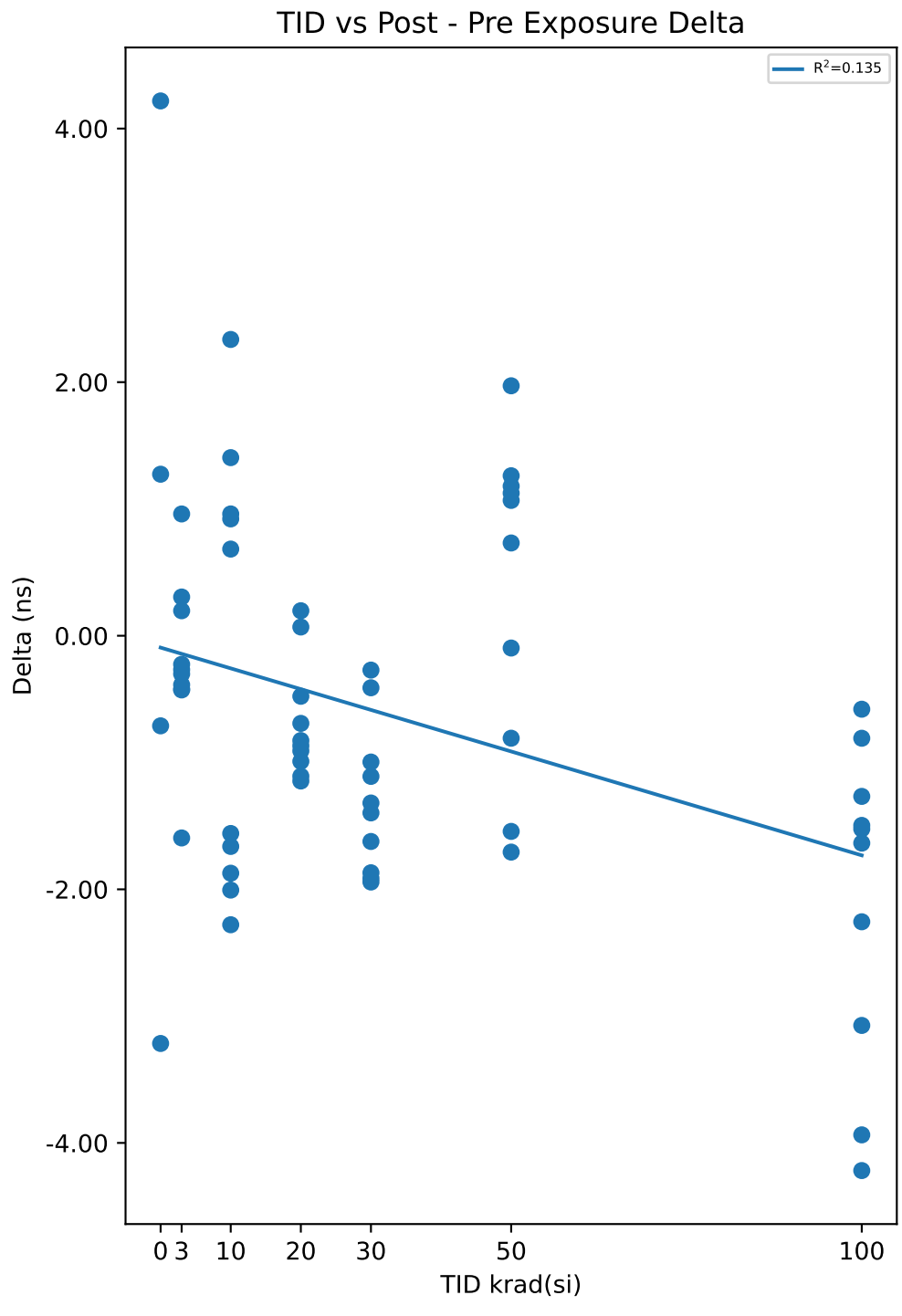


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	35.547	37.027	38.647	1.2691	35.586	37.343	39.854	1.9088	-3.0607	0.31597	4.3068	3.1084
3	34.762	36.113	39.23	1.3629	33.573	36.013	38.569	1.292	-1.1892	-0.09966	1.0058	0.67607
10	34.762	36.113	39.23	1.3629	33.245	35.862	38.472	1.7663	-2.1019	-0.25021	2.1184	1.772
20	34.762	36.113	39.23	1.3629	34.022	35.419	38.117	1.2489	-1.1392	-0.69335	0.1242	0.44979
30	34.762	36.113	39.23	1.3629	33.345	34.931	38.781	1.773	-1.8976	-1.1813	-0.4156	0.50389
50	34.762	36.113	39.23	1.3629	34.944	36.6	38.489	1.117	-1.8175	0.48765	2.3405	1.5174
100	34.762	36.113	39.23	1.3629	32.809	34.145	35.248	0.87364	-4.0572	-1.968	-0.2564	1.3334

Device Test: 25.7 TIMING|LEB/EN/14/14/0/0/5/500kHz//@T_LEB





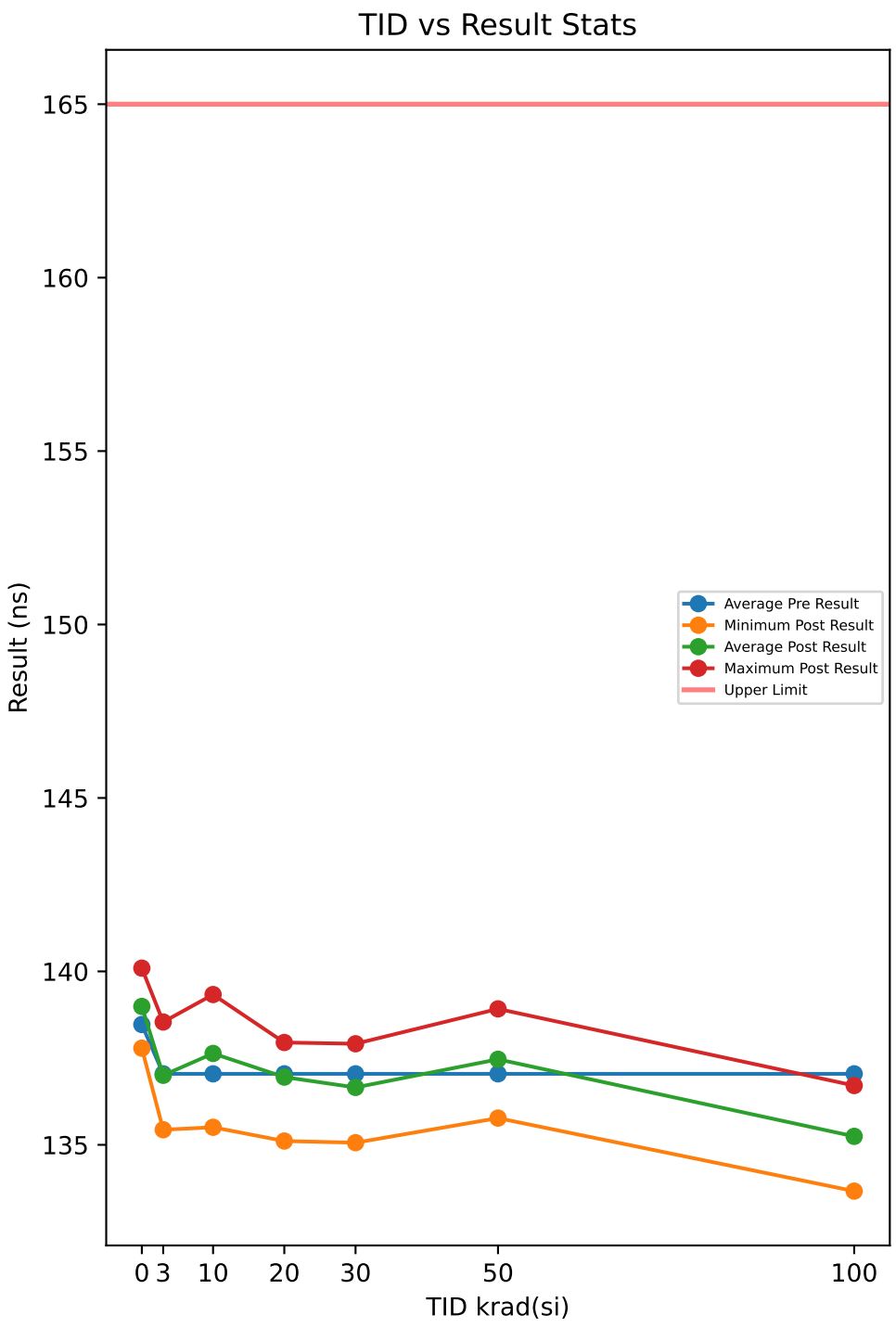
Test Results (Upper Limit = 80.0 (ns))

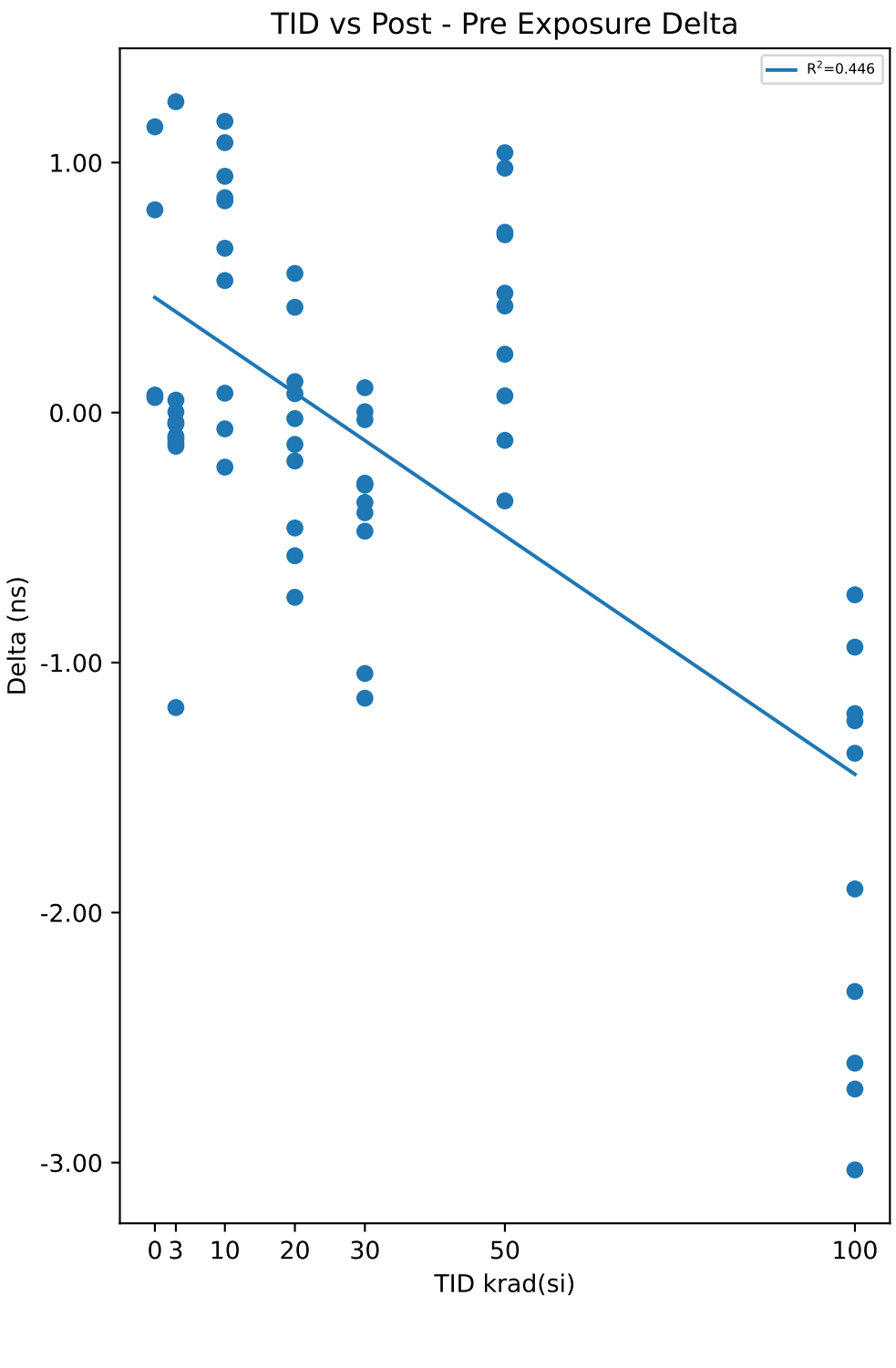
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	36.29	36.487	0.1971
2	3	LDR BIAS	34.752	33.157	-1.5948
3	3	LDR BIAS	34.937	35.898	0.9605
4	3	LDR BIAS	37.22	36.798	-0.4214
5	3	LDR BIAS	35.991	36.296	0.3055
6	3	LDR UNBIAS	35.919	35.694	-0.2254
7	3	LDR UNBIAS	36.039	35.738	-0.3011
8	3	LDR UNBIAS	39.024	38.597	-0.4274
9	3	LDR UNBIAS	34.958	34.691	-0.2676
10	3	LDR UNBIAS	35.288	34.901	-0.3868
11	0	CORRELATION	36.868	36.158	-0.7106
12	0	CORRELATION	38.815	35.599	-3.2157
13	0	CORRELATION	36.561	37.835	1.2739
14	0	CORRELATION	35.597	39.815	4.2179
21	10	LDR BIAS	36.29	38.627	2.3367
22	10	LDR BIAS	34.752	35.673	0.9215
23	10	LDR BIAS	34.937	36.342	1.4047
24	10	LDR BIAS	37.22	34.94	-2.2793
25	10	LDR BIAS	35.991	34.431	-1.5596
26	10	LDR UNBIAS	35.919	36.603	0.6835
27	10	LDR UNBIAS	36.039	37	0.9608
28	10	LDR UNBIAS	39.024	37.019	-2.0059
29	10	LDR UNBIAS	34.958	33.086	-1.8729
30	10	LDR UNBIAS	35.288	33.626	-1.6617
31	20	LDR BIAS	36.29	35.599	-0.6912
32	20	LDR BIAS	34.752	33.925	-0.8268
33	20	LDR BIAS	34.937	35.135	0.1972
34	20	LDR BIAS	37.22	36.112	-1.1077
35	20	LDR BIAS	35.991	35.513	-0.4775
36	20	LDR UNBIAS	35.919	34.773	-1.1457
37	20	LDR UNBIAS	36.039	36.108	0.0689
38	20	LDR UNBIAS	39.024	38.157	-0.8676
39	20	LDR UNBIAS	34.958	34.05	-0.9083
40	20	LDR UNBIAS	35.288	34.297	-0.9907
41	30	LDR BIAS	36.29	35.181	-1.1092
42	30	LDR BIAS	34.752	33.354	-1.3972
43	30	LDR BIAS	34.937	33.315	-1.6226
44	30	LDR BIAS	37.22	36.809	-0.4104
45	30	LDR BIAS	35.991	34.995	-0.9961
46	30	LDR UNBIAS	35.919	33.977	-1.9424
47	30	LDR UNBIAS	36.039	34.126	-1.913
48	30	LDR UNBIAS	39.024	38.754	-0.2709
49	30	LDR UNBIAS	34.958	33.639	-1.3192
50	30	LDR UNBIAS	35.288	33.418	-1.8694
51	50	LDR BIAS	36.29	37.47	1.1798
52	50	LDR BIAS	34.752	36.723	1.9713
53	50	LDR BIAS	34.937	34.84	-0.0969
54	50	LDR BIAS	37.22	35.513	-1.7064
55	50	LDR BIAS	35.991	37.253	1.2618
56	50	LDR UNBIAS	35.919	36.986	1.0673
57	50	LDR UNBIAS	36.039	35.231	-0.8082
58	50	LDR UNBIAS	39.024	37.481	-1.5431
59	50	LDR UNBIAS	34.958	35.69	0.7316
60	50	LDR UNBIAS	35.288	36.412	1.1246
61	100	LDR BIAS	36.29	35.023	-1.267
62	100	LDR BIAS	34.752	34.172	-0.5794
63	100	LDR BIAS	34.937	32.681	-2.2559
64	100	LDR BIAS	37.22	33.002	-4.2181
65	100	LDR BIAS	35.991	34.467	-1.5239
66	100	LDR UNBIAS	35.919	34.423	-1.4958
67	100	LDR UNBIAS	36.039	32.966	-3.0734
68	100	LDR UNBIAS	39.024	35.088	-3.9365
69	100	LDR UNBIAS	34.958	33.323	-1.6356
70	100	LDR UNBIAS	35.288	34.479	-0.8085

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	35.597	36.96	38.815	1.3499	35.599	37.352	39.815	1.8971	-3.2157	0.39138	4.2179	3.1436
3	34.752	36.042	39.024	1.2906	33.157	35.826	38.597	1.4369	-1.5948	-0.21614	0.9605	0.65438
10	34.752	36.042	39.024	1.2906	33.086	35.735	38.627	1.7171	-2.2793	-0.30722	2.3367	1.7208
20	34.752	36.042	39.024	1.2906	33.925	35.367	38.157	1.2618	-1.1457	-0.67494	0.1972	0.46862
30	34.752	36.042	39.024	1.2906	33.315	34.757	38.754	1.78	-1.9424	-1.285	-0.2709	0.59661
50	34.752	36.042	39.024	1.2906	34.84	36.36	37.481	0.97539	-1.7064	0.31818	1.9713	1.2803
100	34.752	36.042	39.024	1.2906	32.681	33.962	35.088	0.89045	-4.2181	-2.0794	-0.5794	1.2655

Device Test: 26.1 TIMING|MIN/OUT/4.5/4.5/0/0/4.5/500kHz//@TON_MIN





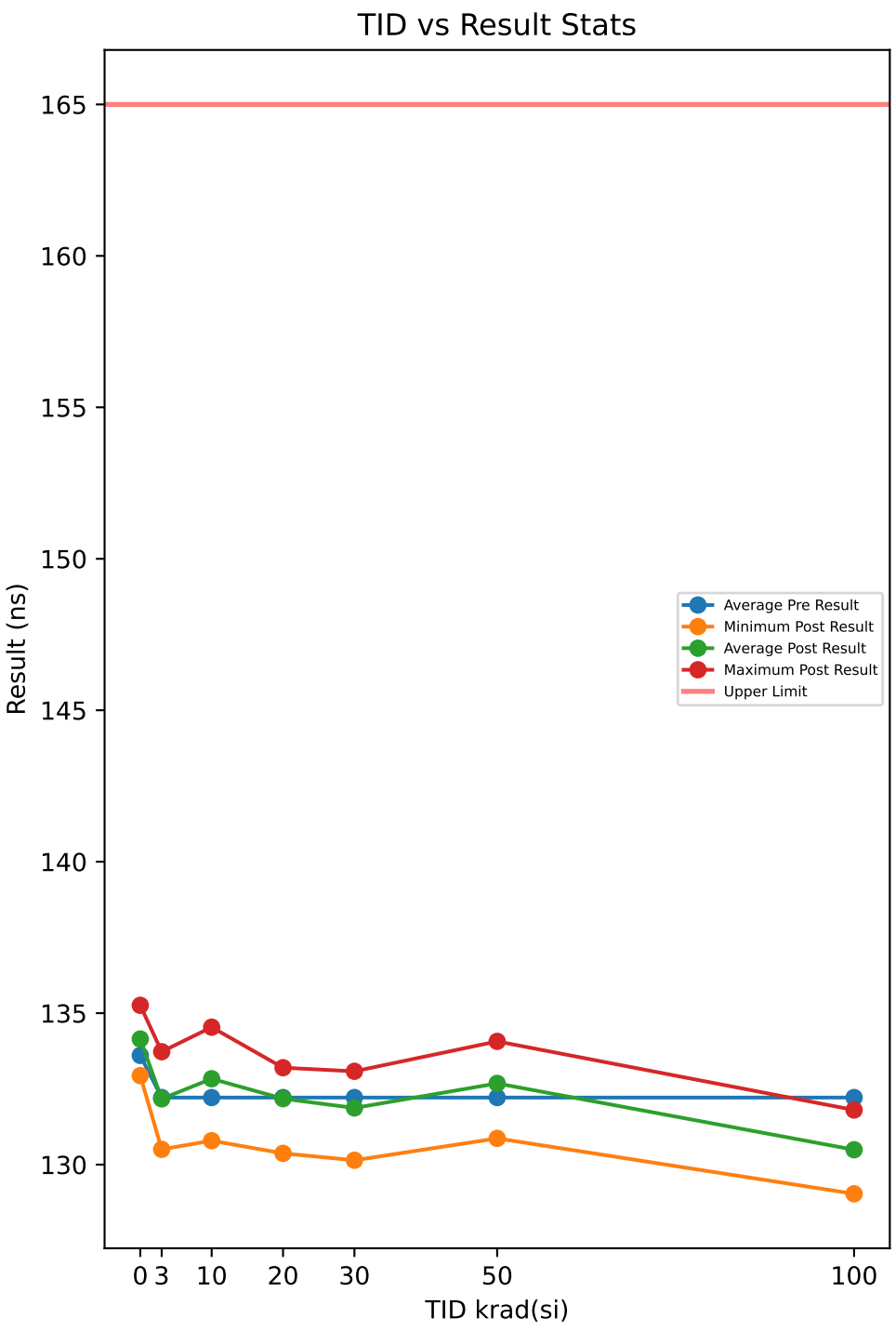
Test Results (Upper Limit = 165.0 (ns))

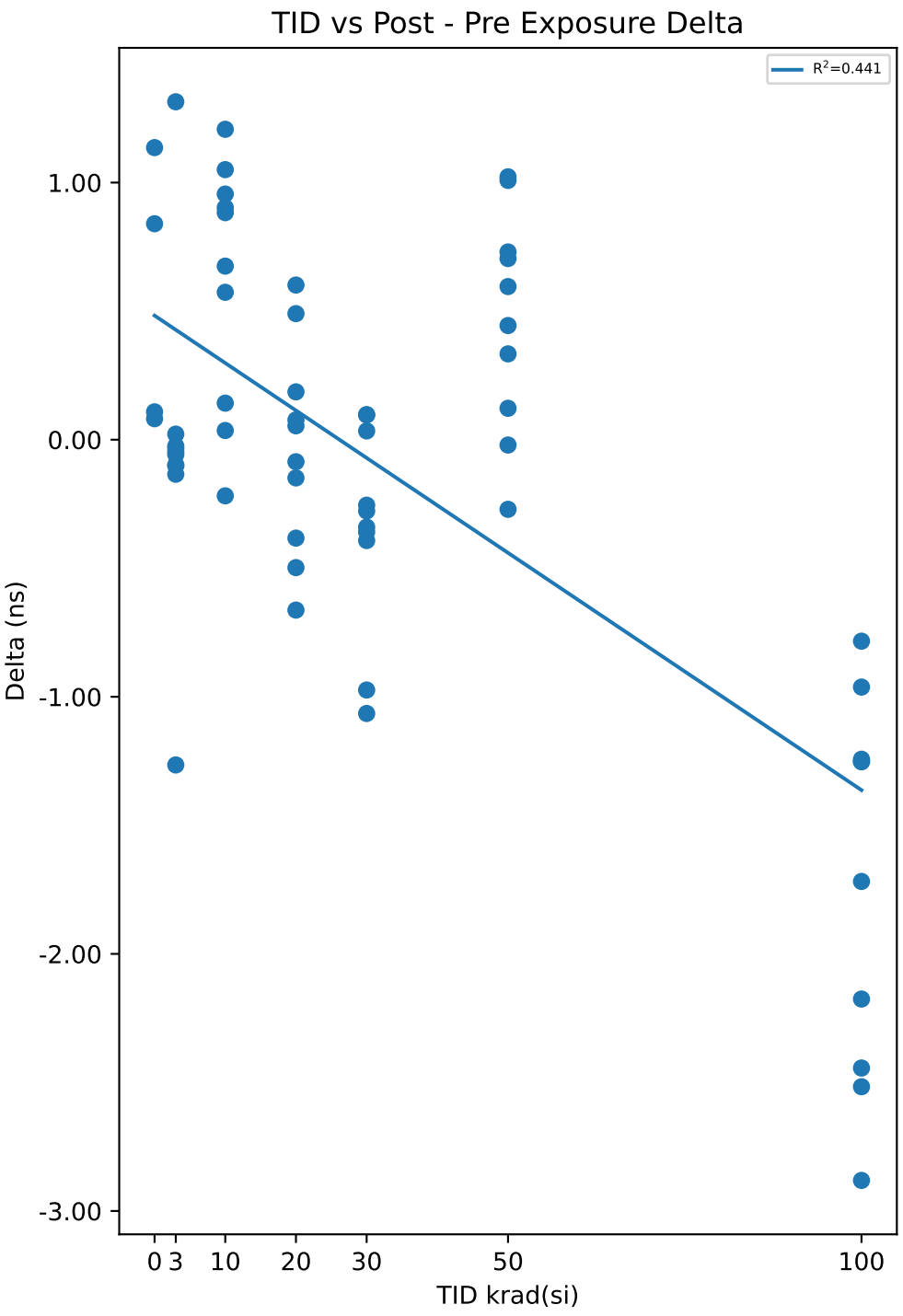
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	135.93	135.98	0.0498
2	3	LDR BIAS	136.61	135.44	-1.1798
3	3	LDR BIAS	135.34	136.59	1.2434
4	3	LDR BIAS	137.39	137.4	0.0025
5	3	LDR BIAS	137.94	137.82	-0.1213
6	3	LDR UNBIAS	138.68	138.54	-0.1345
7	3	LDR UNBIAS	137.6	137.56	-0.0383
8	3	LDR UNBIAS	137.01	136.96	-0.0459
9	3	LDR UNBIAS	135.57	135.47	-0.104
10	3	LDR UNBIAS	138.4	138.3	-0.0946
11	0	CORRELATION	137.72	137.79	0.0701
12	0	CORRELATION	138.81	138.87	0.0603
13	0	CORRELATION	138.95	140.09	1.143
14	0	CORRELATION	138.4	139.21	0.811
21	10	LDR BIAS	135.93	137.09	1.1649
22	10	LDR BIAS	136.61	137.56	0.9452
23	10	LDR BIAS	135.34	136.19	0.847
24	10	LDR BIAS	137.39	138.47	1.0798
25	10	LDR BIAS	137.94	138.02	0.0775
26	10	LDR UNBIAS	138.68	139.33	0.6572
27	10	LDR UNBIAS	137.6	138.12	0.528
28	10	LDR UNBIAS	137.01	137.86	0.8594
29	10	LDR UNBIAS	135.57	135.51	-0.0651
30	10	LDR UNBIAS	138.4	138.18	-0.2182
31	20	LDR BIAS	135.93	135.8	-0.1274
32	20	LDR BIAS	136.61	136.42	-0.1936
33	20	LDR BIAS	135.34	135.42	0.0757
34	20	LDR BIAS	137.39	137.95	0.5565
35	20	LDR BIAS	137.94	137.92	-0.0241
36	20	LDR UNBIAS	138.68	137.94	-0.7389
37	20	LDR UNBIAS	137.6	137.72	0.1239
38	20	LDR UNBIAS	137.01	137.43	0.4213
39	20	LDR UNBIAS	135.57	135.11	-0.4616
40	20	LDR UNBIAS	138.4	137.82	-0.5726
41	30	LDR BIAS	135.93	135.64	-0.2904
42	30	LDR BIAS	136.61	136.26	-0.3594
43	30	LDR BIAS	135.34	135.06	-0.2824
44	30	LDR BIAS	137.39	137.49	0.0995
45	30	LDR BIAS	137.94	137.91	-0.0284
46	30	LDR UNBIAS	138.68	137.53	-1.1425
47	30	LDR UNBIAS	137.6	137.2	-0.4006
48	30	LDR UNBIAS	137.01	137.01	0.0035
49	30	LDR UNBIAS	135.57	135.1	-0.4744
50	30	LDR UNBIAS	138.4	137.35	-1.0436
51	50	LDR BIAS	135.93	136.64	0.7113
52	50	LDR BIAS	136.61	137.65	1.0394
53	50	LDR BIAS	135.34	135.77	0.4264
54	50	LDR BIAS	137.39	138.11	0.7212
55	50	LDR BIAS	137.94	138.92	0.9775
56	50	LDR UNBIAS	138.68	138.32	-0.3532
57	50	LDR UNBIAS	137.6	137.49	-0.1111
58	50	LDR UNBIAS	137.01	137.24	0.2335
59	50	LDR UNBIAS	135.57	136.05	0.4777
60	50	LDR UNBIAS	138.4	138.46	0.067
61	100	LDR BIAS	135.93	134.99	-0.9382
62	100	LDR BIAS	136.61	135.89	-0.7289
63	100	LDR BIAS	135.34	133.98	-1.3627
64	100	LDR BIAS	137.39	136.19	-1.2039
65	100	LDR BIAS	137.94	136.71	-1.2328
66	100	LDR UNBIAS	138.68	135.65	-3.0291
67	100	LDR UNBIAS	137.6	134.99	-2.602
68	100	LDR UNBIAS	137.01	134.69	-2.3155
69	100	LDR UNBIAS	135.57	133.67	-1.9054
70	100	LDR UNBIAS	138.4	135.69	-2.7057

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	137.72	138.47	138.95	0.55365	137.79	138.99	140.09	0.95403	0.0603	0.5211	1.143	0.54361
3	135.34	137.05	138.68	1.165	135.44	137	138.54	1.1169	-1.1798	-0.04227	1.2434	0.5753
10	135.34	137.05	138.68	1.165	135.51	137.63	139.33	1.1174	-0.2182	0.58757	1.1649	0.49312
20	135.34	137.05	138.68	1.165	135.11	136.95	137.95	1.1462	-0.7389	-0.09408	0.5565	0.41646
30	135.34	137.05	138.68	1.165	135.06	136.65	137.91	1.0606	-1.1425	-0.39187	0.0995	0.41477
50	135.34	137.05	138.68	1.165	135.77	137.47	138.92	1.0497	-0.3532	0.41897	1.0394	0.461
100	135.34	137.05	138.68	1.165	133.67	135.24	136.71	0.96226	-3.0291	-1.8024	-0.7289	0.81712

Device Test: 26.2 TIMING|MIN/OUT/5/5/0/0/5/500kHz//@TON_MIN





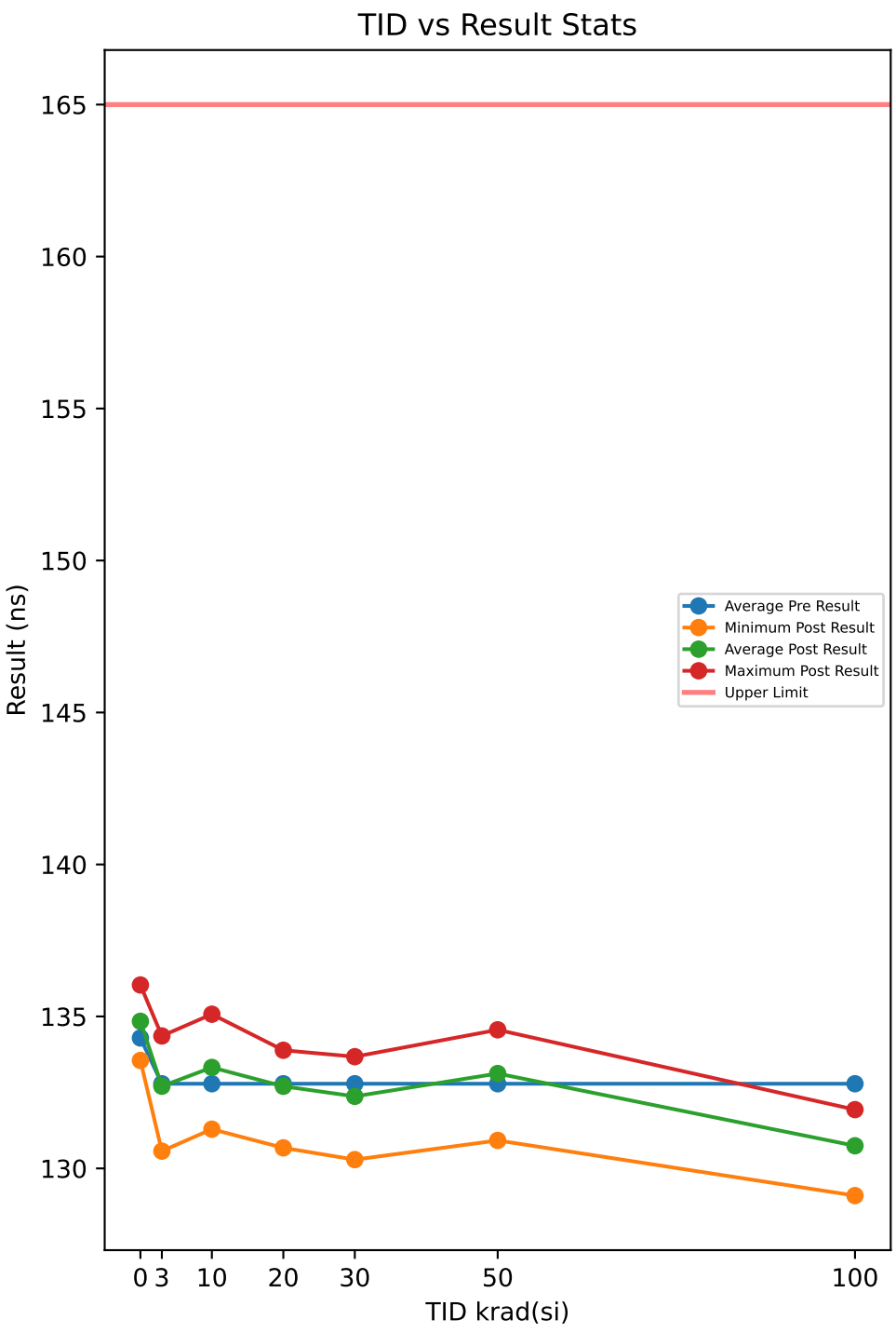
Test Results (Upper Limit = 165.0 (ns))

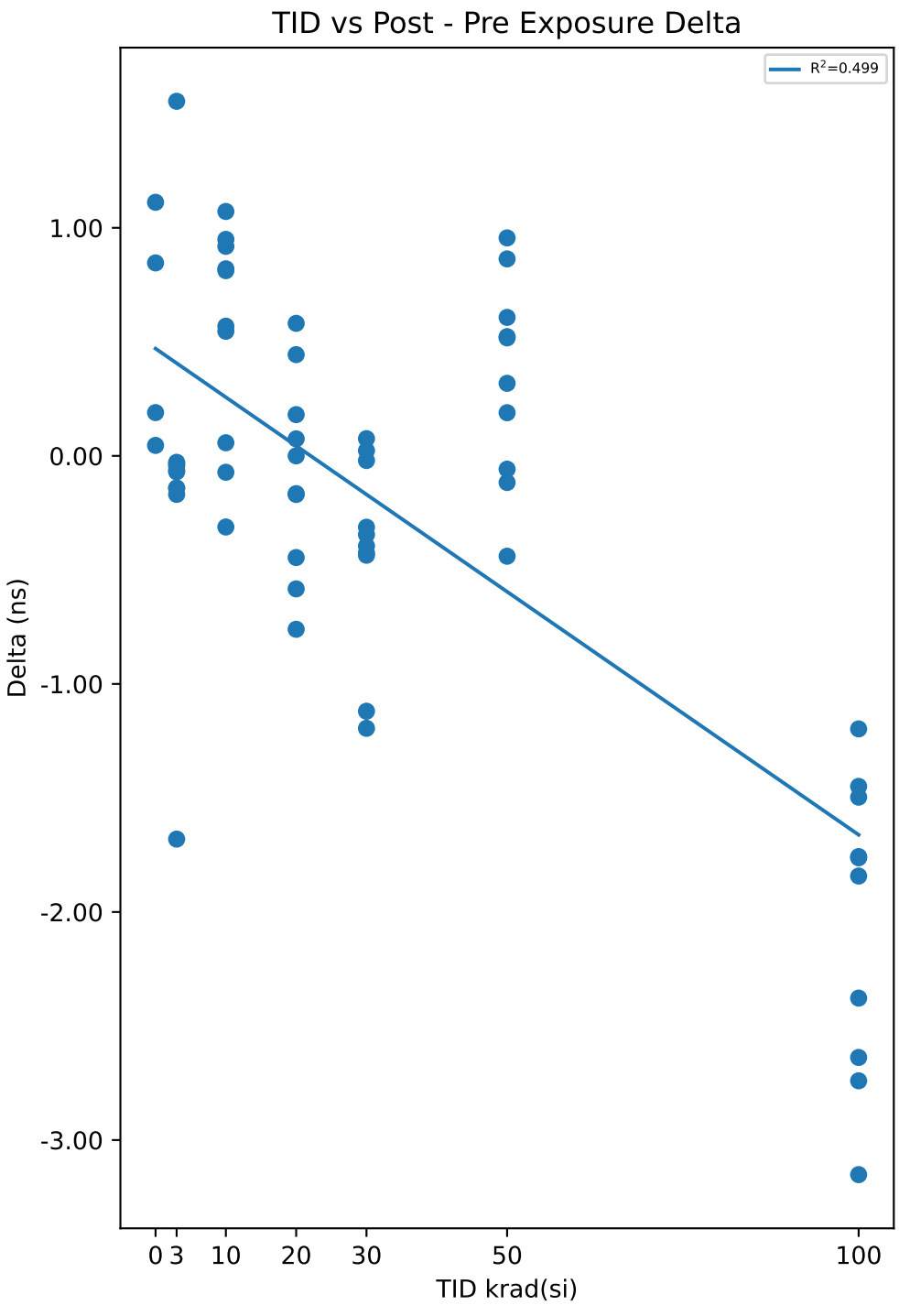
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	131.21	131.23	0.0217
2	3	LDR BIAS	131.77	130.5	-1.2651
3	3	LDR BIAS	130.42	131.74	1.3143
4	3	LDR BIAS	132.59	132.57	-0.0247
5	3	LDR BIAS	133.05	132.94	-0.1018
6	3	LDR UNBIAS	133.86	133.73	-0.1344
7	3	LDR UNBIAS	132.71	132.66	-0.0484
8	3	LDR UNBIAS	132.24	132.2	-0.0347
9	3	LDR UNBIAS	130.75	130.7	-0.058
10	3	LDR UNBIAS	133.54	133.45	-0.0977
11	0	CORRELATION	132.83	132.94	0.1083
12	0	CORRELATION	133.95	134.03	0.0815
13	0	CORRELATION	134.12	135.26	1.136
14	0	CORRELATION	133.52	134.36	0.84
21	10	LDR BIAS	131.21	132.41	1.2073
22	10	LDR BIAS	131.77	132.72	0.9554
23	10	LDR BIAS	130.42	131.32	0.9025
24	10	LDR BIAS	132.59	133.64	1.0504
25	10	LDR BIAS	133.05	133.19	0.1421
26	10	LDR UNBIAS	133.86	134.54	0.6751
27	10	LDR UNBIAS	132.71	133.28	0.5733
28	10	LDR UNBIAS	132.24	133.12	0.8831
29	10	LDR UNBIAS	130.75	130.79	0.0357
30	10	LDR UNBIAS	133.54	133.32	-0.2184
31	20	LDR BIAS	131.21	131.12	-0.0858
32	20	LDR BIAS	131.77	131.62	-0.1487
33	20	LDR BIAS	130.42	130.5	0.0768
34	20	LDR BIAS	132.59	133.19	0.6015
35	20	LDR BIAS	133.05	133.1	0.0539
36	20	LDR UNBIAS	133.86	133.2	-0.6628
37	20	LDR UNBIAS	132.71	132.9	0.186
38	20	LDR UNBIAS	132.24	132.73	0.4903
39	20	LDR UNBIAS	130.75	130.37	-0.3828
40	20	LDR UNBIAS	133.54	133.05	-0.4976
41	30	LDR BIAS	131.21	130.95	-0.2547
42	30	LDR BIAS	131.77	131.41	-0.359
43	30	LDR BIAS	130.42	130.14	-0.2772
44	30	LDR BIAS	132.59	132.69	0.0974
45	30	LDR BIAS	133.05	133.08	0.0341
46	30	LDR UNBIAS	133.86	132.8	-1.0649
47	30	LDR UNBIAS	132.71	132.37	-0.3401
48	30	LDR UNBIAS	132.24	132.33	0.0964
49	30	LDR UNBIAS	130.75	130.36	-0.3923
50	30	LDR UNBIAS	133.54	132.57	-0.9737
51	50	LDR BIAS	131.21	131.94	0.7302
52	50	LDR BIAS	131.77	132.78	1.0085
53	50	LDR BIAS	130.42	130.87	0.444
54	50	LDR BIAS	132.59	133.3	0.7046
55	50	LDR BIAS	133.05	134.07	1.0225
56	50	LDR UNBIAS	133.86	133.59	-0.2708
57	50	LDR UNBIAS	132.71	132.69	-0.0208
58	50	LDR UNBIAS	132.24	132.57	0.3337
59	50	LDR UNBIAS	130.75	131.35	0.5956
60	50	LDR UNBIAS	133.54	133.67	0.1221
61	100	LDR BIAS	131.21	130.24	-0.9622
62	100	LDR BIAS	131.77	130.99	-0.7837
63	100	LDR BIAS	130.42	129.17	-1.2526
64	100	LDR BIAS	132.59	131.34	-1.2517
65	100	LDR BIAS	133.05	131.8	-1.2429
66	100	LDR UNBIAS	133.86	130.98	-2.881
67	100	LDR UNBIAS	132.71	130.27	-2.4439
68	100	LDR UNBIAS	132.24	130.06	-2.1756
69	100	LDR UNBIAS	130.75	129.04	-1.7183
70	100	LDR UNBIAS	133.54	131.03	-2.5167

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	132.83	133.61	134.12	0.57581	132.94	134.15	135.26	0.95833	0.0815	0.54145	1.136	0.52972
3	130.42	132.21	133.86	1.1604	130.5	132.17	133.73	1.1093	-1.2651	-0.04288	1.3143	0.6106
10	130.42	132.21	133.86	1.1604	130.79	132.83	134.54	1.0979	-0.2184	0.62065	1.2073	0.47954
20	130.42	132.21	133.86	1.1604	130.37	132.18	133.2	1.1549	-0.6628	-0.03692	0.6015	0.40755
30	130.42	132.21	133.86	1.1604	130.14	131.87	133.08	1.0674	-1.0649	-0.3434	0.0974	0.40318
50	130.42	132.21	133.86	1.1604	130.87	132.68	134.07	1.0406	-0.2708	0.46696	1.0225	0.42994
100	130.42	132.21	133.86	1.1604	129.04	130.49	131.8	0.90536	-2.881	-1.7229	-0.7837	0.73261

Device Test: 26.3 TIMING|MIN/OUT/12/12/0/0/5/500kHz//@TON_MIN





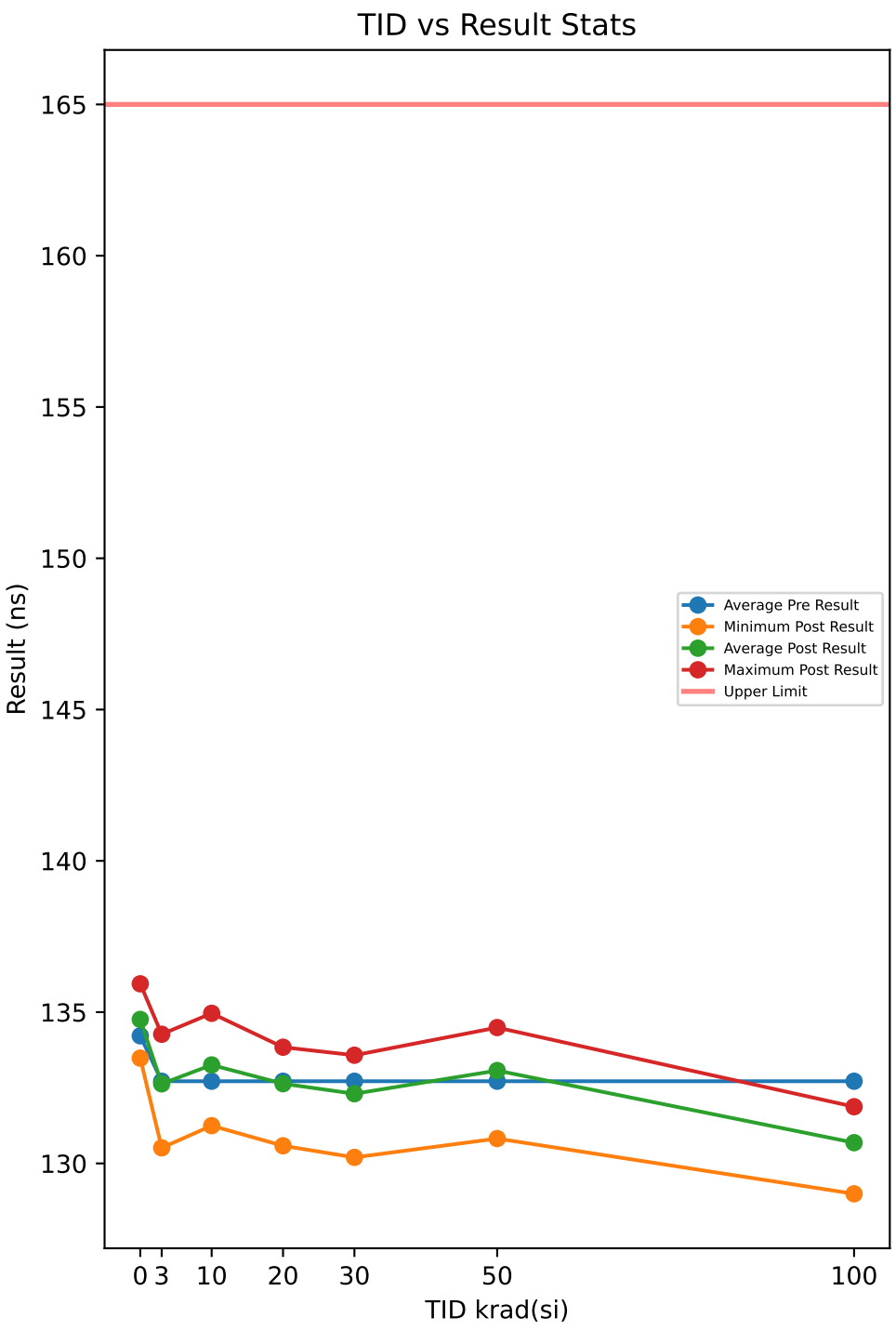
Test Results (Upper Limit = 165.0 (ns))

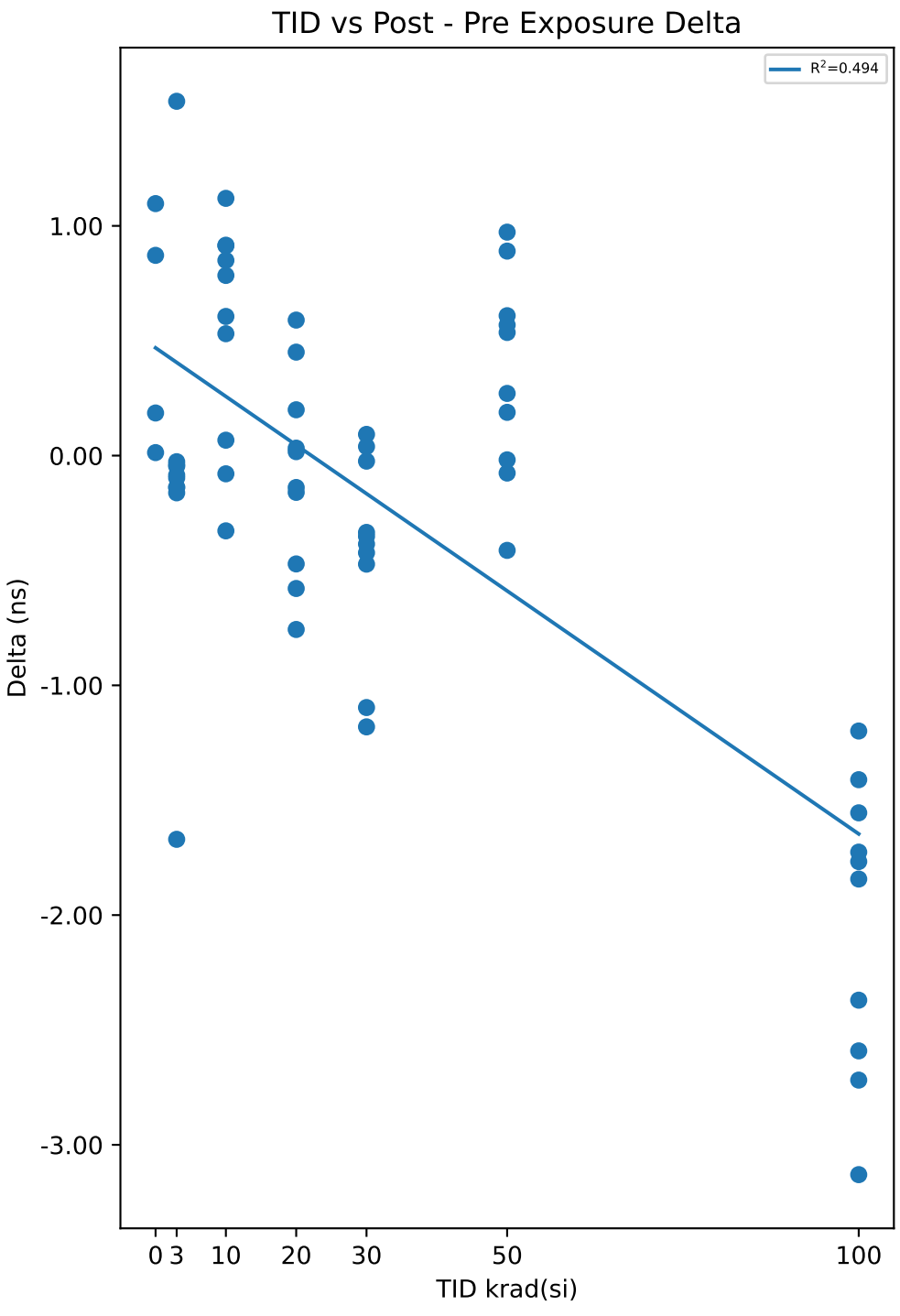
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	131.77	131.73	-0.0343
2	3	LDR BIAS	132.25	130.57	-1.6804
3	3	LDR BIAS	130.6	132.16	1.5548
4	3	LDR BIAS	133.31	133.28	-0.0282
5	3	LDR BIAS	133.7	133.55	-0.1413
6	3	LDR UNBIAS	134.53	134.36	-0.169
7	3	LDR UNBIAS	133.25	133.18	-0.0698
8	3	LDR UNBIAS	132.93	132.88	-0.0443
9	3	LDR UNBIAS	131.36	131.3	-0.0631
10	3	LDR UNBIAS	134.17	134.03	-0.141
11	0	CORRELATION	133.36	133.55	0.1897
12	0	CORRELATION	134.71	134.75	0.0459
13	0	CORRELATION	134.92	136.03	1.1119
14	0	CORRELATION	134.18	135.02	0.8461
21	10	LDR BIAS	131.77	132.84	1.0716
22	10	LDR BIAS	132.25	133.17	0.9187
23	10	LDR BIAS	130.6	131.41	0.8122
24	10	LDR BIAS	133.31	134.26	0.9493
25	10	LDR BIAS	133.7	133.75	0.0574
26	10	LDR UNBIAS	134.53	135.07	0.5464
27	10	LDR UNBIAS	133.25	133.82	0.5686
28	10	LDR UNBIAS	132.93	133.75	0.8202
29	10	LDR UNBIAS	131.36	131.29	-0.0719
30	10	LDR UNBIAS	134.17	133.86	-0.3119
31	20	LDR BIAS	131.77	131.6	-0.1656
32	20	LDR BIAS	132.25	132.08	-0.1693
33	20	LDR BIAS	130.6	130.68	0.0747
34	20	LDR BIAS	133.31	133.89	0.5811
35	20	LDR BIAS	133.7	133.7	0.0001
36	20	LDR UNBIAS	134.53	133.77	-0.7604
37	20	LDR UNBIAS	133.25	133.43	0.1809
38	20	LDR UNBIAS	132.93	133.37	0.4439
39	20	LDR UNBIAS	131.36	130.92	-0.4458
40	20	LDR UNBIAS	134.17	133.58	-0.5832
41	30	LDR BIAS	131.77	131.42	-0.3452
42	30	LDR BIAS	132.25	131.82	-0.425
43	30	LDR BIAS	130.6	130.29	-0.3129
44	30	LDR BIAS	133.31	133.38	0.0754
45	30	LDR BIAS	133.7	133.68	-0.0203
46	30	LDR UNBIAS	134.53	133.33	-1.1946
47	30	LDR UNBIAS	133.25	132.86	-0.395
48	30	LDR UNBIAS	132.93	132.95	0.0231
49	30	LDR UNBIAS	131.36	130.93	-0.4356
50	30	LDR UNBIAS	134.17	133.05	-1.1197
51	50	LDR BIAS	131.77	132.28	0.5174
52	50	LDR BIAS	132.25	133.21	0.9557
53	50	LDR BIAS	130.6	130.92	0.3181
54	50	LDR BIAS	133.31	133.91	0.6071
55	50	LDR BIAS	133.7	134.56	0.8637
56	50	LDR UNBIAS	134.53	134.09	-0.44
57	50	LDR UNBIAS	133.25	133.14	-0.1168
58	50	LDR UNBIAS	132.93	133.12	0.1892
59	50	LDR UNBIAS	131.36	131.88	0.5227
60	50	LDR UNBIAS	134.17	134.11	-0.0583
61	100	LDR BIAS	131.77	130.32	-1.4493
62	100	LDR BIAS	132.25	131.05	-1.1972
63	100	LDR BIAS	130.6	129.11	-1.4965
64	100	LDR BIAS	133.31	131.55	-1.757
65	100	LDR BIAS	133.7	131.93	-1.7622
66	100	LDR UNBIAS	134.53	131.37	-3.1517
67	100	LDR UNBIAS	133.25	130.61	-2.6379
68	100	LDR UNBIAS	132.93	130.55	-2.3776
69	100	LDR UNBIAS	131.36	129.52	-1.8424
70	100	LDR UNBIAS	134.17	131.43	-2.7402

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	133.36	134.29	134.92	0.69416	133.55	134.84	136.03	1.0207	0.0459	0.5484	1.1119	0.51229
3	130.6	132.79	134.53	1.2649	130.57	132.7	134.36	1.2281	-1.6804	-0.08166	1.5548	0.76417
10	130.6	132.79	134.53	1.2649	131.29	133.32	135.07	1.1956	-0.3119	0.53606	1.0716	0.48073
20	130.6	132.79	134.53	1.2649	130.68	132.7	133.89	1.2552	-0.7604	-0.08436	0.5811	0.43141
30	130.6	132.79	134.53	1.2649	130.29	132.37	133.68	1.1691	-1.1946	-0.41498	0.0754	0.43574
50	130.6	132.79	134.53	1.2649	130.92	133.12	134.56	1.1396	-0.44	0.33588	0.9557	0.44576
100	130.6	132.79	134.53	1.2649	129.11	130.74	131.93	0.90946	-3.1517	-2.0412	-1.1972	0.64537

Device Test: 26.4 TIMING|MIN/OUT/14/14/0/0/5/500kHz//@TON_MIN





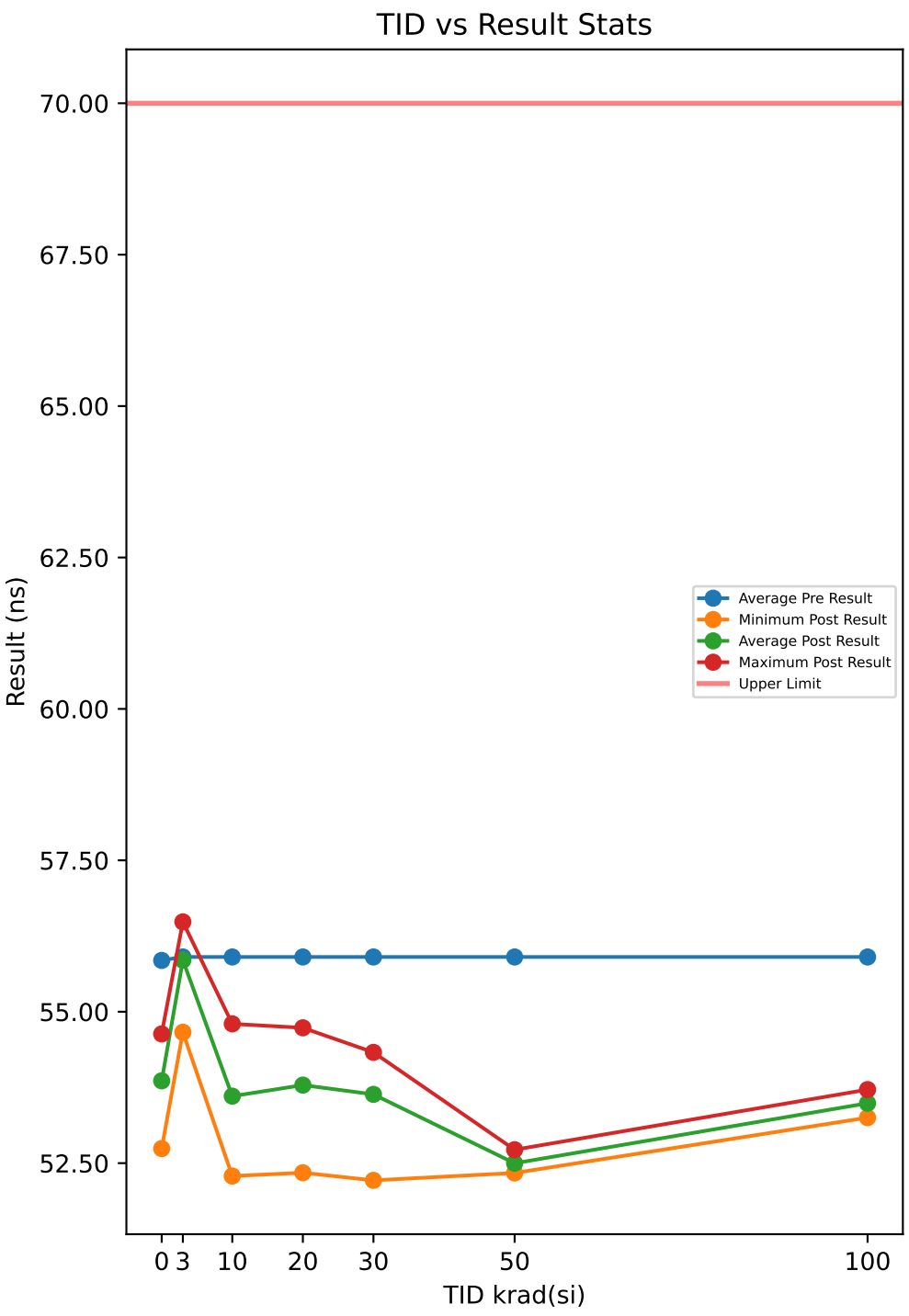
Test Results (Upper Limit = 165.0 (ns))

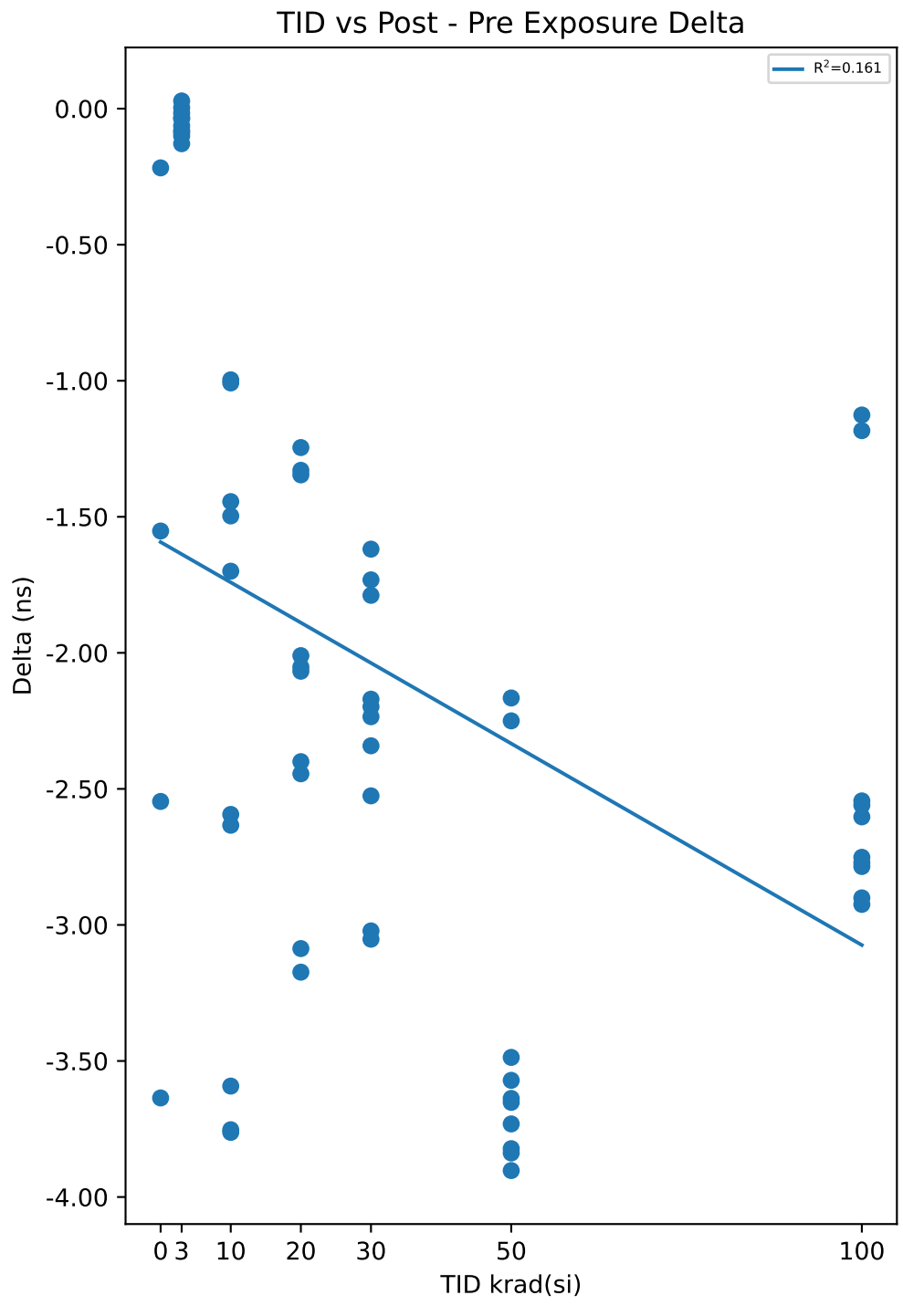
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	131.67	131.65	-0.0265
2	3	LDR BIAS	132.19	130.51	-1.6702
3	3	LDR BIAS	130.55	132.09	1.5423
4	3	LDR BIAS	133.25	133.2	-0.0465
5	3	LDR BIAS	133.6	133.46	-0.1379
6	3	LDR UNBIAS	134.43	134.27	-0.162
7	3	LDR UNBIAS	133.17	133.09	-0.0847
8	3	LDR UNBIAS	132.89	132.85	-0.0401
9	3	LDR UNBIAS	131.33	131.23	-0.0971
10	3	LDR UNBIAS	134.09	133.95	-0.1384
11	0	CORRELATION	133.29	133.48	0.1855
12	0	CORRELATION	134.64	134.66	0.0131
13	0	CORRELATION	134.84	135.94	1.0969
14	0	CORRELATION	134.09	134.96	0.8717
21	10	LDR BIAS	131.67	132.79	1.1198
22	10	LDR BIAS	132.19	133.1	0.9138
23	10	LDR BIAS	130.55	131.4	0.8497
24	10	LDR BIAS	133.25	134.17	0.9158
25	10	LDR BIAS	133.6	133.67	0.0671
26	10	LDR UNBIAS	134.43	134.96	0.5306
27	10	LDR UNBIAS	133.17	133.78	0.6058
28	10	LDR UNBIAS	132.89	133.67	0.7843
29	10	LDR UNBIAS	131.33	131.25	-0.0792
30	10	LDR UNBIAS	134.09	133.76	-0.3275
31	20	LDR BIAS	131.67	131.54	-0.1388
32	20	LDR BIAS	132.19	132.03	-0.16
33	20	LDR BIAS	130.55	130.58	0.0325
34	20	LDR BIAS	133.25	133.84	0.5899
35	20	LDR BIAS	133.6	133.62	0.0172
36	20	LDR UNBIAS	134.43	133.67	-0.7568
37	20	LDR UNBIAS	133.17	133.37	0.1995
38	20	LDR UNBIAS	132.89	133.34	0.4504
39	20	LDR UNBIAS	131.33	130.85	-0.4715
40	20	LDR UNBIAS	134.09	133.51	-0.5784
41	30	LDR BIAS	131.67	131.34	-0.3343
42	30	LDR BIAS	132.19	131.76	-0.4229
43	30	LDR BIAS	130.55	130.2	-0.3514
44	30	LDR BIAS	133.25	133.34	0.0924
45	30	LDR BIAS	133.6	133.58	-0.0241
46	30	LDR UNBIAS	134.43	133.25	-1.1807
47	30	LDR UNBIAS	133.17	132.79	-0.3849
48	30	LDR UNBIAS	132.89	132.92	0.0394
49	30	LDR UNBIAS	131.33	130.85	-0.4724
50	30	LDR UNBIAS	134.09	132.99	-1.0966
51	50	LDR BIAS	131.67	132.24	0.5685
52	50	LDR BIAS	132.19	133.16	0.9727
53	50	LDR BIAS	130.55	130.82	0.2707
54	50	LDR BIAS	133.25	133.86	0.609
55	50	LDR BIAS	133.6	134.49	0.8902
56	50	LDR UNBIAS	134.43	134.02	-0.4125
57	50	LDR UNBIAS	133.17	133.1	-0.0759
58	50	LDR UNBIAS	132.89	133.07	0.1883
59	50	LDR UNBIAS	131.33	131.86	0.536
60	50	LDR UNBIAS	134.09	134.07	-0.0184
61	100	LDR BIAS	131.67	130.26	-1.4107
62	100	LDR BIAS	132.19	130.99	-1.1988
63	100	LDR BIAS	130.55	129	-1.5549
64	100	LDR BIAS	133.25	131.48	-1.7669
65	100	LDR BIAS	133.6	131.87	-1.7259
66	100	LDR UNBIAS	134.43	131.3	-3.1298
67	100	LDR UNBIAS	133.17	130.58	-2.5911
68	100	LDR UNBIAS	132.89	130.51	-2.3704
69	100	LDR UNBIAS	131.33	129.48	-1.8431
70	100	LDR UNBIAS	134.09	131.37	-2.7183

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	133.29	134.22	134.84	0.69169	133.48	134.76	135.94	1.0124	0.0131	0.5418	1.0969	0.52391
3	130.55	132.72	134.43	1.2523	130.51	132.63	134.27	1.2199	-1.6702	-0.08611	1.5423	0.75862
10	130.55	132.72	134.43	1.2523	131.25	133.25	134.96	1.1701	-0.3275	0.53802	1.1198	0.48725
20	130.55	132.72	134.43	1.2523	130.58	132.63	133.84	1.2586	-0.7568	-0.0816	0.5899	0.4346
30	130.55	132.72	134.43	1.2523	130.2	132.3	133.58	1.1756	-1.1807	-0.41355	0.0924	0.43236
50	130.55	132.72	134.43	1.2523	130.82	133.07	134.49	1.1424	-0.4125	0.35286	0.9727	0.4422
100	130.55	132.72	134.43	1.2523	129	130.69	131.87	0.91323	-3.1298	-2.031	-1.1988	0.6334

Device Test: 26.5 TIMING|EXT/OUT/4.5/4.5/0/0/4.5/500kHz//@T_OFF_EXTENDER





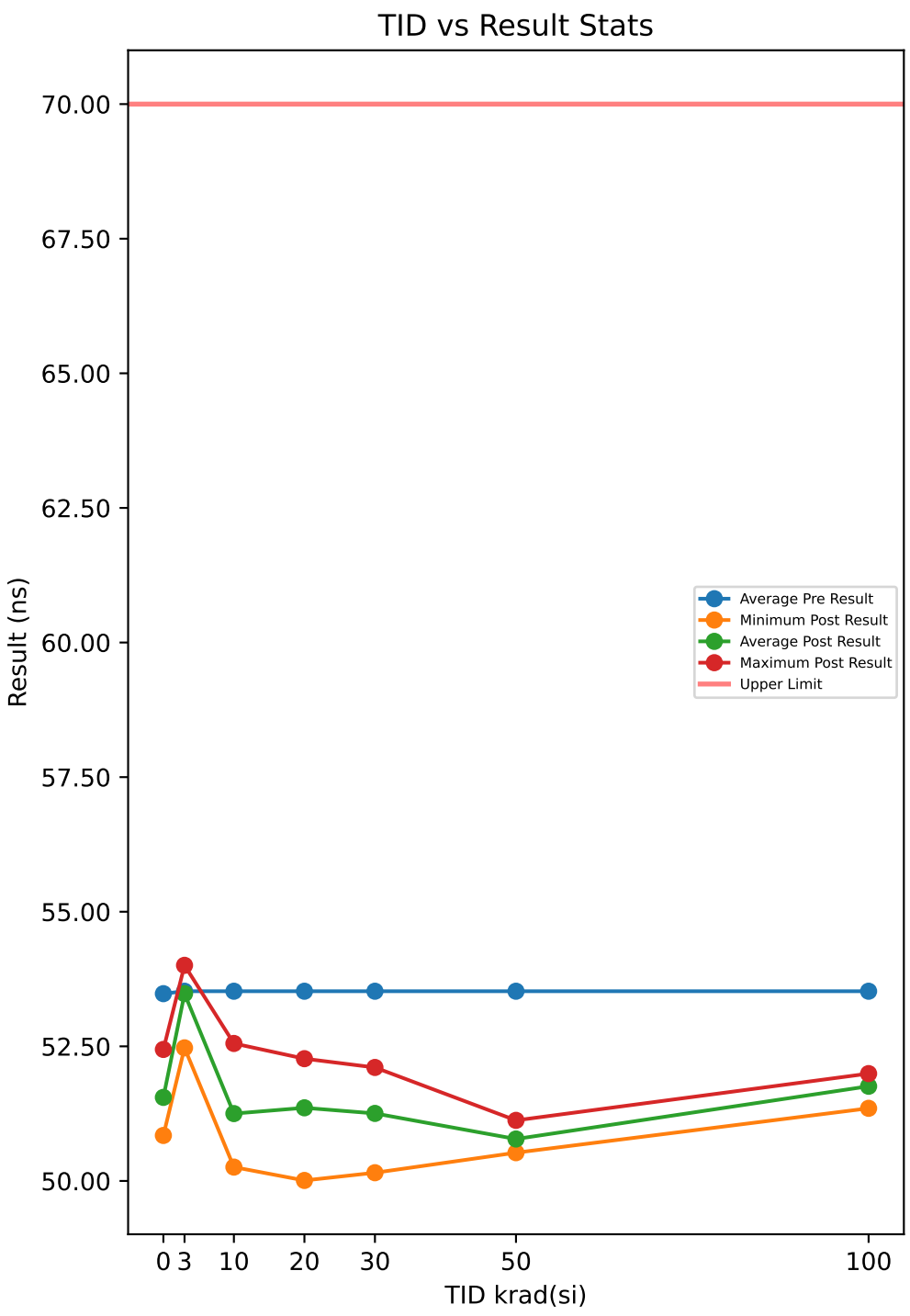
Test Results (Upper Limit = 70.0 (ns))

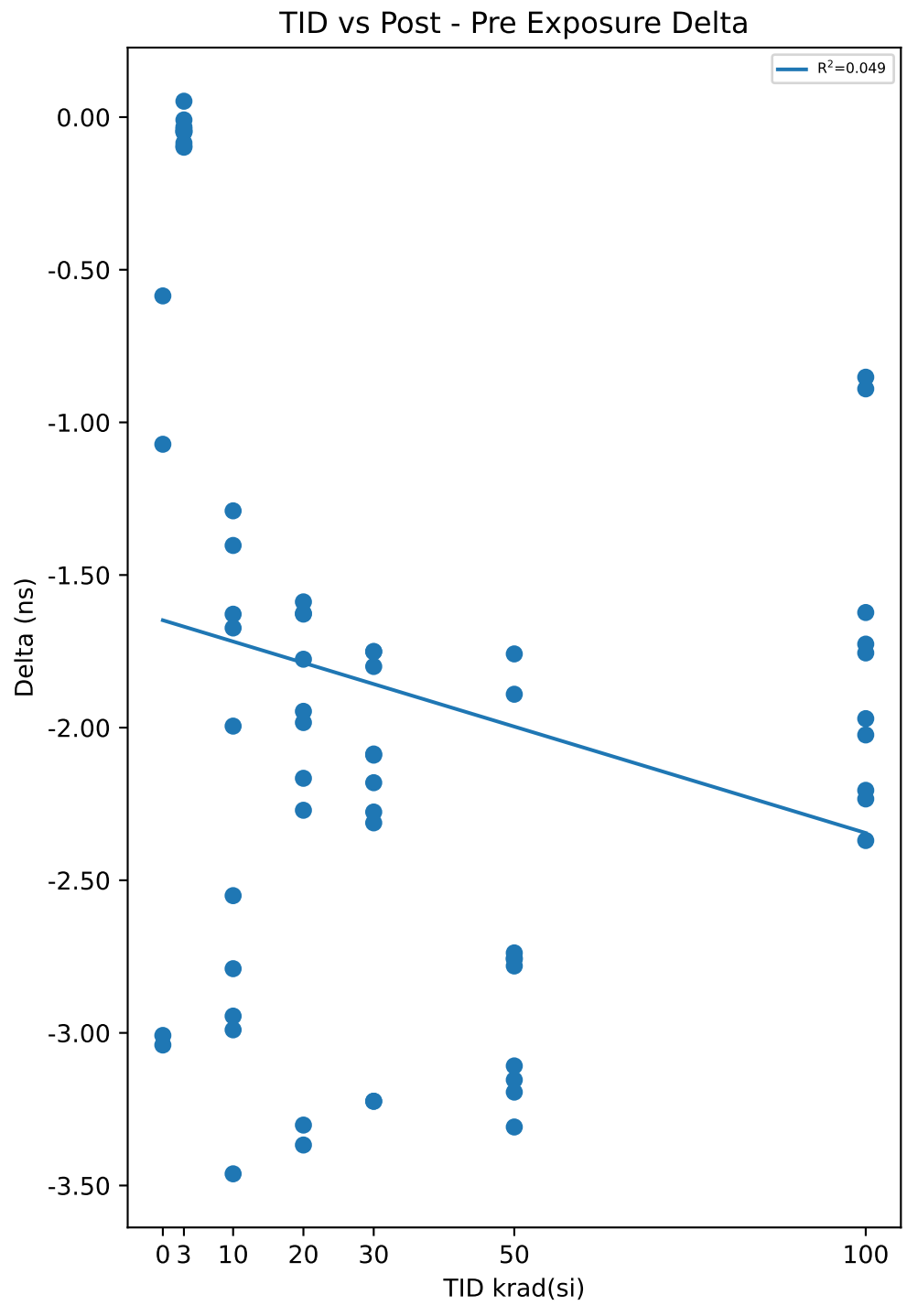
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	55.88	55.908	0.0284
2	3	LDR BIAS	56.242	56.209	-0.0331
3	3	LDR BIAS	56.176	56.047	-0.1288
4	3	LDR BIAS	54.888	54.788	-0.1
5	3	LDR BIAS	56.015	56.018	0.0036
6	3	LDR UNBIAS	56.24	56.177	-0.0631
7	3	LDR UNBIAS	56.279	56.192	-0.087
8	3	LDR UNBIAS	54.742	54.661	-0.0802
9	3	LDR UNBIAS	56.081	56.044	-0.0369
10	3	LDR UNBIAS	56.5	56.484	-0.016
11	0	CORRELATION	56.186	54.634	-1.5522
12	0	CORRELATION	54.623	54.405	-0.2176
13	0	CORRELATION	56.205	53.658	-2.5462
14	0	CORRELATION	56.376	52.74	-3.6359
21	10	LDR BIAS	55.88	52.287	-3.5923
22	10	LDR BIAS	56.242	53.608	-2.6336
23	10	LDR BIAS	56.176	52.414	-3.7624
24	10	LDR BIAS	54.888	53.88	-1.0081
25	10	LDR BIAS	56.015	54.57	-1.4442
26	10	LDR UNBIAS	56.24	53.646	-2.5939
27	10	LDR UNBIAS	56.279	52.526	-3.7528
28	10	LDR UNBIAS	54.742	53.745	-0.9966
29	10	LDR UNBIAS	56.081	54.584	-1.4968
30	10	LDR UNBIAS	56.5	54.8	-1.6999
31	20	LDR BIAS	55.88	54.634	-1.2455
32	20	LDR BIAS	56.242	54.174	-2.0676
33	20	LDR BIAS	56.176	53.089	-3.0869
34	20	LDR BIAS	54.888	52.443	-2.4445
35	20	LDR BIAS	56.015	54.685	-1.3292
36	20	LDR UNBIAS	56.24	54.188	-2.0518
37	20	LDR UNBIAS	56.279	53.105	-3.1736
38	20	LDR UNBIAS	54.742	52.342	-2.3999
39	20	LDR UNBIAS	56.081	54.735	-1.3459
40	20	LDR UNBIAS	56.5	54.489	-2.0103
41	30	LDR BIAS	55.88	54.261	-1.6189
42	30	LDR BIAS	56.242	54.007	-2.2348
43	30	LDR BIAS	56.176	53.154	-3.022
44	30	LDR BIAS	54.888	52.546	-2.3416
45	30	LDR BIAS	56.015	54.283	-1.7318
46	30	LDR UNBIAS	56.24	54.042	-2.1978
47	30	LDR UNBIAS	56.279	53.227	-3.0524
48	30	LDR UNBIAS	54.742	52.216	-2.5256
49	30	LDR UNBIAS	56.081	54.292	-1.7886
50	30	LDR UNBIAS	56.5	54.329	-2.1703
51	50	LDR BIAS	55.88	52.393	-3.4869
52	50	LDR BIAS	56.242	52.339	-3.9028
53	50	LDR BIAS	56.176	52.338	-3.8381
54	50	LDR BIAS	54.888	52.722	-2.1659
55	50	LDR BIAS	56.015	52.443	-3.5712
56	50	LDR UNBIAS	56.24	52.588	-3.6521
57	50	LDR UNBIAS	56.279	52.548	-3.7314
58	50	LDR UNBIAS	54.742	52.492	-2.25
59	50	LDR UNBIAS	56.081	52.443	-3.6377
60	50	LDR UNBIAS	56.5	52.677	-3.8223
61	100	LDR BIAS	55.88	53.319	-2.5601
62	100	LDR BIAS	56.242	53.341	-2.9006
63	100	LDR BIAS	56.176	53.252	-2.9245
64	100	LDR BIAS	54.888	53.704	-1.1834
65	100	LDR BIAS	56.015	53.412	-2.6028
66	100	LDR UNBIAS	56.24	53.696	-2.5442
67	100	LDR UNBIAS	56.279	53.507	-2.7717
68	100	LDR UNBIAS	54.742	53.616	-1.1259
69	100	LDR UNBIAS	56.081	53.329	-2.7515
70	100	LDR UNBIAS	56.5	53.714	-2.7853

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	54.623	55.847	56.376	0.82083	52.74	53.859	54.634	0.85442	-3.6359	-1.988	-0.2176	1.455
3	54.742	55.904	56.5	0.59861	54.661	55.853	56.484	0.61498	-0.1288	-0.05131	0.0284	0.049191
10	54.742	55.904	56.5	0.59861	52.287	53.606	54.8	0.92696	-3.7624	-2.2981	-0.9966	1.1167
20	54.742	55.904	56.5	0.59861	52.342	53.789	54.735	0.94711	-3.1736	-2.1155	-1.2455	0.68615
30	54.742	55.904	56.5	0.59861	52.216	53.636	54.329	0.79068	-3.0524	-2.2684	-1.6189	0.49551
50	54.742	55.904	56.5	0.59861	52.338	52.498	52.722	0.13372	-3.9028	-3.4058	-2.1659	0.6442
100	54.742	55.904	56.5	0.59861	53.252	53.489	53.714	0.18102	-2.9245	-2.415	-1.1259	0.67697

Device Test: 26.7 TIMING|EXT/OUT/14/14/0/0/5/500kHz//@T_OFF_EXTENDER





Test Results (Upper Limit = 70.0 (ns))

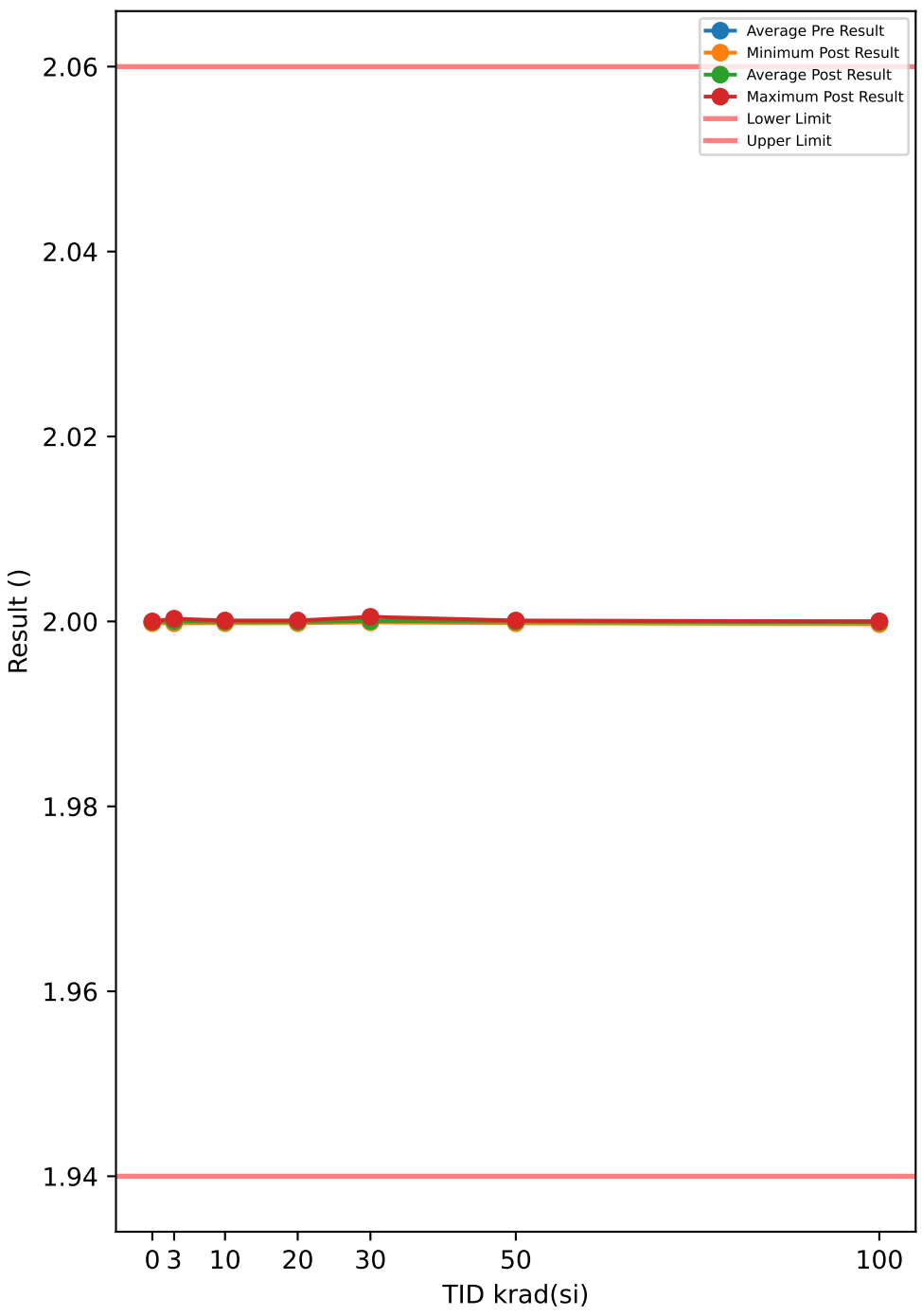
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	53.719	53.674	-0.0449
2	3	LDR BIAS	53.552	53.467	-0.0846
3	3	LDR BIAS	53.377	53.429	0.0521
4	3	LDR BIAS	52.884	52.835	-0.0488
5	3	LDR BIAS	53.859	53.81	-0.0486
6	3	LDR UNBIAS	54.099	54.005	-0.0949
7	3	LDR UNBIAS	53.533	53.435	-0.0986
8	3	LDR UNBIAS	52.511	52.472	-0.0391
9	3	LDR UNBIAS	53.859	53.849	-0.0092
10	3	LDR UNBIAS	53.843	53.811	-0.0321
11	0	CORRELATION	53.514	52.442	-1.0717
12	0	CORRELATION	52.458	51.872	-0.5857
13	0	CORRELATION	54.088	51.048	-3.0397
14	0	CORRELATION	53.853	50.845	-3.0084
21	10	LDR BIAS	53.719	50.257	-3.4617
22	10	LDR BIAS	53.552	51.002	-2.5504
23	10	LDR BIAS	53.377	50.431	-2.945
24	10	LDR BIAS	52.884	51.48	-1.4032
25	10	LDR BIAS	53.859	51.864	-1.995
26	10	LDR UNBIAS	54.099	51.31	-2.7897
27	10	LDR UNBIAS	53.533	50.543	-2.99
28	10	LDR UNBIAS	52.511	50.883	-1.6284
29	10	LDR UNBIAS	53.859	52.185	-1.6735
30	10	LDR UNBIAS	53.843	52.554	-1.2898
31	20	LDR BIAS	53.719	52.093	-1.6255
32	20	LDR BIAS	53.552	51.776	-1.7759
33	20	LDR BIAS	53.377	50.009	-3.3673
34	20	LDR BIAS	52.884	50.718	-2.166
35	20	LDR BIAS	53.859	52.231	-1.6281
36	20	LDR UNBIAS	54.099	52.116	-1.9834
37	20	LDR UNBIAS	53.533	50.231	-3.302
38	20	LDR UNBIAS	52.511	50.24	-2.2707
39	20	LDR UNBIAS	53.859	52.271	-1.588
40	20	LDR UNBIAS	53.843	51.897	-1.9466
41	30	LDR BIAS	53.719	51.968	-1.7506
42	30	LDR BIAS	53.552	51.466	-2.0864
43	30	LDR BIAS	53.377	50.153	-3.2239
44	30	LDR BIAS	52.884	50.794	-2.0901
45	30	LDR BIAS	53.859	52.059	-1.7997
46	30	LDR UNBIAS	54.099	51.788	-2.3119
47	30	LDR UNBIAS	53.533	50.309	-3.224
48	30	LDR UNBIAS	52.511	50.234	-2.2765
49	30	LDR UNBIAS	53.859	52.108	-1.7511
50	30	LDR UNBIAS	53.843	51.663	-2.1804
51	50	LDR BIAS	53.719	50.525	-3.194
52	50	LDR BIAS	53.552	50.797	-2.7549
53	50	LDR BIAS	53.377	50.596	-2.7808
54	50	LDR BIAS	52.884	51.125	-1.7585
55	50	LDR BIAS	53.859	50.705	-3.154
56	50	LDR UNBIAS	54.099	50.791	-3.3083
57	50	LDR UNBIAS	53.533	50.775	-2.7588
58	50	LDR UNBIAS	52.511	50.62	-1.8906
59	50	LDR UNBIAS	53.859	50.751	-3.1082
60	50	LDR UNBIAS	53.843	51.105	-2.738
61	100	LDR BIAS	53.719	51.349	-2.3698
62	100	LDR BIAS	53.552	51.797	-1.7553
63	100	LDR BIAS	53.377	51.65	-1.7264
64	100	LDR BIAS	52.884	51.993	-0.8902
65	100	LDR BIAS	53.859	51.654	-2.2054
66	100	LDR UNBIAS	54.099	51.866	-2.2336
67	100	LDR UNBIAS	53.533	51.91	-1.6229
68	100	LDR UNBIAS	52.511	51.659	-0.852
69	100	LDR UNBIAS	53.859	51.835	-2.0239
70	100	LDR UNBIAS	53.843	51.873	-1.9705

Test Statistics (ns)

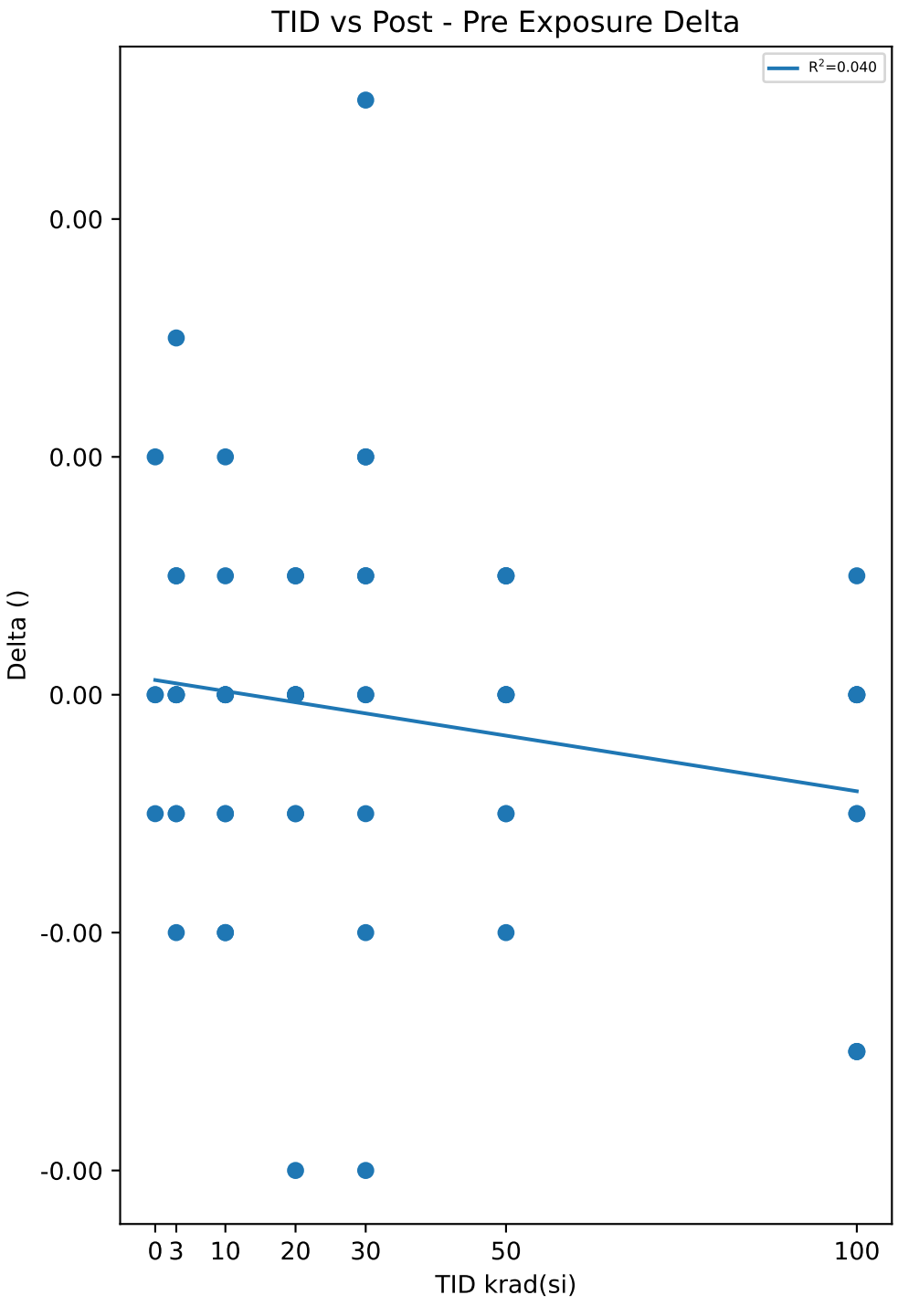
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	52.458	53.478	54.088	0.71985	50.845	51.552	52.442	0.74152	-3.0397	-1.9264	-0.5857	1.283
3	52.511	53.524	54.099	0.48925	52.472	53.479	54.005	0.48369	-0.0986	-0.04487	0.0521	0.044559
10	52.511	53.524	54.099	0.48925	50.257	51.251	52.554	0.77169	-3.4617	-2.2727	-1.2898	0.76725
20	52.511	53.524	54.099	0.48925	50.009	51.358	52.271	0.93827	-3.3673	-2.1654	-1.588	0.65776
30	52.511	53.524	54.099	0.48925	50.153	51.254	52.108	0.79866	-3.224	-2.2695	-1.7506	0.54326
50	52.511	53.524	54.099	0.48925	50.525	50.779	51.125	0.19903	-3.3083	-2.7446	-1.7585	0.52945
100	52.511	53.524	54.099	0.48925	51.349	51.759	51.993	0.18578	-2.3698	-1.765	-0.852	0.52802

Device Test: 28.1 LEVEL|RATIO/CS/4.5/4.5/0/0/4.5/500kHz//@C_CS_R

TID vs Result Stats



TID vs Post - Pre Exposure Delta



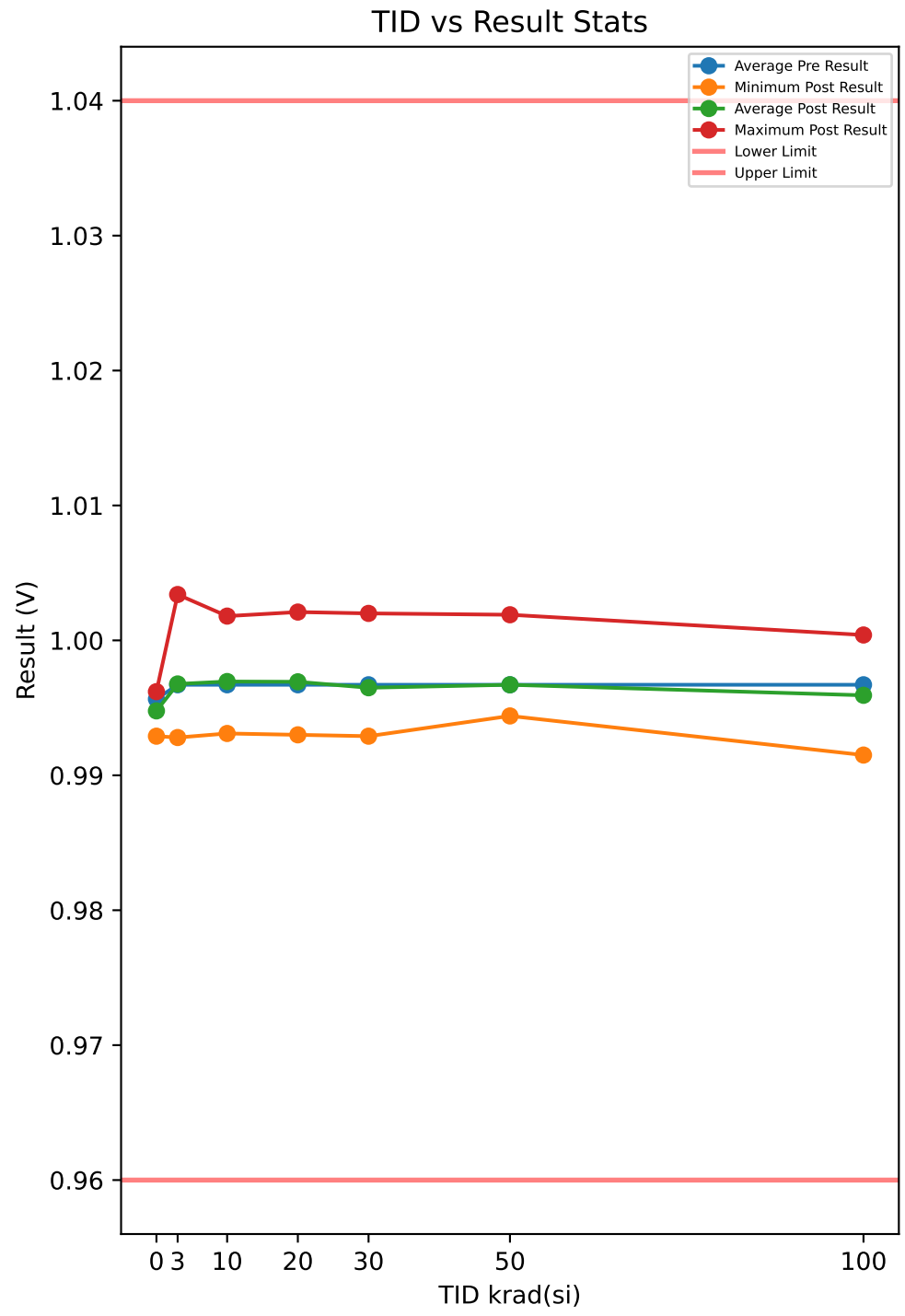
Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.9999	1.9999	0
2	3	LDR BIAS	2	2.0003	0.0003
3	3	LDR BIAS	2	2.0001	0.0001
4	3	LDR BIAS	2.0001	2	-0.0001
5	3	LDR BIAS	2	1.9999	-0.0001
6	3	LDR UNBIAS	2	2.0001	0.0001
7	3	LDR UNBIAS	2	2	0
8	3	LDR UNBIAS	2.0003	2.0001	-0.0002
9	3	LDR UNBIAS	1.9998	1.9998	0
10	3	LDR UNBIAS	2	2	0
11	0	CORRELATION	1.9998	2	0.0002
12	0	CORRELATION	2	2	0
13	0	CORRELATION	2	2	0
14	0	CORRELATION	1.9999	1.9998	-0.0001
21	10	LDR BIAS	1.9999	2.0001	0.0002
22	10	LDR BIAS	2	2	0
23	10	LDR BIAS	2	1.9999	-0.0001
24	10	LDR BIAS	2.0001	2	-0.0001
25	10	LDR BIAS	2	2	0
26	10	LDR UNBIAS	2	2	0
27	10	LDR UNBIAS	2	2	0
28	10	LDR UNBIAS	2.0003	2.0001	-0.0002
29	10	LDR UNBIAS	1.9998	1.9999	0.0001
30	10	LDR UNBIAS	2	1.9998	-0.0002
31	20	LDR BIAS	1.9999	1.9998	-0.0001
32	20	LDR BIAS	2	2	0
33	20	LDR BIAS	2	2.0001	0.0001
34	20	LDR BIAS	2.0001	2	-0.0001
35	20	LDR BIAS	2	2	0
36	20	LDR UNBIAS	2	2	0
37	20	LDR UNBIAS	2	2.0001	0.0001
38	20	LDR UNBIAS	2.0003	1.9999	-0.0004
39	20	LDR UNBIAS	1.9998	1.9998	0
40	20	LDR UNBIAS	2	2	0
41	30	LDR BIAS	1.9999	2.0001	0.0002
42	30	LDR BIAS	2	2.0005	0.0005
43	30	LDR BIAS	2	2	0
44	30	LDR BIAS	2.0001	1.9999	-0.0002
45	30	LDR BIAS	2	2	0
46	30	LDR UNBIAS	2	2.0001	0.0001
47	30	LDR UNBIAS	2	1.9999	-0.0001
48	30	LDR UNBIAS	2.0003	1.9999	-0.0004
49	30	LDR UNBIAS	1.9998	1.9999	0.0001
50	30	LDR UNBIAS	2	2.0002	0.0002
51	50	LDR BIAS	1.9999	2	0.0001
52	50	LDR BIAS	2	2	0
53	50	LDR BIAS	2	2	0
54	50	LDR BIAS	2.0001	2	-0.0001
55	50	LDR BIAS	2	2.0001	0.0001
56	50	LDR UNBIAS	2	1.9999	-0.0001
57	50	LDR UNBIAS	2	2	0
58	50	LDR UNBIAS	2.0003	2.0001	-0.0002
59	50	LDR UNBIAS	1.9998	1.9998	0
60	50	LDR UNBIAS	2	2.0001	0.0001
61	100	LDR BIAS	1.9999	2	0.0001
62	100	LDR BIAS	2	1.9999	-0.0001
63	100	LDR BIAS	2	1.9997	-0.0003
64	100	LDR BIAS	2.0001	1.9998	-0.0003
65	100	LDR BIAS	2	2	0
66	100	LDR UNBIAS	2	2	0
67	100	LDR UNBIAS	2	2	0
68	100	LDR UNBIAS	2.0003	2	-0.0003
69	100	LDR UNBIAS	1.9998	1.9997	-0.0001
70	100	LDR UNBIAS	2	2	0

Test Statistics ()

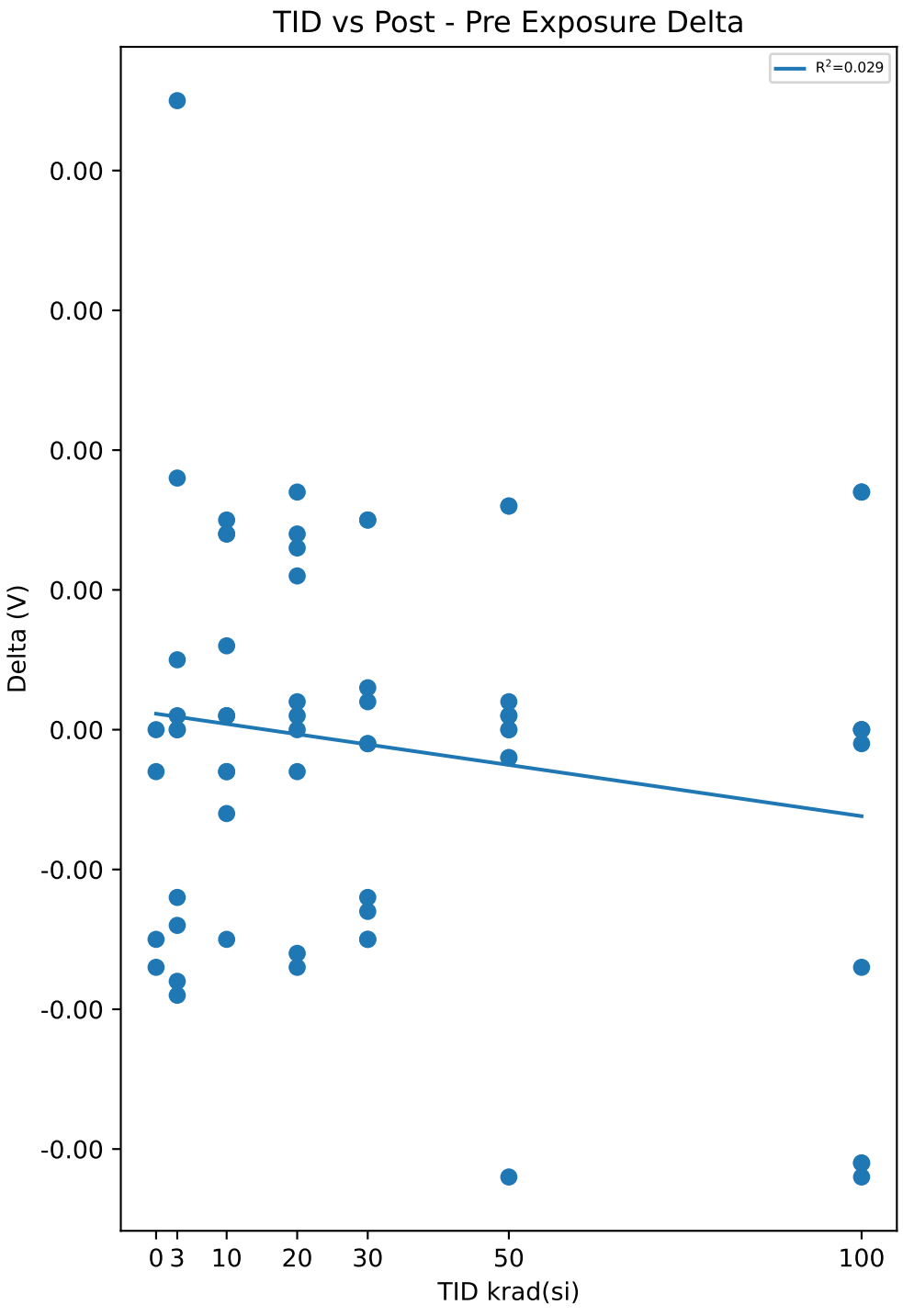
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9998	1.9999	2	9.5743e-05	1.9998	2	2	0.0001	-0.0001	2.5e-05	0.0002	0.00012583
3	1.9998	2	2.0003	0.00012867	1.9998	2	2.0003	0.00013984	-0.0002	1e-05	0.0003	0.00013703
10	1.9998	2	2.0003	0.00012867	1.9998	2	2.0001	9.1894e-05	-0.0002	-3e-05	0.0002	0.00012517
20	1.9998	2	2.0003	0.00012867	1.9998	2	2.0001	0.00010593	-0.0004	-4e-05	0.0001	0.00014298
30	1.9998	2	2.0003	0.00012867	1.9999	2.0001	2.0005	0.00019003	-0.0004	4e-05	0.0005	0.00024585
50	1.9998	2	2.0003	0.00012867	1.9998	2	2.0001	9.4281e-05	-0.0002	-1e-05	0.0001	9.9443e-05
100	1.9998	2	2.0003	0.00012867	1.9997	1.9999	2	0.00012867	-0.0003	-0.0001	0.0001	0.00014907

Device Test: 28.10 VOLTAGE|OC/CS/5/5/0/0/5/100kHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

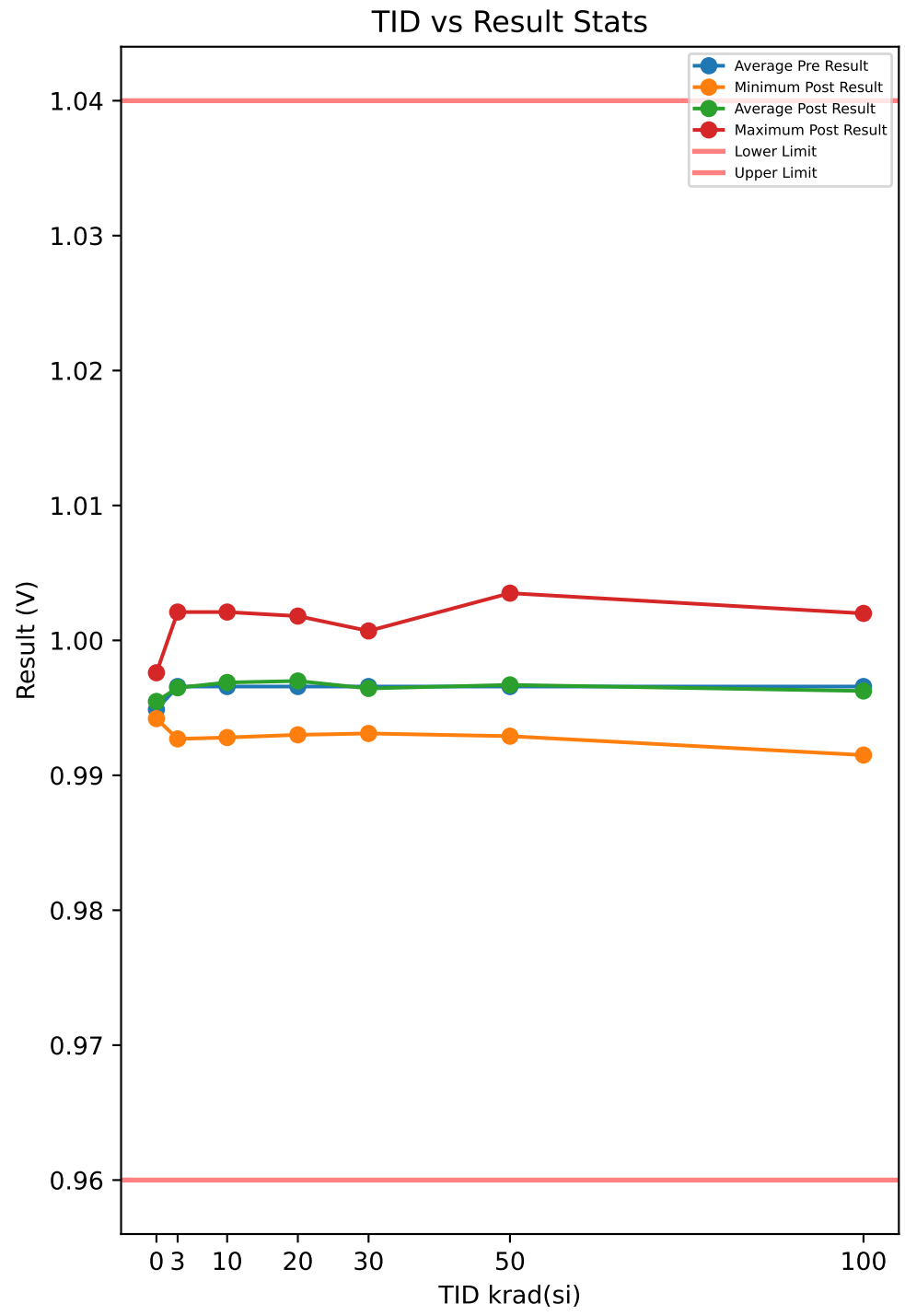
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9946	0.9928	-0.0018
2	3	LDR BIAS	1.0021	1.0007	-0.0014
3	3	LDR BIAS	0.9989	1.0034	0.0045
4	3	LDR BIAS	0.9944	0.9944	0
5	3	LDR BIAS	0.9976	0.9957	-0.0019
6	3	LDR UNBIAS	0.9944	0.9932	-0.0012
7	3	LDR UNBIAS	0.9961	0.9961	0
8	3	LDR UNBIAS	1.0004	1.0005	0.0001
9	3	LDR UNBIAS	0.9943	0.9961	0.0018
10	3	LDR UNBIAS	0.9943	0.9948	0.0005
11	0	CORRELATION	0.9977	0.9962	-0.0015
12	0	CORRELATION	0.9944	0.9944	0
13	0	CORRELATION	0.9946	0.9929	-0.0017
14	0	CORRELATION	0.9959	0.9956	-0.0003
21	10	LDR BIAS	0.9946	0.9931	-0.0015
22	10	LDR BIAS	1.0021	1.0018	-0.0003
23	10	LDR BIAS	0.9989	1.0003	0.0014
24	10	LDR BIAS	0.9944	0.9945	0.0001
25	10	LDR BIAS	0.9976	0.997	-0.0006
26	10	LDR UNBIAS	0.9944	0.9945	0.0001
27	10	LDR UNBIAS	0.9961	0.9958	-0.0003
28	10	LDR UNBIAS	1.0004	1.0018	0.0014
29	10	LDR UNBIAS	0.9943	0.9949	0.0006
30	10	LDR UNBIAS	0.9943	0.9958	0.0015
31	20	LDR BIAS	0.9946	0.993	-0.0016
32	20	LDR BIAS	1.0021	1.0018	-0.0003
33	20	LDR BIAS	0.9989	1.0003	0.0014
34	20	LDR BIAS	0.9944	0.9957	0.0013
35	20	LDR BIAS	0.9976	0.9959	-0.0017
36	20	LDR UNBIAS	0.9944	0.9944	0
37	20	LDR UNBIAS	0.9961	0.9972	0.0011
38	20	LDR UNBIAS	1.0004	1.0021	0.0017
39	20	LDR UNBIAS	0.9943	0.9945	0.0002
40	20	LDR UNBIAS	0.9943	0.9944	0.0001
41	30	LDR BIAS	0.9946	0.9931	-0.0015
42	30	LDR BIAS	1.0021	1.002	-0.0001
43	30	LDR BIAS	0.9989	0.9991	0.0002
44	30	LDR BIAS	0.9944	0.9959	0.0015
45	30	LDR BIAS	0.9976	0.9964	-0.0012
46	30	LDR UNBIAS	0.9944	0.9929	-0.0015
47	30	LDR UNBIAS	0.9961	0.9976	0.0015
48	30	LDR UNBIAS	1.0004	1.0003	-0.0001
49	30	LDR UNBIAS	0.9943	0.9946	0.0003
50	30	LDR UNBIAS	0.9943	0.993	-0.0013
51	50	LDR BIAS	0.9946	0.9944	-0.0002
52	50	LDR BIAS	1.0021	1.0019	-0.0002
53	50	LDR BIAS	0.9989	0.9989	0
54	50	LDR BIAS	0.9944	0.996	0.0016
55	50	LDR BIAS	0.9976	0.9944	-0.0032
56	50	LDR UNBIAS	0.9944	0.9945	0.0001
57	50	LDR UNBIAS	0.9961	0.9977	0.0016
58	50	LDR UNBIAS	1.0004	1.0004	0
59	50	LDR UNBIAS	0.9943	0.9945	0.0002
60	50	LDR UNBIAS	0.9943	0.9944	0.0001
61	100	LDR BIAS	0.9946	0.9915	-0.0031
62	100	LDR BIAS	1.0021	1.0004	-0.0017
63	100	LDR BIAS	0.9989	0.9958	-0.0031
64	100	LDR BIAS	0.9944	0.9944	0
65	100	LDR BIAS	0.9976	0.9944	-0.0032
66	100	LDR UNBIAS	0.9944	0.9944	0
67	100	LDR UNBIAS	0.9961	0.996	-0.0001
68	100	LDR UNBIAS	1.0004	1.0004	0
69	100	LDR UNBIAS	0.9943	0.996	0.0017
70	100	LDR UNBIAS	0.9943	0.996	0.0017



Test Statistics (V)

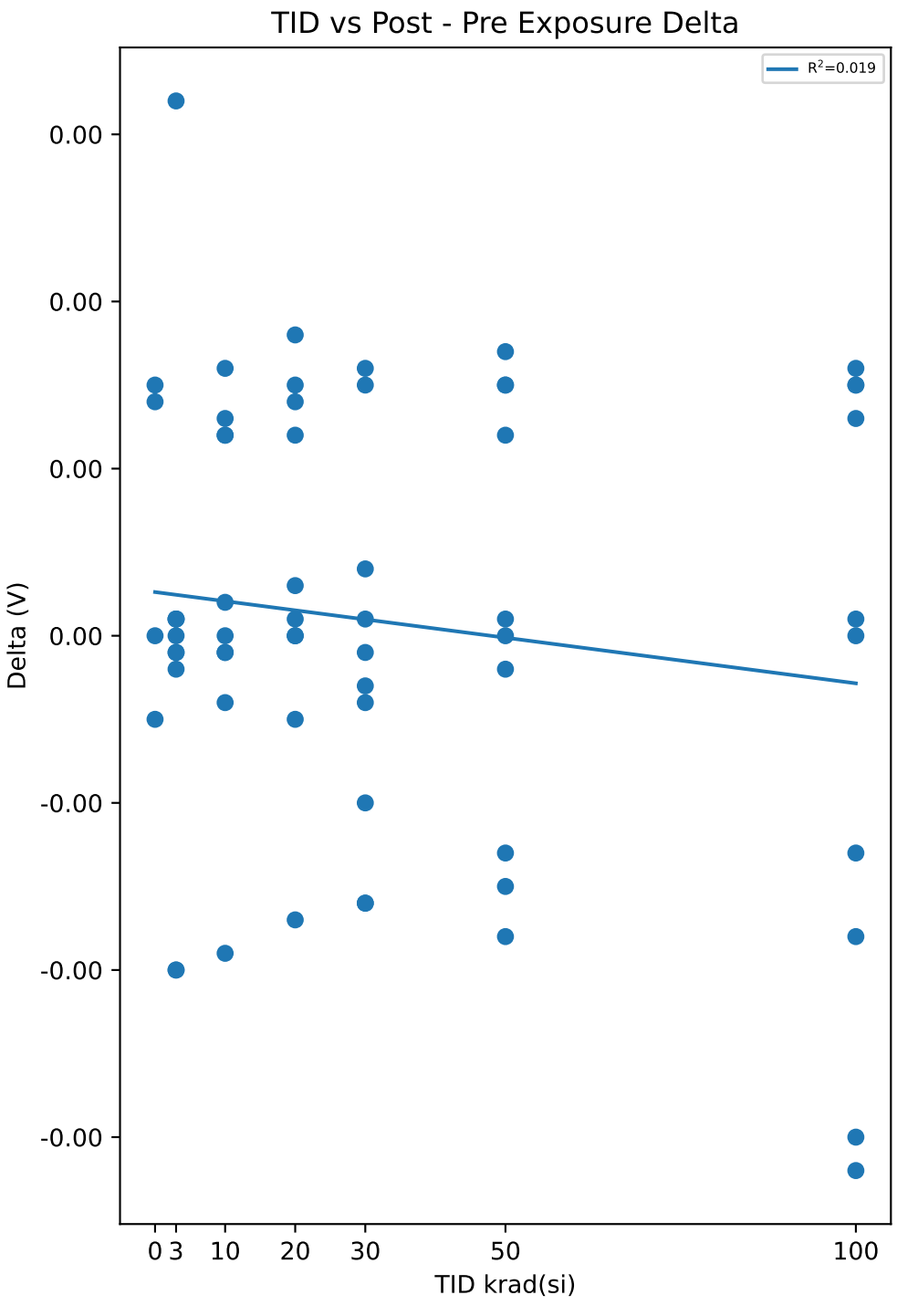
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9944	0.99565	0.9977	0.0015199	0.9929	0.99477	0.9962	0.0014569	-0.0017	-0.000875	0	0.00085
3	0.9943	0.99671	1.0021	0.0028938	0.9928	0.99677	1.0034	0.003549	-0.0019	6e-05	0.0045	0.0019426
10	0.9943	0.99671	1.0021	0.0028938	0.9931	0.99695	1.0018	0.0031963	-0.0015	0.00024	0.0015	0.0009868
20	0.9943	0.99671	1.0021	0.0028938	0.993	0.99693	1.0021	0.0033099	-0.0017	0.00022	0.0017	0.0011952
30	0.9943	0.99671	1.0021	0.0028938	0.9929	0.99649	1.002	0.0032216	-0.0015	-0.00022	0.0015	0.0011448
50	0.9943	0.99671	1.0021	0.0028938	0.9944	0.99671	1.0019	0.0028404	-0.0032	1.1102e-17	0.0016	0.0013123
100	0.9943	0.99671	1.0021	0.0028938	0.9915	0.99593	1.0004	0.0027211	-0.0032	-0.00078	0.0017	0.0018873

Device Test: 28.11 VOLTAGE|OC/CS/12/12/0/0/5/100kHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

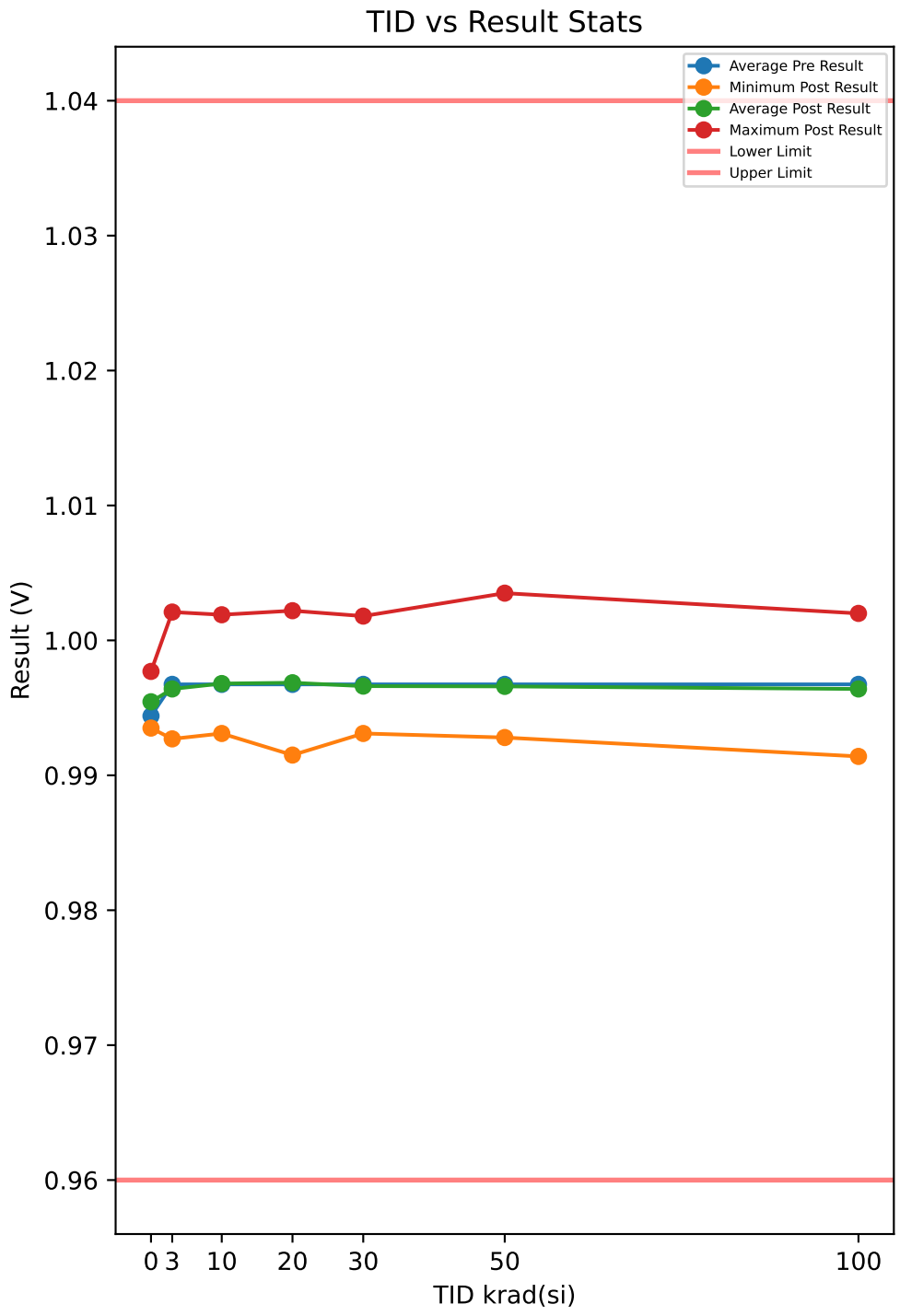
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9947	0.9927	-0.002
2	3	LDR BIAS	1.0023	1.0003	-0.002
3	3	LDR BIAS	0.9989	1.0021	0.0032
4	3	LDR BIAS	0.9943	0.9944	0.0001
5	3	LDR BIAS	0.9958	0.9959	0.0001
6	3	LDR UNBIAS	0.9944	0.9945	0.0001
7	3	LDR UNBIAS	0.9961	0.9961	0
8	3	LDR UNBIAS	1.0005	1.0004	-0.0001
9	3	LDR UNBIAS	0.9944	0.9942	-0.0002
10	3	LDR UNBIAS	0.9944	0.9943	-0.0001
11	0	CORRELATION	0.9961	0.9976	0.0015
12	0	CORRELATION	0.9944	0.9944	0
13	0	CORRELATION	0.9928	0.9942	0.0014
14	0	CORRELATION	0.9962	0.9957	-0.0005
21	10	LDR BIAS	0.9947	0.9928	-0.0019
22	10	LDR BIAS	1.0023	1.0019	-0.0004
23	10	LDR BIAS	0.9989	1.0001	0.0012
24	10	LDR BIAS	0.9943	0.9945	0.0002
25	10	LDR BIAS	0.9958	0.997	0.0012
26	10	LDR UNBIAS	0.9944	0.9943	-0.0001
27	10	LDR UNBIAS	0.9961	0.9974	0.0013
28	10	LDR UNBIAS	1.0005	1.0021	0.0016
29	10	LDR UNBIAS	0.9944	0.9943	-0.0001
30	10	LDR UNBIAS	0.9944	0.9944	0
31	20	LDR BIAS	0.9947	0.993	-0.0017
32	20	LDR BIAS	1.0023	1.0018	-0.0005
33	20	LDR BIAS	0.9989	1.0007	0.0018
34	20	LDR BIAS	0.9943	0.9957	0.0014
35	20	LDR BIAS	0.9958	0.9959	0.0001
36	20	LDR UNBIAS	0.9944	0.9947	0.0003
37	20	LDR UNBIAS	0.9961	0.9976	0.0015
38	20	LDR UNBIAS	1.0005	1.0017	0.0012
39	20	LDR UNBIAS	0.9944	0.9944	0
40	20	LDR UNBIAS	0.9944	0.9944	0
41	30	LDR BIAS	0.9947	0.9931	-0.0016
42	30	LDR BIAS	1.0023	1.0007	-0.0016
43	30	LDR BIAS	0.9989	0.9986	-0.0003
44	30	LDR BIAS	0.9943	0.9959	0.0016
45	30	LDR BIAS	0.9958	0.9962	0.0004
46	30	LDR UNBIAS	0.9944	0.9943	-0.0001
47	30	LDR UNBIAS	0.9961	0.9976	0.0015
48	30	LDR UNBIAS	1.0005	1.0001	-0.0004
49	30	LDR UNBIAS	0.9944	0.9945	0.0001
50	30	LDR UNBIAS	0.9944	0.9934	-0.001
51	50	LDR BIAS	0.9947	0.9929	-0.0018
52	50	LDR BIAS	1.0023	1.0035	0.0012
53	50	LDR BIAS	0.9989	1.0004	0.0015
54	50	LDR BIAS	0.9943	0.996	0.0017
55	50	LDR BIAS	0.9958	0.9945	-0.0013
56	50	LDR UNBIAS	0.9944	0.9945	0.0001
57	50	LDR UNBIAS	0.9961	0.9959	-0.0002
58	50	LDR UNBIAS	1.0005	0.999	-0.0015
59	50	LDR UNBIAS	0.9944	0.9944	0
60	50	LDR UNBIAS	0.9944	0.9959	0.0015
61	100	LDR BIAS	0.9947	0.9915	-0.0032
62	100	LDR BIAS	1.0023	1.0005	-0.0018
63	100	LDR BIAS	0.9989	0.9959	-0.003
64	100	LDR BIAS	0.9943	0.9944	0.0001
65	100	LDR BIAS	0.9958	0.9945	-0.0013
66	100	LDR UNBIAS	0.9944	0.996	0.0016
67	100	LDR UNBIAS	0.9961	0.9974	0.0013
68	100	LDR UNBIAS	1.0005	1.002	0.0015
69	100	LDR UNBIAS	0.9944	0.9959	0.0015
70	100	LDR UNBIAS	0.9944	0.9944	0



Test Statistics (V)

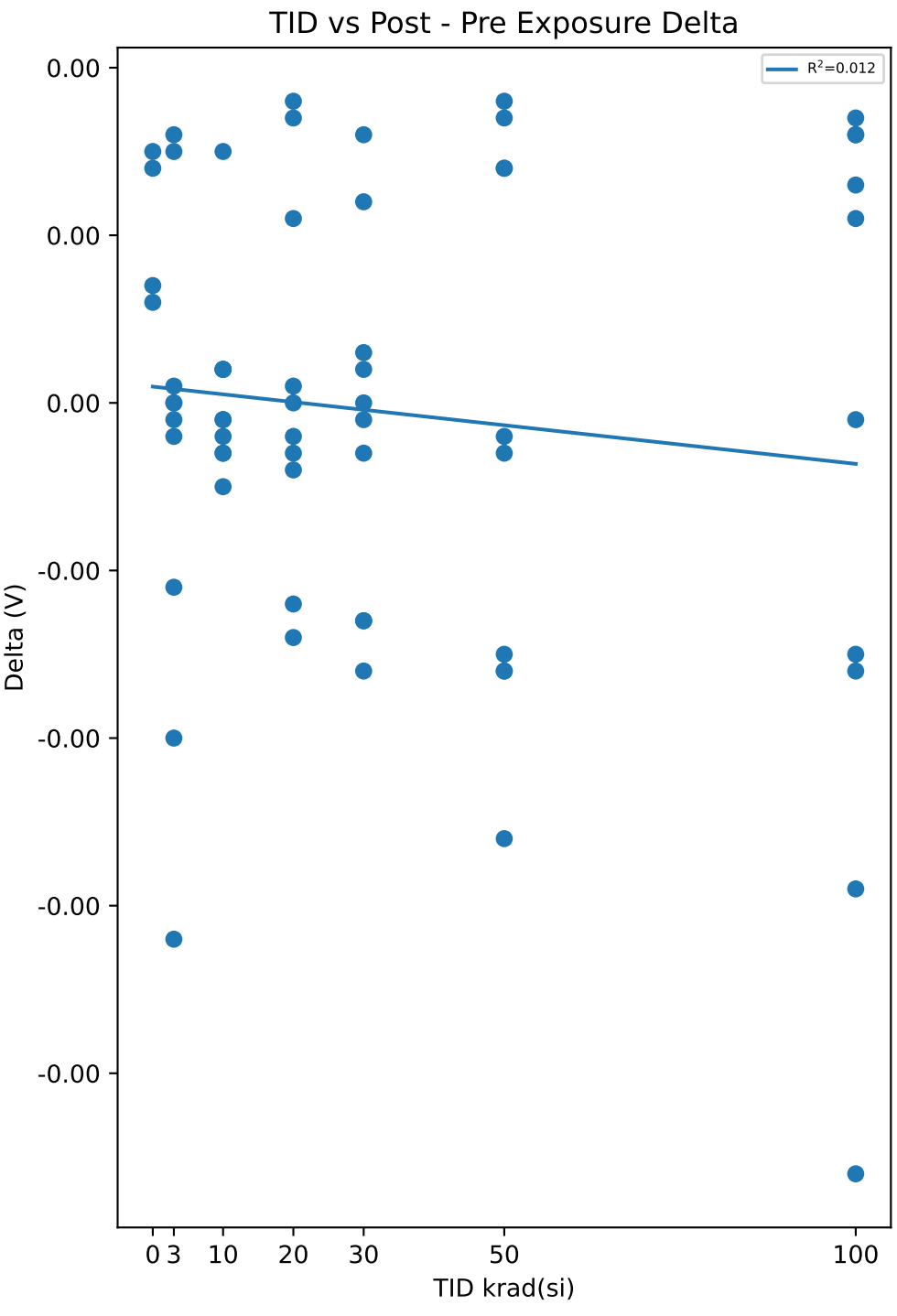
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9928	0.99487	0.9962	0.0016112	0.9942	0.99547	0.9976	0.001565	-0.0005	0.0006	0.0015	0.0010033
3	0.9943	0.99658	1.0023	0.0029306	0.9927	0.99649	1.0021	0.0032405	-0.002	-9e-05	0.0032	0.001424
10	0.9943	0.99658	1.0023	0.0029306	0.9928	0.99688	1.0021	0.0034136	-0.0019	0.0003	0.0016	0.0010573
20	0.9943	0.99658	1.0023	0.0029306	0.993	0.99699	1.0018	0.0032811	-0.0017	0.00041	0.0018	0.0010775
30	0.9943	0.99658	1.0023	0.0029306	0.9931	0.99644	1.0007	0.0027212	-0.0016	-0.00014	0.0016	0.0011138
50	0.9943	0.99658	1.0023	0.0029306	0.9929	0.9967	1.0035	0.0032728	-0.0018	0.00012	0.0017	0.0013298
100	0.9943	0.99658	1.0023	0.0029306	0.9915	0.99625	1.002	0.0030772	-0.0032	-0.00033	0.0016	0.0018809

Device Test: 28.12 VOLTAGE|OC/CS/14/14/0/0/5/100kHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

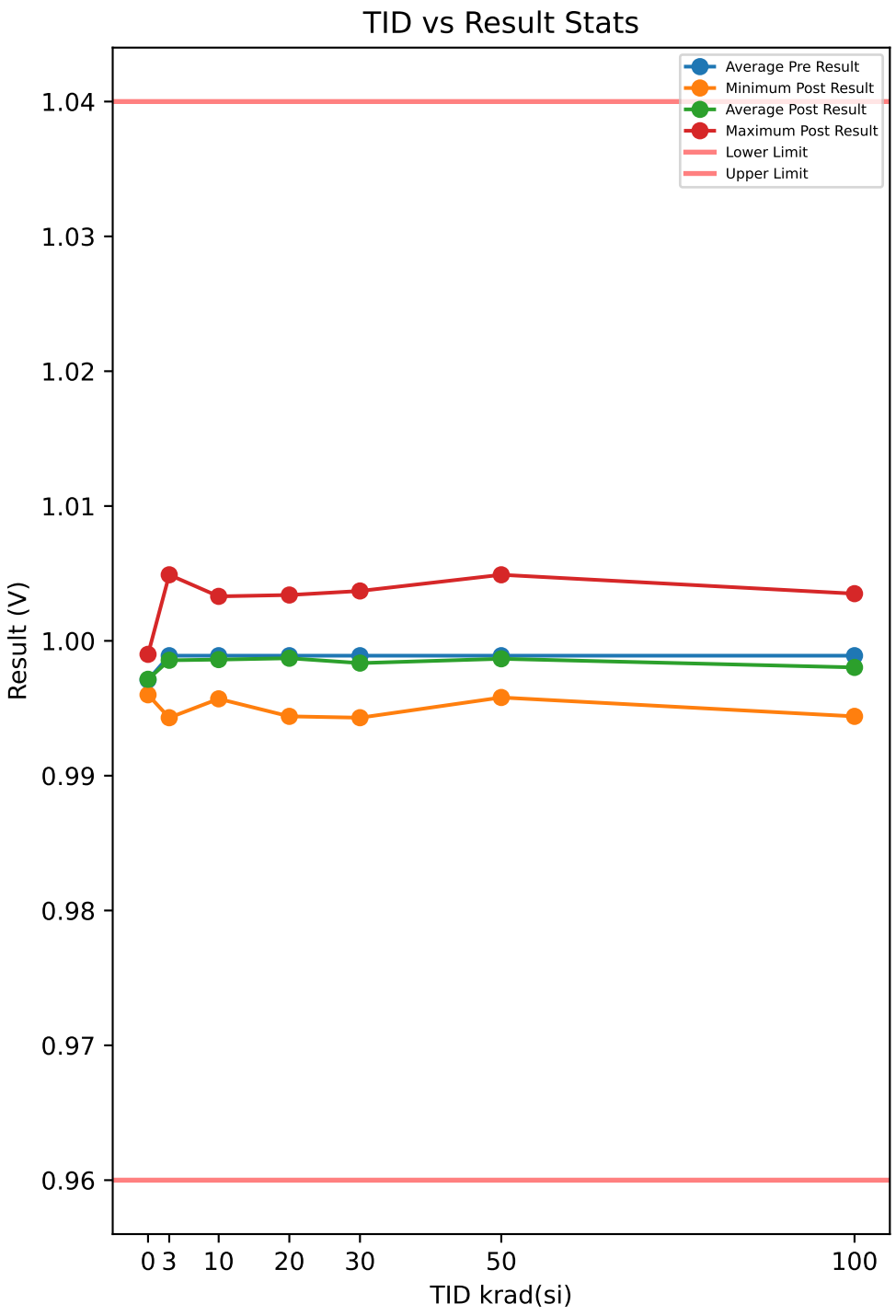
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9929	0.9927	-0.0002
2	3	LDR BIAS	1.0021	0.9989	-0.0032
3	3	LDR BIAS	1.0006	1.0021	0.0015
4	3	LDR BIAS	0.9943	0.9944	0.0001
5	3	LDR BIAS	0.9973	0.9962	-0.0011
6	3	LDR UNBIAS	0.9948	0.9928	-0.002
7	3	LDR UNBIAS	0.9961	0.9977	0.0016
8	3	LDR UNBIAS	1.0004	1.0004	0
9	3	LDR UNBIAS	0.9944	0.9944	0
10	3	LDR UNBIAS	0.9945	0.9944	-0.0001
11	0	CORRELATION	0.9962	0.9977	0.0015
12	0	CORRELATION	0.9943	0.9949	0.0006
13	0	CORRELATION	0.9928	0.9935	0.0007
14	0	CORRELATION	0.9943	0.9957	0.0014
21	10	LDR BIAS	0.9929	0.9931	0.0002
22	10	LDR BIAS	1.0021	1.0018	-0.0003
23	10	LDR BIAS	1.0006	1.0005	-0.0001
24	10	LDR BIAS	0.9943	0.9945	0.0002
25	10	LDR BIAS	0.9973	0.9975	0.0002
26	10	LDR UNBIAS	0.9948	0.9943	-0.0005
27	10	LDR UNBIAS	0.9961	0.9959	-0.0002
28	10	LDR UNBIAS	1.0004	1.0019	0.0015
29	10	LDR UNBIAS	0.9944	0.9941	-0.0003
30	10	LDR UNBIAS	0.9945	0.9944	-0.0001
31	20	LDR BIAS	0.9929	0.9915	-0.0014
32	20	LDR BIAS	1.0021	1.0018	-0.0003
33	20	LDR BIAS	1.0006	1.0006	0
34	20	LDR BIAS	0.9943	0.996	0.0017
35	20	LDR BIAS	0.9973	0.9961	-0.0012
36	20	LDR UNBIAS	0.9948	0.9944	-0.0004
37	20	LDR UNBIAS	0.9961	0.9972	0.0011
38	20	LDR UNBIAS	1.0004	1.0022	0.0018
39	20	LDR UNBIAS	0.9944	0.9945	0.0001
40	20	LDR UNBIAS	0.9945	0.9943	-0.0002
41	30	LDR BIAS	0.9929	0.9931	0.0002
42	30	LDR BIAS	1.0021	1.0018	-0.0003
43	30	LDR BIAS	1.0006	0.999	-0.0016
44	30	LDR BIAS	0.9943	0.9959	0.0016
45	30	LDR BIAS	0.9973	0.996	-0.0013
46	30	LDR UNBIAS	0.9948	0.9948	0
47	30	LDR UNBIAS	0.9961	0.9973	0.0012
48	30	LDR UNBIAS	1.0004	1.0003	-0.0001
49	30	LDR UNBIAS	0.9944	0.9947	0.0003
50	30	LDR UNBIAS	0.9945	0.9932	-0.0013
51	50	LDR BIAS	0.9929	0.9947	0.0018
52	50	LDR BIAS	1.0021	1.0035	0.0014
53	50	LDR BIAS	1.0006	0.999	-0.0016
54	50	LDR BIAS	0.9943	0.996	0.0017
55	50	LDR BIAS	0.9973	0.9947	-0.0026
56	50	LDR UNBIAS	0.9948	0.9945	-0.0003
57	50	LDR UNBIAS	0.9961	0.9959	-0.0002
58	50	LDR UNBIAS	1.0004	0.9989	-0.0015
59	50	LDR UNBIAS	0.9944	0.9928	-0.0016
60	50	LDR UNBIAS	0.9945	0.9959	0.0014
61	100	LDR BIAS	0.9929	0.9914	-0.0015
62	100	LDR BIAS	1.0021	1.0005	-0.0016
63	100	LDR BIAS	1.0006	0.996	-0.0046
64	100	LDR BIAS	0.9943	0.996	0.0017
65	100	LDR BIAS	0.9973	0.9944	-0.0029
66	100	LDR UNBIAS	0.9948	0.9959	0.0011
67	100	LDR UNBIAS	0.9961	0.9974	0.0013
68	100	LDR UNBIAS	1.0004	1.002	0.0016
69	100	LDR UNBIAS	0.9944	0.996	0.0016
70	100	LDR UNBIAS	0.9945	0.9944	-0.0001

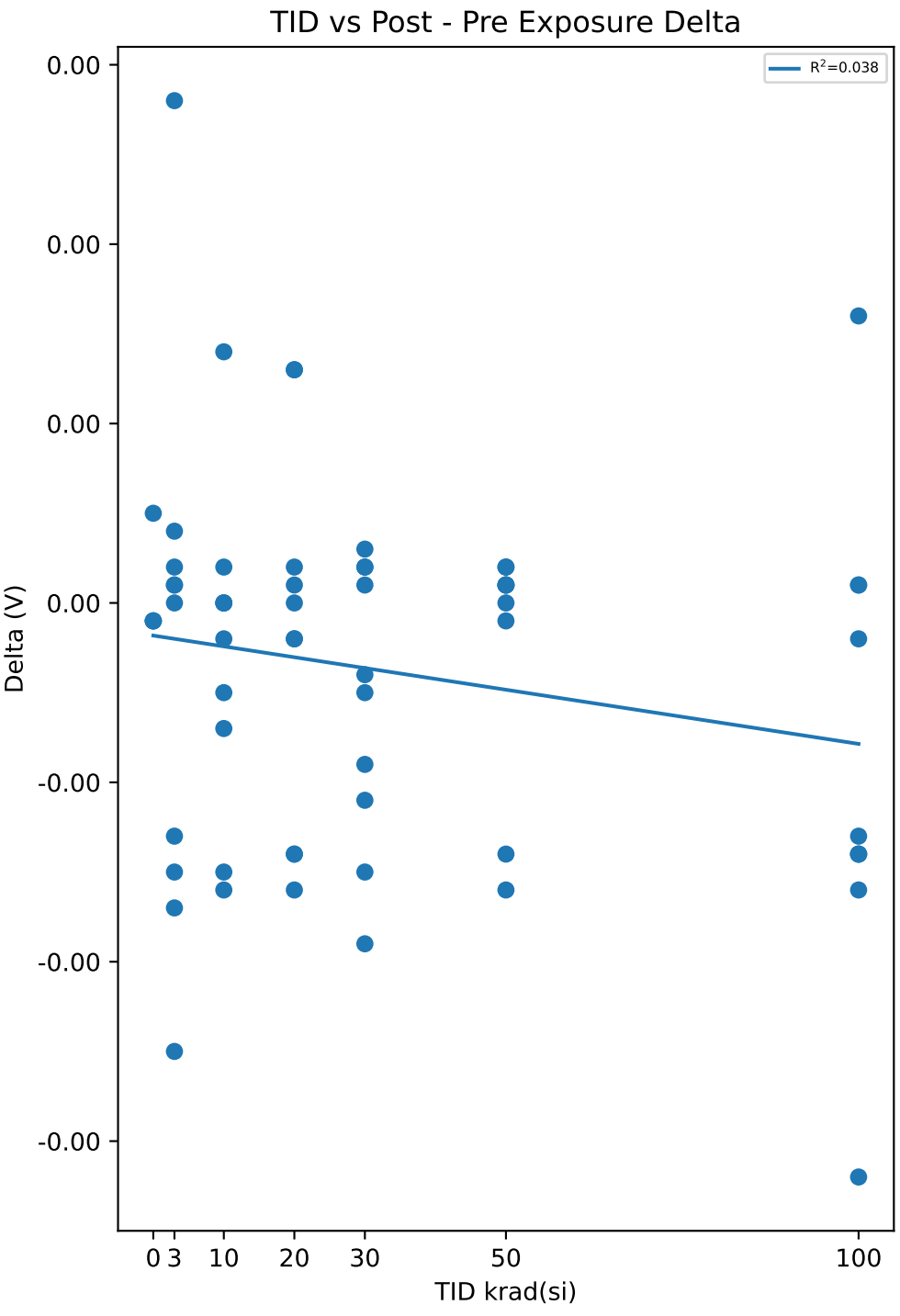


Test Statistics (V)

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	0.9928	0.9944	0.9962	0.0013928	0.9935	0.99545	0.9977	0.001754	0.0006	0.00105	0.0015	0.00046547
3	0.9929	0.99674	1.0021	0.0032094	0.9927	0.9964	1.0021	0.003251	-0.0032	-0.00034	0.0016	0.0014592
10	0.9929	0.99674	1.0021	0.0032094	0.9931	0.9968	1.0019	0.0034039	-0.0005	6e-05	0.0015	0.00056016
20	0.9929	0.99674	1.0021	0.0032094	0.9915	0.99686	1.0022	0.0035784	-0.0014	0.00012	0.0018	0.0011003
30	0.9929	0.99674	1.0021	0.0032094	0.9931	0.99661	1.0018	0.0029531	-0.0016	-0.00013	0.0016	0.0010541
50	0.9929	0.99674	1.0021	0.0032094	0.9928	0.99659	1.0035	0.0030924	-0.0026	-0.00015	0.0018	0.0016359
100	0.9929	0.99674	1.0021	0.0032094	0.9914	0.9964	1.002	0.003035	-0.0046	-0.00034	0.0017	0.0022147

Device Test: 28.13 VOLTAGE|OC/CS/4.5/4.5/0/0/4.5/500kHz//@V_CS_ILIM_OC





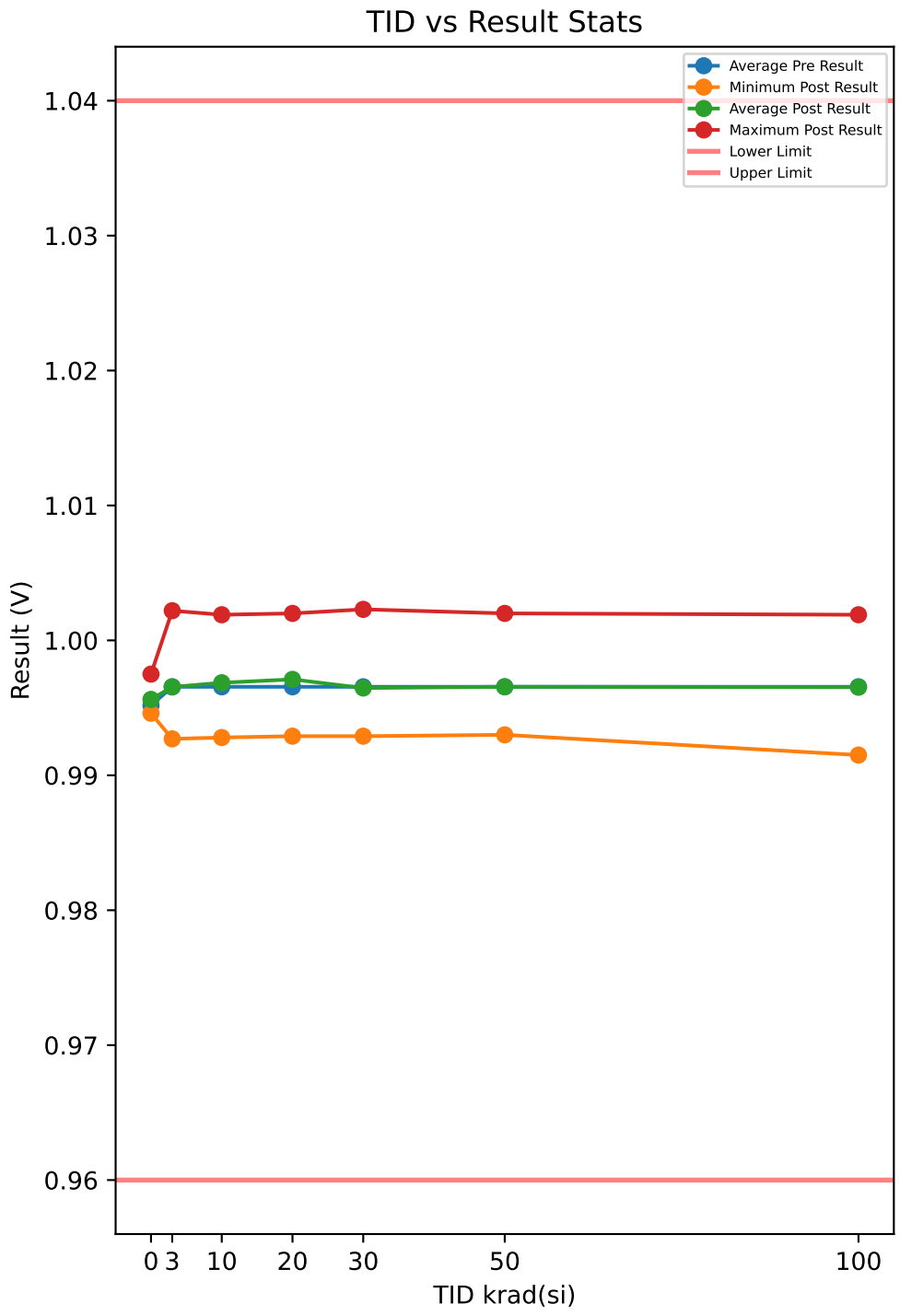
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

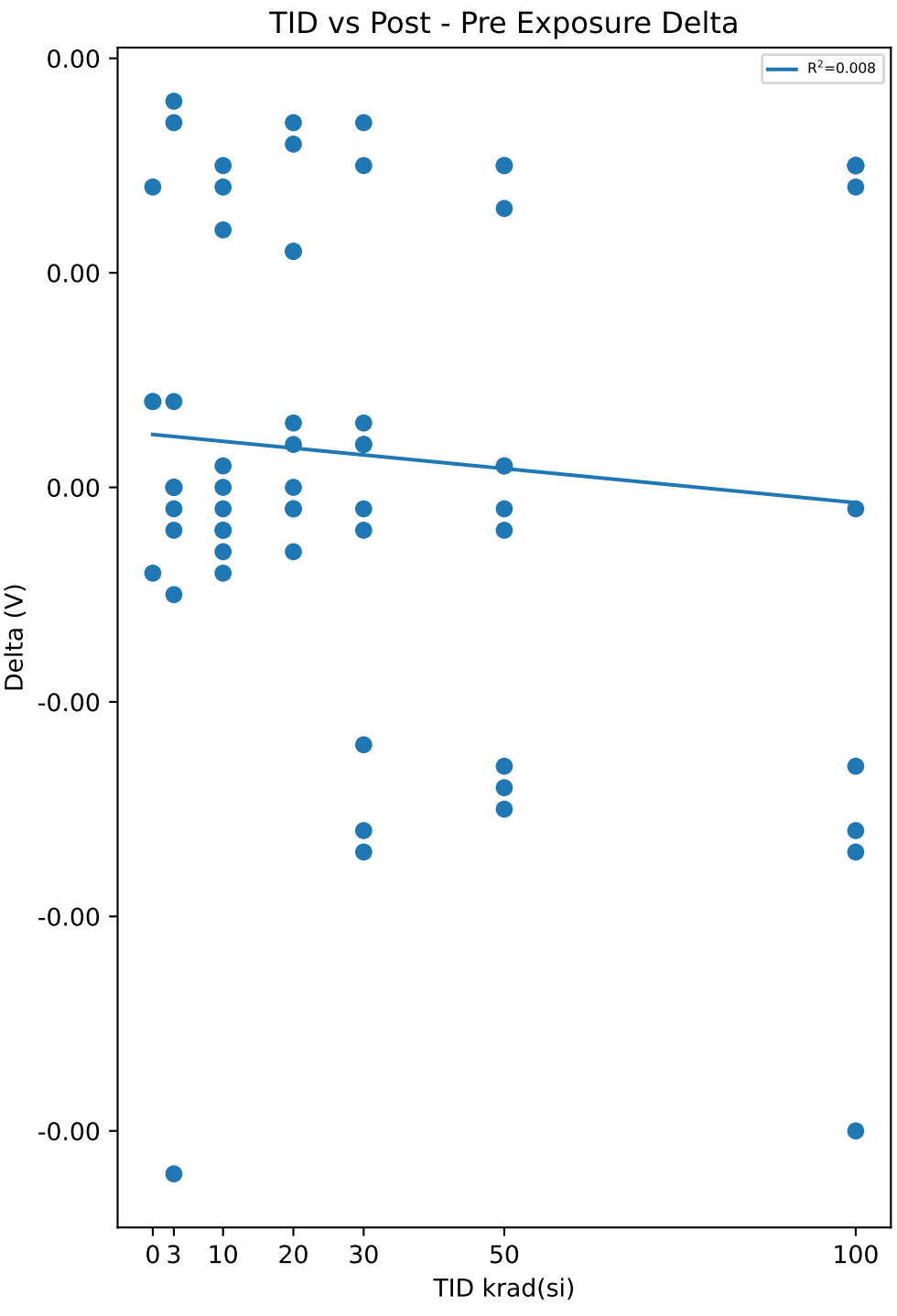
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9958	0.9959	0.0001
2	3	LDR BIAS	1.0048	1.0023	-0.0025
3	3	LDR BIAS	1.0021	1.0049	0.0028
4	3	LDR BIAS	0.9973	0.996	-0.0013
5	3	LDR BIAS	0.9991	0.9992	0.0001
6	3	LDR UNBIAS	0.9958	0.9943	-0.0015
7	3	LDR UNBIAS	0.9976	0.9959	-0.0017
8	3	LDR UNBIAS	1.0019	1.0019	0
9	3	LDR UNBIAS	0.9973	0.9977	0.0004
10	3	LDR UNBIAS	0.9973	0.9975	0.0002
11	0	CORRELATION	0.9991	0.999	-0.0001
12	0	CORRELATION	0.9958	0.9963	0.0005
13	0	CORRELATION	0.9961	0.996	-0.0001
14	0	CORRELATION	0.9974	0.9973	-0.0001
21	10	LDR BIAS	0.9958	0.996	0.0002
22	10	LDR BIAS	1.0048	1.0033	-0.0015
23	10	LDR BIAS	1.0021	1.0016	-0.0005
24	10	LDR BIAS	0.9973	0.9957	-0.0016
25	10	LDR BIAS	0.9991	0.9991	0
26	10	LDR UNBIAS	0.9958	0.9958	0
27	10	LDR UNBIAS	0.9976	0.9969	-0.0007
28	10	LDR UNBIAS	1.0019	1.0033	0.0014
29	10	LDR UNBIAS	0.9973	0.9971	-0.0002
30	10	LDR UNBIAS	0.9973	0.9973	0
31	20	LDR BIAS	0.9958	0.9959	0.0001
32	20	LDR BIAS	1.0048	1.0034	-0.0014
33	20	LDR BIAS	1.0021	1.0021	0
34	20	LDR BIAS	0.9973	0.9971	-0.0002
35	20	LDR BIAS	0.9991	0.9989	-0.0002
36	20	LDR UNBIAS	0.9958	0.9944	-0.0014
37	20	LDR UNBIAS	0.9976	0.9989	0.0013
38	20	LDR UNBIAS	1.0019	1.0032	0.0013
39	20	LDR UNBIAS	0.9973	0.9975	0.0002
40	20	LDR UNBIAS	0.9973	0.9957	-0.0016
41	30	LDR BIAS	0.9958	0.996	0.0002
42	30	LDR BIAS	1.0048	1.0037	-0.0011
43	30	LDR BIAS	1.0021	1.0002	-0.0019
44	30	LDR BIAS	0.9973	0.9976	0.0003
45	30	LDR BIAS	0.9991	0.9987	-0.0004
46	30	LDR UNBIAS	0.9958	0.9943	-0.0015
47	30	LDR UNBIAS	0.9976	0.9971	-0.0005
48	30	LDR UNBIAS	1.0019	1.0021	0.0002
49	30	LDR UNBIAS	0.9973	0.9974	0.0001
50	30	LDR UNBIAS	0.9973	0.9964	-0.0009
51	50	LDR BIAS	0.9958	0.9958	0
52	50	LDR BIAS	1.0048	1.0049	0.0001
53	50	LDR BIAS	1.0021	1.002	-0.0001
54	50	LDR BIAS	0.9973	0.9975	0.0002
55	50	LDR BIAS	0.9991	0.9975	-0.0016
56	50	LDR UNBIAS	0.9958	0.996	0.0002
57	50	LDR UNBIAS	0.9976	0.9977	0.0001
58	50	LDR UNBIAS	1.0019	1.0005	-0.0014
59	50	LDR UNBIAS	0.9973	0.9974	0.0001
60	50	LDR UNBIAS	0.9973	0.9974	0.0001
61	100	LDR BIAS	0.9958	0.9944	-0.0014
62	100	LDR BIAS	1.0048	1.0035	-0.0013
63	100	LDR BIAS	1.0021	0.9989	-0.0032
64	100	LDR BIAS	0.9973	0.9959	-0.0014
65	100	LDR BIAS	0.9991	0.9975	-0.0016
66	100	LDR UNBIAS	0.9958	0.9959	0.0001
67	100	LDR UNBIAS	0.9976	0.9974	-0.0002
68	100	LDR UNBIAS	1.0019	1.002	0.0001
69	100	LDR UNBIAS	0.9973	0.9989	0.0016
70	100	LDR UNBIAS	0.9973	0.9959	-0.0014

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	0.9958	0.9971	0.9991	0.0015033	0.996	0.99715	0.999	0.0013528	-0.0001	5e-05	0.0005	0.0003
3	0.9958	0.9989	1.0048	0.003031	0.9943	0.99856	1.0049	0.0034394	-0.0025	-0.00034	0.0028	0.0014901
10	0.9958	0.9989	1.0048	0.003031	0.9957	0.99861	1.0033	0.0030417	-0.0016	-0.00029	0.0014	0.00086596
20	0.9958	0.9989	1.0048	0.003031	0.9944	0.99871	1.0034	0.0032199	-0.0016	-0.00019	0.0013	0.0010344
30	0.9958	0.9989	1.0048	0.003031	0.9943	0.99835	1.0037	0.0028865	-0.0019	-0.00055	0.0003	0.00077782
50	0.9958	0.9989	1.0048	0.003031	0.9958	0.99867	1.0049	0.0028968	-0.0016	-0.00023	0.0002	0.00067667
100	0.9958	0.9989	1.0048	0.003031	0.9944	0.99803	1.0035	0.0028802	-0.0032	-0.00087	0.0016	0.001309

Device Test: 28.14 VOLTAGE|OC/CS/5/5/0/0/5/500kHz//@V_CS_ILIM_OC





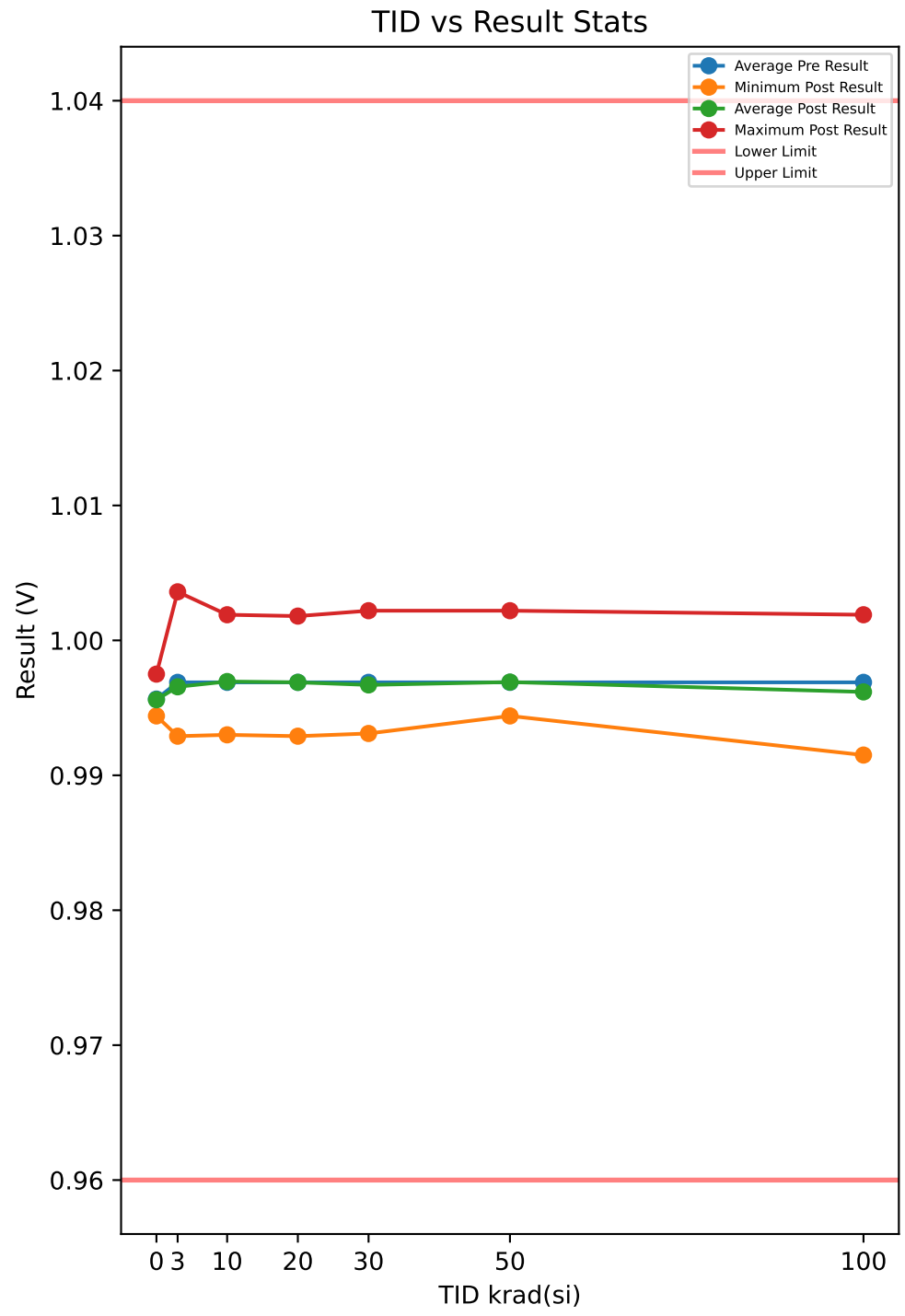
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9932	0.9927	-0.0005
2	3	LDR BIAS	1.0021	0.9989	-0.0032
3	3	LDR BIAS	1.0004	1.0022	0.0018
4	3	LDR BIAS	0.9944	0.9944	0
5	3	LDR BIAS	0.9957	0.9974	0.0017
6	3	LDR UNBIAS	0.9944	0.9948	0.0004
7	3	LDR UNBIAS	0.9961	0.9961	0
8	3	LDR UNBIAS	1.0004	1.0004	0
9	3	LDR UNBIAS	0.9944	0.9943	-0.0001
10	3	LDR UNBIAS	0.9945	0.9943	-0.0002
11	0	CORRELATION	0.9961	0.9975	0.0014
12	0	CORRELATION	0.9944	0.9948	0.0004
13	0	CORRELATION	0.9942	0.9946	0.0004
14	0	CORRELATION	0.996	0.9956	-0.0004
21	10	LDR BIAS	0.9932	0.9928	-0.0004
22	10	LDR BIAS	1.0021	1.0019	-0.0002
23	10	LDR BIAS	1.0004	1.0004	0
24	10	LDR BIAS	0.9944	0.9945	0.0001
25	10	LDR BIAS	0.9957	0.9971	0.0014
26	10	LDR UNBIAS	0.9944	0.9942	-0.0002
27	10	LDR UNBIAS	0.9961	0.9973	0.0012
28	10	LDR UNBIAS	1.0004	1.0019	0.0015
29	10	LDR UNBIAS	0.9944	0.9941	-0.0003
30	10	LDR UNBIAS	0.9945	0.9944	-0.0001
31	20	LDR BIAS	0.9932	0.9929	-0.0003
32	20	LDR BIAS	1.0021	1.002	-0.0001
33	20	LDR BIAS	1.0004	1.0007	0.0003
34	20	LDR BIAS	0.9944	0.9955	0.0011
35	20	LDR BIAS	0.9957	0.9974	0.0017
36	20	LDR UNBIAS	0.9944	0.9946	0.0002
37	20	LDR UNBIAS	0.9961	0.9972	0.0011
38	20	LDR UNBIAS	1.0004	1.002	0.0016
39	20	LDR UNBIAS	0.9944	0.9944	0
40	20	LDR UNBIAS	0.9945	0.9944	-0.0001
41	30	LDR BIAS	0.9932	0.9931	-0.0001
42	30	LDR BIAS	1.0021	1.0023	0.0002
43	30	LDR BIAS	1.0004	0.9987	-0.0017
44	30	LDR BIAS	0.9944	0.9959	0.0015
45	30	LDR BIAS	0.9957	0.996	0.0003
46	30	LDR UNBIAS	0.9944	0.9932	-0.0012
47	30	LDR UNBIAS	0.9961	0.9978	0.0017
48	30	LDR UNBIAS	1.0004	1.0002	-0.0002
49	30	LDR UNBIAS	0.9944	0.9946	0.0002
50	30	LDR UNBIAS	0.9945	0.9929	-0.0016
51	50	LDR BIAS	0.9932	0.9945	0.0013
52	50	LDR BIAS	1.0021	1.002	-0.0001
53	50	LDR BIAS	1.0004	1.0005	0.0001
54	50	LDR BIAS	0.9944	0.9959	0.0015
55	50	LDR BIAS	0.9957	0.9944	-0.0013
56	50	LDR UNBIAS	0.9944	0.9945	0.0001
57	50	LDR UNBIAS	0.9961	0.9959	-0.0002
58	50	LDR UNBIAS	1.0004	0.9989	-0.0015
59	50	LDR UNBIAS	0.9944	0.993	-0.0014
60	50	LDR UNBIAS	0.9945	0.996	0.0015
61	100	LDR BIAS	0.9932	0.9915	-0.0017
62	100	LDR BIAS	1.0021	1.0005	-0.0016
63	100	LDR BIAS	1.0004	0.9974	-0.003
64	100	LDR BIAS	0.9944	0.9959	0.0015
65	100	LDR BIAS	0.9957	0.9944	-0.0013
66	100	LDR UNBIAS	0.9944	0.9959	0.0015
67	100	LDR UNBIAS	0.9961	0.996	-0.0001
68	100	LDR UNBIAS	1.0004	1.0019	0.0015
69	100	LDR UNBIAS	0.9944	0.9959	0.0015
70	100	LDR UNBIAS	0.9945	0.9959	0.0014

Test Statistics (V)

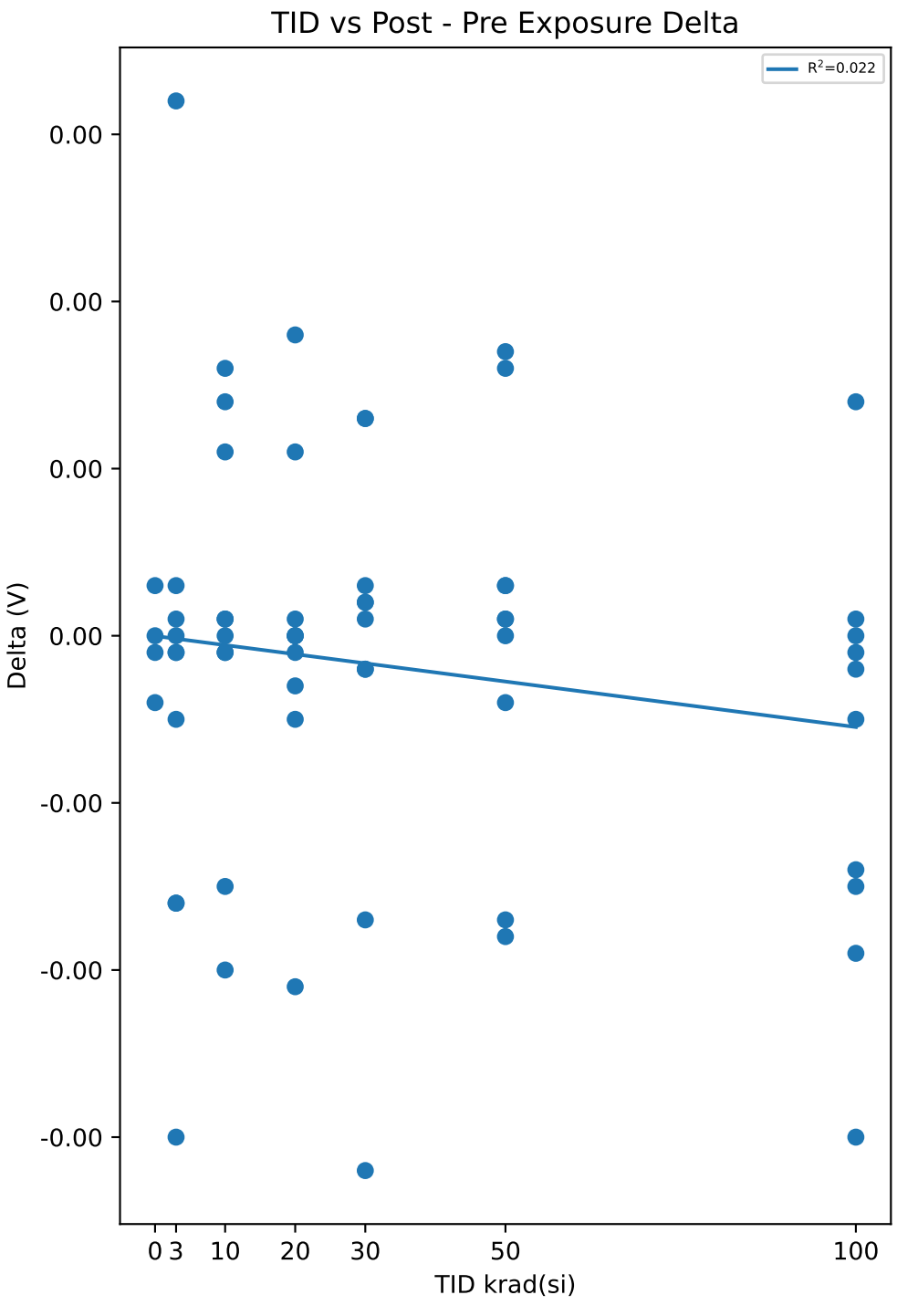
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9942	0.99517	0.9961	0.0010145	0.9946	0.99562	0.9975	0.0013226	-0.0004	0.00045	0.0014	0.00073711
3	0.9932	0.99656	1.0021	0.0031739	0.9927	0.99655	1.0022	0.0030881	-0.0032	-1e-05	0.0018	0.0013674
10	0.9932	0.99656	1.0021	0.0031739	0.9928	0.99686	1.0019	0.0034381	-0.0004	0.0003	0.0015	0.00075277
20	0.9932	0.99656	1.0021	0.0031739	0.9929	0.99711	1.002	0.0033683	-0.0003	0.00055	0.0017	0.00075166
30	0.9932	0.99656	1.0021	0.0031739	0.9929	0.99647	1.0023	0.0032229	-0.0017	-9e-05	0.0017	0.0011628
50	0.9932	0.99656	1.0021	0.0031739	0.993	0.99656	1.002	0.0029364	-0.0015	2.2204e-17	0.0015	0.0011624
100	0.9932	0.99656	1.0021	0.0031739	0.9915	0.99653	1.0019	0.0029261	-0.003	-3e-05	0.0015	0.0017353

Device Test: 28.15 VOLTAGE|OC/CS/12/12/0/0/5/500kHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

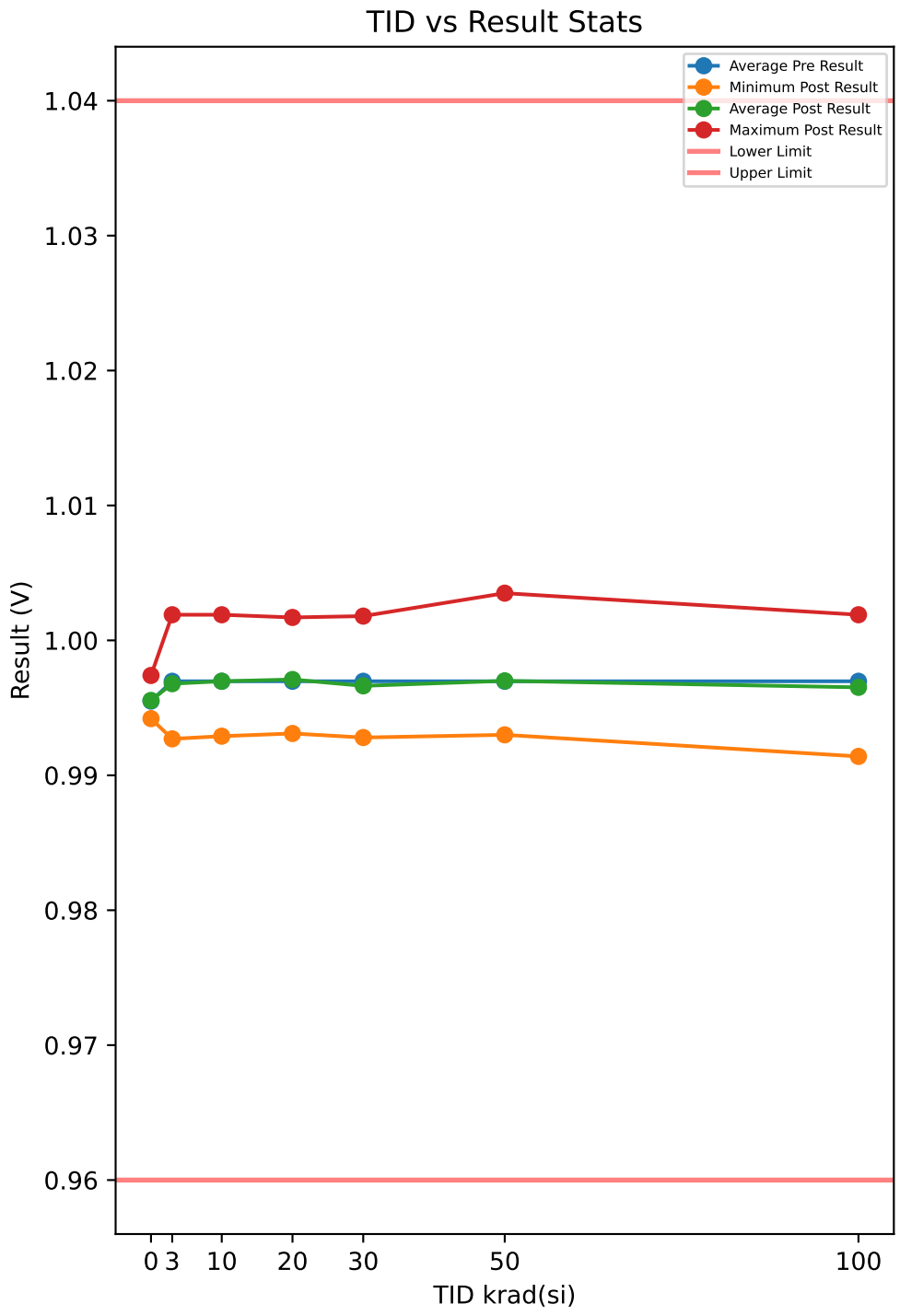
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9929	0.9929	0
2	3	LDR BIAS	1.0019	0.9989	-0.003
3	3	LDR BIAS	1.0004	1.0036	0.0032
4	3	LDR BIAS	0.996	0.9944	-0.0016
5	3	LDR BIAS	0.9962	0.9957	-0.0005
6	3	LDR UNBIAS	0.9944	0.9943	-0.0001
7	3	LDR UNBIAS	0.9958	0.9959	0.0001
8	3	LDR UNBIAS	1.0005	1.0004	-0.0001
9	3	LDR UNBIAS	0.9944	0.9947	0.0003
10	3	LDR UNBIAS	0.9964	0.9948	-0.0016
11	0	CORRELATION	0.9976	0.9975	-0.0001
12	0	CORRELATION	0.9944	0.9944	0
13	0	CORRELATION	0.9944	0.9947	0.0003
14	0	CORRELATION	0.9962	0.9958	-0.0004
21	10	LDR BIAS	0.9929	0.993	0.0001
22	10	LDR BIAS	1.0019	1.0019	0
23	10	LDR BIAS	1.0004	1.0005	0.0001
24	10	LDR BIAS	0.996	0.9945	-0.0015
25	10	LDR BIAS	0.9962	0.9973	0.0011
26	10	LDR UNBIAS	0.9944	0.9943	-0.0001
27	10	LDR UNBIAS	0.9958	0.9974	0.0016
28	10	LDR UNBIAS	1.0005	1.0019	0.0014
29	10	LDR UNBIAS	0.9944	0.9943	-0.0001
30	10	LDR UNBIAS	0.9964	0.9944	-0.002
31	20	LDR BIAS	0.9929	0.9929	0
32	20	LDR BIAS	1.0019	1.0018	-0.0001
33	20	LDR BIAS	1.0004	1.0001	-0.0003
34	20	LDR BIAS	0.996	0.9961	0.0001
35	20	LDR BIAS	0.9962	0.9957	-0.0005
36	20	LDR UNBIAS	0.9944	0.9944	0
37	20	LDR UNBIAS	0.9958	0.9976	0.0018
38	20	LDR UNBIAS	1.0005	1.0016	0.0011
39	20	LDR UNBIAS	0.9944	0.9944	0
40	20	LDR UNBIAS	0.9964	0.9943	-0.0021
41	30	LDR BIAS	0.9929	0.9931	0.0002
42	30	LDR BIAS	1.0019	1.0022	0.0003
43	30	LDR BIAS	1.0004	0.9987	-0.0017
44	30	LDR BIAS	0.996	0.9958	-0.0002
45	30	LDR BIAS	0.9962	0.9975	0.0013
46	30	LDR UNBIAS	0.9944	0.9942	-0.0002
47	30	LDR UNBIAS	0.9958	0.9971	0.0013
48	30	LDR UNBIAS	1.0005	1.0007	0.0002
49	30	LDR UNBIAS	0.9944	0.9945	0.0001
50	30	LDR UNBIAS	0.9964	0.9932	-0.0032
51	50	LDR BIAS	0.9929	0.9945	0.0016
52	50	LDR BIAS	1.0019	1.0022	0.0003
53	50	LDR BIAS	1.0004	1.0005	0.0001
54	50	LDR BIAS	0.996	0.996	0
55	50	LDR BIAS	0.9962	0.9944	-0.0018
56	50	LDR UNBIAS	0.9944	0.9945	0.0001
57	50	LDR UNBIAS	0.9958	0.9975	0.0017
58	50	LDR UNBIAS	1.0005	0.9988	-0.0017
59	50	LDR UNBIAS	0.9944	0.9947	0.0003
60	50	LDR UNBIAS	0.9964	0.996	-0.0004
61	100	LDR BIAS	0.9929	0.9915	-0.0014
62	100	LDR BIAS	1.0019	1.0004	-0.0015
63	100	LDR BIAS	1.0004	0.9974	-0.003
64	100	LDR BIAS	0.996	0.9959	-0.0001
65	100	LDR BIAS	0.9962	0.9943	-0.0019
66	100	LDR UNBIAS	0.9944	0.9944	0
67	100	LDR UNBIAS	0.9958	0.9956	-0.0002
68	100	LDR UNBIAS	1.0005	1.0019	0.0014
69	100	LDR UNBIAS	0.9944	0.9945	0.0001
70	100	LDR UNBIAS	0.9964	0.9959	-0.0005

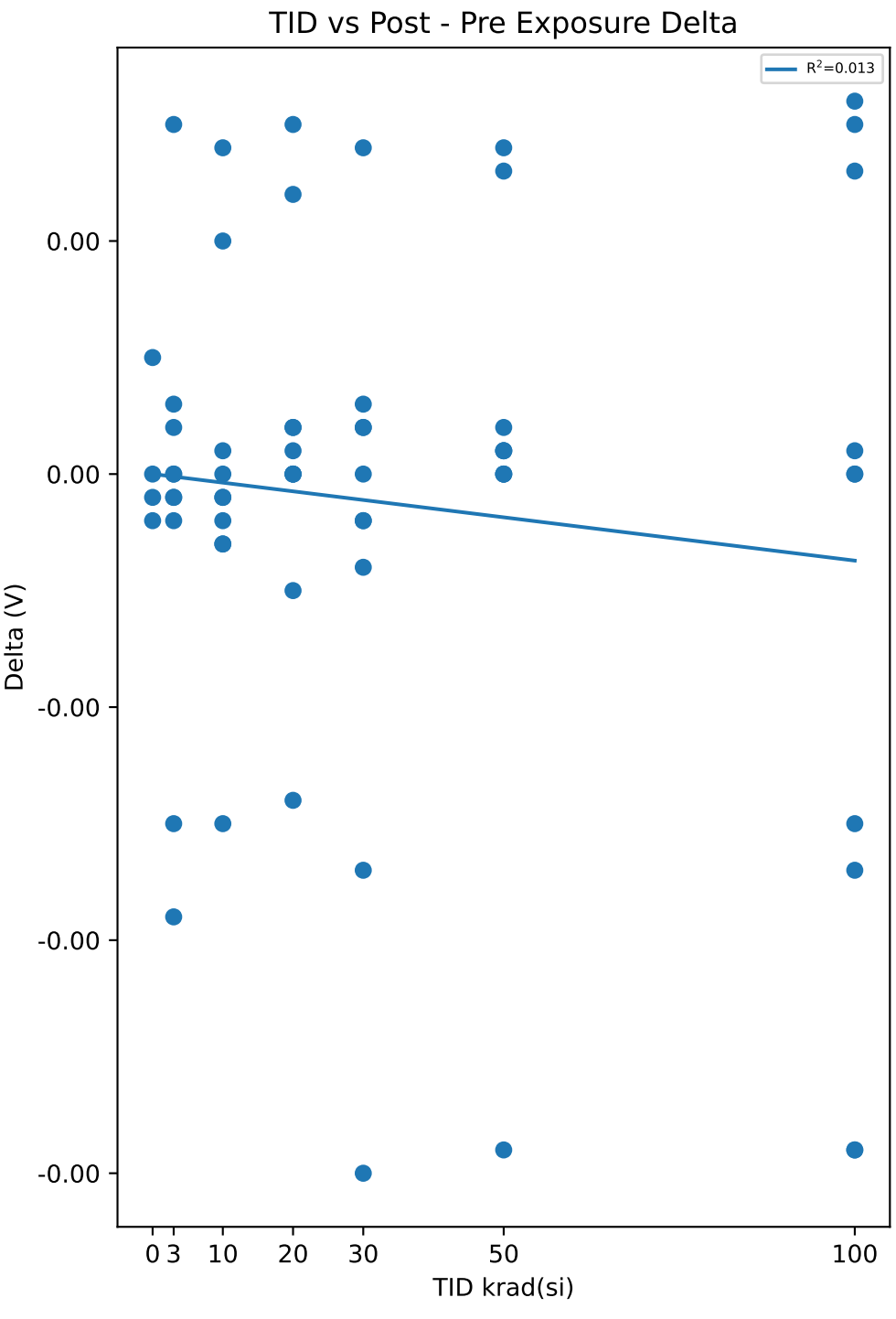


Test Statistics (V)

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	0.9944	0.99565	0.9976	0.0015524	0.9944	0.9956	0.9975	0.0014024	-0.0004	-5e-05	0.0003	0.00028868
3	0.9929	0.99689	1.0019	0.0030087	0.9929	0.99656	1.0036	0.0033447	-0.003	-0.00033	0.0032	0.0016207
10	0.9929	0.99689	1.0019	0.0030087	0.993	0.99695	1.0019	0.0034007	-0.002	6e-05	0.0016	0.0011539
20	0.9929	0.99689	1.0019	0.0030087	0.9929	0.99689	1.0018	0.0032347	-0.0021	2.2204e-17	0.0018	0.0010121
30	0.9929	0.99689	1.0019	0.0030087	0.9931	0.9967	1.0022	0.0031298	-0.0032	-0.00019	0.0013	0.0013503
50	0.9929	0.99689	1.0019	0.0030087	0.9944	0.99691	1.0022	0.0027739	-0.0018	2e-05	0.0017	0.0011516
100	0.9929	0.99689	1.0019	0.0030087	0.9915	0.99618	1.0019	0.0030539	-0.003	-0.00071	0.0014	0.0012494

Device Test: 28.16 VOLTAGE|OC/CS/14/14/0/0/5/500kHz//@V_CS_ILIM_OC





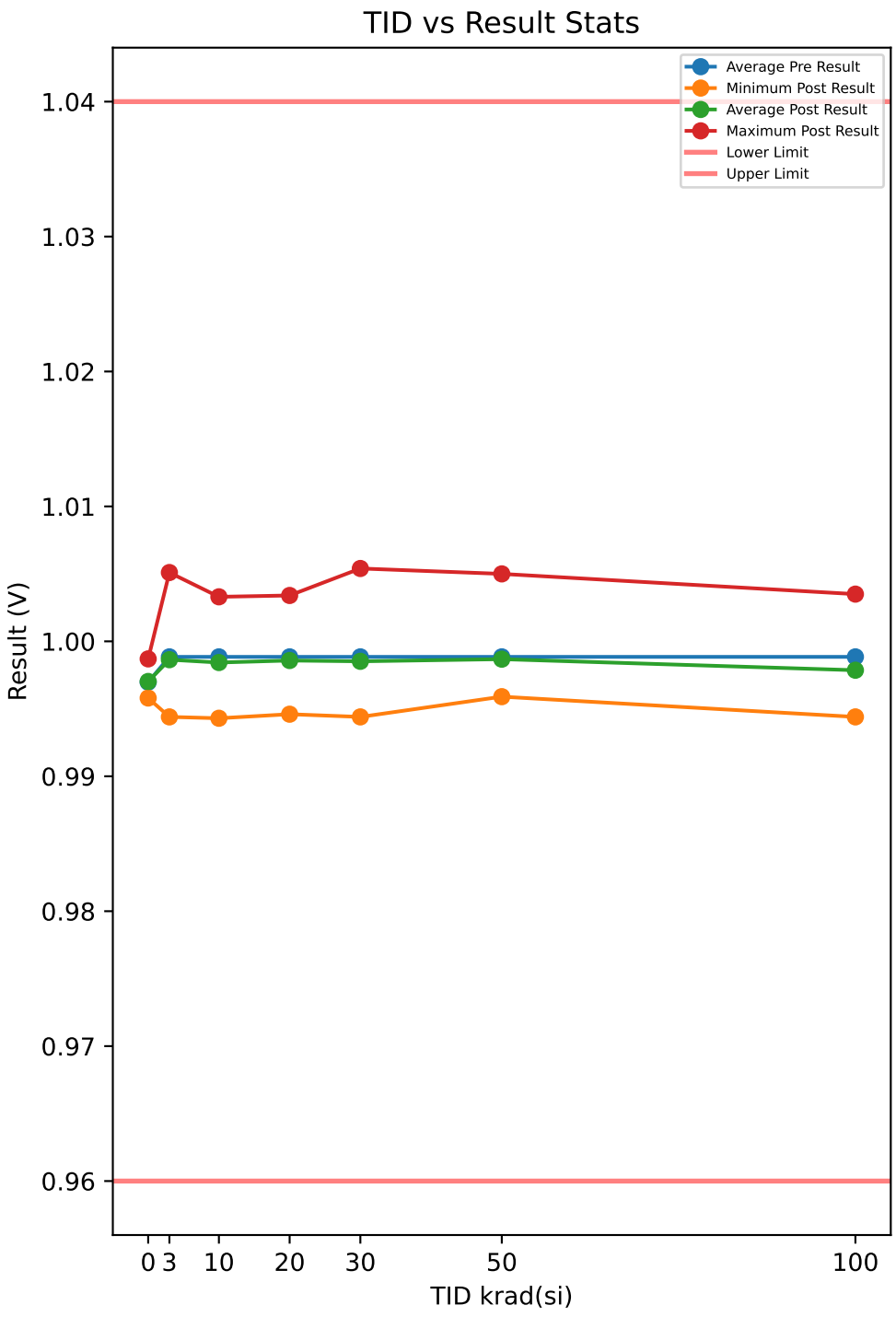
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9929	0.9927	-0.0002
2	3	LDR BIAS	1.0022	1.0003	-0.0019
3	3	LDR BIAS	1.0004	1.0019	0.0015
4	3	LDR BIAS	0.9959	0.9959	0
5	3	LDR BIAS	0.9973	0.9976	0.0003
6	3	LDR UNBIAS	0.9945	0.9944	-0.0001
7	3	LDR UNBIAS	0.9959	0.9961	0.0002
8	3	LDR UNBIAS	1.0004	1.0004	0
9	3	LDR UNBIAS	0.9944	0.9943	-0.0001
10	3	LDR UNBIAS	0.9958	0.9943	-0.0015
11	0	CORRELATION	0.9974	0.9974	0
12	0	CORRELATION	0.9944	0.9942	-0.0002
13	0	CORRELATION	0.9942	0.9947	0.0005
14	0	CORRELATION	0.996	0.9959	-0.0001
21	10	LDR BIAS	0.9929	0.9929	0
22	10	LDR BIAS	1.0022	1.0019	-0.0003
23	10	LDR BIAS	1.0004	1.0003	-0.0001
24	10	LDR BIAS	0.9959	0.9958	-0.0001
25	10	LDR BIAS	0.9973	0.997	-0.0003
26	10	LDR UNBIAS	0.9945	0.9943	-0.0002
27	10	LDR UNBIAS	0.9959	0.9969	0.001
28	10	LDR UNBIAS	1.0004	1.0018	0.0014
29	10	LDR UNBIAS	0.9944	0.9945	0.0001
30	10	LDR UNBIAS	0.9958	0.9943	-0.0015
31	20	LDR BIAS	0.9929	0.9931	0.0002
32	20	LDR BIAS	1.0022	1.0017	-0.0005
33	20	LDR BIAS	1.0004	1.0004	0
34	20	LDR BIAS	0.9959	0.9959	0
35	20	LDR BIAS	0.9973	0.9974	0.0001
36	20	LDR UNBIAS	0.9945	0.9947	0.0002
37	20	LDR UNBIAS	0.9959	0.9974	0.0015
38	20	LDR UNBIAS	1.0004	1.0016	0.0012
39	20	LDR UNBIAS	0.9944	0.9944	0
40	20	LDR UNBIAS	0.9958	0.9944	-0.0014
41	30	LDR BIAS	0.9929	0.9931	0.0002
42	30	LDR BIAS	1.0022	1.0018	-0.0004
43	30	LDR BIAS	1.0004	0.9987	-0.0017
44	30	LDR BIAS	0.9959	0.9959	0
45	30	LDR BIAS	0.9973	0.9976	0.0003
46	30	LDR UNBIAS	0.9945	0.9943	-0.0002
47	30	LDR UNBIAS	0.9959	0.9973	0.0014
48	30	LDR UNBIAS	1.0004	1.0002	-0.0002
49	30	LDR UNBIAS	0.9944	0.9946	0.0002
50	30	LDR UNBIAS	0.9958	0.9928	-0.003
51	50	LDR BIAS	0.9929	0.993	0.0001
52	50	LDR BIAS	1.0022	1.0035	0.0013
53	50	LDR BIAS	1.0004	1.0004	0
54	50	LDR BIAS	0.9959	0.996	0.0001
55	50	LDR BIAS	0.9973	0.9944	-0.0029
56	50	LDR UNBIAS	0.9945	0.9947	0.0002
57	50	LDR UNBIAS	0.9959	0.9973	0.0014
58	50	LDR UNBIAS	1.0004	1.0004	0
59	50	LDR UNBIAS	0.9944	0.9944	0
60	50	LDR UNBIAS	0.9958	0.9959	0.0001
61	100	LDR BIAS	0.9929	0.9914	-0.0015
62	100	LDR BIAS	1.0022	1.0005	-0.0017
63	100	LDR BIAS	1.0004	0.9975	-0.0029
64	100	LDR BIAS	0.9959	0.9959	0
65	100	LDR BIAS	0.9973	0.9944	-0.0029
66	100	LDR UNBIAS	0.9945	0.9958	0.0013
67	100	LDR UNBIAS	0.9959	0.9959	0
68	100	LDR UNBIAS	1.0004	1.0019	0.0015
69	100	LDR UNBIAS	0.9944	0.996	0.0016
70	100	LDR UNBIAS	0.9958	0.9959	0.0001

Test Statistics (V)

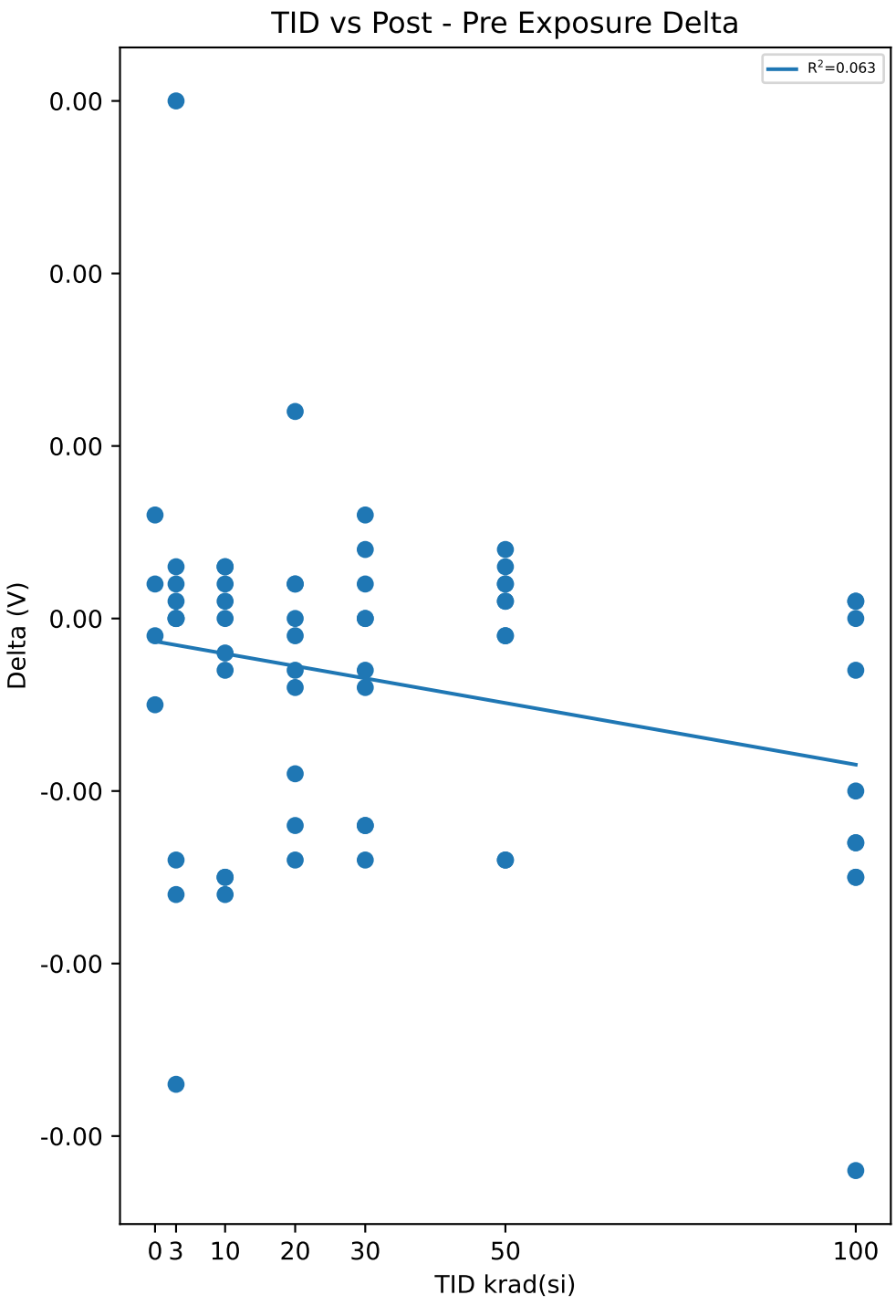
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9942	0.9955	0.9974	0.0015011	0.9942	0.99555	0.9974	0.0014248	-0.0002	5e-05	0.0005	0.00031091
3	0.9929	0.99697	1.0022	0.0030536	0.9927	0.99679	1.0019	0.003131	-0.0019	-0.00018	0.0015	0.00094139
10	0.9929	0.99697	1.0022	0.0030536	0.9929	0.99697	1.0019	0.0032833	-0.0015	1.1102e-17	0.0014	0.00077889
20	0.9929	0.99697	1.0022	0.0030536	0.9931	0.9971	1.0017	0.0031668	-0.0014	0.00013	0.0015	0.00080422
30	0.9929	0.99697	1.0022	0.0030536	0.9928	0.99663	1.0018	0.0030251	-0.003	-0.00034	0.0014	0.0012066
50	0.9929	0.99697	1.0022	0.0030536	0.993	0.997	1.0035	0.0033744	-0.0029	3e-05	0.0014	0.0011605
100	0.9929	0.99697	1.0022	0.0030536	0.9914	0.99652	1.0019	0.0029514	-0.0029	-0.00045	0.0016	0.0017142

Device Test: 28.17 VOLTAGE|OC/CS/4.5/4.5/0/0/4.5/1MHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

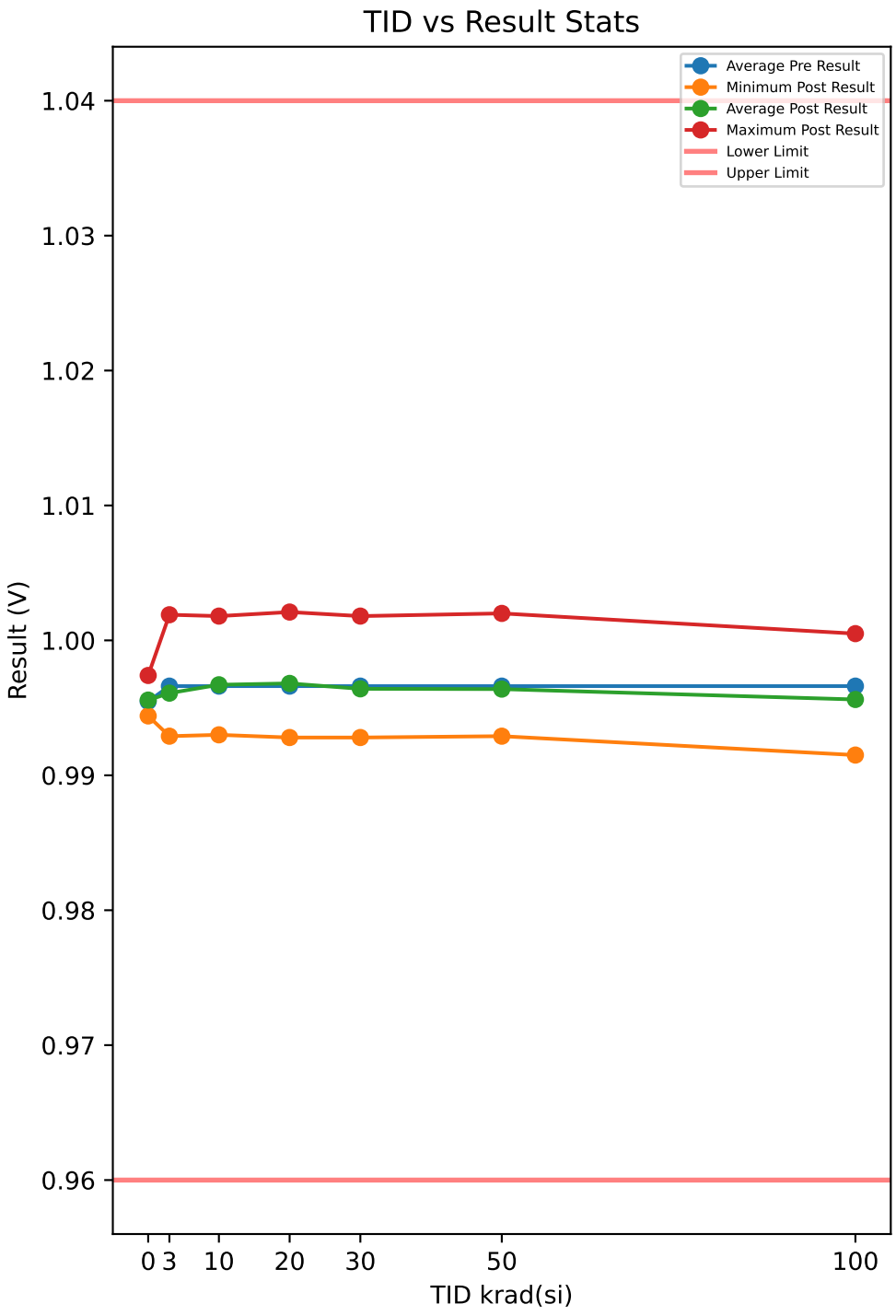
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9957	0.9958	0.0001
2	3	LDR BIAS	1.0048	1.0021	-0.0027
3	3	LDR BIAS	1.0021	1.0051	0.003
4	3	LDR BIAS	0.9974	0.9958	-0.0016
5	3	LDR BIAS	0.9989	0.9991	0.0002
6	3	LDR UNBIAS	0.9958	0.9944	-0.0014
7	3	LDR UNBIAS	0.9976	0.9976	0
8	3	LDR UNBIAS	1.0019	1.0019	0
9	3	LDR UNBIAS	0.9973	0.9973	0
10	3	LDR UNBIAS	0.997	0.9973	0.0003
11	0	CORRELATION	0.9992	0.9987	-0.0005
12	0	CORRELATION	0.9959	0.9958	-0.0001
13	0	CORRELATION	0.9956	0.9962	0.0006
14	0	CORRELATION	0.9972	0.9974	0.0002
21	10	LDR BIAS	0.9957	0.9958	0.0001
22	10	LDR BIAS	1.0048	1.0033	-0.0015
23	10	LDR BIAS	1.0021	1.0018	-0.0003
24	10	LDR BIAS	0.9974	0.9958	-0.0016
25	10	LDR BIAS	0.9989	0.9991	0.0002
26	10	LDR UNBIAS	0.9958	0.9943	-0.0015
27	10	LDR UNBIAS	0.9976	0.9974	-0.0002
28	10	LDR UNBIAS	1.0019	1.0019	0
29	10	LDR UNBIAS	0.9973	0.9976	0.0003
30	10	LDR UNBIAS	0.997	0.9973	0.0003
31	20	LDR BIAS	0.9957	0.9959	0.0002
32	20	LDR BIAS	1.0048	1.0034	-0.0014
33	20	LDR BIAS	1.0021	1.0018	-0.0003
34	20	LDR BIAS	0.9974	0.997	-0.0004
35	20	LDR BIAS	0.9989	0.9991	0.0002
36	20	LDR UNBIAS	0.9958	0.9946	-0.0012
37	20	LDR UNBIAS	0.9976	0.9988	0.0012
38	20	LDR UNBIAS	1.0019	1.0019	0
39	20	LDR UNBIAS	0.9973	0.9972	-0.0001
40	20	LDR UNBIAS	0.997	0.9961	-0.0009
41	30	LDR BIAS	0.9957	0.9961	0.0004
42	30	LDR BIAS	1.0048	1.0054	0.0006
43	30	LDR BIAS	1.0021	1.0017	-0.0004
44	30	LDR BIAS	0.9974	0.9976	0.0002
45	30	LDR BIAS	0.9989	0.9989	0
46	30	LDR UNBIAS	0.9958	0.9944	-0.0014
47	30	LDR UNBIAS	0.9976	0.9973	-0.0003
48	30	LDR UNBIAS	1.0019	1.0019	0
49	30	LDR UNBIAS	0.9973	0.9961	-0.0012
50	30	LDR UNBIAS	0.997	0.9958	-0.0012
51	50	LDR BIAS	0.9957	0.9959	0.0002
52	50	LDR BIAS	1.0048	1.005	0.0002
53	50	LDR BIAS	1.0021	1.002	-0.0001
54	50	LDR BIAS	0.9974	0.9975	0.0001
55	50	LDR BIAS	0.9989	0.9975	-0.0014
56	50	LDR UNBIAS	0.9958	0.9959	0.0001
57	50	LDR UNBIAS	0.9976	0.9975	-0.0001
58	50	LDR UNBIAS	1.0019	1.0022	0.0003
59	50	LDR UNBIAS	0.9973	0.9959	-0.0014
60	50	LDR UNBIAS	0.997	0.9974	0.0004
61	100	LDR BIAS	0.9957	0.9944	-0.0013
62	100	LDR BIAS	1.0048	1.0035	-0.0013
63	100	LDR BIAS	1.0021	0.9989	-0.0032
64	100	LDR BIAS	0.9974	0.9959	-0.0015
65	100	LDR BIAS	0.9989	0.9974	-0.0015
66	100	LDR UNBIAS	0.9958	0.9959	0.0001
67	100	LDR UNBIAS	0.9976	0.9973	-0.0003
68	100	LDR UNBIAS	1.0019	1.0019	0
69	100	LDR UNBIAS	0.9973	0.9974	0.0001
70	100	LDR UNBIAS	0.997	0.996	-0.001

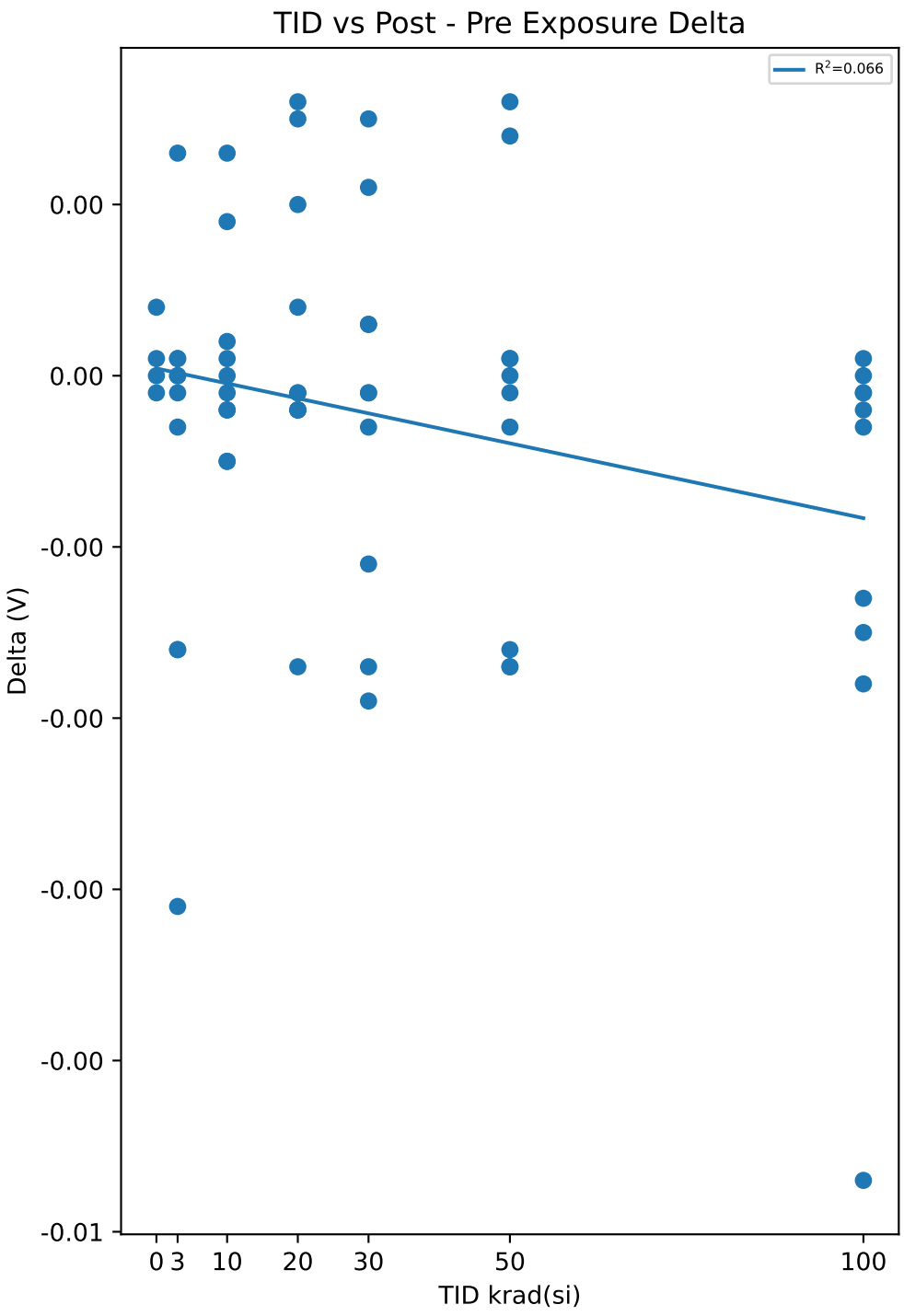


Test Statistics (V)

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	0.9956	0.99697	0.9992	0.0016378	0.9958	0.99703	0.9987	0.0013074	-0.0005	5e-05	0.0006	0.00046547
3	0.9957	0.99885	1.0048	0.0030548	0.9944	0.99864	1.0051	0.0033883	-0.0027	-0.00021	0.003	0.0015096
10	0.9957	0.99885	1.0048	0.0030548	0.9943	0.99843	1.0033	0.0030089	-0.0016	-0.00042	0.0003	0.00079274
20	0.9957	0.99885	1.0048	0.0030548	0.9946	0.99858	1.0034	0.0029536	-0.0014	-0.00027	0.0012	0.00076456
30	0.9957	0.99885	1.0048	0.0030548	0.9944	0.99852	1.0054	0.003455	-0.0014	-0.00033	0.0006	0.00071188
50	0.9957	0.99885	1.0048	0.0030548	0.9959	0.99868	1.005	0.0032034	-0.0014	-0.00017	0.0004	0.00066675
100	0.9957	0.99885	1.0048	0.0030548	0.9944	0.99786	1.0035	0.0028492	-0.0032	-0.00099	0.0001	0.0010236

Device Test: 28.18 VOLTAGE|OC/CS/5/5/0/0/5/1MHz//@V_CS_ILIM_OC





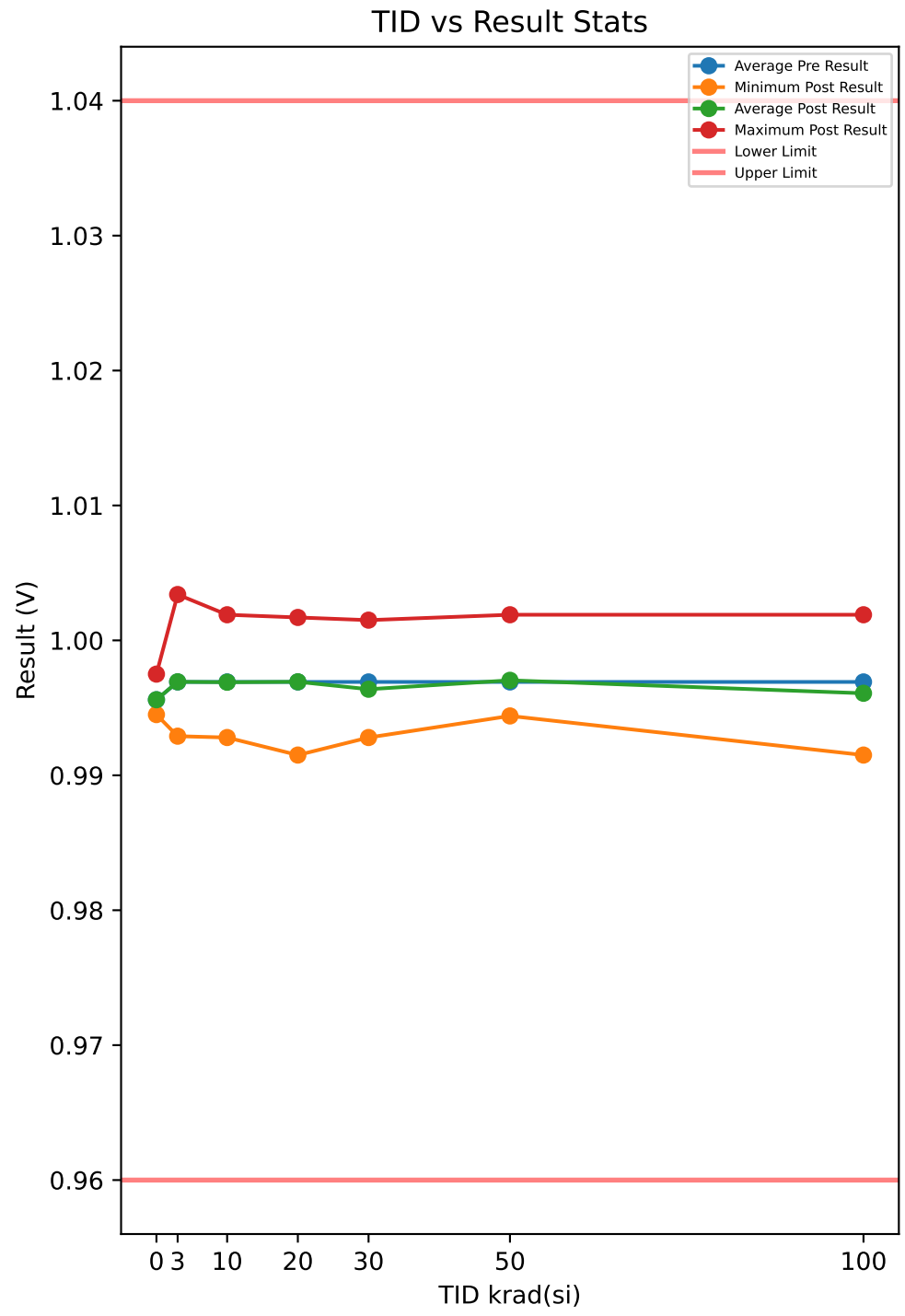
Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9928	0.9929	0.0001
2	3	LDR BIAS	1.0019	0.9988	-0.0031
3	3	LDR BIAS	1.0006	1.0019	0.0013
4	3	LDR BIAS	0.9944	0.9945	0.0001
5	3	LDR BIAS	0.9961	0.9958	-0.0003
6	3	LDR UNBIAS	0.9945	0.9929	-0.0016
7	3	LDR UNBIAS	0.9962	0.9946	-0.0016
8	3	LDR UNBIAS	1.0005	1.0004	-0.0001
9	3	LDR UNBIAS	0.9946	0.9946	0
10	3	LDR UNBIAS	0.9945	0.9945	0
11	0	CORRELATION	0.9974	0.9974	0
12	0	CORRELATION	0.9945	0.9944	-0.0001
13	0	CORRELATION	0.9943	0.9947	0.0004
14	0	CORRELATION	0.9957	0.9958	0.0001
21	10	LDR BIAS	0.9928	0.993	0.0002
22	10	LDR BIAS	1.0019	1.0018	-0.0001
23	10	LDR BIAS	1.0006	1.0004	-0.0002
24	10	LDR BIAS	0.9944	0.9945	0.0001
25	10	LDR BIAS	0.9961	0.9956	-0.0005
26	10	LDR UNBIAS	0.9945	0.9945	0
27	10	LDR UNBIAS	0.9962	0.9971	0.0009
28	10	LDR UNBIAS	1.0005	1.0018	0.0013
29	10	LDR UNBIAS	0.9946	0.9941	-0.0005
30	10	LDR UNBIAS	0.9945	0.9943	-0.0002
31	20	LDR BIAS	0.9928	0.9932	0.0004
32	20	LDR BIAS	1.0019	1.0017	-0.0002
33	20	LDR BIAS	1.0006	1.0004	-0.0002
34	20	LDR BIAS	0.9944	0.9959	0.0015
35	20	LDR BIAS	0.9961	0.996	-0.0001
36	20	LDR UNBIAS	0.9945	0.9928	-0.0017
37	20	LDR UNBIAS	0.9962	0.9972	0.001
38	20	LDR UNBIAS	1.0005	1.0021	0.0016
39	20	LDR UNBIAS	0.9946	0.9944	-0.0002
40	20	LDR UNBIAS	0.9945	0.9944	-0.0001
41	30	LDR BIAS	0.9928	0.9931	0.0003
42	30	LDR BIAS	1.0019	1.0018	-0.0001
43	30	LDR BIAS	1.0006	0.9987	-0.0019
44	30	LDR BIAS	0.9944	0.9959	0.0015
45	30	LDR BIAS	0.9961	0.9964	0.0003
46	30	LDR UNBIAS	0.9945	0.9934	-0.0011
47	30	LDR UNBIAS	0.9962	0.9973	0.0011
48	30	LDR UNBIAS	1.0005	1.0002	-0.0003
49	30	LDR UNBIAS	0.9946	0.9945	-0.0001
50	30	LDR UNBIAS	0.9945	0.9928	-0.0017
51	50	LDR BIAS	0.9928	0.9929	0.0001
52	50	LDR BIAS	1.0019	1.002	0.0001
53	50	LDR BIAS	1.0006	1.0005	-0.0001
54	50	LDR BIAS	0.9944	0.996	0.0016
55	50	LDR BIAS	0.9961	0.9944	-0.0017
56	50	LDR UNBIAS	0.9945	0.9945	0
57	50	LDR UNBIAS	0.9962	0.9959	-0.0003
58	50	LDR UNBIAS	1.0005	0.9989	-0.0016
59	50	LDR UNBIAS	0.9946	0.9929	-0.0017
60	50	LDR UNBIAS	0.9945	0.9959	0.0014
61	100	LDR BIAS	0.9928	0.9915	-0.0013
62	100	LDR BIAS	1.0019	1.0004	-0.0015
63	100	LDR BIAS	1.0006	0.9959	-0.0047
64	100	LDR BIAS	0.9944	0.9945	0.0001
65	100	LDR BIAS	0.9961	0.9943	-0.0018
66	100	LDR UNBIAS	0.9945	0.9944	-0.0001
67	100	LDR UNBIAS	0.9962	0.9959	-0.0003
68	100	LDR UNBIAS	1.0005	1.0005	0
69	100	LDR UNBIAS	0.9946	0.9944	-0.0002
70	100	LDR UNBIAS	0.9945	0.9944	-0.0001

Test Statistics (V)

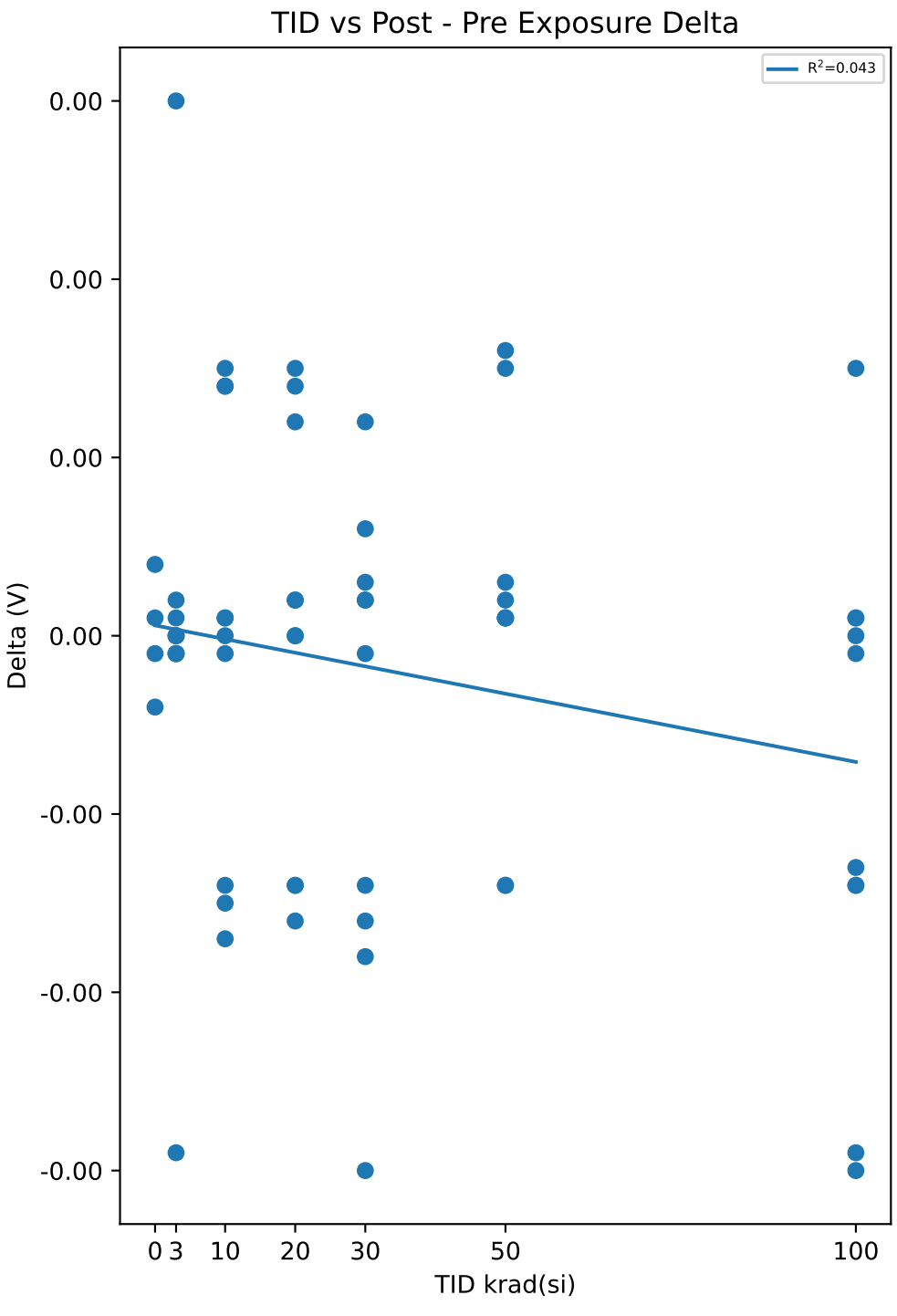
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9943	0.99547	0.9974	0.0014245	0.9944	0.99557	0.9974	0.0013574	-0.0001	0.0001	0.0004	0.00021602
3	0.9928	0.99661	1.0019	0.0031939	0.9929	0.99609	1.0019	0.0031554	-0.0031	-0.00052	0.0013	0.0012399
10	0.9928	0.99661	1.0019	0.0031939	0.993	0.99671	1.0018	0.0033825	-0.0005	0.0001	0.0013	0.00058119
20	0.9928	0.99661	1.0019	0.0031939	0.9928	0.99681	1.0021	0.0034504	-0.0017	0.0002	0.0016	0.00097753
30	0.9928	0.99661	1.0019	0.0031939	0.9928	0.99641	1.0018	0.0030985	-0.0019	-0.0002	0.0015	0.0011086
50	0.9928	0.99661	1.0019	0.0031939	0.9929	0.99639	1.002	0.0031125	-0.0017	-0.00022	0.0016	0.0011783
100	0.9928	0.99661	1.0019	0.0031939	0.9915	0.99562	1.0005	0.0028138	-0.0047	-0.00099	0.0001	0.0014768

Device Test: 28.19 VOLTAGE|OC/CS/12/12/0/0/5/1MHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

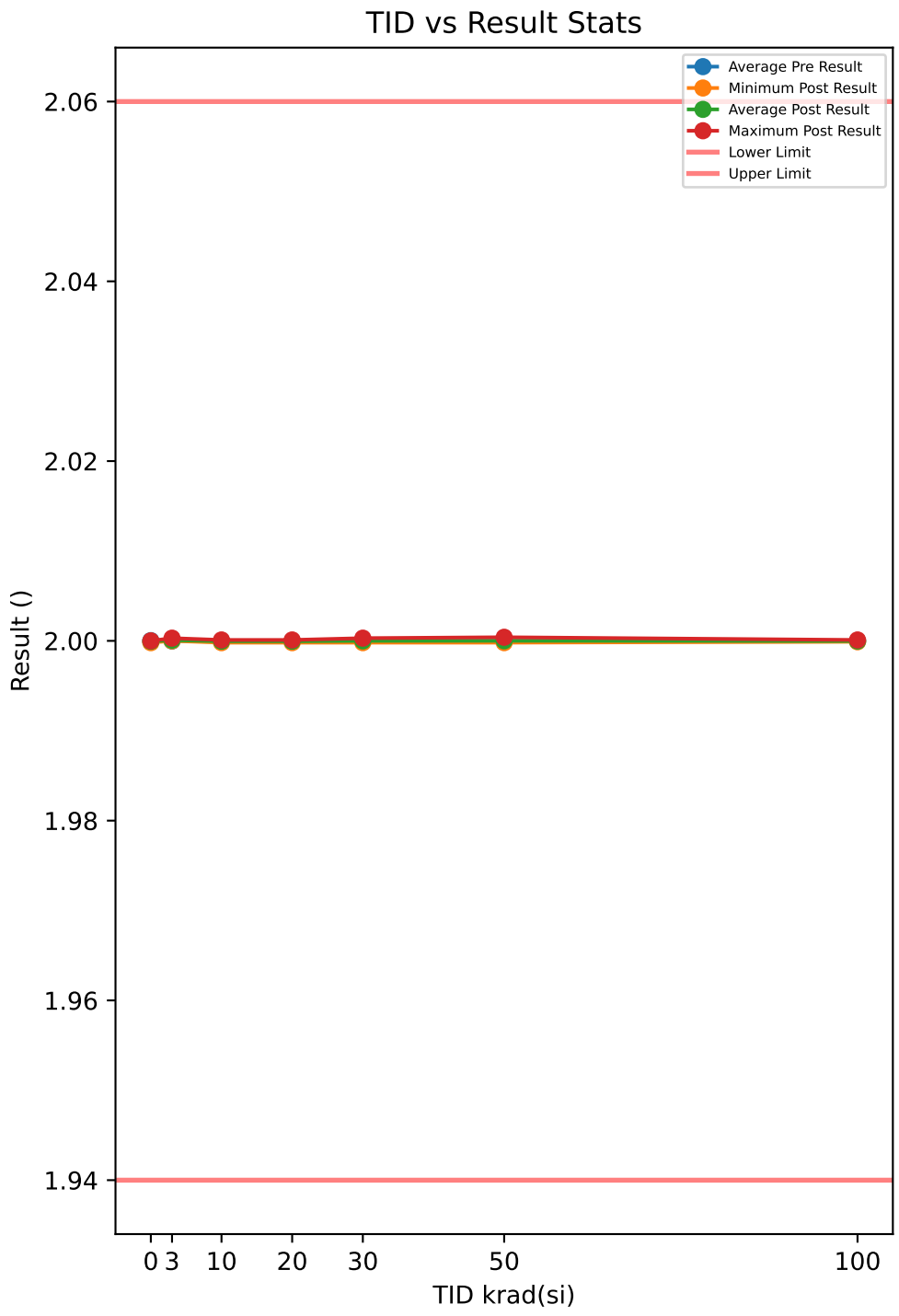
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9929	0.9929	0
2	3	LDR BIAS	1.0033	1.0004	-0.0029
3	3	LDR BIAS	1.0004	1.0034	0.003
4	3	LDR BIAS	0.9959	0.996	0.0001
5	3	LDR BIAS	0.9958	0.9957	-0.0001
6	3	LDR UNBIAS	0.9944	0.9943	-0.0001
7	3	LDR UNBIAS	0.9959	0.9958	-0.0001
8	3	LDR UNBIAS	1.0004	1.0004	0
9	3	LDR UNBIAS	0.9944	0.9946	0.0002
10	3	LDR UNBIAS	0.9958	0.9958	0
11	0	CORRELATION	0.9974	0.9975	0.0001
12	0	CORRELATION	0.9944	0.9948	0.0004
13	0	CORRELATION	0.9946	0.9945	-0.0001
14	0	CORRELATION	0.996	0.9956	-0.0004
21	10	LDR BIAS	0.9929	0.9928	-0.0001
22	10	LDR BIAS	1.0033	1.0019	-0.0014
23	10	LDR BIAS	1.0004	1.0005	0.0001
24	10	LDR BIAS	0.9959	0.9942	-0.0017
25	10	LDR BIAS	0.9958	0.9973	0.0015
26	10	LDR UNBIAS	0.9944	0.9945	0.0001
27	10	LDR UNBIAS	0.9959	0.9973	0.0014
28	10	LDR UNBIAS	1.0004	1.0018	0.0014
29	10	LDR UNBIAS	0.9944	0.9944	0
30	10	LDR UNBIAS	0.9958	0.9943	-0.0015
31	20	LDR BIAS	0.9929	0.9915	-0.0014
32	20	LDR BIAS	1.0033	1.0017	-0.0016
33	20	LDR BIAS	1.0004	1.0006	0.0002
34	20	LDR BIAS	0.9959	0.9959	0
35	20	LDR BIAS	0.9958	0.9972	0.0014
36	20	LDR UNBIAS	0.9944	0.9946	0.0002
37	20	LDR UNBIAS	0.9959	0.9974	0.0015
38	20	LDR UNBIAS	1.0004	1.0016	0.0012
39	20	LDR UNBIAS	0.9944	0.9944	0
40	20	LDR UNBIAS	0.9958	0.9944	-0.0014
41	30	LDR BIAS	0.9929	0.9935	0.0006
42	30	LDR BIAS	1.0033	1.0015	-0.0018
43	30	LDR BIAS	1.0004	0.999	-0.0014
44	30	LDR BIAS	0.9959	0.9958	-0.0001
45	30	LDR BIAS	0.9958	0.996	0.0002
46	30	LDR UNBIAS	0.9944	0.9928	-0.0016
47	30	LDR UNBIAS	0.9959	0.9971	0.0012
48	30	LDR UNBIAS	1.0004	1.0007	0.0003
49	30	LDR UNBIAS	0.9944	0.9946	0.0002
50	30	LDR UNBIAS	0.9958	0.9928	-0.003
51	50	LDR BIAS	0.9929	0.9945	0.0016
52	50	LDR BIAS	1.0033	1.0019	-0.0014
53	50	LDR BIAS	1.0004	1.0005	0.0001
54	50	LDR BIAS	0.9959	0.996	0.0001
55	50	LDR BIAS	0.9958	0.9944	-0.0014
56	50	LDR UNBIAS	0.9944	0.9945	0.0001
57	50	LDR UNBIAS	0.9959	0.9974	0.0015
58	50	LDR UNBIAS	1.0004	1.0005	0.0001
59	50	LDR UNBIAS	0.9944	0.9947	0.0003
60	50	LDR UNBIAS	0.9958	0.996	0.0002
61	100	LDR BIAS	0.9929	0.9915	-0.0014
62	100	LDR BIAS	1.0033	1.0004	-0.0029
63	100	LDR BIAS	1.0004	0.9974	-0.003
64	100	LDR BIAS	0.9959	0.9958	-0.0001
65	100	LDR BIAS	0.9958	0.9945	-0.0013
66	100	LDR UNBIAS	0.9944	0.9945	0.0001
67	100	LDR UNBIAS	0.9959	0.996	0.0001
68	100	LDR UNBIAS	1.0004	1.0019	0.0015
69	100	LDR UNBIAS	0.9944	0.9944	0
70	100	LDR UNBIAS	0.9958	0.9944	-0.0014

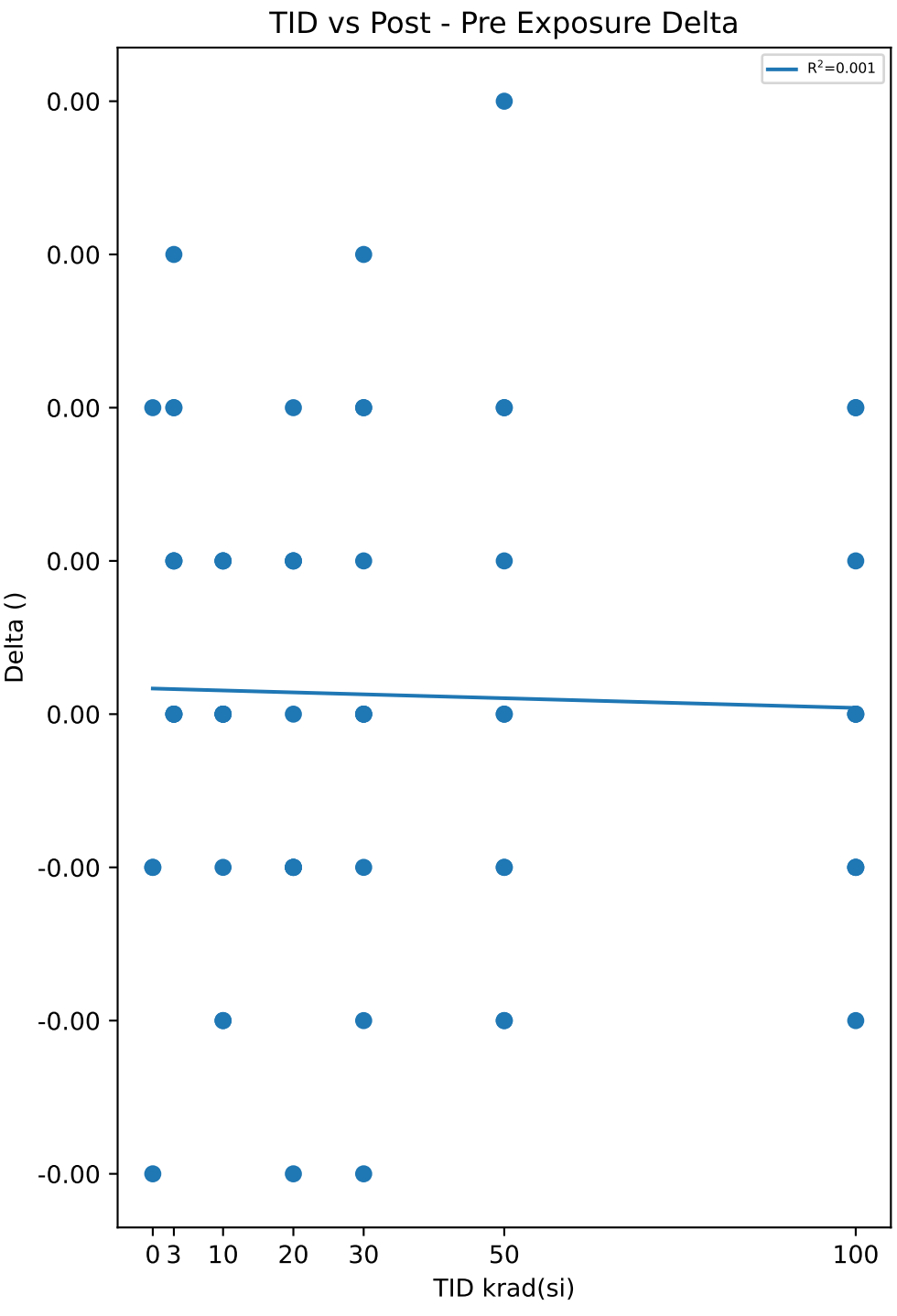


Test Statistics (V)

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	0.9944	0.9956	0.9974	0.0013952	0.9945	0.9956	0.9975	0.0013491	-0.0004	5.5511e-17	0.0004	0.00033665
3	0.9929	0.99692	1.0033	0.0033062	0.9929	0.99693	1.0034	0.0033243	-0.0029	1e-05	0.003	0.001394
10	0.9929	0.99692	1.0033	0.0033062	0.9928	0.9969	1.0019	0.0034183	-0.0017	-2e-05	0.0015	0.0012155
20	0.9929	0.99692	1.0033	0.0033062	0.9915	0.99693	1.0017	0.0034497	-0.0016	1e-05	0.0015	0.0011647
30	0.9929	0.99692	1.0033	0.0033062	0.9928	0.99638	1.0015	0.0031594	-0.003	-0.00054	0.0012	0.001326
50	0.9929	0.99692	1.0033	0.0033062	0.9944	0.99704	1.0019	0.0028907	-0.0014	0.00012	0.0016	0.00098635
100	0.9929	0.99692	1.0033	0.0033062	0.9915	0.99608	1.0019	0.0030908	-0.003	-0.00084	0.0015	0.0014238

Device Test: 28.2 LEVEL|RATIO/CS/5/5/0/0/5/500kHz//@C_CS_R





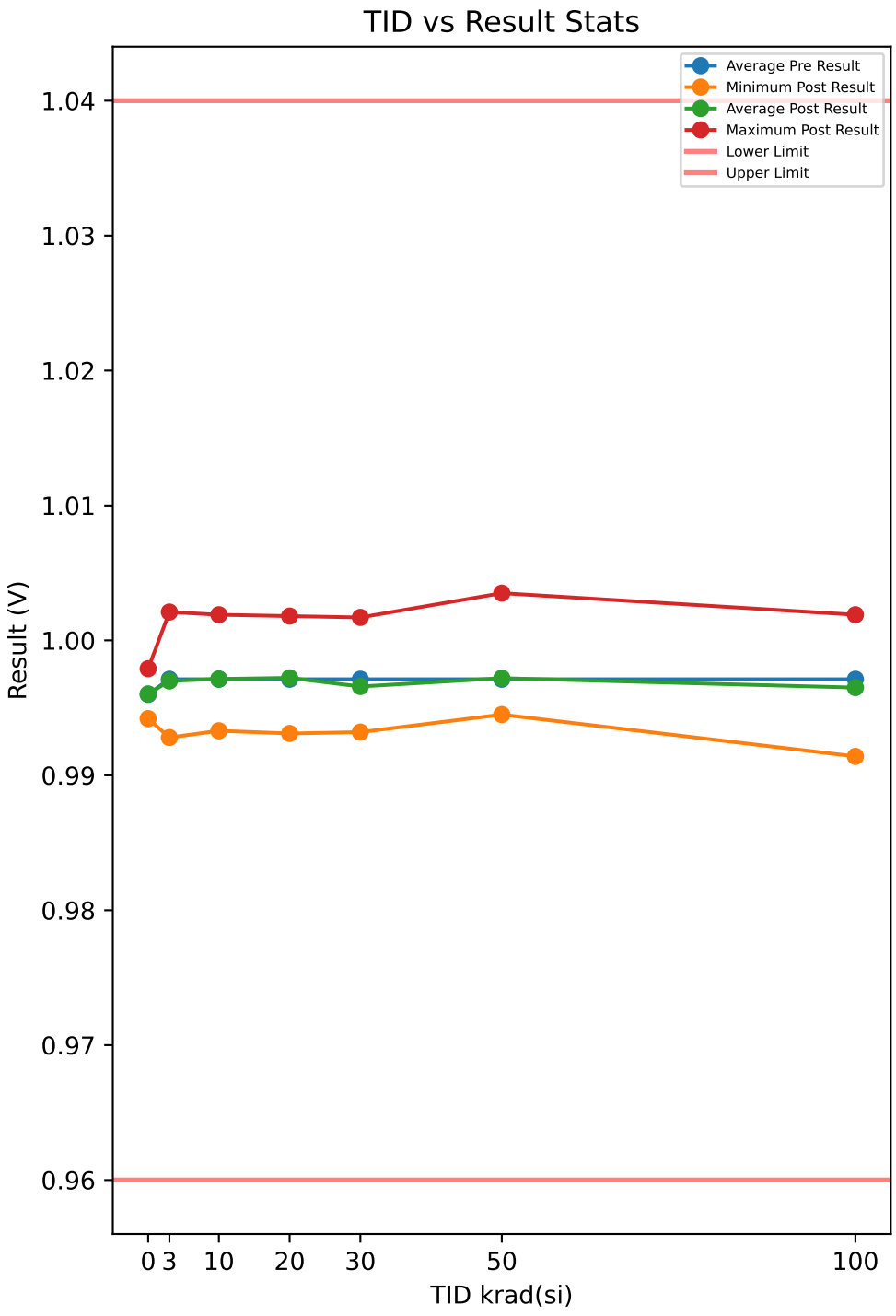
Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.9999	2	0.0001
2	3	LDR BIAS	1.9999	2	0.0001
3	3	LDR BIAS	2	2	0
4	3	LDR BIAS	2	2	0
5	3	LDR BIAS	1.9999	2.0001	0.0002
6	3	LDR UNBIAS	2.0001	2.0001	0
7	3	LDR UNBIAS	2.0001	2.0001	0
8	3	LDR UNBIAS	2.0001	2.0002	0.0001
9	3	LDR UNBIAS	1.9998	2	0.0002
10	3	LDR UNBIAS	2	2.0003	0.0003
11	0	CORRELATION	1.9998	2	0.0002
12	0	CORRELATION	2.0001	1.9998	-0.0003
13	0	CORRELATION	2.0001	2	-0.0001
14	0	CORRELATION	2.0001	2	-0.0001
21	10	LDR BIAS	1.9999	2	0.0001
22	10	LDR BIAS	1.9999	1.9998	-0.0001
23	10	LDR BIAS	2	2	0
24	10	LDR BIAS	2	2.0001	0.0001
25	10	LDR BIAS	1.9999	1.9999	0
26	10	LDR UNBIAS	2.0001	1.9999	-0.0002
27	10	LDR UNBIAS	2.0001	2.0001	0
28	10	LDR UNBIAS	2.0001	1.9999	-0.0002
29	10	LDR UNBIAS	1.9998	1.9999	0.0001
30	10	LDR UNBIAS	2	2	0
31	20	LDR BIAS	1.9999	2	0.0001
32	20	LDR BIAS	1.9999	2	0.0001
33	20	LDR BIAS	2	1.9999	-0.0001
34	20	LDR BIAS	2	1.9999	-0.0001
35	20	LDR BIAS	1.9999	2.0001	0.0002
36	20	LDR UNBIAS	2.0001	1.9998	-0.0003
37	20	LDR UNBIAS	2.0001	2	-0.0001
38	20	LDR UNBIAS	2.0001	2	-0.0001
39	20	LDR UNBIAS	1.9998	1.9998	0
40	20	LDR UNBIAS	2	2.0001	0.0001
41	30	LDR BIAS	1.9999	2.0001	0.0002
42	30	LDR BIAS	1.9999	2.0001	0.0002
43	30	LDR BIAS	2	2	0
44	30	LDR BIAS	2	2	0
45	30	LDR BIAS	1.9999	1.9999	0
46	30	LDR UNBIAS	2.0001	1.9998	-0.0003
47	30	LDR UNBIAS	2.0001	2	-0.0001
48	30	LDR UNBIAS	2.0001	1.9999	-0.0002
49	30	LDR UNBIAS	1.9998	1.9999	0.0001
50	30	LDR UNBIAS	2	2.0003	0.0003
51	50	LDR BIAS	1.9999	1.9999	0
52	50	LDR BIAS	1.9999	1.9998	-0.0001
53	50	LDR BIAS	2	1.9998	-0.0002
54	50	LDR BIAS	2	1.9998	-0.0002
55	50	LDR BIAS	1.9999	2.0001	0.0002
56	50	LDR UNBIAS	2.0001	2.0001	0
57	50	LDR UNBIAS	2.0001	2	-0.0001
58	50	LDR UNBIAS	2.0001	2.0003	0.0002
59	50	LDR UNBIAS	1.9998	1.9999	0.0001
60	50	LDR UNBIAS	2	2.0004	0.0004
61	100	LDR BIAS	1.9999	1.9999	0
62	100	LDR BIAS	1.9999	2.0001	0.0002
63	100	LDR BIAS	2	2	0
64	100	LDR BIAS	2	1.9999	-0.0001
65	100	LDR BIAS	1.9999	2	0.0001
66	100	LDR UNBIAS	2.0001	1.9999	-0.0002
67	100	LDR UNBIAS	2.0001	2.0001	0
68	100	LDR UNBIAS	2.0001	2	-0.0001
69	100	LDR UNBIAS	1.9998	2	0.0002
70	100	LDR UNBIAS	2	1.9999	-0.0001

Test Statistics ()

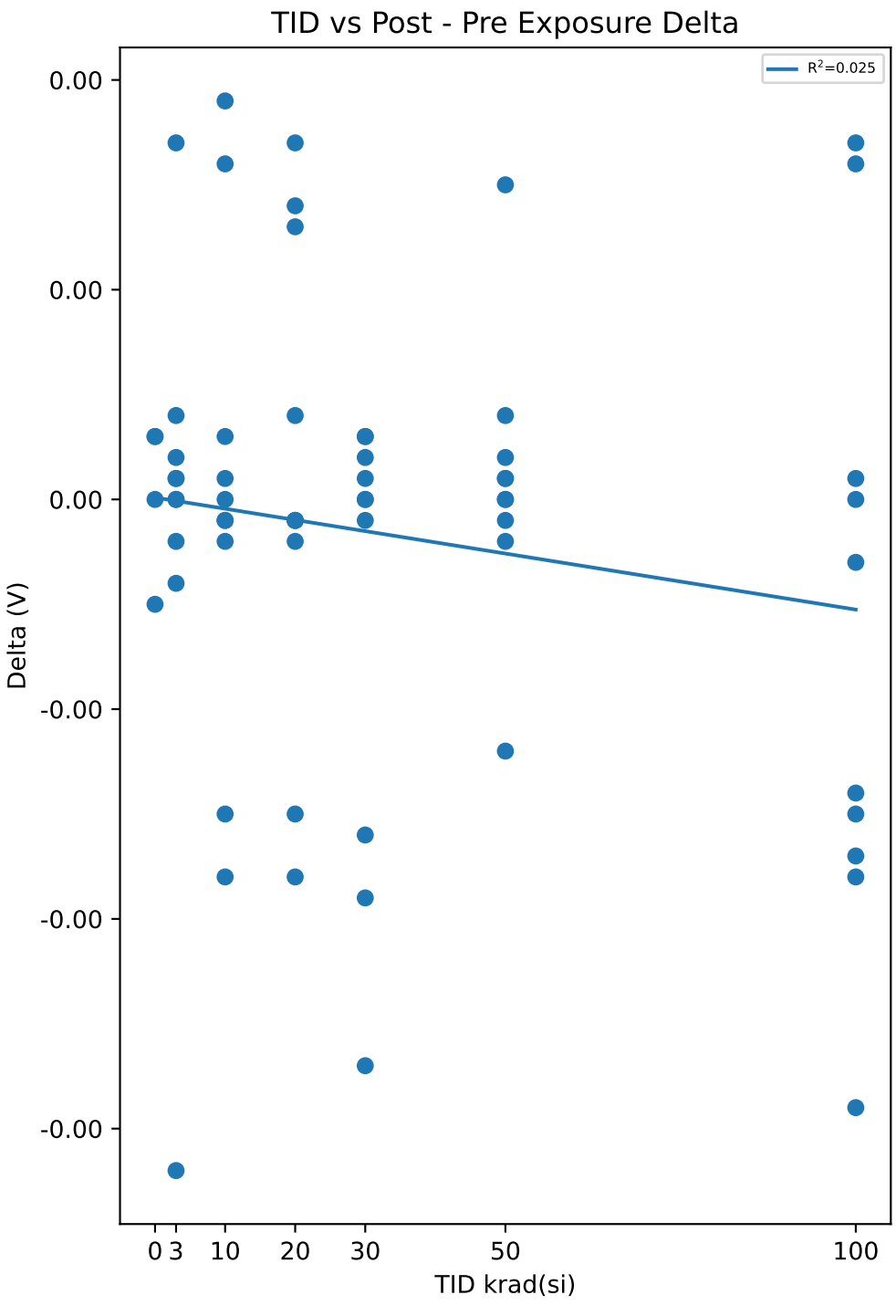
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9998	2	2.0001	0.00015	1.9998	2	2	0.0001	-0.0003	-7.5e-05	0.0002	0.00020616
3	1.9998	2	2.0001	0.00010328	2	2.0001	2.0003	0.00010328	0	0.0001	0.0003	0.00010541
10	1.9998	2	2.0001	0.00010328	1.9998	2	2.0001	9.6609e-05	-0.0002	-2e-05	0.0001	0.00011353
20	1.9998	2	2.0001	0.00010328	1.9998	2	2.0001	0.0001075	-0.0003	-2e-05	0.0002	0.00014757
30	1.9998	2	2.0001	0.00010328	1.9998	2	2.0003	0.00014142	-0.0003	2e-05	0.0003	0.00018738
50	1.9998	2	2.0001	0.00010328	1.9998	2	2.0004	0.00021318	-0.0002	3e-05	0.0004	0.00019465
100	1.9998	2	2.0001	0.00010328	1.9999	2	2.0001	7.8881e-05	-0.0002	-2.2204e-17	0.0002	0.00013333

Device Test: 28.20 VOLTAGE|OC/CS/14/14/0/0/5/1MHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

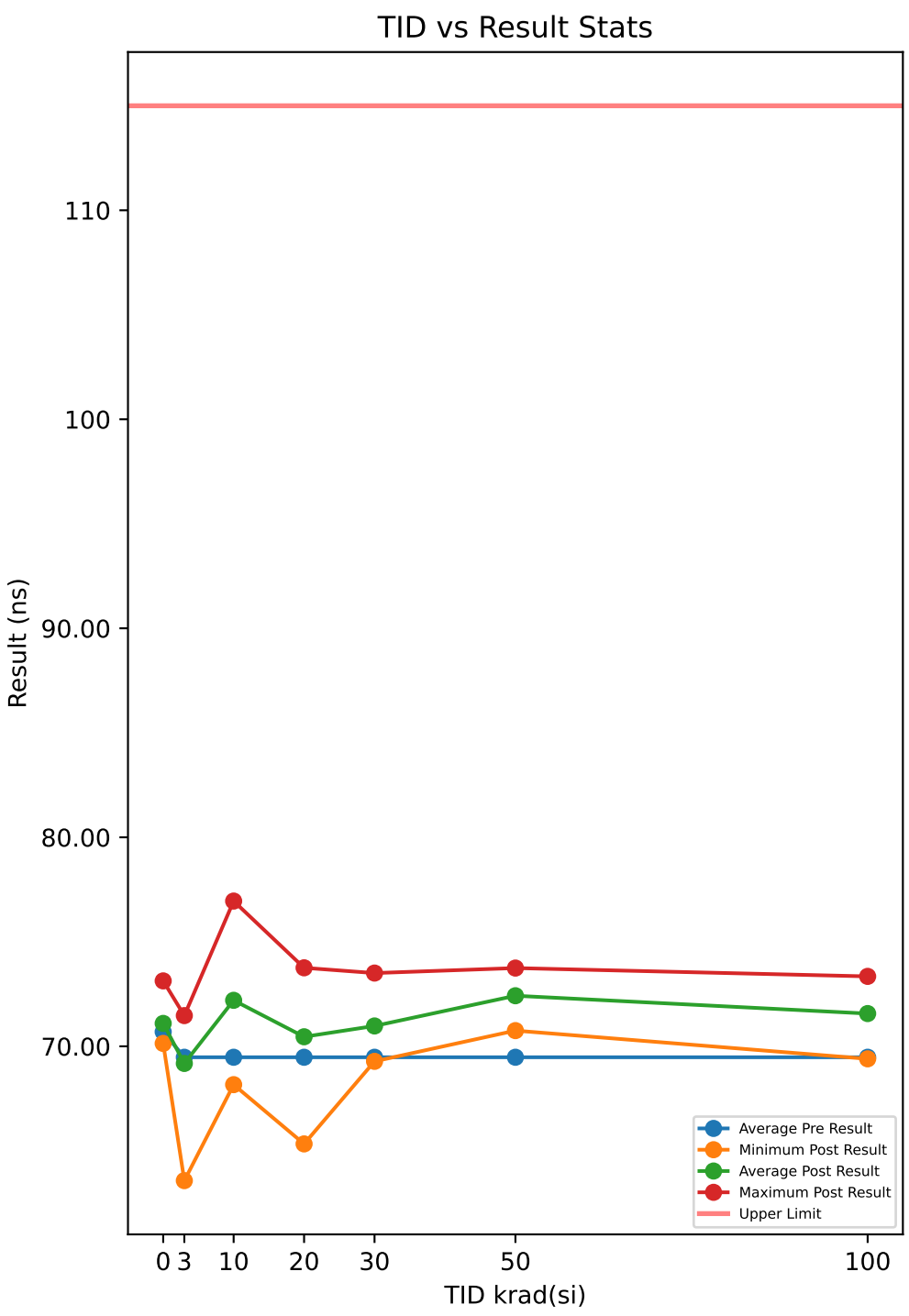
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9932	0.9928	-0.0004
2	3	LDR BIAS	1.0036	1.0004	-0.0032
3	3	LDR BIAS	1.0004	1.0021	0.0017
4	3	LDR BIAS	0.9959	0.9959	0
5	3	LDR BIAS	0.9957	0.9961	0.0004
6	3	LDR UNBIAS	0.9943	0.9944	0.0001
7	3	LDR UNBIAS	0.9976	0.9976	0
8	3	LDR UNBIAS	1.0003	1.0005	0.0002
9	3	LDR UNBIAS	0.9943	0.9944	0.0001
10	3	LDR UNBIAS	0.9959	0.9957	-0.0002
11	0	CORRELATION	0.9976	0.9979	0.0003
12	0	CORRELATION	0.9944	0.9947	0.0003
13	0	CORRELATION	0.9947	0.9942	-0.0005
14	0	CORRELATION	0.9973	0.9973	0
21	10	LDR BIAS	0.9932	0.9933	0.0001
22	10	LDR BIAS	1.0036	1.0018	-0.0018
23	10	LDR BIAS	1.0004	1.0003	-0.0001
24	10	LDR BIAS	0.9959	0.9958	-0.0001
25	10	LDR BIAS	0.9957	0.9976	0.0019
26	10	LDR UNBIAS	0.9943	0.9943	0
27	10	LDR UNBIAS	0.9976	0.9974	-0.0002
28	10	LDR UNBIAS	1.0003	1.0019	0.0016
29	10	LDR UNBIAS	0.9943	0.9946	0.0003
30	10	LDR UNBIAS	0.9959	0.9944	-0.0015
31	20	LDR BIAS	0.9932	0.9931	-0.0001
32	20	LDR BIAS	1.0036	1.0018	-0.0018
33	20	LDR BIAS	1.0004	1.0003	-0.0001
34	20	LDR BIAS	0.9959	0.9972	0.0013
35	20	LDR BIAS	0.9957	0.9974	0.0017
36	20	LDR UNBIAS	0.9943	0.9947	0.0004
37	20	LDR UNBIAS	0.9976	0.9974	-0.0002
38	20	LDR UNBIAS	1.0003	1.0017	0.0014
39	20	LDR UNBIAS	0.9943	0.9942	-0.0001
40	20	LDR UNBIAS	0.9959	0.9944	-0.0015
41	30	LDR BIAS	0.9932	0.9932	0
42	30	LDR BIAS	1.0036	1.0017	-0.0019
43	30	LDR BIAS	1.0004	0.9988	-0.0016
44	30	LDR BIAS	0.9959	0.9959	0
45	30	LDR BIAS	0.9957	0.996	0.0003
46	30	LDR UNBIAS	0.9943	0.9945	0.0002
47	30	LDR UNBIAS	0.9976	0.9975	-0.0001
48	30	LDR UNBIAS	1.0003	1.0004	0.0001
49	30	LDR UNBIAS	0.9943	0.9946	0.0003
50	30	LDR UNBIAS	0.9959	0.9932	-0.0027
51	50	LDR BIAS	0.9932	0.9947	0.0015
52	50	LDR BIAS	1.0036	1.0035	-0.0001
53	50	LDR BIAS	1.0004	1.0004	0
54	50	LDR BIAS	0.9959	0.996	0.0001
55	50	LDR BIAS	0.9957	0.9945	-0.0012
56	50	LDR UNBIAS	0.9943	0.9947	0.0004
57	50	LDR UNBIAS	0.9976	0.9974	-0.0002
58	50	LDR UNBIAS	1.0003	1.0004	0.0001
59	50	LDR UNBIAS	0.9943	0.9945	0.0002
60	50	LDR UNBIAS	0.9959	0.9959	0
61	100	LDR BIAS	0.9932	0.9914	-0.0018
62	100	LDR BIAS	1.0036	1.0019	-0.0017
63	100	LDR BIAS	1.0004	0.9975	-0.0029
64	100	LDR BIAS	0.9959	0.9959	0
65	100	LDR BIAS	0.9957	0.9943	-0.0014
66	100	LDR UNBIAS	0.9943	0.9944	0.0001
67	100	LDR UNBIAS	0.9976	0.9973	-0.0003
68	100	LDR UNBIAS	1.0003	1.0019	0.0016
69	100	LDR UNBIAS	0.9943	0.996	0.0017
70	100	LDR UNBIAS	0.9959	0.9944	-0.0015

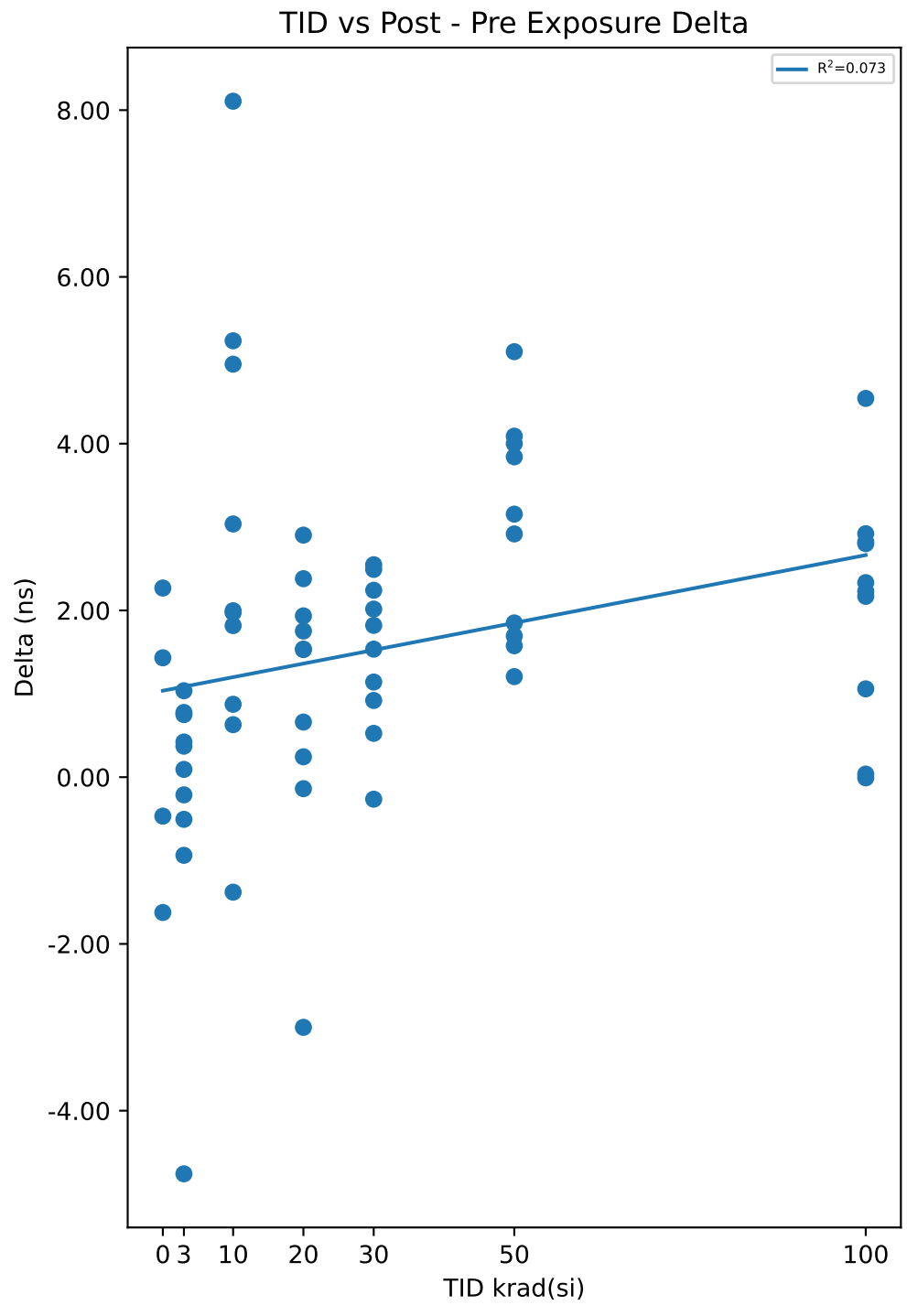


Test Statistics (V)

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	0.9944	0.996	0.9976	0.0016833	0.9942	0.99602	0.9979	0.0018464	-0.0005	2.5e-05	0.0003	0.00037749
3	0.9932	0.99712	1.0036	0.0033226	0.9928	0.99699	1.0021	0.0030741	-0.0032	-0.00013	0.0017	0.0012193
10	0.9932	0.99712	1.0036	0.0033226	0.9933	0.99714	1.0019	0.0032181	-0.0018	2e-05	0.0019	0.0011458
20	0.9932	0.99712	1.0036	0.0033226	0.9931	0.99722	1.0018	0.0031797	-0.0018	0.0001	0.0017	0.0011624
30	0.9932	0.99712	1.0036	0.0033226	0.9932	0.99658	1.0017	0.0029529	-0.0027	-0.00054	0.0003	0.0010946
50	0.9932	0.99712	1.0036	0.0033226	0.9945	0.9972	1.0035	0.0031696	-0.0012	8e-05	0.0015	0.00065794
100	0.9932	0.99712	1.0036	0.0033226	0.9914	0.9965	1.0019	0.0033373	-0.0029	-0.00062	0.0017	0.0015076

Device Test: 28.21 TIMING|DELAY/CS/4.5/4.5/0/0/4.5/100kHz//@CS_ILIM_DELAY





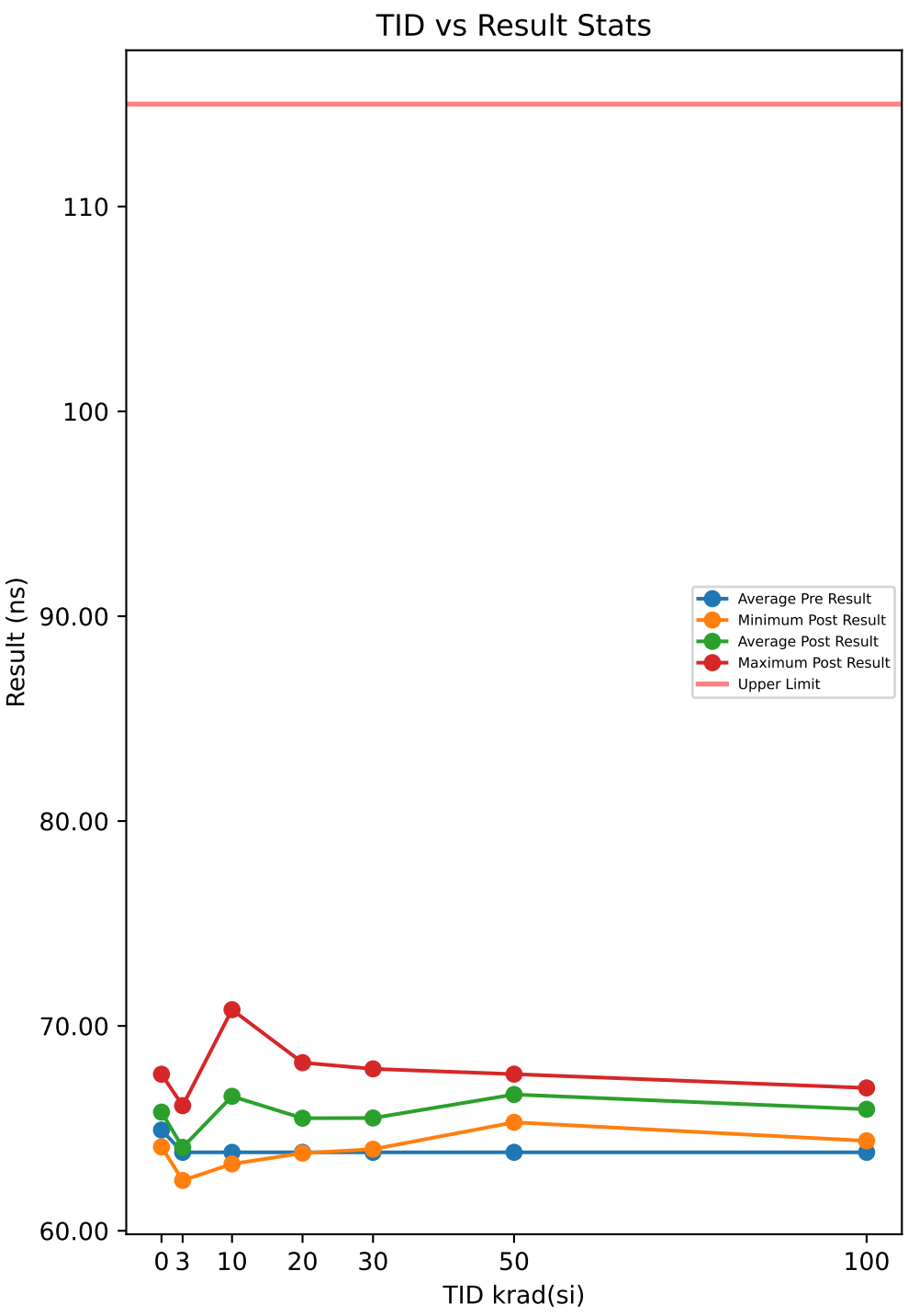
Test Results (Upper Limit = 115.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	68.84	67.903	-0.9372
2	3	LDR BIAS	68.031	68.807	0.7762
3	3	LDR BIAS	71.013	71.434	0.4219
4	3	LDR BIAS	69.632	70.004	0.3719
5	3	LDR BIAS	69.743	70.779	1.0365
6	3	LDR UNBIAS	68.331	63.573	-4.7574
7	3	LDR UNBIAS	71.376	71.469	0.0931
8	3	LDR UNBIAS	69.409	68.903	-0.5059
9	3	LDR UNBIAS	69.545	69.333	-0.2123
10	3	LDR UNBIAS	68.842	69.593	0.7502
11	0	CORRELATION	71.903	70.28	-1.623
12	0	CORRELATION	70.605	70.138	-0.4674
13	0	CORRELATION	70.862	73.13	2.2683
14	0	CORRELATION	69.402	70.834	1.4317
21	10	LDR BIAS	68.84	70.836	1.9959
22	10	LDR BIAS	68.031	73.264	5.2336
23	10	LDR BIAS	71.013	72.831	1.8181
24	10	LDR BIAS	69.632	72.669	3.0365
25	10	LDR BIAS	69.743	70.372	0.6296
26	10	LDR UNBIAS	68.331	73.284	4.9531
27	10	LDR UNBIAS	71.376	72.25	0.8741
28	10	LDR UNBIAS	69.409	71.383	1.9735
29	10	LDR UNBIAS	69.545	68.166	-1.3793
30	10	LDR UNBIAS	68.842	76.949	8.107
31	20	LDR BIAS	68.84	69.085	0.2442
32	20	LDR BIAS	68.031	69.561	1.5302
33	20	LDR BIAS	71.013	72.765	1.7526
34	20	LDR BIAS	69.632	72.535	2.9031
35	20	LDR BIAS	69.743	71.677	1.9345
36	20	LDR UNBIAS	68.331	65.33	-3.0003
37	20	LDR UNBIAS	71.376	73.756	2.3803
38	20	LDR UNBIAS	69.409	70.945	1.5354
39	20	LDR UNBIAS	69.545	69.407	-0.1382
40	20	LDR UNBIAS	68.842	69.503	0.6607
41	30	LDR BIAS	68.84	69.366	0.5254
42	30	LDR BIAS	68.031	70.579	2.548
43	30	LDR BIAS	71.013	73.504	2.4917
44	30	LDR BIAS	69.632	71.453	1.8206
45	30	LDR BIAS	69.743	71.984	2.2417
46	30	LDR UNBIAS	68.331	70.346	2.0158
47	30	LDR UNBIAS	71.376	72.911	1.5353
48	30	LDR UNBIAS	69.409	70.55	1.1409
49	30	LDR UNBIAS	69.545	69.281	-0.2643
50	30	LDR UNBIAS	68.842	69.762	0.9199
51	50	LDR BIAS	68.84	71.758	2.9174
52	50	LDR BIAS	68.031	73.134	5.103
53	50	LDR BIAS	71.013	72.588	1.5759
54	50	LDR BIAS	69.632	72.787	3.1547
55	50	LDR BIAS	69.743	73.743	4.0006
56	50	LDR UNBIAS	68.331	72.42	4.0898
57	50	LDR UNBIAS	71.376	73.069	1.6936
58	50	LDR UNBIAS	69.409	71.259	1.8499
59	50	LDR UNBIAS	69.545	70.751	1.206
60	50	LDR UNBIAS	68.842	72.684	3.8419
61	100	LDR BIAS	68.84	71.641	2.8005
62	100	LDR BIAS	68.031	72.573	4.5424
63	100	LDR BIAS	71.013	73.346	2.3332
64	100	LDR BIAS	69.632	71.862	2.2299
65	100	LDR BIAS	69.743	72.566	2.823
66	100	LDR UNBIAS	68.331	71.25	2.9199
67	100	LDR UNBIAS	71.376	71.412	0.0368
68	100	LDR UNBIAS	69.409	69.401	-0.0082
69	100	LDR UNBIAS	69.545	70.604	1.0592
70	100	LDR UNBIAS	68.842	71.011	2.1688

Test Statistics (ns)

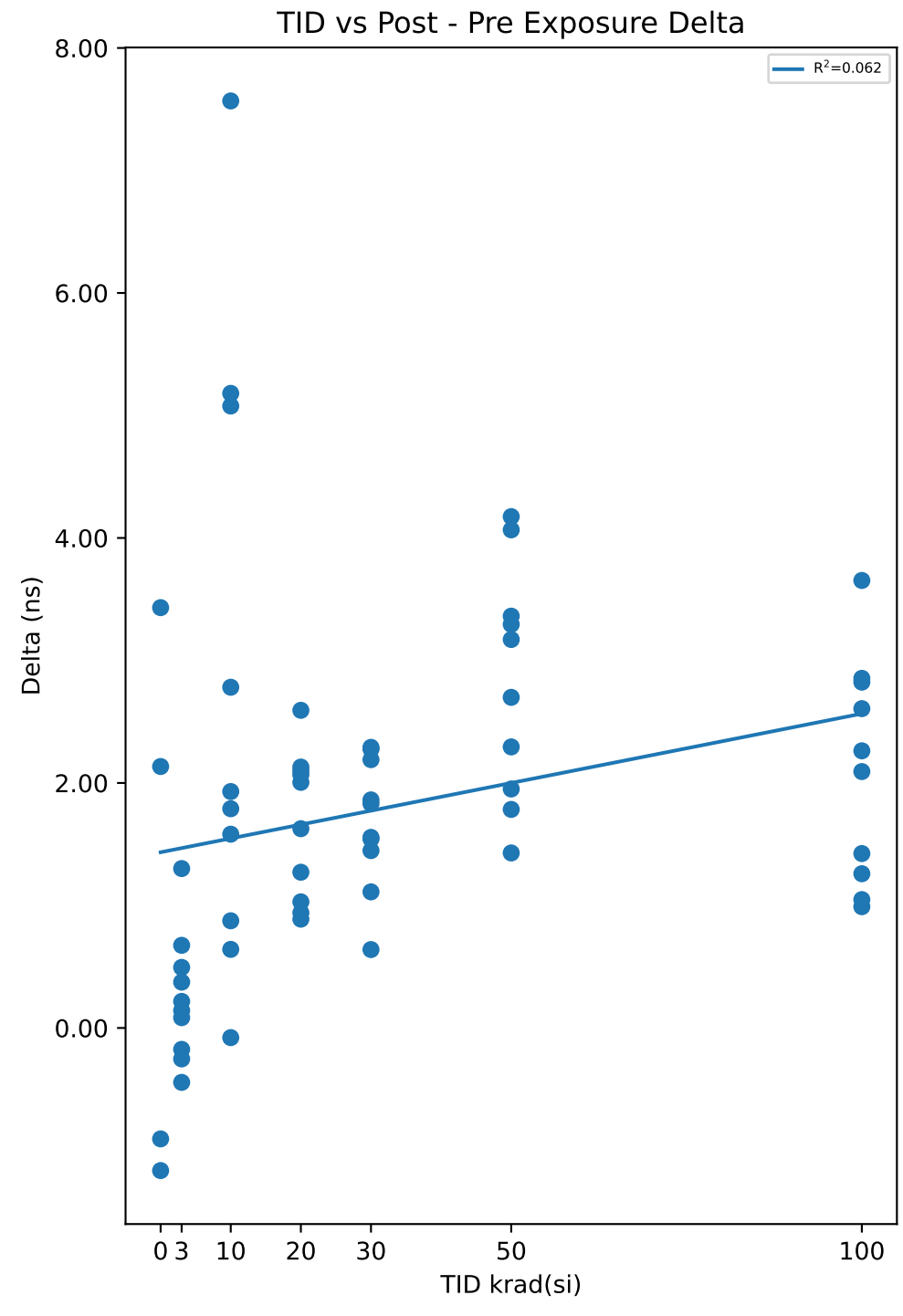
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	69.402	70.693	71.903	1.0276	70.138	71.095	73.13	1.3892	-1.623	0.4024	2.2683	1.7701
3	68.031	69.476	71.376	1.0688	63.573	69.18	71.469	2.2861	-4.7574	-0.2963	1.0365	1.6832
10	68.031	69.476	71.376	1.0688	68.166	72.2	76.949	2.3004	-1.3793	2.7242	8.107	2.7264
20	68.031	69.476	71.376	1.0688	65.33	70.456	73.756	2.4322	-3.0003	0.98025	2.9031	1.6837
30	68.031	69.476	71.376	1.0688	69.281	70.974	73.504	1.4551	-0.2643	1.4975	2.548	0.91469
50	68.031	69.476	71.376	1.0688	70.751	72.419	73.743	0.9121	1.206	2.9433	5.103	1.3163
100	68.031	69.476	71.376	1.0688	69.401	71.567	73.346	1.1215	-0.0082	2.0905	4.5424	1.3949

Device Test: 28.22 TIMING|DELAY/CS/5/5/0/0/5/100kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

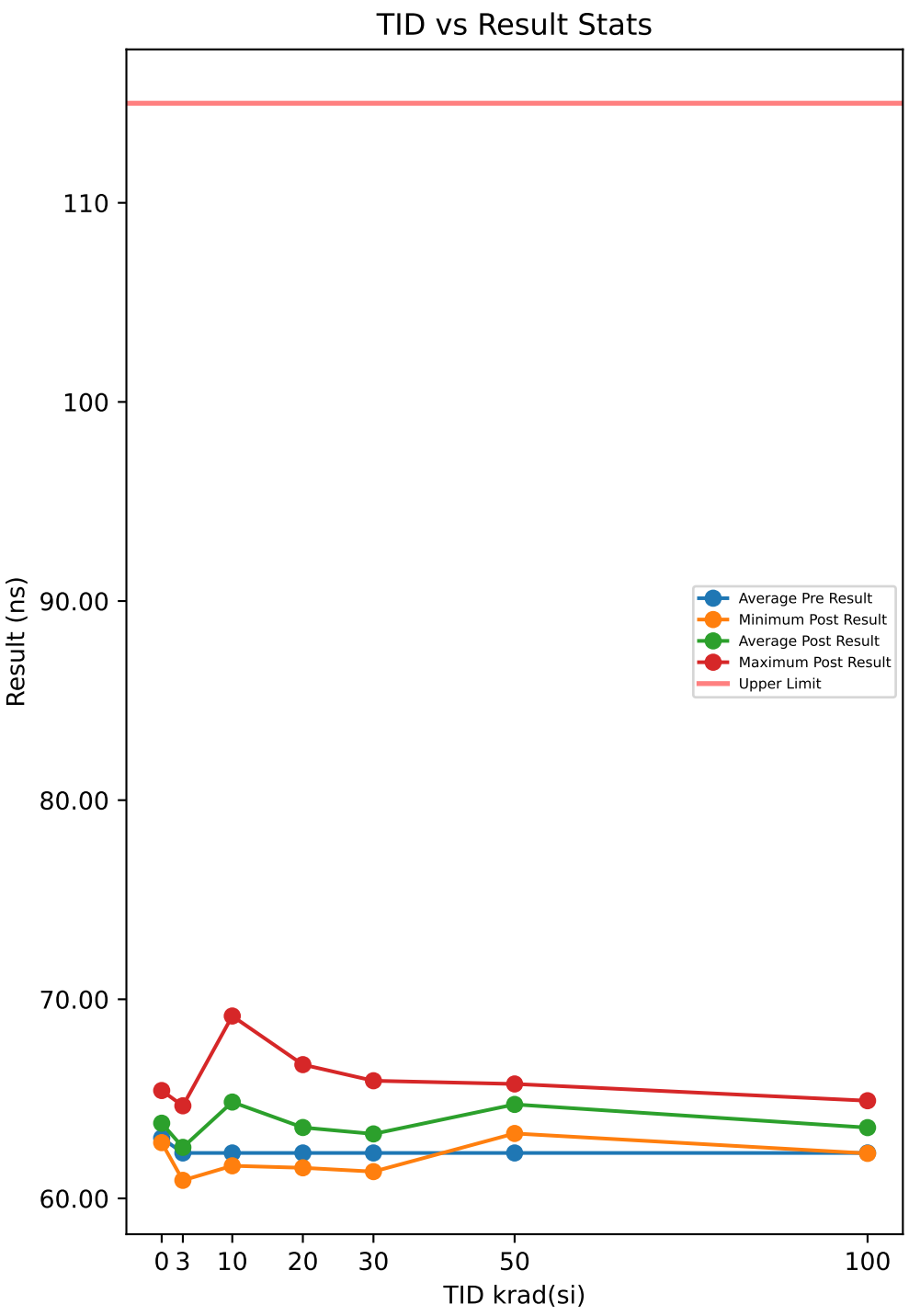
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	62.9	62.456	-0.4441
2	3	LDR BIAS	62.624	63.925	1.3013
3	3	LDR BIAS	65.422	65.247	-0.1747
4	3	LDR BIAS	64.474	65.148	0.6746
5	3	LDR BIAS	64.118	64.335	0.2169
6	3	LDR UNBIAS	63.116	63.49	0.3743
7	3	LDR UNBIAS	65.612	66.106	0.4945
8	3	LDR UNBIAS	63.457	63.541	0.0842
9	3	LDR UNBIAS	63.341	63.089	-0.2526
10	3	LDR UNBIAS	63.224	63.367	0.1434
11	0	CORRELATION	66.263	65.357	-0.9055
12	0	CORRELATION	65.257	64.093	-1.1641
13	0	CORRELATION	64.209	67.641	3.4312
14	0	CORRELATION	63.94	66.074	2.1343
21	10	LDR BIAS	62.9	64.689	1.7897
22	10	LDR BIAS	62.624	67.804	5.1804
23	10	LDR BIAS	65.422	66.297	0.8749
24	10	LDR BIAS	64.474	66.403	1.9299
25	10	LDR BIAS	64.118	64.76	0.6417
26	10	LDR UNBIAS	63.116	68.193	5.0771
27	10	LDR UNBIAS	65.612	67.193	1.5818
28	10	LDR UNBIAS	63.457	66.238	2.7813
29	10	LDR UNBIAS	63.341	63.262	-0.0788
30	10	LDR UNBIAS	63.224	70.792	7.5676
31	20	LDR BIAS	62.9	63.788	0.8883
32	20	LDR BIAS	62.624	64.691	2.0674
33	20	LDR BIAS	65.422	67.552	2.1298
34	20	LDR BIAS	64.474	66.478	2.0049
35	20	LDR BIAS	64.118	66.216	2.0975
36	20	LDR UNBIAS	63.116	64.056	0.9406
37	20	LDR UNBIAS	65.612	68.205	2.5931
38	20	LDR UNBIAS	63.457	65.083	1.6267
39	20	LDR UNBIAS	63.341	64.613	1.2714
40	20	LDR UNBIAS	63.224	64.254	1.0295
41	30	LDR BIAS	62.9	64.456	1.5559
42	30	LDR BIAS	62.624	64.9	2.2759
43	30	LDR BIAS	65.422	67.284	1.8618
44	30	LDR BIAS	64.474	65.921	1.4479
45	30	LDR BIAS	64.118	66.308	2.1903
46	30	LDR UNBIAS	63.116	64.227	1.111
47	30	LDR UNBIAS	65.612	67.902	2.2908
48	30	LDR UNBIAS	63.457	65	1.543
49	30	LDR UNBIAS	63.341	63.981	0.64
50	30	LDR UNBIAS	63.224	65.056	1.8315
51	50	LDR BIAS	62.9	65.599	2.6989
52	50	LDR BIAS	62.624	66.798	4.1742
53	50	LDR BIAS	65.422	66.851	1.4287
54	50	LDR BIAS	64.474	67.645	3.1712
55	50	LDR BIAS	64.118	67.48	3.3619
56	50	LDR UNBIAS	63.116	66.41	3.2948
57	50	LDR UNBIAS	65.612	67.396	1.7841
58	50	LDR UNBIAS	63.457	65.751	2.2943
59	50	LDR UNBIAS	63.341	65.292	1.9508
60	50	LDR UNBIAS	63.224	67.29	4.0663
61	100	LDR BIAS	62.9	65.507	2.6067
62	100	LDR BIAS	62.624	66.277	3.6531
63	100	LDR BIAS	65.422	66.846	1.4237
64	100	LDR BIAS	64.474	66.736	2.2624
65	100	LDR BIAS	64.118	66.972	2.854
66	100	LDR UNBIAS	63.116	65.939	2.823
67	100	LDR UNBIAS	65.612	66.602	0.99
68	100	LDR UNBIAS	63.457	64.716	1.2591
69	100	LDR UNBIAS	63.341	64.389	1.0478
70	100	LDR UNBIAS	63.224	65.317	2.0931



Test Statistics (ns)

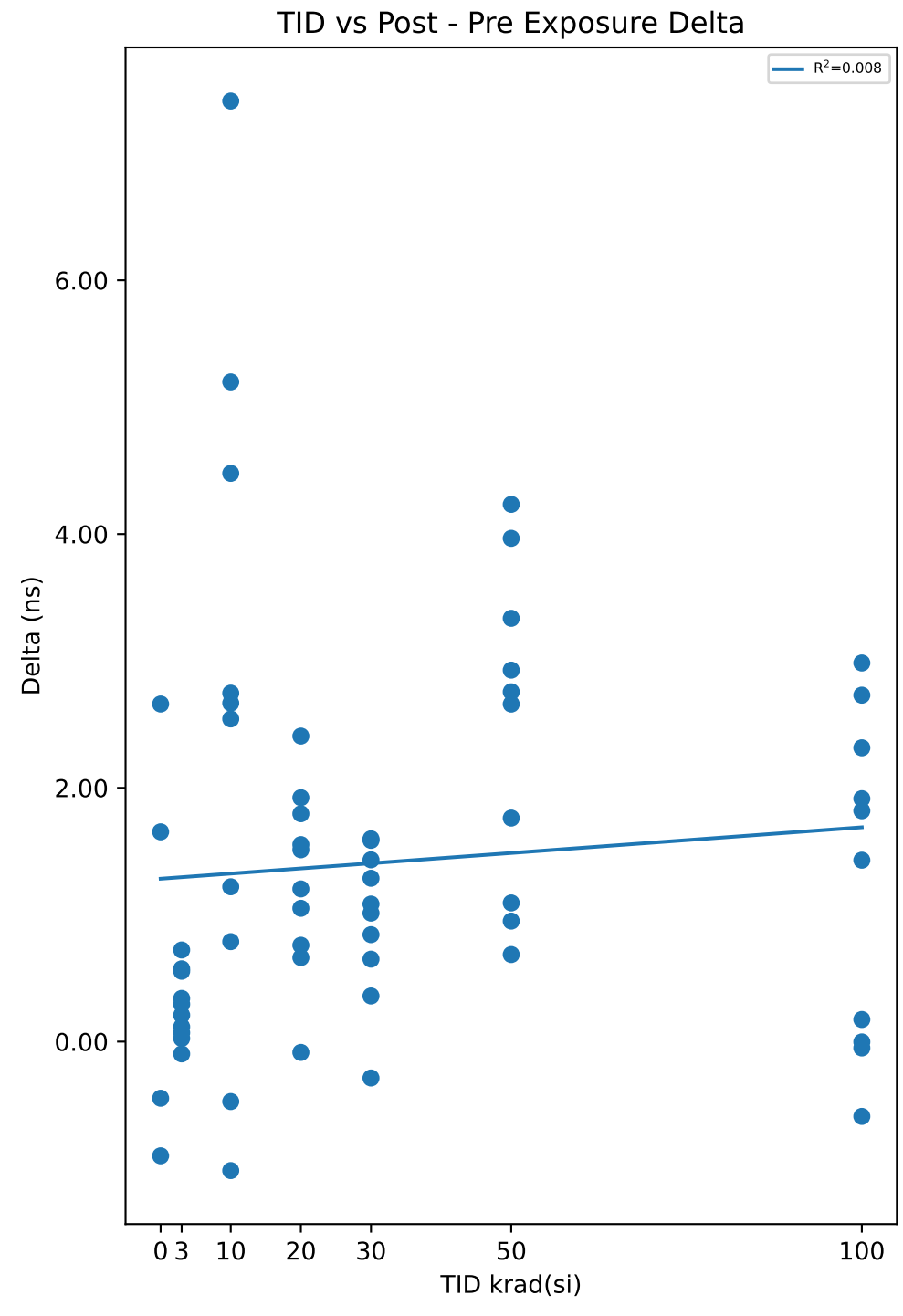
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.94	64.917	66.263	1.0618	64.093	65.791	67.641	1.4803	-1.1641	0.87398	3.4312	2.2692
3	62.624	63.829	65.612	1.0426	62.456	64.07	66.106	1.1287	-0.4441	0.24178	1.3013	0.50715
10	62.624	63.829	65.612	1.0426	63.262	66.563	70.792	2.1169	-0.0788	2.7346	7.5676	2.437
20	62.624	63.829	65.612	1.0426	63.788	65.494	68.205	1.534	0.8883	1.6649	2.5931	0.59909
30	62.624	63.829	65.612	1.0426	63.981	65.503	67.902	1.3171	0.64	1.6748	2.2908	0.53101
50	62.624	63.829	65.612	1.0426	65.292	66.651	67.645	0.85128	1.4287	2.8225	4.1742	0.94779
100	62.624	63.829	65.612	1.0426	64.389	65.93	66.972	0.91589	0.99	2.1013	3.6531	0.90001

Device Test: 28.23 TIMING|DELAY/CS/12/12/0/0/5/100kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

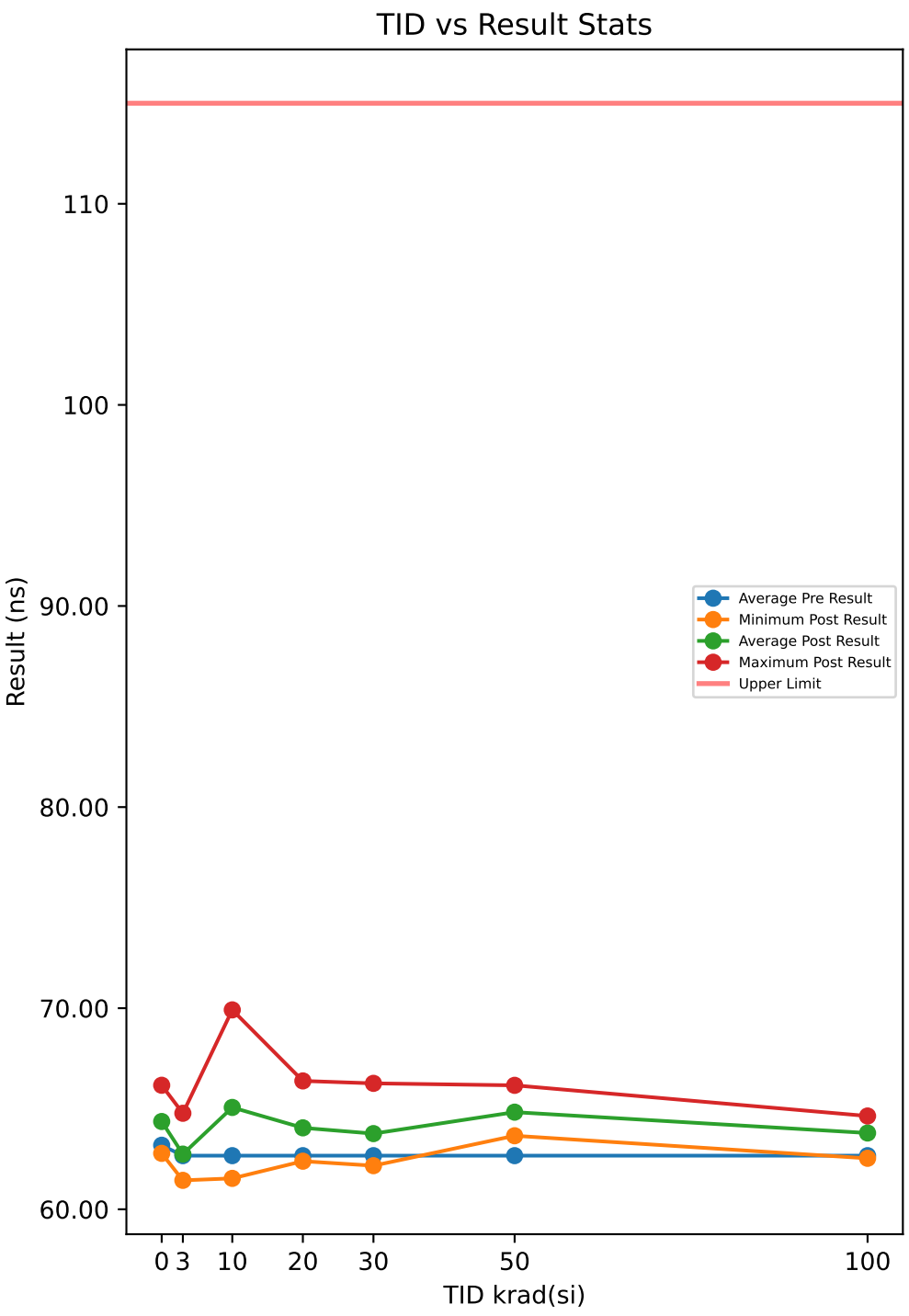
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	60.333	60.907	0.5737
2	3	LDR BIAS	60.716	61.012	0.2953
3	3	LDR BIAS	64.058	64.175	0.1169
4	3	LDR BIAS	62.99	63.2	0.2093
5	3	LDR BIAS	62.705	62.608	-0.0967
6	3	LDR UNBIAS	60.996	61.55	0.5545
7	3	LDR UNBIAS	64.31	64.65	0.3405
8	3	LDR UNBIAS	62.31	62.38	0.07
9	3	LDR UNBIAS	62.654	62.679	0.0254
10	3	LDR UNBIAS	61.746	62.469	0.7222
11	0	CORRELATION	63.7	62.8	-0.8997
12	0	CORRELATION	63.567	63.121	-0.4461
13	0	CORRELATION	62.757	65.417	2.6606
14	0	CORRELATION	62.114	63.767	1.6533
21	10	LDR BIAS	60.333	62.876	2.543
22	10	LDR BIAS	60.716	65.915	5.199
23	10	LDR BIAS	64.058	64.846	0.788
24	10	LDR BIAS	62.99	65.737	2.7463
25	10	LDR BIAS	62.705	62.233	-0.4722
26	10	LDR UNBIAS	60.996	65.474	4.4784
27	10	LDR UNBIAS	64.31	65.53	1.2204
28	10	LDR UNBIAS	62.31	64.978	2.6676
29	10	LDR UNBIAS	62.654	61.637	-1.0162
30	10	LDR UNBIAS	61.746	69.16	7.4135
31	20	LDR BIAS	60.333	61.536	1.2036
32	20	LDR BIAS	60.716	62.639	1.9225
33	20	LDR BIAS	64.058	65.57	1.5119
34	20	LDR BIAS	62.99	64.786	1.7958
35	20	LDR BIAS	62.705	63.367	0.6622
36	20	LDR UNBIAS	60.996	62.047	1.0507
37	20	LDR UNBIAS	64.31	66.718	2.408
38	20	LDR UNBIAS	62.31	63.863	1.5528
39	20	LDR UNBIAS	62.654	62.569	-0.085
40	20	LDR UNBIAS	61.746	62.506	0.7596
41	30	LDR BIAS	60.333	61.346	1.0128
42	30	LDR BIAS	60.716	62.149	1.4327
43	30	LDR BIAS	64.058	64.708	0.6499
44	30	LDR BIAS	62.99	64.075	1.0843
45	30	LDR BIAS	62.705	63.548	0.8429
46	30	LDR UNBIAS	60.996	62.283	1.2875
47	30	LDR UNBIAS	64.31	65.908	1.5982
48	30	LDR UNBIAS	62.31	62.67	0.3596
49	30	LDR UNBIAS	62.654	62.367	-0.2865
50	30	LDR UNBIAS	61.746	63.332	1.586
51	50	LDR BIAS	60.333	63.261	2.9277
52	50	LDR BIAS	60.716	64.95	4.234
53	50	LDR BIAS	64.058	64.744	0.6861
54	50	LDR BIAS	62.99	65.747	2.7569
55	50	LDR BIAS	62.705	65.365	2.6601
56	50	LDR UNBIAS	60.996	64.332	3.3361
57	50	LDR UNBIAS	64.31	65.26	0.9499
58	50	LDR UNBIAS	62.31	64.072	1.7615
59	50	LDR UNBIAS	62.654	63.746	1.093
60	50	LDR UNBIAS	61.746	65.713	3.9664
61	100	LDR BIAS	60.333	62.648	2.3156
62	100	LDR BIAS	60.716	63.7	2.9841
63	100	LDR BIAS	64.058	63.469	-0.5892
64	100	LDR BIAS	62.99	64.905	1.9146
65	100	LDR BIAS	62.705	64.135	1.4298
66	100	LDR UNBIAS	60.996	63.726	2.7304
67	100	LDR UNBIAS	64.31	64.308	-0.0023
68	100	LDR UNBIAS	62.31	62.261	-0.0498
69	100	LDR UNBIAS	62.654	62.828	0.1745
70	100	LDR UNBIAS	61.746	63.566	1.8195

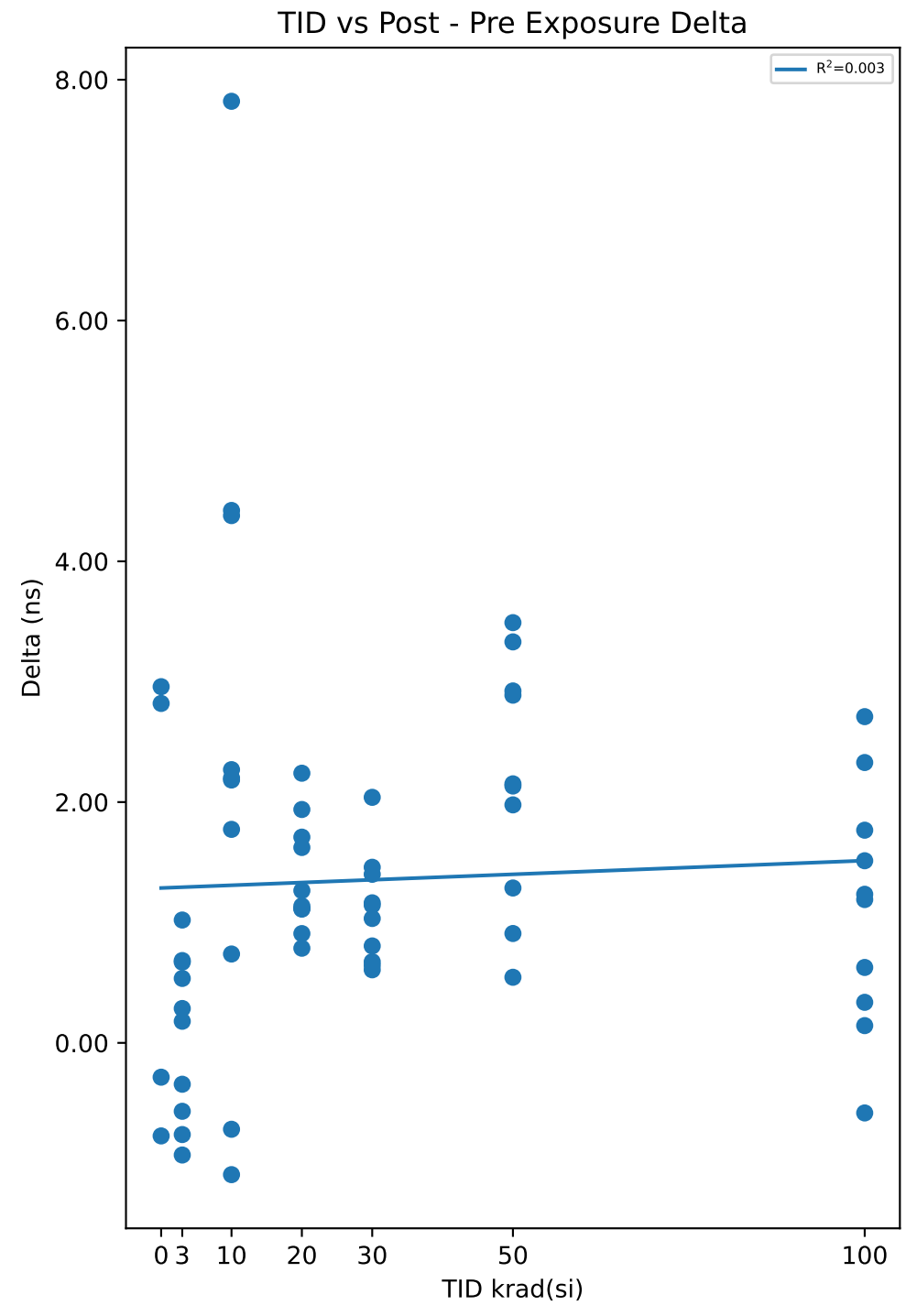


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.114	63.034	63.7	0.74189	62.8	63.776	65.417	1.1654	-0.8997	0.74202	2.6606	1.6949
3	60.333	62.282	64.31	1.3449	60.907	62.563	64.65	1.2291	-0.0967	0.28111	0.7222	0.26739
10	60.333	62.282	64.31	1.3449	61.637	64.839	69.16	2.1714	-1.0162	2.5568	7.4135	2.6069
20	60.333	62.282	64.31	1.3449	61.536	63.56	66.718	1.6658	-0.085	1.2782	2.408	0.71907
30	60.333	62.282	64.31	1.3449	61.346	63.239	65.908	1.3685	-0.2865	0.95674	1.5982	0.59368
50	60.333	62.282	64.31	1.3449	63.261	64.719	65.747	0.84661	0.6861	2.4372	4.234	1.2609
100	60.333	62.282	64.31	1.3449	62.261	63.555	64.905	0.80342	-0.5892	1.2727	2.9841	1.2877

Device Test: 28.24 TIMING|DELAY/CS/14/14/0/0/5/100kHz//@CS_ILIM_DELAY





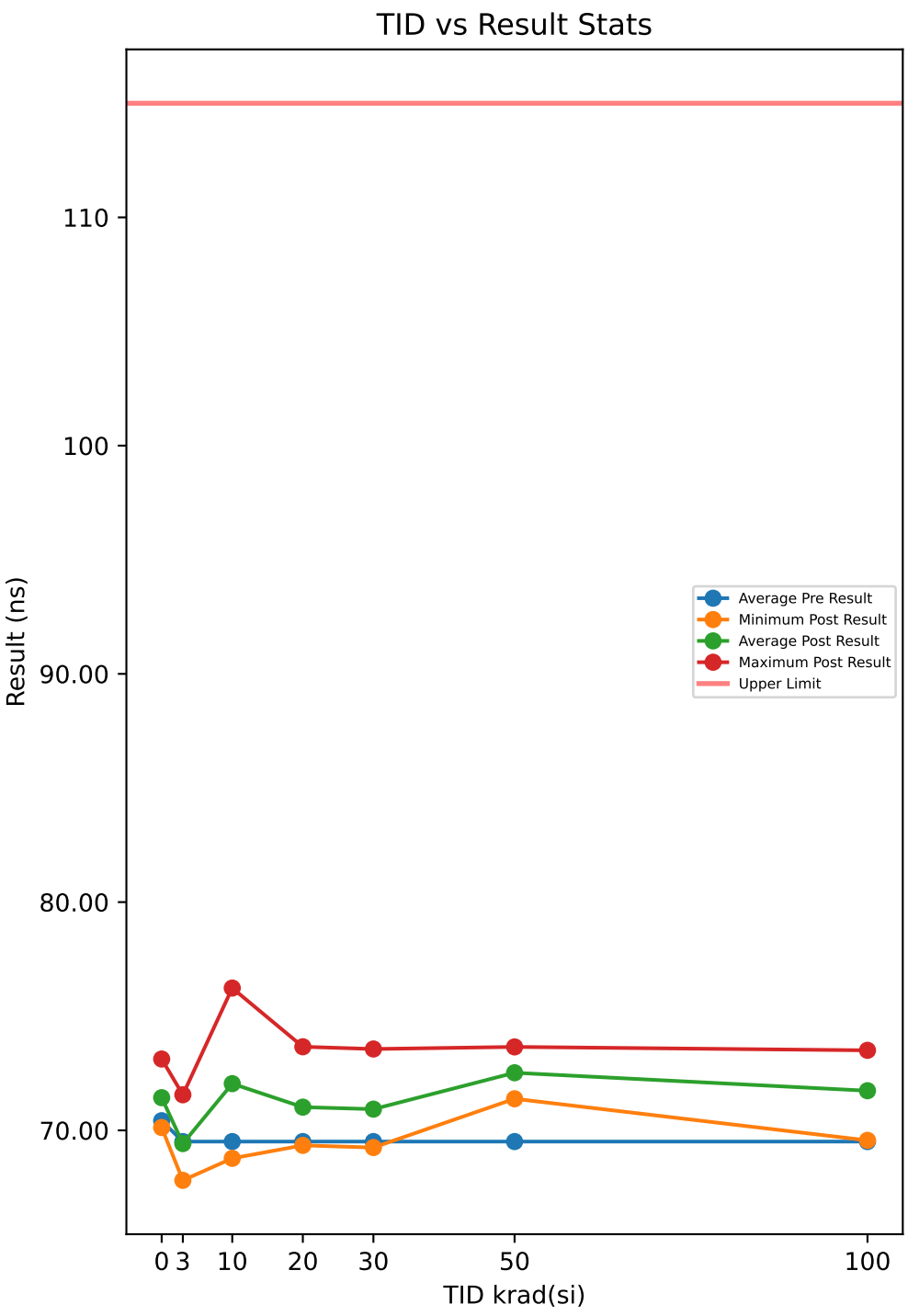
Test Results (Upper Limit = 115.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	60.768	61.439	0.6705
2	3	LDR BIAS	61.088	61.772	0.6837
3	3	LDR BIAS	63.502	64.522	1.0204
4	3	LDR BIAS	64.012	63.444	-0.5683
5	3	LDR BIAS	63.198	62.437	-0.7615
6	3	LDR UNBIAS	61.876	62.056	0.1796
7	3	LDR UNBIAS	65.118	64.774	-0.3436
8	3	LDR UNBIAS	62.377	62.662	0.2854
9	3	LDR UNBIAS	62.631	61.7	-0.9314
10	3	LDR UNBIAS	62.095	62.63	0.5352
11	0	CORRELATION	64.082	63.797	-0.285
12	0	CORRELATION	63.554	62.781	-0.7729
13	0	CORRELATION	63.209	66.167	2.9586
14	0	CORRELATION	61.896	64.715	2.8193
21	10	LDR BIAS	60.768	62.952	2.1834
22	10	LDR BIAS	61.088	65.468	4.3795
23	10	LDR BIAS	63.502	65.275	1.7734
24	10	LDR BIAS	64.012	66.213	2.2004
25	10	LDR BIAS	63.198	62.48	-0.7176
26	10	LDR UNBIAS	61.876	66.299	4.4224
27	10	LDR UNBIAS	65.118	65.856	0.7381
28	10	LDR UNBIAS	62.377	64.646	2.2695
29	10	LDR UNBIAS	62.631	61.536	-1.0945
30	10	LDR UNBIAS	62.095	69.916	7.8209
31	20	LDR BIAS	60.768	62.391	1.6229
32	20	LDR BIAS	61.088	63.027	1.9384
33	20	LDR BIAS	63.502	65.742	2.2398
34	20	LDR BIAS	64.012	65.123	1.1108
35	20	LDR BIAS	63.198	64.335	1.1368
36	20	LDR UNBIAS	61.876	62.993	1.1168
37	20	LDR UNBIAS	65.118	66.383	1.265
38	20	LDR UNBIAS	62.377	64.086	1.7089
39	20	LDR UNBIAS	62.631	63.417	0.7862
40	20	LDR UNBIAS	62.095	63.002	0.9077
41	30	LDR BIAS	60.768	62.168	1.4003
42	30	LDR BIAS	61.088	62.547	1.4587
43	30	LDR BIAS	63.502	65.541	2.0395
44	30	LDR BIAS	64.012	65.175	1.1633
45	30	LDR BIAS	63.198	63.872	0.6739
46	30	LDR UNBIAS	61.876	62.52	0.6439
47	30	LDR UNBIAS	65.118	66.262	1.1438
48	30	LDR UNBIAS	62.377	62.984	0.6069
49	30	LDR UNBIAS	62.631	63.436	0.8051
50	30	LDR UNBIAS	62.095	63.128	1.0332
51	50	LDR BIAS	60.768	63.656	2.888
52	50	LDR BIAS	61.088	64.579	3.4905
53	50	LDR BIAS	63.502	64.41	0.9084
54	50	LDR BIAS	64.012	66.164	2.1516
55	50	LDR BIAS	63.198	65.175	1.9769
56	50	LDR UNBIAS	61.876	64.8	2.9232
57	50	LDR UNBIAS	65.118	65.663	0.5449
58	50	LDR UNBIAS	62.377	63.663	1.2864
59	50	LDR UNBIAS	62.631	64.764	2.1334
60	50	LDR UNBIAS	62.095	65.425	3.3306
61	100	LDR BIAS	60.768	62.535	1.7665
62	100	LDR BIAS	61.088	63.798	2.7097
63	100	LDR BIAS	63.502	63.645	0.1433
64	100	LDR BIAS	64.012	64.638	0.6264
65	100	LDR BIAS	63.198	64.432	1.2344
66	100	LDR UNBIAS	61.876	64.205	2.3286
67	100	LDR UNBIAS	65.118	64.536	-0.5821
68	100	LDR UNBIAS	62.377	62.714	0.3369
69	100	LDR UNBIAS	62.631	63.821	1.1904
70	100	LDR UNBIAS	62.095	63.608	1.5128

Test Statistics (ns)

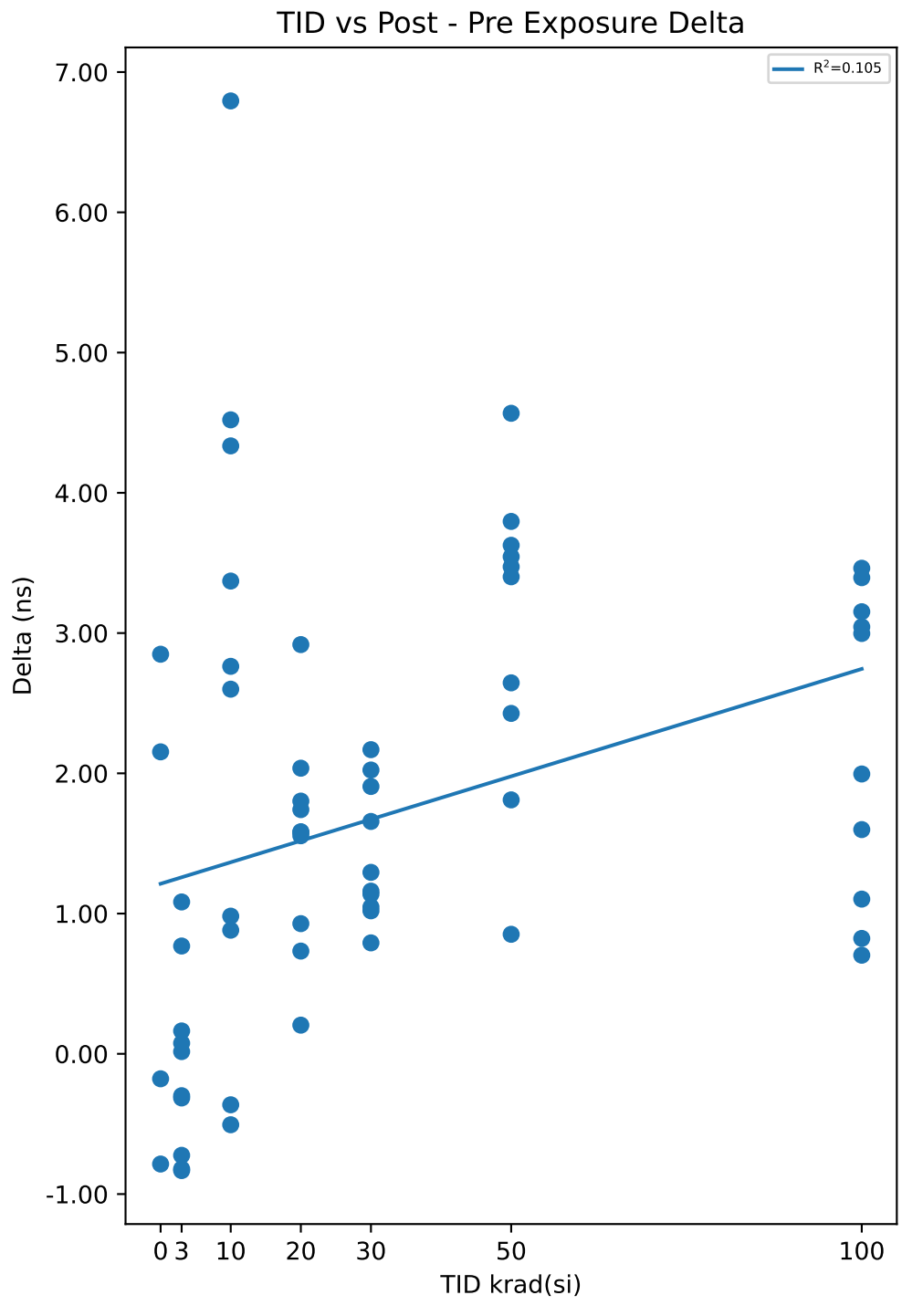
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	61.896	63.185	64.082	0.93144	62.781	64.365	66.167	1.4378	-0.7729	1.18	2.9586	1.9842
3	60.768	62.667	65.118	1.3305	61.439	62.744	64.774	1.1596	-0.9314	0.077	1.0204	0.68211
10	60.768	62.667	65.118	1.3305	61.536	65.064	69.916	2.3799	-1.0945	2.3976	7.8209	2.637
20	60.768	62.667	65.118	1.3305	62.391	64.05	66.383	1.3313	0.7862	1.3833	2.2398	0.47234
30	60.768	62.667	65.118	1.3305	62.168	63.763	66.262	1.418	0.6069	1.0969	2.0395	0.45111
50	60.768	62.667	65.118	1.3305	63.656	64.83	66.164	0.81173	0.5449	2.1634	3.4905	1.0124
100	60.768	62.667	65.118	1.3305	62.535	63.793	64.638	0.71888	-0.5821	1.1267	2.7097	1.0157

Device Test: 28.25 TIMING|DELAY/CS/4.5/4.5/0/0/4.5/500kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

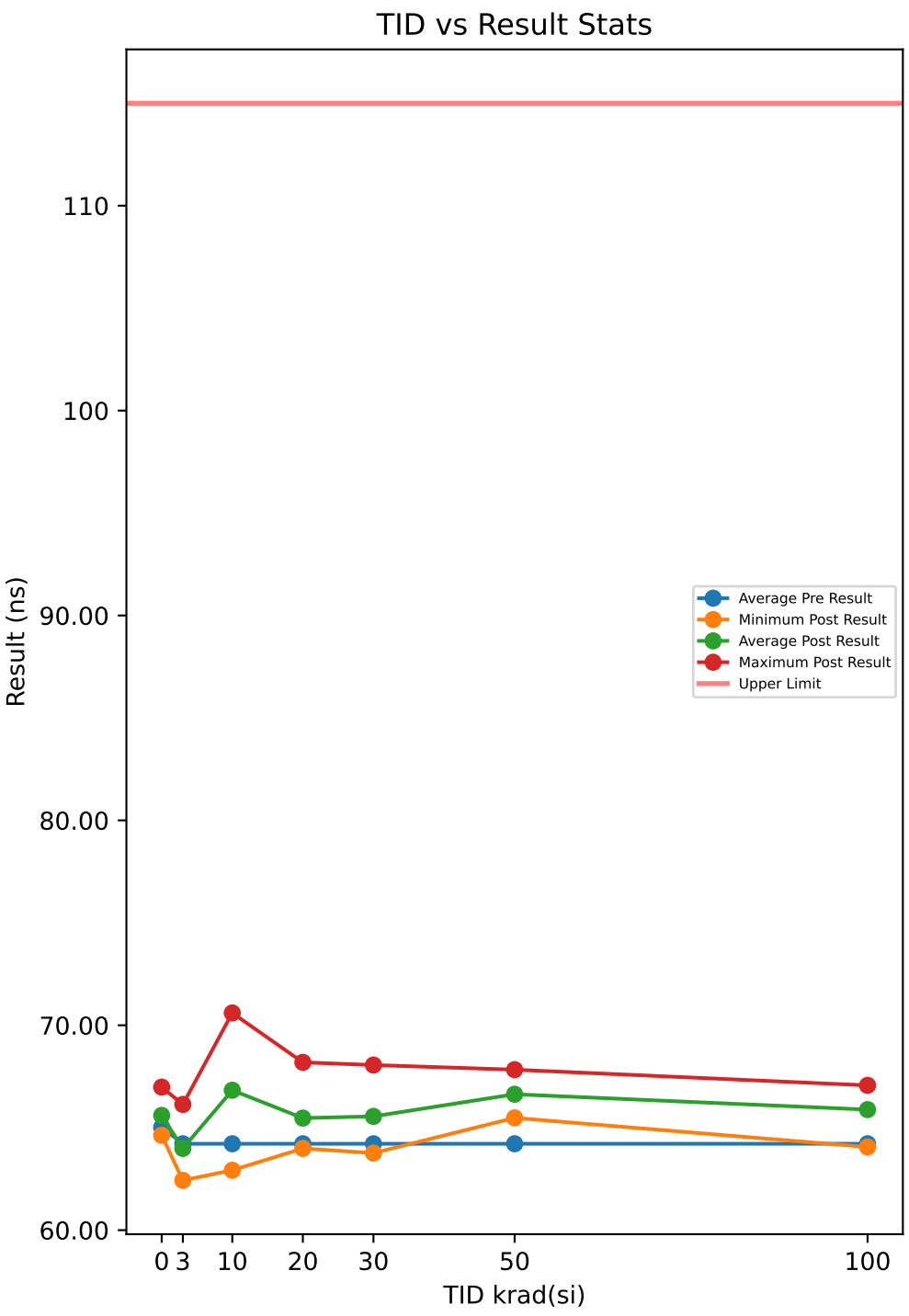
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	68.108	67.81	-0.2986
2	3	LDR BIAS	68.61	68.626	0.016
3	3	LDR BIAS	71.626	70.793	-0.8324
4	3	LDR BIAS	69.631	70.714	1.0828
5	3	LDR BIAS	70.111	69.797	-0.3147
6	3	LDR UNBIAS	68.288	69.057	0.7687
7	3	LDR UNBIAS	71.396	71.559	0.1632
8	3	LDR UNBIAS	68.738	68.814	0.0759
9	3	LDR UNBIAS	69.137	68.317	-0.8205
10	3	LDR UNBIAS	69.441	68.717	-0.7237
11	0	CORRELATION	71.085	70.907	-0.178
12	0	CORRELATION	70.91	70.124	-0.7858
13	0	CORRELATION	70.972	73.125	2.1531
14	0	CORRELATION	68.722	71.571	2.8492
21	10	LDR BIAS	68.108	70.871	2.7628
22	10	LDR BIAS	68.61	73.131	4.5205
23	10	LDR BIAS	71.626	72.608	0.9817
24	10	LDR BIAS	69.631	73.002	3.3709
25	10	LDR BIAS	70.111	69.606	-0.5057
26	10	LDR UNBIAS	68.288	72.623	4.3347
27	10	LDR UNBIAS	71.396	72.277	0.8815
28	10	LDR UNBIAS	68.738	71.338	2.6
29	10	LDR UNBIAS	69.137	68.774	-0.3634
30	10	LDR UNBIAS	69.441	76.235	6.7942
31	20	LDR BIAS	68.108	69.85	1.7413
32	20	LDR BIAS	68.61	70.19	1.5794
33	20	LDR BIAS	71.626	73.662	2.0366
34	20	LDR BIAS	69.631	72.549	2.9179
35	20	LDR BIAS	70.111	70.844	0.7326
36	20	LDR UNBIAS	68.288	70.09	1.802
37	20	LDR UNBIAS	71.396	72.979	1.5837
38	20	LDR UNBIAS	68.738	70.293	1.555
39	20	LDR UNBIAS	69.137	69.342	0.2045
40	20	LDR UNBIAS	69.441	70.369	0.9282
41	30	LDR BIAS	68.108	69.247	1.1388
42	30	LDR BIAS	68.61	69.904	1.2939
43	30	LDR BIAS	71.626	72.673	1.047
44	30	LDR BIAS	69.631	71.537	1.9062
45	30	LDR BIAS	70.111	71.768	1.6569
46	30	LDR UNBIAS	68.288	70.312	2.0236
47	30	LDR UNBIAS	71.396	73.564	2.1687
48	30	LDR UNBIAS	68.738	69.758	1.0197
49	30	LDR UNBIAS	69.137	69.928	0.7911
50	30	LDR UNBIAS	69.441	70.601	1.16
51	50	LDR BIAS	68.108	71.734	3.6259
52	50	LDR BIAS	68.61	73.177	4.5671
53	50	LDR BIAS	71.626	72.478	0.8523
54	50	LDR BIAS	69.631	73.427	3.7961
55	50	LDR BIAS	70.111	73.656	3.5445
56	50	LDR UNBIAS	68.288	71.761	3.4726
57	50	LDR UNBIAS	71.396	73.206	1.8107
58	50	LDR UNBIAS	68.738	71.383	2.6451
59	50	LDR UNBIAS	69.137	71.565	2.4272
60	50	LDR UNBIAS	69.441	72.842	3.4014
61	100	LDR BIAS	68.108	71.105	2.9971
62	100	LDR BIAS	68.61	72.073	3.4623
63	100	LDR BIAS	71.626	72.729	1.1032
64	100	LDR BIAS	69.631	72.675	3.0442
65	100	LDR BIAS	70.111	73.506	3.395
66	100	LDR UNBIAS	68.288	71.441	3.1522
67	100	LDR UNBIAS	71.396	72.099	0.7032
68	100	LDR UNBIAS	68.738	69.561	0.8227
69	100	LDR UNBIAS	69.137	70.736	1.5988
70	100	LDR UNBIAS	69.441	71.436	1.9953

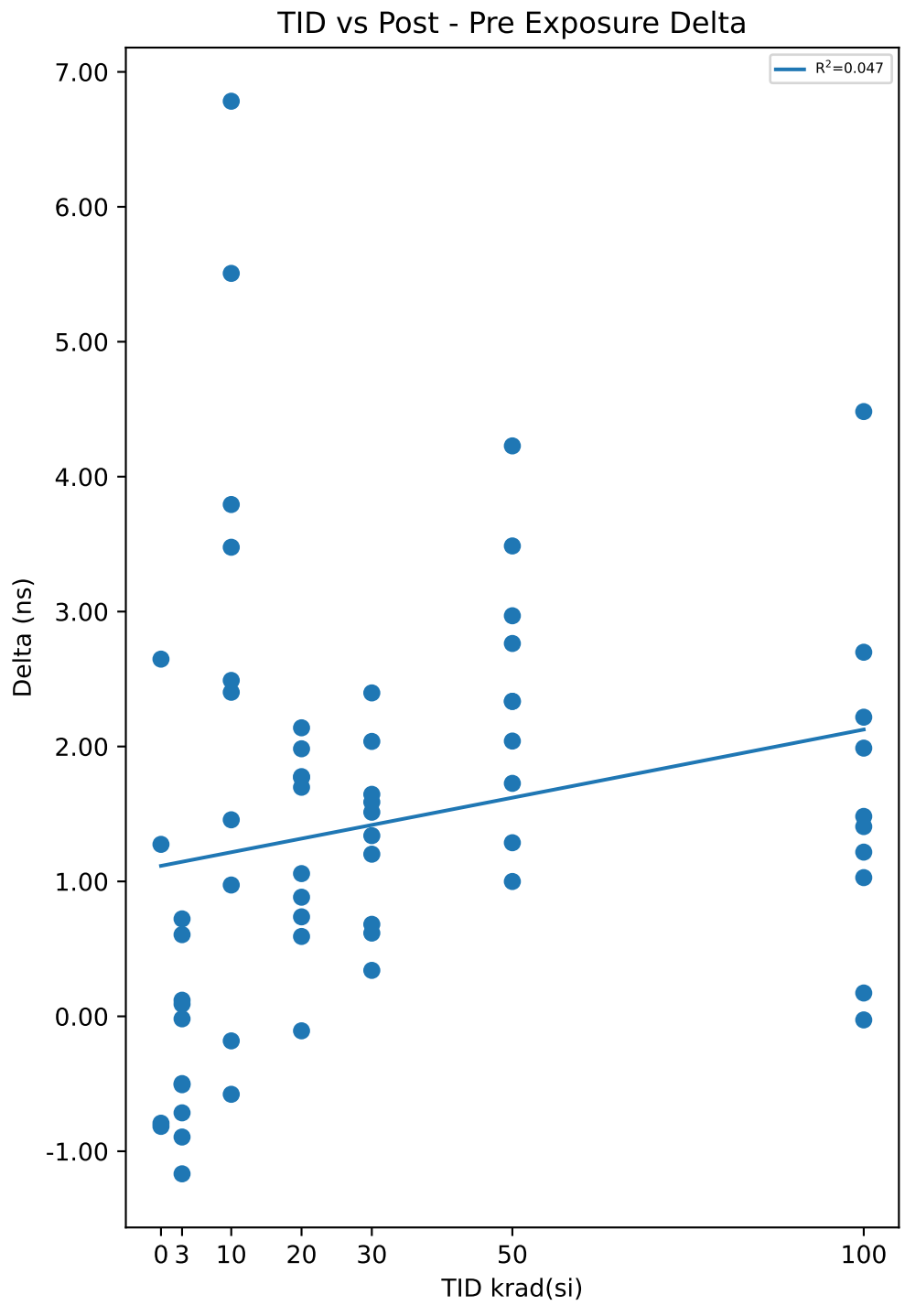


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	68.722	70.422	71.085	1.1359	70.124	71.432	73.125	1.2743	-0.7858	1.0096	2.8492	1.7631
3	68.108	69.509	71.626	1.2209	67.81	69.42	71.559	1.2343	-0.8324	-0.08833	1.0828	0.64945
10	68.108	69.509	71.626	1.2209	68.774	72.046	76.235	2.0785	-0.5057	2.5377	6.7942	2.3302
20	68.108	69.509	71.626	1.2209	69.342	71.017	73.662	1.4863	0.2045	1.5081	2.9179	0.74964
30	68.108	69.509	71.626	1.2209	69.247	70.929	73.564	1.4064	0.7911	1.4206	2.1687	0.48014
50	68.108	69.509	71.626	1.2209	71.383	72.523	73.656	0.85118	0.8523	3.0143	4.5671	1.0874
100	68.108	69.509	71.626	1.2209	69.561	71.736	73.506	1.133	0.7032	2.2274	3.4623	1.1062

Device Test: 28.26 TIMING|DELAY/CS/5/5/0/0/5/500kHz//@CS_ILIM_DELAY





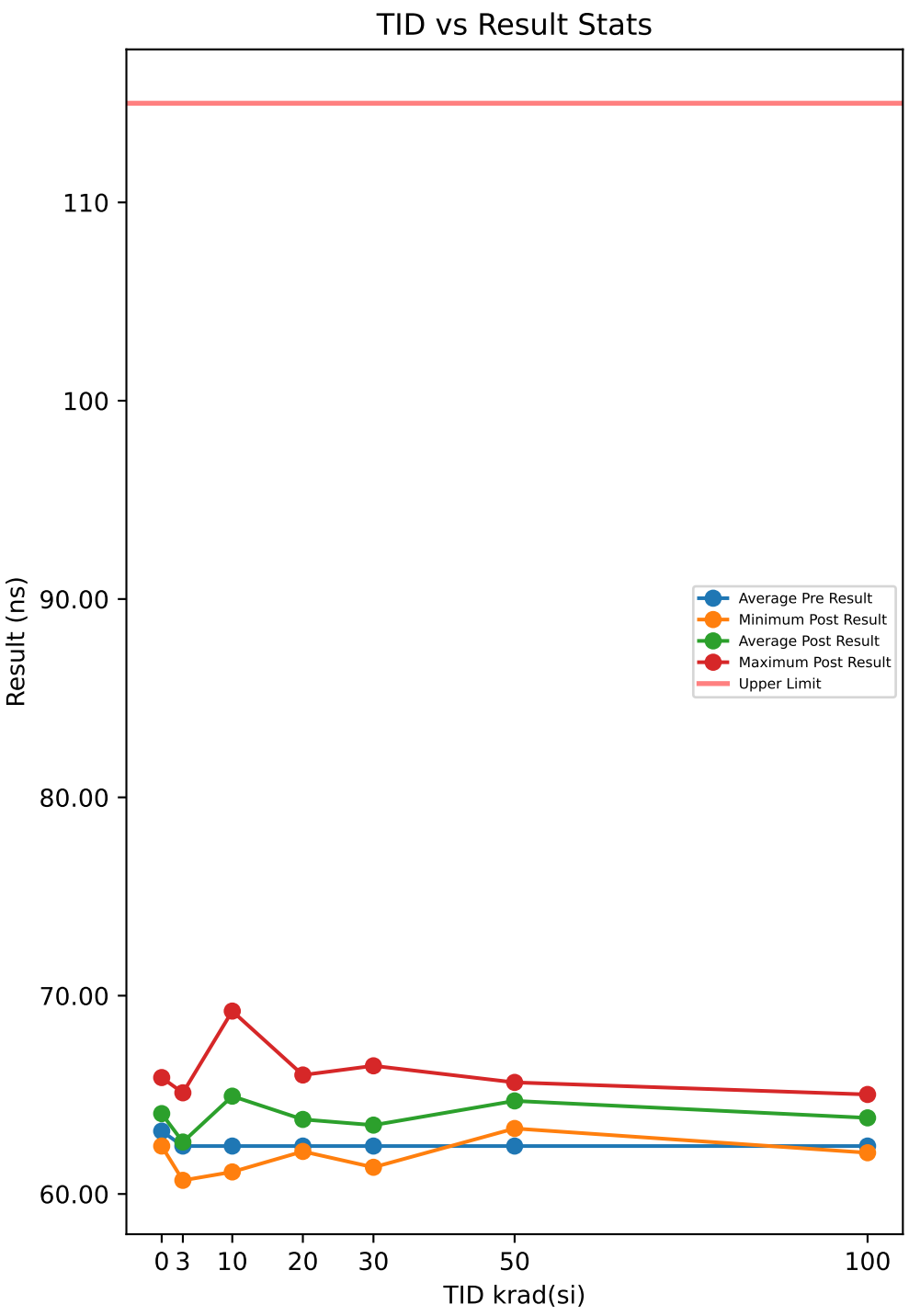
Test Results (Upper Limit = 115.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	63.146	62.431	-0.7153
2	3	LDR BIAS	62.47	63.192	0.7222
3	3	LDR BIAS	65.531	66.137	0.6054
4	3	LDR BIAS	64.346	64.437	0.0907
5	3	LDR BIAS	65.079	64.184	-0.8946
6	3	LDR UNBIAS	64.172	63.004	-1.1673
7	3	LDR UNBIAS	66.413	65.906	-0.5069
8	3	LDR UNBIAS	64.085	64.205	0.1194
9	3	LDR UNBIAS	63.106	63.088	-0.0186
10	3	LDR UNBIAS	63.818	63.32	-0.4985
11	0	CORRELATION	65.582	64.766	-0.8157
12	0	CORRELATION	65.422	64.629	-0.7922
13	0	CORRELATION	65.706	66.981	1.2746
14	0	CORRELATION	63.37	66.018	2.6475
21	10	LDR BIAS	63.146	65.548	2.4019
22	10	LDR BIAS	62.47	67.976	5.5066
23	10	LDR BIAS	65.531	66.988	1.4566
24	10	LDR BIAS	64.346	67.823	3.4768
25	10	LDR BIAS	65.079	64.501	-0.5779
26	10	LDR UNBIAS	64.172	67.965	3.7934
27	10	LDR UNBIAS	66.413	67.387	0.9733
28	10	LDR UNBIAS	64.085	66.575	2.4896
29	10	LDR UNBIAS	63.106	62.925	-0.182
30	10	LDR UNBIAS	63.818	70.601	6.7826
31	20	LDR BIAS	63.146	64.844	1.6978
32	20	LDR BIAS	62.47	64.608	2.1385
33	20	LDR BIAS	65.531	67.302	1.7706
34	20	LDR BIAS	64.346	66.329	1.983
35	20	LDR BIAS	65.079	66.137	1.0579
36	20	LDR UNBIAS	64.172	64.064	-0.1074
37	20	LDR UNBIAS	66.413	68.19	1.7766
38	20	LDR UNBIAS	64.085	64.823	0.7374
39	20	LDR UNBIAS	63.106	63.989	0.883
40	20	LDR UNBIAS	63.818	64.41	0.592
41	30	LDR BIAS	63.146	63.763	0.617
42	30	LDR BIAS	62.47	64.507	2.0376
43	30	LDR BIAS	65.531	67.119	1.5877
44	30	LDR BIAS	64.346	66.743	2.3971
45	30	LDR BIAS	65.079	66.418	1.3392
46	30	LDR UNBIAS	64.172	64.854	0.682
47	30	LDR UNBIAS	66.413	68.059	1.6454
48	30	LDR UNBIAS	64.085	64.426	0.3406
49	30	LDR UNBIAS	63.106	64.619	1.5129
50	30	LDR UNBIAS	63.818	65.02	1.2018
51	50	LDR BIAS	63.146	65.48	2.334
52	50	LDR BIAS	62.47	66.698	4.228
53	50	LDR BIAS	65.531	66.818	1.2867
54	50	LDR BIAS	64.346	67.833	3.4863
55	50	LDR BIAS	65.079	67.413	2.3348
56	50	LDR UNBIAS	64.172	66.212	2.0402
57	50	LDR UNBIAS	66.413	67.413	0.9994
58	50	LDR UNBIAS	64.085	65.812	1.7267
59	50	LDR UNBIAS	63.106	66.075	2.9689
60	50	LDR UNBIAS	63.818	66.582	2.7635
61	100	LDR BIAS	63.146	65.363	2.2171
62	100	LDR BIAS	62.47	66.952	4.4823
63	100	LDR BIAS	65.531	66.749	1.2171
64	100	LDR BIAS	64.346	67.045	2.6986
65	100	LDR BIAS	65.079	67.067	1.9879
66	100	LDR UNBIAS	64.172	65.2	1.0281
67	100	LDR UNBIAS	66.413	66.586	0.1729
68	100	LDR UNBIAS	64.085	64.059	-0.0266
69	100	LDR UNBIAS	63.106	64.513	1.4064
70	100	LDR UNBIAS	63.818	65.3	1.4818

Test Statistics (ns)

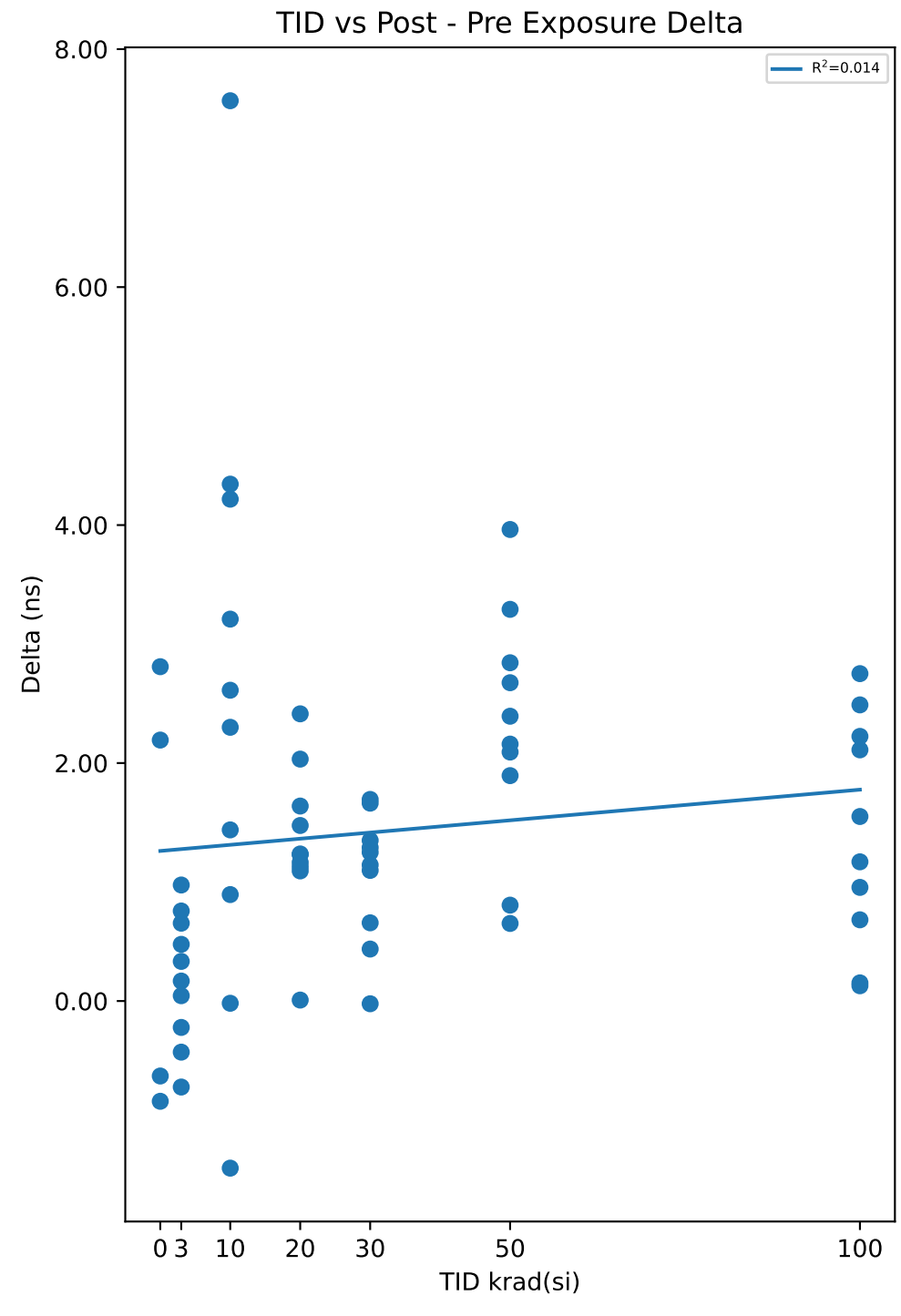
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.37	65.02	65.706	1.1057	64.629	65.598	66.981	1.1133	-0.8157	0.57855	2.6475	1.6919
3	62.47	64.217	66.413	1.1983	62.431	63.99	66.137	1.2413	-1.1673	-0.22635	0.7222	0.63057
10	62.47	64.217	66.413	1.1983	62.925	66.829	70.601	2.1221	-0.5779	2.6121	6.7826	2.3565
20	62.47	64.217	66.413	1.1983	63.989	65.47	68.19	1.4446	-0.1074	1.2529	2.1385	0.72918
30	62.47	64.217	66.413	1.1983	63.763	65.553	68.059	1.4185	0.3406	1.3361	2.3971	0.64654
50	62.47	64.217	66.413	1.1983	65.48	66.634	67.833	0.75934	0.9994	2.4169	4.228	0.98698
100	62.47	64.217	66.413	1.1983	64.059	65.883	67.067	1.1264	-0.0266	1.6666	4.4823	1.3

Device Test: 28.27 TIMING|DELAY/CS/12/12/0/0/5/500kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

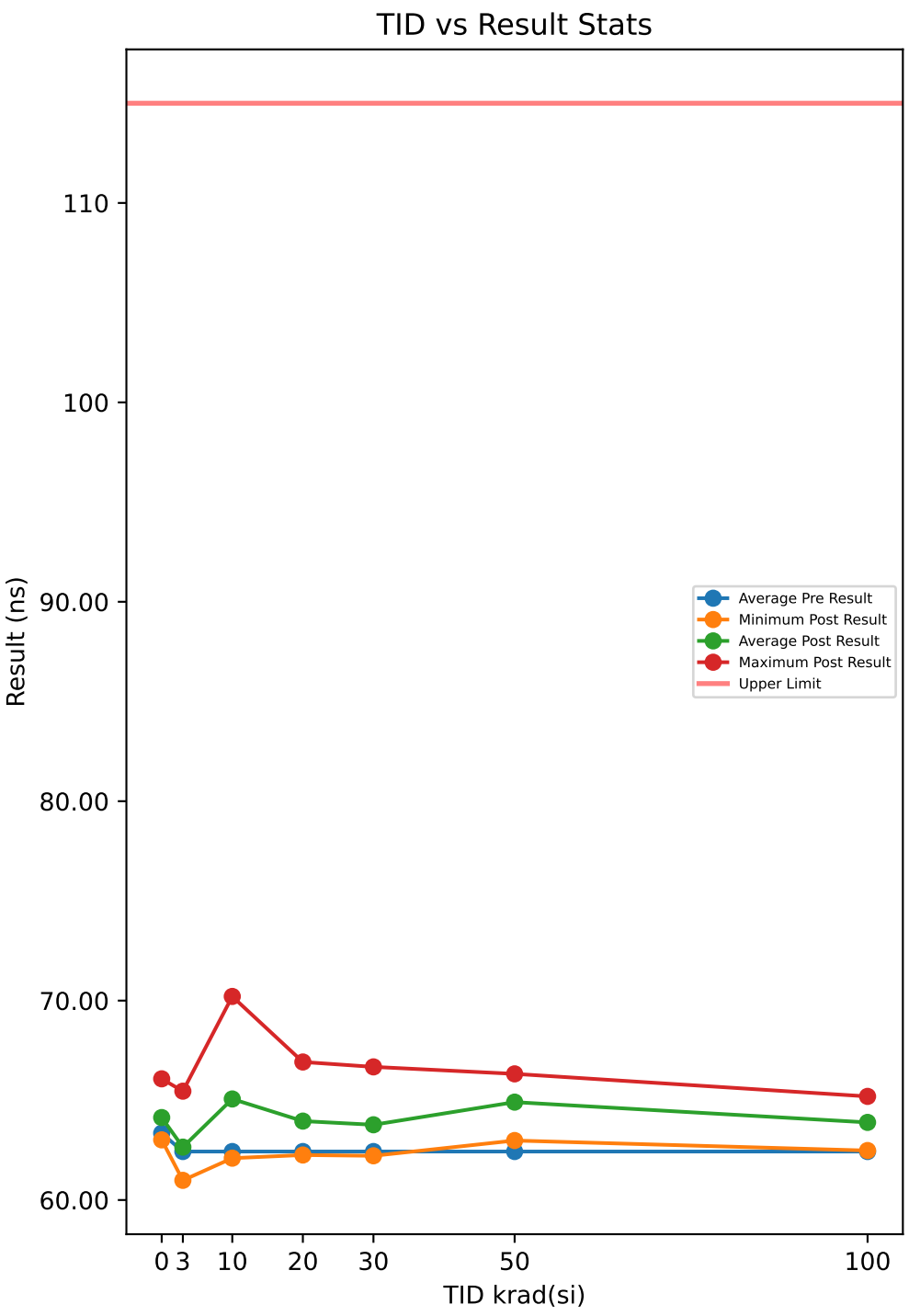
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	60.909	60.687	-0.2218
2	3	LDR BIAS	61.547	61.715	0.168
3	3	LDR BIAS	63.277	64.033	0.7567
4	3	LDR BIAS	63.467	63.943	0.4764
5	3	LDR BIAS	62.197	63.173	0.9751
6	3	LDR UNBIAS	61.666	61.711	0.0448
7	3	LDR UNBIAS	64.768	65.102	0.3332
8	3	LDR UNBIAS	62.161	61.731	-0.4295
9	3	LDR UNBIAS	62.516	61.794	-0.7228
10	3	LDR UNBIAS	61.656	62.311	0.6543
11	0	CORRELATION	64.36	63.517	-0.8425
12	0	CORRELATION	63.047	62.417	-0.6301
13	0	CORRELATION	63.06	65.87	2.8098
14	0	CORRELATION	62.213	64.407	2.1932
21	10	LDR BIAS	60.909	63.521	2.612
22	10	LDR BIAS	61.547	65.765	4.2177
23	10	LDR BIAS	63.277	64.715	1.4383
24	10	LDR BIAS	63.467	66.677	3.2097
25	10	LDR BIAS	62.197	62.179	-0.0188
26	10	LDR UNBIAS	61.666	66.01	4.344
27	10	LDR UNBIAS	64.768	65.663	0.8947
28	10	LDR UNBIAS	62.161	64.461	2.3005
29	10	LDR UNBIAS	62.516	61.112	-1.4044
30	10	LDR UNBIAS	61.656	69.223	7.5663
31	20	LDR BIAS	60.909	62.145	1.236
32	20	LDR BIAS	61.547	62.712	1.1649
33	20	LDR BIAS	63.277	65.69	2.4137
34	20	LDR BIAS	63.467	65.5	2.0331
35	20	LDR BIAS	62.197	63.326	1.1287
36	20	LDR UNBIAS	61.666	62.76	1.0934
37	20	LDR UNBIAS	64.768	66	1.2313
38	20	LDR UNBIAS	62.161	63.8	1.6386
39	20	LDR UNBIAS	62.516	62.524	0.0081
40	20	LDR UNBIAS	61.656	63.132	1.4752
41	30	LDR BIAS	60.909	61.346	0.4369
42	30	LDR BIAS	61.547	62.837	1.2898
43	30	LDR BIAS	63.277	64.627	1.3499
44	30	LDR BIAS	63.467	64.124	0.6573
45	30	LDR BIAS	62.197	63.447	1.2495
46	30	LDR UNBIAS	61.666	62.81	1.1436
47	30	LDR UNBIAS	64.768	66.463	1.6942
48	30	LDR UNBIAS	62.161	63.259	1.0978
49	30	LDR UNBIAS	62.516	62.493	-0.0229
50	30	LDR UNBIAS	61.656	63.319	1.6629
51	50	LDR BIAS	60.909	63.303	2.3936
52	50	LDR BIAS	61.547	64.39	2.8429
53	50	LDR BIAS	63.277	64.082	0.8058
54	50	LDR BIAS	63.467	65.626	2.1593
55	50	LDR BIAS	62.197	64.873	2.6752
56	50	LDR UNBIAS	61.666	64.958	3.2918
57	50	LDR UNBIAS	64.768	65.42	0.652
58	50	LDR UNBIAS	62.161	64.055	1.8943
59	50	LDR UNBIAS	62.516	64.609	2.0924
60	50	LDR UNBIAS	61.656	65.619	3.9629
61	100	LDR BIAS	60.909	62.079	1.17
62	100	LDR BIAS	61.547	64.298	2.7515
63	100	LDR BIAS	63.277	63.959	0.6826
64	100	LDR BIAS	63.467	65.018	1.5508
65	100	LDR BIAS	62.197	64.686	2.4889
66	100	LDR UNBIAS	61.666	63.891	2.2241
67	100	LDR UNBIAS	64.768	64.921	0.1526
68	100	LDR UNBIAS	62.161	62.289	0.1284
69	100	LDR UNBIAS	62.516	63.471	0.9551
70	100	LDR UNBIAS	61.656	63.767	2.1109



Test Statistics (ns)

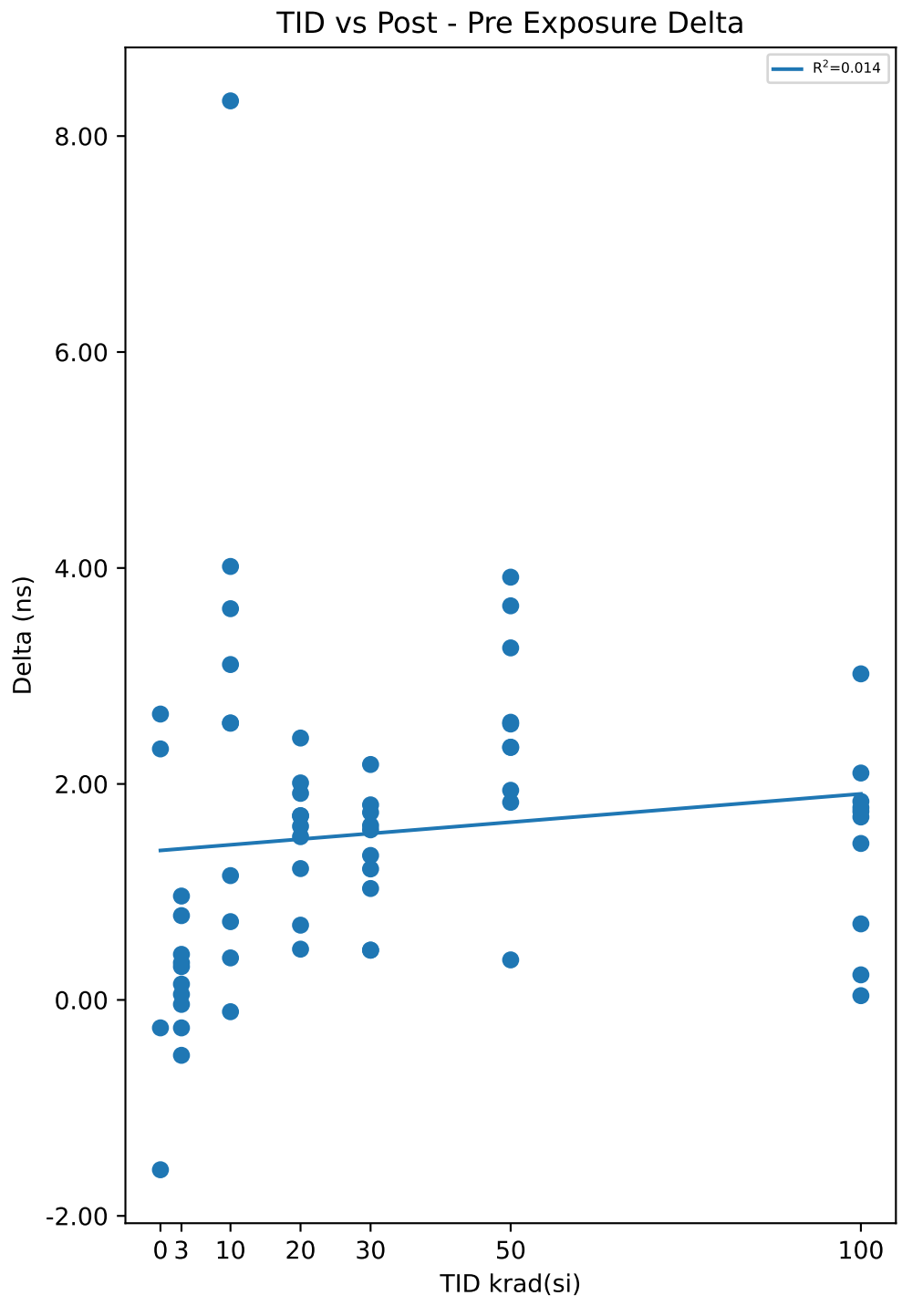
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.213	63.17	64.36	0.88652	62.417	64.053	65.87	1.4595	-0.8425	0.8826	2.8098	1.8882
3	60.909	62.417	64.768	1.1386	60.687	62.62	65.102	1.3809	-0.7228	0.20344	0.9751	0.54385
10	60.909	62.417	64.768	1.1386	61.112	64.933	69.223	2.3161	-1.4044	2.516	7.5663	2.5356
20	60.909	62.417	64.768	1.1386	62.145	63.759	66	1.4372	0.0081	1.3423	2.4137	0.63886
30	60.909	62.417	64.768	1.1386	61.346	63.472	66.463	1.3781	-0.0229	1.0559	1.6942	0.54465
50	60.909	62.417	64.768	1.1386	63.303	64.694	65.626	0.75811	0.652	2.277	3.9629	1.02
100	60.909	62.417	64.768	1.1386	62.079	63.838	65.018	1.0081	0.1284	1.4215	2.7515	0.9518

Device Test: 28.28 TIMING|DELAY/CS/14/14/0/0/5/500kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

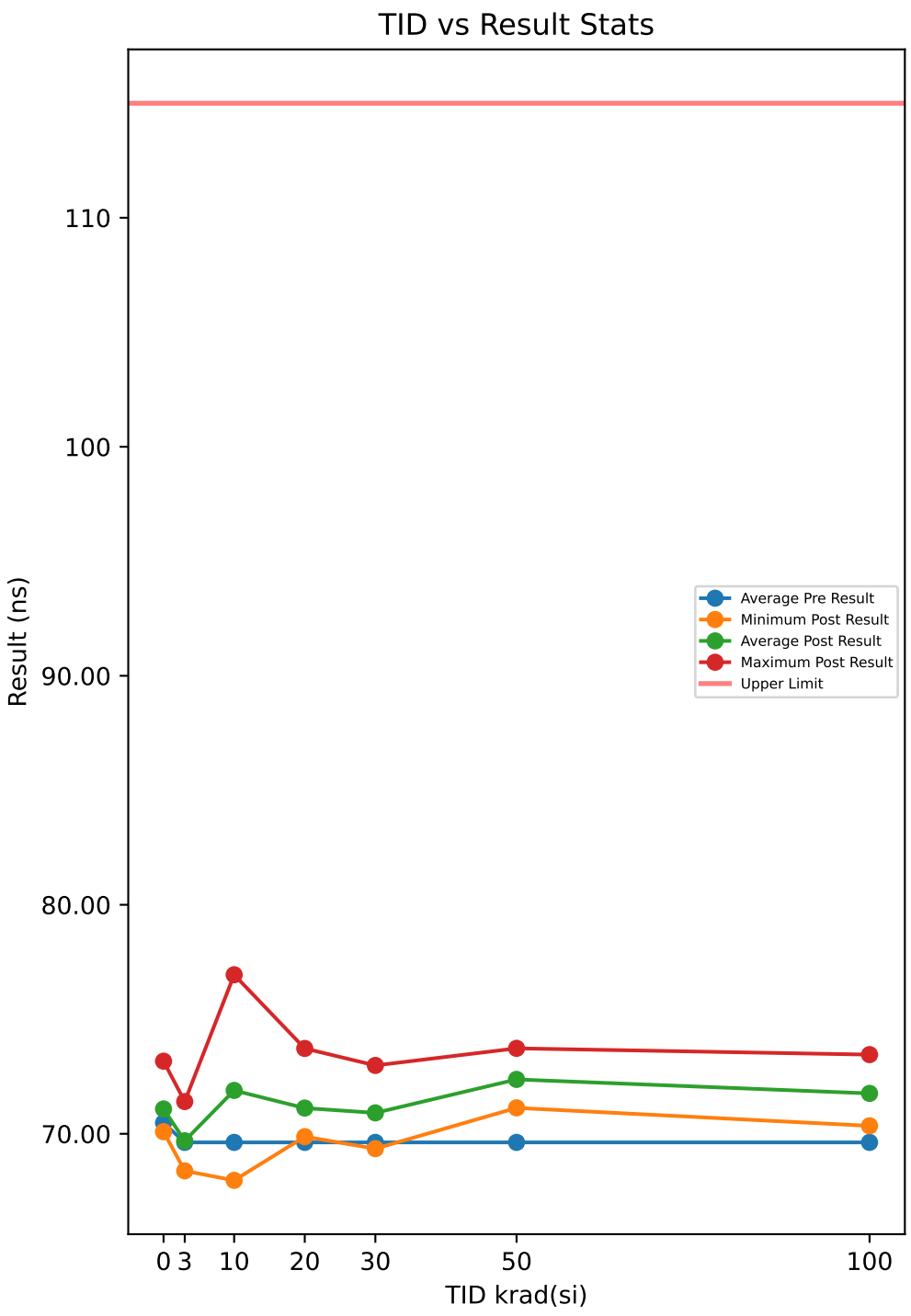
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	60.642	60.986	0.3438
2	3	LDR BIAS	61.565	61.052	-0.513
3	3	LDR BIAS	64.056	63.797	-0.2588
4	3	LDR BIAS	63.095	63.404	0.3086
5	3	LDR BIAS	63.206	63.165	-0.0413
6	3	LDR UNBIAS	61.85	61.901	0.0513
7	3	LDR UNBIAS	64.496	65.458	0.9619
8	3	LDR UNBIAS	61.814	62.595	0.7807
9	3	LDR UNBIAS	61.709	62.131	0.4219
10	3	LDR UNBIAS	61.883	62.029	0.1464
11	0	CORRELATION	64.589	63.016	-1.5728
12	0	CORRELATION	63.561	63.303	-0.2587
13	0	CORRELATION	63.43	66.078	2.6473
14	0	CORRELATION	61.819	64.144	2.3246
21	10	LDR BIAS	60.642	63.208	2.5653
22	10	LDR BIAS	61.565	65.579	4.0142
23	10	LDR BIAS	64.056	65.207	1.1513
24	10	LDR BIAS	63.095	66.201	3.106
25	10	LDR BIAS	63.206	63.097	-0.1091
26	10	LDR UNBIAS	61.85	65.473	3.6232
27	10	LDR UNBIAS	64.496	65.221	0.725
28	10	LDR UNBIAS	61.814	64.376	2.5623
29	10	LDR UNBIAS	61.709	62.098	0.3891
30	10	LDR UNBIAS	61.883	70.209	8.326
31	20	LDR BIAS	60.642	62.346	1.704
32	20	LDR BIAS	61.565	62.257	0.6923
33	20	LDR BIAS	64.056	65.969	1.9128
34	20	LDR BIAS	63.095	65.105	2.0096
35	20	LDR BIAS	63.206	64.422	1.2163
36	20	LDR UNBIAS	61.85	62.32	0.4702
37	20	LDR UNBIAS	64.496	66.922	2.4253
38	20	LDR UNBIAS	61.814	63.326	1.5119
39	20	LDR UNBIAS	61.709	63.317	1.6082
40	20	LDR UNBIAS	61.883	63.59	1.7067
41	30	LDR BIAS	60.642	62.218	1.5753
42	30	LDR BIAS	61.565	63.18	1.6156
43	30	LDR BIAS	64.056	65.088	1.0318
44	30	LDR BIAS	63.095	64.433	1.3378
45	30	LDR BIAS	63.206	63.667	0.4605
46	30	LDR UNBIAS	61.85	62.311	0.4614
47	30	LDR UNBIAS	64.496	66.677	2.1803
48	30	LDR UNBIAS	61.814	63.027	1.2131
49	30	LDR UNBIAS	61.709	63.445	1.736
50	30	LDR UNBIAS	61.883	63.689	1.8063
51	50	LDR BIAS	60.642	62.983	2.3407
52	50	LDR BIAS	61.565	65.214	3.6497
53	50	LDR BIAS	64.056	64.427	0.3707
54	50	LDR BIAS	63.095	65.434	2.3383
55	50	LDR BIAS	63.206	65.761	2.5551
56	50	LDR UNBIAS	61.85	65.765	3.915
57	50	LDR UNBIAS	64.496	66.326	1.83
58	50	LDR UNBIAS	61.814	63.755	1.9414
59	50	LDR UNBIAS	61.709	64.281	2.5715
60	50	LDR UNBIAS	61.883	65.143	3.2601
61	100	LDR BIAS	60.642	62.481	1.8385
62	100	LDR BIAS	61.565	64.585	3.0198
63	100	LDR BIAS	64.056	64.288	0.2322
64	100	LDR BIAS	63.095	65.197	2.1012
65	100	LDR BIAS	63.206	64.952	1.7462
66	100	LDR UNBIAS	61.85	63.544	1.6941
67	100	LDR UNBIAS	64.496	64.536	0.0395
68	100	LDR UNBIAS	61.814	62.519	0.7044
69	100	LDR UNBIAS	61.709	63.158	1.4488
70	100	LDR UNBIAS	61.883	63.664	1.7808



Test Statistics (ns)

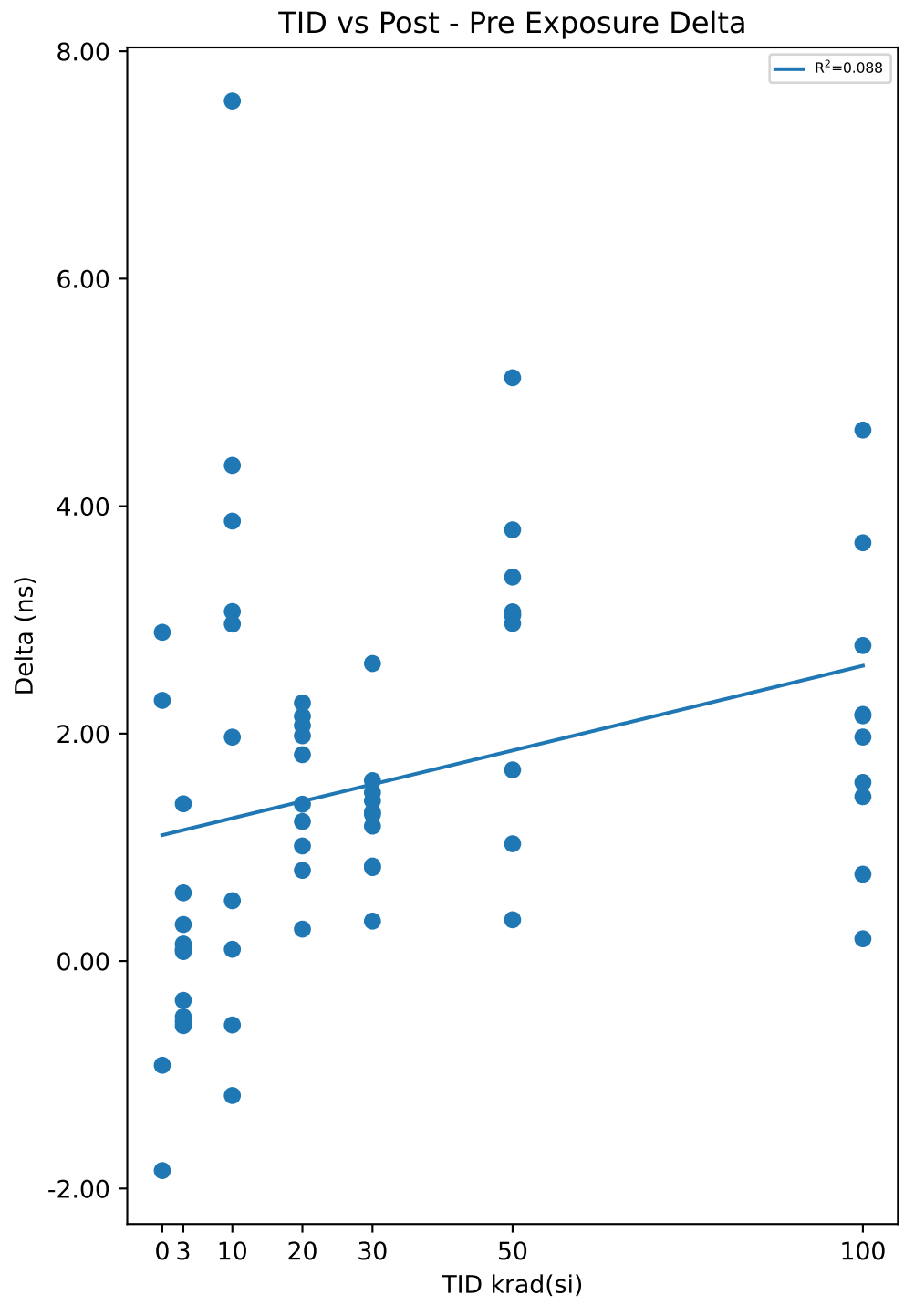
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	61.819	63.35	64.589	1.1444	63.016	64.135	66.078	1.3806	-1.5728	0.7851	2.6473	2.0402
3	60.642	62.432	64.496	1.2219	60.986	62.652	65.458	1.3571	-0.513	0.22015	0.9619	0.44689
10	60.642	62.432	64.496	1.2219	62.098	65.067	70.209	2.2317	-0.1091	2.6353	8.326	2.4477
20	60.642	62.432	64.496	1.2219	62.257	63.957	66.922	1.6151	0.4702	1.5257	2.4253	0.59341
30	60.642	62.432	64.496	1.2219	62.218	63.774	66.677	1.341	0.4605	1.3418	2.1803	0.56453
50	60.642	62.432	64.496	1.2219	62.983	64.909	66.326	1.0305	0.3707	2.4772	3.915	1.0139
100	60.642	62.432	64.496	1.2219	62.481	63.892	65.197	0.9699	0.0395	1.4605	3.0198	0.90206

Device Test: 28.29 TIMING|DELAY/CS/4.5/4.5/0/0/4.5/1MHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

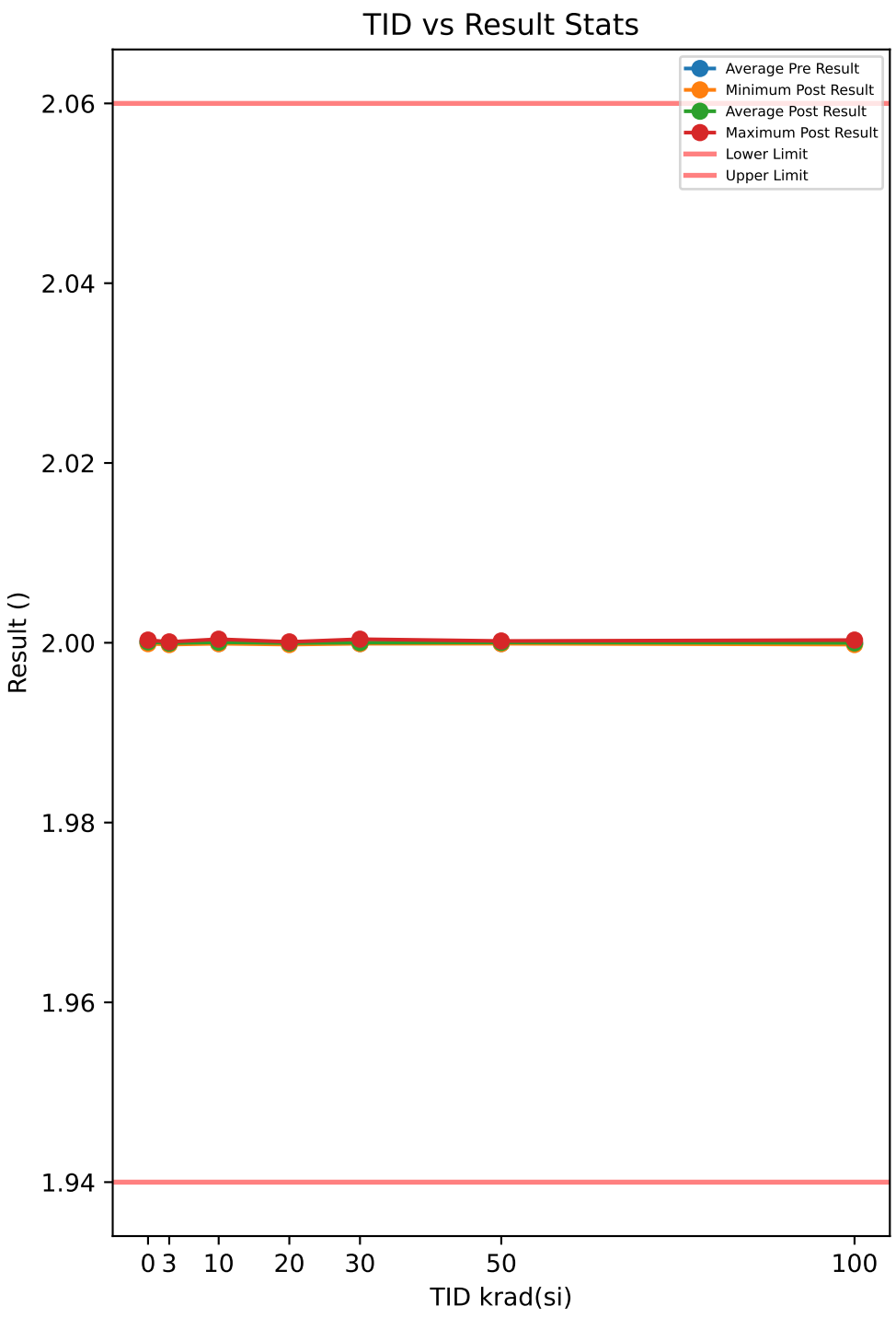
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	68.061	68.382	0.3212
2	3	LDR BIAS	68.029	69.412	1.3828
3	3	LDR BIAS	71.575	71.23	-0.3454
4	3	LDR BIAS	69.794	69.943	0.1495
5	3	LDR BIAS	70.683	70.785	0.1018
6	3	LDR UNBIAS	68.715	69.315	0.6
7	3	LDR UNBIAS	71.898	71.408	-0.49
8	3	LDR UNBIAS	69.584	69.053	-0.5311
9	3	LDR UNBIAS	68.53	68.613	0.0835
10	3	LDR UNBIAS	69.382	68.814	-0.568
11	0	CORRELATION	71.933	70.091	-1.8421
12	0	CORRELATION	71.053	70.137	-0.9162
13	0	CORRELATION	70.28	73.171	2.8908
14	0	CORRELATION	68.65	70.942	2.292
21	10	LDR BIAS	68.061	71.134	3.0733
22	10	LDR BIAS	68.029	72.387	4.3586
23	10	LDR BIAS	71.575	72.106	0.5306
24	10	LDR BIAS	69.794	72.757	2.9633
25	10	LDR BIAS	70.683	69.5	-1.1825
26	10	LDR UNBIAS	68.715	72.583	3.8687
27	10	LDR UNBIAS	71.898	72.001	0.1034
28	10	LDR UNBIAS	69.584	71.553	1.9691
29	10	LDR UNBIAS	68.53	67.967	-0.5622
30	10	LDR UNBIAS	69.382	76.945	7.563
31	20	LDR BIAS	68.061	69.876	1.8146
32	20	LDR BIAS	68.029	70.299	2.2697
33	20	LDR BIAS	71.575	73.727	2.152
34	20	LDR BIAS	69.794	71.865	2.0713
35	20	LDR BIAS	70.683	70.963	0.2805
36	20	LDR UNBIAS	68.715	70.094	1.3791
37	20	LDR UNBIAS	71.898	73.125	1.2269
38	20	LDR UNBIAS	69.584	70.381	0.7976
39	20	LDR UNBIAS	68.53	70.511	1.9814
40	20	LDR UNBIAS	69.382	70.394	1.0121
41	30	LDR BIAS	68.061	69.351	1.2897
42	30	LDR BIAS	68.029	70.645	2.6164
43	30	LDR BIAS	71.575	72.985	1.4103
44	30	LDR BIAS	69.794	71.38	1.5865
45	30	LDR BIAS	70.683	71.992	1.3091
46	30	LDR UNBIAS	68.715	70.197	1.4822
47	30	LDR UNBIAS	71.898	72.734	0.8355
48	30	LDR UNBIAS	69.584	69.935	0.3512
49	30	LDR UNBIAS	68.53	69.351	0.8215
50	30	LDR UNBIAS	69.382	70.569	1.1867
51	50	LDR BIAS	68.061	71.132	3.071
52	50	LDR BIAS	68.029	73.158	5.1294
53	50	LDR BIAS	71.575	72.606	1.0314
54	50	LDR BIAS	69.794	73.585	3.7919
55	50	LDR BIAS	70.683	73.731	3.0485
56	50	LDR UNBIAS	68.715	71.683	2.9687
57	50	LDR UNBIAS	71.898	72.261	0.3629
58	50	LDR UNBIAS	69.584	71.265	1.681
59	50	LDR UNBIAS	68.53	71.569	3.0392
60	50	LDR UNBIAS	69.382	72.758	3.3762
61	100	LDR BIAS	68.061	71.739	3.6779
62	100	LDR BIAS	68.029	72.698	4.6689
63	100	LDR BIAS	71.575	73.146	1.5707
64	100	LDR BIAS	69.794	71.951	2.157
65	100	LDR BIAS	70.683	73.457	2.7746
66	100	LDR UNBIAS	68.715	70.685	1.9699
67	100	LDR UNBIAS	71.898	72.094	0.1958
68	100	LDR UNBIAS	69.584	70.348	0.764
69	100	LDR UNBIAS	68.53	70.698	2.1685
70	100	LDR UNBIAS	69.382	70.828	1.4457

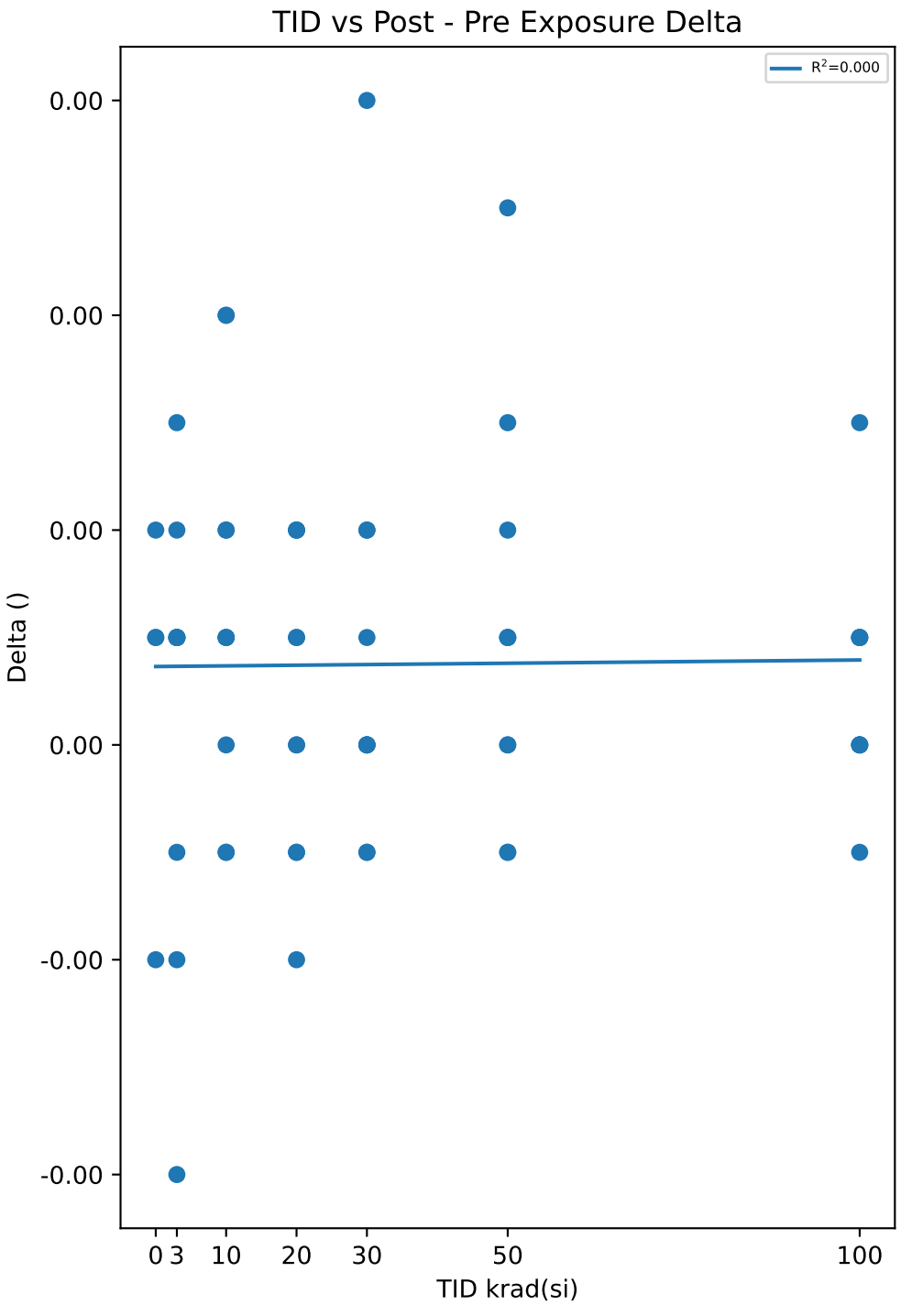


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	68.65	70.479	71.933	1.3936	70.091	71.085	73.171	1.4445	-1.8421	0.60613	2.8908	2.3362
3	68.029	69.625	71.898	1.3824	68.382	69.695	71.408	1.0978	-0.568	0.07043	1.3828	0.60823
10	68.029	69.625	71.898	1.3824	67.967	71.893	76.945	2.3303	-1.1825	2.2685	7.563	2.6627
20	68.029	69.625	71.898	1.3824	69.876	71.123	73.727	1.3381	0.2805	1.4985	2.2697	0.6652
30	68.029	69.625	71.898	1.3824	69.351	70.914	72.985	1.3137	0.3512	1.2889	2.6164	0.59788
50	68.029	69.625	71.898	1.3824	71.132	72.375	73.731	0.94504	0.3629	2.75	5.1294	1.3847
100	68.029	69.625	71.898	1.3824	70.348	71.764	73.457	1.1044	0.1958	2.1393	4.6689	1.3196

Device Test: 28.3 LEVEL|RATIO/CS/12/12/0/0/5/500kHz//@C_CS_R





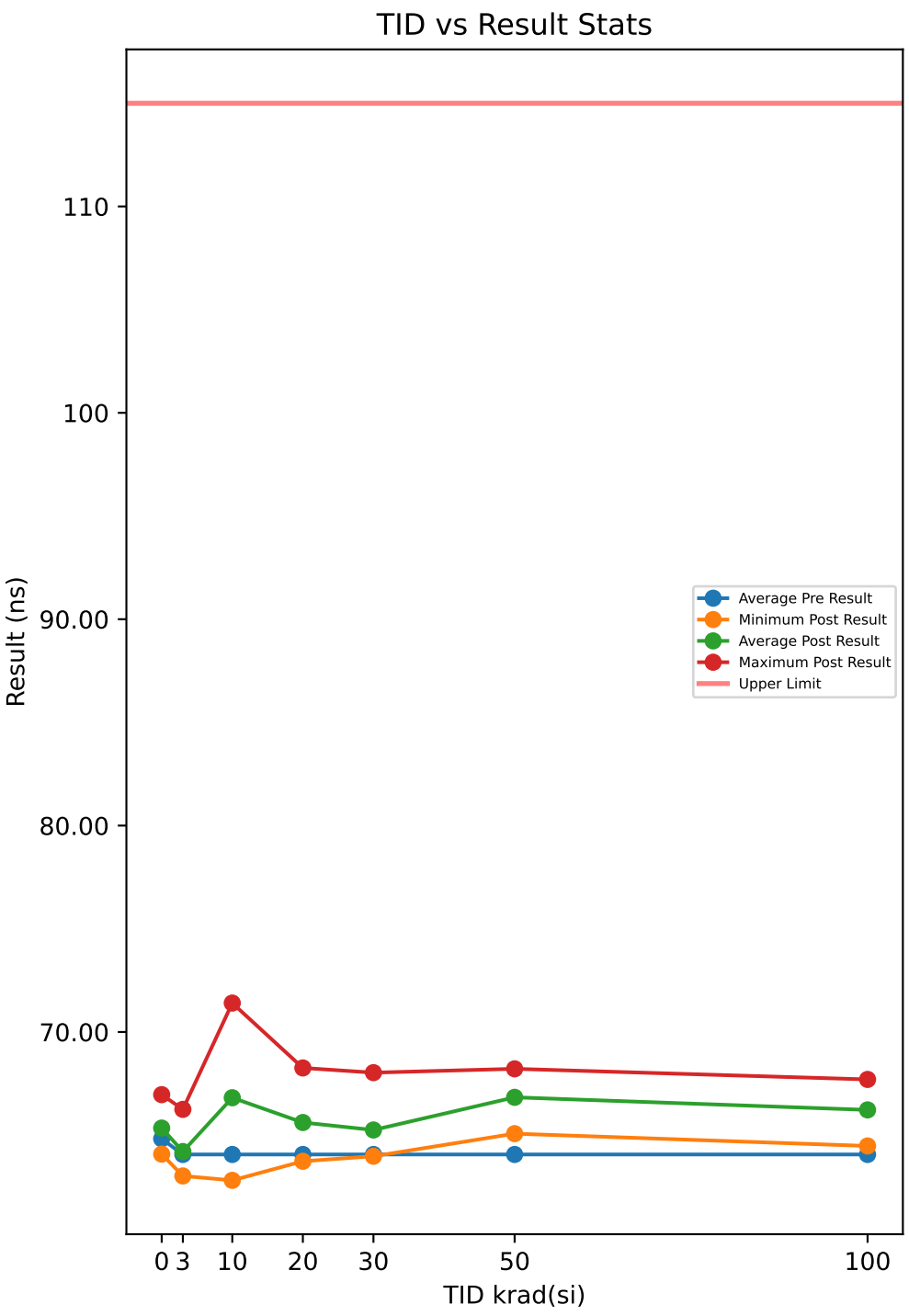
Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	2	2.0001	0.0001
2	3	LDR BIAS	1.9999	2	0.0001
3	3	LDR BIAS	2	1.9998	-0.0002
4	3	LDR BIAS	1.9999	2	0.0001
5	3	LDR BIAS	2	1.9999	-0.0001
6	3	LDR UNBIAS	1.9998	2.0001	0.0003
7	3	LDR UNBIAS	2	2.0001	0.0001
8	3	LDR UNBIAS	1.9997	1.9999	0.0002
9	3	LDR UNBIAS	1.9998	1.9999	0.0001
10	3	LDR UNBIAS	2.0002	1.9998	-0.0004
11	0	CORRELATION	2.0001	1.9999	-0.0002
12	0	CORRELATION	2.0001	2.0003	0.0002
13	0	CORRELATION	2	2.0001	0.0001
14	0	CORRELATION	2	2.0001	0.0001
21	10	LDR BIAS	2	1.9999	-0.0001
22	10	LDR BIAS	1.9999	1.9999	0
23	10	LDR BIAS	2	2.0004	0.0004
24	10	LDR BIAS	1.9999	2	0.0001
25	10	LDR BIAS	2	2.0001	0.0001
26	10	LDR UNBIAS	1.9998	2	0.0002
27	10	LDR UNBIAS	2	2.0001	0.0001
28	10	LDR UNBIAS	1.9997	2.0001	0.0004
29	10	LDR UNBIAS	1.9998	2	0.0002
30	10	LDR UNBIAS	2.0002	2.0001	-0.0001
31	20	LDR BIAS	2	1.9999	-0.0001
32	20	LDR BIAS	1.9999	2	0.0001
33	20	LDR BIAS	2	2	0
34	20	LDR BIAS	1.9999	2.0001	0.0002
35	20	LDR BIAS	2	2	0
36	20	LDR UNBIAS	1.9998	2	0.0002
37	20	LDR UNBIAS	2	1.9999	-0.0001
38	20	LDR UNBIAS	1.9997	1.9998	0.0001
39	20	LDR UNBIAS	1.9998	2	0.0002
40	20	LDR UNBIAS	2.0002	2	-0.0002
41	30	LDR BIAS	2	1.9999	-0.0001
42	30	LDR BIAS	1.9999	1.9999	0
43	30	LDR BIAS	2	2	0
44	30	LDR BIAS	1.9999	1.9999	0
45	30	LDR BIAS	2	2	0
46	30	LDR UNBIAS	1.9998	2	0.0002
47	30	LDR UNBIAS	2	1.9999	-0.0001
48	30	LDR UNBIAS	1.9997	1.9999	0.0002
49	30	LDR UNBIAS	1.9998	2.0004	0.0006
50	30	LDR UNBIAS	2.0002	2.0003	0.0001
51	50	LDR BIAS	2	1.9999	-0.0001
52	50	LDR BIAS	1.9999	2	0.0001
53	50	LDR BIAS	2	2	0
54	50	LDR BIAS	1.9999	2	0.0001
55	50	LDR BIAS	2	2	0
56	50	LDR UNBIAS	1.9998	2	0.0002
57	50	LDR UNBIAS	2	2.0001	0.0001
58	50	LDR UNBIAS	1.9997	2.0002	0.0005
59	50	LDR UNBIAS	1.9998	2.0001	0.0003
60	50	LDR UNBIAS	2.0002	2.0001	-0.0001
61	100	LDR BIAS	2	1.9999	-0.0001
62	100	LDR BIAS	1.9999	2	0.0001
63	100	LDR BIAS	2	2	0
64	100	LDR BIAS	1.9999	1.9999	0
65	100	LDR BIAS	2	2.0003	0.0003
66	100	LDR UNBIAS	1.9998	1.9999	0.0001
67	100	LDR UNBIAS	2	2	0
68	100	LDR UNBIAS	1.9997	1.9998	0.0001
69	100	LDR UNBIAS	1.9998	1.9998	0
70	100	LDR UNBIAS	2.0002	2.0003	0.0001

Test Statistics ()

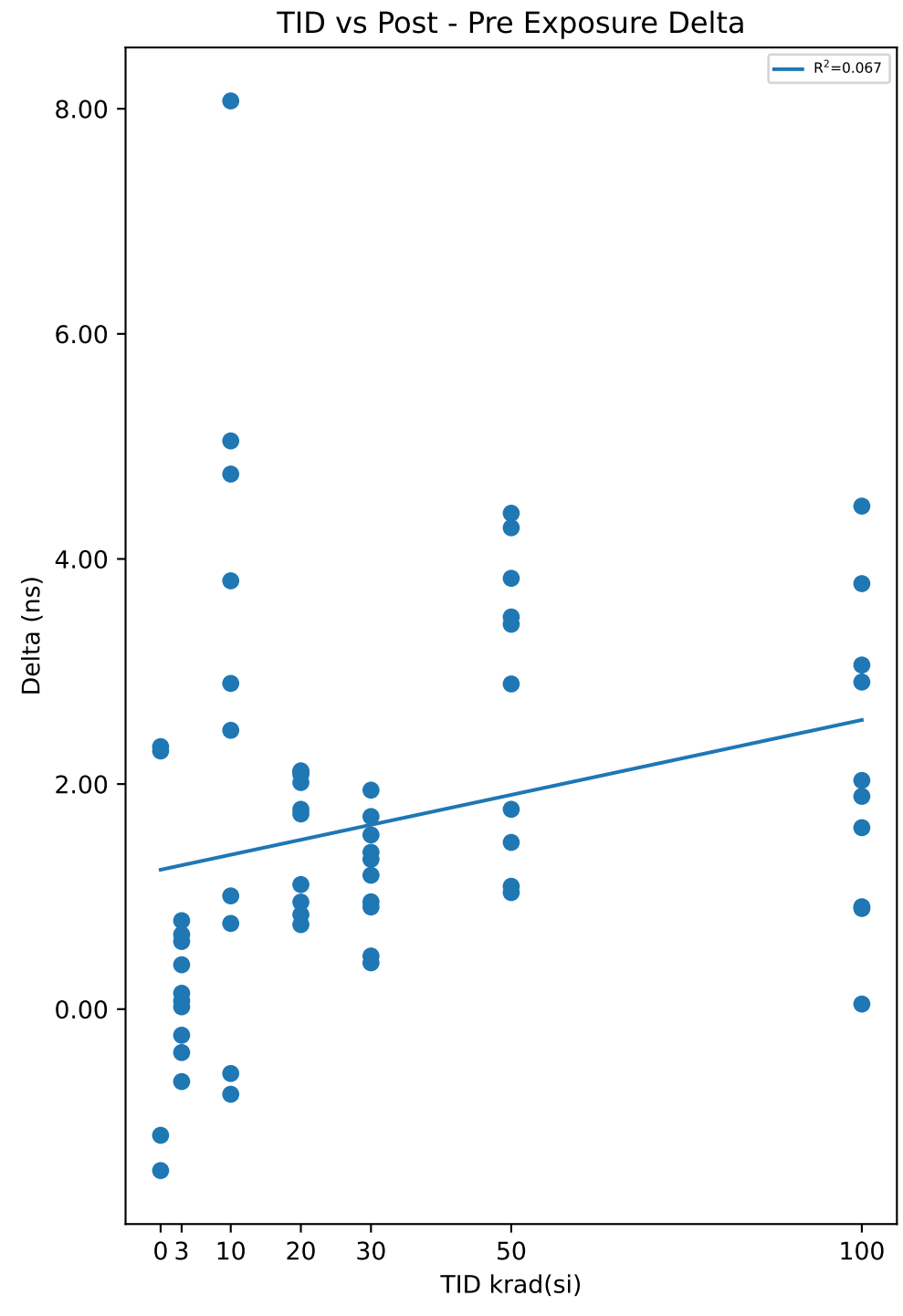
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2	2	2.0001	5.7735e-05	1.9999	2.0001	2.0003	0.0001633	-0.0002	5e-05	0.0002	0.00017321
3	1.9997	1.9999	2.0002	0.00014181	1.9998	2	2.0001	0.00011738	-0.0004	3e-05	0.0003	0.00020575
10	1.9997	1.9999	2.0002	0.00014181	1.9999	2.0001	2.0004	0.00014298	-0.0001	0.00013	0.0004	0.0001767
20	1.9997	1.9999	2.0002	0.00014181	1.9998	2	2.0001	8.2327e-05	-0.0002	4e-05	0.0002	0.00014298
30	1.9997	1.9999	2.0002	0.00014181	1.9999	2	2.0004	0.00018135	-0.0001	9e-05	0.0006	0.0002079
50	1.9997	1.9999	2.0002	0.00014181	1.9999	2	2.0002	8.4327e-05	-0.0001	0.00011	0.0005	0.00018529
100	1.9997	1.9999	2.0002	0.00014181	1.9998	2	2.0003	0.0001792	-0.0001	6e-05	0.0003	0.0001075

Device Test: 28.30 TIMING|DELAY/CS/5/5/0/0/5/1MHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

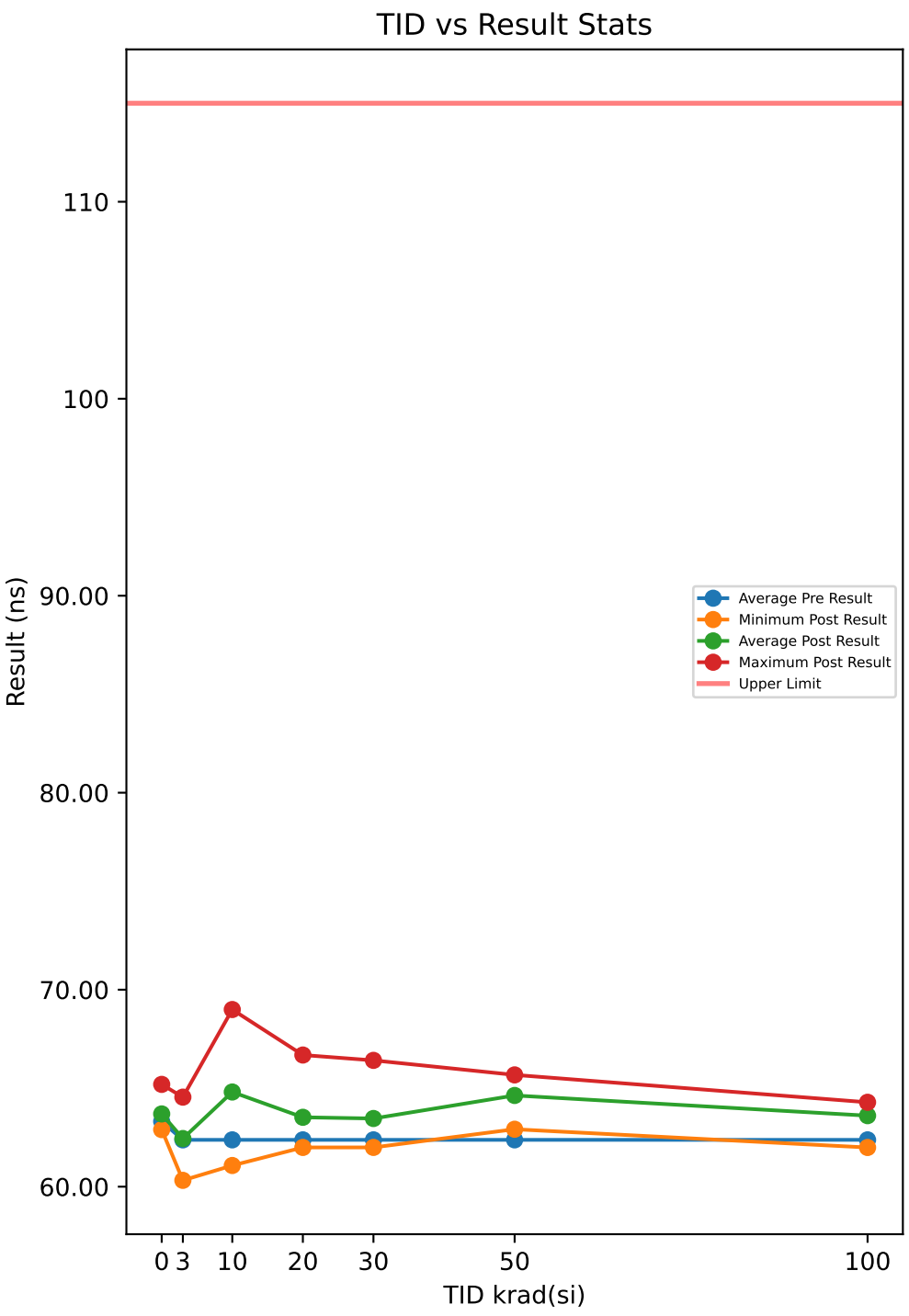
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	62.785	63.571	0.7861
2	3	LDR BIAS	62.495	63.158	0.6627
3	3	LDR BIAS	65.939	65.296	-0.6436
4	3	LDR BIAS	64.321	64.716	0.3942
5	3	LDR BIAS	64.794	64.409	-0.3857
6	3	LDR UNBIAS	62.95	63.024	0.0742
7	3	LDR UNBIAS	66.481	66.25	-0.2317
8	3	LDR UNBIAS	63.981	64.002	0.0205
9	3	LDR UNBIAS	63.567	63.708	0.141
10	3	LDR UNBIAS	63.331	63.932	0.6011
11	0	CORRELATION	65.892	64.771	-1.121
12	0	CORRELATION	65.516	64.082	-1.4343
13	0	CORRELATION	64.669	66.963	2.2938
14	0	CORRELATION	63.225	65.558	2.3327
21	10	LDR BIAS	62.785	65.678	2.894
22	10	LDR BIAS	62.495	67.249	4.7542
23	10	LDR BIAS	65.939	66.946	1.0063
24	10	LDR BIAS	64.321	68.127	3.8058
25	10	LDR BIAS	64.794	64.223	-0.5717
26	10	LDR UNBIAS	62.95	67.999	5.0488
27	10	LDR UNBIAS	66.481	67.243	0.7614
28	10	LDR UNBIAS	63.981	66.459	2.4774
29	10	LDR UNBIAS	63.567	62.81	-0.7563
30	10	LDR UNBIAS	63.331	71.401	8.0696
31	20	LDR BIAS	62.785	63.736	0.9511
32	20	LDR BIAS	62.495	64.605	2.1098
33	20	LDR BIAS	65.939	68.057	2.1173
34	20	LDR BIAS	64.321	66.335	2.0133
35	20	LDR BIAS	64.794	65.546	0.7511
36	20	LDR UNBIAS	62.95	64.684	1.7341
37	20	LDR UNBIAS	66.481	68.257	1.7755
38	20	LDR UNBIAS	63.981	66.067	2.0861
39	20	LDR UNBIAS	63.567	64.674	1.1069
40	20	LDR UNBIAS	63.331	64.171	0.8395
41	30	LDR BIAS	62.785	64.116	1.3312
42	30	LDR BIAS	62.495	64.441	1.9457
43	30	LDR BIAS	65.939	67.129	1.1895
44	30	LDR BIAS	64.321	66.033	1.7113
45	30	LDR BIAS	64.794	65.748	0.9537
46	30	LDR UNBIAS	62.95	64.344	1.3936
47	30	LDR UNBIAS	66.481	68.029	1.5479
48	30	LDR UNBIAS	63.981	64.453	0.472
49	30	LDR UNBIAS	63.567	63.978	0.4115
50	30	LDR UNBIAS	63.331	64.239	0.9076
51	50	LDR BIAS	62.785	65.674	2.8893
52	50	LDR BIAS	62.495	66.772	4.2771
53	50	LDR BIAS	65.939	67.421	1.4815
54	50	LDR BIAS	64.321	67.806	3.4846
55	50	LDR BIAS	64.794	68.214	3.4198
56	50	LDR UNBIAS	62.95	67.356	4.4062
57	50	LDR UNBIAS	66.481	67.517	1.0356
58	50	LDR UNBIAS	63.981	65.073	1.0916
59	50	LDR UNBIAS	63.567	65.342	1.7756
60	50	LDR UNBIAS	63.331	67.159	3.8279
61	100	LDR BIAS	62.785	66.565	3.7807
62	100	LDR BIAS	62.495	66.964	4.4694
63	100	LDR BIAS	65.939	67.552	1.6122
64	100	LDR BIAS	64.321	66.353	2.0321
65	100	LDR BIAS	64.794	67.701	2.9062
66	100	LDR UNBIAS	62.95	66.007	3.0575
67	100	LDR UNBIAS	66.481	66.526	0.0452
68	100	LDR UNBIAS	63.981	64.876	0.8943
69	100	LDR UNBIAS	63.567	64.477	0.9099
70	100	LDR UNBIAS	63.331	65.222	1.8906



Test Statistics (ns)

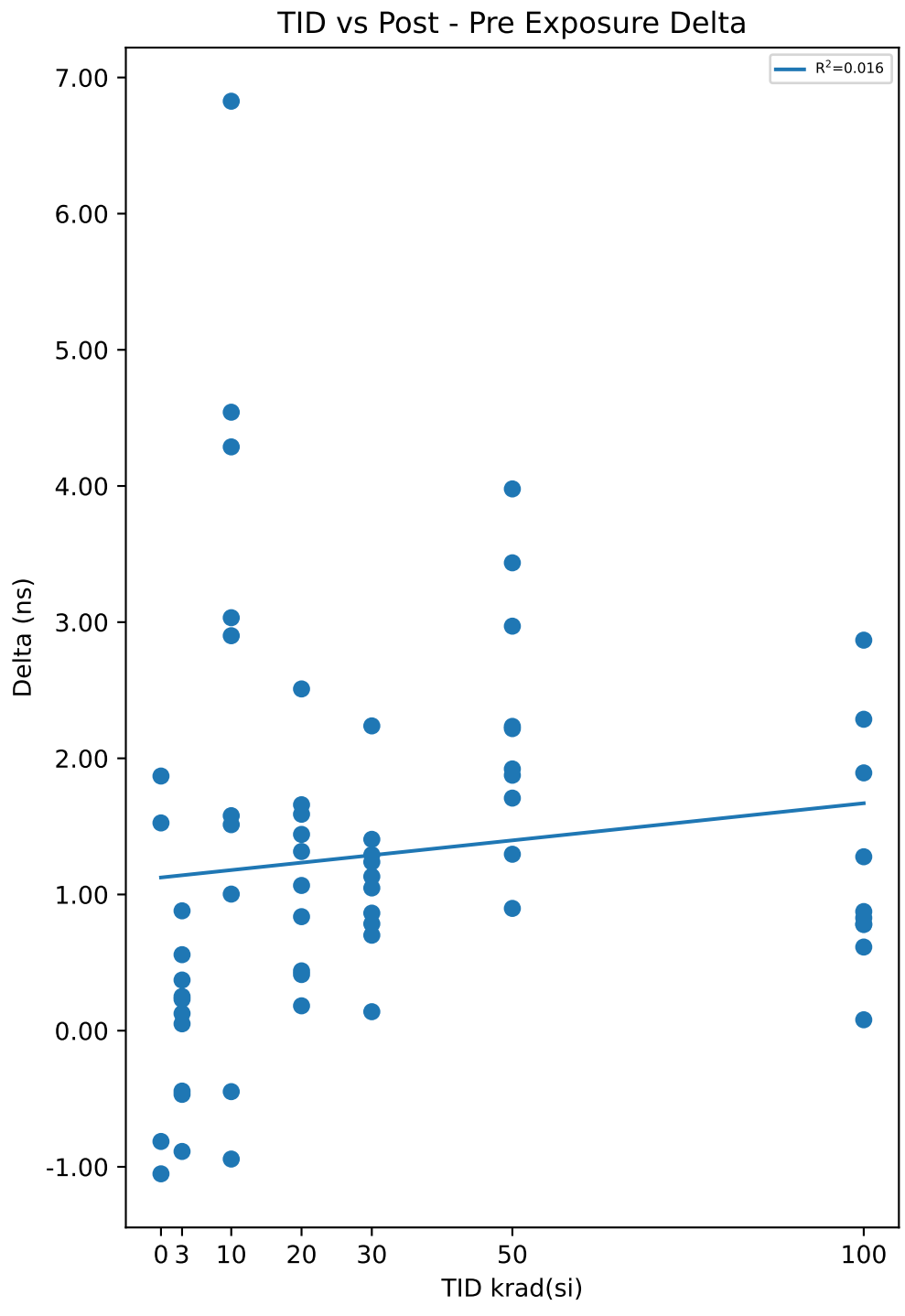
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.225	64.825	65.892	1.1832	64.082	65.343	66.963	1.2367	-1.4343	0.5178	2.3327	2.0772
3	62.495	64.064	66.481	1.3372	63.024	64.206	66.25	0.99606	-0.6436	0.14188	0.7861	0.47317
10	62.495	64.064	66.481	1.3372	62.81	66.813	71.401	2.3265	-0.7563	2.749	8.0696	2.7715
20	62.495	64.064	66.481	1.3372	63.736	65.613	68.257	1.5656	0.7511	1.5485	2.1173	0.5696
30	62.495	64.064	66.481	1.3372	63.978	65.251	68.029	1.4202	0.4115	1.1864	1.9457	0.50435
50	62.495	64.064	66.481	1.3372	65.073	66.833	68.214	1.0912	1.0356	2.7689	4.4062	1.3119
100	62.495	64.064	66.481	1.3372	64.477	66.224	67.701	1.0873	0.0452	2.1598	4.4694	1.3884

Device Test: 28.31 TIMING|DELAY/CS/12/12/0/0/5/1MHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

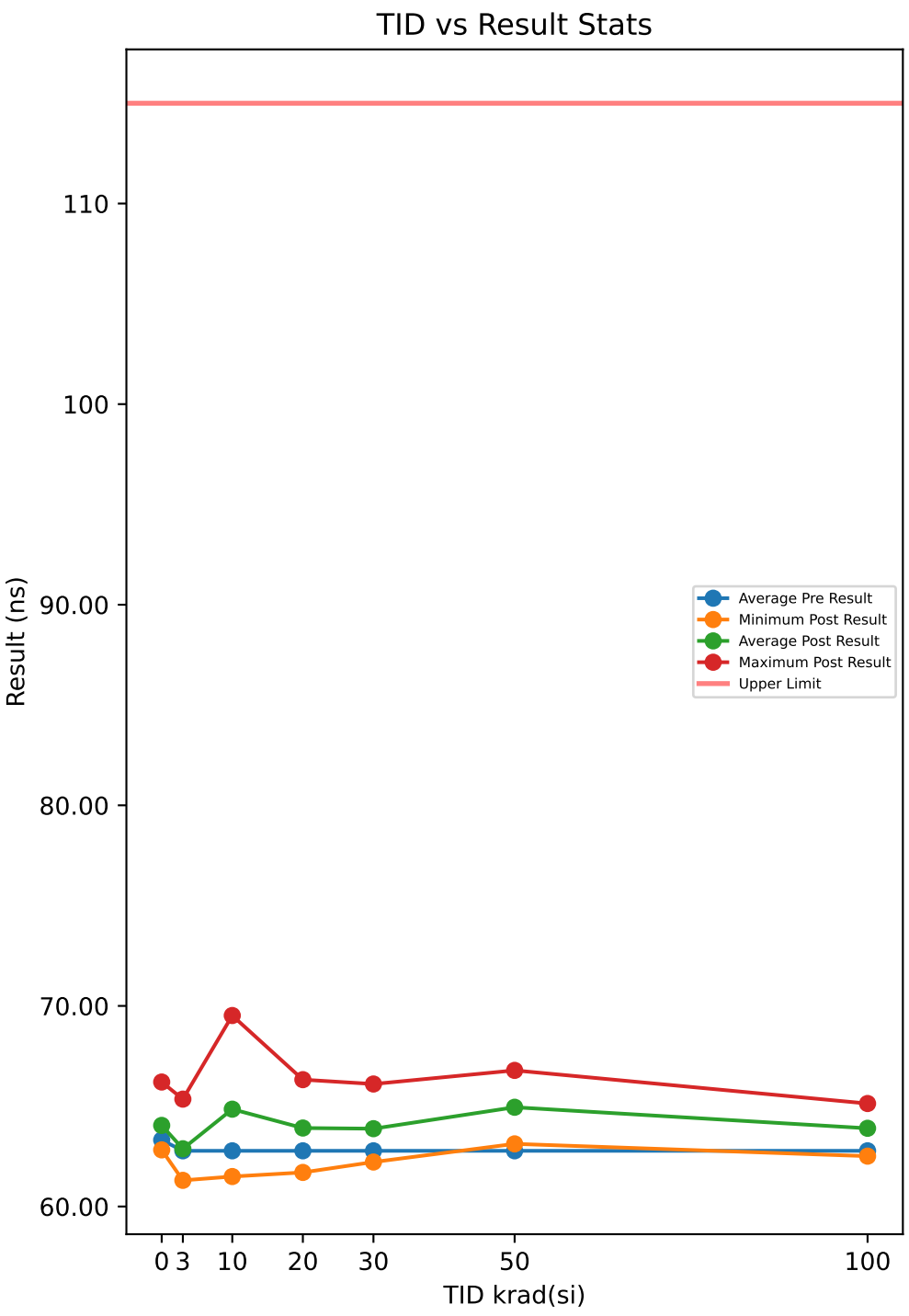
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	61.208	60.321	-0.8871
2	3	LDR BIAS	61.314	61.565	0.2508
3	3	LDR BIAS	63.2	64.08	0.88
4	3	LDR BIAS	63.457	64.015	0.558
5	3	LDR BIAS	63.195	62.751	-0.4437
6	3	LDR UNBIAS	60.925	60.976	0.0503
7	3	LDR UNBIAS	64.174	64.546	0.3717
8	3	LDR UNBIAS	62.111	61.643	-0.4679
9	3	LDR UNBIAS	62.019	62.144	0.1257
10	3	LDR UNBIAS	62.167	62.398	0.2305
11	0	CORRELATION	63.711	62.898	-0.8137
12	0	CORRELATION	64.063	63.012	-1.0514
13	0	CORRELATION	63.323	65.193	1.8698
14	0	CORRELATION	62.146	63.671	1.5255
21	10	LDR BIAS	61.208	62.721	1.5127
22	10	LDR BIAS	61.314	65.601	4.2871
23	10	LDR BIAS	63.2	64.203	1.0028
24	10	LDR BIAS	63.457	66.489	3.0326
25	10	LDR BIAS	63.195	62.747	-0.4478
26	10	LDR UNBIAS	60.925	65.467	4.5418
27	10	LDR UNBIAS	64.174	65.752	1.5787
28	10	LDR UNBIAS	62.111	65.011	2.9004
29	10	LDR UNBIAS	62.019	61.076	-0.9429
30	10	LDR UNBIAS	62.167	68.993	6.8257
31	20	LDR BIAS	61.208	62.045	0.8371
32	20	LDR BIAS	61.314	62.755	1.4413
33	20	LDR BIAS	63.2	64.789	1.5894
34	20	LDR BIAS	63.457	64.772	1.3157
35	20	LDR BIAS	63.195	63.377	0.1824
36	20	LDR UNBIAS	60.925	61.992	1.0663
37	20	LDR UNBIAS	64.174	66.683	2.5096
38	20	LDR UNBIAS	62.111	63.77	1.6591
39	20	LDR UNBIAS	62.019	62.431	0.4121
40	20	LDR UNBIAS	62.167	62.606	0.4391
41	30	LDR BIAS	61.208	61.993	0.7847
42	30	LDR BIAS	61.314	62.177	0.8631
43	30	LDR BIAS	63.2	64.605	1.4051
44	30	LDR BIAS	63.457	64.695	1.2388
45	30	LDR BIAS	63.195	63.334	0.1392
46	30	LDR UNBIAS	60.925	62.217	1.2919
47	30	LDR UNBIAS	64.174	66.412	2.2381
48	30	LDR UNBIAS	62.111	62.812	0.7009
49	30	LDR UNBIAS	62.019	63.151	1.132
50	30	LDR UNBIAS	62.167	63.215	1.0479
51	50	LDR BIAS	61.208	62.916	1.7078
52	50	LDR BIAS	61.314	64.285	2.9706
53	50	LDR BIAS	63.2	64.098	0.8978
54	50	LDR BIAS	63.457	65.675	2.2181
55	50	LDR BIAS	63.195	65.429	2.2346
56	50	LDR UNBIAS	60.925	64.904	3.9785
57	50	LDR UNBIAS	64.174	65.469	1.2955
58	50	LDR UNBIAS	62.111	64.033	1.922
59	50	LDR UNBIAS	62.019	63.894	1.8758
60	50	LDR UNBIAS	62.167	65.603	3.4358
61	100	LDR BIAS	61.208	61.99	0.7812
62	100	LDR BIAS	61.314	63.601	2.2868
63	100	LDR BIAS	63.2	64.075	0.8747
64	100	LDR BIAS	63.457	64.285	0.8282
65	100	LDR BIAS	63.195	63.975	0.78
66	100	LDR UNBIAS	60.925	63.793	2.8677
67	100	LDR UNBIAS	64.174	64.254	0.0799
68	100	LDR UNBIAS	62.111	62.725	0.614
69	100	LDR UNBIAS	62.019	63.296	1.2771
70	100	LDR UNBIAS	62.167	64.06	1.893



Test Statistics (ns)

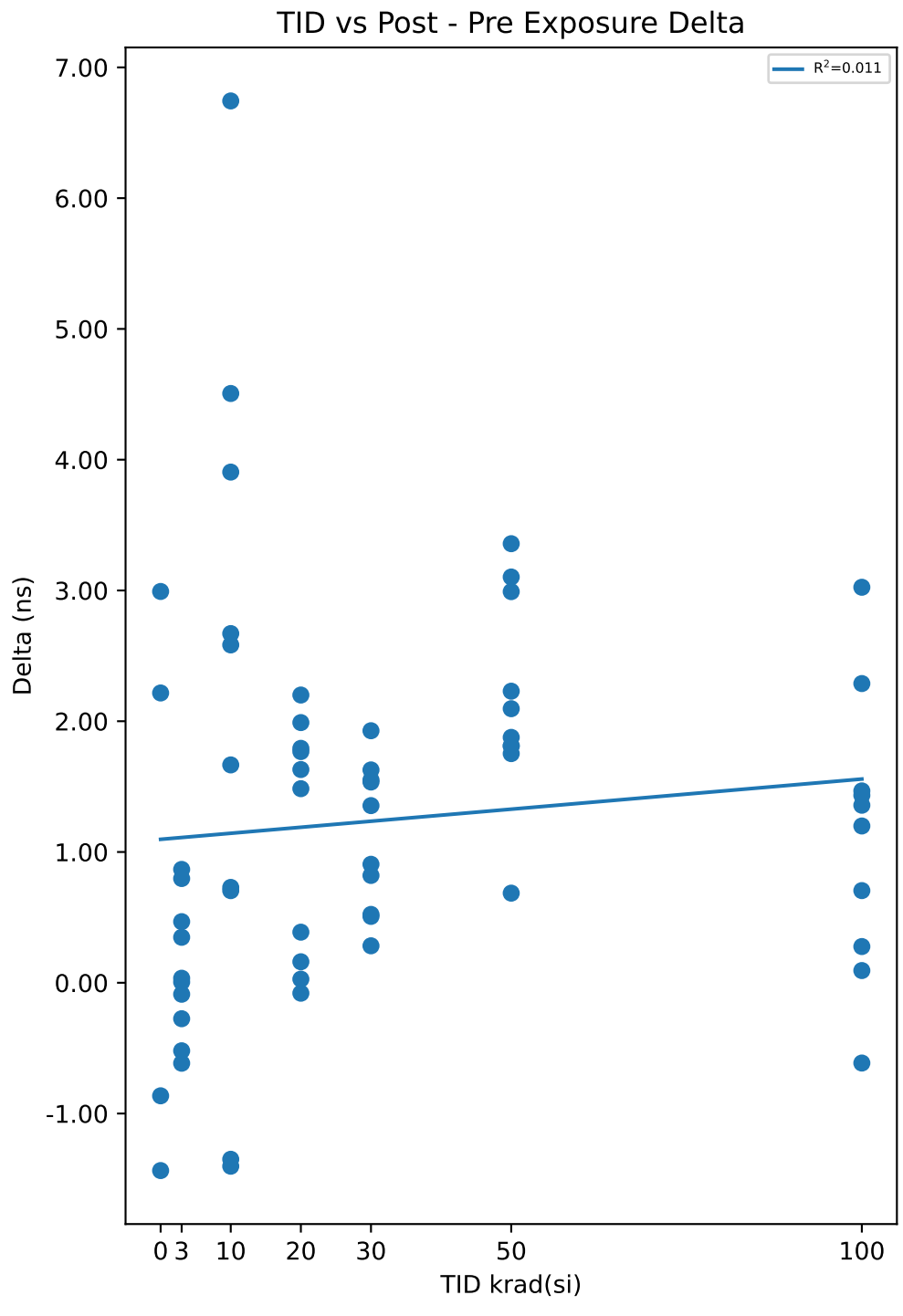
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.146	63.311	64.063	0.8335	62.898	63.693	65.193	1.0563	-1.0514	0.38255	1.8698	1.5281
3	60.925	62.377	64.174	1.0845	60.321	62.444	64.546	1.4072	-0.8871	0.06683	0.88	0.52877
10	60.925	62.377	64.174	1.0845	61.076	64.806	68.993	2.242	-0.9429	2.4291	6.8257	2.3823
20	60.925	62.377	64.174	1.0845	61.992	63.522	66.683	1.505	0.1824	1.1452	2.5096	0.70741
30	60.925	62.377	64.174	1.0845	61.993	63.461	66.412	1.3938	0.1392	1.0842	2.2381	0.54606
50	60.925	62.377	64.174	1.0845	62.916	64.631	65.675	0.9246	0.8978	2.2536	3.9785	0.95425
100	60.925	62.377	64.174	1.0845	61.99	63.605	64.285	0.74256	0.0799	1.2283	2.8677	0.85858

Device Test: 28.32 TIMING|DELAY/CS/14/14/0/0/5/1MHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

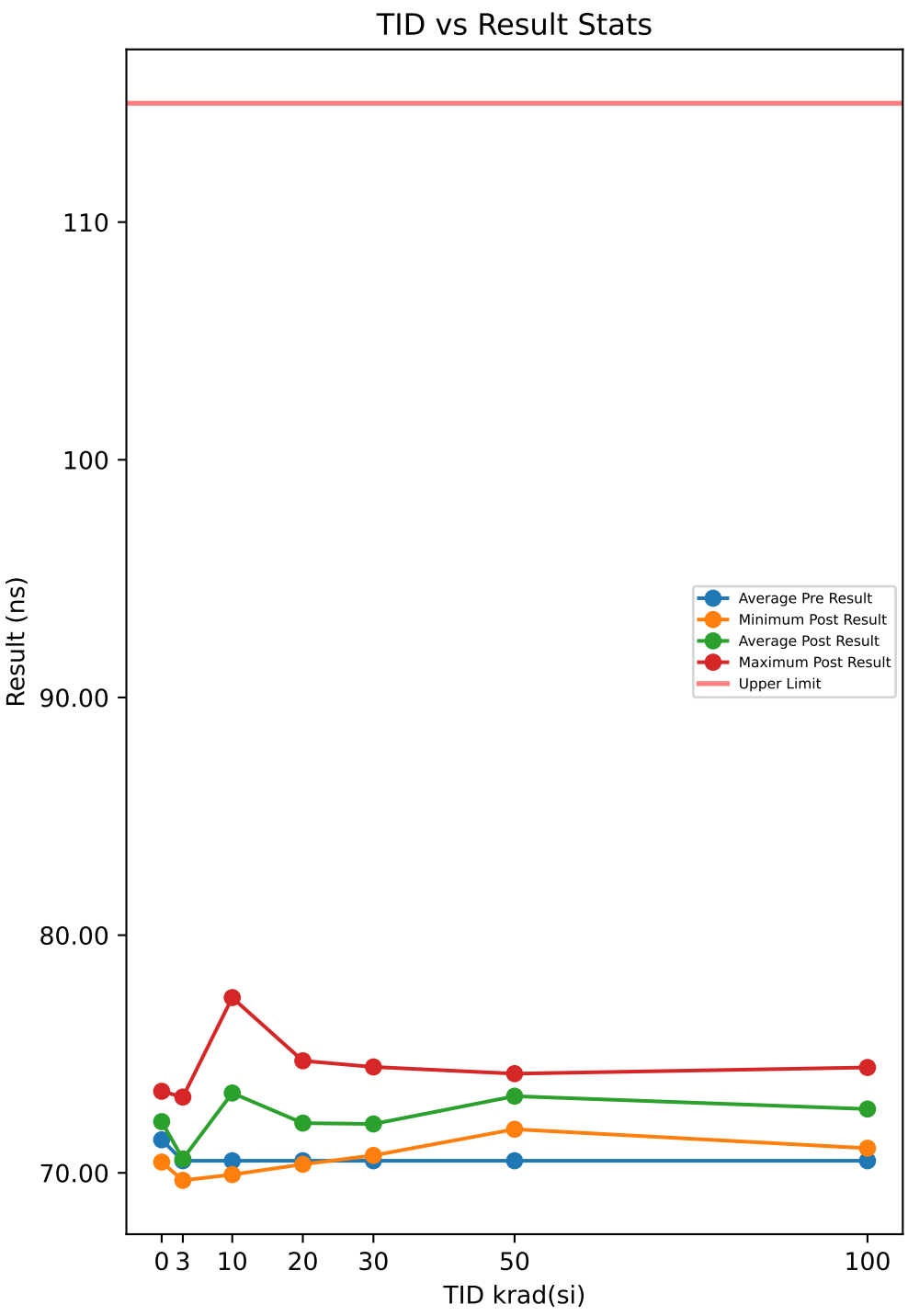
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	61.311	61.346	0.0347
2	3	LDR BIAS	61.579	61.304	-0.275
3	3	LDR BIAS	64.278	63.758	-0.5202
4	3	LDR BIAS	63.666	64.134	0.4673
5	3	LDR BIAS	63.624	63.63	0.0054
6	3	LDR UNBIAS	61.184	62.051	0.8668
7	3	LDR UNBIAS	64.556	65.353	0.7971
8	3	LDR UNBIAS	61.888	62.235	0.3477
9	3	LDR UNBIAS	62.897	62.282	-0.6154
10	3	LDR UNBIAS	62.777	62.69	-0.0878
11	0	CORRELATION	64.576	63.14	-1.4362
12	0	CORRELATION	63.687	62.822	-0.8645
13	0	CORRELATION	63.213	66.205	2.9922
14	0	CORRELATION	61.788	64.004	2.216
21	10	LDR BIAS	61.311	62.977	1.6659
22	10	LDR BIAS	61.579	65.484	3.9051
23	10	LDR BIAS	64.278	64.983	0.7044
24	10	LDR BIAS	63.666	66.337	2.6702
25	10	LDR BIAS	63.624	62.275	-1.3498
26	10	LDR UNBIAS	61.184	65.69	4.5062
27	10	LDR UNBIAS	64.556	65.285	0.7292
28	10	LDR UNBIAS	61.888	64.471	2.5835
29	10	LDR UNBIAS	62.897	61.494	-1.403
30	10	LDR UNBIAS	62.777	69.521	6.7434
31	20	LDR BIAS	61.311	61.698	0.3869
32	20	LDR BIAS	61.579	63.063	1.4842
33	20	LDR BIAS	64.278	65.909	1.6306
34	20	LDR BIAS	63.666	65.656	1.9896
35	20	LDR BIAS	63.624	63.652	0.0277
36	20	LDR UNBIAS	61.184	62.977	1.7926
37	20	LDR UNBIAS	64.556	66.324	1.7679
38	20	LDR UNBIAS	61.888	64.088	2.2003
39	20	LDR UNBIAS	62.897	62.817	-0.0799
40	20	LDR UNBIAS	62.777	62.938	0.1606
41	30	LDR BIAS	61.311	62.217	0.906
42	30	LDR BIAS	61.579	62.399	0.8206
43	30	LDR BIAS	64.278	64.786	0.5075
44	30	LDR BIAS	63.666	65.201	1.535
45	30	LDR BIAS	63.624	63.907	0.2826
46	30	LDR UNBIAS	61.184	63.111	1.9273
47	30	LDR UNBIAS	64.556	66.107	1.5512
48	30	LDR UNBIAS	61.888	63.515	1.6277
49	30	LDR UNBIAS	62.897	63.42	0.5227
50	30	LDR UNBIAS	62.777	64.132	1.3547
51	50	LDR BIAS	61.311	63.123	1.8114
52	50	LDR BIAS	61.579	64.57	2.9909
53	50	LDR BIAS	64.278	64.963	0.6853
54	50	LDR BIAS	63.666	65.477	1.811
55	50	LDR BIAS	63.624	65.72	2.0957
56	50	LDR UNBIAS	61.184	64.541	3.3576
57	50	LDR UNBIAS	64.556	66.785	2.2297
58	50	LDR UNBIAS	61.888	63.64	1.7523
59	50	LDR UNBIAS	62.897	64.773	1.8765
60	50	LDR UNBIAS	62.777	65.88	3.1029
61	100	LDR BIAS	61.311	62.51	1.1989
62	100	LDR BIAS	61.579	63.867	2.288
63	100	LDR BIAS	64.278	63.664	-0.6139
64	100	LDR BIAS	63.666	65.134	1.4672
65	100	LDR BIAS	63.624	64.329	0.7047
66	100	LDR UNBIAS	61.184	64.208	3.0244
67	100	LDR UNBIAS	64.556	64.649	0.0933
68	100	LDR UNBIAS	61.888	63.245	1.3576
69	100	LDR UNBIAS	62.897	63.174	0.2769
70	100	LDR UNBIAS	62.777	64.211	1.4335



Test Statistics (ns)

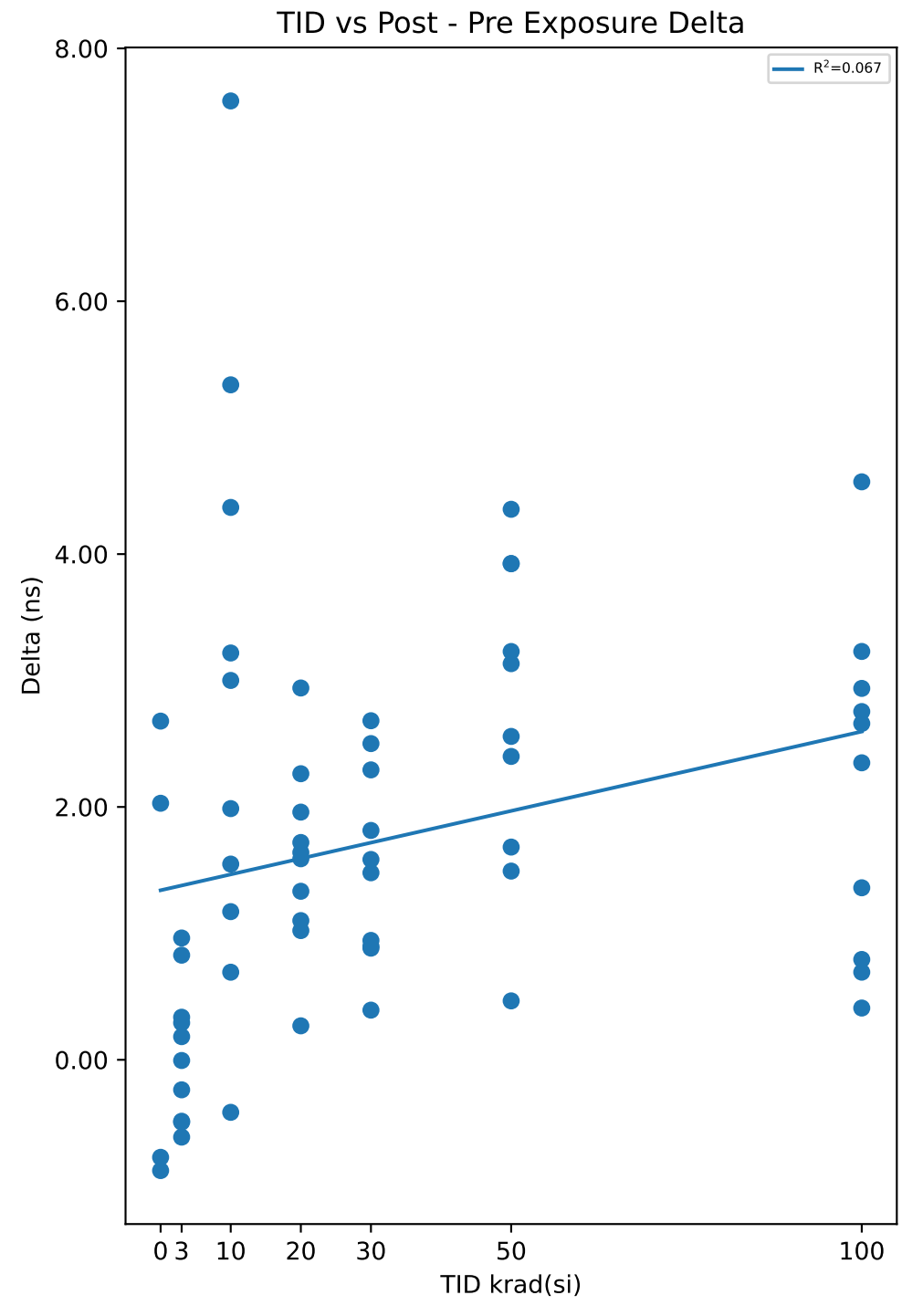
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	61.788	63.316	64.576	1.165	62.822	64.043	66.205	1.5257	-1.4362	0.72688	2.9922	2.2031
3	61.184	62.776	64.556	1.2407	61.304	62.878	65.353	1.3062	-0.6154	0.10206	0.8668	0.51161
10	61.184	62.776	64.556	1.2407	61.494	64.852	69.521	2.2824	-1.403	2.0755	6.7434	2.568
20	61.184	62.776	64.556	1.2407	61.698	63.912	66.324	1.5488	-0.0799	1.1361	2.2003	0.89919
30	61.184	62.776	64.556	1.2407	62.217	63.88	66.107	1.224	0.2826	1.1035	1.9273	0.56653
50	61.184	62.776	64.556	1.2407	63.123	64.947	66.785	1.0803	0.6853	2.1713	3.3576	0.79485
100	61.184	62.776	64.556	1.2407	62.51	63.899	65.134	0.7748	-0.6139	1.1231	3.0244	1.0654

Device Test: 28.33 TIMING|DELAY/CS/4.5/4.5/0/1000/4.5/100kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

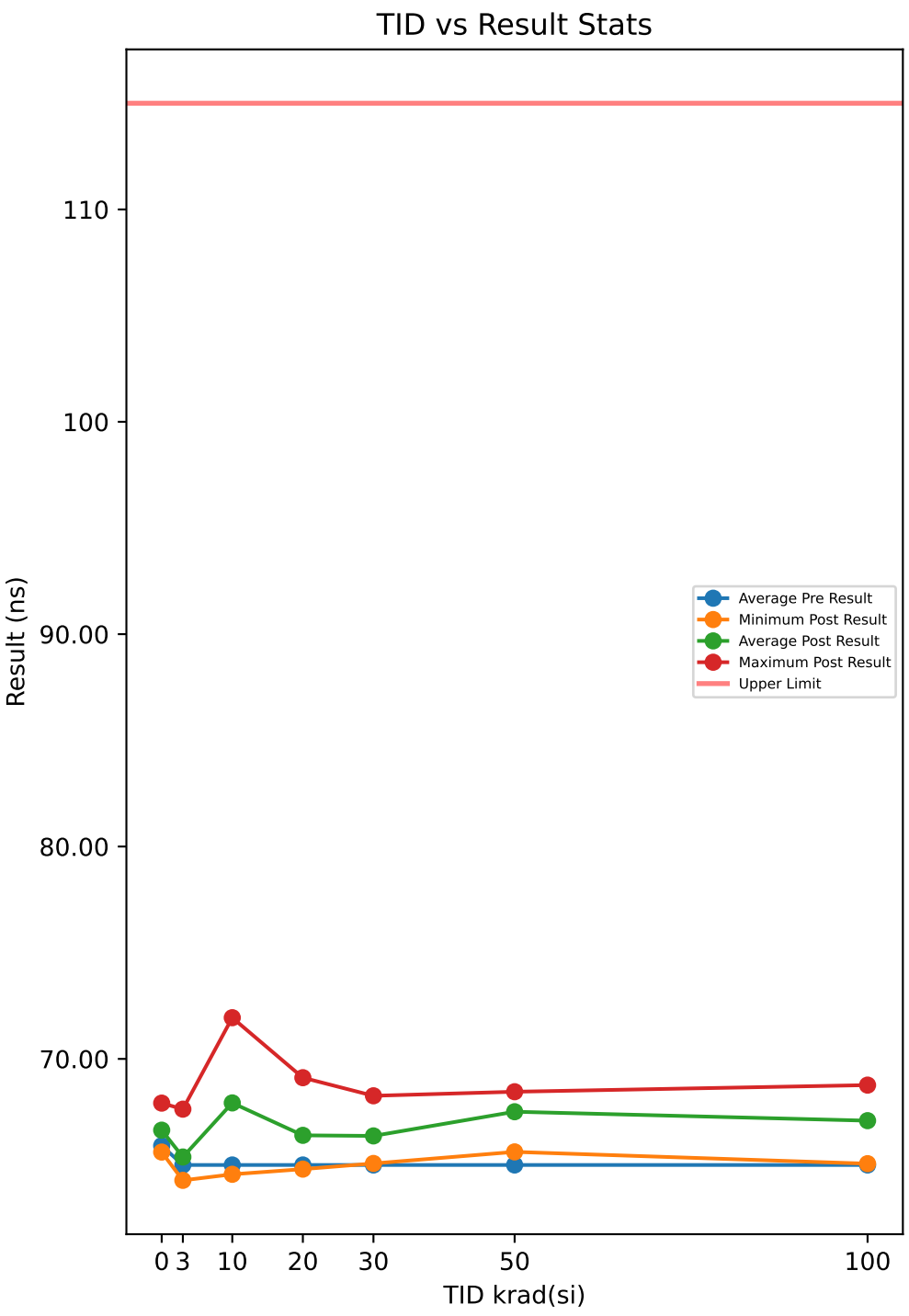
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	68.77	69.733	0.9634
2	3	LDR BIAS	69.092	69.92	0.8276
3	3	LDR BIAS	71.773	71.768	-0.0055
4	3	LDR BIAS	71.549	71.063	-0.4859
5	3	LDR BIAS	70.825	70.332	-0.4927
6	3	LDR UNBIAS	69.502	69.685	0.1832
7	3	LDR UNBIAS	72.896	73.189	0.2929
8	3	LDR UNBIAS	70.556	69.945	-0.6115
9	3	LDR UNBIAS	70.343	70.105	-0.2374
10	3	LDR UNBIAS	69.789	70.126	0.3369
11	0	CORRELATION	72.857	71.981	-0.8761
12	0	CORRELATION	71.225	70.454	-0.7713
13	0	CORRELATION	70.753	73.432	2.679
14	0	CORRELATION	70.729	72.758	2.0292
21	10	LDR BIAS	68.77	71.77	3.0007
22	10	LDR BIAS	69.092	73.461	4.3692
23	10	LDR BIAS	71.773	73.322	1.5481
24	10	LDR BIAS	71.549	74.767	3.2178
25	10	LDR BIAS	70.825	71.518	0.6929
26	10	LDR UNBIAS	69.502	74.841	5.3389
27	10	LDR UNBIAS	72.896	74.068	1.172
28	10	LDR UNBIAS	70.556	72.543	1.9869
29	10	LDR UNBIAS	70.343	69.927	-0.4155
30	10	LDR UNBIAS	69.789	77.374	7.5844
31	20	LDR BIAS	68.77	70.36	1.5902
32	20	LDR BIAS	69.092	71.355	2.2629
33	20	LDR BIAS	71.773	74.714	2.9409
34	20	LDR BIAS	71.549	73.189	1.64
35	20	LDR BIAS	70.825	72.784	1.9592
36	20	LDR UNBIAS	69.502	71.221	1.7189
37	20	LDR UNBIAS	72.896	74.229	1.3331
38	20	LDR UNBIAS	70.556	71.579	1.0222
39	20	LDR UNBIAS	70.343	70.611	0.2688
40	20	LDR UNBIAS	69.789	70.89	1.1011
41	30	LDR BIAS	68.77	71.063	2.2932
42	30	LDR BIAS	69.092	71.593	2.5012
43	30	LDR BIAS	71.773	74.455	2.682
44	30	LDR BIAS	71.549	73.364	1.8142
45	30	LDR BIAS	70.825	72.304	1.4794
46	30	LDR UNBIAS	69.502	71.086	1.5846
47	30	LDR UNBIAS	72.896	73.794	0.8985
48	30	LDR UNBIAS	70.556	70.949	0.3929
49	30	LDR UNBIAS	70.343	71.226	0.8831
50	30	LDR UNBIAS	69.789	70.733	0.9443
51	50	LDR BIAS	68.77	72.695	3.9256
52	50	LDR BIAS	69.092	73.446	4.3544
53	50	LDR BIAS	71.773	74.173	2.3996
54	50	LDR BIAS	71.549	74.107	2.5579
55	50	LDR BIAS	70.825	74.055	3.2296
56	50	LDR UNBIAS	69.502	73.425	3.9237
57	50	LDR UNBIAS	72.896	73.362	0.4661
58	50	LDR UNBIAS	70.556	72.239	1.6827
59	50	LDR UNBIAS	70.343	71.835	1.4927
60	50	LDR UNBIAS	69.789	72.922	3.1334
61	100	LDR BIAS	68.77	72	3.23
62	100	LDR BIAS	69.092	73.664	4.5717
63	100	LDR BIAS	71.773	74.433	2.6601
64	100	LDR BIAS	71.549	72.91	1.3607
65	100	LDR BIAS	70.825	73.763	2.9377
66	100	LDR UNBIAS	69.502	71.851	2.3492
67	100	LDR UNBIAS	72.896	73.305	0.4095
68	100	LDR UNBIAS	70.556	71.35	0.7936
69	100	LDR UNBIAS	70.343	71.036	0.6932
70	100	LDR UNBIAS	69.789	72.544	2.7546



Test Statistics (ns)

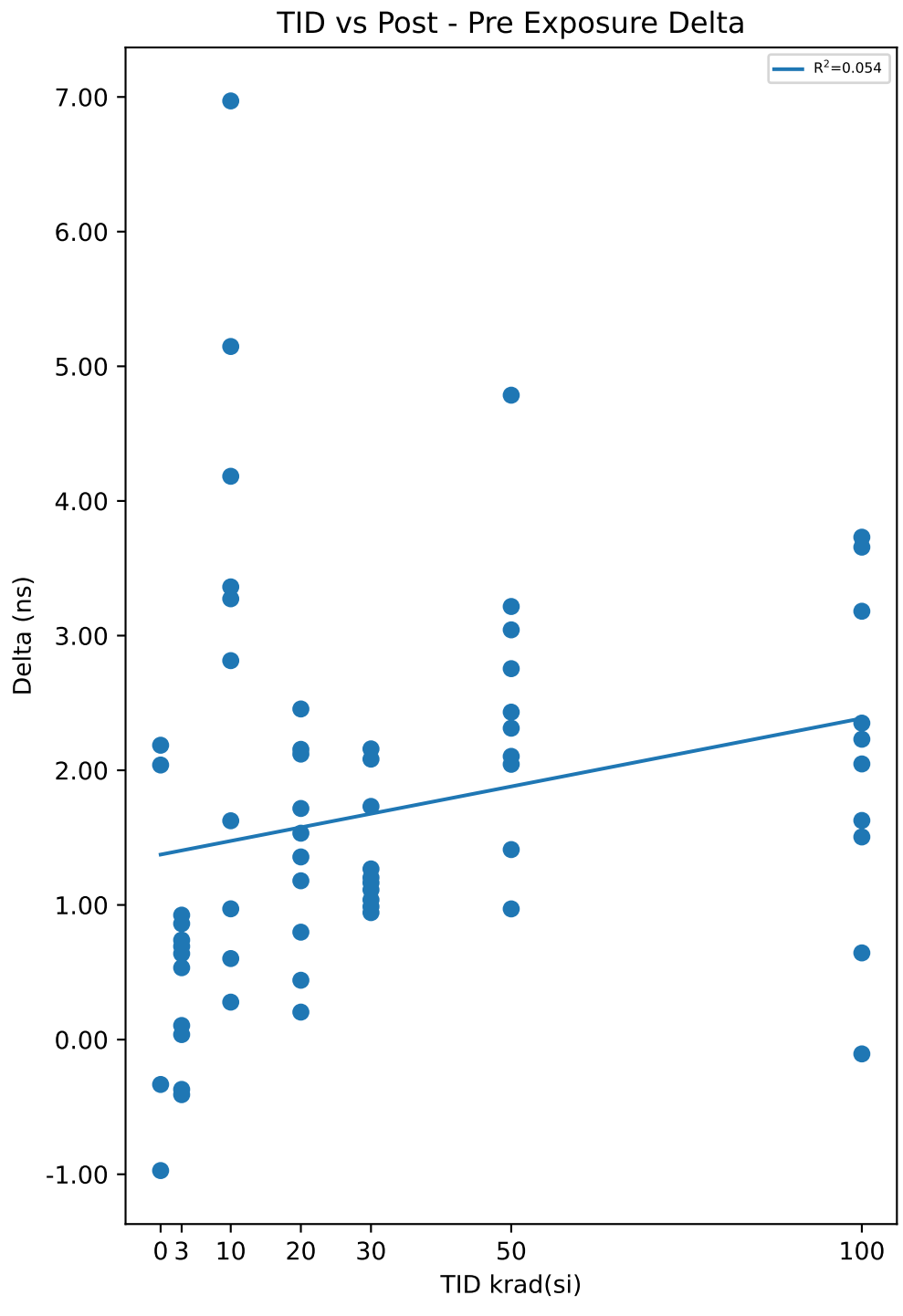
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	70.729	71.391	72.857	1.0038	70.454	72.156	73.432	1.2804	-0.8761	0.7652	2.679	1.8543
3	68.77	70.509	72.896	1.2941	69.685	70.587	73.189	1.1205	-0.6115	0.0771	0.9634	0.54728
10	68.77	70.509	72.896	1.2941	69.927	73.359	77.374	2.0861	-0.4155	2.8495	7.5844	2.3955
20	68.77	70.509	72.896	1.2941	70.36	72.093	74.714	1.5394	0.2688	1.5837	2.9409	0.73073
30	68.77	70.509	72.896	1.2941	70.733	72.057	74.455	1.348	0.3929	1.5473	2.682	0.77384
50	68.77	70.509	72.896	1.2941	71.835	73.226	74.173	0.7992	0.4661	2.7166	4.3544	1.2381
100	68.77	70.509	72.896	1.2941	71.036	72.686	74.433	1.1205	0.4095	2.176	4.5717	1.3302

Device Test: 28.34 TIMING|DELAY/CS/5/5/0/1000/5/100kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

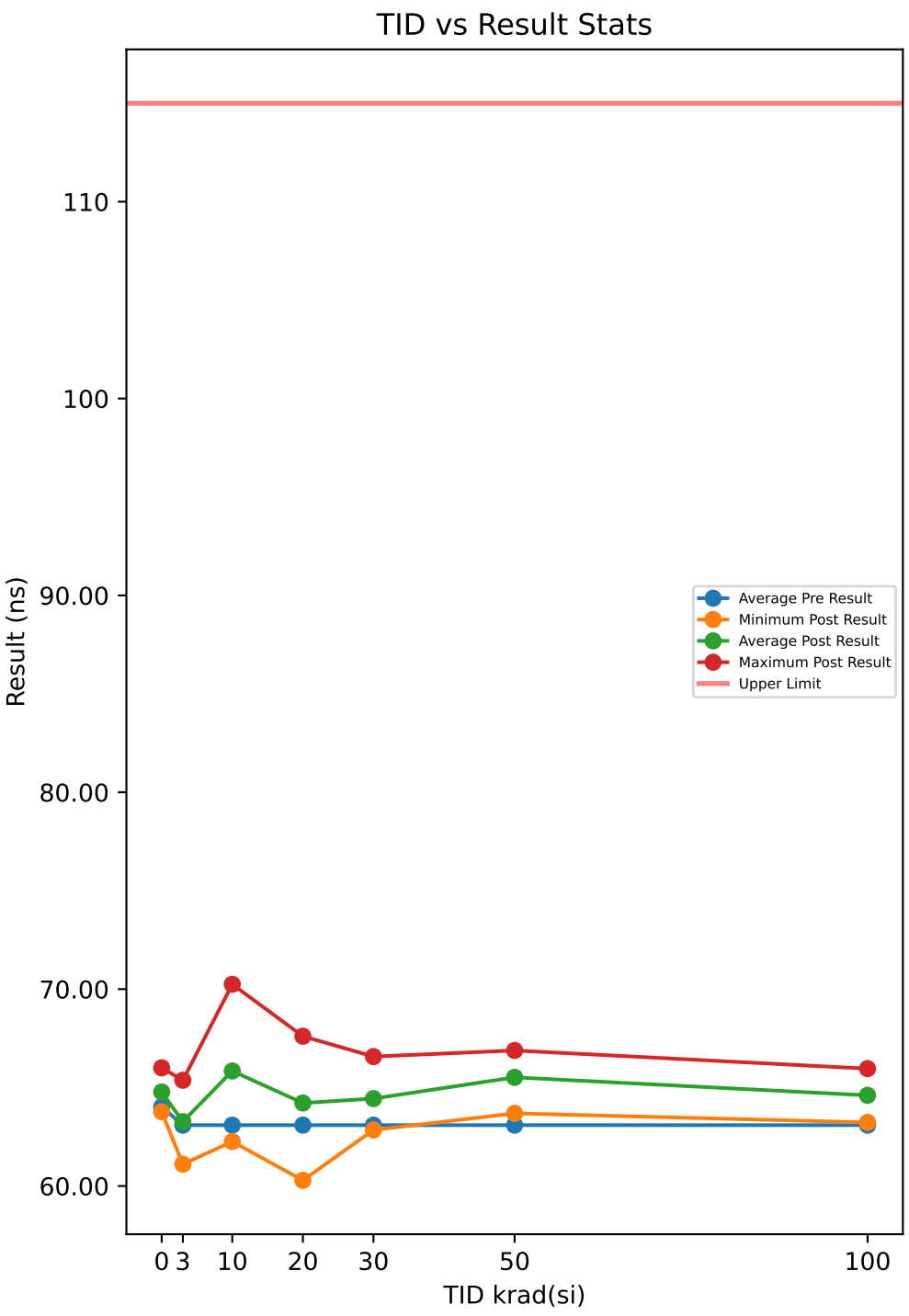
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	63.453	64.314	0.8609
2	3	LDR BIAS	63.623	64.315	0.6923
3	3	LDR BIAS	66.35	66.884	0.5337
4	3	LDR BIAS	66.035	66.139	0.1048
5	3	LDR BIAS	65.584	65.622	0.0374
6	3	LDR UNBIAS	64.651	64.281	-0.3698
7	3	LDR UNBIAS	66.995	67.633	0.6383
8	3	LDR UNBIAS	64.422	65.161	0.739
9	3	LDR UNBIAS	63.964	64.888	0.9244
10	3	LDR UNBIAS	64.969	64.561	-0.4088
11	0	CORRELATION	67.371	66.399	-0.9725
12	0	CORRELATION	65.945	65.612	-0.3331
13	0	CORRELATION	65.879	67.918	2.0391
14	0	CORRELATION	64.462	66.648	2.186
21	10	LDR BIAS	63.453	66.815	3.3619
22	10	LDR BIAS	63.623	68.77	5.147
23	10	LDR BIAS	66.35	67.975	1.6251
24	10	LDR BIAS	66.035	69.308	3.2734
25	10	LDR BIAS	65.584	65.863	0.2783
26	10	LDR UNBIAS	64.651	68.834	4.1832
27	10	LDR UNBIAS	66.995	67.966	0.9712
28	10	LDR UNBIAS	64.422	67.236	2.8142
29	10	LDR UNBIAS	63.964	64.566	0.6019
30	10	LDR UNBIAS	64.969	71.94	6.9705
31	20	LDR BIAS	63.453	64.809	1.3565
32	20	LDR BIAS	63.623	65.155	1.5327
33	20	LDR BIAS	66.35	68.505	2.1555
34	20	LDR BIAS	66.035	66.832	0.7979
35	20	LDR BIAS	65.584	67.301	1.7163
36	20	LDR UNBIAS	64.651	65.091	0.4408
37	20	LDR UNBIAS	66.995	69.115	2.1201
38	20	LDR UNBIAS	64.422	66.877	2.4553
39	20	LDR UNBIAS	63.964	65.143	1.1794
40	20	LDR UNBIAS	64.969	65.174	0.2042
41	30	LDR BIAS	63.453	65.536	2.0828
42	30	LDR BIAS	63.623	65.782	2.1589
43	30	LDR BIAS	66.35	68.082	1.7317
44	30	LDR BIAS	66.035	67.073	1.0383
45	30	LDR BIAS	65.584	66.788	1.2032
46	30	LDR UNBIAS	64.651	65.638	0.9875
47	30	LDR UNBIAS	66.995	68.263	1.2676
48	30	LDR UNBIAS	64.422	65.587	1.1643
49	30	LDR UNBIAS	63.964	65.076	1.1124
50	30	LDR UNBIAS	64.969	65.912	0.9429
51	50	LDR BIAS	63.453	66.496	3.0428
52	50	LDR BIAS	63.623	68.408	4.7854
53	50	LDR BIAS	66.35	68.453	2.1034
54	50	LDR BIAS	66.035	68.079	2.0444
55	50	LDR BIAS	65.584	68.339	2.7546
56	50	LDR UNBIAS	64.651	65.621	0.9706
57	50	LDR UNBIAS	66.995	68.406	1.4111
58	50	LDR UNBIAS	64.422	66.735	2.3124
59	50	LDR UNBIAS	63.964	66.396	2.4318
60	50	LDR UNBIAS	64.969	68.186	3.2162
61	100	LDR BIAS	63.453	67.184	3.7309
62	100	LDR BIAS	63.623	67.28	3.657
63	100	LDR BIAS	66.35	67.855	1.505
64	100	LDR BIAS	66.035	68.385	2.3503
65	100	LDR BIAS	65.584	68.766	3.1811
66	100	LDR UNBIAS	64.651	66.881	2.2305
67	100	LDR UNBIAS	66.995	66.889	-0.1061
68	100	LDR UNBIAS	64.422	65.066	0.6439
69	100	LDR UNBIAS	63.964	65.591	1.6273
70	100	LDR UNBIAS	64.969	67.017	2.0471

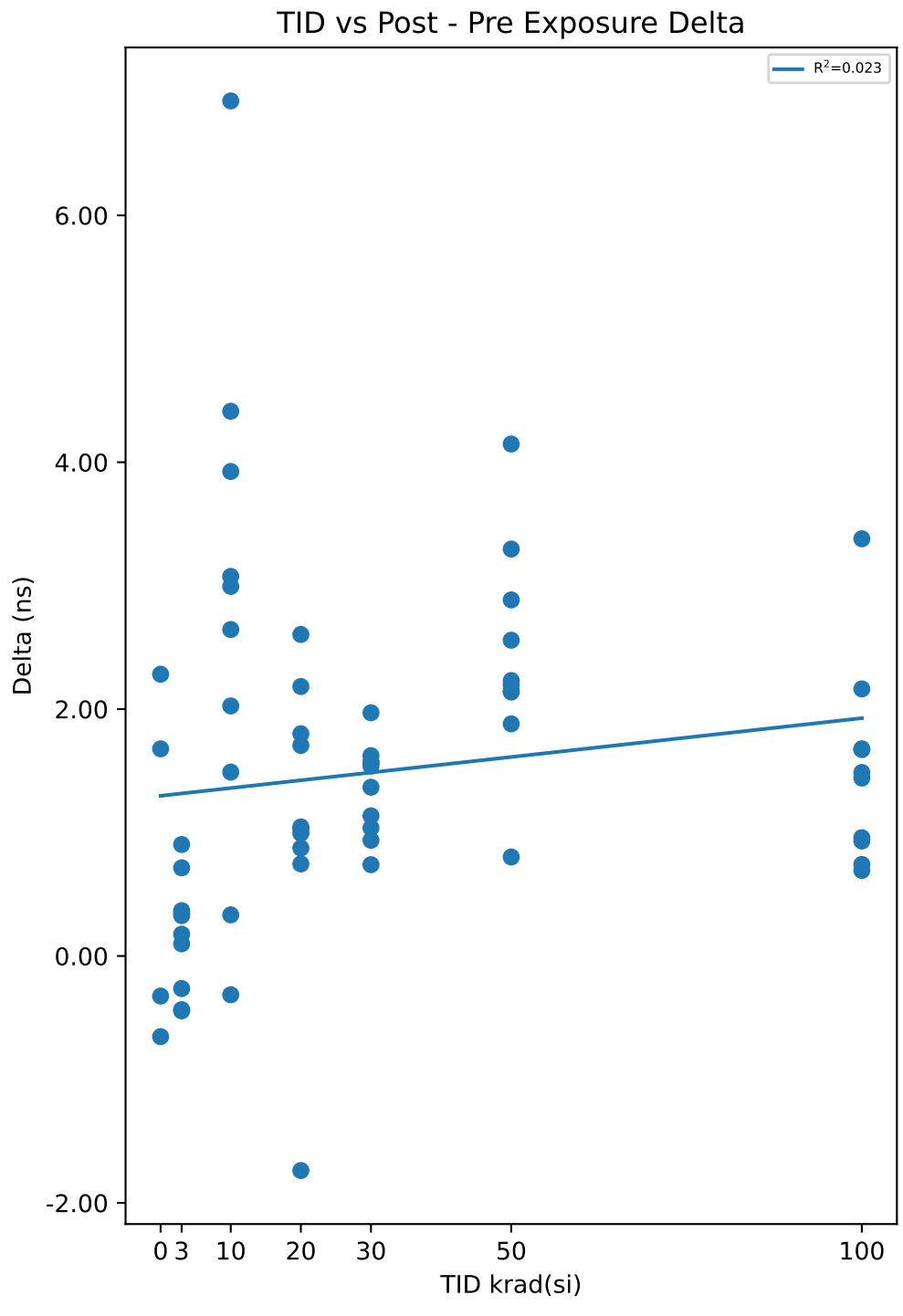


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	64.462	65.914	67.371	1.1881	65.612	66.644	67.918	0.95696	-0.9725	0.72987	2.186	1.6189
3	63.453	65.005	66.995	1.2034	64.281	65.38	67.633	1.1744	-0.4088	0.37522	0.9244	0.49684
10	63.453	65.005	66.995	1.2034	64.566	67.927	71.94	2.0227	0.2783	2.9227	6.9705	2.1375
20	63.453	65.005	66.995	1.2034	64.809	66.4	69.115	1.5601	0.2042	1.3959	2.4553	0.75156
30	63.453	65.005	66.995	1.2034	65.076	66.374	68.263	1.1183	0.9429	1.369	2.1589	0.45301
50	63.453	65.005	66.995	1.2034	65.621	67.512	68.453	1.0753	0.9706	2.5073	4.7854	1.0554
100	63.453	65.005	66.995	1.2034	65.066	67.091	68.766	1.1327	-0.1061	2.0867	3.7309	1.2427

Device Test: 28.35 TIMING|DELAY/CS/12/12/0/1000/5/100kHz//@CS_ILIM_DELAY





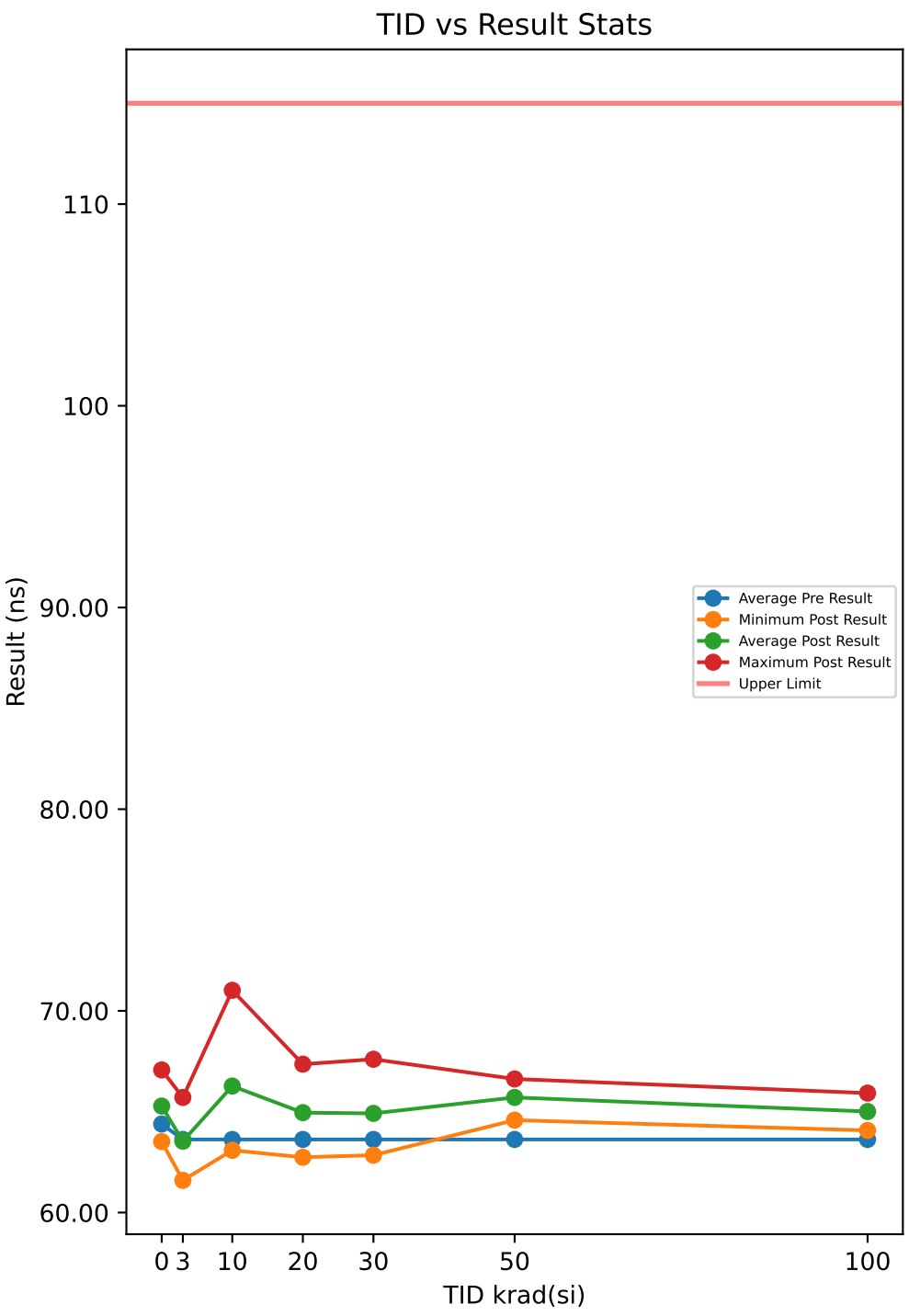
Test Results (Upper Limit = 115.0 (ns))

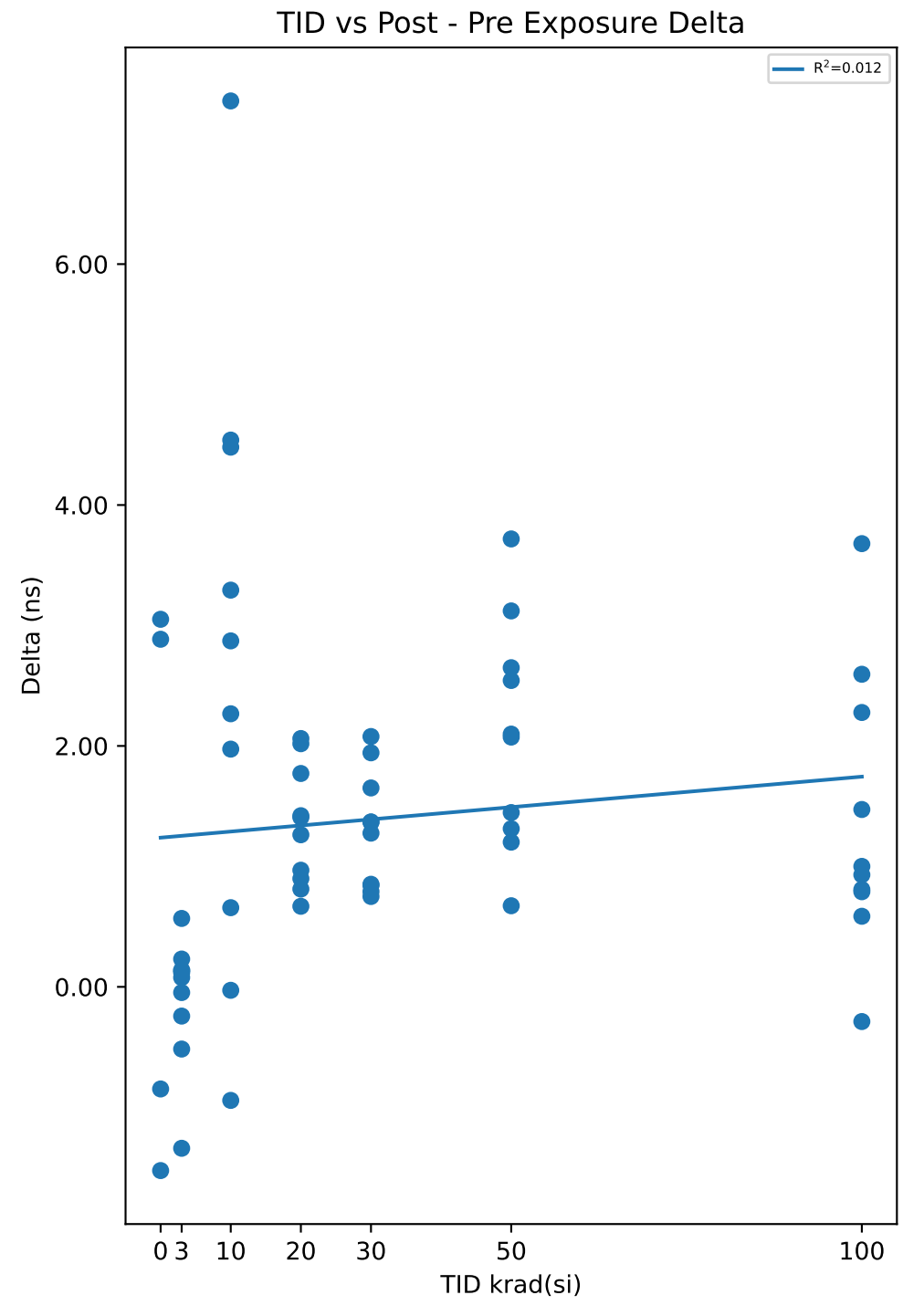
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	61.552	61.108	-0.4444
2	3	LDR BIAS	61.809	62.712	0.9034
3	3	LDR BIAS	64.15	64.478	0.3277
4	3	LDR BIAS	64.389	64.736	0.3469
5	3	LDR BIAS	63.503	63.239	-0.2639
6	3	LDR UNBIAS	62.026	62.74	0.7145
7	3	LDR UNBIAS	65.004	65.372	0.3675
8	3	LDR UNBIAS	62.589	62.765	0.1768
9	3	LDR UNBIAS	62.572	62.671	0.0984
10	3	LDR UNBIAS	63.319	62.884	-0.4346
11	0	CORRELATION	65.168	64.514	-0.6532
12	0	CORRELATION	64.093	63.768	-0.3246
13	0	CORRELATION	64.324	66.002	1.6781
14	0	CORRELATION	62.527	64.809	2.2827
21	10	LDR BIAS	61.552	64.627	3.075
22	10	LDR BIAS	61.809	66.222	4.413
23	10	LDR BIAS	64.15	65.64	1.4898
24	10	LDR BIAS	64.389	67.383	2.9939
25	10	LDR BIAS	63.503	63.836	0.3333
26	10	LDR UNBIAS	62.026	65.951	3.9251
27	10	LDR UNBIAS	65.004	67.03	2.0258
28	10	LDR UNBIAS	62.589	65.233	2.6446
29	10	LDR UNBIAS	62.572	62.258	-0.3143
30	10	LDR UNBIAS	63.319	70.246	6.9269
31	20	LDR BIAS	61.552	62.547	0.9943
32	20	LDR BIAS	61.809	62.854	1.0456
33	20	LDR BIAS	64.15	65.856	1.706
34	20	LDR BIAS	64.389	66.572	2.1829
35	20	LDR BIAS	63.503	64.533	1.03
36	20	LDR UNBIAS	62.026	60.287	-1.7382
37	20	LDR UNBIAS	65.004	67.609	2.6046
38	20	LDR UNBIAS	62.589	64.389	1.8003
39	20	LDR UNBIAS	62.572	63.446	0.8739
40	20	LDR UNBIAS	63.319	64.065	0.7458
41	30	LDR BIAS	61.552	63.091	1.5386
42	30	LDR BIAS	61.809	62.846	1.0374
43	30	LDR BIAS	64.15	66.121	1.9707
44	30	LDR BIAS	64.389	65.756	1.3672
45	30	LDR BIAS	63.503	64.441	0.938
46	30	LDR UNBIAS	62.026	63.648	1.6229
47	30	LDR UNBIAS	65.004	66.575	1.5711
48	30	LDR UNBIAS	62.589	63.724	1.1356
49	30	LDR UNBIAS	62.572	64.14	1.568
50	30	LDR UNBIAS	63.319	64.059	0.7399
51	50	LDR BIAS	61.552	63.691	2.1383
52	50	LDR BIAS	61.809	65.956	4.1474
53	50	LDR BIAS	64.15	64.952	0.8021
54	50	LDR BIAS	64.389	66.585	2.196
55	50	LDR BIAS	63.503	65.65	2.1468
56	50	LDR UNBIAS	62.026	65.322	3.2968
57	50	LDR UNBIAS	65.004	66.885	1.8805
58	50	LDR UNBIAS	62.589	64.82	2.2313
59	50	LDR UNBIAS	62.572	65.457	2.8847
60	50	LDR UNBIAS	63.319	65.877	2.5582
61	100	LDR BIAS	61.552	63.231	1.6784
62	100	LDR BIAS	61.809	65.189	3.38
63	100	LDR BIAS	64.15	65.082	0.9316
64	100	LDR BIAS	64.389	65.131	0.742
65	100	LDR BIAS	63.503	64.99	1.4868
66	100	LDR UNBIAS	62.026	64.189	2.1633
67	100	LDR UNBIAS	65.004	65.962	0.958
68	100	LDR UNBIAS	62.589	63.282	0.6931
69	100	LDR UNBIAS	62.572	64.245	1.6723
70	100	LDR UNBIAS	63.319	64.761	1.4416

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.527	64.028	65.168	1.1022	63.768	64.774	66.002	0.92885	-0.6532	0.74575	2.2827	1.4531
3	61.552	63.091	65.004	1.1718	61.108	63.27	65.372	1.2497	-0.4444	0.17923	0.9034	0.45523
10	61.552	63.091	65.004	1.1718	62.258	65.843	70.246	2.1626	-0.3143	2.7513	6.9269	2.0847
20	61.552	63.091	65.004	1.1718	60.287	64.216	67.609	2.1232	-1.7382	1.1245	2.6046	1.1804
30	61.552	63.091	65.004	1.1718	62.846	64.44	66.575	1.2846	0.7399	1.3489	1.9707	0.37678
50	61.552	63.091	65.004	1.1718	63.691	65.519	66.885	0.91489	0.8021	2.4282	4.1474	0.89041
100	61.552	63.091	65.004	1.1718	63.231	64.606	65.962	0.86933	0.6931	1.5147	3.38	0.80828

Device Test: 28.36 TIMING|DELAY/CS/14/14/0/1000/5/100kHz//@CS_ILIM_DELAY





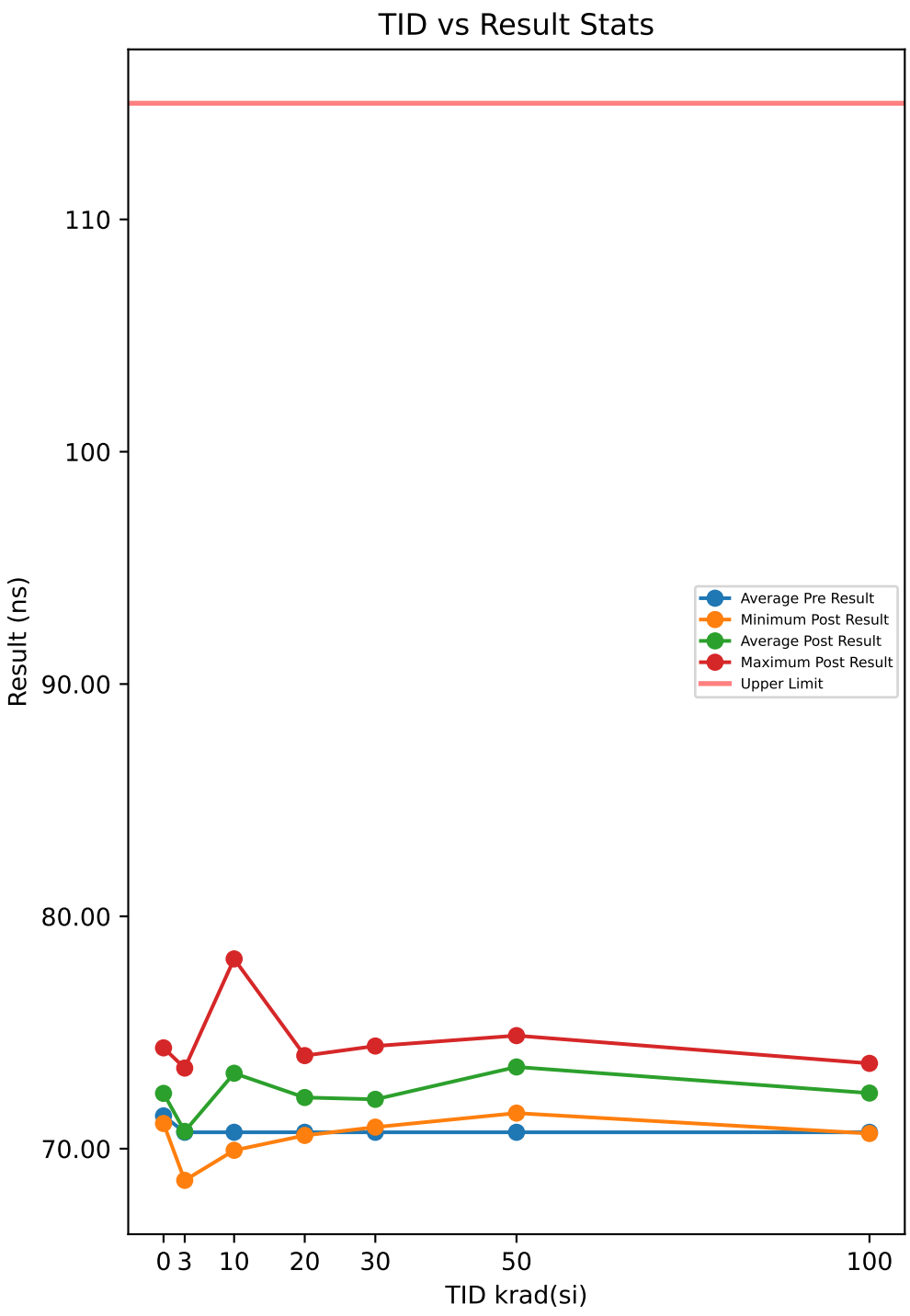
Test Results (Upper Limit = 115.0 (ns))

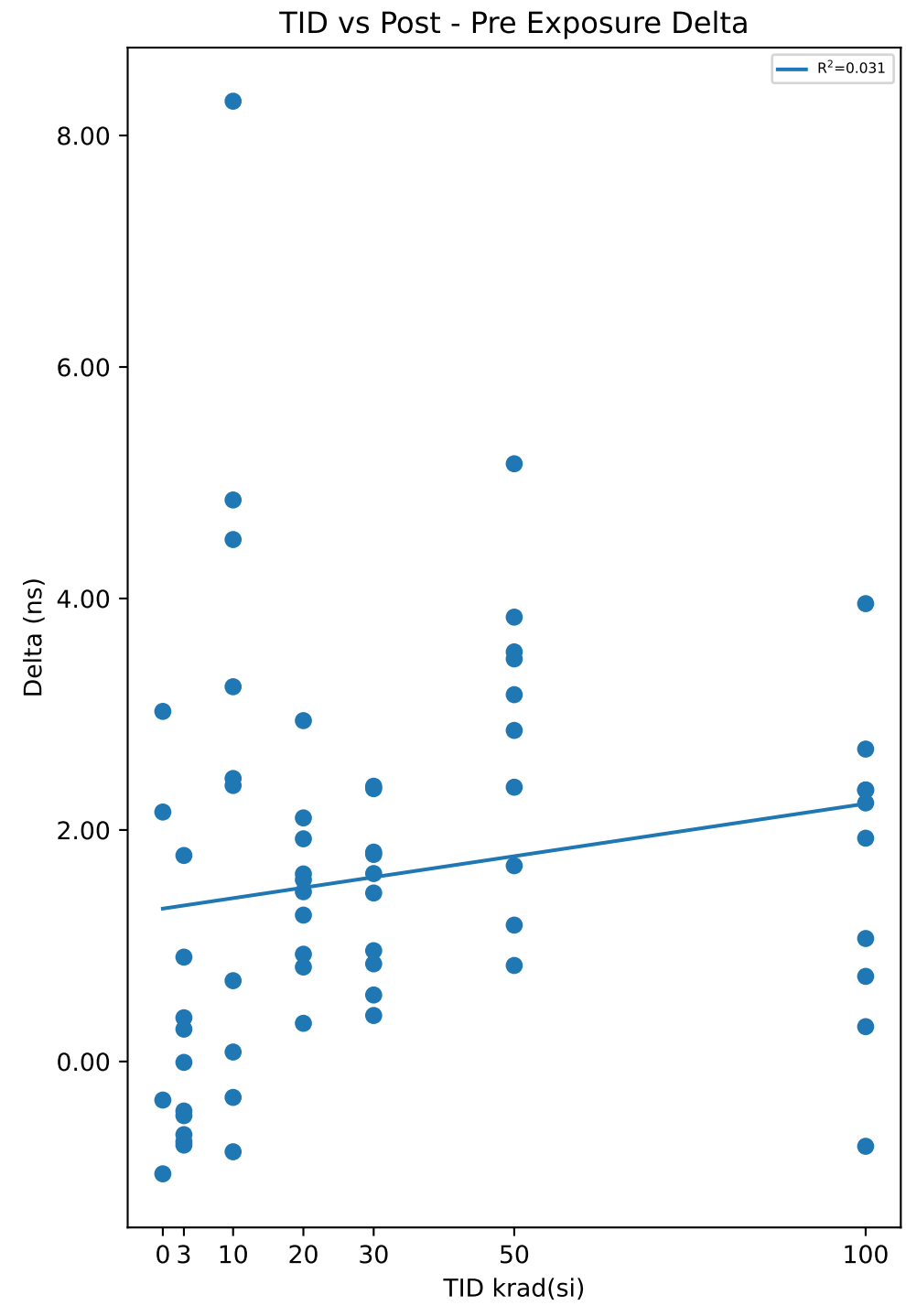
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	61.478	61.597	0.1189
2	3	LDR BIAS	61.848	62.416	0.568
3	3	LDR BIAS	64.456	64.533	0.0774
4	3	LDR BIAS	64.922	65.057	0.1358
5	3	LDR BIAS	64.451	63.111	-1.3401
6	3	LDR UNBIAS	62.984	63.123	0.1393
7	3	LDR UNBIAS	65.951	65.708	-0.2426
8	3	LDR UNBIAS	63.38	63.611	0.2309
9	3	LDR UNBIAS	63.117	63.07	-0.0472
10	3	LDR UNBIAS	63.665	63.149	-0.5163
11	0	CORRELATION	65.603	64.755	-0.8476
12	0	CORRELATION	65.043	63.518	-1.5251
13	0	CORRELATION	64.02	67.072	3.0515
14	0	CORRELATION	62.891	65.777	2.8857
21	10	LDR BIAS	61.478	64.772	3.2935
22	10	LDR BIAS	61.848	66.387	4.5392
23	10	LDR BIAS	64.456	66.43	1.9736
24	10	LDR BIAS	64.922	67.189	2.2671
25	10	LDR BIAS	64.451	63.508	-0.9426
26	10	LDR UNBIAS	62.984	67.464	4.4803
27	10	LDR UNBIAS	65.951	66.608	0.6573
28	10	LDR UNBIAS	63.38	66.252	2.8722
29	10	LDR UNBIAS	63.117	63.089	-0.0286
30	10	LDR UNBIAS	63.665	71.02	7.3546
31	20	LDR BIAS	61.478	62.741	1.2627
32	20	LDR BIAS	61.848	63.866	2.0185
33	20	LDR BIAS	64.456	66.227	1.7714
34	20	LDR BIAS	64.922	66.983	2.0615
35	20	LDR BIAS	64.451	65.35	0.8987
36	20	LDR UNBIAS	62.984	63.952	0.9684
37	20	LDR UNBIAS	65.951	67.358	1.4073
38	20	LDR UNBIAS	63.38	64.801	1.4209
39	20	LDR UNBIAS	63.117	63.786	0.6689
40	20	LDR UNBIAS	63.665	64.477	0.8121
41	30	LDR BIAS	61.478	62.845	1.3667
42	30	LDR BIAS	61.848	63.926	2.0782
43	30	LDR BIAS	64.456	66.399	1.943
44	30	LDR BIAS	64.922	66.198	1.2761
45	30	LDR BIAS	64.451	65.303	0.8517
46	30	LDR UNBIAS	62.984	63.826	0.8425
47	30	LDR UNBIAS	65.951	67.602	1.6513
48	30	LDR UNBIAS	63.38	64.75	1.3695
49	30	LDR UNBIAS	63.117	63.908	0.7911
50	30	LDR UNBIAS	63.665	64.415	0.7502
51	50	LDR BIAS	61.478	64.599	3.1209
52	50	LDR BIAS	61.848	65.566	3.7185
53	50	LDR BIAS	64.456	65.903	1.4468
54	50	LDR BIAS	64.922	66.234	1.3128
55	50	LDR BIAS	64.451	66.549	2.0983
56	50	LDR UNBIAS	62.984	65.633	2.6495
57	50	LDR UNBIAS	65.951	66.624	0.6733
58	50	LDR UNBIAS	63.38	64.582	1.2014
59	50	LDR UNBIAS	63.117	65.191	2.0736
60	50	LDR UNBIAS	63.665	66.209	2.5435
61	100	LDR BIAS	61.478	64.074	2.5951
62	100	LDR BIAS	61.848	65.527	3.6795
63	100	LDR BIAS	64.456	65.386	0.9303
64	100	LDR BIAS	64.922	65.508	0.586
65	100	LDR BIAS	64.451	65.923	1.4724
66	100	LDR UNBIAS	62.984	65.261	2.2778
67	100	LDR UNBIAS	65.951	65.663	-0.288
68	100	LDR UNBIAS	63.38	64.17	0.7897
69	100	LDR UNBIAS	63.117	64.117	1.0001
70	100	LDR UNBIAS	63.665	64.474	0.8087

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.891	64.389	65.603	1.1947	63.518	65.281	67.072	1.5095	-1.5251	0.89113	3.0515	2.4157
3	61.478	63.625	65.951	1.3728	61.597	63.538	65.708	1.2367	-1.3401	-0.08759	0.568	0.52501
10	61.478	63.625	65.951	1.3728	63.089	66.272	71.02	2.2355	-0.9426	2.6467	7.3546	2.4534
20	61.478	63.625	65.951	1.3728	62.741	64.954	67.358	1.5045	0.6689	1.329	2.0615	0.49942
30	61.478	63.625	65.951	1.3728	62.845	64.917	67.602	1.4513	0.7502	1.292	2.0782	0.48571
50	61.478	63.625	65.951	1.3728	64.582	65.709	66.624	0.73812	0.6733	2.0839	3.7185	0.94562
100	61.478	63.625	65.951	1.3728	64.074	65.01	65.923	0.71854	-0.288	1.3852	3.6795	1.1553

Device Test: 28.37 TIMING|DELAY/CS/4.5/4.5/0/1000/4.5/500kHz//@CS_ILIM_DELAY





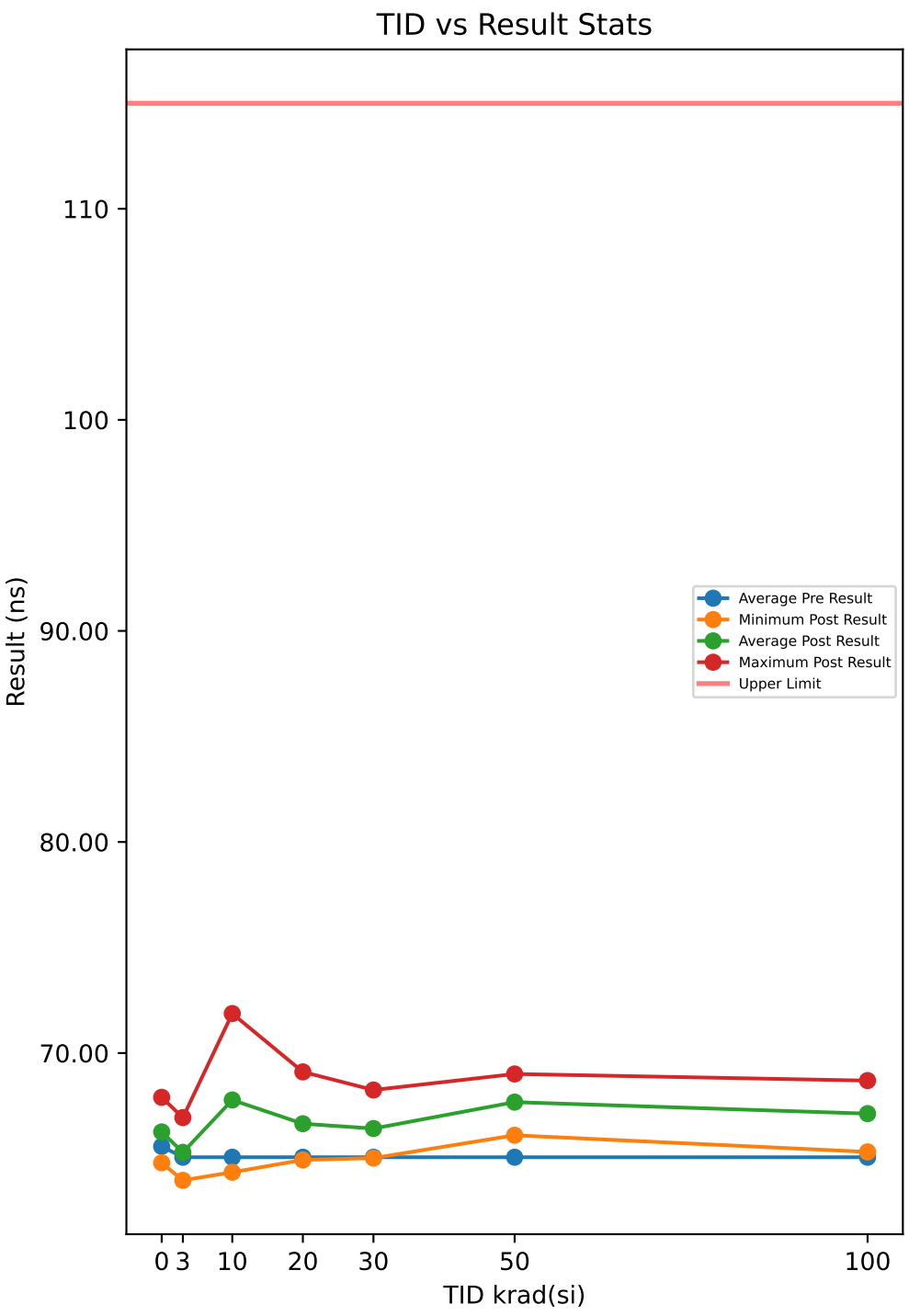
Test Results (Upper Limit = 115.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	69.359	68.637	-0.7221
2	3	LDR BIAS	69.009	70.789	1.7799
3	3	LDR BIAS	72.609	71.917	-0.6924
4	3	LDR BIAS	70.871	71.249	0.3779
5	3	LDR BIAS	71.328	70.696	-0.6319
6	3	LDR UNBIAS	70.226	69.758	-0.4678
7	3	LDR UNBIAS	73.19	73.469	0.2795
8	3	LDR UNBIAS	70.353	69.925	-0.4278
9	3	LDR UNBIAS	70.24	70.232	-0.0077
10	3	LDR UNBIAS	69.873	70.775	0.9017
11	0	CORRELATION	72.344	72.011	-0.3332
12	0	CORRELATION	72.054	71.083	-0.9704
13	0	CORRELATION	71.315	74.34	3.0246
14	0	CORRELATION	69.932	72.087	2.1552
21	10	LDR BIAS	69.359	71.804	2.4448
22	10	LDR BIAS	69.009	73.86	4.851
23	10	LDR BIAS	72.609	73.308	0.6981
24	10	LDR BIAS	70.871	74.108	3.2377
25	10	LDR BIAS	71.328	70.548	-0.7799
26	10	LDR UNBIAS	70.226	74.735	4.5092
27	10	LDR UNBIAS	73.19	73.272	0.0819
28	10	LDR UNBIAS	70.353	72.737	2.3845
29	10	LDR UNBIAS	70.24	69.93	-0.3102
30	10	LDR UNBIAS	69.873	78.169	8.296
31	20	LDR BIAS	69.359	70.928	1.5697
32	20	LDR BIAS	69.009	71.114	2.1044
33	20	LDR BIAS	72.609	73.874	1.2645
34	20	LDR BIAS	70.871	73.816	2.9448
35	20	LDR BIAS	71.328	72.794	1.4666
36	20	LDR UNBIAS	70.226	71.153	0.9269
37	20	LDR UNBIAS	73.19	74.006	0.8163
38	20	LDR UNBIAS	70.353	72.276	1.9239
39	20	LDR UNBIAS	70.24	70.57	0.3299
40	20	LDR UNBIAS	69.873	71.493	1.6202
41	30	LDR BIAS	69.359	71.148	1.7889
42	30	LDR BIAS	69.009	71.387	2.3782
43	30	LDR BIAS	72.609	74.418	1.8089
44	30	LDR BIAS	70.871	73.228	2.3568
45	30	LDR BIAS	71.328	72.951	1.6236
46	30	LDR UNBIAS	70.226	71.07	0.8437
47	30	LDR UNBIAS	73.19	73.587	0.3974
48	30	LDR UNBIAS	70.353	70.927	0.5746
49	30	LDR UNBIAS	70.24	71.198	0.9574
50	30	LDR UNBIAS	69.873	71.329	1.4558
51	50	LDR BIAS	69.359	72.837	3.478
52	50	LDR BIAS	69.009	74.173	5.1639
53	50	LDR BIAS	72.609	74.301	1.6914
54	50	LDR BIAS	70.871	73.731	2.8603
55	50	LDR BIAS	71.328	74.867	3.5387
56	50	LDR UNBIAS	70.226	73.395	3.169
57	50	LDR UNBIAS	73.19	74.019	0.8295
58	50	LDR UNBIAS	70.353	71.531	1.1782
59	50	LDR UNBIAS	70.24	72.61	2.3696
60	50	LDR UNBIAS	69.873	73.712	3.839
61	100	LDR BIAS	69.359	72.058	2.699
62	100	LDR BIAS	69.009	72.965	3.9555
63	100	LDR BIAS	72.609	73.672	1.0625
64	100	LDR BIAS	70.871	73.104	2.2337
65	100	LDR BIAS	71.328	73.673	2.3448
66	100	LDR UNBIAS	70.226	72.572	2.3461
67	100	LDR UNBIAS	73.19	72.457	-0.7326
68	100	LDR UNBIAS	70.353	70.654	0.301
69	100	LDR UNBIAS	70.24	70.975	0.7354
70	100	LDR UNBIAS	69.873	71.802	1.9291

Test Statistics (ns)

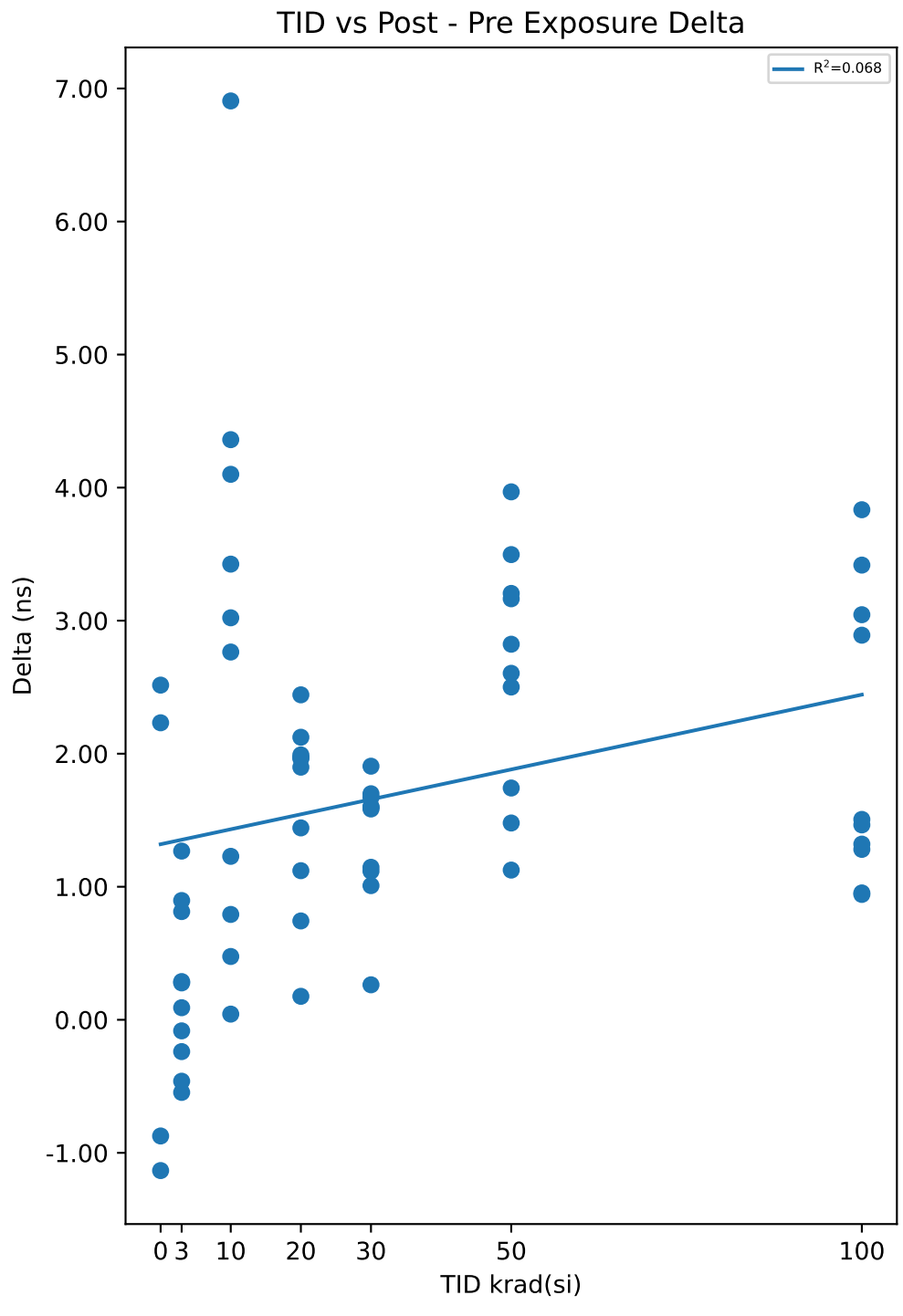
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	69.932	71.411	72.344	1.0769	71.083	72.38	74.34	1.3838	-0.9704	0.96905	3.0246	1.9226
3	69.009	70.706	73.19	1.3403	68.637	70.745	73.469	1.3085	-0.7221	0.03893	1.7799	0.81574
10	69.009	70.706	73.19	1.3403	69.93	73.247	78.169	2.314	-0.7799	2.5413	8.296	2.8176
20	69.009	70.706	73.19	1.3403	70.57	72.202	74.006	1.3368	0.3299	1.4967	2.9448	0.73585
30	69.009	70.706	73.19	1.3403	70.927	72.124	74.418	1.284	0.3974	1.4185	2.3782	0.70177
50	69.009	70.706	73.19	1.3403	71.531	73.517	74.867	0.96884	0.8295	2.8118	5.1639	1.3224
100	69.009	70.706	73.19	1.3403	70.654	72.393	73.673	1.0349	-0.7326	1.6875	3.9555	1.3526

Device Test: 28.38 TIMING|DELAY/CS/5/5/0/1000/5/500kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

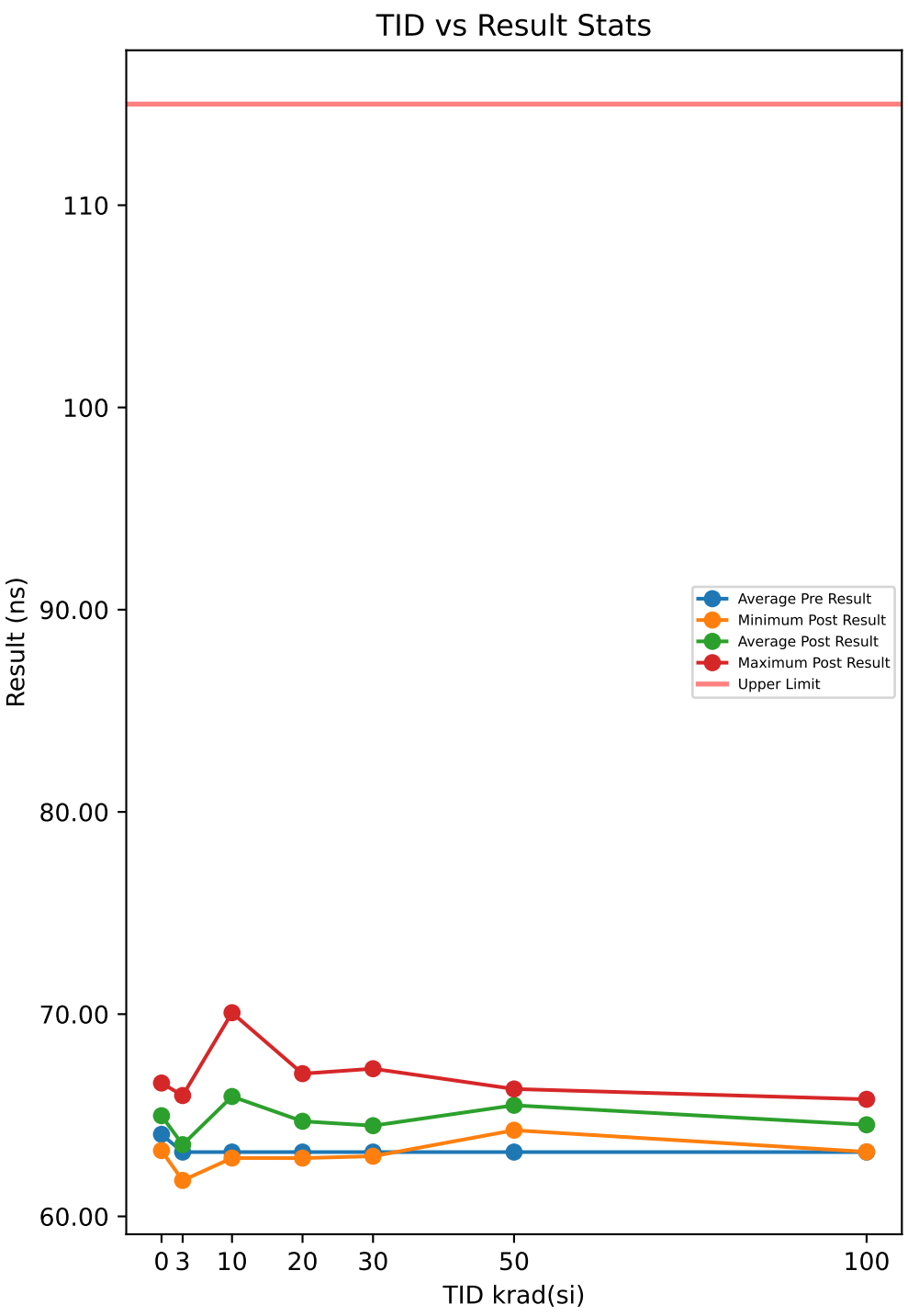
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	63.636	64.904	1.268
2	3	LDR BIAS	64.194	65.008	0.8135
3	3	LDR BIAS	66.984	66.901	-0.0832
4	3	LDR BIAS	66.175	65.63	-0.5458
5	3	LDR BIAS	65.804	65.564	-0.2391
6	3	LDR UNBIAS	63.978	64.266	0.2872
7	3	LDR UNBIAS	66.665	66.942	0.2773
8	3	LDR UNBIAS	64.363	65.259	0.8964
9	3	LDR UNBIAS	63.878	63.968	0.0908
10	3	LDR UNBIAS	64.964	64.503	-0.4616
11	0	CORRELATION	66.666	65.793	-0.8733
12	0	CORRELATION	65.934	64.8	-1.1333
13	0	CORRELATION	65.387	67.903	2.5156
14	0	CORRELATION	64.321	66.554	2.2324
21	10	LDR BIAS	63.636	66.4	2.7642
22	10	LDR BIAS	64.194	68.294	4.1
23	10	LDR BIAS	66.984	67.776	0.7919
24	10	LDR BIAS	66.175	69.197	3.0215
25	10	LDR BIAS	65.804	65.846	0.0427
26	10	LDR UNBIAS	63.978	68.339	4.3604
27	10	LDR UNBIAS	66.665	67.893	1.2286
28	10	LDR UNBIAS	64.363	67.787	3.4249
29	10	LDR UNBIAS	63.878	64.353	0.4758
30	10	LDR UNBIAS	64.964	71.871	6.9064
31	20	LDR BIAS	63.636	65.608	1.9725
32	20	LDR BIAS	64.194	64.937	0.743
33	20	LDR BIAS	66.984	68.975	1.991
34	20	LDR BIAS	66.175	68.299	2.1237
35	20	LDR BIAS	65.804	67.246	1.4423
36	20	LDR UNBIAS	63.978	65.099	1.1207
37	20	LDR UNBIAS	66.665	69.107	2.4425
38	20	LDR UNBIAS	64.363	66.326	1.9629
39	20	LDR UNBIAS	63.878	65.776	1.8988
40	20	LDR UNBIAS	64.964	65.141	0.1764
41	30	LDR BIAS	63.636	65.542	1.9061
42	30	LDR BIAS	64.194	65.866	1.672
43	30	LDR BIAS	66.984	67.993	1.0085
44	30	LDR BIAS	66.175	67.779	1.6032
45	30	LDR BIAS	65.804	67.401	1.5973
46	30	LDR UNBIAS	63.978	65.677	1.699
47	30	LDR UNBIAS	66.665	68.249	1.5845
48	30	LDR UNBIAS	64.363	65.48	1.1172
49	30	LDR UNBIAS	63.878	65.024	1.1463
50	30	LDR UNBIAS	64.964	65.227	0.263
51	50	LDR BIAS	63.636	66.459	2.8229
52	50	LDR BIAS	64.194	67.691	3.4966
53	50	LDR BIAS	66.984	68.463	1.4791
54	50	LDR BIAS	66.175	68.78	2.6042
55	50	LDR BIAS	65.804	69.008	3.2047
56	50	LDR UNBIAS	63.978	67.947	3.9682
57	50	LDR UNBIAS	66.665	67.79	1.1252
58	50	LDR UNBIAS	64.363	66.105	1.7421
59	50	LDR UNBIAS	63.878	66.379	2.5012
60	50	LDR UNBIAS	64.964	68.129	3.1644
61	100	LDR BIAS	63.636	67.053	3.4177
62	100	LDR BIAS	64.194	68.028	3.8337
63	100	LDR BIAS	66.984	68.304	1.3204
64	100	LDR BIAS	66.175	67.456	1.2809
65	100	LDR BIAS	65.804	68.694	2.8908
66	100	LDR UNBIAS	63.978	67.023	3.0447
67	100	LDR UNBIAS	66.665	67.607	0.9424
68	100	LDR UNBIAS	64.363	65.316	0.9535
69	100	LDR UNBIAS	63.878	65.343	1.4649
70	100	LDR UNBIAS	64.964	66.47	1.506



Test Statistics (ns)

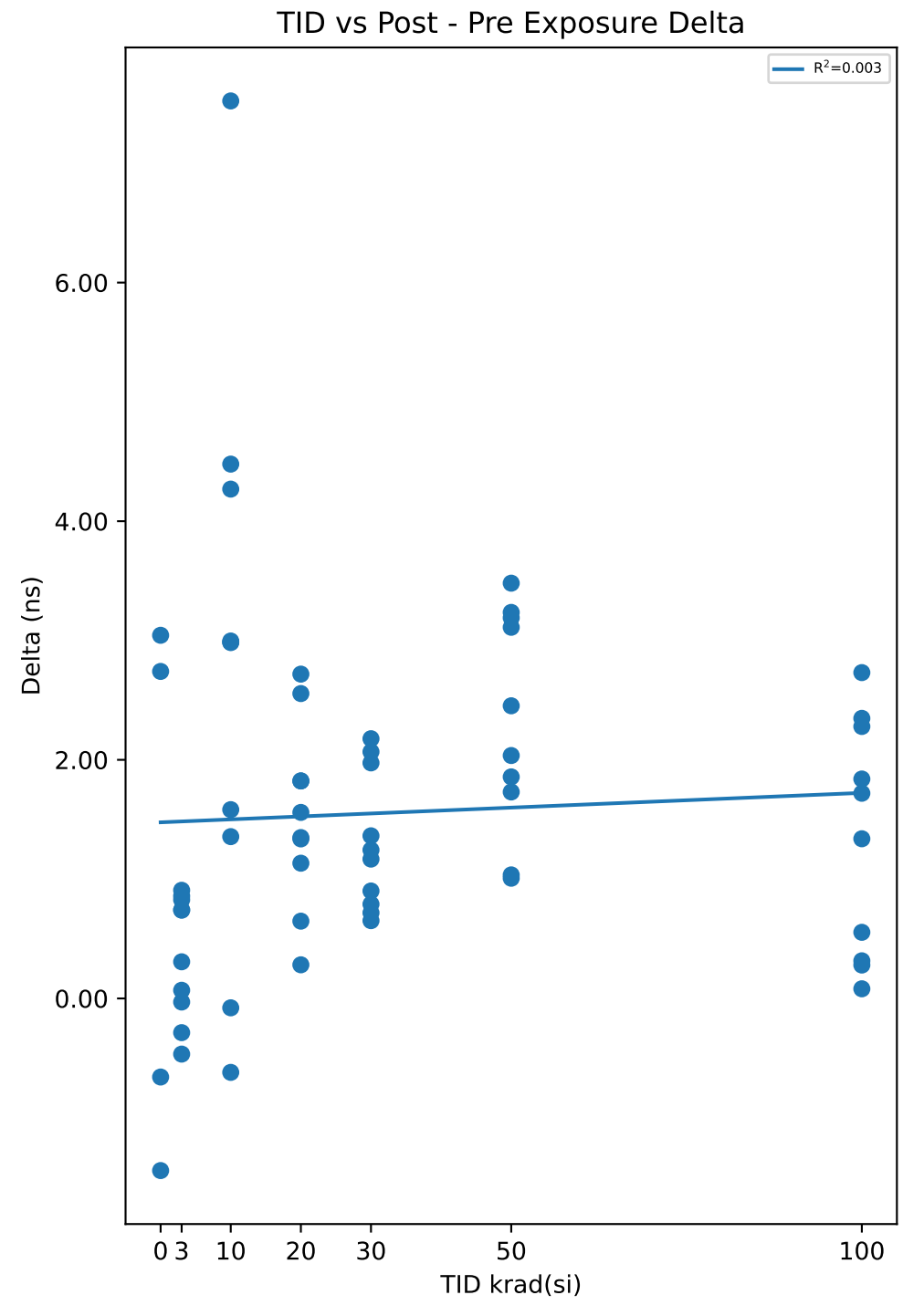
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	64.321	65.577	66.666	0.98769	64.8	66.262	67.903	1.3081	-1.1333	0.68535	2.5156	1.9562
3	63.636	65.064	66.984	1.2434	63.968	65.294	66.942	1.0088	-0.5458	0.23035	1.268	0.60417
10	63.636	65.064	66.984	1.2434	64.353	67.776	71.871	2.0198	0.0427	2.7116	6.9064	2.1306
20	63.636	65.064	66.984	1.2434	64.937	66.651	69.107	1.636	0.1764	1.5874	2.4425	0.70795
30	63.636	65.064	66.984	1.2434	65.024	66.424	68.249	1.2698	0.263	1.3597	1.9061	0.48396
50	63.636	65.064	66.984	1.2434	66.105	67.675	69.008	1.0294	1.1252	2.6109	3.9682	0.91808
100	63.636	65.064	66.984	1.2434	65.316	67.13	68.694	1.1501	0.9424	2.0655	3.8337	1.1024

Device Test: 28.39 TIMING|DELAY/CS/12/12/0/1000/5/500kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

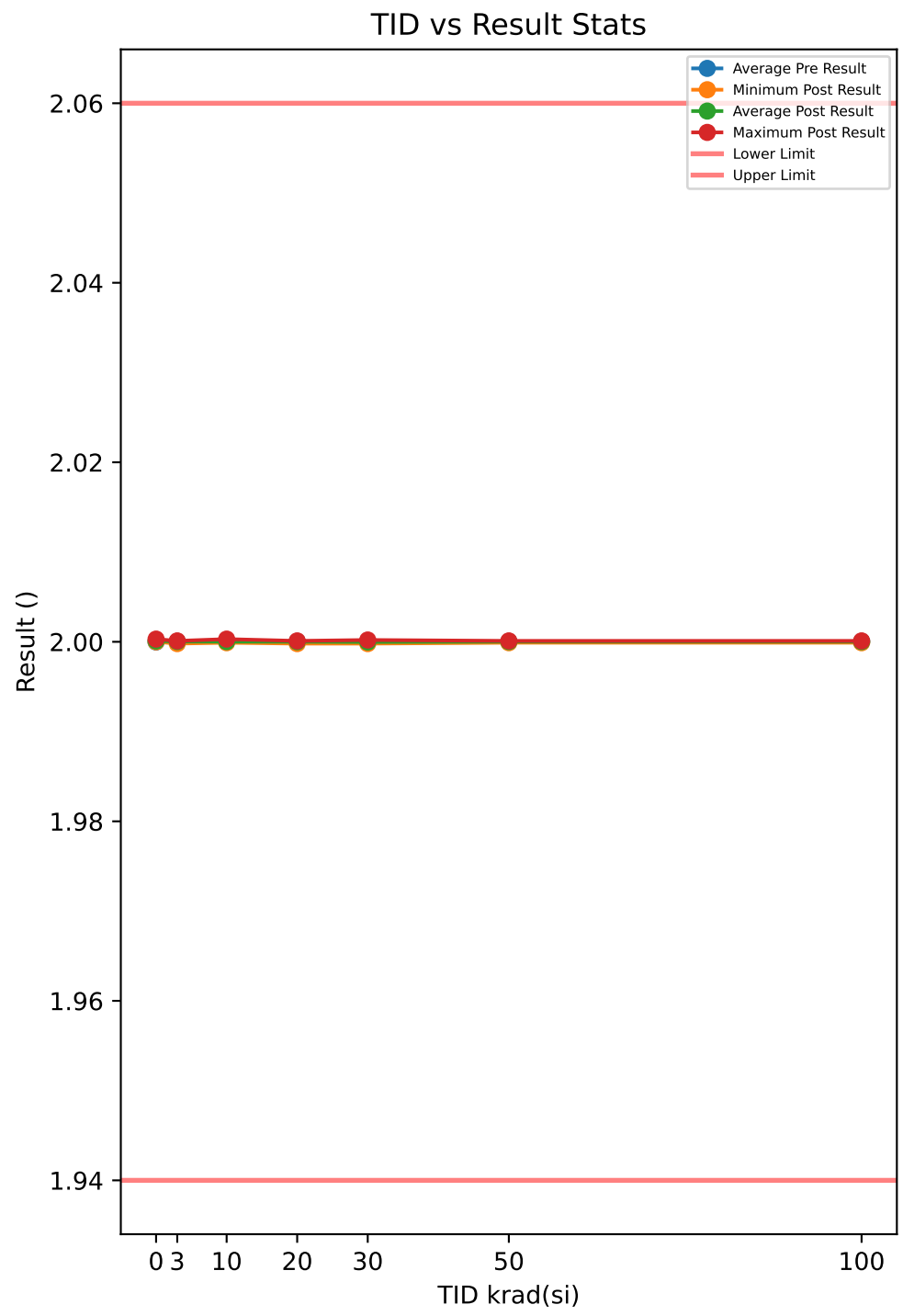
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	61.807	61.777	-0.03
2	3	LDR BIAS	61.748	62.056	0.3072
3	3	LDR BIAS	64.123	64.95	0.8268
4	3	LDR BIAS	63.806	64.713	0.9066
5	3	LDR BIAS	63.189	62.902	-0.2866
6	3	LDR UNBIAS	62.727	62.795	0.0685
7	3	LDR UNBIAS	65.235	65.975	0.7401
8	3	LDR UNBIAS	63.111	63.853	0.7421
9	3	LDR UNBIAS	63.504	63.038	-0.4665
10	3	LDR UNBIAS	62.548	63.407	0.8582
11	0	CORRELATION	65.223	64.564	-0.6586
12	0	CORRELATION	64.696	63.253	-1.4427
13	0	CORRELATION	63.853	66.594	2.7409
14	0	CORRELATION	62.458	65.502	3.0438
21	10	LDR BIAS	61.807	64.792	2.9848
22	10	LDR BIAS	61.748	66.227	4.4785
23	10	LDR BIAS	64.123	65.479	1.3562
24	10	LDR BIAS	63.806	66.802	2.9958
25	10	LDR BIAS	63.189	63.11	-0.0786
26	10	LDR UNBIAS	62.727	66.996	4.269
27	10	LDR UNBIAS	65.235	66.817	1.5824
28	10	LDR UNBIAS	63.111	66.094	2.9831
29	10	LDR UNBIAS	63.504	62.884	-0.6197
30	10	LDR UNBIAS	62.548	70.071	7.5225
31	20	LDR BIAS	61.807	63.156	1.3485
32	20	LDR BIAS	61.748	62.882	1.1335
33	20	LDR BIAS	64.123	66.678	2.5553
34	20	LDR BIAS	63.806	66.525	2.7183
35	20	LDR BIAS	63.189	65.012	1.8231
36	20	LDR UNBIAS	62.727	63.009	0.2819
37	20	LDR UNBIAS	65.235	67.058	1.8229
38	20	LDR UNBIAS	63.111	64.448	1.3371
39	20	LDR UNBIAS	63.504	64.152	0.6478
40	20	LDR UNBIAS	62.548	64.108	1.5593
41	30	LDR BIAS	61.807	62.975	1.1679
42	30	LDR BIAS	61.748	62.993	1.2444
43	30	LDR BIAS	64.123	66.097	1.9743
44	30	LDR BIAS	63.806	65.983	2.1769
45	30	LDR BIAS	63.189	64.552	1.3631
46	30	LDR UNBIAS	62.727	63.627	0.9006
47	30	LDR UNBIAS	65.235	67.302	2.0673
48	30	LDR UNBIAS	63.111	63.763	0.6519
49	30	LDR UNBIAS	63.504	64.222	0.7179
50	30	LDR UNBIAS	62.548	63.339	0.7902
51	50	LDR BIAS	61.807	64.26	2.4528
52	50	LDR BIAS	61.748	65.229	3.4806
53	50	LDR BIAS	64.123	65.131	1.0076
54	50	LDR BIAS	63.806	65.843	2.036
55	50	LDR BIAS	63.189	66.299	3.1109
56	50	LDR UNBIAS	62.727	65.962	3.2357
57	50	LDR UNBIAS	65.235	66.27	1.0354
58	50	LDR UNBIAS	63.111	64.841	1.7306
59	50	LDR UNBIAS	63.504	65.361	1.857
60	50	LDR UNBIAS	62.548	65.739	3.1902
61	100	LDR BIAS	61.807	63.646	1.8391
62	100	LDR BIAS	61.748	64.48	2.731
63	100	LDR BIAS	64.123	64.403	0.28
64	100	LDR BIAS	63.806	65.145	1.3383
65	100	LDR BIAS	63.189	64.908	1.7198
66	100	LDR UNBIAS	62.727	65.074	2.3476
67	100	LDR UNBIAS	65.235	65.789	0.5543
68	100	LDR UNBIAS	63.111	63.192	0.0808
69	100	LDR UNBIAS	63.504	63.819	0.3154
70	100	LDR UNBIAS	62.548	64.828	2.2795



Test Statistics (ns)

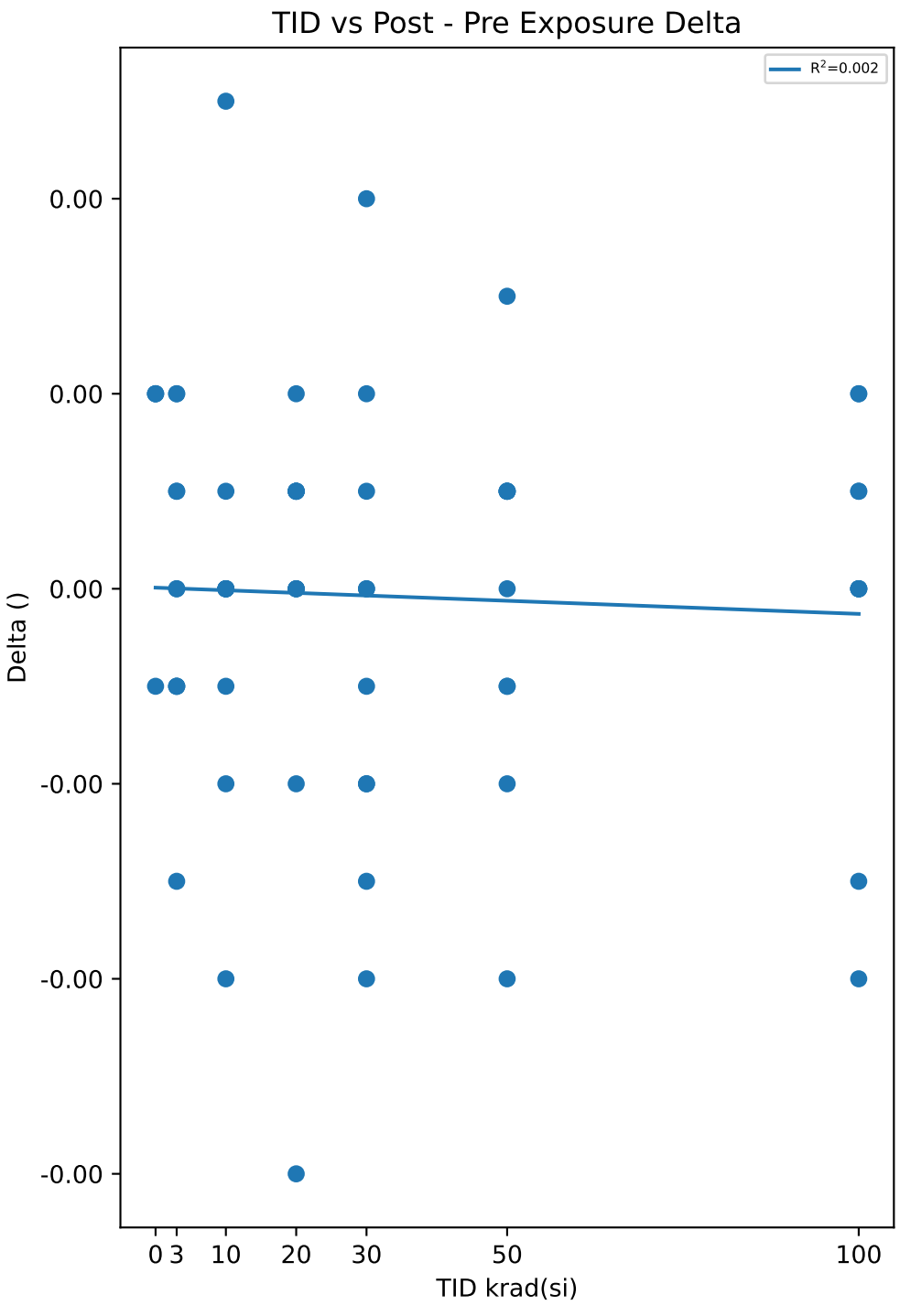
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.458	64.058	65.223	1.2063	63.253	64.978	66.594	1.4179	-1.4427	0.92085	3.0438	2.3022
3	61.748	63.18	65.235	1.0621	61.777	63.547	65.975	1.3306	-0.4665	0.36664	0.9066	0.51596
10	61.748	63.18	65.235	1.0621	62.884	65.927	70.071	2.0729	-0.6197	2.7474	7.5225	2.3782
20	61.748	63.18	65.235	1.0621	62.882	64.703	67.058	1.5694	0.2819	1.5228	2.7183	0.76002
30	61.748	63.18	65.235	1.0621	62.975	64.485	67.302	1.4882	0.6519	1.3054	2.1769	0.57878
50	61.748	63.18	65.235	1.0621	64.26	65.494	66.299	0.65155	1.0076	2.3137	3.4806	0.91897
100	61.748	63.18	65.235	1.0621	63.192	64.528	65.789	0.78793	0.0808	1.3486	2.731	0.97762

Device Test: 28.4 LEVEL|RATIO/CS/14/14/0/0/5/500kHz//@C_CS_R



Test Results (Lower Limit = 1.94, Upper Limit = 2.06 ())

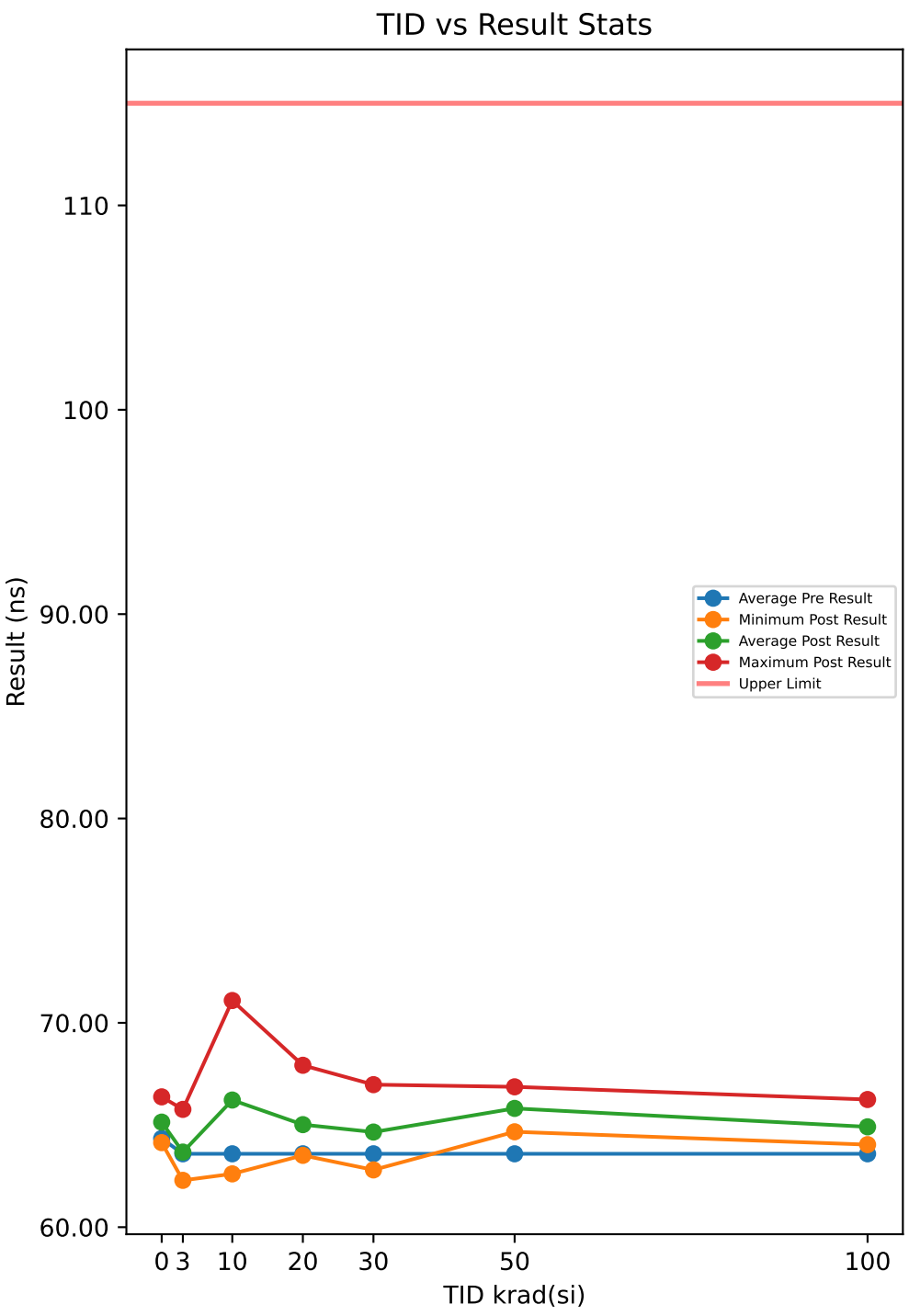
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	1.9999	1.9999	0
2	3	LDR BIAS	2.0004	2.0001	-0.0003
3	3	LDR BIAS	2.0001	2	-0.0001
4	3	LDR BIAS	2	2.0001	0.0001
5	3	LDR BIAS	1.9999	2.0001	0.0002
6	3	LDR UNBIAS	2.0001	2.0001	0
7	3	LDR UNBIAS	2.0002	2.0001	-0.0001
8	3	LDR UNBIAS	1.9999	1.9998	-0.0001
9	3	LDR UNBIAS	1.9998	2	0.0002
10	3	LDR UNBIAS	2	2.0001	0.0001
11	0	CORRELATION	1.9998	2	0.0002
12	0	CORRELATION	2.0001	2.0003	0.0002
13	0	CORRELATION	1.9999	2.0001	0.0002
14	0	CORRELATION	2.0001	2	-0.0001
21	10	LDR BIAS	1.9999	1.9999	0
22	10	LDR BIAS	2.0004	2	-0.0004
23	10	LDR BIAS	2.0001	2.0001	0
24	10	LDR BIAS	2	2.0001	0.0001
25	10	LDR BIAS	1.9999	1.9999	0
26	10	LDR UNBIAS	2.0001	1.9999	-0.0002
27	10	LDR UNBIAS	2.0002	2.0001	-0.0001
28	10	LDR UNBIAS	1.9999	1.9999	0
29	10	LDR UNBIAS	1.9998	2.0003	0.0005
30	10	LDR UNBIAS	2	2	0
31	20	LDR BIAS	1.9999	2	0.0001
32	20	LDR BIAS	2.0004	1.9998	-0.0006
33	20	LDR BIAS	2.0001	2.0001	0
34	20	LDR BIAS	2	2	0
35	20	LDR BIAS	1.9999	2	0.0001
36	20	LDR UNBIAS	2.0001	2.0001	0
37	20	LDR UNBIAS	2.0002	2	-0.0002
38	20	LDR UNBIAS	1.9999	2	0.0001
39	20	LDR UNBIAS	1.9998	2	0.0002
40	20	LDR UNBIAS	2	2.0001	0.0001
41	30	LDR BIAS	1.9999	2	0.0001
42	30	LDR BIAS	2.0004	2	-0.0004
43	30	LDR BIAS	2.0001	2	-0.0001
44	30	LDR BIAS	2	1.9998	-0.0002
45	30	LDR BIAS	1.9999	2.0001	0.0002
46	30	LDR UNBIAS	2.0001	2.0001	0
47	30	LDR UNBIAS	2.0002	1.9999	-0.0003
48	30	LDR UNBIAS	1.9999	1.9999	0
49	30	LDR UNBIAS	1.9998	2.0002	0.0004
50	30	LDR UNBIAS	2	1.9998	-0.0002
51	50	LDR BIAS	1.9999	2	0.0001
52	50	LDR BIAS	2.0004	2	-0.0004
53	50	LDR BIAS	2.0001	1.9999	-0.0002
54	50	LDR BIAS	2	1.9999	-0.0001
55	50	LDR BIAS	1.9999	2	0.0001
56	50	LDR UNBIAS	2.0001	2.0001	0
57	50	LDR UNBIAS	2.0002	2.0001	-0.0001
58	50	LDR UNBIAS	1.9999	2	0.0001
59	50	LDR UNBIAS	1.9998	2.0001	0.0003
60	50	LDR UNBIAS	2	2.0001	0.0001
61	100	LDR BIAS	1.9999	1.9999	0
62	100	LDR BIAS	2.0004	2	-0.0004
63	100	LDR BIAS	2.0001	2.0001	0
64	100	LDR BIAS	2	2.0001	0.0001
65	100	LDR BIAS	1.9999	2.0001	0.0002
66	100	LDR UNBIAS	2.0001	2.0001	0
67	100	LDR UNBIAS	2.0002	1.9999	-0.0003
68	100	LDR UNBIAS	1.9999	1.9999	0
69	100	LDR UNBIAS	1.9998	2	0.0002
70	100	LDR UNBIAS	2	2.0001	0.0001



Test Statistics ()

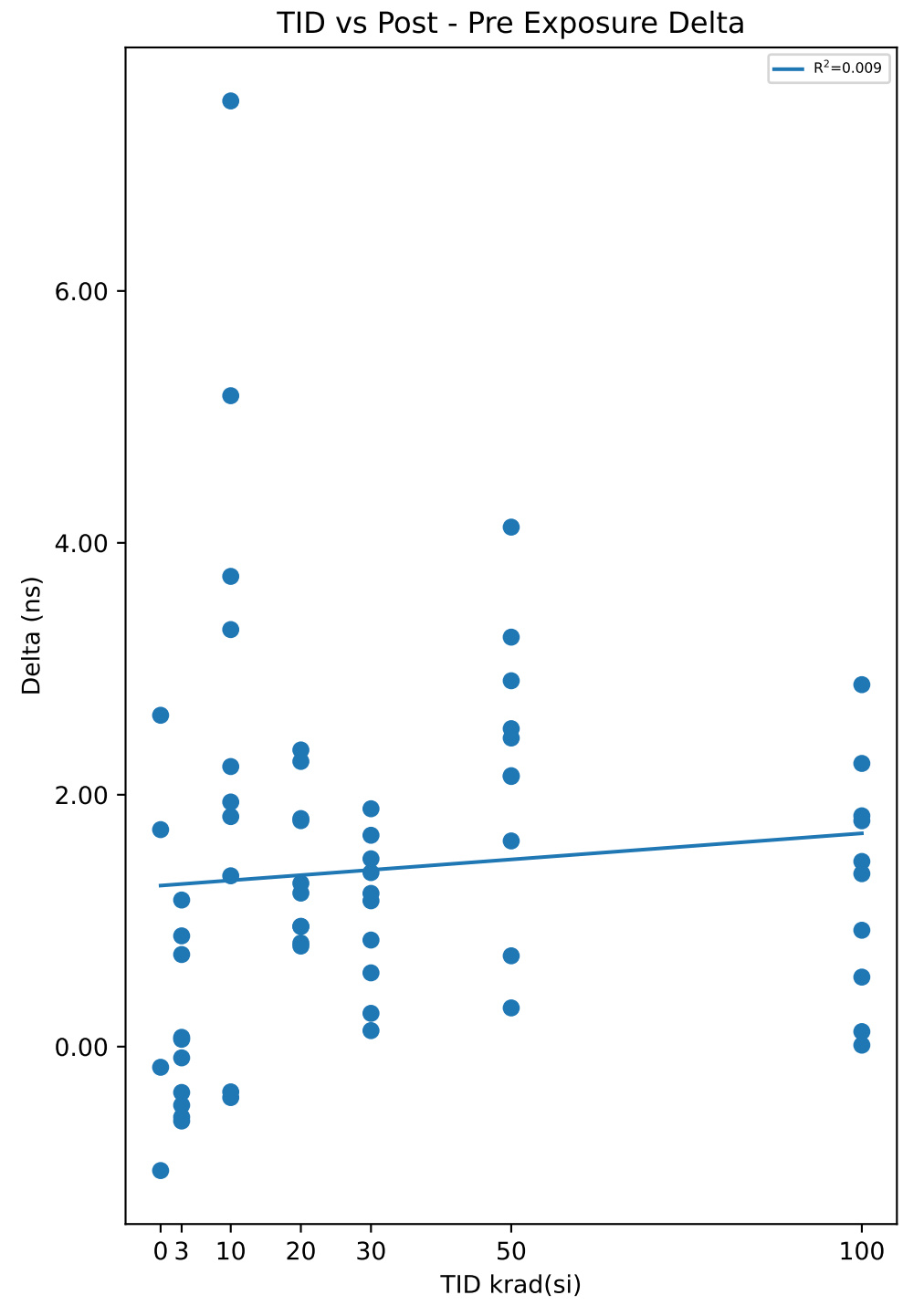
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9998	2	2.0001	0.00015	2	2.0001	2.0003	0.00014142	-0.0001	0.000125	0.0002	0.00015
3	1.9998	2	2.0004	0.0001767	1.9998	2	2.0001	0.00010593	-0.0003	8.8818e-17	0.0002	0.00015635
10	1.9998	2	2.0004	0.0001767	1.9999	2	2.0003	0.00013166	-0.0004	-1e-05	0.0005	0.00022828
20	1.9998	2	2.0004	0.0001767	1.9998	2	2.0001	8.756e-05	-0.0006	-2e-05	0.0002	0.00022998
30	1.9998	2	2.0004	0.0001767	1.9998	2	2.0002	0.00013166	-0.0004	-5e-05	0.0004	0.00024152
50	1.9998	2	2.0004	0.0001767	1.9999	2	2.0001	7.8881e-05	-0.0004	-1e-05	0.0003	0.00019692
100	1.9998	2	2.0004	0.0001767	1.9999	2	2.0001	9.1894e-05	-0.0004	-1e-05	0.0002	0.00019692

Device Test: 28.40 TIMING|DELAY/CS/14/14/0/1000/5/500kHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

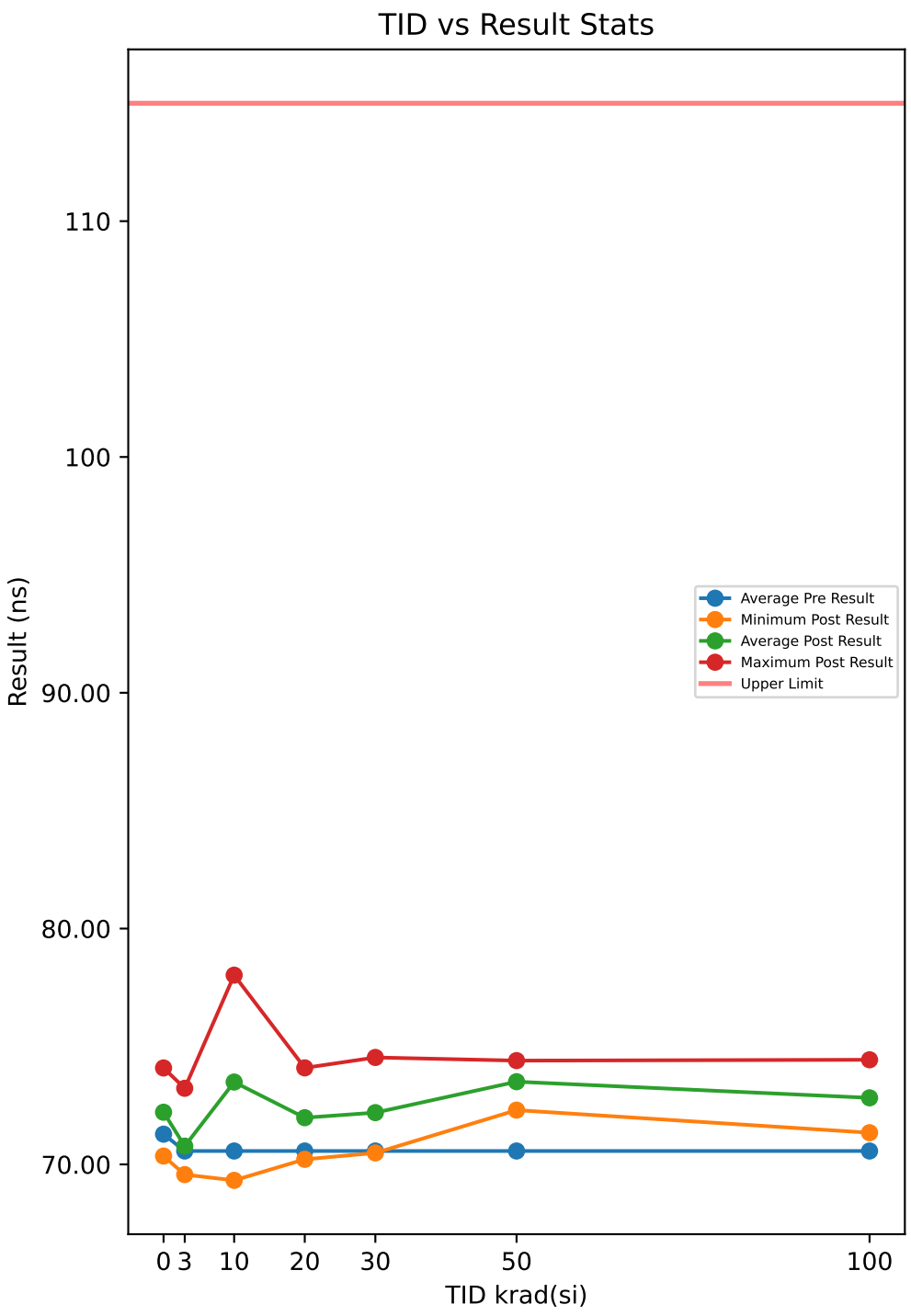
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	62.217	62.291	0.0739
2	3	LDR BIAS	62.096	62.975	0.8794
3	3	LDR BIAS	64.579	65.311	0.7313
4	3	LDR BIAS	63.963	65.127	1.164
5	3	LDR BIAS	63.872	63.782	-0.0891
6	3	LDR UNBIAS	62.969	63.027	0.0583
7	3	LDR UNBIAS	66.128	65.764	-0.3639
8	3	LDR UNBIAS	63.487	62.897	-0.5907
9	3	LDR UNBIAS	63.013	62.454	-0.559
10	3	LDR UNBIAS	63.583	63.118	-0.4649
11	0	CORRELATION	64.952	64.788	-0.164
12	0	CORRELATION	65.121	64.137	-0.9841
13	0	CORRELATION	63.746	66.377	2.6309
14	0	CORRELATION	63.537	65.26	1.723
21	10	LDR BIAS	62.217	64.16	1.9422
22	10	LDR BIAS	62.096	67.264	5.1684
23	10	LDR BIAS	64.579	66.406	1.8264
24	10	LDR BIAS	63.963	67.274	3.3113
25	10	LDR BIAS	63.872	63.512	-0.3592
26	10	LDR UNBIAS	62.969	66.703	3.7339
27	10	LDR UNBIAS	66.128	67.485	1.3564
28	10	LDR UNBIAS	63.487	65.711	2.2238
29	10	LDR UNBIAS	63.013	62.608	-0.4044
30	10	LDR UNBIAS	63.583	71.092	7.5088
31	20	LDR BIAS	62.217	63.514	1.2971
32	20	LDR BIAS	62.096	63.907	1.8108
33	20	LDR BIAS	64.579	66.844	2.2645
34	20	LDR BIAS	63.963	66.319	2.3556
35	20	LDR BIAS	63.872	64.694	0.8224
36	20	LDR UNBIAS	62.969	63.922	0.9537
37	20	LDR UNBIAS	66.128	67.922	1.794
38	20	LDR UNBIAS	63.487	64.707	1.219
39	20	LDR UNBIAS	63.013	63.811	0.7983
40	20	LDR UNBIAS	63.583	64.538	0.9552
41	30	LDR BIAS	62.217	62.803	0.5857
42	30	LDR BIAS	62.096	63.312	1.2166
43	30	LDR BIAS	64.579	66.468	1.8887
44	30	LDR BIAS	63.963	65.641	1.6782
45	30	LDR BIAS	63.872	65.363	1.4914
46	30	LDR UNBIAS	62.969	63.233	0.2643
47	30	LDR UNBIAS	66.128	66.974	0.8462
48	30	LDR UNBIAS	63.487	64.645	1.1579
49	30	LDR UNBIAS	63.013	64.394	1.3818
50	30	LDR UNBIAS	63.583	63.71	0.127
51	50	LDR BIAS	62.217	64.668	2.4503
52	50	LDR BIAS	62.096	66.221	4.1248
53	50	LDR BIAS	64.579	65.3	0.721
54	50	LDR BIAS	63.963	66.868	2.905
55	50	LDR BIAS	63.872	66.023	2.1511
56	50	LDR UNBIAS	62.969	66.22	3.2513
57	50	LDR UNBIAS	66.128	66.436	0.3073
58	50	LDR UNBIAS	63.487	65.121	1.6332
59	50	LDR UNBIAS	63.013	65.158	2.145
60	50	LDR UNBIAS	63.583	66.108	2.5246
61	100	LDR BIAS	62.217	64.05	1.8326
62	100	LDR BIAS	62.096	64.97	2.874
63	100	LDR BIAS	64.579	64.591	0.0118
64	100	LDR BIAS	63.963	65.433	1.4702
65	100	LDR BIAS	63.872	65.245	1.3731
66	100	LDR UNBIAS	62.969	65.217	2.2485
67	100	LDR UNBIAS	66.128	66.247	0.1192
68	100	LDR UNBIAS	63.487	64.04	0.552
69	100	LDR UNBIAS	63.013	64.806	1.7931
70	100	LDR UNBIAS	63.583	64.507	0.9241

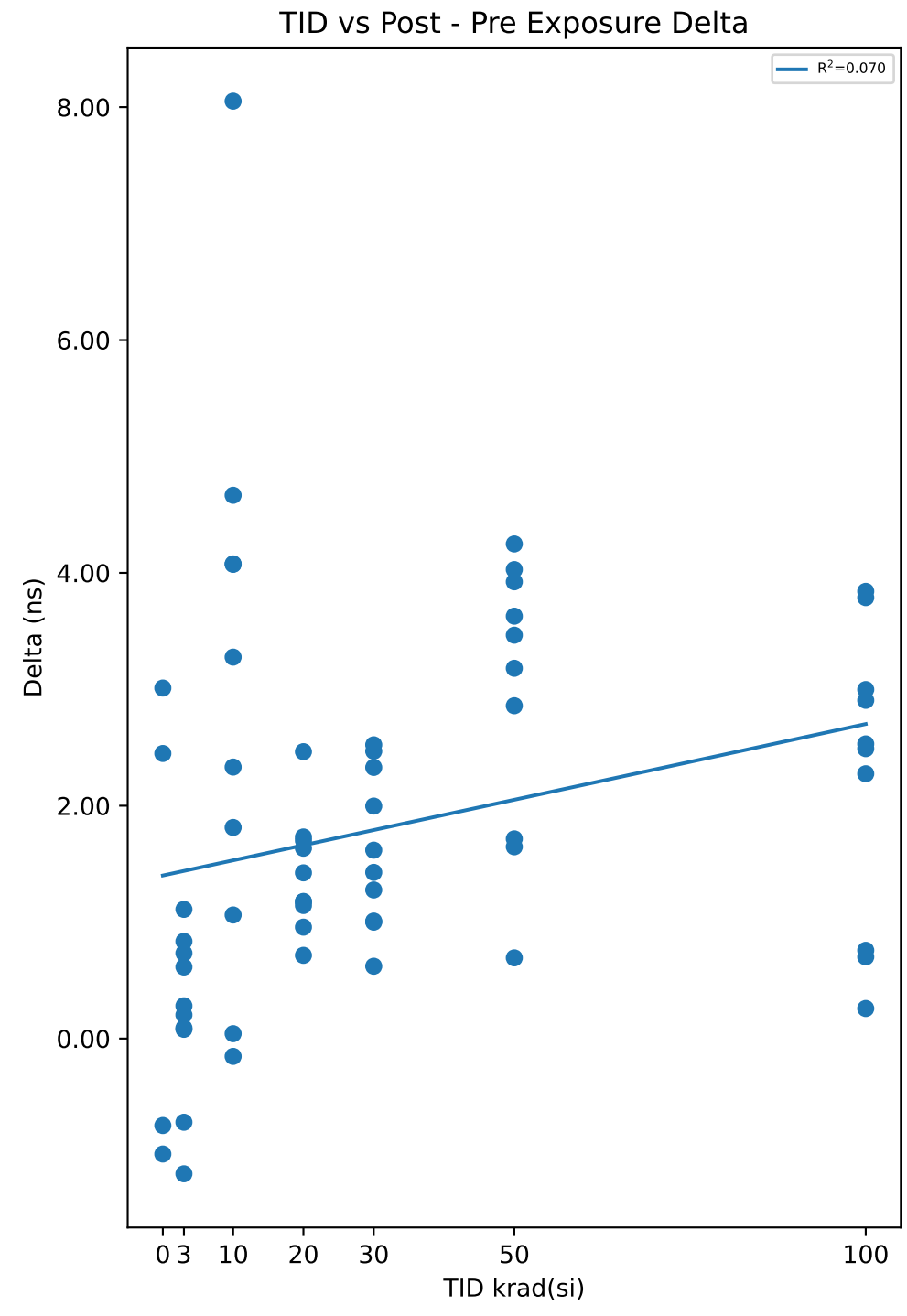


Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.537	64.339	65.121	0.81281	64.137	65.141	66.377	0.94437	-0.9841	0.80145	2.6309	1.665
3	62.096	63.591	66.128	1.1779	62.291	63.675	65.764	1.2646	-0.5907	0.08393	1.164	0.63415
10	62.096	63.591	66.128	1.1779	62.608	66.221	71.092	2.4194	-0.4044	2.6308	7.5088	2.4262
20	62.096	63.591	66.128	1.1779	63.514	65.018	67.922	1.4924	0.7983	1.4271	2.3556	0.58815
30	62.096	63.591	66.128	1.1779	62.803	64.655	66.974	1.4281	0.127	1.0638	1.8887	0.59319
50	62.096	63.591	66.128	1.1779	64.668	65.812	66.868	0.70289	0.3073	2.2214	4.1248	1.1337
100	62.096	63.591	66.128	1.1779	64.04	64.911	66.247	0.67039	0.0118	1.3199	2.874	0.92429

Device Test: 28.41 TIMING|DELAY/CS/4.5/4.5/0/1000/4.5/1MHz//@CS_ILIM_DELAY





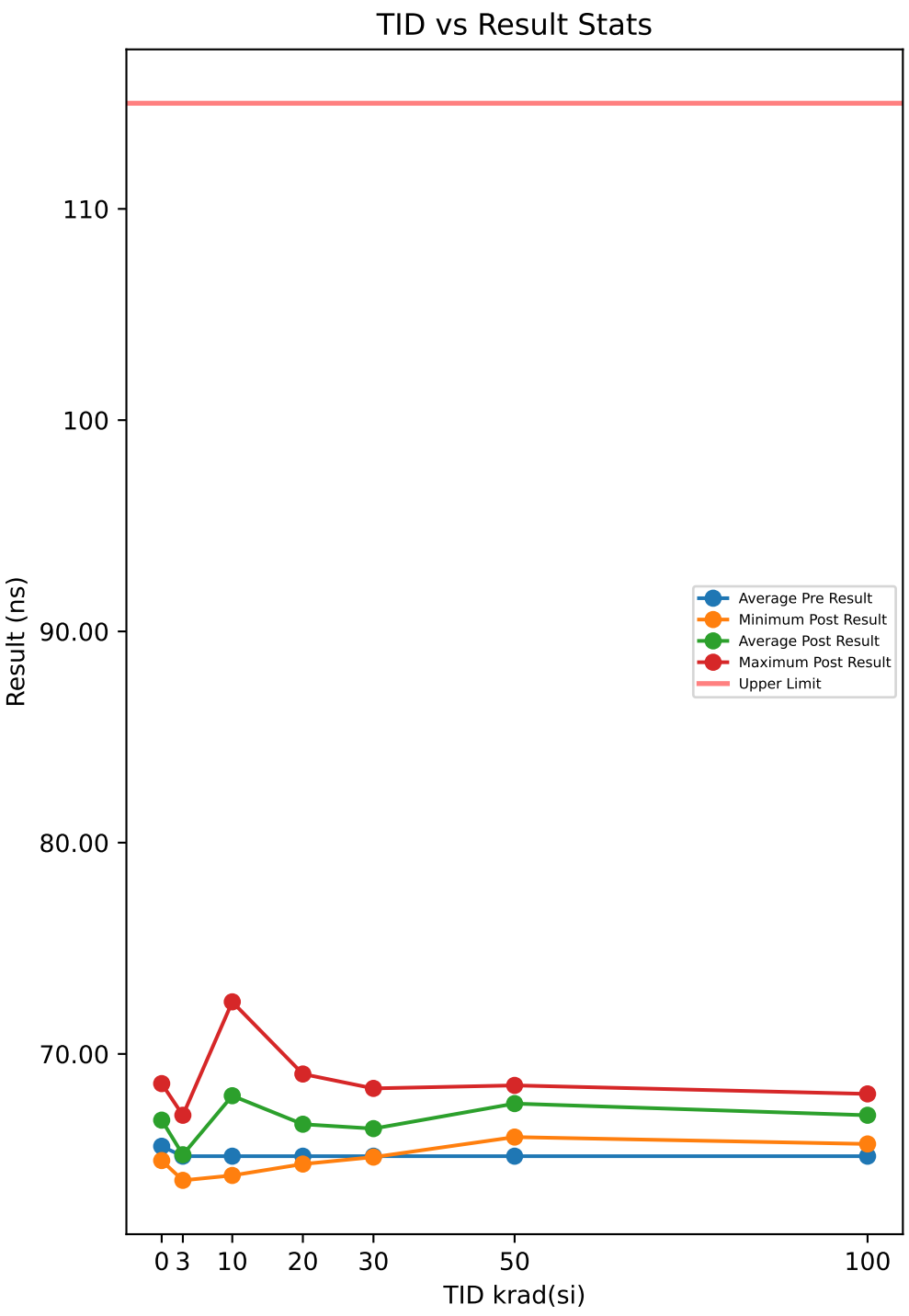
Test Results (Upper Limit = 115.0 (ns))

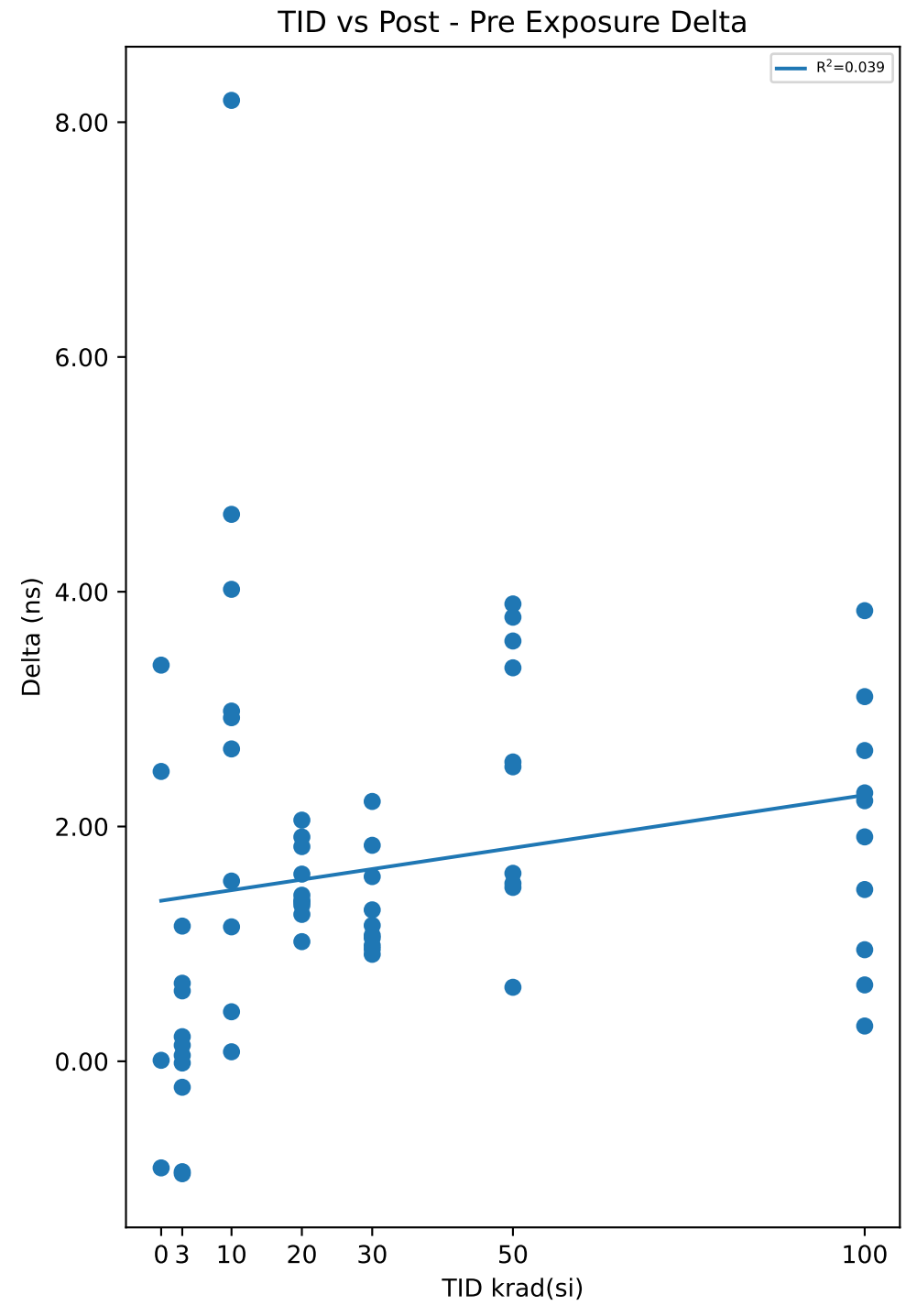
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	69.039	69.654	0.6148
2	3	LDR BIAS	69.803	69.883	0.0796
3	3	LDR BIAS	72.917	71.755	-1.1617
4	3	LDR BIAS	70.774	71.055	0.2813
5	3	LDR BIAS	70.596	71.706	1.1096
6	3	LDR UNBIAS	70.125	70.328	0.2033
7	3	LDR UNBIAS	72.393	73.228	0.8352
8	3	LDR UNBIAS	70.586	69.868	-0.7189
9	3	LDR UNBIAS	69.477	69.568	0.0911
10	3	LDR UNBIAS	69.975	70.709	0.7337
11	0	CORRELATION	72.826	72.079	-0.747
12	0	CORRELATION	71.346	70.354	-0.9916
13	0	CORRELATION	71.08	74.09	3.0106
14	0	CORRELATION	69.878	72.326	2.4486
21	10	LDR BIAS	69.039	72.315	3.2763
22	10	LDR BIAS	69.803	74.47	4.6664
23	10	LDR BIAS	72.917	73.978	1.0615
24	10	LDR BIAS	70.774	74.851	4.077
25	10	LDR BIAS	70.596	70.638	0.042
26	10	LDR UNBIAS	70.125	74.198	4.0733
27	10	LDR UNBIAS	72.393	74.206	1.813
28	10	LDR UNBIAS	70.586	72.918	2.332
29	10	LDR UNBIAS	69.477	69.324	-0.1529
30	10	LDR UNBIAS	69.975	78.026	8.0511
31	20	LDR BIAS	69.039	70.216	1.1773
32	20	LDR BIAS	69.803	71.227	1.4234
33	20	LDR BIAS	72.917	74.06	1.1428
34	20	LDR BIAS	70.774	73.238	2.4643
35	20	LDR BIAS	70.596	72.231	1.6352
36	20	LDR UNBIAS	70.125	71.301	1.1763
37	20	LDR UNBIAS	72.393	74.094	1.7006
38	20	LDR UNBIAS	70.586	72.318	1.7314
39	20	LDR UNBIAS	69.477	70.434	0.957
40	20	LDR UNBIAS	69.975	70.69	0.7149
41	30	LDR BIAS	69.039	71.368	2.329
42	30	LDR BIAS	69.803	70.803	0.9999
43	30	LDR BIAS	72.917	74.535	1.6183
44	30	LDR BIAS	70.774	73.242	2.4686
45	30	LDR BIAS	70.596	73.119	2.5233
46	30	LDR UNBIAS	70.125	70.746	0.6213
47	30	LDR UNBIAS	72.393	74.39	1.997
48	30	LDR UNBIAS	70.586	71.863	1.2765
49	30	LDR UNBIAS	69.477	70.486	1.009
50	30	LDR UNBIAS	69.975	71.402	1.4274
51	50	LDR BIAS	69.039	73.067	4.028
52	50	LDR BIAS	69.803	74.052	4.2483
53	50	LDR BIAS	72.917	73.61	0.6931
54	50	LDR BIAS	70.774	74.401	3.6279
55	50	LDR BIAS	70.596	74.061	3.4647
56	50	LDR UNBIAS	70.125	72.984	2.8587
57	50	LDR UNBIAS	72.393	74.04	1.6474
58	50	LDR UNBIAS	70.586	72.302	1.7152
59	50	LDR UNBIAS	69.477	72.657	3.1803
60	50	LDR UNBIAS	69.975	73.898	3.9231
61	100	LDR BIAS	69.039	72.826	3.7875
62	100	LDR BIAS	69.803	72.801	2.9975
63	100	LDR BIAS	72.917	73.619	0.7017
64	100	LDR BIAS	70.774	73.679	2.9053
65	100	LDR BIAS	70.596	74.437	3.8411
66	100	LDR UNBIAS	70.125	72.615	2.4902
67	100	LDR UNBIAS	72.393	72.651	0.2583
68	100	LDR UNBIAS	70.586	71.344	0.758
69	100	LDR UNBIAS	69.477	71.751	2.2744
70	100	LDR UNBIAS	69.975	72.506	2.531

Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	69.878	71.282	72.826	1.211	70.354	72.212	74.09	1.5287	-0.9916	0.93015	3.0106	2.0928
3	69.039	70.568	72.917	1.2271	69.568	70.775	73.228	1.1766	-1.1617	0.2068	1.1096	0.7007
10	69.039	70.568	72.917	1.2271	69.324	73.492	78.026	2.3999	-0.1529	2.924	8.0511	2.4704
20	69.039	70.568	72.917	1.2271	70.216	71.981	74.094	1.4432	0.7149	1.4123	2.4643	0.49651
30	69.039	70.568	72.917	1.2271	70.486	72.195	74.535	1.5138	0.6213	1.627	2.5233	0.67418
50	69.039	70.568	72.917	1.2271	72.302	73.507	74.401	0.70661	0.6931	2.9387	4.2483	1.197
100	69.039	70.568	72.917	1.2271	71.344	72.823	74.437	0.91161	0.2583	2.2545	3.8411	1.2741

Device Test: 28.42 TIMING|DELAY/CS/5/5/0/1000/5/1MHz//@CS_ILIM_DELAY





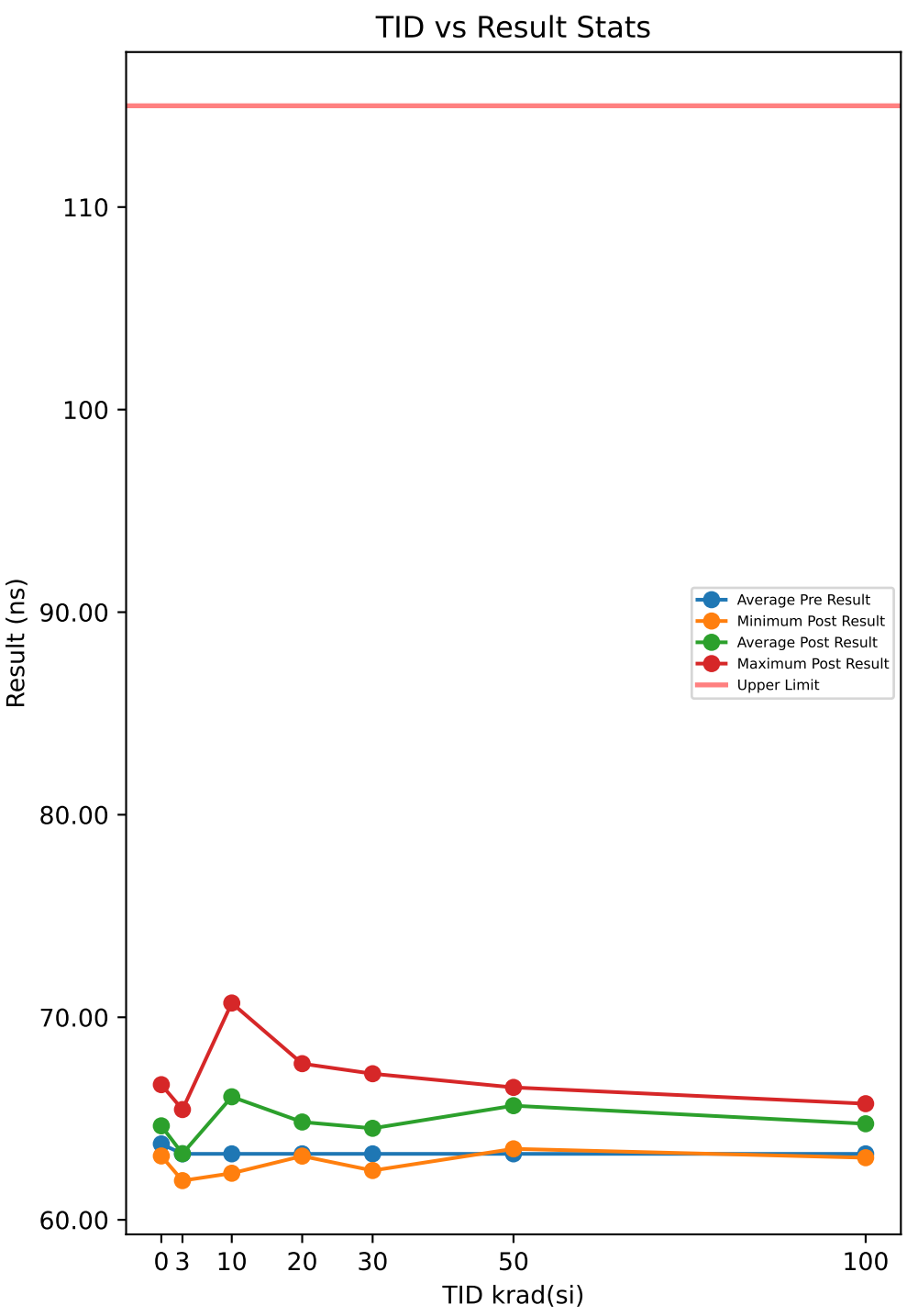
Test Results (Upper Limit = 115.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	63.416	64.016	0.5998
2	3	LDR BIAS	64.269	64.934	0.6649
3	3	LDR BIAS	66.995	66.981	-0.0147
4	3	LDR BIAS	66.478	65.537	-0.9406
5	3	LDR BIAS	65.836	64.878	-0.9579
6	3	LDR UNBIAS	64.714	64.85	0.1364
7	3	LDR UNBIAS	67.318	67.097	-0.2213
8	3	LDR UNBIAS	64.463	64.513	0.0502
9	3	LDR UNBIAS	63.826	64.978	1.1517
10	3	LDR UNBIAS	64.28	64.489	0.2096
11	0	CORRELATION	66.433	66.441	0.0083
12	0	CORRELATION	65.861	64.953	-0.9082
13	0	CORRELATION	65.22	68.595	3.3748
14	0	CORRELATION	65.003	67.472	2.4691
21	10	LDR BIAS	63.416	66.4	2.9835
22	10	LDR BIAS	64.269	68.928	4.6593
23	10	LDR BIAS	66.995	68.531	1.5353
24	10	LDR BIAS	66.478	69.405	2.927
25	10	LDR BIAS	65.836	65.917	0.0809
26	10	LDR UNBIAS	64.714	68.734	4.0205
27	10	LDR UNBIAS	67.318	68.463	1.1452
28	10	LDR UNBIAS	64.463	67.124	2.661
29	10	LDR UNBIAS	63.826	64.248	0.4219
30	10	LDR UNBIAS	64.28	72.466	8.186
31	20	LDR BIAS	63.416	64.788	1.3715
32	20	LDR BIAS	64.269	65.625	1.3554
33	20	LDR BIAS	66.995	69.05	2.0544
34	20	LDR BIAS	66.478	67.892	1.4147
35	20	LDR BIAS	65.836	67.165	1.3288
36	20	LDR UNBIAS	64.714	65.733	1.0192
37	20	LDR UNBIAS	67.318	68.569	1.2512
38	20	LDR UNBIAS	64.463	66.374	1.9109
39	20	LDR UNBIAS	63.826	65.655	1.8288
40	20	LDR UNBIAS	64.28	65.874	1.5945
41	30	LDR BIAS	63.416	65.63	2.2135
42	30	LDR BIAS	64.269	65.225	0.9556
43	30	LDR BIAS	66.995	68.068	1.0731
44	30	LDR BIAS	66.478	67.635	1.1574
45	30	LDR BIAS	65.836	66.823	0.9869
46	30	LDR UNBIAS	64.714	65.625	0.9114
47	30	LDR UNBIAS	67.318	68.368	1.0502
48	30	LDR UNBIAS	64.463	66.303	1.8399
49	30	LDR UNBIAS	63.826	65.116	1.2898
50	30	LDR UNBIAS	64.28	65.853	1.5734
51	50	LDR BIAS	63.416	67.199	3.7832
52	50	LDR BIAS	64.269	67.85	3.5804
53	50	LDR BIAS	66.995	68.51	1.515
54	50	LDR BIAS	66.478	67.959	1.481
55	50	LDR BIAS	65.836	68.344	2.5085
56	50	LDR UNBIAS	64.714	68.066	3.352
57	50	LDR UNBIAS	67.318	67.948	0.6304
58	50	LDR UNBIAS	64.463	66.064	1.6013
59	50	LDR UNBIAS	63.826	66.376	2.5498
60	50	LDR UNBIAS	64.28	68.176	3.896
61	100	LDR BIAS	63.416	66.523	3.1065
62	100	LDR BIAS	64.269	68.108	3.8387
63	100	LDR BIAS	66.995	67.646	0.6505
64	100	LDR BIAS	66.478	67.428	0.9504
65	100	LDR BIAS	65.836	68.056	2.2196
66	100	LDR UNBIAS	64.714	67	2.2865
67	100	LDR UNBIAS	67.318	67.618	0.3005
68	100	LDR UNBIAS	64.463	65.926	1.4632
69	100	LDR UNBIAS	63.826	65.738	1.9117
70	100	LDR UNBIAS	64.28	66.927	2.6471

Test Statistics (ns)

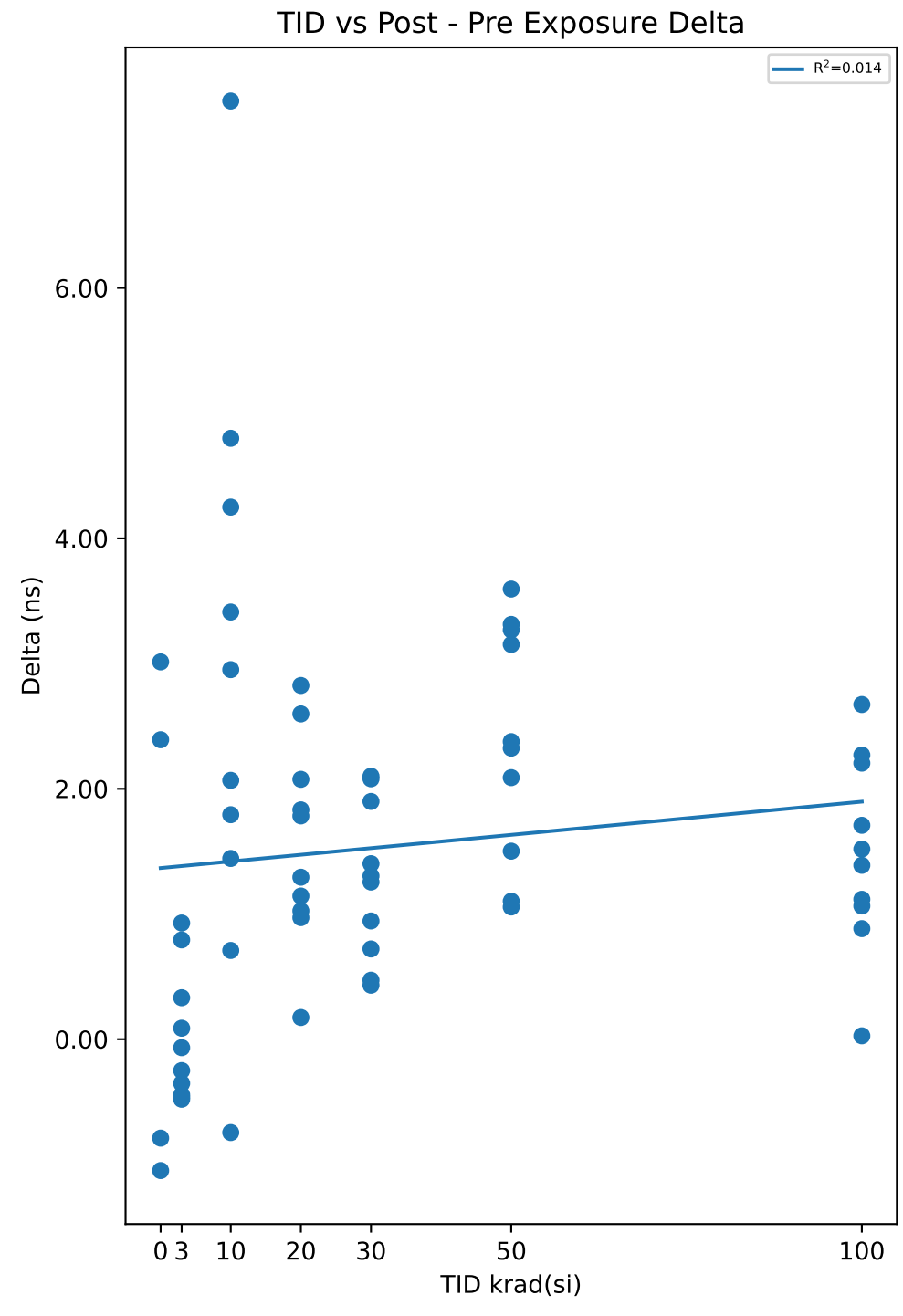
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	65.003	65.629	66.433	0.64765	64.953	66.865	68.595	1.549	-0.9082	1.236	3.3748	2.0166
3	63.416	65.159	67.318	1.3861	64.016	65.227	67.097	1.0328	-0.9579	0.06781	1.1517	0.66657
10	63.416	65.159	67.318	1.3861	64.248	68.022	72.466	2.2497	0.0809	2.8621	8.186	2.3892
20	63.416	65.159	67.318	1.3861	64.788	66.672	69.05	1.425	1.0192	1.5129	2.0544	0.32637
30	63.416	65.159	67.318	1.3861	65.116	66.465	68.368	1.195	0.9114	1.3051	2.2135	0.43492
50	63.416	65.159	67.318	1.3861	66.064	67.649	68.51	0.83244	0.6304	2.4898	3.896	1.1451
100	63.416	65.159	67.318	1.3861	65.738	67.097	68.108	0.83066	0.3005	1.9375	3.8387	1.1167

Device Test: 28.43 TIMING|DELAY/CS/12/12/0/1000/5/1MHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

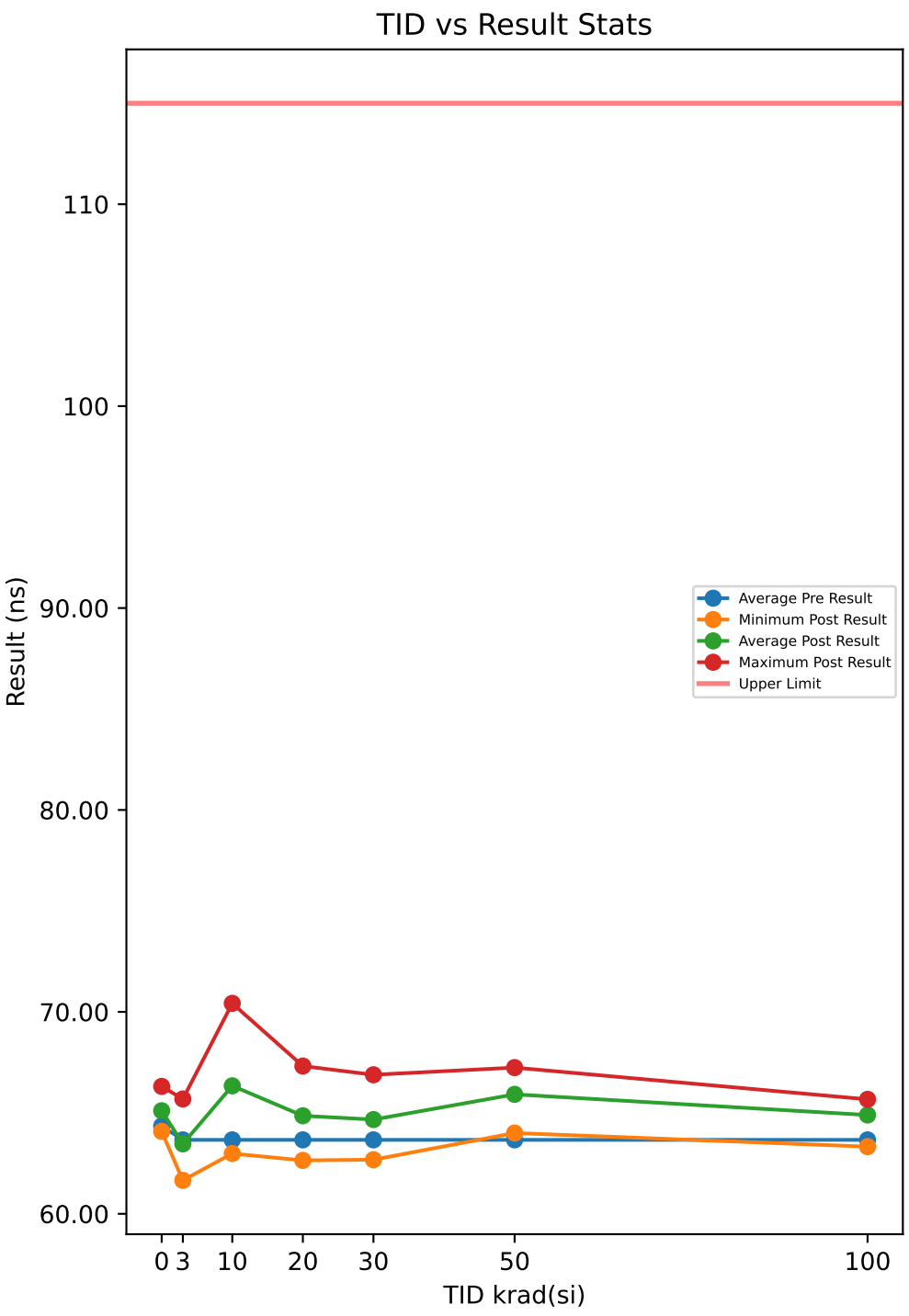
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	62.002	61.935	-0.0675
2	3	LDR BIAS	62.409	62.056	-0.3529
3	3	LDR BIAS	64.111	64.905	0.7934
4	3	LDR BIAS	64.448	63.968	-0.4796
5	3	LDR BIAS	63.06	63.148	0.0879
6	3	LDR UNBIAS	62.675	62.231	-0.4441
7	3	LDR UNBIAS	65.112	65.444	0.3316
8	3	LDR UNBIAS	62.496	63.424	0.928
9	3	LDR UNBIAS	63.045	62.794	-0.2505
10	3	LDR UNBIAS	63.21	62.747	-0.4632
11	0	CORRELATION	64.695	63.905	-0.7898
12	0	CORRELATION	64.201	63.153	-1.0489
13	0	CORRELATION	63.66	66.673	3.0134
14	0	CORRELATION	62.439	64.831	2.3919
21	10	LDR BIAS	62.002	64.07	2.0676
22	10	LDR BIAS	62.409	67.208	4.7991
23	10	LDR BIAS	64.111	65.555	1.4437
24	10	LDR BIAS	64.448	67.399	2.9516
25	10	LDR BIAS	63.06	63.769	0.709
26	10	LDR UNBIAS	62.675	66.925	4.2498
27	10	LDR UNBIAS	65.112	66.905	1.7931
28	10	LDR UNBIAS	62.496	65.908	3.4117
29	10	LDR UNBIAS	63.045	62.299	-0.7453
30	10	LDR UNBIAS	63.21	70.704	7.4936
31	20	LDR BIAS	62.002	63.146	1.1437
32	20	LDR BIAS	62.409	64.192	1.7834
33	20	LDR BIAS	64.111	65.943	1.8318
34	20	LDR BIAS	64.448	66.524	2.0759
35	20	LDR BIAS	63.06	64.354	1.2939
36	20	LDR UNBIAS	62.675	63.646	0.971
37	20	LDR UNBIAS	65.112	67.71	2.5978
38	20	LDR UNBIAS	62.496	65.322	2.8252
39	20	LDR UNBIAS	63.045	64.07	1.0255
40	20	LDR UNBIAS	63.21	63.384	0.1736
41	30	LDR BIAS	62.002	62.434	0.4314
42	30	LDR BIAS	62.409	63.664	1.2554
43	30	LDR BIAS	64.111	66.191	2.08
44	30	LDR BIAS	64.448	65.392	0.9445
45	30	LDR BIAS	63.06	64.463	1.4021
46	30	LDR UNBIAS	62.675	63.147	0.4715
47	30	LDR UNBIAS	65.112	67.213	2.101
48	30	LDR UNBIAS	62.496	64.395	1.8991
49	30	LDR UNBIAS	63.045	63.766	0.7209
50	30	LDR UNBIAS	63.21	64.514	1.304
51	50	LDR BIAS	62.002	63.504	1.502
52	50	LDR BIAS	62.409	66.004	3.595
53	50	LDR BIAS	64.111	65.168	1.0563
54	50	LDR BIAS	64.448	66.537	2.0893
55	50	LDR BIAS	63.06	66.373	3.3128
56	50	LDR UNBIAS	62.675	65.944	3.2684
57	50	LDR UNBIAS	65.112	66.214	1.1023
58	50	LDR UNBIAS	62.496	64.821	2.3245
59	50	LDR UNBIAS	63.045	65.421	2.3767
60	50	LDR UNBIAS	63.21	66.363	3.1525
61	100	LDR BIAS	62.002	63.066	1.0641
62	100	LDR BIAS	62.409	64.678	2.2695
63	100	LDR BIAS	64.111	64.995	0.8832
64	100	LDR BIAS	64.448	65.565	1.1176
65	100	LDR BIAS	63.06	65.733	2.673
66	100	LDR UNBIAS	62.675	64.88	2.205
67	100	LDR UNBIAS	65.112	65.139	0.0273
68	100	LDR UNBIAS	62.496	63.886	1.3891
69	100	LDR UNBIAS	63.045	64.563	1.5186
70	100	LDR UNBIAS	63.21	64.919	1.7085



Test Statistics (ns)

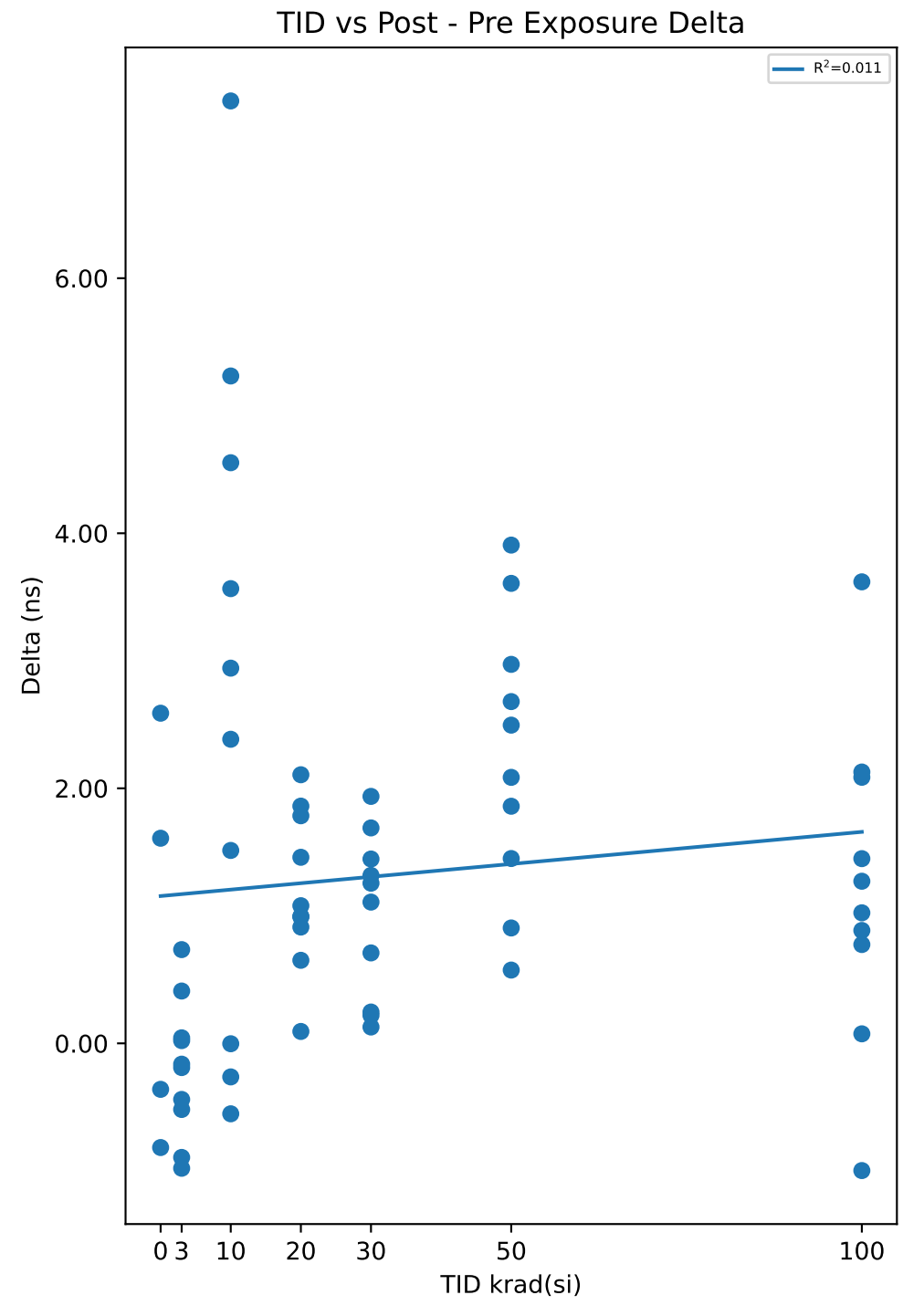
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	62.439	63.749	64.695	0.97018	63.153	64.64	66.673	1.519	-1.0489	0.89165	3.0134	2.1092
3	62.002	63.257	65.112	0.99362	61.935	63.265	65.444	1.1906	-0.4796	0.00831	0.928	0.52082
10	62.002	63.257	65.112	0.99362	62.299	66.074	70.704	2.3515	-0.7453	2.8174	7.4936	2.3298
20	62.002	63.257	65.112	0.99362	63.146	64.829	67.71	1.4975	0.1736	1.5722	2.8252	0.80726
30	62.002	63.257	65.112	0.99362	62.434	64.518	67.213	1.4285	0.4314	1.261	2.101	0.62439
50	62.002	63.257	65.112	0.99362	63.504	65.635	66.537	0.9382	1.0563	2.378	3.595	0.94136
100	62.002	63.257	65.112	0.99362	63.066	64.743	65.733	0.78245	0.0273	1.4856	2.673	0.77493

Device Test: 28.44 TIMING|DELAY/CS/14/14/0/1000/5/1MHz//@CS_ILIM_DELAY



Test Results (Upper Limit = 115.0 (ns))

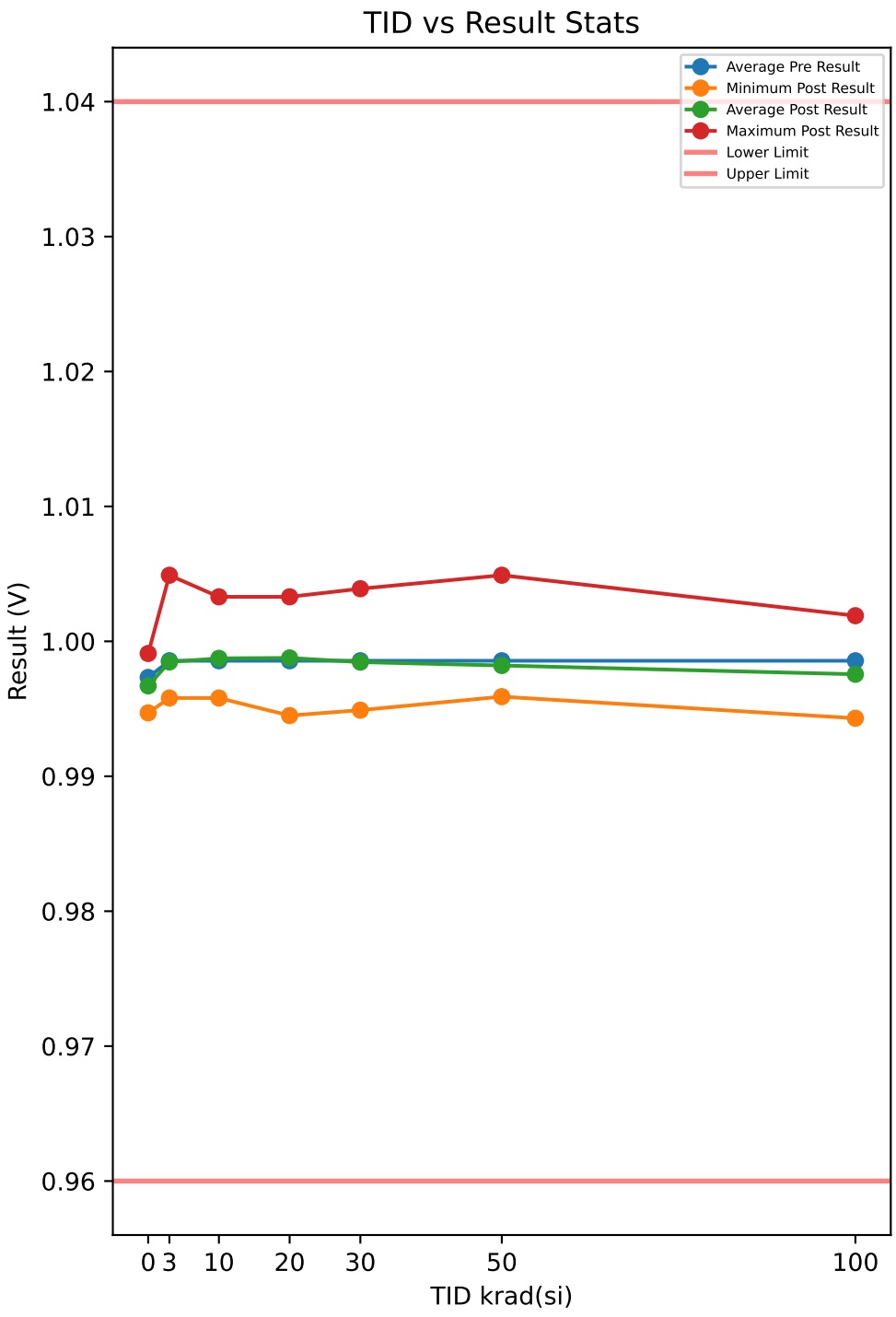
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	62.551	61.657	-0.8945
2	3	LDR BIAS	62.01	62.42	0.4103
3	3	LDR BIAS	65.084	64.644	-0.4398
4	3	LDR BIAS	64.168	64.19	0.0215
5	3	LDR BIAS	63.766	63.603	-0.1632
6	3	LDR UNBIAS	62.906	62.388	-0.5185
7	3	LDR UNBIAS	66.666	65.686	-0.9795
8	3	LDR UNBIAS	63.446	63.489	0.0433
9	3	LDR UNBIAS	62.987	62.797	-0.1899
10	3	LDR UNBIAS	63.032	63.767	0.7351
11	0	CORRELATION	65.659	64.843	-0.817
12	0	CORRELATION	64.442	64.081	-0.3606
13	0	CORRELATION	63.72	66.309	2.5889
14	0	CORRELATION	63.574	65.183	1.6085
21	10	LDR BIAS	62.551	64.936	2.3845
22	10	LDR BIAS	62.01	67.243	5.2333
23	10	LDR BIAS	65.084	66.596	1.5127
24	10	LDR BIAS	64.168	67.111	2.9422
25	10	LDR BIAS	63.766	63.214	-0.5525
26	10	LDR UNBIAS	62.906	67.459	4.5531
27	10	LDR UNBIAS	66.666	66.403	-0.2631
28	10	LDR UNBIAS	63.446	67.011	3.5657
29	10	LDR UNBIAS	62.987	62.984	-0.0031
30	10	LDR UNBIAS	63.032	70.422	7.3901
31	20	LDR BIAS	62.551	62.644	0.0933
32	20	LDR BIAS	62.01	63.87	1.8603
33	20	LDR BIAS	65.084	66.076	0.9922
34	20	LDR BIAS	64.168	66.275	2.1063
35	20	LDR BIAS	63.766	64.762	0.9959
36	20	LDR UNBIAS	62.906	63.986	1.0794
37	20	LDR UNBIAS	66.666	67.317	0.6512
38	20	LDR UNBIAS	63.446	65.23	1.7847
39	20	LDR UNBIAS	62.987	64.446	1.4591
40	20	LDR UNBIAS	63.032	63.944	0.9119
41	30	LDR BIAS	62.551	62.679	0.1282
42	30	LDR BIAS	62.01	63.947	1.9366
43	30	LDR BIAS	65.084	66.34	1.256
44	30	LDR BIAS	64.168	65.486	1.3171
45	30	LDR BIAS	63.766	65.456	1.6894
46	30	LDR UNBIAS	62.906	63.152	0.2456
47	30	LDR UNBIAS	66.666	66.885	0.2196
48	30	LDR UNBIAS	63.446	64.553	1.1076
49	30	LDR UNBIAS	62.987	64.432	1.4455
50	30	LDR UNBIAS	63.032	63.742	0.7092
51	50	LDR BIAS	62.551	64	1.4493
52	50	LDR BIAS	62.01	65.617	3.607
53	50	LDR BIAS	65.084	65.988	0.9048
54	50	LDR BIAS	64.168	66.848	2.68
55	50	LDR BIAS	63.766	66.738	2.9719
56	50	LDR UNBIAS	62.906	65.402	2.4954
57	50	LDR UNBIAS	66.666	67.24	0.5746
58	50	LDR UNBIAS	63.446	65.305	1.8594
59	50	LDR UNBIAS	62.987	65.073	2.0858
60	50	LDR UNBIAS	63.032	66.94	3.9072
61	100	LDR BIAS	62.551	63.326	0.775
62	100	LDR BIAS	62.01	65.629	3.619
63	100	LDR BIAS	65.084	65.158	0.0747
64	100	LDR BIAS	64.168	65.44	1.2713
65	100	LDR BIAS	63.766	65.215	1.4484
66	100	LDR UNBIAS	62.906	65.034	2.1277
67	100	LDR UNBIAS	66.666	65.668	-0.9976
68	100	LDR UNBIAS	63.446	64.331	0.8853
69	100	LDR UNBIAS	62.987	64.01	1.0237
70	100	LDR UNBIAS	63.032	65.119	2.0865



Test Statistics (ns)

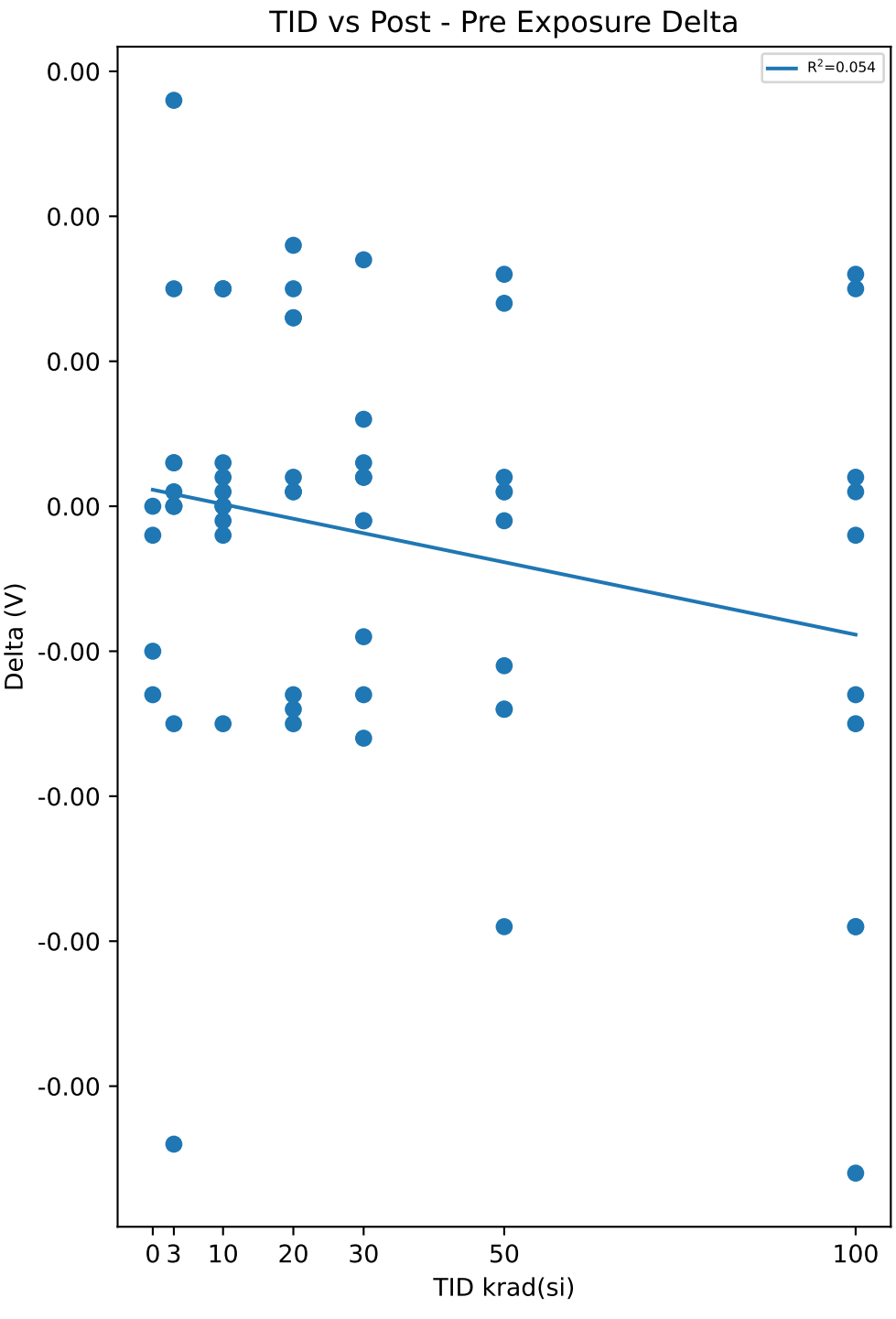
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	63.574	64.349	65.659	0.95253	64.081	65.104	66.309	0.92612	-0.817	0.75495	2.5889	1.6132
3	62.01	63.662	66.666	1.364	61.657	63.464	65.686	1.1986	-0.9795	-0.19752	0.7351	0.53804
10	62.01	63.662	66.666	1.364	62.984	66.338	70.422	2.1823	-0.5525	2.6763	7.3901	2.5997
20	62.01	63.662	66.666	1.364	62.644	64.855	67.317	1.3875	0.0933	1.1934	2.1063	0.61231
30	62.01	63.662	66.666	1.364	62.679	64.667	66.885	1.3622	0.1282	1.0055	1.9366	0.64559
50	62.01	63.662	66.666	1.364	64	65.915	67.24	1.0253	0.5746	2.2535	3.9072	1.095
100	62.01	63.662	66.666	1.364	63.326	64.893	65.668	0.76279	-0.9976	1.2314	3.619	1.2455

Device Test: 28.9 VOLTAGE|OC/CS/4.5/4.5/0/0/4.5/100kHz//@V_CS_ILIM_OC



Test Results (Lower Limit = 0.96, Upper Limit = 1.04 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	3	LDR BIAS	0.9958	0.9959	0.0001
2	3	LDR BIAS	1.0048	1.0004	-0.0044
3	3	LDR BIAS	1.0021	1.0049	0.0028
4	3	LDR BIAS	0.9959	0.9959	0
5	3	LDR BIAS	0.9988	0.9988	0
6	3	LDR UNBIAS	0.9943	0.9958	0.0015
7	3	LDR UNBIAS	0.9976	0.9961	-0.0015
8	3	LDR UNBIAS	1.0018	1.0018	0
9	3	LDR UNBIAS	0.9973	0.9976	0.0003
10	3	LDR UNBIAS	0.9972	0.9975	0.0003
11	0	CORRELATION	1.0004	0.9991	-0.0013
12	0	CORRELATION	0.9959	0.9957	-0.0002
13	0	CORRELATION	0.9957	0.9947	-0.001
14	0	CORRELATION	0.9973	0.9973	0
21	10	LDR BIAS	0.9958	0.9961	0.0003
22	10	LDR BIAS	1.0048	1.0033	-0.0015
23	10	LDR BIAS	1.0021	1.002	-0.0001
24	10	LDR BIAS	0.9959	0.996	0.0001
25	10	LDR BIAS	0.9988	0.999	0.0002
26	10	LDR UNBIAS	0.9943	0.9958	0.0015
27	10	LDR UNBIAS	0.9976	0.9974	-0.0002
28	10	LDR UNBIAS	1.0018	1.0033	0.0015
29	10	LDR UNBIAS	0.9973	0.9973	0
30	10	LDR UNBIAS	0.9972	0.9972	0
31	20	LDR BIAS	0.9958	0.9945	-0.0013
32	20	LDR BIAS	1.0048	1.0033	-0.0015
33	20	LDR BIAS	1.0021	1.0022	0.0001
34	20	LDR BIAS	0.9959	0.9974	0.0015
35	20	LDR BIAS	0.9988	0.9989	0.0001
36	20	LDR UNBIAS	0.9943	0.9961	0.0018
37	20	LDR UNBIAS	0.9976	0.9989	0.0013
38	20	LDR UNBIAS	1.0018	1.0031	0.0013
39	20	LDR UNBIAS	0.9973	0.9975	0.0002
40	20	LDR UNBIAS	0.9972	0.9958	-0.0014
41	30	LDR BIAS	0.9958	0.996	0.0002
42	30	LDR BIAS	1.0048	1.0039	-0.0009
43	30	LDR BIAS	1.0021	1.0005	-0.0016
44	30	LDR BIAS	0.9959	0.9976	0.0017
45	30	LDR BIAS	0.9988	0.9991	0.0003
46	30	LDR UNBIAS	0.9943	0.9949	0.0006
47	30	LDR UNBIAS	0.9976	0.9975	-0.0001
48	30	LDR UNBIAS	1.0018	1.0017	-0.0001
49	30	LDR UNBIAS	0.9973	0.9975	0.0002
50	30	LDR UNBIAS	0.9972	0.9959	-0.0013
51	50	LDR BIAS	0.9958	0.9959	0.0001
52	50	LDR BIAS	1.0048	1.0049	0.0001
53	50	LDR BIAS	1.0021	1.0007	-0.0014
54	50	LDR BIAS	0.9959	0.9973	0.0014
55	50	LDR BIAS	0.9988	0.9959	-0.0029
56	50	LDR UNBIAS	0.9943	0.9959	0.0016
57	50	LDR UNBIAS	0.9976	0.9975	-0.0001
58	50	LDR UNBIAS	1.0018	1.0007	-0.0011
59	50	LDR UNBIAS	0.9973	0.9959	-0.0014
60	50	LDR UNBIAS	0.9972	0.9974	0.0002
61	100	LDR BIAS	0.9958	0.9943	-0.0015
62	100	LDR BIAS	1.0048	1.0019	-0.0029
63	100	LDR BIAS	1.0021	0.9975	-0.0046
64	100	LDR BIAS	0.9959	0.9974	0.0015
65	100	LDR BIAS	0.9988	0.9959	-0.0029
66	100	LDR UNBIAS	0.9943	0.9959	0.0016
67	100	LDR UNBIAS	0.9976	0.9974	-0.0002
68	100	LDR UNBIAS	1.0018	1.0019	0.0001
69	100	LDR UNBIAS	0.9973	0.9975	0.0002
70	100	LDR UNBIAS	0.9972	0.9959	-0.0013



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	0.9957	0.99733	1.0004	0.0021701	0.9947	0.9967	0.9991	0.0019253	-0.0013	-0.000625	0	0.00062383
3	0.9943	0.99856	1.0048	0.0033204	0.9958	0.99847	1.0049	0.0030536	-0.0044	-9e-05	0.0028	0.00188
10	0.9943	0.99856	1.0048	0.0033204	0.9958	0.99874	1.0033	0.0030119	-0.0015	0.00018	0.0015	0.00085739
20	0.9943	0.99856	1.0048	0.0033204	0.9945	0.99877	1.0033	0.0031401	-0.0015	0.00021	0.0018	0.0012644
30	0.9943	0.99856	1.0048	0.0033204	0.9949	0.99846	1.0039	0.0028387	-0.0016	-0.0001	0.0017	0.00096609
50	0.9943	0.99856	1.0048	0.0033204	0.9959	0.99821	1.0049	0.0029905	-0.0029	-0.00035	0.0016	0.0013705
100	0.9943	0.99856	1.0048	0.0033204	0.9943	0.99756	1.0019	0.0025083	-0.0046	-0.001	0.0016	0.0020226

7 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision * (September 2025) to Revision A (October 2026)	Page
• Added LDR TID report data in Appendix B	1

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