

TPS7H6003-SP Total Ionizing Dose (TID) Radiation Report



ABSTRACT

This report discusses the results of the total ionizing dose (TID) testing for the Texas Instruments TPS7H6003-SP radiation hardness-assured 1.3A, 2.5A, half-bridge gate driver. The study was done to determine TID effects under low dose rate (LDR) up to 150krad(Si) and high dose rate (HDR) up to 100krad(Si). The results show that all samples passed within the specified limits up to 100krad(Si) for HDR and 150krad(Si) for LDR.

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1 Device Information

1.1 Product Description

The TPS7H6003-SP is a 200V radiation hardness-assured, high voltage gate driver for GaN FETs for space applications. The TPS7H6003-SP is designed for high frequency, high efficiency applications. The driver features adjustable dead time capability, small 30ns propagation delay and 5.5ns high-side and low-side matching. This part also includes internal high-side and low-side LDOs which specifies a drive voltage of 5V regardless of supply voltage. The TPS7H6003-SP is packaged in a ceramic 48-HBX (CFP) package.

1.2 Device Details

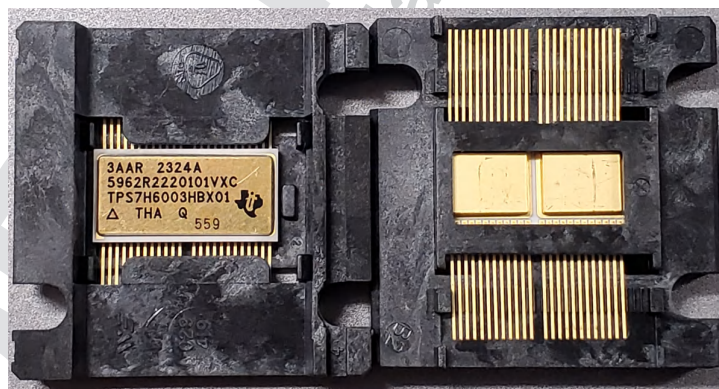
Testing was performed per MIL-STD-883, Test Method 1019, with a sample size per MIL-PRF-38535, Appendix C, for test conditions A and D (high dose rate and low dose rate, respectively).

Table 1-1. Device and Exposure Details

RHA TID Details: up to 100krad(Si)	
TI part number	TPS7H6003-SP
Orderable number	5962R2220101VXC
Device function	Half-Bridge Gate Driver
Die name	RTPS7H6003A0VM

Table 1-1. Device and Exposure Details (continued)

RHA TID Details: up to 100krad(Si)	
Package	48-pin CFP (HBX)
Technology	LBC7 (250nm Linear BiCMOS)
Quantity tested	HDR : • Five biased and five unbiased units at 3krad(Si) levels • Five biased and five unbiased units at 10krad(Si) levels • Five biased and five unbiased units at 30krad(Si) levels • Five biased and five unbiased units at 50krad(Si) levels • Five biased and five unbiased units at 100krad(Si) levels • One correlation unit LDR : • Four biased and five unbiased units at 10krad(Si) levels • Four biased and five unbiased units at 3krad(Si) levels • Five biased and five unbiased units at 30krad(Si) levels • Five biased and five unbiased units at 100krad(Si) levels • Five biased and five unbiased units at 50krad(Si) levels • Five biased and five unbiased units at 150krad(Si) levels • Two correlation units
Lot accept/reject	Passes HDR 100krad(Si) and LDR 150krad(Si) with no observed fails
HDR radiation facility	Texas Instruments CLAB, Dallas, Texas
LDR radiation facility	Radiation Test Solutions, Colorado Springs, Colorado
Die lot number and assembly lot number	2349610T11-18 / 3008205 MTT
HDR dose rate	194.3rad(Si)/s
LDR dose rate	<10millirad(Si)/s
HDR radiation source	Gammacell 220 Excel (GC-220E) Co-60
LDR radiation source	Co-60 LDR Irradiation Source
Irradiation and test temperature	Ambient, room temperature controlled to 25°C ±6°C per MIL-STD-883 and MIL-STD-750

**Figure 1-1. TPS7H6003-SP Device Used in Exposure**

2 Total Dose Test Setup

2.1 Test Overview

The TPS7H6003-SP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, conditions A and D were 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 TPS7H6003-SP HDR exposure was performed on biased devices in a Co-60 gammacell at the TI Dallas CLAB facility in Dallas, Texas. The unattenuated dose rate of this cell is 194.3rad(Si)/s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and underwent post-radiation electrical testing at TI's Dallas Forest Lane facility. Test limit guard bands were 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.

The TPS7H6003-SP LDR exposure was performed on biased and unbiased devices in a Co-60 gammacell under a 10-mrad(Si)/s exposure rate. The dose rate of the irradiator used in the exposure ranges from <10mrad(Si)/s to a maximum of approximately 84rad(Si)/s, determined by the distance from the source. For the LDR (10mrad(Si)/s) exposure, the test box was positioned approximately 2m from the source. The exposure boards are housed in a lead aluminum box (as specified in MIL-STD-883 TM 1019.9) to harden the gamma spectrum and minimize dose enhancement effects. The irradiator calibration is maintained by Logmire Laboratories using thermoluminescence dosimeters (TLDs) traceable to the National Institute of Standards and Technology (NIST), and the dosimetry was verified using TLDs prior to the radiation exposures. After exposure, devices were electrically tested at Texas Instruments.

2.3 Test Setup Details

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

2.3.1 Unbiased

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

2.3.2 Biased

Figure 2-3 and Figure 2-4 show HDR and LDR bias diagrams.

Table 2-1. DUT Power Supply Bias and Vout measurements

Power Supply Bias				
	Edge Connector	BUS	Typical	Comments
Power Supply	BUS A	VIN	14VDC	14VDC - Fixed power supply
	BUS D	BOOT	14VDC	14VDCWRTSW - Floating power supply WRT to SW
	BUS B	ASW	0-150V	Increase HV gradually. Recommend using safety interlock HV protection when working with high voltage.
DUT Vout Measurements				
VOUT Test Points	TP_PGOOD	ON	5V	LS is ON
	TP_LO	PWM_LI	1.8V	PWM mode
	TP_HO	PWM_LI DC WRT ASW	3.51V	PWM mode
	TP_SW	SW = PSW = ASW	0-150V	SW = PSW = ASW
	PWM_LI	DUT Mon	1.85V	DUT monitor edge connector.

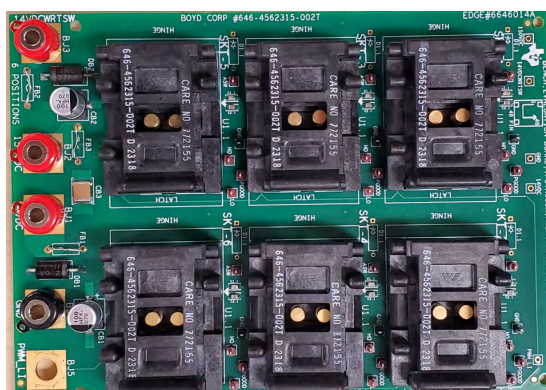


Figure 2-1. HDR TID Hardware

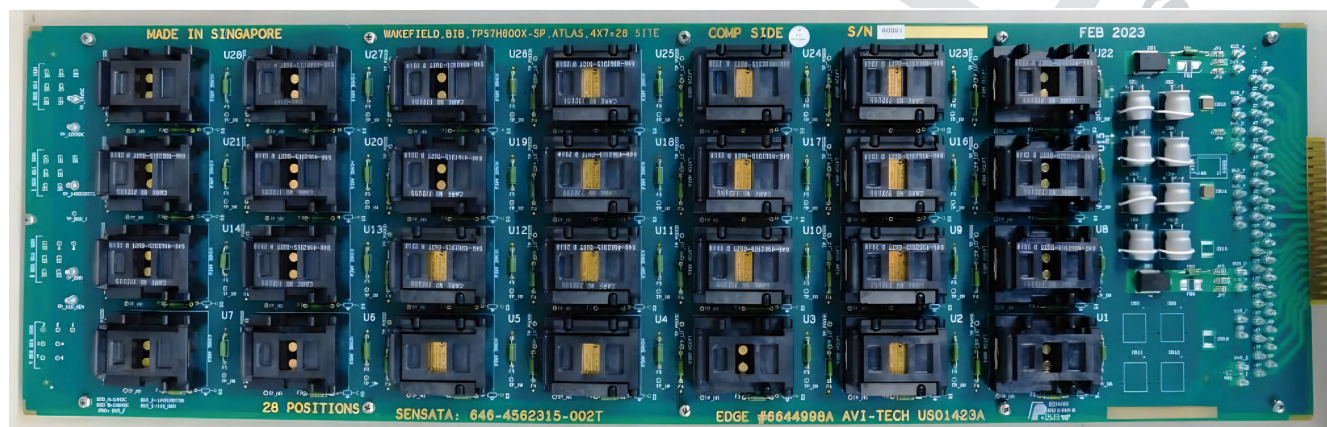


Figure 2-2. LDR TID Hardware

High-side Gate Driver

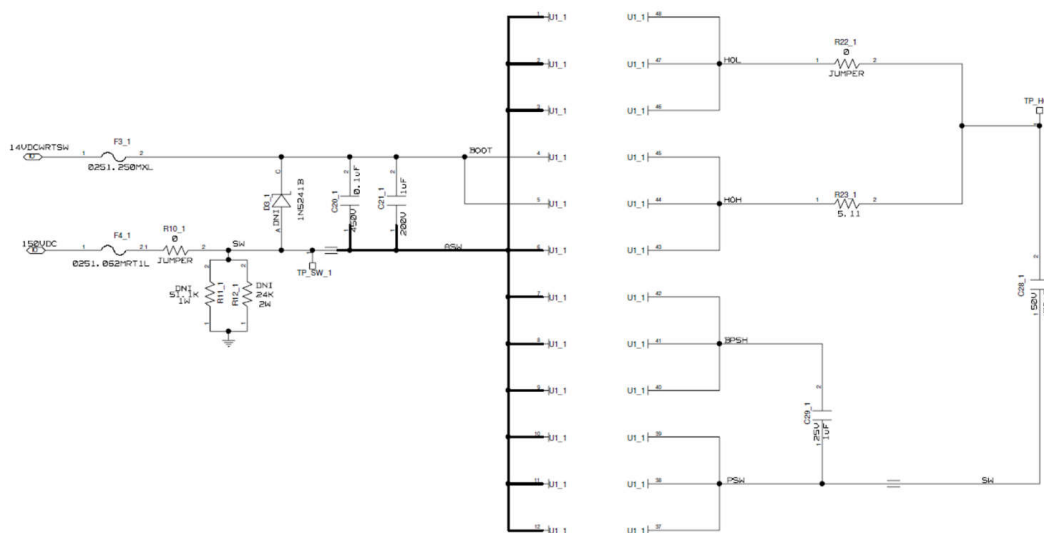


Figure 2-3. High-Side TID Bias Diagram

2.4 Test Configuration and Condition

Table 2-2. HDR Biased Device Information

Total Samples: 25 units				
Exposure Levels:				
3krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)
134, 137, 138, 139, 236	237, 241, 242, 243, 244	132, 133, 135, 245, 246	172, 173, 174, 183, 186	178, 179, 180, 181, 182

Total Samples: 25 units				
Exposure Levels:				
3krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)
58, 59, 60, 61, 62	63, 64, 65, 66, 150	141, 144, 145, 146, 147	67, 68, 69, 71, 72	95, 102, 104, 105, 106

Total Samples: 24 units					
Exposure Levels:					
3krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)	150krad(Si)
259, 426, 427, 428	259, 426, 427, 428	434, 435, 436, 437, 438	434, 435, 436, 437, 438	434, 435, 436, 437, 438	4505, 4506, 4507, 4508, 4509

Total Samples: 25 units					
Exposure Levels:					
3 krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)	150krad(Si)
429, 430, 431, 432, 433	429, 430, 431, 432, 433	439, 440, 441, 443, 444	439, 440, 441, 443, 444	439, 440, 441, 443, 444	4500, 4501, 4502, 4503, 4504

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3 TID Characterization Test Results

3.1 TID Characterization Results Summary

The results show that all TPS7H6003-SP devices were fully functional and within specification limits up to 100krad(Si) for HDR and 150krad(Si) for LDR. Overall, the TPS7H6003-SP show a strong degree of hardness to TID HDR and LDR exposure levels at 100krad(Si) for HDR and 150krad(Si) for LDR under biased & unbiased conditions. Performance is measured based on the difference between pre-irradiation and post-irradiation with respect to SMD electrical minimum and maximum specifications. 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 A](#) for HDR report and [Appendix B](#) for LDR report.

3.2 Data Sheet Electrical Parameters

Specifications are at ambient temperature $T_A = 25^\circ\text{C}$, $V_{IN} = 10\text{V}$ to 14V , $V_{BP5L} = V_{BP5H} = 5\text{V}$, and no load on LOH, LOL, HOH, and HOL (unless otherwise noted).

Table 3-1. TPS7H6003-SP Data Sheet Electrical Parameters

Parameter		Test Conditions		MIN	MAX	UNIT	Test Number
SUPPLY CURRENTS							
I _{QLS}	Low-side quiescent current	VIN = 12V, BOOT = 10V	MODE = PWM, EN = 0V		6.8	mA	35.0, 36.0, 37.0
			MODE = IIM, LI = HI = 0V		8		35.2, 36.2, 37.2
I _{QHS}	High-side quiescent current	VIN = 12V, BOOT = 10V	MODE = PWM, EN = 0V		6.3	mA	35.1, 36.1, 37.1
			MODE = IIM, LI = HI = 0V		6.3		35.3, 36.3, 37.3
I _{OP_LS}	Low-side operating current	MODE = PWM, no load for HOL and HOH	f = 500kHz		9	mA	35.6, 36.6, 37.6
			f = 1MHz		11		35.8, 36.8, 37.8
			f = 2MHz		16		35.10, 36.10, 37.10
			f = 5MHz		30		35.12, 36.12, 37.12
		MODE = IIM, no load for HOL and HOH	f = 500kHz		9		35.14, 36.14, 37.14
			f = 1MHz		12		35.16, 36.16, 37.16
			f = 2MHz		17		35.18, 36.18, 37.18
			f = 5MHz		30		35.20, 36.20, 37.20
I _{OP_HS}	High-side operating current	MODE = PWM, no load for HOL and HOH	f = 500kHz		6.5	mA	35.7, 36.7, 37.7
			f = 1MHz		8		35.9, 36.9, 37.9
			f = 2MHz		10.5		35.11, 36.11, 37.11
			f = 5MHz		17.5		35.13, 36.13, 37.13
		MODE = IIM, no load for HOL and HOH	f = 500kHz		6.5		35.15, 36.15, 37.15
			f = 1MHz		8		35.17, 36.17, 37.17
			f = 2MHz		10.5		35.19, 36.19, 37.19
			f = 5MHz		15		35.21, 36.21, 37.21
GATE DRIVER							
V _{OL}	Low-level output voltage	I _{OL} = 100mA			0.15	V	45.0, 46.0, 47.0
BP5x – V _{OH}	High-level output voltage	I _{OH} = 100mA			0.3	V	45.2, 46.2, 47.2
I _{OH}	Peak source current	HOH, LOH = 0V, BP5x = 5V		0.7	2.3	A	50.0, 50.1, 51.0, 51.1, 52.0, 52.1
I _{OL}	Peak sink current	HOL, LOL = 5V, BP5x = 5V		1.6	4.6	A	50.2, 51.2, 52.2
INTERNAL REGULATORS							

Table 3-1. TPS7H6003-SP Data Sheet Electrical Parameters (continued)

Parameter		Test Conditions	MIN	MAX	UNIT	Test Number	
V _{BP5L}	Low-side 5V regulator output voltage	C _{BP5L} = 1μF	4.75	5.175	V	60.1, 60.4, 60.7, 60.10, 60.13, 60.16, 60.19, 60.22, 61.1, 61.4, 61.7, 61.10, 61.13, 61.16, 61.19, 61.22, 62.1, 62.4, 62.7, 62.10, 62.13, 62.16, 62.19, 62.22	
V _{BP5H}	High-side 5V regulator output voltage	C _{BP5H} = 1μF	4.75	5.175	V	60.2, 60.5, 60.8, 60.11, 60.14, 60.17, 60.20, 60.23, 61.2, 61.5, 61.8, 61.11, 61.14, 61.17, 61.20, 61.23, 62.2, 62.5, 62.8, 62.11, 62.14, 62.17, 62.20, 62.23	
V _{BP7L}	7V regulator output voltage	C _{BP7L} = 1μF	6.65	7.35	V	60.0, 60.3, 60.6, 60.9, 60.12, 60.15, 60.18, 60.21, 61.0, 61.3, 61.6, 61.9, 61.12, 61.15, 61.18, 61.21, 61.23, 62.0, 62.3, 62.6, 62.9, 62.12, 62.15, 62.18, 62.21	
UNDervoltage PROTECTION							
BP5H _R	BP5H UVLO rising threshold	C _{BP5H} = 1μF	4	4.5	V	85.1, 86.1, 87.1 ⁽¹⁾	
BP5H _F	BP5H UVLO falling threshold	C _{BP5H} = 1μF	3.8	4.3	V	85.2, 86.2, 87.2 ⁽¹⁾	
BP5L _R	BP5L UVLO rising threshold	C _{BP5L} = 1μF	4	4.5	V	80.1, 81.1, 82.1 ⁽¹⁾	
BP5L _F	BP5L UVLO falling threshold	C _{BP5L} = 1μF	3.8	4.3	V	80.2, 81.2, 82.2 ⁽¹⁾	
BP7L _R	BP7L UVLO rising threshold	C _{BP7L} = 1μF	6.2	6.8	V	80.4, 81.4, 82.4 ⁽¹⁾	
BP7L _F	BP7L UVLO falling threshold	C _{BP7L} = 1μF	5.9	6.5	V	80.5, 81.5, 82.5 ⁽¹⁾	
VIN _R	VIN UVLO rising threshold		8	9	V	70	
VIN _F	VIN UVLO falling threshold		7.5	8.5	V	70.1	
BOOT _R	BOOT UVLO rising threshold		6.6	7.4	V	75	
BOOT _F	BOOT UVLO falling threshold		6.2	7	V	75.1	
INPUT PINS							
V _{IR}	Input rising edge threshold		1.80	2.65	V	90.0, 91.0, 92.0, 90.3, 91.3, 92.3	
V _{IF}	Input falling edge threshold		1.15	1.85	V	90.1, 91.1, 92.1, 90.4, 91.4, 92.4	
R _{PD}	Input pull-down resistance	V = 2.15V applied at input (EN_HI or PWM_LI)	100	400	kΩ	90.6, 90.7, 91.6, 91.7, 92.6, 92.7	
PROGRAMMABLE DEAD TIME							
T _{DLH}	LO off to HO on dead time	MODE = PWM, LO falling to HO rising (90% to 10%), f ≤ 2MHz	RLH = 3.32kΩ	0	10	ns	95.0, 95.5, 95.10, 96.0, 96.5, 96.10, 97.0, 97.5, 97.10
			RLH = 11.8kΩ	8	15.5		95.1, 95.6, 95.11, 96.1, 96.6, 96.11, 97.1, 97.6, 97.11
			RLH = 21kΩ	15.5	24		95.2, 95.7, 95.12, 96.2, 96.7, 96.12, 97.2, 97.7, 97.12
			RLH = 52.3kΩ	36	59		95.3, 95.8, 95.13, 96.3, 96.8, 96.13, 97.3, 97.8, 97.13
			RLH = 105kΩ	74	113.5		95.4, 95.9, 95.14, 96.4, 96.9, 96.14, 97.4, 97.9, 97.14

Table 3-1. TPS7H6003-SP Data Sheet Electrical Parameters (continued)

Parameter		Test Conditions		MIN	MAX	UNIT	Test Number
T _{DHL}	HO off to LO on dead time	MODE = PWM, HO falling to LO rising (90% to 10%), f ≤ 2MHz	RHL = 7.87kΩ	0	10	ns	95.19, 95.24, 95.29, 96.19, 96.24, 96.29, 97.19, 97.24, 97.29
			RHL = 13.3kΩ	6	15		95.20, 95.25, 95.30, 96.20, 96.25, 96.30, 97.20, 97.25, 97.30
			RHL = 23.7kΩ	16	24.5		95.21, 95.26, 95.31, 96.21, 96.26, 96.31, 97.21, 97.26, 97.31
			RHL = 57.6kΩ	44	61		95.22, 95.27, 95.32, 96.22, 96.27, 96.32, 97.22, 97.27, 97.32
			RHL = 113kΩ	86	125		95.23, 95.28, 95.33, 96.23, 96.28, 96.33, 97.23, 97.28, 97.33
BOOTSTRAP DIODE SWITCH							
	Bootstrap diode switch parallel resistance	I _{BST_SW} = 1mA		0.8	1.2	kΩ	100.1, 101.1, 102.1
POWER GOOD							
	Logic-low output	I _{FLT} = 1mA			0.4	V	105.0, 106.0, 107.0
	PGOOD internal resistance	BP5L = 5V, BP7L = 7V, VIN = 12V		0.7	1.9	MΩ	105.2, 106.2, 107.2
	Minimum BP5L voltage for valid PGOOD output				2.45	V	105.1, 106.1, 107.1

(1) Tests are only tested in production or SPI test mode.

Table 3-2. TPS7H6003-SP Switching Characteristics

Parameter		Test Conditions		MIN	MAX	UNIT	Test Number
t _{LPHL}	LO turn-off propagation delay	MODE = PWM	PWM rising to LOL falling		48	ns	110.0, 111.0, 112.0
		MODE = IIM	LI falling to LOL falling		38	ns	110.3, 110.7, 111.3, 111.7, 112.3, 112.7
t _{LPLH}	LO turn-on propagation delay	MODE = IIM	LI rising to LOH rising		38	ns	110.2, 110.6, 111.2, 111.6, 112.2, 112.6
t _{HPHL}	HO turnoff propagation delay	MODE = PWM	PWM falling to HOL falling		50	ns	110.1, 111.1, 112.1
		MODE = IIM	HI falling to HOL falling		40		110.5, 110.9, 111.5, 111.9, 112.5, 112.9
t _{HPLH}	HO turn-on propagation delay	MODE = IIM	HI rising to HOH rising		40	ns	110.4, 110.8, 111.4, 111.8, 112.4, 112.8
t _{MON}	Delay matching LO on and HO off	MODE = IIM			12	ns	110.10, 111.10, 112.10, 110.12, 111.12, 112.12
t _{MOFF}	Delay matching LO off and HO on	MODE = IIM			4	ns	110.11, 110.13, 111.11, 111.13, 112.11, 112.13
t _{HRC}	HO rise time	C _L = 1000pF	10% to 90%		7.5	ns	115, 116, 117
t _{LRC}	LO rise time				7.5	ns	115.2, 116.2, 117.2
t _{HFC}	HO fall time		90% to 10%		5.5	ns	115.1, 116.1, 117.1
t _{LFC}	LO fall time				5.5	ns	115.3, 116.3, 117.3
t _{PW_IIM}	Minimum input pulse width (turn-on)	MODE = IIM			8	ns	120, 120.2, 120.4, 121, 121.2, 121.4, 122, 122.2, 122.4
t _{PW_IIM_OFF}	Minimum input pulse width (turn-off)	MODE = IIM			12	ns	120.1, 120.3, 120.5, 121.1, 121.3, 121.5, 122.1, 122.3, 122.5

4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, [TPS7H6003-SP Radiation-Hardness-Assured 200-V, 1.3-A, 2.5-A, Half-Bridge GaN FET Gate Driver](#), datasheet.
- Texas Instruments, [TPS7H6003EVM-CVAL Evaluation Module user's guide](#), EVM user's guide.
- Texas Instruments, [TPS7H6003-SP Single-Event Effects \(SEE\) Report](#), radiation report.

4.2 Reference Documents

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

A Appendix: HDR TID Report

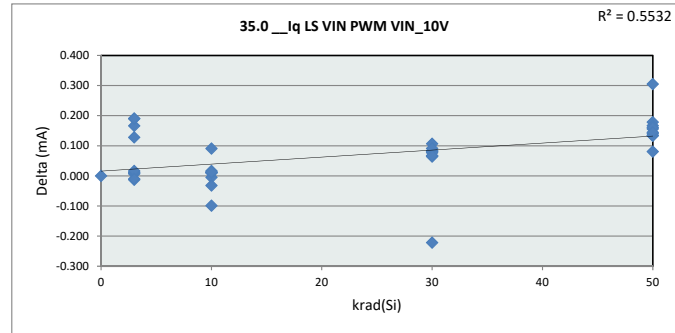
This appendix provides the TPS7H6003-SP HDR TID report data.

TID HDR Report

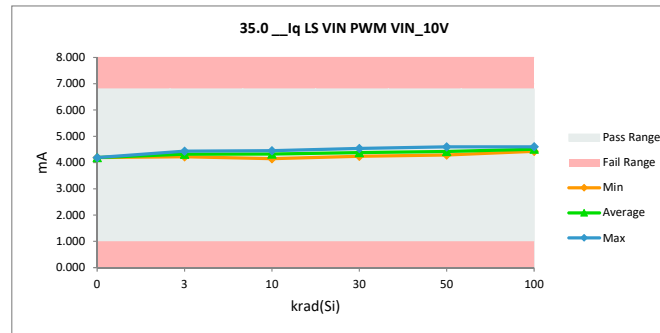
TPS7H6003-SP (5962R2220101VXC)

35.0 __Iq LS VIN PWM VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.8	6.8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	4.189	4.189	0.000
3	58	4.280	4.287	0.007
3	59	4.225	4.234	0.009
3	60	4.209	4.221	0.012
3	61	4.240	4.256	0.016
3	62	4.251	4.238	-0.013
3	134	4.169	4.359	0.190
3	137	4.194	4.361	0.167
3	138	4.220	4.348	0.128
3	139	4.441	4.431	-0.010
3	236	4.227	4.417	0.190
10	63	4.394	4.411	0.017
10	64	4.357	4.368	0.011
10	65	4.269	4.280	0.011
10	66	4.136	4.148	0.012
10	150	4.274	4.269	-0.005
10	237	4.321	4.411	0.091
10	241	4.455	4.356	-0.099
10	242	4.259	4.269	0.010
10	243	4.256	4.269	0.013
10	244	4.481	4.449	-0.032
30	141	4.285	4.365	0.080
30	144	4.207	4.291	0.083
30	145	4.380	4.463	0.083
30	146	4.327	4.393	0.066
30	147	4.396	4.460	0.064
30	132	4.203	4.280	0.077
30	133	4.429	4.536	0.107
30	135	4.459	4.238	-0.222
30	245	4.231	4.322	0.091
30	246	4.339	4.406	0.067
50	67	4.355	4.495	0.140
50	68	4.142	4.447	0.305
50	69	4.325	4.459	0.134
50	71	4.256	4.435	0.179
50	72	4.246	4.403	0.156
50	172	4.428	4.595	0.167
50	173	4.229	4.310	0.081
50	174	4.123	4.284	0.160
50	183	4.202	4.335	0.133
50	186	4.308	4.452	0.144
100	95	4.313	4.594	0.280
100	102	4.248	4.487	0.239
100	104	4.254	4.543	0.289
100	105	4.240	4.489	0.248
100	106	4.317	4.489	0.173
100	178	4.350	4.599	0.249
100	179	4.284	4.480	0.196
100	180	4.266	4.503	0.237
100	181	4.141	4.426	0.285
100	182	4.208	4.488	0.281
Max		4.481	4.599	0.305
Average		4.281	4.385	0.104
Min		4.123	4.148	-0.222
Std Dev		0.090	0.110	0.110



35.0 __Iq LS VIN PWM VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.8	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.189	4.221	4.148	4.238	4.284	4.426
Average	4.189	4.315	4.323	4.375	4.421	4.510
Max	4.189	4.431	4.449	4.536	4.595	4.599
UL	6.800	6.800	6.800	6.800	6.800	6.800

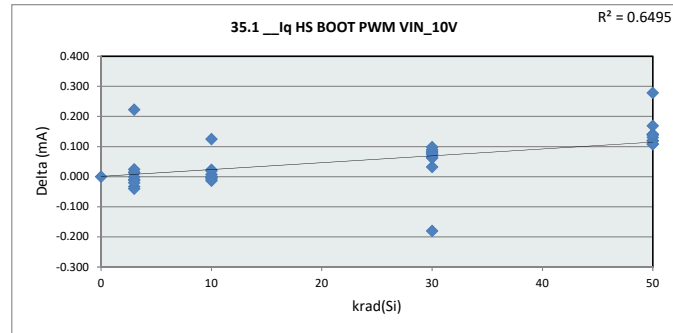


TID HDR Report

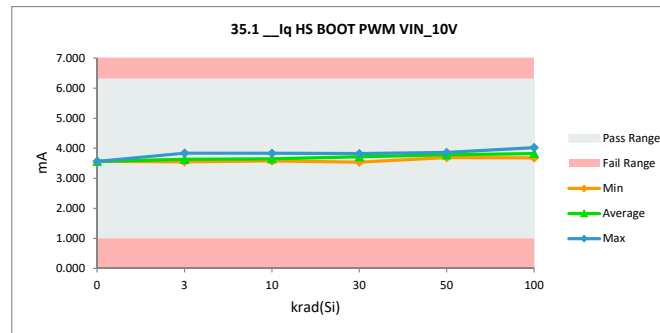
TPS7H6003-SP (5962R2220101VXC)

35.1 Iq HS BOOT PWM VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.3	6.3
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.564	3.564	0.000
3	58	3.549	3.562	0.013
3	59	3.638	3.626	-0.012
3	60	3.532	3.546	0.015
3	61	3.548	3.547	-0.001
3	62	3.558	3.548	-0.010
3	134	3.607	3.632	0.025
3	137	3.666	3.633	-0.033
3	138	3.658	3.618	-0.040
3	139	3.771	3.751	-0.020
3	236	3.617	3.839	0.222
10	63	3.651	3.674	0.023
10	64	3.655	3.656	0.000
10	65	3.586	3.593	0.007
10	66	3.567	3.586	0.019
10	150	3.690	3.685	-0.004
10	237	3.705	3.830	0.125
10	241	3.636	3.628	-0.008
10	242	3.615	3.613	-0.002
10	243	3.580	3.579	-0.001
10	244	3.647	3.633	-0.014
30	141	3.708	3.793	0.085
30	144	3.572	3.647	0.075
30	145	3.687	3.719	0.032
30	146	3.599	3.679	0.080
30	147	3.713	3.778	0.065
30	132	3.486	3.548	0.062
30	133	3.708	3.798	0.090
30	135	3.713	3.533	-0.180
30	245	3.738	3.812	0.074
30	246	3.722	3.821	0.098
50	67	3.670	3.778	0.108
50	68	3.579	3.858	0.279
50	69	3.651	3.770	0.119
50	71	3.548	3.689	0.141
50	72	3.724	3.843	0.120
50	172	3.687	3.796	0.109
50	173	3.596	3.736	0.140
50	174	3.717	3.847	0.131
50	183	3.599	3.767	0.169
50	186	3.571	3.709	0.139
100	95	3.665	3.859	0.194
100	102	3.500	3.678	0.177
100	104	3.554	3.788	0.233
100	105	3.591	3.805	0.213
100	106	3.550	3.741	0.191
100	178	3.766	4.022	0.256
100	179	3.612	3.866	0.253
100	180	3.584	3.778	0.193
100	181	3.604	3.844	0.240
100	182	3.616	3.867	0.251
Max		3.771	4.022	0.279
Average		3.629	3.716	0.087
Min		3.486	3.533	-0.180
Std Dev		0.069	0.114	0.099



35.1 Iq HS BOOT						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.3	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.564	3.547	3.579	3.533	3.689	3.678
Average	3.564	3.630	3.648	3.713	3.779	3.825
Max	3.564	3.839	3.830	3.821	3.858	4.022
UL	6.300	6.300	6.300	6.300	6.300	6.300

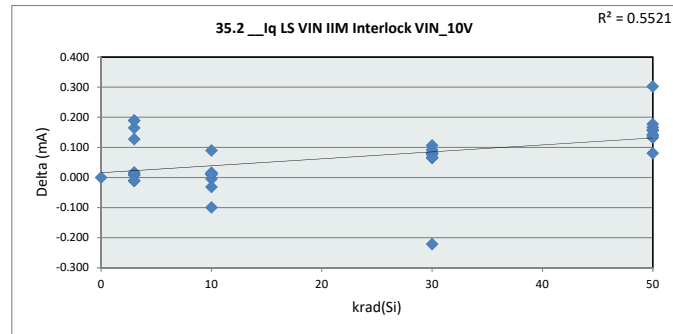


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35.2 Iq LS VIN IIM Interlock VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

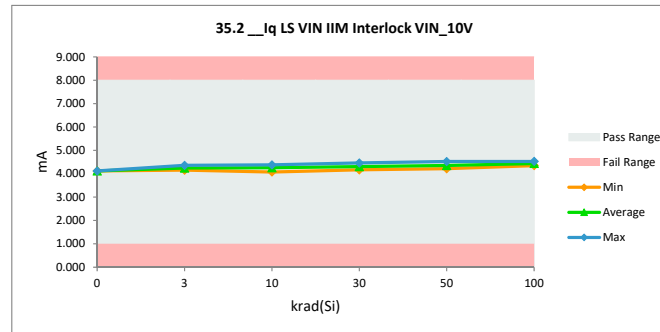
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.119	4.119	0.000
3	58	4.210	4.218	0.008
3	59	4.155	4.164	0.009
3	60	4.138	4.150	0.012
3	61	4.169	4.186	0.017
3	62	4.180	4.168	-0.012
3	134	4.098	4.287	0.189
3	137	4.124	4.289	0.165
3	138	4.149	4.276	0.128
3	139	4.368	4.359	-0.010
3	236	4.157	4.347	0.190
10	63	4.323	4.339	0.016
10	64	4.287	4.298	0.011
10	65	4.198	4.210	0.012
10	66	4.067	4.077	0.011
10	150	4.203	4.198	-0.005
10	237	4.250	4.340	0.090
10	241	4.384	4.285	-0.099
10	242	4.188	4.199	0.011
10	243	4.184	4.197	0.013
10	244	4.410	4.379	-0.031
30	141	4.214	4.295	0.081
30	144	4.136	4.219	0.083
30	145	4.309	4.391	0.081
30	146	4.257	4.323	0.066
30	147	4.324	4.389	0.065
30	132	4.132	4.208	0.076
30	133	4.357	4.464	0.107
30	135	4.388	4.167	-0.221
30	245	4.159	4.251	0.092
30	246	4.268	4.333	0.066
50	67	4.283	4.423	0.140
50	68	4.072	4.374	0.302
50	69	4.254	4.387	0.134
50	71	4.186	4.363	0.178
50	72	4.175	4.331	0.156
50	172	4.356	4.523	0.167
50	173	4.158	4.239	0.081
50	174	4.052	4.211	0.159
50	183	4.131	4.264	0.133
50	186	4.238	4.381	0.142
100	95	4.242	4.520	0.278
100	102	4.177	4.415	0.238
100	104	4.185	4.471	0.286
100	105	4.170	4.417	0.247
100	106	4.246	4.418	0.171
100	178	4.278	4.527	0.249
100	179	4.214	4.407	0.193
100	180	4.195	4.430	0.234
100	181	4.071	4.351	0.280
100	182	4.137	4.416	0.279
Max		4.410	4.527	0.302
Average		4.210	4.314	0.103
Min		4.052	4.077	-0.221
Std Dev		0.089	0.110	0.109



35.2 Iq LS VIN IIM

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	8 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.119	4.150	4.077	4.167	4.211	4.351
Average	4.119	4.244	4.252	4.304	4.350	4.437
Max	4.119	4.359	4.379	4.464	4.523	4.527
UL	8.000	8.000	8.000	8.000	8.000	8.000



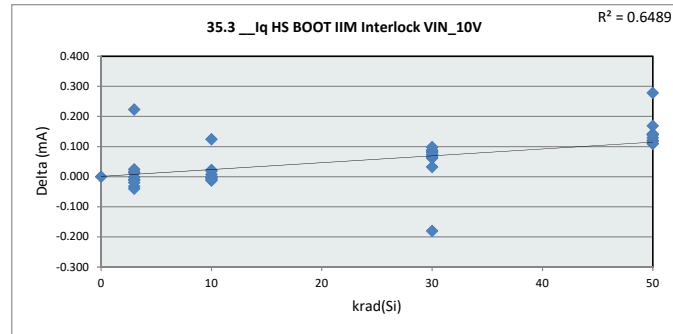
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

35.3 Iq HS BOOT IIM Interlock

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.3	6.3
Min Limit	1	1

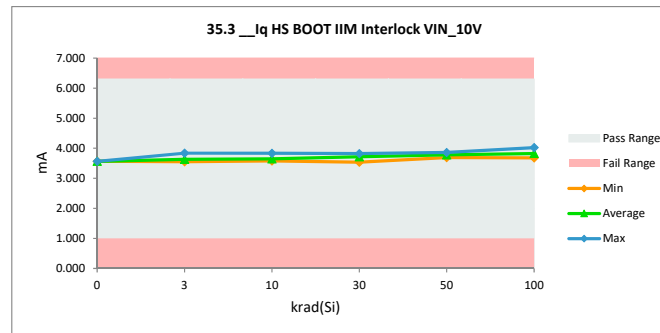
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.563	3.563	0.000
3	58	3.549	3.562	0.013
3	59	3.638	3.626	-0.012
3	60	3.532	3.547	0.016
3	61	3.548	3.547	-0.001
3	62	3.558	3.549	-0.009
3	134	3.607	3.631	0.024
3	137	3.666	3.633	-0.033
3	138	3.658	3.618	-0.040
3	139	3.771	3.751	-0.020
3	236	3.616	3.840	0.223
10	63	3.651	3.673	0.022
10	64	3.655	3.654	-0.001
10	65	3.586	3.594	0.008
10	66	3.567	3.586	0.018
10	150	3.690	3.685	-0.005
10	237	3.705	3.830	0.124
10	241	3.636	3.628	-0.009
10	242	3.615	3.613	-0.003
10	243	3.579	3.578	-0.001
10	244	3.647	3.634	-0.013
30	141	3.708	3.791	0.083
30	144	3.572	3.647	0.074
30	145	3.687	3.719	0.032
30	146	3.598	3.679	0.081
30	147	3.713	3.779	0.065
30	132	3.486	3.548	0.062
30	133	3.708	3.797	0.088
30	135	3.714	3.533	-0.180
30	245	3.738	3.810	0.072
30	246	3.722	3.820	0.098
50	67	3.670	3.779	0.109
50	68	3.579	3.857	0.279
50	69	3.651	3.771	0.120
50	71	3.548	3.690	0.142
50	72	3.723	3.842	0.119
50	172	3.686	3.797	0.111
50	173	3.596	3.736	0.141
50	174	3.716	3.846	0.130
50	183	3.599	3.767	0.169
50	186	3.570	3.709	0.139
100	95	3.665	3.859	0.194
100	102	3.501	3.678	0.177
100	104	3.554	3.788	0.234
100	105	3.591	3.804	0.213
100	106	3.550	3.739	0.189
100	178	3.765	4.022	0.257
100	179	3.612	3.865	0.253
100	180	3.584	3.777	0.193
100	181	3.604	3.845	0.241
100	182	3.617	3.868	0.251
Max		3.771	4.022	0.279
Average		3.629	3.716	0.087
Min		3.486	3.533	-0.180
Std Dev		0.069	0.114	0.100



35.3 Iq HS BOOT

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	6.3 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.563	3.547	3.578	3.533	3.690	3.678
Average	3.563	3.630	3.647	3.712	3.780	3.824
Max	3.563	3.840	3.830	3.820	3.857	4.022
UL	6.300	6.300	6.300	6.300	6.300	6.300

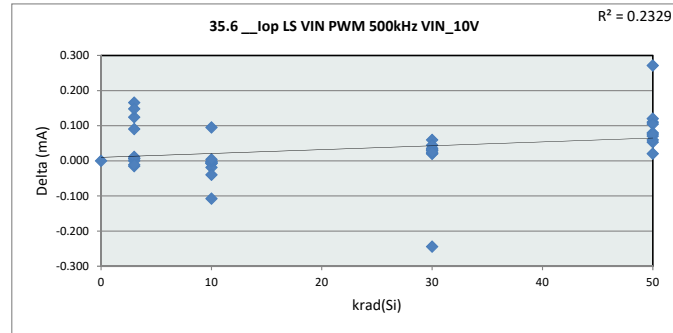


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TPS7H6003-SP (5962R2220101VXC)

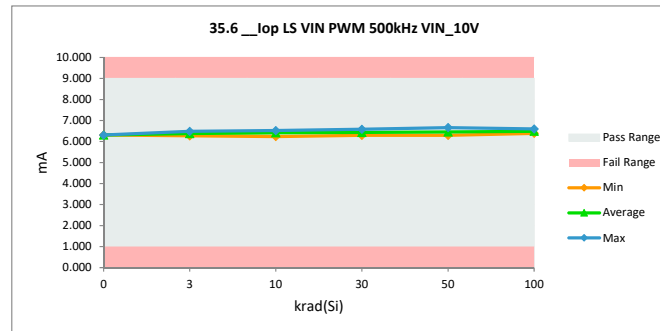
35.6 __Iop LS VIN PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	9	9
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	6.310	6.310	0.000
3	58	6.380	6.380	0.000
3	59	6.264	6.270	0.006
3	60	6.270	6.276	0.006
3	61	6.315	6.326	0.011
3	62	6.367	6.352	-0.015
3	134	6.255	6.420	0.166
3	137	6.294	6.418	0.124
3	138	6.319	6.410	0.091
3	139	6.467	6.456	-0.011
3	236	6.335	6.483	0.148
10	63	6.491	6.488	-0.003
10	64	6.528	6.523	-0.005
10	65	6.444	6.437	-0.007
10	66	6.245	6.238	-0.007
10	150	6.341	6.323	-0.019
10	237	6.386	6.481	0.095
10	241	6.524	6.416	-0.108
10	242	6.339	6.338	-0.002
10	243	6.407	6.411	0.004
10	244	6.525	6.485	-0.040
30	141	6.399	6.433	0.034
30	144	6.370	6.400	0.030
30	145	6.446	6.482	0.036
30	146	6.386	6.406	0.020
30	147	6.460	6.481	0.021
30	132	6.343	6.373	0.030
30	133	6.526	6.585	0.060
30	135	6.540	6.296	-0.244
30	245	6.356	6.401	0.044
30	246	6.383	6.407	0.024
50	67	6.492	6.545	0.053
50	68	6.264	6.535	0.271
50	69	6.407	6.467	0.060
50	71	6.285	6.396	0.110
50	72	6.364	6.435	0.071
50	172	6.543	6.663	0.120
50	173	6.355	6.376	0.020
50	174	6.187	6.292	0.105
50	183	6.244	6.324	0.080
50	186	6.451	6.527	0.076
100	95	6.449	6.577	0.128
100	102	6.318	6.426	0.108
100	104	6.312	6.470	0.158
100	105	6.377	6.494	0.117
100	106	6.423	6.440	0.016
100	178	6.455	6.595	0.141
100	179	6.396	6.474	0.077
100	180	6.402	6.499	0.097
100	181	6.228	6.391	0.162
100	182	6.348	6.514	0.166
Max		6.543	6.663	0.271
Average		6.379	6.430	0.052
Min		6.187	6.238	-0.244
Std Dev		0.090	0.091	0.080



35.6 __Iop LS VIN P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	9	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.310	6.270	6.238	6.296	6.292	6.391
Average	6.310	6.379	6.414	6.427	6.456	6.488
Max	6.310	6.483	6.523	6.585	6.663	6.595
UL	9.000	9.000	9.000	9.000	9.000	9.000

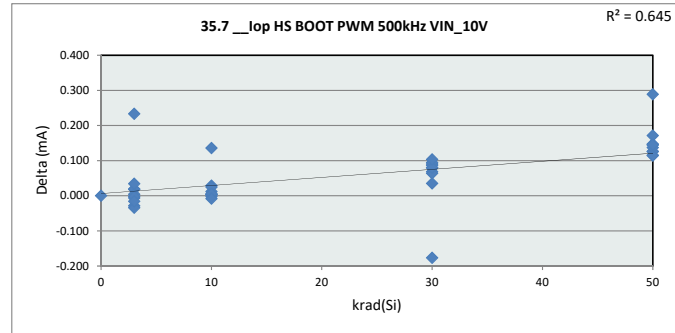


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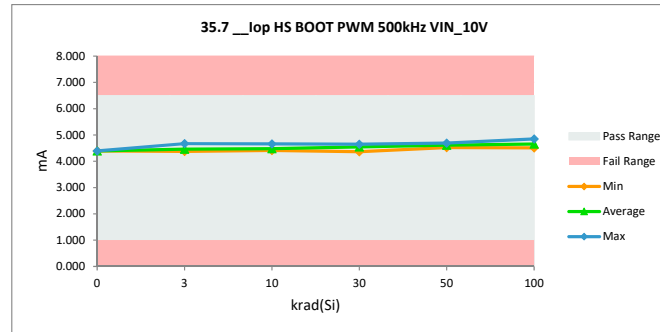
35.7 __Iop HS BOOT PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.5	6.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	4.393	4.393	0.000
3	58	4.377	4.395	0.018
3	59	4.463	4.456	-0.006
3	60	4.352	4.372	0.019
3	61	4.372	4.377	0.004
3	62	4.381	4.379	-0.002
3	134	4.431	4.465	0.034
3	137	4.494	4.465	-0.028
3	138	4.484	4.451	-0.034
3	139	4.596	4.580	-0.016
3	236	4.437	4.670	0.234
10	63	4.474	4.503	0.029
10	64	4.482	4.486	0.003
10	65	4.414	4.425	0.012
10	66	4.388	4.413	0.025
10	150	4.519	4.518	-0.002
10	237	4.525	4.661	0.136
10	241	4.457	4.460	0.003
10	242	4.439	4.443	0.004
10	243	4.405	4.411	0.006
10	244	4.469	4.460	-0.008
30	141	4.534	4.625	0.090
30	144	4.393	4.472	0.079
30	145	4.517	4.552	0.035
30	146	4.419	4.505	0.087
30	147	4.536	4.604	0.069
30	132	4.313	4.377	0.064
30	133	4.530	4.625	0.095
30	135	4.538	4.361	-0.176
30	245	4.565	4.645	0.080
30	246	4.543	4.646	0.103
50	67	4.496	4.611	0.116
50	68	4.402	4.691	0.289
50	69	4.473	4.599	0.126
50	71	4.373	4.520	0.147
50	72	4.539	4.666	0.126
50	172	4.510	4.625	0.115
50	173	4.415	4.560	0.145
50	174	4.543	4.681	0.137
50	183	4.420	4.592	0.172
50	186	4.396	4.541	0.145
100	95	4.490	4.690	0.199
100	102	4.318	4.505	0.187
100	104	4.377	4.624	0.247
100	105	4.413	4.638	0.225
100	106	4.373	4.563	0.190
100	178	4.586	4.850	0.264
100	179	4.438	4.696	0.258
100	180	4.408	4.610	0.202
100	181	4.432	4.678	0.246
100	182	4.442	4.705	0.263
Max		4.596	4.850	0.289
Average		4.453	4.546	0.093
Min		4.313	4.361	-0.176
Std Dev		0.069	0.114	0.101



35.7 __Iop HS BOOT PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	6.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.393	4.372	4.411	4.361	4.520	4.505
Average	4.393	4.461	4.478	4.541	4.609	4.656
Max	4.393	4.671	4.661	4.646	4.691	4.850
UL	6.500	6.500	6.500	6.500	6.500	6.500

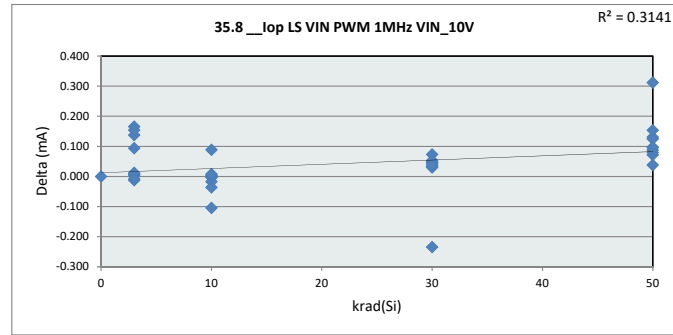


TID HDR Report

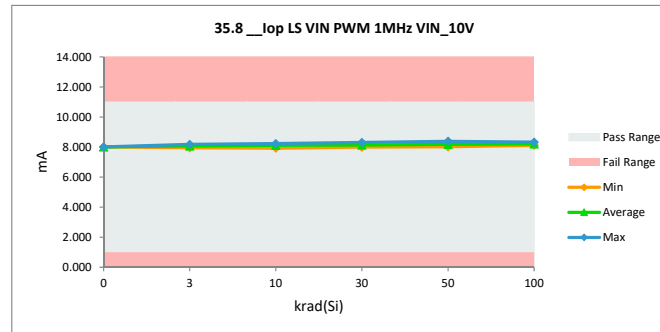
TPS7H6003-SP (5962R2220101VXC)

35.8 __Iop LS VIN PWM 1MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	11	11
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	8.007	8.007	0.000
3	58	8.074	8.076	0.002
3	59	7.947	7.953	0.006
3	60	7.946	7.953	0.008
3	61	8.009	8.022	0.012
3	62	8.063	8.050	-0.012
3	134	7.951	8.116	0.166
3	137	7.980	8.118	0.138
3	138	8.012	8.106	0.094
3	139	8.164	8.156	-0.009
3	236	8.020	8.175	0.154
10	63	8.188	8.191	0.003
10	64	8.224	8.224	-0.001
10	65	8.140	8.139	-0.001
10	66	7.929	7.926	-0.003
10	150	8.038	8.021	-0.017
10	237	8.080	8.169	0.089
10	241	8.218	8.114	-0.104
10	242	8.016	8.019	0.004
10	243	8.095	8.103	0.008
10	244	8.215	8.179	-0.036
30	141	8.095	8.143	0.048
30	144	8.069	8.115	0.046
30	145	8.154	8.202	0.048
30	146	8.071	8.102	0.030
30	147	8.160	8.192	0.032
30	132	8.040	8.082	0.041
30	133	8.225	8.298	0.073
30	135	8.231	7.997	-0.234
30	245	8.053	8.106	0.053
30	246	8.082	8.117	0.035
50	67	8.180	8.252	0.072
50	68	7.952	8.264	0.312
50	69	8.106	8.186	0.080
50	71	7.980	8.111	0.131
50	72	8.044	8.131	0.087
50	172	8.233	8.387	0.154
50	173	8.046	8.084	0.038
50	174	7.894	8.019	0.125
50	183	7.946	8.042	0.096
50	186	8.147	8.244	0.097
100	95	8.143	8.301	0.158
100	102	8.004	8.147	0.143
100	104	7.996	8.180	0.184
100	105	8.067	8.239	0.172
100	106	8.115	8.148	0.034
100	178	8.151	8.328	0.176
100	179	8.091	8.198	0.107
100	180	8.108	8.219	0.111
100	181	7.924	8.117	0.193
100	182	8.040	8.242	0.202
Max		8.233	8.387	0.312
Average		8.072	8.137	0.066
Min		7.894	7.926	-0.234
Std Dev		0.091	0.099	0.088



35.8 __Iop LS VIN PWM 1MHz VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	11	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	8.007	7.953	7.926	7.997	8.019	8.117
Average	8.007	8.072	8.108	8.135	8.172	8.212
Max	8.007	8.175	8.224	8.298	8.387	8.328
UL	11.000	11.000	11.000	11.000	11.000	11.000

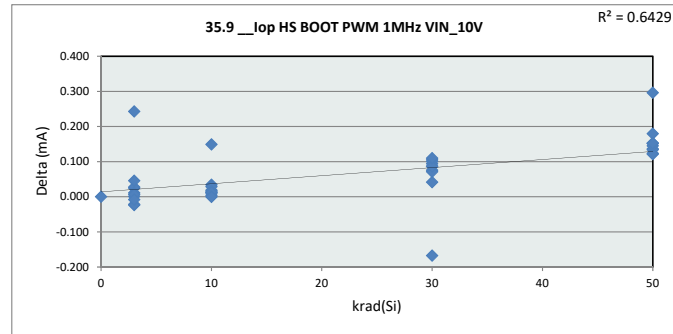


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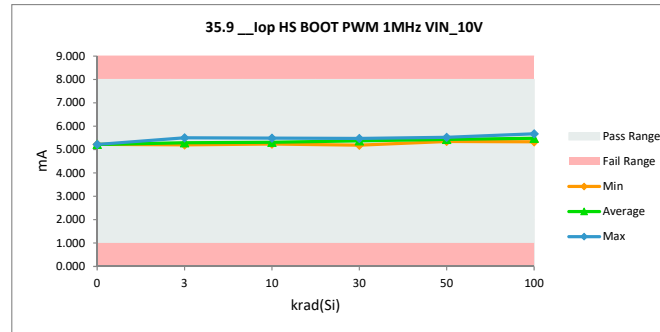
35.9 __Iop HS BOOT PWM 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.220	5.220	0.000
3	58	5.201	5.226	0.025
3	59	5.284	5.285	0.001
3	60	5.170	5.197	0.028
3	61	5.193	5.204	0.011
3	62	5.202	5.208	0.007
3	134	5.251	5.297	0.046
3	137	5.319	5.297	-0.022
3	138	5.306	5.283	-0.024
3	139	5.418	5.410	-0.008
3	236	5.256	5.499	0.243
10	63	5.294	5.328	0.034
10	64	5.306	5.316	0.010
10	65	5.238	5.256	0.019
10	66	5.208	5.236	0.029
10	150	5.344	5.348	0.004
10	237	5.341	5.490	0.149
10	241	5.275	5.292	0.016
10	242	5.260	5.273	0.012
10	243	5.227	5.240	0.013
10	244	5.286	5.286	-0.001
30	141	5.358	5.458	0.100
30	144	5.211	5.298	0.087
30	145	5.344	5.386	0.042
30	146	5.236	5.330	0.094
30	147	5.353	5.429	0.076
30	132	5.135	5.206	0.071
30	133	5.350	5.455	0.105
30	135	5.356	5.189	-0.167
30	245	5.389	5.476	0.086
30	246	5.360	5.470	0.110
50	67	5.317	5.440	0.123
50	68	5.223	5.520	0.296
50	69	5.290	5.427	0.136
50	71	5.196	5.348	0.152
50	72	5.354	5.489	0.134
50	172	5.328	5.450	0.121
50	173	5.232	5.384	0.153
50	174	5.367	5.512	0.145
50	183	5.239	5.418	0.179
50	186	5.218	5.371	0.152
100	95	5.312	5.516	0.205
100	102	5.135	5.329	0.194
100	104	5.197	5.456	0.258
100	105	5.231	5.467	0.236
100	106	5.191	5.383	0.192
100	178	5.404	5.674	0.270
100	179	5.260	5.528	0.268
100	180	5.228	5.442	0.214
100	181	5.256	5.506	0.249
100	182	5.263	5.538	0.275
Max		5.418	5.674	0.296
Average		5.273	5.374	0.101
Min		5.135	5.189	-0.167
Std Dev		0.069	0.114	0.101



35.9 __Iop HS BOOT		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.221	5.197	5.236	5.189	5.348	5.329
Average	5.221	5.291	5.307	5.370	5.436	5.484
Max	5.221	5.499	5.490	5.476	5.520	5.675
UL	8.000	8.000	8.000	8.000	8.000	8.000

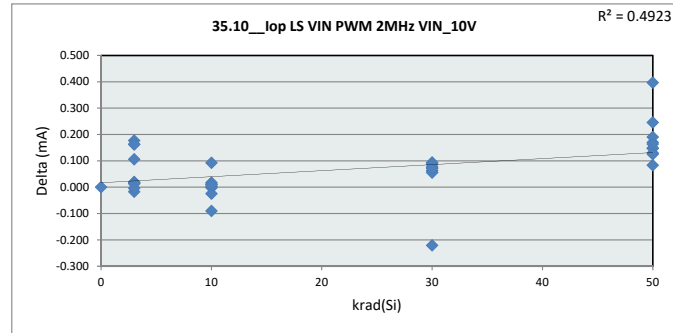


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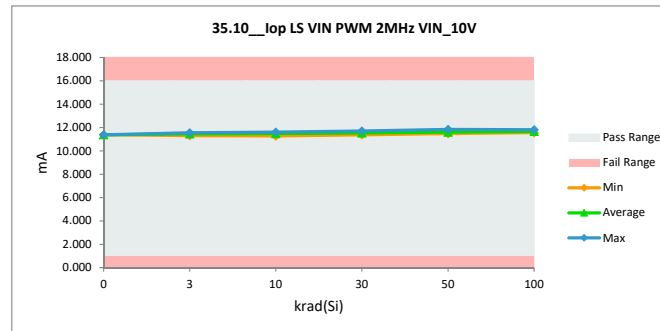
TPS7H6003-SP (5962R2220101VXC)

35.10 Iop LS VIN PWM 2MHz V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	16	16
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	11.378	11.378	0.000
3	58	11.436	11.450	0.013
3	59	11.302	11.320	0.018
3	60	11.283	11.302	0.020
3	61	11.379	11.392	0.014
3	62	11.441	11.424	-0.017
3	134	11.319	11.496	0.177
3	137	11.335	11.498	0.163
3	138	11.378	11.484	0.106
3	139	11.535	11.531	-0.004
3	236	11.379	11.541	0.162
10	63	11.563	11.572	0.010
10	64	11.597	11.598	0.001
10	65	11.516	11.533	0.017
10	66	11.273	11.275	0.001
10	150	11.418	11.416	-0.002
10	237	11.444	11.536	0.092
10	241	11.583	11.493	-0.090
10	242	11.347	11.359	0.012
10	243	11.456	11.465	0.009
10	244	11.571	11.546	-0.025
30	141	11.471	11.564	0.093
30	144	11.448	11.525	0.077
30	145	11.554	11.617	0.063
30	146	11.419	11.475	0.056
30	147	11.540	11.613	0.073
30	132	11.419	11.475	0.056
30	133	11.602	11.694	0.092
30	135	11.589	11.368	-0.221
30	245	11.423	11.509	0.086
30	246	11.468	11.539	0.071
50	67	11.533	11.662	0.129
50	68	11.303	11.700	0.397
50	69	11.480	11.628	0.148
50	71	11.351	11.521	0.170
50	72	11.388	11.535	0.147
50	172	11.594	11.839	0.246
50	173	11.409	11.493	0.084
50	174	11.285	11.476	0.190
50	183	11.323	11.486	0.163
50	186	11.523	11.649	0.125
100	95	11.513	11.757	0.244
100	102	11.352	11.599	0.246
100	104	11.339	11.616	0.277
100	105	11.439	11.724	0.285
100	106	11.477	11.562	0.085
100	178	11.521	11.800	0.279
100	179	11.456	11.648	0.192
100	180	11.490	11.659	0.170
100	181	11.289	11.575	0.287
100	182	11.401	11.703	0.302
Max		11.602	11.839	0.397
Average		11.438	11.542	0.104
Min		11.273	11.275	-0.221
Std Dev		0.095	0.123	0.115



35.10 Iop LS VIN						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	16	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	11.378	11.303	11.275	11.368	11.476	11.562
Average	11.378	11.444	11.479	11.538	11.599	11.664
Max	11.378	11.541	11.598	11.694	11.839	11.801
UL	16.000	16.000	16.000	16.000	16.000	16.000

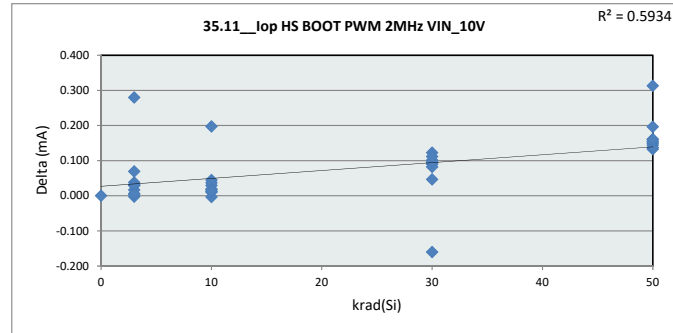


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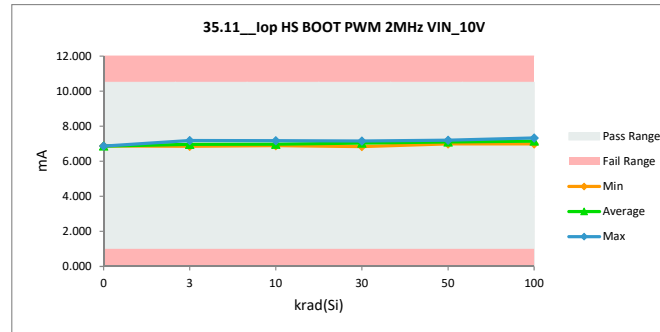
TPS7H6003-SP (5962R2220101VXC)

35.11_Iop HS BOOT PWM 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	10.5	10.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	6.867	6.867	0.000
3	58	6.867	6.905	0.038
3	59	6.936	6.952	0.016
3	60	6.821	6.850	0.029
3	61	6.839	6.870	0.031
3	62	6.844	6.875	0.031
3	134	6.901	6.970	0.069
3	137	6.976	6.973	-0.002
3	138	6.950	6.955	0.005
3	139	7.075	7.081	0.006
3	236	6.898	7.177	0.280
10	63	6.946	6.976	0.030
10	64	6.965	6.984	0.018
10	65	6.902	6.914	0.012
10	66	6.842	6.887	0.045
10	150	7.007	7.003	-0.004
10	237	6.970	7.167	0.197
10	241	6.928	6.965	0.037
10	242	6.919	6.929	0.010
10	243	6.887	6.906	0.019
10	244	6.940	6.953	0.013
30	141	7.023	7.124	0.101
30	144	6.862	6.956	0.094
30	145	7.006	7.053	0.047
30	146	6.890	6.984	0.094
30	147	7.007	7.097	0.090
30	132	6.800	6.882	0.082
30	133	7.005	7.128	0.123
30	135	7.000	6.840	-0.160
30	245	7.060	7.155	0.096
30	246	7.011	7.123	0.112
50	67	6.960	7.093	0.133
50	68	6.882	7.195	0.313
50	69	6.944	7.088	0.144
50	71	6.837	6.990	0.153
50	72	6.994	7.142	0.148
50	172	6.968	7.105	0.137
50	173	6.882	7.043	0.161
50	174	7.025	7.180	0.155
50	183	6.891	7.088	0.196
50	186	6.863	7.024	0.161
100	95	6.971	7.181	0.210
100	102	6.782	6.985	0.203
100	104	6.854	7.130	0.276
100	105	6.885	7.127	0.242
100	106	6.847	7.028	0.181
100	178	7.053	7.330	0.277
100	179	6.921	7.202	0.281
100	180	6.886	7.115	0.228
100	181	6.923	7.176	0.253
100	182	6.920	7.213	0.293
Max		7.075	7.330	0.313
Average		6.926	7.038	0.112
Min		6.782	6.840	-0.160
Std Dev		0.070	0.116	0.103



35.11_Iop HS BOOT PWM 2MHz VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	10.5	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.867	6.850	6.887	6.840	6.990	6.985
Average	6.867	6.961	6.968	7.034	7.095	7.149
Max	6.867	7.177	7.167	7.155	7.195	7.330
UL	10.500	10.500	10.500	10.500	10.500	10.500

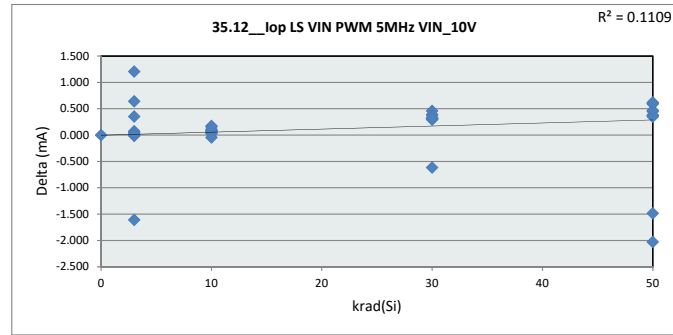


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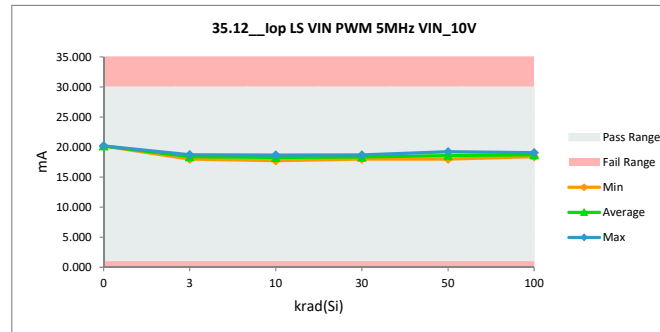
TPS7H6003-SP (5962R2220101VXC)

35.12 Iop LS VIN PWM 5MHz V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	30
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.187	20.187	0.000
3	58	17.994	18.000	0.006
3	59	18.156	18.228	0.073
3	60	17.972	18.018	0.045
3	61	18.154	18.168	0.013
3	62	18.034	18.020	-0.014
3	134	17.471	18.675	1.204
3	137	18.323	18.674	0.351
3	138	18.022	18.664	0.642
3	139	18.710	18.724	0.014
3	236	20.182	18.573	-1.609
10	63	18.430	18.458	0.028
10	64	17.827	17.984	0.157
10	65	18.435	18.465	0.030
10	66	17.871	17.980	0.108
10	150	18.030	18.104	0.073
10	237	18.505	18.569	0.064
10	241	18.579	18.670	0.091
10	242	17.649	17.728	0.078
10	243	18.105	18.278	0.173
10	244	18.523	18.476	-0.046
30	141	18.145	18.458	0.313
30	144	17.900	18.288	0.388
30	145	18.233	18.550	0.318
30	146	17.935	18.268	0.334
30	147	18.253	18.553	0.300
30	132	17.525	17.983	0.458
30	133	18.294	18.673	0.379
30	135	18.722	18.105	-0.616
30	245	18.153	18.448	0.296
30	246	17.803	18.132	0.329
50	67	18.295	18.669	0.375
50	68	20.288	18.804	-1.484
50	69	17.747	18.340	0.593
50	71	17.851	18.471	0.619
50	72	18.296	18.742	0.446
50	172	18.840	19.217	0.377
50	173	18.110	18.459	0.349
50	174	20.004	17.977	-2.026
50	183	17.860	18.332	0.472
50	186	17.994	18.588	0.594
100	95	18.231	18.650	0.419
100	102	17.819	18.709	0.890
100	104	18.060	18.795	0.736
100	105	17.992	18.879	0.887
100	106	17.785	18.508	0.723
100	178	18.106	19.043	0.937
100	179	17.641	18.552	0.911
100	180	19.048	18.399	-0.649
100	181	17.837	18.677	0.839
100	182	17.764	18.861	1.098
Max		20.288	20.187	1.204
Average		18.268	18.486	0.217
Min		17.471	17.728	-2.026
Std Dev		0.648	0.394	0.614



35.12 Iop LS VIN PWM 5MHz V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	30	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	20.187	18.000	17.728	17.983	17.977	18.399
Average	20.187	18.374	18.271	18.346	18.560	18.707
Max	20.187	18.724	18.670	18.673	19.217	19.043
UL	30.000	30.000	30.000	30.000	30.000	30.000

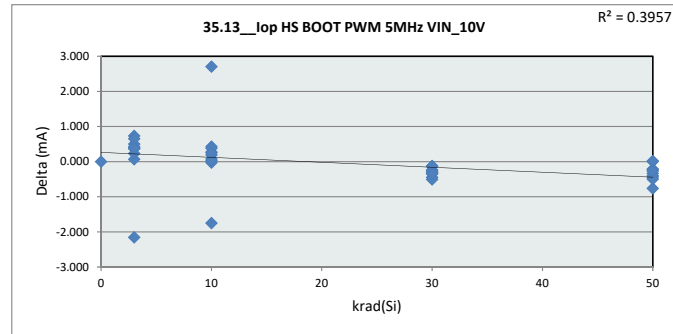


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TPS7H6003-SP (5962R2220101VXC)

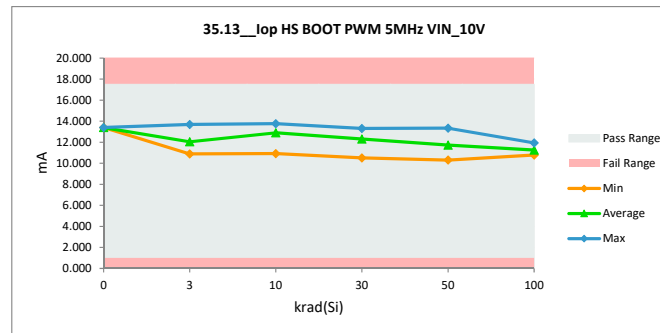
35.13 Iop HS BOOT PWM 5MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	17.5	17.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	13.392	13.392	0.000
3	58	12.649	13.150	0.501
3	59	11.287	12.018	0.731
3	60	11.960	12.610	0.650
3	61	10.816	10.886	0.069
3	62	10.839	11.072	0.233
3	134	13.553	11.398	-2.155
3	137	11.027	11.397	0.370
3	138	10.966	11.387	0.421
3	139	12.429	12.808	0.380
3	236	13.299	13.684	0.385
10	63	13.475	13.745	0.271
10	64	13.578	13.767	0.189
10	65	13.565	13.539	-0.026
10	66	10.833	10.910	0.078
10	150	13.719	13.751	0.033
10	237	10.982	13.687	2.705
10	241	13.148	11.396	-1.751
10	242	13.090	13.519	0.429
10	243	11.748	12.131	0.383
10	244	12.323	12.579	0.256
30	141	13.279	12.958	-0.321
30	144	12.499	12.365	-0.134
30	145	11.397	11.128	-0.269
30	146	12.573	12.334	-0.239
30	147	13.040	12.696	-0.344
30	132	12.560	12.437	-0.123
30	133	12.885	12.580	-0.306
30	135	10.963	10.514	-0.449
30	245	13.196	12.691	-0.504
30	246	13.651	13.302	-0.349
50	67	11.017	11.022	0.005
50	68	12.395	12.183	-0.212
50	69	13.298	12.538	-0.761
50	71	10.747	10.308	-0.439
50	72	12.060	11.831	-0.228
50	172	10.941	10.958	0.017
50	173	12.432	12.099	-0.333
50	174	13.744	13.342	-0.401
50	183	12.984	12.488	-0.496
50	186	10.748	10.485	-0.263
100	95	13.427	11.563	-1.864
100	102	11.901	10.970	-0.931
100	104	12.540	11.375	-1.165
100	105	11.982	10.780	-1.202
100	106	12.255	10.857	-1.398
100	178	12.157	11.390	-0.767
100	179	12.368	11.310	-1.057
100	180	13.258	11.936	-1.322
100	181	12.666	11.237	-1.430
100	182	11.837	11.140	-0.697
Max		13.744	13.767	2.705
Average		12.343	12.071	-0.271
Min		10.747	10.308	-2.155
Std Dev		0.969	1.022	0.791



35.13 Iop HS BOOT PWM 5MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	17.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	13.392	10.886	10.910	10.514	10.308	10.780
Average	13.392	12.041	12.903	12.301	11.725	11.256
Max	13.392	13.685	13.767	13.302	13.342	11.936
UL	17.500	17.500	17.500	17.500	17.500	17.500

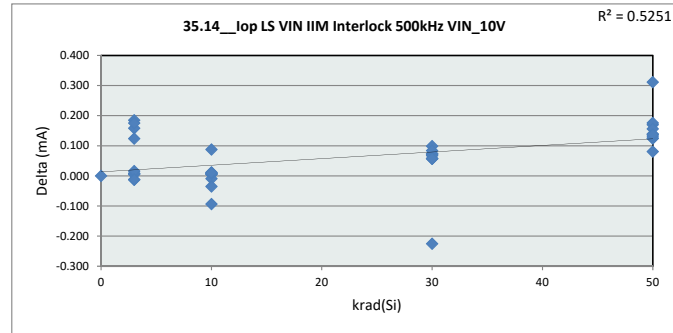


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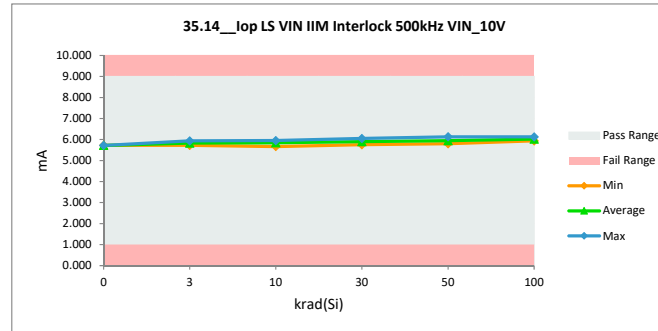
35.14 Top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	9	9
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.719	5.719	0.000
3	58	5.806	5.810	0.004
3	59	5.734	5.742	0.008
3	60	5.715	5.724	0.009
3	61	5.758	5.774	0.016
3	62	5.786	5.773	-0.013
3	134	5.693	5.878	0.185
3	137	5.721	5.879	0.158
3	138	5.743	5.867	0.123
3	139	5.946	5.934	-0.012
3	236	5.754	5.929	0.175
10	63	5.914	5.926	0.012
10	64	5.905	5.910	0.005
10	65	5.816	5.824	0.008
10	66	5.661	5.666	0.005
10	150	5.789	5.780	-0.009
10	237	5.837	5.924	0.088
10	241	5.969	5.875	-0.093
10	242	5.771	5.779	0.008
10	243	5.794	5.804	0.010
10	244	5.987	5.951	-0.035
30	141	5.821	5.892	0.071
30	144	5.760	5.834	0.074
30	145	5.903	5.976	0.073
30	146	5.839	5.896	0.057
30	147	5.914	5.970	0.057
30	132	5.746	5.813	0.067
30	133	5.951	6.050	0.099
30	135	5.980	5.754	-0.226
30	245	5.763	5.847	0.084
30	246	5.850	5.907	0.058
50	67	5.888	6.013	0.125
50	68	5.673	5.985	0.312
50	69	5.847	5.973	0.125
50	71	5.766	5.936	0.170
50	72	5.780	5.919	0.139
50	172	5.953	6.129	0.176
50	173	5.760	5.841	0.081
50	174	5.643	5.799	0.156
50	183	5.717	5.849	0.132
50	186	5.850	5.987	0.137
100	95	5.853	6.105	0.253
100	102	5.762	5.984	0.222
100	104	5.766	6.031	0.265
100	105	5.778	6.016	0.239
100	106	5.845	5.982	0.137
100	178	5.877	6.124	0.247
100	179	5.817	6.001	0.185
100	180	5.805	6.020	0.215
100	181	5.663	5.935	0.271
100	182	5.744	6.016	0.273
Max		5.987	6.129	0.312
Average		5.806	5.903	0.097
Min		5.643	5.666	-0.226
Std Dev		0.088	0.108	0.107



35.14 Top LS VIN		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	9	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.719	5.724	5.666	5.754	5.799	5.935
Average	5.719	5.831	5.844	5.894	5.943	6.021
Max	5.719	5.934	5.951	6.050	6.129	6.124
UL	9.000	9.000	9.000	9.000	9.000	9.000

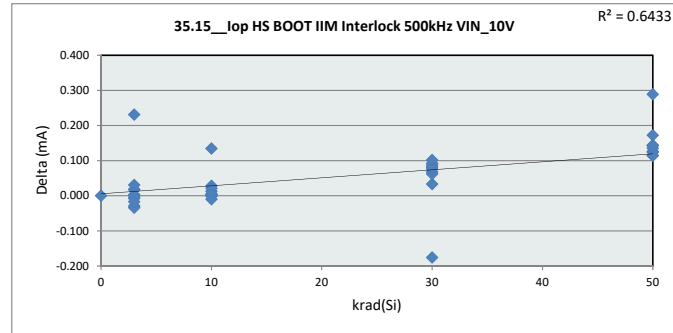


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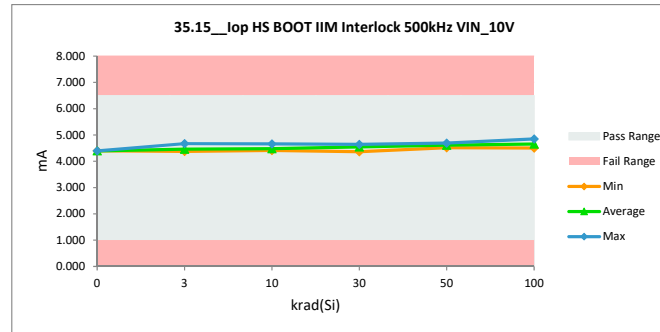
35.15 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.5	6.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.395	4.395	0.000
3	58	4.379	4.397	0.018
3	59	4.463	4.456	-0.008
3	60	4.356	4.374	0.018
3	61	4.375	4.378	0.003
3	62	4.384	4.381	-0.003
3	134	4.432	4.463	0.031
3	137	4.494	4.465	-0.029
3	138	4.484	4.450	-0.034
3	139	4.596	4.579	-0.017
3	236	4.439	4.670	0.231
10	63	4.474	4.503	0.028
10	64	4.483	4.487	0.004
10	65	4.414	4.427	0.013
10	66	4.393	4.414	0.021
10	150	4.517	4.516	-0.001
10	237	4.526	4.661	0.134
10	241	4.458	4.459	0.001
10	242	4.441	4.445	0.004
10	243	4.406	4.412	0.005
10	244	4.469	4.459	-0.010
30	141	4.534	4.625	0.091
30	144	4.394	4.476	0.081
30	145	4.518	4.552	0.034
30	146	4.422	4.507	0.085
30	147	4.535	4.603	0.068
30	132	4.315	4.377	0.062
30	133	4.532	4.625	0.092
30	135	4.536	4.361	-0.175
30	245	4.566	4.642	0.076
30	246	4.542	4.643	0.102
50	67	4.495	4.609	0.115
50	68	4.402	4.691	0.289
50	69	4.473	4.600	0.126
50	71	4.372	4.516	0.144
50	72	4.542	4.665	0.123
50	172	4.511	4.625	0.114
50	173	4.419	4.562	0.143
50	174	4.545	4.680	0.135
50	183	4.423	4.595	0.173
50	186	4.398	4.541	0.143
100	95	4.492	4.688	0.196
100	102	4.321	4.503	0.182
100	104	4.380	4.623	0.243
100	105	4.417	4.638	0.221
100	106	4.374	4.562	0.189
100	178	4.588	4.848	0.260
100	179	4.441	4.697	0.257
100	180	4.408	4.610	0.201
100	181	4.432	4.674	0.242
100	182	4.445	4.706	0.261
Max		4.596	4.848	0.289
Average		4.454	4.546	0.092
Min		4.315	4.361	-0.175
Std Dev		0.069	0.113	0.100



35.15 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	6.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.395	4.374	4.412	4.361	4.516	4.503
Average	4.395	4.461	4.478	4.541	4.608	4.655
Max	4.395	4.670	4.661	4.643	4.691	4.848
UL	6.500	6.500	6.500	6.500	6.500	6.500

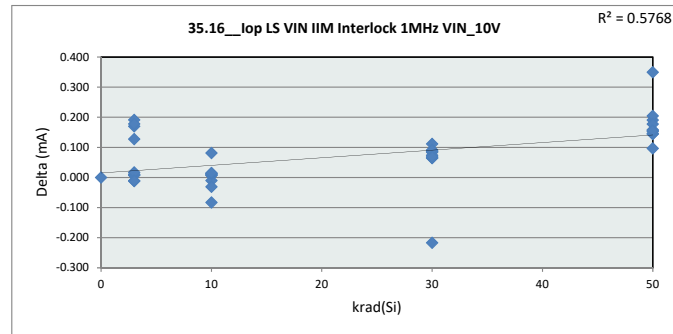


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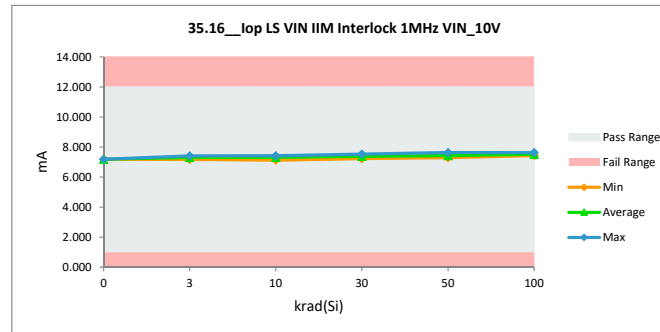
35.16 Top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	12	12
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	7.184	7.184	0.000
3	58	7.271	7.279	0.008
3	59	7.197	7.206	0.008
3	60	7.164	7.174	0.011
3	61	7.226	7.243	0.017
3	62	7.254	7.242	-0.012
3	134	7.160	7.352	0.191
3	137	7.183	7.353	0.170
3	138	7.213	7.340	0.128
3	139	7.417	7.406	-0.011
3	236	7.212	7.390	0.178
10	63	7.382	7.395	0.013
10	64	7.372	7.379	0.007
10	65	7.284	7.293	0.009
10	66	7.118	7.127	0.009
10	150	7.263	7.253	-0.010
10	237	7.303	7.385	0.082
10	241	7.431	7.348	-0.083
10	242	7.222	7.234	0.012
10	243	7.251	7.266	0.015
10	244	7.449	7.417	-0.031
30	141	7.291	7.374	0.084
30	144	7.231	7.318	0.086
30	145	7.382	7.470	0.088
30	146	7.297	7.362	0.065
30	147	7.386	7.451	0.065
30	132	7.216	7.290	0.074
30	133	7.418	7.529	0.111
30	135	7.446	7.230	-0.217
30	245	7.232	7.324	0.091
30	246	7.320	7.389	0.069
50	67	7.349	7.495	0.145
50	68	7.130	7.479	0.349
50	69	7.318	7.463	0.144
50	71	7.234	7.424	0.191
50	72	7.237	7.396	0.159
50	172	7.423	7.627	0.204
50	173	7.222	7.319	0.097
50	174	7.117	7.294	0.177
50	183	7.187	7.339	0.152
50	186	7.318	7.474	0.155
100	95	7.320	7.606	0.286
100	102	7.218	7.476	0.258
100	104	7.221	7.519	0.298
100	105	7.237	7.528	0.291
100	106	7.307	7.466	0.160
100	178	7.345	7.627	0.282
100	179	7.285	7.498	0.213
100	180	7.280	7.512	0.232
100	181	7.126	7.432	0.306
100	182	7.207	7.515	0.308
Max		7.449	7.627	0.349
Average		7.272	7.382	0.110
Min		7.117	7.127	-0.217
Std Dev		0.089	0.118	0.117



35.16 Top LS VIN I		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	12	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	7.184	7.174	7.127	7.230	7.294	7.432
Average	7.184	7.298	7.310	7.374	7.431	7.518
Max	7.184	7.406	7.417	7.529	7.627	7.627
UL	12.000	12.000	12.000	12.000	12.000	12.000

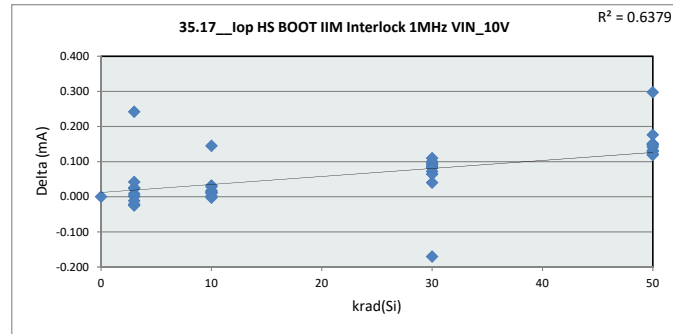


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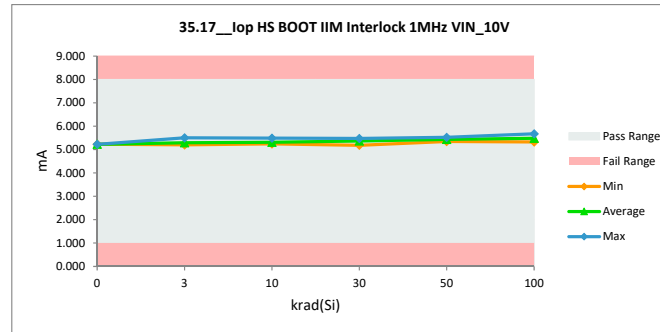
35.17 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.225	5.225	0.000
3	58	5.205	5.229	0.024
3	59	5.286	5.287	0.001
3	60	5.174	5.199	0.025
3	61	5.197	5.206	0.009
3	62	5.208	5.210	0.003
3	134	5.253	5.295	0.042
3	137	5.318	5.297	-0.021
3	138	5.306	5.281	-0.025
3	139	5.418	5.407	-0.011
3	236	5.258	5.499	0.242
10	63	5.295	5.327	0.032
10	64	5.307	5.318	0.011
10	65	5.236	5.254	0.018
10	66	5.213	5.241	0.028
10	150	5.342	5.344	0.002
10	237	5.345	5.490	0.145
10	241	5.277	5.292	0.015
10	242	5.263	5.275	0.012
10	243	5.231	5.243	0.011
10	244	5.288	5.286	-0.002
30	141	5.359	5.455	0.096
30	144	5.213	5.300	0.087
30	145	5.346	5.386	0.040
30	146	5.239	5.331	0.092
30	147	5.355	5.427	0.072
30	132	5.140	5.204	0.064
30	133	5.353	5.453	0.100
30	135	5.357	5.186	-0.170
30	245	5.391	5.473	0.082
30	246	5.356	5.466	0.110
50	67	5.315	5.437	0.122
50	68	5.223	5.520	0.297
50	69	5.293	5.421	0.129
50	71	5.193	5.344	0.151
50	72	5.357	5.489	0.132
50	172	5.331	5.450	0.119
50	173	5.237	5.385	0.148
50	174	5.369	5.510	0.141
50	183	5.243	5.419	0.176
50	186	5.222	5.370	0.148
100	95	5.313	5.515	0.203
100	102	5.137	5.326	0.189
100	104	5.203	5.456	0.254
100	105	5.239	5.468	0.229
100	106	5.195	5.386	0.191
100	178	5.407	5.675	0.268
100	179	5.265	5.529	0.264
100	180	5.228	5.437	0.208
100	181	5.256	5.502	0.246
100	182	5.269	5.542	0.273
Max		5.418	5.675	0.297
Average		5.275	5.374	0.098
Min		5.137	5.186	-0.170
Std Dev		0.068	0.113	0.101



35.17 Iop HS BOOT IIM Interlock 1MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	8	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.225	5.199	5.242	5.186	5.344	5.326
Average	5.225	5.291	5.307	5.368	5.435	5.484
Max	5.225	5.500	5.490	5.473	5.520	5.675
UL	8.000	8.000	8.000	8.000	8.000	8.000

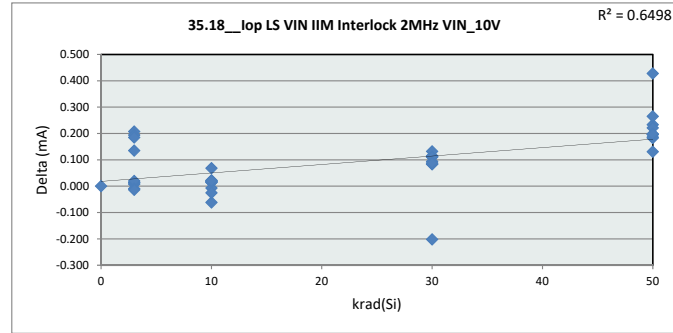


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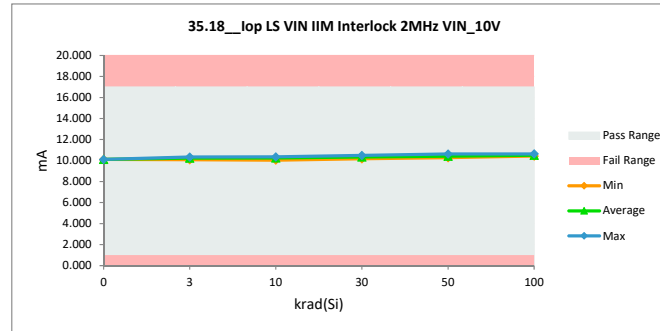
35.18_top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	17	17
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	10.107	10.107	0.000
3	58	10.193	10.207	0.013
3	59	10.116	10.123	0.008
3	60	10.055	10.068	0.013
3	61	10.154	10.174	0.020
3	62	10.181	10.171	-0.010
3	134	10.085	10.292	0.207
3	137	10.101	10.295	0.194
3	138	10.142	10.277	0.135
3	139	10.349	10.336	-0.014
3	236	10.122	10.307	0.185
10	63	10.310	10.332	0.022
10	64	10.298	10.312	0.014
10	65	10.209	10.226	0.017
10	66	10.023	10.038	0.015
10	150	10.204	10.197	-0.007
10	237	10.232	10.300	0.068
10	241	10.350	10.288	-0.062
10	242	10.116	10.135	0.019
10	243	10.160	10.181	0.020
10	244	10.366	10.340	-0.025
30	141	10.224	10.335	0.112
30	144	10.165	10.280	0.115
30	145	10.334	10.447	0.113
30	146	10.203	10.287	0.084
30	147	10.323	10.407	0.084
30	132	10.146	10.240	0.094
30	133	10.347	10.479	0.132
30	135	10.369	10.167	-0.202
30	245	10.161	10.272	0.111
30	246	10.255	10.342	0.088
50	67	10.264	10.448	0.183
50	68	10.037	10.465	0.428
50	69	10.252	10.438	0.186
50	71	10.162	10.395	0.233
50	72	10.142	10.340	0.198
50	172	10.353	10.618	0.265
50	173	10.137	10.268	0.131
50	174	10.057	10.279	0.221
50	183	10.122	10.318	0.196
50	186	10.245	10.443	0.198
100	95	10.249	10.604	0.355
100	102	10.124	10.455	0.331
100	104	10.127	10.490	0.363
100	105	10.151	10.541	0.389
100	106	10.224	10.426	0.202
100	178	10.272	10.631	0.359
100	179	10.211	10.489	0.278
100	180	10.219	10.493	0.274
100	181	10.047	10.425	0.378
100	182	10.122	10.506	0.384
Max		10.369	10.631	0.428
Average		10.194	10.334	0.140
Min		10.023	10.038	-0.202
Std Dev		0.094	0.141	0.140



35.18_top LS VIN I		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	17	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	10.107	10.068	10.038	10.167	10.268	10.425
Average	10.107	10.225	10.235	10.326	10.401	10.506
Max	10.107	10.336	10.340	10.479	10.618	10.631
UL	17.000	17.000	17.000	17.000	17.000	17.000

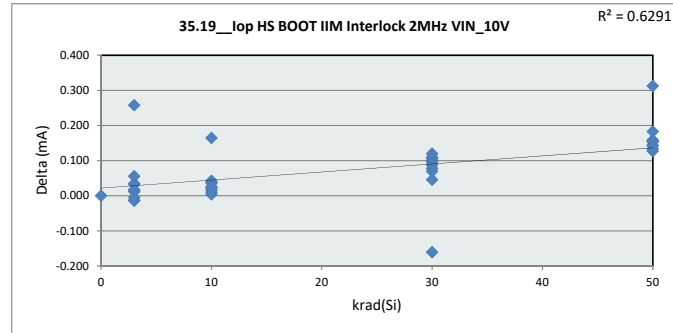


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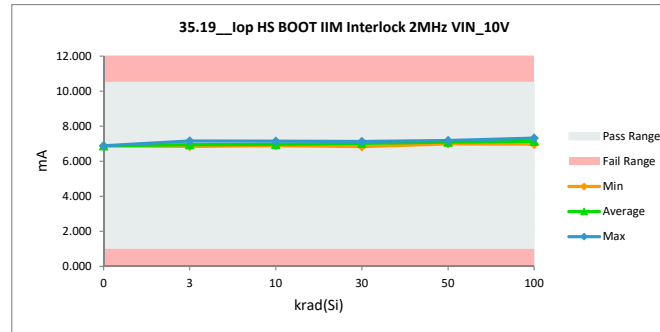
35.19 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	10.5	10.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	6.883	6.883	0.000
3	58	6.856	6.889	0.032
3	59	6.929	6.941	0.012
3	60	6.811	6.846	0.035
3	61	6.842	6.858	0.016
3	62	6.852	6.869	0.017
3	134	6.897	6.952	0.056
3	137	6.967	6.955	-0.012
3	138	6.952	6.938	-0.014
3	139	7.062	7.057	-0.005
3	236	6.894	7.152	0.258
10	63	6.936	6.978	0.043
10	64	6.956	6.972	0.016
10	65	6.884	6.909	0.026
10	66	6.857	6.893	0.036
10	150	6.990	7.000	0.010
10	237	6.979	7.143	0.165
10	241	6.911	6.948	0.037
10	242	6.909	6.931	0.023
10	243	6.880	6.903	0.023
10	244	6.926	6.930	0.004
30	141	7.004	7.114	0.109
30	144	6.852	6.948	0.095
30	145	7.001	7.047	0.046
30	146	6.877	6.978	0.101
30	147	6.991	7.069	0.077
30	132	6.788	6.858	0.069
30	133	6.994	7.101	0.107
30	135	6.996	6.836	-0.161
30	245	7.040	7.128	0.088
30	246	6.985	7.106	0.120
50	67	6.956	7.089	0.134
50	68	6.867	7.179	0.313
50	69	6.929	7.072	0.143
50	71	6.835	6.994	0.159
50	72	6.987	7.129	0.143
50	172	6.970	7.097	0.127
50	173	6.878	7.031	0.153
50	174	7.017	7.174	0.157
50	183	6.882	7.065	0.183
50	186	6.872	7.028	0.157
100	95	6.956	7.163	0.207
100	102	6.769	6.972	0.203
100	104	6.845	7.117	0.272
100	105	6.884	7.128	0.244
100	106	6.836	7.027	0.191
100	178	7.044	7.320	0.277
100	179	6.915	7.191	0.276
100	180	6.869	7.097	0.228
100	181	6.904	7.156	0.252
100	182	6.920	7.208	0.288
Max		7.062	7.320	0.313
Average		6.918	7.027	0.109
Min		6.769	6.836	-0.161
Std Dev		0.068	0.113	0.102



35.19 Iop HS BOOT IIM Interlock 2MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	10.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.883	6.847	6.893	6.836	6.994	6.972
Average	6.883	6.946	6.961	7.018	7.086	7.138
Max	6.883	7.152	7.143	7.128	7.179	7.320
UL	10.500	10.500	10.500	10.500	10.500	10.500

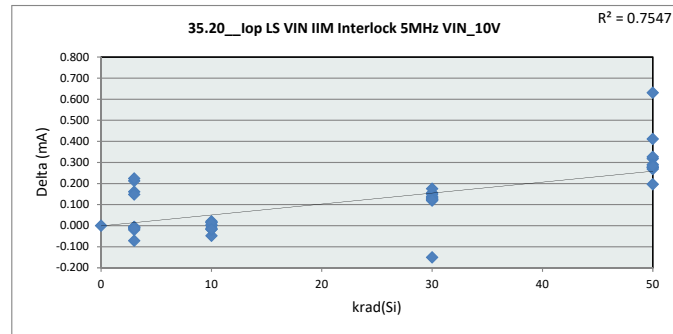


TID HDR Report

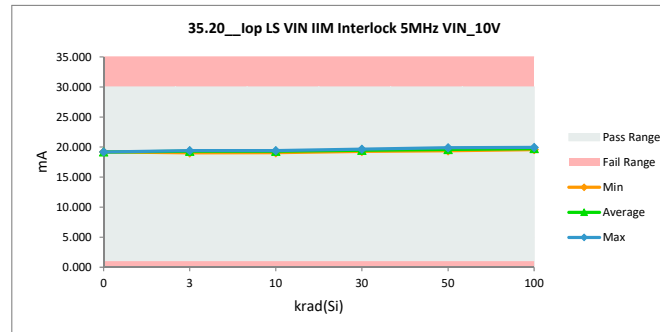
TPS7H6003-SP (5962R2220101VXC)

35.20_top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	30
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	19.174	19.174	0.000
3	58	19.261	19.253	-0.007
3	59	19.187	19.167	-0.020
3	60	19.032	19.025	-0.007
3	61	19.262	19.256	-0.006
3	62	19.254	19.241	-0.013
3	134	19.182	19.395	0.213
3	137	19.172	19.396	0.224
3	138	19.222	19.383	0.161
3	139	19.447	19.376	-0.071
3	236	19.169	19.317	0.148
10	63	19.405	19.406	0.001
10	64	19.395	19.398	0.002
10	65	19.270	19.291	0.021
10	66	19.040	19.056	0.016
10	150	19.339	19.291	-0.048
10	237	19.324	19.307	-0.017
10	241	19.407	19.395	-0.012
10	242	19.110	19.111	0.001
10	243	19.195	19.210	0.014
10	244	19.402	19.385	-0.016
30	141	19.342	19.498	0.156
30	144	19.290	19.439	0.149
30	145	19.506	19.645	0.139
30	146	19.217	19.341	0.125
30	147	19.406	19.535	0.128
30	132	19.241	19.375	0.134
30	133	19.432	19.607	0.175
30	135	19.428	19.278	-0.151
30	245	19.244	19.363	0.119
30	246	19.354	19.476	0.123
50	67	19.330	19.598	0.269
50	68	19.071	19.701	0.631
50	69	19.381	19.658	0.277
50	71	19.274	19.593	0.318
50	72	19.170	19.445	0.275
50	172	19.453	19.864	0.411
50	173	19.179	19.376	0.197
50	174	19.189	19.515	0.326
50	183	19.245	19.535	0.290
50	186	19.337	19.619	0.283
100	95	19.333	19.856	0.523
100	102	19.129	19.671	0.542
100	104	19.152	19.653	0.502
100	105	19.199	19.862	0.662
100	106	19.271	19.572	0.300
100	178	19.372	19.930	0.558
100	179	19.293	19.741	0.448
100	180	19.345	19.710	0.365
100	181	19.122	19.663	0.541
100	182	19.179	19.749	0.570
Max		19.506	19.930	0.662
Average		19.269	19.465	0.195
Min		19.032	19.025	-0.151
Std Dev		0.114	0.216	0.210



35.20_top LS VIN IIM Interlock 5MHz VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	30	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	19.174	19.025	19.056	19.278	19.376	19.572
Average	19.174	19.281	19.285	19.456	19.590	19.741
Max	19.174	19.396	19.406	19.645	19.864	19.930
UL	30.000	30.000	30.000	30.000	30.000	30.000

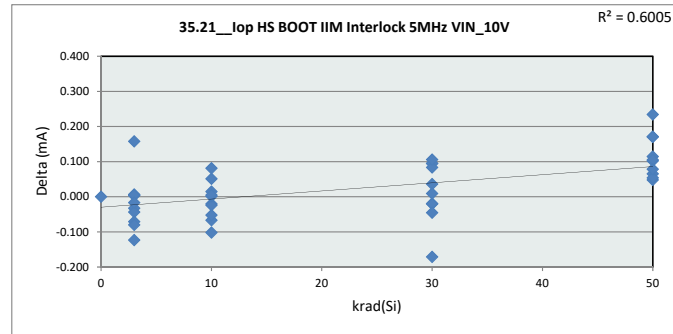


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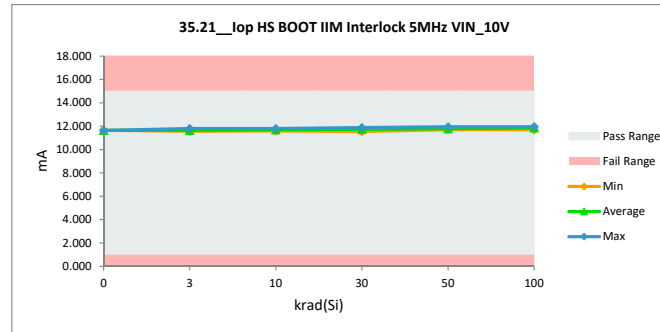
35.21 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	15	15
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	11.646	11.646	0.000
3	58	11.638	11.606	-0.033
3	59	11.698	11.701	0.003
3	60	11.556	11.562	0.007
3	61	11.610	11.566	-0.043
3	62	11.635	11.640	0.005
3	134	11.654	11.637	-0.017
3	137	11.763	11.640	-0.123
3	138	11.699	11.628	-0.071
3	139	11.809	11.729	-0.080
3	236	11.646	11.804	0.158
10	63	11.671	11.722	0.051
10	64	11.745	11.678	-0.067
10	65	11.642	11.657	0.015
10	66	11.645	11.593	-0.052
10	150	11.771	11.751	-0.020
10	237	11.715	11.796	0.081
10	241	11.663	11.639	-0.024
10	242	11.705	11.707	0.002
10	243	11.685	11.690	0.005
10	244	11.698	11.596	-0.102
30	141	11.785	11.880	0.095
30	144	11.592	11.687	0.095
30	145	11.765	11.746	-0.019
30	146	11.658	11.741	0.083
30	147	11.743	11.722	-0.020
30	132	11.585	11.539	-0.045
30	133	11.727	11.763	0.036
30	135	11.710	11.539	-0.171
30	245	11.821	11.830	0.009
30	246	11.698	11.804	0.106
50	67	11.691	11.757	0.065
50	68	11.658	11.893	0.234
50	69	11.624	11.794	0.170
50	71	11.594	11.709	0.114
50	72	11.736	11.838	0.102
50	172	11.708	11.756	0.048
50	173	11.653	11.707	0.054
50	174	11.770	11.941	0.171
50	183	11.641	11.746	0.105
50	186	11.637	11.715	0.078
100	95	11.712	11.832	0.120
100	102	11.521	11.705	0.184
100	104	11.607	11.899	0.292
100	105	11.649	11.863	0.214
100	106	11.592	11.711	0.119
100	178	11.759	11.961	0.202
100	179	11.727	11.907	0.180
100	180	11.604	11.867	0.264
100	181	11.691	11.846	0.155
100	182	11.726	11.942	0.217
Max		11.821	11.961	0.292
Average		11.680	11.738	0.058
Min		11.521	11.539	-0.171
Std Dev		0.066	0.109	0.105



35.21 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	15	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	11.646	11.562	11.593	11.539	11.707	11.705
Average	11.646	11.651	11.683	11.725	11.786	11.853
Max	11.646	11.804	11.796	11.880	11.941	11.961
UL	15.000	15.000	15.000	15.000	15.000	15.000

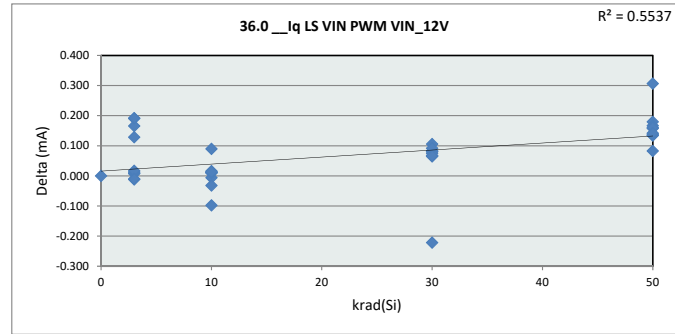


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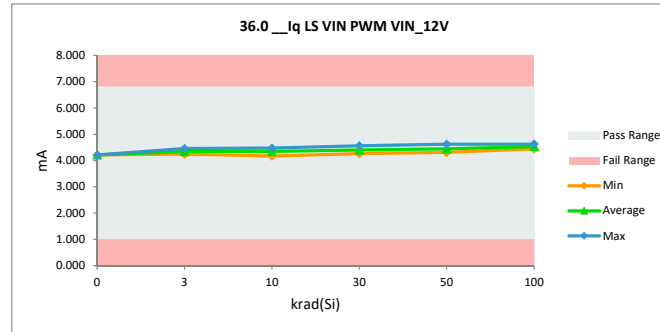
TPS7H6003-SP (5962R2220101VXC)

36.0 __Iq LS VIN PWM VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.8	6.8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	4.213	4.213	0.000
3	58	4.303	4.311	0.008
3	59	4.248	4.257	0.009
3	60	4.231	4.244	0.013
3	61	4.263	4.280	0.017
3	62	4.273	4.261	-0.012
3	134	4.192	4.382	0.191
3	137	4.218	4.384	0.166
3	138	4.243	4.371	0.129
3	139	4.464	4.453	-0.010
3	236	4.248	4.440	0.192
10	63	4.417	4.433	0.016
10	64	4.380	4.391	0.011
10	65	4.291	4.303	0.012
10	66	4.158	4.169	0.011
10	150	4.298	4.292	-0.006
10	237	4.344	4.434	0.090
10	241	4.478	4.380	-0.098
10	242	4.281	4.291	0.010
10	243	4.277	4.290	0.013
10	244	4.504	4.472	-0.032
30	141	4.308	4.389	0.081
30	144	4.229	4.313	0.083
30	145	4.404	4.484	0.080
30	146	4.349	4.416	0.067
30	147	4.418	4.483	0.065
30	132	4.227	4.302	0.075
30	133	4.452	4.558	0.106
30	135	4.483	4.261	-0.222
30	245	4.254	4.346	0.092
30	246	4.361	4.428	0.067
50	67	4.378	4.516	0.139
50	68	4.164	4.470	0.307
50	69	4.348	4.483	0.135
50	71	4.279	4.458	0.180
50	72	4.269	4.426	0.158
50	172	4.451	4.618	0.167
50	173	4.252	4.335	0.083
50	174	4.147	4.307	0.160
50	183	4.225	4.360	0.135
50	186	4.332	4.474	0.142
100	95	4.337	4.617	0.280
100	102	4.270	4.508	0.239
100	104	4.276	4.565	0.290
100	105	4.264	4.515	0.251
100	106	4.338	4.511	0.174
100	178	4.372	4.626	0.253
100	179	4.307	4.502	0.195
100	180	4.289	4.527	0.237
100	181	4.164	4.447	0.283
100	182	4.230	4.510	0.280
Max		4.504	4.626	0.307
Average		4.304	4.408	0.104
Min		4.147	4.169	-0.222
Std Dev		0.090	0.111	0.110



36.0 __Iq LS VIN PWM VIN_12V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.8	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.213	4.244	4.169	4.261	4.307	4.447
Average	4.213	4.338	4.346	4.398	4.445	4.533
Max	4.213	4.454	4.472	4.558	4.618	4.626
UL	6.800	6.800	6.800	6.800	6.800	6.800

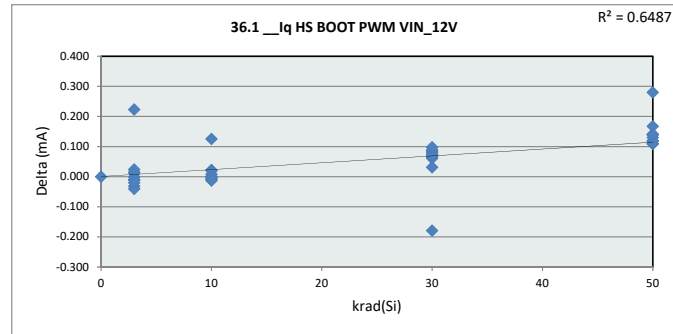


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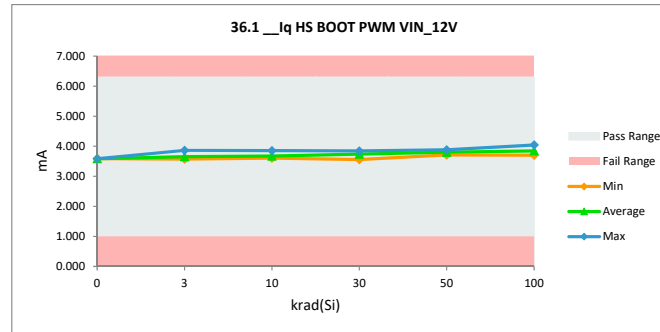
TPS7H6003-SP (5962R2220101VXC)

36.1 Iq HS BOOT PWM VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.3	6.3
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.585	3.585	0.000
3	58	3.571	3.583	0.012
3	59	3.661	3.649	-0.012
3	60	3.554	3.569	0.015
3	61	3.570	3.570	-0.001
3	62	3.580	3.571	-0.009
3	134	3.630	3.654	0.024
3	137	3.688	3.656	-0.032
3	138	3.681	3.641	-0.041
3	139	3.794	3.774	-0.020
3	236	3.638	3.862	0.223
10	63	3.674	3.696	0.022
10	64	3.677	3.677	0.000
10	65	3.609	3.617	0.008
10	66	3.588	3.608	0.020
10	150	3.713	3.707	-0.006
10	237	3.728	3.853	0.125
10	241	3.659	3.650	-0.009
10	242	3.637	3.635	-0.003
10	243	3.601	3.600	-0.001
10	244	3.670	3.657	-0.013
30	141	3.730	3.815	0.085
30	144	3.595	3.669	0.074
30	145	3.709	3.741	0.032
30	146	3.620	3.700	0.080
30	147	3.736	3.801	0.065
30	132	3.508	3.569	0.061
30	133	3.731	3.820	0.089
30	135	3.736	3.556	-0.179
30	245	3.761	3.833	0.072
30	246	3.745	3.843	0.098
50	67	3.693	3.802	0.109
50	68	3.601	3.881	0.280
50	69	3.674	3.793	0.119
50	71	3.570	3.711	0.141
50	72	3.745	3.864	0.119
50	172	3.709	3.819	0.110
50	173	3.619	3.758	0.140
50	174	3.740	3.870	0.130
50	183	3.621	3.788	0.167
50	186	3.593	3.732	0.139
100	95	3.688	3.882	0.194
100	102	3.522	3.699	0.177
100	104	3.576	3.810	0.234
100	105	3.614	3.827	0.213
100	106	3.572	3.761	0.189
100	178	3.787	4.044	0.257
100	179	3.635	3.887	0.253
100	180	3.608	3.800	0.192
100	181	3.627	3.867	0.240
100	182	3.638	3.891	0.253
Max		3.794	4.044	0.280
Average		3.651	3.738	0.087
Min		3.508	3.556	-0.179
Std Dev		0.069	0.114	0.100



36.1 Iq HS BOOT						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.3 mA					
Min Limit	1 mA					
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.585	3.569	3.600	3.557	3.711	3.699
Average	3.585	3.653	3.670	3.735	3.802	3.847
Max	3.585	3.862	3.853	3.843	3.881	4.044
UL	6.300	6.300	6.300	6.300	6.300	6.300

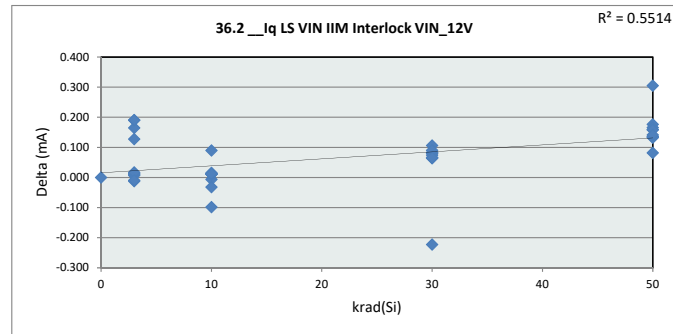


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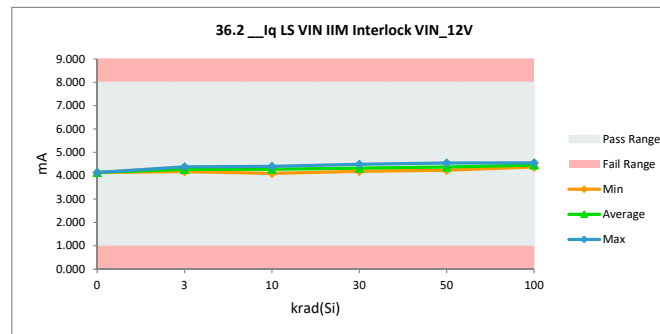
TPS7H6003-SP (5962R2220101VXC)

36.2 Iq LS VIN IIM Interlock VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.141	4.141	0.000
3	58	4.233	4.240	0.007
3	59	4.178	4.188	0.010
3	60	4.160	4.173	0.013
3	61	4.193	4.210	0.017
3	62	4.202	4.190	-0.012
3	134	4.121	4.311	0.190
3	137	4.147	4.312	0.165
3	138	4.171	4.299	0.128
3	139	4.391	4.382	-0.010
3	236	4.178	4.369	0.190
10	63	4.347	4.362	0.015
10	64	4.309	4.321	0.012
10	65	4.220	4.233	0.012
10	66	4.088	4.098	0.011
10	150	4.227	4.220	-0.007
10	237	4.273	4.363	0.089
10	241	4.406	4.308	-0.098
10	242	4.210	4.221	0.011
10	243	4.206	4.218	0.012
10	244	4.433	4.401	-0.032
30	141	4.236	4.317	0.082
30	144	4.157	4.241	0.084
30	145	4.332	4.413	0.081
30	146	4.279	4.345	0.066
30	147	4.347	4.410	0.064
30	132	4.156	4.230	0.074
30	133	4.381	4.488	0.106
30	135	4.411	4.189	-0.223
30	245	4.183	4.273	0.090
30	246	4.291	4.357	0.066
50	67	4.307	4.443	0.136
50	68	4.094	4.399	0.305
50	69	4.277	4.411	0.134
50	71	4.208	4.384	0.176
50	72	4.197	4.356	0.159
50	172	4.379	4.545	0.166
50	173	4.181	4.263	0.082
50	174	4.076	4.234	0.158
50	183	4.155	4.287	0.132
50	186	4.261	4.403	0.141
100	95	4.265	4.543	0.279
100	102	4.199	4.436	0.237
100	104	4.206	4.494	0.288
100	105	4.193	4.442	0.249
100	106	4.268	4.439	0.172
100	178	4.301	4.553	0.252
100	179	4.236	4.429	0.193
100	180	4.218	4.454	0.236
100	181	4.093	4.374	0.281
100	182	4.159	4.440	0.281
Max		4.433	4.553	0.305
Average		4.233	4.336	0.103
Min		4.076	4.098	-0.223
Std Dev		0.089	0.110	0.110



36.2 Iq LS VIN IIM Interlock VIN_12V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	8	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.141	4.173	4.099	4.189	4.234	4.374
Average	4.141	4.267	4.275	4.326	4.372	4.460
Max	4.141	4.382	4.401	4.488	4.545	4.553
UL	8.000	8.000	8.000	8.000	8.000	8.000



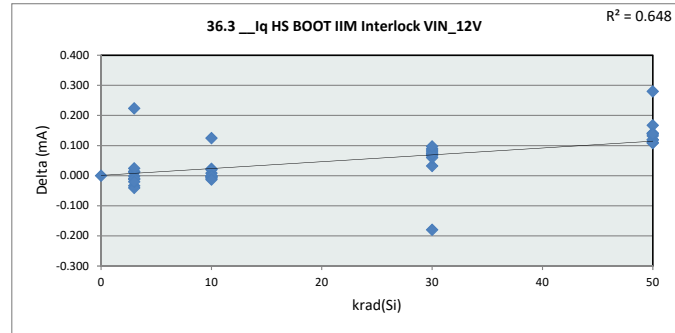
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36.3 Iq HS BOOT IIM Interlock

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.3	6.3
Min Limit	1	1

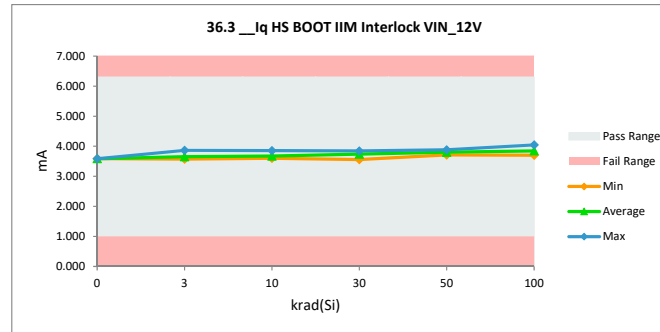
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.585	3.585	0.000
3	58	3.572	3.583	0.012
3	59	3.661	3.648	-0.012
3	60	3.554	3.569	0.014
3	61	3.570	3.569	-0.001
3	62	3.580	3.571	-0.009
3	134	3.629	3.654	0.025
3	137	3.689	3.655	-0.033
3	138	3.681	3.641	-0.040
3	139	3.794	3.773	-0.020
3	236	3.638	3.862	0.224
10	63	3.674	3.696	0.023
10	64	3.677	3.677	0.000
10	65	3.609	3.617	0.008
10	66	3.589	3.609	0.020
10	150	3.712	3.707	-0.005
10	237	3.728	3.853	0.125
10	241	3.658	3.650	-0.008
10	242	3.637	3.634	-0.003
10	243	3.601	3.600	-0.001
10	244	3.670	3.657	-0.013
30	141	3.730	3.815	0.085
30	144	3.594	3.669	0.074
30	145	3.709	3.742	0.033
30	146	3.620	3.700	0.079
30	147	3.736	3.802	0.066
30	132	3.508	3.568	0.060
30	133	3.731	3.820	0.089
30	135	3.736	3.556	-0.180
30	245	3.761	3.832	0.071
30	246	3.745	3.842	0.097
50	67	3.693	3.802	0.109
50	68	3.601	3.881	0.280
50	69	3.674	3.793	0.120
50	71	3.570	3.711	0.141
50	72	3.745	3.864	0.119
50	172	3.709	3.819	0.110
50	173	3.618	3.758	0.139
50	174	3.739	3.871	0.132
50	183	3.621	3.788	0.167
50	186	3.593	3.731	0.138
100	95	3.688	3.881	0.194
100	102	3.522	3.697	0.176
100	104	3.576	3.810	0.234
100	105	3.613	3.826	0.213
100	106	3.572	3.763	0.191
100	178	3.788	4.044	0.257
100	179	3.635	3.887	0.253
100	180	3.607	3.799	0.192
100	181	3.626	3.866	0.240
100	182	3.638	3.890	0.251
Max		3.794	4.044	0.280
Average		3.651	3.738	0.087
Min		3.508	3.556	-0.180
Std Dev		0.069	0.114	0.100



36.3 Iq HS BOOT

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	6.3 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.585	3.569	3.600	3.556	3.711	3.698
Average	3.585	3.653	3.670	3.734	3.802	3.846
Max	3.585	3.862	3.853	3.842	3.881	4.045
UL	6.300	6.300	6.300	6.300	6.300	6.300

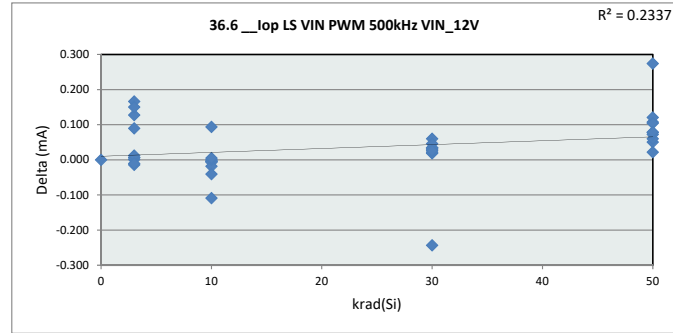


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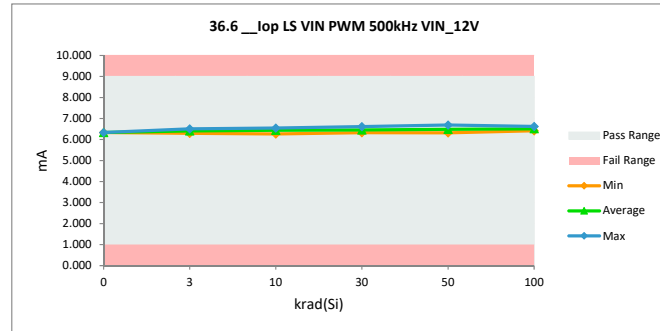
36.6 __Iop LS VIN PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	9	9
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	6.334	6.334	0.000
3	58	6.402	6.403	0.001
3	59	6.287	6.293	0.006
3	60	6.293	6.299	0.006
3	61	6.339	6.351	0.012
3	62	6.391	6.377	-0.014
3	134	6.278	6.444	0.166
3	137	6.318	6.445	0.127
3	138	6.344	6.433	0.090
3	139	6.492	6.481	-0.011
3	236	6.357	6.508	0.150
10	63	6.516	6.514	-0.003
10	64	6.552	6.548	-0.005
10	65	6.468	6.463	-0.005
10	66	6.269	6.262	-0.006
10	150	6.365	6.347	-0.018
10	237	6.409	6.503	0.094
10	241	6.549	6.440	-0.109
10	242	6.361	6.361	0.000
10	243	6.430	6.435	0.005
10	244	6.549	6.508	-0.041
30	141	6.423	6.457	0.034
30	144	6.392	6.425	0.033
30	145	6.471	6.505	0.034
30	146	6.410	6.428	0.019
30	147	6.484	6.505	0.021
30	132	6.367	6.396	0.028
30	133	6.550	6.610	0.060
30	135	6.565	6.322	-0.243
30	245	6.379	6.425	0.046
30	246	6.406	6.432	0.026
50	67	6.517	6.567	0.050
50	68	6.287	6.561	0.274
50	69	6.431	6.491	0.060
50	71	6.310	6.418	0.108
50	72	6.386	6.458	0.072
50	172	6.568	6.688	0.120
50	173	6.378	6.400	0.022
50	174	6.212	6.317	0.104
50	183	6.269	6.347	0.078
50	186	6.474	6.552	0.079
100	95	6.473	6.603	0.130
100	102	6.341	6.451	0.110
100	104	6.336	6.492	0.156
100	105	6.400	6.518	0.118
100	106	6.446	6.464	0.018
100	178	6.479	6.621	0.141
100	179	6.419	6.498	0.079
100	180	6.428	6.527	0.099
100	181	6.252	6.418	0.166
100	182	6.372	6.536	0.164
Max		6.568	6.688	0.274
Average		6.403	6.455	0.052
Min		6.212	6.262	-0.243
Std Dev		0.090	0.091	0.081



36.6 __Iop LS VIN P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	9	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.334	6.293	6.263	6.322	6.317	6.418
Average	6.334	6.403	6.438	6.450	6.480	6.513
Max	6.334	6.508	6.548	6.610	6.688	6.621
UL	9.000	9.000	9.000	9.000	9.000	9.000

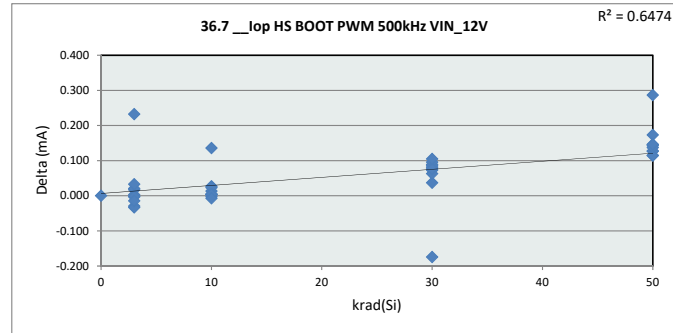


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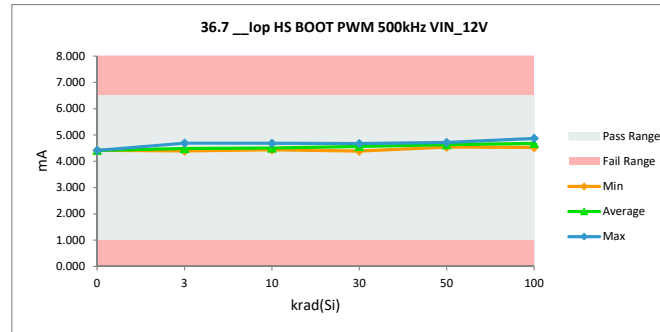
TPS7H6003-SP (5962R2220101VXC)

36.7 __Iop HS BOOT PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.5	6.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	4.414	4.414	0.000
3	58	4.399	4.416	0.017
3	59	4.484	4.481	-0.003
3	60	4.374	4.394	0.021
3	61	4.396	4.399	0.003
3	62	4.404	4.402	-0.002
3	134	4.453	4.486	0.033
3	137	4.516	4.487	-0.030
3	138	4.507	4.474	-0.033
3	139	4.618	4.604	-0.014
3	236	4.459	4.692	0.233
10	63	4.497	4.524	0.027
10	64	4.504	4.509	0.005
10	65	4.437	4.451	0.013
10	66	4.411	4.434	0.024
10	150	4.541	4.539	-0.002
10	237	4.547	4.683	0.136
10	241	4.479	4.483	0.004
10	242	4.461	4.464	0.003
10	243	4.427	4.432	0.004
10	244	4.492	4.484	-0.007
30	141	4.557	4.646	0.089
30	144	4.415	4.497	0.081
30	145	4.540	4.577	0.037
30	146	4.442	4.527	0.085
30	147	4.557	4.630	0.073
30	132	4.335	4.398	0.063
30	133	4.553	4.649	0.096
30	135	4.559	4.385	-0.174
30	245	4.589	4.665	0.076
30	246	4.564	4.669	0.105
50	67	4.518	4.634	0.115
50	68	4.425	4.712	0.286
50	69	4.496	4.623	0.127
50	71	4.394	4.540	0.145
50	72	4.562	4.689	0.128
50	172	4.532	4.647	0.115
50	173	4.438	4.580	0.142
50	174	4.567	4.704	0.137
50	183	4.442	4.615	0.173
50	186	4.419	4.565	0.146
100	95	4.514	4.711	0.197
100	102	4.341	4.527	0.186
100	104	4.399	4.645	0.245
100	105	4.436	4.658	0.223
100	106	4.395	4.585	0.190
100	178	4.608	4.871	0.263
100	179	4.459	4.721	0.262
100	180	4.431	4.634	0.203
100	181	4.454	4.700	0.246
100	182	4.463	4.726	0.263
Max		4.618	4.871	0.286
Average		4.475	4.568	0.093
Min		4.335	4.385	-0.174
Std Dev		0.069	0.114	0.100



36.7 __Iop HS BOOT PWM 500kHz						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.5	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.414	4.394	4.432	4.385	4.540	4.527
Average	4.414	4.484	4.500	4.564	4.631	4.678
Max	4.414	4.692	4.683	4.669	4.712	4.871
UL	6.500	6.500	6.500	6.500	6.500	6.500

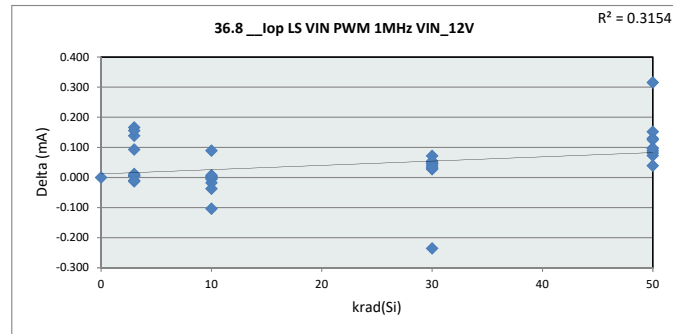


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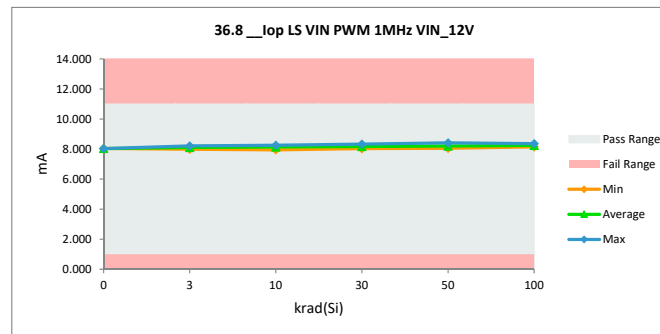
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36.8 __Iop LS VIN PWM 1MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	11	11
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	8.033	8.033	0.000
3	58	8.099	8.103	0.004
3	59	7.973	7.979	0.006
3	60	7.971	7.979	0.008
3	61	8.035	8.047	0.012
3	62	8.088	8.075	-0.013
3	134	7.977	8.143	0.166
3	137	8.005	8.144	0.139
3	138	8.039	8.132	0.093
3	139	8.190	8.179	-0.010
3	236	8.046	8.202	0.156
10	63	8.215	8.217	0.002
10	64	8.250	8.250	-0.001
10	65	8.165	8.164	-0.002
10	66	7.955	7.950	-0.005
10	150	8.066	8.048	-0.018
10	237	8.106	8.196	0.089
10	241	8.244	8.140	-0.104
10	242	8.041	8.044	0.003
10	243	8.120	8.127	0.007
10	244	8.241	8.204	-0.037
30	141	8.122	8.169	0.047
30	144	8.095	8.141	0.046
30	145	8.180	8.228	0.048
30	146	8.097	8.125	0.028
30	147	8.186	8.217	0.030
30	132	8.067	8.107	0.040
30	133	8.251	8.322	0.071
30	135	8.258	8.023	-0.235
30	245	8.080	8.134	0.054
30	246	8.107	8.141	0.034
50	67	8.206	8.279	0.073
50	68	7.977	8.292	0.316
50	69	8.133	8.214	0.081
50	71	8.006	8.135	0.130
50	72	8.070	8.159	0.089
50	172	8.261	8.413	0.152
50	173	8.073	8.113	0.039
50	174	7.922	8.047	0.125
50	183	7.972	8.069	0.097
50	186	8.173	8.269	0.096
100	95	8.171	8.331	0.160
100	102	8.029	8.174	0.145
100	104	8.021	8.205	0.183
100	105	8.095	8.265	0.170
100	106	8.141	8.176	0.035
100	178	8.177	8.355	0.178
100	179	8.115	8.221	0.106
100	180	8.135	8.247	0.113
100	181	7.949	8.144	0.195
100	182	8.066	8.268	0.201
Max		8.261	8.413	0.316
Average		8.098	8.164	0.066
Min		7.922	7.950	-0.235
Std Dev		0.091	0.099	0.089



36.8 __Iop LS VIN PWM 1MHz VIN_12V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	11	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	8.033	7.979	7.950	8.023	8.047	8.144
Average	8.033	8.098	8.134	8.161	8.199	8.239
Max	8.033	8.202	8.250	8.322	8.413	8.355
UL	11.000	11.000	11.000	11.000	11.000	11.000

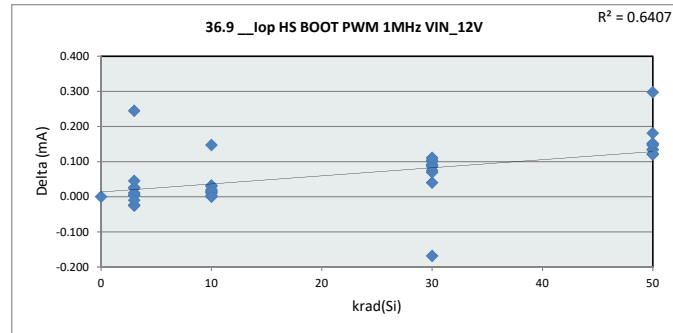


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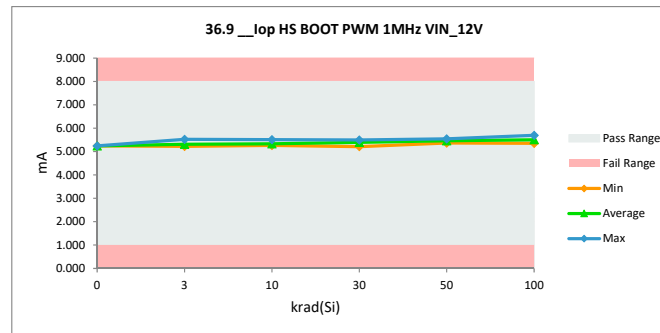
36.9 __Iop HS BOOT PWM 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.244	5.244	0.000
3	58	5.224	5.248	0.025
3	59	5.306	5.309	0.003
3	60	5.191	5.218	0.026
3	61	5.215	5.226	0.011
3	62	5.224	5.231	0.006
3	134	5.272	5.317	0.045
3	137	5.342	5.319	-0.023
3	138	5.330	5.305	-0.025
3	139	5.441	5.431	-0.010
3	236	5.277	5.522	0.245
10	63	5.317	5.349	0.032
10	64	5.328	5.339	0.011
10	65	5.260	5.280	0.020
10	66	5.229	5.259	0.030
10	150	5.367	5.370	0.003
10	237	5.364	5.511	0.147
10	241	5.297	5.313	0.017
10	242	5.282	5.294	0.012
10	243	5.248	5.263	0.015
10	244	5.309	5.309	0.000
30	141	5.380	5.480	0.100
30	144	5.234	5.323	0.089
30	145	5.367	5.408	0.040
30	146	5.260	5.351	0.091
30	147	5.376	5.451	0.075
30	132	5.158	5.228	0.070
30	133	5.374	5.478	0.104
30	135	5.379	5.211	-0.168
30	245	5.412	5.497	0.086
30	246	5.382	5.493	0.111
50	67	5.339	5.462	0.122
50	68	5.244	5.542	0.298
50	69	5.316	5.450	0.134
50	71	5.216	5.367	0.150
50	72	5.376	5.510	0.135
50	172	5.351	5.472	0.120
50	173	5.254	5.404	0.150
50	174	5.390	5.537	0.147
50	183	5.261	5.442	0.181
50	186	5.241	5.393	0.152
100	95	5.334	5.538	0.204
100	102	5.157	5.351	0.193
100	104	5.220	5.477	0.257
100	105	5.254	5.488	0.234
100	106	5.214	5.406	0.193
100	178	5.427	5.695	0.268
100	179	5.281	5.552	0.270
100	180	5.251	5.463	0.212
100	181	5.278	5.529	0.251
100	182	5.285	5.561	0.276
Max		5.441	5.695	0.298
Average		5.296	5.396	0.101
Min		5.157	5.211	-0.168
Std Dev		0.070	0.114	0.101



36.9 __Iop HS BOOT PWM 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	8	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.244	5.218	5.259	5.211	5.367	5.351
Average	5.244	5.313	5.329	5.392	5.458	5.506
Max	5.244	5.522	5.511	5.497	5.542	5.695
UL	8.000	8.000	8.000	8.000	8.000	8.000

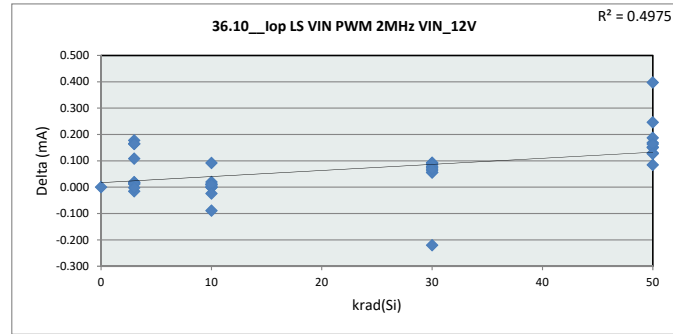


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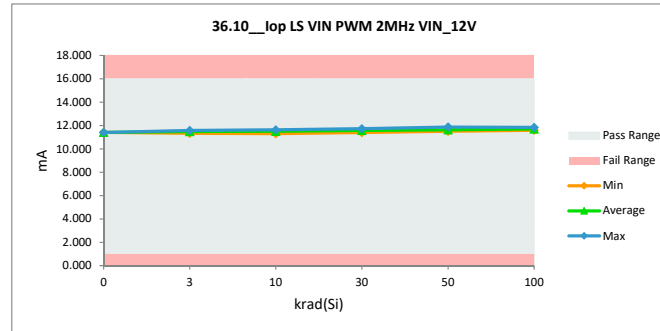
TPS7H6003-SP (5962R2220101VXC)

36.10 Iop LS VIN PWM 2MHz V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	16	16
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	11.408	11.408	0.000
3	58	11.468	11.481	0.013
3	59	11.334	11.352	0.018
3	60	11.313	11.332	0.019
3	61	11.411	11.423	0.012
3	62	11.472	11.456	-0.016
3	134	11.351	11.528	0.178
3	137	11.365	11.530	0.165
3	138	11.409	11.517	0.108
3	139	11.565	11.563	-0.002
3	236	11.408	11.573	0.164
10	63	11.594	11.603	0.009
10	64	11.628	11.629	0.000
10	65	11.546	11.566	0.020
10	66	11.305	11.306	0.001
10	150	11.449	11.448	-0.001
10	237	11.476	11.568	0.092
10	241	11.615	11.526	-0.089
10	242	11.377	11.390	0.013
10	243	11.487	11.496	0.010
10	244	11.602	11.578	-0.024
30	141	11.503	11.595	0.093
30	144	11.480	11.557	0.078
30	145	11.586	11.650	0.064
30	146	11.448	11.504	0.056
30	147	11.570	11.645	0.075
30	132	11.450	11.506	0.056
30	133	11.634	11.726	0.092
30	135	11.620	11.399	-0.220
30	245	11.455	11.541	0.086
30	246	11.501	11.570	0.069
50	67	11.565	11.694	0.130
50	68	11.334	11.731	0.397
50	69	11.509	11.660	0.150
50	71	11.382	11.550	0.169
50	72	11.417	11.568	0.152
50	172	11.624	11.870	0.246
50	173	11.440	11.525	0.085
50	174	11.318	11.505	0.187
50	183	11.354	11.518	0.163
50	186	11.555	11.682	0.127
100	95	11.543	11.792	0.249
100	102	11.383	11.630	0.247
100	104	11.368	11.645	0.277
100	105	11.470	11.757	0.288
100	106	11.507	11.596	0.089
100	178	11.552	11.832	0.280
100	179	11.487	11.682	0.195
100	180	11.521	11.696	0.175
100	181	11.319	11.610	0.291
100	182	11.433	11.734	0.301
Max		11.634	11.870	0.397
Average		11.469	11.573	0.105
Min		11.305	11.306	-0.220
Std Dev		0.095	0.124	0.115



36.10 Iop LS VIN PWM 2MHz V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	16	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	11.408	11.332	11.306	11.399	11.506	11.596
Average	11.408	11.476	11.511	11.569	11.630	11.698
Max	11.408	11.573	11.629	11.726	11.870	11.832
UL	16.000	16.000	16.000	16.000	16.000	16.000

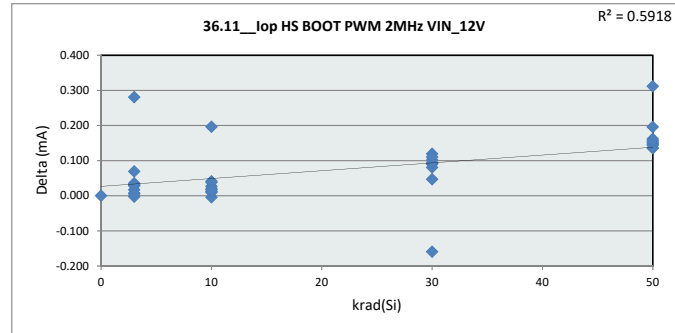


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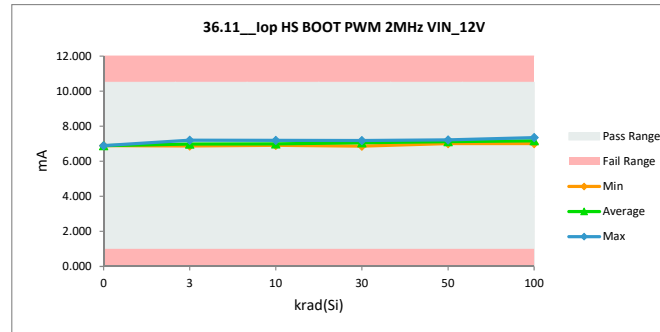
36.11 Iop HS BOOT PWM 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	10.5	10.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	6.890	6.890	0.000
3	58	6.889	6.925	0.036
3	59	6.959	6.976	0.017
3	60	6.843	6.872	0.028
3	61	6.861	6.892	0.031
3	62	6.868	6.898	0.030
3	134	6.924	6.994	0.069
3	137	6.997	6.994	-0.003
3	138	6.973	6.980	0.008
3	139	7.100	7.105	0.006
3	236	6.920	7.201	0.281
10	63	6.971	6.998	0.027
10	64	6.988	7.005	0.017
10	65	6.926	6.938	0.011
10	66	6.865	6.907	0.041
10	150	7.032	7.028	-0.004
10	237	6.994	7.191	0.197
10	241	6.950	6.989	0.038
10	242	6.940	6.950	0.010
10	243	6.908	6.929	0.020
10	244	6.964	6.977	0.013
30	141	7.047	7.148	0.102
30	144	6.886	6.979	0.093
30	145	7.029	7.076	0.047
30	146	6.912	7.006	0.093
30	147	7.031	7.121	0.090
30	132	6.823	6.904	0.081
30	133	7.031	7.150	0.119
30	135	7.023	6.864	-0.159
30	245	7.083	7.177	0.094
30	246	7.034	7.144	0.111
50	67	6.982	7.118	0.136
50	68	6.904	7.216	0.312
50	69	6.968	7.112	0.144
50	71	6.858	7.008	0.150
50	72	7.018	7.165	0.147
50	172	6.992	7.128	0.136
50	173	6.905	7.067	0.162
50	174	7.051	7.204	0.153
50	183	6.915	7.110	0.196
50	186	6.887	7.044	0.158
100	95	6.994	7.204	0.210
100	102	6.804	7.006	0.202
100	104	6.877	7.150	0.272
100	105	6.909	7.147	0.238
100	106	6.869	7.051	0.182
100	178	7.076	7.350	0.273
100	179	6.945	7.227	0.282
100	180	6.911	7.136	0.226
100	181	6.947	7.199	0.252
100	182	6.944	7.233	0.290
Max		7.100	7.350	0.312
Average		6.949	7.060	0.111
Min		6.804	6.864	-0.159
Std Dev		0.071	0.116	0.102



36.11 Iop HS BOOT PWM 2MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	10.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.890	6.872	6.907	6.864	7.008	7.006
Average	6.890	6.984	6.991	7.057	7.117	7.170
Max	6.890	7.201	7.191	7.177	7.216	7.350
UL	10.500	10.500	10.500	10.500	10.500	10.500

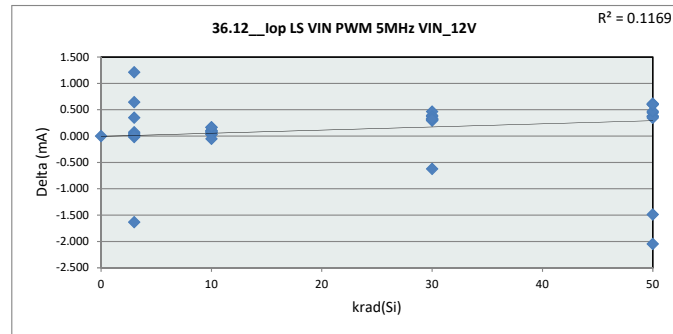


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36.12_top LS VIN PWM 5MHz V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	30
Min Limit	1	1

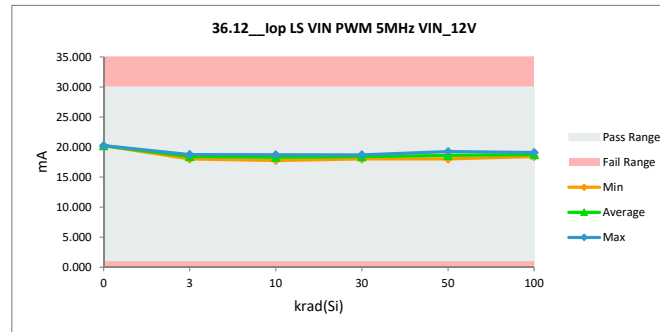
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.233	20.233	0.000
3	58	18.018	18.024	0.006
3	59	18.184	18.256	0.072
3	60	17.999	18.042	0.043
3	61	18.181	18.196	0.015
3	62	18.061	18.044	-0.017
3	134	17.489	18.700	1.211
3	137	18.348	18.699	0.350
3	138	18.048	18.693	0.645
3	139	18.736	18.751	0.015
3	236	20.230	18.597	-1.633
10	63	18.458	18.487	0.029
10	64	17.851	18.015	0.164
10	65	18.464	18.496	0.032
10	66	17.898	18.007	0.108
10	150	18.058	18.132	0.074
10	237	18.533	18.597	0.063
10	241	18.604	18.701	0.097
10	242	17.671	17.763	0.092
10	243	18.132	18.299	0.167
10	244	18.555	18.504	-0.051
30	141	18.174	18.485	0.312
30	144	17.926	18.319	0.393
30	145	18.260	18.579	0.318
30	146	17.963	18.297	0.333
30	147	18.285	18.588	0.303
30	132	17.546	18.012	0.466
30	133	18.321	18.696	0.375
30	135	18.751	18.130	-0.621
30	245	18.183	18.479	0.296
30	246	17.827	18.153	0.326
50	67	18.323	18.694	0.371
50	68	20.323	18.836	-1.487
50	69	17.773	18.376	0.603
50	71	17.878	18.493	0.615
50	72	18.325	18.770	0.445
50	172	18.867	19.247	0.381
50	173	18.141	18.487	0.346
50	174	20.058	18.012	-2.046
50	183	17.887	18.359	0.472
50	186	18.015	18.613	0.598
100	95	18.257	18.674	0.417
100	102	17.840	18.735	0.894
100	104	18.090	18.816	0.726
100	105	18.011	18.908	0.896
100	106	17.807	18.534	0.727
100	178	18.139	19.072	0.933
100	179	17.664	18.574	0.910
100	180	18.909	18.414	-0.495
100	181	17.863	18.705	0.841
100	182	17.791	18.885	1.094
Max		20.323	20.233	1.211
Average		18.293	18.513	0.220
Min		17.489	17.763	-2.046
Std Dev		0.650	0.395	0.613



36.12_top LS VIN PWM 5MHz_VIN_12V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	30 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	20.233	18.024	17.763	18.012	18.012	18.415
Average	20.233	18.400	18.300	18.374	18.589	18.732
Max	20.233	18.751	18.701	18.696	19.248	19.072
UL	30.000	30.000	30.000	30.000	30.000	30.000

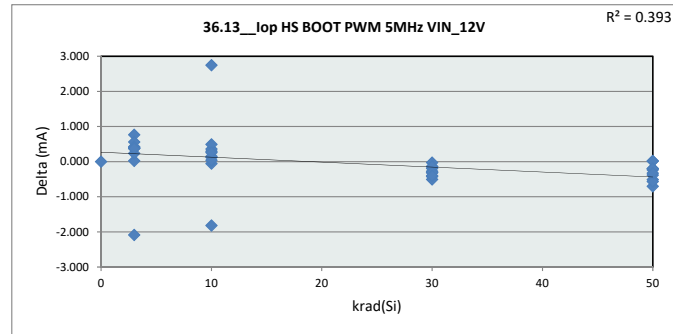


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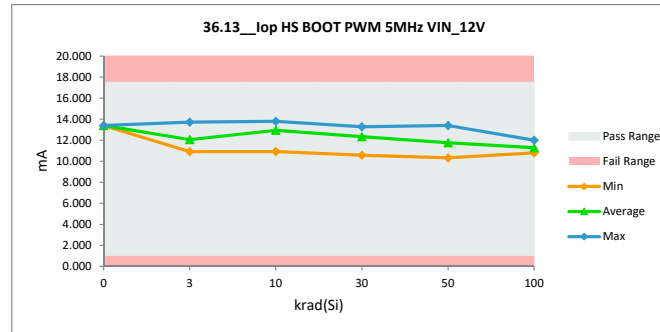
36.13 Iop HS BOOT PWM 5MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	17.5	17.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	13.399	13.399	0.000
3	58	12.713	13.116	0.403
3	59	11.273	12.035	0.762
3	60	12.049	12.608	0.559
3	61	10.892	10.913	0.022
3	62	10.856	11.093	0.238
3	134	13.571	11.486	-2.085
3	137	11.048	11.425	0.377
3	138	11.000	11.423	0.424
3	139	12.410	12.795	0.385
3	236	13.346	13.719	0.374
10	63	13.479	13.772	0.293
10	64	13.673	13.796	0.123
10	65	13.602	13.546	-0.056
10	66	10.768	10.916	0.148
10	150	13.743	13.784	0.041
10	237	10.994	13.741	2.747
10	241	13.235	11.419	-1.816
10	242	13.243	13.604	0.361
10	243	11.689	12.182	0.493
10	244	12.394	12.653	0.259
30	141	13.195	13.002	-0.193
30	144	12.421	12.392	-0.029
30	145	11.469	11.156	-0.313
30	146	12.498	12.357	-0.141
30	147	13.036	12.762	-0.274
30	132	12.590	12.451	-0.138
30	133	12.911	12.602	-0.308
30	135	10.990	10.566	-0.425
30	245	13.191	12.683	-0.508
30	246	13.685	13.282	-0.404
50	67	11.013	11.032	0.019
50	68	12.446	12.213	-0.233
50	69	13.291	12.590	-0.701
50	71	10.840	10.327	-0.512
50	72	12.111	11.910	-0.202
50	172	10.979	10.997	0.018
50	173	12.315	12.117	-0.198
50	174	13.774	13.392	-0.382
50	183	13.056	12.489	-0.567
50	186	10.834	10.506	-0.328
100	95	13.461	11.596	-1.866
100	102	11.995	11.006	-0.989
100	104	12.489	11.398	-1.091
100	105	12.045	10.791	-1.254
100	106	12.221	10.883	-1.338
100	178	12.198	11.416	-0.782
100	179	12.388	11.340	-1.048
100	180	13.326	12.001	-1.325
100	181	12.737	11.264	-1.473
100	182	11.843	11.177	-0.666
Max		13.774	13.796	2.747
Average		12.367	12.100	-0.267
Min		10.768	10.327	-2.085
Std Dev		0.970	1.022	0.792



36.13 Iop HS BOOT PWM 5MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	17.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	13.399	10.913	10.916	10.566	10.327	10.791
Average	13.399	12.061	12.941	12.325	11.757	11.287
Max	13.399	13.719	13.796	13.282	13.392	12.001
UL	17.500	17.500	17.500	17.500	17.500	17.500

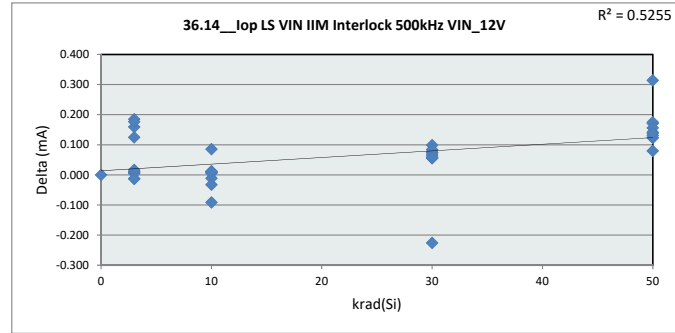


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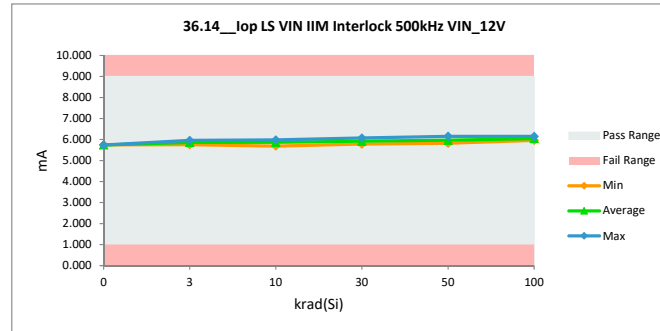
36.14 Top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	9	9
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.743	5.743	0.000
3	58	5.829	5.834	0.005
3	59	5.759	5.768	0.009
3	60	5.738	5.749	0.011
3	61	5.782	5.798	0.016
3	62	5.810	5.797	-0.013
3	134	5.719	5.903	0.185
3	137	5.745	5.905	0.159
3	138	5.768	5.893	0.125
3	139	5.971	5.958	-0.013
3	236	5.777	5.953	0.176
10	63	5.939	5.951	0.012
10	64	5.928	5.936	0.008
10	65	5.841	5.849	0.008
10	66	5.684	5.690	0.006
10	150	5.815	5.803	-0.011
10	237	5.861	5.947	0.086
10	241	5.992	5.900	-0.092
10	242	5.793	5.804	0.010
10	243	5.816	5.827	0.011
10	244	6.010	5.977	-0.033
30	141	5.844	5.917	0.073
30	144	5.783	5.858	0.075
30	145	5.927	6.002	0.075
30	146	5.862	5.919	0.057
30	147	5.937	5.992	0.055
30	132	5.771	5.837	0.066
30	133	5.976	6.075	0.099
30	135	6.005	5.779	-0.226
30	245	5.788	5.872	0.084
30	246	5.872	5.931	0.059
50	67	5.913	6.036	0.123
50	68	5.696	6.010	0.314
50	69	5.873	5.996	0.123
50	71	5.788	5.959	0.171
50	72	5.804	5.945	0.142
50	172	5.978	6.152	0.174
50	173	5.786	5.866	0.080
50	174	5.666	5.822	0.156
50	183	5.742	5.873	0.131
50	186	5.873	6.011	0.138
100	95	5.877	6.133	0.256
100	102	5.786	6.007	0.221
100	104	5.787	6.052	0.264
100	105	5.802	6.042	0.240
100	106	5.868	6.009	0.141
100	178	5.902	6.149	0.247
100	179	5.841	6.024	0.184
100	180	5.830	6.044	0.214
100	181	5.686	5.963	0.277
100	182	5.770	6.044	0.274
Max		6.010	6.152	0.314
Average		5.830	5.928	0.097
Min		5.666	5.690	-0.226
Std Dev		0.088	0.108	0.107



36.14 Top LS VIN I		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	9	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.743	5.749	5.690	5.779	5.822	5.963
Average	5.743	5.856	5.868	5.918	5.967	6.047
Max	5.743	5.958	5.978	6.075	6.152	6.149
UL	9.000	9.000	9.000	9.000	9.000	9.000

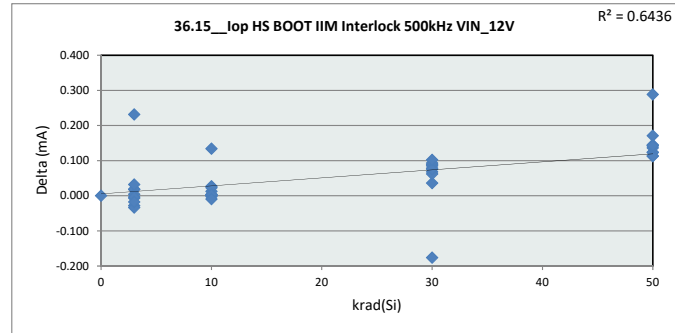


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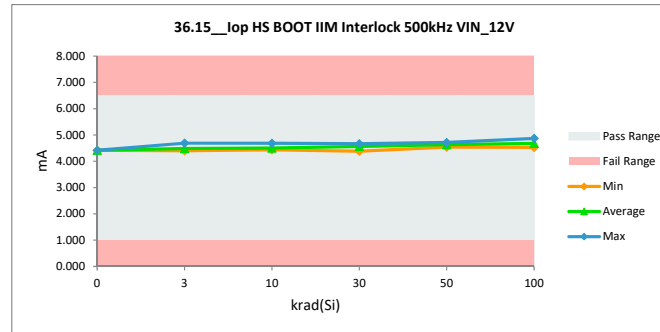
36.15 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.5	6.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.418	4.418	0.000
3	58	4.401	4.419	0.018
3	59	4.486	4.479	-0.007
3	60	4.378	4.397	0.019
3	61	4.397	4.401	0.004
3	62	4.407	4.403	-0.004
3	134	4.454	4.486	0.032
3	137	4.516	4.487	-0.028
3	138	4.508	4.474	-0.034
3	139	4.620	4.602	-0.017
3	236	4.461	4.692	0.231
10	63	4.498	4.525	0.027
10	64	4.506	4.509	0.003
10	65	4.436	4.449	0.013
10	66	4.414	4.437	0.023
10	150	4.541	4.538	-0.002
10	237	4.549	4.683	0.134
10	241	4.481	4.483	0.002
10	242	4.464	4.465	0.002
10	243	4.429	4.432	0.004
10	244	4.492	4.483	-0.010
30	141	4.558	4.647	0.088
30	144	4.417	4.496	0.079
30	145	4.541	4.577	0.036
30	146	4.443	4.528	0.085
30	147	4.558	4.626	0.068
30	132	4.337	4.399	0.062
30	133	4.556	4.649	0.093
30	135	4.560	4.384	-0.176
30	245	4.588	4.664	0.076
30	246	4.564	4.666	0.102
50	67	4.517	4.630	0.113
50	68	4.425	4.714	0.288
50	69	4.497	4.622	0.124
50	71	4.395	4.538	0.143
50	72	4.565	4.688	0.123
50	172	4.533	4.646	0.114
50	173	4.442	4.586	0.145
50	174	4.567	4.703	0.137
50	183	4.444	4.616	0.171
50	186	4.420	4.562	0.142
100	95	4.514	4.711	0.197
100	102	4.342	4.524	0.182
100	104	4.404	4.643	0.239
100	105	4.440	4.660	0.220
100	106	4.397	4.587	0.191
100	178	4.610	4.871	0.261
100	179	4.463	4.721	0.259
100	180	4.431	4.631	0.200
100	181	4.453	4.698	0.244
100	182	4.467	4.728	0.261
Max		4.620	4.871	0.288
Average		4.477	4.568	0.092
Min		4.337	4.384	-0.176
Std Dev		0.069	0.113	0.100



36.15 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	6.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.418	4.397	4.433	4.384	4.538	4.524
Average	4.418	4.484	4.500	4.564	4.630	4.678
Max	4.418	4.692	4.683	4.666	4.714	4.871
UL	6.500	6.500	6.500	6.500	6.500	6.500

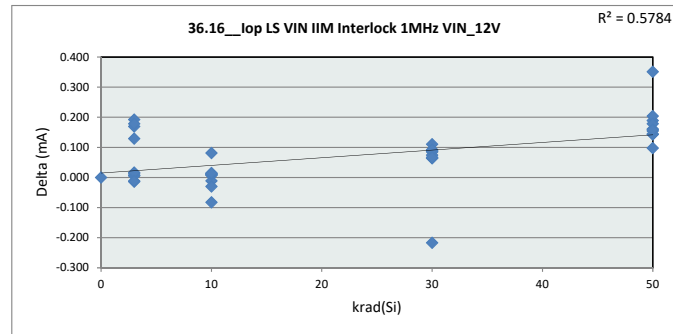


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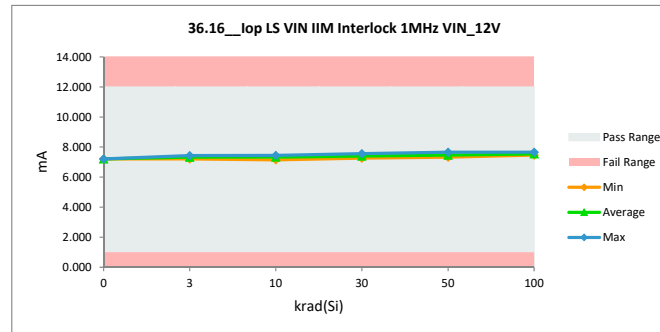
36.16_top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	12	12
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	7.209	7.209	0.000
3	58	7.298	7.303	0.006
3	59	7.224	7.231	0.006
3	60	7.189	7.201	0.012
3	61	7.253	7.269	0.016
3	62	7.281	7.267	-0.014
3	134	7.187	7.379	0.192
3	137	7.210	7.380	0.170
3	138	7.238	7.368	0.129
3	139	7.443	7.431	-0.011
3	236	7.238	7.417	0.179
10	63	7.408	7.423	0.015
10	64	7.398	7.406	0.008
10	65	7.310	7.320	0.011
10	66	7.143	7.152	0.008
10	150	7.290	7.279	-0.011
10	237	7.331	7.412	0.081
10	241	7.458	7.376	-0.082
10	242	7.247	7.259	0.012
10	243	7.276	7.289	0.013
10	244	7.473	7.444	-0.030
30	141	7.317	7.401	0.085
30	144	7.256	7.346	0.090
30	145	7.409	7.496	0.087
30	146	7.322	7.386	0.064
30	147	7.412	7.476	0.065
30	132	7.242	7.316	0.074
30	133	7.445	7.555	0.111
30	135	7.474	7.257	-0.217
30	245	7.259	7.351	0.092
30	246	7.347	7.414	0.067
50	67	7.376	7.519	0.143
50	68	7.156	7.507	0.351
50	69	7.345	7.489	0.144
50	71	7.259	7.448	0.189
50	72	7.262	7.424	0.161
50	172	7.449	7.653	0.204
50	173	7.248	7.346	0.098
50	174	7.142	7.320	0.179
50	183	7.213	7.367	0.155
50	186	7.344	7.502	0.158
100	95	7.346	7.636	0.290
100	102	7.246	7.503	0.257
100	104	7.246	7.543	0.297
100	105	7.264	7.553	0.288
100	106	7.333	7.494	0.161
100	178	7.371	7.654	0.283
100	179	7.311	7.526	0.215
100	180	7.306	7.540	0.234
100	181	7.153	7.462	0.309
100	182	7.233	7.545	0.312
Max		7.474	7.654	0.351
Average		7.298	7.409	0.111
Min		7.142	7.152	-0.217
Std Dev		0.090	0.119	0.118



36.16_top LS VIN I		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	12	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	7.209	7.201	7.152	7.257	7.320	7.462
Average	7.209	7.325	7.336	7.400	7.458	7.546
Max	7.209	7.432	7.444	7.555	7.653	7.654
UL	12.000	12.000	12.000	12.000	12.000	12.000

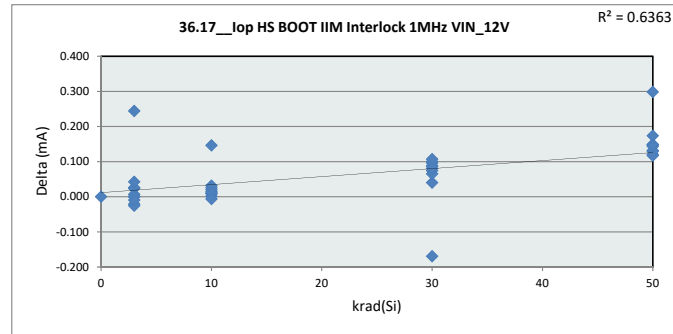


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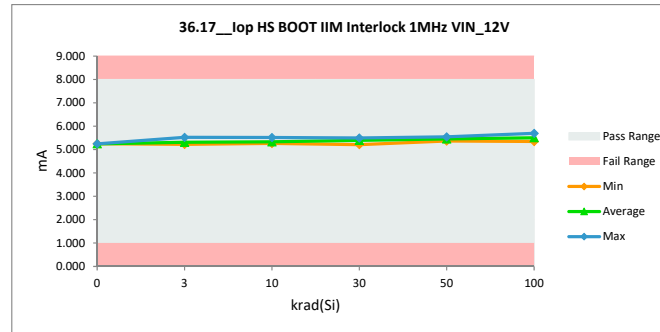
36.17 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.247	5.247	0.000
3	58	5.227	5.251	0.024
3	59	5.308	5.307	-0.001
3	60	5.195	5.221	0.026
3	61	5.220	5.227	0.007
3	62	5.230	5.231	0.001
3	134	5.275	5.318	0.042
3	137	5.341	5.320	-0.021
3	138	5.329	5.304	-0.025
3	139	5.440	5.431	-0.009
3	236	5.278	5.523	0.244
10	63	5.318	5.350	0.032
10	64	5.330	5.338	0.009
10	65	5.259	5.279	0.020
10	66	5.236	5.262	0.026
10	150	5.365	5.366	0.002
10	237	5.367	5.514	0.147
10	241	5.298	5.313	0.015
10	242	5.285	5.295	0.010
10	243	5.252	5.263	0.010
10	244	5.313	5.306	-0.006
30	141	5.381	5.477	0.096
30	144	5.236	5.322	0.086
30	145	5.369	5.409	0.040
30	146	5.262	5.350	0.088
30	147	5.376	5.450	0.074
30	132	5.162	5.227	0.065
30	133	5.375	5.476	0.100
30	135	5.380	5.211	-0.169
30	245	5.414	5.495	0.081
30	246	5.379	5.486	0.107
50	67	5.339	5.459	0.120
50	68	5.247	5.545	0.298
50	69	5.316	5.446	0.129
50	71	5.216	5.365	0.149
50	72	5.378	5.510	0.132
50	172	5.353	5.470	0.117
50	173	5.261	5.409	0.148
50	174	5.391	5.535	0.144
50	183	5.265	5.439	0.174
50	186	5.246	5.393	0.147
100	95	5.336	5.536	0.200
100	102	5.158	5.347	0.189
100	104	5.225	5.478	0.253
100	105	5.262	5.490	0.228
100	106	5.216	5.405	0.189
100	178	5.429	5.696	0.268
100	179	5.287	5.553	0.266
100	180	5.251	5.463	0.212
100	181	5.279	5.527	0.248
100	182	5.292	5.562	0.269
Max		5.440	5.696	0.298
Average		5.298	5.396	0.098
Min		5.158	5.211	-0.169
Std Dev		0.069	0.114	0.101



36.17 Iop HS BOOT IIM Interlock 1MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	8	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.247	5.221	5.262	5.211	5.365	5.347
Average	5.247	5.313	5.329	5.390	5.457	5.506
Max	5.247	5.523	5.514	5.495	5.545	5.696
UL	8.000	8.000	8.000	8.000	8.000	8.000

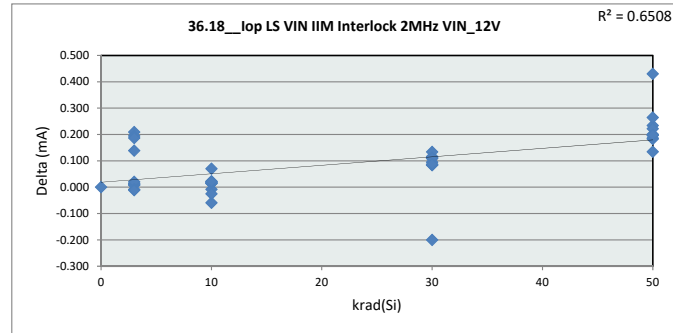


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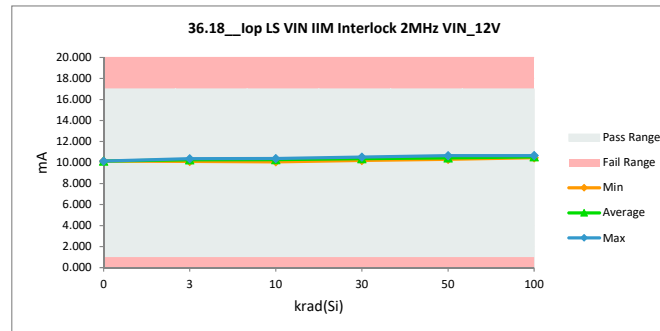
36.18_top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	17	17
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	10.136	10.136	0.000
3	58	10.226	10.237	0.010
3	59	10.146	10.154	0.008
3	60	10.084	10.099	0.014
3	61	10.185	10.205	0.020
3	62	10.212	10.203	-0.009
3	134	10.115	10.324	0.209
3	137	10.131	10.326	0.195
3	138	10.171	10.310	0.139
3	139	10.380	10.368	-0.011
3	236	10.152	10.339	0.187
10	63	10.339	10.362	0.022
10	64	10.329	10.343	0.014
10	65	10.241	10.258	0.017
10	66	10.055	10.069	0.014
10	150	10.235	10.226	-0.008
10	237	10.262	10.333	0.070
10	241	10.379	10.320	-0.059
10	242	10.145	10.164	0.019
10	243	10.189	10.211	0.022
10	244	10.395	10.370	-0.025
30	141	10.255	10.364	0.109
30	144	10.195	10.311	0.116
30	145	10.363	10.477	0.114
30	146	10.234	10.318	0.084
30	147	10.353	10.437	0.084
30	132	10.177	10.272	0.095
30	133	10.377	10.511	0.134
30	135	10.400	10.200	-0.200
30	245	10.194	10.305	0.111
30	246	10.285	10.373	0.087
50	67	10.297	10.480	0.183
50	68	10.067	10.498	0.431
50	69	10.283	10.469	0.186
50	71	10.193	10.427	0.234
50	72	10.172	10.372	0.200
50	172	10.385	10.649	0.264
50	173	10.167	10.302	0.135
50	174	10.088	10.310	0.222
50	183	10.153	10.349	0.196
50	186	10.276	10.475	0.198
100	95	10.277	10.638	0.361
100	102	10.156	10.487	0.332
100	104	10.156	10.518	0.362
100	105	10.182	10.573	0.391
100	106	10.255	10.458	0.203
100	178	10.304	10.664	0.361
100	179	10.242	10.522	0.279
100	180	10.251	10.529	0.278
100	181	10.077	10.458	0.381
100	182	10.153	10.537	0.384
Max		10.400	10.664	0.431
Average		10.225	10.365	0.140
Min		10.055	10.069	-0.200
Std Dev		0.094	0.142	0.141



36.18_top LS VIN I		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	17	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	10.136	10.099	10.069	10.201	10.302	10.458
Average	10.136	10.256	10.266	10.357	10.433	10.538
Max	10.136	10.369	10.370	10.511	10.649	10.664
UL	17.000	17.000	17.000	17.000	17.000	17.000

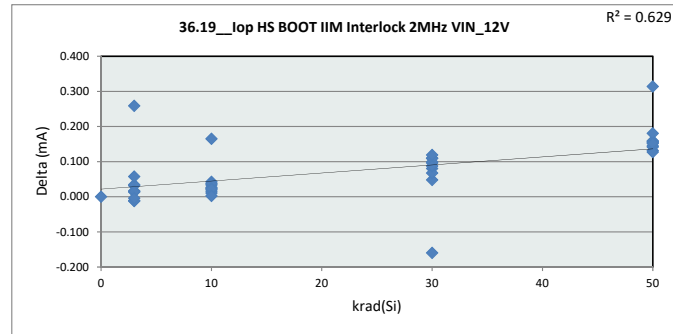


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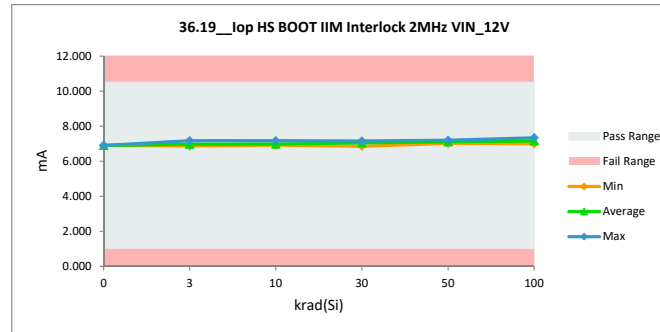
36.19 Top HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	10.5	10.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	6.905	6.905	0.000
3	58	6.878	6.910	0.032
3	59	6.951	6.965	0.013
3	60	6.833	6.867	0.034
3	61	6.865	6.882	0.016
3	62	6.876	6.891	0.015
3	134	6.918	6.976	0.057
3	137	6.990	6.977	-0.012
3	138	6.974	6.963	-0.011
3	139	7.084	7.080	-0.004
3	236	6.916	7.175	0.259
10	63	6.958	7.000	0.042
10	64	6.979	6.995	0.016
10	65	6.907	6.933	0.026
10	66	6.879	6.912	0.034
10	150	7.013	7.024	0.010
10	237	7.002	7.167	0.165
10	241	6.933	6.971	0.038
10	242	6.931	6.953	0.023
10	243	6.902	6.924	0.022
10	244	6.950	6.952	0.003
30	141	7.028	7.137	0.109
30	144	6.875	6.971	0.096
30	145	7.023	7.072	0.048
30	146	6.901	7.000	0.099
30	147	7.014	7.094	0.080
30	132	6.813	6.880	0.068
30	133	7.017	7.127	0.110
30	135	7.019	6.859	-0.160
30	245	7.063	7.151	0.088
30	246	7.009	7.128	0.119
50	67	6.979	7.110	0.131
50	68	6.887	7.201	0.314
50	69	6.953	7.095	0.142
50	71	6.858	7.017	0.159
50	72	7.009	7.153	0.145
50	172	6.994	7.122	0.127
50	173	6.900	7.055	0.154
50	174	7.040	7.197	0.157
50	183	6.906	7.086	0.180
50	186	6.894	7.046	0.152
100	95	6.980	7.186	0.206
100	102	6.791	6.995	0.204
100	104	6.869	7.138	0.269
100	105	6.906	7.152	0.245
100	106	6.858	7.048	0.190
100	178	7.067	7.341	0.275
100	179	6.935	7.210	0.275
100	180	6.892	7.122	0.230
100	181	6.926	7.181	0.255
100	182	6.941	7.232	0.291
Max		7.084	7.341	0.314
Average		6.941	7.050	0.109
Min		6.791	6.859	-0.160
Std Dev		0.068	0.113	0.102



36.19 Top HS BOOT IIM Interlock 2MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	10.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.905	6.867	6.913	6.859	7.017	6.995
Average	6.905	6.969	6.983	7.042	7.108	7.160
Max	6.905	7.175	7.167	7.151	7.201	7.341
UL	10.500	10.500	10.500	10.500	10.500	10.500

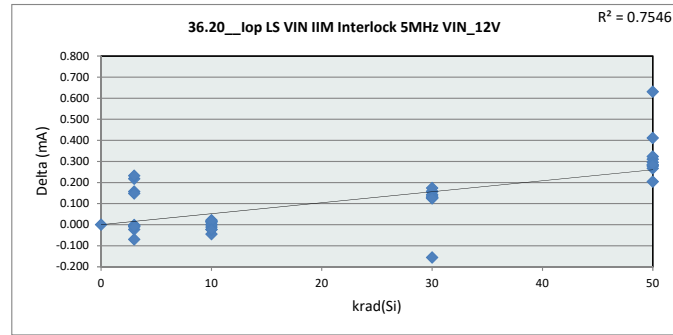


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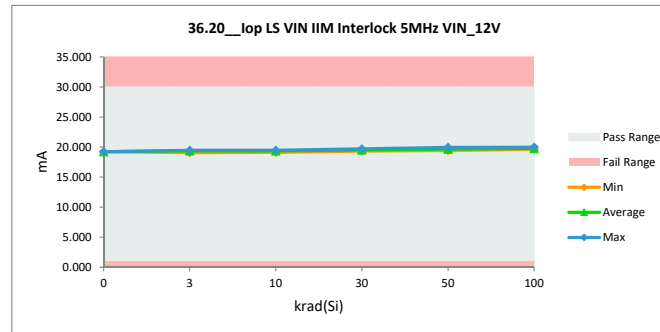
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36.20_top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	30
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	19.223	19.223	0.000
3	58	19.312	19.306	-0.006
3	59	19.238	19.216	-0.023
3	60	19.079	19.077	-0.002
3	61	19.314	19.308	-0.006
3	62	19.304	19.294	-0.010
3	134	19.233	19.451	0.218
3	137	19.220	19.452	0.232
3	138	19.274	19.431	0.157
3	139	19.497	19.427	-0.070
3	236	19.221	19.369	0.148
10	63	19.448	19.461	0.013
10	64	19.445	19.447	0.002
10	65	19.324	19.345	0.021
10	66	19.091	19.105	0.014
10	150	19.392	19.347	-0.045
10	237	19.372	19.361	-0.012
10	241	19.461	19.438	-0.023
10	242	19.162	19.161	-0.001
10	243	19.246	19.263	0.017
10	244	19.455	19.433	-0.022
30	141	19.396	19.553	0.158
30	144	19.338	19.496	0.158
30	145	19.554	19.697	0.143
30	146	19.267	19.396	0.129
30	147	19.460	19.589	0.129
30	132	19.294	19.430	0.136
30	133	19.484	19.659	0.174
30	135	19.480	19.325	-0.155
30	245	19.297	19.422	0.125
30	246	19.405	19.531	0.126
50	67	19.385	19.652	0.267
50	68	19.124	19.755	0.631
50	69	19.430	19.708	0.278
50	71	19.327	19.638	0.310
50	72	19.220	19.503	0.282
50	172	19.508	19.919	0.411
50	173	19.228	19.433	0.204
50	174	19.241	19.564	0.324
50	183	19.291	19.587	0.296
50	186	19.385	19.669	0.285
100	95	19.389	19.914	0.525
100	102	19.179	19.733	0.554
100	104	19.204	19.703	0.499
100	105	19.250	19.920	0.670
100	106	19.323	19.629	0.305
100	178	19.423	19.980	0.557
100	179	19.347	19.796	0.449
100	180	19.396	19.764	0.368
100	181	19.175	19.722	0.547
100	182	19.231	19.799	0.567
Max		19.554	19.980	0.670
Average		19.320	19.518	0.197
Min		19.079	19.077	-0.155
Std Dev		0.114	0.217	0.211



36.20_top LS VIN IIM Interlock 5MHz VIN_12V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	30	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	19.223	19.077	19.105	19.325	19.433	19.629
Average	19.223	19.333	19.336	19.510	19.643	19.796
Max	19.223	19.452	19.461	19.697	19.919	19.980
UL	30.000	30.000	30.000	30.000	30.000	30.000

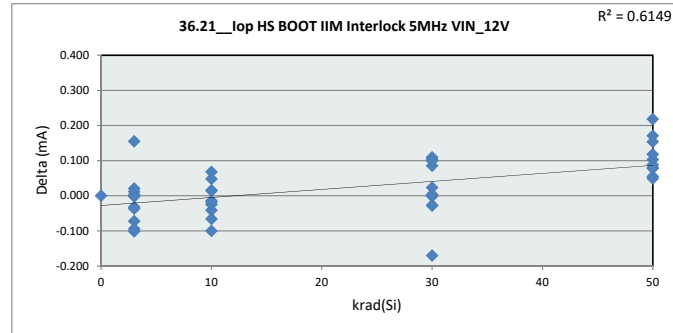


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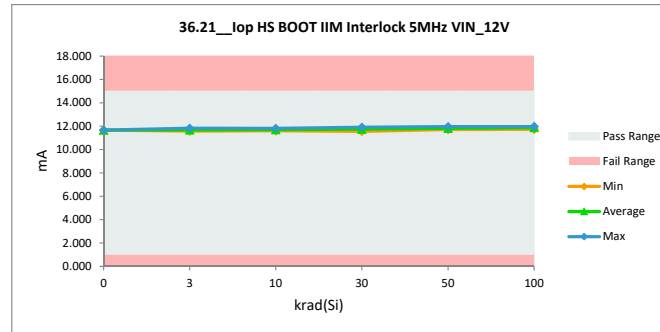
36.21_Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	15	15
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	11.665	11.665	0.000
3	58	11.656	11.624	-0.032
3	59	11.696	11.717	0.021
3	60	11.581	11.584	0.003
3	61	11.627	11.590	-0.037
3	62	11.649	11.660	0.011
3	134	11.667	11.665	-0.002
3	137	11.770	11.668	-0.101
3	138	11.716	11.644	-0.072
3	139	11.844	11.750	-0.094
3	236	11.667	11.822	0.155
10	63	11.699	11.747	0.048
10	64	11.760	11.695	-0.066
10	65	11.666	11.680	0.014
10	66	11.651	11.609	-0.041
10	150	11.793	11.776	-0.018
10	237	11.747	11.815	0.068
10	241	11.679	11.654	-0.025
10	242	11.711	11.726	0.016
10	243	11.725	11.711	-0.014
10	244	11.712	11.612	-0.100
30	141	11.794	11.903	0.109
30	144	11.625	11.710	0.085
30	145	11.791	11.764	-0.027
30	146	11.661	11.765	0.104
30	147	11.744	11.743	-0.002
30	132	11.590	11.563	-0.028
30	133	11.755	11.778	0.023
30	135	11.722	11.551	-0.170
30	245	11.852	11.856	0.004
30	246	11.725	11.825	0.099
50	67	11.700	11.779	0.079
50	68	11.689	11.907	0.218
50	69	11.660	11.814	0.154
50	71	11.618	11.721	0.103
50	72	11.744	11.862	0.118
50	172	11.723	11.778	0.055
50	173	11.685	11.734	0.049
50	174	11.790	11.961	0.171
50	183	11.673	11.761	0.088
50	186	11.652	11.731	0.079
100	95	11.725	11.853	0.128
100	102	11.553	11.729	0.176
100	104	11.630	11.918	0.287
100	105	11.678	11.890	0.211
100	106	11.607	11.731	0.124
100	178	11.785	11.972	0.187
100	179	11.729	11.922	0.193
100	180	11.623	11.890	0.267
100	181	11.696	11.872	0.176
100	182	11.750	11.953	0.203
Max		11.852	11.972	0.287
Average		11.699	11.758	0.059
Min		11.553	11.551	-0.170
Std Dev		0.065	0.109	0.103



36.21_Iop HS BOOT IIM Interlock 5MHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	11.666	11.584	11.609	11.551	11.721	11.729
Average	11.666	11.673	11.702	11.746	11.805	11.873
Max	11.666	11.822	11.815	11.904	11.961	11.972
UL	15.000	15.000	15.000	15.000	15.000	15.000

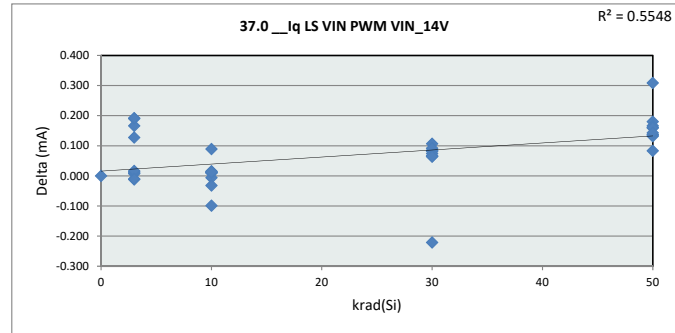


TID HDR Report

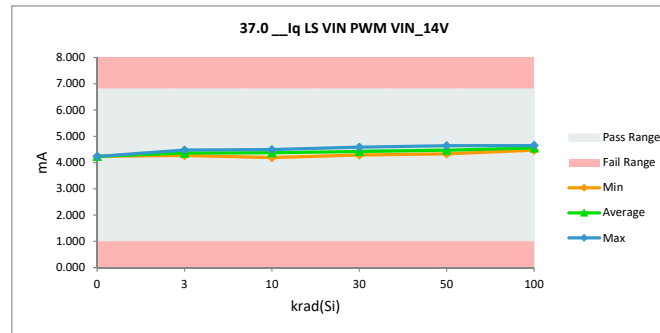
TPS7H6003-SP (5962R2220101VXC)

37.0 __Iq LS VIN PWM VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	6.8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	4.235	4.235	0.000
3	58	4.325	4.333	0.008
3	59	4.270	4.280	0.010
3	60	4.252	4.266	0.013
3	61	4.286	4.302	0.016
3	62	4.295	4.284	-0.012
3	134	4.215	4.405	0.190
3	137	4.240	4.406	0.167
3	138	4.267	4.394	0.128
3	139	4.487	4.477	-0.010
3	236	4.271	4.463	0.192
10	63	4.440	4.456	0.015
10	64	4.403	4.413	0.011
10	65	4.314	4.327	0.013
10	66	4.180	4.190	0.010
10	150	4.320	4.314	-0.006
10	237	4.367	4.456	0.089
10	241	4.501	4.402	-0.099
10	242	4.303	4.314	0.011
10	243	4.299	4.312	0.013
10	244	4.527	4.495	-0.032
30	141	4.330	4.413	0.083
30	144	4.252	4.338	0.085
30	145	4.426	4.509	0.082
30	146	4.371	4.438	0.067
30	147	4.440	4.504	0.064
30	132	4.249	4.324	0.074
30	133	4.475	4.581	0.107
30	135	4.505	4.284	-0.221
30	245	4.277	4.369	0.092
30	246	4.385	4.450	0.065
50	67	4.401	4.538	0.136
50	68	4.185	4.494	0.308
50	69	4.371	4.507	0.136
50	71	4.301	4.481	0.180
50	72	4.290	4.450	0.160
50	172	4.475	4.641	0.166
50	173	4.274	4.358	0.083
50	174	4.170	4.330	0.161
50	183	4.248	4.380	0.132
50	186	4.355	4.498	0.143
100	95	4.360	4.641	0.281
100	102	4.292	4.534	0.241
100	104	4.297	4.587	0.289
100	105	4.286	4.537	0.252
100	106	4.361	4.535	0.174
100	178	4.396	4.649	0.254
100	179	4.329	4.524	0.195
100	180	4.312	4.549	0.238
100	181	4.187	4.470	0.283
100	182	4.253	4.533	0.280
Max		4.527	4.649	0.308
Average		4.326	4.431	0.104
Min		4.170	4.190	-0.221
Std Dev		0.090	0.111	0.111



37.0 __Iq LS VIN PWM VIN_14V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.8	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.235	4.266	4.190	4.284	4.330	4.470
Average	4.235	4.361	4.368	4.421	4.468	4.556
Max	4.235	4.477	4.495	4.581	4.641	4.649
UL	6.800	6.800	6.800	6.800	6.800	6.800

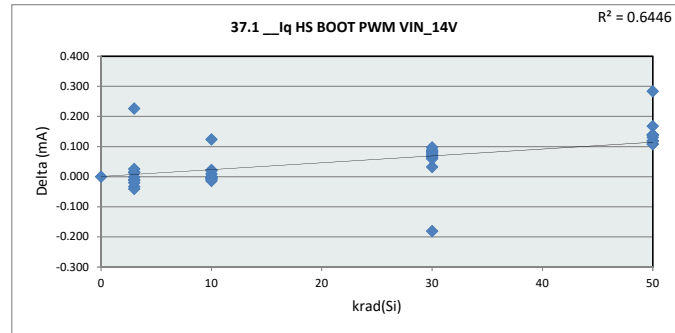


TID HDR Report

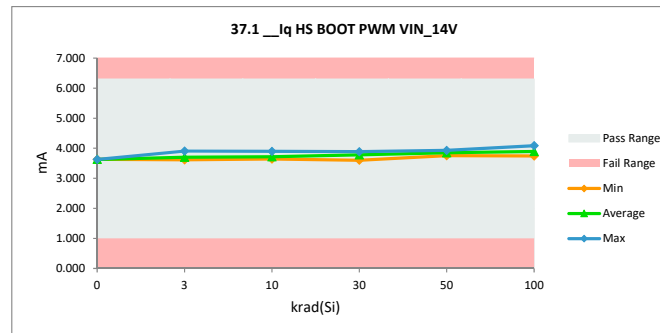
TPS7H6003-SP (5962R2220101VXC)

37.1 Iq HS BOOT PWM VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	15	6.3
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.628	3.628	0.000
3	58	3.615	3.628	0.013
3	59	3.705	3.693	-0.012
3	60	3.597	3.612	0.016
3	61	3.615	3.613	-0.001
3	62	3.624	3.615	-0.010
3	134	3.674	3.699	0.025
3	137	3.734	3.701	-0.033
3	138	3.726	3.686	-0.040
3	139	3.839	3.819	-0.020
3	236	3.681	3.907	0.226
10	63	3.719	3.741	0.022
10	64	3.722	3.722	0.000
10	65	3.654	3.662	0.009
10	66	3.632	3.652	0.020
10	150	3.759	3.753	-0.006
10	237	3.773	3.897	0.124
10	241	3.704	3.696	-0.009
10	242	3.681	3.678	-0.003
10	243	3.644	3.642	-0.002
10	244	3.715	3.701	-0.014
30	141	3.775	3.860	0.085
30	144	3.640	3.714	0.074
30	145	3.755	3.787	0.032
30	146	3.664	3.744	0.079
30	147	3.780	3.845	0.065
30	132	3.553	3.612	0.059
30	133	3.776	3.864	0.088
30	135	3.781	3.600	-0.181
30	245	3.806	3.877	0.071
30	246	3.790	3.887	0.097
50	67	3.738	3.846	0.108
50	68	3.643	3.927	0.284
50	69	3.719	3.838	0.119
50	71	3.614	3.753	0.139
50	72	3.789	3.907	0.118
50	172	3.754	3.862	0.108
50	173	3.663	3.802	0.139
50	174	3.785	3.916	0.131
50	183	3.665	3.833	0.168
50	186	3.638	3.776	0.137
100	95	3.733	3.926	0.193
100	102	3.565	3.741	0.177
100	104	3.618	3.853	0.235
100	105	3.658	3.872	0.214
100	106	3.616	3.805	0.189
100	178	3.832	4.087	0.255
100	179	3.679	3.933	0.254
100	180	3.652	3.844	0.192
100	181	3.671	3.913	0.242
100	182	3.682	3.935	0.253
Max		3.839	4.087	0.284
Average		3.696	3.782	0.087
Min		3.553	3.600	-0.181
Std Dev		0.070	0.114	0.100



37.1 Iq HS BOOT						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.3	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.628	3.612	3.642	3.600	3.753	3.741
Average	3.628	3.697	3.714	3.779	3.846	3.891
Max	3.628	3.907	3.897	3.887	3.927	4.087
UL	6.300	6.300	6.300	6.300	6.300	6.300

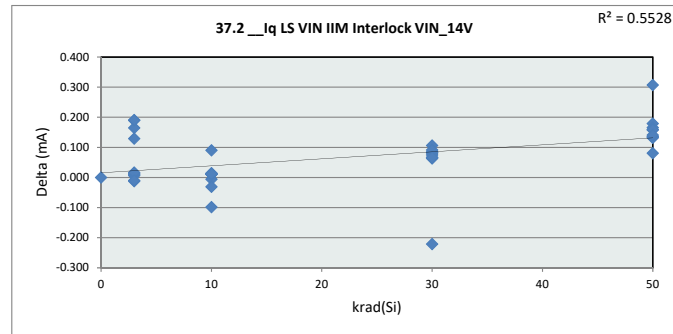


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TPS7H6003-SP (5962R2220101VXC)

37.2 Iq LS VIN IIM Interlock VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.8	8
Min Limit	1	1

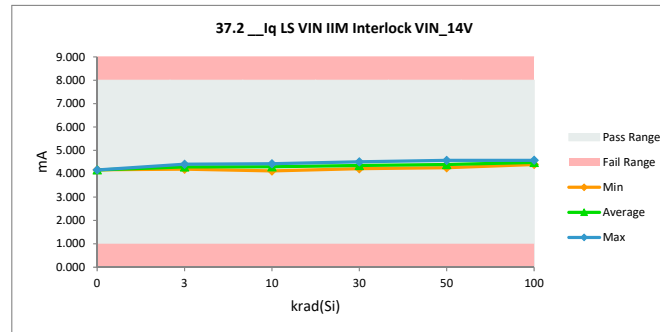
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.163	4.163	0.000
3	58	4.255	4.261	0.006
3	59	4.200	4.210	0.009
3	60	4.182	4.195	0.013
3	61	4.214	4.231	0.017
3	62	4.225	4.212	-0.013
3	134	4.143	4.333	0.190
3	137	4.170	4.335	0.165
3	138	4.194	4.323	0.129
3	139	4.415	4.405	-0.010
3	236	4.201	4.392	0.191
10	63	4.370	4.384	0.014
10	64	4.333	4.343	0.010
10	65	4.243	4.256	0.013
10	66	4.110	4.121	0.010
10	150	4.249	4.244	-0.006
10	237	4.295	4.385	0.090
10	241	4.429	4.330	-0.099
10	242	4.232	4.243	0.011
10	243	4.228	4.240	0.012
10	244	4.456	4.425	-0.031
30	141	4.259	4.340	0.081
30	144	4.180	4.265	0.085
30	145	4.355	4.437	0.083
30	146	4.301	4.368	0.067
30	147	4.369	4.432	0.063
30	132	4.178	4.253	0.075
30	133	4.404	4.510	0.106
30	135	4.434	4.213	-0.221
30	245	4.205	4.297	0.091
30	246	4.314	4.380	0.066
50	67	4.330	4.464	0.135
50	68	4.116	4.423	0.307
50	69	4.300	4.435	0.135
50	71	4.229	4.408	0.179
50	72	4.219	4.377	0.158
50	172	4.402	4.568	0.166
50	173	4.204	4.285	0.081
50	174	4.097	4.257	0.159
50	183	4.177	4.308	0.132
50	186	4.285	4.425	0.141
100	95	4.289	4.567	0.279
100	102	4.222	4.462	0.240
100	104	4.228	4.515	0.286
100	105	4.215	4.465	0.250
100	106	4.290	4.464	0.174
100	178	4.324	4.574	0.250
100	179	4.259	4.453	0.194
100	180	4.241	4.479	0.238
100	181	4.116	4.399	0.283
100	182	4.182	4.459	0.277
Max		4.456	4.574	0.307
Average		4.255	4.359	0.104
Min		4.097	4.121	-0.221
Std Dev		0.090	0.110	0.110



37.2 Iq LS VIN IIM

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	8 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.163	4.195	4.121	4.213	4.257	4.399
Average	4.163	4.290	4.297	4.349	4.395	4.484
Max	4.163	4.405	4.425	4.510	4.568	4.574
UL	8.000	8.000	8.000	8.000	8.000	8.000

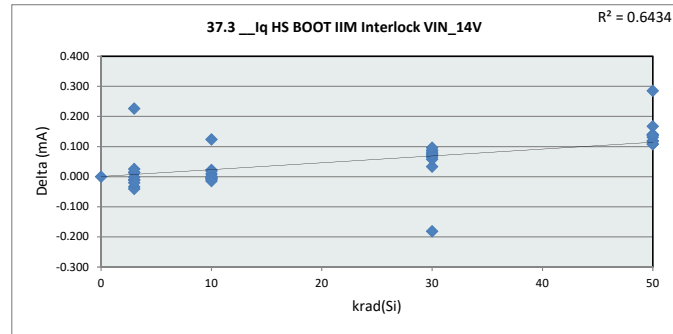


TID HDR Report

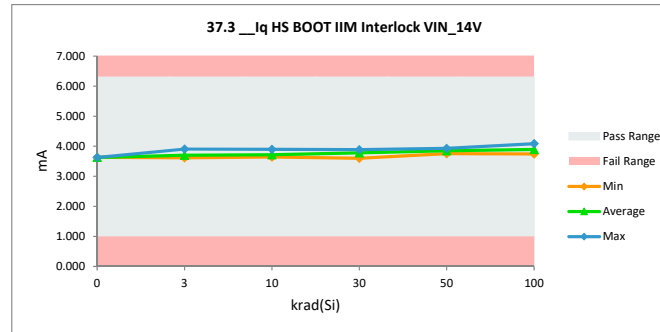
TPS7H6003-SP (5962R2220101VXC)

37.3 Iq HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.3	6.3
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.628	3.628	0.000
3	58	3.614	3.628	0.013
3	59	3.705	3.693	-0.012
3	60	3.597	3.612	0.015
3	61	3.614	3.613	-0.001
3	62	3.624	3.615	-0.010
3	134	3.674	3.699	0.025
3	137	3.734	3.701	-0.033
3	138	3.727	3.686	-0.040
3	139	3.839	3.819	-0.020
3	236	3.680	3.907	0.226
10	63	3.718	3.741	0.022
10	64	3.722	3.722	0.000
10	65	3.654	3.662	0.009
10	66	3.632	3.651	0.019
10	150	3.759	3.753	-0.006
10	237	3.773	3.896	0.124
10	241	3.704	3.695	-0.009
10	242	3.681	3.678	-0.003
10	243	3.644	3.642	-0.002
10	244	3.714	3.700	-0.014
30	141	3.775	3.861	0.086
30	144	3.639	3.714	0.075
30	145	3.755	3.788	0.033
30	146	3.664	3.743	0.079
30	147	3.780	3.845	0.065
30	132	3.553	3.611	0.058
30	133	3.776	3.864	0.088
30	135	3.781	3.600	-0.181
30	245	3.806	3.878	0.072
30	246	3.790	3.886	0.096
50	67	3.738	3.846	0.108
50	68	3.643	3.928	0.285
50	69	3.718	3.837	0.119
50	71	3.614	3.754	0.140
50	72	3.789	3.907	0.118
50	172	3.754	3.862	0.108
50	173	3.663	3.802	0.139
50	174	3.785	3.916	0.131
50	183	3.665	3.832	0.167
50	186	3.639	3.776	0.137
100	95	3.733	3.927	0.194
100	102	3.564	3.741	0.177
100	104	3.619	3.853	0.235
100	105	3.658	3.873	0.215
100	106	3.616	3.805	0.188
100	178	3.833	4.086	0.253
100	179	3.678	3.931	0.252
100	180	3.652	3.843	0.191
100	181	3.671	3.913	0.243
100	182	3.682	3.934	0.252
Max		3.839	4.086	0.285
Average		3.695	3.782	0.087
Min		3.553	3.600	-0.181
Std Dev		0.070	0.114	0.100



37.3 Iq HS BOOT						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	6.3	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.628	3.612	3.642	3.600	3.754	3.741
Average	3.628	3.697	3.714	3.779	3.846	3.891
Max	3.628	3.907	3.896	3.886	3.928	4.086
UL	6.300	6.300	6.300	6.300	6.300	6.300

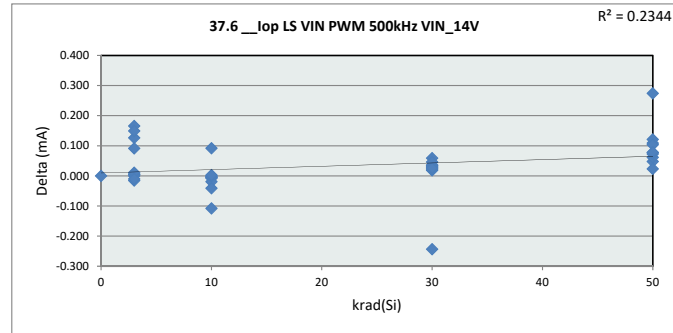


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TPS7H6003-SP (5962R2220101VXC)

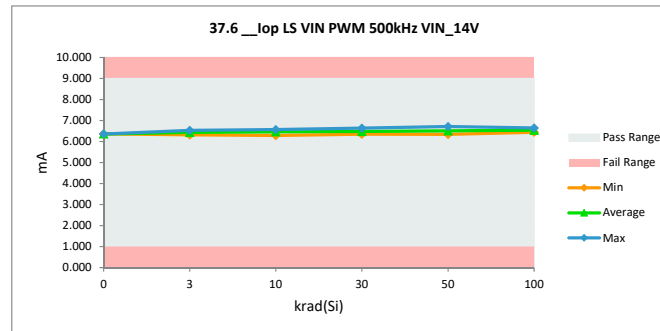
37.6 __Iop LS VIN PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	9	9
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	6.358	6.358	0.000
3	58	6.427	6.427	0.000
3	59	6.311	6.316	0.005
3	60	6.317	6.323	0.006
3	61	6.363	6.373	0.010
3	62	6.416	6.401	-0.015
3	134	6.302	6.468	0.166
3	137	6.341	6.468	0.127
3	138	6.367	6.458	0.091
3	139	6.516	6.506	-0.010
3	236	6.381	6.530	0.149
10	63	6.538	6.536	-0.002
10	64	6.575	6.570	-0.005
10	65	6.491	6.486	-0.006
10	66	6.293	6.285	-0.008
10	150	6.390	6.371	-0.019
10	237	6.434	6.526	0.092
10	241	6.572	6.464	-0.108
10	242	6.385	6.384	0.000
10	243	6.453	6.456	0.003
10	244	6.573	6.532	-0.041
30	141	6.447	6.482	0.035
30	144	6.418	6.449	0.031
30	145	6.495	6.531	0.036
30	146	6.433	6.451	0.018
30	147	6.507	6.529	0.023
30	132	6.391	6.419	0.028
30	133	6.574	6.633	0.059
30	135	6.589	6.346	-0.243
30	245	6.404	6.450	0.046
30	246	6.432	6.457	0.025
50	67	6.542	6.590	0.048
50	68	6.311	6.585	0.274
50	69	6.456	6.517	0.062
50	71	6.334	6.443	0.109
50	72	6.410	6.483	0.073
50	172	6.591	6.713	0.121
50	173	6.402	6.426	0.023
50	174	6.236	6.339	0.103
50	183	6.293	6.370	0.077
50	186	6.499	6.577	0.078
100	95	6.499	6.628	0.129
100	102	6.366	6.473	0.107
100	104	6.359	6.516	0.157
100	105	6.424	6.542	0.118
100	106	6.470	6.489	0.019
100	178	6.503	6.645	0.142
100	179	6.443	6.520	0.077
100	180	6.451	6.549	0.099
100	181	6.276	6.441	0.165
100	182	6.396	6.559	0.163
Max		6.591	6.713	0.274
Average		6.427	6.478	0.052
Min		6.236	6.285	-0.243
Std Dev		0.090	0.091	0.081



37.6 __Iop LS VIN P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	9	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.358	6.316	6.285	6.346	6.339	6.441
Average	6.358	6.427	6.461	6.475	6.504	6.536
Max	6.358	6.530	6.570	6.633	6.713	6.645
UL	9.000	9.000	9.000	9.000	9.000	9.000

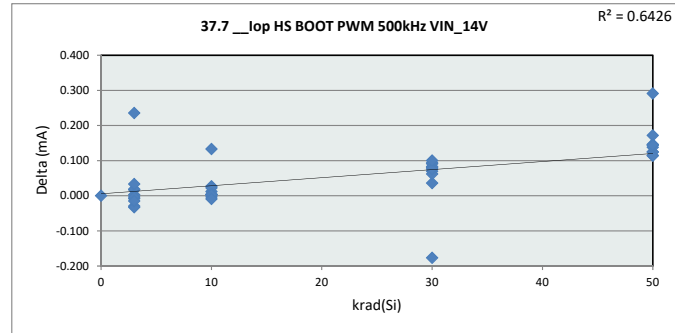


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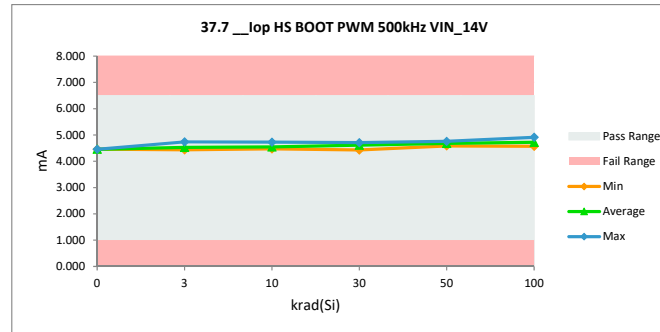
37.7 __Iop HS BOOT PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.5	6.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.457	4.457	0.000
3	58	4.443	4.461	0.017
3	59	4.531	4.523	-0.008
3	60	4.418	4.437	0.019
3	61	4.439	4.442	0.003
3	62	4.448	4.444	-0.003
3	134	4.497	4.531	0.034
3	137	4.561	4.532	-0.029
3	138	4.552	4.520	-0.033
3	139	4.663	4.649	-0.015
3	236	4.501	4.736	0.236
10	63	4.542	4.569	0.027
10	64	4.549	4.553	0.003
10	65	4.482	4.493	0.012
10	66	4.454	4.477	0.022
10	150	4.588	4.584	-0.003
10	237	4.593	4.726	0.133
10	241	4.524	4.528	0.004
10	242	4.505	4.508	0.004
10	243	4.469	4.472	0.003
10	244	4.536	4.527	-0.009
30	141	4.602	4.693	0.091
30	144	4.460	4.540	0.080
30	145	4.586	4.622	0.036
30	146	4.485	4.568	0.083
30	147	4.602	4.672	0.070
30	132	4.379	4.442	0.062
30	133	4.599	4.693	0.094
30	135	4.604	4.428	-0.176
30	245	4.633	4.709	0.076
30	246	4.610	4.711	0.101
50	67	4.563	4.678	0.115
50	68	4.467	4.758	0.291
50	69	4.541	4.666	0.125
50	71	4.439	4.585	0.146
50	72	4.605	4.730	0.125
50	172	4.577	4.691	0.114
50	173	4.482	4.627	0.145
50	174	4.611	4.749	0.138
50	183	4.487	4.658	0.172
50	186	4.463	4.608	0.144
100	95	4.558	4.755	0.197
100	102	4.384	4.567	0.183
100	104	4.443	4.686	0.244
100	105	4.480	4.706	0.226
100	106	4.438	4.628	0.190
100	178	4.652	4.914	0.261
100	179	4.504	4.766	0.262
100	180	4.476	4.675	0.199
100	181	4.498	4.744	0.246
100	182	4.507	4.772	0.264
Max		4.663	4.914	0.291
Average		4.519	4.612	0.093
Min		4.379	4.428	-0.176
Std Dev		0.070	0.114	0.101



37.7 __Iop HS BOOT PWM 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	6.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.457	4.437	4.472	4.428	4.585	4.567
Average	4.457	4.527	4.544	4.608	4.675	4.721
Max	4.457	4.736	4.726	4.711	4.758	4.914
UL	6.500	6.500	6.500	6.500	6.500	6.500

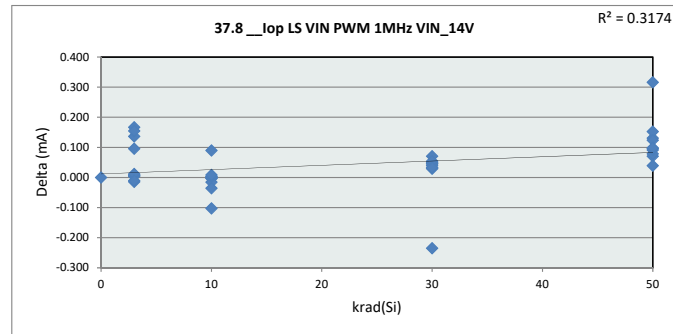


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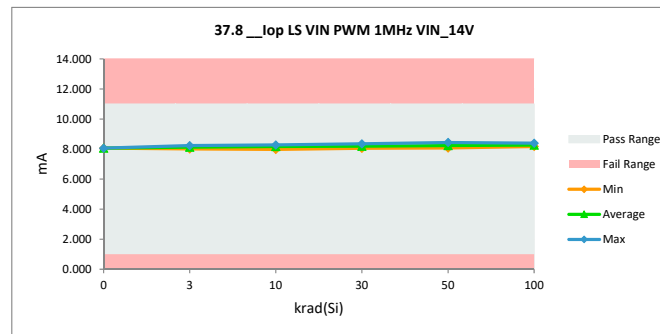
37.8 __Iop LS VIN PWM 1MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	11	11
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	8.058	8.058	0.000
3	58	8.124	8.128	0.004
3	59	7.998	8.005	0.006
3	60	7.996	8.005	0.009
3	61	8.061	8.073	0.012
3	62	8.116	8.101	-0.014
3	134	8.002	8.169	0.167
3	137	8.033	8.169	0.136
3	138	8.063	8.158	0.096
3	139	8.217	8.206	-0.011
3	236	8.071	8.226	0.155
10	63	8.241	8.243	0.003
10	64	8.276	8.274	-0.002
10	65	8.193	8.191	-0.002
10	66	7.979	7.975	-0.003
10	150	8.091	8.076	-0.016
10	237	8.131	8.220	0.090
10	241	8.269	8.166	-0.103
10	242	8.066	8.070	0.003
10	243	8.144	8.153	0.009
10	244	8.267	8.231	-0.036
30	141	8.148	8.194	0.046
30	144	8.122	8.168	0.045
30	145	8.206	8.256	0.049
30	146	8.122	8.151	0.029
30	147	8.211	8.243	0.032
30	132	8.093	8.132	0.039
30	133	8.277	8.348	0.071
30	135	8.284	8.049	-0.235
30	245	8.105	8.159	0.054
30	246	8.136	8.168	0.032
50	67	8.233	8.303	0.070
50	68	8.001	8.317	0.316
50	69	8.160	8.238	0.079
50	71	8.031	8.162	0.131
50	72	8.094	8.186	0.091
50	172	8.286	8.438	0.152
50	173	8.099	8.138	0.039
50	174	7.947	8.071	0.124
50	183	7.997	8.093	0.096
50	186	8.199	8.297	0.098
100	95	8.197	8.358	0.161
100	102	8.056	8.200	0.144
100	104	8.046	8.234	0.187
100	105	8.118	8.290	0.171
100	106	8.167	8.200	0.034
100	178	8.203	8.383	0.180
100	179	8.141	8.249	0.108
100	180	8.159	8.275	0.116
100	181	7.975	8.170	0.196
100	182	8.091	8.291	0.200
Max		8.286	8.438	0.316
Average		8.124	8.189	0.066
Min		7.947	7.975	-0.235
Std Dev		0.092	0.099	0.089



37.8 __Iop LS VIN P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	11	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	8.058	8.005	7.975	8.049	8.071	8.170
Average	8.058	8.124	8.160	8.187	8.224	8.265
Max	8.058	8.226	8.274	8.348	8.438	8.383
UL	11.000	11.000	11.000	11.000	11.000	11.000

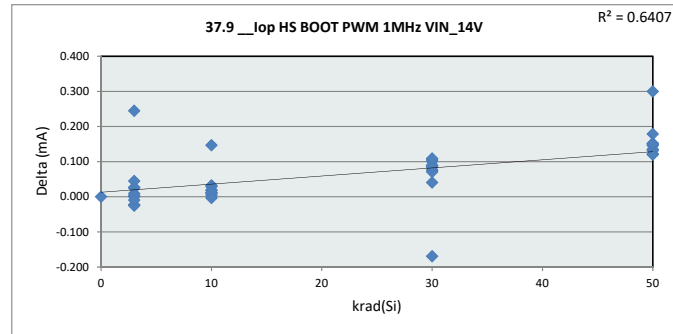


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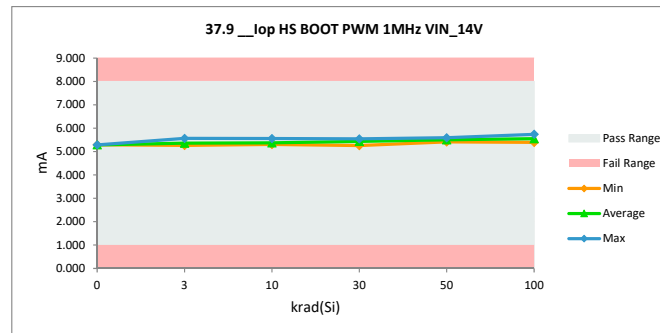
TPS7H6003-SP (5962R2220101VXC)

37.9 __Iop HS BOOT PWM 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.287	5.287	0.000
3	58	5.268	5.293	0.025
3	59	5.352	5.352	0.000
3	60	5.236	5.263	0.027
3	61	5.261	5.270	0.010
3	62	5.271	5.274	0.004
3	134	5.317	5.362	0.045
3	137	5.387	5.364	-0.023
3	138	5.375	5.349	-0.025
3	139	5.486	5.477	-0.010
3	236	5.320	5.564	0.245
10	63	5.362	5.395	0.032
10	64	5.374	5.383	0.009
10	65	5.306	5.325	0.019
10	66	5.273	5.302	0.029
10	150	5.413	5.417	0.005
10	237	5.409	5.556	0.147
10	241	5.341	5.359	0.018
10	242	5.326	5.338	0.012
10	243	5.292	5.304	0.012
10	244	5.354	5.350	-0.004
30	141	5.425	5.526	0.101
30	144	5.279	5.366	0.088
30	145	5.414	5.454	0.041
30	146	5.303	5.393	0.090
30	147	5.420	5.496	0.076
30	132	5.202	5.273	0.071
30	133	5.418	5.523	0.105
30	135	5.425	5.256	-0.169
30	245	5.456	5.540	0.084
30	246	5.428	5.536	0.109
50	67	5.385	5.508	0.122
50	68	5.287	5.587	0.300
50	69	5.361	5.493	0.132
50	71	5.262	5.412	0.150
50	72	5.419	5.555	0.135
50	172	5.397	5.517	0.120
50	173	5.298	5.450	0.152
50	174	5.434	5.580	0.146
50	183	5.305	5.484	0.179
50	186	5.288	5.438	0.150
100	95	5.380	5.585	0.204
100	102	5.200	5.390	0.190
100	104	5.262	5.520	0.258
100	105	5.299	5.535	0.236
100	106	5.259	5.452	0.193
100	178	5.470	5.739	0.269
100	179	5.326	5.595	0.269
100	180	5.296	5.509	0.213
100	181	5.324	5.575	0.252
100	182	5.329	5.606	0.276
Max		5.486	5.739	0.300
Average		5.340	5.441	0.100
Min		5.200	5.256	-0.169
Std Dev		0.070	0.114	0.102



37.9 __Iop HS BOOT PWM 1MHz VIN_14V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	8		mA			
Min Limit	1		mA			
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.287	5.263	5.302	5.256	5.413	5.390
Average	5.287	5.357	5.373	5.436	5.502	5.551
Max	5.287	5.564	5.556	5.540	5.587	5.739
UL	8.000	8.000	8.000	8.000	8.000	8.000

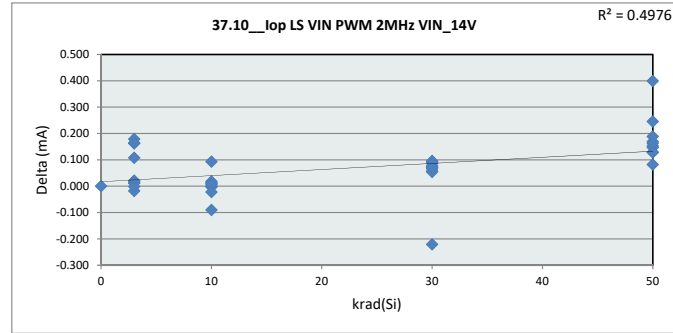


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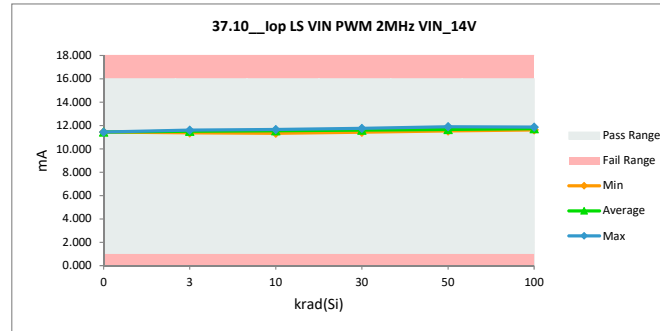
TPS7H6003-SP (5962R2220101VXC)

37.10 Iop LS VIN PWM 2MHz V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	16	16
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	11.437	11.437	0.000
3	58	11.498	11.510	0.012
3	59	11.362	11.383	0.021
3	60	11.342	11.362	0.020
3	61	11.441	11.453	0.012
3	62	11.503	11.486	-0.018
3	134	11.379	11.557	0.179
3	137	11.396	11.559	0.163
3	138	11.439	11.547	0.108
3	139	11.595	11.593	-0.001
3	236	11.438	11.602	0.164
10	63	11.625	11.634	0.009
10	64	11.659	11.660	0.001
10	65	11.577	11.595	0.018
10	66	11.336	11.334	-0.001
10	150	11.481	11.478	-0.002
10	237	11.504	11.597	0.093
10	241	11.644	11.554	-0.090
10	242	11.406	11.420	0.013
10	243	11.515	11.523	0.008
10	244	11.633	11.611	-0.022
30	141	11.532	11.627	0.095
30	144	11.510	11.588	0.078
30	145	11.615	11.682	0.066
30	146	11.477	11.534	0.057
30	147	11.601	11.674	0.073
30	132	11.481	11.535	0.055
30	133	11.663	11.756	0.092
30	135	11.650	11.429	-0.221
30	245	11.484	11.572	0.088
30	246	11.531	11.602	0.071
50	67	11.594	11.724	0.129
50	68	11.364	11.763	0.399
50	69	11.541	11.688	0.147
50	71	11.413	11.581	0.169
50	72	11.446	11.599	0.153
50	172	11.655	11.901	0.245
50	173	11.471	11.554	0.082
50	174	11.347	11.536	0.189
50	183	11.383	11.547	0.163
50	186	11.585	11.713	0.128
100	95	11.575	11.823	0.248
100	102	11.412	11.661	0.248
100	104	11.398	11.676	0.279
100	105	11.500	11.788	0.288
100	106	11.538	11.627	0.089
100	178	11.583	11.865	0.282
100	179	11.516	11.712	0.196
100	180	11.552	11.725	0.174
100	181	11.349	11.637	0.289
100	182	11.462	11.766	0.304
Max		11.663	11.901	0.399
Average		11.499	11.603	0.105
Min		11.336	11.334	-0.221
Std Dev		0.096	0.124	0.116



37.10 Iop LS VIN PWM 2MHz VIN_14V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	16	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	11.437	11.362	11.334	11.429	11.536	11.627
Average	11.437	11.505	11.541	11.600	11.661	11.728
Max	11.437	11.602	11.660	11.756	11.901	11.865
UL	16.000	16.000	16.000	16.000	16.000	16.000

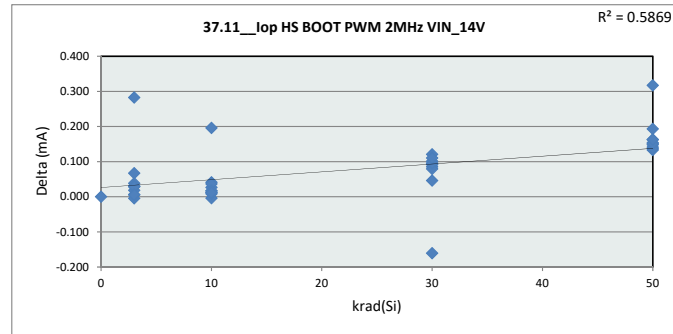


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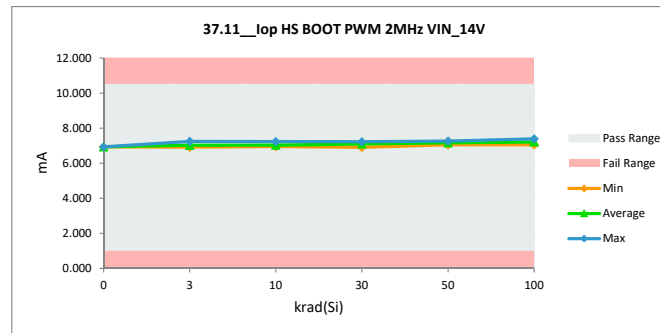
37.11 Iop HS BOOT PWM 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	10.5	10.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	6.935	6.935	0.000
3	58	6.934	6.972	0.038
3	59	7.003	7.022	0.019
3	60	6.888	6.917	0.029
3	61	6.907	6.938	0.031
3	62	6.913	6.941	0.029
3	134	6.970	7.037	0.067
3	137	7.044	7.040	-0.004
3	138	7.019	7.025	0.006
3	139	7.146	7.152	0.006
3	236	6.962	7.245	0.283
10	63	7.017	7.044	0.027
10	64	7.035	7.051	0.017
10	65	6.971	6.983	0.012
10	66	6.910	6.951	0.041
10	150	7.078	7.074	-0.004
10	237	7.039	7.235	0.196
10	241	6.997	7.034	0.037
10	242	6.986	6.995	0.008
10	243	6.953	6.971	0.017
10	244	7.011	7.023	0.011
30	141	7.093	7.194	0.101
30	144	6.932	7.026	0.093
30	145	7.077	7.123	0.046
30	146	6.958	7.050	0.092
30	147	7.077	7.163	0.086
30	132	6.868	6.948	0.079
30	133	7.076	7.197	0.121
30	135	7.068	6.907	-0.161
30	245	7.128	7.224	0.096
30	246	7.081	7.191	0.110
50	67	7.028	7.161	0.133
50	68	6.947	7.264	0.317
50	69	7.015	7.156	0.141
50	71	6.903	7.056	0.154
50	72	7.062	7.210	0.148
50	172	7.036	7.172	0.137
50	173	6.951	7.114	0.163
50	174	7.097	7.248	0.151
50	183	6.960	7.153	0.193
50	186	6.931	7.094	0.163
100	95	7.042	7.250	0.208
100	102	6.848	7.050	0.202
100	104	6.921	7.195	0.274
100	105	6.954	7.197	0.242
100	106	6.915	7.095	0.180
100	178	7.123	7.393	0.270
100	179	6.990	7.271	0.281
100	180	6.957	7.180	0.224
100	181	6.993	7.244	0.251
100	182	6.990	7.281	0.291
Max		7.146	7.393	0.317
Average		6.995	7.106	0.111
Min		6.848	6.907	-0.161
Std Dev		0.071	0.117	0.103



37.11 Iop HS BOOT PWM 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	10.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.935	6.917	6.951	6.907	7.056	7.050
Average	6.935	7.029	7.036	7.102	7.163	7.216
Max	6.935	7.245	7.235	7.224	7.264	7.393
UL	10.500	10.500	10.500	10.500	10.500	10.500

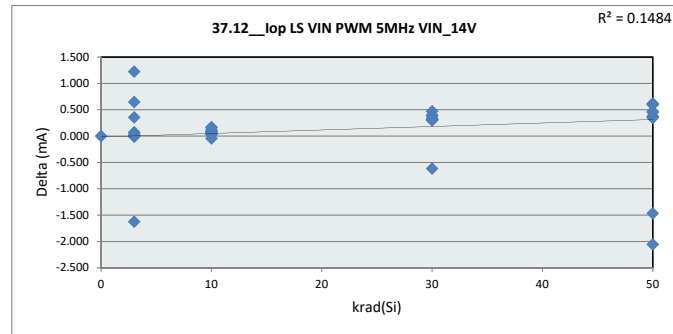


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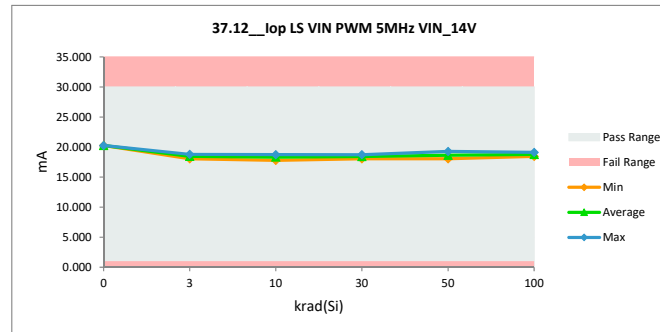
TPS7H6003-SP (5962R2220101VXC)

37.12_top LS VIN PWM 5MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	30
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	20.263	20.263	0.000
3	58	18.050	18.051	0.001
3	59	18.211	18.284	0.073
3	60	18.029	18.063	0.034
3	61	18.207	18.223	0.016
3	62	18.087	18.074	-0.013
3	134	17.502	18.727	1.225
3	137	18.374	18.728	0.354
3	138	18.074	18.720	0.646
3	139	18.762	18.778	0.016
3	236	20.249	18.625	-1.624
10	63	18.482	18.512	0.031
10	64	17.877	18.034	0.157
10	65	18.490	18.522	0.032
10	66	17.917	18.028	0.111
10	150	18.088	18.160	0.073
10	237	18.559	18.621	0.062
10	241	18.629	18.727	0.097
10	242	17.688	17.778	0.090
10	243	18.153	18.324	0.171
10	244	18.575	18.531	-0.044
30	141	18.199	18.510	0.311
30	144	17.949	18.347	0.398
30	145	18.289	18.603	0.315
30	146	17.990	18.322	0.332
30	147	18.303	18.613	0.310
30	132	17.567	18.038	0.472
30	133	18.347	18.726	0.379
30	135	18.775	18.159	-0.616
30	245	18.207	18.504	0.297
30	246	17.855	18.177	0.322
50	67	18.352	18.717	0.365
50	68	20.329	18.863	-1.465
50	69	17.797	18.398	0.602
50	71	17.902	18.521	0.618
50	72	18.344	18.794	0.451
50	172	18.895	19.273	0.378
50	173	18.164	18.511	0.346
50	174	20.093	18.038	-2.055
50	183	17.914	18.385	0.471
50	186	18.045	18.641	0.596
100	95	18.285	18.686	0.401
100	102	17.868	18.760	0.892
100	104	18.113	18.845	0.732
100	105	18.039	18.931	0.892
100	106	17.830	18.561	0.732
100	178	18.160	19.095	0.934
100	179	17.691	18.604	0.913
100	180	18.263	18.444	0.180
100	181	17.891	18.732	0.841
100	182	17.815	18.909	1.094
Max		20.329	20.263	1.225
Average		18.305	18.539	0.234
Min		17.502	17.778	-2.055
Std Dev		0.643	0.396	0.604



37.12_top LS VIN PWM 5MHz VIN_14V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	30	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	20.263	18.051	17.778	18.038	18.038	18.444
Average	20.263	18.427	18.324	18.400	18.614	18.757
Max	20.263	18.778	18.727	18.726	19.273	19.095
UL	30.000	30.000	30.000	30.000	30.000	30.000

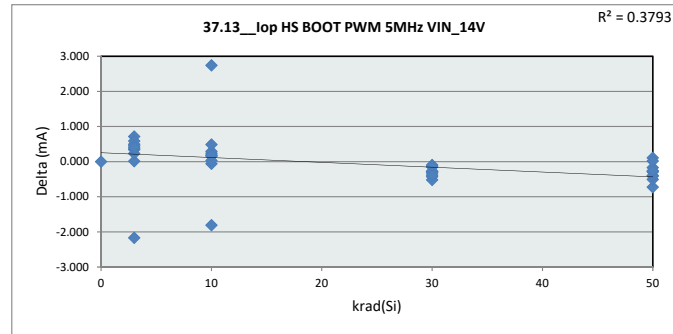


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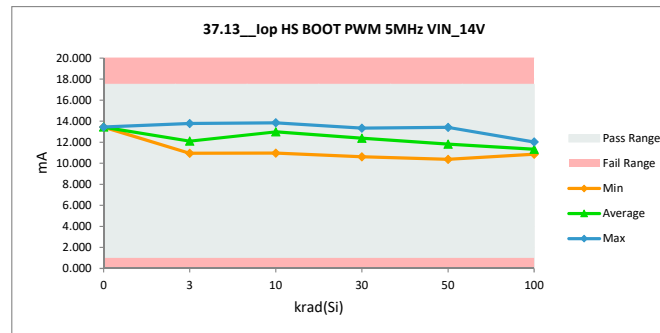
TPS7H6003-SP (5962R2220101VXC)

37.13 Iop HS BOOT PWM 5MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	17.5	17.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	13.436	13.436	0.000
3	58	12.674	13.169	0.495
3	59	11.377	12.090	0.713
3	60	12.068	12.654	0.586
3	61	10.942	10.954	0.012
3	62	10.913	11.143	0.230
3	134	13.638	11.471	-2.167
3	137	11.139	11.479	0.340
3	138	11.045	11.498	0.452
3	139	12.477	12.839	0.362
3	236	13.363	13.772	0.409
10	63	13.588	13.826	0.239
10	64	13.661	13.847	0.186
10	65	13.662	13.601	-0.061
10	66	10.806	10.958	0.152
10	150	13.801	13.831	0.030
10	237	11.034	13.774	2.740
10	241	13.325	11.518	-1.807
10	242	13.336	13.626	0.290
10	243	11.724	12.208	0.484
10	244	12.493	12.675	0.183
30	141	13.333	13.015	-0.318
30	144	12.598	12.445	-0.153
30	145	11.485	11.204	-0.281
30	146	12.511	12.412	-0.099
30	147	13.096	12.825	-0.271
30	132	12.650	12.516	-0.134
30	133	12.957	12.656	-0.302
30	135	11.040	10.608	-0.431
30	245	13.274	12.752	-0.522
30	246	13.719	13.334	-0.385
50	67	11.024	11.131	0.107
50	68	12.414	12.243	-0.171
50	69	13.375	12.649	-0.726
50	71	10.877	10.372	-0.505
50	72	12.207	11.913	-0.294
50	172	11.020	11.040	0.019
50	173	12.456	12.188	-0.268
50	174	13.827	13.416	-0.410
50	183	12.979	12.584	-0.395
50	186	10.831	10.566	-0.264
100	95	13.454	11.658	-1.797
100	102	12.011	11.018	-0.993
100	104	12.534	11.443	-1.091
100	105	12.032	10.850	-1.182
100	106	12.306	10.981	-1.326
100	178	12.220	11.466	-0.755
100	179	12.382	11.390	-0.992
100	180	13.310	12.022	-1.288
100	181	12.771	11.311	-1.460
100	182	11.924	11.174	-0.750
Max		13.827	13.847	2.740
Average		12.414	12.148	-0.266
Min		10.806	10.372	-2.167
Std Dev		0.972	1.020	0.787



37.13 Iop HS BOOT PWM 5MHz						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	17.5	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	13.436	10.954	10.958	10.608	10.372	10.850
Average	13.436	12.107	12.987	12.377	11.810	11.331
Max	13.436	13.772	13.848	13.334	13.416	12.022
UL	17.500	17.500	17.500	17.500	17.500	17.500

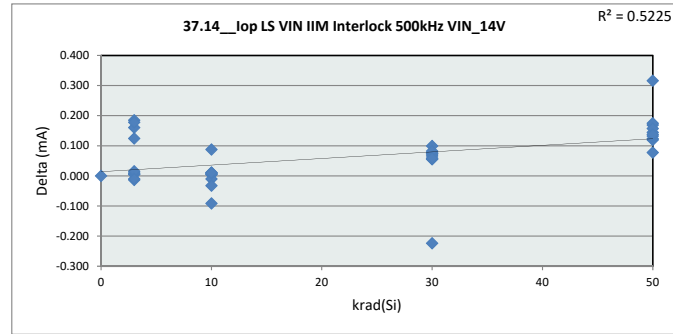


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37.14 Top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	9	9
Min Limit	1	1

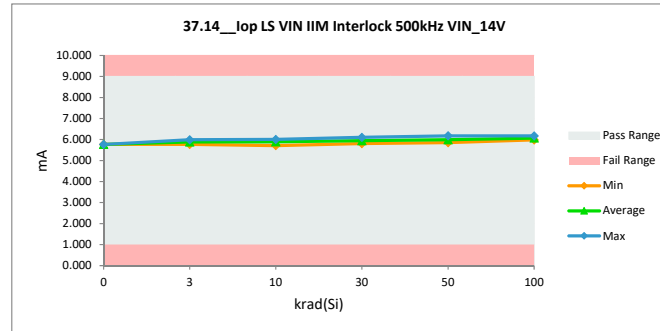
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.767	5.767	0.000
3	58	5.852	5.858	0.006
3	59	5.784	5.789	0.005
3	60	5.761	5.771	0.010
3	61	5.807	5.822	0.016
3	62	5.834	5.821	-0.013
3	134	5.742	5.927	0.185
3	137	5.769	5.929	0.160
3	138	5.793	5.917	0.124
3	139	5.995	5.984	-0.010
3	236	5.799	5.977	0.178
10	63	5.963	5.975	0.011
10	64	5.954	5.958	0.004
10	65	5.865	5.871	0.007
10	66	5.708	5.714	0.006
10	150	5.840	5.830	-0.010
10	237	5.884	5.972	0.087
10	241	6.016	5.925	-0.091
10	242	5.817	5.827	0.010
10	243	5.840	5.850	0.010
10	244	6.033	6.001	-0.032
30	141	5.867	5.940	0.073
30	144	5.809	5.883	0.074
30	145	5.952	6.028	0.076
30	146	5.886	5.941	0.055
30	147	5.962	6.018	0.057
30	132	5.794	5.861	0.066
30	133	6.000	6.099	0.099
30	135	6.028	5.805	-0.224
30	245	5.813	5.895	0.082
30	246	5.898	5.957	0.059
50	67	5.937	6.057	0.120
50	68	5.719	6.035	0.316
50	69	5.897	6.020	0.123
50	71	5.814	5.983	0.169
50	72	5.826	5.971	0.145
50	172	6.002	6.176	0.174
50	173	5.810	5.888	0.078
50	174	5.690	5.848	0.157
50	183	5.765	5.897	0.132
50	186	5.898	6.036	0.137
100	95	5.902	6.157	0.255
100	102	5.810	6.030	0.220
100	104	5.811	6.078	0.267
100	105	5.826	6.064	0.238
100	106	5.892	6.031	0.139
100	178	5.926	6.174	0.249
100	179	5.865	6.047	0.182
100	180	5.854	6.067	0.213
100	181	5.710	5.984	0.274
100	182	5.793	6.063	0.270
Max		6.033	6.176	0.316
Average		5.855	5.951	0.097
Min		5.690	5.714	-0.224
Std Dev		0.088	0.108	0.107



37.14 Top LS VIN IIM Interlock

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	9 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.767	5.771	5.714	5.805	5.848	5.984
Average	5.767	5.880	5.892	5.943	5.991	6.069
Max	5.767	5.984	6.001	6.099	6.176	6.174
UL	9.000	9.000	9.000	9.000	9.000	9.000

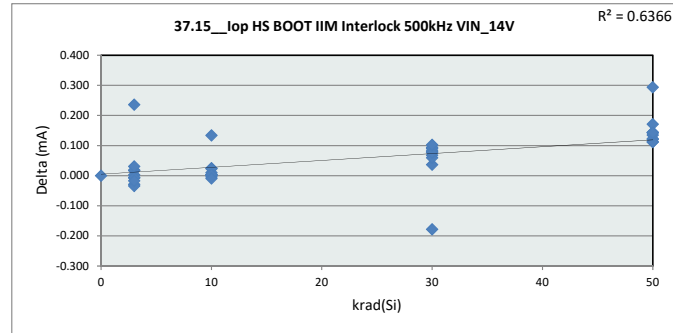


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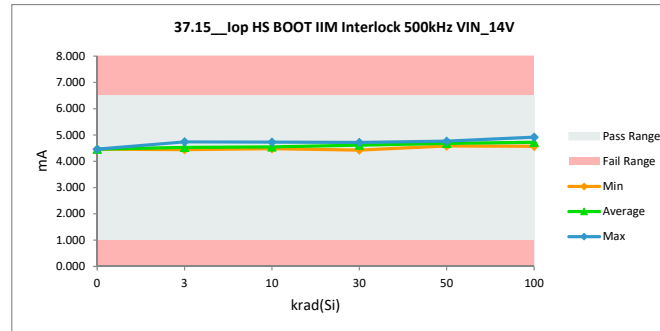
37.15 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	6.5	6.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.461	4.461	0.000
3	58	4.446	4.463	0.017
3	59	4.531	4.523	-0.008
3	60	4.420	4.438	0.019
3	61	4.441	4.444	0.002
3	62	4.452	4.446	-0.006
3	134	4.499	4.530	0.031
3	137	4.561	4.533	-0.029
3	138	4.552	4.518	-0.034
3	139	4.665	4.648	-0.017
3	236	4.502	4.738	0.236
10	63	4.543	4.568	0.025
10	64	4.551	4.553	0.003
10	65	4.482	4.492	0.010
10	66	4.457	4.481	0.023
10	150	4.587	4.583	-0.004
10	237	4.594	4.728	0.134
10	241	4.525	4.529	0.003
10	242	4.507	4.509	0.002
10	243	4.471	4.475	0.004
10	244	4.536	4.527	-0.009
30	141	4.603	4.693	0.090
30	144	4.462	4.542	0.079
30	145	4.586	4.623	0.037
30	146	4.486	4.569	0.082
30	147	4.602	4.669	0.068
30	132	4.381	4.441	0.060
30	133	4.600	4.694	0.094
30	135	4.605	4.427	-0.178
30	245	4.634	4.710	0.076
30	246	4.609	4.711	0.102
50	67	4.563	4.675	0.112
50	68	4.466	4.760	0.293
50	69	4.542	4.663	0.121
50	71	4.439	4.582	0.143
50	72	4.608	4.731	0.123
50	172	4.578	4.690	0.112
50	173	4.486	4.630	0.144
50	174	4.614	4.749	0.135
50	183	4.489	4.660	0.171
50	186	4.467	4.609	0.142
100	95	4.561	4.754	0.194
100	102	4.385	4.566	0.181
100	104	4.445	4.688	0.243
100	105	4.484	4.705	0.220
100	106	4.441	4.628	0.188
100	178	4.655	4.916	0.261
100	179	4.506	4.763	0.257
100	180	4.475	4.675	0.200
100	181	4.499	4.745	0.246
100	182	4.511	4.772	0.262
Max		4.665	4.916	0.293
Average		4.521	4.612	0.091
Min		4.381	4.427	-0.178
Std Dev		0.069	0.114	0.101



37.15 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	6.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	4.461	4.438	4.475	4.427	4.583	4.566
Average	4.461	4.528	4.545	4.608	4.675	4.721
Max	4.461	4.738	4.728	4.711	4.760	4.916
UL	6.500	6.500	6.500	6.500	6.500	6.500

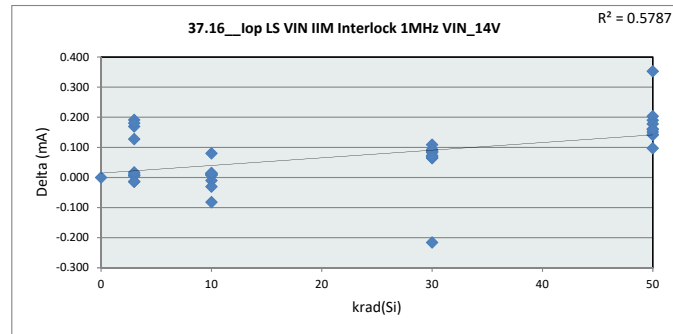


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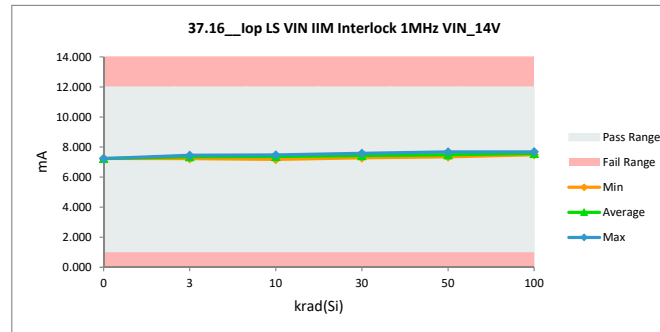
37.16 _Iop LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	12	12
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	7.236	7.236	0.000
3	58	7.323	7.330	0.007
3	59	7.251	7.256	0.005
3	60	7.214	7.225	0.011
3	61	7.278	7.295	0.017
3	62	7.306	7.292	-0.014
3	134	7.213	7.404	0.191
3	137	7.235	7.405	0.170
3	138	7.265	7.392	0.127
3	139	7.469	7.456	-0.014
3	236	7.263	7.444	0.181
10	63	7.434	7.449	0.015
10	64	7.424	7.431	0.008
10	65	7.336	7.344	0.008
10	66	7.168	7.177	0.009
10	150	7.317	7.307	-0.010
10	237	7.357	7.437	0.080
10	241	7.484	7.402	-0.082
10	242	7.272	7.283	0.012
10	243	7.302	7.316	0.014
10	244	7.500	7.470	-0.030
30	141	7.343	7.426	0.083
30	144	7.284	7.370	0.086
30	145	7.435	7.523	0.088
30	146	7.346	7.411	0.064
30	147	7.437	7.502	0.065
30	132	7.269	7.342	0.073
30	133	7.472	7.581	0.109
30	135	7.497	7.281	-0.216
30	245	7.285	7.378	0.093
30	246	7.373	7.442	0.069
50	67	7.403	7.544	0.141
50	68	7.180	7.533	0.353
50	69	7.371	7.514	0.143
50	71	7.285	7.475	0.190
50	72	7.288	7.449	0.161
50	172	7.475	7.679	0.204
50	173	7.274	7.371	0.097
50	174	7.169	7.347	0.178
50	183	7.240	7.391	0.151
50	186	7.369	7.529	0.159
100	95	7.374	7.662	0.287
100	102	7.271	7.527	0.256
100	104	7.271	7.570	0.299
100	105	7.291	7.579	0.288
100	106	7.359	7.521	0.162
100	178	7.398	7.681	0.283
100	179	7.336	7.553	0.217
100	180	7.331	7.567	0.235
100	181	7.178	7.489	0.310
100	182	7.259	7.565	0.306
Max		7.500	7.681	0.353
Average		7.324	7.434	0.111
Min		7.168	7.177	-0.216
Std Dev		0.090	0.119	0.118



37.16 _Iop LS VIN I		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	12	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	7.236	7.225	7.177	7.281	7.347	7.489
Average	7.236	7.350	7.362	7.425	7.483	7.571
Max	7.236	7.456	7.470	7.581	7.679	7.681
UL	12.000	12.000	12.000	12.000	12.000	12.000

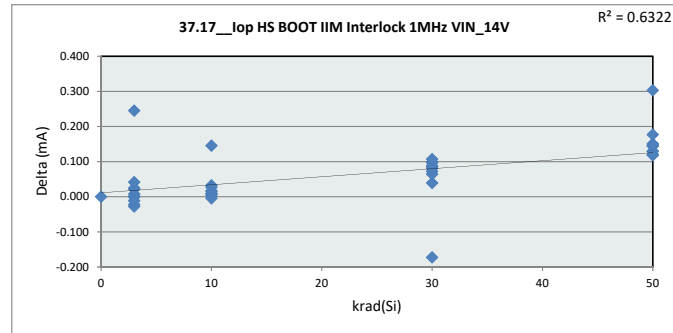


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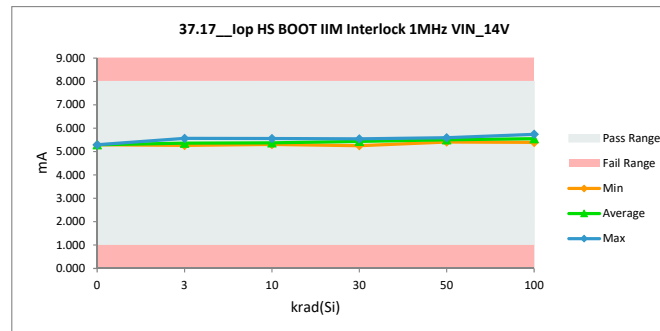
37.17 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	8	8
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.290	5.290	0.000
3	58	5.273	5.294	0.022
3	59	5.353	5.353	-0.001
3	60	5.239	5.264	0.025
3	61	5.264	5.272	0.008
3	62	5.274	5.276	0.002
3	134	5.320	5.361	0.042
3	137	5.385	5.363	-0.022
3	138	5.376	5.348	-0.027
3	139	5.486	5.475	-0.011
3	236	5.321	5.566	0.245
10	63	5.364	5.396	0.032
10	64	5.375	5.383	0.008
10	65	5.305	5.321	0.016
10	66	5.279	5.306	0.027
10	150	5.410	5.413	0.003
10	237	5.412	5.558	0.146
10	241	5.343	5.359	0.017
10	242	5.329	5.338	0.008
10	243	5.295	5.305	0.010
10	244	5.356	5.352	-0.005
30	141	5.426	5.523	0.097
30	144	5.281	5.366	0.085
30	145	5.415	5.454	0.039
30	146	5.305	5.393	0.088
30	147	5.421	5.493	0.072
30	132	5.206	5.270	0.064
30	133	5.420	5.520	0.100
30	135	5.426	5.253	-0.173
30	245	5.459	5.539	0.081
30	246	5.424	5.532	0.107
50	67	5.383	5.503	0.120
50	68	5.287	5.590	0.303
50	69	5.361	5.490	0.129
50	71	5.260	5.411	0.151
50	72	5.423	5.552	0.130
50	172	5.398	5.516	0.118
50	173	5.306	5.450	0.144
50	174	5.437	5.581	0.145
50	183	5.309	5.485	0.177
50	186	5.291	5.439	0.148
100	95	5.382	5.582	0.199
100	102	5.201	5.389	0.188
100	104	5.267	5.521	0.254
100	105	5.306	5.536	0.231
100	106	5.261	5.450	0.189
100	178	5.474	5.739	0.265
100	179	5.331	5.596	0.265
100	180	5.297	5.507	0.210
100	181	5.323	5.573	0.251
100	182	5.336	5.608	0.272
Max		5.486	5.739	0.303
Average		5.342	5.440	0.098
Min		5.201	5.253	-0.173
Std Dev		0.069	0.114	0.101



37.17 Iop HS BOOT IIM Interlock 1MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	8	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	5.290	5.264	5.305	5.253	5.411	5.389
Average	5.290	5.357	5.373	5.434	5.502	5.550
Max	5.290	5.566	5.558	5.539	5.590	5.739
UL	8.000	8.000	8.000	8.000	8.000	8.000

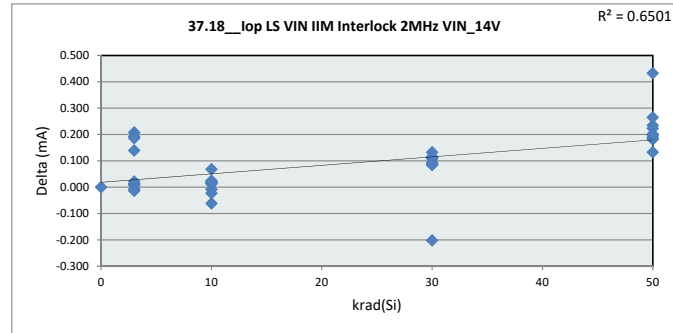


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37.18_top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	17	17
Min Limit	1	1

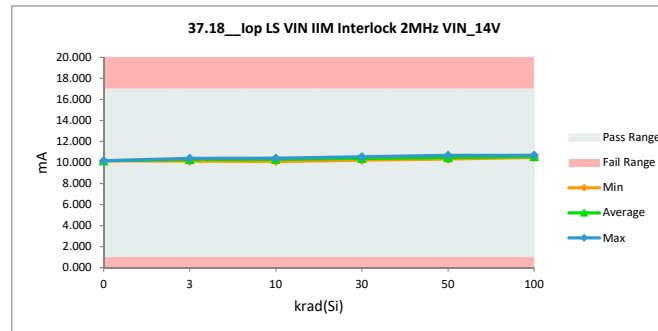
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	10.167	10.167	0.000
3	58	10.256	10.268	0.012
3	59	10.176	10.183	0.007
3	60	10.115	10.128	0.014
3	61	10.214	10.236	0.021
3	62	10.241	10.233	-0.008
3	134	10.145	10.353	0.208
3	137	10.161	10.354	0.192
3	138	10.202	10.341	0.139
3	139	10.410	10.397	-0.014
3	236	10.182	10.368	0.186
10	63	10.368	10.393	0.024
10	64	10.360	10.372	0.013
10	65	10.270	10.287	0.017
10	66	10.083	10.097	0.014
10	150	10.265	10.257	-0.008
10	237	10.293	10.361	0.068
10	241	10.410	10.349	-0.062
10	242	10.173	10.192	0.019
10	243	10.218	10.238	0.020
10	244	10.424	10.401	-0.023
30	141	10.285	10.394	0.109
30	144	10.227	10.339	0.113
30	145	10.394	10.509	0.115
30	146	10.262	10.347	0.085
30	147	10.383	10.467	0.084
30	132	10.208	10.302	0.094
30	133	10.407	10.539	0.132
30	135	10.431	10.229	-0.202
30	245	10.222	10.337	0.116
30	246	10.317	10.405	0.088
50	67	10.327	10.508	0.181
50	68	10.096	10.529	0.433
50	69	10.312	10.499	0.187
50	71	10.221	10.456	0.235
50	72	10.200	10.401	0.201
50	172	10.415	10.680	0.265
50	173	10.199	10.331	0.133
50	174	10.118	10.341	0.223
50	183	10.181	10.377	0.195
50	186	10.305	10.505	0.199
100	95	10.311	10.668	0.357
100	102	10.184	10.516	0.333
100	104	10.185	10.550	0.365
100	105	10.212	10.603	0.391
100	106	10.284	10.489	0.205
100	178	10.335	10.694	0.359
100	179	10.273	10.552	0.280
100	180	10.281	10.559	0.278
100	181	10.108	10.486	0.378
100	182	10.183	10.568	0.384
Max		10.431	10.694	0.433
Average		10.255	10.395	0.140
Min		10.083	10.097	-0.202
Std Dev		0.095	0.142	0.141



37.18_top LS VIN IIM Interlock

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	17 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	10.167	10.128	10.097	10.229	10.331	10.486
Average	10.167	10.286	10.295	10.387	10.463	10.569
Max	10.167	10.397	10.402	10.539	10.680	10.694
UL	17.000	17.000	17.000	17.000	17.000	17.000

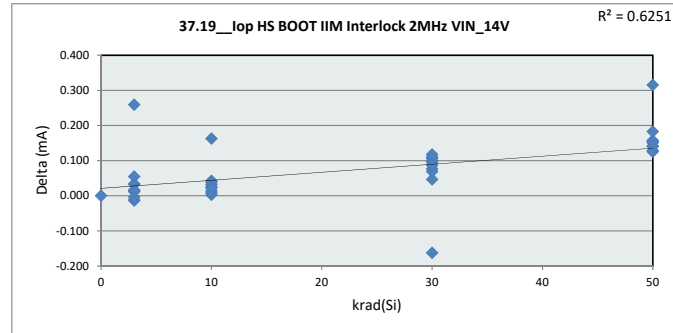


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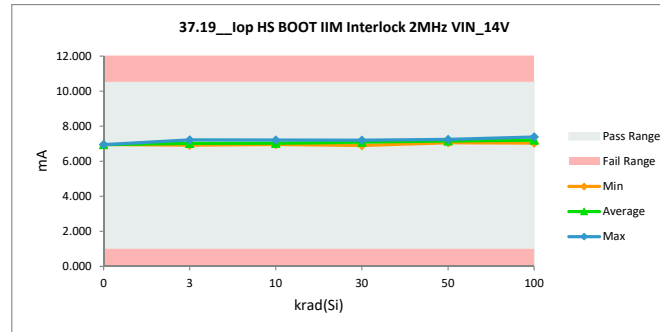
37.19 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	10.5	10.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	6.949	6.949	0.000
3	58	6.924	6.957	0.033
3	59	6.997	7.009	0.011
3	60	6.878	6.911	0.034
3	61	6.909	6.925	0.016
3	62	6.920	6.935	0.015
3	134	6.964	7.019	0.055
3	137	7.035	7.021	-0.013
3	138	7.020	7.008	-0.012
3	139	7.130	7.126	-0.004
3	236	6.959	7.218	0.259
10	63	7.003	7.046	0.043
10	64	7.024	7.038	0.014
10	65	6.953	6.977	0.024
10	66	6.923	6.954	0.032
10	150	7.060	7.068	0.009
10	237	7.048	7.211	0.163
10	241	6.979	7.017	0.038
10	242	6.974	6.997	0.023
10	243	6.945	6.967	0.022
10	244	6.995	6.998	0.003
30	141	7.072	7.183	0.110
30	144	6.920	7.019	0.099
30	145	7.070	7.116	0.047
30	146	6.944	7.040	0.096
30	147	7.059	7.136	0.077
30	132	6.857	6.926	0.069
30	133	7.064	7.170	0.106
30	135	7.064	6.902	-0.162
30	245	7.108	7.195	0.087
30	246	7.054	7.171	0.118
50	67	7.024	7.153	0.129
50	68	6.931	7.247	0.315
50	69	6.998	7.139	0.140
50	71	6.902	7.060	0.157
50	72	7.053	7.194	0.142
50	172	7.040	7.165	0.126
50	173	6.945	7.097	0.152
50	174	7.086	7.241	0.156
50	183	6.949	7.132	0.183
50	186	6.941	7.093	0.152
100	95	7.025	7.230	0.204
100	102	6.836	7.034	0.199
100	104	6.912	7.183	0.272
100	105	6.951	7.195	0.244
100	106	6.904	7.092	0.188
100	178	7.111	7.386	0.275
100	179	6.981	7.257	0.276
100	180	6.938	7.166	0.228
100	181	6.971	7.226	0.255
100	182	6.985	7.273	0.288
Max		7.130	7.386	0.315
Average		6.986	7.094	0.108
Min		6.836	6.902	-0.162
Std Dev		0.069	0.113	0.102



37.19 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	10.5	mA
Min Limit	1	mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	6.949	6.911	6.954	6.902	7.060	7.034
Average	6.949	7.013	7.027	7.086	7.152	7.204
Max	6.949	7.218	7.211	7.195	7.247	7.386
UL	10.500	10.500	10.500	10.500	10.500	10.500

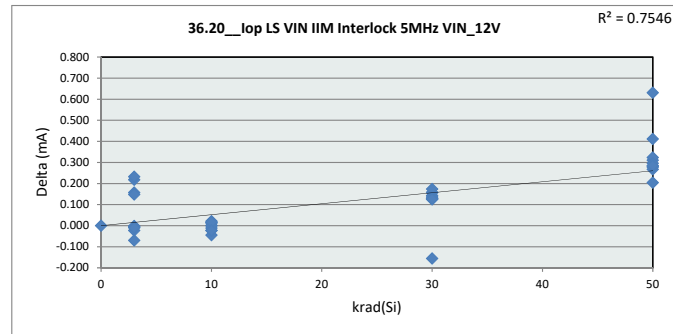


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37.20 Top LS VIN IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	30	30
Min Limit	1	1

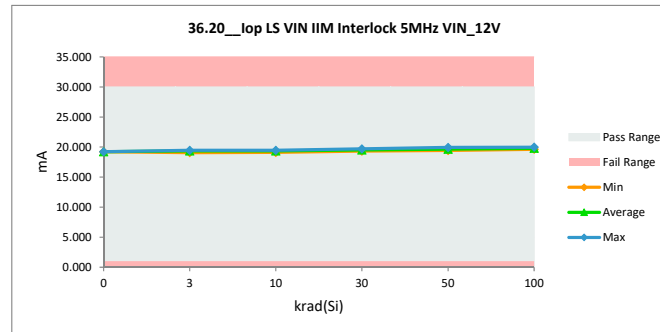
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	19.223	19.223	0.000
3	58	19.312	19.306	-0.006
3	59	19.238	19.216	-0.023
3	60	19.079	19.077	-0.002
3	61	19.314	19.308	-0.006
3	62	19.304	19.294	-0.010
3	134	19.233	19.451	0.218
3	137	19.220	19.452	0.232
3	138	19.274	19.431	0.157
3	139	19.497	19.427	-0.070
3	236	19.221	19.369	0.148
10	63	19.448	19.461	0.013
10	64	19.445	19.447	0.002
10	65	19.324	19.345	0.021
10	66	19.091	19.105	0.014
10	150	19.392	19.347	-0.045
10	237	19.372	19.361	-0.012
10	241	19.461	19.438	-0.023
10	242	19.162	19.161	-0.001
10	243	19.246	19.263	0.017
10	244	19.455	19.433	-0.022
30	141	19.396	19.553	0.158
30	144	19.338	19.496	0.158
30	145	19.554	19.697	0.143
30	146	19.267	19.396	0.129
30	147	19.460	19.589	0.129
30	132	19.294	19.430	0.136
30	133	19.484	19.659	0.174
30	135	19.480	19.325	-0.155
30	245	19.297	19.422	0.125
30	246	19.405	19.531	0.126
50	67	19.385	19.652	0.267
50	68	19.124	19.755	0.631
50	69	19.430	19.708	0.278
50	71	19.327	19.638	0.310
50	72	19.220	19.503	0.282
50	172	19.508	19.919	0.411
50	173	19.228	19.433	0.204
50	174	19.241	19.564	0.324
50	183	19.291	19.587	0.296
50	186	19.385	19.669	0.285
100	95	19.389	19.914	0.525
100	102	19.179	19.733	0.554
100	104	19.204	19.703	0.499
100	105	19.250	19.920	0.670
100	106	19.323	19.629	0.305
100	178	19.423	19.980	0.557
100	179	19.347	19.796	0.449
100	180	19.396	19.764	0.368
100	181	19.175	19.722	0.547
100	182	19.231	19.799	0.567
Max		19.554	19.980	0.670
Average		19.320	19.518	0.197
Min		19.079	19.077	-0.155
Std Dev		0.114	0.217	0.211



36.20 Top LS VIN IIM Interlock 5MHz VIN_12V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	30 mA
Min Limit	1 mA

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	19.223	19.077	19.105	19.325	19.433	19.629
Average	19.223	19.333	19.336	19.510	19.643	19.796
Max	19.223	19.452	19.461	19.697	19.919	19.980
UL	30.000	30.000	30.000	30.000	30.000	30.000

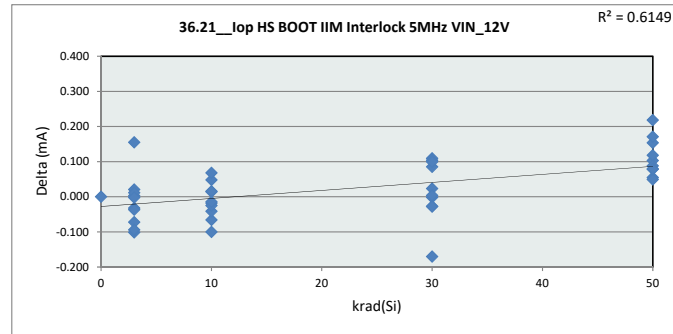


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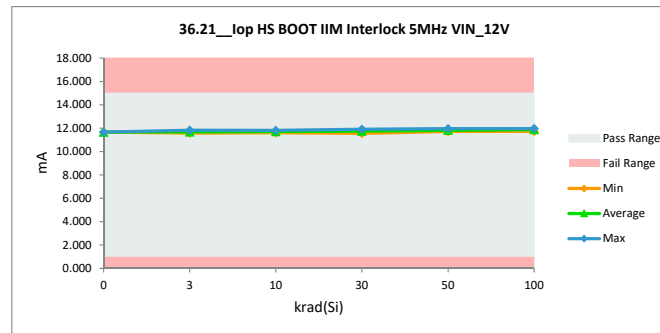
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37.21 Iop HS BOOT IIM Interlock		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	mA	mA
Max Limit	15	15
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	11.665	11.665	0.000
3	58	11.656	11.624	-0.032
3	59	11.696	11.717	0.021
3	60	11.581	11.584	0.003
3	61	11.627	11.590	-0.037
3	62	11.649	11.660	0.011
3	134	11.667	11.665	-0.002
3	137	11.770	11.668	-0.101
3	138	11.716	11.644	-0.072
3	139	11.844	11.750	-0.094
3	236	11.667	11.822	0.155
10	63	11.699	11.747	0.048
10	64	11.760	11.695	-0.066
10	65	11.666	11.680	0.014
10	66	11.651	11.609	-0.041
10	150	11.793	11.776	-0.018
10	237	11.747	11.815	0.068
10	241	11.679	11.654	-0.025
10	242	11.711	11.726	0.016
10	243	11.725	11.711	-0.014
10	244	11.712	11.612	-0.100
30	141	11.794	11.903	0.109
30	144	11.625	11.710	0.085
30	145	11.791	11.764	-0.027
30	146	11.661	11.765	0.104
30	147	11.744	11.743	-0.002
30	132	11.590	11.563	-0.028
30	133	11.755	11.778	0.023
30	135	11.722	11.551	-0.170
30	245	11.852	11.856	0.004
30	246	11.725	11.825	0.099
50	67	11.700	11.779	0.079
50	68	11.689	11.907	0.218
50	69	11.660	11.814	0.154
50	71	11.618	11.721	0.103
50	72	11.744	11.862	0.118
50	172	11.723	11.778	0.055
50	173	11.685	11.734	0.049
50	174	11.790	11.961	0.171
50	183	11.673	11.761	0.088
50	186	11.652	11.731	0.079
100	95	11.725	11.853	0.128
100	102	11.553	11.729	0.176
100	104	11.630	11.918	0.287
100	105	11.678	11.890	0.211
100	106	11.607	11.731	0.124
100	178	11.785	11.972	0.187
100	179	11.729	11.922	0.193
100	180	11.623	11.890	0.267
100	181	11.696	11.872	0.176
100	182	11.750	11.953	0.203
Max		11.852	11.972	0.287
Average		11.699	11.758	0.059
Min		11.553	11.551	-0.170
Std Dev		0.065	0.109	0.103



36.21 Iop HS BOOT IIM Interlock 5MHz VIN_12V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	15	mA				
Min Limit	1	mA				
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	11.666	11.584	11.609	11.551	11.721	11.729
Average	11.666	11.673	11.702	11.746	11.805	11.873
Max	11.666	11.822	11.815	11.904	11.961	11.972
UL	15.000	15.000	15.000	15.000	15.000	15.000

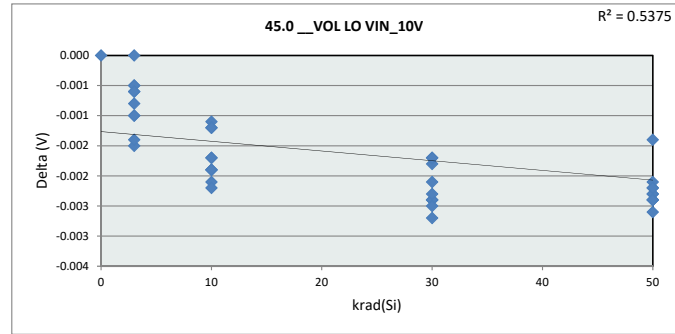


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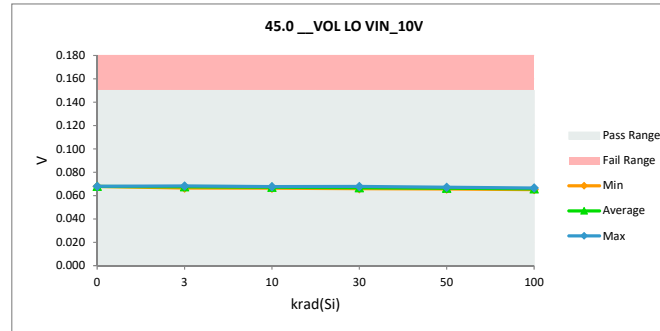
45.0 __VOL LO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.15	0.15
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	0.068	0.068	0.000
3	58	0.068	0.068	0.000
3	59	0.068	0.067	-0.001
3	60	0.069	0.068	-0.001
3	61	0.067	0.067	-0.001
3	62	0.067	0.066	-0.001
3	134	0.068	0.068	-0.001
3	137	0.069	0.068	-0.001
3	138	0.069	0.067	-0.001
3	139	0.069	0.067	-0.001
3	236	0.068	0.068	-0.001
10	63	0.068	0.067	-0.001
10	64	0.068	0.066	-0.002
10	65	0.068	0.067	-0.001
10	66	0.068	0.067	-0.001
10	150	0.069	0.067	-0.002
10	237	0.069	0.068	-0.002
10	241	0.069	0.068	-0.002
10	242	0.070	0.068	-0.002
10	243	0.069	0.067	-0.002
10	244	0.070	0.067	-0.002
30	141	0.069	0.066	-0.002
30	144	0.068	0.066	-0.002
30	145	0.068	0.066	-0.002
30	146	0.069	0.066	-0.002
30	147	0.069	0.067	-0.003
30	132	0.069	0.067	-0.002
30	133	0.069	0.068	-0.002
30	135	0.069	0.067	-0.003
30	245	0.069	0.067	-0.002
30	246	0.069	0.067	-0.002
50	67	0.069	0.066	-0.002
50	68	0.068	0.066	-0.001
50	69	0.068	0.066	-0.002
50	71	0.068	0.066	-0.002
50	72	0.069	0.066	-0.002
50	172	0.069	0.067	-0.003
50	173	0.069	0.067	-0.002
50	174	0.068	0.066	-0.002
50	183	0.069	0.066	-0.002
50	186	0.068	0.066	-0.002
100	95	0.068	0.066	-0.002
100	102	0.068	0.065	-0.003
100	104	0.068	0.065	-0.003
100	105	0.068	0.065	-0.003
100	106	0.068	0.066	-0.003
100	178	0.069	0.066	-0.002
100	179	0.068	0.066	-0.003
100	180	0.069	0.067	-0.002
100	181	0.069	0.066	-0.002
100	182	0.069	0.066	-0.003
Max		0.070	0.068	0.000
Average		0.069	0.067	-0.002
Min		0.067	0.065	-0.003
Std Dev		0.001	0.001	0.001



45.0 __VOL LO VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	0.15	V
Min Limit	0	V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.068	0.066	0.066	0.066	0.066	0.065
Average	0.068	0.067	0.067	0.067	0.066	0.066
Max	0.068	0.068	0.068	0.068	0.067	0.067
UL	0.150	0.150	0.150	0.150	0.150	0.150

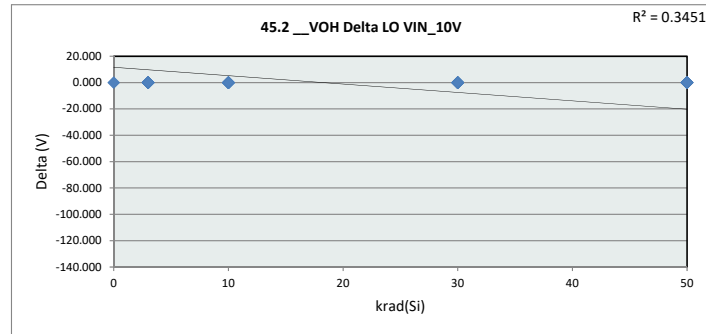


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45.2 __VOH Delta LO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.3	0.3
Min Limit	0	0

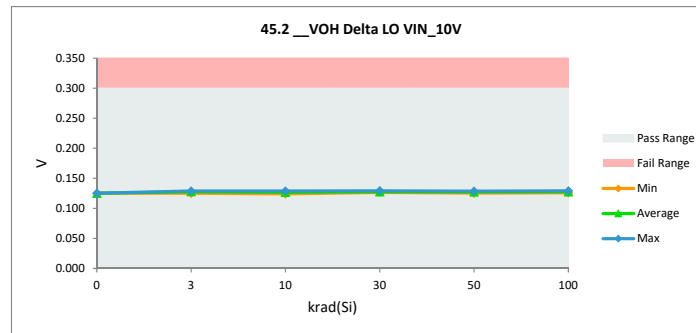
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	0.125	0.125	0.000
3	58	0.128	0.128	0.000
3	59	0.129	0.128	-0.001
3	60	0.125	0.125	0.000
3	61	0.128	0.128	-0.001
3	62	0.128	0.126	-0.001
3	134	0.129	0.129	0.000
3	137	0.129	0.129	0.000
3	138	0.130	0.128	-0.002
3	139	0.129	0.128	-0.002
3	236	0.128	0.128	0.000
10	63	0.129	0.128	-0.001
10	64	0.129	0.127	-0.002
10	65	0.127	0.126	-0.001
10	66	0.125	0.124	-0.001
10	150	0.130	0.128	-0.002
10	237	0.129	0.128	-0.002
10	241	0.129	0.129	0.000
10	242	0.128	0.126	-0.002
10	243	0.127	0.125	-0.002
10	244	0.129	0.127	-0.002
30	141	0.130	0.128	-0.001
30	144	0.128	0.127	-0.002
30	145	0.131	0.129	-0.002
30	146	0.129	0.127	-0.002
30	147	0.129	0.127	-0.002
30	132	0.129	0.128	-0.001
30	133	0.129	0.127	-0.001
30	135	0.128	0.126	-0.001
30	245	0.129	0.127	-0.002
30	246	0.128	0.127	-0.001
50	67	0.127	0.126	0.000
50	68	0.126	0.128	0.002
50	69	0.128	0.127	-0.001
50	71	0.128	0.128	0.000
50	72	0.126	0.125	0.000
50	172	0.130	0.127	-0.002
50	173	0.129	0.127	-0.001
50	174	0.128	0.127	-0.001
50	183	0.128	0.127	-0.001
50	186	0.130	0.128	-0.002
100	95	128.600	0.129	-128.471
100	102	126.100	0.126	-125.974
100	104	126.900	0.127	-126.773
100	105	127.600	0.127	-127.473
100	106	127.600	0.129	-127.471
100	178	0.128	0.127	-0.001
100	179	0.129	0.128	-0.001
100	180	0.129	0.129	0.000
100	181	0.128	0.128	0.000
100	182	0.127	0.126	-0.001
Max		128.600	0.129	0.002
Average		12.602	0.127	-12.475
Min		0.125	0.124	-128.471
Std Dev		38.212	0.001	38.212



45.2 __VOH Delta LO VIN_10V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	0.3 V
Min Limit	0 V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.125	0.125	0.124	0.127	0.125	0.126
Average	0.125	0.128	0.127	0.127	0.127	0.128
Max	0.125	0.129	0.129	0.129	0.129	0.129
UL	0.300	0.300	0.300	0.300	0.300	0.300

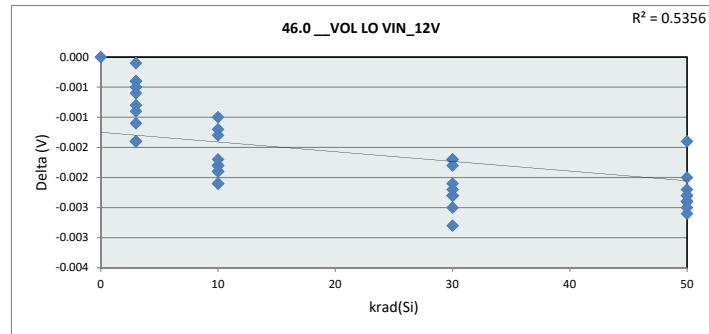


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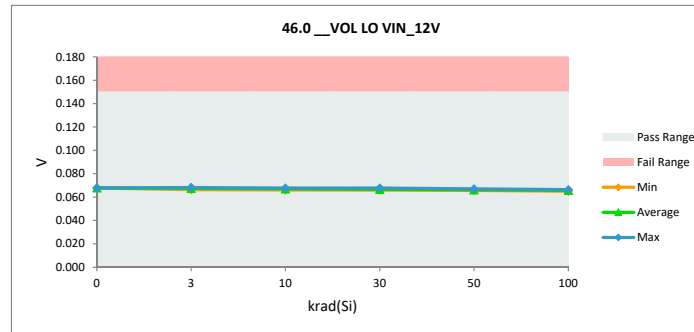
46.0 __VOL LO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.15	0.15
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	0.068	0.068	0.000
3	58	0.068	0.068	0.000
3	59	0.068	0.067	-0.001
3	60	0.069	0.068	0.000
3	61	0.067	0.067	0.000
3	62	0.067	0.066	-0.001
3	134	0.068	0.068	-0.001
3	137	0.069	0.068	-0.001
3	138	0.069	0.067	-0.001
3	139	0.069	0.067	-0.001
3	236	0.068	0.068	-0.001
10	63	0.068	0.067	-0.001
10	64	0.068	0.066	-0.002
10	65	0.068	0.067	-0.001
10	66	0.068	0.067	-0.001
10	150	0.069	0.067	-0.002
10	237	0.069	0.068	-0.002
10	241	0.069	0.068	-0.002
10	242	0.070	0.068	-0.002
10	243	0.068	0.066	-0.002
10	244	0.069	0.067	-0.002
30	141	0.068	0.066	-0.002
30	144	0.068	0.066	-0.002
30	145	0.068	0.066	-0.002
30	146	0.069	0.066	-0.002
30	147	0.069	0.067	-0.003
30	132	0.069	0.067	-0.002
30	133	0.069	0.068	-0.002
30	135	0.069	0.067	-0.003
30	245	0.069	0.067	-0.002
30	246	0.069	0.067	-0.002
50	67	0.068	0.066	-0.002
50	68	0.068	0.066	-0.001
50	69	0.068	0.066	-0.002
50	71	0.068	0.066	-0.002
50	72	0.069	0.066	-0.002
50	172	0.069	0.067	-0.003
50	173	0.069	0.067	-0.002
50	174	0.068	0.066	-0.002
50	183	0.068	0.066	-0.002
50	186	0.068	0.066	-0.002
100	95	0.068	0.066	-0.002
100	102	0.068	0.065	-0.003
100	104	0.068	0.065	-0.003
100	105	0.068	0.065	-0.003
100	106	0.068	0.066	-0.003
100	178	0.069	0.066	-0.002
100	179	0.068	0.066	-0.002
100	180	0.069	0.066	-0.002
100	181	0.069	0.066	-0.003
100	182	0.069	0.066	-0.002
Max		0.070	0.068	0.000
Average		0.069	0.067	-0.002
Min		0.067	0.065	-0.003
Std Dev		0.001	0.001	0.001



46.0 __VOL LO VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	0.15	V
Min Limit	0	V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.068	0.066	0.066	0.066	0.066	0.065
Average	0.068	0.067	0.067	0.067	0.066	0.066
Max	0.068	0.068	0.068	0.068	0.067	0.066
UL	0.150	0.150	0.150	0.150	0.150	0.150

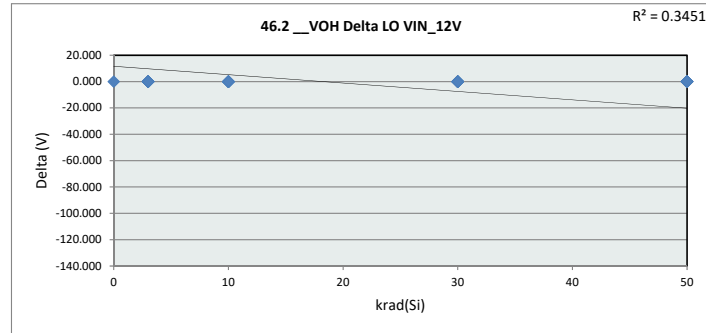


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TPS7H6003-SP (5962R2220101VXC)

46.2 __VOH Delta LO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.3	0.3
Min Limit	0	0

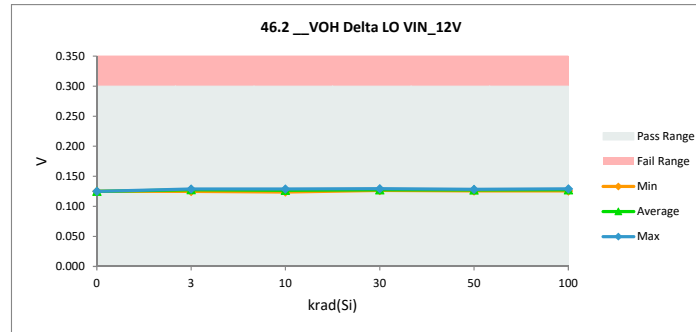
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	0.125	0.125	0.000
3	58	0.128	0.128	0.000
3	59	0.129	0.128	-0.001
3	60	0.125	0.125	-0.001
3	61	0.128	0.128	-0.001
3	62	0.127	0.126	-0.001
3	134	0.129	0.129	0.000
3	137	0.129	0.129	0.000
3	138	0.130	0.128	-0.002
3	139	0.129	0.127	-0.002
3	236	0.128	0.128	0.000
10	63	0.129	0.128	-0.001
10	64	0.129	0.127	-0.002
10	65	0.127	0.126	-0.001
10	66	0.125	0.124	-0.001
10	150	0.131	0.128	-0.002
10	237	0.129	0.127	-0.002
10	241	0.129	0.129	0.000
10	242	0.128	0.126	-0.002
10	243	0.127	0.125	-0.002
10	244	0.129	0.126	-0.002
30	141	0.130	0.129	-0.001
30	144	0.128	0.126	-0.002
30	145	0.131	0.129	-0.001
30	146	0.129	0.127	-0.001
30	147	0.128	0.127	-0.002
30	132	0.129	0.127	-0.001
30	133	0.129	0.127	-0.001
30	135	0.127	0.126	-0.001
30	245	0.129	0.127	-0.002
30	246	0.128	0.127	-0.001
50	67	0.127	0.127	0.000
50	68	0.126	0.128	0.002
50	69	0.128	0.127	-0.001
50	71	0.128	0.128	0.000
50	72	0.126	0.125	0.000
50	172	0.130	0.127	-0.002
50	173	0.129	0.128	-0.001
50	174	0.128	0.127	-0.001
50	183	0.128	0.127	-0.001
50	186	0.130	0.128	-0.002
100	95	128.500	0.129	-128.371
100	102	125.900	0.126	-125.774
100	104	127.000	0.127	-126.873
100	105	127.700	0.127	-127.573
100	106	127.600	0.129	-127.471
100	178	0.127	0.127	-0.001
100	179	0.129	0.128	-0.001
100	180	0.129	0.129	0.000
100	181	0.128	0.127	-0.001
100	182	0.127	0.126	-0.001
Max		128.500	0.129	0.002
Average		12.600	0.127	-12.473
Min		0.125	0.124	-128.371
Std Dev		38.206	0.001	38.206



46.2 __VOH Delta LO VIN_12V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	0.3 V
Min Limit	0 V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.125	0.125	0.124	0.126	0.126	0.126
Average	0.125	0.128	0.127	0.127	0.127	0.127
Max	0.125	0.129	0.129	0.129	0.128	0.129
UL	0.300	0.300	0.300	0.300	0.300	0.300

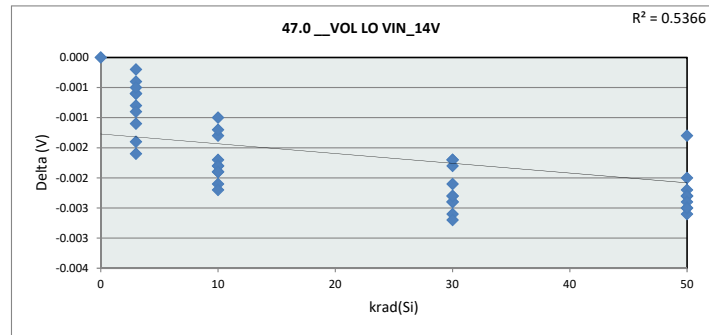


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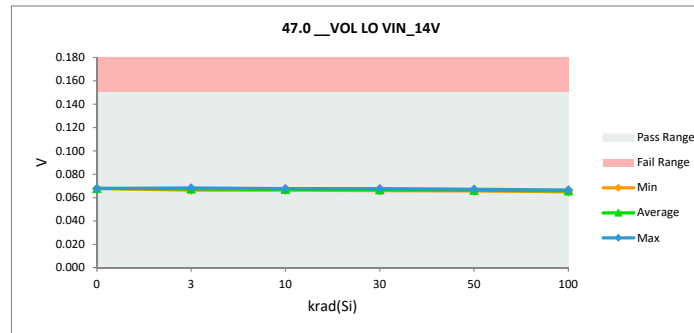
47.0 __VOL LO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.15	0.15
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	0.068	0.068	0.000
3	58	0.068	0.067	0.000
3	59	0.068	0.067	-0.001
3	60	0.069	0.068	0.000
3	61	0.067	0.067	-0.001
3	62	0.067	0.066	-0.001
3	134	0.068	0.068	-0.001
3	137	0.069	0.068	-0.001
3	138	0.069	0.067	-0.001
3	139	0.069	0.067	-0.002
3	236	0.068	0.068	-0.001
10	63	0.068	0.067	-0.001
10	64	0.068	0.066	-0.002
10	65	0.068	0.067	-0.001
10	66	0.068	0.067	-0.001
10	150	0.069	0.067	-0.002
10	237	0.069	0.068	-0.002
10	241	0.069	0.068	-0.002
10	242	0.070	0.068	-0.002
10	243	0.068	0.066	-0.002
10	244	0.069	0.067	-0.002
30	141	0.068	0.066	-0.002
30	144	0.068	0.066	-0.002
30	145	0.068	0.066	-0.002
30	146	0.069	0.066	-0.002
30	147	0.069	0.067	-0.003
30	132	0.069	0.067	-0.002
30	133	0.069	0.068	-0.002
30	135	0.069	0.067	-0.003
30	245	0.069	0.067	-0.002
30	246	0.069	0.067	-0.002
50	67	0.068	0.066	-0.002
50	68	0.068	0.066	-0.001
50	69	0.068	0.066	-0.002
50	71	0.068	0.066	-0.002
50	72	0.069	0.066	-0.002
50	172	0.069	0.067	-0.003
50	173	0.069	0.067	-0.002
50	174	0.068	0.066	-0.002
50	183	0.069	0.066	-0.002
50	186	0.068	0.066	-0.002
100	95	0.068	0.066	-0.002
100	102	0.068	0.065	-0.003
100	104	0.068	0.065	-0.003
100	105	0.068	0.065	-0.003
100	106	0.068	0.066	-0.003
100	178	0.069	0.066	-0.002
100	179	0.068	0.066	-0.003
100	180	0.069	0.067	-0.002
100	181	0.069	0.066	-0.003
100	182	0.069	0.066	-0.003
Max		0.070	0.068	0.000
Average		0.069	0.067	-0.002
Min		0.067	0.065	-0.003
Std Dev		0.001	0.001	0.001



47.0 __VOL LO VIN_		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	0.15	V
Min Limit	0	V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.068	0.066	0.066	0.066	0.066	0.065
Average	0.068	0.067	0.067	0.067	0.066	0.066
Max	0.068	0.068	0.068	0.068	0.067	0.067
UL	0.150	0.150	0.150	0.150	0.150	0.150

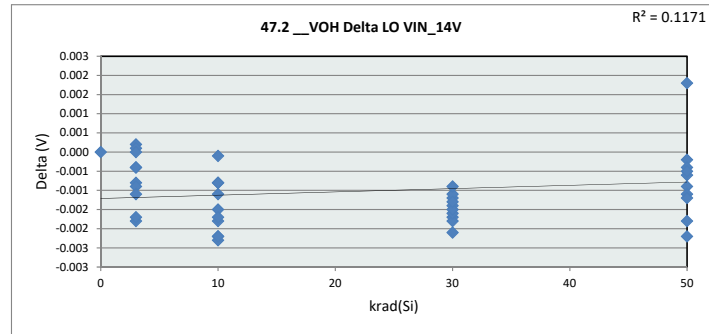


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47.2 __VOH Delta LO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.3	0.3
Min Limit	0	0

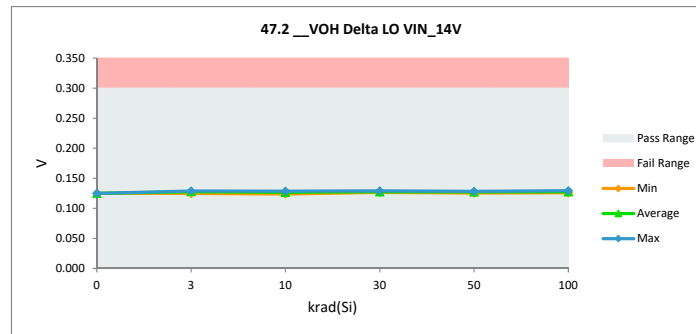
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	0.125	0.125	0.000
3	58	0.128	0.128	0.000
3	59	0.129	0.128	-0.001
3	60	0.125	0.125	0.000
3	61	0.128	0.127	-0.001
3	62	0.127	0.126	-0.001
3	134	0.129	0.129	0.000
3	137	0.129	0.129	0.000
3	138	0.130	0.128	-0.002
3	139	0.129	0.127	-0.002
3	236	0.128	0.128	0.000
10	63	0.129	0.128	-0.001
10	64	0.129	0.127	-0.002
10	65	0.127	0.126	-0.001
10	66	0.125	0.124	-0.001
10	150	0.131	0.128	-0.002
10	237	0.129	0.127	-0.002
10	241	0.129	0.128	0.000
10	242	0.128	0.126	-0.002
10	243	0.127	0.125	-0.002
10	244	0.129	0.126	-0.002
30	141	0.130	0.129	-0.001
30	144	0.128	0.127	-0.002
30	145	0.131	0.129	-0.002
30	146	0.129	0.127	-0.001
30	147	0.129	0.127	-0.002
30	132	0.129	0.128	-0.001
30	133	0.129	0.127	-0.002
30	135	0.127	0.126	-0.001
30	245	0.128	0.127	-0.001
30	246	0.128	0.127	-0.001
50	67	0.127	0.126	0.000
50	68	0.126	0.128	0.002
50	69	0.128	0.127	-0.001
50	71	0.128	0.128	0.000
50	72	0.126	0.125	0.000
50	172	0.130	0.127	-0.002
50	173	0.128	0.128	-0.001
50	174	0.128	0.127	-0.001
50	183	0.128	0.127	-0.001
50	186	0.130	0.128	-0.002
100	95	0.129	0.129	0.000
100	102	0.126	0.126	0.000
100	104	0.127	0.127	0.000
100	105	0.128	0.127	0.000
100	106	0.127	0.129	0.001
100	178	0.128	0.127	-0.001
100	179	0.129	0.128	-0.001
100	180	0.129	0.129	0.001
100	181	0.128	0.128	-0.001
100	182	0.127	0.126	-0.001
Max		0.131	0.129	0.002
Average		0.128	0.127	-0.001
Min		0.125	0.124	-0.002
Std Dev		0.001	0.001	0.001



47.2 __VOH Delta LO VIN_14V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	0.3 V
Min Limit	0 V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.125	0.125	0.124	0.127	0.125	0.126
Average	0.125	0.128	0.127	0.127	0.127	0.128
Max	0.125	0.129	0.129	0.129	0.128	0.129
UL	0.300	0.300	0.300	0.300	0.300	0.300

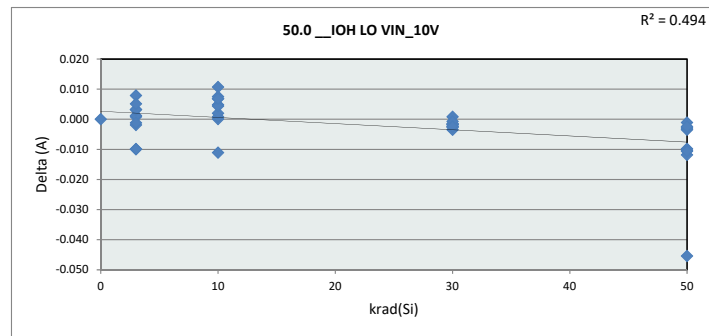


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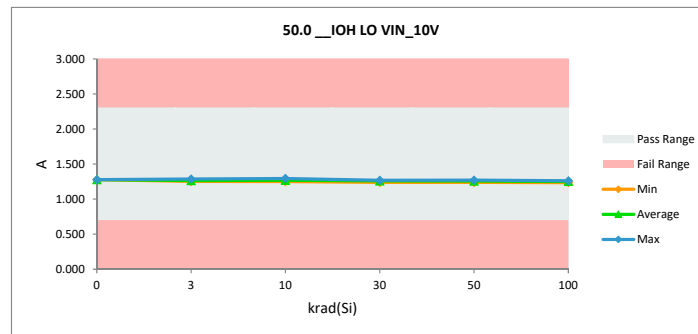
50.0 __IOH LO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	2.3	2.3
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.278	1.278	0.000
3	58	1.265	1.263	-0.002
3	59	1.257	1.260	0.003
3	60	1.286	1.287	0.001
3	61	1.261	1.262	0.001
3	62	1.269	1.272	0.003
3	134	1.263	1.253	-0.010
3	137	1.263	1.253	-0.010
3	138	1.247	1.255	0.008
3	139	1.254	1.259	0.005
3	236	1.270	1.269	-0.001
10	63	1.250	1.250	0.000
10	64	1.258	1.263	0.005
10	65	1.274	1.275	0.001
10	66	1.292	1.294	0.002
10	150	1.243	1.250	0.007
10	237	1.260	1.271	0.011
10	241	1.264	1.253	-0.011
10	242	1.275	1.279	0.004
10	243	1.279	1.287	0.008
10	244	1.259	1.265	0.007
30	141	1.251	1.249	-0.002
30	144	1.263	1.260	-0.002
30	145	1.239	1.238	-0.002
30	146	1.263	1.262	-0.002
30	147	1.262	1.263	0.001
30	132	1.259	1.257	-0.002
30	133	1.260	1.258	-0.003
30	135	1.273	1.269	-0.003
30	245	1.265	1.264	-0.001
30	246	1.262	1.259	-0.002
50	67	1.279	1.269	-0.010
50	68	1.284	1.239	-0.045
50	69	1.266	1.256	-0.010
50	71	1.268	1.256	-0.012
50	72	1.281	1.270	-0.011
50	172	1.250	1.249	-0.001
50	173	1.271	1.267	-0.003
50	174	1.260	1.256	-0.003
50	183	1.261	1.258	-0.003
50	186	1.253	1.251	-0.002
100	95	1.260	1.236	-0.024
100	102	1.280	1.260	-0.020
100	104	1.276	1.255	-0.021
100	105	1.268	1.244	-0.024
100	106	1.269	1.248	-0.022
100	178	1.272	1.259	-0.013
100	179	1.264	1.253	-0.011
100	180	1.258	1.246	-0.013
100	181	1.266	1.253	-0.013
100	182	1.274	1.262	-0.012
Max		1.292	1.294	0.011
Average		1.265	1.260	-0.005
Min		1.239	1.236	-0.045
Std Dev		0.011	0.012	0.010



50.0 __IOH LO VIN_		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.3	A
Min Limit	0.7	A

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.278	1.253	1.250	1.238	1.239	1.236
Average	1.278	1.263	1.269	1.258	1.257	1.252
Max	1.278	1.287	1.294	1.269	1.270	1.262
UL	2.300	2.300	2.300	2.300	2.300	2.300

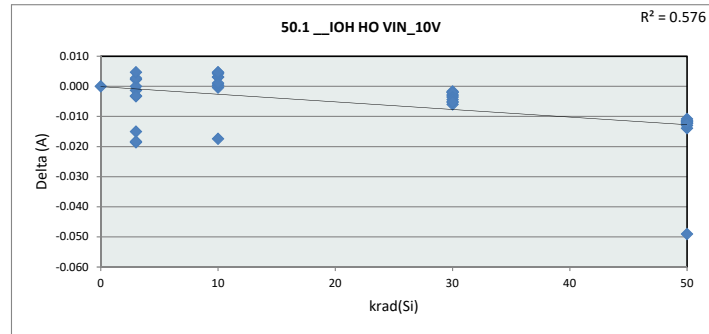


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TPS7H6003-SP (5962R2220101VXC)

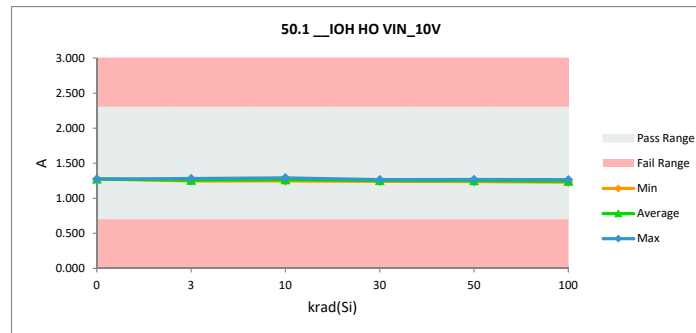
50.1 __IOH HO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	2.3	2.3
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	1.276	1.276	0.000
3	58	1.269	1.265	-0.003
3	59	1.256	1.258	0.002
3	60	1.284	1.282	-0.001
3	61	1.263	1.263	0.000
3	62	1.266	1.268	0.003
3	134	1.266	1.247	-0.019
3	137	1.262	1.247	-0.015
3	138	1.252	1.249	-0.003
3	139	1.250	1.255	0.005
3	236	1.277	1.259	-0.018
10	63	1.250	1.250	0.000
10	64	1.255	1.258	0.003
10	65	1.270	1.270	0.000
10	66	1.286	1.286	0.000
10	150	1.253	1.257	0.005
10	237	1.257	1.260	0.003
10	241	1.265	1.248	-0.017
10	242	1.275	1.276	0.001
10	243	1.289	1.293	0.004
10	244	1.262	1.266	0.005
30	141	1.250	1.247	-0.003
30	144	1.264	1.262	-0.002
30	145	1.243	1.240	-0.003
30	146	1.268	1.266	-0.002
30	147	1.257	1.255	-0.002
30	132	1.261	1.255	-0.005
30	133	1.259	1.253	-0.006
30	135	1.267	1.264	-0.004
30	245	1.256	1.252	-0.004
30	246	1.259	1.254	-0.005
50	67	1.273	1.261	-0.012
50	68	1.290	1.241	-0.049
50	69	1.269	1.259	-0.011
50	71	1.269	1.257	-0.012
50	72	1.278	1.267	-0.012
50	172	1.250	1.237	-0.012
50	173	1.267	1.253	-0.014
50	174	1.255	1.242	-0.013
50	183	1.263	1.252	-0.012
50	186	1.257	1.244	-0.012
100	95	1.253	1.230	-0.023
100	102	1.289	1.266	-0.023
100	104	1.274	1.252	-0.022
100	105	1.270	1.245	-0.025
100	106	1.269	1.245	-0.023
100	178	1.274	1.246	-0.028
100	179	1.264	1.238	-0.026
100	180	1.260	1.233	-0.026
100	181	1.267	1.239	-0.028
100	182	1.278	1.250	-0.028
Max		1.290	1.293	0.005
Average		1.265	1.256	-0.010
Min		1.243	1.230	-0.049
Std Dev		0.011	0.013	0.012



50.1 __IOH HO VIN_		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.3	A
Min Limit	0.7	A

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.276	1.247	1.248	1.240	1.237	1.230
Average	1.276	1.259	1.266	1.255	1.251	1.244
Max	1.276	1.282	1.293	1.266	1.267	1.266
UL	2.300	2.300	2.300	2.300	2.300	2.300

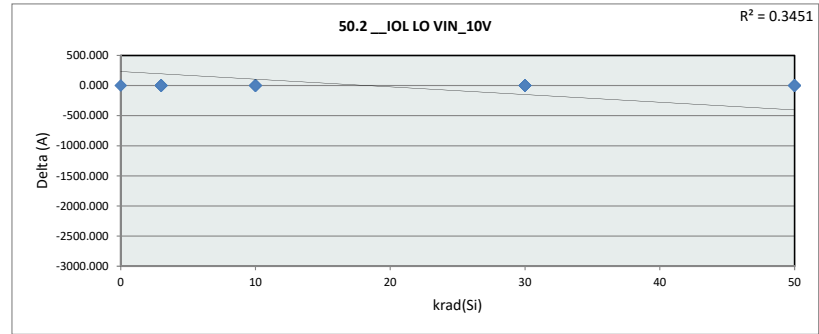


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TPS7H6003-SP (5962R2220101VXC)

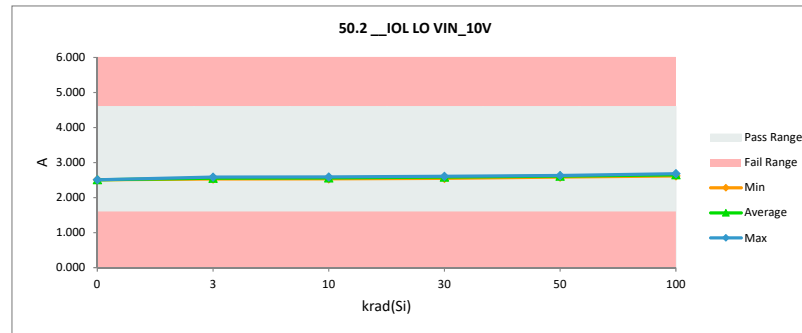
50.2 __IOL LO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	4.6	4.6
Min Limit	1.6	1.6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	248	2.508	2.508	0.000
3	58	2.564	2.571	0.007
3	59	2.533	2.550	0.017
3	60	2.528	2.538	0.010
3	61	2.569	2.579	0.010
3	62	2.562	2.584	0.022
3	134	2.539	2.532	-0.007
3	137	2.519	2.530	0.012
3	138	2.513	2.537	0.023
3	139	2.526	2.555	0.028
3	236	2.541	2.554	0.013
10	63	2.519	2.544	0.024
10	64	2.532	2.571	0.040
10	65	2.534	2.564	0.030
10	66	2.545	2.576	0.031
10	150	2.517	2.562	0.045
10	237	2.521	2.559	0.038
10	241	2.524	2.533	0.009
10	242	2.528	2.568	0.040
10	243	2.539	2.586	0.046
10	244	2.511	2.555	0.045
30	141	2.545	2.608	0.063
30	144	2.534	2.595	0.061
30	145	2.534	2.601	0.067
30	146	2.530	2.597	0.066
30	147	2.526	2.593	0.067
30	132	2.514	2.567	0.053
30	133	2.496	2.545	0.049
30	135	2.532	2.572	0.040
30	245	2.535	2.590	0.055
30	246	2.529	2.581	0.052
50	67	2.532	2.608	0.076
50	68	2.572	2.601	0.030
50	69	2.532	2.609	0.076
50	71	2.563	2.631	0.068
50	72	2.541	2.617	0.076
50	172	2.506	2.583	0.077
50	173	2.538	2.608	0.070
50	174	2.534	2.606	0.072
50	183	2.540	2.613	0.073
50	186	2.537	2.616	0.080
100	95	2533.200	2.644	-2530.556
100	102	2554.500	2.681	-2551.819
100	104	2562.400	2.684	-2559.716
100	105	2549.400	2.666	-2546.734
100	106	2551.000	2.665	-2548.335
100	178	2.534	2.632	0.098
100	179	2.542	2.646	0.104
100	180	2.520	2.620	0.100
100	181	2.517	2.619	0.102
100	182	2.546	2.649	0.104
Max		2562.400	2.684	0.104
Average		252.294	2.590	-249.704
Min		2.496	2.508	-2559.716
Std Dev		765.108	0.041	765.082



50.2 __IOL LO VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4.6	A
Min Limit	1.6	A

krad(Si)	0	3	10	30	50	100
LL	1.600	1.600	1.600	1.600	1.600	1.600
Min	2.508	2.530	2.533	2.545	2.583	2.619
Average	2.508	2.553	2.562	2.585	2.609	2.651
Max	2.508	2.584	2.586	2.608	2.631	2.684
UL	4.600	4.600	4.600	4.600	4.600	4.600

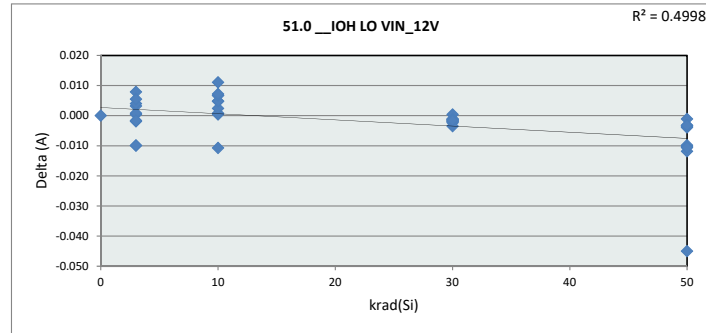


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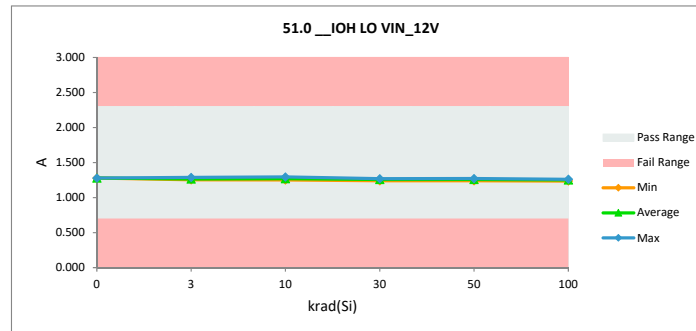
51.0 __IOH LO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	2.3	2.3
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.278	1.278	0.000
3	58	1.265	1.263	-0.002
3	59	1.257	1.260	0.003
3	60	1.286	1.287	0.000
3	61	1.261	1.262	0.001
3	62	1.269	1.273	0.004
3	134	1.263	1.253	-0.010
3	137	1.263	1.253	-0.010
3	138	1.247	1.255	0.008
3	139	1.254	1.259	0.005
3	236	1.271	1.269	-0.002
10	63	1.250	1.250	0.000
10	64	1.258	1.263	0.005
10	65	1.275	1.275	0.001
10	66	1.292	1.295	0.002
10	150	1.244	1.250	0.007
10	237	1.260	1.271	0.011
10	241	1.264	1.254	-0.011
10	242	1.275	1.280	0.005
10	243	1.280	1.286	0.007
10	244	1.259	1.266	0.007
30	141	1.251	1.249	-0.002
30	144	1.262	1.260	-0.002
30	145	1.239	1.238	-0.001
30	146	1.263	1.262	-0.001
30	147	1.263	1.263	0.000
30	132	1.259	1.257	-0.002
30	133	1.260	1.258	-0.002
30	135	1.273	1.269	-0.003
30	245	1.265	1.264	-0.001
30	246	1.261	1.260	-0.002
50	67	1.279	1.269	-0.010
50	68	1.284	1.239	-0.045
50	69	1.266	1.256	-0.010
50	71	1.268	1.256	-0.012
50	72	1.281	1.270	-0.011
50	172	1.250	1.249	-0.001
50	173	1.271	1.267	-0.004
50	174	1.260	1.256	-0.004
50	183	1.262	1.258	-0.003
50	186	1.254	1.250	-0.003
100	95	1.259	1.236	-0.023
100	102	1.280	1.260	-0.020
100	104	1.276	1.256	-0.021
100	105	1.268	1.244	-0.024
100	106	1.269	1.247	-0.022
100	178	1.272	1.258	-0.014
100	179	1.264	1.253	-0.011
100	180	1.258	1.246	-0.013
100	181	1.266	1.253	-0.013
100	182	1.274	1.262	-0.012
Max		1.292	1.295	0.011
Average		1.265	1.260	-0.005
Min		1.239	1.236	-0.045
Std Dev		0.011	0.012	0.010



51.0 __IOH LO VIN_		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.3	A
Min Limit	0.7	A

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.278	1.253	1.250	1.238	1.239	1.236
Average	1.278	1.263	1.269	1.258	1.257	1.252
Max	1.278	1.287	1.295	1.269	1.270	1.262
UL	2.300	2.300	2.300	2.300	2.300	2.300

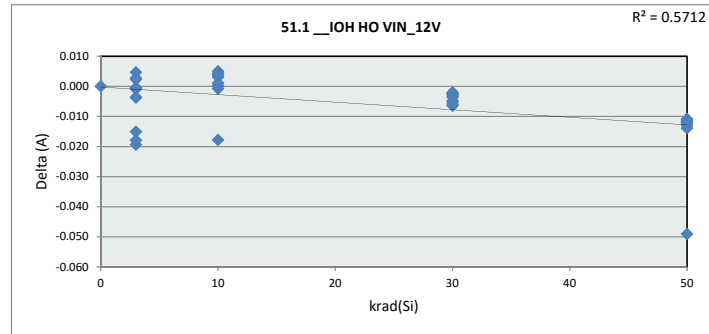


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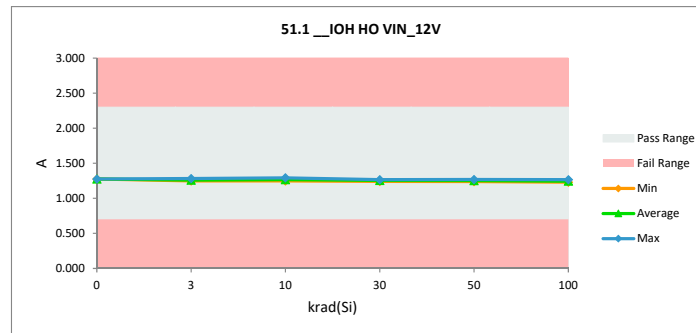
51.1 __IOH HO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	2.3	2.3
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	1.275	1.275	0.000
3	58	1.269	1.265	-0.004
3	59	1.256	1.259	0.003
3	60	1.284	1.283	-0.001
3	61	1.263	1.263	0.000
3	62	1.266	1.268	0.002
3	134	1.266	1.247	-0.019
3	137	1.262	1.246	-0.015
3	138	1.252	1.249	-0.004
3	139	1.250	1.255	0.005
3	236	1.276	1.259	-0.018
10	63	1.250	1.250	-0.001
10	64	1.255	1.258	0.003
10	65	1.270	1.270	0.000
10	66	1.286	1.286	0.000
10	150	1.253	1.258	0.005
10	237	1.256	1.260	0.004
10	241	1.265	1.247	-0.018
10	242	1.275	1.276	0.001
10	243	1.289	1.293	0.004
10	244	1.262	1.266	0.004
30	141	1.250	1.247	-0.003
30	144	1.265	1.262	-0.002
30	145	1.243	1.240	-0.003
30	146	1.268	1.266	-0.003
30	147	1.257	1.255	-0.002
30	132	1.261	1.255	-0.005
30	133	1.259	1.253	-0.006
30	135	1.267	1.264	-0.004
30	245	1.257	1.252	-0.005
30	246	1.260	1.253	-0.006
50	67	1.273	1.261	-0.012
50	68	1.290	1.241	-0.049
50	69	1.269	1.259	-0.011
50	71	1.270	1.257	-0.012
50	72	1.278	1.267	-0.011
50	172	1.249	1.237	-0.012
50	173	1.266	1.252	-0.014
50	174	1.255	1.242	-0.013
50	183	1.263	1.252	-0.012
50	186	1.256	1.244	-0.012
100	95	1.253	1.230	-0.023
100	102	1.289	1.266	-0.023
100	104	1.274	1.252	-0.022
100	105	1.270	1.245	-0.025
100	106	1.268	1.245	-0.023
100	178	1.274	1.246	-0.028
100	179	1.264	1.238	-0.026
100	180	1.260	1.233	-0.027
100	181	1.267	1.239	-0.028
100	182	1.278	1.250	-0.028
Max		1.290	1.293	0.005
Average		1.265	1.256	-0.010
Min		1.243	1.230	-0.049
Std Dev		0.011	0.013	0.012



51.1 __IOH HO VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.3	A
Min Limit	0.7	A

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.275	1.246	1.247	1.240	1.237	1.230
Average	1.275	1.259	1.266	1.255	1.251	1.244
Max	1.275	1.283	1.293	1.266	1.267	1.266
UL	2.300	2.300	2.300	2.300	2.300	2.300

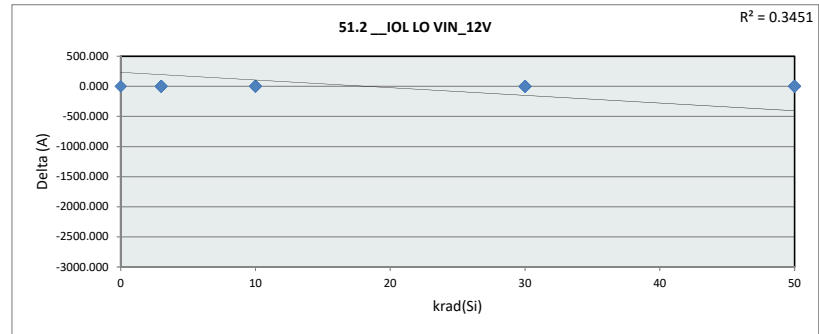


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TPS7H6003-SP (5962R2220101VXC)

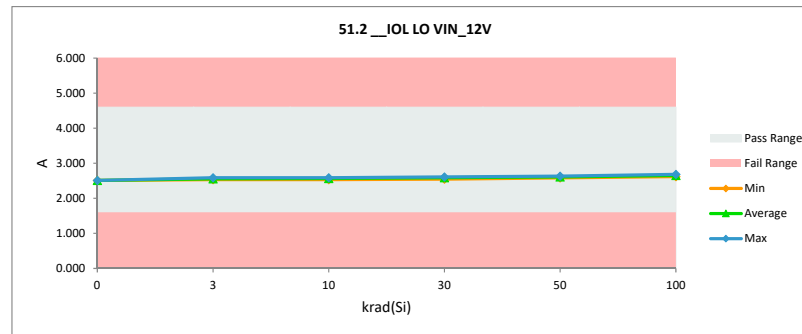
51.2 __IOL LO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	4.6	4.6
Min Limit	1.6	1.6

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	248	2.509	2.509	0.000
3	58	2.564	2.571	0.007
3	59	2.533	2.549	0.016
3	60	2.526	2.538	0.012
3	61	2.566	2.578	0.012
3	62	2.564	2.584	0.020
3	134	2.537	2.532	-0.006
3	137	2.516	2.530	0.014
3	138	2.511	2.537	0.026
3	139	2.529	2.554	0.025
3	236	2.541	2.554	0.013
10	63	2.517	2.543	0.027
10	64	2.531	2.571	0.040
10	65	2.534	2.564	0.030
10	66	2.546	2.576	0.030
10	150	2.517	2.562	0.044
10	237	2.521	2.559	0.037
10	241	2.525	2.533	0.008
10	242	2.529	2.568	0.038
10	243	2.542	2.585	0.043
10	244	2.508	2.554	0.046
30	141	2.544	2.608	0.064
30	144	2.531	2.595	0.064
30	145	2.537	2.600	0.063
30	146	2.533	2.596	0.063
30	147	2.524	2.593	0.069
30	132	2.516	2.566	0.050
30	133	2.492	2.545	0.053
30	135	2.529	2.571	0.042
30	245	2.534	2.589	0.056
30	246	2.525	2.580	0.055
50	67	2.530	2.607	0.077
50	68	2.572	2.601	0.029
50	69	2.532	2.609	0.077
50	71	2.560	2.630	0.070
50	72	2.538	2.616	0.079
50	172	2.509	2.583	0.074
50	173	2.536	2.608	0.072
50	174	2.535	2.606	0.071
50	183	2.540	2.613	0.073
50	186	2.541	2.616	0.075
100	95	2533.200	2.643	-2530.557
100	102	2556.100	2.680	-2553.420
100	104	2565.200	2.682	-2562.517
100	105	2550.200	2.666	-2547.534
100	106	2550.200	2.665	-2547.535
100	178	2.533	2.632	0.099
100	179	2.542	2.646	0.103
100	180	2.519	2.619	0.100
100	181	2.516	2.618	0.102
100	182	2.544	2.649	0.105
Max		2565.200	2.682	0.105
Average		252.380	2.590	-249.790
Min		2.492	2.509	-2562.517
Std Dev		765.374	0.041	765.348



51.2 __IOL LO VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4.6	A
Min Limit	1.6	A

krad(Si)	0	3	10	30	50	100
LL	1.600	1.600	1.600	1.600	1.600	1.600
Min	2.509	2.530	2.533	2.545	2.583	2.618
Average	2.509	2.553	2.562	2.584	2.609	2.650
Max	2.509	2.584	2.585	2.608	2.630	2.683
UL	4.600	4.600	4.600	4.600	4.600	4.600

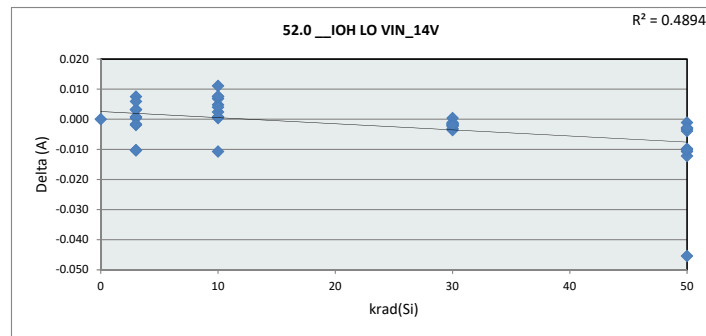


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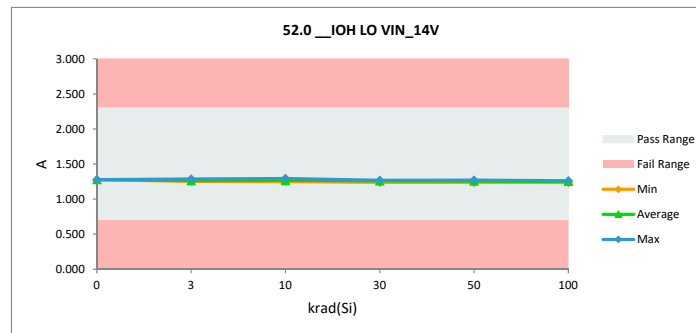
52.0 __IOH LO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	2.3	2.3
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.278	1.278	0.000
3	58	1.265	1.263	-0.002
3	59	1.257	1.260	0.003
3	60	1.286	1.287	0.000
3	61	1.261	1.262	0.001
3	62	1.269	1.273	0.003
3	134	1.263	1.253	-0.010
3	137	1.263	1.252	-0.010
3	138	1.247	1.255	0.007
3	139	1.253	1.259	0.006
3	236	1.271	1.269	-0.002
10	63	1.250	1.250	0.000
10	64	1.258	1.263	0.005
10	65	1.275	1.275	0.001
10	66	1.292	1.295	0.002
10	150	1.243	1.250	0.007
10	237	1.260	1.271	0.011
10	241	1.264	1.254	-0.011
10	242	1.275	1.279	0.004
10	243	1.279	1.287	0.008
10	244	1.258	1.266	0.008
30	141	1.251	1.250	-0.002
30	144	1.262	1.260	-0.002
30	145	1.239	1.238	-0.002
30	146	1.263	1.262	-0.002
30	147	1.263	1.263	0.000
30	132	1.259	1.257	-0.002
30	133	1.261	1.258	-0.003
30	135	1.272	1.269	-0.004
30	245	1.265	1.264	-0.001
30	246	1.262	1.260	-0.002
50	67	1.279	1.269	-0.011
50	68	1.284	1.239	-0.045
50	69	1.266	1.256	-0.010
50	71	1.268	1.256	-0.012
50	72	1.280	1.270	-0.010
50	172	1.250	1.249	-0.001
50	173	1.271	1.268	-0.003
50	174	1.260	1.256	-0.004
50	183	1.262	1.258	-0.003
50	186	1.254	1.251	-0.003
100	95	1.259	1.236	-0.023
100	102	1.280	1.260	-0.020
100	104	1.276	1.256	-0.021
100	105	1.268	1.245	-0.024
100	106	1.270	1.248	-0.022
100	178	1.272	1.259	-0.013
100	179	1.264	1.253	-0.011
100	180	1.258	1.246	-0.013
100	181	1.266	1.253	-0.013
100	182	1.274	1.262	-0.012
Max		1.292	1.295	0.011
Average		1.265	1.260	-0.005
Min		1.239	1.236	-0.045
Std Dev		0.011	0.012	0.010



52.0 __IOH LO VIN_		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.3	A
Min Limit	0.7	A

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.278	1.252	1.250	1.238	1.239	1.236
Average	1.278	1.263	1.269	1.258	1.257	1.252
Max	1.278	1.287	1.295	1.269	1.270	1.262
UL	2.300	2.300	2.300	2.300	2.300	2.300

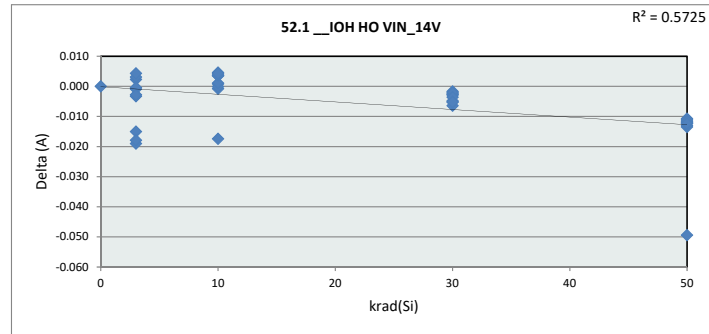


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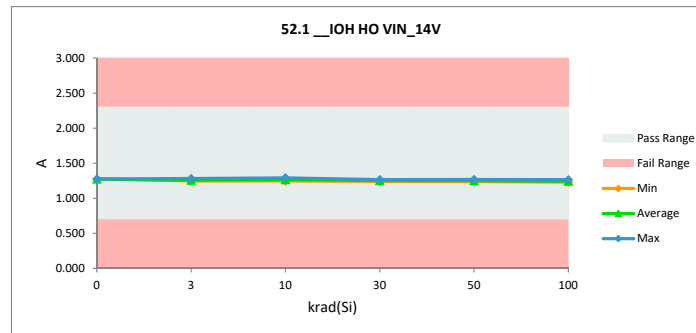
52.1 __IOH HO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	2.3	2.3
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	1.275	1.275	0.000
3	58	1.269	1.265	-0.003
3	59	1.256	1.258	0.002
3	60	1.284	1.283	-0.001
3	61	1.263	1.263	0.000
3	62	1.266	1.269	0.003
3	134	1.266	1.247	-0.019
3	137	1.262	1.247	-0.015
3	138	1.252	1.249	-0.003
3	139	1.250	1.255	0.004
3	236	1.276	1.259	-0.018
10	63	1.250	1.250	-0.001
10	64	1.254	1.258	0.003
10	65	1.270	1.270	0.001
10	66	1.286	1.286	0.000
10	150	1.253	1.258	0.005
10	237	1.256	1.260	0.003
10	241	1.265	1.248	-0.017
10	242	1.275	1.276	0.001
10	243	1.289	1.293	0.004
10	244	1.262	1.266	0.004
30	141	1.250	1.248	-0.003
30	144	1.265	1.262	-0.002
30	145	1.243	1.240	-0.003
30	146	1.268	1.266	-0.002
30	147	1.257	1.255	-0.002
30	132	1.260	1.255	-0.005
30	133	1.259	1.253	-0.006
30	135	1.267	1.264	-0.004
30	245	1.257	1.252	-0.005
30	246	1.259	1.254	-0.005
50	67	1.273	1.261	-0.012
50	68	1.291	1.241	-0.049
50	69	1.270	1.259	-0.011
50	71	1.269	1.257	-0.012
50	72	1.278	1.267	-0.011
50	172	1.249	1.237	-0.012
50	173	1.266	1.253	-0.013
50	174	1.255	1.242	-0.013
50	183	1.263	1.252	-0.012
50	186	1.256	1.244	-0.012
100	95	1.253	1.231	-0.023
100	102	1.289	1.266	-0.023
100	104	1.273	1.252	-0.021
100	105	1.270	1.245	-0.025
100	106	1.268	1.245	-0.023
100	178	1.274	1.246	-0.028
100	179	1.264	1.238	-0.026
100	180	1.260	1.233	-0.026
100	181	1.267	1.239	-0.028
100	182	1.278	1.250	-0.028
Max		1.291	1.293	0.005
Average		1.265	1.256	-0.010
Min		1.243	1.231	-0.049
Std Dev		0.011	0.013	0.012



52.1 __IOH HO VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.3	A
Min Limit	0.7	A

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.275	1.247	1.248	1.240	1.237	1.231
Average	1.275	1.259	1.266	1.255	1.251	1.244
Max	1.275	1.283	1.293	1.266	1.267	1.266
UL	2.300	2.300	2.300	2.300	2.300	2.300

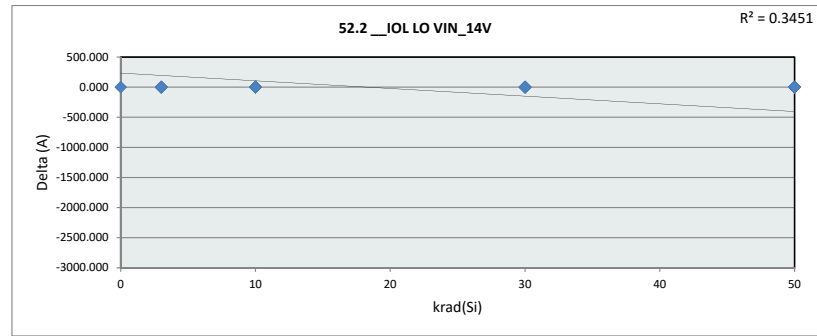


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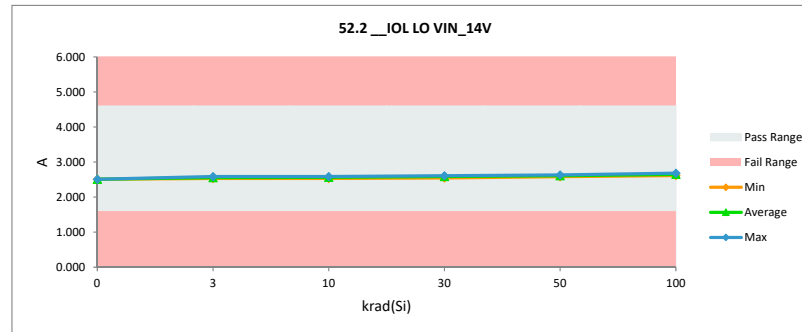
52.2 __IOL LO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	A	A
Max Limit	4.6	4.6
Min Limit	1.6	1.6

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	248	2.509	2.509	0.000
3	58	2.564	2.571	0.007
3	59	2.532	2.549	0.017
3	60	2.525	2.537	0.013
3	61	2.568	2.578	0.010
3	62	2.562	2.584	0.022
3	134	2.536	2.532	-0.004
3	137	2.517	2.531	0.014
3	138	2.508	2.537	0.029
3	139	2.527	2.554	0.027
3	236	2.542	2.555	0.013
10	63	2.517	2.543	0.026
10	64	2.533	2.571	0.038
10	65	2.532	2.564	0.032
10	66	2.544	2.576	0.032
10	150	2.515	2.562	0.047
10	237	2.521	2.559	0.038
10	241	2.527	2.533	0.006
10	242	2.528	2.568	0.039
10	243	2.542	2.585	0.043
10	244	2.510	2.554	0.045
30	141	2.547	2.608	0.061
30	144	2.534	2.595	0.061
30	145	2.533	2.599	0.067
30	146	2.532	2.596	0.064
30	147	2.526	2.593	0.067
30	132	2.516	2.566	0.050
30	133	2.491	2.545	0.054
30	135	2.528	2.571	0.043
30	245	2.532	2.590	0.058
30	246	2.528	2.580	0.052
50	67	2.532	2.607	0.075
50	68	2.572	2.600	0.028
50	69	2.536	2.608	0.073
50	71	2.561	2.630	0.069
50	72	2.537	2.616	0.079
50	172	2.509	2.582	0.073
50	173	2.535	2.608	0.073
50	174	2.533	2.606	0.073
50	183	2.544	2.612	0.069
50	186	2.538	2.616	0.078
100	95	2528.900	2.643	-2526.257
100	102	2556.100	2.680	-2553.420
100	104	2565.200	2.682	-2562.518
100	105	2549.800	2.665	-2547.135
100	106	2548.200	2.665	-2545.535
100	178	2.533	2.632	0.099
100	179	2.538	2.645	0.107
100	180	2.517	2.619	0.102
100	181	2.512	2.618	0.105
100	182	2.545	2.649	0.104
Max		2565.200	2.682	0.107
Average		252.248	2.590	-249.659
Min		2.491	2.509	-2562.518
Std Dev		764.974	0.041	764.948



52.2 __IOL LO VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4.6	A
Min Limit	1.6	A

krad(Si)	0	3	10	30	50	100
LL	1.600	1.600	1.600	1.600	1.600	1.600
Min	2.509	2.531	2.533	2.545	2.583	2.618
Average	2.509	2.553	2.561	2.584	2.609	2.650
Max	2.509	2.584	2.585	2.608	2.630	2.682
UL	4.600	4.600	4.600	4.600	4.600	4.600

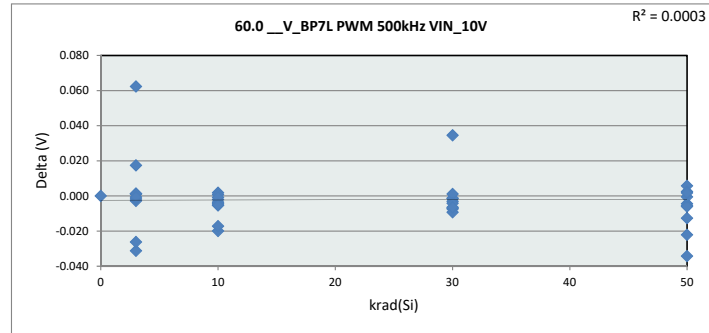


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TPS7H6003-SP (5962R2220101VXC)

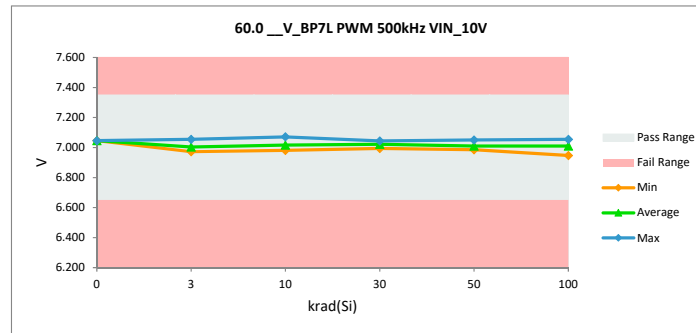
60.0 __V_BP7L PWM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.046	7.046	0.000
3	58	7.053	7.054	0.001
3	59	7.010	7.012	0.001
3	60	6.984	6.985	0.001
3	61	6.995	6.992	-0.003
3	62	6.974	6.973	-0.002
3	134	7.043	7.012	-0.031
3	137	6.950	7.012	0.062
3	138	7.038	7.012	-0.026
3	139	6.986	6.985	-0.001
3	236	6.983	7.000	0.017
10	63	6.985	6.981	-0.003
10	64	7.008	7.003	-0.004
10	65	7.034	7.036	0.002
10	66	7.030	7.028	-0.002
10	150	7.027	7.022	-0.005
10	237	7.020	7.001	-0.020
10	241	7.029	7.012	-0.017
10	242	7.002	7.003	0.001
10	243	7.004	7.003	-0.001
10	244	7.076	7.071	-0.005
30	141	7.044	7.041	-0.003
30	144	6.998	6.996	-0.002
30	145	7.040	7.039	-0.001
30	146	7.017	7.010	-0.007
30	147	7.021	7.014	-0.007
30	132	7.043	7.044	0.001
30	133	7.042	7.032	-0.009
30	135	7.004	7.038	0.035
30	245	6.998	6.994	-0.004
30	246	7.014	7.007	-0.006
50	67	7.044	7.040	-0.004
50	68	7.007	6.985	-0.022
50	69	7.044	7.050	0.006
50	71	6.991	6.985	-0.006
50	72	7.007	7.001	-0.006
50	172	7.024	6.990	-0.034
50	173	7.036	7.024	-0.013
50	174	7.012	7.015	0.002
50	183	7.019	7.018	-0.001
50	186	6.987	6.989	0.002
100	95	7.002	7.028	0.026
100	102	6.955	6.948	-0.007
100	104	7.036	7.022	-0.014
100	105	7.023	6.997	-0.025
100	106	6.947	6.947	-0.001
100	178	7.053	7.036	-0.017
100	179	6.988	7.032	0.045
100	180	7.023	7.010	-0.012
100	181	7.027	7.016	-0.011
100	182	7.029	7.055	0.026
Max		7.076	7.071	0.062
Average		7.015	7.013	-0.002
Min		6.947	6.947	-0.034
Std Dev		0.027	0.026	0.017



60.0 __V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.046	6.973	6.981	6.994	6.985	6.947
Average	7.046	7.004	7.016	7.022	7.010	7.009
Max	7.046	7.054	7.071	7.044	7.050	7.055
UL	7.350	7.350	7.350	7.350	7.350	7.350

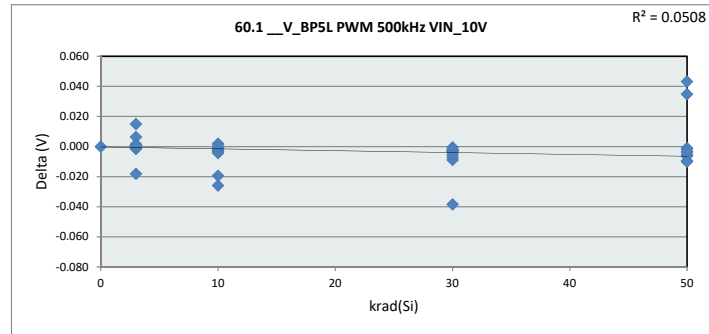


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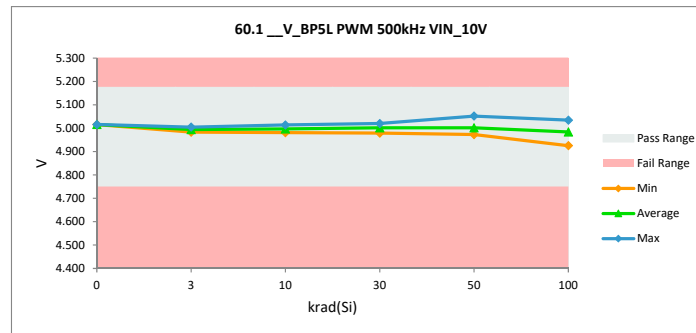
60.1 __V_BP5L PWM 500kHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.016	5.016	0.000
3	58	4.991	4.991	0.000
3	59	4.982	4.983	0.000
3	60	4.994	4.994	0.000
3	61	4.993	4.991	-0.001
3	62	5.004	5.005	0.001
3	134	4.989	4.995	0.006
3	137	4.980	4.995	0.015
3	138	4.997	4.995	-0.001
3	139	4.999	5.000	0.002
3	236	5.007	4.989	-0.018
10	63	5.004	5.001	-0.003
10	64	4.989	4.988	0.000
10	65	5.016	5.014	-0.002
10	66	5.003	5.001	-0.002
10	150	4.995	4.991	-0.004
10	237	5.015	4.989	-0.026
10	241	5.015	4.995	-0.019
10	242	4.981	4.981	0.000
10	243	5.004	5.006	0.002
10	244	4.999	5.000	0.001
30	141	5.003	5.000	-0.003
30	144	5.014	5.014	-0.001
30	145	5.012	5.008	-0.004
30	146	4.993	4.984	-0.009
30	147	5.023	5.020	-0.002
30	132	4.993	4.990	-0.003
30	133	5.007	5.005	-0.002
30	135	5.017	4.979	-0.038
30	245	5.005	4.998	-0.007
30	246	5.020	5.015	-0.005
50	67	4.983	4.977	-0.005
50	68	4.988	5.023	0.035
50	69	5.009	5.003	-0.006
50	71	5.001	5.000	-0.001
50	72	5.001	4.991	-0.010
50	172	5.009	5.052	0.043
50	173	4.983	4.973	-0.010
50	174	5.011	5.008	-0.004
50	183	5.006	5.004	-0.002
50	186	4.990	4.987	-0.003
100	95	4.996	4.977	-0.019
100	102	5.004	5.001	-0.003
100	104	4.991	4.969	-0.023
100	105	4.988	5.034	0.046
100	106	4.997	4.925	-0.071
100	178	5.012	5.015	0.003
100	179	4.986	4.964	-0.022
100	180	5.017	4.950	-0.068
100	181	5.000	4.987	-0.013
100	182	5.008	5.015	0.007
Max		5.023	5.052	0.046
Average		5.001	4.996	-0.005
Min		4.980	4.925	-0.071
Std Dev		0.011	0.020	0.019



60.1 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.983	4.981	4.979	4.973	4.925
Average	5.016	4.994	4.997	5.001	5.002	4.984
Max	5.016	5.005	5.014	5.020	5.052	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

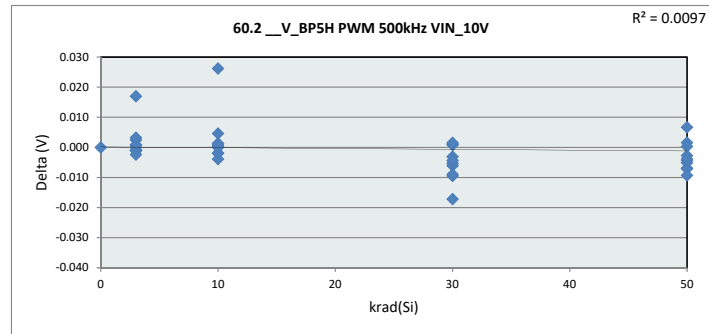


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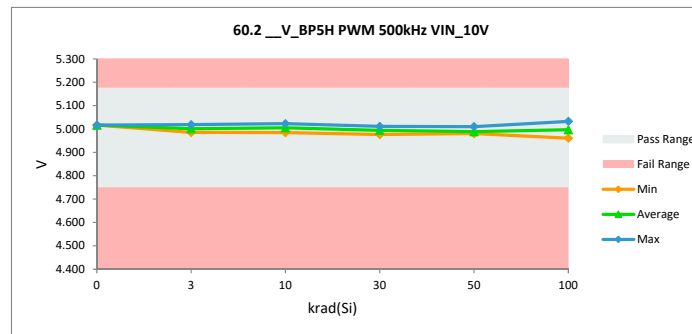
60.2 __V_BP5H PWM 500kHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.019	5.019	-0.001
3	59	5.006	5.005	-0.001
3	60	4.999	4.999	0.000
3	61	4.993	4.992	-0.001
3	62	4.986	4.985	-0.001
3	134	4.999	5.001	0.003
3	137	5.004	5.002	-0.002
3	138	4.984	5.002	0.017
3	139	4.994	4.995	0.001
3	236	5.004	5.008	0.003
10	63	4.986	4.984	-0.002
10	64	5.000	5.001	0.001
10	65	5.019	5.020	0.001
10	66	4.990	4.986	-0.004
10	150	5.006	5.004	-0.002
10	237	4.981	5.008	0.026
10	241	4.997	5.001	0.005
10	242	5.021	5.023	0.001
10	243	5.020	5.020	0.000
10	244	5.002	5.003	0.000
30	141	5.009	5.009	0.001
30	144	4.982	4.976	-0.006
30	145	5.011	5.006	-0.005
30	146	4.993	4.984	-0.010
30	147	4.996	4.993	-0.003
30	132	5.008	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.004	4.987	-0.017
30	245	5.010	5.011	0.002
30	246	4.981	4.977	-0.004
50	67	5.009	5.010	0.002
50	68	4.998	5.005	0.007
50	69	4.988	4.983	-0.005
50	71	4.989	4.986	-0.003
50	72	4.982	4.982	0.000
50	172	4.992	4.985	-0.007
50	173	4.990	4.983	-0.007
50	174	5.000	4.991	-0.009
50	183	4.984	4.980	-0.004
50	186	4.986	4.983	-0.004
100	95	4.986	4.976	-0.011
100	102	4.983	4.989	0.006
100	104	5.004	5.023	0.019
100	105	4.998	5.018	0.021
100	106	4.989	4.961	-0.028
100	178	4.993	4.985	-0.008
100	179	4.996	4.992	-0.003
100	180	4.990	4.991	0.000
100	181	5.020	4.997	-0.023
100	182	5.010	5.033	0.023
Max		5.021	5.033	0.026
Average		4.998	4.997	-0.001
Min		4.981	4.961	-0.028
Std Dev		0.012	0.015	0.010



60.2 __V_BP5H PWM 500kHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.985	4.984	4.976	4.980	4.961
Average	5.017	5.001	5.005	4.994	4.989	4.996
Max	5.017	5.019	5.023	5.011	5.010	5.033
UL	5.175	5.175	5.175	5.175	5.175	5.175

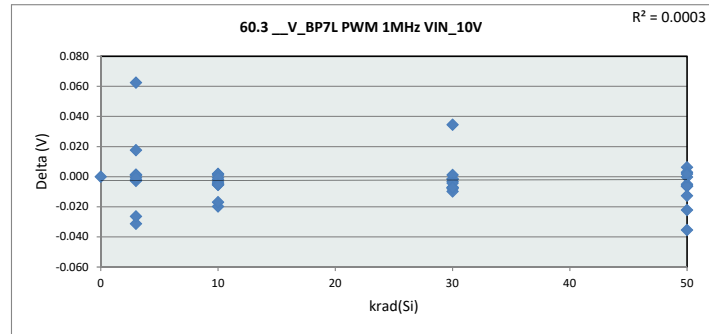


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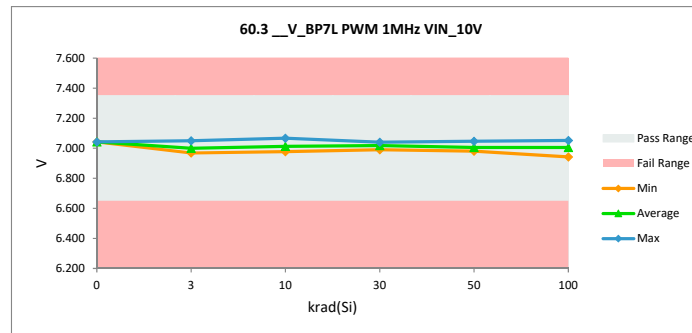
60.3 V_BP7L PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.042	7.042	0.000
3	58	7.048	7.050	0.001
3	59	7.006	7.007	0.001
3	60	6.980	6.981	0.001
3	61	6.991	6.988	-0.003
3	62	6.970	6.968	-0.002
3	134	7.039	7.008	-0.031
3	137	6.945	7.008	0.063
3	138	7.034	7.008	-0.026
3	139	6.982	6.981	-0.001
3	236	6.978	6.996	0.018
10	63	6.981	6.977	-0.003
10	64	7.004	6.999	-0.005
10	65	7.030	7.032	0.002
10	66	7.025	7.023	-0.002
10	150	7.023	7.017	-0.005
10	237	7.016	6.996	-0.020
10	241	7.024	7.008	-0.017
10	242	6.998	6.999	0.001
10	243	6.999	6.999	-0.001
10	244	7.072	7.067	-0.005
30	141	7.039	7.036	-0.003
30	144	6.994	6.992	-0.002
30	145	7.036	7.035	-0.002
30	146	7.013	7.005	-0.008
30	147	7.016	7.009	-0.007
30	132	7.039	7.040	0.001
30	133	7.037	7.028	-0.010
30	135	6.999	7.034	0.034
30	245	6.994	6.990	-0.004
30	246	7.009	7.002	-0.007
50	67	7.040	7.035	-0.005
50	68	7.002	6.980	-0.022
50	69	7.040	7.047	0.006
50	71	6.987	6.981	-0.006
50	72	7.002	6.996	-0.006
50	172	7.020	6.985	-0.035
50	173	7.032	7.019	-0.013
50	174	7.008	7.011	0.003
50	183	7.015	7.014	0.000
50	186	6.983	6.985	0.002
100	95	6.997	7.024	0.027
100	102	6.951	6.943	-0.008
100	104	7.032	7.017	-0.015
100	105	7.018	6.992	-0.026
100	106	6.943	6.942	-0.001
100	178	7.048	7.031	-0.017
100	179	6.984	7.029	0.045
100	180	7.018	7.006	-0.013
100	181	7.023	7.012	-0.011
100	182	7.025	7.052	0.027
Max		7.072	7.067	0.063
Average		7.010	7.008	-0.002
Min		6.943	6.942	-0.035
Std Dev		0.027	0.026	0.017



60.3 V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.042	6.968	6.977	6.990	6.980	6.942
Average	7.042	6.999	7.012	7.017	7.005	7.005
Max	7.042	7.050	7.067	7.040	7.047	7.052
UL	7.350	7.350	7.350	7.350	7.350	7.350

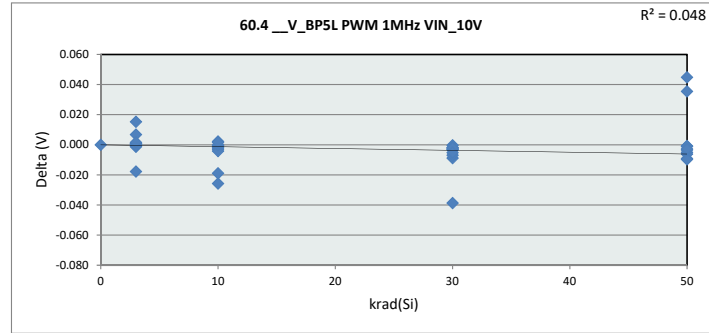


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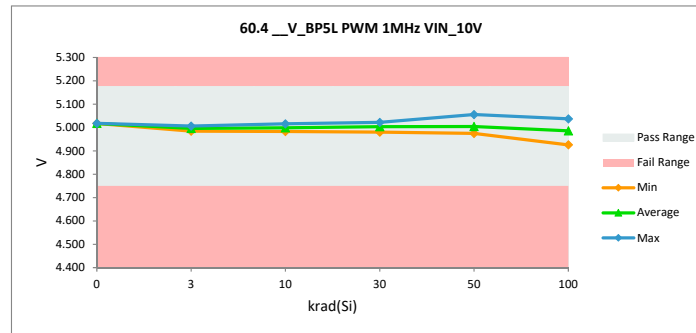
60.4 __V_BP5L PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	4.993	4.993	0.000
3	59	4.984	4.984	0.000
3	60	4.996	4.996	0.000
3	61	4.995	4.993	-0.001
3	62	5.005	5.006	0.001
3	134	4.990	4.997	0.007
3	137	4.982	4.997	0.015
3	138	4.998	4.997	-0.001
3	139	5.000	5.002	0.002
3	236	5.008	4.991	-0.018
10	63	5.005	5.003	-0.003
10	64	4.990	4.990	0.000
10	65	5.017	5.016	-0.002
10	66	5.005	5.003	-0.002
10	150	4.997	4.993	-0.004
10	237	5.016	4.991	-0.026
10	241	5.016	4.997	-0.019
10	242	4.983	4.983	0.000
10	243	5.005	5.008	0.002
10	244	5.000	5.002	0.002
30	141	5.005	5.002	-0.003
30	144	5.016	5.015	0.000
30	145	5.013	5.010	-0.003
30	146	4.995	4.986	-0.009
30	147	5.024	5.022	-0.002
30	132	4.995	4.992	-0.002
30	133	5.009	5.007	-0.002
30	135	5.019	4.980	-0.039
30	245	5.006	5.000	-0.007
30	246	5.021	5.016	-0.005
50	67	4.984	4.979	-0.005
50	68	4.990	5.025	0.036
50	69	5.011	5.005	-0.006
50	71	5.003	5.002	-0.001
50	72	5.002	4.993	-0.009
50	172	5.011	5.056	0.045
50	173	4.984	4.975	-0.010
50	174	5.013	5.010	-0.003
50	183	5.007	5.006	-0.001
50	186	4.992	4.989	-0.003
100	95	4.998	4.979	-0.019
100	102	5.006	5.003	-0.002
100	104	4.993	4.970	-0.023
100	105	4.990	5.037	0.047
100	106	4.998	4.926	-0.072
100	178	5.014	5.018	0.004
100	179	4.988	4.965	-0.023
100	180	5.019	4.951	-0.068
100	181	5.002	4.990	-0.012
100	182	5.010	5.017	0.008
Max		5.024	5.056	0.047
Average		5.002	4.998	-0.005
Min		4.982	4.926	-0.072
Std Dev		0.011	0.020	0.020



60.4 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.984	4.983	4.980	4.975	4.926
Average	5.018	4.996	4.998	5.003	5.004	4.986
Max	5.018	5.006	5.016	5.022	5.056	5.037
UL	5.175	5.175	5.175	5.175	5.175	5.175

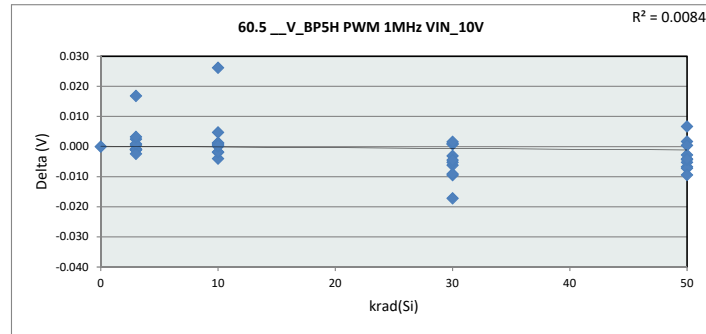


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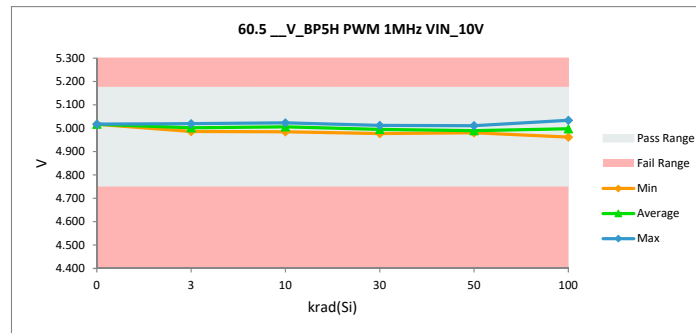
60.5 __V_BP5H PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.020	5.019	-0.001
3	59	5.007	5.006	-0.001
3	60	4.999	5.000	0.001
3	61	4.993	4.992	-0.001
3	62	4.987	4.986	-0.001
3	134	5.000	5.002	0.003
3	137	5.004	5.002	-0.002
3	138	4.985	5.002	0.017
3	139	4.995	4.996	0.001
3	236	5.005	5.008	0.003
10	63	4.987	4.985	-0.002
10	64	5.001	5.002	0.001
10	65	5.020	5.020	0.001
10	66	4.991	4.987	-0.004
10	150	5.006	5.005	-0.002
10	237	4.982	5.008	0.026
10	241	4.997	5.002	0.005
10	242	5.022	5.023	0.001
10	243	5.021	5.021	0.000
10	244	5.003	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.983	4.977	-0.006
30	145	5.011	5.006	-0.005
30	146	4.994	4.984	-0.010
30	147	4.997	4.994	-0.003
30	132	5.009	5.000	-0.009
30	133	4.998	4.999	0.001
30	135	5.005	4.988	-0.017
30	245	5.010	5.011	0.002
30	246	4.982	4.977	-0.004
50	67	5.009	5.011	0.002
50	68	4.999	5.005	0.007
50	69	4.989	4.984	-0.005
50	71	4.990	4.987	-0.003
50	72	4.982	4.983	0.000
50	172	4.992	4.986	-0.007
50	173	4.991	4.984	-0.007
50	174	5.001	4.991	-0.009
50	183	4.985	4.981	-0.004
50	186	4.987	4.983	-0.004
100	95	4.987	4.977	-0.010
100	102	4.984	4.990	0.006
100	104	5.005	5.024	0.019
100	105	4.998	5.019	0.021
100	106	4.990	4.962	-0.028
100	178	4.993	4.985	-0.008
100	179	4.996	4.993	-0.003
100	180	4.991	4.991	0.000
100	181	5.021	4.997	-0.024
100	182	5.011	5.034	0.023
Max		5.022	5.034	0.026
Average		4.999	4.998	-0.001
Min		4.982	4.962	-0.028
Std Dev		0.011	0.015	0.010



60.5 __V_BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.986	4.985	4.977	4.981	4.962
Average	5.017	5.001	5.006	4.995	4.989	4.997
Max	5.017	5.019	5.023	5.012	5.011	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

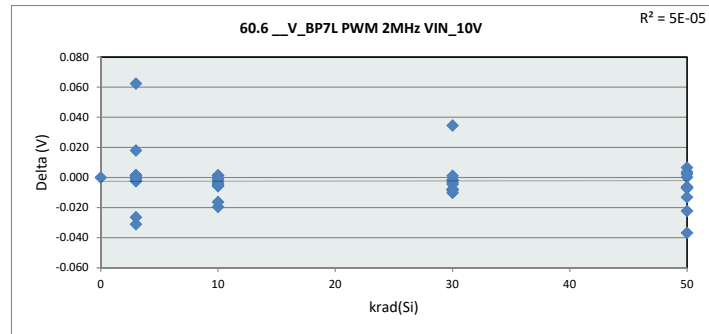


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TPS7H6003-SP (5962R2220101VXC)

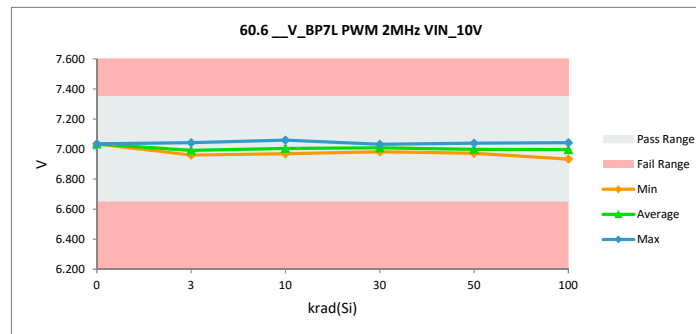
60.6 V BP7L PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.034	7.034	0.000
3	58	7.040	7.042	0.002
3	59	6.998	6.999	0.001
3	60	6.971	6.973	0.001
3	61	6.983	6.980	-0.003
3	62	6.962	6.960	-0.002
3	134	7.031	7.000	-0.031
3	137	6.938	7.000	0.062
3	138	7.026	7.000	-0.026
3	139	6.974	6.973	0.000
3	236	6.970	6.988	0.018
10	63	6.973	6.969	-0.004
10	64	6.996	6.991	-0.005
10	65	7.021	7.023	0.002
10	66	7.016	7.014	-0.002
10	150	7.014	7.008	-0.006
10	237	7.008	6.988	-0.020
10	241	7.016	7.000	-0.016
10	242	6.990	6.991	0.001
10	243	6.991	6.990	-0.001
10	244	7.064	7.059	-0.005
30	141	7.031	7.027	-0.003
30	144	6.985	6.984	-0.002
30	145	7.028	7.026	-0.002
30	146	7.005	6.997	-0.009
30	147	7.008	7.000	-0.008
30	132	7.030	7.032	0.001
30	133	7.029	7.019	-0.010
30	135	6.991	7.025	0.035
30	245	6.986	6.981	-0.004
30	246	7.000	6.992	-0.008
50	67	7.032	7.026	-0.006
50	68	6.994	6.971	-0.022
50	69	7.032	7.039	0.007
50	71	6.978	6.971	-0.007
50	72	6.994	6.987	-0.007
50	172	7.012	6.975	-0.037
50	173	7.023	7.010	-0.013
50	174	6.999	7.003	0.004
50	183	7.007	7.007	0.000
50	186	6.975	6.977	0.002
100	95	6.989	7.015	0.026
100	102	6.942	6.934	-0.009
100	104	7.023	7.008	-0.015
100	105	7.010	6.983	-0.027
100	106	6.935	6.933	-0.002
100	178	7.039	7.022	-0.017
100	179	6.976	7.022	0.047
100	180	7.010	6.997	-0.013
100	181	7.015	7.004	-0.010
100	182	7.017	7.042	0.026
Max		7.064	7.059	0.062
Average		7.002	7.000	-0.002
Min		6.935	6.933	-0.037
Std Dev		0.027	0.026	0.017



60.6 V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.034	6.960	6.969	6.981	6.971	6.933
Average	7.034	6.991	7.003	7.008	6.997	6.996
Max	7.034	7.042	7.059	7.032	7.039	7.042
UL	7.350	7.350	7.350	7.350	7.350	7.350

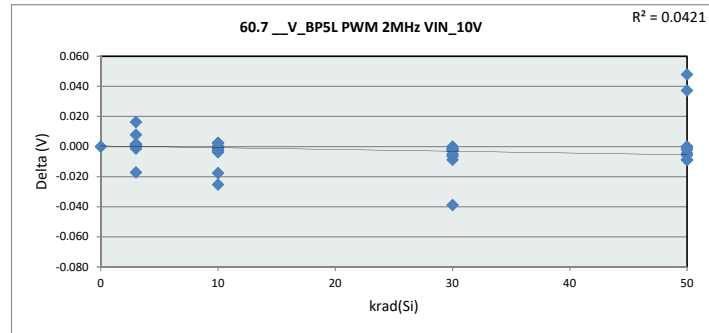


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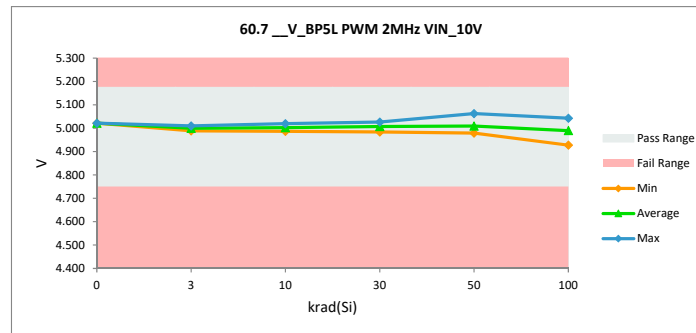
60.7 __V_BP5L PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.021	5.021	0.000
3	58	4.996	4.997	0.001
3	59	4.988	4.988	0.001
3	60	5.000	5.000	0.000
3	61	4.999	4.998	-0.001
3	62	5.009	5.010	0.001
3	134	4.994	5.002	0.008
3	137	4.985	5.002	0.016
3	138	5.002	5.002	0.000
3	139	5.004	5.006	0.002
3	236	5.012	4.995	-0.017
10	63	5.009	5.006	-0.003
10	64	4.993	4.993	0.000
10	65	5.020	5.019	-0.001
10	66	5.009	5.007	-0.002
10	150	5.001	4.997	-0.004
10	237	5.020	4.994	-0.025
10	241	5.019	5.002	-0.018
10	242	4.986	4.987	0.000
10	243	5.009	5.011	0.002
10	244	5.004	5.006	0.002
30	141	5.009	5.006	-0.002
30	144	5.019	5.019	0.000
30	145	5.016	5.013	-0.003
30	146	4.998	4.989	-0.009
30	147	5.027	5.026	-0.001
30	132	4.998	4.997	-0.002
30	133	5.012	5.011	-0.002
30	135	5.022	4.984	-0.039
30	245	5.010	5.004	-0.006
30	246	5.024	5.019	-0.005
50	67	4.988	4.983	-0.004
50	68	4.993	5.031	0.037
50	69	5.015	5.009	-0.006
50	71	5.007	5.006	0.000
50	72	5.005	4.997	-0.009
50	172	5.015	5.063	0.048
50	173	4.988	4.979	-0.009
50	174	5.017	5.015	-0.002
50	183	5.011	5.011	0.000
50	186	4.995	4.994	-0.002
100	95	5.001	4.983	-0.018
100	102	5.009	5.007	-0.002
100	104	4.996	4.974	-0.022
100	105	4.993	5.043	0.049
100	106	5.001	4.927	-0.074
100	178	5.018	5.024	0.006
100	179	4.991	4.969	-0.022
100	180	5.022	4.953	-0.069
100	181	5.005	4.994	-0.011
100	182	5.013	5.022	0.009
Max		5.027	5.063	0.049
Average		5.006	5.002	-0.004
Min		4.985	4.927	-0.074
Std Dev		0.011	0.021	0.020



60.7 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.021	4.988	4.987	4.984	4.979	4.928
Average	5.021	5.000	5.002	5.007	5.009	4.990
Max	5.021	5.010	5.019	5.026	5.063	5.043
UL	5.175	5.175	5.175	5.175	5.175	5.175

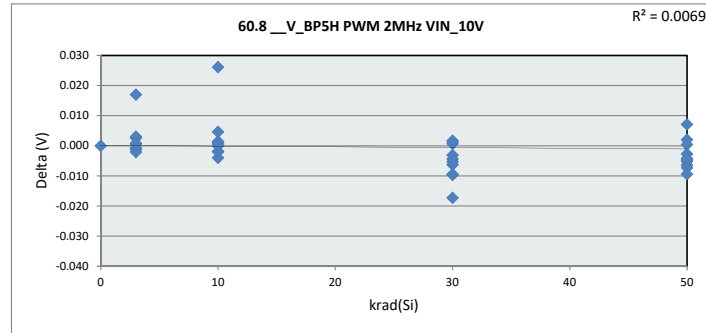


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TPS7H6003-SP (5962R2220101VXC)

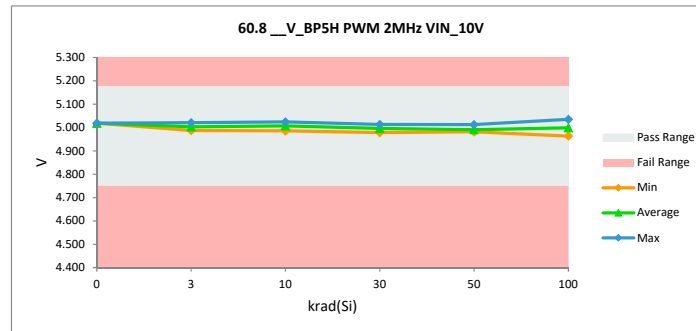
60.8 V BP5H PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.018	5.018	0.000
3	58	5.021	5.021	-0.001
3	59	5.008	5.007	-0.001
3	60	5.001	5.001	0.001
3	61	4.995	4.994	-0.001
3	62	4.988	4.987	-0.001
3	134	5.001	5.003	0.003
3	137	5.006	5.004	-0.002
3	138	4.986	5.003	0.017
3	139	4.996	4.997	0.001
3	236	5.006	5.009	0.003
10	63	4.988	4.986	-0.002
10	64	5.002	5.003	0.001
10	65	5.021	5.022	0.001
10	66	4.992	4.988	-0.004
10	150	5.008	5.006	-0.002
10	237	4.983	5.009	0.026
10	241	4.999	5.003	0.005
10	242	5.023	5.024	0.001
10	243	5.022	5.022	0.000
10	244	5.004	5.004	0.000
30	141	5.010	5.011	0.001
30	144	4.984	4.978	-0.006
30	145	5.013	5.008	-0.005
30	146	4.995	4.986	-0.010
30	147	4.998	4.995	-0.003
30	132	5.010	5.001	-0.009
30	133	4.999	5.001	0.001
30	135	5.006	4.989	-0.017
30	245	5.011	5.013	0.002
30	246	4.983	4.979	-0.004
50	67	5.010	5.012	0.002
50	68	5.000	5.007	0.007
50	69	4.990	4.985	-0.005
50	71	4.991	4.988	-0.003
50	72	4.984	4.984	0.000
50	172	4.994	4.987	-0.006
50	173	4.992	4.985	-0.007
50	174	5.002	4.993	-0.009
50	183	4.986	4.982	-0.005
50	186	4.989	4.984	-0.004
100	95	4.988	4.978	-0.010
100	102	4.985	4.991	0.006
100	104	5.006	5.026	0.020
100	105	4.999	5.021	0.022
100	106	4.991	4.963	-0.028
100	178	4.994	4.987	-0.008
100	179	4.997	4.994	-0.003
100	180	4.992	4.992	0.000
100	181	5.022	4.998	-0.024
100	182	5.012	5.035	0.023
Max		5.023	5.035	0.026
Average		5.000	4.999	-0.001
Min		4.983	4.963	-0.028
Std Dev		0.011	0.015	0.010



60.8 V BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.987	4.986	4.978	4.982	4.963
Average	5.018	5.003	5.007	4.996	4.991	4.999
Max	5.018	5.021	5.024	5.013	5.012	5.035
UL	5.175	5.175	5.175	5.175	5.175	5.175

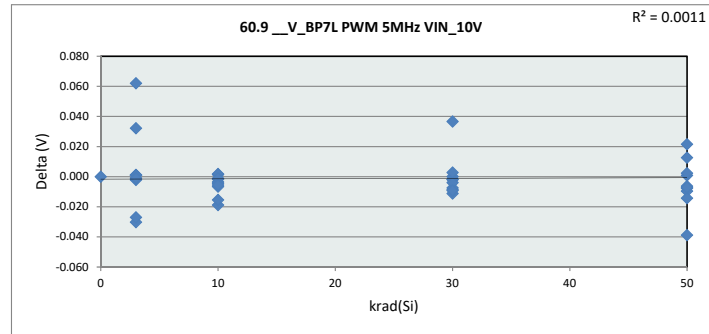


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TPS7H6003-SP (5962R2220101VXC)

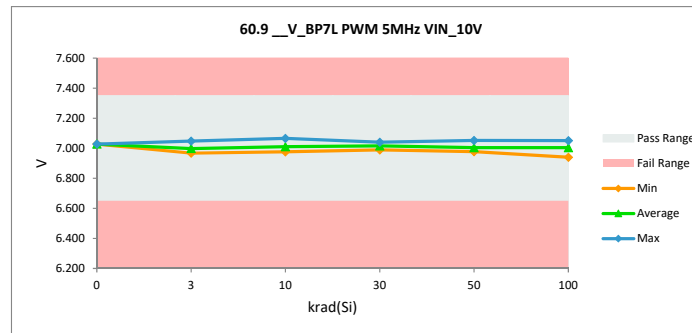
60.9 _V_BP7L PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.028	7.028	0.000
3	58	7.047	7.048	0.001
3	59	7.004	7.005	0.001
3	60	6.978	6.979	0.001
3	61	6.992	6.990	-0.002
3	62	6.969	6.968	-0.002
3	134	7.036	7.006	-0.030
3	137	6.944	7.006	0.062
3	138	7.033	7.006	-0.027
3	139	6.980	6.979	-0.001
3	236	6.962	6.994	0.032
10	63	6.979	6.976	-0.003
10	64	7.003	6.998	-0.004
10	65	7.028	7.029	0.001
10	66	7.024	7.023	-0.002
10	150	7.019	7.013	-0.007
10	237	7.013	6.994	-0.019
10	241	7.021	7.006	-0.015
10	242	6.996	6.998	0.002
10	243	6.999	6.998	-0.001
10	244	7.071	7.065	-0.005
30	141	7.038	7.036	-0.002
30	144	6.991	6.991	0.000
30	145	7.035	7.034	-0.002
30	146	7.012	7.003	-0.009
30	147	7.015	7.008	-0.007
30	132	7.037	7.040	0.003
30	133	7.035	7.023	-0.011
30	135	6.997	7.033	0.037
30	245	6.992	6.988	-0.004
30	246	7.006	6.997	-0.009
50	67	7.040	7.032	-0.008
50	68	6.984	6.978	-0.006
50	69	7.039	7.052	0.013
50	71	6.987	6.977	-0.010
50	72	7.002	6.995	-0.007
50	172	7.016	6.977	-0.039
50	173	7.030	7.016	-0.014
50	174	6.991	7.012	0.022
50	183	7.013	7.014	0.001
50	186	6.982	6.984	0.002
100	95	6.996	7.027	0.031
100	102	6.949	6.940	-0.009
100	104	7.030	7.013	-0.016
100	105	7.018	6.989	-0.029
100	106	6.942	6.941	-0.001
100	178	7.047	7.028	-0.018
100	179	6.983	7.034	0.051
100	180	7.008	7.003	-0.004
100	181	7.021	7.011	-0.010
100	182	7.024	7.051	0.027
Max		7.071	7.065	0.062
Average		7.008	7.007	-0.001
Min		6.942	6.940	-0.039
Std Dev		0.028	0.026	0.019



60.9 _V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.028	6.968	6.976	6.988	6.977	6.940
Average	7.028	6.998	7.010	7.015	7.004	7.004
Max	7.028	7.048	7.065	7.040	7.052	7.051
UL	7.350	7.350	7.350	7.350	7.350	7.350

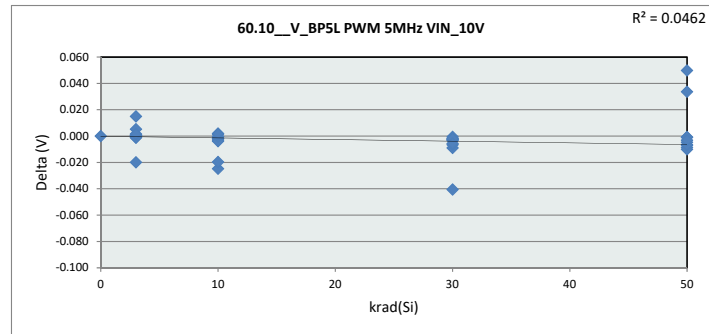


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TPS7H6003-SP (5962R2220101VXC)

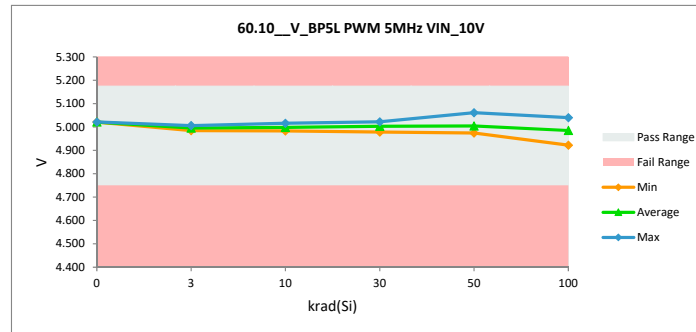
60.10_V_BP5L PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.021	5.021	0.000
3	58	4.993	4.994	0.001
3	59	4.984	4.984	0.001
3	60	4.996	4.996	0.000
3	61	4.994	4.993	-0.001
3	62	5.005	5.006	0.001
3	134	4.991	4.997	0.005
3	137	4.982	4.997	0.015
3	138	4.998	4.997	-0.001
3	139	5.001	5.002	0.002
3	236	5.011	4.991	-0.020
10	63	5.005	5.002	-0.003
10	64	4.990	4.990	0.000
10	65	5.017	5.016	-0.002
10	66	5.004	5.002	-0.002
10	150	4.997	4.993	-0.004
10	237	5.016	4.991	-0.025
10	241	5.016	4.997	-0.020
10	242	4.983	4.983	0.000
10	243	5.005	5.007	0.002
10	244	5.001	5.002	0.001
30	141	5.004	5.001	-0.003
30	144	5.016	5.015	-0.001
30	145	5.013	5.010	-0.003
30	146	4.995	4.986	-0.009
30	147	5.024	5.022	-0.002
30	132	4.996	4.993	-0.003
30	133	5.009	5.007	-0.002
30	135	5.019	4.978	-0.041
30	245	5.006	5.000	-0.007
30	246	5.022	5.016	-0.006
50	67	4.984	4.979	-0.005
50	68	4.992	5.026	0.034
50	69	5.012	5.005	-0.007
50	71	5.002	5.002	-0.001
50	72	5.002	4.994	-0.009
50	172	5.011	5.061	0.050
50	173	4.984	4.974	-0.010
50	174	5.016	5.010	-0.007
50	183	5.007	5.006	-0.001
50	186	4.992	4.989	-0.003
100	95	4.998	4.978	-0.020
100	102	5.006	5.004	-0.002
100	104	4.993	4.970	-0.023
100	105	4.990	5.040	0.050
100	106	4.998	4.922	-0.076
100	178	5.014	5.019	0.005
100	179	4.987	4.963	-0.025
100	180	5.018	4.948	-0.071
100	181	5.002	4.989	-0.013
100	182	5.010	5.018	0.008
Max		5.024	5.061	0.050
Average		5.003	4.998	-0.005
Min		4.982	4.922	-0.076
Std Dev		0.011	0.022	0.021



60.10_V_BP5L PWM 5MHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.021	4.984	4.983	4.978	4.974	4.922
Average	5.021	4.996	4.998	5.003	5.005	4.985
Max	5.021	5.006	5.016	5.022	5.061	5.040
UL	5.175	5.175	5.175	5.175	5.175	5.175

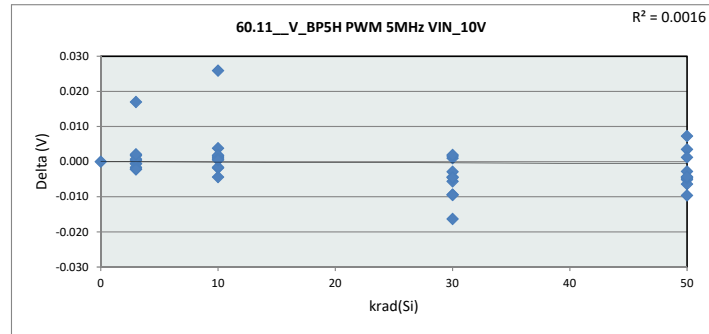


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

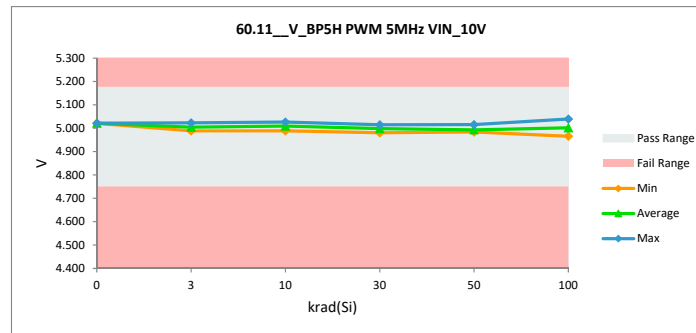
60.11_V_BP5H PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.021	5.021	0.000
3	58	5.023	5.023	-0.001
3	59	5.009	5.009	0.000
3	60	5.003	5.003	0.000
3	61	4.997	4.995	-0.002
3	62	4.990	4.989	-0.002
3	134	5.003	5.005	0.002
3	137	5.007	5.005	-0.002
3	138	4.988	5.005	0.017
3	139	4.997	4.998	0.001
3	236	5.009	5.011	0.002
10	63	4.990	4.988	-0.002
10	64	5.003	5.005	0.002
10	65	5.023	5.024	0.001
10	66	4.995	4.990	-0.004
10	150	5.010	5.008	-0.002
10	237	4.985	5.011	0.026
10	241	5.001	5.005	0.004
10	242	5.024	5.026	0.002
10	243	5.023	5.024	0.001
10	244	5.006	5.006	0.001
30	141	5.012	5.013	0.001
30	144	4.986	4.980	-0.006
30	145	5.014	5.010	-0.004
30	146	4.997	4.988	-0.009
30	147	4.999	4.996	-0.003
30	132	5.012	5.002	-0.010
30	133	5.001	5.003	0.002
30	135	5.007	4.990	-0.016
30	245	5.013	5.015	0.002
30	246	4.985	4.981	-0.004
50	67	5.012	5.015	0.003
50	68	5.002	5.009	0.007
50	69	4.992	4.988	-0.005
50	71	4.993	4.990	-0.003
50	72	4.985	4.986	0.001
50	172	4.996	4.990	-0.005
50	173	4.993	4.987	-0.006
50	174	5.005	4.995	-0.010
50	183	4.989	4.984	-0.005
50	186	4.991	4.987	-0.004
100	95	4.990	4.980	-0.010
100	102	4.987	4.995	0.008
100	104	5.008	5.030	0.022
100	105	5.001	5.024	0.023
100	106	4.993	4.966	-0.027
100	178	4.996	4.989	-0.007
100	179	4.999	4.996	-0.003
100	180	4.994	4.995	0.001
100	181	5.023	4.999	-0.024
100	182	5.013	5.040	0.026
Max		5.024	5.040	0.026
Average		5.002	5.001	0.000
Min		4.985	4.966	-0.027
Std Dev		0.011	0.015	0.010



60.11_V_BP5H PW		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.021	4.989	4.988	4.980	4.984	4.966
Average	5.021	5.004	5.009	4.998	4.993	5.001
Max	5.021	5.023	5.026	5.015	5.015	5.040
UL	5.175	5.175	5.175	5.175	5.175	5.175

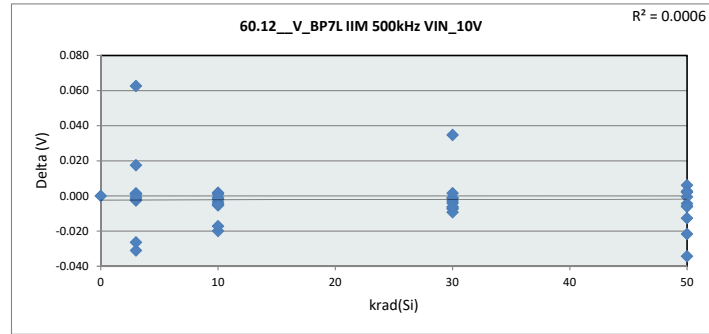


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TPS7H6003-SP (5962R2220101VXC)

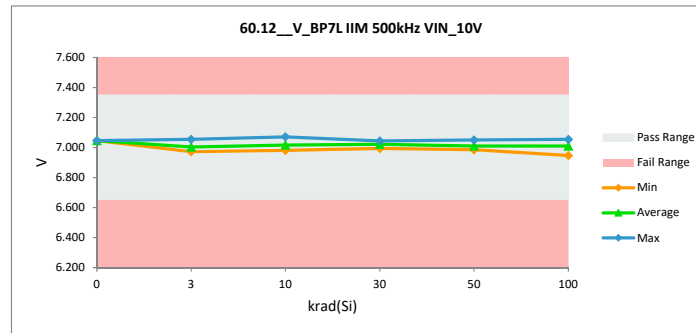
60.12_V_BP7L IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.046	7.046	0.000
3	58	7.053	7.054	0.001
3	59	7.010	7.012	0.001
3	60	6.984	6.985	0.001
3	61	6.995	6.992	-0.003
3	62	6.974	6.972	-0.002
3	134	7.043	7.012	-0.031
3	137	6.949	7.012	0.063
3	138	7.038	7.011	-0.026
3	139	6.986	6.985	-0.001
3	236	6.983	7.000	0.017
10	63	6.984	6.981	-0.003
10	64	7.008	7.003	-0.004
10	65	7.034	7.036	0.002
10	66	7.029	7.027	-0.002
10	150	7.027	7.022	-0.005
10	237	7.020	7.000	-0.020
10	241	7.029	7.012	-0.017
10	242	7.002	7.003	0.001
10	243	7.004	7.003	-0.001
10	244	7.076	7.071	-0.005
30	141	7.043	7.041	-0.003
30	144	6.998	6.996	-0.001
30	145	7.040	7.039	-0.001
30	146	7.017	7.010	-0.007
30	147	7.021	7.014	-0.007
30	132	7.043	7.044	0.002
30	133	7.041	7.032	-0.009
30	135	7.003	7.038	0.035
30	245	6.998	6.994	-0.004
30	246	7.013	7.007	-0.006
50	67	7.044	7.040	-0.004
50	68	7.007	6.985	-0.022
50	69	7.044	7.050	0.006
50	71	6.991	6.985	-0.006
50	72	7.006	7.000	-0.006
50	172	7.024	6.990	-0.034
50	173	7.036	7.023	-0.013
50	174	7.012	7.015	0.003
50	183	7.018	7.018	0.000
50	186	6.987	6.989	0.002
100	95	7.001	7.028	0.027
100	102	6.955	6.948	-0.007
100	104	7.036	7.023	-0.013
100	105	7.022	6.997	-0.025
100	106	6.947	6.947	0.000
100	178	7.052	7.036	-0.016
100	179	6.988	7.033	0.045
100	180	7.023	7.010	-0.012
100	181	7.027	7.016	-0.011
100	182	7.029	7.055	0.026
Max		7.076	7.071	0.063
Average		7.015	7.013	-0.002
Min		6.947	6.947	-0.034
Std Dev		0.027	0.026	0.017



60.12_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.046	6.973	6.981	6.994	6.985	6.947
Average	7.046	7.004	7.016	7.021	7.010	7.009
Max	7.046	7.054	7.071	7.044	7.050	7.055
UL	7.350	7.350	7.350	7.350	7.350	7.350

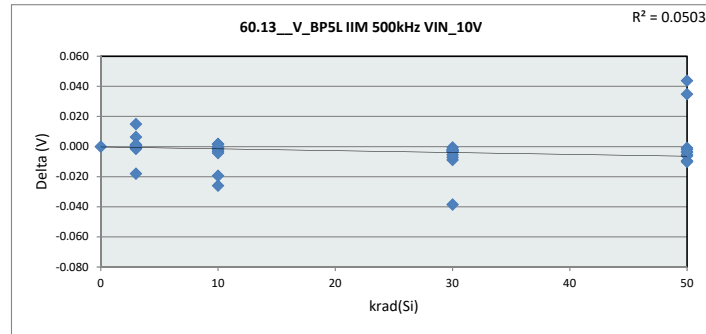


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

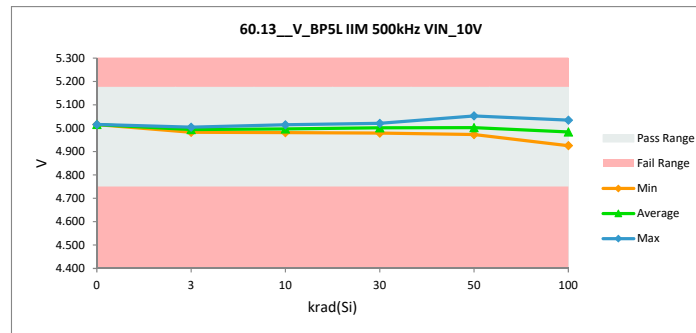
60.13_V_BP5L IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.016	5.016	0.000
3	58	4.991	4.991	0.000
3	59	4.982	4.983	0.000
3	60	4.994	4.994	0.000
3	61	4.993	4.991	-0.001
3	62	5.004	5.004	0.001
3	134	4.989	4.995	0.006
3	137	4.980	4.995	0.015
3	138	4.997	4.995	-0.001
3	139	4.999	5.000	0.001
3	236	5.007	4.989	-0.018
10	63	5.004	5.001	-0.003
10	64	4.989	4.988	-0.001
10	65	5.016	5.014	-0.002
10	66	5.003	5.001	-0.002
10	150	4.996	4.991	-0.004
10	237	5.015	4.989	-0.026
10	241	5.015	4.995	-0.019
10	242	4.982	4.981	0.000
10	243	5.004	5.006	0.002
10	244	4.999	5.000	0.001
30	141	5.003	5.000	-0.003
30	144	5.014	5.014	-0.001
30	145	5.012	5.008	-0.004
30	146	4.993	4.984	-0.009
30	147	5.022	5.020	-0.002
30	132	4.993	4.991	-0.003
30	133	5.007	5.005	-0.002
30	135	5.017	4.979	-0.038
30	245	5.005	4.998	-0.007
30	246	5.020	5.015	-0.005
50	67	4.983	4.977	-0.005
50	68	4.988	5.023	0.035
50	69	5.009	5.003	-0.006
50	71	5.001	5.000	-0.001
50	72	5.001	4.991	-0.010
50	172	5.009	5.053	0.044
50	173	4.983	4.973	-0.010
50	174	5.011	5.008	-0.004
50	183	5.005	5.004	-0.002
50	186	4.990	4.987	-0.003
100	95	4.996	4.977	-0.019
100	102	5.004	5.001	-0.003
100	104	4.991	4.969	-0.023
100	105	4.988	5.034	0.046
100	106	4.996	4.925	-0.071
100	178	5.012	5.015	0.003
100	179	4.986	4.963	-0.023
100	180	5.017	4.950	-0.067
100	181	5.000	4.987	-0.013
100	182	5.008	5.015	0.007
Max		5.022	5.053	0.046
Average		5.001	4.996	-0.005
Min		4.980	4.925	-0.071
Std Dev		0.011	0.020	0.019



60.13_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.983	4.981	4.979	4.973	4.925
Average	5.016	4.994	4.997	5.001	5.002	4.984
Max	5.016	5.005	5.014	5.020	5.053	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

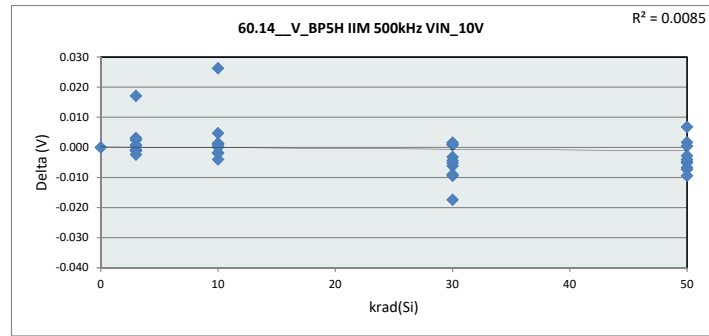


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TPS7H6003-SP (5962R2220101VXC)

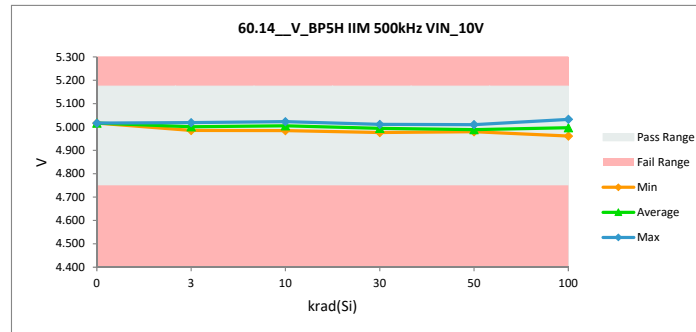
60.14_V_BP5H_IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.019	5.018	-0.001
3	59	5.006	5.005	-0.001
3	60	4.999	4.999	0.001
3	61	4.992	4.991	-0.001
3	62	4.986	4.985	-0.001
3	134	4.999	5.001	0.003
3	137	5.004	5.002	-0.002
3	138	4.984	5.001	0.017
3	139	4.994	4.995	0.001
3	236	5.004	5.007	0.003
10	63	4.986	4.984	-0.002
10	64	5.000	5.001	0.001
10	65	5.019	5.020	0.001
10	66	4.990	4.986	-0.004
10	150	5.006	5.004	-0.002
10	237	4.981	5.008	0.026
10	241	4.997	5.001	0.005
10	242	5.021	5.022	0.001
10	243	5.020	5.020	0.000
10	244	5.002	5.002	0.000
30	141	5.009	5.009	0.001
30	144	4.982	4.976	-0.006
30	145	5.011	5.006	-0.005
30	146	4.993	4.984	-0.009
30	147	4.996	4.993	-0.003
30	132	5.008	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.004	4.987	-0.017
30	245	5.009	5.011	0.002
30	246	4.981	4.977	-0.004
50	67	5.009	5.010	0.002
50	68	4.998	5.005	0.007
50	69	4.988	4.983	-0.005
50	71	4.989	4.986	-0.003
50	72	4.982	4.982	0.000
50	172	4.992	4.985	-0.007
50	173	4.990	4.983	-0.007
50	174	5.000	4.991	-0.009
50	183	4.984	4.980	-0.005
50	186	4.986	4.982	-0.004
100	95	4.986	4.976	-0.010
100	102	4.983	4.989	0.006
100	104	5.004	5.024	0.020
100	105	4.998	5.018	0.021
100	106	4.989	4.961	-0.028
100	178	4.992	4.985	-0.008
100	179	4.995	4.992	-0.003
100	180	4.990	4.991	0.000
100	181	5.020	4.997	-0.023
100	182	5.010	5.033	0.023
Max		5.021	5.033	0.026
Average		4.998	4.997	-0.001
Min		4.981	4.961	-0.028
Std Dev		0.012	0.015	0.010



60.14_V_BP5H_IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.985	4.984	4.976	4.980	4.961
Average	5.017	5.001	5.005	4.994	4.989	4.997
Max	5.017	5.019	5.022	5.011	5.010	5.033
UL	5.175	5.175	5.175	5.175	5.175	5.175

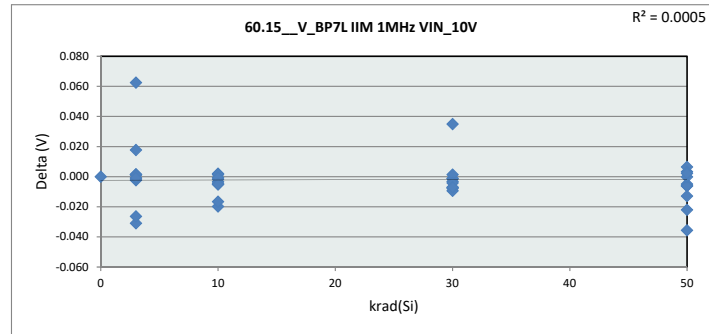


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TPS7H6003-SP (5962R2220101VXC)

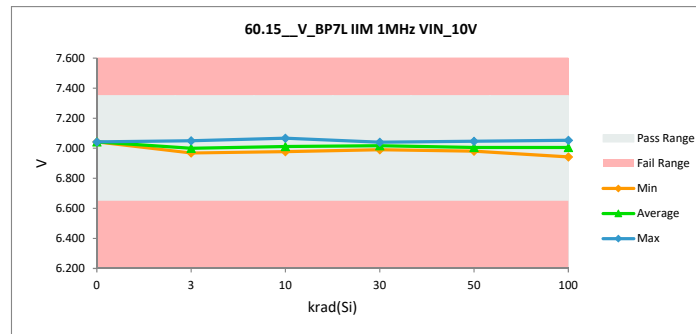
60.15_V_BP7L IIM 1MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.042	7.042	0.000
3	58	7.048	7.050	0.002
3	59	7.006	7.008	0.001
3	60	6.979	6.980	0.001
3	61	6.990	6.988	-0.002
3	62	6.970	6.968	-0.002
3	134	7.039	7.008	-0.031
3	137	6.945	7.008	0.063
3	138	7.034	7.007	-0.026
3	139	6.982	6.981	-0.001
3	236	6.978	6.996	0.018
10	63	6.980	6.977	-0.003
10	64	7.003	6.999	-0.004
10	65	7.030	7.031	0.002
10	66	7.024	7.023	-0.002
10	150	7.022	7.017	-0.005
10	237	7.016	6.996	-0.020
10	241	7.024	7.008	-0.017
10	242	6.998	6.999	0.001
10	243	6.999	6.998	-0.001
10	244	7.072	7.067	-0.005
30	141	7.039	7.036	-0.003
30	144	6.993	6.992	-0.001
30	145	7.036	7.035	-0.001
30	146	7.013	7.005	-0.008
30	147	7.016	7.009	-0.007
30	132	7.038	7.040	0.001
30	133	7.037	7.028	-0.009
30	135	6.999	7.034	0.035
30	245	6.994	6.990	-0.004
30	246	7.009	7.002	-0.007
50	67	7.040	7.035	-0.005
50	68	7.002	6.980	-0.022
50	69	7.040	7.047	0.006
50	71	6.986	6.980	-0.006
50	72	7.002	6.996	-0.006
50	172	7.020	6.984	-0.036
50	173	7.032	7.019	-0.013
50	174	7.008	7.011	0.003
50	183	7.014	7.014	0.000
50	186	6.983	6.985	0.002
100	95	6.997	7.024	0.027
100	102	6.950	6.943	-0.007
100	104	7.031	7.017	-0.014
100	105	7.018	6.992	-0.026
100	106	6.943	6.942	-0.001
100	178	7.048	7.031	-0.017
100	179	6.983	7.030	0.046
100	180	7.018	7.005	-0.013
100	181	7.023	7.012	-0.010
100	182	7.024	7.052	0.028
Max		7.072	7.067	0.063
Average		7.010	7.008	-0.002
Min		6.943	6.942	-0.036
Std Dev		0.027	0.026	0.017



60.15_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.042	6.968	6.977	6.990	6.980	6.942
Average	7.042	6.999	7.012	7.017	7.005	7.005
Max	7.042	7.050	7.067	7.040	7.047	7.052
UL	7.350	7.350	7.350	7.350	7.350	7.350

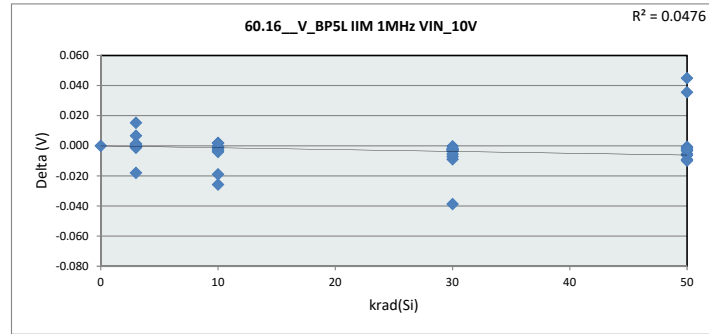


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TPS7H6003-SP (5962R2220101VXC)

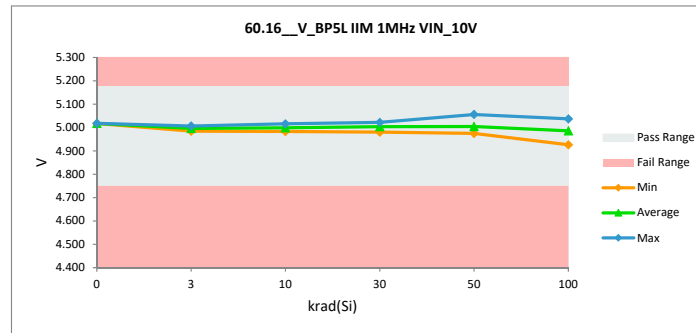
60.16 V_BP5L IIM 1MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	4.993	4.993	0.000
3	59	4.984	4.984	0.000
3	60	4.996	4.996	0.000
3	61	4.995	4.994	-0.001
3	62	5.005	5.006	0.001
3	134	4.990	4.997	0.007
3	137	4.982	4.997	0.015
3	138	4.998	4.997	-0.001
3	139	5.001	5.002	0.001
3	236	5.009	4.991	-0.018
10	63	5.006	5.003	-0.003
10	64	4.990	4.990	0.000
10	65	5.017	5.016	-0.002
10	66	5.005	5.003	-0.002
10	150	4.997	4.993	-0.004
10	237	5.016	4.991	-0.026
10	241	5.016	4.997	-0.019
10	242	4.983	4.983	0.000
10	243	5.006	5.008	0.002
10	244	5.001	5.002	0.002
30	141	5.005	5.002	-0.003
30	144	5.016	5.016	0.000
30	145	5.013	5.010	-0.003
30	146	4.995	4.986	-0.009
30	147	5.024	5.022	-0.002
30	132	4.995	4.993	-0.002
30	133	5.009	5.007	-0.002
30	135	5.019	4.980	-0.039
30	245	5.007	5.000	-0.007
30	246	5.021	5.016	-0.005
50	67	4.984	4.979	-0.005
50	68	4.990	5.026	0.036
50	69	5.011	5.005	-0.006
50	71	5.003	5.002	-0.001
50	72	5.002	4.993	-0.009
50	172	5.011	5.056	0.045
50	173	4.985	4.975	-0.010
50	174	5.013	5.010	-0.003
50	183	5.007	5.006	-0.001
50	186	4.992	4.989	-0.003
100	95	4.998	4.979	-0.019
100	102	5.006	5.003	-0.003
100	104	4.993	4.970	-0.023
100	105	4.990	5.037	0.047
100	106	4.998	4.926	-0.072
100	178	5.015	5.018	0.004
100	179	4.988	4.965	-0.023
100	180	5.019	4.951	-0.068
100	181	5.002	4.989	-0.012
100	182	5.010	5.017	0.007
Max		5.024	5.056	0.047
Average		5.003	4.998	-0.005
Min		4.982	4.926	-0.072
Std Dev		0.011	0.020	0.020



60.16 V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.984	4.983	4.980	4.975	4.926
Average	5.018	4.996	4.999	5.003	5.004	4.986
Max	5.018	5.007	5.016	5.022	5.056	5.037
UL	5.175	5.175	5.175	5.175	5.175	5.175

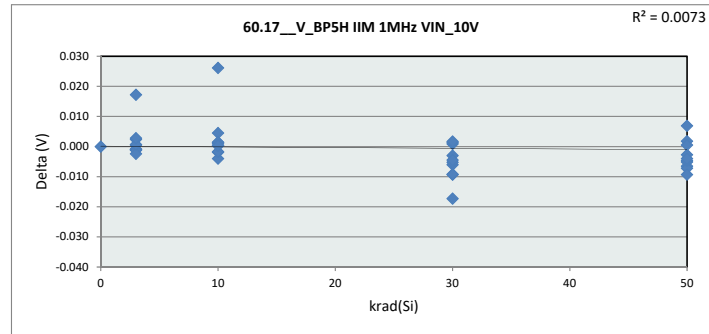


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TPS7H6003-SP (5962R2220101VXC)

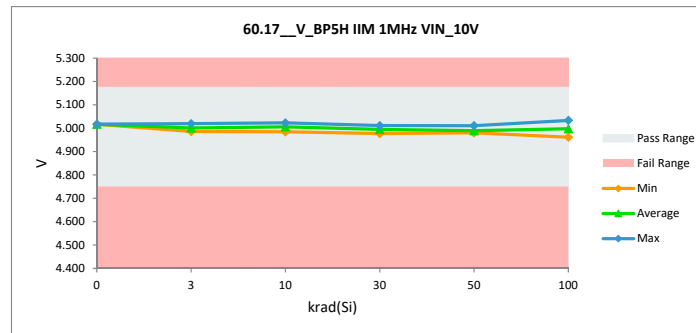
60.17_V_BP5H IIM 1MHz VIN_		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.020	5.019	-0.001
3	59	5.007	5.006	-0.001
3	60	4.999	5.000	0.001
3	61	4.993	4.992	-0.001
3	62	4.987	4.986	-0.001
3	134	4.999	5.002	0.002
3	137	5.004	5.002	-0.002
3	138	4.985	5.002	0.017
3	139	4.995	4.995	0.001
3	236	5.005	5.008	0.003
10	63	4.986	4.985	-0.002
10	64	5.000	5.002	0.001
10	65	5.019	5.020	0.001
10	66	4.991	4.987	-0.004
10	150	5.006	5.005	-0.002
10	237	4.982	5.008	0.026
10	241	4.997	5.002	0.004
10	242	5.022	5.023	0.001
10	243	5.020	5.021	0.000
10	244	5.003	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.983	4.977	-0.006
30	145	5.011	5.006	-0.005
30	146	4.994	4.984	-0.009
30	147	4.997	4.994	-0.003
30	132	5.009	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.005	4.987	-0.017
30	245	5.010	5.011	0.002
30	246	4.982	4.977	-0.004
50	67	5.009	5.011	0.002
50	68	4.999	5.005	0.007
50	69	4.989	4.984	-0.005
50	71	4.990	4.987	-0.003
50	72	4.982	4.983	0.001
50	172	4.992	4.986	-0.007
50	173	4.991	4.984	-0.007
50	174	5.001	4.991	-0.009
50	183	4.985	4.980	-0.005
50	186	4.987	4.983	-0.004
100	95	4.987	4.977	-0.010
100	102	4.984	4.989	0.005
100	104	5.005	5.025	0.020
100	105	4.998	5.020	0.021
100	106	4.990	4.962	-0.028
100	178	4.993	4.985	-0.008
100	179	4.996	4.993	-0.003
100	180	4.991	4.991	0.001
100	181	5.020	4.997	-0.023
100	182	5.010	5.034	0.023
Max		5.022	5.034	0.026
Average		4.999	4.998	-0.001
Min		4.982	4.962	-0.028
Std Dev		0.011	0.015	0.010



60.17_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.986	4.985	4.977	4.980	4.962
Average	5.017	5.001	5.005	4.995	4.989	4.997
Max	5.017	5.019	5.023	5.011	5.011	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

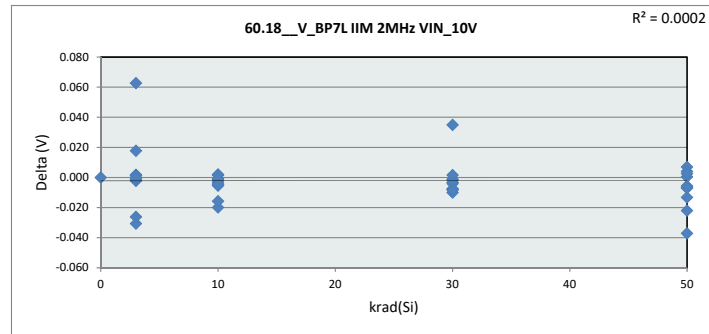


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TPS7H6003-SP (5962R2220101VXC)

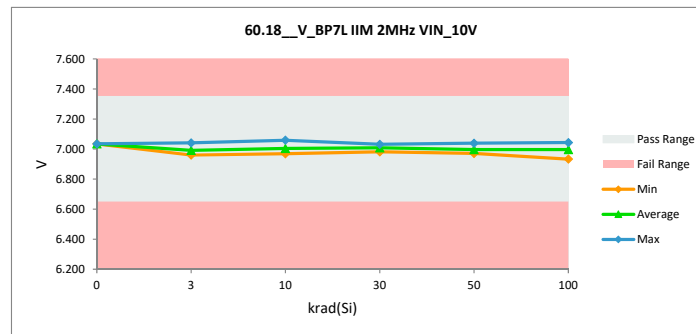
60.18 V_BP7L IIM 2MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	7.034	7.034	0.000
3	58	7.040	7.041	0.002
3	59	6.998	6.999	0.002
3	60	6.971	6.972	0.001
3	61	6.982	6.980	-0.002
3	62	6.962	6.960	-0.002
3	134	7.030	7.000	-0.031
3	137	6.937	7.000	0.063
3	138	7.026	6.999	-0.026
3	139	6.973	6.973	0.000
3	236	6.970	6.988	0.018
10	63	6.972	6.969	-0.003
10	64	6.995	6.991	-0.004
10	65	7.021	7.023	0.002
10	66	7.015	7.014	-0.002
10	150	7.014	7.008	-0.005
10	237	7.008	6.988	-0.020
10	241	7.016	7.000	-0.016
10	242	6.989	6.991	0.002
10	243	6.990	6.990	-0.001
10	244	7.064	7.059	-0.005
30	141	7.030	7.027	-0.003
30	144	6.985	6.983	-0.001
30	145	7.027	7.026	-0.001
30	146	7.005	6.997	-0.008
30	147	7.007	7.000	-0.007
30	132	7.030	7.032	0.002
30	133	7.029	7.018	-0.010
30	135	6.990	7.025	0.035
30	245	6.985	6.981	-0.004
30	246	7.000	6.991	-0.008
50	67	7.031	7.026	-0.006
50	68	6.993	6.971	-0.022
50	69	7.032	7.039	0.007
50	71	6.978	6.971	-0.007
50	72	6.994	6.987	-0.007
50	172	7.011	6.974	-0.037
50	173	7.023	7.010	-0.013
50	174	6.999	7.003	0.004
50	183	7.006	7.007	0.000
50	186	6.975	6.977	0.003
100	95	6.988	7.015	0.027
100	102	6.942	6.934	-0.008
100	104	7.023	7.008	-0.015
100	105	7.009	6.982	-0.027
100	106	6.934	6.933	-0.001
100	178	7.039	7.022	-0.017
100	179	6.975	7.023	0.047
100	180	7.009	6.997	-0.012
100	181	7.014	7.004	-0.010
100	182	7.016	7.043	0.027
Max		7.064	7.059	0.063
Average		7.002	7.000	-0.002
Min		6.934	6.933	-0.037
Std Dev		0.027	0.026	0.018



60.18 V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.034	6.960	6.969	6.981	6.971	6.933
Average	7.034	6.991	7.003	7.008	6.996	6.996
Max	7.034	7.041	7.059	7.032	7.039	7.043
UL	7.350	7.350	7.350	7.350	7.350	7.350

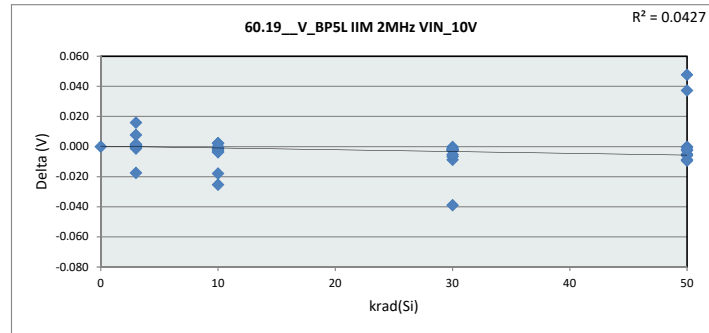


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TPS7H6003-SP (5962R2220101VXC)

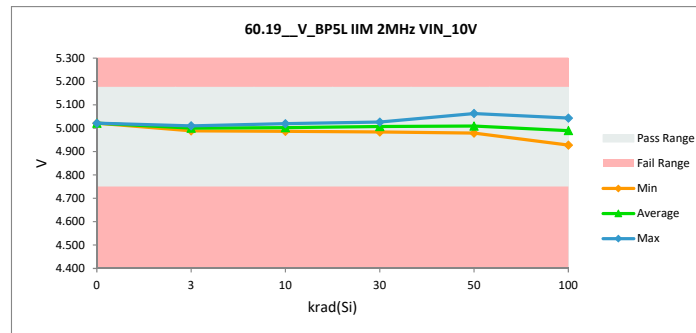
60.19_V_BP5L IIM 2MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.022	5.022	0.000
3	58	4.997	4.997	0.000
3	59	4.988	4.988	0.000
3	60	5.000	5.000	0.000
3	61	4.999	4.998	-0.001
3	62	5.009	5.010	0.001
3	134	4.994	5.002	0.008
3	137	4.986	5.002	0.016
3	138	5.002	5.002	0.000
3	139	5.004	5.006	0.002
3	236	5.012	4.995	-0.017
10	63	5.009	5.006	-0.003
10	64	4.994	4.993	0.000
10	65	5.021	5.019	-0.001
10	66	5.010	5.008	-0.002
10	150	5.001	4.997	-0.004
10	237	5.020	4.995	-0.025
10	241	5.020	5.002	-0.018
10	242	4.987	4.987	0.000
10	243	5.009	5.011	0.002
10	244	5.004	5.007	0.002
30	141	5.009	5.006	-0.003
30	144	5.020	5.020	0.000
30	145	5.017	5.014	-0.003
30	146	4.998	4.989	-0.009
30	147	5.028	5.026	-0.001
30	132	4.999	4.997	-0.002
30	133	5.013	5.011	-0.002
30	135	5.023	4.984	-0.039
30	245	5.011	5.004	-0.007
30	246	5.025	5.019	-0.005
50	67	4.988	4.983	-0.005
50	68	4.994	5.031	0.037
50	69	5.016	5.010	-0.006
50	71	5.007	5.007	0.000
50	72	5.006	4.997	-0.009
50	172	5.015	5.063	0.048
50	173	4.988	4.979	-0.009
50	174	5.017	5.015	-0.003
50	183	5.011	5.011	0.000
50	186	4.996	4.994	-0.002
100	95	5.002	4.983	-0.018
100	102	5.009	5.007	-0.002
100	104	4.996	4.974	-0.023
100	105	4.994	5.043	0.049
100	106	5.002	4.928	-0.074
100	178	5.019	5.025	0.006
100	179	4.991	4.969	-0.022
100	180	5.022	4.953	-0.069
100	181	5.005	4.994	-0.011
100	182	5.013	5.022	0.009
Max		5.028	5.063	0.049
Average		5.006	5.002	-0.004
Min		4.986	4.928	-0.074
Std Dev		0.011	0.021	0.020



60.19_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.022	4.988	4.987	4.984	4.979	4.928
Average	5.022	5.000	5.002	5.007	5.009	4.990
Max	5.022	5.010	5.020	5.026	5.063	5.043
UL	5.175	5.175	5.175	5.175	5.175	5.175

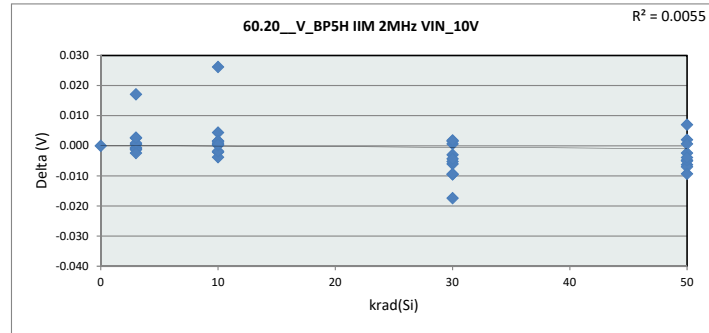


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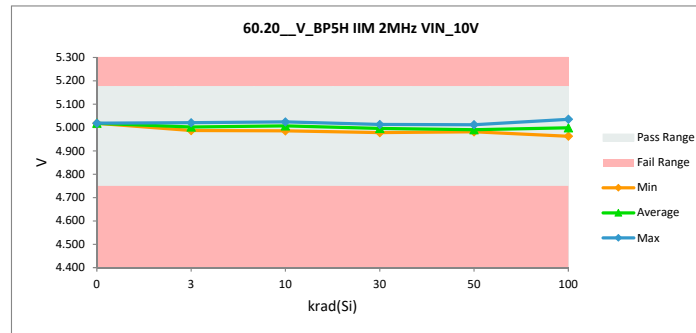
60.20_V_BP5H IIM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.018	5.018	0.000
3	58	5.021	5.020	-0.001
3	59	5.008	5.007	-0.001
3	60	5.001	5.001	0.000
3	61	4.994	4.993	-0.001
3	62	4.988	4.987	-0.001
3	134	5.001	5.003	0.003
3	137	5.006	5.003	-0.002
3	138	4.986	5.003	0.017
3	139	4.996	4.997	0.001
3	236	5.006	5.009	0.003
10	63	4.988	4.986	-0.002
10	64	5.001	5.003	0.002
10	65	5.021	5.022	0.001
10	66	4.992	4.988	-0.004
10	150	5.008	5.006	-0.002
10	237	4.983	5.009	0.026
10	241	4.999	5.003	0.004
10	242	5.023	5.024	0.002
10	243	5.022	5.022	0.000
10	244	5.004	5.004	0.000
30	141	5.010	5.011	0.001
30	144	4.984	4.978	-0.006
30	145	5.012	5.007	-0.005
30	146	4.995	4.986	-0.010
30	147	4.998	4.995	-0.003
30	132	5.009	5.000	-0.009
30	133	4.999	5.001	0.001
30	135	5.006	4.988	-0.017
30	245	5.011	5.013	0.002
30	246	4.983	4.978	-0.004
50	67	5.010	5.012	0.002
50	68	5.000	5.007	0.007
50	69	4.990	4.985	-0.005
50	71	4.990	4.988	-0.002
50	72	4.983	4.984	0.001
50	172	4.994	4.987	-0.006
50	173	4.992	4.985	-0.007
50	174	5.002	4.993	-0.009
50	183	4.986	4.981	-0.005
50	186	4.988	4.984	-0.004
100	95	4.988	4.978	-0.010
100	102	4.985	4.991	0.006
100	104	5.006	5.026	0.020
100	105	4.999	5.021	0.022
100	106	4.991	4.963	-0.028
100	178	4.994	4.986	-0.008
100	179	4.997	4.995	-0.002
100	180	4.992	4.992	0.000
100	181	5.021	4.998	-0.023
100	182	5.011	5.035	0.024
Max		5.023	5.035	0.026
Average		5.000	4.999	-0.001
Min		4.983	4.963	-0.028
Std Dev		0.011	0.015	0.010



60.20_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.987	4.986	4.978	4.981	4.963
Average	5.018	5.002	5.007	4.996	4.991	4.999
Max	5.018	5.020	5.024	5.013	5.012	5.035
UL	5.175	5.175	5.175	5.175	5.175	5.175

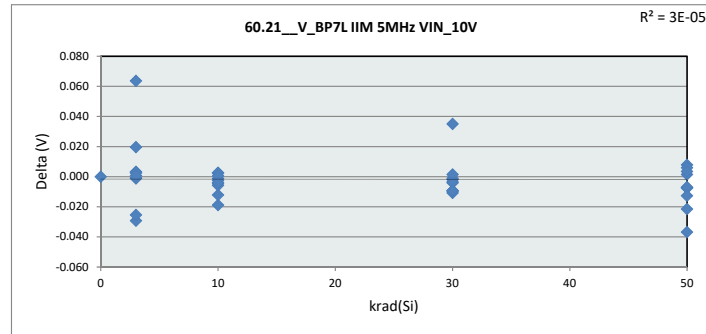


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TPS7H6003-SP (5962R2220101VXC)

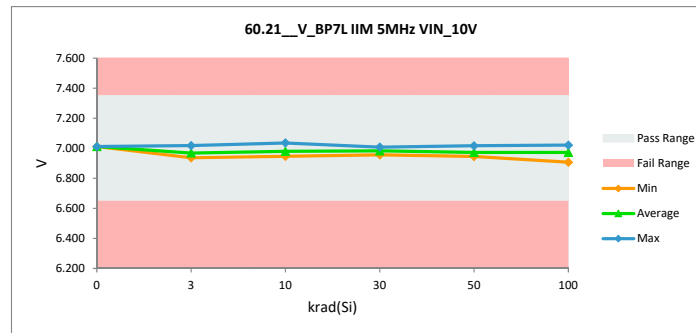
60.21 V_BP7L IIM 5MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.011	7.011	0.000
3	58	7.014	7.017	0.003
3	59	6.974	6.977	0.003
3	60	6.946	6.948	0.003
3	61	6.957	6.957	-0.001
3	62	6.937	6.936	-0.001
3	134	7.006	6.977	-0.029
3	137	6.914	6.977	0.064
3	138	7.003	6.977	-0.025
3	139	6.949	6.950	0.001
3	236	6.944	6.964	0.020
10	63	6.949	6.946	-0.003
10	64	6.972	6.968	-0.005
10	65	6.995	6.997	0.002
10	66	6.988	6.987	-0.001
10	150	6.989	6.983	-0.006
10	237	6.983	6.964	-0.019
10	241	6.990	6.977	-0.012
10	242	6.965	6.968	0.003
10	243	6.964	6.965	0.001
10	244	7.039	7.036	-0.004
30	141	7.005	7.001	-0.003
30	144	6.960	6.959	-0.001
30	145	7.003	7.001	-0.002
30	146	6.982	6.972	-0.009
30	147	6.982	6.973	-0.009
30	132	7.006	7.008	0.002
30	133	7.004	6.993	-0.011
30	135	6.965	7.000	0.035
30	245	6.960	6.956	-0.004
30	246	6.974	6.964	-0.010
50	67	7.006	6.999	-0.007
50	68	6.966	6.945	-0.022
50	69	7.009	7.016	0.008
50	71	6.953	6.945	-0.008
50	72	6.969	6.962	-0.007
50	172	6.987	6.951	-0.037
50	173	6.997	6.984	-0.013
50	174	6.974	6.980	0.006
50	183	6.983	6.985	0.002
50	186	6.951	6.955	0.003
100	95	6.964	6.988	0.024
100	102	6.916	6.907	-0.009
100	104	6.997	6.981	-0.016
100	105	6.985	6.956	-0.029
100	106	6.910	6.907	-0.003
100	178	7.013	6.997	-0.015
100	179	6.951	6.999	0.048
100	180	6.984	6.973	-0.012
100	181	6.989	6.981	-0.008
100	182	6.991	7.021	0.030
Max		7.039	7.036	0.064
Average		6.977	6.975	-0.002
Min		6.910	6.907	-0.037
Std Dev		0.027	0.026	0.018



60.21 V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.012	6.936	6.946	6.956	6.945	6.907
Average	7.012	6.968	6.979	6.983	6.972	6.971
Max	7.012	7.018	7.036	7.008	7.016	7.021
UL	7.350	7.350	7.350	7.350	7.350	7.350

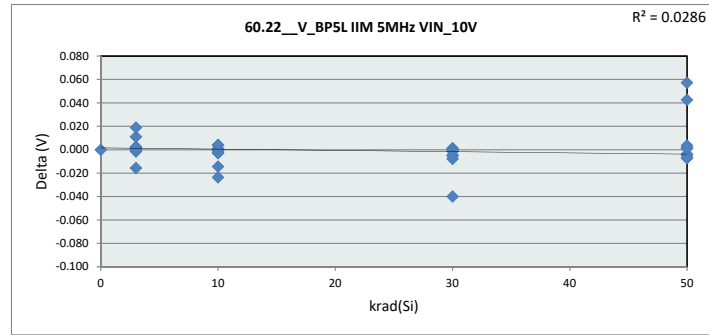


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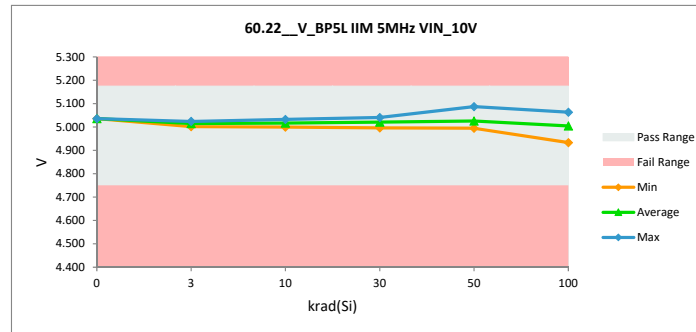
60.22_V_BP5L IIM 5MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.036	5.036	0.000
3	58	5.010	5.011	0.000
3	59	5.001	5.002	0.000
3	60	5.014	5.014	-0.001
3	61	5.015	5.013	-0.002
3	62	5.022	5.024	0.002
3	134	5.006	5.017	0.011
3	137	4.999	5.017	0.019
3	138	5.016	5.018	0.002
3	139	5.017	5.019	0.002
3	236	5.024	5.008	-0.016
10	63	5.021	5.018	-0.003
10	64	5.005	5.006	0.001
10	65	5.033	5.033	-0.001
10	66	5.025	5.024	-0.001
10	150	5.015	5.012	-0.003
10	237	5.032	5.009	-0.023
10	241	5.032	5.018	-0.014
10	242	4.999	5.000	0.001
10	243	5.021	5.025	0.004
10	244	5.018	5.023	0.004
30	141	5.023	5.022	-0.001
30	144	5.033	5.034	0.001
30	145	5.028	5.027	-0.001
30	146	5.010	5.002	-0.008
30	147	5.040	5.040	0.001
30	132	5.012	5.012	0.000
30	133	5.026	5.024	-0.001
30	135	5.036	4.996	-0.040
30	245	5.024	5.019	-0.005
30	246	5.036	5.032	-0.004
50	67	5.001	4.998	-0.004
50	68	5.007	5.050	0.043
50	69	5.030	5.025	-0.005
50	71	5.021	5.022	0.002
50	72	5.018	5.011	-0.007
50	172	5.030	5.087	0.057
50	173	5.002	4.994	-0.007
50	174	5.032	5.033	0.001
50	183	5.025	5.028	0.004
50	186	5.008	5.010	0.002
100	95	5.014	4.998	-0.016
100	102	5.021	5.023	0.002
100	104	5.009	4.986	-0.023
100	105	5.007	5.063	0.056
100	106	5.014	4.933	-0.080
100	178	5.033	5.047	0.014
100	179	5.004	4.982	-0.021
100	180	5.035	4.962	-0.073
100	181	5.019	5.010	-0.009
100	182	5.026	5.040	0.014
Max		5.040	5.087	0.057
Average		5.019	5.017	-0.002
Min		4.999	4.933	-0.080
Std Dev		0.011	0.023	0.022



60.22_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.036	5.002	5.000	4.996	4.994	4.933
Average	5.036	5.014	5.017	5.021	5.026	5.004
Max	5.036	5.024	5.033	5.040	5.087	5.063
UL	5.175	5.175	5.175	5.175	5.175	5.175

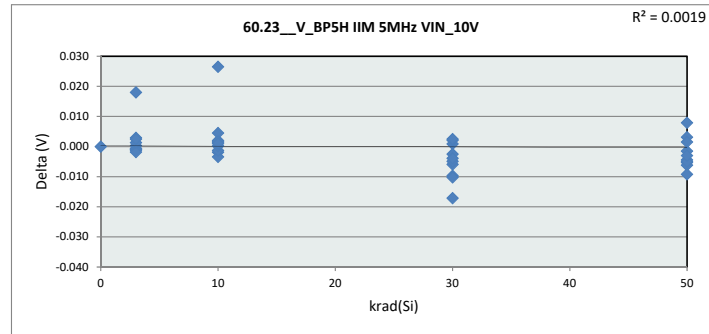


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

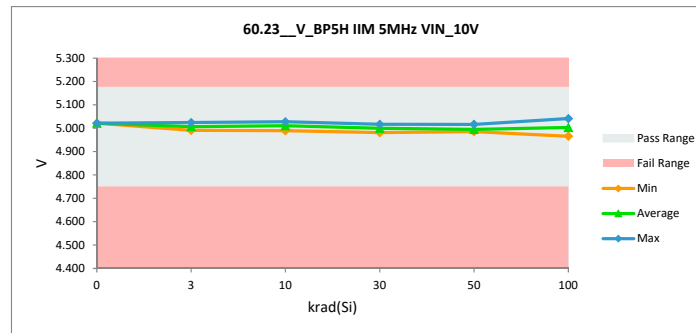
60.23_V_BP5H IIM 5MHz VIN_		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.022	5.022	0.000
3	58	5.025	5.024	-0.001
3	59	5.011	5.010	-0.001
3	60	5.005	5.005	0.000
3	61	4.997	4.997	-0.001
3	62	4.992	4.990	-0.001
3	134	5.004	5.007	0.003
3	137	5.009	5.007	-0.002
3	138	4.989	5.007	0.018
3	139	4.999	5.001	0.001
3	236	5.010	5.012	0.003
10	63	4.991	4.989	-0.002
10	64	5.005	5.007	0.002
10	65	5.024	5.025	0.001
10	66	4.995	4.991	-0.003
10	150	5.011	5.010	-0.001
10	237	4.986	5.012	0.026
10	241	5.003	5.007	0.004
10	242	5.026	5.028	0.002
10	243	5.025	5.025	0.000
10	244	5.008	5.009	0.001
30	141	5.014	5.015	0.001
30	144	4.987	4.981	-0.006
30	145	5.016	5.011	-0.005
30	146	4.999	4.989	-0.010
30	147	5.001	4.999	-0.003
30	132	5.013	5.002	-0.010
30	133	5.002	5.004	0.002
30	135	5.009	4.991	-0.017
30	245	5.014	5.017	0.002
30	246	4.986	4.982	-0.004
50	67	5.013	5.016	0.003
50	68	5.004	5.012	0.008
50	69	4.994	4.989	-0.004
50	71	4.994	4.992	-0.002
50	72	4.987	4.988	0.002
50	172	4.997	4.992	-0.005
50	173	4.995	4.989	-0.006
50	174	5.006	4.997	-0.009
50	183	4.990	4.985	-0.005
50	186	4.992	4.989	-0.003
100	95	4.992	4.983	-0.009
100	102	4.989	4.995	0.007
100	104	5.010	5.031	0.021
100	105	5.003	5.026	0.024
100	106	4.994	4.966	-0.028
100	178	4.997	4.990	-0.007
100	179	5.000	4.999	-0.001
100	180	4.995	4.996	0.001
100	181	5.025	5.001	-0.024
100	182	5.015	5.041	0.027
Max		5.026	5.041	0.027
Average		5.003	5.003	0.000
Min		4.986	4.966	-0.028
Std Dev		0.011	0.015	0.010



60.23_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.022	4.991	4.989	4.981	4.985	4.966
Average	5.022	5.006	5.010	4.999	4.995	5.003
Max	5.022	5.024	5.028	5.017	5.016	5.041
UL	5.175	5.175	5.175	5.175	5.175	5.175

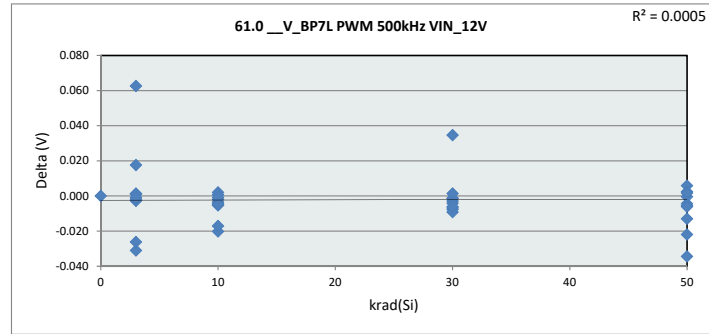


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TPS7H6003-SP (5962R2220101VXC)

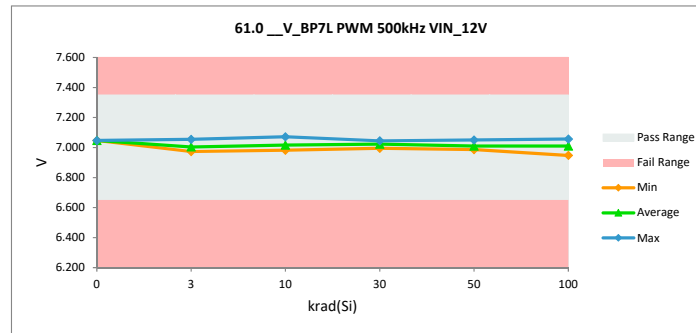
61.0 __V_BP7L PWM 500kHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.047	7.047	0.000
3	58	7.053	7.055	0.001
3	59	7.011	7.012	0.001
3	60	6.984	6.986	0.001
3	61	6.995	6.992	-0.003
3	62	6.975	6.973	-0.002
3	134	7.043	7.012	-0.031
3	137	6.950	7.012	0.063
3	138	7.038	7.012	-0.026
3	139	6.986	6.986	-0.001
3	236	6.983	7.001	0.018
10	63	6.985	6.982	-0.003
10	64	7.008	7.004	-0.005
10	65	7.035	7.037	0.002
10	66	7.030	7.028	-0.002
10	150	7.028	7.022	-0.005
10	237	7.021	7.001	-0.020
10	241	7.029	7.012	-0.017
10	242	7.003	7.004	0.001
10	243	7.004	7.003	-0.001
10	244	7.077	7.072	-0.005
30	141	7.044	7.041	-0.003
30	144	6.998	6.997	-0.001
30	145	7.041	7.040	-0.001
30	146	7.018	7.010	-0.008
30	147	7.021	7.014	-0.007
30	132	7.043	7.045	0.001
30	133	7.042	7.033	-0.009
30	135	7.004	7.039	0.035
30	245	6.999	6.995	-0.004
30	246	7.014	7.008	-0.006
50	67	7.045	7.041	-0.004
50	68	7.008	6.986	-0.022
50	69	7.045	7.050	0.006
50	71	6.991	6.986	-0.006
50	72	7.007	7.001	-0.006
50	172	7.025	6.990	-0.034
50	173	7.037	7.024	-0.013
50	174	7.013	7.015	0.002
50	183	7.019	7.019	0.000
50	186	6.988	6.990	0.002
100	95	7.002	7.029	0.027
100	102	6.955	6.948	-0.007
100	104	7.037	7.023	-0.013
100	105	7.023	6.998	-0.025
100	106	6.948	6.947	-0.001
100	178	7.053	7.036	-0.017
100	179	6.988	7.033	0.045
100	180	7.023	7.011	-0.012
100	181	7.028	7.017	-0.011
100	182	7.030	7.056	0.026
Max		7.077	7.072	0.063
Average		7.015	7.013	-0.002
Min		6.948	6.947	-0.034
Std Dev		0.027	0.026	0.017



61.0 __V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.047	6.973	6.982	6.995	6.986	6.947
Average	7.047	7.004	7.016	7.022	7.010	7.010
Max	7.047	7.055	7.072	7.045	7.051	7.056
UL	7.350	7.350	7.350	7.350	7.350	7.350

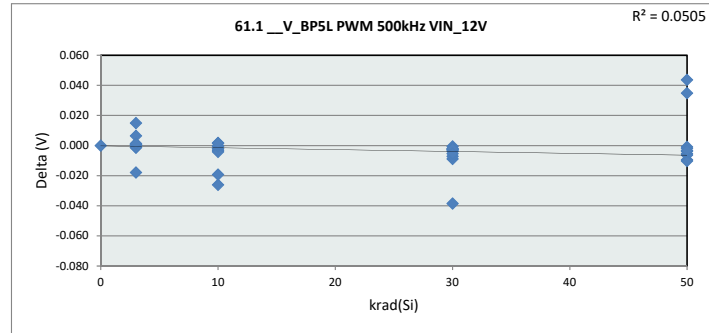


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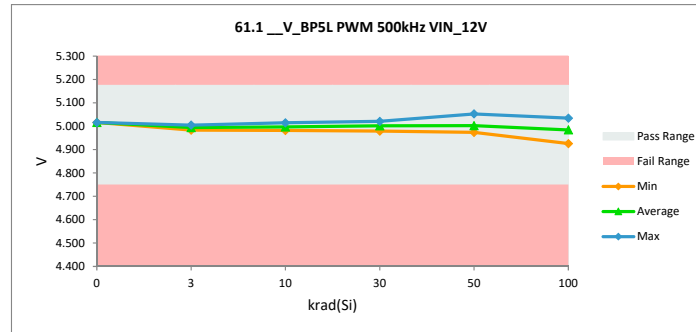
61.1 __V_BP5L PWM 500kHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.016	5.016	0.000
3	58	4.991	4.992	0.001
3	59	4.983	4.983	0.000
3	60	4.994	4.995	0.000
3	61	4.993	4.992	-0.001
3	62	5.004	5.005	0.001
3	134	4.989	4.996	0.006
3	137	4.981	4.996	0.015
3	138	4.997	4.996	-0.001
3	139	4.999	5.001	0.001
3	236	5.007	4.989	-0.018
10	63	5.004	5.001	-0.003
10	64	4.989	4.988	0.000
10	65	5.016	5.015	-0.002
10	66	5.004	5.001	-0.002
10	150	4.996	4.991	-0.004
10	237	5.015	4.989	-0.026
10	241	5.015	4.996	-0.019
10	242	4.982	4.981	0.000
10	243	5.004	5.006	0.002
10	244	4.999	5.000	0.002
30	141	5.004	5.001	-0.003
30	144	5.015	5.014	-0.001
30	145	5.012	5.008	-0.004
30	146	4.993	4.984	-0.009
30	147	5.023	5.021	-0.002
30	132	4.993	4.991	-0.003
30	133	5.008	5.005	-0.002
30	135	5.017	4.979	-0.038
30	245	5.005	4.998	-0.007
30	246	5.020	5.015	-0.005
50	67	4.983	4.978	-0.005
50	68	4.989	5.023	0.035
50	69	5.010	5.003	-0.006
50	71	5.002	5.001	-0.001
50	72	5.001	4.992	-0.010
50	172	5.009	5.053	0.044
50	173	4.983	4.973	-0.010
50	174	5.012	5.008	-0.004
50	183	5.006	5.004	-0.002
50	186	4.991	4.987	-0.003
100	95	4.997	4.978	-0.019
100	102	5.005	5.002	-0.003
100	104	4.991	4.969	-0.022
100	105	4.989	5.034	0.046
100	106	4.997	4.926	-0.071
100	178	5.013	5.016	0.003
100	179	4.986	4.964	-0.022
100	180	5.017	4.951	-0.067
100	181	5.000	4.988	-0.013
100	182	5.009	5.015	0.006
Max		5.023	5.053	0.046
Average		5.001	4.996	-0.005
Min		4.981	4.926	-0.071
Std Dev		0.011	0.020	0.019



61.1 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.983	4.981	4.979	4.973	4.926
Average	5.016	4.994	4.997	5.002	5.002	4.984
Max	5.016	5.005	5.015	5.021	5.053	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

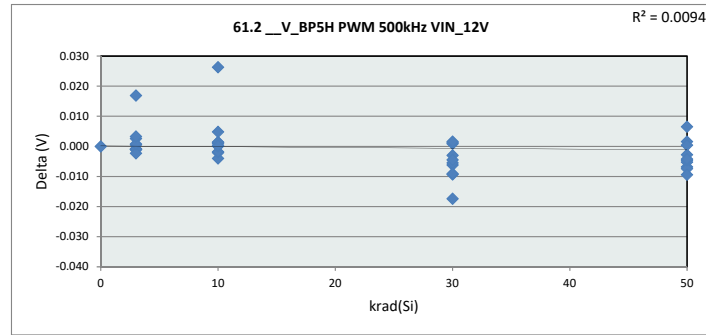


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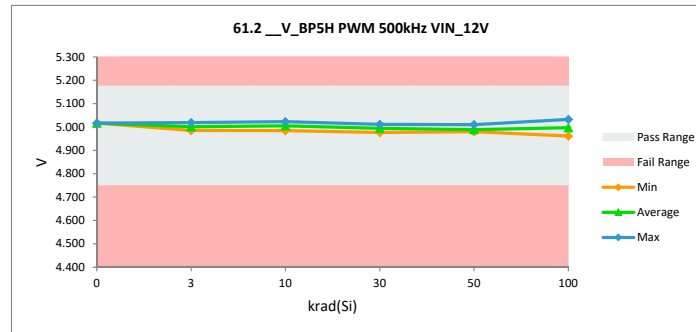
61.2 __V_BP5H PWM 500kHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.019	5.019	-0.001
3	59	5.006	5.005	-0.001
3	60	4.999	4.999	0.000
3	61	4.992	4.992	-0.001
3	62	4.986	4.985	-0.001
3	134	4.999	5.002	0.003
3	137	5.004	5.002	-0.002
3	138	4.984	5.001	0.017
3	139	4.994	4.995	0.001
3	236	5.004	5.008	0.003
10	63	4.986	4.984	-0.002
10	64	5.000	5.001	0.001
10	65	5.019	5.020	0.001
10	66	4.990	4.986	-0.004
10	150	5.006	5.004	-0.002
10	237	4.981	5.008	0.026
10	241	4.997	5.001	0.005
10	242	5.021	5.022	0.001
10	243	5.020	5.020	0.000
10	244	5.002	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.982	4.976	-0.006
30	145	5.011	5.006	-0.005
30	146	4.993	4.984	-0.009
30	147	4.996	4.993	-0.003
30	132	5.008	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.004	4.987	-0.017
30	245	5.009	5.011	0.002
30	246	4.981	4.977	-0.004
50	67	5.009	5.010	0.002
50	68	4.998	5.005	0.007
50	69	4.988	4.983	-0.005
50	71	4.989	4.986	-0.003
50	72	4.982	4.982	0.000
50	172	4.992	4.985	-0.007
50	173	4.990	4.983	-0.007
50	174	5.000	4.991	-0.009
50	183	4.984	4.980	-0.005
50	186	4.987	4.982	-0.004
100	95	4.986	4.976	-0.011
100	102	4.983	4.989	0.005
100	104	5.004	5.023	0.019
100	105	4.998	5.018	0.020
100	106	4.989	4.961	-0.028
100	178	4.992	4.985	-0.008
100	179	4.996	4.993	-0.002
100	180	4.990	4.991	0.000
100	181	5.020	4.997	-0.023
100	182	5.010	5.032	0.022
Max		5.021	5.032	0.026
Average		4.998	4.997	-0.001
Min		4.981	4.961	-0.028
Std Dev		0.012	0.015	0.010



61.2 __V_BP5H PWM 500kHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.985	4.984	4.976	4.980	4.961
Average	5.017	5.001	5.005	4.994	4.989	4.997
Max	5.017	5.019	5.022	5.011	5.010	5.032
UL	5.175	5.175	5.175	5.175	5.175	5.175

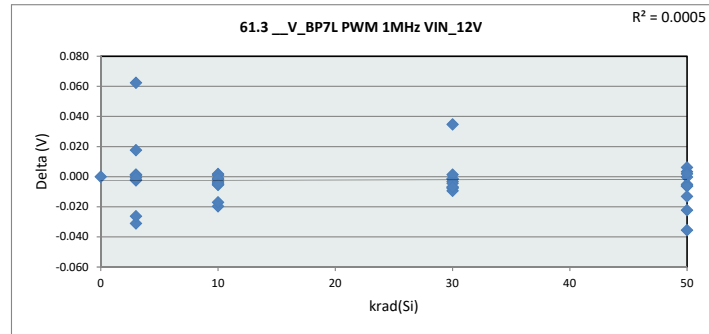


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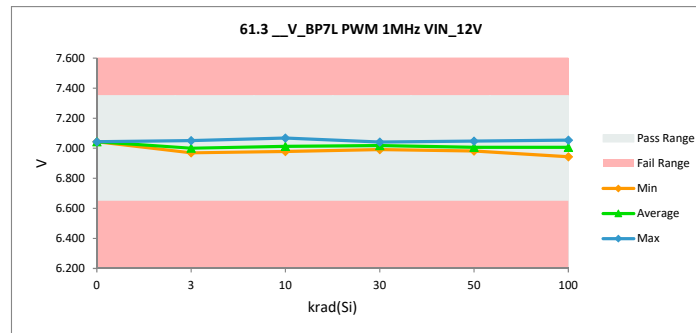
61.3 V_BP7L PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	7.043	7.043	0.000
3	58	7.049	7.051	0.001
3	59	7.007	7.008	0.001
3	60	6.981	6.982	0.001
3	61	6.991	6.989	-0.003
3	62	6.971	6.969	-0.002
3	134	7.040	7.009	-0.031
3	137	6.946	7.009	0.062
3	138	7.035	7.008	-0.026
3	139	6.983	6.982	-0.001
3	236	6.979	6.997	0.018
10	63	6.981	6.978	-0.003
10	64	7.004	7.000	-0.004
10	65	7.031	7.033	0.002
10	66	7.026	7.024	-0.002
10	150	7.023	7.018	-0.005
10	237	7.017	6.997	-0.020
10	241	7.025	7.009	-0.017
10	242	6.999	7.000	0.001
10	243	7.000	6.999	-0.001
10	244	7.073	7.068	-0.005
30	141	7.040	7.037	-0.003
30	144	6.995	6.993	-0.002
30	145	7.037	7.035	-0.001
30	146	7.014	7.006	-0.008
30	147	7.017	7.010	-0.007
30	132	7.040	7.041	0.001
30	133	7.038	7.029	-0.009
30	135	7.000	7.035	0.035
30	245	6.995	6.991	-0.004
30	246	7.010	7.003	-0.007
50	67	7.041	7.036	-0.005
50	68	7.003	6.981	-0.022
50	69	7.041	7.047	0.006
50	71	6.988	6.982	-0.006
50	72	7.003	6.997	-0.006
50	172	7.021	6.985	-0.035
50	173	7.033	7.020	-0.013
50	174	7.009	7.012	0.003
50	183	7.015	7.015	0.000
50	186	6.984	6.986	0.002
100	95	6.998	7.025	0.027
100	102	6.951	6.944	-0.007
100	104	7.032	7.019	-0.014
100	105	7.019	6.993	-0.026
100	106	6.944	6.943	-0.001
100	178	7.049	7.032	-0.016
100	179	6.984	7.030	0.046
100	180	7.019	7.006	-0.013
100	181	7.024	7.014	-0.010
100	182	7.026	7.053	0.028
Max		7.073	7.068	0.062
Average		7.011	7.009	-0.002
Min		6.944	6.943	-0.035
Std Dev		0.027	0.026	0.017



61.3 V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.043	6.969	6.978	6.991	6.981	6.943
Average	7.043	7.000	7.013	7.018	7.006	7.006
Max	7.043	7.051	7.068	7.041	7.047	7.053
UL	7.350	7.350	7.350	7.350	7.350	7.350

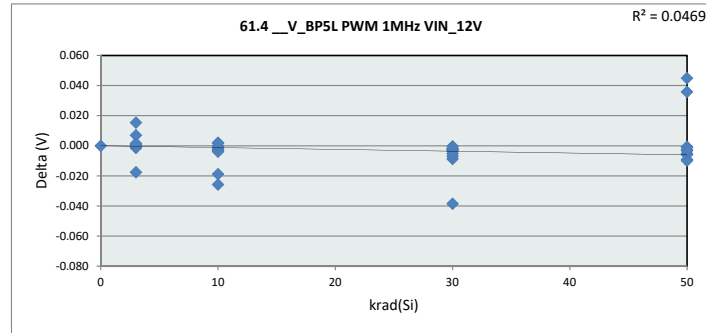


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TPS7H6003-SP (5962R2220101VXC)

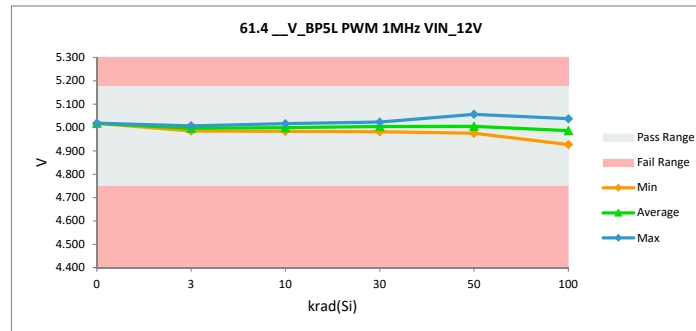
61.4 __V_BP5L PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.018	5.018	0.000
3	58	4.994	4.994	0.000
3	59	4.985	4.985	0.000
3	60	4.997	4.997	0.000
3	61	4.996	4.994	-0.001
3	62	5.006	5.007	0.001
3	134	4.991	4.998	0.007
3	137	4.983	4.998	0.015
3	138	4.999	4.998	-0.001
3	139	5.001	5.003	0.002
3	236	5.009	4.991	-0.018
10	63	5.006	5.003	-0.003
10	64	4.991	4.990	0.000
10	65	5.018	5.017	-0.002
10	66	5.006	5.004	-0.002
10	150	4.998	4.994	-0.004
10	237	5.017	4.991	-0.026
10	241	5.017	4.998	-0.019
10	242	4.984	4.984	0.000
10	243	5.006	5.008	0.002
10	244	5.001	5.003	0.002
30	141	5.006	5.003	-0.003
30	144	5.017	5.016	0.000
30	145	5.014	5.010	-0.003
30	146	4.995	4.986	-0.009
30	147	5.025	5.023	-0.002
30	132	4.996	4.993	-0.002
30	133	5.010	5.008	-0.002
30	135	5.020	4.981	-0.038
30	245	5.007	5.000	-0.007
30	246	5.022	5.017	-0.005
50	67	4.985	4.980	-0.005
50	68	4.991	5.027	0.036
50	69	5.012	5.006	-0.006
50	71	5.004	5.003	-0.001
50	72	5.003	4.994	-0.009
50	172	5.012	5.056	0.045
50	173	4.985	4.975	-0.010
50	174	5.014	5.011	-0.003
50	183	5.008	5.007	-0.001
50	186	4.993	4.990	-0.003
100	95	4.998	4.980	-0.019
100	102	5.007	5.004	-0.002
100	104	4.994	4.971	-0.022
100	105	4.990	5.037	0.047
100	106	4.999	4.927	-0.071
100	178	5.015	5.019	0.004
100	179	4.988	4.966	-0.022
100	180	5.019	4.952	-0.067
100	181	5.002	4.990	-0.012
100	182	5.010	5.018	0.008
Max		5.025	5.056	0.047
Average		5.003	4.999	-0.005
Min		4.983	4.927	-0.071
Std Dev		0.011	0.020	0.020



61.4 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.985	4.984	4.981	4.975	4.927
Average	5.018	4.997	4.999	5.004	5.005	4.987
Max	5.018	5.007	5.017	5.023	5.057	5.038
UL	5.175	5.175	5.175	5.175	5.175	5.175

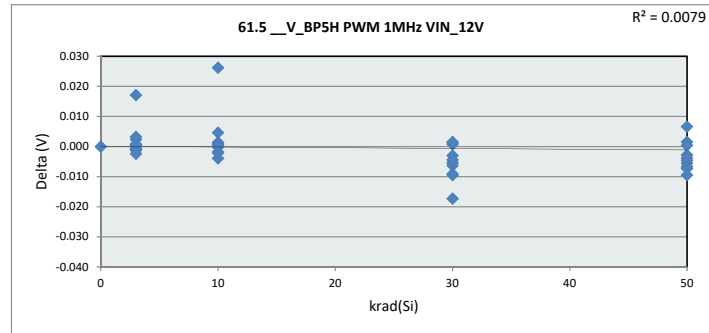


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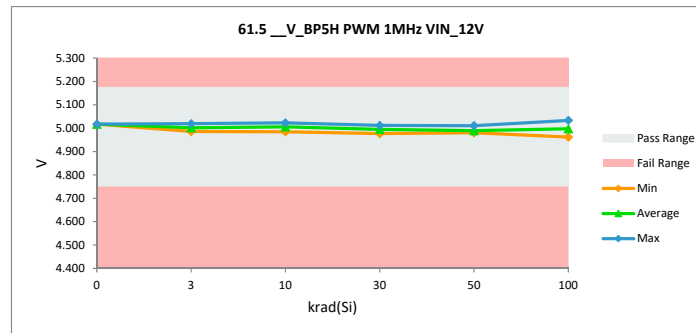
61.5 __V_BP5H PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.020	5.019	-0.001
3	59	5.007	5.006	-0.001
3	60	5.000	5.000	0.000
3	61	4.993	4.992	-0.001
3	62	4.987	4.986	-0.001
3	134	5.000	5.002	0.002
3	137	5.005	5.002	-0.002
3	138	4.985	5.002	0.017
3	139	4.995	4.996	0.001
3	236	5.005	5.008	0.003
10	63	4.987	4.985	-0.002
10	64	5.001	5.002	0.001
10	65	5.020	5.020	0.001
10	66	4.991	4.987	-0.004
10	150	5.007	5.005	-0.002
10	237	4.982	5.008	0.026
10	241	4.997	5.002	0.005
10	242	5.022	5.023	0.001
10	243	5.021	5.021	0.000
10	244	5.003	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.983	4.977	-0.006
30	145	5.012	5.006	-0.005
30	146	4.994	4.985	-0.010
30	147	4.997	4.994	-0.003
30	132	5.009	5.000	-0.009
30	133	4.998	4.999	0.001
30	135	5.005	4.988	-0.017
30	245	5.010	5.011	0.001
30	246	4.982	4.977	-0.004
50	67	5.009	5.011	0.002
50	68	4.999	5.005	0.007
50	69	4.989	4.984	-0.005
50	71	4.990	4.987	-0.003
50	72	4.982	4.983	0.000
50	172	4.992	4.986	-0.007
50	173	4.991	4.984	-0.007
50	174	5.001	4.992	-0.010
50	183	4.985	4.980	-0.005
50	186	4.987	4.983	-0.004
100	95	4.987	4.977	-0.010
100	102	4.984	4.989	0.005
100	104	5.005	5.024	0.019
100	105	4.998	5.019	0.021
100	106	4.990	4.962	-0.028
100	178	4.993	4.985	-0.008
100	179	4.996	4.994	-0.002
100	180	4.991	4.991	0.000
100	181	5.021	4.997	-0.024
100	182	5.011	5.034	0.023
Max		5.022	5.034	0.026
Average		4.999	4.998	-0.001
Min		4.982	4.962	-0.028
Std Dev		0.012	0.015	0.010



61.5 __V_BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.986	4.985	4.977	4.980	4.962
Average	5.017	5.001	5.006	4.995	4.989	4.997
Max	5.017	5.020	5.023	5.012	5.011	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

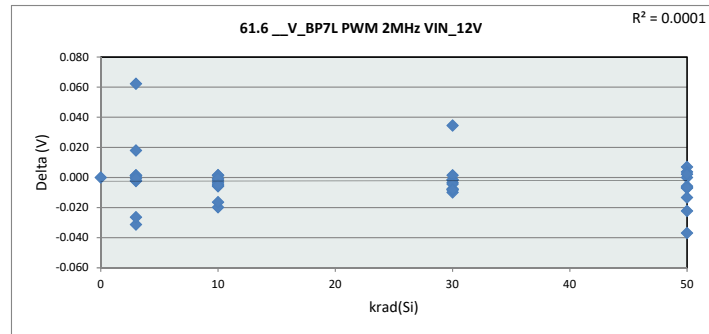


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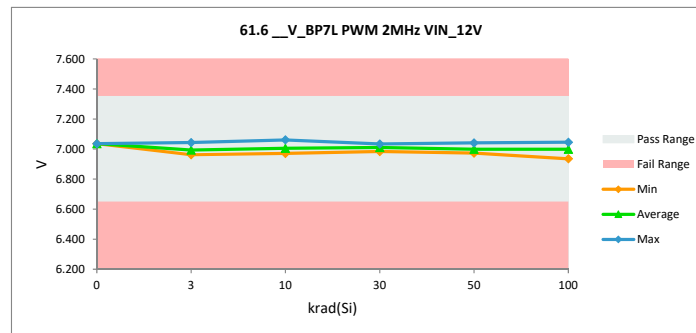
61.6 V_BP7L PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.036	7.036	0.000
3	58	7.042	7.043	0.002
3	59	7.000	7.001	0.001
3	60	6.973	6.974	0.001
3	61	6.984	6.982	-0.002
3	62	6.964	6.962	-0.002
3	134	7.033	7.001	-0.031
3	137	6.939	7.001	0.062
3	138	7.028	7.001	-0.026
3	139	6.976	6.975	0.000
3	236	6.972	6.990	0.018
10	63	6.974	6.971	-0.003
10	64	6.997	6.993	-0.004
10	65	7.023	7.025	0.002
10	66	7.018	7.016	-0.002
10	150	7.016	7.010	-0.006
10	237	7.010	6.990	-0.020
10	241	7.018	7.001	-0.016
10	242	6.992	6.993	0.001
10	243	6.993	6.992	-0.001
10	244	7.066	7.061	-0.005
30	141	7.033	7.029	-0.003
30	144	6.987	6.985	-0.002
30	145	7.030	7.028	-0.002
30	146	7.007	6.999	-0.008
30	147	7.010	7.002	-0.008
30	132	7.032	7.034	0.002
30	133	7.031	7.021	-0.010
30	135	6.992	7.027	0.035
30	245	6.988	6.983	-0.004
30	246	7.002	6.994	-0.008
50	67	7.034	7.028	-0.006
50	68	6.995	6.973	-0.022
50	69	7.034	7.041	0.007
50	71	6.980	6.973	-0.007
50	72	6.996	6.989	-0.006
50	172	7.014	6.977	-0.037
50	173	7.025	7.012	-0.013
50	174	7.001	7.005	0.004
50	183	7.008	7.008	0.000
50	186	6.977	6.979	0.002
100	95	6.991	7.017	0.026
100	102	6.944	6.936	-0.008
100	104	7.025	7.010	-0.015
100	105	7.012	6.984	-0.027
100	106	6.937	6.935	-0.002
100	178	7.041	7.024	-0.017
100	179	6.977	7.024	0.047
100	180	7.012	6.999	-0.013
100	181	7.016	7.006	-0.010
100	182	7.018	7.045	0.027
Max		7.066	7.061	0.062
Average		7.004	7.002	-0.002
Min		6.937	6.935	-0.037
Std Dev		0.027	0.026	0.018



61.6 V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.036	6.962	6.971	6.983	6.973	6.935
Average	7.036	6.993	7.005	7.010	6.999	6.998
Max	7.036	7.043	7.061	7.034	7.041	7.045
UL	7.350	7.350	7.350	7.350	7.350	7.350

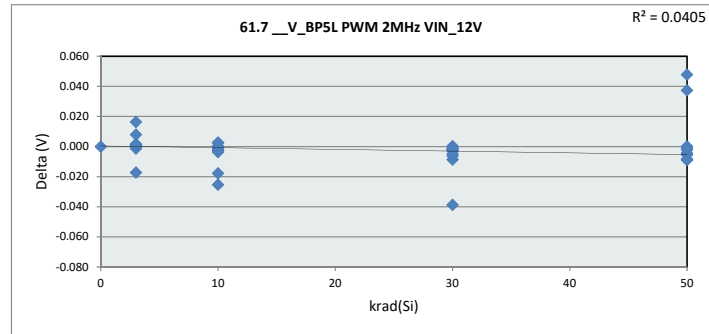


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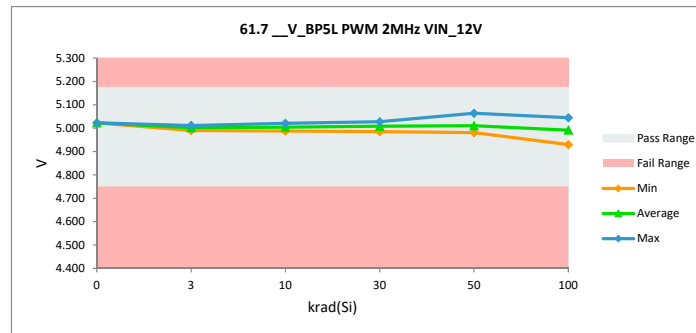
61.7 __V_BP5L PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.023	5.023	0.000
3	58	4.998	4.998	0.000
3	59	4.989	4.990	0.001
3	60	5.001	5.001	0.000
3	61	5.001	4.999	-0.001
3	62	5.010	5.012	0.001
3	134	4.995	5.003	0.008
3	137	4.987	5.003	0.016
3	138	5.003	5.003	0.000
3	139	5.005	5.007	0.002
3	236	5.013	4.996	-0.017
10	63	5.010	5.008	-0.003
10	64	4.995	4.995	0.000
10	65	5.022	5.021	-0.001
10	66	5.011	5.009	-0.002
10	150	5.002	4.999	-0.004
10	237	5.021	4.996	-0.025
10	241	5.021	5.003	-0.018
10	242	4.988	4.988	0.000
10	243	5.010	5.013	0.003
10	244	5.006	5.008	0.003
30	141	5.010	5.008	-0.002
30	144	5.021	5.021	0.000
30	145	5.018	5.015	-0.003
30	146	4.999	4.991	-0.009
30	147	5.029	5.028	-0.001
30	132	5.000	4.998	-0.002
30	133	5.014	5.012	-0.002
30	135	5.024	4.985	-0.039
30	245	5.012	5.005	-0.006
30	246	5.026	5.021	-0.005
50	67	4.990	4.985	-0.004
50	68	4.995	5.032	0.037
50	69	5.017	5.011	-0.006
50	71	5.008	5.008	0.000
50	72	5.007	4.999	-0.008
50	172	5.016	5.064	0.048
50	173	4.990	4.981	-0.009
50	174	5.019	5.017	-0.002
50	183	5.013	5.013	0.000
50	186	4.997	4.995	-0.002
100	95	5.003	4.985	-0.018
100	102	5.011	5.010	-0.001
100	104	4.997	4.975	-0.022
100	105	4.995	5.044	0.050
100	106	5.003	4.930	-0.073
100	178	5.020	5.027	0.007
100	179	4.993	4.971	-0.022
100	180	5.024	4.955	-0.069
100	181	5.007	4.996	-0.011
100	182	5.015	5.024	0.009
Max		5.029	5.064	0.050
Average		5.007	5.004	-0.004
Min		4.987	4.930	-0.073
Std Dev		0.011	0.021	0.020



61.7 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.023	4.990	4.988	4.985	4.981	4.930
Average	5.023	5.001	5.004	5.009	5.011	4.992
Max	5.023	5.012	5.021	5.028	5.064	5.044
UL	5.175	5.175	5.175	5.175	5.175	5.175

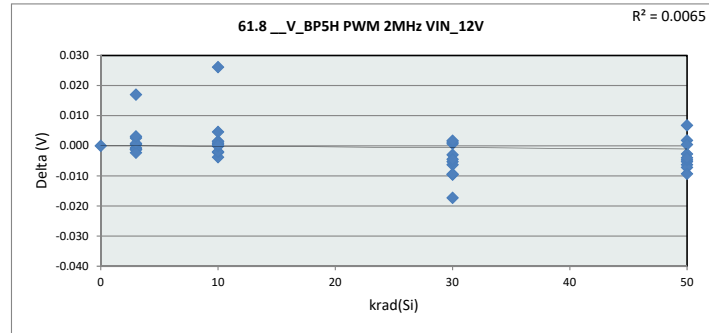


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TPS7H6003-SP (5962R2220101VXC)

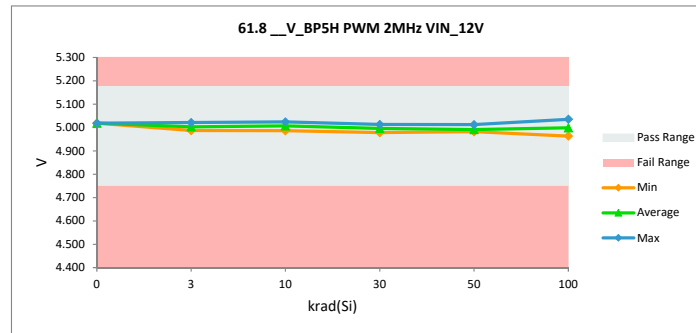
61.8 __V_BP5H PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.019	5.019	0.000
3	58	5.022	5.021	-0.001
3	59	5.008	5.007	-0.001
3	60	5.001	5.001	0.000
3	61	4.995	4.994	-0.001
3	62	4.989	4.987	-0.001
3	134	5.001	5.004	0.003
3	137	5.006	5.004	-0.002
3	138	4.986	5.003	0.017
3	139	4.996	4.997	0.001
3	236	5.006	5.009	0.003
10	63	4.988	4.986	-0.002
10	64	5.002	5.003	0.002
10	65	5.021	5.022	0.001
10	66	4.992	4.989	-0.004
10	150	5.008	5.006	-0.002
10	237	4.983	5.009	0.026
10	241	4.999	5.004	0.005
10	242	5.023	5.024	0.001
10	243	5.022	5.022	0.000
10	244	5.004	5.005	0.000
30	141	5.011	5.011	0.001
30	144	4.984	4.978	-0.006
30	145	5.013	5.008	-0.005
30	146	4.996	4.986	-0.010
30	147	4.998	4.995	-0.003
30	132	5.010	5.001	-0.009
30	133	5.000	5.001	0.001
30	135	5.006	4.989	-0.017
30	245	5.011	5.013	0.002
30	246	4.983	4.979	-0.004
50	67	5.011	5.012	0.002
50	68	5.000	5.007	0.007
50	69	4.990	4.985	-0.005
50	71	4.991	4.989	-0.003
50	72	4.984	4.984	0.000
50	172	4.994	4.988	-0.006
50	173	4.992	4.985	-0.007
50	174	5.003	4.993	-0.009
50	183	4.987	4.982	-0.005
50	186	4.989	4.985	-0.004
100	95	4.989	4.978	-0.010
100	102	4.985	4.991	0.006
100	104	5.007	5.026	0.020
100	105	5.000	5.021	0.021
100	106	4.991	4.964	-0.028
100	178	4.995	4.987	-0.008
100	179	4.997	4.996	-0.002
100	180	4.992	4.993	0.000
100	181	5.022	4.998	-0.024
100	182	5.012	5.036	0.023
Max		5.023	5.036	0.026
Average		5.000	5.000	-0.001
Min		4.983	4.964	-0.028
Std Dev		0.011	0.015	0.010



61.8 __V_BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.019	4.987	4.986	4.978	4.982	4.964
Average	5.019	5.003	5.007	4.996	4.991	4.999
Max	5.019	5.021	5.024	5.013	5.013	5.036
UL	5.175	5.175	5.175	5.175	5.175	5.175

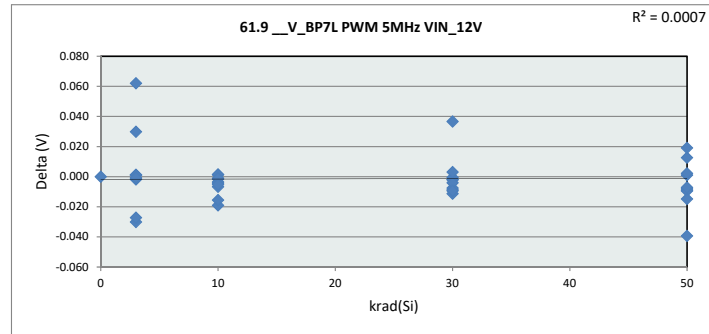


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TPS7H6003-SP (5962R2220101VXC)

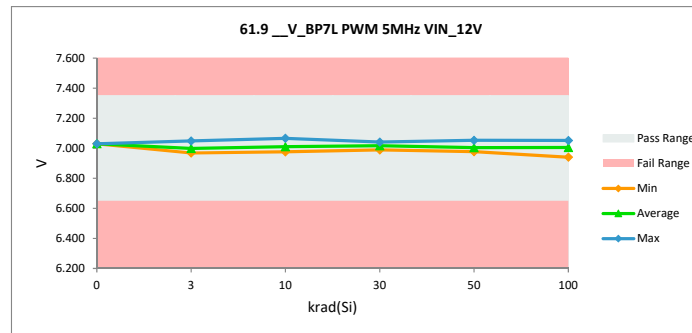
61.9 _V_BP7L PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.030	7.030	0.000
3	58	7.048	7.049	0.001
3	59	7.005	7.006	0.001
3	60	6.979	6.980	0.001
3	61	6.992	6.990	-0.002
3	62	6.970	6.968	-0.001
3	134	7.037	7.006	-0.030
3	137	6.944	7.006	0.062
3	138	7.034	7.006	-0.027
3	139	6.981	6.980	-0.001
3	236	6.965	6.995	0.030
10	63	6.979	6.976	-0.003
10	64	7.003	6.999	-0.004
10	65	7.029	7.030	0.001
10	66	7.025	7.023	-0.002
10	150	7.020	7.013	-0.007
10	237	7.014	6.995	-0.019
10	241	7.022	7.006	-0.016
10	242	6.997	6.998	0.002
10	243	6.999	6.998	-0.001
10	244	7.071	7.066	-0.005
30	141	7.039	7.037	-0.002
30	144	6.992	6.992	-0.001
30	145	7.036	7.034	-0.002
30	146	7.012	7.004	-0.009
30	147	7.016	7.008	-0.008
30	132	7.037	7.041	0.003
30	133	7.035	7.024	-0.011
30	135	6.997	7.034	0.037
30	245	6.993	6.989	-0.004
30	246	7.007	6.998	-0.009
50	67	7.041	7.032	-0.008
50	68	6.987	6.978	-0.009
50	69	7.040	7.052	0.013
50	71	6.987	6.978	-0.009
50	72	7.002	6.995	-0.007
50	172	7.017	6.977	-0.039
50	173	7.031	7.016	-0.015
50	174	6.994	7.013	0.019
50	183	7.013	7.014	0.001
50	186	6.983	6.985	0.002
100	95	6.996	7.028	0.032
100	102	6.949	6.941	-0.009
100	104	7.030	7.014	-0.016
100	105	7.018	6.989	-0.030
100	106	6.943	6.942	-0.001
100	178	7.047	7.029	-0.018
100	179	6.984	7.034	0.051
100	180	7.012	7.004	-0.008
100	181	7.022	7.012	-0.009
100	182	7.024	7.051	0.027
Max		7.071	7.066	0.062
Average		7.008	7.007	-0.001
Min		6.943	6.941	-0.039
Std Dev		0.028	0.026	0.019



61.9 _V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.030	6.968	6.976	6.989	6.978	6.941
Average	7.030	6.999	7.011	7.016	7.004	7.004
Max	7.030	7.049	7.066	7.041	7.052	7.051
UL	7.350	7.350	7.350	7.350	7.350	7.350

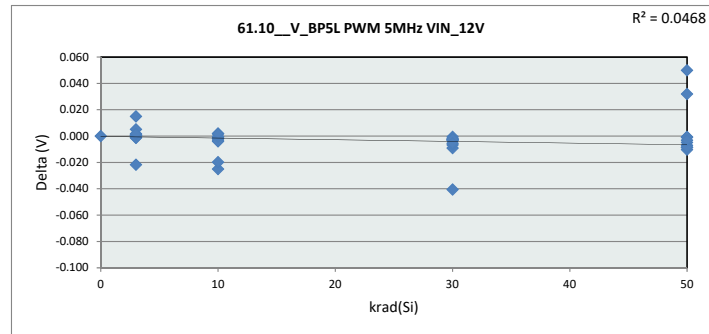


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TPS7H6003-SP (5962R2220101VXC)

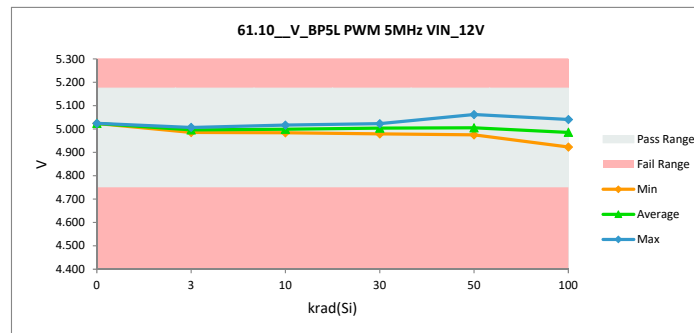
61.10_V_BP5L PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.024	5.024	0.000
3	58	4.994	4.994	0.001
3	59	4.984	4.985	0.001
3	60	4.996	4.997	0.000
3	61	4.995	4.994	-0.001
3	62	5.006	5.007	0.001
3	134	4.992	4.997	0.005
3	137	4.982	4.997	0.015
3	138	4.999	4.997	-0.001
3	139	5.001	5.003	0.002
3	236	5.013	4.992	-0.022
10	63	5.006	5.003	-0.003
10	64	4.991	4.990	0.000
10	65	5.018	5.016	-0.002
10	66	5.005	5.003	-0.002
10	150	4.998	4.994	-0.004
10	237	5.016	4.991	-0.025
10	241	5.017	4.997	-0.020
10	242	4.984	4.984	0.000
10	243	5.006	5.008	0.002
10	244	5.001	5.003	0.002
30	141	5.005	5.002	-0.003
30	144	5.017	5.016	-0.001
30	145	5.014	5.010	-0.003
30	146	4.995	4.986	-0.009
30	147	5.025	5.023	-0.002
30	132	4.996	4.994	-0.003
30	133	5.010	5.008	-0.002
30	135	5.019	4.979	-0.041
30	245	5.007	5.000	-0.007
30	246	5.022	5.017	-0.006
50	67	4.984	4.980	-0.005
50	68	4.995	5.027	0.032
50	69	5.012	5.005	-0.007
50	71	5.003	5.002	-0.001
50	72	5.003	4.994	-0.009
50	172	5.012	5.062	0.050
50	173	4.985	4.975	-0.010
50	174	5.019	5.010	-0.009
50	183	5.008	5.007	-0.001
50	186	4.993	4.990	-0.003
100	95	4.999	4.979	-0.020
100	102	5.007	5.004	-0.002
100	104	4.993	4.971	-0.023
100	105	4.990	5.040	0.050
100	106	4.999	4.923	-0.076
100	178	5.015	5.020	0.005
100	179	4.988	4.963	-0.025
100	180	5.020	4.949	-0.071
100	181	5.002	4.989	-0.013
100	182	5.011	5.019	0.008
Max		5.025	5.062	0.050
Average		5.003	4.998	-0.005
Min		4.982	4.923	-0.076
Std Dev		0.012	0.022	0.021



61.10_V_BP5L PWM 5MHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.024	4.985	4.984	4.979	4.975	4.923
Average	5.024	4.996	4.999	5.003	5.005	4.986
Max	5.024	5.007	5.017	5.023	5.062	5.040
UL	5.175	5.175	5.175	5.175	5.175	5.175

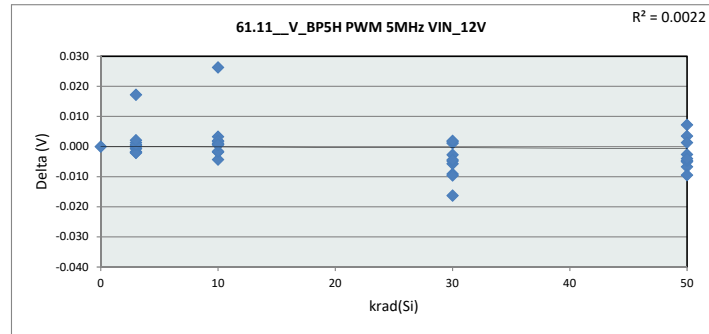


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TPS7H6003-SP (5962R2220101VXC)

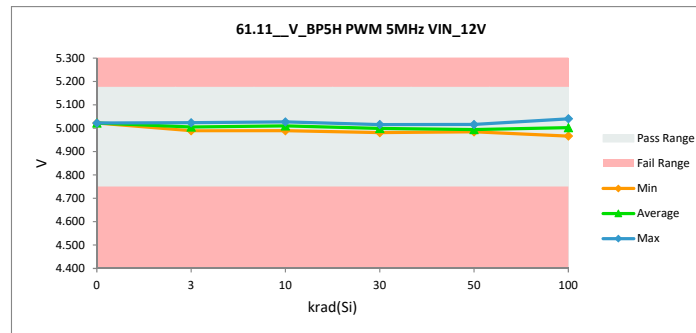
61.11_V_BP5H PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.022	5.022	0.000
3	58	5.024	5.024	-0.001
3	59	5.010	5.010	0.000
3	60	5.004	5.004	0.000
3	61	4.998	4.996	-0.002
3	62	4.991	4.989	-0.002
3	134	5.004	5.006	0.001
3	137	5.008	5.006	-0.002
3	138	4.988	5.005	0.017
3	139	4.999	4.999	0.001
3	236	5.010	5.012	0.002
10	63	4.991	4.989	-0.002
10	64	5.004	5.006	0.002
10	65	5.024	5.025	0.001
10	66	4.995	4.991	-0.004
10	150	5.011	5.010	-0.002
10	237	4.985	5.012	0.026
10	241	5.002	5.005	0.003
10	242	5.025	5.027	0.002
10	243	5.024	5.025	0.001
10	244	5.007	5.008	0.001
30	141	5.013	5.014	0.001
30	144	4.987	4.981	-0.006
30	145	5.015	5.010	-0.005
30	146	4.998	4.989	-0.009
30	147	5.000	4.998	-0.003
30	132	5.013	5.003	-0.010
30	133	5.002	5.004	0.002
30	135	5.008	4.991	-0.016
30	245	5.014	5.016	0.002
30	246	4.986	4.982	-0.004
50	67	5.012	5.016	0.003
50	68	5.003	5.010	0.007
50	69	4.993	4.988	-0.005
50	71	4.994	4.991	-0.003
50	72	4.986	4.987	0.001
50	172	4.996	4.991	-0.005
50	173	4.995	4.988	-0.007
50	174	5.006	4.996	-0.010
50	183	4.989	4.985	-0.005
50	186	4.992	4.988	-0.004
100	95	4.991	4.981	-0.011
100	102	4.988	4.995	0.007
100	104	5.009	5.030	0.022
100	105	5.002	5.025	0.023
100	106	4.994	4.966	-0.028
100	178	4.997	4.990	-0.007
100	179	5.000	4.998	-0.002
100	180	4.995	4.995	0.000
100	181	5.024	4.999	-0.025
100	182	5.014	5.040	0.026
Max		5.025	5.040	0.026
Average		5.003	5.002	0.000
Min		4.985	4.966	-0.028
Std Dev		0.011	0.015	0.010



61.11_V_BP5H PW		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.022	4.989	4.989	4.981	4.985	4.966
Average	5.022	5.005	5.010	4.999	4.994	5.002
Max	5.022	5.024	5.027	5.016	5.016	5.040
UL	5.175	5.175	5.175	5.175	5.175	5.175

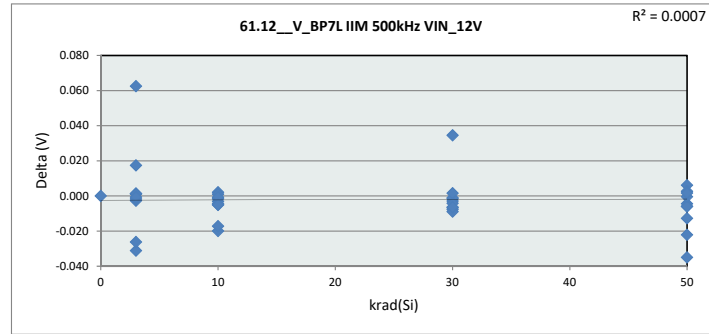


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

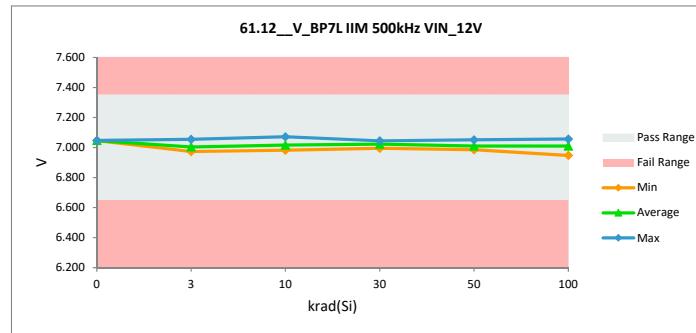
61.12_V_BP7L IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.047	7.047	0.000
3	58	7.053	7.054	0.001
3	59	7.011	7.012	0.001
3	60	6.984	6.985	0.001
3	61	6.995	6.992	-0.003
3	62	6.975	6.973	-0.002
3	134	7.043	7.012	-0.031
3	137	6.950	7.012	0.063
3	138	7.038	7.012	-0.026
3	139	6.986	6.986	-0.001
3	236	6.983	7.001	0.017
10	63	6.985	6.982	-0.003
10	64	7.008	7.004	-0.004
10	65	7.035	7.037	0.002
10	66	7.030	7.028	-0.002
10	150	7.027	7.022	-0.005
10	237	7.021	7.001	-0.020
10	241	7.029	7.012	-0.017
10	242	7.003	7.004	0.001
10	243	7.004	7.003	-0.001
10	244	7.077	7.072	-0.005
30	141	7.044	7.041	-0.003
30	144	6.998	6.997	-0.002
30	145	7.041	7.039	-0.001
30	146	7.017	7.010	-0.008
30	147	7.021	7.014	-0.007
30	132	7.043	7.045	0.002
30	133	7.042	7.033	-0.009
30	135	7.004	7.039	0.035
30	245	6.999	6.995	-0.004
30	246	7.014	7.007	-0.006
50	67	7.045	7.040	-0.004
50	68	7.008	6.985	-0.022
50	69	7.044	7.051	0.006
50	71	6.991	6.985	-0.006
50	72	7.007	7.001	-0.006
50	172	7.025	6.990	-0.035
50	173	7.037	7.024	-0.013
50	174	7.012	7.015	0.003
50	183	7.019	7.018	0.000
50	186	6.988	6.989	0.002
100	95	7.002	7.029	0.027
100	102	6.955	6.948	-0.007
100	104	7.036	7.023	-0.013
100	105	7.023	6.998	-0.025
100	106	6.948	6.948	0.000
100	178	7.053	7.036	-0.017
100	179	6.988	7.034	0.045
100	180	7.023	7.011	-0.012
100	181	7.028	7.017	-0.010
100	182	7.029	7.057	0.027
Max		7.077	7.072	0.063
Average		7.015	7.013	-0.002
Min		6.948	6.948	-0.035
Std Dev		0.027	0.026	0.017



61.12_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.047	6.973	6.982	6.995	6.985	6.948
Average	7.047	7.004	7.016	7.022	7.010	7.010
Max	7.047	7.054	7.072	7.045	7.051	7.057
UL	7.350	7.350	7.350	7.350	7.350	7.350

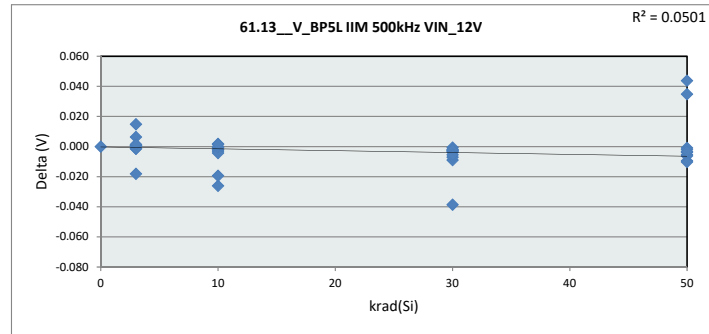


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

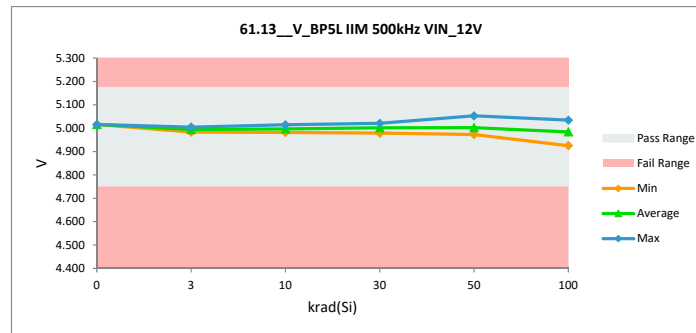
61.13_V_BP5L IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	5.016	5.016	0.000
3	58	4.991	4.992	0.000
3	59	4.983	4.983	0.000
3	60	4.994	4.994	0.000
3	61	4.993	4.992	-0.001
3	62	5.004	5.005	0.001
3	134	4.989	4.996	0.006
3	137	4.981	4.996	0.015
3	138	4.997	4.996	-0.001
3	139	4.999	5.001	0.002
3	236	5.007	4.989	-0.018
10	63	5.004	5.001	-0.003
10	64	4.989	4.988	-0.001
10	65	5.016	5.015	-0.002
10	66	5.004	5.002	-0.002
10	150	4.996	4.991	-0.004
10	237	5.015	4.989	-0.026
10	241	5.015	4.996	-0.019
10	242	4.982	4.981	0.000
10	243	5.004	5.006	0.002
10	244	4.999	5.000	0.001
30	141	5.004	5.001	-0.003
30	144	5.015	5.014	-0.001
30	145	5.012	5.008	-0.004
30	146	4.993	4.984	-0.009
30	147	5.023	5.021	-0.002
30	132	4.994	4.991	-0.003
30	133	5.008	5.005	-0.002
30	135	5.017	4.979	-0.039
30	245	5.005	4.998	-0.007
30	246	5.020	5.015	-0.005
50	67	4.983	4.978	-0.005
50	68	4.989	5.023	0.035
50	69	5.010	5.003	-0.006
50	71	5.002	5.001	-0.001
50	72	5.001	4.992	-0.010
50	172	5.009	5.053	0.044
50	173	4.983	4.973	-0.010
50	174	5.012	5.008	-0.004
50	183	5.006	5.004	-0.002
50	186	4.991	4.988	-0.003
100	95	4.997	4.977	-0.019
100	102	5.005	5.002	-0.003
100	104	4.992	4.969	-0.023
100	105	4.989	5.035	0.046
100	106	4.997	4.925	-0.071
100	178	5.013	5.016	0.003
100	179	4.986	4.964	-0.022
100	180	5.017	4.951	-0.067
100	181	5.000	4.987	-0.013
100	182	5.009	5.015	0.006
Max		5.023	5.053	0.046
Average		5.001	4.996	-0.005
Min		4.981	4.925	-0.071
Std Dev		0.011	0.020	0.019



61.13_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.983	4.981	4.979	4.973	4.925
Average	5.016	4.994	4.997	5.002	5.002	4.984
Max	5.016	5.005	5.015	5.021	5.053	5.035
UL	5.175	5.175	5.175	5.175	5.175	5.175



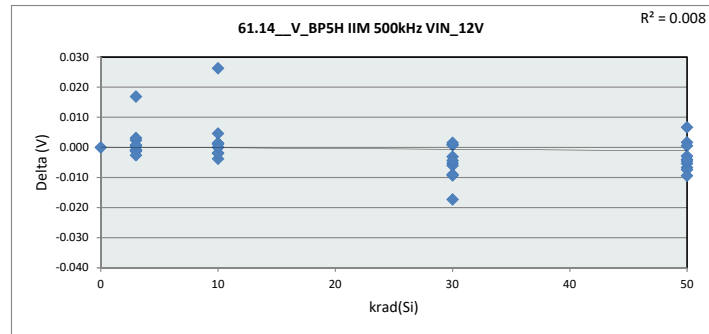
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

61.14_V_BP5H IIM 500kHz VIN

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

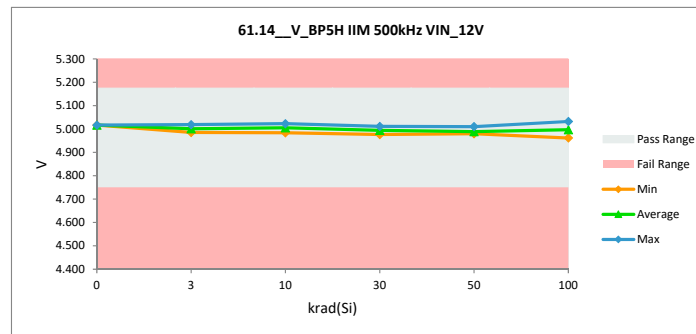
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.019	5.019	-0.001
3	59	5.006	5.005	-0.001
3	60	4.999	4.999	0.000
3	61	4.992	4.992	-0.001
3	62	4.986	4.985	-0.001
3	134	4.999	5.001	0.002
3	137	5.004	5.001	-0.003
3	138	4.984	5.001	0.017
3	139	4.994	4.995	0.001
3	236	5.004	5.007	0.003
10	63	4.986	4.984	-0.002
10	64	5.000	5.001	0.001
10	65	5.019	5.020	0.001
10	66	4.990	4.986	-0.004
10	150	5.006	5.004	-0.002
10	237	4.981	5.008	0.026
10	241	4.997	5.001	0.005
10	242	5.021	5.022	0.001
10	243	5.020	5.020	0.000
10	244	5.002	5.002	0.000
30	141	5.009	5.009	0.001
30	144	4.982	4.976	-0.006
30	145	5.011	5.006	-0.005
30	146	4.993	4.984	-0.009
30	147	4.996	4.993	-0.003
30	132	5.008	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.004	4.987	-0.017
30	245	5.009	5.011	0.001
30	246	4.981	4.977	-0.004
50	67	5.009	5.010	0.002
50	68	4.998	5.005	0.007
50	69	4.988	4.983	-0.005
50	71	4.989	4.986	-0.003
50	72	4.982	4.982	0.000
50	172	4.992	4.985	-0.007
50	173	4.990	4.983	-0.007
50	174	5.000	4.991	-0.009
50	183	4.984	4.980	-0.005
50	186	4.986	4.983	-0.004
100	95	4.986	4.976	-0.010
100	102	4.983	4.989	0.005
100	104	5.004	5.024	0.019
100	105	4.998	5.019	0.021
100	106	4.989	4.962	-0.028
100	178	4.992	4.984	-0.008
100	179	4.996	4.993	-0.002
100	180	4.990	4.991	0.000
100	181	5.020	4.996	-0.024
100	182	5.010	5.032	0.022
Max		5.021	5.032	0.026
Average		4.998	4.997	-0.001
Min		4.981	4.962	-0.028
Std Dev		0.012	0.015	0.010



61.14_V_BP5H IIM

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	5.175 V
Min Limit	4.75 V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.985	4.984	4.976	4.980	4.962
Average	5.017	5.001	5.005	4.994	4.989	4.997
Max	5.017	5.019	5.022	5.011	5.010	5.032
UL	5.175	5.175	5.175	5.175	5.175	5.175

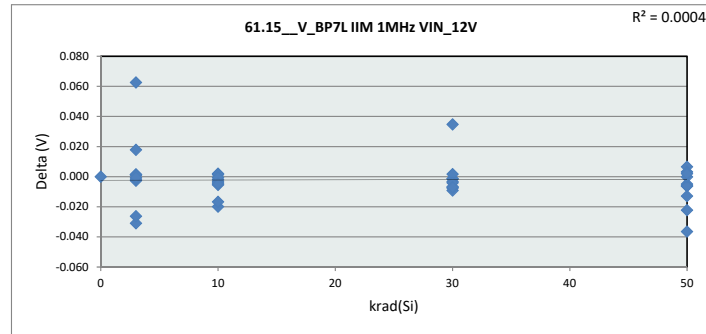


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TPS7H6003-SP (5962R2220101VXC)

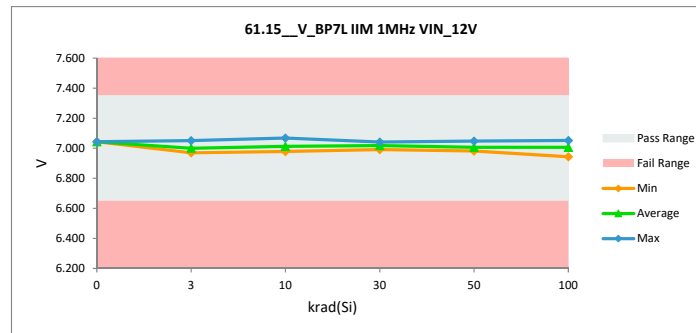
61.15_V_BP7L IIM 1MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	7.043	7.043	0.000
3	58	7.049	7.051	0.001
3	59	7.007	7.009	0.002
3	60	6.980	6.982	0.001
3	61	6.991	6.989	-0.003
3	62	6.971	6.969	-0.002
3	134	7.039	7.009	-0.031
3	137	6.946	7.009	0.063
3	138	7.035	7.009	-0.026
3	139	6.982	6.982	0.000
3	236	6.979	6.997	0.018
10	63	6.981	6.978	-0.003
10	64	7.004	7.000	-0.004
10	65	7.030	7.032	0.002
10	66	7.025	7.024	-0.002
10	150	7.023	7.018	-0.005
10	237	7.017	6.997	-0.020
10	241	7.025	7.008	-0.017
10	242	6.999	7.000	0.001
10	243	7.000	6.999	-0.001
10	244	7.073	7.068	-0.005
30	141	7.040	7.037	-0.003
30	144	6.994	6.993	-0.002
30	145	7.037	7.035	-0.001
30	146	7.014	7.006	-0.008
30	147	7.017	7.010	-0.007
30	132	7.039	7.041	0.002
30	133	7.038	7.029	-0.009
30	135	7.000	7.035	0.035
30	245	6.995	6.991	-0.004
30	246	7.010	7.003	-0.007
50	67	7.041	7.036	-0.005
50	68	7.003	6.981	-0.022
50	69	7.041	7.047	0.007
50	71	6.987	6.981	-0.006
50	72	7.003	6.997	-0.006
50	172	7.021	6.984	-0.036
50	173	7.033	7.020	-0.013
50	174	7.009	7.012	0.003
50	183	7.015	7.015	0.000
50	186	6.984	6.986	0.002
100	95	6.998	7.025	0.027
100	102	6.951	6.944	-0.007
100	104	7.032	7.018	-0.014
100	105	7.019	6.993	-0.026
100	106	6.944	6.943	-0.001
100	178	7.049	7.032	-0.017
100	179	6.984	7.030	0.046
100	180	7.019	7.007	-0.012
100	181	7.024	7.014	-0.010
100	182	7.025	7.051	0.026
Max		7.073	7.068	0.063
Average		7.011	7.009	-0.002
Min		6.944	6.943	-0.036
Std Dev		0.027	0.026	0.017



61.15_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.043	6.969	6.978	6.991	6.981	6.943
Average	7.043	7.000	7.012	7.018	7.006	7.006
Max	7.043	7.051	7.068	7.041	7.047	7.052
UL	7.350	7.350	7.350	7.350	7.350	7.350

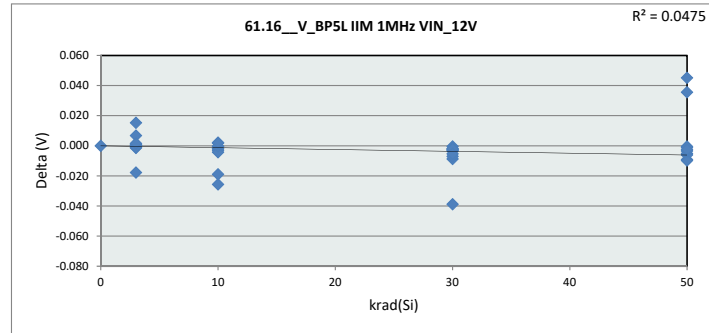


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

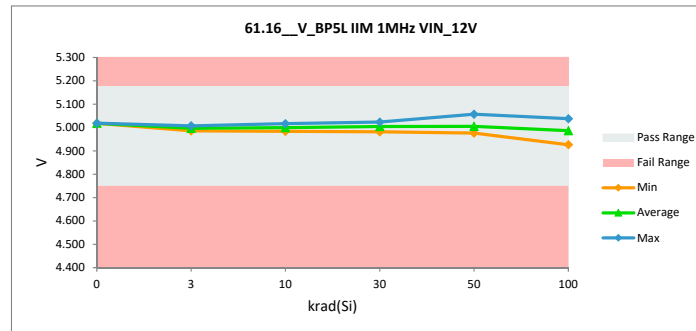
61.16_V_BP5L IIM 1MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.018	5.018	0.000
3	58	4.994	4.994	0.000
3	59	4.985	4.985	0.000
3	60	4.997	4.997	0.000
3	61	4.996	4.994	-0.001
3	62	5.006	5.007	0.001
3	134	4.991	4.998	0.007
3	137	4.983	4.998	0.015
3	138	4.999	4.998	-0.001
3	139	5.001	5.003	0.002
3	236	5.009	4.991	-0.018
10	63	5.006	5.003	-0.003
10	64	4.991	4.991	0.000
10	65	5.019	5.017	-0.002
10	66	5.006	5.004	-0.002
10	150	4.998	4.994	-0.004
10	237	5.017	4.992	-0.026
10	241	5.017	4.998	-0.019
10	242	4.984	4.984	0.000
10	243	5.006	5.009	0.002
10	244	5.001	5.003	0.002
30	141	5.006	5.003	-0.003
30	144	5.017	5.016	0.000
30	145	5.014	5.011	-0.003
30	146	4.995	4.987	-0.009
30	147	5.025	5.023	-0.002
30	132	4.996	4.993	-0.003
30	133	5.010	5.008	-0.002
30	135	5.020	4.981	-0.039
30	245	5.008	5.001	-0.007
30	246	5.022	5.017	-0.005
50	67	4.985	4.980	-0.005
50	68	4.991	5.026	0.036
50	69	5.012	5.006	-0.006
50	71	5.004	5.003	0.000
50	72	5.003	4.994	-0.009
50	172	5.012	5.057	0.045
50	173	4.985	4.976	-0.010
50	174	5.014	5.011	-0.003
50	183	5.008	5.007	-0.001
50	186	4.993	4.990	-0.003
100	95	4.999	4.980	-0.019
100	102	5.007	5.004	-0.002
100	104	4.994	4.971	-0.023
100	105	4.991	5.038	0.047
100	106	4.999	4.926	-0.072
100	178	5.015	5.019	0.004
100	179	4.989	4.966	-0.022
100	180	5.020	4.952	-0.067
100	181	5.002	4.990	-0.012
100	182	5.011	5.018	0.007
Max		5.025	5.057	0.047
Average		5.003	4.999	-0.005
Min		4.983	4.926	-0.072
Std Dev		0.011	0.020	0.020



61.16_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.985	4.984	4.981	4.976	4.927
Average	5.018	4.997	4.999	5.004	5.005	4.987
Max	5.018	5.007	5.017	5.023	5.057	5.038
UL	5.175	5.175	5.175	5.175	5.175	5.175

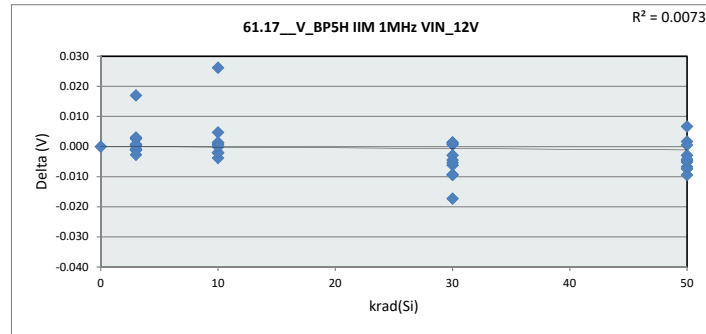


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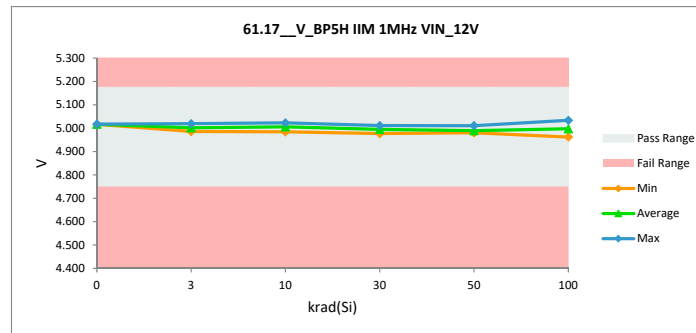
61.17_V_BP5H IIM 1MHz VIN_		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.020	5.019	-0.001
3	59	5.007	5.006	-0.001
3	60	5.000	5.000	0.000
3	61	4.993	4.992	-0.001
3	62	4.987	4.986	-0.001
3	134	4.999	5.002	0.003
3	137	5.005	5.002	-0.003
3	138	4.985	5.002	0.017
3	139	4.995	4.996	0.001
3	236	5.005	5.008	0.003
10	63	4.987	4.985	-0.002
10	64	5.001	5.002	0.001
10	65	5.019	5.020	0.001
10	66	4.991	4.987	-0.004
10	150	5.007	5.005	-0.002
10	237	4.982	5.008	0.026
10	241	4.997	5.002	0.005
10	242	5.022	5.023	0.001
10	243	5.021	5.021	0.000
10	244	5.003	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.983	4.977	-0.006
30	145	5.011	5.006	-0.005
30	146	4.994	4.984	-0.009
30	147	4.997	4.994	-0.003
30	132	5.009	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.005	4.988	-0.017
30	245	5.010	5.011	0.001
30	246	4.982	4.977	-0.004
50	67	5.009	5.011	0.002
50	68	4.999	5.005	0.007
50	69	4.989	4.984	-0.005
50	71	4.990	4.987	-0.003
50	72	4.982	4.983	0.001
50	172	4.992	4.986	-0.007
50	173	4.991	4.984	-0.007
50	174	5.001	4.992	-0.009
50	183	4.985	4.980	-0.005
50	186	4.987	4.983	-0.004
100	95	4.987	4.977	-0.010
100	102	4.984	4.990	0.005
100	104	5.005	5.025	0.020
100	105	4.998	5.019	0.021
100	106	4.990	4.962	-0.027
100	178	4.993	4.985	-0.008
100	179	4.996	4.994	-0.002
100	180	4.991	4.991	0.000
100	181	5.021	4.997	-0.024
100	182	5.010	5.034	0.023
Max		5.022	5.034	0.026
Average		4.999	4.998	-0.001
Min		4.982	4.962	-0.027
Std Dev		0.011	0.015	0.010



61.17_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.986	4.985	4.977	4.980	4.962
Average	5.017	5.001	5.005	4.995	4.989	4.997
Max	5.017	5.019	5.023	5.011	5.011	5.034
UL	5.175	5.175	5.175	5.175	5.175	5.175

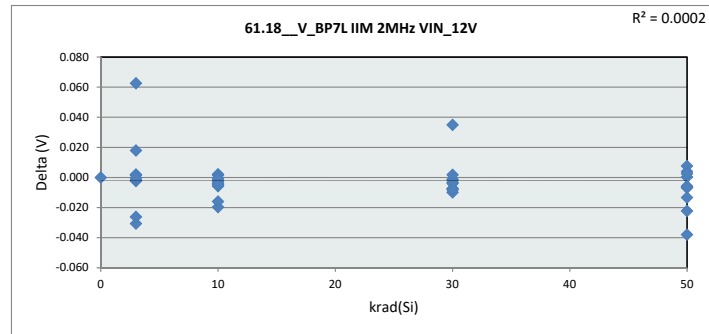


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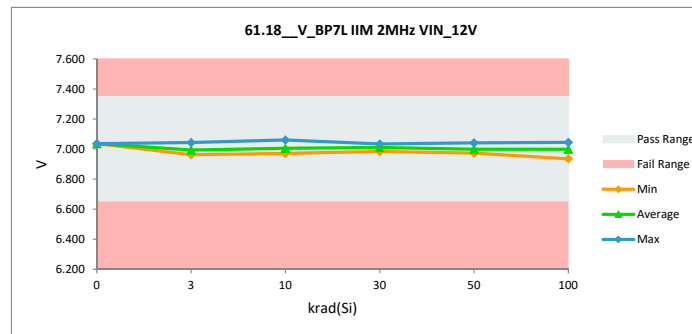
61.18 V_BP7L IIM 2MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	7.036	7.036	0.000
3	58	7.041	7.043	0.002
3	59	7.000	7.001	0.002
3	60	6.972	6.974	0.002
3	61	6.984	6.982	-0.002
3	62	6.963	6.962	-0.002
3	134	7.032	7.001	-0.031
3	137	6.939	7.001	0.063
3	138	7.027	7.001	-0.026
3	139	6.975	6.975	0.000
3	236	6.971	6.990	0.018
10	63	6.974	6.971	-0.003
10	64	6.997	6.993	-0.004
10	65	7.022	7.024	0.002
10	66	7.017	7.016	-0.002
10	150	7.016	7.010	-0.006
10	237	7.009	6.990	-0.020
10	241	7.017	7.001	-0.016
10	242	6.991	6.993	0.002
10	243	6.992	6.992	0.000
10	244	7.065	7.061	-0.005
30	141	7.032	7.029	-0.003
30	144	6.987	6.985	-0.002
30	145	7.029	7.028	-0.001
30	146	7.006	6.998	-0.008
30	147	7.009	7.002	-0.007
30	132	7.032	7.034	0.002
30	133	7.030	7.020	-0.010
30	135	6.992	7.027	0.035
30	245	6.987	6.983	-0.004
30	246	7.002	6.994	-0.008
50	67	7.033	7.027	-0.006
50	68	6.995	6.973	-0.022
50	69	7.034	7.041	0.008
50	71	6.980	6.973	-0.007
50	72	6.995	6.989	-0.006
50	172	7.013	6.975	-0.038
50	173	7.025	7.012	-0.013
50	174	7.001	7.005	0.004
50	183	7.008	7.008	0.000
50	186	6.977	6.979	0.003
100	95	6.990	7.017	0.027
100	102	6.944	6.935	-0.008
100	104	7.024	7.010	-0.015
100	105	7.011	6.984	-0.027
100	106	6.936	6.935	-0.001
100	178	7.041	7.024	-0.017
100	179	6.977	7.025	0.048
100	180	7.011	6.999	-0.012
100	181	7.016	7.006	-0.009
100	182	7.018	7.044	0.026
Max		7.065	7.061	0.063
Average		7.003	7.002	-0.002
Min		6.936	6.935	-0.038
Std Dev		0.027	0.026	0.018



61.18 V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.036	6.962	6.971	6.983	6.973	6.935
Average	7.036	6.993	7.005	7.010	6.998	6.998
Max	7.036	7.043	7.061	7.034	7.041	7.044
UL	7.350	7.350	7.350	7.350	7.350	7.350

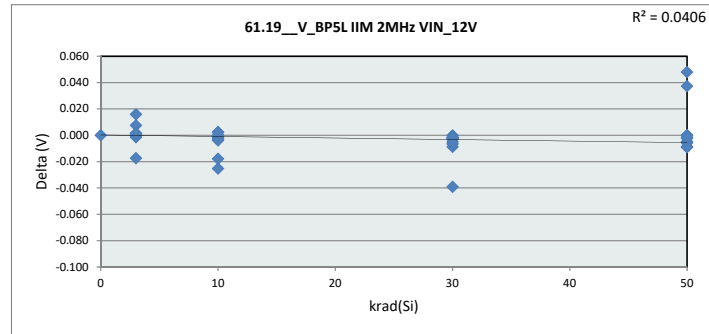


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TPS7H6003-SP (5962R2220101VXC)

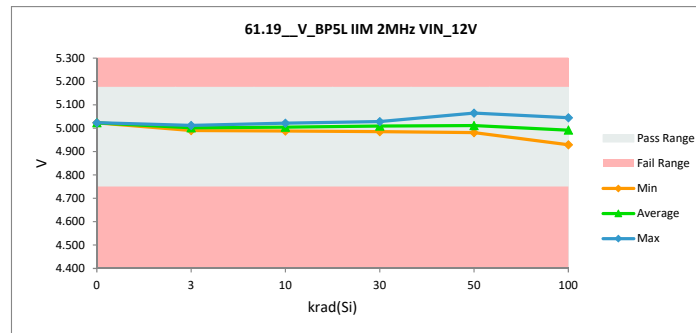
61.19 V_BP5L IIM 2MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.023	5.023	0.000
3	58	4.998	4.999	0.000
3	59	4.990	4.990	0.000
3	60	5.002	5.001	0.000
3	61	5.001	4.999	-0.002
3	62	5.011	5.012	0.001
3	134	4.996	5.003	0.008
3	137	4.987	5.003	0.016
3	138	5.004	5.004	0.000
3	139	5.006	5.007	0.002
3	236	5.014	4.996	-0.017
10	63	5.011	5.008	-0.003
10	64	4.995	4.995	0.000
10	65	5.023	5.021	-0.002
10	66	5.011	5.009	-0.002
10	150	5.003	4.999	-0.004
10	237	5.022	4.996	-0.025
10	241	5.021	5.003	-0.018
10	242	4.988	4.988	0.000
10	243	5.011	5.013	0.002
10	244	5.006	5.008	0.002
30	141	5.011	5.008	-0.003
30	144	5.022	5.021	0.000
30	145	5.018	5.015	-0.003
30	146	5.000	4.991	-0.009
30	147	5.029	5.028	-0.001
30	132	5.000	4.999	-0.002
30	133	5.014	5.012	-0.002
30	135	5.024	4.985	-0.039
30	245	5.012	5.006	-0.007
30	246	5.026	5.021	-0.005
50	67	4.990	4.985	-0.005
50	68	4.996	5.033	0.037
50	69	5.017	5.011	-0.006
50	71	5.009	5.009	0.000
50	72	5.007	4.999	-0.009
50	172	5.017	5.065	0.048
50	173	4.990	4.981	-0.009
50	174	5.019	5.017	-0.002
50	183	5.013	5.013	0.000
50	186	4.997	4.996	-0.002
100	95	5.003	4.985	-0.018
100	102	5.011	5.009	-0.002
100	104	4.998	4.976	-0.022
100	105	4.995	5.045	0.049
100	106	5.003	4.929	-0.074
100	178	5.020	5.027	0.006
100	179	4.993	4.971	-0.022
100	180	5.024	4.956	-0.068
100	181	5.007	4.996	-0.011
100	182	5.015	5.024	0.009
Max		5.029	5.065	0.049
Average		5.008	5.004	-0.004
Min		4.987	4.929	-0.074
Std Dev		0.011	0.021	0.020



61.19 V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.023	4.990	4.988	4.985	4.981	4.929
Average	5.023	5.001	5.004	5.009	5.011	4.992
Max	5.023	5.012	5.021	5.028	5.065	5.045
UL	5.175	5.175	5.175	5.175	5.175	5.175

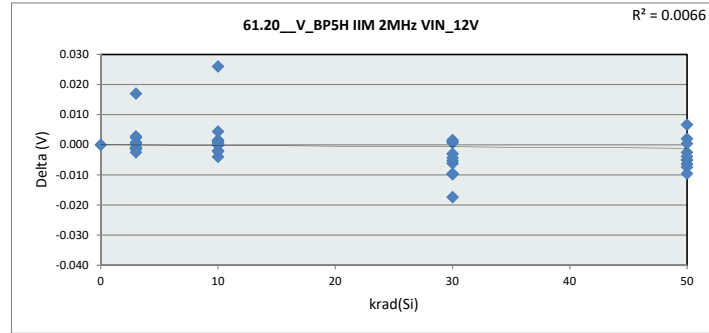


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TPS7H6003-SP (5962R2220101VXC)

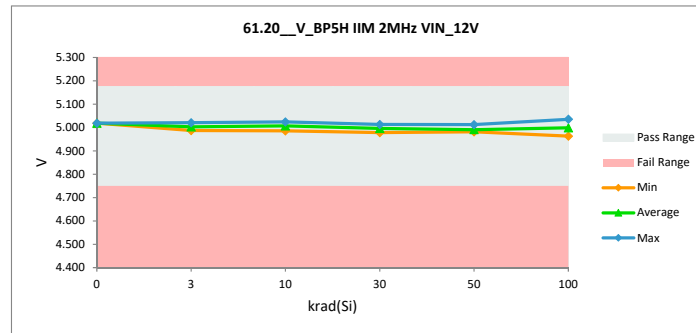
61.20_V_BP5H IIM 2MHz VIN_		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.018	5.018	0.000
3	58	5.022	5.021	-0.001
3	59	5.008	5.007	-0.001
3	60	5.001	5.001	0.000
3	61	4.995	4.994	-0.001
3	62	4.988	4.987	-0.001
3	134	5.001	5.003	0.002
3	137	5.006	5.003	-0.003
3	138	4.986	5.003	0.017
3	139	4.996	4.997	0.001
3	236	5.006	5.009	0.003
10	63	4.988	4.986	-0.002
10	64	5.002	5.003	0.002
10	65	5.021	5.022	0.001
10	66	4.992	4.988	-0.004
10	150	5.008	5.006	-0.002
10	237	4.983	5.009	0.026
10	241	4.999	5.003	0.004
10	242	5.023	5.024	0.001
10	243	5.022	5.022	0.000
10	244	5.004	5.005	0.000
30	141	5.011	5.011	0.001
30	144	4.984	4.978	-0.006
30	145	5.013	5.008	-0.005
30	146	4.996	4.986	-0.010
30	147	4.998	4.995	-0.003
30	132	5.010	5.000	-0.010
30	133	5.000	5.001	0.001
30	135	5.006	4.989	-0.017
30	245	5.011	5.013	0.002
30	246	4.983	4.979	-0.004
50	67	5.010	5.012	0.002
50	68	5.000	5.007	0.007
50	69	4.990	4.985	-0.005
50	71	4.991	4.989	-0.003
50	72	4.984	4.984	0.000
50	172	4.994	4.987	-0.006
50	173	4.992	4.985	-0.007
50	174	5.002	4.993	-0.010
50	183	4.986	4.982	-0.005
50	186	4.989	4.985	-0.004
100	95	4.989	4.978	-0.010
100	102	4.985	4.991	0.005
100	104	5.006	5.026	0.019
100	105	5.000	5.021	0.022
100	106	4.991	4.963	-0.028
100	178	4.994	4.986	-0.008
100	179	4.997	4.995	-0.002
100	180	4.992	4.992	0.000
100	181	5.022	4.997	-0.024
100	182	5.012	5.036	0.024
Max		5.023	5.036	0.026
Average		5.000	4.999	-0.001
Min		4.983	4.963	-0.028
Std Dev		0.011	0.015	0.010



61.20_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.018	4.987	4.986	4.978	4.982	4.963
Average	5.018	5.003	5.007	4.996	4.991	4.999
Max	5.018	5.021	5.024	5.013	5.012	5.036
UL	5.175	5.175	5.175	5.175	5.175	5.175

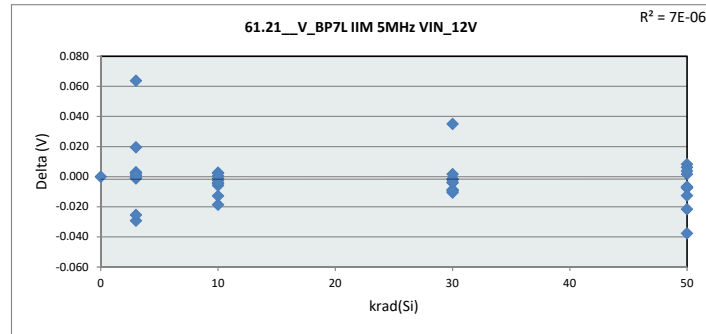


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TPS7H6003-SP (5962R2220101VXC)

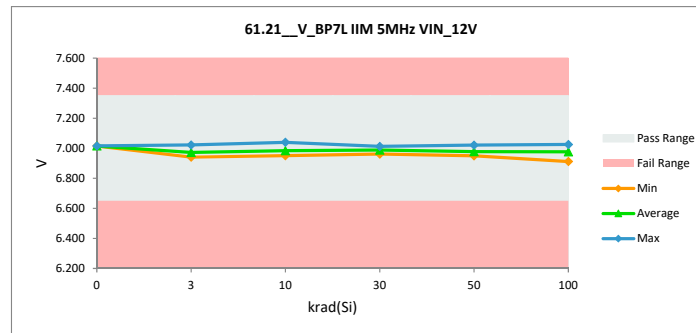
61.21 V_BP7L IIM 5MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	7.015	7.015	0.000
3	58	7.019	7.022	0.003
3	59	6.978	6.981	0.002
3	60	6.950	6.952	0.002
3	61	6.962	6.961	-0.001
3	62	6.942	6.941	-0.001
3	134	7.010	6.981	-0.029
3	137	6.918	6.981	0.064
3	138	7.006	6.981	-0.025
3	139	6.953	6.954	0.001
3	236	6.949	6.968	0.020
10	63	6.953	6.950	-0.002
10	64	6.976	6.972	-0.005
10	65	6.999	7.002	0.002
10	66	6.993	6.992	-0.001
10	150	6.993	6.987	-0.006
10	237	6.987	6.968	-0.019
10	241	6.994	6.981	-0.013
10	242	6.969	6.972	0.003
10	243	6.969	6.970	0.000
10	244	7.044	7.040	-0.004
30	141	7.009	7.005	-0.004
30	144	6.964	6.963	-0.001
30	145	7.008	7.005	-0.002
30	146	6.985	6.976	-0.009
30	147	6.986	6.978	-0.009
30	132	7.011	7.012	0.002
30	133	7.008	6.997	-0.010
30	135	6.970	7.005	0.035
30	245	6.964	6.961	-0.004
30	246	6.978	6.969	-0.010
50	67	7.010	7.003	-0.007
50	68	6.971	6.949	-0.022
50	69	7.012	7.021	0.008
50	71	6.957	6.950	-0.007
50	72	6.973	6.966	-0.007
50	172	6.991	6.954	-0.038
50	173	7.002	6.989	-0.013
50	174	6.978	6.984	0.006
50	183	6.987	6.989	0.002
50	186	6.955	6.959	0.004
100	95	6.968	6.994	0.025
100	102	6.921	6.912	-0.009
100	104	7.001	6.986	-0.016
100	105	6.989	6.961	-0.028
100	106	6.914	6.912	-0.002
100	178	7.017	7.002	-0.016
100	179	6.956	7.004	0.049
100	180	6.989	6.977	-0.011
100	181	6.993	6.985	-0.008
100	182	6.996	7.025	0.030
Max		7.044	7.040	0.064
Average		6.981	6.980	-0.002
Min		6.914	6.912	-0.038
Std Dev		0.027	0.026	0.018



61.21 V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.015	6.941	6.950	6.961	6.949	6.912
Average	7.015	6.972	6.983	6.987	6.976	6.976
Max	7.015	7.022	7.040	7.012	7.021	7.025
UL	7.350	7.350	7.350	7.350	7.350	7.350

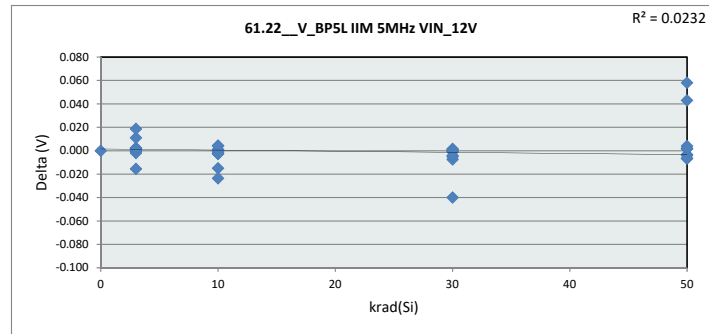


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TPS7H6003-SP (5962R2220101VXC)

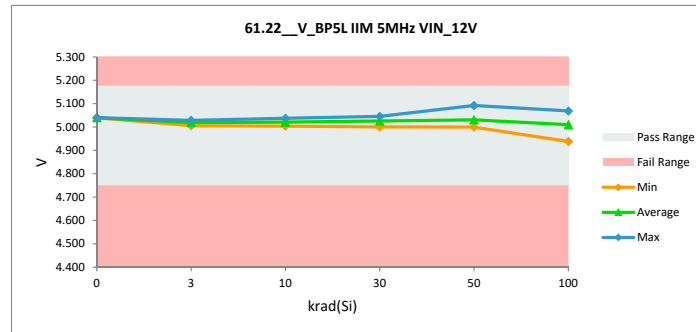
61.22_V_BP5L IIM 5MHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.040	5.040	0.000
3	58	5.015	5.015	0.000
3	59	5.005	5.006	0.000
3	60	5.018	5.018	-0.001
3	61	5.020	5.018	-0.002
3	62	5.027	5.028	0.002
3	134	5.010	5.022	0.011
3	137	5.003	5.021	0.019
3	138	5.019	5.022	0.002
3	139	5.021	5.023	0.002
3	236	5.028	5.012	-0.016
10	63	5.025	5.022	-0.003
10	64	5.010	5.010	0.001
10	65	5.038	5.037	-0.001
10	66	5.030	5.029	-0.001
10	150	5.019	5.016	-0.003
10	237	5.036	5.013	-0.024
10	241	5.036	5.022	-0.015
10	242	5.003	5.004	0.001
10	243	5.025	5.030	0.004
10	244	5.023	5.027	0.004
30	141	5.027	5.027	-0.001
30	144	5.037	5.039	0.002
30	145	5.032	5.032	-0.001
30	146	5.014	5.006	-0.007
30	147	5.044	5.045	0.001
30	132	5.016	5.017	0.000
30	133	5.030	5.029	-0.001
30	135	5.040	5.000	-0.040
30	245	5.029	5.023	-0.005
30	246	5.041	5.036	-0.004
50	67	5.006	5.003	-0.003
50	68	5.012	5.055	0.043
50	69	5.034	5.030	-0.004
50	71	5.025	5.027	0.002
50	72	5.022	5.015	-0.007
50	172	5.034	5.092	0.058
50	173	5.006	5.000	-0.007
50	174	5.036	5.038	0.002
50	183	5.029	5.033	0.004
50	186	5.012	5.014	0.002
100	95	5.018	5.002	-0.016
100	102	5.026	5.027	0.002
100	104	5.014	4.992	-0.021
100	105	5.011	5.069	0.058
100	106	5.018	4.938	-0.080
100	178	5.038	5.052	0.015
100	179	5.008	4.988	-0.020
100	180	5.039	4.968	-0.071
100	181	5.023	5.015	-0.008
100	182	5.030	5.045	0.015
Max		5.044	5.092	0.058
Average		5.024	5.021	-0.002
Min		5.003	4.938	-0.080
Std Dev		0.011	0.023	0.022



61.22_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.040	5.006	5.004	5.000	5.000	4.938
Average	5.040	5.018	5.021	5.025	5.031	5.010
Max	5.040	5.028	5.037	5.045	5.092	5.069
UL	5.175	5.175	5.175	5.175	5.175	5.175

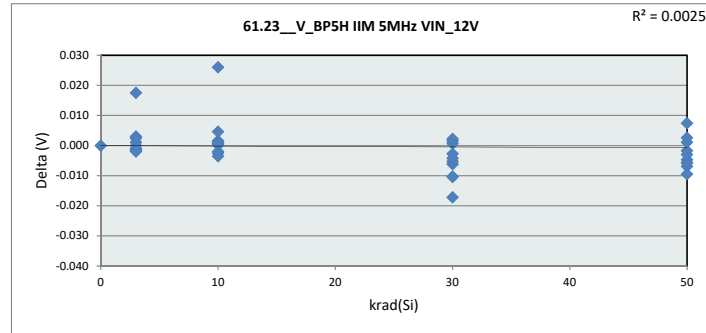


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TPS7H6003-SP (5962R2220101VXC)

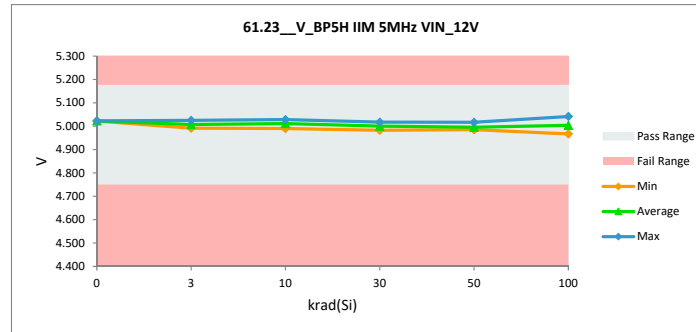
61.23 V_BP5H IIM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.023	5.023	0.000
3	58	5.026	5.025	-0.001
3	59	5.012	5.011	-0.001
3	60	5.005	5.005	0.000
3	61	4.999	4.998	-0.001
3	62	4.993	4.991	-0.002
3	134	5.005	5.008	0.003
3	137	5.010	5.008	-0.002
3	138	4.990	5.008	0.018
3	139	5.000	5.001	0.001
3	236	5.011	5.013	0.003
10	63	4.992	4.990	-0.003
10	64	5.006	5.007	0.002
10	65	5.025	5.026	0.001
10	66	4.996	4.992	-0.003
10	150	5.012	5.010	-0.002
10	237	4.987	5.013	0.026
10	241	5.004	5.008	0.005
10	242	5.027	5.028	0.001
10	243	5.026	5.026	0.000
10	244	5.009	5.009	0.001
30	141	5.015	5.016	0.001
30	144	4.988	4.982	-0.006
30	145	5.017	5.011	-0.005
30	146	5.000	4.990	-0.010
30	147	5.002	4.999	-0.003
30	132	5.014	5.003	-0.010
30	133	5.003	5.005	0.002
30	135	5.010	4.992	-0.017
30	245	5.015	5.017	0.002
30	246	4.987	4.983	-0.004
50	67	5.014	5.017	0.003
50	68	5.005	5.012	0.007
50	69	4.994	4.990	-0.005
50	71	4.995	4.993	-0.002
50	72	4.988	4.989	0.001
50	172	4.998	4.993	-0.006
50	173	4.997	4.990	-0.007
50	174	5.007	4.997	-0.010
50	183	4.991	4.985	-0.006
50	186	4.993	4.990	-0.003
100	95	4.993	4.983	-0.010
100	102	4.990	4.996	0.006
100	104	5.011	5.031	0.021
100	105	5.004	5.027	0.024
100	106	4.995	4.967	-0.028
100	178	4.998	4.991	-0.007
100	179	5.001	5.000	-0.001
100	180	4.996	4.997	0.001
100	181	5.026	5.001	-0.025
100	182	5.016	5.042	0.026
Max		5.027	5.042	0.026
Average		5.004	5.004	-0.001
Min		4.987	4.967	-0.028
Std Dev		0.011	0.015	0.010



61.23 V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.023	4.991	4.990	4.982	4.985	4.967
Average	5.023	5.007	5.011	5.000	4.995	5.003
Max	5.023	5.025	5.028	5.018	5.017	5.042
UL	5.175	5.175	5.175	5.175	5.175	5.175

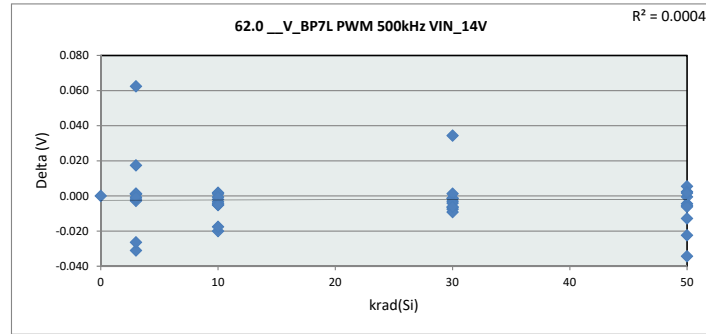


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TPS7H6003-SP (5962R2220101VXC)

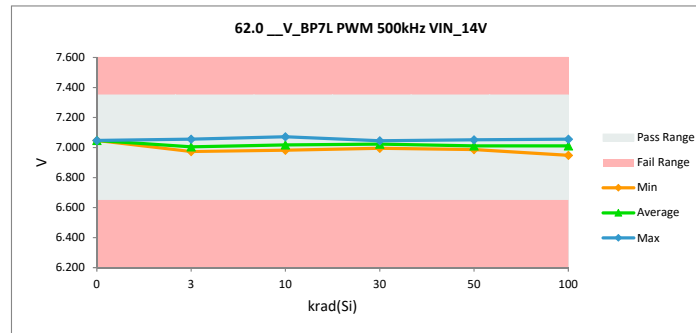
62.0 __V_BP7L PWM 500kHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.047	7.047	0.000
3	58	7.054	7.055	0.001
3	59	7.011	7.013	0.001
3	60	6.985	6.986	0.001
3	61	6.996	6.993	-0.003
3	62	6.975	6.973	-0.002
3	134	7.043	7.012	-0.031
3	137	6.950	7.013	0.062
3	138	7.039	7.012	-0.026
3	139	6.987	6.986	-0.001
3	236	6.984	7.001	0.017
10	63	6.985	6.982	-0.003
10	64	7.008	7.004	-0.004
10	65	7.035	7.037	0.002
10	66	7.030	7.029	-0.002
10	150	7.028	7.023	-0.005
10	237	7.021	7.001	-0.020
10	241	7.030	7.012	-0.017
10	242	7.003	7.004	0.001
10	243	7.004	7.004	-0.001
10	244	7.077	7.072	-0.005
30	141	7.044	7.041	-0.003
30	144	6.998	6.997	-0.001
30	145	7.041	7.040	-0.001
30	146	7.018	7.010	-0.008
30	147	7.022	7.015	-0.007
30	132	7.044	7.045	0.001
30	133	7.042	7.033	-0.009
30	135	7.004	7.039	0.034
30	245	6.999	6.995	-0.004
30	246	7.014	7.008	-0.006
50	67	7.045	7.041	-0.004
50	68	7.008	6.986	-0.022
50	69	7.045	7.051	0.006
50	71	6.992	6.986	-0.005
50	72	7.007	7.001	-0.006
50	172	7.025	6.991	-0.034
50	173	7.037	7.024	-0.013
50	174	7.013	7.015	0.002
50	183	7.019	7.019	-0.001
50	186	6.988	6.990	0.002
100	95	7.003	7.029	0.026
100	102	6.956	6.949	-0.007
100	104	7.037	7.023	-0.013
100	105	7.023	6.998	-0.025
100	106	6.948	6.948	0.000
100	178	7.054	7.037	-0.017
100	179	6.989	7.033	0.045
100	180	7.024	7.011	-0.013
100	181	7.028	7.017	-0.011
100	182	7.030	7.056	0.026
Max		7.077	7.072	0.062
Average		7.016	7.014	-0.002
Min		6.948	6.948	-0.034
Std Dev		0.027	0.026	0.017



62.0 __V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.047	6.973	6.982	6.995	6.986	6.948
Average	7.047	7.004	7.017	7.022	7.010	7.010
Max	7.047	7.055	7.072	7.045	7.051	7.056
UL	7.350	7.350	7.350	7.350	7.350	7.350

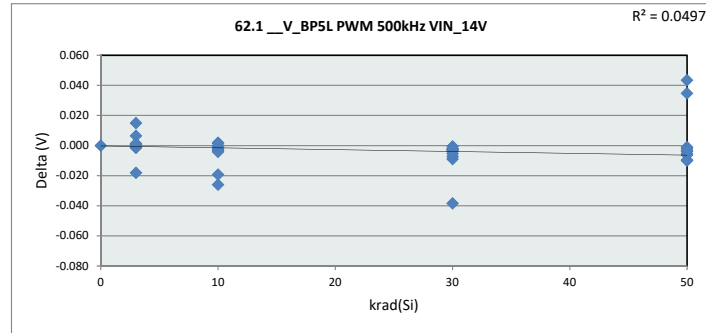


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TPS7H6003-SP (5962R2220101VXC)

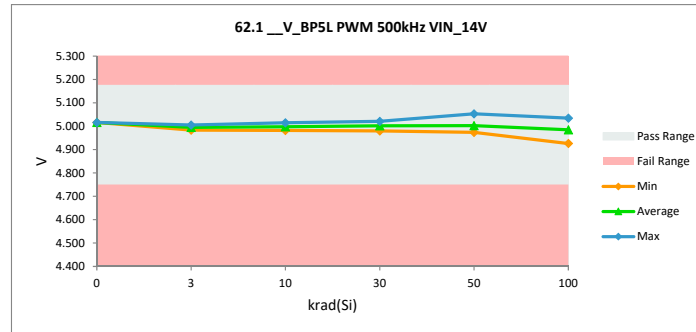
62.1 __V_BP5L PWM 500kHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.016	5.016	0.000
3	58	4.992	4.992	0.000
3	59	4.983	4.983	0.001
3	60	4.995	4.995	0.000
3	61	4.993	4.992	-0.001
3	62	5.004	5.005	0.001
3	134	4.989	4.996	0.006
3	137	4.981	4.996	0.015
3	138	4.997	4.996	-0.001
3	139	4.999	5.001	0.001
3	236	5.008	4.989	-0.018
10	63	5.004	5.001	-0.003
10	64	4.989	4.989	0.000
10	65	5.017	5.015	-0.002
10	66	5.004	5.002	-0.002
10	150	4.996	4.992	-0.004
10	237	5.016	4.990	-0.026
10	241	5.015	4.996	-0.019
10	242	4.982	4.982	0.000
10	243	5.004	5.006	0.002
10	244	4.999	5.001	0.001
30	141	5.004	5.001	-0.003
30	144	5.015	5.014	-0.001
30	145	5.012	5.009	-0.004
30	146	4.994	4.984	-0.009
30	147	5.023	5.021	-0.002
30	132	4.994	4.991	-0.003
30	133	5.008	5.005	-0.002
30	135	5.018	4.979	-0.038
30	245	5.005	4.998	-0.007
30	246	5.021	5.015	-0.005
50	67	4.983	4.978	-0.005
50	68	4.989	5.023	0.035
50	69	5.010	5.003	-0.006
50	71	5.002	5.001	-0.001
50	72	5.001	4.992	-0.010
50	172	5.010	5.053	0.043
50	173	4.983	4.973	-0.010
50	174	5.012	5.008	-0.004
50	183	5.006	5.004	-0.002
50	186	4.991	4.988	-0.003
100	95	4.997	4.978	-0.019
100	102	5.005	5.002	-0.003
100	104	4.992	4.969	-0.023
100	105	4.989	5.035	0.046
100	106	4.997	4.926	-0.071
100	178	5.013	5.016	0.003
100	179	4.986	4.964	-0.022
100	180	5.018	4.952	-0.066
100	181	5.000	4.988	-0.012
100	182	5.009	5.015	0.006
Max		5.023	5.053	0.046
Average		5.001	4.996	-0.005
Min		4.981	4.926	-0.071
Std Dev		0.011	0.020	0.019



62.1 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

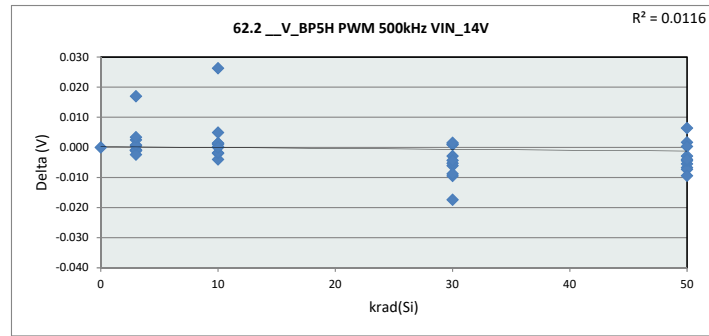
krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.983	4.982	4.979	4.973	4.926
Average	5.016	4.994	4.997	5.002	5.002	4.984
Max	5.016	5.005	5.015	5.021	5.053	5.035
UL	5.175	5.175	5.175	5.175	5.175	5.175



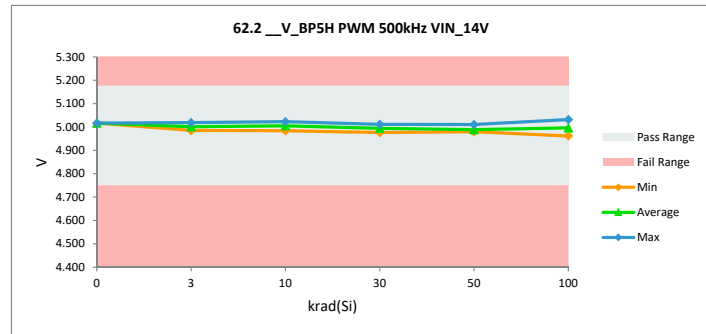
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TPS7H6003-SP (5962R2220101VXC)

62.2 __V_BP5H PWM 500kHz VIN_14V				
Test Site	DAL-FL	DAL-FL		
Tester	ETS364	ETS364		
Test Number	EB672302	EB672302		
Unit	V	V		
Max Limit	5.175	5.175		
Min Limit	4.75	4.75		
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.019	5.019	-0.001
3	59	5.006	5.005	-0.001
3	60	4.999	4.999	0.001
3	61	4.993	4.992	-0.001
3	62	4.986	4.985	-0.001
3	134	4.999	5.001	0.003
3	137	5.004	5.002	-0.002
3	138	4.984	5.001	0.017
3	139	4.994	4.995	0.001
3	236	5.004	5.008	0.003
10	63	4.986	4.984	-0.002
10	64	5.000	5.001	0.001
10	65	5.019	5.020	0.001
10	66	4.990	4.986	-0.004
10	150	5.006	5.004	-0.002
10	237	4.981	5.008	0.026
10	241	4.997	5.001	0.005
10	242	5.021	5.022	0.001
10	243	5.020	5.020	0.000
10	244	5.002	5.002	0.000
30	141	5.009	5.010	0.001
30	144	4.982	4.976	-0.006
30	145	5.011	5.006	-0.005
30	146	4.993	4.984	-0.010
30	147	4.996	4.993	-0.003
30	132	5.008	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.004	4.987	-0.017
30	245	5.009	5.011	0.001
30	246	4.981	4.977	-0.004
50	67	5.009	5.010	0.002
50	68	4.998	5.005	0.006
50	69	4.988	4.983	-0.006
50	71	4.989	4.986	-0.003
50	72	4.982	4.982	0.000
50	172	4.992	4.985	-0.007
50	173	4.990	4.983	-0.007
50	174	5.000	4.991	-0.009
50	183	4.984	4.980	-0.004
50	186	4.986	4.983	-0.004
100	95	4.986	4.976	-0.010
100	102	4.983	4.988	0.005
100	104	5.004	5.023	0.018
100	105	4.998	5.018	0.020
100	106	4.989	4.962	-0.028
100	178	4.992	4.984	-0.008
100	179	4.996	4.992	-0.003
100	180	4.990	4.990	0.000
100	181	5.020	4.997	-0.023
100	182	5.010	5.032	0.022
Max		5.021	5.032	0.026
Average		4.998	4.997	-0.001
Min		4.981	4.962	-0.028
Std Dev		0.012	0.015	0.010



62.2 __V_BP5H PWM 500kHz VIN_14V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	5.175	V				
Min Limit	4.75	V				
krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.985	4.984	4.976	4.980	4.962
Average	5.017	5.001	5.005	4.994	4.989	4.996
Max	5.017	5.019	5.022	5.011	5.010	5.032
UL	5.175	5.175	5.175	5.175	5.175	5.175

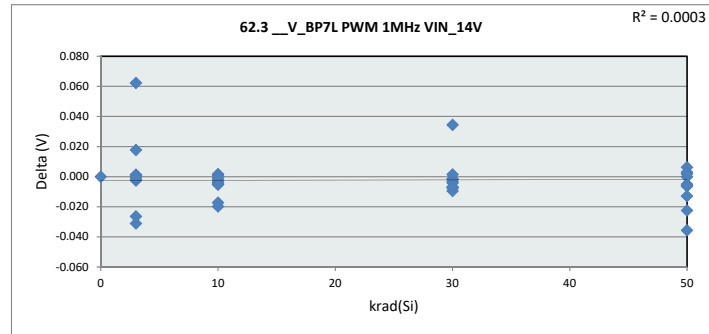


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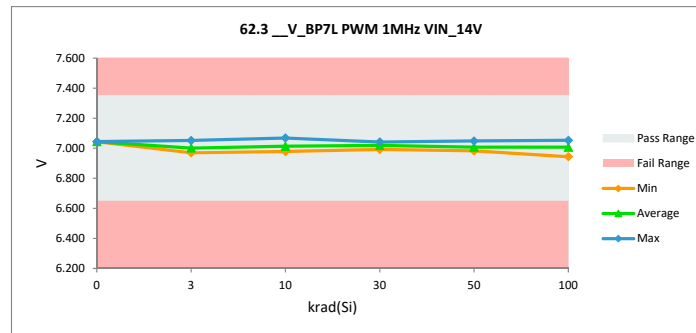
62.3 __V_BP7L PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.044	7.044	0.000
3	58	7.050	7.051	0.001
3	59	7.008	7.009	0.001
3	60	6.981	6.982	0.001
3	61	6.992	6.990	-0.003
3	62	6.972	6.970	-0.002
3	134	7.040	7.009	-0.031
3	137	6.947	7.009	0.062
3	138	7.035	7.009	-0.026
3	139	6.983	6.983	-0.001
3	236	6.980	6.998	0.018
10	63	6.982	6.978	-0.003
10	64	7.005	7.001	-0.004
10	65	7.031	7.033	0.002
10	66	7.027	7.025	-0.002
10	150	7.024	7.019	-0.005
10	237	7.017	6.998	-0.020
10	241	7.026	7.009	-0.017
10	242	7.000	7.001	0.001
10	243	7.001	7.000	-0.001
10	244	7.074	7.069	-0.005
30	141	7.041	7.037	-0.003
30	144	6.995	6.994	-0.002
30	145	7.038	7.036	-0.002
30	146	7.015	7.007	-0.008
30	147	7.018	7.011	-0.007
30	132	7.040	7.042	0.002
30	133	7.039	7.029	-0.009
30	135	7.001	7.035	0.034
30	245	6.996	6.991	-0.004
30	246	7.011	7.004	-0.007
50	67	7.042	7.037	-0.005
50	68	7.004	6.982	-0.022
50	69	7.042	7.048	0.006
50	71	6.988	6.982	-0.006
50	72	7.004	6.997	-0.006
50	172	7.022	6.986	-0.036
50	173	7.034	7.021	-0.013
50	174	7.009	7.012	0.003
50	183	7.016	7.016	0.000
50	186	6.985	6.986	0.002
100	95	6.999	7.025	0.026
100	102	6.952	6.945	-0.008
100	104	7.033	7.020	-0.014
100	105	7.020	6.994	-0.026
100	106	6.945	6.944	-0.001
100	178	7.050	7.033	-0.017
100	179	6.985	7.031	0.046
100	180	7.020	7.008	-0.012
100	181	7.024	7.014	-0.011
100	182	7.026	7.053	0.026
Max		7.074	7.069	0.062
Average		7.012	7.010	-0.002
Min		6.945	6.944	-0.036
Std Dev		0.027	0.026	0.017



62.3 __V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

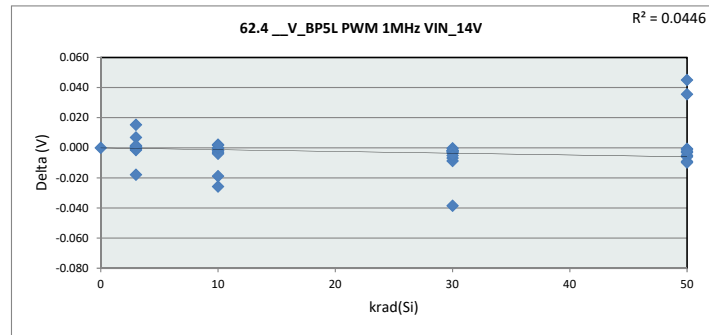
krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.044	6.970	6.979	6.991	6.982	6.944
Average	7.044	7.001	7.013	7.019	7.007	7.007
Max	7.044	7.051	7.069	7.042	7.048	7.053
UL	7.350	7.350	7.350	7.350	7.350	7.350



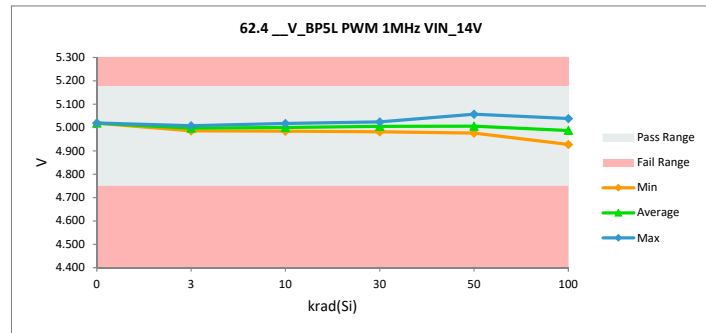
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62.4 __V_BP5L PWM 1MHz VIN				
Test Site	DAL-FL	DAL-FL		
Tester	ETS364	ETS364		
Test Number	EB672302	EB672302		
Unit	V	V		
Max Limit	5.175	5.175		
Min Limit	4.75	4.75		
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.019	5.019	0.000
3	58	4.994	4.995	0.000
3	59	4.985	4.986	0.001
3	60	4.997	4.997	0.000
3	61	4.996	4.995	-0.002
3	62	5.007	5.008	0.001
3	134	4.992	4.998	0.007
3	137	4.983	4.998	0.015
3	138	4.999	4.999	-0.001
3	139	5.002	5.003	0.002
3	236	5.010	4.992	-0.018
10	63	5.007	5.004	-0.003
10	64	4.991	4.991	0.000
10	65	5.019	5.017	-0.002
10	66	5.007	5.005	-0.002
10	150	4.998	4.994	-0.004
10	237	5.018	4.992	-0.026
10	241	5.017	4.999	-0.019
10	242	4.984	4.984	0.000
10	243	5.007	5.009	0.002
10	244	5.002	5.003	0.002
30	141	5.006	5.003	-0.003
30	144	5.017	5.017	0.000
30	145	5.014	5.011	-0.003
30	146	4.996	4.987	-0.009
30	147	5.025	5.024	-0.002
30	132	4.996	4.994	-0.002
30	133	5.010	5.008	-0.002
30	135	5.020	4.982	-0.039
30	245	5.008	5.001	-0.007
30	246	5.023	5.017	-0.005
50	67	4.986	4.981	-0.005
50	68	4.991	5.027	0.036
50	69	5.012	5.006	-0.006
50	71	5.004	5.003	-0.001
50	72	5.004	4.995	-0.009
50	172	5.012	5.057	0.045
50	173	4.986	4.976	-0.010
50	174	5.015	5.011	-0.003
50	183	5.009	5.007	-0.001
50	186	4.993	4.991	-0.003
100	95	4.999	4.980	-0.019
100	102	5.007	5.005	-0.002
100	104	4.994	4.972	-0.022
100	105	4.991	5.039	0.048
100	106	4.999	4.927	-0.072
100	178	5.016	5.020	0.004
100	179	4.989	4.967	-0.022
100	180	5.020	4.954	-0.066
100	181	5.003	4.991	-0.012
100	182	5.011	5.018	0.007
Max		5.025	5.057	0.048
Average		5.004	4.999	-0.005
Min		4.983	4.927	-0.072
Std Dev		0.011	0.020	0.020



62.4 __V_BP5L PWM						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	5.175	V				
Min Limit	4.75	V				
krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.019	4.986	4.984	4.982	4.976	4.927
Average	5.019	4.997	5.000	5.004	5.005	4.987
Max	5.019	5.008	5.017	5.024	5.057	5.039
UL	5.175	5.175	5.175	5.175	5.175	5.175

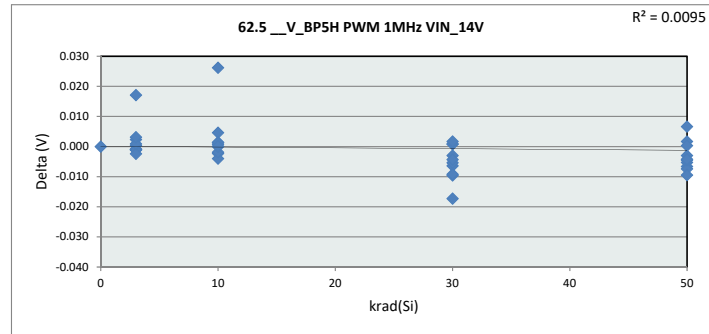


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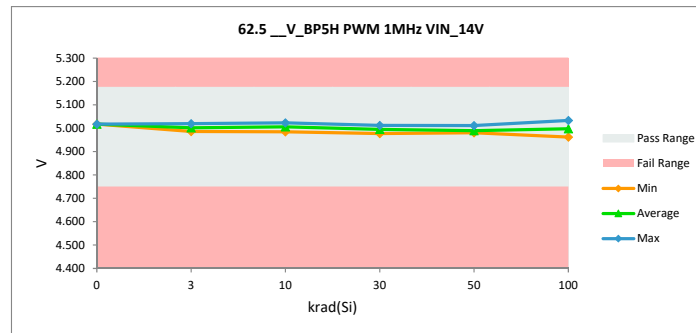
62.5 __V_BP5H PWM 1MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.020	5.019	-0.001
3	59	5.007	5.006	-0.001
3	60	5.000	5.000	0.000
3	61	4.993	4.992	-0.001
3	62	4.987	4.986	-0.001
3	134	5.000	5.002	0.002
3	137	5.005	5.002	-0.002
3	138	4.985	5.002	0.017
3	139	4.995	4.996	0.001
3	236	5.005	5.008	0.003
10	63	4.987	4.984	-0.002
10	64	5.001	5.002	0.001
10	65	5.020	5.021	0.001
10	66	4.991	4.987	-0.004
10	150	5.007	5.005	-0.002
10	237	4.982	5.008	0.026
10	241	4.997	5.002	0.005
10	242	5.022	5.023	0.001
10	243	5.021	5.021	0.000
10	244	5.003	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.983	4.977	-0.006
30	145	5.012	5.006	-0.005
30	146	4.994	4.985	-0.010
30	147	4.997	4.994	-0.003
30	132	5.009	5.000	-0.009
30	133	4.998	4.999	0.001
30	135	5.005	4.988	-0.017
30	245	5.010	5.012	0.002
30	246	4.982	4.978	-0.004
50	67	5.009	5.011	0.002
50	68	4.999	5.005	0.007
50	69	4.989	4.984	-0.005
50	71	4.990	4.987	-0.003
50	72	4.982	4.983	0.000
50	172	4.992	4.986	-0.007
50	173	4.991	4.984	-0.007
50	174	5.001	4.992	-0.010
50	183	4.985	4.981	-0.004
50	186	4.987	4.983	-0.004
100	95	4.987	4.977	-0.010
100	102	4.984	4.989	0.005
100	104	5.005	5.024	0.019
100	105	4.998	5.019	0.021
100	106	4.990	4.962	-0.028
100	178	4.993	4.985	-0.008
100	179	4.996	4.993	-0.003
100	180	4.991	4.991	0.000
100	181	5.021	4.997	-0.023
100	182	5.011	5.033	0.022
Max		5.022	5.033	0.026
Average		4.999	4.998	-0.001
Min		4.982	4.962	-0.028
Std Dev		0.012	0.015	0.010



62.5 __V_BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.986	4.985	4.977	4.981	4.962
Average	5.017	5.001	5.006	4.995	4.989	4.997
Max	5.017	5.020	5.023	5.012	5.011	5.033
UL	5.175	5.175	5.175	5.175	5.175	5.175

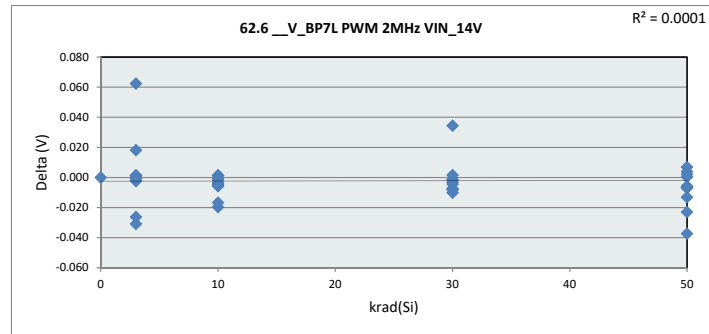


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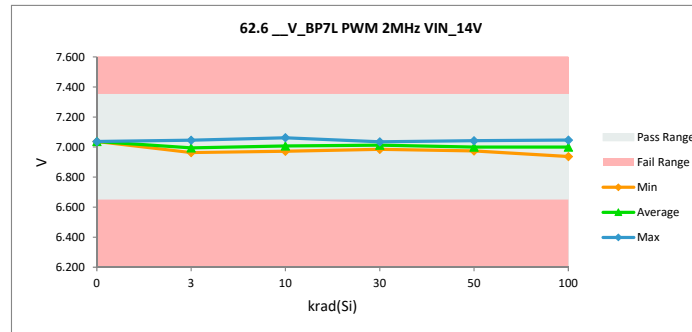
62.6 __V_BP7L PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.037	7.037	0.000
3	58	7.043	7.045	0.001
3	59	7.001	7.003	0.002
3	60	6.974	6.976	0.001
3	61	6.986	6.983	-0.002
3	62	6.965	6.963	-0.002
3	134	7.034	7.003	-0.031
3	137	6.940	7.003	0.062
3	138	7.029	7.003	-0.026
3	139	6.977	6.976	-0.001
3	236	6.973	6.991	0.018
10	63	6.976	6.972	-0.004
10	64	6.999	6.994	-0.005
10	65	7.025	7.026	0.001
10	66	7.019	7.017	-0.002
10	150	7.017	7.012	-0.006
10	237	7.011	6.991	-0.020
10	241	7.019	7.003	-0.017
10	242	6.993	6.994	0.001
10	243	6.994	6.994	-0.001
10	244	7.067	7.062	-0.005
30	141	7.034	7.031	-0.003
30	144	6.988	6.987	-0.001
30	145	7.031	7.030	-0.001
30	146	7.008	7.000	-0.008
30	147	7.011	7.004	-0.007
30	132	7.033	7.035	0.002
30	133	7.032	7.022	-0.010
30	135	6.994	7.029	0.034
30	245	6.989	6.984	-0.004
30	246	7.003	6.996	-0.008
50	67	7.035	7.029	-0.006
50	68	6.997	6.974	-0.023
50	69	7.035	7.042	0.007
50	71	6.982	6.975	-0.007
50	72	6.997	6.990	-0.007
50	172	7.015	6.978	-0.037
50	173	7.027	7.014	-0.013
50	174	7.003	7.006	0.004
50	183	7.009	7.010	0.000
50	186	6.978	6.980	0.002
100	95	6.992	7.019	0.026
100	102	6.946	6.937	-0.009
100	104	7.026	7.012	-0.015
100	105	7.013	6.986	-0.027
100	106	6.938	6.937	-0.001
100	178	7.043	7.026	-0.017
100	179	6.979	7.026	0.047
100	180	7.013	7.001	-0.013
100	181	7.018	7.008	-0.010
100	182	7.020	7.046	0.027
Max		7.067	7.062	0.062
Average		7.005	7.003	-0.002
Min		6.938	6.937	-0.037
Std Dev		0.027	0.026	0.018



62.6 __V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.037	6.963	6.972	6.985	6.974	6.937
Average	7.037	6.995	7.006	7.012	7.000	7.000
Max	7.037	7.045	7.062	7.035	7.042	7.046
UL	7.350	7.350	7.350	7.350	7.350	7.350

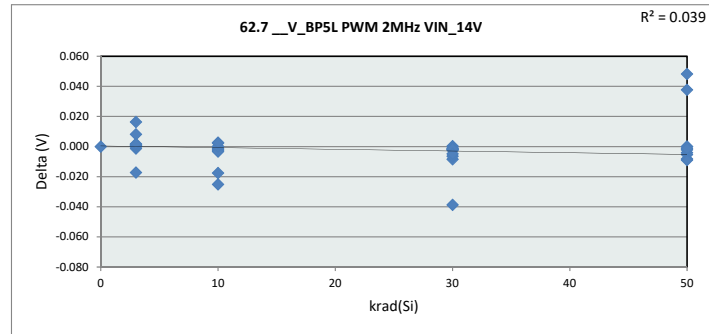


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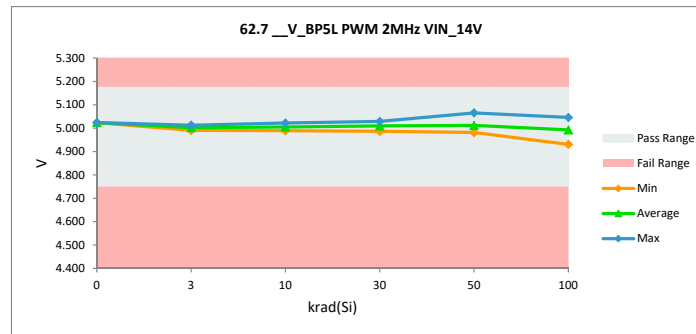
62.7 __V_BP5L PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.024	5.024	0.000
3	58	4.999	5.000	0.000
3	59	4.990	4.991	0.001
3	60	5.002	5.002	0.000
3	61	5.002	5.001	-0.001
3	62	5.012	5.013	0.001
3	134	4.996	5.004	0.008
3	137	4.988	5.004	0.016
3	138	5.004	5.004	0.000
3	139	5.006	5.008	0.002
3	236	5.014	4.997	-0.017
10	63	5.011	5.009	-0.003
10	64	4.996	4.996	0.000
10	65	5.024	5.022	-0.001
10	66	5.012	5.010	-0.002
10	150	5.003	5.000	-0.003
10	237	5.022	4.997	-0.025
10	241	5.022	5.004	-0.018
10	242	4.989	4.989	0.000
10	243	5.011	5.014	0.003
10	244	5.007	5.009	0.002
30	141	5.011	5.009	-0.002
30	144	5.022	5.022	0.000
30	145	5.019	5.016	-0.002
30	146	5.000	4.992	-0.008
30	147	5.030	5.029	-0.001
30	132	5.001	4.999	-0.002
30	133	5.015	5.014	-0.001
30	135	5.025	4.986	-0.039
30	245	5.013	5.007	-0.006
30	246	5.027	5.022	-0.005
50	67	4.991	4.987	-0.004
50	68	4.996	5.034	0.038
50	69	5.018	5.012	-0.005
50	71	5.009	5.009	0.000
50	72	5.008	5.000	-0.008
50	172	5.017	5.066	0.048
50	173	4.991	4.982	-0.009
50	174	5.020	5.018	-0.002
50	183	5.014	5.014	0.000
50	186	4.998	4.997	-0.001
100	95	5.004	4.986	-0.018
100	102	5.012	5.011	-0.001
100	104	4.999	4.977	-0.022
100	105	4.996	5.046	0.050
100	106	5.004	4.931	-0.073
100	178	5.021	5.028	0.007
100	179	4.994	4.972	-0.022
100	180	5.025	4.957	-0.068
100	181	5.008	4.997	-0.011
100	182	5.016	5.025	0.009
Max		5.030	5.066	0.050
Average		5.009	5.005	-0.004
Min		4.988	4.931	-0.073
Std Dev		0.011	0.021	0.020



62.7 __V_BP5L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.024	4.991	4.989	4.987	4.982	4.931
Average	5.024	5.002	5.005	5.010	5.012	4.993
Max	5.024	5.013	5.022	5.029	5.066	5.046
UL	5.175	5.175	5.175	5.175	5.175	5.175

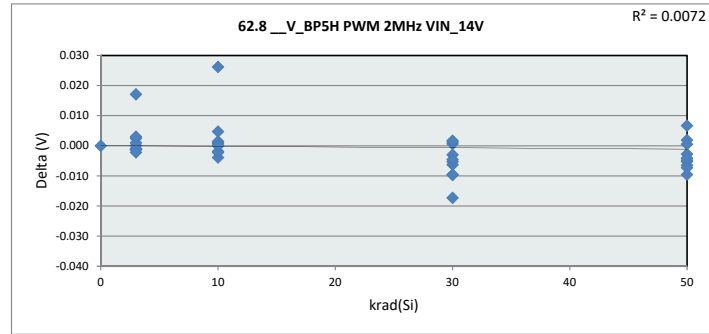


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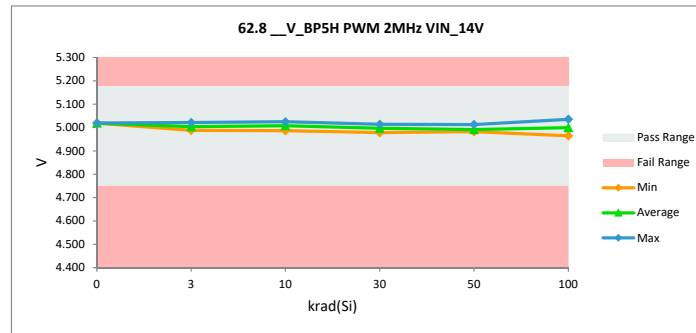
62.8 __V_BP5H PWM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.019	5.019	0.000
3	58	5.022	5.021	-0.001
3	59	5.009	5.007	-0.001
3	60	5.002	5.002	0.000
3	61	4.995	4.994	-0.001
3	62	4.989	4.988	-0.001
3	134	5.002	5.004	0.003
3	137	5.006	5.004	-0.002
3	138	4.987	5.004	0.017
3	139	4.996	4.997	0.001
3	236	5.007	5.010	0.003
10	63	4.988	4.986	-0.002
10	64	5.002	5.004	0.001
10	65	5.021	5.022	0.001
10	66	4.993	4.989	-0.004
10	150	5.008	5.006	-0.002
10	237	4.984	5.010	0.026
10	241	4.999	5.004	0.005
10	242	5.023	5.024	0.001
10	243	5.022	5.022	0.000
10	244	5.005	5.005	0.000
30	141	5.011	5.012	0.001
30	144	4.985	4.978	-0.006
30	145	5.013	5.008	-0.005
30	146	4.996	4.986	-0.010
30	147	4.999	4.996	-0.003
30	132	5.011	5.001	-0.010
30	133	5.000	5.001	0.001
30	135	5.006	4.989	-0.017
30	245	5.012	5.013	0.002
30	246	4.984	4.979	-0.005
50	67	5.011	5.013	0.002
50	68	5.001	5.008	0.007
50	69	4.991	4.985	-0.005
50	71	4.991	4.989	-0.003
50	72	4.984	4.984	0.000
50	172	4.994	4.988	-0.007
50	173	4.993	4.985	-0.007
50	174	5.003	4.993	-0.010
50	183	4.987	4.982	-0.005
50	186	4.989	4.985	-0.004
100	95	4.989	4.979	-0.010
100	102	4.986	4.991	0.005
100	104	5.007	5.026	0.019
100	105	5.000	5.021	0.021
100	106	4.992	4.964	-0.027
100	178	4.995	4.987	-0.008
100	179	4.998	4.996	-0.002
100	180	4.993	4.993	0.000
100	181	5.022	4.998	-0.024
100	182	5.012	5.035	0.023
Max		5.023	5.035	0.026
Average		5.001	5.000	-0.001
Min		4.984	4.964	-0.027
Std Dev		0.011	0.015	0.010



62.8 __V_BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.019	4.988	4.986	4.978	4.982	4.964
Average	5.019	5.003	5.007	4.996	4.991	4.999
Max	5.019	5.021	5.024	5.013	5.013	5.035
UL	5.175	5.175	5.175	5.175	5.175	5.175

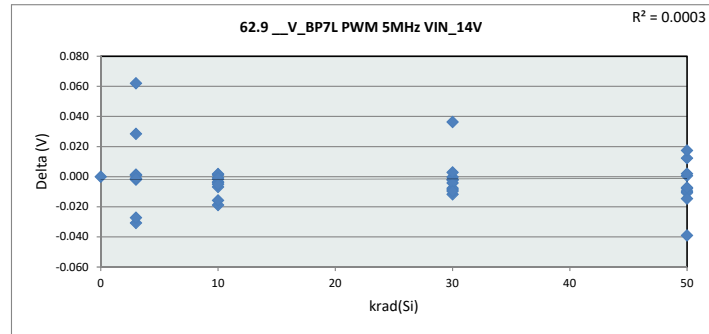


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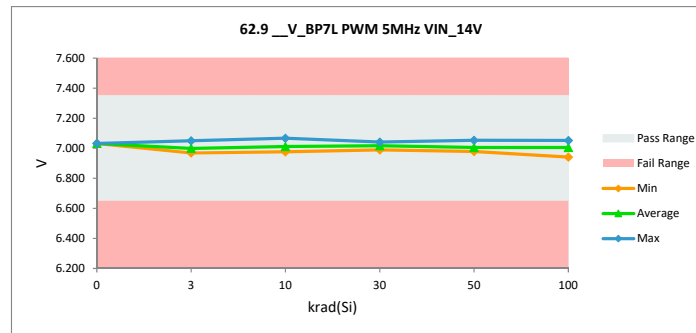
62.9 _V_BP7L PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.032	7.032	0.000
3	58	7.048	7.049	0.001
3	59	7.005	7.006	0.001
3	60	6.979	6.980	0.001
3	61	6.993	6.991	-0.002
3	62	6.970	6.969	-0.002
3	134	7.037	7.007	-0.031
3	137	6.945	7.007	0.062
3	138	7.034	7.006	-0.027
3	139	6.981	6.980	-0.001
3	236	6.967	6.995	0.028
10	63	6.980	6.976	-0.003
10	64	7.004	7.000	-0.004
10	65	7.029	7.030	0.001
10	66	7.025	7.024	-0.002
10	150	7.020	7.014	-0.007
10	237	7.014	6.995	-0.019
10	241	7.022	7.007	-0.016
10	242	6.997	6.999	0.002
10	243	7.000	6.999	-0.001
10	244	7.072	7.067	-0.005
30	141	7.039	7.037	-0.002
30	144	6.993	6.992	0.000
30	145	7.036	7.034	-0.002
30	146	7.013	7.004	-0.009
30	147	7.016	7.009	-0.008
30	132	7.038	7.041	0.003
30	133	7.036	7.024	-0.012
30	135	6.998	7.034	0.036
30	245	6.993	6.989	-0.004
30	246	7.008	6.998	-0.010
50	67	7.041	7.033	-0.008
50	68	6.989	6.979	-0.011
50	69	7.040	7.052	0.012
50	71	6.988	6.978	-0.010
50	72	7.002	6.995	-0.007
50	172	7.017	6.978	-0.039
50	173	7.031	7.017	-0.015
50	174	6.996	7.013	0.017
50	183	7.014	7.014	0.001
50	186	6.983	6.985	0.002
100	95	6.997	7.028	0.031
100	102	6.950	6.941	-0.009
100	104	7.031	7.014	-0.016
100	105	7.019	6.989	-0.029
100	106	6.944	6.942	-0.002
100	178	7.048	7.029	-0.019
100	179	6.984	7.035	0.051
100	180	7.016	7.004	-0.012
100	181	7.022	7.012	-0.010
100	182	7.025	7.052	0.027
Max		7.072	7.067	0.062
Average		7.009	7.008	-0.001
Min		6.944	6.941	-0.039
Std Dev		0.028	0.026	0.019



62.9 _V_BP7L PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.032	6.969	6.976	6.989	6.978	6.941
Average	7.032	6.999	7.011	7.016	7.004	7.005
Max	7.032	7.049	7.067	7.041	7.053	7.052
UL	7.350	7.350	7.350	7.350	7.350	7.350

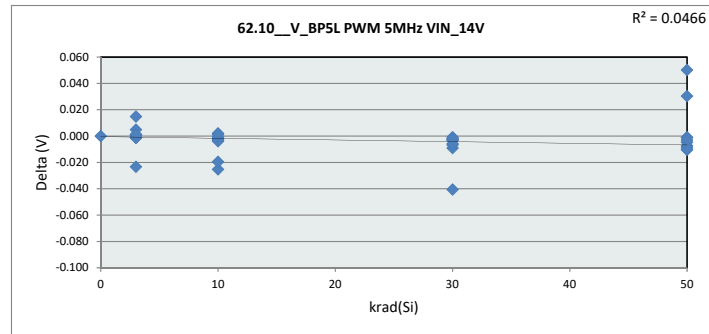


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TPS7H6003-SP (5962R2220101VXC)

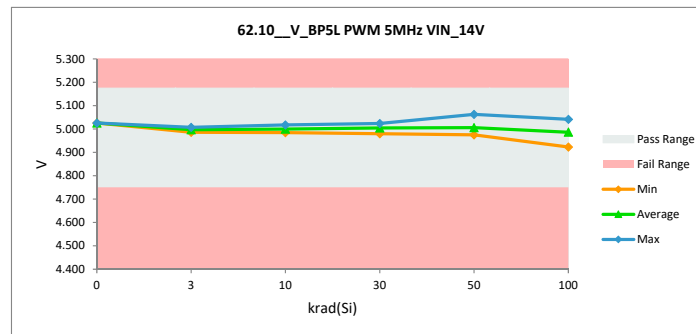
62.10_V_BP5L PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	5.025	5.025	0.000
3	58	4.994	4.995	0.001
3	59	4.985	4.986	0.001
3	60	4.997	4.997	0.000
3	61	4.995	4.994	-0.001
3	62	5.006	5.007	0.001
3	134	4.993	4.998	0.005
3	137	4.983	4.998	0.015
3	138	4.999	4.998	-0.001
3	139	5.002	5.003	0.001
3	236	5.015	4.992	-0.023
10	63	5.006	5.003	-0.003
10	64	4.991	4.991	0.000
10	65	5.019	5.017	-0.002
10	66	5.006	5.004	-0.002
10	150	4.998	4.994	-0.004
10	237	5.017	4.992	-0.025
10	241	5.017	4.998	-0.019
10	242	4.985	4.984	0.000
10	243	5.006	5.009	0.002
10	244	5.002	5.003	0.002
30	141	5.005	5.003	-0.003
30	144	5.017	5.017	-0.001
30	145	5.014	5.011	-0.003
30	146	4.996	4.986	-0.009
30	147	5.025	5.023	-0.002
30	132	4.997	4.994	-0.003
30	133	5.010	5.008	-0.002
30	135	5.020	4.979	-0.041
30	245	5.008	5.001	-0.007
30	246	5.023	5.017	-0.006
50	67	4.985	4.980	-0.005
50	68	4.997	5.028	0.030
50	69	5.013	5.006	-0.007
50	71	5.003	5.003	-0.001
50	72	5.003	4.995	-0.009
50	172	5.012	5.063	0.050
50	173	4.985	4.975	-0.010
50	174	5.021	5.011	-0.010
50	183	5.009	5.007	-0.001
50	186	4.993	4.990	-0.003
100	95	4.999	4.979	-0.020
100	102	5.007	5.005	-0.002
100	104	4.994	4.971	-0.023
100	105	4.991	5.041	0.050
100	106	4.999	4.923	-0.076
100	178	5.015	5.021	0.005
100	179	4.989	4.964	-0.025
100	180	5.021	4.950	-0.071
100	181	5.003	4.990	-0.013
100	182	5.011	5.019	0.008
Max		5.025	5.063	0.050
Average		5.004	4.999	-0.005
Min		4.983	4.923	-0.076
Std Dev		0.012	0.022	0.021



62.10_V_BP5L PWM 5MHz VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.026	4.986	4.984	4.979	4.975	4.923
Average	5.026	4.997	5.000	5.004	5.006	4.986
Max	5.026	5.007	5.017	5.023	5.063	5.041
UL	5.175	5.175	5.175	5.175	5.175	5.175

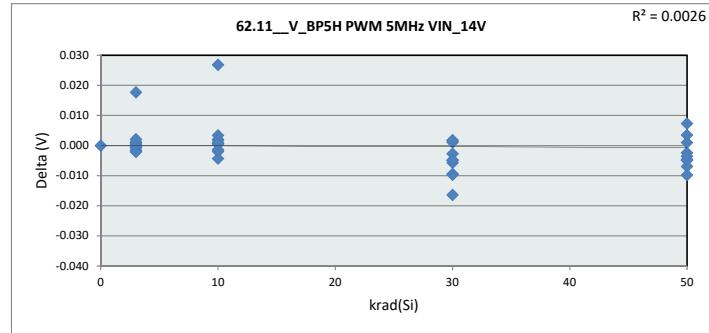


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TPS7H6003-SP (5962R2220101VXC)

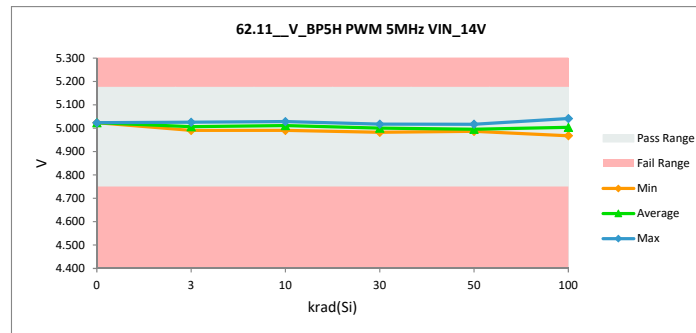
62.11_V_BP5H PWM 5MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.024	5.024	0.000
3	58	5.026	5.025	-0.001
3	59	5.012	5.011	0.000
3	60	5.006	5.006	0.000
3	61	4.999	4.997	-0.002
3	62	4.992	4.991	-0.002
3	134	5.006	5.007	0.001
3	137	5.009	5.007	-0.002
3	138	4.990	5.007	0.018
3	139	5.000	5.001	0.001
3	236	5.011	5.013	0.002
10	63	4.993	4.991	-0.002
10	64	5.006	5.008	0.002
10	65	5.026	5.027	0.001
10	66	4.997	4.992	-0.004
10	150	5.013	5.011	-0.001
10	237	4.987	5.014	0.027
10	241	5.004	5.007	0.003
10	242	5.027	5.028	0.002
10	243	5.026	5.026	0.001
10	244	5.009	5.010	0.001
30	141	5.015	5.016	0.001
30	144	4.988	4.983	-0.006
30	145	5.016	5.011	-0.005
30	146	5.000	4.990	-0.009
30	147	5.002	4.999	-0.003
30	132	5.014	5.004	-0.010
30	133	5.004	5.005	0.002
30	135	5.009	4.993	-0.016
30	245	5.016	5.017	0.002
30	246	4.988	4.983	-0.005
50	67	5.014	5.017	0.003
50	68	5.004	5.012	0.007
50	69	4.995	4.990	-0.005
50	71	4.995	4.993	-0.002
50	72	4.988	4.989	0.001
50	172	4.997	4.992	-0.005
50	173	4.996	4.990	-0.007
50	174	5.007	4.998	-0.010
50	183	4.991	4.986	-0.005
50	186	4.993	4.989	-0.004
100	95	4.993	4.982	-0.011
100	102	4.990	4.997	0.007
100	104	5.010	5.032	0.021
100	105	5.003	5.027	0.023
100	106	4.995	4.968	-0.028
100	178	4.998	4.991	-0.007
100	179	5.001	4.999	-0.002
100	180	4.997	4.997	0.000
100	181	5.026	5.001	-0.025
100	182	5.016	5.041	0.026
Max		5.027	5.041	0.027
Average		5.004	5.004	0.000
Min		4.987	4.968	-0.028
Std Dev		0.011	0.015	0.010



62.11_V_BP5H PWM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.024	4.991	4.991	4.983	4.986	4.968
Average	5.024	5.007	5.011	5.000	4.995	5.003
Max	5.024	5.025	5.028	5.017	5.017	5.041
UL	5.175	5.175	5.175	5.175	5.175	5.175

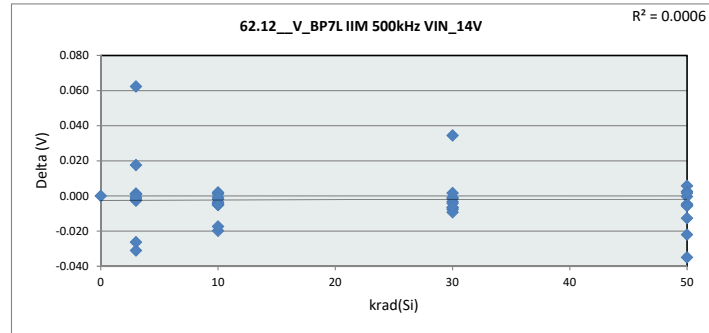


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TPS7H6003-SP (5962R2220101VXC)

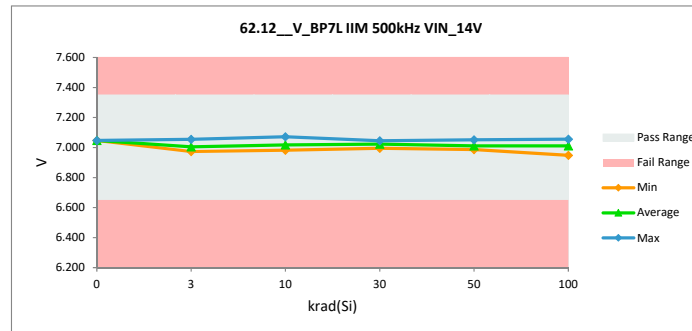
62.12_V_BP7L IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.047	7.047	0.000
3	58	7.054	7.055	0.001
3	59	7.011	7.012	0.001
3	60	6.985	6.986	0.001
3	61	6.996	6.993	-0.003
3	62	6.975	6.973	-0.002
3	134	7.044	7.013	-0.031
3	137	6.950	7.012	0.062
3	138	7.038	7.012	-0.026
3	139	6.987	6.986	-0.001
3	236	6.984	7.001	0.018
10	63	6.985	6.982	-0.003
10	64	7.008	7.004	-0.004
10	65	7.035	7.037	0.002
10	66	7.030	7.028	-0.002
10	150	7.028	7.023	-0.005
10	237	7.021	7.001	-0.020
10	241	7.030	7.012	-0.017
10	242	7.003	7.004	0.001
10	243	7.004	7.004	-0.001
10	244	7.077	7.072	-0.005
30	141	7.044	7.041	-0.003
30	144	6.998	6.997	-0.001
30	145	7.041	7.040	-0.001
30	146	7.018	7.010	-0.008
30	147	7.021	7.015	-0.007
30	132	7.043	7.045	0.002
30	133	7.042	7.033	-0.009
30	135	7.004	7.039	0.035
30	245	6.999	6.995	-0.004
30	246	7.014	7.008	-0.006
50	67	7.045	7.041	-0.005
50	68	7.008	6.986	-0.022
50	69	7.045	7.051	0.006
50	71	6.992	6.986	-0.005
50	72	7.007	7.001	-0.006
50	172	7.025	6.990	-0.035
50	173	7.037	7.024	-0.013
50	174	7.013	7.015	0.003
50	183	7.019	7.019	0.000
50	186	6.988	6.990	0.002
100	95	7.002	7.029	0.027
100	102	6.956	6.949	-0.007
100	104	7.037	7.023	-0.013
100	105	7.023	6.999	-0.024
100	106	6.948	6.948	0.000
100	178	7.053	7.036	-0.017
100	179	6.988	7.033	0.045
100	180	7.023	7.011	-0.012
100	181	7.028	7.017	-0.011
100	182	7.030	7.056	0.026
Max		7.077	7.072	0.062
Average		7.015	7.013	-0.002
Min		6.948	6.948	-0.035
Std Dev		0.027	0.026	0.017



62.12_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.047	6.973	6.982	6.995	6.986	6.948
Average	7.047	7.004	7.017	7.022	7.010	7.010
Max	7.047	7.055	7.072	7.045	7.051	7.056
UL	7.350	7.350	7.350	7.350	7.350	7.350

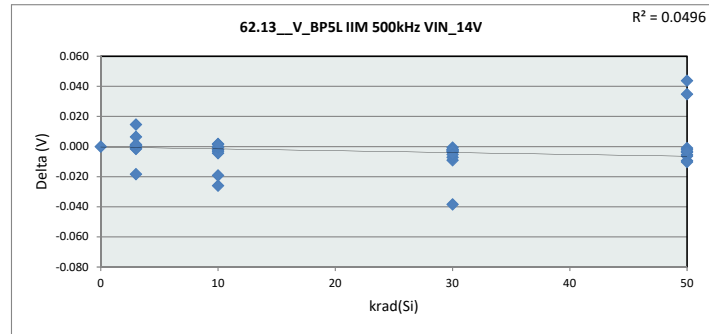


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TPS7H6003-SP (5962R2220101VXC)

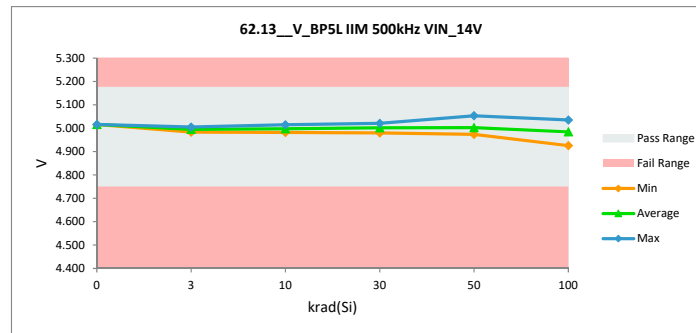
62.13_V_BP5L IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	5.016	5.016	0.000
3	58	4.992	4.992	0.000
3	59	4.983	4.983	0.000
3	60	4.995	4.995	0.000
3	61	4.993	4.992	-0.001
3	62	5.004	5.005	0.001
3	134	4.989	4.996	0.006
3	137	4.981	4.996	0.015
3	138	4.997	4.996	-0.001
3	139	4.999	5.001	0.001
3	236	5.008	4.989	-0.018
10	63	5.005	5.001	-0.003
10	64	4.989	4.989	0.000
10	65	5.017	5.015	-0.002
10	66	5.004	5.002	-0.002
10	150	4.996	4.991	-0.004
10	237	5.016	4.990	-0.026
10	241	5.015	4.996	-0.019
10	242	4.982	4.982	0.000
10	243	5.005	5.006	0.002
10	244	4.999	5.001	0.001
30	141	5.004	5.001	-0.003
30	144	5.015	5.014	-0.001
30	145	5.012	5.009	-0.004
30	146	4.994	4.984	-0.009
30	147	5.023	5.021	-0.002
30	132	4.994	4.991	-0.003
30	133	5.008	5.006	-0.002
30	135	5.018	4.979	-0.038
30	245	5.005	4.998	-0.007
30	246	5.021	5.015	-0.005
50	67	4.983	4.978	-0.005
50	68	4.989	5.024	0.035
50	69	5.010	5.004	-0.006
50	71	5.002	5.001	-0.001
50	72	5.001	4.992	-0.009
50	172	5.010	5.053	0.044
50	173	4.984	4.973	-0.010
50	174	5.012	5.008	-0.004
50	183	5.006	5.004	-0.002
50	186	4.991	4.988	-0.003
100	95	4.997	4.977	-0.019
100	102	5.005	5.002	-0.003
100	104	4.992	4.969	-0.023
100	105	4.989	5.035	0.046
100	106	4.997	4.925	-0.071
100	178	5.013	5.016	0.003
100	179	4.987	4.964	-0.022
100	180	5.018	4.951	-0.066
100	181	5.000	4.988	-0.012
100	182	5.009	5.015	0.006
Max		5.023	5.053	0.046
Average		5.001	4.996	-0.005
Min		4.981	4.925	-0.071
Std Dev		0.011	0.020	0.019



62.13_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.983	4.982	4.979	4.973	4.926
Average	5.016	4.994	4.997	5.002	5.002	4.984
Max	5.016	5.005	5.015	5.021	5.053	5.035
UL	5.175	5.175	5.175	5.175	5.175	5.175

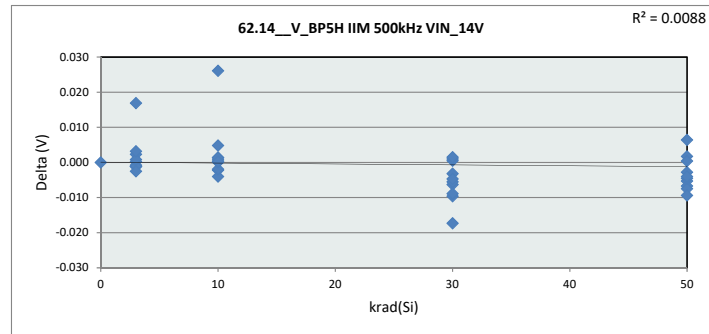


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TPS7H6003-SP (5962R2220101VXC)

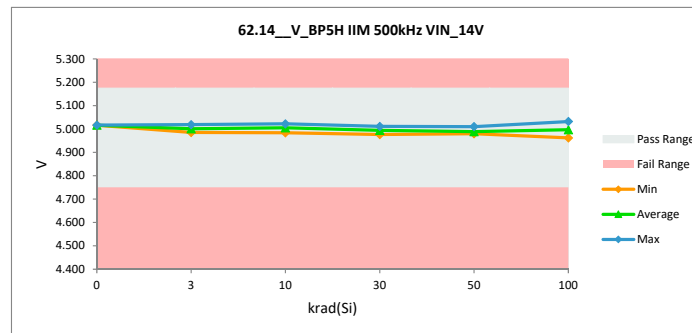
62.14_V_BP5H IIM 500kHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt) (	Delta
0	Ctrl	5.016	5.016	0.000
3	58	5.019	5.019	-0.001
3	59	5.006	5.005	-0.001
3	60	4.999	4.999	0.000
3	61	4.993	4.991	-0.001
3	62	4.986	4.985	-0.001
3	134	4.999	5.001	0.002
3	137	5.004	5.001	-0.003
3	138	4.984	5.001	0.017
3	139	4.994	4.995	0.001
3	236	5.004	5.007	0.003
10	63	4.986	4.984	-0.002
10	64	5.000	5.001	0.001
10	65	5.019	5.020	0.001
10	66	4.990	4.986	-0.004
10	150	5.006	5.004	-0.002
10	237	4.981	5.007	0.026
10	241	4.997	5.001	0.005
10	242	5.021	5.022	0.001
10	243	5.020	5.020	0.000
10	244	5.002	5.002	0.000
30	141	5.009	5.009	0.000
30	144	4.982	4.976	-0.006
30	145	5.011	5.006	-0.005
30	146	4.993	4.984	-0.010
30	147	4.996	4.993	-0.003
30	132	5.008	4.999	-0.009
30	133	4.998	4.999	0.001
30	135	5.004	4.987	-0.017
30	245	5.009	5.011	0.001
30	246	4.981	4.977	-0.005
50	67	5.009	5.010	0.002
50	68	4.998	5.004	0.006
50	69	4.988	4.983	-0.005
50	71	4.989	4.986	-0.003
50	72	4.981	4.982	0.000
50	172	4.992	4.985	-0.007
50	173	4.990	4.983	-0.008
50	174	5.000	4.991	-0.009
50	183	4.984	4.980	-0.004
50	186	4.986	4.983	-0.004
100	95	4.986	4.976	-0.010
100	102	4.983	4.989	0.005
100	104	5.004	5.023	0.019
100	105	4.998	5.018	0.020
100	106	4.989	4.962	-0.027
100	178	4.992	4.984	-0.008
100	179	4.996	4.993	-0.002
100	180	4.990	4.990	0.000
100	181	5.020	4.996	-0.024
100	182	5.010	5.032	0.022
Max		5.021	5.032	0.026
Average		4.998	4.997	-0.001
Min		4.981	4.962	-0.027
Std Dev		0.012	0.015	0.010



62.14_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.016	4.985	4.984	4.976	4.980	4.962
Average	5.016	5.001	5.005	4.994	4.989	4.996
Max	5.016	5.019	5.022	5.011	5.010	5.032
UL	5.175	5.175	5.175	5.175	5.175	5.175

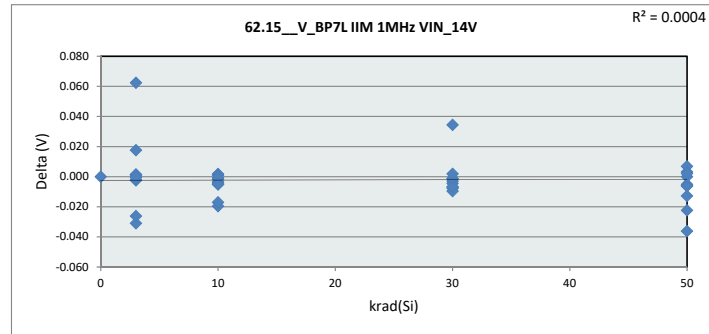


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TPS7H6003-SP (5962R2220101VXC)

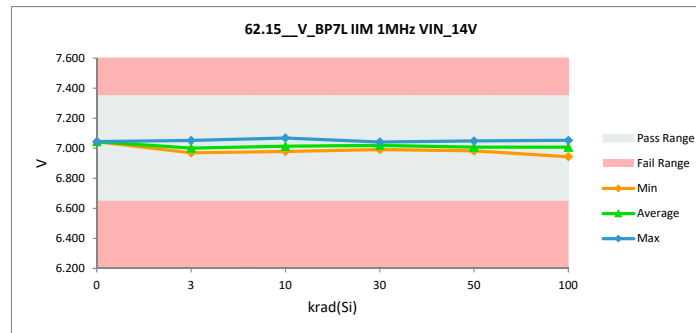
62.15_V_BP7L IIM 1MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.044	7.044	0.000
3	58	7.050	7.051	0.001
3	59	7.008	7.009	0.001
3	60	6.981	6.982	0.001
3	61	6.992	6.990	-0.002
3	62	6.972	6.970	-0.002
3	134	7.040	7.009	-0.031
3	137	6.947	7.009	0.062
3	138	7.035	7.009	-0.026
3	139	6.983	6.983	0.000
3	236	6.980	6.998	0.018
10	63	6.982	6.978	-0.003
10	64	7.005	7.001	-0.004
10	65	7.031	7.033	0.002
10	66	7.026	7.024	-0.002
10	150	7.024	7.019	-0.005
10	237	7.017	6.998	-0.020
10	241	7.026	7.009	-0.017
10	242	6.999	7.001	0.001
10	243	7.001	7.000	-0.001
10	244	7.073	7.068	-0.005
30	141	7.041	7.038	-0.003
30	144	6.995	6.994	-0.001
30	145	7.037	7.036	-0.001
30	146	7.014	7.007	-0.008
30	147	7.018	7.011	-0.007
30	132	7.040	7.042	0.002
30	133	7.039	7.029	-0.010
30	135	7.001	7.035	0.034
30	245	6.996	6.991	-0.004
30	246	7.010	7.004	-0.007
50	67	7.042	7.037	-0.005
50	68	7.004	6.982	-0.022
50	69	7.041	7.048	0.007
50	71	6.988	6.982	-0.006
50	72	7.004	6.997	-0.006
50	172	7.021	6.985	-0.036
50	173	7.033	7.021	-0.013
50	174	7.009	7.012	0.003
50	183	7.016	7.016	0.000
50	186	6.984	6.987	0.002
100	95	6.999	7.026	0.027
100	102	6.952	6.945	-0.007
100	104	7.033	7.019	-0.014
100	105	7.020	6.994	-0.025
100	106	6.945	6.944	-0.001
100	178	7.049	7.033	-0.017
100	179	6.985	7.031	0.046
100	180	7.020	7.007	-0.012
100	181	7.024	7.014	-0.010
100	182	7.026	7.052	0.026
Max		7.073	7.068	0.062
Average		7.012	7.010	-0.002
Min		6.945	6.944	-0.036
Std Dev		0.027	0.026	0.017



62.15_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.044	6.970	6.978	6.991	6.982	6.944
Average	7.044	7.001	7.013	7.019	7.007	7.007
Max	7.044	7.051	7.068	7.042	7.048	7.052
UL	7.350	7.350	7.350	7.350	7.350	7.350

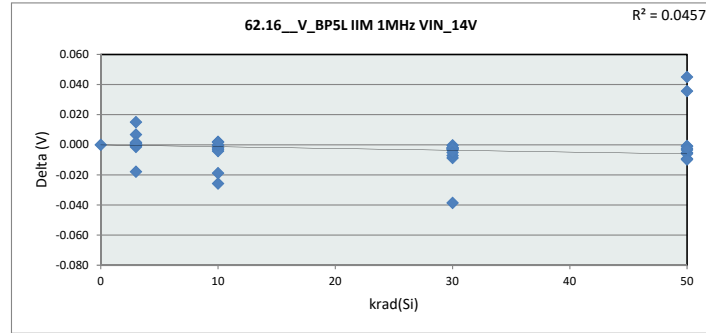


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TPS7H6003-SP (5962R2220101VXC)

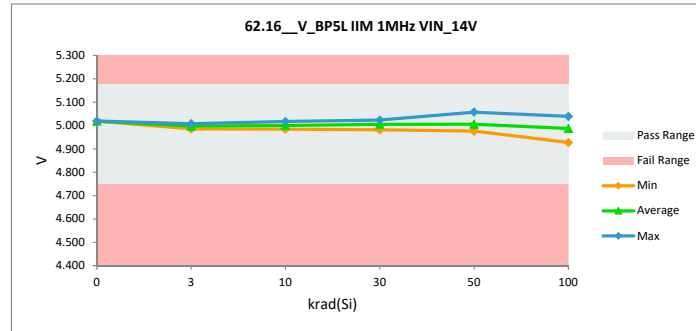
62.16_V_BP5L IIM 1MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.019	5.019	0.000
3	58	4.994	4.995	0.000
3	59	4.985	4.986	0.000
3	60	4.997	4.997	0.000
3	61	4.996	4.995	-0.001
3	62	5.007	5.008	0.001
3	134	4.992	4.999	0.007
3	137	4.983	4.998	0.015
3	138	5.000	4.999	-0.001
3	139	5.002	5.003	0.002
3	236	5.010	4.992	-0.018
10	63	5.007	5.004	-0.003
10	64	4.991	4.991	0.000
10	65	5.019	5.017	-0.002
10	66	5.007	5.005	-0.002
10	150	4.999	4.994	-0.004
10	237	5.018	4.992	-0.026
10	241	5.017	4.999	-0.019
10	242	4.984	4.984	0.000
10	243	5.007	5.009	0.002
10	244	5.002	5.003	0.002
30	141	5.006	5.004	-0.003
30	144	5.017	5.017	0.000
30	145	5.015	5.011	-0.003
30	146	4.996	4.987	-0.009
30	147	5.025	5.023	-0.002
30	132	4.996	4.994	-0.002
30	133	5.010	5.008	-0.002
30	135	5.020	4.982	-0.039
30	245	5.008	5.001	-0.007
30	246	5.023	5.018	-0.005
50	67	4.986	4.981	-0.005
50	68	4.991	5.027	0.036
50	69	5.013	5.007	-0.006
50	71	5.004	5.004	-0.001
50	72	5.004	4.995	-0.009
50	172	5.012	5.057	0.045
50	173	4.986	4.976	-0.010
50	174	5.015	5.011	-0.003
50	183	5.009	5.008	-0.001
50	186	4.993	4.991	-0.003
100	95	4.999	4.980	-0.019
100	102	5.007	5.005	-0.002
100	104	4.994	4.972	-0.022
100	105	4.991	5.039	0.048
100	106	4.999	4.927	-0.072
100	178	5.016	5.020	0.004
100	179	4.989	4.967	-0.022
100	180	5.020	4.953	-0.067
100	181	5.003	4.991	-0.012
100	182	5.011	5.018	0.007
Max		5.025	5.057	0.048
Average		5.004	4.999	-0.005
Min		4.983	4.927	-0.072
Std Dev		0.011	0.020	0.020



62.16_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.019	4.986	4.984	4.982	4.976	4.928
Average	5.019	4.997	5.000	5.004	5.006	4.987
Max	5.019	5.008	5.017	5.024	5.057	5.039
UL	5.175	5.175	5.175	5.175	5.175	5.175

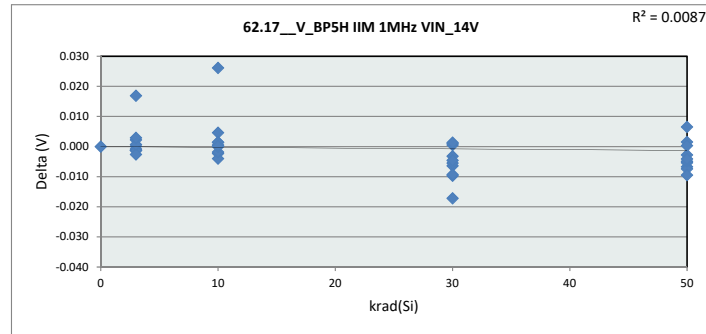


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

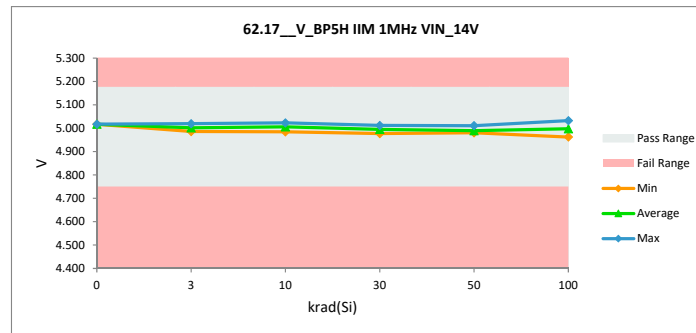
62.17_V_BP5H IIM 1MHz VIN_		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.017	5.017	0.000
3	58	5.020	5.019	-0.001
3	59	5.007	5.006	-0.001
3	60	5.000	5.000	0.000
3	61	4.994	4.992	-0.001
3	62	4.987	4.986	-0.001
3	134	5.000	5.002	0.002
3	137	5.005	5.002	-0.003
3	138	4.985	5.002	0.017
3	139	4.995	4.996	0.001
3	236	5.005	5.008	0.003
10	63	4.987	4.984	-0.002
10	64	5.001	5.002	0.001
10	65	5.020	5.020	0.000
10	66	4.991	4.987	-0.004
10	150	5.007	5.005	-0.002
10	237	4.982	5.008	0.026
10	241	4.997	5.002	0.005
10	242	5.022	5.023	0.001
10	243	5.021	5.021	0.000
10	244	5.003	5.003	0.000
30	141	5.009	5.010	0.001
30	144	4.983	4.977	-0.006
30	145	5.012	5.006	-0.005
30	146	4.994	4.984	-0.010
30	147	4.997	4.994	-0.003
30	132	5.009	5.000	-0.009
30	133	4.998	4.999	0.001
30	135	5.005	4.988	-0.017
30	245	5.010	5.011	0.001
30	246	4.982	4.977	-0.005
50	67	5.009	5.011	0.002
50	68	4.999	5.005	0.007
50	69	4.989	4.984	-0.005
50	71	4.990	4.987	-0.003
50	72	4.982	4.983	0.000
50	172	4.993	4.986	-0.007
50	173	4.991	4.984	-0.007
50	174	5.001	4.992	-0.010
50	183	4.985	4.980	-0.005
50	186	4.987	4.983	-0.004
100	95	4.987	4.977	-0.010
100	102	4.984	4.989	0.005
100	104	5.005	5.025	0.019
100	105	4.999	5.019	0.021
100	106	4.990	4.962	-0.028
100	178	4.993	4.985	-0.008
100	179	4.996	4.994	-0.003
100	180	4.991	4.991	0.000
100	181	5.021	4.997	-0.024
100	182	5.011	5.033	0.022
Max		5.022	5.033	0.026
Average		4.999	4.998	-0.001
Min		4.982	4.962	-0.028
Std Dev		0.011	0.015	0.010



62.17_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.017	4.986	4.985	4.977	4.980	4.962
Average	5.017	5.001	5.006	4.995	4.989	4.997
Max	5.017	5.020	5.023	5.012	5.011	5.033
UL	5.175	5.175	5.175	5.175	5.175	5.175

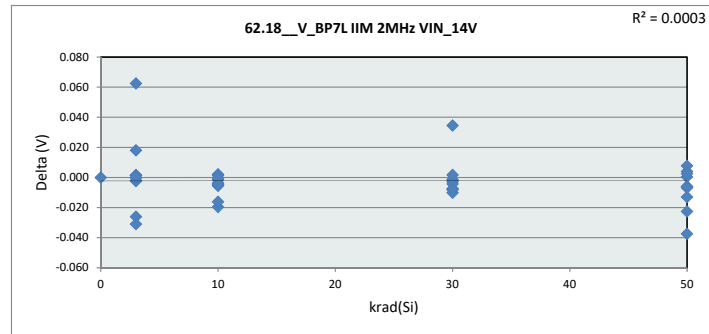


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

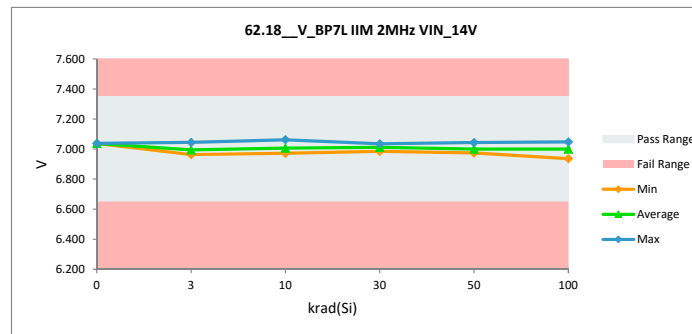
62.18_V_BP7L IIM 2MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	7.037	7.037	0.000
3	58	7.043	7.044	0.002
3	59	7.001	7.003	0.002
3	60	6.974	6.975	0.001
3	61	6.985	6.983	-0.002
3	62	6.965	6.963	-0.002
3	134	7.034	7.003	-0.031
3	137	6.940	7.003	0.063
3	138	7.029	7.003	-0.026
3	139	6.976	6.976	0.000
3	236	6.973	6.991	0.018
10	63	6.975	6.972	-0.004
10	64	6.998	6.994	-0.004
10	65	7.024	7.026	0.002
10	66	7.019	7.017	-0.002
10	150	7.017	7.011	-0.005
10	237	7.010	6.991	-0.020
10	241	7.019	7.003	-0.016
10	242	6.993	6.994	0.001
10	243	6.994	6.993	0.000
10	244	7.066	7.062	-0.005
30	141	7.033	7.030	-0.003
30	144	6.988	6.986	-0.002
30	145	7.031	7.029	-0.002
30	146	7.008	7.000	-0.008
30	147	7.011	7.003	-0.007
30	132	7.033	7.035	0.002
30	133	7.032	7.022	-0.010
30	135	6.994	7.028	0.035
30	245	6.988	6.984	-0.004
30	246	7.003	6.995	-0.008
50	67	7.035	7.029	-0.006
50	68	6.997	6.974	-0.023
50	69	7.035	7.043	0.008
50	71	6.981	6.974	-0.007
50	72	6.997	6.990	-0.006
50	172	7.014	6.977	-0.037
50	173	7.026	7.013	-0.013
50	174	7.002	7.006	0.004
50	183	7.009	7.010	0.000
50	186	6.978	6.980	0.003
100	95	6.992	7.019	0.027
100	102	6.945	6.937	-0.008
100	104	7.026	7.011	-0.015
100	105	7.013	6.986	-0.027
100	106	6.938	6.936	-0.001
100	178	7.042	7.025	-0.017
100	179	6.979	7.026	0.047
100	180	7.013	7.000	-0.012
100	181	7.017	7.008	-0.010
100	182	7.019	7.047	0.028
Max		7.066	7.062	0.063
Average		7.005	7.003	-0.002
Min		6.938	6.936	-0.037
Std Dev		0.027	0.026	0.018



62.18_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.037	6.963	6.972	6.984	6.974	6.936
Average	7.037	6.994	7.006	7.011	7.000	7.000
Max	7.037	7.045	7.062	7.035	7.043	7.047
UL	7.350	7.350	7.350	7.350	7.350	7.350

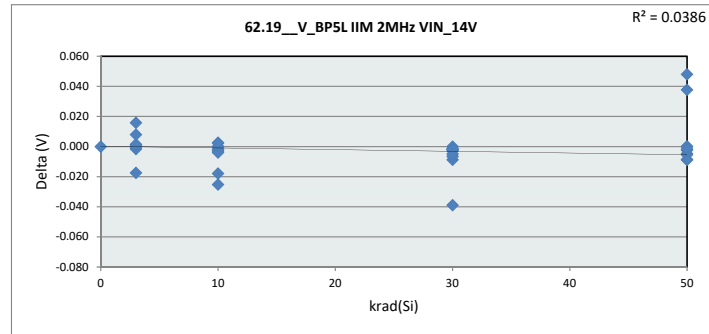


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TPS7H6003-SP (5962R2220101VXC)

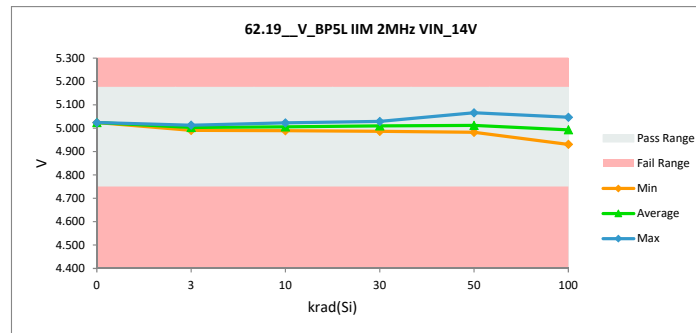
62.19_V_BP5L IIM 2MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.024	5.024	0.000
3	58	5.000	5.000	0.000
3	59	4.991	4.991	0.000
3	60	5.003	5.002	0.000
3	61	5.002	5.001	-0.002
3	62	5.012	5.013	0.001
3	134	4.997	5.004	0.008
3	137	4.989	5.004	0.016
3	138	5.005	5.005	0.000
3	139	5.007	5.009	0.002
3	236	5.015	4.997	-0.017
10	63	5.012	5.009	-0.003
10	64	4.996	4.996	0.000
10	65	5.024	5.022	-0.002
10	66	5.013	5.011	-0.002
10	150	5.004	5.000	-0.004
10	237	5.023	4.997	-0.025
10	241	5.023	5.005	-0.018
10	242	4.989	4.989	0.000
10	243	5.012	5.014	0.003
10	244	5.007	5.010	0.002
30	141	5.012	5.010	-0.002
30	144	5.023	5.023	0.000
30	145	5.019	5.016	-0.003
30	146	5.001	4.992	-0.009
30	147	5.030	5.029	-0.001
30	132	5.001	5.000	-0.002
30	133	5.015	5.014	-0.002
30	135	5.025	4.987	-0.039
30	245	5.014	5.007	-0.007
30	246	5.028	5.023	-0.005
50	67	4.991	4.986	-0.005
50	68	4.997	5.034	0.038
50	69	5.018	5.013	-0.005
50	71	5.010	5.010	0.000
50	72	5.009	5.000	-0.009
50	172	5.018	5.066	0.048
50	173	4.991	4.982	-0.009
50	174	5.020	5.018	-0.002
50	183	5.014	5.014	0.000
50	186	4.998	4.997	-0.002
100	95	5.004	4.986	-0.018
100	102	5.012	5.011	-0.002
100	104	4.999	4.977	-0.023
100	105	4.997	5.047	0.050
100	106	5.004	4.931	-0.073
100	178	5.022	5.028	0.007
100	179	4.994	4.973	-0.022
100	180	5.025	4.957	-0.068
100	181	5.008	4.997	-0.011
100	182	5.016	5.025	0.009
Max		5.030	5.066	0.050
Average		5.009	5.005	-0.004
Min		4.989	4.931	-0.073
Std Dev		0.011	0.021	0.020



62.19_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.024	4.991	4.989	4.987	4.982	4.931
Average	5.024	5.003	5.005	5.010	5.012	4.993
Max	5.024	5.013	5.022	5.029	5.066	5.047
UL	5.175	5.175	5.175	5.175	5.175	5.175

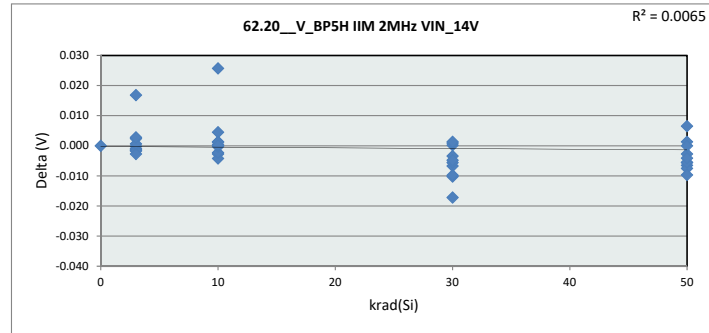


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TPS7H6003-SP (5962R2220101VXC)

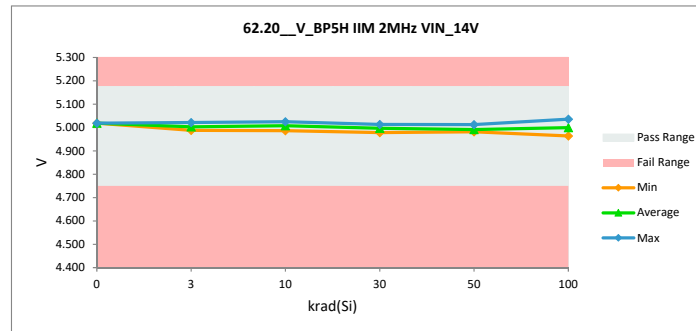
62.20_V_BP5H IIM 2MHz VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	5.019	5.019	0.000
3	58	5.022	5.021	-0.001
3	59	5.009	5.007	-0.002
3	60	5.002	5.001	0.000
3	61	4.995	4.994	-0.001
3	62	4.989	4.988	-0.002
3	134	5.002	5.004	0.002
3	137	5.006	5.004	-0.003
3	138	4.987	5.004	0.017
3	139	4.997	4.997	0.001
3	236	5.007	5.009	0.003
10	63	4.989	4.986	-0.003
10	64	5.002	5.004	0.001
10	65	5.022	5.022	0.000
10	66	4.993	4.989	-0.004
10	150	5.008	5.006	-0.002
10	237	4.984	5.010	0.026
10	241	4.999	5.004	0.004
10	242	5.023	5.024	0.001
10	243	5.023	5.022	0.000
10	244	5.005	5.005	0.000
30	141	5.011	5.011	0.000
30	144	4.985	4.978	-0.007
30	145	5.014	5.008	-0.006
30	146	4.996	4.986	-0.010
30	147	4.999	4.995	-0.003
30	132	5.011	5.001	-0.010
30	133	5.000	5.001	0.001
30	135	5.006	4.989	-0.017
30	245	5.012	5.013	0.001
30	246	4.984	4.979	-0.005
50	67	5.011	5.012	0.001
50	68	5.001	5.008	0.007
50	69	4.991	4.985	-0.006
50	71	4.992	4.989	-0.003
50	72	4.984	4.984	0.000
50	172	4.995	4.988	-0.007
50	173	4.993	4.985	-0.007
50	174	5.003	4.993	-0.010
50	183	4.987	4.981	-0.005
50	186	4.989	4.985	-0.004
100	95	4.989	4.979	-0.010
100	102	4.986	4.991	0.005
100	104	5.007	5.026	0.019
100	105	5.000	5.022	0.021
100	106	4.992	4.964	-0.028
100	178	4.995	4.987	-0.008
100	179	4.998	4.995	-0.003
100	180	4.993	4.992	0.000
100	181	5.022	4.998	-0.024
100	182	5.012	5.036	0.023
Max		5.023	5.036	0.026
Average		5.001	5.000	-0.001
Min		4.984	4.964	-0.028
Std Dev		0.011	0.015	0.010



62.20_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.019	4.988	4.986	4.978	4.981	4.964
Average	5.019	5.003	5.007	4.996	4.991	4.999
Max	5.019	5.021	5.024	5.013	5.012	5.036
UL	5.175	5.175	5.175	5.175	5.175	5.175

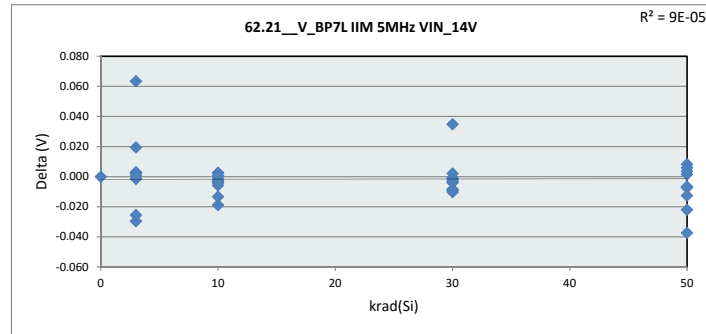


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TPS7H6003-SP (5962R2220101VXC)

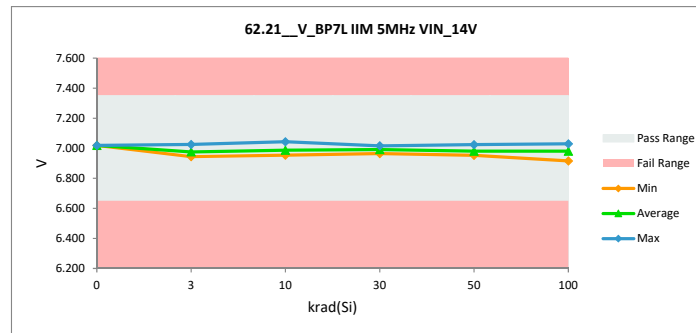
62.21_V_BP7L IIM 5MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.35	7.35
Min Limit	6.65	6.65

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	7.019	7.019	0.000
3	58	7.022	7.025	0.003
3	59	6.981	6.984	0.002
3	60	6.953	6.956	0.002
3	61	6.966	6.964	-0.001
3	62	6.945	6.944	-0.001
3	134	7.014	6.984	-0.030
3	137	6.921	6.984	0.063
3	138	7.009	6.984	-0.025
3	139	6.957	6.957	0.001
3	236	6.952	6.972	0.019
10	63	6.956	6.953	-0.003
10	64	6.980	6.976	-0.004
10	65	7.003	7.005	0.002
10	66	6.997	6.996	-0.001
10	150	6.996	6.990	-0.006
10	237	6.990	6.971	-0.019
10	241	6.998	6.984	-0.013
10	242	6.973	6.975	0.003
10	243	6.973	6.973	0.001
10	244	7.047	7.043	-0.004
30	141	7.013	7.010	-0.003
30	144	6.968	6.967	-0.001
30	145	7.011	7.009	-0.002
30	146	6.989	6.980	-0.009
30	147	6.990	6.982	-0.008
30	132	7.014	7.016	0.002
30	133	7.011	7.001	-0.010
30	135	6.973	7.008	0.035
30	245	6.968	6.964	-0.004
30	246	6.982	6.973	-0.009
50	67	7.014	7.007	-0.007
50	68	6.975	6.953	-0.022
50	69	7.016	7.024	0.008
50	71	6.961	6.953	-0.007
50	72	6.976	6.970	-0.007
50	172	6.995	6.957	-0.037
50	173	7.006	6.993	-0.012
50	174	6.982	6.988	0.006
50	183	6.990	6.992	0.001
50	186	6.959	6.962	0.004
100	95	6.972	6.998	0.026
100	102	6.925	6.916	-0.008
100	104	7.005	6.990	-0.015
100	105	6.993	6.965	-0.028
100	106	6.918	6.916	-0.002
100	178	7.021	7.005	-0.016
100	179	6.959	7.008	0.049
100	180	6.993	6.981	-0.011
100	181	6.997	6.989	-0.008
100	182	6.999	7.030	0.031
Max		7.047	7.043	0.063
Average		6.985	6.983	-0.002
Min		6.918	6.916	-0.037
Std Dev		0.027	0.026	0.018



62.21_V_BP7L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.35	V
Min Limit	6.65	V

krad(Si)	0	3	10	30	50	100
LL	6.650	6.650	6.650	6.650	6.650	6.650
Min	7.019	6.944	6.953	6.964	6.953	6.916
Average	7.019	6.975	6.987	6.991	6.980	6.980
Max	7.019	7.025	7.043	7.016	7.024	7.030
UL	7.350	7.350	7.350	7.350	7.350	7.350

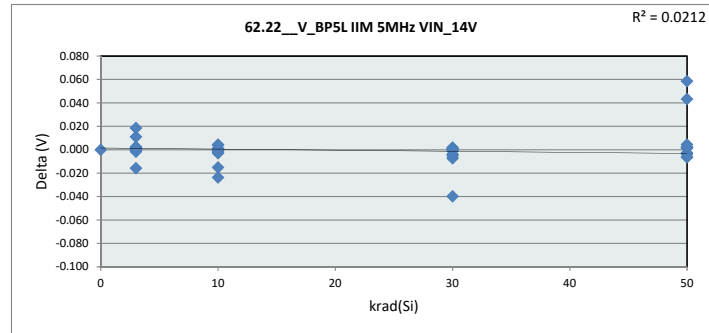


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

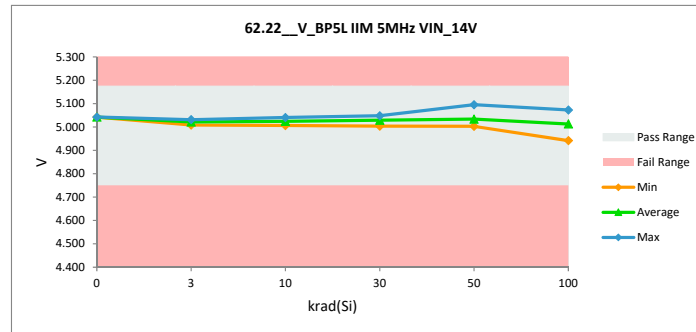
62.22_V_BP5L IIM 5MHz VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.043	5.043	0.000
3	58	5.018	5.018	0.000
3	59	5.008	5.009	0.000
3	60	5.021	5.020	0.000
3	61	5.023	5.021	-0.002
3	62	5.030	5.031	0.002
3	134	5.013	5.024	0.011
3	137	5.005	5.024	0.019
3	138	5.022	5.025	0.002
3	139	5.024	5.026	0.002
3	236	5.031	5.015	-0.016
10	63	5.028	5.025	-0.003
10	64	5.012	5.013	0.001
10	65	5.041	5.040	-0.001
10	66	5.034	5.032	-0.001
10	150	5.022	5.019	-0.003
10	237	5.040	5.016	-0.024
10	241	5.040	5.024	-0.015
10	242	5.005	5.007	0.001
10	243	5.029	5.033	0.004
10	244	5.025	5.030	0.004
30	141	5.030	5.030	-0.001
30	144	5.040	5.042	0.002
30	145	5.035	5.035	0.000
30	146	5.017	5.009	-0.007
30	147	5.048	5.048	0.001
30	132	5.019	5.020	0.001
30	133	5.033	5.032	-0.001
30	135	5.043	5.003	-0.040
30	245	5.032	5.027	-0.005
30	246	5.044	5.040	-0.004
50	67	5.009	5.006	-0.003
50	68	5.015	5.058	0.043
50	69	5.037	5.033	-0.004
50	71	5.028	5.030	0.002
50	72	5.025	5.019	-0.006
50	172	5.037	5.095	0.058
50	173	5.009	5.003	-0.006
50	174	5.039	5.041	0.002
50	183	5.032	5.036	0.004
50	186	5.015	5.017	0.002
100	95	5.022	5.006	-0.016
100	102	5.029	5.031	0.002
100	104	5.017	4.995	-0.022
100	105	5.014	5.073	0.059
100	106	5.021	4.942	-0.079
100	178	5.041	5.056	0.015
100	179	5.011	4.991	-0.020
100	180	5.042	4.971	-0.071
100	181	5.026	5.018	-0.008
100	182	5.033	5.049	0.016
Max		5.048	5.095	0.059
Average		5.027	5.025	-0.002
Min		5.005	4.942	-0.079
Std Dev		0.011	0.023	0.022



62.22_V_BP5L IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.043	5.009	5.007	5.004	5.003	4.942
Average	5.043	5.021	5.024	5.029	5.034	5.013
Max	5.043	5.031	5.040	5.048	5.095	5.073
UL	5.175	5.175	5.175	5.175	5.175	5.175

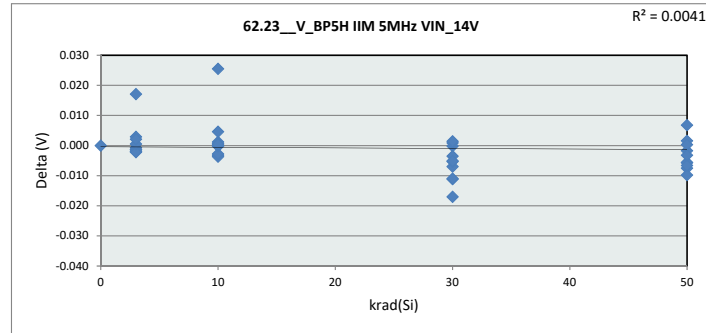


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

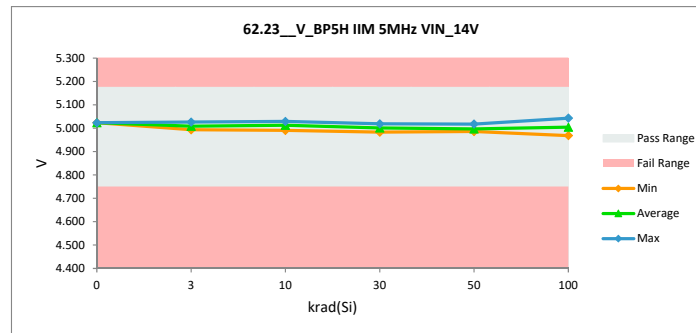
62.23_V_BP5H IIM 5MHz VIN_		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	5.175	5.175
Min Limit	4.75	4.75

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.024	5.024	0.000
3	58	5.028	5.027	-0.001
3	59	5.014	5.012	-0.002
3	60	5.007	5.006	-0.001
3	61	5.001	5.000	-0.001
3	62	4.995	4.993	-0.002
3	134	5.007	5.010	0.003
3	137	5.012	5.010	-0.002
3	138	4.992	5.010	0.017
3	139	5.002	5.002	0.000
3	236	5.012	5.014	0.002
10	63	4.994	4.991	-0.003
10	64	5.008	5.009	0.001
10	65	5.027	5.027	0.000
10	66	4.998	4.995	-0.004
10	150	5.013	5.011	-0.003
10	237	4.989	5.014	0.025
10	241	5.005	5.010	0.005
10	242	5.028	5.029	0.001
10	243	5.028	5.028	0.000
10	244	5.011	5.011	0.000
30	141	5.017	5.016	0.000
30	144	4.990	4.983	-0.007
30	145	5.019	5.013	-0.005
30	146	5.002	4.990	-0.011
30	147	5.004	5.000	-0.003
30	132	5.016	5.005	-0.011
30	133	5.005	5.006	0.001
30	135	5.011	4.994	-0.017
30	245	5.017	5.019	0.001
30	246	4.988	4.983	-0.005
50	67	5.016	5.018	0.002
50	68	5.007	5.014	0.007
50	69	4.996	4.990	-0.006
50	71	4.997	4.995	-0.002
50	72	4.989	4.989	0.000
50	172	5.000	4.995	-0.006
50	173	4.999	4.991	-0.008
50	174	5.008	4.998	-0.010
50	183	4.992	4.986	-0.007
50	186	4.995	4.992	-0.003
100	95	4.994	4.984	-0.010
100	102	4.992	4.996	0.004
100	104	5.012	5.032	0.020
100	105	5.006	5.029	0.023
100	106	4.997	4.969	-0.029
100	178	5.000	4.992	-0.008
100	179	5.003	5.001	-0.002
100	180	4.998	4.997	-0.001
100	181	5.027	5.002	-0.025
100	182	5.018	5.043	0.025
Max		5.028	5.043	0.025
Average		5.006	5.005	-0.001
Min		4.988	4.969	-0.029
Std Dev		0.011	0.015	0.010



62.23_V_BP5H IIM		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.175	V
Min Limit	4.75	V

krad(Si)	0	3	10	30	50	100
LL	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.024	4.993	4.991	4.983	4.986	4.969
Average	5.024	5.008	5.012	5.001	4.997	5.004
Max	5.024	5.027	5.029	5.019	5.018	5.043
UL	5.175	5.175	5.175	5.175	5.175	5.175

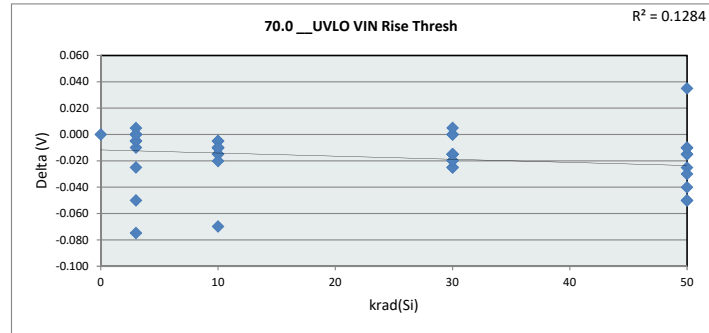


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

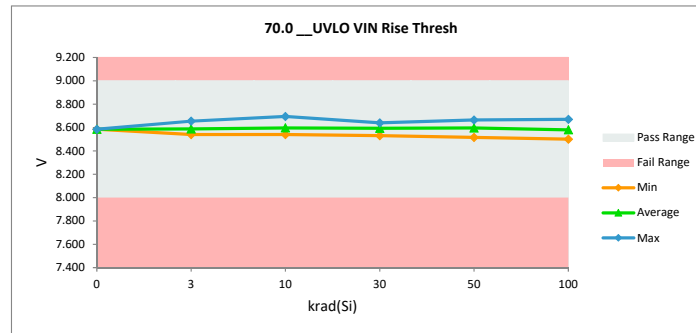
70.0 __UVLO VIN Rise Thresh		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	9	9
Min Limit	8	8

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	8.585	8.585	0.000
3	58	8.590	8.590	0.000
3	59	8.655	8.655	0.000
3	60	8.565	8.560	-0.005
3	61	8.630	8.620	-0.010
3	62	8.570	8.565	-0.005
3	134	8.590	8.540	-0.050
3	137	8.565	8.540	-0.025
3	138	8.615	8.540	-0.075
3	139	8.635	8.640	0.005
3	236	8.630	8.630	0.000
10	63	8.580	8.565	-0.015
10	64	8.595	8.590	-0.005
10	65	8.585	8.580	-0.005
10	66	8.585	8.575	-0.010
10	150	8.635	8.620	-0.015
10	237	8.650	8.630	-0.020
10	241	8.610	8.540	-0.070
10	242	8.620	8.610	-0.010
10	243	8.570	8.560	-0.010
10	244	8.705	8.695	-0.010
30	141	8.635	8.620	-0.015
30	144	8.660	8.635	-0.025
30	145	8.620	8.605	-0.015
30	146	8.605	8.605	0.000
30	147	8.590	8.575	-0.015
30	132	8.640	8.640	0.000
30	133	8.570	8.545	-0.025
30	135	8.640	8.620	-0.020
30	245	8.580	8.560	-0.020
30	246	8.525	8.530	0.005
50	67	8.620	8.605	-0.015
50	68	8.570	8.605	0.035
50	69	8.645	8.630	-0.015
50	71	8.640	8.630	-0.010
50	72	8.650	8.640	-0.010
50	172	8.580	8.530	-0.050
50	173	8.635	8.610	-0.025
50	174	8.695	8.665	-0.030
50	183	8.565	8.515	-0.050
50	186	8.570	8.530	-0.040
100	95	8.600	8.585	-0.015
100	102	8.600	8.605	0.005
100	104	8.580	8.560	-0.020
100	105	8.655	8.635	-0.020
100	106	8.600	8.580	-0.020
100	178	8.725	8.670	-0.055
100	179	8.620	8.570	-0.050
100	180	8.665	8.595	-0.070
100	181	8.575	8.500	-0.075
100	182	8.565	8.505	-0.060
Max		8.725	8.695	0.035
Average		8.611	8.591	-0.021
Min		8.525	8.500	-0.075
Std Dev		0.040	0.045	0.023



70.0 __UVLO VIN Rise Thresh		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	9	V
Min Limit	8	V

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	8.585	8.540	8.540	8.530	8.515	8.500
Average	8.585	8.588	8.597	8.594	8.596	8.580
Max	8.585	8.655	8.695	8.640	8.665	8.670
UL	9.000	9.000	9.000	9.000	9.000	9.000

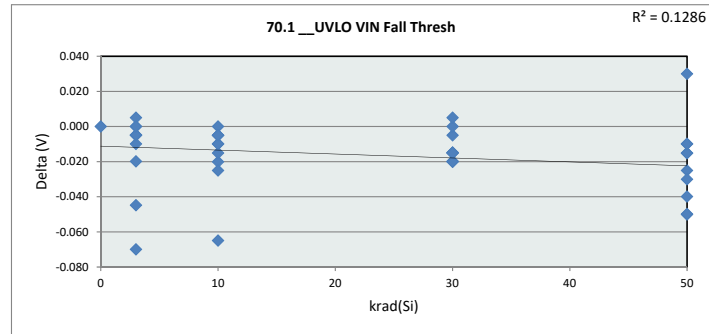


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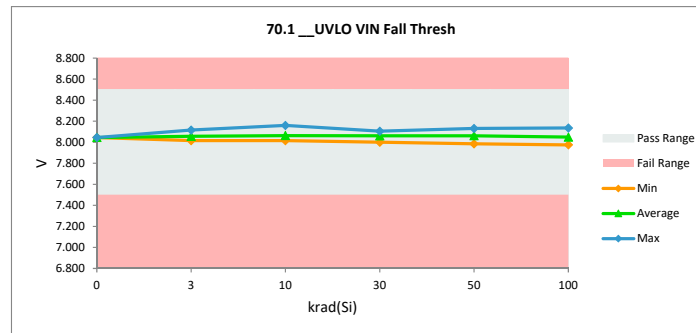
70.1 __ UVLO VIN Fall Thresh		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	8.5	8.5
Min Limit	7.5	7.5

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	8.045	8.045	0.000
3	58	8.055	8.055	0.000
3	59	8.120	8.115	-0.005
3	60	8.035	8.030	-0.005
3	61	8.095	8.085	-0.010
3	62	8.035	8.030	-0.005
3	134	8.060	8.015	-0.045
3	137	8.035	8.015	-0.020
3	138	8.085	8.015	-0.070
3	139	8.100	8.105	0.005
3	236	8.095	8.095	0.000
10	63	8.050	8.030	-0.020
10	64	8.055	8.055	0.000
10	65	8.050	8.045	-0.005
10	66	8.050	8.045	-0.005
10	150	8.100	8.085	-0.015
10	237	8.120	8.095	-0.025
10	241	8.080	8.015	-0.065
10	242	8.085	8.075	-0.010
10	243	8.040	8.030	-0.010
10	244	8.165	8.160	-0.005
30	141	8.100	8.085	-0.015
30	144	8.120	8.100	-0.020
30	145	8.085	8.070	-0.015
30	146	8.075	8.070	-0.005
30	147	8.060	8.045	-0.015
30	132	8.105	8.105	0.000
30	133	8.035	8.015	-0.020
30	135	8.105	8.085	-0.020
30	245	8.045	8.030	-0.015
30	246	7.995	8.000	0.005
50	67	8.085	8.075	-0.010
50	68	8.035	8.065	0.030
50	69	8.110	8.095	-0.015
50	71	8.105	8.090	-0.015
50	72	8.115	8.105	-0.010
50	172	8.050	8.000	-0.050
50	173	8.100	8.075	-0.025
50	174	8.160	8.130	-0.030
50	183	8.035	7.985	-0.050
50	186	8.040	8.000	-0.040
100	95	8.070	8.050	-0.020
100	102	8.060	8.070	0.010
100	104	8.050	8.030	-0.020
100	105	8.115	8.100	-0.015
100	106	8.065	8.050	-0.015
100	178	8.190	8.135	-0.055
100	179	8.085	8.035	-0.050
100	180	8.125	8.060	-0.065
100	181	8.040	7.975	-0.065
100	182	8.035	7.975	-0.060
Max		8.190	8.160	0.030
Average		8.077	8.058	-0.020
Min		7.995	7.975	-0.020
Std Dev		0.039	0.042	0.022



70.1 __ UVLO VIN Fa		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8.5	V
Min Limit	7.5	V

krad(Si)	0	3	10	30	50	100
LL	7.500	7.500	7.500	7.500	7.500	7.500
Min	8.045	8.015	8.015	8.000	7.985	7.975
Average	8.045	8.056	8.064	8.061	8.062	8.048
Max	8.045	8.115	8.160	8.105	8.130	8.135
UL	8.500	8.500	8.500	8.500	8.500	8.500

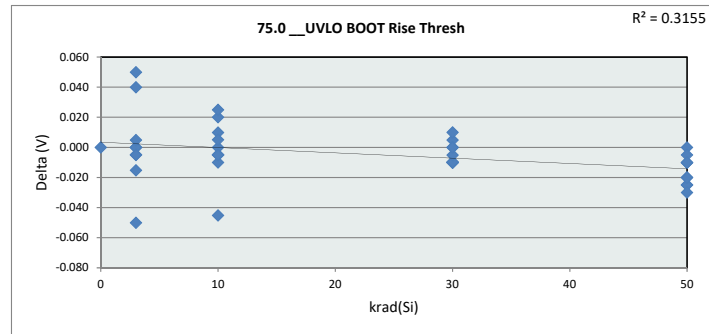


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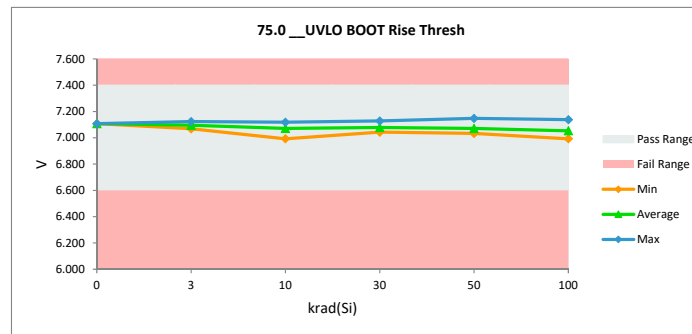
75.0 __UVLO BOOT Rise Thresh		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7.4	7.4
Min Limit	6.6	6.6

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	7.108	7.108	0.000
3	58	7.102	7.102	0.000
3	59	7.102	7.098	-0.005
3	60	7.068	7.068	0.000
3	61	7.098	7.098	0.000
3	62	7.128	7.123	-0.005
3	134	7.133	7.082	-0.050
3	137	7.098	7.082	-0.015
3	138	7.032	7.082	0.050
3	139	7.098	7.102	0.005
3	236	7.068	7.108	0.040
10	63	7.098	7.093	-0.005
10	64	7.073	7.068	-0.005
10	65	7.088	7.077	-0.010
10	66	6.992	6.992	0.000
10	150	7.057	7.052	-0.005
10	237	7.088	7.108	0.020
10	241	7.128	7.082	-0.045
10	242	7.013	7.022	0.010
10	243	7.088	7.093	0.005
10	244	7.093	7.117	0.025
30	141	7.077	7.082	0.005
30	144	7.068	7.057	-0.010
30	145	7.057	7.048	-0.010
30	146	7.077	7.068	-0.010
30	147	7.082	7.073	-0.010
30	132	7.098	7.098	0.000
30	133	7.032	7.043	0.010
30	135	7.137	7.128	-0.010
30	245	7.123	7.117	-0.005
30	246	7.068	7.068	0.000
50	67	7.057	7.032	-0.025
50	68	7.082	7.057	-0.025
50	69	7.167	7.148	-0.020
50	71	7.123	7.112	-0.010
50	72	7.063	7.063	0.000
50	172	7.073	7.043	-0.030
50	173	7.098	7.088	-0.010
50	174	7.073	7.052	-0.020
50	183	7.077	7.073	-0.005
50	186	7.043	7.032	-0.010
100	95	7.038	7.027	-0.010
100	102	7.093	7.057	-0.035
100	104	7.052	7.048	-0.005
100	105	7.052	7.048	-0.005
100	106	7.068	7.057	-0.010
100	178	7.102	7.052	-0.050
100	179	7.052	6.992	-0.060
100	180	7.177	7.137	-0.040
100	181	7.057	7.022	-0.035
100	182	7.157	7.088	-0.070
Max		7.177	7.148	0.050
Average		7.084	7.074	-0.010
Min		6.992	6.992	-0.070
Std Dev		0.037	0.034	0.022



75.0 __UVLO BOOT		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.4	V
Min Limit	6.6	V

krad(Si)	0	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600	6.600
Min	7.108	7.068	6.993	7.043	7.033	6.993
Average	7.108	7.095	7.071	7.078	7.070	7.053
Max	7.108	7.123	7.118	7.128	7.148	7.137
UL	7.400	7.400	7.400	7.400	7.400	7.400

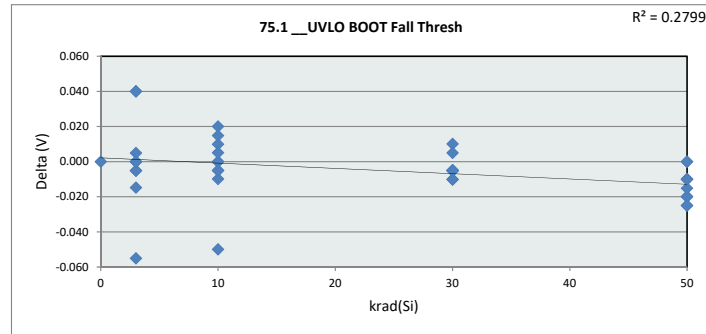


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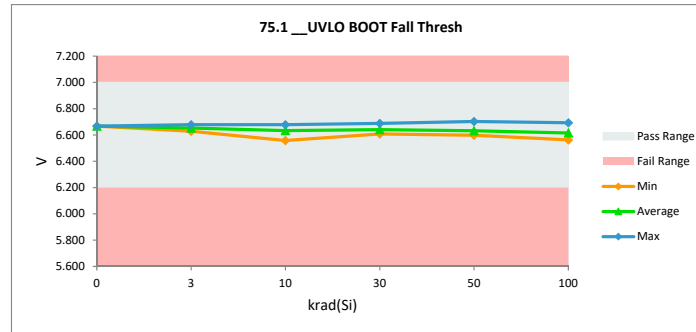
75.1 __UVLO BOOT Fail Thresh		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	7	7
Min Limit	6.2	6.2

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	6.668	6.668	0.000
3	58	6.663	6.663	0.000
3	59	6.657	6.652	-0.005
3	60	6.633	6.628	-0.005
3	61	6.657	6.657	0.000
3	62	6.677	6.677	0.000
3	134	6.693	6.638	-0.055
3	137	6.652	6.638	-0.015
3	138	6.597	6.638	0.040
3	139	6.663	6.668	0.005
3	236	6.628	6.668	0.040
10	63	6.652	6.652	0.000
10	64	6.633	6.628	-0.005
10	65	6.648	6.638	-0.010
10	66	6.557	6.557	0.000
10	150	6.622	6.617	-0.005
10	237	6.648	6.668	0.020
10	241	6.688	6.638	-0.050
10	242	6.578	6.588	0.010
10	243	6.657	6.663	0.005
10	244	6.663	6.677	0.015
30	141	6.642	6.638	-0.005
30	144	6.633	6.628	-0.005
30	145	6.622	6.617	-0.005
30	146	6.633	6.628	-0.005
30	147	6.638	6.628	-0.010
30	132	6.663	6.657	-0.005
30	133	6.597	6.608	0.010
30	135	6.693	6.688	-0.005
30	245	6.677	6.682	0.005
30	246	6.638	6.628	-0.010
50	67	6.622	6.603	-0.020
50	68	6.642	6.617	-0.025
50	69	6.723	6.702	-0.020
50	71	6.677	6.668	-0.010
50	72	6.622	6.622	0.000
50	172	6.633	6.608	-0.025
50	173	6.657	6.648	-0.010
50	174	6.633	6.617	-0.015
50	183	6.633	6.633	0.000
50	186	6.608	6.597	-0.010
100	95	6.603	6.592	-0.010
100	102	6.652	6.617	-0.035
100	104	6.617	6.608	-0.010
100	105	6.613	6.608	-0.005
100	106	6.622	6.617	-0.005
100	178	6.663	6.617	-0.045
100	179	6.613	6.562	-0.050
100	180	6.727	6.693	-0.035
100	181	6.617	6.582	-0.035
100	182	6.713	6.657	-0.055
Max		6.727	6.702	0.040
Average		6.644	6.635	-0.009
Min		6.557	6.557	-0.055
Std Dev		0.034	0.032	0.020



75.1 __UVLO BOOT		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7	V
Min Limit	6.2	V

krad(Si)	0	3	10	30	50	100
LL	6.200	6.200	6.200	6.200	6.200	6.200
Min	6.668	6.628	6.558	6.608	6.598	6.562
Average	6.668	6.653	6.633	6.640	6.632	6.616
Max	6.668	6.677	6.677	6.688	6.703	6.693
UL	7.000	7.000	7.000	7.000	7.000	7.000

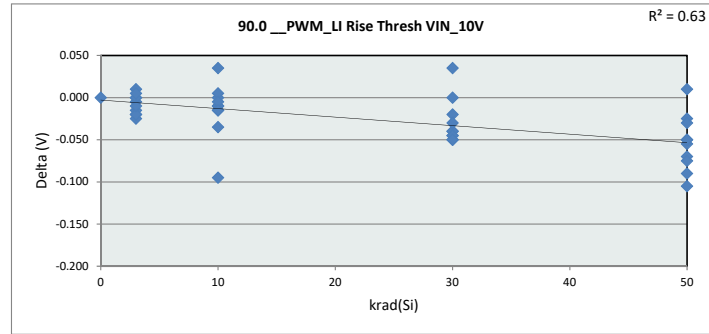


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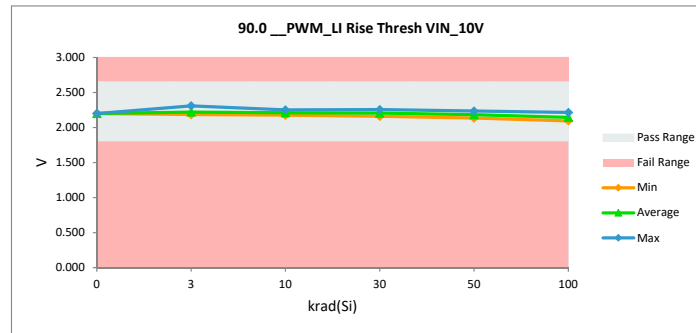
90.0 __PWM_LI Rise Thresh VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.65	2.65
Min Limit	1.8	1.8

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	2.200	2.200	0.000
3	58	2.255	2.235	-0.020
3	59	2.220	2.205	-0.015
3	60	2.310	2.310	0.000
3	61	2.220	2.195	-0.025
3	62	2.260	2.270	0.010
3	134	2.195	2.190	-0.005
3	137	2.205	2.185	-0.020
3	138	2.190	2.190	0.000
3	139	2.200	2.190	-0.010
3	236	2.230	2.235	0.005
10	63	2.215	2.215	0.000
10	64	2.245	2.230	-0.015
10	65	2.215	2.250	0.035
10	66	2.215	2.205	-0.010
10	150	2.225	2.190	-0.035
10	237	2.325	2.230	-0.095
10	241	2.200	2.190	-0.010
10	242	2.190	2.195	0.005
10	243	2.215	2.210	-0.005
10	244	2.190	2.175	-0.015
30	141	2.225	2.185	-0.040
30	144	2.205	2.165	-0.040
30	145	2.235	2.235	0.000
30	146	2.205	2.160	-0.045
30	147	2.210	2.190	-0.020
30	132	2.210	2.245	0.035
30	133	2.260	2.210	-0.050
30	135	2.285	2.255	-0.030
30	245	2.240	2.195	-0.045
30	246	2.265	2.215	-0.050
50	67	2.240	2.135	-0.105
50	68	2.240	2.185	-0.055
50	69	2.235	2.165	-0.070
50	71	2.220	2.195	-0.025
50	72	2.230	2.140	-0.090
50	172	2.255	2.205	-0.050
50	173	2.190	2.200	0.010
50	174	2.195	2.165	-0.030
50	183	2.285	2.235	-0.050
50	186	2.270	2.195	-0.075
100	95	2.325	2.145	-0.180
100	102	2.215	2.105	-0.110
100	104	2.240	2.130	-0.110
100	105	2.210	2.120	-0.090
100	106	2.220	2.135	-0.085
100	178	2.280	2.185	-0.095
100	179	2.225	2.135	-0.090
100	180	2.210	2.095	-0.115
100	181	2.275	2.215	-0.060
100	182	2.300	2.185	-0.115
Max		2.325	2.310	0.035
Average		2.234	2.193	-0.041
Min		2.190	2.095	-0.180
Std Dev		0.035	0.042	0.045



90.0 __PWM_LI Rise		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.65	V
Min Limit	1.8	V

krad(Si)	0	3	10	30	50	100
LL	1.800	1.800	1.800	1.800	1.800	1.800
Min	2.200	2.185	2.175	2.160	2.135	2.095
Average	2.200	2.221	2.209	2.206	2.182	2.145
Max	2.200	2.310	2.250	2.255	2.235	2.215
UL	2.650	2.650	2.650	2.650	2.650	2.650

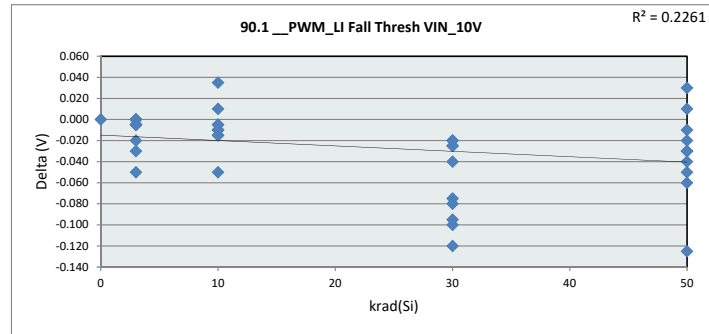


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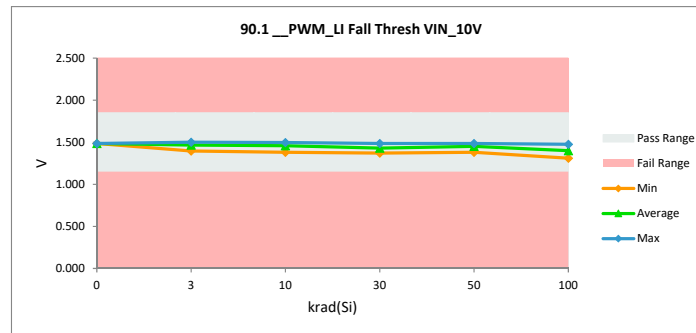
90.1 __PWM_LI Fall Thresh VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	1.85	1.85
Min Limit	1.15	1.15

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.485	1.485	0.000
3	58	1.395	1.395	0.000
3	59	1.410	1.405	-0.005
3	60	1.470	1.420	-0.050
3	61	1.500	1.495	-0.005
3	62	1.505	1.475	-0.030
3	134	1.495	1.495	0.000
3	137	1.495	1.495	0.000
3	138	1.500	1.495	-0.005
3	139	1.505	1.500	-0.005
3	236	1.505	1.485	-0.020
10	63	1.425	1.410	-0.015
10	64	1.390	1.380	-0.010
10	65	1.450	1.440	-0.010
10	66	1.505	1.455	-0.050
10	150	1.420	1.430	0.010
10	237	1.450	1.485	0.035
10	241	1.510	1.495	-0.015
10	242	1.495	1.490	-0.005
10	243	1.500	1.495	-0.005
10	244	1.505	1.495	-0.010
30	141	1.490	1.395	-0.095
30	144	1.505	1.465	-0.040
30	145	1.475	1.400	-0.075
30	146	1.420	1.400	-0.020
30	147	1.510	1.485	-0.025
30	132	1.470	1.370	-0.100
30	133	1.505	1.480	-0.025
30	135	1.505	1.385	-0.120
30	245	1.505	1.485	-0.020
30	246	1.515	1.435	-0.080
50	67	1.485	1.435	-0.050
50	68	1.435	1.465	0.030
50	69	1.510	1.450	-0.060
50	71	1.455	1.465	0.010
50	72	1.505	1.465	-0.040
50	172	1.495	1.485	-0.010
50	173	1.510	1.480	-0.030
50	174	1.505	1.380	-0.125
50	183	1.420	1.400	-0.020
50	186	1.500	1.470	-0.030
100	95	1.380	1.335	-0.045
100	102	1.410	1.360	-0.050
100	104	1.460	1.410	-0.050
100	105	1.505	1.460	-0.045
100	106	1.415	1.310	-0.105
100	178	1.515	1.385	-0.130
100	179	1.505	1.445	-0.060
100	180	1.420	1.355	-0.065
100	181	1.495	1.455	-0.040
100	182	1.510	1.475	-0.035
Max		1.515	1.500	0.035
Average		1.475	1.441	-0.034
Min		1.380	1.310	-0.130
Std Dev		0.040	0.049	0.038



90.1 __PWM_LI Fall		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.85	V
Min Limit	1.15	V

krad(Si)	0	3	10	30	50	100
LL	1.150	1.150	1.150	1.150	1.150	1.150
Min	1.485	1.395	1.380	1.370	1.380	1.310
Average	1.485	1.466	1.458	1.430	1.450	1.399
Max	1.485	1.500	1.495	1.485	1.485	1.475
UL	1.850	1.850	1.850	1.850	1.850	1.850

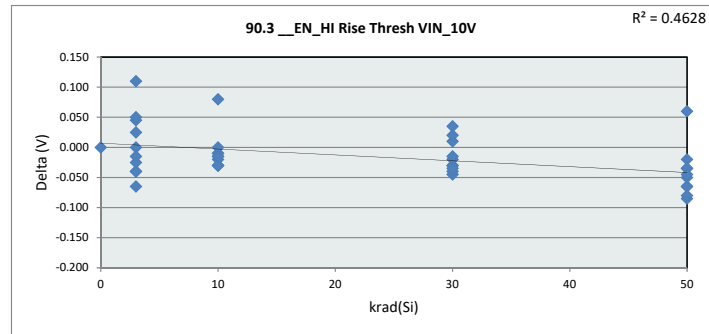


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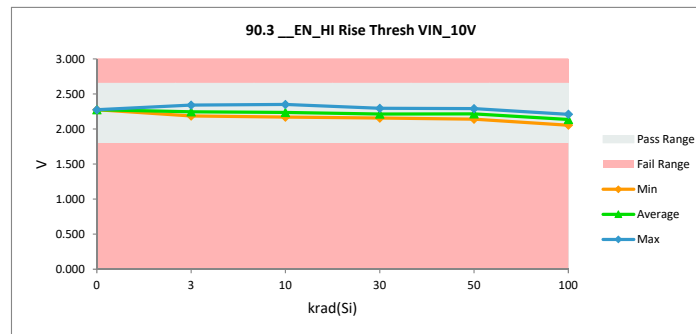
90.3 __EN_HI Rise Thresh VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.65	2.65
Min Limit	1.8	1.8

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	2.275	2.275	0.000
3	58	2.230	2.230	0.000
3	59	2.225	2.185	-0.040
3	60	2.200	2.225	0.025
3	61	2.280	2.255	-0.025
3	62	2.295	2.280	-0.015
3	134	2.265	2.225	-0.040
3	137	2.180	2.225	0.045
3	138	2.295	2.230	-0.065
3	139	2.200	2.250	0.050
3	236	2.230	2.340	0.110
10	63	2.185	2.170	-0.015
10	64	2.215	2.195	-0.020
10	65	2.310	2.280	-0.030
10	66	2.205	2.195	-0.010
10	150	2.255	2.245	-0.010
10	237	2.270	2.350	0.080
10	241	2.260	2.230	-0.030
10	242	2.190	2.190	0.000
10	243	2.325	2.295	-0.030
10	244	2.210	2.195	-0.015
30	141	2.195	2.165	-0.030
30	144	2.200	2.235	0.035
30	145	2.200	2.155	-0.045
30	146	2.255	2.225	-0.030
30	147	2.285	2.295	0.010
30	132	2.255	2.235	-0.020
30	133	2.210	2.170	-0.040
30	135	2.220	2.240	0.020
30	245	2.220	2.185	-0.035
30	246	2.240	2.225	-0.015
50	67	2.300	2.265	-0.035
50	68	2.245	2.160	-0.085
50	69	2.310	2.290	-0.020
50	71	2.310	2.245	-0.065
50	72	2.205	2.140	-0.065
50	172	2.215	2.180	-0.035
50	173	2.310	2.260	-0.050
50	174	2.190	2.250	0.060
50	183	2.295	2.215	-0.080
50	186	2.185	2.140	-0.045
100	95	2.285	2.135	-0.150
100	102	2.250	2.155	-0.095
100	104	2.305	2.210	-0.095
100	105	2.205	2.160	-0.045
100	106	2.190	2.055	-0.135
100	178	2.205	2.135	-0.070
100	179	2.185	2.110	-0.075
100	180	2.255	2.135	-0.120
100	181	2.190	2.110	-0.080
100	182	2.210	2.155	-0.055
Max		2.325	2.350	0.110
Average		2.240	2.210	-0.030
Min		2.180	2.055	-0.150
Std Dev		0.044	0.060	0.050



90.3 __EN_HI Rise T		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.65	V
Min Limit	1.8	V

krad(Si)	0	3	10	30	50	100
LL	1.800	1.800	1.800	1.800	1.800	1.800
Min	2.275	2.185	2.170	2.155	2.140	2.055
Average	2.275	2.245	2.235	2.213	2.215	2.136
Max	2.275	2.340	2.350	2.295	2.290	2.210
UL	2.650	2.650	2.650	2.650	2.650	2.650

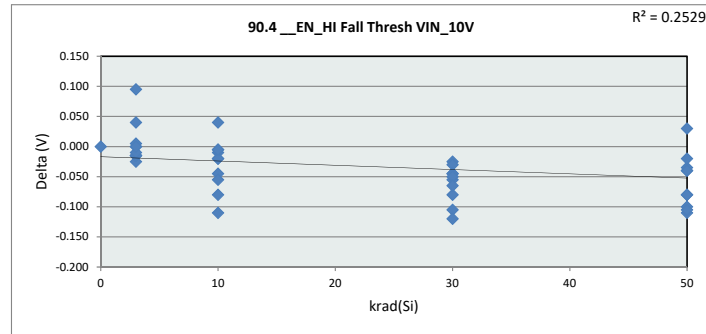


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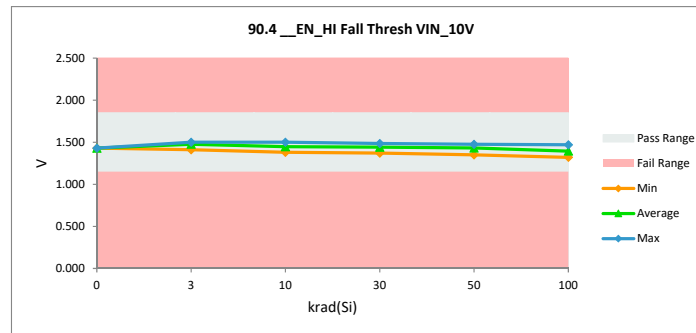
90.4 __EN_HI Fall Thresh VIN_1		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	1.85	1.85
Min Limit	1.15	1.15

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.430	1.430	0.000
3	58	1.455	1.495	0.040
3	59	1.435	1.410	-0.025
3	60	1.490	1.490	0.000
3	61	1.440	1.425	-0.015
3	62	1.460	1.445	-0.015
3	134	1.510	1.495	-0.015
3	137	1.495	1.500	0.005
3	138	1.405	1.500	0.095
3	139	1.510	1.500	-0.010
3	236	1.500	1.500	0.000
10	63	1.495	1.415	-0.080
10	64	1.445	1.485	0.040
10	65	1.420	1.410	-0.010
10	66	1.455	1.435	-0.020
10	150	1.425	1.380	-0.045
10	237	1.505	1.500	-0.005
10	241	1.520	1.500	-0.020
10	242	1.490	1.435	-0.055
10	243	1.505	1.500	-0.005
10	244	1.505	1.395	-0.110
30	141	1.510	1.465	-0.045
30	144	1.510	1.430	-0.080
30	145	1.510	1.485	-0.025
30	146	1.500	1.470	-0.030
30	147	1.515	1.410	-0.105
30	132	1.505	1.460	-0.045
30	133	1.515	1.460	-0.055
30	135	1.525	1.405	-0.120
30	245	1.420	1.370	-0.050
30	246	1.510	1.445	-0.065
50	67	1.510	1.430	-0.080
50	68	1.495	1.460	-0.035
50	69	1.510	1.410	-0.100
50	71	1.445	1.475	0.030
50	72	1.370	1.350	-0.020
50	172	1.515	1.405	-0.110
50	173	1.520	1.440	-0.080
50	174	1.510	1.470	-0.040
50	183	1.505	1.400	-0.105
50	186	1.505	1.465	-0.040
100	95	1.505	1.380	-0.125
100	102	1.385	1.320	-0.065
100	104	1.445	1.375	-0.070
100	105	1.470	1.470	0.000
100	106	1.390	1.375	-0.015
100	178	1.515	1.435	-0.080
100	179	1.495	1.435	-0.060
100	180	1.500	1.335	-0.165
100	181	1.505	1.440	-0.065
100	182	1.515	1.380	-0.135
Max		1.525	1.500	0.095
Average		1.481	1.437	-0.044
Min		1.370	1.320	-0.165
Std Dev		0.041	0.047	0.050



90.4 __EN_HI Fall T		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.85	V
Min Limit	1.15	V

krad(Si)	0	3	10	30	50	100
LL	1.150	1.150	1.150	1.150	1.150	1.150
Min	1.430	1.410	1.380	1.370	1.350	1.320
Average	1.430	1.476	1.446	1.440	1.431	1.395
Max	1.430	1.500	1.500	1.485	1.475	1.470
UL	1.850	1.850	1.850	1.850	1.850	1.850

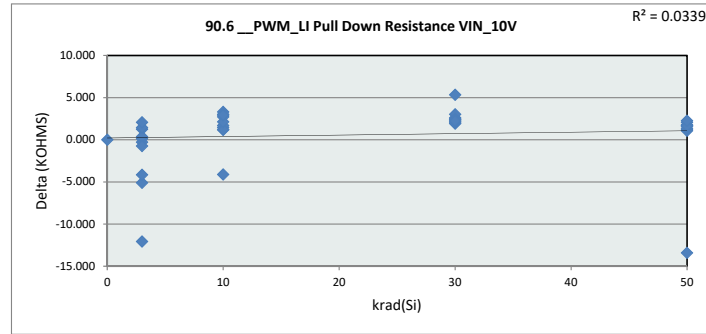


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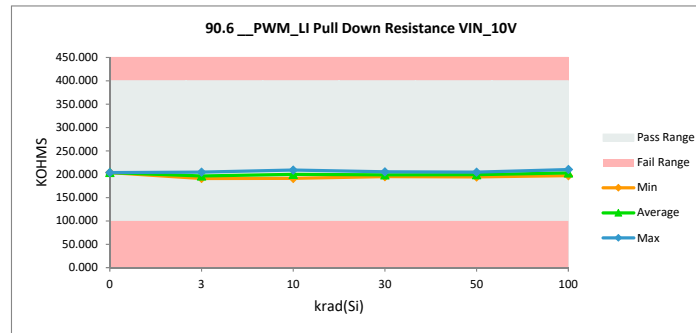
90.6 __ PWM_LI Pull Down Resis		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	400	400
Min Limit	100	100

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	203.572	203.572	0.000
3	58	200.855	200.570	-0.286
3	59	195.180	196.442	1.262
3	60	204.164	204.284	0.120
3	61	197.227	197.587	0.359
3	62	200.746	202.190	1.444
3	134	196.141	191.031	-5.111
3	137	195.102	190.941	-4.161
3	138	192.296	191.559	-0.737
3	139	190.260	192.331	2.071
3	236	207.196	195.126	-12.070
10	63	194.549	195.770	1.221
10	64	199.633	202.353	2.720
10	65	197.279	198.734	1.455
10	66	207.138	208.823	1.685
10	150	189.865	193.175	3.311
10	237	194.320	195.489	1.169
10	241	195.301	191.182	-4.119
10	242	203.229	205.352	2.123
10	243	205.911	208.937	3.026
10	244	193.561	196.477	2.915
30	141	193.621	195.953	2.332
30	144	193.926	196.374	2.449
30	145	192.772	194.891	2.118
30	146	202.290	204.892	2.602
30	147	201.721	204.747	3.026
30	132	195.986	197.899	1.913
30	133	193.333	195.331	1.998
30	135	195.179	200.517	5.338
30	245	196.863	199.314	2.452
30	246	194.759	196.986	2.226
50	67	196.201	197.382	1.181
50	68	208.817	195.405	-13.412
50	69	196.296	197.889	1.593
50	71	200.452	201.516	1.065
50	72	202.986	204.333	1.347
50	172	192.045	194.116	2.071
50	173	199.864	201.577	1.713
50	174	196.498	198.259	1.760
50	183	197.071	198.723	1.651
50	186	196.870	199.136	2.266
100	95	197.768	199.230	1.463
100	102	207.628	210.061	2.433
100	104	206.341	208.503	2.162
100	105	199.695	200.840	1.145
100	106	202.378	204.136	1.758
100	178	195.744	197.000	1.256
100	179	197.553	199.748	2.194
100	180	198.742	200.471	1.729
100	181	199.111	200.940	1.829
100	182	203.168	204.833	1.665
Max		208.817	210.061	5.338
Average		198.416	199.273	0.857
Min		189.865	190.941	-13.412
Std Dev		4.743	4.842	3.293



90.6 __ PWM_LI Pull		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	400	KOHMS
Min Limit	100	KOHMS

krad(Si)	0	3	10	30	50	100
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	203.572	190.941	191.182	194.891	194.116	197.000
Average	203.572	196.206	199.629	198.690	198.834	202.576
Max	203.572	204.284	208.937	204.892	204.333	210.061
UL	400.000	400.000	400.000	400.000	400.000	400.000

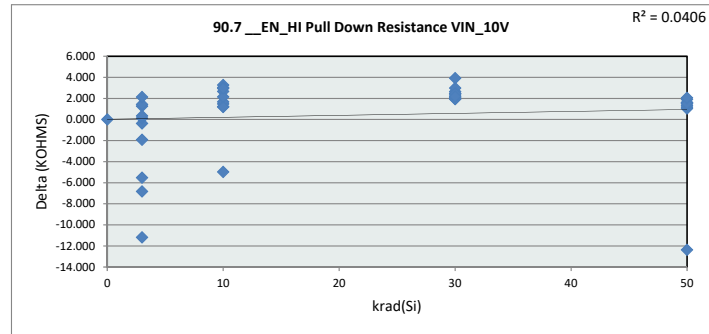


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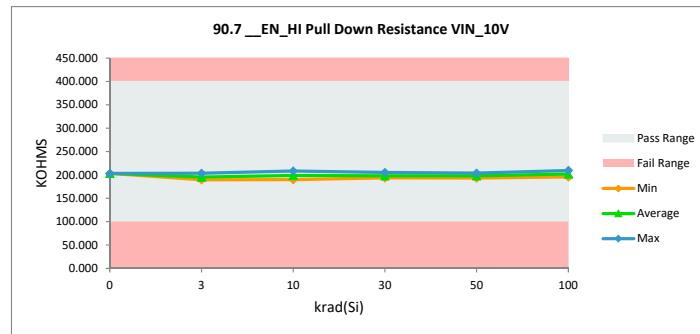
TPS7H6003-SP (5962R2220101VXC)

90.7 __EN_HI Pull Down Resist		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	400	400
Min Limit	100	100

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	203.336	203.336	0.000
3	58	199.609	199.241	-0.368
3	59	193.893	195.155	1.262
3	60	203.337	203.459	0.122
3	61	196.562	196.899	0.337
3	62	201.619	203.049	1.430
3	134	196.489	189.664	-6.826
3	137	195.107	189.592	-5.514
3	138	192.102	190.184	-1.918
3	139	189.414	191.541	2.127
3	236	205.815	194.632	-11.184
10	63	194.177	195.396	1.219
10	64	197.850	200.509	2.660
10	65	196.739	198.220	1.481
10	66	206.448	208.130	1.682
10	150	188.805	192.072	3.267
10	237	193.798	194.990	1.192
10	241	194.787	189.809	-4.977
10	242	202.391	204.531	2.140
10	243	205.279	208.303	3.025
10	244	193.661	196.614	2.953
30	141	192.852	195.173	2.321
30	144	193.910	196.368	2.459
30	145	191.580	193.677	2.097
30	146	202.717	205.357	2.640
30	147	200.615	203.593	2.978
30	132	194.827	196.752	1.926
30	133	192.569	194.530	1.961
30	135	194.563	198.482	3.919
30	245	196.915	199.371	2.457
30	246	193.709	195.885	2.176
50	67	196.484	197.661	1.177
50	68	207.372	195.008	-12.365
50	69	195.203	196.809	1.606
50	71	200.427	201.467	1.040
50	72	202.571	203.901	1.330
50	172	191.261	193.156	1.895
50	173	199.490	201.039	1.549
50	174	195.159	196.738	1.579
50	183	196.266	197.753	1.487
50	186	196.391	198.448	2.057
100	95	196.472	197.950	1.478
100	102	207.097	209.555	2.457
100	104	206.573	208.722	2.149
100	105	198.323	199.426	1.104
100	106	202.355	204.102	1.747
100	178	194.787	195.800	1.013
100	179	196.310	198.278	1.968
100	180	197.515	199.029	1.513
100	181	198.835	200.469	1.634
100	182	201.971	203.413	1.441
Max		207.372	209.555	3.919
Average		197.771	198.495	0.724
Min		188.805	189.592	-12.365
Std Dev		4.772	5.040	3.254



90.7 __EN_HI Pull D						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	400 KOHMS					
Min Limit	100 KOHMS					
krad(Si)	0	3	10	30	50	100
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	203.336	189.592	189.810	193.677	193.156	195.800
Average	203.336	195.342	198.857	197.919	198.198	201.674
Max	203.336	203.459	208.303	205.357	203.901	209.555
UL	400.000	400.000	400.000	400.000	400.000	400.000

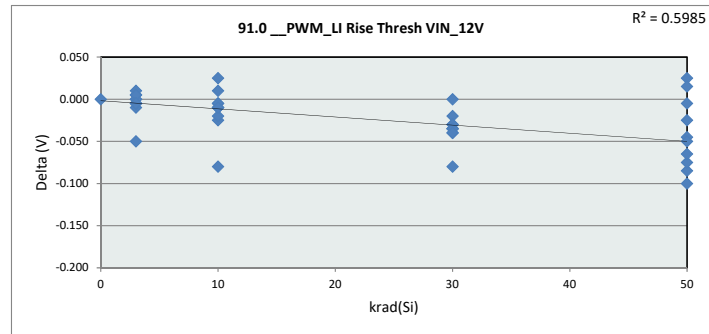


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91.0 __PWM_LI Rise Thresh VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.65	2.65
Min Limit	1.8	1.8

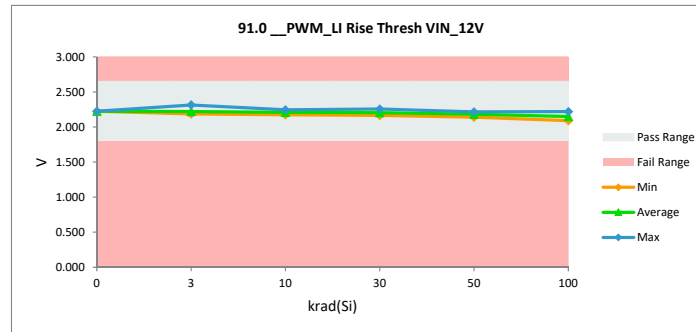
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	2.225	2.225	0.000
3	58	2.235	2.240	0.005
3	59	2.220	2.210	-0.010
3	60	2.315	2.315	0.000
3	61	2.195	2.205	0.010
3	62	2.255	2.255	0.000
3	134	2.235	2.185	-0.050
3	137	2.185	2.190	0.005
3	138	2.190	2.185	-0.005
3	139	2.195	2.190	-0.005
3	236	2.225	2.220	-0.005
10	63	2.205	2.215	0.010
10	64	2.240	2.230	-0.010
10	65	2.220	2.245	0.025
10	66	2.215	2.205	-0.010
10	150	2.220	2.195	-0.025
10	237	2.305	2.225	-0.080
10	241	2.200	2.195	-0.005
10	242	2.195	2.175	-0.020
10	243	2.220	2.215	-0.005
10	244	2.190	2.180	-0.010
30	141	2.200	2.180	-0.020
30	144	2.205	2.165	-0.040
30	145	2.230	2.230	0.000
30	146	2.205	2.170	-0.035
30	147	2.225	2.190	-0.035
30	132	2.275	2.245	-0.030
30	133	2.265	2.235	-0.030
30	135	2.290	2.255	-0.035
30	245	2.245	2.165	-0.080
30	246	2.250	2.210	-0.040
50	67	2.240	2.155	-0.085
50	68	2.220	2.175	-0.045
50	69	2.240	2.165	-0.075
50	71	2.205	2.200	-0.005
50	72	2.240	2.140	-0.100
50	172	2.185	2.210	0.025
50	173	2.190	2.165	-0.025
50	174	2.215	2.165	-0.050
50	183	2.280	2.215	-0.065
50	186	2.195	2.210	0.015
100	95	2.320	2.155	-0.165
100	102	2.215	2.105	-0.110
100	104	2.235	2.130	-0.105
100	105	2.220	2.120	-0.100
100	106	2.235	2.150	-0.085
100	178	2.280	2.195	-0.085
100	179	2.200	2.140	-0.060
100	180	2.210	2.090	-0.120
100	181	2.285	2.220	-0.065
100	182	2.305	2.185	-0.120
Max		2.320	2.315	0.025
Average		2.231	2.193	-0.038
Min		2.185	2.090	-0.165
Std Dev		0.036	0.041	0.044



91.0 __PWM_LI Rise

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	2.65 V
Min Limit	1.8 V

krad(Si)	0	3	10	30	50	100
LL	1.800	1.800	1.800	1.800	1.800	1.800
Min	2.225	2.185	2.175	2.165	2.140	2.090
Average	2.225	2.220	2.208	2.205	2.180	2.149
Max	2.225	2.315	2.245	2.255	2.215	2.220
UL	2.650	2.650	2.650	2.650	2.650	2.650

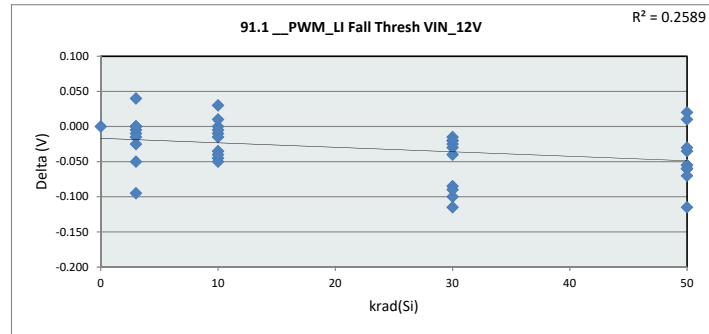


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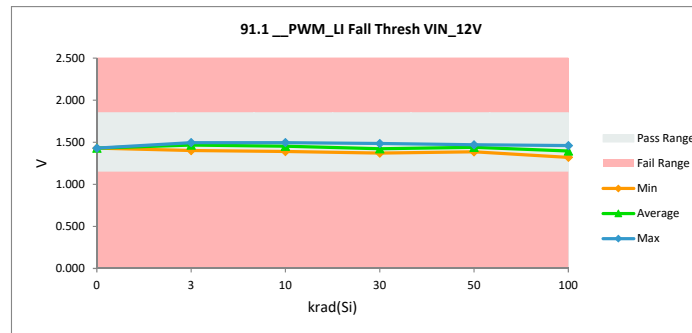
91.1 __PWM_LI Fall Thresh VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	1.85	1.85
Min Limit	1.15	1.15

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.430	1.430	0.000
3	58	1.495	1.400	-0.095
3	59	1.405	1.445	0.040
3	60	1.420	1.410	-0.010
3	61	1.495	1.490	-0.005
3	62	1.510	1.460	-0.050
3	134	1.495	1.495	0.000
3	137	1.495	1.495	0.000
3	138	1.495	1.495	0.000
3	139	1.505	1.480	-0.025
3	236	1.505	1.490	-0.015
10	63	1.465	1.420	-0.045
10	64	1.400	1.390	-0.010
10	65	1.440	1.440	0.000
10	66	1.505	1.455	-0.050
10	150	1.410	1.420	0.010
10	237	1.455	1.485	0.030
10	241	1.510	1.495	-0.015
10	242	1.495	1.460	-0.035
10	243	1.500	1.460	-0.040
10	244	1.500	1.495	-0.005
30	141	1.405	1.390	-0.015
30	144	1.505	1.475	-0.030
30	145	1.510	1.410	-0.100
30	146	1.425	1.385	-0.040
30	147	1.475	1.450	-0.025
30	132	1.485	1.370	-0.115
30	133	1.510	1.425	-0.085
30	135	1.430	1.410	-0.020
30	245	1.505	1.485	-0.020
30	246	1.515	1.425	-0.090
50	67	1.500	1.465	-0.035
50	68	1.450	1.470	0.020
50	69	1.445	1.455	0.010
50	71	1.495	1.465	-0.030
50	72	1.505	1.450	-0.055
50	172	1.500	1.445	-0.055
50	173	1.500	1.440	-0.060
50	174	1.505	1.390	-0.115
50	183	1.445	1.385	-0.060
50	186	1.500	1.430	-0.070
100	95	1.370	1.350	-0.020
100	102	1.415	1.350	-0.065
100	104	1.500	1.440	-0.060
100	105	1.505	1.460	-0.045
100	106	1.500	1.320	-0.180
100	178	1.515	1.355	-0.160
100	179	1.510	1.460	-0.050
100	180	1.410	1.345	-0.065
100	181	1.500	1.425	-0.075
100	182	1.515	1.455	-0.060
Max		1.515	1.495	0.040
Average		1.476	1.435	-0.041
Min		1.370	1.320	-0.180
Std Dev		0.040	0.045	0.044



91.1 __PWM_LI Fall		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.85	V
Min Limit	1.15	V

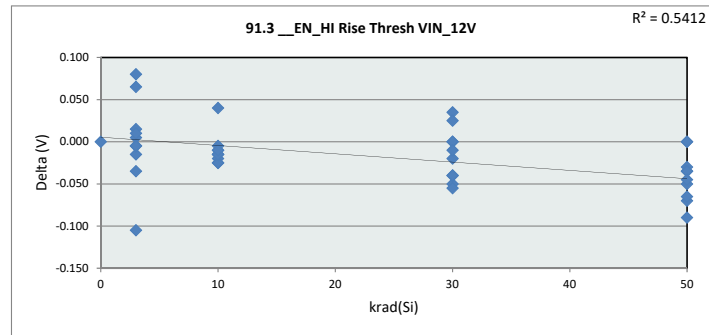
krad(Si)	0	3	10	30	50	100
LL	1.150	1.150	1.150	1.150	1.150	1.150
Min	1.430	1.400	1.390	1.370	1.385	1.320
Average	1.430	1.466	1.452	1.423	1.440	1.396
Max	1.430	1.495	1.495	1.485	1.470	1.460
UL	1.850	1.850	1.850	1.850	1.850	1.850



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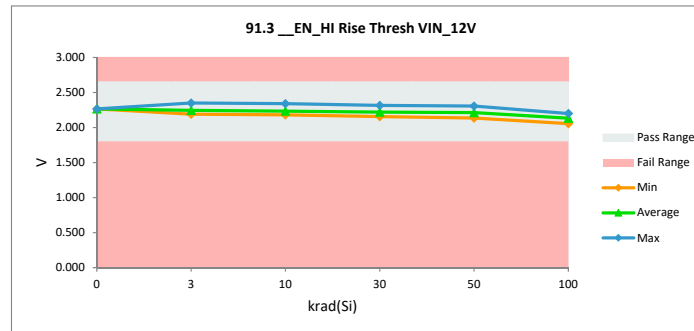
	91.3 EN_HI Rise Thresh VIN	
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.65	2.65
Min Limit	1.8	1.8

krad(Si)	Serial #	pre_short (rpt) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	2.265	2.265	0.000
3	58	2.240	2.225	-0.015
3	59	2.225	2.240	0.015
3	60	2.205	2.210	0.005
3	61	2.195	2.260	0.065
3	62	2.285	2.280	-0.005
3	134	2.260	2.225	-0.035
3	137	2.195	2.190	-0.005
3	138	2.300	2.195	-0.105
3	139	2.245	2.255	0.010
3	236	2.270	2.350	0.080
10	63	2.185	2.180	-0.005
10	64	2.205	2.190	-0.015
10	65	2.275	2.255	-0.020
10	66	2.205	2.190	-0.015
10	150	2.285	2.260	-0.025
10	237	2.300	2.340	0.040
10	241	2.245	2.220	-0.025
10	242	2.190	2.180	-0.010
10	243	2.320	2.305	-0.015
10	244	2.210	2.200	-0.010
30	141	2.205	2.155	-0.050
30	144	2.195	2.230	0.035
30	145	2.210	2.155	-0.055
30	146	2.260	2.220	-0.040
30	147	2.315	2.315	0.000
30	132	2.260	2.260	0.000
30	133	2.205	2.185	-0.020
30	135	2.220	2.245	0.025
30	245	2.225	2.185	-0.040
30	246	2.250	2.240	-0.010
50	67	2.290	2.260	-0.030
50	68	2.245	2.175	-0.070
50	69	2.305	2.305	0.000
50	71	2.305	2.240	-0.065
50	72	2.230	2.140	-0.090
50	172	2.195	2.160	-0.035
50	173	2.300	2.250	-0.050
50	174	2.255	2.255	0.000
50	183	2.230	2.195	-0.035
50	186	2.180	2.135	-0.045
100	95	2.265	2.140	-0.125
100	102	2.235	2.155	-0.080
100	104	2.310	2.200	-0.110
100	105	2.250	2.145	-0.105
100	106	2.190	2.055	-0.135
100	178	2.205	2.155	-0.050
100	179	2.185	2.105	-0.080
100	180	2.250	2.125	-0.125
100	181	2.190	2.110	-0.080
100	182	2.210	2.140	-0.070
	Max	2.320	2.350	0.080
	Average	2.241	2.209	-0.032
	Min	2.180	2.055	-0.135
	Std Dev	0.041	0.062	0.047



	91.3	EN_HI Rise 1
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	2.65	V
Min Limit	1.8	V

krad(Si)	0	3	10	30	50	100
LL	1.800	1.800	1.800	1.800	1.800	1.800
Min	2.265	2.190	2.180	2.155	2.135	2.055
Average	2.265	2.243	2.232	2.219	2.212	2.133
Max	2.265	2.350	2.340	2.315	2.305	2.200
UL	2.650	2.650	2.650	2.650	2.650	2.650



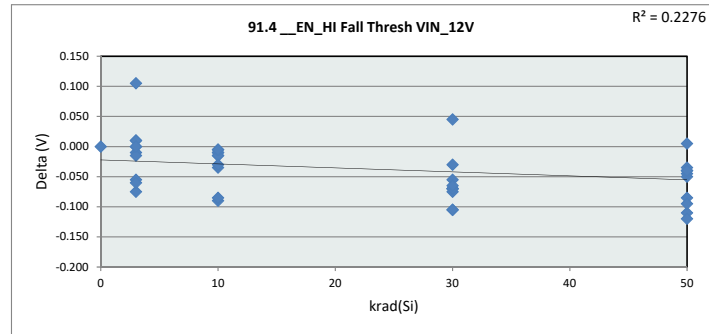
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91.4 __EN_HI Fall Thresh VIN_1

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	1.85	1.85
Min Limit	1.15	1.15

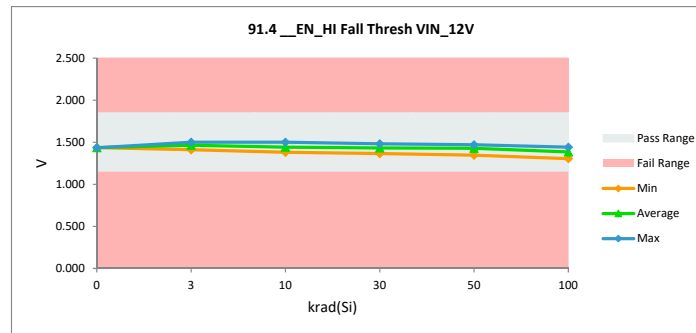
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.435	1.435	0.000
3	58	1.490	1.435	-0.055
3	59	1.400	1.410	0.010
3	60	1.500	1.425	-0.075
3	61	1.430	1.440	0.010
3	62	1.505	1.445	-0.060
3	134	1.510	1.500	-0.010
3	137	1.495	1.495	0.000
3	138	1.395	1.500	0.105
3	139	1.505	1.490	-0.015
3	236	1.500	1.500	0.000
10	63	1.495	1.405	-0.090
10	64	1.440	1.425	-0.015
10	65	1.420	1.410	-0.010
10	66	1.510	1.425	-0.085
10	150	1.430	1.395	-0.035
10	237	1.510	1.500	-0.010
10	241	1.515	1.500	-0.015
10	242	1.490	1.485	-0.005
10	243	1.510	1.480	-0.030
10	244	1.385	1.380	-0.005
30	141	1.510	1.480	-0.030
30	144	1.510	1.440	-0.070
30	145	1.505	1.430	-0.075
30	146	1.495	1.425	-0.070
30	147	1.510	1.405	-0.105
30	132	1.420	1.465	0.045
30	133	1.515	1.445	-0.070
30	135	1.515	1.410	-0.105
30	245	1.420	1.365	-0.055
30	246	1.510	1.445	-0.065
50	67	1.510	1.425	-0.085
50	68	1.505	1.455	-0.050
50	69	1.510	1.400	-0.110
50	71	1.430	1.435	0.005
50	72	1.380	1.345	-0.035
50	172	1.515	1.420	-0.095
50	173	1.510	1.465	-0.045
50	174	1.510	1.470	-0.040
50	183	1.505	1.385	-0.120
50	186	1.505	1.465	-0.040
100	95	1.480	1.395	-0.085
100	102	1.375	1.305	-0.070
100	104	1.435	1.375	-0.060
100	105	1.415	1.400	-0.015
100	106	1.390	1.380	-0.010
100	178	1.515	1.440	-0.075
100	179	1.500	1.435	-0.065
100	180	1.505	1.340	-0.165
100	181	1.510	1.400	-0.110
100	182	1.515	1.370	-0.145
Max		1.515	1.500	0.105
Average		1.476	1.429	-0.047
Min		1.375	1.305	-0.165
Std Dev		0.046	0.046	0.049



91.4 __EN_HI Fall T

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	1.85 V
Min Limit	1.15 V

krad(Si)	0	3	10	30	50	100
LL	1.150	1.150	1.150	1.150	1.150	1.150
Min	1.435	1.410	1.380	1.365	1.345	1.305
Average	1.435	1.464	1.441	1.431	1.427	1.384
Max	1.435	1.500	1.500	1.480	1.470	1.440
UL	1.850	1.850	1.850	1.850	1.850	1.850

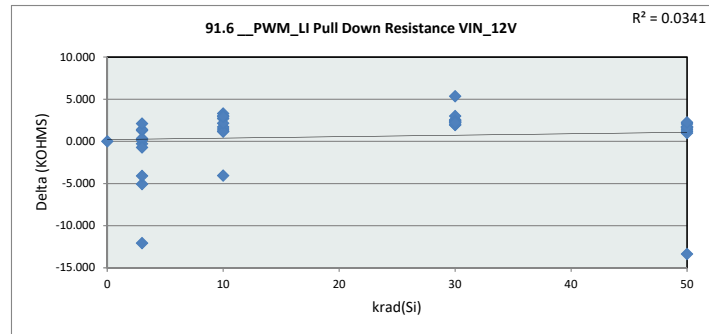


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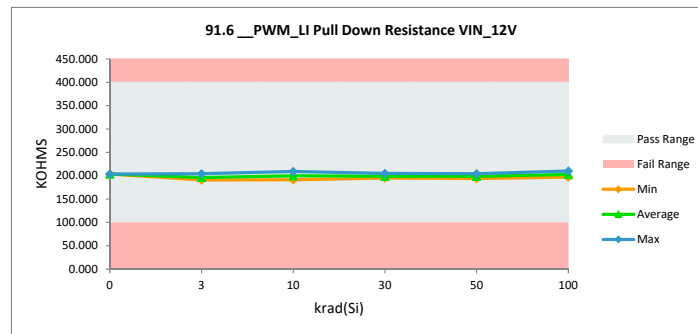
91.6 __PWM_LI Pull Down Resist		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	400	400
Min Limit	100	100

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	203.605	203.605	0.000
3	58	200.829	200.552	-0.277
3	59	195.149	196.432	1.284
3	60	204.147	204.292	0.145
3	61	197.227	197.570	0.342
3	62	200.713	202.110	1.397
3	134	196.108	191.050	-5.058
3	137	195.066	190.976	-4.090
3	138	192.287	191.576	-0.711
3	139	190.243	192.345	2.102
3	236	207.196	195.124	-12.072
10	63	194.535	195.747	1.212
10	64	199.627	202.330	2.703
10	65	197.255	198.710	1.455
10	66	207.129	208.832	1.702
10	150	189.870	193.173	3.303
10	237	194.307	195.473	1.166
10	241	195.276	191.215	-4.060
10	242	203.203	205.346	2.143
10	243	205.907	208.925	3.018
10	244	193.563	196.483	2.920
30	141	193.605	195.923	2.318
30	144	193.896	196.339	2.443
30	145	192.760	194.960	2.200
30	146	202.282	204.842	2.560
30	147	201.712	204.708	2.995
30	132	195.980	197.943	1.962
30	133	193.315	195.266	1.951
30	135	195.165	200.511	5.346
30	245	196.846	199.261	2.415
30	246	194.738	196.957	2.220
50	67	196.194	197.392	1.198
50	68	208.796	195.433	-13.363
50	69	196.279	197.875	1.597
50	71	200.452	201.447	0.995
50	72	202.987	204.350	1.363
50	172	192.041	194.112	2.071
50	173	199.841	201.590	1.749
50	174	196.485	198.222	1.737
50	183	197.040	198.700	1.661
50	186	196.844	199.106	2.262
100	95	197.744	199.218	1.474
100	102	207.599	210.051	2.451
100	104	206.331	208.486	2.155
100	105	199.704	200.866	1.162
100	106	202.362	204.096	1.734
100	178	195.708	197.025	1.317
100	179	197.536	199.716	2.180
100	180	198.719	200.423	1.704
100	181	199.092	200.957	1.864
100	182	203.151	204.861	1.710
Max		208.796	210.051	5.346
Average		198.401	199.265	0.864
Min		189.870	190.976	-13.363
Std Dev		4.745	4.835	3.283



91.6 __PWM_LI Pull		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	400	KOHMS
Min Limit	100	KOHMS

krad(Si)	0	3	10	30	50	100
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	203.606	190.976	191.215	194.960	194.112	197.025
Average	203.606	196.203	199.624	198.671	198.823	202.570
Max	203.606	204.292	208.925	204.842	204.350	210.051
UL	400.000	400.000	400.000	400.000	400.000	400.000

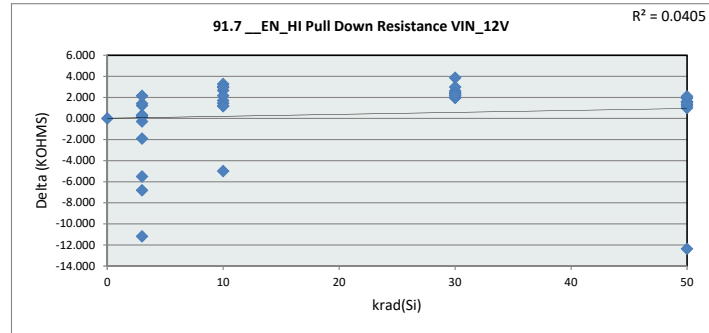


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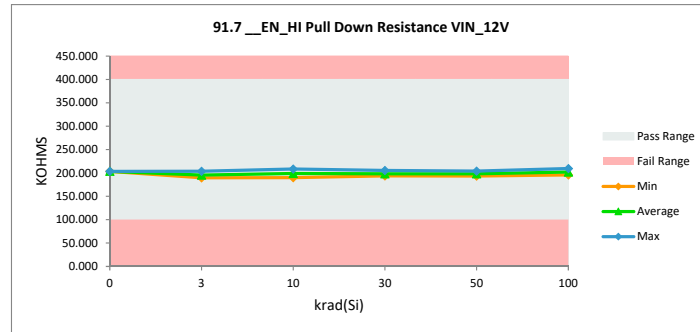
TPS7H6003-SP (5962R2220101VXC)

91.7 __EN_HI Pull Down Resistance		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	400	400
Min Limit	100	100

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	203.364	203.364	0.000
3	58	199.574	199.295	-0.279
3	59	193.872	195.105	1.233
3	60	203.323	203.471	0.148
3	61	196.556	196.872	0.316
3	62	201.584	203.004	1.420
3	134	196.464	189.652	-6.812
3	137	195.087	189.578	-5.509
3	138	192.089	190.173	-1.916
3	139	189.402	191.545	2.143
3	236	205.805	194.622	-11.183
10	63	194.170	195.361	1.191
10	64	197.852	200.518	2.667
10	65	196.724	198.176	1.452
10	66	206.437	208.138	1.700
10	150	188.788	192.060	3.272
10	237	193.782	194.958	1.176
10	241	194.774	189.786	-4.988
10	242	202.374	204.537	2.163
10	243	205.260	208.291	3.031
10	244	193.684	196.628	2.944
30	141	192.839	195.180	2.340
30	144	193.906	196.337	2.432
30	145	191.575	193.738	2.163
30	146	202.688	205.296	2.608
30	147	200.597	203.584	2.987
30	132	194.803	196.787	1.984
30	133	192.528	194.497	1.969
30	135	194.548	198.410	3.862
30	245	196.902	199.316	2.414
30	246	193.692	195.869	2.178
50	67	196.476	197.669	1.193
50	68	207.376	195.014	-12.362
50	69	195.204	196.781	1.577
50	71	200.430	201.428	0.998
50	72	202.558	203.883	1.325
50	172	191.251	193.179	1.928
50	173	199.460	201.031	1.571
50	174	195.142	196.722	1.580
50	183	196.238	197.730	1.492
50	186	196.355	198.451	2.096
100	95	196.459	197.910	1.451
100	102	207.080	209.523	2.443
100	104	206.543	208.714	2.171
100	105	198.330	199.482	1.152
100	106	202.318	204.065	1.747
100	178	194.736	195.804	1.068
100	179	196.287	198.243	1.956
100	180	197.512	198.939	1.427
100	181	198.839	200.464	1.625
100	182	201.955	203.426	1.472
Max		207.376	209.523	3.862
Average		197.757	198.483	0.726
Min		188.788	189.578	-12.362
Std Dev		4.772	5.038	3.252



91.7 __EN_HI Pull D						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	400 KOHMS					
Min Limit	100 KOHMS					
krad(Si)	0	3	10	30	50	100
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	203.364	189.578	189.786	193.738	193.179	195.804
Average	203.364	195.332	198.845	197.901	198.189	201.657
Max	203.364	203.471	208.291	205.296	203.883	209.523
UL	400.000	400.000	400.000	400.000	400.000	400.000

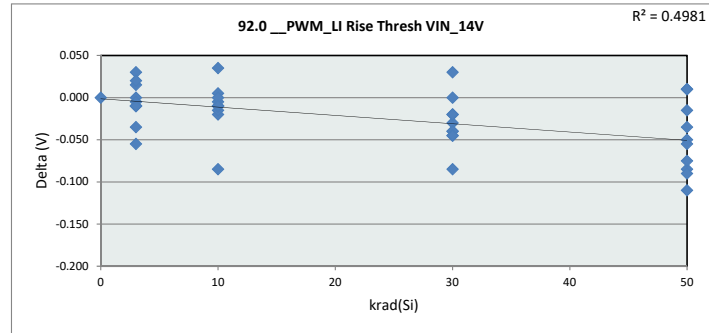


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92.0 __PWM_LI Rise Thresh VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.65	2.65
Min Limit	1.8	1.8

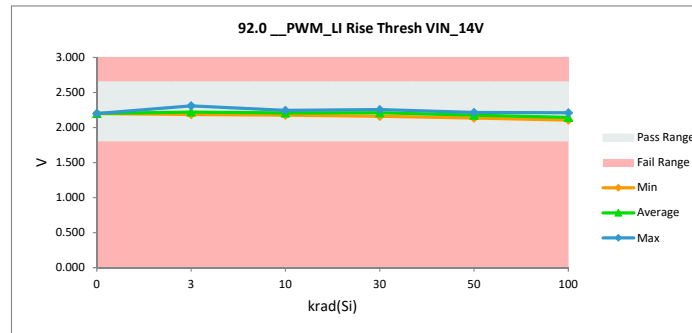
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	2.200	2.200	0.000
3	58	2.240	2.230	-0.010
3	59	2.185	2.215	0.030
3	60	2.310	2.310	0.000
3	61	2.225	2.190	-0.035
3	62	2.255	2.270	0.015
3	134	2.240	2.185	-0.055
3	137	2.200	2.190	-0.010
3	138	2.190	2.185	-0.005
3	139	2.200	2.190	-0.010
3	236	2.220	2.240	0.020
10	63	2.180	2.215	0.035
10	64	2.225	2.230	0.005
10	65	2.265	2.245	-0.020
10	66	2.215	2.200	-0.015
10	150	2.195	2.190	-0.005
10	237	2.320	2.235	-0.085
10	241	2.200	2.190	-0.010
10	242	2.185	2.175	-0.010
10	243	2.220	2.220	0.000
10	244	2.190	2.180	-0.010
30	141	2.225	2.195	-0.030
30	144	2.205	2.165	-0.040
30	145	2.245	2.245	0.000
30	146	2.200	2.160	-0.040
30	147	2.225	2.205	-0.020
30	132	2.225	2.255	0.030
30	133	2.255	2.235	-0.020
30	135	2.295	2.250	-0.045
30	245	2.250	2.165	-0.085
30	246	2.260	2.215	-0.045
50	67	2.245	2.135	-0.110
50	68	2.225	2.175	-0.050
50	69	2.250	2.165	-0.085
50	71	2.205	2.190	-0.015
50	72	2.235	2.145	-0.090
50	172	2.230	2.195	-0.035
50	173	2.190	2.200	0.010
50	174	2.195	2.140	-0.055
50	183	2.290	2.215	-0.075
50	186	2.190	2.200	0.010
100	95	2.315	2.135	-0.180
100	102	2.215	2.110	-0.105
100	104	2.260	2.135	-0.125
100	105	2.210	2.120	-0.090
100	106	2.250	2.135	-0.115
100	178	2.235	2.180	-0.055
100	179	2.230	2.130	-0.100
100	180	2.235	2.105	-0.130
100	181	2.200	2.210	0.010
100	182	2.300	2.180	-0.120
Max		2.320	2.310	0.035
Average		2.230	2.192	-0.039
Min		2.180	2.105	-0.180
Std Dev		0.036	0.043	0.049



92.0 __PWM_LI Rise

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	2.65 V
Min Limit	1.8 V

krad(Si)	0	3	10	30	50	100
LL	1.800	1.800	1.800	1.800	1.800	1.800
Min	2.200	2.185	2.175	2.160	2.135	2.105
Average	2.200	2.221	2.208	2.209	2.176	2.144
Max	2.200	2.310	2.245	2.255	2.215	2.210
UL	2.650	2.650	2.650	2.650	2.650	2.650

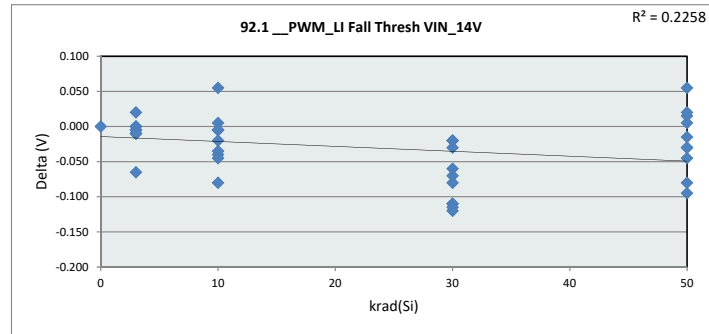


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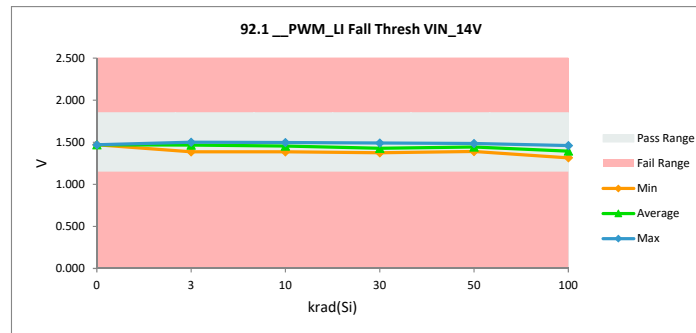
92.1 __PWM_LI Fall Thresh VIN		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	1.85	1.85
Min Limit	1.15	1.15

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.470	1.470	0.000
3	58	1.395	1.385	-0.010
3	59	1.465	1.400	-0.065
3	60	1.420	1.410	-0.010
3	61	1.495	1.490	-0.005
3	62	1.505	1.500	-0.005
3	134	1.495	1.495	0.000
3	137	1.475	1.495	0.020
3	138	1.495	1.495	0.000
3	139	1.505	1.500	-0.005
3	236	1.495	1.485	-0.010
10	63	1.415	1.420	0.005
10	64	1.390	1.385	-0.005
10	65	1.480	1.440	-0.040
10	66	1.505	1.470	-0.035
10	150	1.490	1.410	-0.080
10	237	1.505	1.485	-0.020
10	241	1.440	1.495	0.055
10	242	1.495	1.490	-0.005
10	243	1.500	1.455	-0.045
10	244	1.500	1.495	-0.005
30	141	1.455	1.385	-0.070
30	144	1.505	1.475	-0.030
30	145	1.510	1.400	-0.110
30	146	1.505	1.395	-0.110
30	147	1.510	1.450	-0.060
30	132	1.490	1.375	-0.115
30	133	1.505	1.425	-0.080
30	135	1.510	1.390	-0.120
30	245	1.505	1.485	-0.020
30	246	1.510	1.490	-0.020
50	67	1.430	1.445	0.015
50	68	1.450	1.470	0.020
50	69	1.420	1.475	0.055
50	71	1.495	1.465	-0.030
50	72	1.510	1.465	-0.045
50	172	1.500	1.485	-0.015
50	173	1.510	1.415	-0.095
50	174	1.385	1.390	0.005
50	183	1.425	1.395	-0.030
50	186	1.500	1.420	-0.080
100	95	1.370	1.335	-0.035
100	102	1.410	1.350	-0.060
100	104	1.500	1.435	-0.065
100	105	1.505	1.460	-0.045
100	106	1.500	1.315	-0.185
100	178	1.515	1.360	-0.155
100	179	1.510	1.460	-0.050
100	180	1.510	1.340	-0.170
100	181	1.500	1.455	-0.045
100	182	1.510	1.440	-0.070
Max		1.515	1.500	0.055
Average		1.478	1.438	-0.041
Min		1.370	1.315	-0.185
Std Dev		0.040	0.050	0.052



92.1 __PWM_LI Fall		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.85	V
Min Limit	1.15	V

krad(Si)	0	3	10	30	50	100
LL	1.150	1.150	1.150	1.150	1.150	1.150
Min	1.470	1.385	1.385	1.375	1.390	1.315
Average	1.470	1.466	1.455	1.427	1.443	1.395
Max	1.470	1.500	1.495	1.490	1.485	1.460
UL	1.850	1.850	1.850	1.850	1.850	1.850



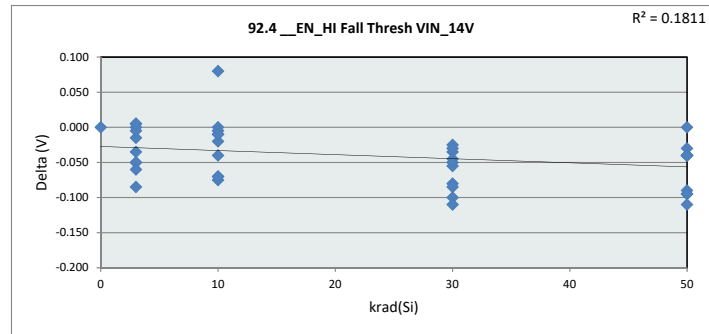
TID HDR Report

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92.4 __EN_HI Fall Thresh VIN_1

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	1.85	1.85
Min Limit	1.15	1.15

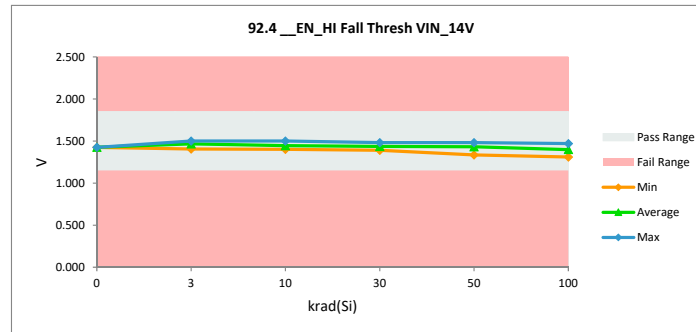
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	1.425	1.425	0.000
3	58	1.495	1.495	0.000
3	59	1.455	1.405	-0.050
3	60	1.505	1.420	-0.085
3	61	1.475	1.425	-0.050
3	62	1.500	1.440	-0.060
3	134	1.510	1.495	-0.015
3	137	1.495	1.500	0.005
3	138	1.505	1.500	-0.005
3	139	1.510	1.475	-0.035
3	236	1.495	1.500	0.005
10	63	1.495	1.420	-0.075
10	64	1.435	1.435	0.000
10	65	1.435	1.430	-0.005
10	66	1.510	1.440	-0.070
10	150	1.410	1.400	-0.010
10	237	1.420	1.500	0.080
10	241	1.515	1.495	-0.020
10	242	1.495	1.485	-0.010
10	243	1.510	1.440	-0.070
10	244	1.440	1.400	-0.040
30	141	1.505	1.480	-0.025
30	144	1.505	1.460	-0.045
30	145	1.485	1.430	-0.055
30	146	1.495	1.415	-0.080
30	147	1.510	1.410	-0.100
30	132	1.505	1.470	-0.035
30	133	1.515	1.465	-0.050
30	135	1.515	1.405	-0.110
30	245	1.420	1.390	-0.030
30	246	1.515	1.430	-0.085
50	67	1.510	1.420	-0.090
50	68	1.505	1.475	-0.030
50	69	1.510	1.415	-0.095
50	71	1.430	1.430	0.000
50	72	1.375	1.335	-0.040
50	172	1.515	1.420	-0.095
50	173	1.520	1.480	-0.040
50	174	1.510	1.470	-0.040
50	183	1.510	1.400	-0.110
50	186	1.505	1.465	-0.040
100	95	1.505	1.380	-0.125
100	102	1.385	1.310	-0.075
100	104	1.500	1.375	-0.125
100	105	1.425	1.470	0.045
100	106	1.435	1.420	-0.015
100	178	1.515	1.460	-0.055
100	179	1.500	1.435	-0.065
100	180	1.510	1.325	-0.185
100	181	1.500	1.445	-0.055
100	182	1.515	1.365	-0.150
Max		1.520	1.500	0.080
Average		1.484	1.435	-0.049
Min		1.375	1.310	-0.185
Std Dev		0.039	0.046	0.048



92.4 __EN_HI Fall T

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	1.85 V
Min Limit	1.15 V

krad(Si)	0	3	10	30	50	100
LL	1.150	1.150	1.150	1.150	1.150	1.150
Min	1.425	1.405	1.400	1.390	1.335	1.310
Average	1.425	1.466	1.445	1.436	1.431	1.399
Max	1.425	1.500	1.500	1.480	1.480	1.470
UL	1.850	1.850	1.850	1.850	1.850	1.850

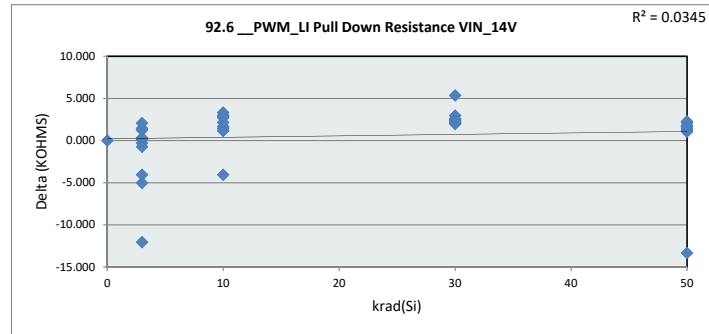


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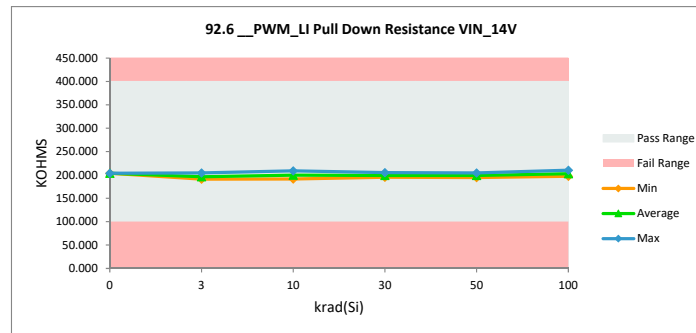
92.6 __PWM_LI Pull Down Resis		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	400	400
Min Limit	100	100

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	203.577	203.577	0.000
3	58	200.789	200.480	-0.310
3	59	195.132	196.372	1.240
3	60	204.113	204.235	0.122
3	61	197.195	197.522	0.327
3	62	200.674	202.131	1.457
3	134	196.091	191.056	-5.036
3	137	195.053	190.991	-4.062
3	138	192.243	191.502	-0.740
3	139	190.198	192.271	2.073
3	236	207.156	195.100	-12.056
10	63	194.527	195.716	1.189
10	64	199.606	202.316	2.710
10	65	197.232	198.671	1.439
10	66	207.101	208.765	1.664
10	150	189.812	193.141	3.329
10	237	194.276	195.440	1.164
10	241	195.246	191.193	-4.053
10	242	203.177	205.326	2.149
10	243	205.857	208.829	2.972
10	244	193.535	196.441	2.907
30	141	193.595	195.899	2.304
30	144	193.876	196.320	2.445
30	145	192.749	194.933	2.184
30	146	202.236	204.819	2.583
30	147	201.671	204.641	2.970
30	132	195.930	197.963	2.033
30	133	193.275	195.254	1.979
30	135	195.121	200.479	5.357
30	245	196.784	199.251	2.466
30	246	194.711	196.923	2.212
50	67	196.171	197.359	1.188
50	68	208.763	195.429	-13.334
50	69	196.249	197.862	1.613
50	71	200.441	201.486	1.045
50	72	202.959	204.317	1.358
50	172	192.012	194.128	2.115
50	173	199.808	201.541	1.733
50	174	196.441	198.213	1.773
50	183	197.006	198.712	1.706
50	186	196.825	199.110	2.285
100	95	197.701	199.154	1.453
100	102	207.550	210.057	2.507
100	104	206.291	208.444	2.153
100	105	199.669	200.858	1.188
100	106	202.318	204.016	1.699
100	178	195.678	197.004	1.326
100	179	197.505	199.676	2.171
100	180	198.704	200.371	1.667
100	181	199.070	200.900	1.830
100	182	203.104	204.846	1.743
Max		208.763	210.057	5.357
Average		198.369	199.236	0.867
Min		189.812	190.991	-13.334
Std Dev		4.743	4.829	3.279



92.6 __PWM_LI Pull		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	400	KOHMS
Min Limit	100	KOHMS

krad(Si)	0	3	10	30	50	100
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	203.577	190.991	191.193	194.933	194.128	197.004
Average	203.577	196.166	199.584	198.648	198.816	202.533
Max	203.577	204.235	208.829	204.819	204.317	210.057
UL	400.000	400.000	400.000	400.000	400.000	400.000

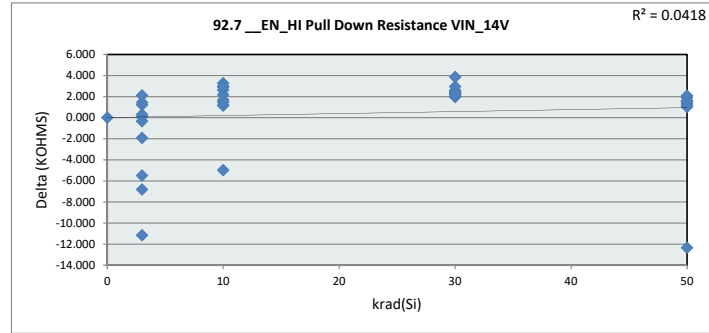


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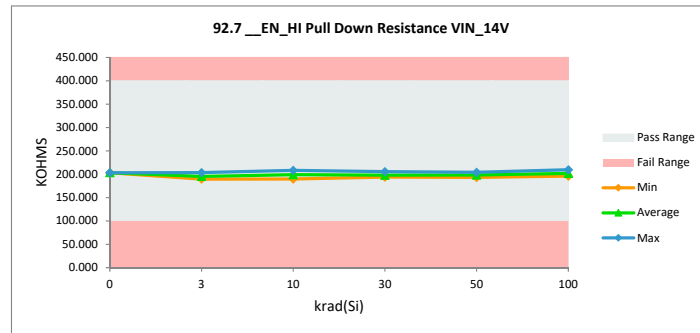
TPS7H6003-SP (5962R2220101VXC)

92.7 __EN_HI Pull Down Resistance		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	400	400
Min Limit	100	100

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	203.324	203.324	0.000
3	58	199.551	199.220	-0.331
3	59	193.851	195.066	1.215
3	60	203.301	203.402	0.101
3	61	196.520	196.831	0.311
3	62	201.555	203.005	1.450
3	134	196.443	189.637	-6.806
3	137	195.072	189.588	-5.484
3	138	192.042	190.115	-1.926
3	139	189.374	191.482	2.108
3	236	205.784	194.624	-11.160
10	63	194.151	195.332	1.181
10	64	197.835	200.460	2.626
10	65	196.695	198.162	1.467
10	66	206.432	208.107	1.675
10	150	188.773	192.044	3.272
10	237	193.753	194.918	1.165
10	241	194.749	189.778	-4.971
10	242	202.339	204.511	2.172
10	243	205.240	208.216	2.976
10	244	193.642	196.565	2.923
30	141	192.825	195.114	2.289
30	144	193.850	196.304	2.453
30	145	191.553	193.729	2.176
30	146	202.670	205.256	2.586
30	147	200.557	203.504	2.947
30	132	194.783	196.772	1.989
30	133	192.493	194.464	1.971
30	135	194.531	198.389	3.858
30	245	196.846	199.267	2.422
30	246	193.654	195.850	2.197
50	67	196.450	197.635	1.185
50	68	207.344	195.007	-12.338
50	69	195.159	196.726	1.567
50	71	200.406	201.426	1.021
50	72	202.537	203.888	1.351
50	172	191.236	193.135	1.899
50	173	199.414	200.991	1.578
50	174	195.124	196.698	1.574
50	183	196.215	197.766	1.551
50	186	196.334	198.423	2.089
100	95	196.421	197.882	1.461
100	102	207.029	209.531	2.503
100	104	206.491	208.671	2.180
100	105	198.285	199.437	1.152
100	106	202.273	203.996	1.722
100	178	194.704	195.805	1.101
100	179	196.272	198.208	1.936
100	180	197.469	198.911	1.441
100	181	198.797	200.417	1.620
100	182	201.918	203.436	1.517
Max		207.344	209.531	3.858
Average		197.727	198.451	0.725
Min		188.773	189.588	-12.338
Std Dev		4.770	5.035	3.246



92.7 __EN_HI Pull Down Resistance						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	400 KOHMS					
Min Limit	100 KOHMS					
krad(Si)	0	3	10	30	50	100
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	203.324	189.588	189.778	193.729	193.135	195.805
Average	203.324	195.297	198.809	197.865	198.170	201.629
Max	203.324	203.402	208.216	205.256	203.888	209.531
UL	400.000	400.000	400.000	400.000	400.000	400.000

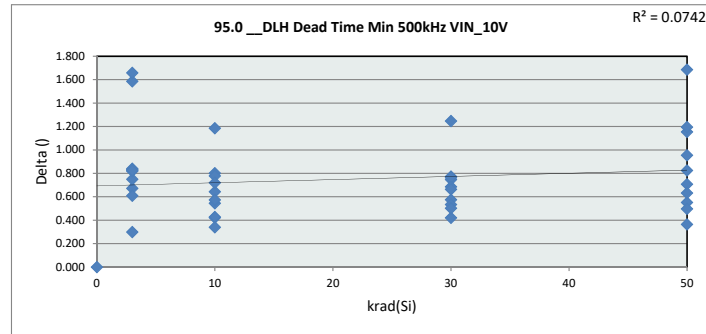


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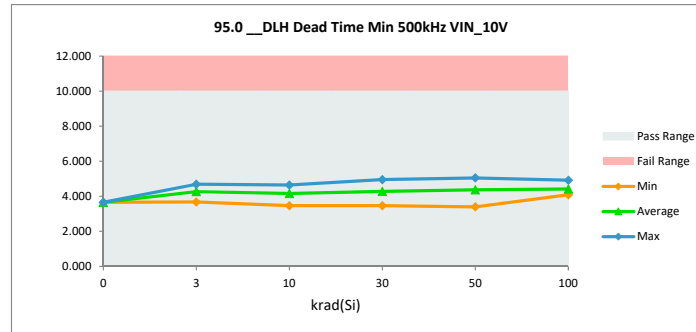
95.0 __DLH Dead Time Min 500k		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.661	3.661	0.000
3	58	3.585	4.256	0.672
3	59	3.072	3.905	0.833
3	60	2.835	3.674	0.839
3	61	3.686	4.295	0.609
3	62	3.308	4.057	0.750
3	134	3.107	4.692	1.585
3	137	3.736	4.556	0.819
3	138	3.812	4.636	0.824
3	139	3.916	4.215	0.299
3	236	2.771	4.428	1.657
10	63	3.502	4.303	0.801
10	64	3.310	4.089	0.779
10	65	3.371	4.013	0.643
10	66	3.633	4.178	0.545
10	150	3.195	3.616	0.421
10	237	3.720	4.439	0.719
10	241	3.458	4.643	1.185
10	242	3.039	3.467	0.428
10	243	3.763	4.336	0.573
10	244	4.121	4.461	0.340
30	141	3.120	3.893	0.773
30	144	3.765	4.512	0.747
30	145	4.215	4.789	0.574
30	146	3.610	4.143	0.533
30	147	3.332	3.752	0.420
30	132	3.856	4.620	0.763
30	133	3.625	4.311	0.686
30	135	3.706	4.952	1.246
30	245	3.631	4.294	0.663
30	246	2.962	3.464	0.502
50	67	3.574	4.282	0.708
50	68	2.965	4.651	1.686
50	69	3.361	4.315	0.954
50	71	3.651	4.476	0.825
50	72	3.064	4.218	1.154
50	172	4.499	5.051	0.552
50	173	3.757	4.253	0.496
50	174	2.956	4.150	1.194
50	183	3.035	3.400	0.365
50	186	4.220	4.851	0.632
100	95	3.594	4.917	1.323
100	102	3.177	4.207	1.029
100	104	3.270	4.580	1.310
100	105	3.262	4.261	0.999
100	106	3.571	4.702	1.131
100	178	3.582	4.313	0.731
100	179	3.591	4.284	0.694
100	180	3.415	4.601	1.186
100	181	3.564	4.217	0.653
100	182	3.389	4.087	0.698
Max		4.499	5.051	1.686
Average		3.489	4.284	0.795
Min		2.771	3.400	0.000
Std Dev		0.368	0.386	0.349



95.0 __DLH Dead Time Min 500k		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.661	3.674	3.467	3.464	3.400	4.087
Average	3.661	4.271	4.154	4.273	4.365	4.417
Max	3.661	4.692	4.643	4.953	5.051	4.917
UL	10.000	10.000	10.000	10.000	10.000	10.000



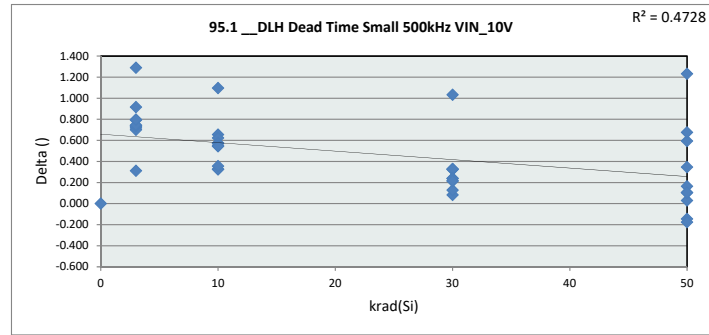
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95.1 __DLH Dead Time Small 500kHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

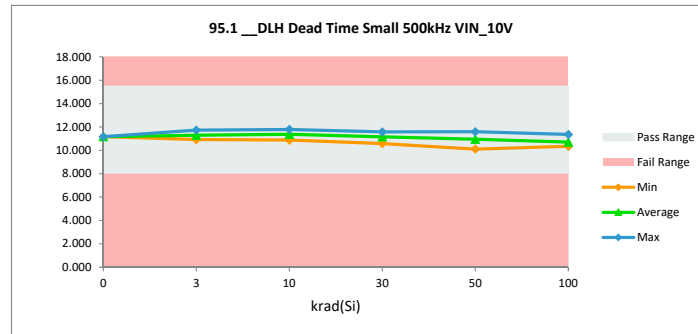
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	11.174	11.174	0.000
3	58	10.952	11.682	0.731
3	59	10.089	11.005	0.916
3	60	10.202	10.921	0.719
3	61	10.546	11.247	0.701
3	62	10.187	10.979	0.792
3	134	10.616	11.355	0.739
3	137	10.509	11.253	0.744
3	138	10.490	11.287	0.797
3	139	11.177	11.489	0.312
3	236	10.446	11.735	1.289
10	63	10.924	11.579	0.655
10	64	10.787	11.357	0.570
10	65	10.986	11.314	0.327
10	66	10.584	11.207	0.623
10	150	10.549	10.874	0.326
10	237	10.512	11.608	1.096
10	241	10.817	11.391	0.574
10	242	10.473	11.021	0.548
10	243	11.107	11.651	0.544
10	244	11.441	11.796	0.355
30	141	10.449	10.772	0.323
30	144	11.108	11.436	0.328
30	145	11.058	11.273	0.215
30	146	10.972	11.210	0.238
30	147	10.650	10.733	0.083
30	132	11.170	11.497	0.327
30	133	10.999	11.127	0.128
30	135	10.546	11.579	1.033
30	245	11.027	11.265	0.238
30	246	10.364	10.580	0.217
50	67	10.486	10.516	0.029
50	68	10.341	11.573	1.231
50	69	10.775	11.122	0.347
50	71	10.459	10.562	0.103
50	72	10.261	10.855	0.594
50	172	11.431	11.596	0.165
50	173	11.214	11.069	-0.145
50	174	10.315	10.991	0.677
50	183	10.287	10.111	-0.175
50	186	10.953	11.058	0.105
100	95	11.126	11.362	0.236
100	102	10.603	10.348	-0.255
100	104	10.771	11.018	0.247
100	105	10.685	10.517	-0.168
100	106	11.065	10.878	-0.187
100	178	10.834	10.601	-0.234
100	179	10.960	10.580	-0.380
100	180	10.897	10.847	-0.050
100	181	10.835	10.488	-0.347
100	182	10.590	10.377	-0.213
Max		11.441	11.796	1.289
Average		10.741	11.095	0.354
Min		10.089	10.111	-0.380
Std Dev		0.334	0.409	0.412



95.1 __DLH Dead Time Small 500kHz

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	11.174	10.921	10.874	10.581	10.111	10.348
Average	11.174	11.295	11.380	11.147	10.945	10.702
Max	11.174	11.735	11.796	11.579	11.596	11.362
UL	15.500	15.500	15.500	15.500	15.500	15.500



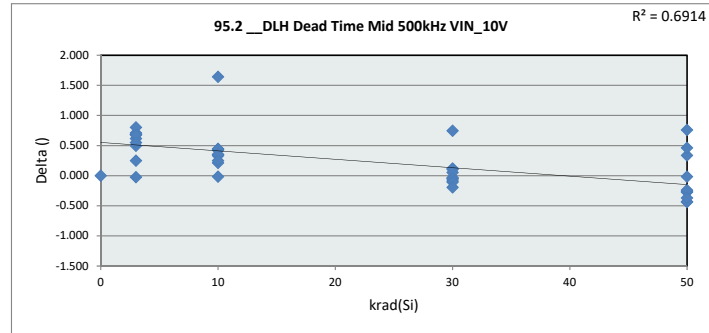
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95.2 __DLH Dead Time Mid 500k

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

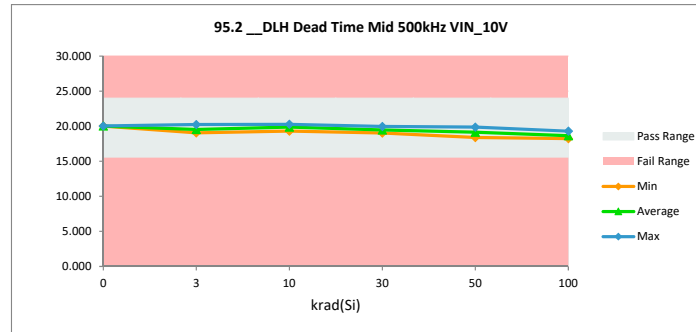
krad(Si)	Serial #	pre_short (rtp)	ST_Combo (rpt)	Delta
0	Ctrl	20.020	20.020	0.000
3	58	19.558	20.243	0.685
3	59	18.367	19.054	0.688
3	60	18.787	19.404	0.617
3	61	18.716	19.424	0.708
3	62	18.385	19.187	0.802
3	134	19.474	19.449	-0.025
3	137	18.734	19.230	0.496
3	138	18.604	19.282	0.678
3	139	19.708	19.957	0.249
3	236	19.563	20.112	0.550
10	63	19.633	20.059	0.426
10	64	19.629	20.067	0.437
10	65	19.738	20.086	0.347
10	66	18.848	19.293	0.445
10	150	19.253	19.585	0.332
10	237	18.632	20.273	1.642
10	241	19.396	19.379	-0.017
10	242	19.369	19.580	0.212
10	243	19.738	20.091	0.353
10	244	19.962	20.210	0.248
30	141	19.137	19.242	0.105
30	144	19.765	19.732	-0.033
30	145	19.267	19.387	0.120
30	146	19.581	19.494	-0.087
30	147	19.271	19.220	-0.051
30	132	19.901	19.955	0.054
30	133	19.603	19.552	-0.050
30	135	18.667	19.413	0.746
30	245	19.699	19.592	-0.107
30	246	19.215	19.021	-0.194
50	67	18.659	18.383	-0.275
50	68	19.117	19.876	0.759
50	69	19.432	19.417	-0.015
50	71	18.670	18.408	-0.262
50	72	18.883	19.221	0.338
50	172	19.556	19.317	-0.238
50	173	19.928	19.494	-0.433
50	174	19.241	19.702	0.462
50	183	19.089	18.653	-0.436
50	186	19.250	18.880	-0.370
100	95	19.826	19.297	-0.529
100	102	19.268	18.226	-1.042
100	104	19.528	18.888	-0.641
100	105	19.368	18.485	-0.883
100	106	19.718	18.713	-1.005
100	178	19.404	18.471	-0.933
100	179	19.584	18.595	-0.989
100	180	19.733	18.999	-0.734
100	181	19.578	18.375	-1.203
100	182	19.200	18.371	-0.829
Max		20.020	20.273	1.642
Average		19.319	19.341	0.022
Min		18.367	18.226	-1.203
Std Dev		0.434	0.564	0.593



95.2 __DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	20.020	19.054	19.293	19.021	18.383	18.226
Average	20.020	19.534	19.862	19.461	19.135	18.642
Max	20.020	20.243	20.273	19.955	19.876	19.297
UL	24.000	24.000	24.000	24.000	24.000	24.000



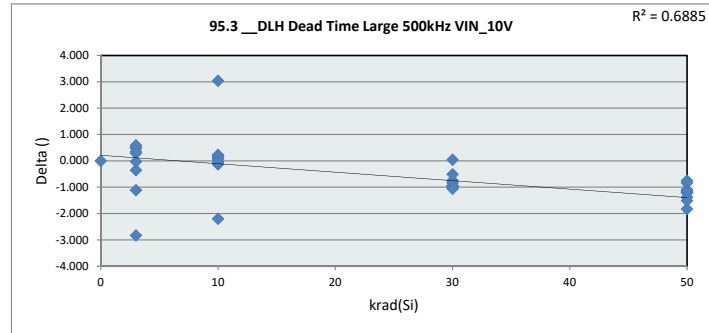
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95.3 __DLH Dead Time Large 500kHz VIN_10V

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

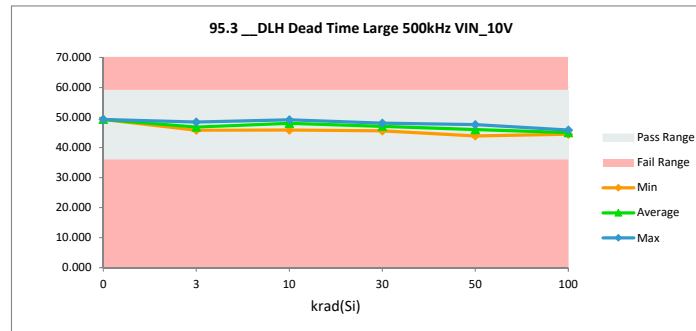
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	49.371	49.371	0.000
3	58	48.109	48.454	0.345
3	59	45.855	46.365	0.510
3	60	47.098	47.610	0.512
3	61	45.810	46.293	0.483
3	62	45.507	46.097	0.590
3	134	48.703	45.869	-2.834
3	137	46.135	45.779	-0.356
3	138	45.556	45.849	0.293
3	139	47.891	47.861	-0.029
3	236	49.216	48.106	-1.110
10	63	48.646	48.867	0.221
10	64	48.924	49.083	0.160
10	65	49.070	49.217	0.147
10	66	45.823	45.991	0.168
10	150	48.448	48.512	0.063
10	237	45.273	48.308	3.035
10	241	48.008	45.806	-2.202
10	242	48.510	48.473	-0.036
10	243	48.140	48.006	-0.134
10	244	48.357	48.296	-0.061
30	141	47.994	47.246	-0.748
30	144	48.461	47.494	-0.967
30	145	46.479	45.529	-0.950
30	146	48.196	47.223	-0.973
30	147	47.909	47.075	-0.834
30	132	48.613	48.101	-0.511
30	133	48.170	47.209	-0.961
30	135	45.542	45.584	0.042
30	245	48.462	47.481	-0.980
30	246	48.272	47.217	-1.055
50	67	45.710	43.880	-1.831
50	68	48.121	47.365	-0.755
50	69	48.159	46.988	-1.171
50	71	45.541	44.324	-1.217
50	72	46.976	45.884	-1.092
50	172	46.329	45.129	-1.200
50	173	48.601	47.222	-1.379
50	174	48.482	47.640	-0.842
50	183	47.830	46.318	-1.512
50	186	45.955	44.825	-1.130
100	95	48.595	45.808	-2.787
100	102	47.710	44.414	-3.296
100	104	48.129	44.998	-3.131
100	105	47.914	44.708	-3.206
100	106	48.241	44.739	-3.502
100	178	47.452	44.518	-2.934
100	179	48.145	45.109	-3.036
100	180	48.711	45.798	-2.913
100	181	48.279	44.748	-3.531
100	182	47.357	44.718	-2.639
Max		49.371	49.371	3.035
Average		47.623	46.618	-1.005
Min		45.273	43.880	-3.531
Std Dev		1.173	1.483	1.363



95.3 __DLH Dead Time Large 500kHz VIN_10V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	49.371	45.779	45.806	45.530	43.880	44.414
Average	49.371	46.828	48.056	47.016	45.957	44.956
Max	49.371	48.454	49.217	48.101	47.640	45.808
UL	59.000	59.000	59.000	59.000	59.000	59.000

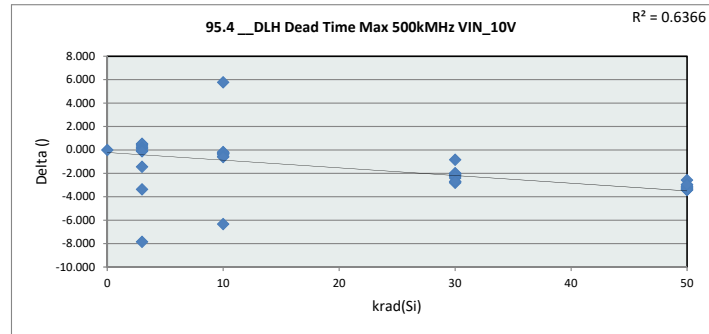


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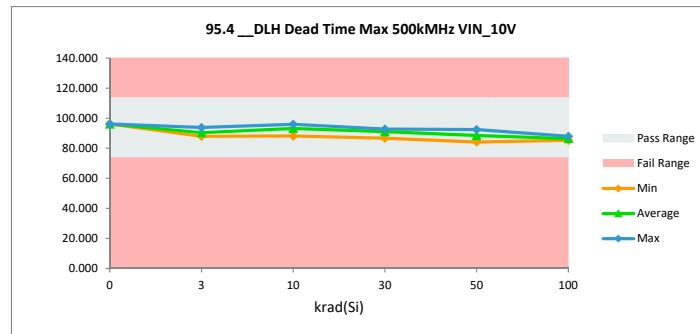
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95.4 __DLH Dead Time Max 500k		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	96.123	96.123	0.000
3	58	93.610	93.757	0.147
3	59	89.372	89.829	0.456
3	60	91.965	92.301	0.336
3	61	88.696	89.227	0.531
3	62	88.454	88.636	0.182
3	134	95.769	87.922	-7.848
3	137	89.467	88.033	-1.434
3	138	88.094	88.075	-0.020
3	139	92.446	92.331	-0.115
3	236	96.940	93.574	-3.366
10	63	95.537	95.348	-0.189
10	64	96.212	95.906	-0.307
10	65	95.697	95.340	-0.357
10	66	88.340	88.093	-0.247
10	150	95.250	94.987	-0.263
10	237	87.681	93.451	5.770
10	241	94.448	88.116	-6.332
10	242	94.745	94.485	-0.261
10	243	92.969	92.425	-0.544
10	244	93.857	93.253	-0.604
30	141	94.372	92.297	-2.075
30	144	94.222	92.239	-1.984
30	145	89.355	86.635	-2.720
30	146	94.234	91.832	-2.402
30	147	93.525	91.366	-2.159
30	132	94.729	92.687	-2.042
30	133	93.642	91.372	-2.270
30	135	88.043	87.202	-0.841
30	245	94.926	92.120	-2.806
30	246	94.582	91.890	-2.692
50	67	87.481	84.169	-3.313
50	68	94.196	90.990	-3.206
50	69	94.181	91.064	-3.117
50	71	87.852	84.507	-3.345
50	72	91.929	88.513	-3.416
50	172	88.656	86.076	-2.579
50	173	94.084	90.927	-3.156
50	174	95.404	92.426	-2.979
50	183	94.011	90.604	-3.407
50	186	88.215	85.257	-2.957
100	95	94.460	87.688	-6.772
100	102	92.812	85.305	-7.507
100	104	93.567	86.534	-7.034
100	105	93.166	85.805	-7.360
100	106	93.995	85.957	-8.038
100	178	91.499	85.327	-6.172
100	179	94.000	87.271	-6.729
100	180	94.946	87.977	-6.969
100	181	93.601	86.435	-7.166
100	182	91.999	85.860	-6.139
Max		96.940	96.123	5.770
Average		92.693	89.991	-2.702
Min		87.481	84.169	-8.038
Std Dev		2.753	3.358	2.899



95.4 __DLH Dead Time						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	113.5					
Min Limit	74					
krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	96.123	87.922	88.093	86.635	84.169	85.305
Average	96.123	90.368	93.140	90.964	88.453	86.416
Max	96.123	93.757	95.906	92.687	92.426	87.977
UL	113.500	113.500	113.500	113.500	113.500	113.500

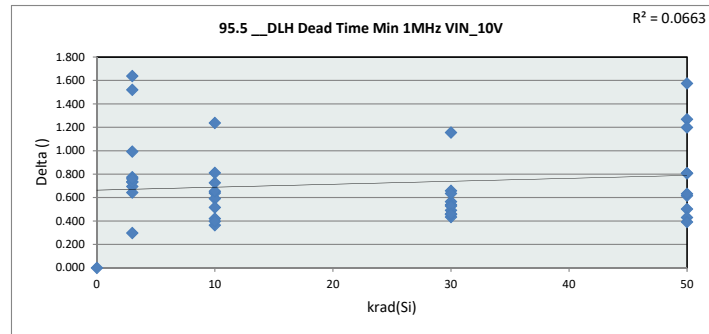


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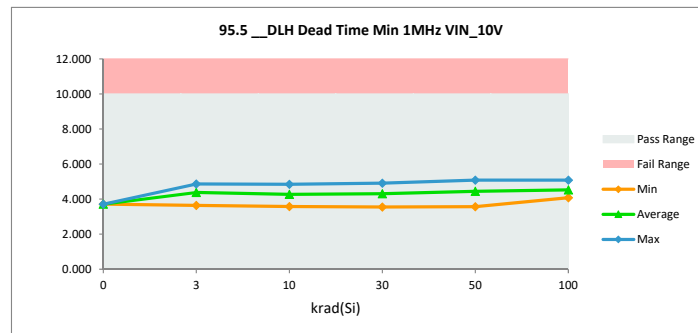
95.5 __DLH Dead Time Min 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.711	3.711	0.000
3	58	3.664	4.438	0.774
3	59	3.325	4.059	0.735
3	60	2.941	3.636	0.694
3	61	3.716	4.359	0.643
3	62	3.451	4.184	0.733
3	134	3.221	4.858	1.637
3	137	3.718	4.711	0.993
3	138	3.911	4.670	0.760
3	139	4.102	4.400	0.298
3	236	2.932	4.451	1.519
10	63	3.619	4.258	0.639
10	64	3.415	4.006	0.591
10	65	3.509	4.162	0.654
10	66	3.752	4.479	0.727
10	150	3.349	3.713	0.364
10	237	3.821	4.632	0.811
10	241	3.609	4.845	1.237
10	242	3.157	3.577	0.420
10	243	3.947	4.463	0.516
10	244	4.165	4.562	0.397
30	141	3.226	3.718	0.491
30	144	3.998	4.563	0.565
30	145	4.249	4.907	0.658
30	146	3.716	4.351	0.635
30	147	3.503	4.040	0.537
30	132	4.048	4.483	0.435
30	133	3.755	4.283	0.529
30	135	3.737	4.892	1.156
30	245	3.803	4.258	0.455
30	246	3.088	3.547	0.460
50	67	3.814	4.429	0.615
50	68	3.105	4.680	1.574
50	69	3.434	4.241	0.807
50	71	3.839	4.646	0.808
50	72	3.080	4.349	1.269
50	172	4.580	5.082	0.502
50	173	3.868	4.297	0.429
50	174	3.014	4.212	1.198
50	183	3.175	3.566	0.391
50	186	4.311	4.943	0.631
100	95	3.783	5.079	1.296
100	102	3.302	4.214	0.911
100	104	3.481	4.693	1.211
100	105	3.418	4.365	0.947
100	106	3.776	4.786	1.009
100	178	3.756	4.489	0.732
100	179	3.738	4.444	0.705
100	180	3.482	4.644	1.162
100	181	3.588	4.477	0.888
100	182	3.518	4.080	0.562
Max		4.580	5.082	1.637
Average		3.612	4.371	0.759
Min		2.932	3.547	0.000
Std Dev		0.363	0.393	0.345



95.5 __DLH Dead Time Min 1MHz		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.711	3.636	3.577	3.547	3.567	4.080
Average	3.711	4.377	4.270	4.304	4.445	4.527
Max	3.711	4.858	4.846	4.907	5.082	5.079
UL	10.000	10.000	10.000	10.000	10.000	10.000

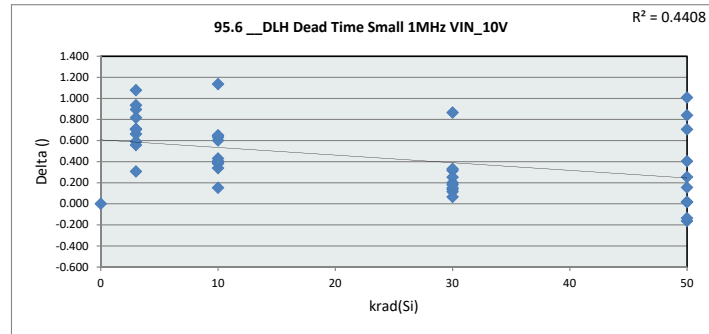


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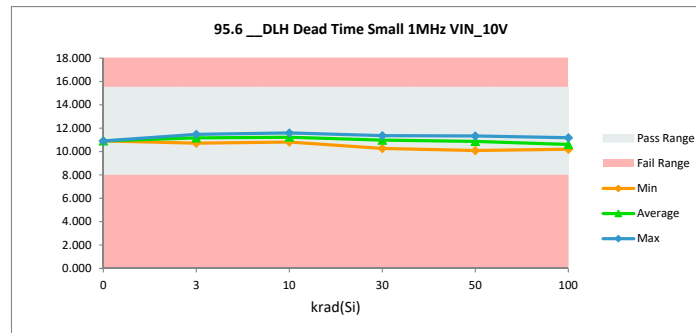
95.6 __DLH Dead Time Small 1M		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	10.913	10.913	0.000
3	58	10.889	11.445	0.557
3	59	9.972	10.789	0.817
3	60	10.123	10.713	0.590
3	61	10.531	11.194	0.662
3	62	10.066	10.771	0.705
3	134	10.498	11.209	0.711
3	137	10.422	11.318	0.895
3	138	10.426	11.363	0.936
3	139	11.031	11.337	0.306
3	236	10.393	11.471	1.078
10	63	10.783	11.415	0.633
10	64	10.717	11.147	0.430
10	65	10.844	11.241	0.397
10	66	10.441	11.043	0.602
10	150	10.473	10.812	0.339
10	237	10.458	11.593	1.135
10	241	10.698	11.348	0.650
10	242	10.436	10.818	0.382
10	243	11.012	11.415	0.404
10	244	11.349	11.502	0.152
30	141	10.280	10.596	0.316
30	144	11.019	11.218	0.199
30	145	10.910	11.163	0.253
30	146	10.860	10.976	0.116
30	147	10.512	10.662	0.150
30	132	11.032	11.364	0.332
30	133	10.896	11.034	0.138
30	135	10.448	11.314	0.866
30	245	10.978	11.159	0.181
30	246	10.202	10.267	0.065
50	67	10.421	10.440	0.019
50	68	10.326	11.334	1.008
50	69	10.613	11.017	0.404
50	71	10.369	10.525	0.156
50	72	10.129	10.835	0.706
50	172	11.317	11.332	0.015
50	173	11.077	10.913	-0.164
50	174	10.229	11.069	0.840
50	183	10.227	10.090	-0.137
50	186	10.891	11.145	0.254
100	95	11.015	11.176	0.161
100	102	10.465	10.193	-0.273
100	104	10.736	10.731	-0.005
100	105	10.533	10.492	-0.041
100	106	10.910	10.788	-0.122
100	178	10.749	10.561	-0.188
100	179	10.822	10.484	-0.338
100	180	10.738	10.854	0.116
100	181	10.743	10.519	-0.224
100	182	10.503	10.277	-0.226
Max		11.349	11.593	1.135
Average		10.636	10.968	0.333
Min		9.972	10.090	-0.338
Std Dev		0.323	0.382	0.384



95.6 __DLH Dead Time Small 1MHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15.5	
Min Limit	8	

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	10.913	10.713	10.812	10.267	10.090	10.193
Average	10.913	11.161	11.234	10.975	10.870	10.607
Max	10.913	11.471	11.593	11.364	11.334	11.176
UL	15.500	15.500	15.500	15.500	15.500	15.500

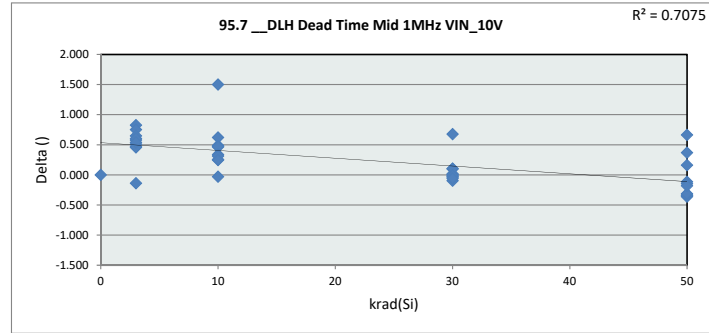


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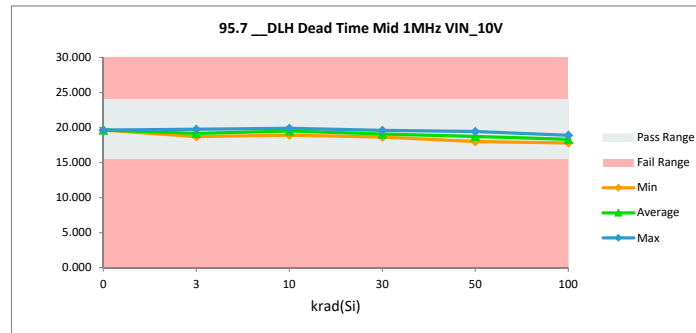
95.7 __DLH Dead Time Mid 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	19.639	19.639	0.000
3	58	19.280	19.753	0.473
3	59	17.984	18.810	0.825
3	60	18.552	19.132	0.580
3	61	18.404	18.913	0.509
3	62	17.948	18.699	0.750
3	134	19.147	19.009	-0.138
3	137	18.306	18.955	0.649
3	138	18.288	18.892	0.603
3	139	19.234	19.691	0.457
3	236	19.151	19.690	0.538
10	63	19.247	19.736	0.489
10	64	19.299	19.763	0.463
10	65	19.238	19.858	0.621
10	66	18.436	18.909	0.473
10	150	18.888	19.144	0.256
10	237	18.232	19.732	1.501
10	241	18.952	18.924	-0.028
10	242	18.948	19.285	0.337
10	243	19.279	19.592	0.313
10	244	19.643	19.890	0.247
30	141	18.737	18.753	0.016
30	144	19.374	19.475	0.101
30	145	18.881	18.853	-0.028
30	146	19.191	19.199	0.008
30	147	18.870	18.774	-0.096
30	132	19.480	19.582	0.102
30	133	19.168	19.131	-0.037
30	135	18.329	19.006	0.678
30	245	19.228	19.220	-0.008
30	246	18.677	18.619	-0.058
50	67	18.340	17.979	-0.360
50	68	18.770	19.434	0.663
50	69	19.067	18.952	-0.115
50	71	18.233	18.087	-0.146
50	72	18.500	18.662	0.163
50	172	19.217	18.883	-0.334
50	173	19.455	19.110	-0.345
50	174	18.875	19.243	0.369
50	183	18.576	18.262	-0.314
50	186	18.801	18.621	-0.180
100	95	19.354	18.896	-0.459
100	102	18.710	17.793	-0.916
100	104	19.119	18.540	-0.579
100	105	18.920	18.132	-0.788
100	106	19.240	18.503	-0.737
100	178	19.062	18.249	-0.814
100	179	19.106	18.194	-0.912
100	180	19.337	18.697	-0.640
100	181	19.045	18.119	-0.926
100	182	18.844	17.951	-0.892
Max		19.643	19.890	1.501
Average		18.914	18.960	0.046
Min		17.948	17.793	-0.926
Std Dev		0.422	0.556	0.541



95.7 __DLH Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24	
Min Limit	15.5	

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	19.640	18.699	18.909	18.619	17.979	17.793
Average	19.640	19.154	19.483	19.061	18.723	18.307
Max	19.640	19.754	19.890	19.582	19.434	18.896
UL	24.000	24.000	24.000	24.000	24.000	24.000

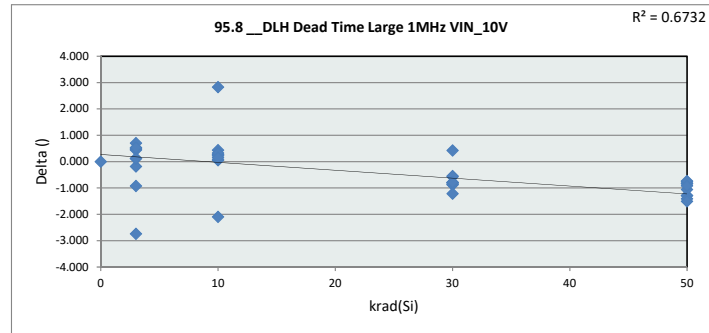


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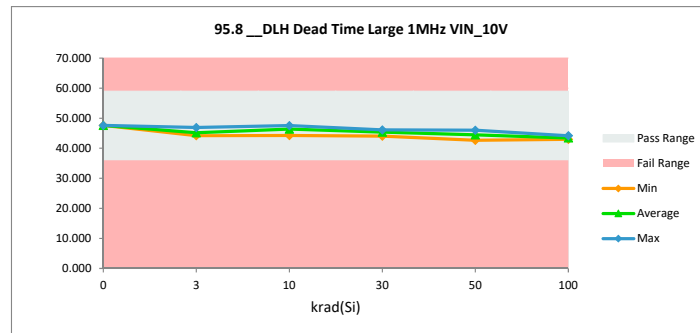
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95.8 __DLH Dead Time Large 1M		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	47.586	47.586	0.000
3	58	46.420	46.893	0.473
3	59	43.882	44.588	0.705
3	60	45.412	45.923	0.510
3	61	44.101	44.542	0.441
3	62	43.817	44.350	0.533
3	134	46.966	44.228	-2.738
3	137	44.335	44.149	-0.186
3	138	44.066	44.194	0.128
3	139	46.039	46.150	0.111
3	236	47.387	46.463	-0.924
10	63	46.879	47.141	0.261
10	64	47.061	47.284	0.223
10	65	47.092	47.526	0.433
10	66	44.069	44.330	0.261
10	150	46.484	46.812	0.328
10	237	43.647	46.479	2.831
10	241	46.317	44.223	-2.094
10	242	46.772	46.824	0.052
10	243	46.212	46.284	0.072
10	244	46.481	46.634	0.153
30	141	46.194	45.622	-0.571
30	144	46.544	45.683	-0.861
30	145	44.894	44.017	-0.877
30	146	46.331	45.523	-0.808
30	147	45.999	45.450	-0.550
30	132	46.886	46.087	-0.799
30	133	46.268	45.462	-0.805
30	135	43.815	44.238	0.423
30	245	46.647	45.859	-0.787
30	246	46.526	45.308	-1.218
50	67	43.929	42.638	-1.291
50	68	46.342	45.574	-0.769
50	69	46.528	45.237	-1.291
50	71	43.959	43.117	-0.842
50	72	45.309	44.248	-1.061
50	172	44.702	43.876	-0.826
50	173	46.804	45.391	-1.413
50	174	46.744	46.005	-0.739
50	183	46.053	44.544	-1.509
50	186	44.453	43.537	-0.916
100	95	46.704	44.075	-2.629
100	102	45.824	43.001	-2.822
100	104	46.334	43.444	-2.890
100	105	46.139	43.260	-2.879
100	106	46.426	43.346	-3.079
100	178	45.472	42.977	-2.495
100	179	46.357	43.570	-2.786
100	180	46.998	44.150	-2.848
100	181	46.445	43.183	-3.262
100	182	45.544	43.140	-2.404
Max		47.586	47.586	2.831
Average		45.847	44.984	-0.863
Min		43.647	42.638	-3.262
Std Dev		1.121	1.373	1.287



95.8 __DLH Dead Time Large 1MHz VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	59					
Min Limit	36					
krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	47.586	44.149	44.223	44.017	42.638	42.977
Average	47.586	45.148	46.354	45.325	44.417	43.415
Max	47.586	46.893	47.526	46.087	46.005	44.150
UL	59.000	59.000	59.000	59.000	59.000	59.000

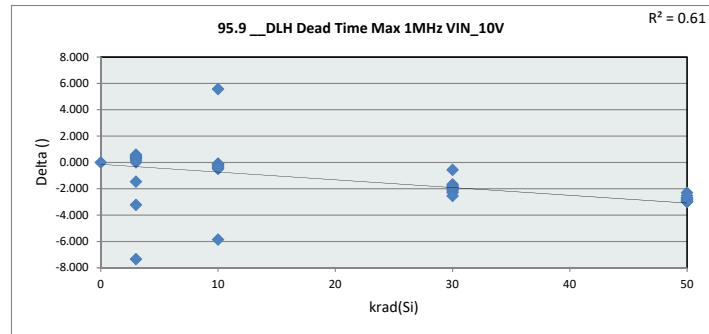


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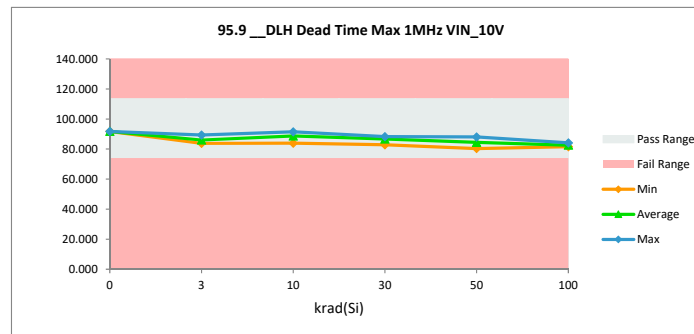
95.9 __DLH Dead Time Max 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	91.711	91.711	0.000
3	58	88.898	89.303	0.405
3	59	84.863	85.453	0.590
3	60	87.528	87.809	0.281
3	61	84.321	84.818	0.497
3	62	84.009	84.353	0.344
3	134	91.131	83.793	-7.338
3	137	85.197	83.737	-1.461
3	138	83.764	83.779	0.015
3	139	87.800	87.964	0.164
3	236	92.384	89.160	-3.224
10	63	90.886	90.630	-0.257
10	64	91.546	91.440	-0.106
10	65	90.967	90.475	-0.492
10	66	84.041	83.934	-0.108
10	150	90.487	90.388	-0.099
10	237	83.451	89.021	5.570
10	241	89.687	83.828	-5.858
10	242	90.224	89.971	-0.252
10	243	88.367	87.958	-0.409
10	244	89.213	88.804	-0.409
30	141	89.576	87.913	-1.664
30	144	89.543	87.536	-2.006
30	145	84.871	82.813	-2.057
30	146	89.580	87.411	-2.169
30	147	88.893	87.007	-1.887
30	132	90.023	88.253	-1.770
30	133	89.001	87.147	-1.854
30	135	83.651	83.095	-0.557
30	245	90.109	87.827	-2.282
30	246	89.993	87.448	-2.545
50	67	83.330	80.343	-2.987
50	68	89.509	86.826	-2.684
50	69	89.563	86.773	-2.789
50	71	83.546	80.665	-2.881
50	72	87.353	84.538	-2.815
50	172	84.418	82.119	-2.299
50	173	89.474	86.577	-2.896
50	174	90.773	88.071	-2.702
50	183	89.243	86.255	-2.988
50	186	83.946	81.435	-2.511
100	95	89.755	83.754	-6.001
100	102	88.271	81.549	-6.722
100	104	89.047	82.737	-6.310
100	105	88.530	81.778	-6.751
100	106	89.307	82.161	-7.147
100	178	86.923	81.536	-5.386
100	179	89.313	83.423	-5.890
100	180	90.218	84.091	-6.127
100	181	89.061	82.528	-6.533
100	182	87.417	81.981	-5.436
Max		92.384	91.711	5.570
Average		88.132	85.763	-2.368
Min		83.330	80.343	-7.338
Std Dev		2.619	3.109	2.656



95.9 __DLH Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	113.5	
Min Limit	74	

krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	91.711	83.737	83.829	82.814	80.343	81.536
Average	91.711	86.017	88.645	86.645	84.360	82.554
Max	91.711	89.304	91.440	88.253	88.071	84.092
UL	113.500	113.500	113.500	113.500	113.500	113.500

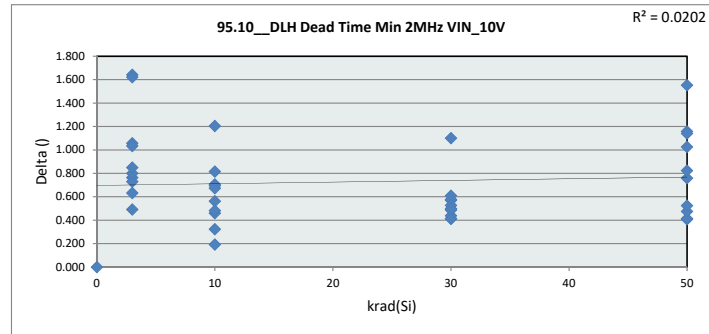


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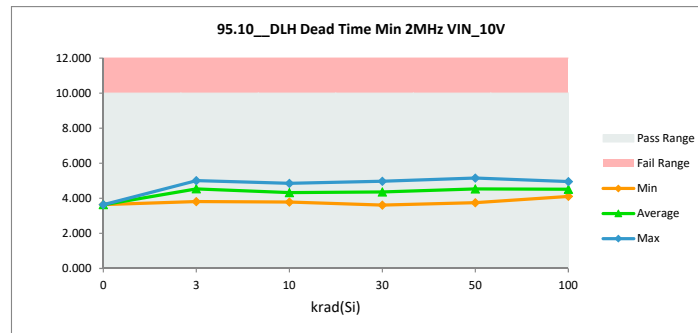
95.10 DLH Dead Time Min 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.635	3.635	0.000
3	58	3.826	4.458	0.632
3	59	3.366	4.129	0.763
3	60	3.084	3.814	0.729
3	61	3.891	4.692	0.800
3	62	3.552	4.402	0.849
3	134	3.364	5.006	1.642
3	137	3.818	4.875	1.057
3	138	3.935	4.969	1.034
3	139	4.016	4.507	0.491
3	236	2.929	4.550	1.621
10	63	3.596	4.411	0.816
10	64	3.511	4.073	0.562
10	65	3.642	4.348	0.705
10	66	3.825	4.519	0.694
10	150	3.387	3.847	0.460
10	237	3.830	4.503	0.673
10	241	3.650	4.854	1.204
10	242	3.299	3.780	0.481
10	243	4.067	4.390	0.323
10	244	4.312	4.504	0.192
30	141	3.412	3.982	0.570
30	144	4.041	4.650	0.609
30	145	4.394	4.971	0.576
30	146	3.891	4.328	0.438
30	147	3.526	4.013	0.487
30	132	4.021	4.548	0.527
30	133	3.881	4.292	0.411
30	135	3.866	4.967	1.101
30	245	3.774	4.273	0.499
30	246	3.197	3.611	0.414
50	67	3.796	4.555	0.759
50	68	3.308	4.861	1.553
50	69	3.594	4.620	1.026
50	71	3.739	4.563	0.824
50	72	3.134	4.292	1.158
50	172	4.746	5.154	0.408
50	173	3.919	4.333	0.414
50	174	3.070	4.210	1.140
50	183	3.275	3.750	0.475
50	186	4.463	4.986	0.524
100	95	3.867	4.957	1.090
100	102	3.434	4.266	0.832
100	104	3.459	4.782	1.323
100	105	3.479	4.571	1.092
100	106	3.752	4.817	1.065
100	178	3.786	4.462	0.676
100	179	3.785	4.256	0.471
100	180	3.647	4.595	0.947
100	181	3.744	4.365	0.620
100	182	3.579	4.109	0.530
Max		4.746	5.154	1.642
Average		3.689	4.439	0.751
Min		2.929	3.611	0.000
Std Dev		0.361	0.381	0.354



95.10 DLH Dead Time Min 2MHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.635	3.814	3.780	3.611	3.750	4.109
Average	3.635	4.540	4.323	4.364	4.532	4.518
Max	3.635	5.006	4.854	4.971	5.154	4.957
UL	10.000	10.000	10.000	10.000	10.000	10.000



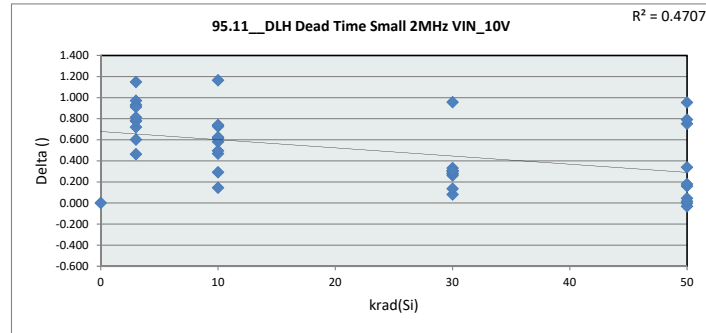
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95.11 DLH Dead Time Small 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

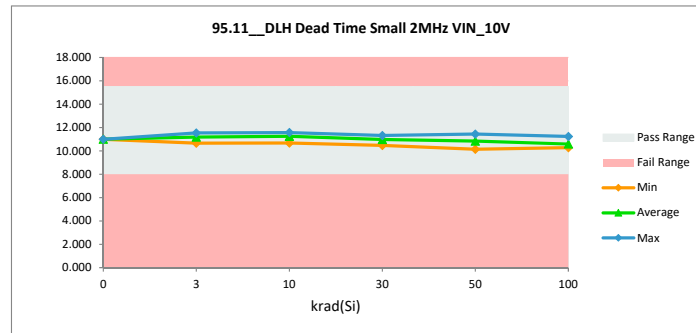
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	10.991	10.991	0.000
3	58	10.819	11.538	0.719
3	59	9.947	10.917	0.970
3	60	10.060	10.662	0.602
3	61	10.451	11.229	0.778
3	62	10.006	10.788	0.782
3	134	10.435	11.247	0.812
3	137	10.340	11.271	0.931
3	138	10.394	11.305	0.911
3	139	10.915	11.379	0.464
3	236	10.261	11.409	1.148
10	63	10.696	11.277	0.580
10	64	10.671	11.139	0.468
10	65	10.727	11.336	0.609
10	66	10.474	11.199	0.726
10	150	10.381	10.673	0.293
10	237	10.403	11.568	1.165
10	241	10.658	11.397	0.739
10	242	10.369	10.993	0.624
10	243	10.946	11.441	0.495
10	244	11.310	11.454	0.145
30	141	10.233	10.565	0.331
30	144	11.040	11.302	0.262
30	145	10.877	11.154	0.278
30	146	10.826	10.907	0.081
30	147	10.462	10.598	0.136
30	132	10.943	11.221	0.278
30	133	10.825	11.125	0.300
30	135	10.350	11.307	0.957
30	245	10.796	11.103	0.307
30	246	10.157	10.462	0.305
50	67	10.340	10.385	0.045
50	68	10.284	11.238	0.955
50	69	10.595	10.935	0.340
50	71	10.243	10.404	0.160
50	72	10.115	10.866	0.751
50	172	11.260	11.441	0.180
50	173	11.037	11.034	-0.003
50	174	10.196	10.988	0.792
50	183	10.171	10.141	-0.031
50	186	10.904	10.920	0.016
100	95	10.915	11.236	0.321
100	102	10.437	10.341	-0.095
100	104	10.641	10.962	0.321
100	105	10.471	10.364	-0.107
100	106	10.888	10.714	-0.174
100	178	10.709	10.425	-0.285
100	179	10.714	10.359	-0.355
100	180	10.751	10.835	0.084
100	181	10.683	10.359	-0.324
100	182	10.444	10.269	-0.175
Max		11.310	11.568	1.165
Average		10.580	10.964	0.384
Min		9.947	10.141	-0.355
Std Dev		0.325	0.390	0.398



95.11 DLH Dead Time Small 2MHz VIN_10V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	10.992	10.662	10.673	10.462	10.141	10.269
Average	10.992	11.175	11.248	10.974	10.835	10.586
Max	10.992	11.539	11.568	11.307	11.441	11.236
UL	15.500	15.500	15.500	15.500	15.500	15.500



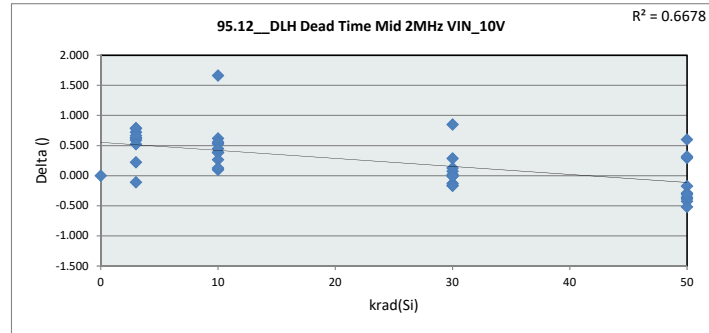
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95.12 DLH Dead Time Mid 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

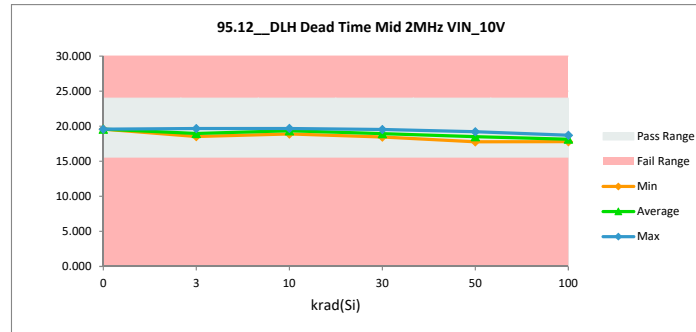
krad(Si)	Serial #	pre_short (rtp)	ST_Combo (rpt)	Delta
0	Ctrl	19.579	19.579	0.000
3	58	19.041	19.670	0.630
3	59	17.789	18.511	0.722
3	60	18.226	18.814	0.588
3	61	18.193	18.810	0.617
3	62	17.851	18.641	0.790
3	134	18.833	18.722	-0.110
3	137	18.124	18.907	0.783
3	138	18.044	18.708	0.663
3	139	19.102	19.324	0.222
3	236	18.937	19.459	0.522
10	63	19.154	19.681	0.528
10	64	19.072	19.455	0.383
10	65	19.101	19.488	0.387
10	66	18.292	18.911	0.620
10	150	18.758	19.023	0.265
10	237	17.977	19.639	1.662
10	241	18.783	18.882	0.099
10	242	18.767	19.324	0.557
10	243	19.124	19.572	0.449
10	244	19.399	19.527	0.128
30	141	18.485	18.772	0.287
30	144	19.319	19.338	0.019
30	145	18.758	18.887	0.128
30	146	19.014	18.885	-0.129
30	147	18.750	18.590	-0.160
30	132	19.448	19.523	0.075
30	133	19.058	19.050	-0.007
30	135	18.078	18.927	0.849
30	245	19.044	18.877	-0.167
30	246	18.468	18.463	-0.005
50	67	18.129	17.769	-0.360
50	68	18.607	19.206	0.599
50	69	18.969	18.795	-0.174
50	71	18.063	17.773	-0.290
50	72	18.341	18.636	0.295
50	172	19.009	18.623	-0.386
50	173	19.329	18.903	-0.426
50	174	18.706	19.024	0.318
50	183	18.452	17.935	-0.518
50	186	18.654	18.344	-0.310
100	95	19.156	18.708	-0.448
100	102	18.576	17.785	-0.792
100	104	18.968	18.517	-0.451
100	105	18.684	17.940	-0.745
100	106	19.246	18.181	-1.066
100	178	18.711	18.063	-0.647
100	179	19.022	18.066	-0.956
100	180	19.244	18.543	-0.701
100	181	18.959	17.906	-1.053
100	182	18.605	17.843	-0.763
Max		19.579	19.681	1.662
Average		18.745	18.794	0.049
Min		17.789	17.769	-1.066
Std Dev		0.448	0.558	0.574



95.12 DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	19.579	18.511	18.882	18.463	17.769	17.785
Average	19.579	18.957	19.350	18.931	18.501	18.155
Max	19.579	19.670	19.682	19.523	19.206	18.708
UL	24.000	24.000	24.000	24.000	24.000	24.000



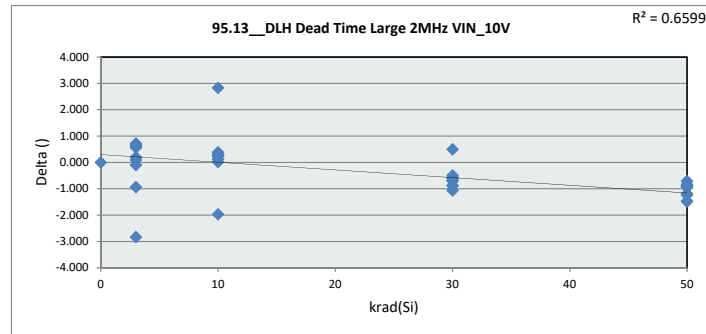
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95.13 DLH Dead Time Large 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

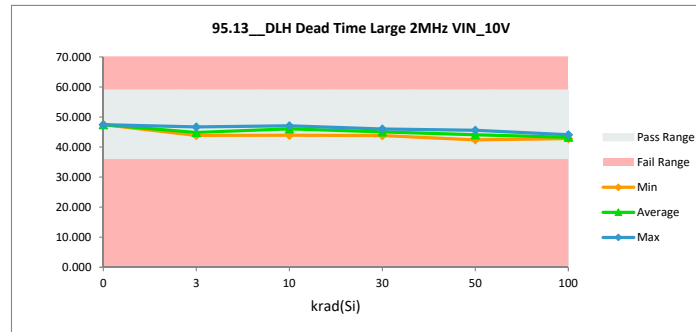
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	47.443	47.443	0.000
3	58	46.044	46.660	0.616
3	59	43.600	44.319	0.719
3	60	45.033	45.629	0.596
3	61	43.772	44.335	0.563
3	62	43.456	44.133	0.677
3	134	46.664	43.832	-2.832
3	137	44.000	43.901	-0.098
3	138	43.688	43.891	0.202
3	139	45.705	45.799	0.094
3	236	47.126	46.188	-0.938
10	63	46.591	46.843	0.252
10	64	46.728	47.038	0.309
10	65	46.704	46.954	0.249
10	66	43.785	44.174	0.389
10	150	46.174	46.463	0.289
10	237	43.379	46.205	2.826
10	241	45.886	43.917	-1.969
10	242	46.419	46.436	0.017
10	243	45.865	46.104	0.240
10	244	46.211	46.328	0.118
30	141	45.762	45.084	-0.678
30	144	46.235	45.531	-0.705
30	145	44.377	43.826	-0.550
30	146	46.185	45.308	-0.877
30	147	45.627	45.022	-0.605
30	132	46.462	45.969	-0.493
30	133	45.857	45.188	-0.669
30	135	43.563	44.061	0.498
30	245	46.247	45.357	-0.890
30	246	46.063	45.000	-1.064
50	67	43.593	42.406	-1.187
50	68	45.961	45.255	-0.706
50	69	46.117	44.876	-1.241
50	71	43.613	42.722	-0.891
50	72	44.939	44.013	-0.927
50	172	44.266	43.438	-0.828
50	173	46.556	45.088	-1.468
50	174	46.496	45.539	-0.957
50	183	45.616	44.133	-1.483
50	186	44.132	43.256	-0.876
100	95	46.333	43.874	-2.459
100	102	45.582	42.814	-2.768
100	104	46.024	43.167	-2.856
100	105	45.832	42.890	-2.942
100	106	46.242	43.203	-3.039
100	178	45.183	42.890	-2.293
100	179	46.164	43.556	-2.608
100	180	46.669	44.088	-2.581
100	181	46.149	43.131	-3.018
100	182	45.150	42.888	-2.262
Max		47.443	47.443	2.826
Average		45.515	44.709	-0.806
Min		43.379	42.406	-3.039
Std Dev		1.132	1.340	1.265



95.13 DLH Dead Time Large 2MHz VIN_10V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	47.443	43.832	43.917	43.826	42.406	42.814
Average	47.443	44.869	46.046	45.035	44.072	43.250
Max	47.443	46.660	47.038	45.969	45.539	44.088
UL	59.000	59.000	59.000	59.000	59.000	59.000

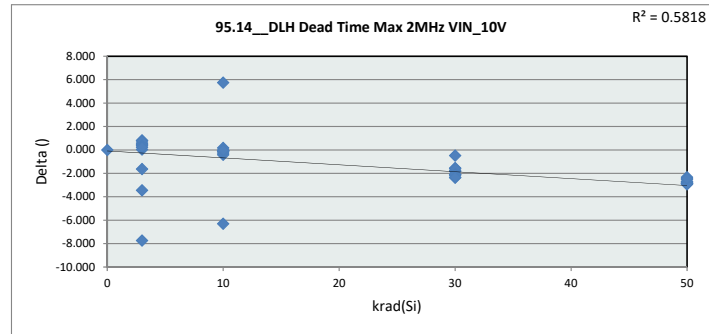


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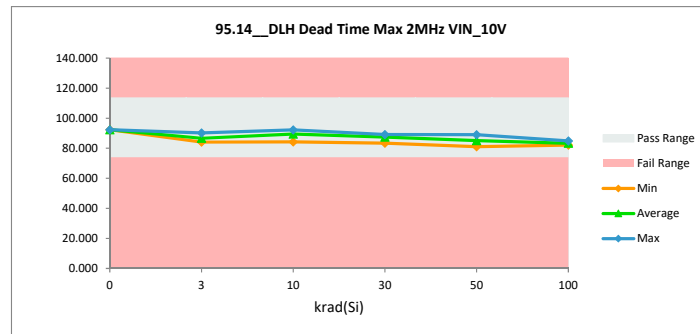
TPS7H6003-SP (5962R2220101VXC)

95.14 DLH Dead Time Max 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	92.338	92.338	0.000
3	58	89.552	90.136	0.584
3	59	85.371	86.186	0.815
3	60	88.180	88.652	0.472
3	61	84.940	85.711	0.771
3	62	84.592	84.951	0.358
3	134	91.973	84.232	-7.741
3	137	85.742	84.111	-1.631
3	138	84.294	84.326	0.032
3	139	88.176	88.407	0.231
3	236	93.354	89.904	-3.450
10	63	91.579	91.461	-0.118
10	64	92.259	92.175	-0.083
10	65	91.545	91.495	-0.050
10	66	84.663	84.584	-0.079
10	150	91.155	91.324	0.169
10	237	83.941	89.690	5.749
10	241	90.490	84.180	-6.310
10	242	91.090	90.677	-0.413
10	243	89.083	88.822	-0.261
10	244	89.851	89.816	-0.035
30	141	90.278	88.498	-1.780
30	144	90.208	88.378	-1.830
30	145	85.438	83.293	-2.146
30	146	90.427	88.313	-2.114
30	147	89.469	87.923	-1.546
30	132	90.703	89.093	-1.610
30	133	89.716	87.617	-2.099
30	135	84.112	83.628	-0.485
30	245	90.811	88.437	-2.374
30	246	90.603	88.264	-2.339
50	67	83.746	81.032	-2.713
50	68	90.303	87.436	-2.867
50	69	90.177	87.317	-2.860
50	71	84.107	81.298	-2.809
50	72	88.011	85.267	-2.744
50	172	84.890	82.565	-2.325
50	173	90.251	87.382	-2.869
50	174	91.552	89.015	-2.538
50	183	89.980	87.036	-2.944
50	186	84.455	82.021	-2.434
100	95	90.339	84.514	-5.825
100	102	89.159	82.385	-6.774
100	104	89.889	83.724	-6.165
100	105	89.346	82.535	-6.812
100	106	90.137	83.030	-7.107
100	178	87.523	82.112	-5.411
100	179	90.063	84.152	-5.911
100	180	90.887	84.840	-6.047
100	181	89.819	83.275	-6.545
100	182	88.080	82.670	-5.410
Max		93.354	92.338	5.749
Average		88.797	86.475	-2.322
Min		83.746	81.032	-7.741
Std Dev		2.707	3.169	2.729



95.14 DLH Dead Time						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	113.5					
Min Limit	74					
krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	92.338	84.111	84.180	83.293	81.032	82.112
Average	92.338	86.661	89.422	87.344	85.037	83.324
Max	92.338	90.136	92.176	89.093	89.015	84.840
UL	113.500	113.500	113.500	113.500	113.500	113.500

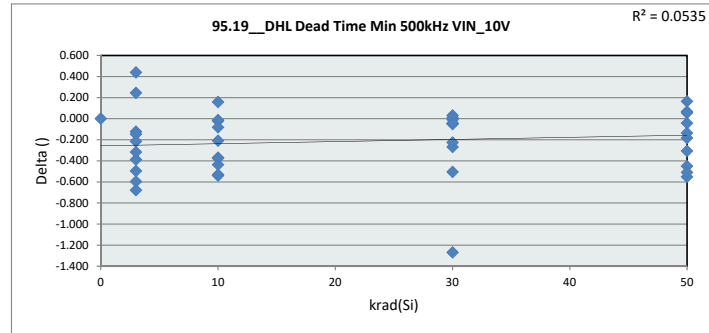


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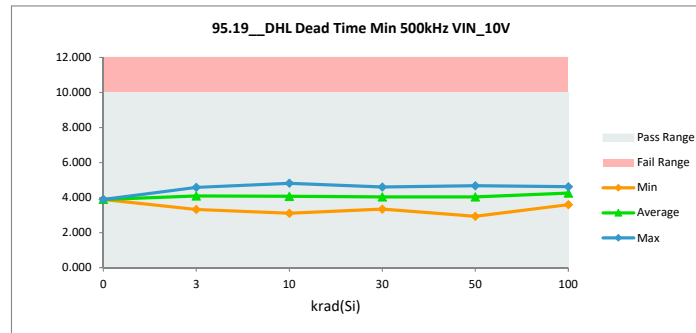
95.19 DHL Dead Time Min 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.894	3.894	0.000
3	58	4.570	3.974	-0.596
3	59	4.798	4.410	-0.388
3	60	4.726	4.408	-0.317
3	61	3.989	3.493	-0.496
3	62	4.000	3.322	-0.678
3	134	4.335	4.213	-0.122
3	137	4.298	4.151	-0.147
3	138	3.881	4.126	0.245
3	139	4.464	4.249	-0.214
3	236	4.141	4.580	0.440
10	63	4.786	4.349	-0.437
10	64	4.230	3.860	-0.370
10	65	4.556	4.017	-0.540
10	66	3.632	3.101	-0.531
10	150	4.838	4.817	-0.021
10	237	4.574	4.561	-0.013
10	241	4.615	4.241	-0.374
10	242	4.384	4.175	-0.209
10	243	3.417	3.575	0.158
10	244	4.085	4.004	-0.081
30	141	4.275	4.267	-0.008
30	144	4.172	3.903	-0.269
30	145	3.960	3.455	-0.505
30	146	4.147	4.102	-0.045
30	147	4.719	4.493	-0.226
30	132	3.808	3.839	0.031
30	133	4.588	4.596	0.008
30	135	4.609	3.340	-1.269
30	245	3.983	3.932	-0.051
30	246	4.433	4.390	-0.044
50	67	4.892	4.586	-0.306
50	68	3.880	4.044	0.164
50	69	4.716	4.164	-0.552
50	71	3.382	2.932	-0.450
50	72	4.609	4.099	-0.510
50	172	4.197	4.014	-0.183
50	173	4.163	4.231	0.067
50	174	4.248	4.112	-0.136
50	183	4.619	4.674	0.056
50	186	3.515	3.474	-0.042
100	95	4.832	4.466	-0.365
100	102	4.290	4.270	-0.019
100	104	4.756	4.617	-0.138
100	105	4.162	3.592	-0.570
100	106	4.046	4.244	0.198
100	178	4.383	4.492	0.109
100	179	3.986	4.337	0.351
100	180	4.363	4.468	0.105
100	181	4.405	4.313	-0.092
100	182	3.593	3.744	0.151
Max		4.892	4.817	0.440
Average		4.273	4.092	-0.181
Min		3.382	2.932	-1.269
Std Dev		0.389	0.421	0.308



95.19 DHL Dead Time Min 500kHz		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.894	3.322	3.101	3.340	2.932	3.593
Average	3.894	4.093	4.070	4.032	4.033	4.254
Max	3.894	4.580	4.817	4.596	4.674	4.617
UL	10.000	10.000	10.000	10.000	10.000	10.000

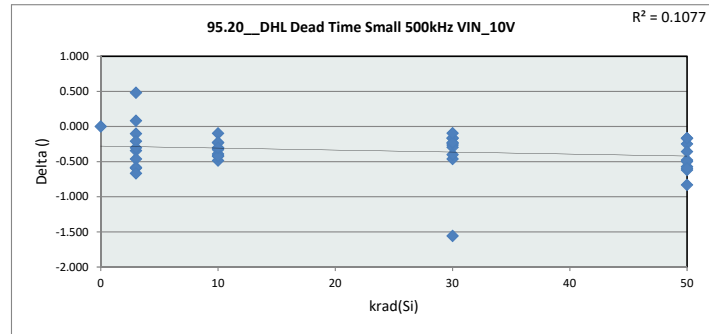


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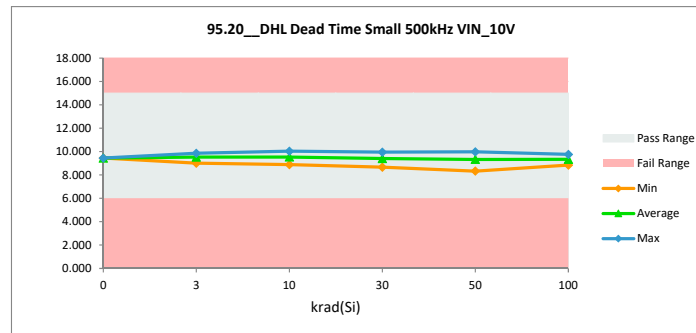
95.20 DHL Dead Time Small 50		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	9.445	9.445	0.000
3	58	10.152	9.569	-0.583
3	59	10.111	9.767	-0.344
3	60	9.978	9.515	-0.463
3	61	9.597	9.006	-0.591
3	62	9.781	9.115	-0.666
3	134	9.920	9.618	-0.302
3	137	9.611	9.510	-0.102
3	138	9.548	9.632	0.083
3	139	9.842	9.634	-0.208
3	236	9.372	9.852	0.480
10	63	10.428	10.036	-0.392
10	64	9.862	9.560	-0.302
10	65	9.821	9.491	-0.330
10	66	9.363	8.880	-0.484
10	150	10.123	10.026	-0.097
10	237	10.142	9.913	-0.229
10	241	9.924	9.505	-0.419
10	242	9.994	9.572	-0.422
10	243	9.254	9.027	-0.227
10	244	9.642	9.338	-0.304
30	141	9.467	9.204	-0.263
30	144	9.741	9.502	-0.239
30	145	9.621	9.160	-0.461
30	146	9.700	9.403	-0.296
30	147	10.137	9.736	-0.401
30	132	9.663	9.496	-0.167
30	133	10.117	9.953	-0.164
30	135	10.220	8.663	-1.557
30	245	9.404	9.175	-0.229
30	246	9.772	9.675	-0.096
50	67	10.458	9.980	-0.479
50	68	9.478	9.313	-0.165
50	69	10.186	9.566	-0.620
50	71	9.158	8.328	-0.830
50	72	9.896	9.324	-0.572
50	172	9.538	9.039	-0.499
50	173	9.809	9.561	-0.247
50	174	9.903	9.310	-0.593
50	183	10.091	9.925	-0.167
50	186	9.287	8.930	-0.357
100	95	10.102	9.249	-0.853
100	102	9.842	9.208	-0.634
100	104	10.279	9.486	-0.793
100	105	9.948	8.852	-1.097
100	106	9.728	9.391	-0.337
100	178	9.950	9.642	-0.307
100	179	9.700	9.422	-0.278
100	180	10.026	9.753	-0.272
100	181	9.934	9.438	-0.496
100	182	9.167	8.846	-0.321
Max		10.458	10.036	0.480
Average		9.808	9.422	-0.386
Min		9.158	8.328	-1.557
Std Dev		0.317	0.362	0.305



95.20 DHL Dead T		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.445	9.006	8.880	8.663	8.328	8.846
Average	9.445	9.522	9.535	9.397	9.328	9.329
Max	9.445	9.853	10.036	9.953	9.980	9.753
UL	15.000	15.000	15.000	15.000	15.000	15.000

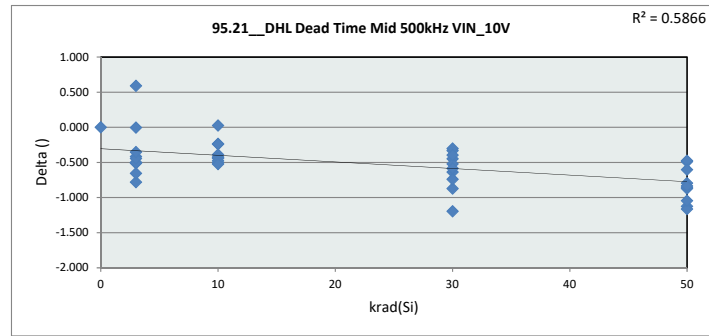


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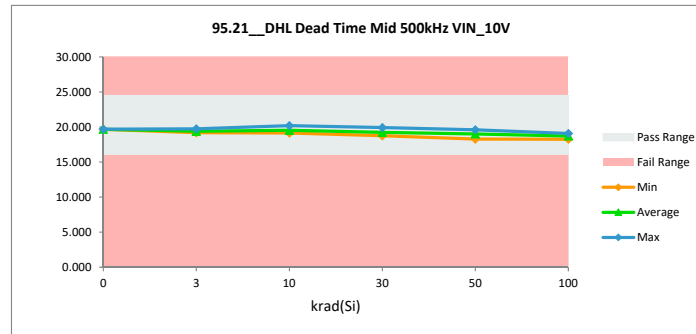
95.21 DHL Dead Time Mid 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	19.681	19.681	0.000
3	58	20.111	19.609	-0.502
3	59	19.847	19.336	-0.512
3	60	19.640	19.224	-0.416
3	61	19.797	19.296	-0.501
3	62	20.200	19.418	-0.781
3	134	20.038	19.383	-0.655
3	137	19.372	19.369	-0.003
3	138	19.676	19.231	-0.444
3	139	19.540	19.188	-0.352
3	236	19.131	19.721	0.590
10	63	20.621	20.197	-0.424
10	64	19.988	19.598	-0.390
10	65	19.664	19.157	-0.507
10	66	19.567	19.132	-0.435
10	150	19.843	19.868	0.025
10	237	20.186	19.743	-0.442
10	241	19.708	19.231	-0.477
10	242	20.219	19.696	-0.522
10	243	19.644	19.409	-0.235
10	244	19.550	19.311	-0.240
30	141	19.193	18.746	-0.448
30	144	19.848	19.210	-0.638
30	145	20.149	19.277	-0.871
30	146	19.764	19.243	-0.521
30	147	19.935	19.195	-0.740
30	132	19.973	19.642	-0.331
30	133	20.227	19.924	-0.303
30	135	20.177	18.982	-1.194
30	245	19.447	18.861	-0.585
30	246	19.518	19.122	-0.396
50	67	20.475	19.604	-0.871
50	68	19.641	19.152	-0.490
50	69	20.203	19.079	-1.123
50	71	19.443	18.279	-1.164
50	72	19.630	18.586	-1.044
50	172	19.452	18.656	-0.795
50	173	19.892	19.417	-0.474
50	174	19.954	19.093	-0.861
50	183	20.035	19.433	-0.602
50	186	19.635	18.801	-0.834
100	95	19.847	18.261	-1.586
100	102	19.947	18.729	-1.218
100	104	20.230	18.782	-1.448
100	105	20.280	18.565	-1.715
100	106	19.956	18.908	-1.048
100	178	20.002	18.988	-1.014
100	179	19.760	18.925	-0.835
100	180	20.087	19.071	-1.016
100	181	19.961	18.537	-1.424
100	182	19.303	18.444	-0.859
Max		20.621	20.197	0.590
Average		19.843	19.183	-0.660
Min		19.131	18.261	-1.715
Std Dev		0.321	0.424	0.432



95.21 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24.5	
Min Limit	16	

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	19.681	19.188	19.132	18.746	18.279	18.261
Average	19.681	19.377	19.534	19.220	19.010	18.721
Max	19.681	19.721	20.197	19.924	19.604	19.071
UL	24.500	24.500	24.500	24.500	24.500	24.500



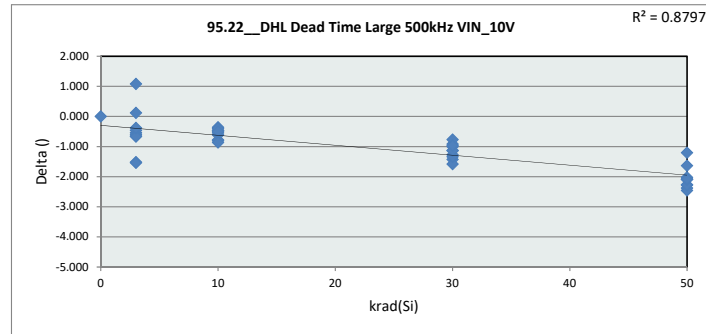
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95.22 DHL Dead Time Large 500kHz VIN_10V

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

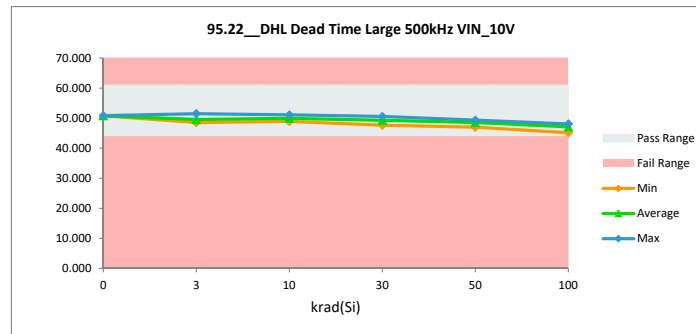
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	50.828	50.828	0.000
3	58	50.627	50.034	-0.593
3	59	49.081	48.541	-0.540
3	60	49.146	48.689	-0.458
3	61	51.139	50.487	-0.652
3	62	52.187	51.518	-0.668
3	134	50.615	49.101	-1.514
3	137	49.022	49.142	0.119
3	138	50.685	49.145	-1.540
3	139	49.482	49.103	-0.379
3	236	48.714	49.794	1.081
10	63	51.897	51.093	-0.804
10	64	51.275	50.730	-0.545
10	65	49.503	48.891	-0.612
10	66	50.871	50.094	-0.777
10	150	49.337	48.980	-0.357
10	237	50.657	49.795	-0.861
10	241	49.494	49.032	-0.462
10	242	50.887	50.429	-0.458
10	243	51.293	50.890	-0.402
10	244	50.030	49.527	-0.503
30	141	49.038	47.614	-1.424
30	144	50.883	49.610	-1.273
30	145	51.950	50.368	-1.582
30	146	50.600	49.470	-1.130
30	147	49.809	48.475	-1.334
30	132	51.461	50.546	-0.916
30	133	51.317	50.316	-1.001
30	135	50.541	49.772	-0.769
30	245	49.942	48.810	-1.132
30	246	49.071	48.107	-0.964
50	67	51.162	49.077	-2.086
50	68	50.524	49.322	-1.202
50	69	50.684	48.420	-2.264
50	71	50.977	48.598	-2.379
50	72	49.477	47.022	-2.455
50	172	49.513	47.492	-2.021
50	173	50.829	49.193	-1.636
50	174	50.804	48.527	-2.277
50	183	50.507	48.415	-2.092
50	186	51.416	49.338	-2.078
100	95	49.564	45.184	-4.380
100	102	50.673	46.956	-3.716
100	104	50.663	46.938	-3.725
100	105	52.195	48.109	-4.086
100	106	51.083	47.532	-3.551
100	178	50.455	47.270	-3.185
100	179	50.549	47.478	-3.071
100	180	51.068	47.681	-3.387
100	181	50.549	46.904	-3.646
100	182	50.256	47.077	-3.179
Max		52.195	51.518	1.081
Average		50.477	48.931	-1.546
Min		48.714	45.184	-4.380
Std Dev		0.870	1.324	1.242



95.22 DHL Dead Time Large 500kHz VIN_10V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	61
Min Limit	44

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	50.828	48.541	48.891	47.614	47.022	45.184
Average	50.828	49.555	49.946	49.309	48.540	47.113
Max	50.828	51.518	51.093	50.546	49.338	48.109
UL	61.000	61.000	61.000	61.000	61.000	61.000



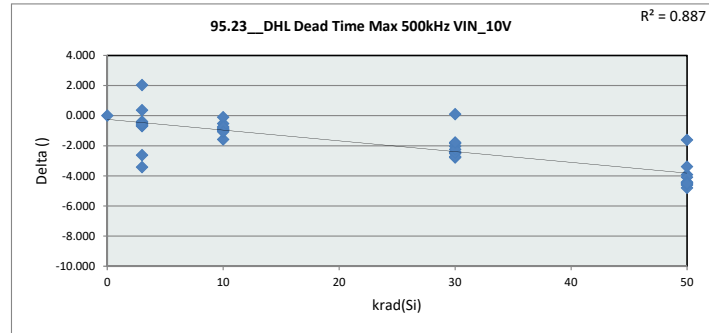
TID HDR Report

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95.23 DHL Dead Time Max 500

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

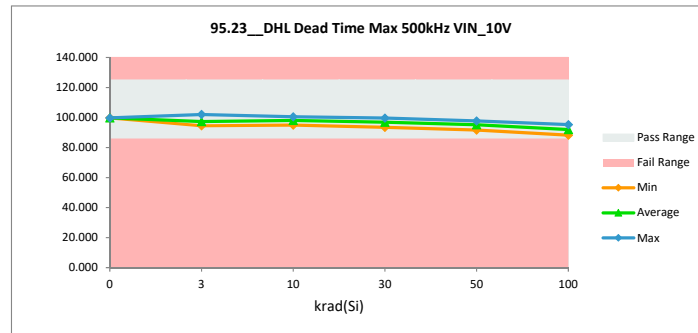
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	99.754	99.754	0.000
3	58	98.378	97.771	-0.607
3	59	94.958	94.482	-0.477
3	60	95.744	95.353	-0.392
3	61	100.467	99.808	-0.660
3	62	102.719	102.023	-0.696
3	134	99.237	96.616	-2.621
3	137	96.255	96.620	0.366
3	138	99.902	96.485	-3.416
3	139	97.025	96.477	-0.548
3	236	95.358	97.394	2.036
10	63	100.995	100.015	-0.979
10	64	100.989	100.174	-0.815
10	65	96.761	95.796	-0.964
10	66	99.852	98.941	-0.911
10	150	95.493	94.971	-0.522
10	237	98.911	97.332	-1.579
10	241	96.676	96.576	-0.100
10	242	99.377	98.490	-0.887
10	243	101.195	100.457	-0.737
10	244	98.408	97.343	-1.065
30	141	95.913	93.398	-2.515
30	144	100.112	97.329	-2.783
30	145	102.299	99.576	-2.723
30	146	99.402	97.001	-2.401
30	147	97.197	94.738	-2.459
30	132	101.408	99.566	-1.842
30	133	100.803	98.765	-2.039
30	135	98.474	98.575	0.101
30	245	97.906	95.670	-2.236
30	246	95.789	94.005	-1.784
50	67	99.696	95.779	-3.917
50	68	99.325	97.715	-1.611
50	69	98.646	94.037	-4.609
50	71	100.603	96.166	-4.437
50	72	96.370	91.570	-4.800
50	172	96.807	92.719	-4.088
50	173	99.761	96.374	-3.387
50	174	99.501	94.959	-4.542
50	183	98.678	94.258	-4.421
50	186	101.959	97.450	-4.509
100	95	96.729	88.213	-8.516
100	102	99.267	91.651	-7.615
100	104	98.673	91.495	-7.178
100	105	102.758	95.263	-7.495
100	106	100.200	92.762	-7.438
100	178	98.625	91.625	-7.000
100	179	99.069	92.550	-6.520
100	180	99.958	92.603	-7.355
100	181	98.855	91.122	-7.732
100	182	99.048	92.116	-6.932
Max		102.758	102.023	2.036
Average		98.868	95.920	-2.948
Min		94.958	88.213	-8.516
Std Dev		1.989	2.959	2.671



95.23 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	99.754	94.482	94.971	93.398	91.570	88.213
Average	99.754	97.303	98.010	96.862	95.103	91.940
Max	99.754	102.023	100.457	99.576	97.715	95.263
UL	125.000	125.000	125.000	125.000	125.000	125.000

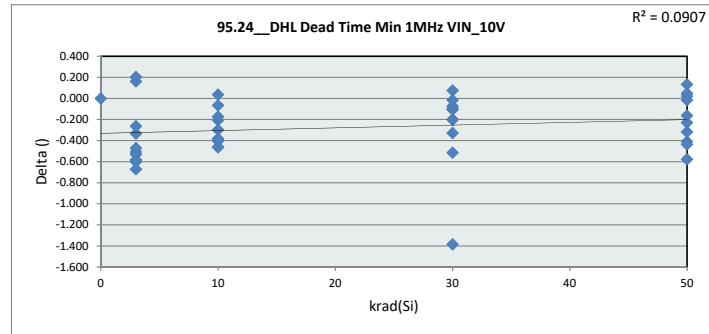


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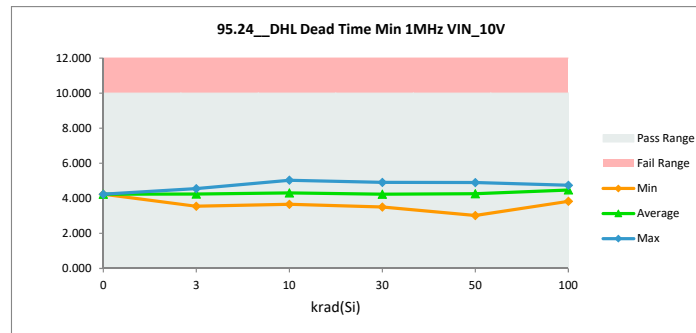
95.24 DHL Dead Time Min 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.233	4.233	0.000
3	58	4.865	4.263	-0.602
3	59	5.059	4.550	-0.509
3	60	4.998	4.466	-0.532
3	61	4.250	3.667	-0.583
3	62	4.217	3.546	-0.672
3	134	4.637	4.303	-0.334
3	137	4.589	4.325	-0.263
3	138	4.203	4.365	0.162
3	139	4.878	4.408	-0.471
3	236	4.333	4.536	0.202
10	63	5.099	4.698	-0.400
10	64	4.540	4.077	-0.463
10	65	4.723	4.260	-0.463
10	66	3.866	3.658	-0.208
10	150	5.099	5.032	-0.067
10	237	4.852	4.678	-0.174
10	241	4.889	4.486	-0.403
10	242	4.654	4.272	-0.382
10	243	3.713	3.749	0.036
10	244	4.415	4.117	-0.298
30	141	4.516	4.409	-0.107
30	144	4.479	4.152	-0.328
30	145	4.249	3.733	-0.516
30	146	4.329	4.128	-0.201
30	147	4.976	4.904	-0.073
30	132	4.150	4.054	-0.097
30	133	4.727	4.802	0.075
30	135	4.883	3.499	-1.385
30	245	4.142	4.126	-0.016
30	246	4.727	4.525	-0.202
50	67	5.113	4.883	-0.230
50	68	4.084	4.107	0.023
50	69	4.867	4.456	-0.411
50	71	3.596	3.019	-0.577
50	72	4.830	4.395	-0.436
50	172	4.422	4.259	-0.163
50	173	4.328	4.461	0.133
50	174	4.577	4.259	-0.319
50	183	4.848	4.896	0.048
50	186	3.830	3.814	-0.016
100	95	5.097	4.642	-0.455
100	102	4.477	4.624	0.147
100	104	5.027	4.696	-0.331
100	105	4.455	3.826	-0.629
100	106	4.424	4.336	-0.088
100	178	4.629	4.715	0.087
100	179	4.297	4.538	0.241
100	180	4.707	4.738	0.032
100	181	4.541	4.701	0.160
100	182	3.772	3.941	0.169
Max		5.113	5.032	0.241
Average		4.534	4.301	-0.233
Min		3.596	3.019	-1.385
Std Dev		0.389	0.414	0.304



95.24 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.233	3.546	3.658	3.499	3.019	3.826
Average	4.233	4.243	4.303	4.233	4.255	4.476
Max	4.233	4.550	5.032	4.904	4.896	4.738
UL	10.000	10.000	10.000	10.000	10.000	10.000

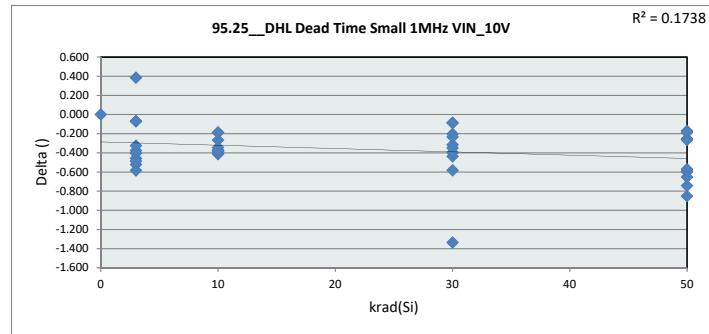


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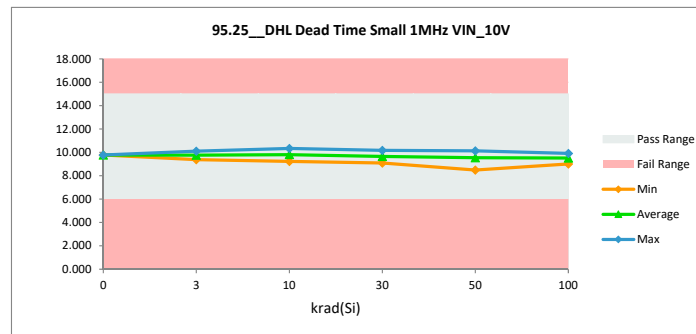
95.25 DHL Dead Time Small 1MHz VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	9.773	9.773	0.000
3	58	10.380	9.922	-0.457
3	59	10.369	9.965	-0.405
3	60	10.253	9.731	-0.523
3	61	9.860	9.374	-0.486
3	62	10.015	9.431	-0.583
3	134	10.150	9.775	-0.375
3	137	9.873	9.804	-0.069
3	138	9.862	9.791	-0.071
3	139	10.062	9.738	-0.324
3	236	9.720	10.105	0.385
10	63	10.743	10.338	-0.406
10	64	10.167	9.824	-0.343
10	65	10.083	9.714	-0.369
10	66	9.642	9.228	-0.414
10	150	10.435	10.169	-0.266
10	237	10.383	9.999	-0.384
10	241	10.153	9.772	-0.381
10	242	10.305	9.929	-0.376
10	243	9.538	9.350	-0.188
10	244	9.948	9.759	-0.189
30	141	9.792	9.477	-0.314
30	144	10.025	9.677	-0.348
30	145	9.915	9.333	-0.582
30	146	9.907	9.704	-0.203
30	147	10.390	9.953	-0.437
30	132	9.894	9.808	-0.086
30	133	10.402	10.170	-0.233
30	135	10.423	9.088	-1.335
30	245	9.811	9.414	-0.396
30	246	9.985	9.897	-0.088
50	67	10.716	10.124	-0.591
50	68	9.699	9.527	-0.172
50	69	10.413	9.814	-0.598
50	71	9.337	8.485	-0.851
50	72	10.168	9.425	-0.743
50	172	9.840	9.270	-0.570
50	173	10.043	9.790	-0.253
50	174	10.182	9.530	-0.652
50	183	10.321	10.133	-0.188
50	186	9.573	9.308	-0.265
100	95	10.362	9.473	-0.889
100	102	10.042	9.345	-0.697
100	104	10.564	9.676	-0.888
100	105	10.237	9.004	-1.233
100	106	10.068	9.592	-0.477
100	178	10.175	9.912	-0.263
100	179	9.957	9.496	-0.461
100	180	10.310	9.906	-0.404
100	181	10.084	9.682	-0.402
100	182	9.449	9.048	-0.401
Max		10.743	10.338	0.385
Average		10.074	9.658	-0.417
Min		9.337	8.485	-1.335
Std Dev		0.310	0.349	0.292



95.25 DHL Dead Time Small 1MHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.773	9.374	9.228	9.088	8.485	9.004
Average	9.773	9.764	9.808	9.652	9.541	9.513
Max	9.773	10.105	10.338	10.170	10.133	9.912
UL	15.000	15.000	15.000	15.000	15.000	15.000

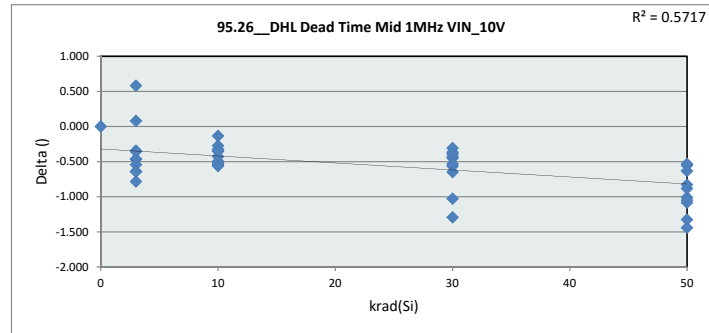


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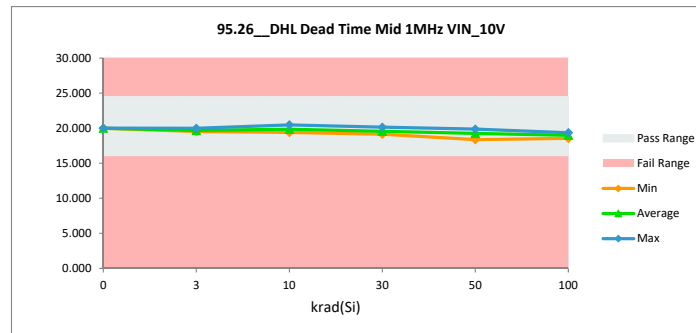
95.26 DHL Dead Time Mid 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	19.999	19.999	0.000
3	58	20.536	19.993	-0.543
3	59	20.129	19.663	-0.466
3	60	19.881	19.523	-0.358
3	61	20.245	19.605	-0.639
3	62	20.427	19.784	-0.642
3	134	20.327	19.544	-0.783
3	137	19.636	19.716	0.080
3	138	20.035	19.573	-0.463
3	139	19.875	19.532	-0.343
3	236	19.395	19.976	0.581
10	63	20.997	20.478	-0.519
10	64	20.438	19.943	-0.496
10	65	19.937	19.584	-0.353
10	66	19.939	19.378	-0.561
10	150	20.231	20.098	-0.133
10	237	20.491	19.955	-0.536
10	241	19.961	19.635	-0.326
10	242	20.409	19.980	-0.429
10	243	19.986	19.714	-0.272
10	244	19.925	19.587	-0.338
30	141	19.500	19.134	-0.367
30	144	20.224	19.576	-0.648
30	145	20.464	19.438	-1.026
30	146	20.045	19.616	-0.429
30	147	20.221	19.656	-0.565
30	132	20.272	19.965	-0.307
30	133	20.599	20.149	-0.450
30	135	20.522	19.229	-1.293
30	245	19.808	19.277	-0.531
30	246	19.779	19.388	-0.391
50	67	20.877	19.869	-1.007
50	68	19.912	19.360	-0.553
50	69	20.618	19.294	-1.325
50	71	19.810	18.369	-1.440
50	72	19.906	18.823	-1.083
50	172	19.769	18.885	-0.884
50	173	20.231	19.700	-0.531
50	174	20.309	19.259	-1.050
50	183	20.343	19.710	-0.633
50	186	20.065	19.236	-0.829
100	95	20.250	18.546	-1.704
100	102	20.150	18.948	-1.203
100	104	20.578	18.960	-1.618
100	105	20.646	18.860	-1.786
100	106	20.270	19.105	-1.165
100	178	20.272	19.355	-0.918
100	179	20.079	19.121	-0.958
100	180	20.452	19.335	-1.116
100	181	20.277	18.999	-1.278
100	182	19.609	18.682	-0.927
Max		20.997	20.478	0.581
Average		20.170	19.473	-0.697
Min		19.395	18.369	-1.786
Std Dev		0.337	0.437	0.465



95.26 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24.5	
Min Limit	16	

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	19.999	19.523	19.378	19.134	18.370	18.546
Average	19.999	19.691	19.835	19.543	19.250	18.991
Max	19.999	19.993	20.478	20.149	19.870	19.355
UL	24.500	24.500	24.500	24.500	24.500	24.500

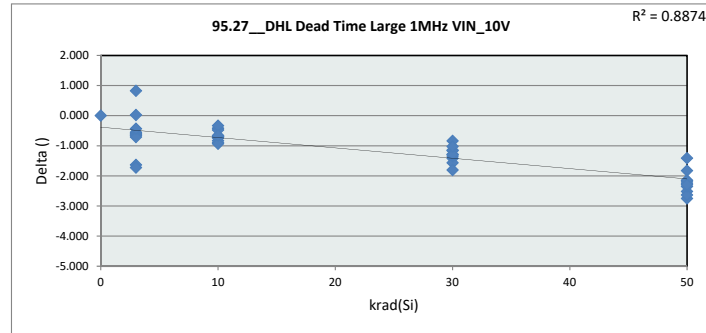


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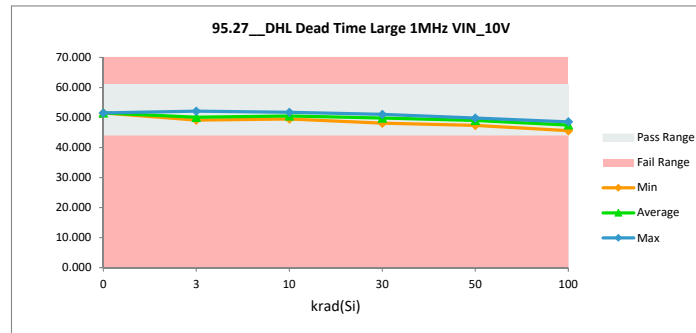
95.27 DHL Dead Time Large 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	51.524	51.524	0.000
3	58	51.222	50.588	-0.634
3	59	49.717	49.165	-0.551
3	60	49.695	49.097	-0.597
3	61	51.725	51.071	-0.654
3	62	52.813	52.104	-0.710
3	134	51.272	49.639	-1.633
3	137	49.674	49.699	0.025
3	138	51.382	49.656	-1.726
3	139	50.036	49.601	-0.435
3	236	49.384	50.212	0.828
10	63	52.415	51.727	-0.688
10	64	51.982	51.301	-0.681
10	65	50.204	49.464	-0.740
10	66	51.451	50.620	-0.831
10	150	49.927	49.509	-0.418
10	237	51.282	50.385	-0.896
10	241	50.068	49.590	-0.478
10	242	51.548	50.618	-0.931
10	243	51.927	51.595	-0.332
10	244	50.653	49.996	-0.657
30	141	49.520	48.105	-1.415
30	144	51.591	50.026	-1.564
30	145	52.636	50.834	-1.802
30	146	51.206	49.921	-1.286
30	147	50.363	49.019	-1.344
30	132	52.177	51.032	-1.145
30	133	51.919	50.756	-1.164
30	135	51.113	50.277	-0.836
30	245	50.609	49.316	-1.293
30	246	49.649	48.628	-1.021
50	67	51.815	49.646	-2.169
50	68	51.222	49.810	-1.412
50	69	51.327	48.812	-2.516
50	71	51.742	48.992	-2.750
50	72	50.011	47.380	-2.632
50	172	50.192	47.954	-2.237
50	173	51.429	49.602	-1.826
50	174	51.306	48.953	-2.354
50	183	51.080	48.936	-2.145
50	186	52.033	49.739	-2.294
100	95	50.134	45.619	-4.515
100	102	51.335	47.345	-3.990
100	104	51.165	47.296	-3.869
100	105	52.843	48.575	-4.268
100	106	51.646	47.985	-3.661
100	178	50.941	47.649	-3.292
100	179	51.218	47.876	-3.343
100	180	51.613	47.975	-3.638
100	181	51.120	47.200	-3.920
100	182	50.951	47.480	-3.471
Max		52.843	52.104	0.828
Average		51.094	49.410	-1.684
Min		49.384	45.619	-4.515
Std Dev		0.885	1.377	1.286



95.27 DHL Dead Time Large 1MHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	61	
Min Limit	44	

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	51.524	49.097	49.464	48.105	47.380	45.619
Average	51.524	50.083	50.481	49.791	48.982	47.500
Max	51.524	52.104	51.727	51.032	49.810	48.575
UL	61.000	61.000	61.000	61.000	61.000	61.000

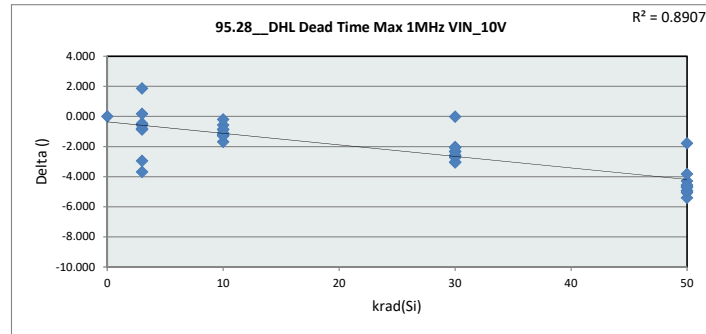


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95.28 DHL Dead Time Max 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

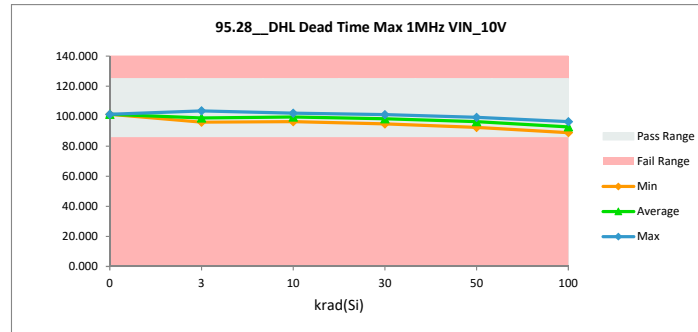
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	101.243	101.243	0.000
3	58	99.916	99.104	-0.812
3	59	96.606	96.020	-0.587
3	60	97.348	96.887	-0.461
3	61	102.127	101.306	-0.821
3	62	104.441	103.573	-0.868
3	134	100.854	97.910	-2.944
3	137	97.769	97.942	0.172
3	138	101.608	97.923	-3.685
3	139	98.632	98.078	-0.553
3	236	96.929	98.799	1.869
10	63	102.547	101.329	-1.218
10	64	102.673	101.821	-0.852
10	65	98.408	97.195	-1.212
10	66	101.501	100.206	-1.295
10	150	96.934	96.365	-0.569
10	237	100.507	98.823	-1.684
10	241	98.189	97.991	-0.198
10	242	100.953	99.856	-1.097
10	243	102.901	102.036	-0.865
10	244	99.947	98.711	-1.236
30	141	97.563	94.833	-2.729
30	144	101.831	98.782	-3.049
30	145	104.042	101.012	-3.030
30	146	100.921	98.358	-2.562
30	147	98.717	96.080	-2.637
30	132	103.042	101.006	-2.036
30	133	102.427	100.119	-2.308
30	135	100.000	99.988	-0.012
30	245	99.587	97.242	-2.345
30	246	97.417	95.348	-2.069
50	67	101.357	97.072	-4.286
50	68	100.957	99.176	-1.781
50	69	100.281	95.220	-5.061
50	71	102.329	97.619	-4.710
50	72	97.903	92.499	-5.404
50	172	98.354	93.805	-4.549
50	173	101.341	97.520	-3.822
50	174	101.132	96.202	-4.930
50	183	100.254	95.310	-4.944
50	186	103.579	98.940	-4.639
100	95	98.161	89.048	-9.113
100	102	100.974	92.603	-8.371
100	104	100.099	92.387	-7.713
100	105	104.574	96.376	-8.198
100	106	101.847	93.823	-8.024
100	178	100.231	92.764	-7.468
100	179	100.743	93.478	-7.265
100	180	101.529	93.601	-7.928
100	181	100.521	92.041	-8.480
100	182	100.695	93.113	-7.582
Max		104.574	103.573	1.869
Average		100.479	97.225	-3.254
Min		96.606	89.048	-9.113
Std Dev		2.033	3.128	2.858



95.28 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	101.243	96.020	96.365	94.833	92.499	89.048
Average	101.243	98.754	99.433	98.277	96.336	92.923
Max	101.243	103.573	102.036	101.012	99.176	96.376
UL	125.000	125.000	125.000	125.000	125.000	125.000

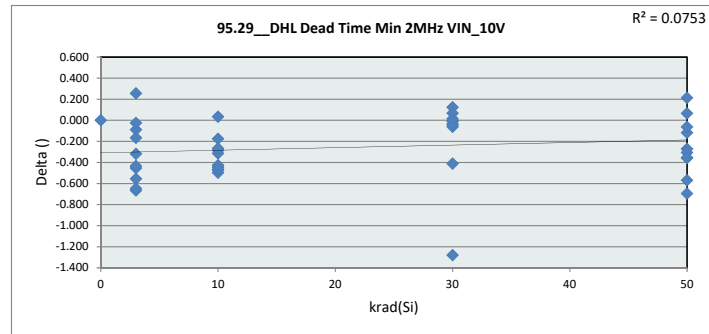


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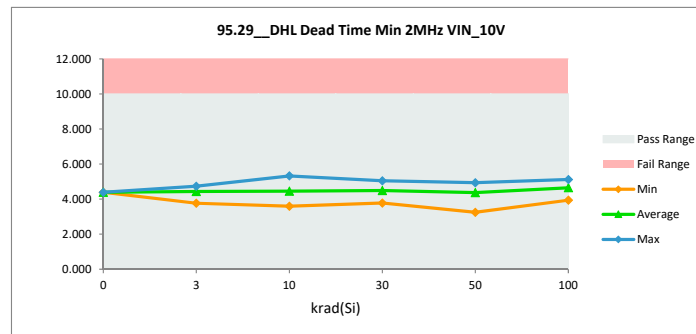
95.29 DHL Dead Time Min 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.389	4.389	0.000
3	58	4.994	4.329	-0.665
3	59	5.156	4.702	-0.454
3	60	5.006	4.688	-0.318
3	61	4.391	3.835	-0.556
3	62	4.412	3.764	-0.648
3	134	4.823	4.735	-0.089
3	137	4.731	4.564	-0.166
3	138	4.514	4.488	-0.025
3	139	4.974	4.540	-0.434
3	236	4.461	4.717	0.256
10	63	5.330	4.832	-0.498
10	64	4.603	4.319	-0.284
10	65	4.950	4.476	-0.474
10	66	4.035	3.590	-0.444
10	150	5.291	5.326	0.035
10	237	5.046	4.733	-0.313
10	241	5.018	4.555	-0.464
10	242	4.916	4.490	-0.426
10	243	4.025	3.850	-0.175
10	244	4.637	4.371	-0.266
30	141	4.642	4.634	-0.008
30	144	4.537	4.661	0.124
30	145	4.426	4.016	-0.410
30	146	4.444	4.382	-0.062
30	147	5.029	5.021	-0.008
30	132	4.247	4.210	-0.036
30	133	4.977	5.044	0.067
30	135	5.051	3.772	-1.279
30	245	4.284	4.240	-0.044
30	246	4.922	4.936	0.014
50	67	5.136	4.782	-0.354
50	68	4.336	4.218	-0.119
50	69	4.978	4.707	-0.271
50	71	3.941	3.247	-0.695
50	72	5.045	4.477	-0.568
50	172	4.688	4.381	-0.307
50	173	4.466	4.679	0.213
50	174	4.746	4.389	-0.358
50	183	4.865	4.931	0.066
50	186	3.970	3.906	-0.064
100	95	5.134	4.866	-0.267
100	102	4.730	4.593	-0.137
100	104	5.181	4.982	-0.199
100	105	4.679	3.942	-0.737
100	106	4.505	4.478	-0.027
100	178	4.872	5.096	0.224
100	179	4.396	4.715	0.319
100	180	4.767	5.119	0.352
100	181	4.756	4.524	-0.232
100	182	3.980	4.169	0.189
Max		5.330	5.326	0.352
Average		4.695	4.479	-0.216
Min		3.941	3.247	-1.279
Std Dev		0.362	0.425	0.313



95.29 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.389	3.764	3.590	3.772	3.247	3.942
Average	4.389	4.436	4.454	4.492	4.372	4.649
Max	4.389	4.735	5.326	5.044	4.931	5.119
UL	10.000	10.000	10.000	10.000	10.000	10.000

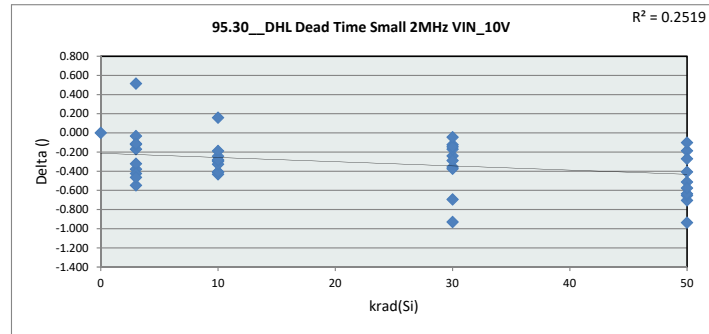


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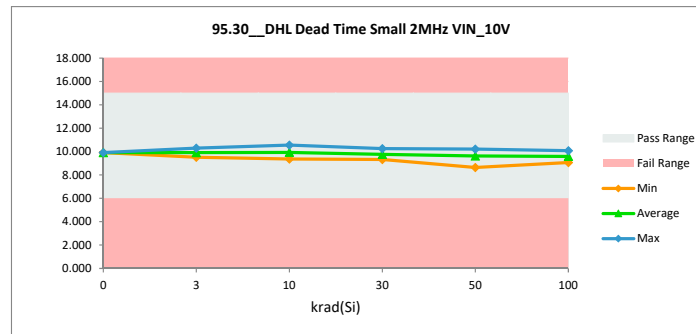
95.30 DHL Dead Time Small 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	9.911	9.911	0.000
3	58	10.488	9.941	-0.547
3	59	10.537	10.157	-0.380
3	60	10.174	9.851	-0.323
3	61	9.933	9.509	-0.423
3	62	10.105	9.641	-0.464
3	134	10.182	10.012	-0.170
3	137	9.952	9.919	-0.033
3	138	9.970	9.850	-0.120
3	139	10.042	9.928	-0.114
3	236	9.783	10.297	0.514
10	63	10.861	10.449	-0.412
10	64	10.283	10.039	-0.244
10	65	10.172	9.739	-0.433
10	66	9.663	9.366	-0.297
10	150	10.398	10.557	0.158
10	237	10.599	10.192	-0.407
10	241	10.159	9.832	-0.328
10	242	10.333	10.051	-0.282
10	243	9.618	9.429	-0.188
10	244	9.964	9.678	-0.285
30	141	9.744	9.503	-0.240
30	144	10.063	9.892	-0.171
30	145	10.011	9.317	-0.694
30	146	10.053	9.697	-0.355
30	147	10.481	10.106	-0.374
30	132	9.932	9.809	-0.123
30	133	10.390	10.245	-0.145
30	135	10.414	9.484	-0.929
30	245	9.792	9.503	-0.289
30	246	10.012	9.967	-0.046
50	67	10.706	10.194	-0.512
50	68	9.825	9.638	-0.186
50	69	10.504	9.800	-0.704
50	71	9.574	8.638	-0.936
50	72	10.264	9.612	-0.653
50	172	9.991	9.356	-0.636
50	173	10.096	9.826	-0.270
50	174	10.224	9.649	-0.575
50	183	10.306	10.205	-0.101
50	186	9.727	9.320	-0.406
100	95	10.458	9.368	-1.089
100	102	10.274	9.611	-0.663
100	104	10.640	9.737	-0.903
100	105	10.309	9.097	-1.212
100	106	10.060	9.666	-0.394
100	178	10.269	10.067	-0.202
100	179	10.087	9.726	-0.360
100	180	10.302	10.004	-0.298
100	181	10.164	9.577	-0.587
100	182	9.565	9.065	-0.500
Max		10.861	10.557	0.514
Average		10.144	9.765	-0.379
Min		9.565	8.638	-1.212
Std Dev		0.300	0.364	0.308



95.30 DHL Dead Time Small 2MHz VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.911	9.509	9.366	9.317	8.638	9.065
Average	9.911	9.911	9.933	9.752	9.624	9.592
Max	9.911	10.297	10.557	10.245	10.205	10.067
UL	15.000	15.000	15.000	15.000	15.000	15.000

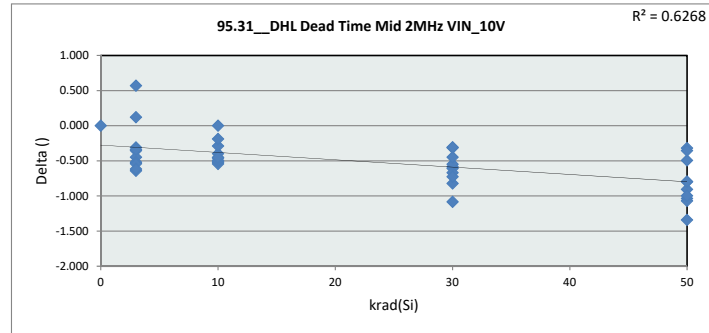


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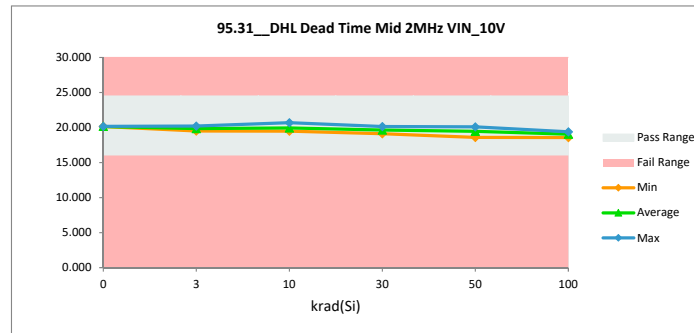
95.31 DHL Dead Time Mid 2MH		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.153	20.153	0.000
3	58	20.552	20.197	-0.356
3	59	20.198	19.749	-0.449
3	60	20.021	19.501	-0.520
3	61	20.315	19.674	-0.641
3	62	20.645	20.103	-0.542
3	134	20.391	19.774	-0.618
3	137	19.723	19.844	0.121
3	138	20.185	19.875	-0.310
3	139	19.972	19.633	-0.339
3	236	19.542	20.112	0.570
10	63	21.087	20.689	-0.398
10	64	20.589	20.066	-0.523
10	65	20.040	19.496	-0.545
10	66	19.981	19.474	-0.507
10	150	20.262	20.264	0.002
10	237	20.595	20.101	-0.494
10	241	20.031	19.571	-0.460
10	242	20.519	20.230	-0.289
10	243	19.966	19.777	-0.189
10	244	20.046	19.595	-0.451
30	141	19.692	19.108	-0.584
30	144	20.399	19.792	-0.608
30	145	20.530	19.708	-0.823
30	146	20.164	19.495	-0.669
30	147	20.267	19.718	-0.548
30	132	20.390	20.077	-0.313
30	133	20.594	20.145	-0.449
30	135	20.582	19.499	-1.083
30	245	19.995	19.270	-0.725
30	246	19.804	19.497	-0.307
50	67	20.878	20.080	-0.799
50	68	19.997	19.680	-0.317
50	69	20.567	19.661	-0.906
50	71	19.931	18.590	-1.341
50	72	20.104	19.069	-1.035
50	172	19.859	18.789	-1.070
50	173	20.276	19.782	-0.494
50	174	20.457	19.459	-0.997
50	183	20.323	19.968	-0.355
50	186	20.197	19.403	-0.795
100	95	20.276	18.562	-1.714
100	102	20.338	19.095	-1.243
100	104	20.652	19.074	-1.578
100	105	20.720	18.929	-1.791
100	106	20.313	19.142	-1.172
100	178	20.392	19.386	-1.006
100	179	20.202	19.344	-0.859
100	180	20.477	19.298	-1.179
100	181	20.262	18.793	-1.469
100	182	19.806	18.752	-1.055
Max		21.087	20.689	0.570
Average		20.260	19.589	-0.671
Min		19.542	18.562	-1.791
Std Dev		0.315	0.473	0.465



95.31 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24.5	
Min Limit	16	

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	20.153	19.501	19.474	19.108	18.590	18.562
Average	20.153	19.846	19.926	19.631	19.448	19.037
Max	20.153	20.197	20.689	20.145	20.080	19.386
UL	24.500	24.500	24.500	24.500	24.500	24.500



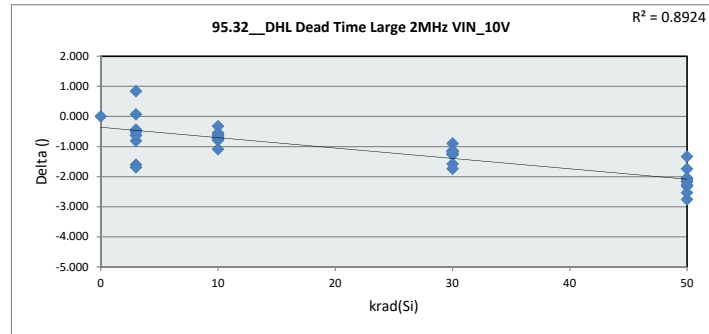
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95.32 DHL Dead Time Large 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

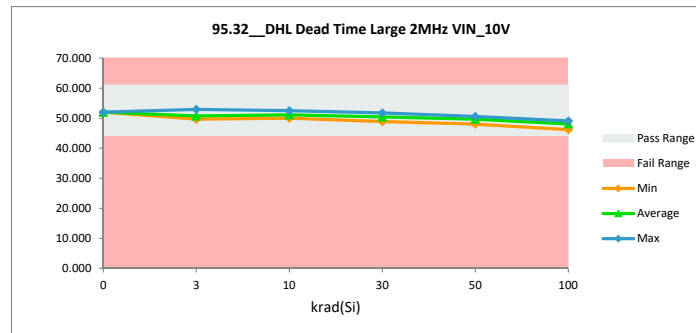
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	52.014	52.014	0.000
3	58	51.758	51.286	-0.472
3	59	50.274	49.766	-0.508
3	60	50.271	49.651	-0.620
3	61	52.474	51.666	-0.808
3	62	53.563	52.934	-0.629
3	134	51.938	50.338	-1.600
3	137	50.177	50.247	0.069
3	138	51.967	50.280	-1.687
3	139	50.625	50.189	-0.436
3	236	49.996	50.840	0.843
10	63	53.128	52.472	-0.656
10	64	52.653	51.895	-0.758
10	65	50.596	49.956	-0.640
10	66	52.031	51.240	-0.792
10	150	50.572	50.252	-0.320
10	237	51.858	50.770	-1.088
10	241	50.705	50.089	-0.616
10	242	52.159	51.465	-0.694
10	243	52.536	51.993	-0.542
10	244	51.307	50.584	-0.723
30	141	50.104	48.855	-1.249
30	144	52.269	50.694	-1.575
30	145	53.391	51.655	-1.736
30	146	51.749	50.487	-1.262
30	147	50.915	49.654	-1.261
30	132	52.879	51.724	-1.155
30	133	52.465	51.313	-1.152
30	135	51.711	50.815	-0.896
30	245	51.200	50.022	-1.177
30	246	50.091	48.953	-1.138
50	67	52.254	50.175	-2.079
50	68	51.806	50.476	-1.330
50	69	51.814	49.498	-2.316
50	71	52.394	49.640	-2.754
50	72	50.536	48.006	-2.530
50	172	50.666	48.513	-2.152
50	173	52.074	50.332	-1.742
50	174	51.907	49.635	-2.272
50	183	51.566	49.525	-2.042
50	186	52.759	50.587	-2.172
100	95	50.721	46.193	-4.528
100	102	51.894	47.980	-3.913
100	104	51.755	47.943	-3.812
100	105	53.406	49.079	-4.327
100	106	52.348	48.517	-3.831
100	178	51.529	48.203	-3.326
100	179	51.814	48.500	-3.315
100	180	52.295	48.606	-3.689
100	181	51.733	47.864	-3.869
100	182	51.586	48.021	-3.565
Max		53.563	52.934	0.843
Average		51.691	50.027	-1.664
Min		49.996	46.193	-4.528
Std Dev		0.926	1.395	1.286



95.32 DHL Dead Time Large 2MHz VIN_10V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	61
Min Limit	44

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	52.014	49.651	49.956	48.855	48.006	46.193
Average	52.014	50.720	51.072	50.417	49.639	48.091
Max	52.014	52.934	52.472	51.724	50.587	49.079
UL	61.000	61.000	61.000	61.000	61.000	61.000

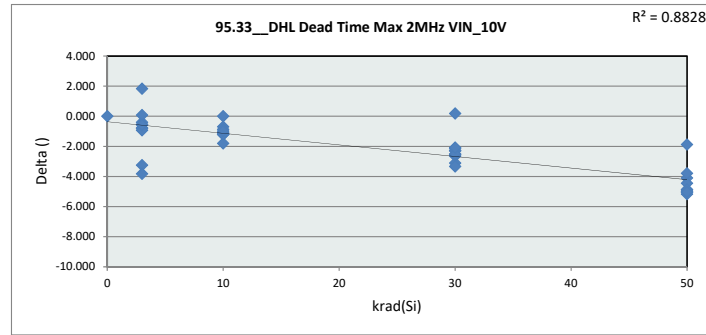


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TPS7H6003-SP (5962R2220101VXC)

95.33 DHL Dead Time Max 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

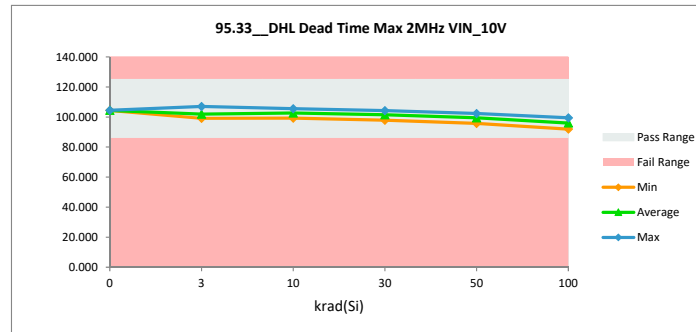
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	104.419	104.419	0.000
3	58	103.058	102.288	-0.770
3	59	99.519	99.119	-0.400
3	60	100.379	99.839	-0.541
3	61	105.547	104.737	-0.810
3	62	107.948	107.019	-0.929
3	134	104.127	100.883	-3.243
3	137	100.869	100.949	0.080
3	138	104.723	100.900	-3.823
3	139	101.609	101.043	-0.566
3	236	99.957	101.789	1.833
10	63	105.734	104.572	-1.162
10	64	106.128	104.922	-1.207
10	65	101.342	100.278	-1.064
10	66	104.765	103.557	-1.209
10	150	99.873	99.177	-0.695
10	237	103.680	101.879	-1.801
10	241	101.057	101.064	0.007
10	242	104.285	103.099	-1.185
10	243	106.340	105.472	-0.867
10	244	103.017	102.037	-0.980
30	141	100.508	97.863	-2.645
30	144	104.993	101.881	-3.112
30	145	107.370	104.037	-3.333
30	146	104.104	101.811	-2.293
30	147	101.690	99.149	-2.541
30	132	106.357	104.209	-2.148
30	133	105.725	103.432	-2.293
30	135	103.004	103.195	0.191
30	245	102.661	100.156	-2.505
30	246	100.397	98.314	-2.083
50	67	104.368	100.273	-4.095
50	68	104.135	102.264	-1.871
50	69	103.220	98.323	-4.897
50	71	105.671	100.625	-5.047
50	72	100.897	95.724	-5.173
50	172	101.236	96.787	-4.449
50	173	104.466	100.678	-3.788
50	174	104.185	99.197	-4.988
50	183	103.253	98.394	-4.859
50	186	107.066	102.023	-5.043
100	95	101.154	91.942	-9.213
100	102	103.999	95.849	-8.150
100	104	103.145	95.473	-7.671
100	105	107.917	99.464	-8.452
100	106	105.257	97.211	-8.045
100	178	103.201	95.719	-7.482
100	179	103.896	96.820	-7.076
100	180	104.839	96.467	-8.372
100	181	103.543	95.023	-8.520
100	182	103.870	96.074	-7.796
Max		107.948	107.019	1.833
Average		103.618	100.342	-3.276
Min		99.519	91.942	-9.213
Std Dev		2.178	3.202	2.887



95.33 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	104.419	99.119	99.177	97.863	95.724	91.942
Average	104.419	101.857	102.606	101.405	99.429	96.004
Max	104.419	107.019	105.472	104.209	102.264	99.464
UL	125.000	125.000	125.000	125.000	125.000	125.000

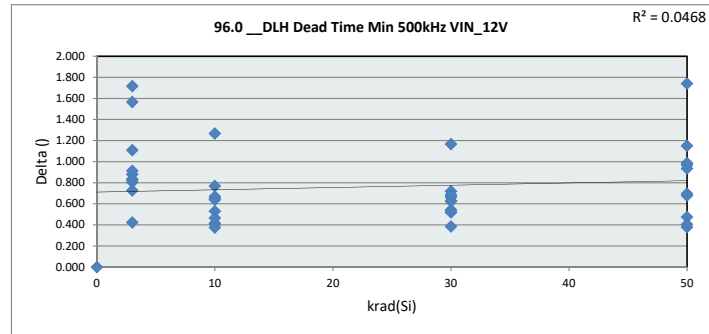


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TPS7H6003-SP (5962R2220101VXC)

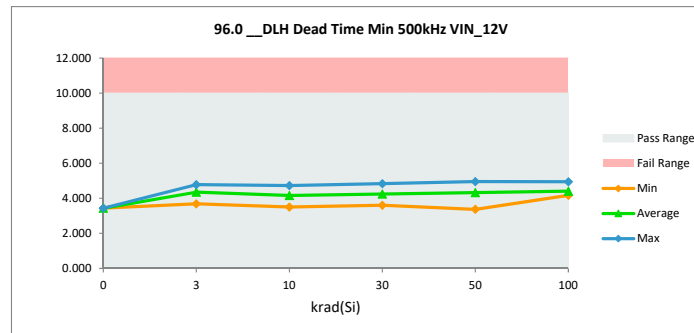
96.0 __DLH Dead Time Min 500k		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.435	3.435	0.000
3	58	3.517	4.397	0.880
3	59	3.137	3.864	0.727
3	60	2.773	3.685	0.913
3	61	3.672	4.478	0.805
3	62	3.290	4.116	0.826
3	134	3.046	4.763	1.716
3	137	3.671	4.780	1.109
3	138	3.812	4.646	0.834
3	139	3.898	4.320	0.422
3	236	2.847	4.414	1.566
10	63	3.509	4.277	0.769
10	64	3.330	3.999	0.669
10	65	3.522	3.936	0.414
10	66	3.677	4.327	0.650
10	150	3.228	3.758	0.529
10	237	3.672	4.310	0.638
10	241	3.459	4.725	1.267
10	242	3.095	3.503	0.408
10	243	3.828	4.203	0.374
10	244	4.052	4.518	0.466
30	141	3.131	3.759	0.628
30	144	3.909	4.571	0.663
30	145	4.148	4.691	0.543
30	146	3.566	4.190	0.624
30	147	3.386	3.771	0.385
30	132	3.917	4.637	0.719
30	133	3.629	4.149	0.520
30	135	3.664	4.831	1.167
30	245	3.650	4.170	0.521
30	246	2.921	3.605	0.683
50	67	3.531	4.208	0.678
50	68	2.966	4.705	1.740
50	69	3.325	4.293	0.968
50	71	3.665	4.599	0.935
50	72	3.078	4.064	0.986
50	172	4.479	4.954	0.475
50	173	3.799	4.178	0.378
50	174	2.866	4.016	1.150
50	183	2.967	3.372	0.405
50	186	4.113	4.809	0.696
100	95	3.721	4.942	1.221
100	102	3.128	4.203	1.075
100	104	3.347	4.697	1.350
100	105	3.206	4.286	1.080
100	106	3.654	4.673	1.019
100	178	3.563	4.333	0.770
100	179	3.575	4.180	0.605
100	180	3.427	4.399	0.971
100	181	3.461	4.170	0.709
100	182	3.378	4.174	0.796
Max		4.479	4.954	1.740
Average		3.483	4.276	0.793
Min		2.773	3.372	0.000
Std Dev		0.366	0.395	0.353



96.0 __DLH Dead Time Min 500k		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.435	3.685	3.504	3.605	3.372	4.170
Average	3.435	4.346	4.156	4.238	4.320	4.406
Max	3.435	4.780	4.725	4.831	4.954	4.942
UL	10.000	10.000	10.000	10.000	10.000	10.000

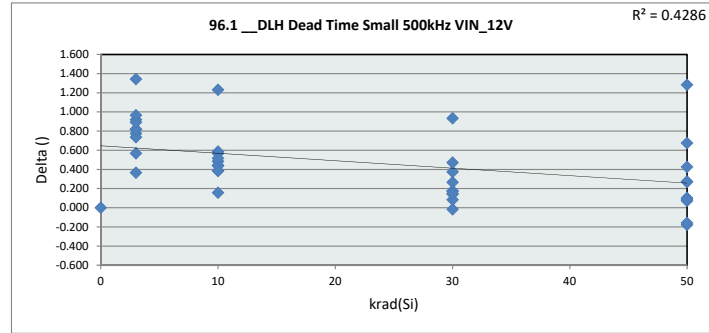


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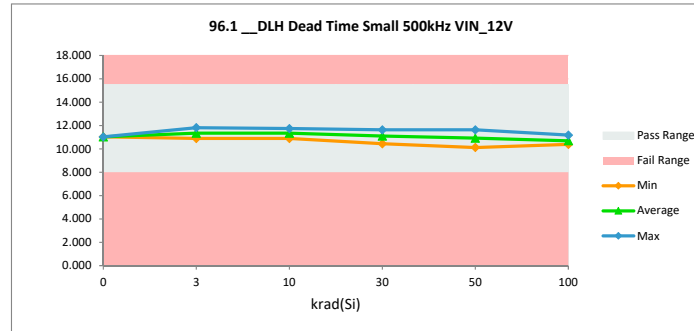
96.1 __DLH Dead Time Small 500		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	11.028	11.028	0.000
3	58	11.011	11.578	0.567
3	59	10.066	10.885	0.819
3	60	10.133	10.909	0.776
3	61	10.641	11.377	0.736
3	62	10.143	10.962	0.818
3	134	10.568	11.486	0.918
3	137	10.512	11.404	0.892
3	138	10.550	11.515	0.965
3	139	11.133	11.499	0.366
3	236	10.475	11.818	1.344
10	63	10.952	11.436	0.484
10	64	10.847	11.232	0.384
10	65	10.932	11.369	0.437
10	66	10.531	11.118	0.587
10	150	10.572	11.015	0.443
10	237	10.513	11.744	1.231
10	241	10.789	11.355	0.567
10	242	10.498	10.887	0.389
10	243	11.143	11.659	0.516
10	244	11.489	11.647	0.158
30	141	10.425	10.800	0.375
30	144	11.183	11.359	0.176
30	145	11.061	11.232	0.172
30	146	10.904	11.047	0.143
30	147	10.616	10.701	0.085
30	132	11.152	11.623	0.470
30	133	10.967	11.234	0.267
30	135	10.540	11.474	0.933
30	245	11.100	11.084	-0.017
30	246	10.288	10.436	0.148
50	67	10.484	10.555	0.072
50	68	10.342	11.625	1.284
50	69	10.675	10.949	0.274
50	71	10.407	10.676	0.269
50	72	10.326	10.752	0.426
50	172	11.459	11.561	0.102
50	173	11.184	11.005	-0.179
50	174	10.263	10.938	0.675
50	183	10.278	10.119	-0.158
50	186	10.957	11.042	0.085
100	95	11.081	11.171	0.090
100	102	10.534	10.399	-0.135
100	104	10.784	10.952	0.167
100	105	10.640	10.665	0.025
100	106	11.027	10.809	-0.218
100	178	10.807	10.757	-0.050
100	179	10.870	10.467	-0.403
100	180	10.816	10.877	0.061
100	181	10.840	10.466	-0.374
100	182	10.610	10.384	-0.227
Max		11.489	11.818	1.344
Average		10.728	11.080	0.352
Min		10.066	10.119	-0.403
Std Dev		0.339	0.410	0.419



96.1 __DLH Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15.5	
Min Limit	8	

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	11.028	10.885	10.887	10.436	10.119	10.384
Average	11.028	11.343	11.346	11.099	10.922	10.695
Max	11.028	11.818	11.744	11.623	11.626	11.171
UL	15.500	15.500	15.500	15.500	15.500	15.500



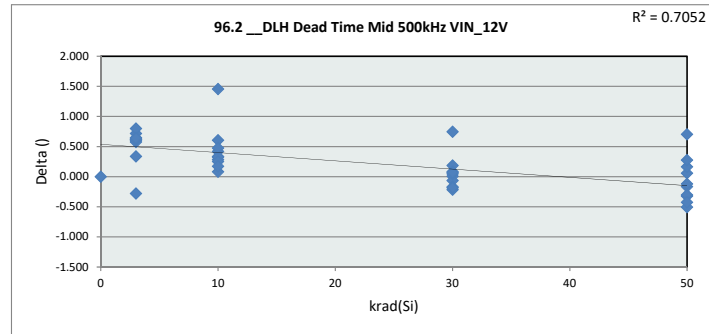
TID HDR Report

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96.2 __DLH Dead Time Mid 500k

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

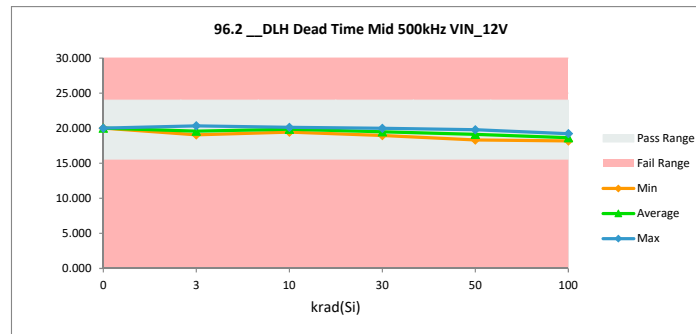
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.012	20.012	0.000
3	58	19.620	20.337	0.718
3	59	18.400	19.044	0.644
3	60	18.840	19.440	0.599
3	61	18.805	19.421	0.616
3	62	18.425	19.224	0.799
3	134	19.558	19.278	-0.279
3	137	18.683	19.258	0.575
3	138	18.744	19.361	0.617
3	139	19.756	20.092	0.336
3	236	19.559	20.200	0.641
10	63	19.697	20.032	0.335
10	64	19.728	20.011	0.283
10	65	19.705	20.124	0.419
10	66	18.818	19.423	0.606
10	150	19.247	19.574	0.327
10	237	18.610	20.066	1.456
10	241	19.368	19.451	0.083
10	242	19.354	19.830	0.476
10	243	19.673	19.925	0.252
10	244	19.912	20.084	0.171
30	141	19.219	19.227	0.008
30	144	19.730	19.915	0.185
30	145	19.310	19.247	-0.063
30	146	19.561	19.642	0.081
30	147	19.347	19.132	-0.215
30	132	19.928	19.974	0.046
30	133	19.536	19.605	0.069
30	135	18.675	19.421	0.746
30	245	19.771	19.601	-0.171
30	246	19.139	18.955	-0.184
50	67	18.643	18.320	-0.323
50	68	19.080	19.783	0.703
50	69	19.432	19.489	0.057
50	71	18.633	18.467	-0.165
50	72	18.915	19.080	0.165
50	172	19.596	19.293	-0.302
50	173	20.003	19.500	-0.504
50	174	19.302	19.579	0.277
50	183	18.966	18.540	-0.426
50	186	19.110	18.989	-0.121
100	95	19.742	19.218	-0.524
100	102	19.150	18.183	-0.967
100	104	19.482	18.823	-0.659
100	105	19.487	18.568	-0.919
100	106	19.629	18.687	-0.942
100	178	19.348	18.621	-0.727
100	179	19.655	18.593	-1.061
100	180	19.795	18.783	-1.011
100	181	19.477	18.403	-1.074
100	182	19.214	18.507	-0.707
Max		20.012	20.337	1.456
Average		19.321	19.340	0.019
Min		18.400	18.183	-1.074
Std Dev		0.433	0.564	0.576



96.2 __DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	20.012	19.044	19.423	18.955	18.321	18.183
Average	20.012	19.566	19.852	19.472	19.104	18.639
Max	20.012	20.337	20.124	19.974	19.783	19.218
UL	24.000	24.000	24.000	24.000	24.000	24.000



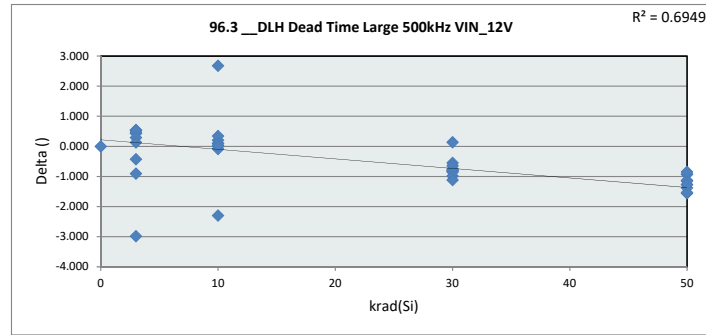
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

96.3 DLH Dead Time Large 500kHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

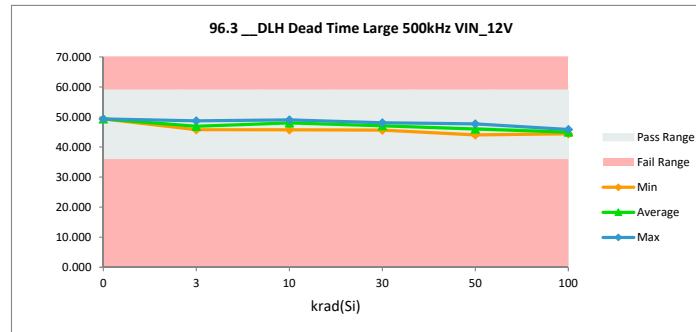
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	49.349	49.349	0.000
3	58	48.183	48.724	0.541
3	59	45.807	46.241	0.434
3	60	47.139	47.581	0.442
3	61	45.765	46.280	0.516
3	62	45.497	46.039	0.542
3	134	48.783	45.802	-2.982
3	137	46.193	45.766	-0.427
3	138	45.581	45.872	0.291
3	139	47.932	48.066	0.134
3	236	49.216	48.312	-0.904
10	63	48.740	48.948	0.208
10	64	48.959	48.955	-0.004
10	65	48.976	48.995	0.019
10	66	45.796	46.140	0.343
10	150	48.376	48.482	0.106
10	237	45.434	48.111	2.677
10	241	48.023	45.728	-2.295
10	242	48.493	48.584	0.091
10	243	48.039	47.955	-0.084
10	244	48.267	48.281	0.014
30	141	47.936	47.387	-0.549
30	144	48.352	47.549	-0.804
30	145	46.383	45.632	-0.752
30	146	48.133	47.344	-0.788
30	147	47.826	47.002	-0.824
30	132	48.727	48.085	-0.643
30	133	48.127	47.276	-0.851
30	135	45.621	45.757	0.137
30	245	48.514	47.527	-0.987
30	246	48.326	47.207	-1.119
50	67	45.601	44.041	-1.560
50	68	48.172	47.240	-0.931
50	69	48.213	47.062	-1.151
50	71	45.427	44.164	-1.264
50	72	46.993	46.073	-0.920
50	172	46.385	45.258	-1.126
50	173	48.571	47.195	-1.376
50	174	48.528	47.679	-0.849
50	183	47.741	46.207	-1.534
50	186	45.999	44.729	-1.269
100	95	48.457	45.847	-2.610
100	102	47.612	44.408	-3.204
100	104	47.956	45.059	-2.896
100	105	47.970	44.833	-3.137
100	106	48.245	44.822	-3.423
100	178	47.401	44.633	-2.767
100	179	48.262	45.085	-3.176
100	180	48.797	45.661	-3.136
100	181	48.158	44.796	-3.363
100	182	47.316	44.523	-2.793
Max		49.349	49.349	2.677
Average		47.614	46.633	-0.980
Min		45.427	44.041	-3.423
Std Dev		1.172	1.479	1.339



96.3 DLH Dead Time Large 500kHz

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	49.349	45.766	45.728	45.632	44.041	44.408
Average	49.349	46.868	48.018	47.077	45.965	44.967
Max	49.349	48.724	48.995	48.085	47.679	45.847
UL	59.000	59.000	59.000	59.000	59.000	59.000

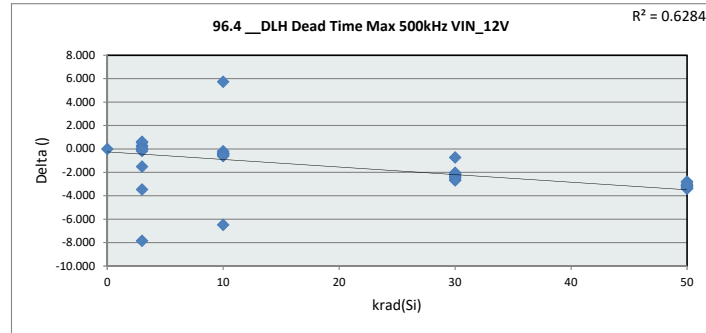


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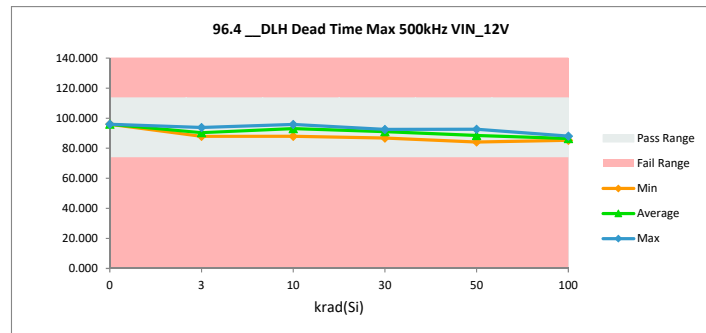
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96.4 __DLH Dead Time Max 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	95.992	95.992	0.000
3	58	93.518	93.766	0.248
3	59	89.299	89.842	0.542
3	60	92.059	92.333	0.274
3	61	88.611	89.214	0.603
3	62	88.499	88.568	0.069
3	134	95.785	87.930	-7.854
3	137	89.438	87.933	-1.506
3	138	88.125	87.955	-0.170
3	139	92.441	92.420	-0.021
3	236	96.964	93.495	-3.469
10	63	95.533	95.339	-0.194
10	64	96.278	95.853	-0.425
10	65	95.508	95.157	-0.351
10	66	88.296	87.931	-0.365
10	150	95.300	94.849	-0.451
10	237	87.746	93.484	5.739
10	241	94.404	87.924	-6.480
10	242	94.809	94.400	-0.409
10	243	92.990	92.396	-0.593
10	244	93.903	93.315	-0.588
30	141	94.273	92.205	-2.068
30	144	94.247	92.080	-2.167
30	145	89.263	86.788	-2.476
30	146	94.225	91.890	-2.335
30	147	93.533	91.496	-2.037
30	132	94.775	92.554	-2.221
30	133	93.704	91.259	-2.445
30	135	87.947	87.220	-0.727
30	245	94.937	92.248	-2.689
30	246	94.675	92.019	-2.657
50	67	87.531	84.165	-3.366
50	68	94.147	91.039	-3.108
50	69	94.148	91.024	-3.124
50	71	87.828	84.436	-3.392
50	72	91.886	88.640	-3.246
50	172	88.695	85.888	-2.806
50	173	94.084	90.944	-3.139
50	174	95.409	92.607	-2.802
50	183	93.854	90.605	-3.249
50	186	88.240	85.227	-3.013
100	95	94.418	87.726	-6.692
100	102	92.834	85.574	-7.260
100	104	93.491	86.585	-6.906
100	105	93.249	85.743	-7.506
100	106	93.982	85.998	-7.984
100	178	91.462	85.242	-6.221
100	179	94.025	87.426	-6.599
100	180	94.950	88.038	-6.912
100	181	93.543	86.408	-7.136
100	182	91.984	85.776	-6.208
Max		96.964	95.992	5.739
Average		92.683	89.979	-2.704
Min		87.531	84.165	-7.984
Std Dev		2.753	3.347	2.876



96.4 __DLH Dead Time						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	113.5					
Min Limit	74					
krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	95.992	87.930	87.924	86.788	84.165	85.242
Average	95.992	90.346	93.065	90.976	88.458	86.451
Max	95.992	93.766	95.853	92.554	92.607	88.038
UL	113.500	113.500	113.500	113.500	113.500	113.500

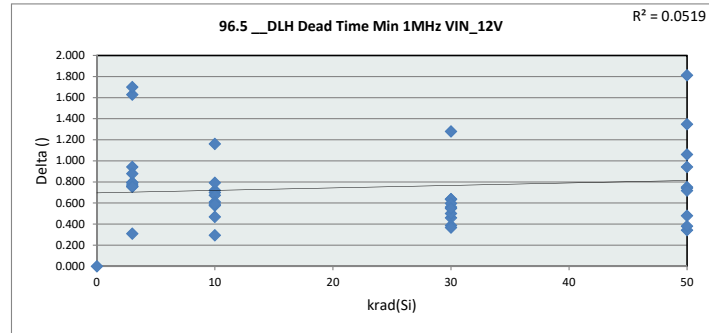


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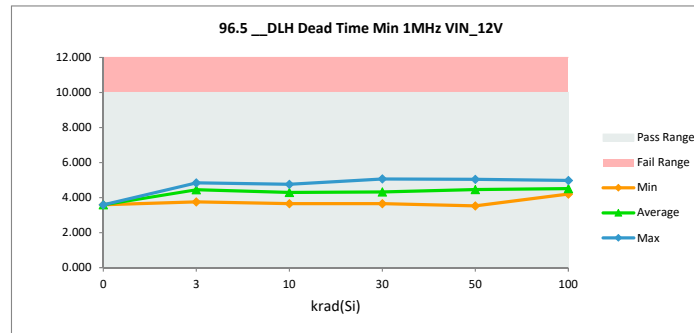
96.5 __DLH Dead Time Min 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.585	3.585	0.000
3	58	3.731	4.526	0.795
3	59	3.284	4.055	0.771
3	60	2.996	3.751	0.755
3	61	3.782	4.573	0.792
3	62	3.363	4.119	0.756
3	134	3.210	4.837	1.628
3	137	3.827	4.769	0.942
3	138	3.913	4.792	0.878
3	139	4.006	4.315	0.309
3	236	2.974	4.674	1.699
10	63	3.639	4.360	0.721
10	64	3.444	4.021	0.577
10	65	3.530	4.229	0.699
10	66	3.660	4.333	0.673
10	150	3.361	3.654	0.293
10	237	3.790	4.582	0.791
10	241	3.594	4.755	1.161
10	242	3.204	3.814	0.610
10	243	3.887	4.475	0.588
10	244	4.187	4.656	0.469
30	141	3.271	3.731	0.460
30	144	3.922	4.559	0.637
30	145	4.272	4.772	0.500
30	146	3.763	4.149	0.386
30	147	3.552	3.919	0.366
30	132	4.012	4.573	0.561
30	133	3.710	4.346	0.635
30	135	3.786	5.064	1.278
30	245	3.780	4.376	0.596
30	246	3.103	3.651	0.548
50	67	3.695	4.446	0.750
50	68	3.052	4.864	1.811
50	69	3.458	4.400	0.943
50	71	3.770	4.512	0.742
50	72	3.052	4.113	1.060
50	172	4.627	4.970	0.343
50	173	3.875	4.353	0.478
50	174	2.970	4.317	1.347
50	183	3.146	3.526	0.381
50	186	4.317	5.034	0.717
100	95	3.803	4.972	1.169
100	102	3.298	4.200	0.902
100	104	3.473	4.595	1.122
100	105	3.332	4.402	1.071
100	106	3.671	4.784	1.113
100	178	3.754	4.479	0.725
100	179	3.641	4.269	0.628
100	180	3.468	4.672	1.205
100	181	3.618	4.403	0.785
100	182	3.441	4.321	0.879
Max		4.627	5.064	1.811
Average		3.600	4.385	0.785
Min		2.970	3.526	0.000
Std Dev		0.361	0.390	0.363



96.5 __DLH Dead Time Min 1MHz		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.585	3.751	3.654	3.651	3.527	4.200
Average	3.585	4.441	4.288	4.314	4.454	4.510
Max	3.585	4.837	4.755	5.064	5.034	4.972
UL	10.000	10.000	10.000	10.000	10.000	10.000



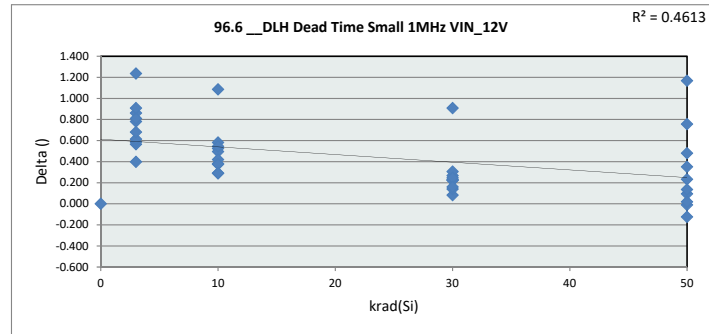
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96.6 __DLH Dead Time Small 1M

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

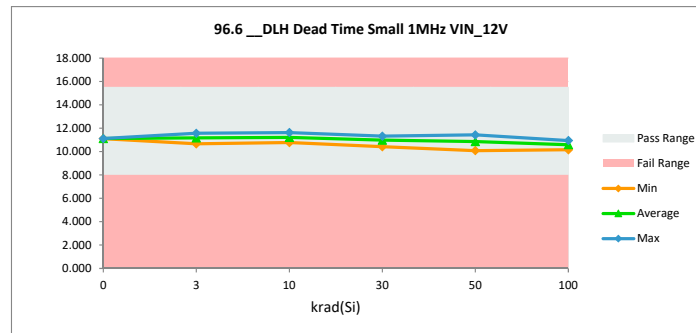
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	11.109	11.109	0.000
3	58	10.919	11.485	0.566
3	59	9.983	10.764	0.781
3	60	10.070	10.656	0.586
3	61	10.497	11.110	0.613
3	62	10.116	10.797	0.681
3	134	10.510	11.371	0.861
3	137	10.382	11.191	0.809
3	138	10.419	11.327	0.908
3	139	11.005	11.403	0.398
3	236	10.328	11.564	1.236
10	63	10.779	11.305	0.526
10	64	10.706	11.087	0.381
10	65	10.822	11.318	0.495
10	66	10.441	11.022	0.581
10	150	10.486	10.777	0.291
10	237	10.410	11.496	1.086
10	241	10.675	11.220	0.545
10	242	10.403	10.823	0.420
10	243	11.074	11.450	0.376
10	244	11.341	11.632	0.291
30	141	10.314	10.540	0.226
30	144	11.024	11.254	0.230
30	145	10.953	11.221	0.268
30	146	10.813	10.894	0.082
30	147	10.539	10.679	0.140
30	132	11.007	11.313	0.306
30	133	10.847	11.069	0.222
30	135	10.405	11.312	0.908
30	245	10.883	11.129	0.246
30	246	10.248	10.408	0.159
50	67	10.385	10.479	0.095
50	68	10.264	11.432	1.168
50	69	10.588	10.939	0.351
50	71	10.287	10.520	0.233
50	72	10.167	10.648	0.481
50	172	11.325	11.315	-0.010
50	173	11.089	11.107	0.018
50	174	10.211	10.968	0.757
50	183	10.205	10.080	-0.125
50	186	10.925	11.059	0.135
100	95	10.960	10.946	-0.014
100	102	10.392	10.155	-0.236
100	104	10.685	10.707	0.022
100	105	10.507	10.471	-0.035
100	106	10.897	10.688	-0.209
100	178	10.785	10.782	-0.002
100	179	10.775	10.414	-0.361
100	180	10.773	10.838	0.065
100	181	10.729	10.492	-0.237
100	182	10.480	10.369	-0.111
Max		11.341	11.632	1.236
Average		10.626	10.963	0.337
Min		9.983	10.080	-0.361
Std Dev		0.331	0.384	0.378



96.6 __DLH Dead Time Small 1M

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	11.109	10.656	10.777	10.408	10.080	10.155
Average	11.109	11.167	11.213	10.982	10.855	10.586
Max	11.109	11.564	11.632	11.313	11.432	10.946
UL	15.500	15.500	15.500	15.500	15.500	15.500

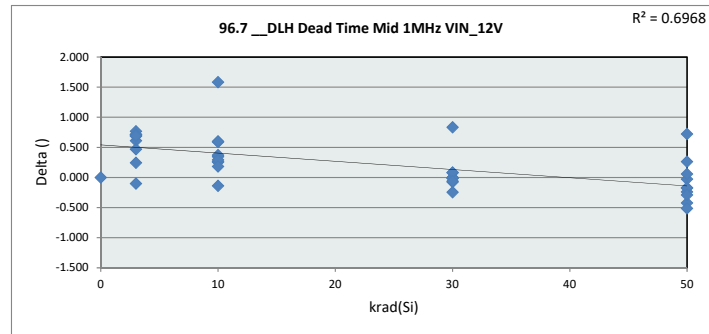


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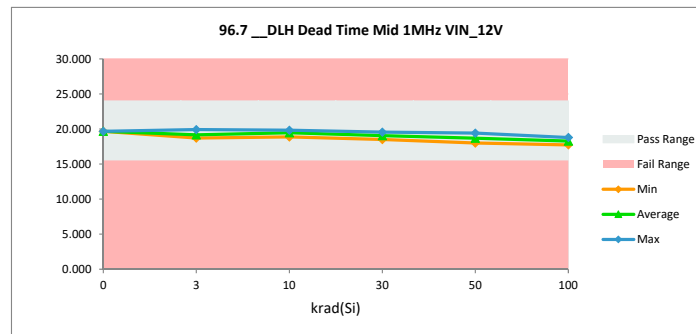
96.7 __DLH Dead Time Mid 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	19.671	19.671	0.000
3	58	19.206	19.922	0.716
3	59	17.967	18.733	0.766
3	60	18.406	19.112	0.707
3	61	18.395	19.007	0.612
3	62	18.025	18.733	0.708
3	134	19.050	18.949	-0.100
3	137	18.318	19.006	0.688
3	138	18.230	18.700	0.470
3	139	19.340	19.584	0.244
3	236	19.096	19.786	0.690
10	63	19.235	19.825	0.590
10	64	19.262	19.607	0.345
10	65	19.372	19.632	0.261
10	66	18.418	19.019	0.601
10	150	18.871	19.242	0.372
10	237	18.241	19.823	1.582
10	241	18.997	18.860	-0.138
10	242	19.042	19.299	0.258
10	243	19.315	19.608	0.293
10	244	19.549	19.731	0.182
30	141	18.738	18.734	-0.004
30	144	19.359	19.350	-0.010
30	145	18.838	18.918	0.080
30	146	19.200	19.197	-0.003
30	147	18.855	18.845	-0.010
30	132	19.474	19.556	0.082
30	133	19.163	19.088	-0.075
30	135	18.309	19.142	0.834
30	245	19.252	19.189	-0.063
30	246	18.744	18.501	-0.243
50	67	18.274	18.102	-0.172
50	68	18.682	19.403	0.721
50	69	19.003	18.976	-0.027
50	71	18.229	17.991	-0.238
50	72	18.529	18.587	0.058
50	172	19.066	18.894	-0.172
50	173	19.576	19.155	-0.422
50	174	18.912	19.175	0.263
50	183	18.596	18.084	-0.512
50	186	18.843	18.552	-0.291
100	95	19.369	18.786	-0.583
100	102	18.799	17.735	-1.063
100	104	19.152	18.389	-0.762
100	105	19.073	18.301	-0.772
100	106	19.304	18.437	-0.867
100	178	19.005	18.223	-0.781
100	179	19.166	18.229	-0.937
100	180	19.334	18.449	-0.885
100	181	19.150	18.221	-0.929
100	182	18.772	17.988	-0.784
Max		19.671	19.922	1.582
Average		18.917	18.942	0.025
Min		17.967	17.735	-1.063
Std Dev		0.431	0.559	0.576



96.7 __DLH Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24	
Min Limit	15.5	

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	19.672	18.700	18.860	18.501	17.991	17.735
Average	19.672	19.153	19.465	19.052	18.692	18.276
Max	19.672	19.922	19.825	19.556	19.403	18.786
UL	24.000	24.000	24.000	24.000	24.000	24.000

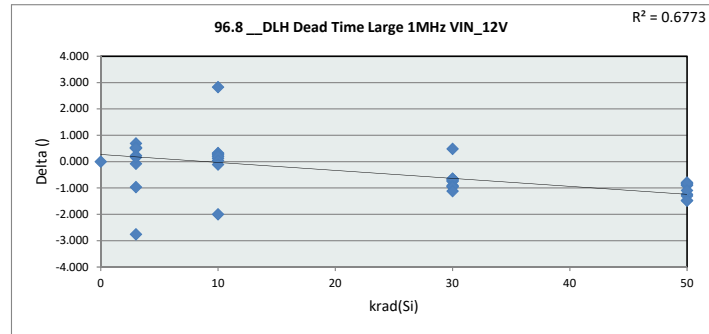


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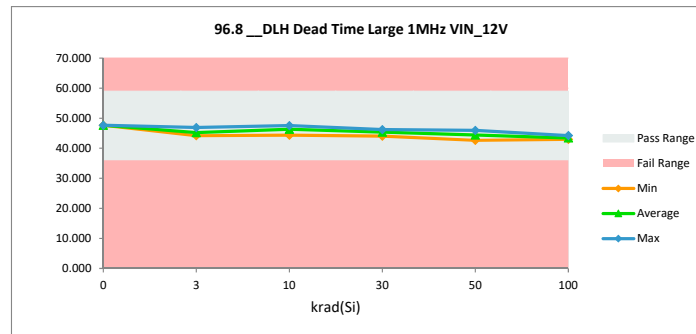
96.8 __DLH Dead Time Large 1M		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	47.636	47.636	0.000
3	58	46.371	46.884	0.513
3	59	44.002	44.696	0.693
3	60	45.349	45.884	0.535
3	61	44.110	44.616	0.506
3	62	43.846	44.368	0.522
3	134	46.951	44.193	-2.758
3	137	44.351	44.269	-0.083
3	138	44.012	44.239	0.227
3	139	46.084	46.250	0.166
3	236	47.388	46.419	-0.970
10	63	46.806	47.099	0.294
10	64	47.057	47.180	0.123
10	65	47.189	47.517	0.328
10	66	44.096	44.365	0.269
10	150	46.595	46.805	0.210
10	237	43.625	46.454	2.829
10	241	46.321	44.320	-2.001
10	242	46.611	46.797	0.185
10	243	46.257	46.291	0.034
10	244	46.586	46.472	-0.113
30	141	46.229	45.579	-0.650
30	144	46.600	45.853	-0.747
30	145	44.750	44.024	-0.726
30	146	46.437	45.533	-0.904
30	147	46.053	45.368	-0.685
30	132	46.845	46.196	-0.649
30	133	46.398	45.452	-0.946
30	135	43.765	44.249	0.484
30	245	46.629	45.676	-0.953
30	246	46.417	45.301	-1.116
50	67	43.932	42.629	-1.303
50	68	46.366	45.577	-0.789
50	69	46.411	45.173	-1.238
50	71	43.938	43.038	-0.899
50	72	45.345	44.461	-0.883
50	172	44.580	43.743	-0.837
50	173	46.862	45.388	-1.474
50	174	46.758	45.938	-0.820
50	183	45.964	44.488	-1.476
50	186	44.483	43.388	-1.095
100	95	46.663	44.215	-2.449
100	102	45.868	42.945	-2.922
100	104	46.310	43.537	-2.773
100	105	46.267	43.059	-3.207
100	106	46.530	43.395	-3.135
100	178	45.552	43.111	-2.441
100	179	46.426	43.622	-2.805
100	180	47.001	44.137	-2.864
100	181	46.487	43.222	-3.265
100	182	45.465	43.009	-2.456
Max		47.636	47.636	2.829
Average		45.854	44.982	-0.873
Min		43.625	42.629	-3.265
Std Dev		1.130	1.367	1.293



96.8 __DLH Dead Time Large 1M		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	59	
Min Limit	36	

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	47.636	44.193	44.320	44.024	42.629	42.945
Average	47.636	45.182	46.330	45.323	44.382	43.425
Max	47.636	46.885	47.517	46.196	45.938	44.215
UL	59.000	59.000	59.000	59.000	59.000	59.000

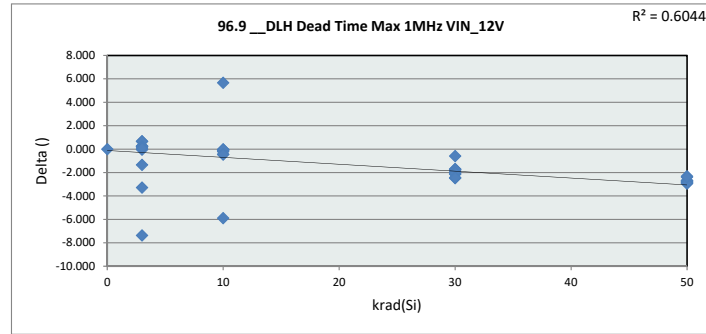


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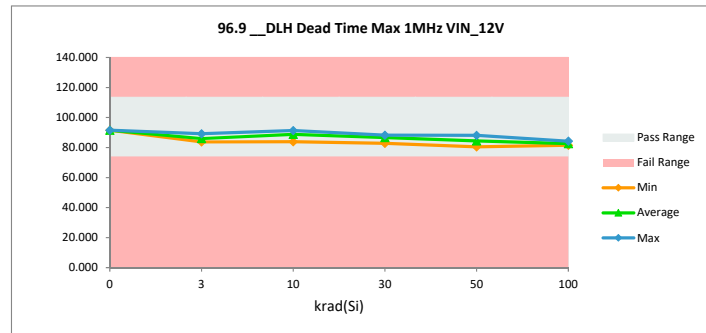
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96.9 __DLH Dead Time Max 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	91.542	91.542	0.000
3	58	88.871	89.134	0.263
3	59	84.859	85.528	0.669
3	60	87.528	87.744	0.216
3	61	84.262	84.933	0.671
3	62	84.053	84.292	0.240
3	134	91.156	83.790	-7.366
3	137	85.193	83.842	-1.351
3	138	83.764	83.718	-0.047
3	139	87.763	87.856	0.093
3	236	92.420	89.137	-3.284
10	63	90.823	90.755	-0.069
10	64	91.418	91.344	-0.074
10	65	90.889	90.680	-0.209
10	66	84.039	83.961	-0.078
10	150	90.526	90.462	-0.064
10	237	83.452	89.123	5.671
10	241	89.704	83.816	-5.888
10	242	90.117	90.101	-0.016
10	243	88.375	87.930	-0.445
10	244	89.238	88.787	-0.451
30	141	89.612	87.909	-1.703
30	144	89.483	87.754	-1.729
30	145	84.911	82.772	-2.138
30	146	89.653	87.545	-2.108
30	147	88.915	87.043	-1.873
30	132	89.998	88.224	-1.774
30	133	88.992	86.975	-2.016
30	135	83.685	83.086	-0.600
30	245	90.159	87.675	-2.484
30	246	89.947	87.513	-2.434
50	67	83.359	80.422	-2.937
50	68	89.595	86.762	-2.833
50	69	89.482	86.798	-2.684
50	71	83.544	80.800	-2.745
50	72	87.368	84.587	-2.781
50	172	84.395	82.078	-2.317
50	173	89.402	86.564	-2.838
50	174	90.753	88.074	-2.679
50	183	89.262	86.343	-2.919
50	186	83.915	81.534	-2.381
100	95	89.702	83.774	-5.928
100	102	88.314	81.573	-6.741
100	104	89.027	82.773	-6.254
100	105	88.617	81.843	-6.774
100	106	89.365	82.150	-7.215
100	178	86.846	81.499	-5.347
100	179	89.348	83.385	-5.963
100	180	90.223	84.237	-5.986
100	181	89.027	82.501	-6.526
100	182	87.409	82.003	-5.405
Max		92.420	91.542	5.671
Average		88.124	85.778	-2.346
Min		83.359	80.422	-7.366
Std Dev		2.609	3.100	2.668



96.9 __DLH Dead Time						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	113.5					
Min Limit	74					
krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	91.542	83.718	83.816	82.772	80.422	81.499
Average	91.542	85.997	88.696	86.650	84.396	82.574
Max	91.542	89.137	91.344	88.224	88.074	84.237
UL	113.500	113.500	113.500	113.500	113.500	113.500

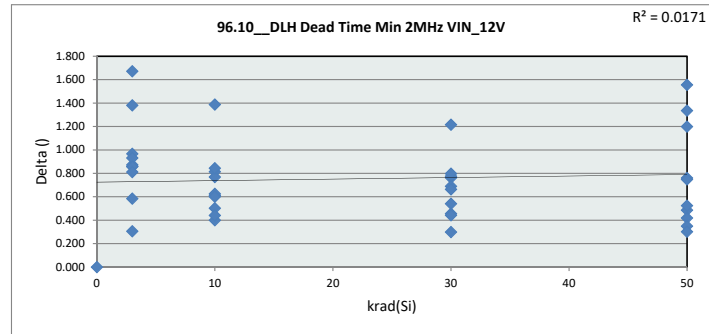


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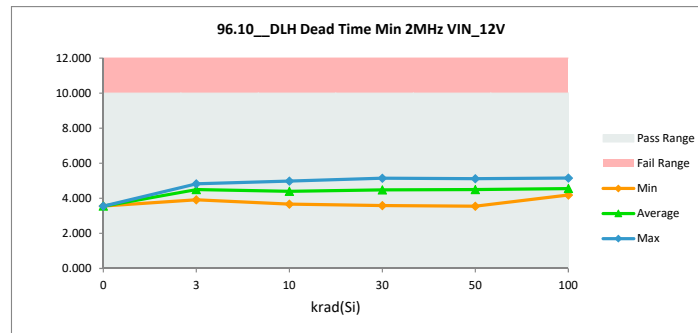
96.10 DLH Dead Time Min 2MH		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.553	3.553	0.000
3	58	3.824	4.697	0.873
3	59	3.358	4.324	0.966
3	60	3.058	3.916	0.859
3	61	3.933	4.516	0.584
3	62	3.395	4.326	0.932
3	134	3.332	4.713	1.380
3	137	3.849	4.706	0.857
3	138	4.013	4.824	0.811
3	139	4.077	4.383	0.306
3	236	2.924	4.595	1.671
10	63	3.756	4.368	0.612
10	64	3.516	4.330	0.814
10	65	3.550	4.319	0.769
10	66	3.777	4.621	0.844
10	150	3.394	3.793	0.399
10	237	3.934	4.559	0.626
10	241	3.591	4.978	1.387
10	242	3.161	3.663	0.502
10	243	3.946	4.546	0.600
10	244	4.338	4.779	0.441
30	141	3.335	4.098	0.762
30	144	4.023	4.798	0.775
30	145	4.391	5.081	0.689
30	146	3.844	4.507	0.663
30	147	3.605	4.145	0.541
30	132	4.029	4.826	0.797
30	133	3.922	4.221	0.299
30	135	3.933	5.148	1.215
30	245	3.946	4.402	0.455
30	246	3.141	3.583	0.442
50	67	3.886	4.371	0.485
50	68	3.254	4.810	1.556
50	69	3.643	4.403	0.760
50	71	3.868	4.616	0.748
50	72	3.154	4.352	1.199
50	172	4.698	5.117	0.419
50	173	3.969	4.318	0.349
50	174	3.095	4.430	1.335
50	183	3.247	3.549	0.302
50	186	4.444	4.968	0.524
100	95	3.776	5.155	1.379
100	102	3.404	4.254	0.851
100	104	3.585	4.710	1.125
100	105	3.441	4.458	1.016
100	106	3.866	4.892	1.026
100	178	3.825	4.366	0.541
100	179	3.878	4.404	0.527
100	180	3.678	4.648	0.969
100	181	3.649	4.488	0.838
100	182	3.512	4.189	0.677
Max		4.698	5.155	1.671
Average		3.692	4.467	0.774
Min		2.924	3.549	0.000
Std Dev		0.376	0.395	0.351



96.10 DLH Dead Time Min 2MHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.553	3.916	3.663	3.583	3.549	4.189
Average	3.553	4.500	4.396	4.481	4.493	4.556
Max	3.553	4.824	4.978	5.148	5.117	5.155
UL	10.000	10.000	10.000	10.000	10.000	10.000



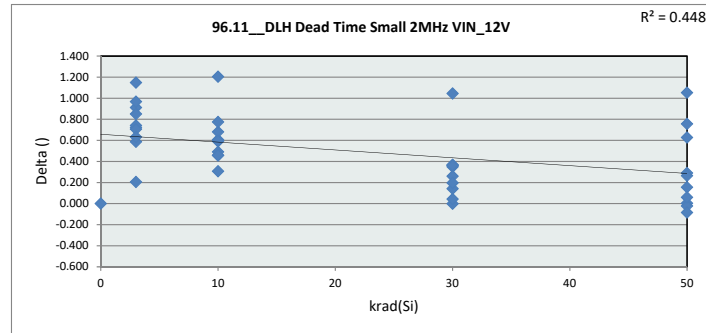
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96.11 DLH Dead Time Small 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

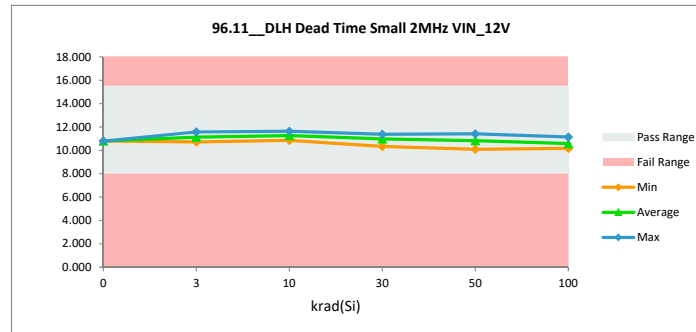
krad(Si)	Serial #	pre_short (rtp)	ST_Combo (rpt)	Delta
0	Ctrl	10.793	10.793	0.000
3	58	10.852	11.574	0.722
3	59	10.006	10.918	0.912
3	60	10.089	10.829	0.741
3	61	10.506	11.093	0.587
3	62	10.014	10.720	0.706
3	134	10.463	11.095	0.632
3	137	10.321	11.289	0.968
3	138	10.356	11.207	0.851
3	139	10.938	11.143	0.205
3	236	10.274	11.423	1.149
10	63	10.755	11.246	0.491
10	64	10.677	11.269	0.591
10	65	10.657	11.264	0.606
10	66	10.422	11.103	0.681
10	150	10.393	10.852	0.459
10	237	10.368	11.572	1.204
10	241	10.599	11.373	0.774
10	242	10.366	10.962	0.595
10	243	10.961	11.418	0.457
10	244	11.328	11.636	0.308
30	141	10.248	10.598	0.350
30	144	11.008	11.373	0.365
30	145	10.920	11.288	0.368
30	146	10.806	11.066	0.260
30	147	10.520	10.662	0.142
30	132	11.015	11.377	0.362
30	133	10.816	10.815	-0.001
30	135	10.327	11.372	1.045
30	245	10.851	10.894	0.043
30	246	10.137	10.333	0.196
50	67	10.404	10.408	0.004
50	68	10.268	11.321	1.053
50	69	10.536	10.827	0.291
50	71	10.234	10.499	0.265
50	72	10.082	10.709	0.627
50	172	11.256	11.411	0.155
50	173	11.039	11.017	-0.022
50	174	10.185	10.941	0.756
50	183	10.173	10.088	-0.084
50	186	10.916	10.975	0.060
100	95	10.902	11.141	0.239
100	102	10.413	10.171	-0.242
100	104	10.666	10.801	0.135
100	105	10.455	10.448	-0.007
100	106	10.866	10.693	-0.173
100	178	10.697	10.481	-0.216
100	179	10.791	10.467	-0.324
100	180	10.704	10.842	0.138
100	181	10.637	10.439	-0.197
100	182	10.413	10.369	-0.044
Max		11.328	11.636	1.204
Average		10.577	10.953	0.376
Min		10.006	10.088	-0.324
Std Dev		0.324	0.388	0.392



96.11 DLH Dead Time Small 2MHz

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	10.794	10.720	10.852	10.333	10.088	10.171
Average	10.794	11.129	11.269	10.978	10.820	10.585
Max	10.794	11.574	11.636	11.377	11.411	11.141
UL	15.500	15.500	15.500	15.500	15.500	15.500

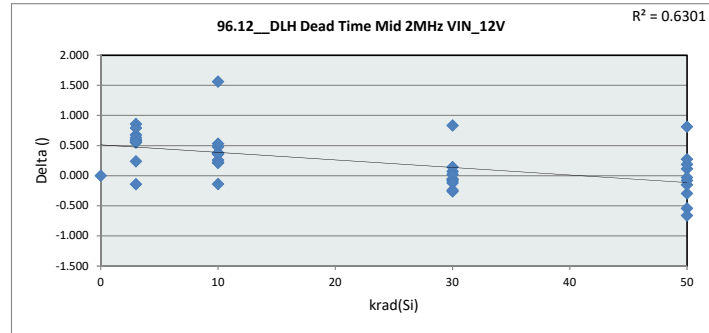


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96.12 DLH Dead Time Mid 2MH		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

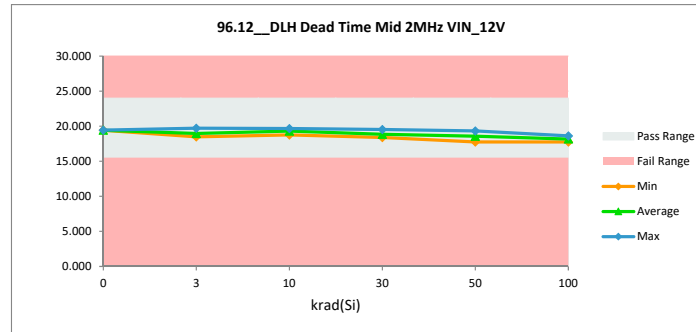
krad(Si)	Serial #	pre_short (rtp)	ST_Combo (rpt)	Delta
0	Ctrl	19.433	19.433	0.000
3	58	19.038	19.640	0.602
3	59	17.788	18.465	0.677
3	60	18.309	18.860	0.551
3	61	18.306	18.883	0.577
3	62	17.857	18.490	0.633
3	134	18.804	18.663	-0.141
3	137	18.054	18.622	0.568
3	138	18.006	18.863	0.857
3	139	19.029	19.268	0.240
3	236	18.917	19.709	0.792
10	63	19.175	19.653	0.478
10	64	19.135	19.396	0.261
10	65	19.043	19.422	0.379
10	66	18.222	18.753	0.531
10	150	18.766	19.129	0.363
10	237	18.104	19.666	1.561
10	241	18.890	18.751	-0.139
10	242	18.920	19.133	0.213
10	243	19.198	19.557	0.359
10	244	19.351	19.574	0.223
30	141	18.536	18.608	0.072
30	144	19.279	19.212	-0.067
30	145	18.753	18.492	-0.261
30	146	18.999	18.913	-0.086
30	147	18.687	18.633	-0.054
30	132	19.383	19.526	0.144
30	133	18.921	18.941	0.020
30	135	18.012	18.847	0.835
30	245	19.168	18.928	-0.239
30	246	18.497	18.377	-0.120
50	67	18.048	17.753	-0.296
50	68	18.509	19.321	0.812
50	69	18.852	18.965	0.113
50	71	18.105	17.953	-0.152
50	72	18.322	18.509	0.187
50	172	18.915	18.834	-0.081
50	173	19.437	18.894	-0.542
50	174	18.743	19.017	0.274
50	183	18.522	17.861	-0.661
50	186	18.576	18.547	-0.029
100	95	19.236	18.621	-0.616
100	102	18.670	17.753	-0.916
100	104	18.954	18.501	-0.453
100	105	18.798	17.959	-0.838
100	106	19.045	18.187	-0.858
100	178	18.878	18.179	-0.699
100	179	19.078	18.125	-0.953
100	180	19.121	18.532	-0.589
100	181	18.921	18.074	-0.847
100	182	18.567	17.830	-0.737
Max		19.437	19.709	1.561
Average		18.743	18.781	0.038
Min		17.788	17.753	-0.953
Std Dev		0.438	0.548	0.556



96.12 DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	19.433	18.465	18.751	18.377	17.753	17.753
Average	19.433	18.946	19.304	18.848	18.565	18.176
Max	19.433	19.709	19.666	19.526	19.321	18.621
UL	24.000	24.000	24.000	24.000	24.000	24.000



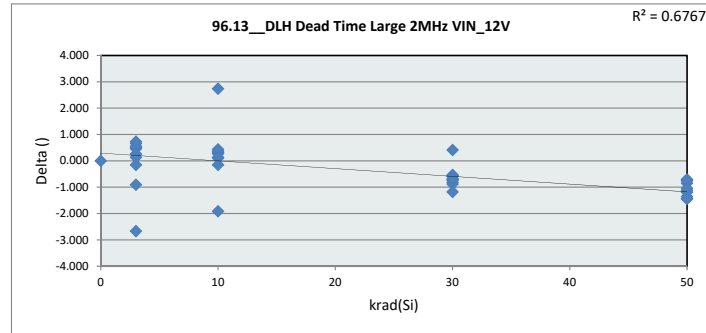
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96.13 DLH Dead Time Large 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

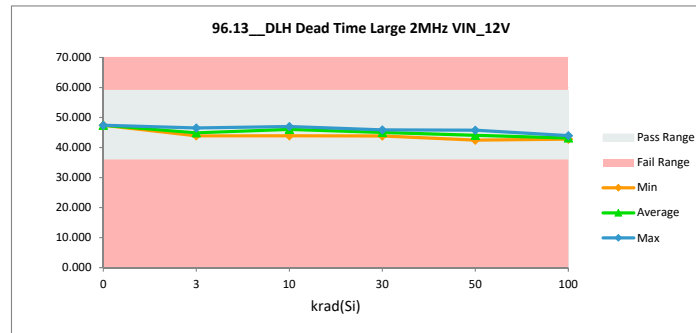
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	47.406	47.406	0.000
3	58	46.011	46.474	0.463
3	59	43.622	44.283	0.661
3	60	45.056	45.573	0.517
3	61	43.826	44.380	0.554
3	62	43.575	44.300	0.725
3	134	46.695	44.029	-2.665
3	137	44.060	43.905	-0.155
3	138	43.610	43.868	0.257
3	139	45.699	45.832	0.133
3	236	47.132	46.224	-0.907
10	63	46.525	46.848	0.323
10	64	46.650	46.921	0.272
10	65	46.665	46.966	0.301
10	66	43.747	44.113	0.367
10	150	46.092	46.526	0.434
10	237	43.417	46.158	2.740
10	241	45.782	43.870	-1.912
10	242	46.372	46.478	0.106
10	243	45.945	46.075	0.130
10	244	46.283	46.131	-0.152
30	141	45.811	45.068	-0.743
30	144	46.221	45.409	-0.813
30	145	44.390	43.855	-0.535
30	146	46.097	45.217	-0.880
30	147	45.654	45.065	-0.589
30	132	46.442	45.884	-0.559
30	133	45.994	45.294	-0.699
30	135	43.506	43.919	0.413
30	245	46.205	45.525	-0.680
30	246	46.089	44.907	-1.182
50	67	43.567	42.450	-1.117
50	68	46.006	45.245	-0.761
50	69	46.031	44.674	-1.357
50	71	43.722	42.527	-1.194
50	72	44.912	44.058	-0.854
50	172	44.253	43.542	-0.711
50	173	46.515	45.075	-1.441
50	174	46.481	45.771	-0.710
50	183	45.643	44.210	-1.433
50	186	44.099	43.053	-1.046
100	95	46.365	43.920	-2.445
100	102	45.674	42.767	-2.906
100	104	45.946	43.156	-2.791
100	105	45.799	42.857	-2.942
100	106	46.082	43.156	-2.926
100	178	45.179	42.897	-2.282
100	179	46.026	43.415	-2.611
100	180	46.536	43.966	-2.569
100	181	46.048	42.751	-3.298
100	182	45.230	42.859	-2.371
Max		47.406	47.406	2.740
Average		45.504	44.683	-0.820
Min		43.417	42.450	-3.298
Std Dev		1.111	1.352	1.260



96.13 DLH Dead Time Large 2MHz VIN_12V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	47.406	43.868	43.870	43.855	42.450	42.751
Average	47.406	44.887	46.009	45.014	44.060	43.174
Max	47.406	46.474	46.966	45.884	45.771	43.966
UL	59.000	59.000	59.000	59.000	59.000	59.000

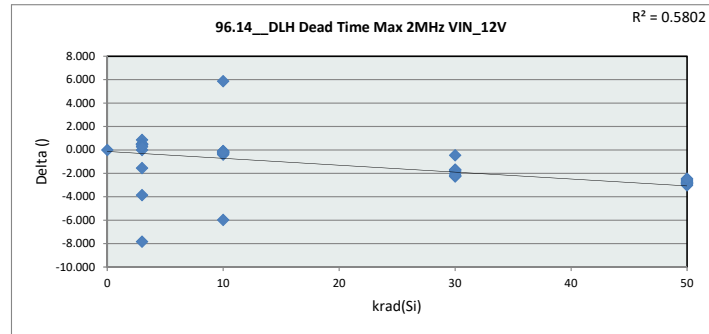


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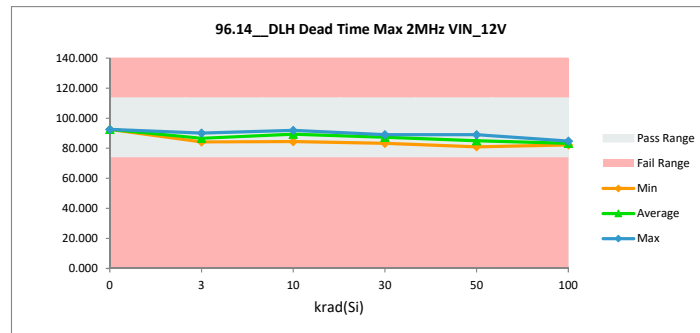
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96.14 DLH Dead Time Max 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	92.506	92.506	0.000
3	58	89.515	90.011	0.496
3	59	85.363	86.224	0.861
3	60	88.189	88.700	0.511
3	61	84.976	85.465	0.489
3	62	84.570	85.019	0.448
3	134	92.039	84.208	-7.831
3	137	85.698	84.149	-1.549
3	138	84.190	84.186	-0.005
3	139	88.313	88.574	0.261
3	236	93.335	89.480	-3.855
10	63	91.567	91.415	-0.152
10	64	92.248	91.842	-0.406
10	65	91.657	91.413	-0.245
10	66	84.663	84.563	-0.101
10	150	91.191	91.084	-0.107
10	237	83.835	89.701	5.866
10	241	90.382	84.408	-5.974
10	242	91.004	90.792	-0.212
10	243	89.032	88.726	-0.305
10	244	89.820	89.578	-0.242
30	141	90.198	88.510	-1.688
30	144	90.163	88.451	-1.712
30	145	85.441	83.206	-2.235
30	146	90.451	88.231	-2.219
30	147	89.583	87.741	-1.842
30	132	90.724	88.993	-1.732
30	133	89.718	87.674	-2.043
30	135	84.082	83.628	-0.453
30	245	90.691	88.427	-2.264
30	246	90.556	88.376	-2.180
50	67	83.770	80.995	-2.775
50	68	90.273	87.253	-3.020
50	69	90.137	87.219	-2.919
50	71	84.098	81.216	-2.882
50	72	88.031	85.318	-2.713
50	172	84.932	82.482	-2.450
50	173	90.130	87.353	-2.777
50	174	91.559	88.954	-2.605
50	183	89.948	87.085	-2.863
50	186	84.462	81.961	-2.502
100	95	90.381	84.508	-5.873
100	102	89.112	82.366	-6.746
100	104	89.797	83.619	-6.178
100	105	89.356	82.422	-6.934
100	106	90.126	83.047	-7.079
100	178	87.481	82.146	-5.335
100	179	89.951	83.968	-5.982
100	180	90.836	84.743	-6.093
100	181	89.708	83.207	-6.501
100	182	88.131	82.604	-5.527
Max		93.335	92.506	5.866
Average		88.783	86.426	-2.356
Min		83.770	80.995	-7.831
Std Dev		2.710	3.156	2.722



96.14 DLH Dead Time						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	113.5					
Min Limit	74					
krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	92.506	84.149	84.408	83.206	80.995	82.146
Average	92.506	86.602	89.352	87.324	84.984	83.263
Max	92.506	90.011	91.842	88.993	88.954	84.743
UL	113.500	113.500	113.500	113.500	113.500	113.500

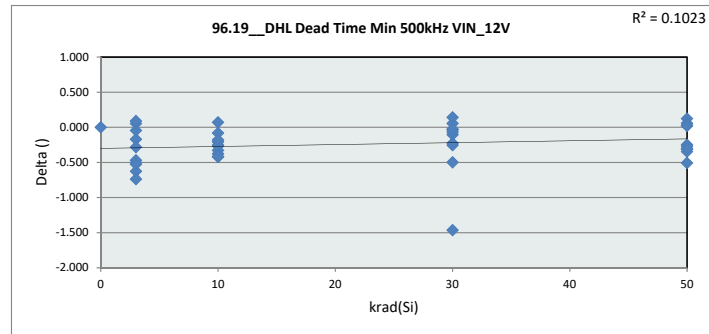


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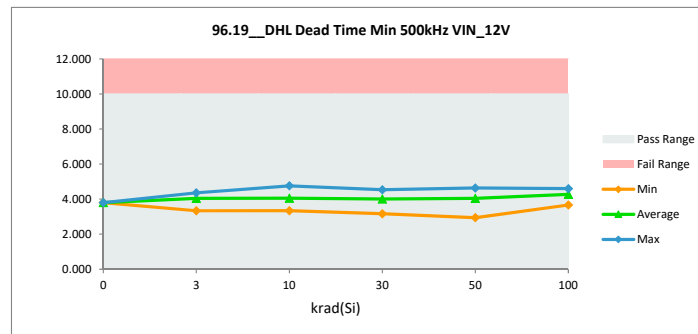
96.19 DHL Dead Time Min 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.801	3.801	0.000
3	58	4.574	3.949	-0.625
3	59	4.790	4.286	-0.503
3	60	4.735	4.266	-0.468
3	61	3.926	3.401	-0.525
3	62	4.072	3.334	-0.738
3	134	4.408	4.364	-0.044
3	137	4.345	4.175	-0.170
3	138	4.034	4.086	0.052
3	139	4.499	4.218	-0.281
3	236	4.212	4.300	0.088
10	63	4.775	4.356	-0.420
10	64	4.295	3.968	-0.326
10	65	4.445	4.067	-0.378
10	66	3.593	3.340	-0.254
10	150	4.841	4.760	-0.082
10	237	4.586	4.377	-0.209
10	241	4.512	4.096	-0.415
10	242	4.367	4.101	-0.267
10	243	3.452	3.523	0.071
10	244	4.087	3.908	-0.179
30	141	4.184	4.240	0.056
30	144	4.071	4.033	-0.038
30	145	3.985	3.487	-0.499
30	146	4.068	3.964	-0.104
30	147	4.792	4.536	-0.255
30	132	3.785	3.926	0.141
30	133	4.547	4.478	-0.068
30	135	4.629	3.165	-1.464
30	245	4.013	3.786	-0.227
30	246	4.409	4.385	-0.024
50	67	4.774	4.503	-0.271
50	68	3.876	4.000	0.124
50	69	4.715	4.403	-0.312
50	71	3.450	2.943	-0.507
50	72	4.547	4.200	-0.346
50	172	4.214	3.965	-0.249
50	173	4.167	4.225	0.058
50	174	4.264	3.962	-0.302
50	183	4.609	4.636	0.027
50	186	3.515	3.536	0.022
100	95	4.789	4.514	-0.275
100	102	4.305	4.282	-0.023
100	104	4.738	4.512	-0.226
100	105	4.073	3.662	-0.411
100	106	4.112	4.169	0.057
100	178	4.433	4.473	0.040
100	179	4.009	4.460	0.451
100	180	4.440	4.597	0.158
100	181	4.363	4.344	-0.019
100	182	3.621	3.695	0.074
Max		4.841	4.760	0.451
Average		4.271	4.074	-0.198
Min		3.450	2.943	-1.464
Std Dev		0.378	0.408	0.298



96.19 DHL Dead Time Min 500kHz		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.801	3.334	3.340	3.165	2.943	3.662
Average	3.801	4.038	4.050	4.000	4.037	4.271
Max	3.801	4.364	4.760	4.536	4.636	4.597
UL	10.000	10.000	10.000	10.000	10.000	10.000

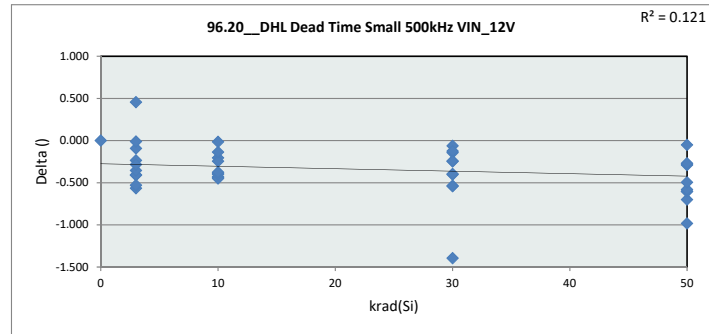


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96.20 DHL Dead Time Small 500kHz VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

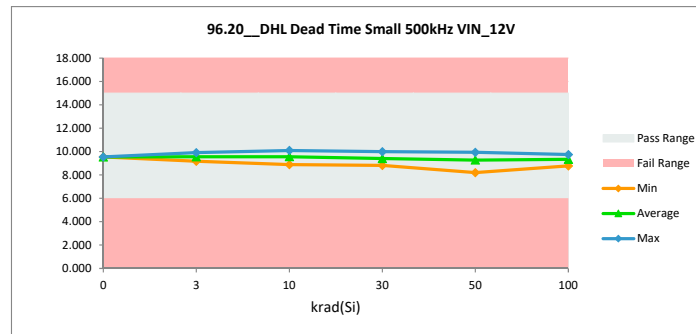
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	9.540	9.540	0.000
3	58	10.166	9.600	-0.566
3	59	10.165	9.755	-0.410
3	60	10.010	9.602	-0.408
3	61	9.526	9.172	-0.354
3	62	9.762	9.233	-0.529
3	134	9.853	9.618	-0.235
3	137	9.625	9.532	-0.093
3	138	9.559	9.548	-0.011
3	139	9.796	9.511	-0.284
3	236	9.454	9.910	0.456
10	63	10.443	10.012	-0.431
10	64	9.965	9.529	-0.436
10	65	9.853	9.466	-0.387
10	66	9.323	8.874	-0.449
10	150	10.114	10.098	-0.016
10	237	10.109	9.904	-0.205
10	241	9.977	9.577	-0.400
10	242	10.009	9.632	-0.376
10	243	9.292	9.046	-0.245
10	244	9.642	9.506	-0.136
30	141	9.512	9.266	-0.246
30	144	9.821	9.284	-0.537
30	145	9.702	9.161	-0.541
30	146	9.592	9.530	-0.062
30	147	10.134	9.733	-0.402
30	132	9.648	9.506	-0.142
30	133	10.117	9.991	-0.126
30	135	10.202	8.807	-1.395
30	245	9.537	9.141	-0.396
30	246	9.816	9.572	-0.244
50	67	10.413	9.808	-0.605
50	68	9.502	9.212	-0.289
50	69	10.208	9.508	-0.701
50	71	9.184	8.201	-0.982
50	72	9.802	9.201	-0.601
50	172	9.645	9.065	-0.580
50	173	9.730	9.451	-0.279
50	174	9.869	9.374	-0.494
50	183	9.993	9.941	-0.052
50	186	9.254	8.985	-0.269
100	95	10.089	9.314	-0.775
100	102	9.879	9.376	-0.503
100	104	10.282	9.487	-0.795
100	105	9.854	8.770	-1.084
100	106	9.746	9.256	-0.490
100	178	9.933	9.603	-0.330
100	179	9.657	9.493	-0.164
100	180	9.986	9.740	-0.246
100	181	9.907	9.365	-0.542
100	182	9.196	8.875	-0.322
Max		10.443	10.098	0.456
Average		9.812	9.425	-0.386
Min		9.184	8.201	-1.395
Std Dev		0.305	0.359	0.298



96.20 DHL Dead Time Small 500kHz VIN_12V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15
Min Limit	6

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.540	9.172	8.874	8.807	8.201	8.770
Average	9.540	9.548	9.564	9.399	9.275	9.328
Max	9.540	9.910	10.098	9.991	9.941	9.740
UL	15.000	15.000	15.000	15.000	15.000	15.000

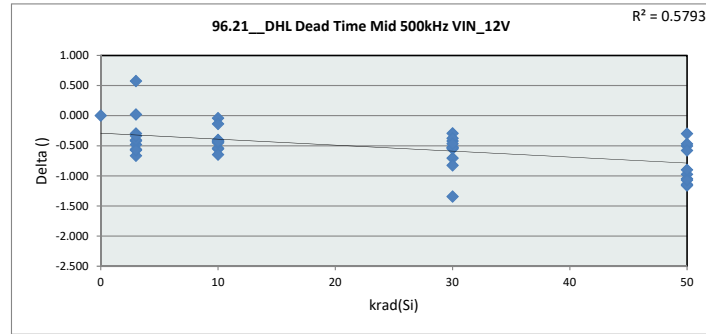


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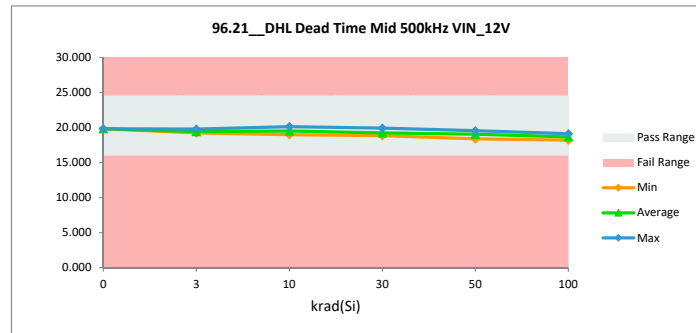
96.21 DHL Dead Time Mid 500k		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	19.822	19.822	0.000
3	58	20.115	19.636	-0.479
3	59	19.778	19.360	-0.418
3	60	19.592	19.296	-0.296
3	61	19.791	19.232	-0.559
3	62	20.157	19.492	-0.666
3	134	19.920	19.349	-0.572
3	137	19.350	19.369	0.019
3	138	19.723	19.318	-0.406
3	139	19.603	19.266	-0.337
3	236	19.185	19.760	0.575
10	63	20.677	20.125	-0.551
10	64	20.061	19.659	-0.402
10	65	19.653	19.112	-0.542
10	66	19.622	18.975	-0.646
10	150	19.866	19.824	-0.042
10	237	20.123	19.673	-0.450
10	241	19.645	19.226	-0.418
10	242	20.125	19.694	-0.431
10	243	19.604	19.466	-0.138
10	244	19.633	19.199	-0.434
30	141	19.255	18.833	-0.422
30	144	19.977	19.272	-0.705
30	145	20.125	19.300	-0.825
30	146	19.713	19.191	-0.522
30	147	19.878	19.331	-0.548
30	132	19.926	19.632	-0.294
30	133	20.275	19.900	-0.376
30	135	20.187	18.843	-1.344
30	245	19.537	19.004	-0.532
30	246	19.459	18.993	-0.465
50	67	20.512	19.538	-0.974
50	68	19.667	19.164	-0.503
50	69	20.260	19.102	-1.159
50	71	19.434	18.386	-1.047
50	72	19.686	18.544	-1.142
50	172	19.490	18.422	-1.069
50	173	19.813	19.513	-0.300
50	174	19.975	19.075	-0.899
50	183	19.952	19.482	-0.470
50	186	19.676	19.097	-0.579
100	95	19.890	18.200	-1.690
100	102	19.917	18.591	-1.327
100	104	20.236	18.822	-1.414
100	105	20.322	18.419	-1.903
100	106	19.868	18.672	-1.196
100	178	20.003	18.961	-1.042
100	179	19.753	18.972	-0.782
100	180	20.027	19.117	-0.909
100	181	19.987	18.619	-1.368
100	182	19.358	18.337	-1.021
Max		20.677	20.125	0.575
Average		19.847	19.180	-0.667
Min		19.185	18.200	-1.903
Std Dev		0.312	0.443	0.459



96.21 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24.5	
Min Limit	16	

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	19.822	19.232	18.975	18.833	18.386	18.200
Average	19.822	19.408	19.495	19.230	19.032	18.671
Max	19.822	19.760	20.125	19.900	19.538	19.117
UL	24.500	24.500	24.500	24.500	24.500	24.500



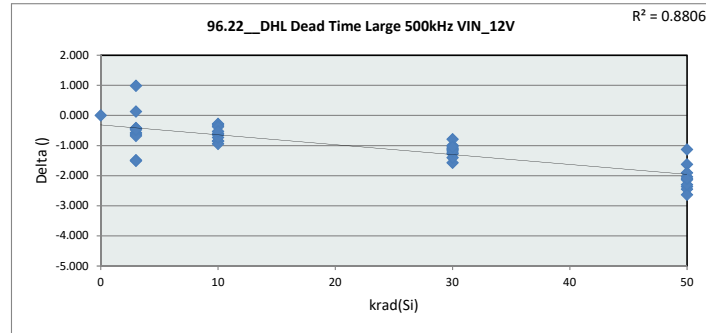
TID HDR Report

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96.22 DHL Dead Time Large 500kHz VIN_12V

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

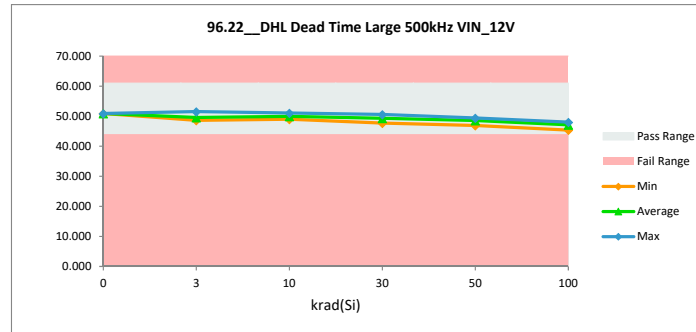
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	50.895	50.895	0.000
3	58	50.597	50.019	-0.578
3	59	49.011	48.591	-0.420
3	60	49.064	48.635	-0.429
3	61	51.093	50.471	-0.622
3	62	52.201	51.524	-0.677
3	134	50.613	49.127	-1.485
3	137	48.994	49.123	0.128
3	138	50.657	49.149	-1.508
3	139	49.464	48.986	-0.478
3	236	48.750	49.738	0.987
10	63	51.882	51.033	-0.849
10	64	51.258	50.662	-0.596
10	65	49.603	48.957	-0.645
10	66	50.893	50.038	-0.855
10	150	49.386	49.069	-0.317
10	237	50.674	49.730	-0.944
10	241	49.459	49.179	-0.280
10	242	50.974	50.245	-0.729
10	243	51.287	50.911	-0.375
10	244	50.088	49.559	-0.529
30	141	48.924	47.678	-1.246
30	144	50.884	49.611	-1.274
30	145	51.848	50.280	-1.568
30	146	50.532	49.436	-1.096
30	147	49.848	48.449	-1.399
30	132	51.546	50.551	-0.995
30	133	51.317	50.182	-1.135
30	135	50.549	49.759	-0.790
30	245	49.984	48.805	-1.179
30	246	49.090	48.047	-1.043
50	67	51.085	49.048	-2.036
50	68	50.546	49.417	-1.129
50	69	50.693	48.332	-2.361
50	71	51.002	48.557	-2.445
50	72	49.521	46.889	-2.633
50	172	49.490	47.357	-2.133
50	173	50.836	49.211	-1.625
50	174	50.792	48.491	-2.301
50	183	50.419	48.516	-1.904
50	186	51.511	49.408	-2.103
100	95	49.585	45.374	-4.211
100	102	50.720	46.995	-3.725
100	104	50.667	47.041	-3.626
100	105	52.145	48.013	-4.132
100	106	51.048	47.636	-3.412
100	178	50.464	47.304	-3.160
100	179	50.549	47.352	-3.198
100	180	50.946	47.554	-3.391
100	181	50.519	46.779	-3.741
100	182	50.268	47.067	-3.201
Max		52.201	51.524	0.987
Average		50.474	48.917	-1.557
Min		48.750	45.374	-4.211
Std Dev		0.870	1.313	1.232



96.22 DHL Dead Time Large 500kHz VIN_12V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	61
Min Limit	44

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	50.895	48.591	48.957	47.678	46.889	45.374
Average	50.895	49.536	49.938	49.280	48.523	47.111
Max	50.895	51.524	51.033	50.551	49.417	48.013
UL	61.000	61.000	61.000	61.000	61.000	61.000

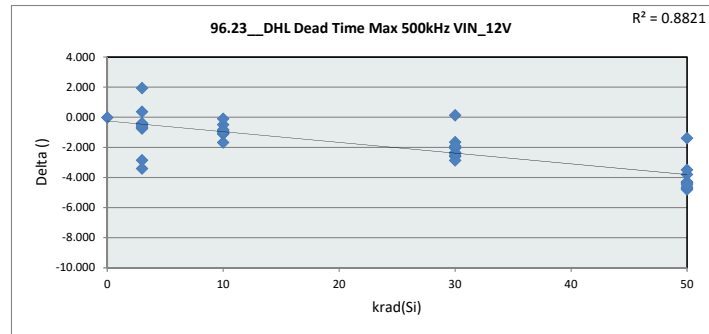


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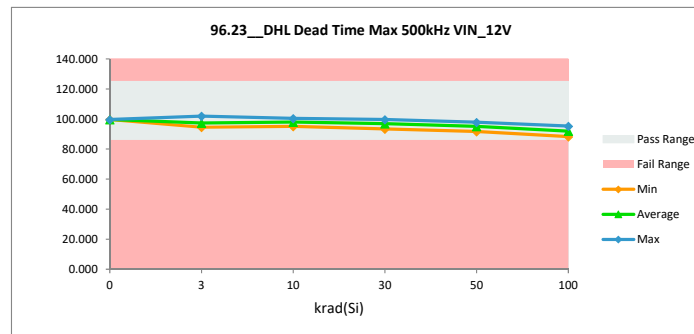
96.23 DHL Dead Time Max 500		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	99.657	99.657	0.000
3	58	98.401	97.738	-0.663
3	59	95.055	94.544	-0.510
3	60	95.782	95.403	-0.380
3	61	100.536	99.812	-0.725
3	62	102.587	101.957	-0.630
3	134	99.327	96.490	-2.837
3	137	96.190	96.581	0.392
3	138	99.890	96.508	-3.382
3	139	97.042	96.622	-0.420
3	236	95.333	97.291	1.959
10	63	100.965	100.067	-0.898
10	64	100.964	100.062	-0.902
10	65	96.843	95.788	-1.055
10	66	99.881	98.800	-1.081
10	150	95.492	95.022	-0.470
10	237	98.853	97.201	-1.652
10	241	96.580	96.504	-0.076
10	242	99.392	98.323	-1.069
10	243	101.231	100.434	-0.798
10	244	98.270	97.341	-0.928
30	141	95.885	93.386	-2.499
30	144	100.028	97.438	-2.590
30	145	102.256	99.418	-2.838
30	146	99.287	96.969	-2.318
30	147	97.237	94.875	-2.362
30	132	101.305	99.670	-1.635
30	133	100.753	98.786	-1.967
30	135	98.393	98.543	0.151
30	245	97.858	95.833	-2.025
30	246	95.775	93.874	-1.901
50	67	99.670	95.897	-3.773
50	68	99.186	97.815	-1.371
50	69	98.669	93.890	-4.778
50	71	100.498	96.146	-4.353
50	72	96.346	91.635	-4.711
50	172	96.766	92.497	-4.269
50	173	99.833	96.360	-3.473
50	174	99.492	94.873	-4.618
50	183	98.606	94.275	-4.331
50	186	101.876	97.417	-4.460
100	95	96.660	88.289	-8.371
100	102	99.237	91.656	-7.581
100	104	98.650	91.303	-7.347
100	105	102.809	95.310	-7.499
100	106	100.270	92.920	-7.350
100	178	98.598	91.679	-6.919
100	179	99.113	92.432	-6.680
100	180	99.875	92.638	-7.237
100	181	98.870	91.081	-7.789
100	182	99.037	92.014	-7.023
Max		102.809	101.957	1.959
Average		98.845	95.903	-2.942
Min		95.055	88.289	-8.371
Std Dev		1.979	2.951	2.671



96.23 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	125	
Min Limit	86	

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	99.657	94.544	95.022	93.387	91.636	88.289
Average	99.657	97.295	97.954	96.879	95.081	91.932
Max	99.657	101.957	100.434	99.670	97.815	95.310
UL	125.000	125.000	125.000	125.000	125.000	125.000

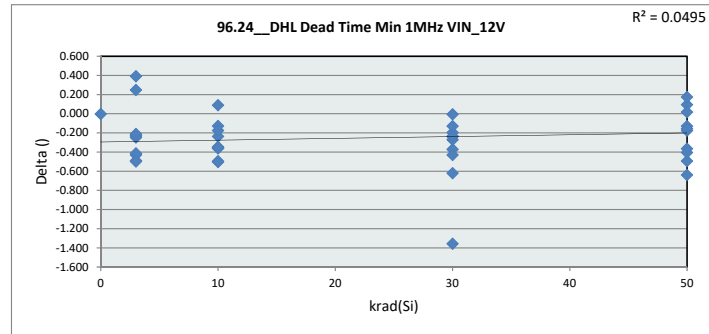


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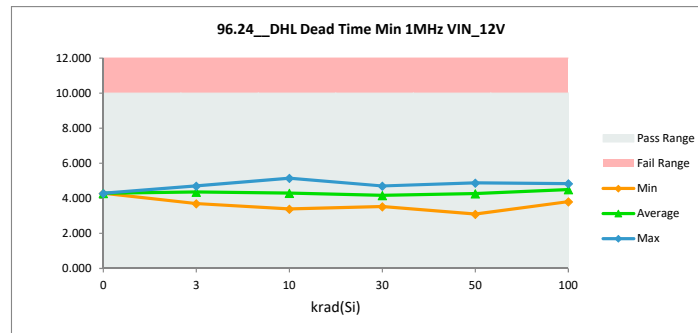
96.24 DHL Dead Time Min 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	4.289	4.289	0.000
3	58	4.756	4.329	-0.427
3	59	5.183	4.696	-0.487
3	60	4.938	4.708	-0.229
3	61	4.112	3.703	-0.410
3	62	4.288	3.793	-0.496
3	134	4.581	4.360	-0.221
3	137	4.560	4.316	-0.244
3	138	4.147	4.541	0.394
3	139	4.839	4.631	-0.208
3	236	4.297	4.548	0.251
10	63	5.085	4.730	-0.355
10	64	4.493	4.144	-0.349
10	65	4.714	4.356	-0.358
10	66	3.883	3.390	-0.492
10	150	5.058	5.151	0.093
10	237	4.899	4.666	-0.234
10	241	4.791	4.291	-0.500
10	242	4.751	4.407	-0.344
10	243	3.740	3.616	-0.124
10	244	4.356	4.184	-0.172
30	141	4.574	4.205	-0.369
30	144	4.433	4.164	-0.268
30	145	4.239	3.622	-0.617
30	146	4.413	4.220	-0.193
30	147	5.020	4.592	-0.427
30	132	4.075	4.071	-0.003
30	133	4.834	4.708	-0.127
30	135	4.886	3.533	-1.353
30	245	4.266	4.035	-0.231
30	246	4.761	4.525	-0.236
50	67	5.047	4.875	-0.172
50	68	4.137	4.235	0.098
50	69	4.886	4.395	-0.491
50	71	3.739	3.104	-0.635
50	72	4.894	4.532	-0.362
50	172	4.372	4.246	-0.126
50	173	4.394	4.571	0.177
50	174	4.586	4.185	-0.402
50	183	4.860	4.882	0.021
50	186	3.846	3.693	-0.153
100	95	5.060	4.649	-0.411
100	102	4.513	4.430	-0.082
100	104	5.067	4.839	-0.229
100	105	4.498	3.815	-0.683
100	106	4.379	4.521	0.141
100	178	4.630	4.765	0.135
100	179	4.311	4.621	0.311
100	180	4.718	4.714	-0.004
100	181	4.626	4.669	0.044
100	182	3.862	4.006	0.144
Max		5.183	5.151	0.394
Average		4.543	4.319	-0.224
Min		3.739	3.104	-1.353
Std Dev		0.378	0.427	0.299



96.24 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.289	3.703	3.390	3.533	3.104	3.815
Average	4.289	4.362	4.294	4.168	4.272	4.503
Max	4.289	4.708	5.151	4.708	4.882	4.839
UL	10.000	10.000	10.000	10.000	10.000	10.000

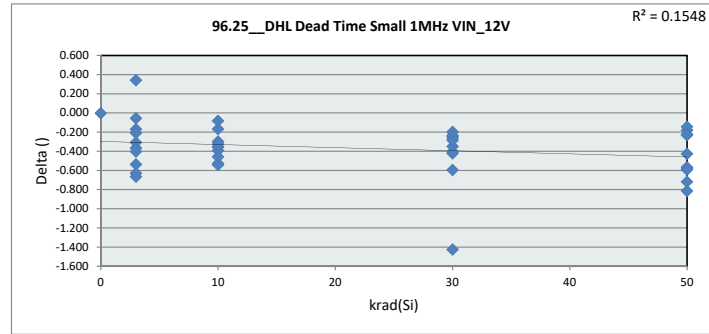


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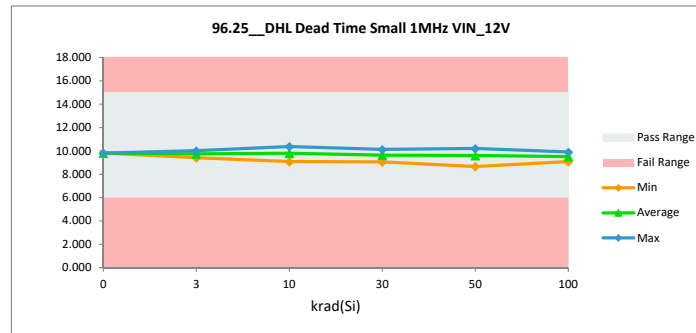
96.25 DHL Dead Time Small 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	9.807	9.807	0.000
3	58	10.324	9.662	-0.662
3	59	10.444	9.911	-0.534
3	60	10.202	9.802	-0.400
3	61	9.749	9.444	-0.305
3	62	10.033	9.408	-0.626
3	134	10.160	9.796	-0.364
3	137	9.877	9.711	-0.167
3	138	9.831	9.777	-0.054
3	139	10.030	9.823	-0.206
3	236	9.672	10.017	0.344
10	63	10.731	10.379	-0.352
10	64	10.186	9.796	-0.391
10	65	10.164	9.640	-0.524
10	66	9.613	9.074	-0.539
10	150	10.391	10.312	-0.080
10	237	10.476	10.125	-0.351
10	241	10.220	9.764	-0.456
10	242	10.168	9.873	-0.295
10	243	9.566	9.401	-0.164
10	244	9.911	9.591	-0.320
30	141	9.688	9.428	-0.260
30	144	10.082	9.735	-0.347
30	145	9.956	9.365	-0.592
30	146	9.909	9.669	-0.240
30	147	10.419	10.000	-0.419
30	132	9.923	9.691	-0.233
30	133	10.401	10.120	-0.281
30	135	10.469	9.047	-1.422
30	245	9.821	9.418	-0.403
30	246	9.974	9.779	-0.195
50	67	10.630	10.207	-0.424
50	68	9.748	9.573	-0.176
50	69	10.399	9.825	-0.574
50	71	9.478	8.666	-0.811
50	72	10.204	9.488	-0.716
50	172	9.897	9.333	-0.564
50	173	10.016	9.874	-0.142
50	174	10.188	9.599	-0.589
50	183	10.325	10.105	-0.220
50	186	9.533	9.306	-0.227
100	95	10.380	9.349	-1.031
100	102	10.076	9.481	-0.595
100	104	10.566	9.713	-0.852
100	105	10.186	9.106	-1.081
100	106	10.071	9.601	-0.470
100	178	10.218	9.845	-0.373
100	179	10.009	9.537	-0.472
100	180	10.258	9.895	-0.362
100	181	10.160	9.552	-0.609
100	182	9.366	9.073	-0.293
Max		10.731	10.379	0.344
Average		10.077	9.657	-0.420
Min		9.366	8.666	-1.422
Std Dev		0.309	0.338	0.290



96.25 DHL Dead Time Small 1MHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.807	9.408	9.074	9.047	8.666	9.073
Average	9.807	9.735	9.796	9.625	9.597	9.515
Max	9.807	10.017	10.379	10.120	10.207	9.895
UL	15.000	15.000	15.000	15.000	15.000	15.000

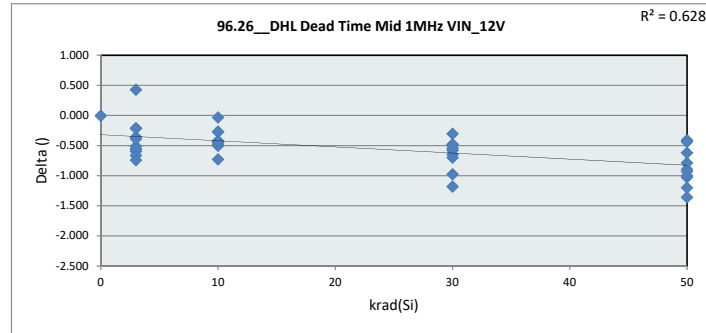


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96.26 DHL Dead Time Mid 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

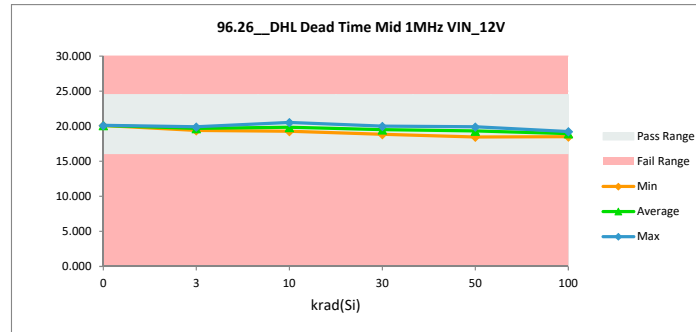
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.113	20.113	0.000
3	58	20.504	19.917	-0.587
3	59	20.103	19.750	-0.353
3	60	19.972	19.465	-0.507
3	61	20.213	19.663	-0.550
3	62	20.515	19.856	-0.659
3	134	20.275	19.538	-0.737
3	137	19.594	19.386	-0.208
3	138	20.017	19.633	-0.383
3	139	19.883	19.673	-0.209
3	236	19.433	19.863	0.430
10	63	21.029	20.546	-0.483
10	64	20.408	19.910	-0.499
10	65	19.958	19.529	-0.430
10	66	20.007	19.283	-0.724
10	150	20.198	20.170	-0.028
10	237	20.471	20.022	-0.448
10	241	20.014	19.597	-0.417
10	242	20.424	19.994	-0.429
10	243	19.972	19.705	-0.267
10	244	19.910	19.646	-0.264
30	141	19.527	18.833	-0.694
30	144	20.260	19.618	-0.643
30	145	20.431	19.460	-0.972
30	146	20.062	19.523	-0.539
30	147	20.170	19.687	-0.483
30	132	20.288	19.814	-0.474
30	133	20.576	20.003	-0.573
30	135	20.448	19.271	-1.177
30	245	19.803	19.314	-0.489
30	246	19.746	19.447	-0.299
50	67	20.808	19.920	-0.889
50	68	19.952	19.548	-0.404
50	69	20.559	19.366	-1.193
50	71	19.822	18.468	-1.354
50	72	19.948	18.928	-1.021
50	172	19.834	18.909	-0.925
50	173	20.178	19.744	-0.433
50	174	20.304	19.306	-0.998
50	183	20.363	19.749	-0.614
50	186	19.985	19.203	-0.782
100	95	20.169	18.501	-1.668
100	102	20.175	18.872	-1.303
100	104	20.591	19.023	-1.568
100	105	20.643	18.696	-1.947
100	106	20.332	19.184	-1.148
100	178	20.254	19.244	-1.010
100	179	20.138	19.115	-1.023
100	180	20.411	19.238	-1.173
100	181	20.259	18.992	-1.266
100	182	19.653	18.603	-1.050
Max		21.029	20.546	0.430
Average		20.171	19.467	-0.703
Min		19.433	18.468	-1.947
Std Dev		0.324	0.449	0.452



96.26 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24.5
Min Limit	16

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	20.113	19.386	19.283	18.834	18.468	18.501
Average	20.113	19.674	19.840	19.497	19.314	18.947
Max	20.113	19.917	20.546	20.003	19.920	19.244
UL	24.500	24.500	24.500	24.500	24.500	24.500

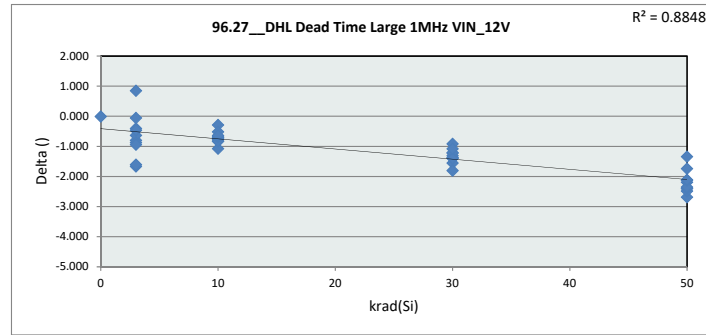


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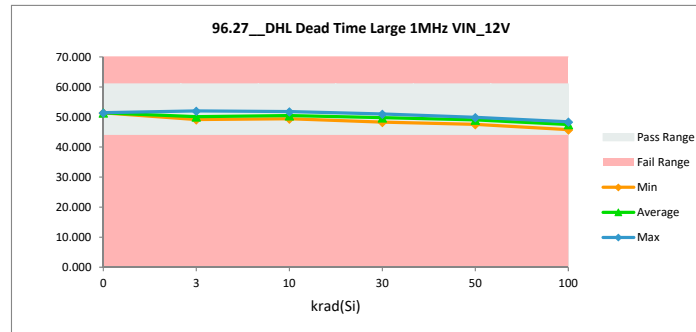
96.27 DHL Dead Time Large 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	51.396	51.396	0.000
3	58	51.245	50.458	-0.788
3	59	49.660	49.265	-0.395
3	60	49.747	49.124	-0.622
3	61	51.876	51.012	-0.864
3	62	52.956	52.024	-0.931
3	134	51.295	49.641	-1.654
3	137	49.676	49.633	-0.043
3	138	51.335	49.740	-1.595
3	139	50.085	49.631	-0.455
3	236	49.367	50.223	0.856
10	63	52.533	51.774	-0.759
10	64	51.939	51.221	-0.719
10	65	50.095	49.405	-0.690
10	66	51.447	50.626	-0.821
10	150	49.994	49.718	-0.277
10	237	51.301	50.236	-1.065
10	241	50.067	49.559	-0.508
10	242	51.525	50.707	-0.818
10	243	51.928	51.251	-0.676
10	244	50.669	50.042	-0.627
30	141	49.624	48.251	-1.373
30	144	51.570	50.026	-1.544
30	145	52.707	50.915	-1.792
30	146	51.127	49.826	-1.301
30	147	50.326	48.957	-1.369
30	132	52.184	50.974	-1.209
30	133	51.898	50.692	-1.206
30	135	51.126	50.218	-0.908
30	245	50.668	49.281	-1.388
30	246	49.681	48.609	-1.073
50	67	51.798	49.619	-2.179
50	68	51.158	49.827	-1.331
50	69	51.265	48.869	-2.396
50	71	51.767	49.091	-2.676
50	72	49.983	47.507	-2.476
50	172	50.159	47.781	-2.377
50	173	51.430	49.699	-1.731
50	174	51.315	48.974	-2.341
50	183	51.061	48.950	-2.111
50	186	51.995	49.891	-2.104
100	95	50.143	45.777	-4.366
100	102	51.335	47.434	-3.902
100	104	51.278	47.292	-3.986
100	105	52.874	48.408	-4.466
100	106	51.673	48.052	-3.621
100	178	51.069	47.593	-3.476
100	179	51.188	48.011	-3.178
100	180	51.571	47.913	-3.658
100	181	51.173	47.273	-3.900
100	182	50.825	47.489	-3.335
Max		52.956	52.024	0.856
Average		51.100	49.410	-1.691
Min		49.367	45.777	-4.466
Std Dev		0.893	1.339	1.265



96.27 DHL Dead Time Large 1MHz VIN_12V	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	61
Min Limit	44

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	51.396	49.124	49.405	48.251	47.507	45.777
Average	51.396	50.075	50.454	49.775	49.021	47.524
Max	51.396	52.024	51.774	50.974	49.891	48.408
UL	61.000	61.000	61.000	61.000	61.000	61.000

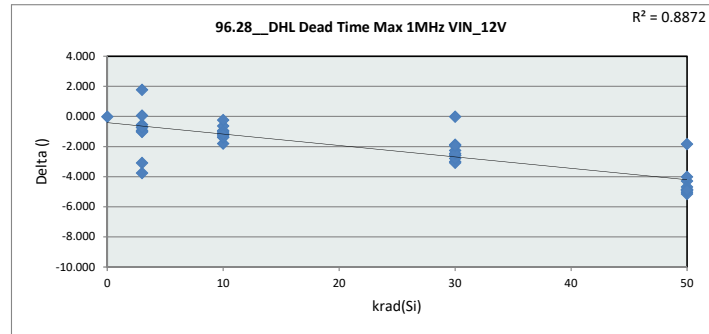


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96.28 DHL Dead Time Max 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

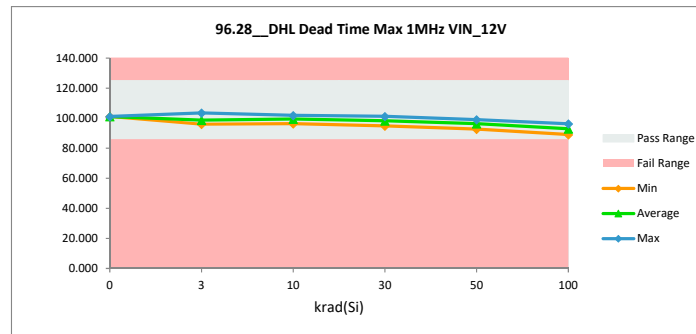
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	101.124	101.124	0.000
3	58	100.063	99.151	-0.912
3	59	96.569	96.044	-0.525
3	60	97.383	96.680	-0.703
3	61	102.227	101.262	-0.964
3	62	104.550	103.544	-1.007
3	134	100.966	97.904	-3.062
3	137	97.805	97.881	0.076
3	138	101.652	97.915	-3.737
3	139	98.627	97.935	-0.692
3	236	96.967	98.756	1.789
10	63	102.661	101.316	-1.345
10	64	102.785	101.870	-0.916
10	65	98.366	97.282	-1.085
10	66	101.483	100.267	-1.216
10	150	96.927	96.317	-0.610
10	237	100.559	98.775	-1.784
10	241	98.177	97.961	-0.216
10	242	101.051	99.681	-1.370
10	243	102.925	101.926	-0.999
10	244	99.913	98.752	-1.161
30	141	97.443	94.886	-2.557
30	144	101.731	98.746	-2.985
30	145	103.996	100.943	-3.053
30	146	100.927	98.366	-2.562
30	147	98.813	96.043	-2.769
30	132	103.064	101.211	-1.853
30	133	102.518	100.284	-2.234
30	135	100.043	100.046	0.003
30	245	99.582	97.146	-2.437
30	246	97.318	95.390	-1.927
50	67	101.335	97.065	-4.270
50	68	100.868	99.053	-1.815
50	69	100.154	95.246	-4.908
50	71	102.280	97.435	-4.845
50	72	97.899	92.767	-5.132
50	172	98.298	93.635	-4.663
50	173	101.427	97.441	-3.986
50	174	101.145	96.130	-5.015
50	183	100.259	95.431	-4.828
50	186	103.646	98.788	-4.858
100	95	98.239	89.103	-9.136
100	102	100.909	92.730	-8.178
100	104	100.138	92.390	-7.748
100	105	104.515	96.333	-8.182
100	106	101.900	94.005	-7.895
100	178	100.252	92.737	-7.515
100	179	100.730	93.574	-7.156
100	180	101.623	93.401	-8.223
100	181	100.606	91.994	-8.612
100	182	100.602	93.075	-7.527
Max		104.550	103.544	1.789
Average		100.491	97.210	-3.281
Min		96.569	89.103	-9.136
Std Dev		2.049	3.112	2.838



96.28 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	101.124	96.044	96.317	94.887	92.767	89.103
Average	101.124	98.707	99.415	98.306	96.299	92.934
Max	101.124	103.544	101.926	101.211	99.053	96.333
UL	125.000	125.000	125.000	125.000	125.000	125.000

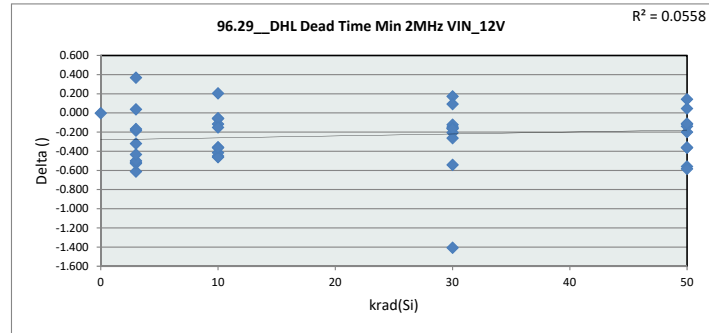


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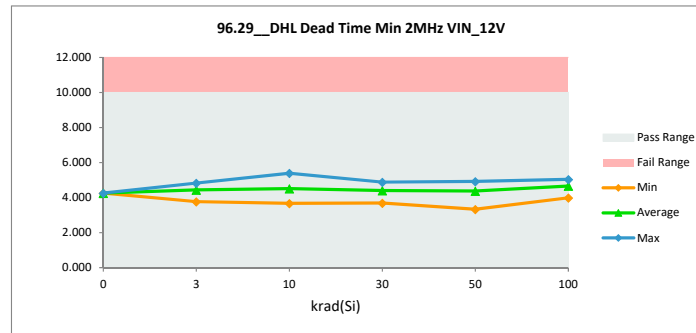
96.29 DHL Dead Time Min 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	4.257	4.257	0.000
3	58	5.023	4.414	-0.609
3	59	5.310	4.797	-0.513
3	60	5.060	4.536	-0.524
3	61	4.367	4.051	-0.316
3	62	4.262	3.765	-0.497
3	134	4.694	4.513	-0.181
3	137	4.658	4.494	-0.164
3	138	4.391	4.431	0.040
3	139	4.961	4.530	-0.431
3	236	4.462	4.832	0.371
10	63	5.177	4.730	-0.447
10	64	4.682	4.328	-0.354
10	65	4.921	4.509	-0.412
10	66	4.127	3.670	-0.458
10	150	5.183	5.391	0.207
10	237	5.012	4.955	-0.057
10	241	4.891	4.778	-0.113
10	242	4.815	4.454	-0.361
10	243	3.992	3.939	-0.053
10	244	4.480	4.331	-0.148
30	141	4.643	4.440	-0.203
30	144	4.571	4.310	-0.261
30	145	4.467	3.928	-0.539
30	146	4.412	4.588	0.176
30	147	5.030	4.886	-0.145
30	132	4.262	4.359	0.097
30	133	4.959	4.840	-0.119
30	135	5.087	3.683	-1.404
30	245	4.338	4.181	-0.157
30	246	4.899	4.738	-0.161
50	67	5.140	4.783	-0.357
50	68	4.153	4.202	0.049
50	69	5.104	4.550	-0.555
50	71	3.913	3.333	-0.580
50	72	4.897	4.700	-0.197
50	172	4.586	4.227	-0.359
50	173	4.429	4.574	0.145
50	174	4.629	4.517	-0.112
50	183	5.056	4.920	-0.136
50	186	4.051	3.942	-0.109
100	95	5.111	4.870	-0.242
100	102	4.692	4.659	-0.032
100	104	5.194	4.988	-0.206
100	105	4.622	3.987	-0.635
100	106	4.482	4.532	0.050
100	178	4.926	4.851	-0.075
100	179	4.469	4.761	0.293
100	180	4.843	5.039	0.196
100	181	4.755	4.764	0.008
100	182	3.984	4.185	0.201
Max		5.310	5.391	0.371
Average		4.675	4.471	-0.204
Min		3.913	3.333	-1.404
Std Dev		0.367	0.403	0.304



96.29 DHL Dead Time Min 2MHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.257	3.765	3.670	3.683	3.333	3.988
Average	4.257	4.436	4.508	4.395	4.375	4.664
Max	4.257	4.832	5.391	4.886	4.920	5.039
UL	10.000	10.000	10.000	10.000	10.000	10.000

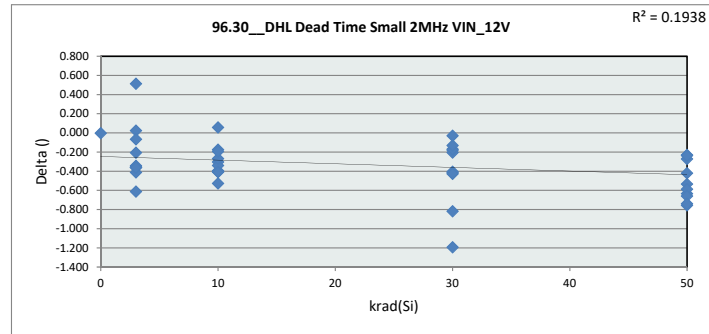


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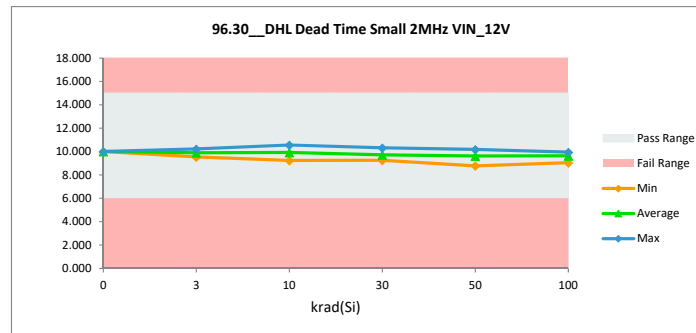
96.30 DHL Dead Time Small 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	10.006	10.006	0.000
3	58	10.493	9.883	-0.610
3	59	10.463	10.108	-0.354
3	60	10.206	9.866	-0.340
3	61	9.947	9.538	-0.409
3	62	10.024	9.667	-0.357
3	134	10.197	9.838	-0.359
3	137	9.876	9.903	0.026
3	138	9.952	9.889	-0.063
3	139	10.165	9.962	-0.203
3	236	9.710	10.226	0.516
10	63	10.769	10.366	-0.402
10	64	10.259	10.088	-0.172
10	65	10.149	9.757	-0.392
10	66	9.767	9.243	-0.524
10	150	10.504	10.564	0.060
10	237	10.440	10.140	-0.301
10	241	10.275	9.937	-0.338
10	242	10.335	9.929	-0.406
10	243	9.604	9.339	-0.265
10	244	10.047	9.856	-0.191
30	141	9.866	9.453	-0.412
30	144	10.082	9.679	-0.403
30	145	10.065	9.250	-0.815
30	146	10.021	9.845	-0.177
30	147	10.428	10.004	-0.424
30	132	9.995	9.793	-0.202
30	133	10.483	10.316	-0.167
30	135	10.435	9.245	-1.191
30	245	9.702	9.574	-0.128
30	246	10.035	10.008	-0.026
50	67	10.717	10.186	-0.532
50	68	9.806	9.579	-0.226
50	69	10.550	9.920	-0.630
50	71	9.531	8.778	-0.753
50	72	10.170	9.585	-0.584
50	172	10.008	9.351	-0.656
50	173	10.131	9.862	-0.269
50	174	10.237	9.502	-0.735
50	183	10.361	10.127	-0.234
50	186	9.753	9.337	-0.417
100	95	10.437	9.590	-0.848
100	102	10.253	9.696	-0.557
100	104	10.691	9.831	-0.861
100	105	10.298	9.051	-1.247
100	106	10.087	9.704	-0.383
100	178	10.361	9.834	-0.527
100	179	9.998	9.696	-0.302
100	180	10.367	9.953	-0.414
100	181	10.267	9.732	-0.535
100	182	9.442	9.286	-0.156
Max		10.769	10.564	0.516
Average		10.152	9.762	-0.390
Min		9.442	8.778	-1.247
Std Dev		0.303	0.348	0.304



96.30 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	10.006	9.538	9.243	9.245	8.778	9.051
Average	10.006	9.888	9.922	9.717	9.623	9.637
Max	10.006	10.226	10.565	10.316	10.186	9.953
UL	15.000	15.000	15.000	15.000	15.000	15.000

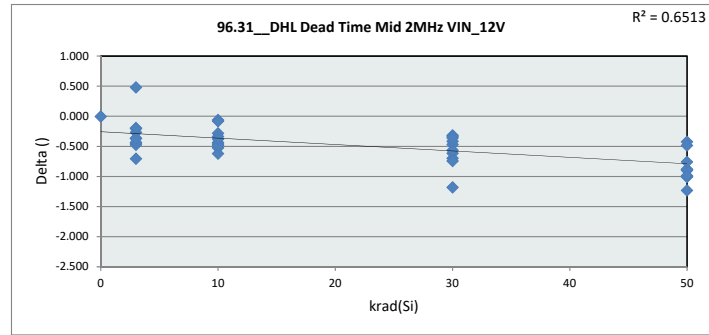


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96.31 DHL Dead Time Mid 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

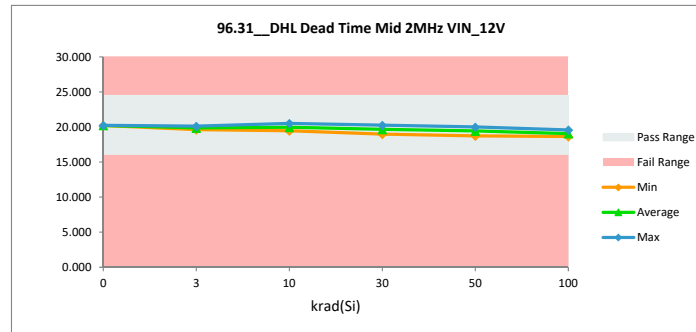
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.226	20.226	0.000
3	58	20.547	20.108	-0.440
3	59	20.163	19.804	-0.358
3	60	19.973	19.711	-0.261
3	61	20.247	19.779	-0.468
3	62	20.548	20.119	-0.429
3	134	20.475	19.776	-0.699
3	137	19.811	19.611	-0.200
3	138	20.140	19.774	-0.366
3	139	20.021	19.832	-0.189
3	236	19.579	20.064	0.486
10	63	21.042	20.524	-0.518
10	64	20.537	20.106	-0.431
10	65	20.072	19.458	-0.614
10	66	20.056	19.599	-0.456
10	150	20.267	20.209	-0.058
10	237	20.575	20.097	-0.478
10	241	19.985	19.708	-0.277
10	242	20.563	20.231	-0.332
10	243	20.018	19.942	-0.076
10	244	20.060	19.685	-0.374
30	141	19.591	18.982	-0.610
30	144	20.353	19.661	-0.693
30	145	20.505	19.769	-0.737
30	146	20.126	19.663	-0.463
30	147	20.350	19.790	-0.559
30	132	20.410	20.081	-0.329
30	133	20.661	20.251	-0.411
30	135	20.469	19.293	-1.177
30	245	19.919	19.606	-0.313
30	246	19.813	19.459	-0.354
50	67	20.877	19.999	-0.878
50	68	20.062	19.642	-0.420
50	69	20.656	19.762	-0.895
50	71	19.948	18.721	-1.226
50	72	20.107	19.110	-0.997
50	172	19.896	18.897	-1.000
50	173	20.352	19.872	-0.481
50	174	20.373	19.498	-0.875
50	183	20.416	19.663	-0.753
50	186	20.212	19.229	-0.982
100	95	20.321	18.635	-1.686
100	102	20.365	19.185	-1.179
100	104	20.667	19.156	-1.510
100	105	20.788	18.706	-2.082
100	106	20.321	19.173	-1.148
100	178	20.341	19.138	-1.203
100	179	20.203	19.356	-0.847
100	180	20.452	19.583	-0.869
100	181	20.341	18.975	-1.366
100	182	19.722	18.688	-1.034
Max		21.042	20.524	0.486
Average		20.265	19.606	-0.659
Min		19.579	18.635	-2.082
Std Dev		0.314	0.459	0.464



96.31 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24.5
Min Limit	16

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	20.226	19.611	19.458	18.982	18.721	18.635
Average	20.226	19.858	19.956	19.655	19.439	19.060
Max	20.226	20.119	20.524	20.251	19.999	19.583
UL	24.500	24.500	24.500	24.500	24.500	24.500

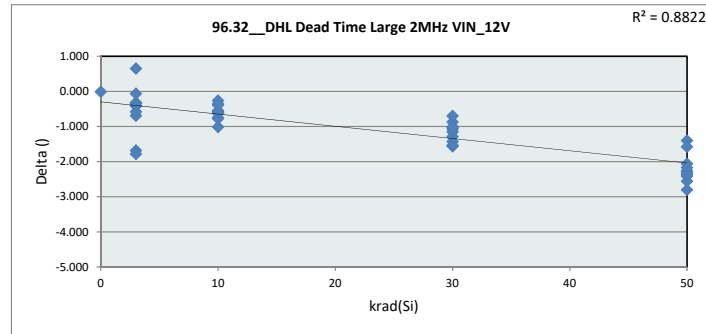


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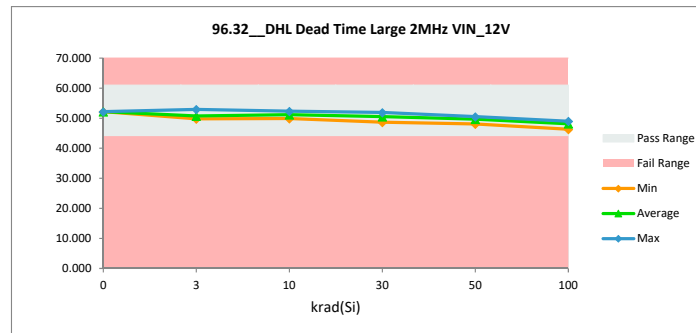
96.32 DHL Dead Time Large 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	52.178	52.178	0.000
3	58	51.777	51.437	-0.340
3	59	50.151	49.747	-0.404
3	60	50.116	49.810	-0.306
3	61	52.413	51.729	-0.685
3	62	53.509	52.939	-0.570
3	134	51.925	50.252	-1.673
3	137	50.286	50.228	-0.057
3	138	52.033	50.259	-1.774
3	139	50.563	50.154	-0.409
3	236	49.977	50.635	0.658
10	63	53.060	52.322	-0.738
10	64	52.521	51.922	-0.599
10	65	50.656	49.887	-0.768
10	66	52.117	51.577	-0.540
10	150	50.518	50.267	-0.251
10	237	51.867	50.863	-1.004
10	241	50.590	50.244	-0.346
10	242	52.159	51.541	-0.618
10	243	52.534	52.154	-0.379
10	244	51.212	50.638	-0.574
30	141	50.093	48.668	-1.425
30	144	52.289	50.737	-1.553
30	145	53.239	51.712	-1.527
30	146	51.755	50.476	-1.278
30	147	50.854	49.791	-1.064
30	132	52.756	51.895	-0.861
30	133	52.486	51.480	-1.005
30	135	51.697	51.005	-0.692
30	245	51.141	49.997	-1.144
30	246	50.109	49.094	-1.014
50	67	52.338	50.087	-2.250
50	68	51.838	50.449	-1.389
50	69	51.843	49.439	-2.404
50	71	52.459	49.665	-2.794
50	72	50.610	48.061	-2.550
50	172	50.745	48.443	-2.302
50	173	52.033	50.466	-1.567
50	174	52.022	49.677	-2.345
50	183	51.640	49.588	-2.053
50	186	52.692	50.532	-2.160
100	95	50.721	46.318	-4.403
100	102	51.999	48.194	-3.805
100	104	51.802	48.034	-3.768
100	105	53.481	49.009	-4.472
100	106	52.315	48.627	-3.688
100	178	51.563	48.203	-3.360
100	179	51.849	48.677	-3.171
100	180	52.215	48.725	-3.490
100	181	51.717	47.660	-4.057
100	182	51.484	48.033	-3.451
Max		53.509	52.939	0.658
Average		51.685	50.069	-1.616
Min		49.977	46.318	-4.472
Std Dev		0.925	1.407	1.306



96.32 DHL Dead Time Large 2MHz VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	61	
Min Limit	44	

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	52.178	49.747	49.887	48.668	48.061	46.318
Average	52.178	50.719	51.142	50.486	49.641	48.148
Max	52.178	52.939	52.322	51.895	50.532	49.009
UL	61.000	61.000	61.000	61.000	61.000	61.000

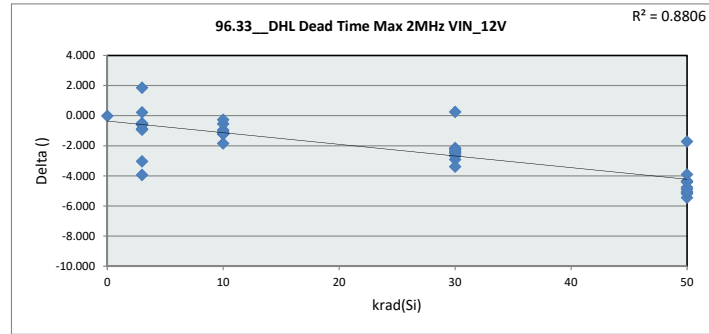


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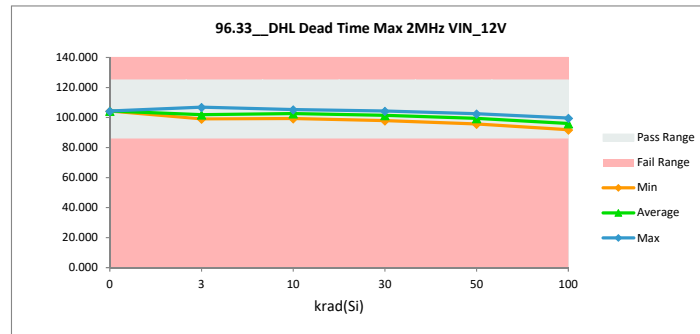
TPS7H6003-SP (5962R2220101VXC)

96.33 DHL Dead Time Max 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	104.329	104.329	0.000
3	58	102.990	102.396	-0.594
3	59	99.573	99.089	-0.484
3	60	100.381	99.865	-0.517
3	61	105.418	104.559	-0.860
3	62	107.804	106.890	-0.914
3	134	103.943	100.926	-3.018
3	137	100.801	101.044	0.243
3	138	104.887	100.971	-3.916
3	139	101.566	101.016	-0.550
3	236	99.899	101.777	1.878
10	63	105.745	104.811	-0.934
10	64	106.049	104.950	-1.099
10	65	101.323	100.246	-1.077
10	66	104.820	103.609	-1.211
10	150	99.782	99.255	-0.527
10	237	103.652	101.829	-1.823
10	241	101.158	100.907	-0.251
10	242	104.166	102.990	-1.176
10	243	106.395	105.275	-1.121
10	244	103.065	101.927	-1.139
30	141	100.520	97.883	-2.637
30	144	104.983	102.092	-2.891
30	145	107.446	104.082	-3.364
30	146	104.096	101.437	-2.659
30	147	101.679	99.211	-2.468
30	132	106.425	104.289	-2.136
30	133	105.668	103.195	-2.473
30	135	103.096	103.368	0.271
30	245	102.519	100.177	-2.342
30	246	100.400	98.183	-2.217
50	67	104.502	100.183	-4.320
50	68	104.176	102.480	-1.696
50	69	103.226	98.359	-4.866
50	71	105.707	100.546	-5.161
50	72	101.035	95.614	-5.421
50	172	101.263	96.877	-4.387
50	173	104.525	100.644	-3.882
50	174	104.152	99.056	-5.096
50	183	103.252	98.514	-4.738
50	186	107.048	102.017	-5.031
100	95	101.183	91.851	-9.332
100	102	104.177	95.785	-8.392
100	104	103.183	95.428	-7.754
100	105	108.002	99.627	-8.375
100	106	105.269	97.204	-8.064
100	178	103.175	95.741	-7.433
100	179	103.853	96.760	-7.094
100	180	104.782	96.702	-8.080
100	181	103.585	94.933	-8.652
100	182	103.742	96.025	-7.717
Max		108.002	106.890	1.878
Average		103.616	100.332	-3.284
Min		99.573	91.851	-9.332
Std Dev		2.178	3.201	2.903



96.33 DHL Dead Time Max 2MHz VIN_12V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	125					
Min Limit	86					
krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	104.329	99.089	99.255	97.883	95.614	91.851
Average	104.329	101.853	102.580	101.392	99.429	96.006
Max	104.329	106.890	105.275	104.289	102.480	99.627
UL	125.000	125.000	125.000	125.000	125.000	125.000

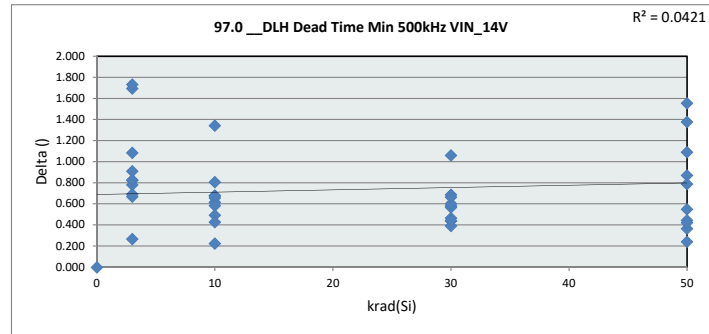


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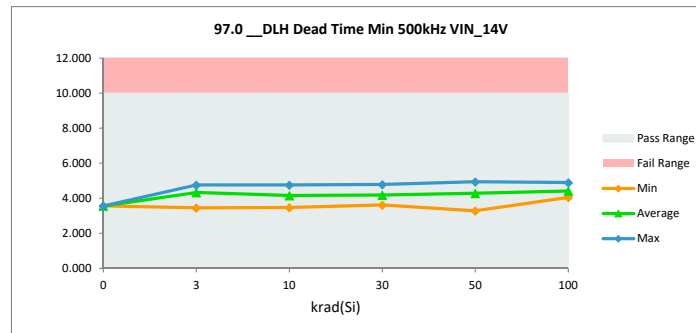
97.0 __DLH Dead Time Min 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.563	3.563	0.000
3	58	3.606	4.389	0.782
3	59	3.206	4.031	0.825
3	60	2.785	3.454	0.670
3	61	3.685	4.378	0.693
3	62	3.324	4.153	0.829
3	134	3.023	4.720	1.697
3	137	3.635	4.721	1.086
3	138	3.851	4.763	0.912
3	139	3.896	4.163	0.267
3	236	2.779	4.514	1.735
10	63	3.495	4.175	0.680
10	64	3.369	3.986	0.617
10	65	3.472	4.130	0.658
10	66	3.541	4.219	0.678
10	150	3.226	3.810	0.584
10	237	3.745	4.553	0.809
10	241	3.413	4.757	1.345
10	242	2.981	3.476	0.495
10	243	3.785	4.214	0.429
10	244	4.079	4.305	0.226
30	141	3.151	3.839	0.689
30	144	3.795	4.377	0.582
30	145	4.209	4.649	0.440
30	146	3.624	4.193	0.569
30	147	3.356	3.747	0.392
30	132	3.868	4.472	0.603
30	133	3.628	4.095	0.467
30	135	3.729	4.790	1.061
30	245	3.666	4.109	0.443
30	246	2.951	3.616	0.665
50	67	3.671	4.221	0.551
50	68	3.011	4.567	1.556
50	69	3.362	4.234	0.872
50	71	3.698	4.489	0.791
50	72	3.007	4.098	1.092
50	172	4.499	4.945	0.446
50	173	3.784	4.151	0.367
50	174	2.852	4.231	1.379
50	183	3.047	3.290	0.243
50	186	4.239	4.661	0.423
100	95	3.631	4.895	1.264
100	102	3.247	4.058	0.812
100	104	3.388	4.659	1.271
100	105	3.241	4.228	0.987
100	106	3.616	4.685	1.069
100	178	3.607	4.253	0.647
100	179	3.514	4.338	0.824
100	180	3.403	4.627	1.223
100	181	3.518	4.426	0.908
100	182	3.398	4.057	0.659
Max		4.499	4.945	1.735
Average		3.493	4.264	0.771
Min		2.779	3.290	0.000
Std Dev		0.371	0.384	0.375



97.0 __DLH Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.564	3.455	3.476	3.616	3.290	4.057
Average	3.564	4.329	4.163	4.189	4.289	4.423
Max	3.564	4.763	4.757	4.790	4.945	4.895
UL	10.000	10.000	10.000	10.000	10.000	10.000



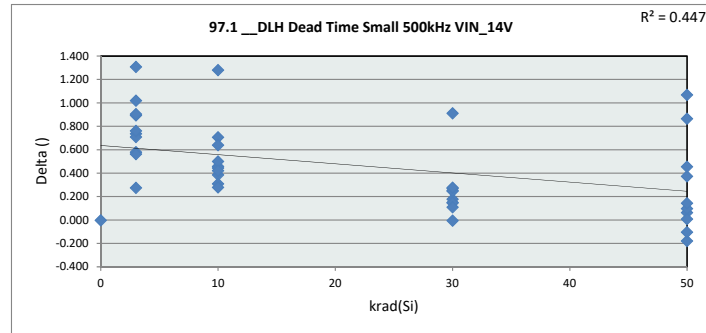
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

97.1 __DLH Dead Time Small 500kHz VIN_14V

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

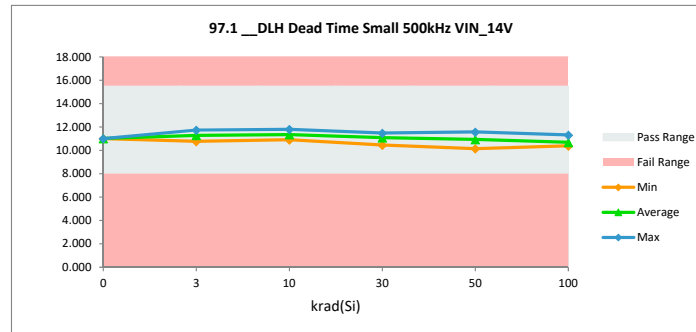
krad(Si)	Serial #	pre_short (rtp)	ST_Combo (rpt)	Delta
0	Ctrl	11.013	11.013	0.000
3	58	11.007	11.589	0.582
3	59	10.000	11.022	1.022
3	60	10.200	10.765	0.565
3	61	10.612	11.350	0.738
3	62	10.163	10.875	0.712
3	134	10.544	11.307	0.763
3	137	10.480	11.376	0.896
3	138	10.514	11.421	0.907
3	139	11.117	11.394	0.277
3	236	10.431	11.740	1.310
10	63	10.886	11.595	0.708
10	64	10.811	11.272	0.460
10	65	10.941	11.387	0.446
10	66	10.601	11.103	0.502
10	150	10.525	10.913	0.388
10	237	10.527	11.810	1.283
10	241	10.755	11.396	0.641
10	242	10.485	10.909	0.424
10	243	11.117	11.427	0.311
10	244	11.439	11.719	0.281
30	141	10.416	10.667	0.251
30	144	11.107	11.288	0.180
30	145	11.068	11.339	0.271
30	146	10.927	11.178	0.252
30	147	10.648	10.644	-0.004
30	132	11.171	11.449	0.278
30	133	10.962	11.113	0.151
30	135	10.567	11.481	0.914
30	245	11.069	11.217	0.148
30	246	10.339	10.450	0.111
50	67	10.471	10.535	0.065
50	68	10.359	11.430	1.071
50	69	10.732	11.108	0.375
50	71	10.483	10.582	0.099
50	72	10.343	10.801	0.457
50	172	11.429	11.574	0.146
50	173	11.203	11.027	-0.176
50	174	10.255	11.122	0.867
50	183	10.251	10.149	-0.102
50	186	10.974	10.985	0.010
100	95	11.111	11.322	0.211
100	102	10.556	10.382	-0.174
100	104	10.742	10.779	0.037
100	105	10.655	10.474	-0.181
100	106	11.030	10.841	-0.189
100	178	10.847	10.649	-0.198
100	179	10.854	10.557	-0.296
100	180	10.915	10.911	-0.004
100	181	10.840	10.570	-0.269
100	182	10.582	10.409	-0.173
Max		11.439	11.810	1.310
Average		10.727	11.067	0.340
Min		10.000	10.149	-0.296
Std Dev		0.333	0.405	0.412



97.1 __DLH Dead Time Small 500kHz VIN_14V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	11.013	10.765	10.909	10.450	10.149	10.382
Average	11.013	11.284	11.353	11.083	10.931	10.689
Max	11.013	11.740	11.810	11.481	11.574	11.322
UL	15.500	15.500	15.500	15.500	15.500	15.500



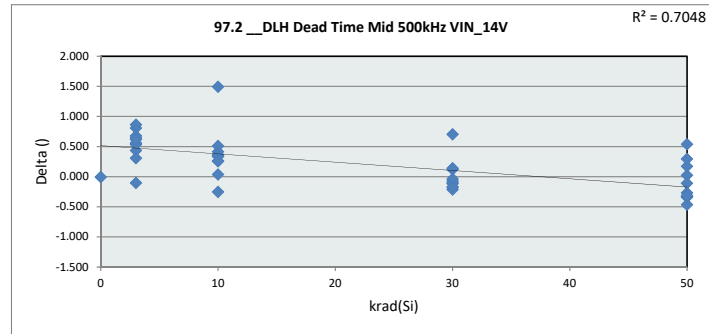
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

97.2 __DLH Dead Time Mid 500k

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

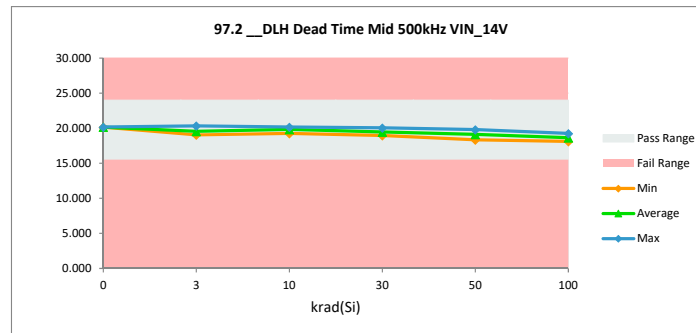
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.163	20.163	0.000
3	58	19.529	20.341	0.812
3	59	18.320	19.188	0.868
3	60	18.877	19.420	0.543
3	61	18.756	19.438	0.683
3	62	18.395	19.042	0.647
3	134	19.490	19.392	-0.098
3	137	18.833	19.273	0.440
3	138	18.720	19.282	0.562
3	139	19.658	19.971	0.313
3	236	19.477	20.102	0.625
10	63	19.657	20.171	0.514
10	64	19.633	20.054	0.421
10	65	19.678	20.016	0.339
10	66	18.884	19.252	0.368
10	150	19.299	19.564	0.264
10	237	18.624	20.122	1.497
10	241	19.508	19.262	-0.247
10	242	19.443	19.798	0.355
10	243	19.717	19.980	0.264
10	244	20.021	20.064	0.043
30	141	19.208	19.334	0.126
30	144	19.819	19.751	-0.068
30	145	19.372	19.262	-0.110
30	146	19.588	19.489	-0.099
30	147	19.337	19.172	-0.164
30	132	19.911	20.056	0.145
30	133	19.645	19.612	-0.033
30	135	18.682	19.390	0.708
30	245	19.784	19.576	-0.208
30	246	19.132	18.961	-0.171
50	67	18.652	18.329	-0.323
50	68	19.263	19.808	0.544
50	69	19.433	19.461	0.028
50	71	18.638	18.535	-0.103
50	72	18.971	19.149	0.179
50	172	19.578	19.316	-0.263
50	173	19.981	19.521	-0.459
50	174	19.256	19.557	0.301
50	183	18.979	18.644	-0.335
50	186	19.174	18.866	-0.307
100	95	19.893	19.254	-0.640
100	102	19.274	18.121	-1.153
100	104	19.397	18.819	-0.578
100	105	19.422	18.510	-0.911
100	106	19.728	18.728	-1.000
100	178	19.464	18.587	-0.877
100	179	19.621	18.573	-1.048
100	180	19.753	19.012	-0.742
100	181	19.516	18.467	-1.050
100	182	19.225	18.367	-0.859
Max		20.163	20.341	1.497
Average		19.341	19.336	-0.005
Min		18.320	18.121	-1.153
Std Dev		0.438	0.562	0.578



97.2 __DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	20.163	19.042	19.252	18.961	18.329	18.121
Average	20.163	19.545	19.828	19.460	19.119	18.644
Max	20.163	20.341	20.171	20.056	19.808	19.254
UL	24.000	24.000	24.000	24.000	24.000	24.000



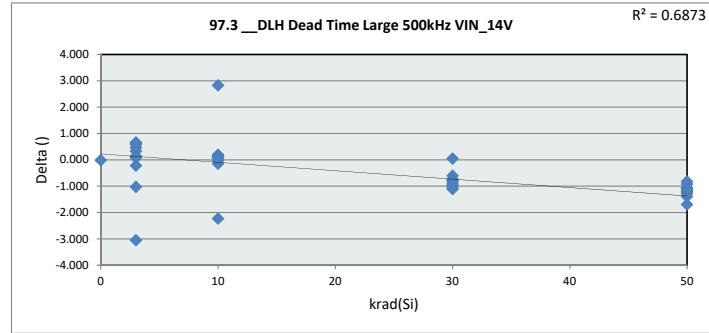
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

97.3 __DLH Dead Time Large 500kHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

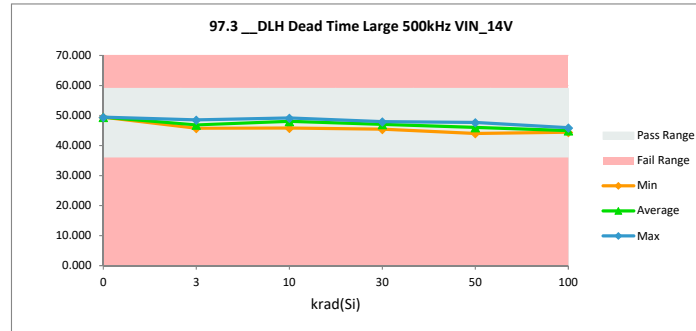
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	49.452	49.452	0.000
3	58	48.065	48.543	0.478
3	59	45.740	46.368	0.628
3	60	47.218	47.566	0.348
3	61	45.775	46.372	0.597
3	62	45.431	46.104	0.673
3	134	48.786	45.749	-3.037
3	137	46.177	45.969	-0.208
3	138	45.620	45.768	0.148
3	139	47.875	47.967	0.092
3	236	49.174	48.159	-1.015
10	63	48.683	48.810	0.128
10	64	48.894	49.026	0.132
10	65	48.960	49.163	0.204
10	66	45.928	46.060	0.132
10	150	48.379	48.520	0.140
10	237	45.341	48.180	2.839
10	241	48.021	45.801	-2.220
10	242	48.467	48.551	0.085
10	243	48.051	48.044	-0.007
10	244	48.237	48.105	-0.132
30	141	47.900	47.309	-0.591
30	144	48.477	47.580	-0.897
30	145	46.449	45.455	-0.994
30	146	48.190	47.230	-0.961
30	147	47.853	47.121	-0.731
30	132	48.686	47.936	-0.750
30	133	48.132	47.322	-0.809
30	135	45.528	45.587	0.060
30	245	48.476	47.383	-1.093
30	246	48.297	47.219	-1.077
50	67	45.712	44.028	-1.684
50	68	48.141	47.335	-0.806
50	69	48.147	46.999	-1.148
50	71	45.484	44.282	-1.202
50	72	47.100	46.049	-1.051
50	172	46.341	45.290	-1.052
50	173	48.536	47.272	-1.264
50	174	48.555	47.651	-0.904
50	183	47.748	46.370	-1.377
50	186	45.939	44.855	-1.084
100	95	48.534	45.914	-2.620
100	102	47.653	44.435	-3.218
100	104	47.944	44.979	-2.965
100	105	48.002	44.847	-3.156
100	106	48.205	44.832	-3.373
100	178	47.411	44.644	-2.767
100	179	48.294	45.045	-3.249
100	180	48.733	45.713	-3.020
100	181	48.298	44.731	-3.568
100	182	47.384	44.540	-2.844
Max		49.452	49.452	2.839
Average		47.616	46.632	-0.984
Min		45.341	44.028	-3.568
Std Dev		1.170	1.468	1.358



97.3 __DLH Dead Time Large 500kHz

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	49.452	45.749	45.801	45.455	44.028	44.435
Average	49.452	46.856	48.026	47.014	46.013	44.968
Max	49.452	48.543	49.163	47.936	47.651	45.914
UL	59.000	59.000	59.000	59.000	59.000	59.000

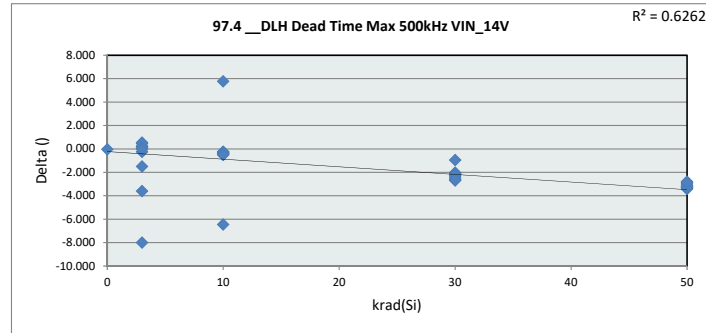


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97.4 __DLH Dead Time Max 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

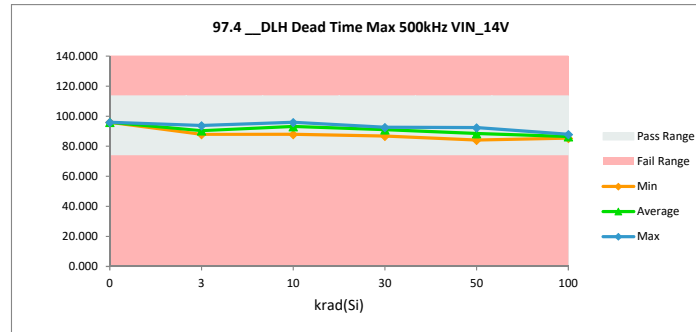
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	95.998	95.998	0.000
3	58	93.537	93.742	0.204
3	59	89.340	89.912	0.572
3	60	92.102	92.363	0.261
3	61	88.601	89.083	0.483
3	62	88.487	88.623	0.136
3	134	95.857	87.891	-7.967
3	137	89.433	87.969	-1.464
3	138	88.148	87.923	-0.226
3	139	92.466	92.457	-0.009
3	236	96.983	93.418	-3.565
10	63	95.599	95.351	-0.248
10	64	96.163	95.941	-0.222
10	65	95.544	95.200	-0.343
10	66	88.303	88.073	-0.229
10	150	95.242	94.934	-0.308
10	237	87.680	93.481	5.801
10	241	94.336	87.902	-6.434
10	242	94.762	94.417	-0.346
10	243	92.999	92.561	-0.438
10	244	93.833	93.350	-0.483
30	141	94.298	92.285	-2.013
30	144	94.221	92.202	-2.019
30	145	89.277	86.703	-2.574
30	146	94.226	91.841	-2.385
30	147	93.590	91.442	-2.148
30	132	94.746	92.631	-2.115
30	133	93.662	91.409	-2.253
30	135	88.080	87.155	-0.925
30	245	94.885	92.221	-2.664
30	246	94.668	92.118	-2.550
50	67	87.518	84.118	-3.400
50	68	94.122	91.237	-2.885
50	69	94.141	90.909	-3.232
50	71	87.772	84.469	-3.303
50	72	91.934	88.713	-3.221
50	172	88.681	85.916	-2.764
50	173	94.087	91.033	-3.054
50	174	95.513	92.397	-3.116
50	183	93.896	90.657	-3.239
50	186	88.212	85.346	-2.866
100	95	94.367	87.819	-6.548
100	102	92.813	85.378	-7.435
100	104	93.500	86.653	-6.847
100	105	93.270	85.832	-7.438
100	106	93.963	86.024	-7.939
100	178	91.428	85.383	-6.045
100	179	94.088	87.262	-6.826
100	180	94.878	87.951	-6.927
100	181	93.629	86.297	-7.332
100	182	92.024	85.824	-6.201
Max		96.983	95.998	5.801
Average		92.684	89.996	-2.688
Min		87.518	84.118	-7.967
Std Dev		2.751	3.359	2.896



97.4 __DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	113.5
Min Limit	74

krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	95.998	87.891	87.903	86.703	84.118	85.378
Average	95.998	90.338	93.121	91.001	88.480	86.442
Max	95.998	93.742	95.941	92.631	92.397	87.951
UL	113.500	113.500	113.500	113.500	113.500	113.500

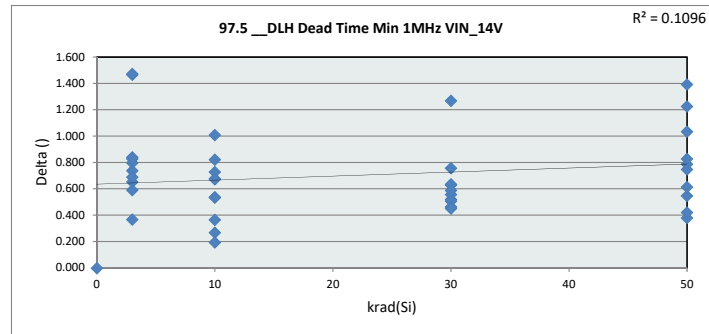


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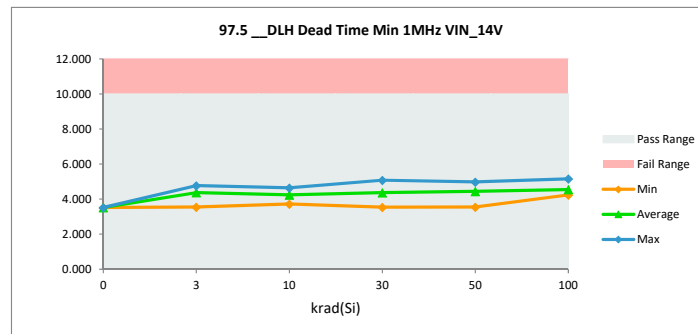
97.5 __DLH Dead Time Min 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.523	3.523	0.000
3	58	3.754	4.493	0.740
3	59	3.264	4.062	0.798
3	60	2.895	3.550	0.654
3	61	3.806	4.398	0.592
3	62	3.486	4.177	0.691
3	134	3.228	4.696	1.468
3	137	3.787	4.629	0.841
3	138	3.942	4.771	0.828
3	139	4.092	4.461	0.369
3	236	3.021	4.495	1.473
10	63	3.628	4.306	0.678
10	64	3.508	4.237	0.729
10	65	3.569	4.105	0.536
10	66	3.786	4.323	0.537
10	150	3.351	3.717	0.366
10	237	3.781	4.603	0.822
10	241	3.630	4.640	1.010
10	242	3.171	3.845	0.675
10	243	3.952	4.221	0.269
10	244	4.227	4.422	0.195
30	141	3.301	3.822	0.521
30	144	4.020	4.651	0.631
30	145	4.308	4.866	0.558
30	146	3.790	4.298	0.508
30	147	3.543	4.008	0.465
30	132	3.959	4.718	0.759
30	133	3.693	4.329	0.636
30	135	3.810	5.079	1.270
30	245	3.771	4.361	0.590
30	246	3.089	3.542	0.453
50	67	3.754	4.543	0.788
50	68	3.225	4.619	1.394
50	69	3.510	4.339	0.829
50	71	3.843	4.591	0.748
50	72	3.133	4.169	1.036
50	172	4.600	4.980	0.380
50	173	3.857	4.405	0.548
50	174	3.043	4.271	1.228
50	183	3.125	3.546	0.421
50	186	4.347	4.962	0.615
100	95	3.809	5.159	1.351
100	102	3.295	4.241	0.946
100	104	3.432	4.663	1.231
100	105	3.334	4.499	1.165
100	106	3.780	4.806	1.026
100	178	3.737	4.475	0.739
100	179	3.735	4.428	0.693
100	180	3.500	4.482	0.982
100	181	3.704	4.452	0.748
100	182	3.543	4.299	0.756
Max		4.600	5.159	1.473
Average		3.627	4.378	0.751
Min		2.895	3.523	0.000
Std Dev		0.363	0.387	0.325



97.5 __DLH Dead Time Min 1MHz		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.523	3.550	3.717	3.542	3.546	4.241
Average	3.523	4.373	4.242	4.367	4.442	4.550
Max	3.523	4.771	4.640	5.079	4.980	5.159
UL	10.000	10.000	10.000	10.000	10.000	10.000



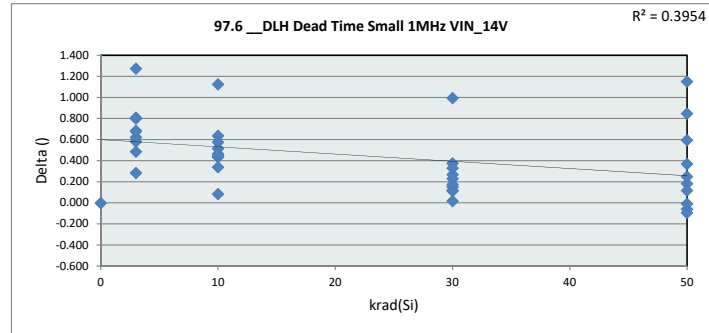
TID HDR Report

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97.6 __DLH Dead Time Small 1M

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

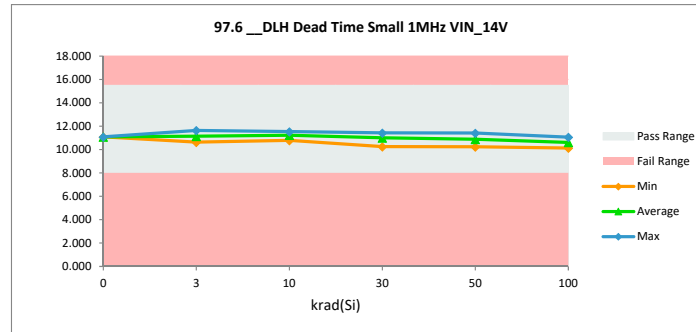
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	11.092	11.092	0.000
3	58	10.921	11.505	0.584
3	59	9.960	10.770	0.810
3	60	10.145	10.632	0.488
3	61	10.494	11.119	0.625
3	62	10.050	10.731	0.682
3	134	10.533	11.218	0.686
3	137	10.410	11.213	0.803
3	138	10.416	11.222	0.806
3	139	11.073	11.359	0.286
3	236	10.370	11.645	1.275
10	63	10.842	11.287	0.445
10	64	10.758	11.194	0.436
10	65	10.766	11.212	0.446
10	66	10.502	11.139	0.638
10	150	10.446	10.787	0.341
10	237	10.404	11.531	1.127
10	241	10.739	11.317	0.578
10	242	10.425	10.941	0.516
10	243	11.008	11.474	0.466
10	244	11.345	11.429	0.085
30	141	10.304	10.681	0.378
30	144	11.092	11.246	0.154
30	145	10.952	11.223	0.270
30	146	10.820	10.935	0.114
30	147	10.551	10.672	0.121
30	132	11.019	11.351	0.332
30	133	10.846	11.020	0.175
30	135	10.434	11.430	0.996
30	245	10.934	11.165	0.231
30	246	10.235	10.253	0.018
50	67	10.339	10.523	0.184
50	68	10.258	11.410	1.152
50	69	10.618	10.988	0.370
50	71	10.281	10.533	0.252
50	72	10.222	10.818	0.596
50	172	11.300	11.243	-0.057
50	173	11.112	11.019	-0.093
50	174	10.238	11.087	0.850
50	183	10.240	10.234	-0.007
50	186	10.870	10.988	0.118
100	95	10.990	11.066	0.075
100	102	10.432	10.135	-0.297
100	104	10.613	10.699	0.086
100	105	10.532	10.512	-0.020
100	106	10.933	10.963	0.030
100	178	10.737	10.807	0.070
100	179	10.847	10.419	-0.428
100	180	10.722	10.702	-0.021
100	181	10.751	10.459	-0.292
100	182	10.533	10.399	-0.133
Max		11.345	11.645	1.275
Average		10.636	10.976	0.340
Min		9.960	10.135	-0.428
Std Dev		0.330	0.373	0.384



97.6 __DLH Dead Time Small 1M

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	11.092	10.632	10.787	10.253	10.234	10.136
Average	11.092	11.142	11.231	10.998	10.884	10.616
Max	11.092	11.645	11.531	11.430	11.410	11.066
UL	15.500	15.500	15.500	15.500	15.500	15.500



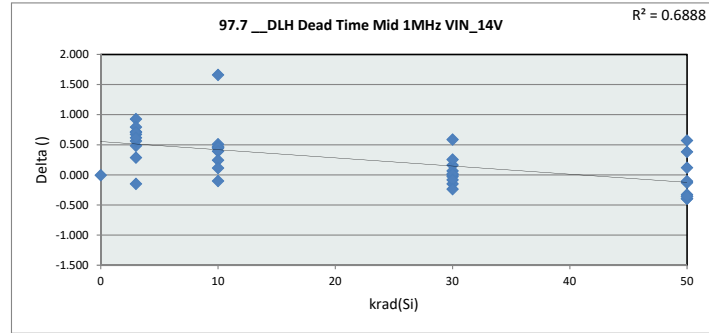
TID HDR Report

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97.7 __DLH Dead Time Mid 1MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

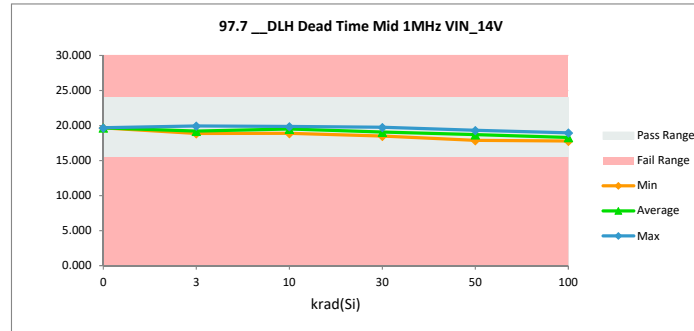
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	19.673	19.673	0.000
3	58	19.220	19.941	0.720
3	59	17.971	18.903	0.933
3	60	18.515	19.003	0.488
3	61	18.369	19.047	0.678
3	62	18.044	18.844	0.800
3	134	19.057	18.914	-0.143
3	137	18.441	19.009	0.568
3	138	18.286	18.998	0.712
3	139	19.220	19.513	0.292
3	236	19.158	19.779	0.621
10	63	19.327	19.793	0.466
10	64	19.268	19.783	0.515
10	65	19.247	19.698	0.451
10	66	18.461	18.940	0.478
10	150	18.860	19.319	0.458
10	237	18.198	19.863	1.664
10	241	18.978	18.883	-0.095
10	242	18.956	19.354	0.398
10	243	19.274	19.524	0.250
10	244	19.597	19.715	0.119
30	141	18.733	18.712	-0.021
30	144	19.367	19.535	0.168
30	145	18.868	18.875	0.006
30	146	19.147	19.218	0.071
30	147	18.914	18.769	-0.145
30	132	19.480	19.739	0.259
30	133	19.250	19.271	0.021
30	135	18.261	18.852	0.591
30	245	19.254	19.177	-0.077
30	246	18.729	18.497	-0.232
50	67	18.232	17.880	-0.352
50	68	18.699	19.276	0.576
50	69	19.152	19.027	-0.125
50	71	18.276	18.178	-0.097
50	72	18.493	18.618	0.125
50	172	19.200	18.877	-0.323
50	173	19.530	19.140	-0.390
50	174	18.916	19.305	0.389
50	183	18.617	18.228	-0.389
50	186	18.881	18.529	-0.352
100	95	19.359	18.968	-0.391
100	102	18.791	17.791	-1.001
100	104	19.072	18.400	-0.673
100	105	19.011	18.163	-0.849
100	106	19.213	18.476	-0.736
100	178	19.020	18.343	-0.677
100	179	19.232	18.219	-1.014
100	180	19.317	18.625	-0.692
100	181	19.128	18.142	-0.987
100	182	18.796	17.841	-0.955
Max		19.673	19.941	1.664
Average		18.923	18.964	0.041
Min		17.971	17.791	-1.014
Std Dev		0.424	0.570	0.575



97.7 __DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	19.673	18.844	18.883	18.497	17.880	17.791
Average	19.673	19.195	19.487	19.064	18.706	18.297
Max	19.673	19.941	19.863	19.739	19.305	18.968
UL	24.000	24.000	24.000	24.000	24.000	24.000



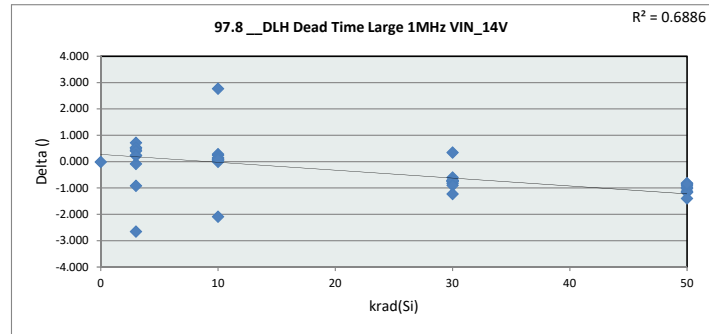
TID HDR Report

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97.8 __DLH Dead Time Large 1M

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

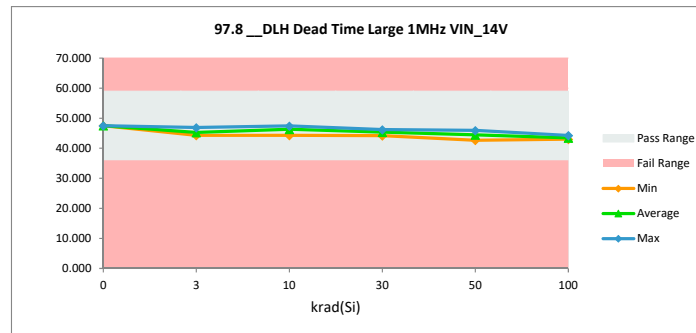
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	47.515	47.515	0.000
3	58	46.377	46.902	0.525
3	59	43.971	44.699	0.728
3	60	45.462	45.910	0.448
3	61	44.084	44.630	0.546
3	62	43.880	44.296	0.417
3	134	46.900	44.260	-2.640
3	137	44.420	44.344	-0.077
3	138	44.049	44.302	0.252
3	139	46.116	46.351	0.236
3	236	47.423	46.519	-0.904
10	63	46.915	46.997	0.082
10	64	47.136	47.199	0.062
10	65	47.155	47.449	0.293
10	66	44.093	44.345	0.252
10	150	46.647	46.800	0.153
10	237	43.663	46.441	2.778
10	241	46.335	44.257	-2.078
10	242	46.652	46.802	0.150
10	243	46.247	46.252	0.005
10	244	46.465	46.555	0.090
30	141	46.200	45.489	-0.710
30	144	46.566	45.860	-0.706
30	145	44.765	44.175	-0.590
30	146	46.359	45.545	-0.814
30	147	46.047	45.296	-0.751
30	132	46.952	46.210	-0.742
30	133	46.270	45.579	-0.691
30	135	43.884	44.241	0.357
30	245	46.629	45.740	-0.890
30	246	46.494	45.279	-1.214
50	67	43.833	42.681	-1.152
50	68	46.321	45.521	-0.800
50	69	46.513	45.402	-1.111
50	71	44.038	43.058	-0.980
50	72	45.274	44.263	-1.011
50	172	44.714	43.809	-0.905
50	173	46.733	45.583	-1.150
50	174	46.737	45.907	-0.830
50	183	45.943	44.560	-1.383
50	186	44.441	43.600	-0.841
100	95	46.658	44.020	-2.638
100	102	45.915	42.981	-2.934
100	104	46.270	43.410	-2.860
100	105	46.266	43.115	-3.151
100	106	46.438	43.377	-3.061
100	178	45.578	43.055	-2.523
100	179	46.411	43.678	-2.734
100	180	47.025	44.279	-2.746
100	181	46.458	43.290	-3.168
100	182	45.530	43.092	-2.438
Max		47.515	47.515	2.778
Average		45.858	44.998	-0.860
Min		43.663	42.681	-3.168
Std Dev		1.116	1.354	1.273



97.8 __DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	47.515	44.260	44.257	44.175	42.681	42.981
Average	47.515	45.221	46.310	45.341	44.438	43.430
Max	47.515	46.902	47.449	46.210	45.907	44.279
UL	59.000	59.000	59.000	59.000	59.000	59.000

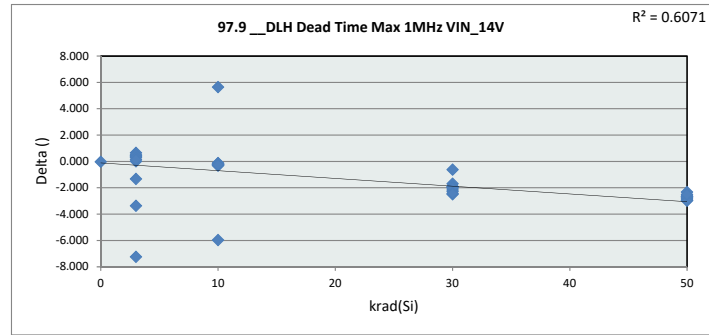


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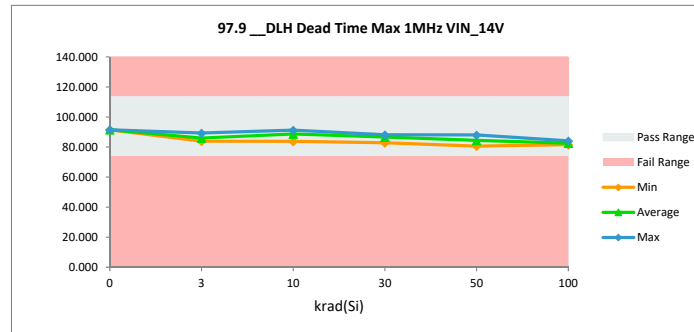
97.9 __DLH Dead Time Max 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	91.510	91.510	0.000
3	58	88.896	89.282	0.386
3	59	84.894	85.577	0.683
3	60	87.504	87.957	0.454
3	61	84.314	84.833	0.519
3	62	84.023	84.338	0.315
3	134	91.084	83.864	-7.220
3	137	85.172	83.874	-1.298
3	138	83.804	83.832	0.028
3	139	87.791	87.951	0.160
3	236	92.398	89.059	-3.339
10	63	90.872	90.750	-0.122
10	64	91.493	91.214	-0.279
10	65	90.965	90.757	-0.207
10	66	84.060	83.874	-0.186
10	150	90.535	90.436	-0.099
10	237	83.428	89.101	5.674
10	241	89.718	83.773	-5.945
10	242	90.230	89.943	-0.287
10	243	88.350	88.144	-0.206
10	244	89.229	89.001	-0.227
30	141	89.606	87.936	-1.670
30	144	89.563	87.618	-1.945
30	145	84.908	82.766	-2.141
30	146	89.605	87.361	-2.244
30	147	88.862	86.962	-1.899
30	132	89.999	88.099	-1.900
30	133	88.935	86.943	-1.992
30	135	83.669	83.072	-0.597
30	245	90.130	87.660	-2.469
30	246	89.984	87.574	-2.410
50	67	83.297	80.629	-2.668
50	68	89.500	86.866	-2.634
50	69	89.495	86.681	-2.814
50	71	83.632	80.720	-2.912
50	72	87.282	84.685	-2.597
50	172	84.372	82.079	-2.293
50	173	89.495	86.578	-2.917
50	174	90.744	88.043	-2.701
50	183	89.128	86.174	-2.954
50	186	83.944	81.463	-2.481
100	95	89.746	83.751	-5.995
100	102	88.325	81.636	-6.688
100	104	89.045	82.844	-6.200
100	105	88.576	81.755	-6.822
100	106	89.290	82.177	-7.113
100	178	86.894	81.503	-5.391
100	179	89.244	83.396	-5.848
100	180	90.217	84.116	-6.101
100	181	89.006	82.582	-6.423
100	182	87.417	81.968	-5.449
Max		92.398	91.510	5.674
Average		88.121	85.779	-2.343
Min		83.297	80.629	-7.220
Std Dev		2.607	3.092	2.663



97.9 __DLH Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	113.5	
Min Limit	74	

krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	91.510	83.832	83.773	82.766	80.629	81.503
Average	91.510	86.057	88.699	86.599	84.392	82.573
Max	91.510	89.282	91.214	88.099	88.043	84.116
UL	113.500	113.500	113.500	113.500	113.500	113.500

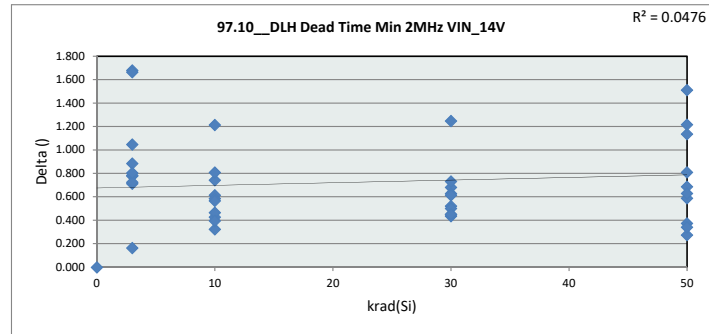


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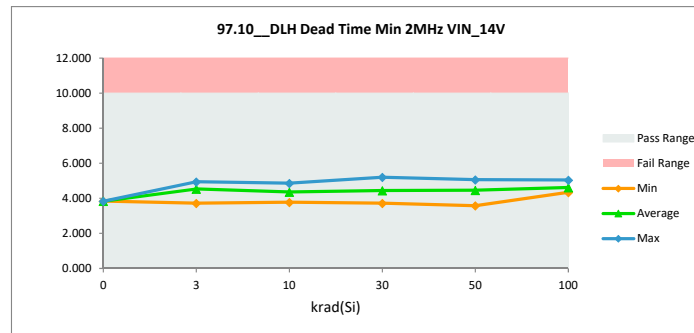
97.10 DLH Dead Time Min 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.835	3.835	0.000
3	58	3.761	4.540	0.779
3	59	3.379	4.427	1.048
3	60	3.010	3.724	0.714
3	61	3.950	4.735	0.785
3	62	3.565	4.292	0.726
3	134	3.261	4.942	1.681
3	137	3.891	4.777	0.886
3	138	4.063	4.869	0.806
3	139	4.144	4.309	0.165
3	236	3.087	4.752	1.666
10	63	3.773	4.517	0.744
10	64	3.527	4.143	0.616
10	65	3.609	4.195	0.586
10	66	3.849	4.416	0.568
10	150	3.417	3.845	0.428
10	237	3.952	4.762	0.810
10	241	3.644	4.859	1.215
10	242	3.306	3.773	0.467
10	243	4.071	4.395	0.325
10	244	4.273	4.670	0.397
30	141	3.307	3.829	0.522
30	144	4.103	4.786	0.683
30	145	4.361	4.990	0.629
30	146	3.889	4.326	0.437
30	147	3.537	3.985	0.448
30	132	4.075	4.690	0.615
30	133	3.871	4.374	0.502
30	135	3.957	5.207	1.250
30	245	3.794	4.528	0.733
30	246	3.266	3.719	0.453
50	67	3.862	4.451	0.590
50	68	3.179	4.692	1.513
50	69	3.581	4.392	0.811
50	71	3.868	4.556	0.688
50	72	3.159	4.377	1.218
50	172	4.683	5.058	0.376
50	173	3.993	4.268	0.276
50	174	3.078	4.216	1.138
50	183	3.236	3.579	0.343
50	186	4.395	5.025	0.630
100	95	3.799	5.041	1.241
100	102	3.411	4.429	1.018
100	104	3.472	4.681	1.209
100	105	3.546	4.548	1.002
100	106	3.838	4.778	0.940
100	178	3.869	4.445	0.576
100	179	3.796	4.612	0.816
100	180	3.681	4.872	1.191
100	181	3.653	4.344	0.691
100	182	3.587	4.400	0.813
Max		4.683	5.207	1.681
Average		3.710	4.470	0.760
Min		3.010	3.579	0.000
Std Dev		0.366	0.387	0.363



97.10 DLH Dead Time Min 2MHz VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.835	3.724	3.773	3.719	3.579	4.344
Average	3.835	4.537	4.358	4.443	4.462	4.615
Max	3.835	4.942	4.859	5.207	5.058	5.041
UL	10.000	10.000	10.000	10.000	10.000	10.000



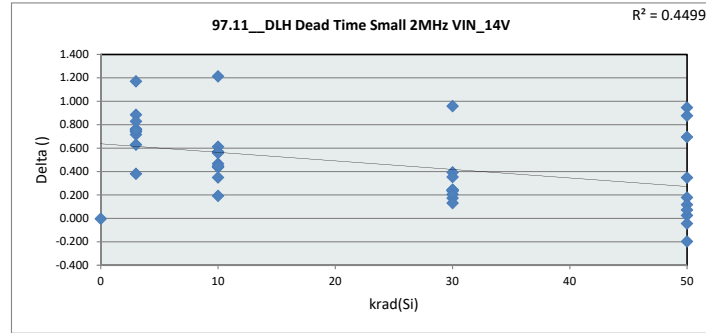
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97.11 DLH Dead Time Small 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15.5	15.5
Min Limit	8	8

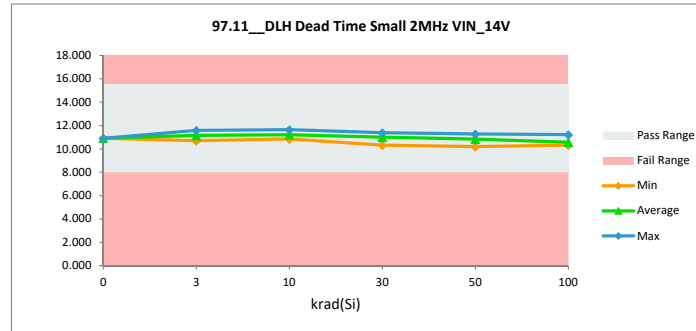
krad(Si)	Serial #	pre_short (rtp)	ST_Combo (rpt)	Delta
0	Ctrl	10.910	10.910	0.000
3	58	10.833	11.585	0.752
3	59	9.989	10.876	0.887
3	60	10.034	10.752	0.718
3	61	10.472	11.239	0.767
3	62	10.069	10.701	0.632
3	134	10.487	11.228	0.741
3	137	10.382	11.140	0.758
3	138	10.375	11.206	0.831
3	139	10.932	11.316	0.383
3	236	10.312	11.486	1.174
10	63	10.782	11.251	0.469
10	64	10.656	11.270	0.614
10	65	10.745	11.097	0.352
10	66	10.421	10.993	0.572
10	150	10.421	10.866	0.445
10	237	10.429	11.645	1.216
10	241	10.669	11.231	0.562
10	242	10.407	10.847	0.439
10	243	10.975	11.424	0.448
10	244	11.310	11.505	0.195
30	141	10.260	10.656	0.397
30	144	11.024	11.381	0.356
30	145	10.889	11.136	0.247
30	146	10.833	11.071	0.238
30	147	10.461	10.701	0.240
30	132	11.018	11.264	0.246
30	133	10.845	11.021	0.176
30	135	10.358	11.320	0.962
30	245	10.850	11.058	0.208
30	246	10.179	10.313	0.134
50	67	10.391	10.572	0.181
50	68	10.284	11.234	0.950
50	69	10.558	10.909	0.351
50	71	10.303	10.423	0.120
50	72	10.095	10.975	0.880
50	172	11.249	11.278	0.029
50	173	11.089	10.895	-0.194
50	174	10.198	10.896	0.698
50	183	10.233	10.193	-0.041
50	186	10.850	10.925	0.075
100	95	10.886	11.223	0.337
100	102	10.431	10.307	-0.125
100	104	10.613	10.611	-0.002
100	105	10.447	10.439	-0.008
100	106	10.826	10.711	-0.114
100	178	10.704	10.442	-0.262
100	179	10.764	10.454	-0.310
100	180	10.741	10.790	0.049
100	181	10.671	10.397	-0.274
100	182	10.432	10.328	-0.104
Max		11.310	11.645	1.216
Average		10.590	10.951	0.361
Min		9.989	10.193	-0.310
Std Dev		0.318	0.371	0.383



97.11 DLH Dead Time Small 2MHz

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	15.5
Min Limit	8

krad(Si)	0	3	10	30	50	100
LL	8.000	8.000	8.000	8.000	8.000	8.000
Min	10.910	10.701	10.847	10.313	10.193	10.307
Average	10.910	11.153	11.213	10.992	10.830	10.570
Max	10.910	11.585	11.645	11.381	11.278	11.223
UL	15.500	15.500	15.500	15.500	15.500	15.500

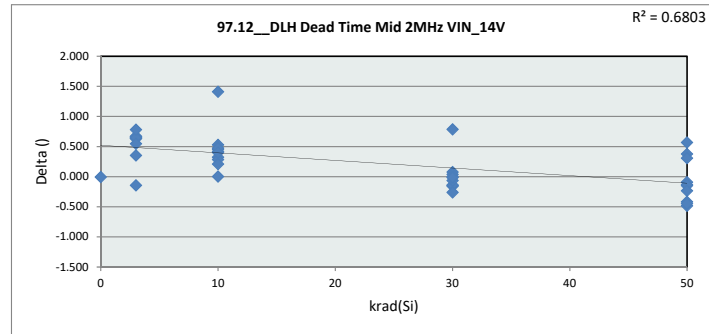


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TPS7H6003-SP (5962R2220101VXC)

97.12 DLH Dead Time Mid 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24	24
Min Limit	15.5	15.5

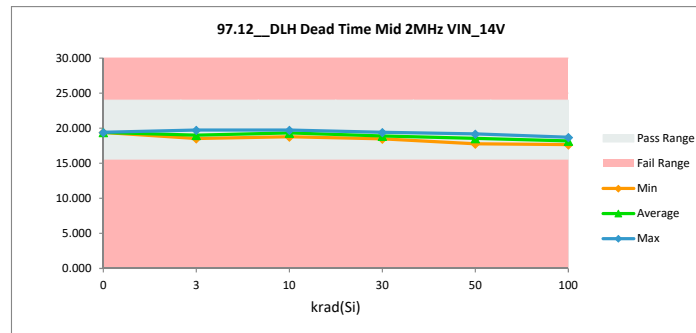
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	19.403	19.403	0.000
3	58	19.096	19.733	0.638
3	59	17.868	18.546	0.678
3	60	18.304	18.969	0.665
3	61	18.228	18.872	0.643
3	62	17.854	18.519	0.666
3	134	18.974	18.834	-0.140
3	137	18.074	18.726	0.652
3	138	18.082	18.868	0.786
3	139	19.044	19.403	0.359
3	236	18.948	19.501	0.553
10	63	19.105	19.435	0.330
10	64	19.094	19.557	0.463
10	65	19.141	19.430	0.289
10	66	18.231	18.764	0.534
10	150	18.681	19.105	0.425
10	237	18.135	19.552	1.417
10	241	18.925	18.934	0.009
10	242	18.790	19.270	0.480
10	243	19.129	19.535	0.405
10	244	19.515	19.730	0.215
30	141	18.632	18.481	-0.151
30	144	19.327	19.185	-0.142
30	145	18.769	18.851	0.083
30	146	19.060	18.926	-0.134
30	147	18.817	18.560	-0.257
30	132	19.373	19.415	0.042
30	133	19.091	19.093	0.001
30	135	18.046	18.837	0.791
30	245	19.041	18.982	-0.059
30	246	18.482	18.473	-0.008
50	67	18.171	17.759	-0.412
50	68	18.611	19.184	0.572
50	69	18.947	18.862	-0.085
50	71	17.974	17.831	-0.143
50	72	18.329	18.712	0.383
50	172	18.886	18.757	-0.129
50	173	19.435	18.957	-0.479
50	174	18.730	19.044	0.313
50	183	18.511	18.069	-0.442
50	186	18.594	18.365	-0.229
100	95	19.191	18.715	-0.476
100	102	18.683	17.658	-1.025
100	104	18.966	18.371	-0.596
100	105	18.780	18.084	-0.696
100	106	19.112	18.330	-0.782
100	178	18.750	18.012	-0.737
100	179	19.039	18.182	-0.857
100	180	19.082	18.468	-0.614
100	181	18.857	17.993	-0.865
100	182	18.622	17.983	-0.639
Max		19.515	19.733	1.417
Average		18.755	18.800	0.045
Min		17.854	17.658	-1.025
Std Dev		0.434	0.539	0.537



97.12 DLH Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24
Min Limit	15.5

krad(Si)	0	3	10	30	50	100
LL	15.500	15.500	15.500	15.500	15.500	15.500
Min	19.403	18.519	18.764	18.473	17.759	17.658
Average	19.403	18.997	19.331	18.880	18.554	18.180
Max	19.403	19.734	19.730	19.415	19.184	18.715
UL	24.000	24.000	24.000	24.000	24.000	24.000



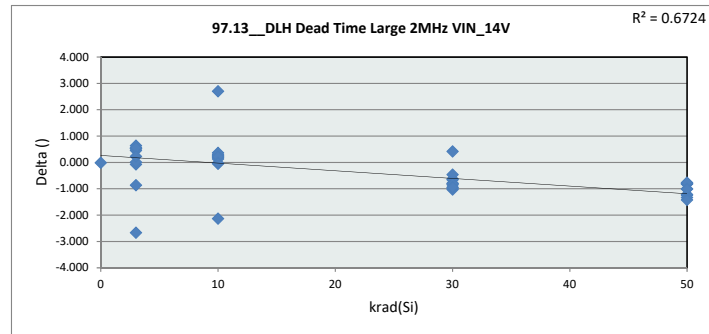
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

97.13 DLH Dead Time Large 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	59	59
Min Limit	36	36

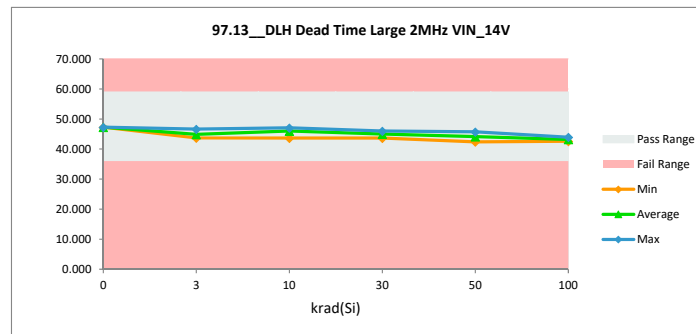
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	47.272	47.272	0.000
3	58	46.090	46.634	0.544
3	59	43.691	44.341	0.650
3	60	45.137	45.603	0.467
3	61	43.808	44.345	0.536
3	62	43.616	44.183	0.567
3	134	46.622	43.966	-2.655
3	137	44.055	43.994	-0.061
3	138	43.660	43.683	0.023
3	139	45.684	45.927	0.243
3	236	47.015	46.161	-0.854
10	63	46.563	46.763	0.200
10	64	46.665	46.965	0.300
10	65	46.791	47.060	0.269
10	66	43.753	44.128	0.375
10	150	46.220	46.364	0.144
10	237	43.379	46.094	2.715
10	241	45.781	43.661	-2.119
10	242	46.447	46.412	-0.035
10	243	45.925	46.153	0.228
10	244	46.180	46.167	-0.013
30	141	45.737	45.120	-0.617
30	144	46.192	45.411	-0.781
30	145	44.457	43.622	-0.835
30	146	46.208	45.190	-1.018
30	147	45.630	44.982	-0.648
30	132	46.437	45.984	-0.453
30	133	45.925	45.125	-0.800
30	135	43.497	43.928	0.431
30	245	46.325	45.366	-0.959
30	246	45.996	45.063	-0.933
50	67	43.636	42.408	-1.228
50	68	46.124	45.345	-0.779
50	69	46.119	44.913	-1.206
50	71	43.661	42.863	-0.798
50	72	44.956	43.964	-0.992
50	172	44.305	43.496	-0.809
50	173	46.512	45.192	-1.319
50	174	46.455	45.703	-0.752
50	183	45.674	44.261	-1.413
50	186	44.183	43.187	-0.996
100	95	46.447	43.958	-2.489
100	102	45.654	42.641	-3.013
100	104	46.052	43.308	-2.744
100	105	45.754	42.584	-3.170
100	106	46.154	43.273	-2.882
100	178	45.132	42.989	-2.143
100	179	46.147	43.419	-2.728
100	180	46.603	43.940	-2.663
100	181	46.017	43.171	-2.847
100	182	45.184	42.618	-2.566
Max		47.272	47.272	2.715
Average		45.520	44.684	-0.836
Min		43.379	42.408	-3.170
Std Dev		1.107	1.347	1.250



97.13 DLH Dead Time Large 2MHz VIN_14V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	59
Min Limit	36

krad(Si)	0	3	10	30	50	100
LL	36.000	36.000	36.000	36.000	36.000	36.000
Min	47.272	43.683	43.661	43.622	42.408	42.584
Average	47.272	44.884	45.977	44.979	44.133	43.190
Max	47.272	46.634	47.060	45.984	45.703	43.958
UL	59.000	59.000	59.000	59.000	59.000	59.000

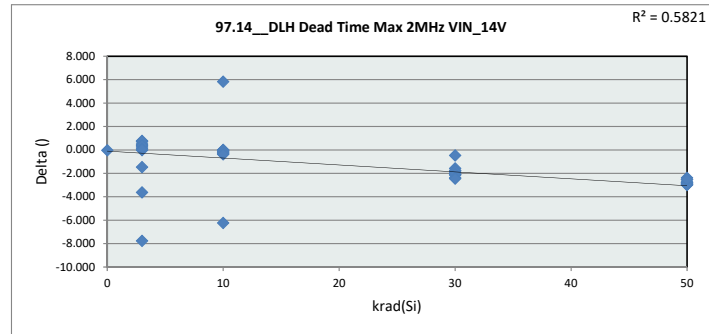


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97.14 DLH Dead Time Max 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	113.5	113.5
Min Limit	74	74

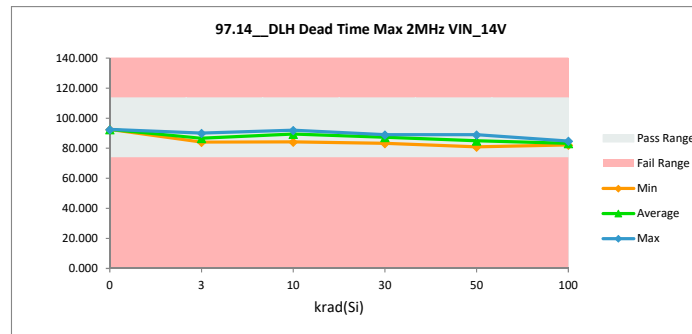
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	92.547	92.547	0.000
3	58	89.541	90.070	0.529
3	59	85.351	86.088	0.737
3	60	88.229	88.504	0.275
3	61	84.927	85.723	0.796
3	62	84.602	85.025	0.423
3	134	91.862	84.125	-7.737
3	137	85.667	84.228	-1.439
3	138	84.179	84.192	0.012
3	139	88.316	88.434	0.118
3	236	93.268	89.674	-3.594
10	63	91.581	91.484	-0.097
10	64	92.232	91.920	-0.312
10	65	91.594	91.571	-0.023
10	66	84.642	84.667	0.025
10	150	91.167	91.183	0.016
10	237	83.871	89.727	5.855
10	241	90.383	84.173	-6.210
10	242	91.068	90.827	-0.241
10	243	89.061	88.884	-0.176
10	244	89.874	89.526	-0.348
30	141	90.164	88.610	-1.553
30	144	90.186	88.273	-1.913
30	145	85.384	83.269	-2.115
30	146	90.457	88.378	-2.079
30	147	89.470	87.738	-1.732
30	132	90.740	88.968	-1.772
30	133	89.684	87.640	-2.044
30	135	84.093	83.648	-0.445
30	245	90.752	88.390	-2.362
30	246	90.580	88.156	-2.424
50	67	83.780	80.929	-2.851
50	68	90.314	87.392	-2.922
50	69	90.162	87.195	-2.967
50	71	84.034	81.269	-2.765
50	72	87.986	85.187	-2.798
50	172	84.855	82.496	-2.359
50	173	90.131	87.417	-2.714
50	174	91.499	88.995	-2.504
50	183	89.930	87.009	-2.921
50	186	84.527	82.026	-2.501
100	95	90.425	84.467	-5.958
100	102	89.093	82.263	-6.829
100	104	89.800	83.618	-6.181
100	105	89.294	82.443	-6.851
100	106	90.186	82.895	-7.291
100	178	87.494	82.224	-5.270
100	179	90.068	84.091	-5.977
100	180	90.849	84.784	-6.065
100	181	89.698	83.318	-6.380
100	182	88.091	82.609	-5.483
Max		93.268	92.547	5.855
Average		88.778	86.437	-2.342
Min		83.780	80.929	-7.737
Std Dev		2.711	3.170	2.733



97.14 DLH Dead Time Max 2MHz VIN_14V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	113.5
Min Limit	74

krad(Si)	0	3	10	30	50	100
LL	74.000	74.000	74.000	74.000	74.000	74.000
Min	92.547	84.125	84.173	83.269	80.929	82.224
Average	92.547	86.606	89.396	87.307	84.992	83.271
Max	92.547	90.070	91.920	88.968	88.995	84.784
UL	113.500	113.500	113.500	113.500	113.500	113.500

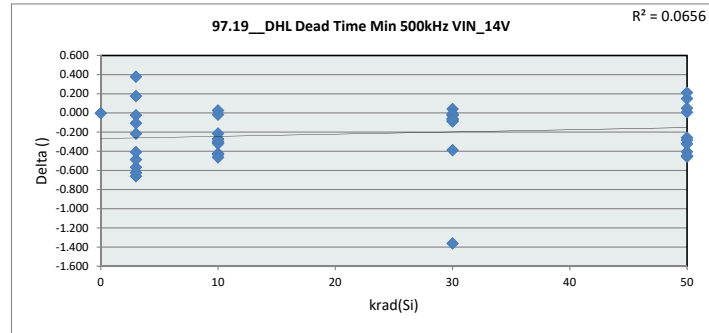


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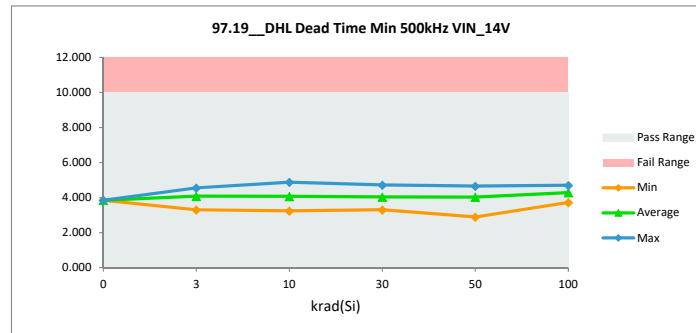
97.19 DHL Dead Time Min 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.850	3.850	0.000
3	58	4.497	3.933	-0.564
3	59	4.829	4.345	-0.484
3	60	4.650	4.438	-0.212
3	61	3.965	3.307	-0.658
3	62	3.999	3.378	-0.621
3	134	4.313	4.291	-0.021
3	137	4.258	4.155	-0.103
3	138	3.996	4.176	0.180
3	139	4.599	4.194	-0.405
3	236	4.175	4.557	0.382
10	63	4.783	4.363	-0.420
10	64	4.304	4.011	-0.293
10	65	4.534	4.103	-0.431
10	66	3.551	3.239	-0.311
10	150	4.850	4.880	0.030
10	237	4.588	4.377	-0.211
10	241	4.593	4.276	-0.317
10	242	4.482	4.022	-0.460
10	243	3.586	3.572	-0.014
10	244	4.146	3.877	-0.269
30	141	4.267	4.311	0.043
30	144	4.063	3.984	-0.079
30	145	3.949	3.564	-0.386
30	146	4.038	4.031	-0.007
30	147	4.745	4.722	-0.022
30	132	3.828	3.815	-0.014
30	133	4.511	4.451	-0.060
30	135	4.666	3.307	-1.359
30	245	3.900	3.816	-0.084
30	246	4.408	4.347	-0.061
50	67	4.836	4.382	-0.454
50	68	3.714	3.866	0.152
50	69	4.708	4.305	-0.402
50	71	3.335	2.892	-0.443
50	72	4.657	4.377	-0.280
50	172	4.205	3.886	-0.319
50	173	4.079	4.089	0.011
50	174	4.340	4.084	-0.256
50	183	4.602	4.654	0.053
50	186	3.527	3.741	0.214
100	95	4.876	4.407	-0.469
100	102	4.226	4.173	-0.053
100	104	4.887	4.435	-0.453
100	105	4.211	3.742	-0.469
100	106	4.163	4.105	-0.058
100	178	4.507	4.699	0.191
100	179	4.022	4.365	0.343
100	180	4.316	4.664	0.348
100	181	4.304	4.547	0.243
100	182	3.586	3.725	0.140
Max		4.887	4.880	0.382
Average		4.275	4.095	-0.180
Min		3.335	2.892	-1.359
Std Dev		0.397	0.421	0.316



97.19 DHL Dead Time Min 500kHz		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	3.850	3.307	3.239	3.307	2.892	3.725
Average	3.850	4.078	4.072	4.035	4.028	4.286
Max	3.850	4.557	4.880	4.722	4.654	4.699
UL	10.000	10.000	10.000	10.000	10.000	10.000

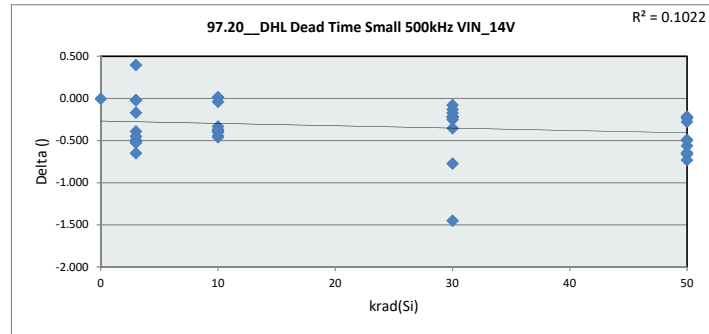


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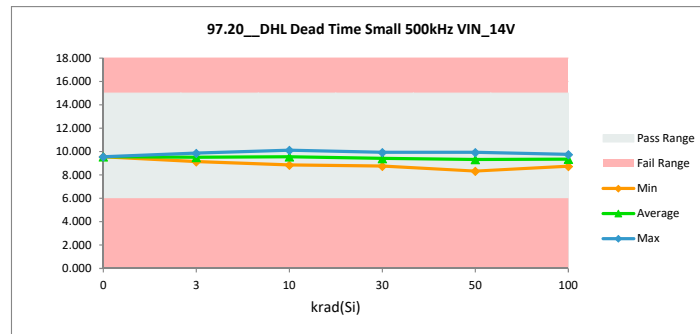
TPS7H6003-SP (5962R2220101VXC)

97.20 DHL Dead Time Small 50		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	9.561	9.561	0.000
3	58	10.069	9.559	-0.510
3	59	10.118	9.628	-0.490
3	60	9.940	9.552	-0.388
3	61	9.667	9.144	-0.522
3	62	9.810	9.165	-0.645
3	134	9.894	9.449	-0.445
3	137	9.628	9.611	-0.017
3	138	9.543	9.525	-0.018
3	139	9.777	9.611	-0.167
3	236	9.463	9.863	0.400
10	63	10.424	10.095	-0.329
10	64	9.939	9.557	-0.382
10	65	9.865	9.467	-0.397
10	66	9.295	8.852	-0.443
10	150	10.106	10.123	0.018
10	237	10.173	9.807	-0.366
10	241	9.898	9.442	-0.455
10	242	10.005	9.623	-0.381
10	243	9.182	9.195	0.013
10	244	9.517	9.479	-0.037
30	141	9.514	9.302	-0.213
30	144	9.701	9.454	-0.248
30	145	9.764	8.995	-0.769
30	146	9.657	9.435	-0.222
30	147	10.169	9.818	-0.351
30	132	9.629	9.554	-0.075
30	133	10.151	9.936	-0.215
30	135	10.207	8.760	-1.447
30	245	9.410	9.281	-0.129
30	246	9.794	9.624	-0.170
50	67	10.496	9.937	-0.559
50	68	9.445	9.233	-0.212
50	69	10.250	9.591	-0.659
50	71	9.059	8.332	-0.727
50	72	9.904	9.263	-0.641
50	172	9.645	9.157	-0.488
50	173	9.796	9.574	-0.222
50	174	9.820	9.326	-0.494
50	183	10.088	9.814	-0.274
50	186	9.314	9.083	-0.231
100	95	10.173	9.225	-0.948
100	102	9.805	9.332	-0.473
100	104	10.345	9.603	-0.742
100	105	9.903	8.741	-1.162
100	106	9.783	9.404	-0.379
100	178	9.952	9.693	-0.259
100	179	9.720	9.445	-0.275
100	180	9.985	9.751	-0.234
100	181	9.849	9.434	-0.415
100	182	9.216	8.902	-0.314
Max		10.496	10.123	0.400
Average		9.812	9.437	-0.375
Min		9.059	8.332	-1.447
Std Dev		0.322	0.349	0.308



97.20 DHL Dead Time Small 500kHz VIN_14V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	15					
Min Limit	6					
krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.561	9.144	8.852	8.760	8.332	8.741
Average	9.561	9.511	9.564	9.416	9.331	9.353
Max	9.561	9.863	10.124	9.936	9.937	9.751
UL	15.000	15.000	15.000	15.000	15.000	15.000

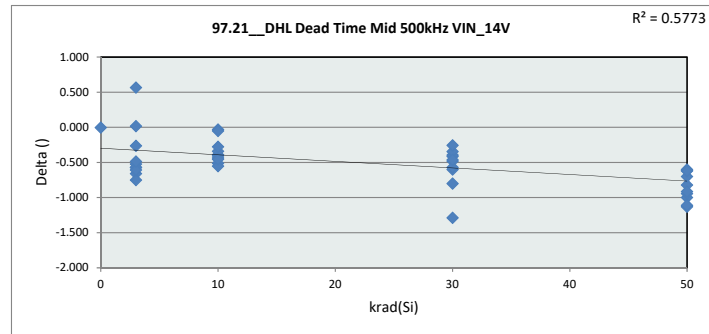


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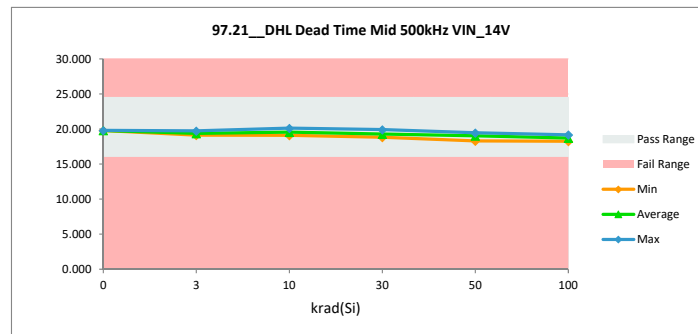
97.21 DHL Dead Time Mid 500kHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	19.788	19.788	0.000
3	58	20.119	19.601	-0.518
3	59	19.780	19.125	-0.655
3	60	19.673	19.109	-0.565
3	61	19.836	19.267	-0.569
3	62	20.198	19.451	-0.747
3	134	19.978	19.375	-0.603
3	137	19.366	19.387	0.021
3	138	19.691	19.210	-0.481
3	139	19.551	19.292	-0.260
3	236	19.164	19.733	0.569
10	63	20.631	20.125	-0.506
10	64	20.065	19.679	-0.386
10	65	19.670	19.268	-0.402
10	66	19.644	19.094	-0.549
10	150	19.852	19.826	-0.026
10	237	20.137	19.705	-0.432
10	241	19.644	19.308	-0.337
10	242	20.038	19.766	-0.272
10	243	19.564	19.516	-0.048
10	244	19.629	19.179	-0.450
30	141	19.237	18.826	-0.410
30	144	19.941	19.346	-0.596
30	145	20.141	19.345	-0.797
30	146	19.650	19.172	-0.478
30	147	19.980	19.414	-0.566
30	132	19.962	19.572	-0.390
30	133	20.249	19.908	-0.340
30	135	20.148	18.865	-1.283
30	245	19.511	19.051	-0.460
30	246	19.490	19.238	-0.252
50	67	20.459	19.463	-0.995
50	68	19.658	19.049	-0.609
50	69	20.224	19.285	-0.939
50	71	19.420	18.294	-1.126
50	72	19.678	18.572	-1.106
50	172	19.470	18.652	-0.818
50	173	19.942	19.346	-0.596
50	174	20.009	19.098	-0.911
50	183	19.997	19.301	-0.696
50	186	19.707	19.090	-0.617
100	95	19.826	18.250	-1.576
100	102	19.866	18.488	-1.378
100	104	20.213	18.823	-1.390
100	105	20.235	18.486	-1.749
100	106	19.910	18.831	-1.079
100	178	19.949	19.055	-0.894
100	179	19.805	18.937	-0.868
100	180	20.068	19.179	-0.889
100	181	19.930	18.695	-1.236
100	182	19.364	18.371	-0.993
Max		20.631	20.125	0.569
Average		19.844	19.192	-0.652
Min		19.164	18.250	-1.749
Std Dev		0.306	0.425	0.433



97.21 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	24.5	
Min Limit	16	

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	19.788	19.109	19.094	18.826	18.294	18.250
Average	19.788	19.355	19.547	19.274	19.015	18.712
Max	19.788	19.733	20.125	19.908	19.463	19.179
UL	24.500	24.500	24.500	24.500	24.500	24.500



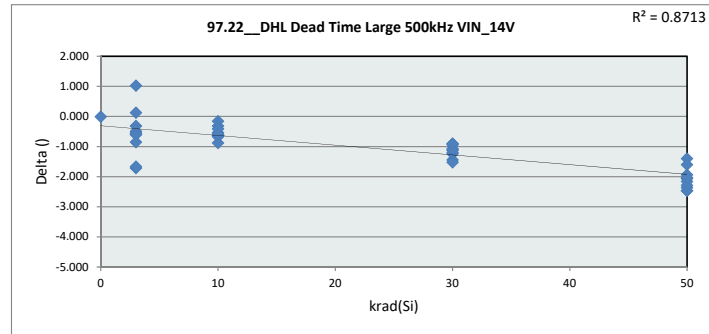
TID HDR Report

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97.22 DHL Dead Time Large 500kHz VIN_14V

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

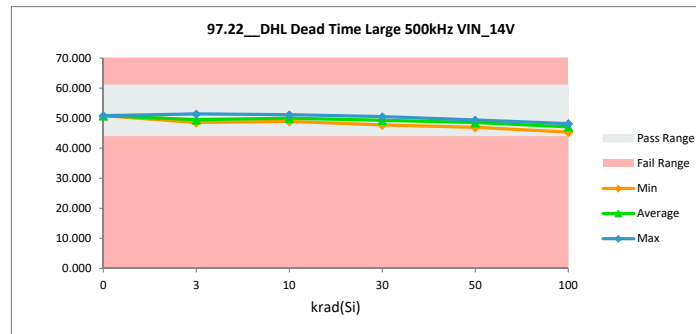
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	50.846	50.846	0.000
3	58	50.650	50.109	-0.541
3	59	49.081	48.516	-0.565
3	60	49.112	48.633	-0.479
3	61	51.105	50.508	-0.597
3	62	52.283	51.440	-0.843
3	134	50.680	48.977	-1.702
3	137	48.996	49.131	0.135
3	138	50.661	49.006	-1.655
3	139	49.417	49.113	-0.303
3	236	48.737	49.770	1.033
10	63	51.814	51.154	-0.660
10	64	51.286	50.757	-0.529
10	65	49.522	48.896	-0.626
10	66	50.823	50.200	-0.622
10	150	49.332	49.185	-0.147
10	237	50.595	49.728	-0.867
10	241	49.515	49.212	-0.303
10	242	50.914	50.285	-0.629
10	243	51.231	50.829	-0.401
10	244	50.118	49.542	-0.576
30	141	48.835	47.724	-1.111
30	144	50.958	49.527	-1.431
30	145	51.907	50.393	-1.514
30	146	50.485	49.256	-1.229
30	147	49.672	48.476	-1.195
30	132	51.452	50.524	-0.928
30	133	51.358	50.300	-1.058
30	135	50.578	49.681	-0.897
30	245	49.925	48.825	-1.100
30	246	49.040	48.142	-0.898
50	67	51.073	49.146	-1.927
50	68	50.631	49.243	-1.388
50	69	50.725	48.375	-2.350
50	71	50.995	48.545	-2.451
50	72	49.418	46.961	-2.456
50	172	49.478	47.423	-2.055
50	173	50.819	49.226	-1.593
50	174	50.785	48.510	-2.275
50	183	50.518	48.370	-2.149
50	186	51.399	49.376	-2.023
100	95	49.488	45.382	-4.106
100	102	50.620	46.984	-3.636
100	104	50.624	46.985	-3.639
100	105	52.042	48.202	-3.840
100	106	50.906	47.641	-3.265
100	178	50.382	47.049	-3.334
100	179	50.502	47.638	-2.864
100	180	51.058	47.629	-3.430
100	181	50.577	46.819	-3.758
100	182	50.316	47.075	-3.241
Max		52.283	51.440	1.033
Average		50.457	48.927	-1.530
Min		48.737	45.382	-4.106
Std Dev		0.875	1.311	1.218



97.22 DHL Dead Time Large 500kHz VIN_14V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	61
Min Limit	44

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	50.846	48.516	48.896	47.725	46.962	45.382
Average	50.846	49.520	49.979	49.285	48.517	47.140
Max	50.846	51.440	51.155	50.524	49.376	48.202
UL	61.000	61.000	61.000	61.000	61.000	61.000

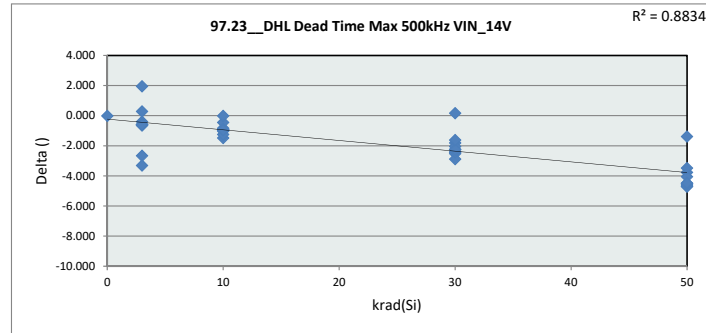


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97.23 DHL Dead Time Max 500		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

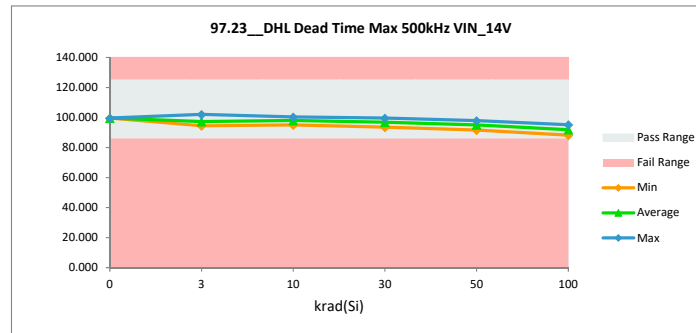
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	99.641	99.641	0.000
3	58	98.427	97.799	-0.628
3	59	95.016	94.457	-0.558
3	60	95.778	95.406	-0.372
3	61	100.436	99.854	-0.582
3	62	102.665	102.081	-0.584
3	134	99.168	96.530	-2.638
3	137	96.226	96.531	0.305
3	138	99.858	96.566	-3.292
3	139	96.966	96.371	-0.595
3	236	95.367	97.340	1.972
10	63	100.987	99.984	-1.003
10	64	100.946	100.135	-0.811
10	65	96.757	95.842	-0.914
10	66	99.881	98.937	-0.944
10	150	95.433	95.007	-0.426
10	237	98.882	97.416	-1.466
10	241	96.574	96.577	0.003
10	242	99.431	98.204	-1.227
10	243	101.228	100.351	-0.877
10	244	98.231	97.287	-0.945
30	141	95.874	93.491	-2.384
30	144	99.987	97.488	-2.500
30	145	102.228	99.363	-2.865
30	146	99.252	97.039	-2.213
30	147	97.221	94.817	-2.404
30	132	101.363	99.576	-1.787
30	133	100.756	98.734	-2.023
30	135	98.428	98.609	0.181
30	245	97.864	95.623	-2.241
30	246	95.757	94.152	-1.605
50	67	99.655	95.913	-3.742
50	68	99.241	97.871	-1.371
50	69	98.611	94.026	-4.585
50	71	100.594	95.928	-4.666
50	72	96.316	91.625	-4.690
50	172	96.755	92.719	-4.036
50	173	99.725	96.263	-3.462
50	174	99.467	94.952	-4.515
50	183	98.629	94.147	-4.481
50	186	101.796	97.342	-4.455
100	95	96.670	88.233	-8.437
100	102	99.347	91.692	-7.654
100	104	98.467	91.367	-7.101
100	105	102.712	95.211	-7.501
100	106	100.171	92.902	-7.269
100	178	98.520	91.558	-6.962
100	179	98.935	92.494	-6.441
100	180	99.914	92.545	-7.370
100	181	98.826	91.159	-7.667
100	182	98.999	92.134	-6.866
Max		102.712	102.081	1.972
Average		98.823	95.908	-2.916
Min		95.016	88.233	-8.437
Std Dev		1.980	2.944	2.659



97.23 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	99.641	94.457	95.007	93.491	91.625	88.233
Average	99.641	97.293	97.974	96.889	95.079	91.929
Max	99.641	102.081	100.351	99.576	97.871	95.211
UL	125.000	125.000	125.000	125.000	125.000	125.000



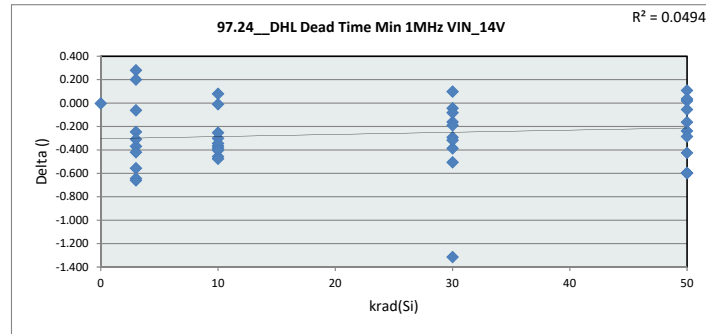
TID HDR Report

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97.24 DHL Dead Time Min 1MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

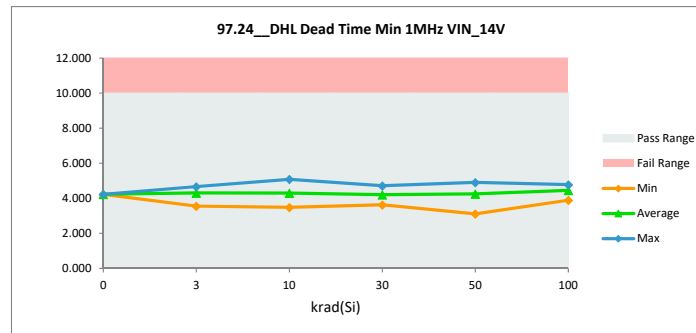
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.228	4.228	0.000
3	58	4.830	4.189	-0.641
3	59	5.097	4.543	-0.554
3	60	4.932	4.566	-0.366
3	61	4.214	3.557	-0.657
3	62	4.172	3.755	-0.417
3	134	4.550	4.491	-0.058
3	137	4.569	4.325	-0.244
3	138	4.281	4.483	0.203
3	139	4.762	4.456	-0.307
3	236	4.384	4.667	0.283
10	63	5.115	4.752	-0.363
10	64	4.587	4.133	-0.454
10	65	4.690	4.392	-0.298
10	66	3.863	3.480	-0.383
10	150	5.096	5.089	-0.007
10	237	4.956	4.614	-0.342
10	241	4.790	4.389	-0.401
10	242	4.721	4.248	-0.473
10	243	3.692	3.774	0.082
10	244	4.314	4.063	-0.250
30	141	4.556	4.266	-0.291
30	144	4.431	4.047	-0.384
30	145	4.181	3.677	-0.503
30	146	4.311	4.269	-0.041
30	147	5.030	4.715	-0.315
30	132	4.103	4.204	0.101
30	133	4.759	4.600	-0.159
30	135	4.944	3.632	-1.312
30	245	4.225	4.038	-0.187
30	246	4.695	4.616	-0.079
50	67	5.064	4.904	-0.160
50	68	4.081	4.192	0.111
50	69	4.983	4.390	-0.593
50	71	3.712	3.116	-0.595
50	72	4.843	4.420	-0.423
50	172	4.405	4.170	-0.235
50	173	4.288	4.310	0.022
50	174	4.651	4.369	-0.283
50	183	4.800	4.838	0.038
50	186	3.827	3.775	-0.052
100	95	5.020	4.574	-0.446
100	102	4.505	4.524	0.020
100	104	5.043	4.609	-0.434
100	105	4.436	3.968	-0.467
100	106	4.394	4.465	0.071
100	178	4.694	4.778	0.083
100	179	4.413	4.473	0.060
100	180	4.597	4.764	0.167
100	181	4.662	4.533	-0.128
100	182	3.811	3.893	0.082
Max		5.115	5.089	0.283
Average		4.535	4.300	-0.235
Min		3.692	3.116	-1.312
Std Dev		0.384	0.399	0.289



97.24 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	10
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.228	3.557	3.481	3.632	3.117	3.893
Average	4.228	4.303	4.293	4.206	4.248	4.458
Max	4.228	4.667	5.089	4.715	4.904	4.778
UL	10.000	10.000	10.000	10.000	10.000	10.000

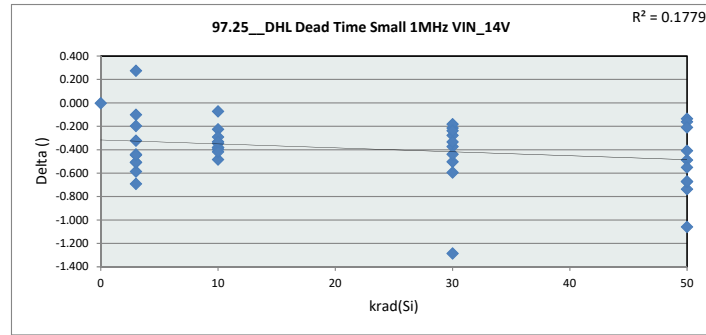


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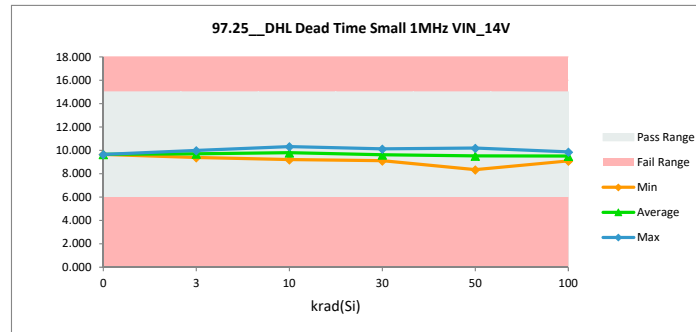
97.25 DHL Dead Time Small 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	9.657	9.657	0.000
3	58	10.406	9.717	-0.689
3	59	10.447	9.862	-0.584
3	60	10.136	9.699	-0.437
3	61	9.889	9.384	-0.505
3	62	9.945	9.441	-0.504
3	134	10.178	9.736	-0.442
3	137	9.872	9.773	-0.099
3	138	9.872	9.677	-0.195
3	139	10.102	9.782	-0.319
3	236	9.710	9.987	0.277
10	63	10.807	10.326	-0.481
10	64	10.242	9.864	-0.378
10	65	10.040	9.696	-0.344
10	66	9.591	9.213	-0.378
10	150	10.389	10.320	-0.069
10	237	10.466	10.072	-0.395
10	241	10.157	9.741	-0.416
10	242	10.157	9.934	-0.223
10	243	9.546	9.257	-0.288
10	244	9.947	9.618	-0.329
30	141	9.743	9.372	-0.371
30	144	10.083	9.582	-0.501
30	145	9.968	9.375	-0.592
30	146	9.932	9.720	-0.212
30	147	10.378	9.942	-0.436
30	132	9.897	9.718	-0.179
30	133	10.408	10.133	-0.275
30	135	10.400	9.118	-1.283
30	245	9.745	9.414	-0.331
30	246	10.047	9.812	-0.235
50	67	10.653	10.168	-0.485
50	68	9.739	9.333	-0.406
50	69	10.453	9.719	-0.734
50	71	9.409	8.353	-1.056
50	72	10.193	9.524	-0.669
50	172	9.831	9.283	-0.548
50	173	9.976	9.843	-0.133
50	174	10.131	9.463	-0.669
50	183	10.354	10.196	-0.159
50	186	9.574	9.368	-0.207
100	95	10.328	9.385	-0.943
100	102	10.090	9.513	-0.577
100	104	10.589	9.706	-0.883
100	105	10.228	9.107	-1.121
100	106	10.083	9.538	-0.545
100	178	10.254	9.803	-0.451
100	179	9.973	9.538	-0.435
100	180	10.341	9.868	-0.473
100	181	10.147	9.571	-0.575
100	182	9.458	9.093	-0.365
Max		10.807	10.326	0.277
Average		10.078	9.634	-0.444
Min		9.409	8.353	-1.283
Std Dev		0.315	0.352	0.281



97.25 DHL Dead Time Small 1MHz VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	9.657	9.384	9.213	9.118	8.353	9.093
Average	9.657	9.706	9.804	9.619	9.525	9.512
Max	9.657	9.987	10.327	10.133	10.196	9.868
UL	15.000	15.000	15.000	15.000	15.000	15.000

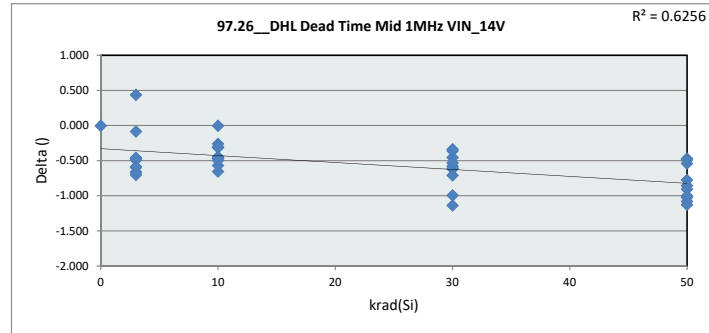


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97.26 DHL Dead Time Mid 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

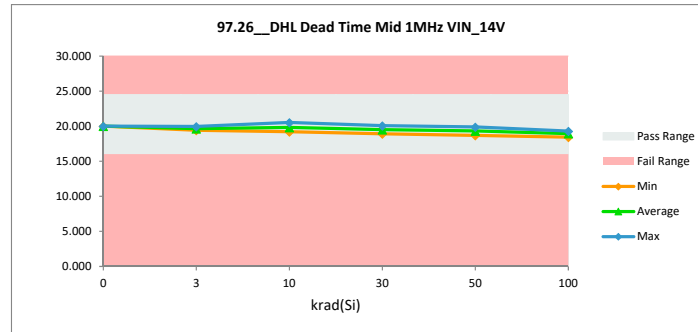
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	20.004	20.004	0.000
3	58	20.463	19.764	-0.699
3	59	20.135	19.553	-0.583
3	60	19.910	19.448	-0.462
3	61	20.146	19.660	-0.486
3	62	20.538	19.877	-0.661
3	134	20.335	19.669	-0.666
3	137	19.608	19.527	-0.081
3	138	20.079	19.623	-0.456
3	139	20.004	19.413	-0.591
3	236	19.528	19.968	0.440
10	63	20.999	20.537	-0.462
10	64	20.451	20.010	-0.441
10	65	19.884	19.573	-0.311
10	66	19.864	19.213	-0.650
10	150	20.161	20.161	0.000
10	237	20.530	19.966	-0.564
10	241	19.993	19.539	-0.454
10	242	20.455	19.964	-0.491
10	243	19.946	19.690	-0.257
10	244	19.936	19.636	-0.299
30	141	19.533	18.919	-0.614
30	144	20.263	19.660	-0.603
30	145	20.416	19.426	-0.989
30	146	19.983	19.532	-0.451
30	147	20.218	19.643	-0.575
30	132	20.225	19.868	-0.357
30	133	20.590	20.062	-0.528
30	135	20.434	19.301	-1.134
30	245	19.822	19.116	-0.706
30	246	19.819	19.485	-0.334
50	67	20.737	19.885	-0.851
50	68	19.915	19.449	-0.466
50	69	20.518	19.498	-1.020
50	71	19.750	18.673	-1.078
50	72	19.975	18.850	-1.125
50	172	19.803	18.900	-0.903
50	173	20.146	19.662	-0.485
50	174	20.278	19.281	-0.996
50	183	20.292	19.756	-0.537
50	186	20.034	19.263	-0.771
100	95	20.201	18.435	-1.766
100	102	20.229	18.982	-1.247
100	104	20.557	18.966	-1.591
100	105	20.610	18.785	-1.824
100	106	20.242	19.098	-1.144
100	178	20.290	19.246	-1.044
100	179	20.102	19.131	-0.971
100	180	20.485	19.304	-1.181
100	181	20.224	18.862	-1.362
100	182	19.678	18.649	-1.028
Max		20.999	20.537	0.440
Average		20.163	19.460	-0.703
Min		19.528	18.435	-1.824
Std Dev		0.317	0.438	0.439



97.26 DHL Dead Time Mid 1MHz VIN_14V

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24.5
Min Limit	16

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	20.004	19.413	19.213	18.919	18.673	18.435
Average	20.004	19.650	19.829	19.501	19.322	18.946
Max	20.004	19.968	20.537	20.062	19.886	19.304
UL	24.500	24.500	24.500	24.500	24.500	24.500

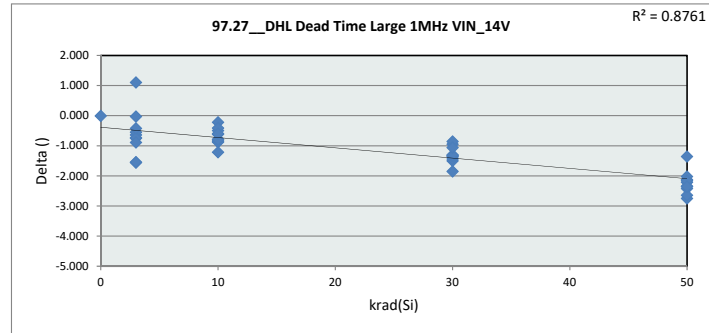


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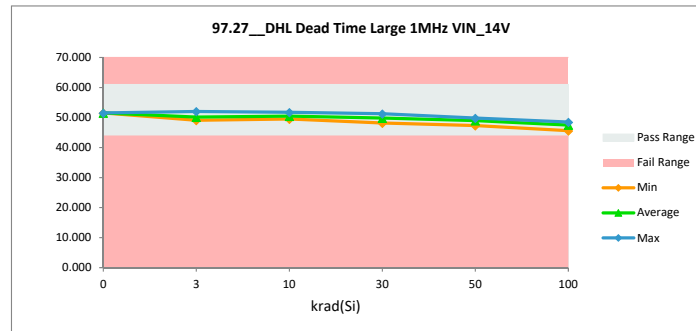
97.27 DHL Dead Time Large 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt) (	Delta
0	Ctrl	51.534	51.534	0.000
3	58	51.188	50.455	-0.733
3	59	49.669	49.039	-0.631
3	60	49.745	49.203	-0.542
3	61	51.849	51.126	-0.723
3	62	52.911	52.031	-0.880
3	134	51.319	49.771	-1.549
3	137	49.674	49.652	-0.021
3	138	51.298	49.762	-1.536
3	139	49.988	49.575	-0.413
3	236	49.291	50.401	1.110
10	63	52.483	51.707	-0.776
10	64	52.064	51.195	-0.869
10	65	50.111	49.502	-0.610
10	66	51.397	50.557	-0.840
10	150	49.926	49.718	-0.208
10	237	51.305	50.100	-1.204
10	241	50.011	49.525	-0.486
10	242	51.573	50.779	-0.794
10	243	51.891	51.489	-0.402
10	244	50.599	50.011	-0.588
30	141	49.507	48.148	-1.359
30	144	51.573	50.082	-1.492
30	145	52.715	50.874	-1.841
30	146	51.081	49.787	-1.294
30	147	50.361	48.937	-1.425
30	132	52.170	51.232	-0.938
30	133	51.946	50.613	-1.333
30	135	51.143	50.293	-0.849
30	245	50.582	49.275	-1.306
30	246	49.645	48.593	-1.052
50	67	51.761	49.559	-2.202
50	68	51.166	49.819	-1.348
50	69	51.291	48.882	-2.409
50	71	51.721	48.982	-2.739
50	72	49.955	47.322	-2.633
50	172	50.127	48.011	-2.116
50	173	51.522	49.509	-2.014
50	174	51.357	49.029	-2.328
50	183	51.027	48.878	-2.149
50	186	52.130	49.784	-2.346
100	95	50.180	45.610	-4.569
100	102	51.259	47.430	-3.828
100	104	51.188	47.286	-3.902
100	105	52.740	48.479	-4.260
100	106	51.568	48.001	-3.567
100	178	51.004	47.628	-3.376
100	179	51.104	47.884	-3.220
100	180	51.587	47.960	-3.627
100	181	51.168	47.166	-4.003
100	182	50.826	47.474	-3.353
Max		52.911	52.031	1.110
Average		51.083	49.405	-1.678
Min		49.291	45.610	-4.569
Std Dev		0.904	1.373	1.285



97.27 DHL Dead Time Large 1MHz VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	61	
Min Limit	44	

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	51.534	49.039	49.502	48.148	47.322	45.610
Average	51.534	50.102	50.458	49.783	48.977	47.492
Max	51.534	52.031	51.707	51.232	49.819	48.479
UL	61.000	61.000	61.000	61.000	61.000	61.000

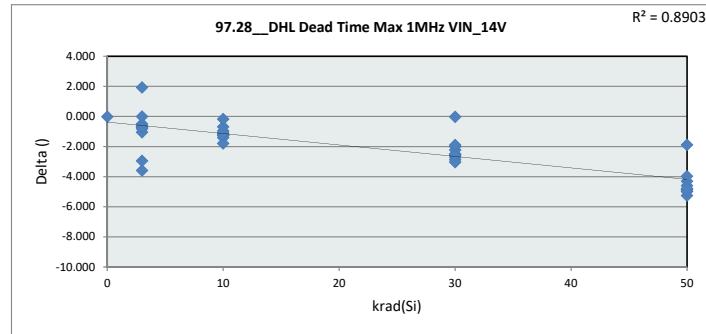


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TPS7H6003-SP (5962R2220101VXC)

97.28 DHL Dead Time Max 1MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

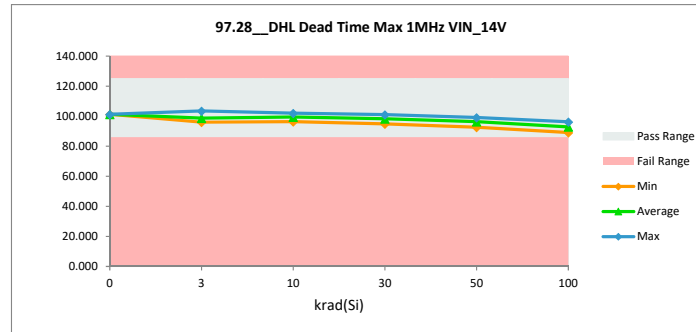
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	101.248	101.248	0.000
3	58	99.908	99.259	-0.649
3	59	96.545	96.070	-0.475
3	60	97.389	96.768	-0.620
3	61	102.174	101.381	-0.792
3	62	104.520	103.492	-1.027
3	134	100.850	97.917	-2.933
3	137	97.719	97.737	0.018
3	138	101.541	97.972	-3.569
3	139	98.582	97.868	-0.714
3	236	96.864	98.815	1.951
10	63	102.573	101.363	-1.210
10	64	102.744	101.668	-1.076
10	65	98.417	97.192	-1.225
10	66	101.469	100.080	-1.389
10	150	96.978	96.316	-0.661
10	237	100.504	98.731	-1.773
10	241	98.126	97.975	-0.152
10	242	100.965	99.728	-1.237
10	243	102.918	101.981	-0.937
10	244	99.943	98.787	-1.156
30	141	97.517	94.823	-2.695
30	144	101.688	98.831	-2.857
30	145	103.928	100.913	-3.015
30	146	100.852	98.381	-2.471
30	147	98.667	96.158	-2.509
30	132	103.030	101.044	-1.986
30	133	102.398	100.190	-2.208
30	135	99.920	99.918	-0.002
30	245	99.514	96.950	-2.564
30	246	97.309	95.434	-1.875
50	67	101.294	97.017	-4.277
50	68	100.943	99.074	-1.869
50	69	100.177	95.361	-4.817
50	71	102.315	97.487	-4.829
50	72	97.894	92.660	-5.235
50	172	98.373	93.801	-4.572
50	173	101.416	97.467	-3.949
50	174	101.052	96.092	-4.959
50	183	100.237	95.292	-4.945
50	186	103.521	98.755	-4.766
100	95	98.247	89.108	-9.139
100	102	100.908	92.549	-8.358
100	104	100.072	92.256	-7.816
100	105	104.445	96.265	-8.180
100	106	101.970	94.033	-7.937
100	178	100.058	92.631	-7.428
100	179	100.651	93.587	-7.064
100	180	101.541	93.607	-7.934
100	181	100.469	91.887	-8.582
100	182	100.565	93.141	-7.424
Max		104.520	103.492	1.951
Average		100.450	97.197	-3.253
Min		96.545	89.108	-9.139
Std Dev		2.036	3.112	2.840



97.28 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	101.248	96.070	96.316	94.823	92.660	89.108
Average	101.248	98.728	99.382	98.264	96.300	92.906
Max	101.248	103.492	101.982	101.044	99.074	96.265
UL	125.000	125.000	125.000	125.000	125.000	125.000

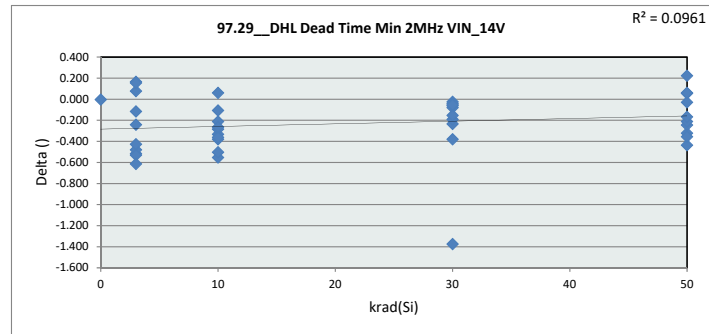


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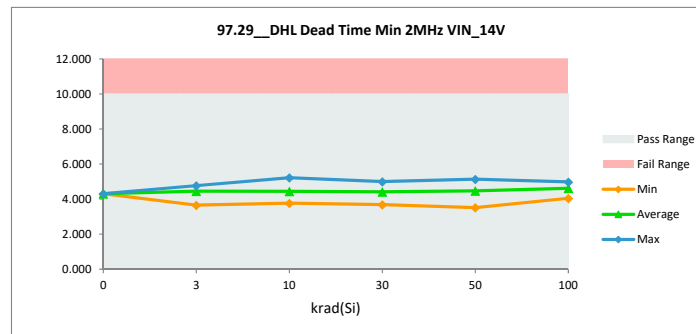
97.29 DHL Dead Time Min 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	10	10
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	4.306	4.306	0.000
3	58	4.843	4.328	-0.514
3	59	5.175	4.698	-0.477
3	60	5.129	4.705	-0.424
3	61	4.363	3.835	-0.528
3	62	4.268	3.657	-0.612
3	134	4.848	4.608	-0.240
3	137	4.575	4.655	0.080
3	138	4.383	4.551	0.168
3	139	4.885	4.772	-0.113
3	236	4.497	4.654	0.157
10	63	5.295	4.745	-0.550
10	64	4.599	4.269	-0.330
10	65	4.747	4.539	-0.208
10	66	4.047	3.766	-0.281
10	150	5.161	5.223	0.062
10	237	5.009	4.632	-0.377
10	241	5.009	4.649	-0.360
10	242	4.878	4.378	-0.500
10	243	4.001	3.897	-0.104
10	244	4.547	4.285	-0.262
30	141	4.666	4.434	-0.232
30	144	4.597	4.575	-0.022
30	145	4.289	3.912	-0.378
30	146	4.573	4.383	-0.190
30	147	5.032	4.996	-0.037
30	132	4.307	4.232	-0.076
30	133	4.932	4.873	-0.059
30	135	5.051	3.680	-1.371
30	245	4.394	4.242	-0.151
30	246	4.879	4.828	-0.051
50	67	5.288	4.855	-0.433
50	68	4.146	4.205	0.058
50	69	5.052	4.733	-0.319
50	71	3.761	3.519	-0.243
50	72	5.088	4.879	-0.209
50	172	4.517	4.353	-0.165
50	173	4.586	4.560	-0.026
50	174	4.776	4.423	-0.353
50	183	4.910	5.136	0.226
50	186	3.946	4.009	0.063
100	95	5.084	4.739	-0.345
100	102	4.557	4.701	0.144
100	104	5.184	4.907	-0.278
100	105	4.502	4.114	-0.388
100	106	4.469	4.596	0.127
100	178	4.861	4.817	-0.043
100	179	4.477	4.677	0.200
100	180	4.703	4.984	0.282
100	181	4.731	4.650	-0.081
100	182	3.922	4.047	0.125
Max		5.295	5.223	0.282
Average		4.664	4.475	-0.189
Min		3.761	3.519	-1.371
Std Dev		0.379	0.395	0.285



97.29 DHL Dead Time		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	10	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.306	3.657	3.766	3.680	3.519	4.047
Average	4.306	4.446	4.438	4.415	4.467	4.623
Max	4.306	4.772	5.223	4.996	5.136	4.984
UL	10.000	10.000	10.000	10.000	10.000	10.000

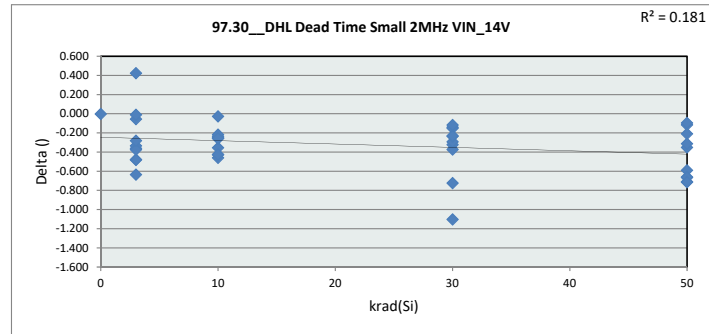


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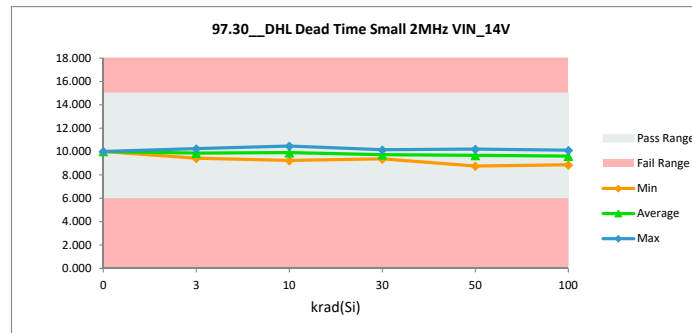
97.30 DHL Dead Time Small 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	15	15
Min Limit	6	6

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	10.011	10.011	0.000
3	58	10.411	9.935	-0.476
3	59	10.412	10.054	-0.358
3	60	10.336	10.004	-0.332
3	61	10.058	9.426	-0.632
3	62	9.986	9.507	-0.479
3	134	10.258	9.886	-0.372
3	137	9.939	9.887	-0.052
3	138	9.858	9.849	-0.009
3	139	10.217	9.939	-0.278
3	236	9.817	10.245	0.427
10	63	10.875	10.449	-0.426
10	64	10.214	9.982	-0.233
10	65	10.015	9.763	-0.252
10	66	9.697	9.241	-0.456
10	150	10.505	10.481	-0.024
10	237	10.577	10.225	-0.352
10	241	10.130	9.882	-0.248
10	242	10.344	9.921	-0.423
10	243	9.587	9.372	-0.215
10	244	10.021	9.765	-0.255
30	141	9.764	9.444	-0.320
30	144	10.000	9.862	-0.137
30	145	10.100	9.379	-0.721
30	146	10.086	9.716	-0.370
30	147	10.443	10.152	-0.290
30	132	9.909	9.761	-0.148
30	133	10.373	10.142	-0.231
30	135	10.471	9.370	-1.100
30	245	9.772	9.544	-0.228
30	246	10.006	9.891	-0.115
50	67	10.791	10.203	-0.588
50	68	9.794	9.681	-0.113
50	69	10.539	9.832	-0.708
50	71	9.422	8.765	-0.658
50	72	10.266	9.603	-0.663
50	172	9.942	9.594	-0.348
50	173	10.044	9.952	-0.092
50	174	10.252	9.541	-0.711
50	183	10.417	10.210	-0.207
50	186	9.701	9.392	-0.310
100	95	10.394	9.520	-0.874
100	102	10.161	9.541	-0.619
100	104	10.620	9.881	-0.739
100	105	10.192	8.869	-1.323
100	106	10.120	9.787	-0.334
100	178	10.252	9.767	-0.485
100	179	9.988	9.750	-0.238
100	180	10.380	10.113	-0.267
100	181	10.302	9.746	-0.556
100	182	9.558	9.149	-0.410
Max		10.875	10.481	0.427
Average		10.144	9.764	-0.379
Min		9.422	8.765	-1.323
Std Dev		0.312	0.355	0.292



97.30 DHL Dead Time Small 2MHz VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	15	
Min Limit	6	

krad(Si)	0	3	10	30	50	100
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	10.011	9.426	9.241	9.371	8.765	8.869
Average	10.011	9.873	9.908	9.726	9.677	9.612
Max	10.011	10.245	10.481	10.152	10.210	10.113
UL	15.000	15.000	15.000	15.000	15.000	15.000



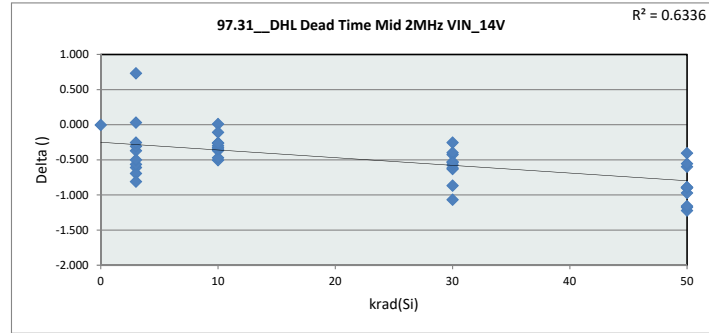
TID HDR Report

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97.31 DHL Dead Time Mid 2MH

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	24.5	24.5
Min Limit	16	16

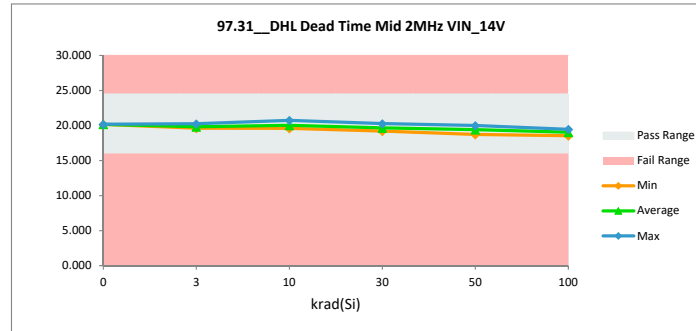
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	20.169	20.169	0.000
3	58	20.604	20.000	-0.604
3	59	20.206	19.839	-0.367
3	60	19.981	19.678	-0.302
3	61	20.355	19.667	-0.689
3	62	20.539	19.979	-0.560
3	134	20.414	19.608	-0.807
3	137	19.743	19.777	0.034
3	138	20.157	19.661	-0.496
3	139	19.976	19.727	-0.249
3	236	19.514	20.250	0.736
10	63	21.065	20.742	-0.324
10	64	20.542	20.042	-0.499
10	65	20.054	19.691	-0.363
10	66	20.044	19.578	-0.466
10	150	20.281	20.295	0.014
10	237	20.573	20.229	-0.344
10	241	20.028	19.774	-0.254
10	242	20.518	20.222	-0.296
10	243	19.995	19.892	-0.104
10	244	20.059	19.801	-0.258
30	141	19.609	19.187	-0.422
30	144	20.323	19.799	-0.524
30	145	20.580	19.718	-0.863
30	146	20.133	19.508	-0.625
30	147	20.343	19.731	-0.611
30	132	20.368	19.799	-0.569
30	133	20.664	20.270	-0.394
30	135	20.528	19.465	-1.062
30	245	19.868	19.334	-0.535
30	246	19.872	19.622	-0.250
50	67	20.903	20.008	-0.895
50	68	20.113	19.520	-0.593
50	69	20.647	19.680	-0.967
50	71	19.925	18.708	-1.217
50	72	20.087	18.917	-1.170
50	172	19.924	19.035	-0.889
50	173	20.196	19.794	-0.401
50	174	20.407	19.254	-1.153
50	183	20.392	19.841	-0.551
50	186	20.157	19.272	-0.885
100	95	20.332	18.546	-1.787
100	102	20.385	19.126	-1.259
100	104	20.581	19.111	-1.471
100	105	20.697	18.837	-1.860
100	106	20.421	19.218	-1.203
100	178	20.306	19.182	-1.123
100	179	20.269	19.299	-0.971
100	180	20.501	19.467	-1.034
100	181	20.323	18.902	-1.420
100	182	19.786	18.797	-0.989
Max		21.065	20.742	0.736
Average		20.264	19.599	-0.665
Min		19.514	18.546	-1.860
Std Dev		0.316	0.463	0.485



97.31 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	24.5
Min Limit	16

krad(Si)	0	3	10	30	50	100
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	20.169	19.608	19.578	19.187	18.708	18.546
Average	20.169	19.818	20.027	19.643	19.403	19.048
Max	20.169	20.250	20.742	20.270	20.008	19.467
UL	24.500	24.500	24.500	24.500	24.500	24.500



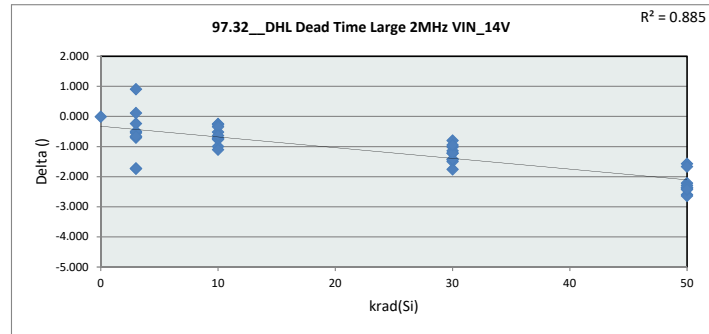
TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

97.32 DHL Dead Time Large 2MHz

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	61	61
Min Limit	44	44

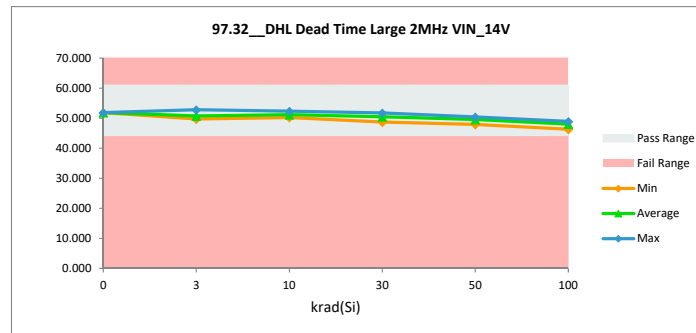
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	51.859	51.859	0.000
3	58	51.865	51.208	-0.656
3	59	50.320	49.786	-0.534
3	60	50.200	49.716	-0.484
3	61	52.411	51.717	-0.695
3	62	53.459	52.811	-0.649
3	134	51.848	50.130	-1.718
3	137	50.293	50.420	0.126
3	138	51.881	50.163	-1.718
3	139	50.498	50.273	-0.225
3	236	49.926	50.843	0.917
10	63	53.040	52.333	-0.707
10	64	52.591	51.840	-0.751
10	65	50.728	50.219	-0.508
10	66	52.158	51.173	-0.985
10	150	50.482	50.246	-0.236
10	237	51.912	50.820	-1.092
10	241	50.673	50.412	-0.261
10	242	52.193	51.481	-0.712
10	243	52.579	52.244	-0.334
10	244	51.238	50.616	-0.622
30	141	50.142	48.718	-1.424
30	144	52.233	50.745	-1.488
30	145	53.318	51.573	-1.745
30	146	51.789	50.383	-1.406
30	147	50.810	49.599	-1.211
30	132	52.857	51.727	-1.130
30	133	52.545	51.542	-1.003
30	135	51.693	50.903	-0.791
30	245	51.131	49.925	-1.206
30	246	50.157	49.220	-0.937
50	67	52.400	50.200	-2.200
50	68	51.901	50.340	-1.561
50	69	51.810	49.530	-2.279
50	71	52.333	49.749	-2.584
50	72	50.549	47.923	-2.626
50	172	50.753	48.397	-2.356
50	173	52.002	50.346	-1.657
50	174	51.905	49.513	-2.391
50	183	51.645	49.297	-2.348
50	186	52.821	50.405	-2.416
100	95	50.701	46.306	-4.395
100	102	51.944	48.109	-3.835
100	104	51.790	47.831	-3.960
100	105	53.467	48.914	-4.554
100	106	52.366	48.547	-3.818
100	178	51.539	48.155	-3.383
100	179	51.832	48.426	-3.406
100	180	52.291	48.515	-3.776
100	181	51.762	47.786	-3.976
100	182	51.561	48.004	-3.556
Max		53.467	52.811	0.917
Average		51.690	50.018	-1.672
Min		49.926	46.306	-4.554
Std Dev		0.922	1.400	1.333



97.32 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	61
Min Limit	44

krad(Si)	0	3	10	30	50	100
LL	44.000	44.000	44.000	44.000	44.000	44.000
Min	51.859	49.716	50.219	48.718	47.923	46.306
Average	51.859	50.707	51.138	50.434	49.570	48.059
Max	51.859	52.811	52.333	51.727	50.405	48.914
UL	61.000	61.000	61.000	61.000	61.000	61.000

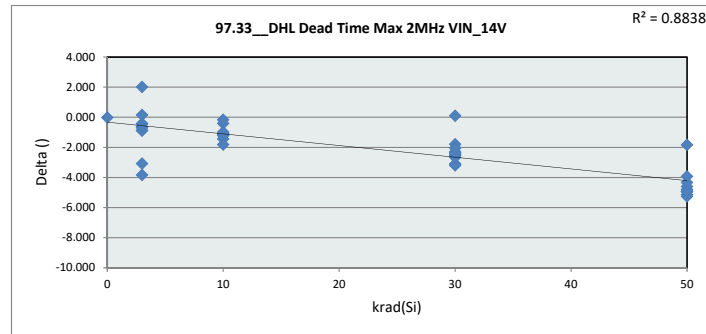


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97.33 DHL Dead Time Max 2MHz		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	125	125
Min Limit	86	86

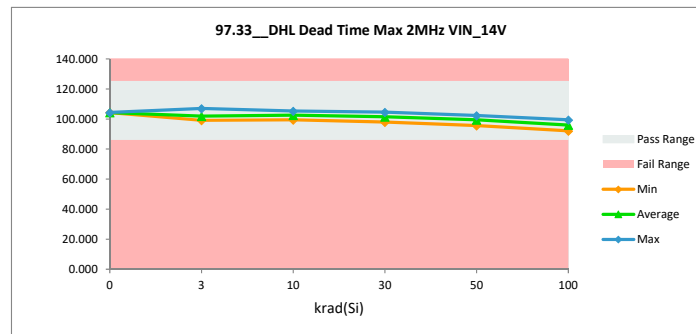
krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	104.282	104.282	0.000
3	58	103.152	102.294	-0.857
3	59	99.519	99.119	-0.400
3	60	100.210	99.788	-0.422
3	61	105.445	104.766	-0.679
3	62	107.861	107.006	-0.855
3	134	104.029	100.972	-3.056
3	137	100.778	100.957	0.178
3	138	104.824	101.015	-3.809
3	139	101.498	100.876	-0.623
3	236	99.836	101.870	2.034
10	63	105.733	104.629	-1.105
10	64	106.129	104.955	-1.174
10	65	101.399	100.218	-1.180
10	66	104.826	103.404	-1.423
10	150	99.759	99.374	-0.385
10	237	103.638	101.846	-1.792
10	241	101.048	100.906	-0.142
10	242	104.205	103.125	-1.080
10	243	106.377	105.247	-1.130
10	244	102.904	101.944	-0.961
30	141	100.412	97.898	-2.514
30	144	104.966	101.894	-3.073
30	145	107.254	104.078	-3.177
30	146	104.073	101.651	-2.422
30	147	101.661	99.016	-2.645
30	132	106.285	104.510	-1.775
30	133	105.641	103.361	-2.280
30	135	103.094	103.217	0.123
30	245	102.549	100.224	-2.326
30	246	100.363	98.340	-2.022
50	67	104.478	100.165	-4.312
50	68	104.077	102.267	-1.810
50	69	103.179	98.407	-4.772
50	71	105.639	100.519	-5.120
50	72	100.850	95.619	-5.231
50	172	101.369	96.799	-4.570
50	173	104.466	100.557	-3.910
50	174	104.251	99.369	-4.882
50	183	103.325	98.398	-4.927
50	186	107.070	102.161	-4.909
100	95	101.285	92.084	-9.201
100	102	104.102	95.715	-8.387
100	104	103.103	95.331	-7.771
100	105	107.936	99.448	-8.488
100	106	105.172	97.165	-8.007
100	178	103.232	95.808	-7.423
100	179	103.893	96.715	-7.178
100	180	104.817	96.484	-8.333
100	181	103.645	95.003	-8.642
100	182	103.881	96.260	-7.621
Max		107.936	107.006	2.034
Average		103.598	100.334	-3.264
Min		99.519	92.084	-9.201
Std Dev		2.184	3.195	2.911



97.33 DHL Dead Time

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	125
Min Limit	86

krad(Si)	0	3	10	30	50	100
LL	86.000	86.000	86.000	86.000	86.000	86.000
Min	104.282	99.119	99.374	97.899	95.619	92.084
Average	104.282	101.866	102.565	101.419	99.426	96.001
Max	104.282	107.006	105.247	104.510	102.267	99.448
UL	125.000	125.000	125.000	125.000	125.000	125.000

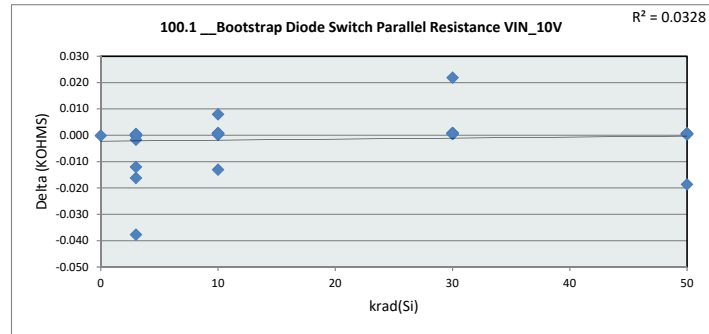


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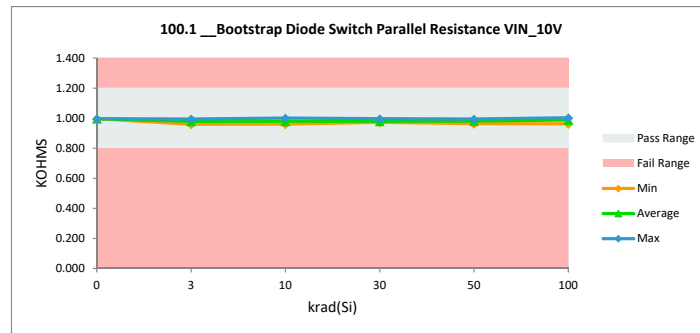
TPS7H6003-SP (5962R2220101VXC)

100.1 Bootstrap Diode Switch		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	1.2	1.2
Min Limit	0.8	0.8

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	0.997	0.997	0.000
3	58	0.987	0.987	0.000
3	59	0.975	0.976	0.000
3	60	0.994	0.994	0.000
3	61	0.990	0.990	0.000
3	62	0.987	0.988	0.001
3	134	0.989	0.973	-0.016
3	137	0.985	0.973	-0.012
3	138	0.975	0.973	-0.002
3	139	0.972	0.972	0.001
3	236	0.997	0.960	-0.038
10	63	0.979	0.980	0.000
10	64	0.975	0.975	0.001
10	65	0.973	0.974	0.001
10	66	1.000	1.000	0.001
10	150	0.975	0.976	0.001
10	237	0.973	0.960	-0.013
10	241	0.965	0.973	0.008
10	242	0.994	0.994	0.001
10	243	0.998	0.999	0.001
10	244	0.966	0.967	0.001
30	141	0.975	0.975	0.001
30	144	0.987	0.988	0.001
30	145	0.973	0.974	0.001
30	146	0.995	0.996	0.001
30	147	0.971	0.972	0.001
30	132	0.979	0.980	0.001
30	133	0.974	0.975	0.001
30	135	0.962	0.984	0.022
30	245	0.974	0.974	0.001
30	246	0.971	0.972	0.001
50	67	0.963	0.964	0.000
50	68	0.997	0.978	-0.018
50	69	0.977	0.978	0.001
50	71	0.991	0.992	0.001
50	72	0.994	0.995	0.001
50	172	0.980	0.981	0.001
50	173	0.966	0.967	0.001
50	174	0.981	0.981	0.001
50	183	0.992	0.993	0.001
50	186	0.980	0.981	0.001
100	95	0.976	0.977	0.001
100	102	0.995	0.996	0.001
100	104	1.002	1.003	0.001
100	105	0.980	0.981	0.001
100	106	0.996	0.997	0.001
100	178	0.961	0.962	0.001
100	179	0.990	0.991	0.001
100	180	0.977	0.978	0.001
100	181	0.994	0.995	0.001
100	182	0.995	0.995	0.001
Max		1.002	1.003	0.022
Average		0.982	0.981	-0.001
Min		0.961	0.960	-0.038
Std Dev		0.011	0.011	0.008



100.1 Bootstrap Diode Switch Parallel Resistance VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	1.2 KOHMS					
Min Limit	0.8 KOHMS					
krad(Si)	0	3	10	30	50	100
LL	0.800	0.800	0.800	0.800	0.800	0.800
Min	0.997	0.960	0.960	0.972	0.964	0.962
Average	0.997	0.979	0.980	0.979	0.981	0.988
Max	0.997	0.994	1.000	0.996	0.995	1.003
UL	1.200	1.200	1.200	1.200	1.200	1.200

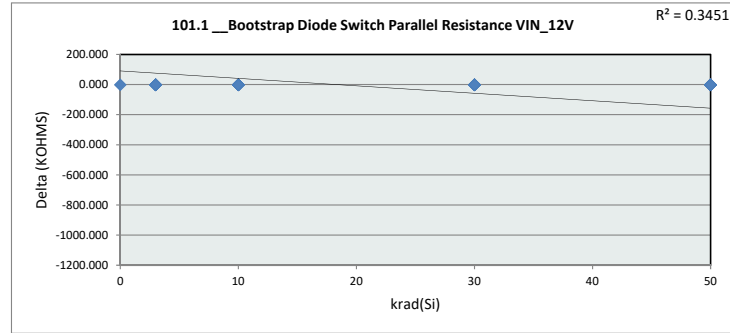


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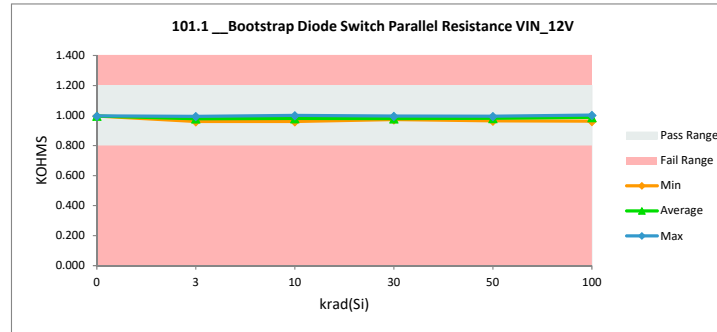
101.1 Bootstrap Diode Switch		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	1.2	1.2
Min Limit	0.8	0.8

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	0.997	0.997	0.000
3	58	0.987	0.987	0.000
3	59	0.975	0.976	0.000
3	60	0.994	0.994	0.000
3	61	0.990	0.990	0.000
3	62	0.987	0.988	0.000
3	134	0.990	0.974	-0.016
3	137	0.985	0.974	-0.012
3	138	0.975	0.974	-0.002
3	139	0.972	0.972	0.001
3	236	0.998	0.960	-0.038
10	63	0.979	0.980	0.000
10	64	0.975	0.975	0.001
10	65	0.974	0.974	0.000
10	66	1.000	1.000	0.001
10	150	0.975	0.976	0.001
10	237	0.973	0.960	-0.013
10	241	0.965	0.974	0.008
10	242	0.994	0.994	0.001
10	243	0.998	0.999	0.001
10	244	0.966	0.967	0.001
30	141	0.975	0.976	0.001
30	144	0.987	0.988	0.001
30	145	0.973	0.974	0.001
30	146	0.996	0.997	0.001
30	147	0.971	0.973	0.001
30	132	0.979	0.980	0.001
30	133	0.974	0.975	0.001
30	135	0.962	0.984	0.022
30	245	0.974	0.975	0.001
30	246	0.972	0.972	0.001
50	67	0.963	0.964	0.001
50	68	0.997	0.978	-0.018
50	69	0.977	0.978	0.001
50	71	0.991	0.992	0.001
50	72	0.994	0.995	0.001
50	172	0.980	0.981	0.001
50	173	0.966	0.967	0.001
50	174	0.981	0.982	0.001
50	183	0.992	0.993	0.001
50	186	0.981	0.982	0.001
100	95	976.600	0.977	-975.623
100	102	995.400	0.997	-994.403
100	104	1001.900	1.003	-1000.897
100	105	980.300	0.981	-979.319
100	106	996.100	0.997	-995.103
100	178	0.961	0.962	0.001
100	179	0.990	0.991	0.001
100	180	0.977	0.978	0.001
100	181	0.994	0.995	0.001
100	182	0.995	0.996	0.001
Max		1001.900	1.003	0.022
Average		97.950	0.982	-96.968
Min		0.961	0.960	-1000.897
Std Dev		297.063	0.011	297.060



101.1 Bootstrap Diode Switch		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	1.2	KOHMS
Min Limit	0.8	KOHMS

krad(Si)	0	3	10	30	50	100
LL	0.800	0.800	0.800	0.800	0.800	0.800
Min	0.997	0.960	0.960	0.972	0.964	0.962
Average	0.997	0.979	0.980	0.979	0.981	0.988
Max	0.997	0.995	1.000	0.997	0.995	1.003
UL	1.200	1.200	1.200	1.200	1.200	1.200

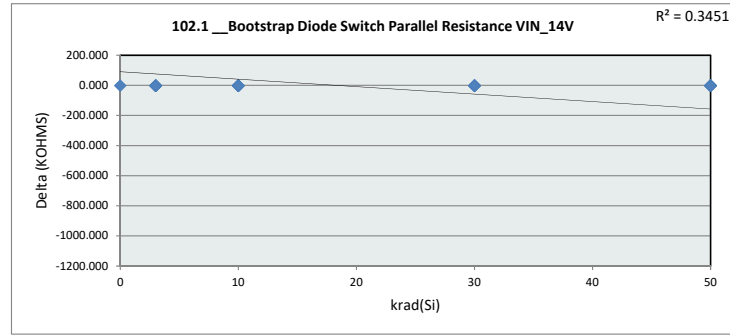


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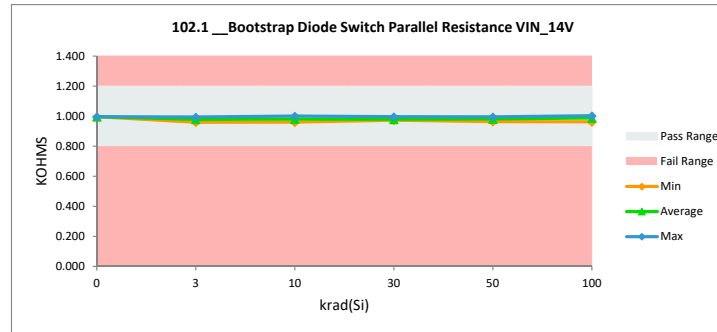
102.1 Bootstrap Diode Switch		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	kOhms	KOHMS
Max Limit	1.2	1.2
Min Limit	0.8	0.8

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	0.997	0.997	0.000
3	58	0.987	0.987	0.000
3	59	0.976	0.976	0.000
3	60	0.995	0.995	0.000
3	61	0.990	0.990	0.000
3	62	0.987	0.988	0.000
3	134	0.990	0.974	-0.016
3	137	0.985	0.974	-0.012
3	138	0.975	0.974	-0.002
3	139	0.972	0.973	0.001
3	236	0.998	0.960	-0.038
10	63	0.979	0.980	0.000
10	64	0.975	0.976	0.001
10	65	0.974	0.974	0.001
10	66	1.000	1.000	0.001
10	150	0.975	0.976	0.001
10	237	0.973	0.960	-0.013
10	241	0.966	0.974	0.008
10	242	0.994	0.995	0.001
10	243	0.998	0.999	0.001
10	244	0.966	0.967	0.001
30	141	0.975	0.976	0.001
30	144	0.987	0.988	0.001
30	145	0.974	0.974	0.001
30	146	0.996	0.997	0.001
30	147	0.972	0.973	0.001
30	132	0.980	0.980	0.001
30	133	0.974	0.975	0.001
30	135	0.962	0.984	0.022
30	245	0.974	0.975	0.001
30	246	0.972	0.973	0.001
50	67	0.963	0.964	0.001
50	68	0.997	0.979	-0.018
50	69	0.977	0.978	0.001
50	71	0.991	0.992	0.001
50	72	0.994	0.995	0.001
50	172	0.980	0.981	0.001
50	173	0.966	0.967	0.001
50	174	0.981	0.982	0.001
50	183	0.993	0.993	0.001
50	186	0.981	0.982	0.001
100	95	976.800	0.978	-975.822
100	102	995.500	0.997	-994.503
100	104	1002.100	1.003	-1001.097
100	105	980.500	0.981	-979.519
100	106	996.200	0.997	-995.203
100	178	0.961	0.962	0.001
100	179	0.990	0.992	0.001
100	180	0.977	0.978	0.001
100	181	0.994	0.995	0.001
100	182	0.995	0.996	0.001
Max		1002.100	1.003	0.022
Average		97.966	0.982	-96.984
Min		0.961	0.960	-1001.097
Std Dev		297.111	0.011	297.108



102.1 Bootstrap Diode Switch		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	1.2	KOHMS
Min Limit	0.8	KOHMS

krad(Si)	0	3	10	30	50	100
LL	0.800	0.800	0.800	0.800	0.800	0.800
Min	0.997	0.960	0.960	0.973	0.964	0.962
Average	0.997	0.979	0.980	0.979	0.981	0.988
Max	0.997	0.995	1.001	0.997	0.995	1.003
UL	1.200	1.200	1.200	1.200	1.200	1.200

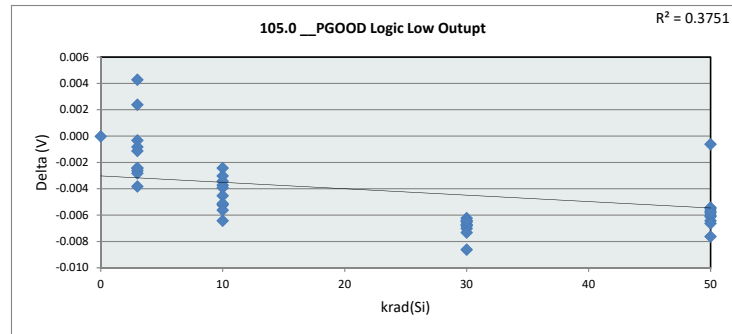


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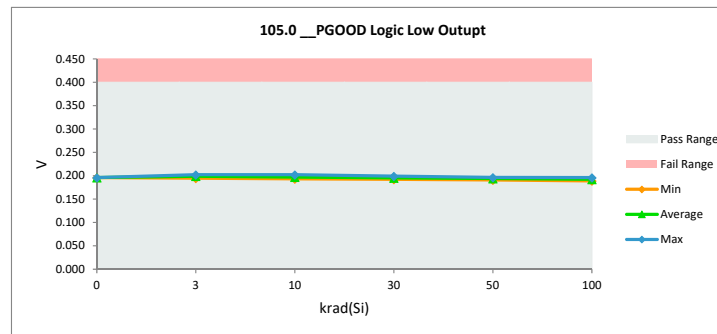
105.0_PGOOD Logic Low Outupt		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.4	0.4
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	0.196	0.196	0.000
3	58	0.195	0.194	0.000
3	59	0.202	0.199	-0.002
3	60	0.200	0.200	-0.001
3	61	0.197	0.196	-0.001
3	62	0.197	0.195	-0.003
3	134	0.198	0.202	0.004
3	137	0.200	0.202	0.002
3	138	0.204	0.202	-0.003
3	139	0.204	0.201	-0.004
3	236	0.201	0.198	-0.002
10	63	0.202	0.198	-0.003
10	64	0.201	0.196	-0.005
10	65	0.200	0.196	-0.004
10	66	0.199	0.195	-0.004
10	150	0.203	0.196	-0.006
10	237	0.201	0.198	-0.003
10	241	0.204	0.202	-0.002
10	242	0.202	0.198	-0.005
10	243	0.198	0.193	-0.005
10	244	0.204	0.199	-0.006
30	141	0.201	0.194	-0.007
30	144	0.199	0.192	-0.007
30	145	0.205	0.199	-0.007
30	146	0.201	0.195	-0.007
30	147	0.203	0.196	-0.007
30	132	0.200	0.194	-0.006
30	133	0.206	0.199	-0.006
30	135	0.201	0.192	-0.009
30	245	0.203	0.197	-0.006
30	246	0.202	0.195	-0.006
50	67	0.201	0.195	-0.006
50	68	0.197	0.196	-0.001
50	69	0.199	0.193	-0.006
50	71	0.196	0.191	-0.005
50	72	0.201	0.195	-0.006
50	172	0.204	0.196	-0.008
50	173	0.200	0.195	-0.005
50	174	0.197	0.191	-0.006
50	183	0.199	0.193	-0.006
50	186	0.199	0.193	-0.007
100	95	0.204	0.196	-0.008
100	102	0.198	0.189	-0.009
100	104	0.201	0.192	-0.008
100	105	0.200	0.191	-0.009
100	106	0.196	0.190	-0.006
100	178	0.201	0.194	-0.007
100	179	0.197	0.191	-0.007
100	180	0.201	0.196	-0.005
100	181	0.199	0.192	-0.007
100	182	0.199	0.192	-0.007
Max		0.206	0.202	0.004
Average		0.200	0.196	-0.005
Min		0.195	0.189	-0.009
Std Dev		0.003	0.003	0.003



105.0_PGOOD Log		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	0.4	V
Min Limit	0	V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.196	0.195	0.193	0.192	0.191	0.189
Average	0.196	0.199	0.197	0.195	0.194	0.192
Max	0.196	0.202	0.202	0.199	0.196	0.196
UL	0.400	0.400	0.400	0.400	0.400	0.400

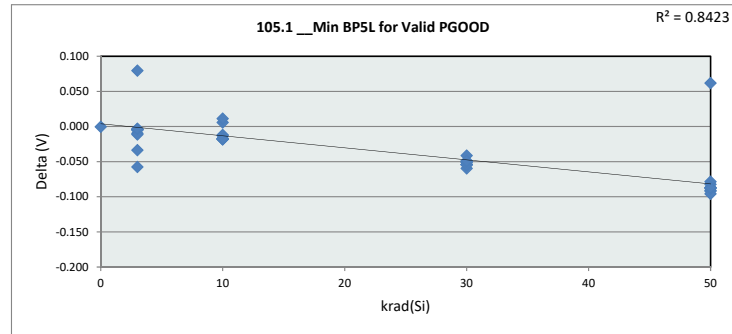


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

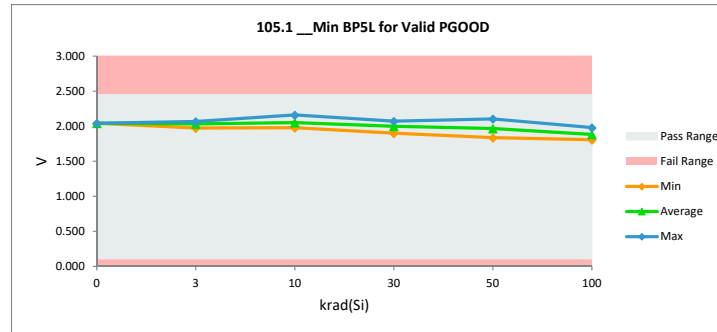
105.1 __Min BP5L for Valid PGOOD		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.45	2.45
Min Limit	0.1	0.1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	2.043	2.043	0.000
3	58	2.027	2.023	-0.004
3	59	2.062	2.058	-0.004
3	60	2.038	2.028	-0.009
3	61	1.993	1.989	-0.004
3	62	2.070	2.066	-0.004
3	134	1.976	2.056	0.080
3	137	2.066	2.056	-0.011
3	138	2.113	2.056	-0.057
3	139	1.976	1.974	-0.003
3	236	2.055	2.022	-0.033
10	63	2.111	2.094	-0.017
10	64	2.177	2.160	-0.017
10	65	2.136	2.119	-0.017
10	66	2.014	1.996	-0.018
10	150	2.027	2.016	-0.012
10	237	2.016	2.022	0.006
10	241	2.044	2.056	0.012
10	242	2.041	2.024	-0.017
10	243	2.060	2.047	-0.013
10	244	1.995	1.978	-0.017
30	141	2.064	2.013	-0.051
30	144	2.094	2.035	-0.059
30	145	2.054	2.001	-0.054
30	146	2.007	1.954	-0.054
30	147	2.005	1.957	-0.049
30	132	2.099	2.045	-0.054
30	133	2.086	2.032	-0.054
30	135	2.019	1.978	-0.041
30	245	2.121	2.071	-0.050
30	246	1.949	1.901	-0.048
50	67	2.097	2.005	-0.091
50	68	2.042	2.104	0.062
50	69	2.069	1.978	-0.091
50	71	1.931	1.835	-0.095
50	72	2.075	1.988	-0.086
50	172	2.139	2.057	-0.082
50	173	2.030	1.952	-0.078
50	174	1.975	1.888	-0.088
50	183	1.979	1.892	-0.087
50	186	2.059	1.972	-0.087
100	95	2.164	1.980	-0.184
100	102	1.979	1.807	-0.172
100	104	2.003	1.835	-0.169
100	105	2.093	1.919	-0.174
100	106	2.020	1.848	-0.172
100	178	2.069	1.902	-0.166
100	179	2.031	1.870	-0.160
100	180	2.145	1.973	-0.171
100	181	1.994	1.818	-0.176
100	182	2.041	1.876	-0.165
Max		2.177	2.160	0.080
Average		2.048	1.988	-0.061
Min		1.931	1.807	-0.184
Std Dev		0.055	0.082	0.066



105.1 __Min BP5L for Valid PGOOD		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	2.45	V
Min Limit	0.1	V

krad(Si)	0	3	10	30	50	100
LL	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.043	1.974	1.978	1.901	1.835	1.807
Average	2.043	2.033	2.051	1.999	1.967	1.883
Max	2.043	2.066	2.160	2.071	2.104	1.981
UL	2.450	2.450	2.450	2.450	2.450	2.450

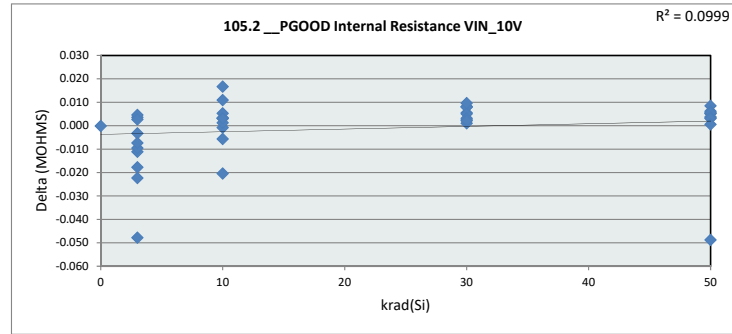


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

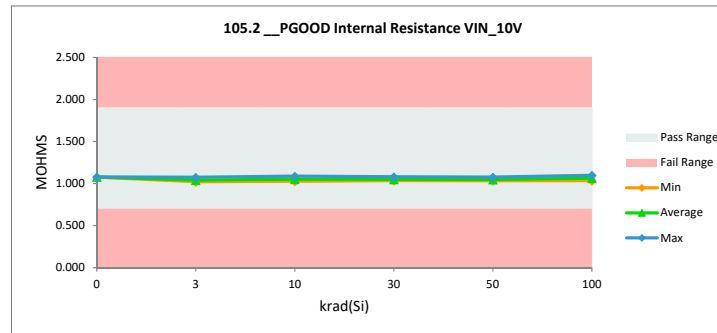
105.2_PGOOD Internal Resistance		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	MOhms	MOHMS
Max Limit	1.9	1.9
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.078	1.078	0.000
3	58	1.058	1.047	-0.011
3	59	1.039	1.036	-0.003
3	60	1.085	1.075	-0.009
3	61	1.056	1.049	-0.007
3	62	1.056	1.059	0.004
3	134	1.047	1.024	-0.022
3	137	1.040	1.022	-0.018
3	138	1.023	1.028	0.005
3	139	1.027	1.030	0.003
3	236	1.085	1.038	-0.048
10	63	1.040	1.035	-0.006
10	64	1.032	1.048	0.017
10	65	1.042	1.046	0.003
10	66	1.083	1.089	0.005
10	150	1.021	1.033	0.011
10	237	1.037	1.036	-0.001
10	241	1.048	1.027	-0.020
10	242	1.072	1.076	0.003
10	243	1.084	1.085	0.001
10	244	1.048	1.051	0.003
30	141	1.030	1.036	0.006
30	144	1.037	1.046	0.008
30	145	1.026	1.034	0.008
30	146	1.072	1.080	0.008
30	147	1.068	1.073	0.005
30	132	1.036	1.039	0.003
30	133	1.035	1.039	0.003
30	135	1.046	1.047	0.001
30	245	1.040	1.050	0.010
30	246	1.046	1.048	0.002
50	67	1.041	1.047	0.005
50	68	1.082	1.033	-0.049
50	69	1.033	1.038	0.005
50	71	1.054	1.058	0.003
50	72	1.067	1.076	0.009
50	172	1.026	1.033	0.006
50	173	1.052	1.058	0.006
50	174	1.033	1.036	0.004
50	183	1.048	1.052	0.003
50	186	1.040	1.041	0.001
100	95	1.025	1.034	0.009
100	102	1.079	1.096	0.017
100	104	1.085	1.099	0.014
100	105	1.041	1.047	0.006
100	106	1.065	1.076	0.011
100	178	1.045	1.044	-0.001
100	179	1.049	1.053	0.004
100	180	1.037	1.040	0.003
100	181	1.058	1.061	0.003
100	182	1.074	1.077	0.002
Max		1.085	1.099	0.017
Average		1.050	1.051	0.001
Min		1.021	1.022	-0.049
Std Dev		0.019	0.020	0.013



105.2_PGOOD Internal Resistance		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.9	MOHMS
Min Limit	0.7	MOHMS

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.078	1.022	1.027	1.034	1.033	1.034
Average	1.078	1.041	1.053	1.049	1.047	1.063
Max	1.078	1.075	1.089	1.080	1.076	1.099
UL	1.900	1.900	1.900	1.900	1.900	1.900

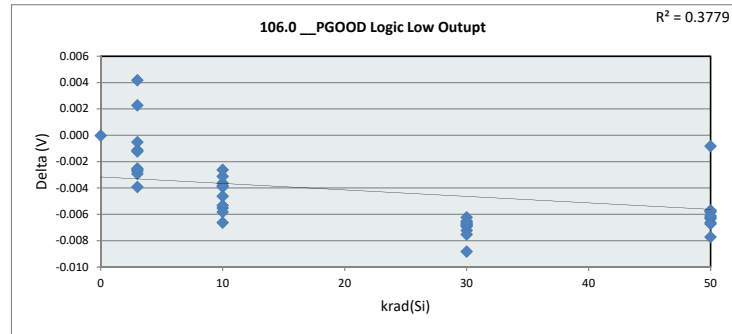


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

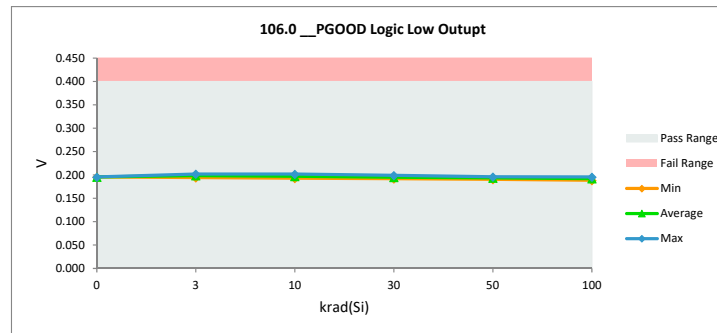
106.0_PGOOD Logic Low Outupt		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.4	0.4
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	0.196	0.196	0.000
3	58	0.195	0.194	-0.001
3	59	0.201	0.199	-0.003
3	60	0.200	0.199	-0.001
3	61	0.197	0.196	-0.001
3	62	0.197	0.194	-0.003
3	134	0.198	0.202	0.004
3	137	0.200	0.202	0.002
3	138	0.204	0.201	-0.003
3	139	0.204	0.200	-0.004
3	236	0.201	0.198	-0.002
10	63	0.202	0.198	-0.004
10	64	0.201	0.195	-0.006
10	65	0.199	0.196	-0.004
10	66	0.199	0.195	-0.004
10	150	0.202	0.196	-0.007
10	237	0.201	0.198	-0.003
10	241	0.204	0.202	-0.003
10	242	0.202	0.198	-0.005
10	243	0.198	0.193	-0.005
10	244	0.204	0.199	-0.006
30	141	0.201	0.194	-0.007
30	144	0.199	0.192	-0.007
30	145	0.205	0.198	-0.007
30	146	0.201	0.194	-0.007
30	147	0.203	0.196	-0.007
30	132	0.200	0.194	-0.006
30	133	0.206	0.199	-0.007
30	135	0.201	0.192	-0.009
30	245	0.203	0.196	-0.007
30	246	0.202	0.195	-0.007
50	67	0.201	0.195	-0.006
50	68	0.197	0.196	-0.001
50	69	0.199	0.193	-0.007
50	71	0.196	0.190	-0.006
50	72	0.200	0.194	-0.006
50	172	0.204	0.196	-0.008
50	173	0.200	0.195	-0.006
50	174	0.197	0.191	-0.006
50	183	0.199	0.193	-0.006
50	186	0.199	0.193	-0.007
100	95	0.204	0.196	-0.008
100	102	0.198	0.189	-0.009
100	104	0.201	0.192	-0.008
100	105	0.200	0.191	-0.009
100	106	0.196	0.189	-0.006
100	178	0.201	0.194	-0.007
100	179	0.197	0.191	-0.007
100	180	0.201	0.195	-0.005
100	181	0.199	0.192	-0.007
100	182	0.199	0.192	-0.007
Max		0.206	0.202	0.004
Average		0.200	0.195	-0.005
Min		0.195	0.189	-0.009
Std Dev		0.003	0.003	0.003



106.0_PGOOD Log		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	0.4	V
Min Limit	0	V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.196	0.194	0.193	0.192	0.190	0.189
Average	0.196	0.199	0.197	0.195	0.194	0.192
Max	0.196	0.202	0.202	0.199	0.196	0.196
UL	0.400	0.400	0.400	0.400	0.400	0.400

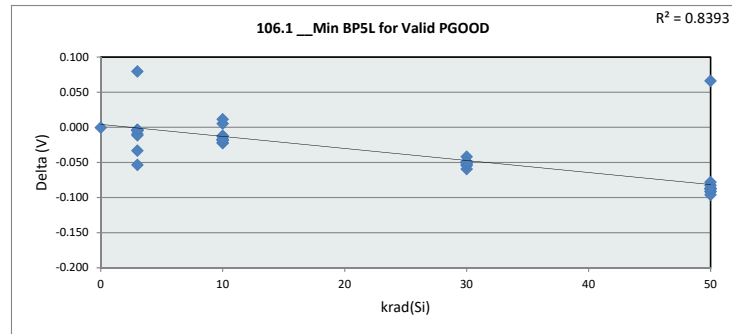


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TPS7H6003-SP (5962R2220101VXC)

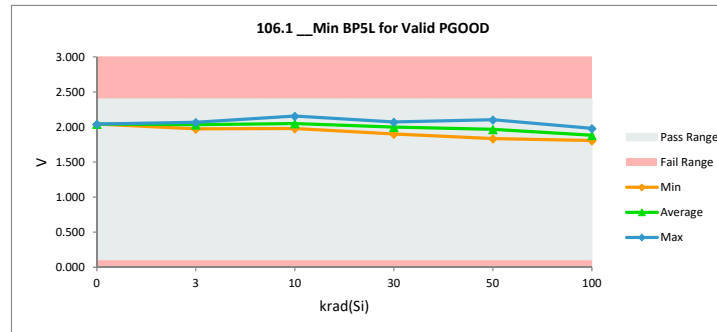
106.1 __Min BP5L for Valid PGOOD		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.4	2.4
Min Limit	0.1	0.1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	2.043	2.043	0.000
3	58	2.027	2.023	-0.004
3	59	2.062	2.058	-0.004
3	60	2.038	2.029	-0.009
3	61	1.993	1.989	-0.004
3	62	2.070	2.066	-0.003
3	134	1.976	2.056	0.080
3	137	2.067	2.056	-0.011
3	138	2.109	2.056	-0.053
3	139	1.977	1.974	-0.003
3	236	2.055	2.022	-0.033
10	63	2.111	2.089	-0.022
10	64	2.177	2.156	-0.021
10	65	2.136	2.118	-0.017
10	66	2.014	1.996	-0.018
10	150	2.027	2.016	-0.012
10	237	2.016	2.022	0.006
10	241	2.044	2.056	0.012
10	242	2.041	2.024	-0.017
10	243	2.060	2.047	-0.013
10	244	1.995	1.979	-0.017
30	141	2.064	2.014	-0.050
30	144	2.094	2.035	-0.059
30	145	2.054	2.001	-0.053
30	146	2.002	1.954	-0.049
30	147	2.005	1.957	-0.049
30	132	2.094	2.045	-0.049
30	133	2.086	2.032	-0.054
30	135	2.020	1.978	-0.041
30	245	2.120	2.071	-0.049
30	246	1.949	1.900	-0.049
50	67	2.097	2.006	-0.091
50	68	2.037	2.104	0.067
50	69	2.069	1.978	-0.091
50	71	1.931	1.835	-0.096
50	72	2.074	1.988	-0.086
50	172	2.139	2.057	-0.082
50	173	2.030	1.952	-0.078
50	174	1.975	1.888	-0.087
50	183	1.979	1.892	-0.087
50	186	2.059	1.972	-0.087
100	95	2.164	1.981	-0.184
100	102	1.974	1.807	-0.168
100	104	2.003	1.835	-0.169
100	105	2.093	1.919	-0.175
100	106	2.020	1.848	-0.172
100	178	2.069	1.902	-0.167
100	179	2.031	1.865	-0.165
100	180	2.145	1.974	-0.171
100	181	1.993	1.818	-0.175
100	182	2.041	1.875	-0.166
Max		2.177	2.156	0.080
Average		2.048	1.987	-0.061
Min		1.931	1.807	-0.184
Std Dev		0.055	0.081	0.066



106.1 __Min BP5L for Valid PGOOD		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	2.4	V
Min Limit	0.1	V

krad(Si)	0	3	10	30	50	100
LL	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.043	1.974	1.979	1.900	1.835	1.807
Average	2.043	2.033	2.050	1.999	1.967	1.882
Max	2.043	2.066	2.156	2.071	2.104	1.981
UL	2.400	2.400	2.400	2.400	2.400	2.400

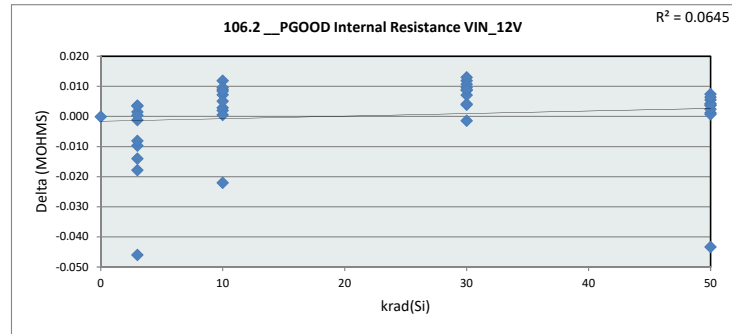


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

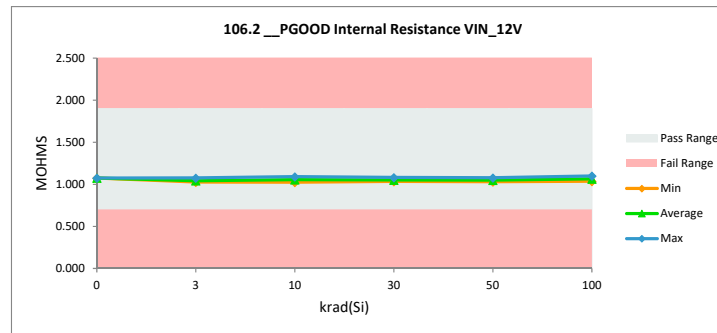
106.2_PGOOD Internal Resistance		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	MOhms	MOHMS
Max Limit	1.9	1.9
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.076	1.076	0.000
3	58	1.057	1.047	-0.010
3	59	1.042	1.043	0.002
3	60	1.084	1.076	-0.008
3	61	1.055	1.054	-0.001
3	62	1.054	1.058	0.004
3	134	1.044	1.027	-0.018
3	137	1.039	1.026	-0.014
3	138	1.027	1.027	0.000
3	139	1.030	1.033	0.004
3	236	1.084	1.038	-0.046
10	63	1.035	1.038	0.003
10	64	1.038	1.047	0.009
10	65	1.048	1.050	0.002
10	66	1.084	1.092	0.007
10	150	1.023	1.035	0.012
10	237	1.039	1.039	0.001
10	241	1.047	1.025	-0.022
10	242	1.077	1.082	0.005
10	243	1.078	1.088	0.010
10	244	1.046	1.055	0.008
30	141	1.033	1.037	0.004
30	144	1.040	1.049	0.009
30	145	1.027	1.034	0.007
30	146	1.069	1.081	0.012
30	147	1.065	1.075	0.010
30	132	1.037	1.041	0.004
30	133	1.033	1.043	0.011
30	135	1.047	1.046	-0.001
30	245	1.037	1.050	0.013
30	246	1.044	1.053	0.009
50	67	1.043	1.045	0.001
50	68	1.082	1.039	-0.043
50	69	1.036	1.042	0.006
50	71	1.058	1.062	0.004
50	72	1.074	1.077	0.004
50	172	1.029	1.029	0.001
50	173	1.058	1.060	0.002
50	174	1.032	1.036	0.004
50	183	1.043	1.051	0.007
50	186	1.037	1.043	0.007
100	95	1.032	1.036	0.004
100	102	1.081	1.095	0.014
100	104	1.089	1.099	0.011
100	105	1.047	1.054	0.007
100	106	1.075	1.079	0.004
100	178	1.045	1.049	0.004
100	179	1.048	1.056	0.008
100	180	1.036	1.041	0.005
100	181	1.058	1.061	0.003
100	182	1.073	1.076	0.003
Max		1.089	1.099	0.014
Average		1.051	1.053	0.002
Min		1.023	1.025	-0.046
Std Dev		0.019	0.019	0.012



106.2_PGOOD Internal Resistance		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.9	MOHMS
Min Limit	0.7	MOHMS

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.076	1.026	1.025	1.034	1.029	1.036
Average	1.076	1.043	1.055	1.051	1.049	1.065
Max	1.076	1.076	1.092	1.081	1.078	1.099
UL	1.900	1.900	1.900	1.900	1.900	1.900

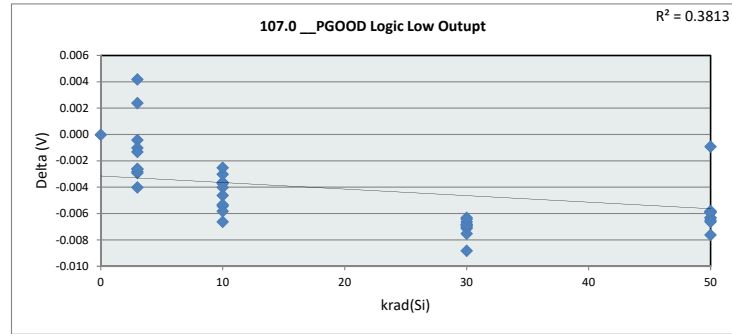


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TPS7H6003-SP (5962R2220101VXC)

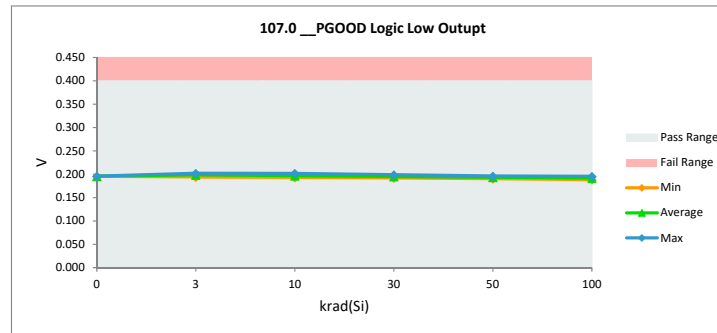
107.0 PGOOD Logic Low Outupt		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	0.4	0.4
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	0.196	0.196	0.000
3	58	0.195	0.194	0.000
3	59	0.201	0.199	-0.003
3	60	0.200	0.199	-0.001
3	61	0.197	0.196	-0.001
3	62	0.197	0.194	-0.003
3	134	0.198	0.202	0.004
3	137	0.200	0.202	0.002
3	138	0.204	0.201	-0.003
3	139	0.204	0.200	-0.004
3	236	0.201	0.198	-0.003
10	63	0.201	0.198	-0.004
10	64	0.201	0.195	-0.005
10	65	0.199	0.196	-0.004
10	66	0.199	0.195	-0.004
10	150	0.202	0.196	-0.007
10	237	0.201	0.198	-0.003
10	241	0.204	0.202	-0.002
10	242	0.202	0.198	-0.005
10	243	0.198	0.193	-0.005
10	244	0.204	0.199	-0.006
30	141	0.201	0.194	-0.007
30	144	0.199	0.192	-0.007
30	145	0.205	0.198	-0.007
30	146	0.201	0.194	-0.007
30	147	0.203	0.196	-0.007
30	132	0.200	0.194	-0.006
30	133	0.206	0.199	-0.007
30	135	0.201	0.192	-0.009
30	245	0.203	0.196	-0.007
30	246	0.201	0.195	-0.006
50	67	0.201	0.195	-0.006
50	68	0.197	0.196	-0.001
50	69	0.199	0.193	-0.006
50	71	0.196	0.190	-0.006
50	72	0.200	0.194	-0.006
50	172	0.204	0.196	-0.008
50	173	0.200	0.194	-0.006
50	174	0.197	0.191	-0.006
50	183	0.199	0.193	-0.006
50	186	0.199	0.193	-0.007
100	95	0.204	0.196	-0.008
100	102	0.198	0.189	-0.009
100	104	0.201	0.192	-0.008
100	105	0.199	0.191	-0.009
100	106	0.196	0.189	-0.006
100	178	0.201	0.194	-0.007
100	179	0.197	0.191	-0.007
100	180	0.201	0.195	-0.005
100	181	0.199	0.192	-0.007
100	182	0.199	0.192	-0.007
Max		0.206	0.202	0.004
Average		0.200	0.195	-0.005
Min		0.195	0.189	-0.009
Std Dev		0.003	0.003	0.003



107.0 PGOOD Logic Low Outupt		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	0.4	V
Min Limit	0	V

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.196	0.194	0.193	0.192	0.190	0.189
Average	0.196	0.199	0.197	0.195	0.193	0.192
Max	0.196	0.202	0.202	0.199	0.196	0.196
UL	0.400	0.400	0.400	0.400	0.400	0.400

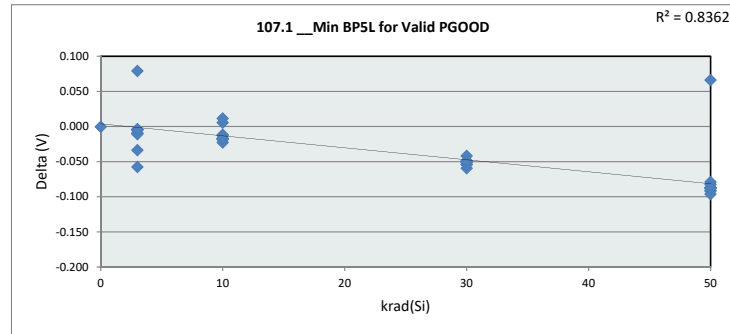


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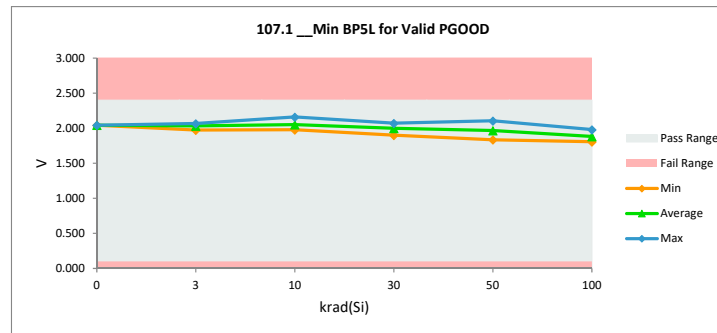
107.1 __Min BP5L for Valid PGOOD		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	V	V
Max Limit	2.4	2.4
Min Limit	0.1	0.1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	2.043	2.043	0.000
3	58	2.027	2.023	-0.005
3	59	2.062	2.053	-0.009
3	60	2.038	2.028	-0.009
3	61	1.993	1.989	-0.004
3	62	2.070	2.066	-0.004
3	134	1.976	2.056	0.080
3	137	2.066	2.056	-0.010
3	138	2.114	2.056	-0.057
3	139	1.977	1.974	-0.003
3	236	2.055	2.022	-0.033
10	63	2.111	2.089	-0.022
10	64	2.177	2.160	-0.017
10	65	2.136	2.118	-0.018
10	66	2.014	1.996	-0.018
10	150	2.027	2.015	-0.011
10	237	2.016	2.022	0.006
10	241	2.044	2.056	0.012
10	242	2.041	2.024	-0.017
10	243	2.060	2.047	-0.012
10	244	1.995	1.979	-0.016
30	141	2.064	2.014	-0.051
30	144	2.094	2.035	-0.059
30	145	2.054	2.001	-0.053
30	146	2.002	1.954	-0.049
30	147	2.005	1.957	-0.049
30	132	2.094	2.045	-0.050
30	133	2.086	2.032	-0.054
30	135	2.020	1.978	-0.041
30	245	2.121	2.071	-0.050
30	246	1.950	1.900	-0.049
50	67	2.097	2.006	-0.091
50	68	2.038	2.105	0.067
50	69	2.069	1.979	-0.090
50	71	1.931	1.835	-0.096
50	72	2.075	1.988	-0.087
50	172	2.139	2.057	-0.082
50	173	2.030	1.952	-0.079
50	174	1.975	1.888	-0.087
50	183	1.979	1.892	-0.087
50	186	2.059	1.972	-0.087
100	95	2.164	1.980	-0.184
100	102	1.974	1.807	-0.168
100	104	2.004	1.835	-0.169
100	105	2.094	1.919	-0.175
100	106	2.020	1.847	-0.173
100	178	2.069	1.903	-0.166
100	179	2.031	1.870	-0.161
100	180	2.145	1.974	-0.171
100	181	1.993	1.818	-0.175
100	182	2.041	1.875	-0.165
Max		2.177	2.160	0.080
Average		2.048	1.987	-0.061
Min		1.931	1.807	-0.184
Std Dev		0.055	0.081	0.066



107.1 __Min BP5L for Valid PGOOD		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Max Limit	2.4	V
Min Limit	0.1	V

krad(Si)	0	3	10	30	50	100
LL	0.100	0.100	0.100	0.100	0.100	0.100
Min	2.043	1.974	1.979	1.900	1.835	1.807
Average	2.043	2.032	2.051	1.999	1.967	1.883
Max	2.043	2.066	2.160	2.071	2.105	1.981
UL	2.400	2.400	2.400	2.400	2.400	2.400

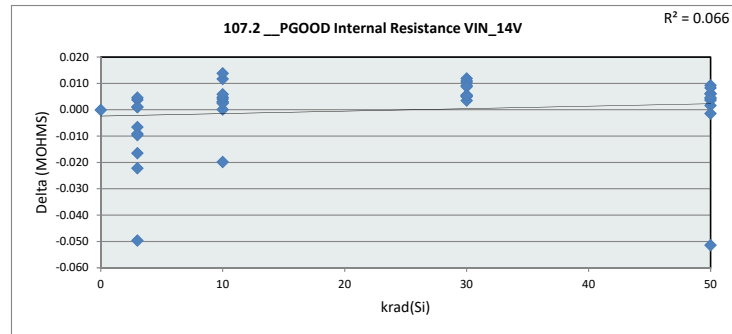


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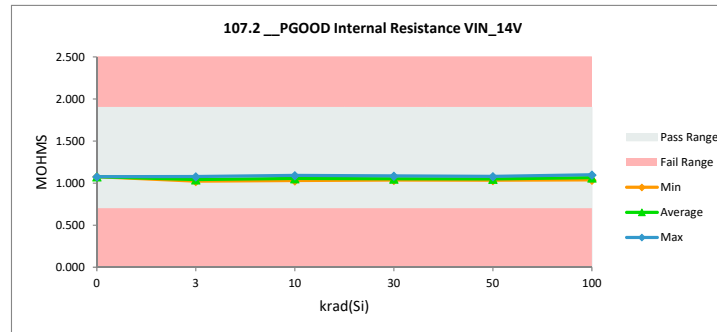
107.2_PGOOD Internal Resistance		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	MOhms	MOHMS
Max Limit	1.9	1.9
Min Limit	0.7	0.7

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.077	1.077	0.000
3	58	1.056	1.047	-0.009
3	59	1.037	1.038	0.001
3	60	1.085	1.078	-0.007
3	61	1.058	1.048	-0.010
3	62	1.056	1.060	0.004
3	134	1.049	1.027	-0.022
3	137	1.039	1.023	-0.016
3	138	1.027	1.028	0.001
3	139	1.026	1.031	0.005
3	236	1.088	1.038	-0.049
10	63	1.036	1.039	0.003
10	64	1.038	1.050	0.012
10	65	1.049	1.049	0.000
10	66	1.088	1.091	0.003
10	150	1.021	1.035	0.014
10	237	1.036	1.038	0.003
10	241	1.049	1.029	-0.020
10	242	1.073	1.078	0.004
10	243	1.082	1.087	0.005
10	244	1.047	1.053	0.006
30	141	1.032	1.038	0.006
30	144	1.037	1.047	0.011
30	145	1.024	1.036	0.012
30	146	1.074	1.085	0.011
30	147	1.066	1.075	0.009
30	132	1.035	1.041	0.005
30	133	1.035	1.040	0.005
30	135	1.045	1.049	0.004
30	245	1.043	1.051	0.009
30	246	1.045	1.051	0.005
50	67	1.046	1.047	0.002
50	68	1.085	1.034	-0.051
50	69	1.034	1.041	0.006
50	71	1.061	1.060	-0.001
50	72	1.075	1.079	0.004
50	172	1.029	1.033	0.004
50	173	1.053	1.062	0.009
50	174	1.032	1.038	0.006
50	183	1.047	1.051	0.005
50	186	1.038	1.047	0.008
100	95	1.028	1.038	0.010
100	102	1.087	1.098	0.010
100	104	1.089	1.098	0.009
100	105	1.047	1.051	0.003
100	106	1.072	1.079	0.007
100	178	1.046	1.045	-0.001
100	179	1.049	1.056	0.006
100	180	1.039	1.044	0.005
100	181	1.056	1.062	0.006
100	182	1.073	1.078	0.005
Max		1.089	1.098	0.014
Average		1.052	1.053	0.001
Min		1.021	1.023	-0.051
Std Dev		0.020	0.020	0.013



107.2_PGOOD Internal Resistance		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	1.9	MOHMS
Min Limit	0.7	MOHMS

krad(Si)	0	3	10	30	50	100
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.077	1.023	1.029	1.036	1.033	1.038
Average	1.077	1.042	1.055	1.051	1.049	1.065
Max	1.077	1.078	1.091	1.085	1.079	1.098
UL	1.900	1.900	1.900	1.900	1.900	1.900

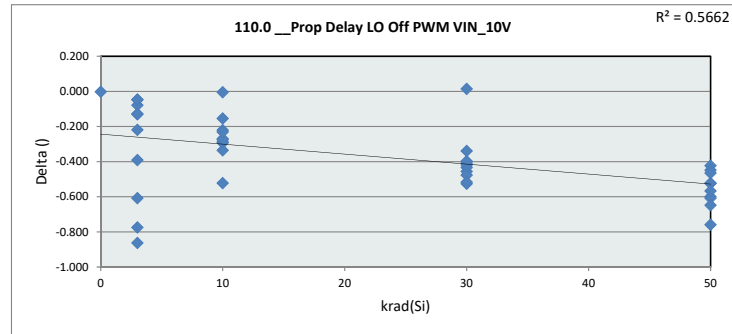


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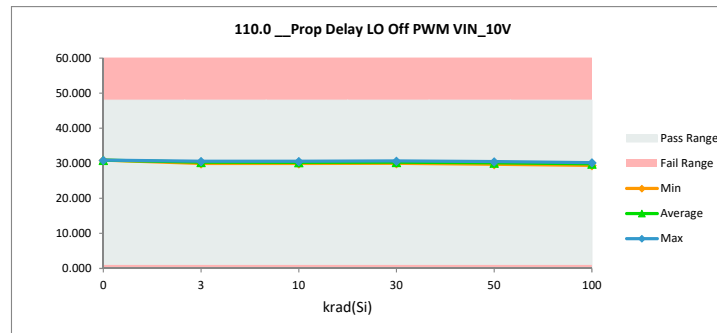
110.0 Prop Delay LO Off PWM		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	48	48
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	30.887	30.887	0.000
3	58	30.404	30.359	-0.045
3	59	30.535	30.410	-0.126
3	60	30.393	30.316	-0.077
3	61	30.460	30.414	-0.046
3	62	30.692	30.563	-0.129
3	134	31.076	30.215	-0.861
3	137	30.647	30.258	-0.389
3	138	30.789	30.183	-0.606
3	139	30.430	30.213	-0.217
3	236	30.697	29.924	-0.772
10	63	30.526	30.374	-0.152
10	64	30.825	30.556	-0.268
10	65	30.435	30.216	-0.219
10	66	30.266	29.975	-0.291
10	150	30.826	30.493	-0.333
10	237	30.432	29.912	-0.520
10	241	30.267	30.264	-0.003
10	242	30.669	30.384	-0.285
10	243	30.434	30.161	-0.272
10	244	30.256	30.027	-0.229
30	141	30.770	30.338	-0.431
30	144	30.893	30.369	-0.524
30	145	30.747	30.293	-0.454
30	146	30.498	30.092	-0.406
30	147	30.439	29.964	-0.475
30	132	31.061	30.645	-0.417
30	133	30.546	30.031	-0.515
30	135	30.165	30.181	0.016
30	245	30.670	30.274	-0.396
30	246	30.798	30.461	-0.337
50	67	30.338	29.917	-0.421
50	68	30.665	30.067	-0.598
50	69	30.798	30.192	-0.606
50	71	30.822	30.299	-0.522
50	72	30.336	29.690	-0.646
50	172	30.313	29.792	-0.521
50	173	30.498	30.051	-0.447
50	174	31.028	30.271	-0.757
50	183	30.915	30.452	-0.463
50	186	30.757	30.192	-0.565
100	95	30.581	29.646	-0.935
100	102	30.442	29.680	-0.762
100	104	30.321	29.399	-0.922
100	105	30.583	29.798	-0.785
100	106	30.644	29.981	-0.663
100	178	30.556	29.754	-0.802
100	179	30.880	30.126	-0.754
100	180	31.007	30.188	-0.819
100	181	30.635	29.861	-0.774
100	182	30.744	29.891	-0.853
Max		31.076	30.887	0.016
Average		30.616	30.157	-0.459
Min		30.165	29.399	-0.935
Std Dev		0.230	0.285	0.266



110.0 Prop Delay	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	48
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	30.887	29.924	29.912	29.964	29.690	29.399
Average	30.887	30.286	30.236	30.265	30.092	29.832
Max	30.887	30.563	30.556	30.645	30.452	30.188
UL	48.000	48.000	48.000	48.000	48.000	48.000

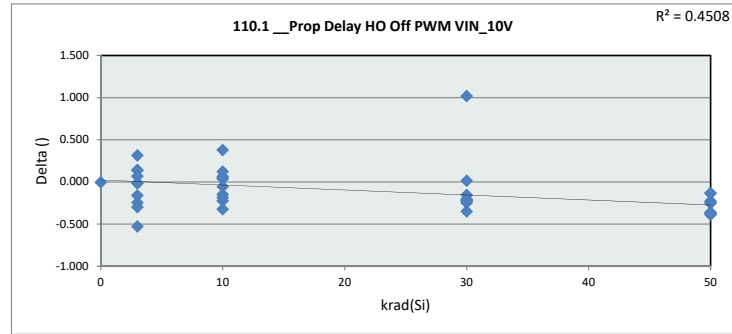


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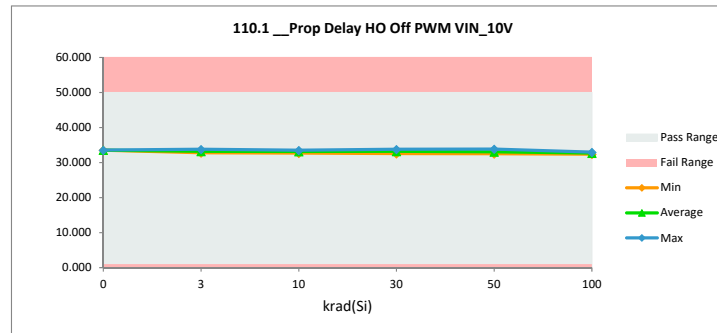
110.1 Prop Delay HO Off PWM		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	50	50
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	33.548	33.548	0.000
3	58	33.034	33.351	0.317
3	59	32.985	32.975	-0.010
3	60	32.695	32.841	0.146
3	61	33.553	33.694	0.141
3	62	33.707	33.778	0.071
3	134	33.365	33.124	-0.242
3	137	33.317	33.161	-0.156
3	138	33.591	33.066	-0.525
3	139	32.974	32.962	-0.012
3	236	33.053	32.758	-0.295
10	63	33.209	33.277	0.068
10	64	33.594	33.448	-0.146
10	65	32.998	32.946	-0.053
10	66	33.359	33.486	0.127
10	150	33.139	32.918	-0.221
10	237	33.023	32.703	-0.320
10	241	32.686	33.067	0.382
10	242	33.152	33.193	0.041
10	243	33.545	33.362	-0.183
10	244	33.106	33.156	0.049
30	141	33.092	32.889	-0.203
30	144	33.644	33.298	-0.346
30	145	33.600	33.619	0.019
30	146	33.250	33.042	-0.208
30	147	32.757	32.546	-0.211
30	132	33.904	33.660	-0.244
30	133	33.043	32.817	-0.226
30	135	32.761	33.783	1.022
30	245	33.457	33.241	-0.216
30	246	32.934	32.784	-0.150
50	67	32.908	32.685	-0.223
50	68	33.408	33.278	-0.130
50	69	33.134	32.899	-0.235
50	71	33.987	33.857	-0.130
50	72	32.775	32.523	-0.252
50	172	33.243	32.884	-0.359
50	173	33.402	33.044	-0.358
50	174	33.328	32.956	-0.371
50	183	33.255	32.869	-0.385
50	186	33.928	33.555	-0.372
100	95	33.008	32.482	-0.525
100	102	33.222	32.472	-0.750
100	104	33.023	32.403	-0.619
100	105	33.400	32.923	-0.477
100	106	33.429	32.968	-0.461
100	178	32.972	32.443	-0.529
100	179	33.577	32.976	-0.600
100	180	33.417	32.873	-0.544
100	181	33.278	32.693	-0.585
100	182	33.645	32.839	-0.806
Max		33.987	33.857	1.022
Average		33.263	33.061	-0.202
Min		32.686	32.403	-0.806
Std Dev		0.319	0.374	0.311



110.1 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	50	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	33.548	32.758	32.703	32.546	32.523	32.404
Average	33.548	33.171	33.156	33.168	33.055	32.707
Max	33.548	33.778	33.486	33.783	33.857	32.976
UL	50.000	50.000	50.000	50.000	50.000	50.000

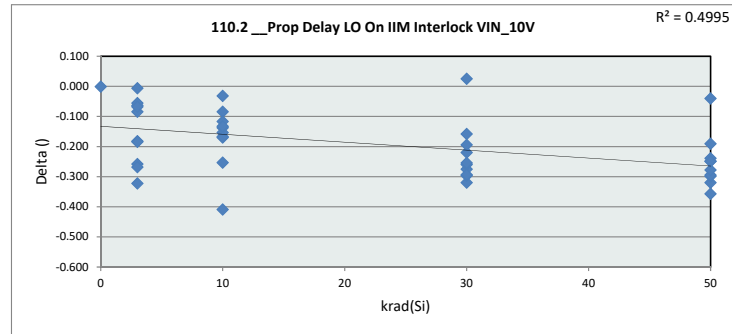


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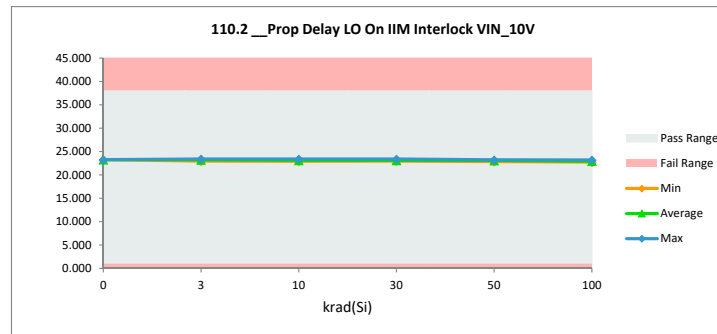
110.2 Prop Delay LO On IIM Interlock VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	23.269	23.269	0.000
3	58	23.265	23.203	-0.062
3	59	23.483	23.400	-0.083
3	60	23.221	23.167	-0.055
3	61	23.265	23.260	-0.005
3	62	23.302	23.235	-0.067
3	134	23.489	23.232	-0.257
3	137	23.530	23.263	-0.267
3	138	23.436	23.255	-0.181
3	139	23.369	23.186	-0.183
3	236	23.267	22.946	-0.321
10	63	23.381	23.298	-0.083
10	64	23.463	23.297	-0.166
10	65	23.283	23.131	-0.153
10	66	23.051	22.915	-0.136
10	150	23.643	23.391	-0.252
10	237	23.367	22.959	-0.408
10	241	23.261	23.230	-0.031
10	242	23.270	23.154	-0.115
10	243	23.122	22.954	-0.169
10	244	23.197	23.065	-0.132
30	141	23.368	23.149	-0.219
30	144	23.520	23.201	-0.319
30	145	23.357	23.083	-0.274
30	146	23.271	23.012	-0.259
30	147	23.305	23.010	-0.295
30	132	23.565	23.408	-0.157
30	133	23.256	22.964	-0.293
30	135	23.158	23.185	0.026
30	245	23.444	23.251	-0.193
30	246	23.360	23.107	-0.253
50	67	23.252	23.005	-0.247
50	68	23.180	23.141	-0.039
50	69	23.337	23.018	-0.319
50	71	23.382	23.144	-0.238
50	72	23.153	22.856	-0.297
50	172	23.392	23.036	-0.356
50	173	23.415	23.225	-0.190
50	174	23.426	23.132	-0.294
50	183	23.520	23.243	-0.277
50	186	23.427	23.179	-0.248
100	95	23.458	23.053	-0.404
100	102	23.235	22.761	-0.473
100	104	23.323	22.864	-0.459
100	105	23.188	22.755	-0.433
100	106	23.313	22.999	-0.314
100	178	23.264	22.913	-0.352
100	179	23.515	23.140	-0.375
100	180	23.471	23.204	-0.267
100	181	23.418	23.004	-0.414
100	182	23.297	22.796	-0.501
Max		23.643	23.408	0.026
Average		23.343	23.111	-0.233
Min		23.051	22.755	-0.501
Std Dev		0.125	0.160	0.131



110.2 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	23.269	22.946	22.915	22.964	22.856	22.755
Average	23.269	23.215	23.139	23.137	23.098	22.949
Max	23.269	23.400	23.391	23.408	23.243	23.204
UL	38.000	38.000	38.000	38.000	38.000	38.000

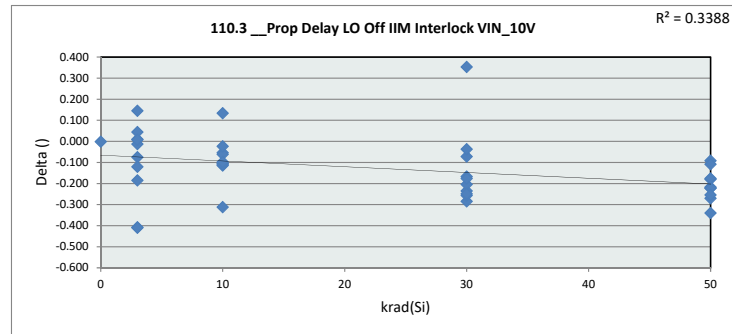


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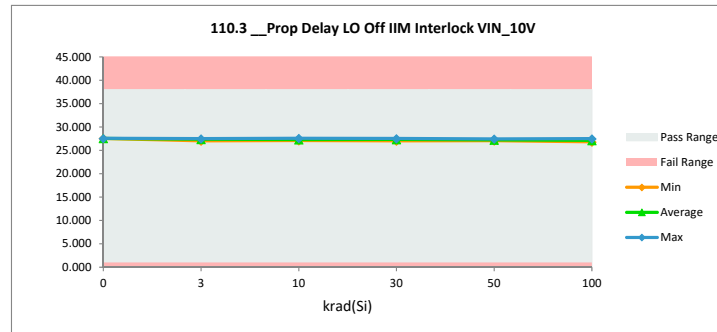
110.3 Prop Delay LO Off IIM Interlock VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	27.573	27.573	0.000
3	58	27.338	27.484	0.147
3	59	27.592	27.518	-0.074
3	60	27.262	27.251	-0.011
3	61	27.421	27.433	0.012
3	62	27.387	27.433	0.045
3	134	27.794	27.388	-0.406
3	137	27.616	27.432	-0.184
3	138	27.568	27.449	-0.119
3	139	27.313	27.322	0.009
3	236	27.454	27.045	-0.409
10	63	27.382	27.330	-0.052
10	64	27.552	27.448	-0.104
10	65	27.268	27.208	-0.060
10	66	27.210	27.097	-0.113
10	150	27.707	27.606	-0.101
10	237	27.451	27.141	-0.310
10	241	27.250	27.385	0.135
10	242	27.454	27.345	-0.109
10	243	27.203	27.107	-0.096
10	244	27.212	27.190	-0.022
30	141	27.489	27.255	-0.234
30	144	27.702	27.499	-0.203
30	145	27.537	27.371	-0.166
30	146	27.413	27.343	-0.070
30	147	27.298	27.015	-0.283
30	132	27.793	27.538	-0.255
30	133	27.406	27.158	-0.248
30	135	27.114	27.468	0.354
30	245	27.410	27.374	-0.036
30	246	27.558	27.383	-0.175
50	67	27.291	27.201	-0.090
50	68	27.365	27.259	-0.107
50	69	27.483	27.304	-0.179
50	71	27.466	27.250	-0.215
50	72	27.300	27.080	-0.220
50	172	27.327	27.106	-0.221
50	173	27.315	27.141	-0.174
50	174	27.704	27.365	-0.339
50	183	27.728	27.459	-0.268
50	186	27.547	27.295	-0.252
100	95	27.505	27.125	-0.380
100	102	27.376	27.126	-0.250
100	104	27.252	26.839	-0.414
100	105	27.288	26.941	-0.347
100	106	27.464	27.322	-0.143
100	178	27.473	27.024	-0.449
100	179	27.761	27.464	-0.297
100	180	27.769	27.508	-0.261
100	181	27.507	27.144	-0.363
100	182	27.460	26.941	-0.519
Max		27.794	27.606	0.354
Average		27.453	27.284	-0.169
Min		27.114	26.839	-0.519
Std Dev		0.171	0.182	0.166



110.3 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	27.573	27.045	27.097	27.015	27.080	26.839
Average	27.573	27.375	27.286	27.340	27.246	27.143
Max	27.573	27.518	27.606	27.538	27.459	27.508
UL	38.000	38.000	38.000	38.000	38.000	38.000

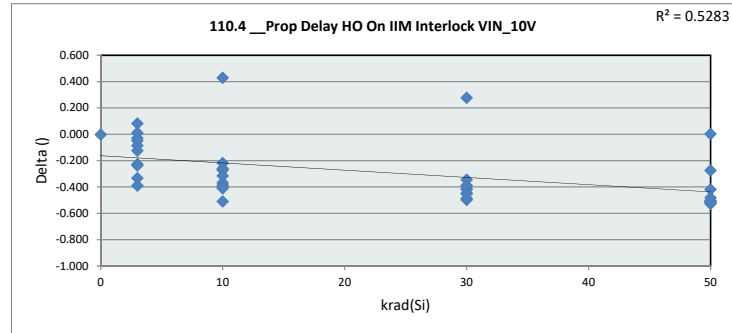


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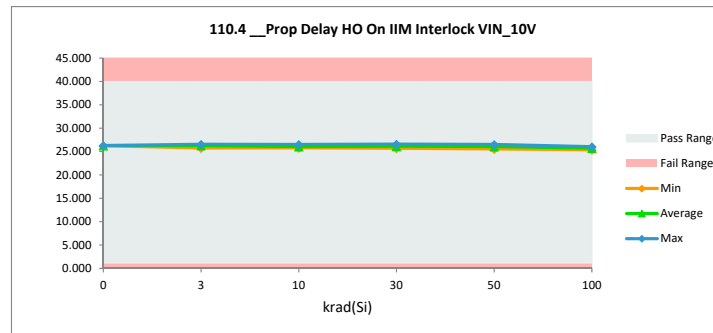
110.4 Prop Delay HO On IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	26.267	26.267	0.000
3	58	26.383	26.337	-0.046
3	59	26.458	26.233	-0.225
3	60	25.994	25.759	-0.235
3	61	26.620	26.537	-0.084
3	62	26.622	26.499	-0.123
3	134	26.433	26.517	0.084
3	137	26.542	26.516	-0.026
3	138	26.861	26.473	-0.388
3	139	26.436	26.106	-0.330
3	236	26.024	26.038	0.014
10	63	26.365	26.107	-0.258
10	64	26.548	26.163	-0.385
10	65	26.341	25.976	-0.366
10	66	26.434	26.218	-0.216
10	150	26.322	25.927	-0.395
10	237	26.529	26.022	-0.507
10	241	26.069	26.500	0.432
10	242	26.063	25.793	-0.269
10	243	26.361	25.953	-0.408
10	244	26.357	26.044	-0.313
30	141	26.251	25.865	-0.386
30	144	26.758	26.314	-0.444
30	145	26.931	26.588	-0.342
30	146	26.289	25.794	-0.496
30	147	26.179	25.693	-0.486
30	132	26.933	26.516	-0.417
30	133	26.414	26.001	-0.414
30	135	26.298	26.576	0.279
30	245	26.500	26.110	-0.391
30	246	26.281	25.830	-0.451
50	67	26.518	26.012	-0.506
50	68	26.123	26.128	0.006
50	69	26.580	26.054	-0.526
50	71	26.923	26.422	-0.501
50	72	25.982	25.566	-0.416
50	172	26.741	26.232	-0.509
50	173	26.484	25.965	-0.519
50	174	26.328	26.056	-0.272
50	183	26.403	25.893	-0.510
50	186	26.989	26.510	-0.479
100	95	26.506	25.799	-0.707
100	102	26.223	25.396	-0.827
100	104	26.201	25.495	-0.705
100	105	26.282	25.628	-0.654
100	106	26.573	25.880	-0.693
100	178	26.484	25.830	-0.654
100	179	26.672	25.894	-0.778
100	180	26.660	26.051	-0.609
100	181	26.418	25.775	-0.643
100	182	26.510	25.705	-0.806
Max		26.989	26.588	0.432
Average		26.440	26.070	-0.371
Min		25.982	25.396	-0.827
Std Dev		0.245	0.306	0.267



110.4 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	26.267	25.759	25.793	25.693	25.566	25.397
Average	26.267	26.301	26.070	26.129	26.084	25.745
Max	26.267	26.537	26.500	26.589	26.510	26.051
UL	40.000	40.000	40.000	40.000	40.000	40.000

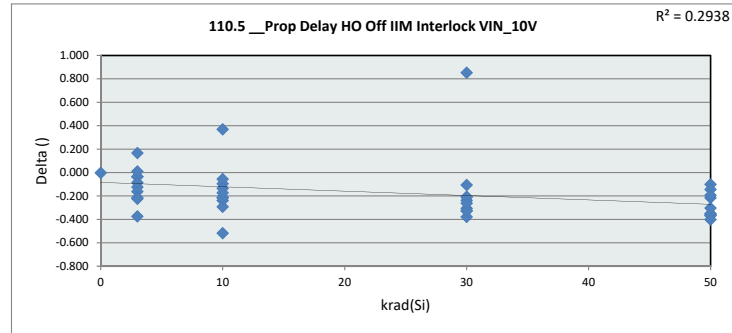


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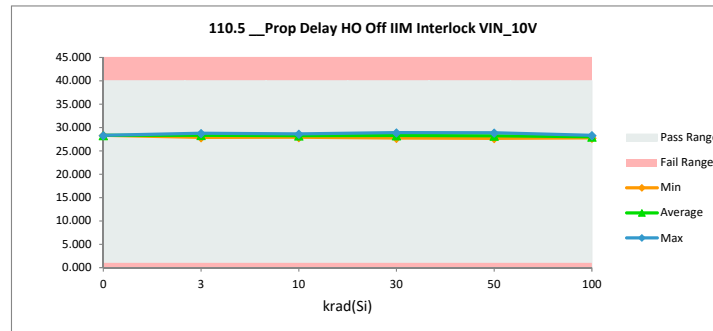
110.5 Prop Delay HO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	28.327	28.327	0.000
3	58	28.370	28.539	0.169
3	59	28.395	28.235	-0.160
3	60	27.896	27.863	-0.033
3	61	28.789	28.756	-0.033
3	62	28.710	28.722	0.012
3	134	28.507	28.386	-0.121
3	137	28.635	28.423	-0.212
3	138	28.781	28.410	-0.371
3	139	28.209	28.125	-0.084
3	236	28.140	27.918	-0.222
10	63	28.275	28.182	-0.093
10	64	28.698	28.461	-0.237
10	65	28.150	27.940	-0.210
10	66	28.687	28.633	-0.053
10	150	28.395	28.104	-0.290
10	237	28.426	27.910	-0.515
10	241	28.045	28.417	0.372
10	242	28.278	28.145	-0.133
10	243	28.644	28.431	-0.213
10	244	28.433	28.263	-0.170
30	141	28.198	27.992	-0.206
30	144	28.823	28.448	-0.376
30	145	28.767	28.663	-0.104
30	146	28.480	28.176	-0.304
30	147	27.956	27.721	-0.235
30	132	28.958	28.632	-0.325
30	133	28.278	27.955	-0.323
30	135	28.060	28.916	0.855
30	245	28.551	28.346	-0.205
30	246	28.081	27.822	-0.260
50	67	28.231	28.018	-0.213
50	68	28.450	28.352	-0.098
50	69	28.282	27.919	-0.363
50	71	29.013	28.870	-0.143
50	72	28.048	27.698	-0.351
50	172	28.547	28.182	-0.365
50	173	28.488	28.139	-0.349
50	174	28.306	28.115	-0.191
50	183	28.408	28.010	-0.398
50	186	29.049	28.749	-0.300
100	95	28.300	27.867	-0.434
100	102	28.440	27.817	-0.623
100	104	28.244	27.762	-0.482
100	105	28.497	28.079	-0.417
100	106	28.642	28.325	-0.317
100	178	28.340	27.832	-0.508
100	179	28.759	28.232	-0.527
100	180	28.524	28.147	-0.377
100	181	28.354	28.026	-0.328
100	182	28.668	28.017	-0.652
Max		29.049	28.916	0.855
Average		28.442	28.216	-0.226
Min		27.896	27.698	-0.652
Std Dev		0.270	0.313	0.243



110.5 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	28.327	27.863	27.911	27.721	27.698	27.762
Average	28.327	28.338	28.249	28.267	28.205	28.010
Max	28.327	28.756	28.634	28.916	28.870	28.325
UL	40.000	40.000	40.000	40.000	40.000	40.000

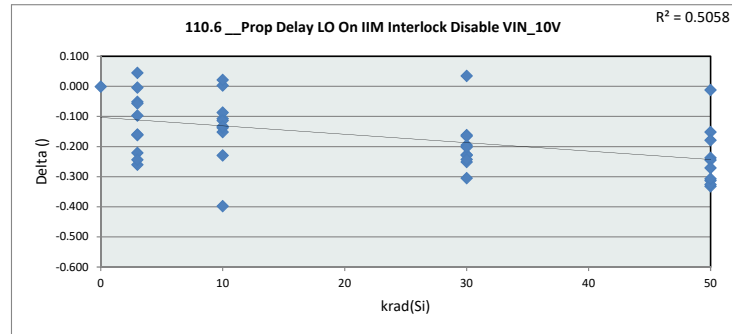


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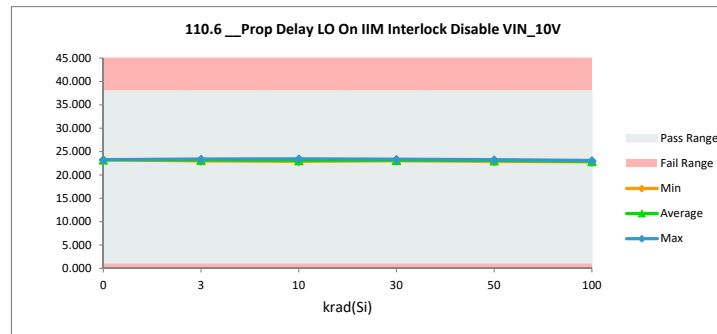
110.6 __Prop Delay LO On IIM Interlock Disable VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	23.249	23.249	0.000
3	58	23.206	23.203	-0.003
3	59	23.437	23.386	-0.050
3	60	23.208	23.254	0.046
3	61	23.223	23.168	-0.056
3	62	23.285	23.188	-0.096
3	134	23.447	23.285	-0.161
3	137	23.510	23.250	-0.259
3	138	23.414	23.194	-0.220
3	139	23.310	23.152	-0.159
3	236	23.216	22.973	-0.243
10	63	23.350	23.354	0.004
10	64	23.417	23.311	-0.106
10	65	23.273	23.187	-0.086
10	66	22.986	22.874	-0.112
10	150	23.607	23.457	-0.151
10	237	23.353	22.956	-0.397
10	241	23.211	23.233	0.022
10	242	23.273	23.045	-0.228
10	243	23.107	22.971	-0.136
10	244	23.150	23.019	-0.131
30	141	23.362	23.167	-0.194
30	144	23.489	23.186	-0.304
30	145	23.341	23.115	-0.226
30	146	23.238	23.077	-0.161
30	147	23.303	23.075	-0.228
30	132	23.539	23.375	-0.164
30	133	23.236	23.035	-0.201
30	135	23.144	23.180	0.035
30	245	23.408	23.158	-0.250
30	246	23.332	23.090	-0.242
50	67	23.213	23.062	-0.151
50	68	23.167	23.156	-0.011
50	69	23.299	22.968	-0.331
50	71	23.365	23.053	-0.312
50	72	23.134	22.898	-0.236
50	172	23.362	23.037	-0.325
50	173	23.364	23.186	-0.178
50	174	23.427	23.121	-0.306
50	183	23.503	23.260	-0.244
50	186	23.418	23.148	-0.270
100	95	23.421	22.977	-0.444
100	102	23.200	22.830	-0.370
100	104	23.305	22.794	-0.511
100	105	23.138	22.789	-0.349
100	106	23.247	23.052	-0.194
100	178	23.229	22.896	-0.332
100	179	23.475	23.108	-0.367
100	180	23.444	23.096	-0.347
100	181	23.394	22.934	-0.460
100	182	23.263	22.802	-0.461
Max		23.607	23.457	0.046
Average		23.314	23.105	-0.209
Min		22.986	22.789	-0.511
Std Dev		0.127	0.157	0.138



110.6 __Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	23.249	22.973	22.874	23.035	22.898	22.789
Average	23.249	23.205	23.141	23.146	23.089	22.928
Max	23.249	23.386	23.457	23.375	23.260	23.108
UL	38.000	38.000	38.000	38.000	38.000	38.000

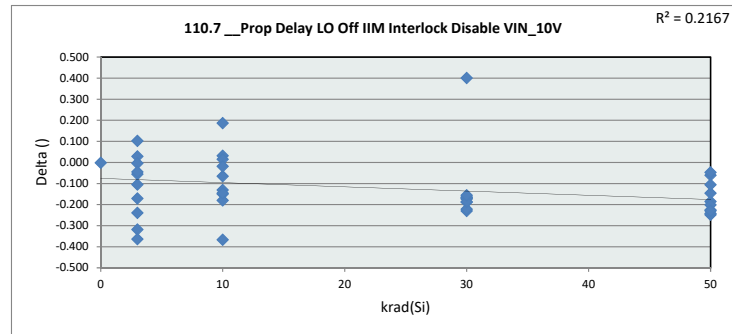


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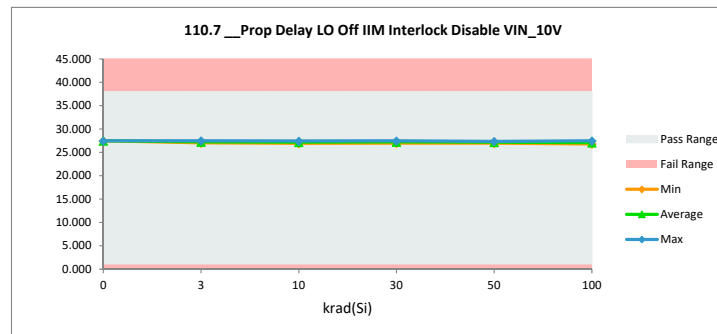
110.7 Prop Delay LO Off IIM Interlock Disable VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	27.478	27.478	0.000
3	58	27.238	27.341	0.103
3	59	27.468	27.498	0.030
3	60	27.159	27.105	-0.054
3	61	27.284	27.281	-0.003
3	62	27.279	27.236	-0.043
3	134	27.654	27.337	-0.317
3	137	27.523	27.285	-0.237
3	138	27.451	27.281	-0.169
3	139	27.202	27.099	-0.103
3	236	27.378	27.015	-0.363
10	63	27.242	27.275	0.033
10	64	27.433	27.303	-0.130
10	65	27.104	27.121	0.017
10	66	27.067	27.003	-0.064
10	150	27.590	27.441	-0.148
10	237	27.301	26.936	-0.366
10	241	27.095	27.283	0.188
10	242	27.316	27.138	-0.178
10	243	27.105	26.960	-0.144
10	244	27.120	27.103	-0.017
30	141	27.361	27.198	-0.163
30	144	27.586	27.414	-0.172
30	145	27.384	27.216	-0.168
30	146	27.329	27.100	-0.229
30	147	27.143	26.956	-0.187
30	132	27.683	27.463	-0.220
30	133	27.283	27.118	-0.165
30	135	26.990	27.392	0.402
30	245	27.285	27.100	-0.186
30	246	27.404	27.250	-0.154
50	67	27.171	27.111	-0.059
50	68	27.264	27.219	-0.046
50	69	27.389	27.205	-0.184
50	71	27.338	27.193	-0.144
50	72	27.169	26.944	-0.224
50	172	27.186	26.987	-0.200
50	173	27.160	27.057	-0.104
50	174	27.566	27.319	-0.247
50	183	27.607	27.366	-0.241
50	186	27.423	27.195	-0.228
100	95	27.361	26.957	-0.404
100	102	27.242	26.967	-0.275
100	104	27.126	26.806	-0.320
100	105	27.164	26.816	-0.348
100	106	27.339	27.264	-0.076
100	178	27.353	27.036	-0.317
100	179	27.630	27.319	-0.312
100	180	27.638	27.470	-0.168
100	181	27.360	27.161	-0.199
100	182	27.309	26.884	-0.425
Max		27.683	27.498	0.402
Average		27.328	27.176	-0.151
Min		26.990	26.806	-0.425
Std Dev		0.172	0.178	0.152



110.7 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	27.478	27.015	26.936	26.956	26.944	26.806
Average	27.478	27.248	27.156	27.221	27.160	27.068
Max	27.478	27.498	27.441	27.463	27.366	27.470
UL	38.000	38.000	38.000	38.000	38.000	38.000

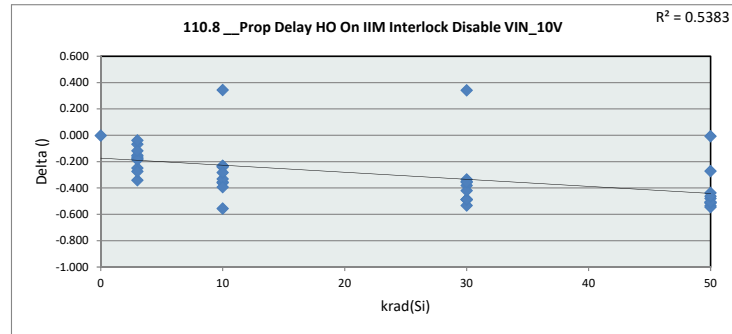


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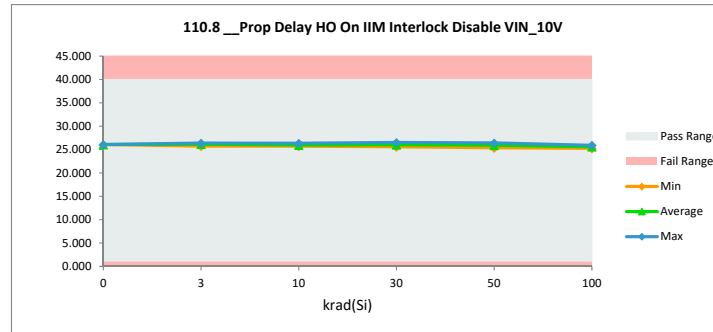
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110.8 Prop Delay HO On IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	26.076	26.076	0.000
3	58	26.303	26.129	-0.174
3	59	26.316	26.070	-0.246
3	60	25.893	25.743	-0.150
3	61	26.467	26.305	-0.162
3	62	26.551	26.367	-0.184
3	134	26.353	26.287	-0.066
3	137	26.467	26.351	-0.116
3	138	26.702	26.364	-0.339
3	139	26.325	26.053	-0.272
3	236	25.955	25.918	-0.037
10	63	26.232	26.001	-0.231
10	64	26.434	26.076	-0.359
10	65	26.185	25.832	-0.353
10	66	26.305	26.076	-0.229
10	150	26.178	25.850	-0.329
10	237	26.419	25.866	-0.554
10	241	25.981	26.327	0.347
10	242	25.955	25.717	-0.237
10	243	26.230	25.840	-0.391
10	244	26.270	25.989	-0.281
30	141	26.159	25.673	-0.485
30	144	26.637	26.152	-0.485
30	145	26.827	26.478	-0.350
30	146	26.191	25.661	-0.530
30	147	26.084	25.598	-0.486
30	132	26.790	26.410	-0.379
30	133	26.294	25.877	-0.417
30	135	26.180	26.523	0.343
30	245	26.388	26.055	-0.333
30	246	26.137	25.784	-0.353
50	67	26.368	25.834	-0.533
50	68	25.997	25.992	-0.005
50	69	26.430	25.917	-0.513
50	71	26.834	26.292	-0.542
50	72	25.891	25.386	-0.505
50	172	26.552	26.076	-0.477
50	173	26.354	25.919	-0.435
50	174	26.197	25.927	-0.270
50	183	26.252	25.747	-0.505
50	186	26.862	26.401	-0.461
100	95	26.391	25.703	-0.688
100	102	26.069	25.278	-0.791
100	104	26.073	25.358	-0.716
100	105	26.169	25.591	-0.578
100	106	26.456	25.674	-0.782
100	178	26.346	25.686	-0.660
100	179	26.531	25.853	-0.677
100	180	26.548	25.925	-0.623
100	181	26.312	25.628	-0.684
100	182	26.420	25.518	-0.901
Max		26.862	26.523	0.347
Average		26.320	25.944	-0.376
Min		25.891	25.278	-0.901
Std Dev		0.241	0.299	0.257



110.8 Prop Delay						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	40					
Min Limit	1					
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	26.076	25.744	25.717	25.598	25.386	25.278
Average	26.076	26.159	25.957	26.021	25.949	25.621
Max	26.076	26.367	26.327	26.523	26.401	25.925
UL	40.000	40.000	40.000	40.000	40.000	40.000

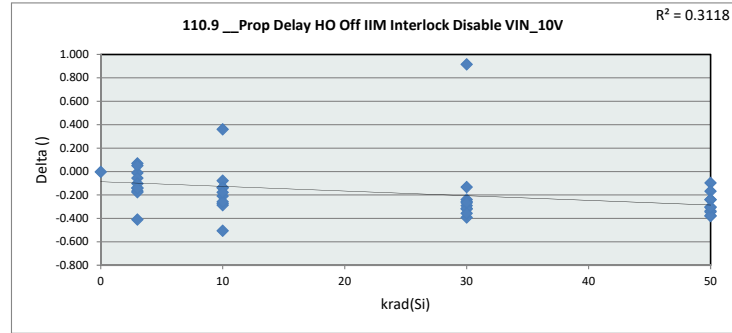


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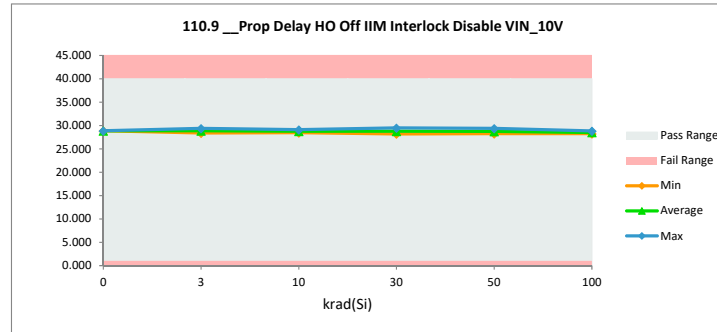
110.9 Prop Delay HO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	28.874	28.874	0.000
3	58	28.919	28.911	-0.008
3	59	28.886	28.723	-0.163
3	60	28.443	28.390	-0.053
3	61	29.291	29.364	0.073
3	62	29.243	29.297	0.054
3	134	29.001	28.865	-0.137
3	137	29.144	28.970	-0.173
3	138	29.281	28.875	-0.406
3	139	28.721	28.621	-0.100
3	236	28.661	28.521	-0.140
10	63	28.851	28.719	-0.132
10	64	29.224	28.954	-0.271
10	65	28.672	28.466	-0.206
10	66	29.182	29.108	-0.075
10	150	28.902	28.617	-0.284
10	237	28.965	28.461	-0.503
10	241	28.539	28.902	0.363
10	242	28.785	28.648	-0.137
10	243	29.169	28.913	-0.256
10	244	28.967	28.792	-0.175
30	141	28.720	28.484	-0.236
30	144	29.343	28.955	-0.389
30	145	29.290	29.160	-0.130
30	146	29.030	28.713	-0.317
30	147	28.499	28.210	-0.289
30	132	29.476	29.163	-0.313
30	133	28.765	28.411	-0.354
30	135	28.577	29.495	0.919
30	245	29.074	28.820	-0.254
30	246	28.622	28.358	-0.264
50	67	28.720	28.483	-0.237
50	68	28.992	28.897	-0.094
50	69	28.795	28.495	-0.300
50	71	29.546	29.382	-0.165
50	72	28.579	28.245	-0.334
50	172	29.065	28.689	-0.377
50	173	29.044	28.702	-0.342
50	174	28.835	28.599	-0.236
50	183	28.919	28.544	-0.375
50	186	29.557	29.254	-0.303
100	95	28.803	28.332	-0.471
100	102	28.991	28.321	-0.669
100	104	28.749	28.232	-0.517
100	105	29.053	28.565	-0.487
100	106	29.200	28.843	-0.357
100	178	28.799	28.301	-0.498
100	179	29.344	28.836	-0.507
100	180	29.048	28.606	-0.442
100	181	28.909	28.541	-0.368
100	182	29.166	28.497	-0.669
Max		29.557	29.495	0.919
Average		28.965	28.728	-0.237
Min		28.443	28.210	-0.669
Std Dev		0.271	0.319	0.251



110.9 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	28.874	28.390	28.461	28.210	28.245	28.232
Average	28.874	28.854	28.758	28.777	28.729	28.508
Max	28.874	29.364	29.108	29.495	29.382	28.843
UL	40.000	40.000	40.000	40.000	40.000	40.000

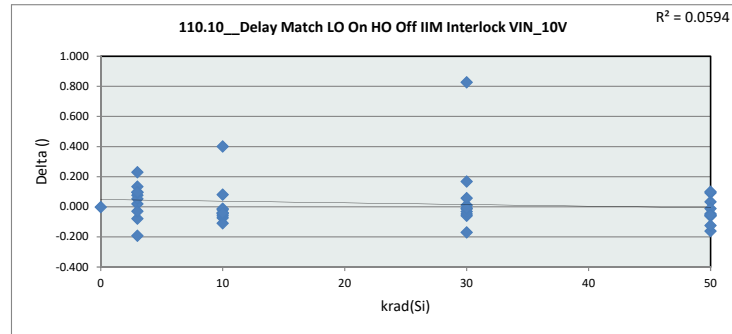


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110.10 Delay Match LO On HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit		

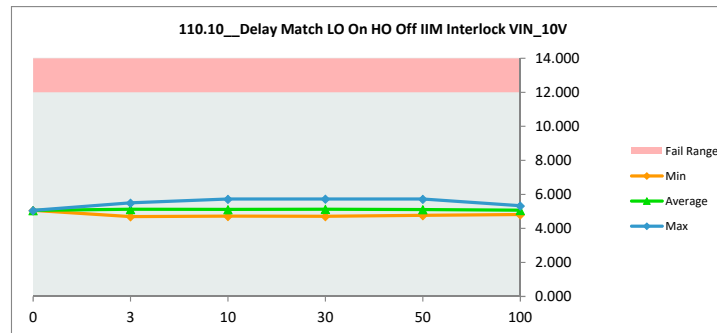
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	5.058	5.058	0.000
3	58	5.105	5.337	0.232
3	59	4.911	4.835	-0.077
3	60	4.674	4.696	0.022
3	61	5.524	5.496	-0.027
3	62	5.409	5.487	0.079
3	134	5.018	5.154	0.136
3	137	5.104	5.160	0.055
3	138	5.345	5.154	-0.190
3	139	4.840	4.939	0.099
3	236	4.873	4.972	0.099
10	63	4.894	4.884	-0.010
10	64	5.235	5.164	-0.071
10	65	4.867	4.809	-0.058
10	66	5.636	5.719	0.083
10	150	4.751	4.713	-0.038
10	237	5.059	4.952	-0.107
10	241	4.784	5.187	0.403
10	242	5.008	4.991	-0.017
10	243	5.521	5.477	-0.045
10	244	5.236	5.197	-0.039
30	141	4.829	4.842	0.013
30	144	5.304	5.247	-0.057
30	145	5.410	5.580	0.170
30	146	5.209	5.164	-0.045
30	147	4.651	4.711	0.060
30	132	5.393	5.225	-0.168
30	133	5.021	4.991	-0.030
30	135	4.902	5.731	0.829
30	245	5.106	5.095	-0.012
30	246	4.721	4.715	-0.006
50	67	4.978	5.013	0.035
50	68	5.270	5.211	-0.059
50	69	4.945	4.901	-0.044
50	71	5.631	5.726	0.095
50	72	4.895	4.841	-0.054
50	172	5.155	5.146	-0.009
50	173	5.073	4.914	-0.159
50	174	4.881	4.983	0.102
50	183	4.888	4.767	-0.122
50	186	5.622	5.570	-0.052
100	95	4.843	4.813	-0.029
100	102	5.205	5.055	-0.150
100	104	4.920	4.898	-0.022
100	105	5.308	5.324	0.016
100	106	5.329	5.326	-0.003
100	178	5.076	4.920	-0.156
100	179	5.244	5.092	-0.152
100	180	5.054	4.943	-0.110
100	181	4.937	5.022	0.086
100	182	5.372	5.221	-0.151
Max		5.636	5.731	0.829
Average		5.099	5.105	0.007
Min		4.651	4.696	-0.190
Std Dev		0.257	0.274	0.160



110.10 Delay Match

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	

krad(Si)	0	3	10	30	50	100
LL						
Min	5.058	4.696	4.713	4.711	4.767	4.813
Average	5.058	5.123	5.109	5.130	5.107	5.062
Max	5.058	5.496	5.719	5.731	5.726	5.326
UL	12.000	12.000	12.000	12.000	12.000	12.000

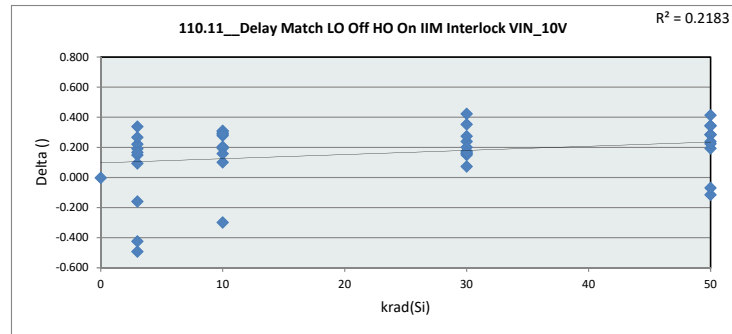


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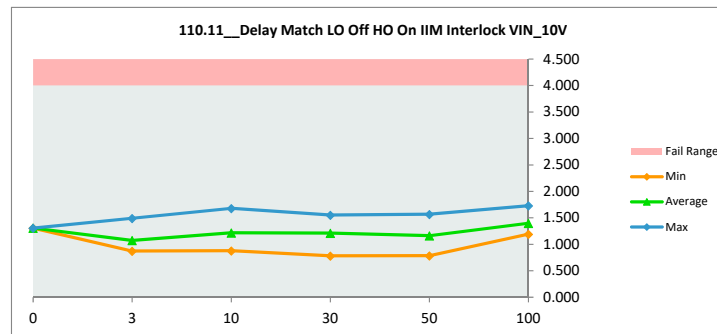
110.11 Delay Match LO Off HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	4	4
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.306	1.306	0.000
3	58	0.955	1.148	0.193
3	59	1.133	1.285	0.151
3	60	1.269	1.492	0.223
3	61	0.801	0.896	0.095
3	62	0.765	0.933	0.168
3	134	1.361	0.871	-0.490
3	137	1.074	0.916	-0.158
3	138	0.707	0.976	0.269
3	139	0.877	1.216	0.339
3	236	1.430	1.008	-0.423
10	63	1.017	1.223	0.206
10	64	1.004	1.285	0.281
10	65	0.926	1.232	0.306
10	66	0.776	0.879	0.103
10	150	1.385	1.679	0.294
10	237	0.922	1.119	0.197
10	241	1.181	0.885	-0.296
10	242	1.391	1.552	0.161
10	243	0.842	1.154	0.312
10	244	0.854	1.146	0.291
30	141	1.238	1.390	0.152
30	144	0.944	1.185	0.241
30	145	0.606	0.782	0.176
30	146	1.124	1.549	0.425
30	147	1.119	1.322	0.203
30	132	0.860	1.021	0.161
30	133	0.991	1.157	0.166
30	135	0.816	0.892	0.076
30	245	0.909	1.264	0.355
30	246	1.277	1.553	0.276
50	67	0.773	1.189	0.415
50	68	1.243	1.130	-0.112
50	69	0.903	1.250	0.347
50	71	0.543	0.829	0.285
50	72	1.318	1.513	0.196
50	172	0.586	0.874	0.288
50	173	0.831	1.176	0.344
50	174	1.375	1.309	-0.067
50	183	1.325	1.566	0.242
50	186	0.558	0.785	0.227
100	95	0.999	1.326	0.327
100	102	1.153	1.729	0.577
100	104	1.052	1.344	0.292
100	105	1.006	1.313	0.308
100	106	0.891	1.441	0.551
100	178	0.989	1.194	0.205
100	179	1.089	1.570	0.481
100	180	1.110	1.457	0.348
100	181	1.089	1.368	0.280
100	182	0.950	1.236	0.286
Max		1.430	1.729	0.577
Average		1.013	1.214	0.201
Min		0.543	0.782	-0.490
Std Dev		0.231	0.245	0.208



110.11 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	1.306	0.871	0.879	0.782	0.785	1.194
Average	1.306	1.074	1.215	1.212	1.162	1.398
Max	1.306	1.492	1.679	1.553	1.566	1.729
UL	4.000	4.000	4.000	4.000	4.000	4.000

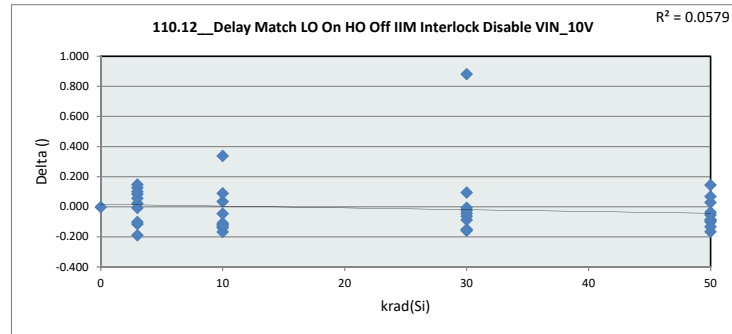


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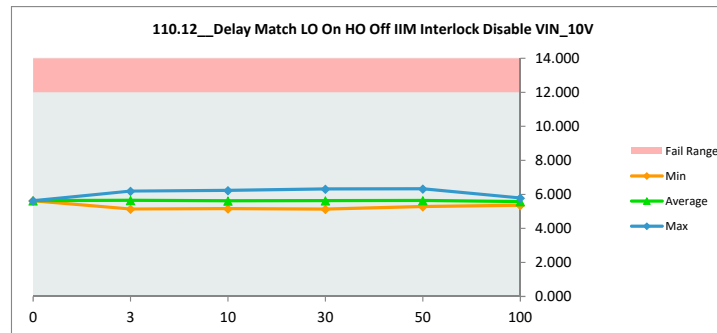
110.12 Delay Match LO On HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.625	5.625	0.000
3	58	5.714	5.708	-0.005
3	59	5.449	5.337	-0.113
3	60	5.235	5.136	-0.099
3	61	6.068	6.196	0.129
3	62	5.958	6.108	0.150
3	134	5.555	5.579	0.024
3	137	5.634	5.720	0.086
3	138	5.867	5.681	-0.187
3	139	5.411	5.469	0.058
3	236	5.445	5.548	0.103
10	63	5.501	5.365	-0.136
10	64	5.808	5.643	-0.165
10	65	5.399	5.279	-0.120
10	66	6.196	6.234	0.037
10	150	5.295	5.161	-0.134
10	237	5.612	5.505	-0.107
10	241	5.328	5.669	0.340
10	242	5.512	5.604	0.091
10	243	6.061	5.942	-0.119
10	244	5.817	5.773	-0.043
30	141	5.358	5.316	-0.042
30	144	5.854	5.769	-0.085
30	145	5.949	6.045	0.096
30	146	5.792	5.636	-0.156
30	147	5.196	5.135	-0.061
30	132	5.937	5.788	-0.149
30	133	5.530	5.376	-0.153
30	135	5.433	6.316	0.883
30	245	5.666	5.662	-0.004
30	246	5.291	5.268	-0.022
50	67	5.507	5.421	-0.086
50	68	5.825	5.741	-0.084
50	69	5.496	5.527	0.031
50	71	6.181	6.329	0.147
50	72	5.445	5.347	-0.098
50	172	5.703	5.652	-0.052
50	173	5.680	5.516	-0.164
50	174	5.409	5.478	0.070
50	183	5.415	5.284	-0.131
50	186	6.139	6.106	-0.034
100	95	5.382	5.355	-0.026
100	102	5.791	5.491	-0.300
100	104	5.445	5.439	-0.006
100	105	5.915	5.777	-0.138
100	106	5.953	5.790	-0.163
100	178	5.570	5.405	-0.165
100	179	5.869	5.728	-0.141
100	180	5.604	5.510	-0.095
100	181	5.515	5.607	0.092
100	182	5.903	5.695	-0.208
Max		6.196	6.329	0.883
Average		5.652	5.623	-0.028
Min		5.196	5.135	-0.300
Std Dev		0.261	0.295	0.175



110.12 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	12	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	5.625	5.136	5.161	5.135	5.284	5.355
Average	5.625	5.648	5.617	5.631	5.640	5.580
Max	5.625	6.196	6.234	6.316	6.329	5.790
UL	12.000	12.000	12.000	12.000	12.000	12.000

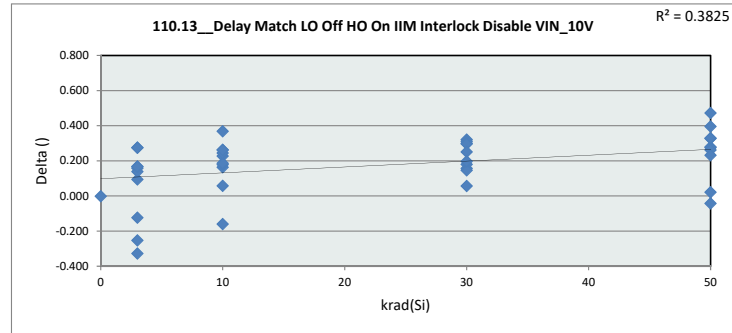


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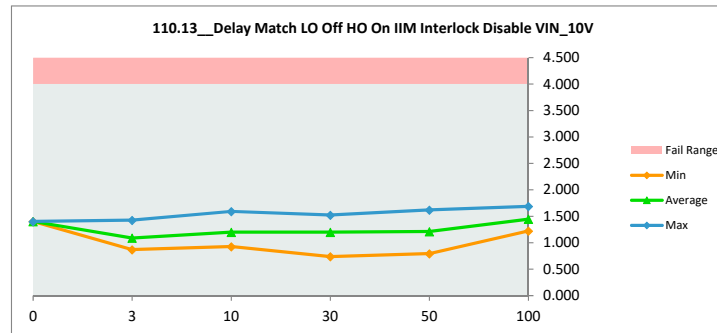
110.13 Delay Match LO Off HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	4	4
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.402	1.402	0.000
3	58	0.935	1.213	0.277
3	59	1.152	1.428	0.276
3	60	1.265	1.361	0.096
3	61	0.816	0.976	0.160
3	62	0.728	0.868	0.140
3	134	1.301	1.050	-0.251
3	137	1.056	0.934	-0.122
3	138	0.749	0.918	0.169
3	139	0.877	1.045	0.168
3	236	1.423	1.097	-0.326
10	63	1.010	1.275	0.264
10	64	0.998	1.227	0.229
10	65	0.919	1.289	0.370
10	66	0.762	0.927	0.165
10	150	1.411	1.592	0.180
10	237	0.882	1.070	0.188
10	241	1.114	0.955	-0.158
10	242	1.361	1.420	0.059
10	243	0.874	1.120	0.246
10	244	0.850	1.114	0.264
30	141	1.202	1.524	0.322
30	144	0.948	1.261	0.313
30	145	0.557	0.738	0.181
30	146	1.138	1.440	0.301
30	147	1.059	1.357	0.298
30	132	0.893	1.052	0.159
30	133	0.989	1.241	0.252
30	135	0.811	0.869	0.059
30	245	0.897	1.045	0.148
30	246	1.267	1.466	0.199
50	67	0.803	1.277	0.474
50	68	1.267	1.227	-0.040
50	69	0.960	1.289	0.329
50	71	0.504	0.902	0.398
50	72	1.278	1.559	0.281
50	172	0.634	0.911	0.277
50	173	0.807	1.137	0.331
50	174	1.369	1.392	0.023
50	183	1.355	1.619	0.263
50	186	0.561	0.794	0.233
100	95	0.970	1.254	0.284
100	102	1.173	1.689	0.516
100	104	1.053	1.449	0.396
100	105	0.995	1.225	0.230
100	106	0.883	1.590	0.707
100	178	1.007	1.350	0.343
100	179	1.100	1.465	0.366
100	180	1.090	1.545	0.455
100	181	1.048	1.533	0.486
100	182	0.889	1.366	0.477
Max		1.423	1.689	0.707
Average		1.008	1.232	0.225
Min		0.504	0.738	-0.326
Std Dev		0.231	0.243	0.191



110.13 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	1.402	0.868	0.927	0.738	0.794	1.225
Average	1.402	1.089	1.199	1.199	1.211	1.447
Max	1.402	1.428	1.592	1.524	1.619	1.689
UL	4.000	4.000	4.000	4.000	4.000	4.000

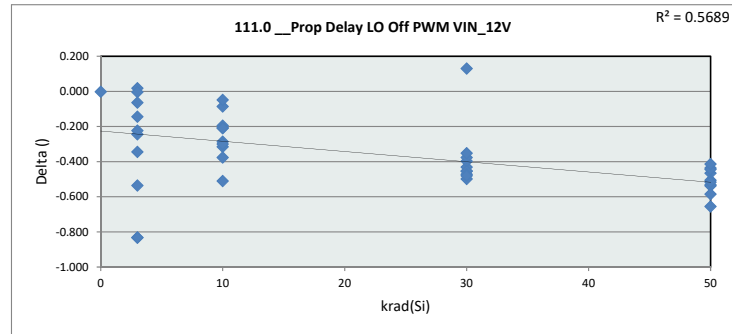


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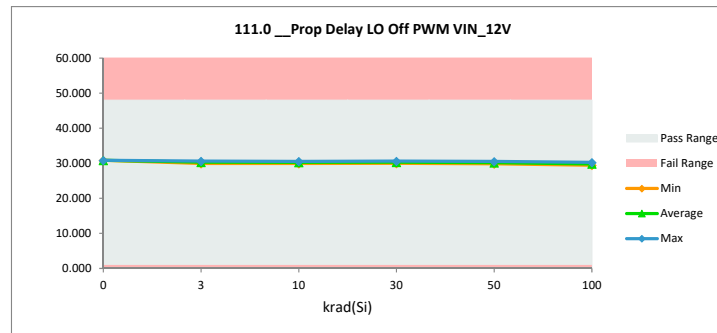
111.0 Prop Delay LO Off PWM		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	48	48
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	30.854	30.854	0.000
3	58	30.433	30.453	0.020
3	59	30.561	30.319	-0.242
3	60	30.356	30.354	-0.002
3	61	30.451	30.309	-0.143
3	62	30.673	30.610	-0.063
3	134	31.065	30.233	-0.831
3	137	30.641	30.298	-0.343
3	138	30.760	30.226	-0.534
3	139	30.443	30.221	-0.222
3	236	30.753	29.922	-0.830
10	63	30.524	30.440	-0.084
10	64	30.822	30.538	-0.284
10	65	30.408	30.215	-0.193
10	66	30.263	30.058	-0.205
10	150	30.790	30.476	-0.313
10	237	30.410	29.901	-0.509
10	241	30.261	30.214	-0.047
10	242	30.646	30.348	-0.298
10	243	30.435	30.061	-0.375
10	244	30.260	30.052	-0.208
30	141	30.734	30.281	-0.452
30	144	30.896	30.400	-0.496
30	145	30.732	30.302	-0.430
30	146	30.492	30.096	-0.395
30	147	30.417	29.966	-0.452
30	132	31.069	30.599	-0.470
30	133	30.563	30.084	-0.479
30	135	30.149	30.281	0.132
30	245	30.640	30.265	-0.375
30	246	30.802	30.451	-0.350
50	67	30.334	29.899	-0.435
50	68	30.662	30.198	-0.464
50	69	30.781	30.250	-0.531
50	71	30.810	30.307	-0.504
50	72	30.345	29.810	-0.536
50	172	30.327	29.812	-0.515
50	173	30.503	30.061	-0.442
50	174	31.026	30.373	-0.653
50	183	30.912	30.501	-0.412
50	186	30.788	30.205	-0.583
100	95	30.529	29.671	-0.859
100	102	30.431	29.691	-0.740
100	104	30.345	29.453	-0.892
100	105	30.569	29.671	-0.898
100	106	30.639	29.885	-0.754
100	178	30.577	29.805	-0.773
100	179	30.915	30.078	-0.837
100	180	30.988	30.250	-0.738
100	181	30.670	29.890	-0.781
100	182	30.745	29.801	-0.944
Max		31.069	30.854	0.132
Average		30.612	30.165	-0.446
Min		30.149	29.453	-0.944
Std Dev		0.229	0.282	0.272



111.0 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	48	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	30.854	29.922	29.901	29.966	29.810	29.453
Average	30.854	30.295	30.230	30.273	30.141	29.819
Max	30.854	30.610	30.538	30.599	30.501	30.250
UL	48.000	48.000	48.000	48.000	48.000	48.000

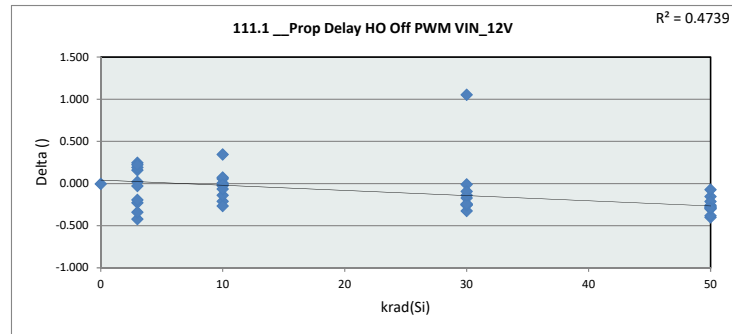


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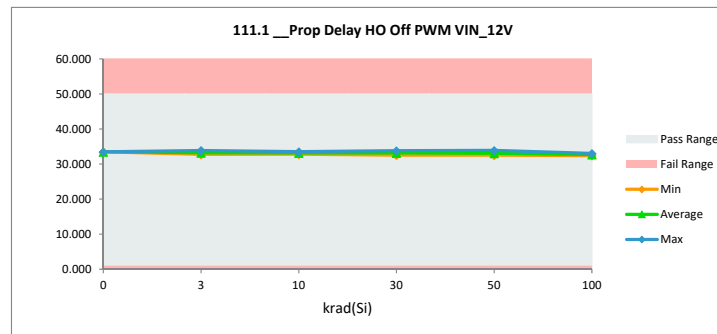
111.1 Prop Delay HO Off PWM		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	50	50
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	33.495	33.495	0.000
3	58	33.106	33.268	0.161
3	59	32.972	32.995	0.023
3	60	32.723	32.917	0.194
3	61	33.547	33.796	0.250
3	62	33.659	33.886	0.226
3	134	33.409	33.184	-0.225
3	137	33.339	33.149	-0.190
3	138	33.561	33.143	-0.418
3	139	33.000	32.975	-0.025
3	236	33.075	32.739	-0.336
10	63	33.178	33.238	0.060
10	64	33.570	33.547	-0.023
10	65	32.962	32.972	0.009
10	66	33.429	33.504	0.075
10	150	33.128	32.921	-0.208
10	237	33.039	32.776	-0.262
10	241	32.721	33.070	0.349
10	242	33.155	33.146	-0.009
10	243	33.530	33.395	-0.136
10	244	33.131	33.070	-0.061
30	141	33.121	32.875	-0.246
30	144	33.572	33.250	-0.321
30	145	33.625	33.619	-0.007
30	146	33.258	33.091	-0.167
30	147	32.752	32.505	-0.247
30	132	33.925	33.675	-0.251
30	133	33.042	32.804	-0.238
30	135	32.748	33.804	1.056
30	245	33.497	33.360	-0.137
30	246	32.939	32.848	-0.091
50	67	32.887	32.632	-0.255
50	68	33.360	33.209	-0.151
50	69	33.159	32.888	-0.271
50	71	33.948	33.878	-0.070
50	72	32.788	32.508	-0.280
50	172	33.261	32.964	-0.297
50	173	33.420	33.023	-0.397
50	174	33.314	33.105	-0.209
50	183	33.298	32.920	-0.378
50	186	33.922	33.632	-0.290
100	95	33.027	32.541	-0.486
100	102	33.185	32.462	-0.723
100	104	33.031	32.410	-0.621
100	105	33.409	32.933	-0.476
100	106	33.468	33.031	-0.437
100	178	33.012	32.409	-0.602
100	179	33.560	32.934	-0.626
100	180	33.426	32.890	-0.536
100	181	33.306	32.662	-0.644
100	182	33.625	32.793	-0.832
Max		33.948	33.886	1.056
Average		33.267	33.075	-0.192
Min		32.721	32.409	-0.832
Std Dev		0.311	0.386	0.314



111.1 Prop Delay	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	50
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	33.496	32.739	32.776	32.505	32.508	32.409
Average	33.496	33.205	33.164	33.183	33.076	32.706
Max	33.496	33.886	33.547	33.804	33.878	33.031
UL	50.000	50.000	50.000	50.000	50.000	50.000



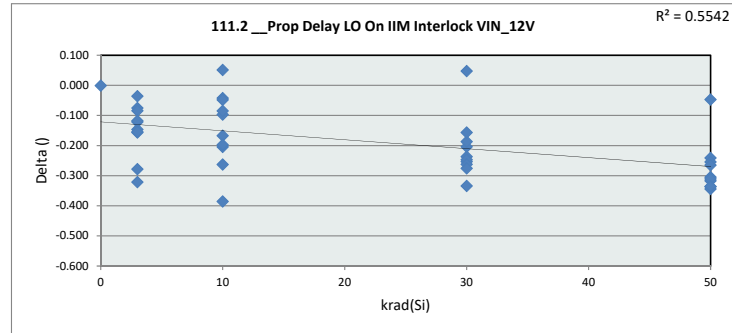
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111.2 Prop Delay LO On IIM In

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

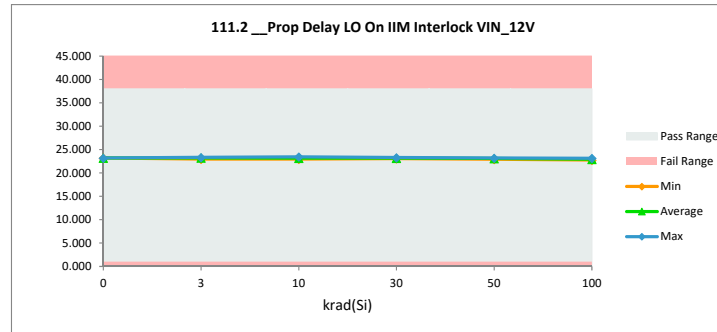
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	23.205	23.205	0.000
3	58	23.258	23.184	-0.074
3	59	23.500	23.344	-0.155
3	60	23.230	23.194	-0.035
3	61	23.260	23.176	-0.083
3	62	23.317	23.196	-0.121
3	134	23.480	23.335	-0.145
3	137	23.544	23.266	-0.277
3	138	23.437	23.284	-0.153
3	139	23.372	23.256	-0.117
3	236	23.278	22.958	-0.320
10	63	23.365	23.269	-0.096
10	64	23.451	23.248	-0.203
10	65	23.297	23.256	-0.042
10	66	23.035	22.988	-0.047
10	150	23.628	23.462	-0.166
10	237	23.382	22.998	-0.384
10	241	23.235	23.287	0.052
10	242	23.313	23.051	-0.262
10	243	23.137	22.941	-0.196
10	244	23.200	23.116	-0.084
30	141	23.395	23.159	-0.236
30	144	23.526	23.193	-0.333
30	145	23.367	23.115	-0.252
30	146	23.276	23.073	-0.203
30	147	23.322	23.077	-0.246
30	132	23.567	23.306	-0.261
30	133	23.242	23.056	-0.186
30	135	23.175	23.223	0.049
30	245	23.448	23.173	-0.275
30	246	23.352	23.196	-0.156
50	67	23.284	23.044	-0.240
50	68	23.189	23.143	-0.046
50	69	23.325	23.021	-0.304
50	71	23.390	23.137	-0.253
50	72	23.170	22.906	-0.264
50	172	23.398	23.082	-0.316
50	173	23.438	23.128	-0.310
50	174	23.438	23.102	-0.336
50	183	23.526	23.183	-0.343
50	186	23.456	23.122	-0.335
100	95	23.440	22.953	-0.486
100	102	23.229	22.817	-0.412
100	104	23.357	22.824	-0.533
100	105	23.180	22.763	-0.418
100	106	23.303	22.972	-0.331
100	178	23.277	22.896	-0.380
100	179	23.499	23.090	-0.410
100	180	23.502	23.147	-0.355
100	181	23.403	23.056	-0.346
100	182	23.274	22.784	-0.489
Max		23.628	23.462	0.052
Average		23.346	23.113	-0.234
Min		23.035	22.763	-0.533
Std Dev		0.126	0.151	0.140



111.2 Prop Delay

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	38
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	23.205	22.958	22.941	23.056	22.906	22.763
Average	23.205	23.219	23.162	23.157	23.087	22.930
Max	23.205	23.344	23.462	23.306	23.183	23.147
UL	38.000	38.000	38.000	38.000	38.000	38.000

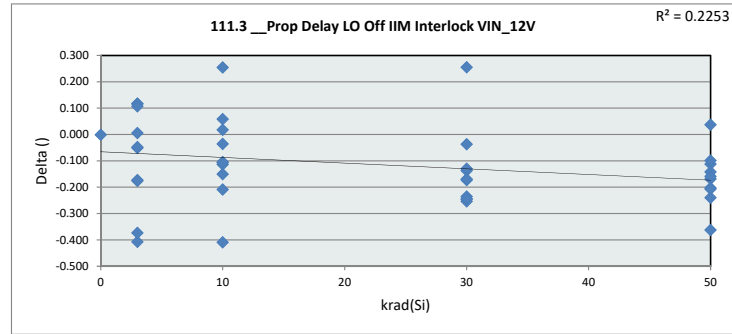


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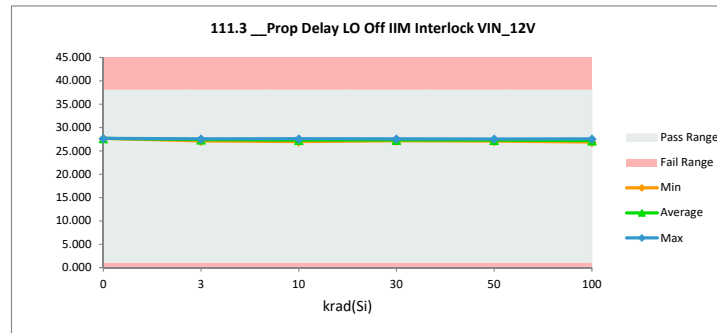
111.3 Prop Delay LO Off IIM Interlock VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	27.681	27.681	0.000
3	58	27.357	27.474	0.117
3	59	27.602	27.553	-0.049
3	60	27.257	27.375	0.118
3	61	27.418	27.425	0.007
3	62	27.376	27.484	0.108
3	134	27.789	27.383	-0.406
3	137	27.616	27.441	-0.175
3	138	27.581	27.410	-0.171
3	139	27.304	27.257	-0.047
3	236	27.490	27.117	-0.372
10	63	27.348	27.407	0.059
10	64	27.533	27.384	-0.150
10	65	27.241	27.259	0.019
10	66	27.217	27.105	-0.112
10	150	27.704	27.599	-0.104
10	237	27.427	27.019	-0.408
10	241	27.243	27.498	0.255
10	242	27.467	27.363	-0.104
10	243	27.187	26.980	-0.207
10	244	27.219	27.184	-0.034
30	141	27.502	27.256	-0.245
30	144	27.727	27.493	-0.234
30	145	27.509	27.372	-0.136
30	146	27.406	27.371	-0.036
30	147	27.291	27.163	-0.128
30	132	27.804	27.551	-0.252
30	133	27.423	27.181	-0.243
30	135	27.114	27.370	0.257
30	245	27.410	27.238	-0.172
30	246	27.518	27.350	-0.168
50	67	27.267	27.126	-0.141
50	68	27.379	27.417	0.038
50	69	27.515	27.348	-0.167
50	71	27.456	27.345	-0.111
50	72	27.292	27.090	-0.202
50	172	27.319	27.080	-0.238
50	173	27.295	27.197	-0.098
50	174	27.734	27.373	-0.361
50	183	27.707	27.549	-0.158
50	186	27.541	27.335	-0.206
100	95	27.469	27.198	-0.271
100	102	27.386	27.133	-0.253
100	104	27.273	26.881	-0.392
100	105	27.290	26.945	-0.345
100	106	27.487	27.344	-0.143
100	178	27.463	27.165	-0.299
100	179	27.731	27.569	-0.162
100	180	27.773	27.522	-0.251
100	181	27.485	27.172	-0.313
100	182	27.472	27.056	-0.415
Max		27.804	27.681	0.257
Average		27.453	27.306	-0.147
Min		27.114	26.881	-0.415
Std Dev		0.175	0.184	0.160



111.3 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	27.681	27.117	26.980	27.163	27.080	26.881
Average	27.681	27.392	27.280	27.334	27.286	27.198
Max	27.681	27.553	27.599	27.551	27.549	27.569
UL	38.000	38.000	38.000	38.000	38.000	38.000



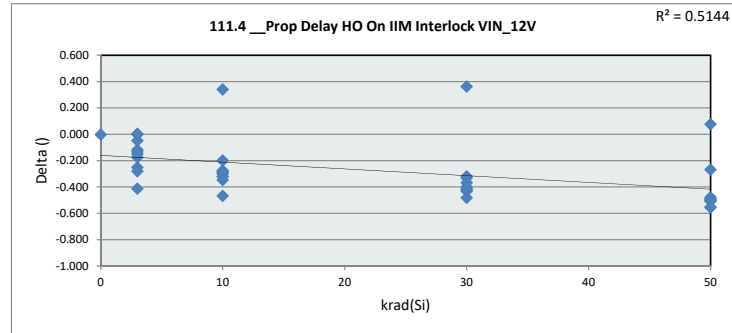
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111.4 Prop Delay HO On IIM I

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

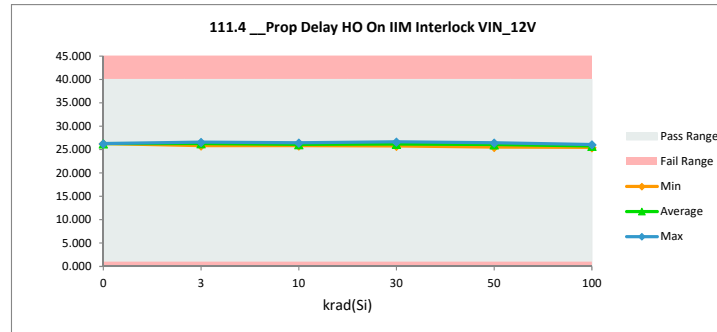
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	26.282	26.282	0.000
3	58	26.374	26.260	-0.115
3	59	26.438	26.189	-0.249
3	60	26.006	25.834	-0.172
3	61	26.612	26.464	-0.148
3	62	26.628	26.581	-0.047
3	134	26.470	26.471	0.001
3	137	26.614	26.483	-0.131
3	138	26.886	26.476	-0.410
3	139	26.427	26.149	-0.279
3	236	26.065	26.071	0.006
10	63	26.372	26.098	-0.274
10	64	26.527	26.182	-0.345
10	65	26.320	26.025	-0.295
10	66	26.401	26.204	-0.197
10	150	26.303	25.986	-0.317
10	237	26.515	26.051	-0.465
10	241	26.105	26.448	0.343
10	242	26.096	25.814	-0.282
10	243	26.362	26.043	-0.319
10	244	26.389	26.100	-0.289
30	141	26.261	25.831	-0.430
30	144	26.745	26.266	-0.479
30	145	26.914	26.598	-0.316
30	146	26.302	25.883	-0.419
30	147	26.167	25.756	-0.411
30	132	26.916	26.587	-0.329
30	133	26.447	26.030	-0.418
30	135	26.287	26.652	0.364
30	245	26.544	26.178	-0.366
30	246	26.298	25.901	-0.397
50	67	26.516	26.040	-0.476
50	68	26.118	26.196	0.078
50	69	26.580	26.087	-0.493
50	71	26.931	26.425	-0.506
50	72	26.017	25.521	-0.497
50	172	26.696	26.212	-0.483
50	173	26.476	25.973	-0.503
50	174	26.334	26.067	-0.266
50	183	26.402	25.851	-0.550
50	186	27.000	26.447	-0.552
100	95	26.483	25.852	-0.632
100	102	26.192	25.468	-0.724
100	104	26.190	25.485	-0.705
100	105	26.291	25.710	-0.581
100	106	26.575	25.921	-0.654
100	178	26.483	25.815	-0.668
100	179	26.656	25.922	-0.734
100	180	26.665	26.084	-0.581
100	181	26.389	25.792	-0.597
100	182	26.508	25.731	-0.777
Max		27.000	26.652	0.364
Average		26.443	26.088	-0.355
Min		26.006	25.468	-0.777
Std Dev		0.240	0.293	0.252



111.4 Prop Delay

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	40
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	26.282	25.834	25.814	25.756	25.521	25.468
Average	26.282	26.298	26.095	26.168	26.082	25.778
Max	26.282	26.581	26.448	26.652	26.447	26.084
UL	40.000	40.000	40.000	40.000	40.000	40.000

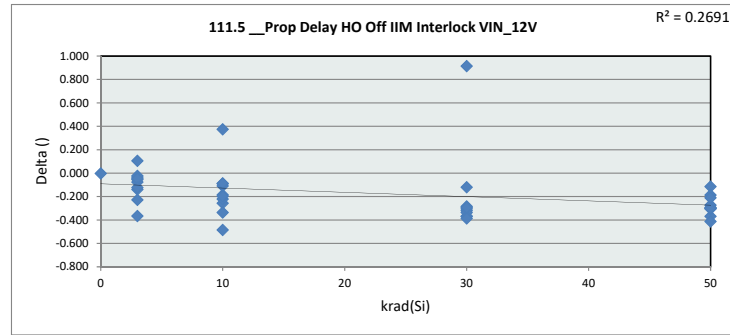


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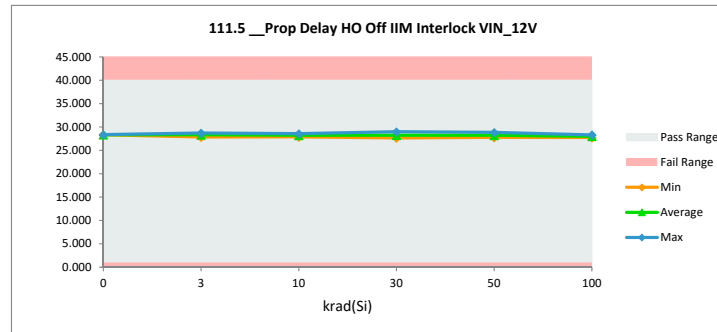
111.5 Prop Delay HO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	28.361	28.361	0.000
3	58	28.355	28.463	0.108
3	59	28.357	28.283	-0.074
3	60	27.897	27.866	-0.031
3	61	28.762	28.710	-0.052
3	62	28.729	28.708	-0.021
3	134	28.490	28.446	-0.044
3	137	28.593	28.457	-0.136
3	138	28.735	28.371	-0.364
3	139	28.235	28.114	-0.121
3	236	28.128	27.902	-0.226
10	63	28.282	28.194	-0.088
10	64	28.707	28.454	-0.253
10	65	28.134	27.951	-0.183
10	66	28.682	28.575	-0.107
10	150	28.373	28.040	-0.333
10	237	28.383	27.901	-0.482
10	241	28.040	28.417	0.377
10	242	28.258	28.173	-0.085
10	243	28.624	28.406	-0.218
10	244	28.440	28.246	-0.194
30	141	28.231	27.930	-0.301
30	144	28.784	28.419	-0.364
30	145	28.782	28.664	-0.118
30	146	28.512	28.195	-0.316
30	147	28.007	27.673	-0.334
30	132	28.969	28.603	-0.366
30	133	28.284	27.900	-0.384
30	135	28.079	28.996	0.917
30	245	28.547	28.265	-0.282
30	246	28.083	27.792	-0.291
50	67	28.217	27.921	-0.296
50	68	28.480	28.368	-0.111
50	69	28.275	27.984	-0.292
50	71	29.025	28.840	-0.185
50	72	28.060	27.790	-0.270
50	172	28.581	28.215	-0.366
50	173	28.519	28.218	-0.302
50	174	28.338	28.131	-0.207
50	183	28.402	27.993	-0.410
50	186	29.027	28.727	-0.300
100	95	28.298	27.906	-0.392
100	102	28.469	27.770	-0.699
100	104	28.248	27.739	-0.510
100	105	28.482	28.091	-0.391
100	106	28.637	28.326	-0.311
100	178	28.314	27.884	-0.430
100	179	28.745	28.316	-0.429
100	180	28.533	28.165	-0.368
100	181	28.353	27.988	-0.365
100	182	28.674	27.989	-0.684
Max		29.027	28.996	0.917
Average		28.442	28.212	-0.229
Min		27.897	27.673	-0.699
Std Dev		0.265	0.313	0.248



111.5 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	28.361	27.866	27.901	27.673	27.790	27.739
Average	28.361	28.332	28.236	28.244	28.219	28.017
Max	28.361	28.710	28.575	28.996	28.840	28.326
UL	40.000	40.000	40.000	40.000	40.000	40.000

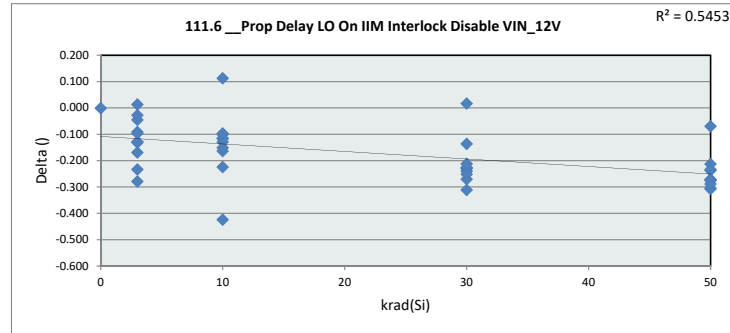


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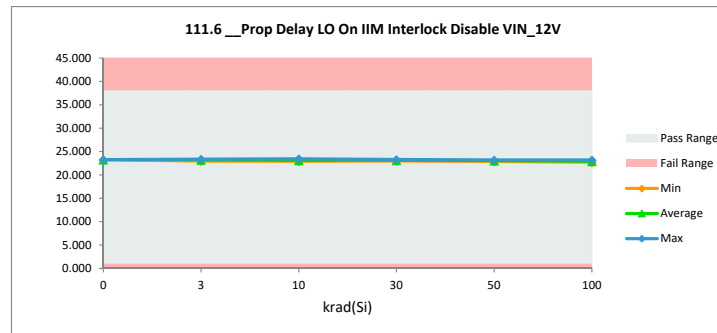
111.6 __Prop Delay LO On IIM Interlock Disable VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	23.277	23.277	0.000
3	58	23.230	23.245	0.014
3	59	23.440	23.350	-0.090
3	60	23.200	23.156	-0.044
3	61	23.235	23.140	-0.095
3	62	23.285	23.259	-0.026
3	134	23.469	23.338	-0.130
3	137	23.490	23.258	-0.232
3	138	23.424	23.297	-0.127
3	139	23.311	23.143	-0.168
3	236	23.237	22.959	-0.278
10	63	23.364	23.202	-0.162
10	64	23.435	23.307	-0.128
10	65	23.279	23.180	-0.100
10	66	23.020	22.906	-0.115
10	150	23.602	23.453	-0.149
10	237	23.348	22.925	-0.423
10	241	23.205	23.319	0.114
10	242	23.265	23.042	-0.223
10	243	23.097	22.982	-0.114
10	244	23.191	23.096	-0.096
30	141	23.348	23.122	-0.226
30	144	23.476	23.247	-0.229
30	145	23.318	23.049	-0.269
30	146	23.214	22.975	-0.239
30	147	23.301	22.991	-0.310
30	132	23.538	23.313	-0.225
30	133	23.237	22.987	-0.250
30	135	23.145	23.163	0.018
30	245	23.417	23.281	-0.135
30	246	23.327	23.116	-0.211
50	67	23.233	22.962	-0.271
50	68	23.174	23.106	-0.068
50	69	23.277	22.974	-0.303
50	71	23.357	23.124	-0.233
50	72	23.113	22.901	-0.212
50	172	23.336	23.029	-0.307
50	173	23.392	23.156	-0.236
50	174	23.394	23.124	-0.270
50	183	23.478	23.204	-0.275
50	186	23.411	23.124	-0.288
100	95	23.402	22.996	-0.405
100	102	23.177	22.751	-0.426
100	104	23.312	22.809	-0.503
100	105	23.142	22.720	-0.422
100	106	23.263	22.994	-0.269
100	178	23.255	22.850	-0.405
100	179	23.478	23.028	-0.451
100	180	23.457	23.207	-0.250
100	181	23.382	23.036	-0.345
100	182	23.267	22.829	-0.439
Max		23.602	23.453	0.114
Average		23.314	23.098	-0.216
Min		23.020	22.720	-0.503
Std Dev		0.123	0.166	0.136



111.6 __Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	23.277	22.959	22.906	22.975	22.901	22.720
Average	23.277	23.214	23.141	23.124	23.070	22.922
Max	23.277	23.350	23.453	23.313	23.204	23.207
UL	38.000	38.000	38.000	38.000	38.000	38.000

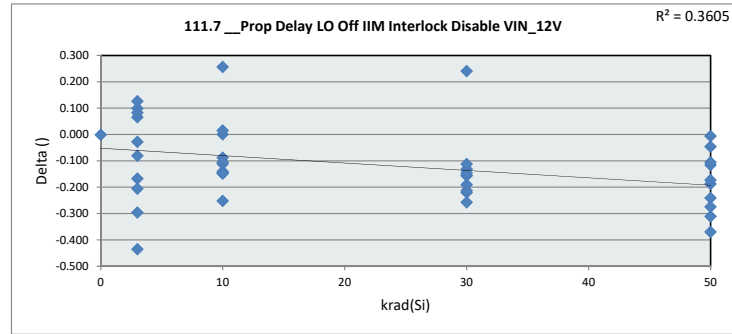


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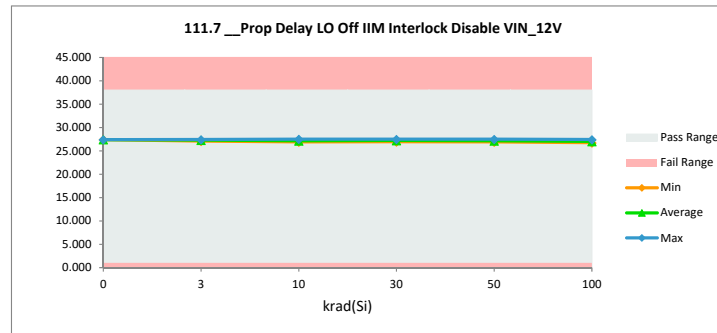
111.7 Prop Delay LO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	27.412	27.412	0.000
3	58	27.219	27.346	0.128
3	59	27.500	27.420	-0.080
3	60	27.164	27.264	0.100
3	61	27.299	27.365	0.067
3	62	27.266	27.350	0.084
3	134	27.663	27.229	-0.434
3	137	27.485	27.319	-0.166
3	138	27.460	27.256	-0.205
3	139	27.185	27.158	-0.027
3	236	27.369	27.074	-0.295
10	63	27.246	27.247	0.002
10	64	27.423	27.283	-0.139
10	65	27.125	27.015	-0.110
10	66	27.095	26.950	-0.145
10	150	27.599	27.512	-0.087
10	237	27.283	27.033	-0.251
10	241	27.114	27.372	0.257
10	242	27.333	27.229	-0.104
10	243	27.072	26.924	-0.147
10	244	27.084	27.100	0.016
30	141	27.366	27.213	-0.154
30	144	27.600	27.343	-0.256
30	145	27.410	27.221	-0.189
30	146	27.288	27.159	-0.130
30	147	27.174	26.955	-0.219
30	132	27.652	27.496	-0.155
30	133	27.287	27.143	-0.144
30	135	26.973	27.214	0.241
30	245	27.306	27.094	-0.212
30	246	27.426	27.315	-0.111
50	67	27.176	27.131	-0.045
50	68	27.240	27.235	-0.005
50	69	27.406	27.096	-0.310
50	71	27.341	27.101	-0.240
50	72	27.199	27.013	-0.186
50	172	27.192	26.919	-0.273
50	173	27.191	27.076	-0.115
50	174	27.582	27.213	-0.369
50	183	27.589	27.485	-0.104
50	186	27.449	27.277	-0.172
100	95	27.387	26.958	-0.429
100	102	27.239	26.894	-0.345
100	104	27.131	26.745	-0.387
100	105	27.205	26.827	-0.378
100	106	27.367	27.146	-0.221
100	178	27.355	26.951	-0.405
100	179	27.633	27.436	-0.197
100	180	27.636	27.383	-0.253
100	181	27.386	27.041	-0.344
100	182	27.316	26.876	-0.439
Max		27.663	27.512	0.257
Average		27.331	27.173	-0.158
Min		26.973	26.745	-0.439
Std Dev		0.171	0.186	0.165



111.7 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	27.412	27.074	26.924	26.955	26.919	26.745
Average	27.412	27.278	27.167	27.215	27.155	27.026
Max	27.412	27.420	27.512	27.496	27.485	27.436
UL	38.000	38.000	38.000	38.000	38.000	38.000

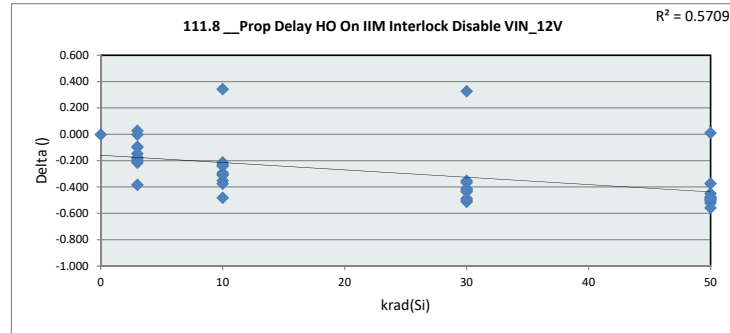


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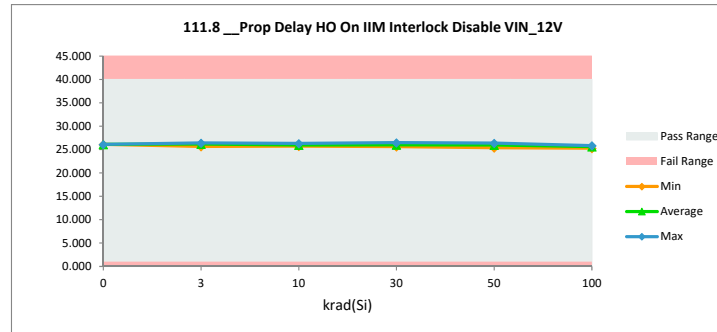
111.8 Prop Delay HO On IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	26.115	26.115	0.000
3	58	26.280	26.136	-0.144
3	59	26.324	26.140	-0.184
3	60	25.867	25.667	-0.200
3	61	26.500	26.406	-0.094
3	62	26.523	26.350	-0.173
3	134	26.372	26.401	0.029
3	137	26.453	26.358	-0.095
3	138	26.701	26.320	-0.382
3	139	26.267	26.053	-0.214
3	236	25.950	25.949	0.000
10	63	26.249	26.038	-0.211
10	64	26.396	26.104	-0.292
10	65	26.197	25.889	-0.308
10	66	26.316	25.967	-0.350
10	150	26.176	25.803	-0.373
10	237	26.389	25.910	-0.479
10	241	25.978	26.323	0.345
10	242	25.945	25.716	-0.229
10	243	26.235	25.934	-0.301
10	244	26.244	26.005	-0.239
30	141	26.136	25.786	-0.350
30	144	26.658	26.148	-0.510
30	145	26.831	26.467	-0.365
30	146	26.174	25.678	-0.496
30	147	26.049	25.615	-0.434
30	132	26.820	26.403	-0.417
30	133	26.323	25.912	-0.410
30	135	26.157	26.487	0.329
30	245	26.388	25.958	-0.430
30	246	26.197	25.712	-0.485
50	67	26.425	25.953	-0.472
50	68	26.003	26.015	0.012
50	69	26.433	25.938	-0.495
50	71	26.817	26.328	-0.489
50	72	25.903	25.384	-0.519
50	172	26.570	26.124	-0.446
50	173	26.333	25.829	-0.504
50	174	26.242	25.870	-0.371
50	183	26.276	25.720	-0.556
50	186	26.869	26.386	-0.483
100	95	26.359	25.710	-0.650
100	102	26.060	25.340	-0.720
100	104	26.108	25.299	-0.810
100	105	26.197	25.583	-0.614
100	106	26.429	25.733	-0.696
100	178	26.372	25.688	-0.684
100	179	26.561	25.796	-0.765
100	180	26.530	25.852	-0.678
100	181	26.304	25.654	-0.650
100	182	26.396	25.589	-0.807
Max		26.869	26.487	0.345
Average		26.322	25.952	-0.370
Min		25.867	25.299	-0.810
Std Dev		0.242	0.300	0.260



111.8 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	26.115	25.667	25.716	25.615	25.384	25.299
Average	26.115	26.178	25.969	26.017	25.955	25.624
Max	26.115	26.406	26.323	26.487	26.386	25.852
UL	40.000	40.000	40.000	40.000	40.000	40.000

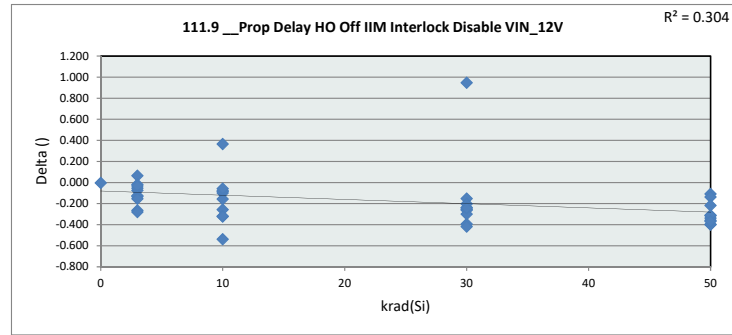


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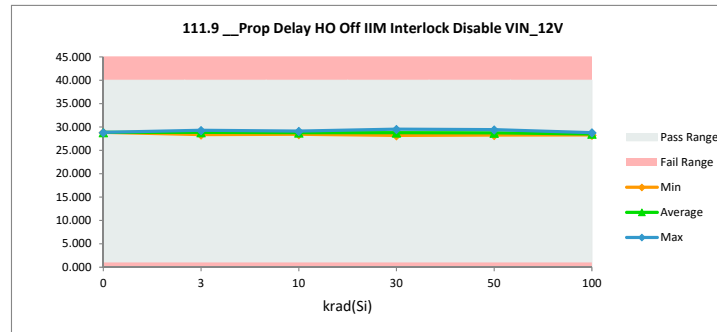
111.9 Prop Delay HO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	28.854	28.854	0.000
3	58	28.941	29.008	0.067
3	59	28.899	28.827	-0.072
3	60	28.421	28.371	-0.050
3	61	29.302	29.286	-0.016
3	62	29.239	29.208	-0.030
3	134	29.039	28.909	-0.129
3	137	29.116	28.995	-0.122
3	138	29.261	28.999	-0.262
3	139	28.741	28.589	-0.151
3	236	28.662	28.385	-0.278
10	63	28.820	28.740	-0.080
10	64	29.210	28.956	-0.254
10	65	28.660	28.564	-0.096
10	66	29.195	29.119	-0.076
10	150	28.909	28.590	-0.319
10	237	28.959	28.424	-0.535
10	241	28.545	28.913	0.368
10	242	28.792	28.736	-0.056
10	243	29.197	28.880	-0.317
10	244	28.952	28.798	-0.154
30	141	28.758	28.499	-0.259
30	144	29.302	28.910	-0.391
30	145	29.287	29.137	-0.150
30	146	29.006	28.753	-0.253
30	147	28.491	28.194	-0.297
30	132	29.434	29.200	-0.234
30	133	28.790	28.376	-0.414
30	135	28.595	29.544	0.949
30	245	29.082	28.882	-0.200
30	246	28.584	28.346	-0.238
50	67	28.761	28.427	-0.334
50	68	28.985	28.880	-0.105
50	69	28.818	28.462	-0.356
50	71	29.575	29.440	-0.135
50	72	28.584	28.271	-0.313
50	172	29.092	28.786	-0.307
50	173	29.060	28.664	-0.396
50	174	28.851	28.637	-0.214
50	183	28.958	28.563	-0.394
50	186	29.595	29.229	-0.366
100	95	28.832	28.445	-0.387
100	102	28.985	28.309	-0.676
100	104	28.783	28.326	-0.456
100	105	28.983	28.582	-0.401
100	106	29.223	28.806	-0.418
100	178	28.810	28.330	-0.480
100	179	29.327	28.754	-0.573
100	180	29.052	28.697	-0.355
100	181	28.907	28.464	-0.443
100	182	29.212	28.517	-0.694
Max		29.595	29.544	0.949
Average		28.969	28.737	-0.232
Min		28.421	28.194	-0.694
Std Dev		0.270	0.320	0.256



111.9 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	28.854	28.371	28.424	28.194	28.271	28.309
Average	28.854	28.858	28.772	28.784	28.736	28.523
Max	28.854	29.286	29.119	29.544	29.440	28.806
UL	40.000	40.000	40.000	40.000	40.000	40.000

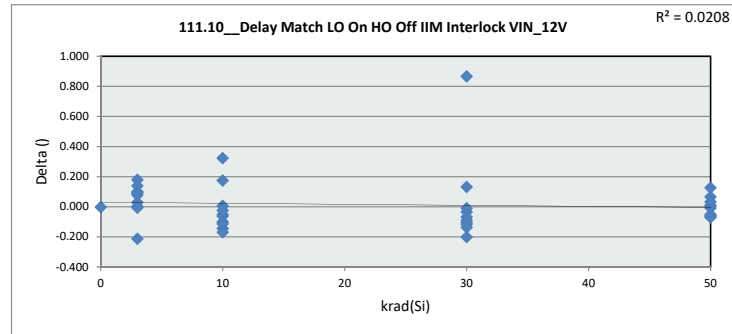


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111.10 Delay Match LO On HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit		

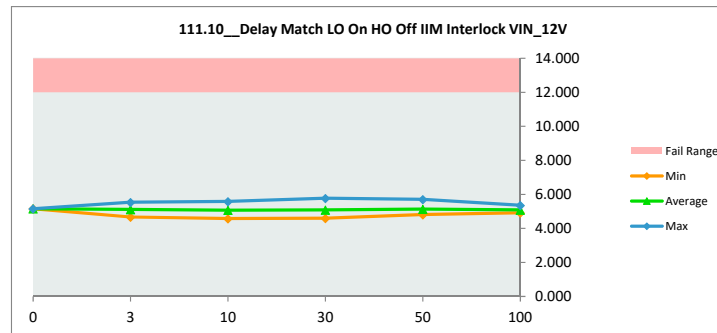
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.156	5.156	0.000
3	58	5.097	5.279	0.182
3	59	4.857	4.938	0.081
3	60	4.668	4.672	0.004
3	61	5.502	5.534	0.032
3	62	5.413	5.512	0.100
3	134	5.010	5.111	0.101
3	137	5.050	5.191	0.141
3	138	5.298	5.087	-0.211
3	139	4.862	4.858	-0.004
3	236	4.850	4.944	0.094
10	63	4.917	4.925	0.008
10	64	5.256	5.206	-0.050
10	65	4.837	4.695	-0.142
10	66	5.647	5.587	-0.060
10	150	4.745	4.578	-0.167
10	237	5.001	4.903	-0.098
10	241	4.806	5.130	0.325
10	242	4.945	5.122	0.177
10	243	5.486	5.464	-0.022
10	244	5.240	5.129	-0.111
30	141	4.836	4.770	-0.065
30	144	5.258	5.226	-0.031
30	145	5.415	5.549	0.135
30	146	5.235	5.122	-0.113
30	147	4.685	4.597	-0.088
30	132	5.402	5.298	-0.104
30	133	5.043	4.845	-0.198
30	135	4.904	5.772	0.869
30	245	5.099	5.092	-0.007
30	246	4.731	4.596	-0.135
50	67	4.933	4.877	-0.056
50	68	5.290	5.225	-0.065
50	69	4.951	4.963	0.012
50	71	5.635	5.704	0.068
50	72	4.890	4.884	-0.006
50	172	5.183	5.133	-0.050
50	173	5.082	5.089	0.008
50	174	4.901	5.029	0.128
50	183	4.876	4.809	-0.067
50	186	5.571	5.605	0.035
100	95	4.858	4.952	0.094
100	102	5.240	4.952	-0.287
100	104	4.892	4.915	0.023
100	105	5.302	5.328	0.026
100	106	5.334	5.354	0.020
100	178	5.037	4.988	-0.050
100	179	5.246	5.226	-0.020
100	180	5.030	5.018	-0.013
100	181	4.950	4.932	-0.019
100	182	5.400	5.205	-0.195
Max		5.647	5.772	0.869
Average		5.095	5.100	0.004
Min		4.668	4.578	-0.287
Std Dev		0.256	0.286	0.166



111.10 Delay Match

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	

krad(Si)	0	3	10	30	50	100
LL						
Min	5.156	4.672	4.578	4.596	4.809	4.915
Average	5.156	5.113	5.074	5.087	5.132	5.087
Max	5.156	5.534	5.587	5.772	5.704	5.354
UL	12.000	12.000	12.000	12.000	12.000	12.000

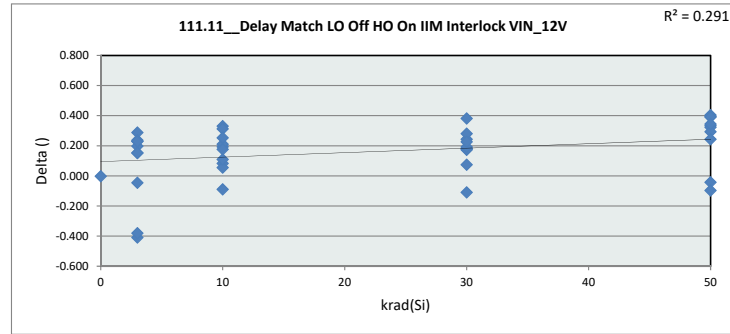


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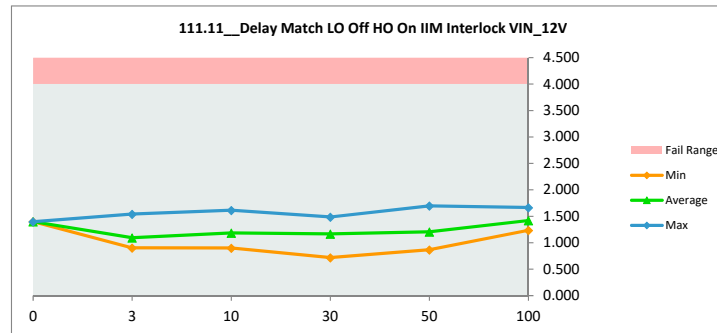
111.11 Delay Match LO Off HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	4	4
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.399	1.399	0.000
3	58	0.983	1.214	0.232
3	59	1.164	1.363	0.199
3	60	1.251	1.541	0.290
3	61	0.807	0.961	0.154
3	62	0.748	0.903	0.155
3	134	1.319	0.911	-0.407
3	137	1.002	0.958	-0.044
3	138	0.695	0.934	0.239
3	139	0.877	1.109	0.232
3	236	1.425	1.047	-0.378
10	63	0.976	1.309	0.333
10	64	1.007	1.202	0.195
10	65	0.920	1.234	0.314
10	66	0.816	0.900	0.084
10	150	1.401	1.613	0.213
10	237	0.911	0.968	0.057
10	241	1.137	1.050	-0.087
10	242	1.371	1.549	0.178
10	243	0.826	0.937	0.111
10	244	0.830	1.084	0.254
30	141	1.241	1.426	0.185
30	144	0.982	1.227	0.245
30	145	0.595	0.775	0.180
30	146	1.104	1.487	0.383
30	147	1.124	1.407	0.283
30	132	0.888	0.965	0.076
30	133	0.976	1.151	0.175
30	135	0.826	0.719	-0.108
30	245	0.866	1.060	0.194
30	246	1.220	1.449	0.229
50	67	0.751	1.087	0.335
50	68	1.262	1.222	-0.040
50	69	0.935	1.260	0.325
50	71	0.526	0.920	0.395
50	72	1.275	1.570	0.295
50	172	0.623	0.868	0.245
50	173	0.819	1.224	0.406
50	174	1.400	1.305	-0.095
50	183	1.305	1.698	0.393
50	186	0.541	0.888	0.347
100	95	0.985	1.346	0.361
100	102	1.194	1.664	0.471
100	104	1.083	1.396	0.313
100	105	0.998	1.235	0.237
100	106	0.913	1.423	0.510
100	178	0.980	1.349	0.369
100	179	1.075	1.647	0.572
100	180	1.108	1.438	0.329
100	181	1.096	1.379	0.283
100	182	0.964	1.325	0.361
Max		1.425	1.698	0.572
Average		1.010	1.218	0.207
Min		0.526	0.719	-0.407
Std Dev		0.231	0.253	0.194



111.11 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	1.399	0.903	0.900	0.719	0.868	1.235
Average	1.399	1.094	1.185	1.166	1.204	1.420
Max	1.399	1.541	1.613	1.488	1.698	1.665
UL	4.000	4.000	4.000	4.000	4.000	4.000

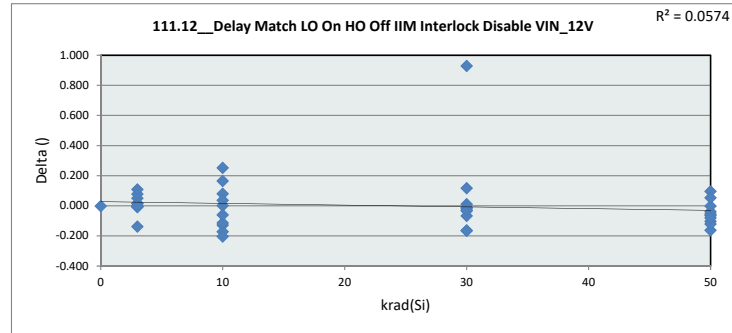


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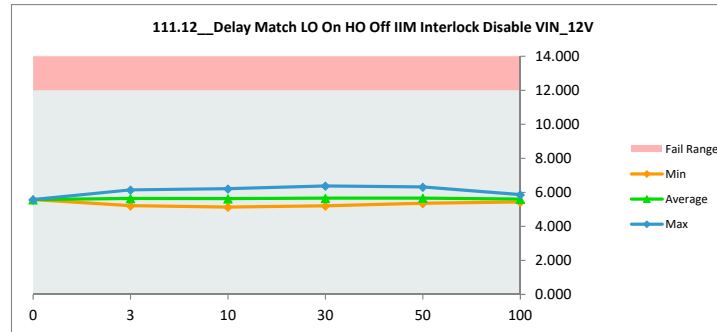
111.12 Delay Match LO On HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.577	5.577	0.000
3	58	5.711	5.764	0.052
3	59	5.459	5.477	0.019
3	60	5.221	5.215	-0.006
3	61	6.067	6.147	0.079
3	62	5.953	5.949	-0.004
3	134	5.570	5.571	0.001
3	137	5.626	5.737	0.111
3	138	5.838	5.702	-0.135
3	139	5.429	5.446	0.017
3	236	5.425	5.425	0.000
10	63	5.457	5.538	0.082
10	64	5.775	5.649	-0.126
10	65	5.380	5.384	0.004
10	66	6.175	6.214	0.038
10	150	5.307	5.137	-0.169
10	237	5.610	5.498	-0.112
10	241	5.340	5.595	0.254
10	242	5.526	5.693	0.167
10	243	6.100	5.898	-0.202
10	244	5.761	5.703	-0.058
30	141	5.409	5.377	-0.032
30	144	5.825	5.663	-0.162
30	145	5.969	6.089	0.119
30	146	5.792	5.778	-0.013
30	147	5.190	5.203	0.013
30	132	5.896	5.886	-0.009
30	133	5.553	5.389	-0.164
30	135	5.450	6.381	0.931
30	245	5.665	5.601	-0.064
30	246	5.257	5.230	-0.027
50	67	5.528	5.465	-0.063
50	68	5.811	5.774	-0.037
50	69	5.542	5.489	-0.053
50	71	6.218	6.316	0.098
50	72	5.471	5.371	-0.101
50	172	5.756	5.756	0.000
50	173	5.668	5.508	-0.160
50	174	5.457	5.513	0.056
50	183	5.479	5.360	-0.119
50	186	6.184	6.106	-0.078
100	95	5.431	5.449	0.018
100	102	5.808	5.558	-0.250
100	104	5.470	5.517	0.047
100	105	5.841	5.862	0.021
100	106	5.960	5.812	-0.149
100	178	5.555	5.480	-0.075
100	179	5.848	5.726	-0.122
100	180	5.595	5.490	-0.105
100	181	5.526	5.428	-0.098
100	182	5.944	5.689	-0.255
Max		6.218	6.381	0.931
Average		5.655	5.639	-0.016
Min		5.190	5.137	-0.255
Std Dev		0.258	0.281	0.170



111.12 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	12	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	5.577	5.215	5.137	5.203	5.360	5.428
Average	5.577	5.643	5.631	5.660	5.666	5.601
Max	5.577	6.147	6.214	6.381	6.316	5.862
UL	12.000	12.000	12.000	12.000	12.000	12.000

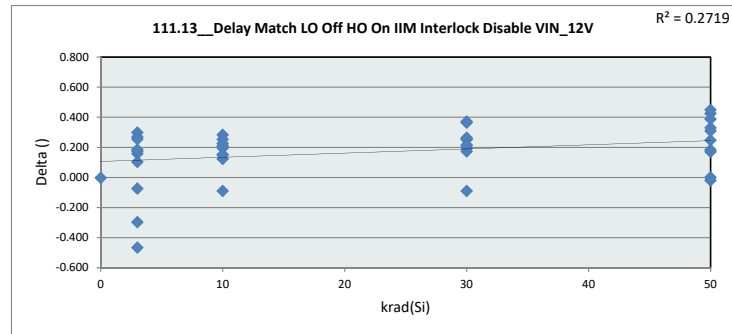


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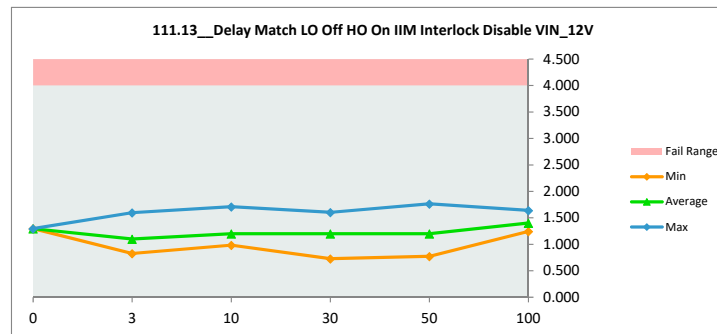
111.13 Delay Match LO Off HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	4	4
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.297	1.297	0.000
3	58	0.939	1.211	0.272
3	59	1.176	1.281	0.105
3	60	1.297	1.597	0.300
3	61	0.799	0.959	0.161
3	62	0.742	1.000	0.257
3	134	1.291	0.827	-0.463
3	137	1.032	0.961	-0.072
3	138	0.759	0.936	0.177
3	139	0.917	1.105	0.187
3	236	1.419	1.125	-0.295
10	63	0.997	1.210	0.213
10	64	1.028	1.180	0.152
10	65	0.928	1.126	0.198
10	66	0.778	0.983	0.205
10	150	1.423	1.709	0.286
10	237	0.894	1.123	0.229
10	241	1.136	1.048	-0.087
10	242	1.388	1.513	0.125
10	243	0.837	0.991	0.154
10	244	0.840	1.095	0.255
30	141	1.230	1.427	0.197
30	144	0.941	1.195	0.254
30	145	0.579	0.755	0.175
30	146	1.114	1.481	0.367
30	147	1.125	1.340	0.215
30	132	0.831	1.093	0.262
30	133	0.965	1.231	0.266
30	135	0.815	0.727	-0.088
30	245	0.918	1.135	0.218
30	246	1.229	1.603	0.374
50	67	0.751	1.178	0.427
50	68	1.237	1.220	-0.017
50	69	0.973	1.158	0.185
50	71	0.524	0.773	0.249
50	72	1.296	1.629	0.332
50	172	0.622	0.795	0.173
50	173	0.858	1.247	0.389
50	174	1.340	1.343	0.003
50	183	1.313	1.764	0.451
50	186	0.580	0.891	0.311
100	95	1.028	1.249	0.221
100	102	1.179	1.554	0.375
100	104	1.023	1.446	0.424
100	105	1.008	1.244	0.236
100	106	0.938	1.413	0.475
100	178	0.983	1.263	0.279
100	179	1.072	1.640	0.568
100	180	1.106	1.531	0.425
100	181	1.082	1.387	0.306
100	182	0.920	1.287	0.367
Max		1.423	1.764	0.568
Average		1.010	1.221	0.211
Min		0.524	0.727	-0.463
Std Dev		0.226	0.258	0.186



111.13 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	1.297	0.827	0.983	0.727	0.773	1.244
Average	1.297	1.100	1.198	1.199	1.200	1.401
Max	1.297	1.597	1.709	1.603	1.764	1.640
UL	4.000	4.000	4.000	4.000	4.000	4.000

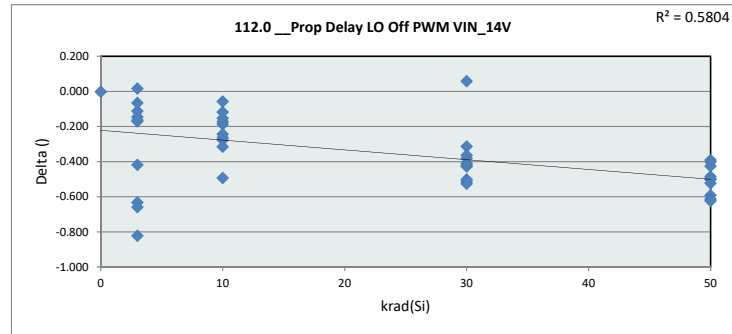


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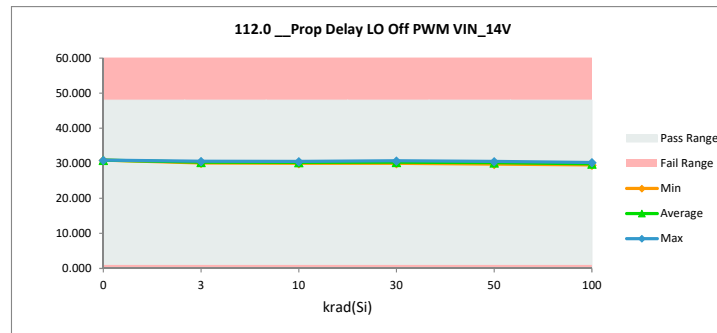
112.0 Prop Delay LO Off PWM		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	48	48
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	30.884	30.884	0.000
3	58	30.450	30.386	-0.064
3	59	30.520	30.351	-0.169
3	60	30.388	30.406	0.018
3	61	30.464	30.321	-0.143
3	62	30.690	30.579	-0.111
3	134	31.053	30.233	-0.820
3	137	30.635	30.218	-0.417
3	138	30.765	30.135	-0.631
3	139	30.417	30.255	-0.162
3	236	30.736	30.079	-0.657
10	63	30.543	30.358	-0.185
10	64	30.789	30.513	-0.276
10	65	30.420	30.250	-0.170
10	66	30.211	30.059	-0.151
10	150	30.810	30.497	-0.314
10	237	30.443	29.951	-0.491
10	241	30.266	30.211	-0.056
10	242	30.657	30.395	-0.262
10	243	30.426	30.184	-0.242
10	244	30.212	30.096	-0.116
30	141	30.758	30.258	-0.500
30	144	30.876	30.365	-0.511
30	145	30.729	30.303	-0.426
30	146	30.488	29.964	-0.524
30	147	30.448	30.069	-0.379
30	132	31.095	30.678	-0.417
30	133	30.528	30.120	-0.408
30	135	30.207	30.267	0.060
30	245	30.644	30.332	-0.312
30	246	30.819	30.456	-0.362
50	67	30.372	29.983	-0.389
50	68	30.641	30.157	-0.484
50	69	30.801	30.211	-0.590
50	71	30.816	30.320	-0.496
50	72	30.353	29.742	-0.611
50	172	30.301	29.779	-0.521
50	173	30.497	30.072	-0.424
50	174	31.014	30.393	-0.621
50	183	30.909	30.510	-0.399
50	186	30.771	30.272	-0.499
100	95	30.549	29.688	-0.861
100	102	30.484	29.691	-0.793
100	104	30.341	29.521	-0.820
100	105	30.563	29.767	-0.796
100	106	30.625	29.911	-0.714
100	178	30.569	29.803	-0.766
100	179	30.883	30.219	-0.664
100	180	30.981	30.226	-0.755
100	181	30.648	29.803	-0.845
100	182	30.713	29.886	-0.826
Max		31.095	30.884	0.060
Average		30.612	30.179	-0.433
Min		30.207	29.521	-0.861
Std Dev		0.227	0.275	0.258



112.0 Prop Delay	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	48
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	30.884	30.079	29.952	29.964	29.742	29.521
Average	30.884	30.296	30.251	30.281	30.144	29.852
Max	30.884	30.579	30.513	30.678	30.510	30.226
UL	48.000	48.000	48.000	48.000	48.000	48.000

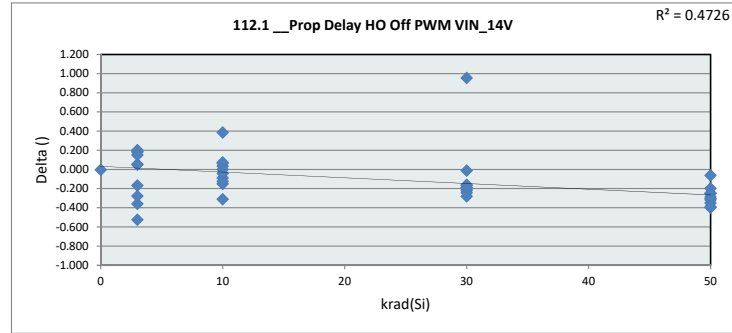


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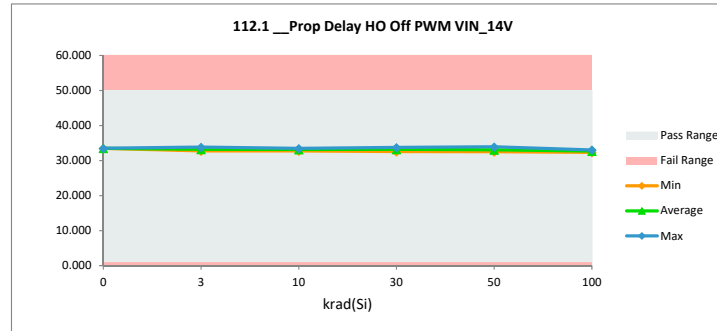
112.1 Prop Delay HO Off PWM		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	50	50
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	33.505	33.505	0.000
3	58	33.094	33.283	0.189
3	59	32.986	33.043	0.057
3	60	32.721	32.906	0.184
3	61	33.539	33.745	0.206
3	62	33.690	33.843	0.153
3	134	33.403	33.047	-0.356
3	137	33.279	33.115	-0.164
3	138	33.617	33.095	-0.522
3	139	33.000	33.053	0.053
3	236	33.027	32.752	-0.274
10	63	33.193	33.262	0.068
10	64	33.592	33.445	-0.147
10	65	32.936	32.974	0.038
10	66	33.383	33.460	0.077
10	150	33.117	33.030	-0.087
10	237	33.028	32.720	-0.308
10	241	32.722	33.110	0.389
10	242	33.153	33.156	0.004
10	243	33.482	33.361	-0.121
10	244	33.100	33.061	-0.039
30	141	33.102	32.917	-0.185
30	144	33.612	33.334	-0.278
30	145	33.576	33.568	-0.008
30	146	33.245	33.082	-0.164
30	147	32.742	32.542	-0.200
30	132	33.887	33.669	-0.218
30	133	33.063	32.824	-0.239
30	135	32.759	33.718	0.959
30	245	33.425	33.268	-0.157
30	246	32.960	32.774	-0.186
50	67	32.947	32.600	-0.348
50	68	33.364	33.169	-0.195
50	69	33.142	32.898	-0.244
50	71	33.996	33.936	-0.060
50	72	32.771	32.525	-0.247
50	172	33.240	32.957	-0.283
50	173	33.408	33.093	-0.315
50	174	33.347	33.045	-0.301
50	183	33.229	32.834	-0.395
50	186	33.951	33.565	-0.386
100	95	33.010	32.541	-0.469
100	102	33.199	32.459	-0.739
100	104	33.011	32.448	-0.563
100	105	33.412	32.881	-0.531
100	106	33.461	33.030	-0.432
100	178	32.999	32.352	-0.647
100	179	33.592	32.934	-0.658
100	180	33.358	32.915	-0.443
100	181	33.252	32.694	-0.558
100	182	33.610	32.817	-0.793
Max		33.996	33.936	0.959
Average		33.260	33.066	-0.194
Min		32.721	32.352	-0.793
Std Dev		0.313	0.375	0.306



112.1 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	50	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	33.505	32.753	32.720	32.542	32.525	32.352
Average	33.505	33.188	33.158	33.169	33.062	32.707
Max	33.505	33.843	33.460	33.718	33.936	33.030
UL	50.000	50.000	50.000	50.000	50.000	50.000

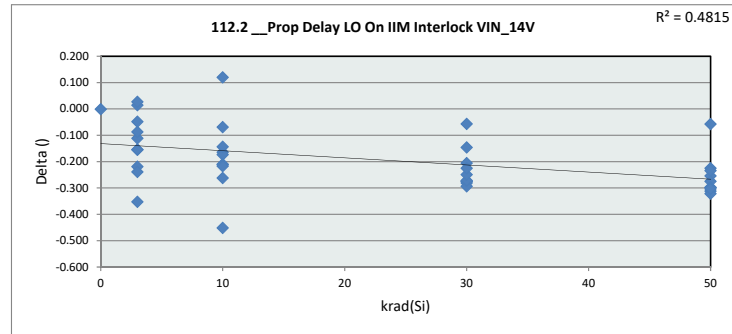


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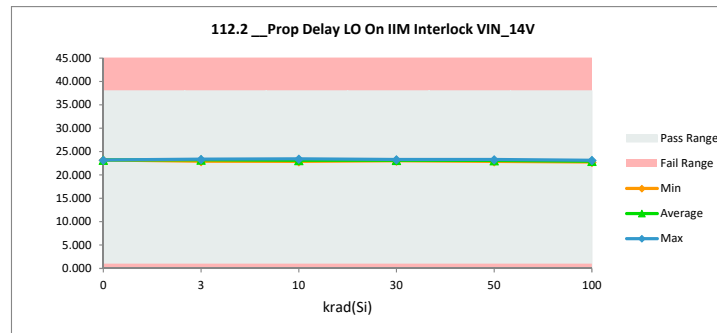
112.2 Prop Delay LO On IIM Interlock VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	23.209	23.209	0.000
3	58	23.271	23.287	0.016
3	59	23.483	23.373	-0.110
3	60	23.227	23.255	0.028
3	61	23.250	23.164	-0.086
3	62	23.316	23.269	-0.047
3	134	23.478	23.324	-0.154
3	137	23.542	23.324	-0.218
3	138	23.444	23.207	-0.237
3	139	23.340	23.186	-0.154
3	236	23.283	22.932	-0.351
10	63	23.384	23.316	-0.068
10	64	23.475	23.265	-0.211
10	65	23.301	23.138	-0.163
10	66	23.055	22.882	-0.172
10	150	23.648	23.439	-0.208
10	237	23.368	22.918	-0.450
10	241	23.231	23.352	0.121
10	242	23.323	23.062	-0.261
10	243	23.111	22.895	-0.216
10	244	23.203	23.061	-0.143
30	141	23.376	23.096	-0.280
30	144	23.538	23.264	-0.274
30	145	23.352	23.079	-0.273
30	146	23.277	23.072	-0.205
30	147	23.334	23.042	-0.292
30	132	23.575	23.304	-0.271
30	133	23.263	23.015	-0.248
30	135	23.189	23.134	-0.055
30	245	23.437	23.292	-0.145
30	246	23.358	23.134	-0.224
50	67	23.264	23.040	-0.224
50	68	23.210	23.154	-0.056
50	69	23.346	23.036	-0.311
50	71	23.397	23.145	-0.253
50	72	23.176	22.879	-0.297
50	172	23.373	23.099	-0.273
50	173	23.416	23.119	-0.297
50	174	23.451	23.130	-0.321
50	183	23.518	23.285	-0.233
50	186	23.445	23.142	-0.302
100	95	23.441	23.020	-0.421
100	102	23.224	22.825	-0.400
100	104	23.329	22.823	-0.506
100	105	23.160	22.764	-0.396
100	106	23.299	23.041	-0.257
100	178	23.278	22.857	-0.421
100	179	23.513	23.155	-0.358
100	180	23.474	23.128	-0.346
100	181	23.422	23.010	-0.412
100	182	23.296	22.804	-0.492
Max		23.648	23.439	0.121
Average		23.346	23.113	-0.234
Min		23.055	22.764	-0.506
Std Dev		0.126	0.164	0.137



112.2 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	23.209	22.932	22.882	23.015	22.880	22.764
Average	23.209	23.232	23.133	23.143	23.103	22.943
Max	23.209	23.373	23.439	23.304	23.285	23.155
UL	38.000	38.000	38.000	38.000	38.000	38.000

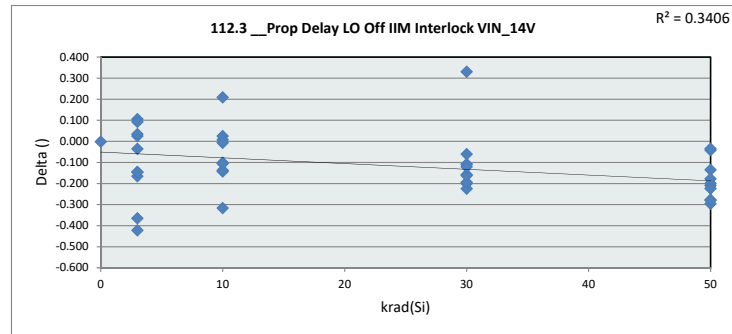


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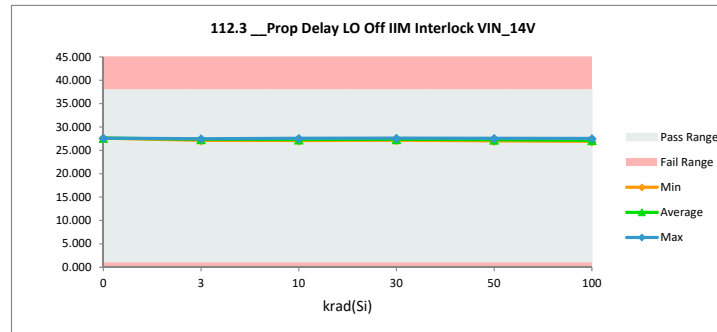
112.3 Prop Delay LO Off IIM Interlock VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	27.631	27.631	0.000
3	58	27.351	27.378	0.026
3	59	27.647	27.504	-0.144
3	60	27.281	27.388	0.107
3	61	27.383	27.419	0.036
3	62	27.405	27.499	0.094
3	134	27.788	27.368	-0.421
3	137	27.628	27.465	-0.164
3	138	27.583	27.438	-0.145
3	139	27.311	27.277	-0.034
3	236	27.492	27.128	-0.364
10	63	27.356	27.255	-0.101
10	64	27.541	27.440	-0.101
10	65	27.244	27.271	0.027
10	66	27.189	27.198	0.009
10	150	27.702	27.562	-0.141
10	237	27.438	27.124	-0.315
10	241	27.235	27.444	0.210
10	242	27.447	27.312	-0.136
10	243	27.207	27.103	-0.104
10	244	27.230	27.224	-0.005
30	141	27.479	27.280	-0.199
30	144	27.711	27.488	-0.223
30	145	27.506	27.349	-0.157
30	146	27.420	27.313	-0.107
30	147	27.280	27.173	-0.108
30	132	27.792	27.599	-0.193
30	133	27.400	27.240	-0.161
30	135	27.133	27.465	0.332
30	245	27.402	27.343	-0.059
30	246	27.531	27.412	-0.119
50	67	27.283	27.243	-0.041
50	68	27.398	27.365	-0.033
50	69	27.534	27.326	-0.208
50	71	27.478	27.280	-0.198
50	72	27.323	27.100	-0.223
50	172	27.339	27.045	-0.294
50	173	27.284	27.150	-0.133
50	174	27.689	27.413	-0.275
50	183	27.737	27.561	-0.176
50	186	27.538	27.260	-0.279
100	95	27.497	27.103	-0.394
100	102	27.354	27.091	-0.263
100	104	27.251	26.936	-0.316
100	105	27.303	26.959	-0.344
100	106	27.497	27.312	-0.184
100	178	27.492	27.114	-0.378
100	179	27.773	27.448	-0.325
100	180	27.768	27.552	-0.215
100	181	27.505	27.086	-0.419
100	182	27.476	26.968	-0.508
Max		27.792	27.631	0.332
Average		27.456	27.302	-0.154
Min		27.133	26.936	-0.508
Std Dev		0.173	0.174	0.165



112.3 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	27.631	27.129	27.103	27.173	27.045	26.936
Average	27.631	27.386	27.293	27.366	27.274	27.157
Max	27.631	27.504	27.562	27.599	27.561	27.552
UL	38.000	38.000	38.000	38.000	38.000	38.000

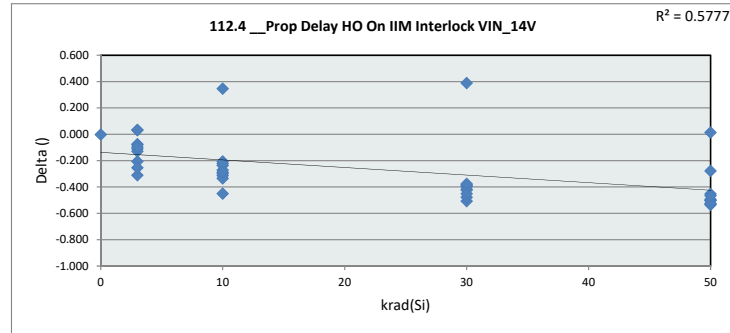


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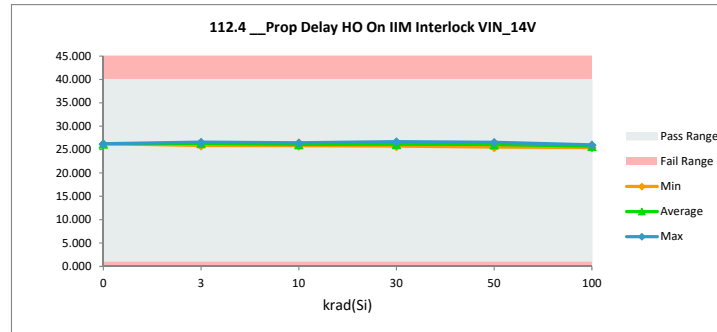
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112.4 Prop Delay HO On IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	26.254	26.254	0.000
3	58	26.409	26.337	-0.072
3	59	26.459	26.255	-0.204
3	60	26.006	25.879	-0.127
3	61	26.610	26.501	-0.108
3	62	26.657	26.581	-0.076
3	134	26.451	26.486	0.034
3	137	26.601	26.506	-0.095
3	138	26.813	26.505	-0.308
3	139	26.410	26.159	-0.251
3	236	26.032	26.067	0.035
10	63	26.386	26.182	-0.204
10	64	26.541	26.231	-0.311
10	65	26.298	26.028	-0.270
10	66	26.429	26.195	-0.234
10	150	26.315	26.020	-0.295
10	237	26.514	26.066	-0.448
10	241	26.100	26.449	0.349
10	242	26.044	25.824	-0.220
10	243	26.330	25.997	-0.333
10	244	26.358	26.072	-0.286
30	141	26.258	25.838	-0.420
30	144	26.766	26.262	-0.505
30	145	26.948	26.552	-0.396
30	146	26.299	25.911	-0.388
30	147	26.188	25.712	-0.476
30	132	26.933	26.552	-0.382
30	133	26.449	26.032	-0.417
30	135	26.299	26.690	0.391
30	245	26.531	26.157	-0.373
30	246	26.297	25.848	-0.449
50	67	26.534	26.001	-0.533
50	68	26.133	26.149	0.016
50	69	26.576	26.084	-0.492
50	71	26.948	26.448	-0.500
50	72	26.038	25.537	-0.501
50	172	26.695	26.245	-0.450
50	173	26.476	25.950	-0.526
50	174	26.341	26.065	-0.275
50	183	26.361	25.839	-0.523
50	186	26.999	26.535	-0.464
100	95	26.496	25.830	-0.666
100	102	26.195	25.447	-0.748
100	104	26.205	25.491	-0.714
100	105	26.268	25.667	-0.601
100	106	26.568	25.848	-0.721
100	178	26.500	25.795	-0.705
100	179	26.660	25.882	-0.778
100	180	26.633	26.005	-0.628
100	181	26.403	25.779	-0.624
100	182	26.508	25.687	-0.822
Max		26.999	26.690	0.391
Average		26.442	26.087	-0.355
Min		26.006	25.447	-0.822
Std Dev		0.243	0.306	0.266



112.4 Prop Delay						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	40					
Min Limit	1					
krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	26.254	25.879	25.824	25.712	25.537	25.447
Average	26.254	26.327	26.106	26.155	26.085	25.743
Max	26.254	26.581	26.449	26.690	26.535	26.005
UL	40.000	40.000	40.000	40.000	40.000	40.000

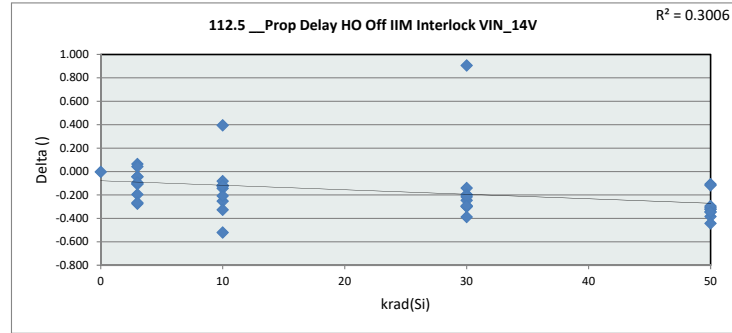


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112.5 Prop Delay HO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

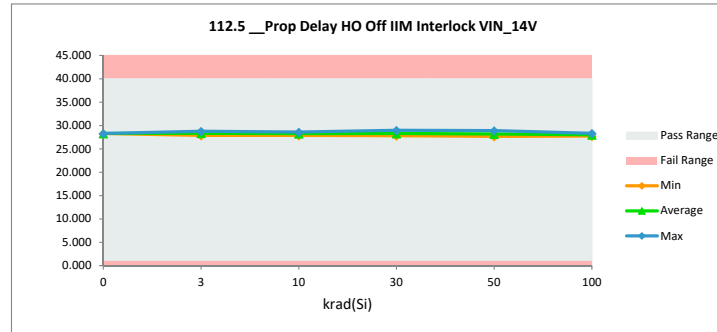
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	28.296	28.296	0.000
3	58	28.381	28.448	0.067
3	59	28.370	28.267	-0.103
3	60	27.901	27.860	-0.041
3	61	28.813	28.770	-0.043
3	62	28.729	28.774	0.045
3	134	28.540	28.438	-0.102
3	137	28.608	28.416	-0.192
3	138	28.714	28.442	-0.272
3	139	28.180	28.088	-0.092
3	236	28.147	27.883	-0.264
10	63	28.319	28.204	-0.114
10	64	28.667	28.417	-0.250
10	65	28.130	27.988	-0.141
10	66	28.654	28.574	-0.080
10	150	28.353	28.029	-0.324
10	237	28.402	27.885	-0.518
10	241	28.026	28.424	0.398
10	242	28.284	28.165	-0.119
10	243	28.638	28.433	-0.205
10	244	28.397	28.276	-0.121
30	141	28.196	28.000	-0.197
30	144	28.819	28.524	-0.295
30	145	28.772	28.634	-0.138
30	146	28.476	28.233	-0.244
30	147	27.990	27.796	-0.194
30	132	28.971	28.586	-0.386
30	133	28.237	27.941	-0.296
30	135	28.062	28.971	0.909
30	245	28.542	28.329	-0.213
30	246	28.103	27.813	-0.290
50	67	28.238	27.918	-0.319
50	68	28.478	28.373	-0.105
50	69	28.264	27.960	-0.304
50	71	28.998	28.883	-0.115
50	72	28.053	27.671	-0.382
50	172	28.526	28.184	-0.342
50	173	28.538	28.221	-0.317
50	174	28.348	28.055	-0.293
50	183	28.419	27.979	-0.440
50	186	29.021	28.677	-0.343
100	95	28.303	27.868	-0.435
100	102	28.441	27.813	-0.628
100	104	28.222	27.730	-0.493
100	105	28.448	28.080	-0.369
100	106	28.723	28.333	-0.390
100	178	28.291	27.796	-0.495
100	179	28.780	28.305	-0.475
100	180	28.505	28.138	-0.367
100	181	28.391	28.065	-0.326
100	182	28.676	28.002	-0.674
Max		29.021	28.971	0.909
Average		28.439	28.215	-0.224
Min		27.901	27.671	-0.674
Std Dev		0.269	0.317	0.247



112.5 Prop Delay

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	40
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	28.297	27.860	27.885	27.796	27.671	27.730
Average	28.297	28.339	28.240	28.283	28.192	28.013
Max	28.297	28.774	28.575	28.971	28.883	28.333
UL	40.000	40.000	40.000	40.000	40.000	40.000

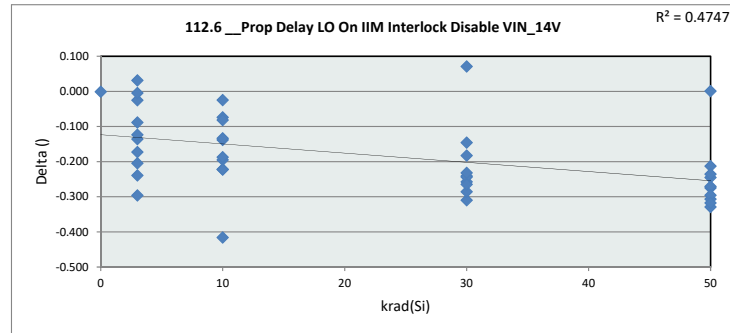


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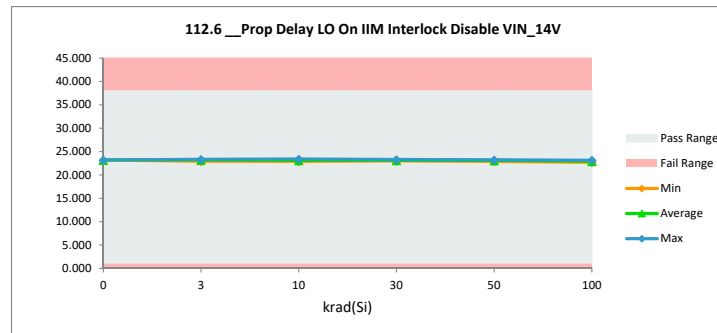
112.6 __ Prop Delay LO On IIM Interlock Disable VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	23.203	23.203	0.000
3	58	23.211	23.243	0.032
3	59	23.452	23.318	-0.135
3	60	23.209	23.185	-0.024
3	61	23.211	23.124	-0.087
3	62	23.292	23.288	-0.004
3	134	23.456	23.285	-0.172
3	137	23.509	23.271	-0.238
3	138	23.433	23.229	-0.204
3	139	23.324	23.201	-0.123
3	236	23.226	22.930	-0.295
10	63	23.340	23.267	-0.073
10	64	23.428	23.290	-0.137
10	65	23.261	23.181	-0.081
10	66	23.012	22.879	-0.132
10	150	23.608	23.414	-0.194
10	237	23.352	22.937	-0.415
10	241	23.219	23.194	-0.024
10	242	23.265	23.044	-0.221
10	243	23.114	22.927	-0.187
10	244	23.196	22.975	-0.221
30	141	23.347	23.090	-0.257
30	144	23.501	23.192	-0.309
30	145	23.336	23.096	-0.240
30	146	23.244	23.001	-0.243
30	147	23.287	23.002	-0.285
30	132	23.553	23.290	-0.264
30	133	23.214	23.033	-0.182
30	135	23.170	23.241	0.072
30	245	23.422	23.191	-0.231
30	246	23.343	23.198	-0.145
50	67	23.213	22.939	-0.274
50	68	23.177	23.179	0.002
50	69	23.289	23.077	-0.212
50	71	23.369	23.063	-0.306
50	72	23.141	22.897	-0.244
50	172	23.370	23.101	-0.270
50	173	23.383	23.149	-0.235
50	174	23.421	23.093	-0.328
50	183	23.518	23.223	-0.295
50	186	23.403	23.086	-0.317
100	95	23.408	22.975	-0.433
100	102	23.180	22.802	-0.377
100	104	23.320	22.863	-0.457
100	105	23.135	22.713	-0.421
100	106	23.241	23.031	-0.210
100	178	23.257	22.882	-0.375
100	179	23.462	23.102	-0.361
100	180	23.459	23.145	-0.314
100	181	23.391	22.931	-0.460
100	182	23.261	22.818	-0.443
Max		23.608	23.414	0.072
Average		23.316	23.094	-0.223
Min		23.012	22.713	-0.460
Std Dev		0.126	0.156	0.134



112.6 __ Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	23.203	22.930	22.879	23.001	22.897	22.713
Average	23.203	23.207	23.111	23.133	23.081	22.926
Max	23.203	23.318	23.414	23.290	23.223	23.145
UL	38.000	38.000	38.000	38.000	38.000	38.000

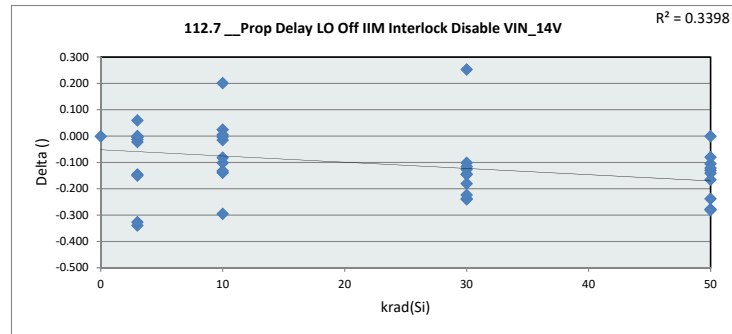


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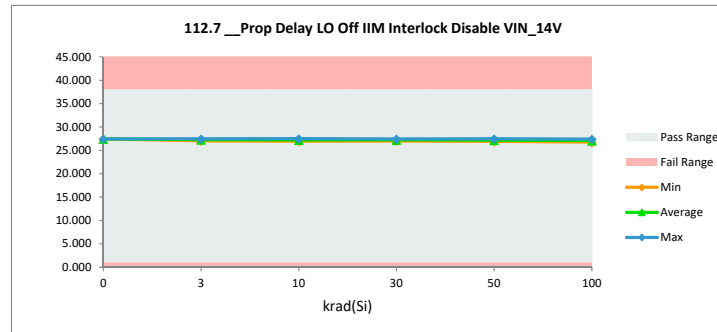
112.7 __Prop Delay LO Off IIM Interlock Disable VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	38	38
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	27.442	27.442	0.000
3	58	27.227	27.288	0.061
3	59	27.489	27.487	-0.002
3	60	27.205	27.184	-0.021
3	61	27.289	27.277	-0.012
3	62	27.276	27.273	-0.003
3	134	27.670	27.332	-0.338
3	137	27.506	27.361	-0.145
3	138	27.479	27.331	-0.149
3	139	27.159	27.160	0.001
3	236	27.345	27.020	-0.325
10	63	27.239	27.225	-0.014
10	64	27.437	27.299	-0.138
10	65	27.134	27.133	-0.002
10	66	27.064	27.090	0.026
10	150	27.617	27.517	-0.100
10	237	27.295	27.001	-0.294
10	241	27.106	27.308	0.203
10	242	27.324	27.244	-0.080
10	243	27.088	26.957	-0.131
10	244	27.094	27.100	0.006
30	141	27.335	27.210	-0.125
30	144	27.592	27.353	-0.239
30	145	27.402	27.302	-0.100
30	146	27.311	27.168	-0.143
30	147	27.159	26.980	-0.179
30	132	27.684	27.447	-0.237
30	133	27.322	27.100	-0.222
30	135	27.004	27.257	0.254
30	245	27.297	27.182	-0.115
30	246	27.421	27.276	-0.144
50	67	27.164	27.164	0.001
50	68	27.266	27.162	-0.104
50	69	27.396	27.159	-0.237
50	71	27.330	27.201	-0.129
50	72	27.166	27.027	-0.140
50	172	27.195	26.919	-0.277
50	173	27.188	27.109	-0.079
50	174	27.560	27.280	-0.280
50	183	27.583	27.462	-0.120
50	186	27.408	27.243	-0.165
100	95	27.386	27.116	-0.270
100	102	27.224	26.924	-0.300
100	104	27.150	26.756	-0.394
100	105	27.170	26.848	-0.322
100	106	27.378	27.253	-0.125
100	178	27.347	27.075	-0.273
100	179	27.643	27.301	-0.342
100	180	27.642	27.413	-0.229
100	181	27.357	27.051	-0.306
100	182	27.311	26.895	-0.416
Max		27.684	27.517	0.254
Average		27.331	27.189	-0.141
Min		27.004	26.756	-0.416
Std Dev		0.172	0.171	0.143



112.7 __Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	38	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	27.442	27.020	26.957	26.980	26.919	26.756
Average	27.442	27.271	27.187	27.228	27.173	27.063
Max	27.442	27.487	27.517	27.447	27.462	27.413
UL	38.000	38.000	38.000	38.000	38.000	38.000

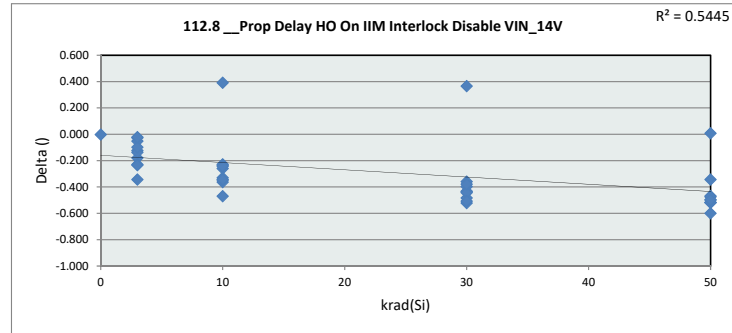


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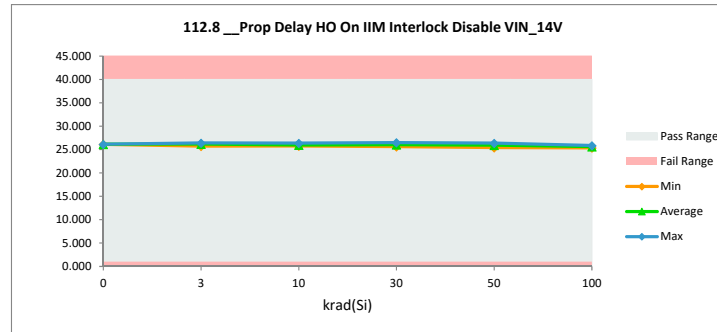
112.8 Prop Delay HO On IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	26.135	26.135	0.000
3	58	26.260	26.211	-0.049
3	59	26.328	26.150	-0.177
3	60	25.864	25.742	-0.122
3	61	26.496	26.269	-0.227
3	62	26.535	26.400	-0.135
3	134	26.369	26.346	-0.024
3	137	26.462	26.366	-0.096
3	138	26.696	26.354	-0.341
3	139	26.299	26.068	-0.231
3	236	25.940	25.920	-0.020
10	63	26.278	26.046	-0.233
10	64	26.417	26.072	-0.345
10	65	26.185	25.824	-0.361
10	66	26.290	26.064	-0.226
10	150	26.177	25.920	-0.257
10	237	26.400	25.933	-0.468
10	241	25.977	26.371	0.394
10	242	25.989	25.749	-0.240
10	243	26.241	25.913	-0.328
10	244	26.272	25.930	-0.342
30	141	26.176	25.741	-0.435
30	144	26.649	26.128	-0.520
30	145	26.846	26.451	-0.395
30	146	26.190	25.709	-0.481
30	147	26.061	25.630	-0.430
30	132	26.836	26.479	-0.357
30	133	26.324	25.884	-0.441
30	135	26.132	26.499	0.368
30	245	26.398	26.022	-0.376
30	246	26.181	25.677	-0.505
50	67	26.394	25.878	-0.515
50	68	26.007	26.016	0.009
50	69	26.426	25.911	-0.516
50	71	26.792	26.298	-0.494
50	72	25.878	25.412	-0.466
50	172	26.581	26.065	-0.517
50	173	26.362	25.890	-0.472
50	174	26.218	25.876	-0.342
50	183	26.275	25.678	-0.597
50	186	26.890	26.393	-0.496
100	95	26.392	25.750	-0.643
100	102	26.070	25.376	-0.694
100	104	26.098	25.399	-0.700
100	105	26.189	25.587	-0.602
100	106	26.448	25.692	-0.755
100	178	26.374	25.686	-0.687
100	179	26.549	25.854	-0.695
100	180	26.563	25.879	-0.684
100	181	26.307	25.674	-0.632
100	182	26.377	25.520	-0.857
Max		26.890	26.499	0.394
Average		26.325	25.958	-0.368
Min		25.864	25.376	-0.857
Std Dev		0.243	0.295	0.262



112.8 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	26.135	25.742	25.749	25.630	25.412	25.376
Average	26.135	26.183	25.982	26.022	25.942	25.642
Max	26.135	26.400	26.371	26.499	26.394	25.879
UL	40.000	40.000	40.000	40.000	40.000	40.000

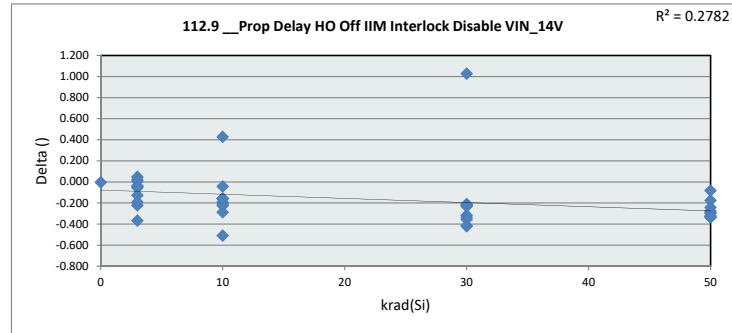


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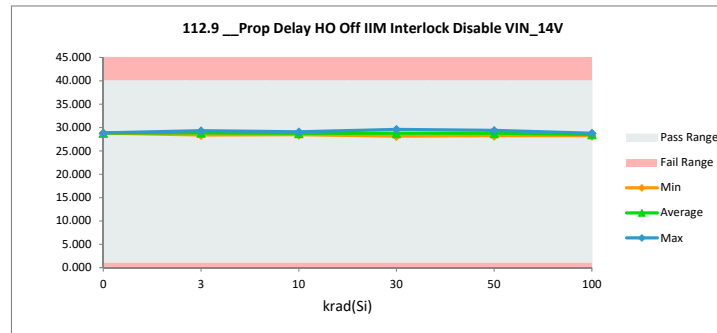
112.9 Prop Delay HO Off IIM I		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	40	40
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	28.819	28.819	0.000
3	58	28.907	28.959	0.051
3	59	28.886	28.847	-0.039
3	60	28.427	28.392	-0.035
3	61	29.275	29.298	0.024
3	62	29.230	29.239	0.009
3	134	29.042	28.989	-0.052
3	137	29.132	29.009	-0.124
3	138	29.273	28.910	-0.363
3	139	28.744	28.525	-0.219
3	236	28.652	28.463	-0.189
10	63	28.809	28.769	-0.041
10	64	29.179	28.957	-0.222
10	65	28.646	28.488	-0.157
10	66	29.230	29.076	-0.154
10	150	28.876	28.592	-0.284
10	237	28.944	28.438	-0.506
10	241	28.565	28.996	0.430
10	242	28.812	28.623	-0.188
10	243	29.157	28.951	-0.207
10	244	28.970	28.816	-0.154
30	141	28.748	28.435	-0.313
30	144	29.323	28.907	-0.416
30	145	29.336	29.129	-0.207
30	146	28.980	28.762	-0.219
30	147	28.498	28.164	-0.333
30	132	29.445	29.093	-0.353
30	133	28.817	28.404	-0.413
30	135	28.580	29.611	1.030
30	245	29.083	28.869	-0.215
30	246	28.592	28.362	-0.230
50	67	28.745	28.470	-0.275
50	68	28.963	28.882	-0.080
50	69	28.772	28.482	-0.290
50	71	29.558	29.386	-0.172
50	72	28.584	28.257	-0.327
50	172	29.108	28.776	-0.332
50	173	29.038	28.799	-0.239
50	174	28.862	28.570	-0.292
50	183	28.944	28.626	-0.318
50	186	29.583	29.252	-0.332
100	95	28.806	28.416	-0.390
100	102	29.017	28.330	-0.687
100	104	28.768	28.239	-0.529
100	105	28.978	28.610	-0.369
100	106	29.199	28.768	-0.431
100	178	28.868	28.331	-0.536
100	179	29.285	28.785	-0.499
100	180	29.044	28.738	-0.306
100	181	28.940	28.498	-0.442
100	182	29.207	28.563	-0.644
Max		29.583	29.611	1.030
Average		28.966	28.739	-0.227
Min		28.427	28.164	-0.687
Std Dev		0.269	0.322	0.264



112.9 Prop Delay		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	40	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	28.819	28.392	28.438	28.164	28.257	28.239
Average	28.819	28.863	28.770	28.774	28.750	28.528
Max	28.819	29.298	29.076	29.611	29.386	28.786
UL	40.000	40.000	40.000	40.000	40.000	40.000

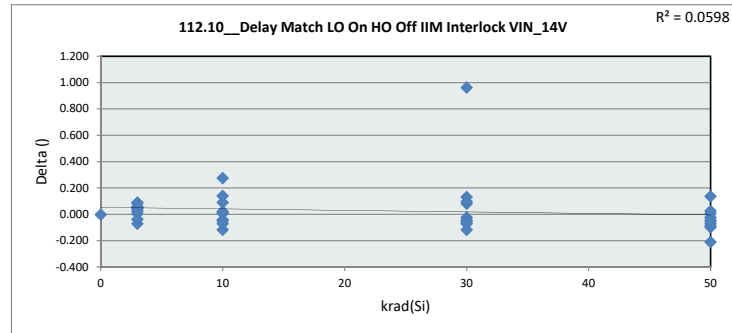


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112.10 Delay Match LO On HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit		

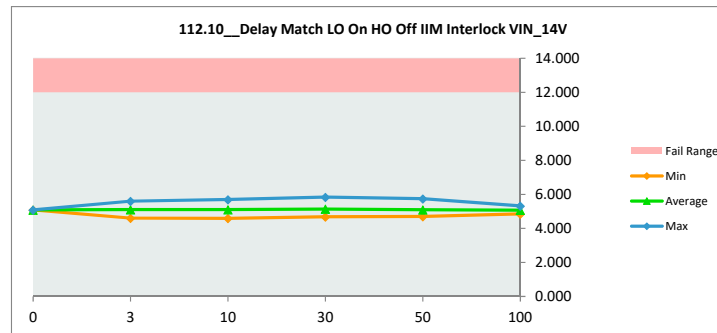
krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.088	5.088	0.000
3	58	5.110	5.161	0.052
3	59	4.887	4.894	0.007
3	60	4.674	4.605	-0.069
3	61	5.563	5.606	0.043
3	62	5.414	5.505	0.092
3	134	5.063	5.114	0.051
3	137	5.066	5.092	0.026
3	138	5.270	5.235	-0.035
3	139	4.841	4.902	0.062
3	236	4.864	4.951	0.087
10	63	4.935	4.888	-0.047
10	64	5.192	5.153	-0.039
10	65	4.829	4.851	0.022
10	66	5.600	5.692	0.093
10	150	4.706	4.590	-0.115
10	237	5.034	4.966	-0.068
10	241	4.795	5.072	0.277
10	242	4.961	5.103	0.142
10	243	5.527	5.537	0.010
10	244	5.194	5.215	0.022
30	141	4.820	4.903	0.083
30	144	5.281	5.260	-0.021
30	145	5.420	5.555	0.134
30	146	5.200	5.161	-0.039
30	147	4.656	4.754	0.098
30	132	5.396	5.281	-0.115
30	133	4.974	4.926	-0.048
30	135	4.873	5.837	0.964
30	245	5.106	5.037	-0.069
30	246	4.745	4.679	-0.066
50	67	4.974	4.878	-0.095
50	68	5.268	5.219	-0.049
50	69	4.918	4.925	0.007
50	71	5.601	5.739	0.138
50	72	4.876	4.792	-0.085
50	172	5.153	5.084	-0.069
50	173	5.123	5.102	-0.021
50	174	4.898	4.925	0.028
50	183	4.902	4.694	-0.207
50	186	5.576	5.535	-0.041
100	95	4.862	4.848	-0.014
100	102	5.216	4.988	-0.228
100	104	4.893	4.907	0.013
100	105	5.289	5.316	0.027
100	106	5.425	5.292	-0.133
100	178	5.014	4.939	-0.074
100	179	5.267	5.150	-0.117
100	180	5.030	5.010	-0.021
100	181	4.969	5.054	0.086
100	182	5.380	5.198	-0.181
Max		5.601	5.837	0.964
Average		5.092	5.102	0.010
Min		4.656	4.590	-0.228
Std Dev		0.257	0.288	0.165



112.10 Delay Match

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	

krad(Si)	0	3	10	30	50	100
LL						
Min	5.088	4.605	4.590	4.679	4.694	4.848
Average	5.088	5.106	5.107	5.139	5.089	5.070
Max	5.088	5.606	5.692	5.837	5.739	5.316
UL	12.000	12.000	12.000	12.000	12.000	12.000

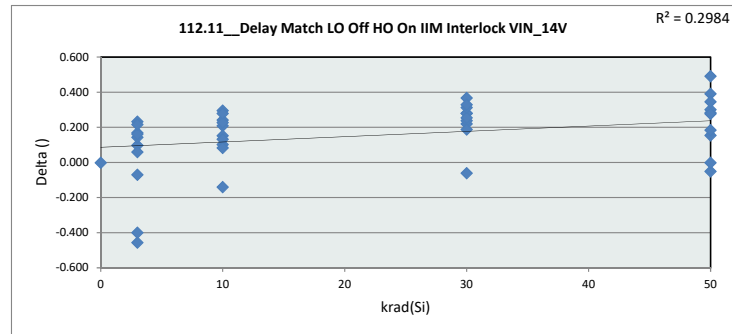


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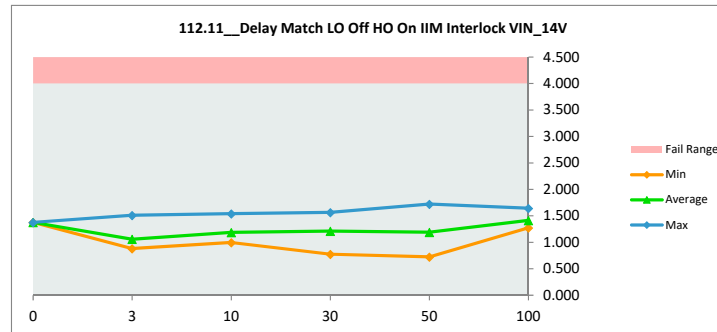
112.11 Delay Match LO Off HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	4	4
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.377	1.377	0.000
3	58	0.942	1.041	0.099
3	59	1.189	1.249	0.061
3	60	1.275	1.509	0.234
3	61	0.773	0.918	0.144
3	62	0.748	0.918	0.170
3	134	1.337	0.882	-0.455
3	137	1.027	0.959	-0.068
3	138	0.770	0.933	0.163
3	139	0.901	1.118	0.217
3	236	1.460	1.062	-0.398
10	63	0.969	1.073	0.104
10	64	0.999	1.209	0.210
10	65	0.946	1.243	0.296
10	66	0.760	1.003	0.243
10	150	1.388	1.541	0.154
10	237	0.924	1.057	0.133
10	241	1.135	0.996	-0.139
10	242	1.403	1.487	0.084
10	243	0.878	1.106	0.229
10	244	0.871	1.152	0.281
30	141	1.221	1.442	0.221
30	144	0.945	1.227	0.281
30	145	0.558	0.797	0.239
30	146	1.121	1.402	0.281
30	147	1.092	1.461	0.369
30	132	0.859	1.048	0.189
30	133	0.951	1.207	0.256
30	135	0.834	0.775	-0.059
30	245	0.871	1.185	0.314
30	246	1.234	1.564	0.330
50	67	0.749	1.242	0.493
50	68	1.265	1.216	-0.049
50	69	0.959	1.242	0.284
50	71	0.530	0.832	0.302
50	72	1.284	1.563	0.278
50	172	0.644	0.800	0.156
50	173	0.808	1.201	0.392
50	174	1.348	1.348	0.000
50	183	1.376	1.722	0.347
50	186	0.539	0.725	0.185
100	95	1.001	1.273	0.272
100	102	1.159	1.644	0.485
100	104	1.047	1.445	0.398
100	105	1.035	1.292	0.258
100	106	0.928	1.464	0.536
100	178	0.992	1.319	0.326
100	179	1.113	1.566	0.453
100	180	1.135	1.547	0.412
100	181	1.102	1.306	0.205
100	182	0.967	1.281	0.314
Max		1.460	1.722	0.536
Average		1.014	1.215	0.201
Min		0.530	0.725	-0.455
Std Dev		0.233	0.250	0.195



112.11 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	1.377	0.882	0.996	0.775	0.725	1.273
Average	1.377	1.059	1.187	1.211	1.189	1.414
Max	1.377	1.509	1.541	1.564	1.722	1.644
UL	4.000	4.000	4.000	4.000	4.000	4.000

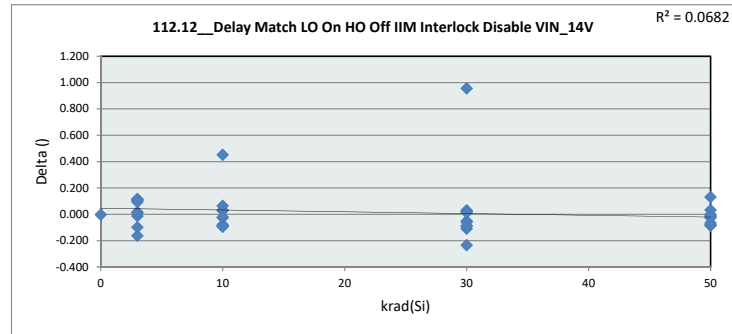


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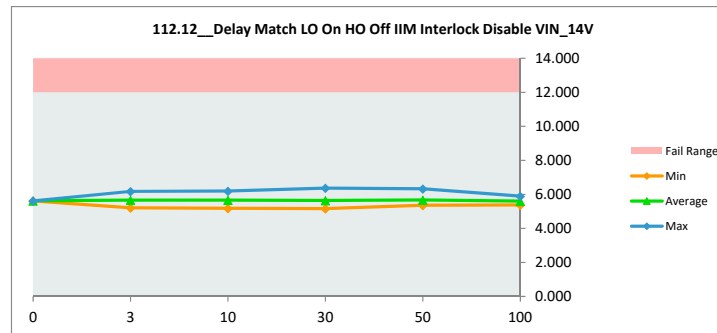
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112.12 Delay Match LO On HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.616	5.616	0.000
3	58	5.696	5.715	0.019
3	59	5.433	5.529	0.096
3	60	5.217	5.207	-0.011
3	61	6.063	6.174	0.111
3	62	5.938	5.951	0.012
3	134	5.585	5.705	0.120
3	137	5.623	5.738	0.115
3	138	5.841	5.681	-0.160
3	139	5.420	5.324	-0.096
3	236	5.426	5.533	0.107
10	63	5.470	5.502	0.032
10	64	5.752	5.667	-0.085
10	65	5.384	5.308	-0.076
10	66	6.218	6.197	-0.021
10	150	5.268	5.178	-0.090
10	237	5.592	5.501	-0.091
10	241	5.347	5.801	0.454
10	242	5.546	5.579	0.033
10	243	6.044	6.024	-0.020
10	244	5.774	5.841	0.067
30	141	5.401	5.345	-0.056
30	144	5.822	5.715	-0.107
30	145	6.000	6.033	0.033
30	146	5.736	5.760	0.024
30	147	5.211	5.162	-0.049
30	132	5.892	5.803	-0.089
30	133	5.602	5.371	-0.231
30	135	5.410	6.369	0.959
30	245	5.661	5.678	0.016
30	246	5.250	5.165	-0.085
50	67	5.531	5.531	-0.001
50	68	5.786	5.704	-0.082
50	69	5.483	5.405	-0.078
50	71	6.189	6.323	0.134
50	72	5.443	5.360	-0.083
50	172	5.738	5.675	-0.063
50	173	5.654	5.650	-0.004
50	174	5.441	5.477	0.036
50	183	5.426	5.403	-0.023
50	186	6.180	6.165	-0.015
100	95	5.398	5.441	0.043
100	102	5.837	5.528	-0.310
100	104	5.448	5.376	-0.072
100	105	5.844	5.896	0.052
100	106	5.958	5.737	-0.221
100	178	5.610	5.449	-0.162
100	179	5.823	5.684	-0.139
100	180	5.585	5.593	0.008
100	181	5.549	5.568	0.018
100	182	5.946	5.746	-0.201
Max		6.218	6.369	0.959
Average		5.649	5.645	-0.005
Min		5.211	5.162	-0.310
Std Dev		0.260	0.289	0.180



112.12 Delay Match						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	12					
Min Limit						
krad(Si)	0	3	10	30	50	100
LL						
Min	5.616	5.207	5.178	5.162	5.360	5.376
Average	5.616	5.656	5.660	5.640	5.669	5.602
Max	5.616	6.174	6.197	6.369	6.323	5.896
UL	12.000	12.000	12.000	12.000	12.000	12.000

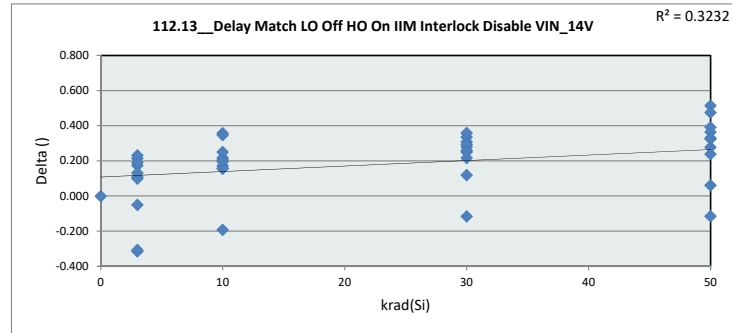


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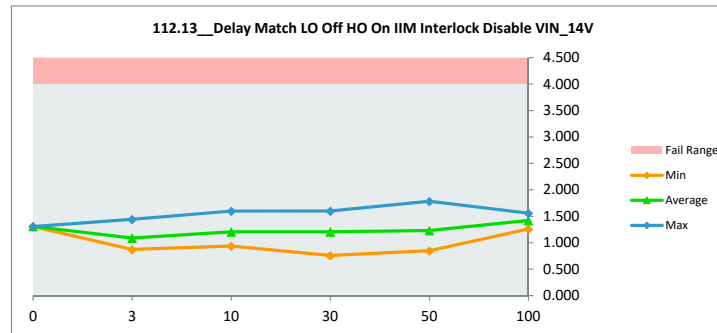
112.13 Delay Match LO Off HO		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	4	4
Min Limit		

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	1.307	1.307	0.000
3	58	0.967	1.077	0.110
3	59	1.162	1.337	0.175
3	60	1.341	1.442	0.100
3	61	0.793	1.008	0.216
3	62	0.740	0.873	0.132
3	134	1.300	0.986	-0.314
3	137	1.044	0.996	-0.049
3	138	0.784	0.976	0.192
3	139	0.860	1.093	0.233
3	236	1.405	1.099	-0.306
10	63	0.960	1.179	0.219
10	64	1.020	1.227	0.207
10	65	0.949	1.309	0.359
10	66	0.774	1.026	0.252
10	150	1.440	1.597	0.157
10	237	0.895	1.068	0.174
10	241	1.128	0.937	-0.191
10	242	1.335	1.495	0.160
10	243	0.848	1.045	0.197
10	244	0.823	1.171	0.348
30	141	1.159	1.469	0.310
30	144	0.943	1.225	0.281
30	145	0.556	0.851	0.295
30	146	1.121	1.459	0.337
30	147	1.098	1.350	0.251
30	132	0.848	0.968	0.120
30	133	0.998	1.216	0.218
30	135	0.872	0.758	-0.114
30	245	0.899	1.160	0.261
30	246	1.239	1.600	0.360
50	67	0.770	1.286	0.516
50	68	1.259	1.146	-0.113
50	69	0.970	1.249	0.279
50	71	0.538	0.903	0.365
50	72	1.289	1.615	0.326
50	172	0.614	0.854	0.240
50	173	0.825	1.219	0.393
50	174	1.342	1.404	0.062
50	183	1.308	1.785	0.477
50	186	0.518	0.849	0.331
100	95	0.993	1.366	0.373
100	102	1.154	1.548	0.394
100	104	1.051	1.357	0.306
100	105	0.981	1.261	0.280
100	106	0.931	1.561	0.630
100	178	0.974	1.388	0.414
100	179	1.094	1.447	0.353
100	180	1.079	1.534	0.455
100	181	1.050	1.377	0.327
100	182	0.934	1.375	0.441
Max		1.440	1.785	0.630
Average		1.006	1.232	0.226
Min		0.518	0.758	-0.314
Std Dev		0.227	0.242	0.194



112.13 Delay Match		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	4	
Min Limit		

krad(Si)	0	3	10	30	50	100
LL						
Min	1.307	0.873	0.937	0.758	0.849	1.261
Average	1.307	1.089	1.205	1.205	1.231	1.421
Max	1.307	1.442	1.598	1.600	1.785	1.561
UL	4.000	4.000	4.000	4.000	4.000	4.000

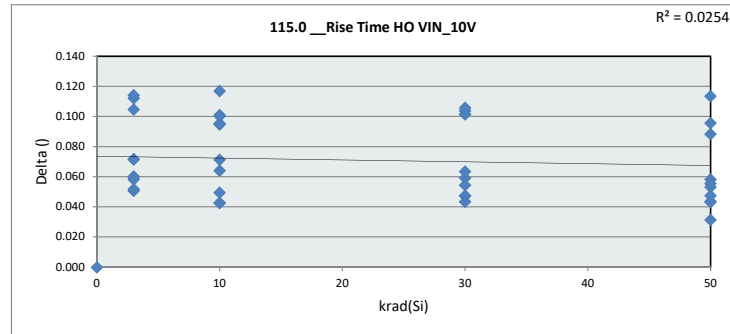


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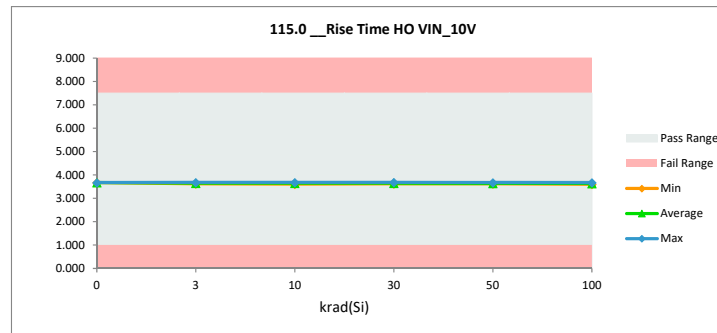
115.0 Rise Time HO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	7.5	7.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.677	3.677	0.000
3	58	3.570	3.630	0.060
3	59	3.569	3.681	0.112
3	60	3.560	3.675	0.114
3	61	3.577	3.628	0.051
3	62	3.575	3.680	0.105
3	134	3.580	3.641	0.060
3	137	3.566	3.638	0.072
3	138	3.574	3.645	0.072
3	139	3.566	3.624	0.058
3	236	3.569	3.621	0.052
10	63	3.577	3.672	0.095
10	64	3.566	3.631	0.064
10	65	3.554	3.671	0.117
10	66	3.571	3.614	0.043
10	150	3.575	3.670	0.095
10	237	3.577	3.620	0.043
10	241	3.570	3.641	0.072
10	242	3.576	3.677	0.101
10	243	3.567	3.668	0.100
10	244	3.559	3.608	0.050
30	141	3.569	3.674	0.104
30	144	3.581	3.682	0.102
30	145	3.576	3.619	0.043
30	146	3.574	3.676	0.102
30	147	3.569	3.628	0.059
30	132	3.566	3.621	0.055
30	133	3.582	3.629	0.047
30	135	3.577	3.624	0.048
30	245	3.563	3.627	0.064
30	246	3.579	3.685	0.106
50	67	3.568	3.621	0.053
50	68	3.572	3.616	0.044
50	69	3.574	3.670	0.096
50	71	3.577	3.625	0.048
50	72	3.560	3.674	0.114
50	172	3.579	3.622	0.043
50	173	3.568	3.626	0.058
50	174	3.579	3.667	0.089
50	183	3.576	3.632	0.056
50	186	3.588	3.620	0.032
100	95	3.571	3.634	0.063
100	102	3.571	3.672	0.101
100	104	3.576	3.657	0.081
100	105	3.575	3.615	0.039
100	106	3.574	3.622	0.048
100	178	3.575	3.627	0.053
100	179	3.565	3.604	0.039
100	180	3.568	3.666	0.098
100	181	3.562	3.619	0.056
100	182	3.571	3.612	0.041
Max		3.677	3.685	0.117
Average		3.574	3.643	0.069
Min		3.554	3.604	0.000
Std Dev		0.016	0.025	0.027



115.0 Rise Time H		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.677	3.621	3.608	3.619	3.616	3.604
Average	3.677	3.646	3.647	3.647	3.637	3.633
Max	3.677	3.681	3.677	3.685	3.674	3.672
UL	7.500	7.500	7.500	7.500	7.500	7.500

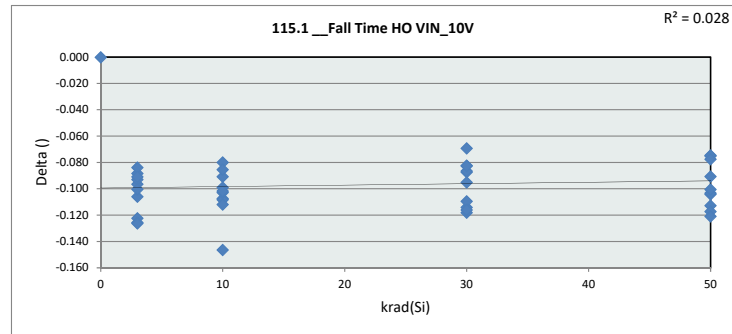


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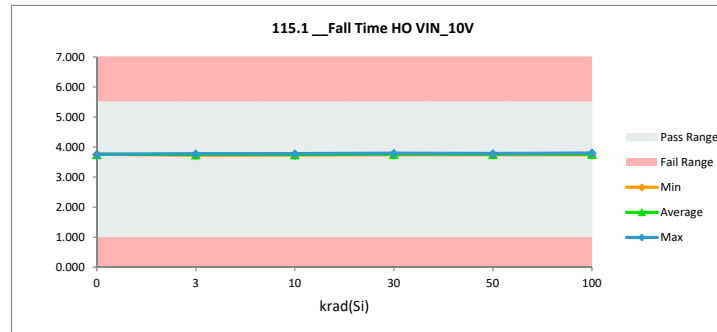
115.1_Fall Time HO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	5.5	5.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.758	3.758	0.000
3	58	3.844	3.747	-0.096
3	59	3.842	3.753	-0.088
3	60	3.850	3.757	-0.093
3	61	3.863	3.757	-0.106
3	62	3.862	3.778	-0.084
3	134	3.875	3.753	-0.122
3	137	3.851	3.760	-0.091
3	138	3.859	3.759	-0.100
3	139	3.870	3.744	-0.125
3	236	3.851	3.725	-0.126
10	63	3.867	3.777	-0.091
10	64	3.852	3.745	-0.107
10	65	3.837	3.757	-0.080
10	66	3.851	3.743	-0.108
10	150	3.855	3.770	-0.085
10	237	3.878	3.731	-0.146
10	241	3.854	3.751	-0.103
10	242	3.854	3.742	-0.112
10	243	3.857	3.758	-0.099
10	244	3.850	3.748	-0.102
30	141	3.848	3.760	-0.087
30	144	3.869	3.787	-0.082
30	145	3.856	3.742	-0.114
30	146	3.863	3.794	-0.069
30	147	3.842	3.755	-0.086
30	132	3.855	3.760	-0.095
30	133	3.869	3.751	-0.118
30	135	3.857	3.748	-0.109
30	245	3.857	3.741	-0.116
30	246	3.850	3.768	-0.082
50	67	3.854	3.750	-0.104
50	68	3.853	3.740	-0.113
50	69	3.867	3.763	-0.103
50	71	3.873	3.756	-0.117
50	72	3.858	3.784	-0.074
50	172	3.854	3.779	-0.075
50	173	3.855	3.754	-0.100
50	174	3.862	3.785	-0.077
50	183	3.877	3.756	-0.121
50	186	3.863	3.773	-0.091
100	95	3.855	3.779	-0.076
100	102	3.864	3.789	-0.076
100	104	3.847	3.763	-0.085
100	105	3.850	3.744	-0.106
100	106	3.852	3.803	-0.049
100	178	3.869	3.751	-0.119
100	179	3.853	3.751	-0.102
100	180	3.855	3.795	-0.060
100	181	3.845	3.761	-0.084
100	182	3.844	3.739	-0.106
Max		3.878	3.803	0.000
Average		3.855	3.760	-0.095
Min		3.758	3.725	-0.146
Std Dev		0.017	0.017	0.023



115.1_Fall Time HO VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.758	3.725	3.731	3.741	3.740	3.739
Average	3.758	3.754	3.752	3.761	3.764	3.767
Max	3.758	3.778	3.777	3.794	3.785	3.803
UL	5.500	5.500	5.500	5.500	5.500	5.500

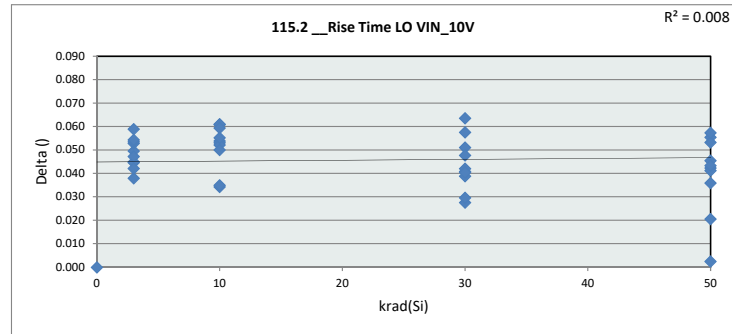


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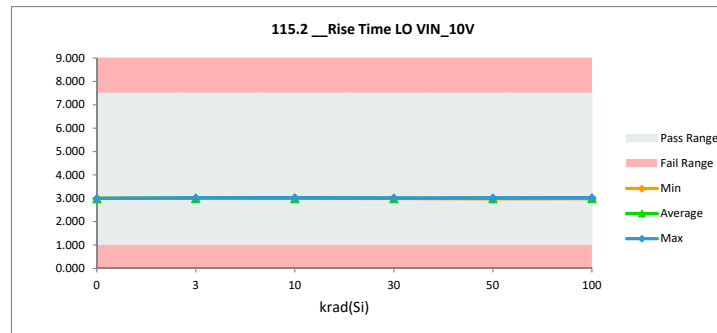
115.2 Rise Time LO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	7.5	7.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	2.997	2.997	0.000
3	58	2.956	3.006	0.050
3	59	2.965	3.010	0.045
3	60	2.952	3.005	0.053
3	61	2.964	3.009	0.045
3	62	2.955	3.014	0.059
3	134	2.980	3.018	0.038
3	137	2.962	3.016	0.054
3	138	2.966	3.021	0.054
3	139	2.966	3.009	0.042
3	236	2.960	3.008	0.047
10	63	2.958	3.019	0.061
10	64	2.959	3.013	0.054
10	65	2.941	3.002	0.061
10	66	2.943	3.002	0.059
10	150	2.975	3.028	0.053
10	237	2.965	3.000	0.034
10	241	2.970	3.022	0.052
10	242	2.981	3.016	0.035
10	243	2.958	3.013	0.055
10	244	2.949	2.999	0.050
30	141	2.967	3.006	0.039
30	144	2.963	2.990	0.028
30	145	2.966	3.008	0.042
30	146	2.956	3.007	0.051
30	147	2.949	2.990	0.041
30	132	2.968	3.016	0.048
30	133	2.974	3.003	0.030
30	135	2.955	3.013	0.058
30	245	2.946	3.009	0.064
30	246	2.948	2.988	0.041
50	67	2.960	3.006	0.046
50	68	2.966	2.987	0.021
50	69	2.964	3.007	0.042
50	71	2.964	3.020	0.056
50	72	2.942	2.996	0.053
50	172	2.973	2.976	0.002
50	173	2.973	3.014	0.041
50	174	2.967	3.010	0.043
50	183	2.972	3.008	0.036
50	186	2.961	3.019	0.057
100	95	2.956	3.013	0.057
100	102	2.958	3.010	0.052
100	104	2.954	3.014	0.060
100	105	2.963	2.980	0.018
100	106	2.948	3.033	0.085
100	178	2.962	3.005	0.043
100	179	2.951	3.012	0.060
100	180	2.954	3.012	0.058
100	181	2.967	3.015	0.049
100	182	2.958	2.996	0.038
Max		2.997	3.033	0.085
Average		2.961	3.008	0.046
Min		2.941	2.976	0.000
Std Dev		0.011	0.011	0.015



115.2 Rise Time L	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	7.5
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	2.997	3.005	2.999	2.988	2.976	2.980
Average	2.997	3.011	3.011	3.003	3.004	3.009
Max	2.997	3.021	3.028	3.016	3.020	3.033
UL	7.500	7.500	7.500	7.500	7.500	7.500

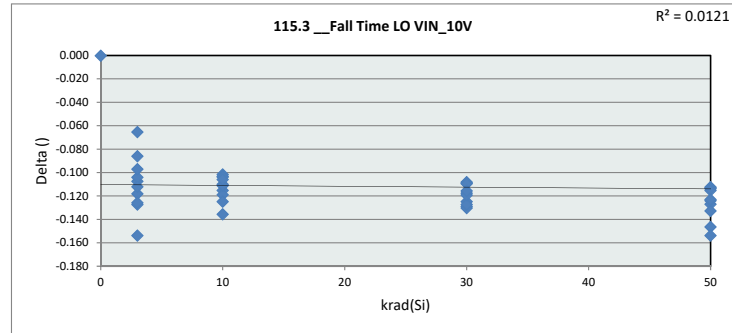


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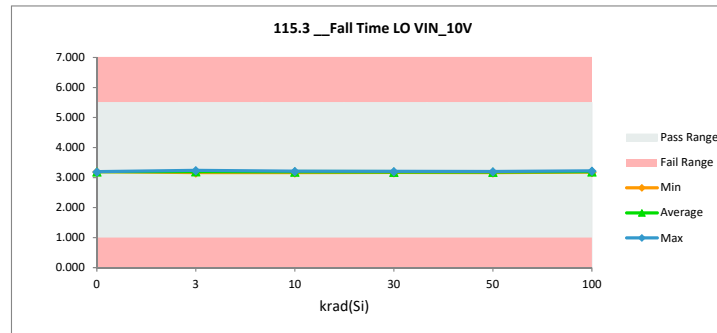
115.3 Fall Time LO VIN_10V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	5.5	5.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	3.197	3.197	0.000
3	58	3.284	3.199	-0.086
3	59	3.301	3.194	-0.107
3	60	3.301	3.197	-0.104
3	61	3.314	3.196	-0.118
3	62	3.315	3.188	-0.127
3	134	3.331	3.205	-0.125
3	137	3.321	3.209	-0.112
3	138	3.307	3.210	-0.097
3	139	3.304	3.239	-0.065
3	236	3.319	3.166	-0.153
10	63	3.306	3.191	-0.115
10	64	3.302	3.192	-0.110
10	65	3.265	3.163	-0.101
10	66	3.293	3.174	-0.119
10	150	3.312	3.209	-0.103
10	237	3.313	3.178	-0.135
10	241	3.313	3.210	-0.103
10	242	3.326	3.201	-0.125
10	243	3.306	3.195	-0.111
10	244	3.293	3.187	-0.106
30	141	3.317	3.189	-0.129
30	144	3.300	3.176	-0.125
30	145	3.311	3.181	-0.130
30	146	3.294	3.186	-0.108
30	147	3.282	3.173	-0.109
30	132	3.316	3.207	-0.109
30	133	3.325	3.198	-0.127
30	135	3.312	3.195	-0.117
30	245	3.295	3.176	-0.119
30	246	3.286	3.171	-0.115
50	67	3.310	3.198	-0.112
50	68	3.323	3.177	-0.146
50	69	3.319	3.165	-0.154
50	71	3.311	3.198	-0.113
50	72	3.288	3.174	-0.113
50	172	3.314	3.187	-0.127
50	173	3.310	3.195	-0.115
50	174	3.311	3.179	-0.132
50	183	3.316	3.192	-0.124
50	186	3.307	3.185	-0.123
100	95	3.289	3.204	-0.085
100	102	3.309	3.202	-0.107
100	104	3.310	3.197	-0.113
100	105	3.307	3.178	-0.129
100	106	3.302	3.221	-0.081
100	178	3.319	3.181	-0.138
100	179	3.293	3.194	-0.098
100	180	3.311	3.218	-0.093
100	181	3.320	3.185	-0.135
100	182	3.303	3.187	-0.117
Max		3.331	3.239	0.000
Average		3.305	3.192	-0.113
Min		3.197	3.163	-0.154
Std Dev		0.020	0.015	0.024



115.3 Fall Time LO VIN_10V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.197	3.166	3.163	3.171	3.165	3.178
Average	3.197	3.200	3.190	3.185	3.185	3.197
Max	3.197	3.239	3.210	3.207	3.199	3.222
UL	5.500	5.500	5.500	5.500	5.500	5.500

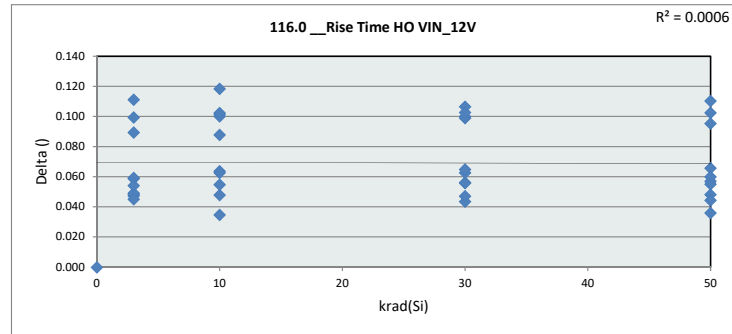


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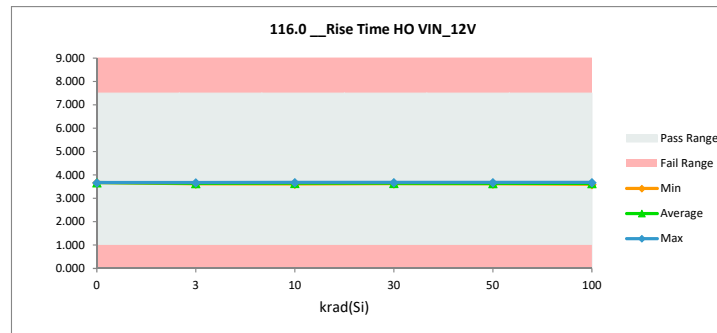
116.0 Rise Time HO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	7.5	7.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.675	3.675	0.000
3	58	3.569	3.616	0.047
3	59	3.565	3.676	0.111
3	60	3.566	3.665	0.099
3	61	3.577	3.626	0.049
3	62	3.579	3.669	0.089
3	134	3.585	3.634	0.049
3	137	3.572	3.631	0.059
3	138	3.578	3.638	0.059
3	139	3.572	3.626	0.054
3	236	3.573	3.618	0.045
10	63	3.581	3.682	0.102
10	64	3.566	3.630	0.064
10	65	3.549	3.667	0.118
10	66	3.571	3.619	0.048
10	150	3.577	3.678	0.100
10	237	3.579	3.614	0.035
10	241	3.576	3.639	0.063
10	242	3.577	3.680	0.102
10	243	3.572	3.660	0.088
10	244	3.560	3.615	0.055
30	141	3.573	3.673	0.099
30	144	3.583	3.683	0.100
30	145	3.576	3.632	0.056
30	146	3.576	3.683	0.107
30	147	3.568	3.624	0.056
30	132	3.569	3.632	0.063
30	133	3.581	3.624	0.044
30	135	3.580	3.628	0.047
30	245	3.561	3.626	0.065
30	246	3.579	3.682	0.103
50	67	3.567	3.615	0.048
50	68	3.574	3.618	0.044
50	69	3.580	3.675	0.095
50	71	3.581	3.617	0.036
50	72	3.564	3.675	0.110
50	172	3.578	3.635	0.057
50	173	3.563	3.628	0.066
50	174	3.574	3.677	0.103
50	183	3.579	3.639	0.060
50	186	3.580	3.635	0.055
100	95	3.569	3.626	0.057
100	102	3.580	3.678	0.098
100	104	3.574	3.660	0.087
100	105	3.572	3.599	0.027
100	106	3.575	3.627	0.052
100	178	3.583	3.639	0.056
100	179	3.556	3.619	0.062
100	180	3.567	3.673	0.106
100	181	3.561	3.629	0.068
100	182	3.567	3.617	0.050
Max		3.675	3.683	0.118
Average		3.575	3.644	0.069
Min		3.549	3.599	0.000
Std Dev		0.016	0.025	0.027



116.0 Rise Time HO VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.675	3.616	3.614	3.624	3.616	3.599
Average	3.675	3.640	3.648	3.649	3.641	3.637
Max	3.675	3.676	3.682	3.683	3.677	3.678
UL	7.500	7.500	7.500	7.500	7.500	7.500

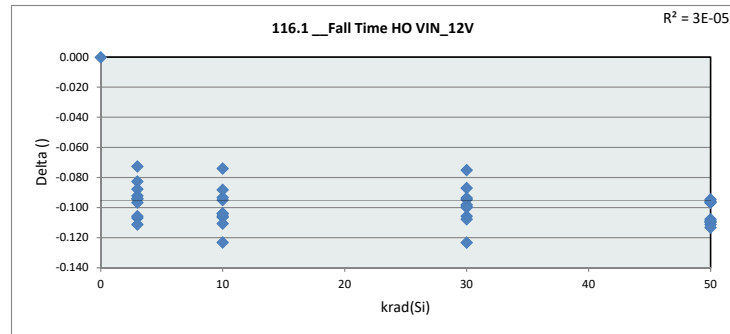


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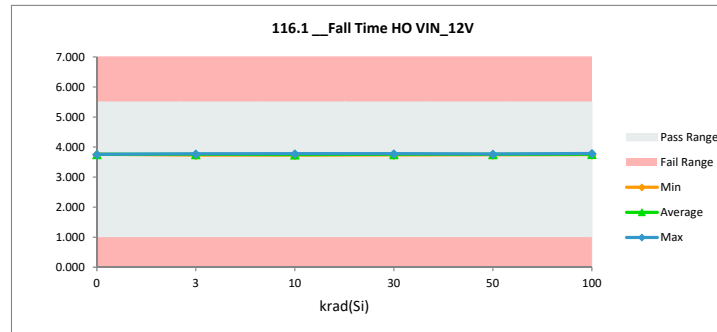
116.1 Fall Time HO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	5.5	5.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.758	3.758	0.000
3	58	3.838	3.756	-0.082
3	59	3.846	3.774	-0.072
3	60	3.852	3.764	-0.088
3	61	3.853	3.761	-0.092
3	62	3.857	3.764	-0.094
3	134	3.863	3.756	-0.107
3	137	3.845	3.751	-0.094
3	138	3.861	3.755	-0.105
3	139	3.853	3.756	-0.097
3	236	3.842	3.731	-0.111
10	63	3.853	3.779	-0.074
10	64	3.846	3.741	-0.105
10	65	3.834	3.739	-0.095
10	66	3.845	3.739	-0.106
10	150	3.854	3.750	-0.104
10	237	3.853	3.731	-0.123
10	241	3.859	3.755	-0.104
10	242	3.849	3.756	-0.093
10	243	3.843	3.756	-0.088
10	244	3.853	3.742	-0.110
30	141	3.853	3.759	-0.095
30	144	3.862	3.769	-0.093
30	145	3.853	3.747	-0.105
30	146	3.853	3.778	-0.075
30	147	3.846	3.747	-0.099
30	132	3.861	3.753	-0.108
30	133	3.861	3.738	-0.123
30	135	3.849	3.751	-0.098
30	245	3.850	3.750	-0.100
30	246	3.851	3.764	-0.087
50	67	3.840	3.744	-0.096
50	68	3.859	3.751	-0.108
50	69	3.863	3.769	-0.094
50	71	3.852	3.756	-0.097
50	72	3.855	3.760	-0.095
50	172	3.862	3.753	-0.110
50	173	3.856	3.746	-0.111
50	174	3.857	3.748	-0.109
50	183	3.875	3.767	-0.109
50	186	3.868	3.755	-0.113
100	95	3.849	3.753	-0.096
100	102	3.853	3.779	-0.074
100	104	3.853	3.770	-0.082
100	105	3.857	3.752	-0.105
100	106	3.855	3.788	-0.067
100	178	3.854	3.744	-0.110
100	179	3.843	3.766	-0.077
100	180	3.849	3.763	-0.086
100	181	3.842	3.749	-0.093
100	182	3.848	3.744	-0.104
Max		3.875	3.788	0.000
Average		3.851	3.755	-0.095
Min		3.758	3.731	-0.123
Std Dev		0.015	0.012	0.019



116.1 Fall Time HO VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.758	3.731	3.731	3.738	3.744	3.744
Average	3.758	3.757	3.749	3.756	3.755	3.761
Max	3.758	3.774	3.779	3.778	3.769	3.788
UL	5.500	5.500	5.500	5.500	5.500	5.500

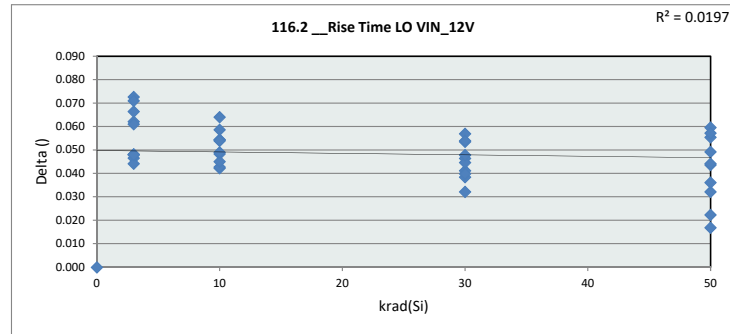


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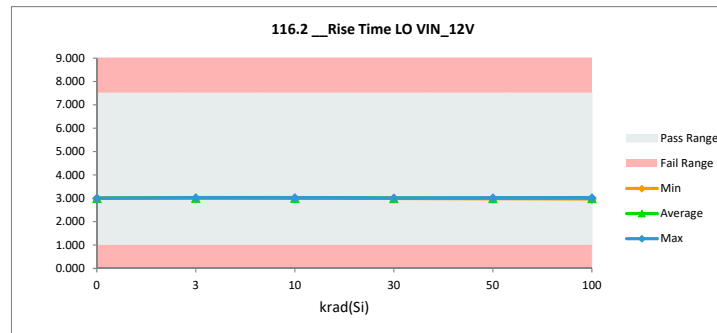
116.2 Rise Time LO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	7.5	7.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.007	3.007	0.000
3	58	2.953	3.015	0.062
3	59	2.958	3.019	0.061
3	60	2.942	3.015	0.073
3	61	2.965	3.013	0.048
3	62	2.957	3.003	0.047
3	134	2.982	3.030	0.048
3	137	2.962	3.029	0.067
3	138	2.961	3.032	0.071
3	139	2.967	3.011	0.044
3	236	2.964	3.012	0.048
10	63	2.951	3.005	0.054
10	64	2.957	3.006	0.048
10	65	2.939	2.994	0.054
10	66	2.941	3.005	0.064
10	150	2.973	3.015	0.042
10	237	2.962	3.005	0.043
10	241	2.972	3.030	0.059
10	242	2.983	3.028	0.045
10	243	2.955	3.009	0.054
10	244	2.950	2.999	0.049
30	141	2.967	3.013	0.046
30	144	2.961	2.993	0.032
30	145	2.967	3.008	0.041
30	146	2.955	3.012	0.057
30	147	2.947	3.000	0.054
30	132	2.965	3.004	0.039
30	133	2.974	3.014	0.040
30	135	2.954	2.999	0.045
30	245	2.952	3.006	0.054
30	246	2.949	2.997	0.048
50	67	2.952	3.012	0.060
50	68	2.971	2.994	0.022
50	69	2.960	2.992	0.032
50	71	2.959	3.008	0.049
50	72	2.949	2.993	0.044
50	172	2.965	2.982	0.017
50	173	2.967	3.022	0.056
50	174	2.959	2.995	0.036
50	183	2.972	3.016	0.044
50	186	2.966	3.023	0.057
100	95	2.948	3.003	0.055
100	102	2.948	2.998	0.050
100	104	2.960	2.999	0.039
100	105	2.967	2.971	0.004
100	106	2.949	3.032	0.083
100	178	2.964	3.009	0.045
100	179	2.949	3.008	0.059
100	180	2.954	3.022	0.067
100	181	2.970	3.003	0.033
100	182	2.955	2.984	0.029
Max		3.007	3.032	0.083
Average		2.960	3.008	0.047
Min		2.939	2.971	0.000
Std Dev		0.012	0.013	0.016



116.2 Rise Time L	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	7.5
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.007	3.003	2.994	2.993	2.982	2.971
Average	3.007	3.018	3.010	3.005	3.004	3.003
Max	3.007	3.032	3.031	3.014	3.023	3.032
UL	7.500	7.500	7.500	7.500	7.500	7.500

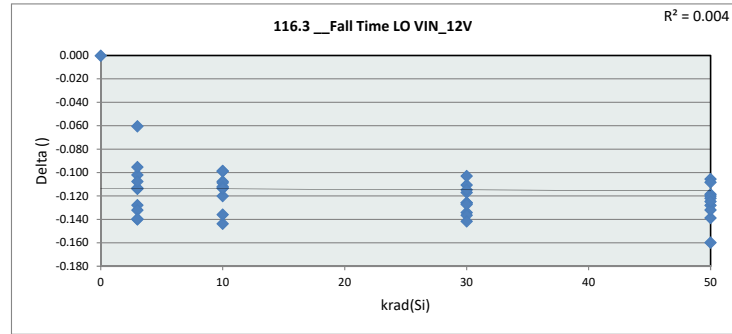


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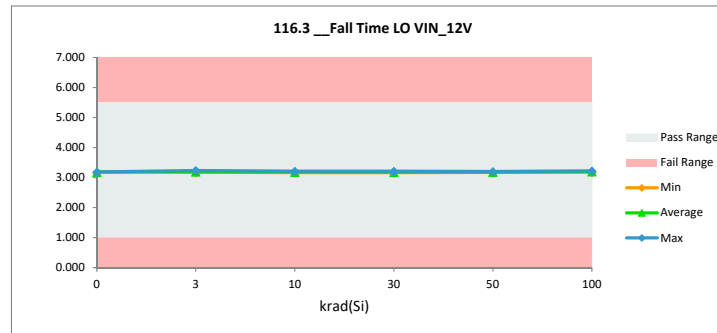
116.3 Fall Time LO VIN_12V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	5.5	5.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.184	3.184	0.000
3	58	3.295	3.194	-0.102
3	59	3.306	3.193	-0.114
3	60	3.303	3.190	-0.113
3	61	3.319	3.191	-0.128
3	62	3.315	3.183	-0.132
3	134	3.336	3.196	-0.140
3	137	3.312	3.205	-0.107
3	138	3.300	3.205	-0.095
3	139	3.297	3.237	-0.060
3	236	3.311	3.171	-0.139
10	63	3.306	3.199	-0.107
10	64	3.304	3.184	-0.120
10	65	3.272	3.174	-0.099
10	66	3.283	3.175	-0.109
10	150	3.311	3.213	-0.098
10	237	3.307	3.164	-0.143
10	241	3.313	3.200	-0.113
10	242	3.326	3.190	-0.136
10	243	3.298	3.187	-0.112
10	244	3.295	3.181	-0.113
30	141	3.315	3.181	-0.134
30	144	3.306	3.170	-0.136
30	145	3.310	3.185	-0.125
30	146	3.294	3.183	-0.110
30	147	3.282	3.166	-0.117
30	132	3.315	3.212	-0.103
30	133	3.326	3.185	-0.141
30	135	3.312	3.197	-0.115
30	245	3.299	3.173	-0.125
30	246	3.292	3.165	-0.127
50	67	3.309	3.190	-0.118
50	68	3.331	3.171	-0.160
50	69	3.314	3.175	-0.139
50	71	3.307	3.202	-0.105
50	72	3.279	3.171	-0.108
50	172	3.318	3.190	-0.128
50	173	3.311	3.191	-0.120
50	174	3.312	3.181	-0.132
50	183	3.314	3.192	-0.122
50	186	3.315	3.191	-0.125
100	95	3.297	3.192	-0.104
100	102	3.305	3.202	-0.103
100	104	3.310	3.201	-0.110
100	105	3.315	3.178	-0.138
100	106	3.298	3.220	-0.078
100	178	3.314	3.187	-0.127
100	179	3.299	3.200	-0.099
100	180	3.316	3.222	-0.094
100	181	3.324	3.196	-0.128
100	182	3.309	3.187	-0.121
Max		3.336	3.237	0.000
Average		3.305	3.190	-0.115
Min		3.184	3.164	-0.160
Std Dev		0.021	0.015	0.024



116.3 Fall Time LO VIN_12V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.184	3.172	3.164	3.165	3.171	3.178
Average	3.184	3.196	3.187	3.182	3.185	3.198
Max	3.184	3.237	3.213	3.212	3.202	3.222
UL	5.500	5.500	5.500	5.500	5.500	5.500

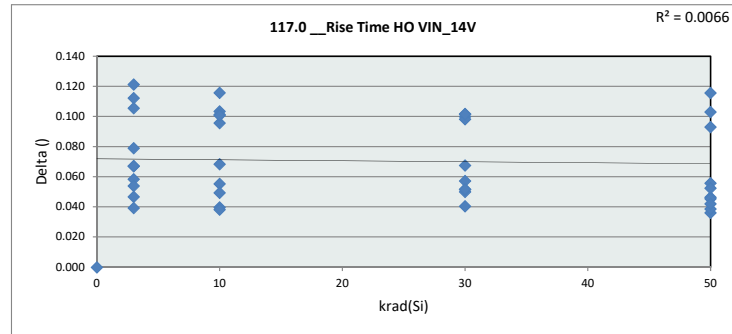


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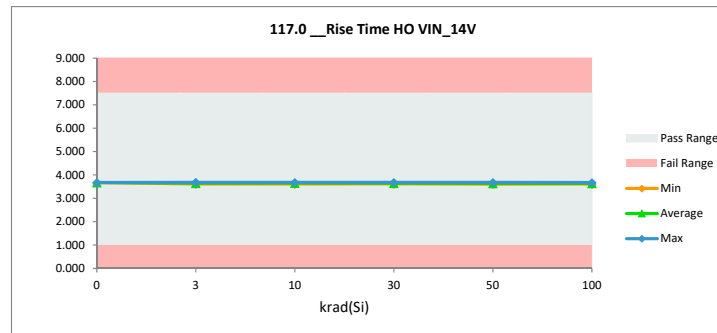
117.0 Rise Time HO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	7.5	7.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.675	3.675	0.000
3	58	3.571	3.630	0.059
3	59	3.563	3.685	0.121
3	60	3.564	3.676	0.112
3	61	3.582	3.629	0.047
3	62	3.578	3.684	0.106
3	134	3.579	3.646	0.067
3	137	3.568	3.647	0.079
3	138	3.579	3.646	0.067
3	139	3.574	3.614	0.039
3	236	3.570	3.624	0.054
10	63	3.578	3.682	0.104
10	64	3.572	3.627	0.055
10	65	3.558	3.674	0.116
10	66	3.573	3.613	0.040
10	150	3.579	3.675	0.096
10	237	3.585	3.623	0.038
10	241	3.578	3.647	0.069
10	242	3.579	3.681	0.101
10	243	3.575	3.676	0.101
10	244	3.560	3.609	0.049
30	141	3.575	3.674	0.100
30	144	3.580	3.682	0.102
30	145	3.574	3.624	0.050
30	146	3.578	3.676	0.098
30	147	3.566	3.634	0.068
30	132	3.571	3.623	0.052
30	133	3.576	3.634	0.057
30	135	3.580	3.621	0.040
30	245	3.569	3.621	0.052
30	246	3.580	3.682	0.102
50	67	3.570	3.625	0.056
50	68	3.573	3.609	0.036
50	69	3.584	3.677	0.093
50	71	3.579	3.626	0.046
50	72	3.566	3.682	0.116
50	172	3.582	3.621	0.039
50	173	3.570	3.623	0.053
50	174	3.578	3.681	0.103
50	183	3.581	3.627	0.046
50	186	3.589	3.632	0.042
100	95	3.572	3.634	0.062
100	102	3.577	3.676	0.100
100	104	3.575	3.661	0.086
100	105	3.578	3.614	0.036
100	106	3.574	3.632	0.057
100	178	3.578	3.641	0.062
100	179	3.566	3.612	0.046
100	180	3.571	3.677	0.105
100	181	3.569	3.633	0.065
100	182	3.566	3.615	0.049
Max		3.675	3.685	0.121
Average		3.576	3.646	0.069
Min		3.558	3.609	0.000
Std Dev		0.016	0.027	0.028



117.0 Rise Time H	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	7.5
Min Limit	1

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.676	3.614	3.610	3.621	3.609	3.612
Average	3.676	3.648	3.651	3.647	3.640	3.640
Max	3.676	3.685	3.682	3.682	3.682	3.677
UL	7.500	7.500	7.500	7.500	7.500	7.500

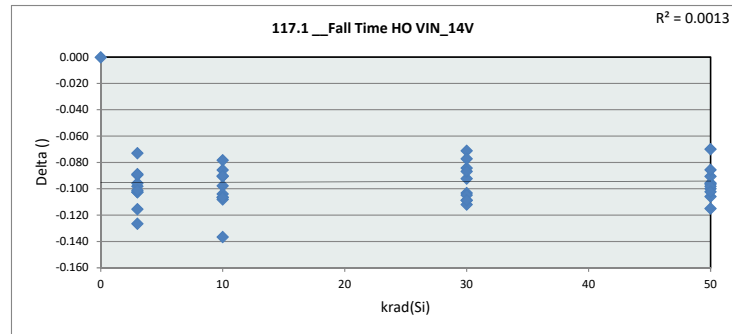


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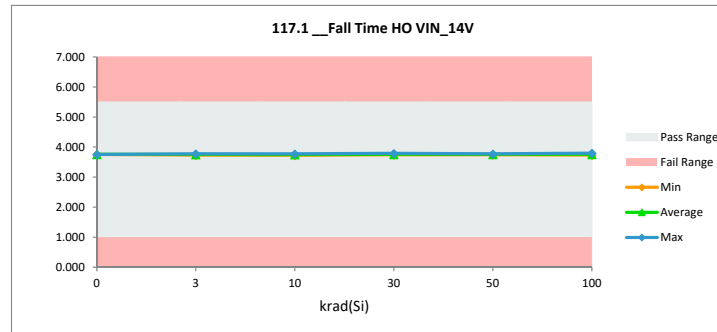
117.1_Fall Time HO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	5.5	5.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.755	3.755	0.000
3	58	3.841	3.743	-0.098
3	59	3.843	3.754	-0.089
3	60	3.851	3.755	-0.096
3	61	3.850	3.748	-0.102
3	62	3.849	3.776	-0.073
3	134	3.872	3.757	-0.115
3	137	3.845	3.757	-0.089
3	138	3.861	3.759	-0.102
3	139	3.851	3.750	-0.101
3	236	3.855	3.729	-0.126
10	63	3.864	3.774	-0.090
10	64	3.846	3.749	-0.097
10	65	3.833	3.755	-0.078
10	66	3.848	3.744	-0.104
10	150	3.854	3.768	-0.086
10	237	3.862	3.726	-0.136
10	241	3.855	3.747	-0.108
10	242	3.847	3.741	-0.106
10	243	3.843	3.753	-0.090
10	244	3.849	3.743	-0.106
30	141	3.848	3.756	-0.092
30	144	3.866	3.782	-0.084
30	145	3.853	3.744	-0.109
30	146	3.858	3.787	-0.071
30	147	3.844	3.757	-0.087
30	132	3.856	3.753	-0.103
30	133	3.859	3.747	-0.112
30	135	3.848	3.743	-0.105
30	245	3.851	3.742	-0.108
30	246	3.852	3.774	-0.077
50	67	3.842	3.747	-0.095
50	68	3.855	3.741	-0.115
50	69	3.854	3.757	-0.096
50	71	3.853	3.753	-0.100
50	72	3.840	3.771	-0.070
50	172	3.855	3.764	-0.090
50	173	3.857	3.760	-0.098
50	174	3.852	3.767	-0.085
50	183	3.861	3.756	-0.106
50	186	3.867	3.765	-0.102
100	95	3.862	3.760	-0.102
100	102	3.854	3.786	-0.068
100	104	3.845	3.749	-0.096
100	105	3.844	3.733	-0.111
100	106	3.846	3.799	-0.048
100	178	3.864	3.739	-0.125
100	179	3.842	3.752	-0.090
100	180	3.855	3.782	-0.073
100	181	3.844	3.753	-0.091
100	182	3.848	3.737	-0.111
Max		3.872	3.799	0.000
Average		3.850	3.756	-0.094
Min		3.755	3.726	-0.136
Std Dev		0.016	0.015	0.021



117.1_Fall Time HO VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.755	3.729	3.726	3.742	3.741	3.733
Average	3.755	3.753	3.750	3.759	3.758	3.759
Max	3.755	3.776	3.774	3.788	3.771	3.799
UL	5.500	5.500	5.500	5.500	5.500	5.500

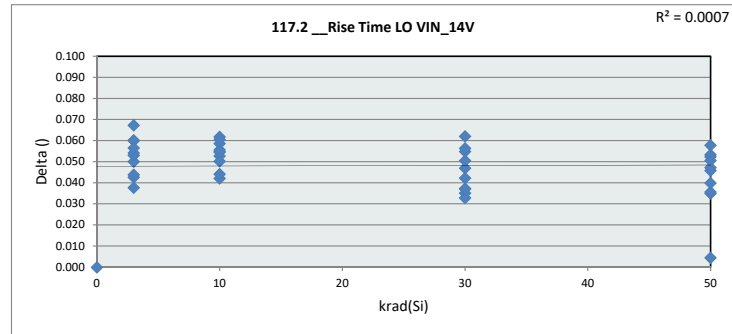


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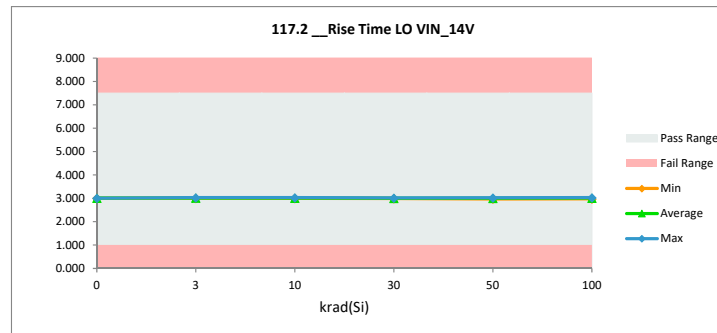
117.2 Rise Time LO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	7.5	7.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	3.009	3.009	0.000
3	58	2.956	3.006	0.050
3	59	2.966	3.019	0.053
3	60	2.950	3.005	0.054
3	61	2.959	3.019	0.060
3	62	2.949	3.009	0.060
3	134	2.981	3.019	0.038
3	137	2.964	3.021	0.057
3	138	2.961	3.029	0.067
3	139	2.969	3.012	0.043
3	236	2.961	3.005	0.044
10	63	2.957	3.016	0.059
10	64	2.950	3.012	0.062
10	65	2.940	3.001	0.061
10	66	2.944	2.999	0.055
10	150	2.971	3.026	0.056
10	237	2.956	2.998	0.042
10	241	2.971	3.024	0.053
10	242	2.984	3.028	0.044
10	243	2.958	3.013	0.055
10	244	2.952	3.003	0.050
30	141	2.967	3.002	0.035
30	144	2.963	2.996	0.033
30	145	2.963	3.000	0.037
30	146	2.955	3.002	0.047
30	147	2.944	2.994	0.051
30	132	2.961	3.016	0.055
30	133	2.975	3.012	0.037
30	135	2.954	3.010	0.056
30	245	2.948	3.010	0.062
30	246	2.949	2.991	0.042
50	67	2.955	3.002	0.047
50	68	2.964	2.999	0.035
50	69	2.964	3.000	0.036
50	71	2.959	3.017	0.058
50	72	2.941	2.995	0.053
50	172	2.970	2.974	0.004
50	173	2.971	3.023	0.052
50	174	2.959	3.004	0.046
50	183	2.970	3.010	0.040
50	186	2.958	3.009	0.051
100	95	2.955	3.013	0.057
100	102	2.953	3.008	0.054
100	104	2.951	3.008	0.056
100	105	2.961	2.977	0.016
100	106	2.942	3.032	0.090
100	178	2.957	3.012	0.055
100	179	2.946	3.012	0.066
100	180	2.954	3.014	0.060
100	181	2.972	3.009	0.037
100	182	2.961	2.990	0.029
Max		3.009	3.032	0.090
Average		2.960	3.008	0.048
Min		2.940	2.974	0.000
Std Dev		0.012	0.012	0.015



117.2 Rise Time L		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	7.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.009	3.005	2.998	2.992	2.975	2.978
Average	3.009	3.014	3.012	3.003	3.003	3.007
Max	3.009	3.029	3.028	3.016	3.023	3.032
UL	7.500	7.500	7.500	7.500	7.500	7.500

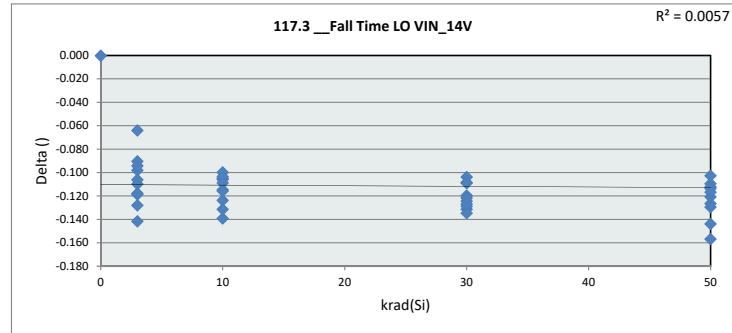


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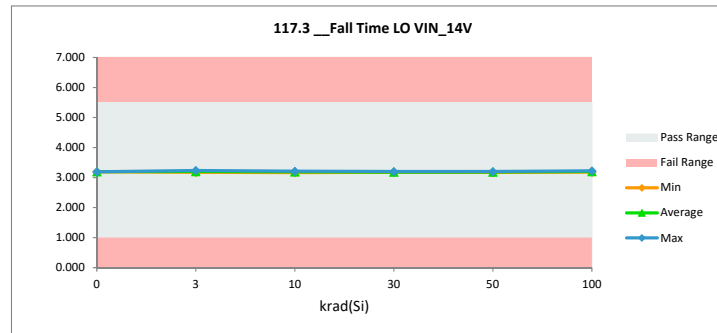
117.3 Fall Time LO VIN_14V		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	5.5	5.5
Min Limit	1	1

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	3.193	3.193	0.000
3	58	3.289	3.198	-0.090
3	59	3.303	3.193	-0.109
3	60	3.295	3.197	-0.098
3	61	3.317	3.198	-0.118
3	62	3.307	3.190	-0.118
3	134	3.336	3.208	-0.128
3	137	3.317	3.211	-0.106
3	138	3.306	3.212	-0.094
3	139	3.299	3.235	-0.064
3	236	3.316	3.175	-0.141
10	63	3.307	3.183	-0.123
10	64	3.297	3.192	-0.105
10	65	3.266	3.166	-0.100
10	66	3.291	3.176	-0.115
10	150	3.313	3.207	-0.106
10	237	3.312	3.173	-0.139
10	241	3.312	3.209	-0.103
10	242	3.332	3.201	-0.131
10	243	3.306	3.191	-0.115
10	244	3.294	3.185	-0.109
30	141	3.311	3.186	-0.124
30	144	3.306	3.175	-0.131
30	145	3.311	3.182	-0.128
30	146	3.291	3.188	-0.104
30	147	3.283	3.174	-0.109
30	132	3.311	3.203	-0.108
30	133	3.330	3.196	-0.134
30	135	3.313	3.186	-0.127
30	245	3.293	3.174	-0.119
30	246	3.293	3.172	-0.122
50	67	3.303	3.194	-0.109
50	68	3.329	3.172	-0.157
50	69	3.312	3.168	-0.144
50	71	3.303	3.201	-0.102
50	72	3.288	3.176	-0.112
50	172	3.311	3.182	-0.129
50	173	3.306	3.193	-0.113
50	174	3.306	3.179	-0.126
50	183	3.312	3.191	-0.121
50	186	3.308	3.192	-0.116
100	95	3.289	3.204	-0.086
100	102	3.302	3.202	-0.100
100	104	3.309	3.203	-0.106
100	105	3.309	3.180	-0.129
100	106	3.300	3.222	-0.078
100	178	3.321	3.182	-0.139
100	179	3.291	3.194	-0.097
100	180	3.306	3.216	-0.091
100	181	3.321	3.194	-0.127
100	182	3.311	3.190	-0.122
Max		3.336	3.235	0.000
Average		3.304	3.192	-0.112
Min		3.193	3.166	-0.157
Std Dev		0.020	0.015	0.024



117.3 Fall Time LO VIN_14V		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	5.5	
Min Limit	1	

krad(Si)	0	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.193	3.175	3.166	3.172	3.168	3.180
Average	3.193	3.202	3.188	3.184	3.185	3.199
Max	3.193	3.235	3.209	3.203	3.201	3.222
UL	5.500	5.500	5.500	5.500	5.500	5.500

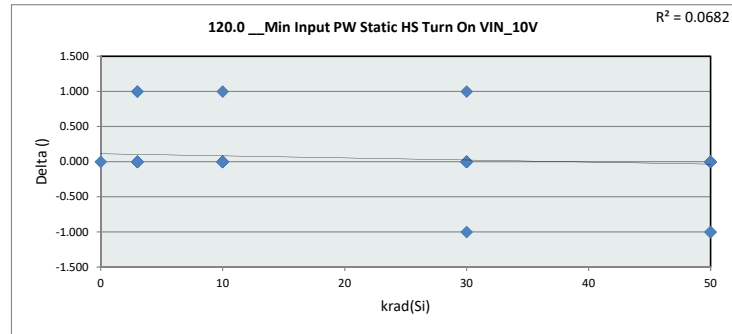


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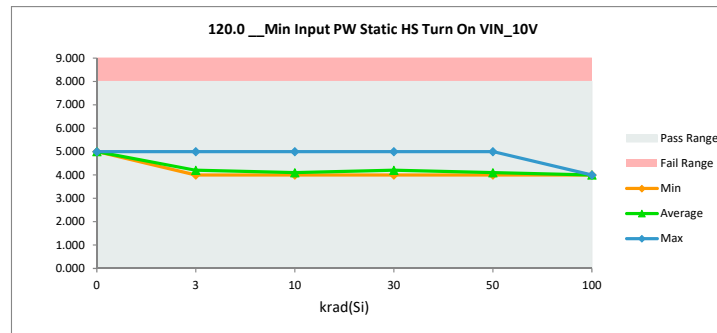
120.0 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	5.000	5.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	5.000	1.000
3	134	4.000	4.000	0.000
3	137	4.000	4.000	0.000
3	138	4.000	5.000	1.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	4.000	5.000	1.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	5.000	4.000	-1.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	5.000	5.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	5.000	1.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	4.000	4.000	0.000
50	68	4.000	4.000	0.000
50	69	5.000	4.000	-1.000
50	71	5.000	5.000	0.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	5.000	4.000	-1.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	5.000	4.000	-1.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		5.000	5.000	1.000
Average		4.137	4.137	0.000
Min		4.000	4.000	-1.000
Std Dev		0.348	0.348	0.400



120.0 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.000	4.000	4.000	4.000	4.000	4.000
Average	5.000	4.200	4.100	4.200	4.100	4.000
Max	5.000	5.000	5.000	5.000	5.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000

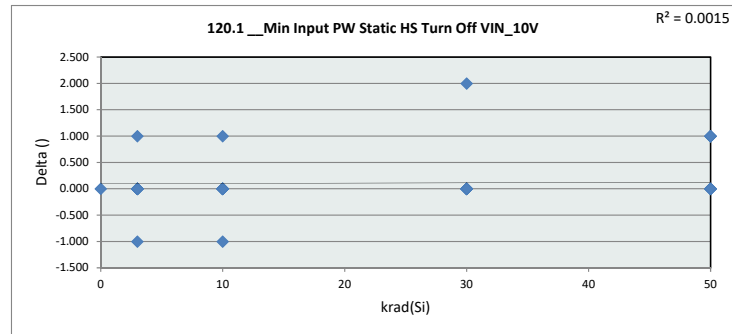


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

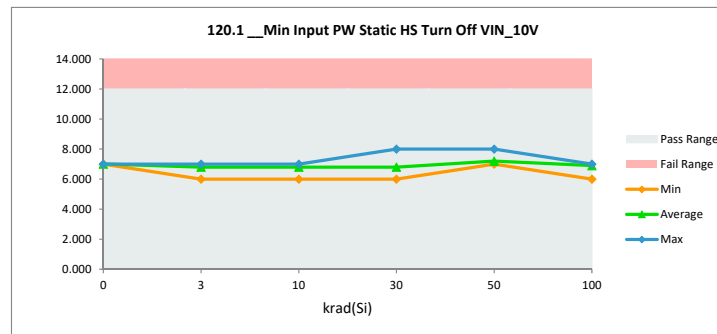
120.1 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	7.000	7.000	0.000
3	58	7.000	7.000	0.000
3	59	7.000	7.000	0.000
3	60	6.000	7.000	1.000
3	61	7.000	7.000	0.000
3	62	7.000	7.000	0.000
3	134	7.000	7.000	0.000
3	137	7.000	7.000	0.000
3	138	7.000	7.000	0.000
3	139	6.000	6.000	0.000
3	236	7.000	6.000	-1.000
10	63	7.000	7.000	0.000
10	64	7.000	7.000	0.000
10	65	6.000	6.000	0.000
10	66	7.000	7.000	0.000
10	150	7.000	7.000	0.000
10	237	7.000	6.000	-1.000
10	241	6.000	7.000	1.000
10	242	7.000	7.000	0.000
10	243	7.000	7.000	0.000
10	244	7.000	7.000	0.000
30	141	7.000	7.000	0.000
30	144	7.000	7.000	0.000
30	145	7.000	7.000	0.000
30	146	7.000	7.000	0.000
30	147	6.000	6.000	0.000
30	132	7.000	7.000	0.000
30	133	6.000	6.000	0.000
30	135	6.000	8.000	2.000
30	245	7.000	7.000	0.000
30	246	6.000	6.000	0.000
50	67	7.000	7.000	0.000
50	68	7.000	7.000	0.000
50	69	7.000	7.000	0.000
50	71	7.000	8.000	1.000
50	72	6.000	7.000	1.000
50	172	7.000	7.000	0.000
50	173	6.000	7.000	1.000
50	174	7.000	7.000	0.000
50	183	6.000	7.000	1.000
50	186	8.000	8.000	0.000
100	95	7.000	7.000	0.000
100	102	7.000	7.000	0.000
100	104	6.000	6.000	0.000
100	105	7.000	7.000	0.000
100	106	7.000	7.000	0.000
100	178	7.000	7.000	0.000
100	179	7.000	7.000	0.000
100	180	7.000	7.000	0.000
100	181	7.000	7.000	0.000
100	182	7.000	7.000	0.000
Max		8.000	8.000	2.000
Average		6.784	6.902	0.118
Min		6.000	6.000	-1.000
Std Dev		0.461	0.458	0.475



120.1 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	12	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.000	6.000	6.000	6.000	7.000	6.000
Average	7.000	6.800	6.800	6.800	7.200	6.900
Max	7.000	7.000	7.000	8.000	8.000	7.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

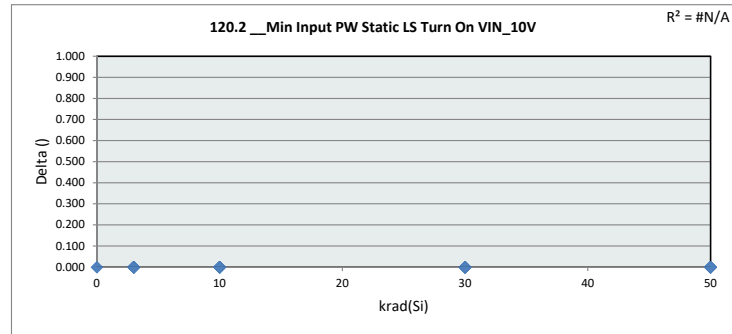


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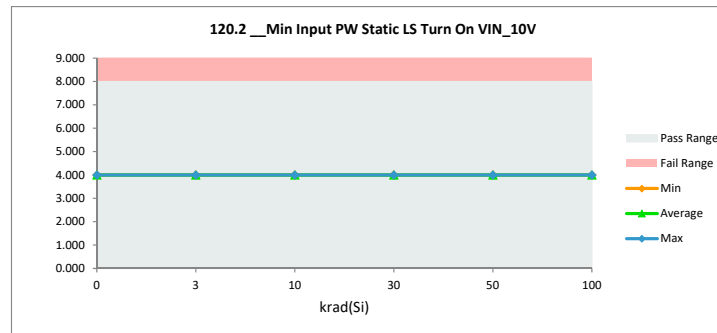
120.2 Min Input PW Static LS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	4.000	4.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	4.000	0.000
3	134	4.000	4.000	0.000
3	137	4.000	4.000	0.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	4.000	4.000	0.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	4.000	4.000	0.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	4.000	4.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	4.000	0.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	4.000	4.000	0.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	4.000	4.000	0.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	4.000	4.000	0.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	4.000	4.000	0.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		4.000	4.000	0.000
Average		4.000	4.000	0.000
Min		4.000	4.000	0.000
Std Dev		0.000	0.000	0.000



120.2 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.000	4.000	4.000	4.000	4.000	4.000
Average	4.000	4.000	4.000	4.000	4.000	4.000
Max	4.000	4.000	4.000	4.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000

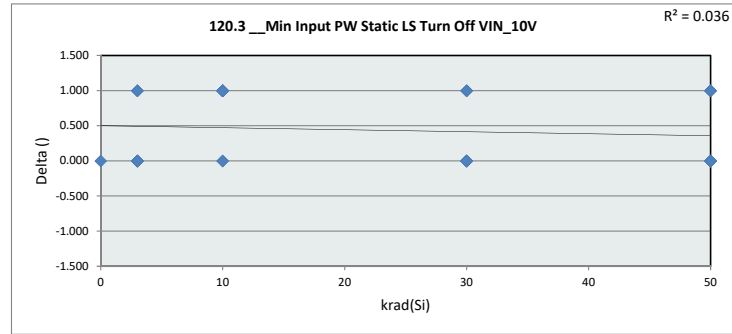


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TPS7H6003-SP (5962R2220101VXC)

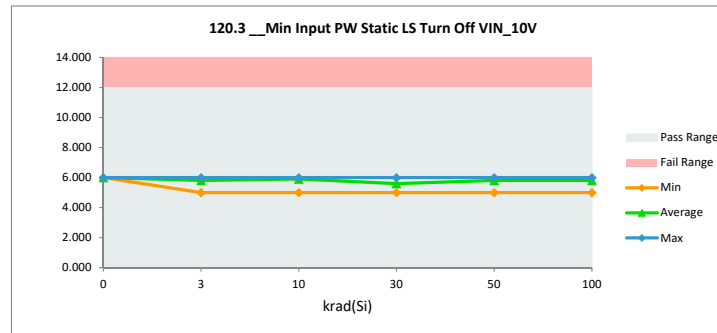
120.3 Min Input PW Static LS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	6.000	6.000	0.000
3	58	5.000	6.000	1.000
3	59	6.000	6.000	0.000
3	60	6.000	6.000	0.000
3	61	6.000	6.000	0.000
3	62	5.000	6.000	1.000
3	134	5.000	6.000	1.000
3	137	6.000	6.000	0.000
3	138	6.000	6.000	0.000
3	139	5.000	6.000	0.000
3	236	5.000	5.000	0.000
10	63	5.000	6.000	1.000
10	64	6.000	6.000	0.000
10	65	5.000	6.000	1.000
10	66	5.000	6.000	1.000
10	150	5.000	6.000	1.000
10	237	5.000	5.000	0.000
10	241	5.000	6.000	1.000
10	242	5.000	6.000	1.000
10	243	5.000	6.000	1.000
10	244	5.000	6.000	1.000
30	141	5.000	5.000	0.000
30	144	6.000	6.000	0.000
30	145	5.000	5.000	0.000
30	146	5.000	6.000	1.000
30	147	5.000	5.000	0.000
30	132	6.000	6.000	0.000
30	133	5.000	5.000	0.000
30	135	5.000	6.000	1.000
30	245	6.000	6.000	0.000
30	246	5.000	6.000	1.000
50	67	5.000	6.000	1.000
50	68	5.000	6.000	1.000
50	69	6.000	6.000	0.000
50	71	5.000	5.000	0.000
50	72	5.000	6.000	1.000
50	172	5.000	5.000	0.000
50	173	6.000	6.000	0.000
50	174	6.000	6.000	0.000
50	183	5.000	6.000	1.000
50	186	6.000	6.000	0.000
100	95	5.000	6.000	1.000
100	102	5.000	5.000	0.000
100	104	6.000	6.000	0.000
100	105	5.000	6.000	1.000
100	106	6.000	6.000	0.000
100	178	6.000	5.000	-1.000
100	179	6.000	6.000	0.000
100	180	6.000	6.000	0.000
100	181	6.000	6.000	0.000
100	182	5.000	6.000	1.000
Max		6.000	6.000	1.000
Average		5.392	5.784	0.392
Min		5.000	5.000	-1.000
Std Dev		0.493	0.415	0.532



120.3 Min Input P	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.000	5.000	5.000	5.000	5.000	5.000
Average	6.000	5.800	5.900	5.600	5.800	5.800
Max	6.000	6.000	6.000	6.000	6.000	6.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

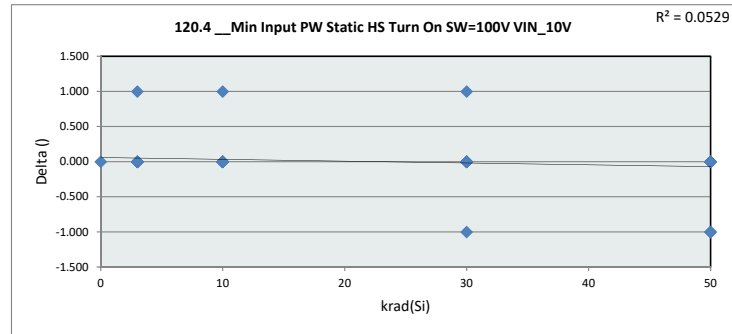


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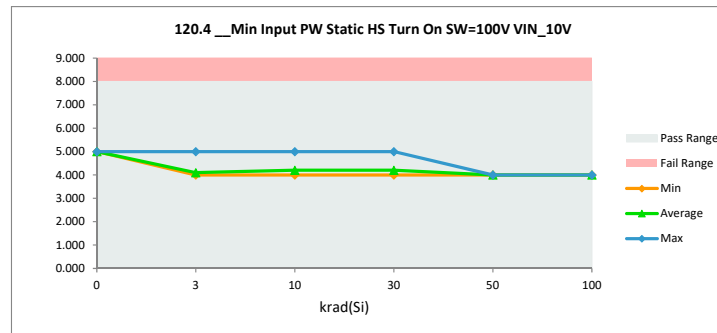
120.4 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)'ST_Combo (rpt)	Delta
0	Ctrl	5.000	5.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	5.000	1.000
3	134	4.000	4.000	0.000
3	137	4.000	4.000	0.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	5.000	1.000
10	242	4.000	4.000	0.000
10	243	5.000	5.000	0.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	5.000	4.000	-1.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	5.000	5.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	5.000	1.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	5.000	4.000	-1.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	5.000	4.000	-1.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	5.000	4.000	-1.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	5.000	4.000	-1.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		5.000	5.000	1.000
Average		4.157	4.118	-0.039
Min		4.000	4.000	-1.000
Std Dev		0.367	0.325	0.398



120.4 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.000	4.000	4.000	4.000	4.000	4.000
Average	5.000	4.100	4.200	4.200	4.000	4.000
Max	5.000	5.000	5.000	5.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000

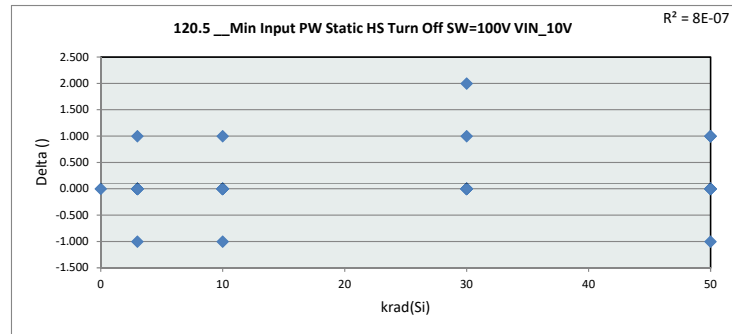


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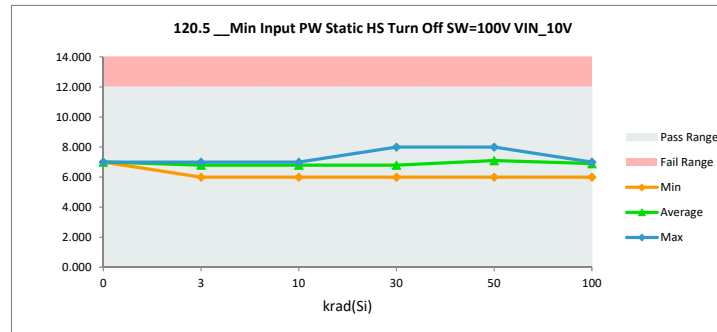
TPS7H6003-SP (5962R2220101VXC)

120.5 __Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	7.000	7.000	0.000
3	58	7.000	7.000	0.000
3	59	7.000	7.000	0.000
3	60	6.000	7.000	1.000
3	61	7.000	7.000	0.000
3	62	7.000	7.000	0.000
3	134	7.000	7.000	0.000
3	137	7.000	7.000	0.000
3	138	7.000	7.000	0.000
3	139	6.000	6.000	0.000
3	236	7.000	6.000	-1.000
10	63	7.000	7.000	0.000
10	64	7.000	7.000	0.000
10	65	6.000	6.000	0.000
10	66	7.000	7.000	0.000
10	150	7.000	7.000	0.000
10	237	7.000	6.000	-1.000
10	241	6.000	7.000	1.000
10	242	7.000	7.000	0.000
10	243	7.000	7.000	0.000
10	244	7.000	7.000	0.000
30	141	7.000	7.000	0.000
30	144	7.000	7.000	0.000
30	145	7.000	7.000	0.000
30	146	6.000	7.000	1.000
30	147	6.000	6.000	0.000
30	132	7.000	7.000	0.000
30	133	6.000	6.000	0.000
30	135	6.000	8.000	2.000
30	245	7.000	7.000	0.000
30	246	6.000	6.000	0.000
50	67	7.000	7.000	0.000
50	68	7.000	7.000	0.000
50	69	7.000	7.000	0.000
50	71	7.000	8.000	1.000
50	72	6.000	7.000	1.000
50	172	7.000	7.000	0.000
50	173	6.000	7.000	1.000
50	174	7.000	7.000	0.000
50	183	7.000	6.000	-1.000
50	186	8.000	8.000	0.000
100	95	7.000	7.000	0.000
100	102	7.000	7.000	0.000
100	104	6.000	6.000	0.000
100	105	7.000	7.000	0.000
100	106	7.000	7.000	0.000
100	178	7.000	7.000	0.000
100	179	7.000	7.000	0.000
100	180	7.000	7.000	0.000
100	181	7.000	7.000	0.000
100	182	7.000	7.000	0.000
Max		8.000	8.000	2.000
Average		6.784	6.882	0.098
Min		6.000	6.000	-1.000
Std Dev		0.461	0.475	0.500



120.5 __Min Input PW Static HS Turn Off SW=100V VIN_10V						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	12					
Min Limit	0					
krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.000	6.000	6.000	6.000	6.000	6.000
Average	7.000	6.800	6.800	6.800	7.100	6.900
Max	7.000	7.000	7.000	8.000	8.000	7.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

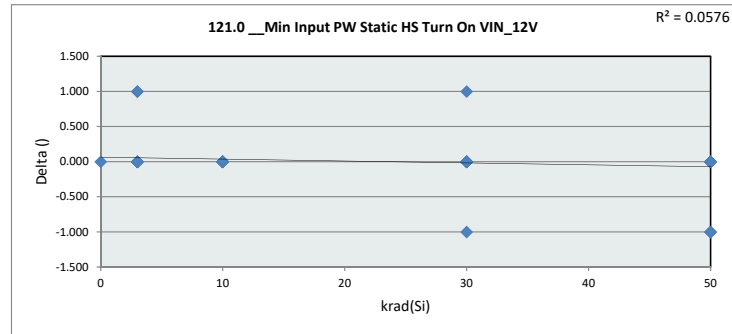


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TPS7H6003-SP (5962R2220101VXC)

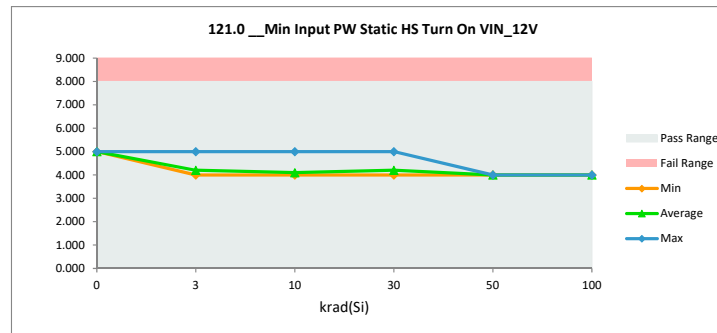
121.0 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.000	5.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	5.000	1.000
3	134	4.000	4.000	0.000
3	137	4.000	4.000	0.000
3	138	4.000	5.000	1.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	5.000	5.000	0.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	5.000	4.000	-1.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	5.000	5.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	5.000	1.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	5.000	4.000	-1.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	5.000	4.000	-1.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	5.000	4.000	-1.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	5.000	4.000	-1.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		5.000	5.000	1.000
Average		4.157	4.118	-0.039
Min		4.000	4.000	-1.000
Std Dev		0.367	0.325	0.398



121.0 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.000	4.000	4.000	4.000	4.000	4.000
Average	5.000	4.200	4.100	4.200	4.000	4.000
Max	5.000	5.000	5.000	5.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000

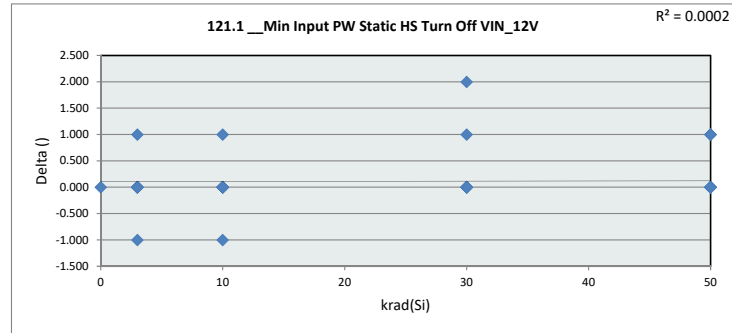


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

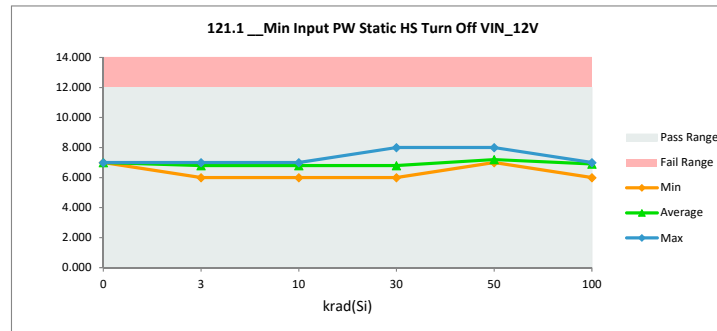
121.1 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	7.000	7.000	0.000
3	58	7.000	7.000	0.000
3	59	7.000	7.000	0.000
3	60	6.000	7.000	1.000
3	61	7.000	7.000	0.000
3	62	7.000	7.000	0.000
3	134	7.000	7.000	0.000
3	137	7.000	7.000	0.000
3	138	7.000	7.000	0.000
3	139	6.000	6.000	0.000
3	236	7.000	6.000	-1.000
10	63	7.000	7.000	0.000
10	64	7.000	7.000	0.000
10	65	6.000	6.000	0.000
10	66	7.000	7.000	0.000
10	150	7.000	7.000	0.000
10	237	7.000	6.000	-1.000
10	241	6.000	7.000	1.000
10	242	7.000	7.000	0.000
10	243	7.000	7.000	0.000
10	244	7.000	7.000	0.000
30	141	7.000	7.000	0.000
30	144	7.000	7.000	0.000
30	145	7.000	7.000	0.000
30	146	6.000	7.000	1.000
30	147	6.000	6.000	0.000
30	132	7.000	7.000	0.000
30	133	6.000	6.000	0.000
30	135	6.000	8.000	2.000
30	245	7.000	7.000	0.000
30	246	6.000	6.000	0.000
50	67	7.000	7.000	0.000
50	68	7.000	7.000	0.000
50	69	7.000	7.000	0.000
50	71	8.000	8.000	0.000
50	72	6.000	7.000	1.000
50	172	7.000	7.000	0.000
50	173	6.000	7.000	1.000
50	174	7.000	7.000	0.000
50	183	6.000	7.000	1.000
50	186	8.000	8.000	0.000
100	95	7.000	7.000	0.000
100	102	7.000	7.000	0.000
100	104	6.000	6.000	0.000
100	105	7.000	7.000	0.000
100	106	7.000	7.000	0.000
100	178	7.000	7.000	0.000
100	179	7.000	7.000	0.000
100	180	7.000	7.000	0.000
100	181	7.000	7.000	0.000
100	182	7.000	7.000	0.000
Max		8.000	8.000	2.000
Average		6.784	6.902	0.118
Min		6.000	6.000	-1.000
Std Dev		0.503	0.458	0.475



121.1 Min Input P	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.000	6.000	6.000	6.000	7.000	6.000
Average	7.000	6.800	6.800	6.800	7.200	6.900
Max	7.000	7.000	7.000	8.000	8.000	7.000
UL	12.000	12.000	12.000	12.000	12.000	12.000



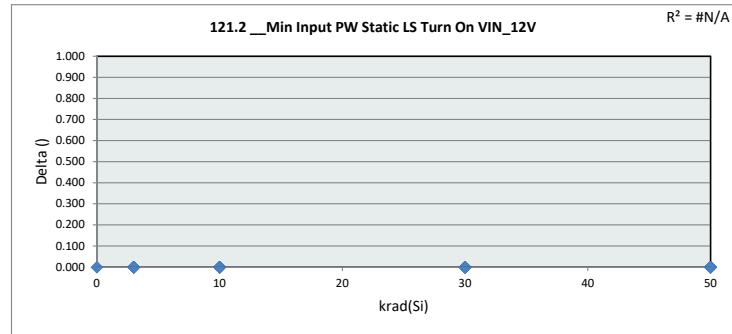
TID HDR Report

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121.2 Min Input PW Static LS

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

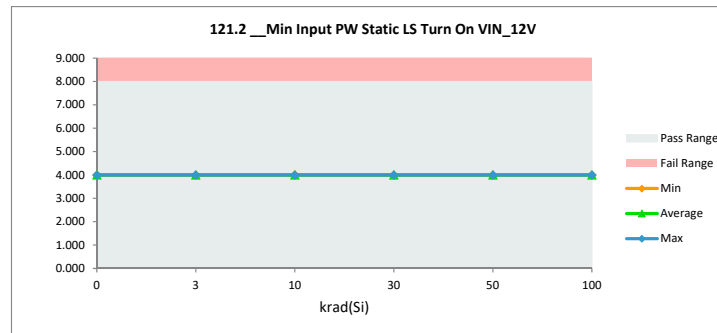
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	4.000	4.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	4.000	0.000
3	134	4.000	4.000	0.000
3	137	4.000	4.000	0.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	4.000	4.000	0.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	4.000	4.000	0.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	4.000	4.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	4.000	0.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	4.000	4.000	0.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	4.000	4.000	0.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	4.000	4.000	0.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	4.000	4.000	0.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		4.000	4.000	0.000
Average		4.000	4.000	0.000
Min		4.000	4.000	0.000
Std Dev		0.000	0.000	0.000



121.2 Min Input P

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	8
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.000	4.000	4.000	4.000	4.000	4.000
Average	4.000	4.000	4.000	4.000	4.000	4.000
Max	4.000	4.000	4.000	4.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000



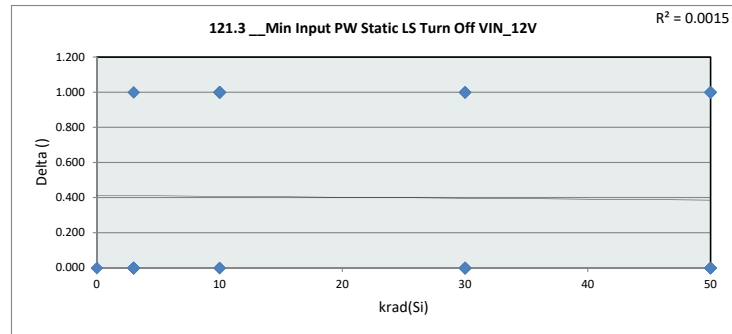
TID HDR Report

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121.3 Min Input PW Static LS

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

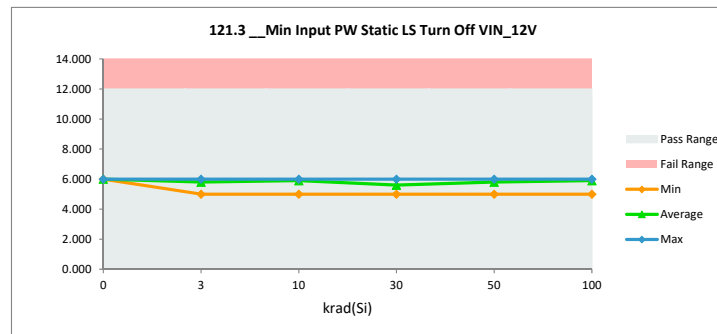
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	6.000	6.000	0.000
3	58	5.000	6.000	1.000
3	59	6.000	6.000	0.000
3	60	6.000	6.000	0.000
3	61	6.000	6.000	0.000
3	62	6.000	6.000	0.000
3	134	6.000	6.000	0.000
3	137	6.000	6.000	0.000
3	138	6.000	6.000	0.000
3	139	5.000	5.000	0.000
3	236	5.000	5.000	0.000
10	63	5.000	6.000	1.000
10	64	6.000	6.000	0.000
10	65	5.000	6.000	1.000
10	66	5.000	6.000	1.000
10	150	5.000	6.000	1.000
10	237	5.000	5.000	0.000
10	241	5.000	6.000	1.000
10	242	5.000	6.000	1.000
10	243	5.000	6.000	1.000
10	244	5.000	6.000	1.000
30	141	5.000	5.000	0.000
30	144	6.000	6.000	0.000
30	145	5.000	5.000	0.000
30	146	5.000	6.000	1.000
30	147	5.000	5.000	0.000
30	132	6.000	6.000	0.000
30	133	5.000	5.000	0.000
30	135	5.000	6.000	1.000
30	245	6.000	6.000	0.000
30	246	5.000	6.000	1.000
50	67	5.000	6.000	1.000
50	68	5.000	6.000	1.000
50	69	5.000	6.000	1.000
50	71	5.000	5.000	0.000
50	72	5.000	6.000	1.000
50	172	5.000	5.000	0.000
50	173	6.000	6.000	0.000
50	174	6.000	6.000	0.000
50	183	5.000	6.000	1.000
50	186	6.000	6.000	0.000
100	95	5.000	6.000	1.000
100	102	5.000	5.000	0.000
100	104	6.000	6.000	0.000
100	105	5.000	6.000	1.000
100	106	6.000	6.000	0.000
100	178	6.000	6.000	0.000
100	179	6.000	6.000	0.000
100	180	6.000	6.000	0.000
100	181	6.000	6.000	0.000
100	182	5.000	6.000	1.000
Max		6.000	6.000	1.000
Average		5.412	5.804	0.392
Min		5.000	5.000	0.000
Std Dev		0.497	0.401	0.493



121.3 Min Input P

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.000	5.000	5.000	5.000	5.000	5.000
Average	6.000	5.800	5.900	5.600	5.800	5.900
Max	6.000	6.000	6.000	6.000	6.000	6.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

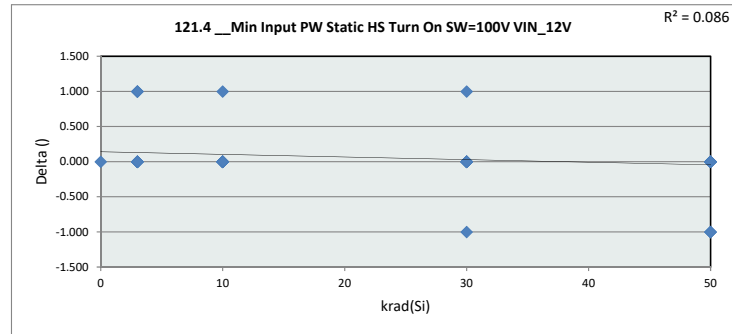


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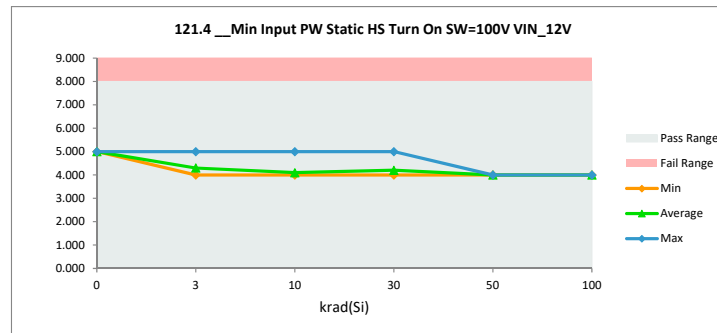
121.4 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	5.000	5.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	5.000	1.000
3	134	4.000	5.000	1.000
3	137	4.000	5.000	1.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	4.000	5.000	1.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	5.000	4.000	-1.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	5.000	5.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	5.000	1.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	5.000	4.000	-1.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	5.000	4.000	-1.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	5.000	4.000	-1.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	5.000	4.000	-1.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		5.000	5.000	1.000
Average		4.137	4.137	0.000
Min		4.000	4.000	-1.000
Std Dev		0.348	0.348	0.447



121.4 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.000	4.000	4.000	4.000	4.000	4.000
Average	5.000	4.300	4.100	4.200	4.000	4.000
Max	5.000	5.000	5.000	5.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000



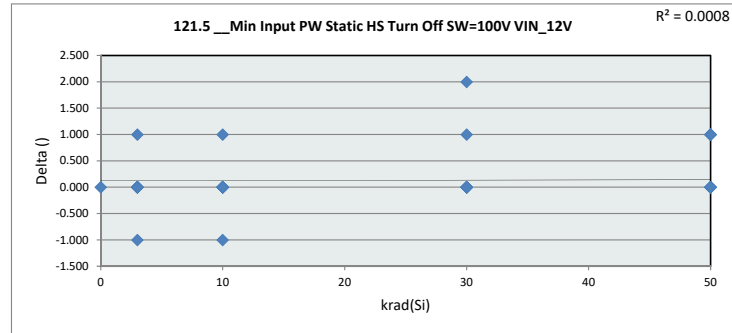
TID HDR Report

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121.5 Min Input PW Static HS

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

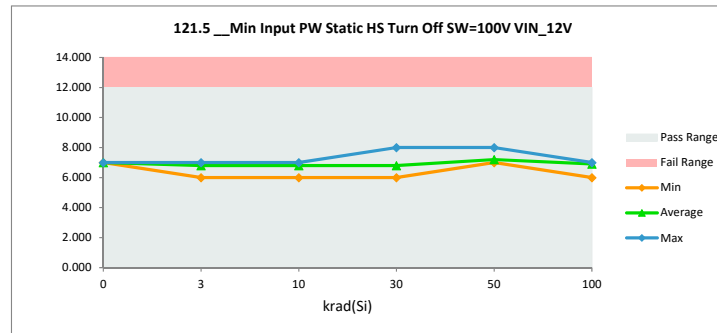
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	7.000	7.000	0.000
3	58	7.000	7.000	0.000
3	59	7.000	7.000	0.000
3	60	6.000	7.000	1.000
3	61	7.000	7.000	0.000
3	62	7.000	7.000	0.000
3	134	7.000	7.000	0.000
3	137	7.000	7.000	0.000
3	138	7.000	7.000	0.000
3	139	6.000	6.000	0.000
3	236	7.000	6.000	-1.000
10	63	7.000	7.000	0.000
10	64	7.000	7.000	0.000
10	65	6.000	6.000	0.000
10	66	7.000	7.000	0.000
10	150	7.000	7.000	0.000
10	237	7.000	6.000	-1.000
10	241	6.000	7.000	1.000
10	242	7.000	7.000	0.000
10	243	7.000	7.000	0.000
10	244	7.000	7.000	0.000
30	141	6.000	7.000	1.000
30	144	7.000	7.000	0.000
30	145	7.000	7.000	0.000
30	146	7.000	7.000	0.000
30	147	6.000	6.000	0.000
30	132	7.000	7.000	0.000
30	133	6.000	6.000	0.000
30	135	6.000	8.000	2.000
30	245	7.000	7.000	0.000
30	246	6.000	6.000	0.000
50	67	7.000	7.000	0.000
50	68	7.000	7.000	0.000
50	69	7.000	7.000	0.000
50	71	7.000	8.000	1.000
50	72	6.000	7.000	1.000
50	172	7.000	7.000	0.000
50	173	6.000	7.000	1.000
50	174	7.000	7.000	0.000
50	183	6.000	7.000	1.000
50	186	8.000	8.000	0.000
100	95	7.000	7.000	0.000
100	102	7.000	7.000	0.000
100	104	6.000	6.000	0.000
100	105	7.000	7.000	0.000
100	106	7.000	7.000	0.000
100	178	7.000	7.000	0.000
100	179	7.000	7.000	0.000
100	180	7.000	7.000	0.000
100	181	7.000	7.000	0.000
100	182	7.000	7.000	0.000
Max		8.000	8.000	2.000
Average		6.765	6.902	0.137
Min		6.000	6.000	-1.000
Std Dev		0.473	0.458	0.491



121.5 Min Input P

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.000	6.000	6.000	6.000	7.000	6.000
Average	7.000	6.800	6.800	6.800	7.200	6.900
Max	7.000	7.000	7.000	8.000	8.000	7.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

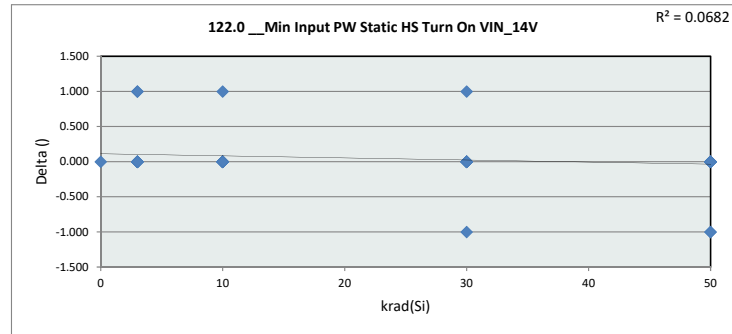


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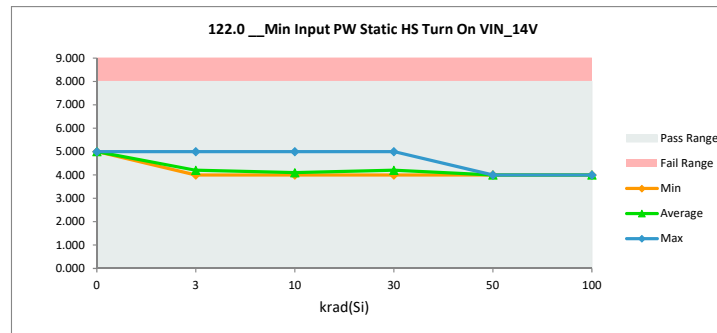
122.0 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	5.000	5.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	5.000	1.000
3	134	4.000	4.000	0.000
3	137	4.000	5.000	1.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	4.000	5.000	1.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	5.000	4.000	-1.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	5.000	5.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	5.000	1.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	5.000	4.000	-1.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	5.000	4.000	-1.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	4.000	4.000	0.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	5.000	4.000	-1.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		5.000	5.000	1.000
Average		4.118	4.118	0.000
Min		4.000	4.000	-1.000
Std Dev		0.325	0.325	0.400



122.0 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.000	4.000	4.000	4.000	4.000	4.000
Average	5.000	4.200	4.100	4.200	4.000	4.000
Max	5.000	5.000	5.000	5.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000



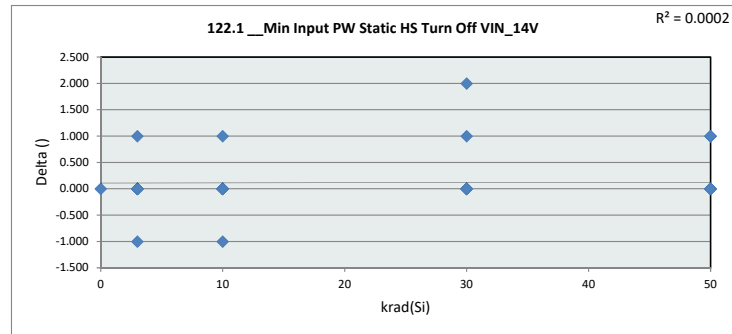
TID HDR Report

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122.1 Min Input PW Static HS

Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

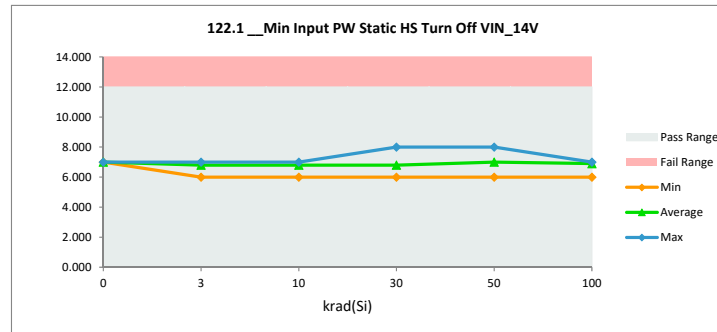
krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	7.000	7.000	0.000
3	58	7.000	7.000	0.000
3	59	7.000	7.000	0.000
3	60	6.000	7.000	1.000
3	61	7.000	7.000	0.000
3	62	7.000	7.000	0.000
3	134	7.000	7.000	0.000
3	137	7.000	7.000	0.000
3	138	7.000	7.000	0.000
3	139	6.000	6.000	0.000
3	236	7.000	6.000	-1.000
10	63	7.000	7.000	0.000
10	64	7.000	7.000	0.000
10	65	6.000	6.000	0.000
10	66	7.000	7.000	0.000
10	150	7.000	7.000	0.000
10	237	7.000	6.000	-1.000
10	241	6.000	7.000	1.000
10	242	7.000	7.000	0.000
10	243	7.000	7.000	0.000
10	244	7.000	7.000	0.000
30	141	7.000	7.000	0.000
30	144	7.000	7.000	0.000
30	145	7.000	7.000	0.000
30	146	6.000	7.000	1.000
30	147	6.000	6.000	0.000
30	132	7.000	7.000	0.000
30	133	6.000	6.000	0.000
30	135	6.000	8.000	2.000
30	245	7.000	7.000	0.000
30	246	6.000	6.000	0.000
50	67	7.000	7.000	0.000
50	68	7.000	7.000	0.000
50	69	6.000	7.000	1.000
50	71	7.000	8.000	1.000
50	72	6.000	7.000	1.000
50	172	7.000	7.000	0.000
50	173	6.000	6.000	0.000
50	174	7.000	7.000	0.000
50	183	6.000	6.000	0.000
50	186	8.000	8.000	0.000
100	95	7.000	7.000	0.000
100	102	7.000	7.000	0.000
100	104	6.000	6.000	0.000
100	105	7.000	7.000	0.000
100	106	7.000	7.000	0.000
100	178	7.000	7.000	0.000
100	179	7.000	7.000	0.000
100	180	7.000	7.000	0.000
100	181	7.000	7.000	0.000
100	182	7.000	7.000	0.000
Max		8.000	8.000	2.000
Average		6.745	6.863	0.118
Min		6.000	6.000	-1.000
Std Dev		0.483	0.491	0.475



122.1 Min Input P

Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.000	6.000	6.000	6.000	6.000	6.000
Average	7.000	6.800	6.800	6.800	7.000	6.900
Max	7.000	7.000	7.000	8.000	8.000	7.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

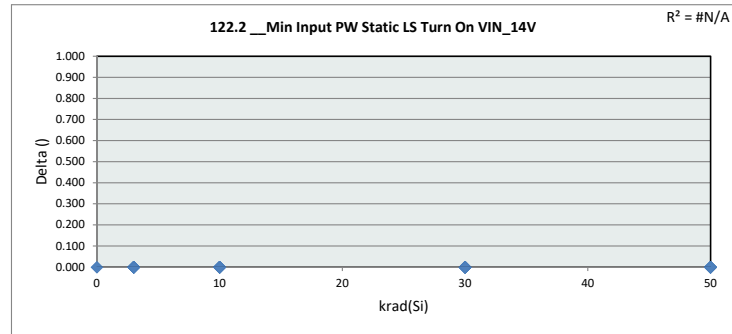


TID HDR Report

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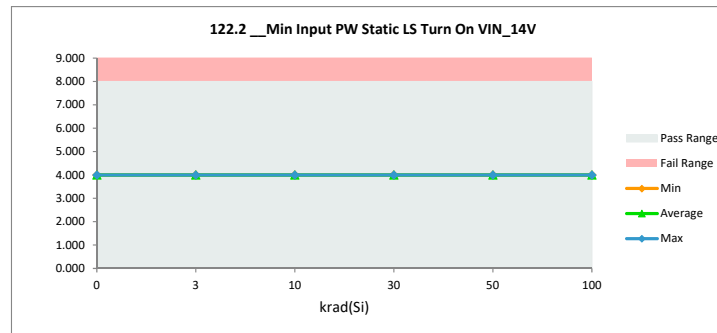
122.2 Min Input PW Static LS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rpt) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	4.000	4.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	4.000	0.000
3	134	4.000	4.000	0.000
3	137	4.000	4.000	0.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	4.000	0.000
10	242	4.000	4.000	0.000
10	243	4.000	4.000	0.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	4.000	4.000	0.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	4.000	4.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	4.000	0.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	4.000	4.000	0.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	4.000	4.000	0.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	4.000	4.000	0.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	4.000	4.000	0.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		4.000	4.000	0.000
Average		4.000	4.000	0.000
Min		4.000	4.000	0.000
Std Dev		0.000	0.000	0.000



122.2 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	4.000	4.000	4.000	4.000	4.000	4.000
Average	4.000	4.000	4.000	4.000	4.000	4.000
Max	4.000	4.000	4.000	4.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000

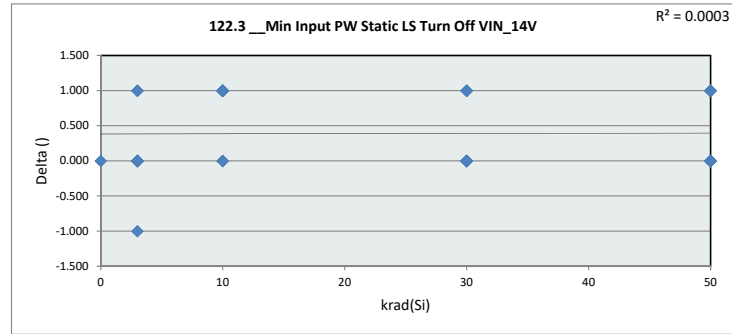


TID HDR Report

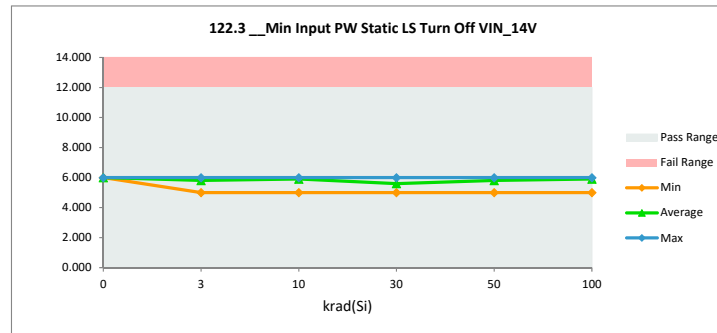
TPS7H6003-SP (5962R2220101VXC)

122.3 Min Input PW Static LS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	6.000	6.000	0.000
3	58	5.000	6.000	1.000
3	59	6.000	6.000	0.000
3	60	6.000	6.000	0.000
3	61	6.000	6.000	0.000
3	62	6.000	6.000	0.000
3	134	5.000	6.000	1.000
3	137	6.000	6.000	0.000
3	138	6.000	6.000	0.000
3	139	5.000	6.000	0.000
3	236	6.000	5.000	-1.000
10	63	5.000	6.000	1.000
10	64	6.000	6.000	0.000
10	65	5.000	6.000	1.000
10	66	5.000	6.000	1.000
10	150	5.000	6.000	1.000
10	237	5.000	5.000	0.000
10	241	5.000	6.000	1.000
10	242	5.000	6.000	1.000
10	243	5.000	6.000	1.000
10	244	5.000	6.000	1.000
30	141	5.000	5.000	0.000
30	144	6.000	6.000	0.000
30	145	5.000	5.000	0.000
30	146	5.000	6.000	1.000
30	147	5.000	5.000	0.000
30	132	6.000	6.000	0.000
30	133	5.000	5.000	0.000
30	135	5.000	6.000	1.000
30	245	6.000	6.000	0.000
30	246	5.000	6.000	1.000
50	67	5.000	6.000	1.000
50	68	5.000	6.000	1.000
50	69	6.000	6.000	0.000
50	71	5.000	5.000	0.000
50	72	5.000	6.000	1.000
50	172	5.000	5.000	0.000
50	173	6.000	6.000	0.000
50	174	6.000	6.000	0.000
50	183	5.000	6.000	1.000
50	186	6.000	6.000	0.000
100	95	5.000	6.000	1.000
100	102	5.000	5.000	0.000
100	104	6.000	6.000	0.000
100	105	5.000	6.000	1.000
100	106	6.000	6.000	0.000
100	178	5.000	6.000	1.000
100	179	6.000	6.000	0.000
100	180	6.000	6.000	0.000
100	181	6.000	6.000	0.000
100	182	5.000	6.000	1.000
Max		6.000	6.000	1.000
Average		5.412	5.804	0.392
Min		5.000	5.000	-1.000
Std Dev		0.497	0.401	0.532



122.3 Min Input P						
Test Site	DAL-FL					
Tester	ETS364					
Test Number	EB672302					
Max Limit	12					
Min Limit	0					
krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.000	5.000	5.000	5.000	5.000	5.000
Average	6.000	5.800	5.900	5.600	5.800	5.900
Max	6.000	6.000	6.000	6.000	6.000	6.000
UL	12.000	12.000	12.000	12.000	12.000	12.000

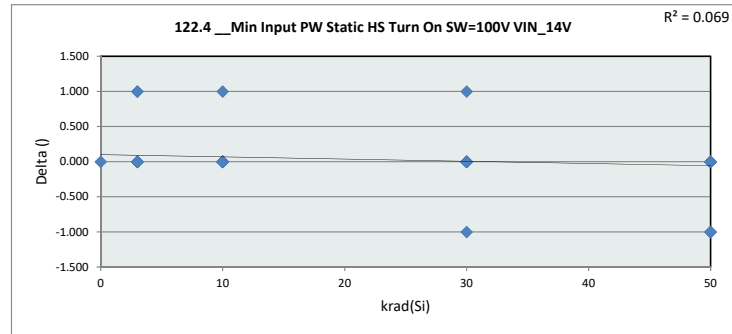


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

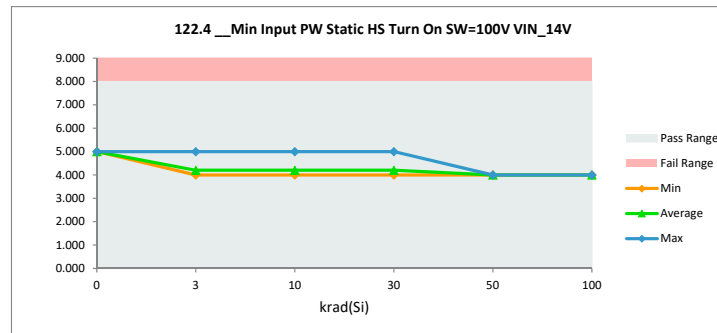
122.4 Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	8	8
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp)	(2)ST_Combo (rpt)	Delta
0	Ctrl	5.000	5.000	0.000
3	58	4.000	4.000	0.000
3	59	4.000	4.000	0.000
3	60	4.000	4.000	0.000
3	61	4.000	4.000	0.000
3	62	4.000	5.000	1.000
3	134	4.000	4.000	0.000
3	137	4.000	5.000	1.000
3	138	4.000	4.000	0.000
3	139	4.000	4.000	0.000
3	236	4.000	4.000	0.000
10	63	4.000	4.000	0.000
10	64	4.000	4.000	0.000
10	65	4.000	4.000	0.000
10	66	4.000	4.000	0.000
10	150	4.000	4.000	0.000
10	237	4.000	4.000	0.000
10	241	4.000	5.000	1.000
10	242	4.000	4.000	0.000
10	243	5.000	5.000	0.000
10	244	4.000	4.000	0.000
30	141	4.000	4.000	0.000
30	144	5.000	4.000	-1.000
30	145	4.000	4.000	0.000
30	146	4.000	4.000	0.000
30	147	4.000	4.000	0.000
30	132	5.000	5.000	0.000
30	133	4.000	4.000	0.000
30	135	4.000	5.000	1.000
30	245	4.000	4.000	0.000
30	246	4.000	4.000	0.000
50	67	5.000	4.000	-1.000
50	68	4.000	4.000	0.000
50	69	4.000	4.000	0.000
50	71	5.000	4.000	-1.000
50	72	4.000	4.000	0.000
50	172	4.000	4.000	0.000
50	173	4.000	4.000	0.000
50	174	4.000	4.000	0.000
50	183	4.000	4.000	0.000
50	186	5.000	4.000	-1.000
100	95	4.000	4.000	0.000
100	102	4.000	4.000	0.000
100	104	4.000	4.000	0.000
100	105	4.000	4.000	0.000
100	106	4.000	4.000	0.000
100	178	4.000	4.000	0.000
100	179	4.000	4.000	0.000
100	180	5.000	4.000	-1.000
100	181	4.000	4.000	0.000
100	182	4.000	4.000	0.000
Max		5.000	5.000	1.000
Average		4.157	4.137	-0.020
Min		4.000	4.000	-1.000
Std Dev		0.367	0.348	0.424



122.4 Min Input P		
Test Site	DAL-FL	
Tester	ETS364	
Test Number	EB672302	
Max Limit	8	
Min Limit	0	

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.000	4.000	4.000	4.000	4.000	4.000
Average	5.000	4.200	4.200	4.200	4.000	4.000
Max	5.000	5.000	5.000	5.000	4.000	4.000
UL	8.000	8.000	8.000	8.000	8.000	8.000

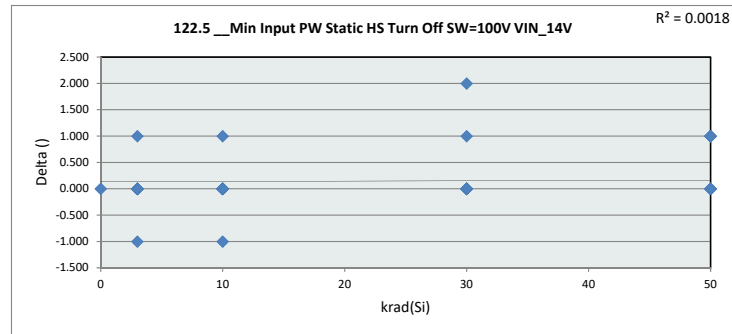


TID HDR Report

TPS7H6003-SP (5962R2220101VXC)

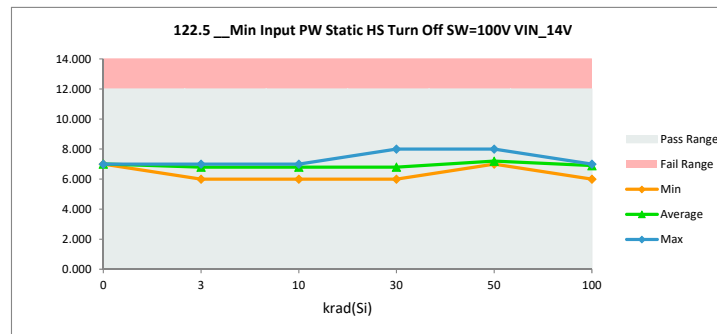
122.5 __Min Input PW Static HS		
Test Site	DAL-FL	DAL-FL
Tester	ETS364	ETS364
Test Number	EB672302	EB672302
Unit	nsec	
Max Limit	12	12
Min Limit	0	0

krad(Si)	Serial #	pre_short (rtp) (2)	ST_Combo (rpt) (	Delta
0	Ctrl	7.000	7.000	0.000
3	58	7.000	7.000	0.000
3	59	7.000	7.000	0.000
3	60	6.000	7.000	1.000
3	61	7.000	7.000	0.000
3	62	7.000	7.000	0.000
3	134	7.000	7.000	0.000
3	137	7.000	7.000	0.000
3	138	7.000	7.000	0.000
3	139	6.000	6.000	0.000
3	236	7.000	6.000	-1.000
10	63	7.000	7.000	0.000
10	64	7.000	7.000	0.000
10	65	6.000	6.000	0.000
10	66	7.000	7.000	0.000
10	150	7.000	7.000	0.000
10	237	7.000	6.000	-1.000
10	241	6.000	7.000	1.000
10	242	7.000	7.000	0.000
10	243	7.000	7.000	0.000
10	244	7.000	7.000	0.000
30	141	7.000	7.000	0.000
30	144	7.000	7.000	0.000
30	145	7.000	7.000	0.000
30	146	6.000	7.000	1.000
30	147	6.000	6.000	0.000
30	132	7.000	7.000	0.000
30	133	6.000	6.000	0.000
30	135	6.000	8.000	2.000
30	245	7.000	7.000	0.000
30	246	6.000	6.000	0.000
50	67	7.000	7.000	0.000
50	68	6.000	7.000	1.000
50	69	7.000	7.000	0.000
50	71	7.000	8.000	1.000
50	72	6.000	7.000	1.000
50	172	7.000	7.000	0.000
50	173	6.000	7.000	1.000
50	174	7.000	7.000	0.000
50	183	6.000	7.000	1.000
50	186	8.000	8.000	0.000
100	95	7.000	7.000	0.000
100	102	7.000	7.000	0.000
100	104	6.000	6.000	0.000
100	105	7.000	7.000	0.000
100	106	7.000	7.000	0.000
100	178	7.000	7.000	0.000
100	179	7.000	7.000	0.000
100	180	7.000	7.000	0.000
100	181	7.000	7.000	0.000
100	182	7.000	7.000	0.000
Max		8.000	8.000	2.000
Average		6.745	6.902	0.157
Min		6.000	6.000	-1.000
Std Dev		0.483	0.458	0.505



122.5 __Min Input P	
Test Site	DAL-FL
Tester	ETS364
Test Number	EB672302
Max Limit	12
Min Limit	0

krad(Si)	0	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.000	6.000	6.000	6.000	7.000	6.000
Average	7.000	6.800	6.800	6.800	7.200	6.900
Max	7.000	7.000	7.000	8.000	8.000	7.000
UL	12.000	12.000	12.000	12.000	12.000	12.000



B Appendix: LDR TID Report

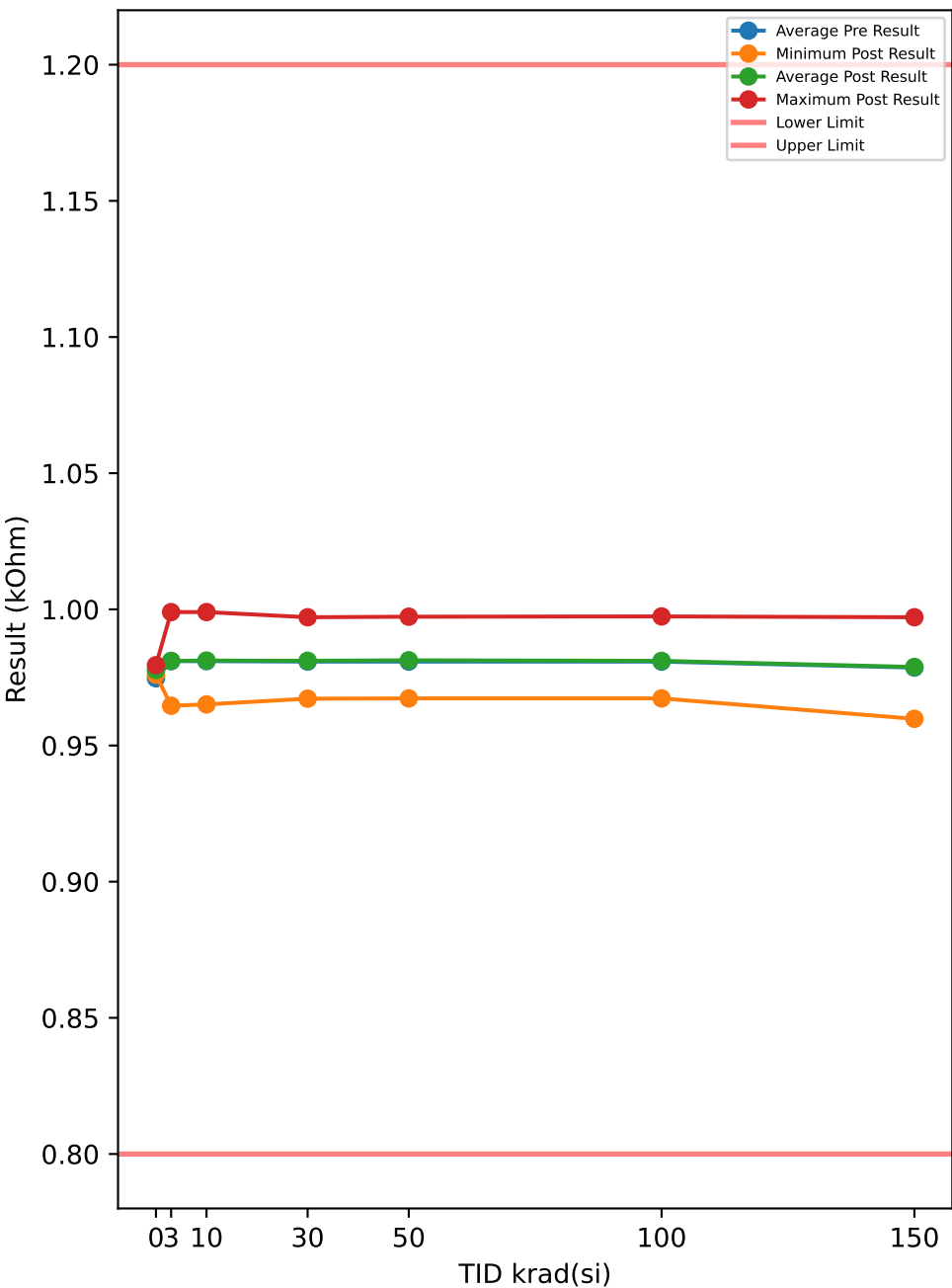
This appendix provides the TPS7H6003-SP LDR TID report data. Note that to display the LDR data properly within the following graphs, the device serial numbers were remapped according to the corresponding testing dose readpoint. There were three groups of devices tested under LDR, with distinct readpoints: one group that was tested at 3kRad and 10kRad readpoints, one that was tested at 30kRad, 50kRad, and 100kRad readpoints, and a third that was tested at the 150kRad readpoint. As such, some serial numbers were not remapped for specific readpoints (for example, a device tested at 30kRad, 50kRad, and 100kRad readpoints does not have a serial number remapped for the 3kRad and 10kRad readpoints). The readpoints at which specific serial numbers were not remapped are marked "None". The following table describes the serial number remapping per dose level.

Table B-1. TPS7H6003-SP LDR TID Report Data

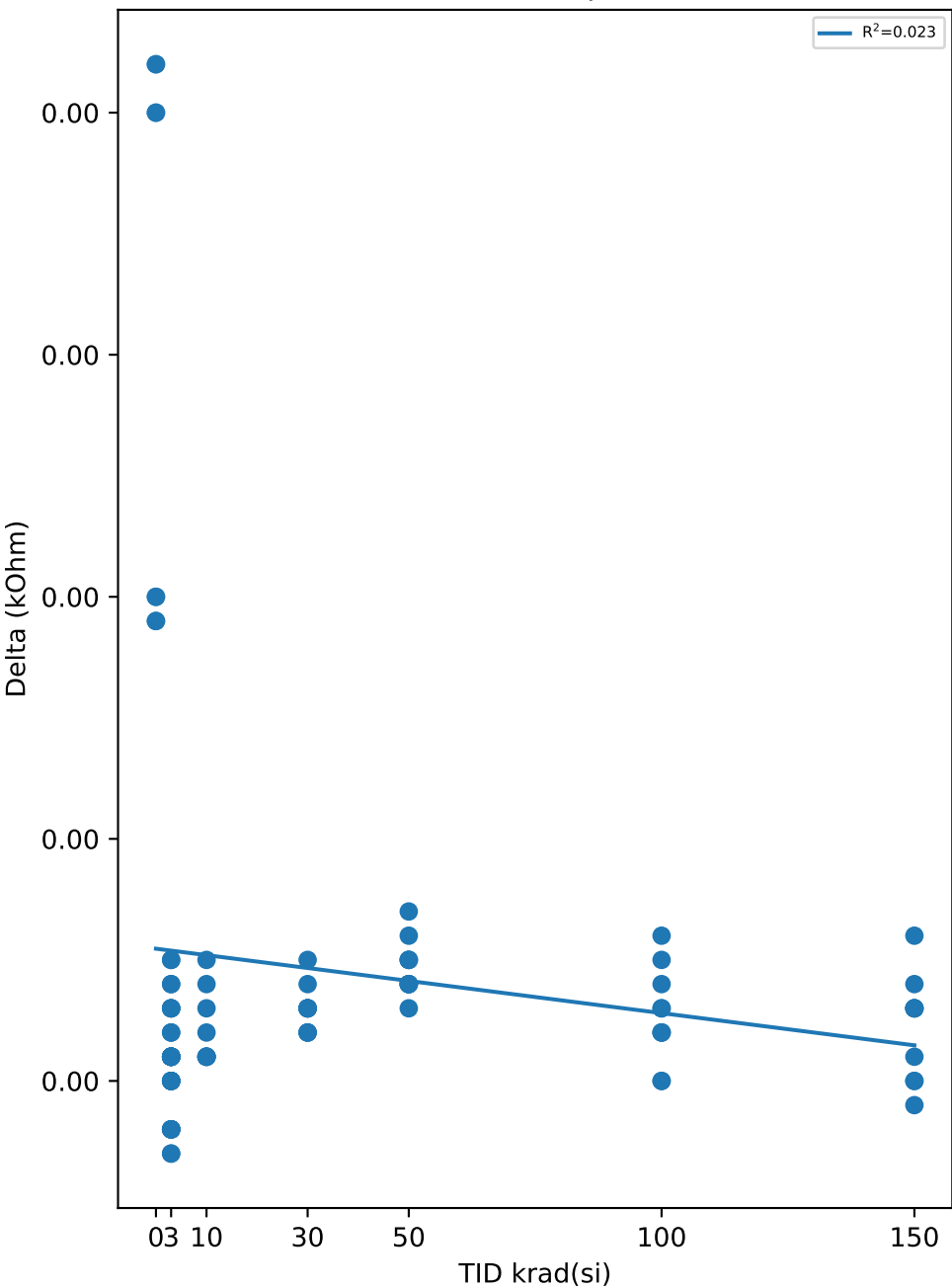
Pre Test Serial Number	3kRad Remap	10kRad Remap	30kRad Remap	50kRad Remap	100kRad Remap	150kRad Remap
259	None	1259	None	None	None	None
426	None	1426	None	None	None	None
427	None	1427	None	None	None	None
428	None	1428	None	None	None	None
429	None	1429	None	None	None	None
430	None	1430	None	None	None	None
431	None	1431	None	None	None	None
432	None	1432	None	None	None	None
433	None	1433	None	None	None	None
434	None	None	2434	3434	4434	None
435	None	None	2435	3435	4435	None
436	None	None	2436	3436	4436	None
437	None	None	2437	3437	4437	None
438	None	None	2438	3438	4438	None
439	None	None	2439	3439	4439	None
440	None	None	2440	3440	4440	None
441	None	None	2441	3441	4441	None
442	None	None	2442	3442	4442	None
443	None	None	2443	3443	4443	None
444	None	None	2444	3444	4444	None
4500	None	None	None	None	None	None
4501	None	None	None	None	None	None
4502	None	None	None	None	None	None
4503	None	None	None	None	None	None
4504	None	None	None	None	None	None
4505	None	None	None	None	None	None
4506	None	None	None	None	None	None
4507	None	None	None	None	None	None
4508	None	None	None	None	None	None
4509	None	None	None	None	None	None

Device Test: 100.1 Bootstrap Diode Switch Parallel Resistance VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.8, Upper Limit = 1.2 (kOhm))

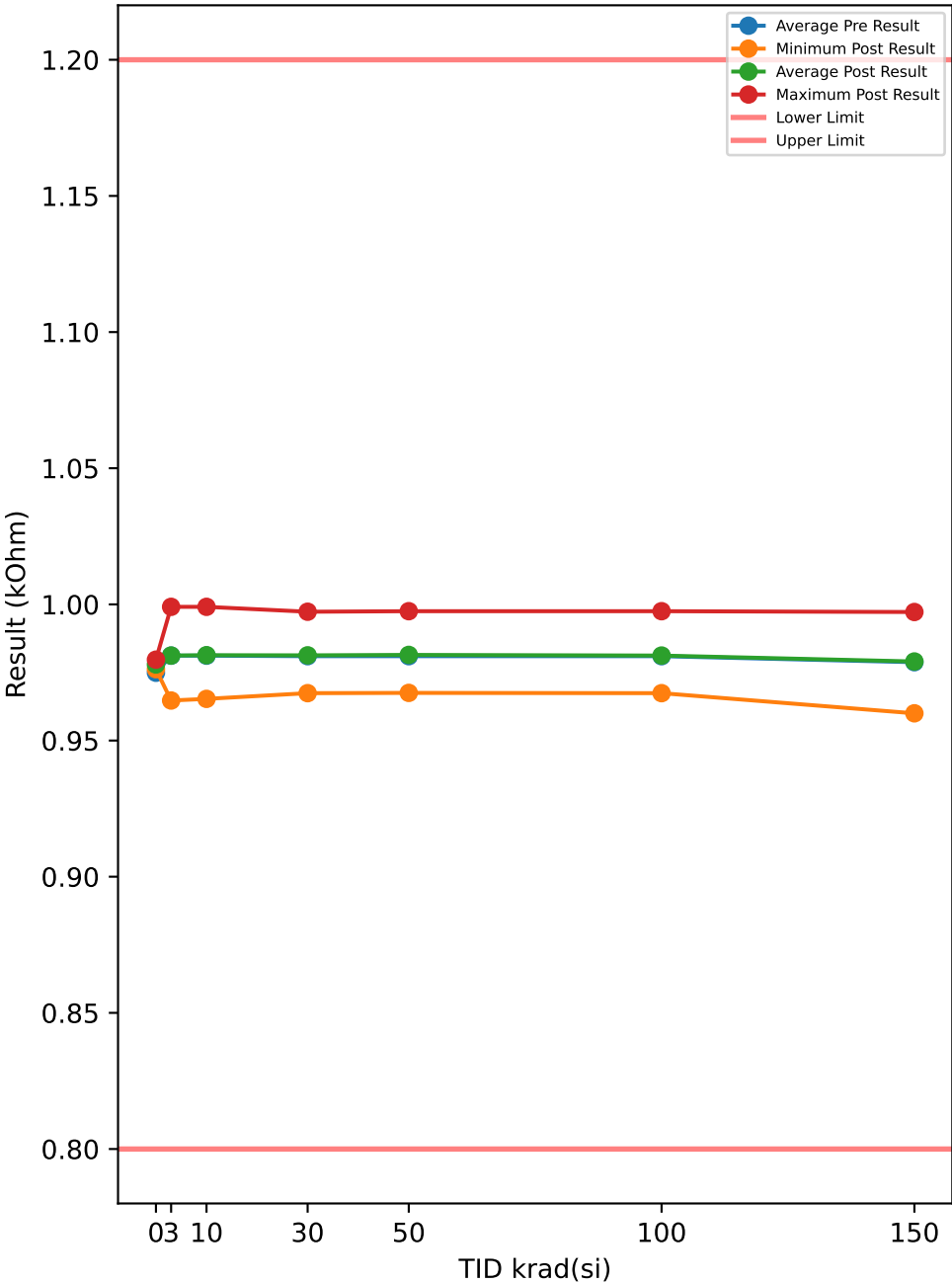
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9741	0.976	0.0019
2	0	CORRELATION	0.9753	0.9793	0.004
259	3	LDR Biased	0.9862	0.9862	0
426	3	LDR Biased	0.9985	0.9983	-0.0002
427	3	LDR Biased	0.9648	0.9646	-0.0002
428	3	LDR Biased	0.9744	0.9744	0
429	3	LDR Unbiased	0.9963	0.9963	0
430	3	LDR Unbiased	0.9773	0.9771	-0.0002
431	3	LDR Unbiased	0.9784	0.9785	0.0001
432	3	LDR Unbiased	0.9737	0.9734	-0.0003
433	3	LDR Unbiased	0.9793	0.9796	0.0003
1259	10	LDR Biased	0.9862	0.9863	0.0001
1426	10	LDR Biased	0.9985	0.999	0.0005
1427	10	LDR Biased	0.9648	0.9651	0.0003
1428	10	LDR Biased	0.9744	0.9745	0.0001
1429	10	LDR Unbiased	0.9963	0.9967	0.0004
1430	10	LDR Unbiased	0.9773	0.9774	0.0001
1431	10	LDR Unbiased	0.9784	0.9785	0.0001
1432	10	LDR Unbiased	0.9737	0.9738	0.0001
1433	10	LDR Unbiased	0.9793	0.9795	0.0002
2434	30	LDR Biased	0.9968	0.9971	0.0003
2435	30	LDR Biased	0.9669	0.9672	0.0003
2436	30	LDR Biased	0.9731	0.9735	0.0004
2437	30	LDR Biased	0.9706	0.9709	0.0003
2438	30	LDR Biased	0.9798	0.9803	0.0005
2439	30	LDR Unbiased	0.9952	0.9954	0.0002
2440	30	LDR Unbiased	0.9957	0.9959	0.0002
2441	30	LDR Unbiased	0.9741	0.9744	0.0003
2443	30	LDR Unbiased	0.9753	0.9755	0.0002
2444	30	LDR Unbiased	0.9807	0.981	0.0003
3434	50	LDR Biased	0.9968	0.9973	0.0005
3435	50	LDR Biased	0.9669	0.9673	0.0004
3436	50	LDR Biased	0.9731	0.9735	0.0004
3437	50	LDR Biased	0.9706	0.9709	0.0003
3438	50	LDR Biased	0.9798	0.9803	0.0005
3439	50	LDR Unbiased	0.9952	0.9957	0.0005
3440	50	LDR Unbiased	0.9957	0.9964	0.0007
3441	50	LDR Unbiased	0.9741	0.9745	0.0004
3443	50	LDR Unbiased	0.9753	0.9759	0.0006
3444	50	LDR Unbiased	0.9807	0.9811	0.0004
4434	100	LDR Biased	0.9968	0.9974	0.0006
4435	100	LDR Biased	0.9669	0.9673	0.0004
4436	100	LDR Biased	0.9731	0.9734	0.0003
4437	100	LDR Biased	0.9706	0.9709	0.0003
4438	100	LDR Biased	0.9798	0.9803	0.0005
4439	100	LDR Unbiased	0.9952	0.9952	0
4440	100	LDR Unbiased	0.9957	0.9959	0.0002
4441	100	LDR Unbiased	0.9741	0.9743	0.0002
4443	100	LDR Unbiased	0.9753	0.9755	0.0002
4444	100	LDR Unbiased	0.9807	0.9807	0
4500	150	LDR Biased	0.9947	0.995	0.0003
4501	150	LDR Biased	0.9965	0.9971	0.0006
4502	150	LDR Biased	0.9817	0.9818	0.0001
4503	150	LDR Biased	0.975	0.975	0
4504	150	LDR Biased	0.9731	0.9731	0
4505	150	LDR Unbiased	0.9746	0.9749	0.0003
4506	150	LDR Unbiased	0.9737	0.9741	0.0004
4507	150	LDR Unbiased	0.9688	0.9691	0.0003
4508	150	LDR Unbiased	0.9595	0.9598	0.0003
4509	150	LDR Unbiased	0.9886	0.9885	-0.0001

Test Statistics (kOhm)

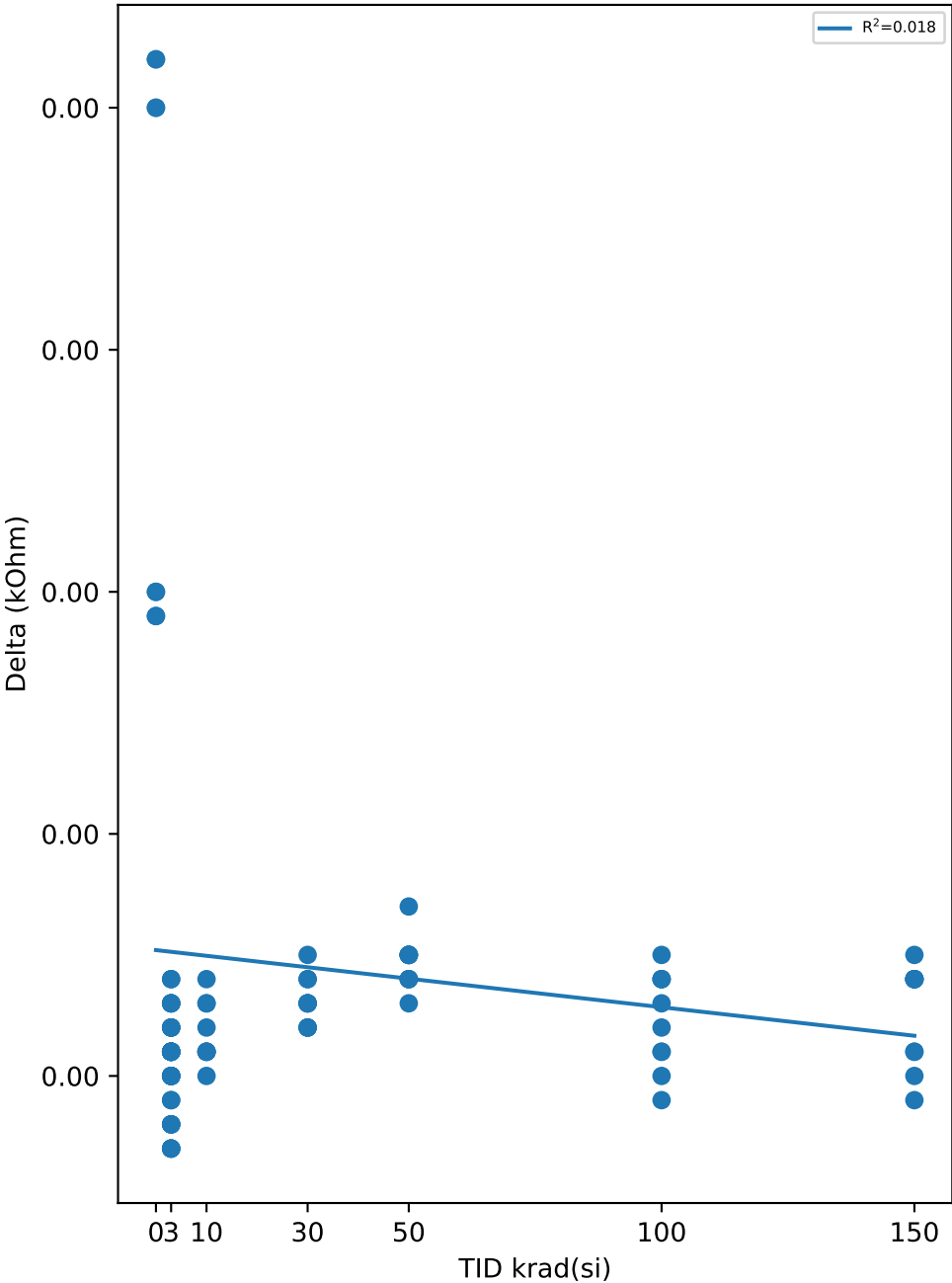
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9741	0.9747	0.9753	0.00084853	0.976	0.97765	0.9793	0.0023335	0.0019	0.00295	0.004	0.0014849
3	0.9648	0.98099	0.9985	0.010897	0.9646	0.98093	0.9983	0.010921	-0.0003	-5.5556e-05	0.0003	0.00018782
10	0.9648	0.98099	0.9985	0.010897	0.9651	0.9812	0.999	0.010992	0.0001	0.00021111	0.0005	0.00015366
30	0.9669	0.98082	0.9968	0.011146	0.9672	0.98112	0.9971	0.011113	0.0002	0.0003	0.0005	9.4281e-05
50	0.9669	0.98082	0.9968	0.011146	0.9673	0.98129	0.9973	0.011219	0.0003	0.00047	0.0007	0.00011595
100	0.9669	0.98082	0.9968	0.011146	0.9673	0.98109	0.9974	0.011134	0	0.00027	0.0006	0.00019465
150	0.9595	0.97862	0.9965	0.011706	0.9598	0.97884	0.9971	0.011737	-0.0001	0.00022	0.0006	0.00021499

Device Test: 101.1 Bootstrap Diode Switch Parallel Resistance VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.8, Upper Limit = 1.2 (kOhm))

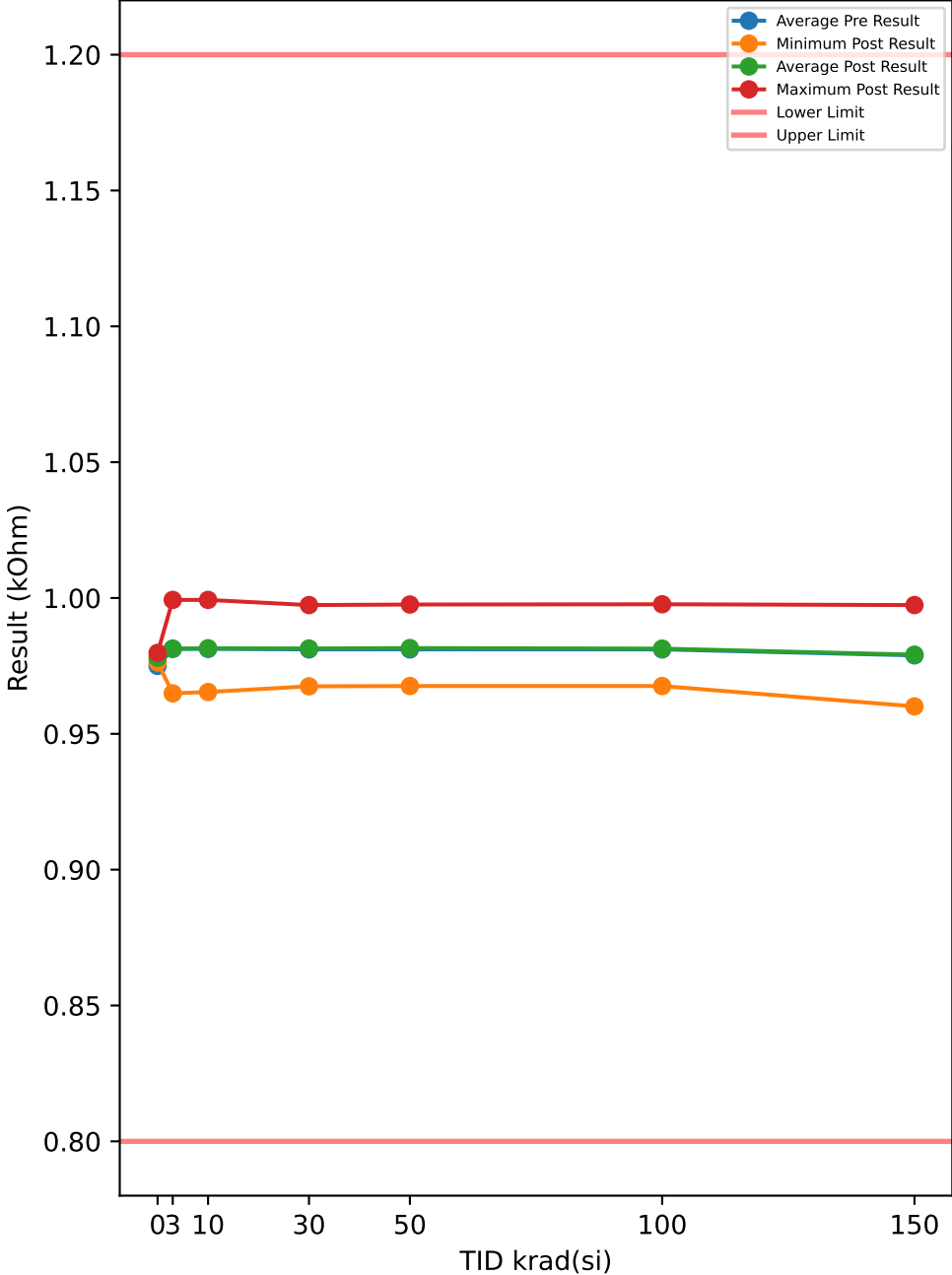
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9743	0.9762	0.0019
2	0	CORRELATION	0.9755	0.9795	0.004
259	3	LDR Biased	0.9864	0.9864	0
426	3	LDR Biased	0.9987	0.9985	-0.0002
427	3	LDR Biased	0.965	0.9647	-0.0003
428	3	LDR Biased	0.9746	0.9745	-0.0001
429	3	LDR Unbiased	0.9965	0.9965	0
430	3	LDR Unbiased	0.9775	0.9773	-0.0002
431	3	LDR Unbiased	0.9785	0.9786	0.0001
432	3	LDR Unbiased	0.9738	0.9735	-0.0003
433	3	LDR Unbiased	0.9795	0.9797	0.0002
1259	10	LDR Biased	0.9864	0.9865	0.0001
1426	10	LDR Biased	0.9987	0.9991	0.0004
1427	10	LDR Biased	0.965	0.9653	0.0003
1428	10	LDR Biased	0.9746	0.9746	0
1429	10	LDR Unbiased	0.9965	0.9968	0.0003
1430	10	LDR Unbiased	0.9775	0.9776	0.0001
1431	10	LDR Unbiased	0.9785	0.9786	0.0001
1432	10	LDR Unbiased	0.9738	0.974	0.0002
1433	10	LDR Unbiased	0.9795	0.9796	0.0001
2434	30	LDR Biased	0.997	0.9973	0.0003
2435	30	LDR Biased	0.967	0.9674	0.0004
2436	30	LDR Biased	0.9733	0.9736	0.0003
2437	30	LDR Biased	0.9707	0.971	0.0003
2438	30	LDR Biased	0.98	0.9805	0.0005
2439	30	LDR Unbiased	0.9954	0.9956	0.0002
2440	30	LDR Unbiased	0.9958	0.9961	0.0003
2441	30	LDR Unbiased	0.9743	0.9745	0.0002
2443	30	LDR Unbiased	0.9755	0.9757	0.0002
2444	30	LDR Unbiased	0.9808	0.9812	0.0004
3434	50	LDR Biased	0.997	0.9975	0.0005
3435	50	LDR Biased	0.967	0.9675	0.0005
3436	50	LDR Biased	0.9733	0.9737	0.0004
3437	50	LDR Biased	0.9707	0.9711	0.0004
3438	50	LDR Biased	0.98	0.9805	0.0005
3439	50	LDR Unbiased	0.9954	0.9958	0.0004
3440	50	LDR Unbiased	0.9958	0.9965	0.0007
3441	50	LDR Unbiased	0.9743	0.9746	0.0003
3443	50	LDR Unbiased	0.9755	0.976	0.0005
3444	50	LDR Unbiased	0.9808	0.9813	0.0005
4434	100	LDR Biased	0.997	0.9975	0.0005
4435	100	LDR Biased	0.967	0.9674	0.0004
4436	100	LDR Biased	0.9733	0.9736	0.0003
4437	100	LDR Biased	0.9707	0.9711	0.0004
4438	100	LDR Biased	0.98	0.9804	0.0004
4439	100	LDR Unbiased	0.9954	0.9953	-0.0001
4440	100	LDR Unbiased	0.9958	0.996	0.0002
4441	100	LDR Unbiased	0.9743	0.9744	0.0001
4443	100	LDR Unbiased	0.9755	0.9756	0.0001
4444	100	LDR Unbiased	0.9808	0.9808	0
4500	150	LDR Biased	0.9948	0.9952	0.0004
4501	150	LDR Biased	0.9967	0.9972	0.0005
4502	150	LDR Biased	0.9819	0.982	0.0001
4503	150	LDR Biased	0.9751	0.9752	0.0001
4504	150	LDR Biased	0.9733	0.9733	0
4505	150	LDR Unbiased	0.9747	0.9751	0.0004
4506	150	LDR Unbiased	0.9739	0.9743	0.0004
4507	150	LDR Unbiased	0.9689	0.9693	0.0004
4508	150	LDR Unbiased	0.9596	0.96	0.0004
4509	150	LDR Unbiased	0.9888	0.9887	-0.0001

Test Statistics (kOhm)

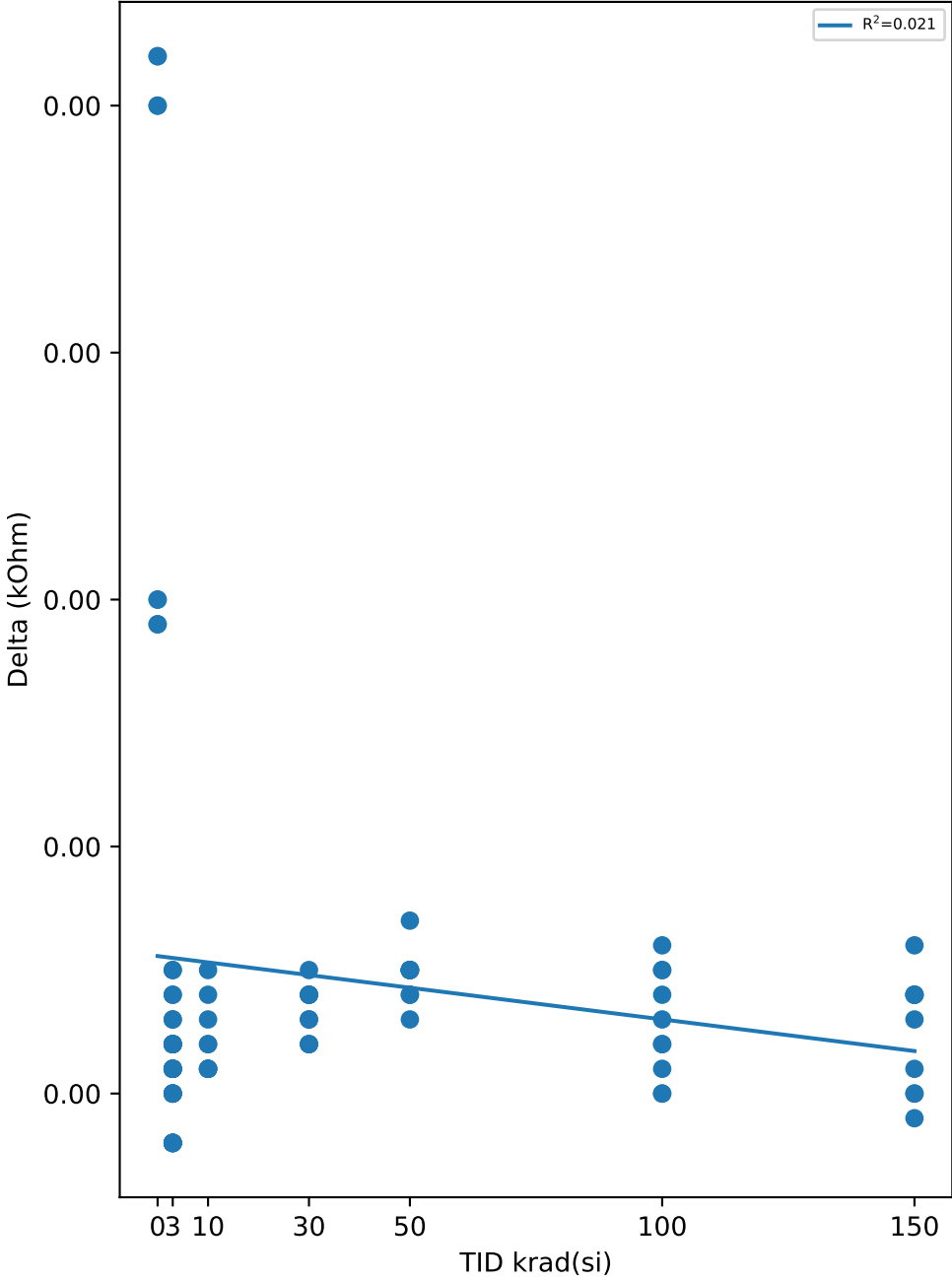
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9743	0.9749	0.9755	0.00084853	0.9762	0.97785	0.9795	0.0023335	0.0019	0.00295	0.004	0.0014849
3	0.965	0.98117	0.9987	0.010909	0.9647	0.98108	0.9985	0.01096	-0.0003	-8.8889e-05	0.0002	0.00017638
10	0.965	0.98117	0.9987	0.010909	0.9653	0.98134	0.9991	0.010967	0	0.00017778	0.0004	0.00013017
30	0.967	0.98098	0.997	0.011155	0.9674	0.98129	0.9973	0.011137	0.0002	0.00031	0.0005	9.9443e-05
50	0.967	0.98098	0.997	0.011155	0.9675	0.98145	0.9975	0.011202	0.0003	0.00047	0.0007	0.00010593
100	0.967	0.98098	0.997	0.011155	0.9674	0.98121	0.9975	0.011116	-0.0001	0.00023	0.0005	0.00020028
150	0.9596	0.97877	0.9967	0.011726	0.96	0.97903	0.9972	0.011719	-0.0001	0.00026	0.0005	0.00021187

Device Test: 102.1 Bootstrap Diode Switch Parallel Resistance VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.8, Upper Limit = 1.2 (kOhm))

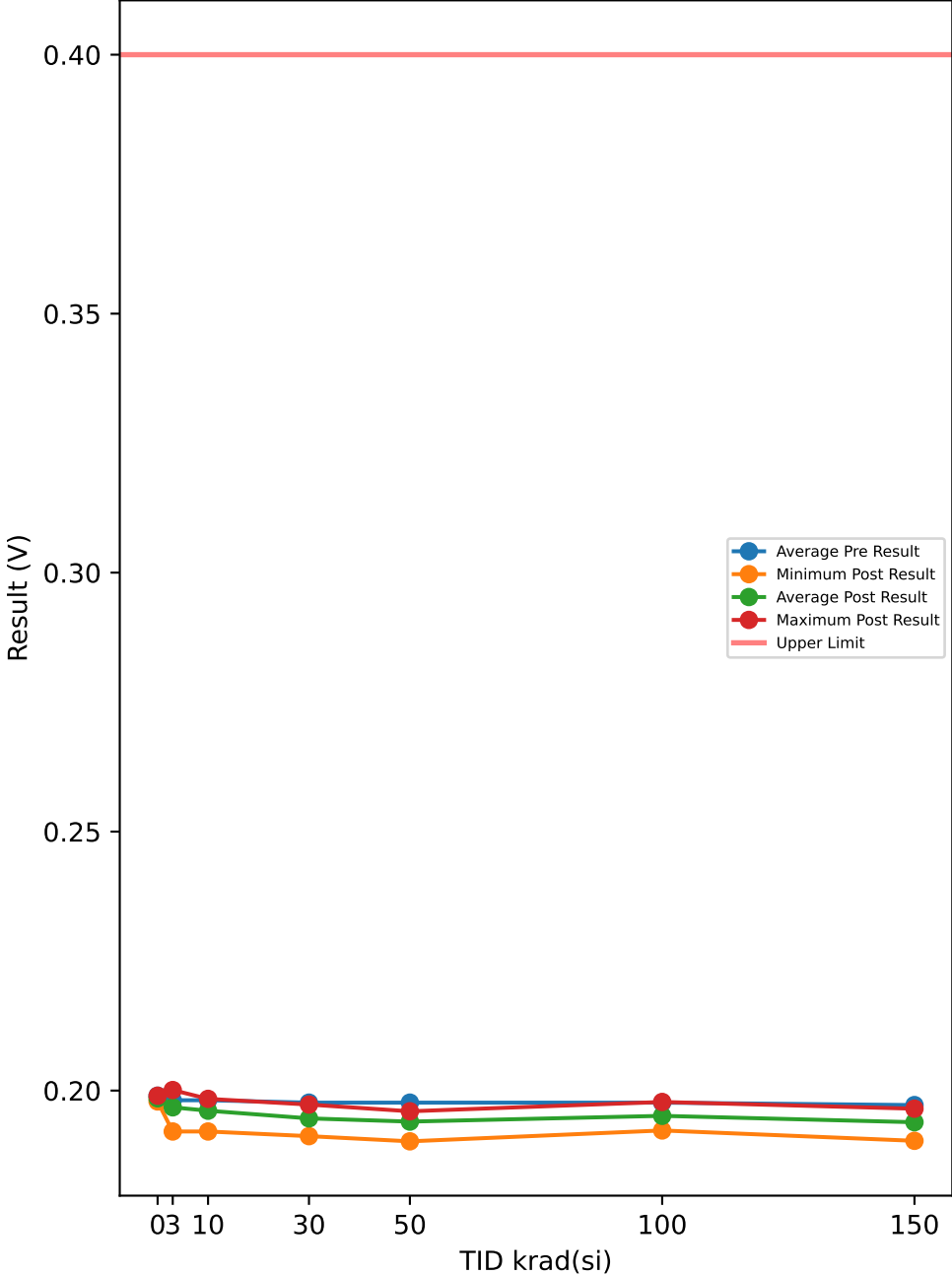
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9744	0.9763	0.0019
2	0	CORRELATION	0.9756	0.9796	0.004
259	3	LDR Biased	0.9865	0.9865	0
426	3	LDR Biased	0.9988	0.9986	-0.0002
427	3	LDR Biased	0.9651	0.9649	-0.0002
428	3	LDR Biased	0.9747	0.9747	0
429	3	LDR Unbiased	0.9966	0.9966	0
430	3	LDR Unbiased	0.9776	0.9774	-0.0002
431	3	LDR Unbiased	0.9786	0.9788	0.0002
432	3	LDR Unbiased	0.9739	0.9737	-0.0002
433	3	LDR Unbiased	0.9796	0.9798	0.0002
1259	10	LDR Biased	0.9865	0.9866	0.0001
1426	10	LDR Biased	0.9988	0.9993	0.0005
1427	10	LDR Biased	0.9651	0.9654	0.0003
1428	10	LDR Biased	0.9747	0.9748	0.0001
1429	10	LDR Unbiased	0.9966	0.997	0.0004
1430	10	LDR Unbiased	0.9776	0.9777	0.0001
1431	10	LDR Unbiased	0.9786	0.9788	0.0002
1432	10	LDR Unbiased	0.9739	0.9741	0.0002
1433	10	LDR Unbiased	0.9796	0.9797	0.0001
2434	30	LDR Biased	0.9971	0.9974	0.0003
2435	30	LDR Biased	0.9671	0.9675	0.0004
2436	30	LDR Biased	0.9734	0.9738	0.0004
2437	30	LDR Biased	0.9708	0.9712	0.0004
2438	30	LDR Biased	0.9801	0.9806	0.0005
2439	30	LDR Unbiased	0.9955	0.9957	0.0002
2440	30	LDR Unbiased	0.996	0.9962	0.0002
2441	30	LDR Unbiased	0.9744	0.9747	0.0003
2443	30	LDR Unbiased	0.9756	0.9758	0.0002
2444	30	LDR Unbiased	0.9809	0.9813	0.0004
3434	50	LDR Biased	0.9971	0.9976	0.0005
3435	50	LDR Biased	0.9671	0.9676	0.0005
3436	50	LDR Biased	0.9734	0.9738	0.0004
3437	50	LDR Biased	0.9708	0.9712	0.0004
3438	50	LDR Biased	0.9801	0.9806	0.0005
3439	50	LDR Unbiased	0.9955	0.996	0.0005
3440	50	LDR Unbiased	0.996	0.9967	0.0007
3441	50	LDR Unbiased	0.9744	0.9747	0.0003
3443	50	LDR Unbiased	0.9756	0.9761	0.0005
3444	50	LDR Unbiased	0.9809	0.9814	0.0005
4434	100	LDR Biased	0.9971	0.9977	0.0006
4435	100	LDR Biased	0.9671	0.9676	0.0005
4436	100	LDR Biased	0.9734	0.9737	0.0003
4437	100	LDR Biased	0.9708	0.9712	0.0004
4438	100	LDR Biased	0.9801	0.9806	0.0005
4439	100	LDR Unbiased	0.9955	0.9955	0
4440	100	LDR Unbiased	0.996	0.9962	0.0002
4441	100	LDR Unbiased	0.9744	0.9745	0.0001
4443	100	LDR Unbiased	0.9756	0.9758	0.0002
4444	100	LDR Unbiased	0.9809	0.9809	0
4500	150	LDR Biased	0.9949	0.9953	0.0004
4501	150	LDR Biased	0.9968	0.9974	0.0006
4502	150	LDR Biased	0.982	0.9821	0.0001
4503	150	LDR Biased	0.9753	0.9753	0
4504	150	LDR Biased	0.9734	0.9734	0
4505	150	LDR Unbiased	0.9748	0.9752	0.0004
4506	150	LDR Unbiased	0.974	0.9744	0.0004
4507	150	LDR Unbiased	0.9691	0.9694	0.0003
4508	150	LDR Unbiased	0.9597	0.9601	0.0004
4509	150	LDR Unbiased	0.9889	0.9888	-0.0001

Test Statistics (kOhm)

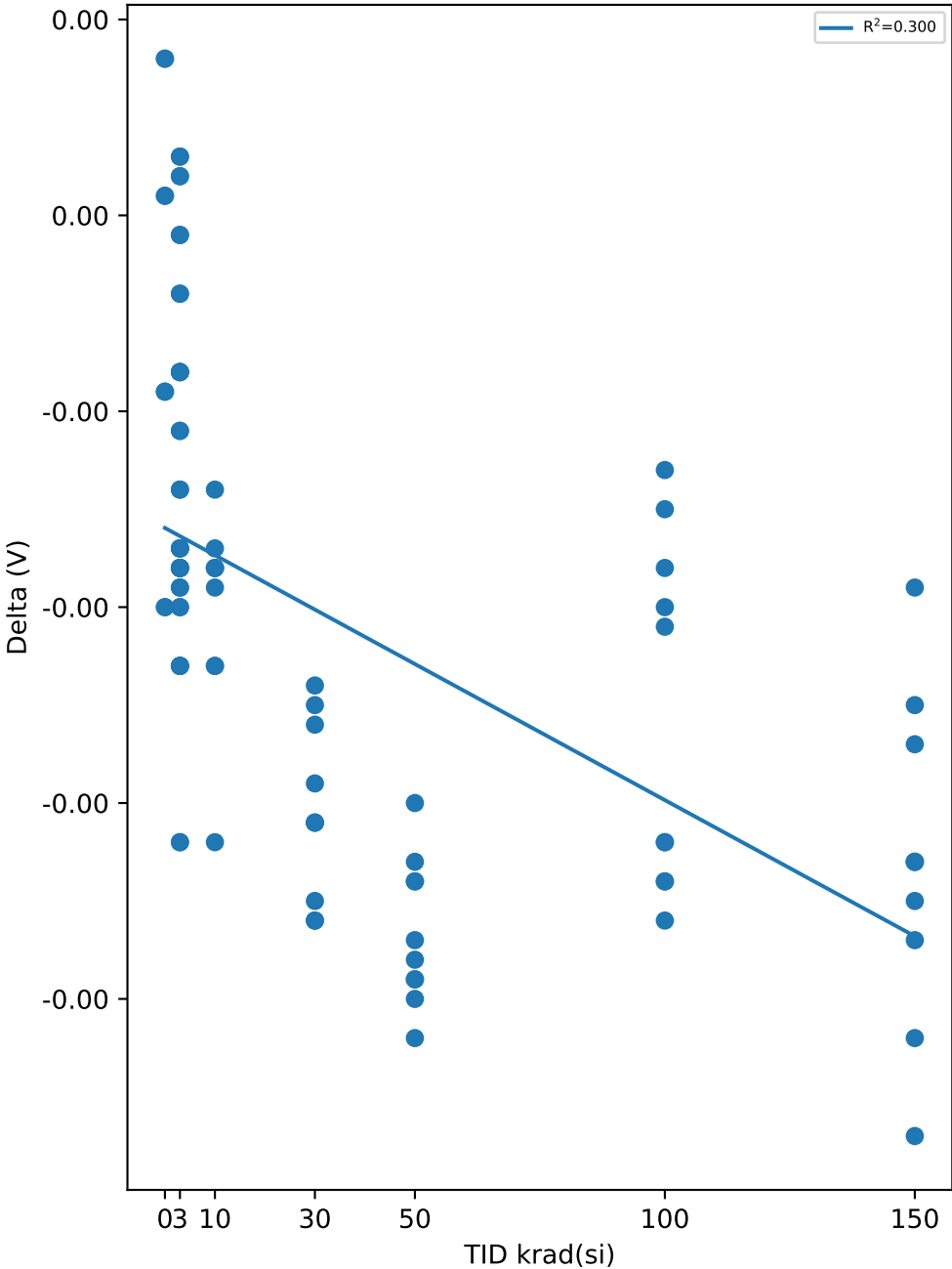
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9744	0.975	0.9756	0.00084853	0.9763	0.97795	0.9796	0.0023335	0.0019	0.00295	0.004	0.0014849
3	0.9651	0.98127	0.9988	0.010909	0.9649	0.98122	0.9986	0.010922	-0.0002	-4.4444e-05	0.0002	0.00016667
10	0.9651	0.98127	0.9988	0.010909	0.9654	0.98149	0.9993	0.010994	0.0001	0.00022222	0.0005	0.00014814
30	0.9671	0.98109	0.9971	0.01117	0.9675	0.98142	0.9974	0.011113	0.0002	0.00033	0.0005	0.00010593
50	0.9671	0.98109	0.9971	0.01117	0.9676	0.98157	0.9976	0.011231	0.0003	0.00048	0.0007	0.00010328
100	0.9671	0.98109	0.9971	0.01117	0.9676	0.98137	0.9977	0.011141	0	0.00028	0.0006	0.00021499
150	0.9597	0.97889	0.9968	0.011713	0.9601	0.97914	0.9974	0.011737	-0.0001	0.00025	0.0006	0.00023214

Device Test: 105.0 PGOOD Logic Low Outupt

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 0.4 (V))

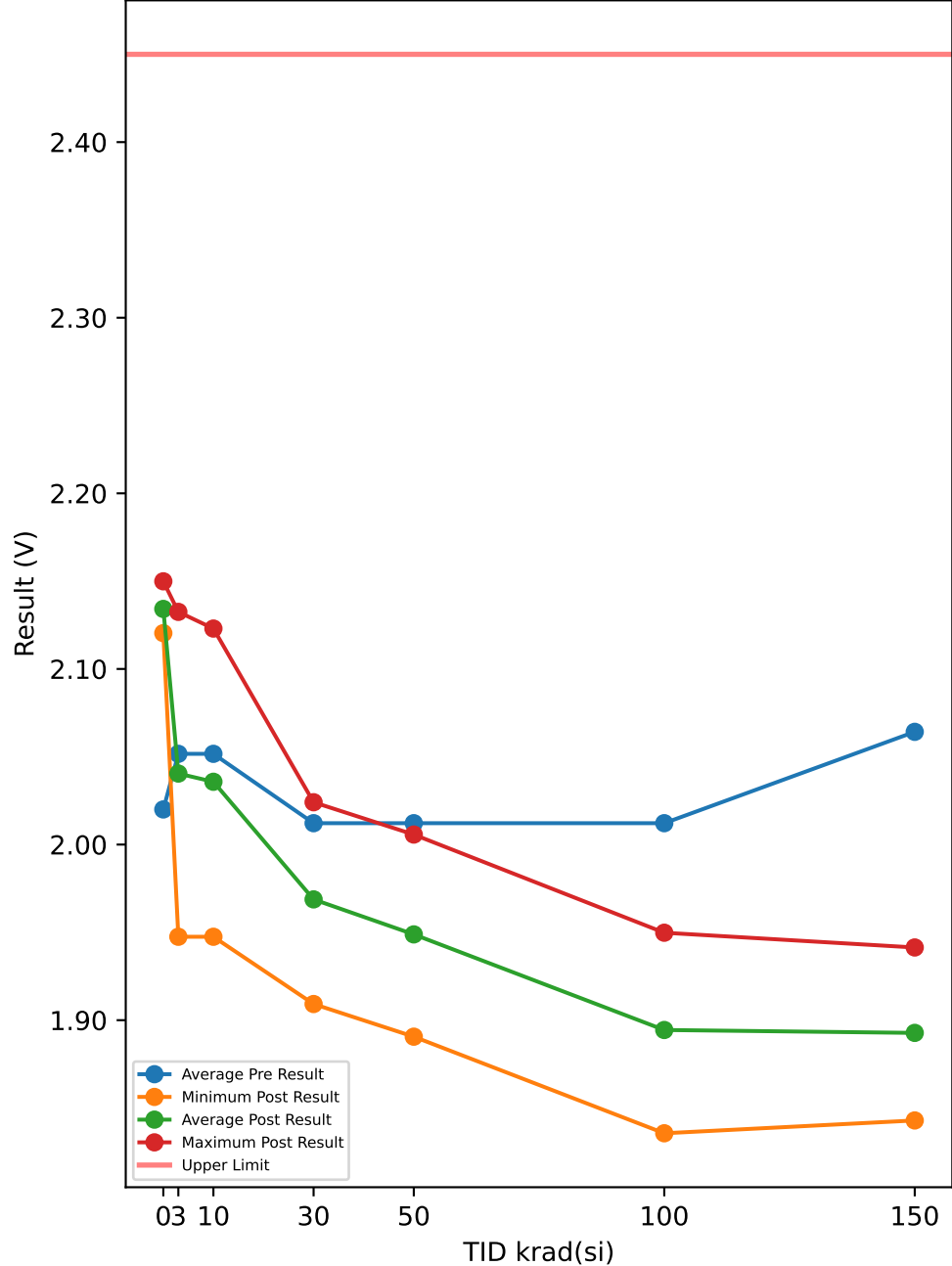
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.1981	0.1989	0.0008
2	0	CORRELATION	0.1999	0.199	-0.0009
259	3	LDR Biased	0.195	0.1939	-0.0011
426	3	LDR Biased	0.1985	0.1981	-0.0004
427	3	LDR Biased	0.1999	0.2001	0.0002
428	3	LDR Biased	0.1995	0.1987	-0.0008
429	3	LDR Unbiased	0.1944	0.1936	-0.0008
430	3	LDR Unbiased	0.1979	0.1978	-0.0001
431	3	LDR Unbiased	0.2003	0.1986	-0.0017
432	3	LDR Unbiased	0.198	0.1983	0.0003
433	3	LDR Unbiased	0.1997	0.1977	-0.002
1259	10	LDR Biased	0.195	0.1933	-0.0017
1426	10	LDR Biased	0.1985	0.1953	-0.0032
1427	10	LDR Biased	0.1999	0.1976	-0.0023
1428	10	LDR Biased	0.1995	0.1981	-0.0014
1429	10	LDR Unbiased	0.1944	0.1921	-0.0023
1430	10	LDR Unbiased	0.1979	0.1961	-0.0018
1431	10	LDR Unbiased	0.2003	0.1984	-0.0019
1432	10	LDR Unbiased	0.198	0.1962	-0.0018
1433	10	LDR Unbiased	0.1997	0.1979	-0.0018
2434	30	LDR Biased	0.1984	0.1953	-0.0031
2435	30	LDR Biased	0.1998	0.1963	-0.0035
2436	30	LDR Biased	0.1986	0.195	-0.0036
2437	30	LDR Biased	0.1971	0.194	-0.0031
2438	30	LDR Biased	0.1965	0.1929	-0.0036
2439	30	LDR Unbiased	0.1936	0.1912	-0.0024
2440	30	LDR Unbiased	0.1966	0.1941	-0.0025
2441	30	LDR Unbiased	0.1981	0.1952	-0.0029
2443	30	LDR Unbiased	0.1999	0.1973	-0.0026
2444	30	LDR Unbiased	0.1981	0.195	-0.0031
3434	50	LDR Biased	0.1984	0.1945	-0.0039
3435	50	LDR Biased	0.1998	0.1958	-0.004
3436	50	LDR Biased	0.1986	0.1949	-0.0037
3437	50	LDR Biased	0.1971	0.1938	-0.0033
3438	50	LDR Biased	0.1965	0.1927	-0.0038
3439	50	LDR Unbiased	0.1936	0.1902	-0.0034
3440	50	LDR Unbiased	0.1966	0.1924	-0.0042
3441	50	LDR Unbiased	0.1981	0.1951	-0.003
3443	50	LDR Unbiased	0.1999	0.196	-0.0039
3444	50	LDR Unbiased	0.1981	0.1947	-0.0034
4434	100	LDR Biased	0.1984	0.1948	-0.0036
4435	100	LDR Biased	0.1998	0.1964	-0.0034
4436	100	LDR Biased	0.1986	0.1954	-0.0032
4437	100	LDR Biased	0.1971	0.1939	-0.0032
4438	100	LDR Biased	0.1965	0.1931	-0.0034
4439	100	LDR Unbiased	0.1936	0.1923	-0.0013
4440	100	LDR Unbiased	0.1966	0.1946	-0.002
4441	100	LDR Unbiased	0.1981	0.1963	-0.0018
4443	100	LDR Unbiased	0.1999	0.1978	-0.0021
4444	100	LDR Unbiased	0.1981	0.1966	-0.0015
4500	150	LDR Biased	0.1985	0.1938	-0.0047
4501	150	LDR Biased	0.1973	0.1931	-0.0042
4502	150	LDR Biased	0.1944	0.1911	-0.0033
4503	150	LDR Biased	0.1987	0.1962	-0.0025
4504	150	LDR Biased	0.197	0.1935	-0.0035
4505	150	LDR Unbiased	0.1982	0.1945	-0.0037
4506	150	LDR Unbiased	0.1992	0.1965	-0.0027
4507	150	LDR Unbiased	0.1976	0.1943	-0.0033
4508	150	LDR Unbiased	0.1989	0.1956	-0.0033
4509	150	LDR Unbiased	0.1922	0.1903	-0.0019

Test Statistics (V)

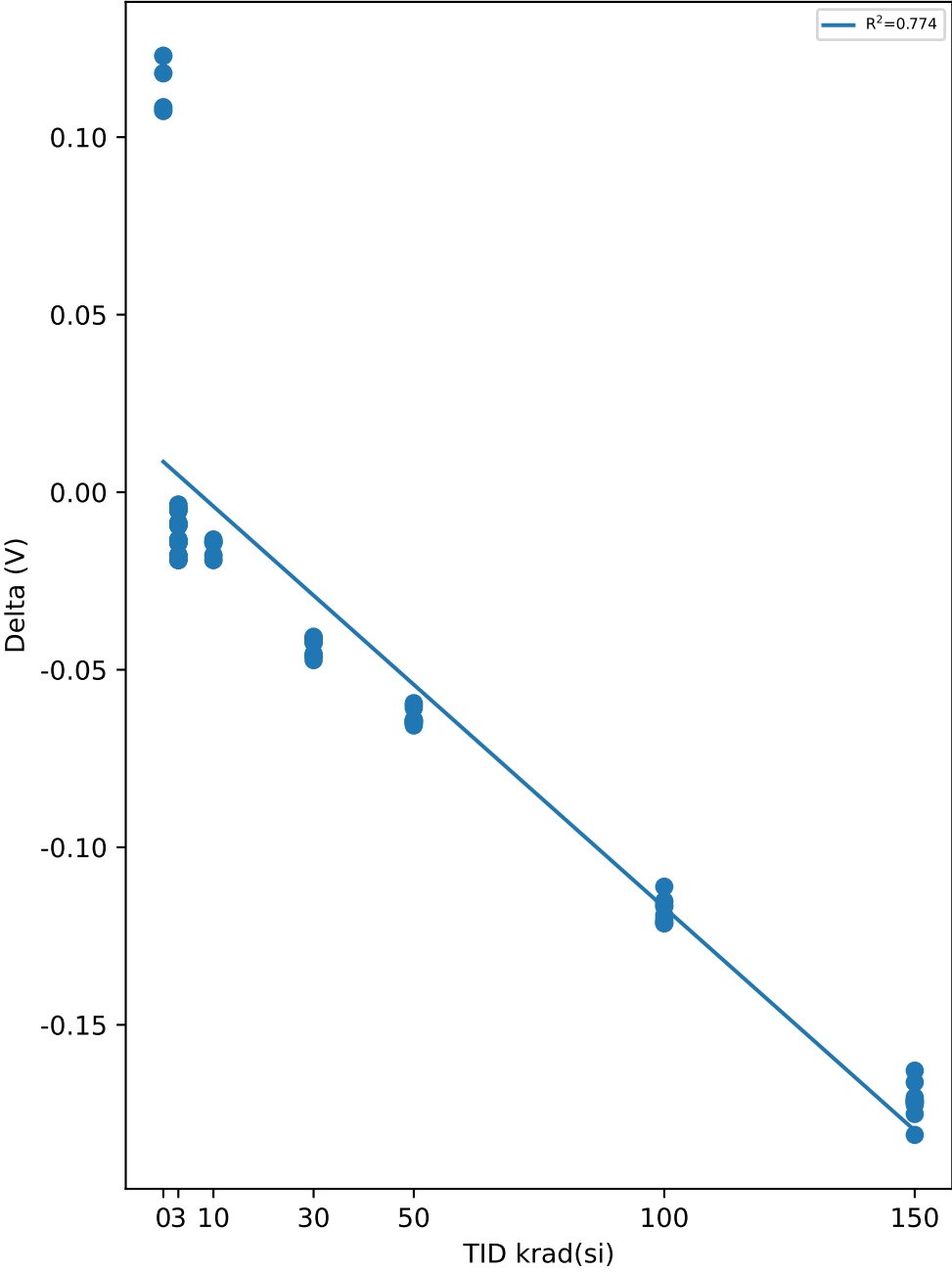
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.1981	0.199	0.1999	0.0012728	0.1989	0.19895	0.199	7.0711e-05	-0.0009	-5e-05	0.0008	0.0012021
3	0.1944	0.19813	0.2003	0.0021243	0.1936	0.19742	0.2001	0.0021982	-0.002	-0.00071111	0.0003	0.00080069
10	0.1944	0.19813	0.2003	0.0021243	0.1921	0.19611	0.1984	0.0022155	-0.0032	-0.0020222	-0.0014	0.00052387
30	0.1936	0.19767	0.1999	0.0018463	0.1912	0.19463	0.1973	0.0017127	-0.0036	-0.00304	-0.0024	0.00044272
50	0.1936	0.19767	0.1999	0.0018463	0.1902	0.19401	0.196	0.0017866	-0.0042	-0.00366	-0.003	0.00037178
100	0.1936	0.19767	0.1999	0.0018463	0.1923	0.19512	0.1978	0.0017119	-0.0036	-0.00255	-0.0013	0.00088976
150	0.1922	0.1972	0.1992	0.0022331	0.1903	0.19389	0.1965	0.0020295	-0.0047	-0.00331	-0.0019	0.00081165

Device Test: 105.1 Min BP5L for Valid PGOOD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 2.45 (V))

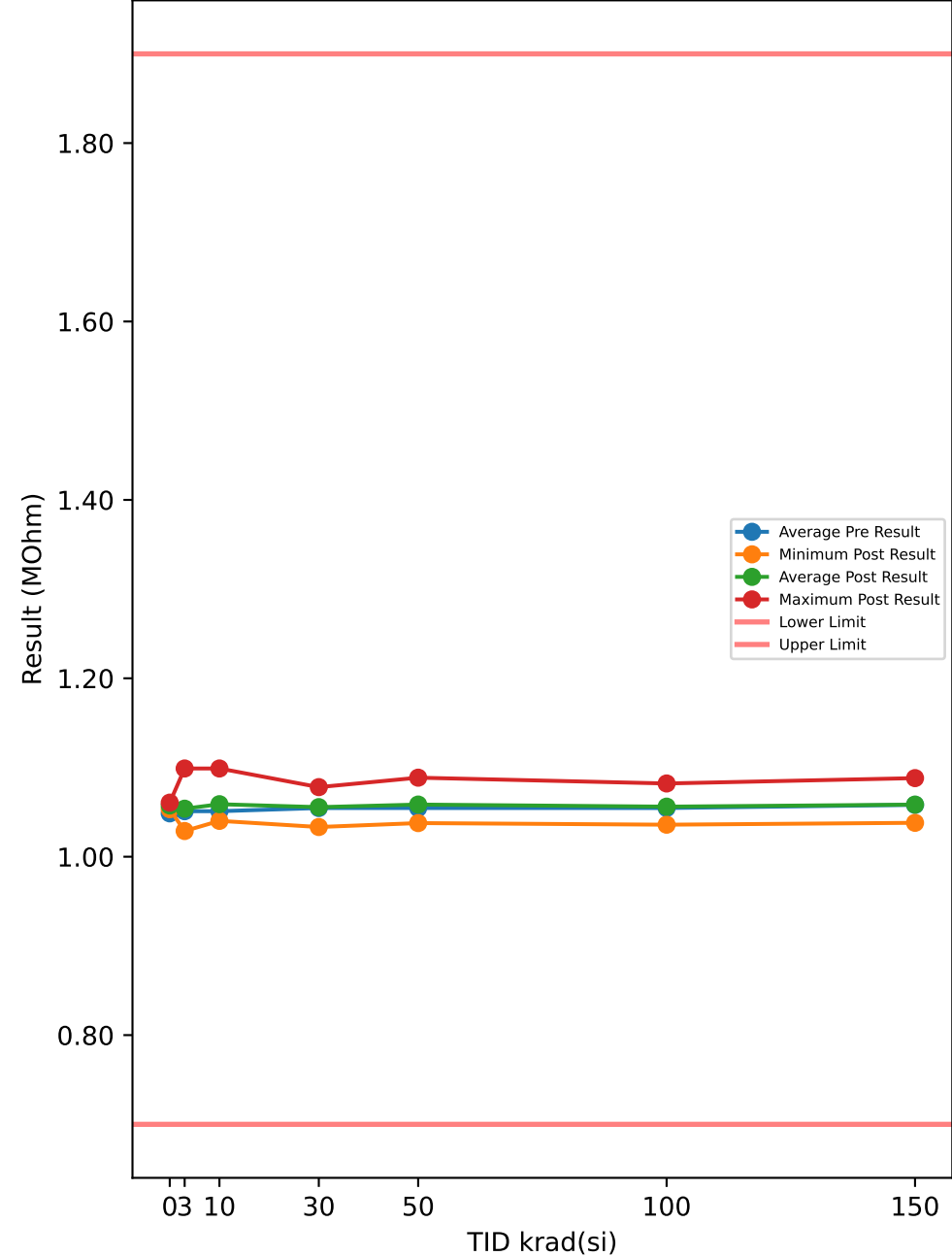
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.027	2.145	0.118
2	0	CORRELATION	2.013	2.1204	0.1074
259	3	LDR Biased	2.0139	2.0093	-0.0046
426	3	LDR Biased	2.0281	2.0188	-0.0093
427	3	LDR Biased	2.0896	2.0846	-0.005
428	3	LDR Biased	2.1371	2.1325	-0.0046
429	3	LDR Unbiased	1.9652	1.9566	-0.0086
430	3	LDR Unbiased	2.0787	2.0693	-0.0094
431	3	LDR Unbiased	2.0645	2.0557	-0.0088
432	3	LDR Unbiased	2.0948	2.0896	-0.0052
433	3	LDR Unbiased	1.9931	1.9896	-0.0035
1259	10	LDR Biased	2.0139	2.0002	-0.0137
1426	10	LDR Biased	2.0281	2.0148	-0.0133
1427	10	LDR Biased	2.0896	2.0755	-0.0141
1428	10	LDR Biased	2.1371	2.123	-0.0141
1429	10	LDR Unbiased	1.9652	1.9475	-0.0177
1430	10	LDR Unbiased	2.0787	2.0596	-0.0191
1431	10	LDR Unbiased	2.0645	2.0454	-0.0191
1432	10	LDR Unbiased	2.0948	2.0805	-0.0143
1433	10	LDR Unbiased	1.9931	1.9753	-0.0178
2434	30	LDR Biased	2.0089	1.9678	-0.0411
2435	30	LDR Biased	2.0239	1.9816	-0.0423
2436	30	LDR Biased	2.0665	2.0241	-0.0424
2437	30	LDR Biased	1.9547	1.9092	-0.0455
2438	30	LDR Biased	2.0128	1.9718	-0.041
2439	30	LDR Unbiased	1.9772	1.9358	-0.0414
2440	30	LDR Unbiased	1.976	1.9298	-0.0462
2441	30	LDR Unbiased	2.027	1.9863	-0.0407
2443	30	LDR Unbiased	2.013	1.9657	-0.0473
2444	30	LDR Unbiased	2.0617	2.0157	-0.046
3434	50	LDR Biased	2.0089	1.9489	-0.06
3435	50	LDR Biased	2.0239	1.9587	-0.0652
3436	50	LDR Biased	2.0665	2.0057	-0.0608
3437	50	LDR Biased	1.9547	1.8906	-0.0641
3438	50	LDR Biased	2.0128	1.9486	-0.0642
3439	50	LDR Unbiased	1.9772	1.9125	-0.0647
3440	50	LDR Unbiased	1.976	1.9117	-0.0643
3441	50	LDR Unbiased	2.027	1.9676	-0.0594
3443	50	LDR Unbiased	2.013	1.9473	-0.0657
3444	50	LDR Unbiased	2.0617	1.9969	-0.0648
4434	100	LDR Biased	2.0089	1.8978	-0.1111
4435	100	LDR Biased	2.0239	1.9075	-0.1164
4436	100	LDR Biased	2.0665	1.9498	-0.1167
4437	100	LDR Biased	1.9547	1.8356	-0.1191
4438	100	LDR Biased	2.0128	1.8977	-0.1151
4439	100	LDR Unbiased	1.9772	1.8564	-0.1208
4440	100	LDR Unbiased	1.976	1.8558	-0.1202
4441	100	LDR Unbiased	2.027	1.9116	-0.1154
4443	100	LDR Unbiased	2.013	1.8916	-0.1214
4444	100	LDR Unbiased	2.0617	1.9403	-0.1214
4500	150	LDR Biased	2.018	1.8429	-0.1751
4501	150	LDR Biased	2.0147	1.8443	-0.1704
4502	150	LDR Biased	2.0153	1.8434	-0.1719
4503	150	LDR Biased	2.0977	1.9167	-0.181
4504	150	LDR Biased	2.0508	1.8791	-0.1717
4505	150	LDR Unbiased	2.0742	1.9113	-0.1629
4506	150	LDR Unbiased	2.1031	1.932	-0.1711
4507	150	LDR Unbiased	2.0884	1.9222	-0.1662
4508	150	LDR Unbiased	2.1129	1.9414	-0.1715
4509	150	LDR Unbiased	2.0668	1.8943	-0.1725

Test Statistics (V)

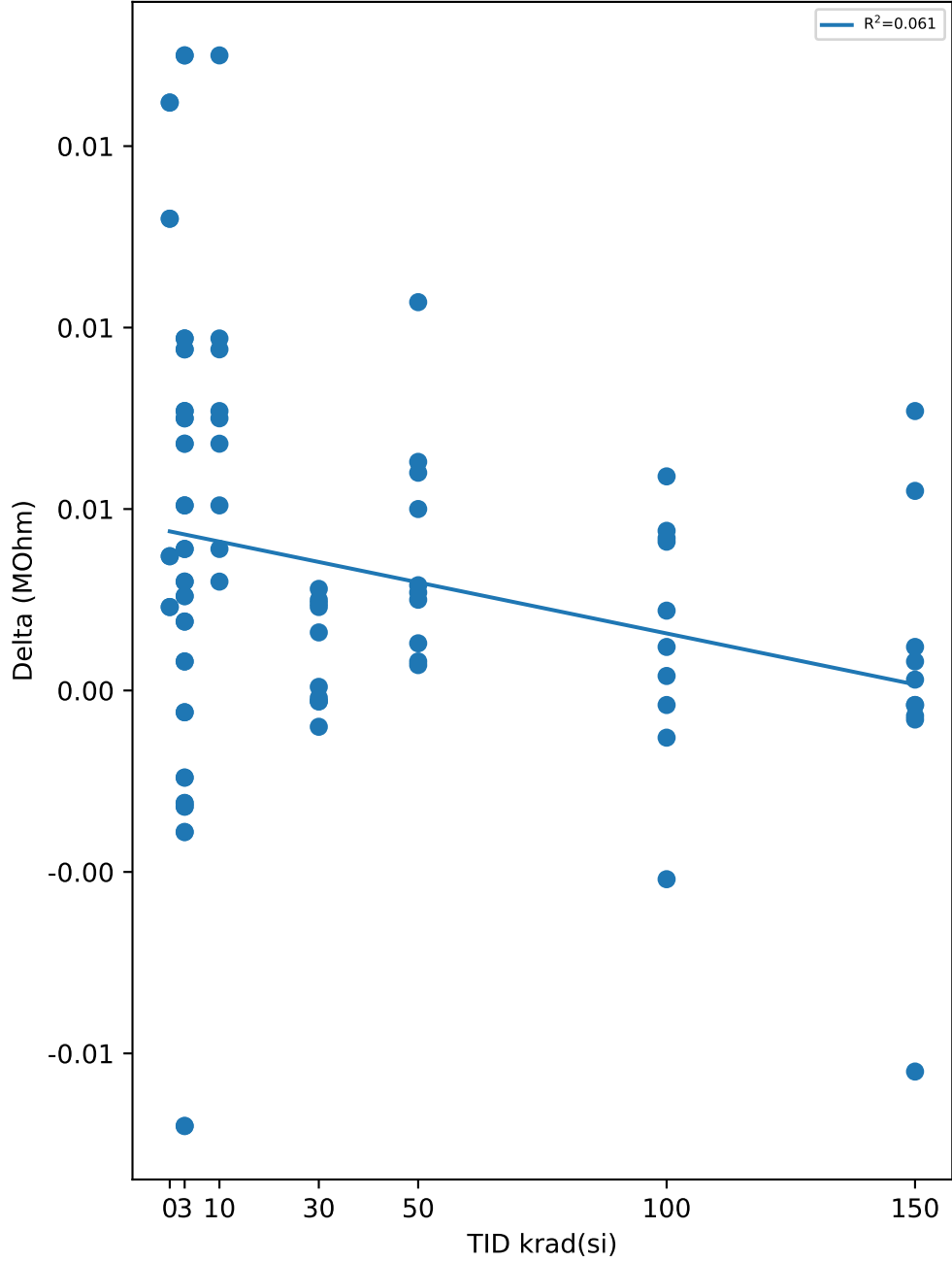
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.013	2.02	2.027	0.0098995	2.1204	2.1327	2.145	0.017395	0.1074	0.1127	0.118	0.0074953
3	1.9652	2.0517	2.1371	0.055206	1.9566	2.0451	2.1325	0.055636	-0.0094	-0.0065556	-0.0035	0.0024001
10	1.9652	2.0517	2.1371	0.055206	1.9475	2.0358	2.123	0.055904	-0.0191	-0.015911	-0.0133	0.0024487
30	1.9547	2.0122	2.0665	0.035914	1.9092	1.9688	2.0241	0.036377	-0.0473	-0.04339	-0.0407	0.0025554
50	1.9547	2.0122	2.0665	0.035914	1.8906	1.9489	2.0057	0.036646	-0.0657	-0.06332	-0.0594	0.0023184
100	1.9547	2.0122	2.0665	0.035914	1.8356	1.8944	1.9498	0.036614	-0.1214	-0.11776	-0.1111	0.0033906
150	2.0147	2.0642	2.1129	0.037793	1.8429	1.8928	1.9414	0.038223	-0.181	-0.17143	-0.1629	0.0048049

Device Test: 105.2 PGOOD Internal Resistance VIN_10V

TID vs Result Stats

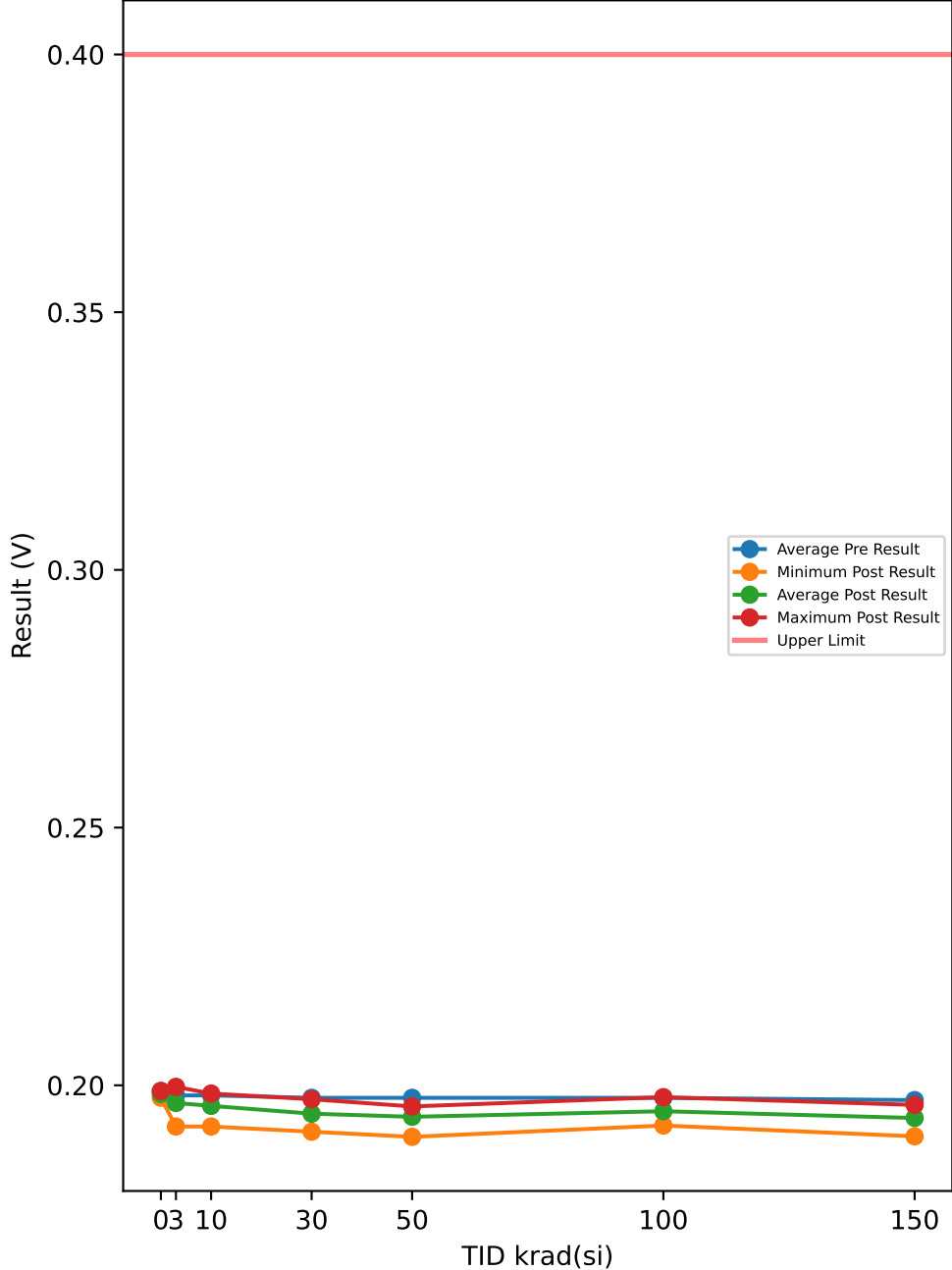


TID vs Post - Pre Exposure Delta

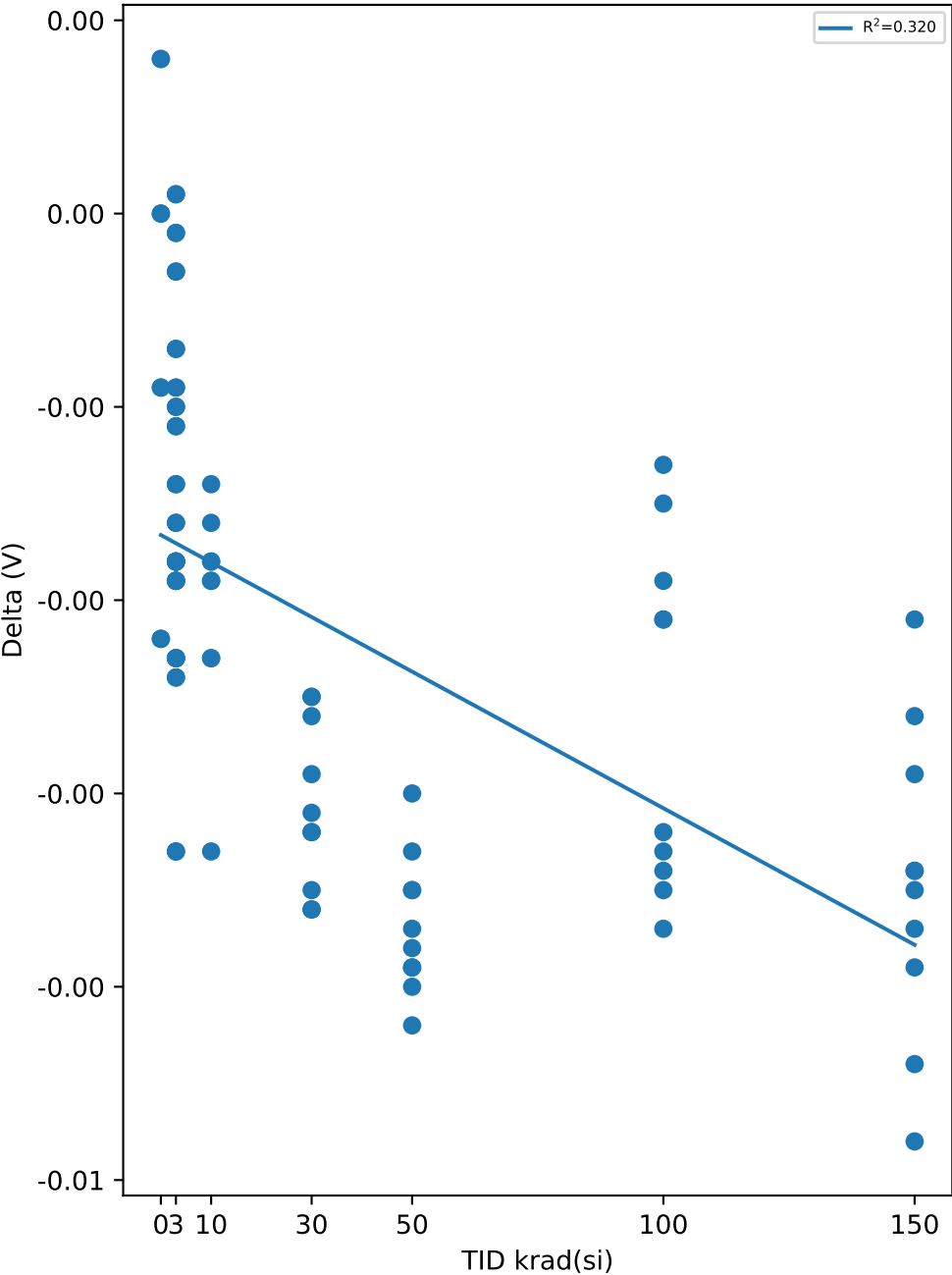


Device Test: 106.0 PGOOD Logic Low Outupt

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 0.4 (V))

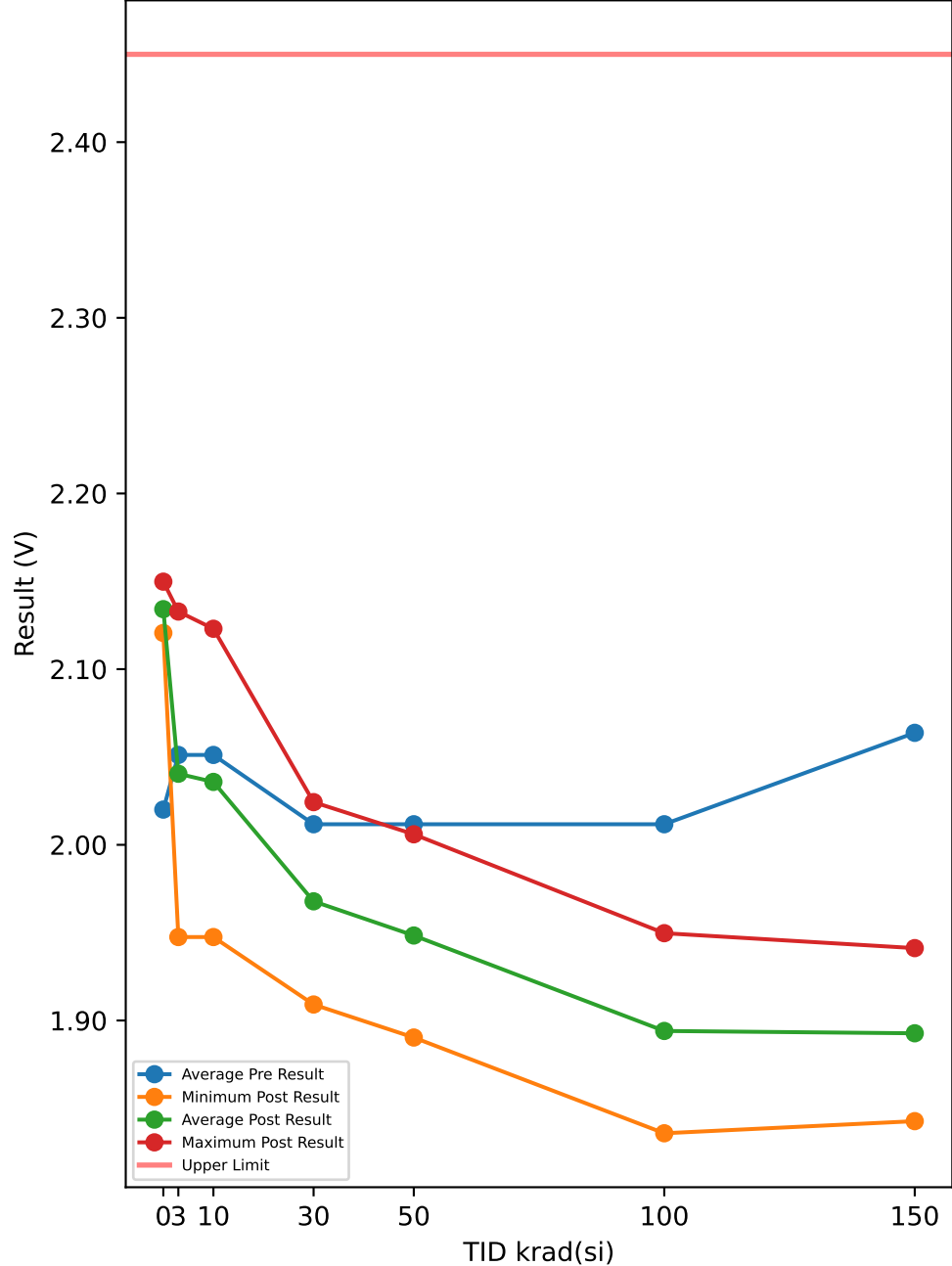
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.198	0.1988	0.0008
2	0	CORRELATION	0.1998	0.1989	-0.0009
259	3	LDR Biased	0.1948	0.1937	-0.0011
426	3	LDR Biased	0.1985	0.1978	-0.0007
427	3	LDR Biased	0.1998	0.1997	-0.0001
428	3	LDR Biased	0.1994	0.1984	-0.001
429	3	LDR Unbiased	0.1943	0.1934	-0.0009
430	3	LDR Unbiased	0.1978	0.1975	-0.0003
431	3	LDR Unbiased	0.2002	0.1984	-0.0018
432	3	LDR Unbiased	0.1979	0.198	0.0001
433	3	LDR Unbiased	0.1997	0.1973	-0.0024
1259	10	LDR Biased	0.1948	0.1932	-0.0016
1426	10	LDR Biased	0.1985	0.1952	-0.0033
1427	10	LDR Biased	0.1998	0.1975	-0.0023
1428	10	LDR Biased	0.1994	0.198	-0.0014
1429	10	LDR Unbiased	0.1943	0.192	-0.0023
1430	10	LDR Unbiased	0.1978	0.196	-0.0018
1431	10	LDR Unbiased	0.2002	0.1984	-0.0018
1432	10	LDR Unbiased	0.1979	0.196	-0.0019
1433	10	LDR Unbiased	0.1997	0.1978	-0.0019
2434	30	LDR Biased	0.1983	0.1952	-0.0031
2435	30	LDR Biased	0.1997	0.1962	-0.0035
2436	30	LDR Biased	0.1985	0.1949	-0.0036
2437	30	LDR Biased	0.197	0.1938	-0.0032
2438	30	LDR Biased	0.1964	0.1928	-0.0036
2439	30	LDR Unbiased	0.1935	0.191	-0.0025
2440	30	LDR Unbiased	0.1965	0.1939	-0.0026
2441	30	LDR Unbiased	0.198	0.1951	-0.0029
2443	30	LDR Unbiased	0.1998	0.1973	-0.0025
2444	30	LDR Unbiased	0.198	0.1948	-0.0032
3434	50	LDR Biased	0.1983	0.1944	-0.0039
3435	50	LDR Biased	0.1997	0.1957	-0.004
3436	50	LDR Biased	0.1985	0.1948	-0.0037
3437	50	LDR Biased	0.197	0.1937	-0.0033
3438	50	LDR Biased	0.1964	0.1926	-0.0038
3439	50	LDR Unbiased	0.1935	0.19	-0.0035
3440	50	LDR Unbiased	0.1965	0.1923	-0.0042
3441	50	LDR Unbiased	0.198	0.195	-0.003
3443	50	LDR Unbiased	0.1998	0.1959	-0.0039
3444	50	LDR Unbiased	0.198	0.1945	-0.0035
4434	100	LDR Biased	0.1983	0.1946	-0.0037
4435	100	LDR Biased	0.1997	0.1962	-0.0035
4436	100	LDR Biased	0.1985	0.1952	-0.0033
4437	100	LDR Biased	0.197	0.1938	-0.0032
4438	100	LDR Biased	0.1964	0.193	-0.0034
4439	100	LDR Unbiased	0.1935	0.1922	-0.0013
4440	100	LDR Unbiased	0.1965	0.1944	-0.0021
4441	100	LDR Unbiased	0.198	0.1961	-0.0019
4443	100	LDR Unbiased	0.1998	0.1977	-0.0021
4444	100	LDR Unbiased	0.198	0.1965	-0.0015
4500	150	LDR Biased	0.1984	0.1936	-0.0048
4501	150	LDR Biased	0.1973	0.1929	-0.0044
4502	150	LDR Biased	0.1943	0.1909	-0.0034
4503	150	LDR Biased	0.1986	0.196	-0.0026
4504	150	LDR Biased	0.1969	0.1932	-0.0037
4505	150	LDR Unbiased	0.1981	0.1942	-0.0039
4506	150	LDR Unbiased	0.1991	0.1962	-0.0029
4507	150	LDR Unbiased	0.1975	0.1941	-0.0034
4508	150	LDR Unbiased	0.1989	0.1954	-0.0035
4509	150	LDR Unbiased	0.1922	0.1901	-0.0021

Test Statistics (V)

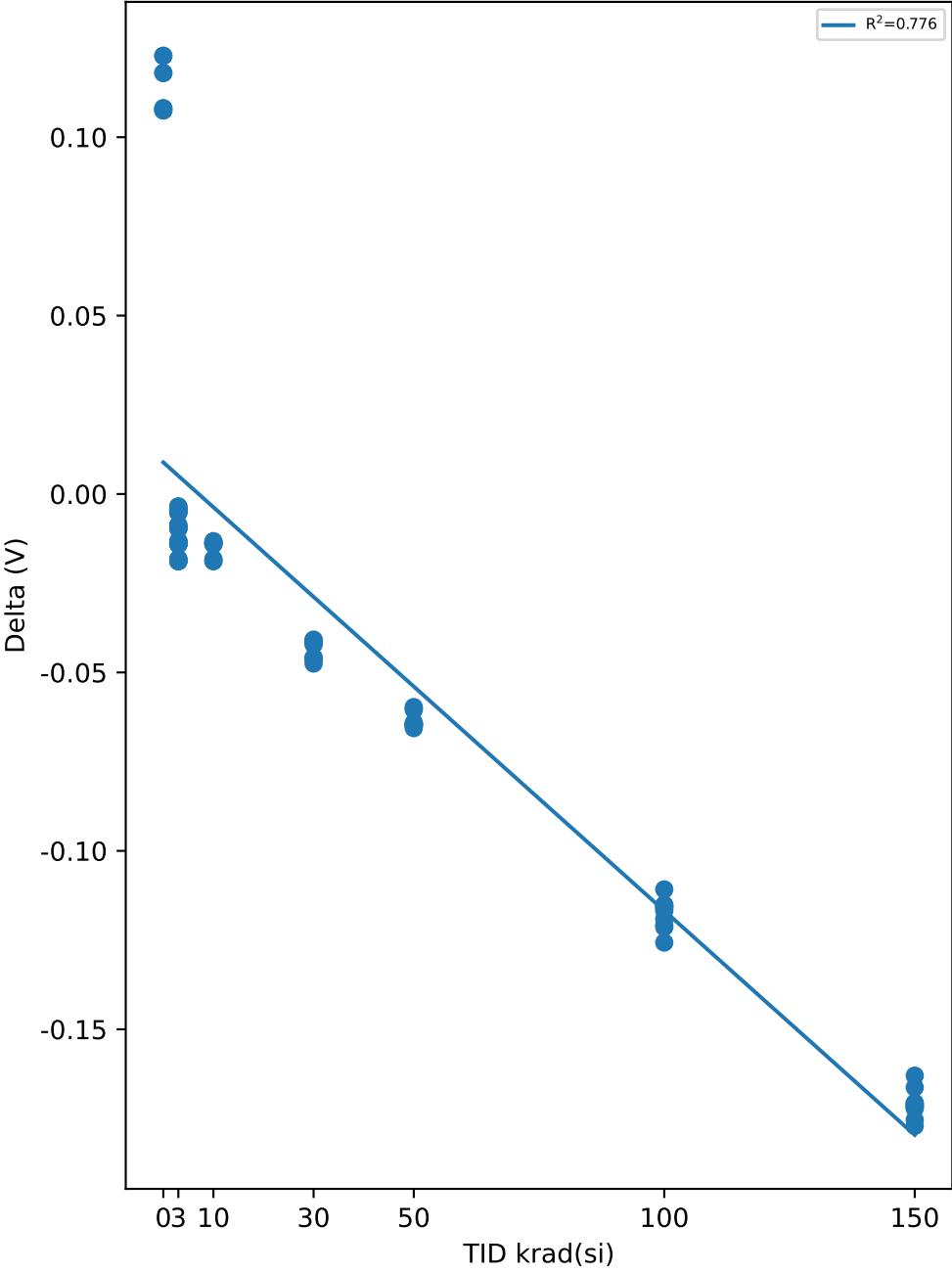
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.198	0.1989	0.1998	0.0012728	0.1988	0.19885	0.1989	7.0711e-05	-0.0009	-5e-05	0.0008	0.0012021
3	0.1943	0.19804	0.2002	0.0021547	0.1934	0.19713	0.1997	0.0021471	-0.0024	-0.00091111	0.0001	0.00080225
10	0.1943	0.19804	0.2002	0.0021547	0.192	0.19601	0.1984	0.0022285	-0.0033	-0.0020333	-0.0014	0.00055678
30	0.1935	0.19757	0.1998	0.0018463	0.191	0.1945	0.1973	0.0017582	-0.0036	-0.00307	-0.0025	0.00043218
50	0.1935	0.19757	0.1998	0.0018463	0.19	0.19389	0.1959	0.0018064	-0.0042	-0.00368	-0.003	0.00035839
100	0.1935	0.19757	0.1998	0.0018463	0.1922	0.19497	0.1977	0.0017004	-0.0037	-0.0026	-0.0013	0.00090676
150	0.1922	0.19713	0.1991	0.0022176	0.1901	0.19366	0.1962	0.0020145	-0.0048	-0.00347	-0.0021	0.00080561

Device Test: 106.1 Min BP5L for Valid PGOOD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 2.45 (V))

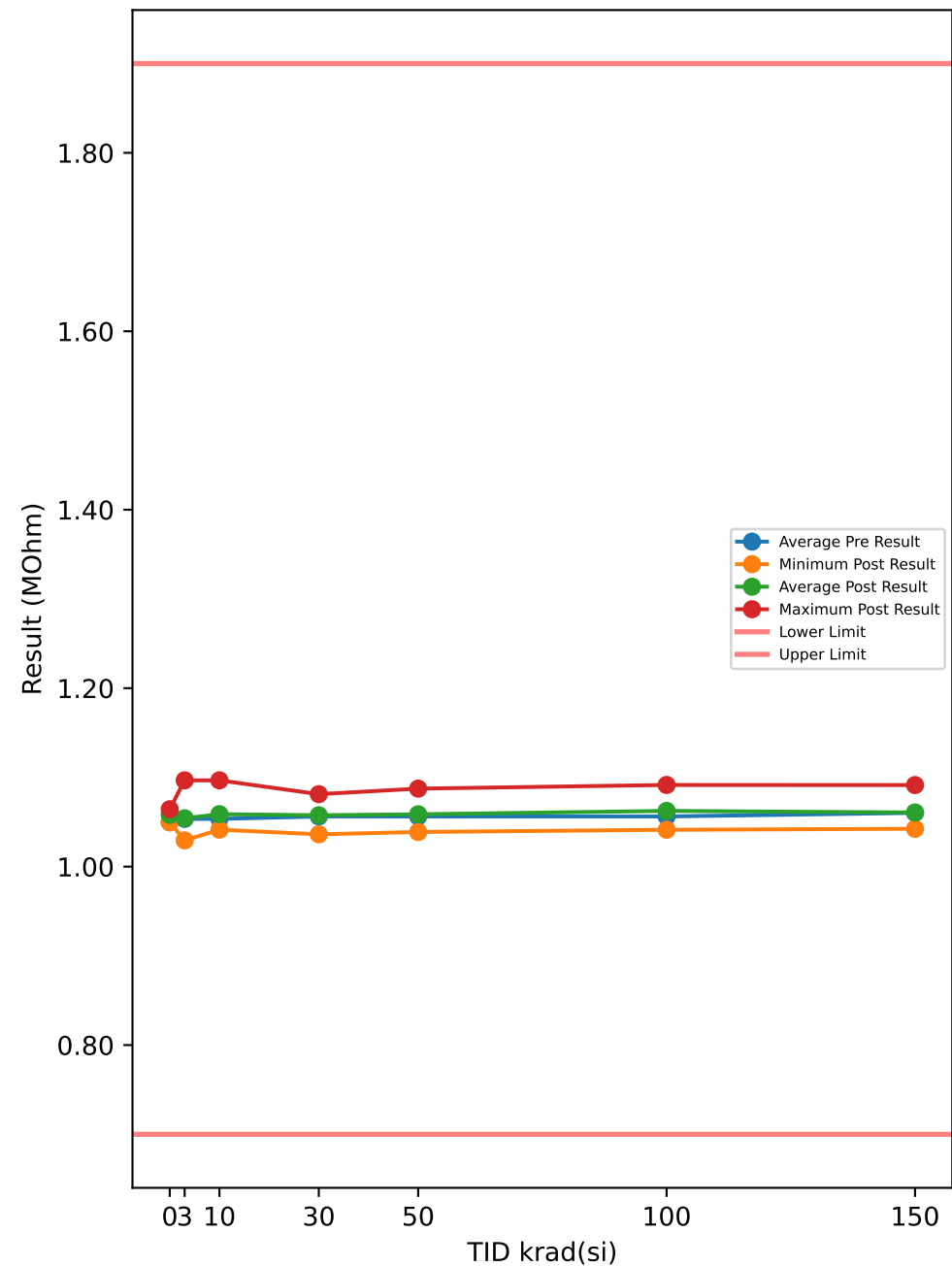
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.027	2.145	0.118
2	0	CORRELATION	2.0131	2.1206	0.1075
259	3	LDR Biased	2.0139	2.0096	-0.0043
426	3	LDR Biased	2.0284	2.0187	-0.0097
427	3	LDR Biased	2.0895	2.0843	-0.0052
428	3	LDR Biased	2.1371	2.1328	-0.0043
429	3	LDR Unbiased	1.9607	1.9562	-0.0045
430	3	LDR Unbiased	2.0787	2.0693	-0.0094
431	3	LDR Unbiased	2.0645	2.0558	-0.0087
432	3	LDR Unbiased	2.0946	2.0897	-0.0049
433	3	LDR Unbiased	1.9931	1.9896	-0.0035
1259	10	LDR Biased	2.0139	2.0001	-0.0138
1426	10	LDR Biased	2.0284	2.0149	-0.0135
1427	10	LDR Biased	2.0895	2.0755	-0.014
1428	10	LDR Biased	2.1371	2.123	-0.0141
1429	10	LDR Unbiased	1.9607	1.9475	-0.0132
1430	10	LDR Unbiased	2.0787	2.0599	-0.0188
1431	10	LDR Unbiased	2.0645	2.0457	-0.0188
1432	10	LDR Unbiased	2.0946	2.0808	-0.0138
1433	10	LDR Unbiased	1.9931	1.9749	-0.0182
2434	30	LDR Biased	2.0088	1.9676	-0.0412
2435	30	LDR Biased	2.0237	1.9773	-0.0464
2436	30	LDR Biased	2.0665	2.0243	-0.0422
2437	30	LDR Biased	1.9549	1.9091	-0.0458
2438	30	LDR Biased	2.0128	1.9718	-0.041
2439	30	LDR Unbiased	1.9772	1.9311	-0.0461
2440	30	LDR Unbiased	1.9716	1.9298	-0.0418
2441	30	LDR Unbiased	2.027	1.9862	-0.0408
2443	30	LDR Unbiased	2.0131	1.9656	-0.0475
2444	30	LDR Unbiased	2.0615	2.0155	-0.046
3434	50	LDR Biased	2.0088	1.9439	-0.0649
3435	50	LDR Biased	2.0237	1.9587	-0.065
3436	50	LDR Biased	2.0665	2.006	-0.0605
3437	50	LDR Biased	1.9549	1.8903	-0.0646
3438	50	LDR Biased	2.0128	1.9487	-0.0641
3439	50	LDR Unbiased	1.9772	1.9127	-0.0645
3440	50	LDR Unbiased	1.9716	1.9116	-0.06
3441	50	LDR Unbiased	2.027	1.9673	-0.0597
3443	50	LDR Unbiased	2.0131	1.9475	-0.0656
3444	50	LDR Unbiased	2.0615	1.9971	-0.0644
4434	100	LDR Biased	2.0088	1.898	-0.1108
4435	100	LDR Biased	2.0237	1.9077	-0.116
4436	100	LDR Biased	2.0665	1.9497	-0.1168
4437	100	LDR Biased	1.9549	1.8358	-0.1191
4438	100	LDR Biased	2.0128	1.8975	-0.1153
4439	100	LDR Unbiased	1.9772	1.8564	-0.1208
4440	100	LDR Unbiased	1.9716	1.8559	-0.1157
4441	100	LDR Unbiased	2.027	1.9119	-0.1151
4443	100	LDR Unbiased	2.0131	1.8917	-0.1214
4444	100	LDR Unbiased	2.0615	1.9358	-0.1257
4500	150	LDR Biased	2.0181	1.8427	-0.1754
4501	150	LDR Biased	2.0148	1.8442	-0.1706
4502	150	LDR Biased	2.0153	1.8434	-0.1719
4503	150	LDR Biased	2.0937	1.9166	-0.1771
4504	150	LDR Biased	2.0508	1.8794	-0.1714
4505	150	LDR Unbiased	2.0743	1.9113	-0.163
4506	150	LDR Unbiased	2.1031	1.9322	-0.1709
4507	150	LDR Unbiased	2.0882	1.9219	-0.1663
4508	150	LDR Unbiased	2.1127	1.9412	-0.1715
4509	150	LDR Unbiased	2.0665	1.8943	-0.1722

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	2.0131	2.0201	2.027	0.0098288	2.1206	2.1328	2.145	0.017253	0.1075	0.11275	0.118	0.0074246
3	1.9607	2.0512	2.1371	0.056057	1.9562	2.0451	2.1328	0.055743	-0.0097	-0.0060556	-0.0035	0.0024658
10	1.9607	2.0512	2.1371	0.056057	1.9475	2.0358	2.123	0.056014	-0.0188	-0.015356	-0.0132	0.0024536
30	1.9549	2.0117	2.0665	0.036358	1.9091	1.9678	2.0243	0.036748	-0.0475	-0.04388	-0.0408	0.0026807
50	1.9549	2.0117	2.0665	0.036358	1.8903	1.9484	2.006	0.036785	-0.0656	-0.06333	-0.0597	0.0022949
100	1.9549	2.0117	2.0665	0.036358	1.8358	1.894	1.9497	0.035969	-0.1257	-0.11767	-0.1108	0.0041777
150	2.0148	2.0637	2.1127	0.037347	1.8427	1.8927	1.9412	0.038216	-0.1771	-0.17103	-0.163	0.0040205

Device Test: 106.2 PGOOD Internal Resistance VIN_12V

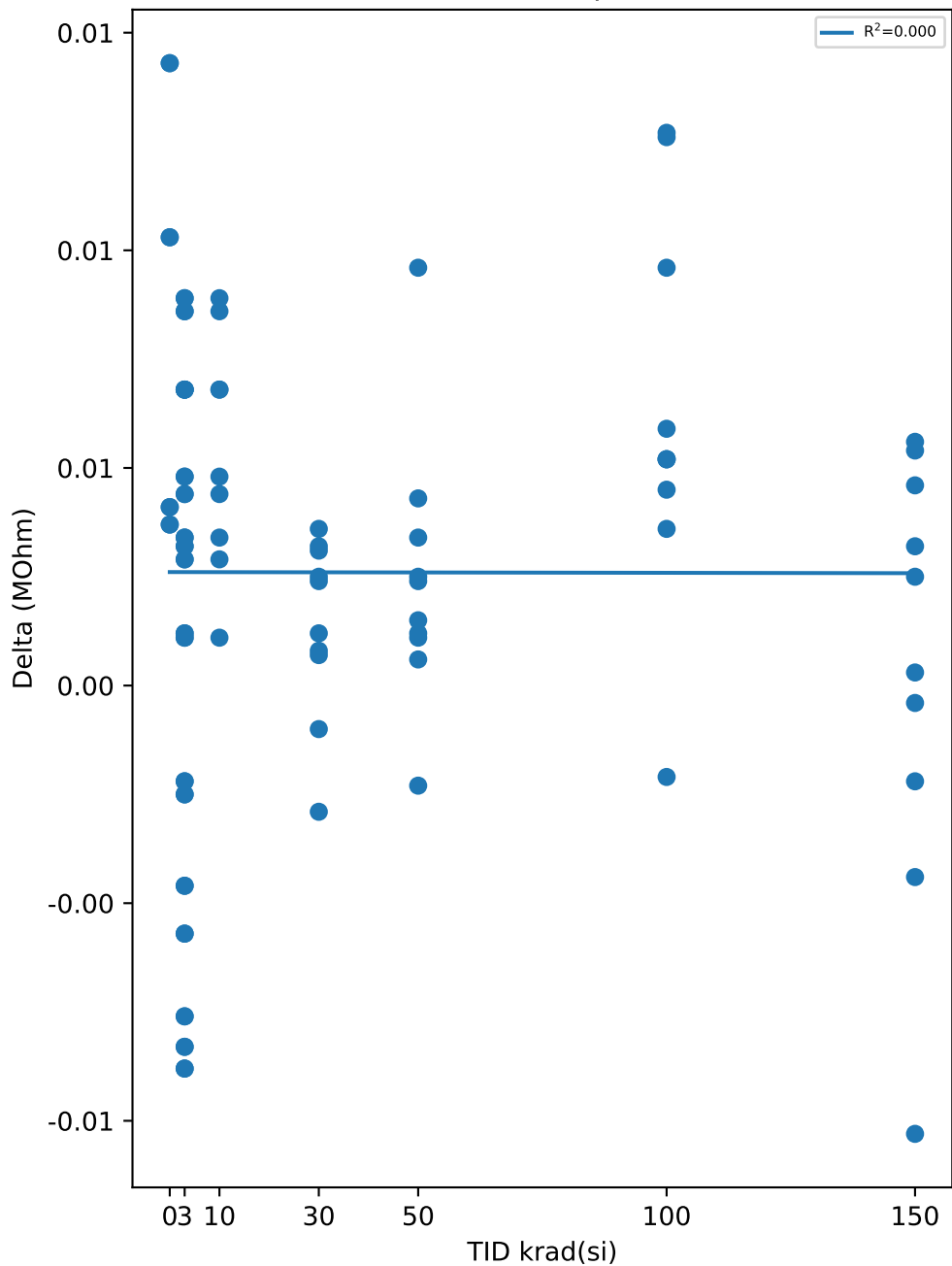
TID vs Result Stats



Test Results (Lower Limit = 0.7, Upper Limit = 1.9 (MOhm))

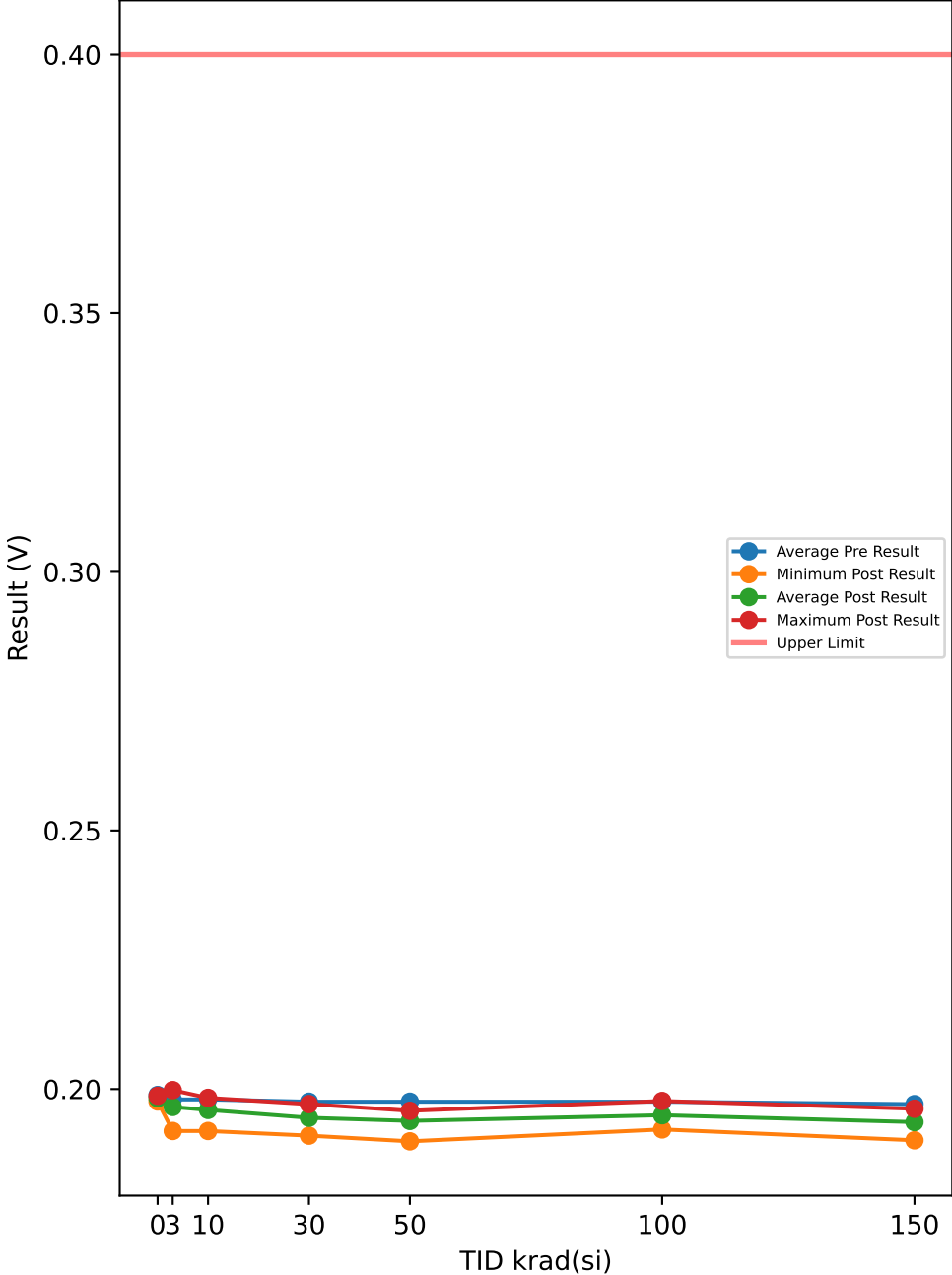
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.0394	1.0497	0.0103
2	0	CORRELATION	1.0602	1.0639	0.0037
259	3	LDR Biased	1.0519	1.0497	-0.0022
426	3	LDR Biased	1.0675	1.0618	-0.0057
427	3	LDR Biased	1.0556	1.0468	-0.0088
428	3	LDR Biased	1.0542	1.0517	-0.0025
429	3	LDR Unbiased	1.0933	1.085	-0.0083
430	3	LDR Unbiased	1.0417	1.0371	-0.0046
431	3	LDR Unbiased	1.0365	1.0377	0.0012
432	3	LDR Unbiased	1.037	1.0294	-0.0076
433	3	LDR Unbiased	1.0435	1.0467	0.0032
1259	10	LDR Biased	1.0519	1.0567	0.0048
1426	10	LDR Biased	1.0675	1.0761	0.0086
1427	10	LDR Biased	1.0556	1.0645	0.0089
1428	10	LDR Biased	1.0542	1.0553	0.0011
1429	10	LDR Unbiased	1.0933	1.0967	0.0034
1430	10	LDR Unbiased	1.0417	1.0485	0.0068
1431	10	LDR Unbiased	1.0365	1.0433	0.0068
1432	10	LDR Unbiased	1.037	1.0414	0.0044
1433	10	LDR Unbiased	1.0435	1.0464	0.0029
2434	30	LDR Biased	1.0788	1.0812	0.0024
2435	30	LDR Biased	1.0627	1.0652	0.0025
2436	30	LDR Biased	1.0354	1.0362	0.0008
2437	30	LDR Biased	1.0485	1.0497	0.0012
2438	30	LDR Biased	1.0421	1.0452	0.0031
2439	30	LDR Unbiased	1.0711	1.0682	-0.0029
2440	30	LDR Unbiased	1.0778	1.0785	0.0007
2441	30	LDR Unbiased	1.0394	1.043	0.0036
2443	30	LDR Unbiased	1.0602	1.0592	-0.001
2444	30	LDR Unbiased	1.0461	1.0493	0.0032
3434	50	LDR Biased	1.0788	1.0794	0.0006
3435	50	LDR Biased	1.0627	1.0639	0.0012
3436	50	LDR Biased	1.0354	1.0388	0.0034
3437	50	LDR Biased	1.0485	1.0462	-0.0023
3438	50	LDR Biased	1.0421	1.0445	0.0024
3439	50	LDR Unbiased	1.0711	1.0722	0.0011
3440	50	LDR Unbiased	1.0778	1.0874	0.0096
3441	50	LDR Unbiased	1.0394	1.0419	0.0025
3443	50	LDR Unbiased	1.0602	1.0617	0.0015
3444	50	LDR Unbiased	1.0461	1.0504	0.0043
4434	100	LDR Biased	1.0788	1.0915	0.0127
4435	100	LDR Biased	1.0627	1.0753	0.0126
4436	100	LDR Biased	1.0354	1.0413	0.0059
4437	100	LDR Biased	1.0485	1.0537	0.0052
4438	100	LDR Biased	1.0421	1.0517	0.0096
4439	100	LDR Unbiased	1.0711	1.069	-0.0021
4440	100	LDR Unbiased	1.0778	1.0823	0.0045
4441	100	LDR Unbiased	1.0394	1.0446	0.0052
4443	100	LDR Unbiased	1.0602	1.0654	0.0052
4444	100	LDR Unbiased	1.0461	1.0497	0.0036
4500	150	LDR Biased	1.0858	1.0914	0.0056
4501	150	LDR Biased	1.0822	1.0868	0.0046
4502	150	LDR Biased	1.0548	1.0544	-0.0004
4503	150	LDR Biased	1.0558	1.0514	-0.0044
4504	150	LDR Biased	1.0475	1.0453	-0.0022
4505	150	LDR Unbiased	1.052	1.0552	0.0032
4506	150	LDR Unbiased	1.037	1.0424	0.0054
4507	150	LDR Unbiased	1.0725	1.0728	0.0003
4508	150	LDR Unbiased	1.0482	1.0507	0.0025
4509	150	LDR Unbiased	1.0666	1.0563	-0.0103

TID vs Post - Pre Exposure Delta



Device Test: 107.0 PGOOD Logic Low Outupt

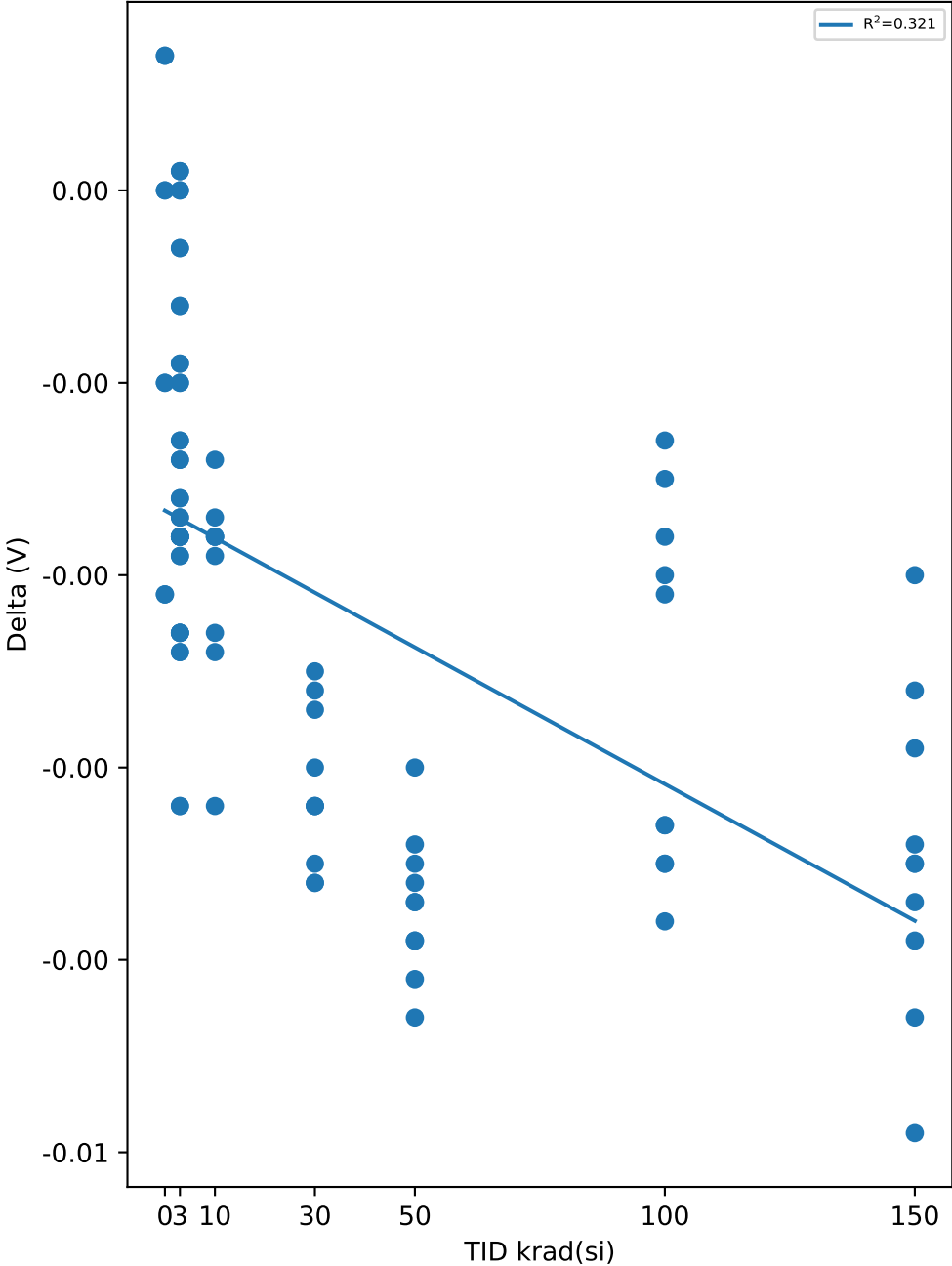
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.198	0.1987	0.0007
2	0	CORRELATION	0.1997	0.1987	-0.001
259	3	LDR Biased	0.1948	0.1935	-0.0013
426	3	LDR Biased	0.1984	0.1978	-0.0006
427	3	LDR Biased	0.1997	0.1998	0.0001
428	3	LDR Biased	0.1994	0.1984	-0.001
429	3	LDR Unbiased	0.1943	0.1934	-0.0009
430	3	LDR Unbiased	0.1978	0.1975	-0.0003
431	3	LDR Unbiased	0.2001	0.1985	-0.0016
432	3	LDR Unbiased	0.1979	0.1979	0
433	3	LDR Unbiased	0.1996	0.1973	-0.0023
1259	10	LDR Biased	0.1948	0.1931	-0.0017
1426	10	LDR Biased	0.1984	0.1952	-0.0032
1427	10	LDR Biased	0.1997	0.1974	-0.0023
1428	10	LDR Biased	0.1994	0.198	-0.0014
1429	10	LDR Unbiased	0.1943	0.1919	-0.0024
1430	10	LDR Unbiased	0.1978	0.196	-0.0018
1431	10	LDR Unbiased	0.2001	0.1983	-0.0018
1432	10	LDR Unbiased	0.1979	0.196	-0.0019
1433	10	LDR Unbiased	0.1996	0.1978	-0.0018
2434	30	LDR Biased	0.1983	0.1951	-0.0032
2435	30	LDR Biased	0.1997	0.1962	-0.0035
2436	30	LDR Biased	0.1985	0.1949	-0.0036
2437	30	LDR Biased	0.197	0.1938	-0.0032
2438	30	LDR Biased	0.1964	0.1928	-0.0036
2439	30	LDR Unbiased	0.1935	0.191	-0.0025
2440	30	LDR Unbiased	0.1965	0.1938	-0.0027
2441	30	LDR Unbiased	0.198	0.195	-0.003
2443	30	LDR Unbiased	0.1997	0.1971	-0.0026
2444	30	LDR Unbiased	0.198	0.1948	-0.0032
3434	50	LDR Biased	0.1983	0.1944	-0.0039
3435	50	LDR Biased	0.1997	0.1956	-0.0041
3436	50	LDR Biased	0.1985	0.1948	-0.0037
3437	50	LDR Biased	0.197	0.1936	-0.0034
3438	50	LDR Biased	0.1964	0.1927	-0.0037
3439	50	LDR Unbiased	0.1935	0.1899	-0.0036
3440	50	LDR Unbiased	0.1965	0.1922	-0.0043
3441	50	LDR Unbiased	0.198	0.195	-0.003
3443	50	LDR Unbiased	0.1997	0.1958	-0.0039
3444	50	LDR Unbiased	0.198	0.1945	-0.0035
4434	100	LDR Biased	0.1983	0.1945	-0.0038
4435	100	LDR Biased	0.1997	0.1962	-0.0035
4436	100	LDR Biased	0.1985	0.1952	-0.0033
4437	100	LDR Biased	0.197	0.1937	-0.0033
4438	100	LDR Biased	0.1964	0.1929	-0.0035
4439	100	LDR Unbiased	0.1935	0.1922	-0.0013
4440	100	LDR Unbiased	0.1965	0.1944	-0.0021
4441	100	LDR Unbiased	0.198	0.1962	-0.0018
4443	100	LDR Unbiased	0.1997	0.1977	-0.002
4444	100	LDR Unbiased	0.198	0.1965	-0.0015
4500	150	LDR Biased	0.1984	0.1935	-0.0049
4501	150	LDR Biased	0.1972	0.1929	-0.0043
4502	150	LDR Biased	0.1943	0.1908	-0.0035
4503	150	LDR Biased	0.1986	0.196	-0.0026
4504	150	LDR Biased	0.1969	0.1932	-0.0037
4505	150	LDR Unbiased	0.1981	0.1942	-0.0039
4506	150	LDR Unbiased	0.1991	0.1962	-0.0029
4507	150	LDR Unbiased	0.1974	0.194	-0.0034
4508	150	LDR Unbiased	0.1988	0.1953	-0.0035
4509	150	LDR Unbiased	0.1921	0.1901	-0.002

TID vs Post - Pre Exposure Delta

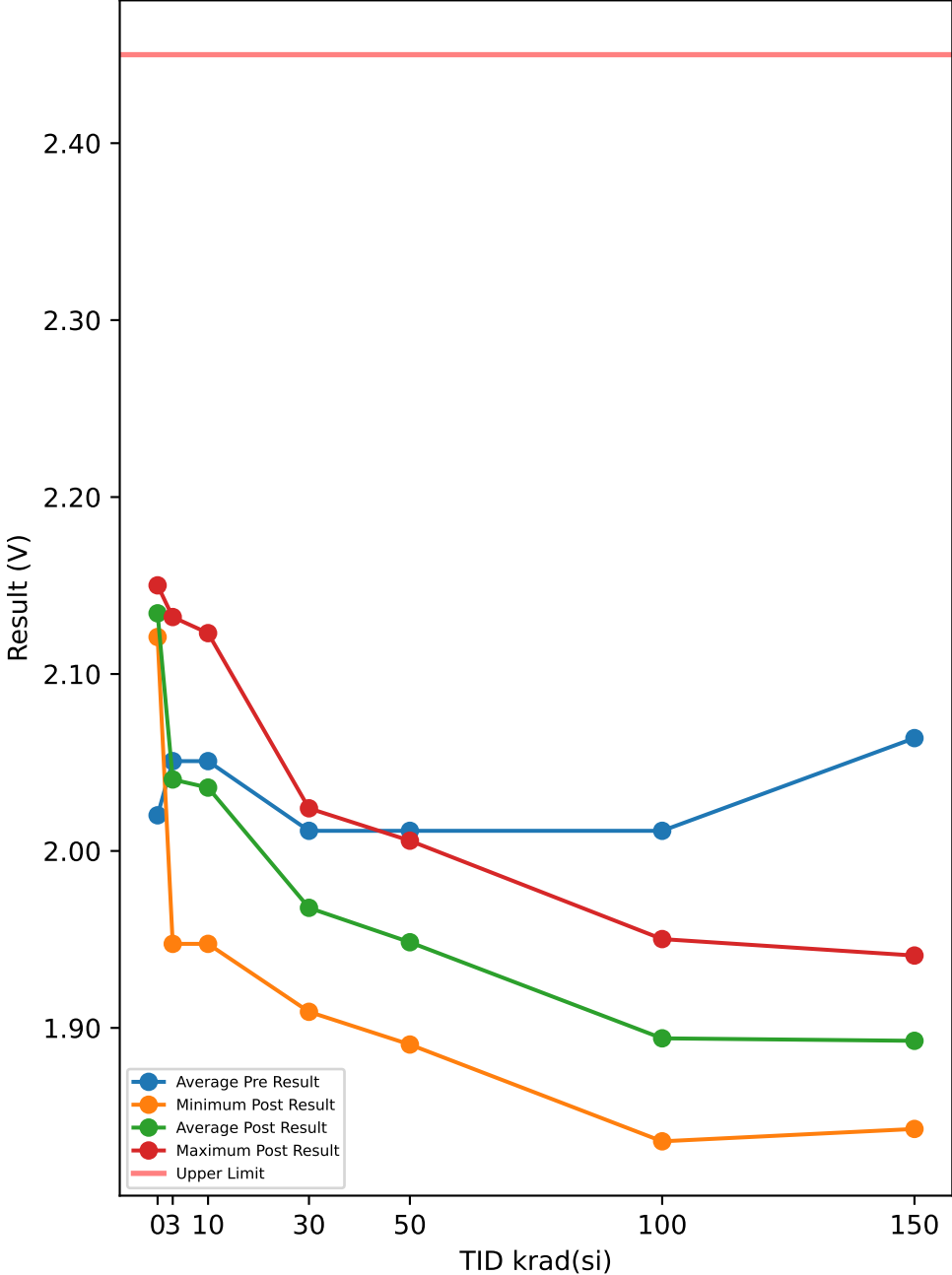


Test Statistics (V)

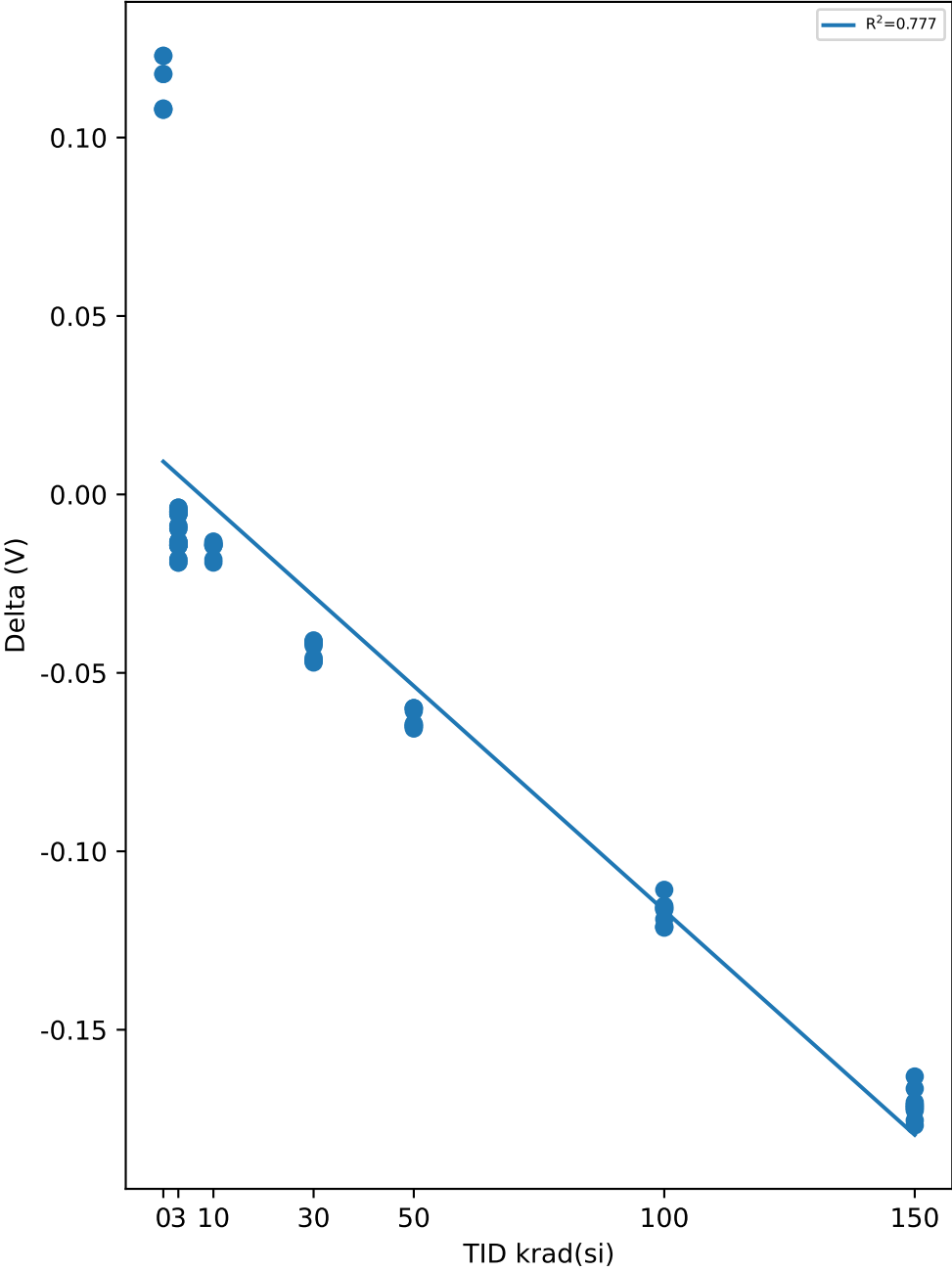
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.198	0.19885	0.1997	0.0012021	0.1987	0.1987	0.1987	0	-0.001	-0.00015	0.0007	0.0012021
3	0.1943	0.198	0.2001	0.0021201	0.1934	0.19712	0.1998	0.0022055	-0.0023	-0.00087778	0.0001	0.00078067
10	0.1943	0.198	0.2001	0.0021201	0.1919	0.19597	0.1983	0.0022456	-0.0032	-0.0020333	-0.0014	0.00053151
30	0.1935	0.19756	0.1997	0.0018332	0.191	0.19445	0.1971	0.0017193	-0.0036	-0.00311	-0.0025	0.00040401
50	0.1935	0.19756	0.1997	0.0018332	0.1899	0.19385	0.1958	0.0018112	-0.0043	-0.00371	-0.003	0.00036953
100	0.1935	0.19756	0.1997	0.0018332	0.1922	0.19495	0.1977	0.0017316	-0.0038	-0.00261	-0.0013	0.00095388
150	0.1921	0.19709	0.1991	0.0022313	0.1901	0.19362	0.1962	0.0020187	-0.0049	-0.00347	-0.002	0.0008314

Device Test: 107.1 Min BP5L for Valid PGOOD

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 2.45 (V))

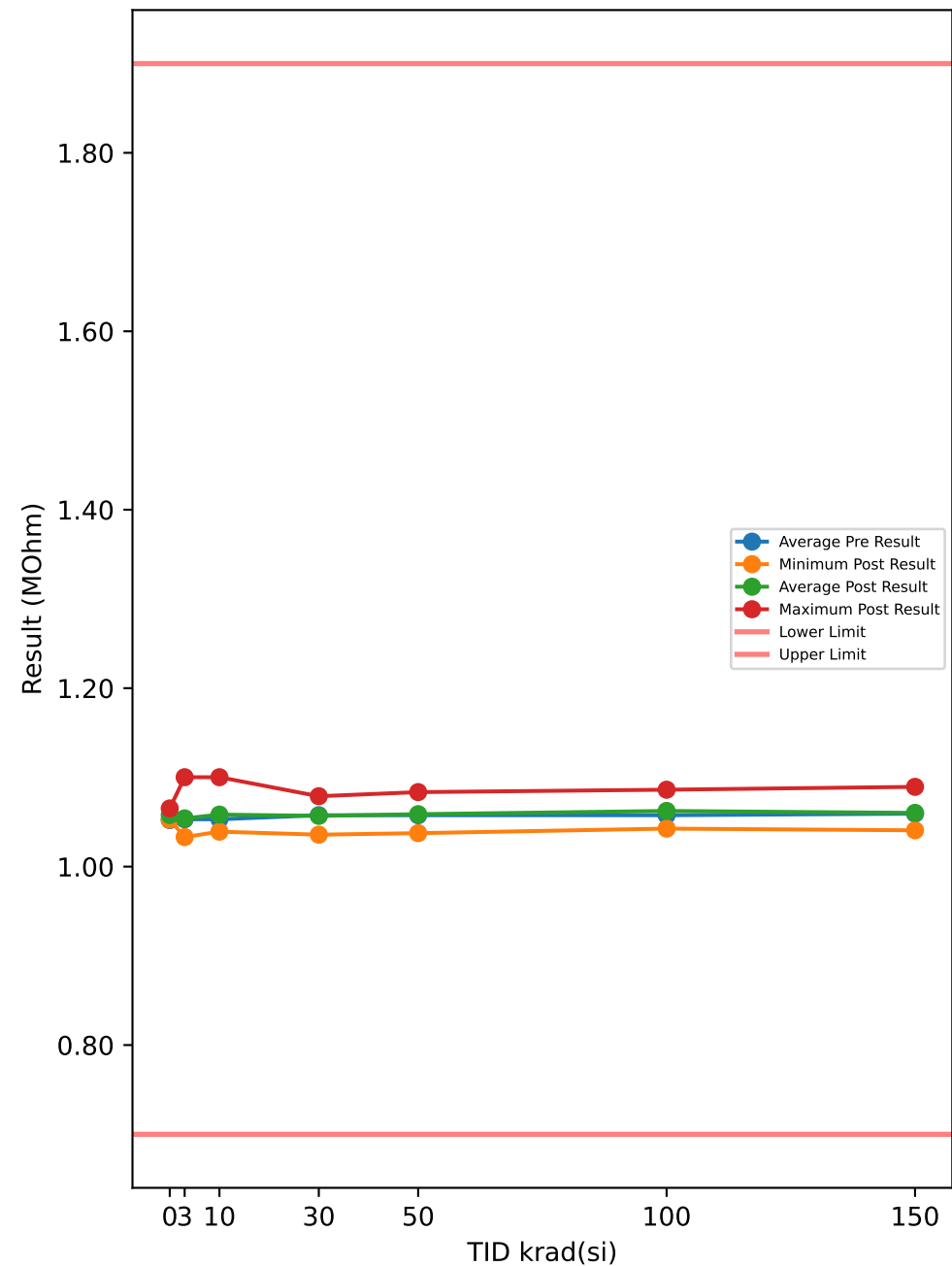
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.0272	2.145	0.1178
2	0	CORRELATION	2.0131	2.1209	0.1078
259	3	LDR Biased	2.0142	2.0094	-0.0048
426	3	LDR Biased	2.0283	2.0187	-0.0096
427	3	LDR Biased	2.0898	2.0843	-0.0055
428	3	LDR Biased	2.1371	2.1322	-0.0049
429	3	LDR Unbiased	1.9607	1.9565	-0.0042
430	3	LDR Unbiased	2.074	2.0691	-0.0049
431	3	LDR Unbiased	2.0646	2.0558	-0.0088
432	3	LDR Unbiased	2.0949	2.0894	-0.0055
433	3	LDR Unbiased	1.9933	1.9896	-0.0037
1259	10	LDR Biased	2.0142	1.9999	-0.0143
1426	10	LDR Biased	2.0283	2.0149	-0.0134
1427	10	LDR Biased	2.0898	2.0755	-0.0143
1428	10	LDR Biased	2.1371	2.1231	-0.014
1429	10	LDR Unbiased	1.9607	1.9475	-0.0132
1430	10	LDR Unbiased	2.074	2.0597	-0.0143
1431	10	LDR Unbiased	2.0646	2.0455	-0.0191
1432	10	LDR Unbiased	2.0949	2.081	-0.0139
1433	10	LDR Unbiased	1.9933	1.9751	-0.0182
2434	30	LDR Biased	2.0088	1.9673	-0.0415
2435	30	LDR Biased	2.0239	1.9771	-0.0468
2436	30	LDR Biased	2.0665	2.0241	-0.0424
2437	30	LDR Biased	1.9549	1.9091	-0.0458
2438	30	LDR Biased	2.013	1.9718	-0.0412
2439	30	LDR Unbiased	1.9774	1.9311	-0.0463
2440	30	LDR Unbiased	1.9718	1.93	-0.0418
2441	30	LDR Unbiased	2.0272	1.9863	-0.0409
2443	30	LDR Unbiased	2.0131	1.966	-0.0471
2444	30	LDR Unbiased	2.0572	2.0158	-0.0414
3434	50	LDR Biased	2.0088	1.9439	-0.0649
3435	50	LDR Biased	2.0239	1.9587	-0.0652
3436	50	LDR Biased	2.0665	2.0058	-0.0607
3437	50	LDR Biased	1.9549	1.8906	-0.0643
3438	50	LDR Biased	2.013	1.9486	-0.0644
3439	50	LDR Unbiased	1.9774	1.9125	-0.0649
3440	50	LDR Unbiased	1.9718	1.9119	-0.0599
3441	50	LDR Unbiased	2.0272	1.9673	-0.0599
3443	50	LDR Unbiased	2.0131	1.9475	-0.0656
3444	50	LDR Unbiased	2.0572	1.9973	-0.0599
4434	100	LDR Biased	2.0088	1.898	-0.1108
4435	100	LDR Biased	2.0239	1.9077	-0.1162
4436	100	LDR Biased	2.0665	1.9502	-0.1163
4437	100	LDR Biased	1.9549	1.8359	-0.119
4438	100	LDR Biased	2.013	1.8977	-0.1153
4439	100	LDR Unbiased	1.9774	1.8563	-0.1211
4440	100	LDR Unbiased	1.9718	1.8559	-0.1159
4441	100	LDR Unbiased	2.0272	1.9117	-0.1155
4443	100	LDR Unbiased	2.0131	1.8919	-0.1212
4444	100	LDR Unbiased	2.0572	1.9358	-0.1214
4500	150	LDR Biased	2.0183	1.8429	-0.1754
4501	150	LDR Biased	2.0148	1.8445	-0.1703
4502	150	LDR Biased	2.0152	1.8434	-0.1718
4503	150	LDR Biased	2.0935	1.9167	-0.1768
4504	150	LDR Biased	2.0506	1.8796	-0.171
4505	150	LDR Unbiased	2.0742	1.9111	-0.1631
4506	150	LDR Unbiased	2.1031	1.9319	-0.1712
4507	150	LDR Unbiased	2.0884	1.9219	-0.1665
4508	150	LDR Unbiased	2.1129	1.9409	-0.172
4509	150	LDR Unbiased	2.0667	1.8941	-0.1726

Test Statistics (V)

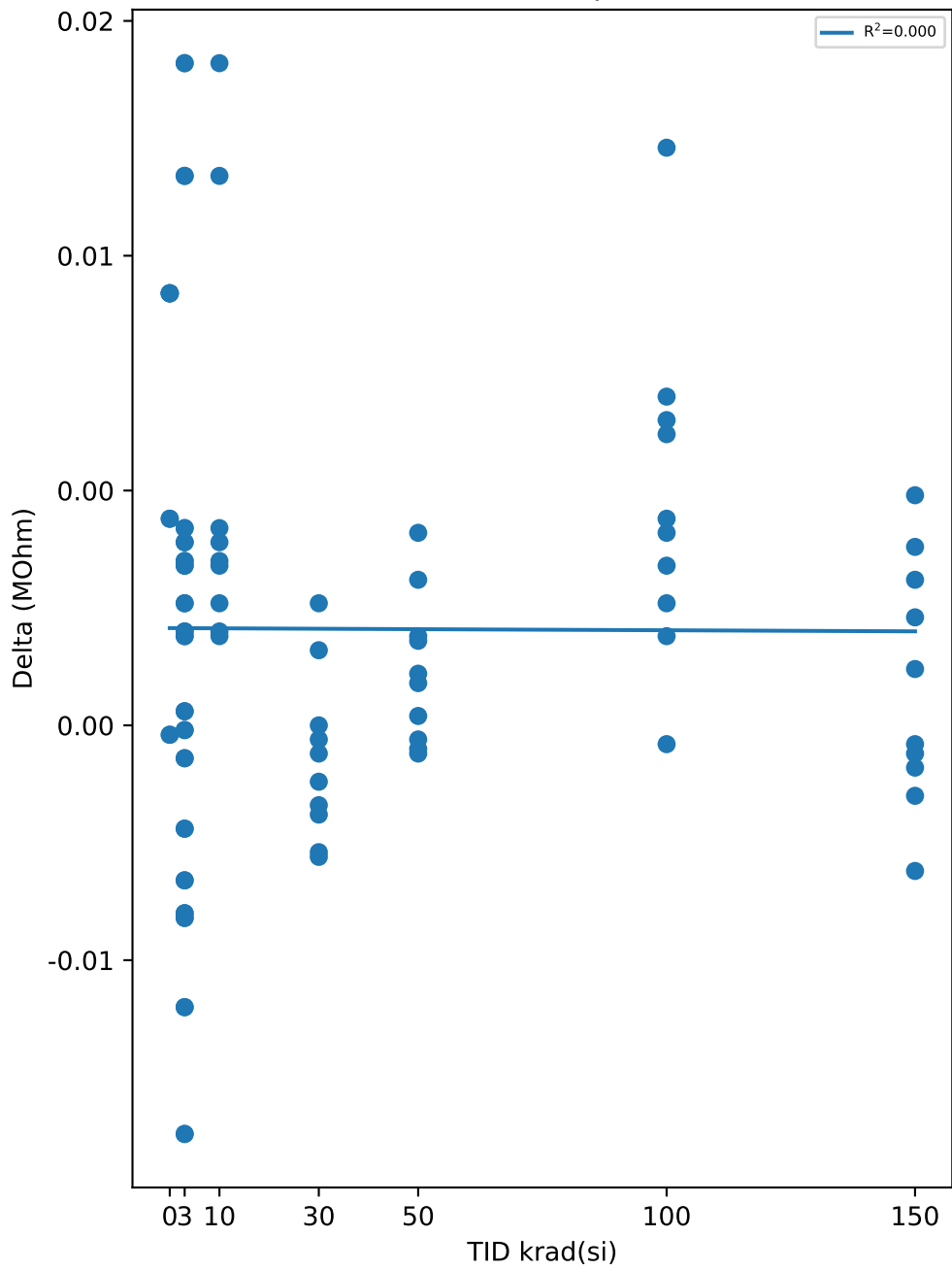
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.0131	2.0202	2.0272	0.0099702	2.1209	2.133	2.145	0.017041	0.1078	0.1128	0.1178	0.0070711
3	1.9607	2.0508	2.1371	0.055803	1.9565	2.045	2.1322	0.05554	-0.0096	-0.0057667	-0.0037	0.0020372
10	1.9607	2.0508	2.1371	0.055803	1.9475	2.0358	2.1231	0.056028	-0.0191	-0.014967	-0.0132	0.0021366
30	1.9549	2.0114	2.0665	0.035696	1.9091	1.9679	2.0241	0.036732	-0.0471	-0.04352	-0.0409	0.0026148
50	1.9549	2.0114	2.0665	0.035696	1.8906	1.9484	2.0058	0.036716	-0.0656	-0.06297	-0.0599	0.0025073
100	1.9549	2.0114	2.0665	0.035696	1.8359	1.8941	1.9502	0.036039	-0.1214	-0.11727	-0.1108	0.003383
150	2.0148	2.0638	2.1129	0.037367	1.8429	1.8927	1.9409	0.038056	-0.1768	-0.17107	-0.1631	0.0039489

Device Test: 107.2 PGOOD Internal Resistance VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 1.9 (MOhm))

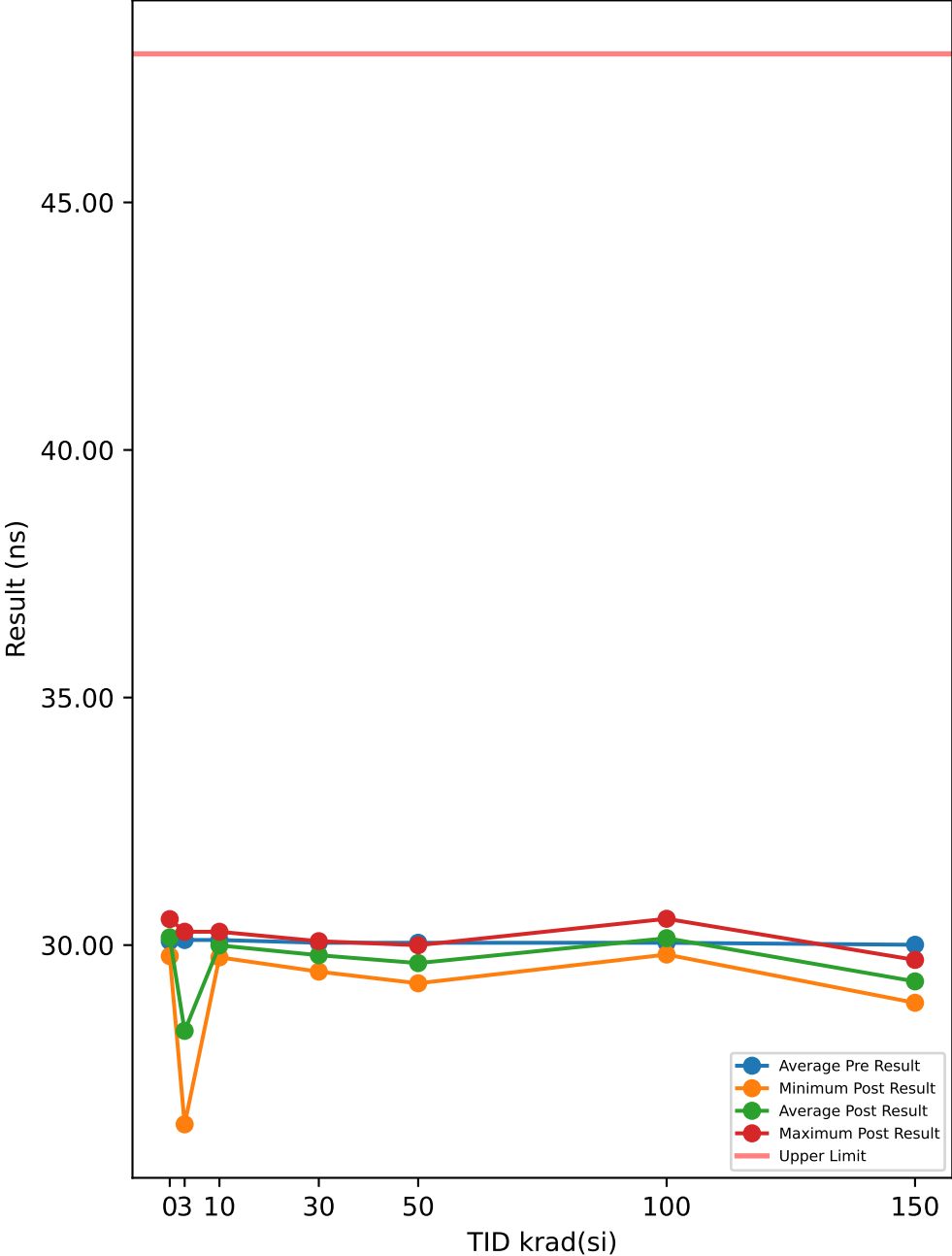
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.0435	1.0527	0.0092
2	0	CORRELATION	1.0608	1.0652	0.0044
259	3	LDR Biased	1.0524	1.0484	-0.004
426	3	LDR Biased	1.0635	1.0638	0.0003
427	3	LDR Biased	1.0574	1.0487	-0.0087
428	3	LDR Biased	1.0561	1.052	-0.0041
429	3	LDR Unbiased	1.0885	1.0852	-0.0033
430	3	LDR Unbiased	1.0431	1.0371	-0.006
431	3	LDR Unbiased	1.0383	1.0376	-0.0007
432	3	LDR Unbiased	1.0353	1.0331	-0.0022
433	3	LDR Unbiased	1.0428	1.0427	-0.0001
1259	10	LDR Biased	1.0524	1.0544	0.002
1426	10	LDR Biased	1.0635	1.0776	0.0141
1427	10	LDR Biased	1.0574	1.0608	0.0034
1428	10	LDR Biased	1.0561	1.058	0.0019
1429	10	LDR Unbiased	1.0885	1.1002	0.0117
1430	10	LDR Unbiased	1.0431	1.0473	0.0042
1431	10	LDR Unbiased	1.0383	1.0409	0.0026
1432	10	LDR Unbiased	1.0353	1.0392	0.0039
1433	10	LDR Unbiased	1.0428	1.0463	0.0035
2434	30	LDR Biased	1.0797	1.078	-0.0017
2435	30	LDR Biased	1.0636	1.0617	-0.0019
2436	30	LDR Biased	1.0364	1.0358	-0.0006
2437	30	LDR Biased	1.0458	1.0484	0.0026
2438	30	LDR Biased	1.0438	1.0438	0
2439	30	LDR Unbiased	1.0716	1.0688	-0.0028
2440	30	LDR Unbiased	1.0816	1.0789	-0.0027
2441	30	LDR Unbiased	1.0435	1.0432	-0.0003
2443	30	LDR Unbiased	1.0608	1.0596	-0.0012
2444	30	LDR Unbiased	1.0491	1.0507	0.0016
3434	50	LDR Biased	1.0797	1.0806	0.0009
3435	50	LDR Biased	1.0636	1.0667	0.0031
3436	50	LDR Biased	1.0364	1.0375	0.0011
3437	50	LDR Biased	1.0458	1.0476	0.0018
3438	50	LDR Biased	1.0438	1.0435	-0.0003
3439	50	LDR Unbiased	1.0716	1.0718	0.0002
3440	50	LDR Unbiased	1.0816	1.0835	0.0019
3441	50	LDR Unbiased	1.0435	1.043	-0.0005
3443	50	LDR Unbiased	1.0608	1.0649	0.0041
3444	50	LDR Unbiased	1.0491	1.0485	-0.0006
4434	100	LDR Biased	1.0797	1.0862	0.0065
4435	100	LDR Biased	1.0636	1.0706	0.007
4436	100	LDR Biased	1.0364	1.0426	0.0062
4437	100	LDR Biased	1.0458	1.0581	0.0123
4438	100	LDR Biased	1.0438	1.0479	0.0041
4439	100	LDR Unbiased	1.0716	1.076	0.0044
4440	100	LDR Unbiased	1.0816	1.0835	0.0019
4441	100	LDR Unbiased	1.0435	1.0469	0.0034
4443	100	LDR Unbiased	1.0608	1.0634	0.0026
4444	100	LDR Unbiased	1.0491	1.0487	-0.0004
4500	150	LDR Biased	1.0863	1.0894	0.0031
4501	150	LDR Biased	1.0794	1.0843	0.0049
4502	150	LDR Biased	1.0517	1.0502	-0.0015
4503	150	LDR Biased	1.054	1.0534	-0.0006
4504	150	LDR Biased	1.0484	1.0475	-0.0009
4505	150	LDR Unbiased	1.0547	1.0559	0.0012
4506	150	LDR Unbiased	1.0384	1.0407	0.0023
4507	150	LDR Unbiased	1.0708	1.0746	0.0038
4508	150	LDR Unbiased	1.0471	1.0467	-0.0004
4509	150	LDR Unbiased	1.0626	1.0595	-0.0031

Test Statistics (MOhm)

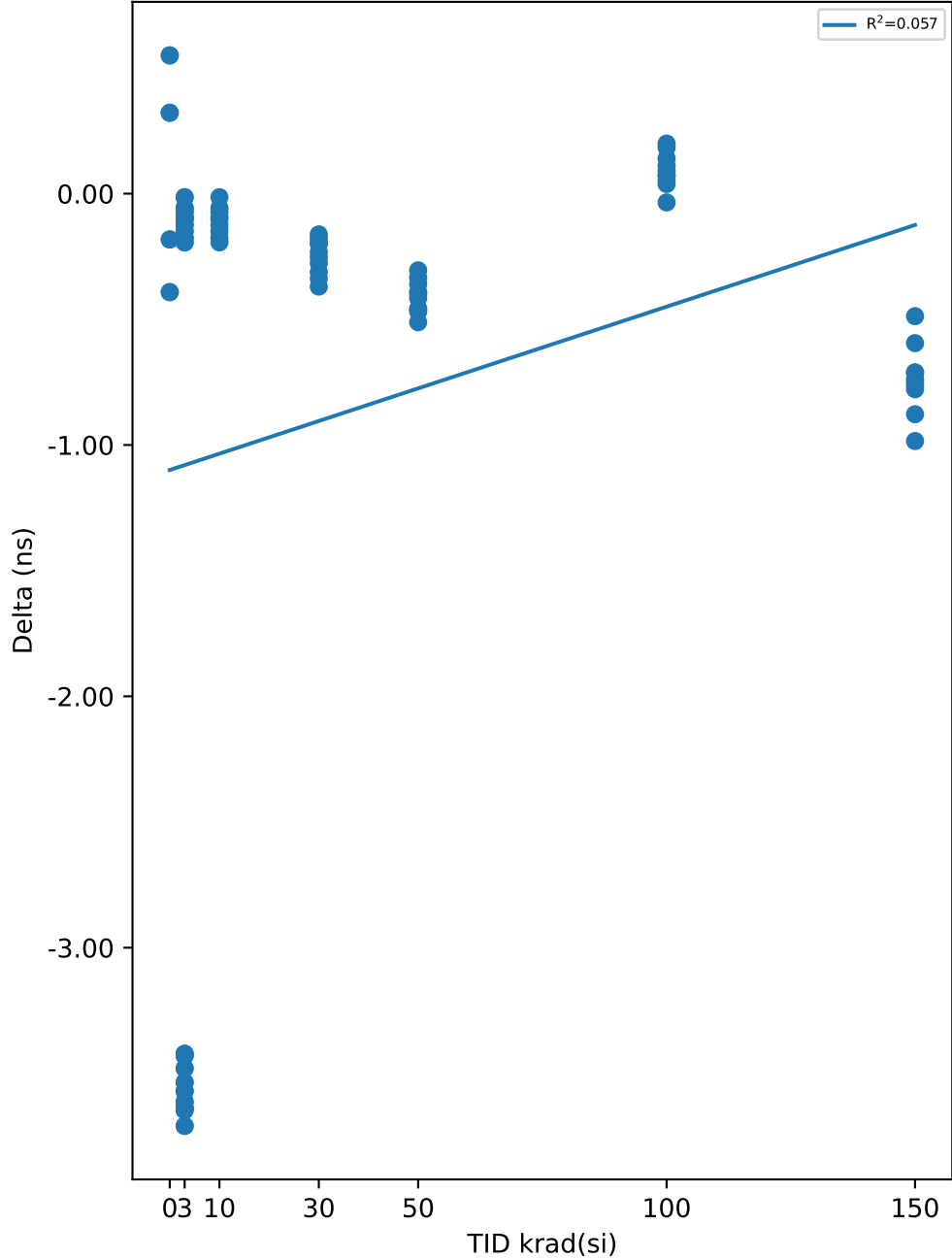
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0435	1.0522	1.0608	0.012233	1.0527	1.0589	1.0652	0.0088388	0.0044	0.0068	0.0092	0.0033941
3	1.0353	1.053	1.0885	0.016322	1.0331	1.0498	1.0852	0.016189	-0.0087	-0.0032	0.0003	0.0029296
10	1.0353	1.053	1.0885	0.016322	1.0392	1.0583	1.1002	0.019628	0.0019	0.0052556	0.0141	0.0044461
30	1.0364	1.0576	1.0816	0.016182	1.0358	1.0569	1.0789	0.014968	-0.0028	-0.0007	0.0026	0.0017619
50	1.0364	1.0576	1.0816	0.016182	1.0375	1.0588	1.0835	0.016743	-0.0006	0.00117	0.0041	0.0015755
100	1.0364	1.0576	1.0816	0.016182	1.0426	1.0624	1.0862	0.016033	-0.0004	0.0048	0.0123	0.0034775
150	1.0384	1.0593	1.0863	0.01523	1.0407	1.0602	1.0894	0.016766	-0.0031	0.00088	0.0049	0.0025871

Device Test: 110.0 Prop Delay LO Off PWM VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 48.0 (ns))

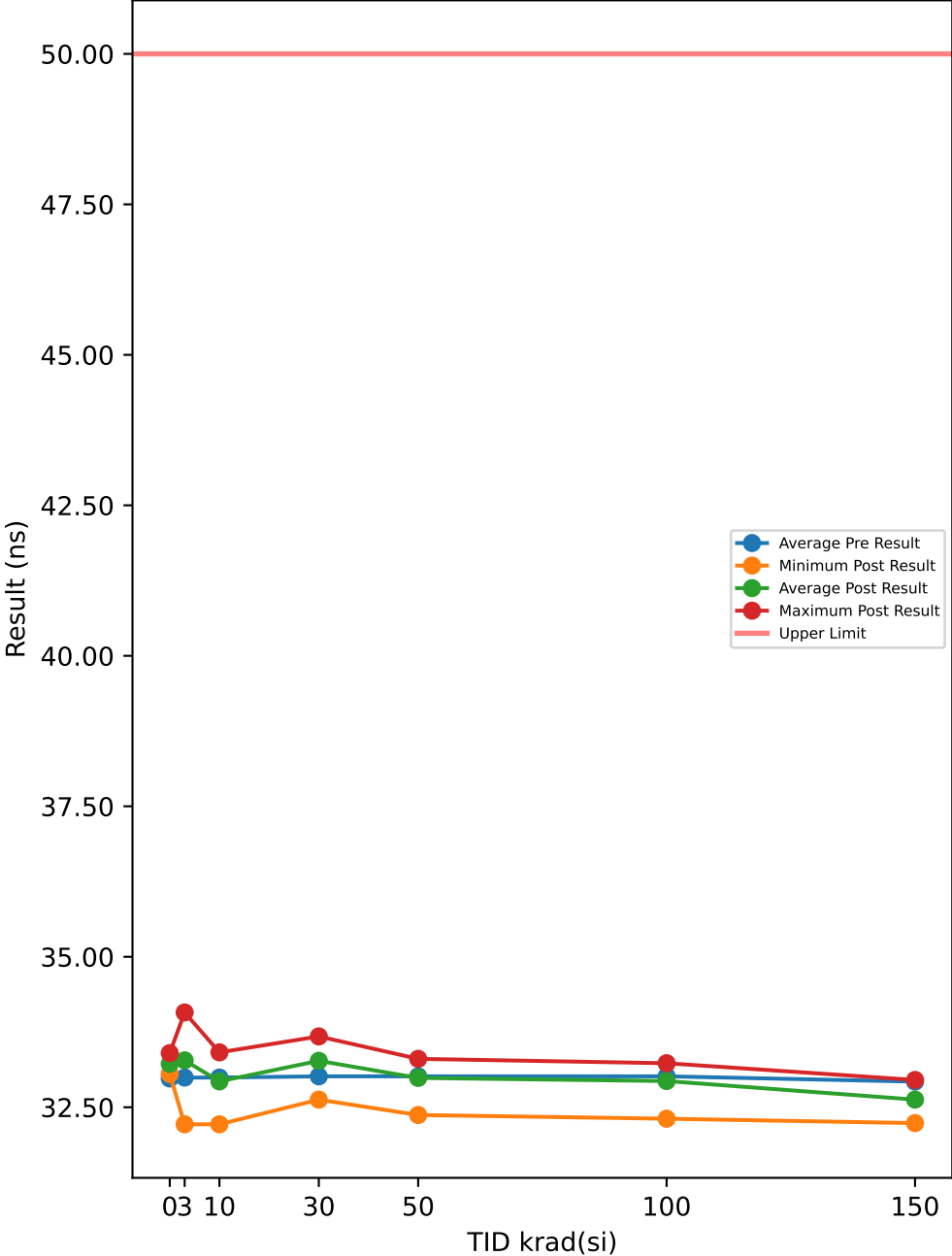
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	30.203	30.525	0.3218
2	0	CORRELATION	29.961	30.511	0.5501
259	3	LDR Biased	30.299	26.652	-3.6466
426	3	LDR Biased	30.326	26.713	-3.6136
427	3	LDR Biased	29.968	26.397	-3.5708
428	3	LDR Biased	30.059	26.579	-3.4802
429	3	LDR Unbiased	29.855	26.426	-3.4297
430	3	LDR Unbiased	30.15	26.614	-3.5357
431	3	LDR Unbiased	30.089	26.38	-3.709
432	3	LDR Unbiased	29.846	26.423	-3.4222
433	3	LDR Unbiased	30.335	26.698	-3.6373
1259	10	LDR Biased	30.299	30.149	-0.1494
1426	10	LDR Biased	30.326	30.27	-0.0569
1427	10	LDR Biased	29.968	29.792	-0.1757
1428	10	LDR Biased	30.059	30.045	-0.0141
1429	10	LDR Unbiased	29.855	29.754	-0.1017
1430	10	LDR Unbiased	30.15	30.025	-0.1249
1431	10	LDR Unbiased	30.089	29.895	-0.1939
1432	10	LDR Unbiased	29.846	29.753	-0.0931
1433	10	LDR Unbiased	30.335	30.264	-0.0719
2434	30	LDR Biased	30.113	29.802	-0.3119
2435	30	LDR Biased	29.626	29.464	-0.1621
2436	30	LDR Biased	30.034	29.664	-0.3698
2437	30	LDR Biased	29.949	29.756	-0.1928
2438	30	LDR Biased	30.015	29.739	-0.2764
2439	30	LDR Unbiased	30.332	30.079	-0.2531
2440	30	LDR Unbiased	30.166	29.933	-0.2329
2441	30	LDR Unbiased	30.203	30.002	-0.2011
2443	30	LDR Unbiased	29.961	29.785	-0.1755
2444	30	LDR Unbiased	30.071	29.733	-0.3378
3434	50	LDR Biased	30.113	29.652	-0.4609
3435	50	LDR Biased	29.626	29.229	-0.3974
3436	50	LDR Biased	30.034	29.564	-0.4694
3437	50	LDR Biased	29.949	29.557	-0.3921
3438	50	LDR Biased	30.015	29.655	-0.3602
3439	50	LDR Unbiased	30.332	29.998	-0.3345
3440	50	LDR Unbiased	30.166	29.654	-0.5115
3441	50	LDR Unbiased	30.203	29.788	-0.4154
3443	50	LDR Unbiased	29.961	29.655	-0.3051
3444	50	LDR Unbiased	30.071	29.614	-0.4574
4434	100	LDR Biased	30.113	30.078	-0.0349
4435	100	LDR Biased	29.626	29.809	0.1832
4436	100	LDR Biased	30.034	30.104	0.0702
4437	100	LDR Biased	29.949	30.002	0.0529
4438	100	LDR Biased	30.015	30.107	0.0916
4439	100	LDR Unbiased	30.332	30.532	0.1992
4440	100	LDR Unbiased	30.166	30.204	0.0384
4441	100	LDR Unbiased	30.203	30.314	0.1115
4443	100	LDR Unbiased	29.961	30.034	0.0738
4444	100	LDR Unbiased	30.071	30.211	0.1402
4500	150	LDR Biased	29.684	28.973	-0.7111
4501	150	LDR Biased	30.479	29.701	-0.7781
4502	150	LDR Biased	30.206	29.611	-0.5948
4503	150	LDR Biased	29.919	29.431	-0.4875
4504	150	LDR Biased	29.685	28.973	-0.7121
4505	150	LDR Unbiased	29.974	29.097	-0.8776
4506	150	LDR Unbiased	29.968	29.206	-0.7621
4507	150	LDR Unbiased	29.573	28.835	-0.7384
4508	150	LDR Unbiased	30.329	29.345	-0.9843
4509	150	LDR Unbiased	30.251	29.501	-0.75

Test Statistics (ns)

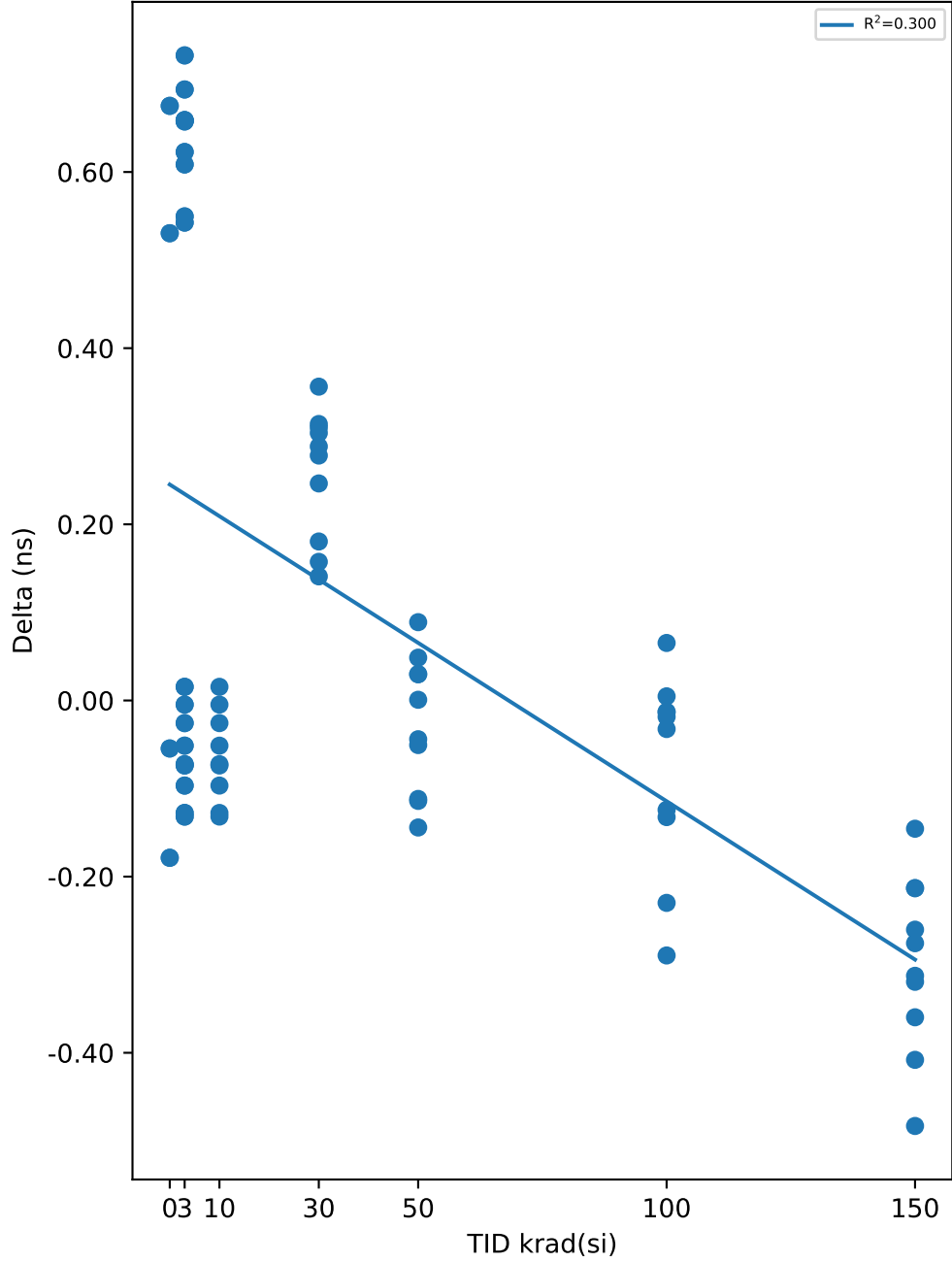
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	29.961	30.082	30.203	0.1714	30.511	30.518	30.525	0.0099702	0.3218	0.43595	0.5501	0.16143
3	29.846	30.103	30.335	0.19115	26.38	26.543	26.713	0.13555	-3.709	-3.5606	-3.4222	0.10099
10	29.846	30.103	30.335	0.19115	29.753	29.994	30.27	0.20699	-0.1939	-0.10907	-0.0141	0.058035
30	29.626	30.047	30.332	0.18865	29.464	29.796	30.079	0.17574	-0.3698	-0.25134	-0.1621	0.071347
50	29.626	30.047	30.332	0.18865	29.229	29.637	29.998	0.1924	-0.5115	-0.41039	-0.3051	0.065285
100	29.626	30.047	30.332	0.18865	29.809	30.14	30.532	0.19401	-0.0349	0.09261	0.1992	0.069778
150	29.573	30.007	30.479	0.30409	28.835	29.267	29.701	0.29572	-0.9843	-0.7396	-0.4875	0.13626

Device Test: 110.1 Prop Delay HO Off PWM VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 50.0 (ns))

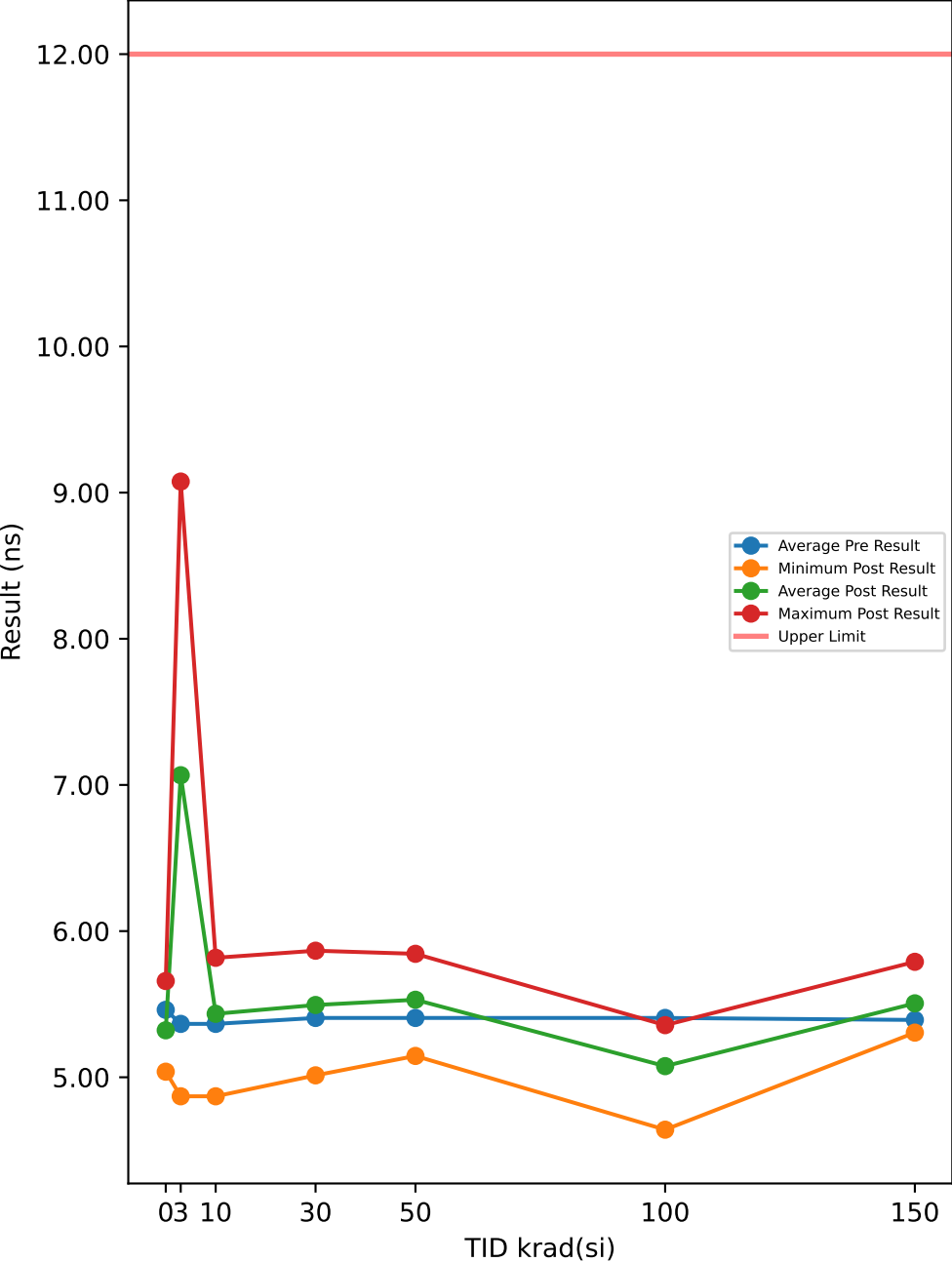
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	33.232	33.178	-0.0545
2	0	CORRELATION	32.724	33.399	0.6751
259	3	LDR Biased	33.416	34.075	0.6585
426	3	LDR Biased	33.305	33.927	0.6227
427	3	LDR Biased	32.289	32.946	0.6574
428	3	LDR Biased	32.875	33.534	0.659
429	3	LDR Unbiased	33.135	33.743	0.6086
430	3	LDR Unbiased	32.889	33.582	0.6937
431	3	LDR Unbiased	32.917	33.467	0.5496
432	3	LDR Unbiased	33.097	33.829	0.7324
433	3	LDR Unbiased	33.014	33.557	0.5426
1259	10	LDR Biased	33.416	33.412	-0.0047
1426	10	LDR Biased	33.305	33.208	-0.0966
1427	10	LDR Biased	32.289	32.217	-0.0723
1428	10	LDR Biased	32.875	32.824	-0.0513
1429	10	LDR Unbiased	33.135	33.003	-0.1318
1430	10	LDR Unbiased	32.889	32.863	-0.0257
1431	10	LDR Unbiased	32.917	32.79	-0.1277
1432	10	LDR Unbiased	33.097	33.112	0.0155
1433	10	LDR Unbiased	33.014	32.941	-0.0738
2434	30	LDR Biased	33.388	33.677	0.2884
2435	30	LDR Biased	32.323	32.627	0.3037
2436	30	LDR Biased	33.355	33.512	0.1574
2437	30	LDR Biased	32.773	32.953	0.1805
2438	30	LDR Biased	32.966	33.107	0.1409
2439	30	LDR Unbiased	33.227	33.537	0.3098
2440	30	LDR Unbiased	32.922	33.168	0.2464
2441	30	LDR Unbiased	33.232	33.51	0.2781
2443	30	LDR Unbiased	32.724	33.081	0.3563
2444	30	LDR Unbiased	33.229	33.543	0.3139
3434	50	LDR Biased	33.388	33.244	-0.1442
3435	50	LDR Biased	32.323	32.371	0.0486
3436	50	LDR Biased	33.355	33.304	-0.0506
3437	50	LDR Biased	32.773	32.773	0.0008
3438	50	LDR Biased	32.966	32.855	-0.1118
3439	50	LDR Unbiased	33.227	33.257	0.0298
3440	50	LDR Unbiased	32.922	32.808	-0.114
3441	50	LDR Unbiased	33.232	33.188	-0.044
3443	50	LDR Unbiased	32.724	32.813	0.0889
3444	50	LDR Unbiased	33.229	33.259	0.0299
4434	100	LDR Biased	33.388	33.099	-0.2895
4435	100	LDR Biased	32.323	32.31	-0.0131
4436	100	LDR Biased	33.355	33.231	-0.1242
4437	100	LDR Biased	32.773	32.64	-0.1324
4438	100	LDR Biased	32.966	32.737	-0.2298
4439	100	LDR Unbiased	33.227	33.231	0.0047
4440	100	LDR Unbiased	32.922	32.889	-0.0324
4441	100	LDR Unbiased	33.232	33.219	-0.0129
4443	100	LDR Unbiased	32.724	32.79	0.0653
4444	100	LDR Unbiased	33.229	33.21	-0.0185
4500	150	LDR Biased	32.882	32.606	-0.2756
4501	150	LDR Biased	33.362	32.954	-0.408
4502	150	LDR Biased	32.944	32.731	-0.2132
4503	150	LDR Biased	32.802	32.482	-0.3194
4504	150	LDR Biased	32.541	32.328	-0.213
4505	150	LDR Unbiased	33.17	32.687	-0.4831
4506	150	LDR Unbiased	33.036	32.776	-0.2602
4507	150	LDR Unbiased	32.382	32.237	-0.1456
4508	150	LDR Unbiased	33.044	32.732	-0.3126
4509	150	LDR Unbiased	33.099	32.739	-0.3597

Test Statistics (ns)

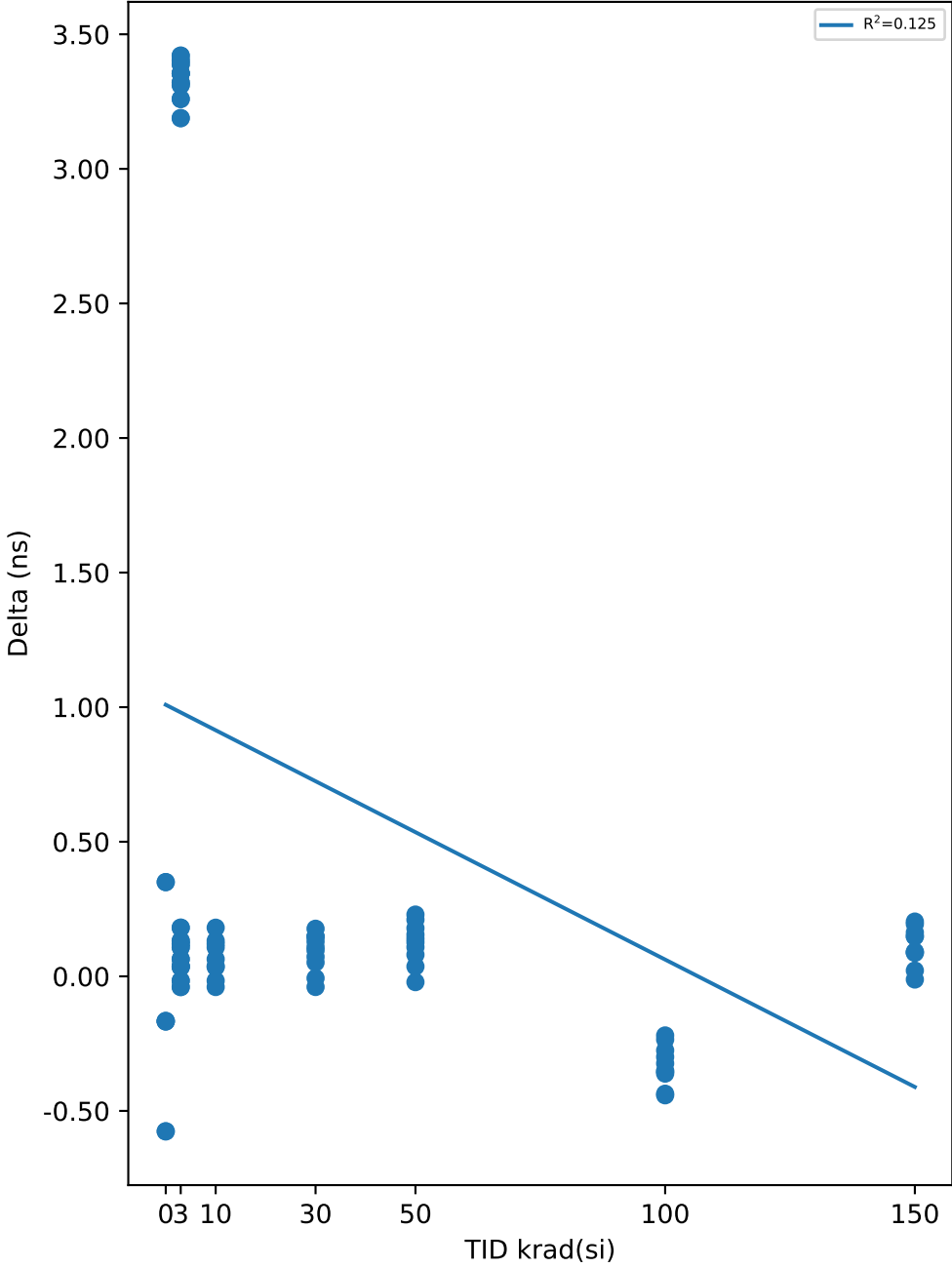
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.724	32.978	33.232	0.359	33.178	33.288	33.399	0.15691	-0.0545	0.3103	0.6751	0.51591
3	32.289	32.993	33.416	0.32289	32.946	33.629	34.075	0.32592	0.5426	0.63606	0.7324	0.062482
10	32.289	32.993	33.416	0.32289	32.217	32.93	33.412	0.33401	-0.1318	-0.063156	0.0155	0.051649
30	32.323	33.014	33.388	0.33762	32.627	33.271	33.677	0.3357	0.1409	0.25754	0.3563	0.07368
50	32.323	33.014	33.388	0.33762	32.371	32.987	33.304	0.30877	-0.1442	-0.02666	0.0889	0.078688
100	32.323	33.014	33.388	0.33762	32.31	32.936	33.231	0.31607	-0.2895	-0.07828	0.0653	0.1127
150	32.382	32.926	33.362	0.29194	32.237	32.627	32.954	0.21858	-0.4831	-0.29904	-0.1456	0.10022

Device Test: 110.10 Delay Match LO On HO Off IIM Interlock VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

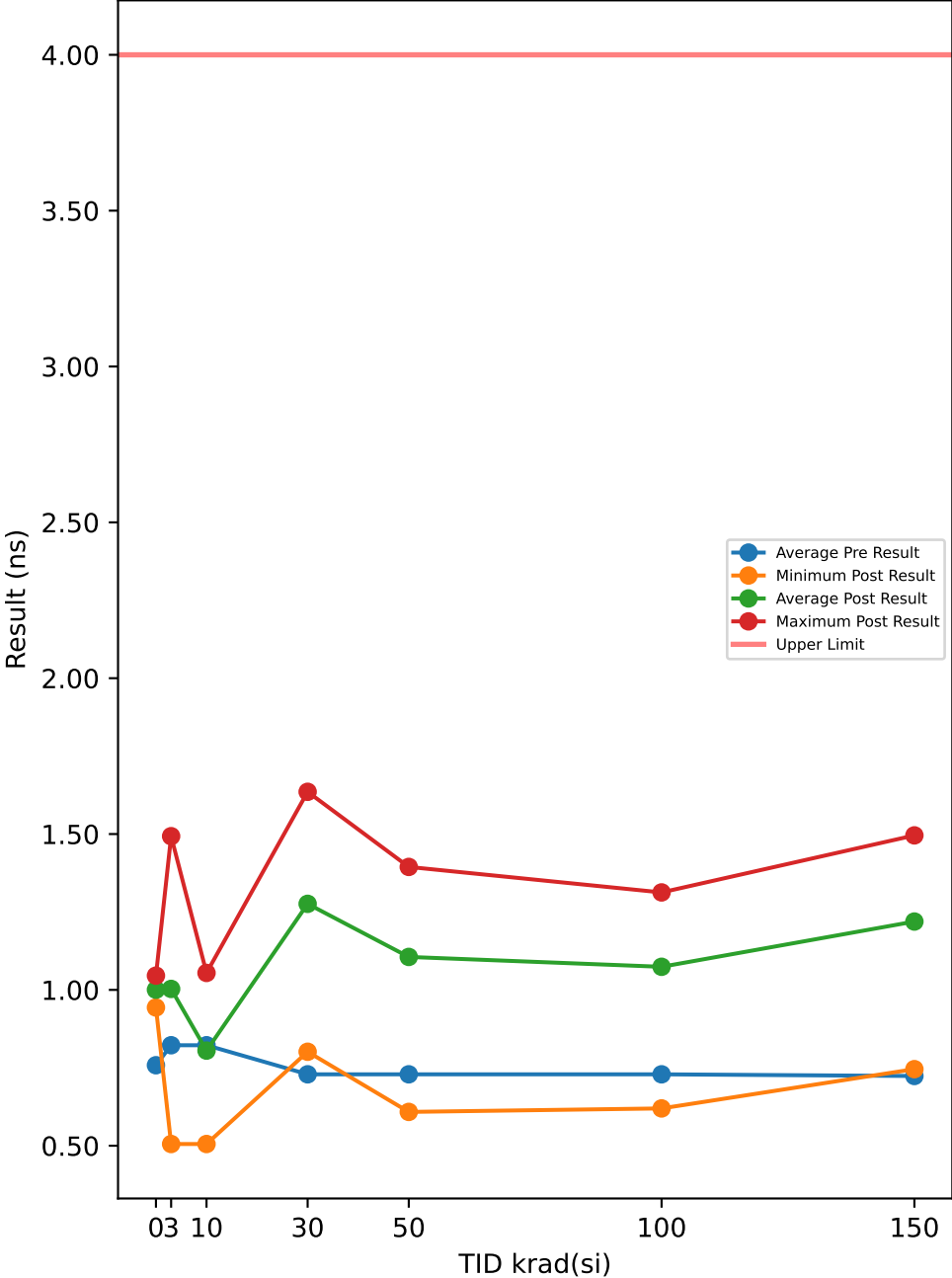
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.614	5.0381	-0.5759
2	0	CORRELATION	5.3085	5.1426	-0.1659
259	3	LDR Biased	5.6367	8.9908	3.3541
426	3	LDR Biased	5.437	8.7918	3.3548
427	3	LDR Biased	4.7376	7.9973	3.2597
428	3	LDR Biased	5.3815	8.7702	3.3887
429	3	LDR Unbiased	5.7643	9.0756	3.3113
430	3	LDR Unbiased	5.2709	8.5919	3.321
431	3	LDR Unbiased	5.0571	8.4777	3.4206
432	3	LDR Unbiased	5.7426	8.9311	3.1885
433	3	LDR Unbiased	5.2592	8.6623	3.4031
1259	10	LDR Biased	5.6367	5.8174	0.1807
1426	10	LDR Biased	5.437	5.4208	-0.0162
1427	10	LDR Biased	4.7376	4.8698	0.1322
1428	10	LDR Biased	5.3815	5.4454	0.0639
1429	10	LDR Unbiased	5.7643	5.8022	0.0379
1430	10	LDR Unbiased	5.2709	5.3053	0.0344
1431	10	LDR Unbiased	5.0571	5.1646	0.1075
1432	10	LDR Unbiased	5.7426	5.7029	-0.0397
1433	10	LDR Unbiased	5.2592	5.3795	0.1203
2434	30	LDR Biased	5.6185	5.7482	0.1297
2435	30	LDR Biased	4.9165	5.0131	0.0966
2436	30	LDR Biased	5.7179	5.8659	0.148
2437	30	LDR Biased	5.3043	5.2647	-0.0396
2438	30	LDR Biased	5.4774	5.4705	-0.0069
2439	30	LDR Unbiased	5.3838	5.4564	0.0726
2440	30	LDR Unbiased	5.2001	5.3479	0.1478
2441	30	LDR Unbiased	5.614	5.7228	0.1088
2443	30	LDR Unbiased	5.3085	5.3601	0.0516
2444	30	LDR Unbiased	5.5174	5.6942	0.1768
3434	50	LDR Biased	5.6185	5.7732	0.1547
3435	50	LDR Biased	4.9165	5.1459	0.2294
3436	50	LDR Biased	5.7179	5.8446	0.1267
3437	50	LDR Biased	5.3043	5.3409	0.0366
3438	50	LDR Biased	5.4774	5.4559	-0.0215
3439	50	LDR Unbiased	5.3838	5.4923	0.1085
3440	50	LDR Unbiased	5.2001	5.379	0.1789
3441	50	LDR Unbiased	5.614	5.7541	0.1401
3443	50	LDR Unbiased	5.3085	5.3887	0.0802
3444	50	LDR Unbiased	5.5174	5.7277	0.2103
4434	100	LDR Biased	5.6185	5.2674	-0.3511
4435	100	LDR Biased	4.9165	4.6413	-0.2752
4436	100	LDR Biased	5.7179	5.3565	-0.3614
4437	100	LDR Biased	5.3043	4.8681	-0.4362
4438	100	LDR Biased	5.4774	5.0354	-0.442
4439	100	LDR Unbiased	5.3838	5.0601	-0.3237
4440	100	LDR Unbiased	5.2001	4.9804	-0.2197
4441	100	LDR Unbiased	5.614	5.3145	-0.2995
4443	100	LDR Unbiased	5.3085	5.0737	-0.2348
4444	100	LDR Unbiased	5.5174	5.1633	-0.3541
4500	150	LDR Biased	5.5865	5.7899	0.2034
4501	150	LDR Biased	5.581	5.6025	0.0215
4502	150	LDR Biased	5.1567	5.3054	0.1487
4503	150	LDR Biased	5.2433	5.3349	0.0916
4504	150	LDR Biased	5.1977	5.3918	0.1941
4505	150	LDR Unbiased	5.6522	5.6404	-0.0118
4506	150	LDR Unbiased	5.4927	5.5814	0.0887
4507	150	LDR Unbiased	5.1677	5.3306	0.1629
4508	150	LDR Unbiased	5.4488	5.5972	0.1484
4509	150	LDR Unbiased	5.3957	5.483	0.0873

Test Statistics (ns)

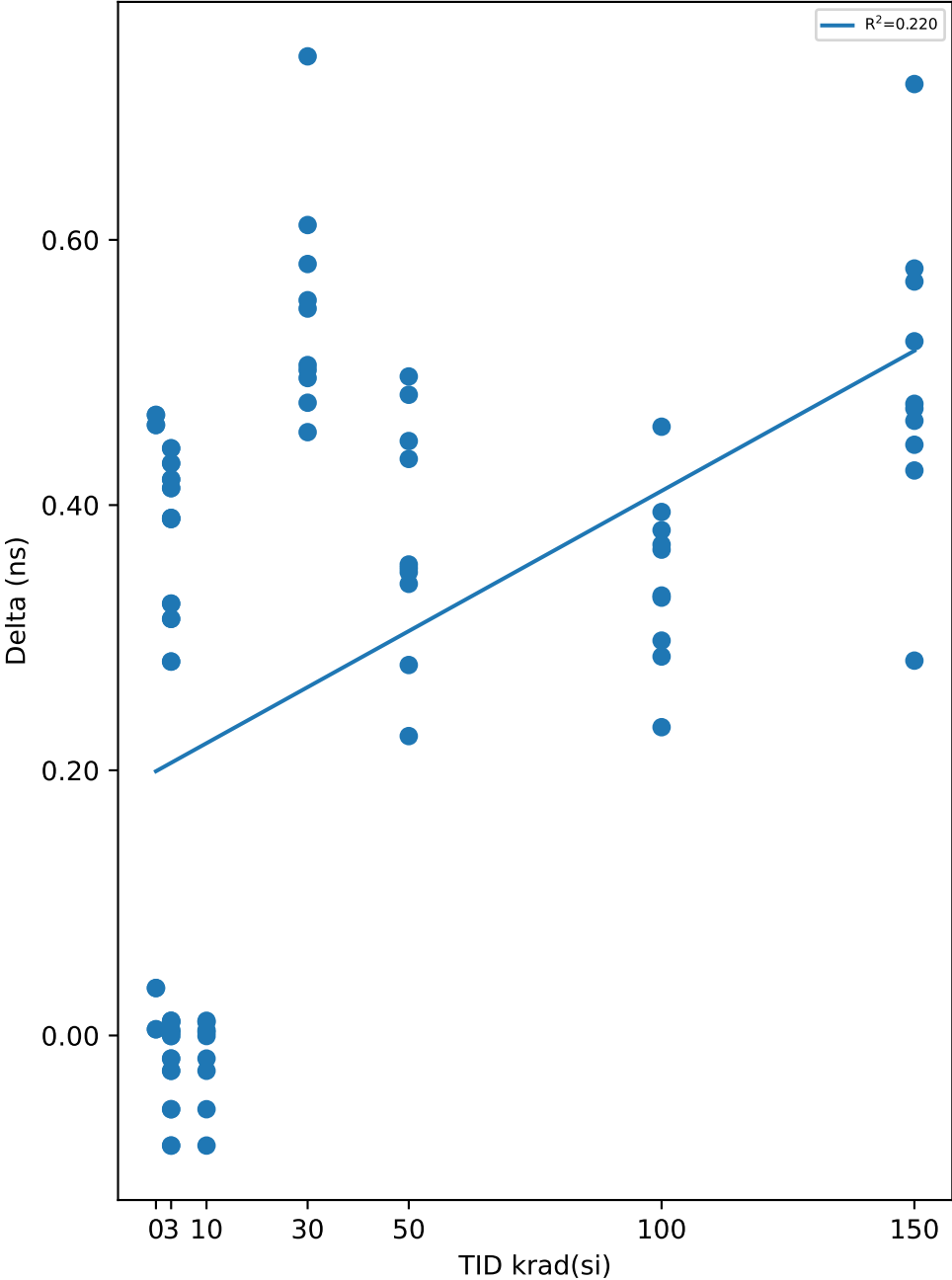
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.3085	5.4612	5.614	0.21602	5.0381	5.0903	5.1426	0.073893	-0.5759	-0.3709	-0.1659	0.28991
3	4.7376	5.3652	5.7643	0.3335	7.9973	8.6987	9.0756	0.32571	3.1885	3.3335	3.4206	0.073719
10	4.7376	5.3652	5.7643	0.3335	4.8698	5.4342	5.8174	0.30936	-0.0397	0.069	0.1807	0.072328
30	4.9165	5.4058	5.7179	0.23701	5.0131	5.4944	5.8659	0.26256	-0.0396	0.08854	0.1768	0.070043
50	4.9165	5.4058	5.7179	0.23701	5.1459	5.5302	5.8446	0.23104	-0.0215	0.12439	0.2294	0.077277
100	4.9165	5.4058	5.7179	0.23701	4.6413	5.0761	5.3565	0.21681	-0.442	-0.32977	-0.2197	0.075304
150	5.1567	5.3922	5.6522	0.18861	5.3054	5.5057	5.7899	0.16187	-0.0118	0.11348	0.2034	0.071041

Device Test: 110.11 Delay Match LO Off HO On IIM Interlock VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 4.0 (ns))

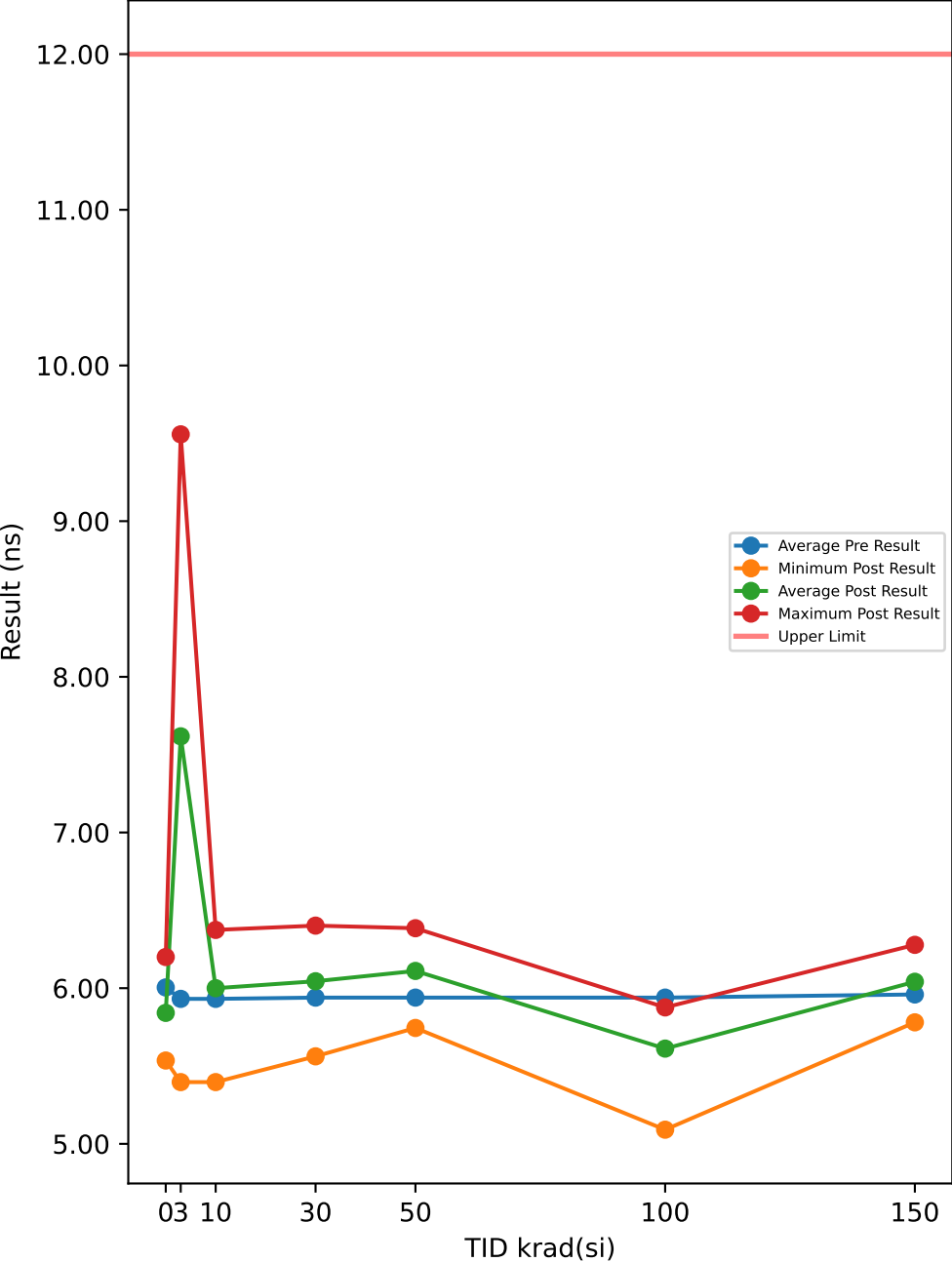
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9388	0.9435	0.0047
2	0	CORRELATION	0.5777	1.0381	0.4604
259	3	LDR Biased	1.0013	1.4328	0.4315
426	3	LDR Biased	0.7209	1.0351	0.3142
427	3	LDR Biased	1.0272	1.3529	0.3257
428	3	LDR Biased	0.7553	1.1747	0.4194
429	3	LDR Unbiased	0.6656	1.0551	0.3895
430	3	LDR Unbiased	0.8398	1.2526	0.4128
431	3	LDR Unbiased	0.8183	1.1003	0.282
432	3	LDR Unbiased	0.5229	0.9132	0.3903
433	3	LDR Unbiased	1.0503	1.4931	0.4428
1259	10	LDR Biased	1.0013	0.9747	-0.0266
1426	10	LDR Biased	0.7209	0.732	0.0111
1427	10	LDR Biased	1.0272	0.9716	-0.0556
1428	10	LDR Biased	0.7553	0.7577	0.0024
1429	10	LDR Unbiased	0.6656	0.6652	-0.0004
1430	10	LDR Unbiased	0.8398	0.8499	0.0101
1431	10	LDR Unbiased	0.8183	0.7353	-0.083
1432	10	LDR Unbiased	0.5229	0.5055	-0.0174
1433	10	LDR Unbiased	1.0503	1.0544	0.0041
2434	30	LDR Biased	0.4169	0.9127	0.4958
2435	30	LDR Biased	0.9064	1.4609	0.5545
2436	30	LDR Biased	0.2533	0.8015	0.5482
2437	30	LDR Biased	0.8971	1.6355	0.7384
2438	30	LDR Biased	0.8536	1.4354	0.5818
2439	30	LDR Unbiased	0.8749	1.3768	0.5019
2440	30	LDR Unbiased	1.0421	1.5193	0.4772
2441	30	LDR Unbiased	0.9388	1.55	0.6112
2443	30	LDR Unbiased	0.5777	1.0833	0.5056
2444	30	LDR Unbiased	0.5303	0.9853	0.455
3434	50	LDR Biased	0.4169	0.7575	0.3406
3435	50	LDR Biased	0.9064	1.2558	0.3494
3436	50	LDR Biased	0.2533	0.6085	0.3552
3437	50	LDR Biased	0.8971	1.3941	0.497
3438	50	LDR Biased	0.8536	1.3368	0.4832
3439	50	LDR Unbiased	0.8749	1.3097	0.4348
3440	50	LDR Unbiased	1.0421	1.3945	0.3524
3441	50	LDR Unbiased	0.9388	1.3871	0.4483
3443	50	LDR Unbiased	0.5777	0.8571	0.2794
3444	50	LDR Unbiased	0.5303	0.7561	0.2258
4434	100	LDR Biased	0.4169	0.7871	0.3702
4435	100	LDR Biased	0.9064	1.2875	0.3811
4436	100	LDR Biased	0.2533	0.6197	0.3664
4437	100	LDR Biased	0.8971	1.2919	0.3948
4438	100	LDR Biased	0.8536	1.3127	0.4591
4439	100	LDR Unbiased	0.8749	1.1607	0.2858
4440	100	LDR Unbiased	1.0421	1.2746	0.2325
4441	100	LDR Unbiased	0.9388	1.269	0.3302
4443	100	LDR Unbiased	0.5777	0.8755	0.2978
4444	100	LDR Unbiased	0.5303	0.8621	0.3318
4500	150	LDR Biased	0.3196	0.7457	0.4261
4501	150	LDR Biased	0.9648	1.4883	0.5235
4502	150	LDR Biased	0.8425	1.4209	0.5784
4503	150	LDR Biased	0.7782	1.4957	0.7175
4504	150	LDR Biased	0.5236	0.9691	0.4455
4505	150	LDR Unbiased	0.416	0.8796	0.4636
4506	150	LDR Unbiased	0.547	1.1156	0.5686
4507	150	LDR Unbiased	0.8051	1.2779	0.4728
4508	150	LDR Unbiased	1.1643	1.447	0.2827
4509	150	LDR Unbiased	0.8763	1.3527	0.4764

Test Statistics (ns)

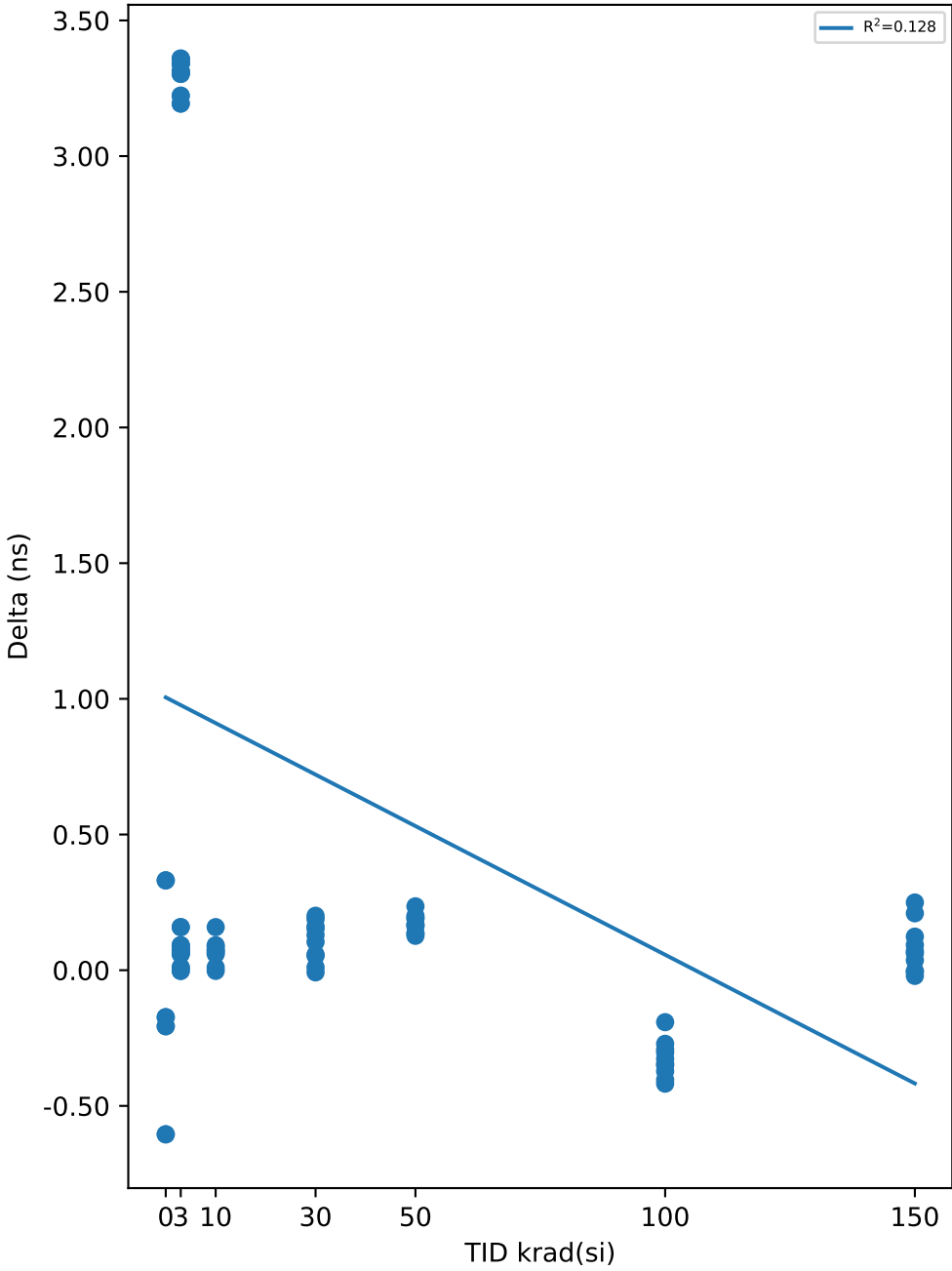
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5777	0.75825	0.9388	0.25534	0.9435	0.9908	1.0381	0.066892	0.0047	0.23255	0.4604	0.32223
3	0.5229	0.8224	1.0503	0.17864	0.9132	1.2011	1.4931	0.19598	0.282	0.37869	0.4428	0.057323
10	0.5229	0.8224	1.0503	0.17864	0.5055	0.80514	1.0544	0.17408	-0.083	-0.017256	0.0111	0.032709
30	0.2533	0.72911	1.0421	0.26345	0.8015	1.2761	1.6355	0.30038	0.455	0.54696	0.7384	0.082818
50	0.2533	0.72911	1.0421	0.26345	0.6085	1.1057	1.3945	0.31899	0.2258	0.37661	0.497	0.087975
100	0.2533	0.72911	1.0421	0.26345	0.6197	1.0741	1.3127	0.26009	0.2325	0.34497	0.4591	0.063838
150	0.3196	0.72374	1.1643	0.26426	0.7457	1.2193	1.4957	0.27397	0.2827	0.49551	0.7175	0.11391

Device Test: 110.12 Delay Match LO On HO Off IIM Interlock Disable VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

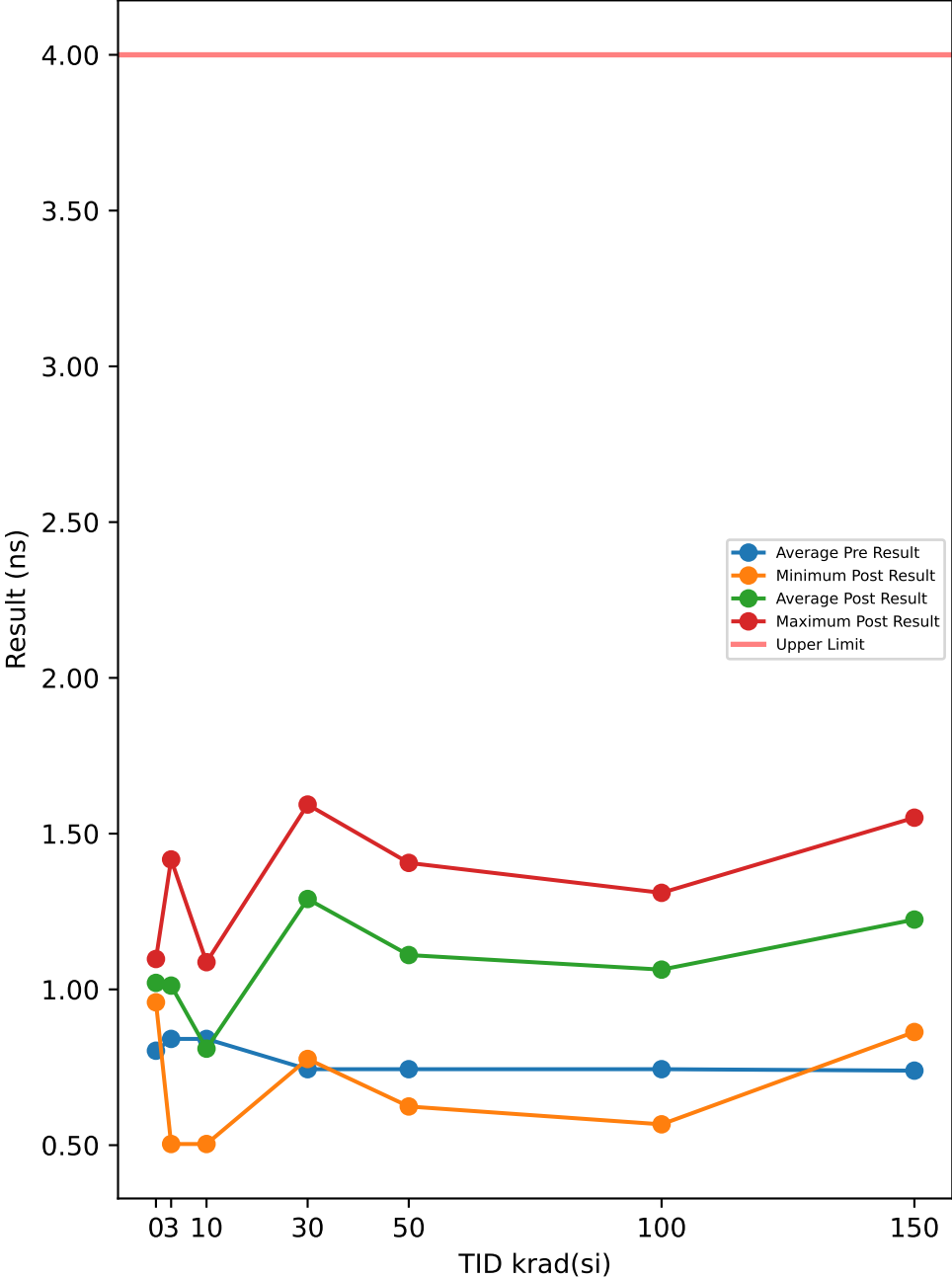
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.14	5.5352	-0.6048
2	0	CORRELATION	5.8692	5.696	-0.1732
259	3	LDR Biased	6.2155	9.5576	3.3421
426	3	LDR Biased	5.9947	9.2977	3.303
427	3	LDR Biased	5.3045	8.6179	3.3134
428	3	LDR Biased	5.9543	9.2949	3.3406
429	3	LDR Unbiased	6.3228	9.5454	3.2226
430	3	LDR Unbiased	5.8056	9.1114	3.3058
431	3	LDR Unbiased	5.671	9.0304	3.3594
432	3	LDR Unbiased	6.2973	9.491	3.1937
433	3	LDR Unbiased	5.8163	9.1743	3.358
1259	10	LDR Biased	6.2155	6.3742	0.1587
1426	10	LDR Biased	5.9947	6.0053	0.0106
1427	10	LDR Biased	5.3045	5.3966	0.0921
1428	10	LDR Biased	5.9543	6.0271	0.0728
1429	10	LDR Unbiased	6.3228	6.3203	-0.0025
1430	10	LDR Unbiased	5.8056	5.8929	0.0873
1431	10	LDR Unbiased	5.671	5.7349	0.0639
1432	10	LDR Unbiased	6.2973	6.3569	0.0596
1433	10	LDR Unbiased	5.8163	5.8902	0.0739
2434	30	LDR Biased	6.1795	6.341	0.1615
2435	30	LDR Biased	5.509	5.5621	0.0531
2436	30	LDR Biased	6.2488	6.4018	0.153
2437	30	LDR Biased	5.8157	5.8077	-0.008
2438	30	LDR Biased	5.9505	5.9613	0.0108
2439	30	LDR Unbiased	5.9405	6.0448	0.1043
2440	30	LDR Unbiased	5.7147	5.9029	0.1882
2441	30	LDR Unbiased	6.14	6.2694	0.1294
2443	30	LDR Unbiased	5.8692	5.9268	0.0576
2444	30	LDR Unbiased	6.0259	6.2265	0.2006
3434	50	LDR Biased	6.1795	6.3456	0.1661
3435	50	LDR Biased	5.509	5.7444	0.2354
3436	50	LDR Biased	6.2488	6.3851	0.1363
3437	50	LDR Biased	5.8157	5.9502	0.1345
3438	50	LDR Biased	5.9505	6.1193	0.1688
3439	50	LDR Unbiased	5.9405	6.0673	0.1268
3440	50	LDR Unbiased	5.7147	5.8767	0.162
3441	50	LDR Unbiased	6.14	6.3406	0.2006
3443	50	LDR Unbiased	5.8692	6.0594	0.1902
3444	50	LDR Unbiased	6.0259	6.2186	0.1927
4434	100	LDR Biased	6.1795	5.8294	-0.3501
4435	100	LDR Biased	5.509	5.0909	-0.4181
4436	100	LDR Biased	6.2488	5.8764	-0.3724
4437	100	LDR Biased	5.8157	5.4119	-0.4038
4438	100	LDR Biased	5.9505	5.6051	-0.3454
4439	100	LDR Unbiased	5.9405	5.6136	-0.3269
4440	100	LDR Unbiased	5.7147	5.5232	-0.1915
4441	100	LDR Unbiased	6.14	5.8364	-0.3036
4443	100	LDR Unbiased	5.8692	5.5979	-0.2713
4444	100	LDR Unbiased	6.0259	5.7333	-0.2926
4500	150	LDR Biased	6.1851	6.2783	0.0932
4501	150	LDR Biased	6.0982	6.1609	0.0627
4502	150	LDR Biased	5.7787	5.8485	0.0698
4503	150	LDR Biased	5.8265	5.8056	-0.0209
4504	150	LDR Biased	5.7857	5.7805	-0.0052
4505	150	LDR Unbiased	6.1787	6.1752	-0.0035
4506	150	LDR Unbiased	6.0337	6.0703	0.0366
4507	150	LDR Unbiased	5.754	5.9637	0.2097
4508	150	LDR Unbiased	5.9835	6.233	0.2495
4509	150	LDR Unbiased	5.9714	6.0951	0.1237

Test Statistics (ns)

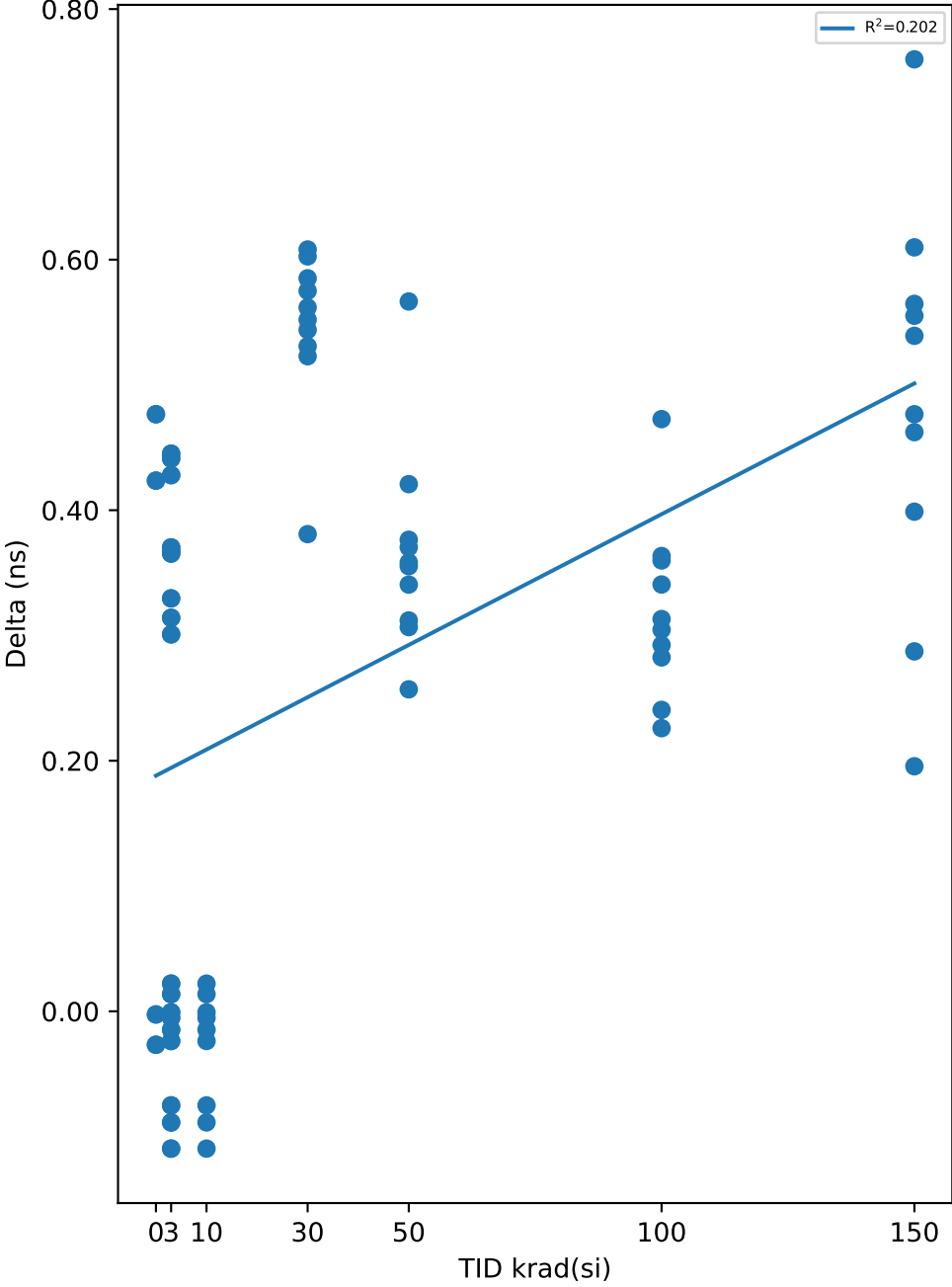
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.8692	6.0046	6.14	0.19148	5.5352	5.6156	5.696	0.1137	-0.6048	-0.389	-0.1732	0.30519
3	5.3045	5.9313	6.3228	0.32829	8.6179	9.2356	9.5576	0.29898	3.1937	3.3043	3.3594	0.058801
10	5.3045	5.9313	6.3228	0.32829	5.3966	5.9998	6.3742	0.32184	-0.0025	0.068489	0.1587	0.046888
30	5.509	5.9394	6.2488	0.22539	5.5621	6.0444	6.4018	0.26434	-0.008	0.10505	0.2006	0.073588
50	5.509	5.9394	6.2488	0.22539	5.7444	6.1107	6.3851	0.21454	0.1268	0.17134	0.2354	0.034094
100	5.509	5.9394	6.2488	0.22539	5.0909	5.6118	5.8764	0.23616	-0.4181	-0.32757	-0.1915	0.066934
150	5.754	5.9596	6.1851	0.16574	5.7805	6.0411	6.2783	0.18125	-0.0209	0.08156	0.2495	0.090867

Device Test: 110.13 Delay Match LO Off HO On IIM Interlock Disable VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 4.0 (ns))

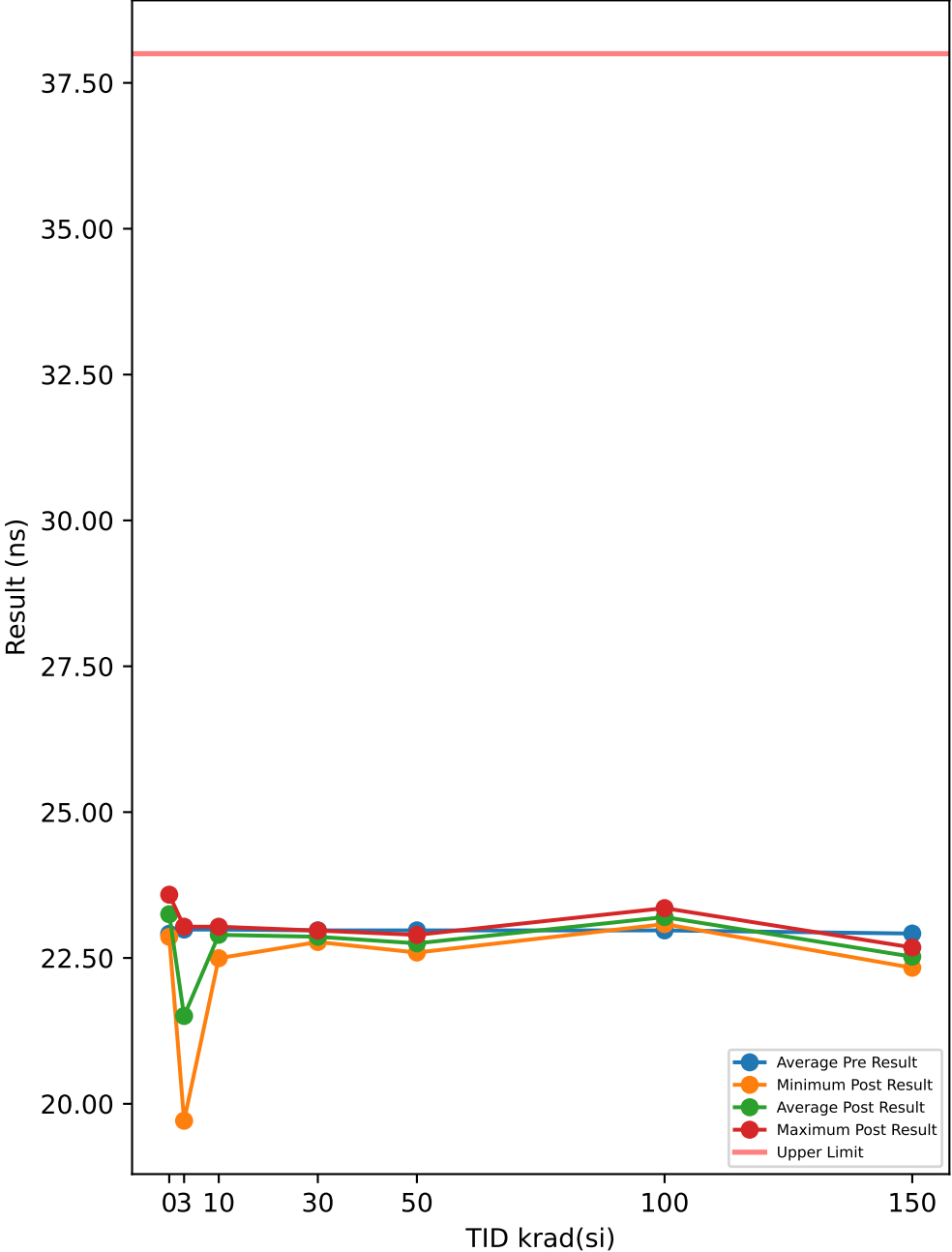
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9853	0.9586	-0.0267
2	0	CORRELATION	0.621	1.0446	0.4236
259	3	LDR Biased	1.0691	1.3832	0.3141
426	3	LDR Biased	0.7	1.128	0.428
427	3	LDR Biased	1.05	1.4172	0.3672
428	3	LDR Biased	0.7387	1.1838	0.4451
429	3	LDR Unbiased	0.7092	1.0746	0.3654
430	3	LDR Unbiased	0.862	1.1916	0.3296
431	3	LDR Unbiased	0.8297	1.2709	0.4412
432	3	LDR Unbiased	0.5089	0.8792	0.3703
433	3	LDR Unbiased	1.1021	1.403	0.3009
1259	10	LDR Biased	1.0691	0.9804	-0.0887
1426	10	LDR Biased	0.7	0.6992	-0.0008
1427	10	LDR Biased	1.05	0.9749	-0.0751
1428	10	LDR Biased	0.7387	0.7524	0.0137
1429	10	LDR Unbiased	0.7092	0.6855	-0.0237
1430	10	LDR Unbiased	0.862	0.8841	0.0221
1431	10	LDR Unbiased	0.8297	0.7201	-0.1096
1432	10	LDR Unbiased	0.5089	0.5037	-0.0052
1433	10	LDR Unbiased	1.1021	1.0874	-0.0147
2434	30	LDR Biased	0.4768	0.8577	0.3809
2435	30	LDR Biased	0.9285	1.4724	0.5439
2436	30	LDR Biased	0.2538	0.7767	0.5229
2437	30	LDR Biased	0.9278	1.4896	0.5618
2438	30	LDR Biased	0.8373	1.4224	0.5851
2439	30	LDR Unbiased	0.8644	1.4165	0.5521
2440	30	LDR Unbiased	1.0303	1.5612	0.5309
2441	30	LDR Unbiased	0.9853	1.5934	0.6081
2443	30	LDR Unbiased	0.621	1.1961	0.5751
2444	30	LDR Unbiased	0.5136	1.1162	0.6026
3434	50	LDR Biased	0.4768	0.7338	0.257
3435	50	LDR Biased	0.9285	1.2868	0.3583
3436	50	LDR Biased	0.2538	0.6242	0.3704
3437	50	LDR Biased	0.9278	1.2831	0.3553
3438	50	LDR Biased	0.8373	1.4039	0.5666
3439	50	LDR Unbiased	0.8644	1.2408	0.3764
3440	50	LDR Unbiased	1.0303	1.3423	0.312
3441	50	LDR Unbiased	0.9853	1.4061	0.4208
3443	50	LDR Unbiased	0.621	0.9277	0.3067
3444	50	LDR Unbiased	0.5136	0.8542	0.3406
4434	100	LDR Biased	0.4768	0.7593	0.2825
4435	100	LDR Biased	0.9285	1.2919	0.3634
4436	100	LDR Biased	0.2538	0.5669	0.3131
4437	100	LDR Biased	0.9278	1.2324	0.3046
4438	100	LDR Biased	0.8373	1.31	0.4727
4439	100	LDR Unbiased	0.8644	1.2243	0.3599
4440	100	LDR Unbiased	1.0303	1.2563	0.226
4441	100	LDR Unbiased	0.9853	1.2777	0.2924
4443	100	LDR Unbiased	0.621	0.8616	0.2406
4444	100	LDR Unbiased	0.5136	0.8543	0.3407
4500	150	LDR Biased	0.324	0.8632	0.5392
4501	150	LDR Biased	0.9804	1.457	0.4766
4502	150	LDR Biased	0.819	1.3837	0.5647
4503	150	LDR Biased	0.7913	1.5512	0.7599
4504	150	LDR Biased	0.5717	1.034	0.4623
4505	150	LDR Unbiased	0.4245	1.0343	0.6098
4506	150	LDR Unbiased	0.5963	1.1515	0.5552
4507	150	LDR Unbiased	0.8223	1.1096	0.2873
4508	150	LDR Unbiased	1.181	1.3766	0.1956
4509	150	LDR Unbiased	0.8817	1.2805	0.3988

Test Statistics (ns)

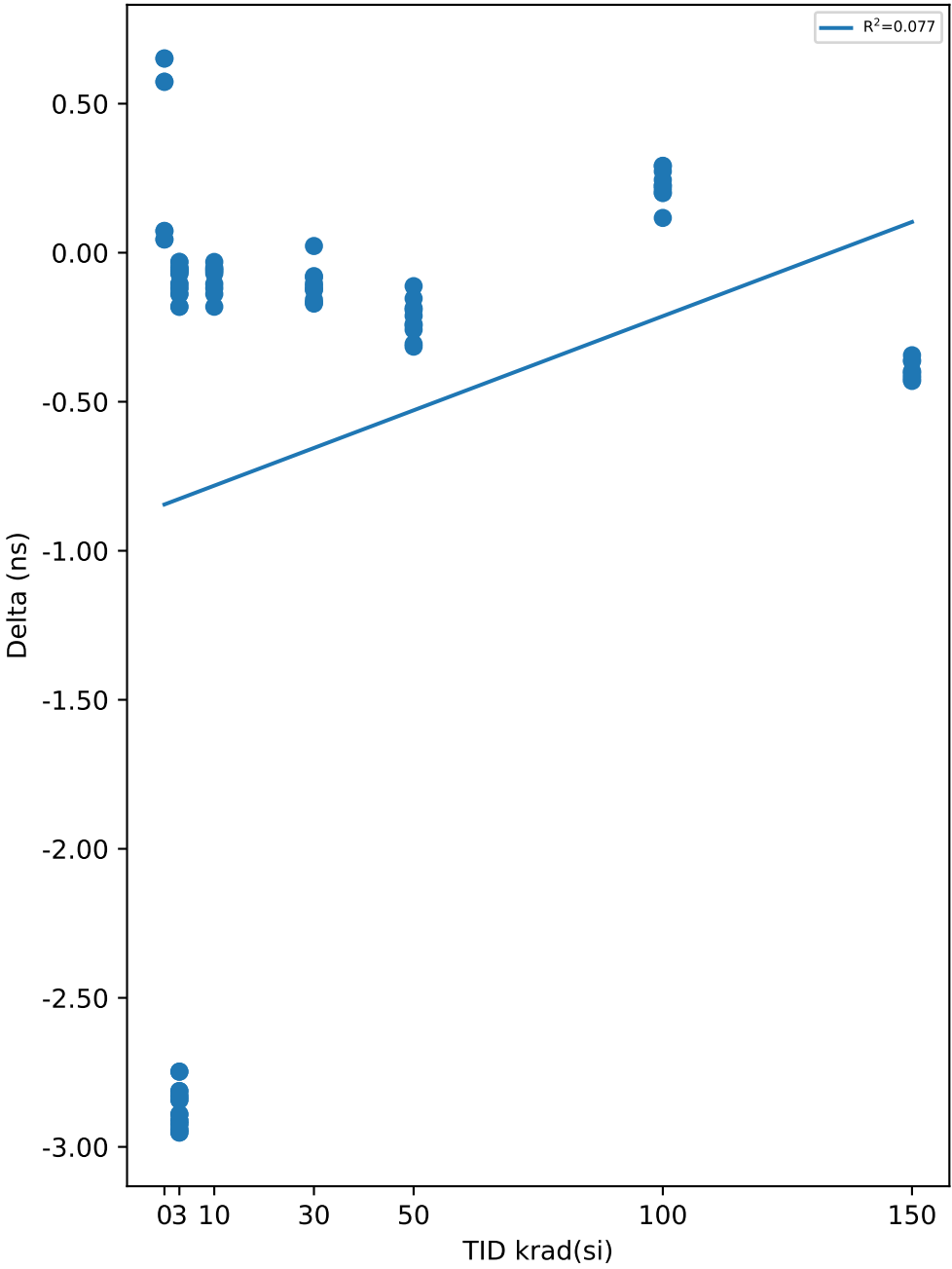
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.621	0.80315	0.9853	0.2576	0.9586	1.0016	1.0446	0.060811	-0.0267	0.19845	0.4236	0.31841
3	0.5089	0.84108	1.1021	0.20077	0.8792	1.2146	1.4172	0.1765	0.3009	0.37353	0.4451	0.054224
10	0.5089	0.84108	1.1021	0.20077	0.5037	0.80974	1.0874	0.18428	-0.1096	-0.031333	0.0221	0.047652
30	0.2538	0.74388	1.0303	0.26058	0.7767	1.2902	1.5934	0.2909	0.3809	0.54634	0.6081	0.064761
50	0.2538	0.74388	1.0303	0.26058	0.6242	1.1103	1.4061	0.29487	0.257	0.36641	0.5666	0.083334
100	0.2538	0.74388	1.0303	0.26058	0.5669	1.0635	1.31	0.27367	0.226	0.31959	0.4727	0.070563
150	0.324	0.73922	1.181	0.26025	0.8632	1.2242	1.5512	0.21958	0.1956	0.48494	0.7599	0.16201

Device Test: 110.2 Prop Delay LO On IIM Interlock VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 38.0 (ns))

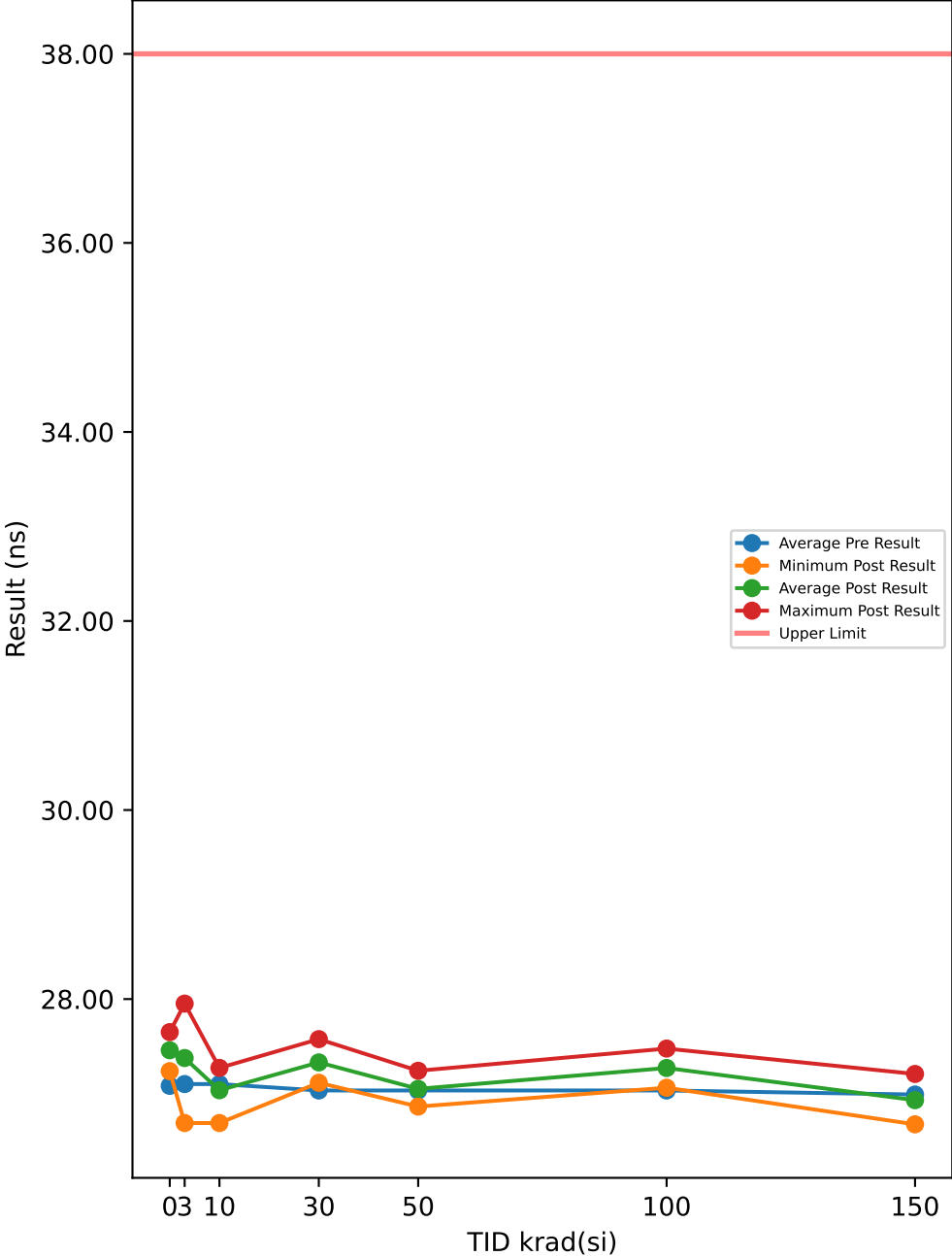
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	23.011	23.585	0.5735
2	0	CORRELATION	22.818	23.469	0.6516
259	3	LDR Biased	23.172	20.261	-2.9117
426	3	LDR Biased	23.002	20.16	-2.8422
427	3	LDR Biased	23.02	20.207	-2.8127
428	3	LDR Biased	22.929	20.006	-2.9233
429	3	LDR Unbiased	22.601	19.71	-2.8907
430	3	LDR Unbiased	23.012	20.183	-2.8293
431	3	LDR Unbiased	23.155	20.213	-2.9419
432	3	LDR Unbiased	22.923	20.176	-2.7476
433	3	LDR Unbiased	23.068	20.116	-2.9519
1259	10	LDR Biased	23.172	23.034	-0.1387
1426	10	LDR Biased	23.002	22.94	-0.0618
1427	10	LDR Biased	23.02	22.839	-0.1813
1428	10	LDR Biased	22.929	22.873	-0.0562
1429	10	LDR Unbiased	22.601	22.496	-0.1045
1430	10	LDR Unbiased	23.012	22.962	-0.0501
1431	10	LDR Unbiased	23.155	23.036	-0.1191
1432	10	LDR Unbiased	22.923	22.892	-0.031
1433	10	LDR Unbiased	23.068	22.998	-0.0698
2434	30	LDR Biased	22.964	22.806	-0.1572
2435	30	LDR Biased	22.964	22.881	-0.0822
2436	30	LDR Biased	23.06	22.889	-0.1708
2437	30	LDR Biased	22.919	22.817	-0.1029
2438	30	LDR Biased	22.982	22.859	-0.1222
2439	30	LDR Unbiased	23.081	22.969	-0.1118
2440	30	LDR Unbiased	22.899	22.774	-0.1251
2441	30	LDR Unbiased	23.011	22.933	-0.0786
2443	30	LDR Unbiased	22.818	22.84	0.0225
2444	30	LDR Unbiased	23.029	22.862	-0.1672
3434	50	LDR Biased	22.964	22.648	-0.3152
3435	50	LDR Biased	22.964	22.772	-0.1917
3436	50	LDR Biased	23.06	22.816	-0.244
3437	50	LDR Biased	22.919	22.766	-0.1537
3438	50	LDR Biased	22.982	22.742	-0.2397
3439	50	LDR Unbiased	23.081	22.895	-0.1858
3440	50	LDR Unbiased	22.899	22.593	-0.3061
3441	50	LDR Unbiased	23.011	22.753	-0.2582
3443	50	LDR Unbiased	22.818	22.705	-0.1122
3444	50	LDR Unbiased	23.029	22.817	-0.2117
4434	100	LDR Biased	22.964	23.08	0.1167
4435	100	LDR Biased	22.964	23.177	0.2134
4436	100	LDR Biased	23.06	23.284	0.2239
4437	100	LDR Biased	22.919	23.12	0.2002
4438	100	LDR Biased	22.982	23.183	0.2014
4439	100	LDR Unbiased	23.081	23.354	0.2731
4440	100	LDR Unbiased	22.899	23.124	0.2257
4441	100	LDR Unbiased	23.011	23.256	0.2444
4443	100	LDR Unbiased	22.818	23.108	0.2908
4444	100	LDR Unbiased	23.029	23.321	0.2916
4500	150	LDR Biased	22.752	22.332	-0.4196
4501	150	LDR Biased	23.018	22.59	-0.4281
4502	150	LDR Biased	23.078	22.68	-0.3981
4503	150	LDR Biased	22.921	22.577	-0.344
4504	150	LDR Biased	22.868	22.462	-0.4062
4505	150	LDR Unbiased	22.986	22.587	-0.3992
4506	150	LDR Unbiased	23.041	22.677	-0.3643
4507	150	LDR Unbiased	22.723	22.362	-0.3605
4508	150	LDR Unbiased	22.827	22.397	-0.4302
4509	150	LDR Unbiased	22.971	22.556	-0.4145

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	22.818	22.914	23.011	0.1369	23.469	23.527	23.585	0.081671	0.5735	0.61255	0.6516	0.055225
3	22.601	22.987	23.172	0.16875	19.71	20.115	20.261	0.16796	-2.9519	-2.8724	-2.7476	0.068492
10	22.601	22.987	23.172	0.16875	22.496	22.897	23.036	0.16545	-0.1813	-0.090278	-0.031	0.048967
30	22.818	22.973	23.081	0.07934	22.774	22.863	22.969	0.058771	-0.1708	-0.10955	0.0225	0.056706
50	22.818	22.973	23.081	0.07934	22.593	22.751	22.895	0.086868	-0.3152	-0.22183	-0.1122	0.06405
100	22.818	22.973	23.081	0.07934	23.08	23.201	23.354	0.096725	0.1167	0.22812	0.2916	0.052063
150	22.723	22.918	23.078	0.12229	22.332	22.522	22.68	0.12589	-0.4302	-0.39647	-0.344	0.030157

Device Test: 110.3 Prop Delay LO Off IIM Interlock VIN_10V

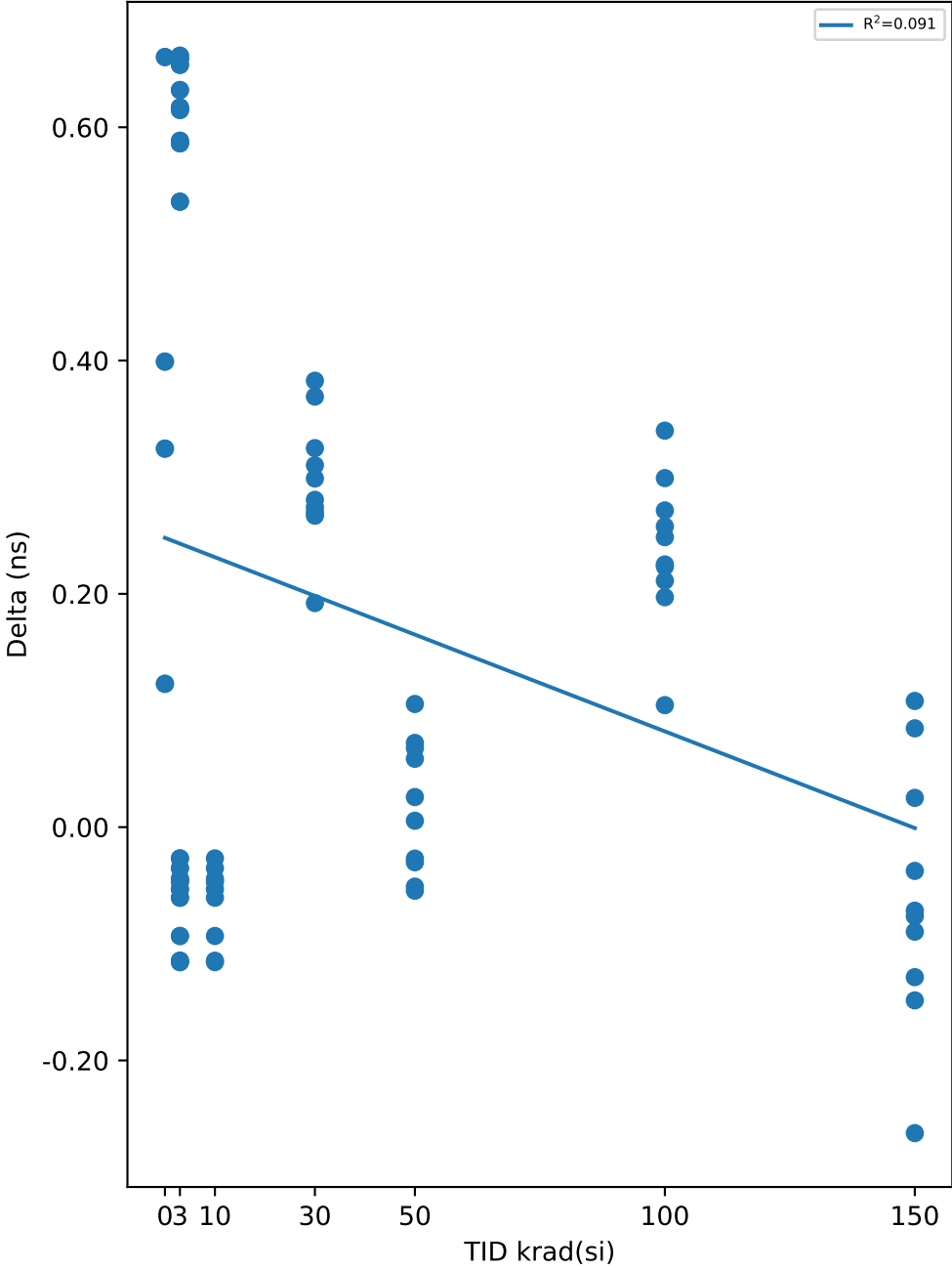
TID vs Result Stats



Test Results (Upper Limit = 38.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	27.251	27.65	0.3991
2	0	CORRELATION	26.913	27.573	0.6602
259	3	LDR Biased	27.269	27.927	0.6583
426	3	LDR Biased	27.134	27.748	0.6148
427	3	LDR Biased	27.034	27.62	0.5862
428	3	LDR Biased	27.139	27.771	0.6319
429	3	LDR Unbiased	26.782	27.37	0.5884
430	3	LDR Unbiased	27.109	27.726	0.617
431	3	LDR Unbiased	27.12	27.656	0.5362
432	3	LDR Unbiased	27.022	27.683	0.6613
433	3	LDR Unbiased	27.298	27.952	0.6535
1259	10	LDR Biased	27.269	27.225	-0.0443
1426	10	LDR Biased	27.134	27.098	-0.0352
1427	10	LDR Biased	27.034	26.919	-0.1145
1428	10	LDR Biased	27.139	27.092	-0.0469
1429	10	LDR Unbiased	26.782	26.689	-0.0933
1430	10	LDR Unbiased	27.109	27.056	-0.0532
1431	10	LDR Unbiased	27.12	27.005	-0.1157
1432	10	LDR Unbiased	27.022	26.962	-0.0605
1433	10	LDR Unbiased	27.298	27.272	-0.0268
2434	30	LDR Biased	27.038	27.313	0.2743
2435	30	LDR Biased	26.804	27.114	0.3102
2436	30	LDR Biased	27.081	27.351	0.2698
2437	30	LDR Biased	26.973	27.355	0.3827
2438	30	LDR Biased	27.106	27.373	0.267
2439	30	LDR Unbiased	27.174	27.473	0.2989
2440	30	LDR Unbiased	27.032	27.312	0.2806
2441	30	LDR Unbiased	27.251	27.576	0.3249
2443	30	LDR Unbiased	26.913	27.282	0.3691
2444	30	LDR Unbiased	26.959	27.151	0.1921
3434	50	LDR Biased	27.038	26.987	-0.051
3435	50	LDR Biased	26.804	26.863	0.0586
3436	50	LDR Biased	27.081	27.087	0.0055
3437	50	LDR Biased	26.973	27.078	0.1056
3438	50	LDR Biased	27.106	27.131	0.0258
3439	50	LDR Unbiased	27.174	27.241	0.0677
3440	50	LDR Unbiased	27.032	26.977	-0.0545
3441	50	LDR Unbiased	27.251	27.224	-0.027
3443	50	LDR Unbiased	26.913	26.985	0.0722
3444	50	LDR Unbiased	26.959	26.928	-0.0301
4434	100	LDR Biased	27.038	27.143	0.1046
4435	100	LDR Biased	26.804	27.062	0.2578
4436	100	LDR Biased	27.081	27.292	0.2113
4437	100	LDR Biased	26.973	27.17	0.1971
4438	100	LDR Biased	27.106	27.354	0.2486
4439	100	LDR Unbiased	27.174	27.473	0.2992
4440	100	LDR Unbiased	27.032	27.255	0.2234
4441	100	LDR Unbiased	27.251	27.476	0.2252
4443	100	LDR Unbiased	26.913	27.253	0.3399
4444	100	LDR Unbiased	26.959	27.23	0.2715
4500	150	LDR Biased	26.803	26.675	-0.1286
4501	150	LDR Biased	27.263	27.173	-0.0896
4502	150	LDR Biased	27.099	27.208	0.1082
4503	150	LDR Biased	26.975	27.06	0.0847
4504	150	LDR Biased	26.787	26.715	-0.0716
4505	150	LDR Unbiased	27.023	26.874	-0.1485
4506	150	LDR Unbiased	27.057	27.02	-0.0375
4507	150	LDR Unbiased	26.723	26.748	0.0251
4508	150	LDR Unbiased	27.1	26.838	-0.2623
4509	150	LDR Unbiased	27.069	26.992	-0.0763

TID vs Post - Pre Exposure Delta

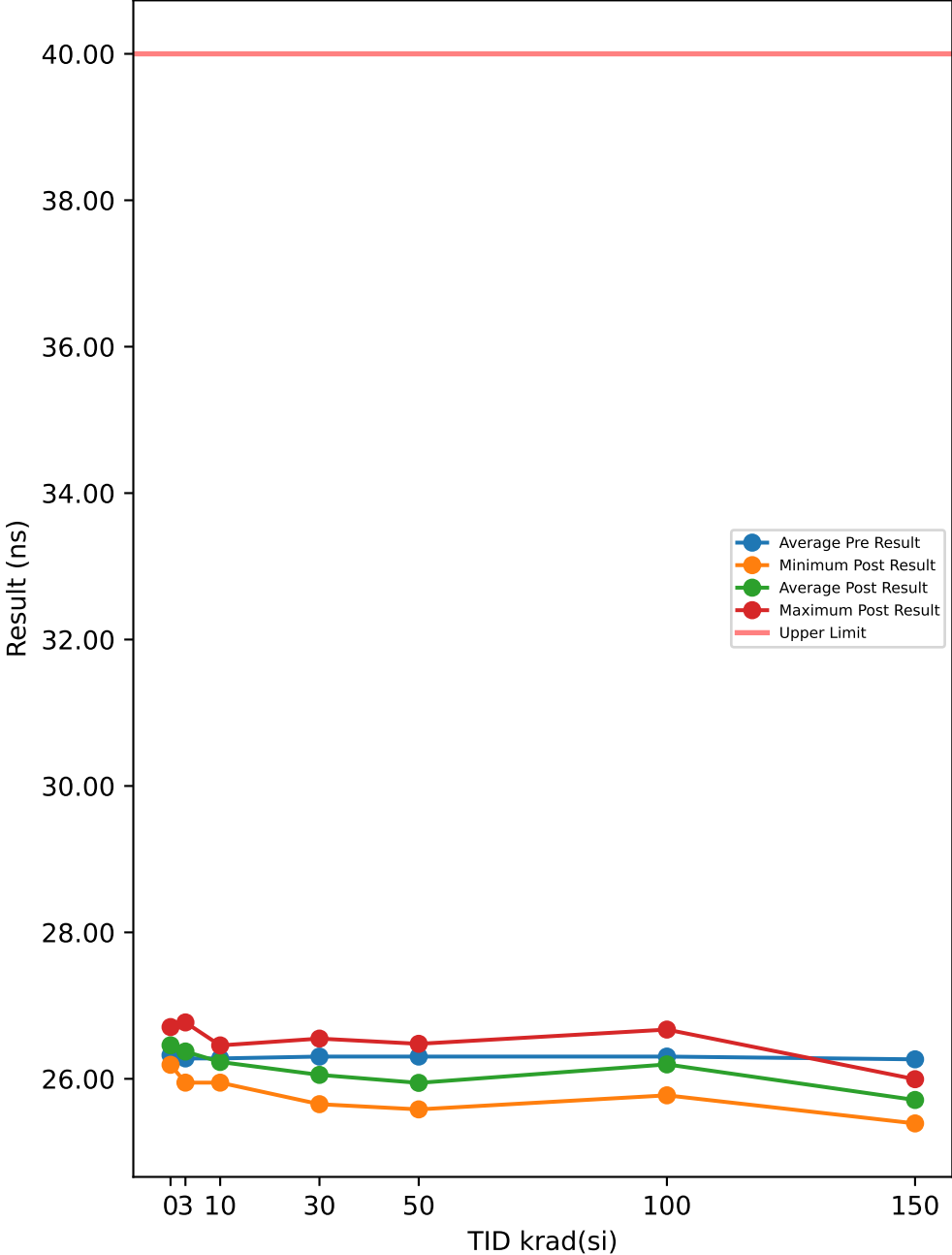


Test Statistics (ns)

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	26.913	27.082	27.251	0.23928	27.573	27.612	27.65	0.054659	0.3991	0.52965	0.6602	0.18463
3	26.782	27.101	27.298	0.15115	27.37	27.717	27.952	0.17244	0.5362	0.6164	0.6613	0.041109
10	26.782	27.101	27.298	0.15115	26.689	27.035	27.272	0.173	-0.1157	-0.0656	-0.0268	0.033692
30	26.804	27.033	27.251	0.12952	27.114	27.33	27.576	0.13554	0.1921	0.29696	0.3827	0.054698
50	26.804	27.033	27.251	0.12952	26.863	27.05	27.241	0.12428	-0.0545	0.01728	0.1056	0.057055
100	26.804	27.033	27.251	0.12952	27.062	27.271	27.476	0.13453	0.1046	0.23786	0.3399	0.063521
150	26.723	26.99	27.263	0.16921	26.675	26.93	27.208	0.18877	-0.2623	-0.05964	0.1082	0.11141

Device Test: 110.4 Prop Delay HO On IIM Interlock VIN_10V

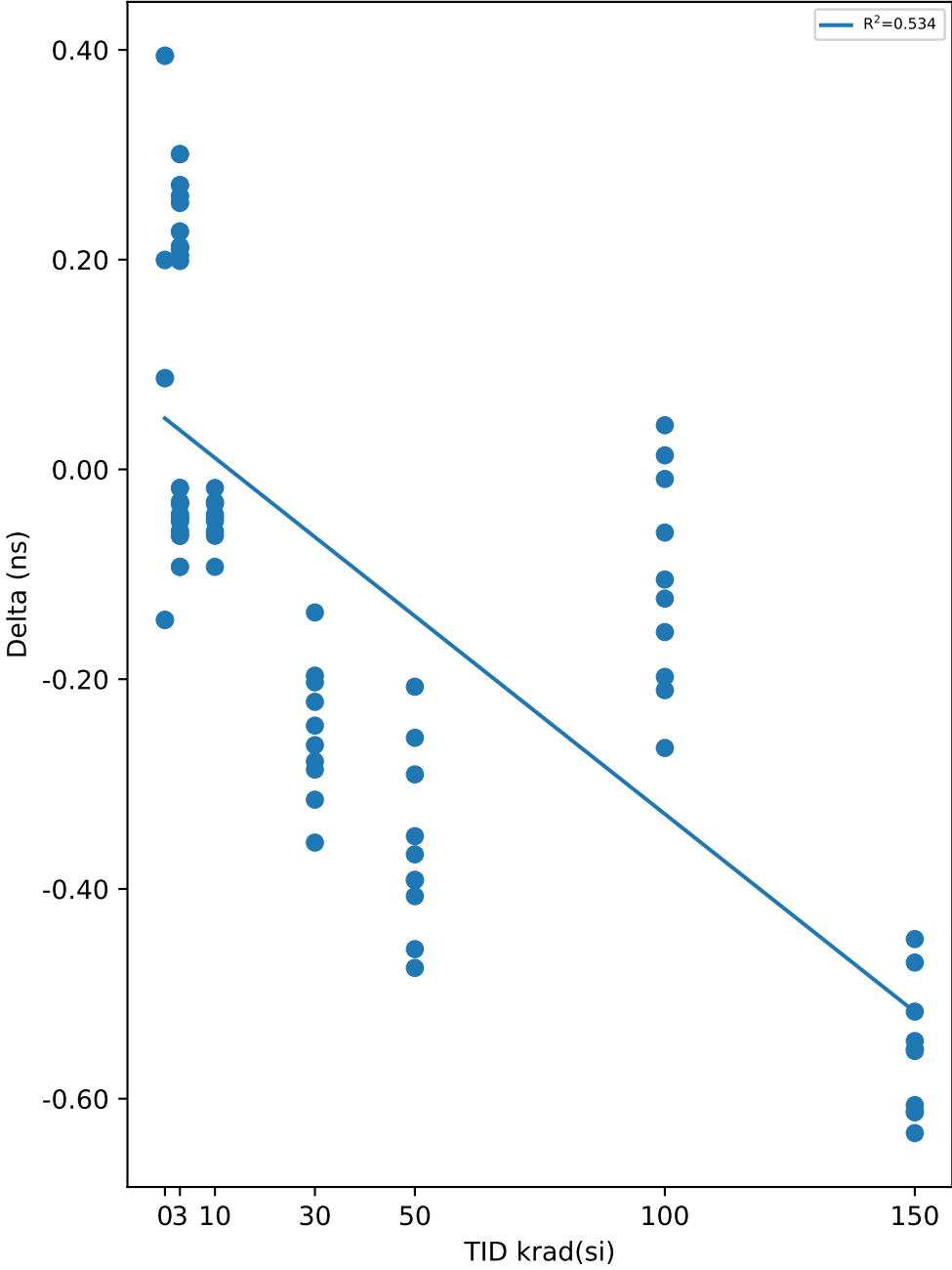
TID vs Result Stats



Test Results (Upper Limit = 40.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	26.312	26.707	0.3944
2	0	CORRELATION	26.335	26.535	0.1997
259	3	LDR Biased	26.268	26.495	0.2268
426	3	LDR Biased	26.413	26.713	0.3006
427	3	LDR Biased	26.007	26.267	0.2605
428	3	LDR Biased	26.384	26.596	0.2125
429	3	LDR Unbiased	26.116	26.315	0.1989
430	3	LDR Unbiased	26.269	26.473	0.2042
431	3	LDR Unbiased	26.302	26.556	0.2542
432	3	LDR Unbiased	26.499	26.77	0.2711
433	3	LDR Unbiased	26.248	26.459	0.2106
1259	10	LDR Biased	26.268	26.25	-0.0177
1426	10	LDR Biased	26.413	26.366	-0.0462
1427	10	LDR Biased	26.007	25.948	-0.059
1428	10	LDR Biased	26.384	26.334	-0.0492
1429	10	LDR Unbiased	26.116	26.023	-0.0929
1430	10	LDR Unbiased	26.269	26.206	-0.0633
1431	10	LDR Unbiased	26.302	26.269	-0.0328
1432	10	LDR Unbiased	26.499	26.456	-0.043
1433	10	LDR Unbiased	26.248	26.217	-0.031
2434	30	LDR Biased	26.621	26.4	-0.2216
2435	30	LDR Biased	25.898	25.653	-0.2443
2436	30	LDR Biased	26.828	26.549	-0.2784
2437	30	LDR Biased	26.076	25.72	-0.3558
2438	30	LDR Biased	26.252	25.937	-0.3149
2439	30	LDR Unbiased	26.299	26.096	-0.203
2440	30	LDR Unbiased	25.989	25.793	-0.1966
2441	30	LDR Unbiased	26.312	26.026	-0.2862
2443	30	LDR Unbiased	26.335	26.199	-0.1364
2444	30	LDR Unbiased	26.428	26.165	-0.2629
3434	50	LDR Biased	26.621	26.23	-0.3916
3435	50	LDR Biased	25.898	25.607	-0.2908
3436	50	LDR Biased	26.828	26.478	-0.3497
3437	50	LDR Biased	26.076	25.684	-0.3914
3438	50	LDR Biased	26.252	25.795	-0.4574
3439	50	LDR Unbiased	26.299	25.932	-0.367
3440	50	LDR Unbiased	25.989	25.582	-0.4069
3441	50	LDR Unbiased	26.312	25.837	-0.4753
3443	50	LDR Unbiased	26.335	26.128	-0.2072
3444	50	LDR Unbiased	26.428	26.172	-0.2559
4434	100	LDR Biased	26.621	26.356	-0.2656
4435	100	LDR Biased	25.898	25.774	-0.1232
4436	100	LDR Biased	26.828	26.673	-0.1551
4437	100	LDR Biased	26.076	25.878	-0.1978
4438	100	LDR Biased	26.252	26.041	-0.2105
4439	100	LDR Unbiased	26.299	26.312	0.0134
4440	100	LDR Unbiased	25.989	25.98	-0.0091
4441	100	LDR Unbiased	26.312	26.207	-0.105
4443	100	LDR Unbiased	26.335	26.377	0.0421
4444	100	LDR Unbiased	26.428	26.368	-0.0602
4500	150	LDR Biased	26.484	25.929	-0.5545
4501	150	LDR Biased	26.298	25.685	-0.613
4502	150	LDR Biased	26.257	25.787	-0.4702
4503	150	LDR Biased	26.197	25.564	-0.6328
4504	150	LDR Biased	26.264	25.747	-0.517
4505	150	LDR Unbiased	26.607	25.995	-0.6121
4506	150	LDR Unbiased	26.51	25.904	-0.6061
4507	150	LDR Unbiased	25.918	25.47	-0.4478
4508	150	LDR Unbiased	25.936	25.391	-0.545
4509	150	LDR Unbiased	26.192	25.64	-0.5527

TID vs Post - Pre Exposure Delta

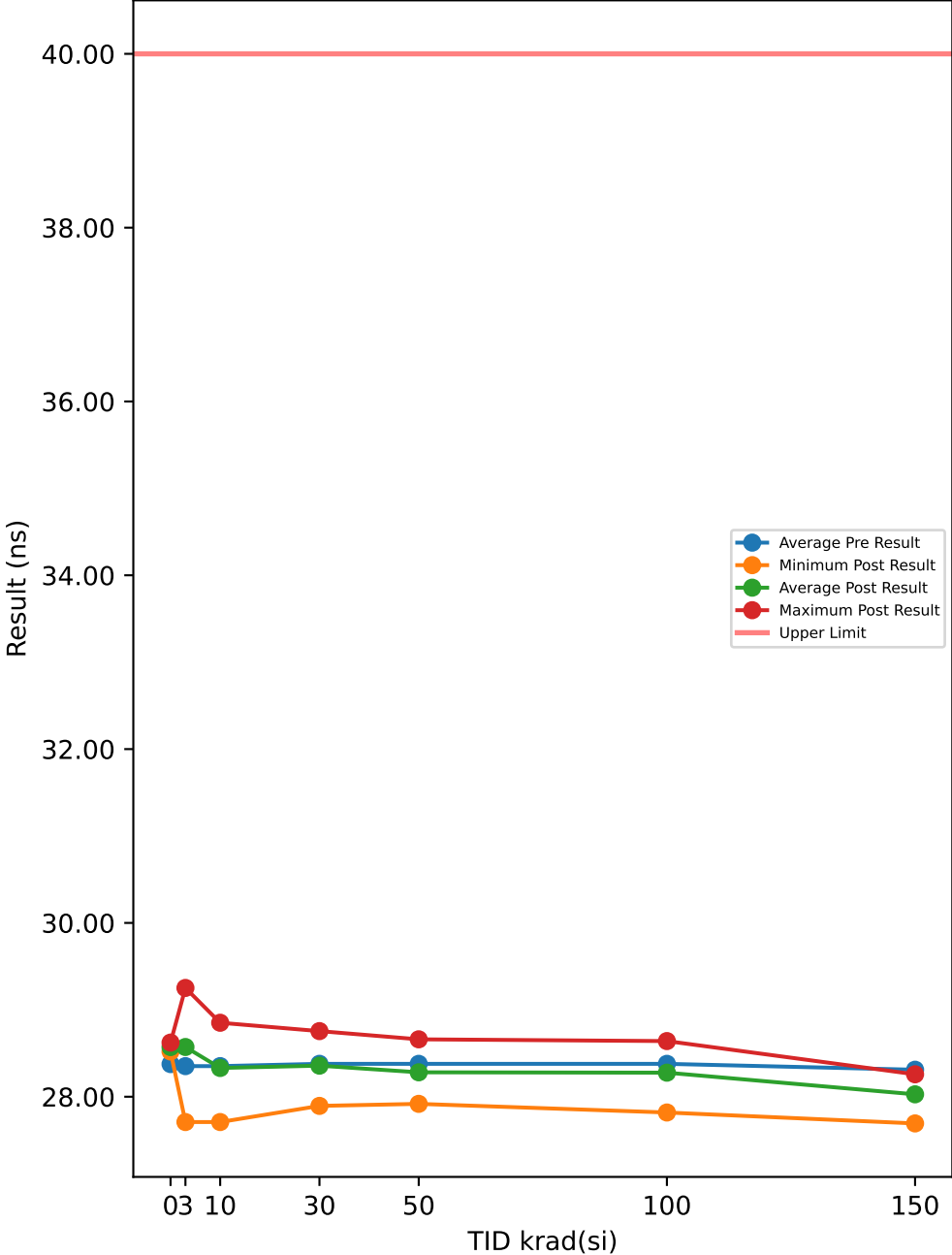


Test Statistics (ns)

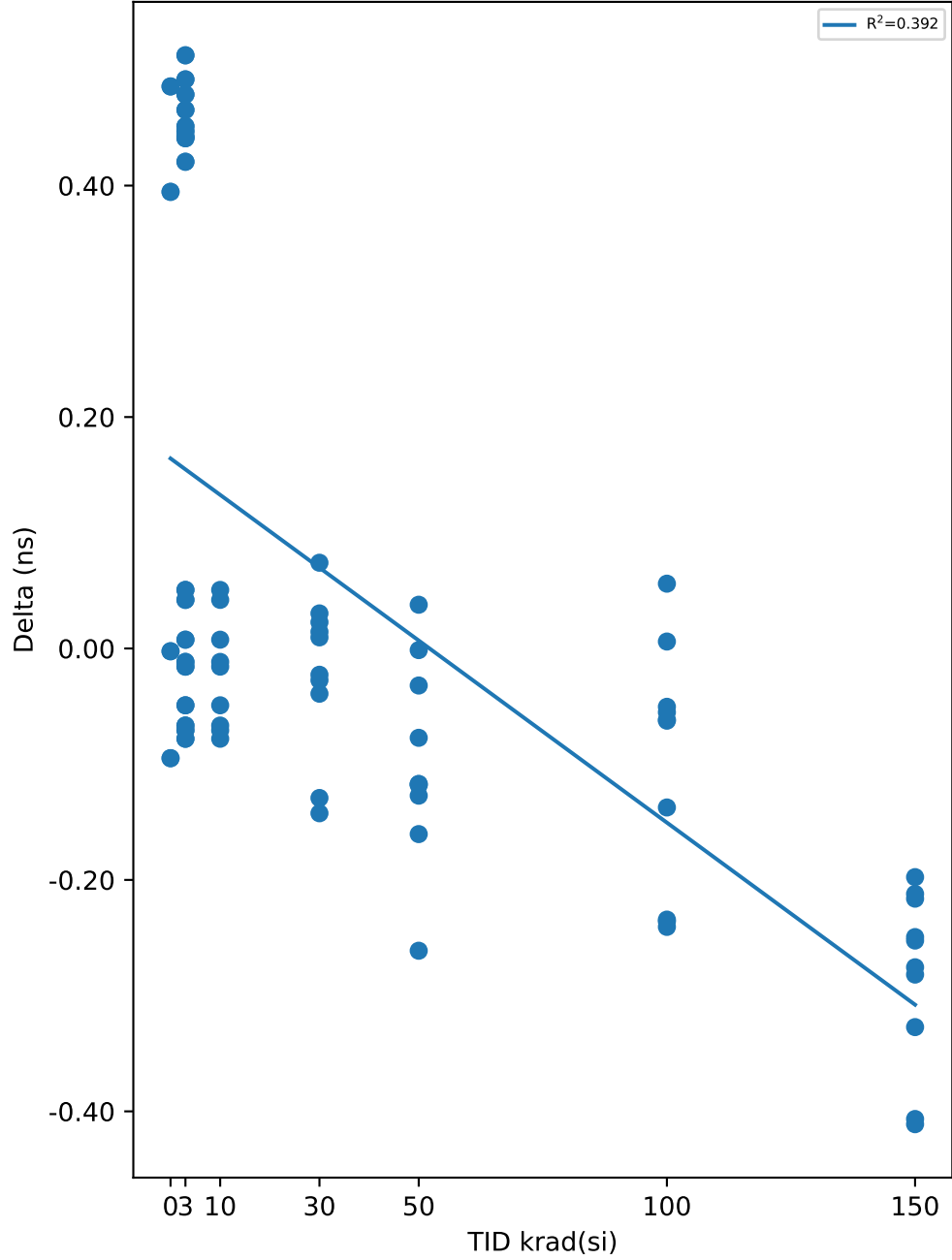
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.312	26.324	26.335	0.016051	26.535	26.621	26.707	0.12162	0.1997	0.29705	0.3944	0.13767
3	26.007	26.278	26.499	0.14982	26.267	26.516	26.77	0.16559	0.1989	0.23771	0.3006	0.03532
10	26.007	26.278	26.499	0.14982	25.948	26.23	26.456	0.16036	-0.0929	-0.048344	-0.0177	0.021903
30	25.898	26.304	26.828	0.28096	25.653	26.054	26.549	0.2896	-0.3558	-0.25001	-0.1364	0.063678
50	25.898	26.304	26.828	0.28096	25.582	25.944	26.478	0.29787	-0.4753	-0.35932	-0.2072	0.085692
100	25.898	26.304	26.828	0.28096	25.774	26.197	26.673	0.27447	-0.2656	-0.1071	0.0421	0.10284
150	25.918	26.266	26.607	0.22724	25.391	25.711	25.995	0.2001	-0.6328	-0.55512	-0.4478	0.062823

Device Test: 110.5 Prop Delay HO Off IIM Interlock VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (ns))

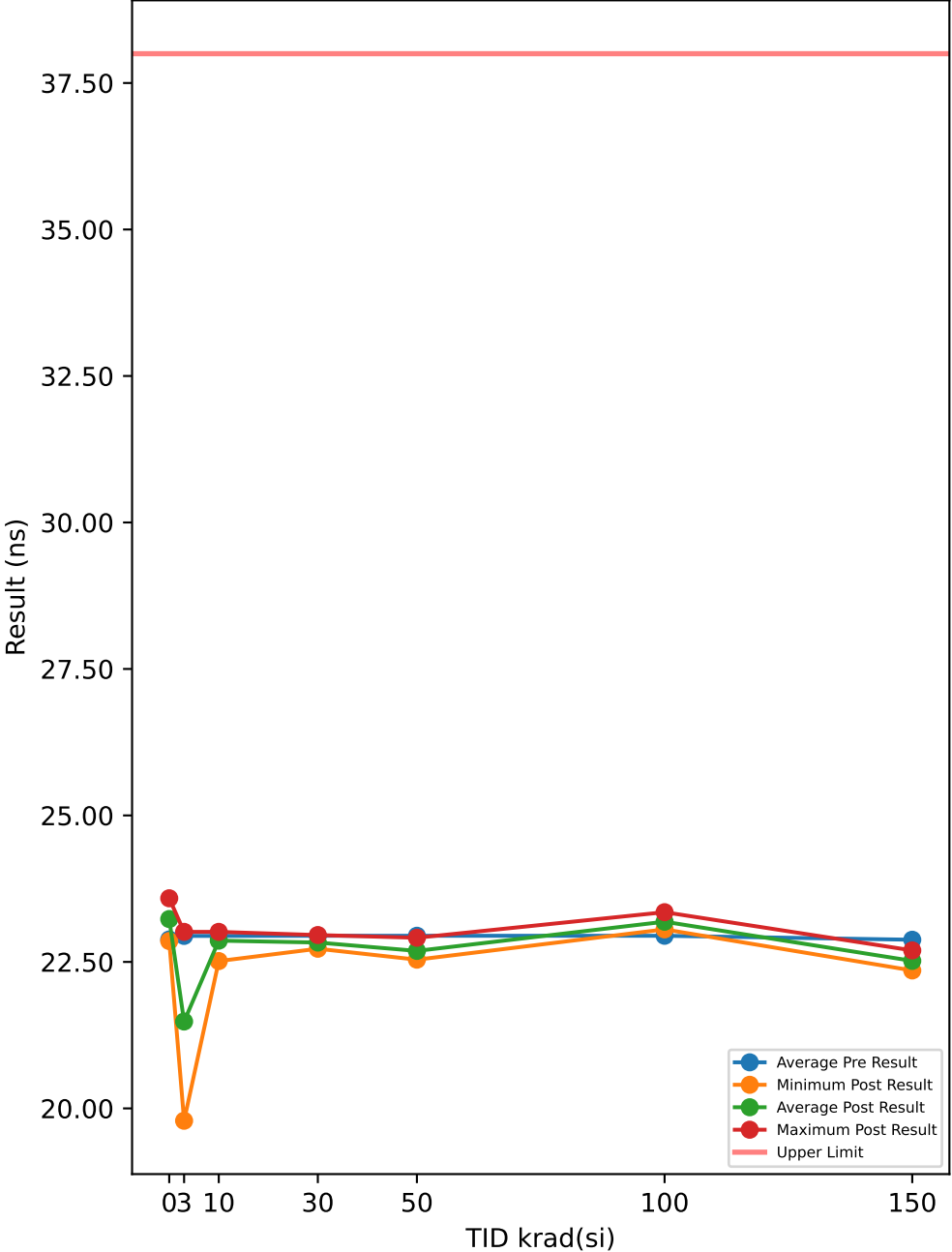
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	28.625	28.623	-0.0024
2	0	CORRELATION	28.126	28.612	0.4857
259	3	LDR Biased	28.809	29.252	0.4425
426	3	LDR Biased	28.439	28.951	0.5126
427	3	LDR Biased	27.758	28.205	0.447
428	3	LDR Biased	28.311	28.776	0.4654
429	3	LDR Unbiased	28.365	28.785	0.4206
430	3	LDR Unbiased	28.283	28.775	0.4918
431	3	LDR Unbiased	28.212	28.691	0.4787
432	3	LDR Unbiased	28.666	29.107	0.4409
433	3	LDR Unbiased	28.327	28.778	0.4513
1259	10	LDR Biased	28.809	28.851	0.042
1426	10	LDR Biased	28.439	28.361	-0.078
1427	10	LDR Biased	27.758	27.709	-0.0491
1428	10	LDR Biased	28.311	28.318	0.0076
1429	10	LDR Unbiased	28.365	28.298	-0.0666
1430	10	LDR Unbiased	28.283	28.267	-0.0157
1431	10	LDR Unbiased	28.212	28.201	-0.0116
1432	10	LDR Unbiased	28.666	28.595	-0.0707
1433	10	LDR Unbiased	28.327	28.378	0.0506
2434	30	LDR Biased	28.582	28.555	-0.0274
2435	30	LDR Biased	27.88	27.895	0.0144
2436	30	LDR Biased	28.778	28.755	-0.0227
2437	30	LDR Biased	28.224	28.081	-0.1424
2438	30	LDR Biased	28.459	28.33	-0.1292
2439	30	LDR Unbiased	28.465	28.426	-0.0391
2440	30	LDR Unbiased	28.099	28.122	0.0227
2441	30	LDR Unbiased	28.625	28.655	0.0303
2443	30	LDR Unbiased	28.126	28.2	0.0741
2444	30	LDR Unbiased	28.547	28.556	0.0096
3434	50	LDR Biased	28.582	28.422	-0.1604
3435	50	LDR Biased	27.88	27.918	0.0378
3436	50	LDR Biased	28.778	28.66	-0.1172
3437	50	LDR Biased	28.224	28.107	-0.1171
3438	50	LDR Biased	28.459	28.198	-0.2612
3439	50	LDR Unbiased	28.465	28.388	-0.0772
3440	50	LDR Unbiased	28.099	27.972	-0.1272
3441	50	LDR Unbiased	28.625	28.507	-0.1181
3443	50	LDR Unbiased	28.126	28.094	-0.032
3444	50	LDR Unbiased	28.547	28.545	-0.0014
4434	100	LDR Biased	28.582	28.348	-0.2343
4435	100	LDR Biased	27.88	27.819	-0.0616
4436	100	LDR Biased	28.778	28.64	-0.1374
4437	100	LDR Biased	28.224	27.988	-0.2359
4438	100	LDR Biased	28.459	28.218	-0.2406
4439	100	LDR Unbiased	28.465	28.415	-0.0504
4440	100	LDR Unbiased	28.099	28.105	0.006
4441	100	LDR Unbiased	28.625	28.57	-0.0551
4443	100	LDR Unbiased	28.126	28.182	0.056
4444	100	LDR Unbiased	28.547	28.484	-0.0624
4500	150	LDR Biased	28.338	28.122	-0.2162
4501	150	LDR Biased	28.599	28.192	-0.4066
4502	150	LDR Biased	28.235	27.985	-0.2494
4503	150	LDR Biased	28.164	27.912	-0.2524
4504	150	LDR Biased	28.066	27.854	-0.2121
4505	150	LDR Unbiased	28.638	28.227	-0.4111
4506	150	LDR Unbiased	28.534	28.258	-0.2755
4507	150	LDR Unbiased	27.89	27.693	-0.1976
4508	150	LDR Unbiased	28.276	27.994	-0.2818
4509	150	LDR Unbiased	28.366	28.039	-0.3272

Test Statistics (ns)

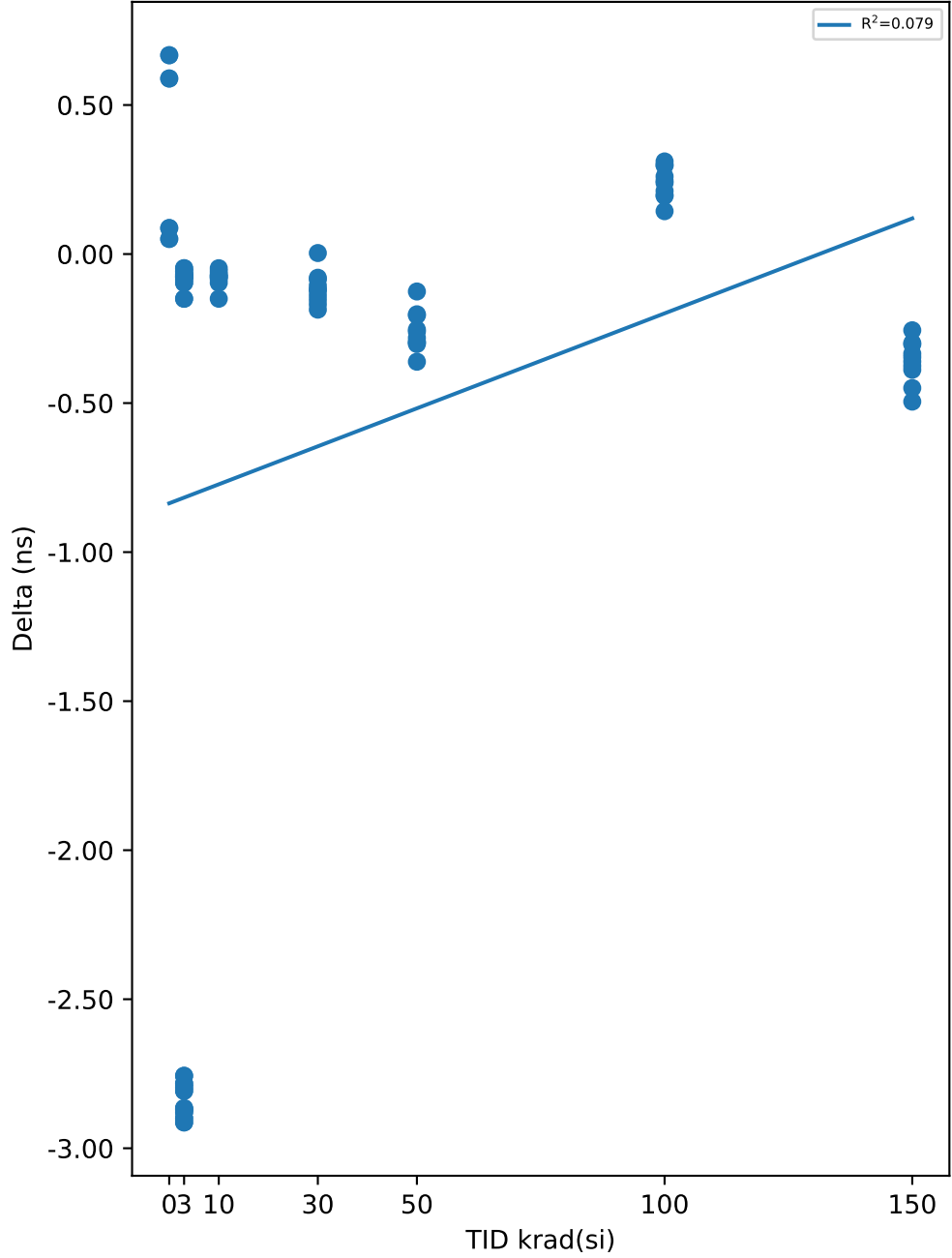
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	28.126	28.376	28.625	0.35292	28.612	28.617	28.623	0.0077782	-0.0024	0.24165	0.4857	0.34514
3	27.758	28.352	28.809	0.29476	28.205	28.813	29.252	0.29317	0.4206	0.4612	0.5126	0.028749
10	27.758	28.352	28.809	0.29476	27.709	28.331	28.851	0.30682	-0.078	-0.021278	0.0506	0.048241
30	27.88	28.378	28.778	0.28247	27.895	28.357	28.755	0.27922	-0.1424	-0.02097	0.0741	0.068792
50	27.88	28.378	28.778	0.28247	27.918	28.281	28.66	0.25732	-0.2612	-0.0974	0.0378	0.085034
100	27.88	28.378	28.778	0.28247	27.819	28.277	28.64	0.26262	-0.2406	-0.10157	0.056	0.10572
150	27.89	28.311	28.638	0.23776	27.693	28.028	28.258	0.17875	-0.4111	-0.28299	-0.1976	0.076409

Device Test: 110.6 Prop Delay LO On IIM Interlock Disable VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 38.0 (ns))

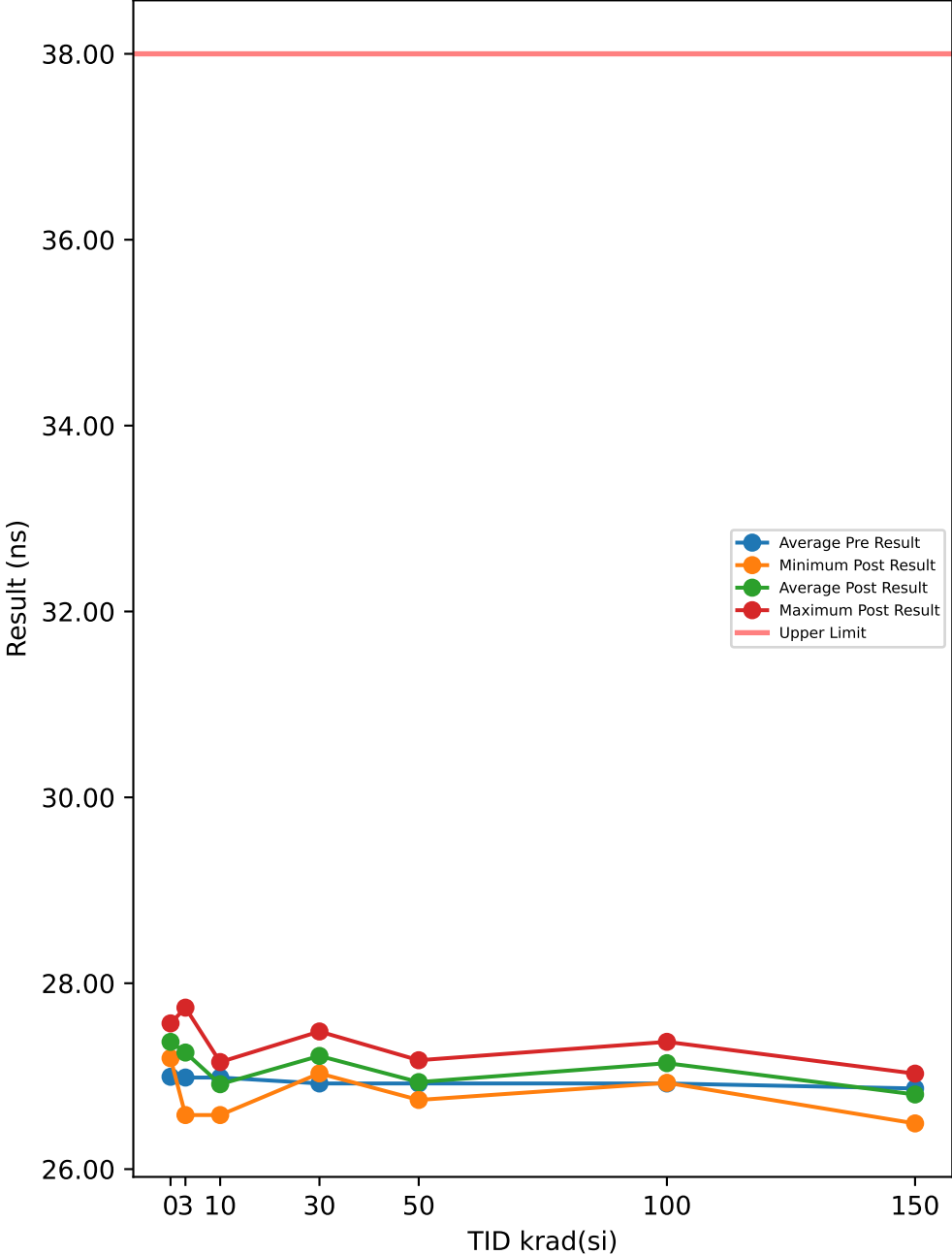
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	22.997	23.586	0.589
2	0	CORRELATION	22.769	23.436	0.6671
259	3	LDR Biased	23.109	20.239	-2.8702
426	3	LDR Biased	22.933	20.126	-2.8075
427	3	LDR Biased	22.967	20.088	-2.879
428	3	LDR Biased	22.875	20.009	-2.8656
429	3	LDR Unbiased	22.572	19.789	-2.7828
430	3	LDR Unbiased	22.987	20.193	-2.7948
431	3	LDR Unbiased	23.092	20.179	-2.9133
432	3	LDR Unbiased	22.926	20.169	-2.757
433	3	LDR Unbiased	23.034	20.134	-2.8991
1259	10	LDR Biased	23.109	23.013	-0.0964
1426	10	LDR Biased	22.933	22.886	-0.0475
1427	10	LDR Biased	22.967	22.817	-0.1499
1428	10	LDR Biased	22.875	22.802	-0.0724
1429	10	LDR Unbiased	22.572	22.514	-0.0579
1430	10	LDR Unbiased	22.987	22.911	-0.0767
1431	10	LDR Unbiased	23.092	23.009	-0.0835
1432	10	LDR Unbiased	22.926	22.858	-0.0679
1433	10	LDR Unbiased	23.034	22.957	-0.0764
2434	30	LDR Biased	22.911	22.725	-0.1865
2435	30	LDR Biased	22.901	22.816	-0.085
2436	30	LDR Biased	23.046	22.878	-0.1687
2437	30	LDR Biased	22.91	22.791	-0.1186
2438	30	LDR Biased	22.976	22.838	-0.1379
2439	30	LDR Unbiased	23.038	22.958	-0.0795
2440	30	LDR Unbiased	22.9	22.778	-0.1218
2441	30	LDR Unbiased	22.997	22.891	-0.1057
2443	30	LDR Unbiased	22.769	22.773	0.0034
2444	30	LDR Unbiased	23.014	22.861	-0.1527
3434	50	LDR Biased	22.911	22.61	-0.3017
3435	50	LDR Biased	22.901	22.648	-0.2533
3436	50	LDR Biased	23.046	22.786	-0.2601
3437	50	LDR Biased	22.91	22.615	-0.2947
3438	50	LDR Biased	22.976	22.695	-0.2814
3439	50	LDR Unbiased	23.038	22.912	-0.1256
3440	50	LDR Unbiased	22.9	22.538	-0.3612
3441	50	LDR Unbiased	22.997	22.7	-0.2965
3443	50	LDR Unbiased	22.769	22.567	-0.2021
3444	50	LDR Unbiased	23.014	22.808	-0.2054
4434	100	LDR Biased	22.911	23.055	0.1438
4435	100	LDR Biased	22.901	23.161	0.2604
4436	100	LDR Biased	23.046	23.285	0.2387
4437	100	LDR Biased	22.91	23.105	0.1951
4438	100	LDR Biased	22.976	23.188	0.2117
4439	100	LDR Unbiased	23.038	23.349	0.3107
4440	100	LDR Unbiased	22.9	23.097	0.1975
4441	100	LDR Unbiased	22.997	23.242	0.2456
4443	100	LDR Unbiased	22.769	23.068	0.2989
4444	100	LDR Unbiased	23.014	23.311	0.2972
4500	150	LDR Biased	22.715	22.354	-0.3606
4501	150	LDR Biased	22.991	22.541	-0.4495
4502	150	LDR Biased	23.023	22.689	-0.3342
4503	150	LDR Biased	22.863	22.565	-0.2985
4504	150	LDR Biased	22.847	22.471	-0.3753
4505	150	LDR Unbiased	22.952	22.606	-0.3458
4506	150	LDR Unbiased	22.999	22.696	-0.303
4507	150	LDR Unbiased	22.656	22.4	-0.2557
4508	150	LDR Unbiased	22.792	22.404	-0.3883
4509	150	LDR Unbiased	22.946	22.451	-0.495

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	22.769	22.883	22.997	0.16108	23.436	23.511	23.586	0.10585	0.589	0.62805	0.6671	0.055225
3	22.572	22.944	23.109	0.15935	19.789	20.103	20.239	0.1349	-2.9133	-2.841	-2.757	0.05613
10	22.572	22.944	23.109	0.15935	22.514	22.863	23.013	0.15112	-0.1499	-0.080956	-0.0475	0.029436
30	22.769	22.946	23.046	0.084707	22.725	22.831	22.958	0.068562	-0.1865	-0.1153	0.0034	0.054022
50	22.769	22.946	23.046	0.084707	22.538	22.688	22.912	0.11772	-0.3612	-0.2582	-0.1256	0.066151
100	22.769	22.946	23.046	0.084707	23.055	23.186	23.349	0.10602	0.1438	0.23996	0.3107	0.053817
150	22.656	22.878	23.023	0.12606	22.354	22.518	22.696	0.12104	-0.495	-0.36059	-0.2557	0.071526

Device Test: 110.7 Prop Delay LO Off IIM Interlock Disable VIN_10V

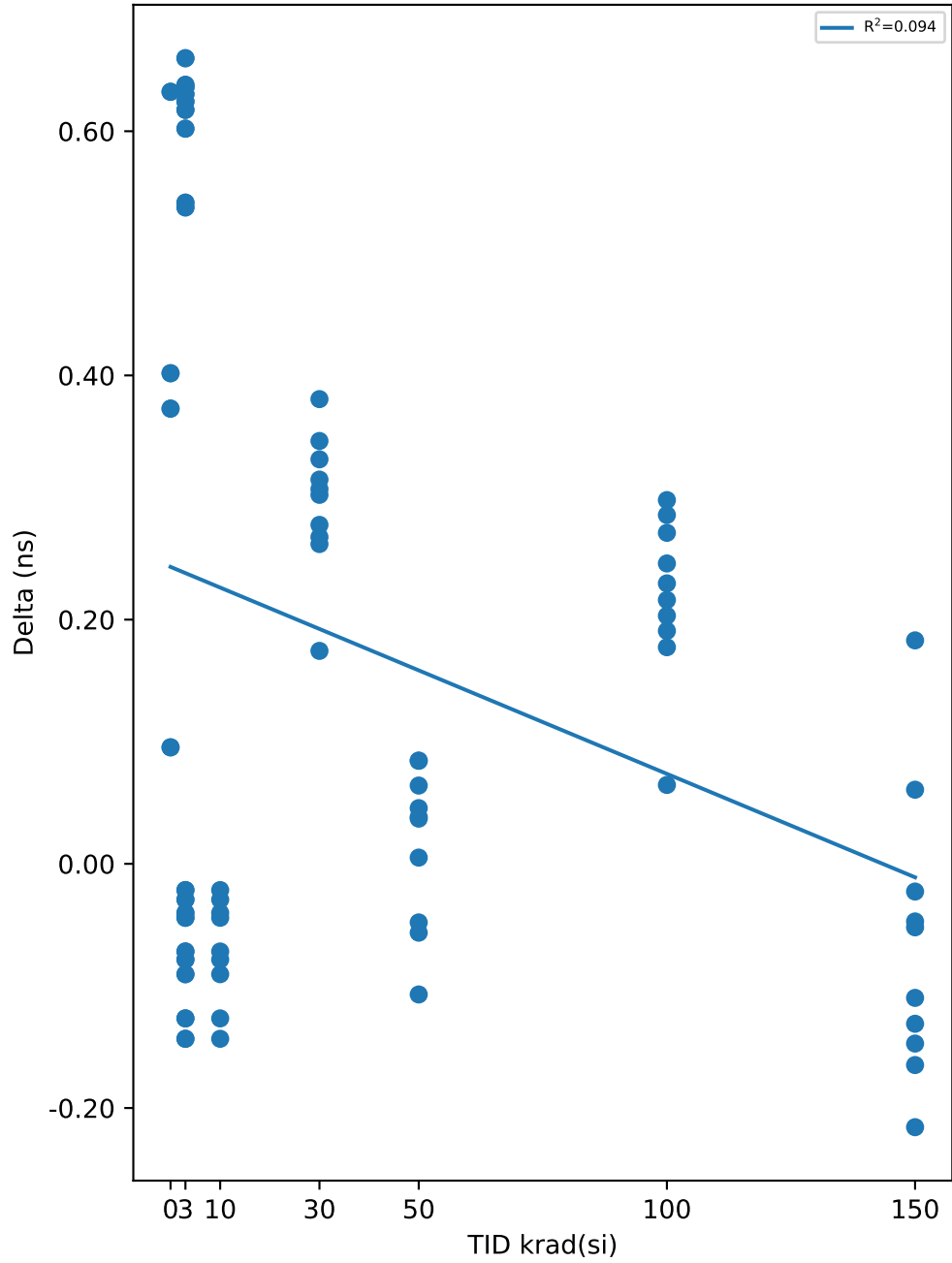
TID vs Result Stats



Test Results (Upper Limit = 38.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	27.166	27.568	0.4018
2	0	CORRELATION	26.821	27.453	0.6323
259	3	LDR Biased	27.181	27.718	0.5376
426	3	LDR Biased	27.004	27.664	0.6598
427	3	LDR Biased	26.931	27.555	0.6243
428	3	LDR Biased	27.002	27.633	0.6304
429	3	LDR Unbiased	26.672	27.274	0.6021
430	3	LDR Unbiased	26.976	27.614	0.638
431	3	LDR Unbiased	26.991	27.627	0.6358
432	3	LDR Unbiased	26.916	27.533	0.6175
433	3	LDR Unbiased	27.196	27.738	0.5415
1259	10	LDR Biased	27.181	27.109	-0.0718
1426	10	LDR Biased	27.004	26.964	-0.0402
1427	10	LDR Biased	26.931	26.788	-0.1433
1428	10	LDR Biased	27.002	26.973	-0.0293
1429	10	LDR Unbiased	26.672	26.582	-0.0904
1430	10	LDR Unbiased	26.976	26.954	-0.0215
1431	10	LDR Unbiased	26.991	26.864	-0.1266
1432	10	LDR Unbiased	26.916	26.837	-0.0784
1433	10	LDR Unbiased	27.196	27.152	-0.0442
2434	30	LDR Biased	26.949	27.123	0.1744
2435	30	LDR Biased	26.699	27.03	0.3313
2436	30	LDR Biased	26.926	27.233	0.3069
2437	30	LDR Biased	26.858	27.135	0.2776
2438	30	LDR Biased	26.975	27.237	0.2619
2439	30	LDR Unbiased	27.068	27.414	0.3463
2440	30	LDR Unbiased	26.915	27.183	0.2676
2441	30	LDR Unbiased	27.166	27.481	0.3147
2443	30	LDR Unbiased	26.821	27.201	0.3806
2444	30	LDR Unbiased	26.84	27.142	0.3022
3434	50	LDR Biased	26.949	26.842	-0.107
3435	50	LDR Biased	26.699	26.744	0.0456
3436	50	LDR Biased	26.926	26.87	-0.0564
3437	50	LDR Biased	26.858	26.896	0.0384
3438	50	LDR Biased	26.975	27.059	0.0844
3439	50	LDR Unbiased	27.068	27.132	0.0641
3440	50	LDR Unbiased	26.915	26.867	-0.048
3441	50	LDR Unbiased	27.166	27.171	0.0051
3443	50	LDR Unbiased	26.821	26.905	0.0845
3444	50	LDR Unbiased	26.84	26.877	0.037
4434	100	LDR Biased	26.949	27.013	0.0646
4435	100	LDR Biased	26.699	26.928	0.2297
4436	100	LDR Biased	26.926	27.142	0.2161
4437	100	LDR Biased	26.858	27.049	0.1908
4438	100	LDR Biased	26.975	27.221	0.246
4439	100	LDR Unbiased	27.068	27.366	0.2979
4440	100	LDR Unbiased	26.915	27.093	0.1774
4441	100	LDR Unbiased	27.166	27.369	0.2032
4443	100	LDR Unbiased	26.821	27.106	0.2857
4444	100	LDR Unbiased	26.84	27.111	0.2711
4500	150	LDR Biased	26.669	26.622	-0.0472
4501	150	LDR Biased	27.158	27.027	-0.131
4502	150	LDR Biased	26.958	27.019	0.0607
4503	150	LDR Biased	26.843	27.026	0.183
4504	150	LDR Biased	26.68	26.628	-0.052
4505	150	LDR Unbiased	26.905	26.758	-0.1472
4506	150	LDR Unbiased	26.948	26.926	-0.0227
4507	150	LDR Unbiased	26.602	26.492	-0.1098
4508	150	LDR Unbiased	26.952	26.737	-0.2157
4509	150	LDR Unbiased	26.963	26.799	-0.1648

TID vs Post - Pre Exposure Delta

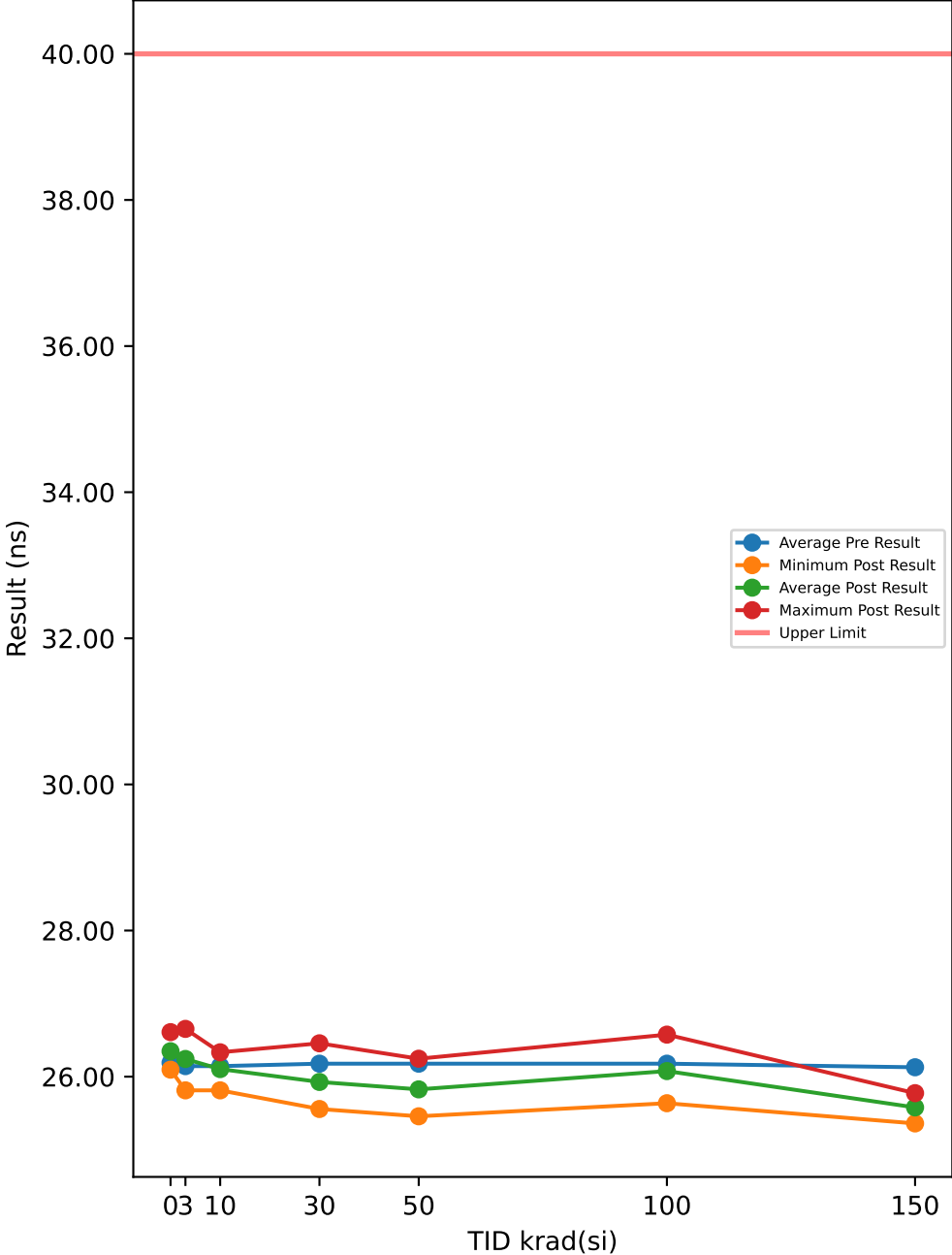


Test Statistics (ns)

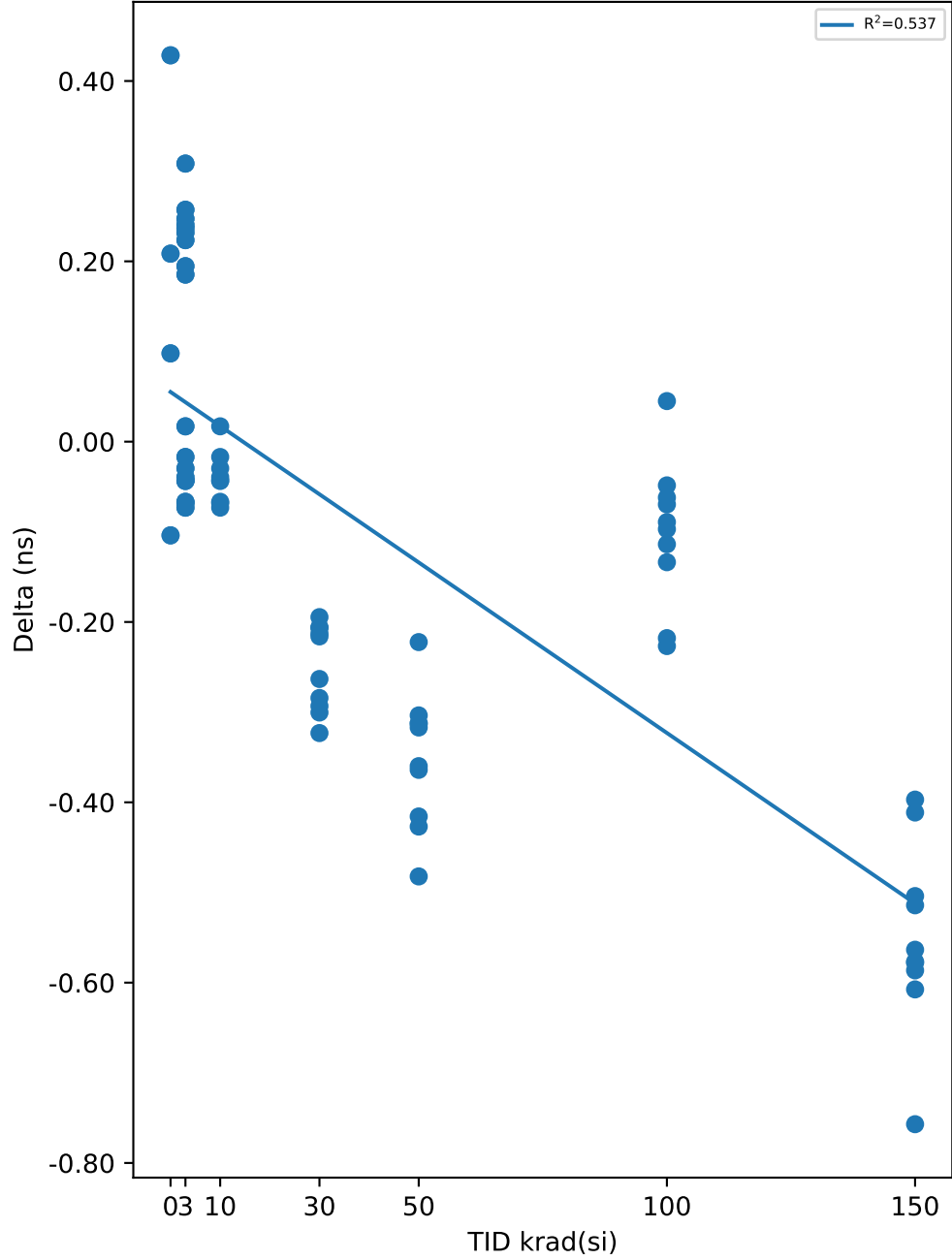
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.821	26.993	27.166	0.24438	27.453	27.511	27.568	0.081388	0.4018	0.51705	0.6323	0.16299
3	26.672	26.985	27.196	0.15376	27.274	27.595	27.738	0.1375	0.5376	0.60967	0.6598	0.042723
10	26.672	26.985	27.196	0.15376	26.582	26.914	27.152	0.17204	-0.1433	-0.071744	-0.0215	0.042722
30	26.699	26.922	27.166	0.1314	27.03	27.218	27.481	0.13605	0.1744	0.29635	0.3806	0.056306
50	26.699	26.922	27.166	0.1314	26.744	26.936	27.171	0.13732	-0.107	0.01477	0.0845	0.065042
100	26.699	26.922	27.166	0.1314	26.928	27.14	27.369	0.1428	0.0646	0.21825	0.2979	0.067371
150	26.602	26.868	27.158	0.17097	26.492	26.803	27.027	0.19107	-0.2157	-0.06467	0.183	0.11802

Device Test: 110.8 Prop Delay HO On IIM Interlock Disable VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (ns))

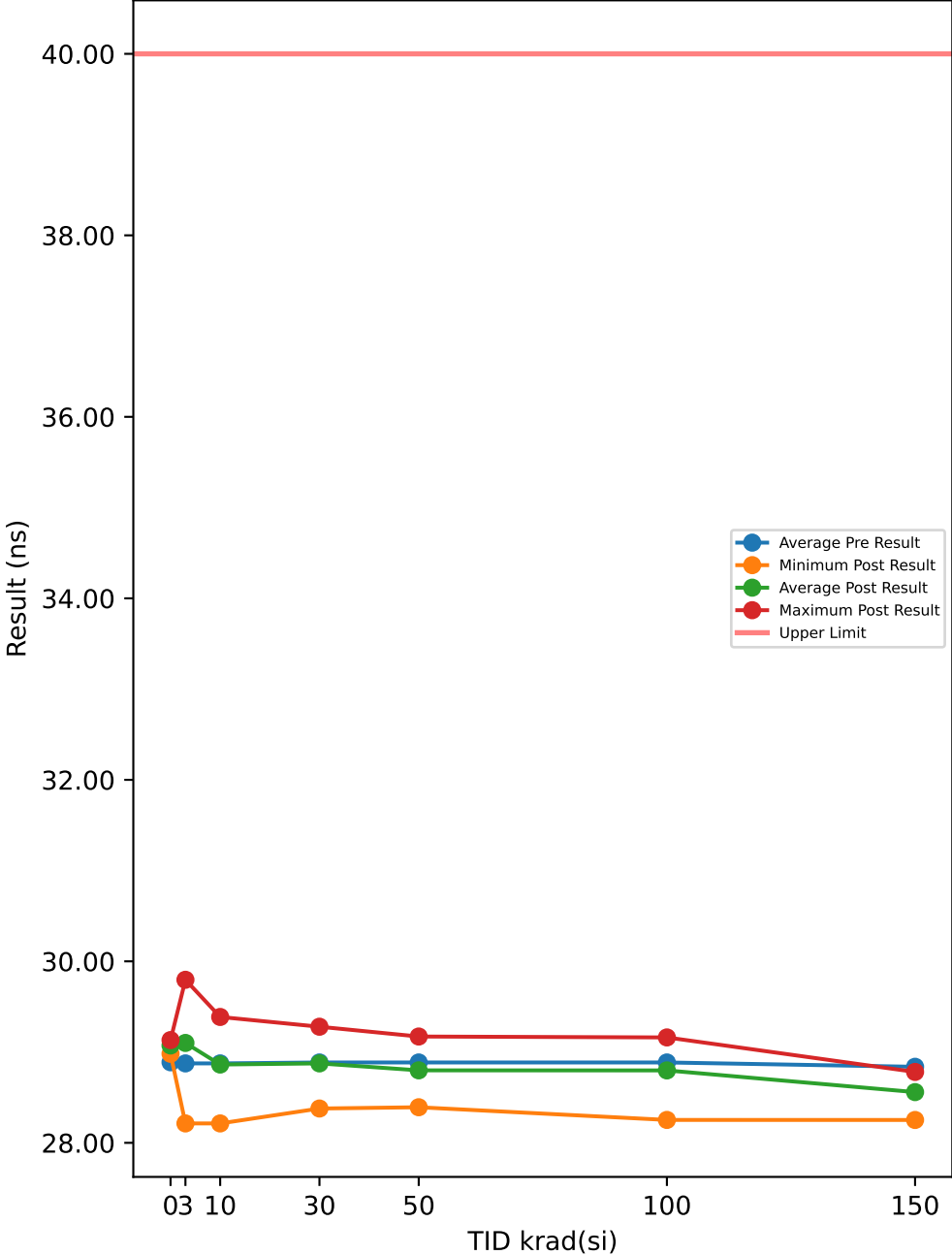
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	26.181	26.61	0.4285
2	0	CORRELATION	26.2	26.408	0.2085
259	3	LDR Biased	26.111	26.335	0.2235
426	3	LDR Biased	26.304	26.536	0.2318
427	3	LDR Biased	25.881	26.138	0.2572
428	3	LDR Biased	26.264	26.449	0.1853
429	3	LDR Unbiased	25.963	26.2	0.2367
430	3	LDR Unbiased	26.114	26.422	0.3084
431	3	LDR Unbiased	26.161	26.356	0.1946
432	3	LDR Unbiased	26.407	26.654	0.2472
433	3	LDR Unbiased	26.094	26.334	0.2405
1259	10	LDR Biased	26.111	26.128	0.017
1426	10	LDR Biased	26.304	26.265	-0.0394
1427	10	LDR Biased	25.881	25.813	-0.0681
1428	10	LDR Biased	26.264	26.221	-0.043
1429	10	LDR Unbiased	25.963	25.896	-0.0667
1430	10	LDR Unbiased	26.114	26.07	-0.0436
1431	10	LDR Unbiased	26.161	26.144	-0.017
1432	10	LDR Unbiased	26.407	26.334	-0.0732
1433	10	LDR Unbiased	26.094	26.064	-0.0296
2434	30	LDR Biased	26.472	26.265	-0.2064
2435	30	LDR Biased	25.77	25.558	-0.2127
2436	30	LDR Biased	26.672	26.456	-0.216
2437	30	LDR Biased	25.93	25.646	-0.2843
2438	30	LDR Biased	26.138	25.814	-0.3232
2439	30	LDR Unbiased	26.203	25.997	-0.2059
2440	30	LDR Unbiased	25.885	25.622	-0.2632
2441	30	LDR Unbiased	26.181	25.888	-0.2933
2443	30	LDR Unbiased	26.2	26.005	-0.1946
2444	30	LDR Unbiased	26.327	26.026	-0.3004
3434	50	LDR Biased	26.472	26.108	-0.364
3435	50	LDR Biased	25.77	25.457	-0.3127
3436	50	LDR Biased	26.672	26.246	-0.4269
3437	50	LDR Biased	25.93	25.613	-0.317
3438	50	LDR Biased	26.138	25.655	-0.4822
3439	50	LDR Unbiased	26.203	25.891	-0.3123
3440	50	LDR Unbiased	25.885	25.525	-0.3599
3441	50	LDR Unbiased	26.181	25.765	-0.4157
3443	50	LDR Unbiased	26.2	25.977	-0.2223
3444	50	LDR Unbiased	26.327	26.023	-0.3036
4434	100	LDR Biased	26.472	26.254	-0.2179
4435	100	LDR Biased	25.77	25.637	-0.1337
4436	100	LDR Biased	26.672	26.576	-0.097
4437	100	LDR Biased	25.93	25.816	-0.1138
4438	100	LDR Biased	26.138	25.911	-0.2267
4439	100	LDR Unbiased	26.203	26.141	-0.062
4440	100	LDR Unbiased	25.885	25.836	-0.0485
4441	100	LDR Unbiased	26.181	26.092	-0.0892
4443	100	LDR Unbiased	26.2	26.245	0.045
4444	100	LDR Unbiased	26.327	26.257	-0.0696
4500	150	LDR Biased	26.345	25.759	-0.5864
4501	150	LDR Biased	26.178	25.57	-0.6075
4502	150	LDR Biased	26.139	25.635	-0.504
4503	150	LDR Biased	26.052	25.475	-0.5768
4504	150	LDR Biased	26.108	25.594	-0.5142
4505	150	LDR Unbiased	26.481	25.724	-0.757
4506	150	LDR Unbiased	26.352	25.774	-0.5778
4507	150	LDR Unbiased	25.779	25.382	-0.397
4508	150	LDR Unbiased	25.771	25.36	-0.4113
4509	150	LDR Unbiased	26.081	25.518	-0.5635

Test Statistics (ns)

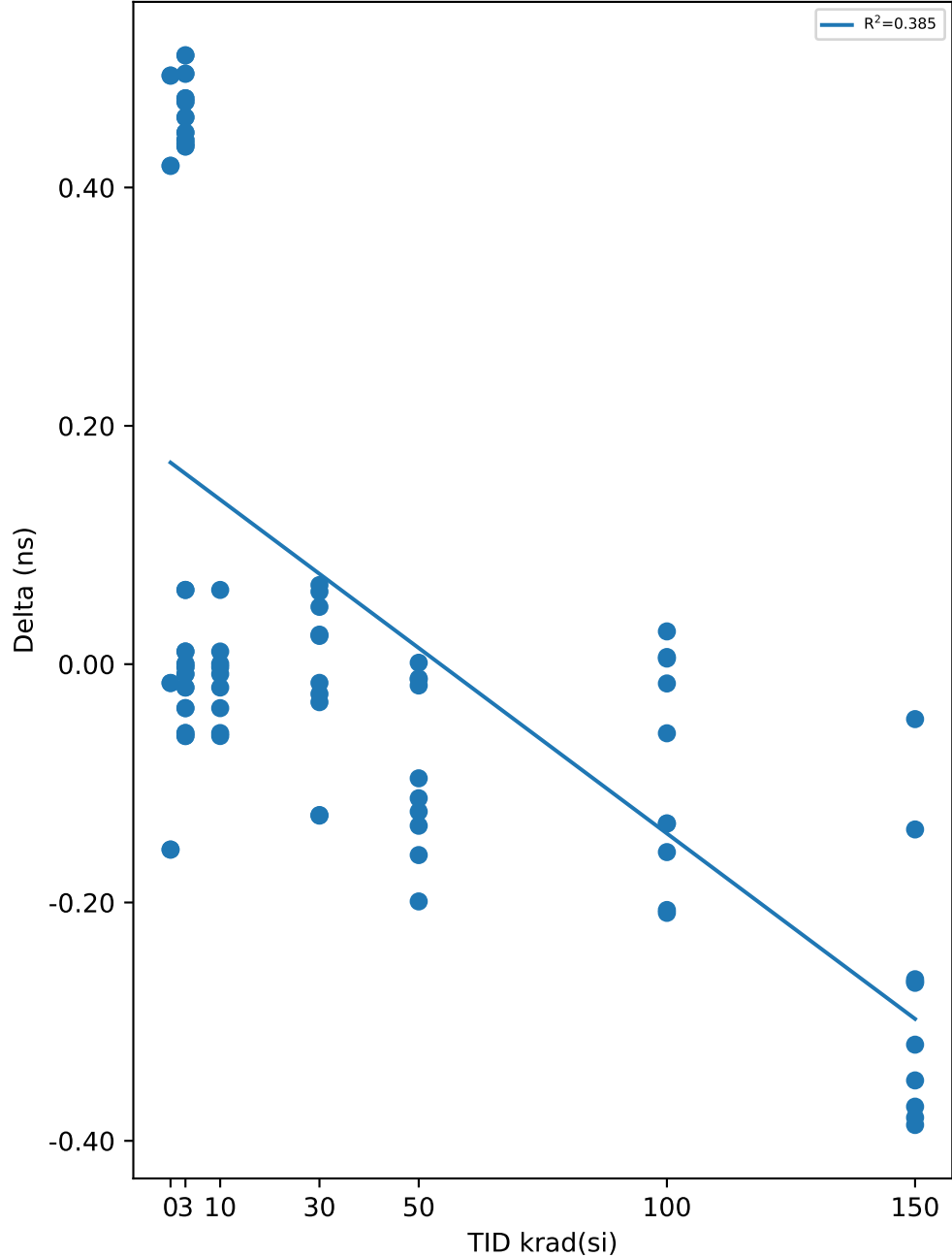
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.181	26.19	26.2	0.013294	26.408	26.509	26.61	0.14227	0.2085	0.3185	0.4285	0.15556
3	25.881	26.144	26.407	0.16424	26.138	26.38	26.654	0.15877	0.1853	0.23613	0.3084	0.035874
10	25.881	26.144	26.407	0.16424	25.813	26.104	26.334	0.16773	-0.0732	-0.0404	0.017	0.02853
30	25.77	26.178	26.672	0.27275	25.558	25.928	26.456	0.28656	-0.3232	-0.25	-0.1946	0.047826
50	25.77	26.178	26.672	0.27275	25.457	25.826	26.246	0.26377	-0.4822	-0.35166	-0.2223	0.074785
100	25.77	26.178	26.672	0.27275	25.637	26.076	26.576	0.27736	-0.2267	-0.10134	0.045	0.079884
150	25.771	26.129	26.481	0.23136	25.36	25.579	25.774	0.1476	-0.757	-0.54955	-0.397	0.10285

Device Test: 110.9 Prop Delay HO Off IIM Interlock Disable VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (ns))

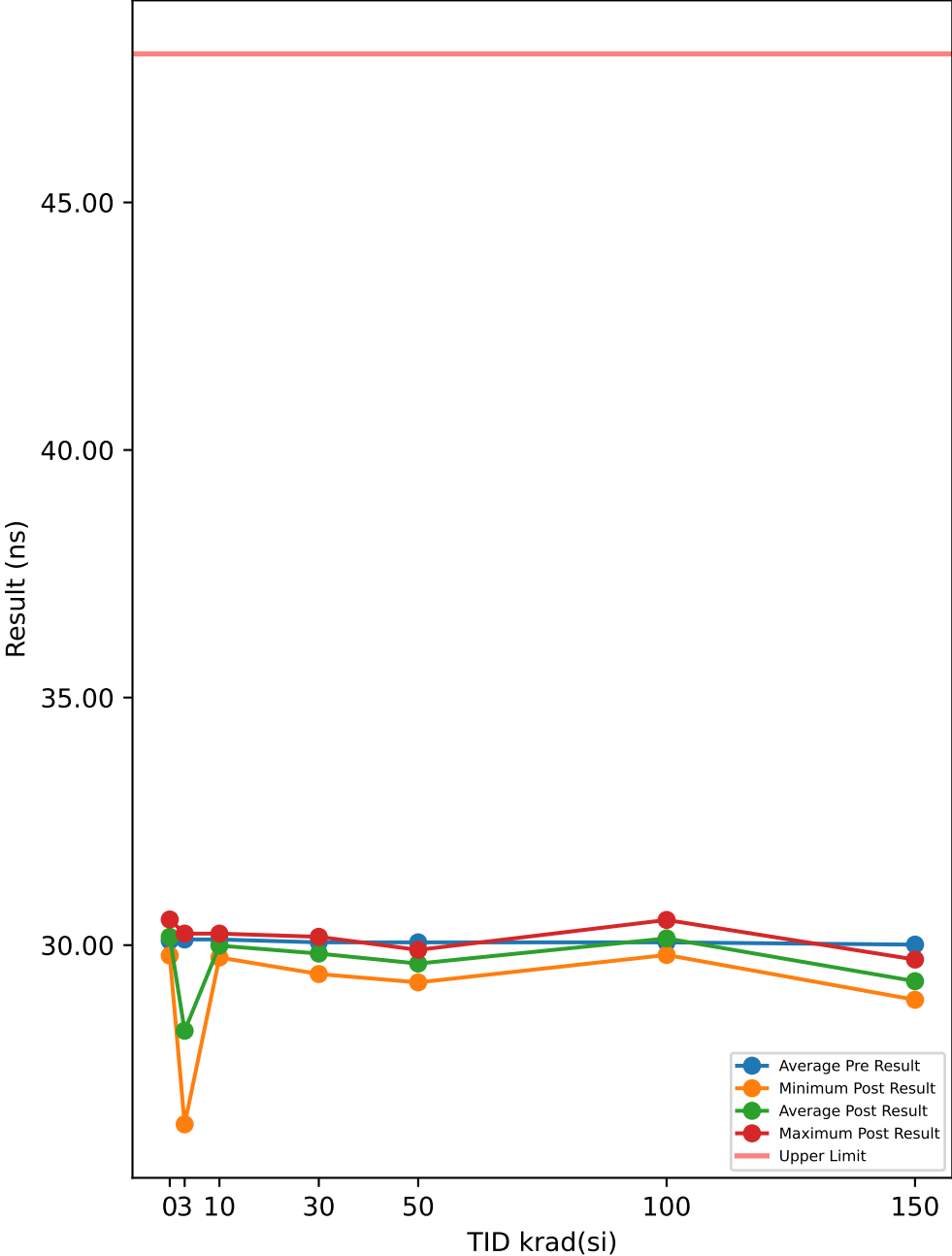
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	29.137	29.121	-0.0158
2	0	CORRELATION	28.638	29.132	0.4939
259	3	LDR Biased	29.325	29.797	0.4719
426	3	LDR Biased	28.928	29.423	0.4955
427	3	LDR Biased	28.272	28.706	0.4344
428	3	LDR Biased	28.829	29.304	0.4749
429	3	LDR Unbiased	28.895	29.335	0.44
430	3	LDR Unbiased	28.793	29.304	0.5109
431	3	LDR Unbiased	28.763	29.209	0.4461
432	3	LDR Unbiased	29.224	29.66	0.4367
433	3	LDR Unbiased	28.85	29.309	0.4589
1259	10	LDR Biased	29.325	29.387	0.0623
1426	10	LDR Biased	28.928	28.891	-0.0369
1427	10	LDR Biased	28.272	28.214	-0.0578
1428	10	LDR Biased	28.829	28.829	0.0003
1429	10	LDR Unbiased	28.895	28.835	-0.0603
1430	10	LDR Unbiased	28.793	28.804	0.0106
1431	10	LDR Unbiased	28.763	28.744	-0.0196
1432	10	LDR Unbiased	29.224	29.215	-0.0083
1433	10	LDR Unbiased	28.85	28.847	-0.0025
2434	30	LDR Biased	29.091	29.066	-0.025
2435	30	LDR Biased	28.41	28.378	-0.0319
2436	30	LDR Biased	29.295	29.279	-0.0157
2437	30	LDR Biased	28.725	28.599	-0.1266
2438	30	LDR Biased	28.927	28.8	-0.1271
2439	30	LDR Unbiased	28.978	29.003	0.0248
2440	30	LDR Unbiased	28.614	28.681	0.0664
2441	30	LDR Unbiased	29.137	29.161	0.0237
2443	30	LDR Unbiased	28.638	28.699	0.0609
2444	30	LDR Unbiased	29.04	29.088	0.0481
3434	50	LDR Biased	29.091	28.955	-0.1356
3435	50	LDR Biased	28.41	28.392	-0.0179
3436	50	LDR Biased	29.295	29.171	-0.1237
3437	50	LDR Biased	28.725	28.565	-0.1602
3438	50	LDR Biased	28.927	28.814	-0.1125
3439	50	LDR Unbiased	28.978	28.98	0.0012
3440	50	LDR Unbiased	28.614	28.415	-0.1991
3441	50	LDR Unbiased	29.137	29.041	-0.0958
3443	50	LDR Unbiased	28.638	28.626	-0.012
3444	50	LDR Unbiased	29.04	29.027	-0.0127
4434	100	LDR Biased	29.091	28.885	-0.2063
4435	100	LDR Biased	28.41	28.252	-0.1577
4436	100	LDR Biased	29.295	29.161	-0.1337
4437	100	LDR Biased	28.725	28.517	-0.2087
4438	100	LDR Biased	28.927	28.793	-0.1337
4439	100	LDR Unbiased	28.978	28.962	-0.0162
4440	100	LDR Unbiased	28.614	28.62	0.006
4441	100	LDR Unbiased	29.137	29.079	-0.058
4443	100	LDR Unbiased	28.638	28.666	0.0275
4444	100	LDR Unbiased	29.04	29.044	0.0047
4500	150	LDR Biased	28.9	28.633	-0.2674
4501	150	LDR Biased	29.089	28.702	-0.3867
4502	150	LDR Biased	28.802	28.537	-0.2644
4503	150	LDR Biased	28.69	28.371	-0.3193
4504	150	LDR Biased	28.632	28.252	-0.3805
4505	150	LDR Unbiased	29.131	28.781	-0.3493
4506	150	LDR Unbiased	29.033	28.767	-0.2664
4507	150	LDR Unbiased	28.41	28.364	-0.0461
4508	150	LDR Unbiased	28.776	28.637	-0.1387
4509	150	LDR Unbiased	28.917	28.546	-0.3713

Test Statistics (ns)

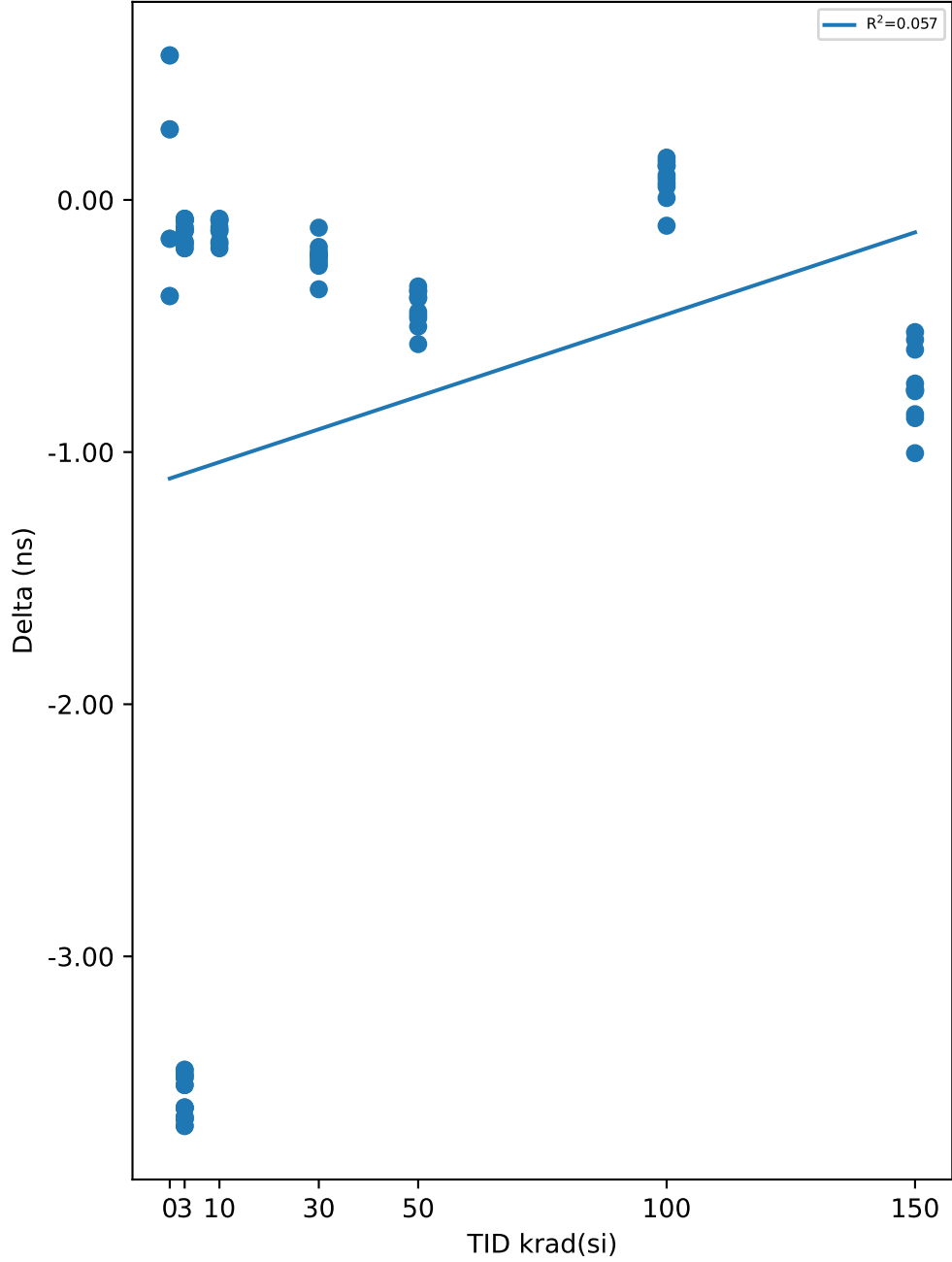
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	28.638	28.888	29.137	0.35249	29.121	29.127	29.132	0.0079196	-0.0158	0.23905	0.4939	0.36041
3	28.272	28.875	29.325	0.29855	28.706	29.339	29.797	0.30428	0.4344	0.46326	0.5109	0.027184
10	28.272	28.875	29.325	0.29855	28.214	28.863	29.387	0.32422	-0.0603	-0.012467	0.0623	0.037737
30	28.41	28.886	29.295	0.2776	28.378	28.875	29.279	0.28688	-0.1271	-0.01024	0.0664	0.07042
50	28.41	28.886	29.295	0.2776	28.392	28.799	29.171	0.27964	-0.1991	-0.08683	0.0012	0.071539
100	28.41	28.886	29.295	0.2776	28.252	28.798	29.161	0.28519	-0.2087	-0.08761	0.0275	0.090934
150	28.41	28.838	29.131	0.22344	28.252	28.559	28.781	0.18043	-0.3867	-0.27901	-0.0461	0.11127

Device Test: 111.0 Prop Delay LO Off PWM VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 48.0 (ns))

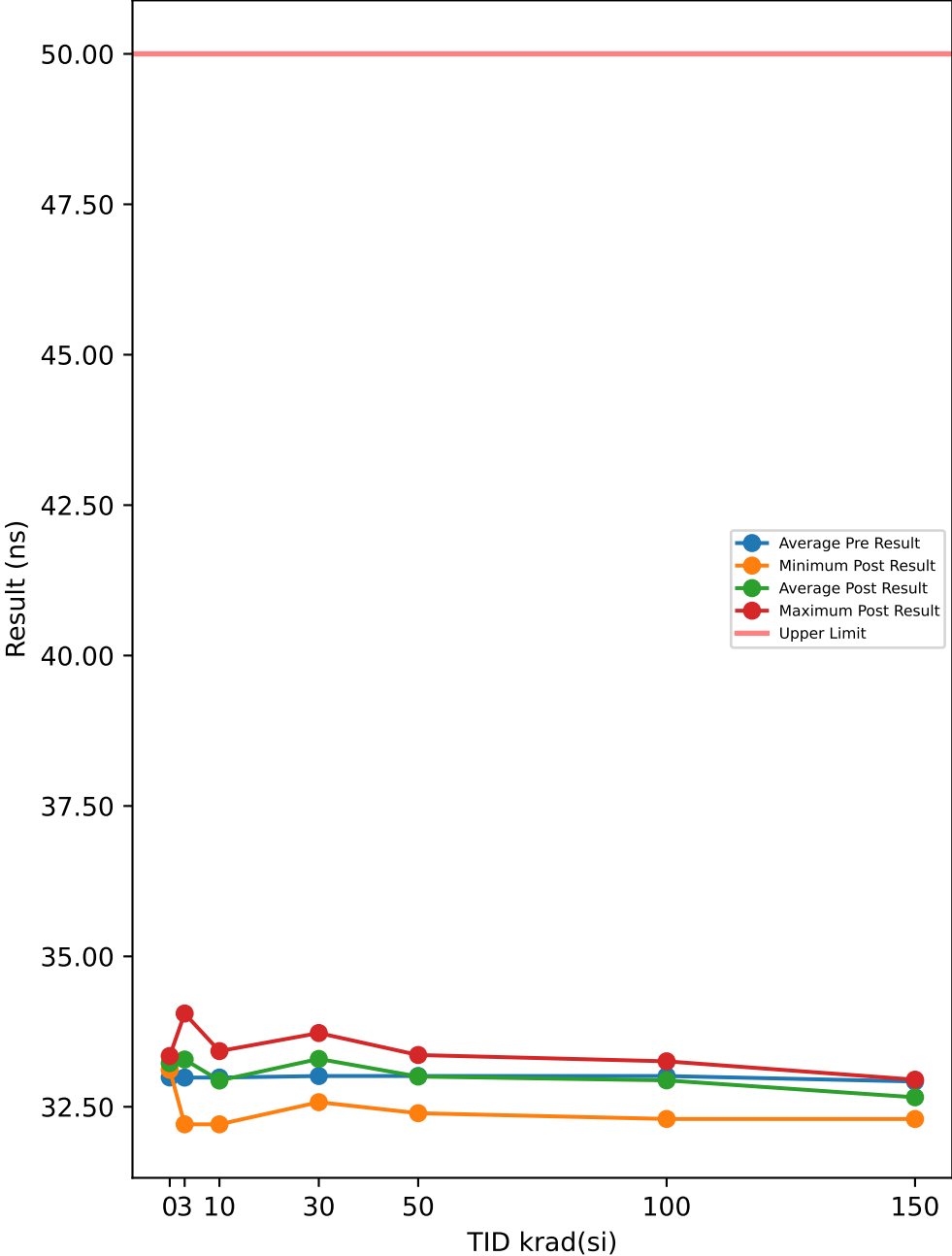
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	30.233	30.513	0.2801
2	0	CORRELATION	29.944	30.517	0.5732
259	3	LDR Biased	30.268	26.623	-3.6454
426	3	LDR Biased	30.346	26.745	-3.6017
427	3	LDR Biased	29.941	26.46	-3.4806
428	3	LDR Biased	30.104	26.467	-3.637
429	3	LDR Unbiased	29.925	26.415	-3.5103
430	3	LDR Unbiased	30.156	26.707	-3.4497
431	3	LDR Unbiased	30.103	26.504	-3.599
432	3	LDR Unbiased	29.85	26.381	-3.4688
433	3	LDR Unbiased	30.341	26.668	-3.6726
1259	10	LDR Biased	30.268	30.144	-0.1238
1426	10	LDR Biased	30.346	30.227	-0.1196
1427	10	LDR Biased	29.941	29.775	-0.1657
1428	10	LDR Biased	30.104	30.022	-0.0823
1429	10	LDR Unbiased	29.925	29.751	-0.1742
1430	10	LDR Unbiased	30.156	30.078	-0.0788
1431	10	LDR Unbiased	30.103	29.911	-0.1918
1432	10	LDR Unbiased	29.85	29.776	-0.0744
1433	10	LDR Unbiased	30.341	30.233	-0.1082
2434	30	LDR Biased	30.145	29.895	-0.2493
2435	30	LDR Biased	29.634	29.417	-0.2174
2436	30	LDR Biased	30.017	29.663	-0.3544
2437	30	LDR Biased	29.931	29.821	-0.1102
2438	30	LDR Biased	29.971	29.755	-0.2155
2439	30	LDR Unbiased	30.373	30.168	-0.2052
2440	30	LDR Unbiased	30.17	29.984	-0.1866
2441	30	LDR Unbiased	30.233	29.997	-0.2351
2443	30	LDR Unbiased	29.944	29.719	-0.2249
2444	30	LDR Unbiased	30.145	29.884	-0.2613
3434	50	LDR Biased	30.145	29.573	-0.5717
3435	50	LDR Biased	29.634	29.248	-0.3863
3436	50	LDR Biased	30.017	29.658	-0.3594
3437	50	LDR Biased	29.931	29.541	-0.3897
3438	50	LDR Biased	29.971	29.608	-0.3623
3439	50	LDR Unbiased	30.373	29.905	-0.4689
3440	50	LDR Unbiased	30.17	29.668	-0.5023
3441	50	LDR Unbiased	30.233	29.789	-0.4438
3443	50	LDR Unbiased	29.944	29.601	-0.343
3444	50	LDR Unbiased	30.145	29.688	-0.4572
4434	100	LDR Biased	30.145	30.042	-0.1023
4435	100	LDR Biased	29.634	29.802	0.1678
4436	100	LDR Biased	30.017	30.084	0.0663
4437	100	LDR Biased	29.931	29.983	0.0525
4438	100	LDR Biased	29.971	30.107	0.136
4439	100	LDR Unbiased	30.373	30.509	0.1351
4440	100	LDR Unbiased	30.17	30.178	0.0075
4441	100	LDR Unbiased	30.233	30.317	0.0843
4443	100	LDR Unbiased	29.944	30.097	0.1527
4444	100	LDR Unbiased	30.145	30.243	0.0982
4500	150	LDR Biased	29.687	28.928	-0.7586
4501	150	LDR Biased	30.46	29.709	-0.751
4502	150	LDR Biased	30.22	29.665	-0.5542
4503	150	LDR Biased	29.97	29.446	-0.524
4504	150	LDR Biased	29.652	28.897	-0.7551
4505	150	LDR Unbiased	29.971	29.121	-0.8498
4506	150	LDR Unbiased	30	29.272	-0.7283
4507	150	LDR Unbiased	29.546	28.953	-0.5938
4508	150	LDR Unbiased	30.312	29.308	-1.0044
4509	150	LDR Unbiased	30.285	29.42	-0.8653

Test Statistics (ns)

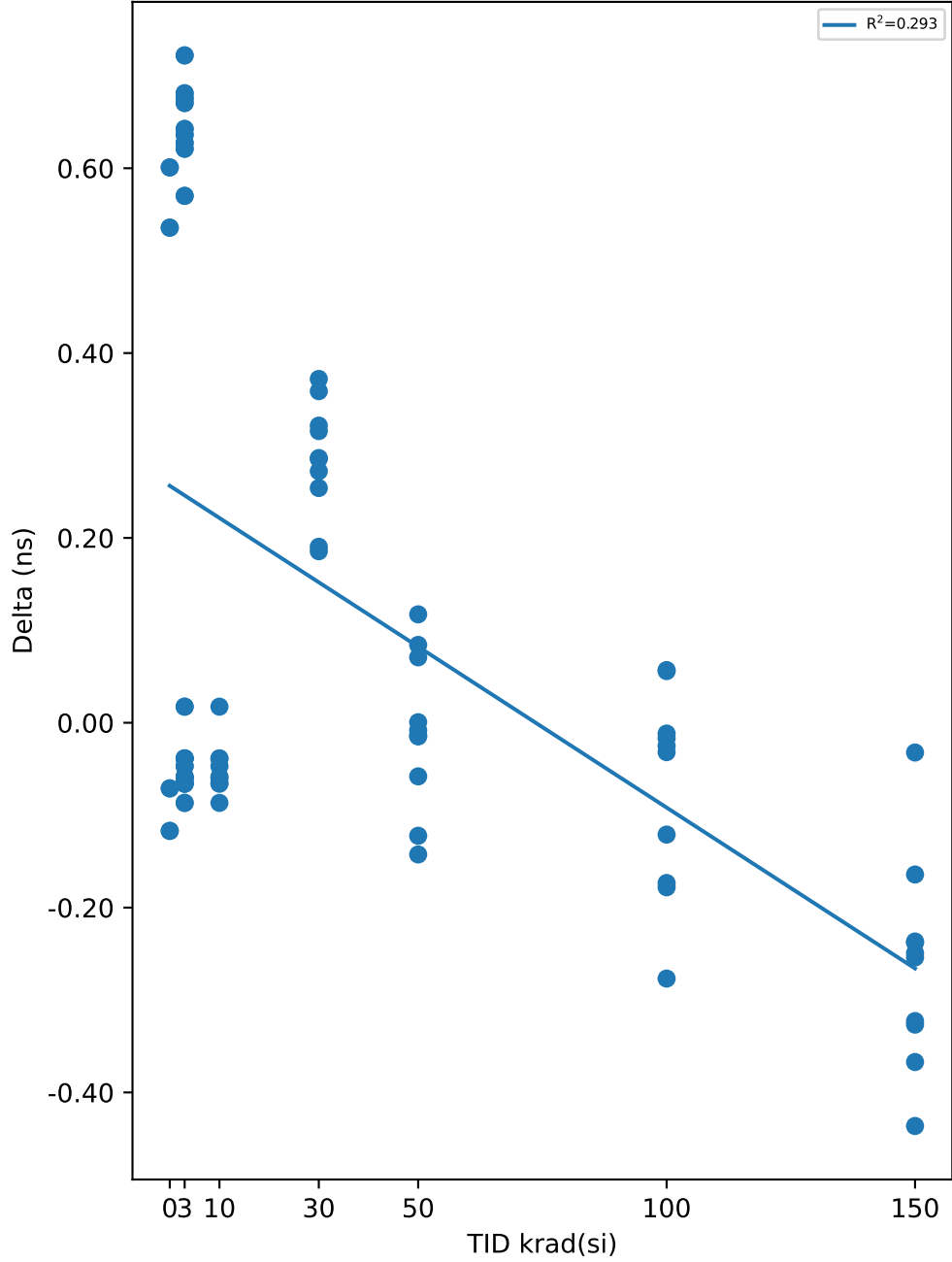
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	29.944	30.088	30.233	0.204	30.513	30.515	30.517	0.0032527	0.2801	0.42665	0.5732	0.20725
3	29.85	30.115	30.346	0.18247	26.381	26.552	26.745	0.13478	-3.6726	-3.5628	-3.4497	0.085403
10	29.85	30.115	30.346	0.18247	29.751	29.991	30.233	0.19452	-0.1918	-0.12431	-0.0744	0.043826
30	29.634	30.056	30.373	0.20435	29.417	29.83	30.168	0.20818	-0.3544	-0.22599	-0.1102	0.061408
50	29.634	30.056	30.373	0.20435	29.248	29.628	29.905	0.1715	-0.5717	-0.42846	-0.343	0.073331
100	29.634	30.056	30.373	0.20435	29.802	30.136	30.509	0.19254	-0.1023	0.07981	0.1678	0.080931
150	29.546	30.01	30.46	0.31001	28.897	29.272	29.709	0.29503	-1.0044	-0.73845	-0.524	0.14945

Device Test: 111.1 Prop Delay HO Off PWM VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 50.0 (ns))

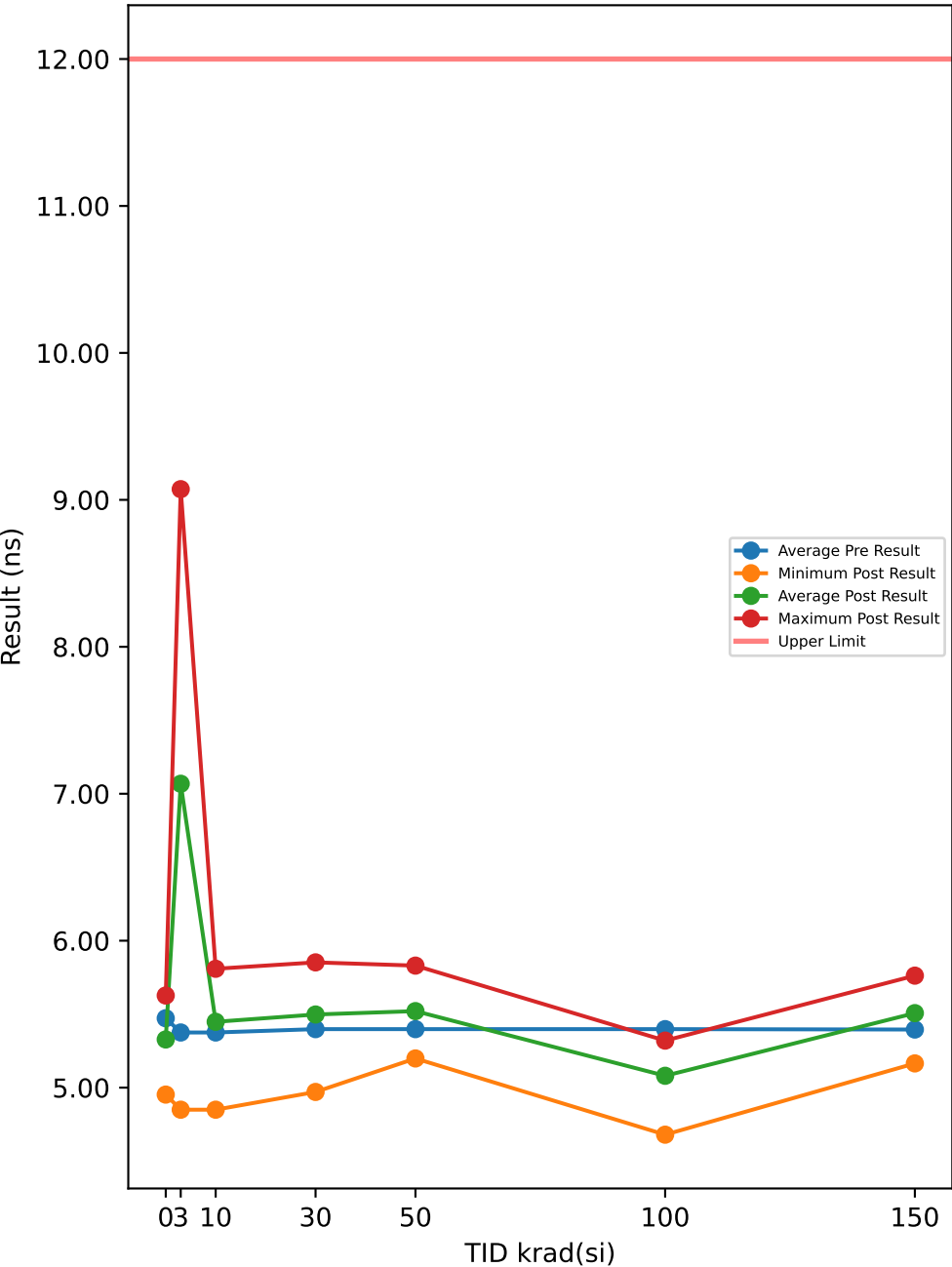
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	33.233	33.162	-0.071
2	0	CORRELATION	32.743	33.344	0.6009
259	3	LDR Biased	33.408	34.051	0.6425
426	3	LDR Biased	33.258	33.939	0.6811
427	3	LDR Biased	32.295	32.966	0.6706
428	3	LDR Biased	32.891	33.518	0.6274
429	3	LDR Unbiased	33.136	33.757	0.6211
430	3	LDR Unbiased	32.92	33.596	0.6756
431	3	LDR Unbiased	32.842	33.478	0.6362
432	3	LDR Unbiased	33.122	33.844	0.7221
433	3	LDR Unbiased	32.999	33.569	0.5701
1259	10	LDR Biased	33.408	33.425	0.0174
1426	10	LDR Biased	33.258	33.193	-0.0652
1427	10	LDR Biased	32.295	32.209	-0.0867
1428	10	LDR Biased	32.891	32.825	-0.066
1429	10	LDR Unbiased	33.136	33.076	-0.0602
1430	10	LDR Unbiased	32.92	32.881	-0.0388
1431	10	LDR Unbiased	32.842	32.795	-0.047
1432	10	LDR Unbiased	33.122	33.084	-0.0385
1433	10	LDR Unbiased	32.999	32.94	-0.0583
2434	30	LDR Biased	33.367	33.726	0.3588
2435	30	LDR Biased	32.323	32.577	0.254
2436	30	LDR Biased	33.369	33.641	0.2722
2437	30	LDR Biased	32.801	32.992	0.1904
2438	30	LDR Biased	32.941	33.126	0.1856
2439	30	LDR Unbiased	33.2	33.516	0.3156
2440	30	LDR Unbiased	32.911	33.198	0.2864
2441	30	LDR Unbiased	33.233	33.519	0.2856
2443	30	LDR Unbiased	32.743	33.115	0.372
2444	30	LDR Unbiased	33.227	33.548	0.3215
3434	50	LDR Biased	33.367	33.225	-0.1425
3435	50	LDR Biased	32.323	32.394	0.0708
3436	50	LDR Biased	33.369	33.361	-0.0082
3437	50	LDR Biased	32.801	32.787	-0.0148
3438	50	LDR Biased	32.941	32.883	-0.058
3439	50	LDR Unbiased	33.2	33.201	0.0006
3440	50	LDR Unbiased	32.911	32.789	-0.1223
3441	50	LDR Unbiased	33.233	33.219	-0.0141
3443	50	LDR Unbiased	32.743	32.828	0.0842
3444	50	LDR Unbiased	33.227	33.344	0.1173
4434	100	LDR Biased	33.367	33.09	-0.2768
4435	100	LDR Biased	32.323	32.298	-0.025
4436	100	LDR Biased	33.369	33.248	-0.121
4437	100	LDR Biased	32.801	32.623	-0.178
4438	100	LDR Biased	32.941	32.767	-0.1734
4439	100	LDR Unbiased	33.2	33.256	0.0559
4440	100	LDR Unbiased	32.911	32.895	-0.0168
4441	100	LDR Unbiased	33.233	33.221	-0.0117
4443	100	LDR Unbiased	32.743	32.8	0.057
4444	100	LDR Unbiased	33.227	33.195	-0.0318
4500	150	LDR Biased	32.88	32.626	-0.254
4501	150	LDR Biased	33.387	32.951	-0.4363
4502	150	LDR Biased	32.92	32.683	-0.2367
4503	150	LDR Biased	32.756	32.592	-0.1642
4504	150	LDR Biased	32.535	32.297	-0.2379
4505	150	LDR Unbiased	33.187	32.82	-0.3671
4506	150	LDR Unbiased	33.053	32.731	-0.3228
4507	150	LDR Unbiased	32.346	32.313	-0.0322
4508	150	LDR Unbiased	33.057	32.808	-0.2492
4509	150	LDR Unbiased	33.088	32.761	-0.3266

Test Statistics (ns)

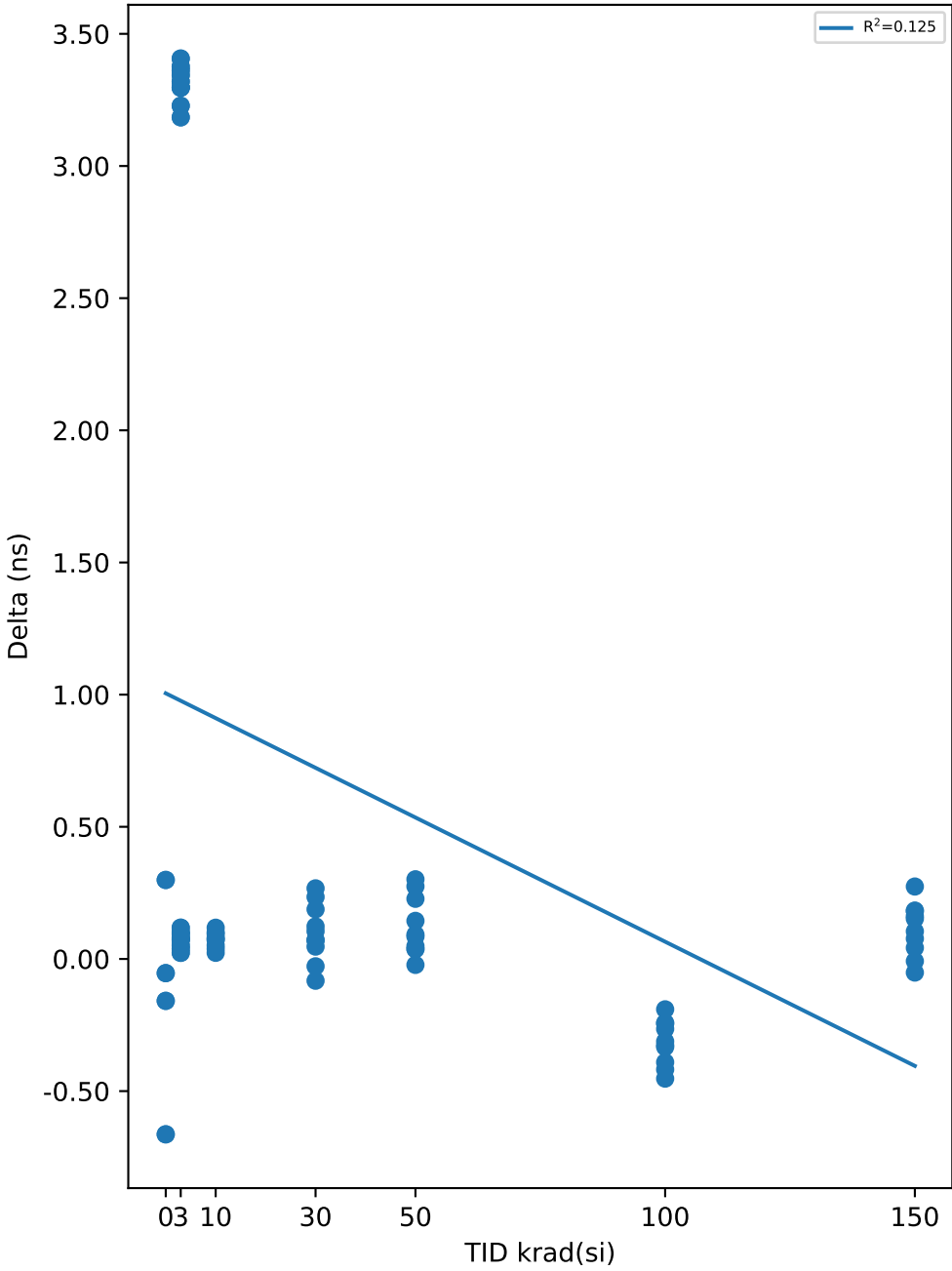
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.743	32.988	33.233	0.34627	33.162	33.253	33.344	0.12883	-0.071	0.26495	0.6009	0.47511
3	32.295	32.986	33.408	0.31704	32.966	33.635	34.051	0.31924	0.5701	0.64963	0.7221	0.043619
10	32.295	32.986	33.408	0.31704	32.209	32.937	33.425	0.33742	-0.0867	-0.049256	0.0174	0.029179
30	32.323	33.012	33.369	0.33176	32.577	33.296	33.726	0.35688	0.1856	0.28421	0.372	0.06257
50	32.323	33.012	33.369	0.33176	32.394	33.003	33.361	0.31416	-0.1425	-0.0087	0.1173	0.084471
100	32.323	33.012	33.369	0.33176	32.298	32.939	33.256	0.32065	-0.2768	-0.07216	0.057	0.11024
150	32.346	32.921	33.387	0.30927	32.297	32.658	32.951	0.21222	-0.4363	-0.2627	-0.0322	0.11211

Device Test: 111.10 Delay Match LO On HO Off IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

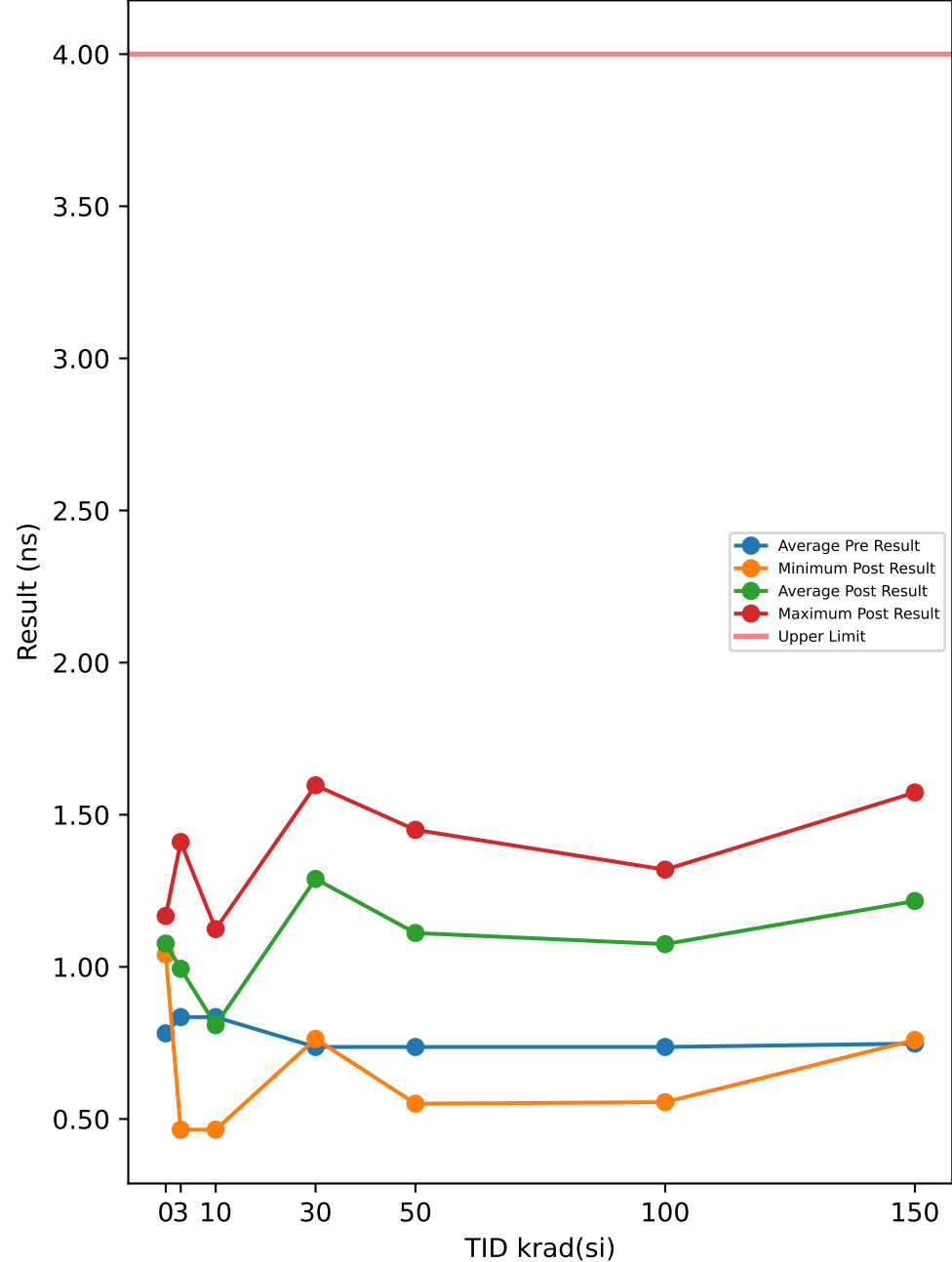
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.6162	4.9527	-0.6635
2	0	CORRELATION	5.3281	5.1696	-0.1585
259	3	LDR Biased	5.6663	9.0727	3.4064
426	3	LDR Biased	5.468	8.7877	3.3197
427	3	LDR Biased	4.7487	8.125	3.3763
428	3	LDR Biased	5.4357	8.7333	3.2976
429	3	LDR Unbiased	5.7339	8.9182	3.1843
430	3	LDR Unbiased	5.2681	8.496	3.2279
431	3	LDR Unbiased	5.0867	8.4483	3.3616
432	3	LDR Unbiased	5.6765	8.9726	3.2961
433	3	LDR Unbiased	5.2942	8.6377	3.3435
1259	10	LDR Biased	5.6663	5.7606	0.0943
1426	10	LDR Biased	5.468	5.5195	0.0515
1427	10	LDR Biased	4.7487	4.8499	0.1012
1428	10	LDR Biased	5.4357	5.474	0.0383
1429	10	LDR Unbiased	5.7339	5.8089	0.075
1430	10	LDR Unbiased	5.2681	5.3397	0.0716
1431	10	LDR Unbiased	5.0867	5.2049	0.1182
1432	10	LDR Unbiased	5.6765	5.7571	0.0806
1433	10	LDR Unbiased	5.2942	5.3174	0.0232
2434	30	LDR Biased	5.5853	5.8524	0.2671
2435	30	LDR Biased	4.924	4.9707	0.0467
2436	30	LDR Biased	5.7383	5.811	0.0727
2437	30	LDR Biased	5.2806	5.1982	-0.0824
2438	30	LDR Biased	5.4519	5.4241	-0.0278
2439	30	LDR Unbiased	5.3868	5.51	0.1232
2440	30	LDR Unbiased	5.1863	5.3741	0.1878
2441	30	LDR Unbiased	5.6162	5.7212	0.105
2443	30	LDR Unbiased	5.3281	5.3975	0.0694
2444	30	LDR Unbiased	5.4841	5.7186	0.2345
3434	50	LDR Biased	5.5853	5.7294	0.1441
3435	50	LDR Biased	4.924	5.1986	0.2746
3436	50	LDR Biased	5.7383	5.8304	0.0921
3437	50	LDR Biased	5.2806	5.3191	0.0385
3438	50	LDR Biased	5.4519	5.4294	-0.0225
3439	50	LDR Unbiased	5.3868	5.4237	0.0369
3440	50	LDR Unbiased	5.1863	5.2711	0.0848
3441	50	LDR Unbiased	5.6162	5.6648	0.0486
3443	50	LDR Unbiased	5.3281	5.5557	0.2276
3444	50	LDR Unbiased	5.4841	5.7855	0.3014
4434	100	LDR Biased	5.5853	5.2523	-0.333
4435	100	LDR Biased	4.924	4.6799	-0.2441
4436	100	LDR Biased	5.7383	5.32	-0.4183
4437	100	LDR Biased	5.2806	4.8279	-0.4527
4438	100	LDR Biased	5.4519	5.061	-0.3909
4439	100	LDR Unbiased	5.3868	5.1449	-0.2419
4440	100	LDR Unbiased	5.1863	4.9957	-0.1906
4441	100	LDR Unbiased	5.6162	5.3042	-0.312
4443	100	LDR Unbiased	5.3281	5.0634	-0.2647
4444	100	LDR Unbiased	5.4841	5.1573	-0.3268
4500	150	LDR Biased	5.6008	5.7622	0.1614
4501	150	LDR Biased	5.5661	5.6706	0.1045
4502	150	LDR Biased	5.2164	5.1649	-0.0515
4503	150	LDR Biased	5.2769	5.3191	0.0422
4504	150	LDR Biased	5.1822	5.3631	0.1809
4505	150	LDR Unbiased	5.5933	5.585	-0.0083
4506	150	LDR Unbiased	5.4919	5.5689	0.077
4507	150	LDR Unbiased	5.1855	5.3686	0.1831
4508	150	LDR Unbiased	5.4527	5.7267	0.274
4509	150	LDR Unbiased	5.389	5.5412	0.1522

Test Statistics (ns)

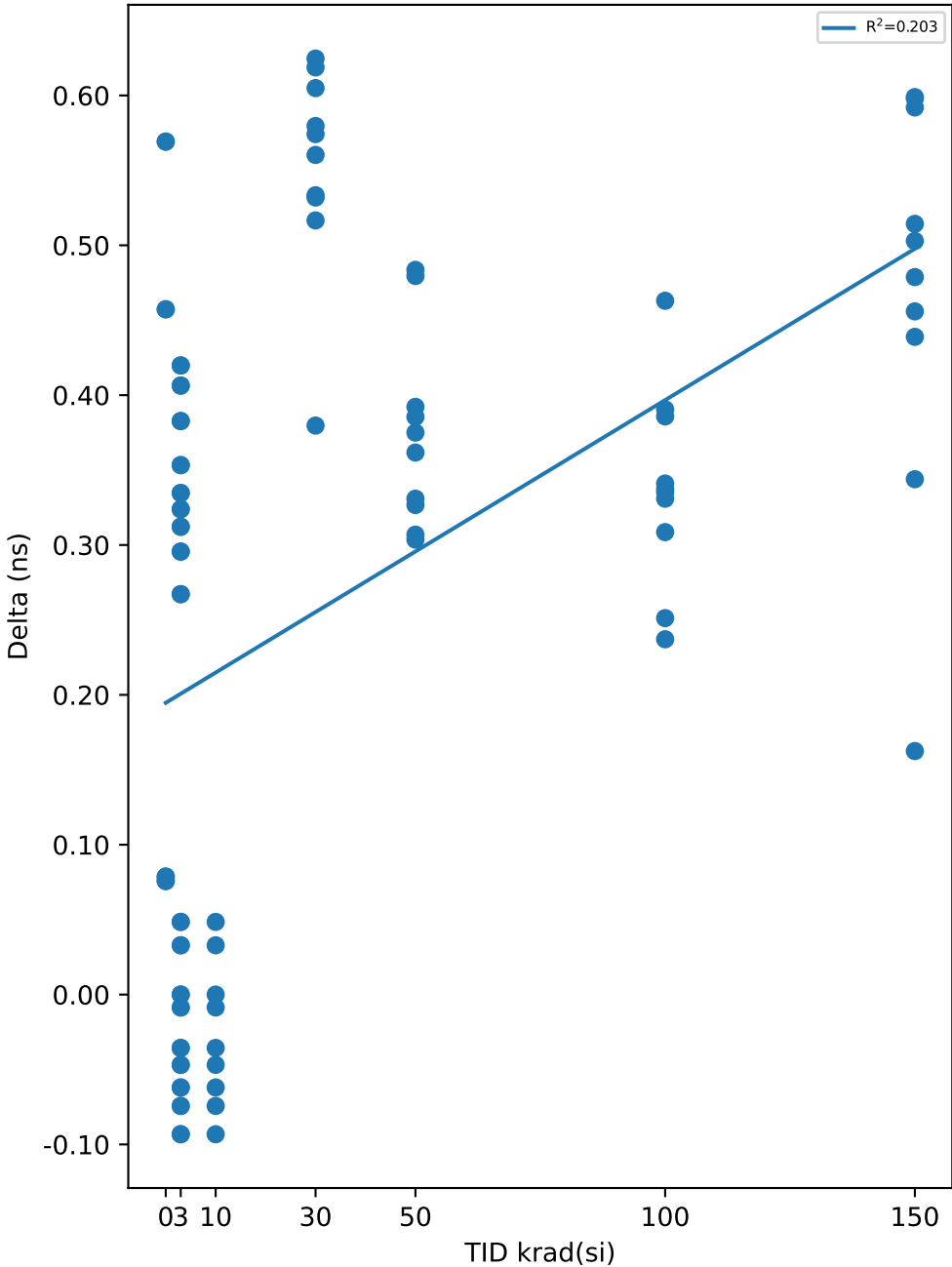
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.3281	5.4722	5.6162	0.20372	4.9527	5.0611	5.1696	0.15337	-0.6635	-0.411	-0.1585	0.35709
3	4.7487	5.3753	5.7339	0.31824	8.125	8.6879	9.0727	0.29745	3.1843	3.3126	3.4064	0.071059
10	4.7487	5.3753	5.7339	0.31824	4.8499	5.448	5.8089	0.31123	0.0232	0.072656	0.1182	0.030621
30	4.924	5.3982	5.7383	0.23502	4.9707	5.4978	5.8524	0.28305	-0.0824	0.09962	0.2671	0.10975
50	4.924	5.3982	5.7383	0.23502	5.1986	5.5208	5.8304	0.2251	-0.0225	0.12261	0.3014	0.11049
100	4.924	5.3982	5.7383	0.23502	4.6799	5.0807	5.32	0.20524	-0.4527	-0.3175	-0.1906	0.084445
150	5.1822	5.3955	5.6008	0.16955	5.1649	5.507	5.7622	0.19535	-0.0515	0.11155	0.274	0.098578

Device Test: 111.11 Delay Match LO Off HO On IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



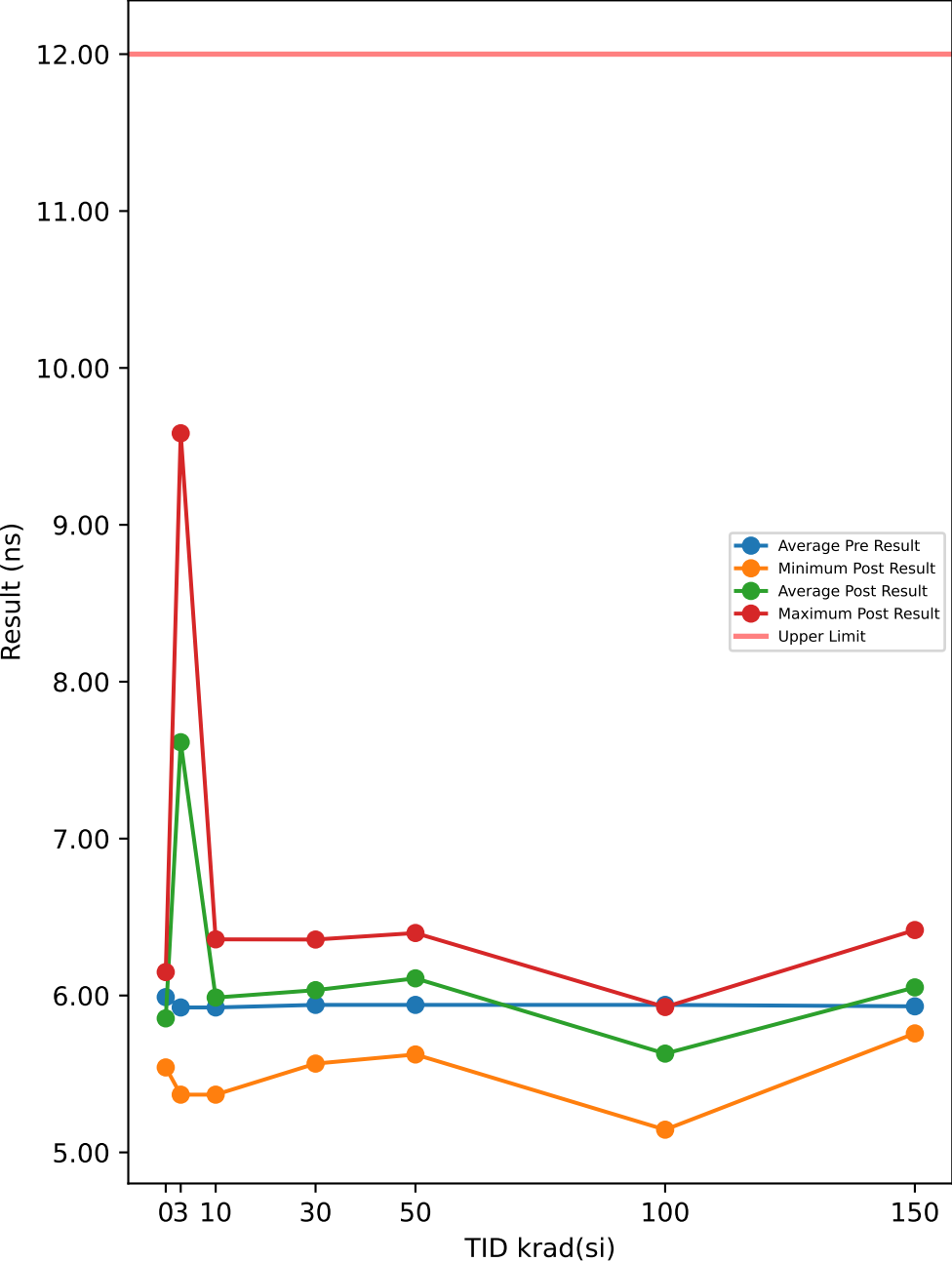
Test Results (Upper Limit = 4.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9648	1.0435	0.0787
2	0	CORRELATION	0.598	1.0553	0.4573
259	3	LDR Biased	1.0435	1.3557	0.3122
426	3	LDR Biased	0.7132	1.1196	0.4064
427	3	LDR Biased	1.0211	1.3167	0.2956
428	3	LDR Biased	0.7213	1.104	0.3827
429	3	LDR Unbiased	0.7075	1.1273	0.4198
430	3	LDR Unbiased	0.8463	1.1996	0.3533
431	3	LDR Unbiased	0.8465	1.1704	0.3239
432	3	LDR Unbiased	0.5391	0.8063	0.2672
433	3	LDR Unbiased	1.0756	1.4103	0.3347
1259	10	LDR Biased	1.0435	0.9503	-0.0932
1426	10	LDR Biased	0.7132	0.7132	0
1427	10	LDR Biased	1.0211	0.9855	-0.0356
1428	10	LDR Biased	0.7213	0.7542	0.0329
1429	10	LDR Unbiased	0.7075	0.6606	-0.0469
1430	10	LDR Unbiased	0.8463	0.8377	-0.0086
1431	10	LDR Unbiased	0.8465	0.7845	-0.062
1432	10	LDR Unbiased	0.5391	0.4648	-0.0743
1433	10	LDR Unbiased	1.0756	1.1241	0.0485
2434	30	LDR Biased	0.4261	1.0057	0.5796
2435	30	LDR Biased	0.911	1.4852	0.5742
2436	30	LDR Biased	0.2467	0.7633	0.5166
2437	30	LDR Biased	0.929	1.5536	0.6246
2438	30	LDR Biased	0.8549	1.4736	0.6187
2439	30	LDR Unbiased	0.8581	1.2378	0.3797
2440	30	LDR Unbiased	1.0648	1.5967	0.5319
2441	30	LDR Unbiased	0.9648	1.5251	0.5603
2443	30	LDR Unbiased	0.598	1.1314	0.5334
2444	30	LDR Unbiased	0.5136	1.1185	0.6049
3434	50	LDR Biased	0.4261	0.733	0.3069
3435	50	LDR Biased	0.911	1.3032	0.3922
3436	50	LDR Biased	0.2467	0.5503	0.3036
3437	50	LDR Biased	0.929	1.2599	0.3309
3438	50	LDR Biased	0.8549	1.3385	0.4836
3439	50	LDR Unbiased	0.8581	1.2198	0.3617
3440	50	LDR Unbiased	1.0648	1.4503	0.3855
3441	50	LDR Unbiased	0.9648	1.4443	0.4795
3443	50	LDR Unbiased	0.598	0.973	0.375
3444	50	LDR Unbiased	0.5136	0.8403	0.3267
4434	100	LDR Biased	0.4261	0.7671	0.341
4435	100	LDR Biased	0.911	1.2485	0.3375
4436	100	LDR Biased	0.2467	0.5553	0.3086
4437	100	LDR Biased	0.929	1.3195	0.3905
4438	100	LDR Biased	0.8549	1.3179	0.463
4439	100	LDR Unbiased	0.8581	1.2439	0.3858
4440	100	LDR Unbiased	1.0648	1.316	0.2512
4441	100	LDR Unbiased	0.9648	1.3	0.3352
4443	100	LDR Unbiased	0.598	0.8351	0.2371
4444	100	LDR Unbiased	0.5136	0.8445	0.3309
4500	150	LDR Biased	0.3037	0.7596	0.4559
4501	150	LDR Biased	0.9752	1.5731	0.5979
4502	150	LDR Biased	0.8756	1.3785	0.5029
4503	150	LDR Biased	0.8283	1.3426	0.5143
4504	150	LDR Biased	0.6221	1.221	0.5989
4505	150	LDR Unbiased	0.4234	1.0154	0.592
4506	150	LDR Unbiased	0.5862	1.065	0.4788
4507	150	LDR Unbiased	0.7896	1.2285	0.4389
4508	150	LDR Unbiased	1.1682	1.3307	0.1625
4509	150	LDR Unbiased	0.9051	1.249	0.3439

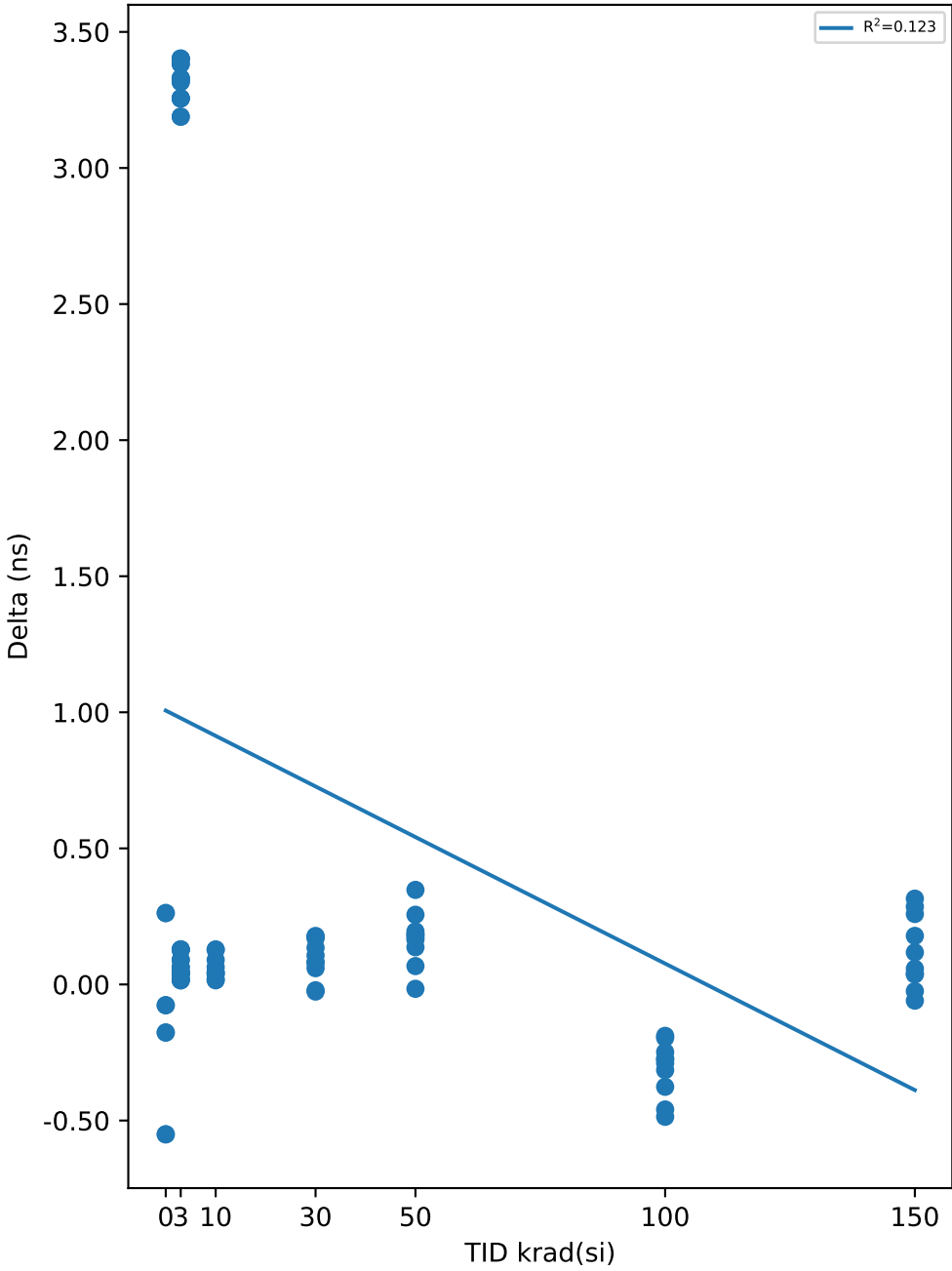
Test Statistics (ns)

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	0.598	0.7814	0.9648	0.25937	1.0435	1.0494	1.0553	0.0083439	0.0787	0.268	0.4573	0.26771
3	0.5391	0.8349	1.0756	0.18297	0.8063	1.1789	1.4103	0.17851	0.2672	0.34398	0.4198	0.051193
10	0.5391	0.8349	1.0756	0.18297	0.4648	0.80832	1.1241	0.1951	-0.0932	-0.026578	0.0485	0.048307
30	0.2467	0.7367	1.0648	0.27107	0.7633	1.2891	1.5967	0.28011	0.3797	0.55239	0.6246	0.071126
50	0.2467	0.7367	1.0648	0.27107	0.5503	1.1113	1.4503	0.31597	0.3036	0.37456	0.4836	0.064385
100	0.2467	0.7367	1.0648	0.27107	0.5553	1.0748	1.3195	0.29092	0.2371	0.33808	0.463	0.066092
150	0.3037	0.74774	1.1682	0.26292	0.7596	1.2163	1.5731	0.22502	0.1625	0.4686	0.5989	0.13441

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

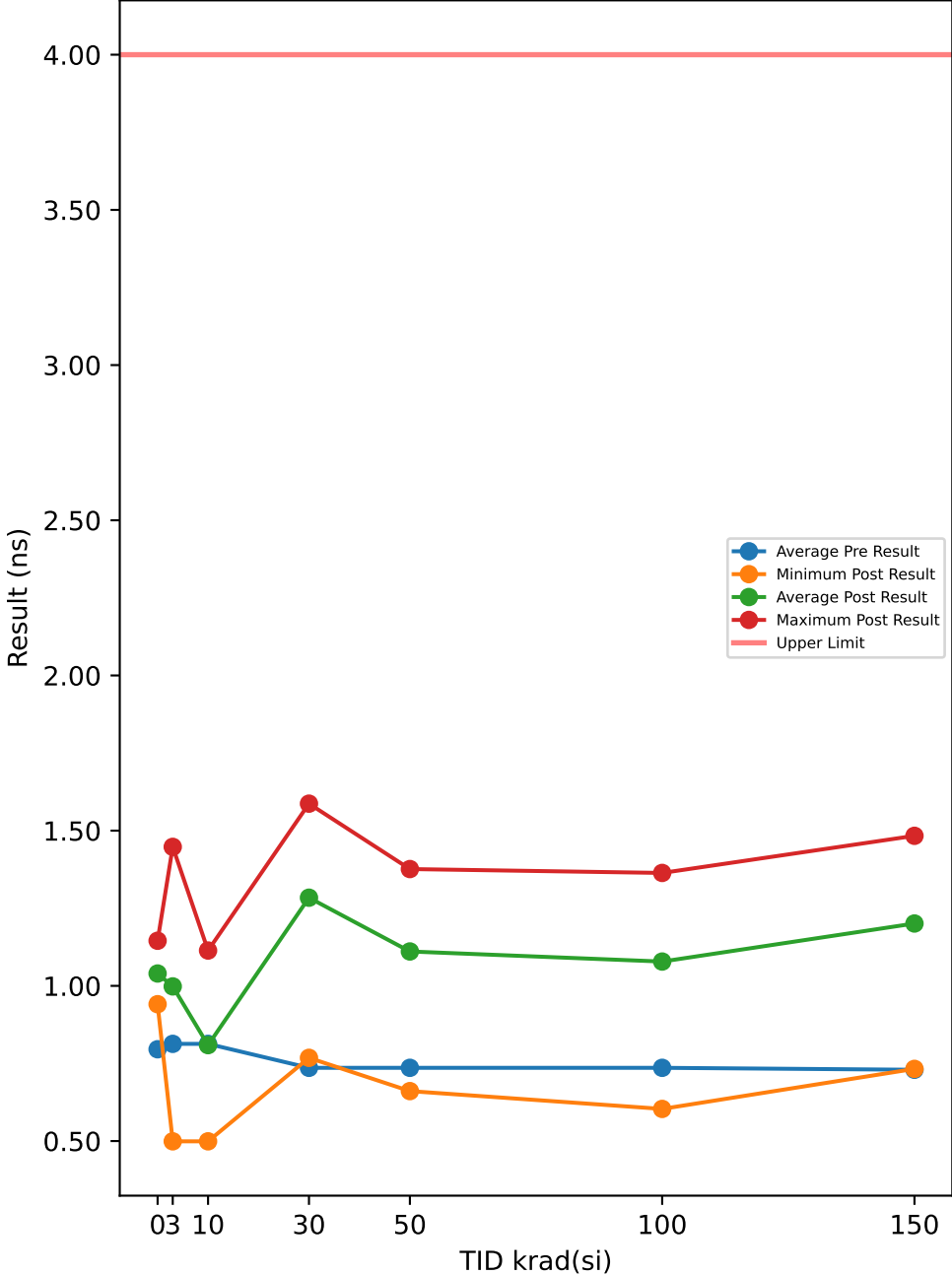
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.0922	5.5415	-0.5507
2	0	CORRELATION	5.887	5.7103	-0.1767
259	3	LDR Biased	6.1822	9.5834	3.4012
426	3	LDR Biased	5.9925	9.3749	3.3824
427	3	LDR Biased	5.3045	8.6341	3.3296
428	3	LDR Biased	5.9503	9.2664	3.3161
429	3	LDR Unbiased	6.2676	9.523	3.2554
430	3	LDR Unbiased	5.859	9.1153	3.2563
431	3	LDR Unbiased	5.6308	9.0328	3.402
432	3	LDR Unbiased	6.2759	9.4644	3.1885
433	3	LDR Unbiased	5.8508	9.1799	3.3291
1259	10	LDR Biased	6.1822	6.3096	0.1274
1426	10	LDR Biased	5.9925	6.0115	0.019
1427	10	LDR Biased	5.3045	5.368	0.0635
1428	10	LDR Biased	5.9503	5.9947	0.0444
1429	10	LDR Unbiased	6.2676	6.3579	0.0903
1430	10	LDR Unbiased	5.859	5.8962	0.0372
1431	10	LDR Unbiased	5.6308	5.7595	0.1287
1432	10	LDR Unbiased	6.2759	6.2911	0.0152
1433	10	LDR Unbiased	5.8508	5.8935	0.0427
2434	30	LDR Biased	6.1814	6.3567	0.1753
2435	30	LDR Biased	5.4593	5.5659	0.1066
2436	30	LDR Biased	6.2152	6.3503	0.1351
2437	30	LDR Biased	5.8392	5.8179	-0.0213
2438	30	LDR Biased	6.0319	6.0058	-0.0261
2439	30	LDR Unbiased	5.9023	6.0805	0.1782
2440	30	LDR Unbiased	5.7741	5.8531	0.079
2441	30	LDR Unbiased	6.0922	6.152	0.0598
2443	30	LDR Unbiased	5.887	5.9699	0.0829
2444	30	LDR Unbiased	6.0187	6.1882	0.1695
3434	50	LDR Biased	6.1814	6.3654	0.184
3435	50	LDR Biased	5.4593	5.6241	0.1648
3436	50	LDR Biased	6.2152	6.3983	0.1831
3437	50	LDR Biased	5.8392	6.0124	0.1732
3438	50	LDR Biased	6.0319	6.0159	-0.016
3439	50	LDR Unbiased	5.9023	6.0974	0.1951
3440	50	LDR Unbiased	5.7741	5.8416	0.0675
3441	50	LDR Unbiased	6.0922	6.3483	0.2561
3443	50	LDR Unbiased	5.887	6.0237	0.1367
3444	50	LDR Unbiased	6.0187	6.3662	0.3475
4434	100	LDR Biased	6.1814	5.8053	-0.3761
4435	100	LDR Biased	5.4593	5.1447	-0.3146
4436	100	LDR Biased	6.2152	5.9265	-0.2887
4437	100	LDR Biased	5.8392	5.3798	-0.4594
4438	100	LDR Biased	6.0319	5.5456	-0.4863
4439	100	LDR Unbiased	5.9023	5.6282	-0.2741
4440	100	LDR Unbiased	5.7741	5.5852	-0.1889
4441	100	LDR Unbiased	6.0922	5.8962	-0.196
4443	100	LDR Unbiased	5.887	5.6385	-0.2485
4444	100	LDR Unbiased	6.0187	5.7455	-0.2732
4500	150	LDR Biased	6.1584	6.4173	0.2589
4501	150	LDR Biased	6.1472	6.0877	-0.0595
4502	150	LDR Biased	5.7189	5.7584	0.0395
4503	150	LDR Biased	5.7939	5.9116	0.1177
4504	150	LDR Biased	5.7637	5.8006	0.0369
4505	150	LDR Unbiased	6.1264	6.1841	0.0577
4506	150	LDR Unbiased	5.9893	5.9647	-0.0246
4507	150	LDR Unbiased	5.6913	5.9771	0.2858
4508	150	LDR Unbiased	5.9996	6.3148	0.3152
4509	150	LDR Unbiased	5.921	6.0994	0.1784

Test Statistics (ns)

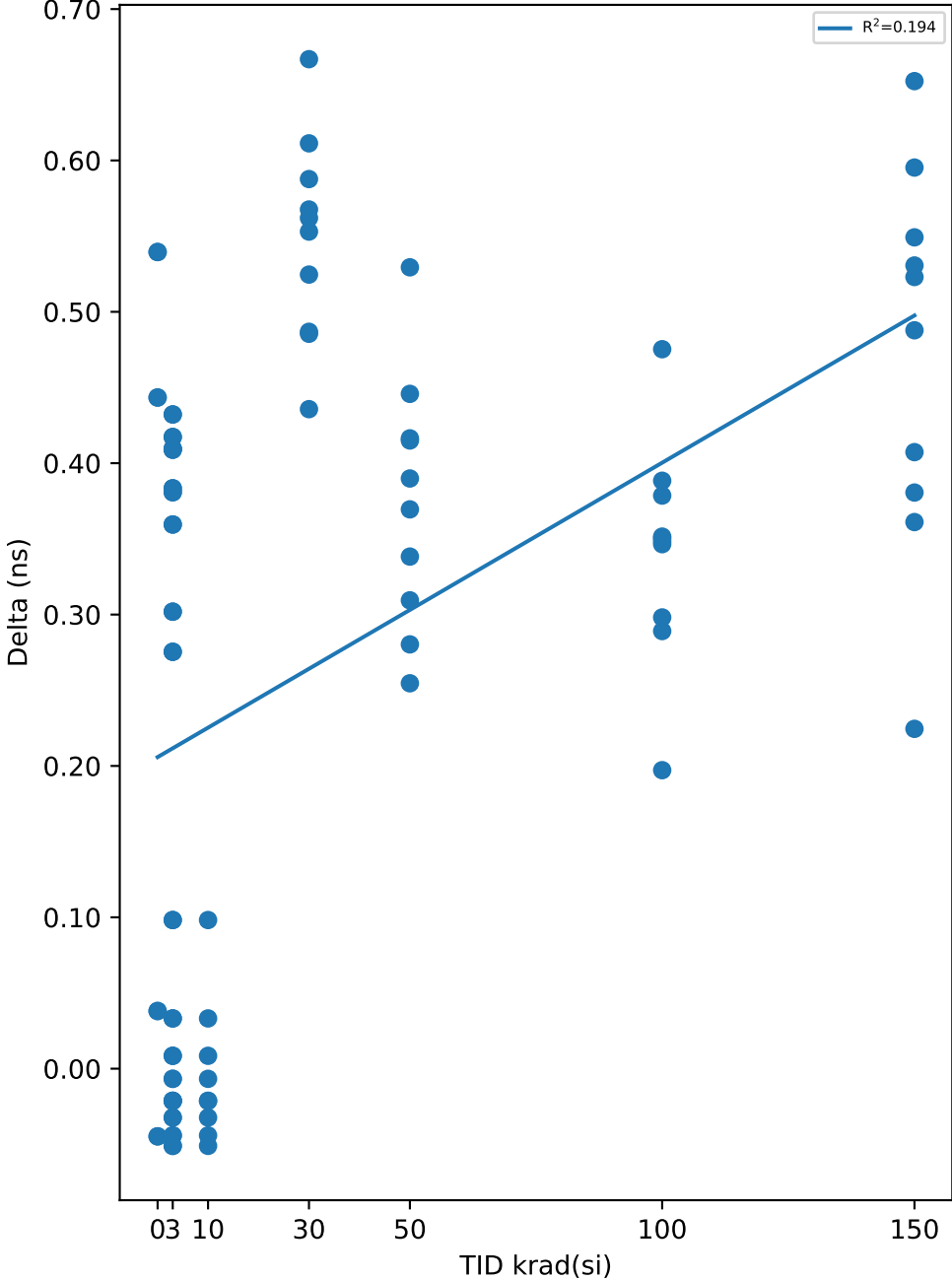
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.887	5.9896	6.0922	0.1451	5.5415	5.6259	5.7103	0.11936	-0.5507	-0.3637	-0.1767	0.26446
3	5.3045	5.9237	6.2759	0.3149	8.6341	9.2416	9.5834	0.29505	3.1885	3.3178	3.402	0.073214
10	5.3045	5.9237	6.2759	0.3149	5.368	5.9869	6.3579	0.31358	0.0152	0.063156	0.1287	0.04309
30	5.4593	5.9401	6.2152	0.22231	5.5659	6.034	6.3567	0.24664	-0.0261	0.0939	0.1782	0.074895
50	5.4593	5.9401	6.2152	0.22231	5.6241	6.1093	6.3983	0.25925	-0.016	0.1692	0.3475	0.097843
100	5.4593	5.9401	6.2152	0.22231	5.1447	5.6296	5.9265	0.23809	-0.4863	-0.31058	-0.1889	0.10129
150	5.6913	5.931	6.1584	0.18076	5.7584	6.0516	6.4173	0.21235	-0.0595	0.1206	0.3152	0.13279

Device Test: 111.13 Delay Match LO Off HO On IIM Interlock Disable VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 4.0 (ns))

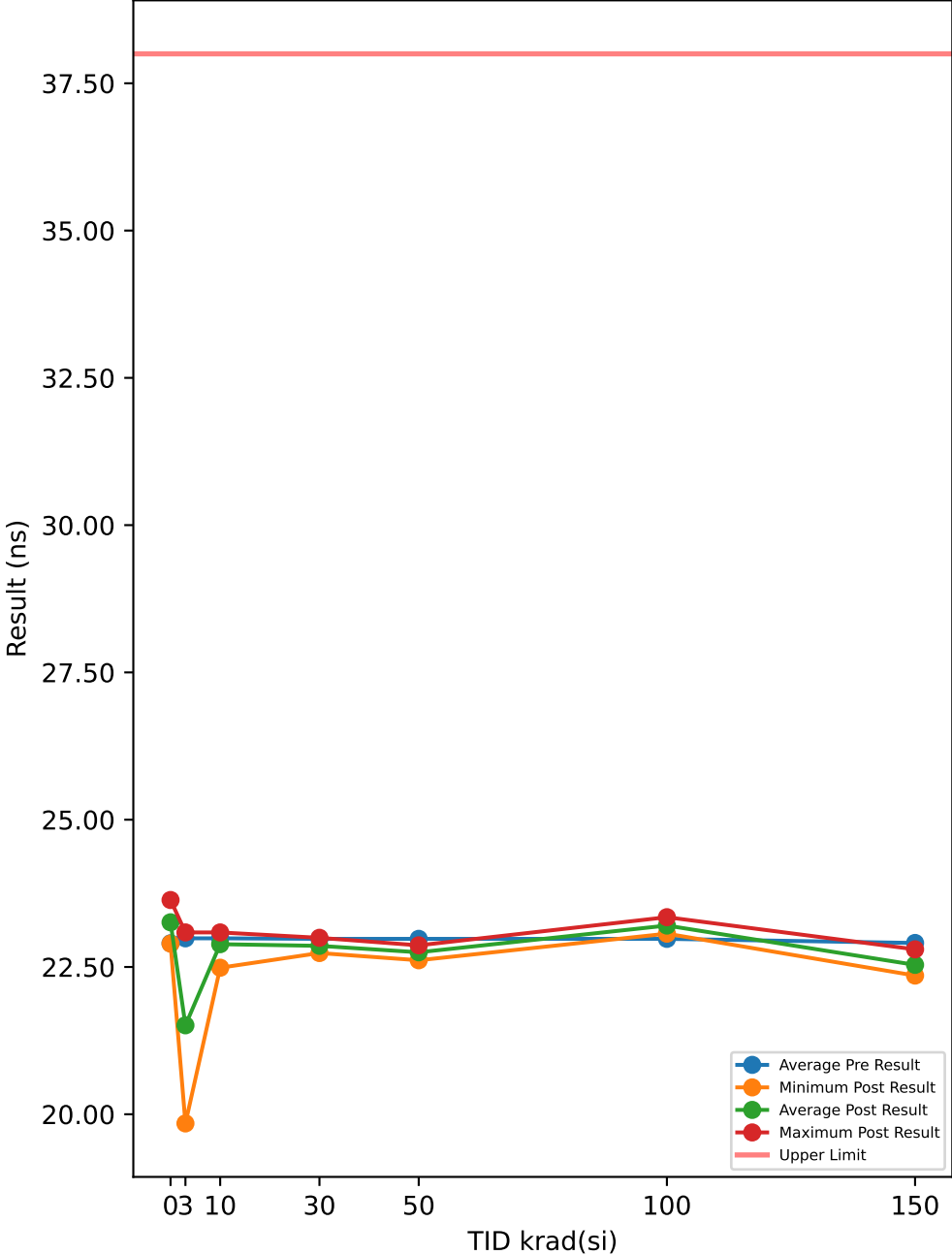
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9856	0.9409	-0.0447
2	0	CORRELATION	0.6058	1.0492	0.4434
259	3	LDR Biased	1.0124	1.3958	0.3834
426	3	LDR Biased	0.7213	1.0232	0.3019
427	3	LDR Biased	1.023	1.2984	0.2754
428	3	LDR Biased	0.7089	1.1178	0.4089
429	3	LDR Unbiased	0.6973	1.0781	0.3808
430	3	LDR Unbiased	0.8106	1.2279	0.4173
431	3	LDR Unbiased	0.8087	1.1682	0.3595
432	3	LDR Unbiased	0.5203	0.9299	0.4096
433	3	LDR Unbiased	1.0156	1.4478	0.4322
1259	10	LDR Biased	1.0124	0.9683	-0.0441
1426	10	LDR Biased	0.7213	0.7545	0.0332
1427	10	LDR Biased	1.023	0.9907	-0.0323
1428	10	LDR Biased	0.7089	0.7022	-0.0067
1429	10	LDR Unbiased	0.6973	0.676	-0.0213
1430	10	LDR Unbiased	0.8106	0.8191	0.0085
1431	10	LDR Unbiased	0.8087	0.7577	-0.051
1432	10	LDR Unbiased	0.5203	0.4991	-0.0212
1433	10	LDR Unbiased	1.0156	1.1138	0.0982
2434	30	LDR Biased	0.4206	0.9061	0.4855
2435	30	LDR Biased	0.9035	1.4912	0.5877
2436	30	LDR Biased	0.2151	0.7681	0.553
2437	30	LDR Biased	0.9201	1.587	0.6669
2438	30	LDR Biased	0.8885	1.4998	0.6113
2439	30	LDR Unbiased	0.8442	1.4118	0.5676
2440	30	LDR Unbiased	1.0669	1.5026	0.4357
2441	30	LDR Unbiased	0.9856	1.5102	0.5246
2443	30	LDR Unbiased	0.6058	1.1678	0.562
2444	30	LDR Unbiased	0.5089	0.9957	0.4868
3434	50	LDR Biased	0.4206	0.6752	0.2546
3435	50	LDR Biased	0.9035	1.3199	0.4164
3436	50	LDR Biased	0.2151	0.6609	0.4458
3437	50	LDR Biased	0.9201	1.2896	0.3695
3438	50	LDR Biased	0.8885	1.3035	0.415
3439	50	LDR Unbiased	0.8442	1.3736	0.5294
3440	50	LDR Unbiased	1.0669	1.3763	0.3094
3441	50	LDR Unbiased	0.9856	1.3755	0.3899
3443	50	LDR Unbiased	0.6058	0.8861	0.2803
3444	50	LDR Unbiased	0.5089	0.8472	0.3383
4434	100	LDR Biased	0.4206	0.7671	0.3465
4435	100	LDR Biased	0.9035	1.255	0.3515
4436	100	LDR Biased	0.2151	0.6035	0.3884
4437	100	LDR Biased	0.9201	1.2987	0.3786
4438	100	LDR Biased	0.8885	1.3638	0.4753
4439	100	LDR Unbiased	0.8442	1.1946	0.3504
4440	100	LDR Unbiased	1.0669	1.2641	0.1972
4441	100	LDR Unbiased	0.9856	1.2837	0.2981
4443	100	LDR Unbiased	0.6058	0.8949	0.2891
4444	100	LDR Unbiased	0.5089	0.8573	0.3484
4500	150	LDR Biased	0.2447	0.7325	0.4878
4501	150	LDR Biased	0.9604	1.4834	0.523
4502	150	LDR Biased	0.8406	1.4359	0.5953
4503	150	LDR Biased	0.778	1.4304	0.6524
4504	150	LDR Biased	0.5655	0.9728	0.4073
4505	150	LDR Unbiased	0.4253	0.9745	0.5492
4506	150	LDR Unbiased	0.604	1.1346	0.5306
4507	150	LDR Unbiased	0.8186	1.1797	0.3611
4508	150	LDR Unbiased	1.1703	1.3948	0.2245
4509	150	LDR Unbiased	0.8895	1.2701	0.3806

Test Statistics (ns)

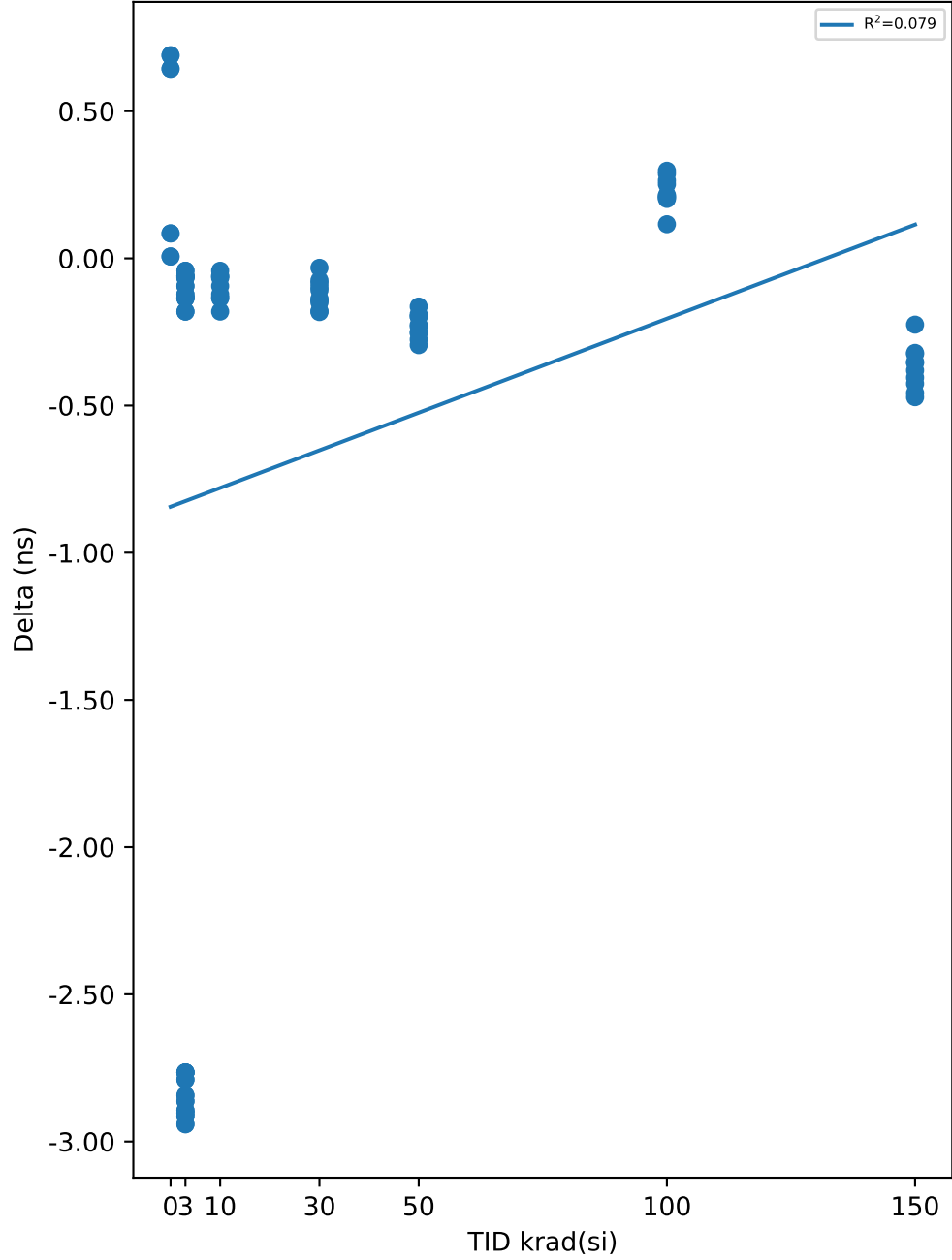
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6058	0.7957	0.9856	0.26856	0.9409	0.99505	1.0492	0.07658	-0.0447	0.19935	0.4434	0.34514
3	0.5203	0.81312	1.023	0.17437	0.9299	1.1875	1.4478	0.17162	0.2754	0.37433	0.4322	0.053633
10	0.5203	0.81312	1.023	0.17437	0.4991	0.80904	1.1138	0.18779	-0.051	-0.0040778	0.0982	0.046375
30	0.2151	0.73592	1.0669	0.28049	0.7681	1.284	1.587	0.29855	0.4357	0.54811	0.6669	0.067607
50	0.2151	0.73592	1.0669	0.28049	0.6609	1.1108	1.3763	0.30452	0.2546	0.37486	0.5294	0.082686
100	0.2151	0.73592	1.0669	0.28049	0.6035	1.0783	1.3638	0.27004	0.1972	0.34235	0.4753	0.072399
150	0.2447	0.72969	1.1703	0.27204	0.7325	1.2009	1.4834	0.24891	0.2245	0.47118	0.6524	0.1274

Device Test: 111.2 Prop Delay LO On IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 38.0 (ns))

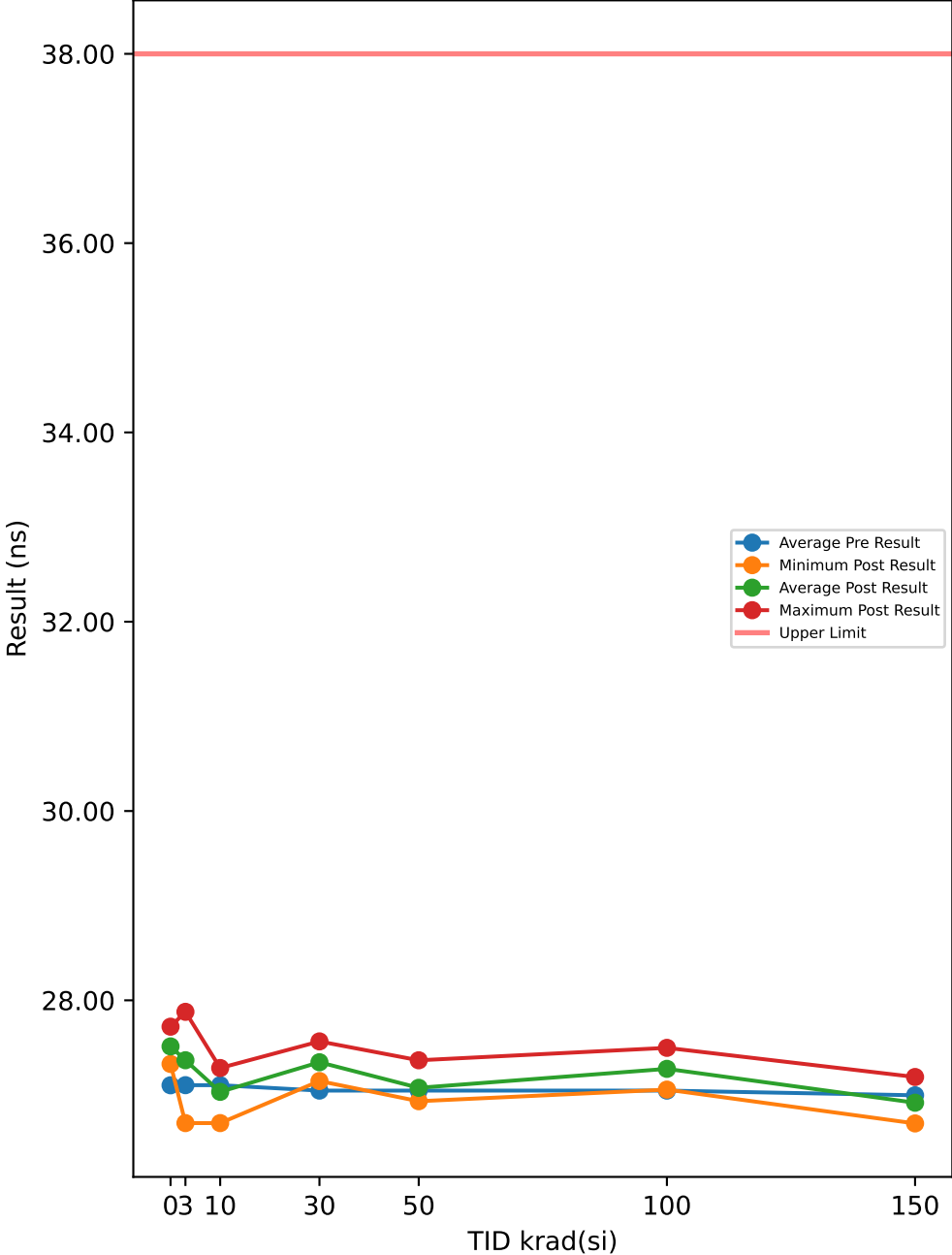
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	22.992	23.637	0.6443
2	0	CORRELATION	22.812	23.501	0.6898
259	3	LDR Biased	23.128	20.226	-2.9029
426	3	LDR Biased	23.002	20.158	-2.8435
427	3	LDR Biased	23.021	20.127	-2.894
428	3	LDR Biased	22.902	20.039	-2.8631
429	3	LDR Unbiased	22.61	19.844	-2.7652
430	3	LDR Unbiased	23.013	20.248	-2.7652
431	3	LDR Unbiased	23.138	20.224	-2.9141
432	3	LDR Unbiased	22.991	20.201	-2.7894
433	3	LDR Unbiased	23.073	20.131	-2.9413
1259	10	LDR Biased	23.128	23.087	-0.042
1426	10	LDR Biased	23.002	22.907	-0.0941
1427	10	LDR Biased	23.021	22.84	-0.1808
1428	10	LDR Biased	22.902	22.835	-0.0663
1429	10	LDR Unbiased	22.61	22.487	-0.1224
1430	10	LDR Unbiased	23.013	22.952	-0.0609
1431	10	LDR Unbiased	23.138	23.003	-0.1355
1432	10	LDR Unbiased	22.991	22.858	-0.1332
1433	10	LDR Unbiased	23.073	23.013	-0.0597
2434	30	LDR Biased	22.95	22.767	-0.1824
2435	30	LDR Biased	22.971	22.887	-0.0842
2436	30	LDR Biased	23.078	22.899	-0.1788
2437	30	LDR Biased	22.943	22.911	-0.032
2438	30	LDR Biased	22.998	22.86	-0.1373
2439	30	LDR Unbiased	23.093	22.995	-0.0981
2440	30	LDR Unbiased	22.893	22.75	-0.1426
2441	30	LDR Unbiased	22.992	22.884	-0.108
2443	30	LDR Unbiased	22.812	22.737	-0.0748
2444	30	LDR Unbiased	23.045	22.895	-0.1497
3434	50	LDR Biased	22.95	22.696	-0.254
3435	50	LDR Biased	22.971	22.676	-0.2947
3436	50	LDR Biased	23.078	22.828	-0.2507
3437	50	LDR Biased	22.943	22.753	-0.1902
3438	50	LDR Biased	22.998	22.8	-0.1976
3439	50	LDR Unbiased	23.093	22.867	-0.226
3440	50	LDR Unbiased	22.893	22.661	-0.2312
3441	50	LDR Unbiased	22.992	22.829	-0.1637
3443	50	LDR Unbiased	22.812	22.614	-0.1976
3444	50	LDR Unbiased	23.045	22.769	-0.2755
4434	100	LDR Biased	22.95	23.066	0.116
4435	100	LDR Biased	22.971	23.176	0.2049
4436	100	LDR Biased	23.078	23.293	0.2147
4437	100	LDR Biased	22.943	23.151	0.208
4438	100	LDR Biased	22.998	23.21	0.2124
4439	100	LDR Unbiased	23.093	23.345	0.2519
4440	100	LDR Unbiased	22.893	23.095	0.2019
4441	100	LDR Unbiased	22.992	23.256	0.2642
4443	100	LDR Unbiased	22.812	23.109	0.2976
4444	100	LDR Unbiased	23.045	23.332	0.2874
4500	150	LDR Biased	22.735	22.354	-0.3807
4501	150	LDR Biased	23.002	22.576	-0.4257
4502	150	LDR Biased	23.024	22.799	-0.2252
4503	150	LDR Biased	22.877	22.553	-0.3245
4504	150	LDR Biased	22.884	22.531	-0.3525
4505	150	LDR Unbiased	23.002	22.597	-0.4051
4506	150	LDR Unbiased	23.054	22.699	-0.3547
4507	150	LDR Unbiased	22.721	22.4	-0.3212
4508	150	LDR Unbiased	22.817	22.36	-0.4575
4509	150	LDR Unbiased	22.96	22.489	-0.4716

Test Statistics (ns)

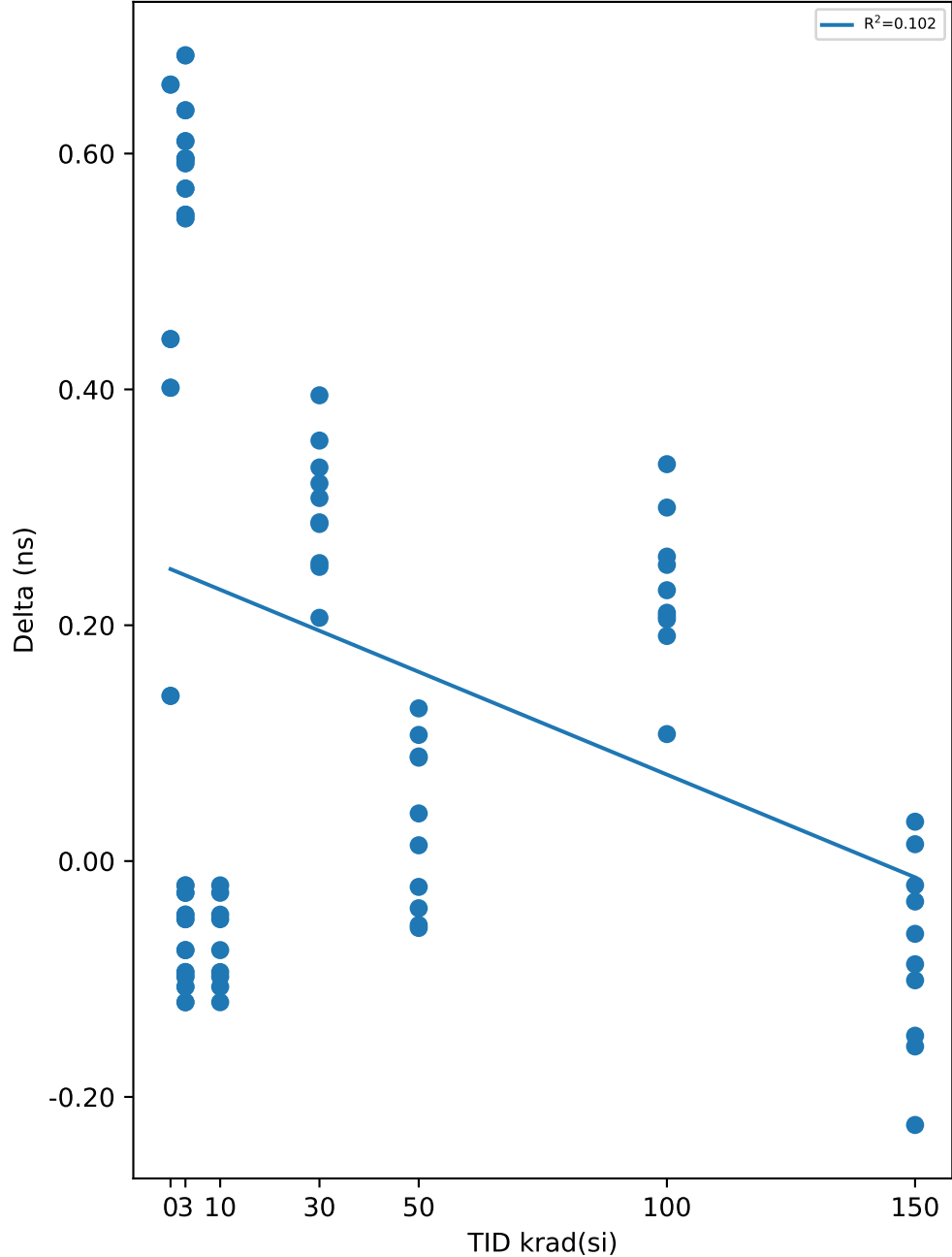
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	22.812	22.902	22.992	0.12777	23.501	23.569	23.637	0.095601	0.6443	0.66705	0.6898	0.032173
3	22.61	22.986	23.138	0.15891	19.844	20.133	20.248	0.12633	-2.9413	-2.8532	-2.7652	0.066479
10	22.61	22.986	23.138	0.15891	22.487	22.887	23.087	0.17296	-0.1808	-0.099433	-0.042	0.046203
30	22.812	22.977	23.093	0.08528	22.737	22.859	22.995	0.082225	-0.1824	-0.11879	-0.032	0.047983
50	22.812	22.977	23.093	0.08528	22.614	22.749	22.867	0.084036	-0.2947	-0.22812	-0.1637	0.041261
100	22.812	22.977	23.093	0.08528	23.066	23.203	23.345	0.10044	0.116	0.2259	0.2976	0.052482
150	22.721	22.908	23.054	0.12022	22.354	22.536	22.799	0.14396	-0.4716	-0.37187	-0.2252	0.073297

Device Test: 111.3 Prop Delay LO Off IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 38.0 (ns))

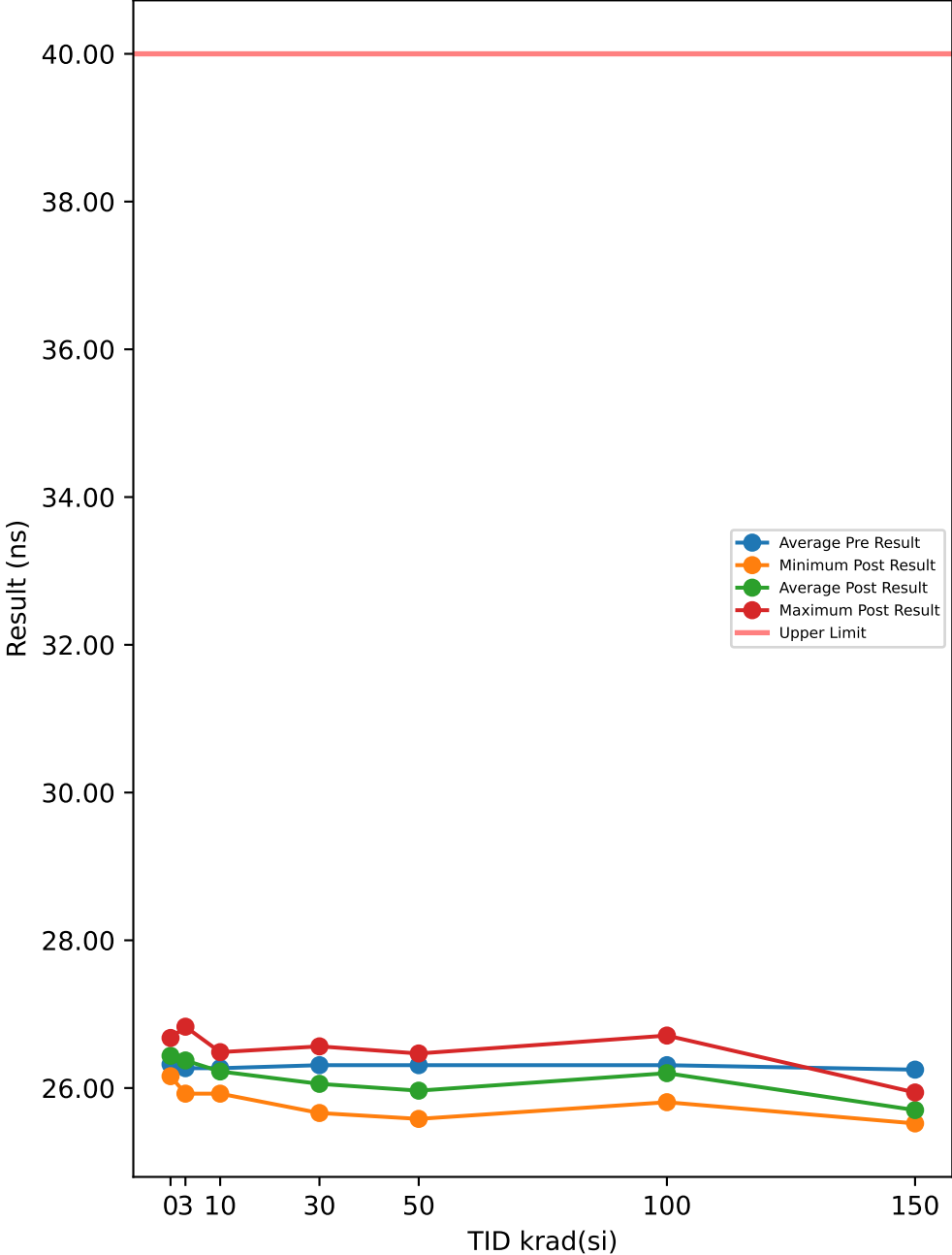
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	27.279	27.721	0.4427
2	0	CORRELATION	26.926	27.585	0.6585
259	3	LDR Biased	27.27	27.84	0.5703
426	3	LDR Biased	27.11	27.794	0.6833
427	3	LDR Biased	27.029	27.624	0.5952
428	3	LDR Biased	27.105	27.716	0.6105
429	3	LDR Unbiased	26.801	27.438	0.6367
430	3	LDR Unbiased	27.107	27.702	0.5959
431	3	LDR Unbiased	27.134	27.679	0.5451
432	3	LDR Unbiased	27.045	27.637	0.5918
433	3	LDR Unbiased	27.33	27.878	0.5482
1259	10	LDR Biased	27.27	27.195	-0.0755
1426	10	LDR Biased	27.11	27.084	-0.0269
1427	10	LDR Biased	27.029	26.909	-0.1197
1428	10	LDR Biased	27.105	27.085	-0.0206
1429	10	LDR Unbiased	26.801	26.703	-0.098
1430	10	LDR Unbiased	27.107	27.057	-0.0493
1431	10	LDR Unbiased	27.134	27.027	-0.1066
1432	10	LDR Unbiased	27.045	26.951	-0.0941
1433	10	LDR Unbiased	27.33	27.285	-0.0454
2434	30	LDR Biased	27.063	27.349	0.2859
2435	30	LDR Biased	26.827	27.147	0.3203
2436	30	LDR Biased	27.075	27.327	0.2527
2437	30	LDR Biased	26.977	27.333	0.3566
2438	30	LDR Biased	27.112	27.42	0.3079
2439	30	LDR Unbiased	27.161	27.367	0.2063
2440	30	LDR Unbiased	27.054	27.304	0.2495
2441	30	LDR Unbiased	27.279	27.566	0.2873
2443	30	LDR Unbiased	26.926	27.321	0.395
2444	30	LDR Unbiased	26.988	27.322	0.3338
3434	50	LDR Biased	27.063	27.023	-0.04
3435	50	LDR Biased	26.827	26.934	0.107
3436	50	LDR Biased	27.075	27.018	-0.0567
3437	50	LDR Biased	26.977	26.99	0.0134
3438	50	LDR Biased	27.112	27.201	0.0887
3439	50	LDR Unbiased	27.161	27.202	0.0404
3440	50	LDR Unbiased	27.054	27.032	-0.0219
3441	50	LDR Unbiased	27.279	27.366	0.0877
3443	50	LDR Unbiased	26.926	27.056	0.1295
3444	50	LDR Unbiased	26.988	26.934	-0.0542
4434	100	LDR Biased	27.063	27.171	0.1077
4435	100	LDR Biased	26.827	27.057	0.2297
4436	100	LDR Biased	27.075	27.266	0.1909
4437	100	LDR Biased	26.977	27.184	0.2076
4438	100	LDR Biased	27.112	27.363	0.2512
4439	100	LDR Unbiased	27.161	27.498	0.3366
4440	100	LDR Unbiased	27.054	27.259	0.2051
4441	100	LDR Unbiased	27.279	27.489	0.2106
4443	100	LDR Unbiased	26.926	27.226	0.2998
4444	100	LDR Unbiased	26.988	27.246	0.2582
4500	150	LDR Biased	26.787	26.699	-0.0875
4501	150	LDR Biased	27.252	27.19	-0.0617
4502	150	LDR Biased	27.111	27.091	-0.0205
4503	150	LDR Biased	26.979	26.993	0.0143
4504	150	LDR Biased	26.844	26.809	-0.0343
4505	150	LDR Unbiased	27.039	26.891	-0.1481
4506	150	LDR Unbiased	27.076	26.974	-0.1011
4507	150	LDR Unbiased	26.716	26.75	0.0334
4508	150	LDR Unbiased	27.075	26.852	-0.2238
4509	150	LDR Unbiased	27.088	26.931	-0.1572

Test Statistics (ns)

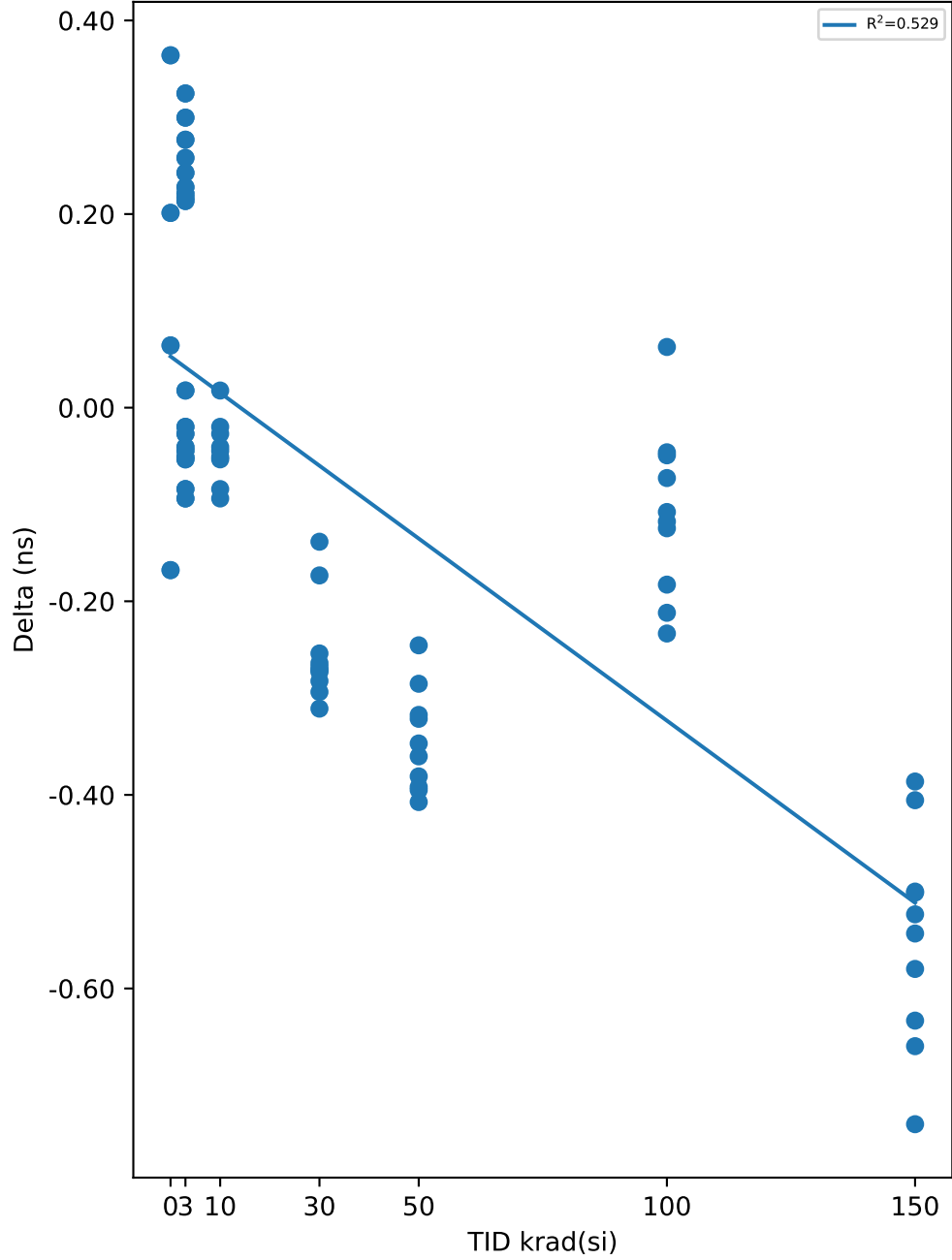
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.926	27.102	27.279	0.24926	27.585	27.653	27.721	0.096661	0.4427	0.5506	0.6585	0.15259
3	26.801	27.103	27.33	0.15033	27.438	27.701	27.878	0.13215	0.5451	0.59744	0.6833	0.043335
10	26.801	27.103	27.33	0.15033	26.703	27.033	27.285	0.16827	-0.1197	-0.070678	-0.0206	0.036284
30	26.827	27.046	27.279	0.12625	27.147	27.346	27.566	0.10398	0.2063	0.29953	0.395	0.055548
50	26.827	27.046	27.279	0.12625	26.934	27.076	27.366	0.1382	-0.0567	0.02939	0.1295	0.070855
100	26.827	27.046	27.279	0.12625	27.057	27.276	27.498	0.13893	0.1077	0.22974	0.3366	0.062773
150	26.716	26.997	27.252	0.16565	26.699	26.918	27.19	0.1512	-0.2238	-0.07865	0.0334	0.081292

Device Test: 111.4 Prop Delay HO On IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (ns))

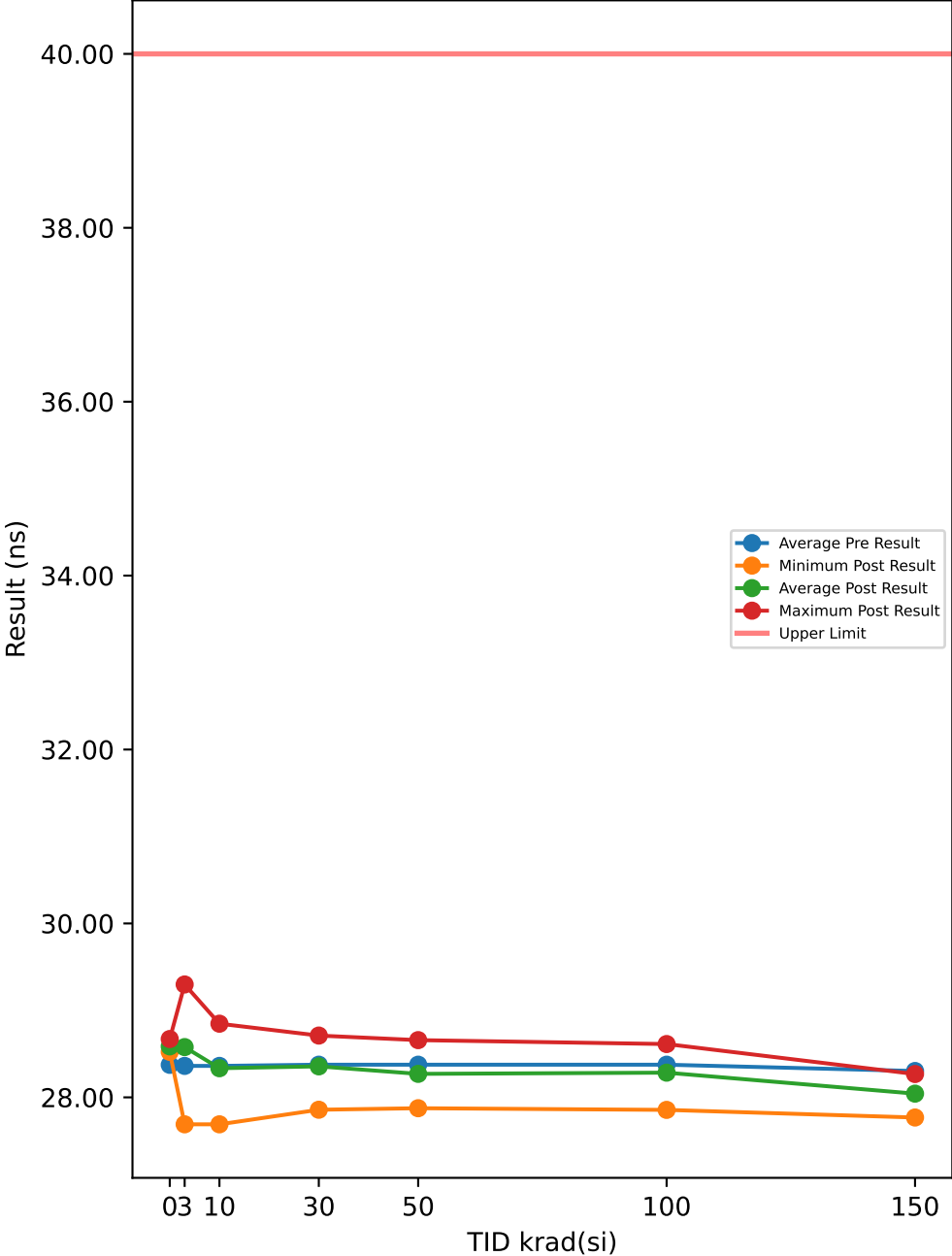
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	26.314	26.678	0.364
2	0	CORRELATION	26.328	26.529	0.2012
259	3	LDR Biased	26.227	26.485	0.258
426	3	LDR Biased	26.397	26.674	0.2768
427	3	LDR Biased	26.008	26.308	0.2996
428	3	LDR Biased	26.384	26.612	0.2278
429	3	LDR Unbiased	26.093	26.31	0.217
430	3	LDR Unbiased	26.26	26.503	0.2426
431	3	LDR Unbiased	26.288	26.509	0.2212
432	3	LDR Unbiased	26.506	26.83	0.3246
433	3	LDR Unbiased	26.255	26.468	0.2135
1259	10	LDR Biased	26.227	26.244	0.0177
1426	10	LDR Biased	26.397	26.37	-0.027
1427	10	LDR Biased	26.008	25.924	-0.0841
1428	10	LDR Biased	26.384	26.331	-0.0534
1429	10	LDR Unbiased	26.093	26.042	-0.051
1430	10	LDR Unbiased	26.26	26.22	-0.0407
1431	10	LDR Unbiased	26.288	26.243	-0.0445
1432	10	LDR Unbiased	26.506	26.486	-0.0198
1433	10	LDR Unbiased	26.255	26.161	-0.0938
2434	30	LDR Biased	26.637	26.343	-0.2937
2435	30	LDR Biased	25.916	25.662	-0.2539
2436	30	LDR Biased	26.828	26.564	-0.2638
2437	30	LDR Biased	26.048	25.78	-0.2679
2438	30	LDR Biased	26.257	25.946	-0.3109
2439	30	LDR Unbiased	26.303	26.13	-0.1733
2440	30	LDR Unbiased	25.99	25.707	-0.2824
2441	30	LDR Unbiased	26.314	26.041	-0.273
2443	30	LDR Unbiased	26.328	26.19	-0.1385
2444	30	LDR Unbiased	26.474	26.203	-0.271
3434	50	LDR Biased	26.637	26.29	-0.3469
3435	50	LDR Biased	25.916	25.631	-0.2852
3436	50	LDR Biased	26.828	26.468	-0.3602
3437	50	LDR Biased	26.048	25.73	-0.3174
3438	50	LDR Biased	26.257	25.862	-0.395
3439	50	LDR Unbiased	26.303	25.982	-0.3214
3440	50	LDR Unbiased	25.99	25.582	-0.4074
3441	50	LDR Unbiased	26.314	25.922	-0.3918
3443	50	LDR Unbiased	26.328	26.083	-0.2455
3444	50	LDR Unbiased	26.474	26.093	-0.3809
4434	100	LDR Biased	26.637	26.403	-0.2333
4435	100	LDR Biased	25.916	25.808	-0.1078
4436	100	LDR Biased	26.828	26.71	-0.1176
4437	100	LDR Biased	26.048	25.865	-0.1828
4438	100	LDR Biased	26.257	26.045	-0.2119
4439	100	LDR Unbiased	26.303	26.254	-0.0492
4440	100	LDR Unbiased	25.99	25.944	-0.0461
4441	100	LDR Unbiased	26.314	26.189	-0.1246
4443	100	LDR Unbiased	26.328	26.391	0.0627
4444	100	LDR Unbiased	26.474	26.402	-0.0727
4500	150	LDR Biased	26.483	25.94	-0.5432
4501	150	LDR Biased	26.276	25.617	-0.6596
4502	150	LDR Biased	26.236	25.712	-0.5234
4503	150	LDR Biased	26.15	25.65	-0.4999
4504	150	LDR Biased	26.222	25.588	-0.6332
4505	150	LDR Unbiased	26.616	25.876	-0.7402
4506	150	LDR Unbiased	26.489	25.909	-0.5798
4507	150	LDR Unbiased	25.927	25.521	-0.4055
4508	150	LDR Unbiased	25.907	25.521	-0.3862
4509	150	LDR Unbiased	26.183	25.682	-0.501

Test Statistics (ns)

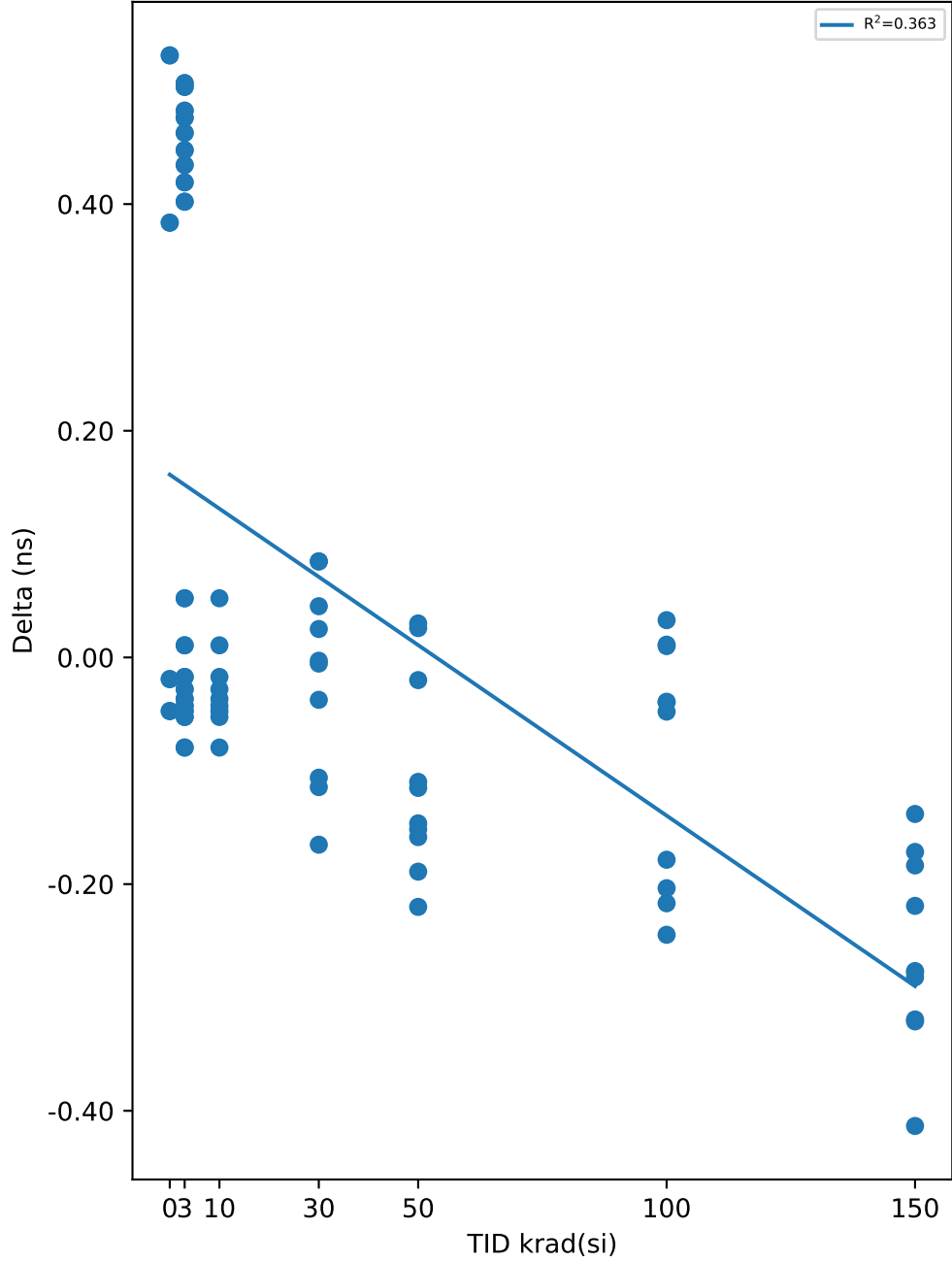
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.314	26.321	26.328	0.010112	26.529	26.604	26.678	0.10501	0.2012	0.2826	0.364	0.11512
3	26.008	26.269	26.506	0.15297	26.308	26.522	26.83	0.16656	0.2135	0.25346	0.3246	0.039526
10	26.008	26.269	26.506	0.15297	25.924	26.225	26.486	0.16931	-0.0938	-0.044067	0.0177	0.033388
30	25.916	26.309	26.828	0.28517	25.662	26.057	26.564	0.28886	-0.3109	-0.25284	-0.1385	0.054159
50	25.916	26.309	26.828	0.28517	25.582	25.964	26.468	0.28178	-0.4074	-0.34517	-0.2455	0.052601
100	25.916	26.309	26.828	0.28517	25.808	26.201	26.71	0.28625	-0.2333	-0.10833	0.0627	0.088274
150	25.907	26.249	26.616	0.23179	25.521	25.702	25.94	0.15582	-0.7402	-0.5472	-0.3862	0.1102

Device Test: 111.5 Prop Delay HO Off IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (ns))

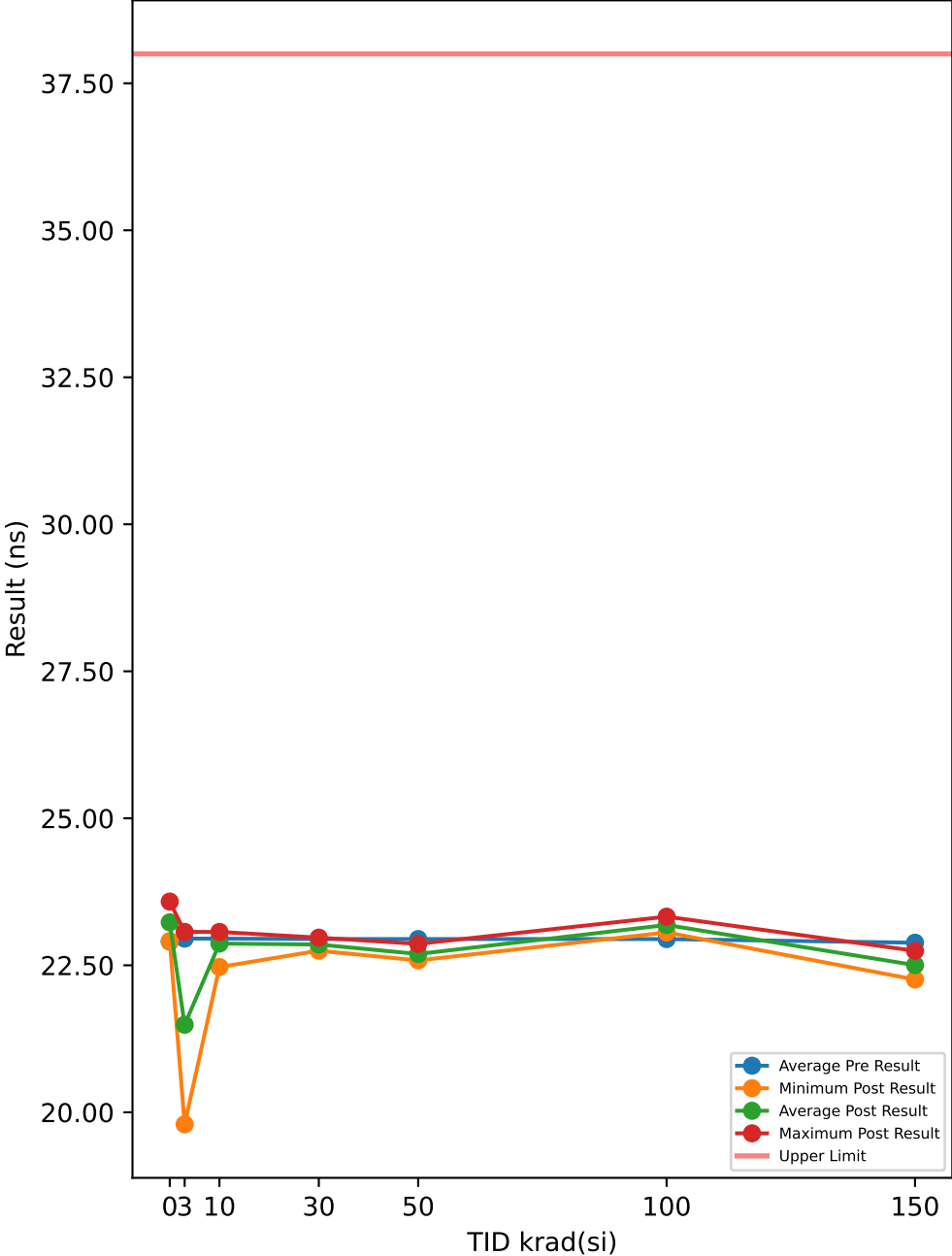
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	28.608	28.589	-0.0191
2	0	CORRELATION	28.14	28.671	0.5312
259	3	LDR Biased	28.795	29.298	0.5034
426	3	LDR Biased	28.47	28.946	0.4762
427	3	LDR Biased	27.769	28.252	0.4824
428	3	LDR Biased	28.337	28.772	0.4345
429	3	LDR Unbiased	28.343	28.763	0.4192
430	3	LDR Unbiased	28.281	28.744	0.4628
431	3	LDR Unbiased	28.225	28.673	0.4476
432	3	LDR Unbiased	28.667	29.174	0.5067
433	3	LDR Unbiased	28.367	28.769	0.4021
1259	10	LDR Biased	28.795	28.847	0.0522
1426	10	LDR Biased	28.47	28.427	-0.0426
1427	10	LDR Biased	27.769	27.69	-0.0795
1428	10	LDR Biased	28.337	28.309	-0.028
1429	10	LDR Unbiased	28.343	28.296	-0.0473
1430	10	LDR Unbiased	28.281	28.292	0.0107
1431	10	LDR Unbiased	28.225	28.208	-0.0172
1432	10	LDR Unbiased	28.667	28.615	-0.0525
1433	10	LDR Unbiased	28.367	28.33	-0.0366
2434	30	LDR Biased	28.535	28.619	0.0847
2435	30	LDR Biased	27.895	27.858	-0.0374
2436	30	LDR Biased	28.817	28.71	-0.1061
2437	30	LDR Biased	28.224	28.109	-0.1144
2438	30	LDR Biased	28.45	28.285	-0.1652
2439	30	LDR Unbiased	28.48	28.505	0.0251
2440	30	LDR Unbiased	28.079	28.124	0.0452
2441	30	LDR Unbiased	28.608	28.606	-0.0029
2443	30	LDR Unbiased	28.14	28.134	-0.0054
2444	30	LDR Unbiased	28.529	28.614	0.0848
3434	50	LDR Biased	28.535	28.425	-0.1098
3435	50	LDR Biased	27.895	27.875	-0.02
3436	50	LDR Biased	28.817	28.658	-0.1585
3437	50	LDR Biased	28.224	28.072	-0.1516
3438	50	LDR Biased	28.45	28.23	-0.2201
3439	50	LDR Unbiased	28.48	28.291	-0.189
3440	50	LDR Unbiased	28.079	27.933	-0.1464
3441	50	LDR Unbiased	28.608	28.493	-0.1151
3443	50	LDR Unbiased	28.14	28.17	0.03
3444	50	LDR Unbiased	28.529	28.555	0.0259
4434	100	LDR Biased	28.535	28.318	-0.2169
4435	100	LDR Biased	27.895	27.856	-0.0391
4436	100	LDR Biased	28.817	28.613	-0.2036
4437	100	LDR Biased	28.224	27.979	-0.2447
4438	100	LDR Biased	28.45	28.271	-0.1785
4439	100	LDR Unbiased	28.48	28.49	0.01
4440	100	LDR Unbiased	28.079	28.09	0.0113
4441	100	LDR Unbiased	28.608	28.561	-0.0478
4443	100	LDR Unbiased	28.14	28.173	0.0329
4444	100	LDR Unbiased	28.529	28.489	-0.0395
4500	150	LDR Biased	28.336	28.116	-0.2192
4501	150	LDR Biased	28.568	28.247	-0.3211
4502	150	LDR Biased	28.241	27.964	-0.2767
4503	150	LDR Biased	28.154	27.872	-0.2822
4504	150	LDR Biased	28.066	27.894	-0.1716
4505	150	LDR Unbiased	28.595	28.182	-0.4134
4506	150	LDR Unbiased	28.546	28.268	-0.2778
4507	150	LDR Unbiased	27.906	27.768	-0.1381
4508	150	LDR Unbiased	28.27	28.086	-0.1835
4509	150	LDR Unbiased	28.349	28.03	-0.3194

Test Statistics (ns)

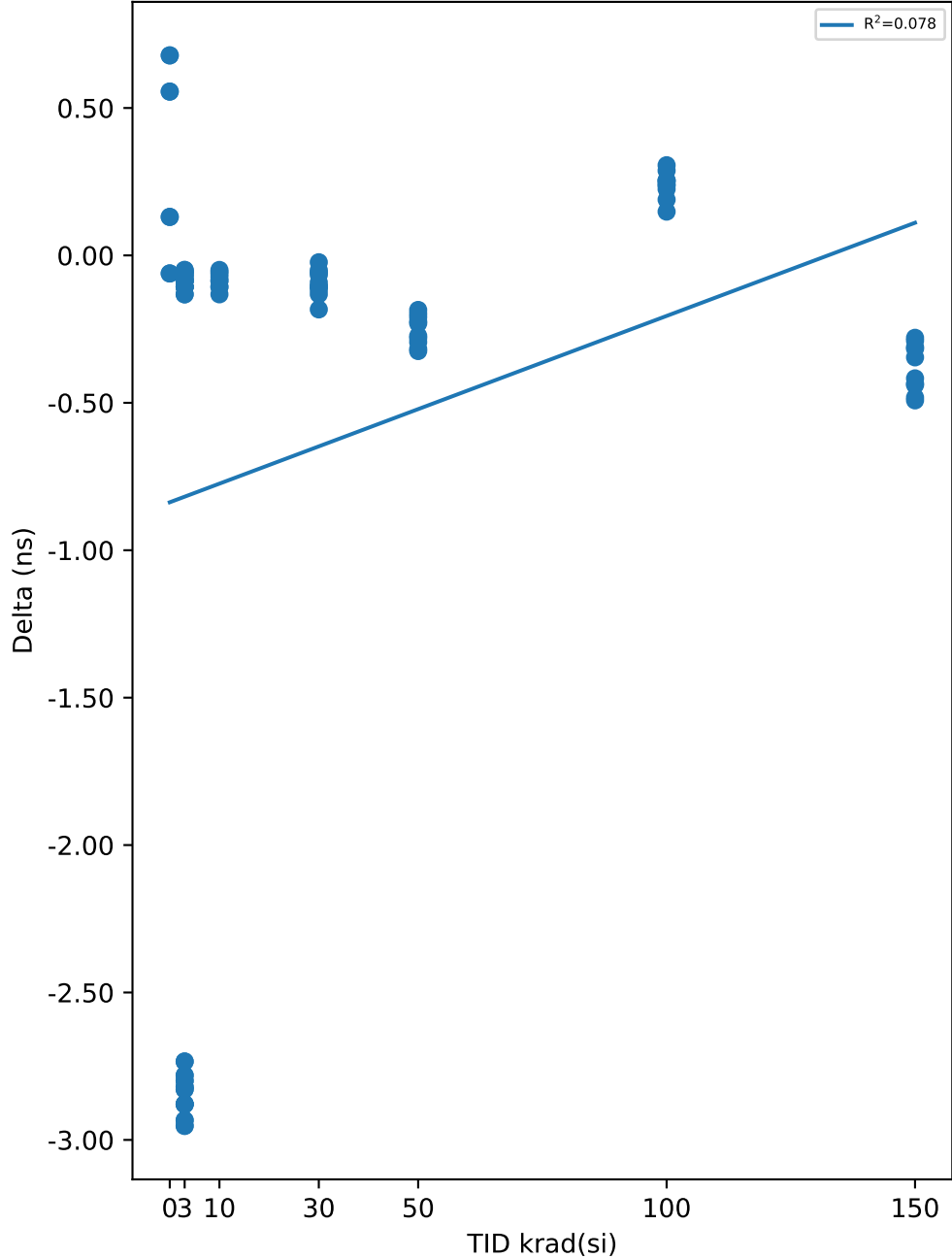
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	28.14	28.374	28.608	0.33149	28.589	28.63	28.671	0.057629	-0.0191	0.25605	0.5312	0.38912
3	27.769	28.362	28.795	0.28929	28.252	28.821	29.298	0.30173	0.4021	0.45943	0.5067	0.036494
10	27.769	28.362	28.795	0.28929	27.69	28.335	28.847	0.3133	-0.0795	-0.026756	0.0522	0.03864
30	27.895	28.376	28.817	0.28121	27.858	28.356	28.71	0.29124	-0.1652	-0.01916	0.0848	0.085919
50	27.895	28.376	28.817	0.28121	27.875	28.27	28.658	0.26393	-0.2201	-0.10546	0.03	0.08804
100	27.895	28.376	28.817	0.28121	27.856	28.284	28.613	0.25756	-0.2447	-0.09159	0.0329	0.107
150	27.906	28.303	28.595	0.22576	27.768	28.043	28.268	0.1674	-0.4134	-0.2603	-0.1381	0.083047

Device Test: 111.6 Prop Delay LO On IIM Interlock Disable VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 38.0 (ns))

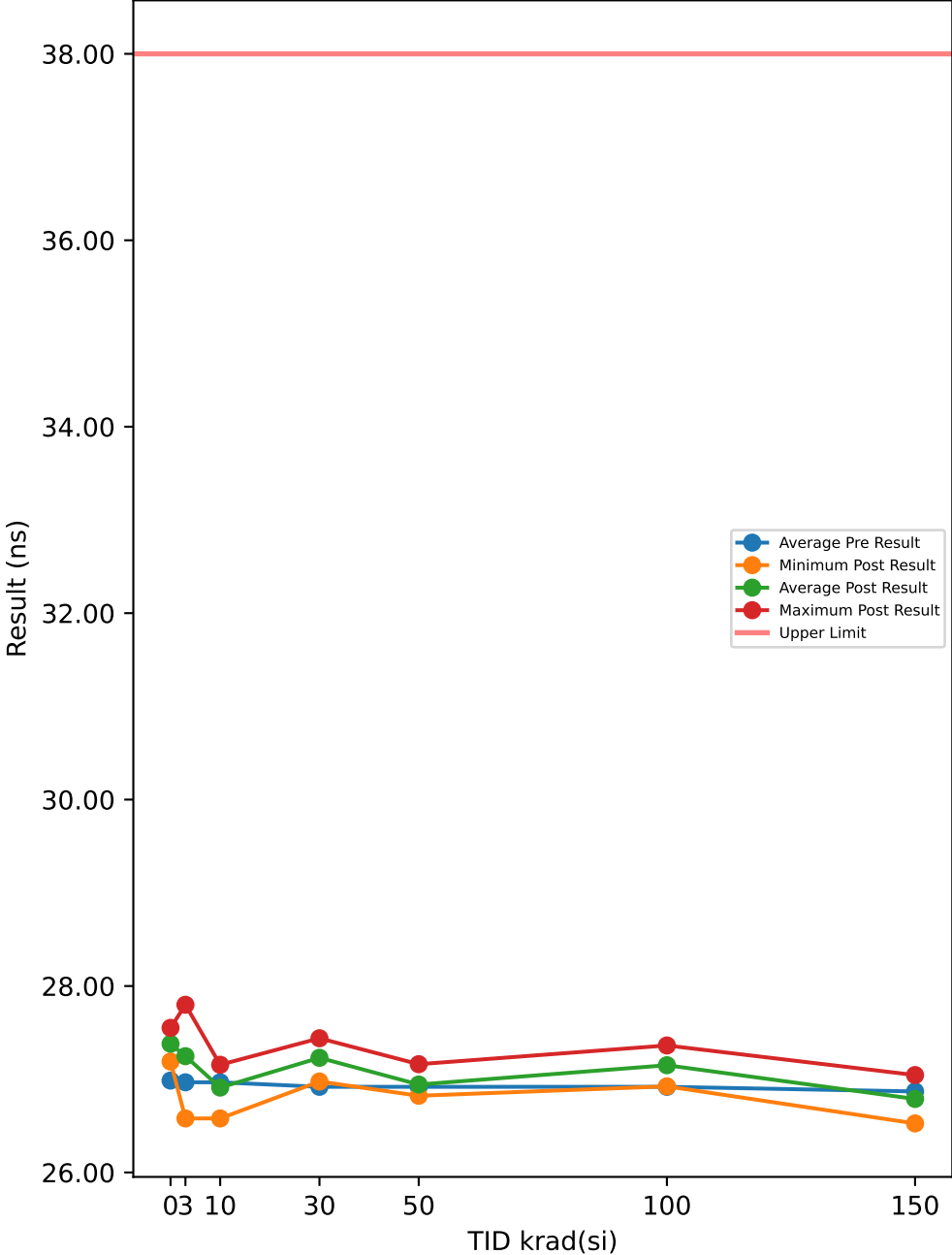
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	23.028	23.584	0.5556
2	0	CORRELATION	22.781	23.459	0.6784
259	3	LDR Biased	23.141	20.208	-2.9333
426	3	LDR Biased	22.964	20.135	-2.8285
427	3	LDR Biased	22.957	20.137	-2.8201
428	3	LDR Biased	22.907	20.028	-2.8793
429	3	LDR Unbiased	22.577	19.796	-2.7811
430	3	LDR Unbiased	22.96	20.16	-2.7994
431	3	LDR Unbiased	23.136	20.183	-2.9524
432	3	LDR Unbiased	22.913	20.179	-2.7341
433	3	LDR Unbiased	23.03	20.151	-2.8786
1259	10	LDR Biased	23.141	23.068	-0.0734
1426	10	LDR Biased	22.964	22.878	-0.0858
1427	10	LDR Biased	22.957	22.825	-0.132
1428	10	LDR Biased	22.907	22.821	-0.0861
1429	10	LDR Unbiased	22.577	22.47	-0.1062
1430	10	LDR Unbiased	22.96	22.897	-0.0629
1431	10	LDR Unbiased	23.136	23.028	-0.1073
1432	10	LDR Unbiased	22.913	22.858	-0.0556
1433	10	LDR Unbiased	23.03	22.981	-0.0493
2434	30	LDR Biased	22.911	22.794	-0.1166
2435	30	LDR Biased	22.935	22.885	-0.0501
2436	30	LDR Biased	23.049	22.866	-0.1832
2437	30	LDR Biased	22.905	22.773	-0.1317
2438	30	LDR Biased	22.936	22.83	-0.106
2439	30	LDR Unbiased	23.073	22.968	-0.1052
2440	30	LDR Unbiased	22.84	22.748	-0.0917
2441	30	LDR Unbiased	23.028	22.97	-0.0579
2443	30	LDR Unbiased	22.781	22.757	-0.0232
2444	30	LDR Unbiased	23.004	22.938	-0.0659
3434	50	LDR Biased	22.911	22.593	-0.3173
3435	50	LDR Biased	22.935	22.75	-0.185
3436	50	LDR Biased	23.049	22.725	-0.3244
3437	50	LDR Biased	22.905	22.625	-0.2804
3438	50	LDR Biased	22.936	22.712	-0.2241
3439	50	LDR Unbiased	23.073	22.864	-0.2091
3440	50	LDR Unbiased	22.84	22.61	-0.2305
3441	50	LDR Unbiased	23.028	22.734	-0.2941
3443	50	LDR Unbiased	22.781	22.583	-0.1976
3444	50	LDR Unbiased	23.004	22.731	-0.273
4434	100	LDR Biased	22.911	23.059	0.1485
4435	100	LDR Biased	22.935	23.174	0.239
4436	100	LDR Biased	23.049	23.288	0.2387
4437	100	LDR Biased	22.905	23.13	0.2249
4438	100	LDR Biased	22.936	23.191	0.2545
4439	100	LDR Unbiased	23.073	23.327	0.254
4440	100	LDR Unbiased	22.84	23.091	0.2512
4441	100	LDR Unbiased	23.028	23.217	0.1892
4443	100	LDR Unbiased	22.781	23.087	0.3059
4444	100	LDR Unbiased	23.004	23.292	0.2875
4500	150	LDR Biased	22.693	22.258	-0.4352
4501	150	LDR Biased	22.96	22.614	-0.3458
4502	150	LDR Biased	23.019	22.73	-0.2892
4503	150	LDR Biased	22.864	22.553	-0.3112
4504	150	LDR Biased	22.838	22.521	-0.3165
4505	150	LDR Unbiased	22.981	22.541	-0.4394
4506	150	LDR Unbiased	23.026	22.746	-0.2795
4507	150	LDR Unbiased	22.712	22.295	-0.4171
4508	150	LDR Unbiased	22.788	22.297	-0.4917
4509	150	LDR Unbiased	22.958	22.476	-0.4819

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	22.781	22.904	23.028	0.17508	23.459	23.521	23.584	0.088247	0.5556	0.617	0.6784	0.086833
3	22.577	22.954	23.141	0.16592	19.796	20.109	20.208	0.12798	-2.9524	-2.8452	-2.7341	0.071581
10	22.577	22.954	23.141	0.16592	22.47	22.869	23.068	0.17375	-0.132	-0.084289	-0.0493	0.027191
30	22.781	22.946	23.073	0.093578	22.748	22.853	22.97	0.085584	-0.1832	-0.09315	-0.0232	0.046175
50	22.781	22.946	23.073	0.093578	22.583	22.693	22.864	0.08865	-0.3244	-0.25355	-0.185	0.050587
100	22.781	22.946	23.073	0.093578	23.059	23.186	23.327	0.094777	0.1485	0.23934	0.3059	0.045105
150	22.693	22.884	23.026	0.12315	22.258	22.503	22.746	0.17441	-0.4917	-0.38075	-0.2795	0.081026

Device Test: 111.7 Prop Delay LO Off IIM Interlock Disable VIN_12V

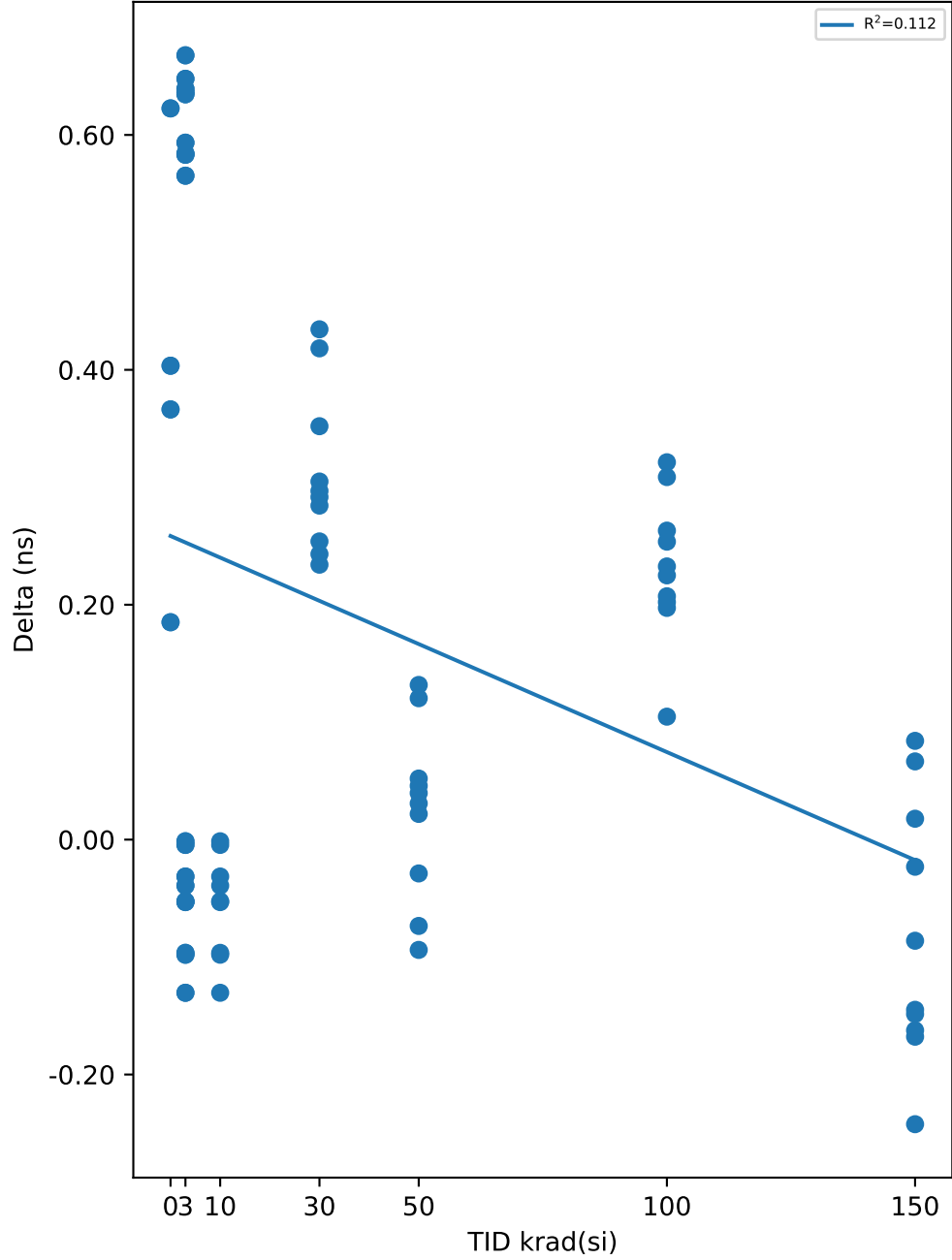
TID vs Result Stats



Test Results (Upper Limit = 38.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	27.148	27.552	0.4035
2	0	CORRELATION	26.824	27.446	0.6226
259	3	LDR Biased	27.132	27.767	0.6346
426	3	LDR Biased	27.019	27.585	0.5653
427	3	LDR Biased	26.914	27.497	0.5831
428	3	LDR Biased	26.977	27.613	0.6363
429	3	LDR Unbiased	26.676	27.269	0.5934
430	3	LDR Unbiased	26.956	27.624	0.6678
431	3	LDR Unbiased	26.972	27.556	0.5842
432	3	LDR Unbiased	26.899	27.547	0.6478
433	3	LDR Unbiased	27.16	27.799	0.6393
1259	10	LDR Biased	27.132	27.093	-0.0392
1426	10	LDR Biased	27.019	26.966	-0.0532
1427	10	LDR Biased	26.914	26.783	-0.1304
1428	10	LDR Biased	26.977	26.976	-0.0014
1429	10	LDR Unbiased	26.676	26.58	-0.0964
1430	10	LDR Unbiased	26.956	26.925	-0.0314
1431	10	LDR Unbiased	26.972	26.874	-0.098
1432	10	LDR Unbiased	26.899	26.847	-0.0525
1433	10	LDR Unbiased	27.16	27.155	-0.0045
2434	30	LDR Biased	26.916	27.159	0.2431
2435	30	LDR Biased	26.691	26.976	0.2844
2436	30	LDR Biased	26.926	27.223	0.2969
2437	30	LDR Biased	26.856	27.29	0.4345
2438	30	LDR Biased	27.011	27.315	0.3049
2439	30	LDR Unbiased	27.041	27.393	0.352
2440	30	LDR Unbiased	26.923	27.157	0.2341
2441	30	LDR Unbiased	27.148	27.44	0.2917
2443	30	LDR Unbiased	26.824	27.242	0.4183
2444	30	LDR Unbiased	26.853	27.107	0.2539
3434	50	LDR Biased	26.916	26.842	-0.0735
3435	50	LDR Biased	26.691	26.823	0.1317
3436	50	LDR Biased	26.926	26.966	0.0396
3437	50	LDR Biased	26.856	26.886	0.0308
3438	50	LDR Biased	27.011	27.056	0.0458
3439	50	LDR Unbiased	27.041	27.162	0.1204
3440	50	LDR Unbiased	26.923	26.829	-0.0939
3441	50	LDR Unbiased	27.148	27.119	-0.0288
3443	50	LDR Unbiased	26.824	26.876	0.052
3444	50	LDR Unbiased	26.853	26.875	0.0219
4434	100	LDR Biased	26.916	27.02	0.1047
4435	100	LDR Biased	26.691	26.924	0.2326
4436	100	LDR Biased	26.926	27.18	0.2537
4437	100	LDR Biased	26.856	27.063	0.2072
4438	100	LDR Biased	27.011	27.235	0.225
4439	100	LDR Unbiased	27.041	27.362	0.3213
4440	100	LDR Unbiased	26.923	27.12	0.1973
4441	100	LDR Unbiased	27.148	27.35	0.2022
4443	100	LDR Unbiased	26.824	27.132	0.3087
4444	100	LDR Unbiased	26.853	27.116	0.2631
4500	150	LDR Biased	26.671	26.526	-0.1449
4501	150	LDR Biased	27.15	27.001	-0.1485
4502	150	LDR Biased	26.961	27.045	0.0841
4503	150	LDR Biased	26.83	26.896	0.0666
4504	150	LDR Biased	26.672	26.586	-0.0861
4505	150	LDR Unbiased	26.917	26.75	-0.1678
4506	150	LDR Unbiased	26.941	26.959	0.0178
4507	150	LDR Unbiased	26.593	26.57	-0.0231
4508	150	LDR Unbiased	26.979	26.736	-0.2423
4509	150	LDR Unbiased	26.98	26.817	-0.1624

TID vs Post - Pre Exposure Delta

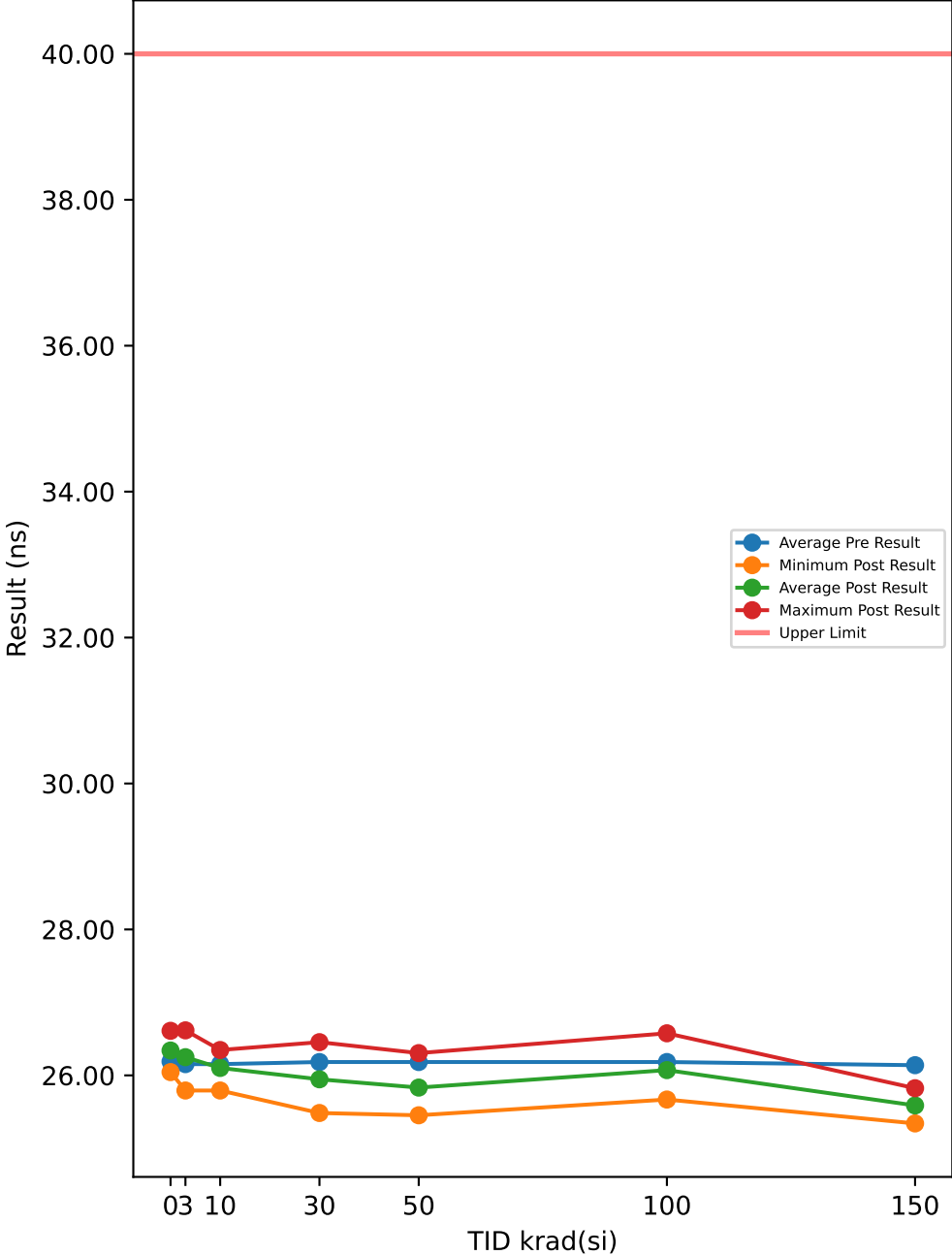


Test Statistics (ns)

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	26.824	26.986	27.148	0.22931	27.446	27.499	27.552	0.074388	0.4035	0.51305	0.6226	0.15493
3	26.676	26.967	27.16	0.14118	27.269	27.584	27.799	0.15442	0.5653	0.61687	0.6678	0.035643
10	26.676	26.967	27.16	0.14118	26.58	26.911	27.155	0.17021	-0.1304	-0.056333	-0.0014	0.043976
30	26.691	26.919	27.148	0.12702	26.976	27.23	27.44	0.13825	0.2341	0.31138	0.4345	0.069559
50	26.691	26.919	27.148	0.12702	26.823	26.943	27.162	0.12567	-0.0939	0.0246	0.1317	0.073512
100	26.691	26.919	27.148	0.12702	26.924	27.15	27.362	0.13799	0.1047	0.23158	0.3213	0.061694
150	26.593	26.869	27.15	0.17468	26.526	26.789	27.045	0.18685	-0.2423	-0.08066	0.0841	0.11106

Device Test: 111.8 Prop Delay HO On IIM Interlock Disable VIN_12V

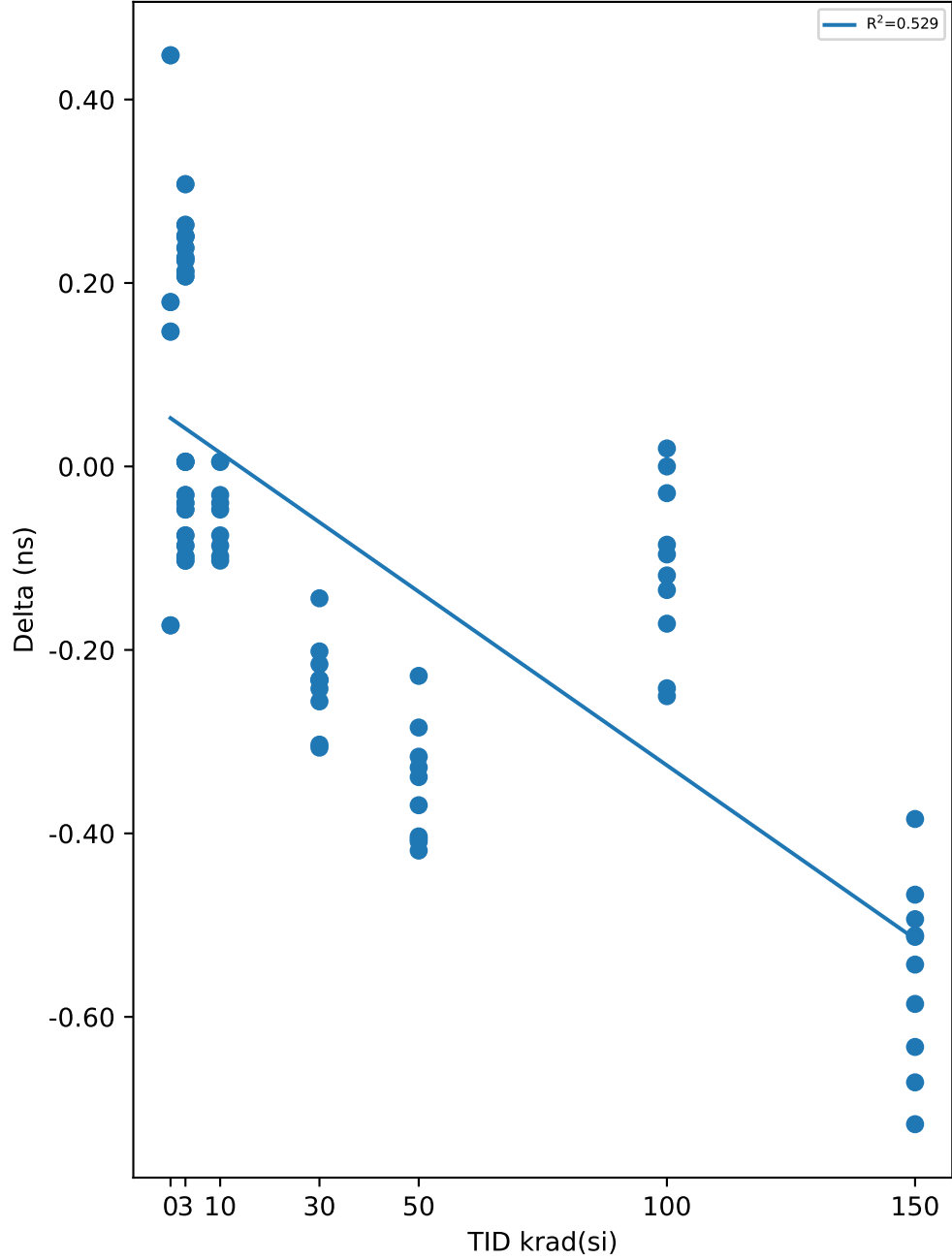
TID vs Result Stats



Test Results (Upper Limit = 40.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	26.162	26.611	0.4482
2	0	CORRELATION	26.218	26.397	0.1792
259	3	LDR Biased	26.119	26.371	0.2512
426	3	LDR Biased	26.298	26.561	0.2634
427	3	LDR Biased	25.891	26.198	0.3077
428	3	LDR Biased	26.268	26.496	0.2275
429	3	LDR Unbiased	25.979	26.191	0.2126
430	3	LDR Unbiased	26.146	26.396	0.2505
431	3	LDR Unbiased	26.163	26.388	0.2246
432	3	LDR Unbiased	26.379	26.617	0.2383
433	3	LDR Unbiased	26.144	26.351	0.2071
1259	10	LDR Biased	26.119	26.124	0.0049
1426	10	LDR Biased	26.298	26.212	-0.0864
1427	10	LDR Biased	25.891	25.793	-0.0981
1428	10	LDR Biased	26.268	26.273	0.0053
1429	10	LDR Unbiased	25.979	25.904	-0.0751
1430	10	LDR Unbiased	26.146	26.106	-0.0398
1431	10	LDR Unbiased	26.163	26.116	-0.047
1432	10	LDR Unbiased	26.379	26.348	-0.0311
1433	10	LDR Unbiased	26.144	26.041	-0.1027
2434	30	LDR Biased	26.495	26.253	-0.2423
2435	30	LDR Biased	25.788	25.484	-0.3032
2436	30	LDR Biased	26.711	26.455	-0.2561
2437	30	LDR Biased	25.936	25.703	-0.2324
2438	30	LDR Biased	26.122	25.816	-0.3065
2439	30	LDR Unbiased	26.197	25.981	-0.2156
2440	30	LDR Unbiased	25.856	25.655	-0.2016
2441	30	LDR Unbiased	26.162	25.93	-0.2329
2443	30	LDR Unbiased	26.218	26.074	-0.1437
2444	30	LDR Unbiased	26.344	26.111	-0.2329
3434	50	LDR Biased	26.495	26.167	-0.3281
3435	50	LDR Biased	25.788	25.503	-0.2846
3436	50	LDR Biased	26.711	26.305	-0.4061
3437	50	LDR Biased	25.936	25.597	-0.3386
3438	50	LDR Biased	26.122	25.753	-0.3693
3439	50	LDR Unbiased	26.197	25.788	-0.409
3440	50	LDR Unbiased	25.856	25.453	-0.4033
3441	50	LDR Unbiased	26.162	25.744	-0.4187
3443	50	LDR Unbiased	26.218	25.99	-0.2283
3444	50	LDR Unbiased	26.344	26.027	-0.3164
4434	100	LDR Biased	26.495	26.253	-0.2418
4435	100	LDR Biased	25.788	25.669	-0.1188
4436	100	LDR Biased	26.711	26.576	-0.1347
4437	100	LDR Biased	25.936	25.764	-0.1714
4438	100	LDR Biased	26.122	25.872	-0.2504
4439	100	LDR Unbiased	26.197	26.168	-0.0291
4440	100	LDR Unbiased	25.856	25.856	0
4441	100	LDR Unbiased	26.162	26.067	-0.0959
4443	100	LDR Unbiased	26.218	26.238	0.0196
4444	100	LDR Unbiased	26.344	26.258	-0.0853
4500	150	LDR Biased	26.426	25.794	-0.6328
4501	150	LDR Biased	26.189	25.518	-0.6714
4502	150	LDR Biased	26.12	25.609	-0.5113
4503	150	LDR Biased	26.052	25.466	-0.5859
4504	150	LDR Biased	26.107	25.613	-0.4935
4505	150	LDR Unbiased	26.492	25.775	-0.717
4506	150	LDR Unbiased	26.337	25.824	-0.5128
4507	150	LDR Unbiased	25.774	25.39	-0.3843
4508	150	LDR Unbiased	25.808	25.341	-0.4668
4509	150	LDR Unbiased	26.09	25.547	-0.543

TID vs Post - Pre Exposure Delta

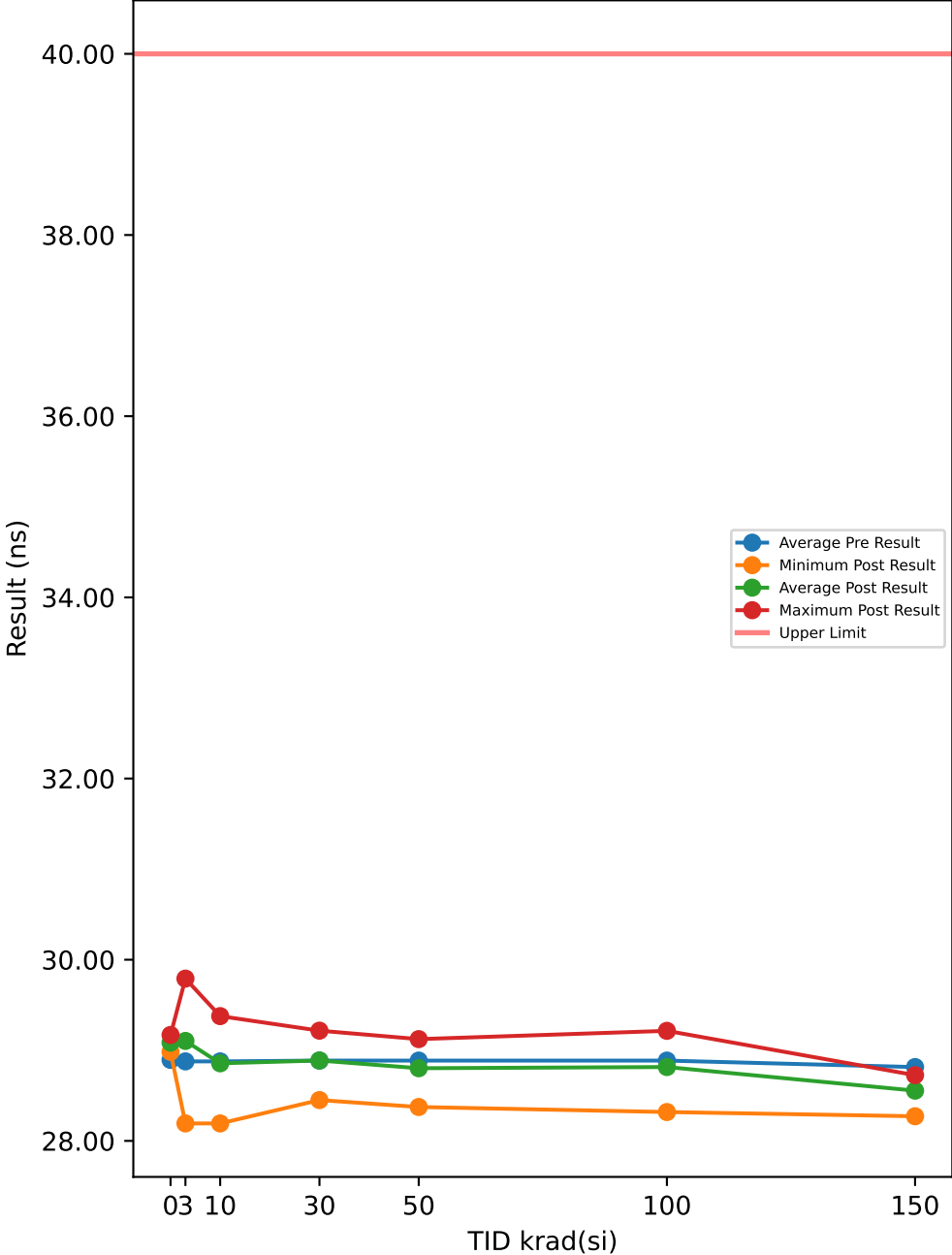


Test Statistics (ns)

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	26.162	26.19	26.218	0.039244	26.397	26.504	26.611	0.15097	0.1792	0.3137	0.4482	0.19021
3	25.891	26.154	26.379	0.15242	26.191	26.397	26.617	0.14572	0.2071	0.24254	0.3077	0.030696
10	25.891	26.154	26.379	0.15242	25.793	26.102	26.348	0.17368	-0.1027	-0.052222	0.0053	0.041146
30	25.788	26.183	26.711	0.28517	25.484	25.946	26.455	0.29291	-0.3065	-0.23672	-0.1437	0.047229
50	25.788	26.183	26.711	0.28517	25.453	25.833	26.305	0.28323	-0.4187	-0.35024	-0.2283	0.062705
100	25.788	26.183	26.711	0.28517	25.669	26.072	26.576	0.27941	-0.2504	-0.11078	0.0196	0.092966
150	25.774	26.14	26.492	0.23634	25.341	25.588	25.824	0.1685	-0.717	-0.55188	-0.3843	0.10069

Device Test: 111.9 Prop Delay HO Off IIM Interlock Disable VIN_12V

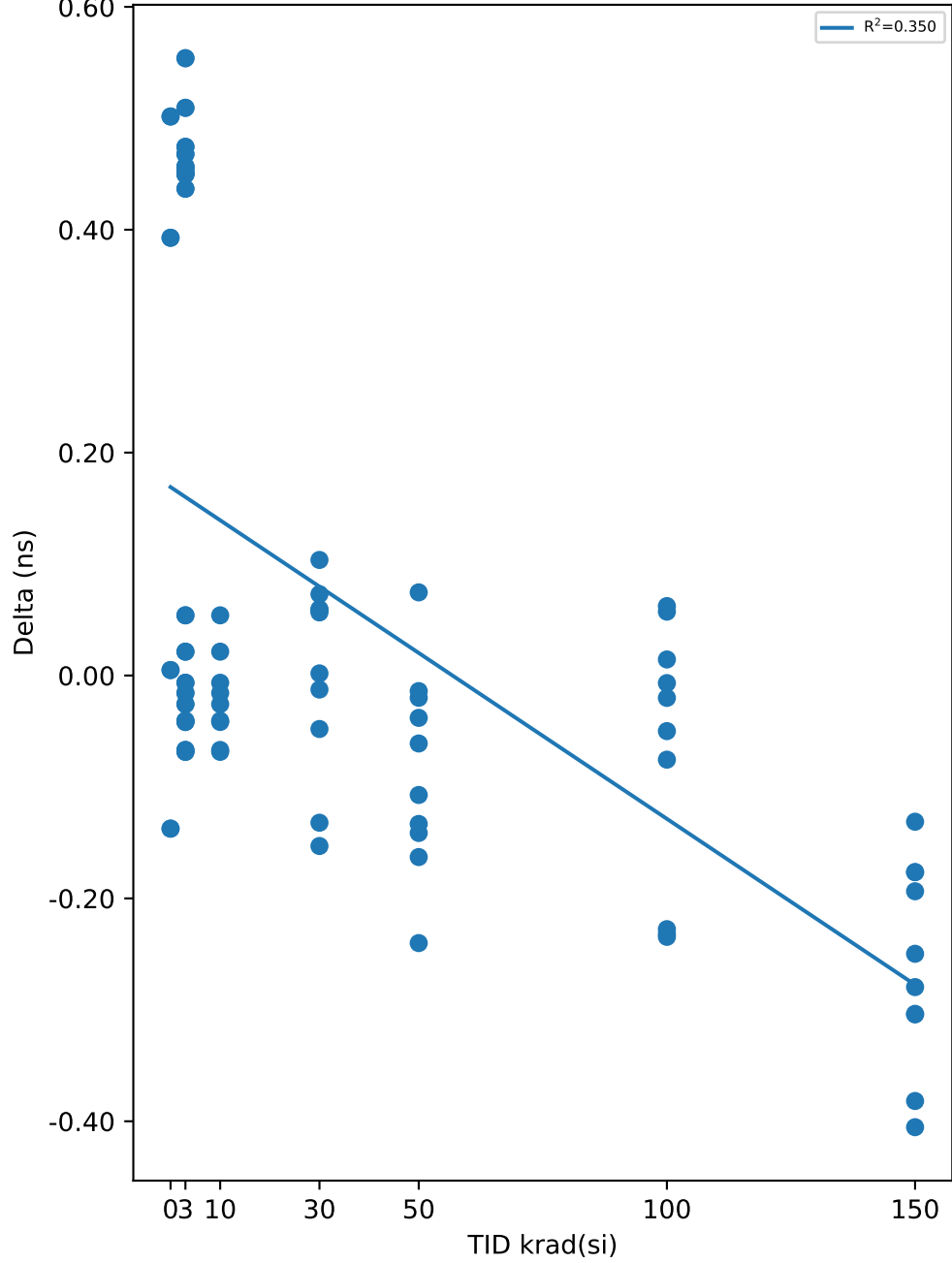
TID vs Result Stats



Test Results (Upper Limit = 40.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	29.12	29.125	0.0049
2	0	CORRELATION	28.668	29.169	0.5016
259	3	LDR Biased	29.323	29.791	0.4679
426	3	LDR Biased	28.956	29.51	0.5539
427	3	LDR Biased	28.261	28.771	0.5094
428	3	LDR Biased	28.857	29.294	0.4368
429	3	LDR Unbiased	28.844	29.319	0.4744
430	3	LDR Unbiased	28.819	29.276	0.4568
431	3	LDR Unbiased	28.767	29.216	0.4496
432	3	LDR Unbiased	29.189	29.644	0.4543
433	3	LDR Unbiased	28.881	29.331	0.4506
1259	10	LDR Biased	29.323	29.377	0.054
1426	10	LDR Biased	28.956	28.89	-0.0668
1427	10	LDR Biased	28.261	28.193	-0.0685
1428	10	LDR Biased	28.857	28.816	-0.0417
1429	10	LDR Unbiased	28.844	28.828	-0.0157
1430	10	LDR Unbiased	28.819	28.793	-0.0257
1431	10	LDR Unbiased	28.767	28.788	0.0214
1432	10	LDR Unbiased	29.189	29.149	-0.0406
1433	10	LDR Unbiased	28.881	28.874	-0.0065
2434	30	LDR Biased	29.092	29.151	0.0587
2435	30	LDR Biased	28.394	28.451	0.0566
2436	30	LDR Biased	29.265	29.217	-0.048
2437	30	LDR Biased	28.744	28.591	-0.153
2438	30	LDR Biased	28.968	28.836	-0.1321
2439	30	LDR Unbiased	28.976	29.049	0.073
2440	30	LDR Unbiased	28.614	28.601	-0.0126
2441	30	LDR Unbiased	29.12	29.122	0.0019
2443	30	LDR Unbiased	28.668	28.727	0.0596
2444	30	LDR Unbiased	29.023	29.127	0.1037
3434	50	LDR Biased	29.092	28.959	-0.1332
3435	50	LDR Biased	28.394	28.374	-0.02
3436	50	LDR Biased	29.265	29.123	-0.1413
3437	50	LDR Biased	28.744	28.637	-0.1072
3438	50	LDR Biased	28.968	28.728	-0.2401
3439	50	LDR Unbiased	28.976	28.962	-0.014
3440	50	LDR Unbiased	28.614	28.451	-0.1629
3441	50	LDR Unbiased	29.12	29.082	-0.038
3443	50	LDR Unbiased	28.668	28.607	-0.061
3444	50	LDR Unbiased	29.023	29.098	0.0746
4434	100	LDR Biased	29.092	28.865	-0.2276
4435	100	LDR Biased	28.394	28.319	-0.0755
4436	100	LDR Biased	29.265	29.215	-0.0499
4437	100	LDR Biased	28.744	28.51	-0.2345
4438	100	LDR Biased	28.968	28.736	-0.2318
4439	100	LDR Unbiased	28.976	28.956	-0.0201
4440	100	LDR Unbiased	28.614	28.676	0.0623
4441	100	LDR Unbiased	29.12	29.114	-0.0068
4443	100	LDR Unbiased	28.668	28.725	0.0573
4444	100	LDR Unbiased	29.023	29.037	0.0144
4500	150	LDR Biased	28.852	28.675	-0.1764
4501	150	LDR Biased	29.107	28.702	-0.4053
4502	150	LDR Biased	28.738	28.488	-0.2497
4503	150	LDR Biased	28.658	28.465	-0.1936
4504	150	LDR Biased	28.601	28.322	-0.2796
4505	150	LDR Unbiased	29.107	28.725	-0.3818
4506	150	LDR Unbiased	29.015	28.711	-0.3041
4507	150	LDR Unbiased	28.403	28.272	-0.1312
4508	150	LDR Unbiased	28.788	28.612	-0.1765
4509	150	LDR Unbiased	28.879	28.575	-0.3036

TID vs Post - Pre Exposure Delta

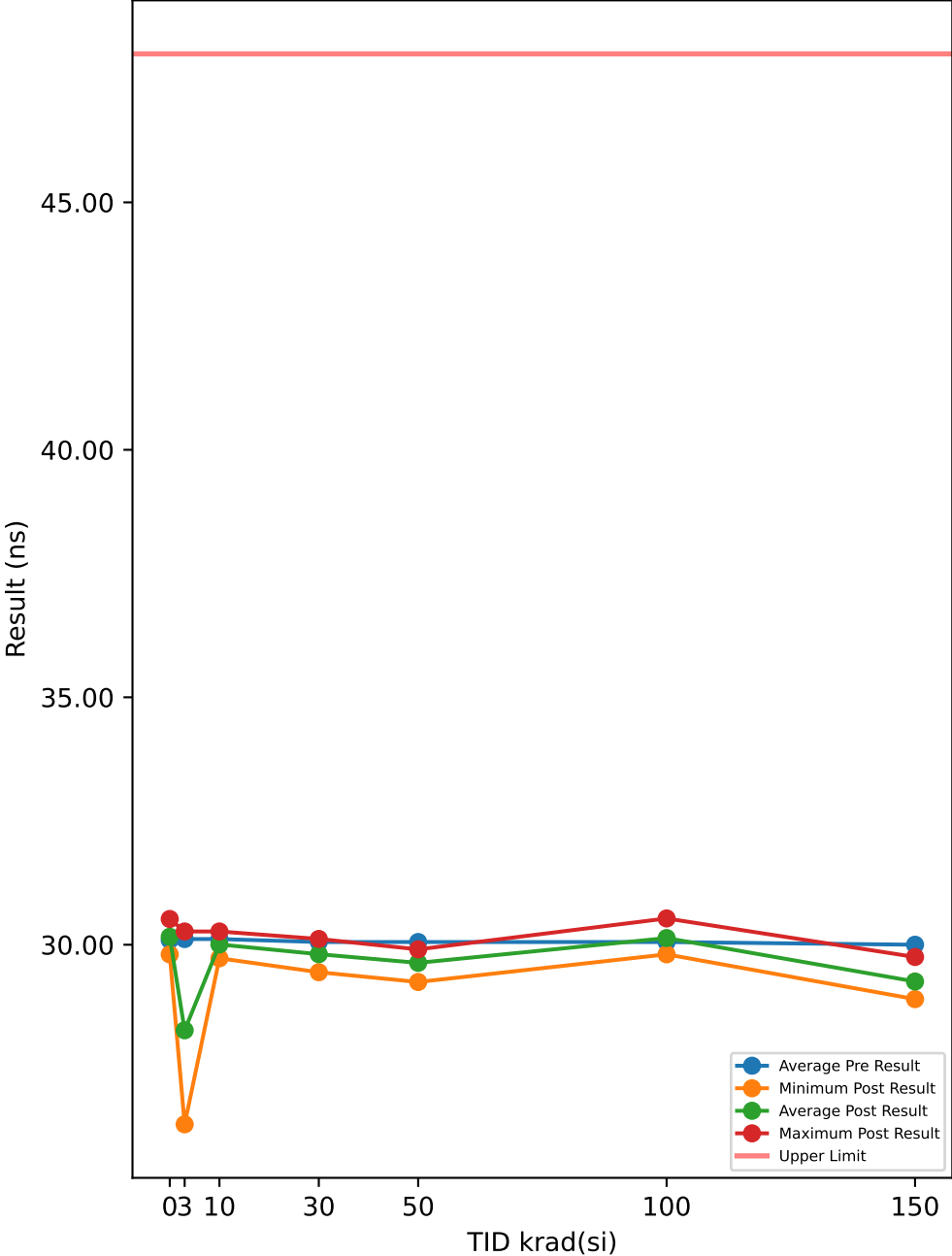


Test Statistics (ns)

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	28.668	28.894	29.12	0.32011	29.125	29.147	29.169	0.031113	0.0049	0.25325	0.5016	0.35122
3	28.261	28.878	29.323	0.29567	28.771	29.35	29.791	0.28944	0.4368	0.47263	0.5539	0.036859
10	28.261	28.878	29.323	0.29567	28.193	28.856	29.377	0.31818	-0.0685	-0.021122	0.054	0.040077
30	28.394	28.886	29.265	0.27041	28.451	28.887	29.217	0.27984	-0.153	0.00078	0.1037	0.087942
50	28.394	28.886	29.265	0.27041	28.374	28.802	29.123	0.27819	-0.2401	-0.08431	0.0746	0.090449
100	28.394	28.886	29.265	0.27041	28.319	28.815	29.215	0.27765	-0.2345	-0.07122	0.0623	0.11823
150	28.403	28.815	29.107	0.22673	28.272	28.555	28.725	0.16334	-0.4053	-0.26018	-0.1312	0.091435

Device Test: 112.0 Prop Delay LO Off PWM VIN_14V

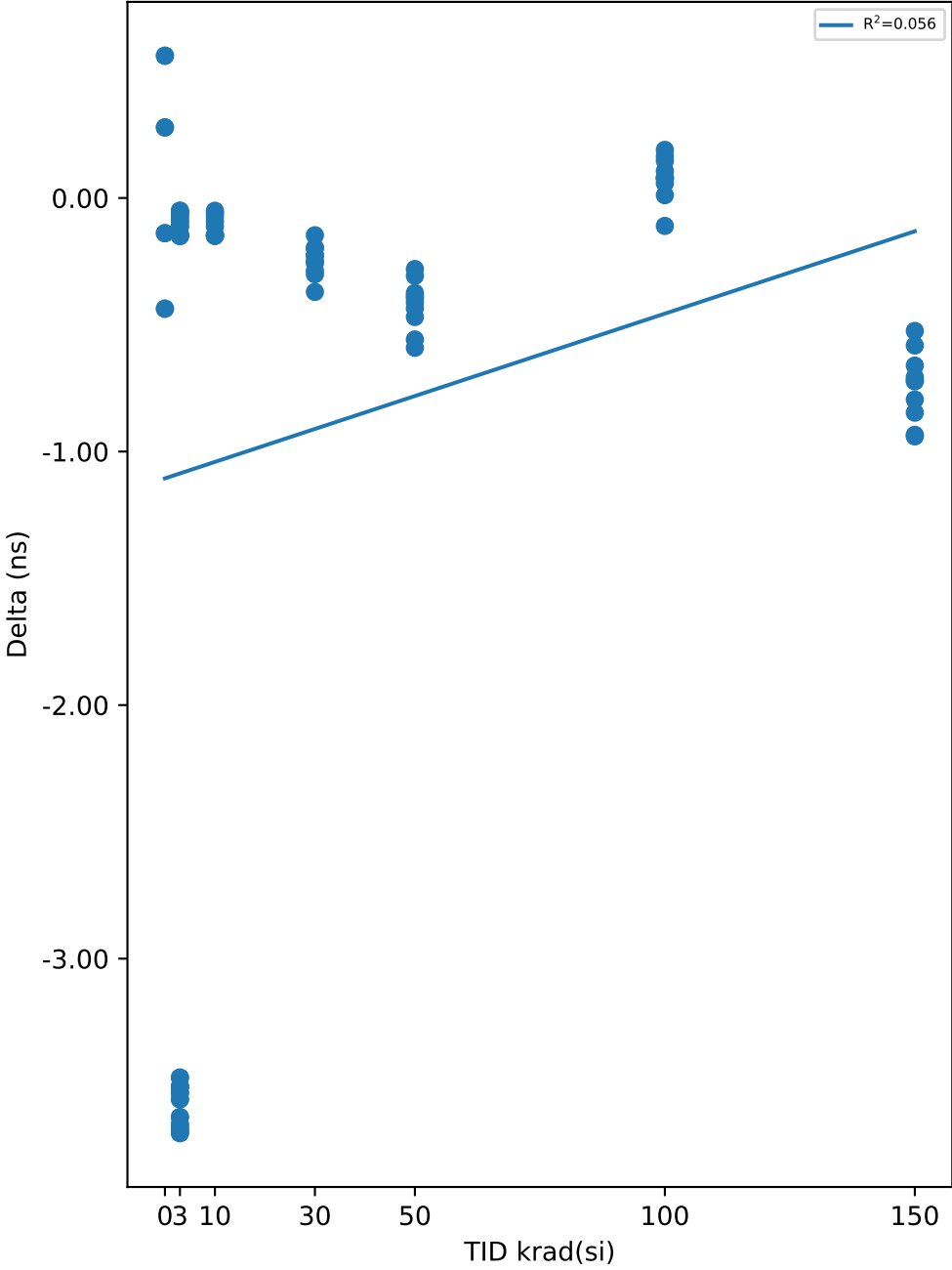
TID vs Result Stats



Test Results (Upper Limit = 48.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	30.242	30.52	0.2783
2	0	CORRELATION	29.948	30.509	0.561
259	3	LDR Biased	30.276	26.604	-3.6722
426	3	LDR Biased	30.331	26.776	-3.5546
427	3	LDR Biased	29.958	26.43	-3.5282
428	3	LDR Biased	30.098	26.473	-3.6249
429	3	LDR Unbiased	29.904	26.4	-3.5048
430	3	LDR Unbiased	30.142	26.672	-3.4691
431	3	LDR Unbiased	30.087	26.399	-3.6881
432	3	LDR Unbiased	29.877	26.371	-3.5052
433	3	LDR Unbiased	30.361	26.706	-3.6545
1259	10	LDR Biased	30.276	30.164	-0.1124
1426	10	LDR Biased	30.331	30.256	-0.0742
1427	10	LDR Biased	29.958	29.81	-0.148
1428	10	LDR Biased	30.098	30.048	-0.0504
1429	10	LDR Unbiased	29.904	29.758	-0.1461
1430	10	LDR Unbiased	30.142	30.081	-0.0603
1431	10	LDR Unbiased	30.087	29.94	-0.1476
1432	10	LDR Unbiased	29.877	29.727	-0.1499
1433	10	LDR Unbiased	30.361	30.268	-0.0929
2434	30	LDR Biased	30.169	29.868	-0.3008
2435	30	LDR Biased	29.642	29.445	-0.197
2436	30	LDR Biased	30.044	29.673	-0.3705
2437	30	LDR Biased	29.905	29.708	-0.197
2438	30	LDR Biased	30.004	29.717	-0.2869
2439	30	LDR Unbiased	30.342	30.117	-0.2248
2440	30	LDR Unbiased	30.181	29.924	-0.2573
2441	30	LDR Unbiased	30.242	29.993	-0.2486
2443	30	LDR Unbiased	29.948	29.801	-0.147
2444	30	LDR Unbiased	30.071	29.843	-0.2286
3434	50	LDR Biased	30.169	29.578	-0.5909
3435	50	LDR Biased	29.642	29.247	-0.3945
3436	50	LDR Biased	30.044	29.575	-0.4693
3437	50	LDR Biased	29.905	29.598	-0.3072
3438	50	LDR Biased	30.004	29.724	-0.2803
3439	50	LDR Unbiased	30.342	29.906	-0.4353
3440	50	LDR Unbiased	30.181	29.623	-0.5582
3441	50	LDR Unbiased	30.242	29.856	-0.3863
3443	50	LDR Unbiased	29.948	29.536	-0.4123
3444	50	LDR Unbiased	30.071	29.697	-0.3745
4434	100	LDR Biased	30.169	30.058	-0.1102
4435	100	LDR Biased	29.642	29.806	0.1644
4436	100	LDR Biased	30.044	30.102	0.0578
4437	100	LDR Biased	29.905	29.983	0.0781
4438	100	LDR Biased	30.004	30.081	0.0773
4439	100	LDR Unbiased	30.342	30.531	0.1896
4440	100	LDR Unbiased	30.181	30.192	0.0111
4441	100	LDR Unbiased	30.242	30.322	0.0803
4443	100	LDR Unbiased	29.948	30.055	0.1063
4444	100	LDR Unbiased	30.071	30.217	0.1461
4500	150	LDR Biased	29.696	28.901	-0.795
4501	150	LDR Biased	30.471	29.752	-0.7192
4502	150	LDR Biased	30.177	29.595	-0.5817
4503	150	LDR Biased	29.949	29.424	-0.5245
4504	150	LDR Biased	29.642	28.936	-0.7065
4505	150	LDR Unbiased	29.938	29.092	-0.8466
4506	150	LDR Unbiased	29.988	29.265	-0.7231
4507	150	LDR Unbiased	29.57	28.909	-0.6609
4508	150	LDR Unbiased	30.287	29.353	-0.9341
4509	150	LDR Unbiased	30.285	29.345	-0.9403

TID vs Post - Pre Exposure Delta

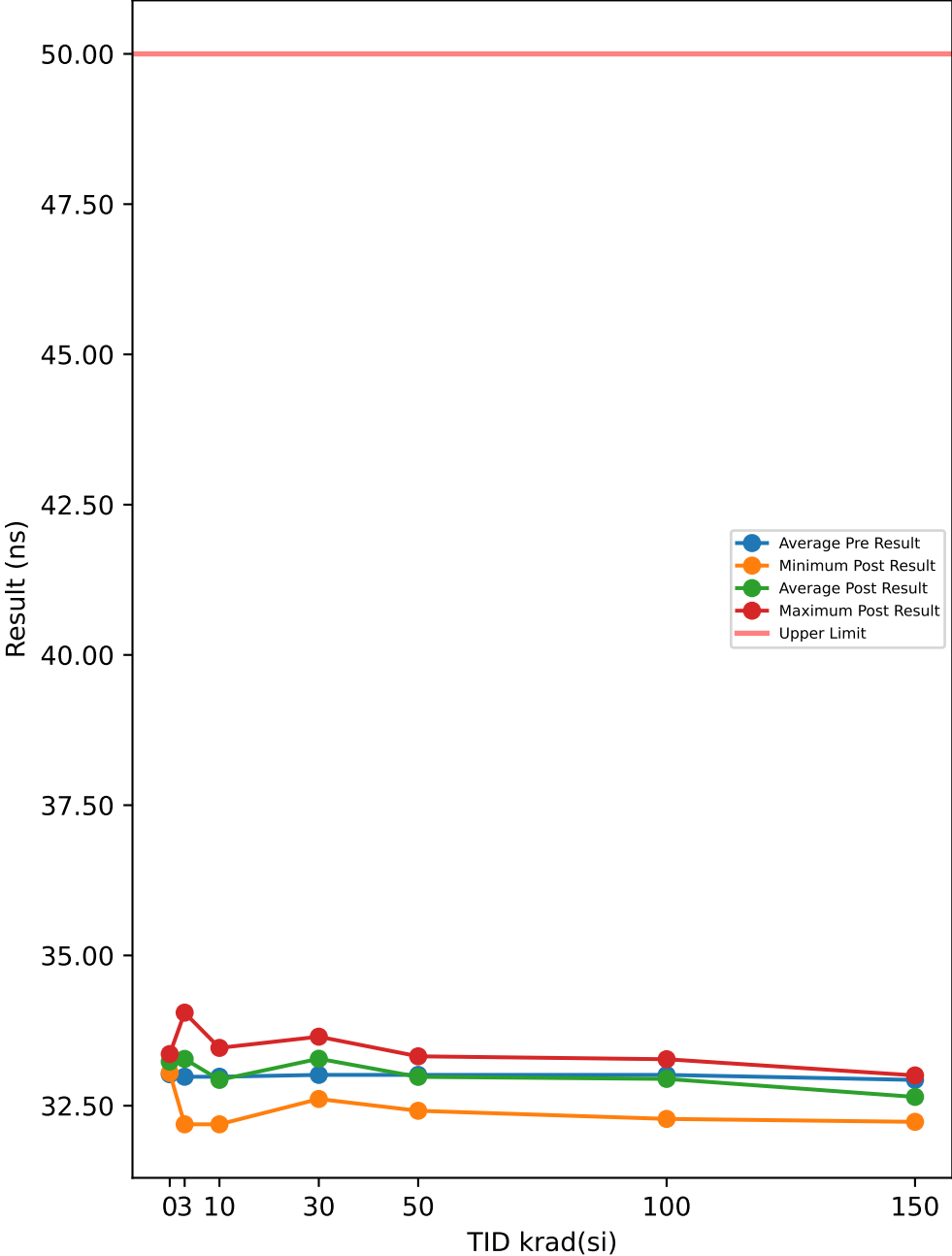


Test Statistics (ns)

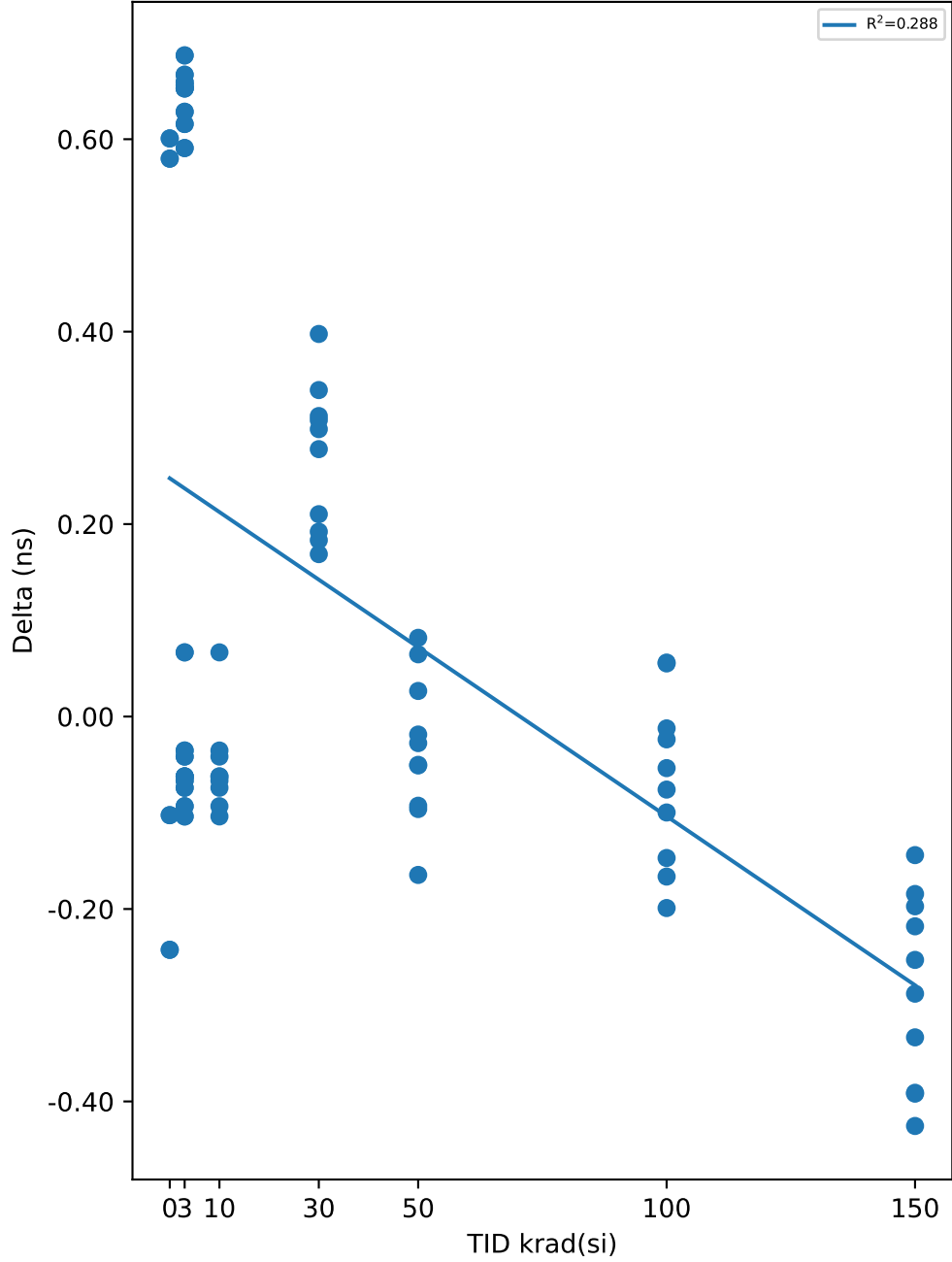
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	29.948	30.095	30.242	0.20768	30.509	30.515	30.52	0.0077782	0.2783	0.41965	0.561	0.1999
3	29.877	30.115	30.361	0.18044	26.371	26.537	26.776	0.15387	-3.6881	-3.578	-3.4691	0.082608
10	29.877	30.115	30.361	0.18044	29.727	30.006	30.268	0.20788	-0.1499	-0.10909	-0.0504	0.040847
30	29.642	30.055	30.342	0.19826	29.445	29.809	30.117	0.18752	-0.3705	-0.24585	-0.147	0.062951
50	29.642	30.055	30.342	0.19826	29.247	29.634	29.906	0.18339	-0.5909	-0.42088	-0.2803	0.098386
100	29.642	30.055	30.342	0.19826	29.806	30.135	30.531	0.19715	-0.1102	0.08008	0.1896	0.08539
150	29.57	30	30.471	0.30358	28.901	29.257	29.752	0.29496	-0.9403	-0.74319	-0.5245	0.13811

Device Test: 112.1 Prop Delay HO Off PWM VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 50.0 (ns))

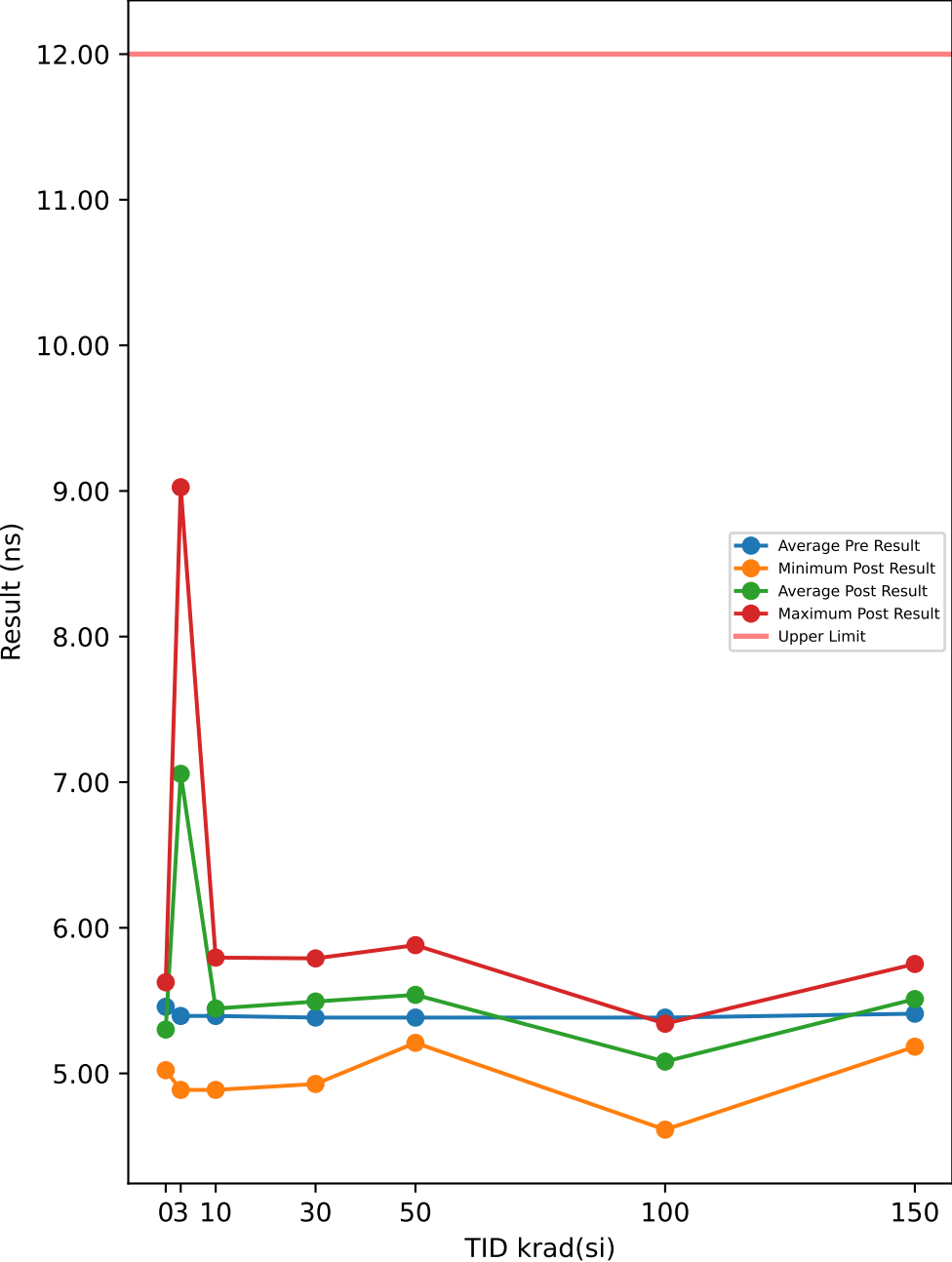
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	33.289	33.187	-0.1025
2	0	CORRELATION	32.759	33.359	0.6008
259	3	LDR Biased	33.395	34.048	0.6531
426	3	LDR Biased	33.276	33.943	0.667
427	3	LDR Biased	32.294	32.953	0.6594
428	3	LDR Biased	32.856	33.543	0.6871
429	3	LDR Unbiased	33.138	33.729	0.5908
430	3	LDR Unbiased	32.913	33.566	0.6527
431	3	LDR Unbiased	32.854	33.47	0.6158
432	3	LDR Unbiased	33.157	33.813	0.6562
433	3	LDR Unbiased	32.953	33.582	0.6285
1259	10	LDR Biased	33.395	33.462	0.0667
1426	10	LDR Biased	33.276	33.214	-0.0622
1427	10	LDR Biased	32.294	32.19	-0.1038
1428	10	LDR Biased	32.856	32.821	-0.0353
1429	10	LDR Unbiased	33.138	33.045	-0.0932
1430	10	LDR Unbiased	32.913	32.851	-0.0623
1431	10	LDR Unbiased	32.854	32.788	-0.0665
1432	10	LDR Unbiased	33.157	33.083	-0.074
1433	10	LDR Unbiased	32.953	32.912	-0.0416
2434	30	LDR Biased	33.34	33.648	0.3081
2435	30	LDR Biased	32.334	32.612	0.2779
2436	30	LDR Biased	33.349	33.532	0.1833
2437	30	LDR Biased	32.804	32.973	0.1688
2438	30	LDR Biased	32.926	33.118	0.1921
2439	30	LDR Unbiased	33.221	33.533	0.3123
2440	30	LDR Unbiased	32.869	33.267	0.3976
2441	30	LDR Unbiased	33.289	33.499	0.2103
2443	30	LDR Unbiased	32.759	33.098	0.3393
2444	30	LDR Unbiased	33.235	33.534	0.2987
3434	50	LDR Biased	33.34	33.248	-0.0927
3435	50	LDR Biased	32.334	32.416	0.0818
3436	50	LDR Biased	33.349	33.322	-0.0276
3437	50	LDR Biased	32.804	32.754	-0.0508
3438	50	LDR Biased	32.926	32.907	-0.0187
3439	50	LDR Unbiased	33.221	33.171	-0.0502
3440	50	LDR Unbiased	32.869	32.773	-0.0961
3441	50	LDR Unbiased	33.289	33.124	-0.1646
3443	50	LDR Unbiased	32.759	32.823	0.0647
3444	50	LDR Unbiased	33.235	33.262	0.0266
4434	100	LDR Biased	33.34	33.141	-0.199
4435	100	LDR Biased	32.334	32.28	-0.0536
4436	100	LDR Biased	33.349	33.273	-0.0759
4437	100	LDR Biased	32.804	32.638	-0.1663
4438	100	LDR Biased	32.926	32.779	-0.147
4439	100	LDR Unbiased	33.221	33.209	-0.0123
4440	100	LDR Unbiased	32.869	32.924	0.0552
4441	100	LDR Unbiased	33.289	33.189	-0.0997
4443	100	LDR Unbiased	32.759	32.815	0.0561
4444	100	LDR Unbiased	33.235	33.212	-0.0237
4500	150	LDR Biased	32.853	32.669	-0.1844
4501	150	LDR Biased	33.395	33.004	-0.391
4502	150	LDR Biased	32.965	32.632	-0.3334
4503	150	LDR Biased	32.778	32.49	-0.288
4504	150	LDR Biased	32.545	32.292	-0.2529
4505	150	LDR Unbiased	33.201	32.776	-0.4255
4506	150	LDR Unbiased	33.048	32.83	-0.218
4507	150	LDR Unbiased	32.375	32.231	-0.144
4508	150	LDR Unbiased	32.998	32.8	-0.1972
4509	150	LDR Unbiased	33.131	32.739	-0.3919

Test Statistics (ns)

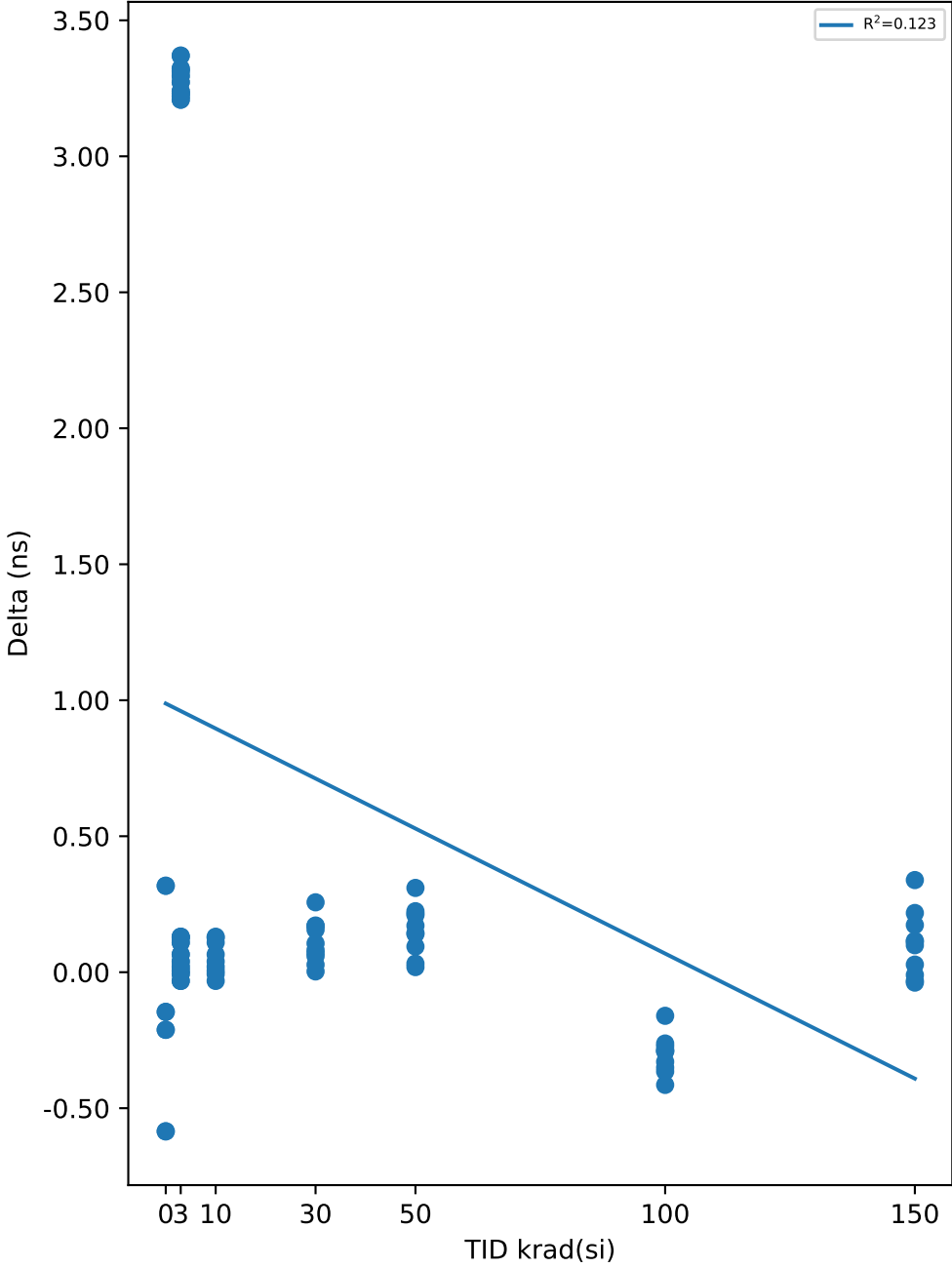
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	32.759	33.024	33.289	0.37505	33.187	33.273	33.359	0.12226	-0.1025	0.24915	0.6008	0.49731
3	32.294	32.982	33.395	0.32081	32.953	33.628	34.048	0.31892	0.5908	0.64562	0.6871	0.029097
10	32.294	32.982	33.395	0.32081	32.19	32.929	33.462	0.35111	-0.1038	-0.052467	0.0667	0.049699
30	32.334	33.013	33.349	0.33115	32.612	33.282	33.648	0.32943	0.1688	0.26884	0.3976	0.076441
50	32.334	33.013	33.349	0.33115	32.416	32.98	33.322	0.29206	-0.1646	-0.03276	0.0818	0.076002
100	32.334	33.013	33.349	0.33115	32.28	32.946	33.273	0.32109	-0.199	-0.06662	0.0561	0.088169
150	32.375	32.929	33.395	0.30448	32.231	32.646	33.004	0.24341	-0.4255	-0.28263	-0.144	0.098843

Device Test: 112.10 Delay Match LO On HO Off IIM Interlock VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

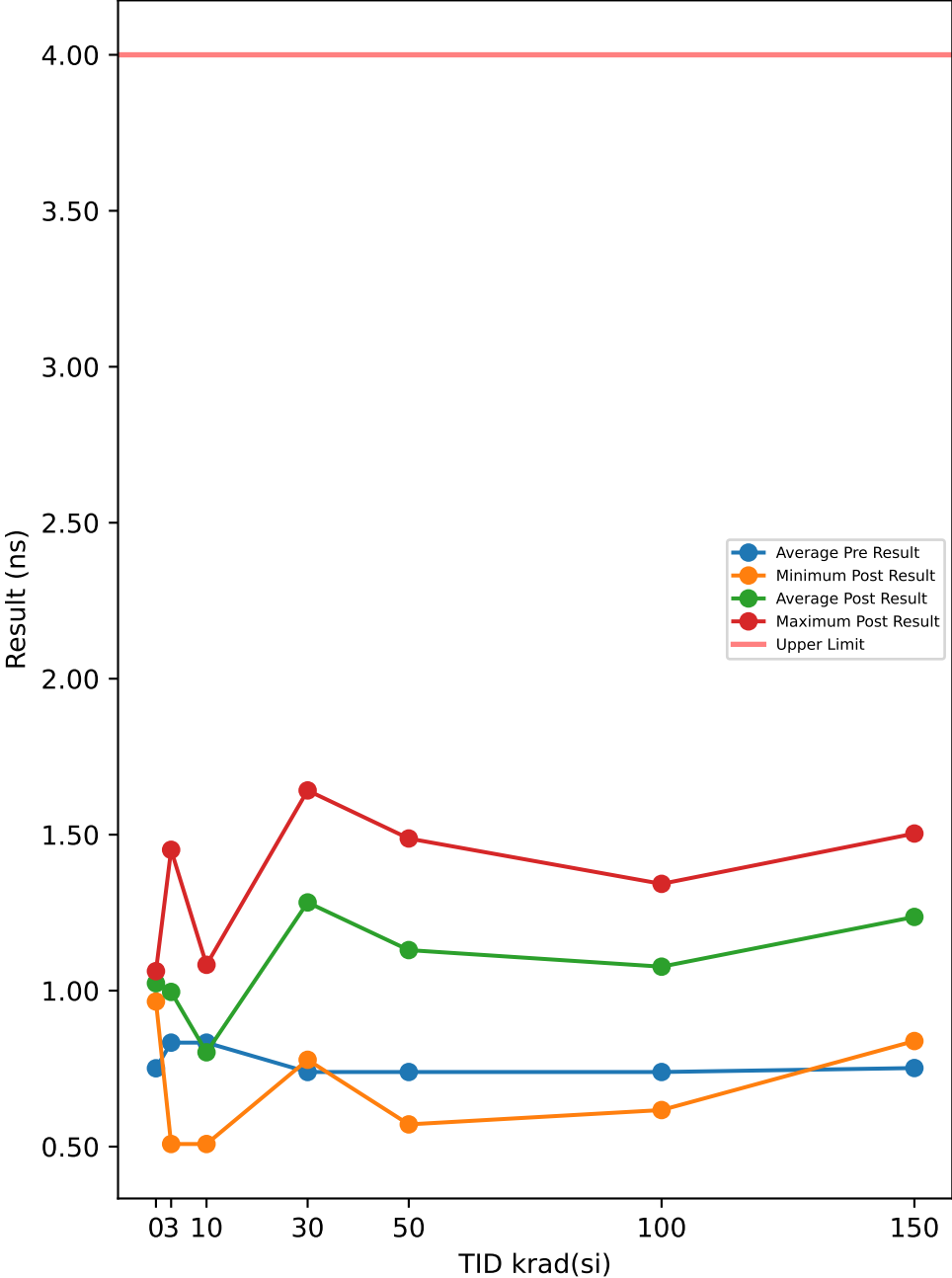
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.6071	5.022	-0.5851
2	0	CORRELATION	5.3076	5.1617	-0.1459
259	3	LDR Biased	5.6861	8.9585	3.2724
426	3	LDR Biased	5.4403	8.763	3.3227
427	3	LDR Biased	4.7561	8.0516	3.2955
428	3	LDR Biased	5.44	8.6714	3.2314
429	3	LDR Unbiased	5.7859	9.0255	3.2396
430	3	LDR Unbiased	5.3355	8.5567	3.2212
431	3	LDR Unbiased	5.0855	8.4556	3.3701
432	3	LDR Unbiased	5.7162	8.9245	3.2083
433	3	LDR Unbiased	5.305	8.6184	3.3134
1259	10	LDR Biased	5.6861	5.7953	0.1092
1426	10	LDR Biased	5.4403	5.4605	0.0202
1427	10	LDR Biased	4.7561	4.8866	0.1305
1428	10	LDR Biased	5.44	5.4451	0.0051
1429	10	LDR Unbiased	5.7859	5.7792	-0.0067
1430	10	LDR Unbiased	5.3355	5.3035	-0.032
1431	10	LDR Unbiased	5.0855	5.2128	0.1273
1432	10	LDR Unbiased	5.7162	5.7555	0.0393
1433	10	LDR Unbiased	5.305	5.3703	0.0653
2434	30	LDR Biased	5.6195	5.7898	0.1703
2435	30	LDR Biased	4.9	4.9274	0.0274
2436	30	LDR Biased	5.6705	5.7764	0.1059
2437	30	LDR Biased	5.248	5.3071	0.0591
2438	30	LDR Biased	5.4736	5.4765	0.0029
2439	30	LDR Unbiased	5.3648	5.5213	0.1565
2440	30	LDR Unbiased	5.1477	5.3193	0.1716
2441	30	LDR Unbiased	5.6071	5.6887	0.0816
2443	30	LDR Unbiased	5.3076	5.378	0.0704
2444	30	LDR Unbiased	5.4941	5.7511	0.257
3434	50	LDR Biased	5.6195	5.7906	0.1711
3435	50	LDR Biased	4.9	5.2099	0.3099
3436	50	LDR Biased	5.6705	5.8807	0.2102
3437	50	LDR Biased	5.248	5.3919	0.1439
3438	50	LDR Biased	5.4736	5.4924	0.0188
3439	50	LDR Unbiased	5.3648	5.3965	0.0317
3440	50	LDR Unbiased	5.1477	5.2885	0.1408
3441	50	LDR Unbiased	5.6071	5.7015	0.0944
3443	50	LDR Unbiased	5.3076	5.5319	0.2243
3444	50	LDR Unbiased	5.4941	5.7096	0.2155
4434	100	LDR Biased	5.6195	5.2687	-0.3508
4435	100	LDR Biased	4.9	4.6134	-0.2866
4436	100	LDR Biased	5.6705	5.3412	-0.3293
4437	100	LDR Biased	5.248	4.8829	-0.3651
4438	100	LDR Biased	5.4736	5.0592	-0.4144
4439	100	LDR Unbiased	5.3648	5.0732	-0.2916
4440	100	LDR Unbiased	5.1477	4.9874	-0.1603
4441	100	LDR Unbiased	5.6071	5.3179	-0.2892
4443	100	LDR Unbiased	5.3076	5.0348	-0.2728
4444	100	LDR Unbiased	5.4941	5.2319	-0.2622
4500	150	LDR Biased	5.6209	5.7364	0.1155
4501	150	LDR Biased	5.5749	5.5432	-0.0317
4502	150	LDR Biased	5.2218	5.1836	-0.0382
4503	150	LDR Biased	5.2877	5.4001	0.1124
4504	150	LDR Biased	5.2026	5.3018	0.0992
4505	150	LDR Unbiased	5.6275	5.6173	-0.0102
4506	150	LDR Unbiased	5.5269	5.5549	0.028
4507	150	LDR Unbiased	5.1791	5.3968	0.2177
4508	150	LDR Unbiased	5.4126	5.7514	0.3388
4509	150	LDR Unbiased	5.4455	5.6189	0.1734

Test Statistics (ns)

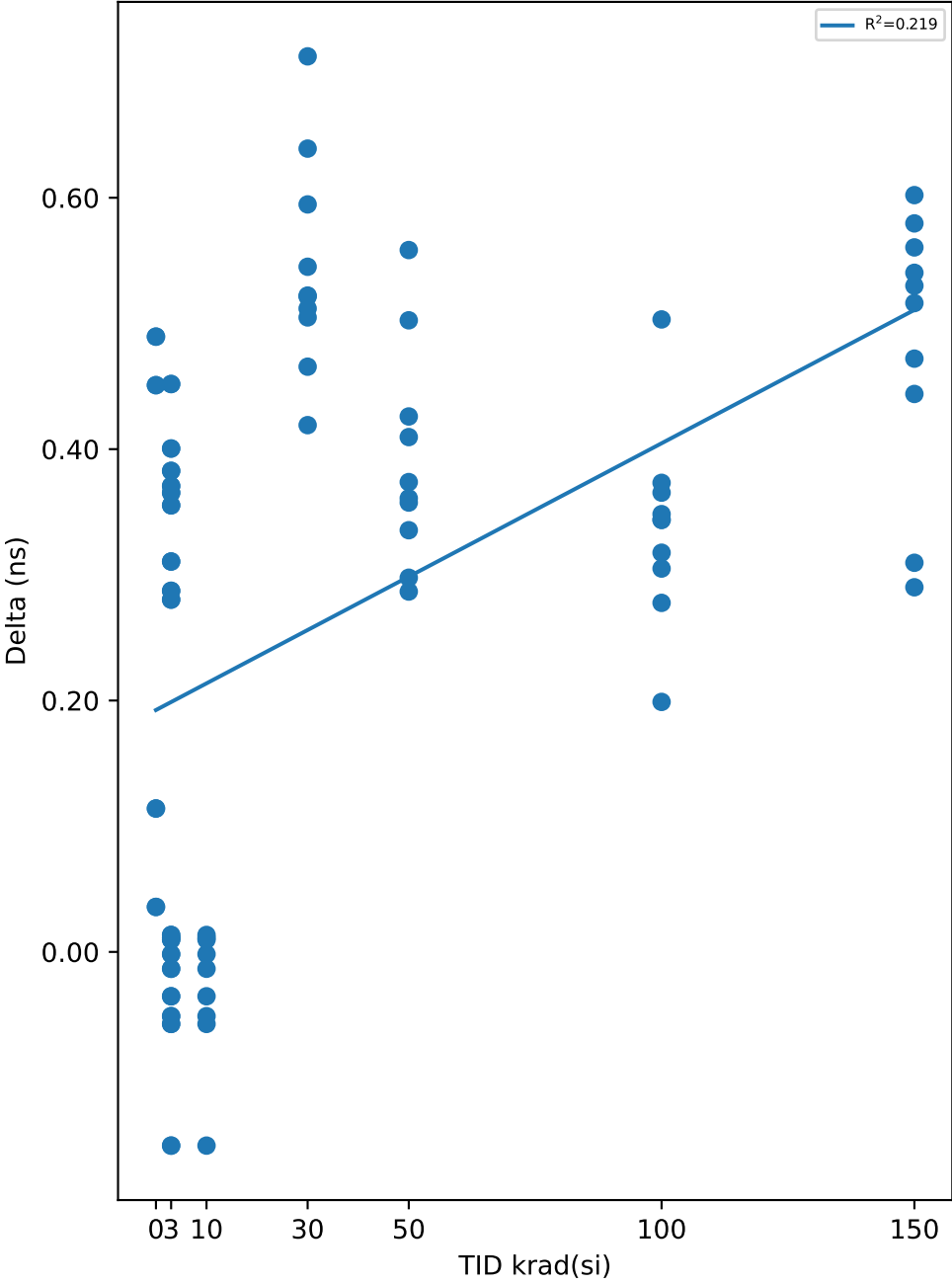
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.3076	5.4573	5.6071	0.21178	5.022	5.0918	5.1617	0.098783	-0.5851	-0.3655	-0.1459	0.31056
3	4.7561	5.3945	5.7859	0.32795	8.0516	8.6695	9.0255	0.30144	3.2083	3.275	3.3701	0.05445
10	4.7561	5.3945	5.7859	0.32795	4.8866	5.4454	5.7953	0.3005	-0.032	0.050911	0.1305	0.060358
30	4.9	5.3833	5.6705	0.24089	4.9274	5.4936	5.7898	0.2733	0.0029	0.11027	0.257	0.077801
50	4.9	5.3833	5.6705	0.24089	5.2099	5.5394	5.8807	0.2238	0.0188	0.15606	0.3099	0.090371
100	4.9	5.3833	5.6705	0.24089	4.6134	5.0811	5.3412	0.22389	-0.4144	-0.30223	-0.1603	0.068933
150	5.1791	5.41	5.6275	0.17658	5.1836	5.5104	5.7514	0.18583	-0.0382	0.10049	0.3388	0.12038

Device Test: 112.11 Delay Match LO Off HO On IIM Interlock VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



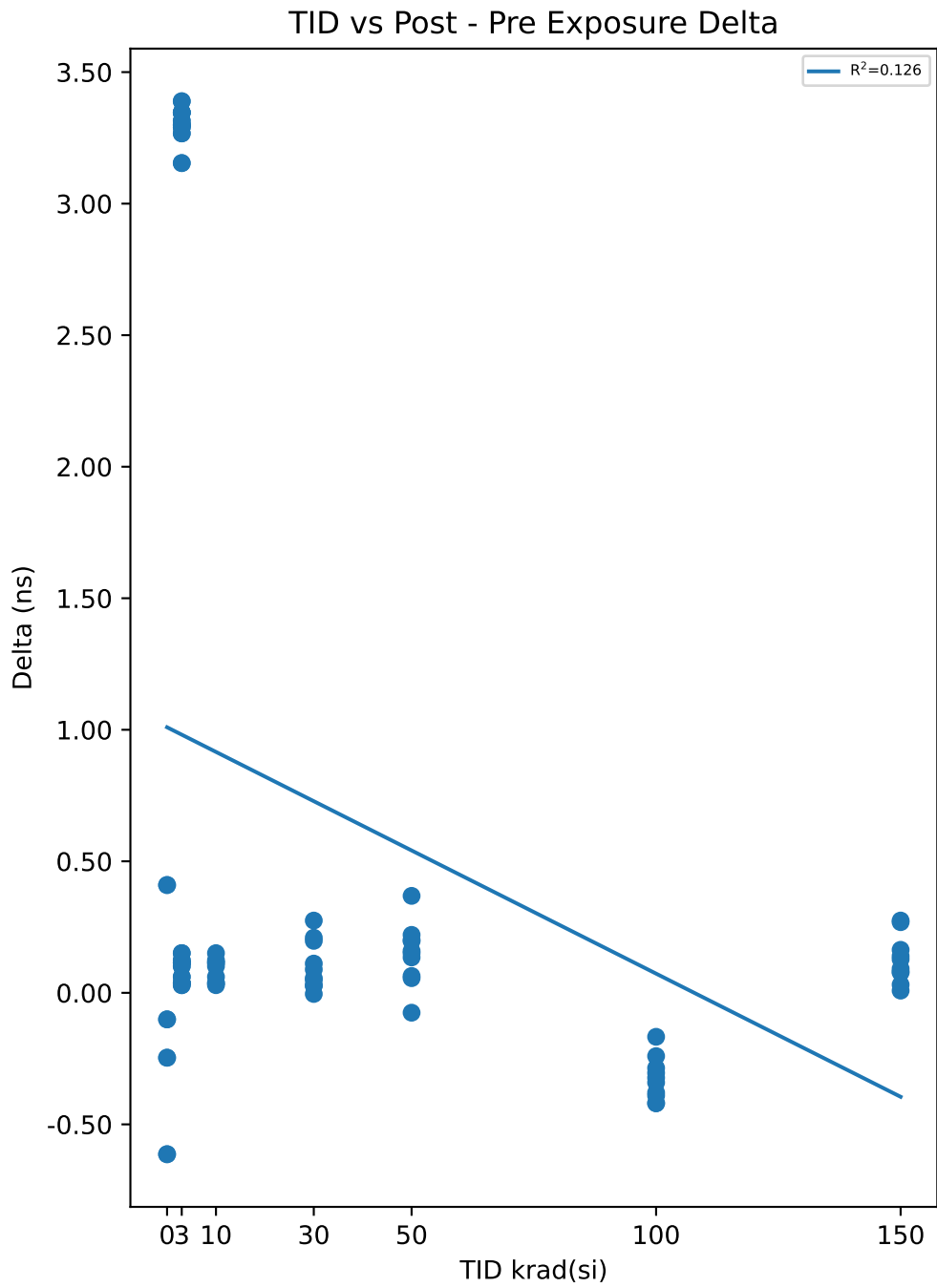
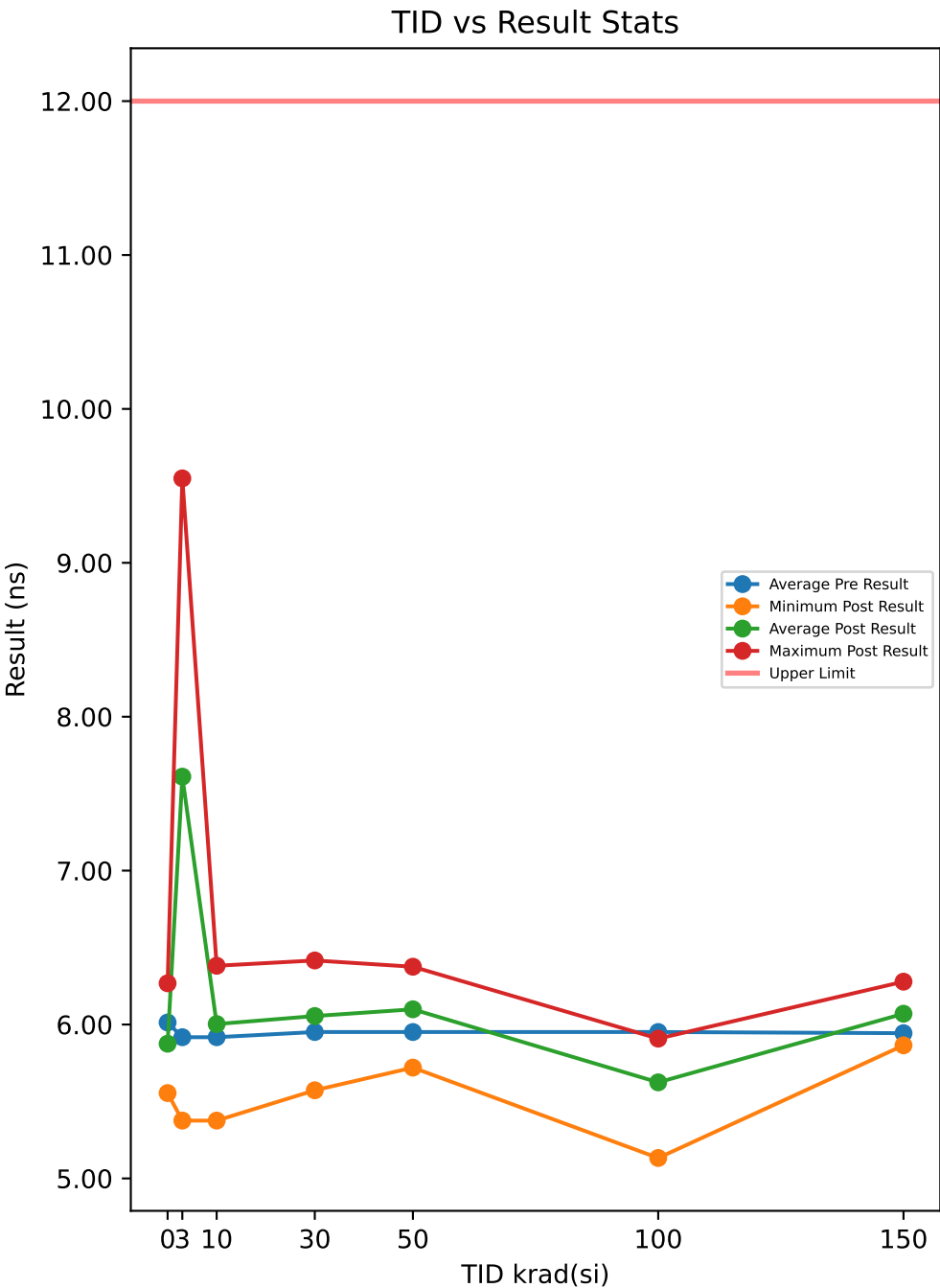
Test Results (Upper Limit = 4.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9293	0.9651	0.0358
2	0	CORRELATION	0.5729	1.0238	0.4509
259	3	LDR Biased	1.0183	1.389	0.3707
426	3	LDR Biased	0.7169	1.0275	0.3106
427	3	LDR Biased	1.0016	1.3669	0.3653
428	3	LDR Biased	0.7337	1.1164	0.3827
429	3	LDR Unbiased	0.6639	1.1157	0.4518
430	3	LDR Unbiased	0.8646	1.1519	0.2873
431	3	LDR Unbiased	0.8609	1.1412	0.2803
432	3	LDR Unbiased	0.5436	0.9441	0.4005
433	3	LDR Unbiased	1.0962	1.4515	0.3553
1259	10	LDR Biased	1.0183	0.961	-0.0573
1426	10	LDR Biased	0.7169	0.7304	0.0135
1427	10	LDR Biased	1.0016	0.9505	-0.0511
1428	10	LDR Biased	0.7337	0.7319	-0.0018
1429	10	LDR Unbiased	0.6639	0.6751	0.0112
1430	10	LDR Unbiased	0.8646	0.8743	0.0097
1431	10	LDR Unbiased	0.8609	0.7068	-0.1541
1432	10	LDR Unbiased	0.5436	0.5083	-0.0353
1433	10	LDR Unbiased	1.0962	1.0828	-0.0134
2434	30	LDR Biased	0.4698	0.8889	0.4191
2435	30	LDR Biased	0.9209	1.466	0.5451
2436	30	LDR Biased	0.2735	0.7783	0.5048
2437	30	LDR Biased	0.9179	1.4393	0.5214
2438	30	LDR Biased	0.8391	1.4338	0.5947
2439	30	LDR Unbiased	0.8875	1.3531	0.4656
2440	30	LDR Unbiased	1.0543	1.5765	0.5222
2441	30	LDR Unbiased	0.9293	1.6418	0.7125
2443	30	LDR Unbiased	0.5729	1.212	0.6391
2444	30	LDR Unbiased	0.526	1.0379	0.5119
3434	50	LDR Biased	0.4698	0.8273	0.3575
3435	50	LDR Biased	0.9209	1.2076	0.2867
3436	50	LDR Biased	0.2735	0.5712	0.2977
3437	50	LDR Biased	0.9179	1.2917	0.3738
3438	50	LDR Biased	0.8391	1.3416	0.5025
3439	50	LDR Unbiased	0.8875	1.2484	0.3609
3440	50	LDR Unbiased	1.0543	1.3898	0.3355
3441	50	LDR Unbiased	0.9293	1.4877	0.5584
3443	50	LDR Unbiased	0.5729	0.9989	0.426
3444	50	LDR Unbiased	0.526	0.9356	0.4096
4434	100	LDR Biased	0.4698	0.7475	0.2777
4435	100	LDR Biased	0.9209	1.2647	0.3438
4436	100	LDR Biased	0.2735	0.6172	0.3437
4437	100	LDR Biased	0.9179	1.2662	0.3483
4438	100	LDR Biased	0.8391	1.3423	0.5032
4439	100	LDR Unbiased	0.8875	1.2051	0.3176
4440	100	LDR Unbiased	1.0543	1.2532	0.1989
4441	100	LDR Unbiased	0.9293	1.3025	0.3732
4443	100	LDR Unbiased	0.5729	0.8779	0.305
4444	100	LDR Unbiased	0.526	0.8914	0.3654
4500	150	LDR Biased	0.3222	0.8384	0.5162
4501	150	LDR Biased	0.9892	1.4612	0.472
4502	150	LDR Biased	0.869	1.4295	0.5605
4503	150	LDR Biased	0.8302	1.4098	0.5796
4504	150	LDR Biased	0.5483	1.1504	0.6021
4505	150	LDR Unbiased	0.4493	0.9896	0.5403
4506	150	LDR Unbiased	0.6035	1.1335	0.53
4507	150	LDR Unbiased	0.8038	1.2477	0.4439
4508	150	LDR Unbiased	1.194	1.5036	0.3096
4509	150	LDR Unbiased	0.909	1.1991	0.2901

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	0.5729	0.7511	0.9293	0.25201	0.9651	0.99445	1.0238	0.041507	0.0358	0.24335	0.4509	0.29352
3	0.5436	0.8333	1.0962	0.18354	0.9441	1.1894	1.4515	0.17354	0.2803	0.35606	0.4518	0.055549
10	0.5436	0.8333	1.0962	0.18354	0.5083	0.80234	1.0828	0.17779	-0.1541	-0.030956	0.0135	0.053441
30	0.2735	0.73912	1.0543	0.2571	0.7783	1.2828	1.6418	0.29356	0.4191	0.54364	0.7125	0.085184
50	0.2735	0.73912	1.0543	0.2571	0.5712	1.13	1.4877	0.28776	0.2867	0.39086	0.5584	0.08629
100	0.2735	0.73912	1.0543	0.2571	0.6172	1.0768	1.3423	0.26537	0.1989	0.33768	0.5032	0.077418
150	0.3222	0.75185	1.194	0.26639	0.8384	1.2363	1.5036	0.2181	0.2901	0.48443	0.6021	0.10802

Device Test: 112.12 Delay Match LO On HO Off IIM Interlock Disable VIN_14V



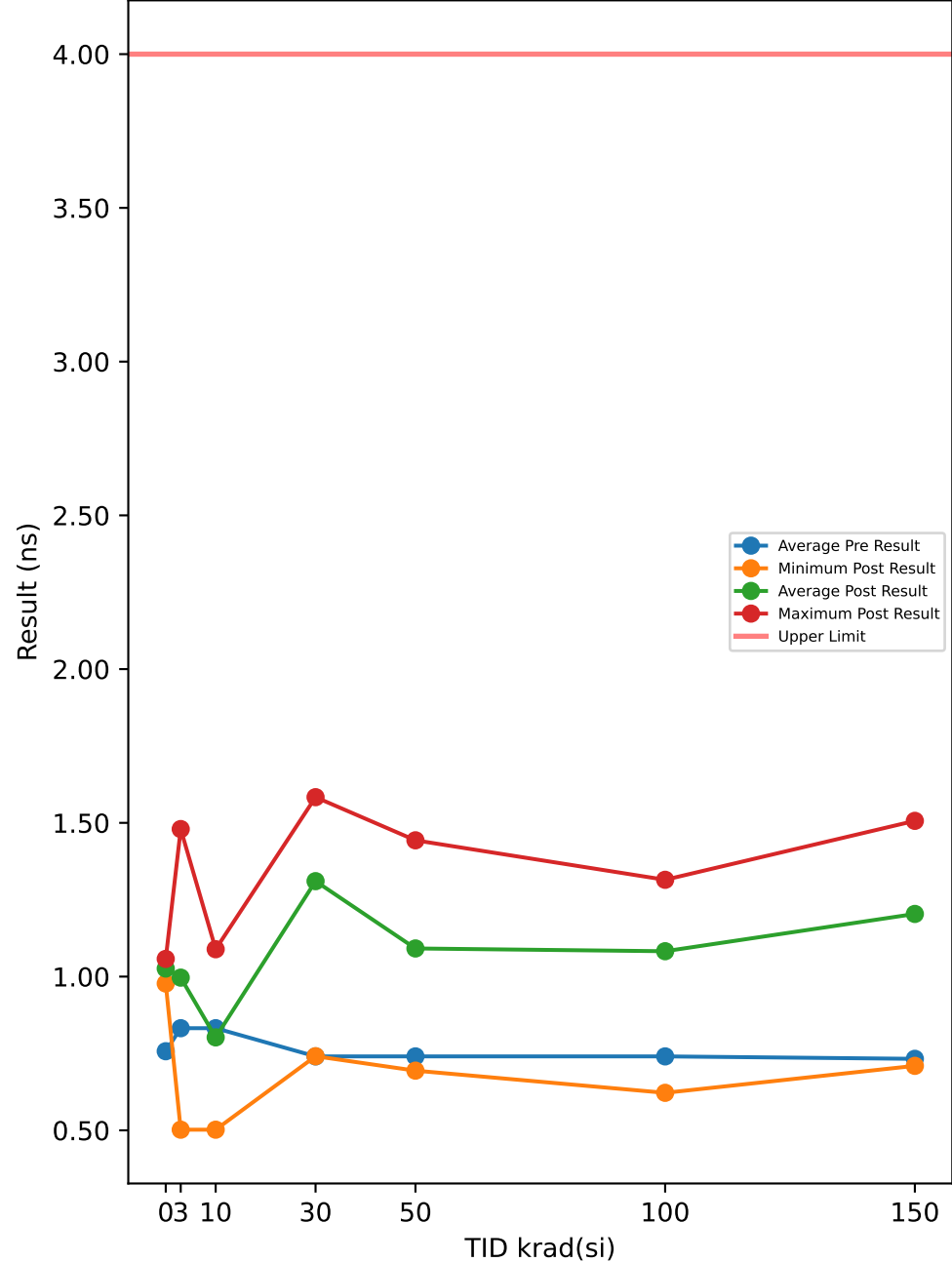
Test Results (Upper Limit = 12.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.1682	5.5547	-0.6135
2	0	CORRELATION	5.8582	5.7573	-0.1009
259	3	LDR Biased	6.2057	9.4957	3.29
426	3	LDR Biased	6.0174	9.3635	3.3461
427	3	LDR Biased	5.3391	8.639	3.2999
428	3	LDR Biased	5.9375	9.2524	3.3149
429	3	LDR Unbiased	6.2678	9.5348	3.267
430	3	LDR Unbiased	5.8345	8.9887	3.1542
431	3	LDR Unbiased	5.5849	8.9741	3.3892
432	3	LDR Unbiased	6.2505	9.5486	3.2981
433	3	LDR Unbiased	5.8204	9.1668	3.3464
1259	10	LDR Biased	6.2057	6.3296	0.1239
1426	10	LDR Biased	6.0174	6.0465	0.0291
1427	10	LDR Biased	5.3391	5.3758	0.0367
1428	10	LDR Biased	5.9375	6.0526	0.1151
1429	10	LDR Unbiased	6.2678	6.3818	0.114
1430	10	LDR Unbiased	5.8345	5.8954	0.0609
1431	10	LDR Unbiased	5.5849	5.7358	0.1509
1432	10	LDR Unbiased	6.2505	6.2879	0.0374
1433	10	LDR Unbiased	5.8204	5.9217	0.1013
2434	30	LDR Biased	6.1416	6.4163	0.2747
2435	30	LDR Biased	5.5235	5.5727	0.0492
2436	30	LDR Biased	6.2876	6.3988	0.1112
2437	30	LDR Biased	5.816	5.8717	0.0557
2438	30	LDR Biased	6.014	6.0403	0.0263
2439	30	LDR Unbiased	5.9718	6.0606	0.0888
2440	30	LDR Unbiased	5.7256	5.9232	0.1976
2441	30	LDR Unbiased	6.1682	6.1639	-0.0043
2443	30	LDR Unbiased	5.8582	5.8877	0.0295
2444	30	LDR Unbiased	6.0069	6.2164	0.2095
3434	50	LDR Biased	6.1416	6.3427	0.2011
3435	50	LDR Biased	5.5235	5.7201	0.1966
3436	50	LDR Biased	6.2876	6.3434	0.0558
3437	50	LDR Biased	5.816	5.9755	0.1595
3438	50	LDR Biased	6.014	5.9385	-0.0755
3439	50	LDR Unbiased	5.9718	6.0359	0.0641
3440	50	LDR Unbiased	5.7256	5.8602	0.1346
3441	50	LDR Unbiased	6.1682	6.319	0.1508
3443	50	LDR Unbiased	5.8582	6.0785	0.2203
3444	50	LDR Unbiased	6.0069	6.3755	0.3686
4434	100	LDR Biased	6.1416	5.8557	-0.2859
4435	100	LDR Biased	5.5235	5.1328	-0.3907
4436	100	LDR Biased	6.2876	5.9083	-0.3793
4437	100	LDR Biased	5.816	5.3965	-0.4195
4438	100	LDR Biased	6.014	5.5941	-0.4199
4439	100	LDR Unbiased	5.9718	5.6308	-0.341
4440	100	LDR Unbiased	5.7256	5.5584	-0.1672
4441	100	LDR Unbiased	6.1682	5.8454	-0.3228
4443	100	LDR Unbiased	5.8582	5.5539	-0.3043
4444	100	LDR Unbiased	6.0069	5.7663	-0.2406
4500	150	LDR Biased	6.151	6.2785	0.1275
4501	150	LDR Biased	6.1095	6.1179	0.0084
4502	150	LDR Biased	5.773	5.8648	0.0918
4503	150	LDR Biased	5.8369	5.8679	0.031
4504	150	LDR Biased	5.7573	5.9208	0.1635
4505	150	LDR Unbiased	6.1592	6.2397	0.0805
4506	150	LDR Unbiased	6.0263	6.1035	0.0772
4507	150	LDR Unbiased	5.7108	5.9794	0.2686
4508	150	LDR Unbiased	5.9754	6.2502	0.2748
4509	150	LDR Unbiased	5.9389	6.0783	0.1394

Test Statistics (ns)

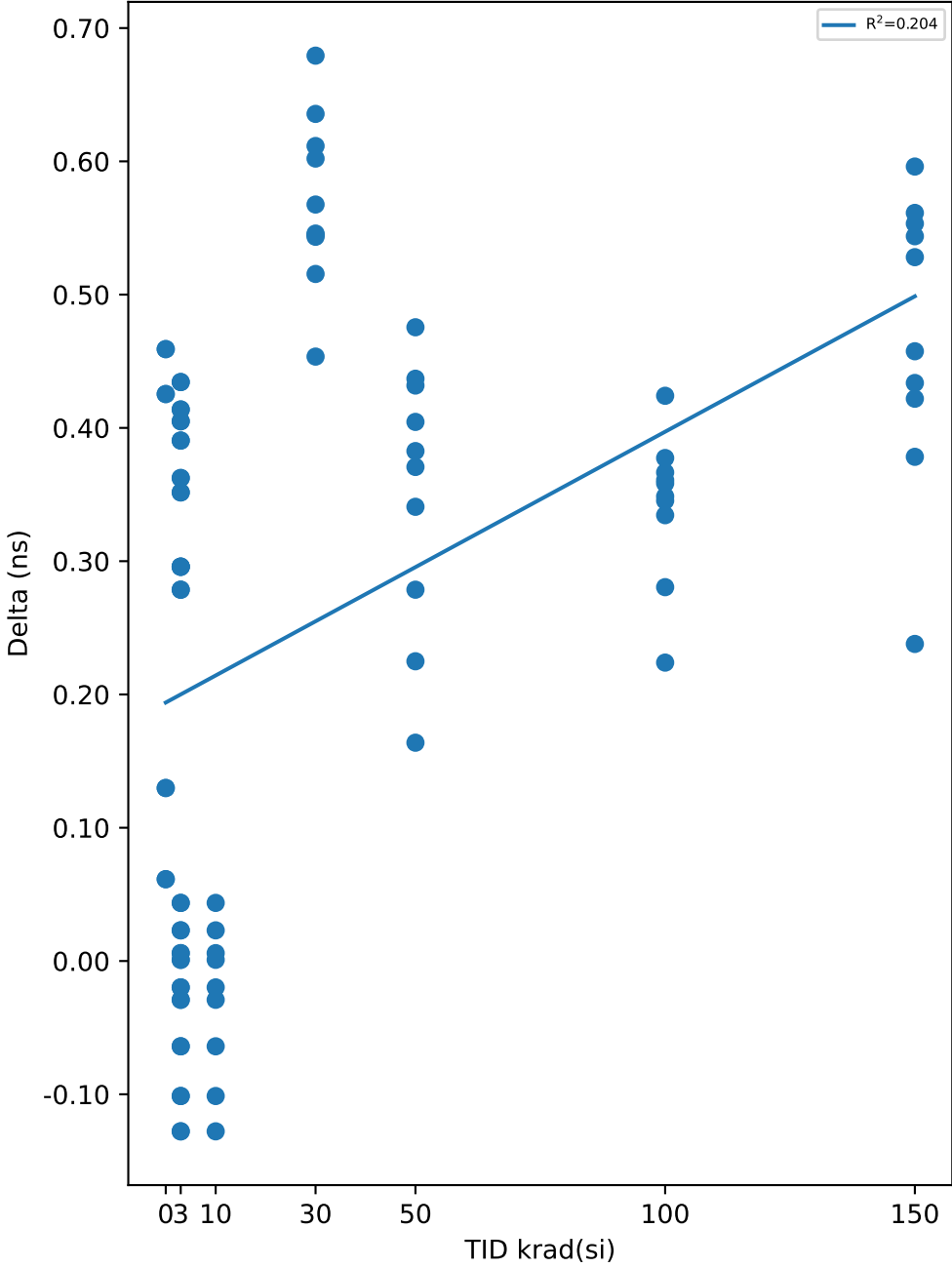
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.8582	6.0132	6.1682	0.2192	5.5547	5.656	5.7573	0.14326	-0.6135	-0.3572	-0.1009	0.36246
3	5.3391	5.9175	6.2678	0.31395	8.639	9.2182	9.5486	0.30803	3.1542	3.3006	3.3892	0.066052
10	5.3391	5.9175	6.2678	0.31395	5.3758	6.003	6.3818	0.31989	0.0291	0.085478	0.1509	0.04496
30	5.5235	5.9513	6.2876	0.22724	5.5727	6.0552	6.4163	0.25787	-0.0043	0.10382	0.2747	0.093074
50	5.5235	5.9513	6.2876	0.22724	5.7201	6.0989	6.3755	0.23333	-0.0755	0.14759	0.3686	0.1178
100	5.5235	5.9513	6.2876	0.22724	5.1328	5.6242	5.9083	0.23734	-0.4199	-0.32712	-0.1672	0.081239
150	5.7108	5.9438	6.1592	0.16809	5.8648	6.0701	6.2785	0.15693	0.0084	0.12627	0.2748	0.089777

Device Test: 112.13 Delay Match LO Off HO On IIM Interlock Disable VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



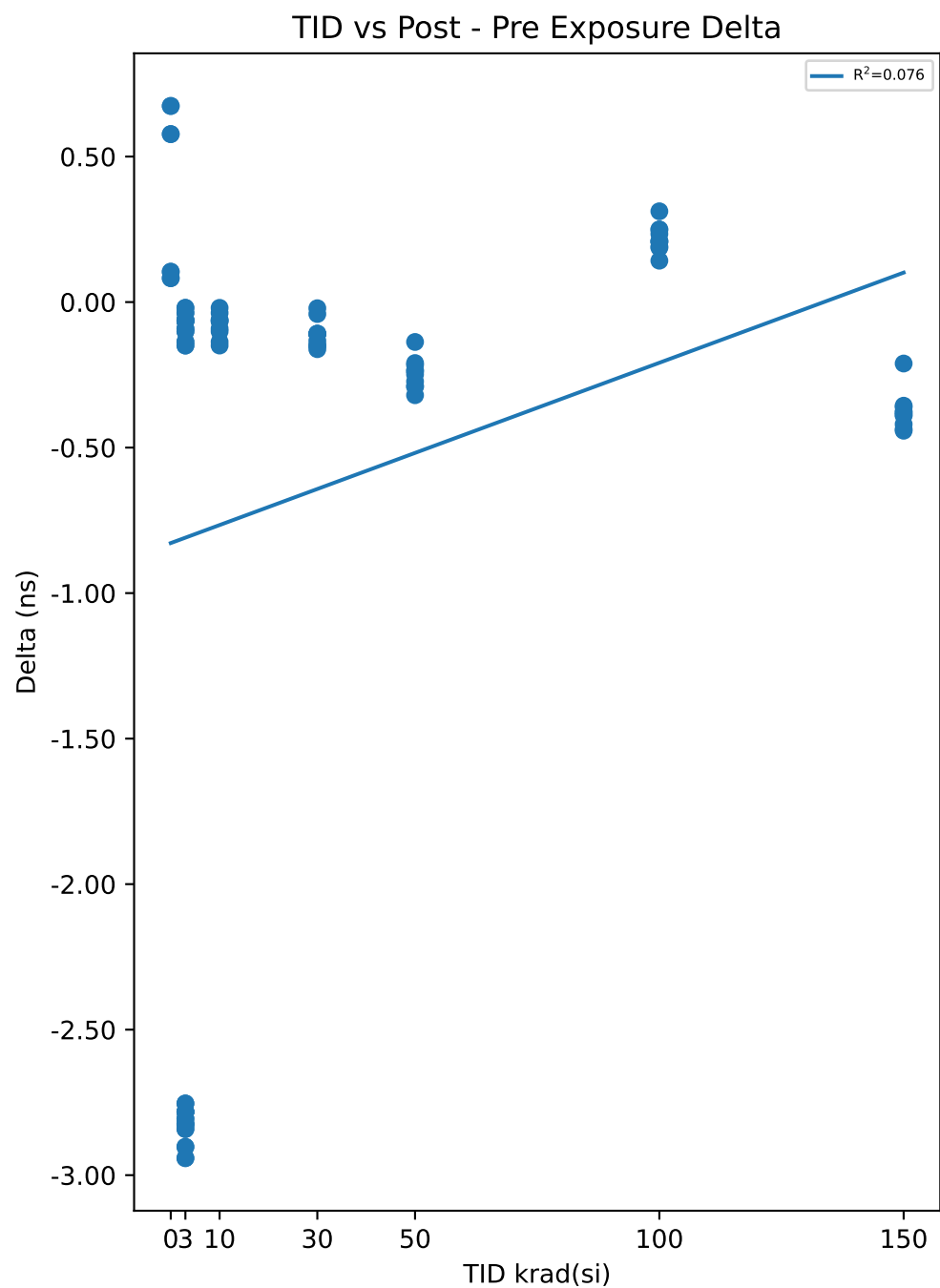
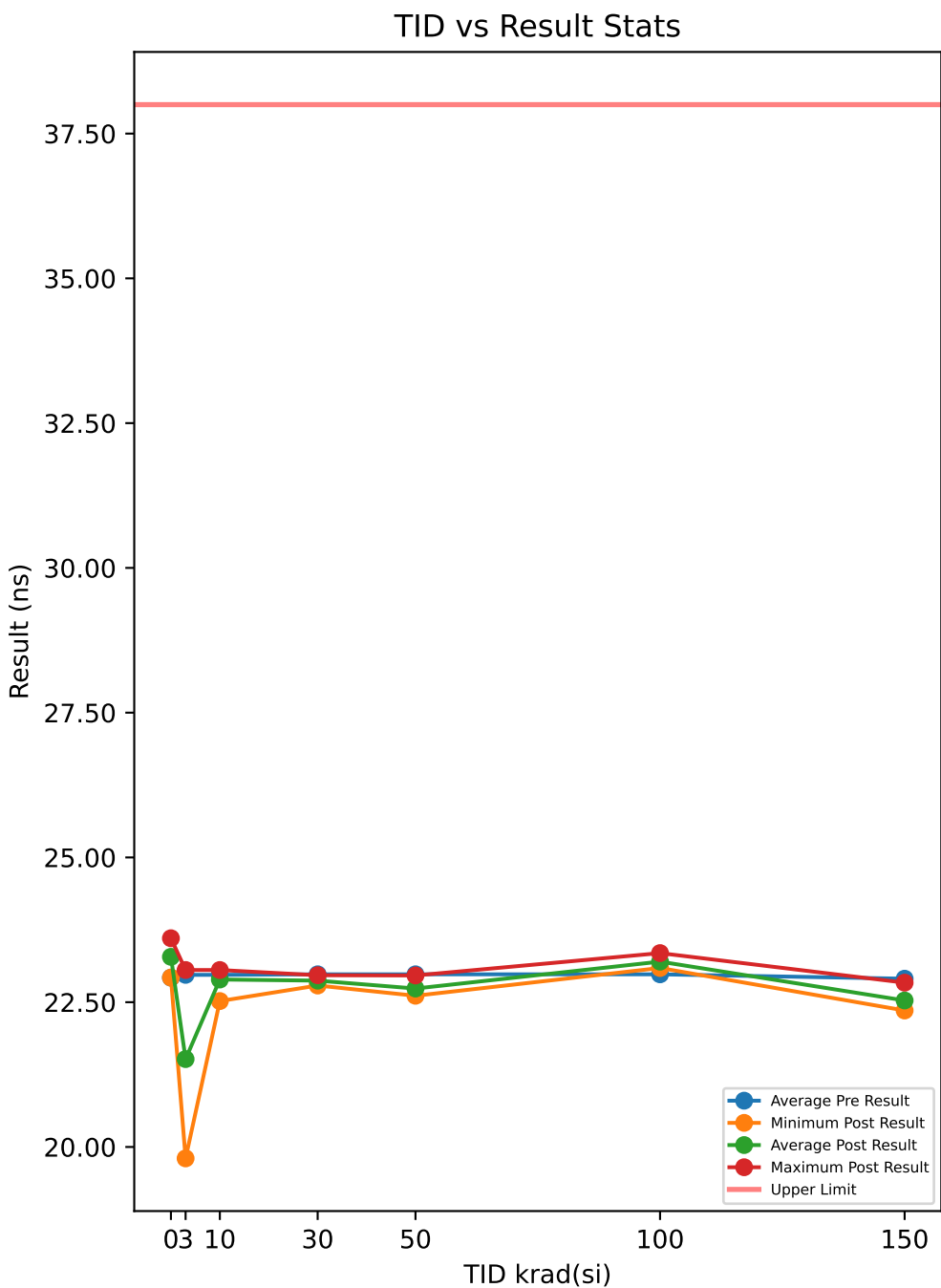
Test Results (Upper Limit = 4.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.9161	0.9775	0.0614
2	0	CORRELATION	0.5984	1.0575	0.4591
259	3	LDR Biased	1.0804	1.432	0.3516
426	3	LDR Biased	0.7391	1.0177	0.2786
427	3	LDR Biased	1.04	1.3359	0.2959
428	3	LDR Biased	0.7083	1.0041	0.2958
429	3	LDR Unbiased	0.6958	1.0582	0.3624
430	3	LDR Unbiased	0.8325	1.223	0.3905
431	3	LDR Unbiased	0.8262	1.2312	0.405
432	3	LDR Unbiased	0.5219	0.9357	0.4138
433	3	LDR Unbiased	1.0454	1.4798	0.4344
1259	10	LDR Biased	1.0804	0.9526	-0.1278
1426	10	LDR Biased	0.7391	0.71	-0.0291
1427	10	LDR Biased	1.04	0.9387	-0.1013
1428	10	LDR Biased	0.7083	0.7142	0.0059
1429	10	LDR Unbiased	0.6958	0.6967	0.0009
1430	10	LDR Unbiased	0.8325	0.8555	0.023
1431	10	LDR Unbiased	0.8262	0.7622	-0.064
1432	10	LDR Unbiased	0.5219	0.5021	-0.0198
1433	10	LDR Unbiased	1.0454	1.089	0.0436
2434	30	LDR Biased	0.428	1.0301	0.6021
2435	30	LDR Biased	0.8893	1.5686	0.6793
2436	30	LDR Biased	0.2875	0.741	0.4535
2437	30	LDR Biased	0.9135	1.4593	0.5458
2438	30	LDR Biased	0.8907	1.4583	0.5676
2439	30	LDR Unbiased	0.9123	1.4278	0.5155
2440	30	LDR Unbiased	1.0387	1.5835	0.5448
2441	30	LDR Unbiased	0.9161	1.5517	0.6356
2443	30	LDR Unbiased	0.5984	1.1418	0.5434
2444	30	LDR Unbiased	0.5303	1.1418	0.6115
3434	50	LDR Biased	0.428	0.7066	0.2786
3435	50	LDR Biased	0.8893	1.2301	0.3408
3436	50	LDR Biased	0.2875	0.763	0.4755
3437	50	LDR Biased	0.9135	1.3453	0.4318
3438	50	LDR Biased	0.8907	1.3276	0.4369
3439	50	LDR Unbiased	0.9123	1.283	0.3707
3440	50	LDR Unbiased	1.0387	1.4432	0.4045
3441	50	LDR Unbiased	0.9161	1.2987	0.3826
3443	50	LDR Unbiased	0.5984	0.8233	0.2249
3444	50	LDR Unbiased	0.5303	0.6941	0.1638
4434	100	LDR Biased	0.428	0.7766	0.3486
4435	100	LDR Biased	0.8893	1.2501	0.3608
4436	100	LDR Biased	0.2875	0.622	0.3345
4437	100	LDR Biased	0.9135	1.2589	0.3454
4438	100	LDR Biased	0.8907	1.3148	0.4241
4439	100	LDR Unbiased	0.9123	1.2707	0.3584
4440	100	LDR Unbiased	1.0387	1.2626	0.2239
4441	100	LDR Unbiased	0.9161	1.2935	0.3774
4443	100	LDR Unbiased	0.5984	0.8789	0.2805
4444	100	LDR Unbiased	0.5303	0.8969	0.3666
4500	150	LDR Biased	0.2522	0.7097	0.4575
4501	150	LDR Biased	0.9784	1.5065	0.5281
4502	150	LDR Biased	0.8375	1.3988	0.5613
4503	150	LDR Biased	0.7725	1.3258	0.5533
4504	150	LDR Biased	0.5849	1.0186	0.4337
4505	150	LDR Unbiased	0.4431	0.9869	0.5438
4506	150	LDR Unbiased	0.5905	1.1866	0.5961
4507	150	LDR Unbiased	0.8158	1.2377	0.4219
4508	150	LDR Unbiased	1.1853	1.4232	0.2379
4509	150	LDR Unbiased	0.8654	1.2437	0.3783

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	0.5984	0.75725	0.9161	0.22465	0.9775	1.0175	1.0575	0.056569	0.0614	0.26025	0.4591	0.28122
3	0.5219	0.83218	1.0804	0.19013	0.9357	1.1908	1.4798	0.19777	0.2786	0.35867	0.4344	0.057339
10	0.5219	0.83218	1.0804	0.19013	0.5021	0.80233	1.089	0.17514	-0.1278	-0.029844	0.0436	0.057422
30	0.2875	0.74048	1.0387	0.25629	0.741	1.3104	1.5835	0.28224	0.4535	0.56991	0.6793	0.064532
50	0.2875	0.74048	1.0387	0.25629	0.6941	1.0915	1.4432	0.30342	0.1638	0.35101	0.4755	0.099971
100	0.2875	0.74048	1.0387	0.25629	0.622	1.0825	1.3148	0.25972	0.2239	0.34202	0.4241	0.054835
150	0.2522	0.73256	1.1853	0.27062	0.7097	1.2037	1.5065	0.24064	0.2379	0.47119	0.5961	0.10855

Device Test: 112.2 Prop Delay LO On IIM Interlock VIN_14V

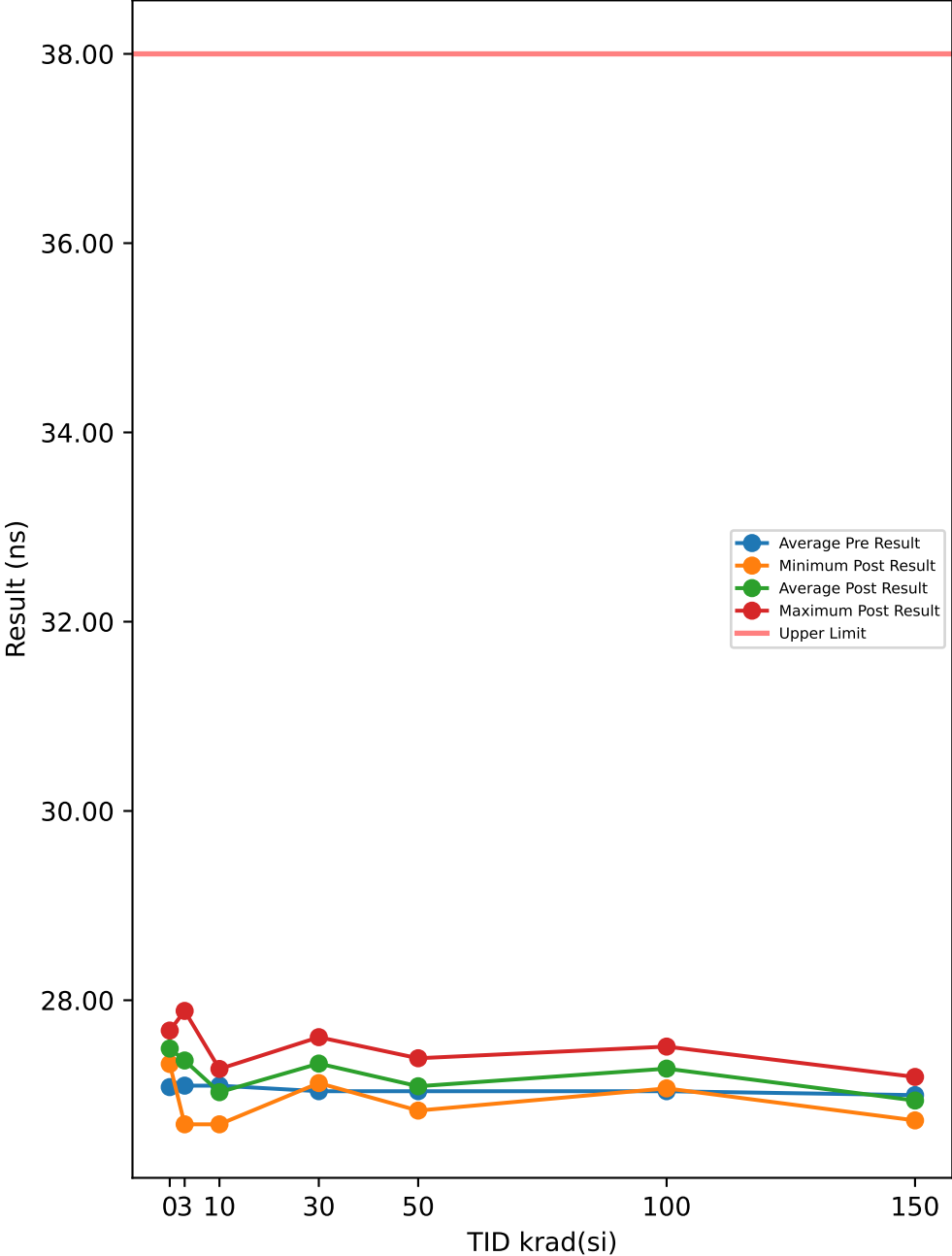


Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	23.027	23.604	0.5772
2	0	CORRELATION	22.821	23.495	0.6739
259	3	LDR Biased	23.12	20.278	-2.8414
426	3	LDR Biased	22.998	20.192	-2.8059
427	3	LDR Biased	22.992	20.17	-2.8225
428	3	LDR Biased	22.89	20.063	-2.827
429	3	LDR Unbiased	22.586	19.803	-2.7828
430	3	LDR Unbiased	22.979	20.196	-2.7823
431	3	LDR Unbiased	23.157	20.215	-2.9415
432	3	LDR Unbiased	22.956	20.202	-2.7538
433	3	LDR Unbiased	23.074	20.171	-2.9027
1259	10	LDR Biased	23.12	23.056	-0.064
1426	10	LDR Biased	22.998	22.938	-0.0606
1427	10	LDR Biased	22.992	22.856	-0.1364
1428	10	LDR Biased	22.89	22.87	-0.0198
1429	10	LDR Unbiased	22.586	22.52	-0.0663
1430	10	LDR Unbiased	22.979	22.941	-0.0372
1431	10	LDR Unbiased	23.157	23.007	-0.1493
1432	10	LDR Unbiased	22.956	22.855	-0.101
1433	10	LDR Unbiased	23.074	22.983	-0.0913
2434	30	LDR Biased	22.949	22.799	-0.1504
2435	30	LDR Biased	22.979	22.938	-0.041
2436	30	LDR Biased	23.067	22.957	-0.1091
2437	30	LDR Biased	22.936	22.788	-0.1481
2438	30	LDR Biased	22.993	22.883	-0.11
2439	30	LDR Unbiased	23.099	22.966	-0.133
2440	30	LDR Unbiased	22.904	22.795	-0.1082
2441	30	LDR Unbiased	23.027	22.918	-0.1095
2443	30	LDR Unbiased	22.821	22.8	-0.0211
2444	30	LDR Unbiased	23.041	22.88	-0.1618
3434	50	LDR Biased	22.949	22.629	-0.32
3435	50	LDR Biased	22.979	22.707	-0.2728
3436	50	LDR Biased	23.067	22.776	-0.2908
3437	50	LDR Biased	22.936	22.72	-0.2159
3438	50	LDR Biased	22.993	22.704	-0.2887
3439	50	LDR Unbiased	23.099	22.962	-0.137
3440	50	LDR Unbiased	22.904	22.655	-0.2483
3441	50	LDR Unbiased	23.027	22.79	-0.2368
3443	50	LDR Unbiased	22.821	22.611	-0.2095
3444	50	LDR Unbiased	23.041	22.806	-0.2354
4434	100	LDR Biased	22.949	23.091	0.1422
4435	100	LDR Biased	22.979	23.187	0.2073
4436	100	LDR Biased	23.067	23.301	0.2343
4437	100	LDR Biased	22.936	23.146	0.2094
4438	100	LDR Biased	22.993	23.183	0.19
4439	100	LDR Unbiased	23.099	23.348	0.2491
4440	100	LDR Unbiased	22.904	23.091	0.1872
4441	100	LDR Unbiased	23.027	23.236	0.2087
4443	100	LDR Unbiased	22.821	23.133	0.312
4444	100	LDR Unbiased	23.041	23.291	0.2496
4500	150	LDR Biased	22.72	22.359	-0.3605
4501	150	LDR Biased	23.011	22.623	-0.3878
4502	150	LDR Biased	23.049	22.837	-0.2111
4503	150	LDR Biased	22.895	22.505	-0.3897
4504	150	LDR Biased	22.85	22.471	-0.379
4505	150	LDR Unbiased	22.979	22.559	-0.4196
4506	150	LDR Unbiased	23.025	22.669	-0.356
4507	150	LDR Unbiased	22.733	22.357	-0.3765
4508	150	LDR Unbiased	22.845	22.403	-0.442
4509	150	LDR Unbiased	22.951	22.514	-0.4368

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	22.821	22.924	23.027	0.14588	23.495	23.55	23.604	0.077499	0.5772	0.62555	0.6739	0.068377
3	22.586	22.972	23.157	0.16718	19.803	20.144	20.278	0.13959	-2.9415	-2.8289	-2.7538	0.059991
10	22.586	22.972	23.157	0.16718	22.52	22.892	23.056	0.15602	-0.1493	-0.080656	-0.0198	0.043047
30	22.821	22.982	23.099	0.082813	22.788	22.872	22.966	0.071663	-0.1618	-0.10922	-0.0211	0.045897
50	22.821	22.982	23.099	0.082813	22.611	22.736	22.962	0.10324	-0.32	-0.24552	-0.137	0.052008
100	22.821	22.982	23.099	0.082813	23.091	23.201	23.348	0.09019	0.1422	0.21898	0.312	0.045718
150	22.72	22.906	23.049	0.11756	22.357	22.53	22.837	0.1502	-0.442	-0.3759	-0.2111	0.065083

Device Test: 112.3 Prop Delay LO Off IIM Interlock VIN_14V

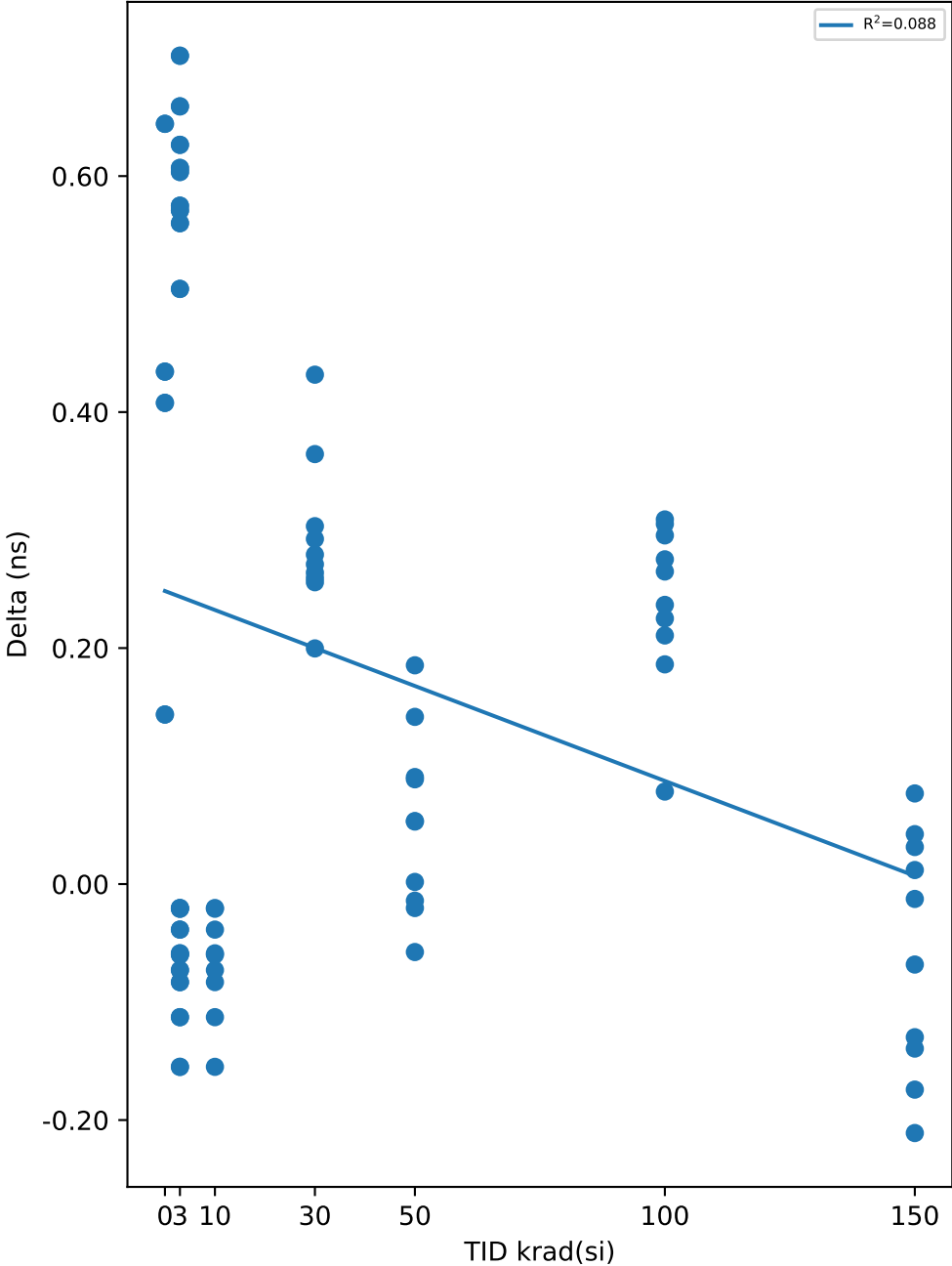
TID vs Result Stats



Test Results (Upper Limit = 38.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	27.245	27.68	0.4343
2	0	CORRELATION	26.919	27.563	0.6443
259	3	LDR Biased	27.288	27.858	0.5709
426	3	LDR Biased	27.113	27.74	0.6265
427	3	LDR Biased	27.005	27.611	0.6069
428	3	LDR Biased	27.146	27.706	0.5601
429	3	LDR Unbiased	26.762	27.421	0.6591
430	3	LDR Unbiased	27.092	27.696	0.6035
431	3	LDR Unbiased	27.131	27.635	0.5044
432	3	LDR Unbiased	27.028	27.73	0.702
433	3	LDR Unbiased	27.312	27.887	0.5749
1259	10	LDR Biased	27.288	27.204	-0.0831
1426	10	LDR Biased	27.113	27.092	-0.0209
1427	10	LDR Biased	27.005	26.892	-0.1128
1428	10	LDR Biased	27.146	27.086	-0.0599
1429	10	LDR Unbiased	26.762	26.689	-0.0729
1430	10	LDR Unbiased	27.092	27.072	-0.0203
1431	10	LDR Unbiased	27.131	26.976	-0.1549
1432	10	LDR Unbiased	27.028	26.969	-0.0587
1433	10	LDR Unbiased	27.312	27.274	-0.0386
2434	30	LDR Biased	27.053	27.253	0.1997
2435	30	LDR Biased	26.832	27.125	0.2925
2436	30	LDR Biased	27.076	27.348	0.271
2437	30	LDR Biased	26.976	27.24	0.2639
2438	30	LDR Biased	27.092	27.395	0.3033
2439	30	LDR Unbiased	27.181	27.441	0.2594
2440	30	LDR Unbiased	27.042	27.321	0.2792
2441	30	LDR Unbiased	27.245	27.61	0.3644
2443	30	LDR Unbiased	26.919	27.35	0.4317
2444	30	LDR Unbiased	26.969	27.225	0.2558
3434	50	LDR Biased	27.053	27.039	-0.0141
3435	50	LDR Biased	26.832	26.834	0.0018
3436	50	LDR Biased	27.076	27.056	-0.0203
3437	50	LDR Biased	26.976	27.029	0.053
3438	50	LDR Biased	27.092	27.183	0.0907
3439	50	LDR Unbiased	27.181	27.235	0.0534
3440	50	LDR Unbiased	27.042	26.984	-0.0576
3441	50	LDR Unbiased	27.245	27.387	0.1417
3443	50	LDR Unbiased	26.919	27.104	0.1854
3444	50	LDR Unbiased	26.969	27.058	0.0888
4434	100	LDR Biased	27.053	27.132	0.0784
4435	100	LDR Biased	26.832	27.069	0.2366
4436	100	LDR Biased	27.076	27.302	0.2251
4437	100	LDR Biased	26.976	27.187	0.2107
4438	100	LDR Biased	27.092	27.367	0.2752
4439	100	LDR Unbiased	27.181	27.491	0.309
4440	100	LDR Unbiased	27.042	27.228	0.1862
4441	100	LDR Unbiased	27.245	27.51	0.2649
4443	100	LDR Unbiased	26.919	27.224	0.3052
4444	100	LDR Unbiased	26.969	27.265	0.2955
4500	150	LDR Biased	26.798	26.73	-0.0682
4501	150	LDR Biased	27.281	27.151	-0.1298
4502	150	LDR Biased	27.113	27.189	0.0768
4503	150	LDR Biased	26.983	27.014	0.0314
4504	150	LDR Biased	26.793	26.78	-0.0126
4505	150	LDR Unbiased	27.034	26.86	-0.1742
4506	150	LDR Unbiased	27.064	27.076	0.0119
4507	150	LDR Unbiased	26.718	26.761	0.0423
4508	150	LDR Unbiased	27.097	26.958	-0.1394
4509	150	LDR Unbiased	27.092	26.881	-0.211

TID vs Post - Pre Exposure Delta

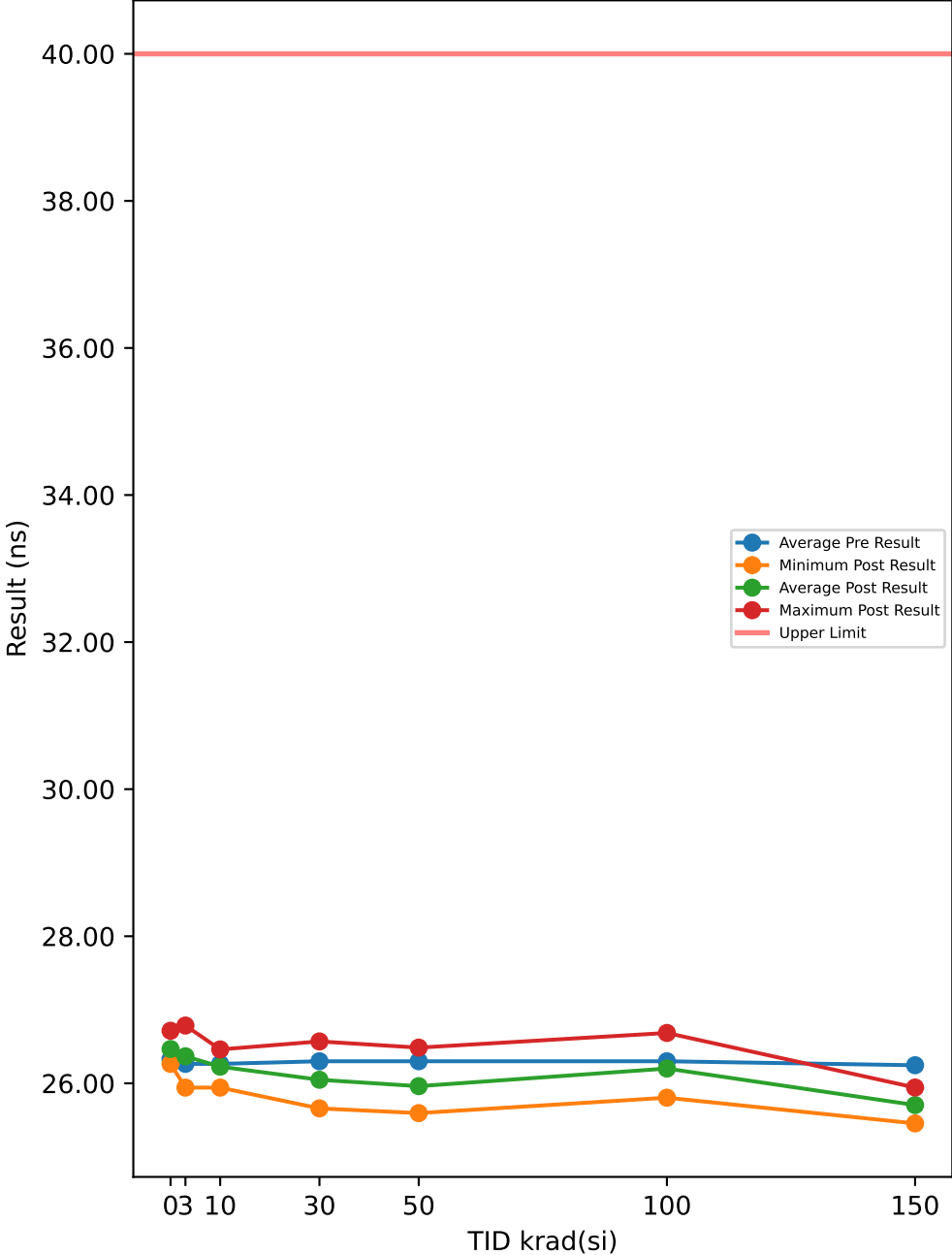


Test Statistics (ns)

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	26.919	27.082	27.245	0.23087	27.563	27.621	27.68	0.082378	0.4343	0.5393	0.6443	0.14849
3	26.762	27.097	27.312	0.16289	27.421	27.698	27.887	0.13809	0.5044	0.60092	0.702	0.057943
10	26.762	27.097	27.312	0.16289	26.689	27.028	27.274	0.17345	-0.1549	-0.069122	-0.0203	0.043746
30	26.832	27.039	27.245	0.12171	27.125	27.331	27.61	0.13447	0.1997	0.29209	0.4317	0.064267
50	26.832	27.039	27.245	0.12171	26.834	27.091	27.387	0.15022	-0.0576	0.05228	0.1854	0.076612
100	26.832	27.039	27.245	0.12171	27.069	27.277	27.51	0.14401	0.0784	0.23868	0.309	0.069948
150	26.718	26.997	27.281	0.17571	26.73	26.94	27.189	0.16418	-0.211	-0.05728	0.0768	0.10108

Device Test: 112.4 Prop Delay HO On IIM Interlock VIN_14V

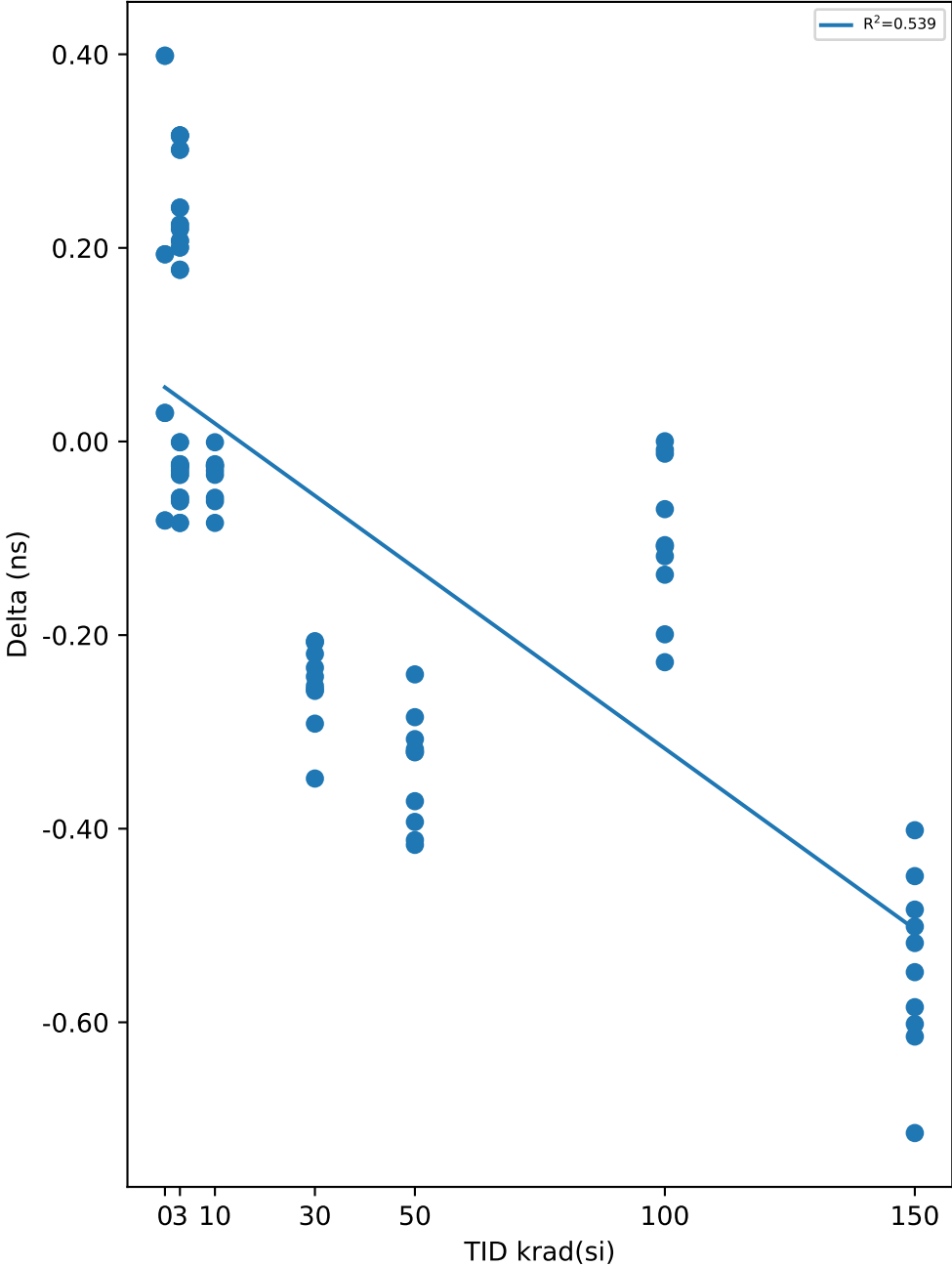
TID vs Result Stats



Test Results (Upper Limit = 40.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	26.316	26.715	0.3985
2	0	CORRELATION	26.346	26.539	0.1934
259	3	LDR Biased	26.269	26.47	0.2004
426	3	LDR Biased	26.396	26.712	0.3159
427	3	LDR Biased	26.003	26.245	0.2416
428	3	LDR Biased	26.413	26.59	0.1774
429	3	LDR Unbiased	26.098	26.305	0.2073
430	3	LDR Unbiased	26.227	26.544	0.3162
431	3	LDR Unbiased	26.27	26.494	0.2241
432	3	LDR Unbiased	26.484	26.785	0.3014
433	3	LDR Unbiased	26.216	26.436	0.2197
1259	10	LDR Biased	26.269	26.243	-0.0257
1426	10	LDR Biased	26.396	26.362	-0.0344
1427	10	LDR Biased	26.003	25.941	-0.0617
1428	10	LDR Biased	26.413	26.355	-0.0581
1429	10	LDR Unbiased	26.098	26.014	-0.0841
1430	10	LDR Unbiased	26.227	26.197	-0.0301
1431	10	LDR Unbiased	26.27	26.269	-0.0008
1432	10	LDR Unbiased	26.484	26.46	-0.0235
1433	10	LDR Unbiased	26.216	26.191	-0.0252
2434	30	LDR Biased	26.583	26.364	-0.2194
2435	30	LDR Biased	25.911	25.659	-0.2525
2436	30	LDR Biased	26.803	26.569	-0.2337
2437	30	LDR Biased	26.058	25.801	-0.2576
2438	30	LDR Biased	26.253	25.961	-0.2915
2439	30	LDR Unbiased	26.294	26.088	-0.2063
2440	30	LDR Unbiased	25.988	25.745	-0.2429
2441	30	LDR Unbiased	26.316	25.968	-0.3482
2443	30	LDR Unbiased	26.346	26.138	-0.2074
2444	30	LDR Unbiased	26.443	26.187	-0.2561
3434	50	LDR Biased	26.583	26.212	-0.3716
3435	50	LDR Biased	25.911	25.626	-0.2848
3436	50	LDR Biased	26.803	26.485	-0.3179
3437	50	LDR Biased	26.058	25.737	-0.321
3438	50	LDR Biased	26.253	25.841	-0.4118
3439	50	LDR Unbiased	26.294	25.986	-0.3075
3440	50	LDR Unbiased	25.988	25.595	-0.393
3441	50	LDR Unbiased	26.316	25.899	-0.4167
3443	50	LDR Unbiased	26.346	26.105	-0.2406
3444	50	LDR Unbiased	26.443	26.123	-0.3208
4434	100	LDR Biased	26.583	26.384	-0.1992
4435	100	LDR Biased	25.911	25.804	-0.1071
4436	100	LDR Biased	26.803	26.684	-0.1185
4437	100	LDR Biased	26.058	25.921	-0.1376
4438	100	LDR Biased	26.253	26.025	-0.228
4439	100	LDR Unbiased	26.294	26.285	-0.0086
4440	100	LDR Unbiased	25.988	25.975	-0.0126
4441	100	LDR Unbiased	26.316	26.208	-0.1084
4443	100	LDR Unbiased	26.346	26.346	0.0002
4444	100	LDR Unbiased	26.443	26.373	-0.0699
4500	150	LDR Biased	26.476	25.892	-0.5844
4501	150	LDR Biased	26.292	25.69	-0.6018
4502	150	LDR Biased	26.244	25.76	-0.4836
4503	150	LDR Biased	26.152	25.604	-0.5482
4504	150	LDR Biased	26.245	25.63	-0.6147
4505	150	LDR Unbiased	26.585	25.87	-0.7144
4506	150	LDR Unbiased	26.46	25.942	-0.5181
4507	150	LDR Unbiased	25.915	25.513	-0.4016
4508	150	LDR Unbiased	25.903	25.454	-0.449
4509	150	LDR Unbiased	26.183	25.682	-0.5011

TID vs Post - Pre Exposure Delta

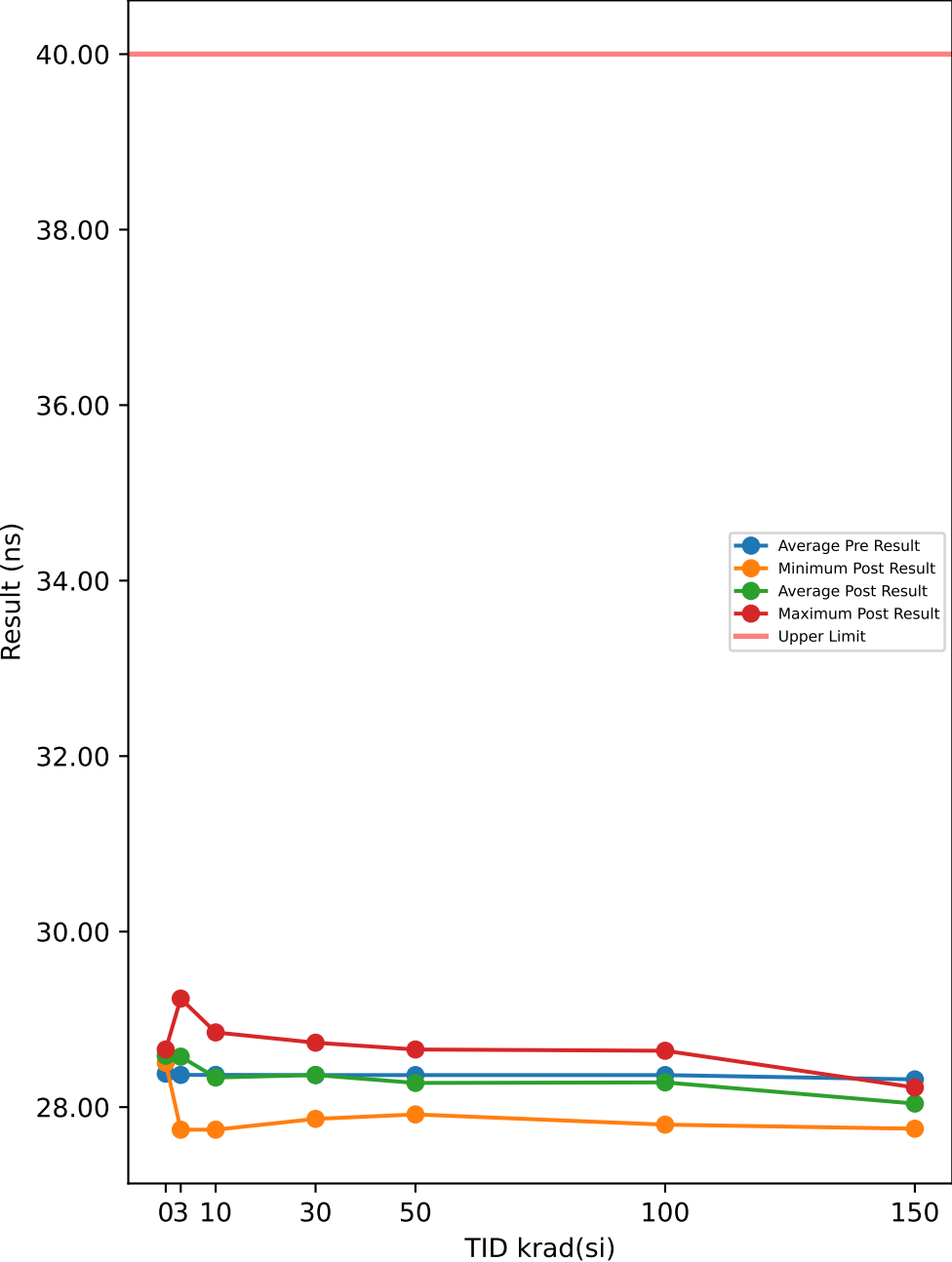


Test Statistics (ns)

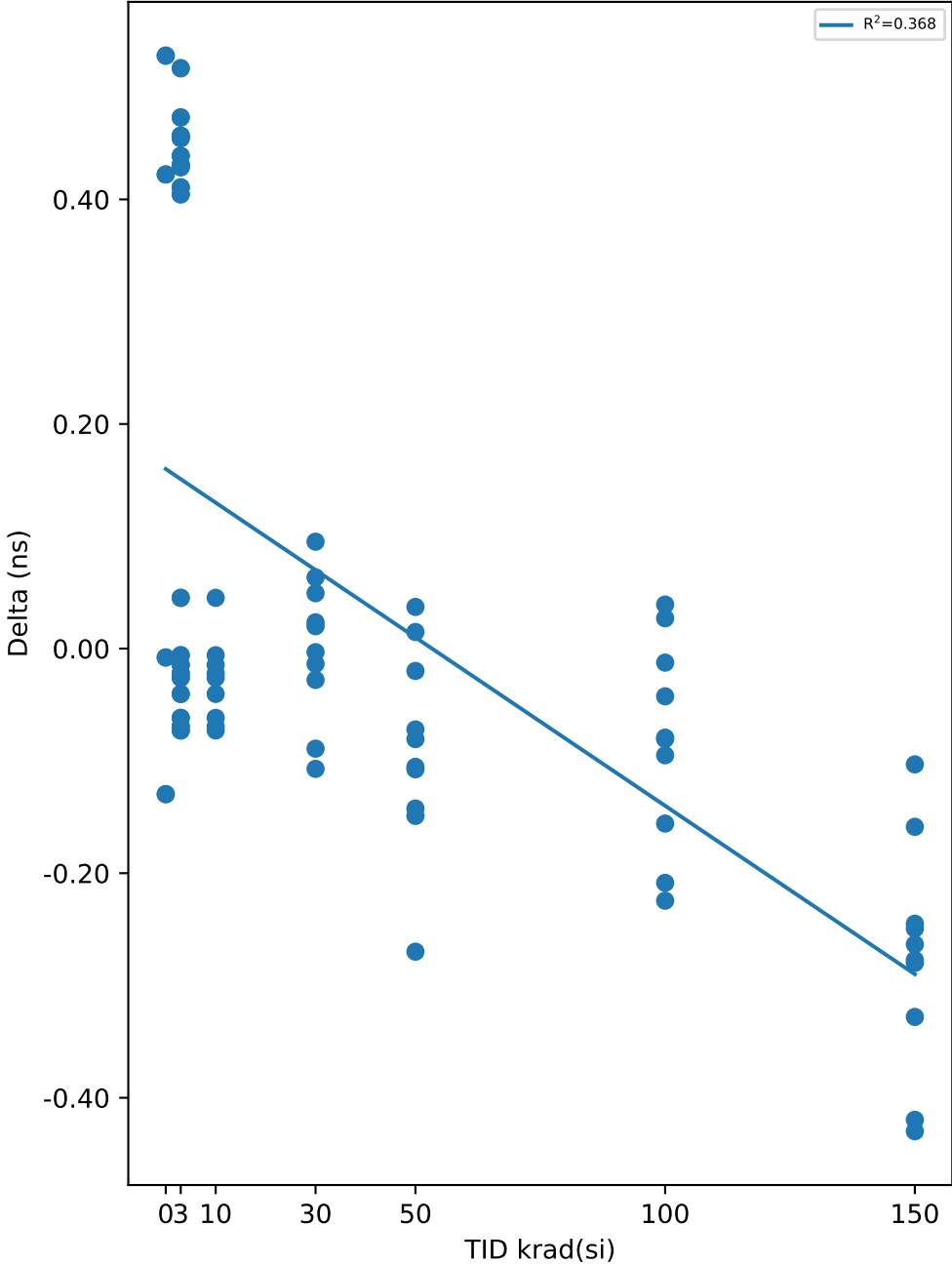
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.316	26.331	26.346	0.021072	26.539	26.627	26.715	0.12396	0.1934	0.29595	0.3985	0.14503
3	26.003	26.264	26.484	0.15306	26.245	26.509	26.785	0.17467	0.1774	0.24489	0.3162	0.052851
10	26.003	26.264	26.484	0.15306	25.941	26.226	26.46	0.16596	-0.0841	-0.038178	-0.0008	0.025187
30	25.911	26.3	26.803	0.27196	25.659	26.048	26.569	0.28272	-0.3482	-0.25156	-0.2063	0.042713
50	25.911	26.3	26.803	0.27196	25.595	25.961	26.485	0.2788	-0.4167	-0.33857	-0.2406	0.057761
100	25.911	26.3	26.803	0.27196	25.804	26.201	26.684	0.26739	-0.228	-0.09897	0.0002	0.078195
150	25.903	26.245	26.585	0.22508	25.454	25.704	25.942	0.16259	-0.7144	-0.54169	-0.4016	0.090942

Device Test: 112.5 Prop Delay HO Off IIM Interlock VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 40.0 (ns))

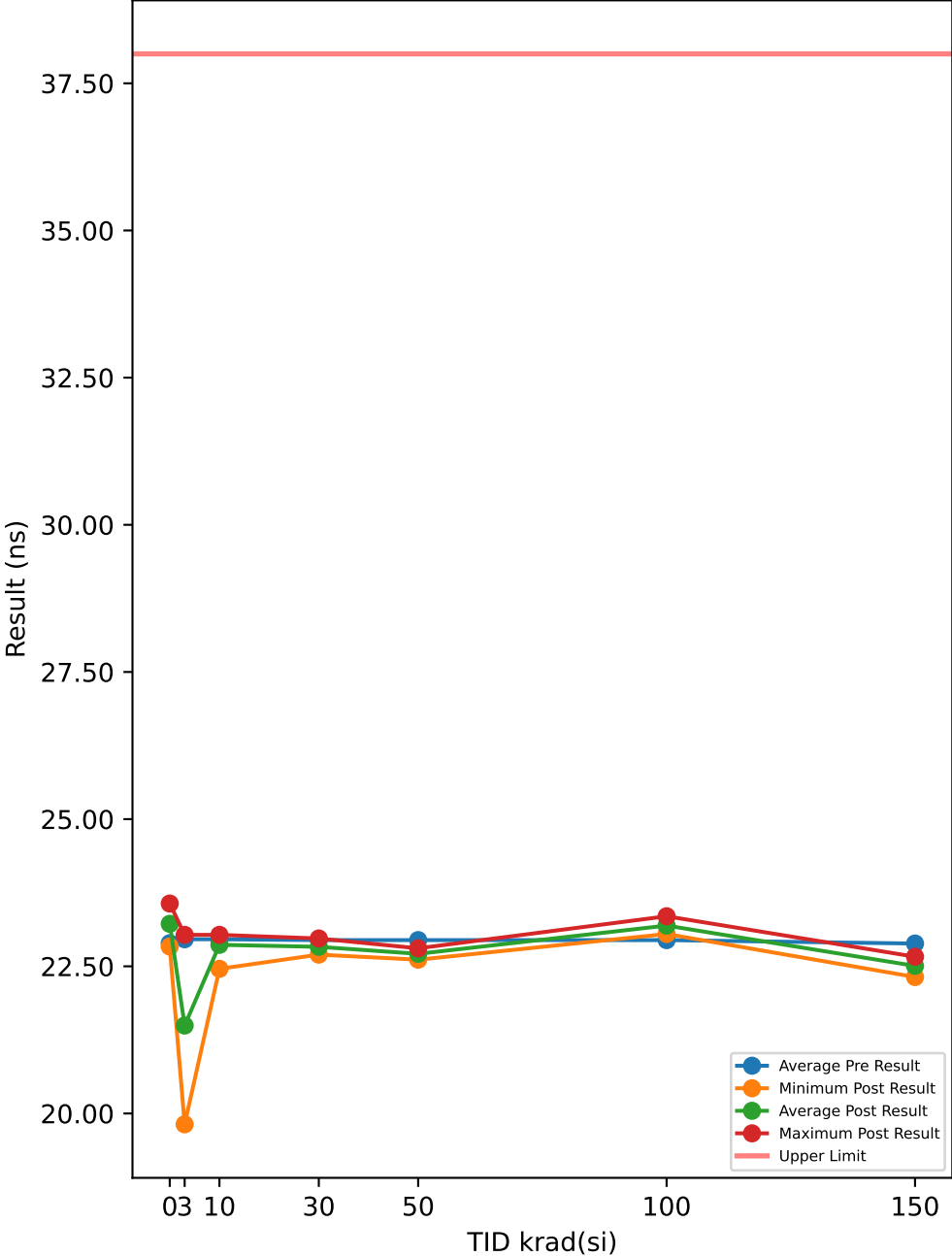
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	28.634	28.626	-0.0079
2	0	CORRELATION	28.128	28.657	0.528
259	3	LDR Biased	28.806	29.237	0.4309
426	3	LDR Biased	28.439	28.956	0.5168
427	3	LDR Biased	27.748	28.221	0.473
428	3	LDR Biased	28.33	28.734	0.4045
429	3	LDR Unbiased	28.372	28.828	0.4568
430	3	LDR Unbiased	28.314	28.753	0.4388
431	3	LDR Unbiased	28.242	28.671	0.4287
432	3	LDR Unbiased	28.672	29.127	0.4545
433	3	LDR Unbiased	28.379	28.79	0.4107
1259	10	LDR Biased	28.806	28.851	0.0452
1426	10	LDR Biased	28.439	28.398	-0.0404
1427	10	LDR Biased	27.748	27.743	-0.0059
1428	10	LDR Biased	28.33	28.315	-0.0146
1429	10	LDR Unbiased	28.372	28.299	-0.0729
1430	10	LDR Unbiased	28.314	28.245	-0.0693
1431	10	LDR Unbiased	28.242	28.22	-0.022
1432	10	LDR Unbiased	28.672	28.611	-0.0617
1433	10	LDR Unbiased	28.379	28.353	-0.026
2434	30	LDR Biased	28.569	28.589	0.0199
2435	30	LDR Biased	27.879	27.866	-0.0136
2436	30	LDR Biased	28.737	28.734	-0.0032
2437	30	LDR Biased	28.184	28.095	-0.0891
2438	30	LDR Biased	28.466	28.359	-0.1071
2439	30	LDR Unbiased	28.463	28.487	0.0234
2440	30	LDR Unbiased	28.051	28.115	0.0634
2441	30	LDR Unbiased	28.634	28.606	-0.0279
2443	30	LDR Unbiased	28.128	28.178	0.0493
2444	30	LDR Unbiased	28.535	28.631	0.0952
3434	50	LDR Biased	28.569	28.42	-0.149
3435	50	LDR Biased	27.879	27.916	0.0371
3436	50	LDR Biased	28.737	28.657	-0.0806
3437	50	LDR Biased	28.184	28.112	-0.072
3438	50	LDR Biased	28.466	28.196	-0.2699
3439	50	LDR Unbiased	28.463	28.358	-0.1053
3440	50	LDR Unbiased	28.051	27.944	-0.1075
3441	50	LDR Unbiased	28.634	28.492	-0.1424
3443	50	LDR Unbiased	28.128	28.143	0.0148
3444	50	LDR Unbiased	28.535	28.515	-0.0199
4434	100	LDR Biased	28.569	28.36	-0.2086
4435	100	LDR Biased	27.879	27.8	-0.0793
4436	100	LDR Biased	28.737	28.642	-0.095
4437	100	LDR Biased	28.184	28.028	-0.1558
4438	100	LDR Biased	28.466	28.242	-0.2245
4439	100	LDR Unbiased	28.463	28.421	-0.0425
4440	100	LDR Unbiased	28.051	28.078	0.027
4441	100	LDR Unbiased	28.634	28.554	-0.0805
4443	100	LDR Unbiased	28.128	28.168	0.0392
4444	100	LDR Unbiased	28.535	28.523	-0.0125
4500	150	LDR Biased	28.34	28.095	-0.245
4501	150	LDR Biased	28.586	28.167	-0.4196
4502	150	LDR Biased	28.27	28.021	-0.2493
4503	150	LDR Biased	28.183	27.905	-0.2773
4504	150	LDR Biased	28.053	27.773	-0.2799
4505	150	LDR Unbiased	28.606	28.176	-0.4298
4506	150	LDR Unbiased	28.552	28.224	-0.328
4507	150	LDR Unbiased	27.912	27.754	-0.1587
4508	150	LDR Unbiased	28.258	28.154	-0.1031
4509	150	LDR Unbiased	28.397	28.133	-0.2634

Test Statistics (ns)

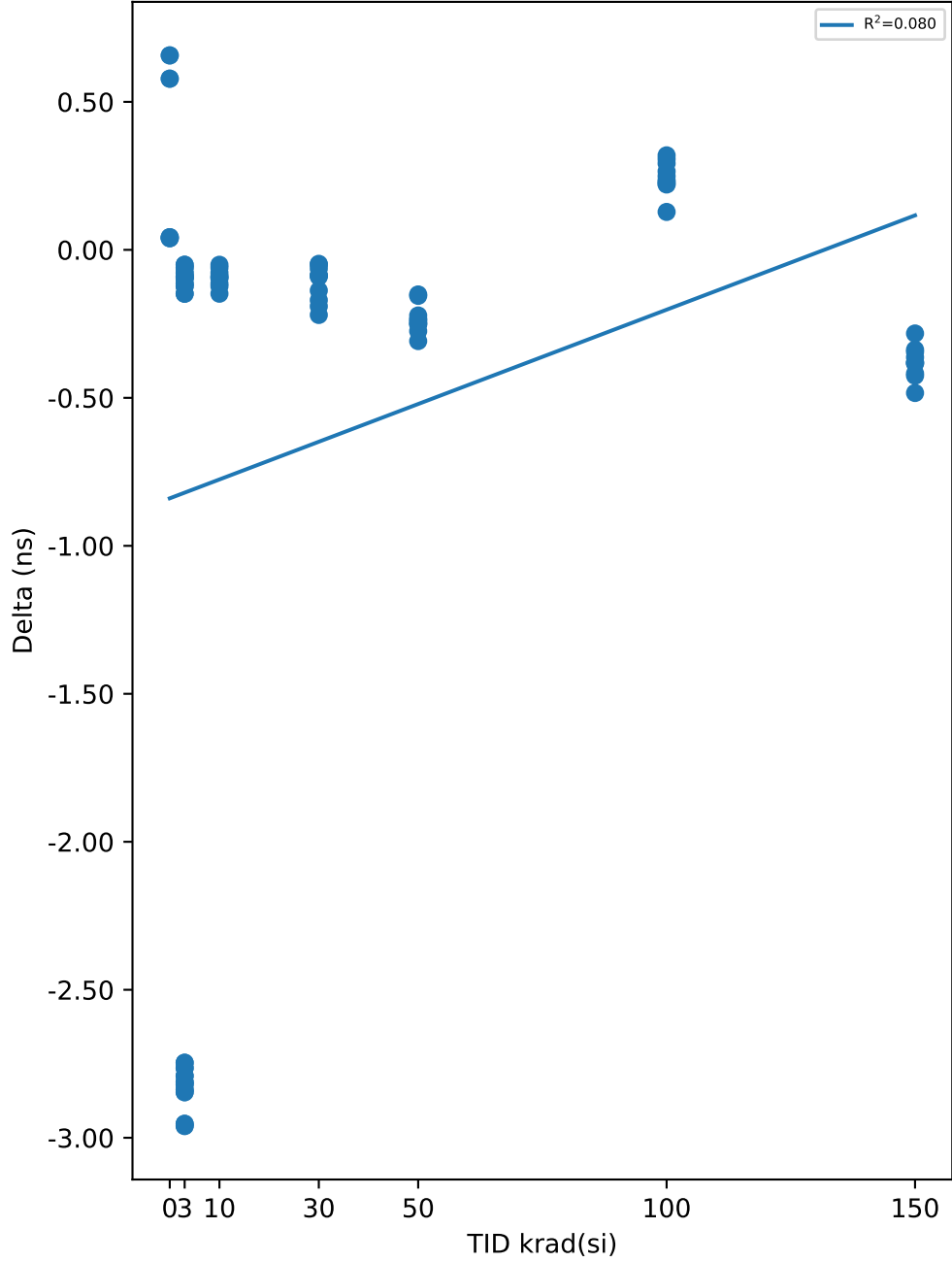
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	28.128	28.381	28.634	0.35765	28.626	28.641	28.657	0.021284	-0.0079	0.26005	0.528	0.37894
3	27.748	28.367	28.806	0.29444	28.221	28.813	29.237	0.29137	0.4045	0.44608	0.5168	0.03442
10	27.748	28.367	28.806	0.29444	27.743	28.337	28.851	0.30013	-0.0729	-0.029733	0.0452	0.037166
30	27.879	28.365	28.737	0.2837	27.866	28.366	28.734	0.28859	-0.1071	0.00103	0.0952	0.06397
50	27.879	28.365	28.737	0.2837	27.916	28.275	28.657	0.2509	-0.2699	-0.08947	0.0371	0.089189
100	27.879	28.365	28.737	0.2837	27.8	28.282	28.642	0.26661	-0.2245	-0.08325	0.0392	0.091229
150	27.912	28.316	28.606	0.2298	27.754	28.04	28.224	0.17159	-0.4298	-0.27541	-0.1031	0.10137

Device Test: 112.6 Prop Delay LO On IIM Interlock Disable VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 38.0 (ns))

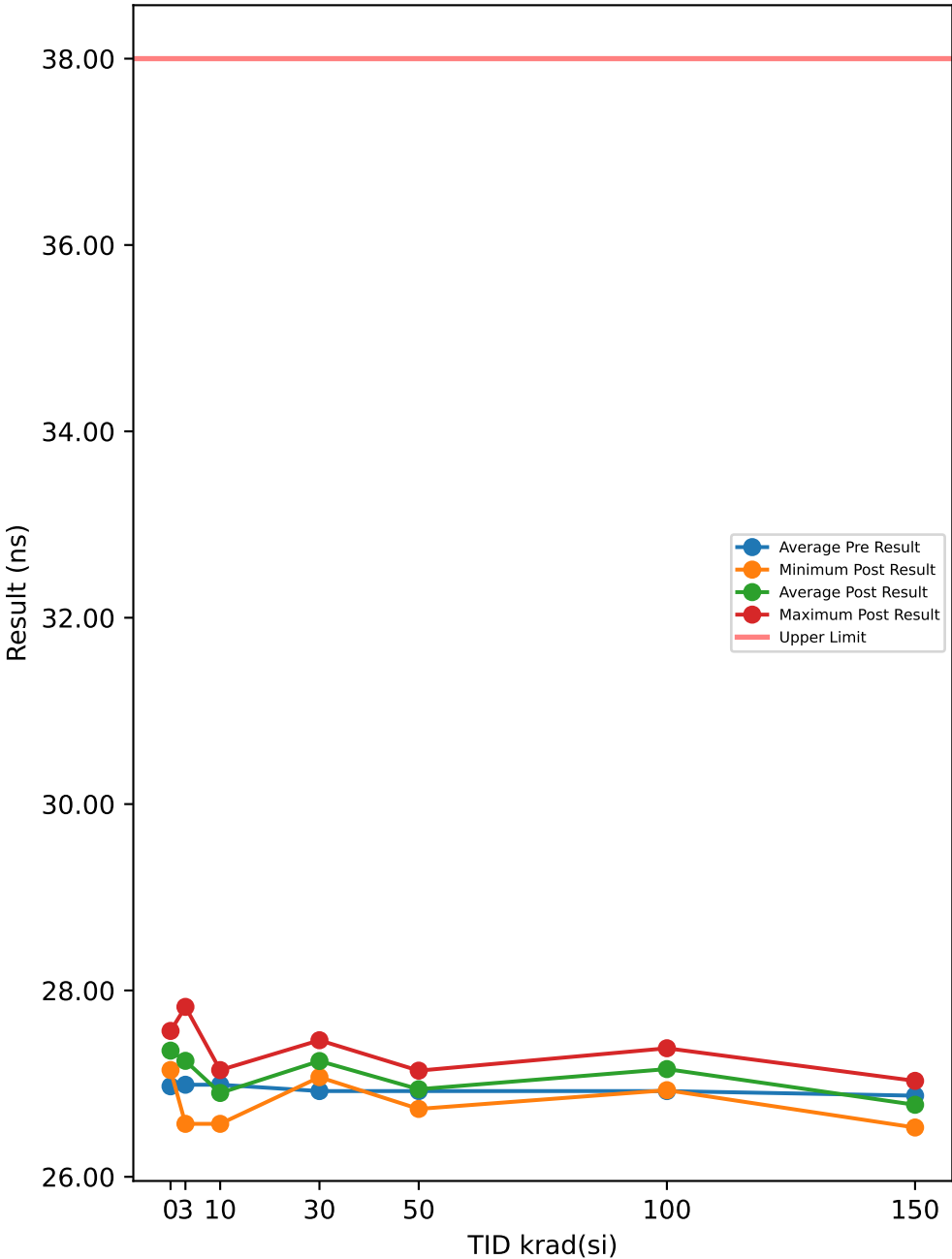
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	22.988	23.566	0.5783
2	0	CORRELATION	22.797	23.454	0.657
259	3	LDR Biased	23.123	20.312	-2.8115
426	3	LDR Biased	22.954	20.117	-2.8374
427	3	LDR Biased	22.961	20.141	-2.8197
428	3	LDR Biased	22.885	20.039	-2.8461
429	3	LDR Unbiased	22.58	19.816	-2.7643
430	3	LDR Unbiased	22.992	20.246	-2.7466
431	3	LDR Unbiased	23.159	20.199	-2.9602
432	3	LDR Unbiased	22.923	20.132	-2.7909
433	3	LDR Unbiased	23.058	20.105	-2.9529
1259	10	LDR Biased	23.123	23.034	-0.0893
1426	10	LDR Biased	22.954	22.904	-0.0504
1427	10	LDR Biased	22.961	22.847	-0.114
1428	10	LDR Biased	22.885	22.808	-0.0778
1429	10	LDR Unbiased	22.58	22.457	-0.1231
1430	10	LDR Unbiased	22.992	22.896	-0.0963
1431	10	LDR Unbiased	23.159	23.011	-0.1482
1432	10	LDR Unbiased	22.923	22.862	-0.0603
1433	10	LDR Unbiased	23.058	22.965	-0.0921
2434	30	LDR Biased	22.921	22.701	-0.22
2435	30	LDR Biased	22.931	22.841	-0.0907
2436	30	LDR Biased	23.024	22.833	-0.1908
2437	30	LDR Biased	22.916	22.778	-0.1374
2438	30	LDR Biased	22.944	22.857	-0.0868
2439	30	LDR Unbiased	23.058	22.973	-0.0854
2440	30	LDR Unbiased	22.868	22.698	-0.1699
2441	30	LDR Unbiased	22.988	22.941	-0.0473
2443	30	LDR Unbiased	22.797	22.747	-0.0497
2444	30	LDR Unbiased	23.005	22.942	-0.0633
3434	50	LDR Biased	22.921	22.613	-0.3082
3435	50	LDR Biased	22.931	22.71	-0.2218
3436	50	LDR Biased	23.024	22.776	-0.2486
3437	50	LDR Biased	22.916	22.68	-0.235
3438	50	LDR Biased	22.944	22.788	-0.1554
3439	50	LDR Unbiased	23.058	22.806	-0.2524
3440	50	LDR Unbiased	22.868	22.633	-0.2359
3441	50	LDR Unbiased	22.988	22.713	-0.2746
3443	50	LDR Unbiased	22.797	22.646	-0.1507
3444	50	LDR Unbiased	23.005	22.758	-0.2465
4434	100	LDR Biased	22.921	23.049	0.1281
4435	100	LDR Biased	22.931	23.154	0.2226
4436	100	LDR Biased	23.024	23.289	0.2652
4437	100	LDR Biased	22.916	23.136	0.2208
4438	100	LDR Biased	22.944	23.178	0.2343
4439	100	LDR Unbiased	23.058	23.35	0.2921
4440	100	LDR Unbiased	22.868	23.098	0.2295
4441	100	LDR Unbiased	22.988	23.237	0.2489
4443	100	LDR Unbiased	22.797	23.116	0.3193
4444	100	LDR Unbiased	23.005	23.312	0.3069
4500	150	LDR Biased	22.712	22.367	-0.3449
4501	150	LDR Biased	23.009	22.629	-0.3805
4502	150	LDR Biased	23	22.663	-0.3373
4503	150	LDR Biased	22.863	22.58	-0.2826
4504	150	LDR Biased	22.847	22.465	-0.3818
4505	150	LDR Unbiased	22.961	22.536	-0.4253
4506	150	LDR Unbiased	23.016	22.653	-0.3631
4507	150	LDR Unbiased	22.702	22.318	-0.384
4508	150	LDR Unbiased	22.816	22.333	-0.4836
4509	150	LDR Unbiased	22.939	22.522	-0.4177

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	22.797	22.892	22.988	0.1352	23.454	23.51	23.566	0.07955	0.5783	0.61765	0.657	0.055649
3	22.58	22.96	23.159	0.16888	19.816	20.123	20.312	0.14086	-2.9602	-2.8366	-2.7466	0.075187
10	22.58	22.96	23.159	0.16888	22.457	22.865	23.034	0.17049	-0.1482	-0.094611	-0.0504	0.030641
30	22.797	22.945	23.058	0.077447	22.698	22.831	22.973	0.099707	-0.22	-0.11413	-0.0473	0.061519
50	22.797	22.945	23.058	0.077447	22.613	22.712	22.806	0.068582	-0.3082	-0.23291	-0.1507	0.048443
100	22.797	22.945	23.058	0.077447	23.049	23.192	23.35	0.10041	0.1281	0.24677	0.3193	0.054843
150	22.702	22.887	23.016	0.11773	22.318	22.507	22.663	0.13096	-0.4836	-0.38008	-0.2826	0.054826

Device Test: 112.7 Prop Delay LO Off IIM Interlock Disable VIN_14V

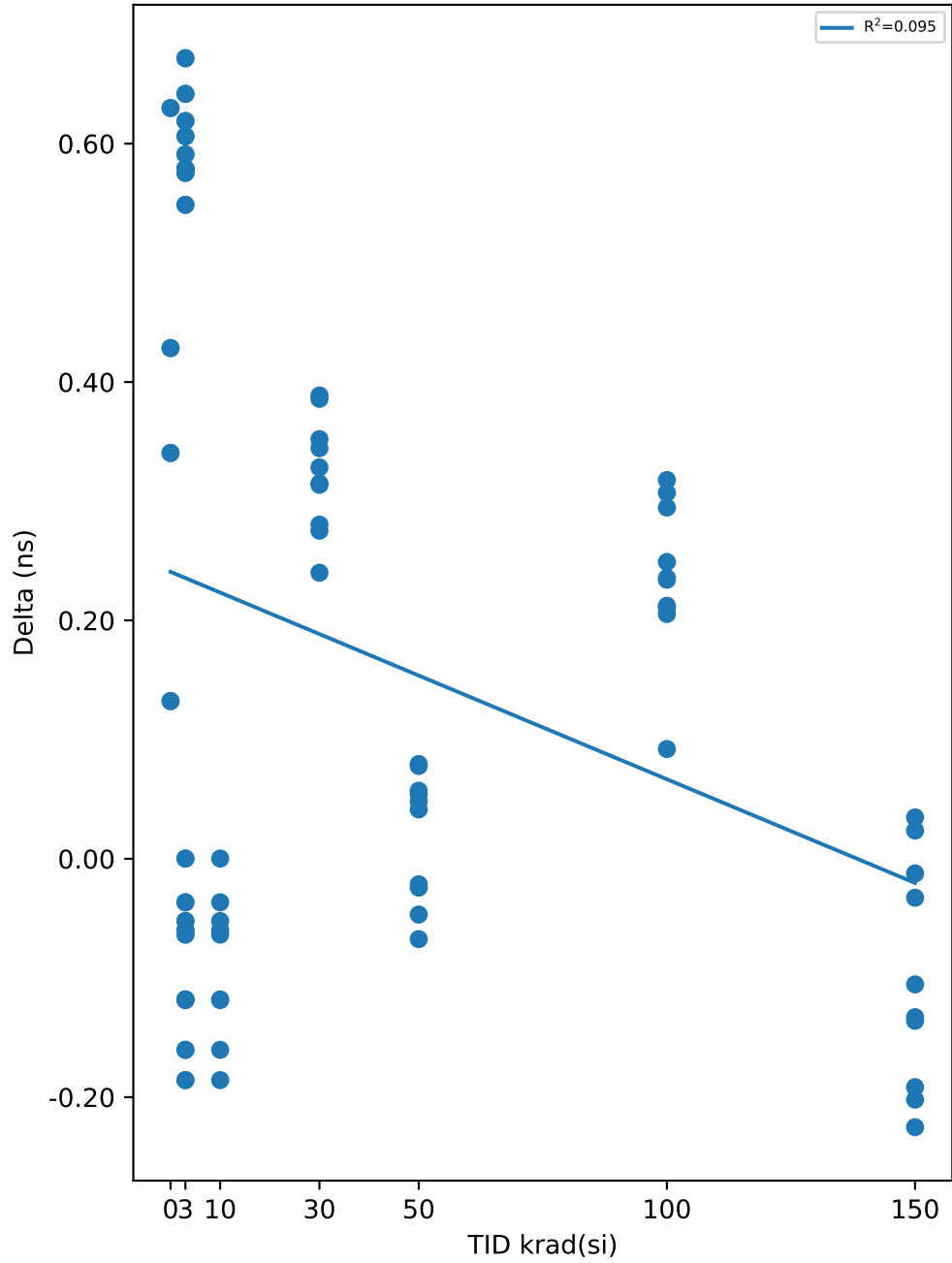
TID vs Result Stats



Test Results (Upper Limit = 38.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	27.137	27.566	0.4285
2	0	CORRELATION	26.805	27.435	0.6299
259	3	LDR Biased	27.19	27.739	0.5487
426	3	LDR Biased	27.015	27.606	0.591
427	3	LDR Biased	26.939	27.514	0.5755
428	3	LDR Biased	26.971	27.549	0.5787
429	3	LDR Unbiased	26.686	27.293	0.6062
430	3	LDR Unbiased	26.984	27.603	0.619
431	3	LDR Unbiased	27.012	27.591	0.5791
432	3	LDR Unbiased	26.915	27.587	0.6717
433	3	LDR Unbiased	27.182	27.824	0.6418
1259	10	LDR Biased	27.19	27.071	-0.1186
1426	10	LDR Biased	27.015	26.955	-0.0598
1427	10	LDR Biased	26.939	26.753	-0.1857
1428	10	LDR Biased	26.971	26.971	0.0002
1429	10	LDR Unbiased	26.686	26.569	-0.118
1430	10	LDR Unbiased	26.984	26.932	-0.0522
1431	10	LDR Unbiased	27.012	26.851	-0.1603
1432	10	LDR Unbiased	26.915	26.851	-0.0636
1433	10	LDR Unbiased	27.182	27.145	-0.0365
2434	30	LDR Biased	26.945	27.225	0.2804
2435	30	LDR Biased	26.681	27.069	0.3887
2436	30	LDR Biased	26.953	27.193	0.24
2437	30	LDR Biased	26.851	27.196	0.3445
2438	30	LDR Biased	26.992	27.305	0.3138
2439	30	LDR Unbiased	27.085	27.4	0.3149
2440	30	LDR Unbiased	26.917	27.192	0.2753
2441	30	LDR Unbiased	27.137	27.466	0.3284
2443	30	LDR Unbiased	26.805	27.191	0.3859
2444	30	LDR Unbiased	26.836	27.188	0.3521
3434	50	LDR Biased	26.945	26.877	-0.0674
3435	50	LDR Biased	26.681	26.729	0.048
3436	50	LDR Biased	26.953	27.031	0.0779
3437	50	LDR Biased	26.851	26.931	0.0795
3438	50	LDR Biased	26.992	27.033	0.0414
3439	50	LDR Unbiased	27.085	27.139	0.0542
3440	50	LDR Unbiased	26.917	26.895	-0.0214
3441	50	LDR Unbiased	27.137	27.09	-0.0468
3443	50	LDR Unbiased	26.805	26.862	0.0571
3444	50	LDR Unbiased	26.836	26.812	-0.0242
4434	100	LDR Biased	26.945	27.037	0.0921
4435	100	LDR Biased	26.681	26.93	0.249
4436	100	LDR Biased	26.953	27.166	0.2123
4437	100	LDR Biased	26.851	27.057	0.2054
4438	100	LDR Biased	26.992	27.226	0.2341
4439	100	LDR Unbiased	27.085	27.38	0.2947
4440	100	LDR Unbiased	26.917	27.127	0.2105
4441	100	LDR Unbiased	27.137	27.373	0.2356
4443	100	LDR Unbiased	26.805	27.123	0.3178
4444	100	LDR Unbiased	26.836	27.143	0.3071
4500	150	LDR Biased	26.662	26.529	-0.1329
4501	150	LDR Biased	27.166	27.03	-0.1359
4502	150	LDR Biased	26.948	26.983	0.0347
4503	150	LDR Biased	26.835	26.823	-0.0123
4504	150	LDR Biased	26.702	26.596	-0.1054
4505	150	LDR Unbiased	26.908	26.716	-0.1916
4506	150	LDR Unbiased	26.952	26.919	-0.0327
4507	150	LDR Unbiased	26.586	26.61	0.0237
4508	150	LDR Unbiased	27.003	26.778	-0.2252
4509	150	LDR Unbiased	26.947	26.745	-0.2021

TID vs Post - Pre Exposure Delta

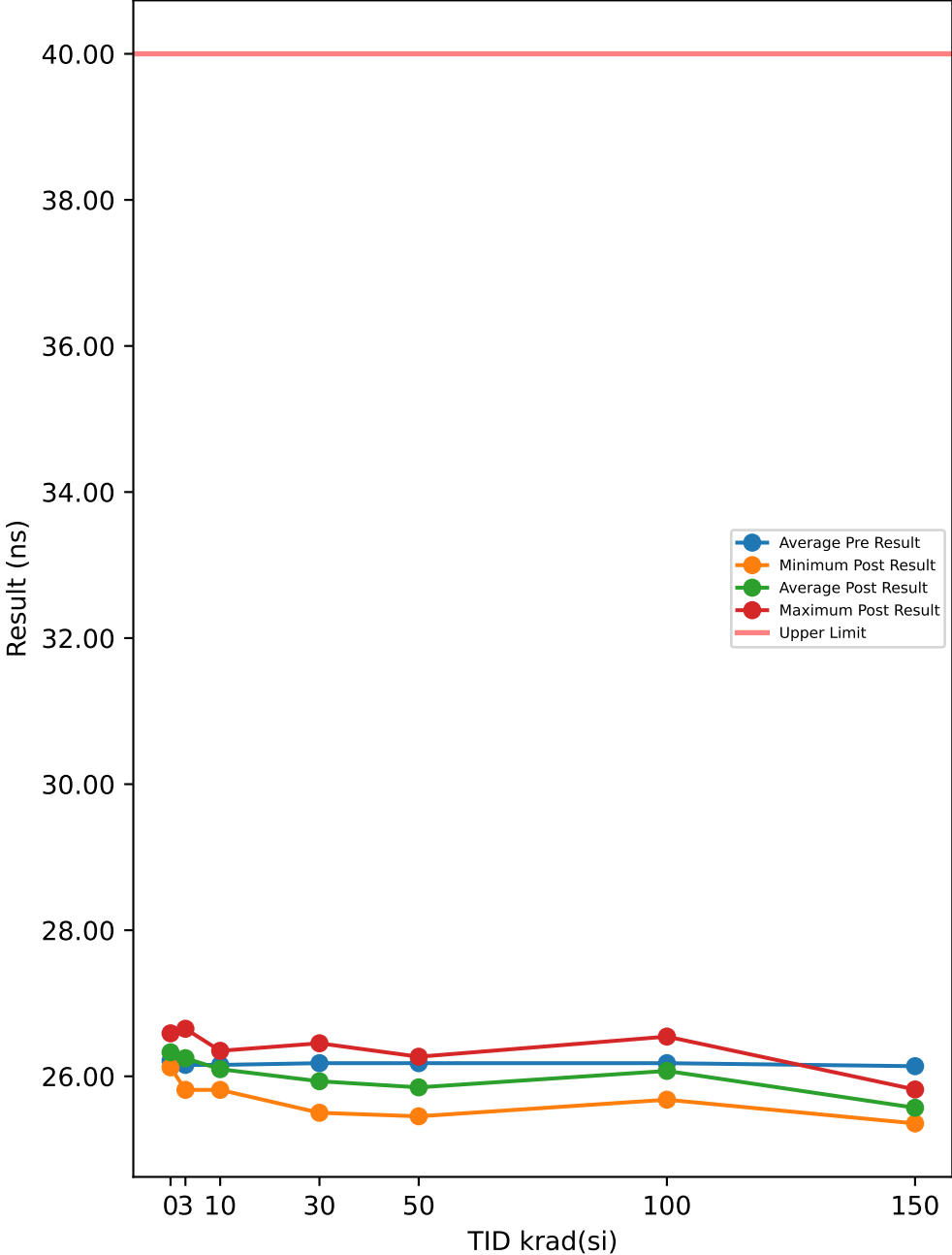


Test Statistics (ns)

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	26.805	26.971	27.137	0.23476	27.435	27.5	27.566	0.092348	0.4285	0.5292	0.6299	0.14241
3	26.686	26.988	27.19	0.14944	27.293	27.589	27.824	0.14702	0.5487	0.6013	0.6717	0.037874
10	26.686	26.988	27.19	0.14944	26.569	26.9	27.145	0.17138	-0.1857	-0.088278	0.0002	0.060943
30	26.681	26.92	27.137	0.13478	27.069	27.243	27.466	0.11622	0.24	0.3224	0.3887	0.048001
50	26.681	26.92	27.137	0.13478	26.729	26.94	27.139	0.13011	-0.0674	0.01983	0.0795	0.05421
100	26.681	26.92	27.137	0.13478	26.93	27.156	27.38	0.14119	0.0921	0.23586	0.3178	0.065167
150	26.586	26.871	27.166	0.17597	26.529	26.773	27.03	0.16838	-0.2252	-0.09797	0.0347	0.095752

Device Test: 112.8 Prop Delay HO On IIM Interlock Disable VIN_14V

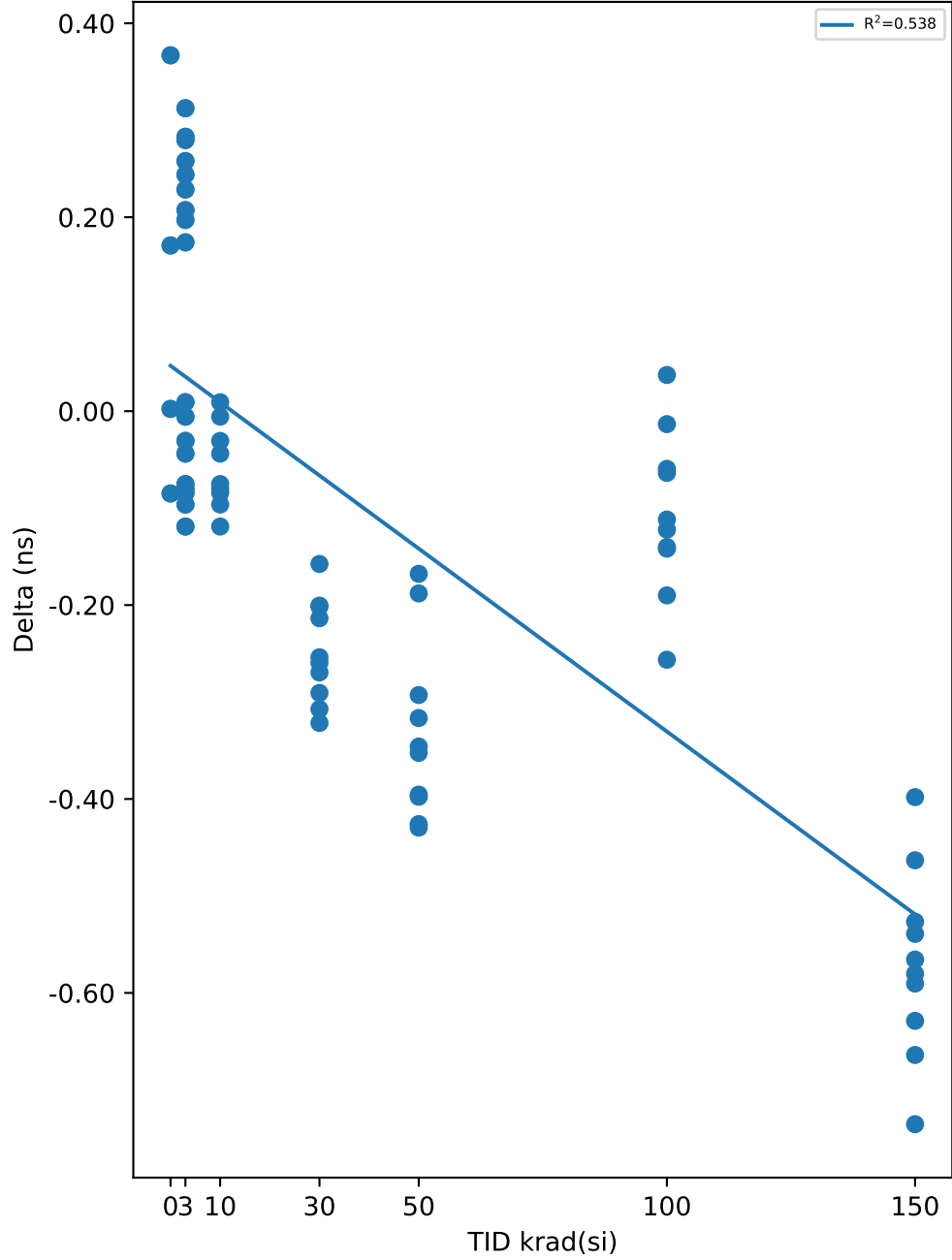
TID vs Result Stats



Test Results (Upper Limit = 40.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	26.221	26.588	0.367
2	0	CORRELATION	26.207	26.378	0.1709
259	3	LDR Biased	26.11	26.307	0.1972
426	3	LDR Biased	26.276	26.588	0.3124
427	3	LDR Biased	25.899	26.178	0.2796
428	3	LDR Biased	26.262	26.546	0.283
429	3	LDR Unbiased	25.991	26.235	0.2439
430	3	LDR Unbiased	26.151	26.38	0.2286
431	3	LDR Unbiased	26.185	26.36	0.1741
432	3	LDR Unbiased	26.393	26.651	0.2579
433	3	LDR Unbiased	26.137	26.344	0.2073
1259	10	LDR Biased	26.11	26.119	0.0092
1426	10	LDR Biased	26.276	26.245	-0.0307
1427	10	LDR Biased	25.899	25.814	-0.0844
1428	10	LDR Biased	26.262	26.257	-0.0057
1429	10	LDR Unbiased	25.991	25.872	-0.119
1430	10	LDR Unbiased	26.151	26.076	-0.0752
1431	10	LDR Unbiased	26.185	26.089	-0.0963
1432	10	LDR Unbiased	26.393	26.349	-0.0438
1433	10	LDR Unbiased	26.137	26.056	-0.0802
2434	30	LDR Biased	26.517	26.195	-0.3216
2435	30	LDR Biased	25.791	25.501	-0.2906
2436	30	LDR Biased	26.666	26.452	-0.2136
2437	30	LDR Biased	25.938	25.736	-0.2014
2438	30	LDR Biased	26.101	25.847	-0.2538
2439	30	LDR Unbiased	26.173	25.972	-0.2006
2440	30	LDR Unbiased	25.878	25.608	-0.2695
2441	30	LDR Unbiased	26.221	25.914	-0.3073
2443	30	LDR Unbiased	26.207	26.049	-0.1576
2444	30	LDR Unbiased	26.306	26.047	-0.2594
3434	50	LDR Biased	26.517	26.171	-0.3459
3435	50	LDR Biased	25.791	25.498	-0.2928
3436	50	LDR Biased	26.666	26.268	-0.3977
3437	50	LDR Biased	25.938	25.585	-0.3524
3438	50	LDR Biased	26.101	25.705	-0.3955
3439	50	LDR Unbiased	26.173	25.856	-0.3165
3440	50	LDR Unbiased	25.878	25.452	-0.4259
3441	50	LDR Unbiased	26.221	25.792	-0.4295
3443	50	LDR Unbiased	26.207	26.039	-0.1678
3444	50	LDR Unbiased	26.306	26.118	-0.188
4434	100	LDR Biased	26.517	26.26	-0.2564
4435	100	LDR Biased	25.791	25.68	-0.1118
4436	100	LDR Biased	26.666	26.544	-0.1222
4437	100	LDR Biased	25.938	25.798	-0.1401
4438	100	LDR Biased	26.101	25.911	-0.19
4439	100	LDR Unbiased	26.173	26.109	-0.0637
4440	100	LDR Unbiased	25.878	25.865	-0.0134
4441	100	LDR Unbiased	26.221	26.079	-0.1418
4443	100	LDR Unbiased	26.207	26.244	0.0373
4444	100	LDR Unbiased	26.306	26.247	-0.0595
4500	150	LDR Biased	26.41	25.819	-0.5904
4501	150	LDR Biased	26.187	25.523	-0.664
4502	150	LDR Biased	26.111	25.584	-0.5266
4503	150	LDR Biased	26.062	25.497	-0.5656
4504	150	LDR Biased	26.117	25.578	-0.5391
4505	150	LDR Unbiased	26.465	25.729	-0.7354
4506	150	LDR Unbiased	26.362	25.733	-0.6288
4507	150	LDR Unbiased	25.77	25.372	-0.3981
4508	150	LDR Unbiased	25.818	25.355	-0.4632
4509	150	LDR Unbiased	26.082	25.502	-0.5803

TID vs Post - Pre Exposure Delta

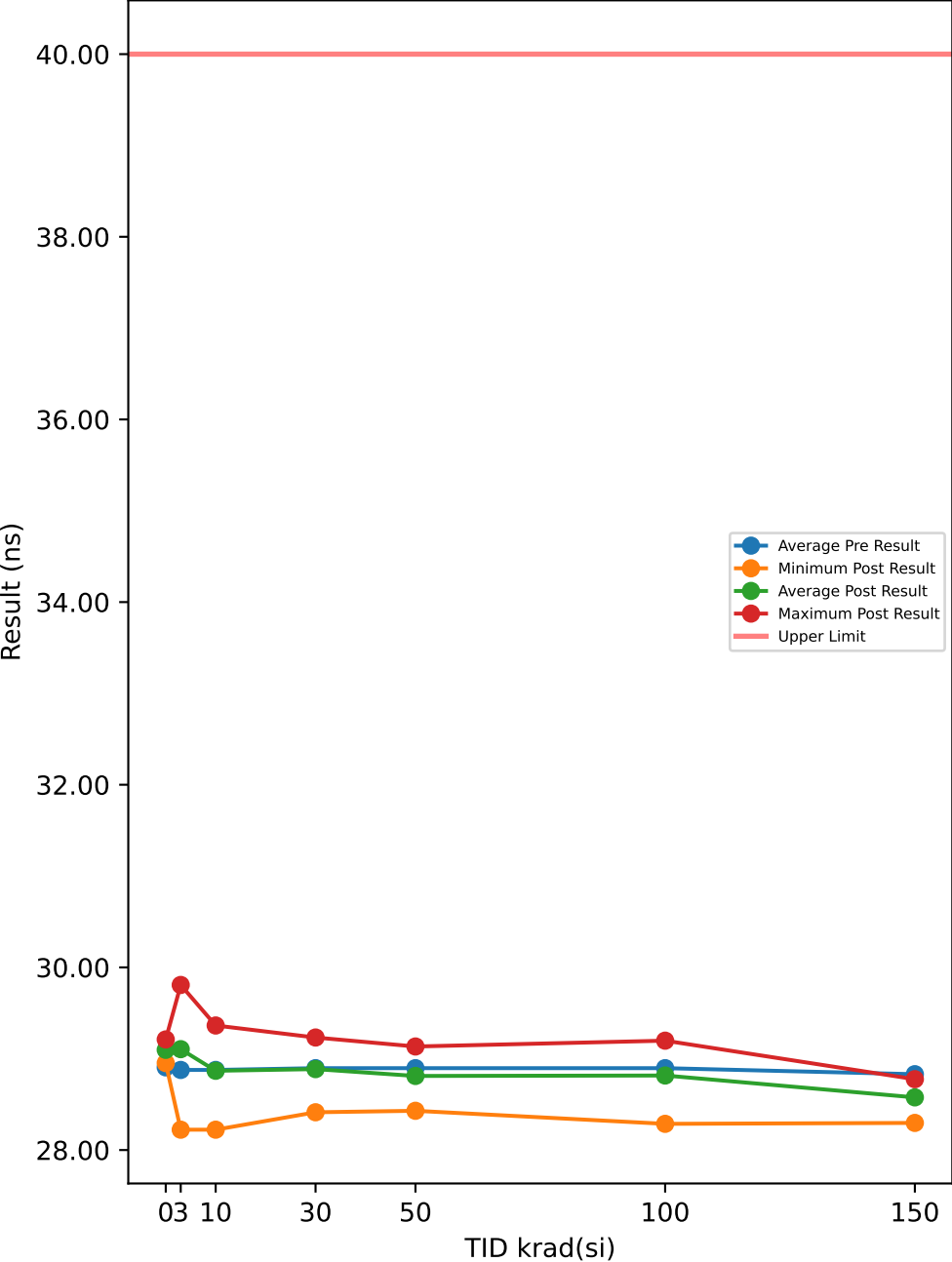


Test Statistics (ns)

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	26.207	26.214	26.221	0.010182	26.378	26.483	26.588	0.14885	0.1709	0.26895	0.367	0.13866
3	25.899	26.156	26.393	0.14953	26.178	26.399	26.651	0.16201	0.1741	0.24267	0.3124	0.045145
10	25.899	26.156	26.393	0.14953	25.814	26.098	26.349	0.1748	-0.119	-0.058456	0.0092	0.043113
30	25.791	26.18	26.666	0.27384	25.501	25.932	26.452	0.27983	-0.3216	-0.24754	-0.1576	0.052858
50	25.791	26.18	26.666	0.27384	25.452	25.849	26.268	0.29087	-0.4295	-0.3312	-0.1678	0.092346
100	25.791	26.18	26.666	0.27384	25.68	26.074	26.544	0.26195	-0.2564	-0.10616	0.0373	0.085295
150	25.77	26.138	26.465	0.2311	25.355	25.569	25.819	0.15347	-0.7354	-0.56915	-0.3981	0.096597

Device Test: 112.9 Prop Delay HO Off IIM Interlock Disable VIN_14V

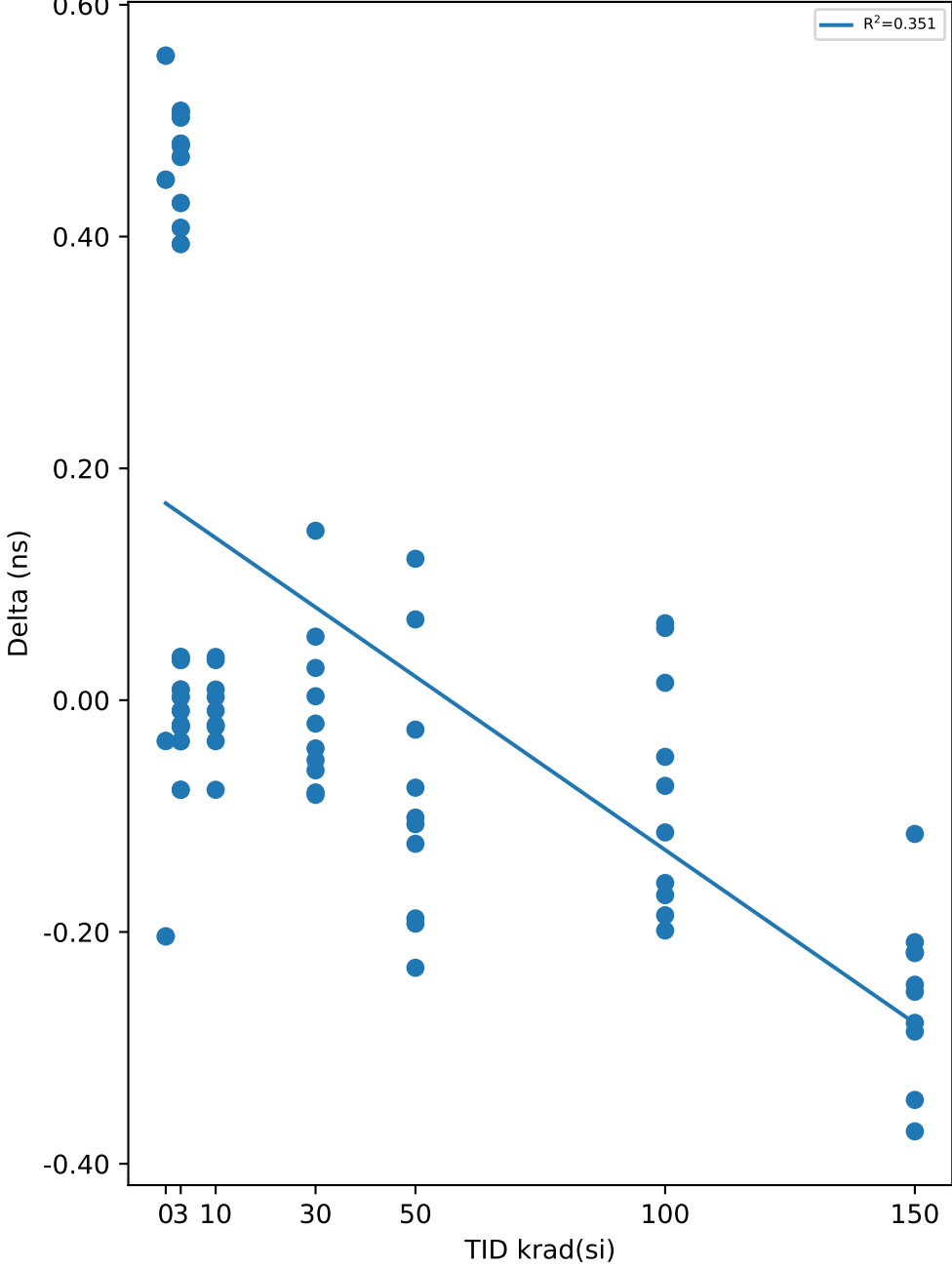
TID vs Result Stats



Test Results (Upper Limit = 40.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	29.156	29.121	-0.0352
2	0	CORRELATION	28.655	29.211	0.5561
259	3	LDR Biased	29.329	29.808	0.4784
426	3	LDR Biased	28.972	29.48	0.5085
427	3	LDR Biased	28.3	28.78	0.4802
428	3	LDR Biased	28.823	29.292	0.4687
429	3	LDR Unbiased	28.848	29.351	0.5027
430	3	LDR Unbiased	28.827	29.235	0.4075
431	3	LDR Unbiased	28.744	29.173	0.429
432	3	LDR Unbiased	29.173	29.68	0.5072
433	3	LDR Unbiased	28.878	29.271	0.3936
1259	10	LDR Biased	29.329	29.364	0.0346
1426	10	LDR Biased	28.972	28.95	-0.0214
1427	10	LDR Biased	28.3	28.223	-0.0773
1428	10	LDR Biased	28.823	28.86	0.0373
1429	10	LDR Unbiased	28.848	28.839	-0.0091
1430	10	LDR Unbiased	28.827	28.792	-0.0354
1431	10	LDR Unbiased	28.744	28.746	0.0027
1432	10	LDR Unbiased	29.173	29.15	-0.0229
1433	10	LDR Unbiased	28.878	28.887	0.0092
2434	30	LDR Biased	29.062	29.117	0.0548
2435	30	LDR Biased	28.455	28.413	-0.0416
2436	30	LDR Biased	29.312	29.232	-0.0796
2437	30	LDR Biased	28.732	28.65	-0.0817
2438	30	LDR Biased	28.957	28.897	-0.0605
2439	30	LDR Unbiased	29.03	29.033	0.0034
2440	30	LDR Unbiased	28.594	28.622	0.0278
2441	30	LDR Unbiased	29.156	29.104	-0.0517
2443	30	LDR Unbiased	28.655	28.635	-0.0202
2444	30	LDR Unbiased	29.012	29.158	0.1462
3434	50	LDR Biased	29.062	28.955	-0.107
3435	50	LDR Biased	28.455	28.43	-0.0254
3436	50	LDR Biased	29.312	29.119	-0.1928
3437	50	LDR Biased	28.732	28.656	-0.0755
3438	50	LDR Biased	28.957	28.727	-0.2309
3439	50	LDR Unbiased	29.03	28.842	-0.1883
3440	50	LDR Unbiased	28.594	28.493	-0.1013
3441	50	LDR Unbiased	29.156	29.032	-0.1239
3443	50	LDR Unbiased	28.655	28.725	0.0697
3444	50	LDR Unbiased	29.012	29.134	0.122
4434	100	LDR Biased	29.062	28.904	-0.1577
4435	100	LDR Biased	28.455	28.287	-0.1682
4436	100	LDR Biased	29.312	29.198	-0.1141
4437	100	LDR Biased	28.732	28.533	-0.1987
4438	100	LDR Biased	28.957	28.772	-0.1856
4439	100	LDR Unbiased	29.03	28.981	-0.0489
4440	100	LDR Unbiased	28.594	28.656	0.0623
4441	100	LDR Unbiased	29.156	29.082	-0.0739
4443	100	LDR Unbiased	28.655	28.67	0.015
4444	100	LDR Unbiased	29.012	29.078	0.0664
4500	150	LDR Biased	28.863	28.646	-0.2174
4501	150	LDR Biased	29.119	28.747	-0.372
4502	150	LDR Biased	28.773	28.527	-0.2455
4503	150	LDR Biased	28.7	28.448	-0.2516
4504	150	LDR Biased	28.605	28.386	-0.2182
4505	150	LDR Unbiased	29.12	28.776	-0.3449
4506	150	LDR Unbiased	29.043	28.757	-0.2859
4507	150	LDR Unbiased	28.412	28.297	-0.1154
4508	150	LDR Unbiased	28.792	28.583	-0.2088
4509	150	LDR Unbiased	28.878	28.6	-0.2784

TID vs Post - Pre Exposure Delta

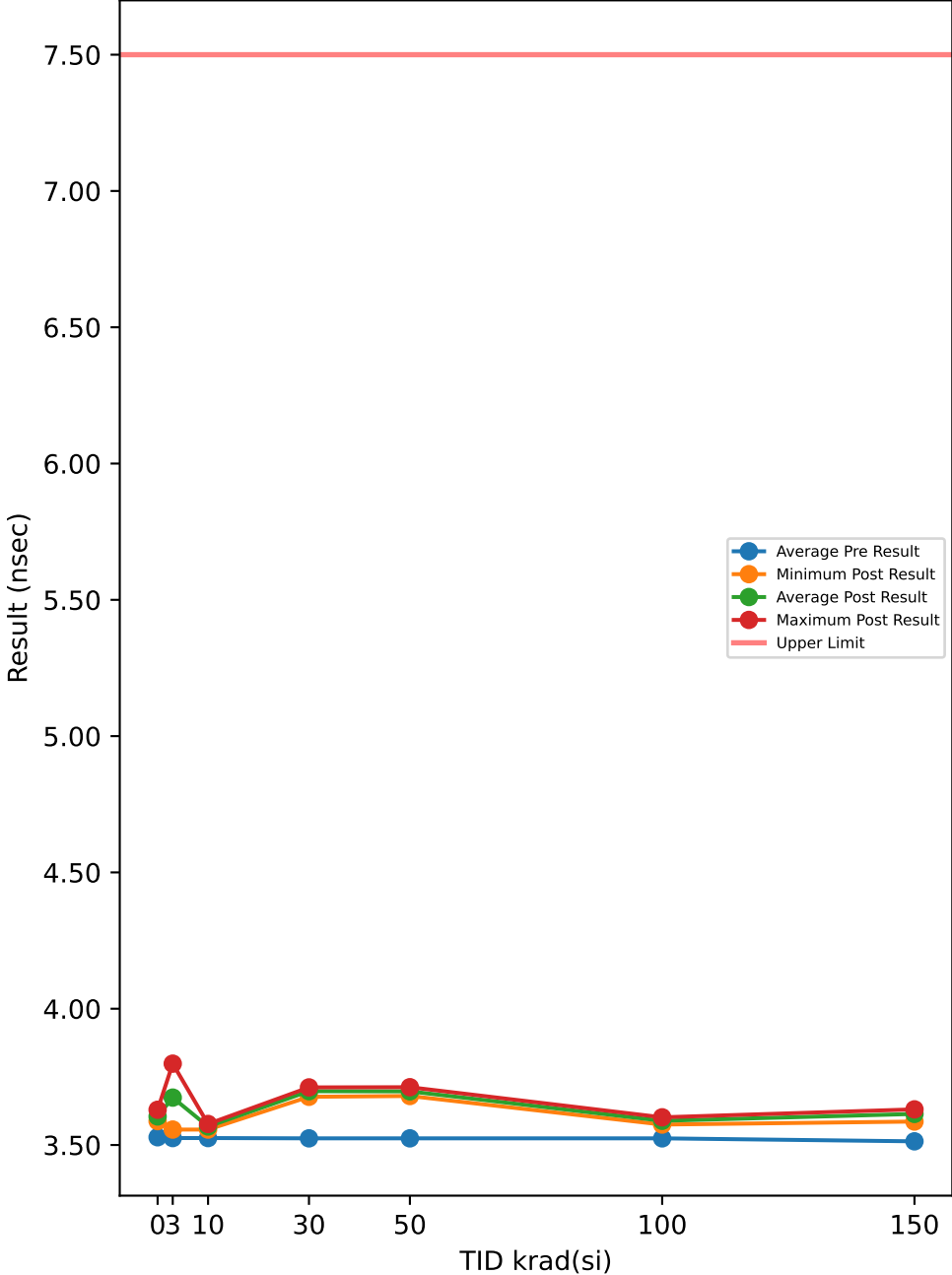


Test Statistics (ns)

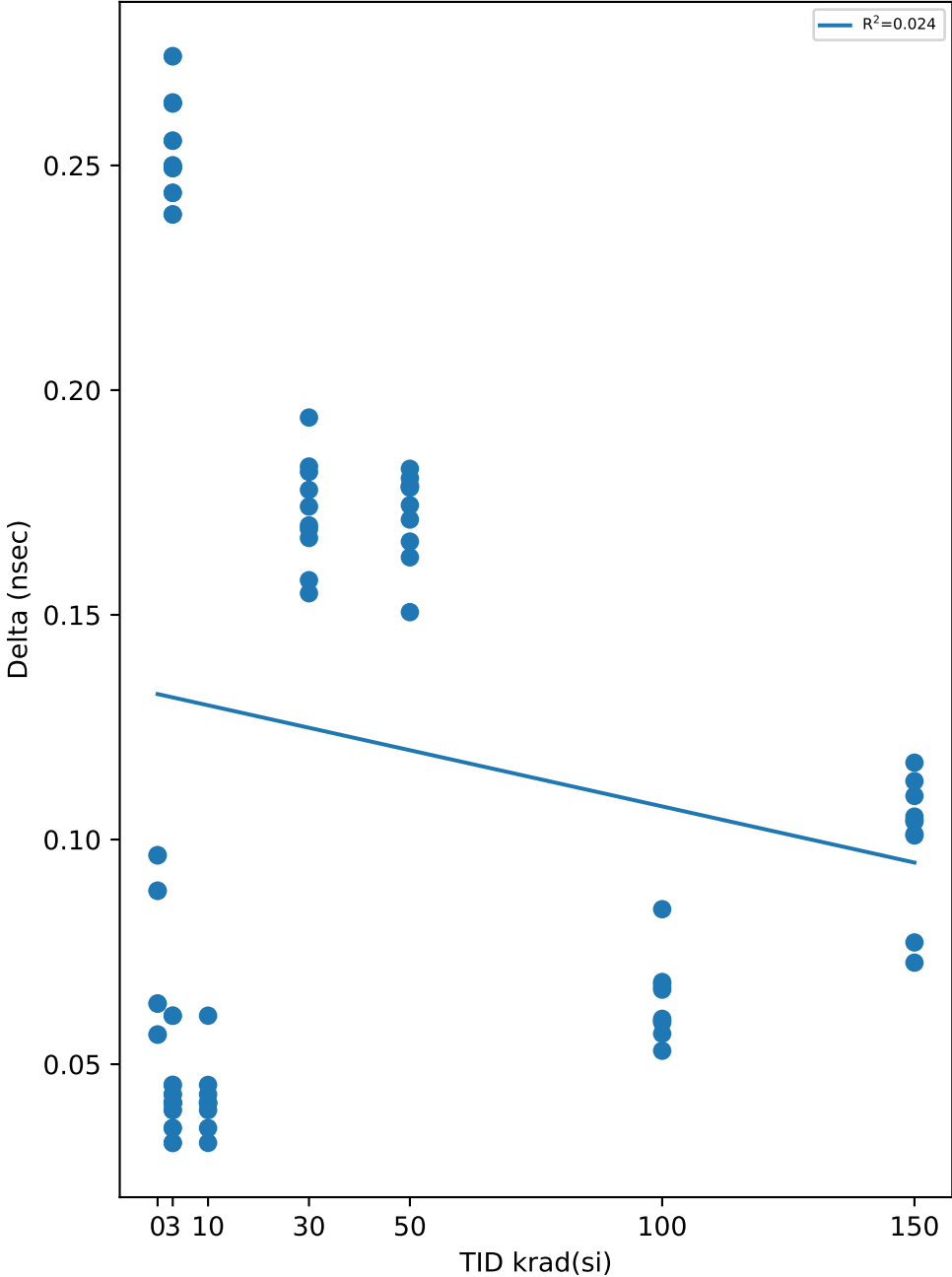
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	28.655	28.905	29.156	0.3544	29.121	29.166	29.211	0.06371	-0.0352	0.26045	0.5561	0.41811
3	28.3	28.877	29.329	0.28679	28.78	29.341	29.808	0.29867	0.3936	0.46398	0.5085	0.043603
10	28.3	28.877	29.329	0.28679	28.223	28.868	29.364	0.31032	-0.0773	-0.0091444	0.0373	0.035745
30	28.455	28.896	29.312	0.27366	28.413	28.886	29.232	0.28454	-0.0817	-0.01031	0.1462	0.071166
50	28.455	28.896	29.312	0.27366	28.43	28.811	29.134	0.24832	-0.2309	-0.08534	0.122	0.11366
100	28.455	28.896	29.312	0.27366	28.287	28.816	29.198	0.28465	-0.1987	-0.08034	0.0664	0.10107
150	28.412	28.831	29.12	0.22689	28.297	28.577	28.776	0.16318	-0.372	-0.25381	-0.1154	0.07284

Device Test: 115.0 Rise Time HO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 7.5 (nsec))

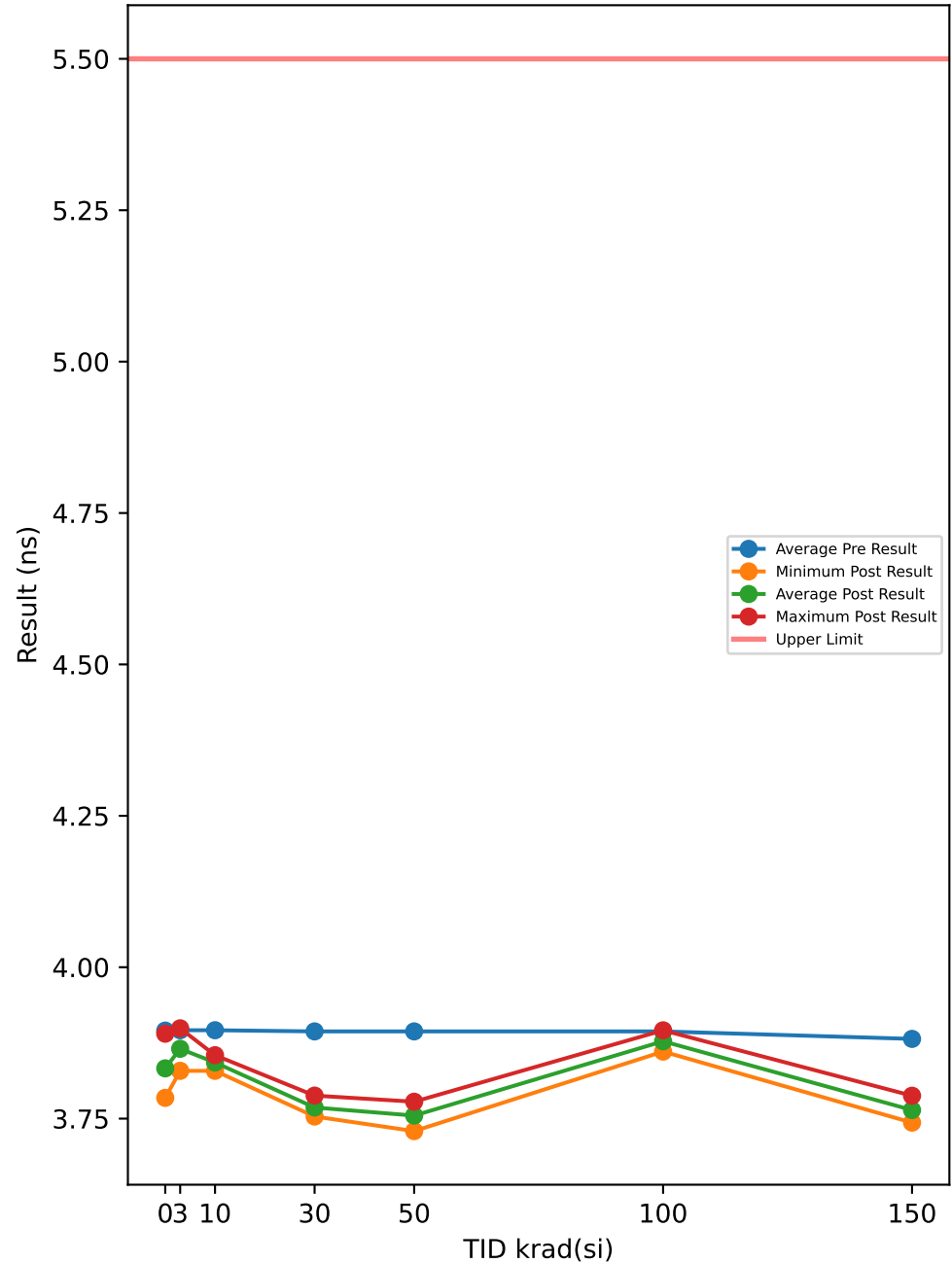
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.5241	3.5876	0.0635
2	0	CORRELATION	3.5327	3.5893	0.0566
259	3	LDR Biased	3.5163	3.7801	0.2638
426	3	LDR Biased	3.5258	3.7758	0.25
427	3	LDR Biased	3.5248	3.7742	0.2494
428	3	LDR Biased	3.534	3.7779	0.2439
429	3	LDR Unbiased	3.5303	3.7943	0.264
430	3	LDR Unbiased	3.5252	3.7643	0.2391
431	3	LDR Unbiased	3.5245	3.7741	0.2496
432	3	LDR Unbiased	3.5241	3.7984	0.2743
433	3	LDR Unbiased	3.5239	3.7794	0.2555
1259	10	LDR Biased	3.5163	3.5771	0.0608
1426	10	LDR Biased	3.5258	3.5616	0.0358
1427	10	LDR Biased	3.5248	3.5661	0.0413
1428	10	LDR Biased	3.534	3.5738	0.0398
1429	10	LDR Unbiased	3.5303	3.5736	0.0433
1430	10	LDR Unbiased	3.5252	3.5666	0.0414
1431	10	LDR Unbiased	3.5245	3.5699	0.0454
1432	10	LDR Unbiased	3.5241	3.5566	0.0325
1433	10	LDR Unbiased	3.5239	3.5654	0.0415
2434	30	LDR Biased	3.5326	3.7017	0.1691
2435	30	LDR Biased	3.522	3.6768	0.1548
2436	30	LDR Biased	3.5232	3.6903	0.1671
2437	30	LDR Biased	3.5141	3.6971	0.183
2438	30	LDR Biased	3.5317	3.6894	0.1577
2439	30	LDR Unbiased	3.517	3.7109	0.1939
2440	30	LDR Unbiased	3.5169	3.691	0.1741
2441	30	LDR Unbiased	3.5241	3.7019	0.1778
2443	30	LDR Unbiased	3.5327	3.7026	0.1699
2444	30	LDR Unbiased	3.5295	3.7113	0.1818
3434	50	LDR Biased	3.5326	3.7038	0.1712
3435	50	LDR Biased	3.522	3.7007	0.1787
3436	50	LDR Biased	3.5232	3.6976	0.1744
3437	50	LDR Biased	3.5141	3.6804	0.1663
3438	50	LDR Biased	3.5317	3.6823	0.1506
3439	50	LDR Unbiased	3.517	3.6974	0.1804
3440	50	LDR Unbiased	3.5169	3.6797	0.1628
3441	50	LDR Unbiased	3.5241	3.7025	0.1784
3443	50	LDR Unbiased	3.5327	3.711	0.1783
3444	50	LDR Unbiased	3.5295	3.712	0.1825
4434	100	LDR Biased	3.5326	3.5923	0.0597
4435	100	LDR Biased	3.522	3.575	0.053
4436	100	LDR Biased	3.5232	3.5915	0.0683
4437	100	LDR Biased	3.5141	3.5807	0.0666
4438	100	LDR Biased	3.5317	3.5885	0.0568
4439	100	LDR Unbiased	3.517	3.6015	0.0845
4440	100	LDR Unbiased	3.5169	3.577	0.0601
4441	100	LDR Unbiased	3.5241	3.5912	0.0671
4443	100	LDR Unbiased	3.5327	3.592	0.0593
4444	100	LDR Unbiased	3.5295	3.5974	0.0679
4500	150	LDR Biased	3.5158	3.6167	0.1009
4501	150	LDR Biased	3.5188	3.62	0.1012
4502	150	LDR Biased	3.5103	3.6154	0.1051
4503	150	LDR Biased	3.517	3.621	0.104
4504	150	LDR Biased	3.5095	3.6225	0.113
4505	150	LDR Unbiased	3.5136	3.6307	0.1171
4506	150	LDR Unbiased	3.5195	3.6238	0.1043
4507	150	LDR Unbiased	3.5021	3.6118	0.1097
4508	150	LDR Unbiased	3.5089	3.586	0.0771
4509	150	LDR Unbiased	3.5189	3.5915	0.0726

Test Statistics (nsec)

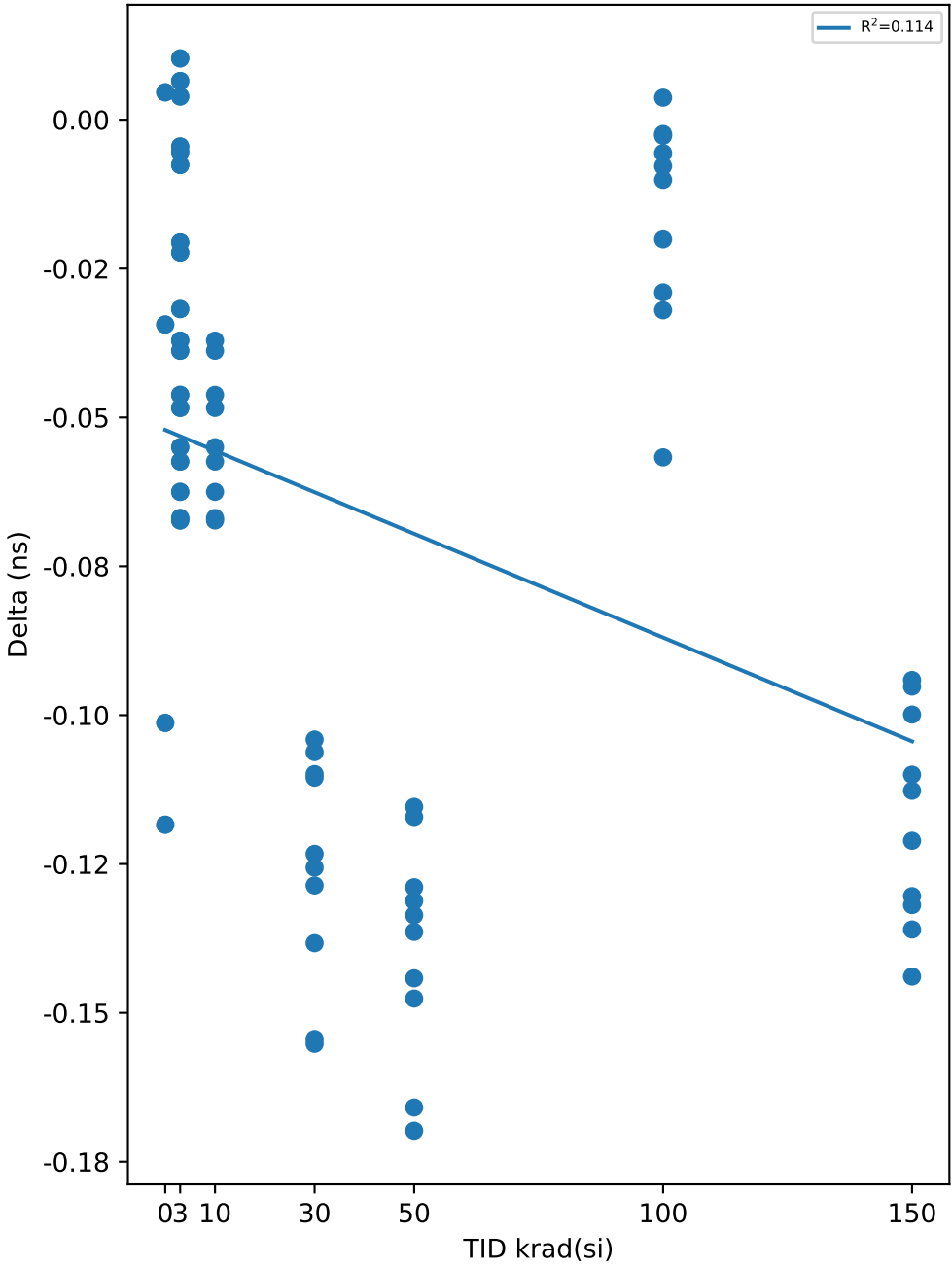
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5241	3.5284	3.5327	0.0060811	3.5876	3.5884	3.5893	0.0012021	0.0566	0.06005	0.0635	0.004879
3	3.5163	3.5254	3.534	0.0048229	3.7643	3.7798	3.7984	0.010489	0.2391	0.2544	0.2743	0.011121
10	3.5163	3.5254	3.534	0.0048229	3.5566	3.5679	3.5771	0.0064661	0.0325	0.042422	0.0608	0.0079034
30	3.5141	3.5244	3.5327	0.0069906	3.6768	3.6973	3.7113	0.010651	0.1548	0.17292	0.1939	0.011848
50	3.5141	3.5244	3.5327	0.0069906	3.6797	3.6967	3.712	0.012028	0.1506	0.17236	0.1825	0.009925
100	3.5141	3.5244	3.5327	0.0069906	3.575	3.5887	3.6015	0.0086029	0.053	0.06433	0.0845	0.0088057
150	3.5021	3.5134	3.5195	0.0056581	3.586	3.6139	3.6307	0.014285	0.0726	0.1005	0.1171	0.014495

Device Test: 115.1 Fall Time HO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 5.5 (ns))

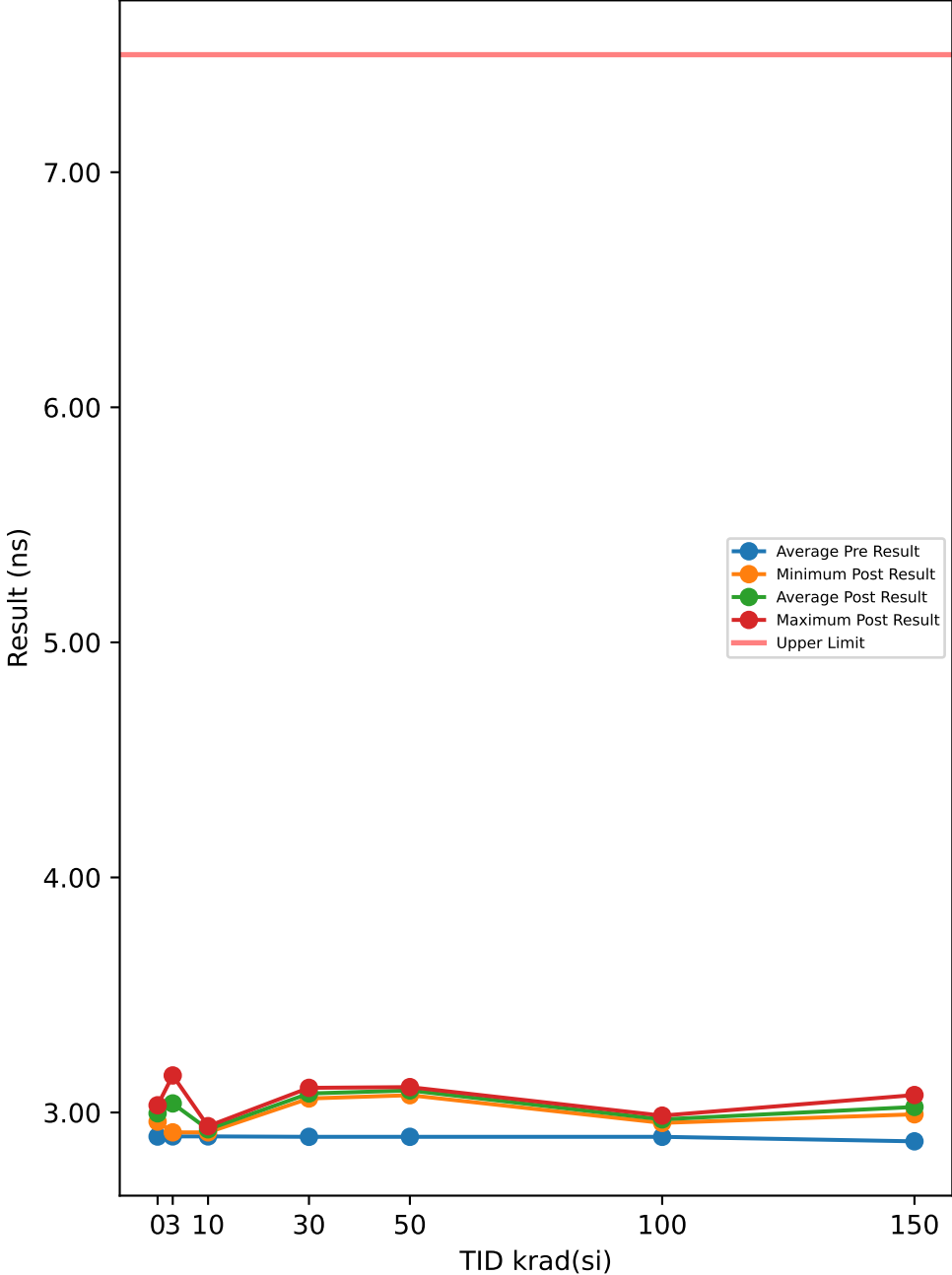
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8856	3.8902	0.0046
2	0	CORRELATION	3.9051	3.8707	-0.0344
259	3	LDR Biased	3.8863	3.8818	-0.0045
426	3	LDR Biased	3.8852	3.8891	0.0039
427	3	LDR Biased	3.9094	3.8871	-0.0223
428	3	LDR Biased	3.9031	3.8825	-0.0206
429	3	LDR Unbiased	3.8888	3.8991	0.0103
430	3	LDR Unbiased	3.8936	3.886	-0.0076
431	3	LDR Unbiased	3.915	3.8832	-0.0318
432	3	LDR Unbiased	3.8995	3.8941	-0.0054
433	3	LDR Unbiased	3.8826	3.8891	0.0065
1259	10	LDR Biased	3.8863	3.8289	-0.0574
1426	10	LDR Biased	3.8852	3.839	-0.0462
1427	10	LDR Biased	3.9094	3.8425	-0.0669
1428	10	LDR Biased	3.9031	3.8547	-0.0484
1429	10	LDR Unbiased	3.8888	3.85	-0.0388
1430	10	LDR Unbiased	3.8936	3.8311	-0.0625
1431	10	LDR Unbiased	3.915	3.8477	-0.0673
1432	10	LDR Unbiased	3.8995	3.8445	-0.055
1433	10	LDR Unbiased	3.8826	3.8455	-0.0371
2434	30	LDR Biased	3.895	3.7664	-0.1286
2435	30	LDR Biased	3.8768	3.7535	-0.1233
2436	30	LDR Biased	3.9013	3.763	-0.1383
2437	30	LDR Biased	3.9174	3.763	-0.1544
2438	30	LDR Biased	3.9147	3.7595	-0.1552
2439	30	LDR Unbiased	3.8921	3.788	-0.1041
2440	30	LDR Unbiased	3.877	3.7665	-0.1105
2441	30	LDR Unbiased	3.8856	3.7794	-0.1062
2443	30	LDR Unbiased	3.9051	3.7795	-0.1256
2444	30	LDR Unbiased	3.8751	3.7652	-0.1099
3434	50	LDR Biased	3.895	3.7779	-0.1171
3435	50	LDR Biased	3.8768	3.7456	-0.1312
3436	50	LDR Biased	3.9013	3.7571	-0.1442
3437	50	LDR Biased	3.9174	3.7476	-0.1698
3438	50	LDR Biased	3.9147	3.7488	-0.1659
3439	50	LDR Unbiased	3.8921	3.7632	-0.1289
3440	50	LDR Unbiased	3.877	3.7294	-0.1476
3441	50	LDR Unbiased	3.8856	3.752	-0.1336
3443	50	LDR Unbiased	3.9051	3.7687	-0.1364
3444	50	LDR Unbiased	3.8751	3.7597	-0.1154
4434	100	LDR Biased	3.895	3.8849	-0.0101
4435	100	LDR Biased	3.8768	3.869	-0.0078
4436	100	LDR Biased	3.9013	3.8723	-0.029
4437	100	LDR Biased	3.9174	3.8607	-0.0567
4438	100	LDR Biased	3.9147	3.8827	-0.032
4439	100	LDR Unbiased	3.8921	3.8958	0.0037
4440	100	LDR Unbiased	3.877	3.8743	-0.0027
4441	100	LDR Unbiased	3.8856	3.88	-0.0056
4443	100	LDR Unbiased	3.9051	3.885	-0.0201
4444	100	LDR Unbiased	3.8751	3.8727	-0.0024
4500	150	LDR Biased	3.8819	3.7878	-0.0941
4501	150	LDR Biased	3.8951	3.7632	-0.1319
4502	150	LDR Biased	3.8753	3.7626	-0.1127
4503	150	LDR Biased	3.8833	3.7622	-0.1211
4504	150	LDR Biased	3.8679	3.7579	-0.11
4505	150	LDR Unbiased	3.8697	3.7745	-0.0952
4506	150	LDR Unbiased	3.8813	3.7814	-0.0999
4507	150	LDR Unbiased	3.8873	3.7434	-0.1439
4508	150	LDR Unbiased	3.8803	3.7443	-0.136
4509	150	LDR Unbiased	3.8944	3.764	-0.1304

Test Statistics (ns)

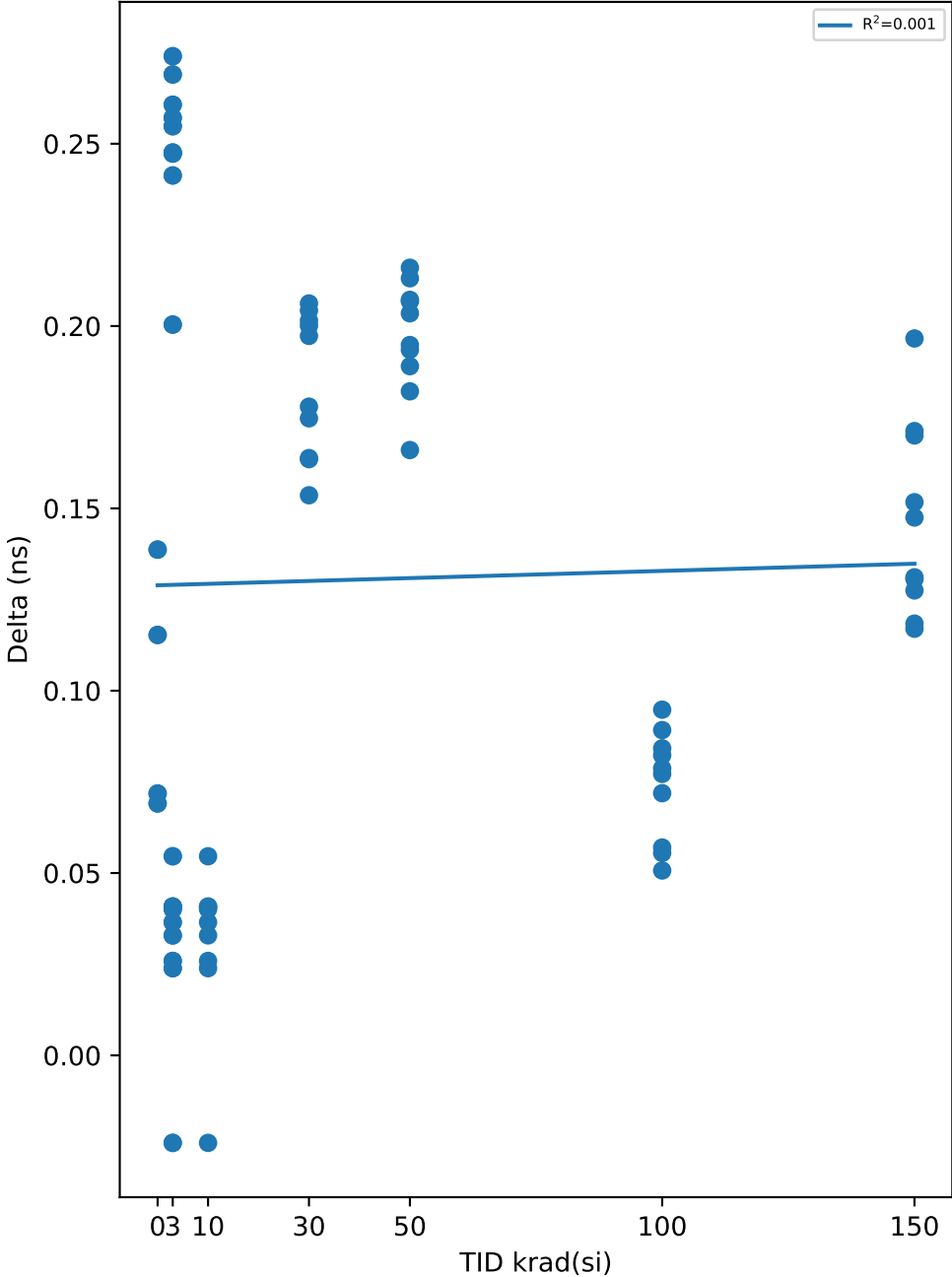
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.8856	3.8954	3.9051	0.013789	3.8707	3.8804	3.8902	0.013789	-0.0344	-0.0149	0.0046	0.027577
3	3.8826	3.8959	3.915	0.011462	3.8818	3.888	3.8991	0.0056941	-0.0318	-0.0079444	0.0103	0.014299
10	3.8826	3.8959	3.915	0.011462	3.8289	3.8427	3.8547	0.0084564	-0.0673	-0.053289	-0.0371	0.01136
30	3.8751	3.894	3.9174	0.015527	3.7535	3.7684	3.788	0.010571	-0.1552	-0.12561	-0.1041	0.018839
50	3.8751	3.894	3.9174	0.015527	3.7294	3.755	3.7779	0.013547	-0.1698	-0.13901	-0.1154	0.018284
100	3.8751	3.894	3.9174	0.015527	3.8607	3.8777	3.8958	0.0099634	-0.0567	-0.01627	0.0037	0.018432
150	3.8679	3.8816	3.8951	0.0091427	3.7434	3.7641	3.7878	0.014278	-0.1439	-0.11752	-0.0941	0.017826

Device Test: 115.2 Rise Time LO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 7.5 (ns))

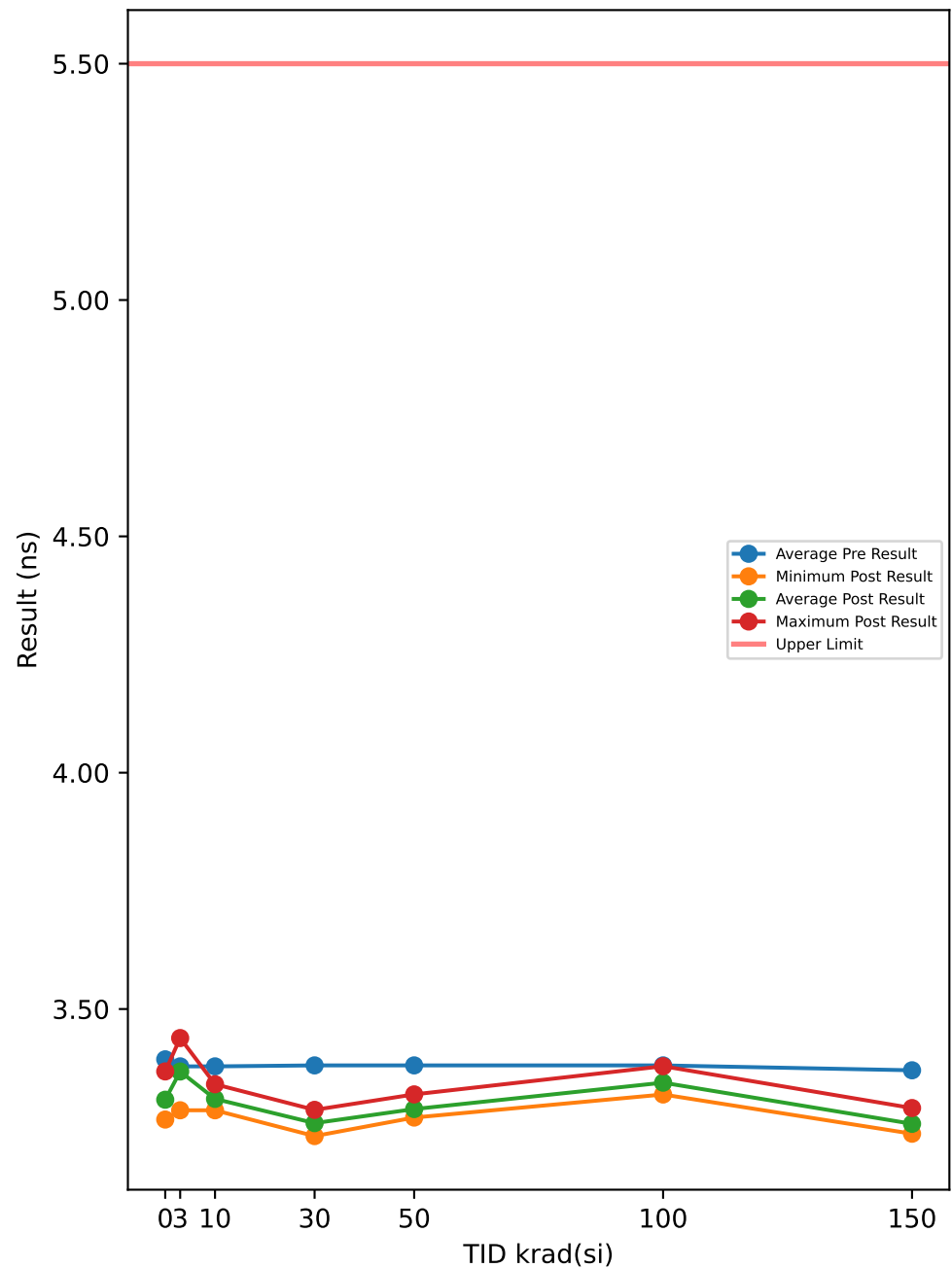
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.9034	2.9752	0.0718
2	0	CORRELATION	2.892	2.9611	0.0691
259	3	LDR Biased	2.875	3.144	0.269
426	3	LDR Biased	2.8721	3.1461	0.274
427	3	LDR Biased	2.9395	3.1399	0.2004
428	3	LDR Biased	2.8872	3.1348	0.2476
429	3	LDR Unbiased	2.9028	3.1576	0.2548
430	3	LDR Unbiased	2.9098	3.1571	0.2473
431	3	LDR Unbiased	2.9054	3.1467	0.2413
432	3	LDR Unbiased	2.8948	3.1555	0.2607
433	3	LDR Unbiased	2.8983	3.1554	0.2571
1259	10	LDR Biased	2.875	2.9158	0.0408
1426	10	LDR Biased	2.8721	2.9267	0.0546
1427	10	LDR Biased	2.9395	2.9155	-0.024
1428	10	LDR Biased	2.8872	2.9273	0.0401
1429	10	LDR Unbiased	2.9028	2.9357	0.0329
1430	10	LDR Unbiased	2.9098	2.9337	0.0239
1431	10	LDR Unbiased	2.9054	2.9419	0.0365
1432	10	LDR Unbiased	2.8948	2.9356	0.0408
1433	10	LDR Unbiased	2.8983	2.9242	0.0259
2434	30	LDR Biased	2.896	3.0595	0.1635
2435	30	LDR Biased	2.901	3.0789	0.1779
2436	30	LDR Biased	2.9087	3.0834	0.1747
2437	30	LDR Biased	2.9138	3.0776	0.1638
2438	30	LDR Biased	2.9075	3.0611	0.1536
2439	30	LDR Unbiased	2.8665	3.0727	0.2062
2440	30	LDR Unbiased	2.8848	3.0821	0.1973
2441	30	LDR Unbiased	2.9034	3.1049	0.2015
2443	30	LDR Unbiased	2.892	3.0963	0.2043
2444	30	LDR Unbiased	2.8919	3.092	0.2001
3434	50	LDR Biased	2.896	3.1028	0.2068
3435	50	LDR Biased	2.901	3.0945	0.1935
3436	50	LDR Biased	2.9087	3.0977	0.189
3437	50	LDR Biased	2.9138	3.0959	0.1821
3438	50	LDR Biased	2.9075	3.0735	0.166
3439	50	LDR Unbiased	2.8665	3.0737	0.2072
3440	50	LDR Unbiased	2.8848	3.0796	0.1948
3441	50	LDR Unbiased	2.9034	3.1069	0.2035
3443	50	LDR Unbiased	2.892	3.108	0.216
3444	50	LDR Unbiased	2.8919	3.105	0.2131
4434	100	LDR Biased	2.896	2.9732	0.0772
4435	100	LDR Biased	2.901	2.958	0.057
4436	100	LDR Biased	2.9087	2.9806	0.0719
4437	100	LDR Biased	2.9138	2.9693	0.0555
4438	100	LDR Biased	2.9075	2.9582	0.0507
4439	100	LDR Unbiased	2.8665	2.9557	0.0892
4440	100	LDR Unbiased	2.8848	2.969	0.0842
4441	100	LDR Unbiased	2.9034	2.9821	0.0787
4443	100	LDR Unbiased	2.892	2.9743	0.0823
4444	100	LDR Unbiased	2.8919	2.9867	0.0948
4500	150	LDR Biased	2.8807	3.0113	0.1306
4501	150	LDR Biased	2.8856	3.004	0.1184
4502	150	LDR Biased	2.8661	3.0373	0.1712
4503	150	LDR Biased	2.8813	3.0513	0.17
4504	150	LDR Biased	2.8753	2.9923	0.117
4505	150	LDR Unbiased	2.8777	3.0743	0.1966
4506	150	LDR Unbiased	2.8699	3.0216	0.1517
4507	150	LDR Unbiased	2.8815	3.0126	0.1311
4508	150	LDR Unbiased	2.8747	3.0022	0.1275
4509	150	LDR Unbiased	2.8808	3.0283	0.1475

Test Statistics (ns)

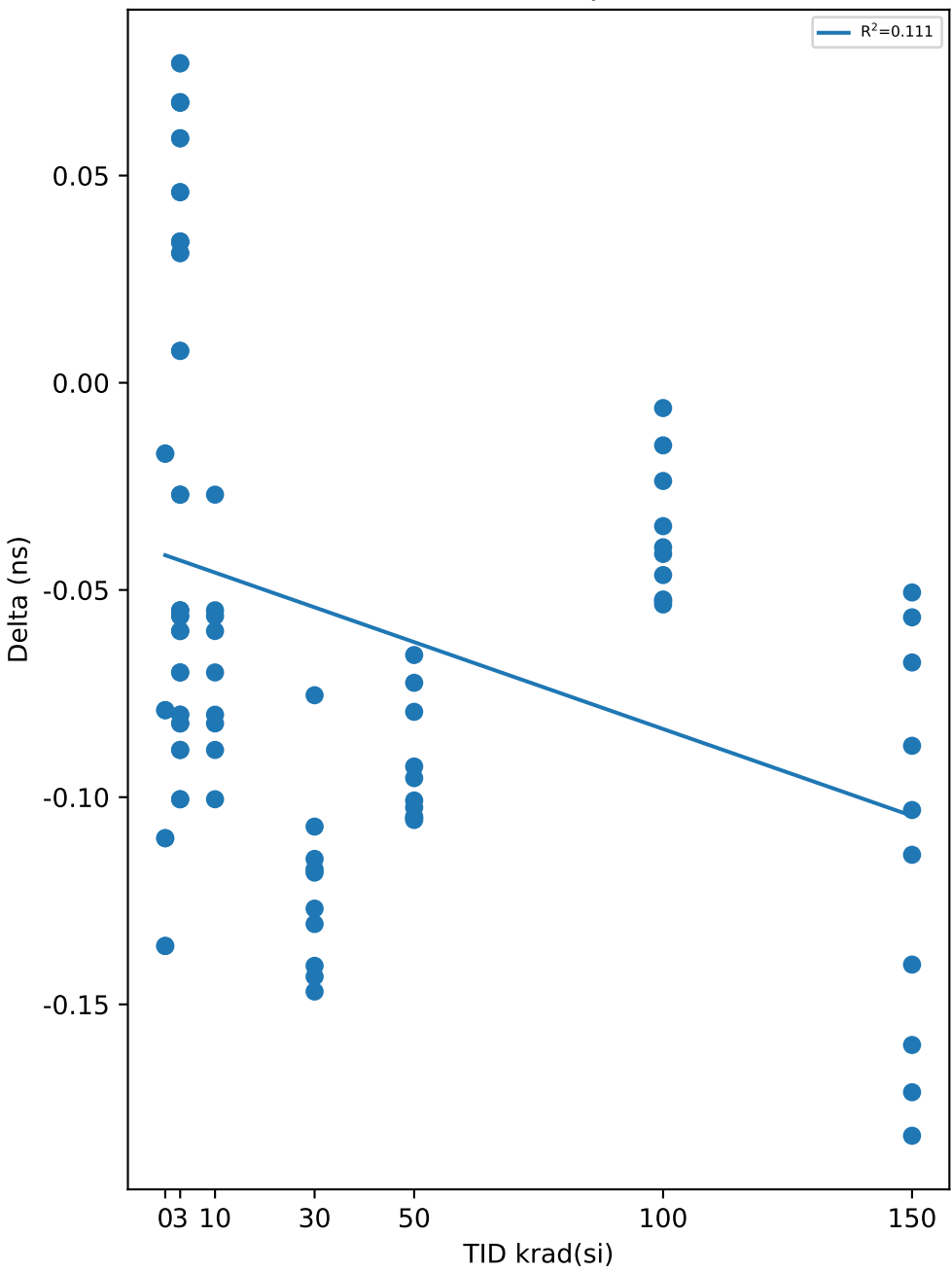
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.892	2.8977	2.9034	0.008061	2.9611	2.9682	2.9752	0.0099702	0.0691	0.07045	0.0718	0.0019092
3	2.8721	2.8983	2.9395	0.020203	3.1348	3.1486	3.1576	0.008248	0.2004	0.25024	0.274	0.021428
10	2.8721	2.8983	2.9395	0.020203	2.9155	2.9285	2.9419	0.0090988	-0.024	0.030167	0.0546	0.022251
30	2.8665	2.8966	2.9138	0.013806	3.0595	3.0809	3.1049	0.014438	0.1536	0.18429	0.2062	0.019784
50	2.8665	2.8966	2.9138	0.013806	3.0735	3.0938	3.108	0.013406	0.166	0.1972	0.216	0.01537
100	2.8665	2.8966	2.9138	0.013806	2.9557	2.9707	2.9867	0.010804	0.0507	0.07415	0.0948	0.015082
150	2.8661	2.8774	2.8856	0.0059388	2.9923	3.0235	3.0743	0.025046	0.117	0.14616	0.1966	0.026268

Device Test: 115.3 Fall Time LO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 5.5 (ns))

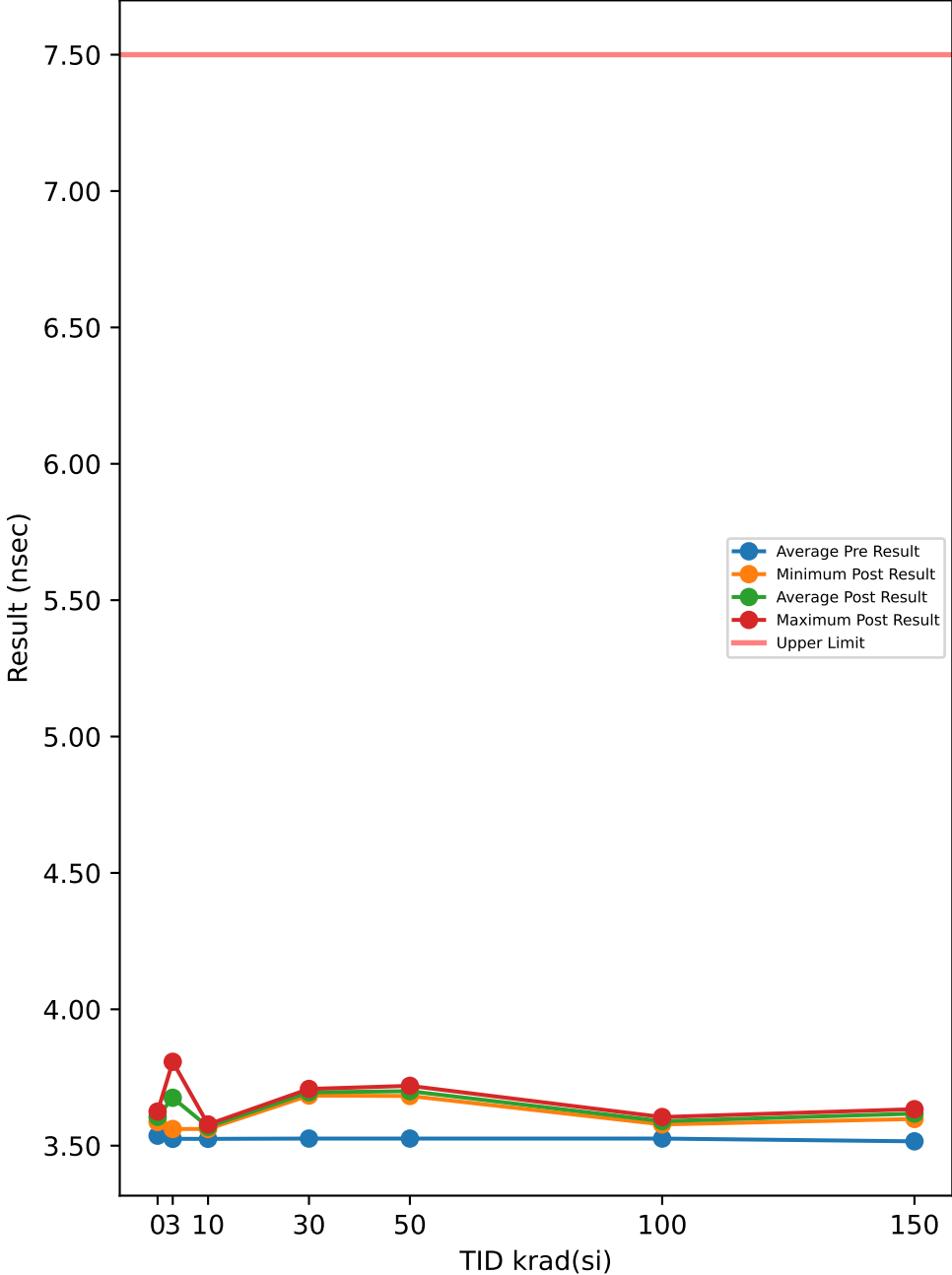
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.3851	3.368	-0.0171
2	0	CORRELATION	3.4021	3.3231	-0.079
259	3	LDR Biased	3.3519	3.4195	0.0676
426	3	LDR Biased	3.4008	3.4347	0.0339
427	3	LDR Biased	3.3928	3.4241	0.0313
428	3	LDR Biased	3.3863	3.394	0.0077
429	3	LDR Unbiased	3.3918	3.4259	0.0341
430	3	LDR Unbiased	3.364	3.423	0.059
431	3	LDR Unbiased	3.3923	3.4383	0.046
432	3	LDR Unbiased	3.3667	3.4344	0.0677
433	3	LDR Unbiased	3.3615	3.4386	0.0771
1259	10	LDR Biased	3.3519	3.3249	-0.027
1426	10	LDR Biased	3.4008	3.3409	-0.0599
1427	10	LDR Biased	3.3928	3.3106	-0.0822
1428	10	LDR Biased	3.3863	3.2858	-0.1005
1429	10	LDR Unbiased	3.3918	3.3032	-0.0886
1430	10	LDR Unbiased	3.364	3.3077	-0.0563
1431	10	LDR Unbiased	3.3923	3.3122	-0.0801
1432	10	LDR Unbiased	3.3667	3.2968	-0.0699
1433	10	LDR Unbiased	3.3615	3.3066	-0.0549
2434	30	LDR Biased	3.3893	3.2624	-0.1269
2435	30	LDR Biased	3.3663	3.2357	-0.1306
2436	30	LDR Biased	3.3821	3.2352	-0.1469
2437	30	LDR Biased	3.3729	3.2555	-0.1174
2438	30	LDR Biased	3.3719	3.2312	-0.1407
2439	30	LDR Unbiased	3.4016	3.2867	-0.1149
2440	30	LDR Unbiased	3.3453	3.2699	-0.0754
2441	30	LDR Unbiased	3.3851	3.278	-0.1071
2443	30	LDR Unbiased	3.4021	3.2588	-0.1433
2444	30	LDR Unbiased	3.3909	3.2727	-0.1182
3434	50	LDR Biased	3.3893	3.2846	-0.1047
3435	50	LDR Biased	3.3663	3.2869	-0.0794
3436	50	LDR Biased	3.3821	3.2895	-0.0926
3437	50	LDR Biased	3.3729	3.2704	-0.1025
3438	50	LDR Biased	3.3719	3.2711	-0.1008
3439	50	LDR Unbiased	3.4016	3.2965	-0.1051
3440	50	LDR Unbiased	3.3453	3.2729	-0.0724
3441	50	LDR Unbiased	3.3851	3.3194	-0.0657
3443	50	LDR Unbiased	3.4021	3.2966	-0.1055
3444	50	LDR Unbiased	3.3909	3.2955	-0.0954
4434	100	LDR Biased	3.3893	3.337	-0.0523
4435	100	LDR Biased	3.3663	3.3266	-0.0397
4436	100	LDR Biased	3.3821	3.3286	-0.0535
4437	100	LDR Biased	3.3729	3.3265	-0.0464
4438	100	LDR Biased	3.3719	3.3192	-0.0527
4439	100	LDR Unbiased	3.4016	3.3603	-0.0413
4440	100	LDR Unbiased	3.3453	3.3302	-0.0151
4441	100	LDR Unbiased	3.3851	3.379	-0.0061
4443	100	LDR Unbiased	3.4021	3.3675	-0.0346
4444	100	LDR Unbiased	3.3909	3.3672	-0.0237
4500	150	LDR Biased	3.348	3.2604	-0.0876
4501	150	LDR Biased	3.4141	3.2543	-0.1598
4502	150	LDR Biased	3.4124	3.2412	-0.1712
4503	150	LDR Biased	3.3073	3.2507	-0.0566
4504	150	LDR Biased	3.3239	3.2564	-0.0675
4505	150	LDR Unbiased	3.3758	3.2727	-0.1031
4506	150	LDR Unbiased	3.4019	3.2615	-0.1404
4507	150	LDR Unbiased	3.3616	3.2477	-0.1139
4508	150	LDR Unbiased	3.4179	3.2362	-0.1817
4509	150	LDR Unbiased	3.3411	3.2905	-0.0506

Test Statistics (ns)

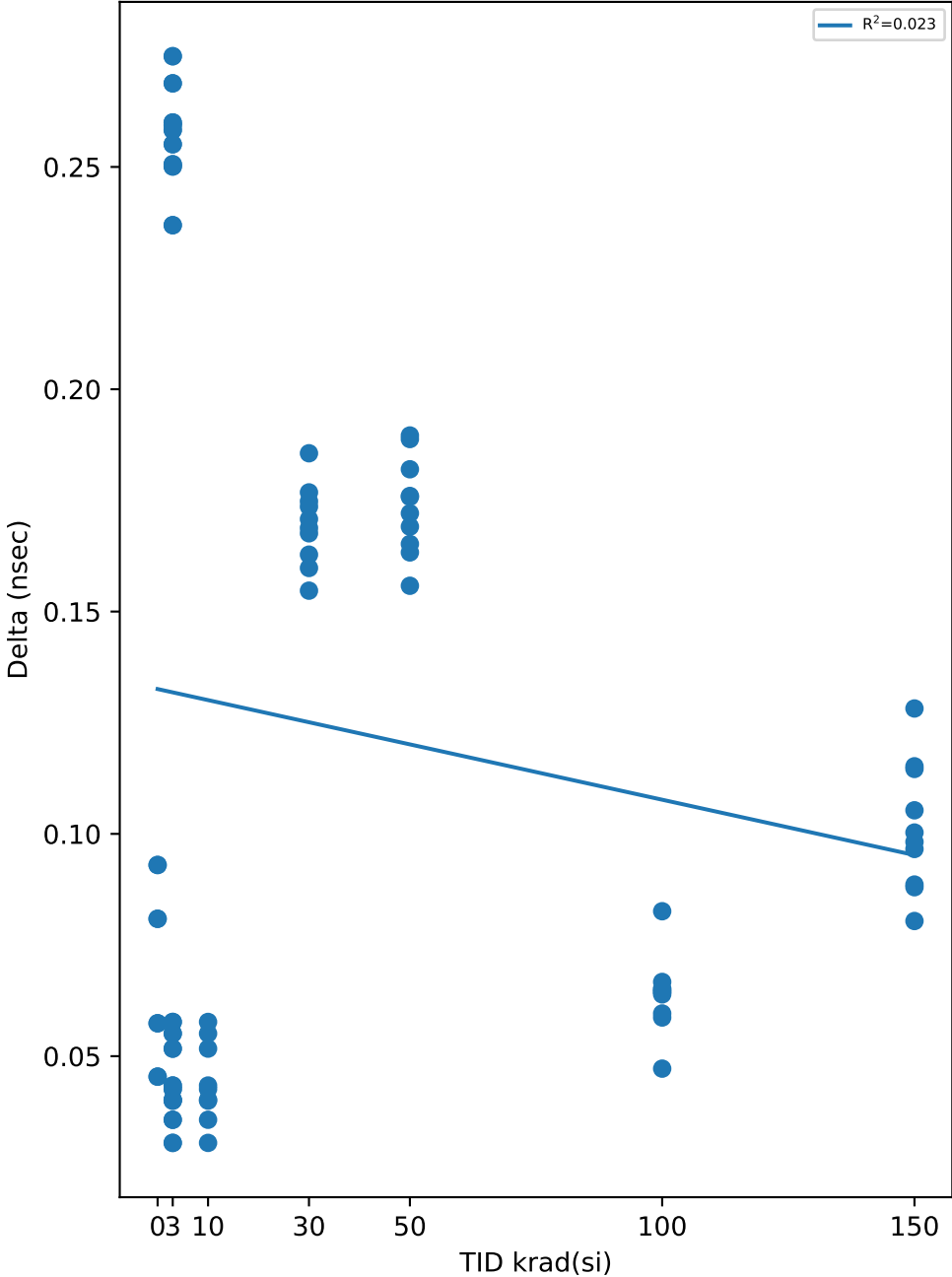
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.3851	3.3936	3.4021	0.012021	3.3231	3.3456	3.368	0.031749	-0.079	-0.04805	-0.0171	0.04377
3	3.3519	3.3787	3.4008	0.017592	3.394	3.4258	3.4386	0.013852	0.0077	0.047156	0.0771	0.022452
10	3.3519	3.3787	3.4008	0.017592	3.2858	3.3099	3.3409	0.01583	-0.1005	-0.068822	-0.027	0.022026
30	3.3453	3.3807	3.4021	0.017298	3.2312	3.2586	3.2867	0.019262	-0.1469	-0.12214	-0.0754	0.021084
50	3.3453	3.3807	3.4021	0.017298	3.2704	3.2883	3.3194	0.015002	-0.1055	-0.09241	-0.0657	0.014711
100	3.3453	3.3807	3.4021	0.017298	3.3192	3.3442	3.379	0.021811	-0.0535	-0.03654	-0.0061	0.016606
150	3.3073	3.3704	3.4179	0.040184	3.2362	3.2572	3.2905	0.015693	-0.1817	-0.11324	-0.0506	0.048231

Device Test: 116.0 Rise Time HO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 7.5 (nsec))

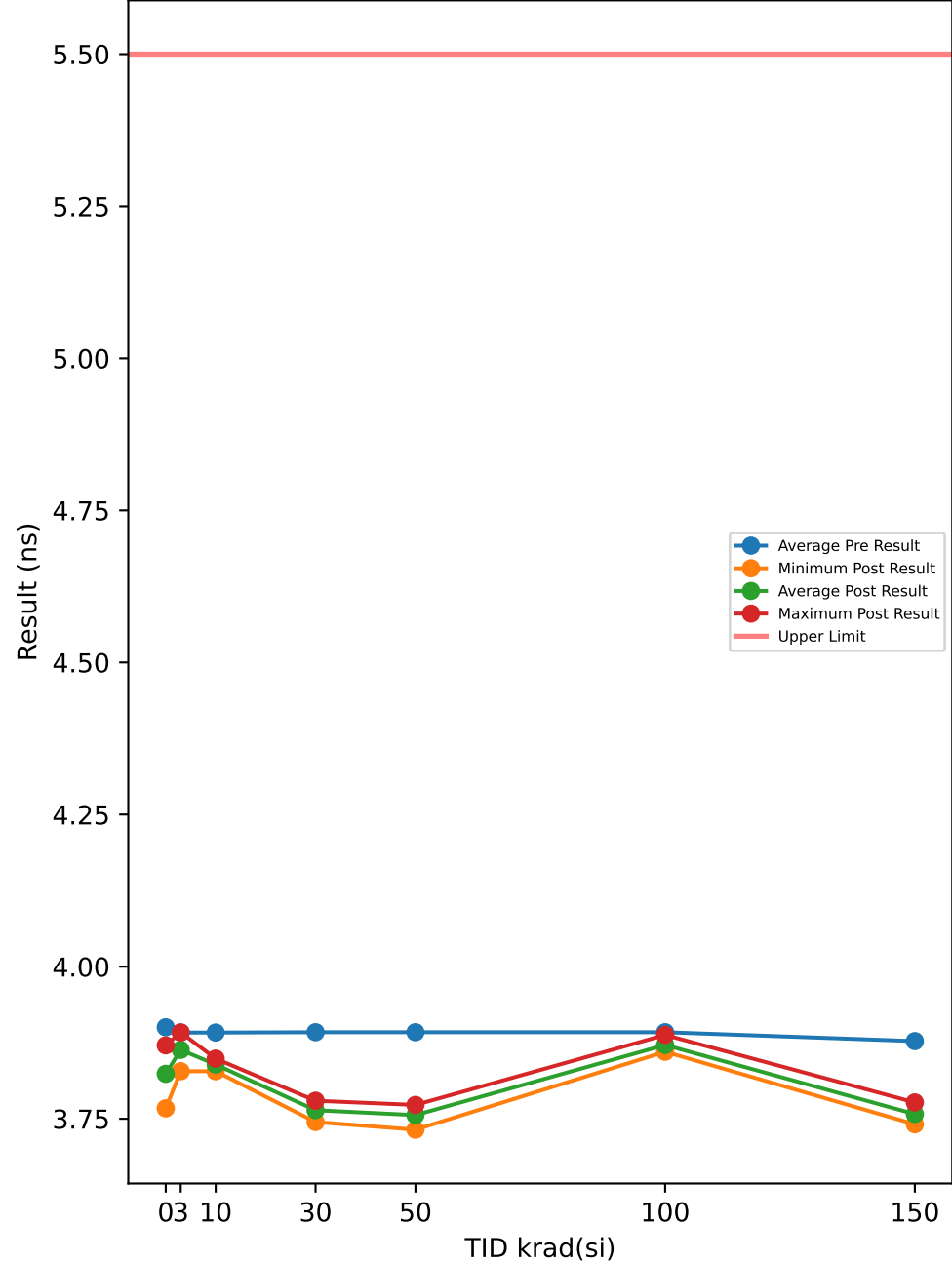
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.5292	3.5866	0.0574
2	0	CORRELATION	3.5442	3.5896	0.0454
259	3	LDR Biased	3.5202	3.7802	0.26
426	3	LDR Biased	3.5212	3.7806	0.2594
427	3	LDR Biased	3.5269	3.777	0.2501
428	3	LDR Biased	3.526	3.7811	0.2551
429	3	LDR Unbiased	3.5301	3.7884	0.2583
430	3	LDR Unbiased	3.5297	3.7666	0.2369
431	3	LDR Unbiased	3.5229	3.7735	0.2506
432	3	LDR Unbiased	3.5326	3.8075	0.2749
433	3	LDR Unbiased	3.5159	3.7847	0.2688
1259	10	LDR Biased	3.5202	3.5779	0.0577
1426	10	LDR Biased	3.5212	3.5612	0.04
1427	10	LDR Biased	3.5269	3.5626	0.0357
1428	10	LDR Biased	3.526	3.5686	0.0426
1429	10	LDR Unbiased	3.5301	3.5735	0.0434
1430	10	LDR Unbiased	3.5297	3.5699	0.0402
1431	10	LDR Unbiased	3.5229	3.5746	0.0517
1432	10	LDR Unbiased	3.5326	3.5631	0.0305
1433	10	LDR Unbiased	3.5159	3.571	0.0551
2434	30	LDR Biased	3.5298	3.6926	0.1628
2435	30	LDR Biased	3.514	3.6876	0.1736
2436	30	LDR Biased	3.5266	3.6954	0.1688
2437	30	LDR Biased	3.5161	3.6837	0.1676
2438	30	LDR Biased	3.5291	3.6889	0.1598
2439	30	LDR Unbiased	3.5224	3.708	0.1856
2440	30	LDR Unbiased	3.5189	3.6937	0.1748
2441	30	LDR Unbiased	3.5292	3.7	0.1708
2443	30	LDR Unbiased	3.5442	3.6989	0.1547
2444	30	LDR Unbiased	3.5306	3.7074	0.1768
3434	50	LDR Biased	3.5298	3.7118	0.182
3435	50	LDR Biased	3.514	3.7036	0.1896
3436	50	LDR Biased	3.5266	3.6987	0.1721
3437	50	LDR Biased	3.5161	3.6919	0.1758
3438	50	LDR Biased	3.5291	3.6849	0.1558
3439	50	LDR Unbiased	3.5224	3.6876	0.1652
3440	50	LDR Unbiased	3.5189	3.6822	0.1633
3441	50	LDR Unbiased	3.5292	3.7052	0.176
3443	50	LDR Unbiased	3.5442	3.7133	0.1691
3444	50	LDR Unbiased	3.5306	3.7194	0.1888
4434	100	LDR Biased	3.5298	3.595	0.0652
4435	100	LDR Biased	3.514	3.5779	0.0639
4436	100	LDR Biased	3.5266	3.591	0.0644
4437	100	LDR Biased	3.5161	3.5811	0.065
4438	100	LDR Biased	3.5291	3.5878	0.0587
4439	100	LDR Unbiased	3.5224	3.605	0.0826
4440	100	LDR Unbiased	3.5189	3.5785	0.0596
4441	100	LDR Unbiased	3.5292	3.5937	0.0645
4443	100	LDR Unbiased	3.5442	3.5914	0.0472
4444	100	LDR Unbiased	3.5306	3.5973	0.0667
4500	150	LDR Biased	3.5233	3.6286	0.1053
4501	150	LDR Biased	3.5256	3.6136	0.088
4502	150	LDR Biased	3.5142	3.6145	0.1003
4503	150	LDR Biased	3.5202	3.6168	0.0966
4504	150	LDR Biased	3.5111	3.6257	0.1146
4505	150	LDR Unbiased	3.5056	3.6338	0.1282
4506	150	LDR Unbiased	3.5085	3.6237	0.1152
4507	150	LDR Unbiased	3.512	3.6102	0.0982
4508	150	LDR Unbiased	3.5175	3.5979	0.0804
4509	150	LDR Unbiased	3.5215	3.6101	0.0886

Test Statistics (nsec)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5292	3.5367	3.5442	0.010607	3.5866	3.5881	3.5896	0.0021213	0.0454	0.0514	0.0574	0.0084853
3	3.5159	3.5251	3.5326	0.0054215	3.7666	3.7822	3.8075	0.011394	0.2369	0.25712	0.2749	0.011024
10	3.5159	3.5251	3.5326	0.0054215	3.5612	3.5692	3.5779	0.0058329	0.0305	0.0441	0.0577	0.0090416
30	3.514	3.5261	3.5442	0.0087708	3.6837	3.6956	3.708	0.0080719	0.1547	0.16953	0.1856	0.0089517
50	3.514	3.5261	3.5442	0.0087708	3.6822	3.6999	3.7194	0.012902	0.1558	0.17377	0.1896	0.010974
100	3.514	3.5261	3.5442	0.0087708	3.5779	3.5899	3.605	0.0087081	0.0472	0.06378	0.0826	0.0087262
150	3.5056	3.516	3.5256	0.0066935	3.5979	3.6175	3.6338	0.010601	0.0804	0.10154	0.1282	0.014594

Device Test: 116.1 Fall Time HO VIN_12V

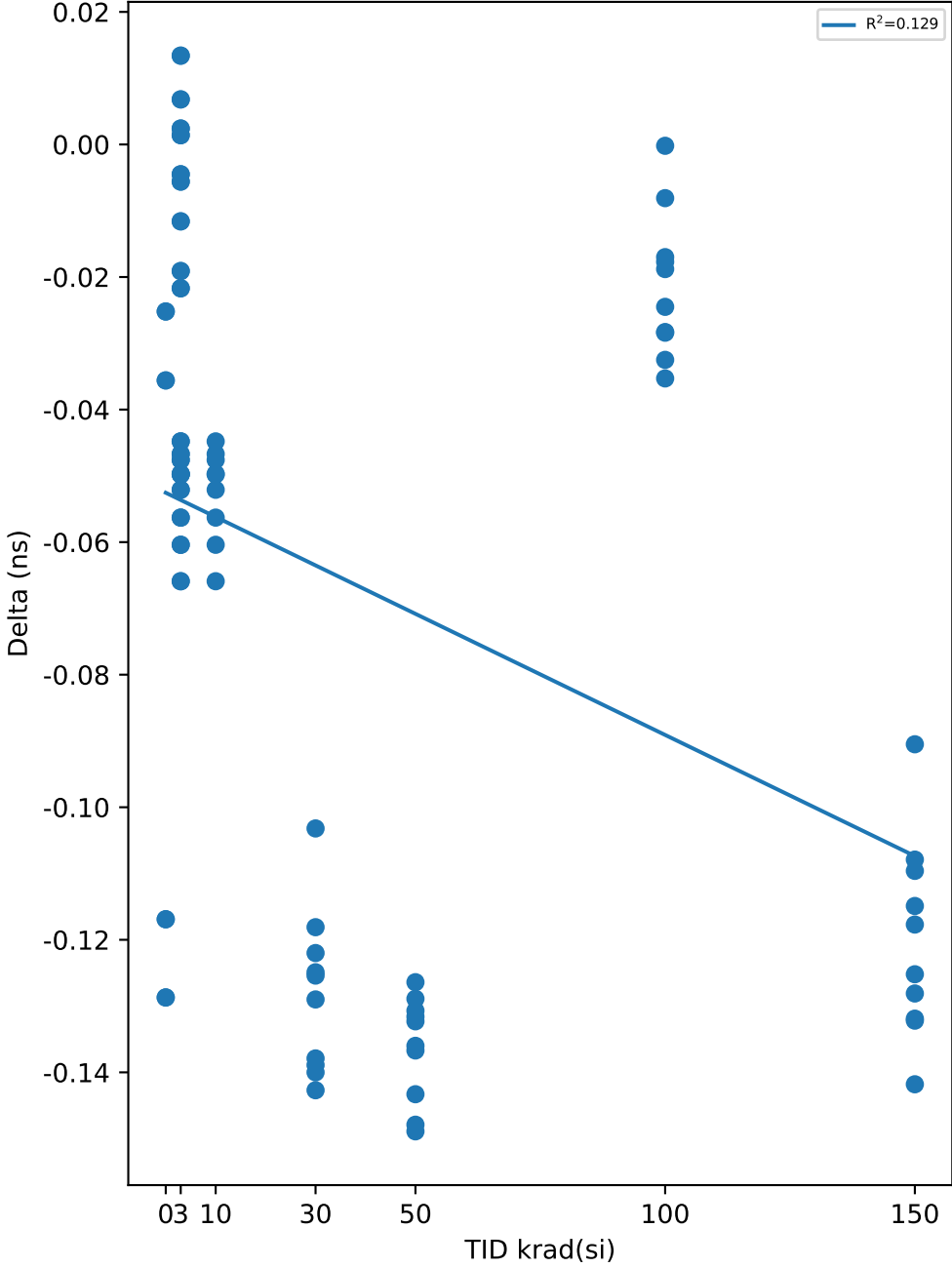
TID vs Result Stats



Test Results (Upper Limit = 5.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8958	3.8706	-0.0252
2	0	CORRELATION	3.905	3.8694	-0.0356
259	3	LDR Biased	3.8729	3.8863	0.0134
426	3	LDR Biased	3.8836	3.885	0.0014
427	3	LDR Biased	3.8887	3.8911	0.0024
428	3	LDR Biased	3.9048	3.8831	-0.0217
429	3	LDR Unbiased	3.8903	3.8847	-0.0056
430	3	LDR Unbiased	3.8851	3.8919	0.0068
431	3	LDR Unbiased	3.9092	3.8901	-0.0191
432	3	LDR Unbiased	3.8985	3.8869	-0.0116
433	3	LDR Unbiased	3.8922	3.8877	-0.0045
1259	10	LDR Biased	3.8729	3.8281	-0.0448
1426	10	LDR Biased	3.8836	3.8339	-0.0497
1427	10	LDR Biased	3.8887	3.842	-0.0467
1428	10	LDR Biased	3.9048	3.8389	-0.0659
1429	10	LDR Unbiased	3.8903	3.8427	-0.0476
1430	10	LDR Unbiased	3.8851	3.8288	-0.0563
1431	10	LDR Unbiased	3.9092	3.8488	-0.0604
1432	10	LDR Unbiased	3.8985	3.8464	-0.0521
1433	10	LDR Unbiased	3.8922	3.8424	-0.0498
2434	30	LDR Biased	3.888	3.7699	-0.1181
2435	30	LDR Biased	3.8846	3.7446	-0.14
2436	30	LDR Biased	3.9049	3.766	-0.1389
2437	30	LDR Biased	3.8974	3.7547	-0.1427
2438	30	LDR Biased	3.8943	3.7564	-0.1379
2439	30	LDR Unbiased	3.8962	3.7672	-0.129
2440	30	LDR Unbiased	3.8636	3.7604	-0.1032
2441	30	LDR Unbiased	3.8958	3.7738	-0.122
2443	30	LDR Unbiased	3.905	3.7796	-0.1254
2444	30	LDR Unbiased	3.8928	3.7679	-0.1249
3434	50	LDR Biased	3.888	3.7616	-0.1264
3435	50	LDR Biased	3.8846	3.7479	-0.1367
3436	50	LDR Biased	3.9049	3.756	-0.1489
3437	50	LDR Biased	3.8974	3.7541	-0.1433
3438	50	LDR Biased	3.8943	3.7636	-0.1307
3439	50	LDR Unbiased	3.8962	3.7483	-0.1479
3440	50	LDR Unbiased	3.8636	3.732	-0.1316
3441	50	LDR Unbiased	3.8958	3.7598	-0.136
3443	50	LDR Unbiased	3.905	3.7727	-0.1323
3444	50	LDR Unbiased	3.8928	3.7639	-0.1289
4434	100	LDR Biased	3.888	3.871	-0.017
4435	100	LDR Biased	3.8846	3.8601	-0.0245
4436	100	LDR Biased	3.9049	3.8765	-0.0284
4437	100	LDR Biased	3.8974	3.8621	-0.0353
4438	100	LDR Biased	3.8943	3.866	-0.0283
4439	100	LDR Unbiased	3.8962	3.8785	-0.0177
4440	100	LDR Unbiased	3.8636	3.8634	-0.0002
4441	100	LDR Unbiased	3.8958	3.8877	-0.0081
4443	100	LDR Unbiased	3.905	3.8725	-0.0325
4444	100	LDR Unbiased	3.8928	3.874	-0.0188
4500	150	LDR Biased	3.8736	3.7657	-0.1079
4501	150	LDR Biased	3.8827	3.7409	-0.1418
4502	150	LDR Biased	3.8756	3.7504	-0.1252
4503	150	LDR Biased	3.8778	3.7601	-0.1177
4504	150	LDR Biased	3.8637	3.7541	-0.1096
4505	150	LDR Unbiased	3.8673	3.7768	-0.0905
4506	150	LDR Unbiased	3.8874	3.7725	-0.1149
4507	150	LDR Unbiased	3.8812	3.749	-0.1322
4508	150	LDR Unbiased	3.8768	3.7449	-0.1319
4509	150	LDR Unbiased	3.8901	3.762	-0.1281

TID vs Post - Pre Exposure Delta

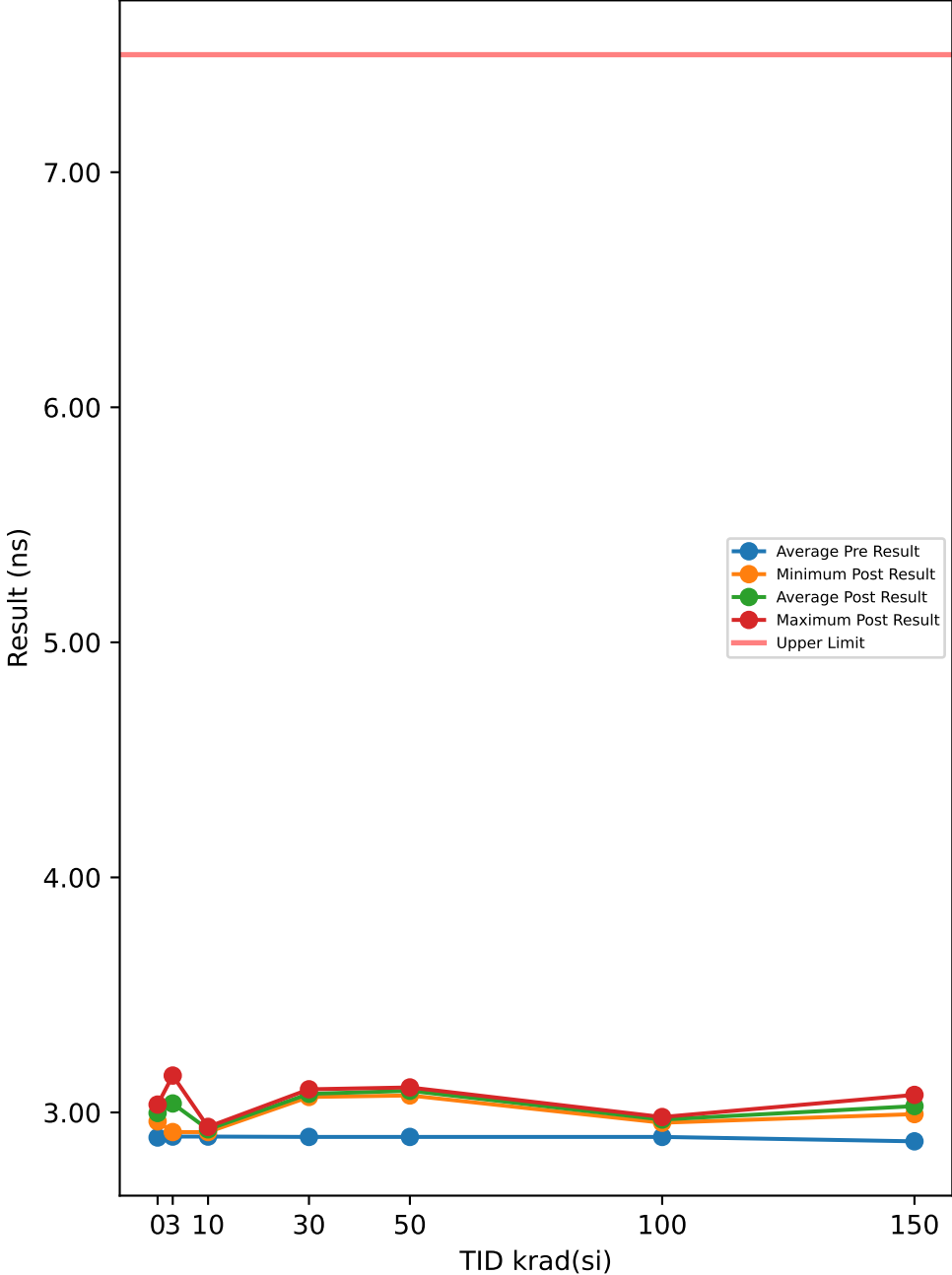


Test Statistics (ns)

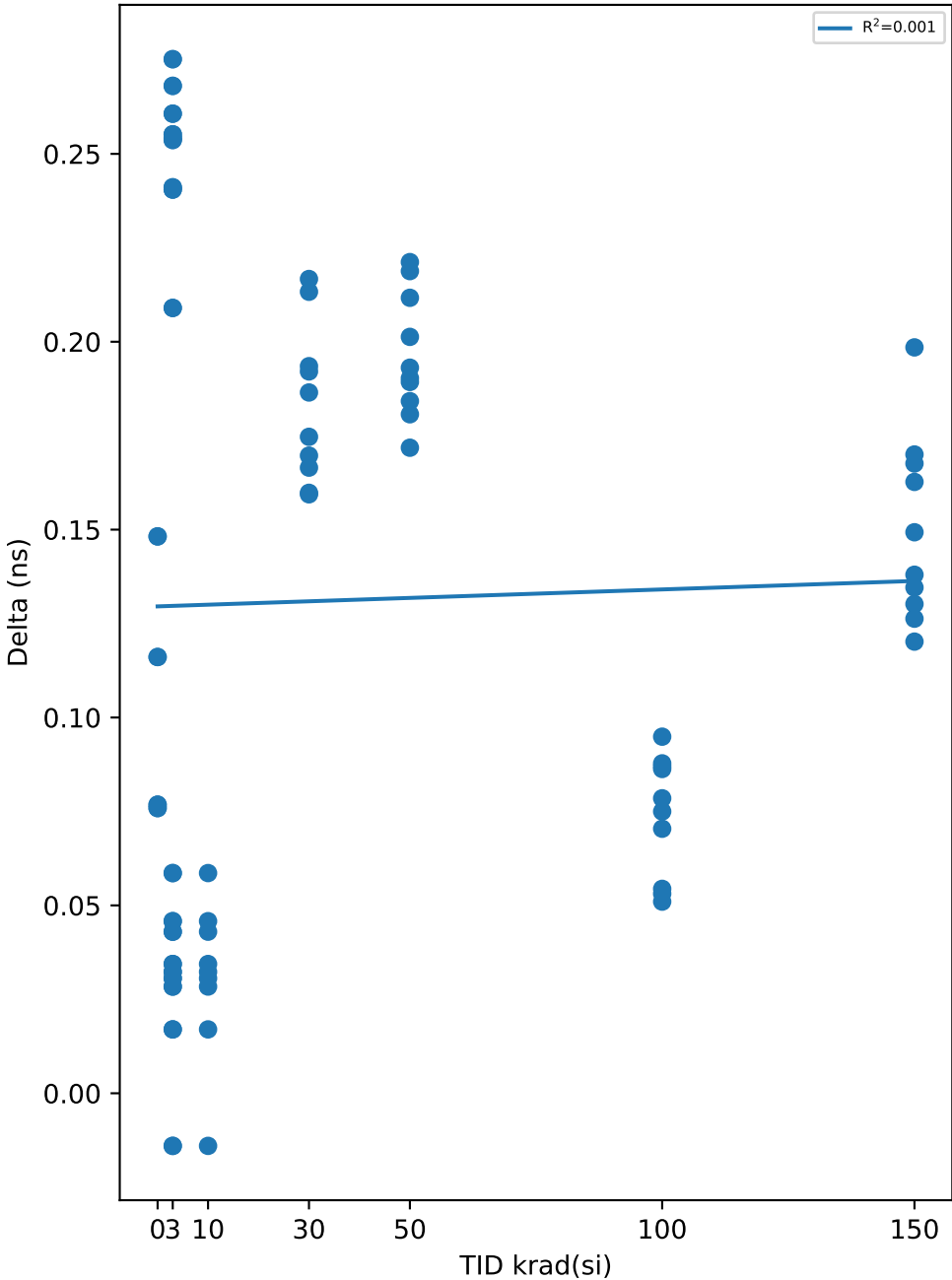
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.8958	3.9004	3.905	0.0065054	3.8694	3.87	3.8706	0.00084853	-0.0356	-0.0304	-0.0252	0.0073539
3	3.8729	3.8917	3.9092	0.011169	3.8831	3.8874	3.8919	0.0030479	-0.0217	-0.0042778	0.0134	0.011676
10	3.8729	3.8917	3.9092	0.011169	3.8281	3.8391	3.8488	0.0073638	-0.0659	-0.052589	-0.0448	0.0069693
30	3.8636	3.8923	3.905	0.011922	3.7446	3.7641	3.7796	0.010205	-0.1427	-0.12821	-0.1032	0.012215
50	3.8636	3.8923	3.905	0.011922	3.732	3.756	3.7727	0.011301	-0.1489	-0.13627	-0.1264	0.0079217
100	3.8636	3.8923	3.905	0.011922	3.8601	3.8712	3.8877	0.0085446	-0.0353	-0.02108	-0.0002	0.010994
150	3.8637	3.8776	3.8901	0.0082411	3.7409	3.7576	3.7768	0.011833	-0.1418	-0.11998	-0.0905	0.014961

Device Test: 116.2 Rise Time LO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 7.5 (ns))

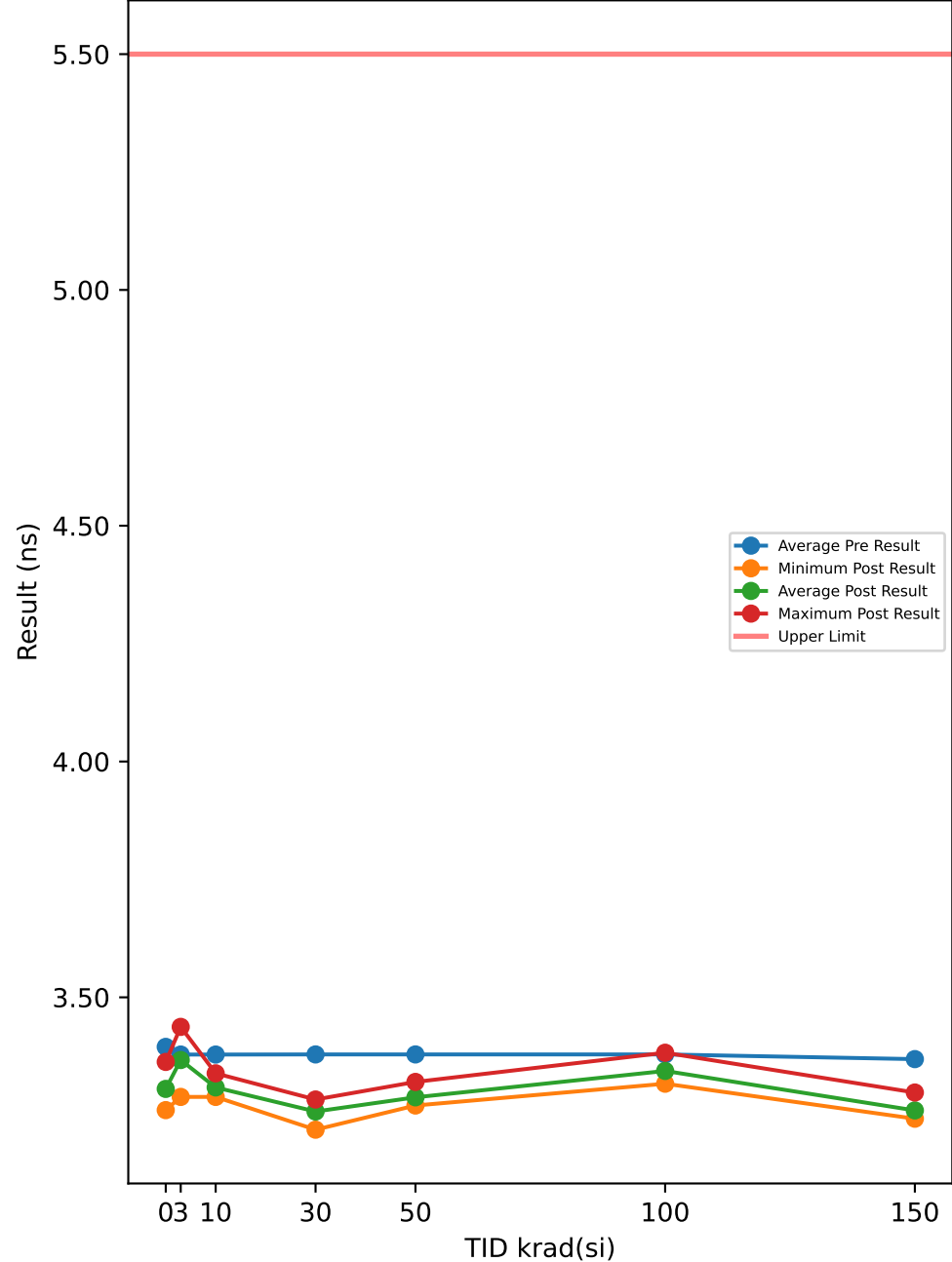
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.9015	2.9774	0.0759
2	0	CORRELATION	2.8852	2.962	0.0768
259	3	LDR Biased	2.8859	3.1466	0.2607
426	3	LDR Biased	2.8689	3.1441	0.2752
427	3	LDR Biased	2.931	3.14	0.209
428	3	LDR Biased	2.883	3.1367	0.2537
429	3	LDR Unbiased	2.9003	3.1545	0.2542
430	3	LDR Unbiased	2.9141	3.1552	0.2411
431	3	LDR Unbiased	2.9063	3.1468	0.2405
432	3	LDR Unbiased	2.8888	3.1569	0.2681
433	3	LDR Unbiased	2.8979	3.1531	0.2552
1259	10	LDR Biased	2.8859	2.9165	0.0306
1426	10	LDR Biased	2.8689	2.9275	0.0586
1427	10	LDR Biased	2.931	2.917	-0.014
1428	10	LDR Biased	2.883	2.9288	0.0458
1429	10	LDR Unbiased	2.9003	2.9347	0.0344
1430	10	LDR Unbiased	2.9141	2.9311	0.017
1431	10	LDR Unbiased	2.9063	2.9386	0.0323
1432	10	LDR Unbiased	2.8888	2.9318	0.043
1433	10	LDR Unbiased	2.8979	2.9263	0.0284
2434	30	LDR Biased	2.8993	3.0658	0.1665
2435	30	LDR Biased	2.9018	3.0765	0.1747
2436	30	LDR Biased	2.9084	3.0781	0.1697
2437	30	LDR Biased	2.9156	3.075	0.1594
2438	30	LDR Biased	2.906	3.0658	0.1598
2439	30	LDR Unbiased	2.8655	3.0822	0.2167
2440	30	LDR Unbiased	2.8819	3.074	0.1921
2441	30	LDR Unbiased	2.9015	3.095	0.1935
2443	30	LDR Unbiased	2.8852	3.0985	0.2133
2444	30	LDR Unbiased	2.8935	3.08	0.1865
3434	50	LDR Biased	2.8993	3.0924	0.1931
3435	50	LDR Biased	2.9018	3.086	0.1842
3436	50	LDR Biased	2.9084	3.0977	0.1893
3437	50	LDR Biased	2.9156	3.0963	0.1807
3438	50	LDR Biased	2.906	3.0778	0.1718
3439	50	LDR Unbiased	2.8655	3.0843	0.2188
3440	50	LDR Unbiased	2.8819	3.0722	0.1903
3441	50	LDR Unbiased	2.9015	3.1028	0.2013
3443	50	LDR Unbiased	2.8852	3.1064	0.2212
3444	50	LDR Unbiased	2.8935	3.1052	0.2117
4434	100	LDR Biased	2.8993	2.9743	0.075
4435	100	LDR Biased	2.9018	2.9562	0.0544
4436	100	LDR Biased	2.9084	2.9788	0.0704
4437	100	LDR Biased	2.9156	2.9687	0.0531
4438	100	LDR Biased	2.906	2.957	0.051
4439	100	LDR Unbiased	2.8655	2.9604	0.0949
4440	100	LDR Unbiased	2.8819	2.9682	0.0863
4441	100	LDR Unbiased	2.9015	2.98	0.0785
4443	100	LDR Unbiased	2.8852	2.973	0.0878
4444	100	LDR Unbiased	2.8935	2.9805	0.087
4500	150	LDR Biased	2.8851	3.0231	0.138
4501	150	LDR Biased	2.8921	3.0123	0.1202
4502	150	LDR Biased	2.8652	3.0352	0.17
4503	150	LDR Biased	2.8892	3.0568	0.1676
4504	150	LDR Biased	2.8627	2.9929	0.1302
4505	150	LDR Unbiased	2.8762	3.0747	0.1985
4506	150	LDR Unbiased	2.8668	3.0295	0.1627
4507	150	LDR Unbiased	2.8833	3.0179	0.1346
4508	150	LDR Unbiased	2.8741	3.0004	0.1263
4509	150	LDR Unbiased	2.8766	3.0259	0.1493

Test Statistics (ns)

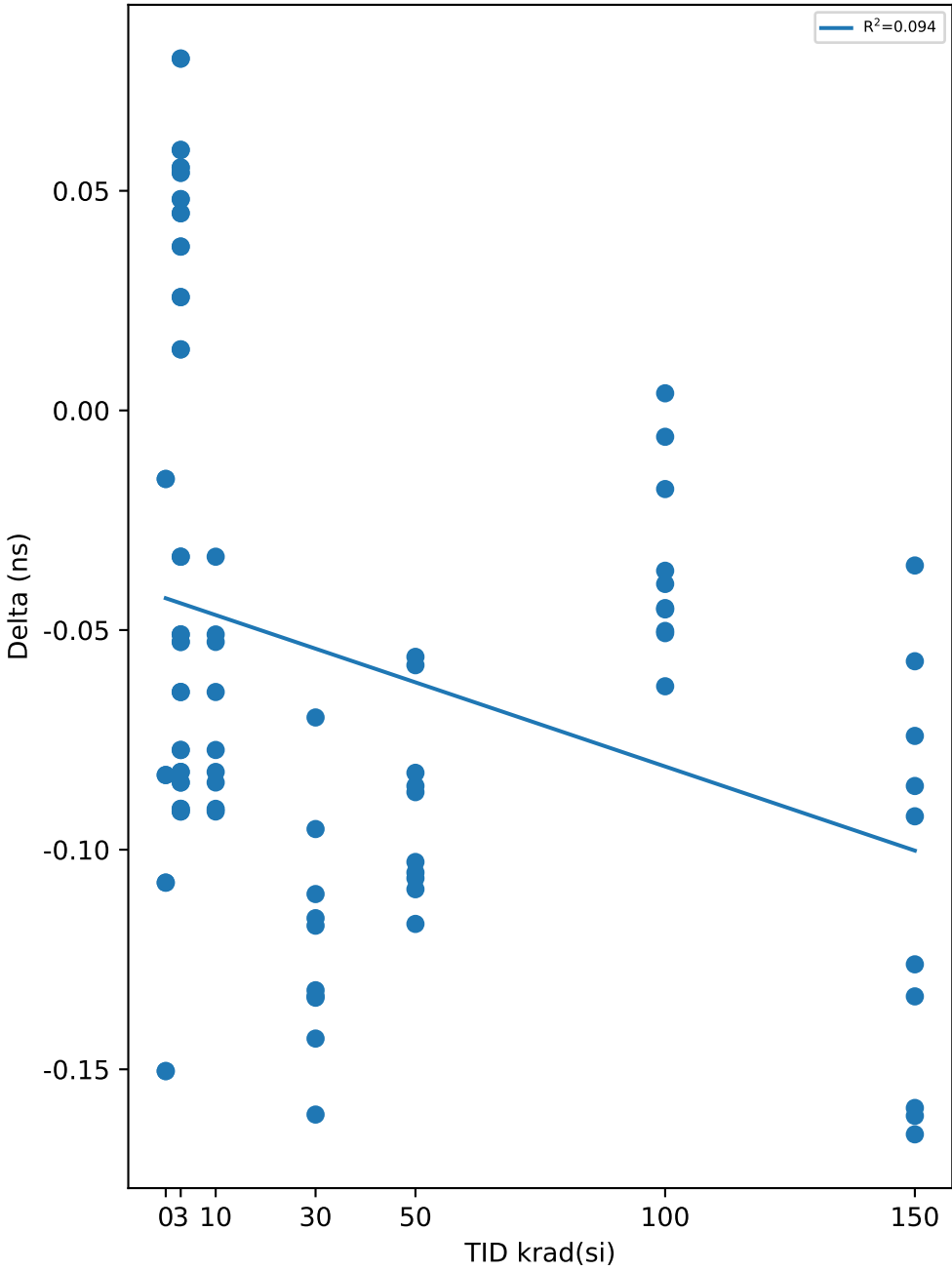
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.8852	2.8933	2.9015	0.011526	2.962	2.9697	2.9774	0.010889	0.0759	0.07635	0.0768	0.0006364
3	2.8689	2.8974	2.931	0.018444	3.1367	3.1482	3.1569	0.007152	0.209	0.25086	0.2752	0.019298
10	2.8689	2.8974	2.931	0.018444	2.9165	2.928	2.9386	0.007402	-0.014	0.030678	0.0586	0.020509
30	2.8655	2.8959	2.9156	0.014774	3.0658	3.0791	3.0985	0.01077	0.1594	0.18322	0.2167	0.020741
50	2.8655	2.8959	2.9156	0.014774	3.0722	3.0921	3.1064	0.011729	0.1718	0.19624	0.2212	0.016579
100	2.8655	2.8959	2.9156	0.014774	2.9562	2.9697	2.9805	0.0092548	0.051	0.07384	0.0949	0.016095
150	2.8627	2.8771	2.8921	0.010214	2.9929	3.0269	3.0747	0.024546	0.1202	0.14974	0.1985	0.024599

Device Test: 116.3 Fall Time LO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 5.5 (ns))

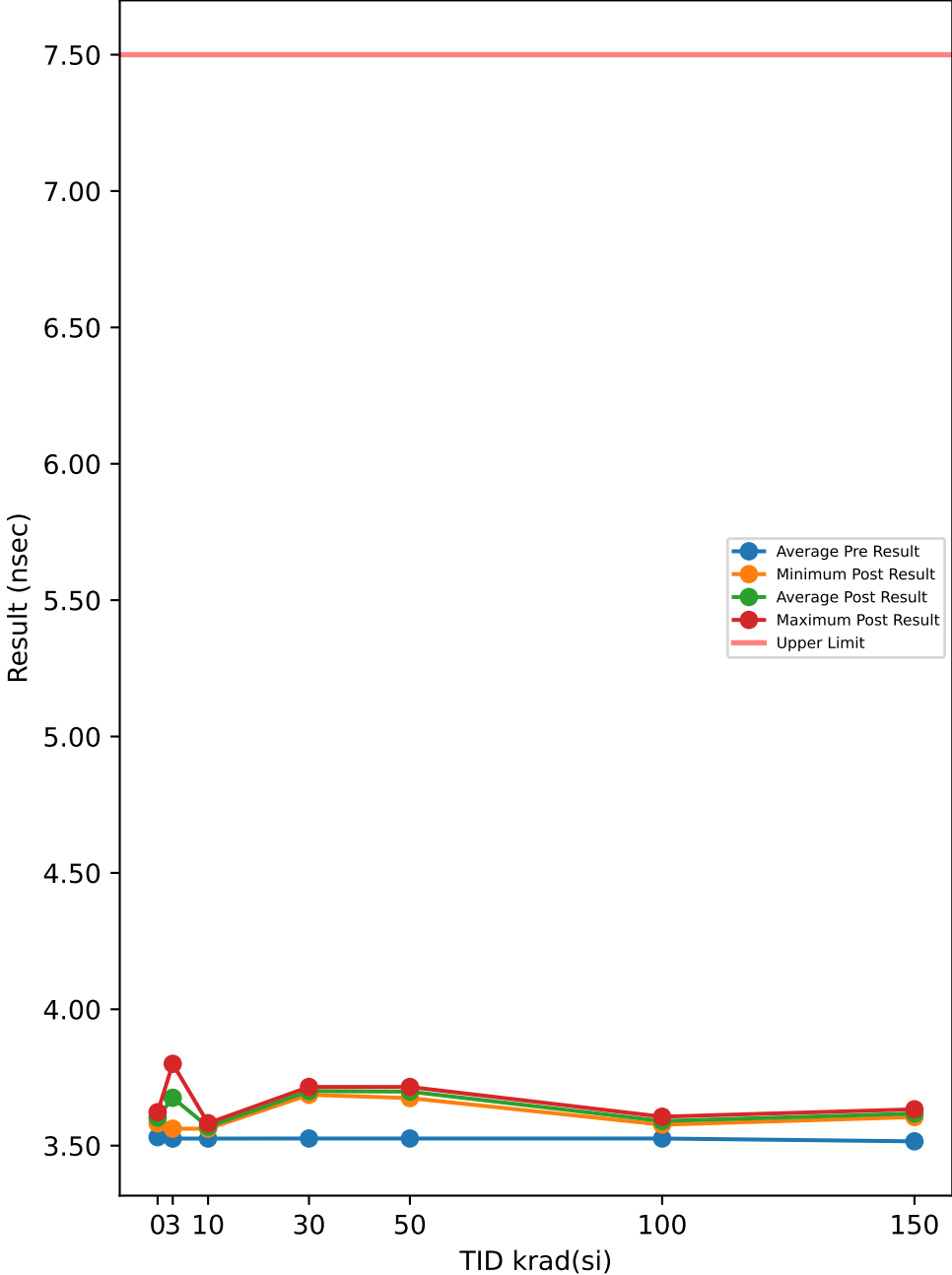
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.3786	3.363	-0.0156
2	0	CORRELATION	3.4112	3.3282	-0.083
259	3	LDR Biased	3.3568	3.4161	0.0593
426	3	LDR Biased	3.3915	3.4364	0.0449
427	3	LDR Biased	3.4017	3.4275	0.0258
428	3	LDR Biased	3.3801	3.394	0.0139
429	3	LDR Unbiased	3.3878	3.4251	0.0373
430	3	LDR Unbiased	3.3698	3.4251	0.0553
431	3	LDR Unbiased	3.3888	3.4369	0.0481
432	3	LDR Unbiased	3.3739	3.428	0.0541
433	3	LDR Unbiased	3.3572	3.4373	0.0801
1259	10	LDR Biased	3.3568	3.3235	-0.0333
1426	10	LDR Biased	3.3915	3.3388	-0.0527
1427	10	LDR Biased	3.4017	3.311	-0.0907
1428	10	LDR Biased	3.3801	3.2888	-0.0913
1429	10	LDR Unbiased	3.3878	3.3031	-0.0847
1430	10	LDR Unbiased	3.3698	3.3057	-0.0641
1431	10	LDR Unbiased	3.3888	3.3065	-0.0823
1432	10	LDR Unbiased	3.3739	3.2966	-0.0773
1433	10	LDR Unbiased	3.3572	3.3062	-0.051
2434	30	LDR Biased	3.3852	3.2515	-0.1337
2435	30	LDR Biased	3.3655	3.2482	-0.1173
2436	30	LDR Biased	3.3722	3.2402	-0.132
2437	30	LDR Biased	3.3779	3.2446	-0.1333
2438	30	LDR Biased	3.3796	3.2193	-0.1603
2439	30	LDR Unbiased	3.3936	3.278	-0.1156
2440	30	LDR Unbiased	3.3374	3.2675	-0.0699
2441	30	LDR Unbiased	3.3786	3.2833	-0.0953
2443	30	LDR Unbiased	3.4112	3.2682	-0.143
2444	30	LDR Unbiased	3.3877	3.2776	-0.1101
3434	50	LDR Biased	3.3852	3.2824	-0.1028
3435	50	LDR Biased	3.3655	3.283	-0.0825
3436	50	LDR Biased	3.3722	3.2853	-0.0869
3437	50	LDR Biased	3.3779	3.2714	-0.1065
3438	50	LDR Biased	3.3796	3.2706	-0.109
3439	50	LDR Unbiased	3.3936	3.2884	-0.1052
3440	50	LDR Unbiased	3.3374	3.2813	-0.0561
3441	50	LDR Unbiased	3.3786	3.3206	-0.058
3443	50	LDR Unbiased	3.4112	3.2943	-0.1169
3444	50	LDR Unbiased	3.3877	3.3022	-0.0855
4434	100	LDR Biased	3.3852	3.335	-0.0502
4435	100	LDR Biased	3.3655	3.326	-0.0395
4436	100	LDR Biased	3.3722	3.3272	-0.045
4437	100	LDR Biased	3.3779	3.3272	-0.0507
4438	100	LDR Biased	3.3796	3.3168	-0.0628
4439	100	LDR Unbiased	3.3936	3.3571	-0.0365
4440	100	LDR Unbiased	3.3374	3.3314	-0.006
4441	100	LDR Unbiased	3.3786	3.3825	0.0039
4443	100	LDR Unbiased	3.4112	3.3659	-0.0453
4444	100	LDR Unbiased	3.3877	3.3698	-0.0179
4500	150	LDR Biased	3.3574	3.265	-0.0924
4501	150	LDR Biased	3.4175	3.2527	-0.1648
4502	150	LDR Biased	3.4056	3.2468	-0.1588
4503	150	LDR Biased	3.3096	3.2525	-0.0571
4504	150	LDR Biased	3.3293	3.2552	-0.0741
4505	150	LDR Unbiased	3.366	3.2805	-0.0855
4506	150	LDR Unbiased	3.394	3.2606	-0.1334
4507	150	LDR Unbiased	3.3687	3.2426	-0.1261
4508	150	LDR Unbiased	3.408	3.2474	-0.1606
4509	150	LDR Unbiased	3.3334	3.2981	-0.0353

Test Statistics (ns)

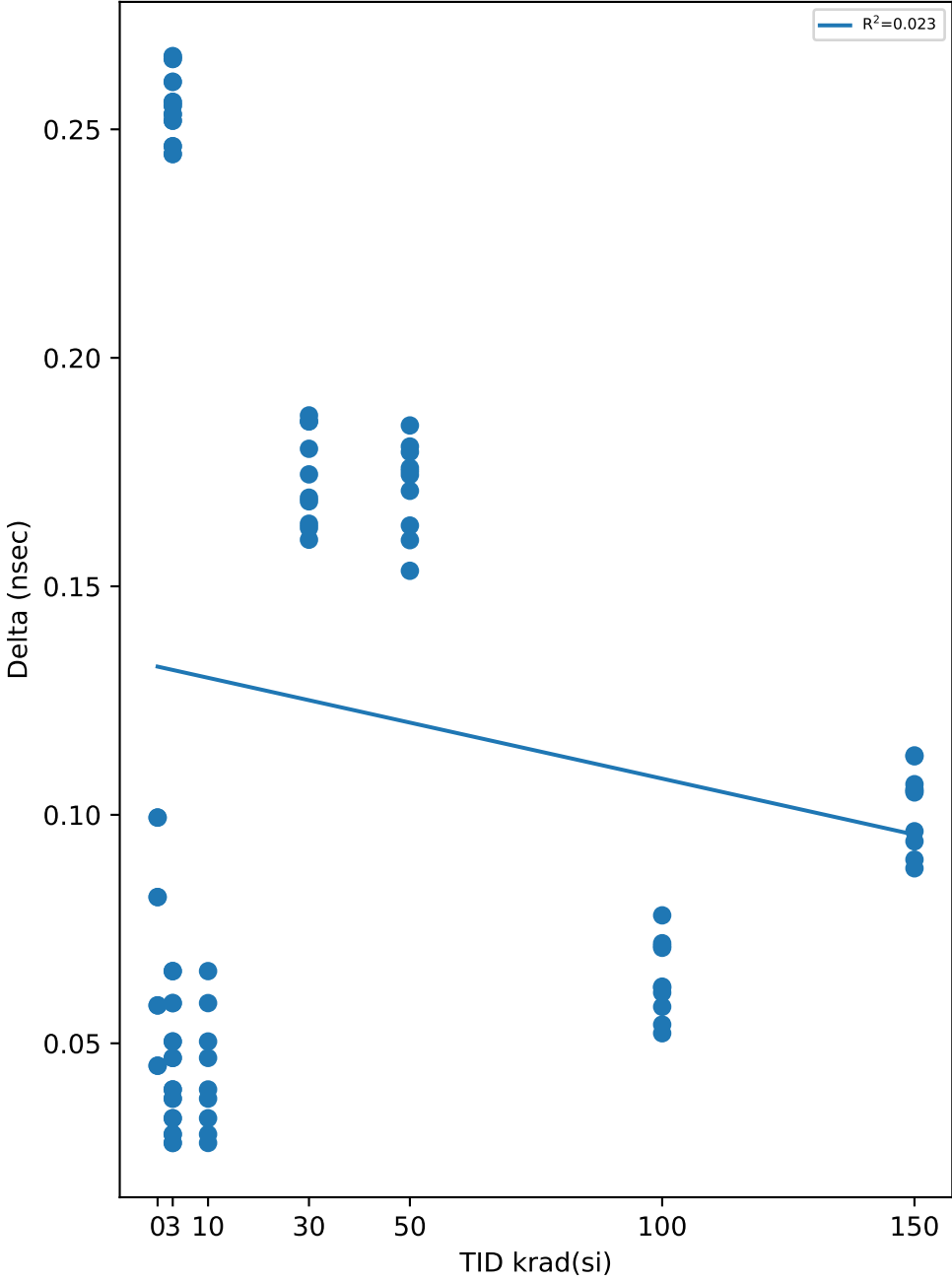
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.3786	3.3949	3.4112	0.023052	3.3282	3.3456	3.363	0.024607	-0.083	-0.0493	-0.0156	0.047659
3	3.3568	3.3786	3.4017	0.015507	3.394	3.4252	3.4373	0.013593	0.0139	0.046533	0.0801	0.019394
10	3.3568	3.3786	3.4017	0.015507	3.2888	3.3089	3.3388	0.014679	-0.0913	-0.069711	-0.0333	0.020445
30	3.3374	3.3789	3.4112	0.01922	3.2193	3.2578	3.2833	0.020414	-0.1603	-0.12105	-0.0699	0.025594
50	3.3374	3.3789	3.4112	0.01922	3.2706	3.2879	3.3206	0.014874	-0.1169	-0.09094	-0.0561	0.021088
100	3.3374	3.3789	3.4112	0.01922	3.3168	3.3439	3.3825	0.022772	-0.0628	-0.035	0.0039	0.02141
150	3.3096	3.369	3.4175	0.037048	3.2426	3.2601	3.2981	0.017209	-0.1648	-0.10881	-0.0353	0.046326

Device Test: 117.0 Rise Time HO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 7.5 (nsec))

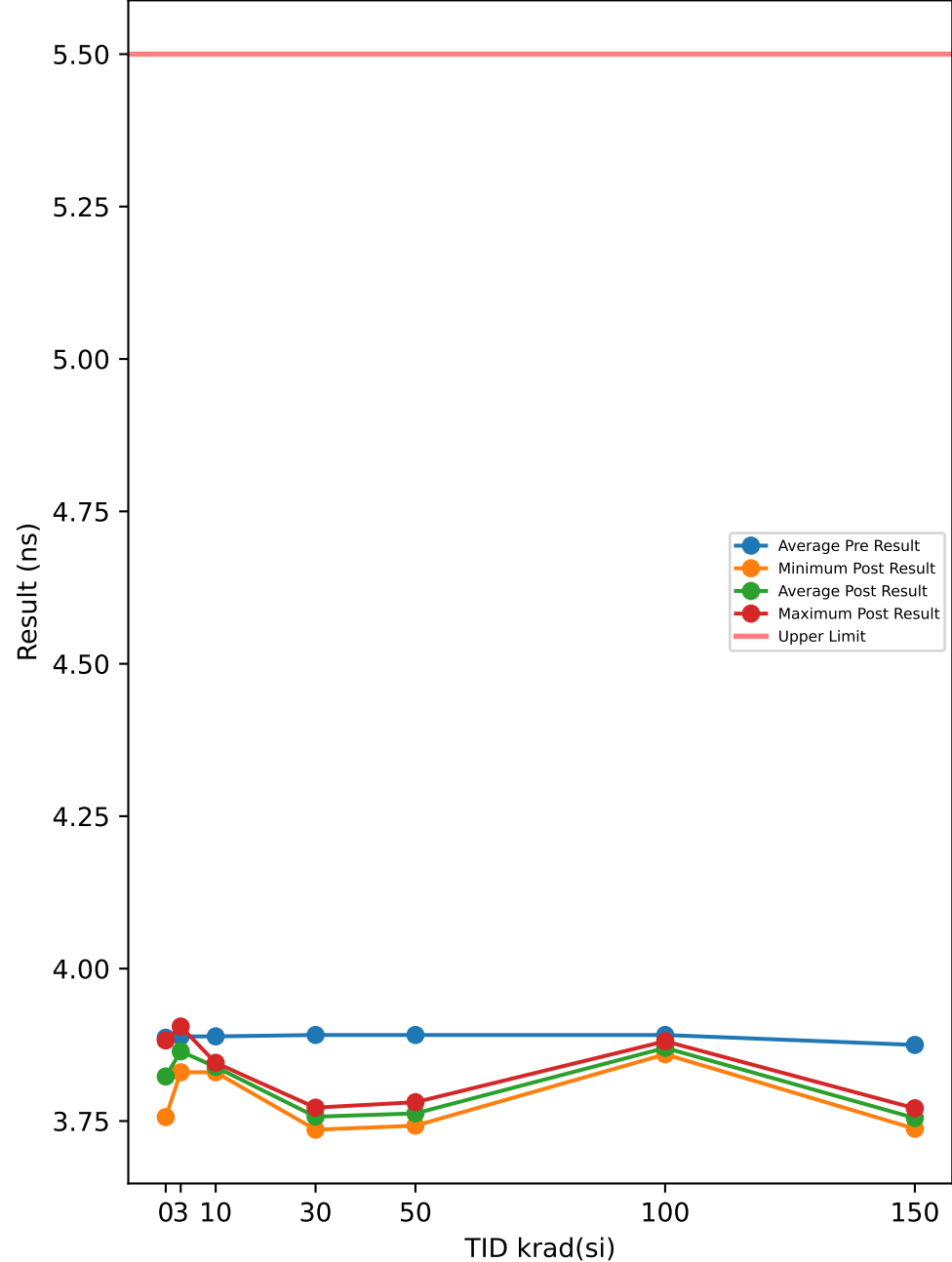
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.5231	3.5814	0.0583
2	0	CORRELATION	3.5392	3.5843	0.0451
259	3	LDR Biased	3.5165	3.7825	0.266
426	3	LDR Biased	3.5242	3.7794	0.2552
427	3	LDR Biased	3.5252	3.7812	0.256
428	3	LDR Biased	3.5322	3.7768	0.2446
429	3	LDR Unbiased	3.5386	3.7905	0.2519
430	3	LDR Unbiased	3.5205	3.7668	0.2463
431	3	LDR Unbiased	3.5182	3.7715	0.2533
432	3	LDR Unbiased	3.5346	3.8	0.2654
433	3	LDR Unbiased	3.5237	3.7841	0.2604
1259	10	LDR Biased	3.5165	3.5823	0.0658
1426	10	LDR Biased	3.5242	3.5621	0.0379
1427	10	LDR Biased	3.5252	3.5651	0.0399
1428	10	LDR Biased	3.5322	3.5623	0.0301
1429	10	LDR Unbiased	3.5386	3.5722	0.0336
1430	10	LDR Unbiased	3.5205	3.5709	0.0504
1431	10	LDR Unbiased	3.5182	3.577	0.0588
1432	10	LDR Unbiased	3.5346	3.5628	0.0282
1433	10	LDR Unbiased	3.5237	3.5705	0.0468
2434	30	LDR Biased	3.53	3.6902	0.1602
2435	30	LDR Biased	3.5227	3.6864	0.1637
2436	30	LDR Biased	3.5313	3.6999	0.1686
2437	30	LDR Biased	3.5099	3.696	0.1861
2438	30	LDR Biased	3.5283	3.6911	0.1628
2439	30	LDR Unbiased	3.5281	3.7026	0.1745
2440	30	LDR Unbiased	3.521	3.7011	0.1801
2441	30	LDR Unbiased	3.5231	3.7092	0.1861
2443	30	LDR Unbiased	3.5392	3.7086	0.1694
2444	30	LDR Unbiased	3.5278	3.7152	0.1874
3434	50	LDR Biased	3.53	3.7152	0.1852
3435	50	LDR Biased	3.5227	3.6936	0.1709
3436	50	LDR Biased	3.5313	3.6946	0.1633
3437	50	LDR Biased	3.5099	3.6893	0.1794
3438	50	LDR Biased	3.5283	3.6884	0.1601
3439	50	LDR Unbiased	3.5281	3.7087	0.1806
3440	50	LDR Unbiased	3.521	3.6744	0.1534
3441	50	LDR Unbiased	3.5231	3.699	0.1759
3443	50	LDR Unbiased	3.5392	3.7136	0.1744
3444	50	LDR Unbiased	3.5278	3.703	0.1752
4434	100	LDR Biased	3.53	3.5922	0.0622
4435	100	LDR Biased	3.5227	3.5768	0.0541
4436	100	LDR Biased	3.5313	3.5893	0.058
4437	100	LDR Biased	3.5099	3.5818	0.0719
4438	100	LDR Biased	3.5283	3.5894	0.0611
4439	100	LDR Unbiased	3.5281	3.6061	0.078
4440	100	LDR Unbiased	3.521	3.5834	0.0624
4441	100	LDR Unbiased	3.5231	3.5944	0.0713
4443	100	LDR Unbiased	3.5392	3.5914	0.0522
4444	100	LDR Unbiased	3.5278	3.5987	0.0709
4500	150	LDR Biased	3.5204	3.6332	0.1128
4501	150	LDR Biased	3.5146	3.6198	0.1052
4502	150	LDR Biased	3.5175	3.6139	0.0964
4503	150	LDR Biased	3.5069	3.6136	0.1067
4504	150	LDR Biased	3.5181	3.6237	0.1056
4505	150	LDR Unbiased	3.5119	3.6249	0.113
4506	150	LDR Unbiased	3.5206	3.6255	0.1049
4507	150	LDR Unbiased	3.5105	3.6047	0.0942
4508	150	LDR Unbiased	3.5155	3.6057	0.0902
4509	150	LDR Unbiased	3.522	3.6103	0.0883

Test Statistics (nsec)

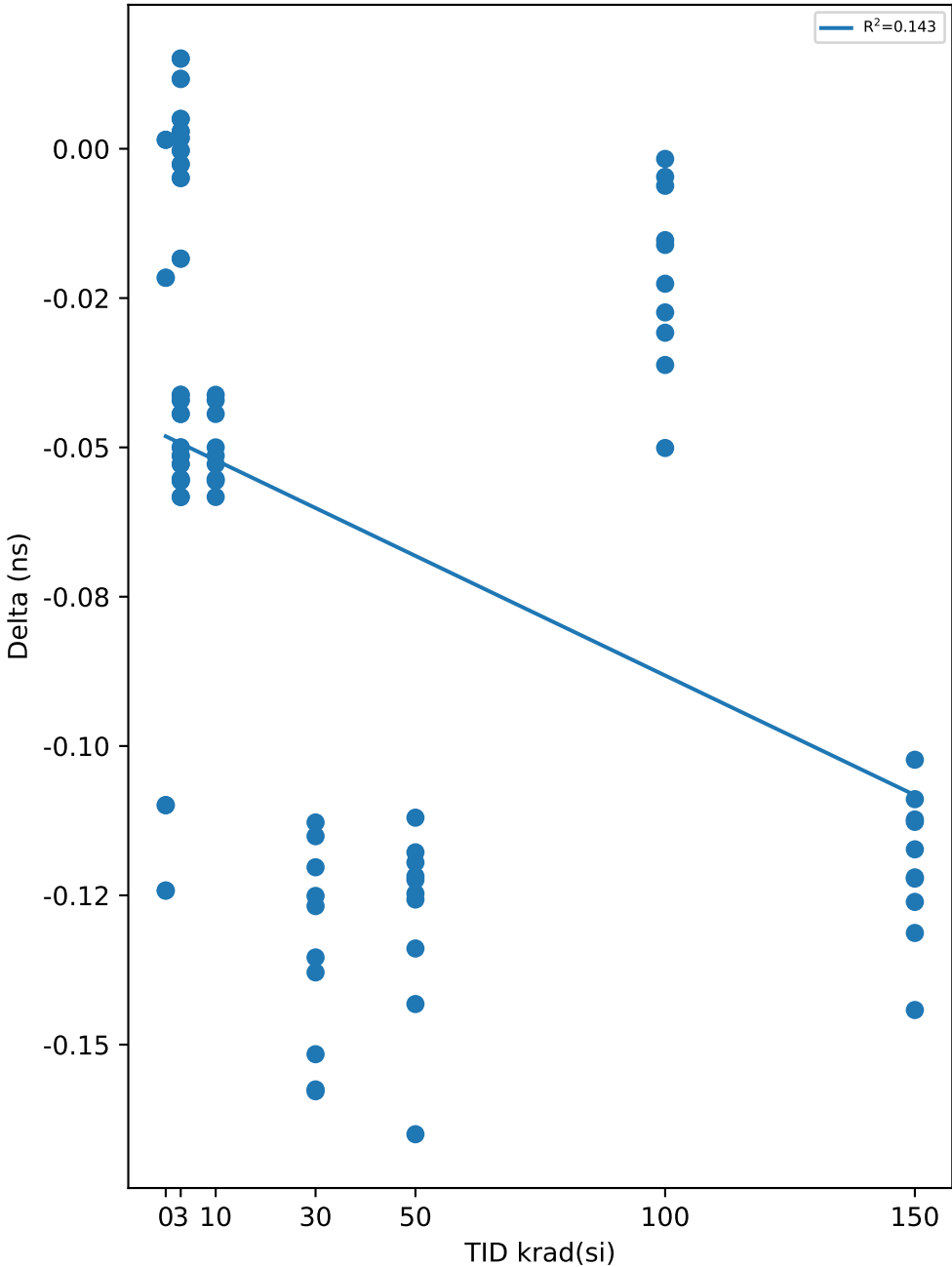
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5231	3.5312	3.5392	0.011384	3.5814	3.5828	3.5843	0.0020506	0.0451	0.0517	0.0583	0.0093338
3	3.5165	3.526	3.5386	0.0075965	3.7668	3.7814	3.8	0.0098338	0.2446	0.25546	0.266	0.007532
10	3.5165	3.526	3.5386	0.0075965	3.5621	3.5695	3.5823	0.0070815	0.0282	0.0435	0.0658	0.01297
30	3.5099	3.5261	3.5392	0.0077707	3.6864	3.7	3.7152	0.0092725	0.1602	0.17389	0.1874	0.010446
50	3.5099	3.5261	3.5392	0.0077707	3.6744	3.698	3.7152	0.012629	0.1534	0.17184	0.1852	0.009991
100	3.5099	3.5261	3.5392	0.0077707	3.5768	3.5903	3.6061	0.0084704	0.0522	0.06421	0.078	0.0084743
150	3.5069	3.5158	3.522	0.004886	3.6047	3.6175	3.6332	0.0093812	0.0883	0.10173	0.113	0.0088803

Device Test: 117.1 Fall Time HO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 5.5 (ns))

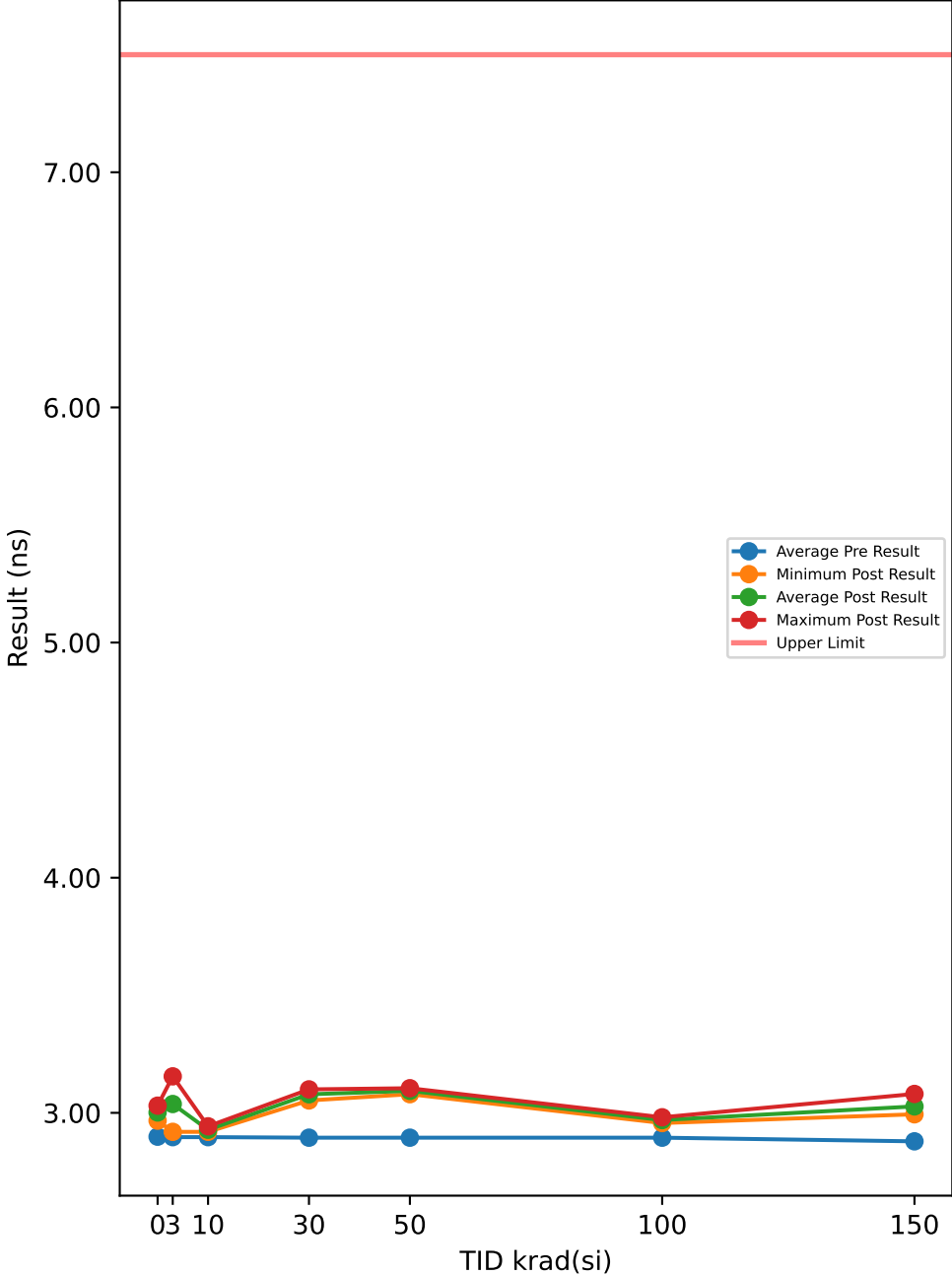
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8807	3.8822	0.0015
2	0	CORRELATION	3.8925	3.8709	-0.0216
259	3	LDR Biased	3.8721	3.8838	0.0117
426	3	LDR Biased	3.8866	3.884	-0.0026
427	3	LDR Biased	3.8934	3.8963	0.0029
428	3	LDR Biased	3.8826	3.8844	0.0018
429	3	LDR Unbiased	3.8926	3.8923	-0.0003
430	3	LDR Unbiased	3.8889	3.8939	0.005
431	3	LDR Unbiased	3.9022	3.8838	-0.0184
432	3	LDR Unbiased	3.8899	3.905	0.0151
433	3	LDR Unbiased	3.891	3.8861	-0.0049
1259	10	LDR Biased	3.8721	3.83	-0.0421
1426	10	LDR Biased	3.8866	3.8352	-0.0514
1427	10	LDR Biased	3.8934	3.8406	-0.0528
1428	10	LDR Biased	3.8826	3.8414	-0.0412
1429	10	LDR Unbiased	3.8926	3.837	-0.0556
1430	10	LDR Unbiased	3.8889	3.8336	-0.0553
1431	10	LDR Unbiased	3.9022	3.8439	-0.0583
1432	10	LDR Unbiased	3.8899	3.8455	-0.0444
1433	10	LDR Unbiased	3.891	3.841	-0.05
2434	30	LDR Biased	3.8932	3.7578	-0.1354
2435	30	LDR Biased	3.8874	3.7358	-0.1516
2436	30	LDR Biased	3.9004	3.7625	-0.1379
2437	30	LDR Biased	3.9096	3.7521	-0.1575
2438	30	LDR Biased	3.9062	3.7484	-0.1578
2439	30	LDR Unbiased	3.8871	3.772	-0.1151
2440	30	LDR Unbiased	3.8671	3.7468	-0.1203
2441	30	LDR Unbiased	3.8807	3.7679	-0.1128
2443	30	LDR Unbiased	3.8925	3.7657	-0.1268
2444	30	LDR Unbiased	3.8869	3.7618	-0.1251
3434	50	LDR Biased	3.8932	3.7708	-0.1224
3435	50	LDR Biased	3.8874	3.7535	-0.1339
3436	50	LDR Biased	3.9004	3.7809	-0.1195
3437	50	LDR Biased	3.9096	3.7446	-0.165
3438	50	LDR Biased	3.9062	3.763	-0.1432
3439	50	LDR Unbiased	3.8871	3.7614	-0.1257
3440	50	LDR Unbiased	3.8671	3.7424	-0.1247
3441	50	LDR Unbiased	3.8807	3.7687	-0.112
3443	50	LDR Unbiased	3.8925	3.7707	-0.1218
3444	50	LDR Unbiased	3.8869	3.7691	-0.1178
4434	100	LDR Biased	3.8932	3.8771	-0.0161
4435	100	LDR Biased	3.8874	3.86	-0.0274
4436	100	LDR Biased	3.9004	3.8642	-0.0362
4437	100	LDR Biased	3.9096	3.8595	-0.0501
4438	100	LDR Biased	3.9062	3.8754	-0.0308
4439	100	LDR Unbiased	3.8871	3.8809	-0.0062
4440	100	LDR Unbiased	3.8671	3.8654	-0.0017
4441	100	LDR Unbiased	3.8807	3.876	-0.0047
4443	100	LDR Unbiased	3.8925	3.8772	-0.0153
4444	100	LDR Unbiased	3.8869	3.8643	-0.0226
4500	150	LDR Biased	3.8836	3.7709	-0.1127
4501	150	LDR Biased	3.8953	3.7511	-0.1442
4502	150	LDR Biased	3.8634	3.7373	-0.1261
4503	150	LDR Biased	3.8762	3.7449	-0.1313
4504	150	LDR Biased	3.8725	3.7636	-0.1089
4505	150	LDR Unbiased	3.8674	3.7651	-0.1023
4506	150	LDR Unbiased	3.8735	3.7612	-0.1123
4507	150	LDR Unbiased	3.8772	3.755	-0.1222
4508	150	LDR Unbiased	3.8646	3.7473	-0.1173
4509	150	LDR Unbiased	3.8746	3.7526	-0.122

Test Statistics (ns)

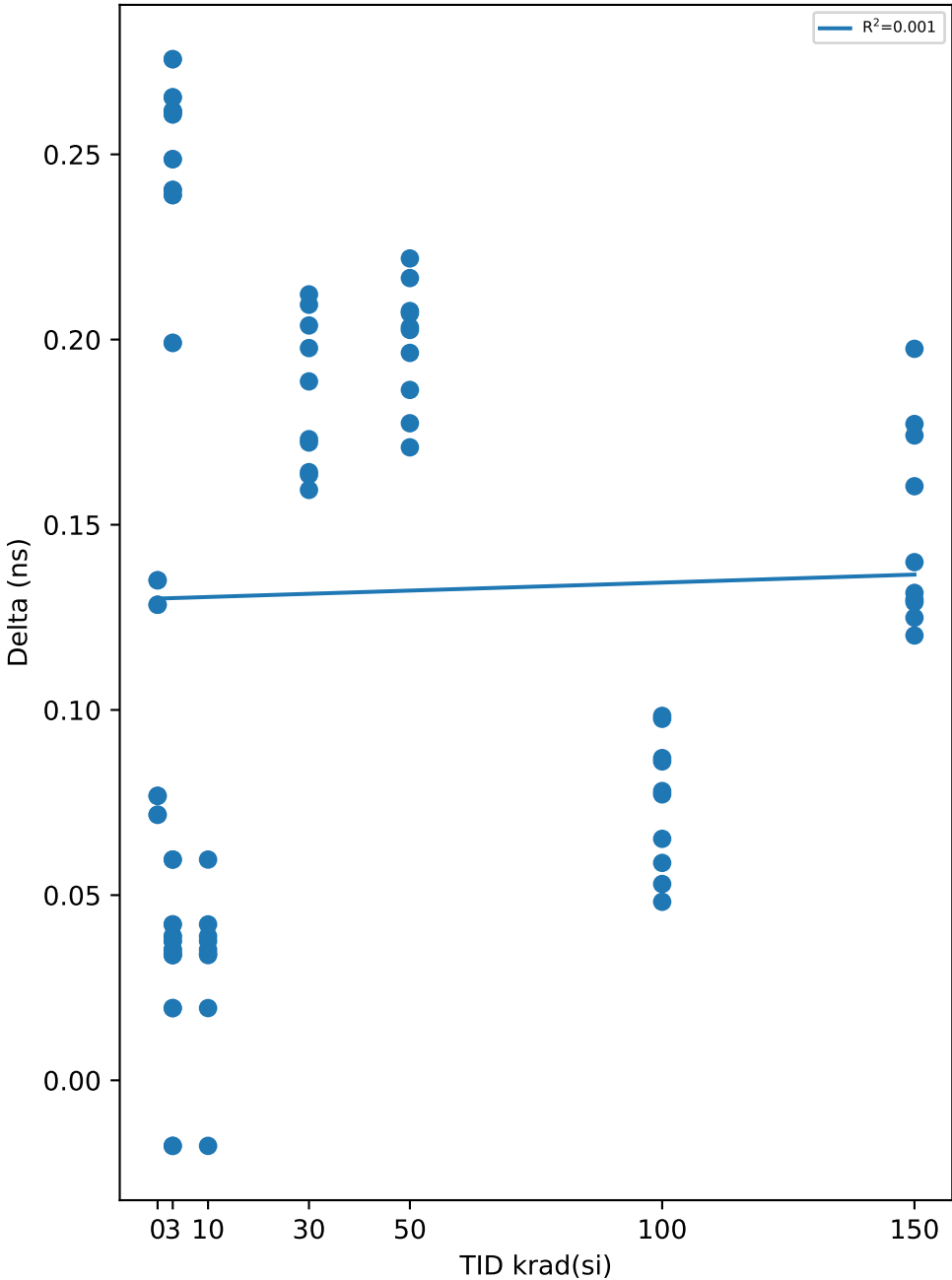
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.8807	3.8866	3.8925	0.0083439	3.8709	3.8765	3.8822	0.0079903	-0.0216	-0.01005	0.0015	0.016334
3	3.8721	3.8888	3.9022	0.0082416	3.8838	3.89	3.905	0.0074551	-0.0184	0.0011444	0.0151	0.0097415
10	3.8721	3.8888	3.9022	0.0082416	3.83	3.8387	3.8455	0.0050782	-0.0583	-0.050122	-0.0412	0.0062171
30	3.8671	3.8911	3.9096	0.012448	3.7358	3.7571	3.772	0.011179	-0.1578	-0.13403	-0.1128	0.016902
50	3.8671	3.8911	3.9096	0.012448	3.7424	3.7625	3.7809	0.012309	-0.165	-0.1286	-0.112	0.015454
100	3.8671	3.8911	3.9096	0.012448	3.8595	3.87	3.8809	0.0080537	-0.0501	-0.02111	-0.0017	0.015388
150	3.8634	3.8748	3.8953	0.009435	3.7373	3.7549	3.7709	0.010342	-0.1442	-0.11993	-0.1023	0.012091

Device Test: 117.2 Rise Time LO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 7.5 (ns))

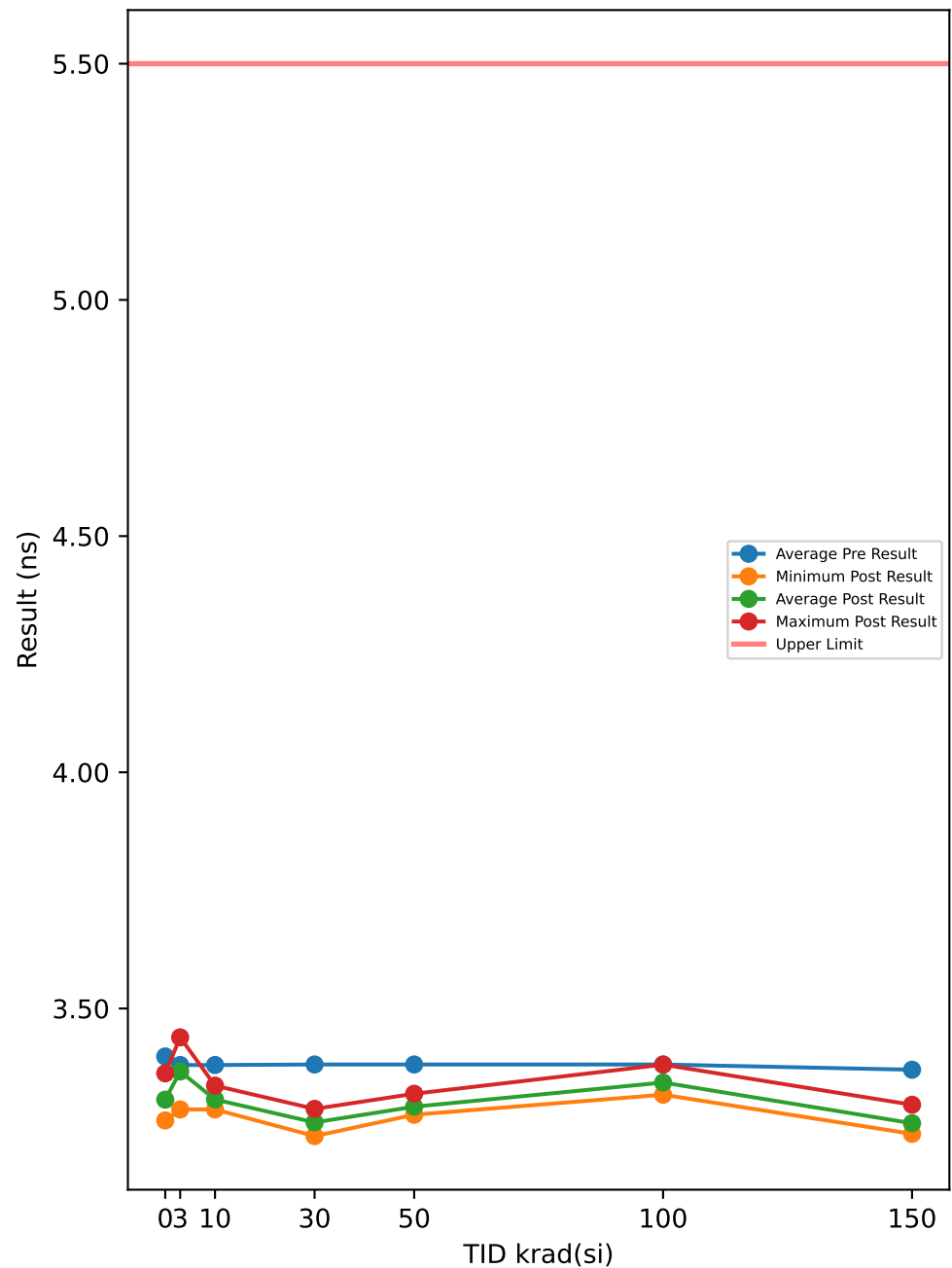
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.9021	2.9789	0.0768
2	0	CORRELATION	2.8951	2.9668	0.0717
259	3	LDR Biased	2.8839	3.1455	0.2616
426	3	LDR Biased	2.8668	3.1425	0.2757
427	3	LDR Biased	2.9386	3.1377	0.1991
428	3	LDR Biased	2.8882	3.1369	0.2487
429	3	LDR Unbiased	2.8917	3.1525	0.2608
430	3	LDR Unbiased	2.9122	3.1512	0.239
431	3	LDR Unbiased	2.9085	3.1489	0.2404
432	3	LDR Unbiased	2.8898	3.1552	0.2654
433	3	LDR Unbiased	2.8903	3.152	0.2617
1259	10	LDR Biased	2.8839	2.9192	0.0353
1426	10	LDR Biased	2.8668	2.9264	0.0596
1427	10	LDR Biased	2.9386	2.9209	-0.0177
1428	10	LDR Biased	2.8882	2.922	0.0338
1429	10	LDR Unbiased	2.8917	2.9338	0.0421
1430	10	LDR Unbiased	2.9122	2.9317	0.0195
1431	10	LDR Unbiased	2.9085	2.9427	0.0342
1432	10	LDR Unbiased	2.8898	2.9274	0.0376
1433	10	LDR Unbiased	2.8903	2.9292	0.0389
2434	30	LDR Biased	2.8884	3.0526	0.1642
2435	30	LDR Biased	2.8989	3.072	0.1731
2436	30	LDR Biased	2.9141	3.0863	0.1722
2437	30	LDR Biased	2.9139	3.0733	0.1594
2438	30	LDR Biased	2.9084	3.0719	0.1635
2439	30	LDR Unbiased	2.8635	3.0757	0.2122
2440	30	LDR Unbiased	2.8766	3.0804	0.2038
2441	30	LDR Unbiased	2.9021	3.0998	0.1977
2443	30	LDR Unbiased	2.8951	3.0838	0.1887
2444	30	LDR Unbiased	2.8827	3.0921	0.2094
3434	50	LDR Biased	2.8884	3.0961	0.2077
3435	50	LDR Biased	2.8989	3.0953	0.1964
3436	50	LDR Biased	2.9141	3.0915	0.1774
3437	50	LDR Biased	2.9139	3.1003	0.1864
3438	50	LDR Biased	2.9084	3.0793	0.1709
3439	50	LDR Unbiased	2.8635	3.0801	0.2166
3440	50	LDR Unbiased	2.8766	3.0837	0.2071
3441	50	LDR Unbiased	2.9021	3.1047	0.2026
3443	50	LDR Unbiased	2.8951	3.0984	0.2033
3444	50	LDR Unbiased	2.8827	3.1046	0.2219
4434	100	LDR Biased	2.8884	2.9745	0.0861
4435	100	LDR Biased	2.8989	2.9576	0.0587
4436	100	LDR Biased	2.9141	2.9793	0.0652
4437	100	LDR Biased	2.9139	2.9669	0.053
4438	100	LDR Biased	2.9084	2.9566	0.0482
4439	100	LDR Unbiased	2.8635	2.9611	0.0976
4440	100	LDR Unbiased	2.8766	2.9636	0.087
4441	100	LDR Unbiased	2.9021	2.9802	0.0781
4443	100	LDR Unbiased	2.8951	2.9723	0.0772
4444	100	LDR Unbiased	2.8827	2.9811	0.0984
4500	150	LDR Biased	2.8863	3.0179	0.1316
4501	150	LDR Biased	2.8893	3.0191	0.1298
4502	150	LDR Biased	2.8654	3.0395	0.1741
4503	150	LDR Biased	2.886	3.0632	0.1772
4504	150	LDR Biased	2.8694	2.9943	0.1249
4505	150	LDR Unbiased	2.8829	3.0804	0.1975
4506	150	LDR Unbiased	2.8679	3.0283	0.1604
4507	150	LDR Unbiased	2.8821	3.022	0.1399
4508	150	LDR Unbiased	2.8737	2.9938	0.1201
4509	150	LDR Unbiased	2.8856	3.0147	0.1291

Test Statistics (ns)

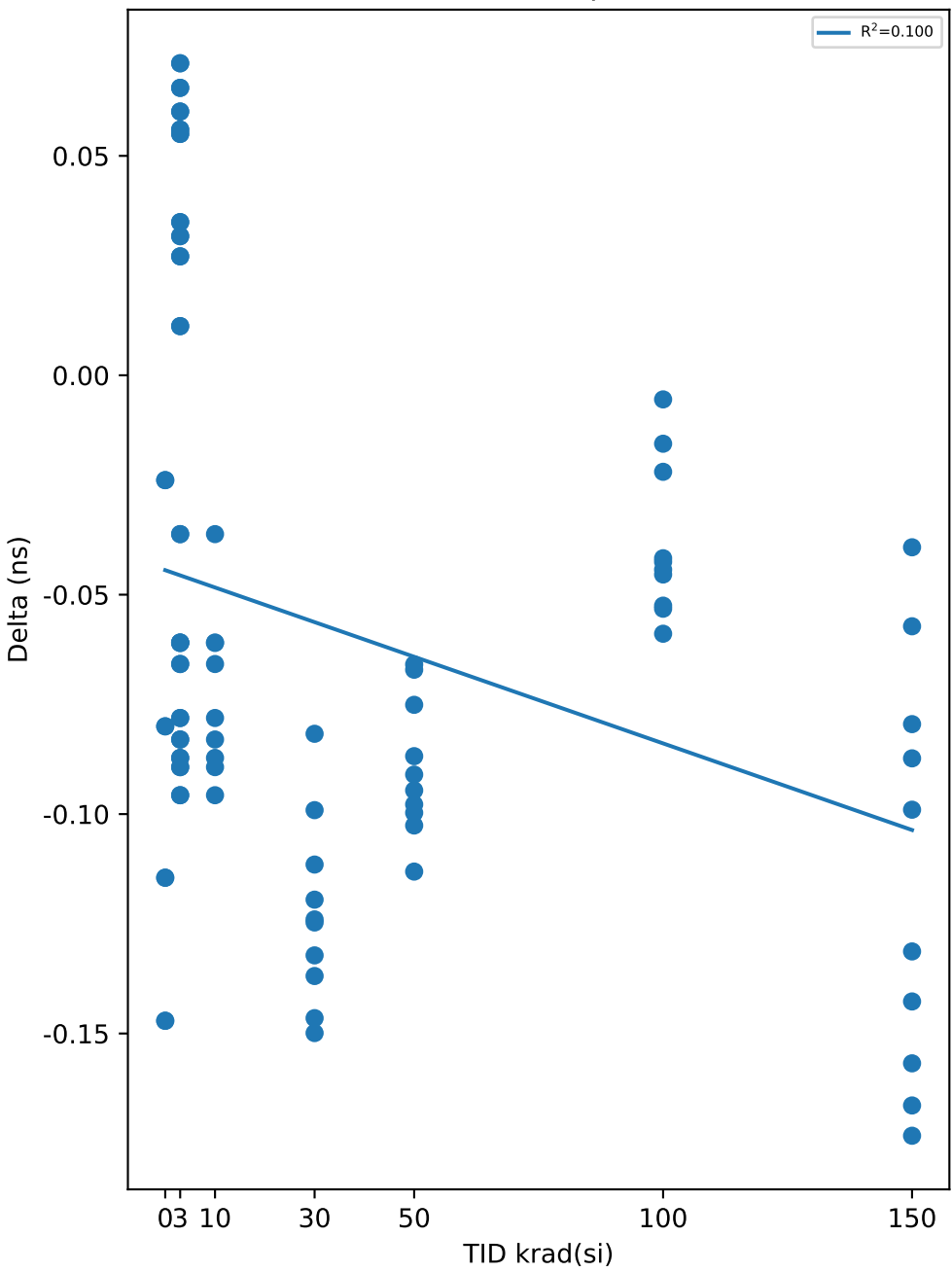
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.8951	2.8986	2.9021	0.0049497	2.9668	2.9729	2.9789	0.008556	0.0717	0.07425	0.0768	0.0036062
3	2.8668	2.8967	2.9386	0.020551	3.1369	3.1469	3.1552	0.0066586	0.1991	0.25027	0.2757	0.022613
10	2.8668	2.8967	2.9386	0.020551	2.9192	2.9281	2.9427	0.0073437	-0.0177	0.031478	0.0596	0.021171
30	2.8635	2.8944	2.9141	0.01663	3.0526	3.0788	3.0998	0.013004	0.1594	0.18442	0.2122	0.02032
50	2.8635	2.8944	2.9141	0.01663	3.0793	3.0934	3.1047	0.0094871	0.1709	0.19903	0.2219	0.016427
100	2.8635	2.8944	2.9141	0.01663	2.9566	2.9693	2.9811	0.0094149	0.0482	0.07495	0.0984	0.017963
150	2.8654	2.8789	2.8893	0.0088505	2.9938	3.0273	3.0804	0.027512	0.1201	0.14846	0.1975	0.026814

Device Test: 117.3 Fall Time LO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 5.5 (ns))

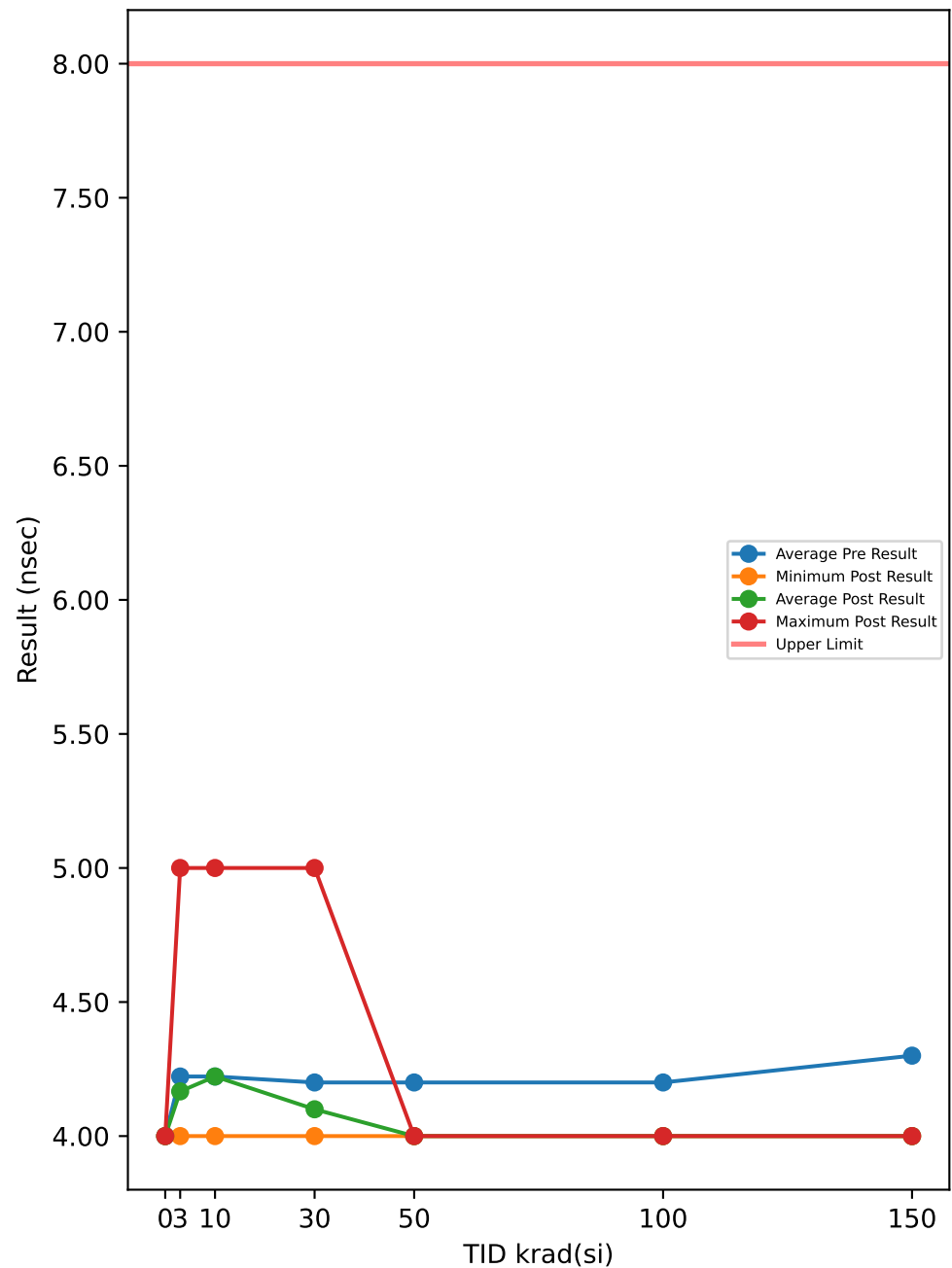
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.3866	3.3627	-0.0239
2	0	CORRELATION	3.4101	3.3301	-0.08
259	3	LDR Biased	3.3538	3.4193	0.0655
426	3	LDR Biased	3.4025	3.4374	0.0349
427	3	LDR Biased	3.3982	3.4253	0.0271
428	3	LDR Biased	3.382	3.3932	0.0112
429	3	LDR Unbiased	3.3944	3.4261	0.0317
430	3	LDR Unbiased	3.3671	3.4231	0.056
431	3	LDR Unbiased	3.3839	3.4389	0.055
432	3	LDR Unbiased	3.3753	3.4354	0.0601
433	3	LDR Unbiased	3.3659	3.437	0.0711
1259	10	LDR Biased	3.3538	3.3176	-0.0362
1426	10	LDR Biased	3.4025	3.3367	-0.0658
1427	10	LDR Biased	3.3982	3.311	-0.0872
1428	10	LDR Biased	3.382	3.2863	-0.0957
1429	10	LDR Unbiased	3.3944	3.3051	-0.0893
1430	10	LDR Unbiased	3.3671	3.3062	-0.0609
1431	10	LDR Unbiased	3.3839	3.3009	-0.083
1432	10	LDR Unbiased	3.3753	3.2972	-0.0781
1433	10	LDR Unbiased	3.3659	3.3049	-0.061
2434	30	LDR Biased	3.3876	3.2629	-0.1247
2435	30	LDR Biased	3.3688	3.2448	-0.124
2436	30	LDR Biased	3.378	3.2411	-0.1369
2437	30	LDR Biased	3.3729	3.2534	-0.1195
2438	30	LDR Biased	3.3764	3.2299	-0.1465
2439	30	LDR Unbiased	3.3993	3.2671	-0.1322
2440	30	LDR Unbiased	3.348	3.2663	-0.0817
2441	30	LDR Unbiased	3.3866	3.2875	-0.0991
2443	30	LDR Unbiased	3.4101	3.2602	-0.1499
2444	30	LDR Unbiased	3.3867	3.2752	-0.1115
3434	50	LDR Biased	3.3876	3.285	-0.1026
3435	50	LDR Biased	3.3688	3.2937	-0.0751
3436	50	LDR Biased	3.378	3.2912	-0.0868
3437	50	LDR Biased	3.3729	3.2751	-0.0978
3438	50	LDR Biased	3.3764	3.2767	-0.0997
3439	50	LDR Unbiased	3.3993	3.3047	-0.0946
3440	50	LDR Unbiased	3.348	3.2821	-0.0659
3441	50	LDR Unbiased	3.3866	3.3195	-0.0671
3443	50	LDR Unbiased	3.4101	3.297	-0.1131
3444	50	LDR Unbiased	3.3867	3.2957	-0.091
4434	100	LDR Biased	3.3876	3.3344	-0.0532
4435	100	LDR Biased	3.3688	3.3271	-0.0417
4436	100	LDR Biased	3.378	3.3255	-0.0525
4437	100	LDR Biased	3.3729	3.3286	-0.0443
4438	100	LDR Biased	3.3764	3.3175	-0.0589
4439	100	LDR Unbiased	3.3993	3.3539	-0.0454
4440	100	LDR Unbiased	3.348	3.3324	-0.0156
4441	100	LDR Unbiased	3.3866	3.3811	-0.0055
4443	100	LDR Unbiased	3.4101	3.3676	-0.0425
4444	100	LDR Unbiased	3.3867	3.3647	-0.022
4500	150	LDR Biased	3.3563	3.2573	-0.099
4501	150	LDR Biased	3.4145	3.2481	-0.1664
4502	150	LDR Biased	3.4059	3.2491	-0.1568
4503	150	LDR Biased	3.3101	3.2529	-0.0572
4504	150	LDR Biased	3.3324	3.2529	-0.0795
4505	150	LDR Unbiased	3.371	3.2837	-0.0873
4506	150	LDR Unbiased	3.3993	3.2566	-0.1427
4507	150	LDR Unbiased	3.3659	3.2346	-0.1313
4508	150	LDR Unbiased	3.4129	3.2396	-0.1733
4509	150	LDR Unbiased	3.3354	3.2962	-0.0392

Test Statistics (ns)

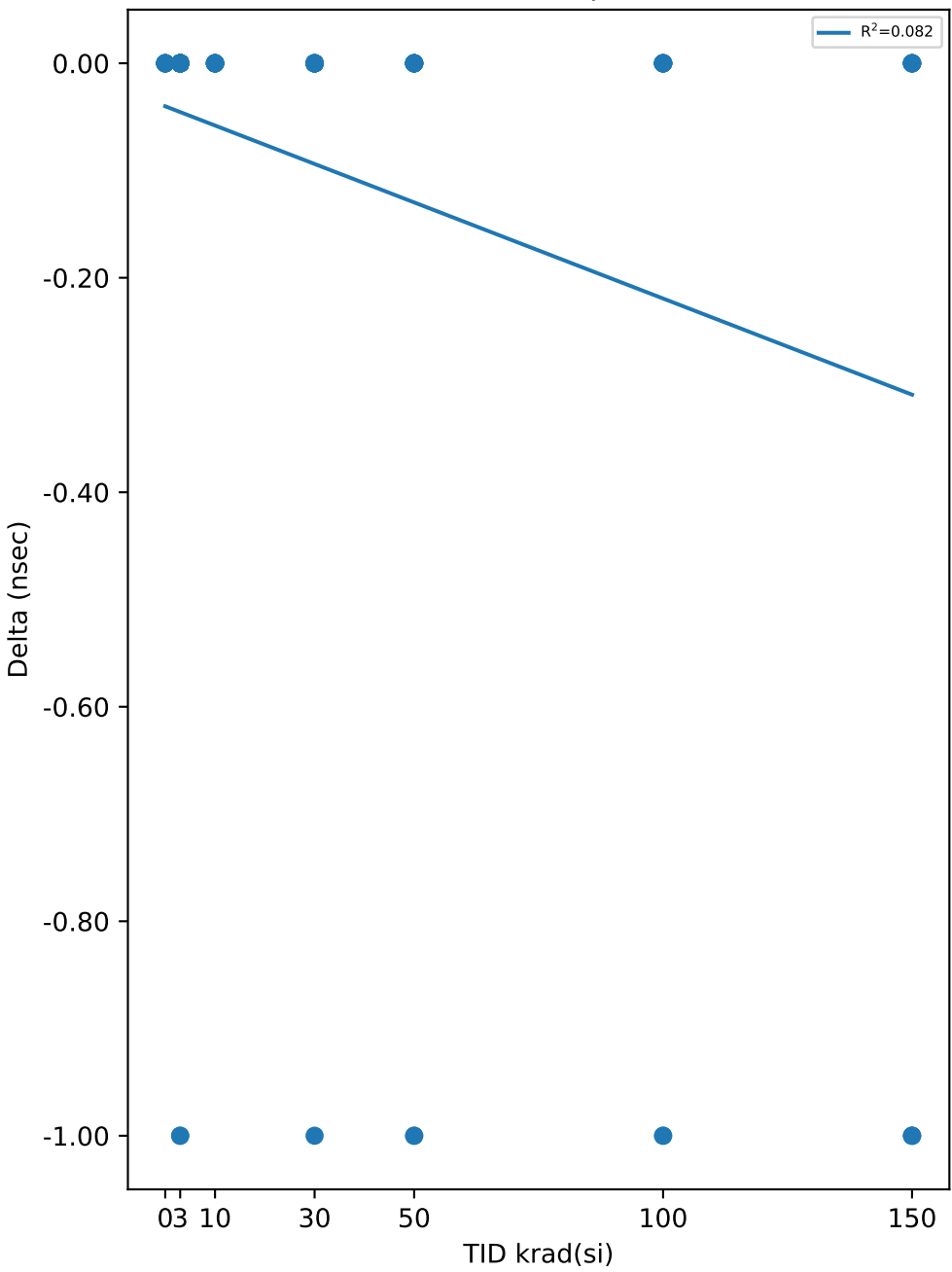
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.3866	3.3983	3.4101	0.016617	3.3301	3.3464	3.3627	0.023052	-0.08	-0.05195	-0.0239	0.039669
3	3.3538	3.3803	3.4025	0.016343	3.3932	3.4262	3.4389	0.014296	0.0112	0.045844	0.0711	0.020266
10	3.3538	3.3803	3.4025	0.016343	3.2863	3.3073	3.3367	0.014053	-0.0957	-0.073022	-0.0362	0.018725
30	3.348	3.3814	3.4101	0.017065	3.2299	3.2588	3.2875	0.01703	-0.1499	-0.1226	-0.0817	0.021022
50	3.348	3.3814	3.4101	0.017065	3.2751	3.2921	3.3195	0.013443	-0.1131	-0.08937	-0.0659	0.015645
100	3.348	3.3814	3.4101	0.017065	3.3175	3.3433	3.3811	0.021727	-0.0589	-0.03816	-0.0055	0.017702
150	3.3101	3.3704	3.4145	0.037075	3.2346	3.2571	3.2962	0.018943	-0.1733	-0.11327	-0.0392	0.04733

Device Test: 120.0 Min Input PW Static HS Turn On VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (nsec))

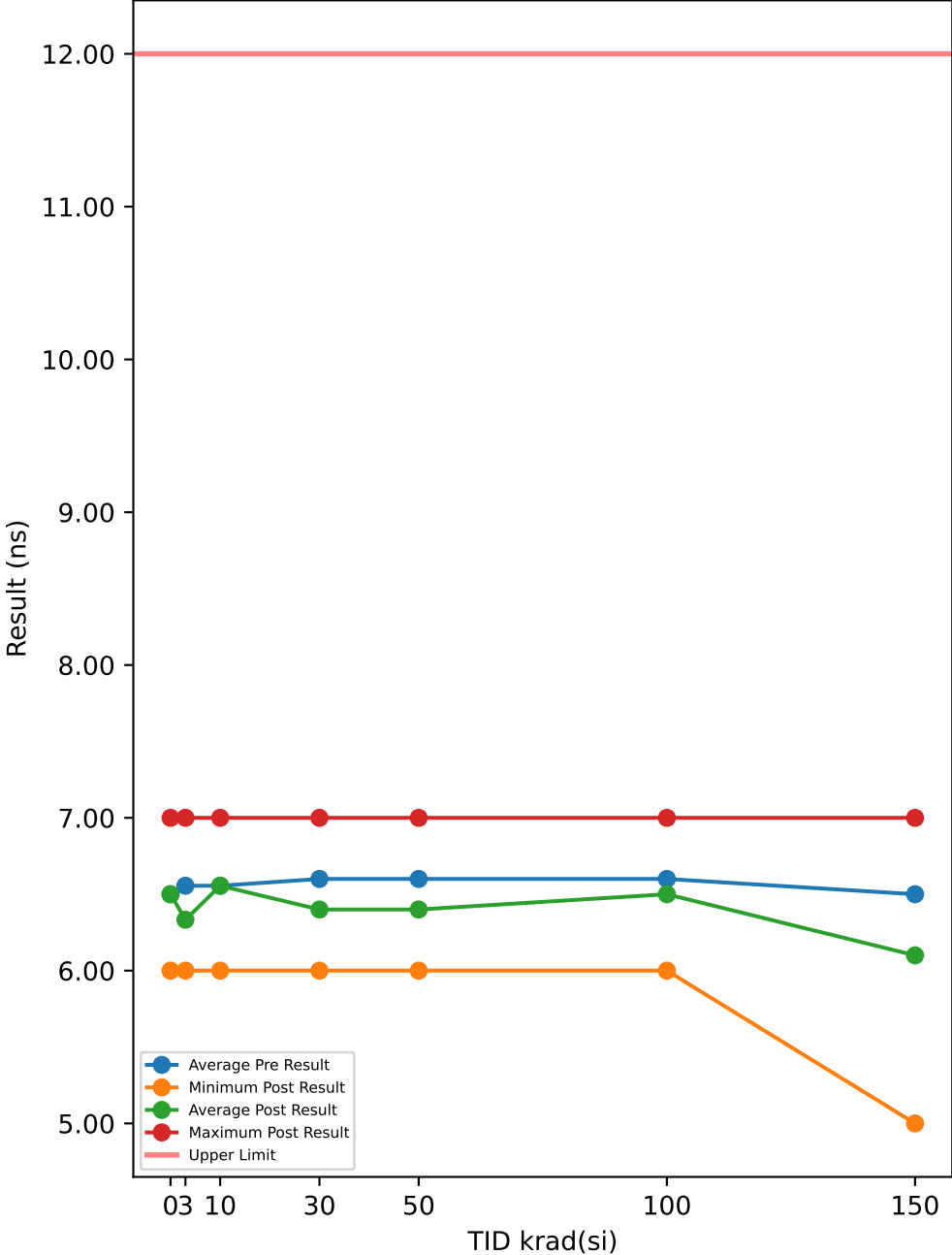
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	5	4	-1
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	5	4	-1
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	5	4	-1
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	5	4	-1
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	5	4	-1
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	5	4	-1
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	5	4	-1
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	5	4	-1
4506	150	LDR Unbiased	5	4	-1
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (nsec)

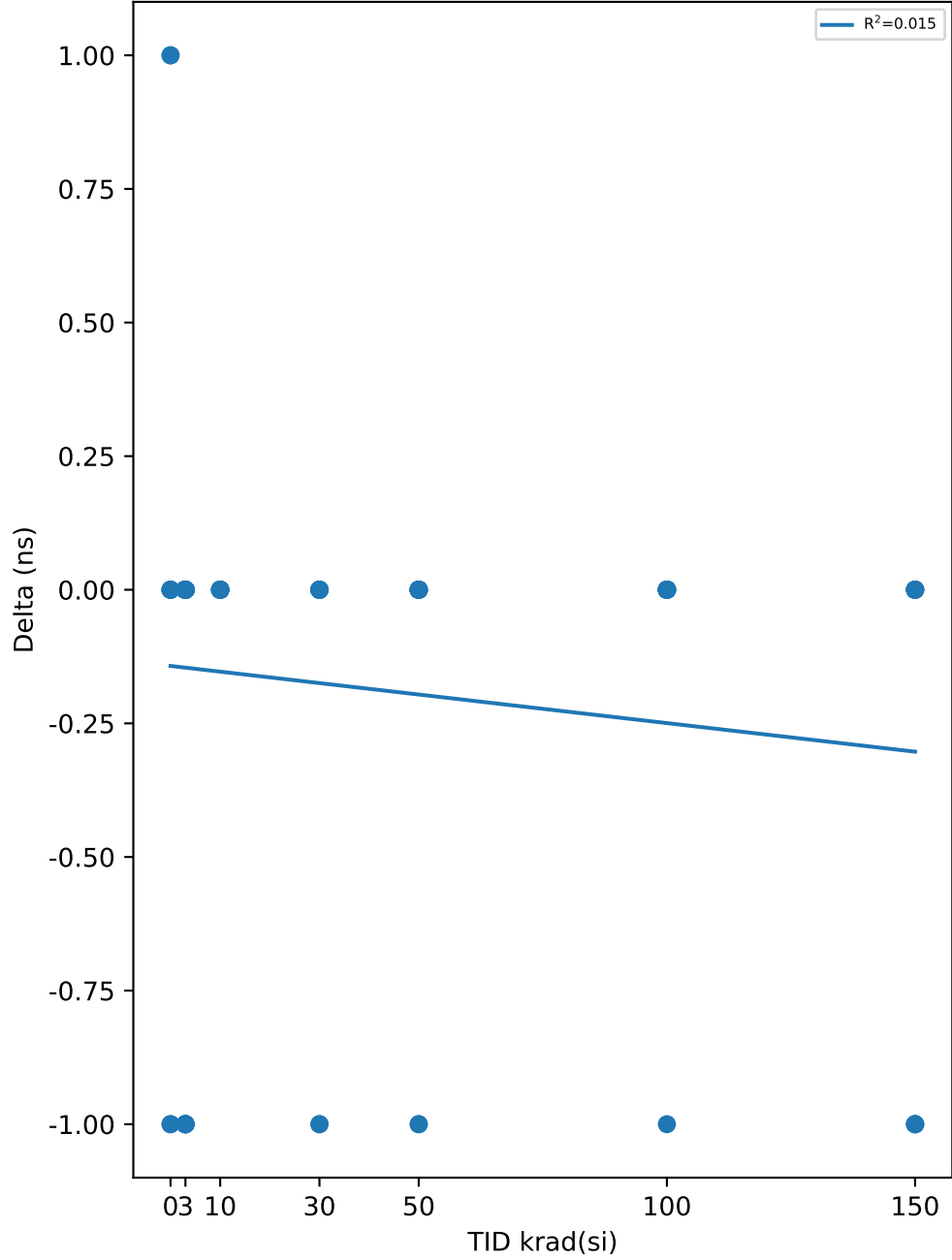
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4.2222	5	0.44096	4	4.1111	5	0.33333	-1	-0.11111	0	0.33333
10	4	4.2222	5	0.44096	4	4.2222	5	0.44096	0	0	0	0
30	4	4.2	5	0.42164	4	4.1	5	0.31623	-1	-0.1	0	0.31623
50	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
100	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
150	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305

Device Test: 120.1 Min Input PW Static HS Turn Off VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

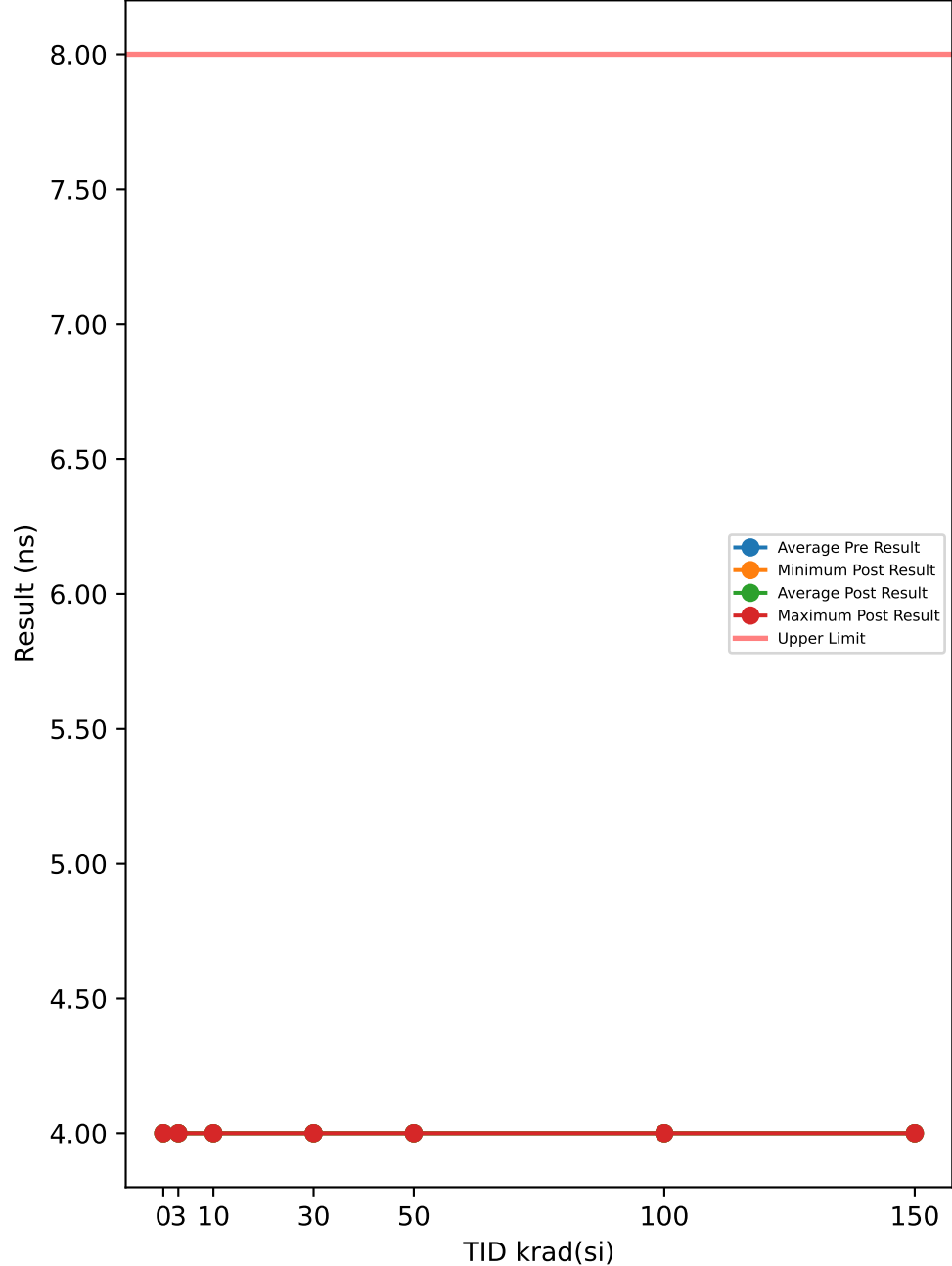
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7	7	0
2	0	CORRELATION	6	7	1
259	3	LDR Biased	7	7	0
426	3	LDR Biased	7	6	-1
427	3	LDR Biased	6	6	0
428	3	LDR Biased	6	6	0
429	3	LDR Unbiased	6	6	0
430	3	LDR Unbiased	7	6	-1
431	3	LDR Unbiased	7	6	-1
432	3	LDR Unbiased	7	6	-1
433	3	LDR Unbiased	6	6	0
1259	10	LDR Biased	7	7	0
1426	10	LDR Biased	7	7	0
1427	10	LDR Biased	6	6	0
1428	10	LDR Biased	6	6	0
1429	10	LDR Unbiased	6	6	0
1430	10	LDR Unbiased	7	7	0
1431	10	LDR Unbiased	7	7	0
1432	10	LDR Unbiased	7	7	0
1433	10	LDR Unbiased	6	6	0
2434	30	LDR Biased	7	6	-1
2435	30	LDR Biased	6	6	0
2436	30	LDR Biased	7	7	0
2437	30	LDR Biased	6	6	0
2438	30	LDR Biased	7	6	-1
2439	30	LDR Unbiased	7	7	0
2440	30	LDR Unbiased	6	6	0
2441	30	LDR Unbiased	7	7	0
2443	30	LDR Unbiased	6	6	0
2444	30	LDR Unbiased	7	7	0
3434	50	LDR Biased	7	6	-1
3435	50	LDR Biased	6	6	0
3436	50	LDR Biased	7	7	0
3437	50	LDR Biased	6	6	0
3438	50	LDR Biased	7	6	-1
3439	50	LDR Unbiased	7	7	0
3440	50	LDR Unbiased	6	6	0
3441	50	LDR Unbiased	7	7	0
3443	50	LDR Unbiased	6	6	0
3444	50	LDR Unbiased	7	7	0
4434	100	LDR Biased	7	6	-1
4435	100	LDR Biased	6	6	0
4436	100	LDR Biased	7	7	0
4437	100	LDR Biased	6	6	0
4438	100	LDR Biased	7	7	0
4439	100	LDR Unbiased	7	7	0
4440	100	LDR Unbiased	6	6	0
4441	100	LDR Unbiased	7	7	0
4443	100	LDR Unbiased	6	6	0
4444	100	LDR Unbiased	7	7	0
4500	150	LDR Biased	7	6	-1
4501	150	LDR Biased	7	7	0
4502	150	LDR Biased	6	6	0
4503	150	LDR Biased	6	5	-1
4504	150	LDR Biased	6	6	0
4505	150	LDR Unbiased	7	7	0
4506	150	LDR Unbiased	7	6	-1
4507	150	LDR Unbiased	6	6	0
4508	150	LDR Unbiased	6	6	0
4509	150	LDR Unbiased	7	6	-1

Test Statistics (ns)

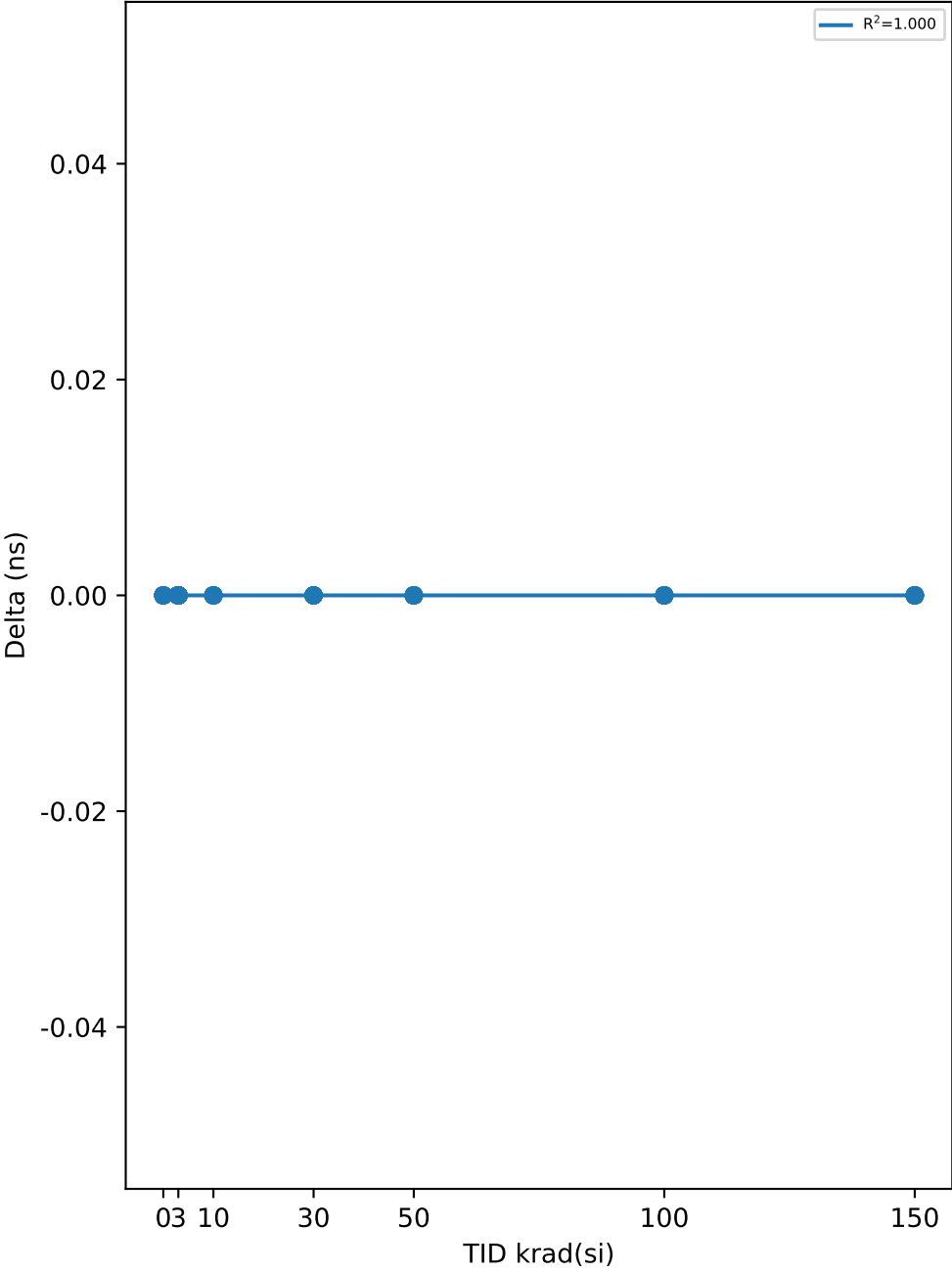
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6	6.5	7	0.70711	7	7	7	0	0	0.5	1	0.70711
3	6	6.5556	7	0.52705	6	6.1111	7	0.33333	-1	-0.44444	0	0.52705
10	6	6.5556	7	0.52705	6	6.5556	7	0.52705	0	0	0	0
30	6	6.6	7	0.5164	6	6.4	7	0.5164	-1	-0.2	0	0.42164
50	6	6.6	7	0.5164	6	6.4	7	0.5164	-1	-0.2	0	0.42164
100	6	6.6	7	0.5164	6	6.5	7	0.52705	-1	-0.1	0	0.31623
150	6	6.5	7	0.52705	5	6.1	7	0.56765	-1	-0.4	0	0.5164

Device Test: 120.2 Min Input PW Static LS Turn On VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (ns))

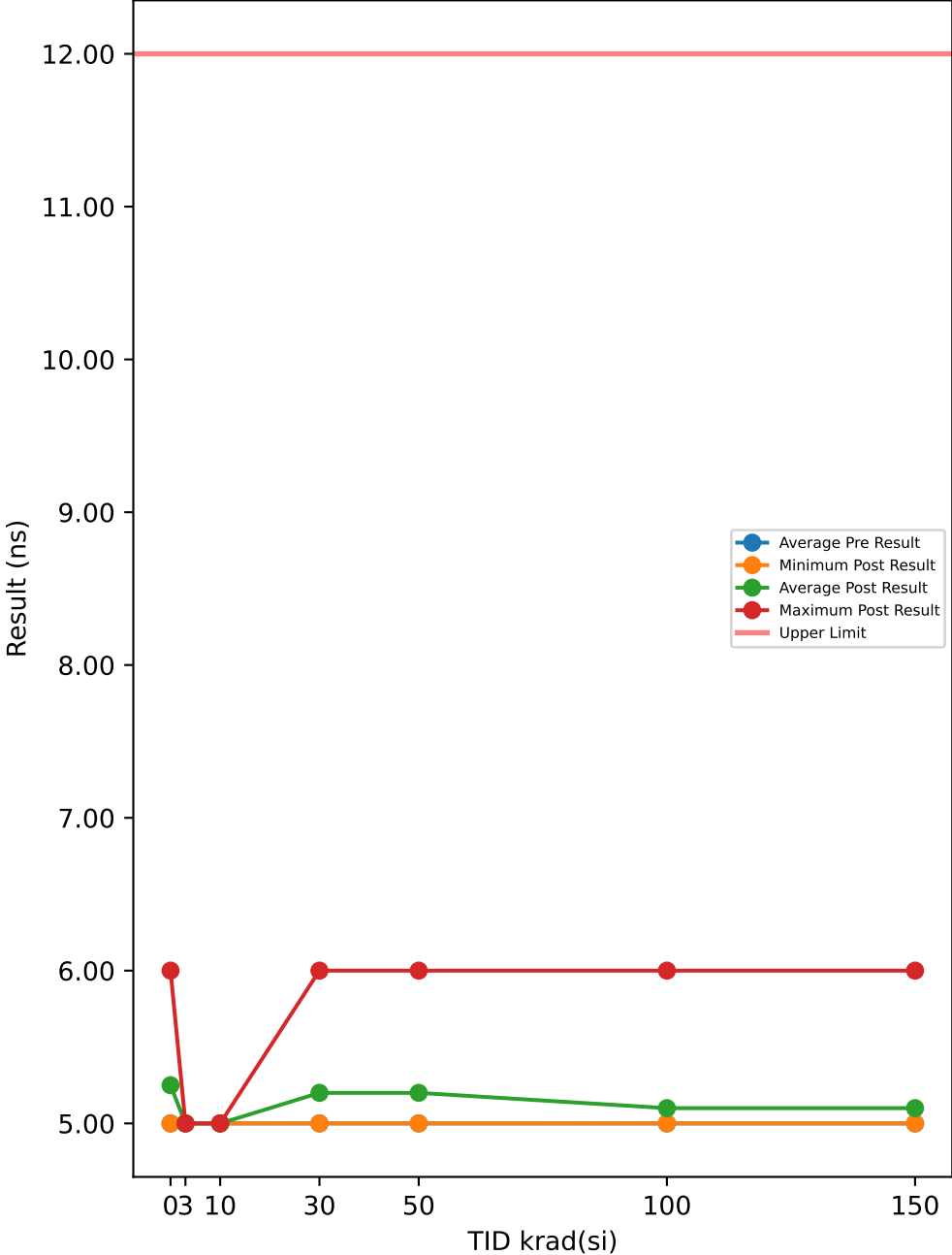
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	4	4	0
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	4	4	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	4	4	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	4	4	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	4	4	0
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	4	4	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	4	4	0
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	4	4	0
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	4	4	0
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	4	4	0
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	4	4	0
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	4	4	0
4506	150	LDR Unbiased	4	4	0
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (ns)

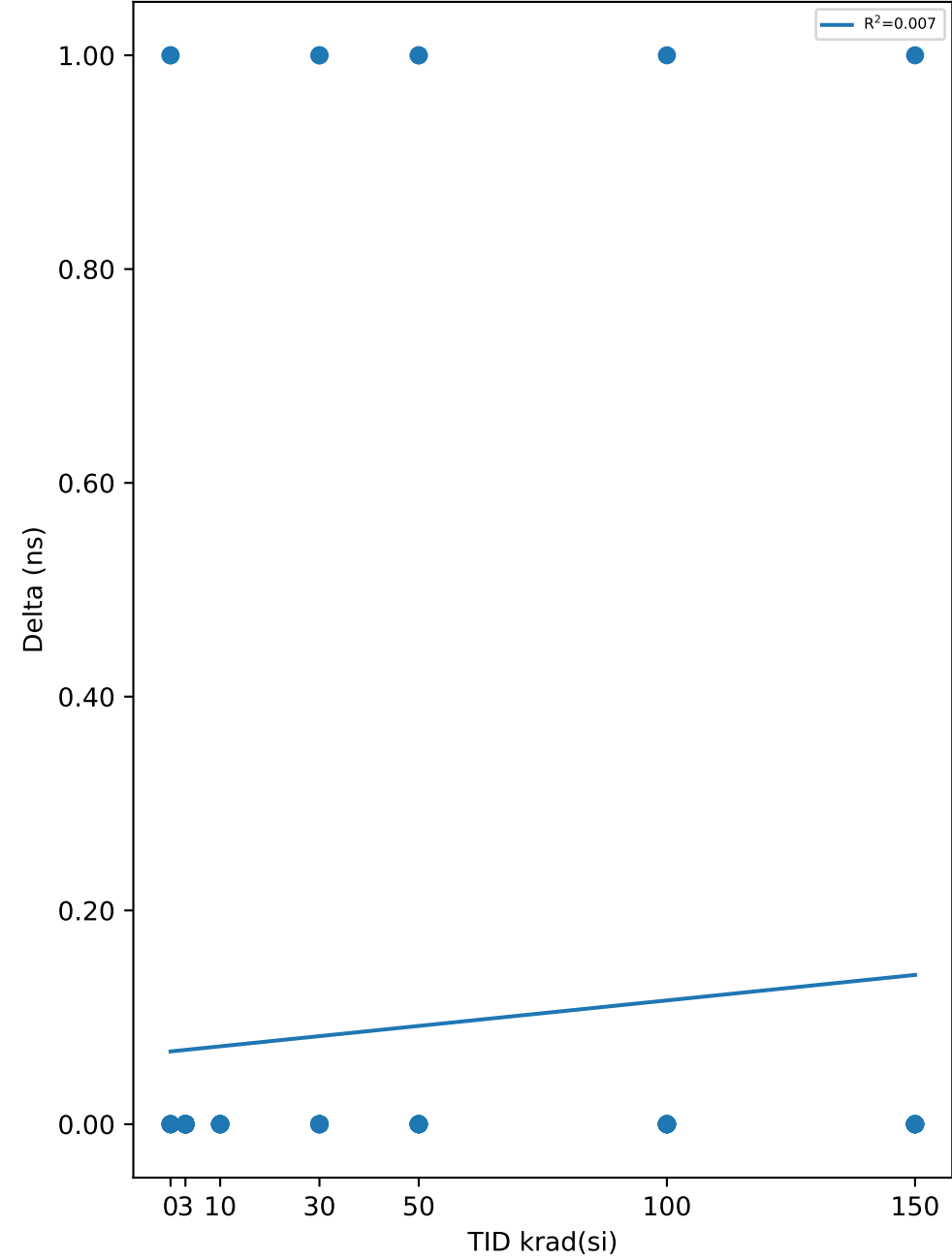
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4	4	0	4	4	4	0	0	0	0	0
10	4	4	4	0	4	4	4	0	0	0	0	0
30	4	4	4	0	4	4	4	0	0	0	0	0
50	4	4	4	0	4	4	4	0	0	0	0	0
100	4	4	4	0	4	4	4	0	0	0	0	0
150	4	4	4	0	4	4	4	0	0	0	0	0

Device Test: 120.3 Min Input PW Static LS Turn Off VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

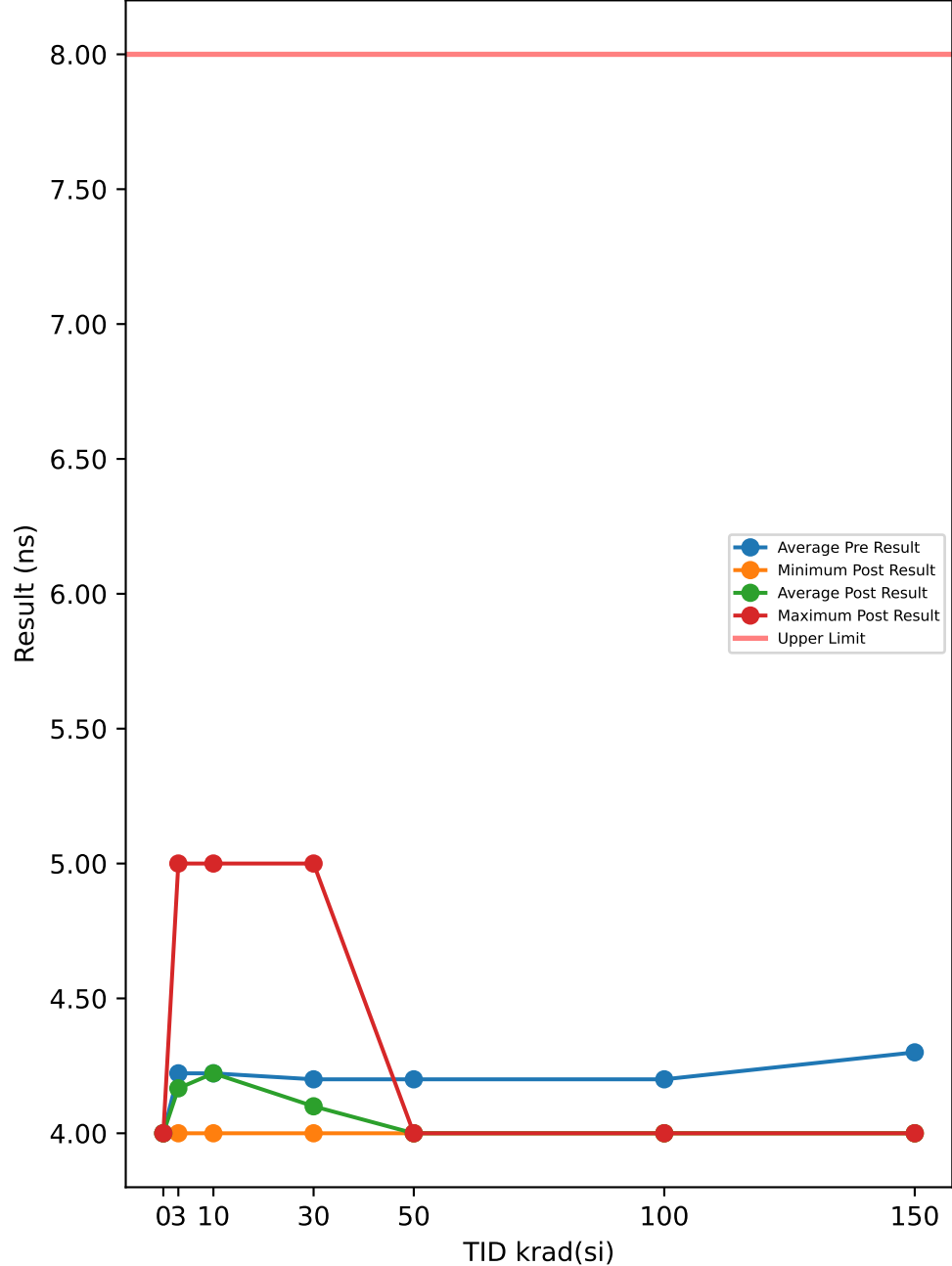
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5	6	1
2	0	CORRELATION	5	5	0
259	3	LDR Biased	5	5	0
426	3	LDR Biased	5	5	0
427	3	LDR Biased	5	5	0
428	3	LDR Biased	5	5	0
429	3	LDR Unbiased	5	5	0
430	3	LDR Unbiased	5	5	0
431	3	LDR Unbiased	5	5	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	5	5	0
1259	10	LDR Biased	5	5	0
1426	10	LDR Biased	5	5	0
1427	10	LDR Biased	5	5	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	5	5	0
1430	10	LDR Unbiased	5	5	0
1431	10	LDR Unbiased	5	5	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	5	5	0
2434	30	LDR Biased	5	5	0
2435	30	LDR Biased	5	5	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	5	5	0
2438	30	LDR Biased	5	5	0
2439	30	LDR Unbiased	5	5	0
2440	30	LDR Unbiased	5	5	0
2441	30	LDR Unbiased	5	6	1
2443	30	LDR Unbiased	5	5	0
2444	30	LDR Unbiased	5	6	1
3434	50	LDR Biased	5	5	0
3435	50	LDR Biased	5	5	0
3436	50	LDR Biased	5	5	0
3437	50	LDR Biased	5	5	0
3438	50	LDR Biased	5	5	0
3439	50	LDR Unbiased	5	5	0
3440	50	LDR Unbiased	5	5	0
3441	50	LDR Unbiased	5	6	1
3443	50	LDR Unbiased	5	5	0
3444	50	LDR Unbiased	5	6	1
4434	100	LDR Biased	5	5	0
4435	100	LDR Biased	5	5	0
4436	100	LDR Biased	5	5	0
4437	100	LDR Biased	5	5	0
4438	100	LDR Biased	5	5	0
4439	100	LDR Unbiased	5	5	0
4440	100	LDR Unbiased	5	5	0
4441	100	LDR Unbiased	5	5	0
4443	100	LDR Unbiased	5	5	0
4444	100	LDR Unbiased	5	6	1
4500	150	LDR Biased	5	5	0
4501	150	LDR Biased	5	5	0
4502	150	LDR Biased	5	6	1
4503	150	LDR Biased	5	5	0
4504	150	LDR Biased	5	5	0
4505	150	LDR Unbiased	5	5	0
4506	150	LDR Unbiased	5	5	0
4507	150	LDR Unbiased	5	5	0
4508	150	LDR Unbiased	5	5	0
4509	150	LDR Unbiased	5	5	0

Test Statistics (ns)

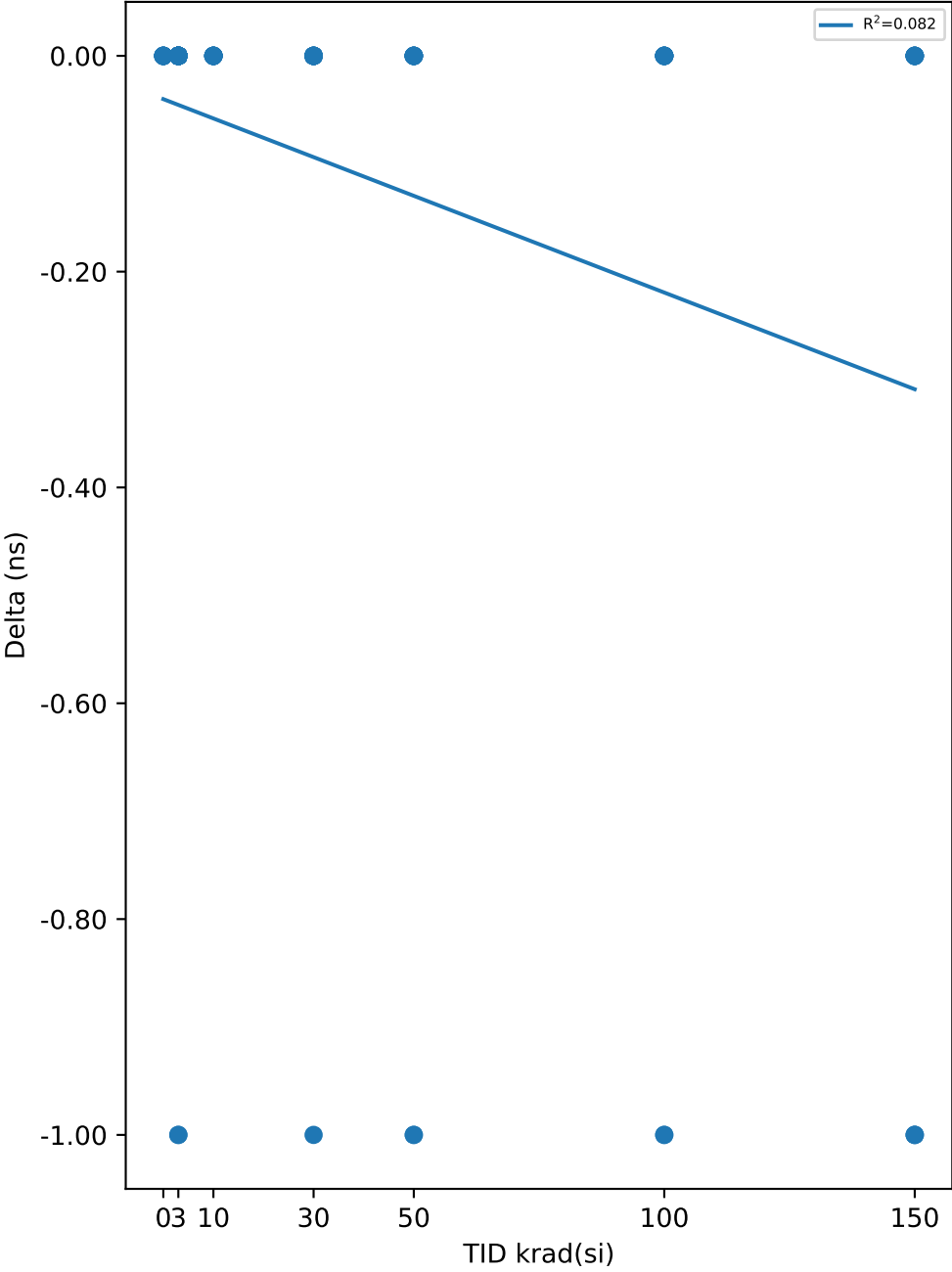
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5.5	6	0.70711	0	0.5	1	0.70711
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
50	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
100	5	5	5	0	5	5.1	6	0.31623	0	0.1	1	0.31623
150	5	5	5	0	5	5.1	6	0.31623	0	0.1	1	0.31623

Device Test: 120.4 Min Input PW Static HS Turn On SW=100V VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (ns))

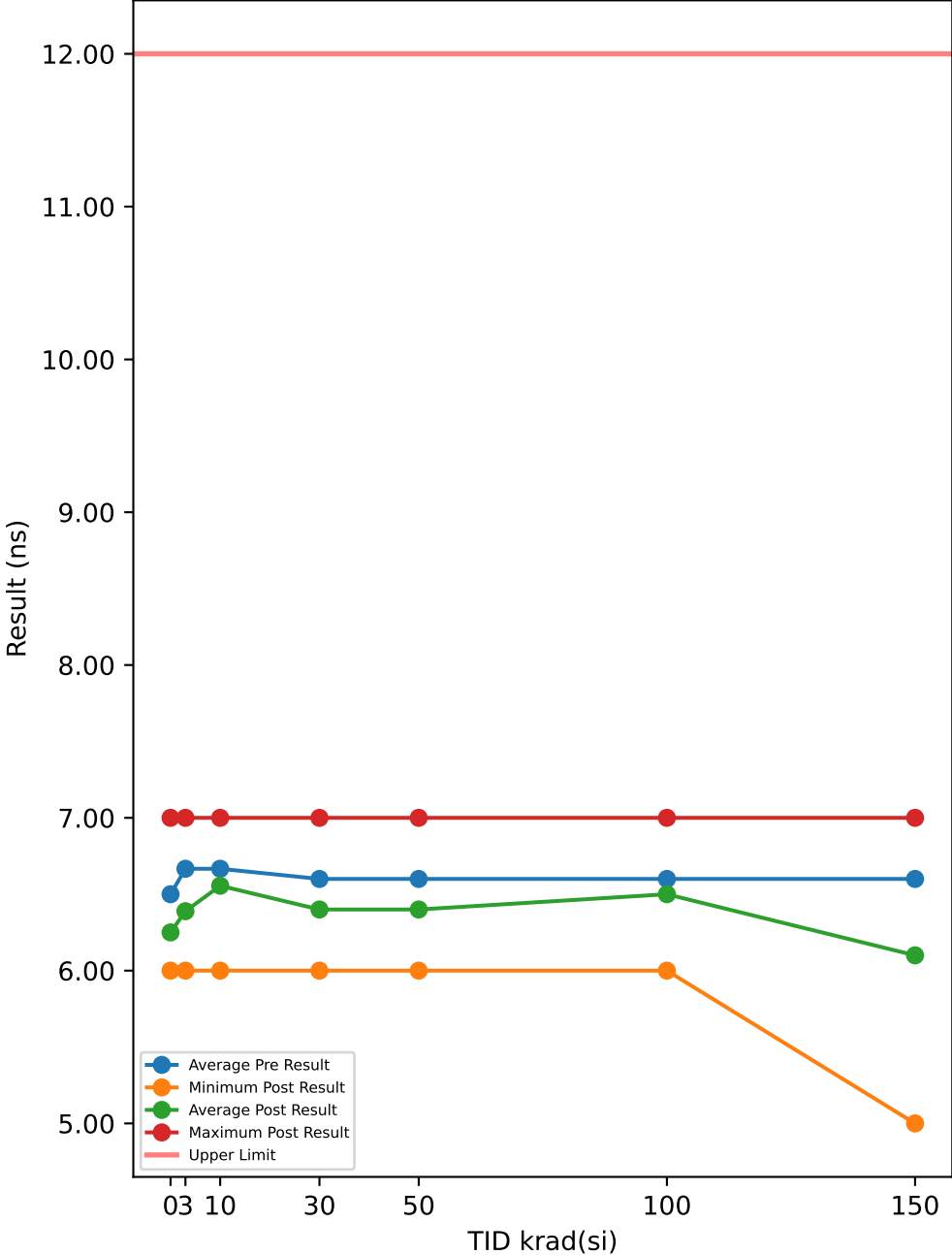
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	5	4	-1
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	5	4	-1
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	5	4	-1
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	5	4	-1
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	5	4	-1
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	5	4	-1
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	5	4	-1
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	5	4	-1
4506	150	LDR Unbiased	5	4	-1
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (ns)

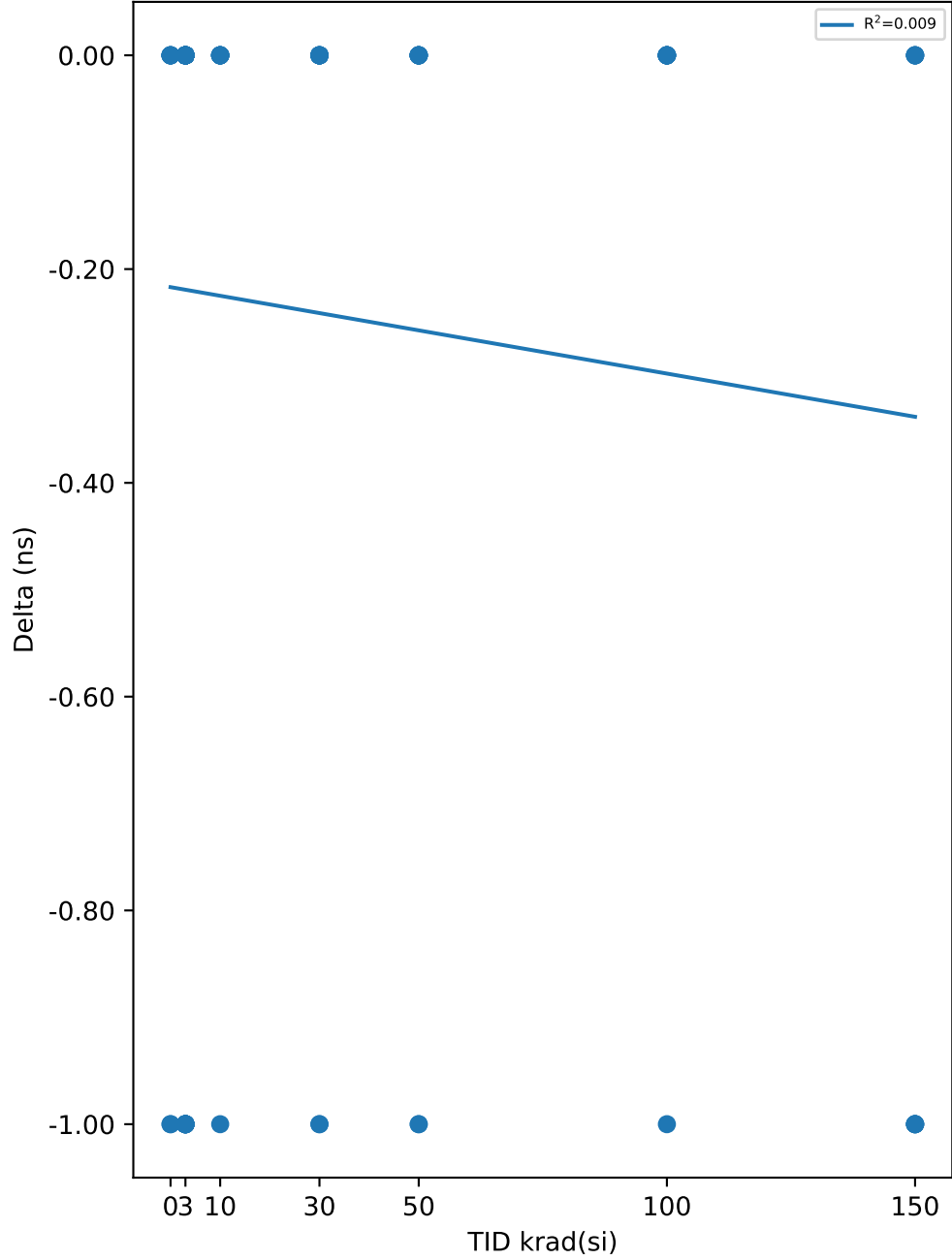
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4.2222	5	0.44096	4	4.1111	5	0.33333	-1	-0.11111	0	0.33333
10	4	4.2222	5	0.44096	4	4.2222	5	0.44096	0	0	0	0
30	4	4.2	5	0.42164	4	4.1	5	0.31623	-1	-0.1	0	0.31623
50	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
100	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
150	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305

Device Test: 120.5 Min Input PW Static HS Turn Off SW=100V VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

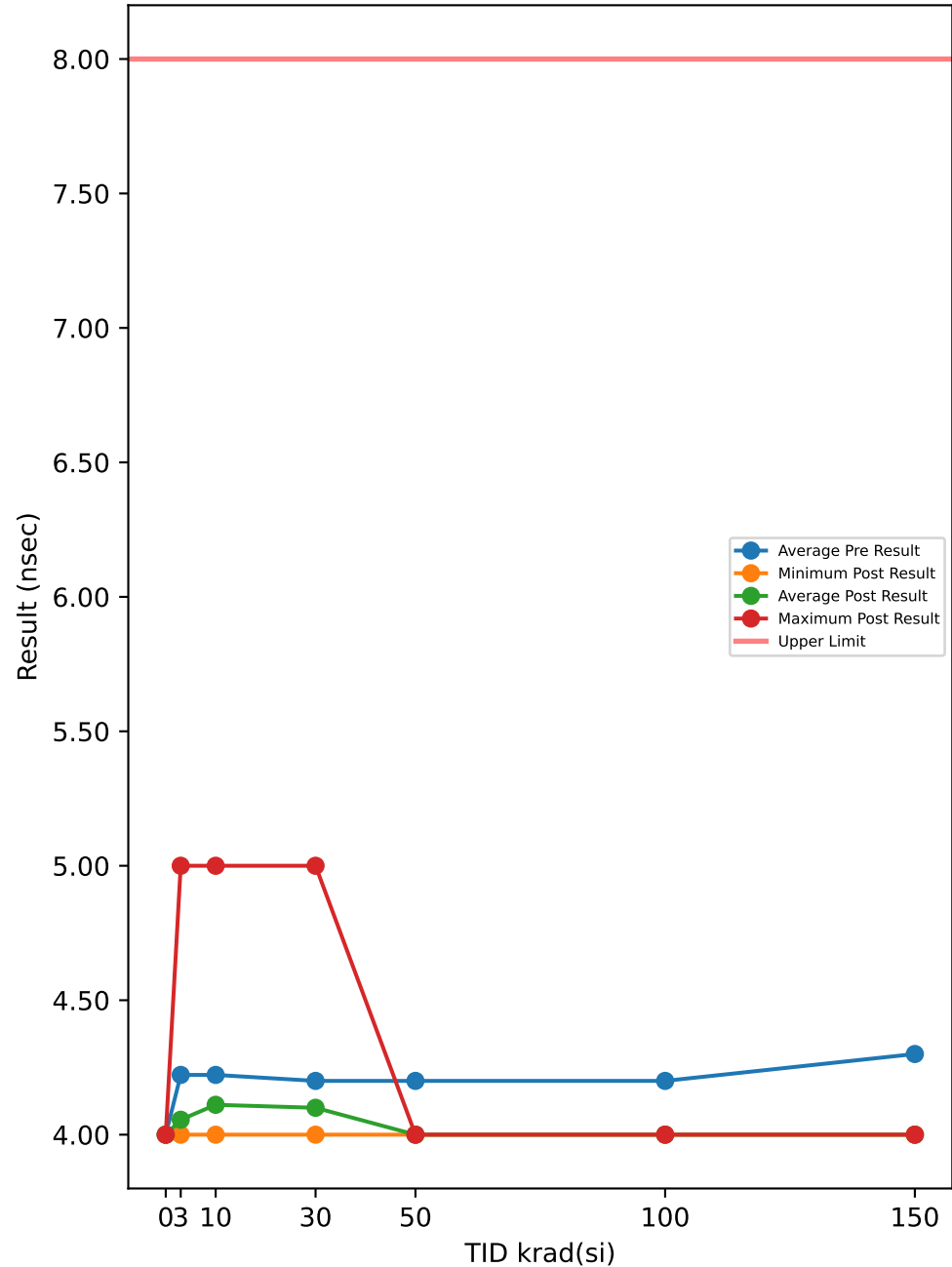
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7	7	0
2	0	CORRELATION	6	6	0
259	3	LDR Biased	7	7	0
426	3	LDR Biased	7	6	-1
427	3	LDR Biased	6	6	0
428	3	LDR Biased	6	6	0
429	3	LDR Unbiased	6	6	0
430	3	LDR Unbiased	7	6	-1
431	3	LDR Unbiased	7	6	-1
432	3	LDR Unbiased	7	7	0
433	3	LDR Unbiased	7	6	-1
1259	10	LDR Biased	7	7	0
1426	10	LDR Biased	7	7	0
1427	10	LDR Biased	6	6	0
1428	10	LDR Biased	6	6	0
1429	10	LDR Unbiased	6	6	0
1430	10	LDR Unbiased	7	7	0
1431	10	LDR Unbiased	7	7	0
1432	10	LDR Unbiased	7	7	0
1433	10	LDR Unbiased	7	6	-1
2434	30	LDR Biased	6	6	0
2435	30	LDR Biased	6	6	0
2436	30	LDR Biased	7	7	0
2437	30	LDR Biased	7	6	-1
2438	30	LDR Biased	7	6	-1
2439	30	LDR Unbiased	7	7	0
2440	30	LDR Unbiased	6	6	0
2441	30	LDR Unbiased	7	7	0
2443	30	LDR Unbiased	6	6	0
2444	30	LDR Unbiased	7	7	0
3434	50	LDR Biased	6	6	0
3435	50	LDR Biased	6	6	0
3436	50	LDR Biased	7	7	0
3437	50	LDR Biased	7	6	-1
3438	50	LDR Biased	7	6	-1
3439	50	LDR Unbiased	7	7	0
3440	50	LDR Unbiased	6	6	0
3441	50	LDR Unbiased	7	7	0
3443	50	LDR Unbiased	6	6	0
3444	50	LDR Unbiased	7	7	0
4434	100	LDR Biased	6	6	0
4435	100	LDR Biased	6	6	0
4436	100	LDR Biased	7	7	0
4437	100	LDR Biased	7	6	-1
4438	100	LDR Biased	7	7	0
4439	100	LDR Unbiased	7	7	0
4440	100	LDR Unbiased	6	6	0
4441	100	LDR Unbiased	7	7	0
4443	100	LDR Unbiased	6	6	0
4444	100	LDR Unbiased	7	7	0
4500	150	LDR Biased	7	6	-1
4501	150	LDR Biased	7	7	0
4502	150	LDR Biased	6	6	0
4503	150	LDR Biased	6	5	-1
4504	150	LDR Biased	6	6	0
4505	150	LDR Unbiased	7	7	0
4506	150	LDR Unbiased	7	6	-1
4507	150	LDR Unbiased	6	6	0
4508	150	LDR Unbiased	7	6	-1
4509	150	LDR Unbiased	7	6	-1

Test Statistics (ns)

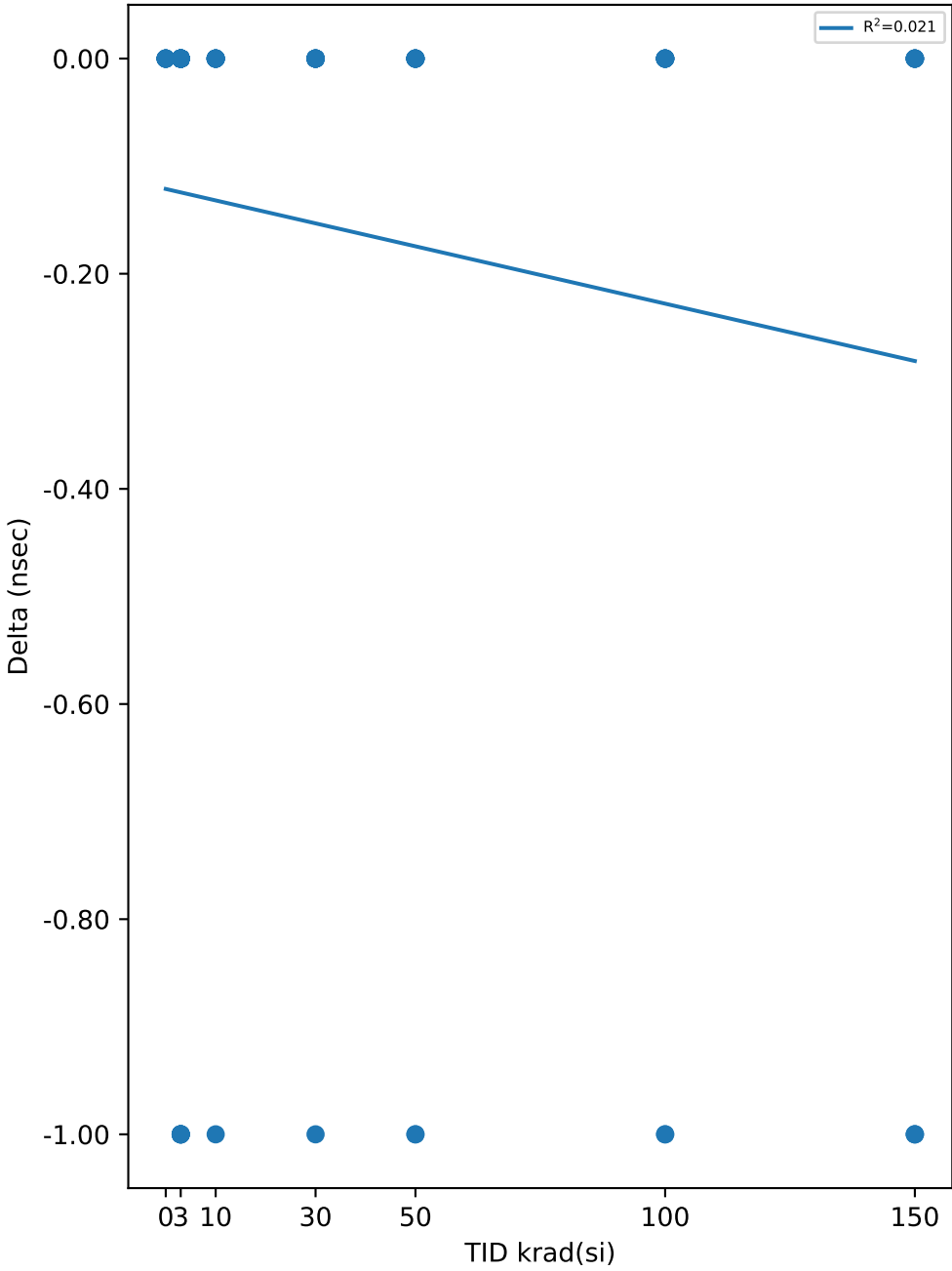
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6	6.5	7	0.70711	6	6.5	7	0.70711	0	0	0	0
3	6	6.6667	7	0.5	6	6.2222	7	0.44096	-1	-0.44444	0	0.52705
10	6	6.6667	7	0.5	6	6.5556	7	0.52705	-1	-0.11111	0	0.33333
30	6	6.6	7	0.5164	6	6.4	7	0.5164	-1	-0.2	0	0.42164
50	6	6.6	7	0.5164	6	6.4	7	0.5164	-1	-0.2	0	0.42164
100	6	6.6	7	0.5164	6	6.5	7	0.52705	-1	-0.1	0	0.31623
150	6	6.6	7	0.5164	5	6.1	7	0.56765	-1	-0.5	0	0.52705

Device Test: 121.0 Min Input PW Static HS Turn On VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (nsec))

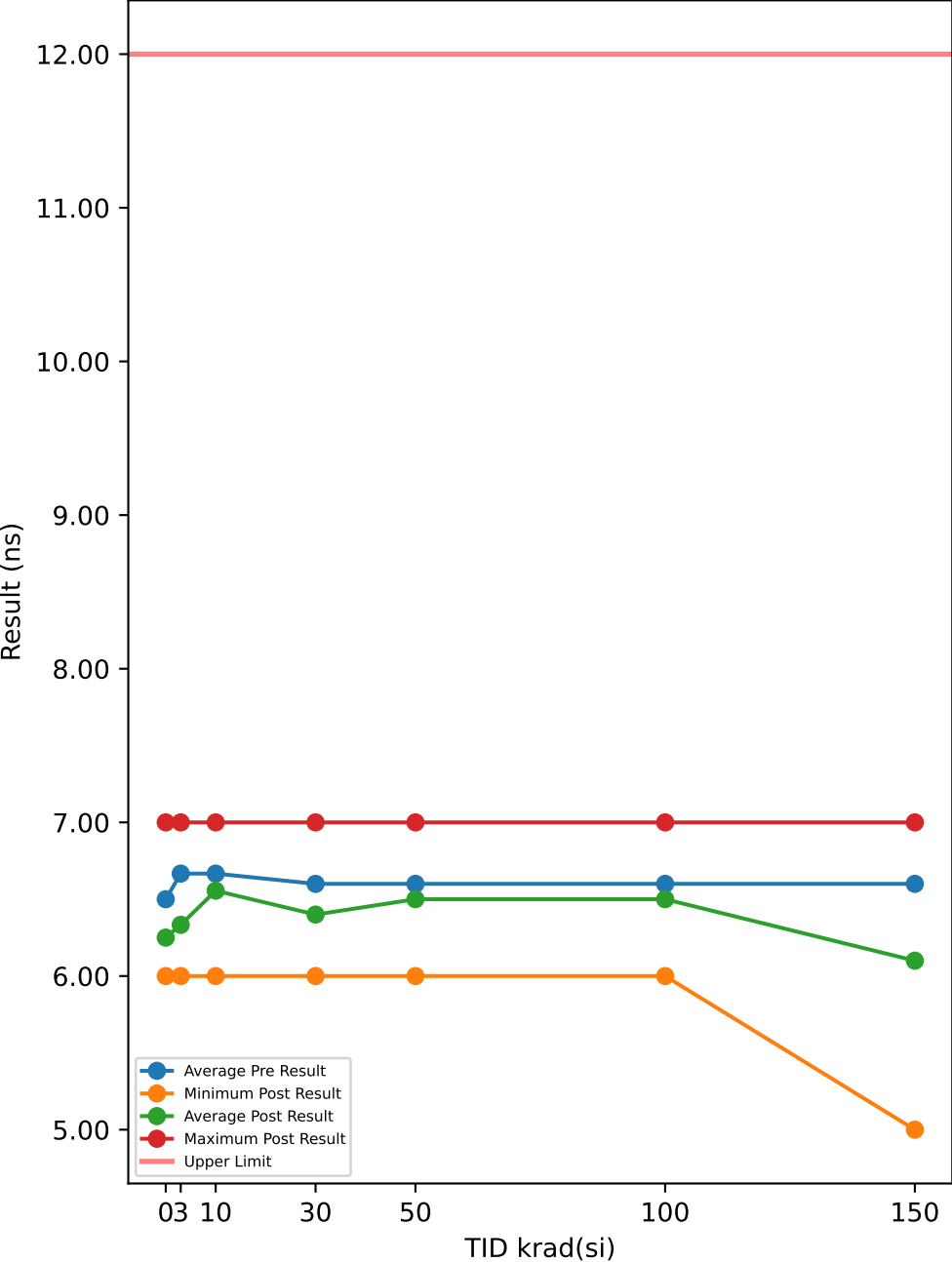
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	5	4	-1
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	5	4	-1
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	5	4	-1
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	5	4	-1
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	5	4	-1
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	5	4	-1
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	5	4	-1
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	5	4	-1
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	5	4	-1
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	5	4	-1
4506	150	LDR Unbiased	5	4	-1
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (nsec)

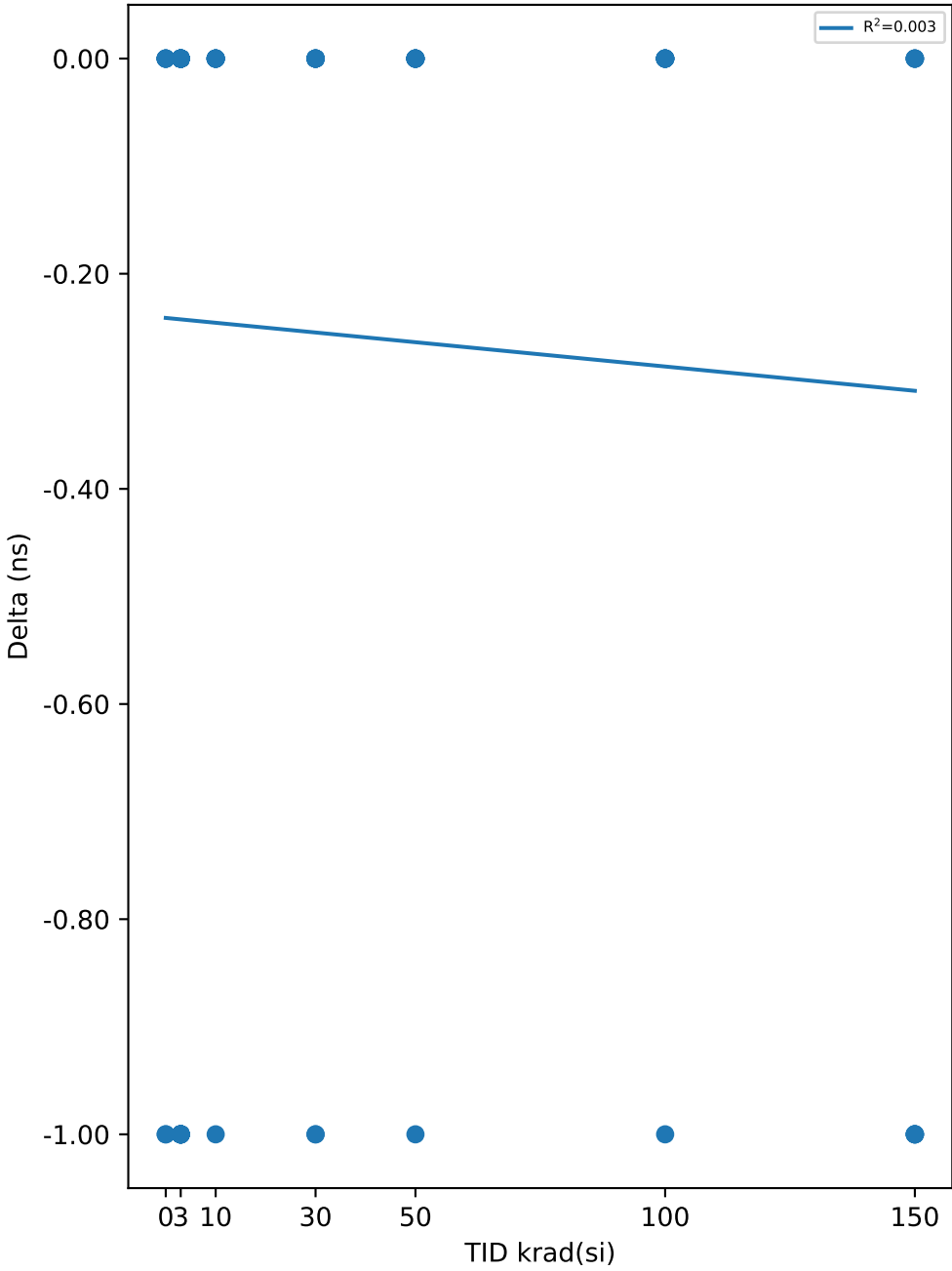
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4.2222	5	0.44096	4	4	4	0	-1	-0.22222	0	0.44096
10	4	4.2222	5	0.44096	4	4.1111	5	0.33333	-1	-0.11111	0	0.33333
30	4	4.2	5	0.42164	4	4.1	5	0.31623	-1	-0.1	0	0.31623
50	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
100	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
150	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305

Device Test: 121.1 Min Input PW Static HS Turn Off VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

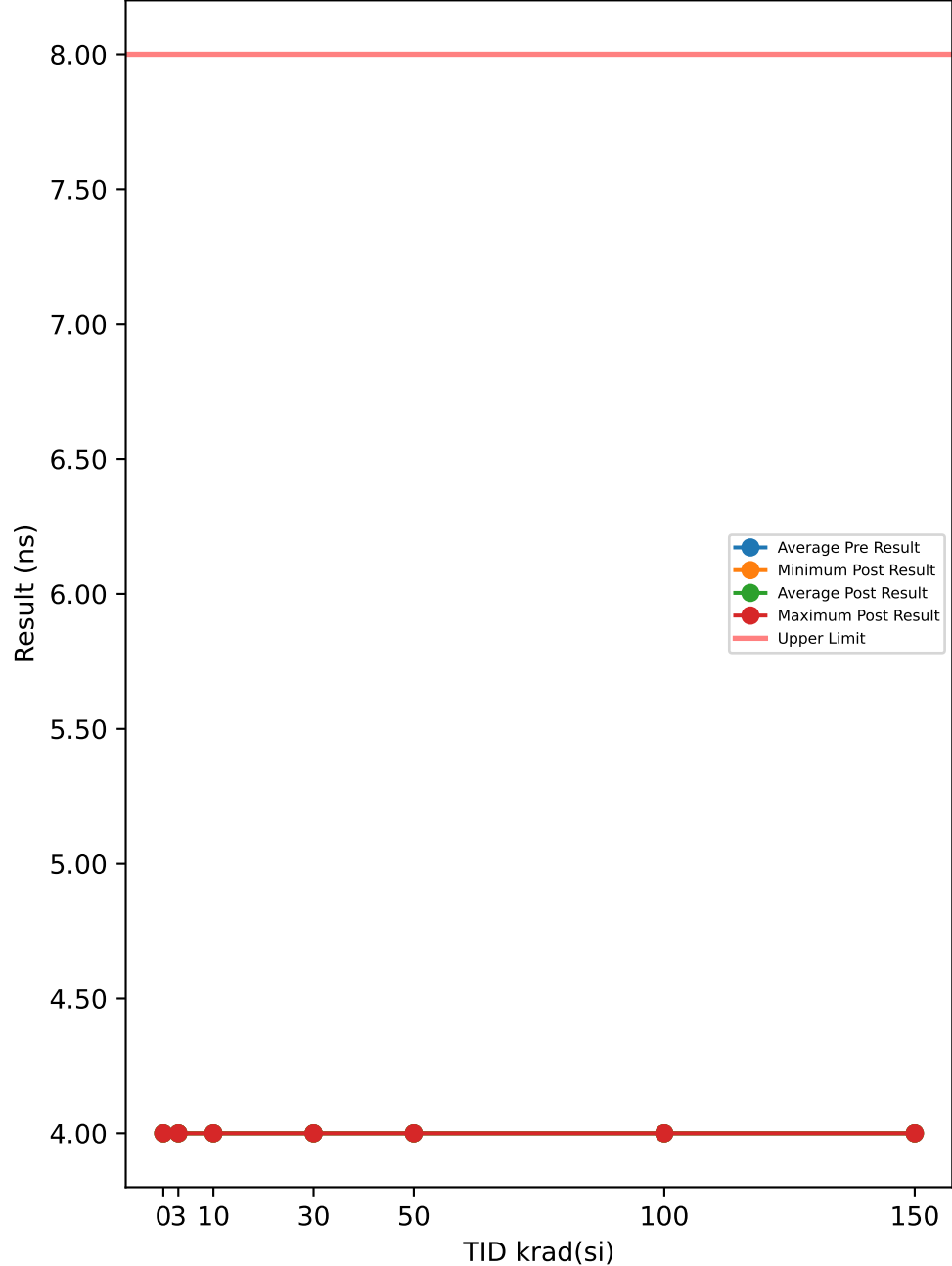
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7	7	0
2	0	CORRELATION	6	6	0
259	3	LDR Biased	7	7	0
426	3	LDR Biased	7	6	-1
427	3	LDR Biased	6	6	0
428	3	LDR Biased	6	6	0
429	3	LDR Unbiased	6	6	0
430	3	LDR Unbiased	7	6	-1
431	3	LDR Unbiased	7	6	-1
432	3	LDR Unbiased	7	6	-1
433	3	LDR Unbiased	7	6	-1
1259	10	LDR Biased	7	7	0
1426	10	LDR Biased	7	7	0
1427	10	LDR Biased	6	6	0
1428	10	LDR Biased	6	6	0
1429	10	LDR Unbiased	6	6	0
1430	10	LDR Unbiased	7	7	0
1431	10	LDR Unbiased	7	7	0
1432	10	LDR Unbiased	7	7	0
1433	10	LDR Unbiased	7	6	-1
2434	30	LDR Biased	6	6	0
2435	30	LDR Biased	6	6	0
2436	30	LDR Biased	7	7	0
2437	30	LDR Biased	7	6	-1
2438	30	LDR Biased	7	6	-1
2439	30	LDR Unbiased	7	7	0
2440	30	LDR Unbiased	6	6	0
2441	30	LDR Unbiased	7	7	0
2443	30	LDR Unbiased	6	6	0
2444	30	LDR Unbiased	7	7	0
3434	50	LDR Biased	6	6	0
3435	50	LDR Biased	6	6	0
3436	50	LDR Biased	7	7	0
3437	50	LDR Biased	7	6	-1
3438	50	LDR Biased	7	7	0
3439	50	LDR Unbiased	7	7	0
3440	50	LDR Unbiased	6	6	0
3441	50	LDR Unbiased	7	7	0
3443	50	LDR Unbiased	6	6	0
3444	50	LDR Unbiased	7	7	0
4434	100	LDR Biased	6	6	0
4435	100	LDR Biased	6	6	0
4436	100	LDR Biased	7	7	0
4437	100	LDR Biased	7	6	-1
4438	100	LDR Biased	7	7	0
4439	100	LDR Unbiased	7	7	0
4440	100	LDR Unbiased	6	6	0
4441	100	LDR Unbiased	7	7	0
4443	100	LDR Unbiased	6	6	0
4444	100	LDR Unbiased	7	7	0
4500	150	LDR Biased	7	6	-1
4501	150	LDR Biased	7	7	0
4502	150	LDR Biased	6	6	0
4503	150	LDR Biased	6	5	-1
4504	150	LDR Biased	6	6	0
4505	150	LDR Unbiased	7	7	0
4506	150	LDR Unbiased	7	6	-1
4507	150	LDR Unbiased	6	6	0
4508	150	LDR Unbiased	7	6	-1
4509	150	LDR Unbiased	7	6	-1

Test Statistics (ns)

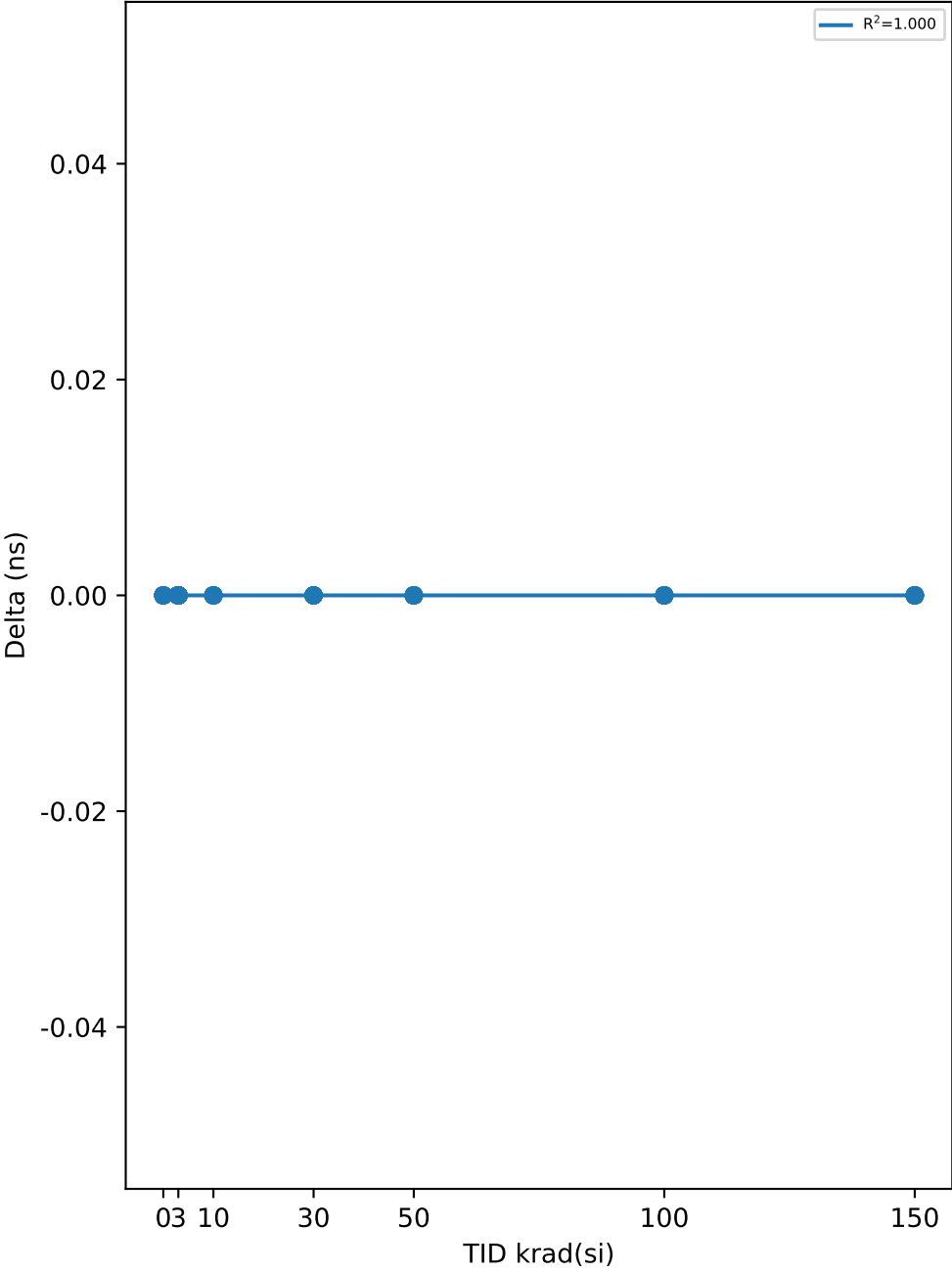
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6	6.5	7	0.70711	6	6.5	7	0.70711	0	0	0	0
3	6	6.6667	7	0.5	6	6.1111	7	0.33333	-1	-0.55556	0	0.52705
10	6	6.6667	7	0.5	6	6.5556	7	0.52705	-1	-0.11111	0	0.33333
30	6	6.6	7	0.5164	6	6.4	7	0.5164	-1	-0.2	0	0.42164
50	6	6.6	7	0.5164	6	6.5	7	0.52705	-1	-0.1	0	0.31623
100	6	6.6	7	0.5164	6	6.5	7	0.52705	-1	-0.1	0	0.31623
150	6	6.6	7	0.5164	5	6.1	7	0.56765	-1	-0.5	0	0.52705

Device Test: 121.2 Min Input PW Static LS Turn On VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (ns))

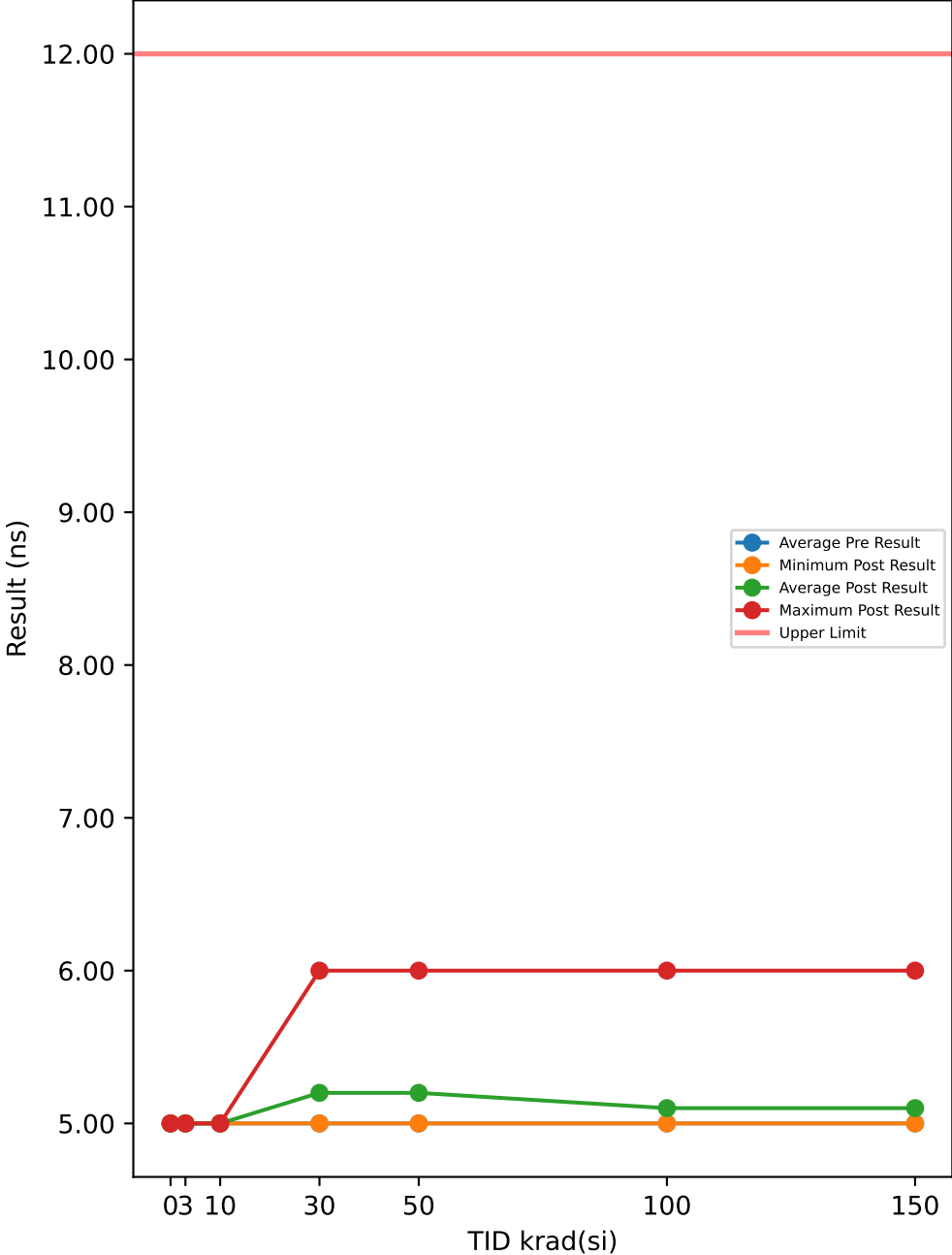
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	4	4	0
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	4	4	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	4	4	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	4	4	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	4	4	0
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	4	4	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	4	4	0
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	4	4	0
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	4	4	0
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	4	4	0
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	4	4	0
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	4	4	0
4506	150	LDR Unbiased	4	4	0
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (ns)

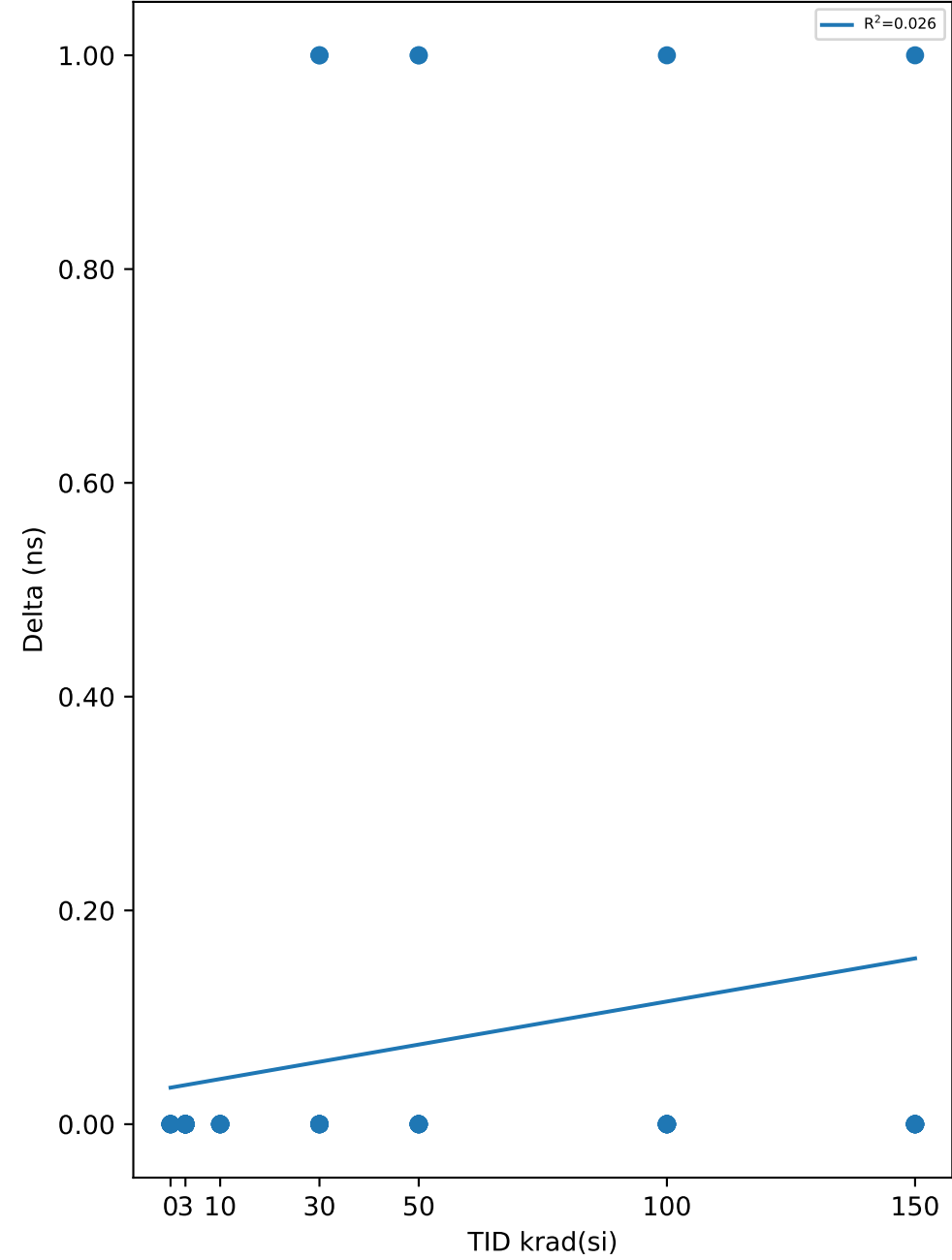
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4	4	0	4	4	4	0	0	0	0	0
10	4	4	4	0	4	4	4	0	0	0	0	0
30	4	4	4	0	4	4	4	0	0	0	0	0
50	4	4	4	0	4	4	4	0	0	0	0	0
100	4	4	4	0	4	4	4	0	0	0	0	0
150	4	4	4	0	4	4	4	0	0	0	0	0

Device Test: 121.3 Min Input PW Static LS Turn Off VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

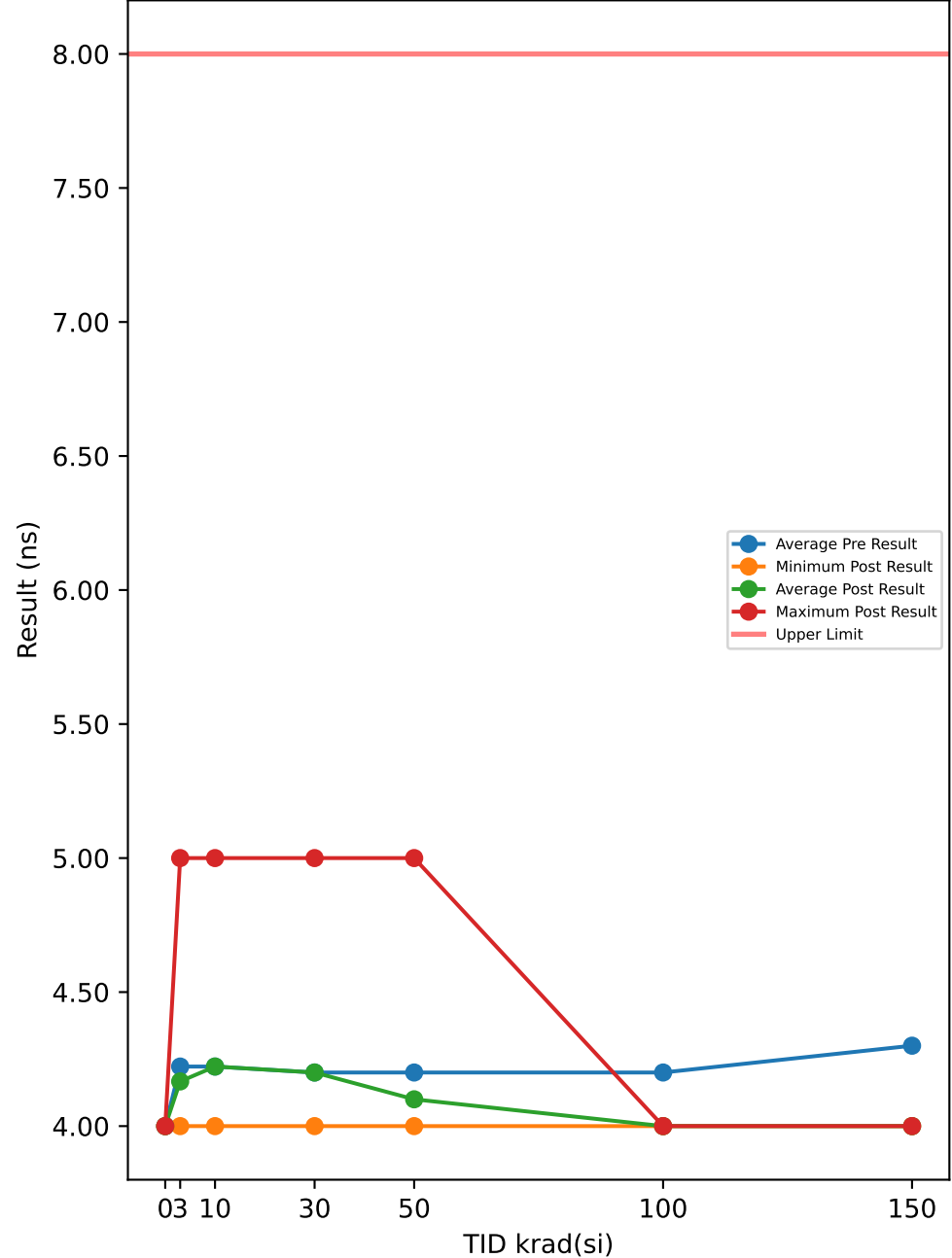
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5	5	0
2	0	CORRELATION	5	5	0
259	3	LDR Biased	5	5	0
426	3	LDR Biased	5	5	0
427	3	LDR Biased	5	5	0
428	3	LDR Biased	5	5	0
429	3	LDR Unbiased	5	5	0
430	3	LDR Unbiased	5	5	0
431	3	LDR Unbiased	5	5	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	5	5	0
1259	10	LDR Biased	5	5	0
1426	10	LDR Biased	5	5	0
1427	10	LDR Biased	5	5	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	5	5	0
1430	10	LDR Unbiased	5	5	0
1431	10	LDR Unbiased	5	5	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	5	5	0
2434	30	LDR Biased	5	5	0
2435	30	LDR Biased	5	5	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	5	5	0
2438	30	LDR Biased	5	5	0
2439	30	LDR Unbiased	5	5	0
2440	30	LDR Unbiased	5	5	0
2441	30	LDR Unbiased	5	6	1
2443	30	LDR Unbiased	5	5	0
2444	30	LDR Unbiased	5	6	1
3434	50	LDR Biased	5	5	0
3435	50	LDR Biased	5	5	0
3436	50	LDR Biased	5	5	0
3437	50	LDR Biased	5	5	0
3438	50	LDR Biased	5	5	0
3439	50	LDR Unbiased	5	5	0
3440	50	LDR Unbiased	5	5	0
3441	50	LDR Unbiased	5	6	1
3443	50	LDR Unbiased	5	5	0
3444	50	LDR Unbiased	5	6	1
4434	100	LDR Biased	5	5	0
4435	100	LDR Biased	5	5	0
4436	100	LDR Biased	5	5	0
4437	100	LDR Biased	5	5	0
4438	100	LDR Biased	5	5	0
4439	100	LDR Unbiased	5	5	0
4440	100	LDR Unbiased	5	5	0
4441	100	LDR Unbiased	5	5	0
4443	100	LDR Unbiased	5	5	0
4444	100	LDR Unbiased	5	6	1
4500	150	LDR Biased	5	5	0
4501	150	LDR Biased	5	5	0
4502	150	LDR Biased	5	6	1
4503	150	LDR Biased	5	5	0
4504	150	LDR Biased	5	5	0
4505	150	LDR Unbiased	5	5	0
4506	150	LDR Unbiased	5	5	0
4507	150	LDR Unbiased	5	5	0
4508	150	LDR Unbiased	5	5	0
4509	150	LDR Unbiased	5	5	0

Test Statistics (ns)

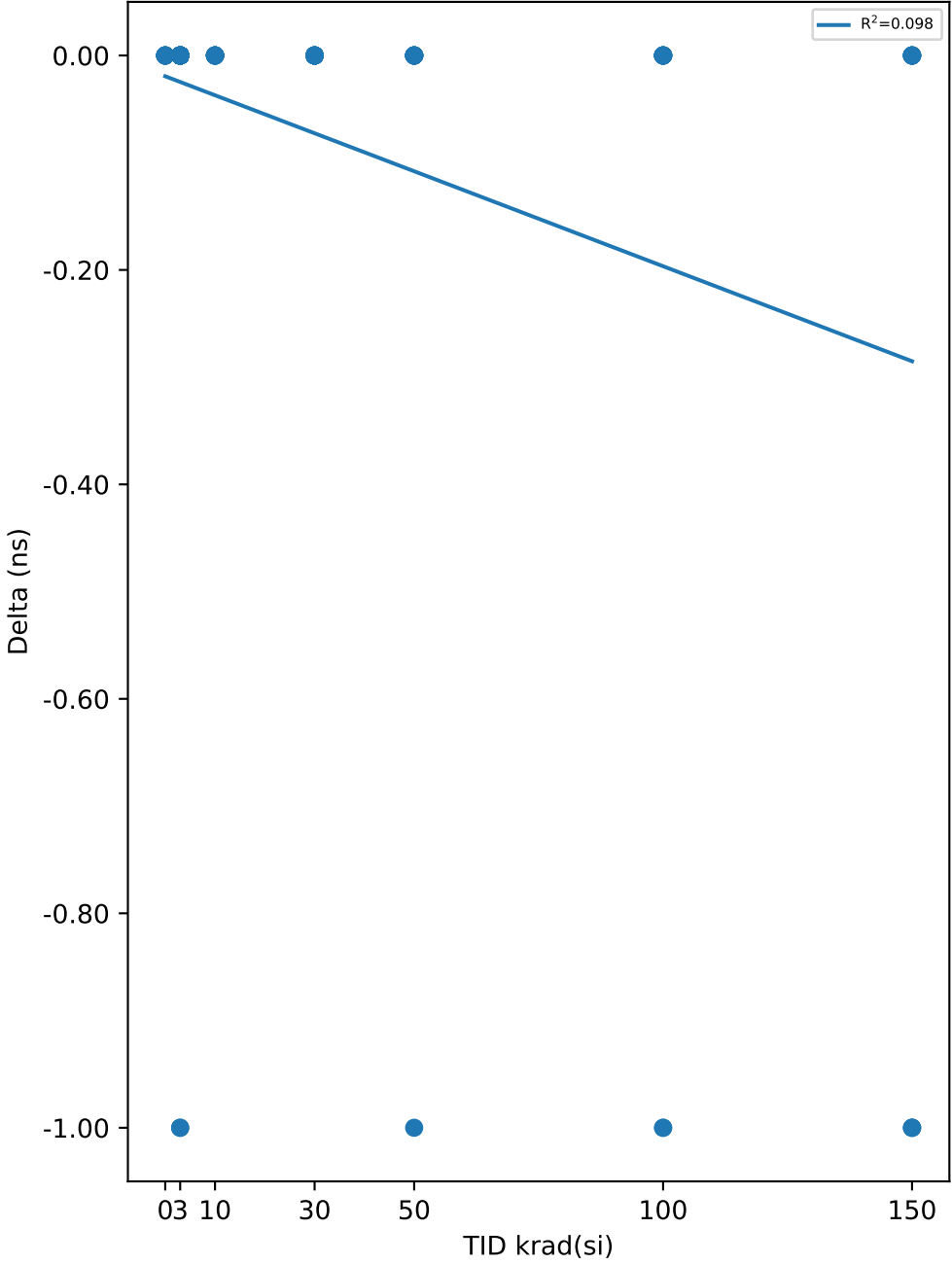
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5	5	0	0	0	0	0
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
50	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
100	5	5	5	0	5	5.1	6	0.31623	0	0.1	1	0.31623
150	5	5	5	0	5	5.1	6	0.31623	0	0.1	1	0.31623

Device Test: 121.4 Min Input PW Static HS Turn On SW=100V VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (ns))

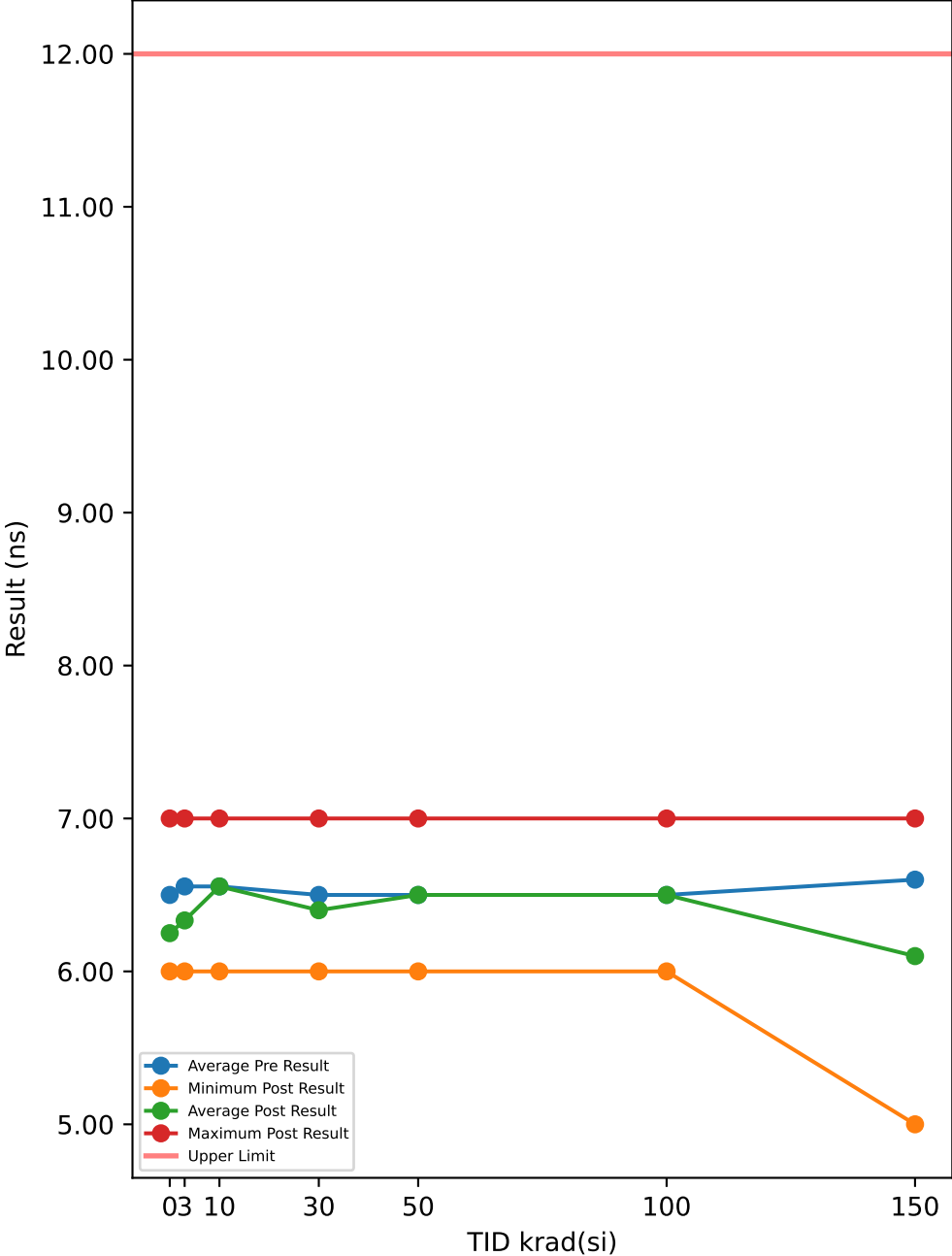
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	5	4	-1
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	5	5	0
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	5	4	-1
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	5	5	0
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	5	4	-1
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	5	4	-1
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	5	4	-1
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	5	4	-1
4506	150	LDR Unbiased	5	4	-1
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (ns)

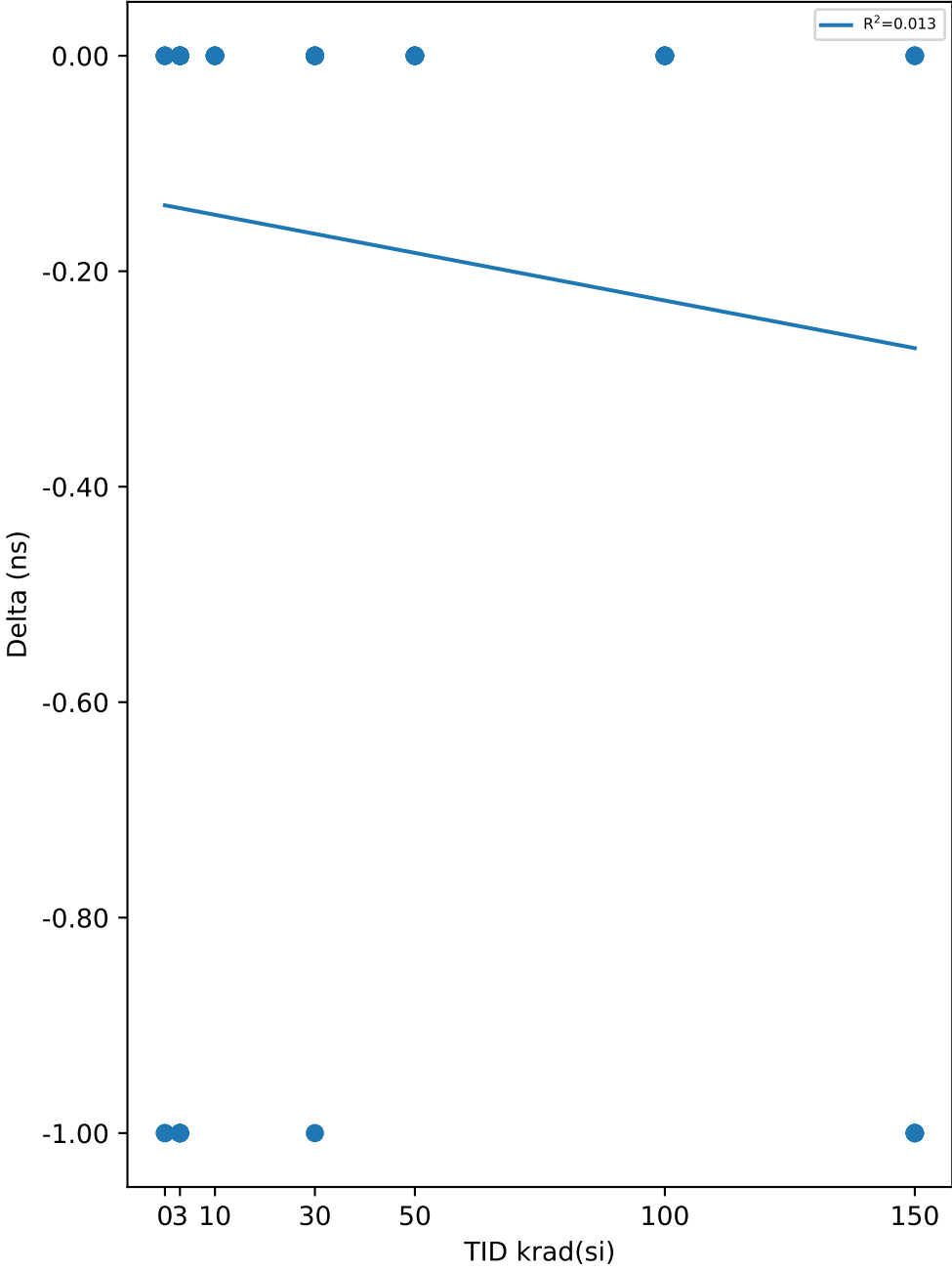
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4.2222	5	0.44096	4	4.1111	5	0.33333	-1	-0.11111	0	0.33333
10	4	4.2222	5	0.44096	4	4.2222	5	0.44096	0	0	0	0
30	4	4.2	5	0.42164	4	4.2	5	0.42164	0	0	0	0
50	4	4.2	5	0.42164	4	4.1	5	0.31623	-1	-0.1	0	0.31623
100	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
150	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305

Device Test: 121.5 Min Input PW Static HS Turn Off SW=100V VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

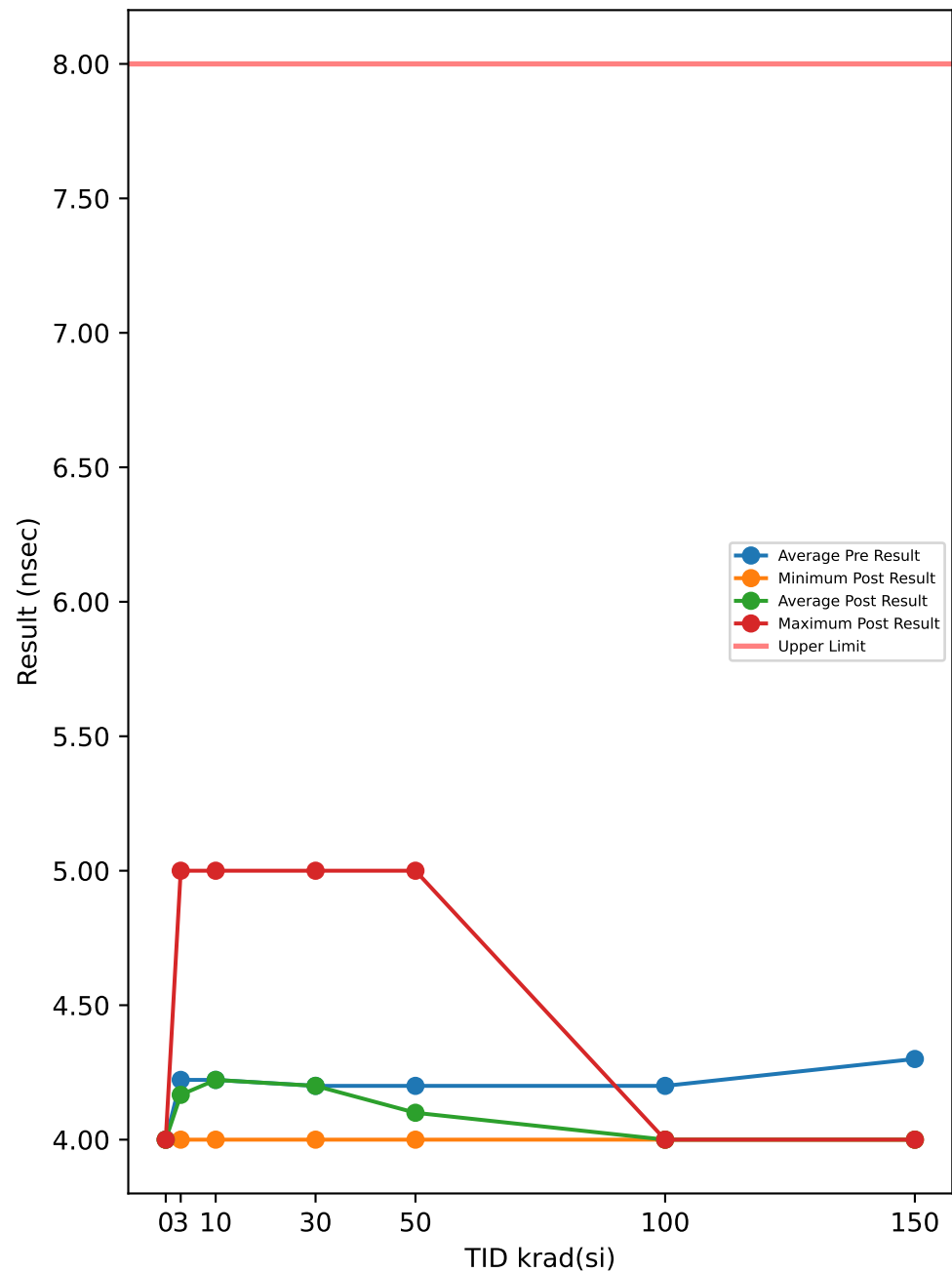
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7	7	0
2	0	CORRELATION	6	6	0
259	3	LDR Biased	7	7	0
426	3	LDR Biased	7	6	-1
427	3	LDR Biased	6	6	0
428	3	LDR Biased	6	6	0
429	3	LDR Unbiased	6	6	0
430	3	LDR Unbiased	7	6	-1
431	3	LDR Unbiased	7	6	-1
432	3	LDR Unbiased	7	6	-1
433	3	LDR Unbiased	6	6	0
1259	10	LDR Biased	7	7	0
1426	10	LDR Biased	7	7	0
1427	10	LDR Biased	6	6	0
1428	10	LDR Biased	6	6	0
1429	10	LDR Unbiased	6	6	0
1430	10	LDR Unbiased	7	7	0
1431	10	LDR Unbiased	7	7	0
1432	10	LDR Unbiased	7	7	0
1433	10	LDR Unbiased	6	6	0
2434	30	LDR Biased	6	6	0
2435	30	LDR Biased	6	6	0
2436	30	LDR Biased	7	7	0
2437	30	LDR Biased	6	6	0
2438	30	LDR Biased	7	6	-1
2439	30	LDR Unbiased	7	7	0
2440	30	LDR Unbiased	6	6	0
2441	30	LDR Unbiased	7	7	0
2443	30	LDR Unbiased	6	6	0
2444	30	LDR Unbiased	7	7	0
3434	50	LDR Biased	6	6	0
3435	50	LDR Biased	6	6	0
3436	50	LDR Biased	7	7	0
3437	50	LDR Biased	6	6	0
3438	50	LDR Biased	7	7	0
3439	50	LDR Unbiased	7	7	0
3440	50	LDR Unbiased	6	6	0
3441	50	LDR Unbiased	7	7	0
3443	50	LDR Unbiased	6	6	0
3444	50	LDR Unbiased	7	7	0
4434	100	LDR Biased	6	6	0
4435	100	LDR Biased	6	6	0
4436	100	LDR Biased	7	7	0
4437	100	LDR Biased	6	6	0
4438	100	LDR Biased	7	7	0
4439	100	LDR Unbiased	7	7	0
4440	100	LDR Unbiased	6	6	0
4441	100	LDR Unbiased	7	7	0
4443	100	LDR Unbiased	6	6	0
4444	100	LDR Unbiased	7	7	0
4500	150	LDR Biased	7	6	-1
4501	150	LDR Biased	7	7	0
4502	150	LDR Biased	6	6	0
4503	150	LDR Biased	6	5	-1
4504	150	LDR Biased	6	6	0
4505	150	LDR Unbiased	7	7	0
4506	150	LDR Unbiased	7	6	-1
4507	150	LDR Unbiased	6	6	0
4508	150	LDR Unbiased	7	6	-1
4509	150	LDR Unbiased	7	6	-1

Test Statistics (ns)

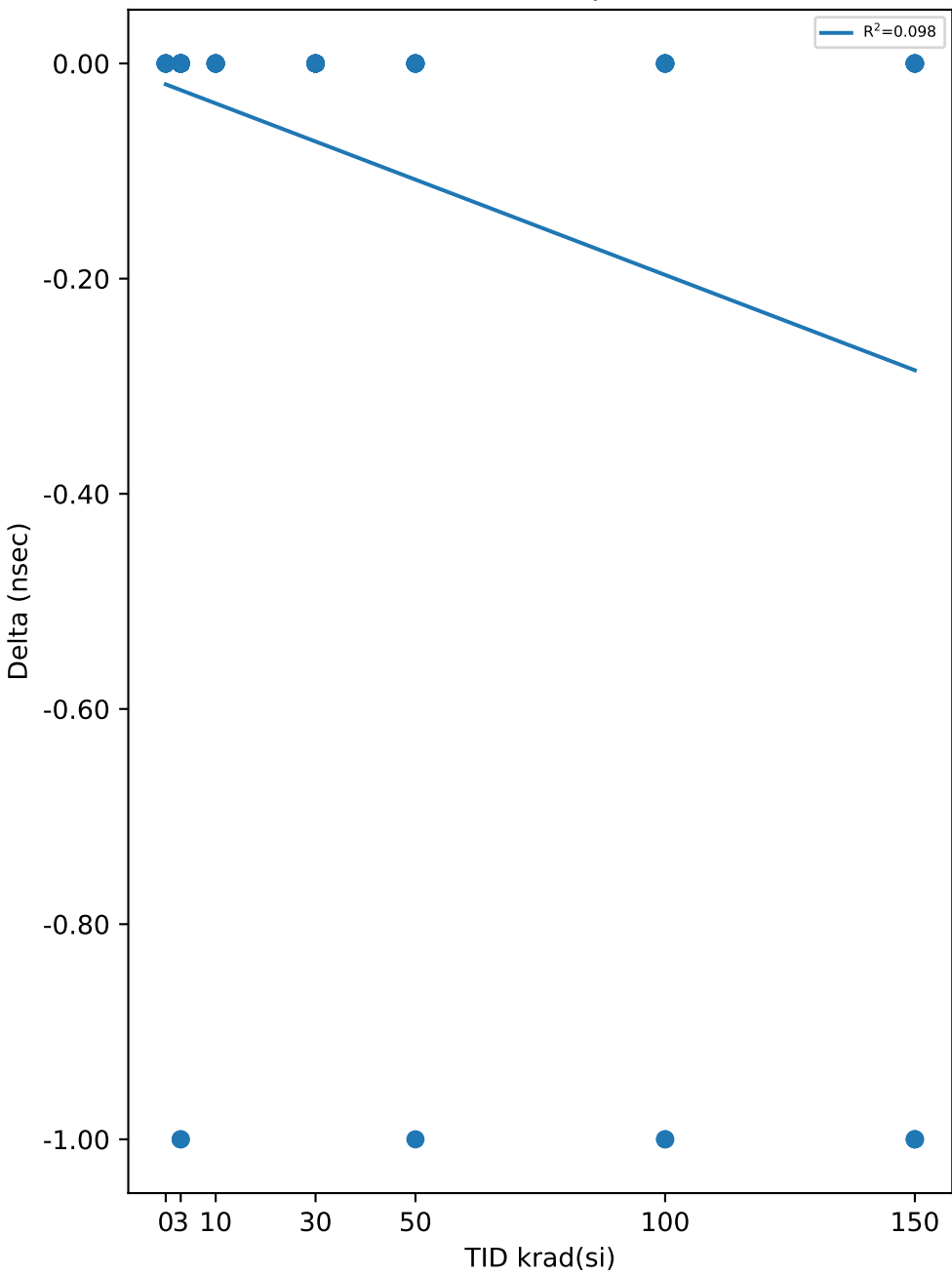
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6	6.5	7	0.70711	6	6.5	7	0.70711	0	0	0	0
3	6	6.5556	7	0.52705	6	6.1111	7	0.33333	-1	-0.44444	0	0.52705
10	6	6.5556	7	0.52705	6	6.5556	7	0.52705	0	0	0	0
30	6	6.5	7	0.52705	6	6.4	7	0.5164	-1	-0.1	0	0.31623
50	6	6.5	7	0.52705	6	6.5	7	0.52705	0	0	0	0
100	6	6.5	7	0.52705	6	6.5	7	0.52705	0	0	0	0
150	6	6.6	7	0.5164	5	6.1	7	0.56765	-1	-0.5	0	0.52705

Device Test: 122.0 Min Input PW Static HS Turn On VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (nsec))

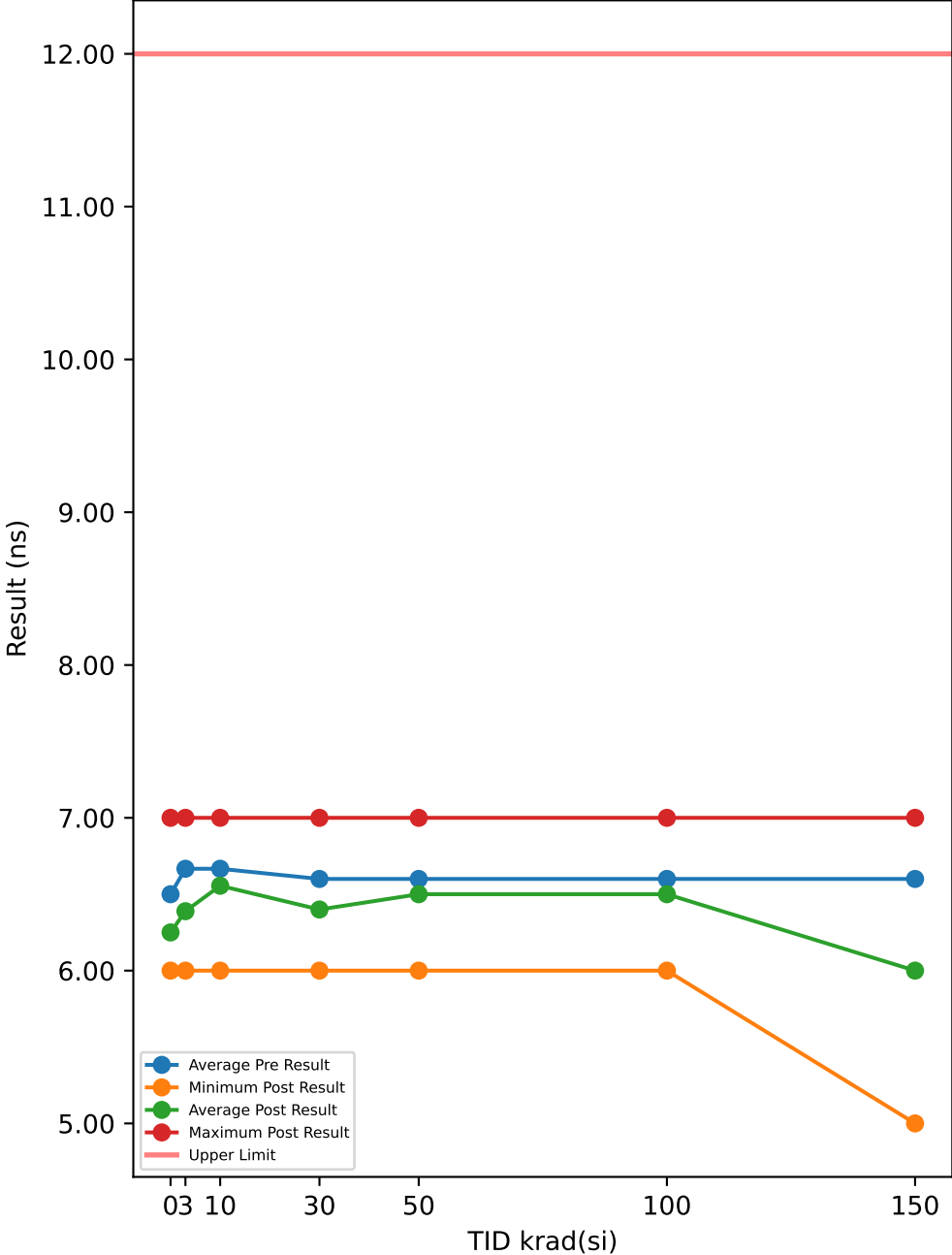
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	5	4	-1
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	5	5	0
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	5	4	-1
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	5	5	0
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	5	4	-1
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	5	4	-1
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	5	4	-1
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	5	4	-1
4506	150	LDR Unbiased	5	4	-1
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (nsec)

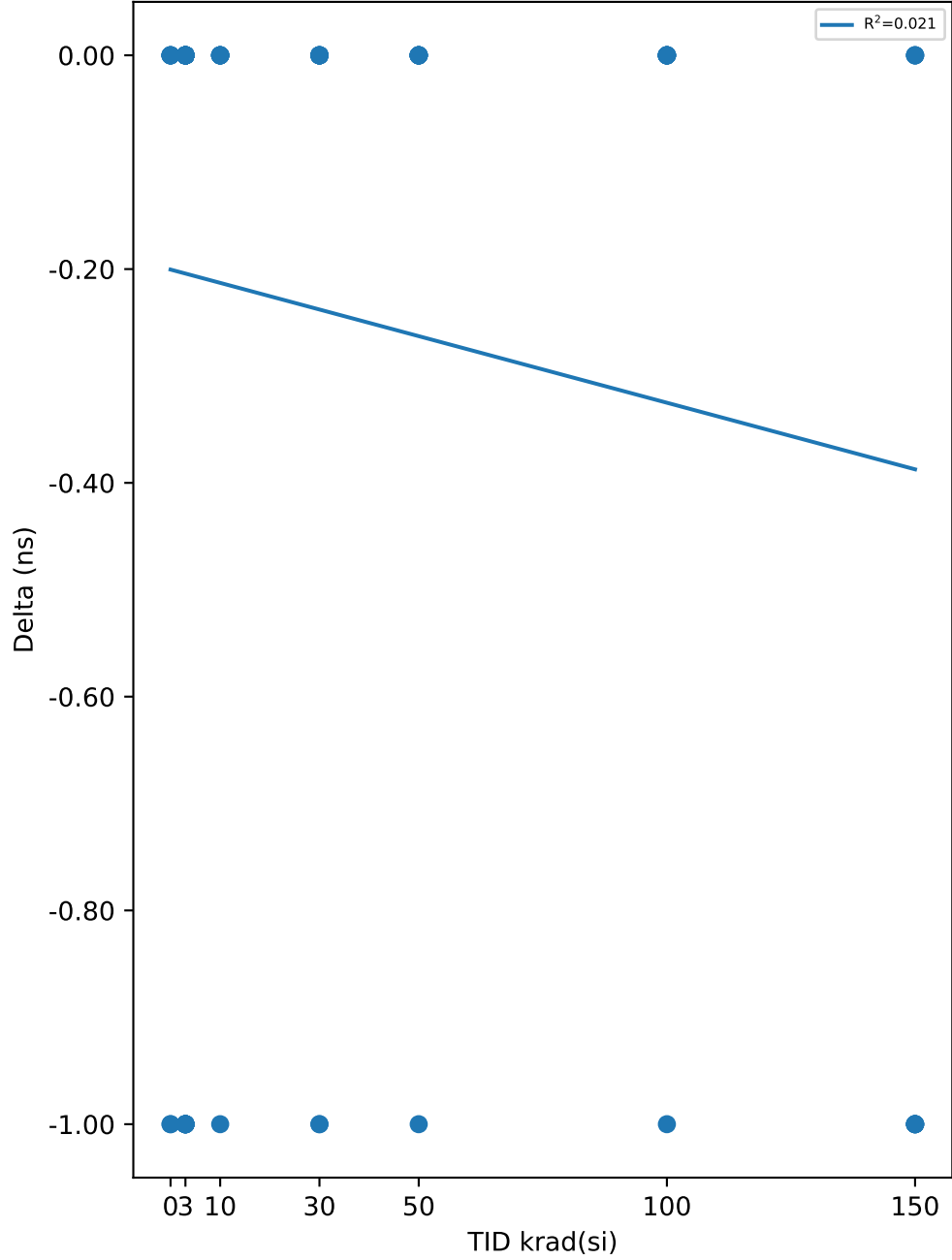
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4.2222	5	0.44096	4	4.1111	5	0.33333	-1	-0.11111	0	0.33333
10	4	4.2222	5	0.44096	4	4.2222	5	0.44096	0	0	0	0
30	4	4.2	5	0.42164	4	4.2	5	0.42164	0	0	0	0
50	4	4.2	5	0.42164	4	4.1	5	0.31623	-1	-0.1	0	0.31623
100	4	4.2	5	0.42164	4	4	4	0	-1	-0.2	0	0.42164
150	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305

Device Test: 122.1 Min Input PW Static HS Turn Off VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

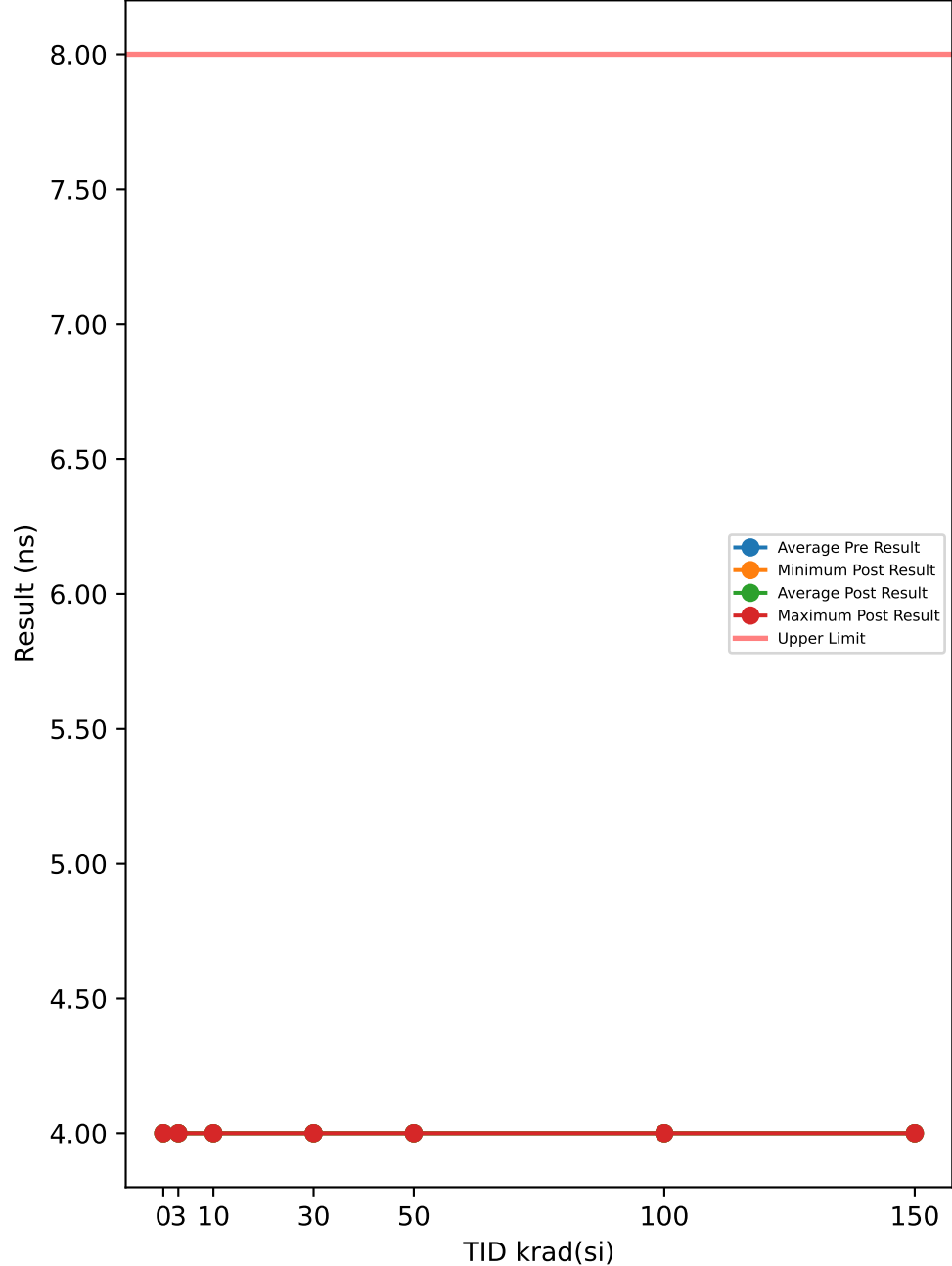
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7	7	0
2	0	CORRELATION	6	6	0
259	3	LDR Biased	7	7	0
426	3	LDR Biased	7	6	-1
427	3	LDR Biased	6	6	0
428	3	LDR Biased	6	6	0
429	3	LDR Unbiased	6	6	0
430	3	LDR Unbiased	7	6	-1
431	3	LDR Unbiased	7	6	-1
432	3	LDR Unbiased	7	7	0
433	3	LDR Unbiased	7	6	-1
1259	10	LDR Biased	7	7	0
1426	10	LDR Biased	7	7	0
1427	10	LDR Biased	6	6	0
1428	10	LDR Biased	6	6	0
1429	10	LDR Unbiased	6	6	0
1430	10	LDR Unbiased	7	7	0
1431	10	LDR Unbiased	7	7	0
1432	10	LDR Unbiased	7	7	0
1433	10	LDR Unbiased	7	6	-1
2434	30	LDR Biased	6	6	0
2435	30	LDR Biased	6	6	0
2436	30	LDR Biased	7	7	0
2437	30	LDR Biased	7	6	-1
2438	30	LDR Biased	7	6	-1
2439	30	LDR Unbiased	7	7	0
2440	30	LDR Unbiased	6	6	0
2441	30	LDR Unbiased	7	7	0
2443	30	LDR Unbiased	6	6	0
2444	30	LDR Unbiased	7	7	0
3434	50	LDR Biased	6	6	0
3435	50	LDR Biased	6	6	0
3436	50	LDR Biased	7	7	0
3437	50	LDR Biased	7	6	-1
3438	50	LDR Biased	7	7	0
3439	50	LDR Unbiased	7	7	0
3440	50	LDR Unbiased	6	6	0
3441	50	LDR Unbiased	7	7	0
3443	50	LDR Unbiased	6	6	0
3444	50	LDR Unbiased	7	7	0
4434	100	LDR Biased	6	6	0
4435	100	LDR Biased	6	6	0
4436	100	LDR Biased	7	7	0
4437	100	LDR Biased	7	6	-1
4438	100	LDR Biased	7	7	0
4439	100	LDR Unbiased	7	7	0
4440	100	LDR Unbiased	6	6	0
4441	100	LDR Unbiased	7	7	0
4443	100	LDR Unbiased	6	6	0
4444	100	LDR Unbiased	7	7	0
4500	150	LDR Biased	7	6	-1
4501	150	LDR Biased	7	7	0
4502	150	LDR Biased	6	6	0
4503	150	LDR Biased	6	5	-1
4504	150	LDR Biased	6	5	-1
4505	150	LDR Unbiased	7	7	0
4506	150	LDR Unbiased	7	6	-1
4507	150	LDR Unbiased	6	6	0
4508	150	LDR Unbiased	7	6	-1
4509	150	LDR Unbiased	7	6	-1

Test Statistics (ns)

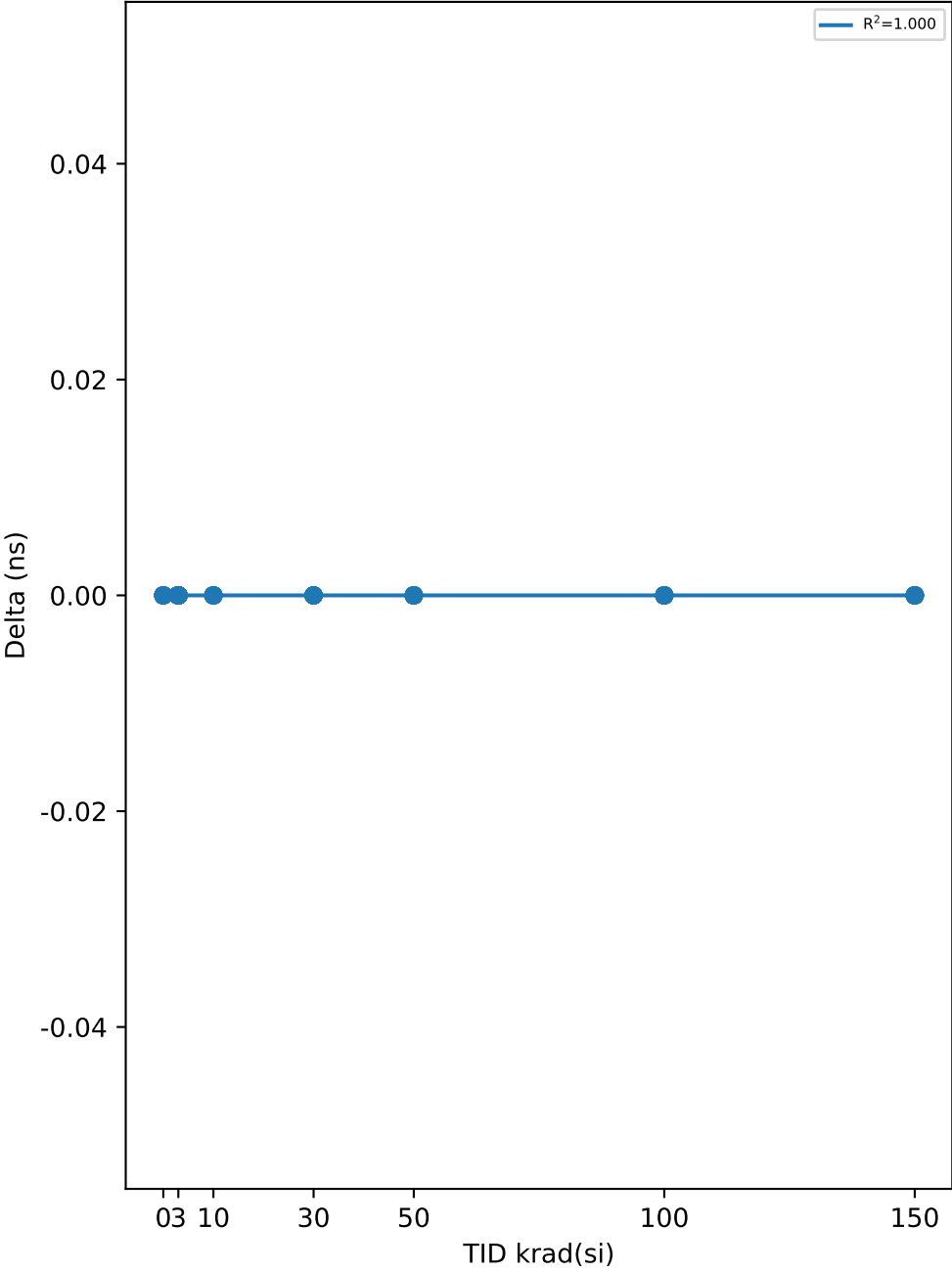
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6	6.5	7	0.70711	6	6.5	7	0.70711	0	0	0	0
3	6	6.6667	7	0.5	6	6.2222	7	0.44096	-1	-0.44444	0	0.52705
10	6	6.6667	7	0.5	6	6.5556	7	0.52705	-1	-0.11111	0	0.33333
30	6	6.6	7	0.5164	6	6.4	7	0.5164	-1	-0.2	0	0.42164
50	6	6.6	7	0.5164	6	6.5	7	0.52705	-1	-0.1	0	0.31623
100	6	6.6	7	0.5164	6	6.5	7	0.52705	-1	-0.1	0	0.31623
150	6	6.6	7	0.5164	5	6	7	0.66667	-1	-0.6	0	0.5164

Device Test: 122.2 Min Input PW Static LS Turn On VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (ns))

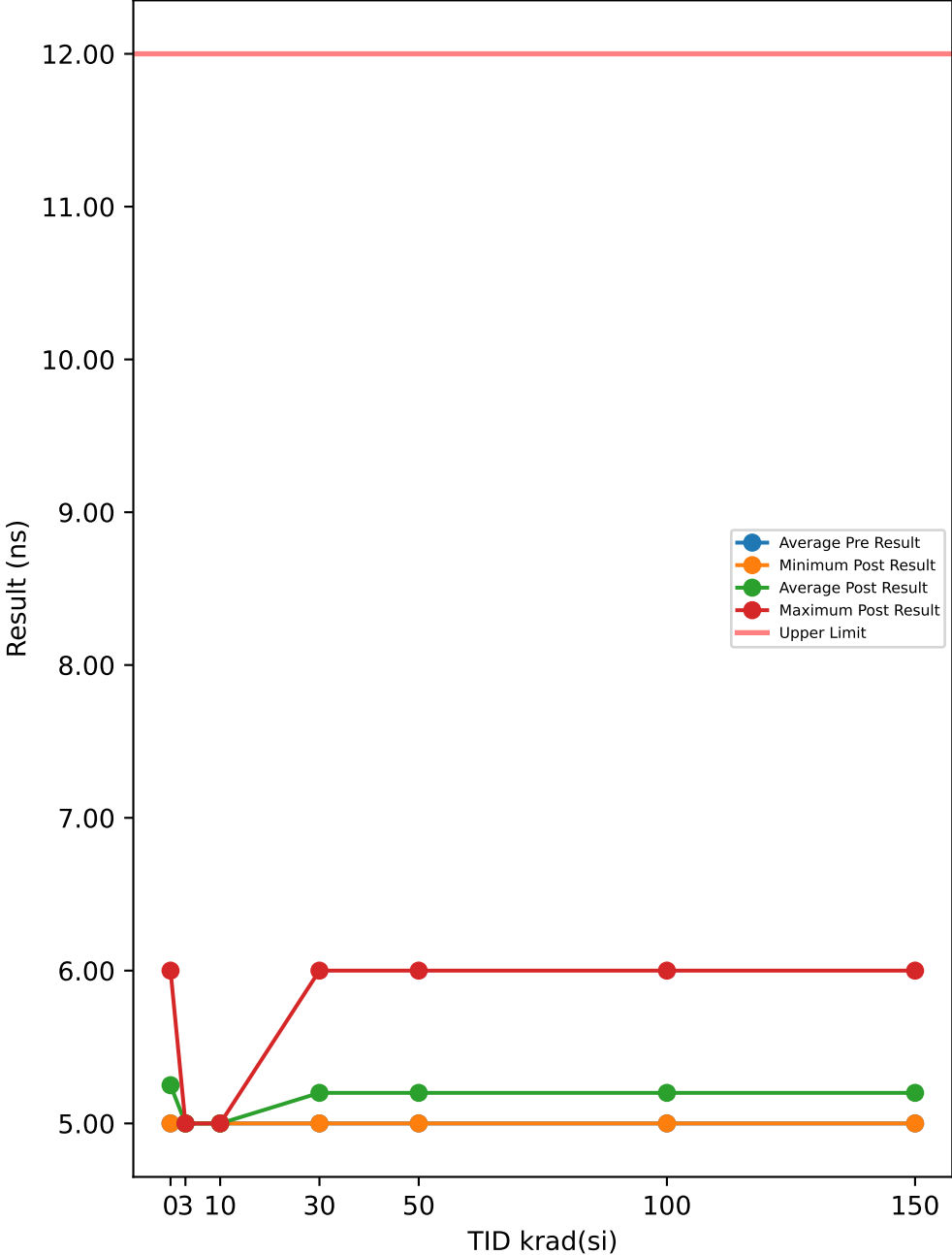
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	4	4	0
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	4	4	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	4	4	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	4	4	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	4	4	0
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	4	4	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	4	4	0
3434	50	LDR Biased	4	4	0
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	4	4	0
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	4	4	0
4434	100	LDR Biased	4	4	0
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	4	4	0
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	4	4	0
4500	150	LDR Biased	4	4	0
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	4	4	0
4506	150	LDR Unbiased	4	4	0
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (ns)

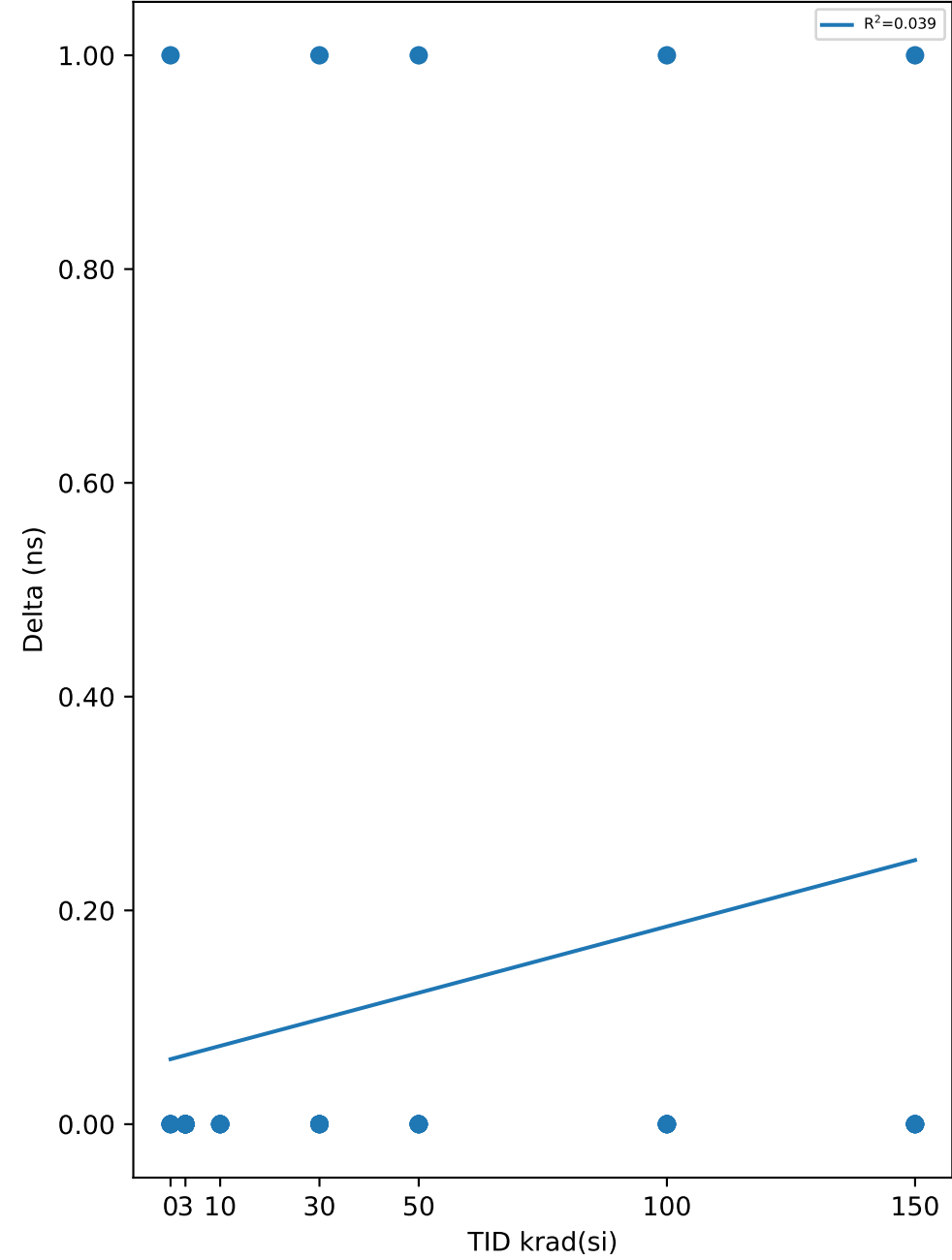
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4	4	0	4	4	4	0	0	0	0	0
10	4	4	4	0	4	4	4	0	0	0	0	0
30	4	4	4	0	4	4	4	0	0	0	0	0
50	4	4	4	0	4	4	4	0	0	0	0	0
100	4	4	4	0	4	4	4	0	0	0	0	0
150	4	4	4	0	4	4	4	0	0	0	0	0

Device Test: 122.3 Min Input PW Static LS Turn Off VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

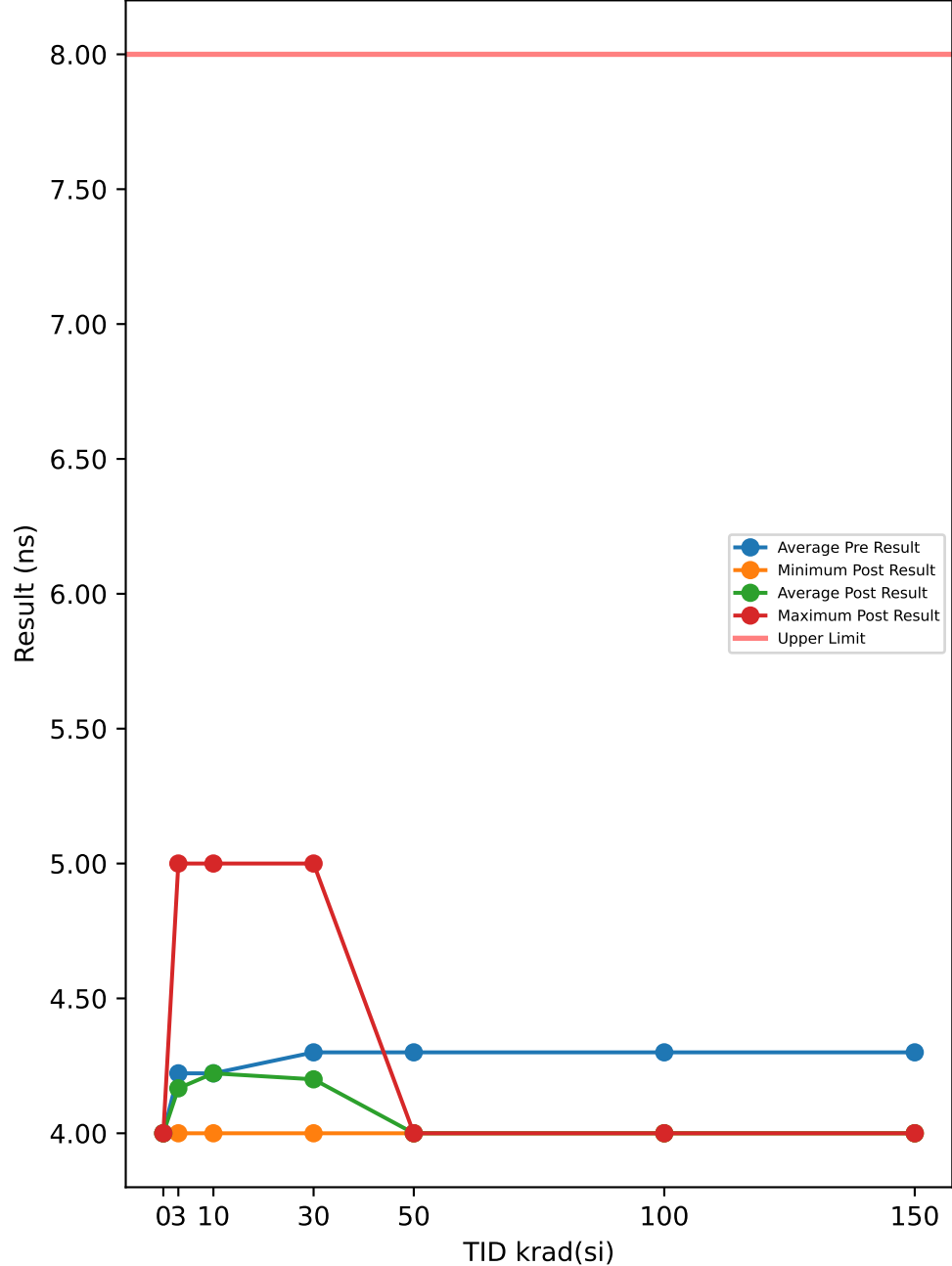
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5	6	1
2	0	CORRELATION	5	5	0
259	3	LDR Biased	5	5	0
426	3	LDR Biased	5	5	0
427	3	LDR Biased	5	5	0
428	3	LDR Biased	5	5	0
429	3	LDR Unbiased	5	5	0
430	3	LDR Unbiased	5	5	0
431	3	LDR Unbiased	5	5	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	5	5	0
1259	10	LDR Biased	5	5	0
1426	10	LDR Biased	5	5	0
1427	10	LDR Biased	5	5	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	5	5	0
1430	10	LDR Unbiased	5	5	0
1431	10	LDR Unbiased	5	5	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	5	5	0
2434	30	LDR Biased	5	5	0
2435	30	LDR Biased	5	5	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	5	5	0
2438	30	LDR Biased	5	5	0
2439	30	LDR Unbiased	5	5	0
2440	30	LDR Unbiased	5	5	0
2441	30	LDR Unbiased	5	6	1
2443	30	LDR Unbiased	5	5	0
2444	30	LDR Unbiased	5	6	1
3434	50	LDR Biased	5	5	0
3435	50	LDR Biased	5	5	0
3436	50	LDR Biased	5	5	0
3437	50	LDR Biased	5	5	0
3438	50	LDR Biased	5	5	0
3439	50	LDR Unbiased	5	5	0
3440	50	LDR Unbiased	5	5	0
3441	50	LDR Unbiased	5	6	1
3443	50	LDR Unbiased	5	5	0
3444	50	LDR Unbiased	5	6	1
4434	100	LDR Biased	5	5	0
4435	100	LDR Biased	5	5	0
4436	100	LDR Biased	5	5	0
4437	100	LDR Biased	5	5	0
4438	100	LDR Biased	5	6	1
4439	100	LDR Unbiased	5	5	0
4440	100	LDR Unbiased	5	5	0
4441	100	LDR Unbiased	5	5	0
4443	100	LDR Unbiased	5	5	0
4444	100	LDR Unbiased	5	6	1
4500	150	LDR Biased	5	5	0
4501	150	LDR Biased	5	5	0
4502	150	LDR Biased	5	6	1
4503	150	LDR Biased	5	5	0
4504	150	LDR Biased	5	5	0
4505	150	LDR Unbiased	5	5	0
4506	150	LDR Unbiased	5	5	0
4507	150	LDR Unbiased	5	5	0
4508	150	LDR Unbiased	5	5	0
4509	150	LDR Unbiased	5	6	1

Test Statistics (ns)

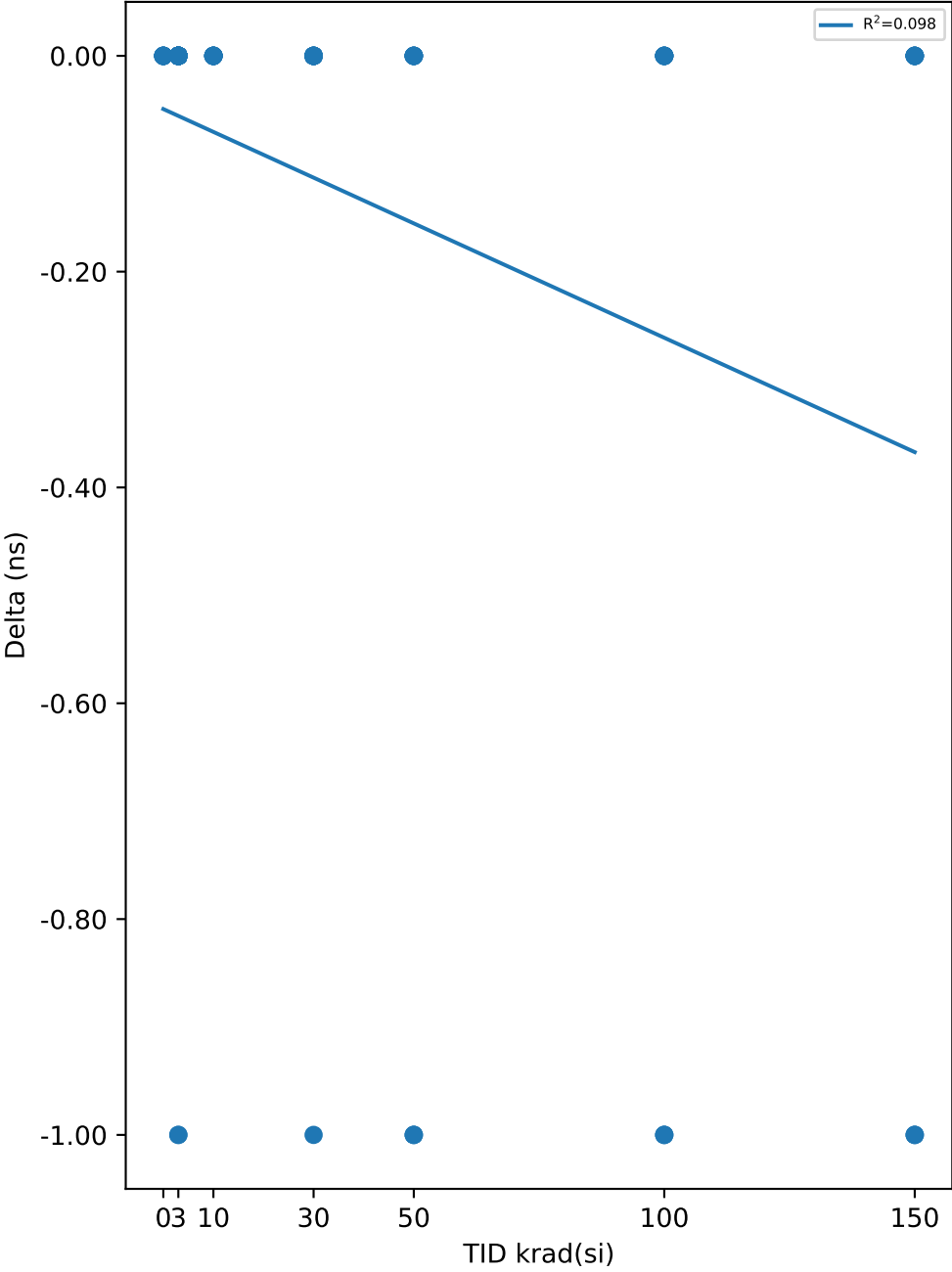
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5.5	6	0.70711	0	0.5	1	0.70711
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
50	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
100	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164
150	5	5	5	0	5	5.2	6	0.42164	0	0.2	1	0.42164

Device Test: 122.4 Min Input PW Static HS Turn On SW=100V VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (ns))

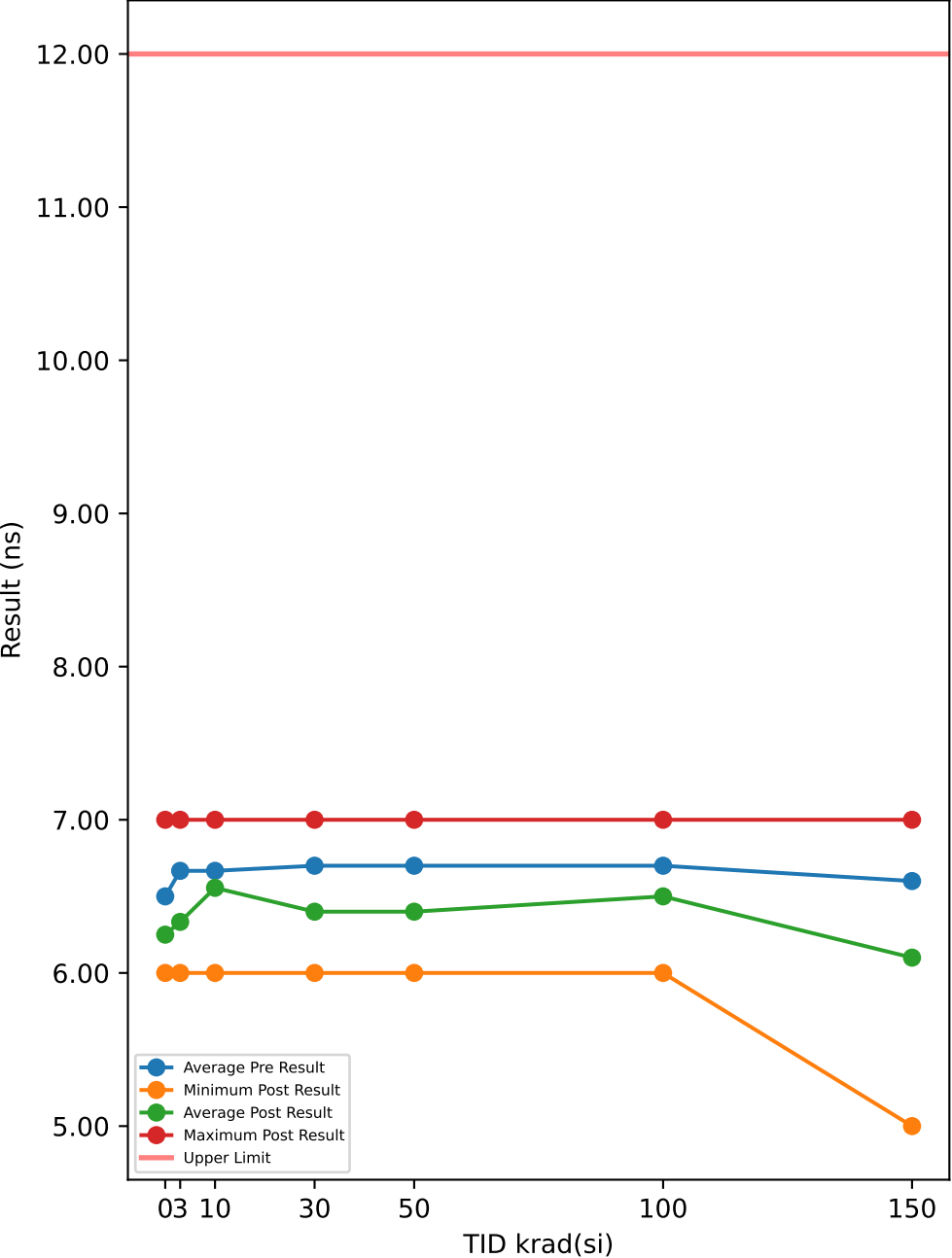
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4	4	0
2	0	CORRELATION	4	4	0
259	3	LDR Biased	4	4	0
426	3	LDR Biased	4	4	0
427	3	LDR Biased	4	4	0
428	3	LDR Biased	5	4	-1
429	3	LDR Unbiased	4	4	0
430	3	LDR Unbiased	4	4	0
431	3	LDR Unbiased	4	4	0
432	3	LDR Unbiased	5	5	0
433	3	LDR Unbiased	4	4	0
1259	10	LDR Biased	4	4	0
1426	10	LDR Biased	4	4	0
1427	10	LDR Biased	4	4	0
1428	10	LDR Biased	5	5	0
1429	10	LDR Unbiased	4	4	0
1430	10	LDR Unbiased	4	4	0
1431	10	LDR Unbiased	4	4	0
1432	10	LDR Unbiased	5	5	0
1433	10	LDR Unbiased	4	4	0
2434	30	LDR Biased	5	5	0
2435	30	LDR Biased	4	4	0
2436	30	LDR Biased	5	5	0
2437	30	LDR Biased	4	4	0
2438	30	LDR Biased	4	4	0
2439	30	LDR Unbiased	4	4	0
2440	30	LDR Unbiased	4	4	0
2441	30	LDR Unbiased	4	4	0
2443	30	LDR Unbiased	4	4	0
2444	30	LDR Unbiased	5	4	-1
3434	50	LDR Biased	5	4	-1
3435	50	LDR Biased	4	4	0
3436	50	LDR Biased	5	4	-1
3437	50	LDR Biased	4	4	0
3438	50	LDR Biased	4	4	0
3439	50	LDR Unbiased	4	4	0
3440	50	LDR Unbiased	4	4	0
3441	50	LDR Unbiased	4	4	0
3443	50	LDR Unbiased	4	4	0
3444	50	LDR Unbiased	5	4	-1
4434	100	LDR Biased	5	4	-1
4435	100	LDR Biased	4	4	0
4436	100	LDR Biased	5	4	-1
4437	100	LDR Biased	4	4	0
4438	100	LDR Biased	4	4	0
4439	100	LDR Unbiased	4	4	0
4440	100	LDR Unbiased	4	4	0
4441	100	LDR Unbiased	4	4	0
4443	100	LDR Unbiased	4	4	0
4444	100	LDR Unbiased	5	4	-1
4500	150	LDR Biased	5	4	-1
4501	150	LDR Biased	4	4	0
4502	150	LDR Biased	4	4	0
4503	150	LDR Biased	4	4	0
4504	150	LDR Biased	4	4	0
4505	150	LDR Unbiased	5	4	-1
4506	150	LDR Unbiased	5	4	-1
4507	150	LDR Unbiased	4	4	0
4508	150	LDR Unbiased	4	4	0
4509	150	LDR Unbiased	4	4	0

Test Statistics (ns)

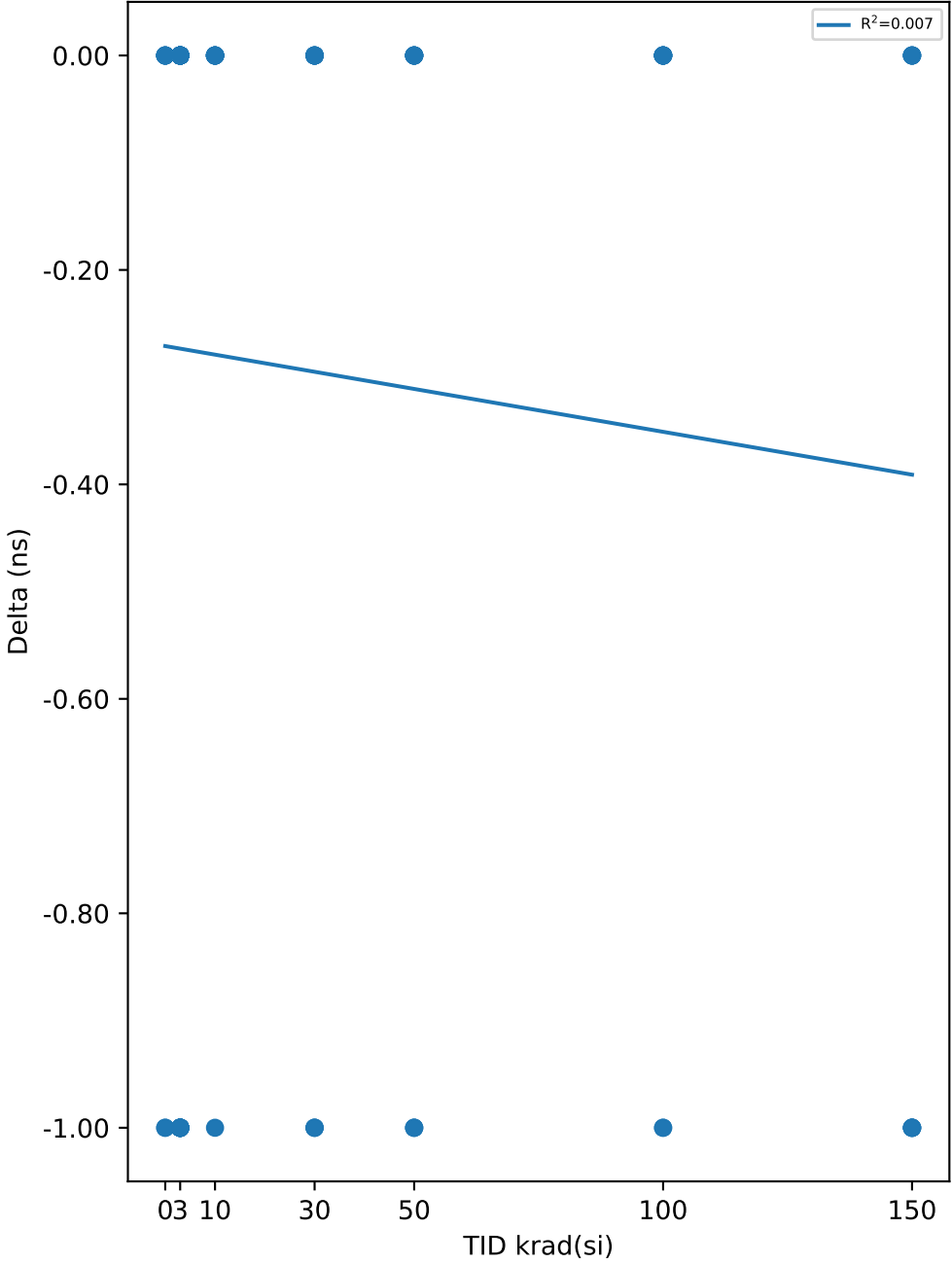
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4	4	4	0	4	4	4	0	0	0	0	0
3	4	4.2222	5	0.44096	4	4.1111	5	0.33333	-1	-0.11111	0	0.33333
10	4	4.2222	5	0.44096	4	4.2222	5	0.44096	0	0	0	0
30	4	4.3	5	0.48305	4	4.2	5	0.42164	-1	-0.1	0	0.31623
50	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305
100	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305
150	4	4.3	5	0.48305	4	4	4	0	-1	-0.3	0	0.48305

Device Test: 122.5 Min Input PW Static HS Turn Off SW=100V VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (ns))

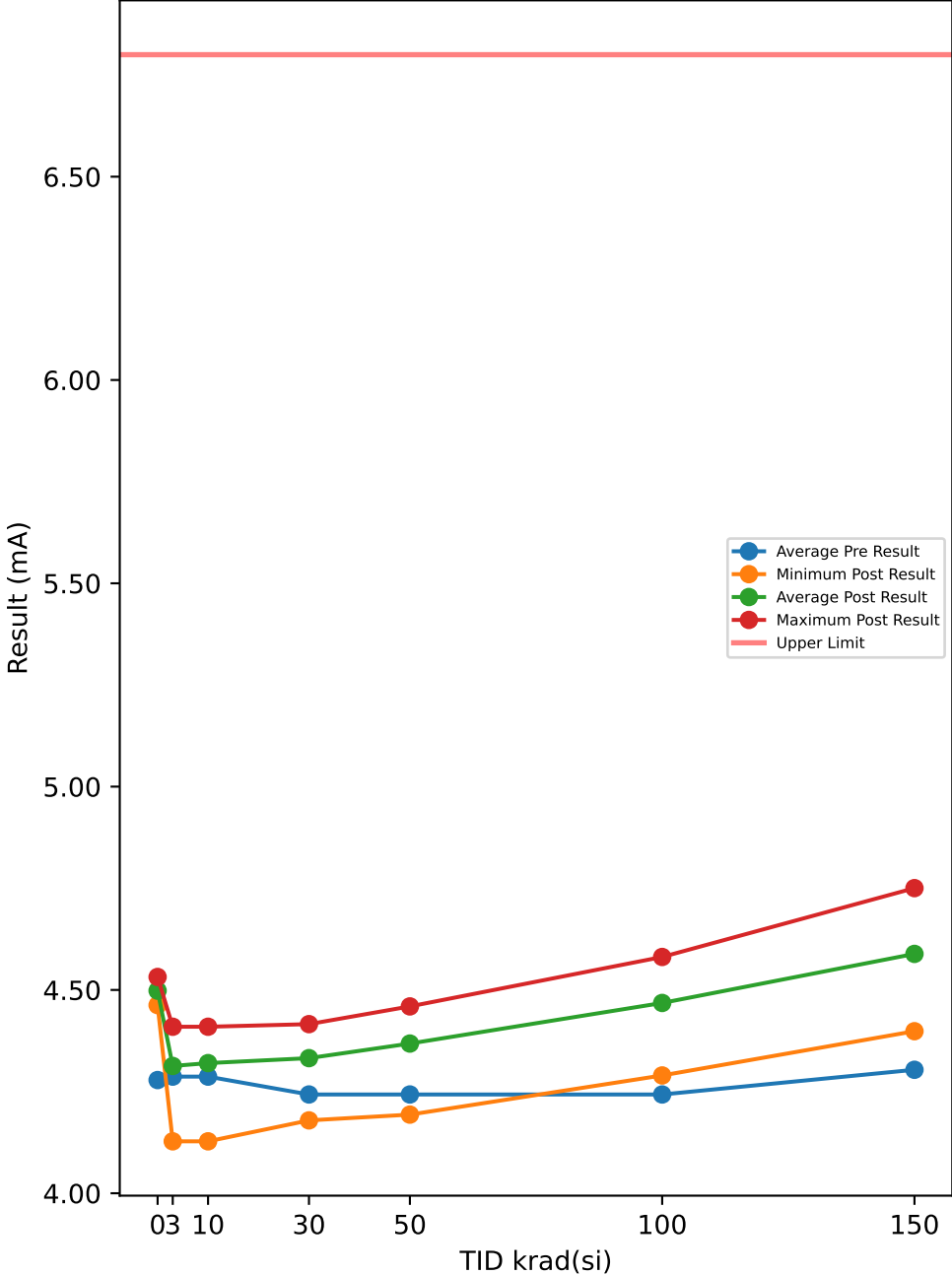
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7	7	0
2	0	CORRELATION	6	6	0
259	3	LDR Biased	7	7	0
426	3	LDR Biased	7	6	-1
427	3	LDR Biased	6	6	0
428	3	LDR Biased	6	6	0
429	3	LDR Unbiased	6	6	0
430	3	LDR Unbiased	7	6	-1
431	3	LDR Unbiased	7	6	-1
432	3	LDR Unbiased	7	6	-1
433	3	LDR Unbiased	7	6	-1
1259	10	LDR Biased	7	7	0
1426	10	LDR Biased	7	7	0
1427	10	LDR Biased	6	6	0
1428	10	LDR Biased	6	6	0
1429	10	LDR Unbiased	6	6	0
1430	10	LDR Unbiased	7	7	0
1431	10	LDR Unbiased	7	7	0
1432	10	LDR Unbiased	7	7	0
1433	10	LDR Unbiased	7	6	-1
2434	30	LDR Biased	7	6	-1
2435	30	LDR Biased	6	6	0
2436	30	LDR Biased	7	7	0
2437	30	LDR Biased	7	6	-1
2438	30	LDR Biased	7	6	-1
2439	30	LDR Unbiased	7	7	0
2440	30	LDR Unbiased	6	6	0
2441	30	LDR Unbiased	7	7	0
2443	30	LDR Unbiased	6	6	0
2444	30	LDR Unbiased	7	7	0
3434	50	LDR Biased	7	6	-1
3435	50	LDR Biased	6	6	0
3436	50	LDR Biased	7	7	0
3437	50	LDR Biased	7	6	-1
3438	50	LDR Biased	7	6	-1
3439	50	LDR Unbiased	7	7	0
3440	50	LDR Unbiased	6	6	0
3441	50	LDR Unbiased	7	7	0
3443	50	LDR Unbiased	6	6	0
3444	50	LDR Unbiased	7	7	0
4434	100	LDR Biased	7	6	-1
4435	100	LDR Biased	6	6	0
4436	100	LDR Biased	7	7	0
4437	100	LDR Biased	7	6	-1
4438	100	LDR Biased	7	7	0
4439	100	LDR Unbiased	7	7	0
4440	100	LDR Unbiased	6	6	0
4441	100	LDR Unbiased	7	7	0
4443	100	LDR Unbiased	6	6	0
4444	100	LDR Unbiased	7	7	0
4500	150	LDR Biased	7	6	-1
4501	150	LDR Biased	7	7	0
4502	150	LDR Biased	6	6	0
4503	150	LDR Biased	6	5	-1
4504	150	LDR Biased	6	6	0
4505	150	LDR Unbiased	7	7	0
4506	150	LDR Unbiased	7	6	-1
4507	150	LDR Unbiased	6	6	0
4508	150	LDR Unbiased	7	6	-1
4509	150	LDR Unbiased	7	6	-1

Test Statistics (ns)

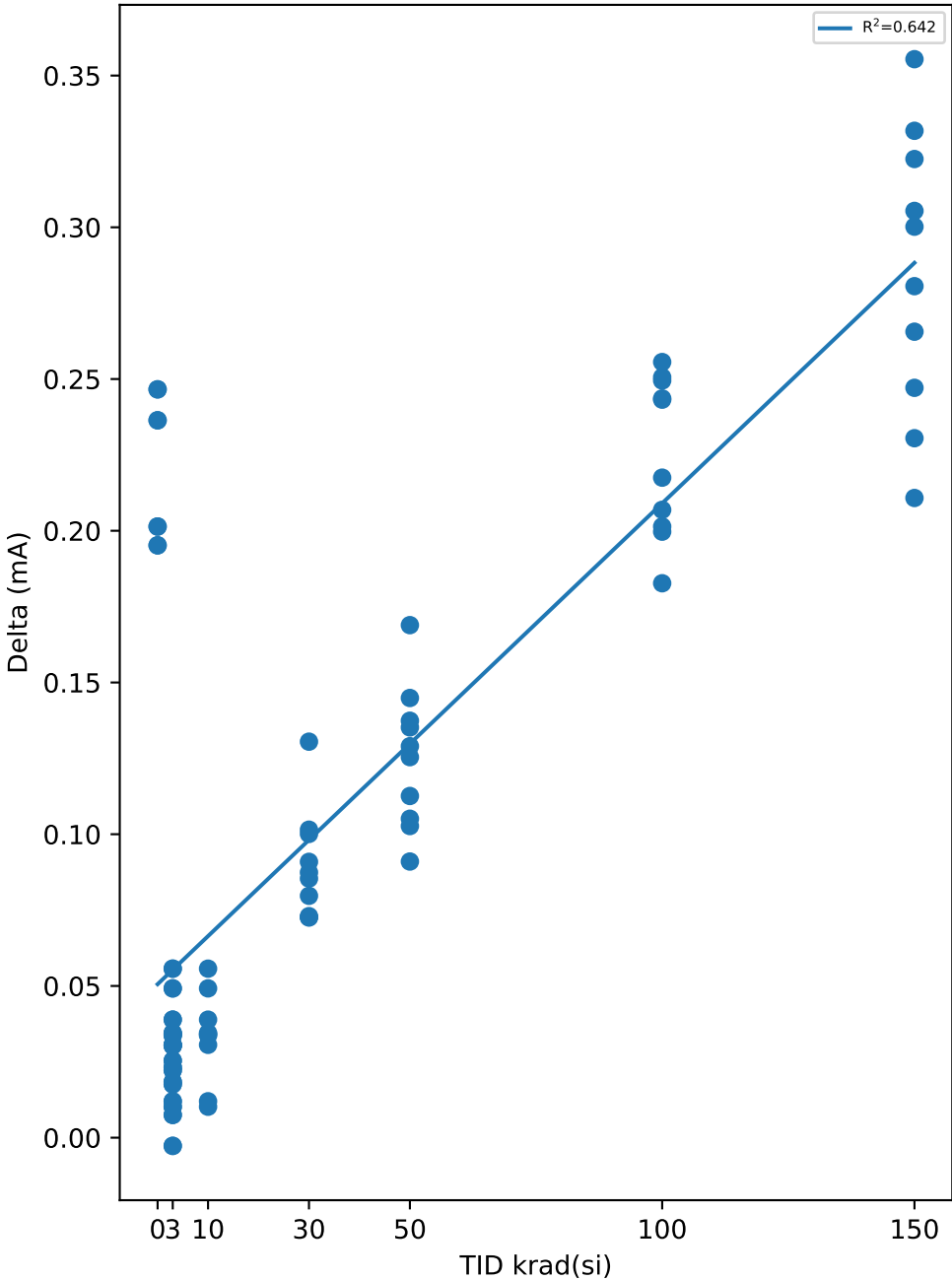
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6	6.5	7	0.70711	6	6.5	7	0.70711	0	0	0	0
3	6	6.6667	7	0.5	6	6.1111	7	0.33333	-1	-0.55556	0	0.52705
10	6	6.6667	7	0.5	6	6.5556	7	0.52705	-1	-0.11111	0	0.33333
30	6	6.7	7	0.48305	6	6.4	7	0.5164	-1	-0.3	0	0.48305
50	6	6.7	7	0.48305	6	6.4	7	0.5164	-1	-0.3	0	0.48305
100	6	6.7	7	0.48305	6	6.5	7	0.52705	-1	-0.2	0	0.42164
150	6	6.6	7	0.5164	5	6.1	7	0.56765	-1	-0.5	0	0.52705

Device Test: 35.0 Iq LS VIN PWM VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.8 (mA))

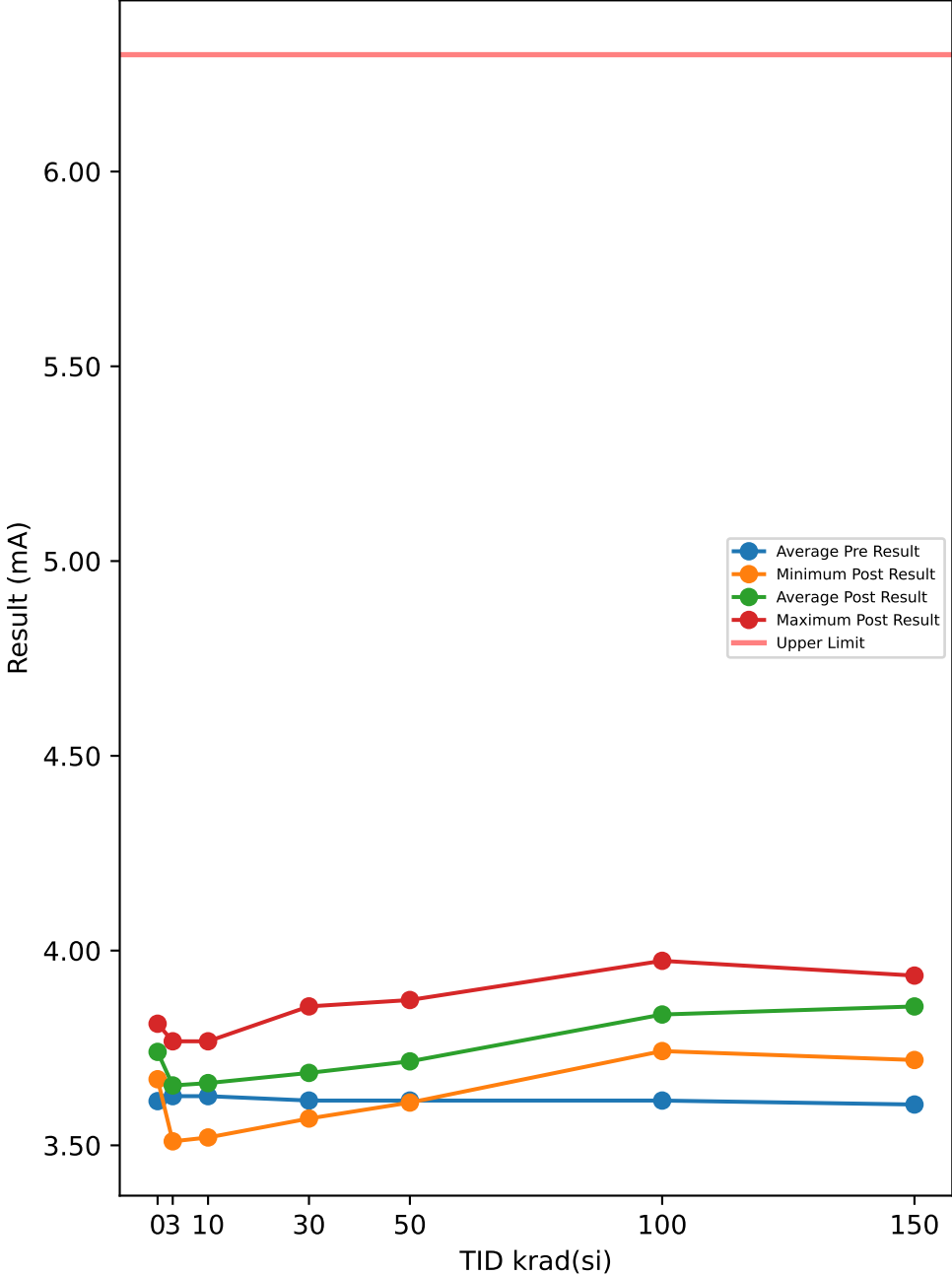
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.3305	4.5319	0.2014
2	0	CORRELATION	4.2263	4.4729	0.2466
259	3	LDR Biased	4.257	4.2645	0.0075
426	3	LDR Biased	4.1175	4.1407	0.0232
427	3	LDR Biased	4.3538	4.3843	0.0305
428	3	LDR Biased	4.2327	4.2511	0.0184
429	3	LDR Unbiased	4.2438	4.2741	0.0303
430	3	LDR Unbiased	4.3573	4.3795	0.0222
431	3	LDR Unbiased	4.3379	4.3555	0.0176
432	3	LDR Unbiased	4.3503	4.3757	0.0254
433	3	LDR Unbiased	4.3313	4.3286	-0.0027
1259	10	LDR Biased	4.257	4.2915	0.0345
1426	10	LDR Biased	4.1175	4.1277	0.0102
1427	10	LDR Biased	4.3538	4.4095	0.0557
1428	10	LDR Biased	4.2327	4.2716	0.0389
1429	10	LDR Unbiased	4.2438	4.2775	0.0337
1430	10	LDR Unbiased	4.3573	4.3879	0.0306
1431	10	LDR Unbiased	4.3379	4.3871	0.0492
1432	10	LDR Unbiased	4.3503	4.3844	0.0341
1433	10	LDR Unbiased	4.3313	4.3433	0.012
2434	30	LDR Biased	4.2175	4.348	0.1305
2435	30	LDR Biased	4.2754	4.348	0.0726
2436	30	LDR Biased	4.2467	4.3482	0.1015
2437	30	LDR Biased	4.3102	4.3832	0.073
2438	30	LDR Biased	4.3105	4.3831	0.0726
2439	30	LDR Unbiased	4.0883	4.1792	0.0909
2440	30	LDR Unbiased	4.1846	4.272	0.0874
2441	30	LDR Unbiased	4.3305	4.4159	0.0854
2443	30	LDR Unbiased	4.2263	4.306	0.0797
2444	30	LDR Unbiased	4.2391	4.3392	0.1001
3434	50	LDR Biased	4.2175	4.3864	0.1689
3435	50	LDR Biased	4.2754	4.3664	0.091
3436	50	LDR Biased	4.2467	4.3819	0.1352
3437	50	LDR Biased	4.3102	4.4356	0.1254
3438	50	LDR Biased	4.3105	4.4132	0.1027
3439	50	LDR Unbiased	4.0883	4.1934	0.1051
3440	50	LDR Unbiased	4.1846	4.322	0.1374
3441	50	LDR Unbiased	4.3305	4.4595	0.129
3443	50	LDR Unbiased	4.2263	4.3389	0.1126
3444	50	LDR Unbiased	4.2391	4.384	0.1449
4434	100	LDR Biased	4.2175	4.4611	0.2436
4435	100	LDR Biased	4.2754	4.4751	0.1997
4436	100	LDR Biased	4.2467	4.4642	0.2175
4437	100	LDR Biased	4.3102	4.5534	0.2432
4438	100	LDR Biased	4.3105	4.4932	0.1827
4439	100	LDR Unbiased	4.0883	4.2897	0.2014
4440	100	LDR Unbiased	4.1846	4.4341	0.2495
4441	100	LDR Unbiased	4.3305	4.5811	0.2506
4443	100	LDR Unbiased	4.2263	4.4332	0.2069
4444	100	LDR Unbiased	4.2391	4.4947	0.2556
4500	150	LDR Biased	4.2926	4.5732	0.2806
4501	150	LDR Biased	4.168	4.3985	0.2305
4502	150	LDR Biased	4.1474	4.413	0.2656
4503	150	LDR Biased	4.3632	4.574	0.2108
4504	150	LDR Biased	4.4279	4.7504	0.3225
4505	150	LDR Unbiased	4.3001	4.6003	0.3002
4506	150	LDR Unbiased	4.3741	4.6212	0.2471
4507	150	LDR Unbiased	4.3964	4.7018	0.3054
4508	150	LDR Unbiased	4.3403	4.6957	0.3554
4509	150	LDR Unbiased	4.2265	4.5583	0.3318

Test Statistics (mA)

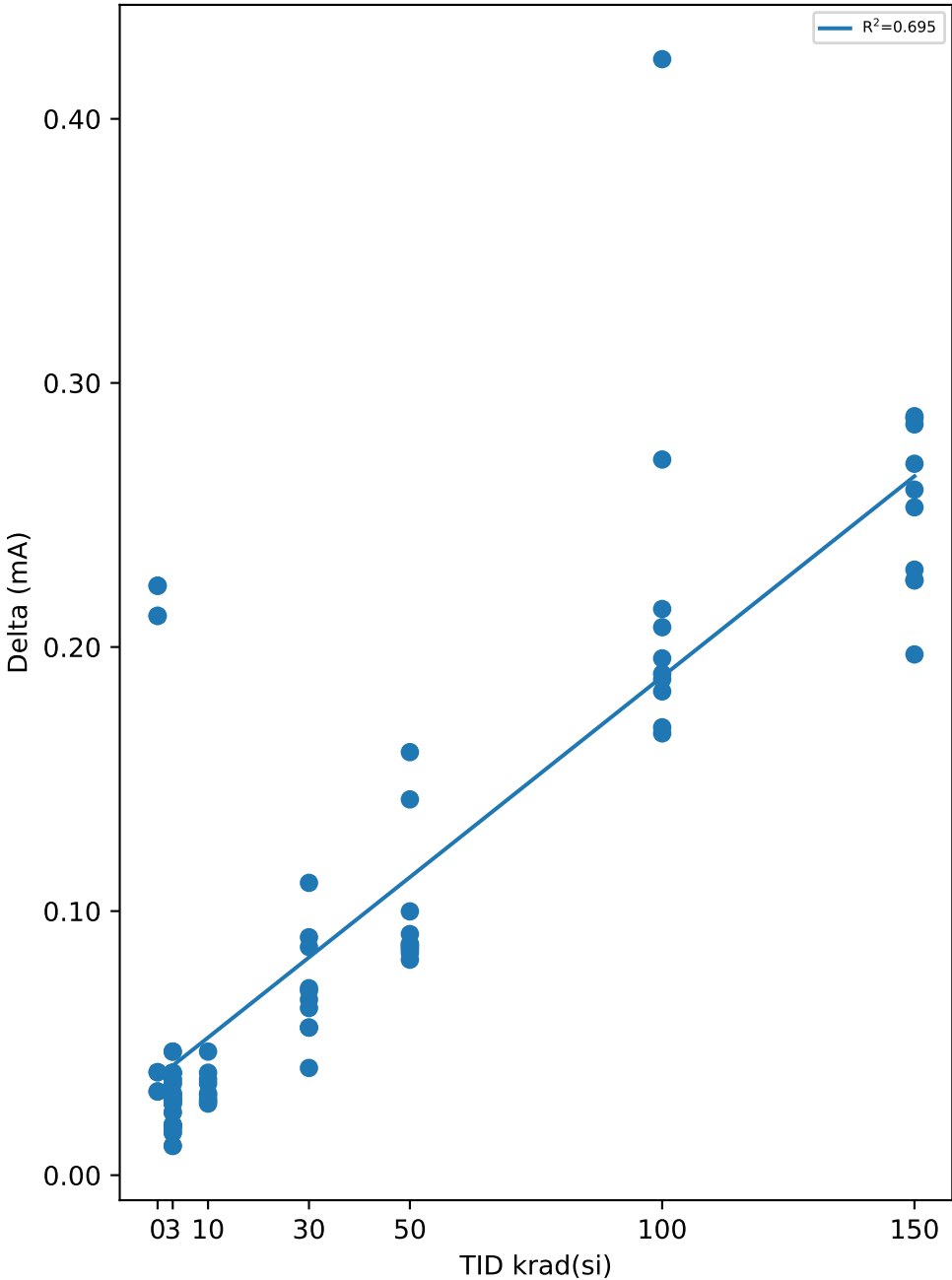
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.2263	4.2784	4.3305	0.073681	4.4729	4.5024	4.5319	0.041719	0.2014	0.224	0.2466	0.031961
3	4.1175	4.2868	4.3573	0.080939	4.1407	4.306	4.3843	0.080955	-0.0027	0.019156	0.0305	0.010805
10	4.1175	4.2868	4.3573	0.080939	4.1277	4.3201	4.4095	0.08927	0.0102	0.033211	0.0557	0.014928
30	4.0883	4.2429	4.3305	0.071553	4.1792	4.3323	4.4159	0.067265	0.0726	0.08937	0.1305	0.01795
50	4.0883	4.2429	4.3305	0.071553	4.1934	4.3681	4.4595	0.073954	0.091	0.12522	0.1689	0.023093
100	4.0883	4.2429	4.3305	0.071553	4.2897	4.468	4.5811	0.078667	0.1827	0.22507	0.2556	0.02633
150	4.1474	4.3037	4.4279	0.095914	4.3985	4.5886	4.7504	0.11547	0.2108	0.28499	0.3554	0.046557

Device Test: 35.1 Iq HS BOOT PWM VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.3 (mA))

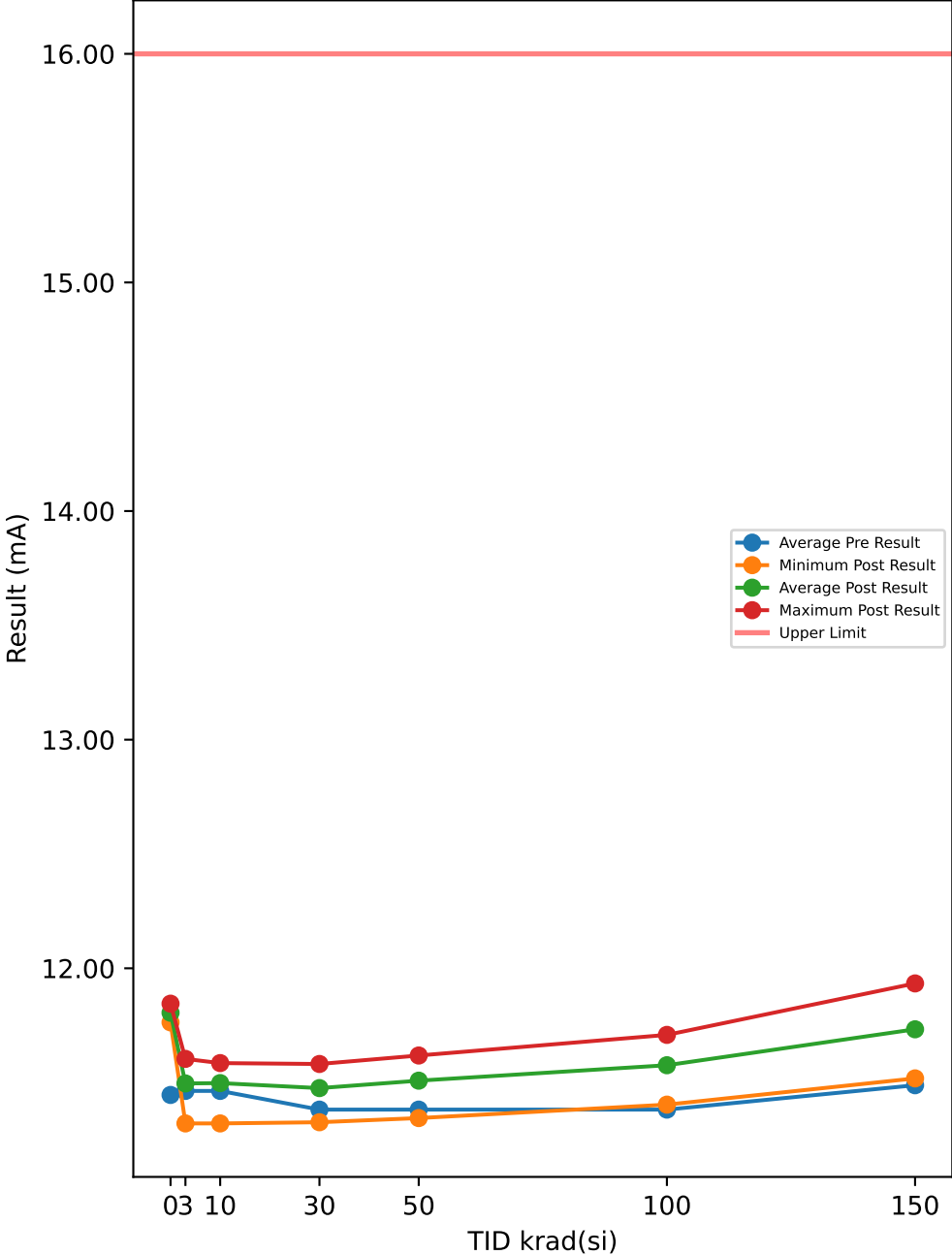
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.638	3.677	0.039
2	0	CORRELATION	3.589	3.8122	0.2232
259	3	LDR Biased	3.573	3.592	0.019
426	3	LDR Biased	3.4914	3.5103	0.0189
427	3	LDR Biased	3.699	3.7178	0.0188
428	3	LDR Biased	3.7027	3.7205	0.0178
429	3	LDR Unbiased	3.5042	3.528	0.0238
430	3	LDR Unbiased	3.6085	3.6472	0.0387
431	3	LDR Unbiased	3.6902	3.7013	0.0111
432	3	LDR Unbiased	3.635	3.6637	0.0287
433	3	LDR Unbiased	3.7324	3.7485	0.0161
1259	10	LDR Biased	3.573	3.6118	0.0388
1426	10	LDR Biased	3.4914	3.5202	0.0288
1427	10	LDR Biased	3.699	3.7261	0.0271
1428	10	LDR Biased	3.7027	3.733	0.0303
1429	10	LDR Unbiased	3.5042	3.5322	0.028
1430	10	LDR Unbiased	3.6085	3.6448	0.0363
1431	10	LDR Unbiased	3.6902	3.7212	0.031
1432	10	LDR Unbiased	3.635	3.6818	0.0468
1433	10	LDR Unbiased	3.7324	3.7671	0.0347
2434	30	LDR Biased	3.5282	3.5688	0.0406
2435	30	LDR Biased	3.7859	3.8567	0.0708
2436	30	LDR Biased	3.5588	3.6147	0.0559
2437	30	LDR Biased	3.6978	3.7611	0.0633
2438	30	LDR Biased	3.5907	3.7014	0.1107
2439	30	LDR Unbiased	3.6166	3.6725	0.0559
2440	30	LDR Unbiased	3.5523	3.6188	0.0665
2441	30	LDR Unbiased	3.638	3.7281	0.0901
2443	30	LDR Unbiased	3.589	3.6754	0.0864
2444	30	LDR Unbiased	3.5923	3.6622	0.0699
3434	50	LDR Biased	3.5282	3.6098	0.0816
3435	50	LDR Biased	3.7859	3.8731	0.0872
3436	50	LDR Biased	3.5588	3.6501	0.0913
3437	50	LDR Biased	3.6978	3.7834	0.0856
3438	50	LDR Biased	3.5907	3.7509	0.1602
3439	50	LDR Unbiased	3.6166	3.7008	0.0842
3440	50	LDR Unbiased	3.5523	3.6522	0.0999
3441	50	LDR Unbiased	3.638	3.7803	0.1423
3443	50	LDR Unbiased	3.589	3.6753	0.0863
3444	50	LDR Unbiased	3.5923	3.6799	0.0876
4434	100	LDR Biased	3.5282	3.9508	0.4226
4435	100	LDR Biased	3.7859	3.9737	0.1878
4436	100	LDR Biased	3.5588	3.742	0.1832
4437	100	LDR Biased	3.6978	3.8935	0.1957
4438	100	LDR Biased	3.5907	3.8617	0.271
4439	100	LDR Unbiased	3.6166	3.7839	0.1673
4440	100	LDR Unbiased	3.5523	3.7422	0.1899
4441	100	LDR Unbiased	3.638	3.8524	0.2144
4443	100	LDR Unbiased	3.589	3.7965	0.2075
4444	100	LDR Unbiased	3.5923	3.7619	0.1696
4500	150	LDR Biased	3.578	3.8654	0.2874
4501	150	LDR Biased	3.4939	3.7191	0.2252
4502	150	LDR Biased	3.589	3.8733	0.2843
4503	150	LDR Biased	3.6251	3.878	0.2529
4504	150	LDR Biased	3.641	3.9006	0.2596
4505	150	LDR Unbiased	3.6274	3.8968	0.2694
4506	150	LDR Unbiased	3.5883	3.8137	0.2254
4507	150	LDR Unbiased	3.7384	3.9356	0.1972
4508	150	LDR Unbiased	3.7065	3.9358	0.2293
4509	150	LDR Unbiased	3.4605	3.7472	0.2867

Test Statistics (mA)

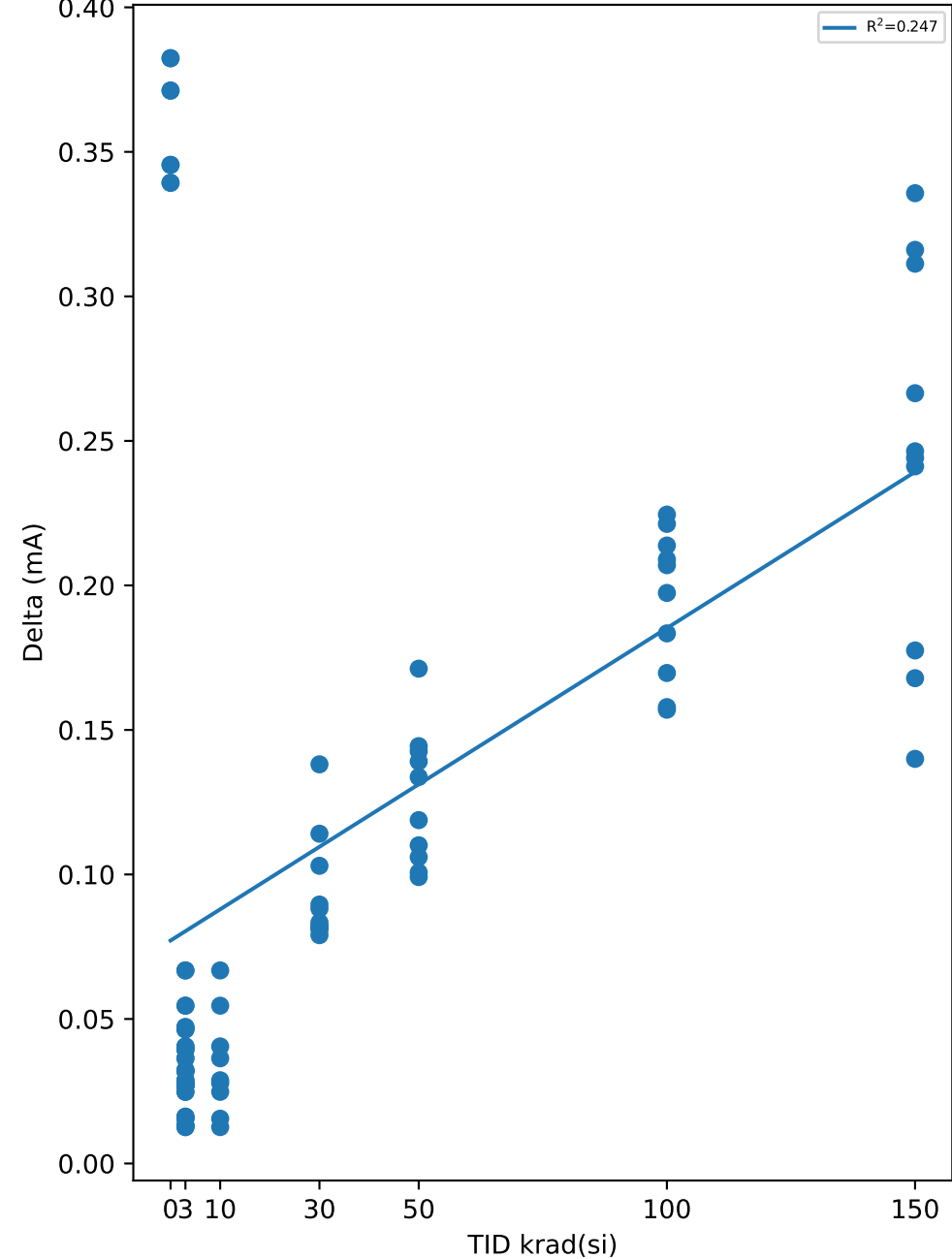
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.589	3.6135	3.638	0.034648	3.677	3.7446	3.8122	0.095601	0.039	0.1311	0.2232	0.13025
3	3.4914	3.6263	3.7324	0.088602	3.5103	3.6477	3.7485	0.086468	0.0111	0.021433	0.0387	0.0080951
10	3.4914	3.6263	3.7324	0.088602	3.5202	3.6598	3.7671	0.089317	0.0271	0.033533	0.0468	0.0063644
30	3.5282	3.615	3.7859	0.076739	3.5688	3.686	3.8567	0.082317	0.0406	0.07101	0.1107	0.020108
50	3.5282	3.615	3.7859	0.076739	3.6098	3.7156	3.8731	0.0799	0.0816	0.10062	0.1602	0.027459
100	3.5282	3.615	3.7859	0.076739	3.742	3.8359	3.9737	0.08418	0.1673	0.2209	0.4226	0.076762
150	3.4605	3.6048	3.7384	0.084844	3.7191	3.8565	3.9358	0.074233	0.1972	0.25174	0.2874	0.031279

Device Test: 35.10 Iop LS VIN PWM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 16.0 (mA))

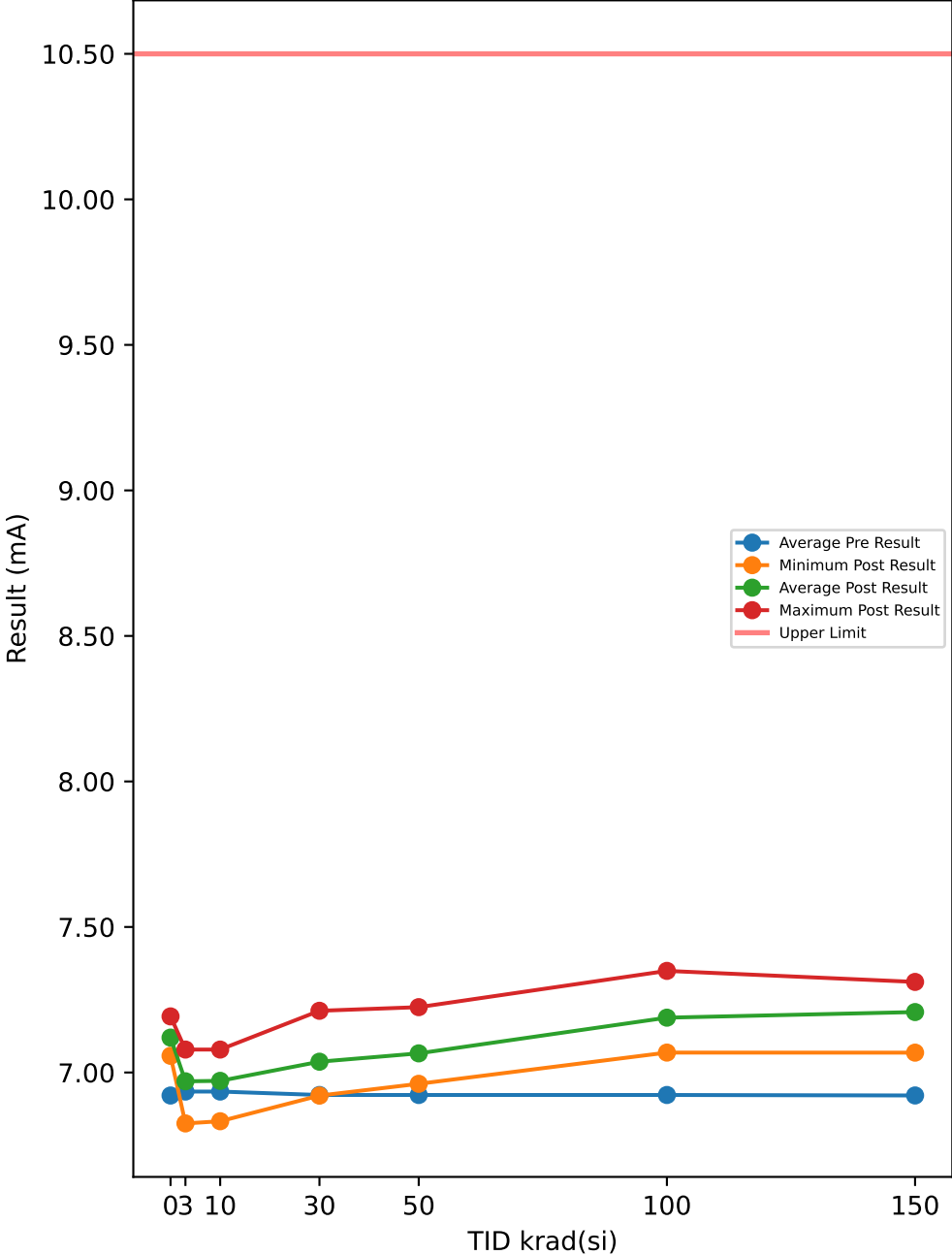
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.5	11.839	0.3393
2	0	CORRELATION	11.392	11.775	0.3824
259	3	LDR Biased	11.463	11.495	0.0319
426	3	LDR Biased	11.309	11.348	0.0394
427	3	LDR Biased	11.511	11.537	0.0269
428	3	LDR Biased	11.459	11.491	0.0323
429	3	LDR Unbiased	11.364	11.41	0.0464
430	3	LDR Unbiased	11.526	11.553	0.027
431	3	LDR Unbiased	11.502	11.515	0.0132
432	3	LDR Unbiased	11.556	11.604	0.0472
433	3	LDR Unbiased	11.483	11.499	0.0162
1259	10	LDR Biased	11.463	11.504	0.0405
1426	10	LDR Biased	11.309	11.321	0.0126
1427	10	LDR Biased	11.511	11.577	0.0668
1428	10	LDR Biased	11.459	11.495	0.0364
1429	10	LDR Unbiased	11.364	11.392	0.0278
1430	10	LDR Unbiased	11.526	11.551	0.0248
1431	10	LDR Unbiased	11.502	11.556	0.0546
1432	10	LDR Unbiased	11.556	11.585	0.0288
1433	10	LDR Unbiased	11.483	11.499	0.0155
2434	30	LDR Biased	11.332	11.47	0.1381
2435	30	LDR Biased	11.38	11.469	0.0882
2436	30	LDR Biased	11.396	11.51	0.1141
2437	30	LDR Biased	11.393	11.482	0.0896
2438	30	LDR Biased	11.483	11.565	0.0822
2439	30	LDR Unbiased	11.246	11.327	0.0809
2440	30	LDR Unbiased	11.279	11.362	0.0834
2441	30	LDR Unbiased	11.5	11.581	0.0817
2443	30	LDR Unbiased	11.392	11.471	0.079
2444	30	LDR Unbiased	11.418	11.521	0.103
3434	50	LDR Biased	11.332	11.503	0.1712
3435	50	LDR Biased	11.38	11.481	0.1007
3436	50	LDR Biased	11.396	11.54	0.1444
3437	50	LDR Biased	11.393	11.532	0.1391
3438	50	LDR Biased	11.483	11.589	0.106
3439	50	LDR Unbiased	11.246	11.345	0.0991
3440	50	LDR Unbiased	11.279	11.412	0.1337
3441	50	LDR Unbiased	11.5	11.618	0.1188
3443	50	LDR Unbiased	11.392	11.502	0.1101
3444	50	LDR Unbiased	11.418	11.561	0.1426
4434	100	LDR Biased	11.332	11.546	0.2138
4435	100	LDR Biased	11.38	11.564	0.1834
4436	100	LDR Biased	11.396	11.593	0.1974
4437	100	LDR Biased	11.393	11.617	0.2245
4438	100	LDR Biased	11.483	11.64	0.157
4439	100	LDR Unbiased	11.246	11.404	0.1579
4440	100	LDR Unbiased	11.279	11.486	0.207
4441	100	LDR Unbiased	11.5	11.709	0.209
4443	100	LDR Unbiased	11.392	11.562	0.1697
4444	100	LDR Unbiased	11.418	11.639	0.2213
4500	150	LDR Biased	11.425	11.666	0.2412
4501	150	LDR Biased	11.341	11.518	0.1775
4502	150	LDR Biased	11.328	11.572	0.2441
4503	150	LDR Biased	11.547	11.715	0.1679
4504	150	LDR Biased	11.598	11.934	0.3357
4505	150	LDR Unbiased	11.468	11.714	0.2464
4506	150	LDR Unbiased	11.595	11.735	0.14
4507	150	LDR Unbiased	11.573	11.839	0.2665
4508	150	LDR Unbiased	11.538	11.849	0.3113
4509	150	LDR Unbiased	11.473	11.789	0.3161

Test Statistics (mA)

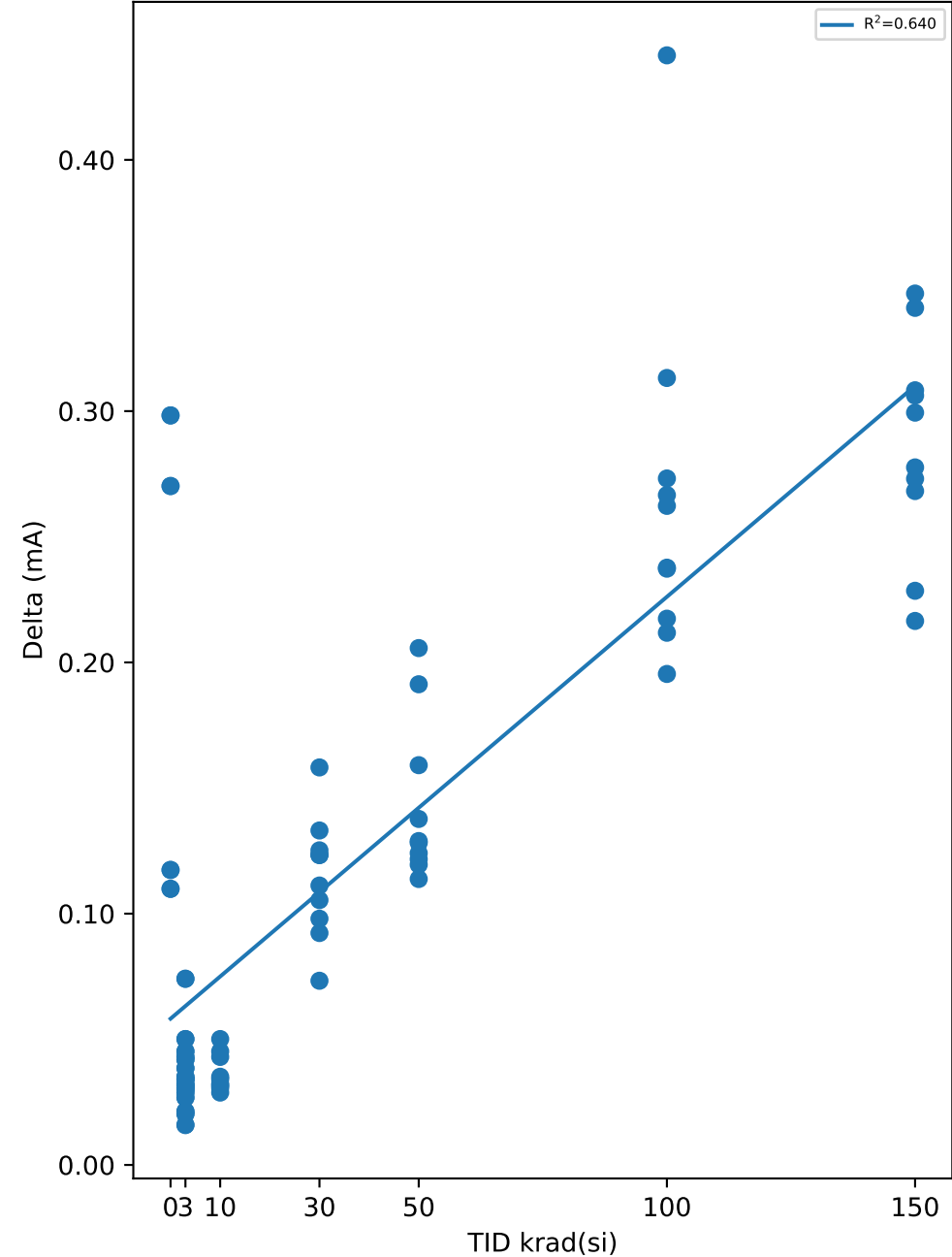
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.392	11.446	11.5	0.076014	11.775	11.807	11.839	0.045538	0.3393	0.36085	0.3824	0.030476
3	11.309	11.464	11.556	0.079458	11.348	11.495	11.604	0.075953	0.0132	0.031167	0.0472	0.011943
10	11.309	11.464	11.556	0.079458	11.321	11.498	11.585	0.088504	0.0126	0.0342	0.0668	0.017671
30	11.246	11.382	11.5	0.07999	11.327	11.476	11.581	0.080112	0.079	0.09402	0.1381	0.019097
50	11.246	11.382	11.5	0.07999	11.345	11.508	11.618	0.081494	0.0991	0.12657	0.1712	0.02346
100	11.246	11.382	11.5	0.07999	11.404	11.576	11.709	0.086234	0.157	0.1941	0.2245	0.025491
150	11.328	11.488	11.598	0.099326	11.518	11.733	11.934	0.12717	0.14	0.24467	0.3357	0.066401

Device Test: 35.11 lop HS BOOT PWM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 10.5 (mA))

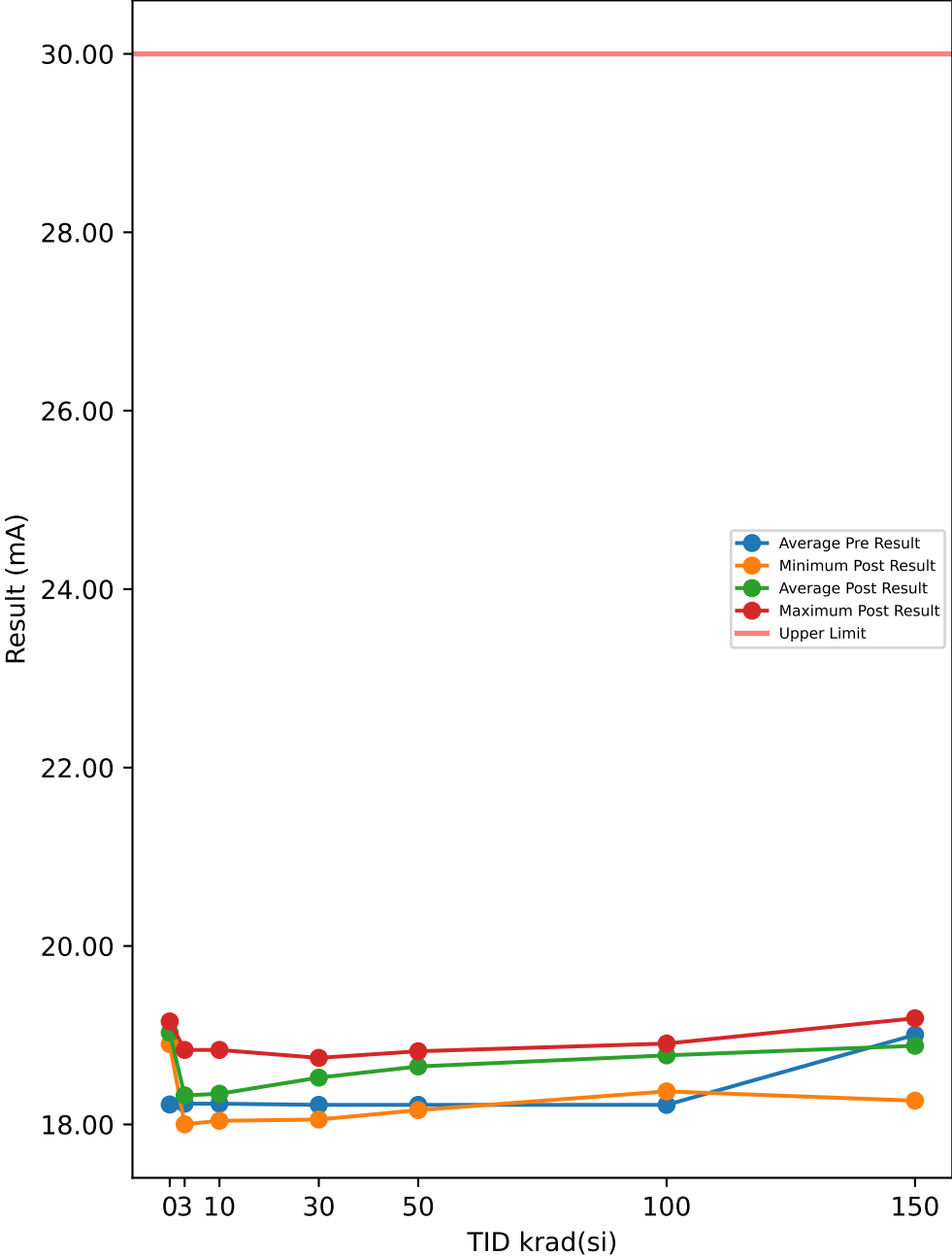
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.9474	7.0648	0.1174
2	0	CORRELATION	6.8944	7.1927	0.2983
259	3	LDR Biased	6.9036	6.9337	0.0301
426	3	LDR Biased	6.806	6.8263	0.0203
427	3	LDR Biased	6.9825	7.0244	0.0419
428	3	LDR Biased	7.0078	7.0237	0.0159
429	3	LDR Unbiased	6.8037	6.825	0.0213
430	3	LDR Unbiased	6.9093	6.9834	0.0741
431	3	LDR Unbiased	6.9989	7.0374	0.0385
432	3	LDR Unbiased	6.9551	6.9819	0.0268
433	3	LDR Unbiased	7.0437	7.0778	0.0341
1259	10	LDR Biased	6.9036	6.9488	0.0452
1426	10	LDR Biased	6.806	6.8376	0.0316
1427	10	LDR Biased	6.9825	7.0147	0.0322
1428	10	LDR Biased	7.0078	7.0385	0.0307
1429	10	LDR Unbiased	6.8037	6.8325	0.0288
1430	10	LDR Unbiased	6.9093	6.9523	0.043
1431	10	LDR Unbiased	6.9989	7.0331	0.0342
1432	10	LDR Unbiased	6.9551	7.0052	0.0501
1433	10	LDR Unbiased	7.0437	7.0788	0.0351
2434	30	LDR Biased	6.8473	6.9206	0.0733
2435	30	LDR Biased	7.0868	7.212	0.1252
2436	30	LDR Biased	6.8566	6.9489	0.0923
2437	30	LDR Biased	7.0125	7.1237	0.1112
2438	30	LDR Biased	6.8914	7.0496	0.1582
2439	30	LDR Unbiased	6.9171	7.0151	0.098
2440	30	LDR Unbiased	6.8473	6.9707	0.1234
2441	30	LDR Unbiased	6.9474	7.0805	0.1331
2443	30	LDR Unbiased	6.8944	7.0177	0.1233
2444	30	LDR Unbiased	6.9263	7.0317	0.1054
3434	50	LDR Biased	6.8473	6.9611	0.1138
3435	50	LDR Biased	7.0868	7.2245	0.1377
3436	50	LDR Biased	6.8566	6.9783	0.1217
3437	50	LDR Biased	7.0125	7.1407	0.1282
3438	50	LDR Biased	6.8914	7.0971	0.2057
3439	50	LDR Unbiased	6.9171	7.046	0.1289
3440	50	LDR Unbiased	6.8473	7.0064	0.1591
3441	50	LDR Unbiased	6.9474	7.1387	0.1913
3443	50	LDR Unbiased	6.8944	7.0185	0.1241
3444	50	LDR Unbiased	6.9263	7.0458	0.1195
4434	100	LDR Biased	6.8473	7.2889	0.4416
4435	100	LDR Biased	7.0868	7.3491	0.2623
4436	100	LDR Biased	6.8566	7.0684	0.2118
4437	100	LDR Biased	7.0125	7.2502	0.2377
4438	100	LDR Biased	6.8914	7.2046	0.3132
4439	100	LDR Unbiased	6.9171	7.1345	0.2174
4440	100	LDR Unbiased	6.8473	7.1139	0.2666
4441	100	LDR Unbiased	6.9474	7.2206	0.2732
4443	100	LDR Unbiased	6.8944	7.1317	0.2373
4444	100	LDR Unbiased	6.9263	7.1217	0.1954
4500	150	LDR Biased	6.878	7.1774	0.2994
4501	150	LDR Biased	6.7906	7.0682	0.2776
4502	150	LDR Biased	6.9155	7.2566	0.3411
4503	150	LDR Biased	6.9414	7.2497	0.3083
4504	150	LDR Biased	6.9756	7.2438	0.2682
4505	150	LDR Unbiased	6.9649	7.238	0.2731
4506	150	LDR Unbiased	6.9341	7.1626	0.2285
4507	150	LDR Unbiased	7.0538	7.2703	0.2165
4508	150	LDR Unbiased	7.005	7.3112	0.3062
4509	150	LDR Unbiased	6.7519	7.0987	0.3468

Test Statistics (mA)

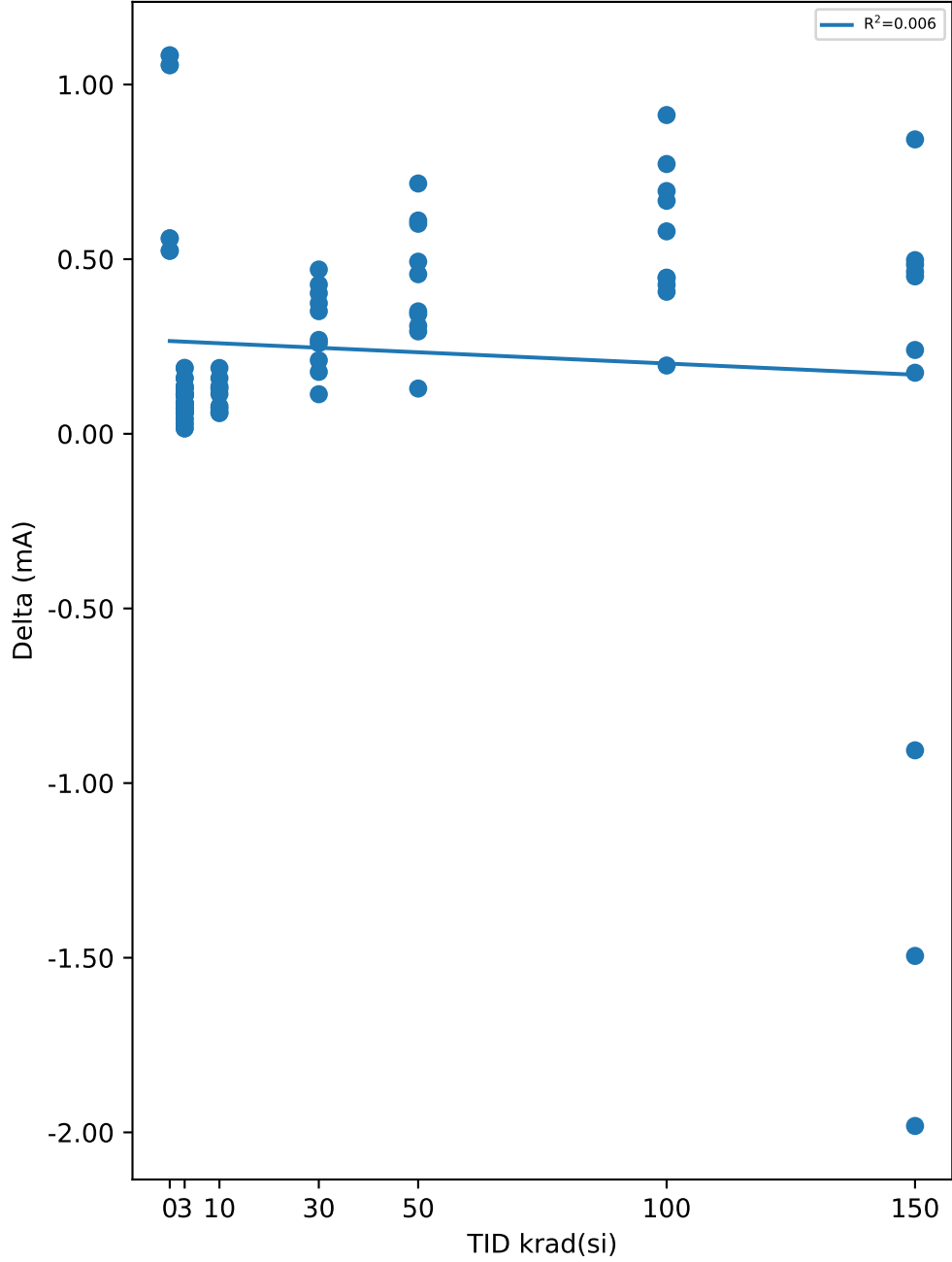
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.8944	6.9209	6.9474	0.037477	7.0648	7.1288	7.1927	0.090439	0.1174	0.20785	0.2983	0.12792
3	6.8037	6.9345	7.0437	0.086157	6.825	6.9682	7.0778	0.09034	0.0159	0.033667	0.0741	0.01744
10	6.8037	6.9345	7.0437	0.086157	6.8325	6.9713	7.0788	0.087273	0.0288	0.036767	0.0501	0.0074577
30	6.8473	6.9227	7.0868	0.07686	6.9206	7.037	7.212	0.086139	0.0733	0.11434	0.1582	0.023765
50	6.8473	6.9227	7.0868	0.07686	6.9611	7.0657	7.2245	0.083177	0.1138	0.143	0.2057	0.031946
100	6.8473	6.9227	7.0868	0.07686	7.0684	7.1884	7.3491	0.089171	0.1954	0.26565	0.4416	0.070739
150	6.7519	6.9211	7.0538	0.092895	7.0682	7.2076	7.3112	0.078387	0.2165	0.28657	0.3468	0.042823

Device Test: 35.12 Iop LS VIN PWM 5MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



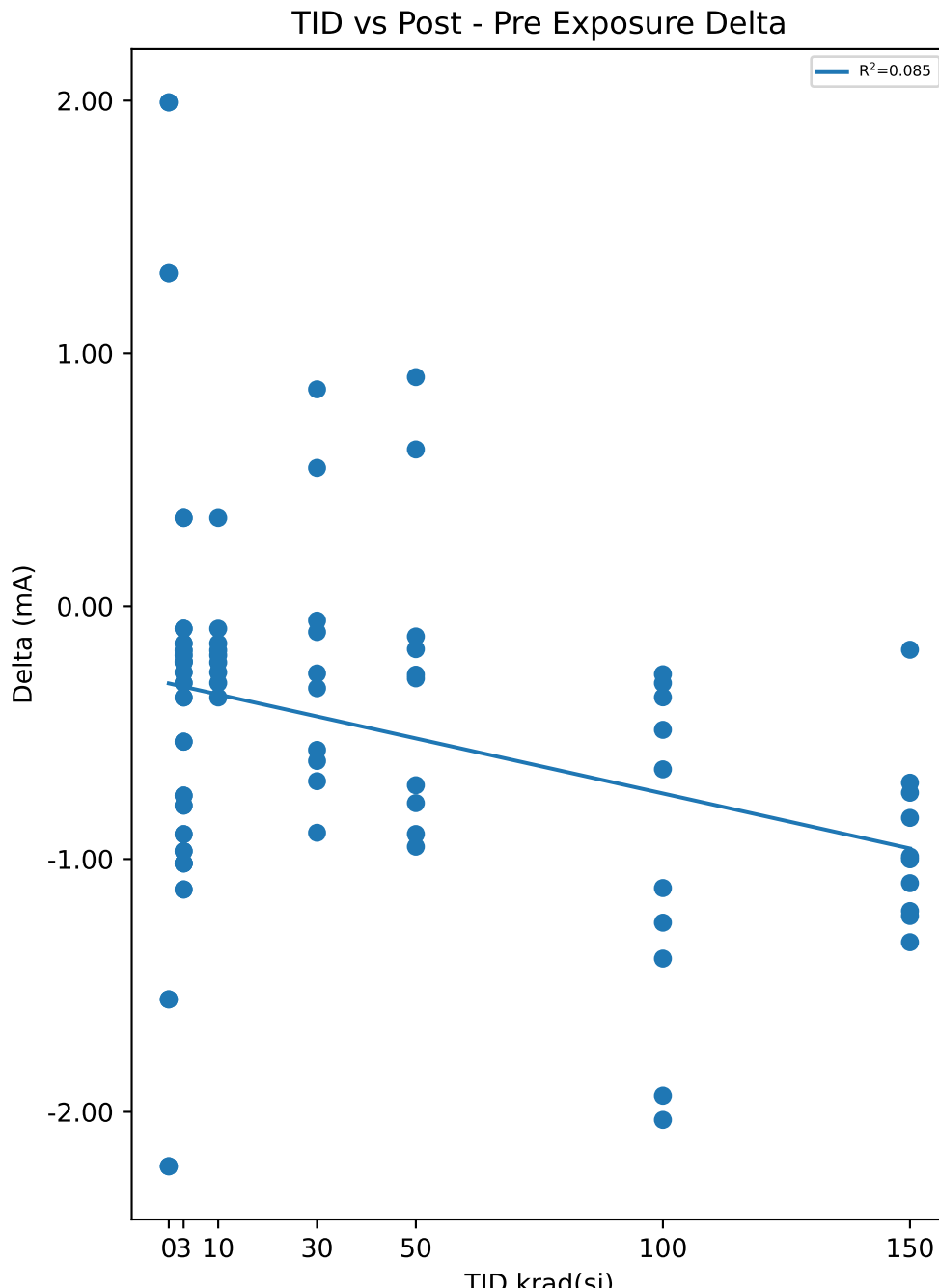
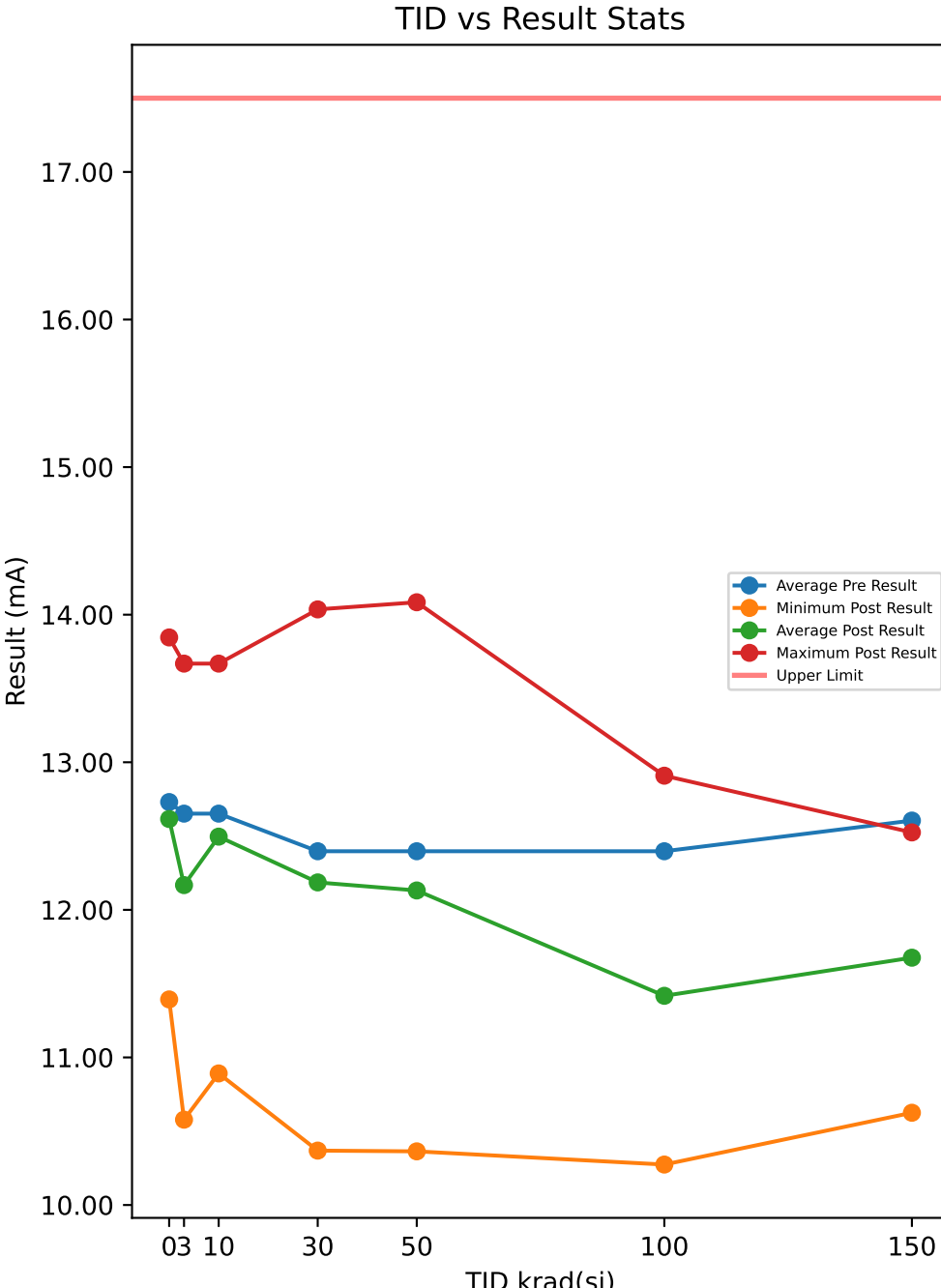
Test Results (Upper Limit = 30.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	18.071	19.126	1.0555
2	0	CORRELATION	18.376	18.936	0.5595
259	3	LDR Biased	18.236	18.325	0.0883
426	3	LDR Biased	17.979	18.092	0.1129
427	3	LDR Biased	18.346	18.362	0.0156
428	3	LDR Biased	17.972	18.001	0.0291
429	3	LDR Unbiased	18.209	18.278	0.0688
430	3	LDR Unbiased	18.131	18.219	0.088
431	3	LDR Unbiased	18.528	18.636	0.1081
432	3	LDR Unbiased	18.721	18.764	0.0428
433	3	LDR Unbiased	17.972	18.085	0.113
1259	10	LDR Biased	18.236	18.395	0.1593
1426	10	LDR Biased	17.979	18.041	0.0615
1427	10	LDR Biased	18.346	18.405	0.0592
1428	10	LDR Biased	17.972	18.045	0.0726
1429	10	LDR Unbiased	18.209	18.345	0.1355
1430	10	LDR Unbiased	18.131	18.21	0.0791
1431	10	LDR Unbiased	18.528	18.716	0.1884
1432	10	LDR Unbiased	18.721	18.835	0.1139
1433	10	LDR Unbiased	17.972	18.102	0.1293
2434	30	LDR Biased	18.119	18.546	0.4272
2435	30	LDR Biased	18.616	18.729	0.1133
2436	30	LDR Biased	18.477	18.746	0.2688
2437	30	LDR Biased	18.409	18.587	0.1773
2438	30	LDR Biased	18.459	18.718	0.2593
2439	30	LDR Unbiased	17.704	18.055	0.3511
2440	30	LDR Unbiased	17.635	18.106	0.4703
2441	30	LDR Unbiased	18.071	18.473	0.4024
2443	30	LDR Unbiased	18.376	18.587	0.2105
2444	30	LDR Unbiased	18.327	18.701	0.3738
3434	50	LDR Biased	18.119	18.72	0.6013
3435	50	LDR Biased	18.616	18.745	0.1296
3436	50	LDR Biased	18.477	18.82	0.3429
3437	50	LDR Biased	18.409	18.703	0.2932
3438	50	LDR Biased	18.459	18.768	0.3091
3439	50	LDR Unbiased	17.704	18.161	0.4569
3440	50	LDR Unbiased	17.635	18.352	0.7166
3441	50	LDR Unbiased	18.071	18.682	0.6107
3443	50	LDR Unbiased	18.376	18.727	0.3505
3444	50	LDR Unbiased	18.327	18.82	0.4928
4434	100	LDR Biased	18.119	18.814	0.695
4435	100	LDR Biased	18.616	18.811	0.1955
4436	100	LDR Biased	18.477	18.884	0.4067
4437	100	LDR Biased	18.409	18.836	0.4267
4438	100	LDR Biased	18.459	18.905	0.4464
4439	100	LDR Unbiased	17.704	18.371	0.6671
4440	100	LDR Unbiased	17.635	18.548	0.9126
4441	100	LDR Unbiased	18.071	18.843	0.7724
4443	100	LDR Unbiased	18.376	18.823	0.447
4444	100	LDR Unbiased	18.327	18.907	0.5796
4500	150	LDR Biased	18.463	18.914	0.4507
4501	150	LDR Biased	20.248	18.266	-1.9817
4502	150	LDR Biased	17.932	18.775	0.8429
4503	150	LDR Biased	18.408	18.905	0.4972
4504	150	LDR Biased	18.95	19.19	0.24
4505	150	LDR Unbiased	18.444	18.928	0.4845
4506	150	LDR Unbiased	18.759	18.934	0.1748
4507	150	LDR Unbiased	18.585	19.049	0.464
4508	150	LDR Unbiased	19.791	18.885	-0.9062
4509	150	LDR Unbiased	20.463	18.968	-1.4948

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	18.071	18.223	18.376	0.21574	18.936	19.031	19.126	0.13499	0.5595	0.8075	1.0555	0.35072
3	17.972	18.233	18.721	0.26208	18.001	18.307	18.764	0.2544	0.0156	0.074067	0.113	0.037122
10	17.972	18.233	18.721	0.26208	18.041	18.344	18.835	0.28381	0.0592	0.11098	0.1884	0.045952
30	17.635	18.219	18.616	0.33208	18.055	18.525	18.746	0.25089	0.1133	0.3054	0.4703	0.11737
50	17.635	18.219	18.616	0.33208	18.161	18.65	18.82	0.217	0.1296	0.43036	0.7166	0.17835
100	17.635	18.219	18.616	0.33208	18.371	18.774	18.907	0.17471	0.1955	0.5549	0.9126	0.21057
150	17.932	19.004	20.463	0.85926	18.266	18.882	19.19	0.24212	-1.9817	-0.12286	0.8429	0.97359

Device Test: 35.13 Iop HS BOOT PWM 5MHz VIN 10V

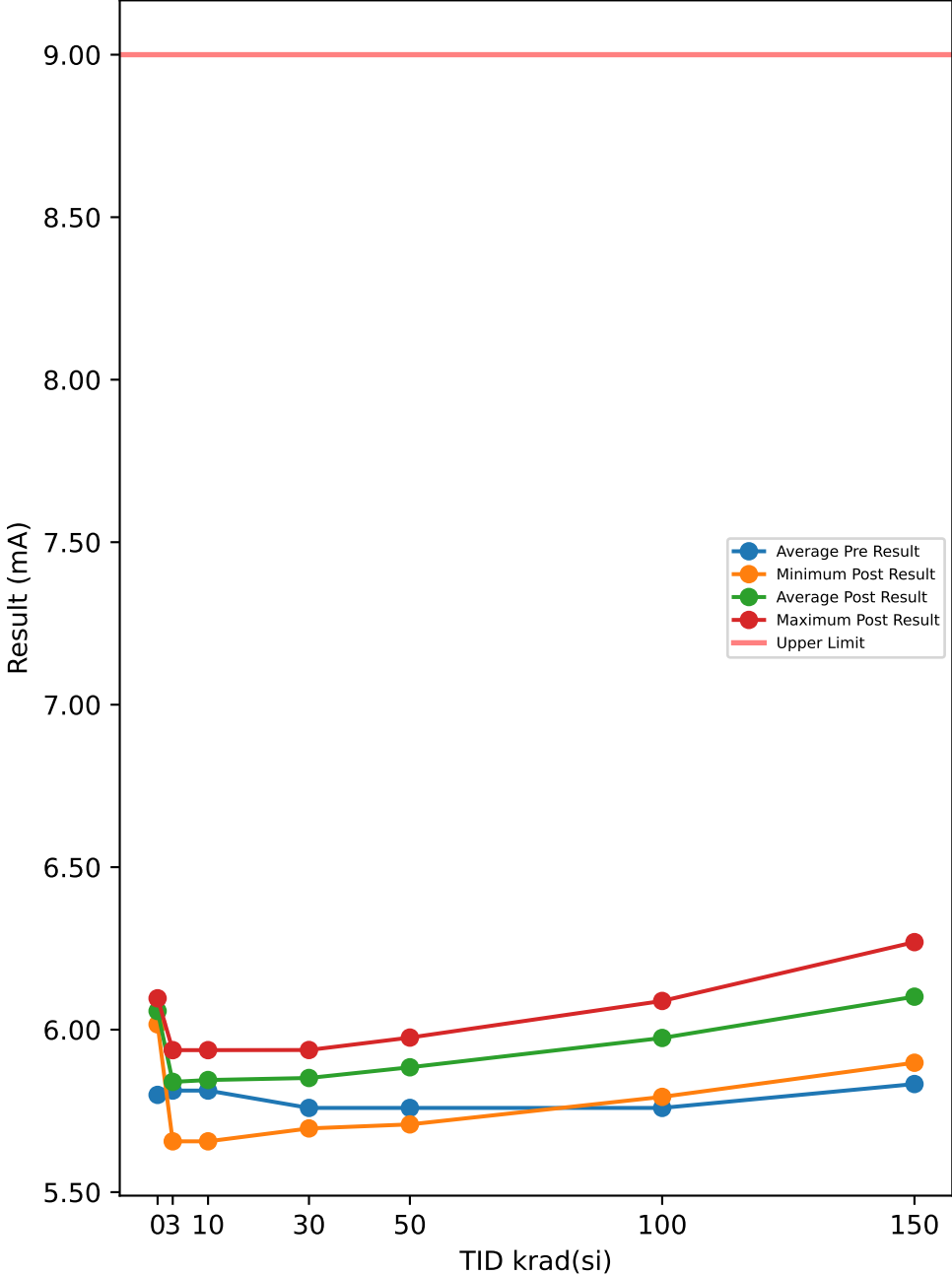


Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	13.608	11.393	-2.2153
2	0	CORRELATION	11.853	13.17	1.3176
259	3	LDR Biased	12.049	11.08	-0.9687
426	3	LDR Biased	12.261	11.473	-0.7883
427	3	LDR Biased	13.513	12.393	-1.1203
428	3	LDR Biased	12.336	11.587	-0.7489
429	3	LDR Unbiased	11.114	10.578	-0.5357
430	3	LDR Unbiased	13.319	13.102	-0.2172
431	3	LDR Unbiased	13.648	12.631	-1.0175
432	3	LDR Unbiased	11.977	11.075	-0.9015
433	3	LDR Unbiased	13.65	12.634	-1.0164
1259	10	LDR Biased	12.049	11.855	-0.1939
1426	10	LDR Biased	12.261	12.087	-0.1744
1427	10	LDR Biased	13.513	13.21	-0.3034
1428	10	LDR Biased	12.336	12.189	-0.1472
1429	10	LDR Unbiased	11.114	10.892	-0.2224
1430	10	LDR Unbiased	13.319	13.668	0.3493
1431	10	LDR Unbiased	13.648	13.387	-0.2615
1432	10	LDR Unbiased	11.977	11.888	-0.0886
1433	10	LDR Unbiased	13.65	13.289	-0.3608
2434	30	LDR Biased	11.013	10.956	-0.0568
2435	30	LDR Biased	13.178	14.036	0.858
2436	30	LDR Biased	10.634	10.369	-0.2657
2437	30	LDR Biased	13.217	12.648	-0.5684
2438	30	LDR Biased	12.56	12.236	-0.3243
2439	30	LDR Unbiased	13.554	12.862	-0.692
2440	30	LDR Unbiased	13.135	13.682	0.5476
2441	30	LDR Unbiased	13.608	12.712	-0.8959
2443	30	LDR Unbiased	11.853	11.241	-0.6119
2444	30	LDR Unbiased	11.219	11.117	-0.102
3434	50	LDR Biased	11.013	10.893	-0.1196
3435	50	LDR Biased	13.178	14.084	0.9063
3436	50	LDR Biased	10.634	10.364	-0.2708
3437	50	LDR Biased	13.217	12.509	-0.7079
3438	50	LDR Biased	12.56	12.275	-0.2852
3439	50	LDR Unbiased	13.554	12.653	-0.9009
3440	50	LDR Unbiased	13.135	13.755	0.6202
3441	50	LDR Unbiased	13.608	12.657	-0.9511
3443	50	LDR Unbiased	11.853	11.074	-0.7788
3444	50	LDR Unbiased	11.219	11.049	-0.1697
4434	100	LDR Biased	11.013	10.708	-0.3042
4435	100	LDR Biased	13.178	12.909	-0.2689
4436	100	LDR Biased	10.634	10.274	-0.3602
4437	100	LDR Biased	13.217	11.823	-1.3936
4438	100	LDR Biased	12.56	11.309	-1.2516
4439	100	LDR Unbiased	13.554	11.618	-1.9364
4440	100	LDR Unbiased	13.135	12.646	-0.4889
4441	100	LDR Unbiased	13.608	11.577	-2.0317
4443	100	LDR Unbiased	11.853	10.738	-1.1147
4444	100	LDR Unbiased	11.219	10.574	-0.6451
4500	150	LDR Biased	10.797	10.625	-0.1721
4501	150	LDR Biased	13.462	12.133	-1.3289
4502	150	LDR Biased	13.592	12.496	-1.0955
4503	150	LDR Biased	13.526	12.525	-1.001
4504	150	LDR Biased	11.757	11.059	-0.6979
4505	150	LDR Unbiased	11.946	11.109	-0.8371
4506	150	LDR Unbiased	12.079	11.342	-0.7377
4507	150	LDR Unbiased	12.092	11.102	-0.9902
4508	150	LDR Unbiased	13.632	12.427	-1.2055
4509	150	LDR Unbiased	13.165	11.94	-1.2252

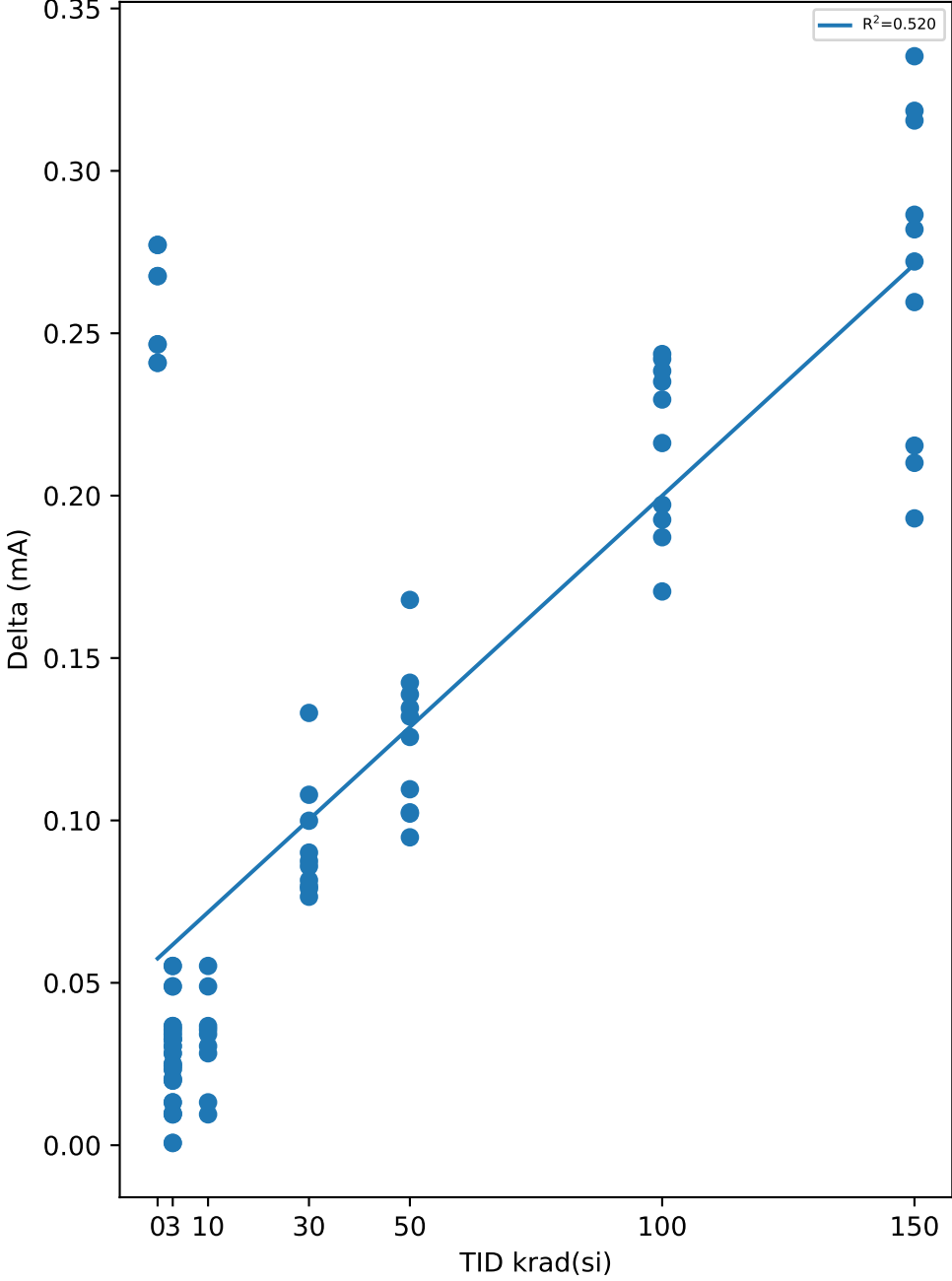
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.853	12.73	13.608	1.2415	11.393	12.282	13.17	1.2567	-2.2153	-0.44885	1.3176	2.4981
3	11.114	12.652	13.65	0.90923	10.578	11.839	13.102	0.87369	-1.1203	-0.81272	-0.2172	0.28423
10	11.114	12.652	13.65	0.90923	10.892	12.496	13.668	0.9303	-0.3608	-0.15588	0.3493	0.20644
30	10.634	12.397	13.608	1.1238	10.369	12.186	14.036	1.2231	-0.8959	-0.21114	0.858	0.55364
50	10.634	12.397	13.608	1.1238	10.364	12.131	14.084	1.2521	-0.9511	-0.26575	0.9063	0.62552
100	10.634	12.397	13.608	1.1238	10.274	11.418	12.909	0.87932	-2.0317	-0.97953	-0.2689	0.6653
150	10.797	12.605	13.632	0.99359	10.625	11.676	12.525	0.70575	-1.3289	-0.92911	-0.1721	0.33864

Device Test: 35.14 lop LS VIN IIM Interlock 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 9.0 (mA))

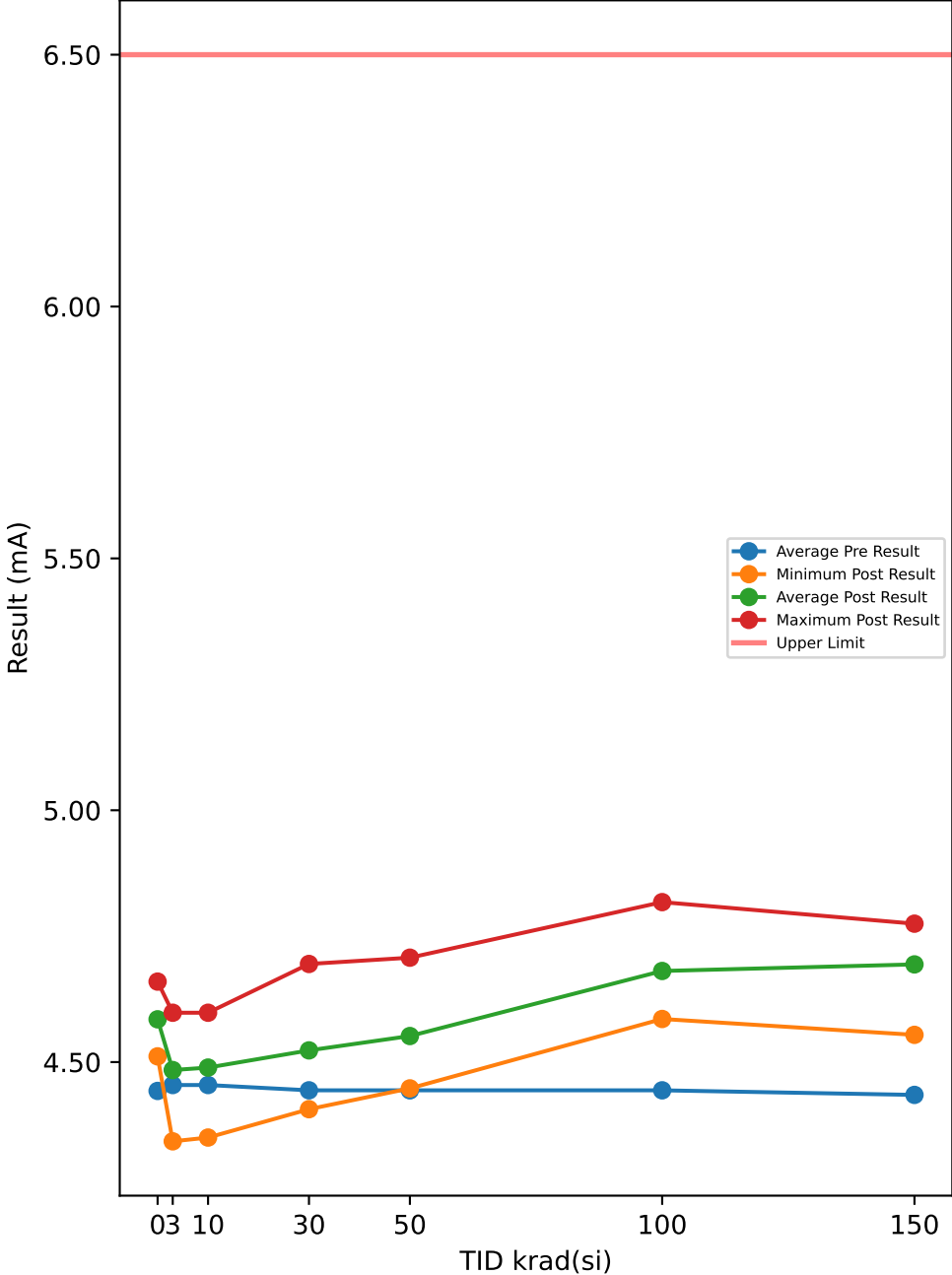
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.8499	6.0965	0.2466
2	0	CORRELATION	5.7487	6.0259	0.2772
259	3	LDR Biased	5.7892	5.799	0.0098
426	3	LDR Biased	5.6469	5.6713	0.0244
427	3	LDR Biased	5.8818	5.9144	0.0326
428	3	LDR Biased	5.7744	5.7943	0.0199
429	3	LDR Unbiased	5.7561	5.7888	0.0327
430	3	LDR Unbiased	5.8819	5.9053	0.0234
431	3	LDR Unbiased	5.8549	5.8753	0.0204
432	3	LDR Unbiased	5.8839	5.9089	0.025
433	3	LDR Unbiased	5.8441	5.8448	0.0007
1259	10	LDR Biased	5.7892	5.8248	0.0356
1426	10	LDR Biased	5.6469	5.6564	0.0095
1427	10	LDR Biased	5.8818	5.937	0.0552
1428	10	LDR Biased	5.7744	5.8111	0.0367
1429	10	LDR Unbiased	5.7561	5.7903	0.0342
1430	10	LDR Unbiased	5.8819	5.9102	0.0283
1431	10	LDR Unbiased	5.8549	5.9038	0.0489
1432	10	LDR Unbiased	5.8839	5.9144	0.0305
1433	10	LDR Unbiased	5.8441	5.8573	0.0132
2434	30	LDR Biased	5.7307	5.8638	0.1331
2435	30	LDR Biased	5.7836	5.8626	0.079
2436	30	LDR Biased	5.769	5.8769	0.1079
2437	30	LDR Biased	5.8035	5.8851	0.0816
2438	30	LDR Biased	5.8381	5.9146	0.0765
2439	30	LDR Unbiased	5.606	5.6961	0.0901
2440	30	LDR Unbiased	5.695	5.7809	0.0859
2441	30	LDR Unbiased	5.8499	5.9374	0.0875
2443	30	LDR Unbiased	5.7487	5.8285	0.0798
2444	30	LDR Unbiased	5.7673	5.8672	0.0999
3434	50	LDR Biased	5.7307	5.8986	0.1679
3435	50	LDR Biased	5.7836	5.8784	0.0948
3436	50	LDR Biased	5.769	5.9078	0.1388
3437	50	LDR Biased	5.8035	5.9355	0.132
3438	50	LDR Biased	5.8381	5.9402	0.1021
3439	50	LDR Unbiased	5.606	5.7085	0.1025
3440	50	LDR Unbiased	5.695	5.8296	0.1346
3441	50	LDR Unbiased	5.8499	5.9756	0.1257
3443	50	LDR Unbiased	5.7487	5.8583	0.1096
3444	50	LDR Unbiased	5.7673	5.9097	0.1424
4434	100	LDR Biased	5.7307	5.9603	0.2296
4435	100	LDR Biased	5.7836	5.9808	0.1972
4436	100	LDR Biased	5.769	5.9852	0.2162
4437	100	LDR Biased	5.8035	6.0456	0.2421
4438	100	LDR Biased	5.8381	6.0086	0.1705
4439	100	LDR Unbiased	5.606	5.7932	0.1872
4440	100	LDR Unbiased	5.695	5.9301	0.2351
4441	100	LDR Unbiased	5.8499	6.0883	0.2384
4443	100	LDR Unbiased	5.7487	5.9413	0.1926
4444	100	LDR Unbiased	5.7673	6.0109	0.2436
4500	150	LDR Biased	5.8118	6.0839	0.2721
4501	150	LDR Biased	5.6881	5.8982	0.2101
4502	150	LDR Biased	5.6731	5.9327	0.2596
4503	150	LDR Biased	5.887	6.08	0.193
4504	150	LDR Biased	5.9508	6.2693	0.3185
4505	150	LDR Unbiased	5.8272	6.1092	0.282
4506	150	LDR Unbiased	5.9134	6.1288	0.2154
4507	150	LDR Unbiased	5.9289	6.2154	0.2865
4508	150	LDR Unbiased	5.8708	6.2061	0.3353
4509	150	LDR Unbiased	5.7756	6.0911	0.3155

Test Statistics (mA)

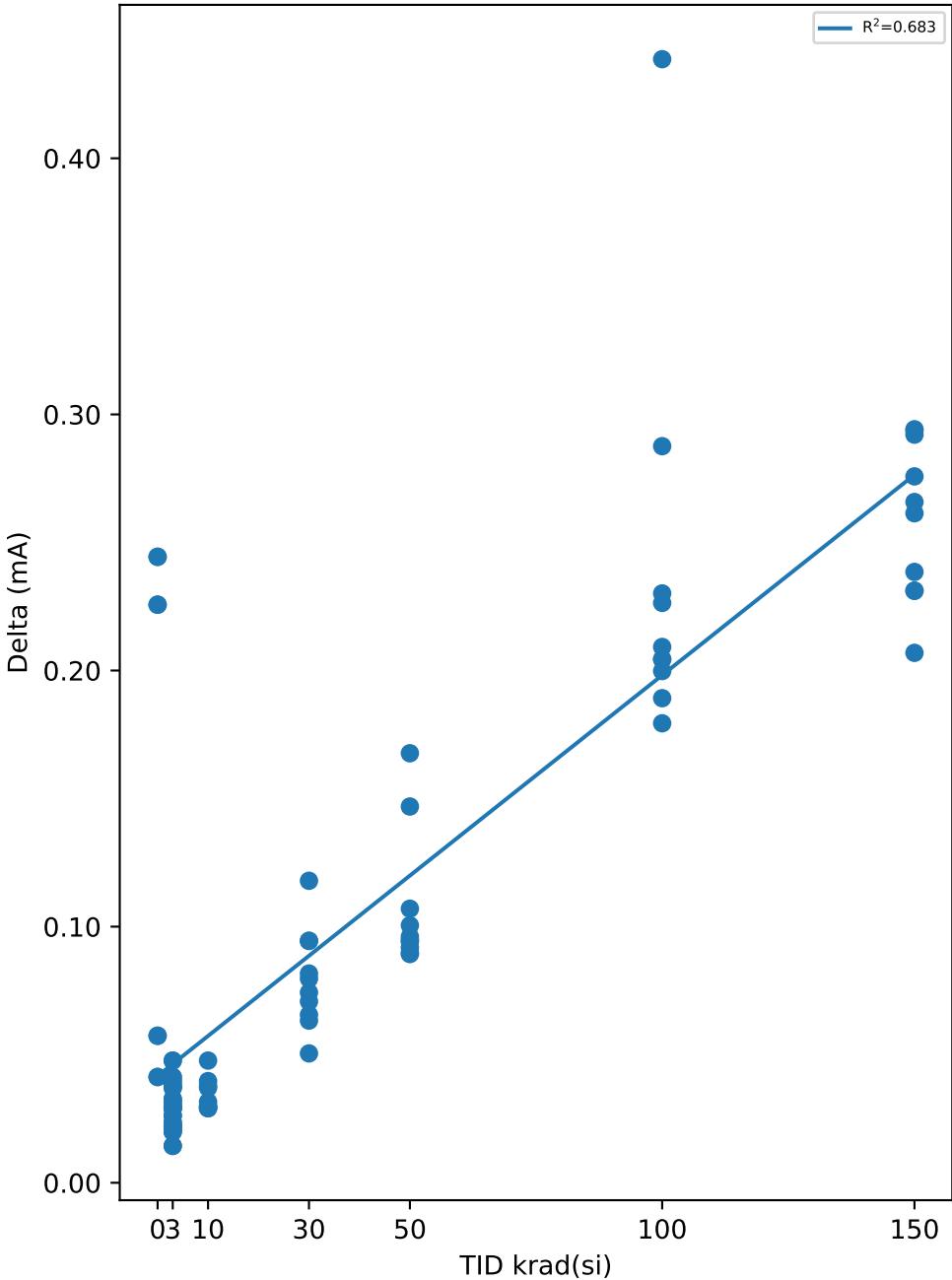
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.7487	5.7993	5.8499	0.071559	6.0259	6.0612	6.0965	0.049922	0.2466	0.2619	0.2772	0.021637
3	5.6469	5.8126	5.8839	0.079145	5.6713	5.8336	5.9144	0.079289	0.0007	0.020989	0.0327	0.010271
10	5.6469	5.8126	5.8839	0.079145	5.6564	5.845	5.937	0.087507	0.0095	0.032456	0.0552	0.014737
30	5.606	5.7592	5.8499	0.071247	5.6961	5.8513	5.9374	0.069376	0.0765	0.09213	0.1331	0.017422
50	5.606	5.7592	5.8499	0.071247	5.7085	5.8842	5.9756	0.074604	0.0948	0.12504	0.1679	0.022743
100	5.606	5.7592	5.8499	0.071247	5.7932	5.9744	6.0883	0.079437	0.1705	0.21525	0.2436	0.026436
150	5.6731	5.8327	5.9508	0.096738	5.8982	6.1015	6.2693	0.11718	0.193	0.2688	0.3353	0.049102

Device Test: 35.15 lop HS BOOT IIM Interlock 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



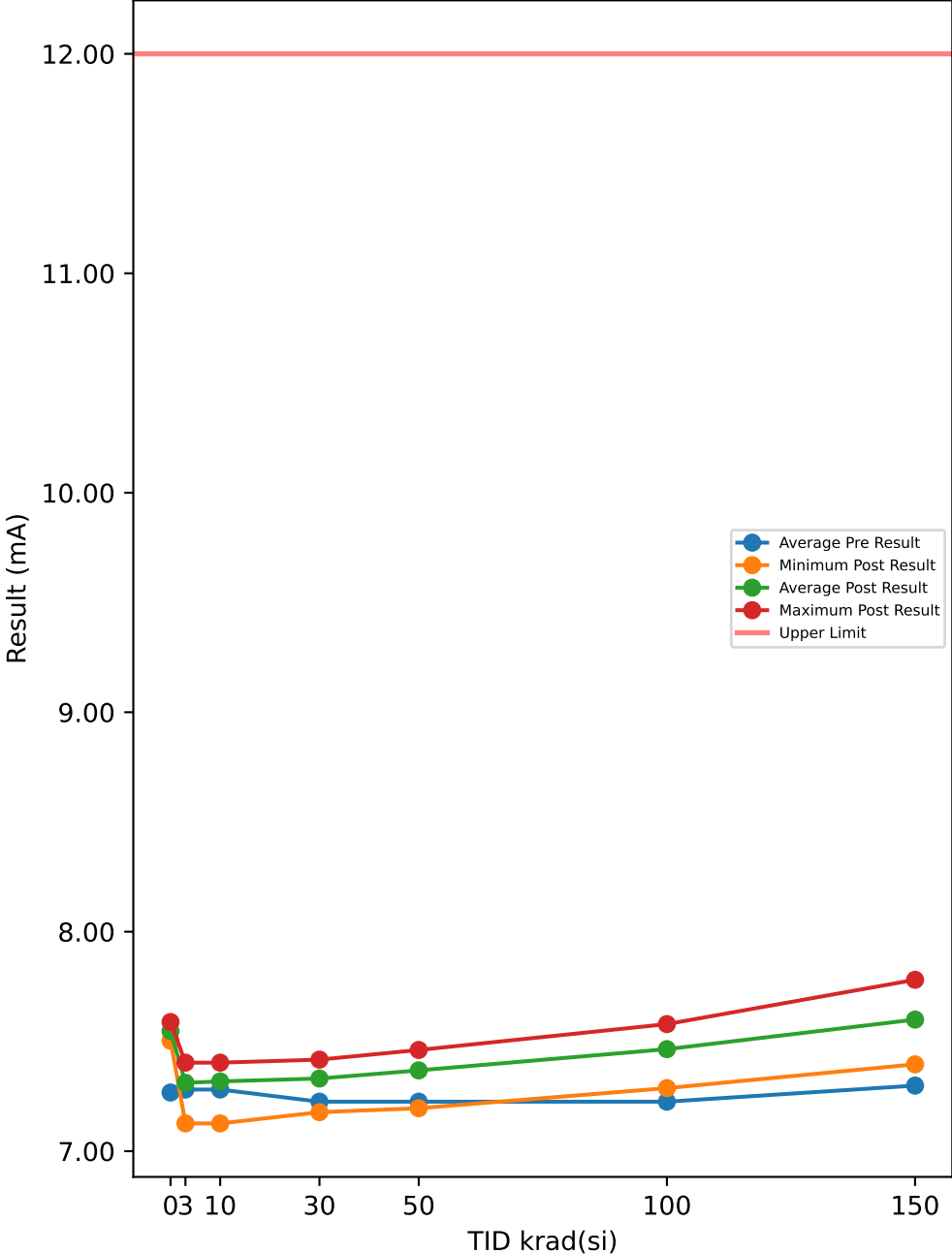
Test Results (Upper Limit = 6.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.4701	4.5275	0.0574
2	0	CORRELATION	4.4154	4.6598	0.2444
259	3	LDR Biased	4.4062	4.4285	0.0223
426	3	LDR Biased	4.3207	4.3427	0.022
427	3	LDR Biased	4.5203	4.5439	0.0236
428	3	LDR Biased	4.5291	4.549	0.0199
429	3	LDR Unbiased	4.3291	4.3553	0.0262
430	3	LDR Unbiased	4.4383	4.4796	0.0413
431	3	LDR Unbiased	4.5217	4.5361	0.0144
432	3	LDR Unbiased	4.464	4.4967	0.0327
433	3	LDR Unbiased	4.5609	4.5817	0.0208
1259	10	LDR Biased	4.4062	4.4459	0.0397
1426	10	LDR Biased	4.3207	4.3502	0.0295
1427	10	LDR Biased	4.5203	4.5504	0.0301
1428	10	LDR Biased	4.5291	4.5582	0.0291
1429	10	LDR Unbiased	4.3291	4.3582	0.0291
1430	10	LDR Unbiased	4.4383	4.4762	0.0379
1431	10	LDR Unbiased	4.5217	4.5533	0.0316
1432	10	LDR Unbiased	4.464	4.5117	0.0477
1433	10	LDR Unbiased	4.5609	4.598	0.0371
2434	30	LDR Biased	4.356	4.4065	0.0505
2435	30	LDR Biased	4.6131	4.6948	0.0817
2436	30	LDR Biased	4.3858	4.4514	0.0656
2437	30	LDR Biased	4.5289	4.5997	0.0708
2438	30	LDR Biased	4.4184	4.5363	0.1179
2439	30	LDR Unbiased	4.4451	4.5084	0.0633
2440	30	LDR Unbiased	4.382	4.4563	0.0743
2441	30	LDR Unbiased	4.4701	4.5646	0.0945
2443	30	LDR Unbiased	4.4154	4.5098	0.0944
2444	30	LDR Unbiased	4.4249	4.5046	0.0797
3434	50	LDR Biased	4.356	4.4478	0.0918
3435	50	LDR Biased	4.6131	4.7073	0.0942
3436	50	LDR Biased	4.3858	4.4863	0.1005
3437	50	LDR Biased	4.5289	4.6186	0.0897
3438	50	LDR Biased	4.4184	4.5861	0.1677
3439	50	LDR Unbiased	4.4451	4.5344	0.0893
3440	50	LDR Unbiased	4.382	4.489	0.107
3441	50	LDR Unbiased	4.4701	4.617	0.1469
3443	50	LDR Unbiased	4.4154	4.5101	0.0947
3444	50	LDR Unbiased	4.4249	4.521	0.0961
4434	100	LDR Biased	4.356	4.7947	0.4387
4435	100	LDR Biased	4.6131	4.8176	0.2045
4436	100	LDR Biased	4.3858	4.5856	0.1998
4437	100	LDR Biased	4.5289	4.7381	0.2092
4438	100	LDR Biased	4.4184	4.706	0.2876
4439	100	LDR Unbiased	4.4451	4.6245	0.1794
4440	100	LDR Unbiased	4.382	4.5863	0.2043
4441	100	LDR Unbiased	4.4701	4.7002	0.2301
4443	100	LDR Unbiased	4.4154	4.6418	0.2264
4444	100	LDR Unbiased	4.4249	4.6141	0.1892
4500	150	LDR Biased	4.4048	4.699	0.2942
4501	150	LDR Biased	4.323	4.5541	0.2311
4502	150	LDR Biased	4.4209	4.713	0.2921
4503	150	LDR Biased	4.4573	4.7187	0.2614
4504	150	LDR Biased	4.4722	4.738	0.2658
4505	150	LDR Unbiased	4.4581	4.7339	0.2758
4506	150	LDR Unbiased	4.4225	4.6537	0.2312
4507	150	LDR Unbiased	4.5664	4.7733	0.2069
4508	150	LDR Unbiased	4.5363	4.7748	0.2385
4509	150	LDR Unbiased	4.2873	4.581	0.2937

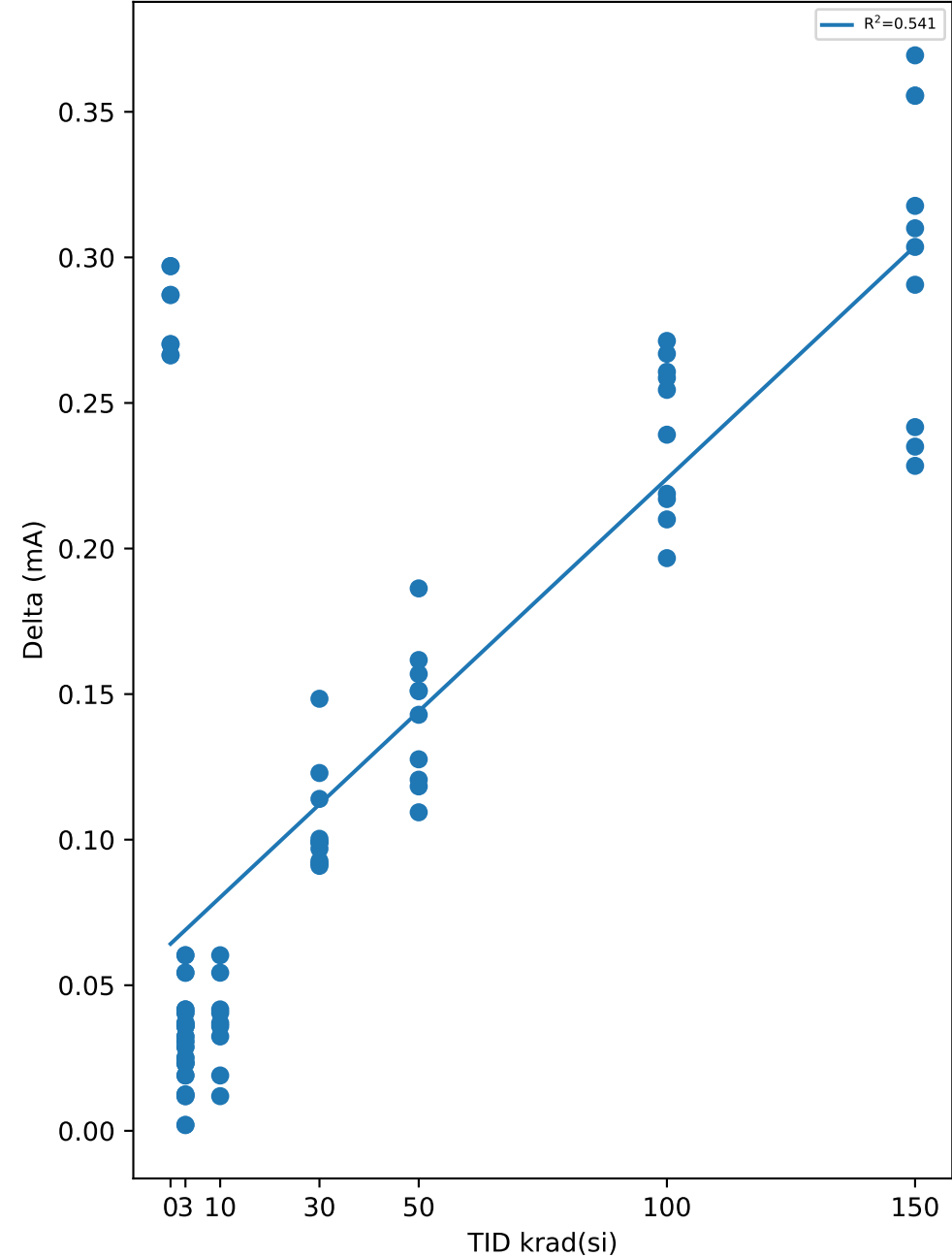
Test Statistics (mA)

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	4.4154	4.4428	4.4701	0.038679	4.5275	4.5937	4.6598	0.09355	0.0574	0.1509	0.2444	0.13223
3	4.3207	4.4545	4.5609	0.088066	4.3427	4.4793	4.5817	0.086358	0.0144	0.0248	0.0413	0.0079082
10	4.3207	4.4545	4.5609	0.088066	4.3502	4.4891	4.598	0.089082	0.0291	0.034644	0.0477	0.0064275
30	4.356	4.444	4.6131	0.076955	4.4065	4.5232	4.6948	0.082448	0.0505	0.07927	0.1179	0.019222
50	4.356	4.444	4.6131	0.076955	4.4478	4.5518	4.7073	0.078959	0.0893	0.10779	0.1677	0.02706
100	4.356	4.444	4.6131	0.076955	4.5856	4.6809	4.8176	0.083742	0.1794	0.23692	0.4387	0.076947
150	4.2873	4.4349	4.5664	0.085355	4.5541	4.694	4.7748	0.075503	0.2069	0.25907	0.2942	0.030838

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (mA))

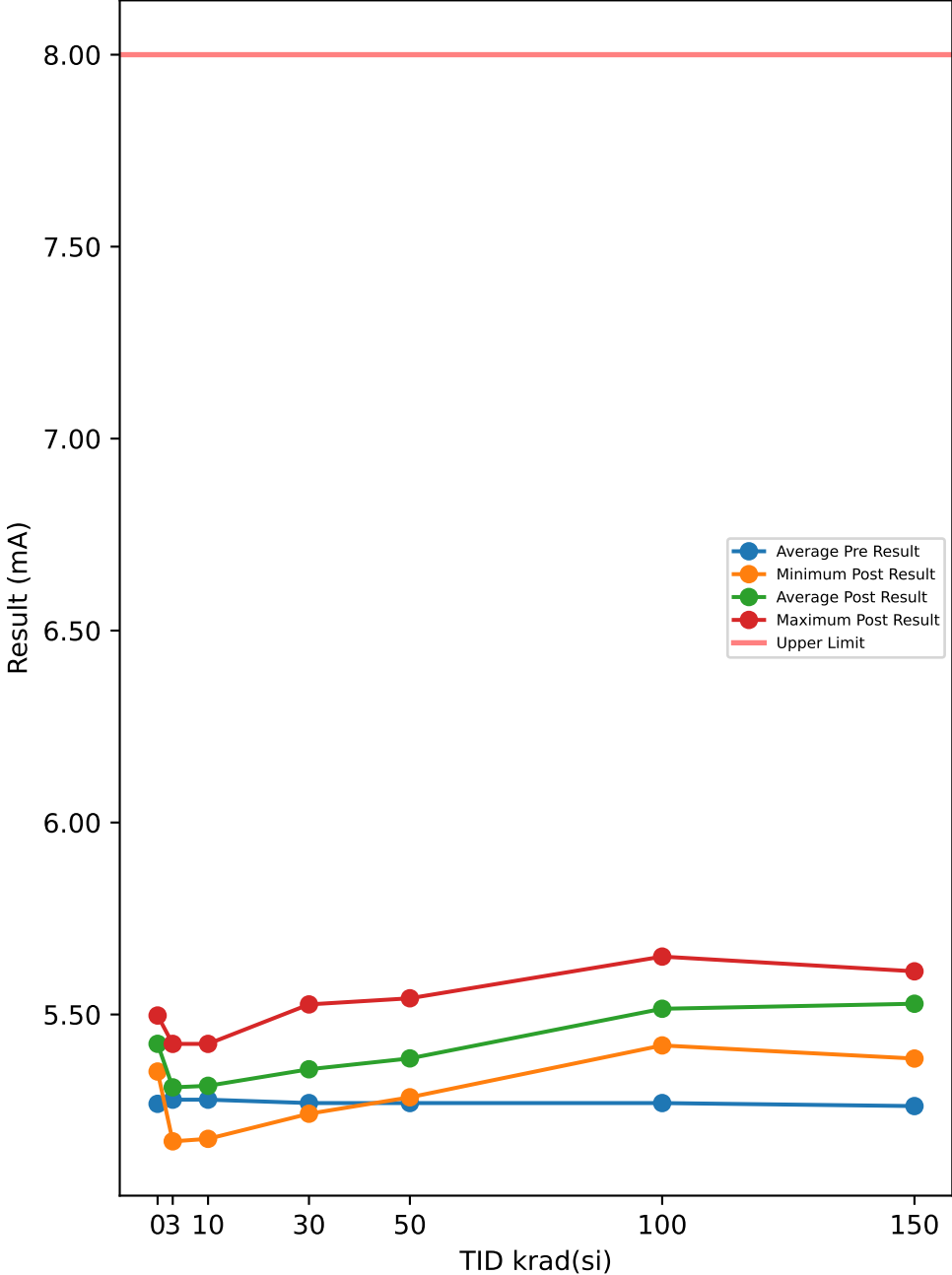
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.3182	7.5884	0.2702
2	0	CORRELATION	7.2163	7.5133	0.297
259	3	LDR Biased	7.2639	7.2764	0.0125
426	3	LDR Biased	7.1145	7.1396	0.0251
427	3	LDR Biased	7.343	7.379	0.036
428	3	LDR Biased	7.2452	7.2686	0.0234
429	3	LDR Unbiased	7.2143	7.2508	0.0365
430	3	LDR Unbiased	7.3454	7.3742	0.0288
431	3	LDR Unbiased	7.3263	7.3494	0.0231
432	3	LDR Unbiased	7.3557	7.3864	0.0307
433	3	LDR Unbiased	7.319	7.321	0.002
1259	10	LDR Biased	7.2639	7.3044	0.0405
1426	10	LDR Biased	7.1145	7.1264	0.0119
1427	10	LDR Biased	7.343	7.4033	0.0603
1428	10	LDR Biased	7.2452	7.2869	0.0417
1429	10	LDR Unbiased	7.2143	7.2513	0.037
1430	10	LDR Unbiased	7.3454	7.3778	0.0324
1431	10	LDR Unbiased	7.3263	7.3806	0.0543
1432	10	LDR Unbiased	7.3557	7.3916	0.0359
1433	10	LDR Unbiased	7.319	7.338	0.019
2434	30	LDR Biased	7.1955	7.3439	0.1484
2435	30	LDR Biased	7.2469	7.3387	0.0918
2436	30	LDR Biased	7.2382	7.3611	0.1229
2437	30	LDR Biased	7.2645	7.3614	0.0969
2438	30	LDR Biased	7.3071	7.3981	0.091
2439	30	LDR Unbiased	7.0773	7.1776	0.1003
2440	30	LDR Unbiased	7.1522	7.2514	0.0992
2441	30	LDR Unbiased	7.3182	7.4171	0.0989
2443	30	LDR Unbiased	7.2163	7.309	0.0927
2444	30	LDR Unbiased	7.238	7.352	0.114
3434	50	LDR Biased	7.1955	7.3818	0.1863
3435	50	LDR Biased	7.2469	7.3563	0.1094
3436	50	LDR Biased	7.2382	7.3951	0.1569
3437	50	LDR Biased	7.2645	7.4157	0.1512
3438	50	LDR Biased	7.3071	7.4277	0.1206
3439	50	LDR Unbiased	7.0773	7.1956	0.1183
3440	50	LDR Unbiased	7.1522	7.3032	0.151
3441	50	LDR Unbiased	7.3182	7.4611	0.1429
3443	50	LDR Unbiased	7.2163	7.3439	0.1276
3444	50	LDR Unbiased	7.238	7.3997	0.1617
4434	100	LDR Biased	7.1955	7.45	0.2545
4435	100	LDR Biased	7.2469	7.4657	0.2188
4436	100	LDR Biased	7.2382	7.4773	0.2391
4437	100	LDR Biased	7.2645	7.5314	0.2669
4438	100	LDR Biased	7.3071	7.5038	0.1967
4439	100	LDR Unbiased	7.0773	7.2873	0.21
4440	100	LDR Unbiased	7.1522	7.4108	0.2586
4441	100	LDR Unbiased	7.3182	7.5789	0.2607
4443	100	LDR Unbiased	7.2163	7.4333	0.217
4444	100	LDR Unbiased	7.238	7.5093	0.2713
4500	150	LDR Biased	7.2688	7.5724	0.3036
4501	150	LDR Biased	7.154	7.3957	0.2417
4502	150	LDR Biased	7.146	7.4366	0.2906
4503	150	LDR Biased	7.3528	7.5812	0.2284
4504	150	LDR Biased	7.4253	7.7809	0.3556
4505	150	LDR Unbiased	7.2913	7.6013	0.31
4506	150	LDR Unbiased	7.3865	7.6215	0.235
4507	150	LDR Unbiased	7.3898	7.7075	0.3177
4508	150	LDR Unbiased	7.3302	7.6996	0.3694
4509	150	LDR Unbiased	7.243	7.5985	0.3555

Test Statistics (mA)

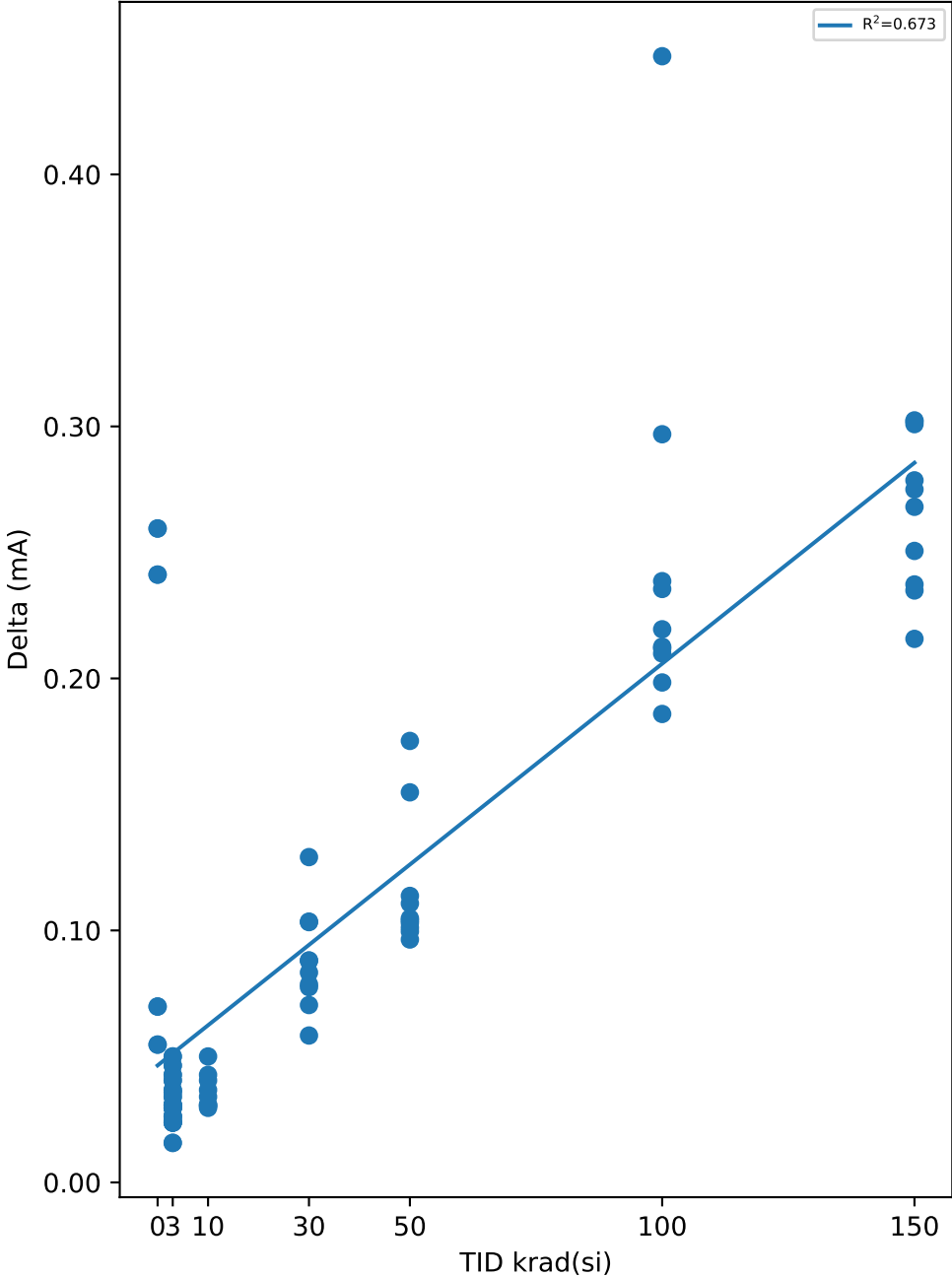
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.2163	7.2673	7.3182	0.072054	7.5133	7.5509	7.5884	0.053104	0.2702	0.2836	0.297	0.01895
3	7.1145	7.2808	7.3557	0.079697	7.1396	7.305	7.3864	0.080277	0.002	0.024233	0.0365	0.011104
10	7.1145	7.2808	7.3557	0.079697	7.1264	7.3178	7.4033	0.08867	0.0119	0.037	0.0603	0.015219
30	7.0773	7.2254	7.3182	0.07139	7.1776	7.331	7.4171	0.070525	0.091	0.10561	0.1484	0.018139
50	7.0773	7.2254	7.3182	0.07139	7.1956	7.368	7.4611	0.075333	0.1094	0.14259	0.1863	0.02363
100	7.0773	7.2254	7.3182	0.07139	7.2873	7.4648	7.5789	0.079405	0.1967	0.23936	0.2713	0.026746
150	7.146	7.2988	7.4253	0.096759	7.3957	7.5995	7.7809	0.11748	0.2284	0.30075	0.3694	0.051905

Device Test: 35.17 Iop HS BOOT IIM Interlock 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



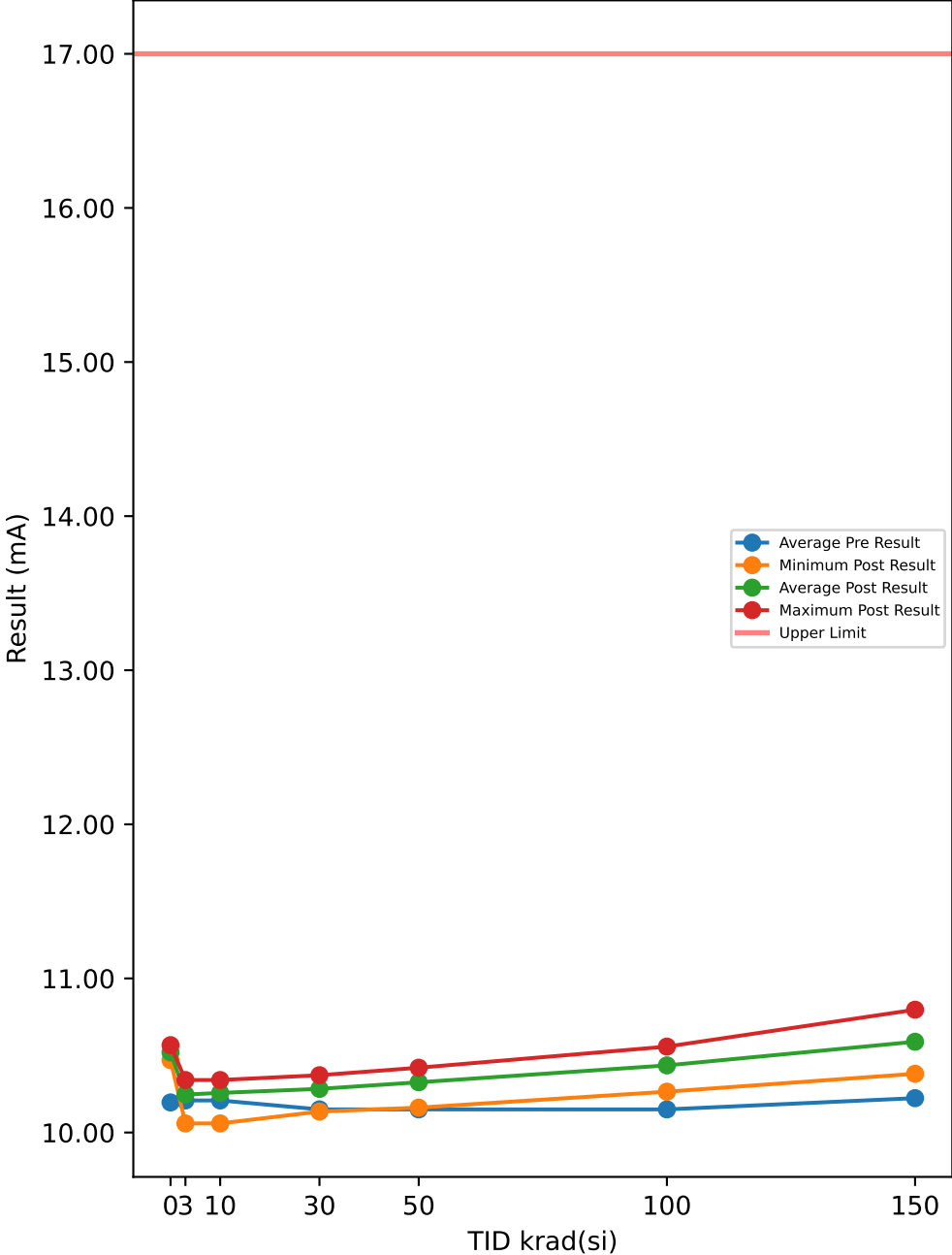
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.2967	5.3665	0.0698
2	0	CORRELATION	5.2378	5.4973	0.2595
259	3	LDR Biased	5.2337	5.2597	0.026
426	3	LDR Biased	5.1458	5.1696	0.0238
427	3	LDR Biased	5.3391	5.3655	0.0264
428	3	LDR Biased	5.3482	5.3726	0.0244
429	3	LDR Unbiased	5.149	5.1785	0.0295
430	3	LDR Unbiased	5.2628	5.3092	0.0464
431	3	LDR Unbiased	5.35	5.3657	0.0157
432	3	LDR Unbiased	5.2874	5.3232	0.0358
433	3	LDR Unbiased	5.3867	5.4104	0.0237
1259	10	LDR Biased	5.2337	5.2764	0.0427
1426	10	LDR Biased	5.1458	5.1761	0.0303
1427	10	LDR Biased	5.3391	5.37	0.0309
1428	10	LDR Biased	5.3482	5.3822	0.034
1429	10	LDR Unbiased	5.149	5.1786	0.0296
1430	10	LDR Unbiased	5.2628	5.3033	0.0405
1431	10	LDR Unbiased	5.35	5.3807	0.0307
1432	10	LDR Unbiased	5.2874	5.3374	0.05
1433	10	LDR Unbiased	5.3867	5.4234	0.0367
2434	30	LDR Biased	5.1832	5.2415	0.0583
2435	30	LDR Biased	5.4382	5.5262	0.088
2436	30	LDR Biased	5.2102	5.2877	0.0775
2437	30	LDR Biased	5.3544	5.433	0.0786
2438	30	LDR Biased	5.2412	5.3703	0.1291
2439	30	LDR Unbiased	5.2686	5.339	0.0704
2440	30	LDR Unbiased	5.2075	5.2908	0.0833
2441	30	LDR Unbiased	5.2967	5.4002	0.1035
2443	30	LDR Unbiased	5.2378	5.3411	0.1033
2444	30	LDR Unbiased	5.255	5.3431	0.0881
3434	50	LDR Biased	5.1832	5.2843	0.1011
3435	50	LDR Biased	5.4382	5.5422	0.104
3436	50	LDR Biased	5.2102	5.3209	0.1107
3437	50	LDR Biased	5.3544	5.4508	0.0964
3438	50	LDR Biased	5.2412	5.4164	0.1752
3439	50	LDR Unbiased	5.2686	5.3682	0.0996
3440	50	LDR Unbiased	5.2075	5.3212	0.1137
3441	50	LDR Unbiased	5.2967	5.4515	0.1548
3443	50	LDR Unbiased	5.2378	5.3408	0.103
3444	50	LDR Unbiased	5.255	5.3598	0.1048
4434	100	LDR Biased	5.1832	5.6301	0.4469
4435	100	LDR Biased	5.4382	5.6508	0.2126
4436	100	LDR Biased	5.2102	5.4201	0.2099
4437	100	LDR Biased	5.3544	5.5739	0.2195
4438	100	LDR Biased	5.2412	5.5381	0.2969
4439	100	LDR Unbiased	5.2686	5.4545	0.1859
4440	100	LDR Unbiased	5.2075	5.4194	0.2119
4441	100	LDR Unbiased	5.2967	5.5353	0.2386
4443	100	LDR Unbiased	5.2378	5.4733	0.2355
4444	100	LDR Unbiased	5.255	5.4534	0.1984
4500	150	LDR Biased	5.2272	5.5281	0.3009
4501	150	LDR Biased	5.1503	5.3852	0.2349
4502	150	LDR Biased	5.2501	5.5521	0.302
4503	150	LDR Biased	5.2861	5.5542	0.2681
4504	150	LDR Biased	5.2985	5.5735	0.275
4505	150	LDR Unbiased	5.2875	5.5661	0.2786
4506	150	LDR Unbiased	5.2501	5.4874	0.2373
4507	150	LDR Unbiased	5.3915	5.6072	0.2157
4508	150	LDR Unbiased	5.3618	5.6124	0.2506
4509	150	LDR Unbiased	5.111	5.4134	0.3024

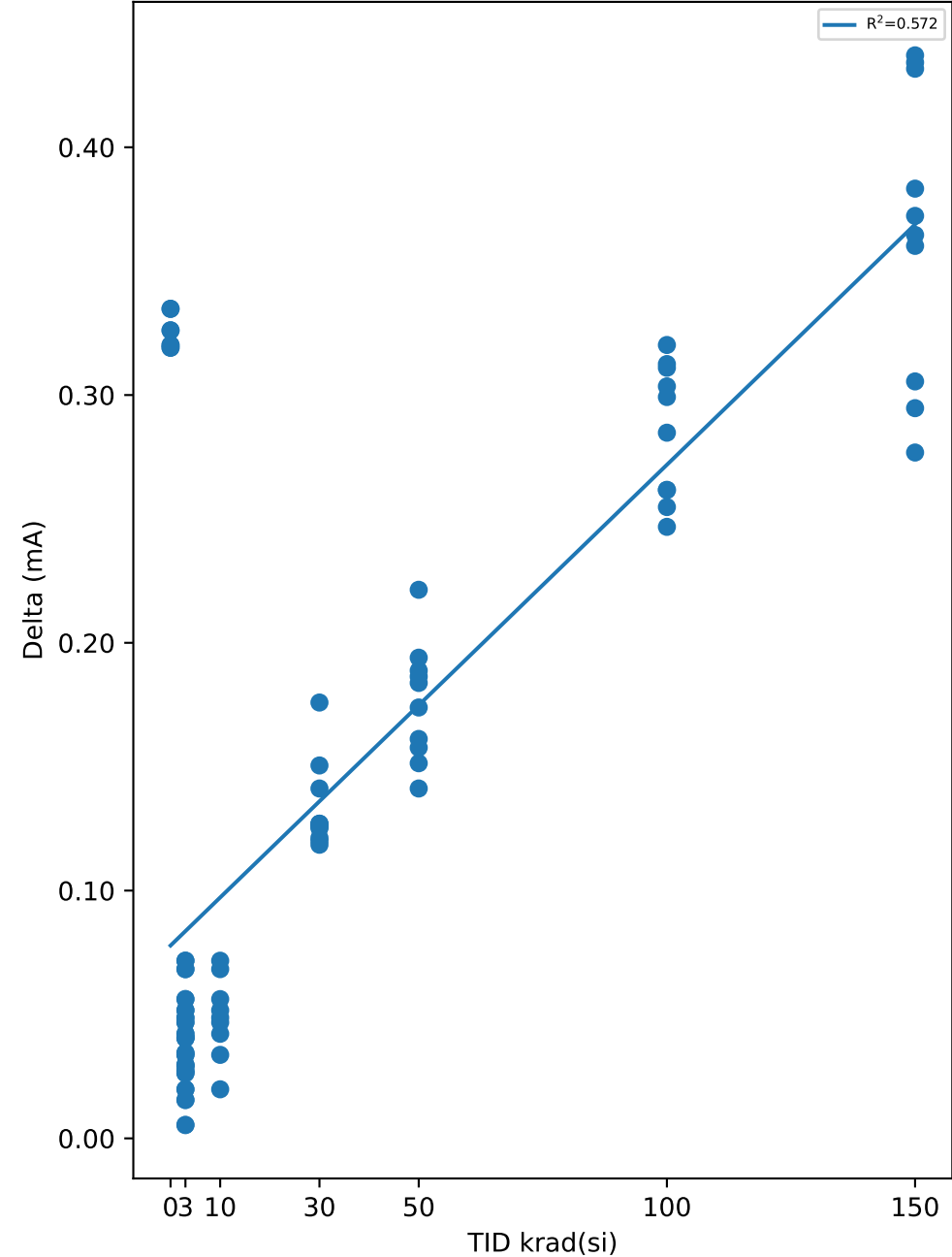
Test Statistics (mA)

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	5.2378	5.2673	5.2967	0.041649	5.3665	5.4319	5.4973	0.09249	0.0698	0.16465	0.2595	0.13414
3	5.1458	5.2781	5.3867	0.088077	5.1696	5.306	5.4104	0.086422	0.0157	0.027967	0.0464	0.008722
10	5.1458	5.2781	5.3867	0.088077	5.1761	5.3142	5.4234	0.089183	0.0296	0.036156	0.05	0.0070086
30	5.1832	5.2693	5.4382	0.076907	5.2415	5.3573	5.5262	0.081474	0.0583	0.08801	0.1291	0.019934
50	5.1832	5.2693	5.4382	0.076907	5.2843	5.3856	5.5422	0.078625	0.0964	0.11633	0.1752	0.026575
100	5.1832	5.2693	5.4382	0.076907	5.4194	5.5149	5.6508	0.08396	0.1859	0.24561	0.4469	0.076939
150	5.111	5.2614	5.3915	0.085675	5.3852	5.528	5.6124	0.076998	0.2157	0.26655	0.3024	0.030981

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 17.0 (mA))

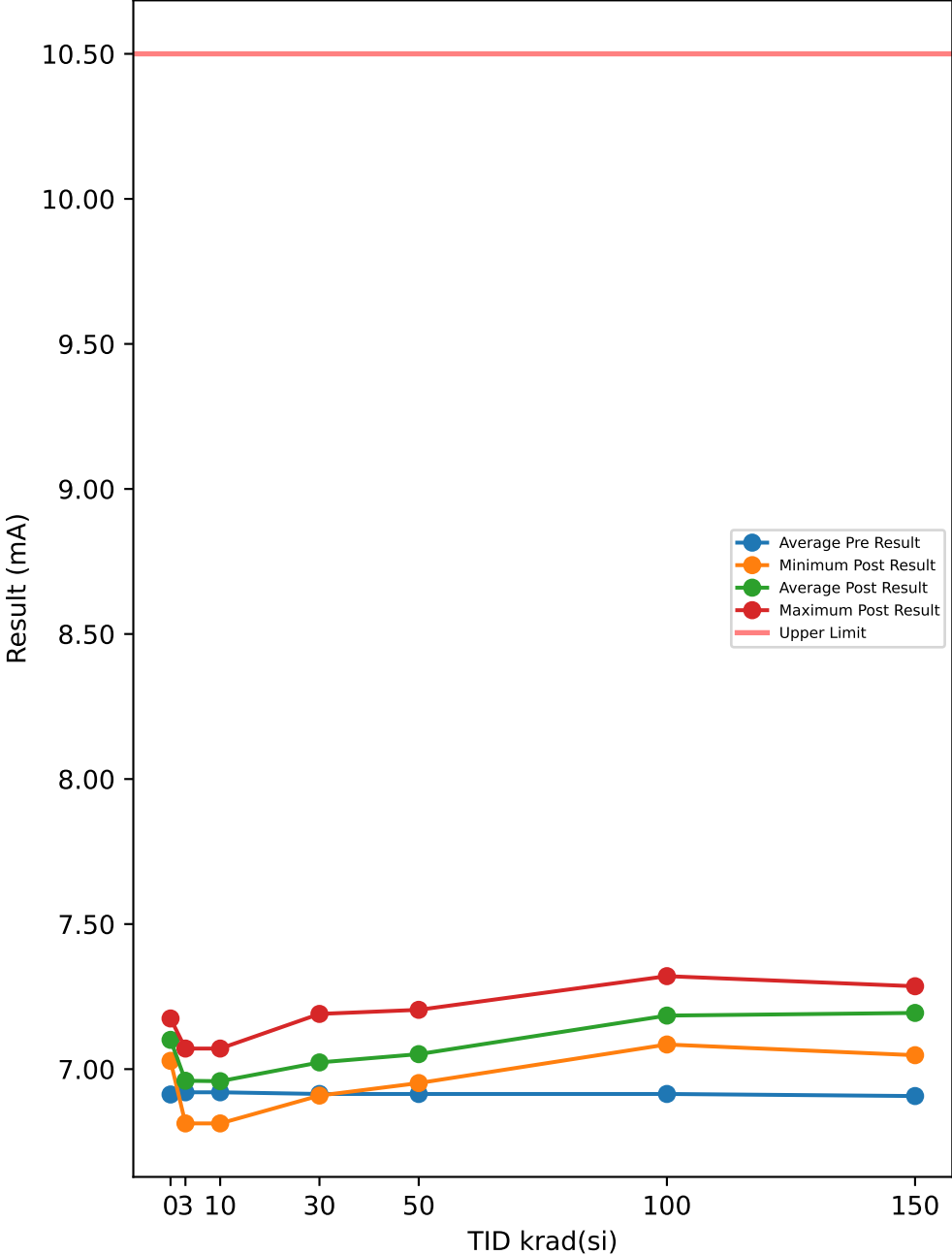
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	10.247	10.566	0.3191
2	0	CORRELATION	10.144	10.478	0.3348
259	3	LDR Biased	10.203	10.219	0.0155
426	3	LDR Biased	10.039	10.066	0.0272
427	3	LDR Biased	10.255	10.295	0.0404
428	3	LDR Biased	10.177	10.206	0.0291
429	3	LDR Unbiased	10.121	10.162	0.0408
430	3	LDR Unbiased	10.265	10.295	0.0297
431	3	LDR Unbiased	10.26	10.286	0.0263
432	3	LDR Unbiased	10.294	10.328	0.0345
433	3	LDR Unbiased	10.26	10.265	0.0054
1259	10	LDR Biased	10.203	10.255	0.0517
1426	10	LDR Biased	10.039	10.059	0.0198
1427	10	LDR Biased	10.255	10.327	0.0717
1428	10	LDR Biased	10.177	10.233	0.0562
1429	10	LDR Unbiased	10.121	10.17	0.0487
1430	10	LDR Unbiased	10.265	10.307	0.0422
1431	10	LDR Unbiased	10.26	10.328	0.0683
1432	10	LDR Unbiased	10.294	10.341	0.0468
1433	10	LDR Unbiased	10.26	10.293	0.0337
2434	30	LDR Biased	10.119	10.295	0.1759
2435	30	LDR Biased	10.164	10.284	0.1201
2436	30	LDR Biased	10.171	10.322	0.1505
2437	30	LDR Biased	10.179	10.306	0.127
2438	30	LDR Biased	10.238	10.359	0.1213
2439	30	LDR Unbiased	10.01	10.136	0.1258
2440	30	LDR Unbiased	10.056	10.183	0.127
2441	30	LDR Unbiased	10.247	10.372	0.1252
2443	30	LDR Unbiased	10.144	10.262	0.1185
2444	30	LDR Unbiased	10.172	10.313	0.1412
3434	50	LDR Biased	10.119	10.34	0.2214
3435	50	LDR Biased	10.164	10.306	0.1412
3436	50	LDR Biased	10.171	10.36	0.1888
3437	50	LDR Biased	10.179	10.366	0.1864
3438	50	LDR Biased	10.238	10.396	0.1577
3439	50	LDR Unbiased	10.01	10.162	0.1514
3440	50	LDR Unbiased	10.056	10.24	0.1838
3441	50	LDR Unbiased	10.247	10.421	0.1739
3443	50	LDR Unbiased	10.144	10.305	0.1612
3444	50	LDR Unbiased	10.172	10.366	0.194
4434	100	LDR Biased	10.119	10.418	0.2992
4435	100	LDR Biased	10.164	10.426	0.2617
4436	100	LDR Biased	10.171	10.456	0.2848
4437	100	LDR Biased	10.179	10.492	0.3125
4438	100	LDR Biased	10.238	10.485	0.2468
4439	100	LDR Unbiased	10.01	10.265	0.2548
4440	100	LDR Unbiased	10.056	10.36	0.3035
4441	100	LDR Unbiased	10.247	10.558	0.311
4443	100	LDR Unbiased	10.144	10.405	0.2617
4444	100	LDR Unbiased	10.172	10.492	0.3202
4500	150	LDR Biased	10.178	10.542	0.3646
4501	150	LDR Biased	10.076	10.381	0.3055
4502	150	LDR Biased	10.081	10.441	0.3602
4503	150	LDR Biased	10.279	10.574	0.2947
4504	150	LDR Biased	10.365	10.797	0.4317
4505	150	LDR Unbiased	10.212	10.585	0.3723
4506	150	LDR Unbiased	10.323	10.6	0.2768
4507	150	LDR Unbiased	10.302	10.685	0.3833
4508	150	LDR Unbiased	10.245	10.679	0.4342
4509	150	LDR Unbiased	10.169	10.606	0.4371

Test Statistics (mA)

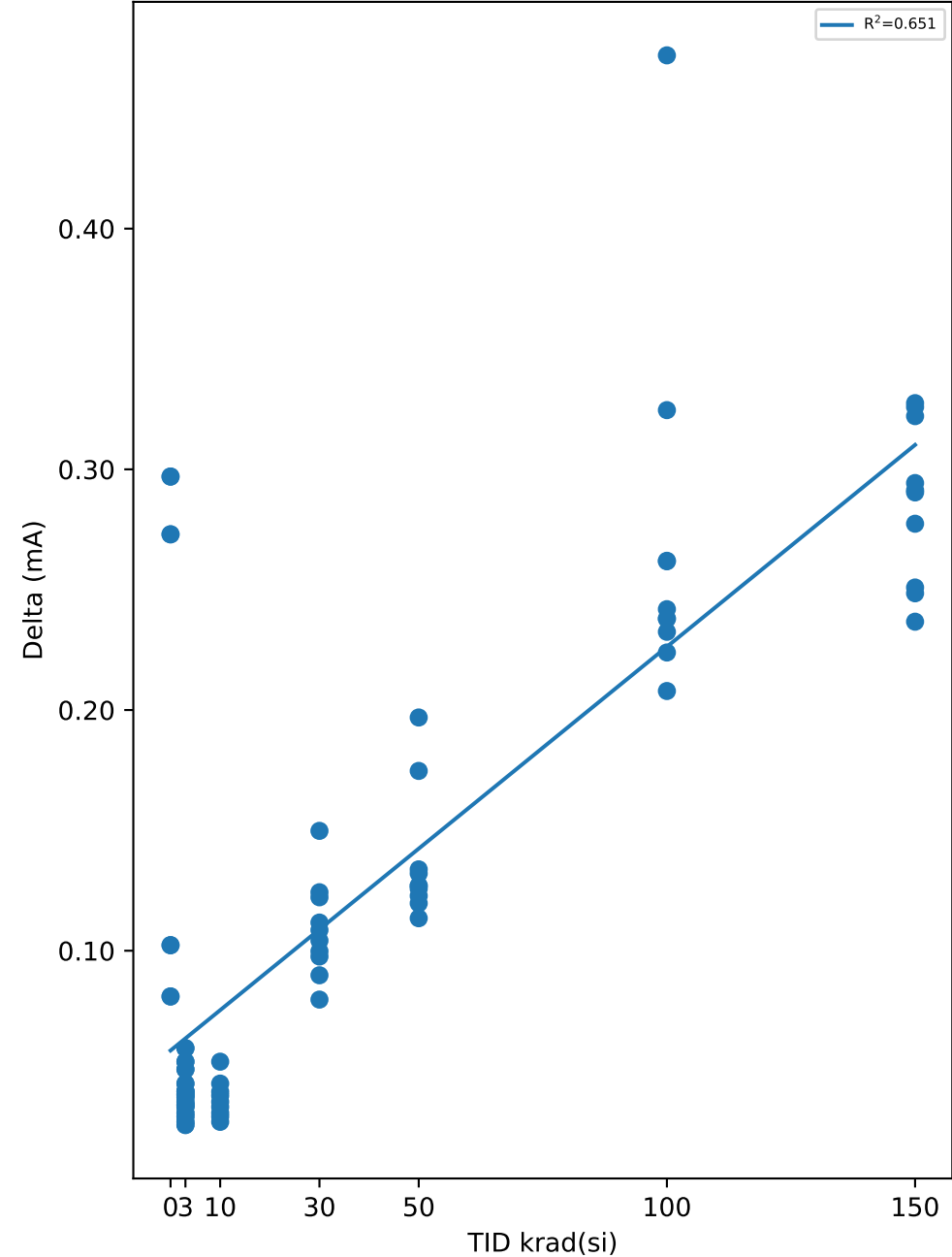
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.144	10.195	10.247	0.072832	10.478	10.522	10.566	0.06173	0.3191	0.32695	0.3348	0.011102
3	10.039	10.208	10.294	0.083074	10.066	10.236	10.328	0.082385	0.0054	0.027656	0.0408	0.011366
10	10.039	10.208	10.294	0.083074	10.059	10.257	10.341	0.092277	0.0198	0.048789	0.0717	0.016142
30	10.01	10.15	10.247	0.073354	10.136	10.283	10.372	0.073653	0.1185	0.13325	0.1759	0.017986
50	10.01	10.15	10.247	0.073354	10.162	10.326	10.421	0.077196	0.1412	0.17598	0.2214	0.023787
100	10.01	10.15	10.247	0.073354	10.265	10.436	10.558	0.081842	0.2468	0.28562	0.3202	0.02722
150	10.076	10.223	10.365	0.098345	10.381	10.589	10.797	0.11949	0.2768	0.36604	0.4371	0.058782

Device Test: 35.19 lop HS BOOT IIM Interlock 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 10.5 (mA))

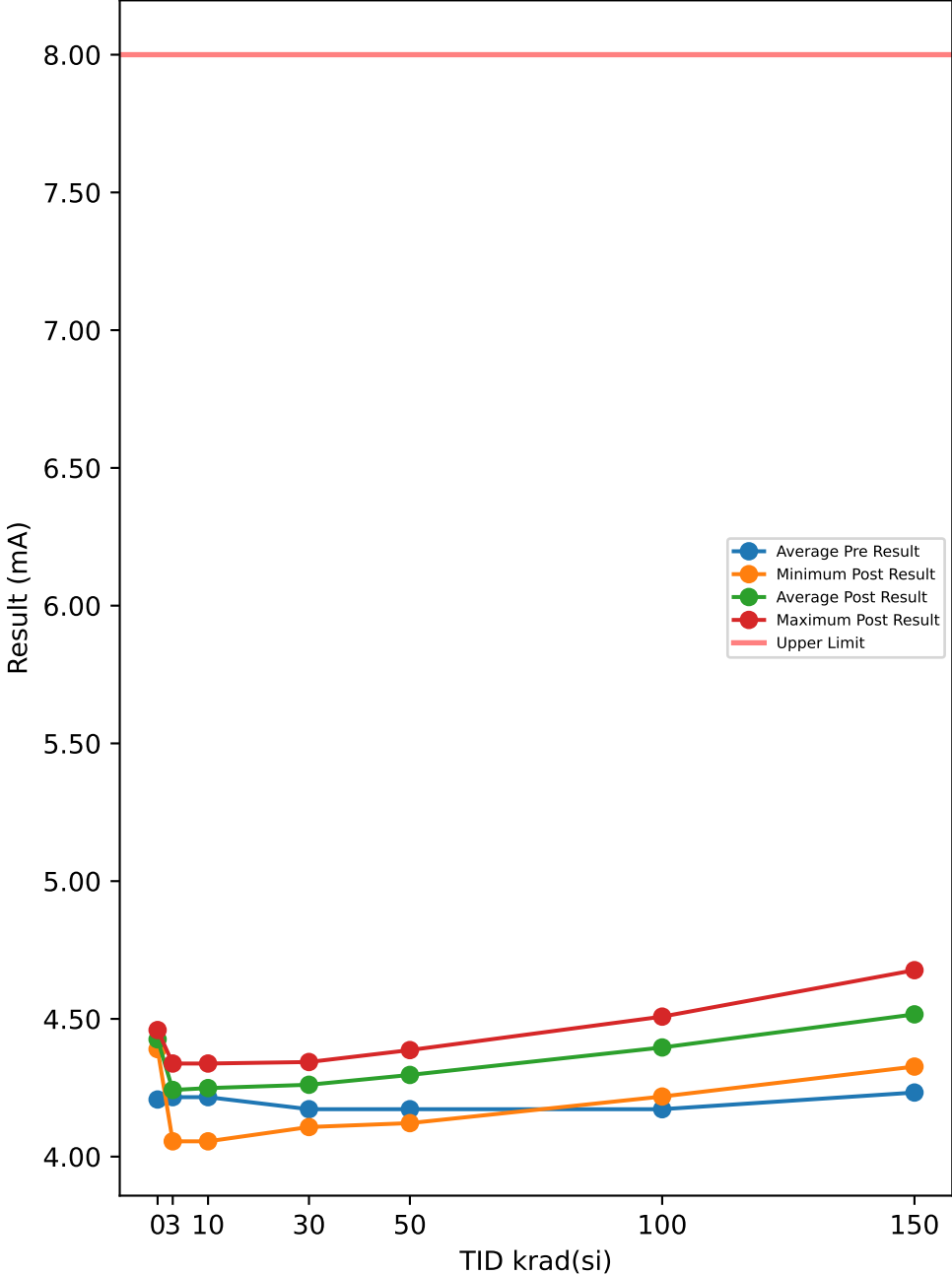
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.9475	7.0498	0.1023
2	0	CORRELATION	6.8776	7.1746	0.297
259	3	LDR Biased	6.886	6.9251	0.0391
426	3	LDR Biased	6.789	6.825	0.036
427	3	LDR Biased	6.9687	7.0104	0.0417
428	3	LDR Biased	6.9811	7.0215	0.0404
429	3	LDR Unbiased	6.7839	6.8243	0.0404
430	3	LDR Unbiased	6.9091	6.9686	0.0595
431	3	LDR Unbiased	7.0021	7.0297	0.0276
432	3	LDR Unbiased	6.9298	6.9805	0.0507
433	3	LDR Unbiased	7.0311	7.0669	0.0358
1259	10	LDR Biased	6.886	6.9308	0.0448
1426	10	LDR Biased	6.789	6.8216	0.0326
1427	10	LDR Biased	6.9687	7.0038	0.0351
1428	10	LDR Biased	6.9811	7.0183	0.0372
1429	10	LDR Unbiased	6.7839	6.8128	0.0289
1430	10	LDR Unbiased	6.9091	6.9505	0.0414
1431	10	LDR Unbiased	7.0021	7.0332	0.0311
1432	10	LDR Unbiased	6.9298	6.9837	0.0539
1433	10	LDR Unbiased	7.0311	7.0709	0.0398
2434	30	LDR Biased	6.8291	6.9088	0.0797
2435	30	LDR Biased	7.0786	7.1903	0.1117
2436	30	LDR Biased	6.8526	6.9524	0.0998
2437	30	LDR Biased	7.0021	7.0997	0.0976
2438	30	LDR Biased	6.8822	7.032	0.1498
2439	30	LDR Unbiased	6.9117	7.0015	0.0898
2440	30	LDR Unbiased	6.8524	6.9566	0.1042
2441	30	LDR Unbiased	6.9475	7.0697	0.1222
2443	30	LDR Unbiased	6.8776	7.0019	0.1243
2444	30	LDR Unbiased	6.9095	7.0181	0.1086
3434	50	LDR Biased	6.8291	6.9519	0.1228
3435	50	LDR Biased	7.0786	7.2044	0.1258
3436	50	LDR Biased	6.8526	6.9847	0.1321
3437	50	LDR Biased	7.0021	7.1156	0.1135
3438	50	LDR Biased	6.8822	7.0791	0.1969
3439	50	LDR Unbiased	6.9117	7.0314	0.1197
3440	50	LDR Unbiased	6.8524	6.9862	0.1338
3441	50	LDR Unbiased	6.9475	7.1222	0.1747
3443	50	LDR Unbiased	6.8776	7.0046	0.127
3444	50	LDR Unbiased	6.9095	7.0365	0.127
4434	100	LDR Biased	6.8291	7.3011	0.472
4435	100	LDR Biased	7.0786	7.3205	0.2419
4436	100	LDR Biased	6.8526	7.0905	0.2379
4437	100	LDR Biased	7.0021	7.2401	0.238
4438	100	LDR Biased	6.8822	7.2068	0.3246
4439	100	LDR Unbiased	6.9117	7.1196	0.2079
4440	100	LDR Unbiased	6.8524	7.0849	0.2325
4441	100	LDR Unbiased	6.9475	7.2095	0.262
4443	100	LDR Unbiased	6.8776	7.1394	0.2618
4444	100	LDR Unbiased	6.9095	7.1334	0.2239
4500	150	LDR Biased	6.8648	7.1869	0.3221
4501	150	LDR Biased	6.7971	7.048	0.2509
4502	150	LDR Biased	6.8996	7.2271	0.3275
4503	150	LDR Biased	6.9369	7.2273	0.2904
4504	150	LDR Biased	6.9457	7.24	0.2943
4505	150	LDR Unbiased	6.9354	7.2267	0.2913
4506	150	LDR Unbiased	6.9019	7.1504	0.2485
4507	150	LDR Unbiased	7.034	7.2707	0.2367
4508	150	LDR Unbiased	7.0083	7.2857	0.2774
4509	150	LDR Unbiased	6.7482	7.0741	0.3259

Test Statistics (mA)

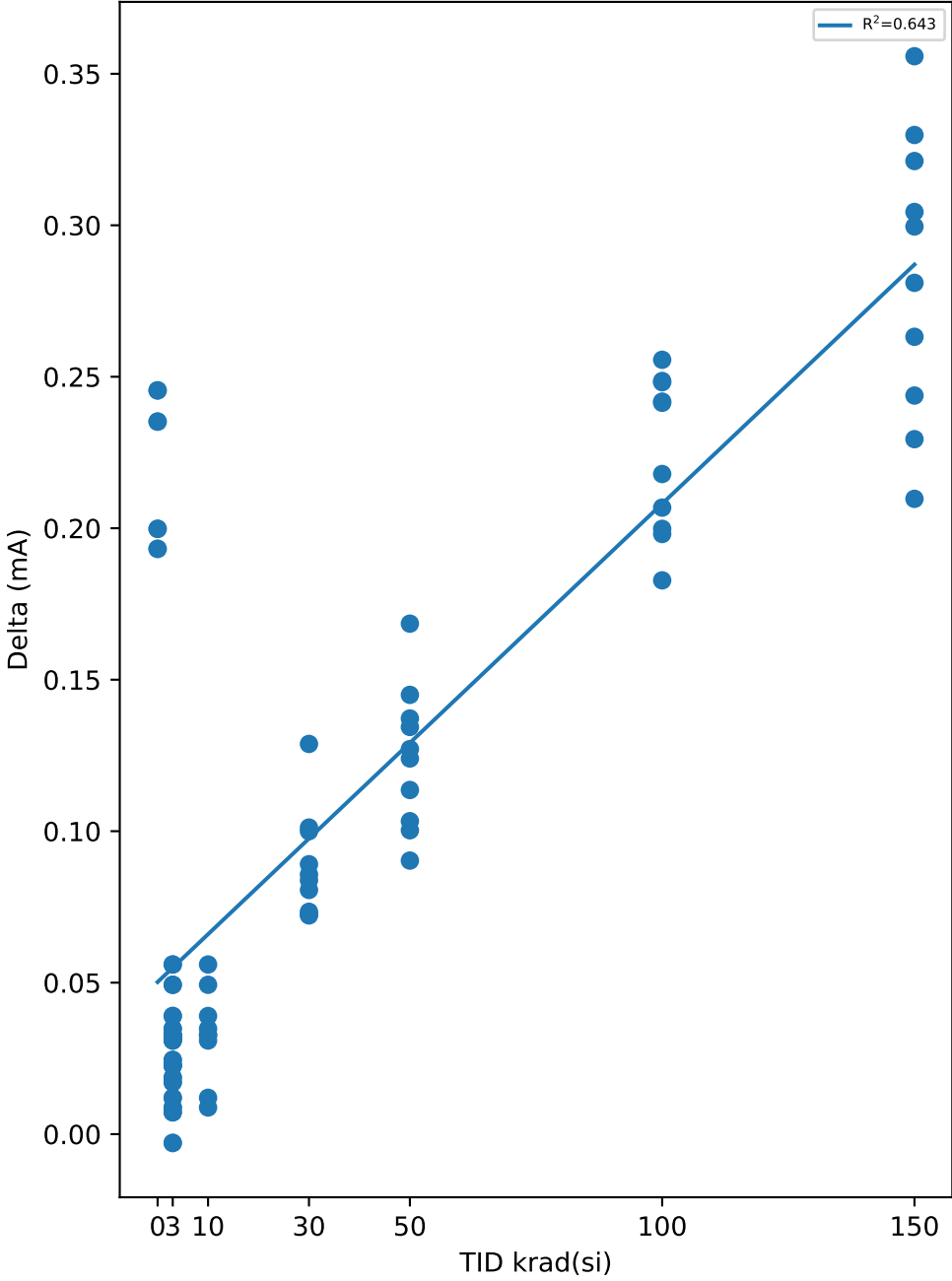
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.8776	6.9125	6.9475	0.049427	7.0498	7.1122	7.1746	0.088247	0.1023	0.19965	0.297	0.13767
3	6.7839	6.9201	7.0311	0.088207	6.8243	6.9613	7.0669	0.087281	0.0276	0.041244	0.0595	0.0091667
10	6.7839	6.9201	7.0311	0.088207	6.8128	6.9584	7.0709	0.090332	0.0289	0.038311	0.0539	0.0077589
30	6.8291	6.9143	7.0786	0.076819	6.9088	7.0231	7.1903	0.081309	0.0797	0.10877	0.1498	0.019846
50	6.8291	6.9143	7.0786	0.076819	6.9519	7.0517	7.2044	0.077976	0.1135	0.13733	0.1969	0.026711
100	6.8291	6.9143	7.0786	0.076819	7.0849	7.1846	7.3205	0.084274	0.2079	0.27025	0.472	0.077566
150	6.7482	6.9072	7.034	0.087398	7.048	7.1937	7.2857	0.079808	0.2367	0.2865	0.3275	0.033123

Device Test: 35.2 Iq LS VIN IIM Interlock VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



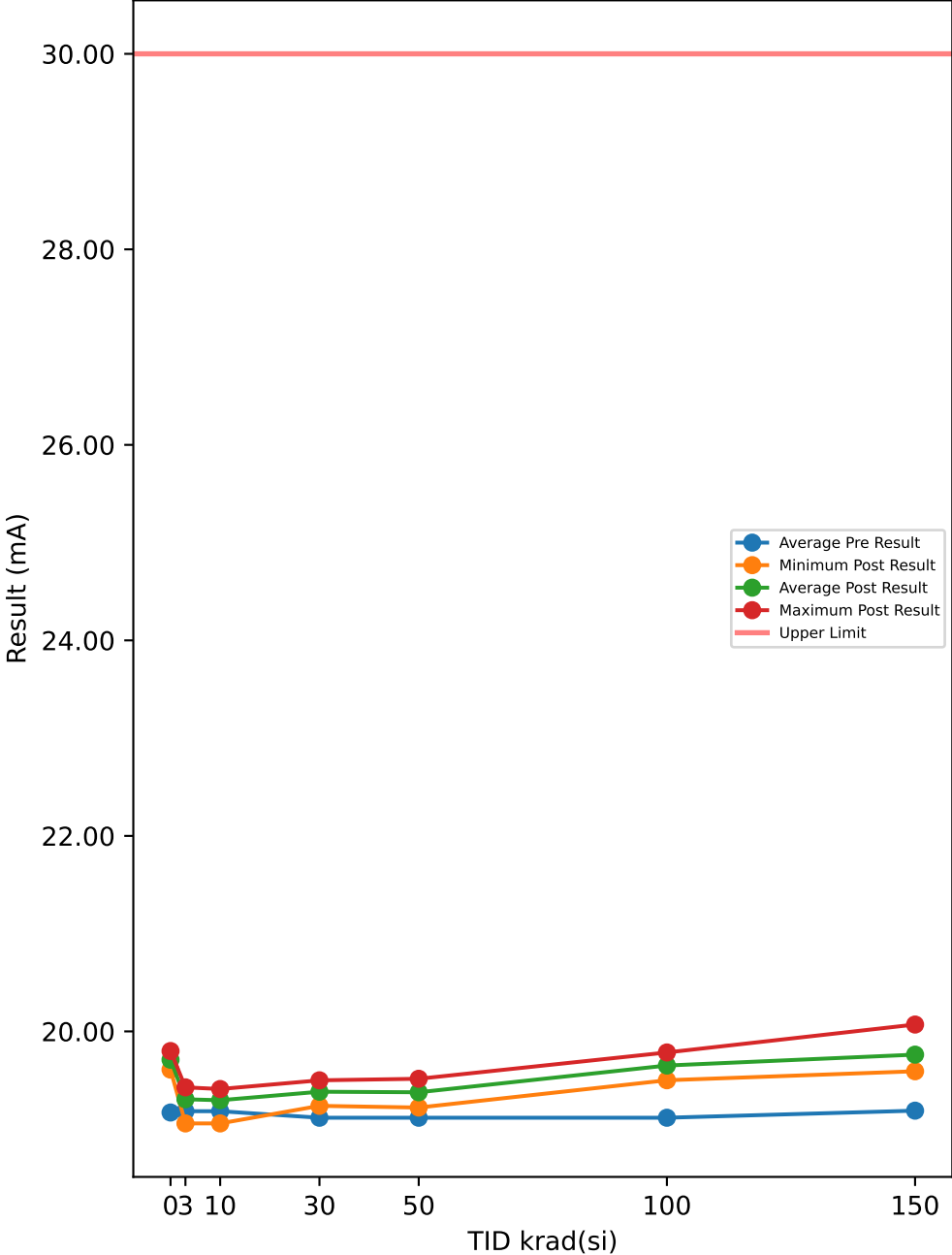
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.2596	4.4594	0.1998
2	0	CORRELATION	4.155	4.4005	0.2455
259	3	LDR Biased	4.1852	4.1924	0.0072
426	3	LDR Biased	4.0467	4.0694	0.0227
427	3	LDR Biased	4.2819	4.3132	0.0313
428	3	LDR Biased	4.1617	4.1804	0.0187
429	3	LDR Unbiased	4.1739	4.2056	0.0317
430	3	LDR Unbiased	4.287	4.3096	0.0226
431	3	LDR Unbiased	4.2667	4.2838	0.0171
432	3	LDR Unbiased	4.2798	4.3043	0.0245
433	3	LDR Unbiased	4.2597	4.2568	-0.0029
1259	10	LDR Biased	4.1852	4.22	0.0348
1426	10	LDR Biased	4.0467	4.0555	0.0088
1427	10	LDR Biased	4.2819	4.3379	0.056
1428	10	LDR Biased	4.1617	4.2007	0.039
1429	10	LDR Unbiased	4.1739	4.2066	0.0327
1430	10	LDR Unbiased	4.287	4.3179	0.0309
1431	10	LDR Unbiased	4.2667	4.316	0.0493
1432	10	LDR Unbiased	4.2798	4.3125	0.0327
1433	10	LDR Unbiased	4.2597	4.2717	0.012
2434	30	LDR Biased	4.1472	4.276	0.1288
2435	30	LDR Biased	4.2051	4.2773	0.0722
2436	30	LDR Biased	4.1753	4.2765	0.1012
2437	30	LDR Biased	4.2384	4.3118	0.0734
2438	30	LDR Biased	4.2393	4.3119	0.0726
2439	30	LDR Unbiased	4.0183	4.1074	0.0891
2440	30	LDR Unbiased	4.1148	4.2005	0.0857
2441	30	LDR Unbiased	4.2596	4.3434	0.0838
2443	30	LDR Unbiased	4.155	4.2356	0.0806
2444	30	LDR Unbiased	4.168	4.268	0.1
3434	50	LDR Biased	4.1472	4.3157	0.1685
3435	50	LDR Biased	4.2051	4.2954	0.0903
3436	50	LDR Biased	4.1753	4.3097	0.1344
3437	50	LDR Biased	4.2384	4.3624	0.124
3438	50	LDR Biased	4.2393	4.3396	0.1003
3439	50	LDR Unbiased	4.0183	4.1216	0.1033
3440	50	LDR Unbiased	4.1148	4.252	0.1372
3441	50	LDR Unbiased	4.2596	4.3867	0.1271
3443	50	LDR Unbiased	4.155	4.2686	0.1136
3444	50	LDR Unbiased	4.168	4.313	0.145
4434	100	LDR Biased	4.1472	4.3886	0.2414
4435	100	LDR Biased	4.2051	4.4032	0.1981
4436	100	LDR Biased	4.1753	4.3932	0.2179
4437	100	LDR Biased	4.2384	4.4802	0.2418
4438	100	LDR Biased	4.2393	4.4221	0.1828
4439	100	LDR Unbiased	4.0183	4.2181	0.1998
4440	100	LDR Unbiased	4.1148	4.363	0.2482
4441	100	LDR Unbiased	4.2596	4.5082	0.2486
4443	100	LDR Unbiased	4.155	4.3618	0.2068
4444	100	LDR Unbiased	4.168	4.4236	0.2556
4500	150	LDR Biased	4.2217	4.5027	0.281
4501	150	LDR Biased	4.0974	4.3268	0.2294
4502	150	LDR Biased	4.0765	4.3397	0.2632
4503	150	LDR Biased	4.2927	4.5024	0.2097
4504	150	LDR Biased	4.3556	4.6768	0.3212
4505	150	LDR Unbiased	4.2284	4.528	0.2996
4506	150	LDR Unbiased	4.3026	4.5464	0.2438
4507	150	LDR Unbiased	4.3266	4.631	0.3044
4508	150	LDR Unbiased	4.2692	4.625	0.3558
4509	150	LDR Unbiased	4.1553	4.4851	0.3298

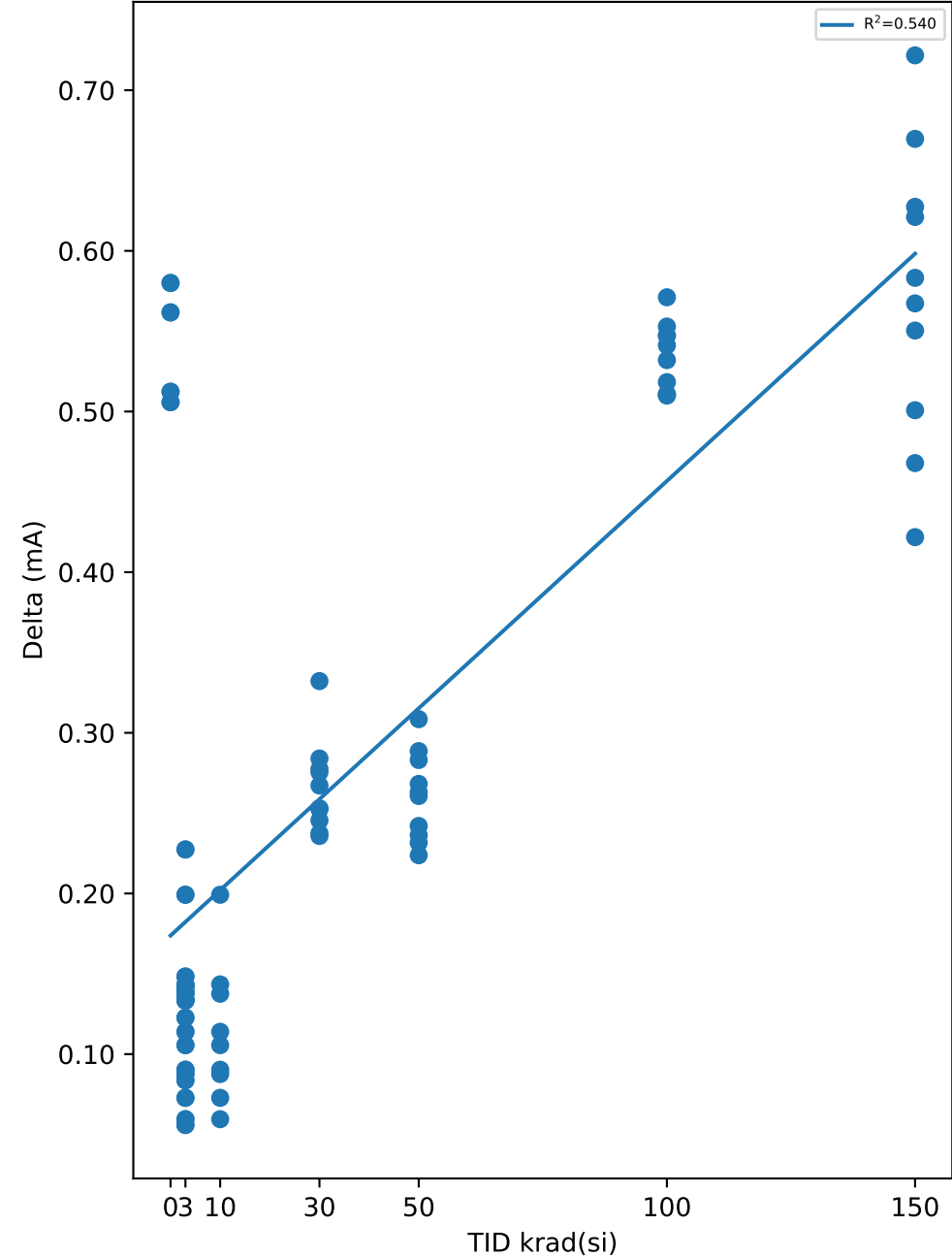
Test Statistics (mA)

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	4.155	4.2073	4.2596	0.073963	4.4005	4.4299	4.4594	0.041649	0.1998	0.22265	0.2455	0.032315
3	4.0467	4.2158	4.287	0.080829	4.0694	4.2351	4.3132	0.08095	-0.0029	0.019211	0.0317	0.011133
10	4.0467	4.2158	4.287	0.080829	4.0555	4.2488	4.3379	0.089513	0.0088	0.032911	0.056	0.015269
30	4.0183	4.1721	4.2596	0.071129	4.1074	4.2608	4.3434	0.067197	0.0722	0.08874	0.1288	0.0175
50	4.0183	4.1721	4.2596	0.071129	4.1216	4.2965	4.3867	0.07341	0.0903	0.12437	0.1685	0.023442
100	4.0183	4.1721	4.2596	0.071129	4.2181	4.3962	4.5082	0.078275	0.1828	0.2241	0.2556	0.026025
150	4.0765	4.2326	4.3556	0.095786	4.3268	4.5164	4.6768	0.11558	0.2097	0.28379	0.3558	0.046969

TID vs Result Stats

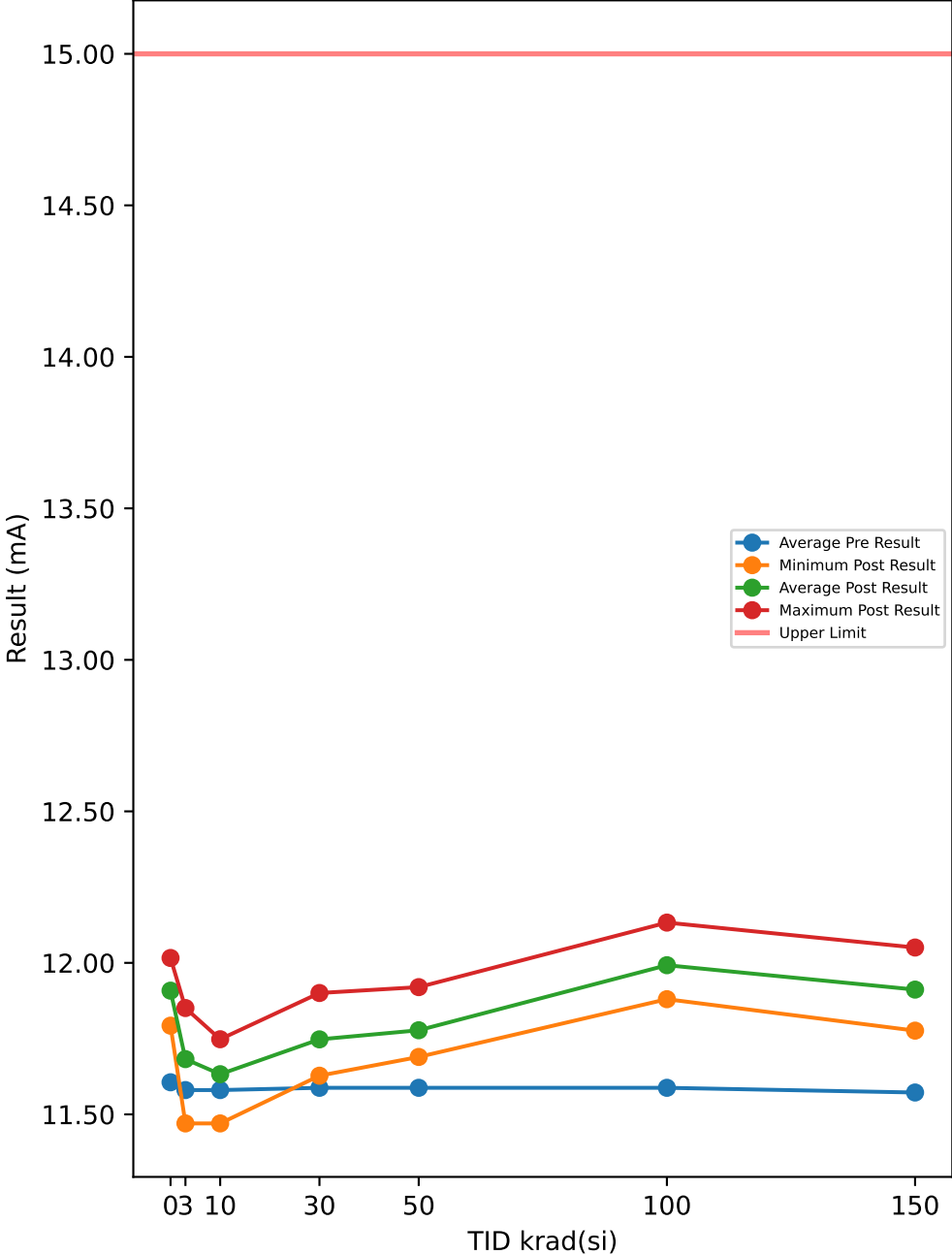


TID vs Post - Pre Exposure Delta

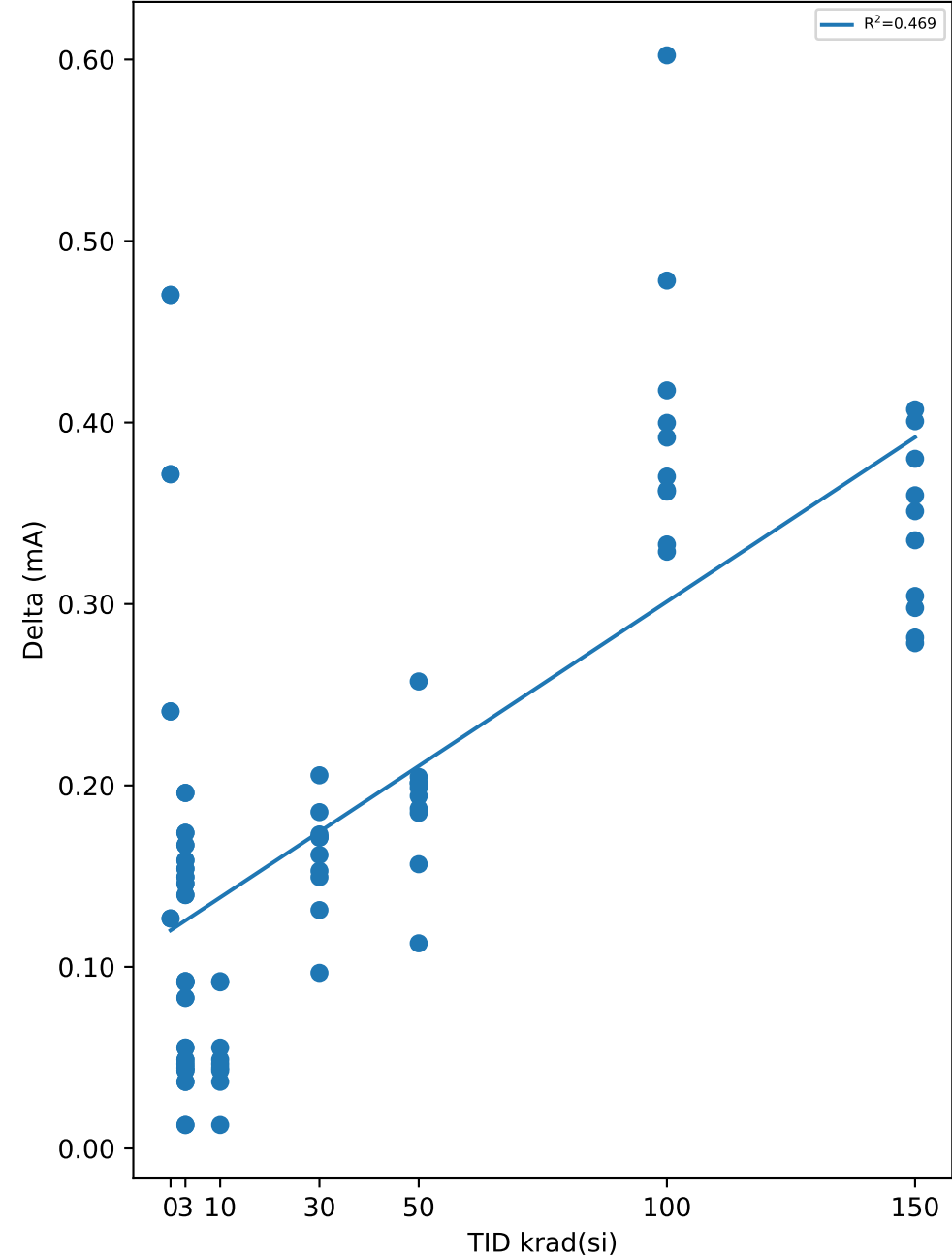


Device Test: 35.21 lop HS BOOT IIM Interlock 5MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 15.0 (mA))

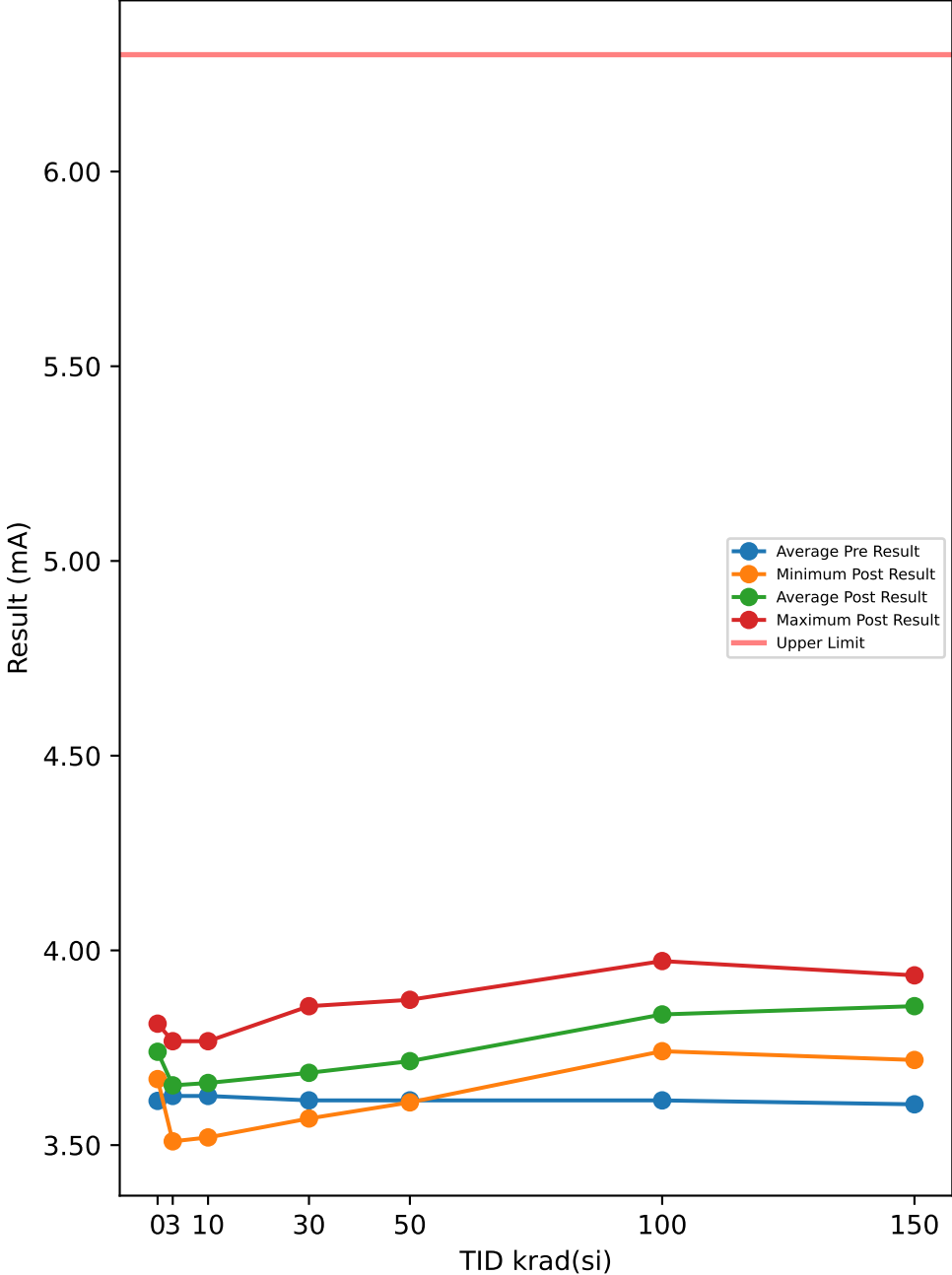
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.666	11.907	0.2408
2	0	CORRELATION	11.546	12.016	0.4703
259	3	LDR Biased	11.617	11.756	0.1396
426	3	LDR Biased	11.43	11.588	0.1587
427	3	LDR Biased	11.567	11.713	0.1459
428	3	LDR Biased	11.597	11.764	0.1671
429	3	LDR Unbiased	11.433	11.588	0.1541
430	3	LDR Unbiased	11.575	11.771	0.1959
431	3	LDR Unbiased	11.712	11.795	0.0829
432	3	LDR Unbiased	11.589	11.763	0.1739
433	3	LDR Unbiased	11.701	11.851	0.1495
1259	10	LDR Biased	11.617	11.661	0.0443
1426	10	LDR Biased	11.43	11.478	0.0489
1427	10	LDR Biased	11.567	11.623	0.0555
1428	10	LDR Biased	11.597	11.69	0.0921
1429	10	LDR Unbiased	11.433	11.47	0.0367
1430	10	LDR Unbiased	11.575	11.618	0.0429
1431	10	LDR Unbiased	11.712	11.725	0.0129
1432	10	LDR Unbiased	11.589	11.681	0.0915
1433	10	LDR Unbiased	11.701	11.748	0.0465
2434	30	LDR Biased	11.496	11.628	0.1313
2435	30	LDR Biased	11.715	11.9	0.1853
2436	30	LDR Biased	11.51	11.681	0.1712
2437	30	LDR Biased	11.726	11.823	0.0967
2438	30	LDR Biased	11.55	11.755	0.2056
2439	30	LDR Unbiased	11.57	11.72	0.1494
2440	30	LDR Unbiased	11.502	11.674	0.1715
2441	30	LDR Unbiased	11.666	11.828	0.1617
2443	30	LDR Unbiased	11.546	11.699	0.1529
2444	30	LDR Unbiased	11.595	11.768	0.173
3434	50	LDR Biased	11.496	11.697	0.2012
3435	50	LDR Biased	11.715	11.92	0.2047
3436	50	LDR Biased	11.51	11.704	0.1942
3437	50	LDR Biased	11.726	11.839	0.113
3438	50	LDR Biased	11.55	11.807	0.2573
3439	50	LDR Unbiased	11.57	11.755	0.1848
3440	50	LDR Unbiased	11.502	11.69	0.1872
3441	50	LDR Unbiased	11.666	11.867	0.2015
3443	50	LDR Unbiased	11.546	11.702	0.1566
3444	50	LDR Unbiased	11.595	11.794	0.1987
4434	100	LDR Biased	11.496	12.099	0.6023
4435	100	LDR Biased	11.715	12.133	0.4177
4436	100	LDR Biased	11.51	11.88	0.3702
4437	100	LDR Biased	11.726	12.059	0.3328
4438	100	LDR Biased	11.55	12.028	0.4782
4439	100	LDR Unbiased	11.57	11.899	0.3288
4440	100	LDR Unbiased	11.502	11.902	0.3998
4441	100	LDR Unbiased	11.666	12.058	0.3917
4443	100	LDR Unbiased	11.546	11.909	0.3627
4444	100	LDR Unbiased	11.595	11.957	0.3619
4500	150	LDR Biased	11.482	11.889	0.4072
4501	150	LDR Biased	11.496	11.777	0.2815
4502	150	LDR Biased	11.559	11.96	0.4007
4503	150	LDR Biased	11.645	11.949	0.3044
4504	150	LDR Biased	11.576	11.935	0.3599
4505	150	LDR Unbiased	11.591	11.926	0.3351
4506	150	LDR Unbiased	11.569	11.867	0.2978
4507	150	LDR Unbiased	11.709	11.987	0.2784
4508	150	LDR Unbiased	11.7	12.051	0.3511
4509	150	LDR Unbiased	11.396	11.776	0.38

Test Statistics (mA)

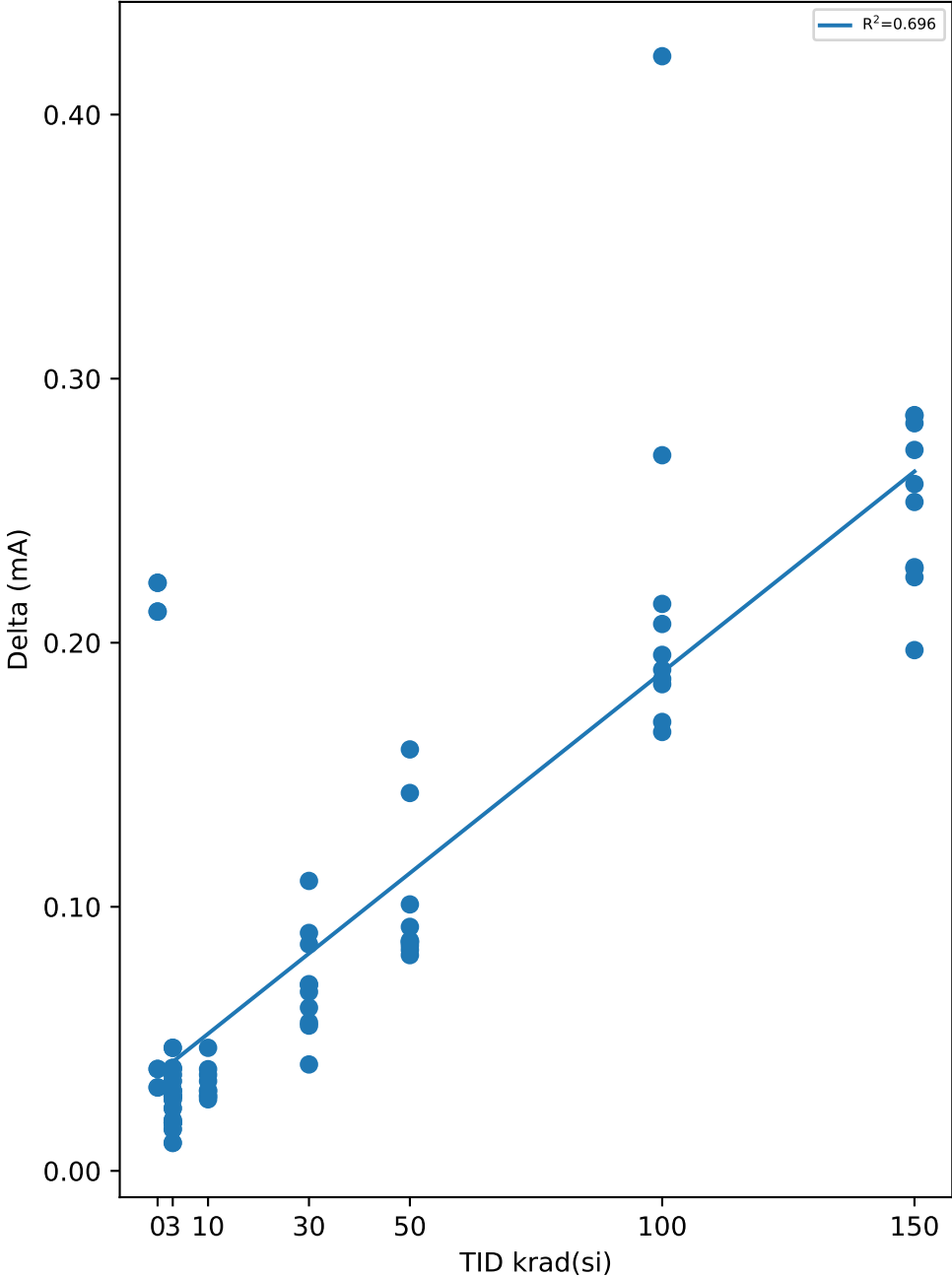
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.546	11.606	11.666	0.084994	11.907	11.961	12.016	0.077287	0.2408	0.35555	0.4703	0.16228
3	11.43	11.58	11.712	0.09888	11.588	11.732	11.851	0.089525	0.0829	0.15196	0.1959	0.030936
10	11.43	11.58	11.712	0.09888	11.47	11.633	11.748	0.099157	0.0129	0.052367	0.0921	0.025308
30	11.496	11.588	11.726	0.08612	11.628	11.747	11.9	0.083878	0.0967	0.15986	0.2056	0.030078
50	11.496	11.588	11.726	0.08612	11.69	11.778	11.92	0.08092	0.113	0.18992	0.2573	0.036781
100	11.496	11.588	11.726	0.08612	11.88	11.992	12.133	0.093486	0.3288	0.40461	0.6023	0.082007
150	11.396	11.572	11.709	0.097548	11.776	11.912	12.051	0.087192	0.2784	0.33961	0.4072	0.047851

Device Test: 35.3 Iq HS BOOT IIM Interlock VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.3 (mA))

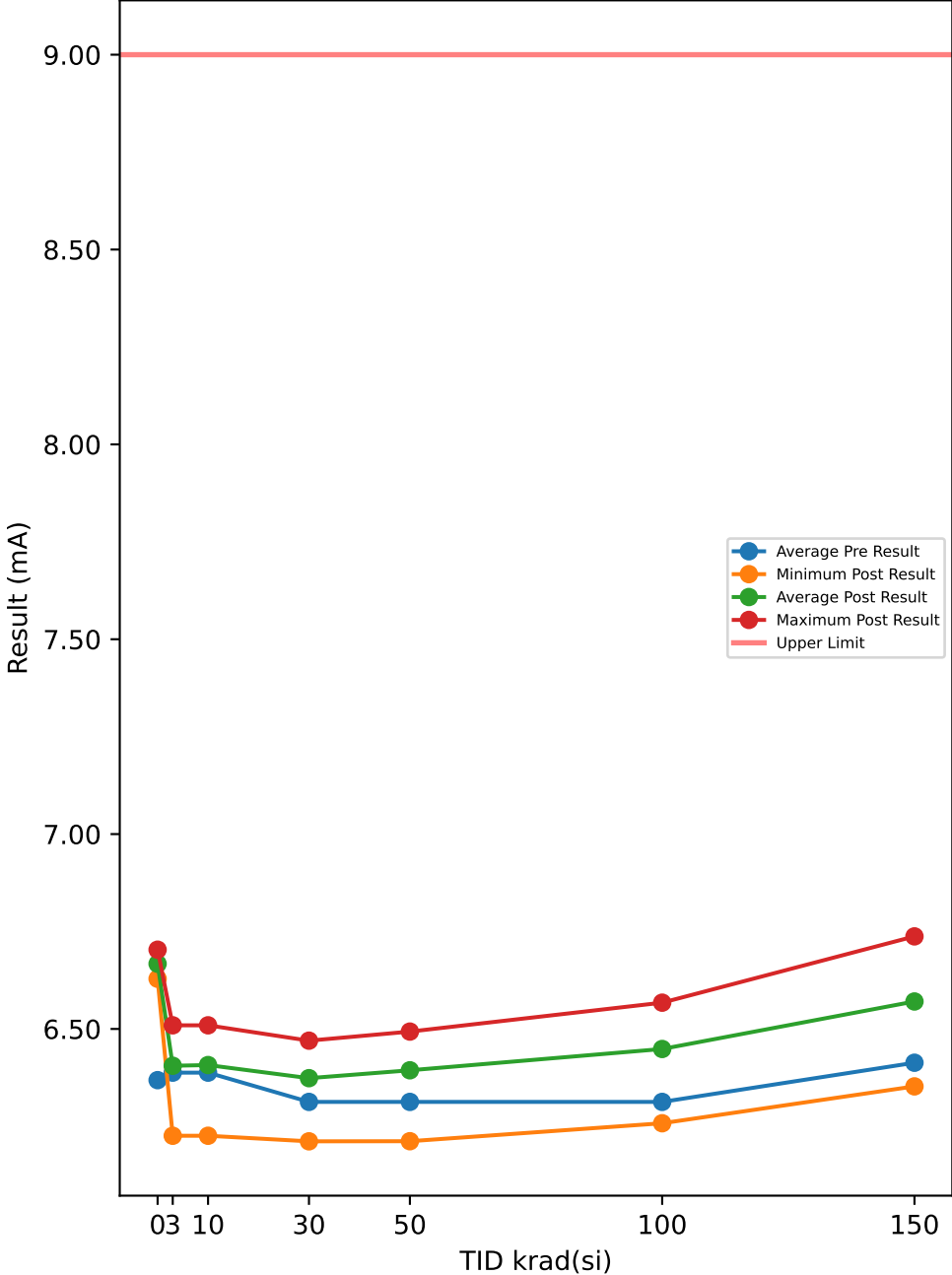
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.6379	3.6765	0.0386
2	0	CORRELATION	3.5891	3.8118	0.2227
259	3	LDR Biased	3.573	3.5922	0.0192
426	3	LDR Biased	3.4915	3.5097	0.0182
427	3	LDR Biased	3.6986	3.7171	0.0185
428	3	LDR Biased	3.7027	3.7208	0.0181
429	3	LDR Unbiased	3.5041	3.5278	0.0237
430	3	LDR Unbiased	3.6079	3.6469	0.039
431	3	LDR Unbiased	3.6901	3.7007	0.0106
432	3	LDR Unbiased	3.635	3.6631	0.0281
433	3	LDR Unbiased	3.7328	3.7486	0.0158
1259	10	LDR Biased	3.573	3.6115	0.0385
1426	10	LDR Biased	3.4915	3.5197	0.0282
1427	10	LDR Biased	3.6986	3.7257	0.0271
1428	10	LDR Biased	3.7027	3.7329	0.0302
1429	10	LDR Unbiased	3.5041	3.5326	0.0285
1430	10	LDR Unbiased	3.6079	3.6443	0.0364
1431	10	LDR Unbiased	3.6901	3.7206	0.0305
1432	10	LDR Unbiased	3.635	3.6816	0.0466
1433	10	LDR Unbiased	3.7328	3.7668	0.034
2434	30	LDR Biased	3.528	3.5683	0.0403
2435	30	LDR Biased	3.7863	3.8567	0.0704
2436	30	LDR Biased	3.5581	3.6143	0.0562
2437	30	LDR Biased	3.6982	3.76	0.0618
2438	30	LDR Biased	3.5907	3.7005	0.1098
2439	30	LDR Unbiased	3.6167	3.6717	0.055
2440	30	LDR Unbiased	3.5513	3.6191	0.0678
2441	30	LDR Unbiased	3.6379	3.728	0.0901
2443	30	LDR Unbiased	3.5891	3.6749	0.0858
2444	30	LDR Unbiased	3.5919	3.6626	0.0707
3434	50	LDR Biased	3.528	3.6097	0.0817
3435	50	LDR Biased	3.7863	3.8731	0.0868
3436	50	LDR Biased	3.5581	3.6505	0.0924
3437	50	LDR Biased	3.6982	3.7835	0.0853
3438	50	LDR Biased	3.5907	3.7503	0.1596
3439	50	LDR Unbiased	3.6167	3.7004	0.0837
3440	50	LDR Unbiased	3.5513	3.6522	0.1009
3441	50	LDR Unbiased	3.6379	3.781	0.1431
3443	50	LDR Unbiased	3.5891	3.6756	0.0865
3444	50	LDR Unbiased	3.5919	3.6791	0.0872
4434	100	LDR Biased	3.528	3.9501	0.4221
4435	100	LDR Biased	3.7863	3.9726	0.1863
4436	100	LDR Biased	3.5581	3.7424	0.1843
4437	100	LDR Biased	3.6982	3.8936	0.1954
4438	100	LDR Biased	3.5907	3.8617	0.271
4439	100	LDR Unbiased	3.6167	3.7829	0.1662
4440	100	LDR Unbiased	3.5513	3.7411	0.1898
4441	100	LDR Unbiased	3.6379	3.8526	0.2147
4443	100	LDR Unbiased	3.5891	3.7962	0.2071
4444	100	LDR Unbiased	3.5919	3.7619	0.17
4500	150	LDR Biased	3.5785	3.8647	0.2862
4501	150	LDR Biased	3.4938	3.7186	0.2248
4502	150	LDR Biased	3.5891	3.8722	0.2831
4503	150	LDR Biased	3.6244	3.8777	0.2533
4504	150	LDR Biased	3.6406	3.9007	0.2601
4505	150	LDR Unbiased	3.627	3.9	0.273
4506	150	LDR Unbiased	3.5879	3.816	0.2281
4507	150	LDR Unbiased	3.7387	3.9359	0.1972
4508	150	LDR Unbiased	3.7072	3.9358	0.2286
4509	150	LDR Unbiased	3.4602	3.7462	0.286

Test Statistics (mA)

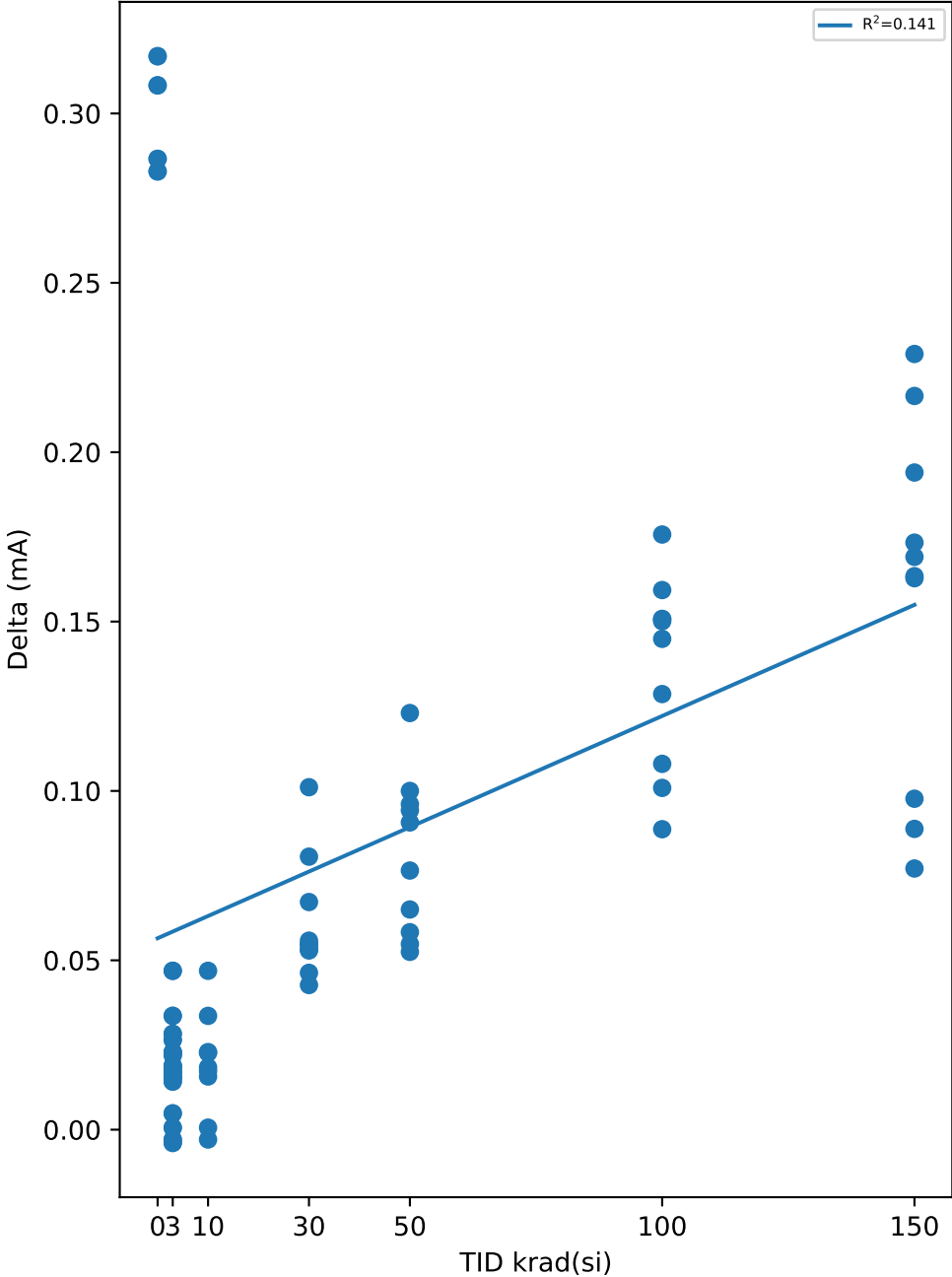
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5891	3.6135	3.6379	0.034507	3.6765	3.7441	3.8118	0.095672	0.0386	0.13065	0.2227	0.13018
3	3.4915	3.6262	3.7328	0.088626	3.5097	3.6474	3.7486	0.086521	0.0106	0.021244	0.039	0.0082318
10	3.4915	3.6262	3.7328	0.088626	3.5197	3.6595	3.7668	0.089224	0.0271	0.033333	0.0466	0.0063143
30	3.528	3.6148	3.7863	0.077066	3.5683	3.6856	3.8567	0.082282	0.0403	0.07079	0.1098	0.020005
50	3.528	3.6148	3.7863	0.077066	3.6097	3.7155	3.8731	0.079954	0.0817	0.10072	0.1596	0.027488
100	3.528	3.6148	3.7863	0.077066	3.7411	3.8355	3.9726	0.084058	0.1662	0.22069	0.4221	0.076708
150	3.4602	3.6047	3.7387	0.085002	3.7186	3.8568	3.9359	0.074553	0.1972	0.25204	0.2862	0.031025

Device Test: 35.6 lop LS VIN PWM 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 9.0 (mA))

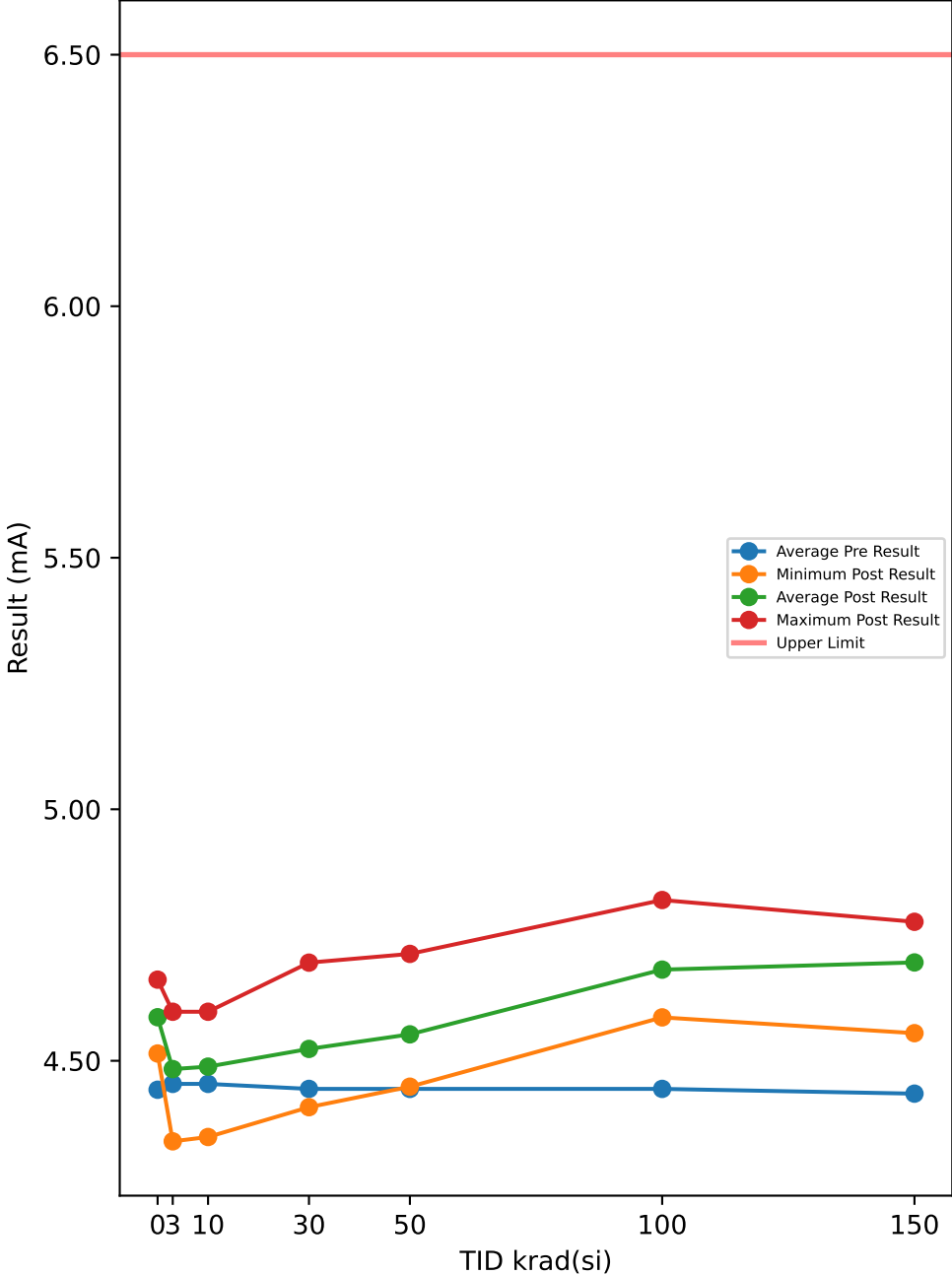
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.4167	6.7033	0.2866
2	0	CORRELATION	6.3205	6.6374	0.3169
259	3	LDR Biased	6.369	6.3738	0.0048
426	3	LDR Biased	6.2288	6.2456	0.0168
427	3	LDR Biased	6.4624	6.4907	0.0283
428	3	LDR Biased	6.3813	6.3966	0.0153
429	3	LDR Unbiased	6.3235	6.35	0.0265
430	3	LDR Unbiased	6.4587	6.4776	0.0189
431	3	LDR Unbiased	6.4225	6.4367	0.0142
432	3	LDR Unbiased	6.4631	6.4851	0.022
433	3	LDR Unbiased	6.3813	6.3774	-0.0039
1259	10	LDR Biased	6.369	6.3917	0.0227
1426	10	LDR Biased	6.2288	6.2259	-0.0029
1427	10	LDR Biased	6.4624	6.5093	0.0469
1428	10	LDR Biased	6.3813	6.4042	0.0229
1429	10	LDR Unbiased	6.3235	6.3419	0.0184
1430	10	LDR Unbiased	6.4587	6.4744	0.0157
1431	10	LDR Unbiased	6.4225	6.4561	0.0336
1432	10	LDR Unbiased	6.4631	6.4804	0.0173
1433	10	LDR Unbiased	6.3813	6.3819	0.0006
2434	30	LDR Biased	6.2722	6.3733	0.1011
2435	30	LDR Biased	6.3176	6.3705	0.0529
2436	30	LDR Biased	6.333	6.4136	0.0806
2437	30	LDR Biased	6.3367	6.3925	0.0558
2438	30	LDR Biased	6.4082	6.4509	0.0427
2439	30	LDR Unbiased	6.1571	6.2116	0.0545
2440	30	LDR Unbiased	6.2338	6.2886	0.0548
2441	30	LDR Unbiased	6.4167	6.4699	0.0532
2443	30	LDR Unbiased	6.3205	6.3668	0.0463
2444	30	LDR Unbiased	6.3319	6.3991	0.0672
3434	50	LDR Biased	6.2722	6.3952	0.123
3435	50	LDR Biased	6.3176	6.3759	0.0583
3436	50	LDR Biased	6.333	6.433	0.1
3437	50	LDR Biased	6.3367	6.431	0.0943
3438	50	LDR Biased	6.4082	6.4607	0.0525
3439	50	LDR Unbiased	6.1571	6.2119	0.0548
3440	50	LDR Unbiased	6.2338	6.3245	0.0907
3441	50	LDR Unbiased	6.4167	6.4932	0.0765
3443	50	LDR Unbiased	6.3205	6.3855	0.065
3444	50	LDR Unbiased	6.3319	6.428	0.0961
4434	100	LDR Biased	6.2722	6.4223	0.1501
4435	100	LDR Biased	6.3176	6.4462	0.1286
4436	100	LDR Biased	6.333	6.4779	0.1449
4437	100	LDR Biased	6.3367	6.5124	0.1757
4438	100	LDR Biased	6.4082	6.4969	0.0887
4439	100	LDR Unbiased	6.1571	6.258	0.1009
4440	100	LDR Unbiased	6.2338	6.3846	0.1508
4441	100	LDR Unbiased	6.4167	6.5674	0.1507
4443	100	LDR Unbiased	6.3205	6.4285	0.108
4444	100	LDR Unbiased	6.3319	6.4912	0.1593
4500	150	LDR Biased	6.3794	6.5527	0.1733
4501	150	LDR Biased	6.2549	6.3526	0.0977
4502	150	LDR Biased	6.2279	6.3907	0.1628
4503	150	LDR Biased	6.4685	6.5456	0.0771
4504	150	LDR Biased	6.5085	6.7375	0.229
4505	150	LDR Unbiased	6.4024	6.5658	0.1634
4506	150	LDR Unbiased	6.5035	6.5923	0.0888
4507	150	LDR Unbiased	6.528	6.6971	0.1691
4508	150	LDR Unbiased	6.4687	6.6853	0.2166
4509	150	LDR Unbiased	6.3908	6.5848	0.194

Test Statistics (mA)

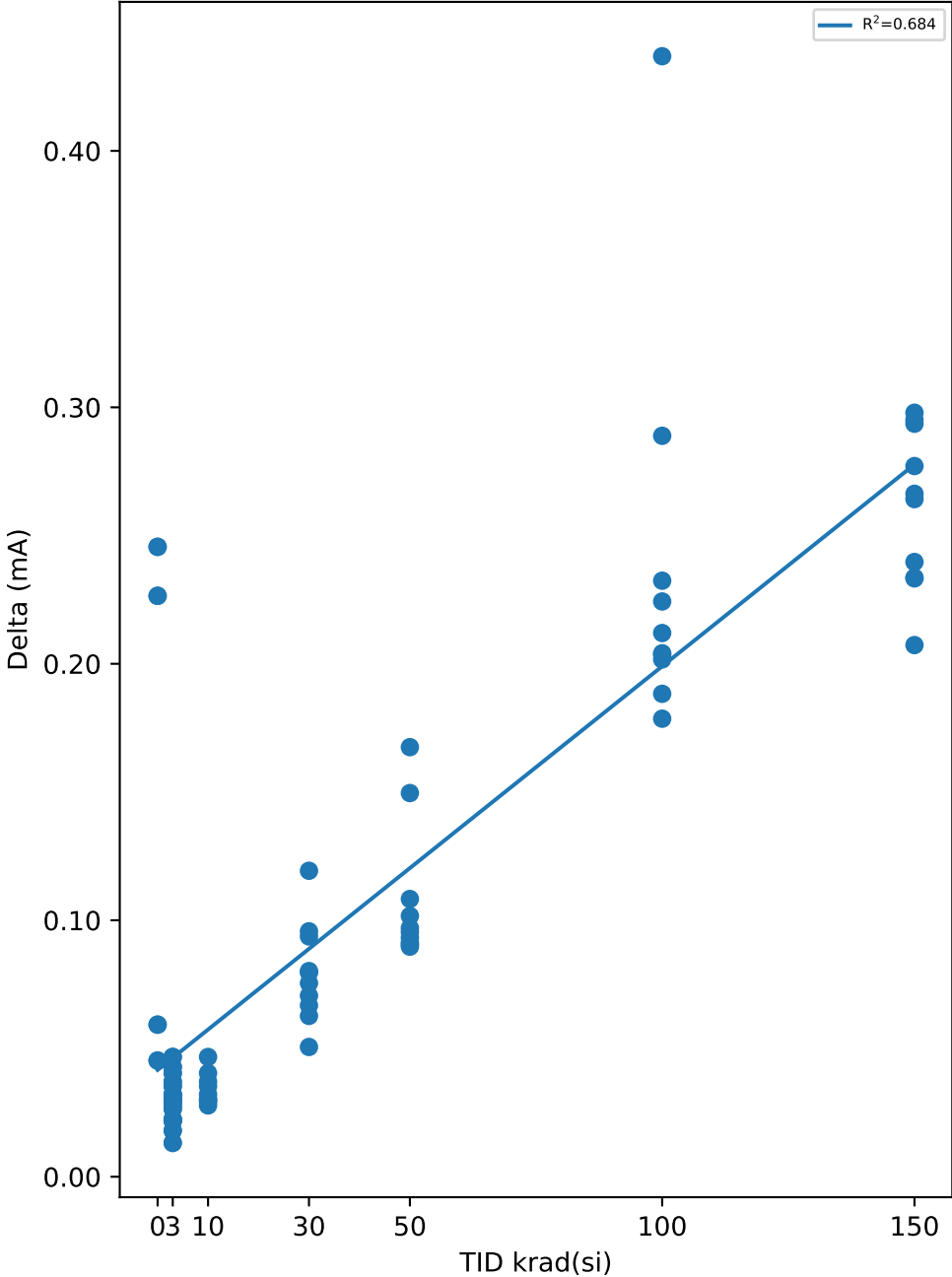
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.3205	6.3686	6.4167	0.068024	6.6374	6.6704	6.7033	0.046598	0.2866	0.30175	0.3169	0.021425
3	6.2288	6.3878	6.4631	0.076909	6.2456	6.4037	6.4907	0.079263	-0.0039	0.015878	0.0283	0.010196
10	6.2288	6.3878	6.4631	0.076909	6.2259	6.4073	6.5093	0.087115	-0.0029	0.019467	0.0469	0.01521
30	6.1571	6.3128	6.4167	0.077068	6.2116	6.3737	6.4699	0.075558	0.0427	0.06091	0.1011	0.017688
50	6.1571	6.3128	6.4167	0.077068	6.2119	6.3939	6.4932	0.079392	0.0525	0.08112	0.123	0.023367
100	6.1571	6.3128	6.4167	0.077068	6.258	6.4485	6.5674	0.084798	0.0887	0.13577	0.1757	0.028166
150	6.2279	6.4133	6.528	0.10419	6.3526	6.5704	6.7375	0.12407	0.0771	0.15718	0.229	0.052855

Device Test: 35.7 lop HS BOOT PWM 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.5 (mA))

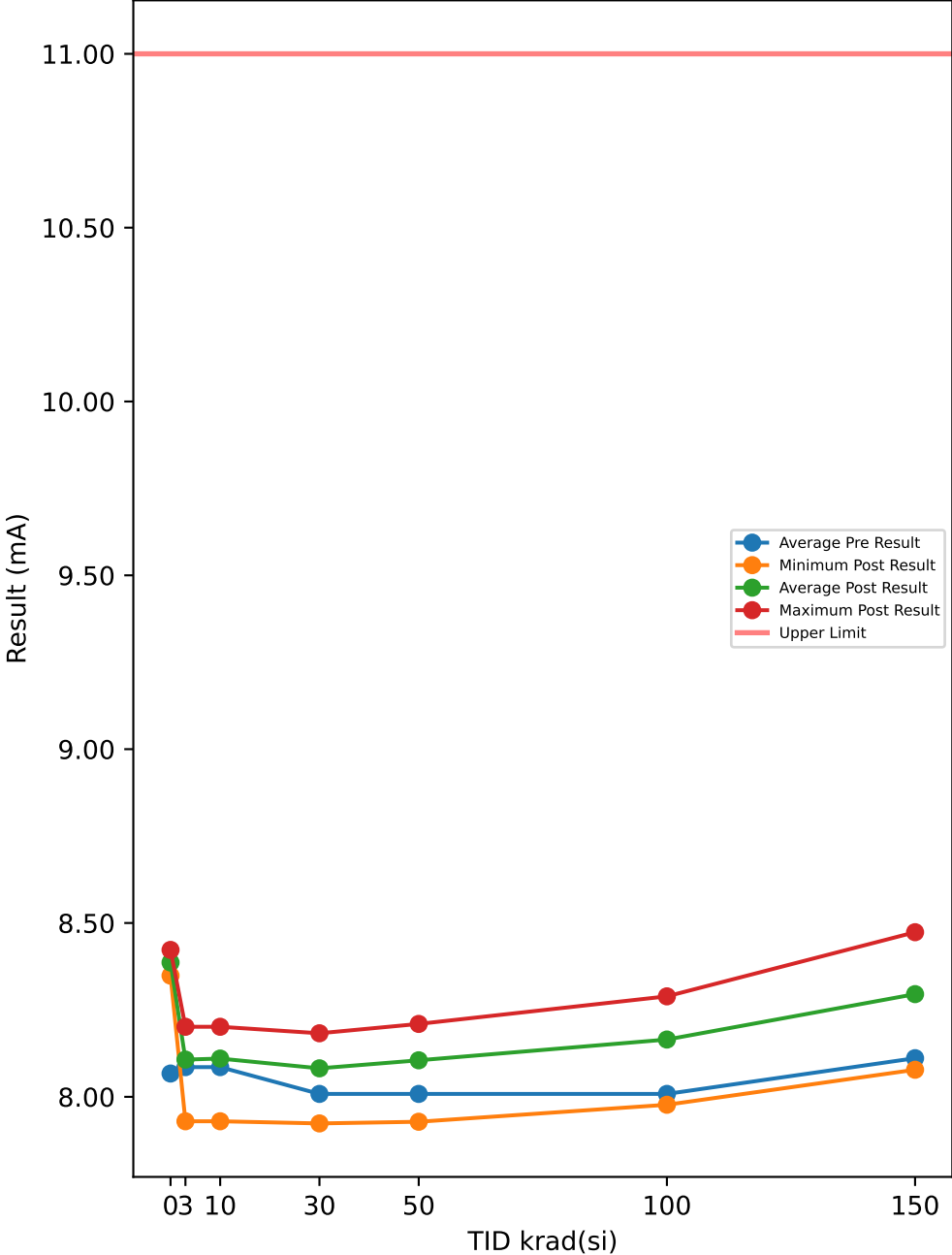
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.4692	4.5285	0.0593
2	0	CORRELATION	4.4157	4.6613	0.2456
259	3	LDR Biased	4.4056	4.4279	0.0223
426	3	LDR Biased	4.3181	4.3399	0.0218
427	3	LDR Biased	4.5214	4.5437	0.0223
428	3	LDR Biased	4.5279	4.5498	0.0219
429	3	LDR Unbiased	4.3281	4.3545	0.0264
430	3	LDR Unbiased	4.4383	4.4811	0.0428
431	3	LDR Unbiased	4.5208	4.534	0.0132
432	3	LDR Unbiased	4.4643	4.4963	0.032
433	3	LDR Unbiased	4.5622	4.5802	0.018
1259	10	LDR Biased	4.4056	4.446	0.0404
1426	10	LDR Biased	4.3181	4.3485	0.0304
1427	10	LDR Biased	4.5214	4.5492	0.0278
1428	10	LDR Biased	4.5279	4.56	0.0321
1429	10	LDR Unbiased	4.3281	4.3573	0.0292
1430	10	LDR Unbiased	4.4383	4.4754	0.0371
1431	10	LDR Unbiased	4.5208	4.5505	0.0297
1432	10	LDR Unbiased	4.4643	4.511	0.0467
1433	10	LDR Unbiased	4.5622	4.5975	0.0353
2434	30	LDR Biased	4.3572	4.4078	0.0506
2435	30	LDR Biased	4.6155	4.6951	0.0796
2436	30	LDR Biased	4.3846	4.4514	0.0668
2437	30	LDR Biased	4.5287	4.5993	0.0706
2438	30	LDR Biased	4.4169	4.5362	0.1193
2439	30	LDR Unbiased	4.4456	4.5083	0.0627
2440	30	LDR Unbiased	4.3832	4.4587	0.0755
2441	30	LDR Unbiased	4.4692	4.5649	0.0957
2443	30	LDR Unbiased	4.4157	4.5094	0.0937
2444	30	LDR Unbiased	4.4248	4.505	0.0802
3434	50	LDR Biased	4.3572	4.4485	0.0913
3435	50	LDR Biased	4.6155	4.7125	0.097
3436	50	LDR Biased	4.3846	4.4863	0.1017
3437	50	LDR Biased	4.5287	4.6192	0.0905
3438	50	LDR Biased	4.4169	4.5844	0.1675
3439	50	LDR Unbiased	4.4456	4.5353	0.0897
3440	50	LDR Unbiased	4.3832	4.4915	0.1083
3441	50	LDR Unbiased	4.4692	4.6188	0.1496
3443	50	LDR Unbiased	4.4157	4.5089	0.0932
3444	50	LDR Unbiased	4.4248	4.5202	0.0954
4434	100	LDR Biased	4.3572	4.7941	0.4369
4435	100	LDR Biased	4.6155	4.8196	0.2041
4436	100	LDR Biased	4.3846	4.5863	0.2017
4437	100	LDR Biased	4.5287	4.7407	0.212
4438	100	LDR Biased	4.4169	4.7058	0.2889
4439	100	LDR Unbiased	4.4456	4.6242	0.1786
4440	100	LDR Unbiased	4.3832	4.5868	0.2036
4441	100	LDR Unbiased	4.4692	4.7016	0.2324
4443	100	LDR Unbiased	4.4157	4.64	0.2243
4444	100	LDR Unbiased	4.4248	4.6131	0.1883
4500	150	LDR Biased	4.4034	4.6985	0.2951
4501	150	LDR Biased	4.3213	4.5549	0.2336
4502	150	LDR Biased	4.4223	4.7159	0.2936
4503	150	LDR Biased	4.4576	4.7218	0.2642
4504	150	LDR Biased	4.4738	4.7401	0.2663
4505	150	LDR Unbiased	4.4592	4.7363	0.2771
4506	150	LDR Unbiased	4.4215	4.6548	0.2333
4507	150	LDR Unbiased	4.5658	4.7731	0.2073
4508	150	LDR Unbiased	4.5366	4.7763	0.2397
4509	150	LDR Unbiased	4.2853	4.5832	0.2979

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	4.4157	4.4425	4.4692	0.03783	4.5285	4.5949	4.6613	0.093904	0.0593	0.15245	0.2456	0.13173
3	4.3181	4.4541	4.5622	0.088874	4.3399	4.4786	4.5802	0.086767	0.0132	0.024522	0.0428	0.0085762
10	4.3181	4.4541	4.5622	0.088874	4.3485	4.4884	4.5975	0.089316	0.0278	0.0343	0.0467	0.0062177
30	4.3572	4.4441	4.6155	0.077379	4.4078	4.5236	4.6951	0.082073	0.0506	0.07947	0.1193	0.019501
50	4.3572	4.4441	4.6155	0.077379	4.4485	4.5526	4.7125	0.080015	0.0897	0.10842	0.1675	0.027341
100	4.3572	4.4441	4.6155	0.077379	4.5863	4.6812	4.8196	0.084304	0.1786	0.23708	0.4369	0.076512
150	4.2853	4.4347	4.5658	0.086095	4.5549	4.6955	4.7763	0.07554	0.2073	0.26081	0.2979	0.031162

Device Test: 35.8 lop LS VIN PWM 1MHz VIN_10V

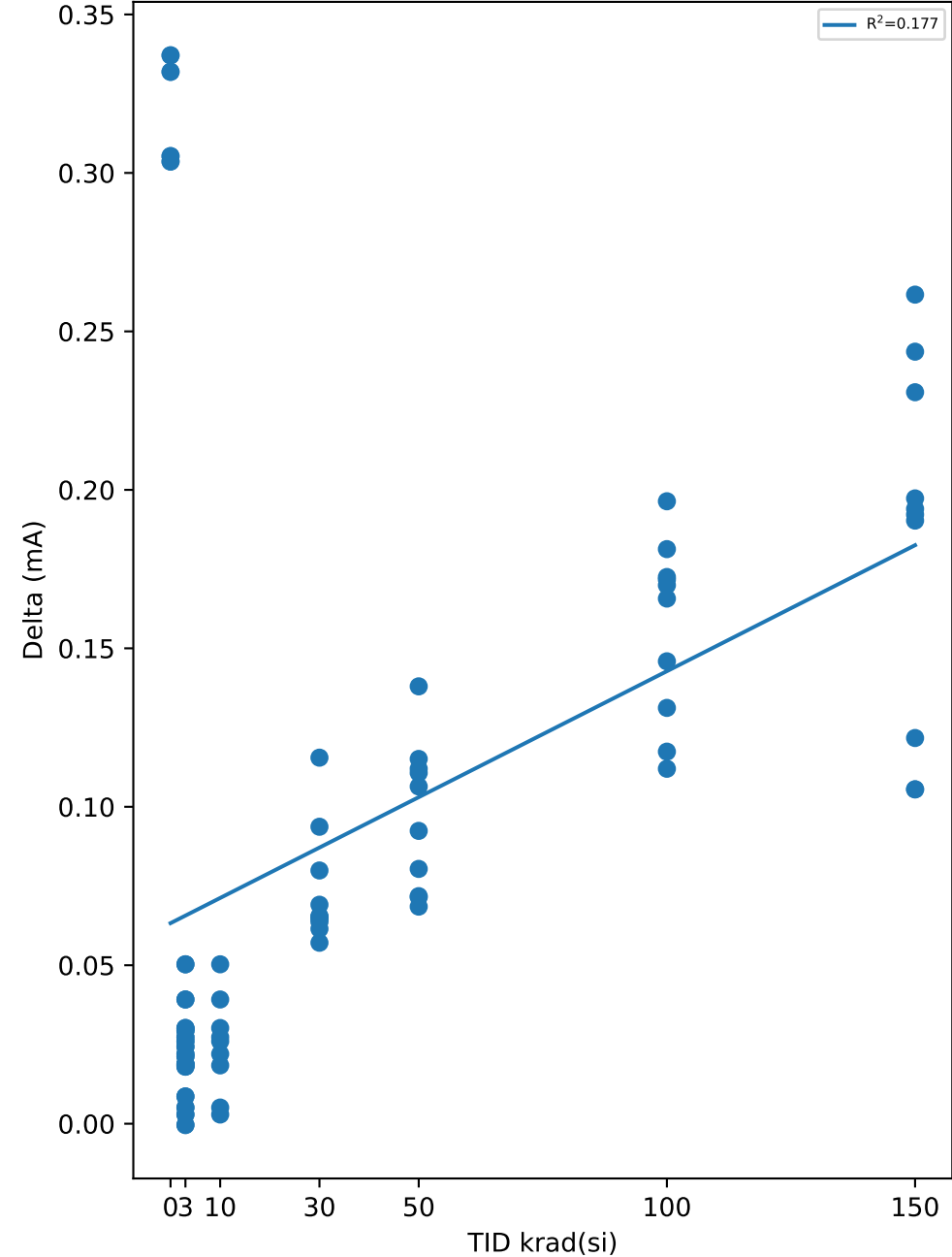
TID vs Result Stats



Test Results (Upper Limit = 11.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	8.1173	8.4226	0.3053
2	0	CORRELATION	8.0167	8.3538	0.3371
259	3	LDR Biased	8.0726	8.0812	0.0086
426	3	LDR Biased	7.9268	7.948	0.0212
427	3	LDR Biased	8.1512	8.1811	0.0299
428	3	LDR Biased	8.0801	8.0981	0.018
429	3	LDR Unbiased	8.0079	8.0372	0.0293
430	3	LDR Unbiased	8.1559	8.1748	0.0189
431	3	LDR Unbiased	8.12	8.1386	0.0186
432	3	LDR Unbiased	8.1664	8.1907	0.0243
433	3	LDR Unbiased	8.0881	8.0877	-0.0004
1259	10	LDR Biased	8.0726	8.1028	0.0302
1426	10	LDR Biased	7.9268	7.9297	0.0029
1427	10	LDR Biased	8.1512	8.2015	0.0503
1428	10	LDR Biased	8.0801	8.1074	0.0273
1429	10	LDR Unbiased	8.0079	8.0339	0.026
1430	10	LDR Unbiased	8.1559	8.1743	0.0184
1431	10	LDR Unbiased	8.12	8.1592	0.0392
1432	10	LDR Unbiased	8.1664	8.1884	0.022
1433	10	LDR Unbiased	8.0881	8.0932	0.0051
2434	30	LDR Biased	7.9656	8.0811	0.1155
2435	30	LDR Biased	8.0111	8.0757	0.0646
2436	30	LDR Biased	8.0275	8.1212	0.0937
2437	30	LDR Biased	8.0271	8.0962	0.0691
2438	30	LDR Biased	8.1059	8.163	0.0571
2439	30	LDR Unbiased	7.8598	7.9235	0.0637
2440	30	LDR Unbiased	7.9203	7.9856	0.0653
2441	30	LDR Unbiased	8.1173	8.1828	0.0655
2443	30	LDR Unbiased	8.0167	8.0782	0.0615
2444	30	LDR Unbiased	8.0325	8.1124	0.0799
3434	50	LDR Biased	7.9656	8.1036	0.138
3435	50	LDR Biased	8.0111	8.0829	0.0718
3436	50	LDR Biased	8.0275	8.1426	0.1151
3437	50	LDR Biased	8.0271	8.1378	0.1107
3438	50	LDR Biased	8.1059	8.1774	0.0715
3439	50	LDR Unbiased	7.8598	7.9283	0.0685
3440	50	LDR Unbiased	7.9203	8.0267	0.1064
3441	50	LDR Unbiased	8.1173	8.2097	0.0924
3443	50	LDR Unbiased	8.0167	8.0971	0.0804
3444	50	LDR Unbiased	8.0325	8.1445	0.112
4434	100	LDR Biased	7.9656	8.1381	0.1725
4435	100	LDR Biased	8.0111	8.157	0.1459
4436	100	LDR Biased	8.0275	8.1932	0.1657
4437	100	LDR Biased	8.0271	8.2235	0.1964
4438	100	LDR Biased	8.1059	8.2179	0.112
4439	100	LDR Unbiased	7.8598	7.9772	0.1174
4440	100	LDR Unbiased	7.9203	8.0902	0.1699
4441	100	LDR Unbiased	8.1173	8.289	0.1717
4443	100	LDR Unbiased	8.0167	8.1479	0.1312
4444	100	LDR Unbiased	8.0325	8.2138	0.1813
4500	150	LDR Biased	8.067	8.2643	0.1973
4501	150	LDR Biased	7.9562	8.0779	0.1217
4502	150	LDR Biased	7.9325	8.1228	0.1903
4503	150	LDR Biased	8.1689	8.2744	0.1055
4504	150	LDR Biased	8.2119	8.4735	0.2616
4505	150	LDR Unbiased	8.0953	8.2875	0.1922
4506	150	LDR Unbiased	8.2056	8.3111	0.1055
4507	150	LDR Unbiased	8.2171	8.4111	0.194
4508	150	LDR Unbiased	8.1638	8.4074	0.2436
4509	150	LDR Unbiased	8.0929	8.3237	0.2308

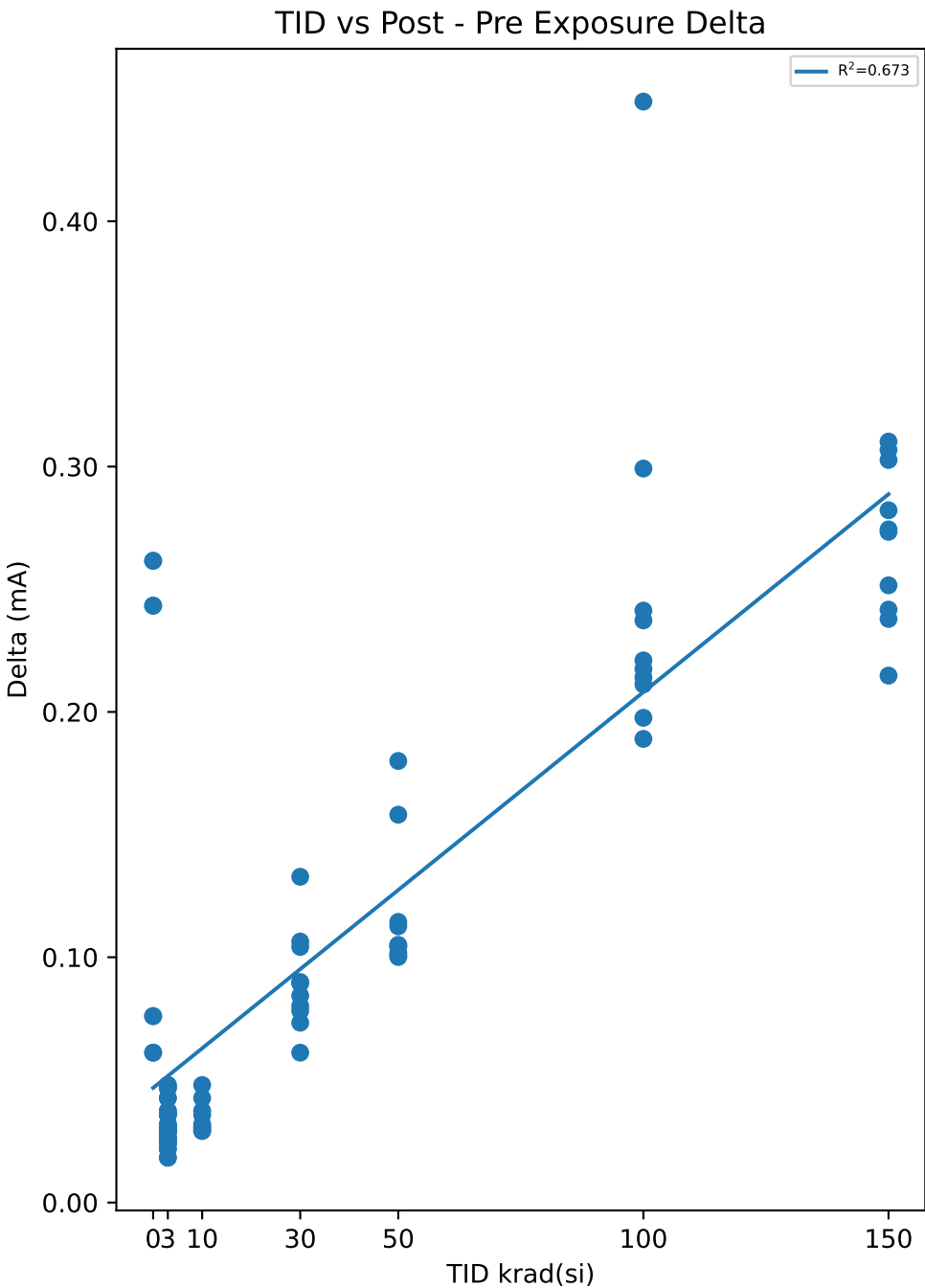
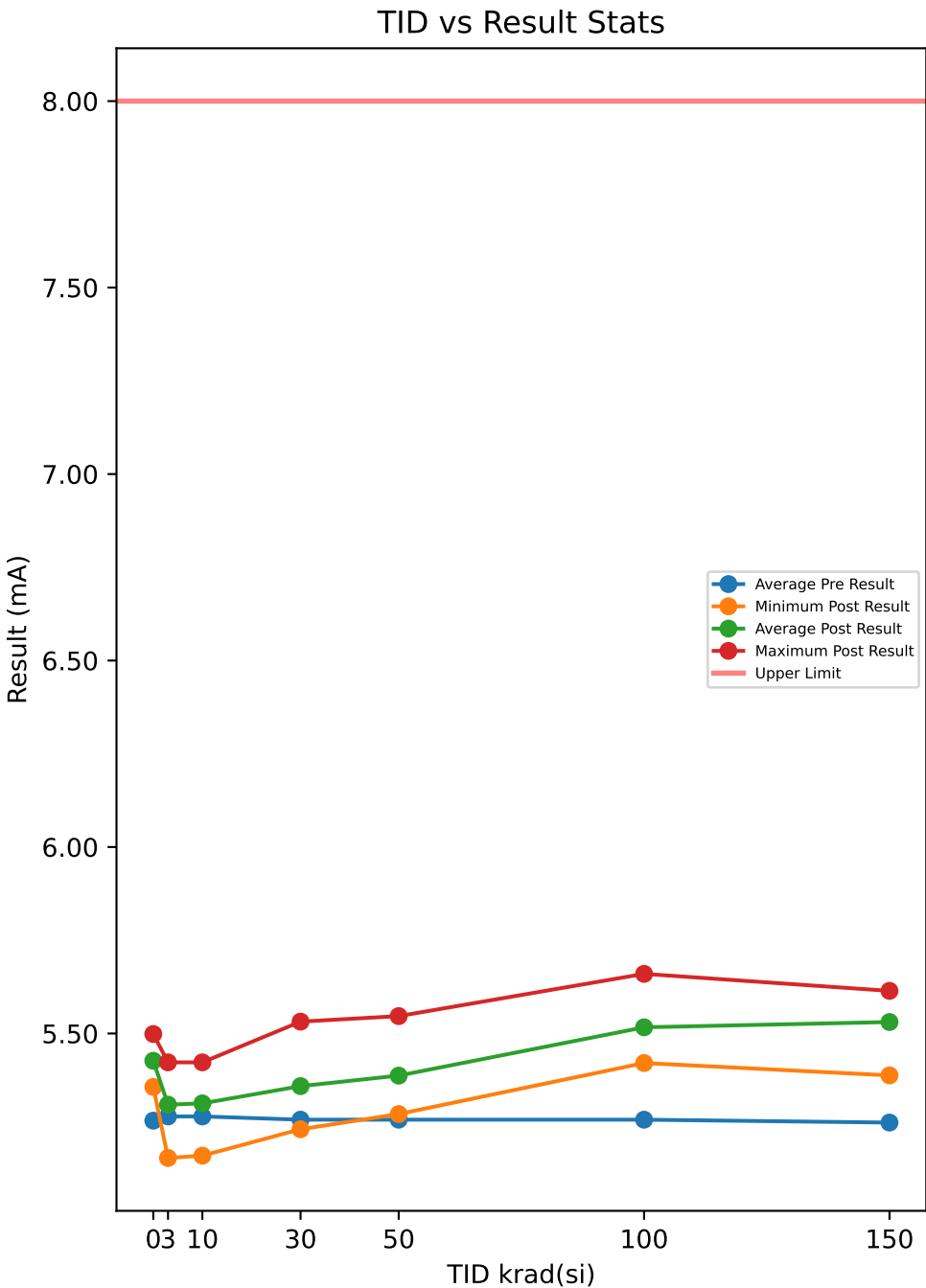
TID vs Post - Pre Exposure Delta



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	8.0167	8.067	8.1173	0.071135	8.3538	8.3882	8.4226	0.048649	0.3053	0.3212	0.3371	0.022486
3	7.9268	8.0854	8.1664	0.077796	7.948	8.1042	8.1907	0.078493	-0.0004	0.018711	0.0299	0.0096357
10	7.9268	8.0854	8.1664	0.077796	7.9297	8.11	8.2015	0.086396	0.0029	0.0246	0.0503	0.015044
30	7.8598	8.0084	8.1173	0.077755	7.9235	8.082	8.1828	0.077355	0.0571	0.07359	0.1155	0.01811
50	7.8598	8.0084	8.1173	0.077755	7.9283	8.1051	8.2097	0.080388	0.0685	0.09668	0.138	0.02334
100	7.8598	8.0084	8.1173	0.077755	7.9772	8.1648	8.289	0.086099	0.112	0.1564	0.1964	0.028323
150	7.9325	8.1111	8.2171	0.10267	8.0779	8.2954	8.4735	0.1235	0.1055	0.18425	0.2616	0.056128

Device Test: 35.9 Iop HS BOOT PWM 1MHz VIN_10V



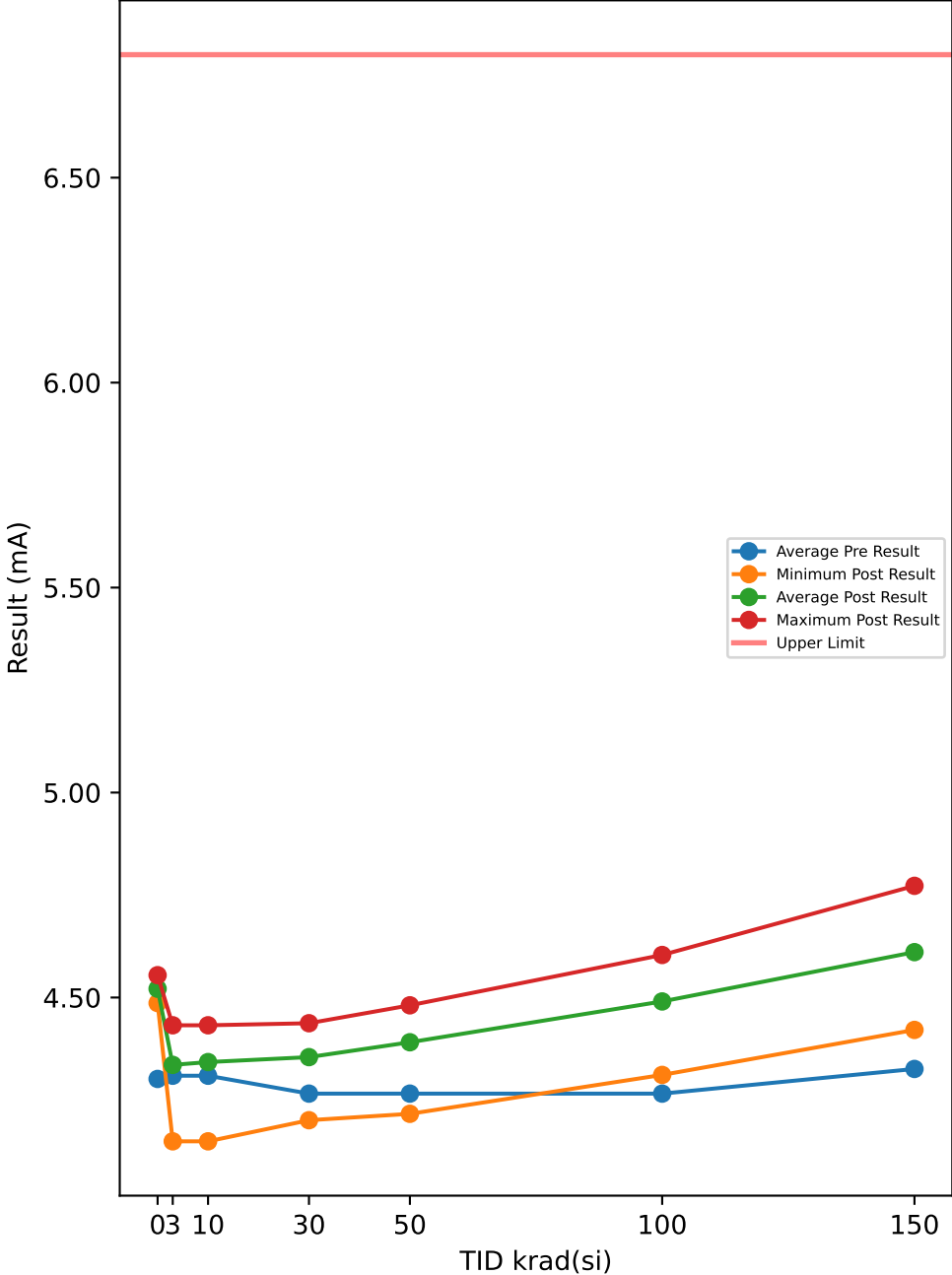
Test Results (Upper Limit = 8.0 (mA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.2956	5.3716	0.076
2	0	CORRELATION	5.237	5.4986	0.2616
259	3	LDR Biased	5.2329	5.2589	0.026
426	3	LDR Biased	5.1421	5.1662	0.0241
427	3	LDR Biased	5.3397	5.3664	0.0267
428	3	LDR Biased	5.3484	5.3728	0.0244
429	3	LDR Unbiased	5.1481	5.1769	0.0288
430	3	LDR Unbiased	5.2648	5.3115	0.0467
431	3	LDR Unbiased	5.3463	5.3646	0.0183
432	3	LDR Unbiased	5.2894	5.3257	0.0363
433	3	LDR Unbiased	5.3869	5.4088	0.0219
1259	10	LDR Biased	5.2329	5.2755	0.0426
1426	10	LDR Biased	5.1421	5.1724	0.0303
1427	10	LDR Biased	5.3397	5.3689	0.0292
1428	10	LDR Biased	5.3484	5.3803	0.0319
1429	10	LDR Unbiased	5.1481	5.1773	0.0292
1430	10	LDR Unbiased	5.2648	5.3022	0.0374
1431	10	LDR Unbiased	5.3463	5.3773	0.031
1432	10	LDR Unbiased	5.2894	5.3373	0.0479
1433	10	LDR Unbiased	5.3869	5.4226	0.0357
2434	30	LDR Biased	5.1822	5.2433	0.0611
2435	30	LDR Biased	5.4424	5.5318	0.0894
2436	30	LDR Biased	5.2067	5.2849	0.0782
2437	30	LDR Biased	5.3542	5.4343	0.0801
2438	30	LDR Biased	5.2378	5.3706	0.1328
2439	30	LDR Unbiased	5.2677	5.341	0.0733
2440	30	LDR Unbiased	5.2121	5.2964	0.0843
2441	30	LDR Unbiased	5.2956	5.402	0.1064
2443	30	LDR Unbiased	5.237	5.3412	0.1042
2444	30	LDR Unbiased	5.2534	5.3433	0.0899
3434	50	LDR Biased	5.1822	5.284	0.1018
3435	50	LDR Biased	5.4424	5.5466	0.1042
3436	50	LDR Biased	5.2067	5.3193	0.1126
3437	50	LDR Biased	5.3542	5.4543	0.1001
3438	50	LDR Biased	5.2378	5.4178	0.18
3439	50	LDR Unbiased	5.2677	5.3683	0.1006
3440	50	LDR Unbiased	5.2121	5.3265	0.1144
3441	50	LDR Unbiased	5.2956	5.4537	0.1581
3443	50	LDR Unbiased	5.237	5.342	0.105
3444	50	LDR Unbiased	5.2534	5.3583	0.1049
4434	100	LDR Biased	5.1822	5.631	0.4488
4435	100	LDR Biased	5.4424	5.6599	0.2175
4436	100	LDR Biased	5.2067	5.4208	0.2141
4437	100	LDR Biased	5.3542	5.5752	0.221
4438	100	LDR Biased	5.2378	5.537	0.2992
4439	100	LDR Unbiased	5.2677	5.4567	0.189
4440	100	LDR Unbiased	5.2121	5.4233	0.2112
4441	100	LDR Unbiased	5.2956	5.5369	0.2413
4443	100	LDR Unbiased	5.237	5.4743	0.2373
4444	100	LDR Unbiased	5.2534	5.451	0.1976
4500	150	LDR Biased	5.2255	5.5282	0.3027
4501	150	LDR Biased	5.146	5.3877	0.2417
4502	150	LDR Biased	5.2506	5.5574	0.3068
4503	150	LDR Biased	5.2847	5.5581	0.2734
4504	150	LDR Biased	5.3029	5.5773	0.2744
4505	150	LDR Unbiased	5.2884	5.5706	0.2822
4506	150	LDR Unbiased	5.2524	5.4903	0.2379
4507	150	LDR Unbiased	5.3919	5.6067	0.2148
4508	150	LDR Unbiased	5.3627	5.6143	0.2516
4509	150	LDR Unbiased	5.1066	5.4168	0.3102

Test Statistics (mA)

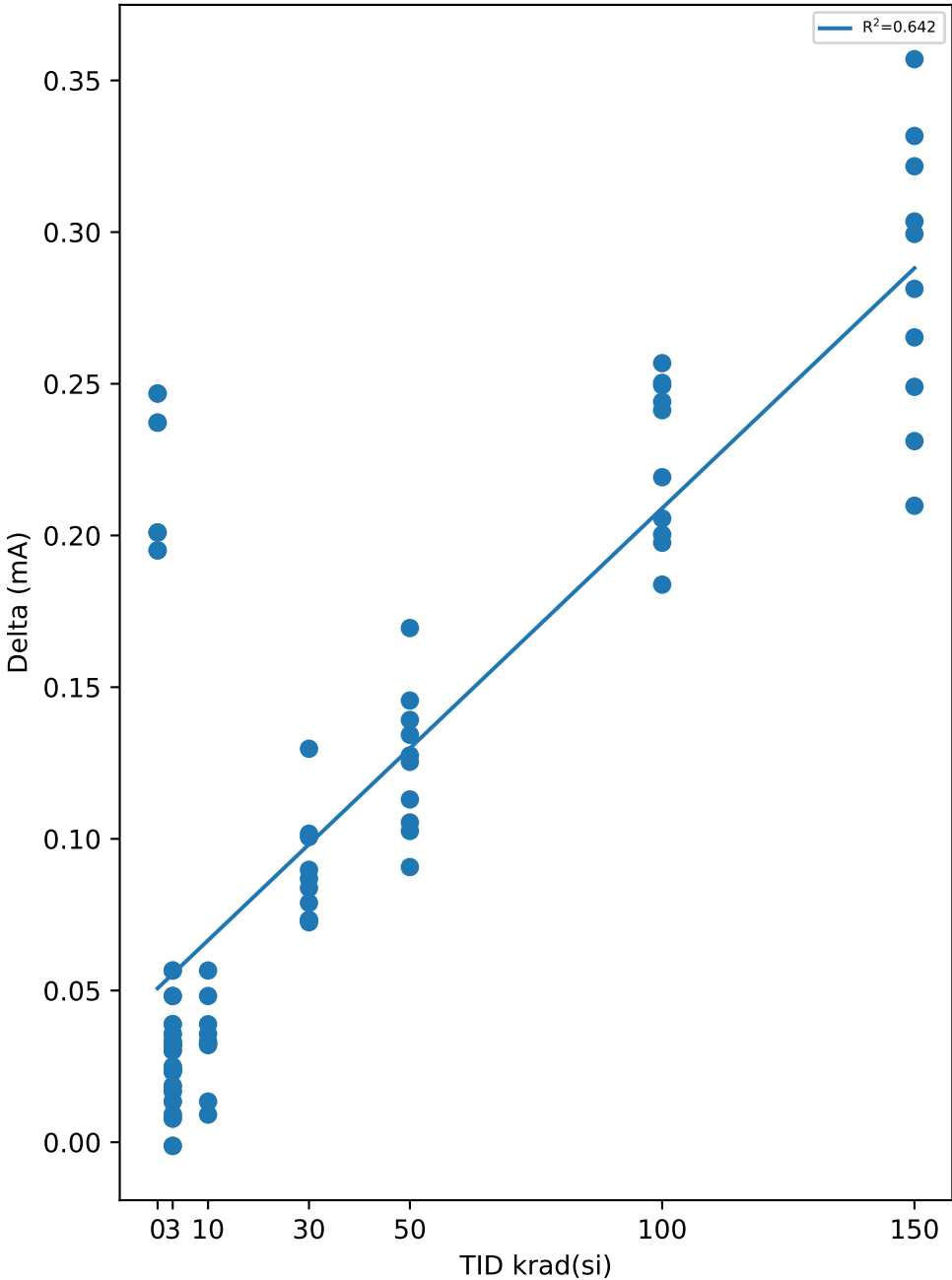
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.237	5.2663	5.2956	0.041436	5.3716	5.4351	5.4986	0.089803	0.076	0.1688	0.2616	0.13124
3	5.1421	5.2776	5.3869	0.088718	5.1662	5.3058	5.4088	0.087292	0.0183	0.028133	0.0467	0.0085456
10	5.1421	5.2776	5.3869	0.088718	5.1724	5.3126	5.4226	0.08951	0.0292	0.035022	0.0479	0.0065707
30	5.1822	5.2689	5.4424	0.078124	5.2433	5.3589	5.5318	0.08246	0.0611	0.08997	0.1328	0.020239
50	5.1822	5.2689	5.4424	0.078124	5.284	5.3871	5.5466	0.079896	0.1001	0.11817	0.18	0.02771
100	5.1822	5.2689	5.4424	0.078124	5.4208	5.5166	5.6599	0.085276	0.189	0.2477	0.4488	0.076945
150	5.1066	5.2612	5.3919	0.087593	5.3877	5.5307	5.6143	0.076777	0.2148	0.26957	0.3102	0.032377

Device Test: 36.0 Iq LS VIN PWM VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.8 (mA))

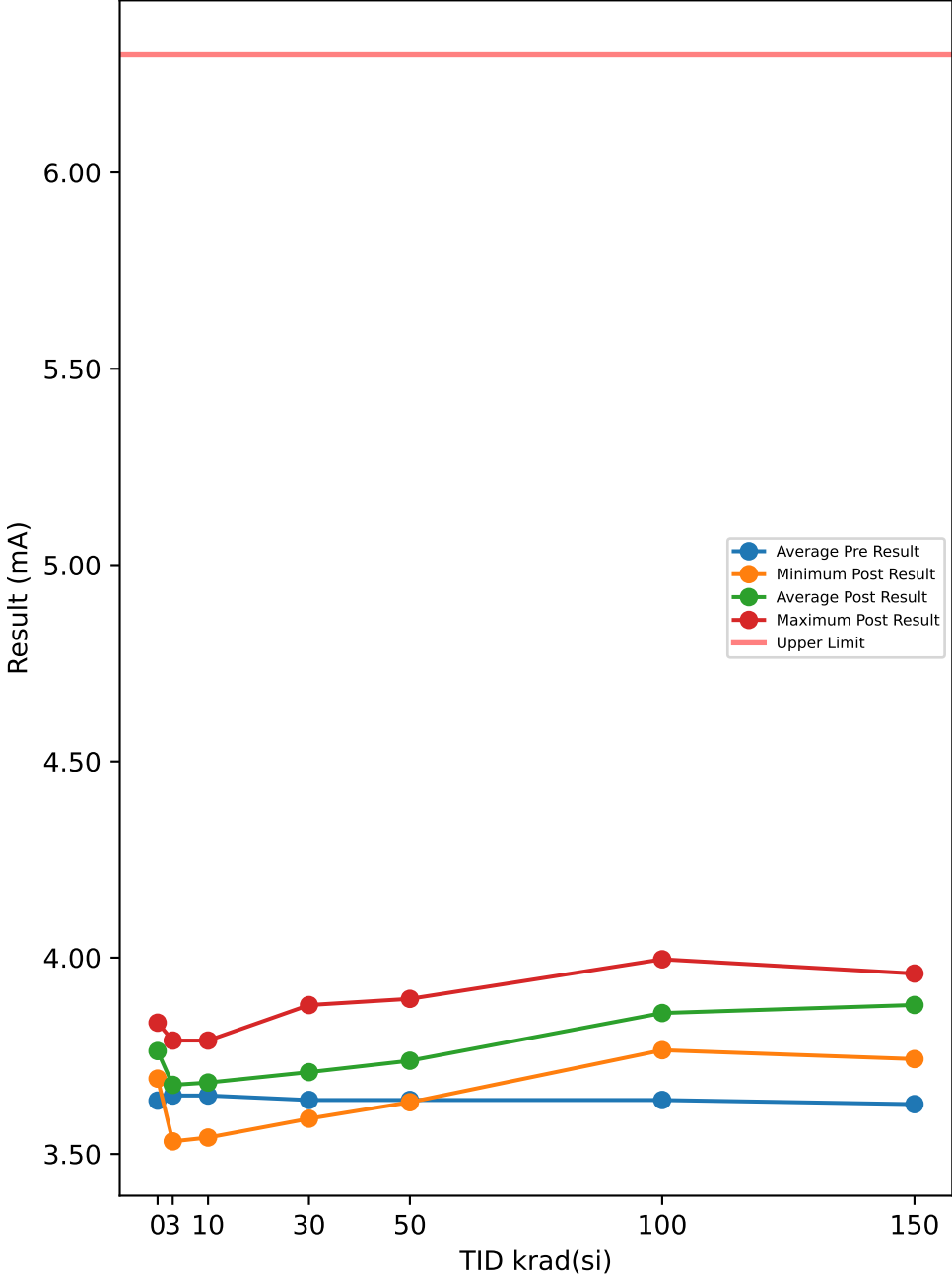
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.3535	4.5545	0.201
2	0	CORRELATION	4.2493	4.4961	0.2468
259	3	LDR Biased	4.2787	4.2865	0.0078
426	3	LDR Biased	4.1401	4.1634	0.0233
427	3	LDR Biased	4.3757	4.4078	0.0321
428	3	LDR Biased	4.2549	4.2735	0.0186
429	3	LDR Unbiased	4.2655	4.2957	0.0302
430	3	LDR Unbiased	4.3796	4.4034	0.0238
431	3	LDR Unbiased	4.3615	4.3783	0.0168
432	3	LDR Unbiased	4.3737	4.3986	0.0249
433	3	LDR Unbiased	4.3535	4.3523	-0.0012
1259	10	LDR Biased	4.2787	4.3144	0.0357
1426	10	LDR Biased	4.1401	4.1492	0.0091
1427	10	LDR Biased	4.3757	4.4323	0.0566
1428	10	LDR Biased	4.2549	4.2938	0.0389
1429	10	LDR Unbiased	4.2655	4.2987	0.0332
1430	10	LDR Unbiased	4.3796	4.4116	0.032
1431	10	LDR Unbiased	4.3615	4.4097	0.0482
1432	10	LDR Unbiased	4.3737	4.4061	0.0324
1433	10	LDR Unbiased	4.3535	4.3669	0.0134
2434	30	LDR Biased	4.2401	4.3698	0.1297
2435	30	LDR Biased	4.2984	4.3709	0.0725
2436	30	LDR Biased	4.2699	4.3716	0.1017
2437	30	LDR Biased	4.3328	4.4061	0.0733
2438	30	LDR Biased	4.3329	4.4061	0.0732
2439	30	LDR Unbiased	4.1109	4.2007	0.0898
2440	30	LDR Unbiased	4.2064	4.2933	0.0869
2441	30	LDR Unbiased	4.3535	4.4373	0.0838
2443	30	LDR Unbiased	4.2493	4.3282	0.0789
2444	30	LDR Unbiased	4.2615	4.3621	0.1006
3434	50	LDR Biased	4.2401	4.4096	0.1695
3435	50	LDR Biased	4.2984	4.3891	0.0907
3436	50	LDR Biased	4.2699	4.4042	0.1343
3437	50	LDR Biased	4.3328	4.4582	0.1254
3438	50	LDR Biased	4.3329	4.4355	0.1026
3439	50	LDR Unbiased	4.1109	4.2163	0.1054
3440	50	LDR Unbiased	4.2064	4.3456	0.1392
3441	50	LDR Unbiased	4.3535	4.481	0.1275
3443	50	LDR Unbiased	4.2493	4.3623	0.113
3444	50	LDR Unbiased	4.2615	4.4071	0.1456
4434	100	LDR Biased	4.2401	4.4814	0.2413
4435	100	LDR Biased	4.2984	4.496	0.1976
4436	100	LDR Biased	4.2699	4.4891	0.2192
4437	100	LDR Biased	4.3328	4.5769	0.2441
4438	100	LDR Biased	4.3329	4.5167	0.1838
4439	100	LDR Unbiased	4.1109	4.3112	0.2003
4440	100	LDR Unbiased	4.2064	4.4559	0.2495
4441	100	LDR Unbiased	4.3535	4.6038	0.2503
4443	100	LDR Unbiased	4.2493	4.4549	0.2056
4444	100	LDR Unbiased	4.2615	4.5183	0.2568
4500	150	LDR Biased	4.3132	4.5945	0.2813
4501	150	LDR Biased	4.1899	4.421	0.2311
4502	150	LDR Biased	4.1701	4.4354	0.2653
4503	150	LDR Biased	4.386	4.5958	0.2098
4504	150	LDR Biased	4.4508	4.7725	0.3217
4505	150	LDR Unbiased	4.3214	4.6208	0.2994
4506	150	LDR Unbiased	4.3959	4.6449	0.249
4507	150	LDR Unbiased	4.4189	4.7224	0.3035
4508	150	LDR Unbiased	4.3624	4.7194	0.357
4509	150	LDR Unbiased	4.2489	4.5806	0.3317

Test Statistics (mA)

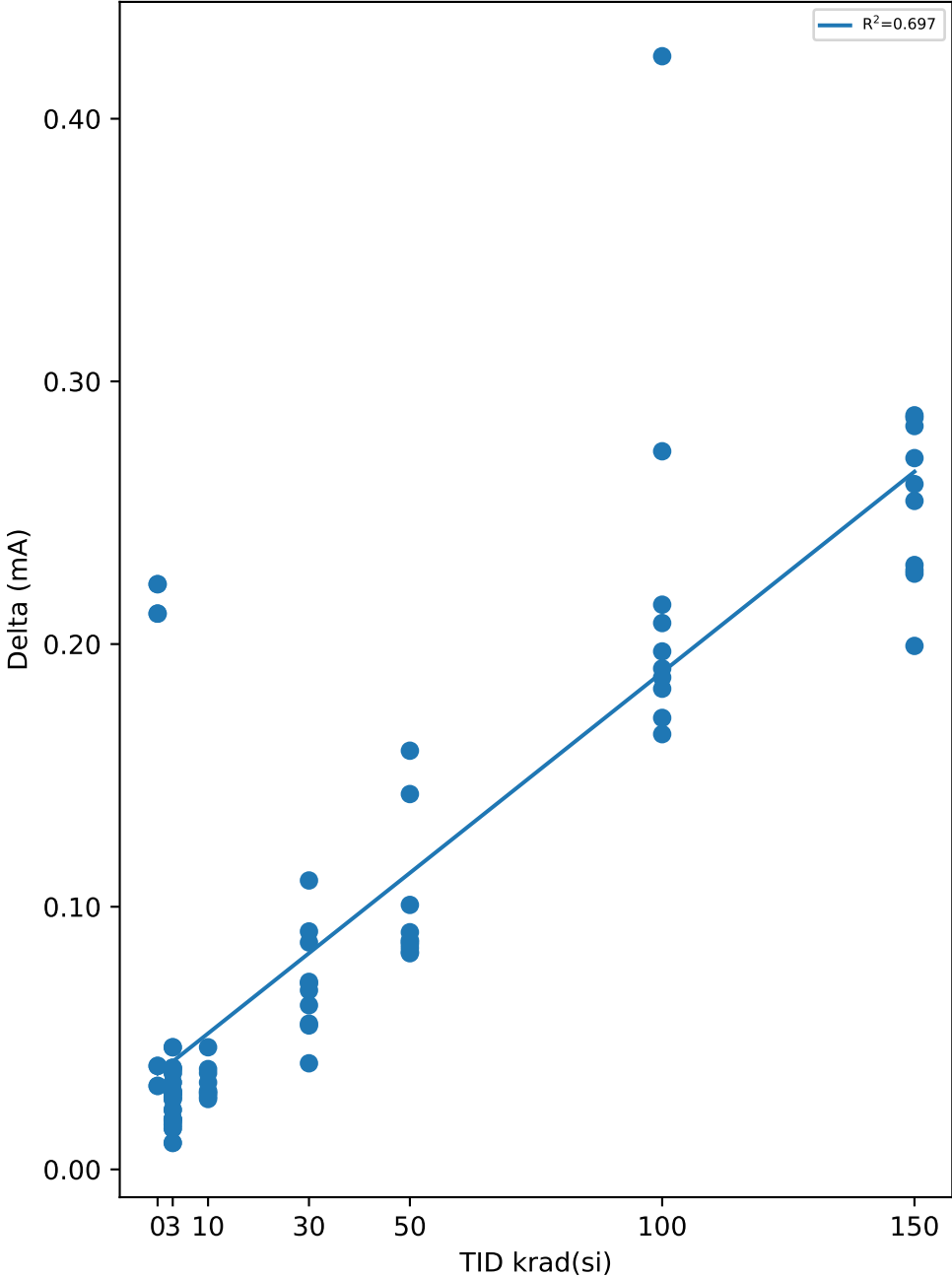
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.2493	4.3014	4.3535	0.073681	4.4961	4.5253	4.5545	0.041295	0.201	0.2239	0.2468	0.032385
3	4.1401	4.3092	4.3796	0.081102	4.1634	4.3288	4.4078	0.081379	-0.0012	0.019589	0.0321	0.010658
10	4.1401	4.3092	4.3796	0.081102	4.1492	4.3425	4.4323	0.089749	0.0091	0.033278	0.0566	0.014942
30	4.1109	4.2656	4.3535	0.071675	4.2007	4.3546	4.4373	0.067598	0.0725	0.08904	0.1297	0.01781
50	4.1109	4.2656	4.3535	0.071675	4.2163	4.3909	4.481	0.073624	0.0907	0.12532	0.1695	0.023344
100	4.1109	4.2656	4.3535	0.071675	4.3112	4.4904	4.6038	0.079225	0.1838	0.22485	0.2568	0.026563
150	4.1701	4.3258	4.4508	0.096017	4.421	4.6107	4.7725	0.1154	0.2098	0.28498	0.357	0.046571

Device Test: 36.1 Iq HS BOOT PWM VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.3 (mA))

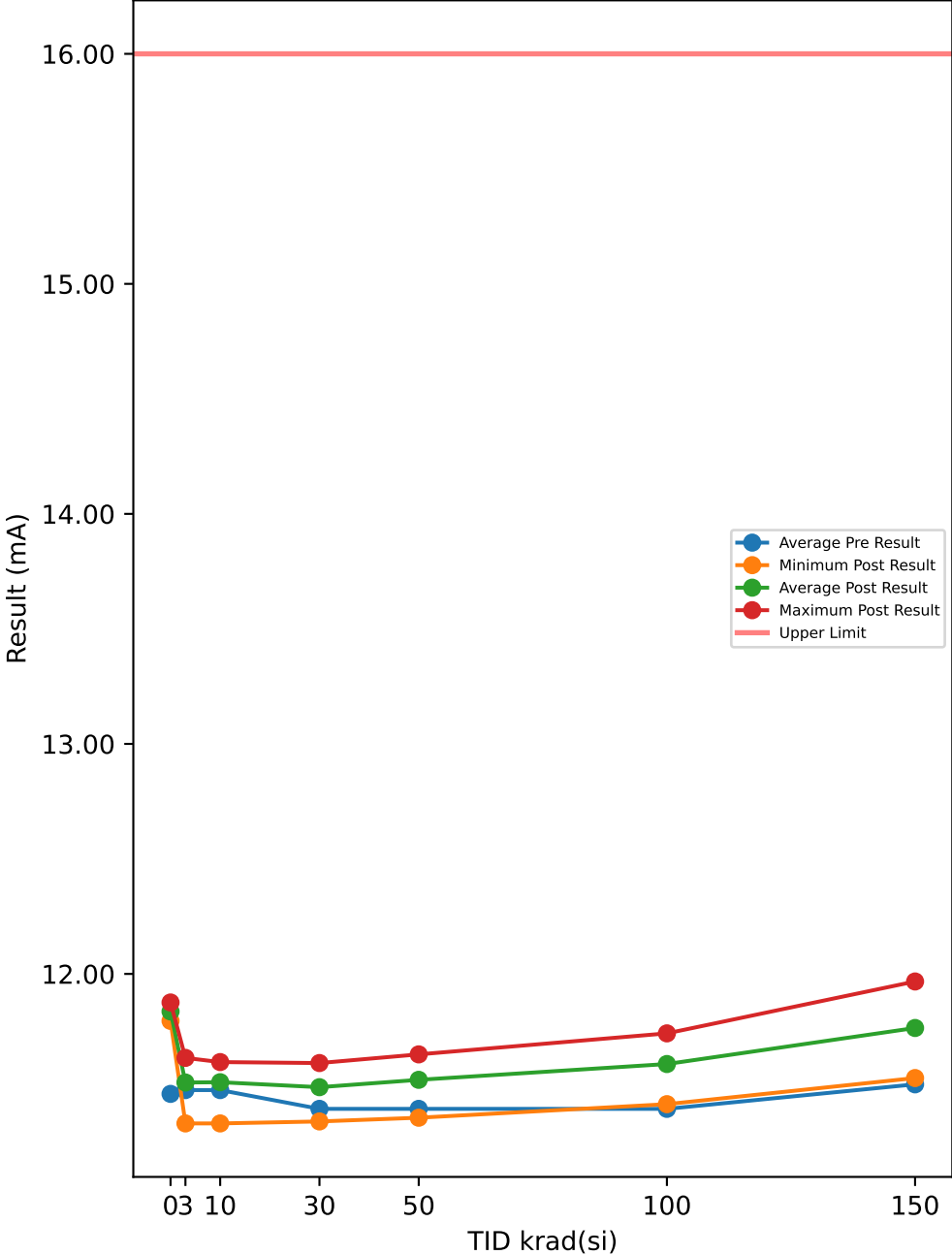
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.6601	3.6995	0.0394
2	0	CORRELATION	3.6115	3.8343	0.2228
259	3	LDR Biased	3.5955	3.6139	0.0184
426	3	LDR Biased	3.5131	3.5322	0.0191
427	3	LDR Biased	3.7209	3.74	0.0191
428	3	LDR Biased	3.7259	3.743	0.0171
429	3	LDR Unbiased	3.5263	3.549	0.0227
430	3	LDR Unbiased	3.631	3.6697	0.0387
431	3	LDR Unbiased	3.7133	3.7234	0.0101
432	3	LDR Unbiased	3.6575	3.6867	0.0292
433	3	LDR Unbiased	3.7558	3.7714	0.0156
1259	10	LDR Biased	3.5955	3.6337	0.0382
1426	10	LDR Biased	3.5131	3.5419	0.0288
1427	10	LDR Biased	3.7209	3.7485	0.0276
1428	10	LDR Biased	3.7259	3.7552	0.0293
1429	10	LDR Unbiased	3.5263	3.5531	0.0268
1430	10	LDR Unbiased	3.631	3.6677	0.0367
1431	10	LDR Unbiased	3.7133	3.7432	0.0299
1432	10	LDR Unbiased	3.6575	3.704	0.0465
1433	10	LDR Unbiased	3.7558	3.7889	0.0331
2434	30	LDR Biased	3.5495	3.5899	0.0404
2435	30	LDR Biased	3.8085	3.8793	0.0708
2436	30	LDR Biased	3.5821	3.6376	0.0555
2437	30	LDR Biased	3.7204	3.7829	0.0625
2438	30	LDR Biased	3.613	3.723	0.11
2439	30	LDR Unbiased	3.6398	3.6946	0.0548
2440	30	LDR Unbiased	3.5737	3.6419	0.0682
2441	30	LDR Unbiased	3.6601	3.7507	0.0906
2443	30	LDR Unbiased	3.6115	3.6979	0.0864
2444	30	LDR Unbiased	3.6151	3.6865	0.0714
3434	50	LDR Biased	3.5495	3.6318	0.0823
3435	50	LDR Biased	3.8085	3.8951	0.0866
3436	50	LDR Biased	3.5821	3.6724	0.0903
3437	50	LDR Biased	3.7204	3.8047	0.0843
3438	50	LDR Biased	3.613	3.7724	0.1594
3439	50	LDR Unbiased	3.6398	3.7226	0.0828
3440	50	LDR Unbiased	3.5737	3.6744	0.1007
3441	50	LDR Unbiased	3.6601	3.803	0.1429
3443	50	LDR Unbiased	3.6115	3.6972	0.0857
3444	50	LDR Unbiased	3.6151	3.7023	0.0872
4434	100	LDR Biased	3.5495	3.9733	0.4238
4435	100	LDR Biased	3.8085	3.9958	0.1873
4436	100	LDR Biased	3.5821	3.7651	0.183
4437	100	LDR Biased	3.7204	3.9176	0.1972
4438	100	LDR Biased	3.613	3.8864	0.2734
4439	100	LDR Unbiased	3.6398	3.8055	0.1657
4440	100	LDR Unbiased	3.5737	3.7644	0.1907
4441	100	LDR Unbiased	3.6601	3.8751	0.215
4443	100	LDR Unbiased	3.6115	3.8195	0.208
4444	100	LDR Unbiased	3.6151	3.787	0.1719
4500	150	LDR Biased	3.6	3.8871	0.2871
4501	150	LDR Biased	3.515	3.7418	0.2268
4502	150	LDR Biased	3.6116	3.8946	0.283
4503	150	LDR Biased	3.6473	3.9018	0.2545
4504	150	LDR Biased	3.6631	3.924	0.2609
4505	150	LDR Unbiased	3.6497	3.9205	0.2708
4506	150	LDR Unbiased	3.6105	3.8386	0.2281
4507	150	LDR Unbiased	3.7603	3.9596	0.1993
4508	150	LDR Unbiased	3.7283	3.9584	0.2301
4509	150	LDR Unbiased	3.4827	3.7689	0.2862

Test Statistics (mA)

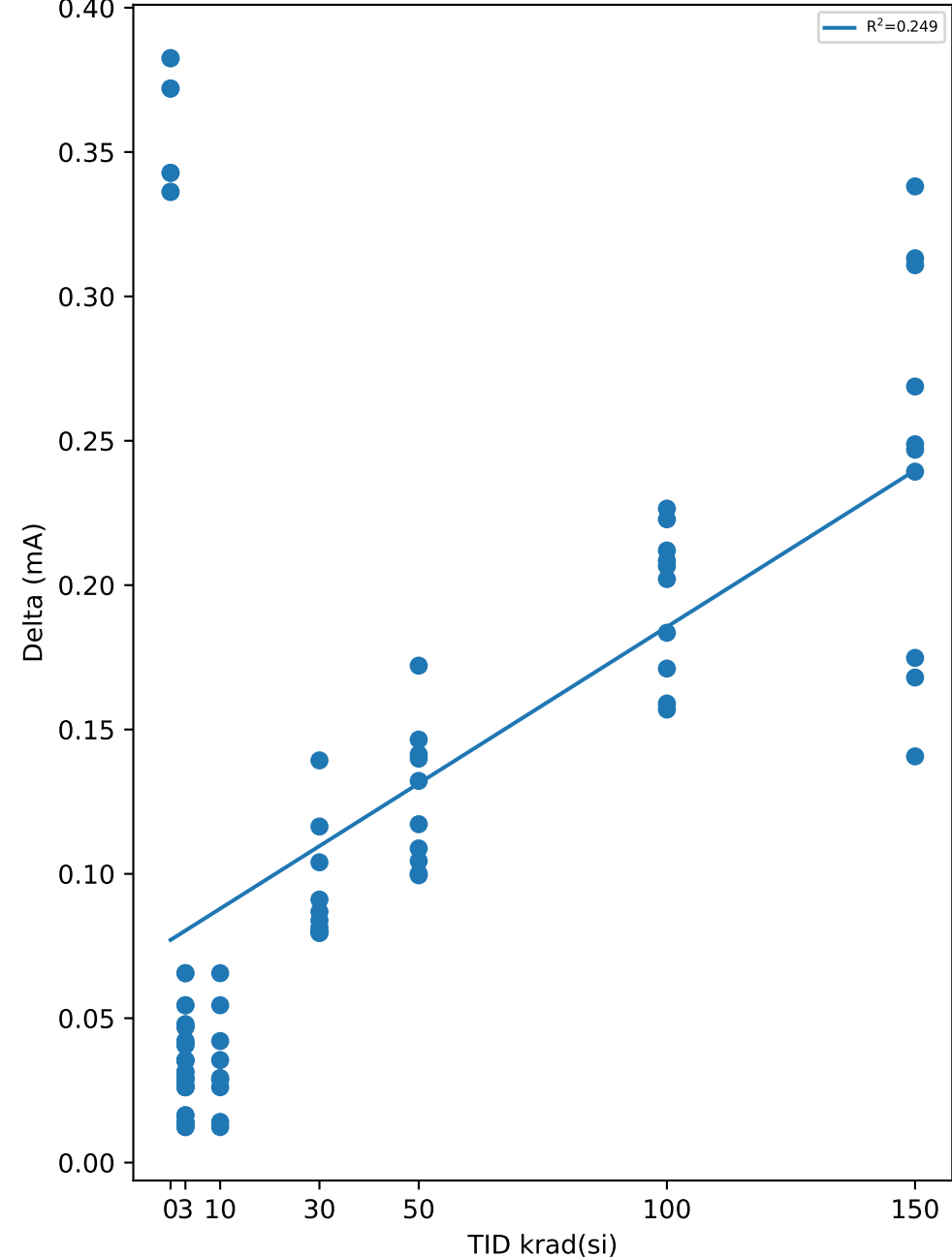
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6115	3.6358	3.6601	0.034365	3.6995	3.7669	3.8343	0.095318	0.0394	0.1311	0.2228	0.12968
3	3.5131	3.6488	3.7558	0.089027	3.5322	3.6699	3.7714	0.086904	0.0101	0.021111	0.0387	0.0083701
10	3.5131	3.6488	3.7558	0.089027	3.5419	3.6818	3.7889	0.089595	0.0268	0.032989	0.0465	0.0064375
30	3.5495	3.6374	3.8085	0.076949	3.5899	3.7084	3.8793	0.082339	0.0404	0.07106	0.11	0.02017
50	3.5495	3.6374	3.8085	0.076949	3.6318	3.7376	3.8951	0.079819	0.0823	0.10022	0.1594	0.027621
100	3.5495	3.6374	3.8085	0.076949	3.7644	3.859	3.9958	0.084061	0.1657	0.2216	0.4238	0.077178
150	3.4827	3.6269	3.7603	0.084896	3.7418	3.8795	3.9596	0.0745	0.1993	0.25268	0.2871	0.030295

Device Test: 36.10 Iop LS VIN PWM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 16.0 (mA))

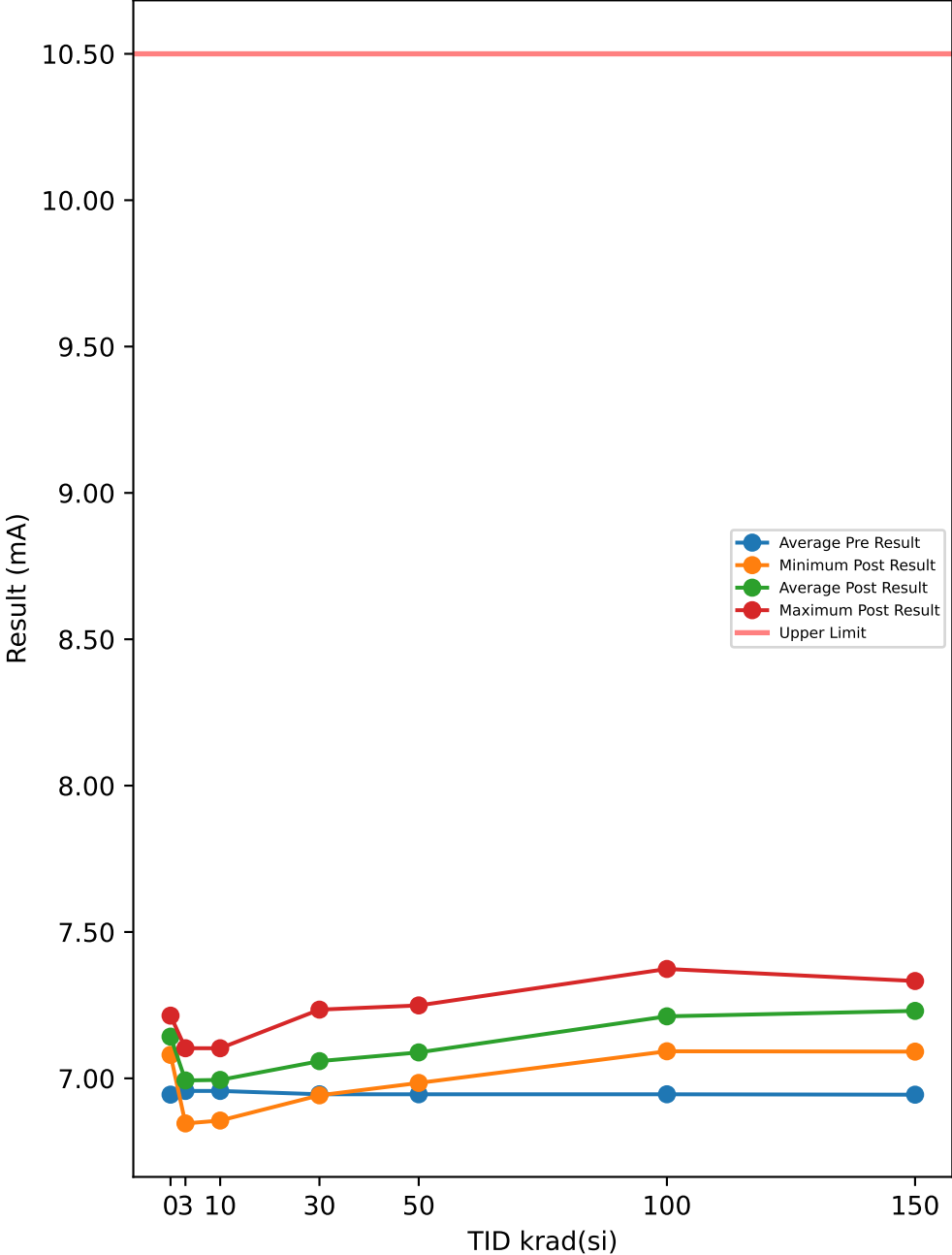
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.533	11.869	0.3362
2	0	CORRELATION	11.424	11.806	0.3825
259	3	LDR Biased	11.493	11.529	0.0353
426	3	LDR Biased	11.338	11.378	0.0407
427	3	LDR Biased	11.542	11.568	0.0261
428	3	LDR Biased	11.492	11.523	0.0314
429	3	LDR Unbiased	11.394	11.441	0.0479
430	3	LDR Unbiased	11.557	11.583	0.0266
431	3	LDR Unbiased	11.534	11.547	0.0132
432	3	LDR Unbiased	11.588	11.635	0.0469
433	3	LDR Unbiased	11.517	11.533	0.0164
1259	10	LDR Biased	11.493	11.536	0.0421
1426	10	LDR Biased	11.338	11.35	0.0123
1427	10	LDR Biased	11.542	11.608	0.0656
1428	10	LDR Biased	11.492	11.527	0.0355
1429	10	LDR Unbiased	11.394	11.423	0.0293
1430	10	LDR Unbiased	11.557	11.583	0.0261
1431	10	LDR Unbiased	11.534	11.589	0.0545
1432	10	LDR Unbiased	11.588	11.617	0.0287
1433	10	LDR Unbiased	11.517	11.531	0.0141
2434	30	LDR Biased	11.362	11.502	0.1393
2435	30	LDR Biased	11.412	11.499	0.0869
2436	30	LDR Biased	11.427	11.544	0.1164
2437	30	LDR Biased	11.424	11.515	0.0911
2438	30	LDR Biased	11.516	11.596	0.0799
2439	30	LDR Unbiased	11.275	11.359	0.0839
2440	30	LDR Unbiased	11.311	11.392	0.0815
2441	30	LDR Unbiased	11.533	11.613	0.0795
2443	30	LDR Unbiased	11.424	11.504	0.0799
2444	30	LDR Unbiased	11.45	11.554	0.104
3434	50	LDR Biased	11.362	11.534	0.1721
3435	50	LDR Biased	11.412	11.511	0.0995
3436	50	LDR Biased	11.427	11.574	0.1465
3437	50	LDR Biased	11.424	11.563	0.1399
3438	50	LDR Biased	11.516	11.62	0.1045
3439	50	LDR Unbiased	11.275	11.375	0.1001
3440	50	LDR Unbiased	11.311	11.443	0.1322
3441	50	LDR Unbiased	11.533	11.65	0.1172
3443	50	LDR Unbiased	11.424	11.533	0.1088
3444	50	LDR Unbiased	11.45	11.591	0.1414
4434	100	LDR Biased	11.362	11.574	0.212
4435	100	LDR Biased	11.412	11.595	0.1835
4436	100	LDR Biased	11.427	11.629	0.2021
4437	100	LDR Biased	11.424	11.65	0.2265
4438	100	LDR Biased	11.516	11.673	0.1569
4439	100	LDR Unbiased	11.275	11.434	0.159
4440	100	LDR Unbiased	11.311	11.517	0.2066
4441	100	LDR Unbiased	11.533	11.742	0.2085
4443	100	LDR Unbiased	11.424	11.595	0.1711
4444	100	LDR Unbiased	11.45	11.673	0.2228
4500	150	LDR Biased	11.456	11.695	0.2393
4501	150	LDR Biased	11.373	11.547	0.1748
4502	150	LDR Biased	11.359	11.606	0.2469
4503	150	LDR Biased	11.58	11.748	0.168
4504	150	LDR Biased	11.629	11.967	0.3381
4505	150	LDR Unbiased	11.498	11.747	0.2488
4506	150	LDR Unbiased	11.626	11.767	0.1407
4507	150	LDR Unbiased	11.604	11.873	0.2688
4508	150	LDR Unbiased	11.57	11.88	0.3108
4509	150	LDR Unbiased	11.505	11.819	0.3132

Test Statistics (mA)

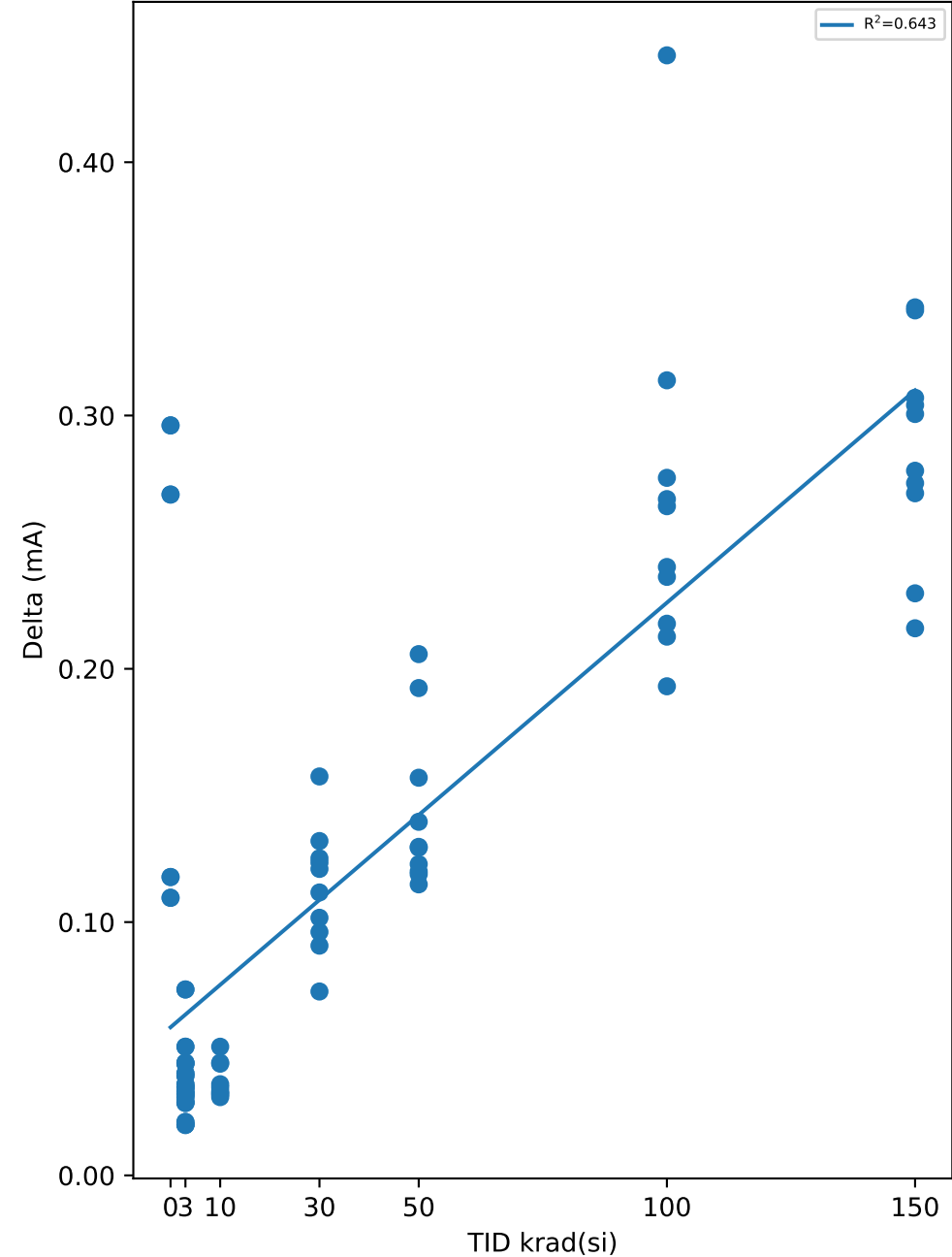
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.424	11.478	11.533	0.077216	11.806	11.838	11.869	0.044477	0.3362	0.35935	0.3825	0.032739
3	11.338	11.495	11.588	0.080429	11.378	11.527	11.635	0.07615	0.0132	0.031611	0.0479	0.012355
10	11.338	11.495	11.588	0.080429	11.35	11.529	11.617	0.089243	0.0123	0.034244	0.0656	0.017556
30	11.275	11.413	11.533	0.080947	11.359	11.508	11.613	0.080239	0.0795	0.09424	0.1393	0.019939
50	11.275	11.413	11.533	0.080947	11.375	11.54	11.65	0.082038	0.0995	0.12622	0.1721	0.024089
100	11.275	11.413	11.533	0.080947	11.434	11.608	11.742	0.087267	0.1569	0.1949	0.2265	0.025544
150	11.359	11.52	11.629	0.099329	11.547	11.765	11.967	0.12779	0.1407	0.24494	0.3381	0.066667

Device Test: 36.11 lop HS BOOT PWM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 10.5 (mA))

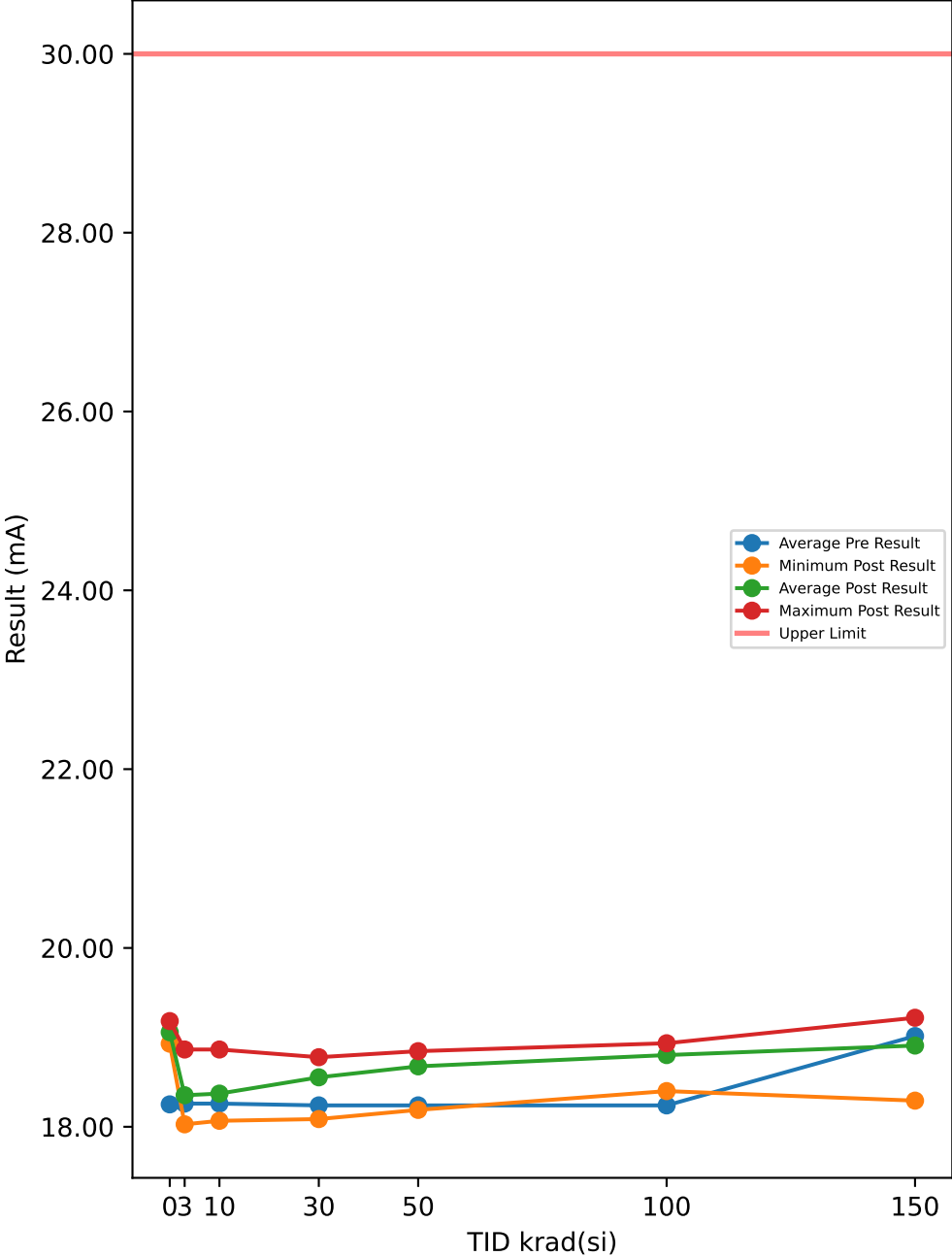
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.9706	7.0884	0.1178
2	0	CORRELATION	6.9181	7.2142	0.2961
259	3	LDR Biased	6.9268	6.9558	0.029
426	3	LDR Biased	6.827	6.8469	0.0199
427	3	LDR Biased	7.0056	7.0459	0.0403
428	3	LDR Biased	7.0296	7.0497	0.0201
429	3	LDR Unbiased	6.8249	6.846	0.0211
430	3	LDR Unbiased	6.9316	7.005	0.0734
431	3	LDR Unbiased	7.0215	7.0608	0.0393
432	3	LDR Unbiased	6.978	7.0066	0.0286
433	3	LDR Unbiased	7.068	7.1029	0.0349
1259	10	LDR Biased	6.9268	6.9713	0.0445
1426	10	LDR Biased	6.827	6.8594	0.0324
1427	10	LDR Biased	7.0056	7.0388	0.0332
1428	10	LDR Biased	7.0296	7.0615	0.0319
1429	10	LDR Unbiased	6.8249	6.8558	0.0309
1430	10	LDR Unbiased	6.9316	6.9757	0.0441
1431	10	LDR Unbiased	7.0215	7.0575	0.036
1432	10	LDR Unbiased	6.978	7.0288	0.0508
1433	10	LDR Unbiased	7.068	7.1028	0.0348
2434	30	LDR Biased	6.8694	6.942	0.0726
2435	30	LDR Biased	7.1095	7.2347	0.1252
2436	30	LDR Biased	6.8798	6.9705	0.0907
2437	30	LDR Biased	7.034	7.1457	0.1117
2438	30	LDR Biased	6.915	7.0725	0.1575
2439	30	LDR Unbiased	6.9389	7.035	0.0961
2440	30	LDR Unbiased	6.8701	6.9936	0.1235
2441	30	LDR Unbiased	6.9706	7.1026	0.132
2443	30	LDR Unbiased	6.9181	7.0391	0.121
2444	30	LDR Unbiased	6.9502	7.0519	0.1017
3434	50	LDR Biased	6.8694	6.9843	0.1149
3435	50	LDR Biased	7.1095	7.2491	0.1396
3436	50	LDR Biased	6.8798	6.9998	0.12
3437	50	LDR Biased	7.034	7.1634	0.1294
3438	50	LDR Biased	6.915	7.1208	0.2058
3439	50	LDR Unbiased	6.9389	7.0686	0.1297
3440	50	LDR Unbiased	6.8701	7.0271	0.157
3441	50	LDR Unbiased	6.9706	7.163	0.1924
3443	50	LDR Unbiased	6.9181	7.041	0.1229
3444	50	LDR Unbiased	6.9502	7.0691	0.1189
4434	100	LDR Biased	6.8694	7.3116	0.4422
4435	100	LDR Biased	7.1095	7.3737	0.2642
4436	100	LDR Biased	6.8798	7.0925	0.2127
4437	100	LDR Biased	7.034	7.2742	0.2402
4438	100	LDR Biased	6.915	7.2289	0.3139
4439	100	LDR Unbiased	6.9389	7.1567	0.2178
4440	100	LDR Unbiased	6.8701	7.1371	0.267
4441	100	LDR Unbiased	6.9706	7.246	0.2754
4443	100	LDR Unbiased	6.9181	7.1544	0.2363
4444	100	LDR Unbiased	6.9502	7.1433	0.1931
4500	150	LDR Biased	6.8999	7.2005	0.3006
4501	150	LDR Biased	6.8131	7.0913	0.2782
4502	150	LDR Biased	6.9392	7.2807	0.3415
4503	150	LDR Biased	6.9655	7.2725	0.307
4504	150	LDR Biased	6.9988	7.2681	0.2693
4505	150	LDR Unbiased	6.9877	7.261	0.2733
4506	150	LDR Unbiased	6.9561	7.1859	0.2298
4507	150	LDR Unbiased	7.0763	7.2923	0.216
4508	150	LDR Unbiased	7.0284	7.3325	0.3041
4509	150	LDR Unbiased	6.7768	7.1195	0.3427

Test Statistics (mA)

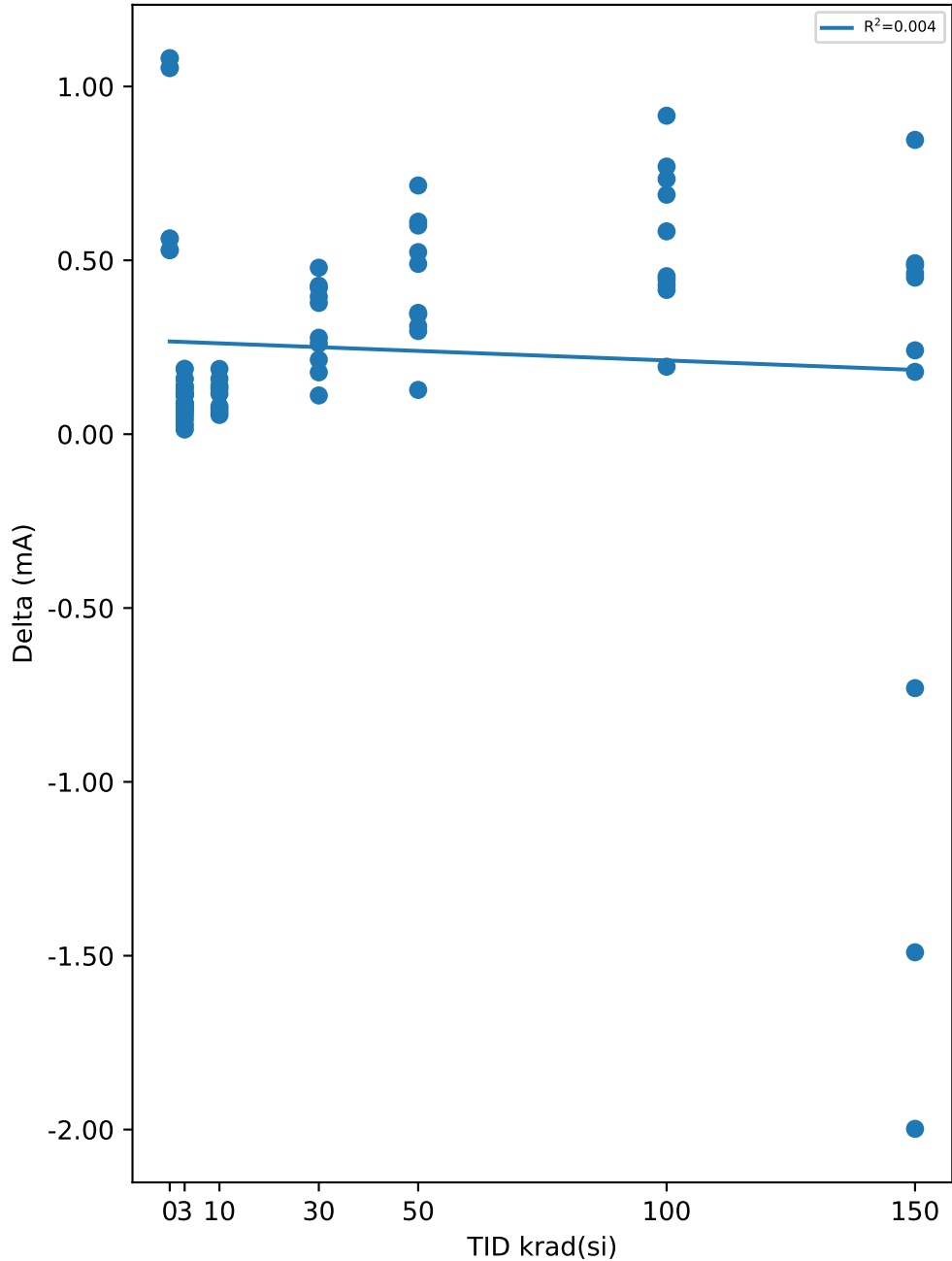
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9181	6.9444	6.9706	0.037123	7.0884	7.1513	7.2142	0.088954	0.1178	0.20695	0.2961	0.12608
3	6.8249	6.957	7.068	0.086936	6.846	6.9911	7.1029	0.091734	0.0199	0.034067	0.0734	0.016709
10	6.8249	6.957	7.068	0.086936	6.8558	6.9946	7.1028	0.087826	0.0309	0.037622	0.0508	0.0070558
30	6.8694	6.9456	7.1095	0.076665	6.942	7.0588	7.2347	0.086468	0.0726	0.1132	0.1575	0.024056
50	6.8694	6.9456	7.1095	0.076665	6.9843	7.0886	7.2491	0.08401	0.1149	0.14306	0.2058	0.032071
100	6.8694	6.9456	7.1095	0.076665	7.0925	7.2118	7.3737	0.089668	0.1931	0.26628	0.4422	0.07107
150	6.7768	6.9442	7.0763	0.09262	7.0913	7.2304	7.3325	0.078484	0.216	0.28625	0.3427	0.041947

Device Test: 36.12 Iop LS VIN PWM 5MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



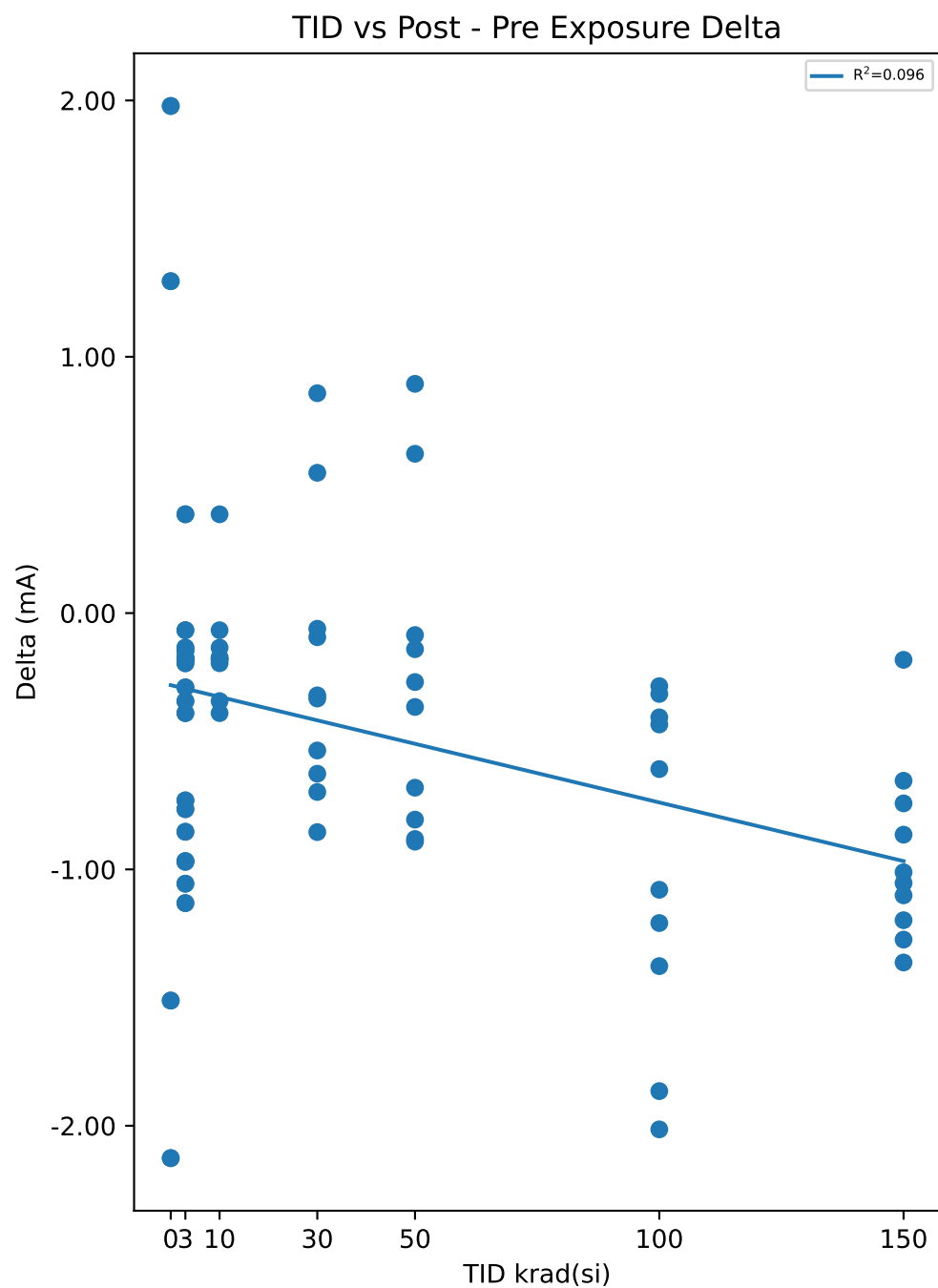
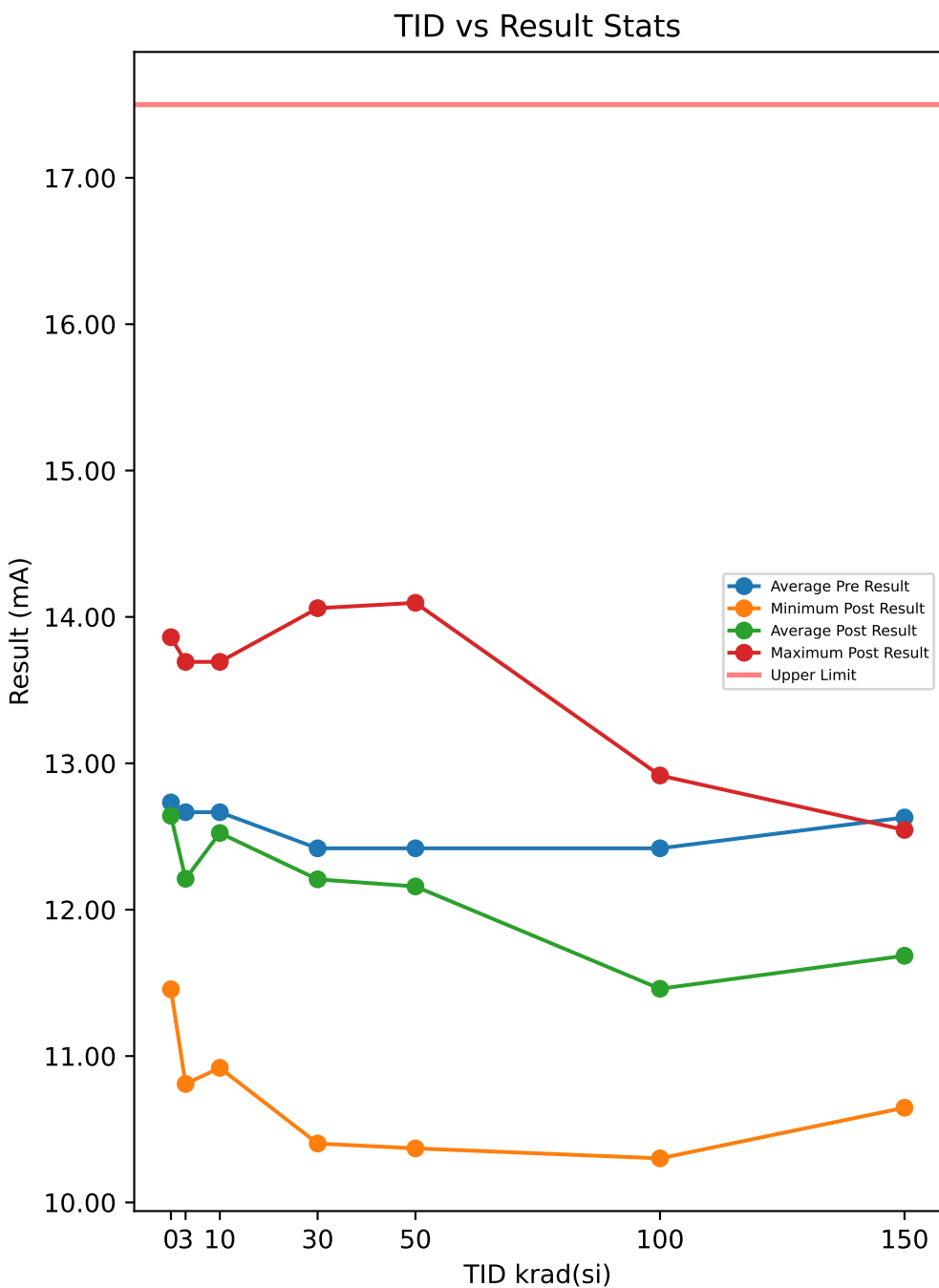
Test Results (Upper Limit = 30.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	18.101	19.154	1.0533
2	0	CORRELATION	18.4	18.963	0.5625
259	3	LDR Biased	18.263	18.353	0.0892
426	3	LDR Biased	18.003	18.121	0.1172
427	3	LDR Biased	18.375	18.389	0.014
428	3	LDR Biased	18	18.027	0.0271
429	3	LDR Unbiased	18.233	18.305	0.0718
430	3	LDR Unbiased	18.159	18.247	0.0883
431	3	LDR Unbiased	18.555	18.666	0.1112
432	3	LDR Unbiased	18.748	18.791	0.0426
433	3	LDR Unbiased	17.998	18.113	0.115
1259	10	LDR Biased	18.263	18.422	0.1589
1426	10	LDR Biased	18.003	18.067	0.0635
1427	10	LDR Biased	18.375	18.43	0.0552
1428	10	LDR Biased	18	18.073	0.0729
1429	10	LDR Unbiased	18.233	18.372	0.1386
1430	10	LDR Unbiased	18.159	18.239	0.0801
1431	10	LDR Unbiased	18.555	18.743	0.1876
1432	10	LDR Unbiased	18.748	18.864	0.1162
1433	10	LDR Unbiased	17.998	18.129	0.131
2434	30	LDR Biased	18.147	18.574	0.4269
2435	30	LDR Biased	18.646	18.757	0.1113
2436	30	LDR Biased	18.501	18.778	0.2773
2437	30	LDR Biased	18.436	18.614	0.1778
2438	30	LDR Biased	18.489	18.749	0.2606
2439	30	LDR Unbiased	17.665	18.086	0.4209
2440	30	LDR Unbiased	17.657	18.135	0.4787
2441	30	LDR Unbiased	18.101	18.496	0.3954
2443	30	LDR Unbiased	18.4	18.614	0.2141
2444	30	LDR Unbiased	18.351	18.728	0.3774
3434	50	LDR Biased	18.147	18.747	0.6
3435	50	LDR Biased	18.646	18.773	0.1273
3436	50	LDR Biased	18.501	18.846	0.3448
3437	50	LDR Biased	18.436	18.732	0.2965
3438	50	LDR Biased	18.489	18.799	0.3106
3439	50	LDR Unbiased	17.665	18.189	0.5236
3440	50	LDR Unbiased	17.657	18.372	0.7152
3441	50	LDR Unbiased	18.101	18.712	0.6111
3443	50	LDR Unbiased	18.4	18.749	0.3488
3444	50	LDR Unbiased	18.351	18.841	0.4897
4434	100	LDR Biased	18.147	18.835	0.6886
4435	100	LDR Biased	18.646	18.84	0.194
4436	100	LDR Biased	18.501	18.916	0.4149
4437	100	LDR Biased	18.436	18.864	0.4286
4438	100	LDR Biased	18.489	18.933	0.4447
4439	100	LDR Unbiased	17.665	18.399	0.7339
4440	100	LDR Unbiased	17.657	18.572	0.9159
4441	100	LDR Unbiased	18.101	18.871	0.7696
4443	100	LDR Unbiased	18.4	18.855	0.4543
4444	100	LDR Unbiased	18.351	18.934	0.5833
4500	150	LDR Biased	18.491	18.941	0.4501
4501	150	LDR Biased	20.29	18.292	-1.998
4502	150	LDR Biased	17.956	18.803	0.8463
4503	150	LDR Biased	18.44	18.931	0.4916
4504	150	LDR Biased	18.978	19.219	0.2411
4505	150	LDR Unbiased	18.471	18.956	0.485
4506	150	LDR Unbiased	18.783	18.962	0.1792
4507	150	LDR Unbiased	18.614	19.077	0.463
4508	150	LDR Unbiased	19.641	18.911	-0.7304
4509	150	LDR Unbiased	20.481	18.991	-1.4902

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	18.101	18.251	18.4	0.21157	18.963	19.059	19.154	0.13548	0.5625	0.8079	1.0533	0.34705
3	17.998	18.259	18.748	0.26255	18.027	18.335	18.791	0.25475	0.014	0.075156	0.1172	0.038963
10	17.998	18.259	18.748	0.26255	18.067	18.371	18.864	0.28391	0.0552	0.11156	0.1876	0.046266
30	17.657	18.239	18.646	0.34474	18.086	18.553	18.778	0.25058	0.1113	0.31404	0.4787	0.12282
50	17.657	18.239	18.646	0.34474	18.189	18.676	18.846	0.21735	0.1273	0.43676	0.7152	0.18027
100	17.657	18.239	18.646	0.34474	18.399	18.802	18.934	0.1753	0.194	0.56278	0.9159	0.21463
150	17.956	19.015	20.481	0.84369	18.292	18.908	19.219	0.24259	-1.998	-0.10623	0.8463	0.96227

Device Test: 36.13 lop HS BOOT PWM 5MHz VIN_12V

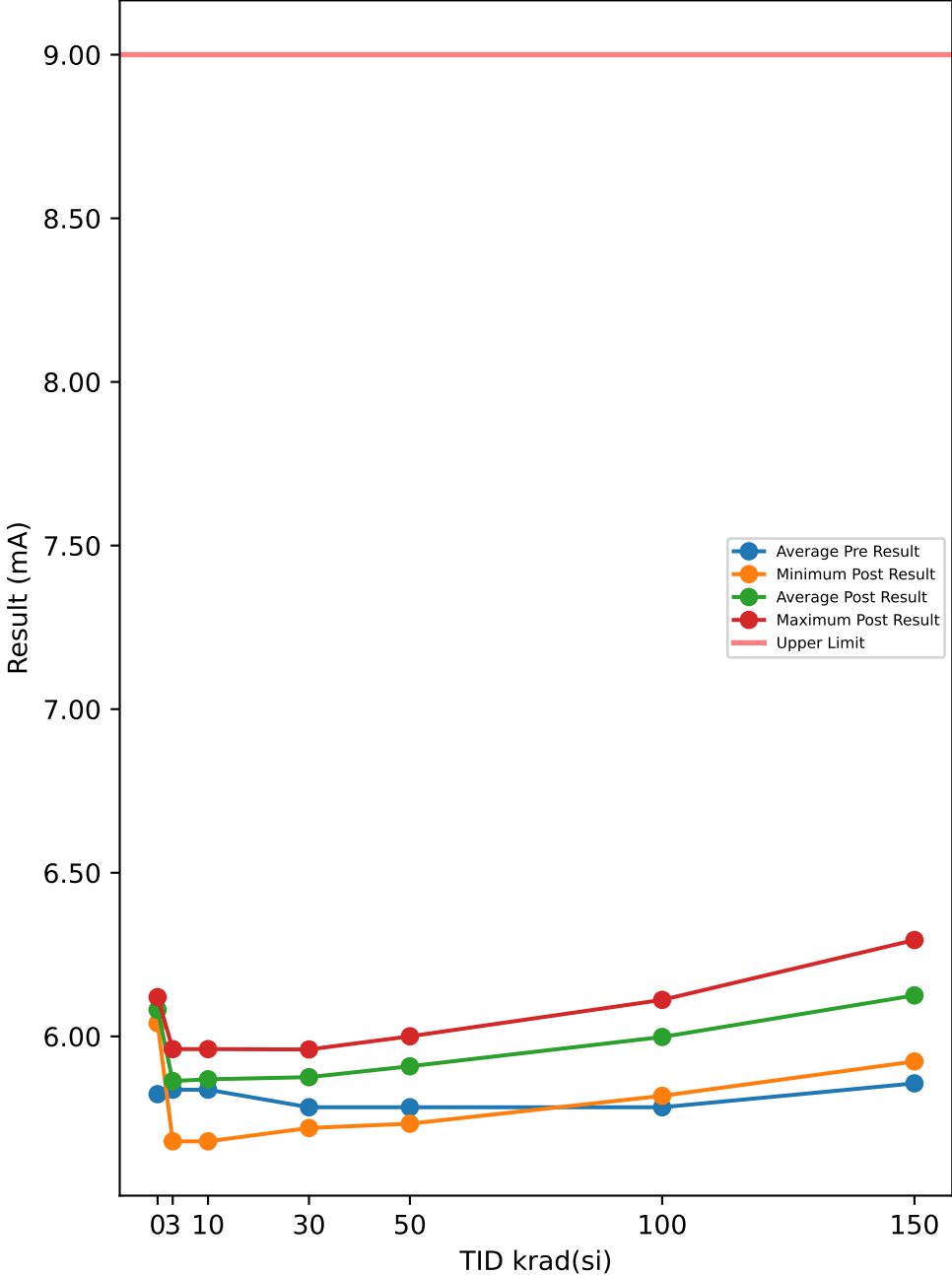


Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	13.582	11.456	-2.1264
2	0	CORRELATION	11.883	13.178	1.2948
259	3	LDR Biased	12.066	11.098	-0.9674
426	3	LDR Biased	12.284	11.519	-0.7649
427	3	LDR Biased	13.529	12.398	-1.1314
428	3	LDR Biased	12.376	11.645	-0.7308
429	3	LDR Unbiased	11.099	10.81	-0.2898
430	3	LDR Unbiased	13.307	13.16	-0.1471
431	3	LDR Unbiased	13.667	12.612	-1.0557
432	3	LDR Unbiased	12.001	11.148	-0.8531
433	3	LDR Unbiased	13.664	12.694	-0.9702
1259	10	LDR Biased	12.066	11.884	-0.1817
1426	10	LDR Biased	12.284	12.088	-0.1956
1427	10	LDR Biased	13.529	13.186	-0.3434
1428	10	LDR Biased	12.376	12.241	-0.1348
1429	10	LDR Unbiased	11.099	10.92	-0.1798
1430	10	LDR Unbiased	13.307	13.693	0.3855
1431	10	LDR Unbiased	13.667	13.495	-0.1722
1432	10	LDR Unbiased	12.001	11.934	-0.0668
1433	10	LDR Unbiased	13.664	13.274	-0.3902
2434	30	LDR Biased	11.06	10.966	-0.0941
2435	30	LDR Biased	13.202	14.06	0.8578
2436	30	LDR Biased	10.736	10.402	-0.3333
2437	30	LDR Biased	13.213	12.677	-0.536
2438	30	LDR Biased	12.576	12.255	-0.321
2439	30	LDR Unbiased	13.583	12.885	-0.6979
2440	30	LDR Unbiased	13.159	13.707	0.5474
2441	30	LDR Unbiased	13.582	12.728	-0.8544
2443	30	LDR Unbiased	11.883	11.257	-0.6266
2444	30	LDR Unbiased	11.198	11.137	-0.0611
3434	50	LDR Biased	11.06	10.919	-0.1408
3435	50	LDR Biased	13.202	14.096	0.8944
3436	50	LDR Biased	10.736	10.369	-0.3662
3437	50	LDR Biased	13.213	12.531	-0.6812
3438	50	LDR Biased	12.576	12.307	-0.269
3439	50	LDR Unbiased	13.583	12.702	-0.8814
3440	50	LDR Unbiased	13.159	13.781	0.6216
3441	50	LDR Unbiased	13.582	12.691	-0.8917
3443	50	LDR Unbiased	11.883	11.077	-0.8058
3444	50	LDR Unbiased	11.198	11.112	-0.0857
4434	100	LDR Biased	11.06	10.744	-0.3154
4435	100	LDR Biased	13.202	12.917	-0.285
4436	100	LDR Biased	10.736	10.301	-0.4346
4437	100	LDR Biased	13.213	11.835	-1.3772
4438	100	LDR Biased	12.576	11.367	-1.2092
4439	100	LDR Unbiased	13.583	11.569	-2.0142
4440	100	LDR Unbiased	13.159	12.753	-0.4067
4441	100	LDR Unbiased	13.582	11.718	-1.8649
4443	100	LDR Unbiased	11.883	10.804	-1.0794
4444	100	LDR Unbiased	11.198	10.589	-0.6086
4500	150	LDR Biased	10.829	10.647	-0.1823
4501	150	LDR Biased	13.489	12.125	-1.3631
4502	150	LDR Biased	13.617	12.516	-1.1012
4503	150	LDR Biased	13.598	12.545	-1.0532
4504	150	LDR Biased	11.725	11.071	-0.6541
4505	150	LDR Unbiased	11.974	11.11	-0.8645
4506	150	LDR Unbiased	12.092	11.35	-0.7424
4507	150	LDR Unbiased	12.119	11.108	-1.0111
4508	150	LDR Unbiased	13.637	12.439	-1.1981
4509	150	LDR Unbiased	13.216	11.942	-1.2739

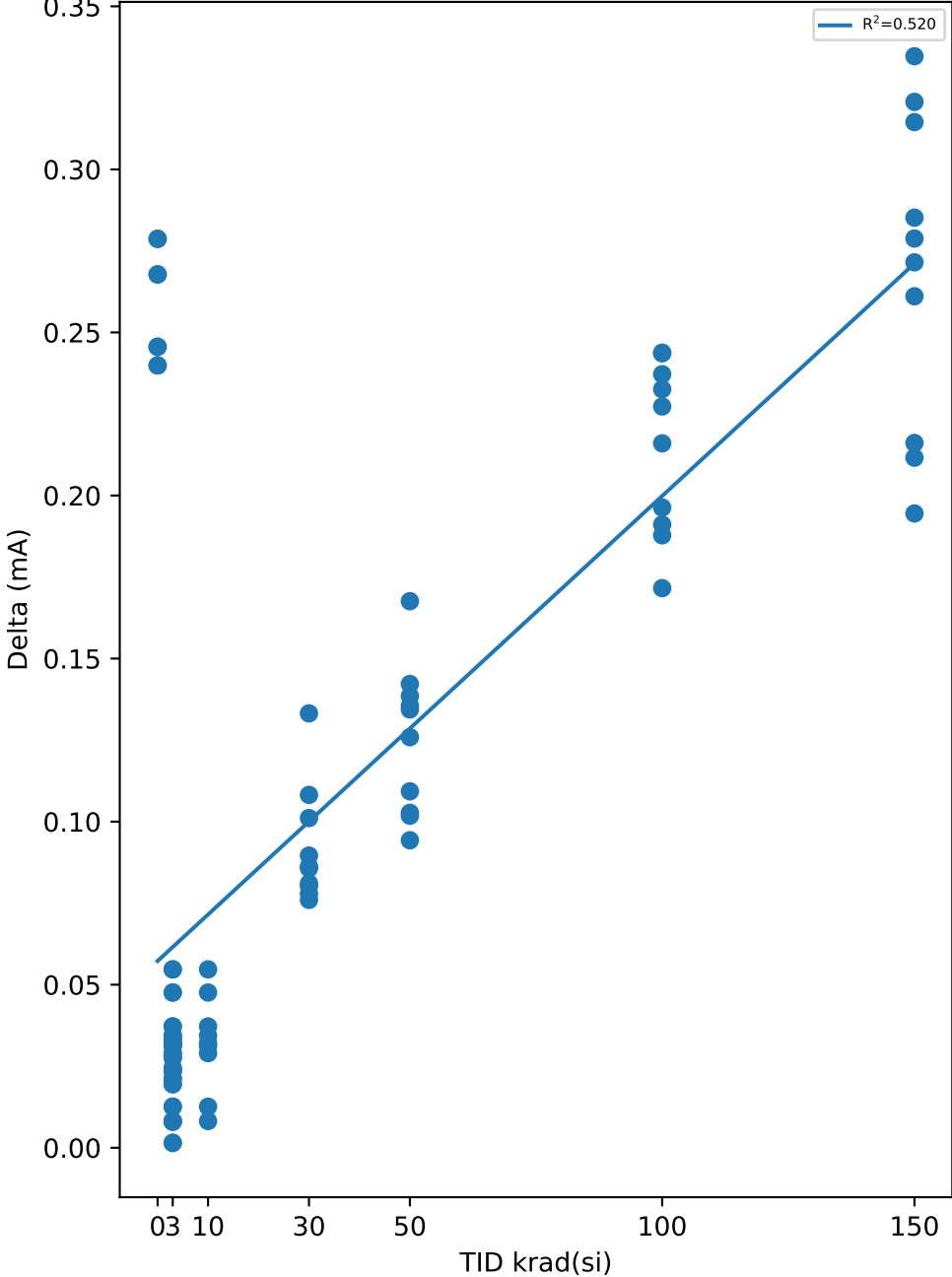
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.883	12.733	13.582	1.2017	11.456	12.317	13.178	1.2175	-2.1264	-0.4158	1.2948	2.4192
3	11.099	12.666	13.667	0.91122	10.81	11.898	13.16	0.83522	-1.1314	-0.76782	-0.1471	0.3388
10	11.099	12.666	13.667	0.91122	10.92	12.524	13.693	0.92948	-0.3902	-0.14211	0.3855	0.22162
30	10.736	12.419	13.583	1.1047	10.402	12.207	14.06	1.224	-0.8544	-0.21192	0.8578	0.54874
50	10.736	12.419	13.583	1.1047	10.369	12.159	14.096	1.2529	-0.8917	-0.26058	0.8944	0.61701
100	10.736	12.419	13.583	1.1047	10.301	11.46	12.917	0.88605	-2.0142	-0.95952	-0.285	0.64613
150	10.829	12.63	13.637	1.0027	10.647	11.685	12.545	0.70632	-1.3631	-0.94439	-0.1823	0.34982

Device Test: 36.14 lop LS VIN IIM Interlock 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 9.0 (mA))

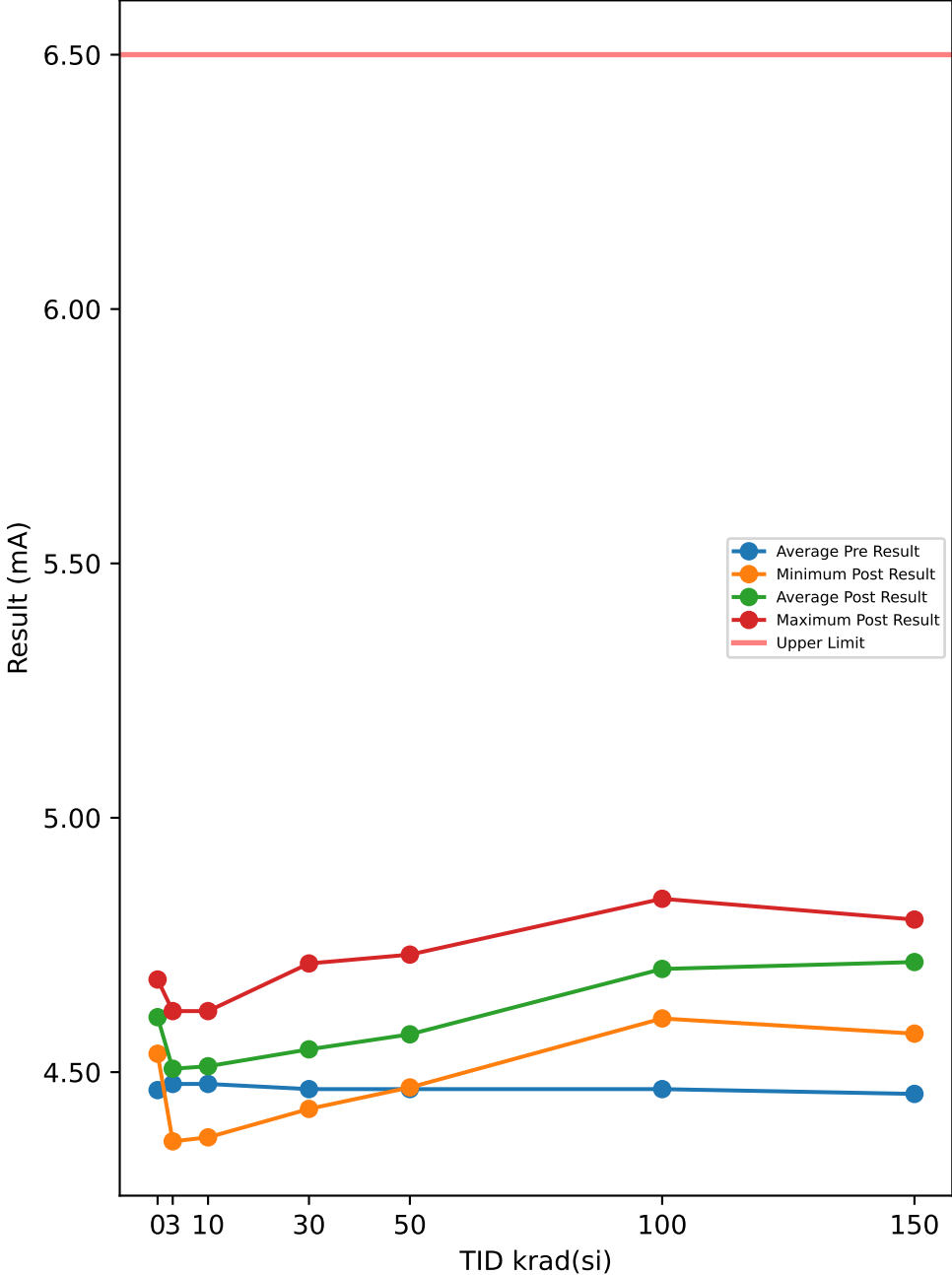
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.8743	6.1199	0.2456
2	0	CORRELATION	5.7725	6.0512	0.2787
259	3	LDR Biased	5.8144	5.8224	0.008
426	3	LDR Biased	5.6711	5.6946	0.0235
427	3	LDR Biased	5.9064	5.9382	0.0318
428	3	LDR Biased	5.798	5.8192	0.0212
429	3	LDR Unbiased	5.7808	5.814	0.0332
430	3	LDR Unbiased	5.9069	5.9313	0.0244
431	3	LDR Unbiased	5.8798	5.8993	0.0195
432	3	LDR Unbiased	5.9071	5.9347	0.0276
433	3	LDR Unbiased	5.8684	5.8699	0.0015
1259	10	LDR Biased	5.8144	5.8488	0.0344
1426	10	LDR Biased	5.6711	5.6793	0.0082
1427	10	LDR Biased	5.9064	5.9611	0.0547
1428	10	LDR Biased	5.798	5.8352	0.0372
1429	10	LDR Unbiased	5.7808	5.812	0.0312
1430	10	LDR Unbiased	5.9069	5.9359	0.029
1431	10	LDR Unbiased	5.8798	5.9274	0.0476
1432	10	LDR Unbiased	5.9071	5.9392	0.0321
1433	10	LDR Unbiased	5.8684	5.881	0.0126
2434	30	LDR Biased	5.7549	5.8881	0.1332
2435	30	LDR Biased	5.8083	5.8862	0.0779
2436	30	LDR Biased	5.7938	5.902	0.1082
2437	30	LDR Biased	5.8277	5.9088	0.0811
2438	30	LDR Biased	5.8624	5.9384	0.076
2439	30	LDR Unbiased	5.6305	5.7201	0.0896
2440	30	LDR Unbiased	5.7185	5.8048	0.0863
2441	30	LDR Unbiased	5.8743	5.96	0.0857
2443	30	LDR Unbiased	5.7725	5.8527	0.0802
2444	30	LDR Unbiased	5.7914	5.8925	0.1011
3434	50	LDR Biased	5.7549	5.9225	0.1676
3435	50	LDR Biased	5.8083	5.9026	0.0943
3436	50	LDR Biased	5.7938	5.9323	0.1385
3437	50	LDR Biased	5.8277	5.9621	0.1344
3438	50	LDR Biased	5.8624	5.9642	0.1018
3439	50	LDR Unbiased	5.6305	5.7332	0.1027
3440	50	LDR Unbiased	5.7185	5.8541	0.1356
3441	50	LDR Unbiased	5.8743	6.0002	0.1259
3443	50	LDR Unbiased	5.7725	5.8818	0.1093
3444	50	LDR Unbiased	5.7914	5.9336	0.1422
4434	100	LDR Biased	5.7549	5.9822	0.2273
4435	100	LDR Biased	5.8083	6.0046	0.1963
4436	100	LDR Biased	5.7938	6.0098	0.216
4437	100	LDR Biased	5.8277	6.0715	0.2438
4438	100	LDR Biased	5.8624	6.034	0.1716
4439	100	LDR Unbiased	5.6305	5.8183	0.1878
4440	100	LDR Unbiased	5.7185	5.9511	0.2326
4441	100	LDR Unbiased	5.8743	6.1115	0.2372
4443	100	LDR Unbiased	5.7725	5.9636	0.1911
4444	100	LDR Unbiased	5.7914	6.035	0.2436
4500	150	LDR Biased	5.8346	6.1061	0.2715
4501	150	LDR Biased	5.7118	5.9234	0.2116
4502	150	LDR Biased	5.6971	5.9582	0.2611
4503	150	LDR Biased	5.9121	6.1066	0.1945
4504	150	LDR Biased	5.9738	6.2945	0.3207
4505	150	LDR Unbiased	5.8511	6.1299	0.2788
4506	150	LDR Unbiased	5.937	6.1531	0.2161
4507	150	LDR Unbiased	5.9532	6.2384	0.2852
4508	150	LDR Unbiased	5.8943	6.229	0.3347
4509	150	LDR Unbiased	5.7993	6.1138	0.3145

Test Statistics (mA)

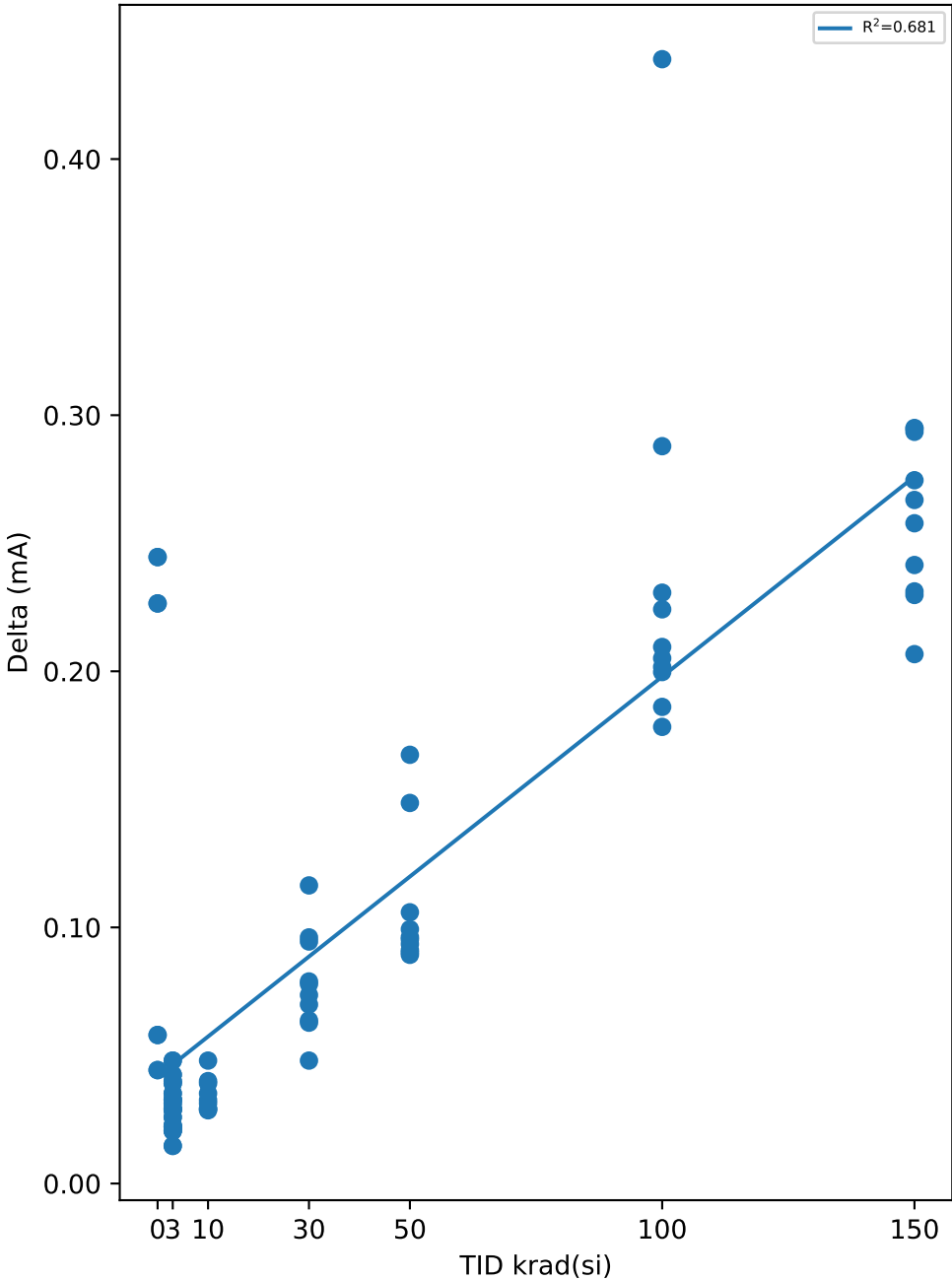
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.7725	5.8234	5.8743	0.071983	6.0512	6.0855	6.1199	0.048578	0.2456	0.26215	0.2787	0.023405
3	5.6711	5.837	5.9071	0.079173	5.6946	5.8582	5.9382	0.079799	0.0015	0.021189	0.0332	0.010477
10	5.6711	5.837	5.9071	0.079173	5.6793	5.8689	5.9611	0.088194	0.0082	0.031889	0.0547	0.014764
30	5.6305	5.7834	5.8743	0.071321	5.7201	5.8754	5.96	0.069232	0.076	0.09193	0.1332	0.017743
50	5.6305	5.7834	5.8743	0.071321	5.7332	5.9087	6.0002	0.074695	0.0943	0.12523	0.1676	0.022897
100	5.6305	5.7834	5.8743	0.071321	5.8183	5.9982	6.1115	0.079622	0.1716	0.21473	0.2438	0.026132
150	5.6971	5.8564	5.9738	0.096746	5.9234	6.1253	6.2945	0.11667	0.1945	0.26887	0.3347	0.048454

Device Test: 36.15 lop HS BOOT IIM Interlock 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



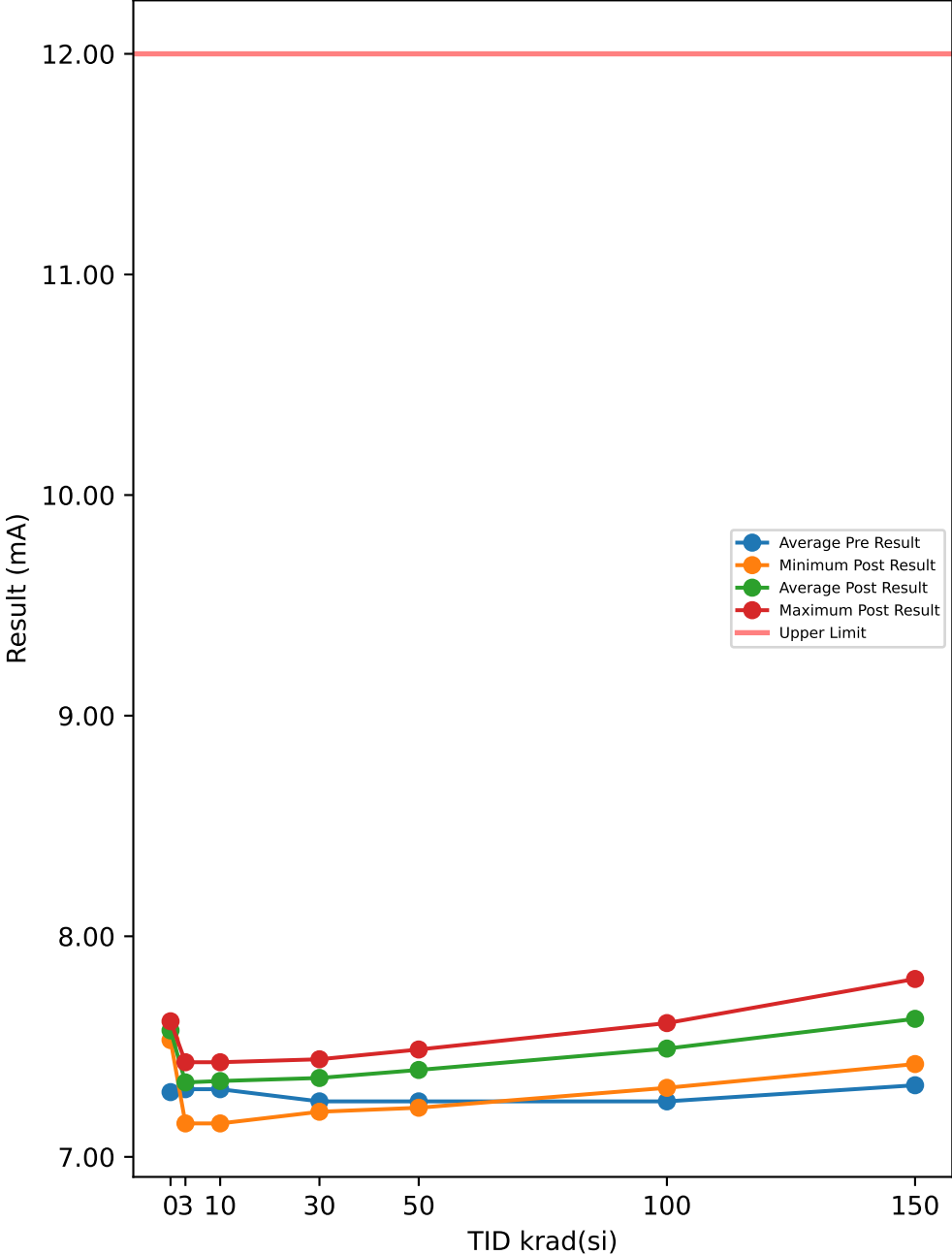
Test Results (Upper Limit = 6.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.4919	4.5499	0.058
2	0	CORRELATION	4.4375	4.6821	0.2446
259	3	LDR Biased	4.4275	4.4502	0.0227
426	3	LDR Biased	4.3432	4.364	0.0208
427	3	LDR Biased	4.5437	4.5659	0.0222
428	3	LDR Biased	4.5498	4.5718	0.022
429	3	LDR Unbiased	4.3505	4.3764	0.0259
430	3	LDR Unbiased	4.4601	4.5026	0.0425
431	3	LDR Unbiased	4.5447	4.5594	0.0147
432	3	LDR Unbiased	4.4868	4.5197	0.0329
433	3	LDR Unbiased	4.5848	4.6053	0.0205
1259	10	LDR Biased	4.4275	4.4666	0.0391
1426	10	LDR Biased	4.3432	4.3718	0.0286
1427	10	LDR Biased	4.5437	4.5729	0.0292
1428	10	LDR Biased	4.5498	4.5824	0.0326
1429	10	LDR Unbiased	4.3505	4.3797	0.0292
1430	10	LDR Unbiased	4.4601	4.5001	0.04
1431	10	LDR Unbiased	4.5447	4.576	0.0313
1432	10	LDR Unbiased	4.4868	4.5348	0.048
1433	10	LDR Unbiased	4.5848	4.62	0.0352
2434	30	LDR Biased	4.3797	4.4277	0.048
2435	30	LDR Biased	4.6357	4.7136	0.0779
2436	30	LDR Biased	4.4096	4.4733	0.0637
2437	30	LDR Biased	4.5514	4.6213	0.0699
2438	30	LDR Biased	4.4407	4.5571	0.1164
2439	30	LDR Unbiased	4.4673	4.5301	0.0628
2440	30	LDR Unbiased	4.4038	4.4774	0.0736
2441	30	LDR Unbiased	4.4919	4.588	0.0961
2443	30	LDR Unbiased	4.4375	4.532	0.0945
2444	30	LDR Unbiased	4.4487	4.5276	0.0789
3434	50	LDR Biased	4.3797	4.4699	0.0902
3435	50	LDR Biased	4.6357	4.731	0.0953
3436	50	LDR Biased	4.4096	4.5089	0.0993
3437	50	LDR Biased	4.5514	4.6407	0.0893
3438	50	LDR Biased	4.4407	4.6081	0.1674
3439	50	LDR Unbiased	4.4673	4.5584	0.0911
3440	50	LDR Unbiased	4.4038	4.5097	0.1059
3441	50	LDR Unbiased	4.4919	4.6405	0.1486
3443	50	LDR Unbiased	4.4375	4.5337	0.0962
3444	50	LDR Unbiased	4.4487	4.5422	0.0935
4434	100	LDR Biased	4.3797	4.8187	0.439
4435	100	LDR Biased	4.6357	4.8408	0.2051
4436	100	LDR Biased	4.4096	4.6093	0.1997
4437	100	LDR Biased	4.5514	4.7609	0.2095
4438	100	LDR Biased	4.4407	4.7286	0.2879
4439	100	LDR Unbiased	4.4673	4.6456	0.1783
4440	100	LDR Unbiased	4.4038	4.6055	0.2017
4441	100	LDR Unbiased	4.4919	4.7226	0.2307
4443	100	LDR Unbiased	4.4375	4.6617	0.2242
4444	100	LDR Unbiased	4.4487	4.6348	0.1861
4500	150	LDR Biased	4.4262	4.7212	0.295
4501	150	LDR Biased	4.3445	4.5757	0.2312
4502	150	LDR Biased	4.4437	4.7372	0.2935
4503	150	LDR Biased	4.4811	4.7389	0.2578
4504	150	LDR Biased	4.4945	4.7614	0.2669
4505	150	LDR Unbiased	4.481	4.7556	0.2746
4506	150	LDR Unbiased	4.4438	4.6736	0.2298
4507	150	LDR Unbiased	4.589	4.7957	0.2067
4508	150	LDR Unbiased	4.5584	4.7999	0.2415
4509	150	LDR Unbiased	4.3099	4.6046	0.2947

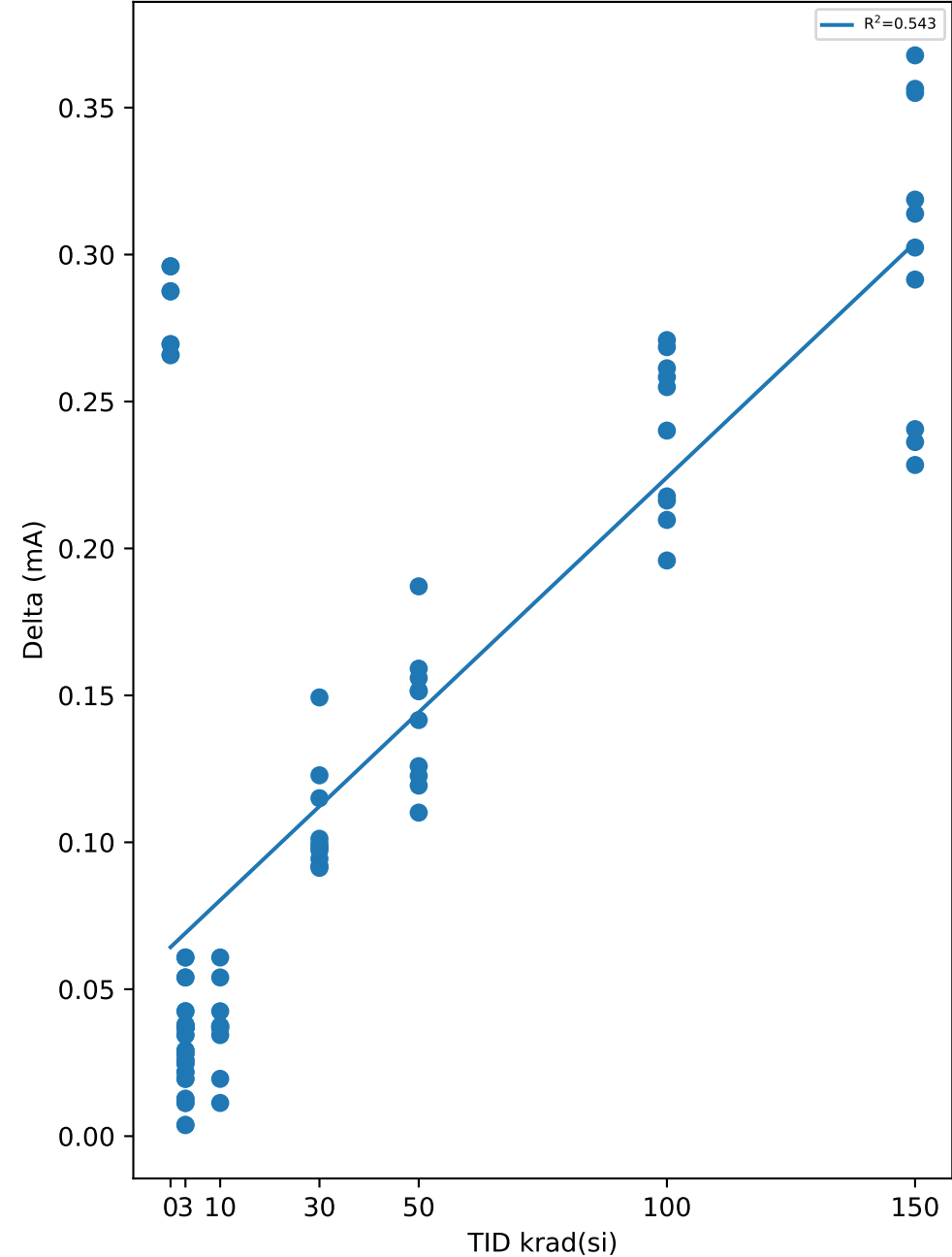
Test Statistics (mA)

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	4.4375	4.4647	4.4919	0.038467	4.5499	4.616	4.6821	0.09348	0.058	0.1513	0.2446	0.13195
3	4.3432	4.4768	4.5848	0.088522	4.364	4.5017	4.6053	0.087132	0.0147	0.024911	0.0425	0.0081816
10	4.3432	4.4768	4.5848	0.088522	4.3718	4.5116	4.62	0.089656	0.0286	0.0348	0.048	0.0065017
30	4.3797	4.4666	4.6357	0.076746	4.4277	4.5448	4.7136	0.081926	0.048	0.07818	0.1164	0.019707
50	4.3797	4.4666	4.6357	0.076746	4.4699	4.5743	4.731	0.079422	0.0893	0.10768	0.1674	0.027323
100	4.3797	4.4666	4.6357	0.076746	4.6055	4.7028	4.8408	0.08479	0.1783	0.23622	0.439	0.077488
150	4.3099	4.4572	4.589	0.085546	4.5757	4.7164	4.7999	0.075947	0.2067	0.25917	0.295	0.031153

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (mA))

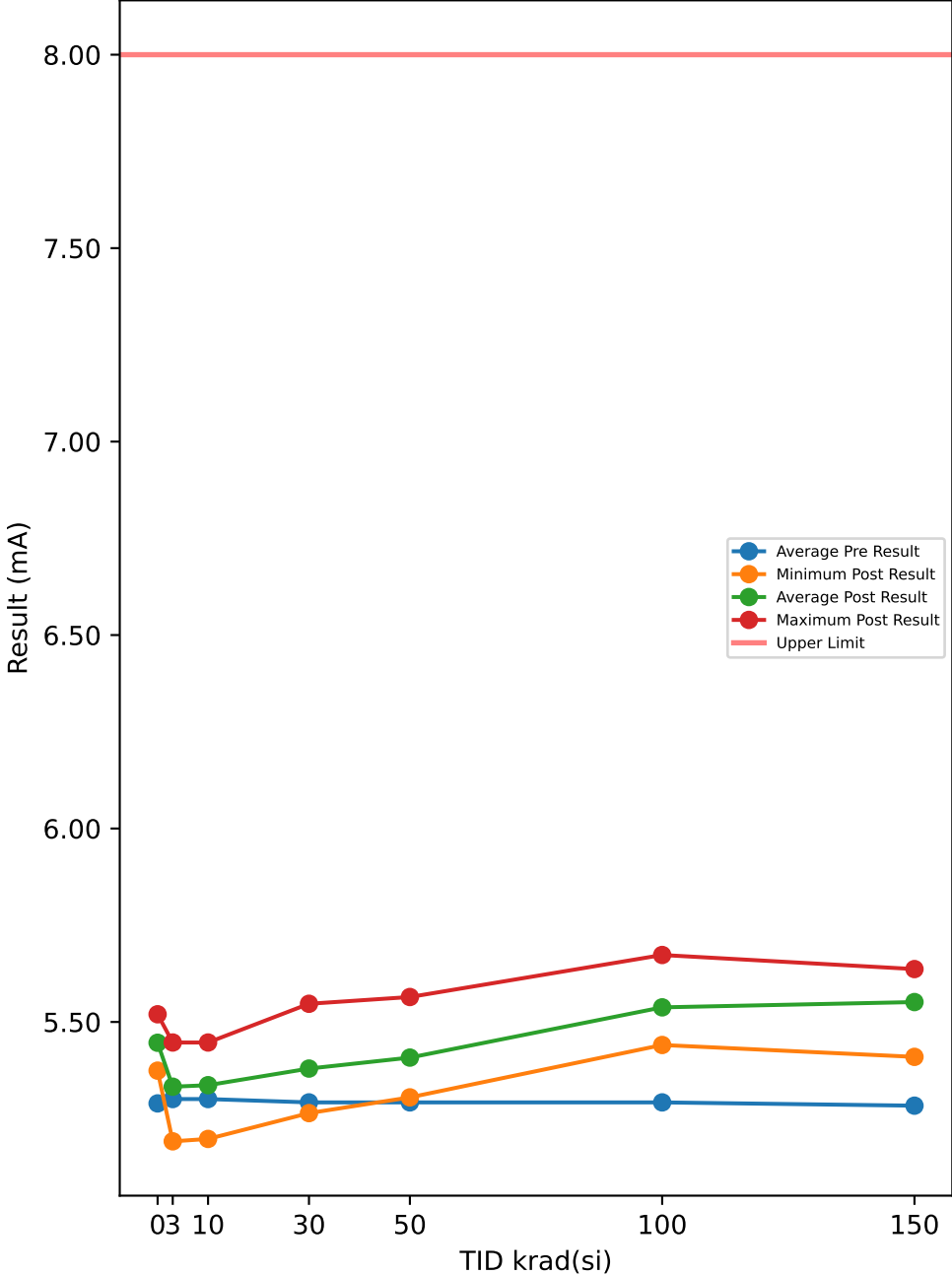
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.3451	7.6146	0.2695
2	0	CORRELATION	7.2419	7.5379	0.296
259	3	LDR Biased	7.2914	7.3041	0.0127
426	3	LDR Biased	7.1403	7.1662	0.0259
427	3	LDR Biased	7.3682	7.4061	0.0379
428	3	LDR Biased	7.2707	7.2954	0.0247
429	3	LDR Unbiased	7.2394	7.2763	0.0369
430	3	LDR Unbiased	7.3713	7.3993	0.028
431	3	LDR Unbiased	7.3522	7.374	0.0218
432	3	LDR Unbiased	7.3821	7.4113	0.0292
433	3	LDR Unbiased	7.345	7.3488	0.0038
1259	10	LDR Biased	7.2914	7.3288	0.0374
1426	10	LDR Biased	7.1403	7.1516	0.0113
1427	10	LDR Biased	7.3682	7.429	0.0608
1428	10	LDR Biased	7.2707	7.3132	0.0425
1429	10	LDR Unbiased	7.2394	7.2768	0.0374
1430	10	LDR Unbiased	7.3713	7.4057	0.0344
1431	10	LDR Unbiased	7.3522	7.4062	0.054
1432	10	LDR Unbiased	7.3821	7.4188	0.0367
1433	10	LDR Unbiased	7.345	7.3645	0.0195
2434	30	LDR Biased	7.2203	7.3696	0.1493
2435	30	LDR Biased	7.273	7.3643	0.0913
2436	30	LDR Biased	7.2656	7.3884	0.1228
2437	30	LDR Biased	7.2903	7.3886	0.0983
2438	30	LDR Biased	7.3333	7.4253	0.092
2439	30	LDR Unbiased	7.1033	7.2045	0.1012
2440	30	LDR Unbiased	7.1779	7.2773	0.0994
2441	30	LDR Unbiased	7.3451	7.4424	0.0973
2443	30	LDR Unbiased	7.2419	7.3363	0.0944
2444	30	LDR Unbiased	7.2643	7.3793	0.115
3434	50	LDR Biased	7.2203	7.4074	0.1871
3435	50	LDR Biased	7.273	7.3831	0.1101
3436	50	LDR Biased	7.2656	7.4215	0.1559
3437	50	LDR Biased	7.2903	7.4419	0.1516
3438	50	LDR Biased	7.3333	7.4559	0.1226
3439	50	LDR Unbiased	7.1033	7.2226	0.1193
3440	50	LDR Unbiased	7.1779	7.3293	0.1514
3441	50	LDR Unbiased	7.3451	7.4867	0.1416
3443	50	LDR Unbiased	7.2419	7.3678	0.1259
3444	50	LDR Unbiased	7.2643	7.4234	0.1591
4434	100	LDR Biased	7.2203	7.4752	0.2549
4435	100	LDR Biased	7.273	7.4907	0.2177
4436	100	LDR Biased	7.2656	7.5057	0.2401
4437	100	LDR Biased	7.2903	7.5588	0.2685
4438	100	LDR Biased	7.3333	7.5292	0.1959
4439	100	LDR Unbiased	7.1033	7.313	0.2097
4440	100	LDR Unbiased	7.1779	7.4362	0.2583
4441	100	LDR Unbiased	7.3451	7.6064	0.2613
4443	100	LDR Unbiased	7.2419	7.4582	0.2163
4444	100	LDR Unbiased	7.2643	7.5352	0.2709
4500	150	LDR Biased	7.2949	7.5973	0.3024
4501	150	LDR Biased	7.1801	7.4207	0.2406
4502	150	LDR Biased	7.1717	7.4632	0.2915
4503	150	LDR Biased	7.3795	7.6079	0.2284
4504	150	LDR Biased	7.45	7.8064	0.3564
4505	150	LDR Unbiased	7.3171	7.631	0.3139
4506	150	LDR Unbiased	7.4123	7.6485	0.2362
4507	150	LDR Unbiased	7.415	7.7337	0.3187
4508	150	LDR Unbiased	7.358	7.7258	0.3678
4509	150	LDR Unbiased	7.2682	7.6232	0.355

Test Statistics (mA)

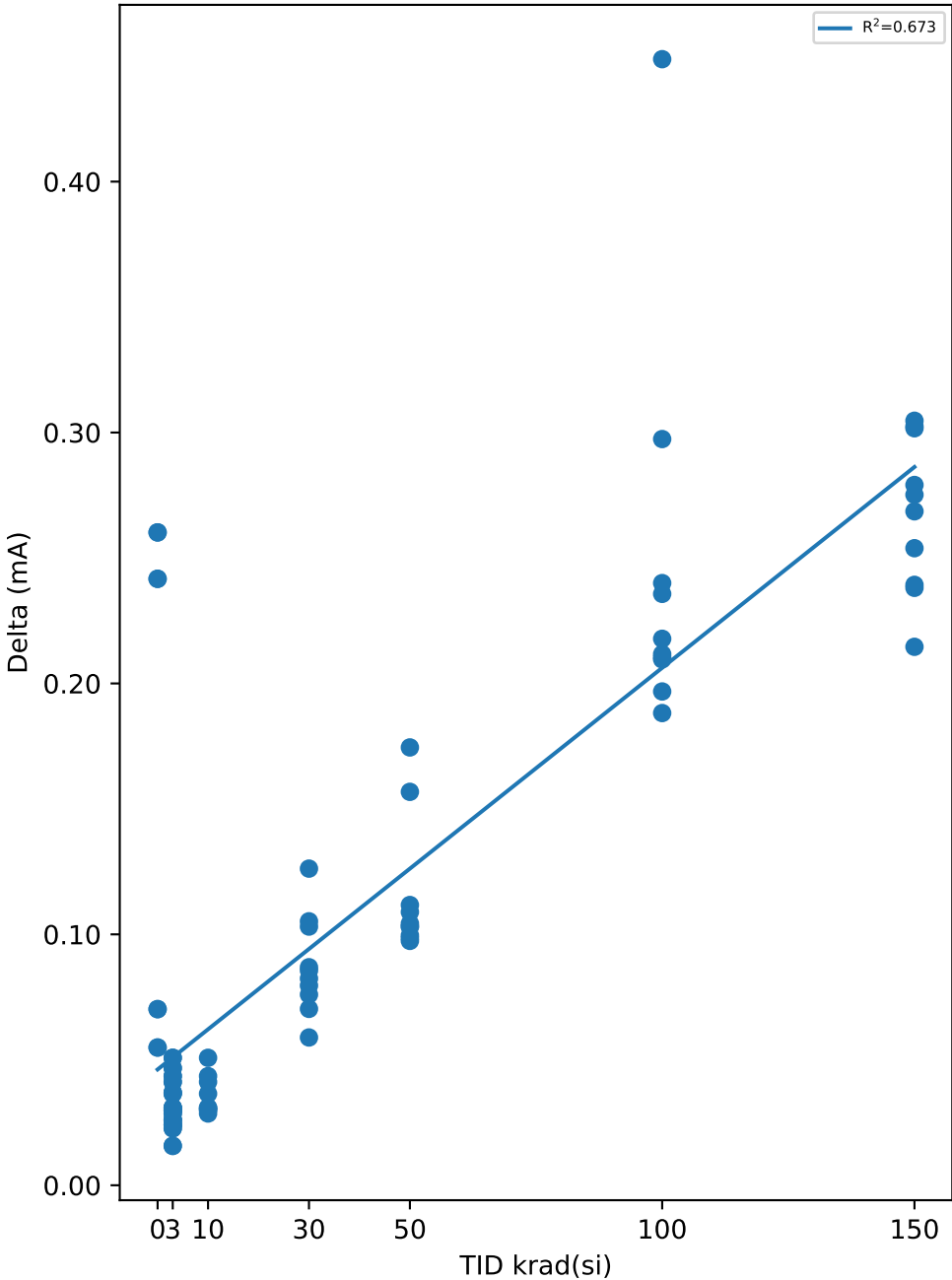
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.2419	7.2935	7.3451	0.072973	7.5379	7.5762	7.6146	0.054235	0.2695	0.28275	0.296	0.018738
3	7.1403	7.3067	7.3821	0.079786	7.1662	7.3313	7.4113	0.079891	0.0038	0.024544	0.0379	0.010867
10	7.1403	7.3067	7.3821	0.079786	7.1516	7.3438	7.429	0.089183	0.0113	0.037111	0.0608	0.015246
30	7.1033	7.2515	7.3451	0.071669	7.2045	7.3576	7.4424	0.070463	0.0913	0.1061	0.1493	0.018216
50	7.1033	7.2515	7.3451	0.071669	7.2226	7.394	7.4867	0.075195	0.1101	0.14246	0.1871	0.023254
100	7.1033	7.2515	7.3451	0.071669	7.313	7.4909	7.6064	0.079969	0.1959	0.23936	0.2709	0.027275
150	7.1717	7.3247	7.45	0.096664	7.4207	7.6258	7.8064	0.11759	0.2284	0.30109	0.3678	0.051787

Device Test: 36.17 Iop HS BOOT IIM Interlock 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



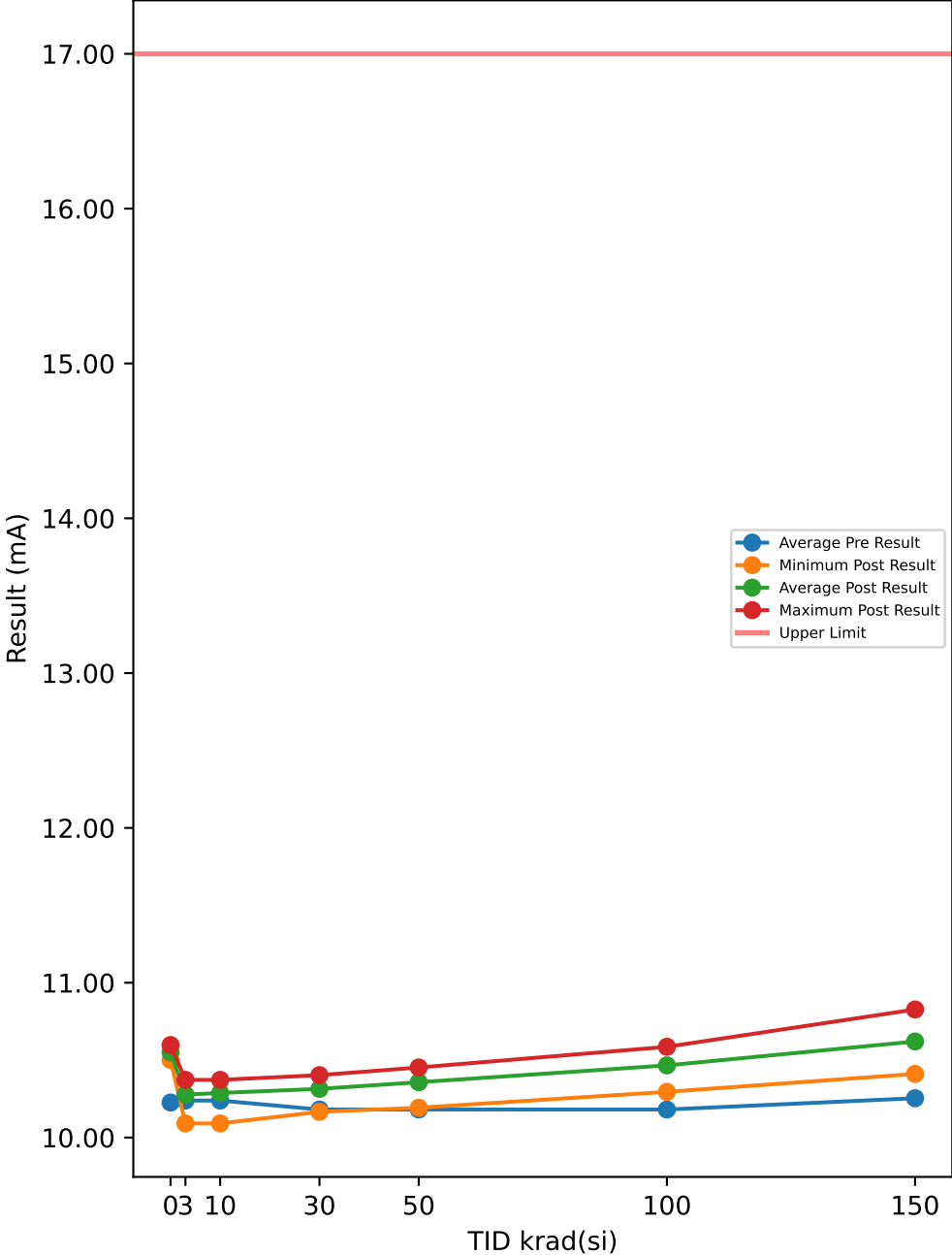
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.3193	5.3895	0.0702
2	0	CORRELATION	5.2597	5.5199	0.2602
259	3	LDR Biased	5.2558	5.282	0.0262
426	3	LDR Biased	5.1675	5.1915	0.024
427	3	LDR Biased	5.3622	5.388	0.0258
428	3	LDR Biased	5.3721	5.3963	0.0242
429	3	LDR Unbiased	5.1702	5.1998	0.0296
430	3	LDR Unbiased	5.2857	5.3324	0.0467
431	3	LDR Unbiased	5.3733	5.389	0.0157
432	3	LDR Unbiased	5.3096	5.3466	0.037
433	3	LDR Unbiased	5.4104	5.4331	0.0227
1259	10	LDR Biased	5.2558	5.2993	0.0435
1426	10	LDR Biased	5.1675	5.1977	0.0302
1427	10	LDR Biased	5.3622	5.3922	0.03
1428	10	LDR Biased	5.3721	5.403	0.0309
1429	10	LDR Unbiased	5.1702	5.1988	0.0286
1430	10	LDR Unbiased	5.2857	5.3269	0.0412
1431	10	LDR Unbiased	5.3733	5.4042	0.0309
1432	10	LDR Unbiased	5.3096	5.3604	0.0508
1433	10	LDR Unbiased	5.4104	5.4469	0.0365
2434	30	LDR Biased	5.2055	5.2644	0.0589
2435	30	LDR Biased	5.4614	5.547	0.0856
2436	30	LDR Biased	5.2328	5.3088	0.076
2437	30	LDR Biased	5.3773	5.4569	0.0796
2438	30	LDR Biased	5.2651	5.3913	0.1262
2439	30	LDR Unbiased	5.291	5.3613	0.0703
2440	30	LDR Unbiased	5.2309	5.3133	0.0824
2441	30	LDR Unbiased	5.3193	5.4245	0.1052
2443	30	LDR Unbiased	5.2597	5.3628	0.1031
2444	30	LDR Unbiased	5.2783	5.3652	0.0869
3434	50	LDR Biased	5.2055	5.3051	0.0996
3435	50	LDR Biased	5.4614	5.5645	0.1031
3436	50	LDR Biased	5.2328	5.3417	0.1089
3437	50	LDR Biased	5.3773	5.4747	0.0974
3438	50	LDR Biased	5.2651	5.4396	0.1745
3439	50	LDR Unbiased	5.291	5.3895	0.0985
3440	50	LDR Unbiased	5.2309	5.3426	0.1117
3441	50	LDR Unbiased	5.3193	5.4761	0.1568
3443	50	LDR Unbiased	5.2597	5.3628	0.1031
3444	50	LDR Unbiased	5.2783	5.3826	0.1043
4434	100	LDR Biased	5.2055	5.6543	0.4488
4435	100	LDR Biased	5.4614	5.6731	0.2117
4436	100	LDR Biased	5.2328	5.4432	0.2104
4437	100	LDR Biased	5.3773	5.5951	0.2178
4438	100	LDR Biased	5.2651	5.5625	0.2974
4439	100	LDR Unbiased	5.291	5.4792	0.1882
4440	100	LDR Unbiased	5.2309	5.4405	0.2096
4441	100	LDR Unbiased	5.3193	5.5593	0.24
4443	100	LDR Unbiased	5.2597	5.4954	0.2357
4444	100	LDR Unbiased	5.2783	5.4751	0.1968
4500	150	LDR Biased	5.2499	5.5516	0.3017
4501	150	LDR Biased	5.1705	5.4098	0.2393
4502	150	LDR Biased	5.272	5.5767	0.3047
4503	150	LDR Biased	5.3082	5.5768	0.2686
4504	150	LDR Biased	5.3228	5.598	0.2752
4505	150	LDR Unbiased	5.3103	5.5894	0.2791
4506	150	LDR Unbiased	5.2725	5.5106	0.2381
4507	150	LDR Unbiased	5.4147	5.6293	0.2146
4508	150	LDR Unbiased	5.3828	5.6367	0.2539
4509	150	LDR Unbiased	5.1329	5.4354	0.3025

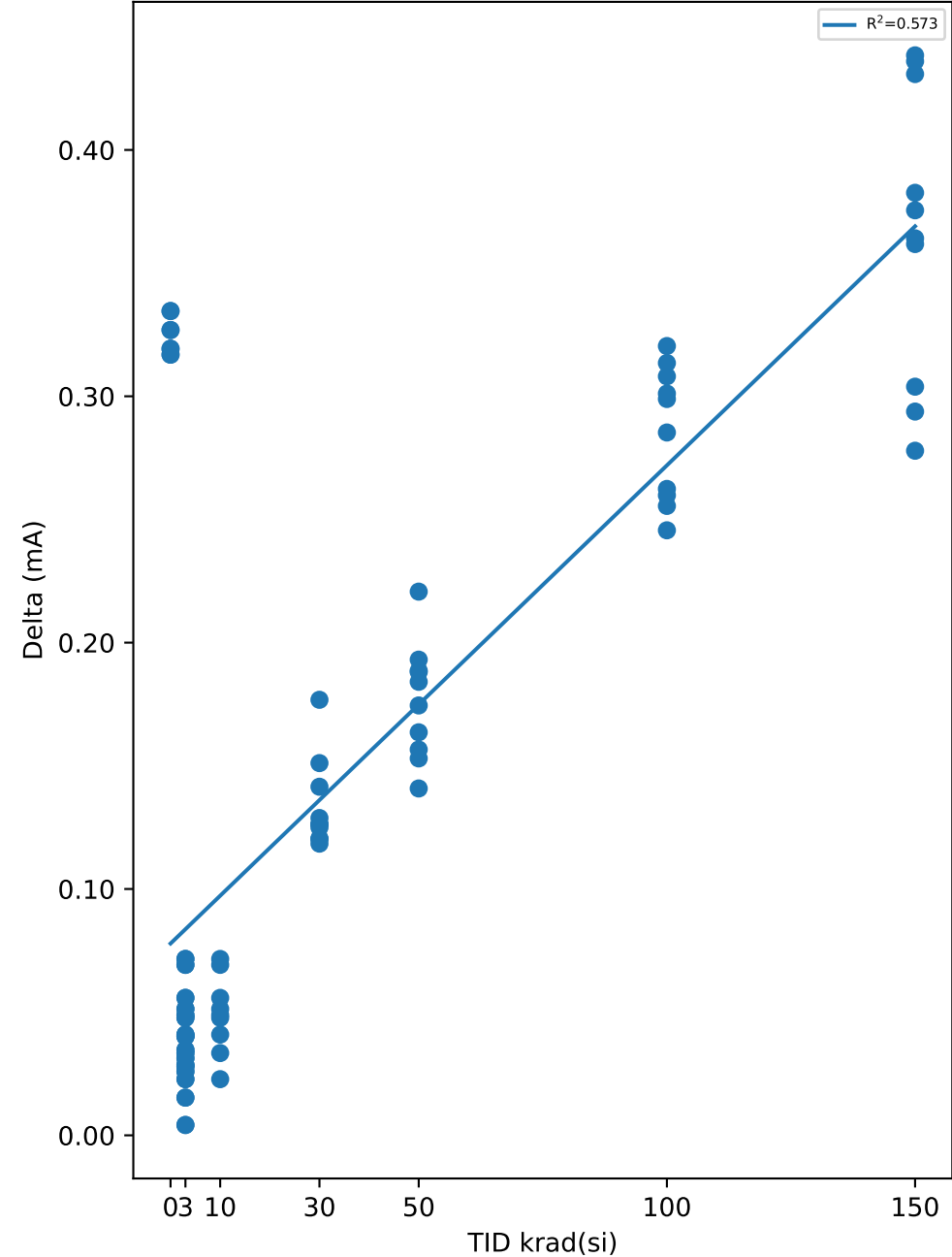
Test Statistics (mA)

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	5.2597	5.2895	5.3193	0.042144	5.3895	5.4547	5.5199	0.092207	0.0702	0.1652	0.2602	0.13435
3	5.1675	5.3008	5.4104	0.088937	5.1915	5.3287	5.4331	0.087017	0.0157	0.027989	0.0467	0.0090218
10	5.1675	5.3008	5.4104	0.088937	5.1977	5.3366	5.4469	0.08984	0.0286	0.035844	0.0508	0.0077361
30	5.2055	5.2921	5.4614	0.077023	5.2644	5.3796	5.547	0.081414	0.0589	0.08742	0.1262	0.019416
50	5.2055	5.2921	5.4614	0.077023	5.3051	5.4079	5.5645	0.079491	0.0974	0.11579	0.1745	0.02697
100	5.2055	5.2921	5.4614	0.077023	5.4405	5.5378	5.6731	0.084204	0.1882	0.24564	0.4488	0.077629
150	5.1329	5.2837	5.4147	0.086138	5.4098	5.5514	5.6367	0.07704	0.2146	0.26777	0.3047	0.03094

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 17.0 (mA))

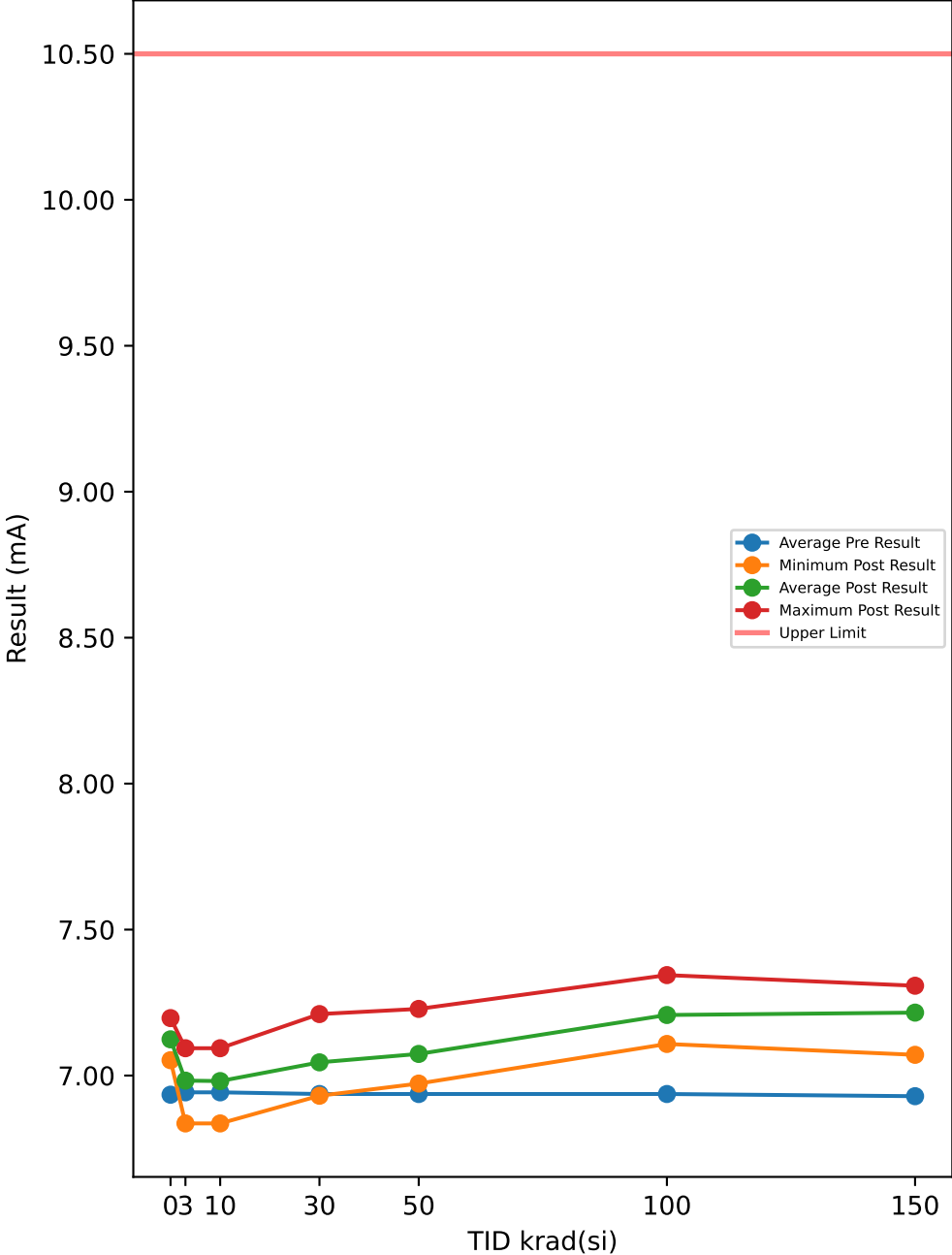
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	10.278	10.595	0.3169
2	0	CORRELATION	10.174	10.509	0.3346
259	3	LDR Biased	10.236	10.251	0.0153
426	3	LDR Biased	10.068	10.096	0.0279
427	3	LDR Biased	10.286	10.326	0.0404
428	3	LDR Biased	10.208	10.237	0.0286
429	3	LDR Unbiased	10.151	10.191	0.0401
430	3	LDR Unbiased	10.296	10.327	0.0313
431	3	LDR Unbiased	10.29	10.316	0.0259
432	3	LDR Unbiased	10.324	10.358	0.0347
433	3	LDR Unbiased	10.291	10.296	0.0042
1259	10	LDR Biased	10.236	10.287	0.0513
1426	10	LDR Biased	10.068	10.091	0.0228
1427	10	LDR Biased	10.286	10.358	0.0716
1428	10	LDR Biased	10.208	10.264	0.0558
1429	10	LDR Unbiased	10.151	10.198	0.0477
1430	10	LDR Unbiased	10.296	10.337	0.0409
1431	10	LDR Unbiased	10.29	10.359	0.0692
1432	10	LDR Unbiased	10.324	10.372	0.0488
1433	10	LDR Unbiased	10.291	10.325	0.0334
2434	30	LDR Biased	10.149	10.325	0.1768
2435	30	LDR Biased	10.196	10.314	0.1184
2436	30	LDR Biased	10.203	10.354	0.1511
2437	30	LDR Biased	10.21	10.339	0.1288
2438	30	LDR Biased	10.27	10.39	0.1203
2439	30	LDR Unbiased	10.04	10.166	0.1263
2440	30	LDR Unbiased	10.087	10.214	0.1264
2441	30	LDR Unbiased	10.278	10.403	0.125
2443	30	LDR Unbiased	10.174	10.294	0.1205
2444	30	LDR Unbiased	10.203	10.344	0.1415
3434	50	LDR Biased	10.149	10.369	0.2207
3435	50	LDR Biased	10.196	10.337	0.1408
3436	50	LDR Biased	10.203	10.392	0.1881
3437	50	LDR Biased	10.21	10.399	0.1886
3438	50	LDR Biased	10.27	10.427	0.1566
3439	50	LDR Unbiased	10.04	10.193	0.153
3440	50	LDR Unbiased	10.087	10.271	0.1841
3441	50	LDR Unbiased	10.278	10.453	0.1745
3443	50	LDR Unbiased	10.174	10.338	0.1636
3444	50	LDR Unbiased	10.203	10.396	0.1931
4434	100	LDR Biased	10.149	10.448	0.2989
4435	100	LDR Biased	10.196	10.456	0.2598
4436	100	LDR Biased	10.203	10.489	0.2853
4437	100	LDR Biased	10.21	10.524	0.3135
4438	100	LDR Biased	10.27	10.515	0.2456
4439	100	LDR Unbiased	10.04	10.295	0.2555
4440	100	LDR Unbiased	10.087	10.388	0.3011
4441	100	LDR Unbiased	10.278	10.586	0.3081
4443	100	LDR Unbiased	10.174	10.436	0.2624
4444	100	LDR Unbiased	10.203	10.523	0.3204
4500	150	LDR Biased	10.208	10.572	0.3641
4501	150	LDR Biased	10.107	10.411	0.3039
4502	150	LDR Biased	10.111	10.473	0.3618
4503	150	LDR Biased	10.311	10.605	0.2938
4504	150	LDR Biased	10.396	10.827	0.4308
4505	150	LDR Unbiased	10.243	10.619	0.3755
4506	150	LDR Unbiased	10.355	10.633	0.2779
4507	150	LDR Unbiased	10.333	10.716	0.3826
4508	150	LDR Unbiased	10.275	10.711	0.436
4509	150	LDR Unbiased	10.2	10.638	0.4384

Test Statistics (mA)

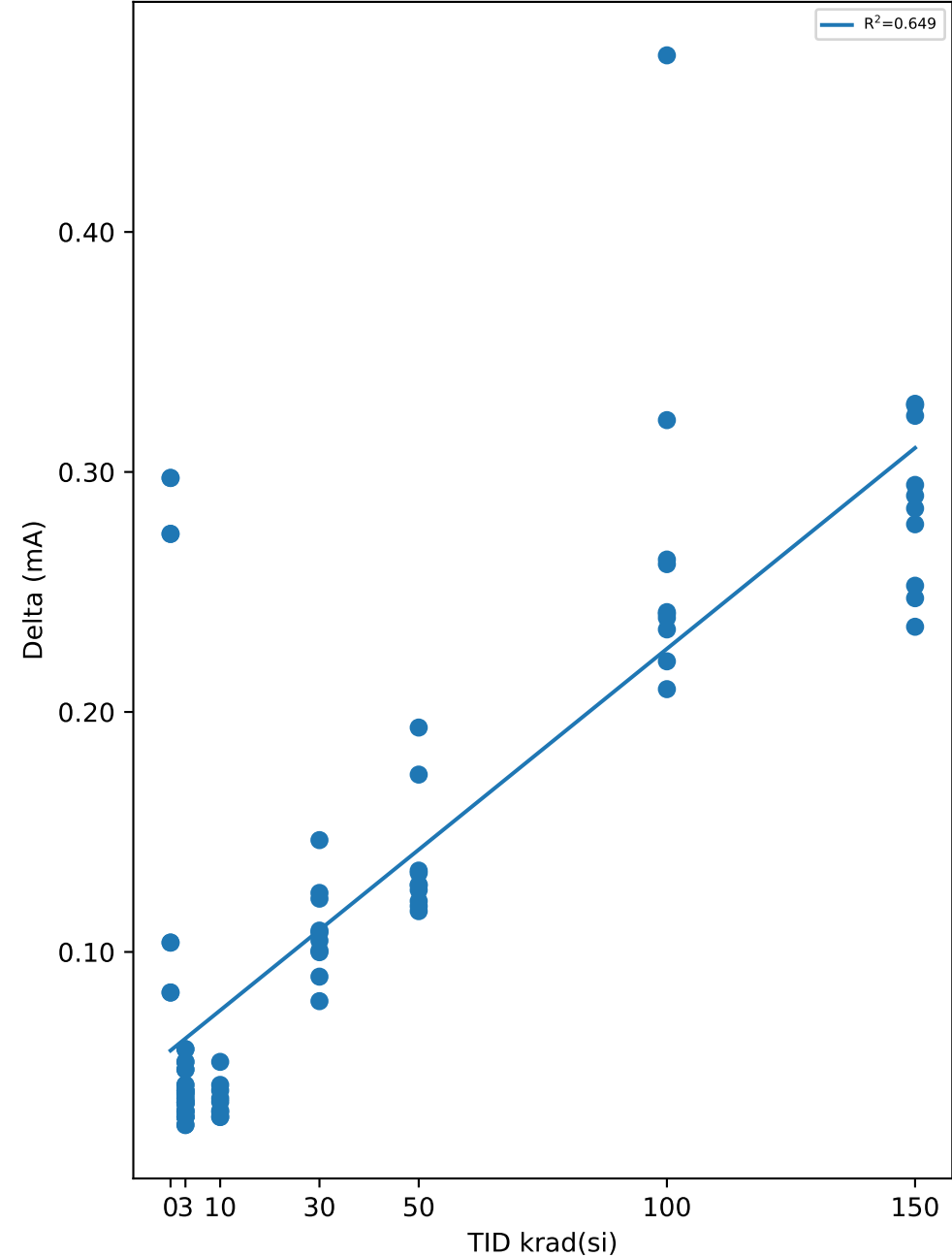
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.174	10.226	10.278	0.073539	10.509	10.552	10.595	0.061023	0.3169	0.32575	0.3346	0.012516
3	10.068	10.239	10.324	0.083535	10.096	10.267	10.358	0.082784	0.0042	0.0276	0.0404	0.011657
10	10.068	10.239	10.324	0.083535	10.091	10.288	10.372	0.092279	0.0228	0.049056	0.0716	0.015682
30	10.04	10.181	10.278	0.073956	10.166	10.314	10.403	0.074095	0.1184	0.13351	0.1768	0.018308
50	10.04	10.181	10.278	0.073956	10.193	10.357	10.453	0.077233	0.1408	0.17631	0.2207	0.023477
100	10.04	10.181	10.278	0.073956	10.295	10.466	10.586	0.082007	0.2456	0.28506	0.3204	0.027121
150	10.107	10.254	10.396	0.098587	10.411	10.62	10.827	0.11953	0.2779	0.36648	0.4384	0.059214

Device Test: 36.19 lop HS BOOT IIM Interlock 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 10.5 (mA))

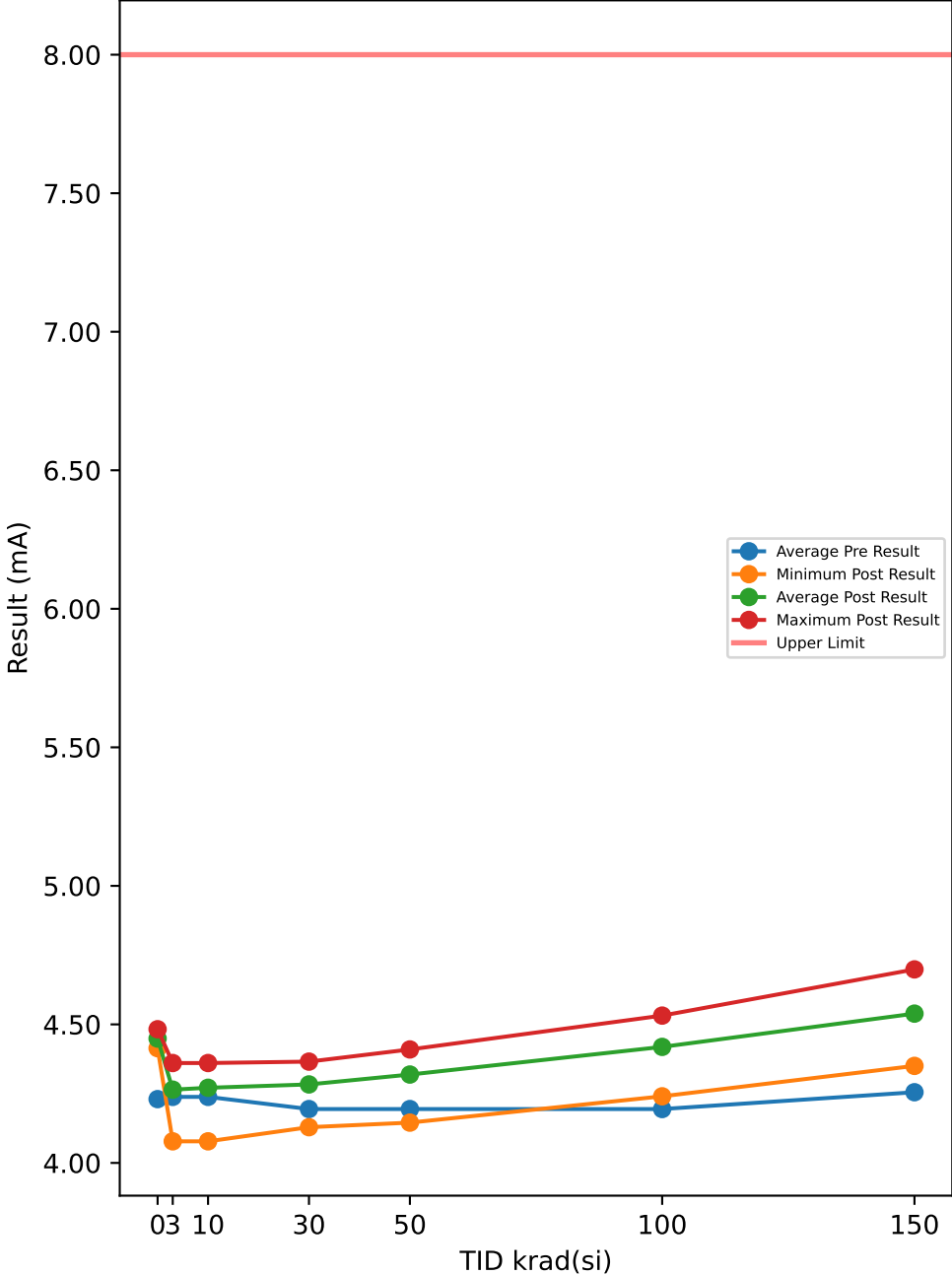
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.9695	7.0734	0.1039
2	0	CORRELATION	6.8993	7.1968	0.2975
259	3	LDR Biased	6.9093	6.9466	0.0373
426	3	LDR Biased	6.811	6.8477	0.0367
427	3	LDR Biased	6.99	7.0321	0.0421
428	3	LDR Biased	7.0039	7.0447	0.0408
429	3	LDR Unbiased	6.8047	6.8462	0.0415
430	3	LDR Unbiased	6.9314	6.9909	0.0595
431	3	LDR Unbiased	7.0246	7.0525	0.0279
432	3	LDR Unbiased	6.953	7.004	0.051
433	3	LDR Unbiased	7.0546	7.0919	0.0373
1259	10	LDR Biased	6.9093	6.9539	0.0446
1426	10	LDR Biased	6.811	6.8443	0.0333
1427	10	LDR Biased	6.99	7.0239	0.0339
1428	10	LDR Biased	7.0039	7.0414	0.0375
1429	10	LDR Unbiased	6.8047	6.836	0.0313
1430	10	LDR Unbiased	6.9314	6.9737	0.0423
1431	10	LDR Unbiased	7.0246	7.0558	0.0312
1432	10	LDR Unbiased	6.953	7.0072	0.0542
1433	10	LDR Unbiased	7.0546	7.0936	0.039
2434	30	LDR Biased	6.8513	6.9308	0.0795
2435	30	LDR Biased	7.1025	7.2106	0.1081
2436	30	LDR Biased	6.8747	6.9746	0.0999
2437	30	LDR Biased	7.0238	7.1244	0.1006
2438	30	LDR Biased	6.9076	7.0542	0.1466
2439	30	LDR Unbiased	6.933	7.0227	0.0897
2440	30	LDR Unbiased	6.8738	6.9785	0.1047
2441	30	LDR Unbiased	6.9695	7.0917	0.1222
2443	30	LDR Unbiased	6.8993	7.0239	0.1246
2444	30	LDR Unbiased	6.9321	7.041	0.1089
3434	50	LDR Biased	6.8513	6.9725	0.1212
3435	50	LDR Biased	7.1025	7.2283	0.1258
3436	50	LDR Biased	6.8747	7.0076	0.1329
3437	50	LDR Biased	7.0238	7.1408	0.117
3438	50	LDR Biased	6.9076	7.1011	0.1935
3439	50	LDR Unbiased	6.933	7.0521	0.1191
3440	50	LDR Unbiased	6.8738	7.0077	0.1339
3441	50	LDR Unbiased	6.9695	7.1434	0.1739
3443	50	LDR Unbiased	6.8993	7.0271	0.1278
3444	50	LDR Unbiased	6.9321	7.0601	0.128
4434	100	LDR Biased	6.8513	7.3249	0.4736
4435	100	LDR Biased	7.1025	7.3441	0.2416
4436	100	LDR Biased	6.8747	7.1155	0.2408
4437	100	LDR Biased	7.0238	7.263	0.2392
4438	100	LDR Biased	6.9076	7.2292	0.3216
4439	100	LDR Unbiased	6.933	7.1425	0.2095
4440	100	LDR Unbiased	6.8738	7.1082	0.2344
4441	100	LDR Unbiased	6.9695	7.233	0.2635
4443	100	LDR Unbiased	6.8993	7.1609	0.2616
4444	100	LDR Unbiased	6.9321	7.1532	0.2211
4500	150	LDR Biased	6.8868	7.2102	0.3234
4501	150	LDR Biased	6.8184	7.071	0.2526
4502	150	LDR Biased	6.9213	7.2497	0.3284
4503	150	LDR Biased	6.9606	7.2454	0.2848
4504	150	LDR Biased	6.9675	7.2621	0.2946
4505	150	LDR Unbiased	6.9578	7.2479	0.2901
4506	150	LDR Unbiased	6.9249	7.1723	0.2474
4507	150	LDR Unbiased	7.056	7.2915	0.2355
4508	150	LDR Unbiased	7.0295	7.3077	0.2782
4509	150	LDR Unbiased	6.77	7.0978	0.3278

Test Statistics (mA)

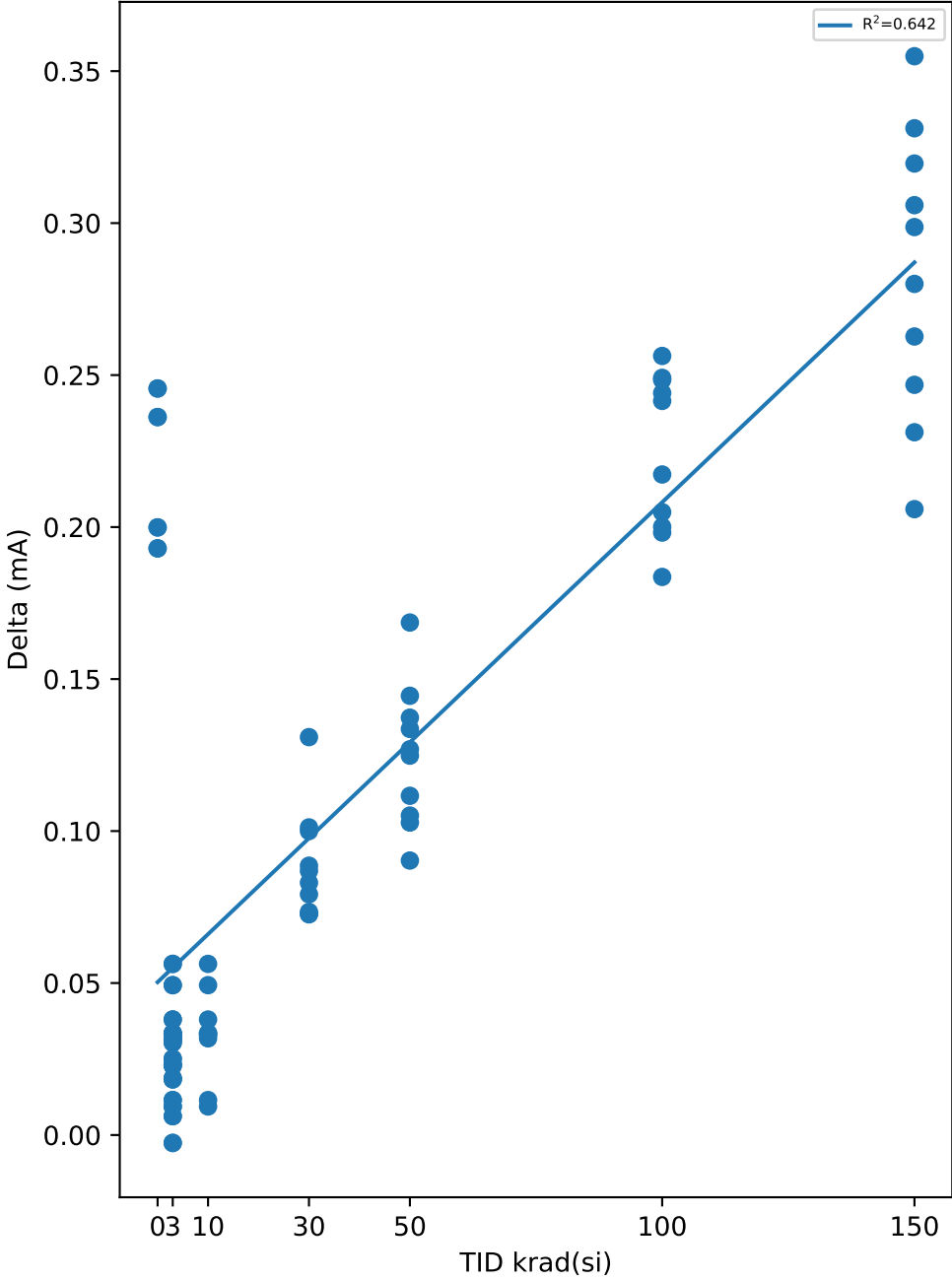
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.8993	6.9344	6.9695	0.049639	7.0734	7.1351	7.1968	0.087257	0.1039	0.2007	0.2975	0.1369
3	6.8047	6.9425	7.0546	0.088706	6.8462	6.9841	7.0919	0.087853	0.0279	0.041567	0.0595	0.0090715
10	6.8047	6.9425	7.0546	0.088706	6.836	6.9811	7.0936	0.090103	0.0312	0.038589	0.0542	0.007522
30	6.8513	6.9368	7.1025	0.077119	6.9308	7.0452	7.2106	0.081221	0.0795	0.10848	0.1466	0.018986
50	6.8513	6.9368	7.1025	0.077119	6.9725	7.0741	7.2283	0.078741	0.117	0.13731	0.1935	0.025474
100	6.8513	6.9368	7.1025	0.077119	7.1082	7.2074	7.3441	0.084534	0.2095	0.27069	0.4736	0.077567
150	6.77	6.9293	7.056	0.087502	7.071	7.2156	7.3077	0.079015	0.2355	0.28628	0.3284	0.03375

Device Test: 36.2 Iq LS VIN IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



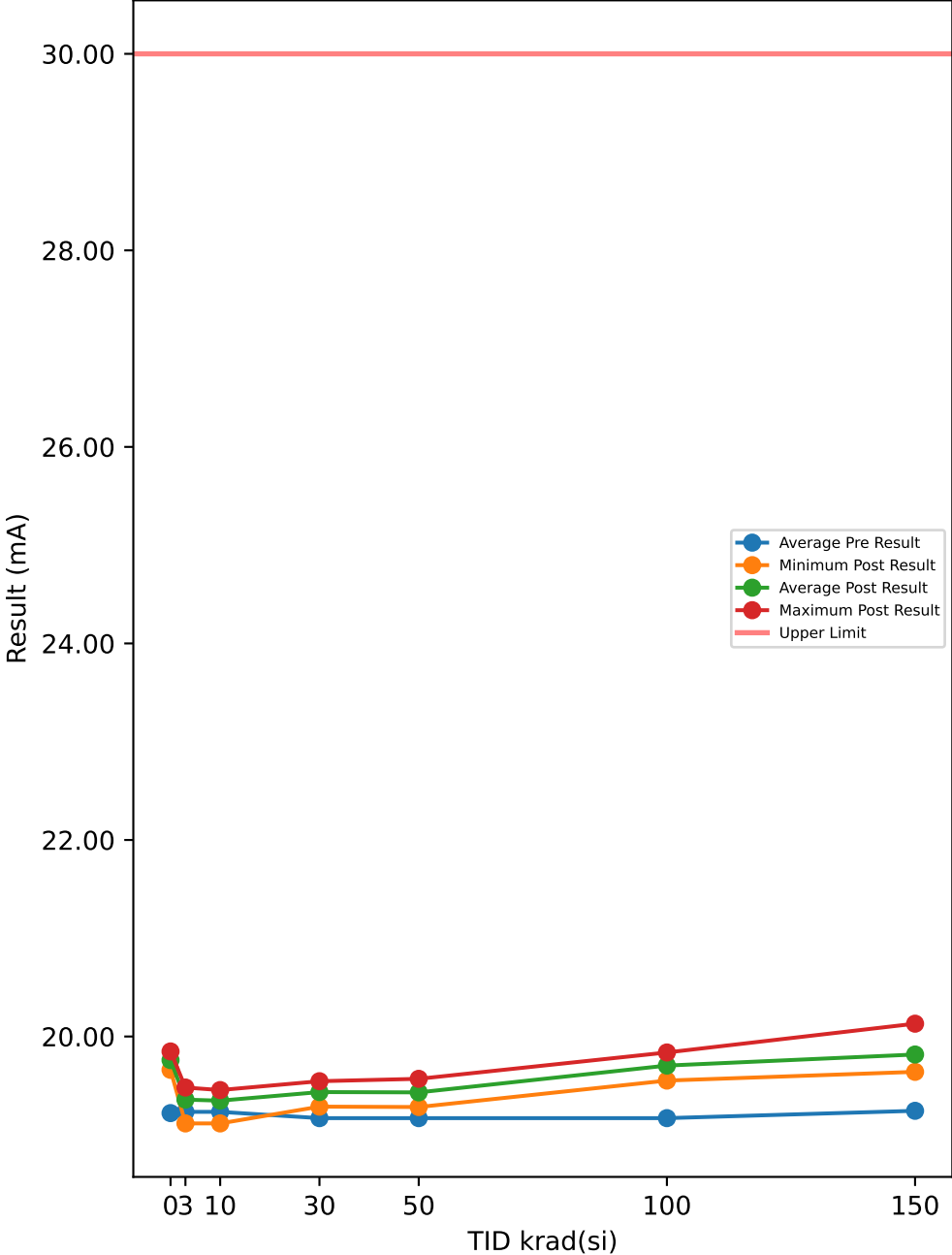
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.2826	4.4825	0.1999
2	0	CORRELATION	4.1779	4.4235	0.2456
259	3	LDR Biased	4.2085	4.2147	0.0062
426	3	LDR Biased	4.0685	4.0913	0.0228
427	3	LDR Biased	4.3042	4.3356	0.0314
428	3	LDR Biased	4.1845	4.2032	0.0187
429	3	LDR Unbiased	4.196	4.2264	0.0304
430	3	LDR Unbiased	4.3088	4.3321	0.0233
431	3	LDR Unbiased	4.2892	4.3075	0.0183
432	3	LDR Unbiased	4.3021	4.3272	0.0251
433	3	LDR Unbiased	4.2831	4.2805	-0.0026
1259	10	LDR Biased	4.2085	4.2419	0.0334
1426	10	LDR Biased	4.0685	4.0779	0.0094
1427	10	LDR Biased	4.3042	4.3605	0.0563
1428	10	LDR Biased	4.1845	4.2225	0.038
1429	10	LDR Unbiased	4.196	4.2289	0.0329
1430	10	LDR Unbiased	4.3088	4.3406	0.0318
1431	10	LDR Unbiased	4.2892	4.3385	0.0493
1432	10	LDR Unbiased	4.3021	4.3356	0.0335
1433	10	LDR Unbiased	4.2831	4.2946	0.0115
2434	30	LDR Biased	4.1687	4.2996	0.1309
2435	30	LDR Biased	4.2271	4.2999	0.0728
2436	30	LDR Biased	4.1983	4.2995	0.1012
2437	30	LDR Biased	4.261	4.3344	0.0734
2438	30	LDR Biased	4.261	4.3336	0.0726
2439	30	LDR Unbiased	4.0403	4.1289	0.0886
2440	30	LDR Unbiased	4.1367	4.2236	0.0869
2441	30	LDR Unbiased	4.2826	4.3656	0.083
2443	30	LDR Unbiased	4.1779	4.2571	0.0792
2444	30	LDR Unbiased	4.1905	4.2905	0.1
3434	50	LDR Biased	4.1687	4.3373	0.1686
3435	50	LDR Biased	4.2271	4.3174	0.0903
3436	50	LDR Biased	4.1983	4.3319	0.1336
3437	50	LDR Biased	4.261	4.3858	0.1248
3438	50	LDR Biased	4.261	4.3638	0.1028
3439	50	LDR Unbiased	4.0403	4.1454	0.1051
3440	50	LDR Unbiased	4.1367	4.274	0.1373
3441	50	LDR Unbiased	4.2826	4.4095	0.1269
3443	50	LDR Unbiased	4.1779	4.2895	0.1116
3444	50	LDR Unbiased	4.1905	4.335	0.1445
4434	100	LDR Biased	4.1687	4.4102	0.2415
4435	100	LDR Biased	4.2271	4.4253	0.1982
4436	100	LDR Biased	4.1983	4.4156	0.2173
4437	100	LDR Biased	4.261	4.5051	0.2441
4438	100	LDR Biased	4.261	4.4446	0.1836
4439	100	LDR Unbiased	4.0403	4.2404	0.2001
4440	100	LDR Unbiased	4.1367	4.3851	0.2484
4441	100	LDR Unbiased	4.2826	4.5317	0.2491
4443	100	LDR Unbiased	4.1779	4.3828	0.2049
4444	100	LDR Unbiased	4.1905	4.4468	0.2563
4500	150	LDR Biased	4.2439	4.5239	0.28
4501	150	LDR Biased	4.119	4.3502	0.2312
4502	150	LDR Biased	4.0993	4.362	0.2627
4503	150	LDR Biased	4.3161	4.522	0.2059
4504	150	LDR Biased	4.3789	4.6985	0.3196
4505	150	LDR Unbiased	4.252	4.5507	0.2987
4506	150	LDR Unbiased	4.3251	4.5719	0.2468
4507	150	LDR Unbiased	4.3485	4.6544	0.3059
4508	150	LDR Unbiased	4.291	4.6459	0.3549
4509	150	LDR Unbiased	4.1775	4.5087	0.3312

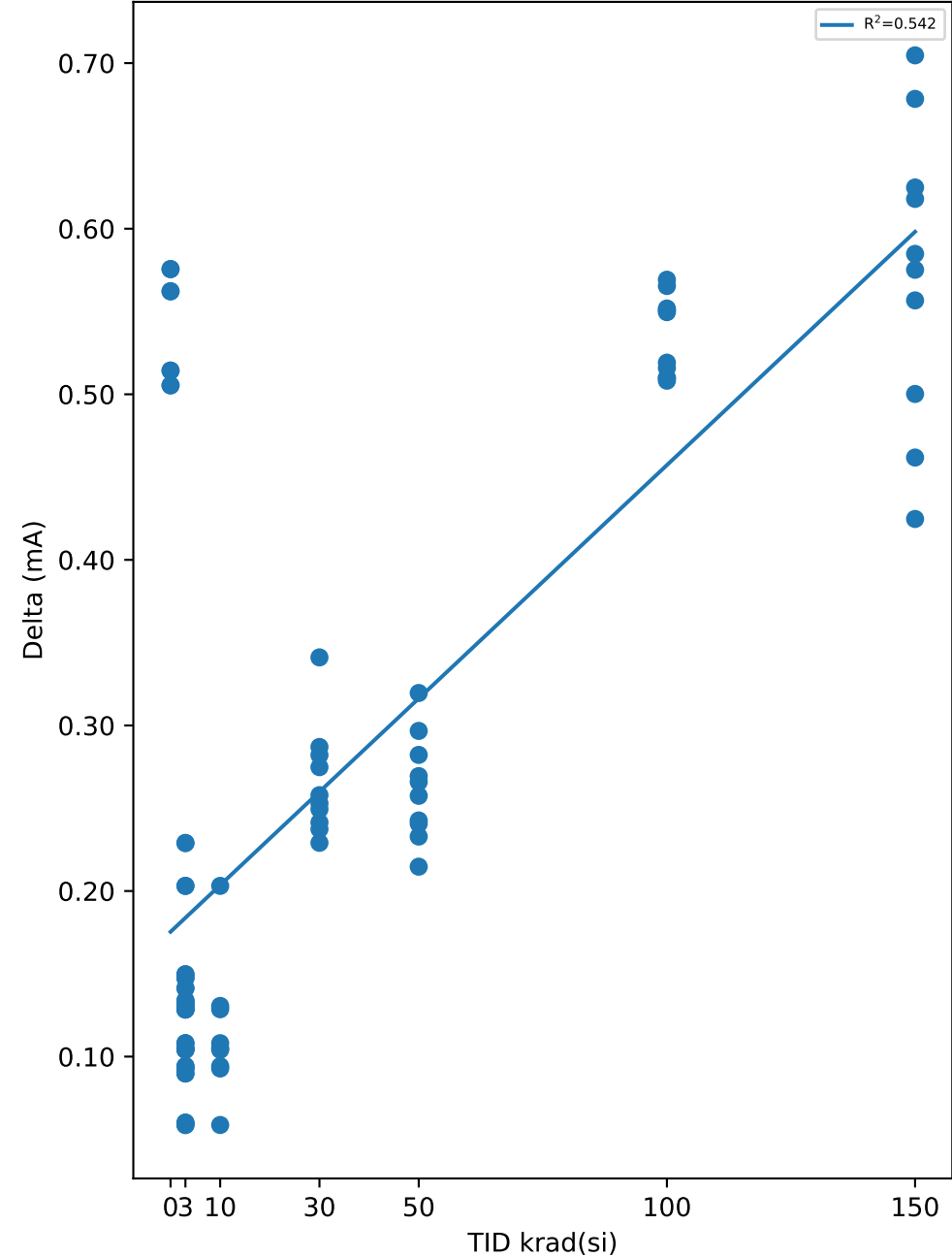
Test Statistics (mA)

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	4.1779	4.2302	4.2826	0.074034	4.4235	4.453	4.4825	0.041719	0.1999	0.22275	0.2456	0.032315
3	4.0685	4.2383	4.3088	0.080921	4.0913	4.2576	4.3356	0.081334	-0.0026	0.019289	0.0314	0.011091
10	4.0685	4.2383	4.3088	0.080921	4.0779	4.2712	4.3605	0.089721	0.0094	0.0329	0.0563	0.015226
30	4.0403	4.1944	4.2826	0.071304	4.1289	4.2833	4.3656	0.06738	0.0726	0.08886	0.1309	0.018064
50	4.0403	4.1944	4.2826	0.071304	4.1454	4.319	4.4095	0.073372	0.0903	0.12455	0.1686	0.023047
100	4.0403	4.1944	4.2826	0.071304	4.2404	4.4188	4.5317	0.078901	0.1836	0.22435	0.2563	0.026366
150	4.0993	4.2551	4.3789	0.095982	4.3502	4.5388	4.6985	0.11538	0.2059	0.28369	0.3549	0.047091

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 30.0 (mA))

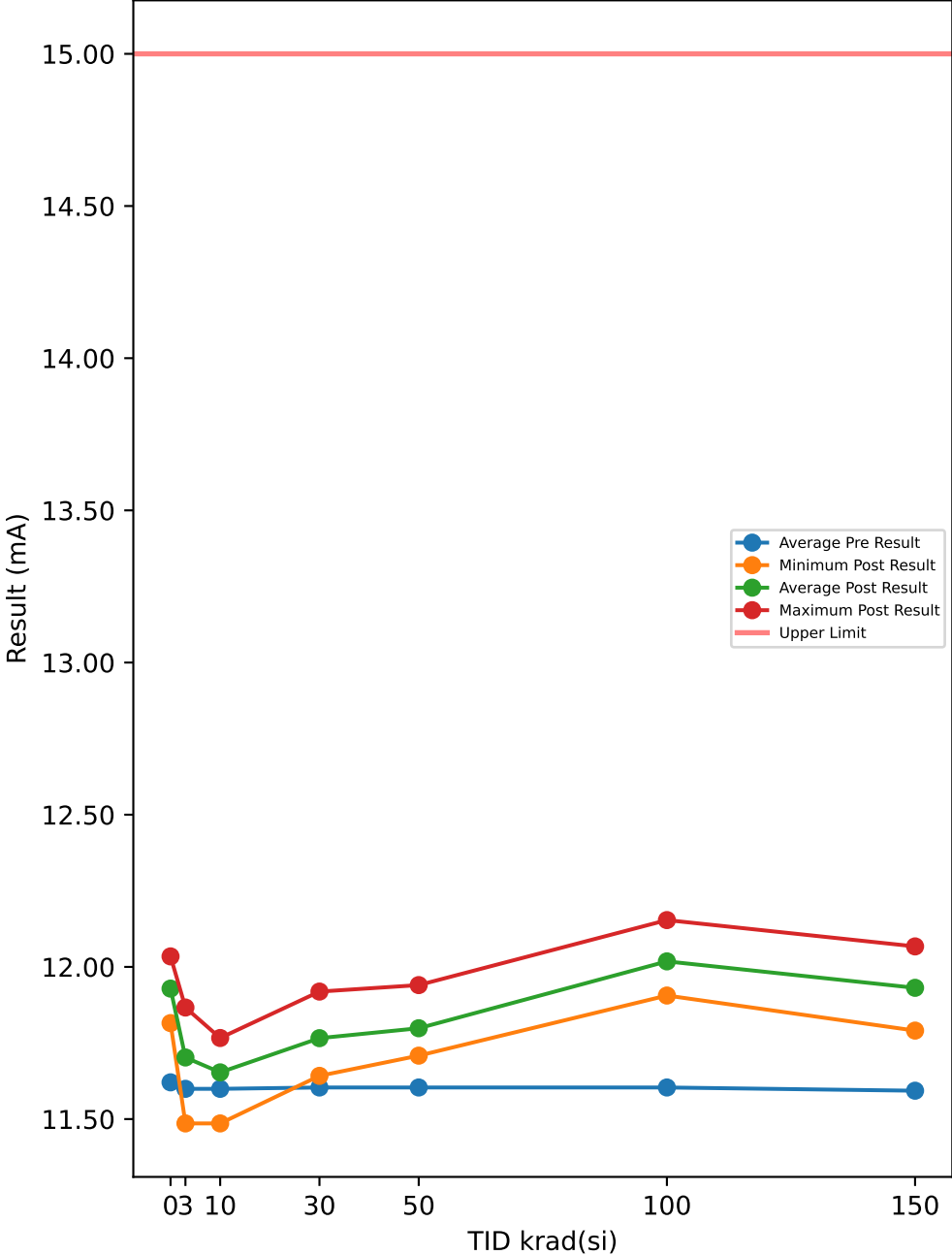
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.286	19.848	0.5622
2	0	CORRELATION	19.155	19.731	0.5756
259	3	LDR Biased	19.31	19.399	0.0898
426	3	LDR Biased	19.057	19.185	0.1284
427	3	LDR Biased	19.152	19.381	0.229
428	3	LDR Biased	19.228	19.36	0.1323
429	3	LDR Unbiased	19.101	19.243	0.1413
430	3	LDR Unbiased	19.258	19.405	0.1474
431	3	LDR Unbiased	19.292	19.442	0.1497
432	3	LDR Unbiased	19.347	19.481	0.1339
433	3	LDR Unbiased	19.354	19.414	0.0601
1259	10	LDR Biased	19.31	19.402	0.0928
1426	10	LDR Biased	19.057	19.115	0.0587
1427	10	LDR Biased	19.152	19.356	0.2031
1428	10	LDR Biased	19.228	19.358	0.1306
1429	10	LDR Unbiased	19.101	19.206	0.105
1430	10	LDR Unbiased	19.258	19.362	0.1041
1431	10	LDR Unbiased	19.292	19.421	0.1286
1432	10	LDR Unbiased	19.347	19.455	0.1081
1433	10	LDR Unbiased	19.354	19.448	0.0942
2434	30	LDR Biased	19.121	19.462	0.3411
2435	30	LDR Biased	19.157	19.399	0.2414
2436	30	LDR Biased	19.217	19.499	0.2821
2437	30	LDR Biased	19.166	19.453	0.287
2438	30	LDR Biased	19.287	19.545	0.2579
2439	30	LDR Unbiased	19.041	19.294	0.2529
2440	30	LDR Unbiased	19.057	19.286	0.2291
2441	30	LDR Unbiased	19.286	19.535	0.2494
2443	30	LDR Unbiased	19.155	19.43	0.2748
2444	30	LDR Unbiased	19.203	19.441	0.2374
3434	50	LDR Biased	19.121	19.441	0.3196
3435	50	LDR Biased	19.157	19.372	0.2147
3436	50	LDR Biased	19.217	19.486	0.2694
3437	50	LDR Biased	19.166	19.463	0.2967
3438	50	LDR Biased	19.287	19.569	0.2822
3439	50	LDR Unbiased	19.041	19.282	0.2407
3440	50	LDR Unbiased	19.057	19.29	0.2329
3441	50	LDR Unbiased	19.286	19.528	0.2426
3443	50	LDR Unbiased	19.155	19.421	0.2659
3444	50	LDR Unbiased	19.203	19.461	0.2575
4434	100	LDR Biased	19.121	19.672	0.5507
4435	100	LDR Biased	19.157	19.676	0.5191
4436	100	LDR Biased	19.217	19.766	0.5496
4437	100	LDR Biased	19.166	19.731	0.5654
4438	100	LDR Biased	19.287	19.795	0.5082
4439	100	LDR Unbiased	19.041	19.551	0.5099
4440	100	LDR Unbiased	19.057	19.567	0.5099
4441	100	LDR Unbiased	19.286	19.837	0.5518
4443	100	LDR Unbiased	19.155	19.671	0.5159
4444	100	LDR Unbiased	19.203	19.773	0.5692
4500	150	LDR Biased	19.159	19.744	0.5848
4501	150	LDR Biased	19.065	19.64	0.5752
4502	150	LDR Biased	19.114	19.671	0.5567
4503	150	LDR Biased	19.349	19.773	0.4247
4504	150	LDR Biased	19.452	20.13	0.6784
4505	150	LDR Unbiased	19.223	19.723	0.5002
4506	150	LDR Unbiased	19.351	19.812	0.4618
4507	150	LDR Unbiased	19.282	19.906	0.6249
4508	150	LDR Unbiased	19.243	19.948	0.7047
4509	150	LDR Unbiased	19.201	19.819	0.618

Test Statistics (mA)

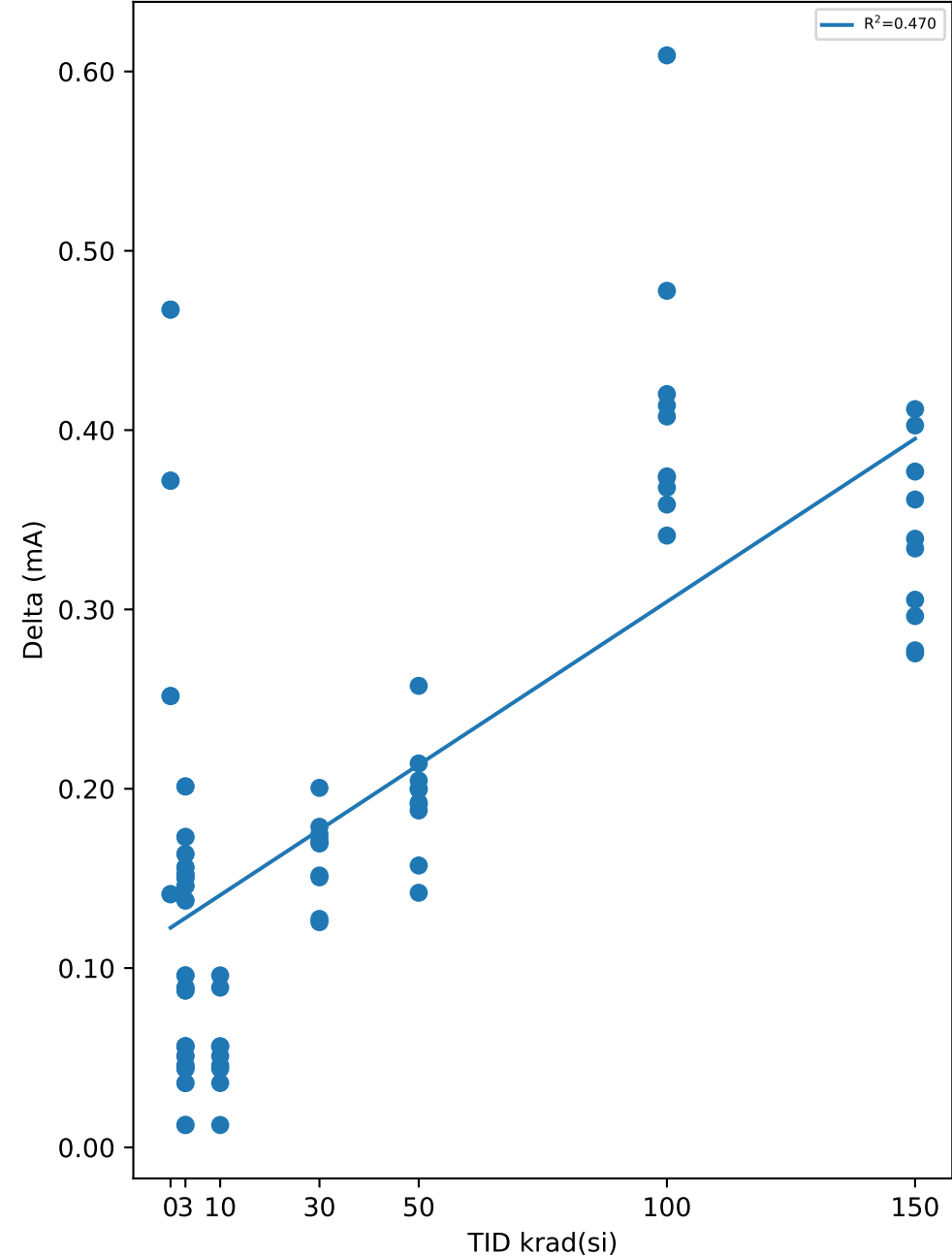
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.155	19.221	19.286	0.092207	19.731	19.789	19.848	0.082731	0.5622	0.5689	0.5756	0.0094752
3	19.057	19.233	19.354	0.10748	19.185	19.368	19.481	0.094884	0.0601	0.13466	0.229	0.046029
10	19.057	19.233	19.354	0.10748	19.115	19.347	19.455	0.11412	0.0587	0.11391	0.2031	0.039593
30	19.041	19.169	19.287	0.083277	19.286	19.434	19.545	0.088511	0.2291	0.26531	0.3411	0.032847
50	19.041	19.169	19.287	0.083277	19.282	19.431	19.569	0.093808	0.2147	0.26222	0.3196	0.031506
100	19.041	19.169	19.287	0.083277	19.551	19.704	19.837	0.094524	0.5082	0.53497	0.5692	0.024566
150	19.065	19.244	19.452	0.118	19.64	19.817	20.13	0.14609	0.4247	0.57294	0.7047	0.09021

Device Test: 36.21 lop HS BOOT IIM Interlock 5MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 15.0 (mA))

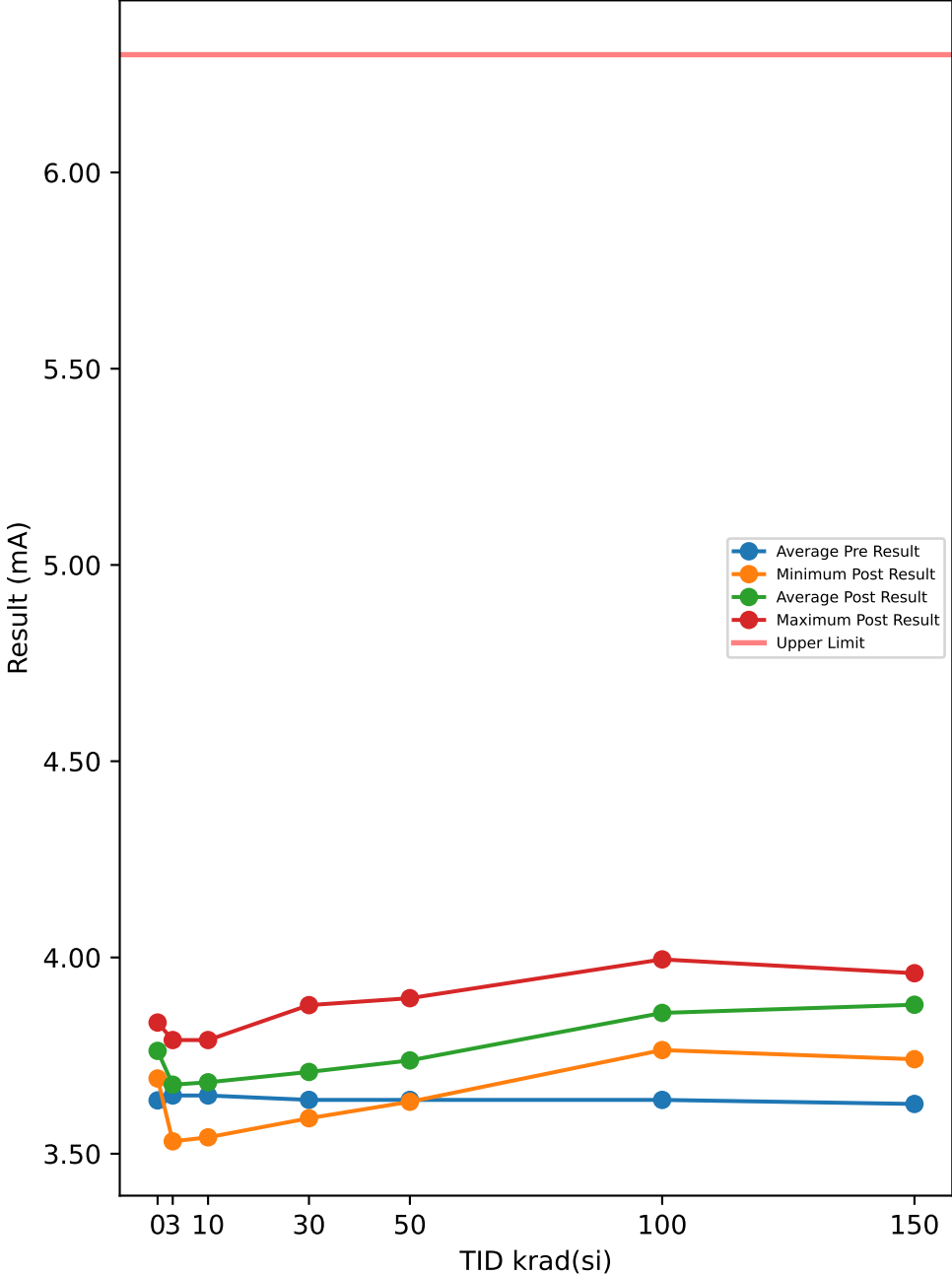
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.674	11.926	0.2517
2	0	CORRELATION	11.567	12.034	0.4672
259	3	LDR Biased	11.631	11.769	0.1377
426	3	LDR Biased	11.454	11.605	0.1503
427	3	LDR Biased	11.587	11.739	0.1524
428	3	LDR Biased	11.619	11.783	0.1636
429	3	LDR Unbiased	11.45	11.606	0.1562
430	3	LDR Unbiased	11.591	11.793	0.2013
431	3	LDR Unbiased	11.733	11.82	0.0875
432	3	LDR Unbiased	11.608	11.781	0.1731
433	3	LDR Unbiased	11.721	11.867	0.1458
1259	10	LDR Biased	11.631	11.688	0.0563
1426	10	LDR Biased	11.454	11.498	0.0439
1427	10	LDR Biased	11.587	11.643	0.0564
1428	10	LDR Biased	11.619	11.708	0.0891
1429	10	LDR Unbiased	11.45	11.486	0.0359
1430	10	LDR Unbiased	11.591	11.642	0.0509
1431	10	LDR Unbiased	11.733	11.745	0.0125
1432	10	LDR Unbiased	11.608	11.704	0.0959
1433	10	LDR Unbiased	11.721	11.766	0.0457
2434	30	LDR Biased	11.515	11.642	0.1274
2435	30	LDR Biased	11.74	11.919	0.1788
2436	30	LDR Biased	11.532	11.701	0.1698
2437	30	LDR Biased	11.718	11.843	0.1256
2438	30	LDR Biased	11.569	11.77	0.2005
2439	30	LDR Unbiased	11.588	11.74	0.1516
2440	30	LDR Unbiased	11.521	11.69	0.1695
2441	30	LDR Unbiased	11.674	11.846	0.1719
2443	30	LDR Unbiased	11.567	11.718	0.1506
2444	30	LDR Unbiased	11.614	11.789	0.1748
3434	50	LDR Biased	11.515	11.719	0.2046
3435	50	LDR Biased	11.74	11.94	0.2001
3436	50	LDR Biased	11.532	11.724	0.1923
3437	50	LDR Biased	11.718	11.86	0.142
3438	50	LDR Biased	11.569	11.827	0.2574
3439	50	LDR Unbiased	11.588	11.78	0.1916
3440	50	LDR Unbiased	11.521	11.708	0.1879
3441	50	LDR Unbiased	11.674	11.888	0.2141
3443	50	LDR Unbiased	11.567	11.725	0.1572
3444	50	LDR Unbiased	11.614	11.814	0.1996
4434	100	LDR Biased	11.515	12.124	0.609
4435	100	LDR Biased	11.74	12.154	0.4137
4436	100	LDR Biased	11.532	11.906	0.3742
4437	100	LDR Biased	11.718	12.086	0.3679
4438	100	LDR Biased	11.569	12.047	0.4777
4439	100	LDR Unbiased	11.588	11.929	0.3412
4440	100	LDR Unbiased	11.521	11.928	0.4076
4441	100	LDR Unbiased	11.674	12.094	0.4201
4443	100	LDR Unbiased	11.567	11.926	0.3585
4444	100	LDR Unbiased	11.614	11.988	0.3737
4500	150	LDR Biased	11.502	11.914	0.4117
4501	150	LDR Biased	11.514	11.791	0.2772
4502	150	LDR Biased	11.578	11.98	0.4026
4503	150	LDR Biased	11.662	11.968	0.3054
4504	150	LDR Biased	11.596	11.957	0.3613
4505	150	LDR Unbiased	11.61	11.944	0.334
4506	150	LDR Unbiased	11.591	11.887	0.2963
4507	150	LDR Unbiased	11.728	12.004	0.2755
4508	150	LDR Unbiased	11.728	12.067	0.3394
4509	150	LDR Unbiased	11.424	11.801	0.3769

Test Statistics (mA)

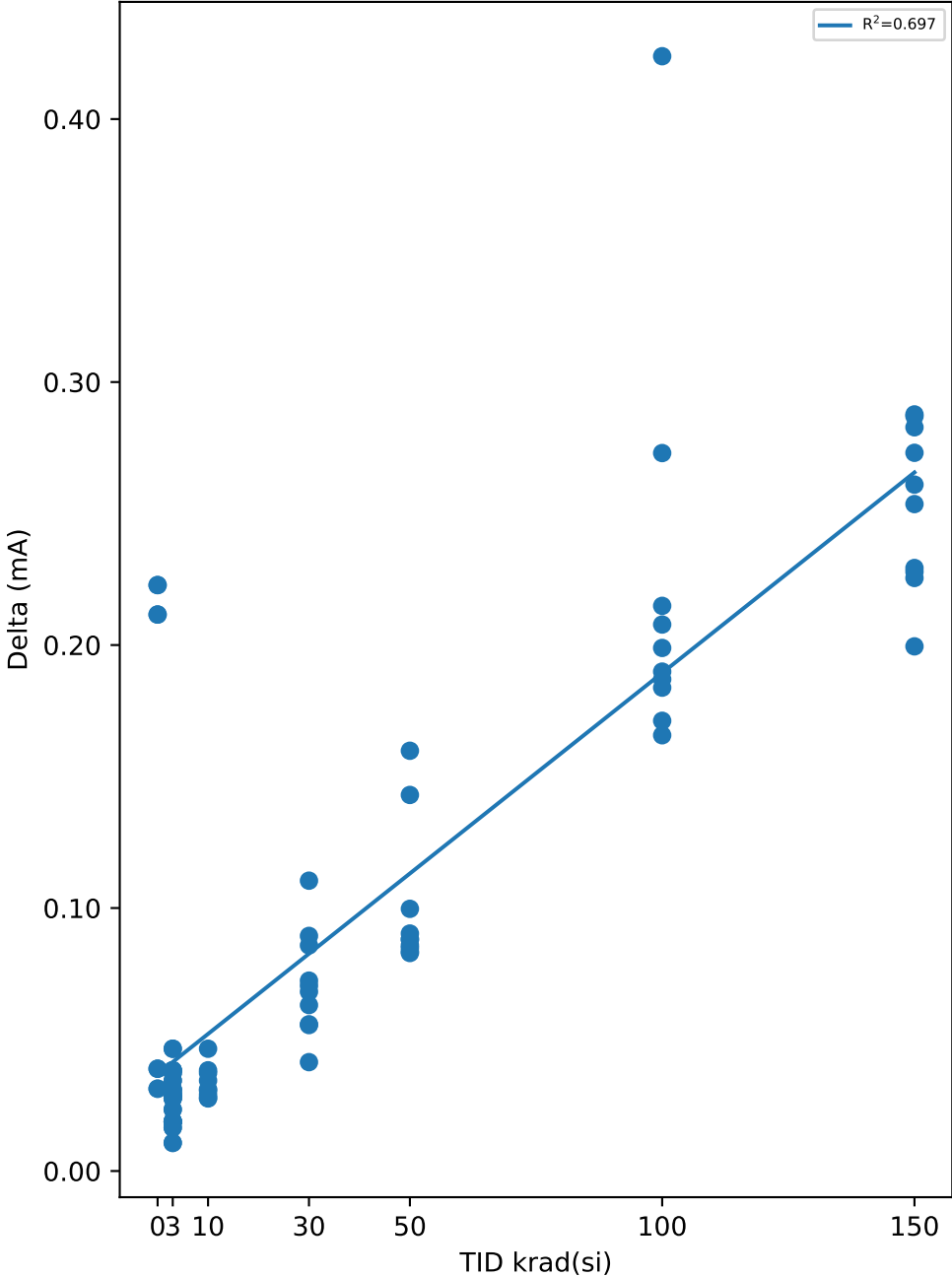
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.567	11.621	11.674	0.075519	11.926	11.98	12.034	0.076863	0.2517	0.35945	0.4672	0.15238
3	11.45	11.599	11.733	0.098512	11.605	11.751	11.867	0.089921	0.0875	0.15199	0.2013	0.030484
10	11.45	11.599	11.733	0.098512	11.486	11.653	11.766	0.10022	0.0125	0.054067	0.0959	0.025566
30	11.515	11.604	11.74	0.081283	11.642	11.766	11.919	0.084738	0.1256	0.16205	0.2005	0.023342
50	11.515	11.604	11.74	0.081283	11.708	11.798	11.94	0.080759	0.142	0.19468	0.2574	0.031098
100	11.515	11.604	11.74	0.081283	11.906	12.018	12.154	0.093542	0.3412	0.41436	0.609	0.078792
150	11.424	11.593	11.728	0.097266	11.791	11.931	12.067	0.086563	0.2755	0.33803	0.4117	0.049535

Device Test: 36.3 Iq HS BOOT IIM Interlock VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.3 (mA))

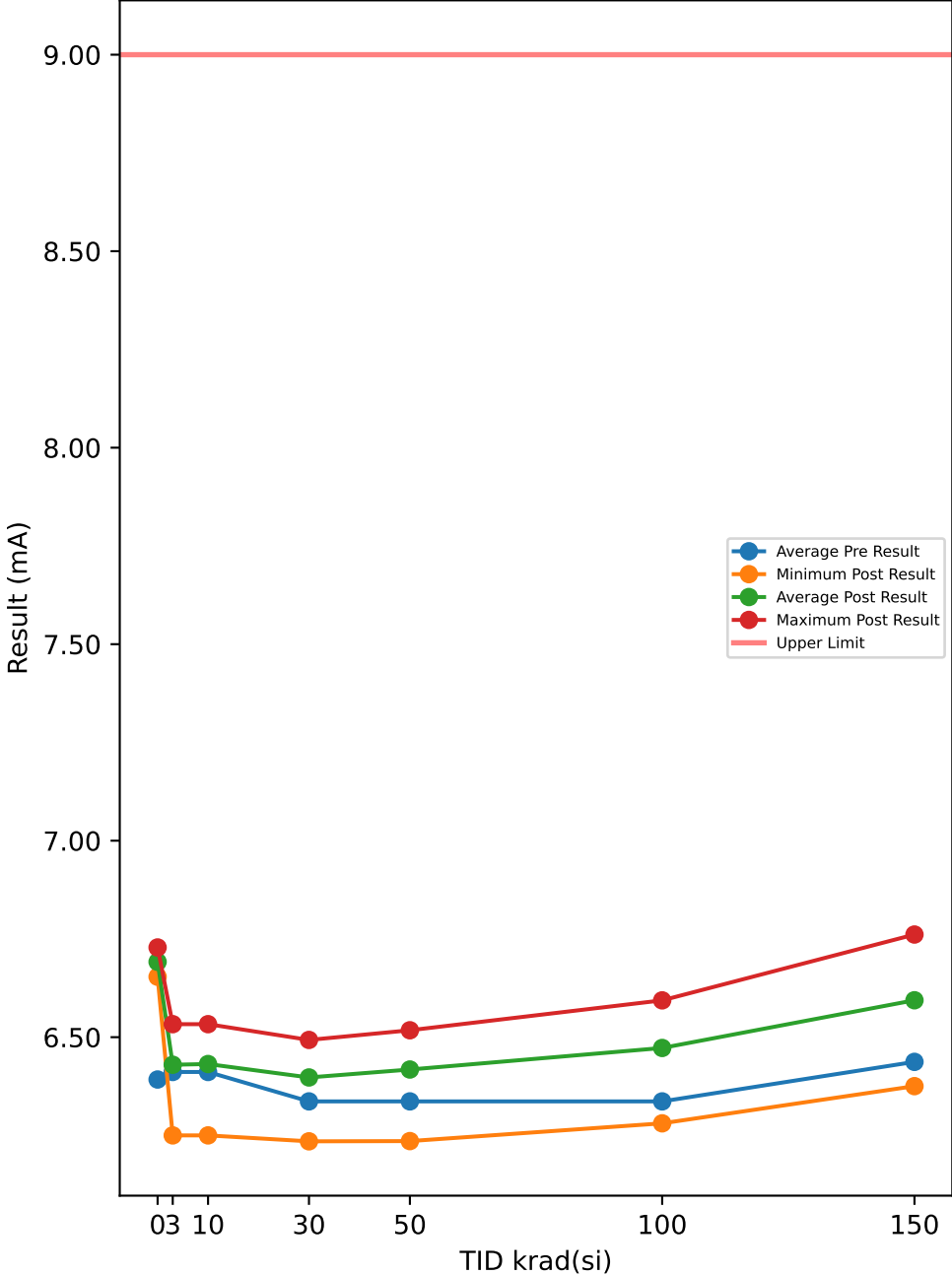
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.6604	3.6993	0.0389
2	0	CORRELATION	3.6114	3.8342	0.2228
259	3	LDR Biased	3.5952	3.6137	0.0185
426	3	LDR Biased	3.5128	3.5316	0.0188
427	3	LDR Biased	3.7208	3.7396	0.0188
428	3	LDR Biased	3.7247	3.7436	0.0189
429	3	LDR Unbiased	3.5257	3.5491	0.0234
430	3	LDR Unbiased	3.6306	3.6689	0.0383
431	3	LDR Unbiased	3.7128	3.7235	0.0107
432	3	LDR Unbiased	3.6574	3.6865	0.0291
433	3	LDR Unbiased	3.7552	3.7717	0.0165
1259	10	LDR Biased	3.5952	3.6335	0.0383
1426	10	LDR Biased	3.5128	3.5418	0.029
1427	10	LDR Biased	3.7208	3.7484	0.0276
1428	10	LDR Biased	3.7247	3.7553	0.0306
1429	10	LDR Unbiased	3.5257	3.5535	0.0278
1430	10	LDR Unbiased	3.6306	3.6679	0.0373
1431	10	LDR Unbiased	3.7128	3.7439	0.0311
1432	10	LDR Unbiased	3.6574	3.7039	0.0465
1433	10	LDR Unbiased	3.7552	3.7896	0.0344
2434	30	LDR Biased	3.549	3.5904	0.0414
2435	30	LDR Biased	3.8081	3.8786	0.0705
2436	30	LDR Biased	3.5817	3.6372	0.0555
2437	30	LDR Biased	3.7199	3.783	0.0631
2438	30	LDR Biased	3.6127	3.7231	0.1104
2439	30	LDR Unbiased	3.6393	3.6951	0.0558
2440	30	LDR Unbiased	3.5742	3.6424	0.0682
2441	30	LDR Unbiased	3.6604	3.7498	0.0894
2443	30	LDR Unbiased	3.6114	3.6972	0.0858
2444	30	LDR Unbiased	3.6145	3.6869	0.0724
3434	50	LDR Biased	3.549	3.6324	0.0834
3435	50	LDR Biased	3.8081	3.8963	0.0882
3436	50	LDR Biased	3.5817	3.672	0.0903
3437	50	LDR Biased	3.7199	3.8047	0.0848
3438	50	LDR Biased	3.6127	3.7725	0.1598
3439	50	LDR Unbiased	3.6393	3.7222	0.0829
3440	50	LDR Unbiased	3.5742	3.6739	0.0997
3441	50	LDR Unbiased	3.6604	3.8034	0.143
3443	50	LDR Unbiased	3.6114	3.6972	0.0858
3444	50	LDR Unbiased	3.6145	3.7025	0.088
4434	100	LDR Biased	3.549	3.9729	0.4239
4435	100	LDR Biased	3.8081	3.9951	0.187
4436	100	LDR Biased	3.5817	3.7655	0.1838
4437	100	LDR Biased	3.7199	3.9188	0.1989
4438	100	LDR Biased	3.6127	3.8857	0.273
4439	100	LDR Unbiased	3.6393	3.805	0.1657
4440	100	LDR Unbiased	3.5742	3.7641	0.1899
4441	100	LDR Unbiased	3.6604	3.8753	0.2149
4443	100	LDR Unbiased	3.6114	3.8192	0.2078
4444	100	LDR Unbiased	3.6145	3.7857	0.1712
4500	150	LDR Biased	3.5995	3.8865	0.287
4501	150	LDR Biased	3.5153	3.7408	0.2255
4502	150	LDR Biased	3.6112	3.894	0.2828
4503	150	LDR Biased	3.6475	3.9011	0.2536
4504	150	LDR Biased	3.663	3.924	0.261
4505	150	LDR Unbiased	3.6492	3.9223	0.2731
4506	150	LDR Unbiased	3.6106	3.8385	0.2279
4507	150	LDR Unbiased	3.7604	3.9599	0.1995
4508	150	LDR Unbiased	3.7288	3.9581	0.2293
4509	150	LDR Unbiased	3.4827	3.7704	0.2877

Test Statistics (mA)

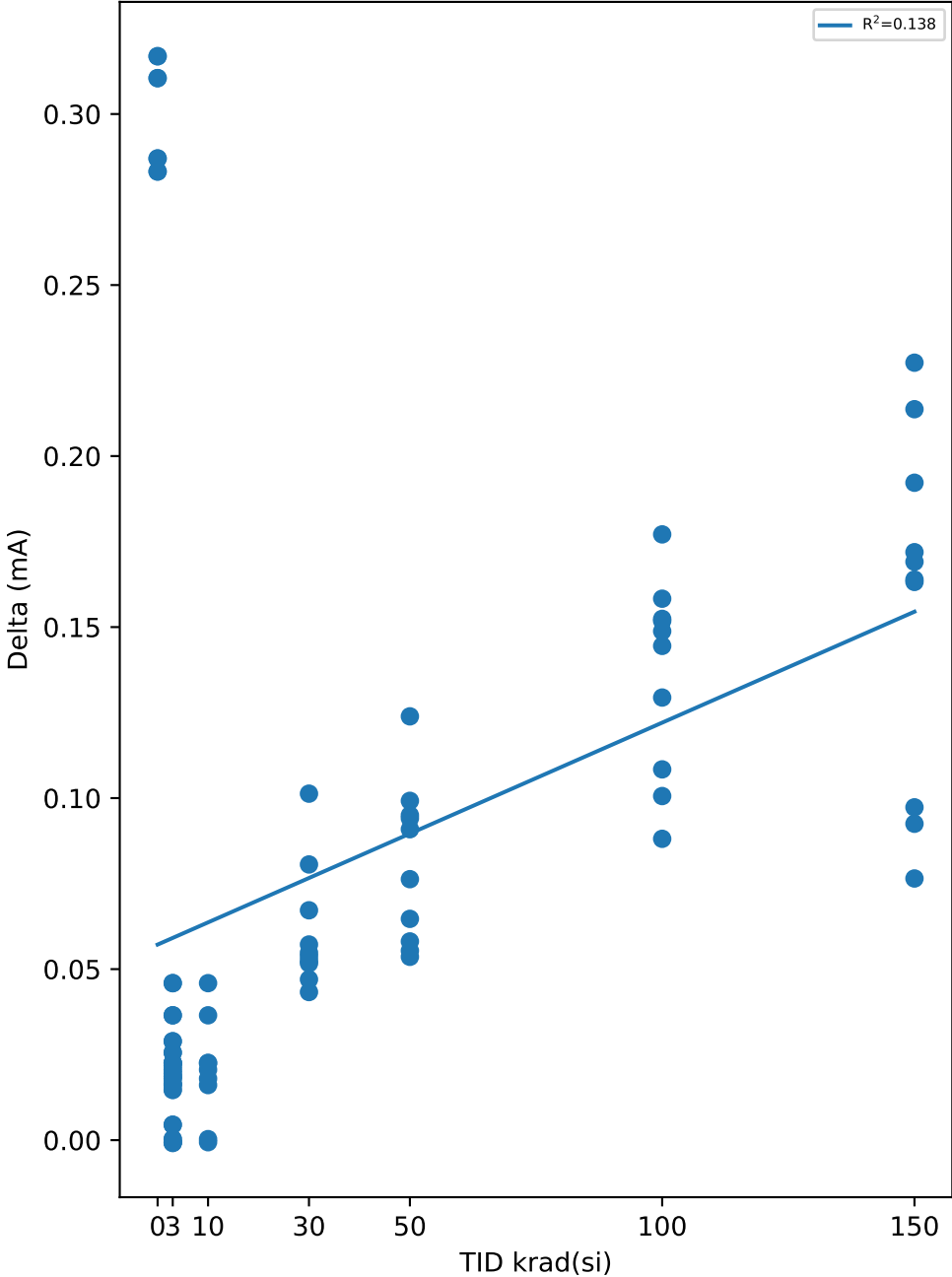
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6114	3.6359	3.6604	0.034648	3.6993	3.7668	3.8342	0.095389	0.0389	0.13085	0.2228	0.13004
3	3.5128	3.6484	3.7552	0.088944	3.5316	3.6698	3.7717	0.087092	0.0107	0.021444	0.0383	0.0080278
10	3.5128	3.6484	3.7552	0.088944	3.5418	3.682	3.7896	0.089715	0.0276	0.033622	0.0465	0.0062136
30	3.549	3.6371	3.8081	0.076883	3.5904	3.7084	3.8786	0.082041	0.0414	0.07125	0.1104	0.019802
50	3.549	3.6371	3.8081	0.076883	3.6324	3.7377	3.8963	0.080115	0.0829	0.10059	0.1598	0.027487
100	3.549	3.6371	3.8081	0.076883	3.7641	3.8587	3.9951	0.084111	0.1657	0.22161	0.4239	0.077182
150	3.4827	3.6268	3.7604	0.084946	3.7408	3.8796	3.9599	0.074537	0.1995	0.25274	0.2877	0.030779

Device Test: 36.6 lop LS VIN PWM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 9.0 (mA))

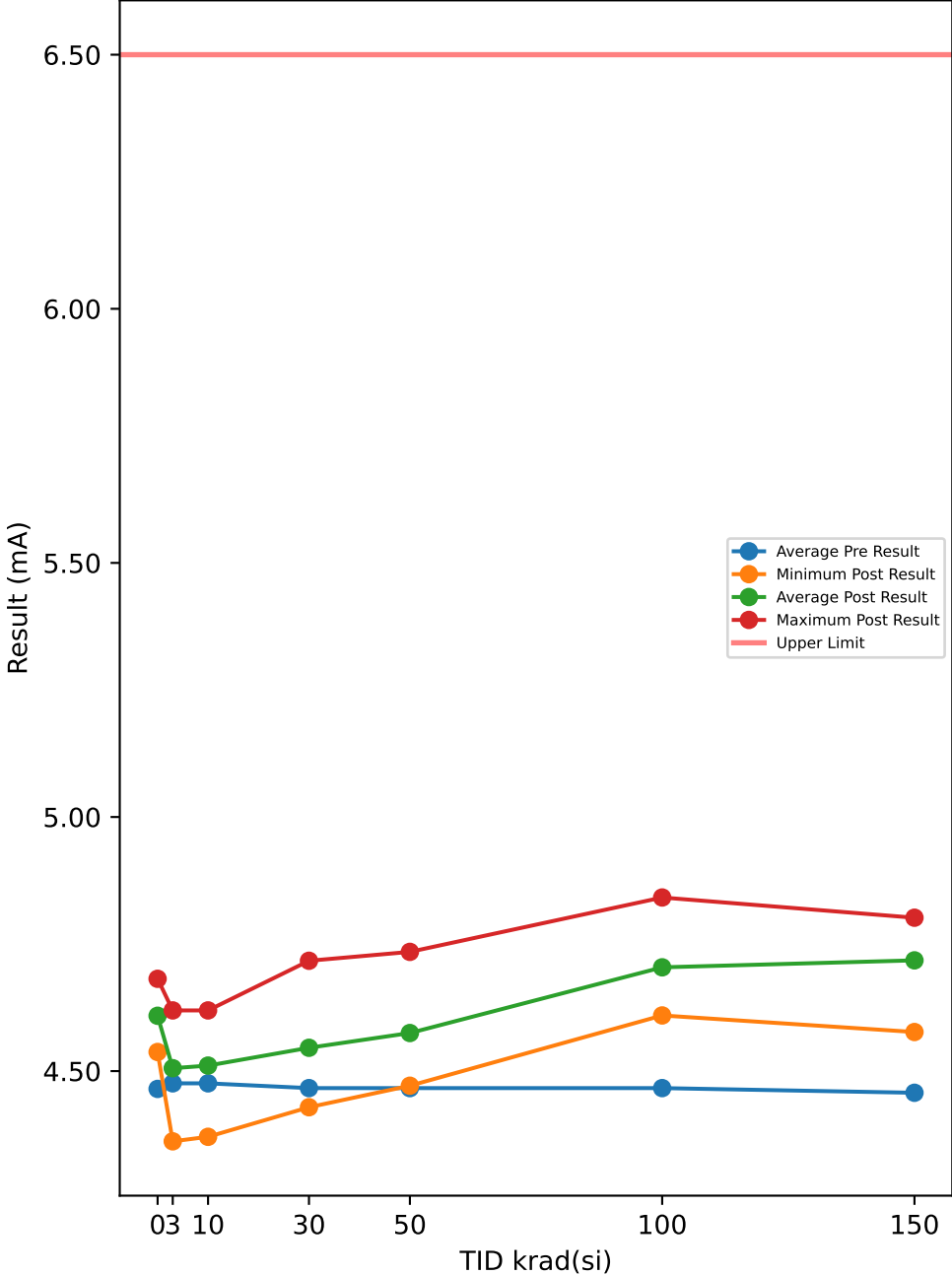
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.4413	6.7283	0.287
2	0	CORRELATION	6.3433	6.6602	0.3169
259	3	LDR Biased	6.3931	6.3976	0.0045
426	3	LDR Biased	6.2507	6.2693	0.0186
427	3	LDR Biased	6.4872	6.5161	0.0289
428	3	LDR Biased	6.4046	6.4211	0.0165
429	3	LDR Unbiased	6.347	6.3726	0.0256
430	3	LDR Unbiased	6.4829	6.5024	0.0195
431	3	LDR Unbiased	6.4457	6.4604	0.0147
432	3	LDR Unbiased	6.4872	6.509	0.0218
433	3	LDR Unbiased	6.4048	6.404	-0.0008
1259	10	LDR Biased	6.3931	6.4156	0.0225
1426	10	LDR Biased	6.2507	6.2501	-0.0006
1427	10	LDR Biased	6.4872	6.5331	0.0459
1428	10	LDR Biased	6.4046	6.4272	0.0226
1429	10	LDR Unbiased	6.347	6.3676	0.0206
1430	10	LDR Unbiased	6.4829	6.499	0.0161
1431	10	LDR Unbiased	6.4457	6.4822	0.0365
1432	10	LDR Unbiased	6.4872	6.5052	0.018
1433	10	LDR Unbiased	6.4048	6.4051	0.0003
2434	30	LDR Biased	6.2954	6.3967	0.1013
2435	30	LDR Biased	6.3416	6.394	0.0524
2436	30	LDR Biased	6.3574	6.438	0.0806
2437	30	LDR Biased	6.3604	6.4176	0.0572
2438	30	LDR Biased	6.4332	6.4765	0.0433
2439	30	LDR Unbiased	6.1802	6.235	0.0548
2440	30	LDR Unbiased	6.2569	6.3106	0.0537
2441	30	LDR Unbiased	6.4413	6.493	0.0517
2443	30	LDR Unbiased	6.3433	6.3903	0.047
2444	30	LDR Unbiased	6.3564	6.4236	0.0672
3434	50	LDR Biased	6.2954	6.4193	0.1239
3435	50	LDR Biased	6.3416	6.3997	0.0581
3436	50	LDR Biased	6.3574	6.4566	0.0992
3437	50	LDR Biased	6.3604	6.4554	0.095
3438	50	LDR Biased	6.4332	6.4868	0.0536
3439	50	LDR Unbiased	6.1802	6.2356	0.0554
3440	50	LDR Unbiased	6.2569	6.3478	0.0909
3441	50	LDR Unbiased	6.4413	6.5176	0.0763
3443	50	LDR Unbiased	6.3433	6.408	0.0647
3444	50	LDR Unbiased	6.3564	6.4505	0.0941
4434	100	LDR Biased	6.2954	6.4442	0.1488
4435	100	LDR Biased	6.3416	6.471	0.1294
4436	100	LDR Biased	6.3574	6.5019	0.1445
4437	100	LDR Biased	6.3604	6.5375	0.1771
4438	100	LDR Biased	6.4332	6.5213	0.0881
4439	100	LDR Unbiased	6.1802	6.2808	0.1006
4440	100	LDR Unbiased	6.2569	6.4087	0.1518
4441	100	LDR Unbiased	6.4413	6.5937	0.1524
4443	100	LDR Unbiased	6.3433	6.4517	0.1084
4444	100	LDR Unbiased	6.3564	6.5147	0.1583
4500	150	LDR Biased	6.402	6.5739	0.1719
4501	150	LDR Biased	6.2781	6.3754	0.0973
4502	150	LDR Biased	6.2509	6.4148	0.1639
4503	150	LDR Biased	6.4939	6.5704	0.0765
4504	150	LDR Biased	6.5339	6.7612	0.2273
4505	150	LDR Unbiased	6.4253	6.5885	0.1632
4506	150	LDR Unbiased	6.5274	6.6199	0.0925
4507	150	LDR Unbiased	6.5528	6.7219	0.1691
4508	150	LDR Unbiased	6.493	6.7067	0.2137
4509	150	LDR Unbiased	6.4145	6.6067	0.1922

Test Statistics (mA)

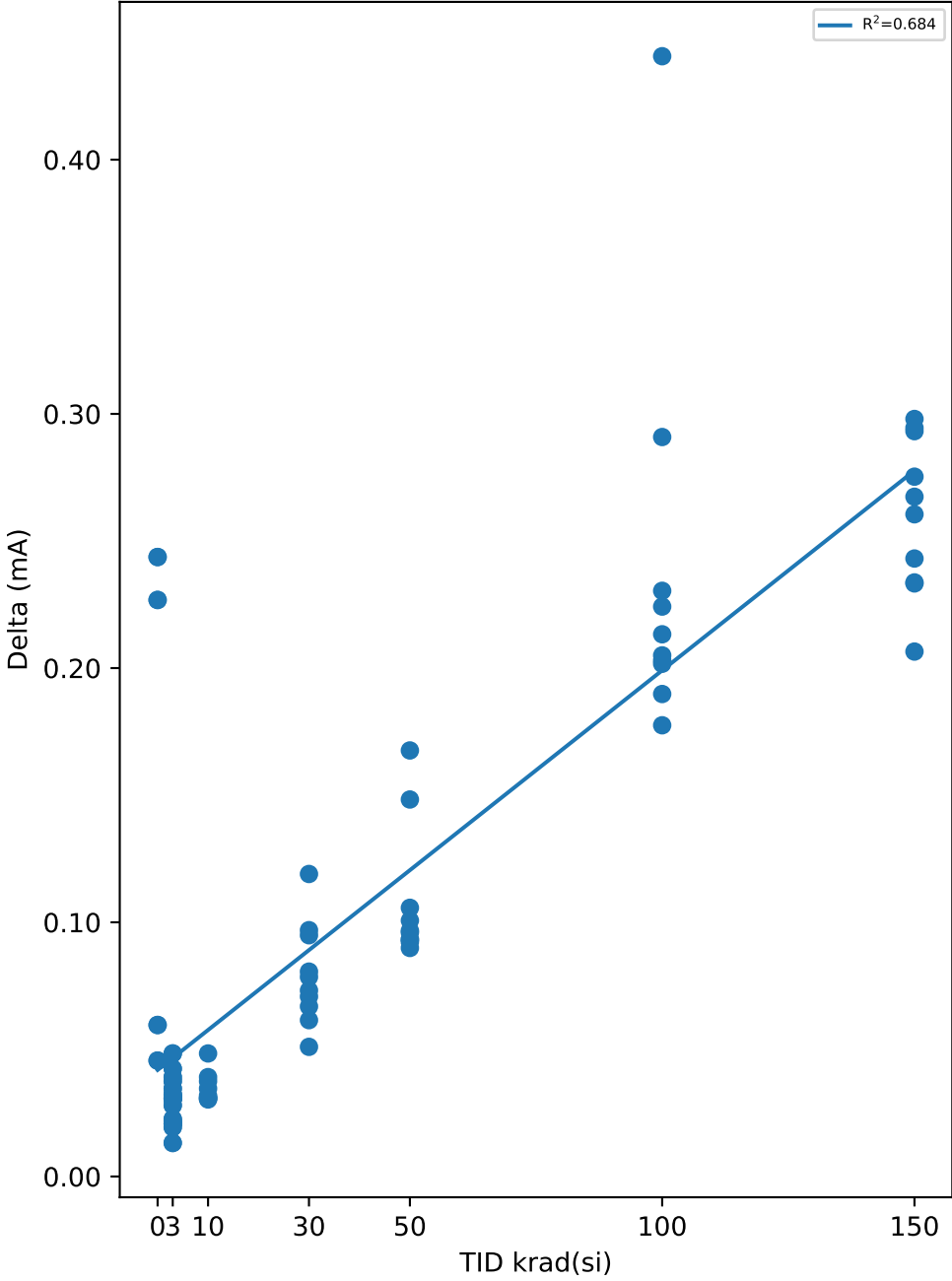
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.3433	6.3923	6.4413	0.069296	6.6602	6.6943	6.7283	0.048154	0.287	0.30195	0.3169	0.021142
3	6.2507	6.4115	6.4872	0.077602	6.2693	6.4281	6.5161	0.079617	-0.0008	0.016589	0.0289	0.0095166
10	6.2507	6.4115	6.4872	0.077602	6.2501	6.4317	6.5331	0.087205	-0.0006	0.020211	0.0459	0.014949
30	6.1802	6.3366	6.4413	0.07765	6.235	6.3975	6.493	0.076092	0.0433	0.06092	0.1013	0.017709
50	6.1802	6.3366	6.4413	0.07765	6.2356	6.4177	6.5176	0.079744	0.0536	0.08112	0.1239	0.023227
100	6.1802	6.3366	6.4413	0.07765	6.2808	6.4726	6.5937	0.085632	0.0881	0.13594	0.1771	0.028468
150	6.2509	6.4372	6.5528	0.10493	6.3754	6.5939	6.7612	0.12416	0.0765	0.15676	0.2273	0.051698

Device Test: 36.7 lop HS BOOT PWM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.5 (mA))

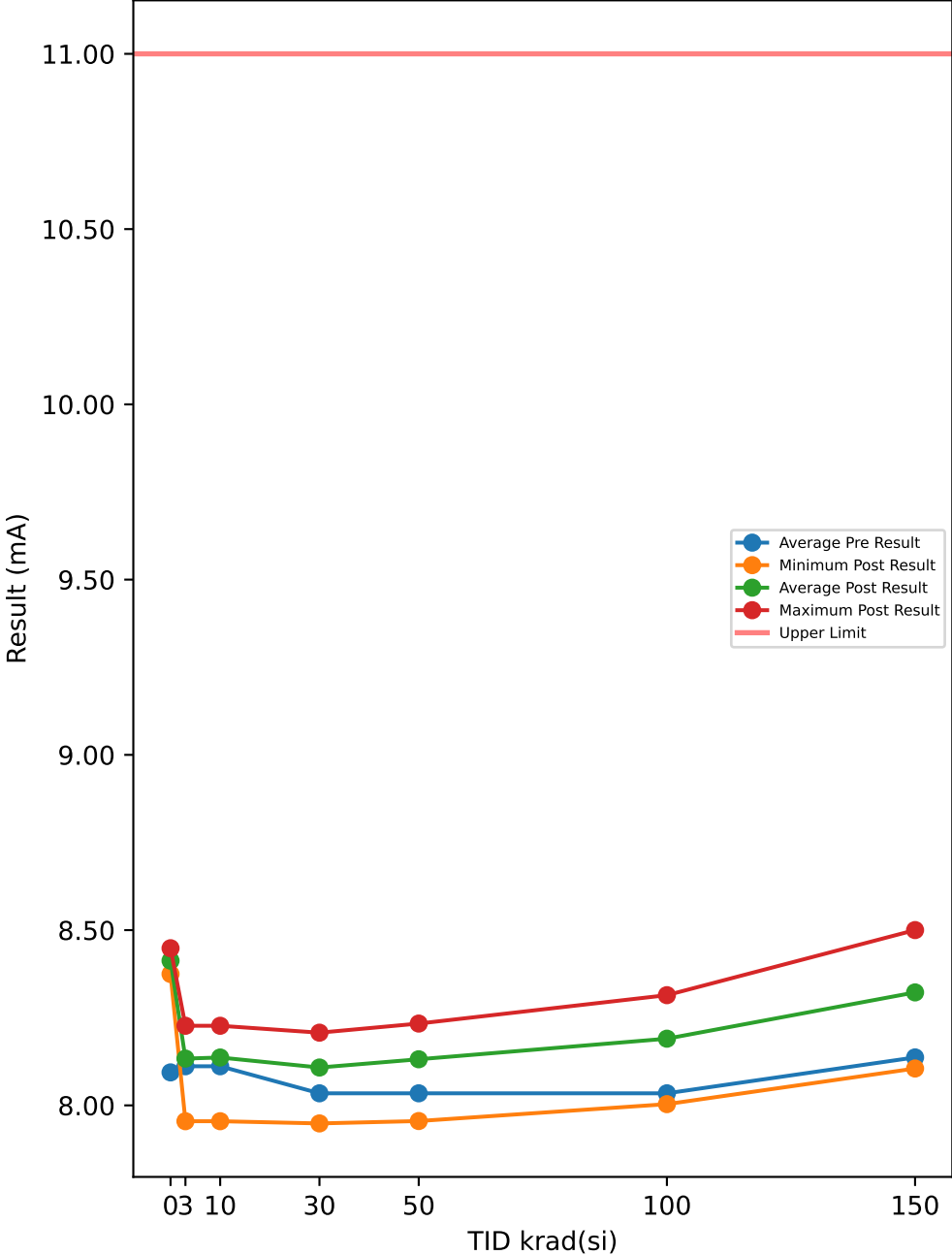
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.492	4.5516	0.0596
2	0	CORRELATION	4.4379	4.6816	0.2437
259	3	LDR Biased	4.429	4.4497	0.0207
426	3	LDR Biased	4.34	4.3618	0.0218
427	3	LDR Biased	4.5424	4.565	0.0226
428	3	LDR Biased	4.5494	4.5702	0.0208
429	3	LDR Unbiased	4.3485	4.3765	0.028
430	3	LDR Unbiased	4.4608	4.5032	0.0424
431	3	LDR Unbiased	4.5427	4.5559	0.0132
432	3	LDR Unbiased	4.4857	4.5181	0.0324
433	3	LDR Unbiased	4.5848	4.6042	0.0194
1259	10	LDR Biased	4.429	4.4665	0.0375
1426	10	LDR Biased	4.34	4.3707	0.0307
1427	10	LDR Biased	4.5424	4.5727	0.0303
1428	10	LDR Biased	4.5494	4.5805	0.0311
1429	10	LDR Unbiased	4.3485	4.3792	0.0307
1430	10	LDR Unbiased	4.4608	4.4999	0.0391
1431	10	LDR Unbiased	4.5427	4.5745	0.0318
1432	10	LDR Unbiased	4.4857	4.5341	0.0484
1433	10	LDR Unbiased	4.5848	4.6194	0.0346
2434	30	LDR Biased	4.3779	4.4289	0.051
2435	30	LDR Biased	4.6386	4.7171	0.0785
2436	30	LDR Biased	4.4078	4.4747	0.0669
2437	30	LDR Biased	4.5504	4.6212	0.0708
2438	30	LDR Biased	4.4391	4.5581	0.119
2439	30	LDR Unbiased	4.4681	4.5296	0.0615
2440	30	LDR Unbiased	4.4067	4.4799	0.0732
2441	30	LDR Unbiased	4.492	4.5889	0.0969
2443	30	LDR Unbiased	4.4379	4.5328	0.0949
2444	30	LDR Unbiased	4.4469	4.5275	0.0806
3434	50	LDR Biased	4.3779	4.4712	0.0933
3435	50	LDR Biased	4.6386	4.7346	0.096
3436	50	LDR Biased	4.4078	4.5085	0.1007
3437	50	LDR Biased	4.5504	4.6427	0.0923
3438	50	LDR Biased	4.4391	4.6067	0.1676
3439	50	LDR Unbiased	4.4681	4.558	0.0899
3440	50	LDR Unbiased	4.4067	4.5124	0.1057
3441	50	LDR Unbiased	4.492	4.6403	0.1483
3443	50	LDR Unbiased	4.4379	4.5311	0.0932
3444	50	LDR Unbiased	4.4469	4.5436	0.0967
4434	100	LDR Biased	4.3779	4.8186	0.4407
4435	100	LDR Biased	4.6386	4.8416	0.203
4436	100	LDR Biased	4.4078	4.6095	0.2017
4437	100	LDR Biased	4.5504	4.7637	0.2133
4438	100	LDR Biased	4.4391	4.73	0.2909
4439	100	LDR Unbiased	4.4681	4.6456	0.1775
4440	100	LDR Unbiased	4.4067	4.6117	0.205
4441	100	LDR Unbiased	4.492	4.7224	0.2304
4443	100	LDR Unbiased	4.4379	4.6621	0.2242
4444	100	LDR Unbiased	4.4469	4.6367	0.1898
4500	150	LDR Biased	4.4262	4.7207	0.2945
4501	150	LDR Biased	4.3436	4.5769	0.2333
4502	150	LDR Biased	4.4451	4.7383	0.2932
4503	150	LDR Biased	4.4801	4.7406	0.2605
4504	150	LDR Biased	4.4963	4.7637	0.2674
4505	150	LDR Unbiased	4.4822	4.7575	0.2753
4506	150	LDR Unbiased	4.4443	4.678	0.2337
4507	150	LDR Unbiased	4.589	4.7955	0.2065
4508	150	LDR Unbiased	4.5587	4.8018	0.2431
4509	150	LDR Unbiased	4.308	4.606	0.298

Test Statistics (mA)

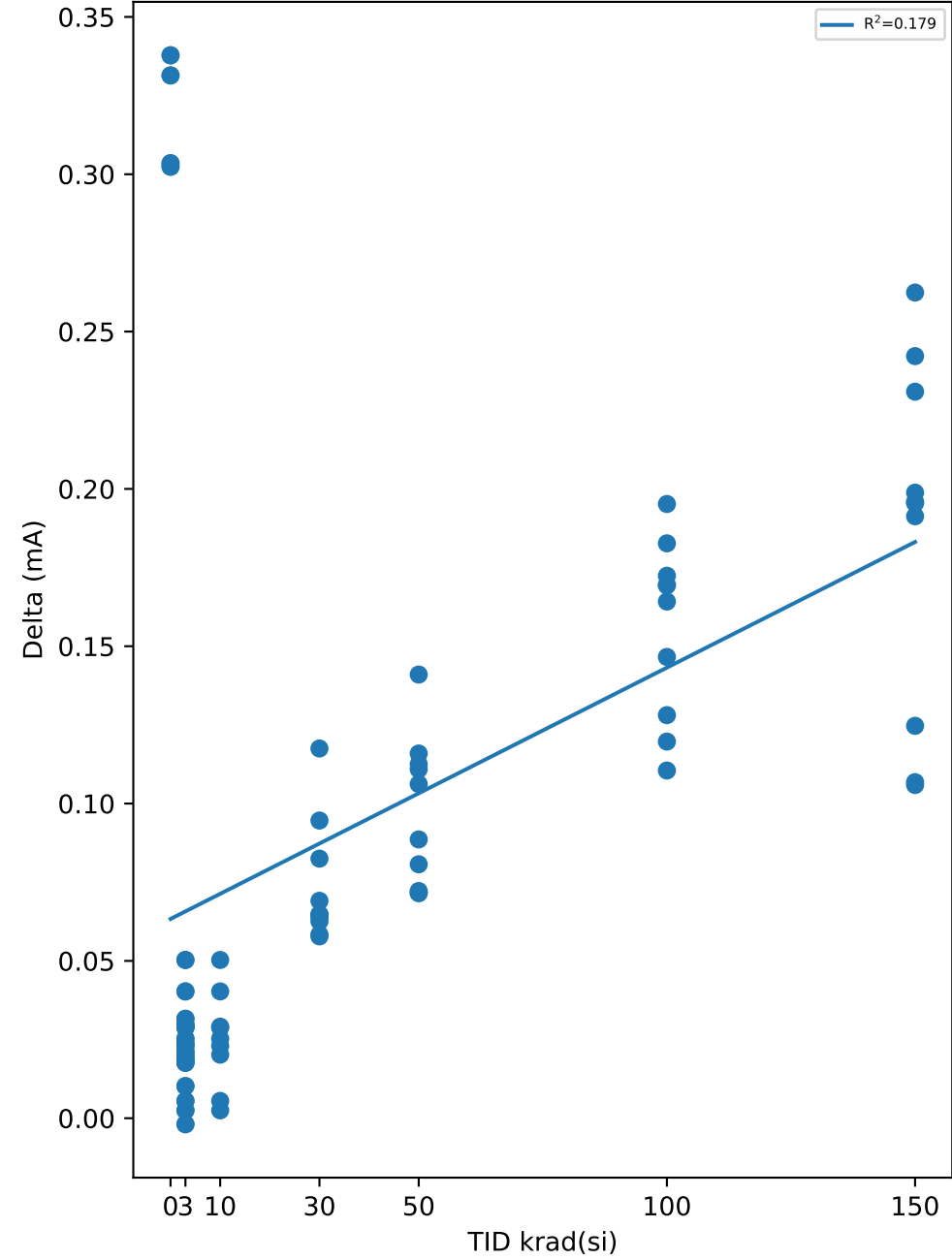
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.4379	4.4649	4.492	0.038254	4.5516	4.6166	4.6816	0.091924	0.0596	0.15165	0.2437	0.13018
3	4.34	4.4759	4.5848	0.089001	4.3618	4.5005	4.6042	0.086857	0.0132	0.024589	0.0424	0.0085712
10	4.34	4.4759	4.5848	0.089001	4.3707	4.5108	4.6194	0.089521	0.0303	0.034911	0.0484	0.005992
30	4.3779	4.4665	4.6386	0.077556	4.4289	4.5459	4.7171	0.082238	0.051	0.07933	0.119	0.019755
50	4.3779	4.4665	4.6386	0.077556	4.4712	4.5749	4.7346	0.080029	0.0899	0.10837	0.1676	0.026904
100	4.3779	4.4665	4.6386	0.077556	4.6095	4.7042	4.8416	0.084189	0.1775	0.23765	0.4407	0.077716
150	4.308	4.4573	4.589	0.086146	4.5769	4.7179	4.8018	0.075763	0.2065	0.26055	0.298	0.030867

Device Test: 36.8 lop LS VIN PWM 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



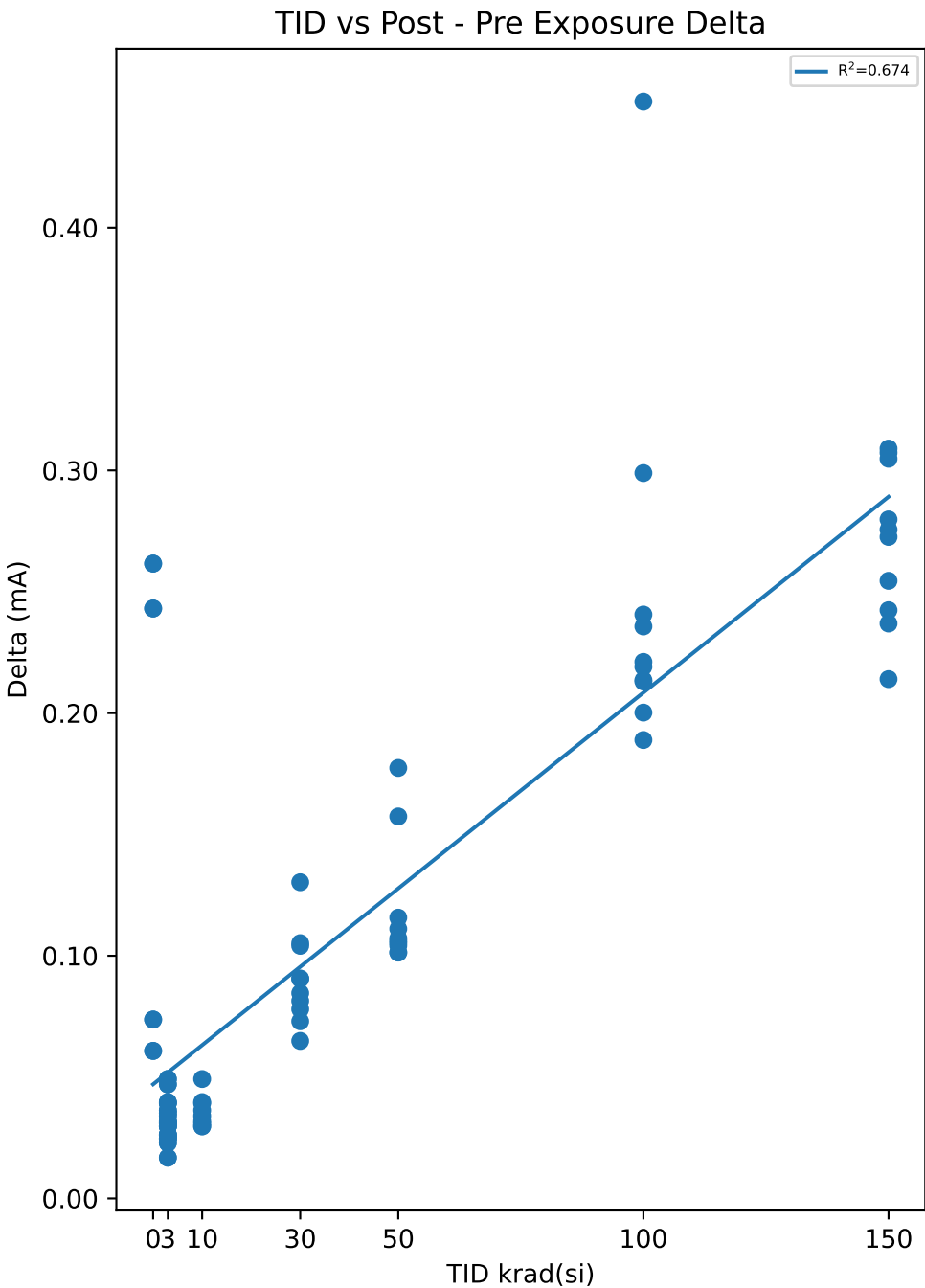
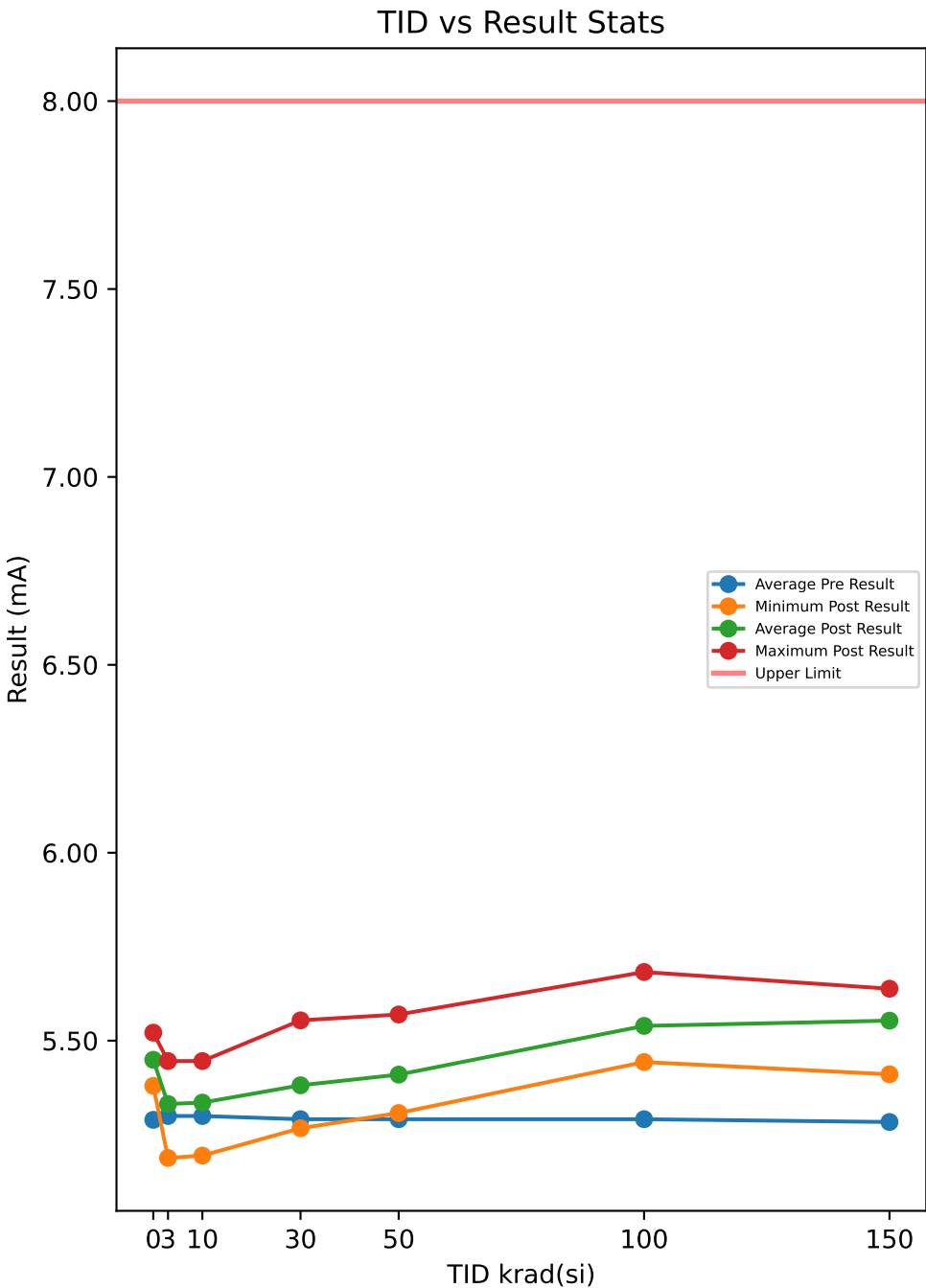
Test Results (Upper Limit = 11.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	8.1448	8.4483	0.3035
2	0	CORRELATION	8.0434	8.3812	0.3378
259	3	LDR Biased	8.099	8.1092	0.0102
426	3	LDR Biased	7.9523	7.9714	0.0191
427	3	LDR Biased	8.1768	8.2066	0.0298
428	3	LDR Biased	8.106	8.1236	0.0176
429	3	LDR Unbiased	8.0339	8.0655	0.0316
430	3	LDR Unbiased	8.1807	8.202	0.0213
431	3	LDR Unbiased	8.1462	8.1641	0.0179
432	3	LDR Unbiased	8.1936	8.2174	0.0238
433	3	LDR Unbiased	8.1156	8.1137	-0.0019
1259	10	LDR Biased	8.099	8.1281	0.0291
1426	10	LDR Biased	7.9523	7.9548	0.0025
1427	10	LDR Biased	8.1768	8.2271	0.0503
1428	10	LDR Biased	8.106	8.1348	0.0288
1429	10	LDR Unbiased	8.0339	8.0592	0.0253
1430	10	LDR Unbiased	8.1807	8.2009	0.0202
1431	10	LDR Unbiased	8.1462	8.1865	0.0403
1432	10	LDR Unbiased	8.1936	8.2166	0.023
1433	10	LDR Unbiased	8.1156	8.1211	0.0055
2434	30	LDR Biased	7.99	8.1075	0.1175
2435	30	LDR Biased	8.0362	8.101	0.0648
2436	30	LDR Biased	8.0542	8.1488	0.0946
2437	30	LDR Biased	8.0536	8.1227	0.0691
2438	30	LDR Biased	8.1331	8.1909	0.0578
2439	30	LDR Unbiased	7.8838	7.9485	0.0647
2440	30	LDR Unbiased	7.9472	8.0111	0.0639
2441	30	LDR Unbiased	8.1448	8.2074	0.0626
2443	30	LDR Unbiased	8.0434	8.1018	0.0584
2444	30	LDR Unbiased	8.0579	8.1404	0.0825
3434	50	LDR Biased	7.99	8.131	0.141
3435	50	LDR Biased	8.0362	8.1084	0.0722
3436	50	LDR Biased	8.0542	8.1701	0.1159
3437	50	LDR Biased	8.0536	8.1661	0.1125
3438	50	LDR Biased	8.1331	8.2048	0.0717
3439	50	LDR Unbiased	7.8838	7.9553	0.0715
3440	50	LDR Unbiased	7.9472	8.0534	0.1062
3441	50	LDR Unbiased	8.1448	8.2334	0.0886
3443	50	LDR Unbiased	8.0434	8.1241	0.0807
3444	50	LDR Unbiased	8.0579	8.1688	0.1109
4434	100	LDR Biased	7.99	8.1624	0.1724
4435	100	LDR Biased	8.0362	8.1828	0.1466
4436	100	LDR Biased	8.0542	8.2184	0.1642
4437	100	LDR Biased	8.0536	8.2488	0.1952
4438	100	LDR Biased	8.1331	8.2436	0.1105
4439	100	LDR Unbiased	7.8838	8.0035	0.1197
4440	100	LDR Unbiased	7.9472	8.1165	0.1693
4441	100	LDR Unbiased	8.1448	8.3144	0.1696
4443	100	LDR Unbiased	8.0434	8.1715	0.1281
4444	100	LDR Unbiased	8.0579	8.2406	0.1827
4500	150	LDR Biased	8.0912	8.29	0.1988
4501	150	LDR Biased	7.9805	8.1052	0.1247
4502	150	LDR Biased	7.9588	8.1501	0.1913
4503	150	LDR Biased	8.1959	8.3027	0.1068
4504	150	LDR Biased	8.2377	8.5001	0.2624
4505	150	LDR Unbiased	8.1213	8.3168	0.1955
4506	150	LDR Unbiased	8.2319	8.3378	0.1059
4507	150	LDR Unbiased	8.2428	8.4387	0.1959
4508	150	LDR Unbiased	8.1905	8.4327	0.2422
4509	150	LDR Unbiased	8.1177	8.3486	0.2309

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	8.0434	8.0941	8.1448	0.071701	8.3812	8.4147	8.4483	0.047447	0.3035	0.32065	0.3378	0.024254
3	7.9523	8.1116	8.1936	0.077916	7.9714	8.1304	8.2174	0.078982	-0.0019	0.018822	0.0316	0.01013
10	7.9523	8.1116	8.1936	0.077916	7.9548	8.1366	8.2271	0.087015	0.0025	0.025	0.0503	0.015079
30	7.8838	8.0344	8.1448	0.078587	7.9485	8.108	8.2074	0.077889	0.0578	0.07359	0.1175	0.019207
50	7.8838	8.0344	8.1448	0.078587	7.9553	8.1315	8.2334	0.079979	0.0715	0.09712	0.141	0.023694
100	7.8838	8.0344	8.1448	0.078587	8.0035	8.1903	8.3144	0.085967	0.1105	0.15583	0.1952	0.028288
150	7.9588	8.1368	8.2428	0.10308	8.1052	8.3223	8.5001	0.12316	0.1059	0.18544	0.2624	0.055613

Device Test: 36.9 Iop HS BOOT PWM 1MHz VIN_12V



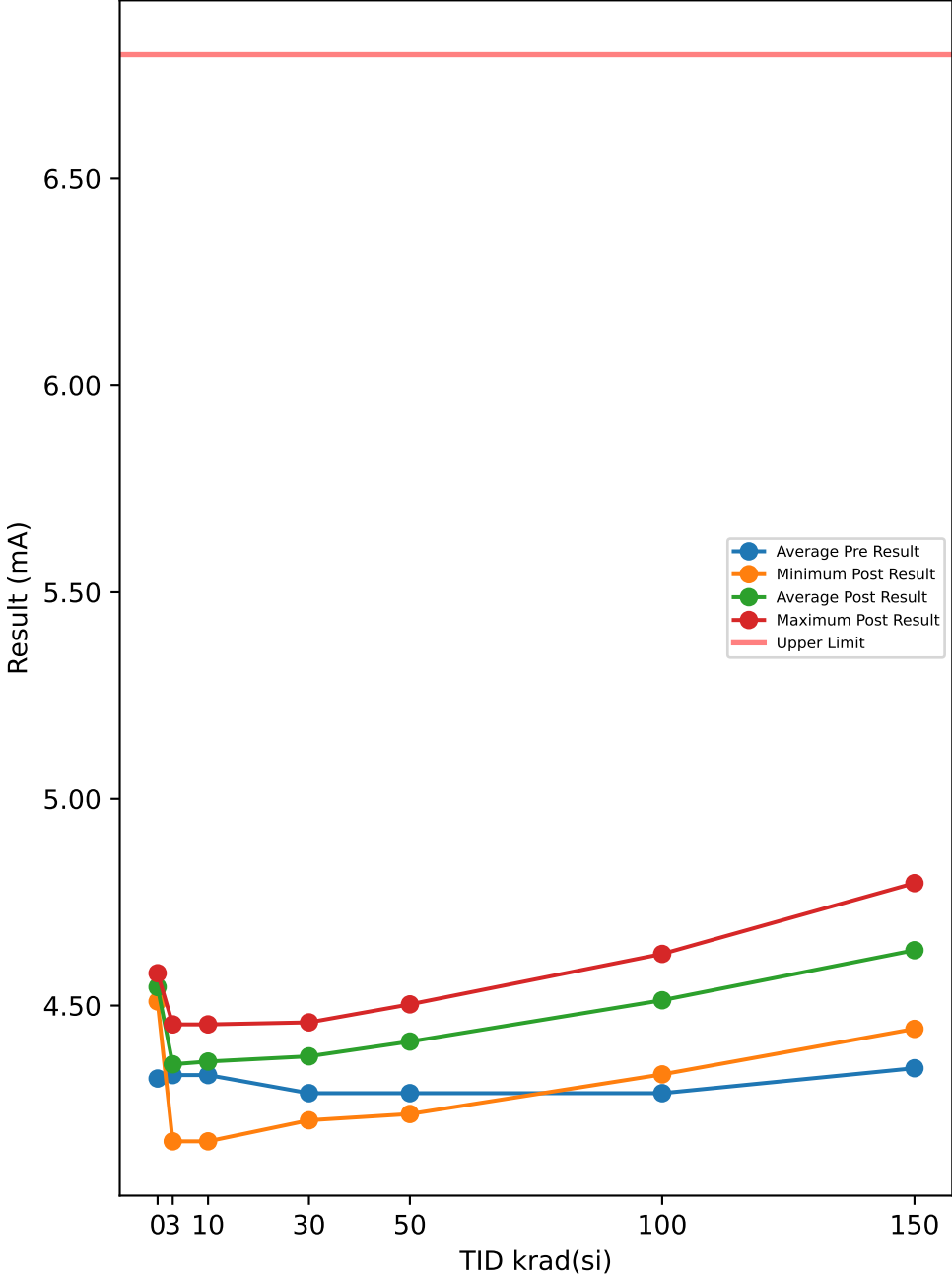
Test Results (Upper Limit = 8.0 (mA))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.3189	5.3926	0.0737
2	0	CORRELATION	5.2596	5.5212	0.2616
259	3	LDR Biased	5.2564	5.2811	0.0247
426	3	LDR Biased	5.1632	5.1878	0.0246
427	3	LDR Biased	5.3615	5.3875	0.026
428	3	LDR Biased	5.3696	5.396	0.0264
429	3	LDR Unbiased	5.1681	5.1994	0.0313
430	3	LDR Unbiased	5.2863	5.3333	0.047
431	3	LDR Unbiased	5.3692	5.386	0.0168
432	3	LDR Unbiased	5.3122	5.3474	0.0352
433	3	LDR Unbiased	5.4094	5.4323	0.0229
1259	10	LDR Biased	5.2564	5.2961	0.0397
1426	10	LDR Biased	5.1632	5.1941	0.0309
1427	10	LDR Biased	5.3615	5.3913	0.0298
1428	10	LDR Biased	5.3696	5.4036	0.034
1429	10	LDR Unbiased	5.1681	5.1978	0.0297
1430	10	LDR Unbiased	5.2863	5.3255	0.0392
1431	10	LDR Unbiased	5.3692	5.401	0.0318
1432	10	LDR Unbiased	5.3122	5.3614	0.0492
1433	10	LDR Unbiased	5.4094	5.4457	0.0363
2434	30	LDR Biased	5.2021	5.267	0.0649
2435	30	LDR Biased	5.4635	5.554	0.0905
2436	30	LDR Biased	5.2301	5.3081	0.078
2437	30	LDR Biased	5.3754	5.4568	0.0814
2438	30	LDR Biased	5.2613	5.3916	0.1303
2439	30	LDR Unbiased	5.2902	5.3632	0.073
2440	30	LDR Unbiased	5.2334	5.318	0.0846
2441	30	LDR Unbiased	5.3189	5.4241	0.1052
2443	30	LDR Unbiased	5.2596	5.3637	0.1041
2444	30	LDR Unbiased	5.2752	5.3658	0.0906
3434	50	LDR Biased	5.2021	5.3074	0.1053
3435	50	LDR Biased	5.4635	5.5696	0.1061
3436	50	LDR Biased	5.2301	5.3412	0.1111
3437	50	LDR Biased	5.3754	5.4767	0.1013
3438	50	LDR Biased	5.2613	5.4387	0.1774
3439	50	LDR Unbiased	5.2902	5.3916	0.1014
3440	50	LDR Unbiased	5.2334	5.3491	0.1157
3441	50	LDR Unbiased	5.3189	5.4763	0.1574
3443	50	LDR Unbiased	5.2596	5.3638	0.1042
3444	50	LDR Unbiased	5.2752	5.3824	0.1072
4434	100	LDR Biased	5.2021	5.6541	0.452
4435	100	LDR Biased	5.4635	5.6826	0.2191
4436	100	LDR Biased	5.2301	5.4431	0.213
4437	100	LDR Biased	5.3754	5.5965	0.2211
4438	100	LDR Biased	5.2613	5.5602	0.2989
4439	100	LDR Unbiased	5.2902	5.4791	0.1889
4440	100	LDR Unbiased	5.2334	5.447	0.2136
4441	100	LDR Unbiased	5.3189	5.5595	0.2406
4443	100	LDR Unbiased	5.2596	5.4953	0.2357
4444	100	LDR Unbiased	5.2752	5.4754	0.2002
4500	150	LDR Biased	5.2463	5.5511	0.3048
4501	150	LDR Biased	5.168	5.4104	0.2424
4502	150	LDR Biased	5.2745	5.5818	0.3073
4503	150	LDR Biased	5.308	5.5806	0.2726
4504	150	LDR Biased	5.3248	5.6004	0.2756
4505	150	LDR Unbiased	5.3109	5.5907	0.2798
4506	150	LDR Unbiased	5.2757	5.5126	0.2369
4507	150	LDR Unbiased	5.4139	5.6279	0.214
4508	150	LDR Unbiased	5.3837	5.6382	0.2545
4509	150	LDR Unbiased	5.1296	5.4386	0.309

Test Statistics (mA)

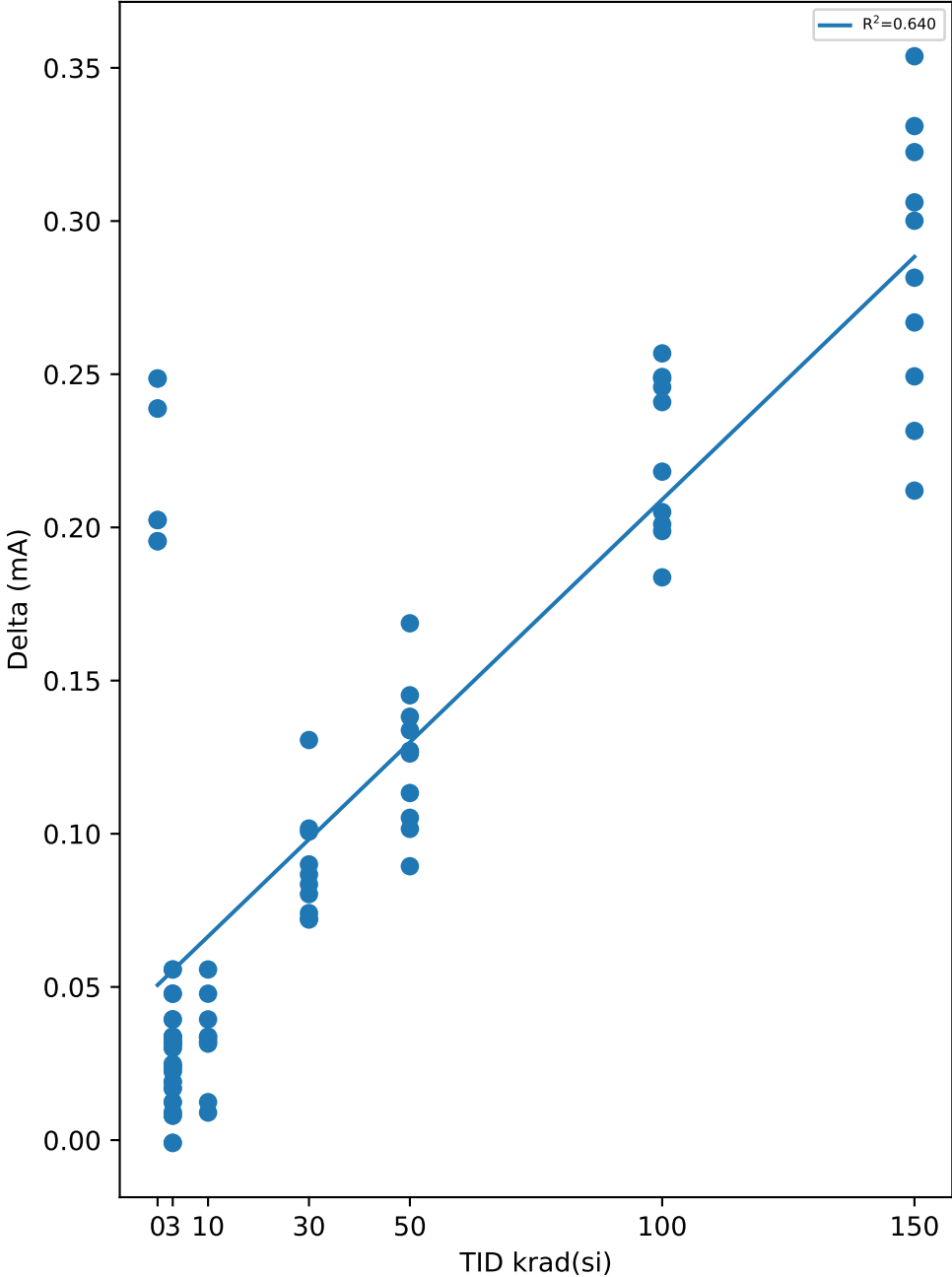
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.2596	5.2893	5.3189	0.041931	5.3926	5.4569	5.5212	0.090934	0.0737	0.16765	0.2616	0.13287
3	5.1632	5.2995	5.4094	0.089254	5.1878	5.3279	5.4323	0.087468	0.0168	0.028322	0.047	0.0086837
10	5.1632	5.2995	5.4094	0.089254	5.1941	5.3352	5.4457	0.090459	0.0297	0.035622	0.0492	0.0063517
30	5.2021	5.291	5.4635	0.077964	5.267	5.3812	5.554	0.082172	0.0649	0.09026	0.1303	0.018915
50	5.2021	5.291	5.4635	0.077964	5.3074	5.4097	5.5696	0.079821	0.1013	0.11871	0.1774	0.026443
100	5.2021	5.291	5.4635	0.077964	5.4431	5.5393	5.6826	0.085145	0.1889	0.24831	0.452	0.077572
150	5.1296	5.2835	5.4139	0.087338	5.4104	5.5532	5.6382	0.076873	0.214	0.26969	0.309	0.032472

Device Test: 37.0 Iq LS VIN PWM VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.8 (mA))

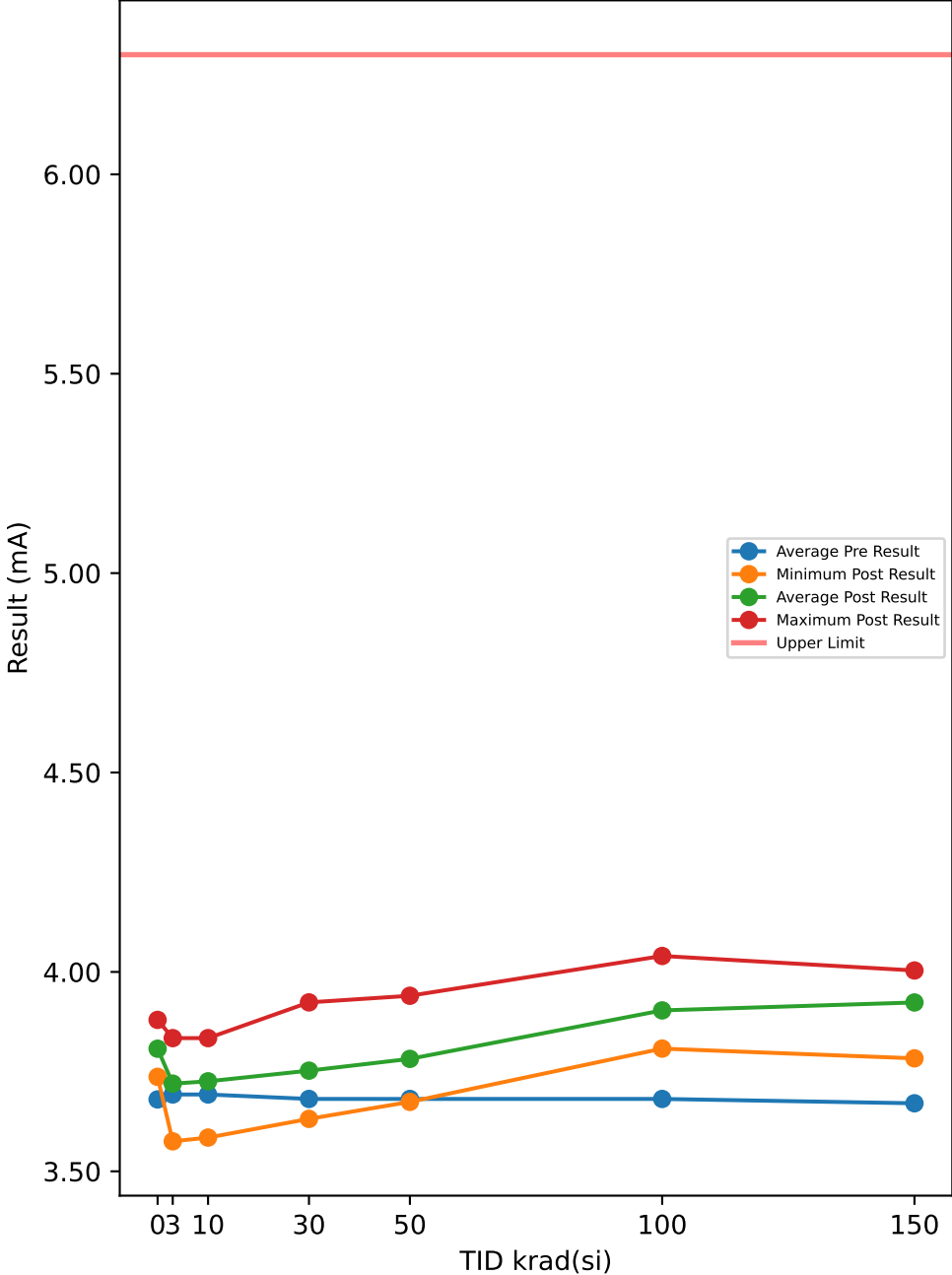
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.3758	4.5782	0.2024
2	0	CORRELATION	4.2712	4.5198	0.2486
259	3	LDR Biased	4.3015	4.3095	0.008
426	3	LDR Biased	4.1626	4.1851	0.0225
427	3	LDR Biased	4.3987	4.4303	0.0316
428	3	LDR Biased	4.2773	4.2963	0.019
429	3	LDR Unbiased	4.2874	4.3175	0.0301
430	3	LDR Unbiased	4.4019	4.4258	0.0239
431	3	LDR Unbiased	4.3841	4.401	0.0169
432	3	LDR Unbiased	4.3968	4.4216	0.0248
433	3	LDR Unbiased	4.3762	4.3753	-0.0009
1259	10	LDR Biased	4.3015	4.3353	0.0338
1426	10	LDR Biased	4.1626	4.1716	0.009
1427	10	LDR Biased	4.3987	4.4544	0.0557
1428	10	LDR Biased	4.2773	4.3167	0.0394
1429	10	LDR Unbiased	4.2874	4.321	0.0336
1430	10	LDR Unbiased	4.4019	4.4334	0.0315
1431	10	LDR Unbiased	4.3841	4.4319	0.0478
1432	10	LDR Unbiased	4.3968	4.429	0.0322
1433	10	LDR Unbiased	4.3762	4.3886	0.0124
2434	30	LDR Biased	4.2619	4.3925	0.1306
2435	30	LDR Biased	4.3211	4.3931	0.072
2436	30	LDR Biased	4.2928	4.3945	0.1017
2437	30	LDR Biased	4.3552	4.4293	0.0741
2438	30	LDR Biased	4.356	4.4282	0.0722
2439	30	LDR Unbiased	4.1325	4.2225	0.09
2440	30	LDR Unbiased	4.2293	4.316	0.0867
2441	30	LDR Unbiased	4.3758	4.4593	0.0835
2443	30	LDR Unbiased	4.2712	4.3515	0.0803
2444	30	LDR Unbiased	4.2846	4.3853	0.1007
3434	50	LDR Biased	4.2619	4.4306	0.1687
3435	50	LDR Biased	4.3211	4.4105	0.0894
3436	50	LDR Biased	4.2928	4.4266	0.1338
3437	50	LDR Biased	4.3552	4.4814	0.1262
3438	50	LDR Biased	4.356	4.4576	0.1016
3439	50	LDR Unbiased	4.1325	4.2377	0.1052
3440	50	LDR Unbiased	4.2293	4.3675	0.1382
3441	50	LDR Unbiased	4.3758	4.5029	0.1271
3443	50	LDR Unbiased	4.2712	4.3845	0.1133
3444	50	LDR Unbiased	4.2846	4.4298	0.1452
4434	100	LDR Biased	4.2619	4.5028	0.2409
4435	100	LDR Biased	4.3211	4.5199	0.1988
4436	100	LDR Biased	4.2928	4.511	0.2182
4437	100	LDR Biased	4.3552	4.601	0.2458
4438	100	LDR Biased	4.356	4.5397	0.1837
4439	100	LDR Unbiased	4.1325	4.3335	0.201
4440	100	LDR Unbiased	4.2293	4.4779	0.2486
4441	100	LDR Unbiased	4.3758	4.6249	0.2491
4443	100	LDR Unbiased	4.2712	4.4762	0.205
4444	100	LDR Unbiased	4.2846	4.5414	0.2568
4500	150	LDR Biased	4.3364	4.6179	0.2815
4501	150	LDR Biased	4.212	4.4435	0.2315
4502	150	LDR Biased	4.1924	4.4593	0.2669
4503	150	LDR Biased	4.4081	4.6201	0.212
4504	150	LDR Biased	4.4736	4.7961	0.3225
4505	150	LDR Unbiased	4.3442	4.6443	0.3001
4506	150	LDR Unbiased	4.4189	4.6682	0.2493
4507	150	LDR Unbiased	4.4412	4.7473	0.3061
4508	150	LDR Unbiased	4.3861	4.7399	0.3538
4509	150	LDR Unbiased	4.2712	4.6022	0.331

Test Statistics (mA)

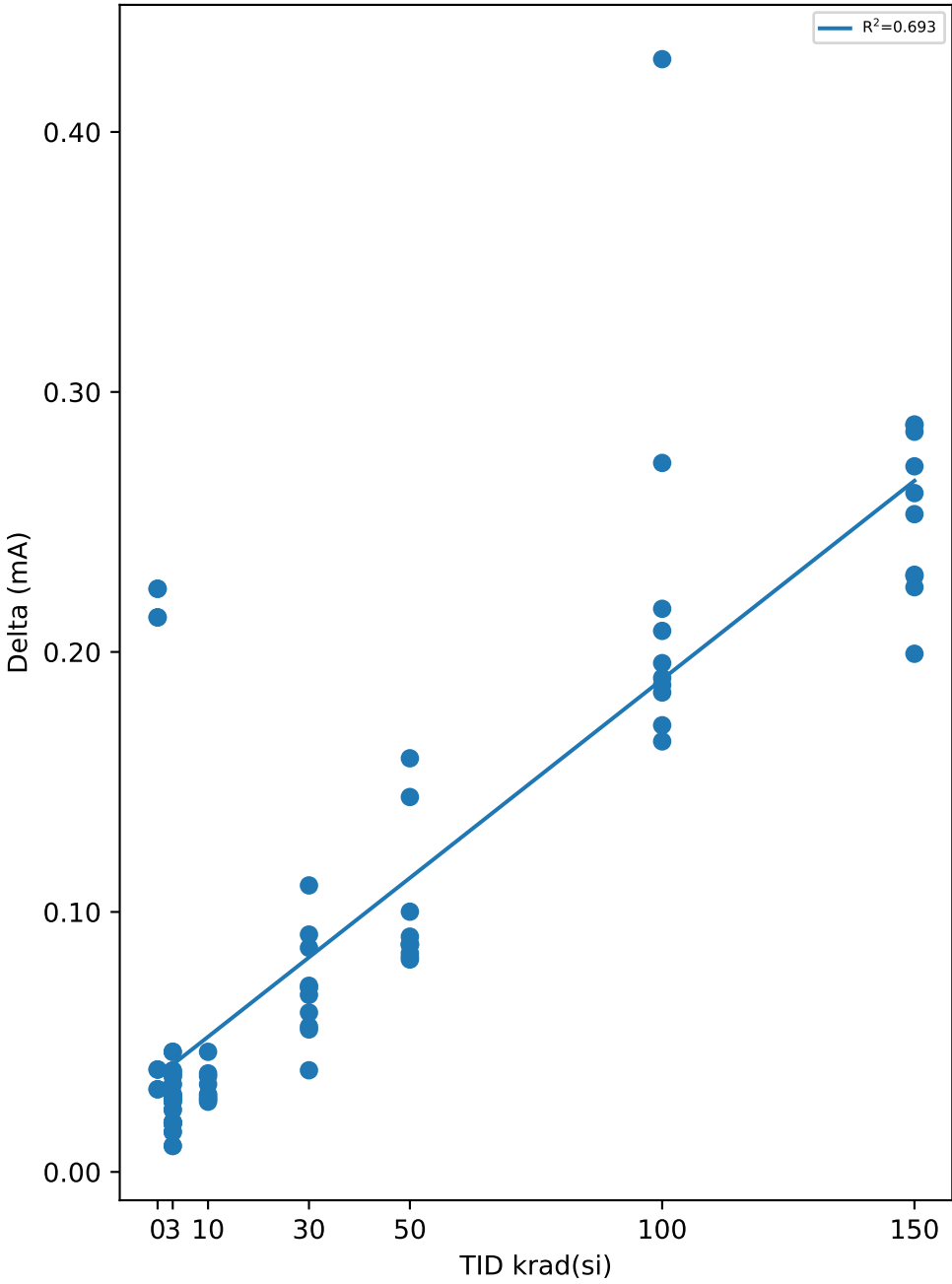
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.2712	4.3235	4.3758	0.073963	4.5198	4.549	4.5782	0.041295	0.2024	0.2255	0.2486	0.032668
3	4.1626	4.3318	4.4019	0.081248	4.1851	4.3514	4.4303	0.081637	-0.0009	0.019544	0.0316	0.010432
10	4.1626	4.3318	4.4019	0.081248	4.1716	4.3647	4.4544	0.089689	0.009	0.032822	0.0557	0.014913
30	4.1325	4.288	4.3758	0.071932	4.2225	4.3772	4.4593	0.067697	0.072	0.08918	0.1306	0.018055
50	4.1325	4.288	4.3758	0.071932	4.2377	4.4129	4.5029	0.073896	0.0894	0.12487	0.1687	0.023378
100	4.1325	4.288	4.3758	0.071932	4.3335	4.5128	4.6249	0.079405	0.1837	0.22479	0.2568	0.026349
150	4.1924	4.3484	4.4736	0.096209	4.4435	4.6339	4.7961	0.11541	0.212	0.28547	0.3538	0.045622

Device Test: 37.1 Iq HS BOOT PWM VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.3 (mA))

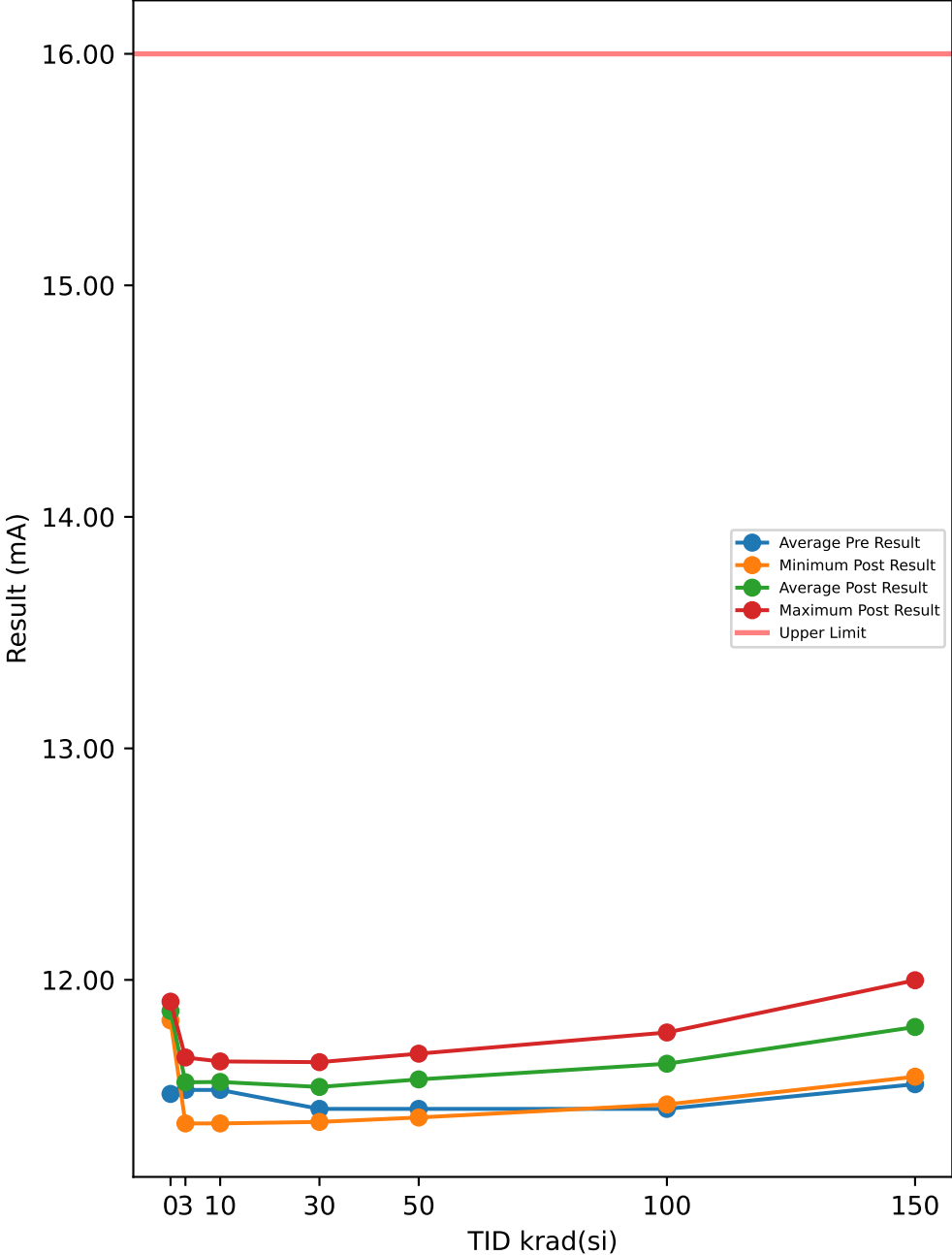
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.7051	3.7445	0.0394
2	0	CORRELATION	3.6554	3.8797	0.2243
259	3	LDR Biased	3.6391	3.6576	0.0185
426	3	LDR Biased	3.5562	3.5752	0.019
427	3	LDR Biased	3.7649	3.7838	0.0189
428	3	LDR Biased	3.7692	3.7883	0.0191
429	3	LDR Unbiased	3.5677	3.5916	0.0239
430	3	LDR Unbiased	3.6752	3.7142	0.039
431	3	LDR Unbiased	3.7588	3.7688	0.01
432	3	LDR Unbiased	3.7026	3.7317	0.0291
433	3	LDR Unbiased	3.8003	3.8157	0.0154
1259	10	LDR Biased	3.6391	3.677	0.0379
1426	10	LDR Biased	3.5562	3.5846	0.0284
1427	10	LDR Biased	3.7649	3.7919	0.027
1428	10	LDR Biased	3.7692	3.7985	0.0293
1429	10	LDR Unbiased	3.5677	3.5955	0.0278
1430	10	LDR Unbiased	3.6752	3.712	0.0368
1431	10	LDR Unbiased	3.7588	3.7887	0.0299
1432	10	LDR Unbiased	3.7026	3.7488	0.0462
1433	10	LDR Unbiased	3.8003	3.834	0.0337
2434	30	LDR Biased	3.5924	3.6315	0.0391
2435	30	LDR Biased	3.8527	3.9236	0.0709
2436	30	LDR Biased	3.6258	3.6817	0.0559
2437	30	LDR Biased	3.7655	3.8268	0.0613
2438	30	LDR Biased	3.6576	3.7678	0.1102
2439	30	LDR Unbiased	3.6833	3.7381	0.0548
2440	30	LDR Unbiased	3.6177	3.6858	0.0681
2441	30	LDR Unbiased	3.7051	3.7964	0.0913
2443	30	LDR Unbiased	3.6554	3.7416	0.0862
2444	30	LDR Unbiased	3.6593	3.7309	0.0716
3434	50	LDR Biased	3.5924	3.6741	0.0817
3435	50	LDR Biased	3.8527	3.9402	0.0875
3436	50	LDR Biased	3.6258	3.7163	0.0905
3437	50	LDR Biased	3.7655	3.8482	0.0827
3438	50	LDR Biased	3.6576	3.8167	0.1591
3439	50	LDR Unbiased	3.6833	3.7674	0.0841
3440	50	LDR Unbiased	3.6177	3.7178	0.1001
3441	50	LDR Unbiased	3.7051	3.8493	0.1442
3443	50	LDR Unbiased	3.6554	3.7427	0.0873
3444	50	LDR Unbiased	3.6593	3.747	0.0877
4434	100	LDR Biased	3.5924	4.0204	0.428
4435	100	LDR Biased	3.8527	4.04	0.1873
4436	100	LDR Biased	3.6258	3.8102	0.1844
4437	100	LDR Biased	3.7655	3.9612	0.1957
4438	100	LDR Biased	3.6576	3.9303	0.2727
4439	100	LDR Unbiased	3.6833	3.8489	0.1656
4440	100	LDR Unbiased	3.6177	3.8077	0.19
4441	100	LDR Unbiased	3.7051	3.9217	0.2166
4443	100	LDR Unbiased	3.6554	3.8635	0.2081
4444	100	LDR Unbiased	3.6593	3.8311	0.1718
4500	150	LDR Biased	3.6421	3.9294	0.2873
4501	150	LDR Biased	3.5584	3.7833	0.2249
4502	150	LDR Biased	3.6554	3.9401	0.2847
4503	150	LDR Biased	3.6919	3.9449	0.253
4504	150	LDR Biased	3.7074	3.9685	0.2611
4505	150	LDR Unbiased	3.6927	3.9641	0.2714
4506	150	LDR Unbiased	3.6555	3.8847	0.2292
4507	150	LDR Unbiased	3.8043	4.0036	0.1993
4508	150	LDR Unbiased	3.7728	4.0025	0.2297
4509	150	LDR Unbiased	3.5253	3.8128	0.2875

Test Statistics (mA)

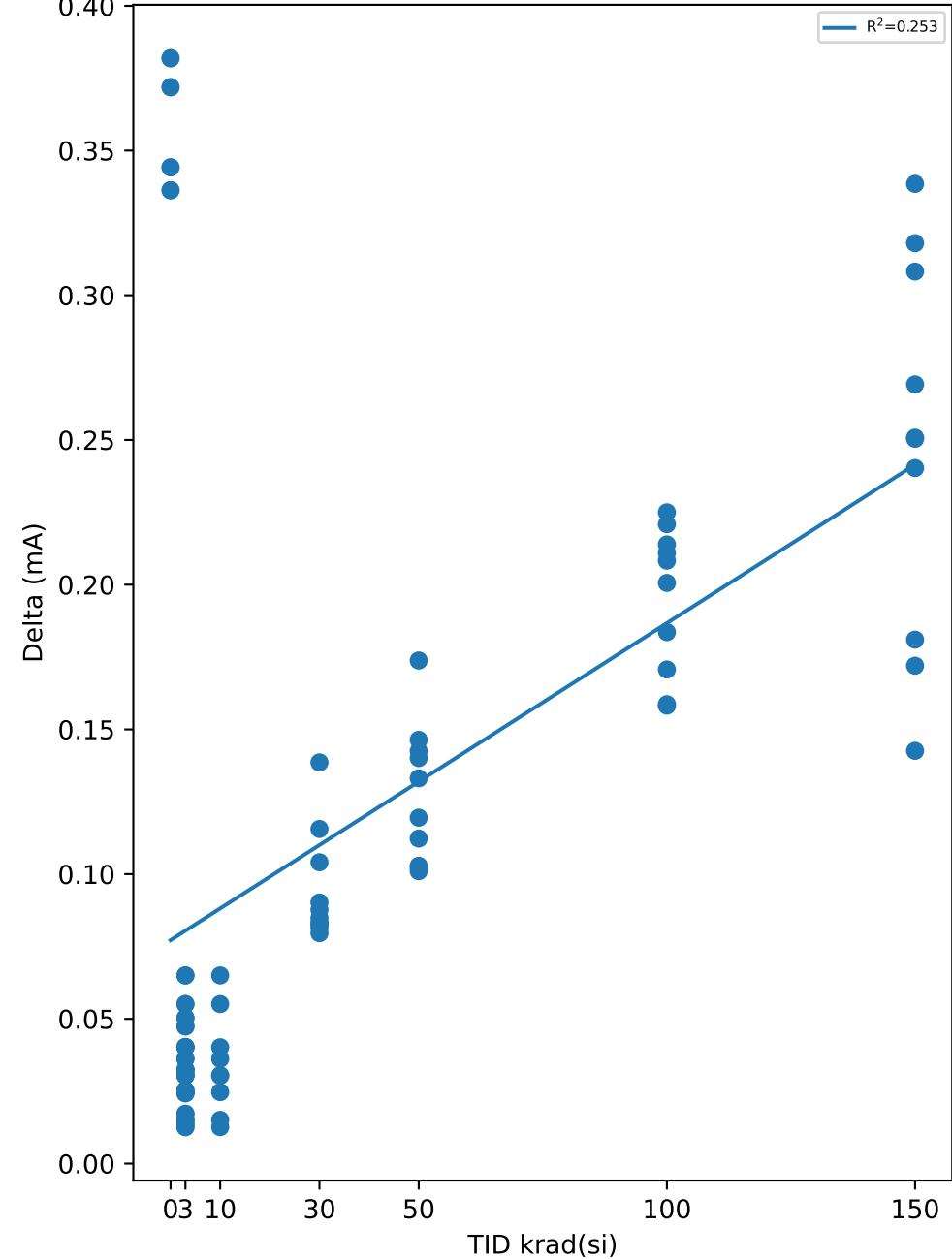
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6554	3.6803	3.7051	0.035143	3.7445	3.8121	3.8797	0.095601	0.0394	0.13185	0.2243	0.13074
3	3.5562	3.6927	3.8003	0.089824	3.5752	3.7141	3.8157	0.087664	0.01	0.021433	0.039	0.0084184
10	3.5562	3.6927	3.8003	0.089824	3.5846	3.7257	3.834	0.09037	0.027	0.033	0.0462	0.0063313
30	3.5924	3.6815	3.8527	0.077304	3.6315	3.7524	3.9236	0.0829	0.0391	0.07094	0.1102	0.020523
50	3.5924	3.6815	3.8527	0.077304	3.6741	3.782	3.9402	0.08042	0.0817	0.10049	0.1591	0.027669
100	3.5924	3.6815	3.8527	0.077304	3.8077	3.9035	4.04	0.084579	0.1656	0.22202	0.428	0.078361
150	3.5253	3.6706	3.8043	0.085368	3.7833	3.9234	4.0036	0.074918	0.1993	0.25281	0.2875	0.030837

Device Test: 37.10 Iop LS VIN PWM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 16.0 (mA))

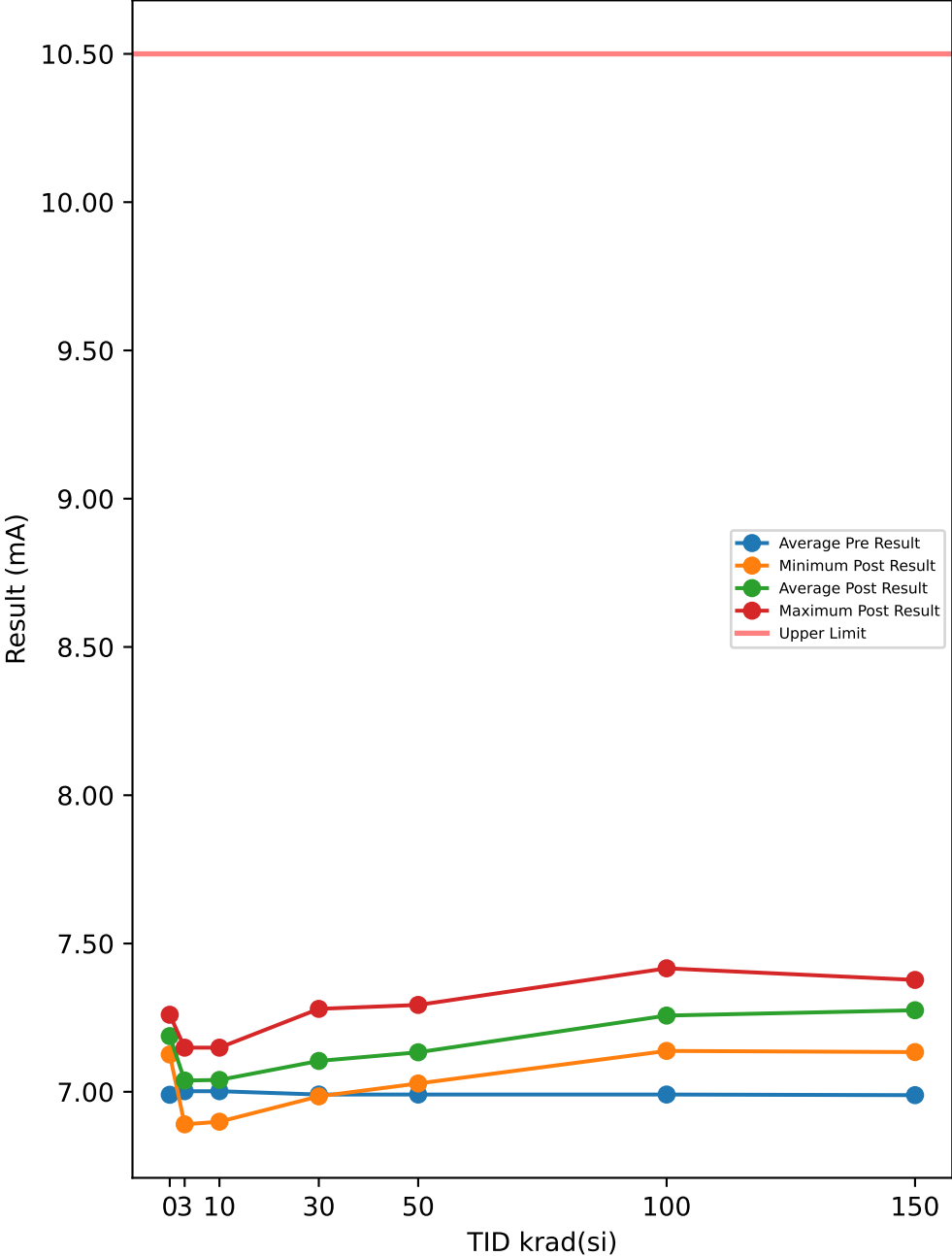
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.562	11.898	0.3363
2	0	CORRELATION	11.453	11.835	0.3819
259	3	LDR Biased	11.524	11.557	0.0323
426	3	LDR Biased	11.367	11.408	0.0403
427	3	LDR Biased	11.573	11.597	0.0243
428	3	LDR Biased	11.521	11.553	0.0324
429	3	LDR Unbiased	11.422	11.472	0.0503
430	3	LDR Unbiased	11.588	11.613	0.0253
431	3	LDR Unbiased	11.563	11.578	0.014
432	3	LDR Unbiased	11.617	11.665	0.0474
433	3	LDR Unbiased	11.546	11.563	0.0172
1259	10	LDR Biased	11.524	11.565	0.0402
1426	10	LDR Biased	11.367	11.38	0.0126
1427	10	LDR Biased	11.573	11.638	0.065
1428	10	LDR Biased	11.521	11.557	0.0362
1429	10	LDR Unbiased	11.422	11.452	0.0305
1430	10	LDR Unbiased	11.588	11.612	0.0247
1431	10	LDR Unbiased	11.563	11.619	0.0551
1432	10	LDR Unbiased	11.617	11.648	0.0304
1433	10	LDR Unbiased	11.546	11.561	0.0151
2434	30	LDR Biased	11.391	11.529	0.1386
2435	30	LDR Biased	11.442	11.529	0.0877
2436	30	LDR Biased	11.457	11.573	0.1156
2437	30	LDR Biased	11.455	11.545	0.0902
2438	30	LDR Biased	11.545	11.627	0.0815
2439	30	LDR Unbiased	11.303	11.386	0.0831
2440	30	LDR Unbiased	11.339	11.424	0.0848
2441	30	LDR Unbiased	11.562	11.645	0.0829
2443	30	LDR Unbiased	11.453	11.533	0.0796
2444	30	LDR Unbiased	11.48	11.584	0.1041
3434	50	LDR Biased	11.391	11.565	0.1738
3435	50	LDR Biased	11.442	11.543	0.101
3436	50	LDR Biased	11.457	11.604	0.1464
3437	50	LDR Biased	11.455	11.595	0.1401
3438	50	LDR Biased	11.545	11.648	0.1029
3439	50	LDR Unbiased	11.303	11.406	0.1022
3440	50	LDR Unbiased	11.339	11.472	0.1331
3441	50	LDR Unbiased	11.562	11.681	0.1195
3443	50	LDR Unbiased	11.453	11.565	0.1123
3444	50	LDR Unbiased	11.48	11.623	0.1425
4434	100	LDR Biased	11.391	11.605	0.2139
4435	100	LDR Biased	11.442	11.625	0.1836
4436	100	LDR Biased	11.457	11.658	0.2006
4437	100	LDR Biased	11.455	11.68	0.225
4438	100	LDR Biased	11.545	11.703	0.1582
4439	100	LDR Unbiased	11.303	11.462	0.1587
4440	100	LDR Unbiased	11.339	11.547	0.2083
4441	100	LDR Unbiased	11.562	11.773	0.211
4443	100	LDR Unbiased	11.453	11.624	0.1707
4444	100	LDR Unbiased	11.48	11.701	0.2209
4500	150	LDR Biased	11.485	11.725	0.2403
4501	150	LDR Biased	11.401	11.582	0.181
4502	150	LDR Biased	11.388	11.639	0.2508
4503	150	LDR Biased	11.61	11.781	0.172
4504	150	LDR Biased	11.66	11.998	0.3385
4505	150	LDR Unbiased	11.527	11.778	0.2504
4506	150	LDR Unbiased	11.655	11.798	0.1426
4507	150	LDR Unbiased	11.633	11.903	0.2692
4508	150	LDR Unbiased	11.6	11.908	0.3082
4509	150	LDR Unbiased	11.535	11.853	0.318

Test Statistics (mA)

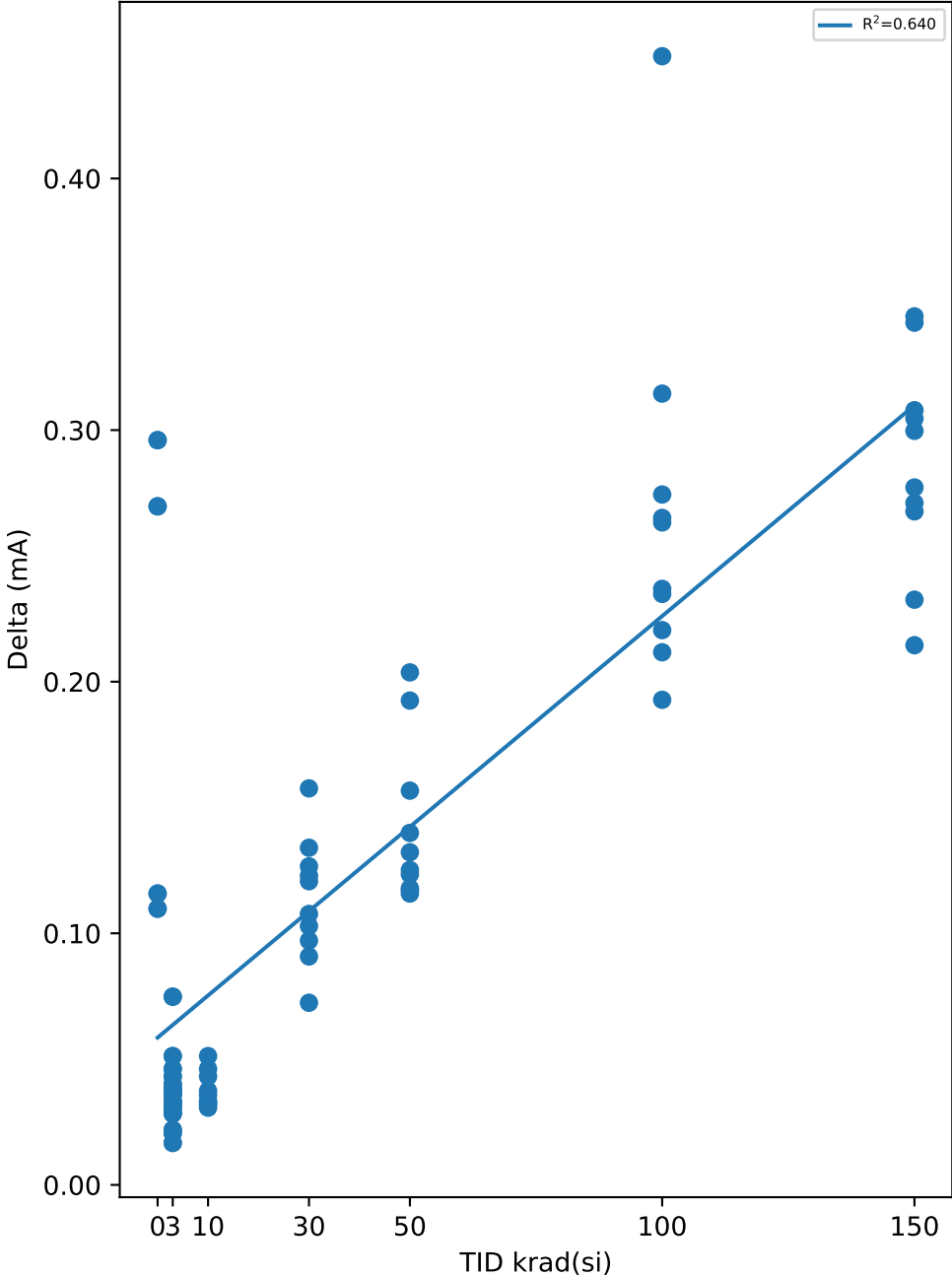
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.453	11.507	11.562	0.076933	11.835	11.866	11.898	0.044689	0.3363	0.3591	0.3819	0.032244
3	11.367	11.525	11.617	0.080782	11.408	11.556	11.665	0.076111	0.014	0.0315	0.0503	0.01268
10	11.367	11.525	11.617	0.080782	11.38	11.559	11.648	0.089441	0.0126	0.034422	0.065	0.017229
30	11.303	11.443	11.562	0.08128	11.386	11.538	11.645	0.080887	0.0796	0.09481	0.1386	0.019136
50	11.303	11.443	11.562	0.08128	11.406	11.57	11.681	0.081984	0.101	0.12738	0.1738	0.023941
100	11.303	11.443	11.562	0.08128	11.462	11.638	11.773	0.087738	0.1582	0.19509	0.225	0.025352
150	11.388	11.549	11.66	0.099857	11.582	11.796	11.998	0.12666	0.1426	0.2471	0.3385	0.065492

Device Test: 37.11 lop HS BOOT PWM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



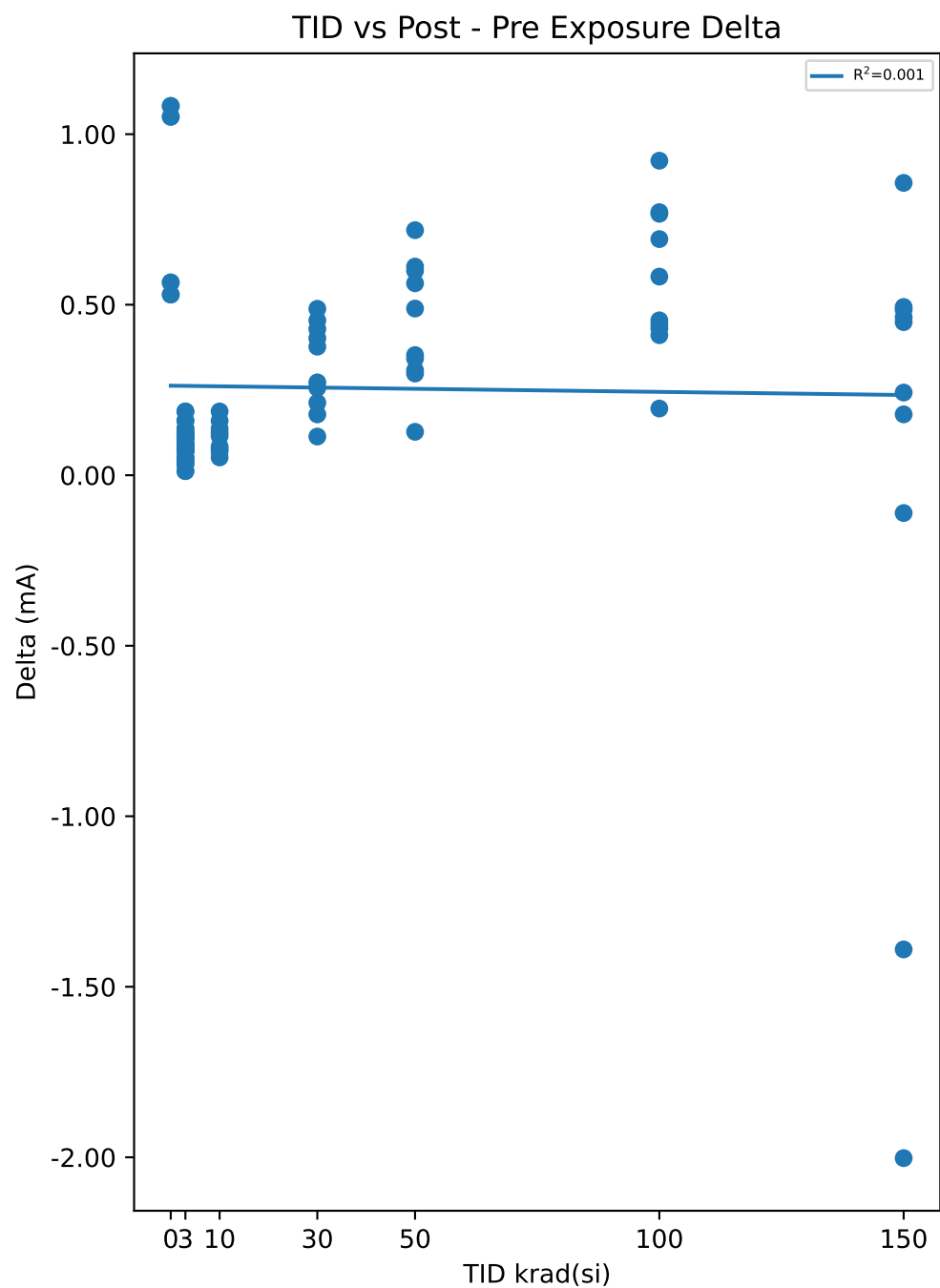
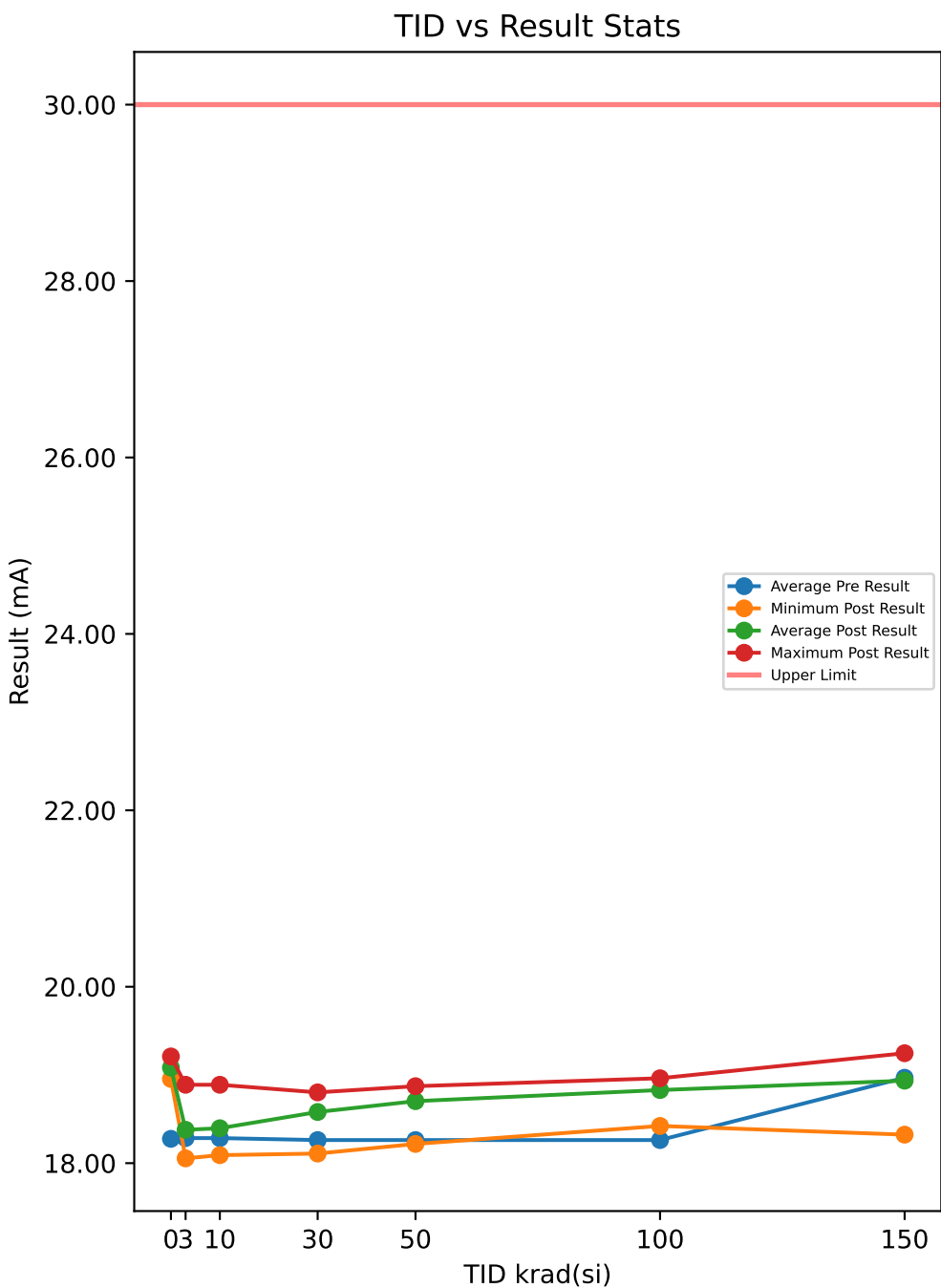
Test Results (Upper Limit = 10.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0161	7.1319	0.1158
2	0	CORRELATION	6.9638	7.2598	0.296
259	3	LDR Biased	6.9718	7.0007	0.0289
426	3	LDR Biased	6.8713	6.8919	0.0206
427	3	LDR Biased	7.0507	7.0908	0.0401
428	3	LDR Biased	7.0762	7.0929	0.0167
429	3	LDR Unbiased	6.8684	6.8903	0.0219
430	3	LDR Unbiased	6.9764	7.0512	0.0748
431	3	LDR Unbiased	7.0682	7.1067	0.0385
432	3	LDR Unbiased	7.0234	7.0517	0.0283
433	3	LDR Unbiased	7.1114	7.148	0.0366
1259	10	LDR Biased	6.9718	7.0149	0.0431
1426	10	LDR Biased	6.8713	6.9039	0.0326
1427	10	LDR Biased	7.0507	7.084	0.0333
1428	10	LDR Biased	7.0762	7.1079	0.0317
1429	10	LDR Unbiased	6.8684	6.8991	0.0307
1430	10	LDR Unbiased	6.9764	7.0225	0.0461
1431	10	LDR Unbiased	7.0682	7.1039	0.0357
1432	10	LDR Unbiased	7.0234	7.0746	0.0512
1433	10	LDR Unbiased	7.1114	7.1488	0.0374
2434	30	LDR Biased	6.9122	6.9846	0.0724
2435	30	LDR Biased	7.153	7.2796	0.1266
2436	30	LDR Biased	6.9261	7.0169	0.0908
2437	30	LDR Biased	7.0822	7.1899	0.1077
2438	30	LDR Biased	6.9607	7.1183	0.1576
2439	30	LDR Unbiased	6.9822	7.0793	0.0971
2440	30	LDR Unbiased	6.9152	7.0381	0.1229
2441	30	LDR Unbiased	7.0161	7.1501	0.134
2443	30	LDR Unbiased	6.9638	7.0845	0.1207
2444	30	LDR Unbiased	6.996	7.0989	0.1029
3434	50	LDR Biased	6.9122	7.028	0.1158
3435	50	LDR Biased	7.153	7.2929	0.1399
3436	50	LDR Biased	6.9261	7.0432	0.1171
3437	50	LDR Biased	7.0822	7.2074	0.1252
3438	50	LDR Biased	6.9607	7.1644	0.2037
3439	50	LDR Unbiased	6.9822	7.1144	0.1322
3440	50	LDR Unbiased	6.9152	7.0719	0.1567
3441	50	LDR Unbiased	7.0161	7.2086	0.1925
3443	50	LDR Unbiased	6.9638	7.0873	0.1235
3444	50	LDR Unbiased	6.996	7.1139	0.1179
4434	100	LDR Biased	6.9122	7.3608	0.4486
4435	100	LDR Biased	7.153	7.4163	0.2633
4436	100	LDR Biased	6.9261	7.1378	0.2117
4437	100	LDR Biased	7.0822	7.3191	0.2369
4438	100	LDR Biased	6.9607	7.2752	0.3145
4439	100	LDR Unbiased	6.9822	7.2027	0.2205
4440	100	LDR Unbiased	6.9152	7.1803	0.2651
4441	100	LDR Unbiased	7.0161	7.2905	0.2744
4443	100	LDR Unbiased	6.9638	7.1987	0.2349
4444	100	LDR Unbiased	6.996	7.1888	0.1928
4500	150	LDR Biased	6.9418	7.2415	0.2997
4501	150	LDR Biased	6.8567	7.1339	0.2772
4502	150	LDR Biased	6.9837	7.3264	0.3427
4503	150	LDR Biased	7.0105	7.3184	0.3079
4504	150	LDR Biased	7.0455	7.3132	0.2677
4505	150	LDR Unbiased	7.0306	7.3016	0.271
4506	150	LDR Unbiased	7.0034	7.236	0.2326
4507	150	LDR Unbiased	7.1215	7.336	0.2145
4508	150	LDR Unbiased	7.0726	7.3772	0.3046
4509	150	LDR Unbiased	6.8203	7.1655	0.3452

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	6.9638	6.99	7.0161	0.036982	7.1319	7.1959	7.2598	0.090439	0.1158	0.2059	0.296	0.12742
3	6.8684	7.002	7.1114	0.087454	6.8903	7.036	7.148	0.091856	0.0167	0.034044	0.0748	0.017366
10	6.8684	7.002	7.1114	0.087454	6.8991	7.04	7.1488	0.088725	0.0307	0.037978	0.0512	0.0072088
30	6.9122	6.9908	7.153	0.076825	6.9846	7.104	7.2796	0.08676	0.0724	0.11327	0.1576	0.024257
50	6.9122	6.9908	7.153	0.076825	7.028	7.1332	7.2929	0.083948	0.1158	0.14245	0.2037	0.031943
100	6.9122	6.9908	7.153	0.076825	7.1378	7.257	7.4163	0.089784	0.1928	0.26627	0.4486	0.073002
150	6.8203	6.9887	7.1215	0.093307	7.1339	7.275	7.3772	0.078458	0.2145	0.28631	0.3452	0.0426

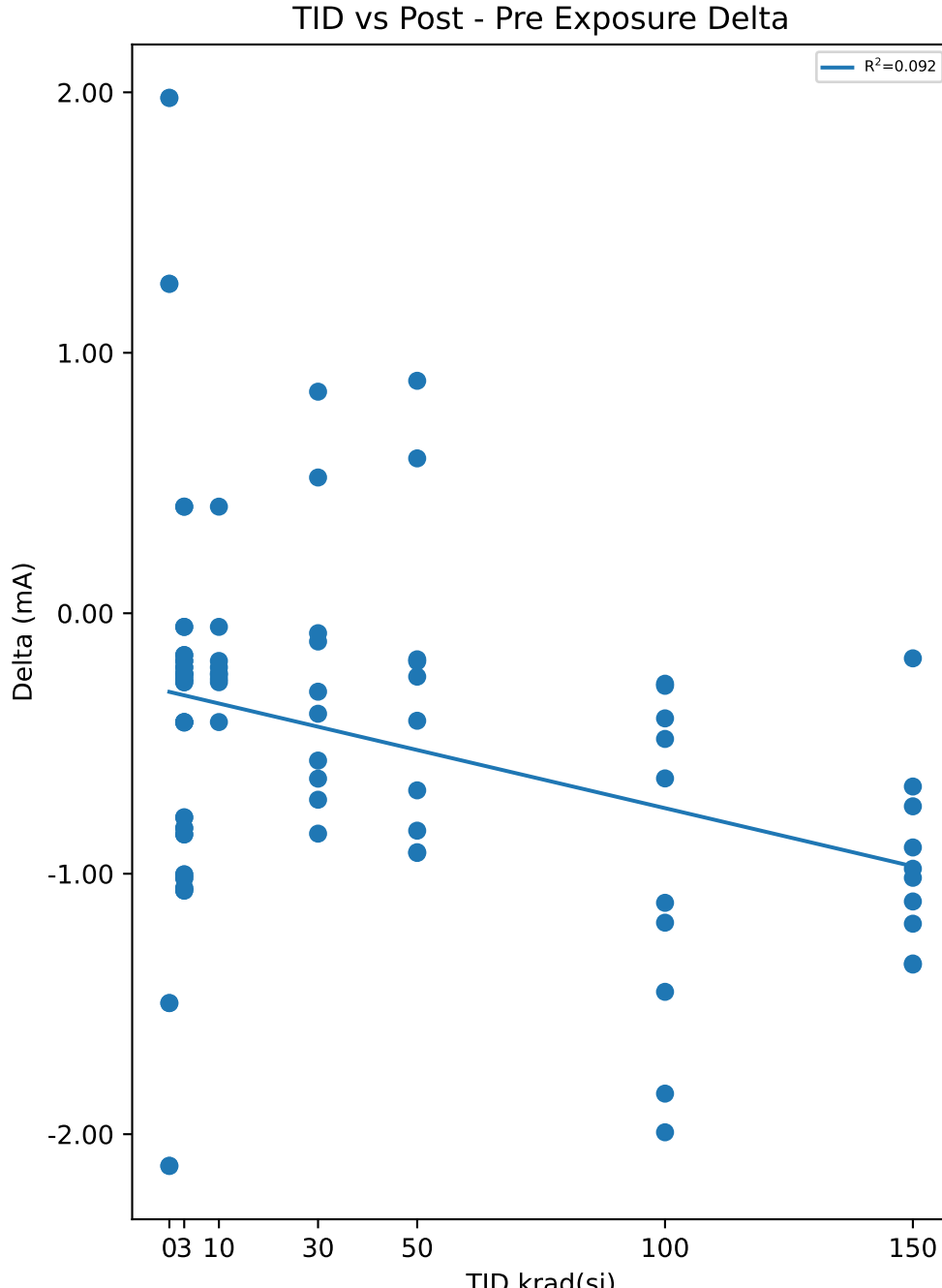
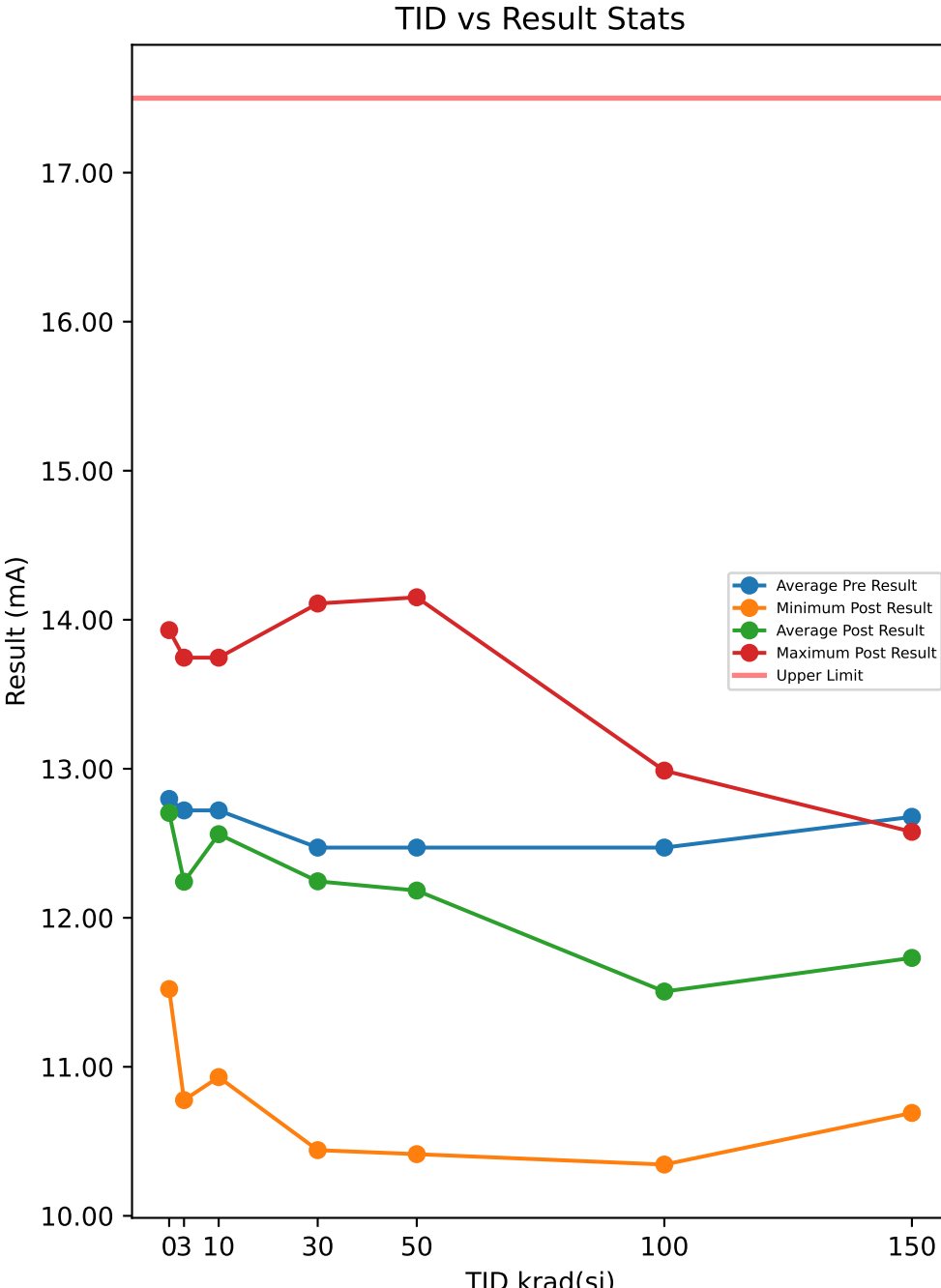
Device Test: 37.12 Iop LS VIN PWM 5MHz VIN_14V



Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	18.127	19.178	1.0512
2	0	CORRELATION	18.425	18.99	0.5652
259	3	LDR Biased	18.288	18.379	0.0904
426	3	LDR Biased	18.021	18.143	0.1221
427	3	LDR Biased	18.403	18.415	0.0121
428	3	LDR Biased	18.022	18.054	0.0324
429	3	LDR Unbiased	18.256	18.33	0.0734
430	3	LDR Unbiased	18.183	18.278	0.0948
431	3	LDR Unbiased	18.584	18.693	0.1085
432	3	LDR Unbiased	18.774	18.817	0.0433
433	3	LDR Unbiased	18.025	18.136	0.1113
1259	10	LDR Biased	18.288	18.448	0.1598
1426	10	LDR Biased	18.021	18.091	0.0696
1427	10	LDR Biased	18.403	18.455	0.0522
1428	10	LDR Biased	18.022	18.099	0.0773
1429	10	LDR Unbiased	18.256	18.393	0.1368
1430	10	LDR Unbiased	18.183	18.267	0.084
1431	10	LDR Unbiased	18.584	18.771	0.187
1432	10	LDR Unbiased	18.774	18.889	0.1146
1433	10	LDR Unbiased	18.025	18.149	0.1247
2434	30	LDR Biased	18.171	18.599	0.4285
2435	30	LDR Biased	18.672	18.785	0.1135
2436	30	LDR Biased	18.53	18.802	0.2723
2437	30	LDR Biased	18.461	18.64	0.1784
2438	30	LDR Biased	18.519	18.776	0.2563
2439	30	LDR Unbiased	17.655	18.109	0.4538
2440	30	LDR Unbiased	17.681	18.169	0.488
2441	30	LDR Unbiased	18.127	18.529	0.4017
2443	30	LDR Unbiased	18.425	18.637	0.2125
2444	30	LDR Unbiased	18.378	18.755	0.3769
3434	50	LDR Biased	18.171	18.771	0.5998
3435	50	LDR Biased	18.672	18.799	0.1273
3436	50	LDR Biased	18.53	18.872	0.3424
3437	50	LDR Biased	18.461	18.759	0.2982
3438	50	LDR Biased	18.519	18.827	0.3078
3439	50	LDR Unbiased	17.655	18.218	0.5628
3440	50	LDR Unbiased	17.681	18.399	0.7186
3441	50	LDR Unbiased	18.127	18.739	0.6118
3443	50	LDR Unbiased	18.425	18.777	0.3523
3444	50	LDR Unbiased	18.378	18.867	0.4887
4434	100	LDR Biased	18.171	18.863	0.6924
4435	100	LDR Biased	18.672	18.867	0.1956
4436	100	LDR Biased	18.53	18.941	0.4107
4437	100	LDR Biased	18.461	18.892	0.4307
4438	100	LDR Biased	18.519	18.962	0.4431
4439	100	LDR Unbiased	17.655	18.422	0.7666
4440	100	LDR Unbiased	17.681	18.603	0.9223
4441	100	LDR Unbiased	18.127	18.898	0.7714
4443	100	LDR Unbiased	18.425	18.879	0.4541
4444	100	LDR Unbiased	18.378	18.96	0.5824
4500	150	LDR Biased	18.517	18.966	0.4489
4501	150	LDR Biased	20.326	18.323	-2.0025
4502	150	LDR Biased	17.975	18.832	0.8572
4503	150	LDR Biased	18.467	18.96	0.4934
4504	150	LDR Biased	19.004	19.246	0.2424
4505	150	LDR Unbiased	18.497	18.982	0.4852
4506	150	LDR Unbiased	18.809	18.988	0.1785
4507	150	LDR Unbiased	18.639	19.102	0.4633
4508	150	LDR Unbiased	19.045	18.934	-0.1109
4509	150	LDR Unbiased	20.407	19.016	-1.3905

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.127	18.276	18.425	0.21065	18.99	19.084	19.178	0.13301	0.5652	0.8082	1.0512	0.34365
3	18.021	18.284	18.774	0.26461	18.054	18.361	18.817	0.25528	0.0121	0.076478	0.1221	0.038805
10	18.021	18.284	18.774	0.26461	18.091	18.396	18.889	0.28464	0.0522	0.11178	0.187	0.044797
30	17.655	18.262	18.672	0.35245	18.109	18.58	18.802	0.2497	0.1135	0.31819	0.488	0.12839
50	17.655	18.262	18.672	0.35245	18.218	18.703	18.872	0.21655	0.1273	0.44097	0.7186	0.18339
100	17.655	18.262	18.672	0.35245	18.422	18.829	18.962	0.17584	0.1956	0.56693	0.9223	0.21931
150	17.975	18.969	20.407	0.79706	18.323	18.935	19.246	0.24102	-2.0025	-0.0335	0.8572	0.92286

Device Test: 37.13 Iop HS BOOT PWM 5MHz VIN 14V



Test Results (Upper Limit = 17.5 (mA))

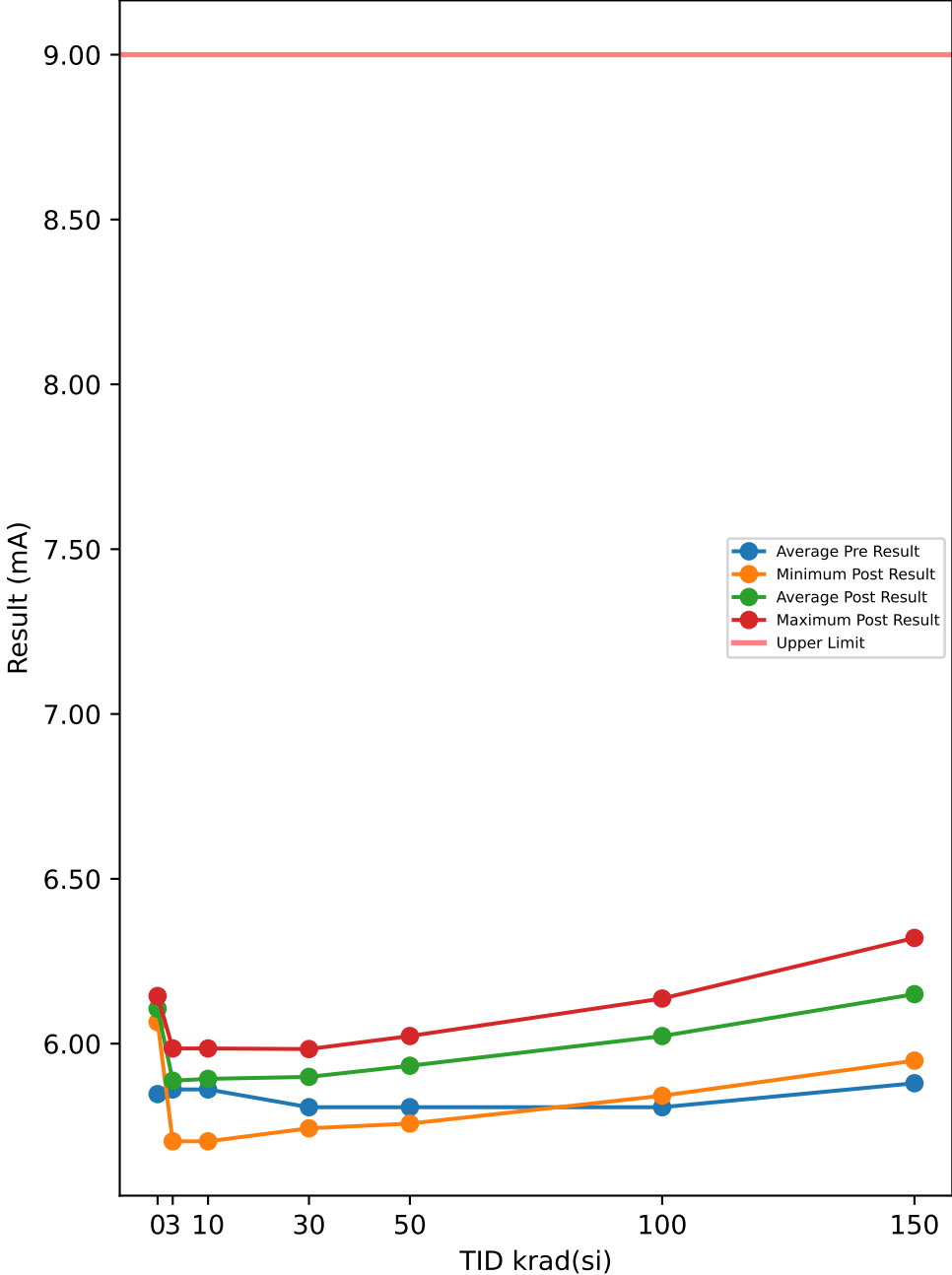
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	13.644	11.522	-2.1216
2	0	CORRELATION	11.952	13.217	1.2649
259	3	LDR Biased	12.142	11.125	-1.0171
426	3	LDR Biased	12.323	11.539	-0.7837
427	3	LDR Biased	13.563	12.498	-1.0647
428	3	LDR Biased	12.449	11.624	-0.8249
429	3	LDR Unbiased	11.196	10.777	-0.4192
430	3	LDR Unbiased	13.336	13.176	-0.1606
431	3	LDR Unbiased	13.72	12.665	-1.055
432	3	LDR Unbiased	12.02	11.171	-0.8491
433	3	LDR Unbiased	13.738	12.736	-1.0025
1259	10	LDR Biased	12.142	11.912	-0.2306
1426	10	LDR Biased	12.323	12.139	-0.1831
1427	10	LDR Biased	13.563	13.31	-0.2524
1428	10	LDR Biased	12.449	12.241	-0.2076
1429	10	LDR Unbiased	11.196	10.931	-0.2648
1430	10	LDR Unbiased	13.336	13.745	0.4093
1431	10	LDR Unbiased	13.72	13.483	-0.2368
1432	10	LDR Unbiased	12.02	11.967	-0.0523
1433	10	LDR Unbiased	13.738	13.32	-0.4177
2434	30	LDR Biased	11.081	10.972	-0.1085
2435	30	LDR Biased	13.258	14.109	0.8507
2436	30	LDR Biased	10.827	10.441	-0.3858
2437	30	LDR Biased	13.273	12.708	-0.5656
2438	30	LDR Biased	12.587	12.286	-0.3011
2439	30	LDR Unbiased	13.633	12.917	-0.7159
2440	30	LDR Unbiased	13.204	13.726	0.5212
2441	30	LDR Unbiased	13.644	12.797	-0.8461
2443	30	LDR Unbiased	11.952	11.317	-0.635
2444	30	LDR Unbiased	11.252	11.176	-0.0765
3434	50	LDR Biased	11.081	10.904	-0.1769
3435	50	LDR Biased	13.258	14.151	0.8925
3436	50	LDR Biased	10.827	10.414	-0.4127
3437	50	LDR Biased	13.273	12.593	-0.6799
3438	50	LDR Biased	12.587	12.344	-0.2434
3439	50	LDR Unbiased	13.633	12.715	-0.9174
3440	50	LDR Unbiased	13.204	13.799	0.5946
3441	50	LDR Unbiased	13.644	12.723	-0.9202
3443	50	LDR Unbiased	11.952	11.117	-0.8347
3444	50	LDR Unbiased	11.252	11.068	-0.1844
4434	100	LDR Biased	11.081	10.802	-0.2785
4435	100	LDR Biased	13.258	12.988	-0.2705
4436	100	LDR Biased	10.827	10.344	-0.4825
4437	100	LDR Biased	13.273	11.82	-1.4534
4438	100	LDR Biased	12.587	11.399	-1.1879
4439	100	LDR Unbiased	13.633	11.788	-1.8442
4440	100	LDR Unbiased	13.204	12.801	-0.4036
4441	100	LDR Unbiased	13.644	11.651	-1.9927
4443	100	LDR Unbiased	11.952	10.84	-1.1117
4444	100	LDR Unbiased	11.252	10.618	-0.6341
4500	150	LDR Biased	10.864	10.691	-0.1731
4501	150	LDR Biased	13.551	12.207	-1.3447
4502	150	LDR Biased	13.672	12.566	-1.1065
4503	150	LDR Biased	13.592	12.577	-1.0156
4504	150	LDR Biased	11.771	11.106	-0.6652
4505	150	LDR Unbiased	12.059	11.16	-0.8991
4506	150	LDR Unbiased	12.128	11.387	-0.7412
4507	150	LDR Unbiased	12.156	11.175	-0.9809
4508	150	LDR Unbiased	13.667	12.476	-1.1919
4509	150	LDR Unbiased	13.313	11.964	-1.3487

Test Statistics (mA)

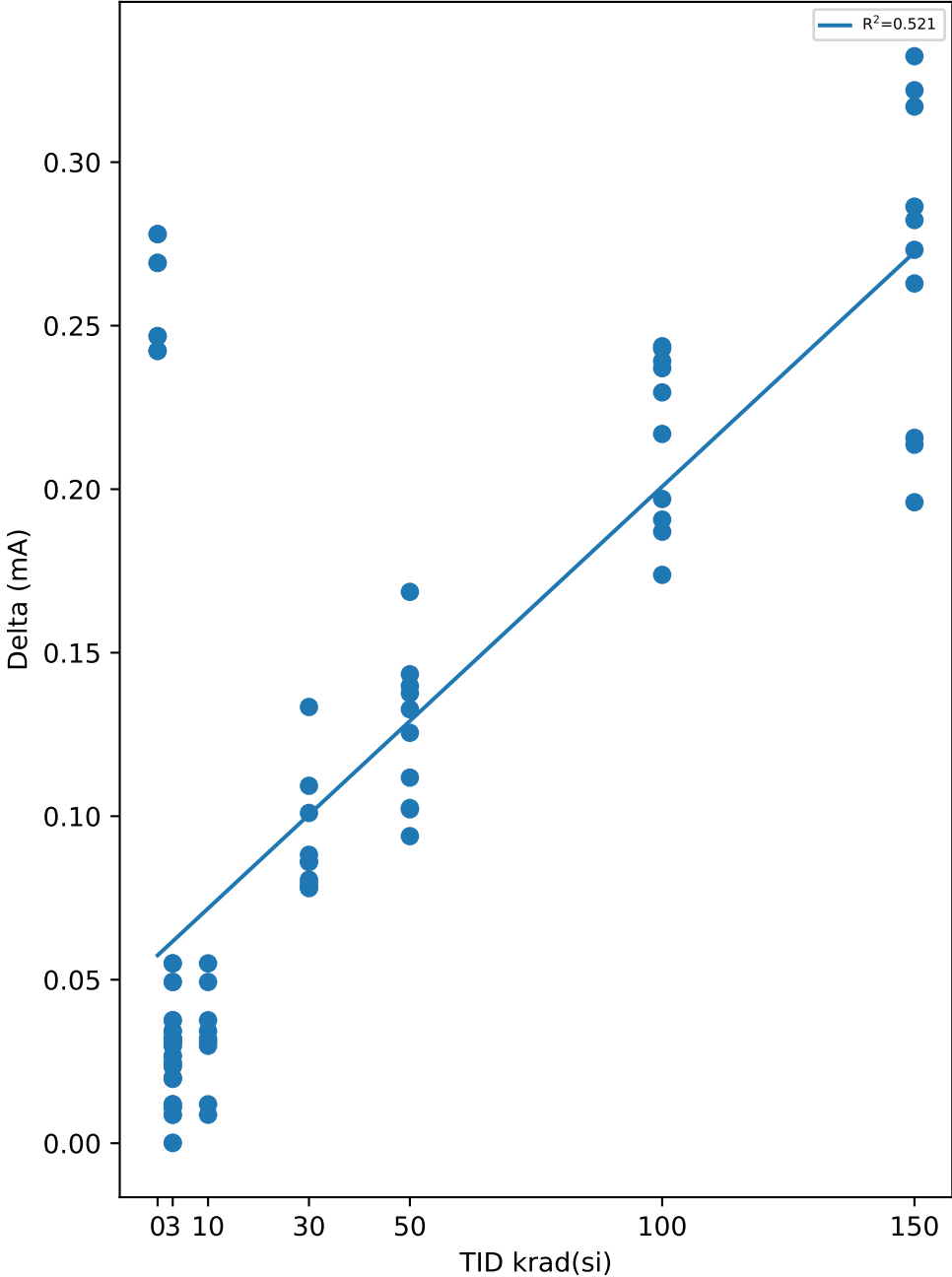
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.952	12.798	13.644	1.1964	11.522	12.369	13.217	1.1983	-2.1216	-0.42835	1.2649	2.3946
3	11.196	12.721	13.738	0.90175	10.777	11.923	13.176	0.85619	-1.0647	-0.79742	-0.1606	0.31231
10	11.196	12.721	13.738	0.90175	10.931	12.561	13.745	0.94223	-0.4177	-0.15956	0.4093	0.23327
30	10.827	12.471	13.644	1.102	10.441	12.245	14.109	1.2256	-0.8461	-0.22626	0.8507	0.54692
50	10.827	12.471	13.644	1.102	10.414	12.183	14.151	1.2648	-0.9202	-0.28825	0.8925	0.62017
100	10.827	12.471	13.644	1.102	10.344	11.505	12.988	0.89188	-1.9927	-0.96591	-0.2705	0.6455
150	10.864	12.677	13.672	1.0024	10.691	11.731	12.577	0.70515	-1.3487	-0.94669	-0.1731	0.35493

Device Test: 37.14 lop LS VIN IIM Interlock 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 9.0 (mA))

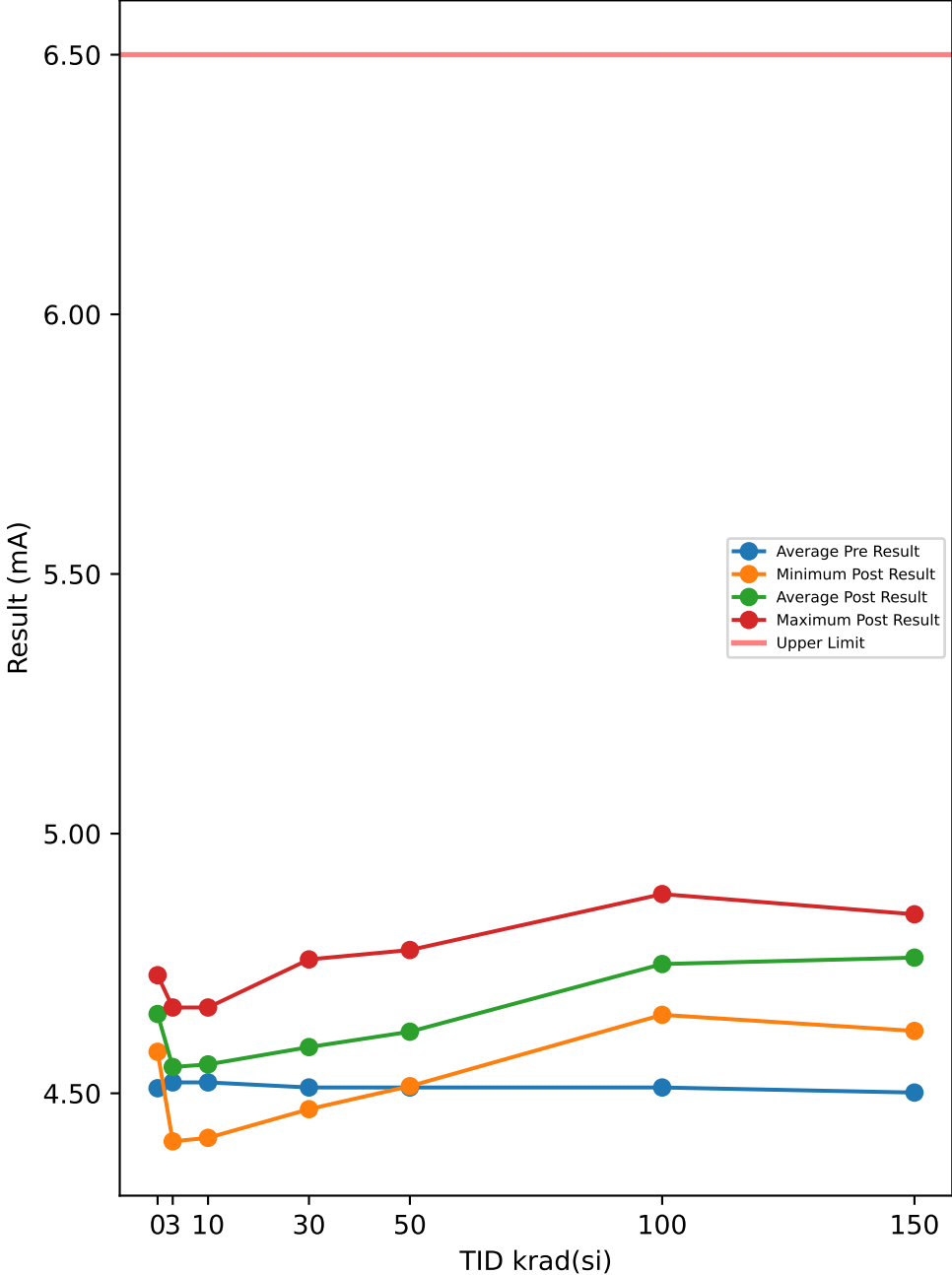
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.8976	6.1444	0.2468
2	0	CORRELATION	5.7963	6.0743	0.278
259	3	LDR Biased	5.838	5.849	0.011
426	3	LDR Biased	5.695	5.7185	0.0235
427	3	LDR Biased	5.9304	5.9624	0.032
428	3	LDR Biased	5.822	5.842	0.02
429	3	LDR Unbiased	5.8039	5.835	0.0311
430	3	LDR Unbiased	5.9301	5.9547	0.0246
431	3	LDR Unbiased	5.9035	5.9232	0.0197
432	3	LDR Unbiased	5.9322	5.9589	0.0267
433	3	LDR Unbiased	5.8944	5.8945	0.0001
1259	10	LDR Biased	5.838	5.8723	0.0343
1426	10	LDR Biased	5.695	5.7037	0.0087
1427	10	LDR Biased	5.9304	5.9854	0.055
1428	10	LDR Biased	5.822	5.8596	0.0376
1429	10	LDR Unbiased	5.8039	5.8359	0.032
1430	10	LDR Unbiased	5.9301	5.9599	0.0298
1431	10	LDR Unbiased	5.9035	5.9528	0.0493
1432	10	LDR Unbiased	5.9322	5.9632	0.031
1433	10	LDR Unbiased	5.8944	5.9063	0.0119
2434	30	LDR Biased	5.7781	5.9115	0.1334
2435	30	LDR Biased	5.8319	5.9101	0.0782
2436	30	LDR Biased	5.8173	5.9266	0.1093
2437	30	LDR Biased	5.8525	5.9331	0.0806
2438	30	LDR Biased	5.886	5.964	0.078
2439	30	LDR Unbiased	5.655	5.7432	0.0882
2440	30	LDR Unbiased	5.7416	5.8277	0.0861
2441	30	LDR Unbiased	5.8976	5.9836	0.086
2443	30	LDR Unbiased	5.7963	5.8758	0.0795
2444	30	LDR Unbiased	5.8156	5.9166	0.101
3434	50	LDR Biased	5.7781	5.9467	0.1686
3435	50	LDR Biased	5.8319	5.9258	0.0939
3436	50	LDR Biased	5.8173	5.9571	0.1398
3437	50	LDR Biased	5.8525	5.9852	0.1327
3438	50	LDR Biased	5.886	5.9881	0.1021
3439	50	LDR Unbiased	5.655	5.7575	0.1025
3440	50	LDR Unbiased	5.7416	5.8792	0.1376
3441	50	LDR Unbiased	5.8976	6.0231	0.1255
3443	50	LDR Unbiased	5.7963	5.9081	0.1118
3444	50	LDR Unbiased	5.8156	5.959	0.1434
4434	100	LDR Biased	5.7781	6.0077	0.2296
4435	100	LDR Biased	5.8319	6.0289	0.197
4436	100	LDR Biased	5.8173	6.0342	0.2169
4437	100	LDR Biased	5.8525	6.0955	0.243
4438	100	LDR Biased	5.886	6.0598	0.1738
4439	100	LDR Unbiased	5.655	5.842	0.187
4440	100	LDR Unbiased	5.7416	5.9786	0.237
4441	100	LDR Unbiased	5.8976	6.1368	0.2392
4443	100	LDR Unbiased	5.7963	5.987	0.1907
4444	100	LDR Unbiased	5.8156	6.0593	0.2437
4500	150	LDR Biased	5.8578	6.131	0.2732
4501	150	LDR Biased	5.7349	5.9485	0.2136
4502	150	LDR Biased	5.7205	5.9834	0.2629
4503	150	LDR Biased	5.9349	6.1309	0.196
4504	150	LDR Biased	5.9987	6.3207	0.322
4505	150	LDR Unbiased	5.8736	6.1559	0.2823
4506	150	LDR Unbiased	5.962	6.1777	0.2157
4507	150	LDR Unbiased	5.9755	6.2619	0.2864
4508	150	LDR Unbiased	5.919	6.2514	0.3324
4509	150	LDR Unbiased	5.8223	6.1393	0.317

Test Statistics (mA)

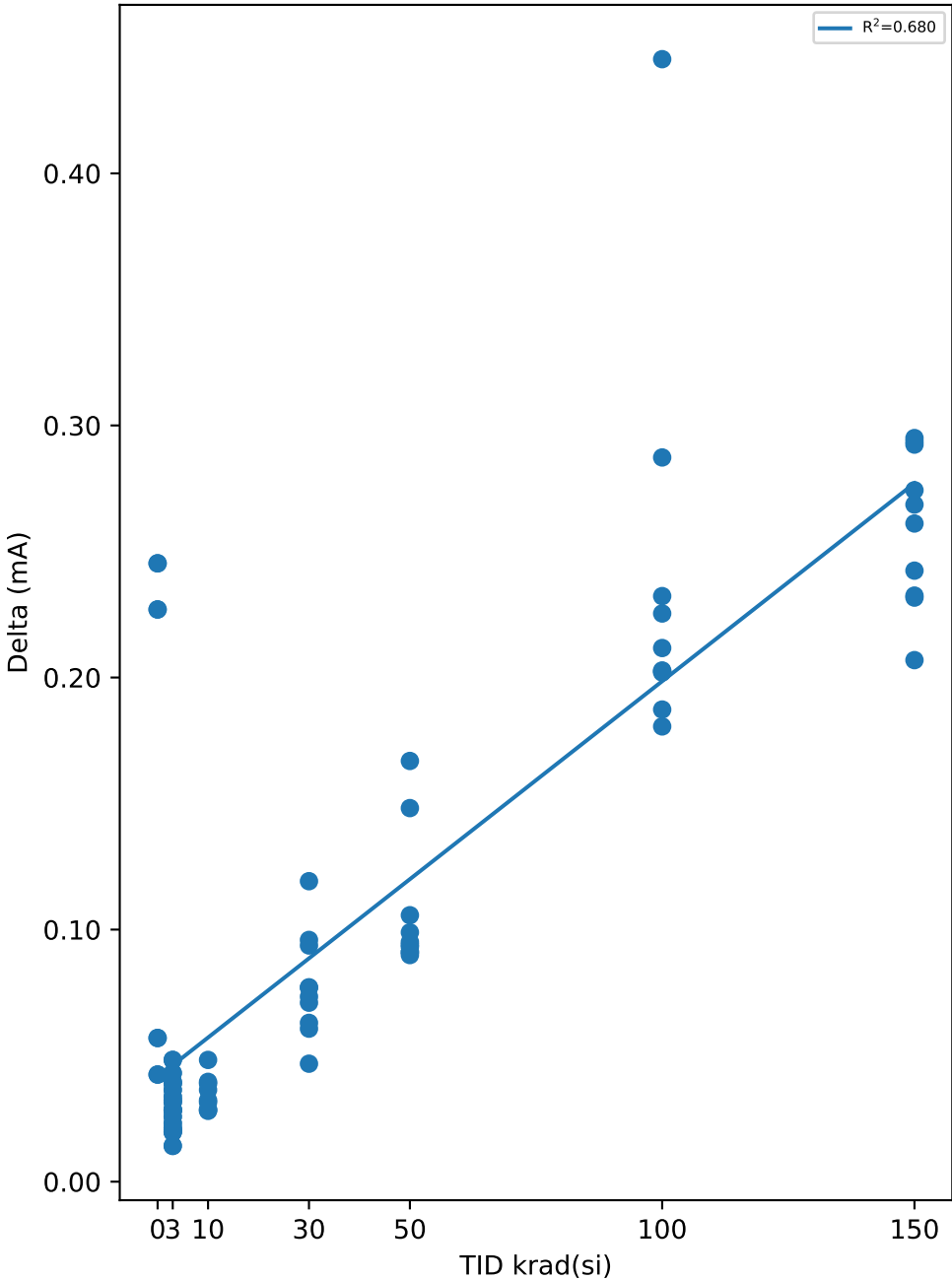
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.7963	5.8469	5.8976	0.07163	6.0743	6.1094	6.1444	0.049568	0.2468	0.2624	0.278	0.022062
3	5.695	5.8611	5.9322	0.079411	5.7185	5.882	5.9624	0.079959	0.0001	0.020967	0.032	0.010088
10	5.695	5.8611	5.9322	0.079411	5.7037	5.8932	5.9854	0.08827	0.0087	0.032178	0.055	0.015072
30	5.655	5.8072	5.8976	0.07122	5.7432	5.8992	5.9836	0.069754	0.078	0.09203	0.1334	0.017802
50	5.655	5.8072	5.8976	0.07122	5.7575	5.933	6.0231	0.074304	0.0939	0.12579	0.1686	0.023197
100	5.655	5.8072	5.8976	0.07122	5.842	6.023	6.1368	0.079792	0.1738	0.21579	0.2437	0.026423
150	5.7205	5.8799	5.9987	0.097083	5.9485	6.1501	6.3207	0.1164	0.196	0.27015	0.3324	0.048181

Device Test: 37.15 lop HS BOOT IIM Interlock 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.5 (mA))

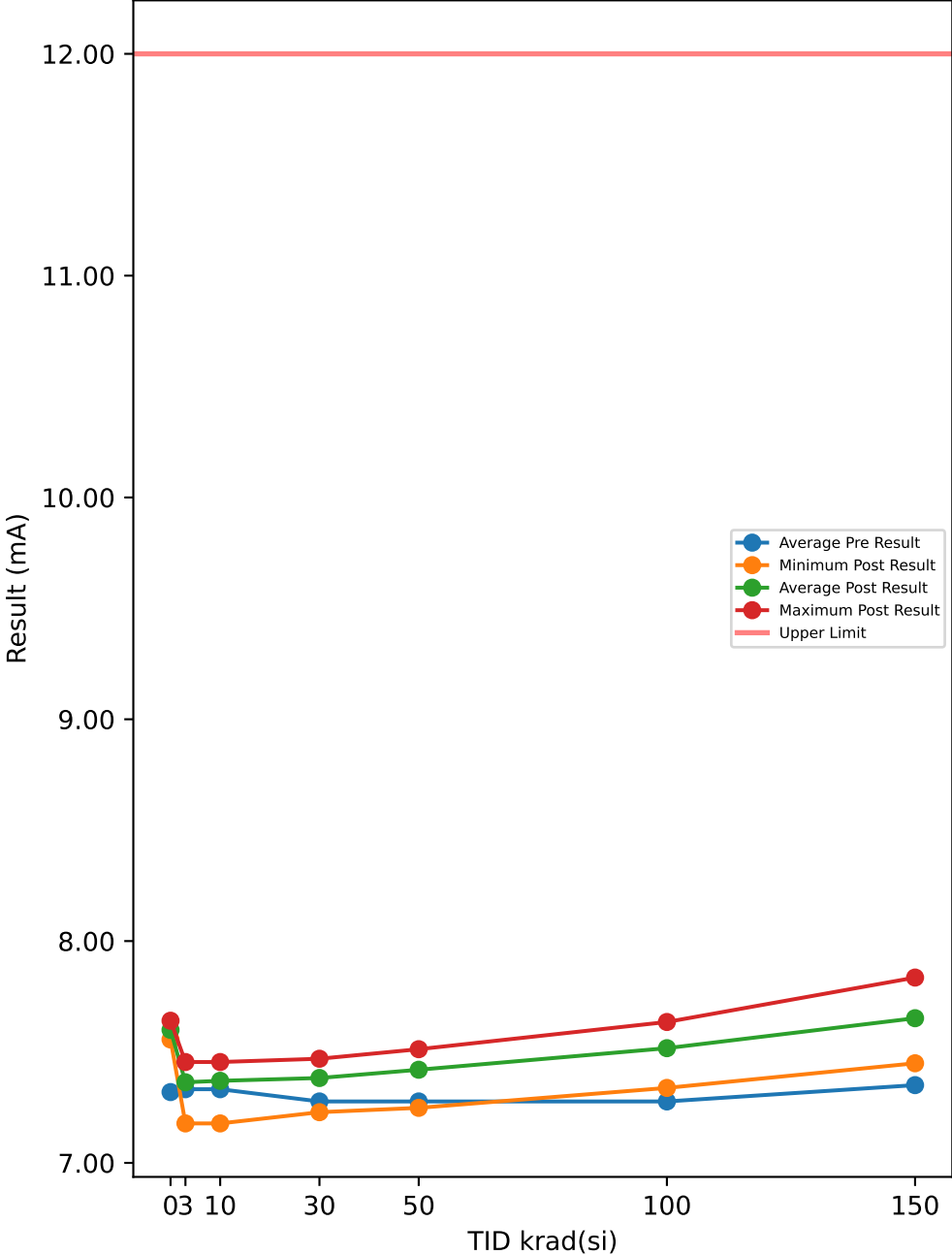
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.5374	4.5944	0.057
2	0	CORRELATION	4.4821	4.7274	0.2453
259	3	LDR Biased	4.4727	4.4934	0.0207
426	3	LDR Biased	4.3861	4.4075	0.0214
427	3	LDR Biased	4.5881	4.6113	0.0232
428	3	LDR Biased	4.5938	4.6138	0.02
429	3	LDR Unbiased	4.393	4.4188	0.0258
430	3	LDR Unbiased	4.5049	4.548	0.0431
431	3	LDR Unbiased	4.5898	4.604	0.0142
432	3	LDR Unbiased	4.5316	4.5653	0.0337
433	3	LDR Unbiased	4.6288	4.6484	0.0196
1259	10	LDR Biased	4.4727	4.5116	0.0389
1426	10	LDR Biased	4.3861	4.4142	0.0281
1427	10	LDR Biased	4.5881	4.6165	0.0284
1428	10	LDR Biased	4.5938	4.6261	0.0323
1429	10	LDR Unbiased	4.393	4.4217	0.0287
1430	10	LDR Unbiased	4.5049	4.5445	0.0396
1431	10	LDR Unbiased	4.5898	4.6213	0.0315
1432	10	LDR Unbiased	4.5316	4.5799	0.0483
1433	10	LDR Unbiased	4.6288	4.6652	0.0364
2434	30	LDR Biased	4.4226	4.4694	0.0468
2435	30	LDR Biased	4.6808	4.7578	0.077
2436	30	LDR Biased	4.4548	4.5178	0.063
2437	30	LDR Biased	4.595	4.666	0.071
2438	30	LDR Biased	4.4848	4.604	0.1192
2439	30	LDR Unbiased	4.5121	4.5728	0.0607
2440	30	LDR Unbiased	4.4486	4.522	0.0734
2441	30	LDR Unbiased	4.5374	4.6333	0.0959
2443	30	LDR Unbiased	4.4821	4.5758	0.0937
2444	30	LDR Unbiased	4.4937	4.5708	0.0771
3434	50	LDR Biased	4.4226	4.5137	0.0911
3435	50	LDR Biased	4.6808	4.7759	0.0951
3436	50	LDR Biased	4.4548	4.5537	0.0989
3437	50	LDR Biased	4.595	4.6861	0.0911
3438	50	LDR Biased	4.4848	4.6517	0.1669
3439	50	LDR Unbiased	4.5121	4.602	0.0899
3440	50	LDR Unbiased	4.4486	4.5543	0.1057
3441	50	LDR Unbiased	4.5374	4.6856	0.1482
3443	50	LDR Unbiased	4.4821	4.5761	0.094
3444	50	LDR Unbiased	4.4937	4.5869	0.0932
4434	100	LDR Biased	4.4226	4.8679	0.4453
4435	100	LDR Biased	4.6808	4.8836	0.2028
4436	100	LDR Biased	4.4548	4.6568	0.202
4437	100	LDR Biased	4.595	4.8067	0.2117
4438	100	LDR Biased	4.4848	4.7721	0.2873
4439	100	LDR Unbiased	4.5121	4.6927	0.1806
4440	100	LDR Unbiased	4.4486	4.6511	0.2025
4441	100	LDR Unbiased	4.5374	4.7697	0.2323
4443	100	LDR Unbiased	4.4821	4.7075	0.2254
4444	100	LDR Unbiased	4.4937	4.681	0.1873
4500	150	LDR Biased	4.4701	4.7625	0.2924
4501	150	LDR Biased	4.3884	4.6201	0.2317
4502	150	LDR Biased	4.4886	4.7822	0.2936
4503	150	LDR Biased	4.5241	4.7852	0.2611
4504	150	LDR Biased	4.5392	4.8078	0.2686
4505	150	LDR Unbiased	4.5269	4.8012	0.2743
4506	150	LDR Unbiased	4.4888	4.7213	0.2325
4507	150	LDR Unbiased	4.6328	4.8397	0.2069
4508	150	LDR Unbiased	4.6023	4.8447	0.2424
4509	150	LDR Unbiased	4.3527	4.6477	0.295

Test Statistics (mA)

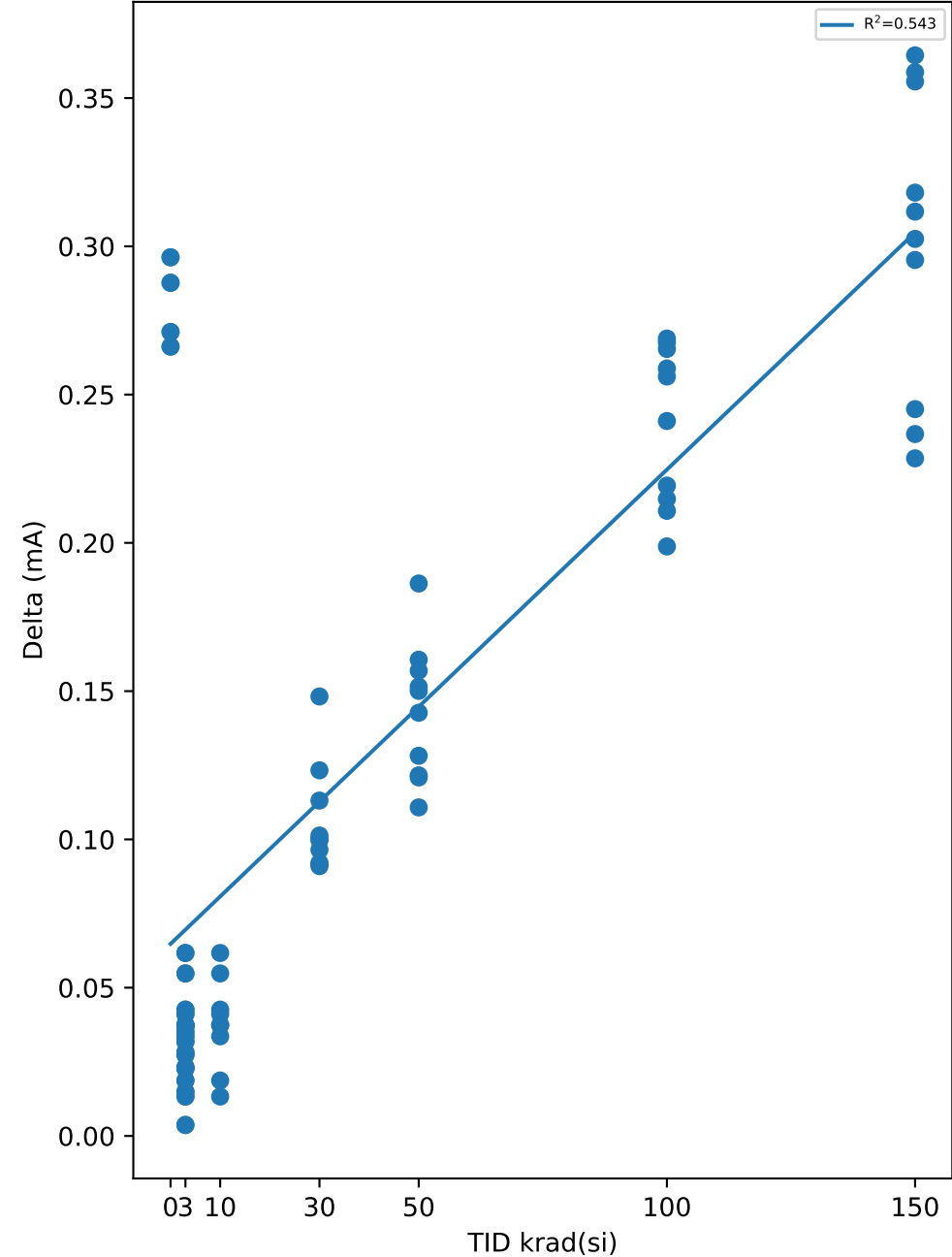
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.4821	4.5098	4.5374	0.039103	4.5944	4.6609	4.7274	0.094045	0.057	0.15115	0.2453	0.13315
3	4.3861	4.521	4.6288	0.089053	4.4075	4.5456	4.6484	0.087475	0.0142	0.024633	0.0431	0.0087194
10	4.3861	4.521	4.6288	0.089053	4.4142	4.5557	4.6652	0.09054	0.0281	0.034689	0.0483	0.0067523
30	4.4226	4.5112	4.6808	0.076937	4.4694	4.589	4.7578	0.082489	0.0468	0.07778	0.1192	0.020639
50	4.4226	4.5112	4.6808	0.076937	4.5137	4.6186	4.7759	0.079806	0.0899	0.10741	0.1669	0.027183
100	4.4226	4.5112	4.6808	0.076937	4.6511	4.7489	4.8836	0.084424	0.1806	0.23772	0.4453	0.078843
150	4.3527	4.5014	4.6328	0.08578	4.6201	4.7612	4.8447	0.076237	0.2069	0.25985	0.295	0.030495

Device Test: 37.16 lop LS VIN IIM Interlock 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 12.0 (mA))

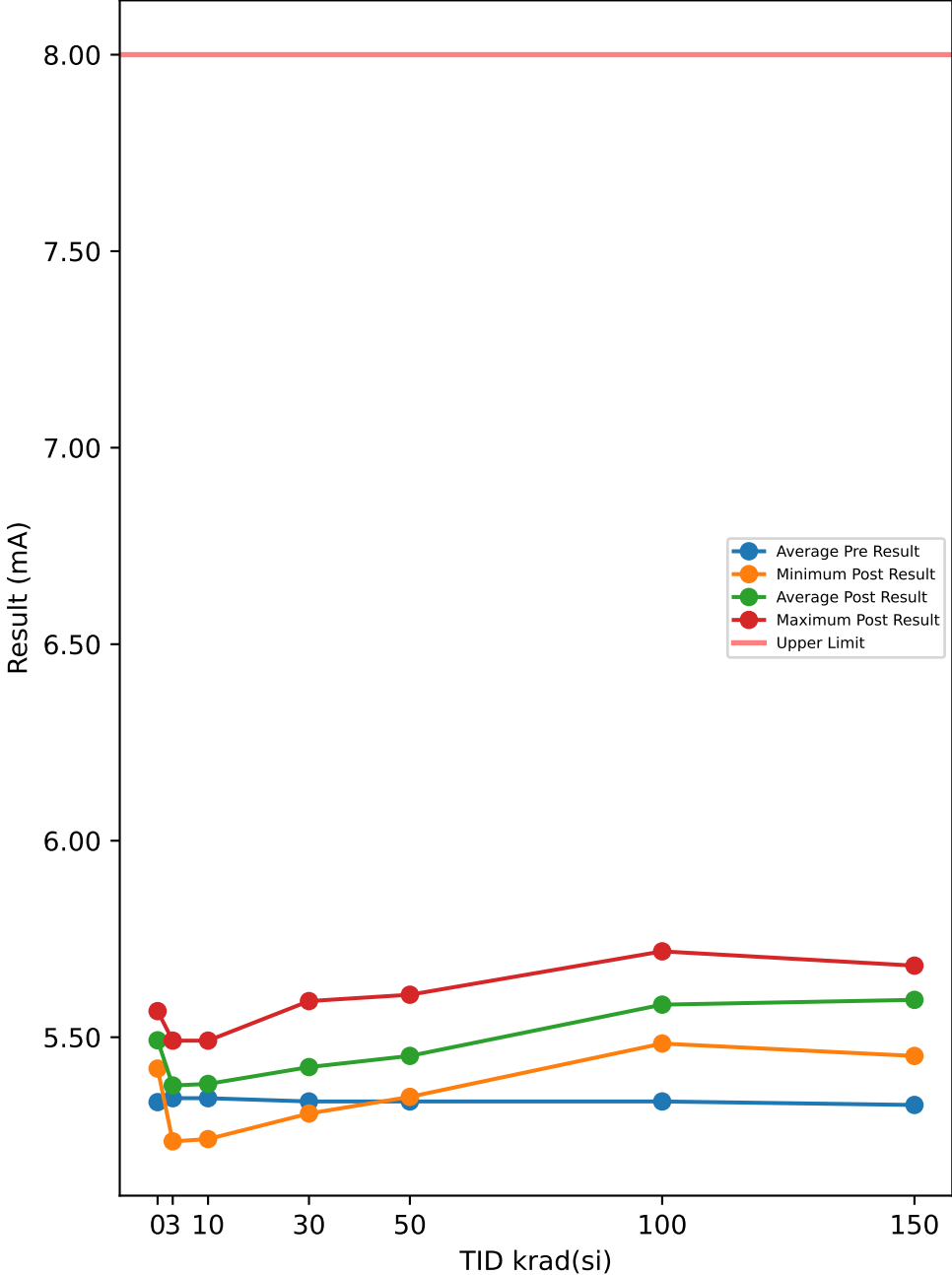
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.3698	7.6409	0.2711
2	0	CORRELATION	7.2686	7.5649	0.2963
259	3	LDR Biased	7.3151	7.33	0.0149
426	3	LDR Biased	7.1646	7.1928	0.0282
427	3	LDR Biased	7.393	7.4299	0.0369
428	3	LDR Biased	7.2978	7.3205	0.0227
429	3	LDR Unbiased	7.2644	7.2995	0.0351
430	3	LDR Unbiased	7.3973	7.4246	0.0273
431	3	LDR Unbiased	7.3773	7.4005	0.0232
432	3	LDR Unbiased	7.4076	7.4394	0.0318
433	3	LDR Unbiased	7.372	7.3757	0.0037
1259	10	LDR Biased	7.3151	7.3562	0.0411
1426	10	LDR Biased	7.1646	7.1779	0.0133
1427	10	LDR Biased	7.393	7.4547	0.0617
1428	10	LDR Biased	7.2978	7.3404	0.0426
1429	10	LDR Unbiased	7.2644	7.3018	0.0374
1430	10	LDR Unbiased	7.3973	7.4309	0.0336
1431	10	LDR Unbiased	7.3773	7.4321	0.0548
1432	10	LDR Unbiased	7.4076	7.445	0.0374
1433	10	LDR Unbiased	7.372	7.3907	0.0187
2434	30	LDR Biased	7.2463	7.3945	0.1482
2435	30	LDR Biased	7.2983	7.39	0.0917
2436	30	LDR Biased	7.291	7.4143	0.1233
2437	30	LDR Biased	7.3175	7.414	0.0965
2438	30	LDR Biased	7.3587	7.4508	0.0921
2439	30	LDR Unbiased	7.1272	7.2285	0.1013
2440	30	LDR Unbiased	7.2019	7.3021	0.1002
2441	30	LDR Unbiased	7.3698	7.4695	0.0997
2443	30	LDR Unbiased	7.2686	7.3596	0.091
2444	30	LDR Unbiased	7.2903	7.4034	0.1131
3434	50	LDR Biased	7.2463	7.4326	0.1863
3435	50	LDR Biased	7.2983	7.4091	0.1108
3436	50	LDR Biased	7.291	7.4479	0.1569
3437	50	LDR Biased	7.3175	7.4676	0.1501
3438	50	LDR Biased	7.3587	7.4803	0.1216
3439	50	LDR Unbiased	7.1272	7.2481	0.1209
3440	50	LDR Unbiased	7.2019	7.3534	0.1515
3441	50	LDR Unbiased	7.3698	7.5125	0.1427
3443	50	LDR Unbiased	7.2686	7.3968	0.1282
3444	50	LDR Unbiased	7.2903	7.4509	0.1606
4434	100	LDR Biased	7.2463	7.5024	0.2561
4435	100	LDR Biased	7.2983	7.5176	0.2193
4436	100	LDR Biased	7.291	7.5321	0.2411
4437	100	LDR Biased	7.3175	7.5852	0.2677
4438	100	LDR Biased	7.3587	7.5575	0.1988
4439	100	LDR Unbiased	7.1272	7.338	0.2108
4440	100	LDR Unbiased	7.2019	7.4607	0.2588
4441	100	LDR Unbiased	7.3698	7.6352	0.2654
4443	100	LDR Unbiased	7.2686	7.4834	0.2148
4444	100	LDR Unbiased	7.2903	7.5592	0.2689
4500	150	LDR Biased	7.3208	7.6233	0.3025
4501	150	LDR Biased	7.204	7.4491	0.2451
4502	150	LDR Biased	7.1968	7.4922	0.2954
4503	150	LDR Biased	7.4059	7.6344	0.2285
4504	150	LDR Biased	7.4768	7.8355	0.3587
4505	150	LDR Unbiased	7.3427	7.6544	0.3117
4506	150	LDR Unbiased	7.4389	7.6756	0.2367
4507	150	LDR Unbiased	7.4412	7.7593	0.3181
4508	150	LDR Unbiased	7.384	7.7484	0.3644
4509	150	LDR Unbiased	7.2946	7.6502	0.3556

Test Statistics (mA)

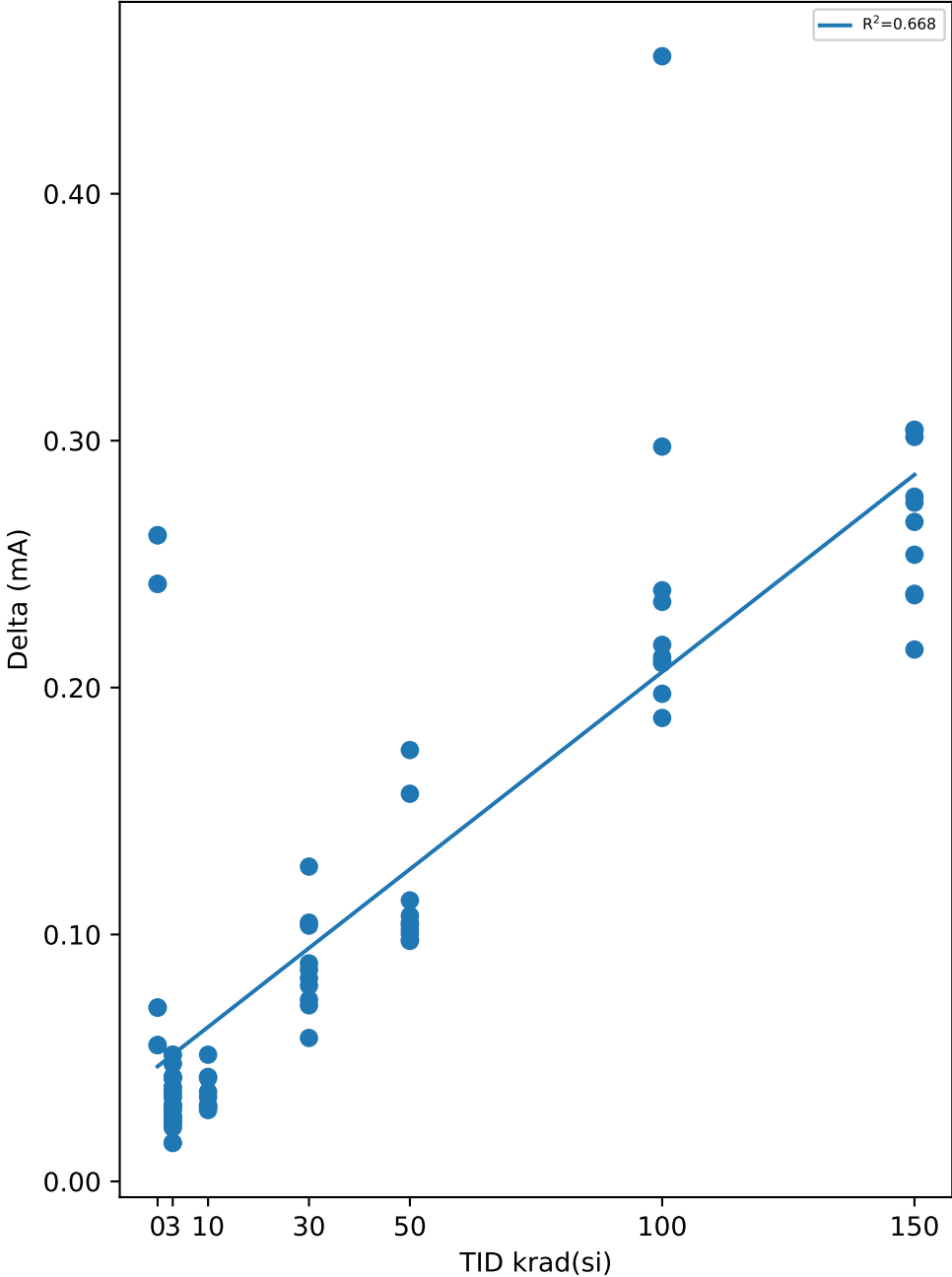
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.2686	7.3192	7.3698	0.071559	7.5649	7.6029	7.6409	0.05374	0.2711	0.2837	0.2963	0.017819
3	7.1646	7.3321	7.4076	0.080156	7.1928	7.357	7.4394	0.080035	0.0037	0.024867	0.0369	0.010425
10	7.1646	7.3321	7.4076	0.080156	7.1779	7.37	7.4547	0.089032	0.0133	0.037844	0.0617	0.015318
30	7.1272	7.277	7.3698	0.072147	7.2285	7.3827	7.4695	0.071164	0.091	0.10571	0.1482	0.018068
50	7.1272	7.277	7.3698	0.072147	7.2481	7.4199	7.5125	0.075272	0.1108	0.14296	0.1863	0.022859
100	7.1272	7.277	7.3698	0.072147	7.338	7.5171	7.6352	0.080846	0.1988	0.24017	0.2689	0.026822
150	7.1968	7.3506	7.4768	0.097375	7.4491	7.6522	7.8355	0.11685	0.2285	0.30167	0.3644	0.050861

Device Test: 37.17 lop HS BOOT IIM Interlock 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



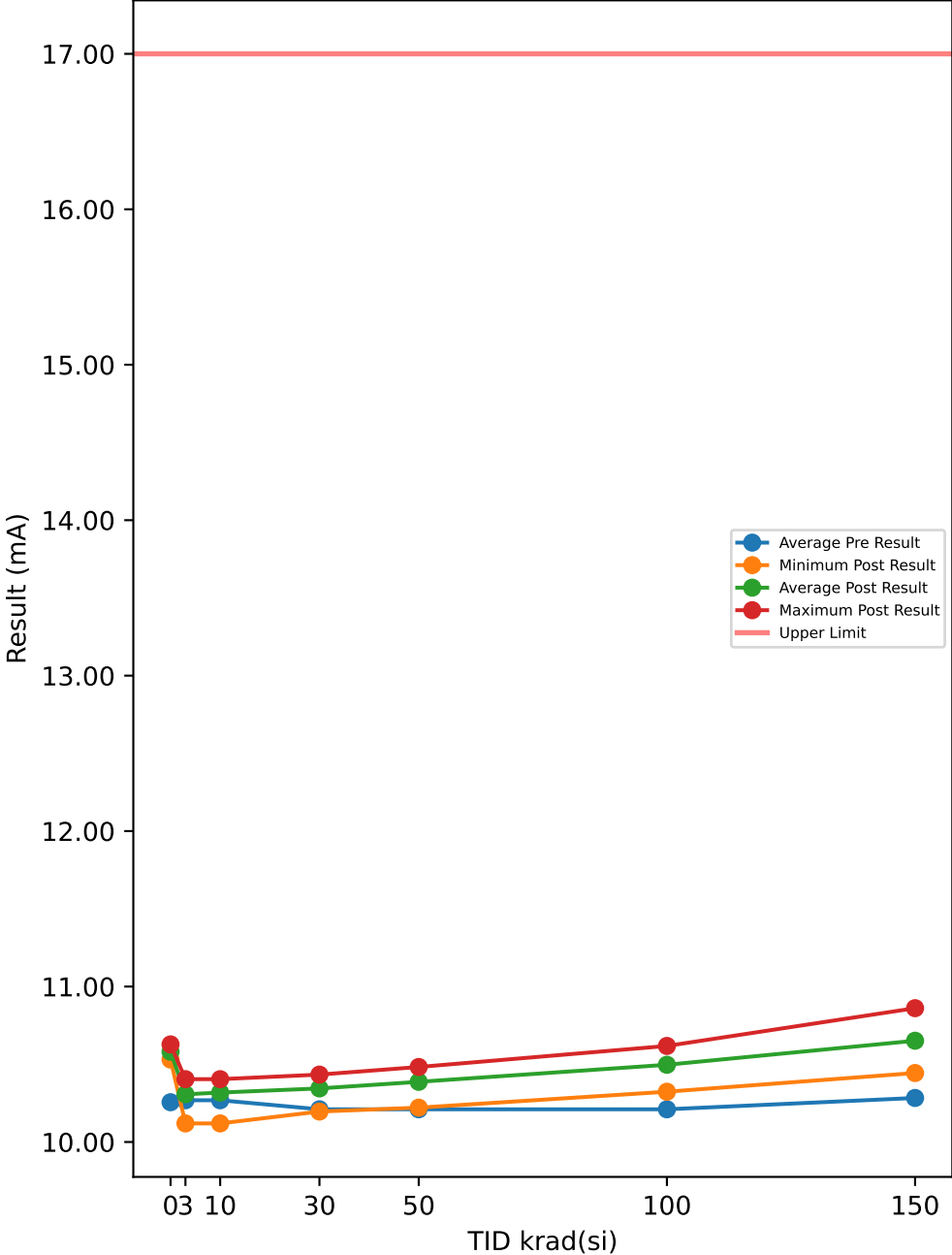
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.365	5.4354	0.0704
2	0	CORRELATION	5.3047	5.5664	0.2617
259	3	LDR Biased	5.3006	5.3264	0.0258
426	3	LDR Biased	5.2104	5.2351	0.0247
427	3	LDR Biased	5.4062	5.4326	0.0264
428	3	LDR Biased	5.4152	5.4389	0.0237
429	3	LDR Unbiased	5.2122	5.243	0.0308
430	3	LDR Unbiased	5.33	5.3777	0.0477
431	3	LDR Unbiased	5.4191	5.4347	0.0156
432	3	LDR Unbiased	5.3552	5.3934	0.0382
433	3	LDR Unbiased	5.455	5.4769	0.0219
1259	10	LDR Biased	5.3006	5.3429	0.0423
1426	10	LDR Biased	5.2104	5.2408	0.0304
1427	10	LDR Biased	5.4062	5.4351	0.0289
1428	10	LDR Biased	5.4152	5.4494	0.0342
1429	10	LDR Unbiased	5.2122	5.2425	0.0303
1430	10	LDR Unbiased	5.33	5.3718	0.0418
1431	10	LDR Unbiased	5.4191	5.45	0.0309
1432	10	LDR Unbiased	5.3552	5.4065	0.0513
1433	10	LDR Unbiased	5.455	5.4913	0.0363
2434	30	LDR Biased	5.2478	5.3059	0.0581
2435	30	LDR Biased	5.5061	5.5919	0.0858
2436	30	LDR Biased	5.2788	5.3524	0.0736
2437	30	LDR Biased	5.4222	5.5015	0.0793
2438	30	LDR Biased	5.3098	5.4373	0.1275
2439	30	LDR Unbiased	5.3354	5.4067	0.0713
2440	30	LDR Unbiased	5.2731	5.3554	0.0823
2441	30	LDR Unbiased	5.365	5.4698	0.1048
2443	30	LDR Unbiased	5.3047	5.4083	0.1036
2444	30	LDR Unbiased	5.3226	5.4109	0.0883
3434	50	LDR Biased	5.2478	5.3482	0.1004
3435	50	LDR Biased	5.5061	5.6081	0.102
3436	50	LDR Biased	5.2788	5.3864	0.1076
3437	50	LDR Biased	5.4222	5.5196	0.0974
3438	50	LDR Biased	5.3098	5.4845	0.1747
3439	50	LDR Unbiased	5.3354	5.4332	0.0978
3440	50	LDR Unbiased	5.2731	5.3869	0.1138
3441	50	LDR Unbiased	5.365	5.522	0.157
3443	50	LDR Unbiased	5.3047	5.4087	0.104
3444	50	LDR Unbiased	5.3226	5.4274	0.1048
4434	100	LDR Biased	5.2478	5.7035	0.4557
4435	100	LDR Biased	5.5061	5.7185	0.2124
4436	100	LDR Biased	5.2788	5.4887	0.2099
4437	100	LDR Biased	5.4222	5.6395	0.2173
4438	100	LDR Biased	5.3098	5.6074	0.2976
4439	100	LDR Unbiased	5.3354	5.5231	0.1877
4440	100	LDR Unbiased	5.2731	5.4839	0.2108
4441	100	LDR Unbiased	5.365	5.6044	0.2394
4443	100	LDR Unbiased	5.3047	5.5394	0.2347
4444	100	LDR Unbiased	5.3226	5.5201	0.1975
4500	150	LDR Biased	5.2927	5.5942	0.3015
4501	150	LDR Biased	5.2143	5.4523	0.238
4502	150	LDR Biased	5.3176	5.622	0.3044
4503	150	LDR Biased	5.3536	5.6207	0.2671
4504	150	LDR Biased	5.3667	5.6416	0.2749
4505	150	LDR Unbiased	5.3536	5.6309	0.2773
4506	150	LDR Unbiased	5.3178	5.5552	0.2374
4507	150	LDR Unbiased	5.4565	5.6719	0.2154
4508	150	LDR Unbiased	5.4283	5.6821	0.2538
4509	150	LDR Unbiased	5.1749	5.4793	0.3044

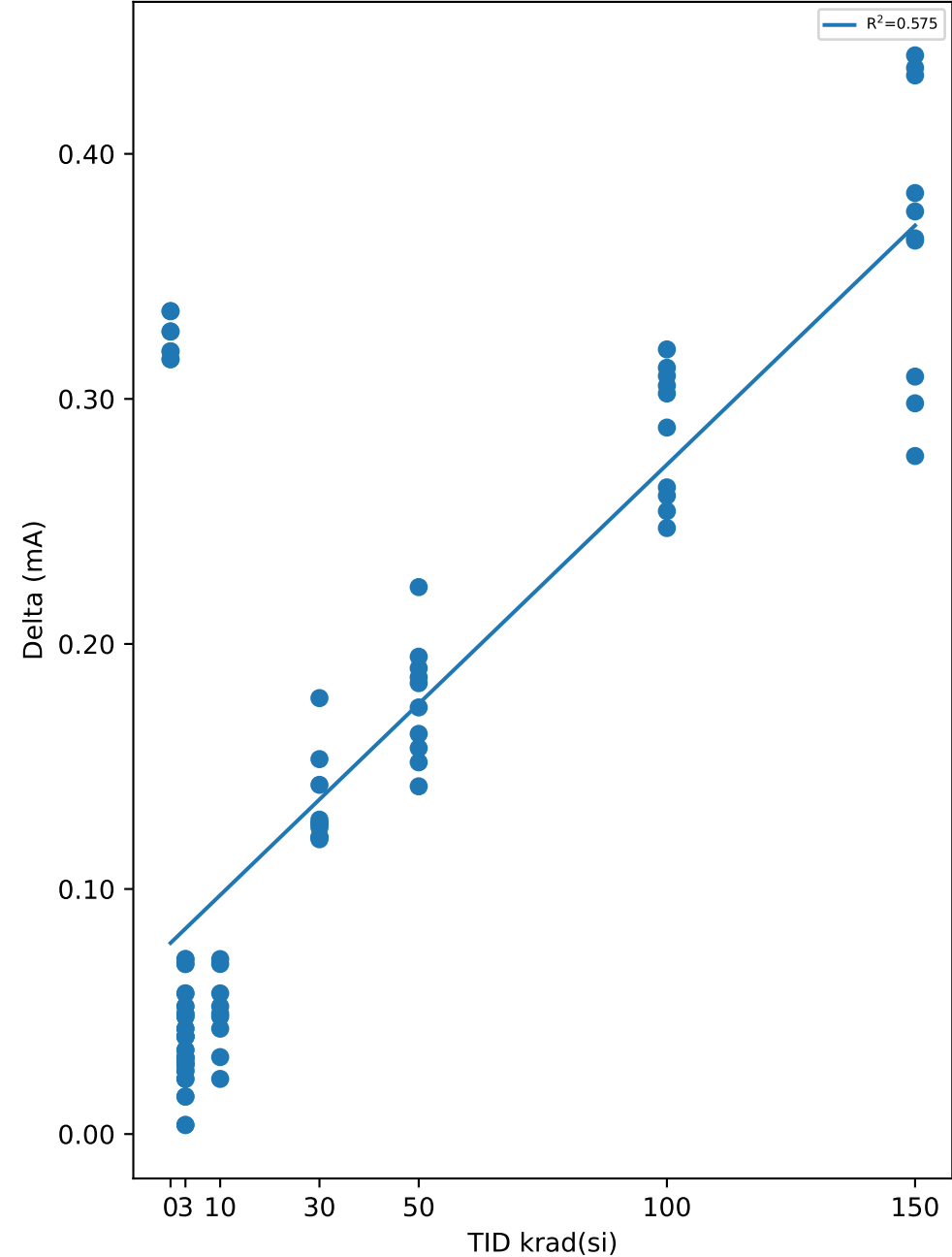
Test Statistics (mA)

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	5.3047	5.3349	5.365	0.042639	5.4354	5.5009	5.5664	0.092631	0.0704	0.16605	0.2617	0.13527
3	5.2104	5.3449	5.455	0.089664	5.2351	5.3732	5.4769	0.087338	0.0156	0.028311	0.0477	0.0095318
10	5.2104	5.3449	5.455	0.089664	5.2408	5.3811	5.4913	0.090524	0.0289	0.036267	0.0513	0.0075032
30	5.2478	5.3366	5.5061	0.0775	5.3059	5.424	5.5919	0.082306	0.0581	0.08746	0.1275	0.019934
50	5.2478	5.3366	5.5061	0.0775	5.3482	5.4525	5.6081	0.07961	0.0974	0.11595	0.1747	0.027056
100	5.2478	5.3366	5.5061	0.0775	5.4839	5.5828	5.7185	0.085169	0.1877	0.2463	0.4557	0.079619
150	5.1749	5.3276	5.4565	0.086413	5.4523	5.595	5.6821	0.077233	0.2154	0.26742	0.3044	0.031106

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 17.0 (mA))

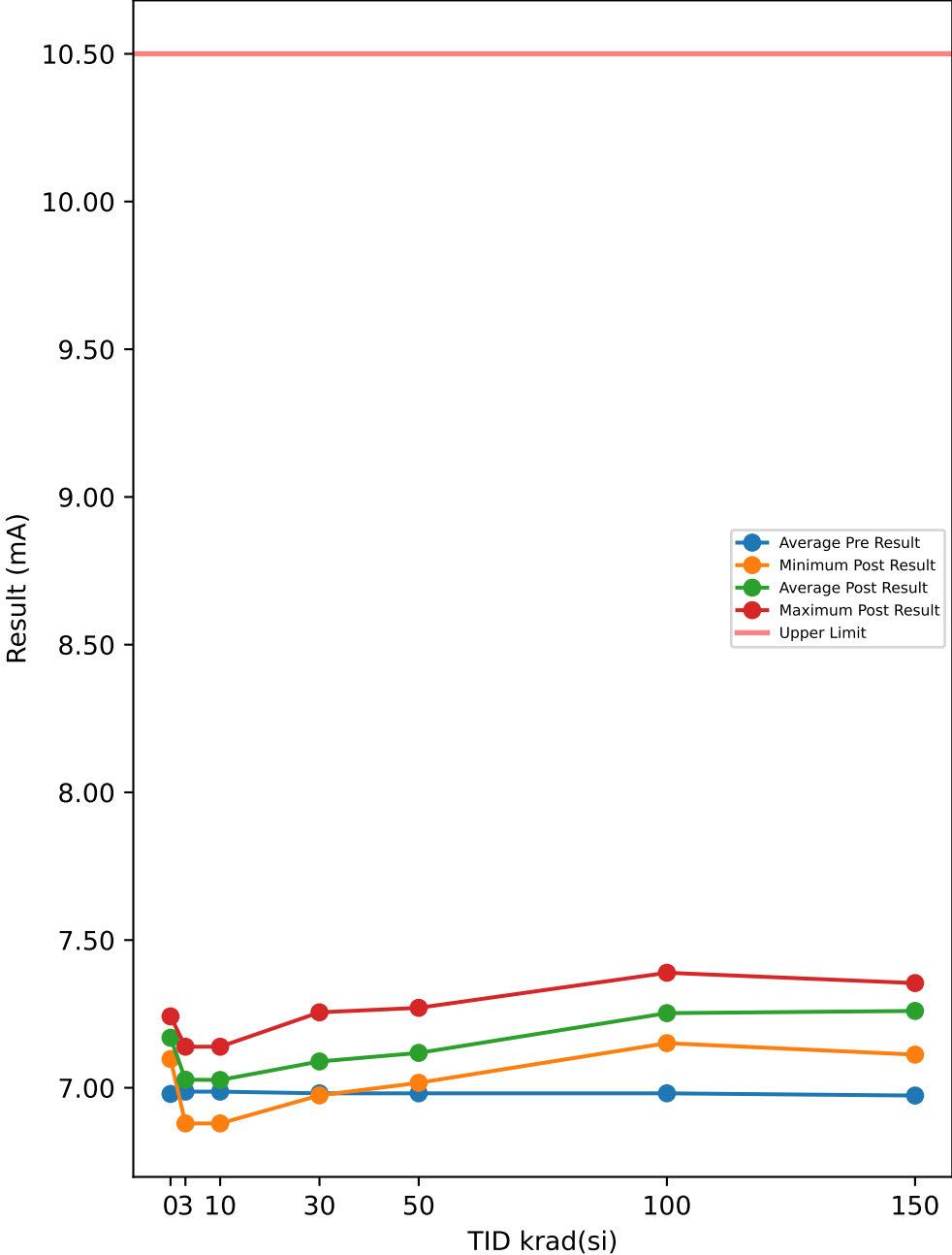
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	10.309	10.625	0.3162
2	0	CORRELATION	10.203	10.539	0.3358
259	3	LDR Biased	10.264	10.28	0.0153
426	3	LDR Biased	10.097	10.126	0.0289
427	3	LDR Biased	10.316	10.355	0.0398
428	3	LDR Biased	10.237	10.266	0.0282
429	3	LDR Unbiased	10.18	10.219	0.0398
430	3	LDR Unbiased	10.325	10.356	0.0308
431	3	LDR Unbiased	10.32	10.346	0.0258
432	3	LDR Unbiased	10.355	10.389	0.0343
433	3	LDR Unbiased	10.323	10.326	0.0037
1259	10	LDR Biased	10.264	10.317	0.0521
1426	10	LDR Biased	10.097	10.12	0.0225
1427	10	LDR Biased	10.316	10.387	0.0714
1428	10	LDR Biased	10.237	10.295	0.0574
1429	10	LDR Unbiased	10.18	10.227	0.0479
1430	10	LDR Unbiased	10.325	10.368	0.043
1431	10	LDR Unbiased	10.32	10.39	0.0694
1432	10	LDR Unbiased	10.355	10.404	0.0491
1433	10	LDR Unbiased	10.323	10.354	0.0314
2434	30	LDR Biased	10.177	10.355	0.1779
2435	30	LDR Biased	10.225	10.346	0.121
2436	30	LDR Biased	10.232	10.385	0.153
2437	30	LDR Biased	10.241	10.369	0.1283
2438	30	LDR Biased	10.3	10.42	0.1203
2439	30	LDR Unbiased	10.069	10.196	0.1267
2440	30	LDR Unbiased	10.116	10.243	0.1267
2441	30	LDR Unbiased	10.309	10.434	0.1251
2443	30	LDR Unbiased	10.203	10.324	0.1213
2444	30	LDR Unbiased	10.232	10.375	0.1425
3434	50	LDR Biased	10.177	10.4	0.2232
3435	50	LDR Biased	10.225	10.367	0.1419
3436	50	LDR Biased	10.232	10.422	0.1901
3437	50	LDR Biased	10.241	10.427	0.1864
3438	50	LDR Biased	10.3	10.457	0.1575
3439	50	LDR Unbiased	10.069	10.221	0.1517
3440	50	LDR Unbiased	10.116	10.3	0.184
3441	50	LDR Unbiased	10.309	10.483	0.1741
3443	50	LDR Unbiased	10.203	10.366	0.1633
3444	50	LDR Unbiased	10.232	10.427	0.1948
4434	100	LDR Biased	10.177	10.479	0.3022
4435	100	LDR Biased	10.225	10.486	0.2605
4436	100	LDR Biased	10.232	10.521	0.2883
4437	100	LDR Biased	10.241	10.553	0.3127
4438	100	LDR Biased	10.3	10.547	0.2473
4439	100	LDR Unbiased	10.069	10.323	0.2542
4440	100	LDR Unbiased	10.116	10.421	0.3054
4441	100	LDR Unbiased	10.309	10.618	0.3094
4443	100	LDR Unbiased	10.203	10.467	0.2639
4444	100	LDR Unbiased	10.232	10.553	0.3202
4500	150	LDR Biased	10.237	10.603	0.3655
4501	150	LDR Biased	10.135	10.444	0.3091
4502	150	LDR Biased	10.141	10.505	0.3646
4503	150	LDR Biased	10.34	10.639	0.2982
4504	150	LDR Biased	10.426	10.861	0.4351
4505	150	LDR Unbiased	10.272	10.649	0.3765
4506	150	LDR Unbiased	10.384	10.661	0.2767
4507	150	LDR Unbiased	10.362	10.746	0.384
4508	150	LDR Unbiased	10.306	10.738	0.432
4509	150	LDR Unbiased	10.229	10.67	0.4402

Test Statistics (mA)

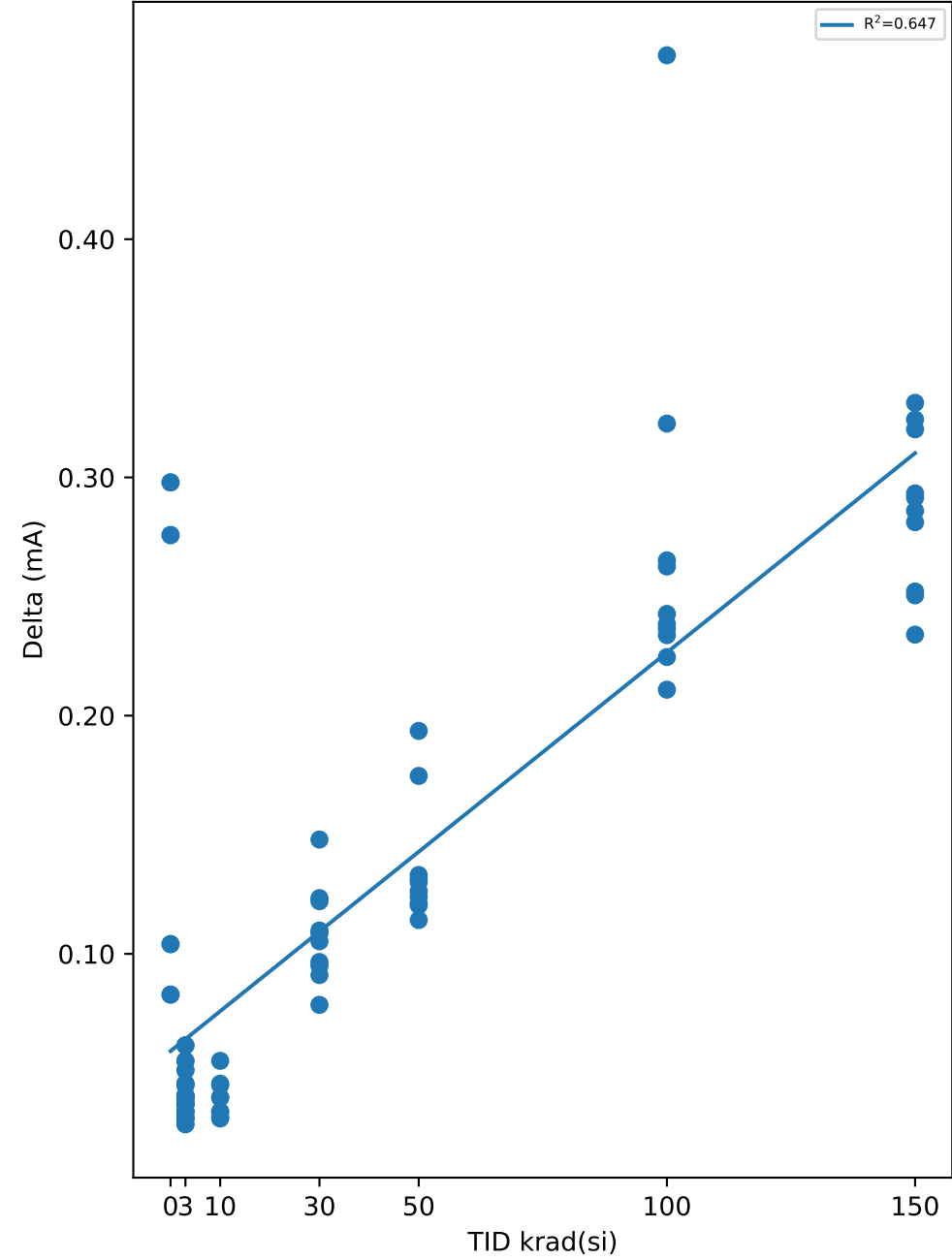
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.203	10.256	10.309	0.074529	10.539	10.582	10.625	0.06067	0.3162	0.326	0.3358	0.013859
3	10.097	10.269	10.355	0.084275	10.126	10.296	10.389	0.083095	0.0037	0.0274	0.0398	0.01162
10	10.097	10.269	10.355	0.084275	10.12	10.318	10.404	0.093044	0.0225	0.049356	0.0714	0.015993
30	10.069	10.21	10.309	0.074319	10.196	10.345	10.434	0.074351	0.1203	0.13428	0.1779	0.018547
50	10.069	10.21	10.309	0.074319	10.221	10.387	10.483	0.077938	0.1419	0.1767	0.2232	0.024055
100	10.069	10.21	10.309	0.074319	10.323	10.497	10.618	0.082419	0.2473	0.28641	0.3202	0.027325
150	10.135	10.283	10.426	0.098855	10.444	10.651	10.861	0.11909	0.2767	0.36819	0.4402	0.058532

Device Test: 37.19 lop HS BOOT IIM Interlock 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 10.5 (mA))

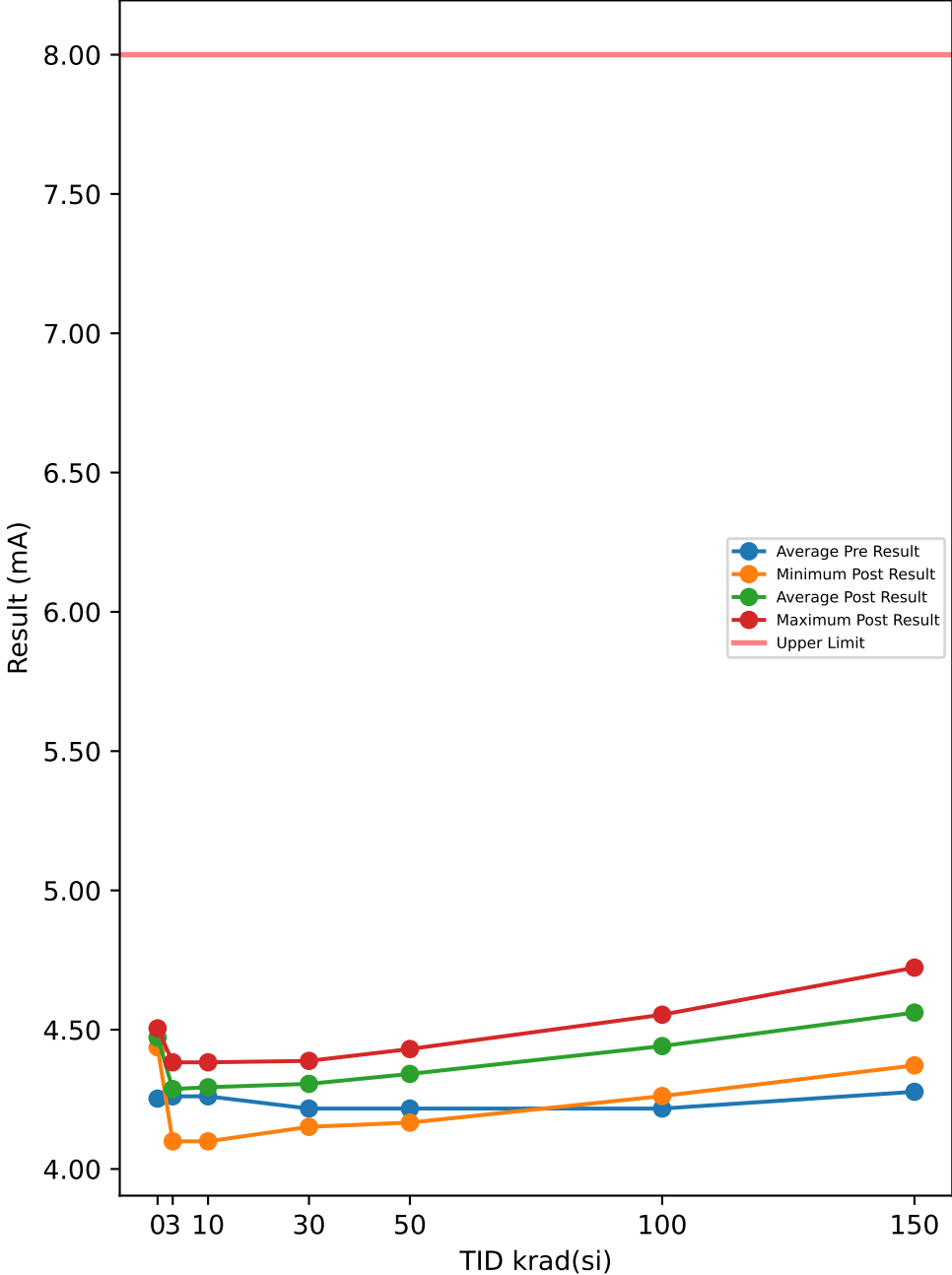
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0144	7.1185	0.1041
2	0	CORRELATION	6.9438	7.2417	0.2979
259	3	LDR Biased	6.9543	6.9916	0.0373
426	3	LDR Biased	6.8543	6.8916	0.0373
427	3	LDR Biased	7.0363	7.0769	0.0406
428	3	LDR Biased	7.0481	7.0885	0.0404
429	3	LDR Unbiased	6.848	6.8876	0.0396
430	3	LDR Unbiased	6.9745	7.0361	0.0616
431	3	LDR Unbiased	7.07	7.0985	0.0285
432	3	LDR Unbiased	6.9975	7.0487	0.0512
433	3	LDR Unbiased	7.0993	7.136	0.0367
1259	10	LDR Biased	6.9543	6.9992	0.0449
1426	10	LDR Biased	6.8543	6.888	0.0337
1427	10	LDR Biased	7.0363	7.0701	0.0338
1428	10	LDR Biased	7.0481	7.0878	0.0397
1429	10	LDR Unbiased	6.848	6.8793	0.0313
1430	10	LDR Unbiased	6.9745	7.02	0.0455
1431	10	LDR Unbiased	7.07	7.1009	0.0309
1432	10	LDR Unbiased	6.9975	7.0526	0.0551
1433	10	LDR Unbiased	7.0993	7.139	0.0397
2434	30	LDR Biased	6.8956	6.9742	0.0786
2435	30	LDR Biased	7.1466	7.2553	0.1087
2436	30	LDR Biased	6.921	7.0176	0.0966
2437	30	LDR Biased	7.0699	7.1649	0.095
2438	30	LDR Biased	6.9513	7.0993	0.148
2439	30	LDR Unbiased	6.9763	7.0674	0.0911
2440	30	LDR Unbiased	6.9172	7.0225	0.1053
2441	30	LDR Unbiased	7.0144	7.1365	0.1221
2443	30	LDR Unbiased	6.9438	7.0672	0.1234
2444	30	LDR Unbiased	6.9753	7.0851	0.1098
3434	50	LDR Biased	6.8956	7.0168	0.1212
3435	50	LDR Biased	7.1466	7.2706	0.124
3436	50	LDR Biased	6.921	7.0523	0.1313
3437	50	LDR Biased	7.0699	7.1841	0.1142
3438	50	LDR Biased	6.9513	7.1449	0.1936
3439	50	LDR Unbiased	6.9763	7.0967	0.1204
3440	50	LDR Unbiased	6.9172	7.0503	0.1331
3441	50	LDR Unbiased	7.0144	7.1891	0.1747
3443	50	LDR Unbiased	6.9438	7.0702	0.1264
3444	50	LDR Unbiased	6.9753	7.1054	0.1301
4434	100	LDR Biased	6.8956	7.3728	0.4772
4435	100	LDR Biased	7.1466	7.3893	0.2427
4436	100	LDR Biased	6.921	7.1576	0.2366
4437	100	LDR Biased	7.0699	7.3084	0.2385
4438	100	LDR Biased	6.9513	7.2739	0.3226
4439	100	LDR Unbiased	6.9763	7.1872	0.2109
4440	100	LDR Unbiased	6.9172	7.151	0.2338
4441	100	LDR Unbiased	7.0144	7.2796	0.2652
4443	100	LDR Unbiased	6.9438	7.2064	0.2626
4444	100	LDR Unbiased	6.9753	7.1999	0.2246
4500	150	LDR Biased	6.9314	7.2516	0.3202
4501	150	LDR Biased	6.8617	7.1122	0.2505
4502	150	LDR Biased	6.9656	7.2969	0.3313
4503	150	LDR Biased	7.0051	7.2911	0.286
4504	150	LDR Biased	7.0137	7.307	0.2933
4505	150	LDR Unbiased	7.0021	7.2936	0.2915
4506	150	LDR Unbiased	6.9689	7.221	0.2521
4507	150	LDR Unbiased	7.1001	7.3341	0.234
4508	150	LDR Unbiased	7.0731	7.3543	0.2812
4509	150	LDR Unbiased	6.8147	7.139	0.3243

Test Statistics (mA)

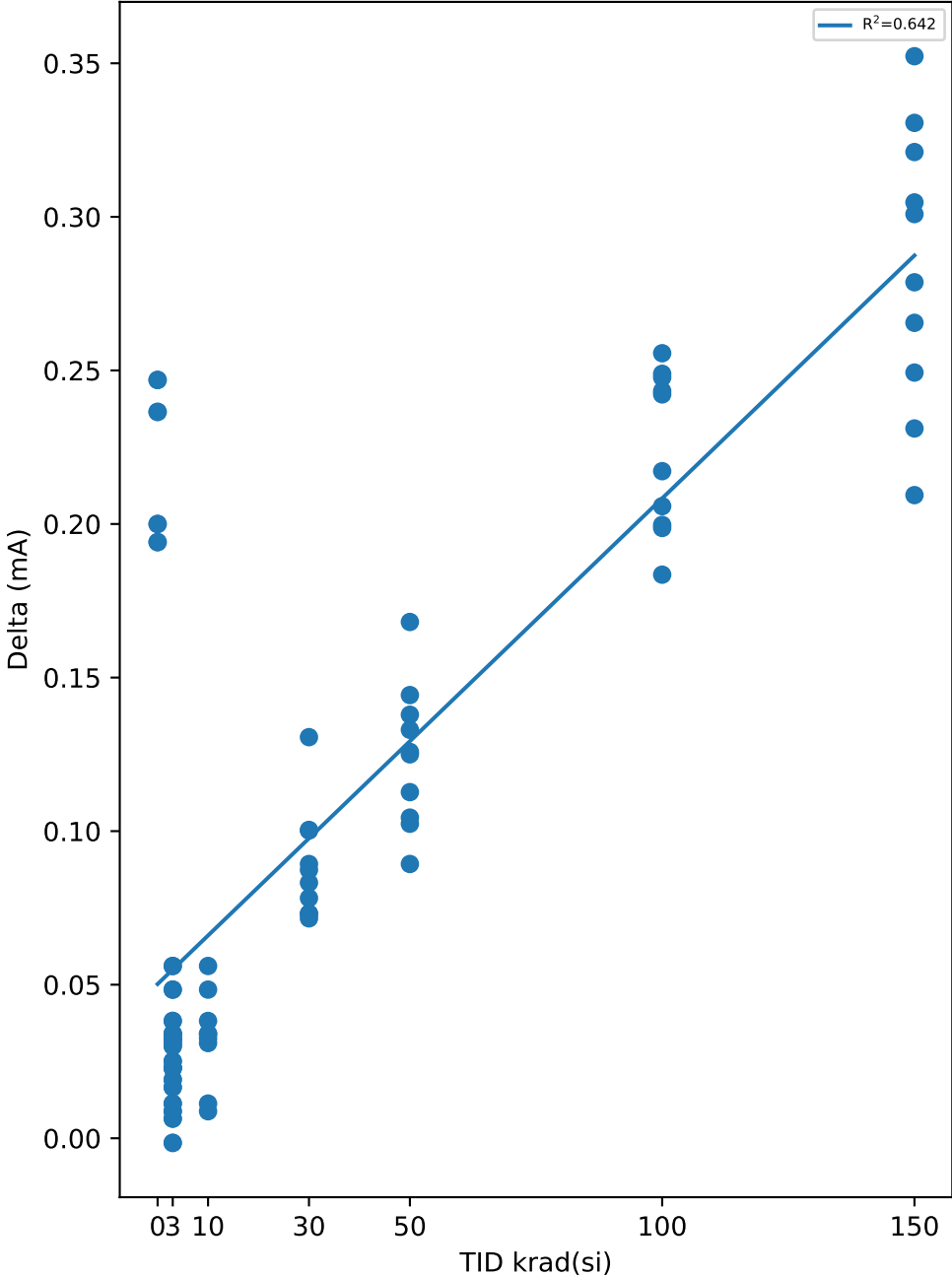
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9438	6.9791	7.0144	0.049922	7.1185	7.1801	7.2417	0.087116	0.1041	0.201	0.2979	0.13704
3	6.848	6.9869	7.0993	0.089394	6.8876	7.0284	7.136	0.088615	0.0285	0.041467	0.0616	0.0095593
10	6.848	6.9869	7.0993	0.089394	6.8793	7.0263	7.139	0.090946	0.0309	0.0394	0.0551	0.0080299
30	6.8956	6.9811	7.1466	0.077263	6.9742	7.089	7.2553	0.081264	0.0786	0.10786	0.148	0.019708
50	6.8956	6.9811	7.1466	0.077263	7.0168	7.118	7.2706	0.078509	0.1142	0.1369	0.1936	0.02592
100	6.8956	6.9811	7.1466	0.077263	7.151	7.2526	7.3893	0.085614	0.2109	0.27147	0.4772	0.078509
150	6.8147	6.9736	7.1001	0.08753	7.1122	7.2601	7.3543	0.080365	0.234	0.28644	0.3313	0.033178

Device Test: 37.2 Iq LS VIN IIM Interlock VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



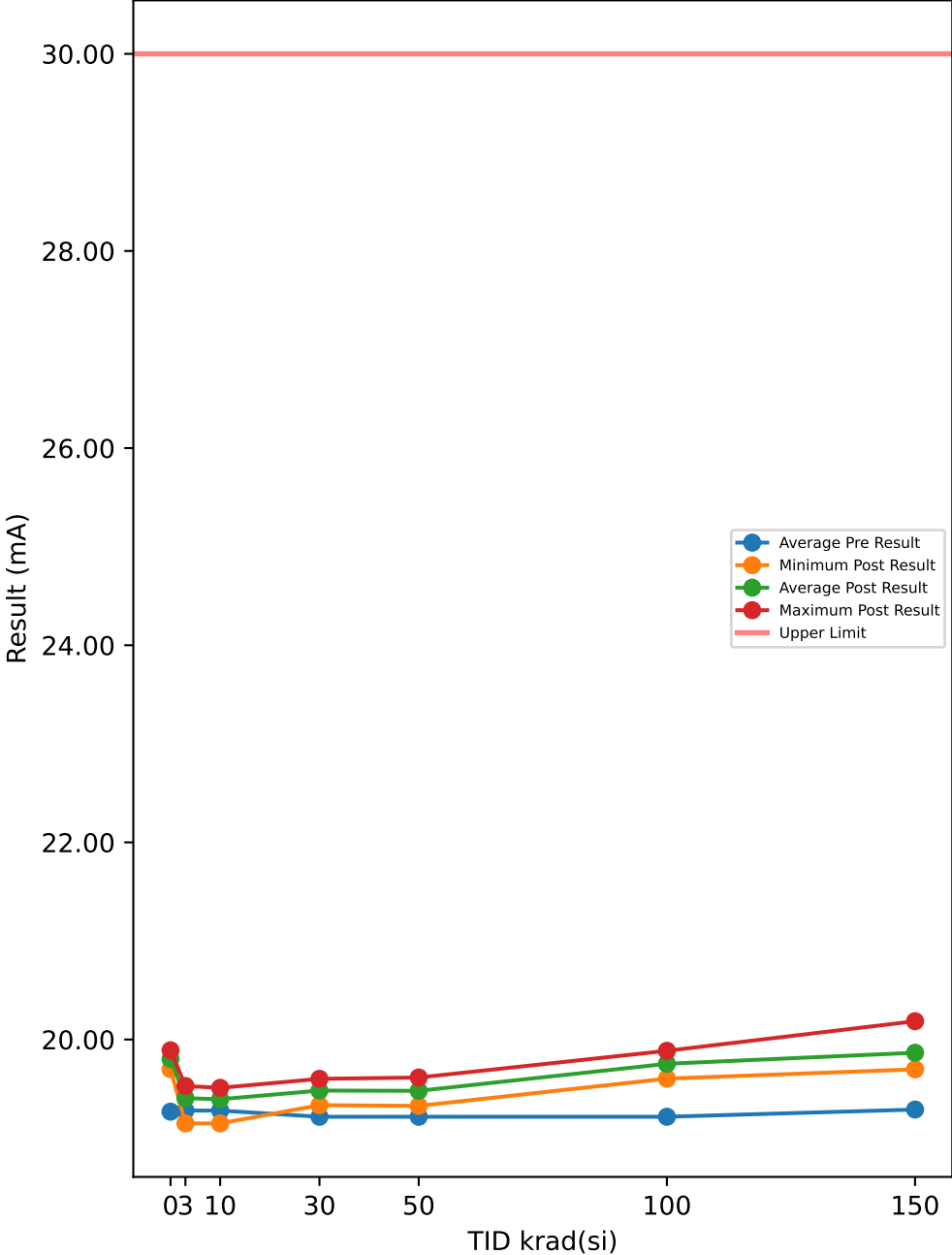
Test Results (Upper Limit = 8.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.3049	4.5049	0.2
2	0	CORRELATION	4.2003	4.4472	0.2469
259	3	LDR Biased	4.23	4.2364	0.0064
426	3	LDR Biased	4.0905	4.1135	0.023
427	3	LDR Biased	4.3268	4.3589	0.0321
428	3	LDR Biased	4.2071	4.2262	0.0191
429	3	LDR Unbiased	4.2173	4.2473	0.03
430	3	LDR Unbiased	4.3325	4.3553	0.0228
431	3	LDR Unbiased	4.3126	4.3292	0.0166
432	3	LDR Unbiased	4.3254	4.3505	0.0251
433	3	LDR Unbiased	4.3054	4.3039	-0.0015
1259	10	LDR Biased	4.23	4.264	0.034
1426	10	LDR Biased	4.0905	4.0993	0.0088
1427	10	LDR Biased	4.3268	4.3829	0.0561
1428	10	LDR Biased	4.2071	4.2453	0.0382
1429	10	LDR Unbiased	4.2173	4.2513	0.034
1430	10	LDR Unbiased	4.3325	4.3635	0.031
1431	10	LDR Unbiased	4.3126	4.361	0.0484
1432	10	LDR Unbiased	4.3254	4.3579	0.0325
1433	10	LDR Unbiased	4.3054	4.3167	0.0113
2434	30	LDR Biased	4.1902	4.3208	0.1306
2435	30	LDR Biased	4.25	4.3216	0.0716
2436	30	LDR Biased	4.2218	4.3222	0.1004
2437	30	LDR Biased	4.2839	4.3571	0.0732
2438	30	LDR Biased	4.2841	4.3571	0.073
2439	30	LDR Unbiased	4.0621	4.1514	0.0893
2440	30	LDR Unbiased	4.1586	4.246	0.0874
2441	30	LDR Unbiased	4.3049	4.3881	0.0832
2443	30	LDR Unbiased	4.2003	4.2785	0.0782
2444	30	LDR Unbiased	4.2133	4.3135	0.1002
3434	50	LDR Biased	4.1902	4.3583	0.1681
3435	50	LDR Biased	4.25	4.3393	0.0893
3436	50	LDR Biased	4.2218	4.3548	0.133
3437	50	LDR Biased	4.2839	4.4089	0.125
3438	50	LDR Biased	4.2841	4.3865	0.1024
3439	50	LDR Unbiased	4.0621	4.1665	0.1044
3440	50	LDR Unbiased	4.1586	4.2965	0.1379
3441	50	LDR Unbiased	4.3049	4.4307	0.1258
3443	50	LDR Unbiased	4.2003	4.313	0.1127
3444	50	LDR Unbiased	4.2133	4.3576	0.1443
4434	100	LDR Biased	4.1902	4.4324	0.2422
4435	100	LDR Biased	4.25	4.4487	0.1987
4436	100	LDR Biased	4.2218	4.439	0.2172
4437	100	LDR Biased	4.2839	4.5272	0.2433
4438	100	LDR Biased	4.2841	4.4676	0.1835
4439	100	LDR Unbiased	4.0621	4.2618	0.1997
4440	100	LDR Unbiased	4.1586	4.4063	0.2477
4441	100	LDR Unbiased	4.3049	4.5538	0.2489
4443	100	LDR Unbiased	4.2003	4.4061	0.2058
4444	100	LDR Unbiased	4.2133	4.4689	0.2556
4500	150	LDR Biased	4.2656	4.5443	0.2787
4501	150	LDR Biased	4.1408	4.3719	0.2311
4502	150	LDR Biased	4.1215	4.387	0.2655
4503	150	LDR Biased	4.3368	4.5462	0.2094
4504	150	LDR Biased	4.4017	4.7228	0.3211
4505	150	LDR Unbiased	4.2727	4.5736	0.3009
4506	150	LDR Unbiased	4.3472	4.5965	0.2493
4507	150	LDR Unbiased	4.3707	4.6754	0.3047
4508	150	LDR Unbiased	4.3147	4.667	0.3523
4509	150	LDR Unbiased	4.2	4.5306	0.3306

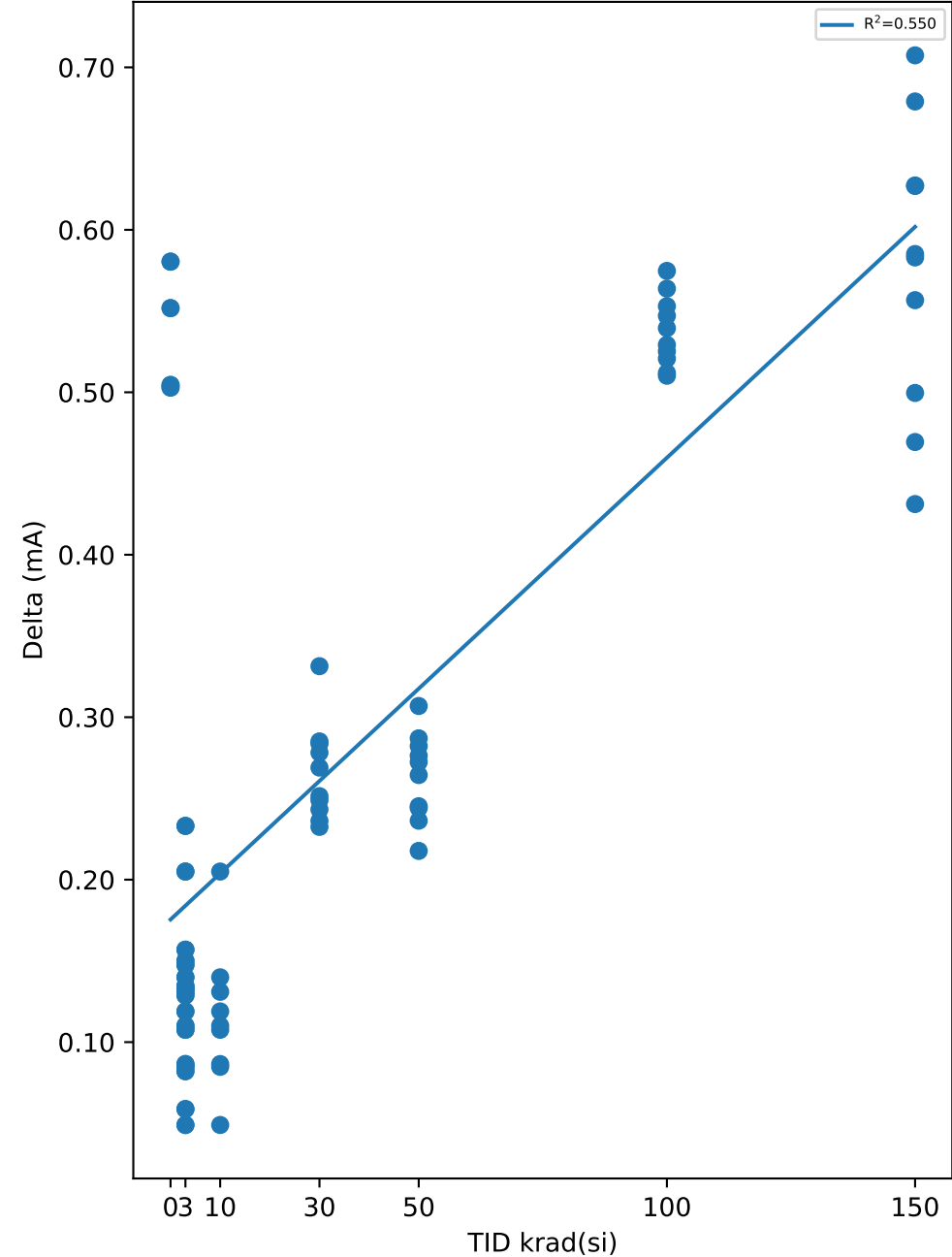
Test Statistics (mA)

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	4.2003	4.2526	4.3049	0.073963	4.4472	4.476	4.5049	0.0408	0.2	0.22345	0.2469	0.033163
3	4.0905	4.2608	4.3325	0.081447	4.1135	4.2801	4.3589	0.081734	-0.0015	0.019289	0.0321	0.010864
10	4.0905	4.2608	4.3325	0.081447	4.0993	4.2935	4.3829	0.090015	0.0088	0.0327	0.0561	0.015247
30	4.0621	4.2169	4.3049	0.071672	4.1514	4.3056	4.3881	0.067495	0.0716	0.08871	0.1306	0.018094
50	4.0621	4.2169	4.3049	0.071672	4.1665	4.3412	4.4307	0.073567	0.0893	0.12429	0.1681	0.023135
100	4.0621	4.2169	4.3049	0.071672	4.2618	4.4412	4.5538	0.0791	0.1835	0.22426	0.2556	0.026102
150	4.1215	4.2772	4.4017	0.096069	4.3719	4.5615	4.7228	0.11517	0.2094	0.28436	0.3523	0.045782

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 30.0 (mA))

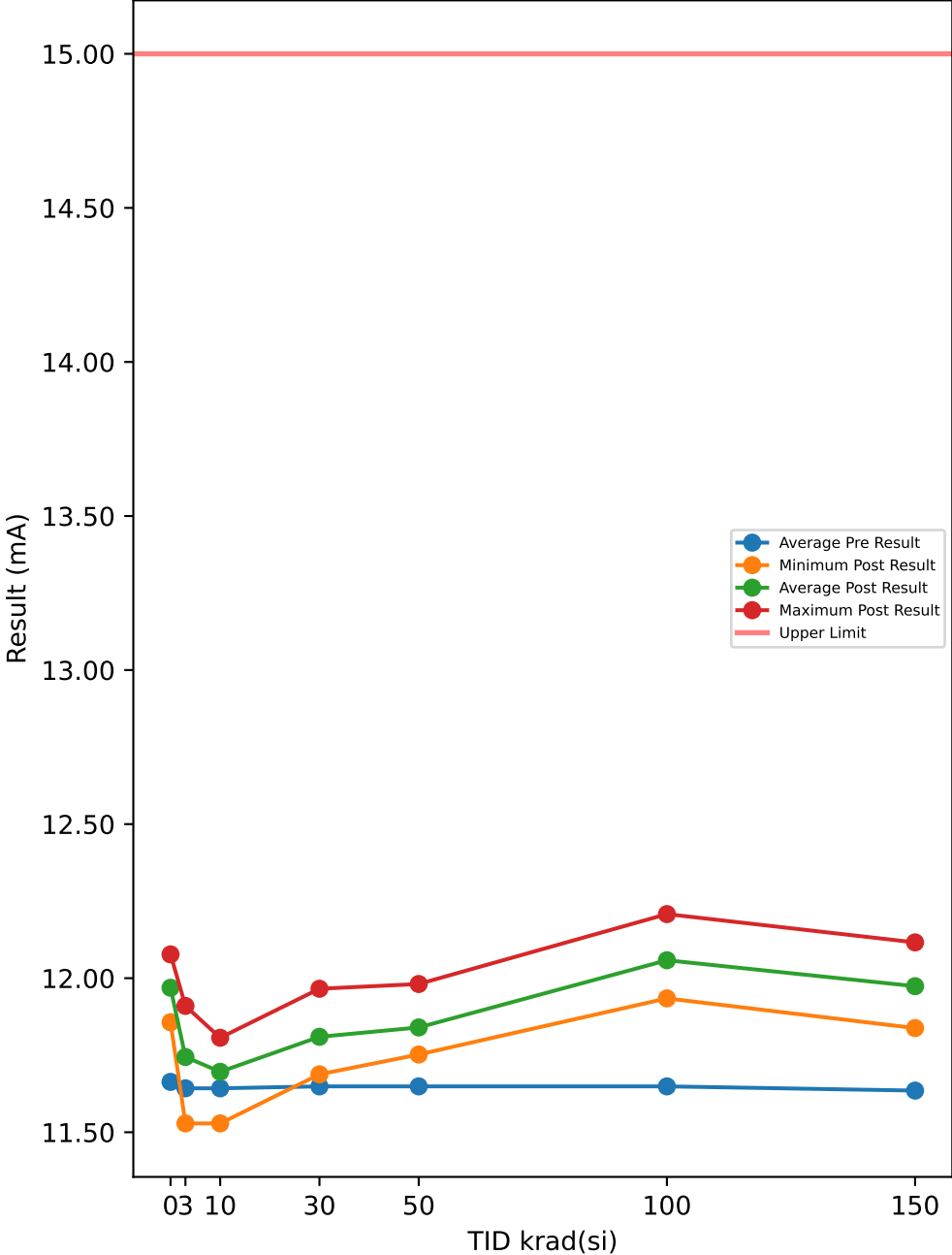
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.338	19.89	0.5518
2	0	CORRELATION	19.197	19.778	0.5804
259	3	LDR Biased	19.365	19.447	0.0821
426	3	LDR Biased	19.1	19.233	0.1329
427	3	LDR Biased	19.196	19.429	0.2331
428	3	LDR Biased	19.274	19.409	0.1346
429	3	LDR Unbiased	19.143	19.29	0.1475
430	3	LDR Unbiased	19.3	19.45	0.1501
431	3	LDR Unbiased	19.333	19.49	0.1569
432	3	LDR Unbiased	19.4	19.529	0.1288
433	3	LDR Unbiased	19.404	19.462	0.0588
1259	10	LDR Biased	19.365	19.45	0.0848
1426	10	LDR Biased	19.1	19.149	0.049
1427	10	LDR Biased	19.196	19.401	0.205
1428	10	LDR Biased	19.274	19.405	0.131
1429	10	LDR Unbiased	19.143	19.262	0.1189
1430	10	LDR Unbiased	19.3	19.408	0.1076
1431	10	LDR Unbiased	19.333	19.473	0.1399
1432	10	LDR Unbiased	19.4	19.51	0.1101
1433	10	LDR Unbiased	19.404	19.49	0.0865
2434	30	LDR Biased	19.178	19.509	0.3314
2435	30	LDR Biased	19.203	19.452	0.2489
2436	30	LDR Biased	19.264	19.547	0.2837
2437	30	LDR Biased	19.218	19.496	0.2782
2438	30	LDR Biased	19.332	19.601	0.269
2439	30	LDR Unbiased	19.083	19.334	0.2514
2440	30	LDR Unbiased	19.102	19.338	0.2362
2441	30	LDR Unbiased	19.338	19.582	0.2432
2443	30	LDR Unbiased	19.197	19.482	0.2851
2444	30	LDR Unbiased	19.248	19.481	0.2325
3434	50	LDR Biased	19.178	19.485	0.3069
3435	50	LDR Biased	19.203	19.421	0.2177
3436	50	LDR Biased	19.264	19.54	0.2763
3437	50	LDR Biased	19.218	19.505	0.287
3438	50	LDR Biased	19.332	19.614	0.2822
3439	50	LDR Unbiased	19.083	19.327	0.2441
3440	50	LDR Unbiased	19.102	19.338	0.2363
3441	50	LDR Unbiased	19.338	19.584	0.2452
3443	50	LDR Unbiased	19.197	19.47	0.2724
3444	50	LDR Unbiased	19.248	19.513	0.2644
4434	100	LDR Biased	19.178	19.718	0.5395
4435	100	LDR Biased	19.203	19.728	0.5252
4436	100	LDR Biased	19.264	19.817	0.553
4437	100	LDR Biased	19.218	19.782	0.5638
4438	100	LDR Biased	19.332	19.843	0.5102
4439	100	LDR Unbiased	19.083	19.603	0.5207
4440	100	LDR Unbiased	19.102	19.613	0.5119
4441	100	LDR Unbiased	19.338	19.886	0.5471
4443	100	LDR Unbiased	19.197	19.726	0.5292
4444	100	LDR Unbiased	19.248	19.823	0.5747
4500	150	LDR Biased	19.198	19.783	0.5851
4501	150	LDR Biased	19.115	19.698	0.583
4502	150	LDR Biased	19.163	19.72	0.5567
4503	150	LDR Biased	19.387	19.819	0.4312
4504	150	LDR Biased	19.507	20.186	0.679
4505	150	LDR Unbiased	19.27	19.77	0.4996
4506	150	LDR Unbiased	19.392	19.861	0.4694
4507	150	LDR Unbiased	19.33	19.957	0.6273
4508	150	LDR Unbiased	19.29	19.997	0.7074
4509	150	LDR Unbiased	19.243	19.87	0.627

Test Statistics (mA)

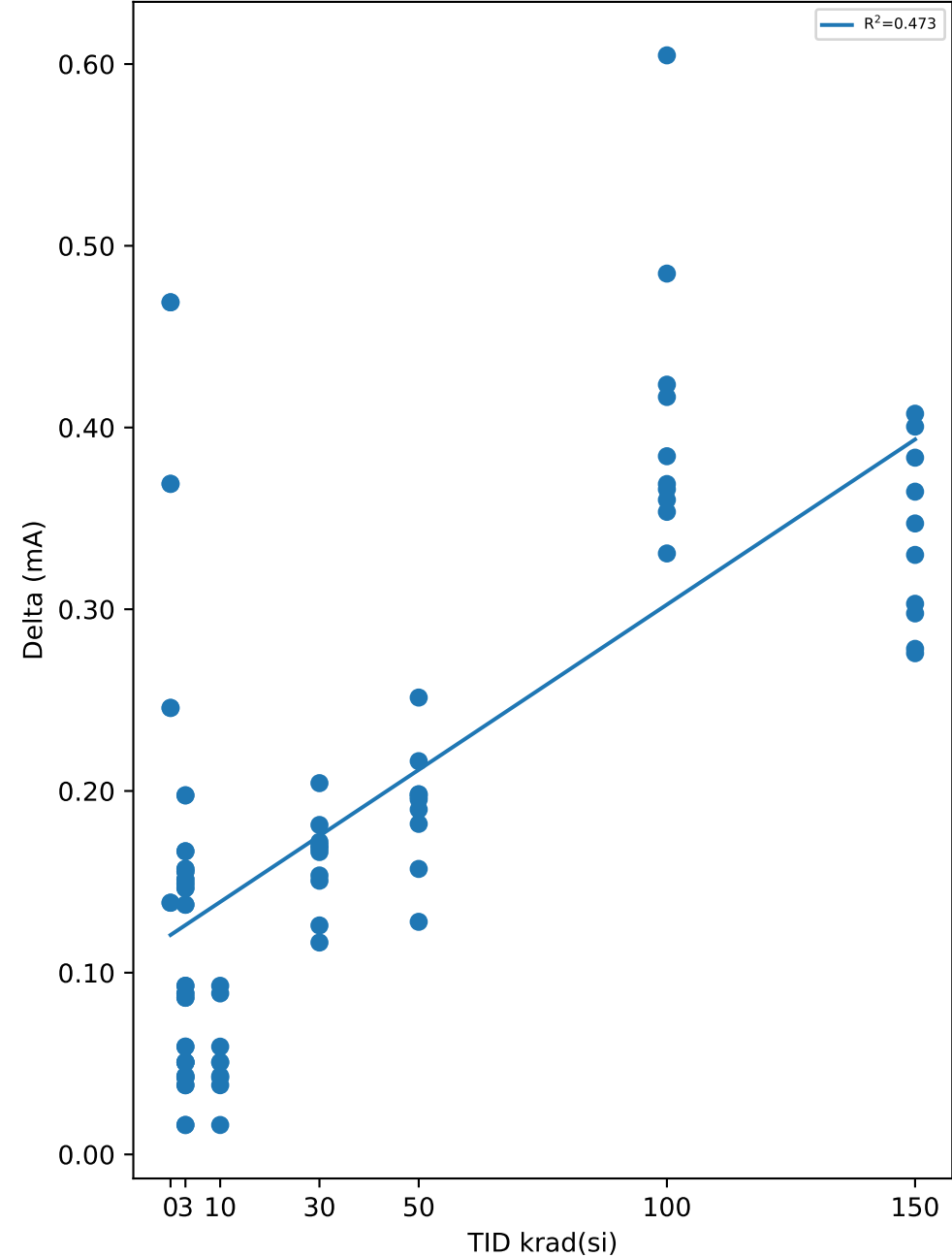
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.197	19.268	19.338	0.099914	19.778	19.834	19.89	0.079691	0.5518	0.5661	0.5804	0.020223
3	19.1	19.279	19.404	0.11091	19.233	19.415	19.529	0.094908	0.0588	0.13609	0.2331	0.048894
10	19.1	19.279	19.404	0.11091	19.149	19.394	19.51	0.11726	0.049	0.11476	0.205	0.043517
30	19.083	19.216	19.338	0.084772	19.334	19.482	19.601	0.090045	0.2325	0.26596	0.3314	0.03009
50	19.083	19.216	19.338	0.084772	19.327	19.48	19.614	0.095137	0.2177	0.26325	0.3069	0.027034
100	19.083	19.216	19.338	0.084772	19.603	19.754	19.886	0.094168	0.5102	0.53753	0.5747	0.021896
150	19.115	19.289	19.507	0.11849	19.698	19.866	20.186	0.14757	0.4312	0.57657	0.7074	0.089304

Device Test: 37.21 lop HS BOOT IIM Interlock 5MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 15.0 (mA))

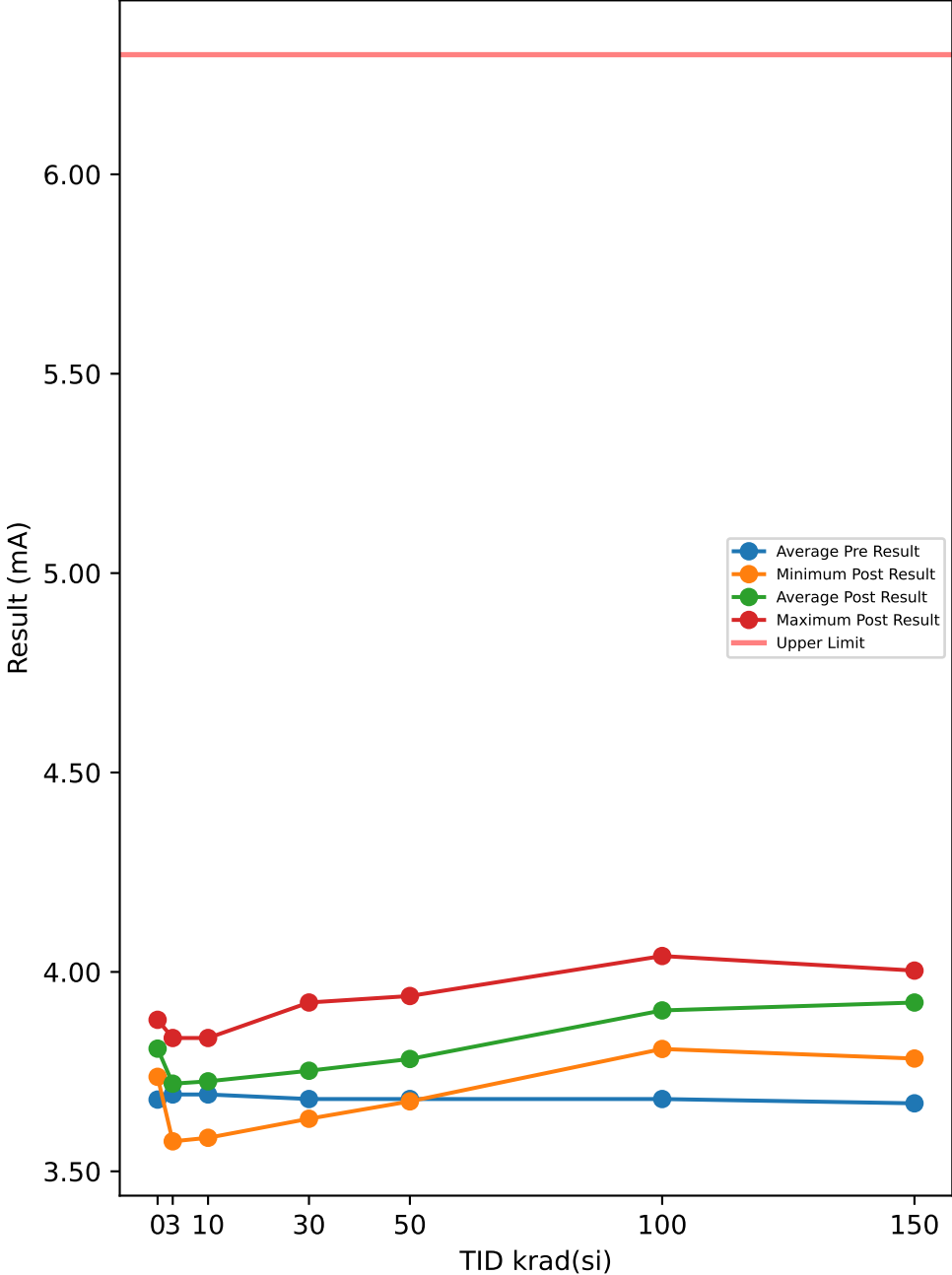
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.719	11.964	0.2457
2	0	CORRELATION	11.608	12.077	0.4689
259	3	LDR Biased	11.679	11.816	0.1374
426	3	LDR Biased	11.497	11.646	0.149
427	3	LDR Biased	11.628	11.78	0.1514
428	3	LDR Biased	11.662	11.818	0.1556
429	3	LDR Unbiased	11.491	11.657	0.1668
430	3	LDR Unbiased	11.634	11.832	0.1976
431	3	LDR Unbiased	11.774	11.86	0.0862
432	3	LDR Unbiased	11.655	11.812	0.1571
433	3	LDR Unbiased	11.764	11.91	0.1465
1259	10	LDR Biased	11.679	11.729	0.0506
1426	10	LDR Biased	11.497	11.539	0.0423
1427	10	LDR Biased	11.628	11.688	0.0593
1428	10	LDR Biased	11.662	11.751	0.0886
1429	10	LDR Unbiased	11.491	11.529	0.0381
1430	10	LDR Unbiased	11.634	11.685	0.0508
1431	10	LDR Unbiased	11.774	11.79	0.0162
1432	10	LDR Unbiased	11.655	11.748	0.0928
1433	10	LDR Unbiased	11.764	11.807	0.0431
2434	30	LDR Biased	11.562	11.688	0.126
2435	30	LDR Biased	11.784	11.966	0.1813
2436	30	LDR Biased	11.574	11.743	0.1685
2437	30	LDR Biased	11.769	11.885	0.1166
2438	30	LDR Biased	11.614	11.819	0.2043
2439	30	LDR Unbiased	11.63	11.781	0.1506
2440	30	LDR Unbiased	11.57	11.737	0.1664
2441	30	LDR Unbiased	11.719	11.89	0.172
2443	30	LDR Unbiased	11.608	11.762	0.1535
2444	30	LDR Unbiased	11.657	11.827	0.17
3434	50	LDR Biased	11.562	11.76	0.1982
3435	50	LDR Biased	11.784	11.981	0.1967
3436	50	LDR Biased	11.574	11.77	0.1953
3437	50	LDR Biased	11.769	11.897	0.128
3438	50	LDR Biased	11.614	11.866	0.2514
3439	50	LDR Unbiased	11.63	11.82	0.1898
3440	50	LDR Unbiased	11.57	11.752	0.1819
3441	50	LDR Unbiased	11.719	11.935	0.2164
3443	50	LDR Unbiased	11.608	11.765	0.1571
3444	50	LDR Unbiased	11.657	11.855	0.1981
4434	100	LDR Biased	11.562	12.167	0.6048
4435	100	LDR Biased	11.784	12.208	0.4236
4436	100	LDR Biased	11.574	11.934	0.3602
4437	100	LDR Biased	11.769	12.122	0.3536
4438	100	LDR Biased	11.614	12.099	0.4847
4439	100	LDR Unbiased	11.63	11.961	0.3307
4440	100	LDR Unbiased	11.57	11.955	0.3842
4441	100	LDR Unbiased	11.719	12.135	0.4168
4443	100	LDR Unbiased	11.608	11.977	0.3689
4444	100	LDR Unbiased	11.657	12.023	0.366
4500	150	LDR Biased	11.54	11.947	0.4076
4501	150	LDR Biased	11.56	11.838	0.2782
4502	150	LDR Biased	11.623	12.024	0.4005
4503	150	LDR Biased	11.704	12.007	0.303
4504	150	LDR Biased	11.64	12.005	0.3647
4505	150	LDR Unbiased	11.655	11.985	0.3299
4506	150	LDR Unbiased	11.631	11.928	0.2977
4507	150	LDR Unbiased	11.774	12.05	0.2758
4508	150	LDR Unbiased	11.769	12.116	0.3472
4509	150	LDR Unbiased	11.457	11.841	0.3834

Test Statistics (mA)

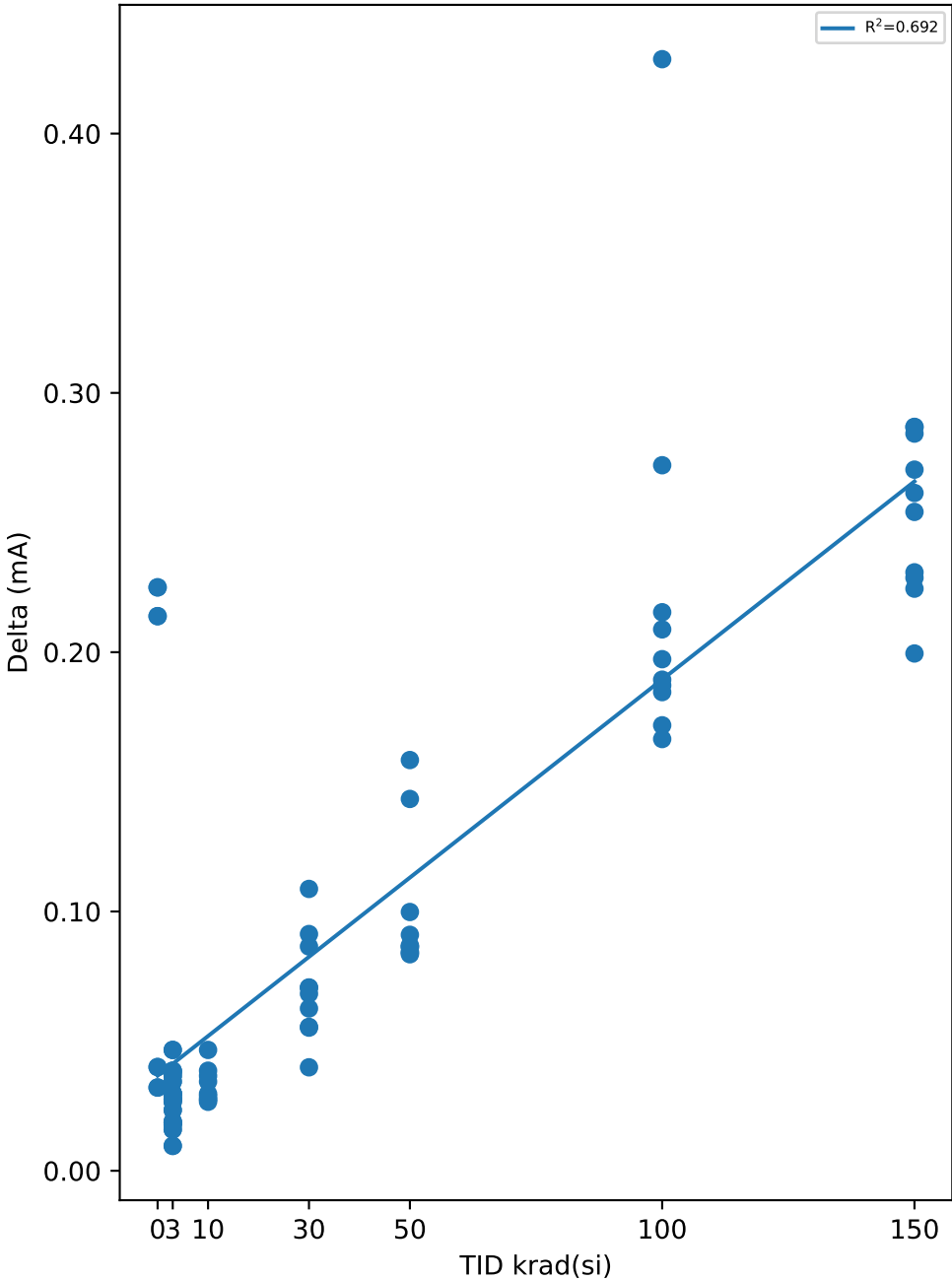
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	11.608	11.663	11.719	0.077923	11.964	12.021	12.077	0.079903	0.2457	0.3573	0.4689	0.15783
3	11.491	11.643	11.774	0.099021	11.646	11.792	11.91	0.087666	0.0862	0.14973	0.1976	0.029312
10	11.491	11.643	11.774	0.099021	11.529	11.696	11.807	0.10048	0.0162	0.053533	0.0928	0.024207
30	11.562	11.649	11.784	0.081711	11.688	11.81	11.966	0.084798	0.1166	0.16092	0.2043	0.02568
50	11.562	11.649	11.784	0.081711	11.752	11.84	11.981	0.080298	0.128	0.19129	0.2514	0.032742
100	11.562	11.649	11.784	0.081711	11.934	12.058	12.208	0.09957	0.3307	0.40935	0.6048	0.081646
150	11.457	11.635	11.774	0.099285	11.838	11.974	12.116	0.087889	0.2758	0.3388	0.4076	0.049399

Device Test: 37.3 Iq HS BOOT IIM Interlock VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.3 (mA))

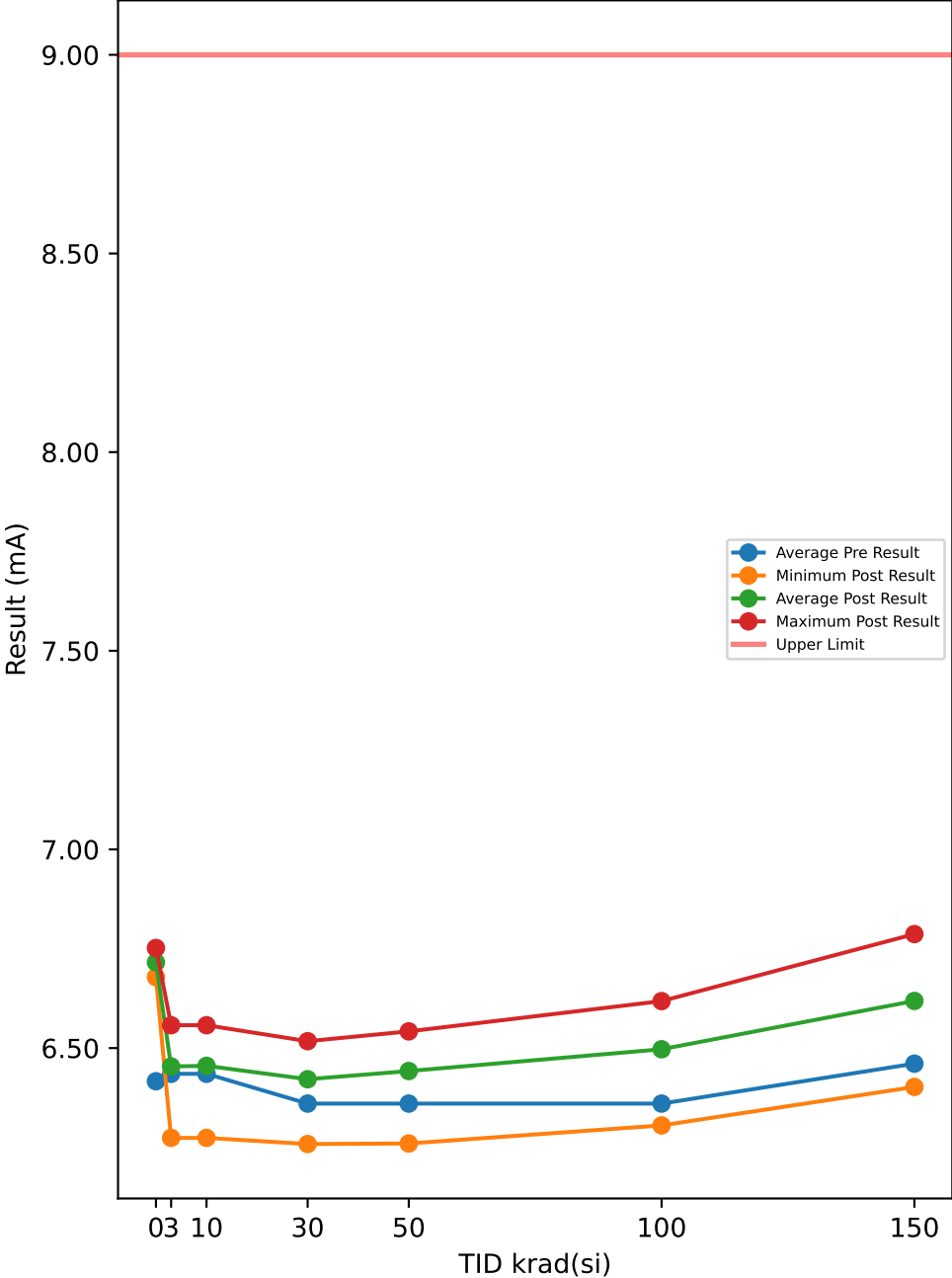
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.7048	3.7448	0.04
2	0	CORRELATION	3.6549	3.8799	0.225
259	3	LDR Biased	3.6389	3.6579	0.019
426	3	LDR Biased	3.5567	3.5752	0.0185
427	3	LDR Biased	3.7654	3.7838	0.0184
428	3	LDR Biased	3.7693	3.787	0.0177
429	3	LDR Unbiased	3.5678	3.5912	0.0234
430	3	LDR Unbiased	3.6754	3.7135	0.0381
431	3	LDR Unbiased	3.7589	3.7685	0.0096
432	3	LDR Unbiased	3.7021	3.732	0.0299
433	3	LDR Unbiased	3.7999	3.8158	0.0159
1259	10	LDR Biased	3.6389	3.6775	0.0386
1426	10	LDR Biased	3.5567	3.5841	0.0274
1427	10	LDR Biased	3.7654	3.792	0.0266
1428	10	LDR Biased	3.7693	3.7981	0.0288
1429	10	LDR Unbiased	3.5678	3.5955	0.0277
1430	10	LDR Unbiased	3.6754	3.712	0.0366
1431	10	LDR Unbiased	3.7589	3.7886	0.0297
1432	10	LDR Unbiased	3.7021	3.7487	0.0466
1433	10	LDR Unbiased	3.7999	3.8343	0.0344
2434	30	LDR Biased	3.5919	3.6318	0.0399
2435	30	LDR Biased	3.8527	3.9233	0.0706
2436	30	LDR Biased	3.6257	3.6809	0.0552
2437	30	LDR Biased	3.7652	3.8278	0.0626
2438	30	LDR Biased	3.6579	3.7666	0.1087
2439	30	LDR Unbiased	3.6826	3.7381	0.0555
2440	30	LDR Unbiased	3.6174	3.6857	0.0683
2441	30	LDR Unbiased	3.7048	3.7961	0.0913
2443	30	LDR Unbiased	3.6549	3.7414	0.0865
2444	30	LDR Unbiased	3.6595	3.7302	0.0707
3434	50	LDR Biased	3.5919	3.6754	0.0835
3435	50	LDR Biased	3.8527	3.9396	0.0869
3436	50	LDR Biased	3.6257	3.7167	0.091
3437	50	LDR Biased	3.7652	3.8492	0.084
3438	50	LDR Biased	3.6579	3.8163	0.1584
3439	50	LDR Unbiased	3.6826	3.7671	0.0845
3440	50	LDR Unbiased	3.6174	3.7172	0.0998
3441	50	LDR Unbiased	3.7048	3.8482	0.1434
3443	50	LDR Unbiased	3.6549	3.7413	0.0864
3444	50	LDR Unbiased	3.6595	3.7458	0.0863
4434	100	LDR Biased	3.5919	4.0206	0.4287
4435	100	LDR Biased	3.8527	4.0399	0.1872
4436	100	LDR Biased	3.6257	3.8103	0.1846
4437	100	LDR Biased	3.7652	3.9625	0.1973
4438	100	LDR Biased	3.6579	3.93	0.2721
4439	100	LDR Unbiased	3.6826	3.8491	0.1665
4440	100	LDR Unbiased	3.6174	3.8068	0.1894
4441	100	LDR Unbiased	3.7048	3.9202	0.2154
4443	100	LDR Unbiased	3.6549	3.8637	0.2088
4444	100	LDR Unbiased	3.6595	3.8313	0.1718
4500	150	LDR Biased	3.6418	3.9287	0.2869
4501	150	LDR Biased	3.5583	3.7828	0.2245
4502	150	LDR Biased	3.6552	3.9395	0.2843
4503	150	LDR Biased	3.6918	3.9459	0.2541
4504	150	LDR Biased	3.707	3.9684	0.2614
4505	150	LDR Unbiased	3.6934	3.9638	0.2704
4506	150	LDR Unbiased	3.6555	3.8842	0.2287
4507	150	LDR Unbiased	3.8038	4.0033	0.1995
4508	150	LDR Unbiased	3.772	4.0028	0.2308
4509	150	LDR Unbiased	3.526	3.8128	0.2868

Test Statistics (mA)

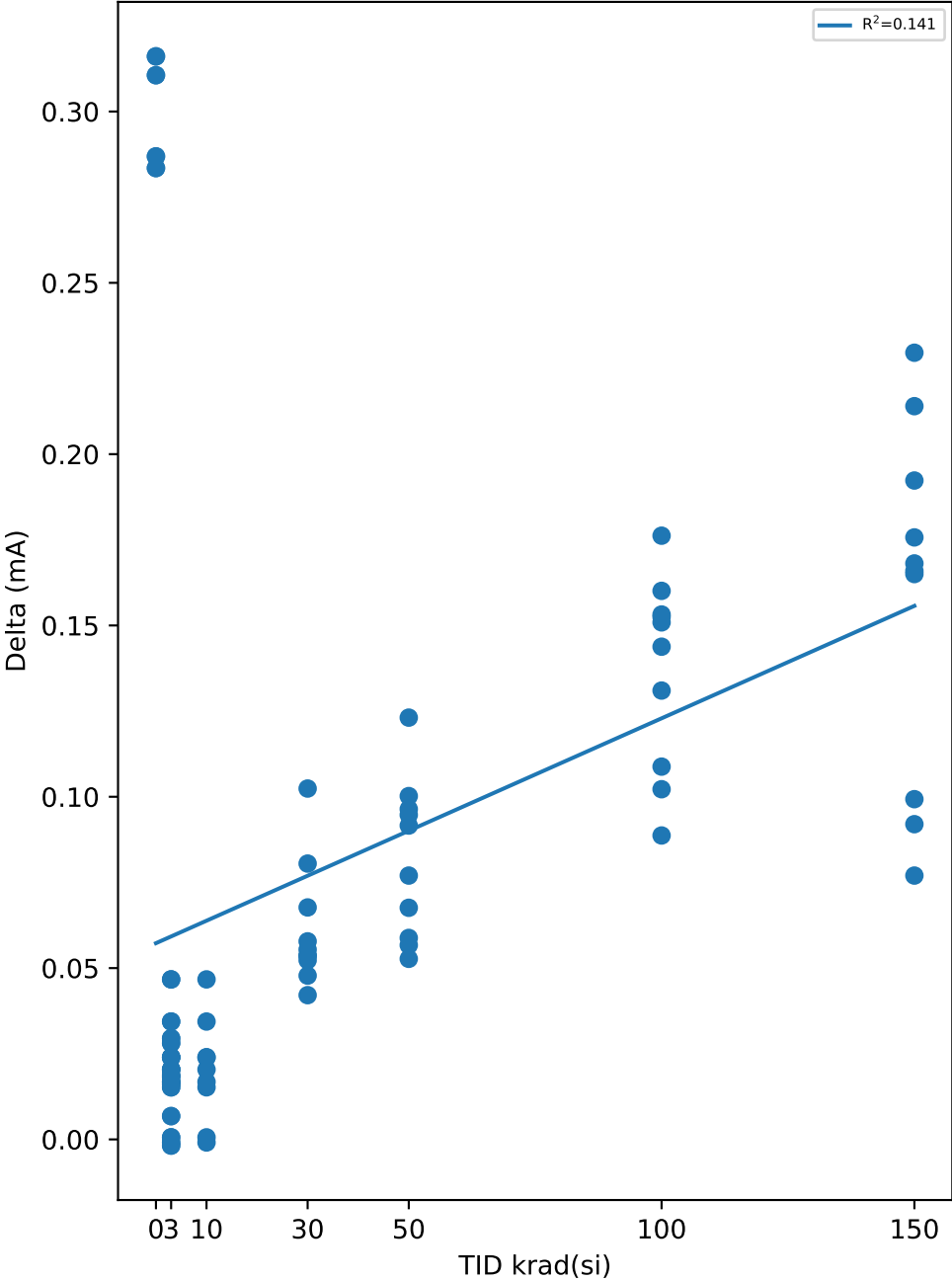
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6549	3.6799	3.7048	0.035285	3.7448	3.8124	3.8799	0.09553	0.04	0.1325	0.225	0.13081
3	3.5567	3.6927	3.7999	0.089725	3.5752	3.7139	3.8158	0.087572	0.0096	0.021167	0.0381	0.0083741
10	3.5567	3.6927	3.7999	0.089725	3.5841	3.7256	3.8343	0.090437	0.0266	0.032933	0.0466	0.0067095
30	3.5919	3.6813	3.8527	0.077358	3.6318	3.7522	3.9233	0.08295	0.0399	0.07093	0.1087	0.020024
50	3.5919	3.6813	3.8527	0.077358	3.6754	3.7817	3.9396	0.080227	0.0835	0.10042	0.1584	0.027256
100	3.5919	3.6813	3.8527	0.077358	3.8068	3.9034	4.0399	0.084704	0.1665	0.22218	0.4287	0.078412
150	3.526	3.6705	3.8038	0.085071	3.7828	3.9232	4.0033	0.075038	0.1995	0.25274	0.2869	0.030556

Device Test: 37.6 lop LS VIN PWM 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 9.0 (mA))

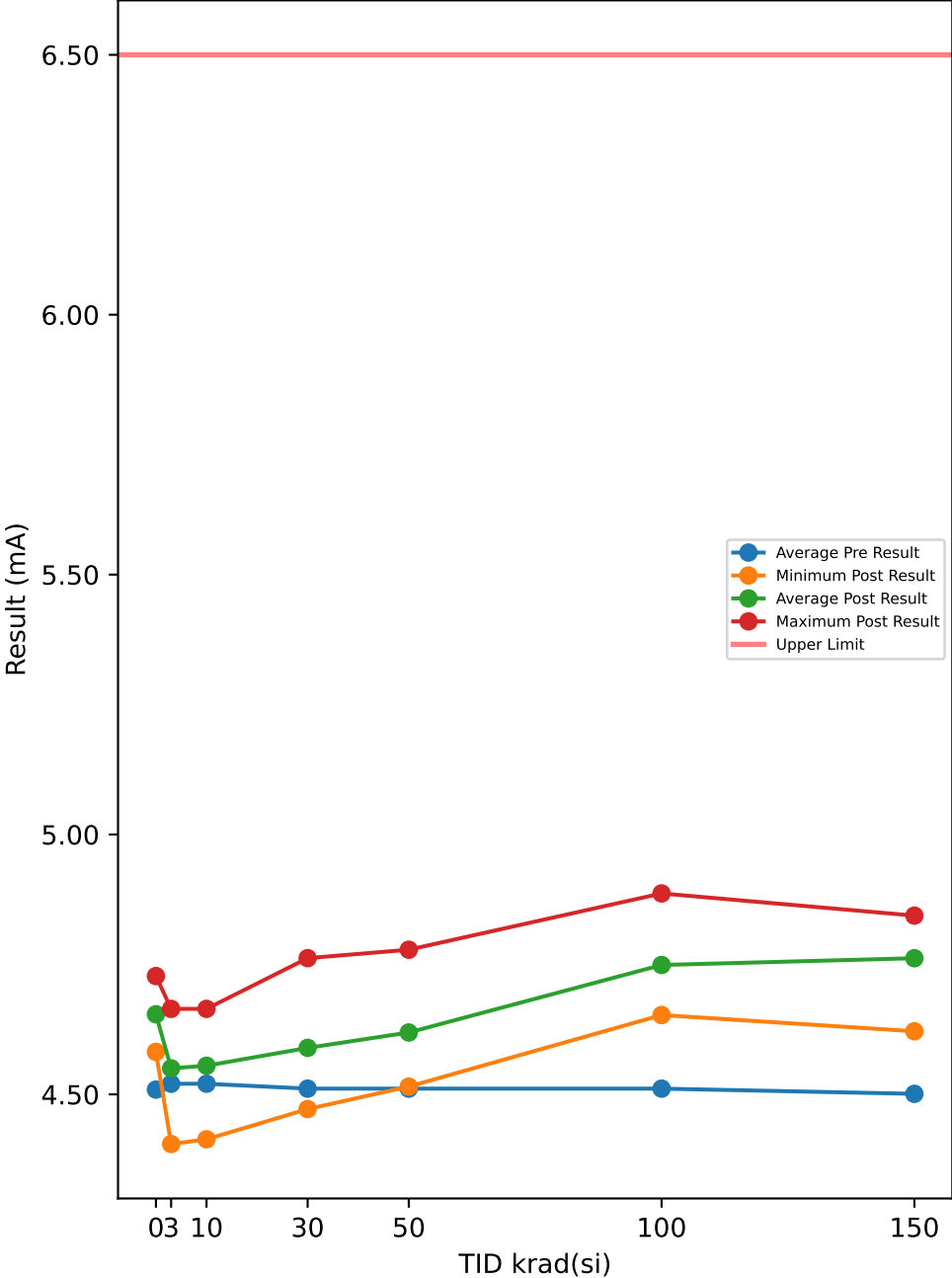
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.465	6.7519	0.2869
2	0	CORRELATION	6.3679	6.684	0.3161
259	3	LDR Biased	6.4155	6.4223	0.0068
426	3	LDR Biased	6.2748	6.293	0.0182
427	3	LDR Biased	6.5108	6.5403	0.0295
428	3	LDR Biased	6.4285	6.4452	0.0167
429	3	LDR Unbiased	6.369	6.3971	0.0281
430	3	LDR Unbiased	6.5075	6.5262	0.0187
431	3	LDR Unbiased	6.4698	6.4859	0.0161
432	3	LDR Unbiased	6.5121	6.5325	0.0204
433	3	LDR Unbiased	6.4286	6.4268	-0.0018
1259	10	LDR Biased	6.4155	6.4395	0.024
1426	10	LDR Biased	6.2748	6.2739	-0.0009
1427	10	LDR Biased	6.5108	6.5575	0.0467
1428	10	LDR Biased	6.4285	6.4524	0.0239
1429	10	LDR Unbiased	6.369	6.3894	0.0204
1430	10	LDR Unbiased	6.5075	6.5227	0.0152
1431	10	LDR Unbiased	6.4698	6.5042	0.0344
1432	10	LDR Unbiased	6.5121	6.5289	0.0168
1433	10	LDR Unbiased	6.4286	6.4292	0.0006
2434	30	LDR Biased	6.3179	6.4203	0.1024
2435	30	LDR Biased	6.3647	6.4184	0.0537
2436	30	LDR Biased	6.3816	6.4621	0.0805
2437	30	LDR Biased	6.3851	6.4429	0.0578
2438	30	LDR Biased	6.457	6.4991	0.0421
2439	30	LDR Unbiased	6.2031	6.2585	0.0554
2440	30	LDR Unbiased	6.2805	6.3341	0.0536
2441	30	LDR Unbiased	6.465	6.5173	0.0523
2443	30	LDR Unbiased	6.3679	6.4157	0.0478
2444	30	LDR Unbiased	6.3797	6.4474	0.0677
3434	50	LDR Biased	6.3179	6.441	0.1231
3435	50	LDR Biased	6.3647	6.4235	0.0588
3436	50	LDR Biased	6.3816	6.4818	0.1002
3437	50	LDR Biased	6.3851	6.4815	0.0964
3438	50	LDR Biased	6.457	6.5097	0.0527
3439	50	LDR Unbiased	6.2031	6.2598	0.0567
3440	50	LDR Unbiased	6.2805	6.3721	0.0916
3441	50	LDR Unbiased	6.465	6.542	0.077
3443	50	LDR Unbiased	6.3679	6.4355	0.0676
3444	50	LDR Unbiased	6.3797	6.4744	0.0947
4434	100	LDR Biased	6.3179	6.4688	0.1509
4435	100	LDR Biased	6.3647	6.4957	0.131
4436	100	LDR Biased	6.3816	6.5254	0.1438
4437	100	LDR Biased	6.3851	6.5613	0.1762
4438	100	LDR Biased	6.457	6.5457	0.0887
4439	100	LDR Unbiased	6.2031	6.3053	0.1022
4440	100	LDR Unbiased	6.2805	6.433	0.1525
4441	100	LDR Unbiased	6.465	6.6182	0.1532
4443	100	LDR Unbiased	6.3679	6.4767	0.1088
4444	100	LDR Unbiased	6.3797	6.5398	0.1601
4500	150	LDR Biased	6.4244	6.6001	0.1757
4501	150	LDR Biased	6.3029	6.4022	0.0993
4502	150	LDR Biased	6.2747	6.4406	0.1659
4503	150	LDR Biased	6.5166	6.5936	0.077
4504	150	LDR Biased	6.5573	6.7869	0.2296
4505	150	LDR Unbiased	6.4495	6.6145	0.165
4506	150	LDR Unbiased	6.5498	6.6418	0.092
4507	150	LDR Unbiased	6.5769	6.745	0.1681
4508	150	LDR Unbiased	6.5168	6.7308	0.214
4509	150	LDR Unbiased	6.4384	6.6307	0.1923

Test Statistics (mA)

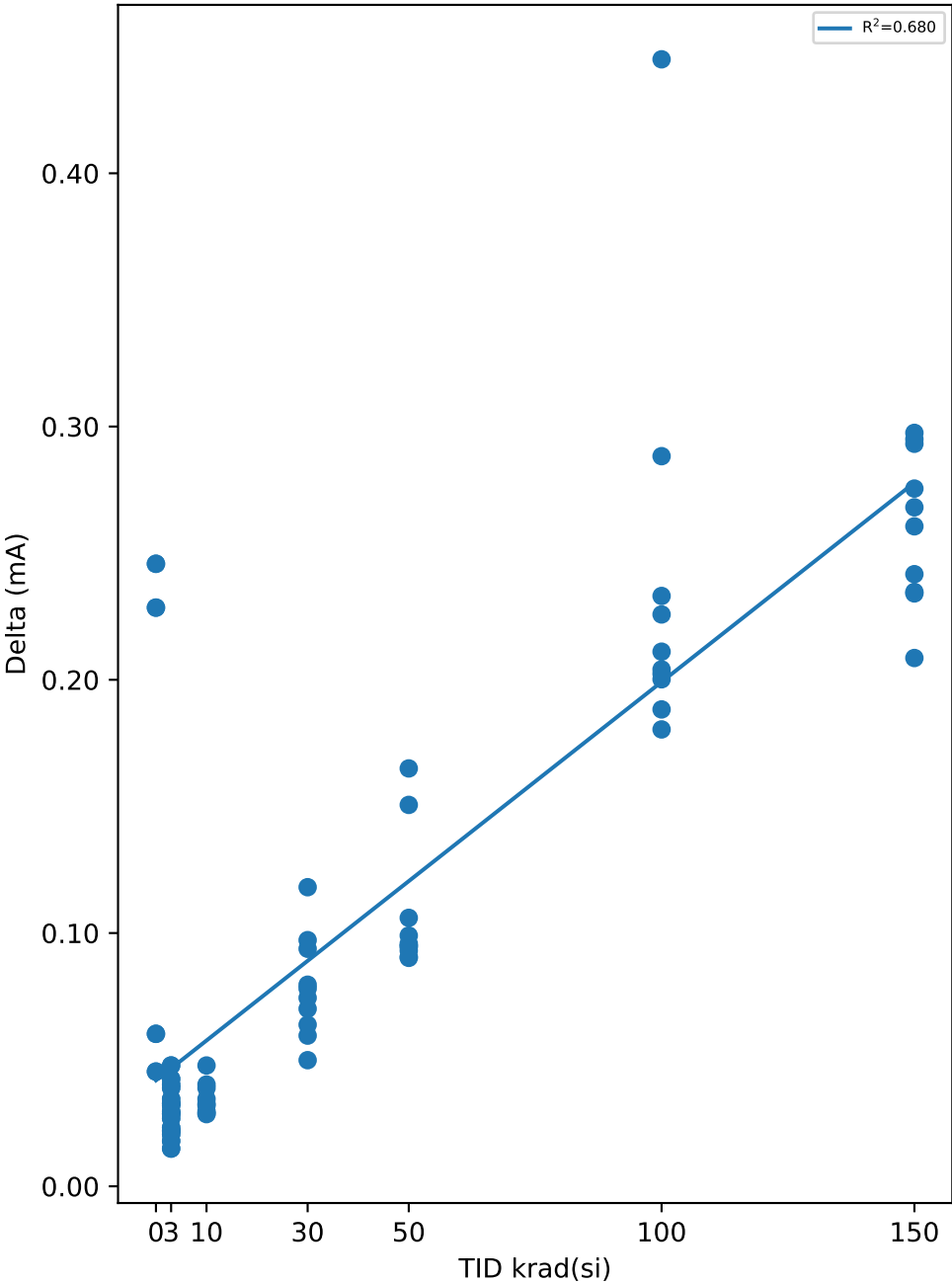
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.3679	6.4164	6.465	0.06866	6.684	6.718	6.7519	0.048013	0.2869	0.3015	0.3161	0.020648
3	6.2748	6.4352	6.5121	0.077975	6.293	6.4521	6.5403	0.079679	-0.0018	0.016967	0.0295	0.0097064
10	6.2748	6.4352	6.5121	0.077975	6.2739	6.4553	6.5575	0.08731	-0.0009	0.020122	0.0467	0.014991
30	6.2031	6.3602	6.465	0.077969	6.2585	6.4216	6.5173	0.076179	0.0421	0.06133	0.1024	0.017934
50	6.2031	6.3602	6.465	0.077969	6.2598	6.4421	6.542	0.079753	0.0527	0.08188	0.1231	0.022974
100	6.2031	6.3602	6.465	0.077969	6.3053	6.497	6.6182	0.085562	0.0887	0.13674	0.1762	0.028258
150	6.2747	6.4607	6.5769	0.10461	6.4022	6.6186	6.7869	0.12341	0.077	0.15789	0.2296	0.051992

Device Test: 37.7 lop HS BOOT PWM 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 6.5 (mA))

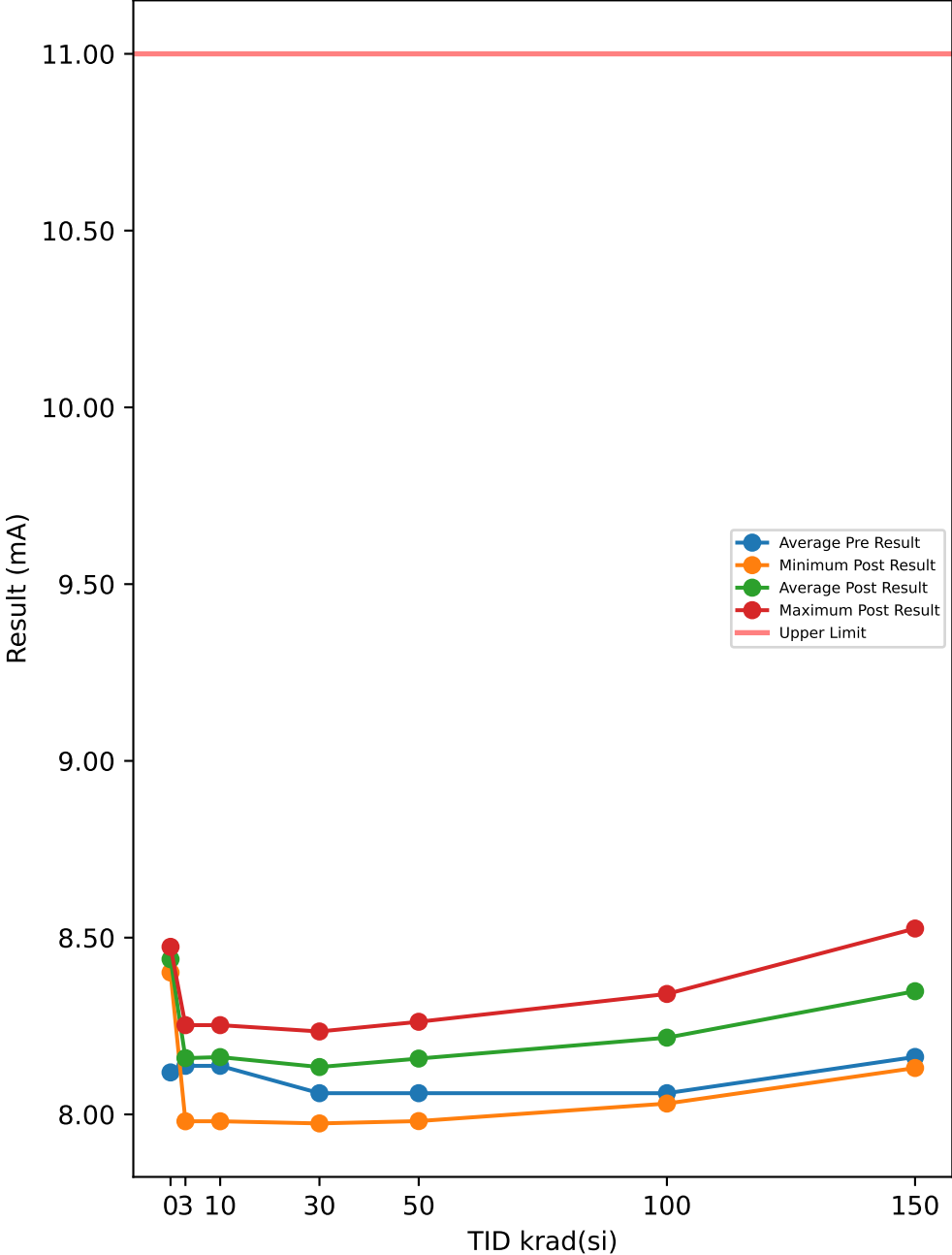
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.5364	4.5966	0.0602
2	0	CORRELATION	4.4819	4.7277	0.2458
259	3	LDR Biased	4.4709	4.4941	0.0232
426	3	LDR Biased	4.384	4.4045	0.0205
427	3	LDR Biased	4.588	4.6097	0.0217
428	3	LDR Biased	4.5941	4.6162	0.0221
429	3	LDR Unbiased	4.3917	4.4185	0.0268
430	3	LDR Unbiased	4.5053	4.5477	0.0424
431	3	LDR Unbiased	4.5879	4.6028	0.0149
432	3	LDR Unbiased	4.532	4.5648	0.0328
433	3	LDR Unbiased	4.63	4.6479	0.0179
1259	10	LDR Biased	4.4709	4.5111	0.0402
1426	10	LDR Biased	4.384	4.4136	0.0296
1427	10	LDR Biased	4.588	4.6165	0.0285
1428	10	LDR Biased	4.5941	4.6267	0.0326
1429	10	LDR Unbiased	4.3917	4.4205	0.0288
1430	10	LDR Unbiased	4.5053	4.5441	0.0388
1431	10	LDR Unbiased	4.5879	4.6198	0.0319
1432	10	LDR Unbiased	4.532	4.5797	0.0477
1433	10	LDR Unbiased	4.63	4.6645	0.0345
2434	30	LDR Biased	4.4219	4.4717	0.0498
2435	30	LDR Biased	4.6825	4.7621	0.0796
2436	30	LDR Biased	4.4533	4.5171	0.0638
2437	30	LDR Biased	4.595	4.6651	0.0701
2438	30	LDR Biased	4.4846	4.6027	0.1181
2439	30	LDR Unbiased	4.5123	4.5718	0.0595
2440	30	LDR Unbiased	4.4502	4.5246	0.0744
2441	30	LDR Unbiased	4.5364	4.6336	0.0972
2443	30	LDR Unbiased	4.4819	4.5757	0.0938
2444	30	LDR Unbiased	4.4924	4.5705	0.0781
3434	50	LDR Biased	4.4219	4.515	0.0931
3435	50	LDR Biased	4.6825	4.7783	0.0958
3436	50	LDR Biased	4.4533	4.5523	0.099
3437	50	LDR Biased	4.595	4.6856	0.0906
3438	50	LDR Biased	4.4846	4.6496	0.165
3439	50	LDR Unbiased	4.5123	4.6025	0.0902
3440	50	LDR Unbiased	4.4502	4.5562	0.106
3441	50	LDR Unbiased	4.5364	4.687	0.1506
3443	50	LDR Unbiased	4.4819	4.5767	0.0948
3444	50	LDR Unbiased	4.4924	4.5872	0.0948
4434	100	LDR Biased	4.4219	4.8669	0.445
4435	100	LDR Biased	4.6825	4.8866	0.2041
4436	100	LDR Biased	4.4533	4.6535	0.2002
4437	100	LDR Biased	4.595	4.8061	0.2111
4438	100	LDR Biased	4.4846	4.7729	0.2883
4439	100	LDR Unbiased	4.5123	4.6927	0.1804
4440	100	LDR Unbiased	4.4502	4.6526	0.2024
4441	100	LDR Unbiased	4.5364	4.7695	0.2331
4443	100	LDR Unbiased	4.4819	4.7077	0.2258
4444	100	LDR Unbiased	4.4924	4.6807	0.1883
4500	150	LDR Biased	4.468	4.7612	0.2932
4501	150	LDR Biased	4.3867	4.6214	0.2347
4502	150	LDR Biased	4.4896	4.7846	0.295
4503	150	LDR Biased	4.525	4.7856	0.2606
4504	150	LDR Biased	4.5409	4.809	0.2681
4505	150	LDR Unbiased	4.5265	4.802	0.2755
4506	150	LDR Unbiased	4.4894	4.7235	0.2341
4507	150	LDR Unbiased	4.6315	4.8401	0.2086
4508	150	LDR Unbiased	4.6022	4.8439	0.2417
4509	150	LDR Unbiased	4.3505	4.648	0.2975

Test Statistics (mA)

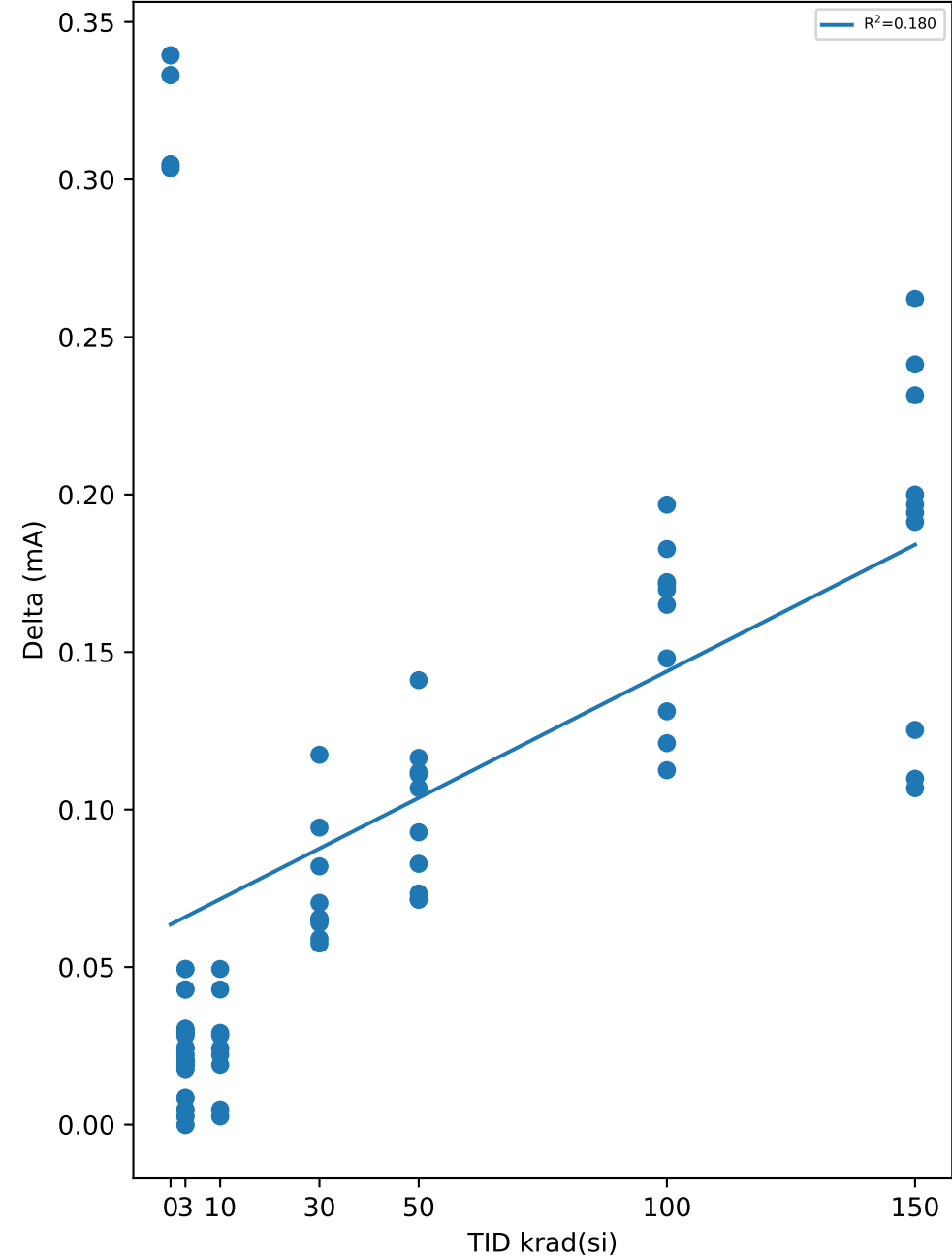
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.4819	4.5091	4.5364	0.038537	4.5966	4.6621	4.7277	0.092702	0.0602	0.153	0.2458	0.13124
3	4.384	4.5204	4.63	0.089827	4.4045	4.5451	4.6479	0.087975	0.0149	0.0247	0.0424	0.0083759
10	4.384	4.5204	4.63	0.089827	4.4136	4.5552	4.6645	0.090728	0.0285	0.034733	0.0477	0.0063992
30	4.4219	4.5111	4.6825	0.077438	4.4717	4.5895	4.7621	0.082879	0.0498	0.07844	0.1181	0.020115
50	4.4219	4.5111	4.6825	0.077438	4.515	4.619	4.7783	0.080037	0.0902	0.10799	0.165	0.026849
100	4.4219	4.5111	4.6825	0.077438	4.6526	4.7489	4.8866	0.085009	0.1804	0.23787	0.445	0.078817
150	4.3505	4.501	4.6315	0.086383	4.6214	4.7619	4.8439	0.075961	0.2086	0.2609	0.2975	0.030404

Device Test: 37.8 lop LS VIN PWM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 11.0 (mA))

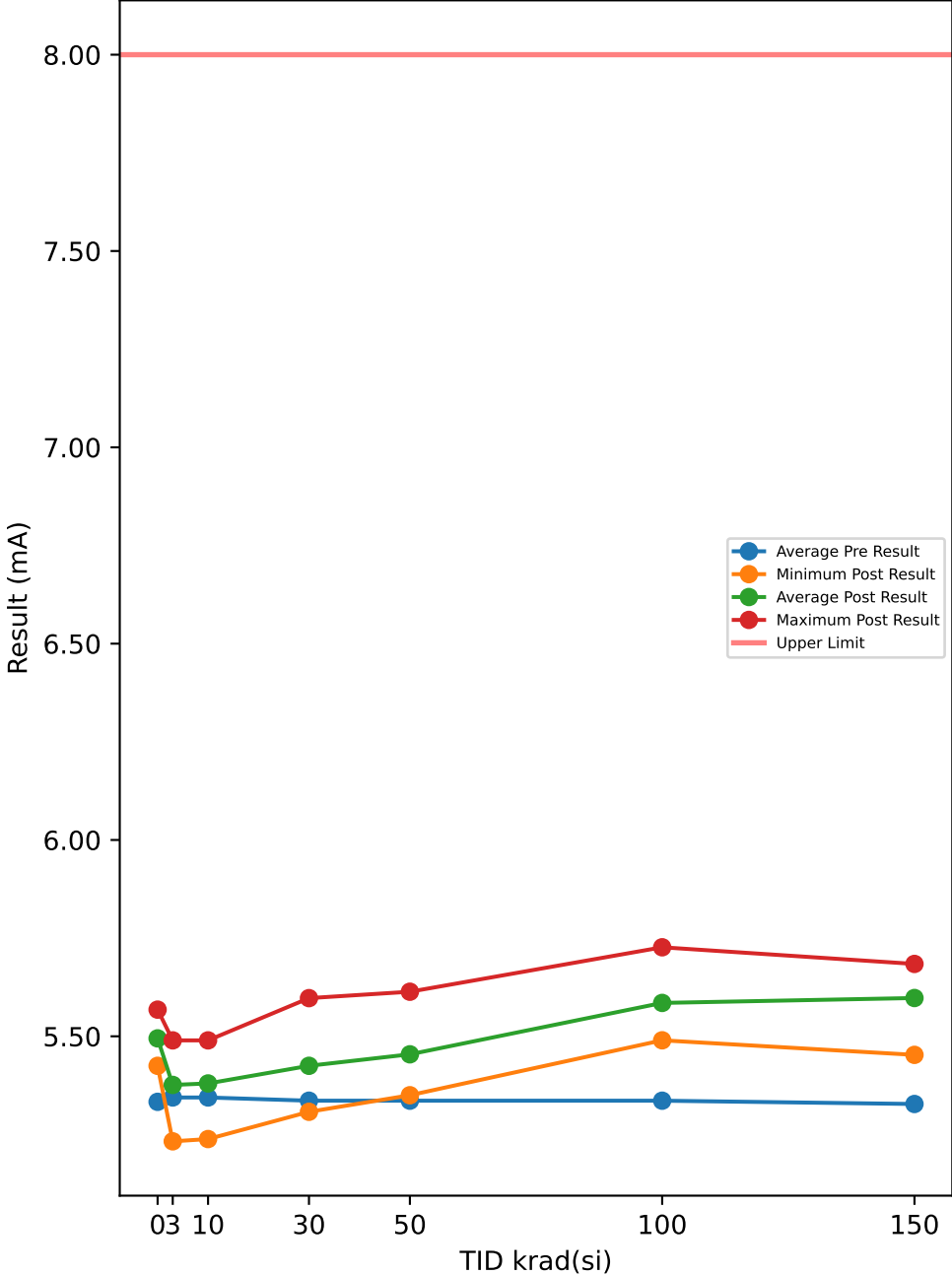
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	8.1692	8.474	0.3048
2	0	CORRELATION	8.0683	8.4077	0.3394
259	3	LDR Biased	8.1253	8.1338	0.0085
426	3	LDR Biased	7.978	7.9983	0.0203
427	3	LDR Biased	8.2031	8.2335	0.0304
428	3	LDR Biased	8.1319	8.1496	0.0177
429	3	LDR Unbiased	8.0591	8.0887	0.0296
430	3	LDR Unbiased	8.207	8.2276	0.0206
431	3	LDR Unbiased	8.171	8.1901	0.0191
432	3	LDR Unbiased	8.2197	8.2441	0.0244
433	3	LDR Unbiased	8.1415	8.1414	-0.0001
1259	10	LDR Biased	8.1253	8.1536	0.0283
1426	10	LDR Biased	7.978	7.9806	0.0026
1427	10	LDR Biased	8.2031	8.2525	0.0494
1428	10	LDR Biased	8.1319	8.161	0.0291
1429	10	LDR Unbiased	8.0591	8.0833	0.0242
1430	10	LDR Unbiased	8.207	8.226	0.019
1431	10	LDR Unbiased	8.171	8.2139	0.0429
1432	10	LDR Unbiased	8.2197	8.2419	0.0222
1433	10	LDR Unbiased	8.1415	8.1463	0.0048
2434	30	LDR Biased	8.0147	8.1321	0.1174
2435	30	LDR Biased	8.0617	8.127	0.0653
2436	30	LDR Biased	8.0807	8.175	0.0943
2437	30	LDR Biased	8.0798	8.1502	0.0704
2438	30	LDR Biased	8.1592	8.2167	0.0575
2439	30	LDR Unbiased	7.9096	7.9745	0.0649
2440	30	LDR Unbiased	7.9723	8.0363	0.064
2441	30	LDR Unbiased	8.1692	8.2346	0.0654
2443	30	LDR Unbiased	8.0683	8.1273	0.059
2444	30	LDR Unbiased	8.0845	8.1665	0.082
3434	50	LDR Biased	8.0147	8.1558	0.1411
3435	50	LDR Biased	8.0617	8.1331	0.0714
3436	50	LDR Biased	8.0807	8.1971	0.1164
3437	50	LDR Biased	8.0798	8.191	0.1112
3438	50	LDR Biased	8.1592	8.2326	0.0734
3439	50	LDR Unbiased	7.9096	7.9811	0.0715
3440	50	LDR Unbiased	7.9723	8.0791	0.1068
3441	50	LDR Unbiased	8.1692	8.262	0.0928
3443	50	LDR Unbiased	8.0683	8.1511	0.0828
3444	50	LDR Unbiased	8.0845	8.1964	0.1119
4434	100	LDR Biased	8.0147	8.1869	0.1722
4435	100	LDR Biased	8.0617	8.2097	0.148
4436	100	LDR Biased	8.0807	8.2457	0.165
4437	100	LDR Biased	8.0798	8.2766	0.1968
4438	100	LDR Biased	8.1592	8.2717	0.1125
4439	100	LDR Unbiased	7.9096	8.0307	0.1211
4440	100	LDR Unbiased	7.9723	8.1421	0.1698
4441	100	LDR Unbiased	8.1692	8.3407	0.1715
4443	100	LDR Unbiased	8.0683	8.1995	0.1312
4444	100	LDR Unbiased	8.0845	8.2672	0.1827
4500	150	LDR Biased	8.1163	8.3163	0.2
4501	150	LDR Biased	8.006	8.1313	0.1253
4502	150	LDR Biased	7.9849	8.1762	0.1913
4503	150	LDR Biased	8.2205	8.3303	0.1098
4504	150	LDR Biased	8.2637	8.5258	0.2621
4505	150	LDR Unbiased	8.1471	8.3413	0.1942
4506	150	LDR Unbiased	8.2584	8.3652	0.1068
4507	150	LDR Unbiased	8.2687	8.4655	0.1968
4508	150	LDR Unbiased	8.216	8.4573	0.2413
4509	150	LDR Unbiased	8.1436	8.3751	0.2315

Test Statistics (mA)

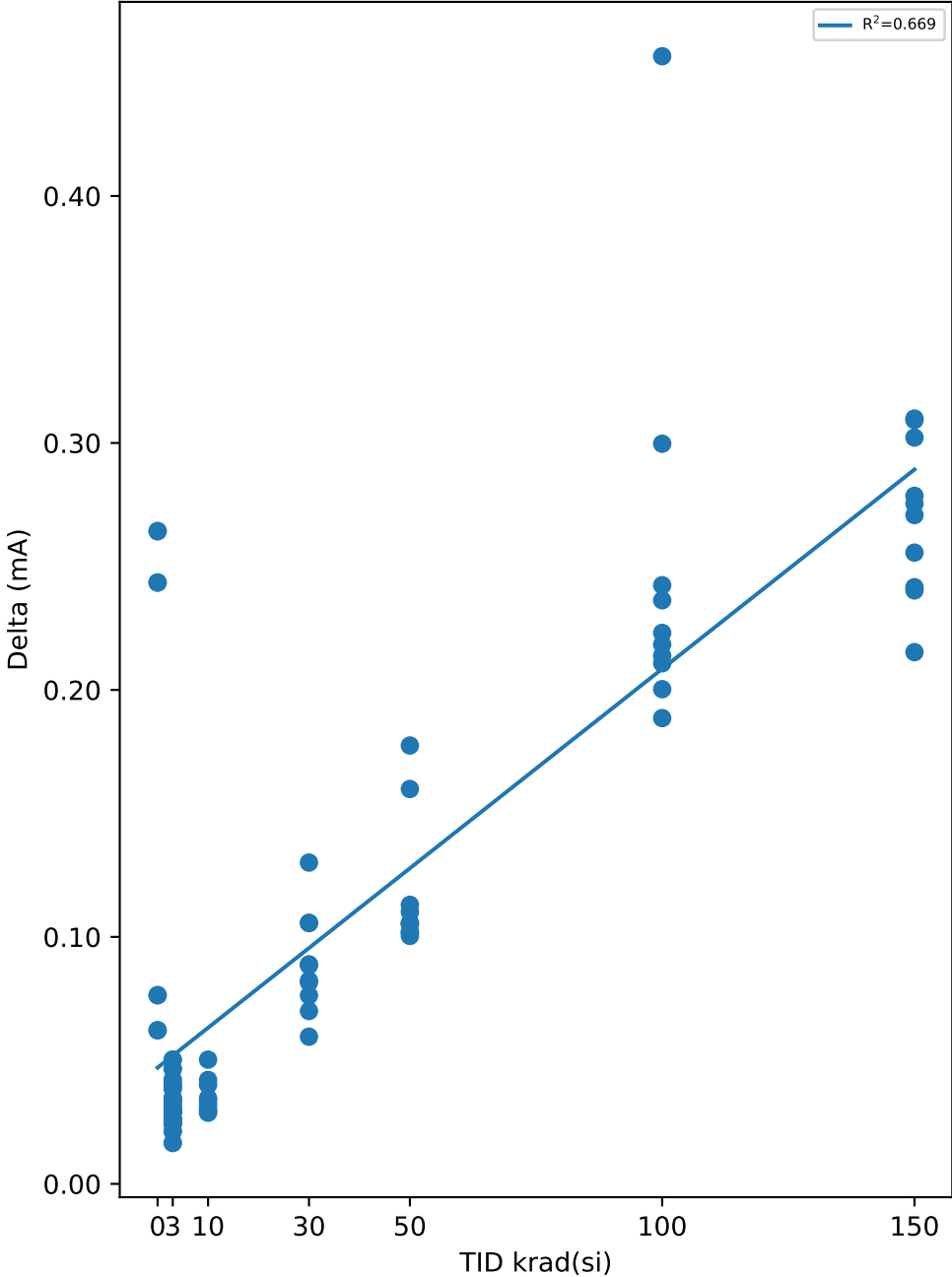
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.0683	8.1188	8.1692	0.071347	8.4077	8.4409	8.474	0.046881	0.3048	0.3221	0.3394	0.024466
3	7.978	8.1374	8.2197	0.078099	7.9983	8.1563	8.2441	0.079216	-0.0001	0.018944	0.0304	0.0096983
10	7.978	8.1374	8.2197	0.078099	7.9806	8.1621	8.2525	0.087165	0.0026	0.024722	0.0494	0.015399
30	7.9096	8.06	8.1692	0.078614	7.9745	8.134	8.2346	0.078204	0.0575	0.07402	0.1174	0.018863
50	7.9096	8.06	8.1692	0.078614	7.9811	8.1579	8.262	0.080736	0.0714	0.09793	0.1411	0.023367
100	7.9096	8.06	8.1692	0.078614	8.0307	8.2171	8.3407	0.086135	0.1125	0.15708	0.1968	0.027747
150	7.9849	8.1625	8.2687	0.10312	8.1313	8.3484	8.5258	0.12303	0.1068	0.18591	0.2621	0.054864

Device Test: 37.9 Iop HS BOOT PWM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 8.0 (mA))

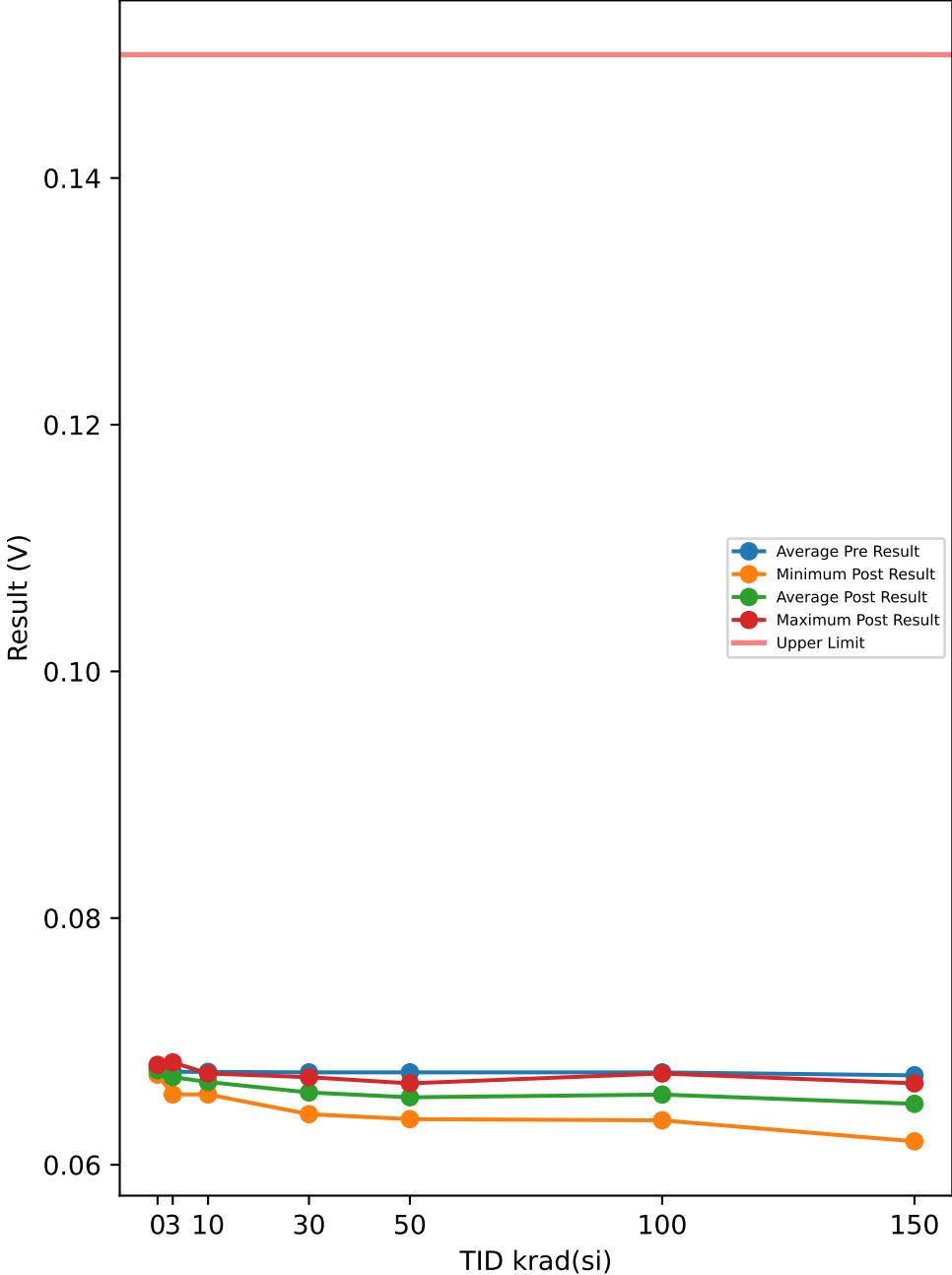
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.3626	5.439	0.0764
2	0	CORRELATION	5.3036	5.5679	0.2643
259	3	LDR Biased	5.2998	5.3262	0.0264
426	3	LDR Biased	5.2079	5.2325	0.0246
427	3	LDR Biased	5.4061	5.4322	0.0261
428	3	LDR Biased	5.4152	5.4395	0.0243
429	3	LDR Unbiased	5.2121	5.2418	0.0297
430	3	LDR Unbiased	5.331	5.3776	0.0466
431	3	LDR Unbiased	5.4148	5.4314	0.0166
432	3	LDR Unbiased	5.3558	5.3944	0.0386
433	3	LDR Unbiased	5.4549	5.4762	0.0213
1259	10	LDR Biased	5.2998	5.3419	0.0421
1426	10	LDR Biased	5.2079	5.2383	0.0304
1427	10	LDR Biased	5.4061	5.4354	0.0293
1428	10	LDR Biased	5.4152	5.449	0.0338
1429	10	LDR Unbiased	5.2121	5.2409	0.0288
1430	10	LDR Unbiased	5.331	5.3711	0.0401
1431	10	LDR Unbiased	5.4148	5.4469	0.0321
1432	10	LDR Unbiased	5.3558	5.4061	0.0503
1433	10	LDR Unbiased	5.4549	5.4896	0.0347
2434	30	LDR Biased	5.2481	5.3077	0.0596
2435	30	LDR Biased	5.5083	5.5972	0.0889
2436	30	LDR Biased	5.276	5.3523	0.0763
2437	30	LDR Biased	5.4199	5.5015	0.0816
2438	30	LDR Biased	5.3065	5.4366	0.1301
2439	30	LDR Unbiased	5.3351	5.4051	0.07
2440	30	LDR Unbiased	5.2791	5.3614	0.0823
2441	30	LDR Unbiased	5.3626	5.4683	0.1057
2443	30	LDR Unbiased	5.3036	5.4092	0.1056
2444	30	LDR Unbiased	5.3207	5.4092	0.0885
3434	50	LDR Biased	5.2481	5.3499	0.1018
3435	50	LDR Biased	5.5083	5.6135	0.1052
3436	50	LDR Biased	5.276	5.3861	0.1101
3437	50	LDR Biased	5.4199	5.522	0.1021
3438	50	LDR Biased	5.3065	5.484	0.1775
3439	50	LDR Unbiased	5.3351	5.4355	0.1004
3440	50	LDR Unbiased	5.2791	5.3921	0.113
3441	50	LDR Unbiased	5.3626	5.5225	0.1599
3443	50	LDR Unbiased	5.3036	5.4089	0.1053
3444	50	LDR Unbiased	5.3207	5.4264	0.1057
4434	100	LDR Biased	5.2481	5.7047	0.4566
4435	100	LDR Biased	5.5083	5.7267	0.2184
4436	100	LDR Biased	5.276	5.4898	0.2138
4437	100	LDR Biased	5.4199	5.643	0.2231
4438	100	LDR Biased	5.3065	5.6062	0.2997
4439	100	LDR Unbiased	5.3351	5.5237	0.1886
4440	100	LDR Unbiased	5.2791	5.4899	0.2108
4441	100	LDR Unbiased	5.3626	5.605	0.2424
4443	100	LDR Unbiased	5.3036	5.5399	0.2363
4444	100	LDR Unbiased	5.3207	5.521	0.2003
4500	150	LDR Biased	5.2895	5.5917	0.3022
4501	150	LDR Biased	5.2111	5.4527	0.2416
4502	150	LDR Biased	5.3181	5.6274	0.3093
4503	150	LDR Biased	5.3527	5.6235	0.2708
4504	150	LDR Biased	5.3691	5.6446	0.2755
4505	150	LDR Unbiased	5.3563	5.6349	0.2786
4506	150	LDR Unbiased	5.3201	5.5604	0.2403
4507	150	LDR Unbiased	5.4572	5.6725	0.2153
4508	150	LDR Unbiased	5.4287	5.6843	0.2556
4509	150	LDR Unbiased	5.173	5.4829	0.3099

Test Statistics (mA)

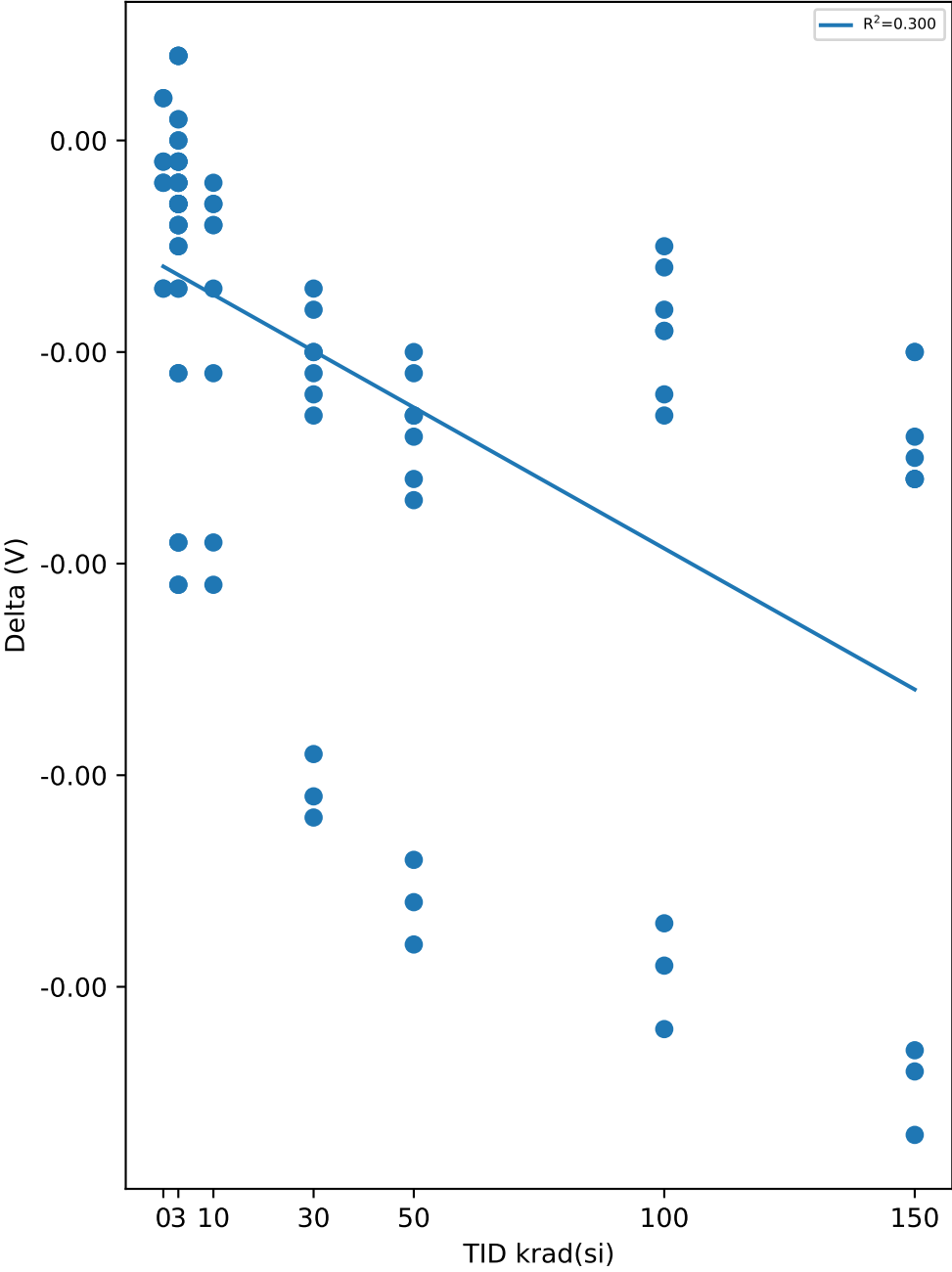
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.3036	5.3331	5.3626	0.041719	5.439	5.5034	5.5679	0.091146	0.0764	0.17035	0.2643	0.13287
3	5.2079	5.3442	5.4549	0.089736	5.2325	5.3724	5.4762	0.087755	0.0166	0.028244	0.0466	0.0091306
10	5.2079	5.3442	5.4549	0.089736	5.2383	5.3799	5.4896	0.0908	0.0288	0.035733	0.0503	0.0071388
30	5.2481	5.336	5.5083	0.077569	5.3077	5.4249	5.5972	0.082663	0.0596	0.08886	0.1301	0.020358
50	5.2481	5.336	5.5083	0.077569	5.3499	5.4541	5.6135	0.080328	0.1004	0.1181	0.1775	0.027253
100	5.2481	5.336	5.5083	0.077569	5.4898	5.585	5.7267	0.086033	0.1886	0.249	0.4566	0.079021
150	5.173	5.3276	5.4572	0.087727	5.4527	5.5975	5.6843	0.077357	0.2153	0.26991	0.3099	0.031913

Device Test: 45.0 VOL LO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



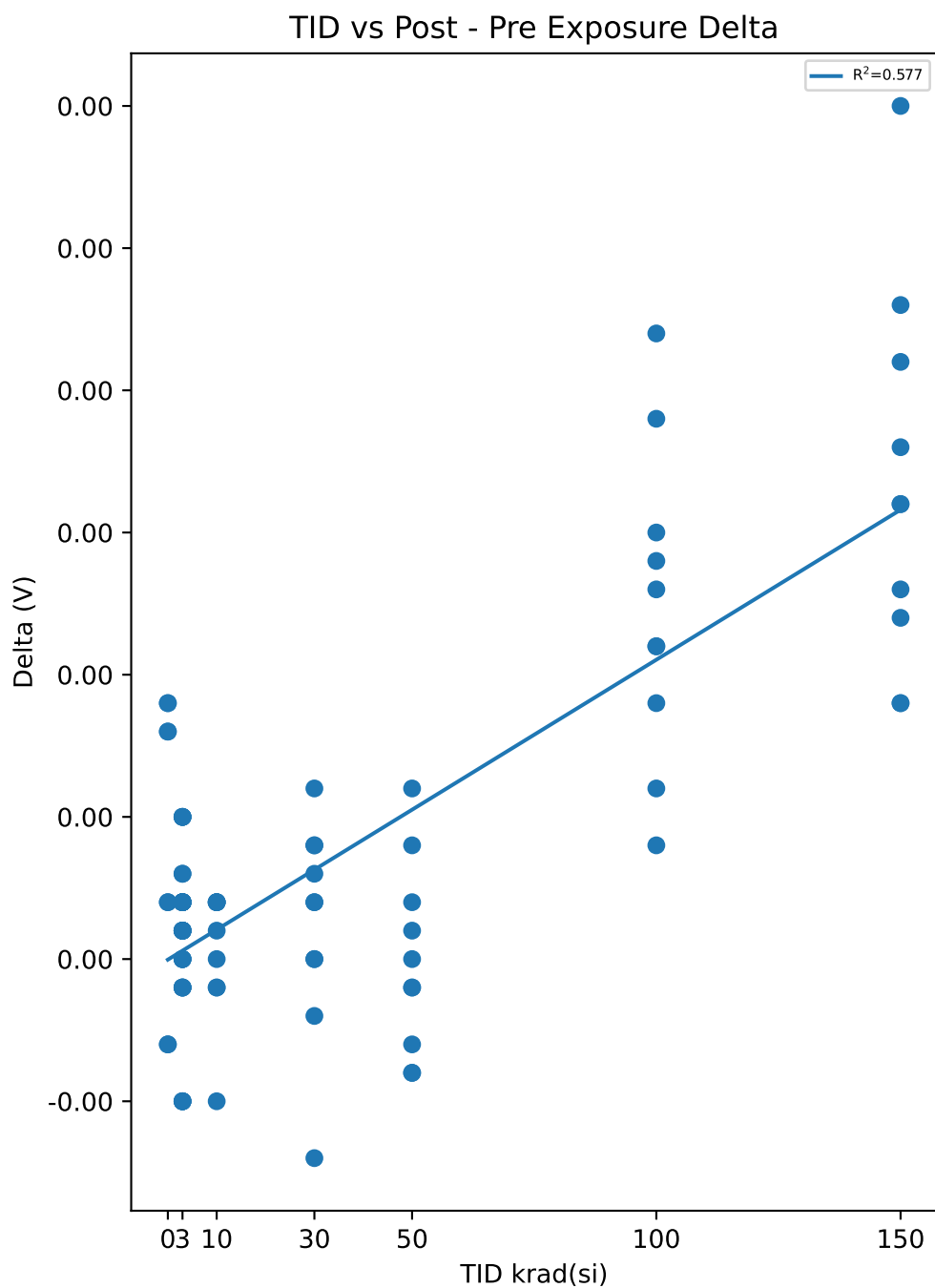
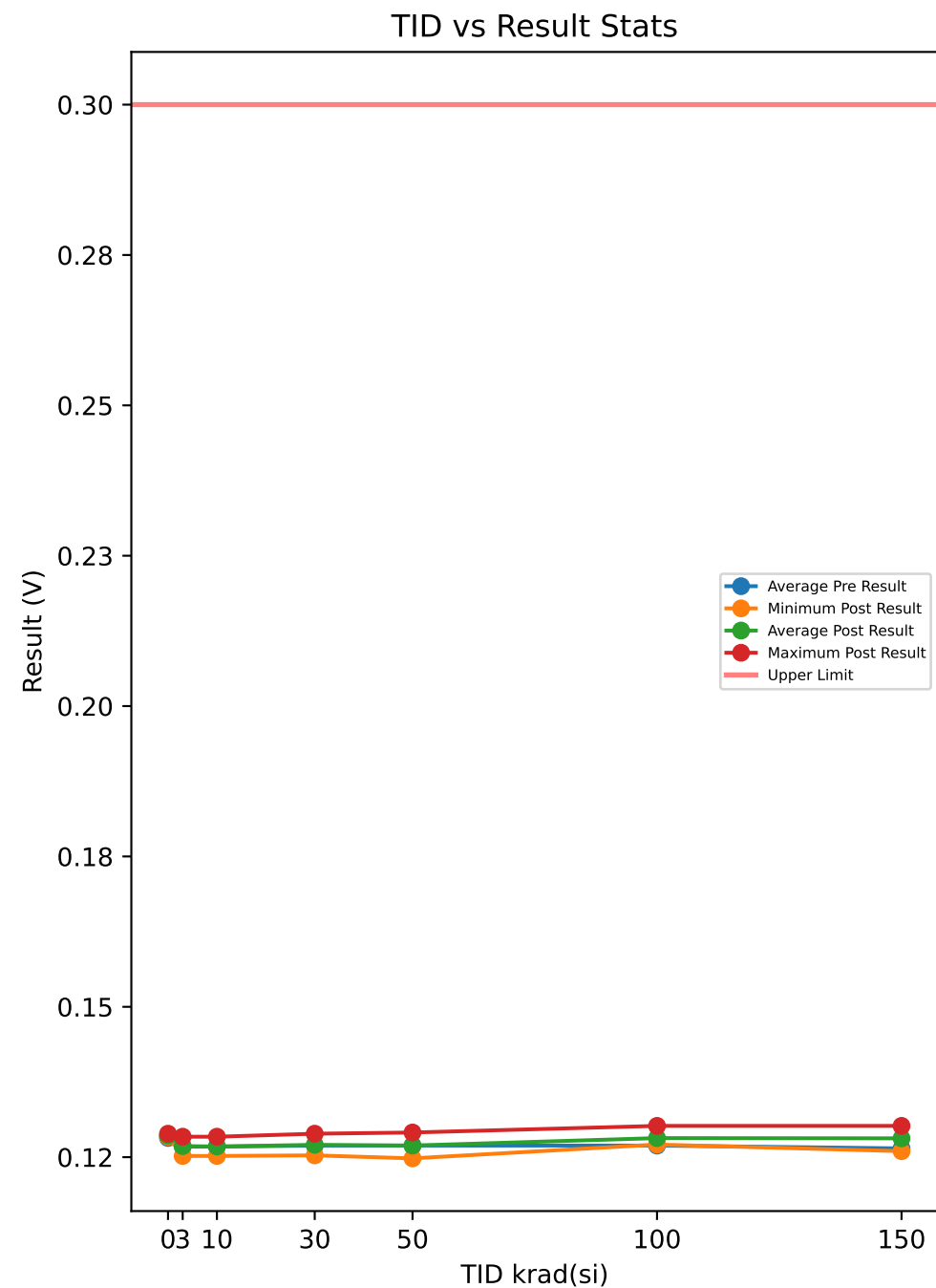
Test Results (Upper Limit = 0.15 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.0674	0.0676	0.0002
2	0	CORRELATION	0.0683	0.0681	-0.0002
259	3	LDR Biased	0.0668	0.0665	-0.0003
426	3	LDR Biased	0.0679	0.0674	-0.0005
427	3	LDR Biased	0.0685	0.0683	-0.0002
428	3	LDR Biased	0.0677	0.0677	0
429	3	LDR Unbiased	0.0677	0.0678	0.0001
430	3	LDR Unbiased	0.0669	0.0673	0.0004
431	3	LDR Unbiased	0.0676	0.0675	-0.0001
432	3	LDR Unbiased	0.0678	0.0682	0.0004
433	3	LDR Unbiased	0.0669	0.0668	-0.0001
1259	10	LDR Biased	0.0668	0.0657	-0.0011
1426	10	LDR Biased	0.0679	0.0658	-0.0021
1427	10	LDR Biased	0.0685	0.0666	-0.0019
1428	10	LDR Biased	0.0677	0.0674	-0.0003
1429	10	LDR Unbiased	0.0677	0.067	-0.0007
1430	10	LDR Unbiased	0.0669	0.0667	-0.0002
1431	10	LDR Unbiased	0.0676	0.0672	-0.0004
1432	10	LDR Unbiased	0.0678	0.0674	-0.0004
1433	10	LDR Unbiased	0.0669	0.0666	-0.0003
2434	30	LDR Biased	0.0678	0.0667	-0.0011
2435	30	LDR Biased	0.0682	0.0651	-0.0031
2436	30	LDR Biased	0.0673	0.0641	-0.0032
2437	30	LDR Biased	0.0679	0.065	-0.0029
2438	30	LDR Biased	0.067	0.0657	-0.0013
2439	30	LDR Unbiased	0.0671	0.0661	-0.001
2440	30	LDR Unbiased	0.0672	0.0665	-0.0007
2441	30	LDR Unbiased	0.0674	0.0666	-0.0008
2443	30	LDR Unbiased	0.0683	0.0671	-0.0012
2444	30	LDR Unbiased	0.0667	0.0657	-0.001
3434	50	LDR Biased	0.0678	0.0664	-0.0014
3435	50	LDR Biased	0.0682	0.0644	-0.0038
3436	50	LDR Biased	0.0673	0.0637	-0.0036
3437	50	LDR Biased	0.0679	0.0645	-0.0034
3438	50	LDR Biased	0.067	0.0657	-0.0013
3439	50	LDR Unbiased	0.0671	0.0658	-0.0013
3440	50	LDR Unbiased	0.0672	0.0656	-0.0016
3441	50	LDR Unbiased	0.0674	0.0664	-0.001
3443	50	LDR Unbiased	0.0683	0.0666	-0.0017
3444	50	LDR Unbiased	0.0667	0.0656	-0.0011
4434	100	LDR Biased	0.0678	0.0665	-0.0013
4435	100	LDR Biased	0.0682	0.064	-0.0042
4436	100	LDR Biased	0.0673	0.0636	-0.0037
4437	100	LDR Biased	0.0679	0.064	-0.0039
4438	100	LDR Biased	0.067	0.0658	-0.0012
4439	100	LDR Unbiased	0.0671	0.0662	-0.0009
4440	100	LDR Unbiased	0.0672	0.0664	-0.0008
4441	100	LDR Unbiased	0.0674	0.0668	-0.0006
4443	100	LDR Unbiased	0.0683	0.0674	-0.0009
4444	100	LDR Unbiased	0.0667	0.0662	-0.0005
4500	150	LDR Biased	0.0678	0.0631	-0.0047
4501	150	LDR Biased	0.067	0.0654	-0.0016
4502	150	LDR Biased	0.0663	0.0619	-0.0044
4503	150	LDR Biased	0.0668	0.0658	-0.001
4504	150	LDR Biased	0.0664	0.0621	-0.0043
4505	150	LDR Unbiased	0.0679	0.0665	-0.0014
4506	150	LDR Unbiased	0.0677	0.0661	-0.0016
4507	150	LDR Unbiased	0.0681	0.0666	-0.0015
4508	150	LDR Unbiased	0.068	0.0664	-0.0016
4509	150	LDR Unbiased	0.0665	0.0655	-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	0.0674	0.06785	0.0683	0.0006364	0.0676	0.06785	0.0681	0.00035355	-0.0002	-6.9389e-18	0.0002	0.00028284
3	0.0668	0.067533	0.0685	0.00056347	0.0665	0.0675	0.0683	0.00059161	-0.0005	-3.3333e-05	0.0004	0.0003
10	0.0668	0.067533	0.0685	0.00056347	0.0657	0.066711	0.0674	0.00062738	-0.0021	-0.00082222	-0.0002	0.00072246
30	0.0667	0.06749	0.0683	0.00053427	0.0641	0.06586	0.0671	0.0009264	-0.0032	-0.00163	-0.0007	0.0010089
50	0.0667	0.06749	0.0683	0.00053427	0.0637	0.06547	0.0666	0.0009673	-0.0038	-0.00202	-0.001	0.0011134
100	0.0667	0.06749	0.0683	0.00053427	0.0636	0.06569	0.0674	0.0013304	-0.0042	-0.0018	-0.0005	0.0014959
150	0.0663	0.06725	0.0681	0.00071995	0.0619	0.06494	0.0666	0.0018446	-0.0047	-0.00231	-0.001	0.0015081

Device Test: 45.2 V_{OH} Delta LO VIN_10V

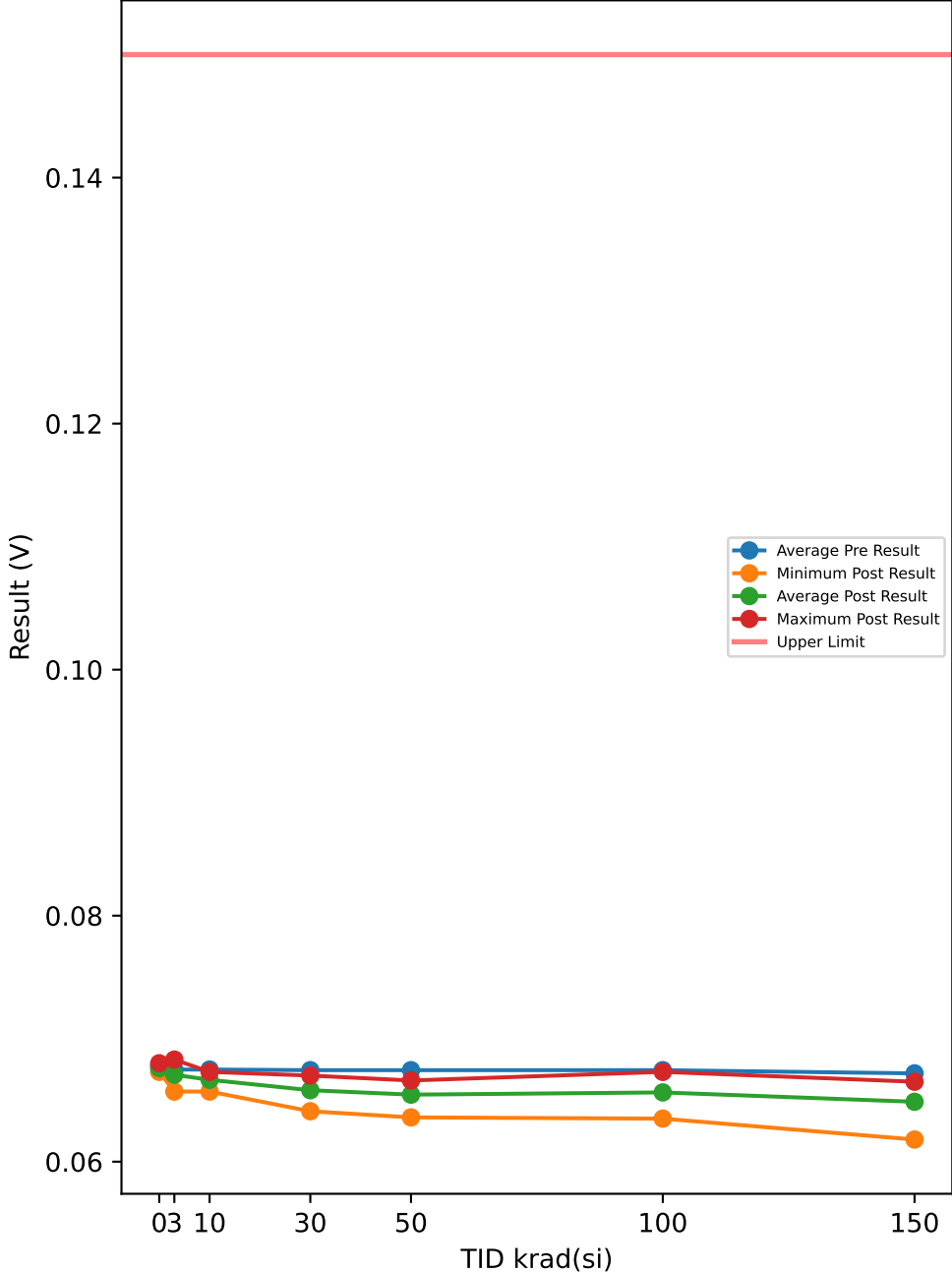


Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.1287	0.1289	0.0002
2	0	CORRELATION	0.1277	0.1286	0.0009
259	3	LDR Biased	0.1272	0.1272	0
426	3	LDR Biased	0.1257	0.126	0.0003
427	3	LDR Biased	0.1263	0.1268	0.0005
428	3	LDR Biased	0.1252	0.1253	0.0001
429	3	LDR Unbiased	0.1255	0.1256	0.0001
430	3	LDR Unbiased	0.1274	0.1276	0.0002
431	3	LDR Unbiased	0.1285	0.128	-0.0005
432	3	LDR Unbiased	0.1278	0.1283	0.0005
433	3	LDR Unbiased	0.1272	0.1273	0.0001
1259	10	LDR Biased	0.1272	0.1274	0.0002
1426	10	LDR Biased	0.1257	0.1252	-0.0005
1427	10	LDR Biased	0.1263	0.1263	0
1428	10	LDR Biased	0.1252	0.1253	0.0001
1429	10	LDR Unbiased	0.1255	0.1257	0.0002
1430	10	LDR Unbiased	0.1274	0.1273	-0.0001
1431	10	LDR Unbiased	0.1285	0.1284	-0.0001
1432	10	LDR Unbiased	0.1278	0.128	0.0002
1433	10	LDR Unbiased	0.1272	0.1274	0.0002
2434	30	LDR Biased	0.1264	0.1268	0.0004
2435	30	LDR Biased	0.1272	0.127	-0.0002
2436	30	LDR Biased	0.1278	0.1271	-0.0007
2437	30	LDR Biased	0.1271	0.1271	0
2438	30	LDR Biased	0.1268	0.127	0.0002
2439	30	LDR Unbiased	0.1249	0.1253	0.0004
2440	30	LDR Unbiased	0.1257	0.1263	0.0006
2441	30	LDR Unbiased	0.1287	0.1289	0.0002
2443	30	LDR Unbiased	0.1277	0.128	0.0003
2444	30	LDR Unbiased	0.127	0.127	0
3434	50	LDR Biased	0.1264	0.127	0.0006
3435	50	LDR Biased	0.1272	0.1268	-0.0004
3436	50	LDR Biased	0.1278	0.1274	-0.0004
3437	50	LDR Biased	0.1271	0.1272	0.0001
3438	50	LDR Biased	0.1268	0.1268	0
3439	50	LDR Unbiased	0.1249	0.1248	-0.0001
3440	50	LDR Unbiased	0.1257	0.1256	-0.0001
3441	50	LDR Unbiased	0.1287	0.1291	0.0004
3443	50	LDR Unbiased	0.1277	0.1274	-0.0003
3444	50	LDR Unbiased	0.127	0.1272	0.0002
4434	100	LDR Biased	0.1264	0.1275	0.0011
4435	100	LDR Biased	0.1272	0.1276	0.0004
4436	100	LDR Biased	0.1278	0.1284	0.0006
4437	100	LDR Biased	0.1271	0.128	0.0009
4438	100	LDR Biased	0.1268	0.1279	0.0011
4439	100	LDR Unbiased	0.1249	0.1271	0.0022
4440	100	LDR Unbiased	0.1257	0.1271	0.0014
4441	100	LDR Unbiased	0.1287	0.1302	0.0015
4443	100	LDR Unbiased	0.1277	0.129	0.0013
4444	100	LDR Unbiased	0.127	0.1289	0.0019
4500	150	LDR Biased	0.1251	0.126	0.0009
4501	150	LDR Biased	0.1257	0.1273	0.0016
4502	150	LDR Biased	0.1263	0.1275	0.0012
4503	150	LDR Biased	0.1279	0.1302	0.0023
4504	150	LDR Biased	0.1285	0.1294	0.0009
4505	150	LDR Unbiased	0.1262	0.128	0.0018
4506	150	LDR Unbiased	0.1262	0.1292	0.003
4507	150	LDR Unbiased	0.1269	0.1285	0.0016
4508	150	LDR Unbiased	0.1263	0.1276	0.0013
4509	150	LDR Unbiased	0.1255	0.1276	0.0021

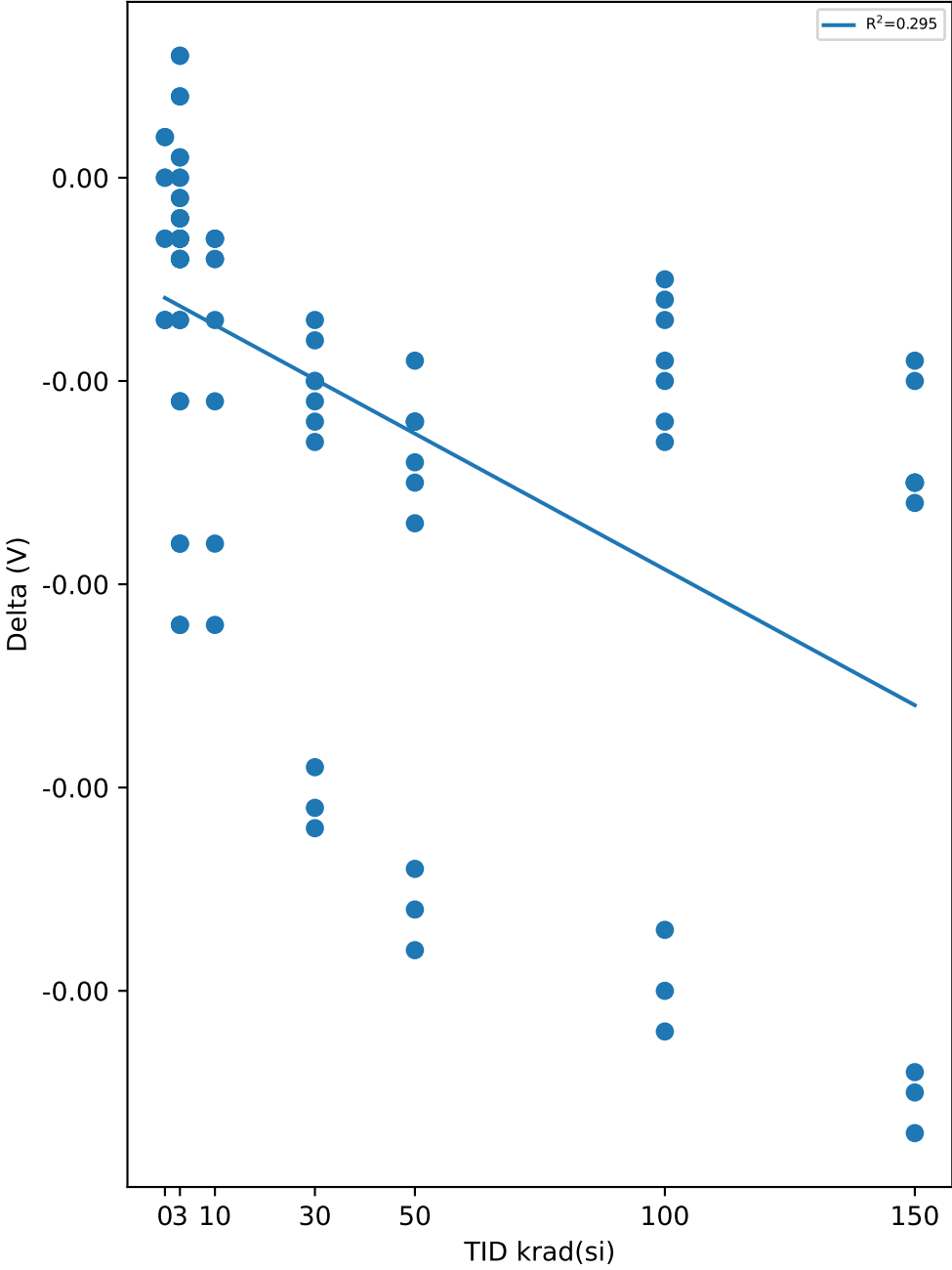
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.1277	0.1282	0.1287	0.00070711	0.1286	0.12875	0.1289	0.00021213	0.0002	0.00055	0.0009	0.00049497
3	0.1252	0.12676	0.1285	0.0011326	0.1253	0.1269	0.1283	0.0010595	-0.0005	0.00014444	0.0005	0.00030046
10	0.1252	0.12676	0.1285	0.0011326	0.1252	0.12678	0.1284	0.0011851	-0.0005	2.2222e-05	0.0002	0.00023333
30	0.1249	0.12693	0.1287	0.0010812	0.1253	0.12705	0.1289	0.00094428	-0.0007	0.00012	0.0006	0.00037059
50	0.1249	0.12693	0.1287	0.0010812	0.1248	0.12693	0.1291	0.0011373	-0.0004	-1.3878e-18	0.0006	0.00033333
100	0.1249	0.12693	0.1287	0.0010812	0.1271	0.12817	0.1302	0.00097531	0.0004	0.00124	0.0022	0.00055015
150	0.1251	0.12646	0.1285	0.0010522	0.126	0.12813	0.1302	0.0012193	0.0009	0.00167	0.003	0.00066005

Device Test: 46.0 VOL LO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 0.15 (V))

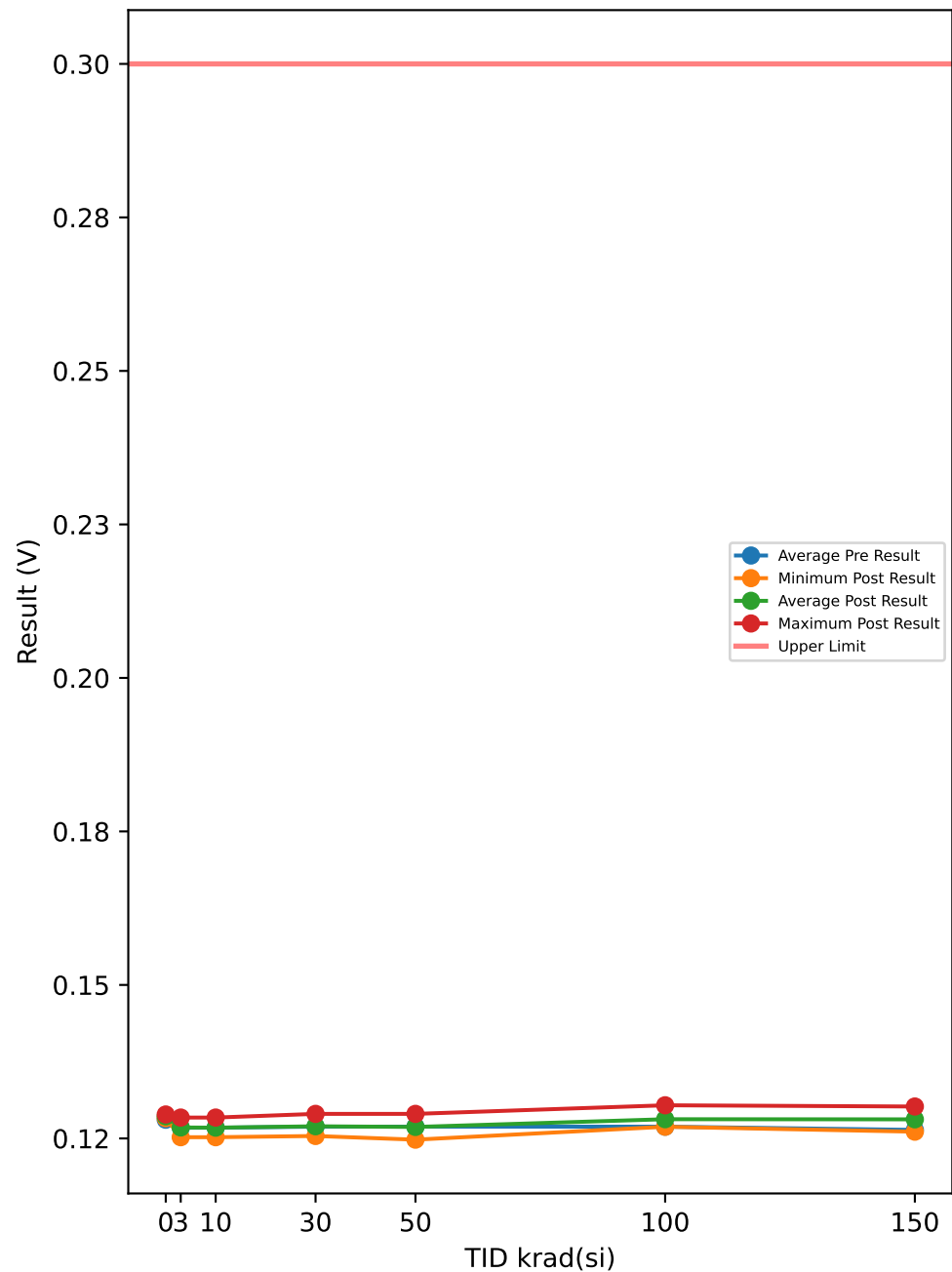
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.0673	0.0675	0.0002
2	0	CORRELATION	0.0683	0.068	-0.0003
259	3	LDR Biased	0.0668	0.0665	-0.0003
426	3	LDR Biased	0.0679	0.0675	-0.0004
427	3	LDR Biased	0.0684	0.0683	-0.0001
428	3	LDR Biased	0.0677	0.0677	0
429	3	LDR Unbiased	0.0676	0.0677	0.0001
430	3	LDR Unbiased	0.0669	0.0673	0.0004
431	3	LDR Unbiased	0.0676	0.0674	-0.0002
432	3	LDR Unbiased	0.0676	0.0682	0.0006
433	3	LDR Unbiased	0.0669	0.0667	-0.0002
1259	10	LDR Biased	0.0668	0.0657	-0.0011
1426	10	LDR Biased	0.0679	0.0657	-0.0022
1427	10	LDR Biased	0.0684	0.0666	-0.0018
1428	10	LDR Biased	0.0677	0.0673	-0.0004
1429	10	LDR Unbiased	0.0676	0.0669	-0.0007
1430	10	LDR Unbiased	0.0669	0.0666	-0.0003
1431	10	LDR Unbiased	0.0676	0.0673	-0.0003
1432	10	LDR Unbiased	0.0676	0.0673	-0.0003
1433	10	LDR Unbiased	0.0669	0.0665	-0.0004
2434	30	LDR Biased	0.0678	0.0667	-0.0011
2435	30	LDR Biased	0.0682	0.065	-0.0032
2436	30	LDR Biased	0.0672	0.0641	-0.0031
2437	30	LDR Biased	0.0679	0.065	-0.0029
2438	30	LDR Biased	0.0669	0.0657	-0.0012
2439	30	LDR Unbiased	0.067	0.066	-0.001
2440	30	LDR Unbiased	0.0671	0.0664	-0.0007
2441	30	LDR Unbiased	0.0673	0.0665	-0.0008
2443	30	LDR Unbiased	0.0683	0.067	-0.0013
2444	30	LDR Unbiased	0.0667	0.0657	-0.001
3434	50	LDR Biased	0.0678	0.0664	-0.0014
3435	50	LDR Biased	0.0682	0.0644	-0.0038
3436	50	LDR Biased	0.0672	0.0636	-0.0036
3437	50	LDR Biased	0.0679	0.0645	-0.0034
3438	50	LDR Biased	0.0669	0.0657	-0.0012
3439	50	LDR Unbiased	0.067	0.0658	-0.0012
3440	50	LDR Unbiased	0.0671	0.0656	-0.0015
3441	50	LDR Unbiased	0.0673	0.0664	-0.0009
3443	50	LDR Unbiased	0.0683	0.0666	-0.0017
3444	50	LDR Unbiased	0.0667	0.0655	-0.0012
4434	100	LDR Biased	0.0678	0.0665	-0.0013
4435	100	LDR Biased	0.0682	0.064	-0.0042
4436	100	LDR Biased	0.0672	0.0635	-0.0037
4437	100	LDR Biased	0.0679	0.0639	-0.004
4438	100	LDR Biased	0.0669	0.0657	-0.0012
4439	100	LDR Unbiased	0.067	0.0661	-0.0009
4440	100	LDR Unbiased	0.0671	0.0664	-0.0007
4441	100	LDR Unbiased	0.0673	0.0668	-0.0005
4443	100	LDR Unbiased	0.0683	0.0673	-0.001
4444	100	LDR Unbiased	0.0667	0.0661	-0.0006
4500	150	LDR Biased	0.0677	0.063	-0.0047
4501	150	LDR Biased	0.0669	0.0653	-0.0016
4502	150	LDR Biased	0.0663	0.0618	-0.0045
4503	150	LDR Biased	0.0667	0.0657	-0.001
4504	150	LDR Biased	0.0664	0.062	-0.0044
4505	150	LDR Unbiased	0.0679	0.0664	-0.0015
4506	150	LDR Unbiased	0.0676	0.0661	-0.0015
4507	150	LDR Unbiased	0.068	0.0665	-0.0015
4508	150	LDR Unbiased	0.0679	0.0664	-0.0015
4509	150	LDR Unbiased	0.0664	0.0655	-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	0.0673	0.0678	0.0683	0.00070711	0.0675	0.06775	0.068	0.00035355	-0.0003	-5e-05	0.0002	0.00035355
3	0.0668	0.067489	0.0684	0.0005302	0.0665	0.067478	0.0683	0.00060162	-0.0004	-1.1111e-05	0.0006	0.00032956
10	0.0668	0.067489	0.0684	0.0005302	0.0657	0.066656	0.0673	0.00062871	-0.0022	-0.00083333	-0.0003	0.00071764
30	0.0667	0.06744	0.0683	0.00056608	0.0641	0.06581	0.067	0.0009024	-0.0032	-0.00163	-0.0007	0.0010089
50	0.0667	0.06744	0.0683	0.00056608	0.0636	0.06545	0.0666	0.00098686	-0.0038	-0.00199	-0.0009	0.0011348
100	0.0667	0.06744	0.0683	0.00056608	0.0635	0.06563	0.0673	0.0013392	-0.0042	-0.00181	-0.0005	0.0015132
150	0.0663	0.06718	0.068	0.00070364	0.0618	0.06487	0.0665	0.0018643	-0.0047	-0.00231	-0.0009	0.0015531

Device Test: 46.2 VOH Delta LO VIN_12V

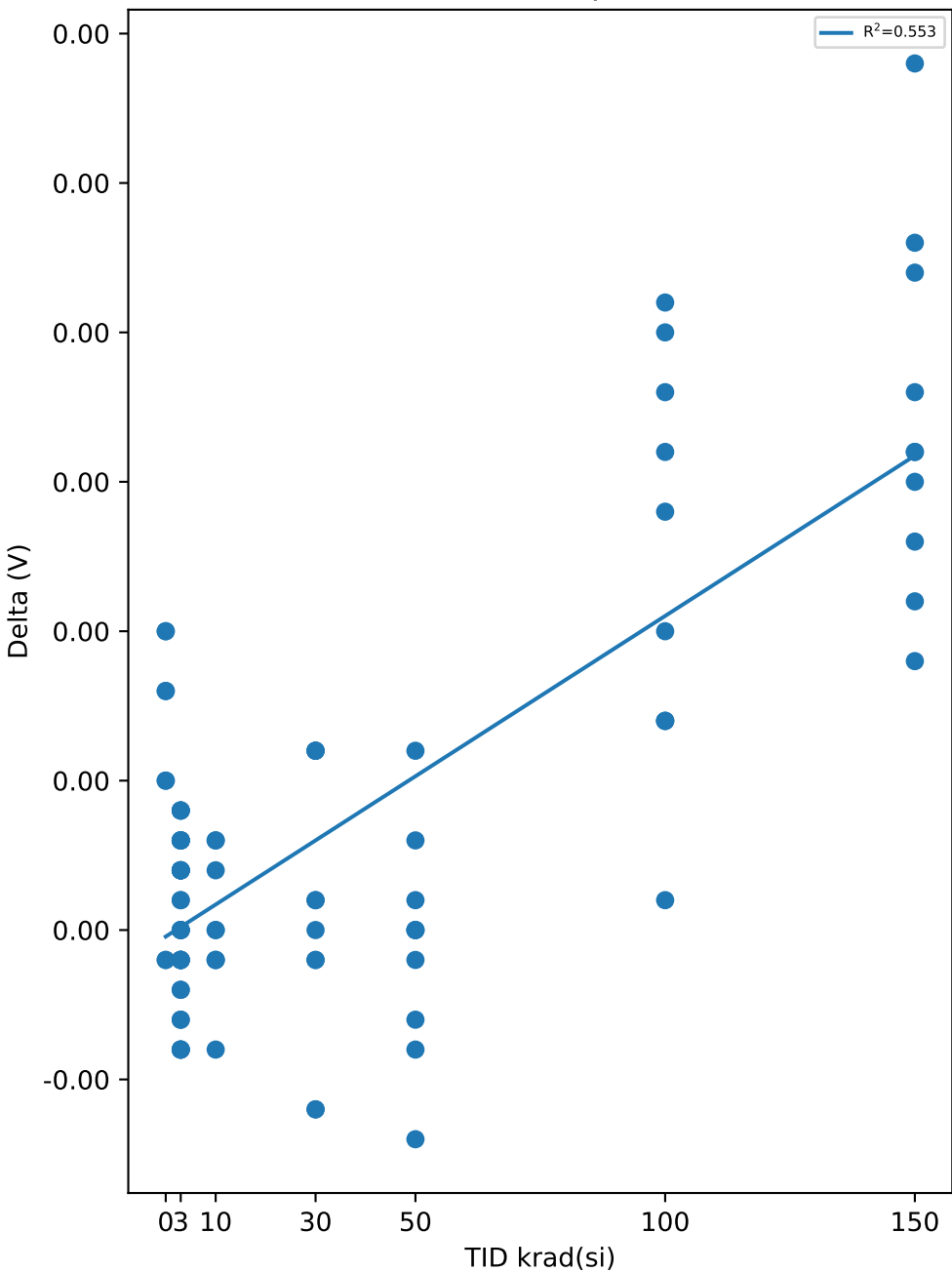
TID vs Result Stats



Test Results (Upper Limit = 0.3 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.1284	0.1289	0.0005
2	0	CORRELATION	0.1277	0.1287	0.001
259	3	LDR Biased	0.1272	0.1269	-0.0003
426	3	LDR Biased	0.1256	0.126	0.0004
427	3	LDR Biased	0.1264	0.1267	0.0003
428	3	LDR Biased	0.1254	0.1252	-0.0002
429	3	LDR Unbiased	0.1255	0.1256	0.0001
430	3	LDR Unbiased	0.1273	0.1275	0.0002
431	3	LDR Unbiased	0.1284	0.128	-0.0004
432	3	LDR Unbiased	0.1277	0.1281	0.0004
433	3	LDR Unbiased	0.1272	0.1274	0.0002
1259	10	LDR Biased	0.1272	0.1275	0.0003
1426	10	LDR Biased	0.1256	0.1252	-0.0004
1427	10	LDR Biased	0.1264	0.1263	-0.0001
1428	10	LDR Biased	0.1254	0.1253	-0.0001
1429	10	LDR Unbiased	0.1255	0.1255	0
1430	10	LDR Unbiased	0.1273	0.1272	-0.0001
1431	10	LDR Unbiased	0.1284	0.1284	0
1432	10	LDR Unbiased	0.1277	0.1279	0.0002
1433	10	LDR Unbiased	0.1272	0.1275	0.0003
2434	30	LDR Biased	0.1266	0.1267	0.0001
2435	30	LDR Biased	0.1274	0.1268	-0.0006
2436	30	LDR Biased	0.1277	0.1271	-0.0006
2437	30	LDR Biased	0.1271	0.127	-0.0001
2438	30	LDR Biased	0.1268	0.1268	0
2439	30	LDR Unbiased	0.1248	0.1254	0.0006
2440	30	LDR Unbiased	0.1257	0.1263	0.0006
2441	30	LDR Unbiased	0.1284	0.129	0.0006
2443	30	LDR Unbiased	0.1277	0.1276	-0.0001
2444	30	LDR Unbiased	0.127	0.1271	0.0001
3434	50	LDR Biased	0.1266	0.1269	0.0003
3435	50	LDR Biased	0.1274	0.1267	-0.0007
3436	50	LDR Biased	0.1277	0.1273	-0.0004
3437	50	LDR Biased	0.1271	0.1271	0
3438	50	LDR Biased	0.1268	0.1268	0
3439	50	LDR Unbiased	0.1248	0.1248	0
3440	50	LDR Unbiased	0.1257	0.1254	-0.0003
3441	50	LDR Unbiased	0.1284	0.129	0.0006
3443	50	LDR Unbiased	0.1277	0.1276	-0.0001
3444	50	LDR Unbiased	0.127	0.1271	0.0001
4434	100	LDR Biased	0.1266	0.1273	0.0007
4435	100	LDR Biased	0.1274	0.1275	0.0001
4436	100	LDR Biased	0.1277	0.1284	0.0007
4437	100	LDR Biased	0.1271	0.1278	0.0007
4438	100	LDR Biased	0.1268	0.1278	0.001
4439	100	LDR Unbiased	0.1248	0.1269	0.0021
4440	100	LDR Unbiased	0.1257	0.1273	0.0016
4441	100	LDR Unbiased	0.1284	0.1304	0.002
4443	100	LDR Unbiased	0.1277	0.1291	0.0014
4444	100	LDR Unbiased	0.127	0.1288	0.0018
4500	150	LDR Biased	0.1252	0.1261	0.0009
4501	150	LDR Biased	0.1256	0.1272	0.0016
4502	150	LDR Biased	0.1261	0.1274	0.0013
4503	150	LDR Biased	0.1279	0.1302	0.0023
4504	150	LDR Biased	0.1284	0.1295	0.0011
4505	150	LDR Unbiased	0.1262	0.128	0.0018
4506	150	LDR Unbiased	0.1261	0.129	0.0029
4507	150	LDR Unbiased	0.1269	0.1285	0.0016
4508	150	LDR Unbiased	0.1262	0.1277	0.0015
4509	150	LDR Unbiased	0.1253	0.1275	0.0022

TID vs Post - Pre Exposure Delta

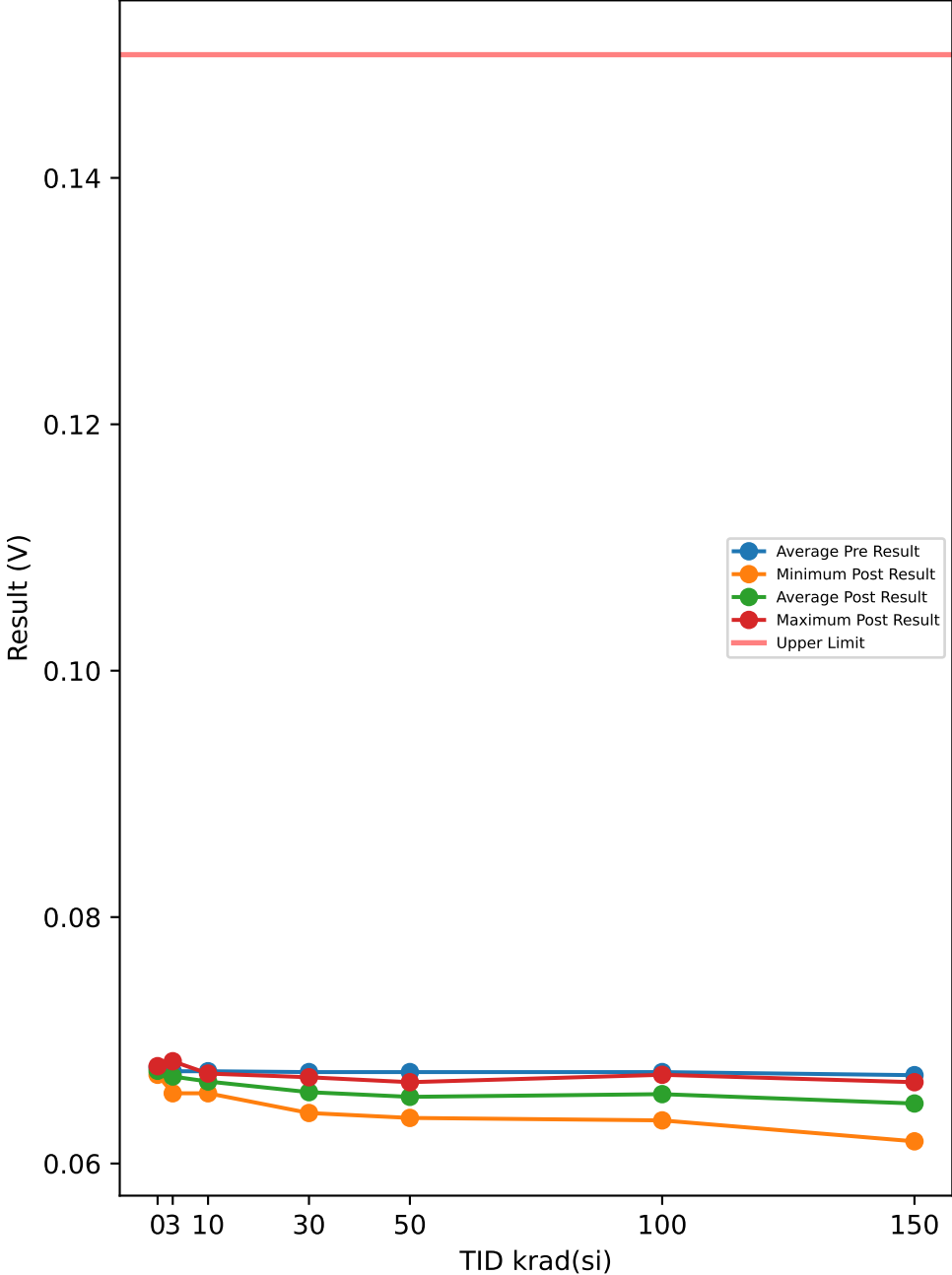


Test Statistics (V)

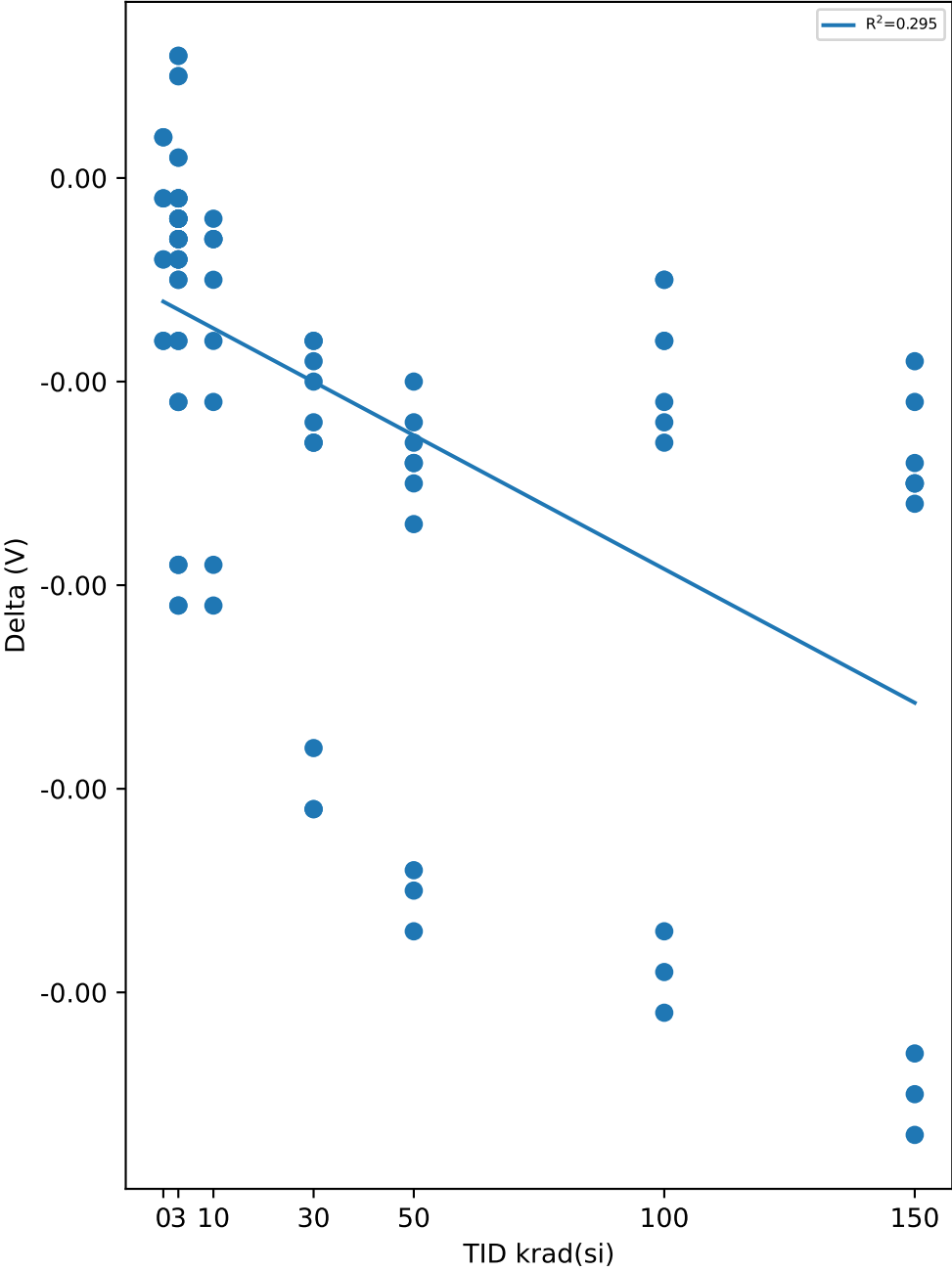
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.1277	0.12805	0.1284	0.00049497	0.1287	0.1288	0.1289	0.00014142	0.0005	0.00075	0.001	0.00035355
3	0.1254	0.12674	0.1284	0.0010702	0.1252	0.12682	0.1281	0.001039	-0.0004	7.7778e-05	0.0004	0.00030322
10	0.1254	0.12674	0.1284	0.0010702	0.1252	0.12676	0.1284	0.0012063	-0.0004	1.1111e-05	0.0003	0.00022608
30	0.1248	0.12692	0.1284	0.0010422	0.1254	0.12698	0.129	0.00091869	-0.0006	6e-05	0.0006	0.00044771
50	0.1248	0.12692	0.1284	0.0010422	0.1248	0.12687	0.129	0.001147	-0.0007	-5e-05	0.0006	0.00036286
100	0.1248	0.12692	0.1284	0.0010422	0.1269	0.12813	0.1304	0.0010605	0.0001	0.00121	0.0021	0.00066742
150	0.1252	0.12639	0.1284	0.0010567	0.1261	0.12811	0.1302	0.0012096	0.0009	0.00172	0.0029	0.00060332

Device Test: 47.0 VOL LO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 0.15 (V))

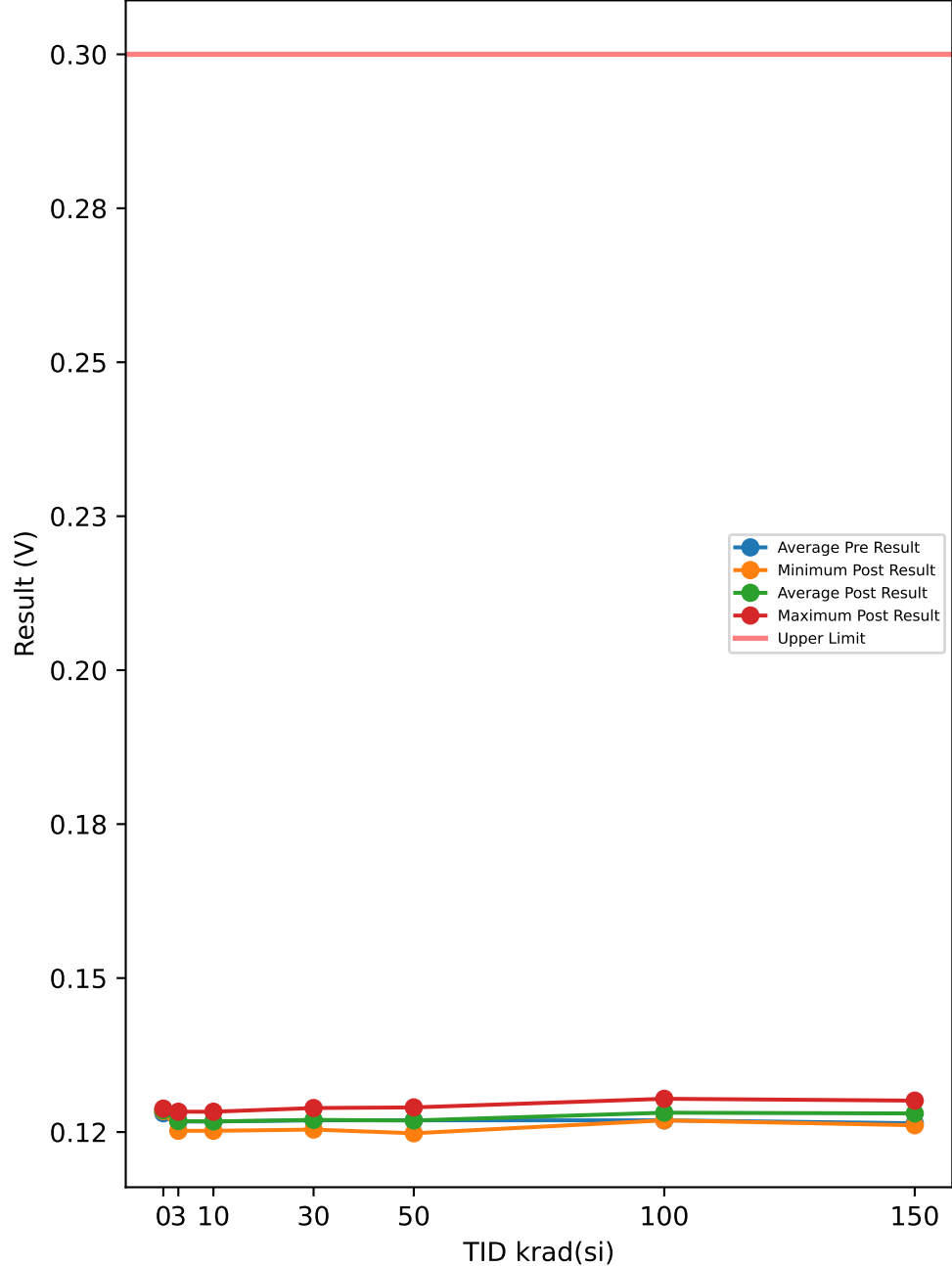
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.0673	0.0675	0.0002
2	0	CORRELATION	0.0683	0.0679	-0.0004
259	3	LDR Biased	0.0668	0.0664	-0.0004
426	3	LDR Biased	0.0678	0.0674	-0.0004
427	3	LDR Biased	0.0685	0.0683	-0.0002
428	3	LDR Biased	0.0678	0.0677	-0.0001
429	3	LDR Unbiased	0.0677	0.0678	0.0001
430	3	LDR Unbiased	0.0668	0.0673	0.0005
431	3	LDR Unbiased	0.0676	0.0674	-0.0002
432	3	LDR Unbiased	0.0676	0.0682	0.0006
433	3	LDR Unbiased	0.0668	0.0667	-0.0001
1259	10	LDR Biased	0.0668	0.0657	-0.0011
1426	10	LDR Biased	0.0678	0.0657	-0.0021
1427	10	LDR Biased	0.0685	0.0666	-0.0019
1428	10	LDR Biased	0.0678	0.0673	-0.0005
1429	10	LDR Unbiased	0.0677	0.0669	-0.0008
1430	10	LDR Unbiased	0.0668	0.0666	-0.0002
1431	10	LDR Unbiased	0.0676	0.0673	-0.0003
1432	10	LDR Unbiased	0.0676	0.0673	-0.0003
1433	10	LDR Unbiased	0.0668	0.0665	-0.0003
2434	30	LDR Biased	0.0678	0.0666	-0.0012
2435	30	LDR Biased	0.0681	0.065	-0.0031
2436	30	LDR Biased	0.0672	0.0641	-0.0031
2437	30	LDR Biased	0.0678	0.065	-0.0028
2438	30	LDR Biased	0.067	0.0657	-0.0013
2439	30	LDR Unbiased	0.067	0.066	-0.001
2440	30	LDR Unbiased	0.0671	0.0663	-0.0008
2441	30	LDR Unbiased	0.0673	0.0665	-0.0008
2443	30	LDR Unbiased	0.0683	0.067	-0.0013
2444	30	LDR Unbiased	0.0666	0.0657	-0.0009
3434	50	LDR Biased	0.0678	0.0664	-0.0014
3435	50	LDR Biased	0.0681	0.0644	-0.0037
3436	50	LDR Biased	0.0672	0.0637	-0.0035
3437	50	LDR Biased	0.0678	0.0644	-0.0034
3438	50	LDR Biased	0.067	0.0656	-0.0014
3439	50	LDR Unbiased	0.067	0.0657	-0.0013
3440	50	LDR Unbiased	0.0671	0.0656	-0.0015
3441	50	LDR Unbiased	0.0673	0.0663	-0.001
3443	50	LDR Unbiased	0.0683	0.0666	-0.0017
3444	50	LDR Unbiased	0.0666	0.0654	-0.0012
4434	100	LDR Biased	0.0678	0.0665	-0.0013
4435	100	LDR Biased	0.0681	0.064	-0.0041
4436	100	LDR Biased	0.0672	0.0635	-0.0037
4437	100	LDR Biased	0.0678	0.0639	-0.0039
4438	100	LDR Biased	0.067	0.0658	-0.0012
4439	100	LDR Unbiased	0.067	0.0662	-0.0008
4440	100	LDR Unbiased	0.0671	0.0663	-0.0008
4441	100	LDR Unbiased	0.0673	0.0668	-0.0005
4443	100	LDR Unbiased	0.0683	0.0672	-0.0011
4444	100	LDR Unbiased	0.0666	0.0661	-0.0005
4500	150	LDR Biased	0.0677	0.063	-0.0047
4501	150	LDR Biased	0.0668	0.0652	-0.0016
4502	150	LDR Biased	0.0663	0.0618	-0.0045
4503	150	LDR Biased	0.0667	0.0656	-0.0011
4504	150	LDR Biased	0.0664	0.0621	-0.0043
4505	150	LDR Unbiased	0.0679	0.0664	-0.0015
4506	150	LDR Unbiased	0.0676	0.0661	-0.0015
4507	150	LDR Unbiased	0.068	0.0666	-0.0014
4508	150	LDR Unbiased	0.0679	0.0664	-0.0015
4509	150	LDR Unbiased	0.0664	0.0655	-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	0.0673	0.0678	0.0683	0.00070711	0.0675	0.0677	0.0679	0.00028284	-0.0004	-0.0001	0.0002	0.00042426
3	0.0668	0.067489	0.0685	0.0005819	0.0664	0.067467	0.0683	0.00062849	-0.0004	-2.2222e-05	0.0006	0.00035978
10	0.0668	0.067489	0.0685	0.0005819	0.0657	0.066656	0.0673	0.00062871	-0.0021	-0.00083333	-0.0002	0.00072284
30	0.0666	0.06742	0.0683	0.00054934	0.0641	0.06579	0.067	0.000885	-0.0031	-0.00163	-0.0008	0.00096615
50	0.0666	0.06742	0.0683	0.00054934	0.0637	0.06541	0.0666	0.00096084	-0.0037	-0.00201	-0.001	0.0010692
100	0.0666	0.06742	0.0683	0.00054934	0.0635	0.06563	0.0672	0.001325	-0.0041	-0.00179	-0.0005	0.0014828
150	0.0663	0.06717	0.068	0.00070875	0.0618	0.06487	0.0666	0.0018506	-0.0047	-0.0023	-0.0009	0.0015355

Device Test: 47.2 VOH Delta LO VIN_14V

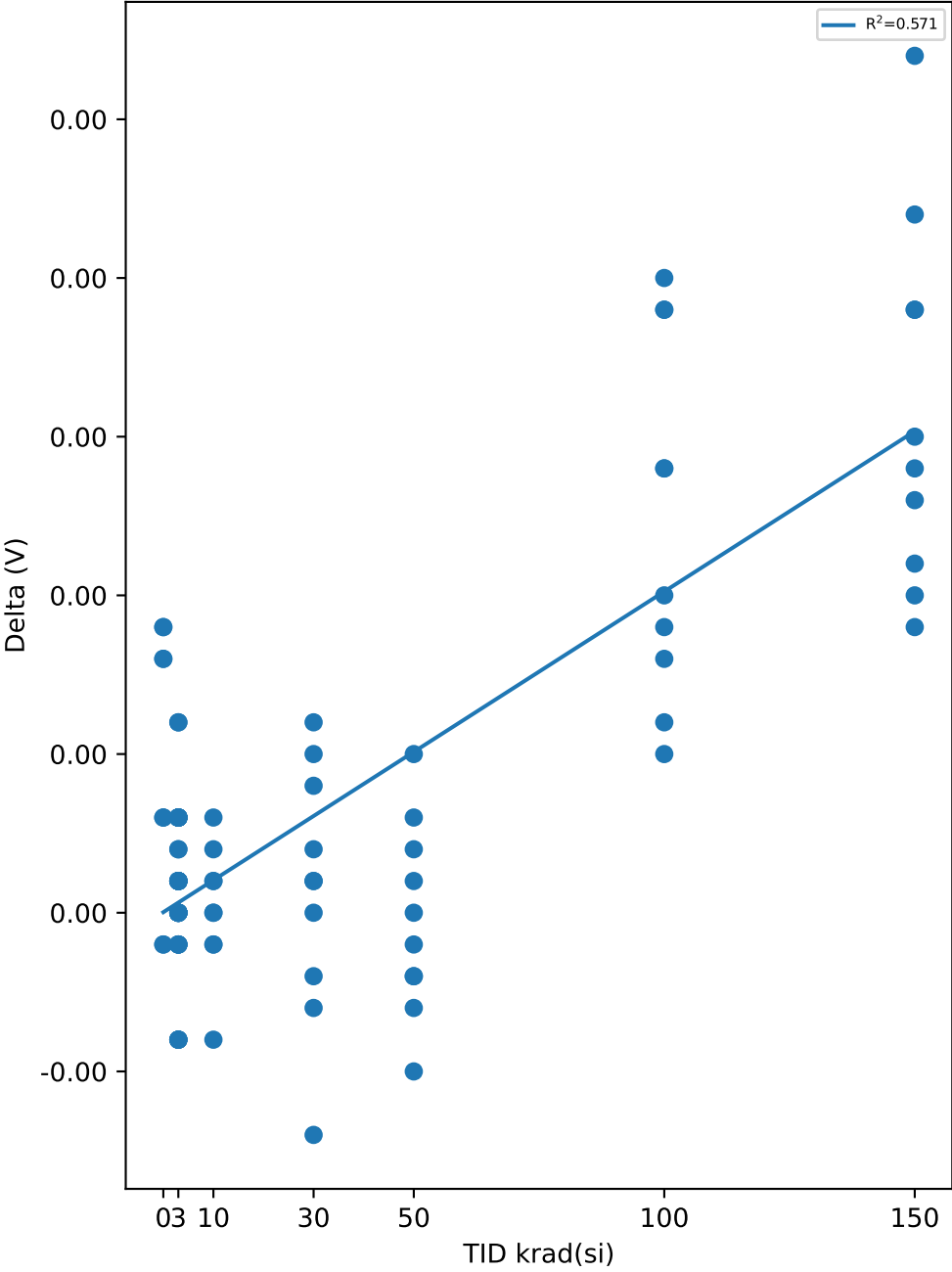
TID vs Result Stats



Test Results (Upper Limit = 0.3 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	0.1285	0.1288	0.0003
2	0	CORRELATION	0.1276	0.1285	0.0009
259	3	LDR Biased	0.1271	0.1271	0
426	3	LDR Biased	0.1256	0.1262	0.0006
427	3	LDR Biased	0.1264	0.1267	0.0003
428	3	LDR Biased	0.1252	0.1253	0.0001
429	3	LDR Unbiased	0.1254	0.1257	0.0003
430	3	LDR Unbiased	0.1273	0.1274	0.0001
431	3	LDR Unbiased	0.1283	0.1279	-0.0004
432	3	LDR Unbiased	0.1279	0.1282	0.0003
433	3	LDR Unbiased	0.1272	0.1272	0
1259	10	LDR Biased	0.1271	0.1274	0.0003
1426	10	LDR Biased	0.1256	0.1252	-0.0004
1427	10	LDR Biased	0.1264	0.1263	-0.0001
1428	10	LDR Biased	0.1252	0.1253	0.0001
1429	10	LDR Unbiased	0.1254	0.1255	0.0001
1430	10	LDR Unbiased	0.1273	0.1272	-0.0001
1431	10	LDR Unbiased	0.1283	0.1283	0
1432	10	LDR Unbiased	0.1279	0.1279	0
1433	10	LDR Unbiased	0.1272	0.1274	0.0002
2434	30	LDR Biased	0.1266	0.1268	0.0002
2435	30	LDR Biased	0.1273	0.127	-0.0003
2436	30	LDR Biased	0.1276	0.1269	-0.0007
2437	30	LDR Biased	0.1271	0.1269	-0.0002
2438	30	LDR Biased	0.1268	0.1268	0
2439	30	LDR Unbiased	0.1249	0.1254	0.0005
2440	30	LDR Unbiased	0.1257	0.1263	0.0006
2441	30	LDR Unbiased	0.1285	0.1289	0.0004
2443	30	LDR Unbiased	0.1276	0.1277	0.0001
2444	30	LDR Unbiased	0.1269	0.127	0.0001
3434	50	LDR Biased	0.1266	0.1268	0.0002
3435	50	LDR Biased	0.1273	0.1268	-0.0005
3436	50	LDR Biased	0.1276	0.1273	-0.0003
3437	50	LDR Biased	0.1271	0.1271	0
3438	50	LDR Biased	0.1268	0.1271	0.0003
3439	50	LDR Unbiased	0.1249	0.1248	-0.0001
3440	50	LDR Unbiased	0.1257	0.1255	-0.0002
3441	50	LDR Unbiased	0.1285	0.129	0.0005
3443	50	LDR Unbiased	0.1276	0.1274	-0.0002
3444	50	LDR Unbiased	0.1269	0.127	0.0001
4434	100	LDR Biased	0.1266	0.1274	0.0008
4435	100	LDR Biased	0.1273	0.1278	0.0005
4436	100	LDR Biased	0.1276	0.1282	0.0006
4437	100	LDR Biased	0.1271	0.128	0.0009
4438	100	LDR Biased	0.1268	0.1278	0.001
4439	100	LDR Unbiased	0.1249	0.1269	0.002
4440	100	LDR Unbiased	0.1257	0.1271	0.0014
4441	100	LDR Unbiased	0.1285	0.1304	0.0019
4443	100	LDR Unbiased	0.1276	0.129	0.0014
4444	100	LDR Unbiased	0.1269	0.1288	0.0019
4500	150	LDR Biased	0.1252	0.1261	0.0009
4501	150	LDR Biased	0.1257	0.1271	0.0014
4502	150	LDR Biased	0.1262	0.1272	0.001
4503	150	LDR Biased	0.1282	0.1301	0.0019
4504	150	LDR Biased	0.1284	0.1295	0.0011
4505	150	LDR Unbiased	0.1261	0.128	0.0019
4506	150	LDR Unbiased	0.1262	0.1289	0.0027
4507	150	LDR Unbiased	0.1268	0.1283	0.0015
4508	150	LDR Unbiased	0.1262	0.1275	0.0013
4509	150	LDR Unbiased	0.1253	0.1275	0.0022

TID vs Post - Pre Exposure Delta

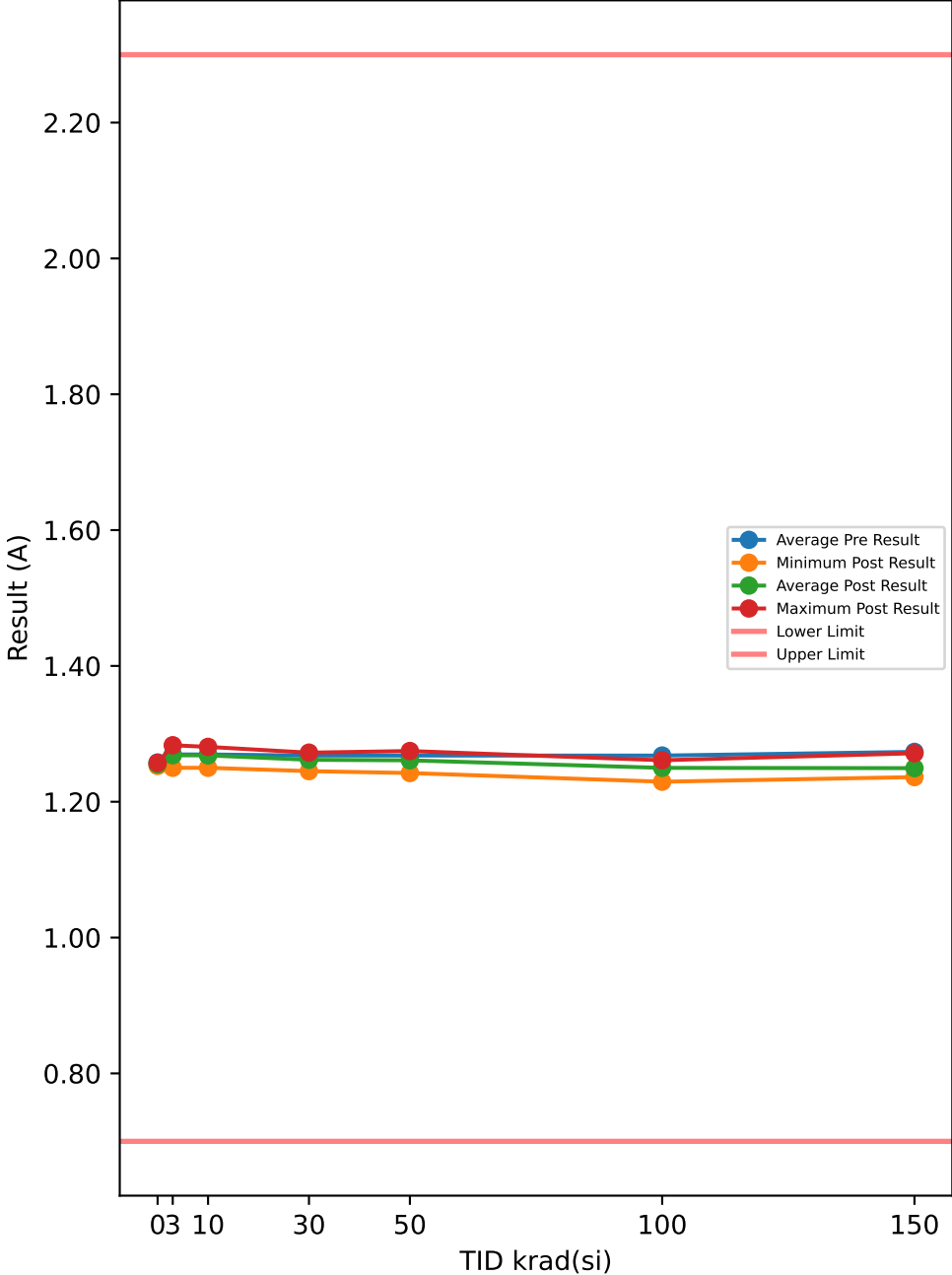


Test Statistics (V)

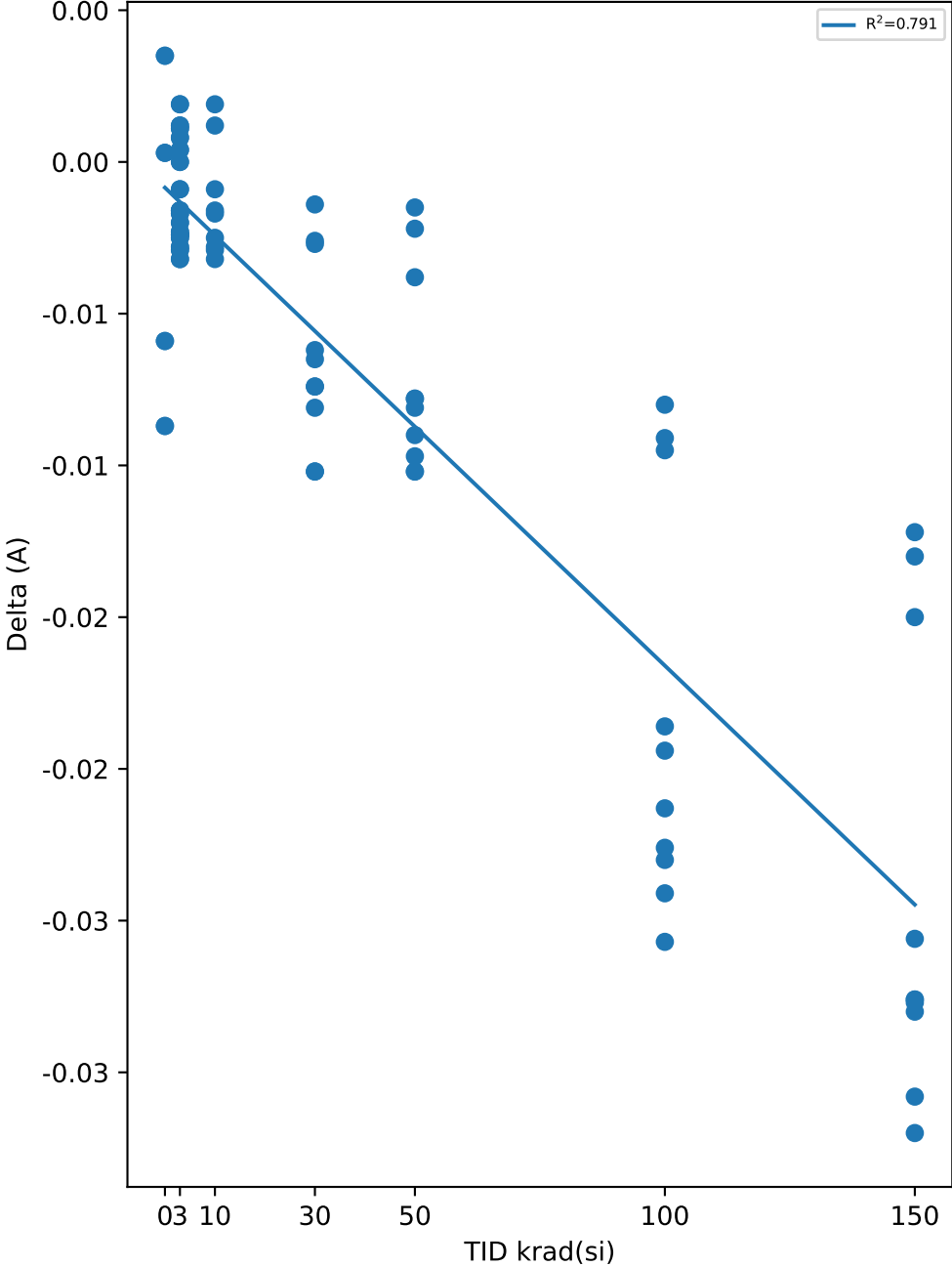
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.1276	0.12805	0.1285	0.0006364	0.1285	0.12865	0.1288	0.00021213	0.0003	0.0006	0.0009	0.00042426
3	0.1252	0.12671	0.1283	0.0011185	0.1253	0.12686	0.1282	0.00097354	-0.0004	0.00014444	0.0006	0.00027889
10	0.1252	0.12671	0.1283	0.0011185	0.1252	0.12672	0.1283	0.0011745	-0.0004	1.1111e-05	0.0003	0.00020276
30	0.1249	0.1269	0.1285	0.0010154	0.1254	0.12697	0.1289	0.00089697	-0.0007	7e-05	0.0006	0.00039455
50	0.1249	0.1269	0.1285	0.0010154	0.1248	0.12688	0.129	0.0011203	-0.0005	-2e-05	0.0005	0.00030111
100	0.1249	0.1269	0.1285	0.0010154	0.1269	0.12814	0.1304	0.0010384	0.0005	0.00124	0.002	0.00056016
150	0.1252	0.12643	0.1284	0.0010924	0.1261	0.12802	0.1301	0.0012072	0.0009	0.00159	0.0027	0.00057629

Device Test: 50.0 IOH LO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 2.3 (A))

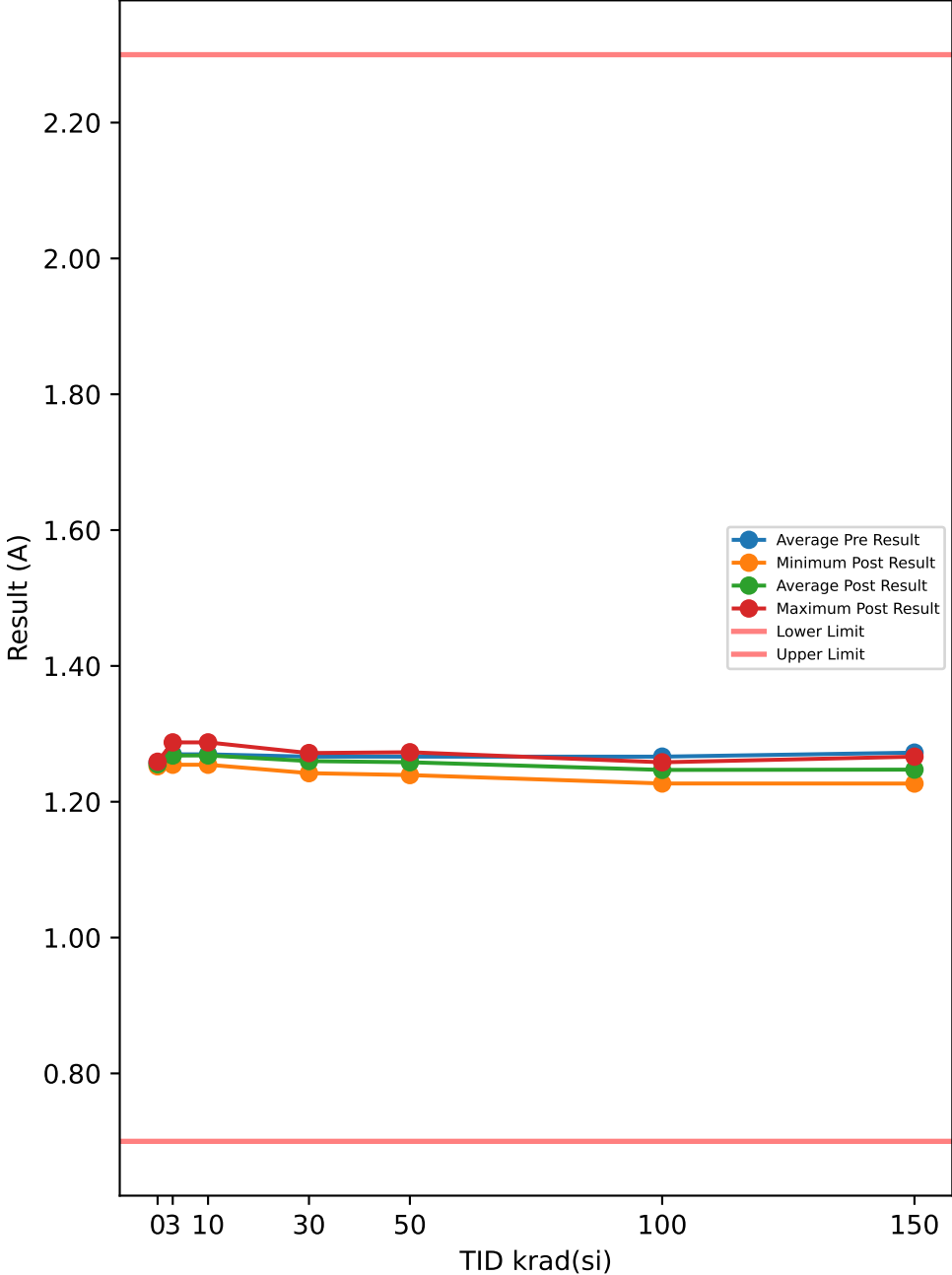
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.2525	1.2528	0.0003
2	0	CORRELATION	1.2631	1.2544	-0.0087
259	3	LDR Biased	1.2686	1.269	0.0004
426	3	LDR Biased	1.2769	1.2745	-0.0024
427	3	LDR Biased	1.2753	1.273	-0.0023
428	3	LDR Biased	1.2832	1.2832	0
429	3	LDR Unbiased	1.2817	1.2801	-0.0016
430	3	LDR Unbiased	1.273	1.271	-0.002
431	3	LDR Unbiased	1.2532	1.254	0.0008
432	3	LDR Unbiased	1.2568	1.2544	-0.0024
433	3	LDR Unbiased	1.258	1.2591	0.0011
1259	10	LDR Biased	1.2686	1.267	-0.0016
1426	10	LDR Biased	1.2769	1.2788	0.0019
1427	10	LDR Biased	1.2753	1.2765	0.0012
1428	10	LDR Biased	1.2832	1.2804	-0.0028
1429	10	LDR Unbiased	1.2817	1.2808	-0.0009
1430	10	LDR Unbiased	1.273	1.2713	-0.0017
1431	10	LDR Unbiased	1.2532	1.25	-0.0032
1432	10	LDR Unbiased	1.2568	1.2543	-0.0025
1433	10	LDR Unbiased	1.258	1.2551	-0.0029
2434	30	LDR Biased	1.2694	1.2629	-0.0065
2435	30	LDR Biased	1.2675	1.2648	-0.0027
2436	30	LDR Biased	1.2627	1.2613	-0.0014
2437	30	LDR Biased	1.2706	1.268	-0.0026
2438	30	LDR Biased	1.2671	1.2609	-0.0062
2439	30	LDR Unbiased	1.2817	1.2715	-0.0102
2440	30	LDR Unbiased	1.2825	1.2723	-0.0102
2441	30	LDR Unbiased	1.2525	1.2451	-0.0074
2443	30	LDR Unbiased	1.2631	1.255	-0.0081
2444	30	LDR Unbiased	1.2631	1.2557	-0.0074
3434	50	LDR Biased	1.2694	1.2613	-0.0081
3435	50	LDR Biased	1.2675	1.266	-0.0015
3436	50	LDR Biased	1.2627	1.2605	-0.0022
3437	50	LDR Biased	1.2706	1.2668	-0.0038
3438	50	LDR Biased	1.2671	1.2581	-0.009
3439	50	LDR Unbiased	1.2817	1.2715	-0.0102
3440	50	LDR Unbiased	1.2825	1.2747	-0.0078
3441	50	LDR Unbiased	1.2525	1.2423	-0.0102
3443	50	LDR Unbiased	1.2631	1.2553	-0.0078
3444	50	LDR Unbiased	1.2631	1.2534	-0.0097
4434	100	LDR Biased	1.2694	1.2508	-0.0186
4435	100	LDR Biased	1.2675	1.2595	-0.008
4436	100	LDR Biased	1.2627	1.2536	-0.0091
4437	100	LDR Biased	1.2706	1.2611	-0.0095
4438	100	LDR Biased	1.2671	1.2477	-0.0194
4439	100	LDR Unbiased	1.2817	1.256	-0.0257
4440	100	LDR Unbiased	1.2825	1.2599	-0.0226
4441	100	LDR Unbiased	1.2525	1.2295	-0.023
4443	100	LDR Unbiased	1.2631	1.2418	-0.0213
4444	100	LDR Unbiased	1.2631	1.239	-0.0241
4500	150	LDR Biased	1.2836	1.2714	-0.0122
4501	150	LDR Biased	1.2773	1.2517	-0.0256
4502	150	LDR Biased	1.2718	1.2588	-0.013
4503	150	LDR Biased	1.2671	1.2363	-0.0308
4504	150	LDR Biased	1.2536	1.2386	-0.015
4505	150	LDR Unbiased	1.2765	1.2485	-0.028
4506	150	LDR Unbiased	1.2678	1.2402	-0.0276
4507	150	LDR Unbiased	1.2757	1.2481	-0.0276
4508	150	LDR Unbiased	1.2809	1.2532	-0.0277
4509	150	LDR Unbiased	1.2801	1.2481	-0.032

Test Statistics (A)

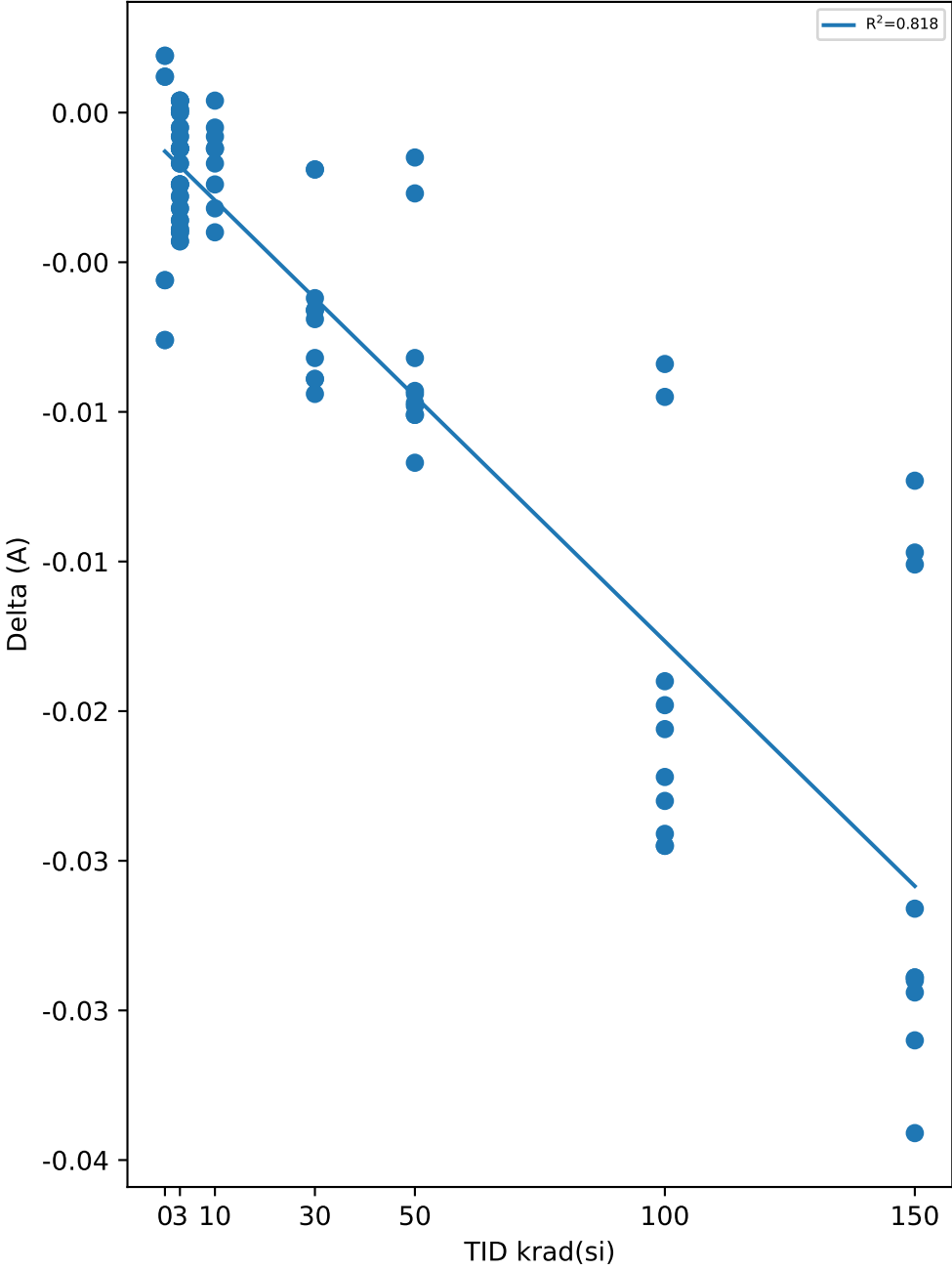
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2525	1.2578	1.2631	0.0074953	1.2528	1.2536	1.2544	0.0011314	-0.0087	-0.0042	0.0003	0.006364
3	1.2532	1.2696	1.2832	0.0111164	1.254	1.2687	1.2832	0.010668	-0.0024	-0.00093333	0.0011	0.0014807
10	1.2532	1.2696	1.2832	0.0111164	1.25	1.2682	1.2808	0.012227	-0.0032	-0.0013889	0.0019	0.0018265
30	1.2525	1.268	1.2825	0.0089696	1.2451	1.2617	1.2723	0.0082756	-0.0102	-0.00627	-0.0014	0.0031052
50	1.2525	1.268	1.2825	0.0089696	1.2423	1.261	1.2747	0.0094591	-0.0102	-0.00703	-0.0015	0.0032961
100	1.2525	1.268	1.2825	0.0089696	1.2295	1.2499	1.2611	0.010407	-0.0257	-0.01813	-0.008	0.0067261
150	1.2536	1.2734	1.2836	0.008825	1.2363	1.2495	1.2714	0.010377	-0.032	-0.02395	-0.0122	0.007525

Device Test: 50.1 IOH HO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 2.3 (A))

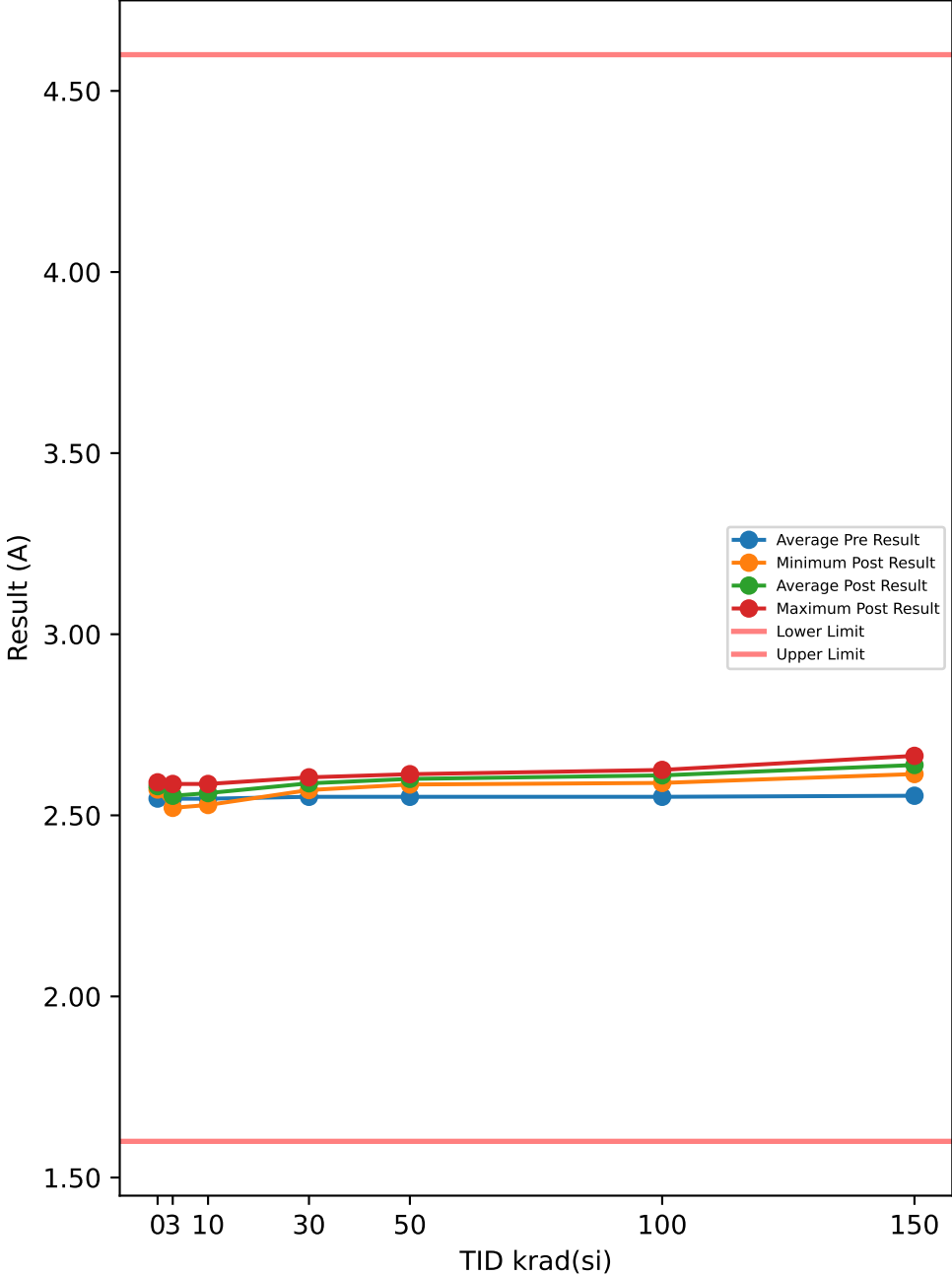
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.251	1.2522	0.0012
2	0	CORRELATION	1.2645	1.2569	-0.0076
259	3	LDR Biased	1.2668	1.2669	0.0001
426	3	LDR Biased	1.2787	1.2759	-0.0028
427	3	LDR Biased	1.274	1.2704	-0.0036
428	3	LDR Biased	1.2728	1.2716	-0.0012
429	3	LDR Unbiased	1.2886	1.2862	-0.0024
430	3	LDR Unbiased	1.2692	1.2653	-0.0039
431	3	LDR Unbiased	1.2562	1.2566	0.0004
432	3	LDR Unbiased	1.2617	1.2574	-0.0043
433	3	LDR Unbiased	1.2605	1.2605	0
1259	10	LDR Biased	1.2668	1.2656	-0.0012
1426	10	LDR Biased	1.2787	1.2791	0.0004
1427	10	LDR Biased	1.274	1.2735	-0.0005
1428	10	LDR Biased	1.2728	1.2696	-0.0032
1429	10	LDR Unbiased	1.2886	1.2874	-0.0012
1430	10	LDR Unbiased	1.2692	1.2668	-0.0024
1431	10	LDR Unbiased	1.2562	1.2545	-0.0017
1432	10	LDR Unbiased	1.2617	1.2609	-0.0008
1433	10	LDR Unbiased	1.2605	1.2565	-0.004
2434	30	LDR Biased	1.2661	1.2595	-0.0066
2435	30	LDR Biased	1.2661	1.2642	-0.0019
2436	30	LDR Biased	1.2578	1.2559	-0.0019
2437	30	LDR Biased	1.2696	1.263	-0.0066
2438	30	LDR Biased	1.2692	1.263	-0.0062
2439	30	LDR Unbiased	1.2799	1.271	-0.0089
2440	30	LDR Unbiased	1.2811	1.2717	-0.0094
2441	30	LDR Unbiased	1.251	1.2421	-0.0089
2443	30	LDR Unbiased	1.2645	1.2563	-0.0082
2444	30	LDR Unbiased	1.2589	1.252	-0.0069
3434	50	LDR Biased	1.2661	1.2563	-0.0098
3435	50	LDR Biased	1.2661	1.2634	-0.0027
3436	50	LDR Biased	1.2578	1.2563	-0.0015
3437	50	LDR Biased	1.2696	1.2595	-0.0101
3438	50	LDR Biased	1.2692	1.2591	-0.0101
3439	50	LDR Unbiased	1.2799	1.2702	-0.0097
3440	50	LDR Unbiased	1.2811	1.2729	-0.0082
3441	50	LDR Unbiased	1.251	1.2393	-0.0117
3443	50	LDR Unbiased	1.2645	1.2551	-0.0094
3444	50	LDR Unbiased	1.2589	1.2496	-0.0093
4434	100	LDR Biased	1.2661	1.2471	-0.019
4435	100	LDR Biased	1.2661	1.2577	-0.0084
4436	100	LDR Biased	1.2578	1.2483	-0.0095
4437	100	LDR Biased	1.2696	1.2498	-0.0198
4438	100	LDR Biased	1.2692	1.2486	-0.0206
4439	100	LDR Unbiased	1.2799	1.2554	-0.0245
4440	100	LDR Unbiased	1.2811	1.2581	-0.023
4441	100	LDR Unbiased	1.251	1.2269	-0.0241
4443	100	LDR Unbiased	1.2645	1.2423	-0.0222
4444	100	LDR Unbiased	1.2589	1.2344	-0.0245
4500	150	LDR Biased	1.2787	1.2664	-0.0123
4501	150	LDR Biased	1.2795	1.2529	-0.0266
4502	150	LDR Biased	1.2712	1.2561	-0.0151
4503	150	LDR Biased	1.2578	1.2268	-0.031
4504	150	LDR Biased	1.2625	1.2478	-0.0147
4505	150	LDR Unbiased	1.2744	1.245	-0.0294
4506	150	LDR Unbiased	1.2625	1.2336	-0.0289
4507	150	LDR Unbiased	1.2763	1.2474	-0.0289
4508	150	LDR Unbiased	1.2827	1.2537	-0.029
4509	150	LDR Unbiased	1.2775	1.2434	-0.0341

Test Statistics (A)

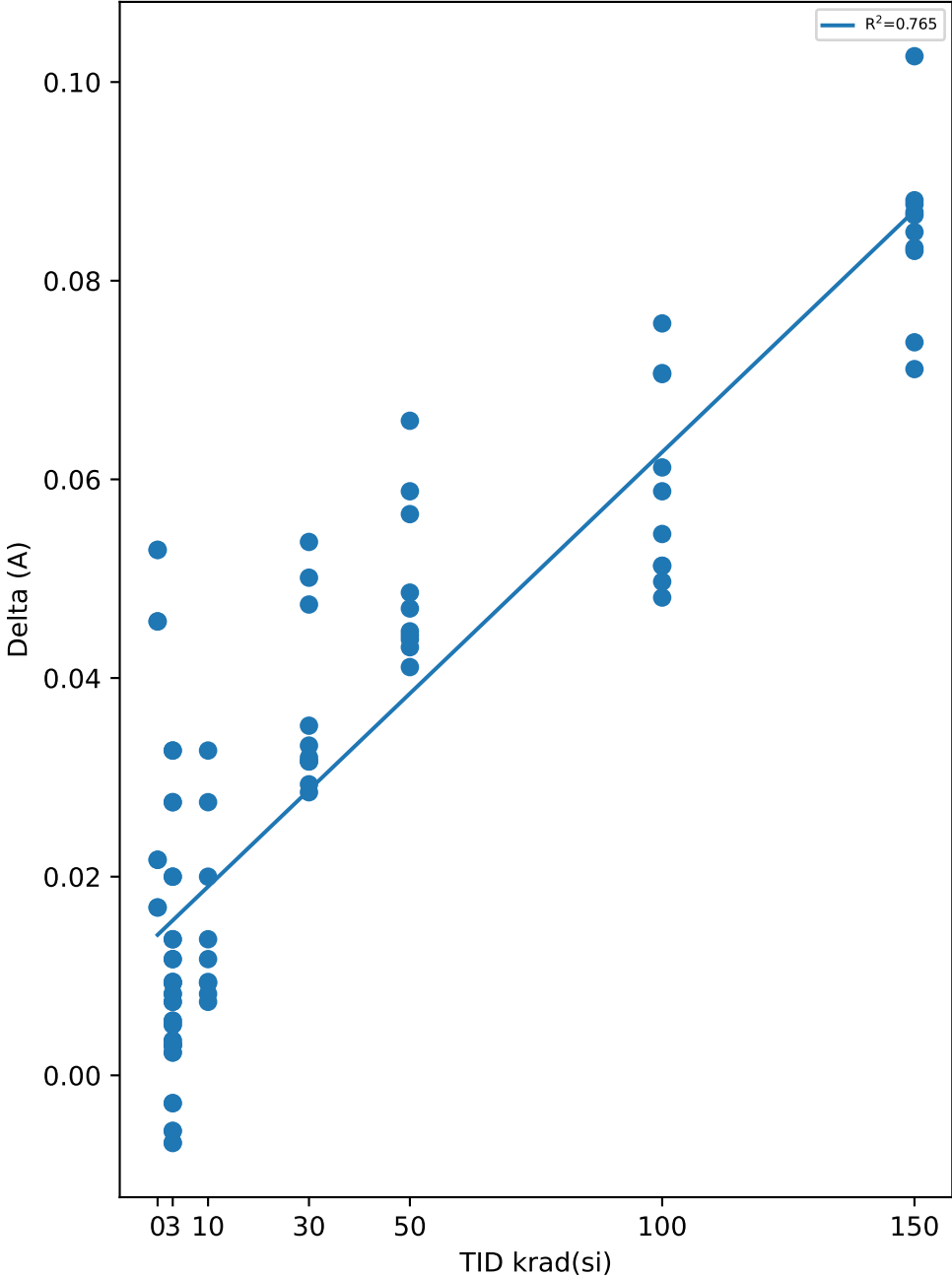
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.251	1.2577	1.2645	0.0095459	1.2522	1.2546	1.2569	0.0033234	-0.0076	-0.0032	0.0012	0.0062225
3	1.2562	1.2698	1.2886	0.010036	1.2566	1.2679	1.2862	0.0094821	-0.0043	-0.0019667	0.0004	0.0018392
10	1.2562	1.2698	1.2886	0.010036	1.2545	1.2682	1.2874	0.010631	-0.004	-0.0016222	0.0004	0.0013755
30	1.251	1.2664	1.2811	0.0093546	1.2421	1.2599	1.2717	0.0088727	-0.0094	-0.00655	-0.0019	0.0026954
50	1.251	1.2664	1.2811	0.0093546	1.2393	1.2582	1.2729	0.0096472	-0.0117	-0.00825	-0.0015	0.0033672
100	1.251	1.2664	1.2811	0.0093546	1.2269	1.2469	1.2581	0.010028	-0.0245	-0.01956	-0.0084	0.0059201
150	1.2578	1.2723	1.2827	0.0085111	1.2268	1.2473	1.2664	0.011271	-0.0341	-0.025	-0.0123	0.0078354

Device Test: 50.2 IOL LO VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.6, Upper Limit = 4.6 (A))

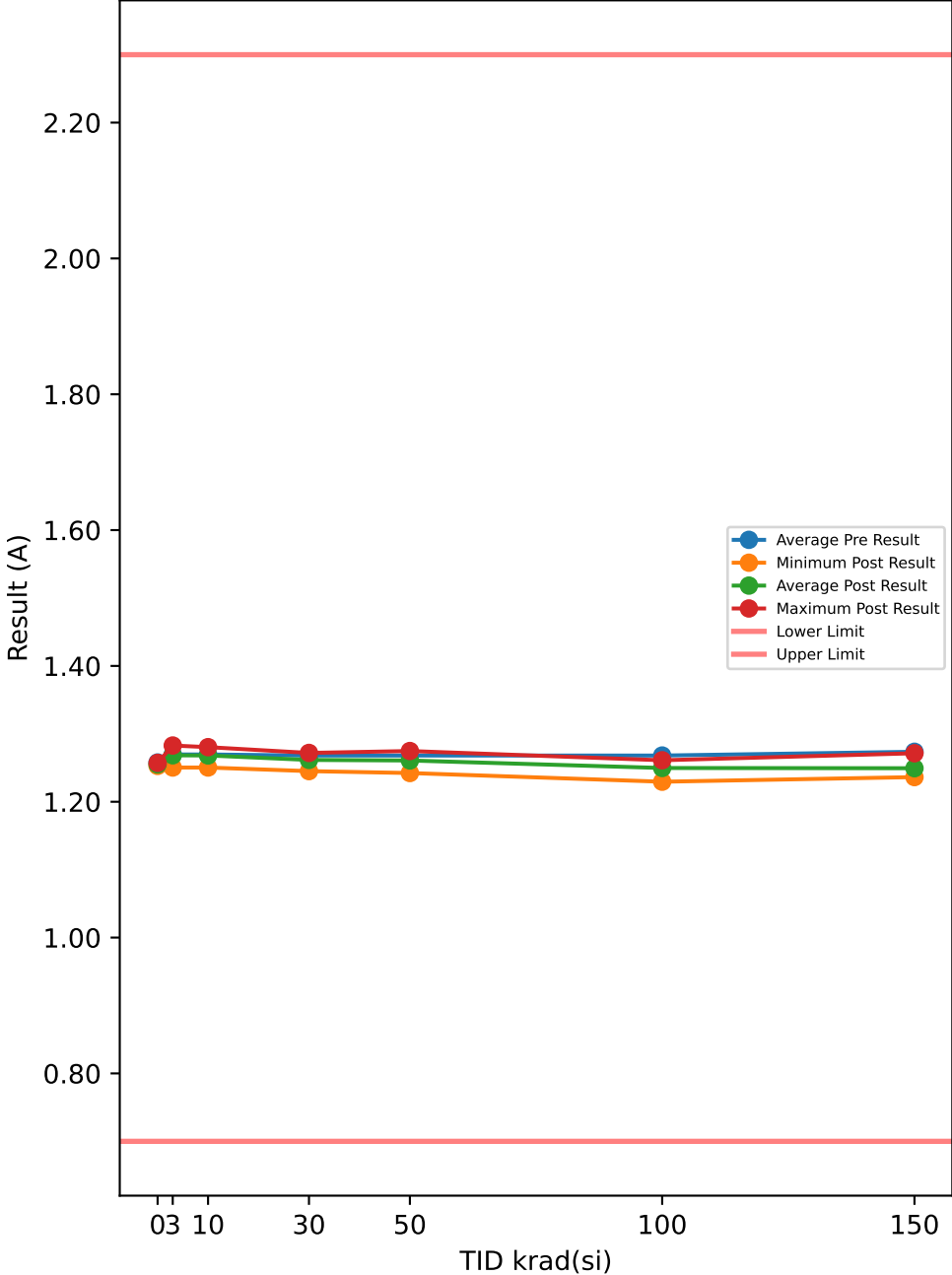
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.5544	2.5713	0.0169
2	0	CORRELATION	2.5382	2.5839	0.0457
259	3	LDR Biased	2.5666	2.5721	0.0055
426	3	LDR Biased	2.5177	2.5207	0.003
427	3	LDR Biased	2.5342	2.5377	0.0035
428	3	LDR Biased	2.5425	2.5448	0.0023
429	3	LDR Unbiased	2.5642	2.5614	-0.0028
430	3	LDR Unbiased	2.5611	2.5543	-0.0068
431	3	LDR Unbiased	2.5204	2.5235	0.0031
432	3	LDR Unbiased	2.5465	2.5409	-0.0056
433	3	LDR Unbiased	2.5595	2.5646	0.0051
1259	10	LDR Biased	2.5666	2.5866	0.02
1426	10	LDR Biased	2.5177	2.5452	0.0275
1427	10	LDR Biased	2.5342	2.5669	0.0327
1428	10	LDR Biased	2.5425	2.5519	0.0094
1429	10	LDR Unbiased	2.5642	2.5779	0.0137
1430	10	LDR Unbiased	2.5611	2.5704	0.0093
1431	10	LDR Unbiased	2.5204	2.5286	0.0082
1432	10	LDR Unbiased	2.5465	2.5582	0.0117
1433	10	LDR Unbiased	2.5595	2.5669	0.0074
2434	30	LDR Biased	2.5488	2.5804	0.0316
2435	30	LDR Biased	2.5398	2.5935	0.0537
2436	30	LDR Biased	2.5548	2.6049	0.0501
2437	30	LDR Biased	2.5425	2.5899	0.0474
2438	30	LDR Biased	2.5512	2.5864	0.0352
2439	30	LDR Unbiased	2.5595	2.588	0.0285
2440	30	LDR Unbiased	2.5642	2.5935	0.0293
2441	30	LDR Unbiased	2.5544	2.5864	0.032
2443	30	LDR Unbiased	2.5382	2.5698	0.0316
2444	30	LDR Unbiased	2.5583	2.5915	0.0332
3434	50	LDR Biased	2.5488	2.5935	0.0447
3435	50	LDR Biased	2.5398	2.6057	0.0659
3436	50	LDR Biased	2.5548	2.6136	0.0588
3437	50	LDR Biased	2.5425	2.599	0.0565
3438	50	LDR Biased	2.5512	2.5943	0.0431
3439	50	LDR Unbiased	2.5595	2.6038	0.0443
3440	50	LDR Unbiased	2.5642	2.6128	0.0486
3441	50	LDR Unbiased	2.5544	2.5955	0.0411
3443	50	LDR Unbiased	2.5382	2.5852	0.047
3444	50	LDR Unbiased	2.5583	2.6022	0.0439
4434	100	LDR Biased	2.5488	2.61	0.0612
4435	100	LDR Biased	2.5398	2.6155	0.0757
4436	100	LDR Biased	2.5548	2.6254	0.0706
4437	100	LDR Biased	2.5425	2.6132	0.0707
4438	100	LDR Biased	2.5512	2.61	0.0588
4439	100	LDR Unbiased	2.5595	2.6076	0.0481
4440	100	LDR Unbiased	2.5642	2.6187	0.0545
4441	100	LDR Unbiased	2.5544	2.6057	0.0513
4443	100	LDR Unbiased	2.5382	2.5895	0.0513
4444	100	LDR Unbiased	2.5583	2.608	0.0497
4500	150	LDR Biased	2.5323	2.6349	0.1026
4501	150	LDR Biased	2.5713	2.6579	0.0866
4502	150	LDR Biased	2.5761	2.6642	0.0881
4503	150	LDR Biased	2.5627	2.6365	0.0738
4504	150	LDR Biased	2.5702	2.6571	0.0869
4505	150	LDR Unbiased	2.5366	2.6215	0.0849
4506	150	LDR Unbiased	2.5263	2.614	0.0877
4507	150	LDR Unbiased	2.548	2.631	0.083
4508	150	LDR Unbiased	2.5441	2.6274	0.0833
4509	150	LDR Unbiased	2.5733	2.6444	0.0711

Test Statistics (A)

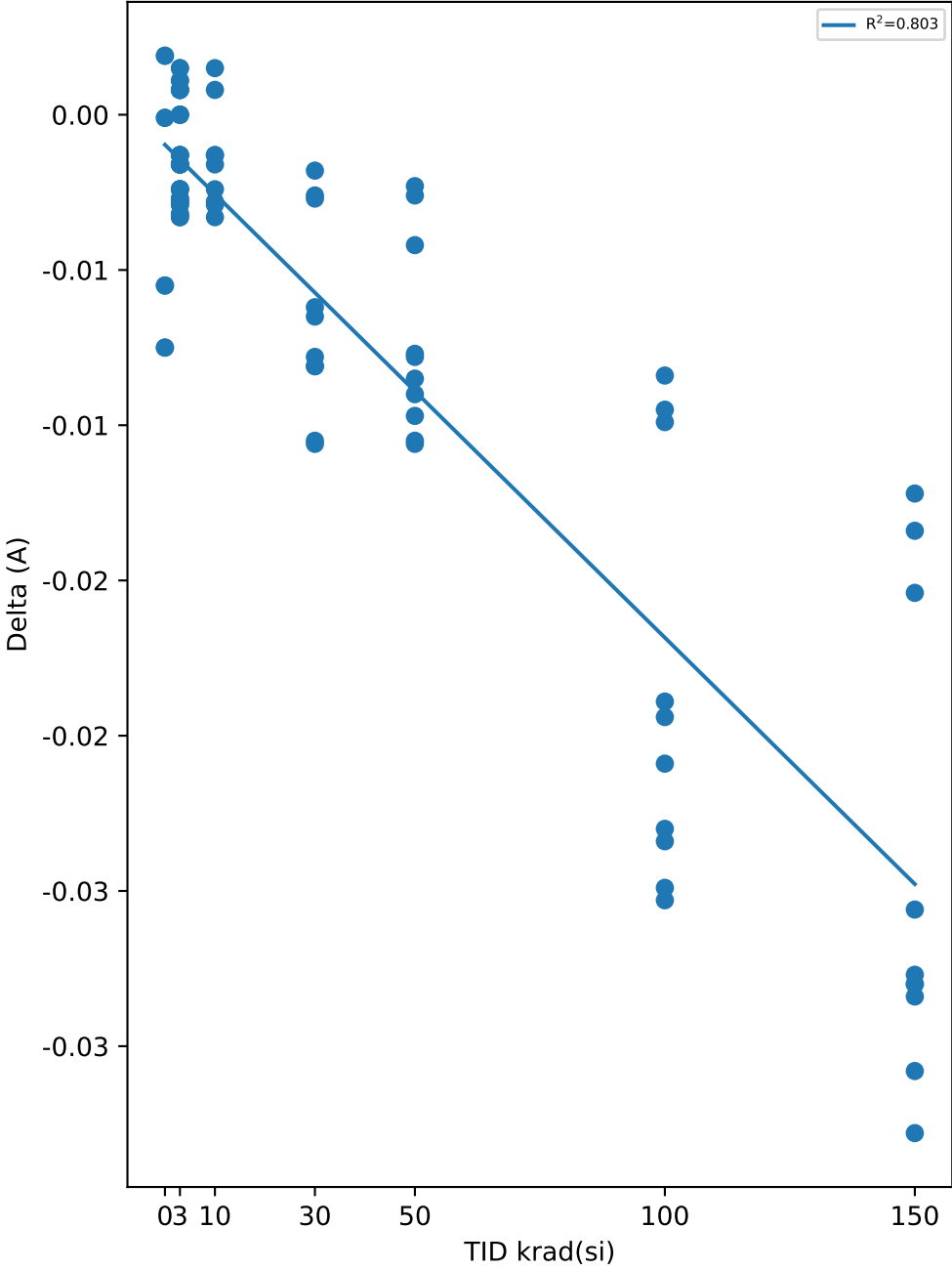
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.5382	2.5463	2.5544	0.011455	2.5713	2.5776	2.5839	0.0089095	0.0169	0.0313	0.0457	0.020365
3	2.5177	2.5459	2.5666	0.01862	2.5207	2.5467	2.5721	0.01793	-0.0068	0.00081111	0.0055	0.0046359
10	2.5177	2.5459	2.5666	0.01862	2.5286	2.5614	2.5866	0.017634	0.0074	0.015544	0.0327	0.0091672
30	2.5382	2.5512	2.5642	0.008768	2.5698	2.5884	2.6049	0.0091545	0.0285	0.03726	0.0537	0.0093721
50	2.5382	2.5512	2.5642	0.008768	2.5852	2.6006	2.6136	0.0088973	0.0411	0.04939	0.0659	0.0081945
100	2.5382	2.5512	2.5642	0.008768	2.5895	2.6104	2.6254	0.0094313	0.0481	0.05919	0.0757	0.0099944
150	2.5263	2.5541	2.5761	0.018777	2.614	2.6389	2.6642	0.016673	0.0711	0.0848	0.1026	0.0085504

Device Test: 51.0 IOH LO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 2.3 (A))

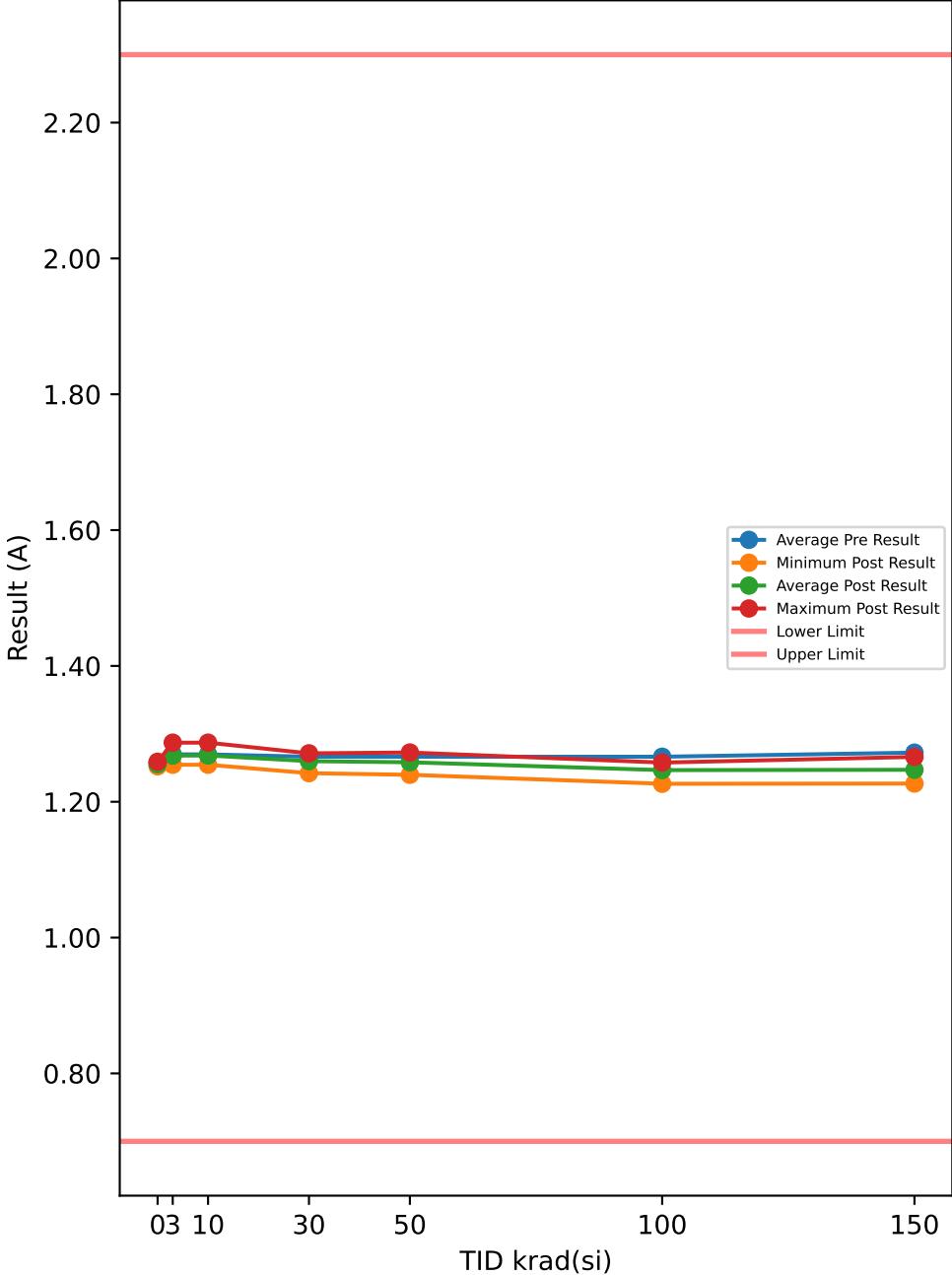
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.2529	1.2528	-0.0001
2	0	CORRELATION	1.2627	1.2552	-0.0075
259	3	LDR Biased	1.2686	1.2686	0
426	3	LDR Biased	1.2769	1.2745	-0.0024
427	3	LDR Biased	1.2757	1.273	-0.0027
428	3	LDR Biased	1.2828	1.2828	0
429	3	LDR Unbiased	1.2817	1.2801	-0.0016
430	3	LDR Unbiased	1.2726	1.271	-0.0016
431	3	LDR Unbiased	1.2532	1.254	0.0008
432	3	LDR Unbiased	1.2572	1.254	-0.0032
433	3	LDR Unbiased	1.258	1.2591	0.0011
1259	10	LDR Biased	1.2686	1.267	-0.0016
1426	10	LDR Biased	1.2769	1.2784	0.0015
1427	10	LDR Biased	1.2757	1.2765	0.0008
1428	10	LDR Biased	1.2828	1.2804	-0.0024
1429	10	LDR Unbiased	1.2817	1.2804	-0.0013
1430	10	LDR Unbiased	1.2726	1.2713	-0.0013
1431	10	LDR Unbiased	1.2532	1.2504	-0.0028
1432	10	LDR Unbiased	1.2572	1.2543	-0.0029
1433	10	LDR Unbiased	1.258	1.2547	-0.0033
2434	30	LDR Biased	1.2694	1.2629	-0.0065
2435	30	LDR Biased	1.2675	1.2648	-0.0027
2436	30	LDR Biased	1.2631	1.2613	-0.0018
2437	30	LDR Biased	1.2706	1.268	-0.0026
2438	30	LDR Biased	1.2671	1.2609	-0.0062
2439	30	LDR Unbiased	1.2817	1.2712	-0.0105
2440	30	LDR Unbiased	1.2825	1.2719	-0.0106
2441	30	LDR Unbiased	1.2529	1.2451	-0.0078
2443	30	LDR Unbiased	1.2627	1.2546	-0.0081
2444	30	LDR Unbiased	1.2631	1.255	-0.0081
3434	50	LDR Biased	1.2694	1.2609	-0.0085
3435	50	LDR Biased	1.2675	1.2652	-0.0023
3436	50	LDR Biased	1.2631	1.2605	-0.0026
3437	50	LDR Biased	1.2706	1.2664	-0.0042
3438	50	LDR Biased	1.2671	1.2581	-0.009
3439	50	LDR Unbiased	1.2817	1.2712	-0.0105
3440	50	LDR Unbiased	1.2825	1.2747	-0.0078
3441	50	LDR Unbiased	1.2529	1.2423	-0.0106
3443	50	LDR Unbiased	1.2627	1.255	-0.0077
3444	50	LDR Unbiased	1.2631	1.2534	-0.0097
4434	100	LDR Biased	1.2694	1.2505	-0.0189
4435	100	LDR Biased	1.2675	1.2591	-0.0084
4436	100	LDR Biased	1.2631	1.2532	-0.0099
4437	100	LDR Biased	1.2706	1.2611	-0.0095
4438	100	LDR Biased	1.2671	1.2477	-0.0194
4439	100	LDR Unbiased	1.2817	1.2564	-0.0253
4440	100	LDR Unbiased	1.2825	1.2595	-0.023
4441	100	LDR Unbiased	1.2529	1.2295	-0.0234
4443	100	LDR Unbiased	1.2627	1.2418	-0.0209
4444	100	LDR Unbiased	1.2631	1.2382	-0.0249
4500	150	LDR Biased	1.2836	1.2714	-0.0122
4501	150	LDR Biased	1.2773	1.2517	-0.0256
4502	150	LDR Biased	1.2722	1.2588	-0.0134
4503	150	LDR Biased	1.2671	1.2363	-0.0308
4504	150	LDR Biased	1.2536	1.2382	-0.0154
4505	150	LDR Unbiased	1.2765	1.2481	-0.0284
4506	150	LDR Unbiased	1.2682	1.2402	-0.028
4507	150	LDR Unbiased	1.2757	1.2477	-0.028
4508	150	LDR Unbiased	1.2813	1.2536	-0.0277
4509	150	LDR Unbiased	1.2805	1.2477	-0.0328

Test Statistics (A)

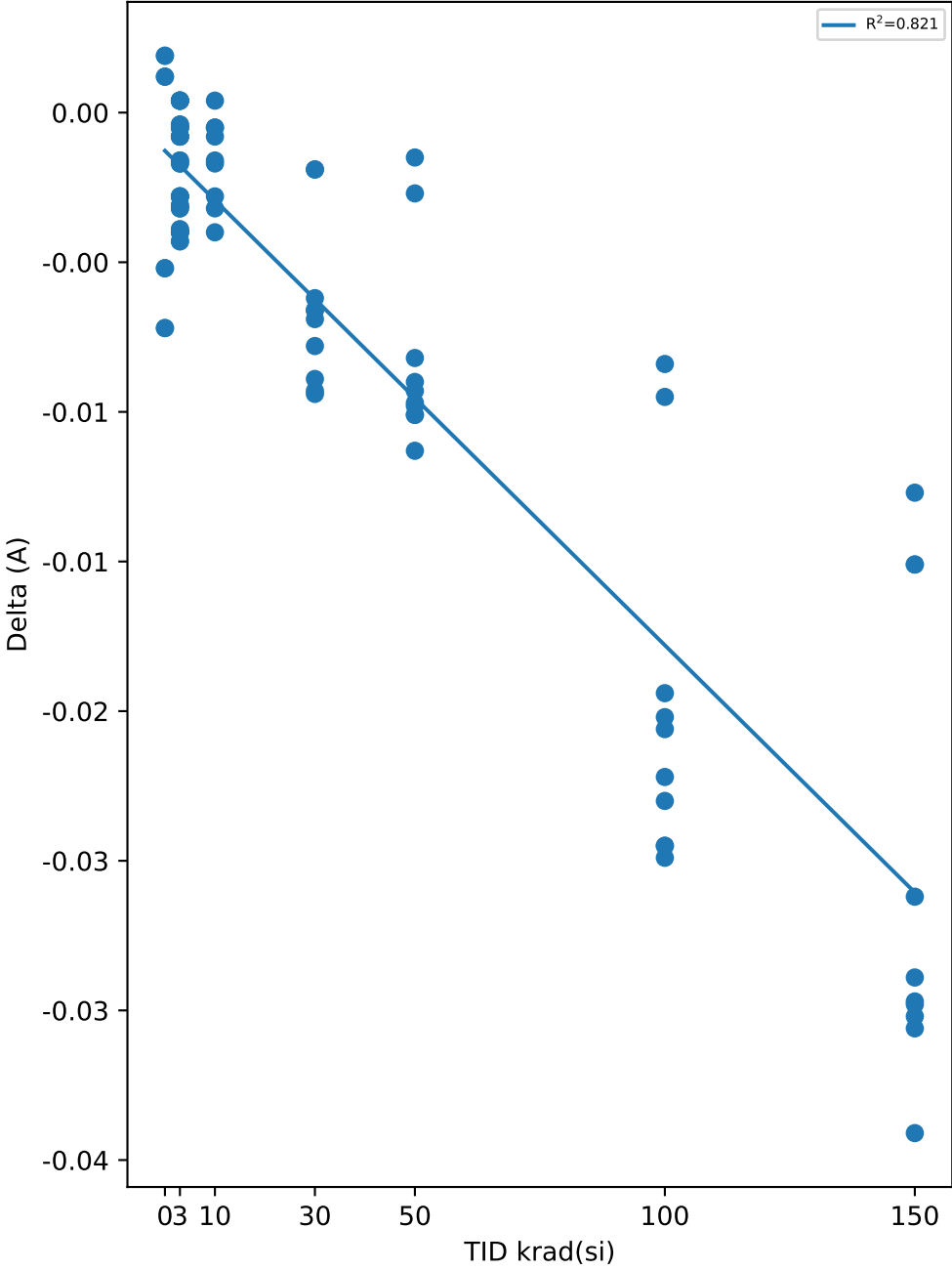
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2529	1.2578	1.2627	0.0069296	1.2528	1.254	1.2552	0.0016971	-0.0075	-0.0038	-0.0001	0.0052326
3	1.2532	1.2696	1.2828	0.011059	1.254	1.2686	1.2828	0.010668	-0.0032	-0.0010667	0.0011	0.0015819
10	1.2532	1.2696	1.2828	0.011059	1.2504	1.2682	1.2804	0.012114	-0.0033	-0.0014778	0.0015	0.0016612
30	1.2529	1.2681	1.2825	0.0088932	1.2451	1.2616	1.2719	0.0082766	-0.0106	-0.00649	-0.0018	0.0031876
50	1.2529	1.2681	1.2825	0.0088932	1.2423	1.2608	1.2747	0.0093697	-0.0106	-0.00729	-0.0023	0.0031328
100	1.2529	1.2681	1.2825	0.0088932	1.2295	1.2497	1.2611	0.010429	-0.0253	-0.01836	-0.0084	0.0066246
150	1.2536	1.2736	1.2836	0.0088618	1.2363	1.2494	1.2714	0.010459	-0.0328	-0.02423	-0.0122	0.0075742

Device Test: 51.1 IOH HO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 2.3 (A))

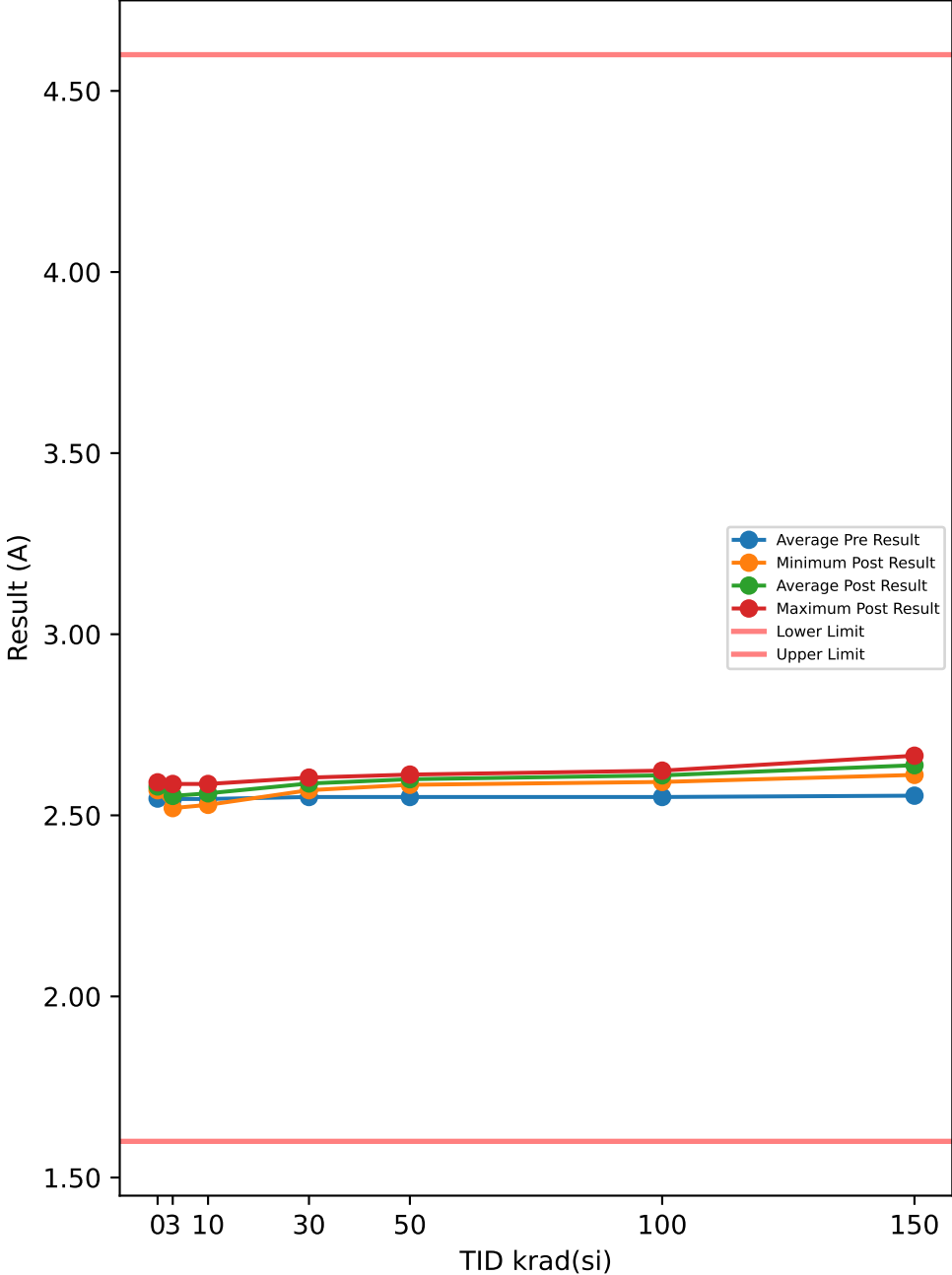
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.251	1.2522	0.0012
2	0	CORRELATION	1.2641	1.2569	-0.0072
259	3	LDR Biased	1.2665	1.2669	0.0004
426	3	LDR Biased	1.2787	1.2756	-0.0031
427	3	LDR Biased	1.274	1.27	-0.004
428	3	LDR Biased	1.2724	1.2716	-0.0008
429	3	LDR Unbiased	1.2886	1.2858	-0.0028
430	3	LDR Unbiased	1.2692	1.2653	-0.0039
431	3	LDR Unbiased	1.2562	1.2566	0.0004
432	3	LDR Unbiased	1.2617	1.2574	-0.0043
433	3	LDR Unbiased	1.2605	1.2601	-0.0004
1259	10	LDR Biased	1.2665	1.266	-0.0005
1426	10	LDR Biased	1.2787	1.2791	0.0004
1427	10	LDR Biased	1.274	1.2735	-0.0005
1428	10	LDR Biased	1.2724	1.2692	-0.0032
1429	10	LDR Unbiased	1.2886	1.287	-0.0016
1430	10	LDR Unbiased	1.2692	1.2664	-0.0028
1431	10	LDR Unbiased	1.2562	1.2545	-0.0017
1432	10	LDR Unbiased	1.2617	1.2609	-0.0008
1433	10	LDR Unbiased	1.2605	1.2565	-0.004
2434	30	LDR Biased	1.2657	1.2591	-0.0066
2435	30	LDR Biased	1.2661	1.2642	-0.0019
2436	30	LDR Biased	1.2574	1.2555	-0.0019
2437	30	LDR Biased	1.2696	1.263	-0.0066
2438	30	LDR Biased	1.2692	1.263	-0.0062
2439	30	LDR Unbiased	1.2799	1.2706	-0.0093
2440	30	LDR Unbiased	1.2807	1.2713	-0.0094
2441	30	LDR Unbiased	1.251	1.2421	-0.0089
2443	30	LDR Unbiased	1.2641	1.2563	-0.0078
2444	30	LDR Unbiased	1.2593	1.2524	-0.0069
3434	50	LDR Biased	1.2657	1.2559	-0.0098
3435	50	LDR Biased	1.2661	1.2634	-0.0027
3436	50	LDR Biased	1.2574	1.2559	-0.0015
3437	50	LDR Biased	1.2696	1.2603	-0.0093
3438	50	LDR Biased	1.2692	1.2595	-0.0097
3439	50	LDR Unbiased	1.2799	1.2698	-0.0101
3440	50	LDR Unbiased	1.2807	1.2725	-0.0082
3441	50	LDR Unbiased	1.251	1.2397	-0.0113
3443	50	LDR Unbiased	1.2641	1.2551	-0.009
3444	50	LDR Unbiased	1.2593	1.2492	-0.0101
4434	100	LDR Biased	1.2657	1.2463	-0.0194
4435	100	LDR Biased	1.2661	1.2577	-0.0084
4436	100	LDR Biased	1.2574	1.2479	-0.0095
4437	100	LDR Biased	1.2696	1.2494	-0.0202
4438	100	LDR Biased	1.2692	1.2486	-0.0206
4439	100	LDR Unbiased	1.2799	1.2554	-0.0245
4440	100	LDR Unbiased	1.2807	1.2577	-0.023
4441	100	LDR Unbiased	1.251	1.2265	-0.0245
4443	100	LDR Unbiased	1.2641	1.2419	-0.0222
4444	100	LDR Unbiased	1.2593	1.2344	-0.0249
4500	150	LDR Biased	1.2787	1.266	-0.0127
4501	150	LDR Biased	1.2791	1.2529	-0.0262
4502	150	LDR Biased	1.2712	1.2561	-0.0151
4503	150	LDR Biased	1.2574	1.2268	-0.0306
4504	150	LDR Biased	1.2625	1.2474	-0.0151
4505	150	LDR Unbiased	1.2748	1.2446	-0.0302
4506	150	LDR Unbiased	1.2629	1.2332	-0.0297
4507	150	LDR Unbiased	1.2759	1.247	-0.0289
4508	150	LDR Unbiased	1.2831	1.2533	-0.0298
4509	150	LDR Unbiased	1.2775	1.2434	-0.0341

Test Statistics (A)

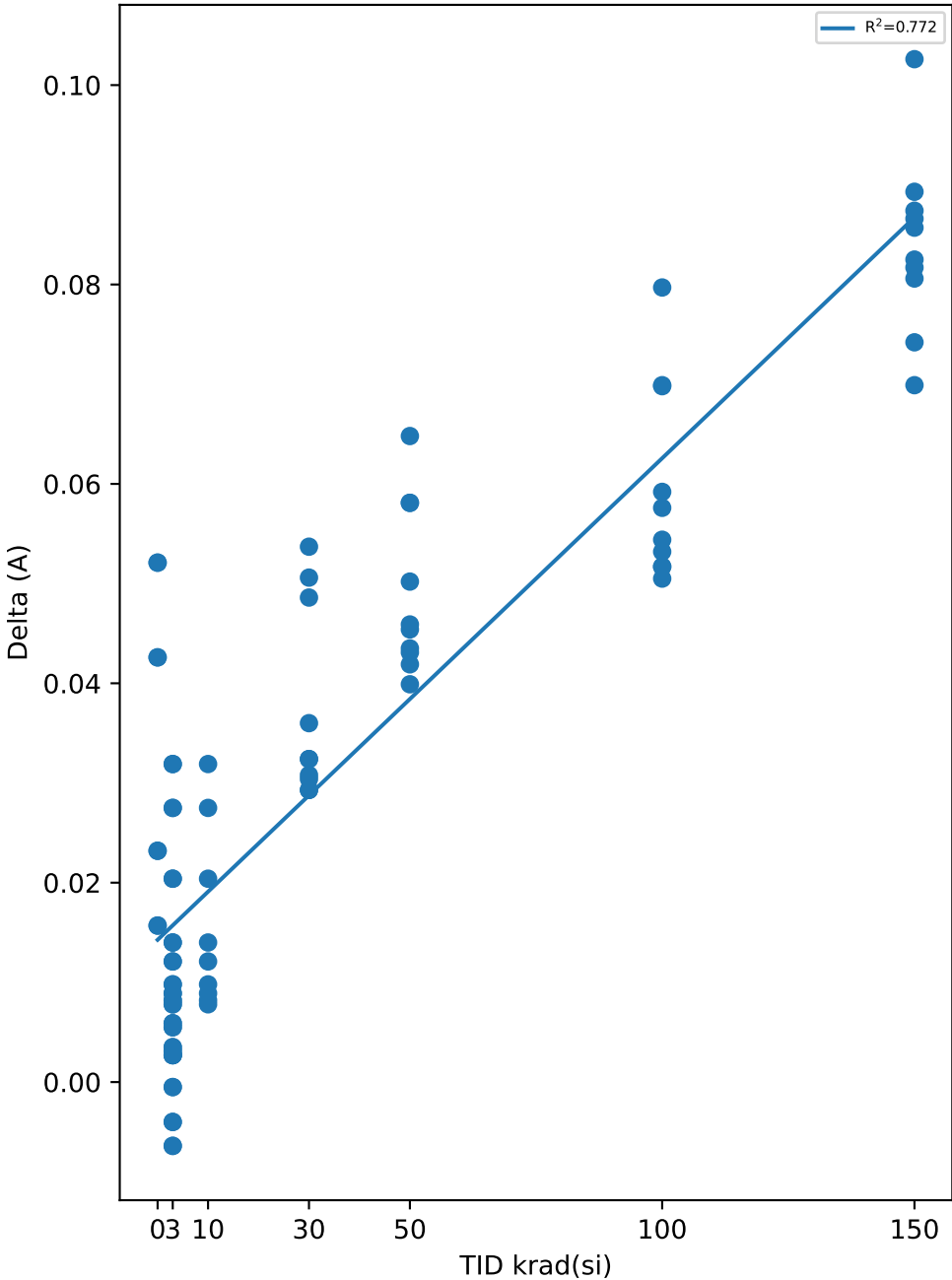
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.251	1.2575	1.2641	0.0092631	1.2522	1.2546	1.2569	0.0033234	-0.0072	-0.003	0.0012	0.0059397
3	1.2562	1.2698	1.2886	0.010033	1.2566	1.2677	1.2858	0.0093807	-0.0043	-0.0020556	0.0004	0.0019443
10	1.2562	1.2698	1.2886	0.010033	1.2545	1.2681	1.287	0.010531	-0.004	-0.0016333	0.0004	0.00145
30	1.251	1.2663	1.2807	0.0093045	1.2421	1.2597	1.2713	0.0087432	-0.0094	-0.00655	-0.0019	0.0027134
50	1.251	1.2663	1.2807	0.0093045	1.2397	1.2581	1.2725	0.0095195	-0.0113	-0.00817	-0.0015	0.0033103
100	1.251	1.2663	1.2807	0.0093045	1.2265	1.2466	1.2577	0.010069	-0.0249	-0.01972	-0.0084	0.005992
150	1.2574	1.2723	1.2831	0.0085486	1.2268	1.2471	1.266	0.011233	-0.0341	-0.02524	-0.0127	0.0078154

Device Test: 51.2 IOL LO VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.6, Upper Limit = 4.6 (A))

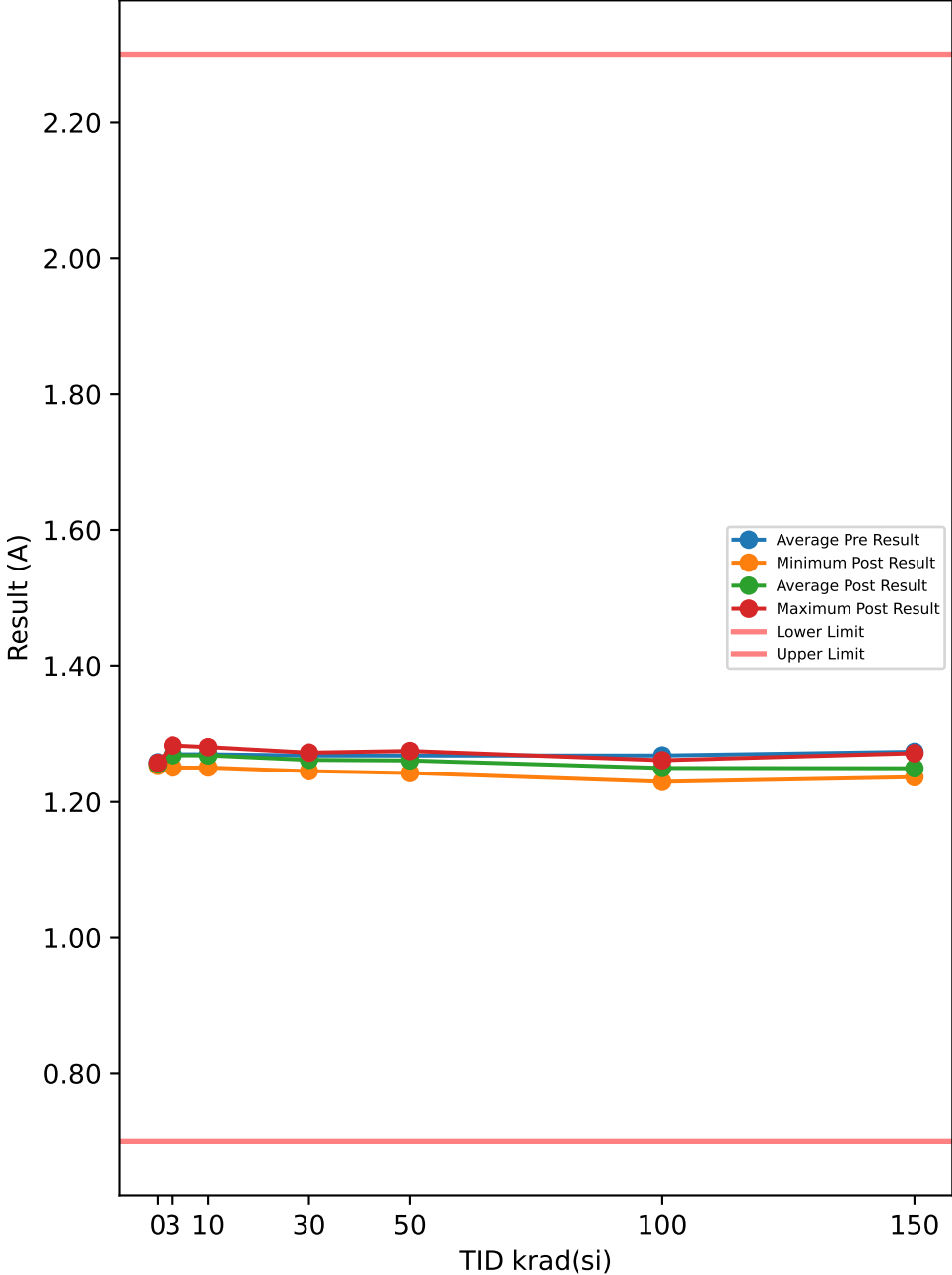
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.5536	2.5693	0.0157
2	0	CORRELATION	2.539	2.5816	0.0426
259	3	LDR Biased	2.5662	2.5721	0.0059
426	3	LDR Biased	2.5173	2.52	0.0027
427	3	LDR Biased	2.5338	2.5373	0.0035
428	3	LDR Biased	2.5417	2.5444	0.0027
429	3	LDR Unbiased	2.5623	2.5618	-0.0005
430	3	LDR Unbiased	2.5603	2.5539	-0.0064
431	3	LDR Unbiased	2.5208	2.5239	0.0031
432	3	LDR Unbiased	2.5453	2.5413	-0.004
433	3	LDR Unbiased	2.5587	2.5642	0.0055
1259	10	LDR Biased	2.5662	2.5866	0.0204
1426	10	LDR Biased	2.5173	2.5448	0.0275
1427	10	LDR Biased	2.5338	2.5657	0.0319
1428	10	LDR Biased	2.5417	2.5515	0.0098
1429	10	LDR Unbiased	2.5623	2.5763	0.014
1430	10	LDR Unbiased	2.5603	2.5692	0.0089
1431	10	LDR Unbiased	2.5208	2.529	0.0082
1432	10	LDR Unbiased	2.5453	2.5574	0.0121
1433	10	LDR Unbiased	2.5587	2.5665	0.0078
2434	30	LDR Biased	2.5504	2.5797	0.0293
2435	30	LDR Biased	2.5394	2.5931	0.0537
2436	30	LDR Biased	2.5536	2.6042	0.0506
2437	30	LDR Biased	2.5417	2.5903	0.0486
2438	30	LDR Biased	2.5496	2.5856	0.036
2439	30	LDR Unbiased	2.5579	2.5872	0.0293
2440	30	LDR Unbiased	2.5623	2.5931	0.0308
2441	30	LDR Unbiased	2.5536	2.586	0.0324
2443	30	LDR Unbiased	2.539	2.5694	0.0304
2444	30	LDR Unbiased	2.5587	2.5911	0.0324
3434	50	LDR Biased	2.5504	2.5923	0.0419
3435	50	LDR Biased	2.5394	2.6042	0.0648
3436	50	LDR Biased	2.5536	2.6117	0.0581
3437	50	LDR Biased	2.5417	2.5998	0.0581
3438	50	LDR Biased	2.5496	2.5927	0.0431
3439	50	LDR Unbiased	2.5579	2.6038	0.0459
3440	50	LDR Unbiased	2.5623	2.6125	0.0502
3441	50	LDR Unbiased	2.5536	2.5935	0.0399
3443	50	LDR Unbiased	2.539	2.5844	0.0454
3444	50	LDR Unbiased	2.5587	2.6022	0.0435
4434	100	LDR Biased	2.5504	2.608	0.0576
4435	100	LDR Biased	2.5394	2.6191	0.0797
4436	100	LDR Biased	2.5536	2.6234	0.0698
4437	100	LDR Biased	2.5417	2.6116	0.0699
4438	100	LDR Biased	2.5496	2.6088	0.0592
4439	100	LDR Unbiased	2.5579	2.6096	0.0517
4440	100	LDR Unbiased	2.5623	2.6167	0.0544
4441	100	LDR Unbiased	2.5536	2.6053	0.0517
4443	100	LDR Unbiased	2.539	2.5922	0.0532
4444	100	LDR Unbiased	2.5587	2.6092	0.0505
4500	150	LDR Biased	2.5331	2.6357	0.1026
4501	150	LDR Biased	2.5713	2.6579	0.0866
4502	150	LDR Biased	2.5753	2.6646	0.0893
4503	150	LDR Biased	2.5619	2.6361	0.0742
4504	150	LDR Biased	2.5709	2.6583	0.0874
4505	150	LDR Unbiased	2.5378	2.6203	0.0825
4506	150	LDR Unbiased	2.5259	2.6116	0.0857
4507	150	LDR Unbiased	2.5484	2.629	0.0806
4508	150	LDR Unbiased	2.5445	2.6262	0.0817
4509	150	LDR Unbiased	2.5737	2.6436	0.0699

Test Statistics (A)

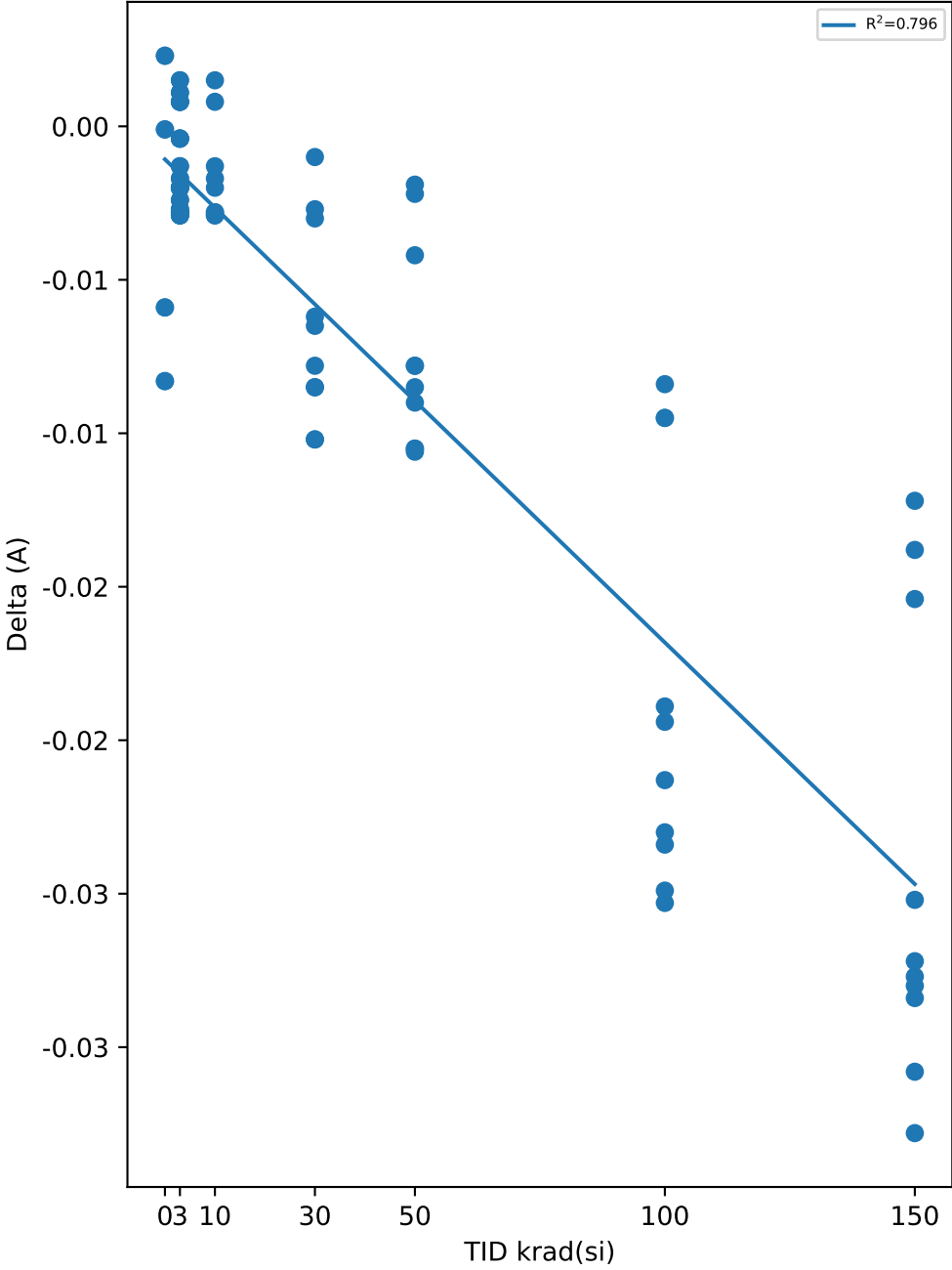
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.539	2.5463	2.5536	0.010324	2.5693	2.5755	2.5816	0.0086974	0.0157	0.02915	0.0426	0.019021
3	2.5173	2.5452	2.5662	0.018233	2.52	2.5465	2.5721	0.017981	-0.0064	0.0013889	0.0059	0.0042034
10	2.5173	2.5452	2.5662	0.018233	2.529	2.5608	2.5866	0.017314	0.0078	0.015622	0.0319	0.0089392
30	2.539	2.5506	2.5623	0.0082599	2.5694	2.588	2.6042	0.0091567	0.0293	0.03735	0.0537	0.0096672
50	2.539	2.5506	2.5623	0.0082599	2.5844	2.5997	2.6125	0.0089904	0.0399	0.04909	0.0648	0.008416
100	2.539	2.5506	2.5623	0.0082599	2.5922	2.6104	2.6234	0.008521	0.0505	0.05977	0.0797	0.0099646
150	2.5259	2.5543	2.5753	0.018556	2.6116	2.6383	2.6646	0.017592	0.0699	0.08405	0.1026	0.0088768

Device Test: 52.0 IOH LO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 2.3 (A))

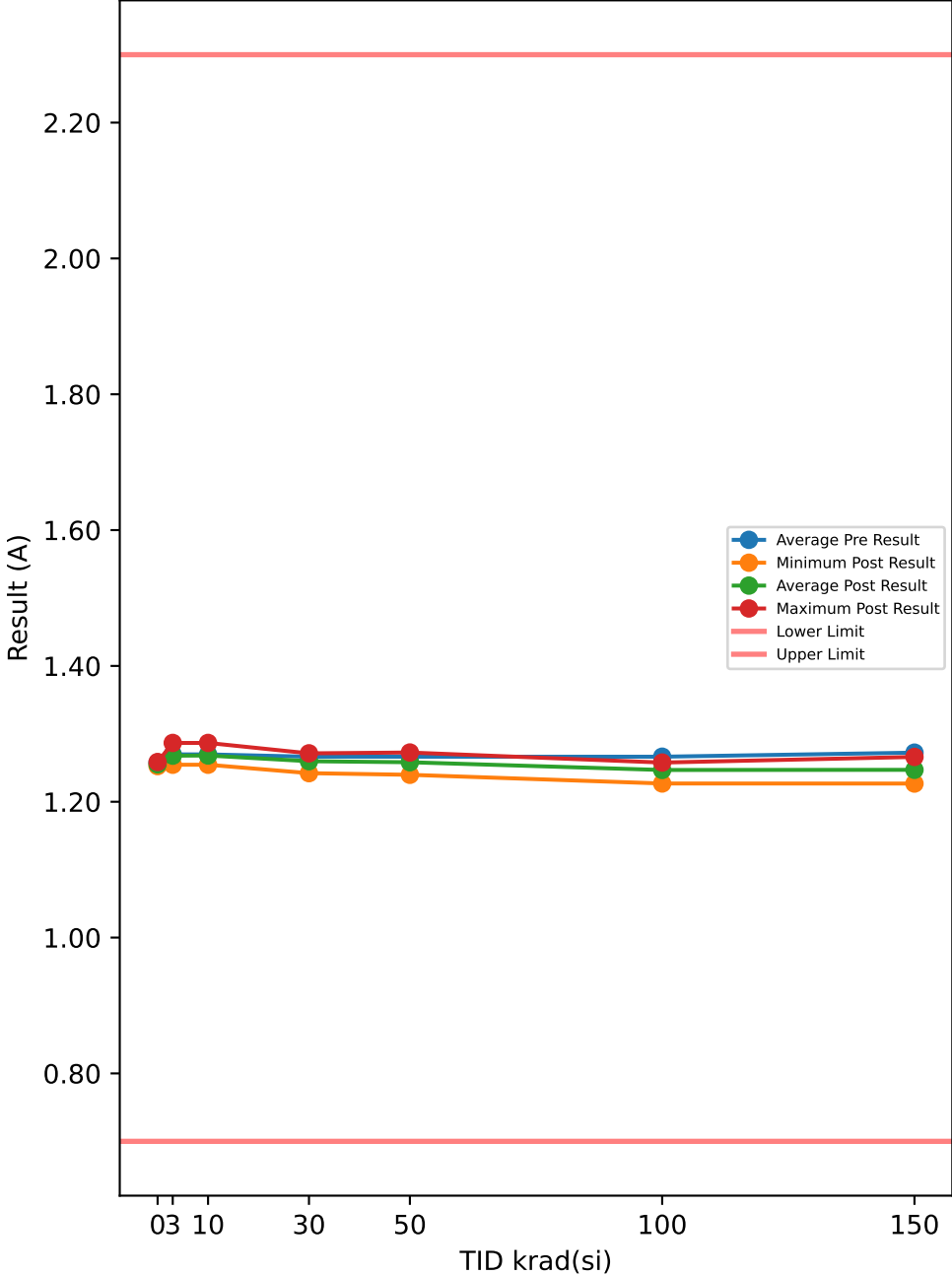
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.2529	1.2528	-0.0001
2	0	CORRELATION	1.2631	1.2548	-0.0083
259	3	LDR Biased	1.269	1.2686	-0.0004
426	3	LDR Biased	1.2769	1.2745	-0.0024
427	3	LDR Biased	1.2757	1.273	-0.0027
428	3	LDR Biased	1.2832	1.2828	-0.0004
429	3	LDR Unbiased	1.2821	1.2801	-0.002
430	3	LDR Unbiased	1.273	1.271	-0.002
431	3	LDR Unbiased	1.2532	1.254	0.0008
432	3	LDR Unbiased	1.2572	1.2544	-0.0028
433	3	LDR Unbiased	1.258	1.2591	0.0011
1259	10	LDR Biased	1.269	1.267	-0.002
1426	10	LDR Biased	1.2769	1.2784	0.0015
1427	10	LDR Biased	1.2757	1.2765	0.0008
1428	10	LDR Biased	1.2832	1.2804	-0.0028
1429	10	LDR Unbiased	1.2821	1.2804	-0.0017
1430	10	LDR Unbiased	1.273	1.2717	-0.0013
1431	10	LDR Unbiased	1.2532	1.2504	-0.0028
1432	10	LDR Unbiased	1.2572	1.2543	-0.0029
1433	10	LDR Unbiased	1.258	1.2551	-0.0029
2434	30	LDR Biased	1.2694	1.2629	-0.0065
2435	30	LDR Biased	1.2675	1.2648	-0.0027
2436	30	LDR Biased	1.2627	1.2617	-0.001
2437	30	LDR Biased	1.2706	1.2676	-0.003
2438	30	LDR Biased	1.2671	1.2609	-0.0062
2439	30	LDR Unbiased	1.2817	1.2715	-0.0102
2440	30	LDR Unbiased	1.2825	1.2723	-0.0102
2441	30	LDR Unbiased	1.2529	1.2451	-0.0078
2443	30	LDR Unbiased	1.2631	1.2546	-0.0085
2444	30	LDR Unbiased	1.2635	1.255	-0.0085
3434	50	LDR Biased	1.2694	1.2609	-0.0085
3435	50	LDR Biased	1.2675	1.2656	-0.0019
3436	50	LDR Biased	1.2627	1.2605	-0.0022
3437	50	LDR Biased	1.2706	1.2664	-0.0042
3438	50	LDR Biased	1.2671	1.2581	-0.009
3439	50	LDR Unbiased	1.2817	1.2712	-0.0105
3440	50	LDR Unbiased	1.2825	1.2747	-0.0078
3441	50	LDR Unbiased	1.2529	1.2423	-0.0106
3443	50	LDR Unbiased	1.2631	1.2553	-0.0078
3444	50	LDR Unbiased	1.2635	1.253	-0.0105
4434	100	LDR Biased	1.2694	1.2505	-0.0189
4435	100	LDR Biased	1.2675	1.2591	-0.0084
4436	100	LDR Biased	1.2627	1.2532	-0.0095
4437	100	LDR Biased	1.2706	1.2611	-0.0095
4438	100	LDR Biased	1.2671	1.2477	-0.0194
4439	100	LDR Unbiased	1.2817	1.2564	-0.0253
4440	100	LDR Unbiased	1.2825	1.2595	-0.023
4441	100	LDR Unbiased	1.2529	1.2295	-0.0234
4443	100	LDR Unbiased	1.2631	1.2418	-0.0213
4444	100	LDR Unbiased	1.2635	1.2386	-0.0249
4500	150	LDR Biased	1.2836	1.2714	-0.0122
4501	150	LDR Biased	1.2773	1.2521	-0.0252
4502	150	LDR Biased	1.2722	1.2584	-0.0138
4503	150	LDR Biased	1.2671	1.2363	-0.0308
4504	150	LDR Biased	1.2536	1.2382	-0.0154
4505	150	LDR Unbiased	1.2765	1.2481	-0.0284
4506	150	LDR Unbiased	1.2678	1.2406	-0.0272
4507	150	LDR Unbiased	1.2757	1.2477	-0.028
4508	150	LDR Unbiased	1.2809	1.2532	-0.0277
4509	150	LDR Unbiased	1.2805	1.2477	-0.0328

Test Statistics (A)

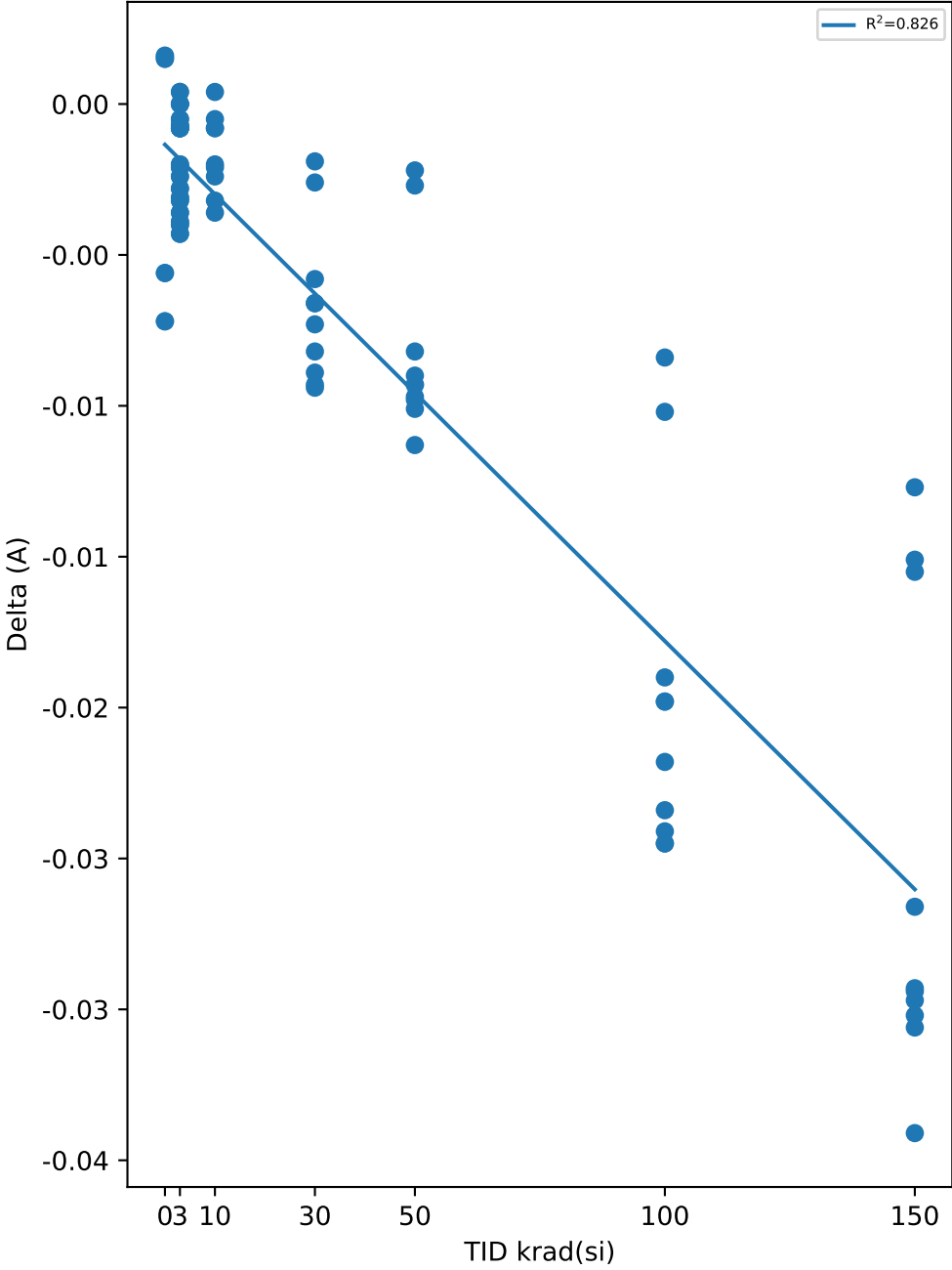
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2529	1.258	1.2631	0.0072125	1.2528	1.2538	1.2548	0.0014142	-0.0083	-0.0042	-0.0001	0.0057983
3	1.2532	1.2698	1.2832	0.011183	1.254	1.2686	1.2828	0.0106	-0.0028	-0.0012	0.0011	0.0015042
10	1.2532	1.2698	1.2832	0.011183	1.2504	1.2682	1.2804	0.012072	-0.0029	-0.0015667	0.0015	0.0016538
30	1.2529	1.2681	1.2825	0.0088693	1.2451	1.2616	1.2723	0.0083382	-0.0102	-0.00646	-0.001	0.0032332
50	1.2529	1.2681	1.2825	0.0088693	1.2423	1.2608	1.2747	0.0094074	-0.0106	-0.0073	-0.0019	0.0033496
100	1.2529	1.2681	1.2825	0.0088693	1.2295	1.2497	1.2611	0.01038	-0.0253	-0.01836	-0.0084	0.0067006
150	1.2536	1.2735	1.2836	0.0088518	1.2363	1.2494	1.2714	0.010375	-0.0328	-0.02415	-0.0122	0.0074642

Device Test: 52.1 IOH HO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.7, Upper Limit = 2.3 (A))

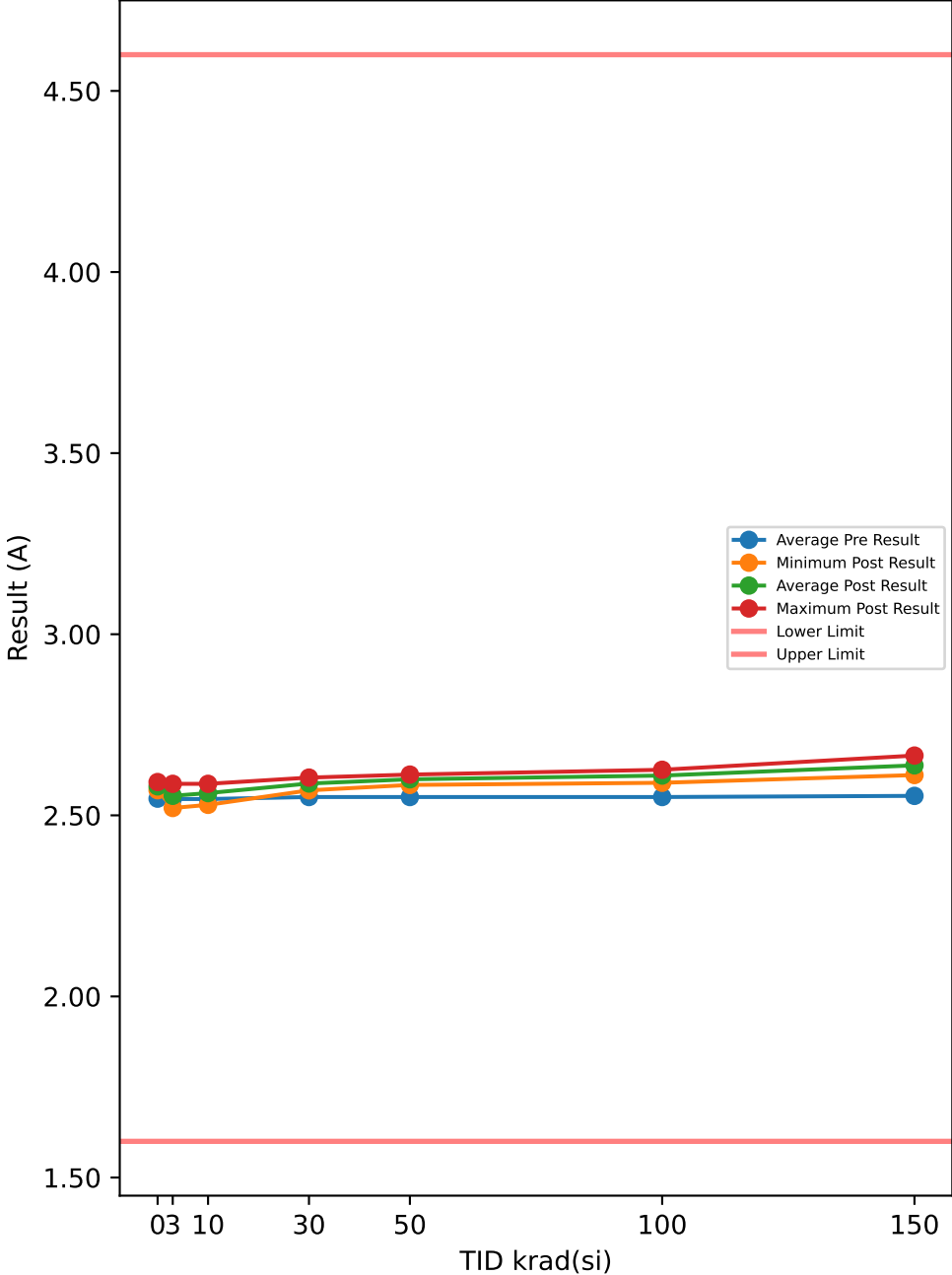
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.251	1.2526	0.0016
2	0	CORRELATION	1.2641	1.2569	-0.0072
259	3	LDR Biased	1.2668	1.2661	-0.0007
426	3	LDR Biased	1.2787	1.2756	-0.0031
427	3	LDR Biased	1.274	1.27	-0.004
428	3	LDR Biased	1.2724	1.2716	-0.0008
429	3	LDR Unbiased	1.2886	1.2858	-0.0028
430	3	LDR Unbiased	1.2688	1.2649	-0.0039
431	3	LDR Unbiased	1.2566	1.2566	0
432	3	LDR Unbiased	1.2617	1.2574	-0.0043
433	3	LDR Unbiased	1.2601	1.2601	0
1259	10	LDR Biased	1.2668	1.266	-0.0008
1426	10	LDR Biased	1.2787	1.2791	0.0004
1427	10	LDR Biased	1.274	1.2735	-0.0005
1428	10	LDR Biased	1.2724	1.2692	-0.0032
1429	10	LDR Unbiased	1.2886	1.2866	-0.002
1430	10	LDR Unbiased	1.2688	1.2664	-0.0024
1431	10	LDR Unbiased	1.2566	1.2545	-0.0021
1432	10	LDR Unbiased	1.2617	1.2609	-0.0008
1433	10	LDR Unbiased	1.2601	1.2565	-0.0036
2434	30	LDR Biased	1.2657	1.2591	-0.0066
2435	30	LDR Biased	1.2661	1.2642	-0.0019
2436	30	LDR Biased	1.2581	1.2555	-0.0026
2437	30	LDR Biased	1.2696	1.263	-0.0066
2438	30	LDR Biased	1.2688	1.263	-0.0058
2439	30	LDR Unbiased	1.2799	1.2706	-0.0093
2440	30	LDR Unbiased	1.2807	1.2713	-0.0094
2441	30	LDR Unbiased	1.251	1.2421	-0.0089
2443	30	LDR Unbiased	1.2641	1.2559	-0.0082
2444	30	LDR Unbiased	1.2593	1.252	-0.0073
3434	50	LDR Biased	1.2657	1.2559	-0.0098
3435	50	LDR Biased	1.2661	1.2634	-0.0027
3436	50	LDR Biased	1.2581	1.2559	-0.0022
3437	50	LDR Biased	1.2696	1.2599	-0.0097
3438	50	LDR Biased	1.2688	1.2595	-0.0093
3439	50	LDR Unbiased	1.2799	1.2698	-0.0101
3440	50	LDR Unbiased	1.2807	1.2725	-0.0082
3441	50	LDR Unbiased	1.251	1.2397	-0.0113
3443	50	LDR Unbiased	1.2641	1.2551	-0.009
3444	50	LDR Unbiased	1.2593	1.25	-0.0093
4434	100	LDR Biased	1.2657	1.2467	-0.019
4435	100	LDR Biased	1.2661	1.2577	-0.0084
4436	100	LDR Biased	1.2581	1.2479	-0.0102
4437	100	LDR Biased	1.2696	1.2498	-0.0198
4438	100	LDR Biased	1.2688	1.249	-0.0198
4439	100	LDR Unbiased	1.2799	1.2554	-0.0245
4440	100	LDR Unbiased	1.2807	1.2573	-0.0234
4441	100	LDR Unbiased	1.251	1.2269	-0.0241
4443	100	LDR Unbiased	1.2641	1.2423	-0.0218
4444	100	LDR Unbiased	1.2593	1.2348	-0.0245
4500	150	LDR Biased	1.2787	1.266	-0.0127
4501	150	LDR Biased	1.2795	1.2529	-0.0266
4502	150	LDR Biased	1.2712	1.2557	-0.0155
4503	150	LDR Biased	1.2574	1.2268	-0.0306
4504	150	LDR Biased	1.2625	1.2474	-0.0151
4505	150	LDR Unbiased	1.2748	1.2446	-0.0302
4506	150	LDR Unbiased	1.2629	1.2332	-0.0297
4507	150	LDR Unbiased	1.2763	1.247	-0.0293
4508	150	LDR Unbiased	1.2827	1.2533	-0.0294
4509	150	LDR Unbiased	1.2771	1.243	-0.0341

Test Statistics (A)

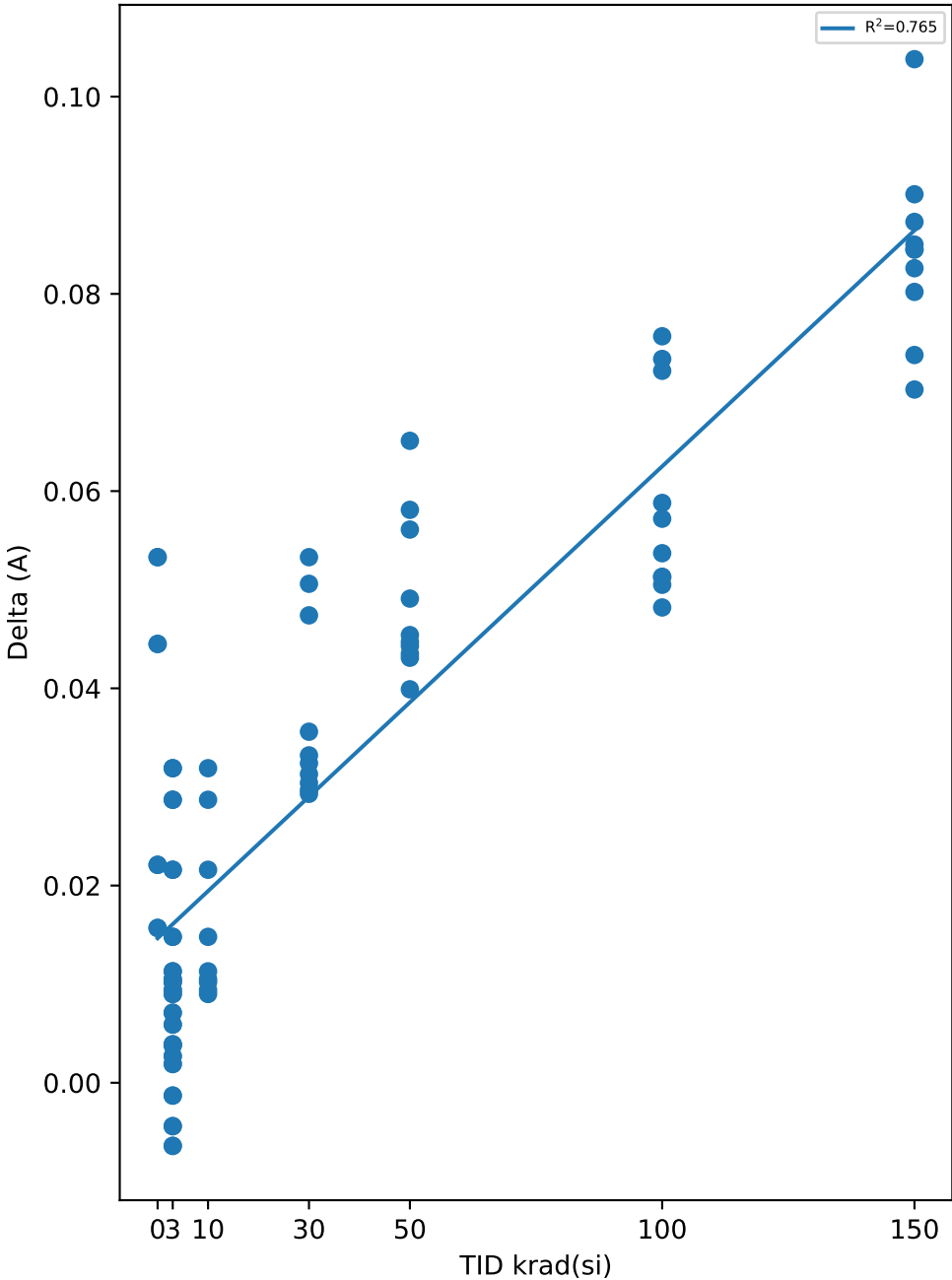
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.251	1.2575	1.2641	0.0092631	1.2526	1.2548	1.2569	0.0030406	-0.0072	-0.0028	0.0016	0.0062225
3	1.2566	1.2697	1.2886	0.010006	1.2566	1.2676	1.2858	0.0094062	-0.0043	-0.0021778	0	0.0017887
10	1.2566	1.2697	1.2886	0.010006	1.2545	1.2681	1.2866	0.010442	-0.0036	-0.0016667	0.0004	0.0013257
30	1.251	1.2663	1.2807	0.0092197	1.2421	1.2597	1.2713	0.0087995	-0.0094	-0.00666	-0.0019	0.0026281
50	1.251	1.2663	1.2807	0.0092197	1.2397	1.2582	1.2725	0.0094301	-0.0113	-0.00816	-0.0022	0.0031149
100	1.251	1.2663	1.2807	0.0092197	1.2269	1.2468	1.2577	0.0098789	-0.0245	-0.01955	-0.0084	0.0057905
150	1.2574	1.2723	1.2827	0.0085236	1.2268	1.247	1.266	0.011213	-0.0341	-0.02532	-0.0127	0.007762

Device Test: 52.2 IOL LO VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.6, Upper Limit = 4.6 (A))

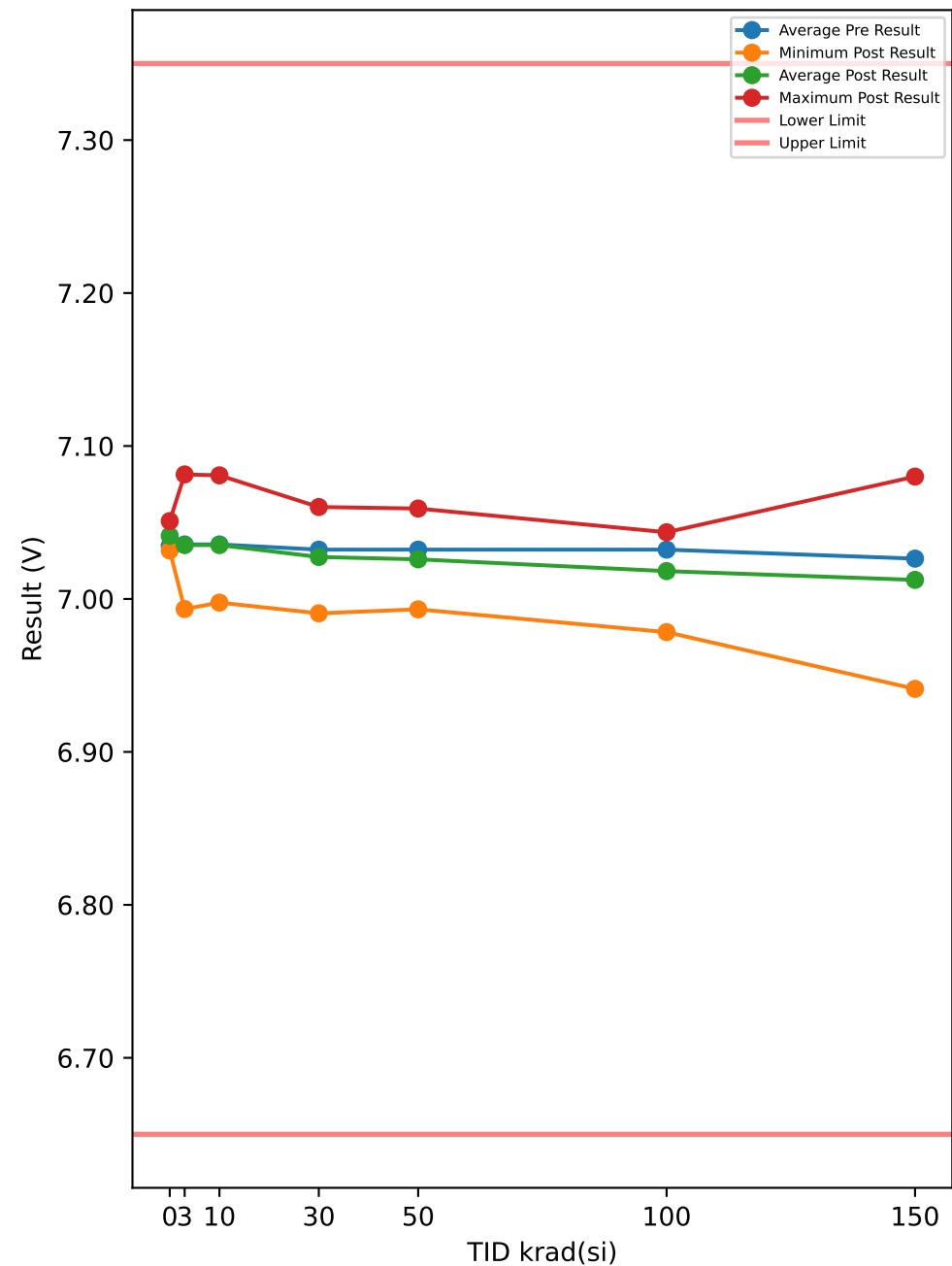
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.5536	2.5693	0.0157
2	0	CORRELATION	2.5386	2.5831	0.0445
259	3	LDR Biased	2.5654	2.5725	0.0071
426	3	LDR Biased	2.5165	2.5203	0.0038
427	3	LDR Biased	2.5342	2.5369	0.0027
428	3	LDR Biased	2.5429	2.5448	0.0019
429	3	LDR Unbiased	2.5627	2.5614	-0.0013
430	3	LDR Unbiased	2.5595	2.5531	-0.0064
431	3	LDR Unbiased	2.5196	2.5235	0.0039
432	3	LDR Unbiased	2.5457	2.5413	-0.0044
433	3	LDR Unbiased	2.5587	2.5646	0.0059
1259	10	LDR Biased	2.5654	2.587	0.0216
1426	10	LDR Biased	2.5165	2.5452	0.0287
1427	10	LDR Biased	2.5342	2.5661	0.0319
1428	10	LDR Biased	2.5429	2.5531	0.0102
1429	10	LDR Unbiased	2.5627	2.5775	0.0148
1430	10	LDR Unbiased	2.5595	2.57	0.0105
1431	10	LDR Unbiased	2.5196	2.529	0.0094
1432	10	LDR Unbiased	2.5457	2.557	0.0113
1433	10	LDR Unbiased	2.5587	2.5677	0.009
2434	30	LDR Biased	2.5484	2.5797	0.0313
2435	30	LDR Biased	2.5394	2.5927	0.0533
2436	30	LDR Biased	2.5536	2.6042	0.0506
2437	30	LDR Biased	2.5425	2.5899	0.0474
2438	30	LDR Biased	2.55	2.5856	0.0356
2439	30	LDR Unbiased	2.5583	2.5876	0.0293
2440	30	LDR Unbiased	2.5634	2.5931	0.0297
2441	30	LDR Unbiased	2.5536	2.586	0.0324
2443	30	LDR Unbiased	2.5386	2.569	0.0304
2444	30	LDR Unbiased	2.5579	2.5911	0.0332
3434	50	LDR Biased	2.5484	2.5915	0.0431
3435	50	LDR Biased	2.5394	2.6045	0.0651
3436	50	LDR Biased	2.5536	2.6117	0.0581
3437	50	LDR Biased	2.5425	2.5986	0.0561
3438	50	LDR Biased	2.55	2.5935	0.0435
3439	50	LDR Unbiased	2.5583	2.603	0.0447
3440	50	LDR Unbiased	2.5634	2.6125	0.0491
3441	50	LDR Unbiased	2.5536	2.5935	0.0399
3443	50	LDR Unbiased	2.5386	2.584	0.0454
3444	50	LDR Unbiased	2.5579	2.6022	0.0443
4434	100	LDR Biased	2.5484	2.6072	0.0588
4435	100	LDR Biased	2.5394	2.6151	0.0757
4436	100	LDR Biased	2.5536	2.6258	0.0722
4437	100	LDR Biased	2.5425	2.6159	0.0734
4438	100	LDR Biased	2.55	2.6072	0.0572
4439	100	LDR Unbiased	2.5583	2.6096	0.0513
4440	100	LDR Unbiased	2.5634	2.6171	0.0537
4441	100	LDR Unbiased	2.5536	2.6041	0.0505
4443	100	LDR Unbiased	2.5386	2.5899	0.0513
4444	100	LDR Unbiased	2.5579	2.6061	0.0482
4500	150	LDR Biased	2.5319	2.6357	0.1038
4501	150	LDR Biased	2.5709	2.6559	0.085
4502	150	LDR Biased	2.5749	2.665	0.0901
4503	150	LDR Biased	2.5619	2.6357	0.0738
4504	150	LDR Biased	2.5702	2.6575	0.0873
4505	150	LDR Unbiased	2.5366	2.6211	0.0845
4506	150	LDR Unbiased	2.5267	2.6112	0.0845
4507	150	LDR Unbiased	2.5484	2.6286	0.0802
4508	150	LDR Unbiased	2.5433	2.6259	0.0826
4509	150	LDR Unbiased	2.5725	2.6428	0.0703

Test Statistics (A)

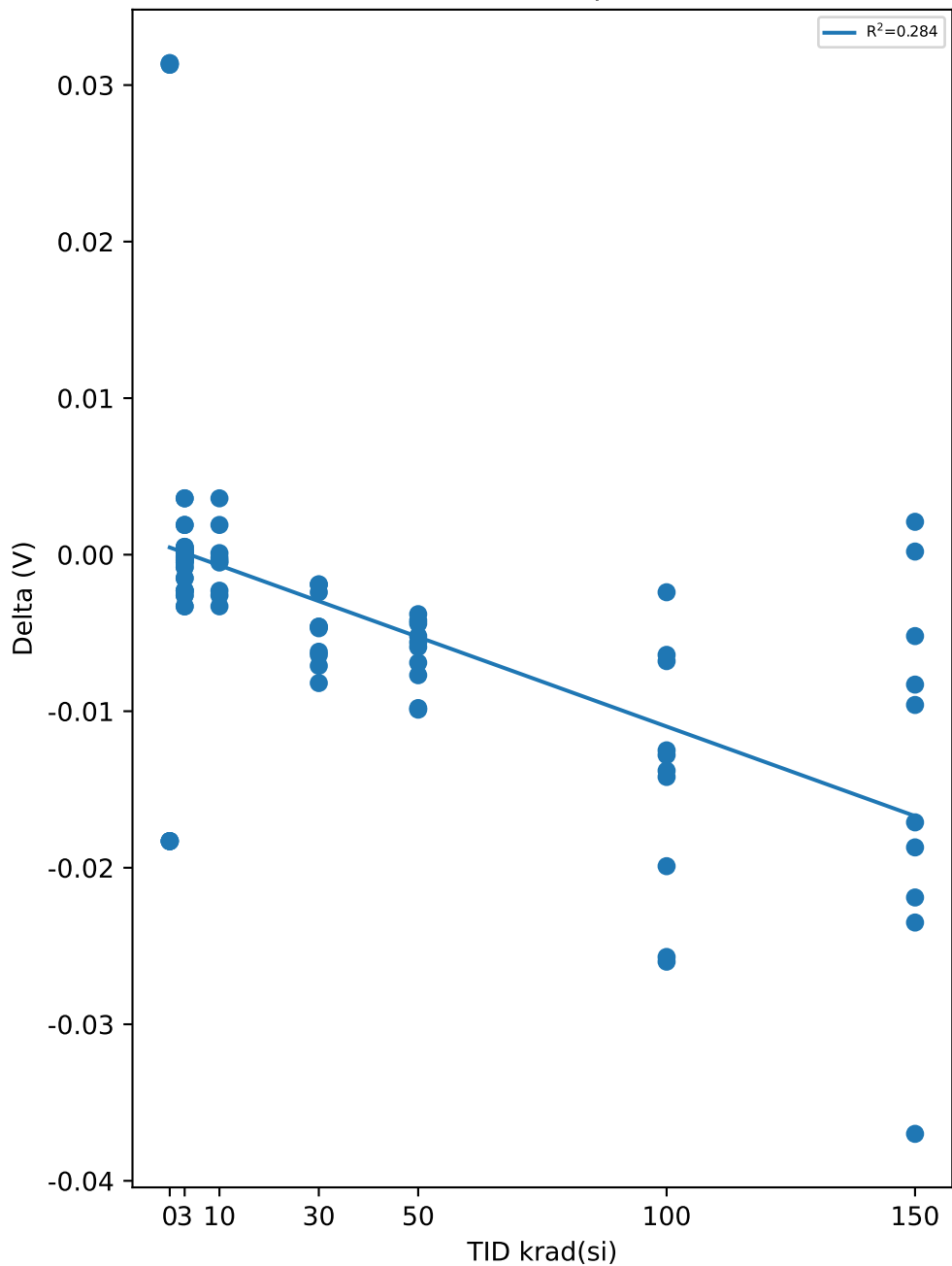
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.5386	2.5461	2.5536	0.010607	2.5693	2.5762	2.5831	0.0097581	0.0157	0.0301	0.0445	0.020365
3	2.5165	2.545	2.5654	0.018393	2.5203	2.5465	2.5725	0.018051	-0.0064	0.0014667	0.0071	0.0045883
10	2.5165	2.545	2.5654	0.018393	2.529	2.5614	2.587	0.017503	0.009	0.016378	0.0319	0.0088329
30	2.5386	2.5506	2.5634	0.0083975	2.569	2.5879	2.6042	0.0092102	0.0293	0.03732	0.0533	0.0093332
50	2.5386	2.5506	2.5634	0.0083975	2.584	2.5995	2.6125	0.0090642	0.0399	0.04893	0.0651	0.0081227
100	2.5386	2.5506	2.5634	0.0083975	2.5899	2.6098	2.6258	0.0096052	0.0482	0.05923	0.0757	0.010535
150	2.5267	2.5537	2.5749	0.018473	2.6112	2.6379	2.665	0.017326	0.0703	0.08421	0.1038	0.0091246

Device Test: 60.0 V_BP7L PWM 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

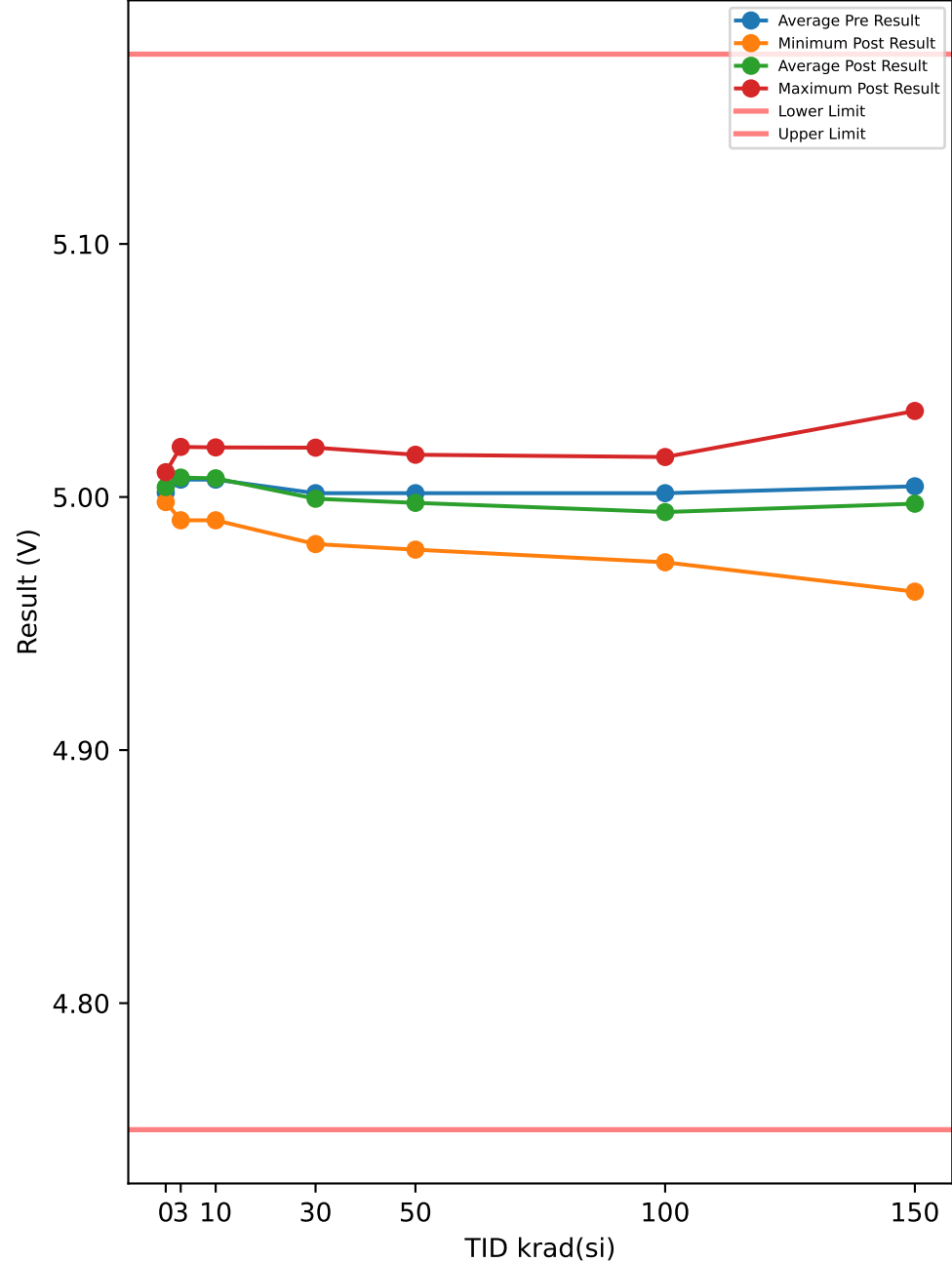
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.05	7.0317	-0.0183
2	0	CORRELATION	7.0195	7.0509	0.0314
259	3	LDR Biased	7.0812	7.0814	0.0002
426	3	LDR Biased	7.0198	7.02	0.0002
427	3	LDR Biased	7.0628	7.0632	0.0004
428	3	LDR Biased	7.0446	7.0438	-0.0008
429	3	LDR Unbiased	7.0389	7.0386	-0.0003
430	3	LDR Unbiased	7.0113	7.0112	-0.0001
431	3	LDR Unbiased	6.9957	6.9934	-0.0023
432	3	LDR Unbiased	7.0416	7.0401	-0.0015
433	3	LDR Unbiased	7.0248	7.0253	0.0005
1259	10	LDR Biased	7.0812	7.0808	-0.0004
1426	10	LDR Biased	7.0198	7.0196	-0.0002
1427	10	LDR Biased	7.0628	7.0605	-0.0023
1428	10	LDR Biased	7.0446	7.0447	0.0001
1429	10	LDR Unbiased	7.0389	7.0384	-0.0005
1430	10	LDR Unbiased	7.0113	7.0087	-0.0026
1431	10	LDR Unbiased	6.9957	6.9976	0.0019
1432	10	LDR Unbiased	7.0416	7.0383	-0.0033
1433	10	LDR Unbiased	7.0248	7.0284	0.0036
2434	30	LDR Biased	7.0109	7.0085	-0.0024
2435	30	LDR Biased	7.0434	7.0352	-0.0082
2436	30	LDR Biased	7.0647	7.0601	-0.0046
2437	30	LDR Biased	7.052	7.0501	-0.0019
2438	30	LDR Biased	7.0593	7.0531	-0.0062
2439	30	LDR Unbiased	6.997	6.9906	-0.0064
2440	30	LDR Unbiased	6.9982	6.9963	-0.0019
2441	30	LDR Unbiased	7.05	7.0429	-0.0071
2443	30	LDR Unbiased	7.0195	7.0149	-0.0046
2444	30	LDR Unbiased	7.0274	7.0227	-0.0047
3434	50	LDR Biased	7.0109	7.0032	-0.0077
3435	50	LDR Biased	7.0434	7.0336	-0.0098
3436	50	LDR Biased	7.0647	7.0591	-0.0056
3437	50	LDR Biased	7.052	7.0476	-0.0044
3438	50	LDR Biased	7.0593	7.0494	-0.0099
3439	50	LDR Unbiased	6.997	6.9932	-0.0038
3440	50	LDR Unbiased	6.9982	6.994	-0.0042
3441	50	LDR Unbiased	7.05	7.0441	-0.0059
3443	50	LDR Unbiased	7.0195	7.0143	-0.0052
3444	50	LDR Unbiased	7.0274	7.0205	-0.0069
4434	100	LDR Biased	7.0109	6.9981	-0.0128
4435	100	LDR Biased	7.0434	7.0296	-0.0138
4436	100	LDR Biased	7.0647	7.0387	-0.026
4437	100	LDR Biased	7.052	7.0378	-0.0142
4438	100	LDR Biased	7.0593	7.0336	-0.0257
4439	100	LDR Unbiased	6.997	6.9902	-0.0068
4440	100	LDR Unbiased	6.9982	6.9783	-0.0199
4441	100	LDR Unbiased	7.05	7.0436	-0.0064
4443	100	LDR Unbiased	7.0195	7.0171	-0.0024
4444	100	LDR Unbiased	7.0274	7.0149	-0.0125
4500	150	LDR Biased	7.0374	7.0139	-0.0235
4501	150	LDR Biased	7.0164	7.0081	-0.0083
4502	150	LDR Biased	6.9902	6.9715	-0.0187
4503	150	LDR Biased	7.0494	7.0515	0.0021
4504	150	LDR Biased	6.9631	6.9412	-0.0219
4505	150	LDR Unbiased	7.0042	7.0044	0.0002
4506	150	LDR Unbiased	7.0334	7.0163	-0.0171
4507	150	LDR Unbiased	7.0896	7.08	-0.0096
4508	150	LDR Unbiased	7.0239	6.9869	-0.037
4509	150	LDR Unbiased	7.056	7.0508	-0.0052

Test Statistics (V)

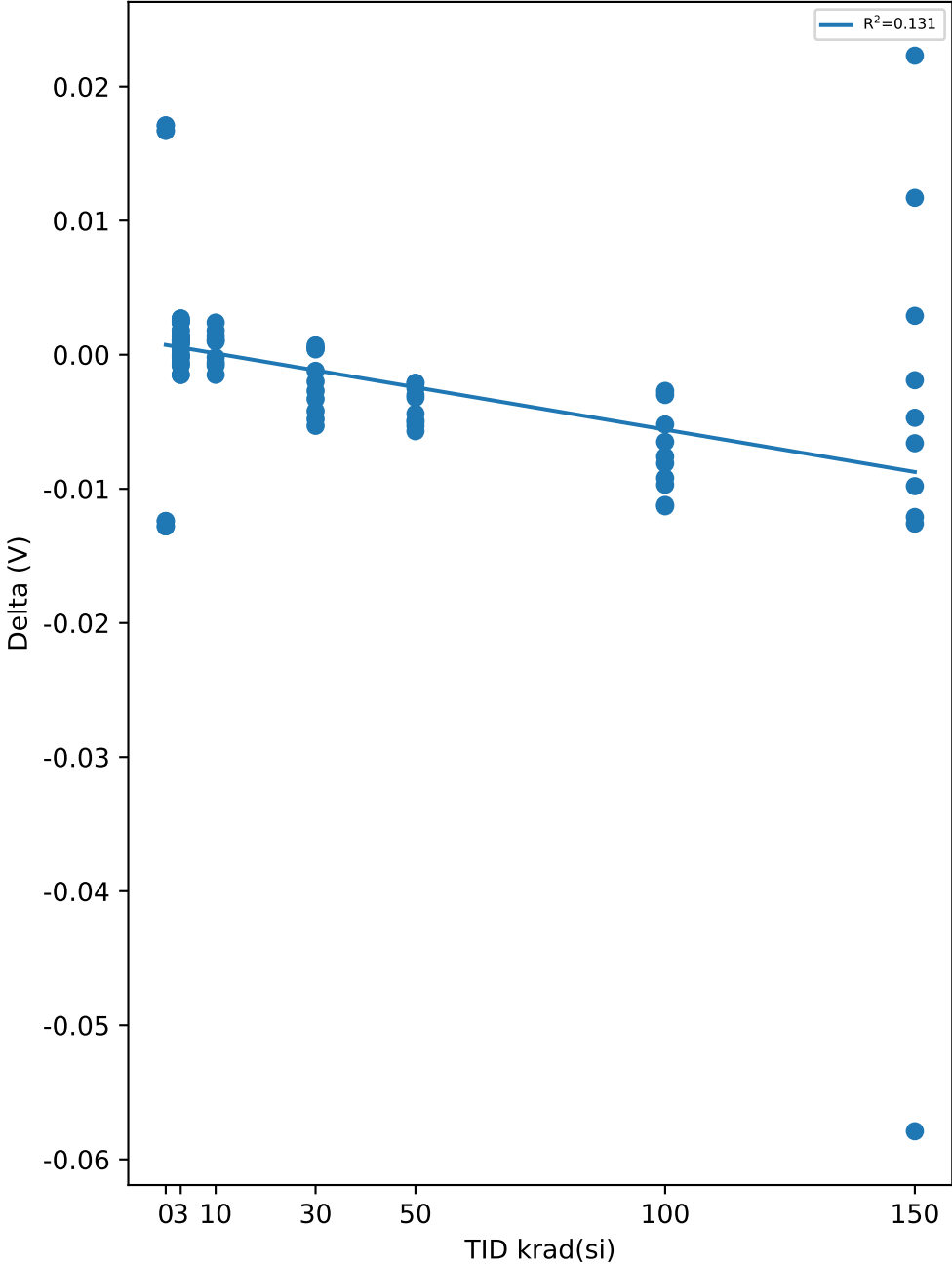
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0195	7.0347	7.05	0.021567	7.0317	7.0413	7.0509	0.013576	-0.0183	0.00655	0.0314	0.035143
3	6.9957	7.0356	7.0812	0.02621	6.9934	7.0352	7.0814	0.026646	-0.0023	-0.00041111	0.0005	0.0009519
10	6.9957	7.0356	7.0812	0.02621	6.9976	7.0352	7.0808	0.025581	-0.0033	-0.00041111	0.0036	0.0021923
30	6.997	7.0322	7.0647	0.025073	6.9906	7.0274	7.0601	0.024502	-0.0082	-0.0048	-0.0019	0.0022121
50	6.997	7.0322	7.0647	0.025073	6.9932	7.0259	7.0591	0.024225	-0.0099	-0.00634	-0.0038	0.0022021
100	6.997	7.0322	7.0647	0.025073	6.9783	7.0182	7.0436	0.022629	-0.026	-0.01405	-0.0024	0.0079135
150	6.9631	7.0264	7.0896	0.035724	6.9412	7.0125	7.08	0.040914	-0.037	-0.0139	0.0021	0.012034

Device Test: 60.1 V_BP5L PWM 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

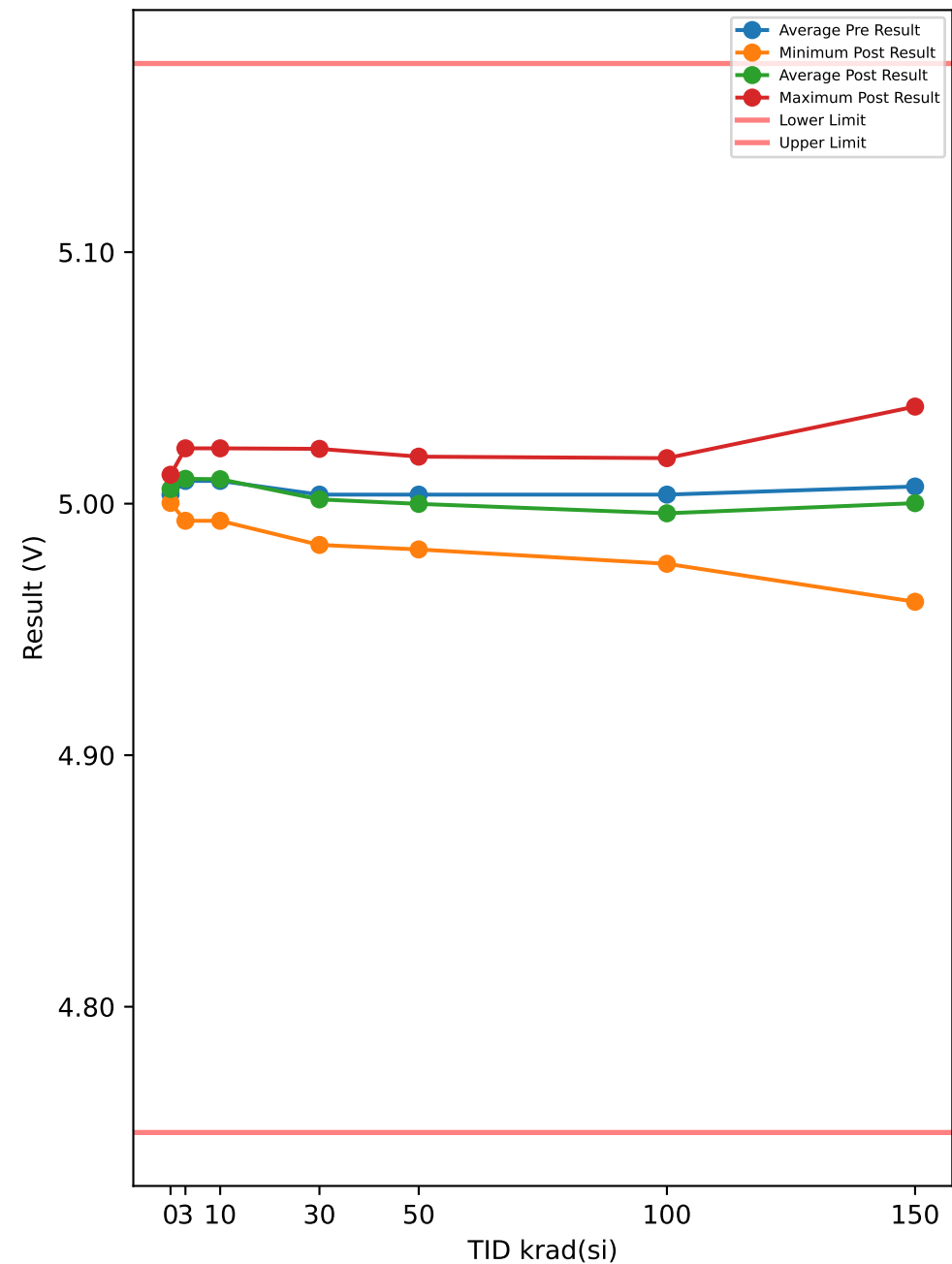
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9927	5.0094	0.0167
2	0	CORRELATION	5.0108	4.998	-0.0128
259	3	LDR Biased	5.003	5.0055	0.0025
426	3	LDR Biased	5.0115	5.0114	-0.0001
427	3	LDR Biased	5.0088	5.0115	0.0027
428	3	LDR Biased	5.0198	5.0198	0
429	3	LDR Unbiased	4.9983	4.9997	0.0014
430	3	LDR Unbiased	4.9914	4.9922	0.0008
431	3	LDR Unbiased	5.0023	5.0034	0.0011
432	3	LDR Unbiased	5.0149	5.0158	0.0009
433	3	LDR Unbiased	5.0119	5.0123	0.0004
1259	10	LDR Biased	5.003	5.0048	0.0018
1426	10	LDR Biased	5.0115	5.01	-0.0015
1427	10	LDR Biased	5.0088	5.0112	0.0024
1428	10	LDR Biased	5.0198	5.0196	-0.0002
1429	10	LDR Unbiased	4.9983	4.9994	0.0011
1430	10	LDR Unbiased	4.9914	4.9908	-0.0006
1431	10	LDR Unbiased	5.0023	5.0037	0.0014
1432	10	LDR Unbiased	5.0149	5.0141	-0.0008
1433	10	LDR Unbiased	5.0119	5.0129	0.001
2434	30	LDR Biased	5.0188	5.0195	0.0007
2435	30	LDR Biased	5.0015	5.0003	-0.0012
2436	30	LDR Biased	4.9849	4.9853	0.0004
2437	30	LDR Biased	4.9823	4.9828	0.0005
2438	30	LDR Biased	5.006	5.0033	-0.0027
2439	30	LDR Unbiased	5.0207	5.0154	-0.0053
2440	30	LDR Unbiased	4.9847	4.9814	-0.0033
2441	30	LDR Unbiased	4.9927	4.9885	-0.0042
2443	30	LDR Unbiased	5.0108	5.006	-0.0048
2444	30	LDR Unbiased	5.0127	5.0107	-0.002
3434	50	LDR Biased	5.0188	5.0167	-0.0021
3435	50	LDR Biased	5.0015	4.9965	-0.005
3436	50	LDR Biased	4.9849	4.9792	-0.0057
3437	50	LDR Biased	4.9823	4.9798	-0.0025
3438	50	LDR Biased	5.006	5.0039	-0.0021
3439	50	LDR Unbiased	5.0207	5.0154	-0.0053
3440	50	LDR Unbiased	4.9847	4.9817	-0.003
3441	50	LDR Unbiased	4.9927	4.9878	-0.0049
3443	50	LDR Unbiased	5.0108	5.0076	-0.0032
3444	50	LDR Unbiased	5.0127	5.0083	-0.0044
4434	100	LDR Biased	5.0188	5.0158	-0.003
4435	100	LDR Biased	5.0015	4.9902	-0.0113
4436	100	LDR Biased	4.9849	4.9757	-0.0092
4437	100	LDR Biased	4.9823	4.9742	-0.0081
4438	100	LDR Biased	5.006	5.0033	-0.0027
4439	100	LDR Unbiased	5.0207	5.0095	-0.0112
4440	100	LDR Unbiased	4.9847	4.975	-0.0097
4441	100	LDR Unbiased	4.9927	4.9851	-0.0076
4443	100	LDR Unbiased	5.0108	5.0056	-0.0052
4444	100	LDR Unbiased	5.0127	5.0062	-0.0065
4500	150	LDR Biased	5.009	4.9964	-0.0126
4501	150	LDR Biased	4.9979	4.9881	-0.0098
4502	150	LDR Biased	5.0169	5.0048	-0.0121
4503	150	LDR Biased	4.9856	4.9809	-0.0047
4504	150	LDR Biased	5.0182	5.0299	0.0117
4505	150	LDR Unbiased	4.9969	4.9903	-0.0066
4506	150	LDR Unbiased	5.0205	4.9626	-0.0579
4507	150	LDR Unbiased	4.9925	4.9906	-0.0019
4508	150	LDR Unbiased	4.9931	4.996	0.0029
4509	150	LDR Unbiased	5.0117	5.034	0.0223

Test Statistics (V)

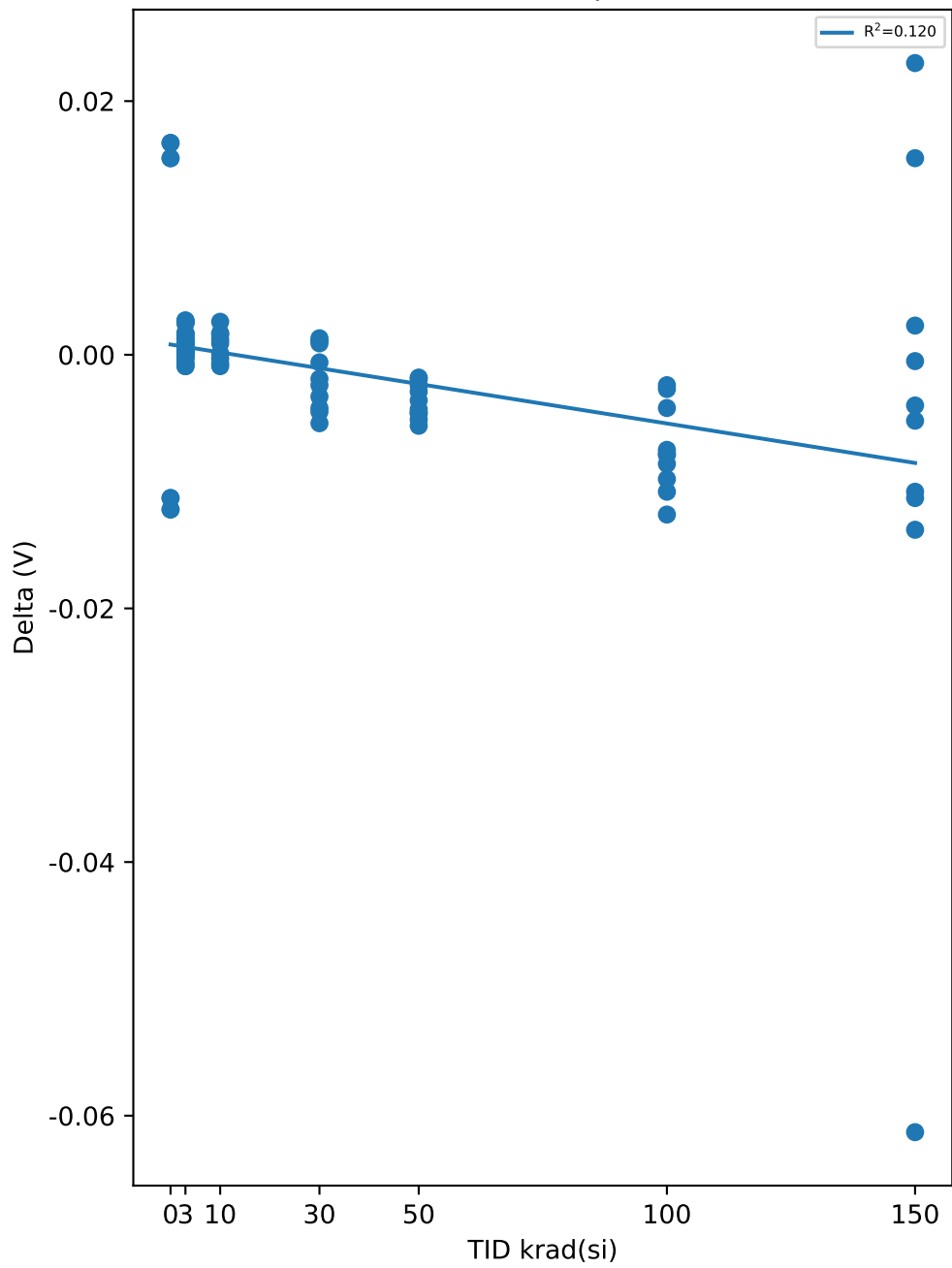
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9927	5.0017	5.0108	0.012799	4.998	5.0037	5.0094	0.008061	-0.0128	0.00195	0.0167	0.02086
3	4.9914	5.0069	5.0198	0.0088794	4.9922	5.008	5.0198	0.0085754	-0.0001	0.0010778	0.0027	0.00099219
10	4.9914	5.0069	5.0198	0.0088794	4.9908	5.0074	5.0196	0.0086976	-0.0015	0.00051111	0.0024	0.001328
30	4.9823	5.0015	5.0207	0.014545	4.9814	4.9993	5.0195	0.014002	-0.0053	-0.00219	0.0007	0.0022442
50	4.9823	5.0015	5.0207	0.014545	4.9792	4.9977	5.0167	0.014686	-0.0057	-0.00382	-0.0021	0.0013879
100	4.9823	5.0015	5.0207	0.014545	4.9742	4.9941	5.0158	0.015871	-0.0113	-0.00745	-0.0027	0.0030873
150	4.9856	5.0042	5.0205	0.012478	4.9626	4.9974	5.034	0.021396	-0.0579	-0.00687	0.0223	0.021065

Device Test: 60.10 V_BP5L PWM 5MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

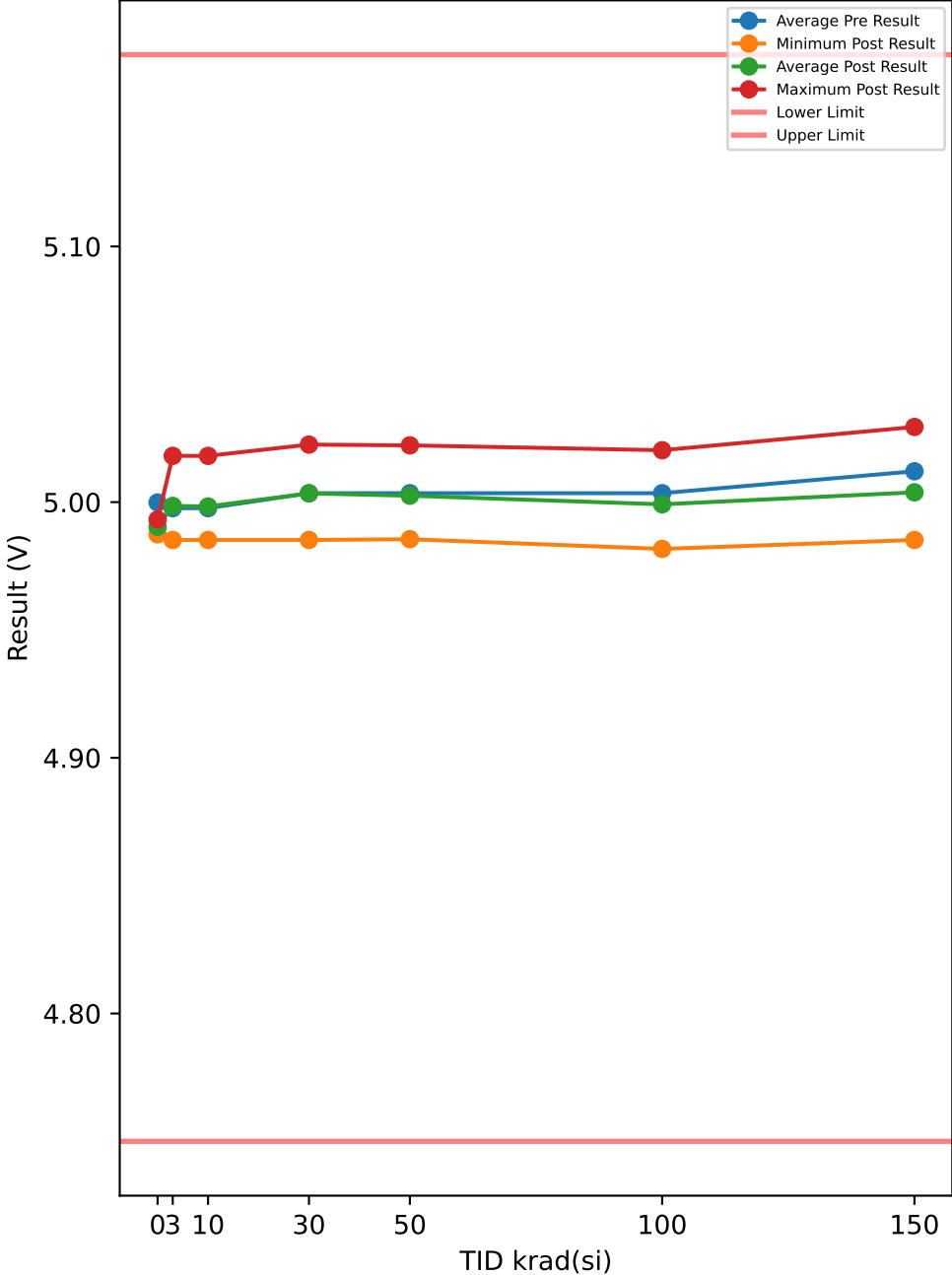
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9948	5.0103	0.0155
2	0	CORRELATION	5.0125	5.0003	-0.0122
259	3	LDR Biased	5.0046	5.0073	0.0027
426	3	LDR Biased	5.0135	5.0136	0.0001
427	3	LDR Biased	5.0114	5.0139	0.0025
428	3	LDR Biased	5.0219	5.0218	-0.0001
429	3	LDR Unbiased	5.0006	5.0016	0.001
430	3	LDR Unbiased	4.9935	4.9948	0.0013
431	3	LDR Unbiased	5.0042	5.0049	0.0007
432	3	LDR Unbiased	5.0176	5.0179	0.0003
433	3	LDR Unbiased	5.0141	5.0144	0.0003
1259	10	LDR Biased	5.0046	5.0063	0.0017
1426	10	LDR Biased	5.0135	5.0126	-0.0009
1427	10	LDR Biased	5.0114	5.014	0.0026
1428	10	LDR Biased	5.0219	5.022	0.0001
1429	10	LDR Unbiased	5.0006	5.0018	0.0012
1430	10	LDR Unbiased	4.9935	4.9932	-0.0003
1431	10	LDR Unbiased	5.0042	5.0058	0.0016
1432	10	LDR Unbiased	5.0176	5.0169	-0.0007
1433	10	LDR Unbiased	5.0141	5.015	0.0009
2434	30	LDR Biased	5.0205	5.0218	0.0013
2435	30	LDR Biased	5.0039	5.0033	-0.0006
2436	30	LDR Biased	4.9864	4.9875	0.0011
2437	30	LDR Biased	4.9843	4.9852	0.0009
2438	30	LDR Biased	5.0082	5.0058	-0.0024
2439	30	LDR Unbiased	5.0234	5.018	-0.0054
2440	30	LDR Unbiased	4.9869	4.9836	-0.0033
2441	30	LDR Unbiased	4.9948	4.9906	-0.0042
2443	30	LDR Unbiased	5.0125	5.008	-0.0045
2444	30	LDR Unbiased	5.0151	5.0132	-0.0019
3434	50	LDR Biased	5.0205	5.0187	-0.0018
3435	50	LDR Biased	5.0039	4.9996	-0.0043
3436	50	LDR Biased	4.9864	4.9818	-0.0046
3437	50	LDR Biased	4.9843	4.9819	-0.0024
3438	50	LDR Biased	5.0082	5.0063	-0.0019
3439	50	LDR Unbiased	5.0234	5.0178	-0.0056
3440	50	LDR Unbiased	4.9869	4.9833	-0.0036
3441	50	LDR Unbiased	4.9948	4.9897	-0.0051
3443	50	LDR Unbiased	5.0125	5.0096	-0.0029
3444	50	LDR Unbiased	5.0151	5.0105	-0.0046
4434	100	LDR Biased	5.0205	5.0181	-0.0024
4435	100	LDR Biased	5.0039	4.9941	-0.0098
4436	100	LDR Biased	4.9864	4.9785	-0.0079
4437	100	LDR Biased	4.9843	4.9765	-0.0078
4438	100	LDR Biased	5.0082	5.0055	-0.0027
4439	100	LDR Unbiased	5.0234	5.0108	-0.0126
4440	100	LDR Unbiased	4.9869	4.9761	-0.0108
4441	100	LDR Unbiased	4.9948	4.9862	-0.0086
4443	100	LDR Unbiased	5.0125	5.0083	-0.0042
4444	100	LDR Unbiased	5.0151	5.0076	-0.0075
4500	150	LDR Biased	5.0111	4.9998	-0.0113
4501	150	LDR Biased	5.0031	4.9893	-0.0138
4502	150	LDR Biased	5.0187	5.0079	-0.0108
4503	150	LDR Biased	4.9876	4.9836	-0.004
4504	150	LDR Biased	5.0208	5.0363	0.0155
4505	150	LDR Unbiased	4.9981	4.9929	-0.0052
4506	150	LDR Unbiased	5.0223	4.961	-0.0613
4507	150	LDR Unbiased	4.9948	4.9943	-0.0005
4508	150	LDR Unbiased	4.9961	4.9984	0.0023
4509	150	LDR Unbiased	5.0156	5.0386	0.023

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	4.9948	5.0037	5.0125	0.012516	5.0003	5.0053	5.0103	0.0070711	-0.0122	0.00165	0.0155	0.019587
3	4.9935	5.009	5.0219	0.0089832	4.9948	5.01	5.0218	0.0085446	-0.0001	0.00097778	0.0027	0.0010195
10	4.9935	5.009	5.0219	0.0089832	4.9932	5.0097	5.022	0.0088001	-0.0009	0.00068889	0.0026	0.0012036
30	4.9843	5.0036	5.0234	0.014663	4.9836	5.0017	5.0218	0.014086	-0.0054	-0.0019	0.0013	0.0024784
50	4.9843	5.0036	5.0234	0.014663	4.9818	4.9999	5.0187	0.014729	-0.0056	-0.00368	-0.0018	0.0013637
100	4.9843	5.0036	5.0234	0.014663	4.9761	4.9962	5.0181	0.015865	-0.0126	-0.00743	-0.0024	0.0033918
150	4.9876	5.0068	5.0223	0.012429	4.961	5.0002	5.0386	0.023237	-0.0613	-0.00661	0.023	0.022542

Device Test: 60.11 V_BP5H PWM 5MHz VIN_10V

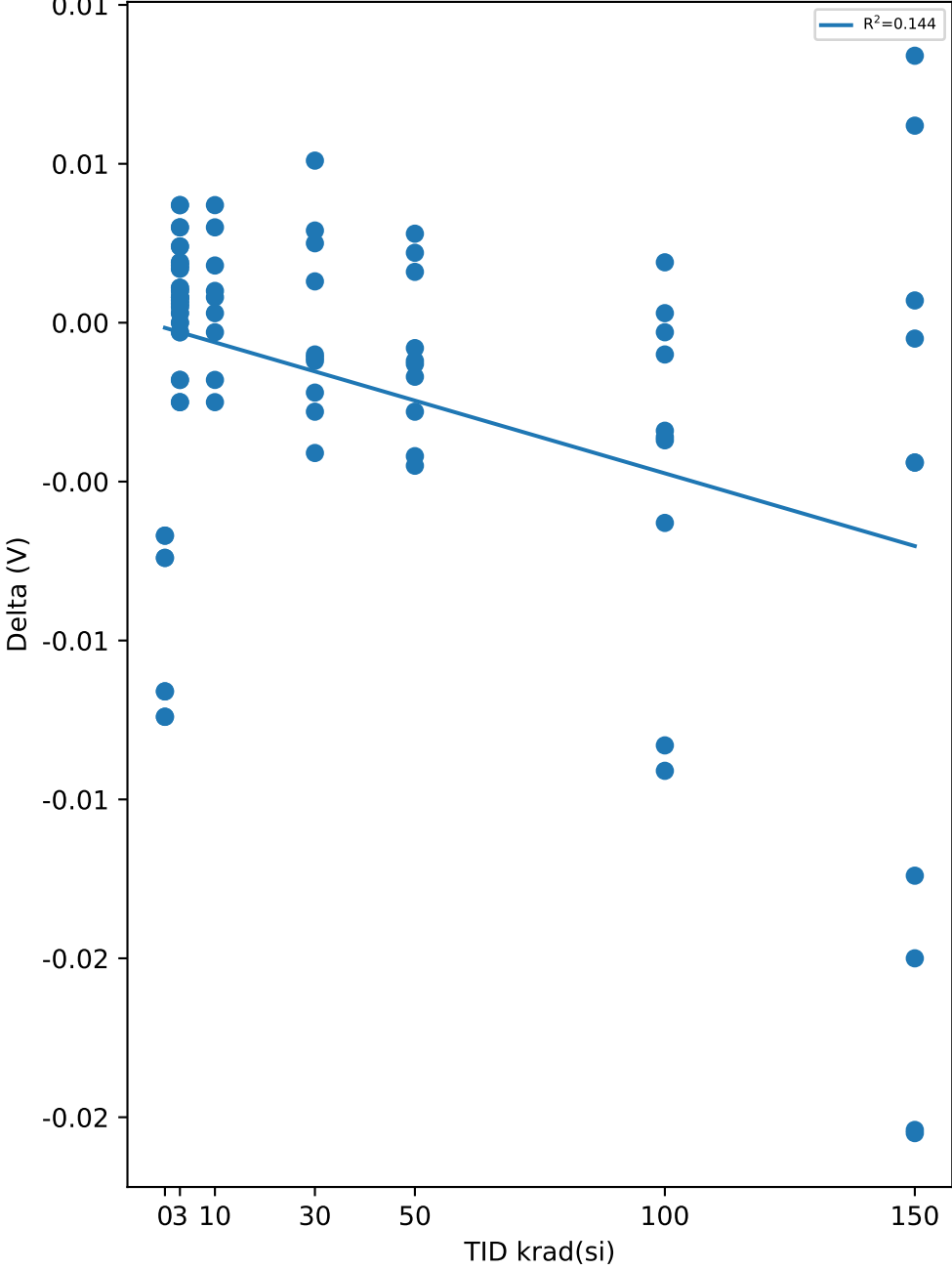
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

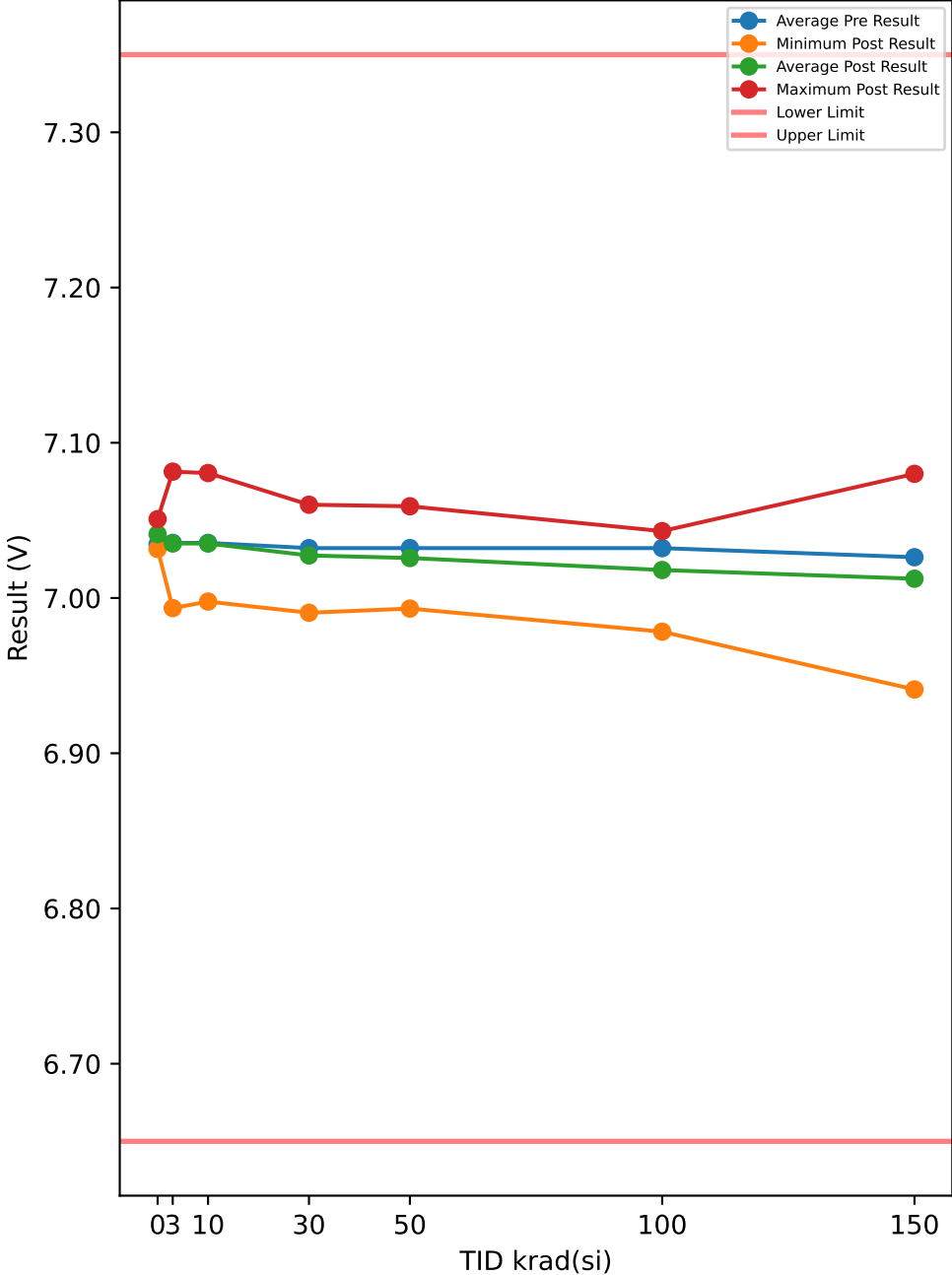
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9999	4.9925	-0.0074
2	0	CORRELATION	4.9998	4.9874	-0.0124
259	3	LDR Biased	5.0151	5.0151	0
426	3	LDR Biased	4.9991	4.9999	0.0008
427	3	LDR Biased	4.9916	4.9922	0.0006
428	3	LDR Biased	4.9853	4.9858	0.0005
429	3	LDR Unbiased	4.987	4.9894	0.0024
430	3	LDR Unbiased	5.0085	5.0104	0.0019
431	3	LDR Unbiased	5.0061	5.0078	0.0017
432	3	LDR Unbiased	4.9942	4.9949	0.0007
433	3	LDR Unbiased	4.9919	4.993	0.0011
1259	10	LDR Biased	5.0151	5.0181	0.003
1426	10	LDR Biased	4.9991	4.9988	-0.0003
1427	10	LDR Biased	4.9916	4.9926	0.001
1428	10	LDR Biased	4.9853	4.9856	0.0003
1429	10	LDR Unbiased	4.987	4.9852	-0.0018
1430	10	LDR Unbiased	5.0085	5.0103	0.0018
1431	10	LDR Unbiased	5.0061	5.0036	-0.0025
1432	10	LDR Unbiased	4.9942	4.9979	0.0037
1433	10	LDR Unbiased	4.9919	4.9927	0.0008
2434	30	LDR Biased	4.9976	5.0027	0.0051
2435	30	LDR Biased	5.013	5.012	-0.001
2436	30	LDR Biased	4.9891	4.992	0.0029
2437	30	LDR Biased	5.0208	5.018	-0.0028
2438	30	LDR Biased	4.9863	4.9852	-0.0011
2439	30	LDR Unbiased	4.995	4.9938	-0.0012
2440	30	LDR Unbiased	5.0134	5.0147	0.0013
2441	30	LDR Unbiased	4.9999	4.9958	-0.0041
2443	30	LDR Unbiased	4.9998	4.9976	-0.0022
2444	30	LDR Unbiased	5.02	5.0225	0.0025
3434	50	LDR Biased	4.9976	5.0004	0.0028
3435	50	LDR Biased	5.013	5.0102	-0.0028
3436	50	LDR Biased	4.9891	4.9907	0.0016
3437	50	LDR Biased	5.0208	5.0166	-0.0042
3438	50	LDR Biased	4.9863	4.9855	-0.0008
3439	50	LDR Unbiased	4.995	4.9938	-0.0012
3440	50	LDR Unbiased	5.0134	5.0117	-0.0017
3441	50	LDR Unbiased	4.9999	4.9954	-0.0045
3443	50	LDR Unbiased	4.9998	4.9985	-0.0013
3444	50	LDR Unbiased	5.02	5.0222	0.0022
4434	100	LDR Biased	4.9976	4.9995	0.0019
4435	100	LDR Biased	5.013	5.0096	-0.0034
4436	100	LDR Biased	4.9891	4.9855	-0.0036
4437	100	LDR Biased	5.0208	5.0145	-0.0063
4438	100	LDR Biased	4.9863	4.9826	-0.0037
4439	100	LDR Unbiased	4.995	4.9817	-0.0133
4440	100	LDR Unbiased	5.0134	4.9993	-0.0141
4441	100	LDR Unbiased	4.9999	4.9989	-0.001
4443	100	LDR Unbiased	4.9998	4.9995	-0.0003
4444	100	LDR Unbiased	5.02	5.0203	0.0003
4500	150	LDR Biased	5.0026	4.9852	-0.0174
4501	150	LDR Biased	5.0024	4.998	-0.0044
4502	150	LDR Biased	5.0194	5.015	-0.0044
4503	150	LDR Biased	5.0042	5.0037	-0.0005
4504	150	LDR Biased	5.0147	4.9947	-0.02
4505	150	LDR Unbiased	5.0237	4.9982	-0.0255
4506	150	LDR Unbiased	5.0166	4.9912	-0.0254
4507	150	LDR Unbiased	5.0229	5.0236	0.0007
4508	150	LDR Unbiased	5.021	5.0294	0.0084
4509	150	LDR Unbiased	4.9931	4.9993	0.0062

TID vs Post - Pre Exposure Delta

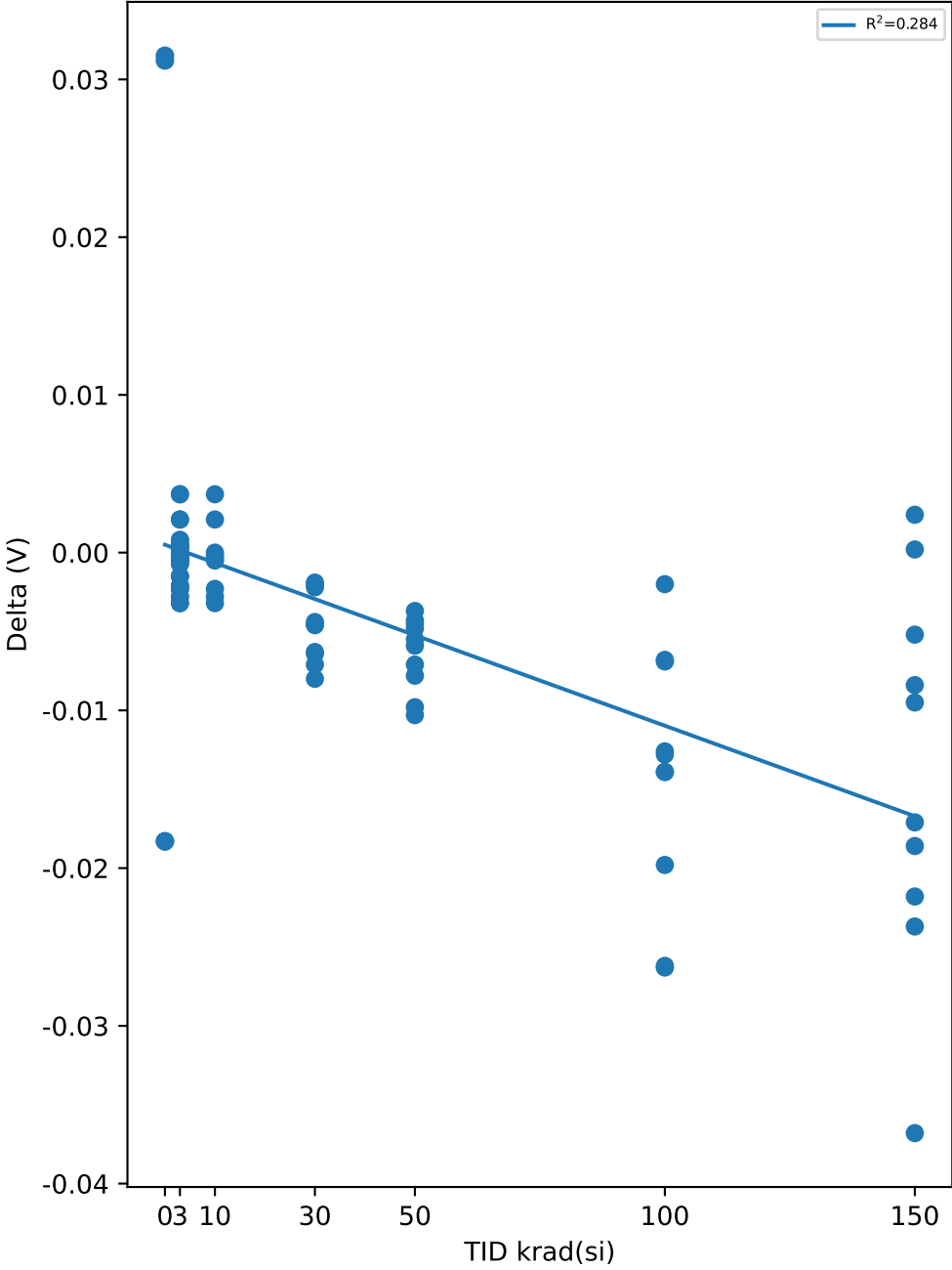


Device Test: 60.12 V_BP7L IIM 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

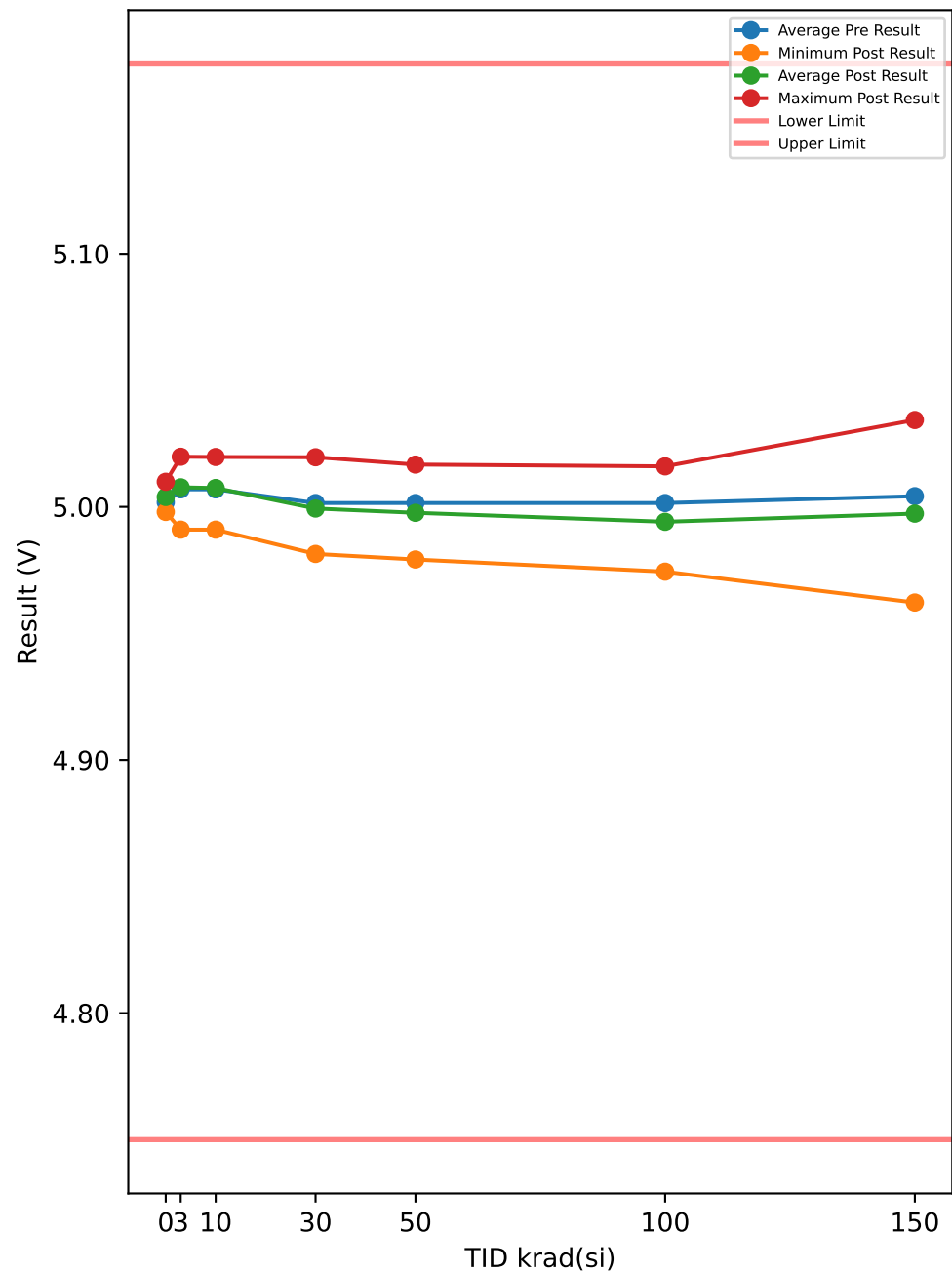
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0499	7.0316	-0.0183
2	0	CORRELATION	7.0193	7.0505	0.0312
259	3	LDR Biased	7.081	7.0814	0.0004
426	3	LDR Biased	7.0196	7.0199	0.0003
427	3	LDR Biased	7.0626	7.0631	0.0005
428	3	LDR Biased	7.0446	7.0439	-0.0007
429	3	LDR Unbiased	7.0388	7.0385	-0.0003
430	3	LDR Unbiased	7.0114	7.0113	-0.0001
431	3	LDR Unbiased	6.9956	6.9935	-0.0021
432	3	LDR Unbiased	7.0414	7.0399	-0.0015
433	3	LDR Unbiased	7.0245	7.0253	0.0008
1259	10	LDR Biased	7.081	7.0805	-0.0005
1426	10	LDR Biased	7.0196	7.0194	-0.0002
1427	10	LDR Biased	7.0626	7.0603	-0.0023
1428	10	LDR Biased	7.0446	7.0446	0
1429	10	LDR Unbiased	7.0388	7.0384	-0.0004
1430	10	LDR Unbiased	7.0114	7.0086	-0.0028
1431	10	LDR Unbiased	6.9956	6.9977	0.0021
1432	10	LDR Unbiased	7.0414	7.0382	-0.0032
1433	10	LDR Unbiased	7.0245	7.0282	0.0037
2434	30	LDR Biased	7.0109	7.0087	-0.0022
2435	30	LDR Biased	7.0432	7.0352	-0.008
2436	30	LDR Biased	7.0646	7.0601	-0.0045
2437	30	LDR Biased	7.0517	7.0498	-0.0019
2438	30	LDR Biased	7.0594	7.0531	-0.0063
2439	30	LDR Unbiased	6.9969	6.9905	-0.0064
2440	30	LDR Unbiased	6.9981	6.9961	-0.002
2441	30	LDR Unbiased	7.0499	7.0428	-0.0071
2443	30	LDR Unbiased	7.0193	7.0149	-0.0044
2444	30	LDR Unbiased	7.0275	7.0229	-0.0046
3434	50	LDR Biased	7.0109	7.0031	-0.0078
3435	50	LDR Biased	7.0432	7.0334	-0.0098
3436	50	LDR Biased	7.0646	7.0591	-0.0055
3437	50	LDR Biased	7.0517	7.0474	-0.0043
3438	50	LDR Biased	7.0594	7.0491	-0.0103
3439	50	LDR Unbiased	6.9969	6.9932	-0.0037
3440	50	LDR Unbiased	6.9981	6.9936	-0.0045
3441	50	LDR Unbiased	7.0499	7.044	-0.0059
3443	50	LDR Unbiased	7.0193	7.0145	-0.0048
3444	50	LDR Unbiased	7.0275	7.0204	-0.0071
4434	100	LDR Biased	7.0109	6.9983	-0.0126
4435	100	LDR Biased	7.0432	7.0293	-0.0139
4436	100	LDR Biased	7.0646	7.0384	-0.0262
4437	100	LDR Biased	7.0517	7.0378	-0.0139
4438	100	LDR Biased	7.0594	7.0331	-0.0263
4439	100	LDR Unbiased	6.9969	6.99	-0.0069
4440	100	LDR Unbiased	6.9981	6.9783	-0.0198
4441	100	LDR Unbiased	7.0499	7.0431	-0.0068
4443	100	LDR Unbiased	7.0193	7.0173	-0.002
4444	100	LDR Unbiased	7.0275	7.0147	-0.0128
4500	150	LDR Biased	7.0371	7.0134	-0.0237
4501	150	LDR Biased	7.0164	7.008	-0.0084
4502	150	LDR Biased	6.9901	6.9715	-0.0186
4503	150	LDR Biased	7.0494	7.0518	0.0024
4504	150	LDR Biased	6.9629	6.9411	-0.0218
4505	150	LDR Unbiased	7.0041	7.0043	0.0002
4506	150	LDR Unbiased	7.0334	7.0163	-0.0171
4507	150	LDR Unbiased	7.0895	7.08	-0.0095
4508	150	LDR Unbiased	7.0239	6.9871	-0.0368
4509	150	LDR Unbiased	7.056	7.0508	-0.0052

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	7.0193	7.0346	7.0499	0.021637	7.0316	7.0411	7.0505	0.013364	-0.0183	0.00645	0.0312	0.035002
3	6.9956	7.0355	7.081	0.026172	6.9935	7.0352	7.0814	0.026608	-0.0021	-0.0003	0.0008	0.0009734
10	6.9956	7.0355	7.081	0.026172	6.9977	7.0351	7.0805	0.0255	-0.0032	-0.0004	0.0037	0.0022494
30	6.9969	7.0321	7.0646	0.025067	6.9905	7.0274	7.0601	0.024488	-0.008	-0.00474	-0.0019	0.0022011
50	6.9969	7.0321	7.0646	0.025067	6.9932	7.0258	7.0591	0.024219	-0.0103	-0.00637	-0.0037	0.0023128
100	6.9969	7.0321	7.0646	0.025067	6.9783	7.018	7.0431	0.022493	-0.0263	-0.01412	-0.002	0.0080505
150	6.9629	7.0263	7.0895	0.035752	6.9411	7.0124	7.08	0.040953	-0.0368	-0.01385	0.0024	0.012041

Device Test: 60.13 V_BP5L IIM 500kHz VIN_10V

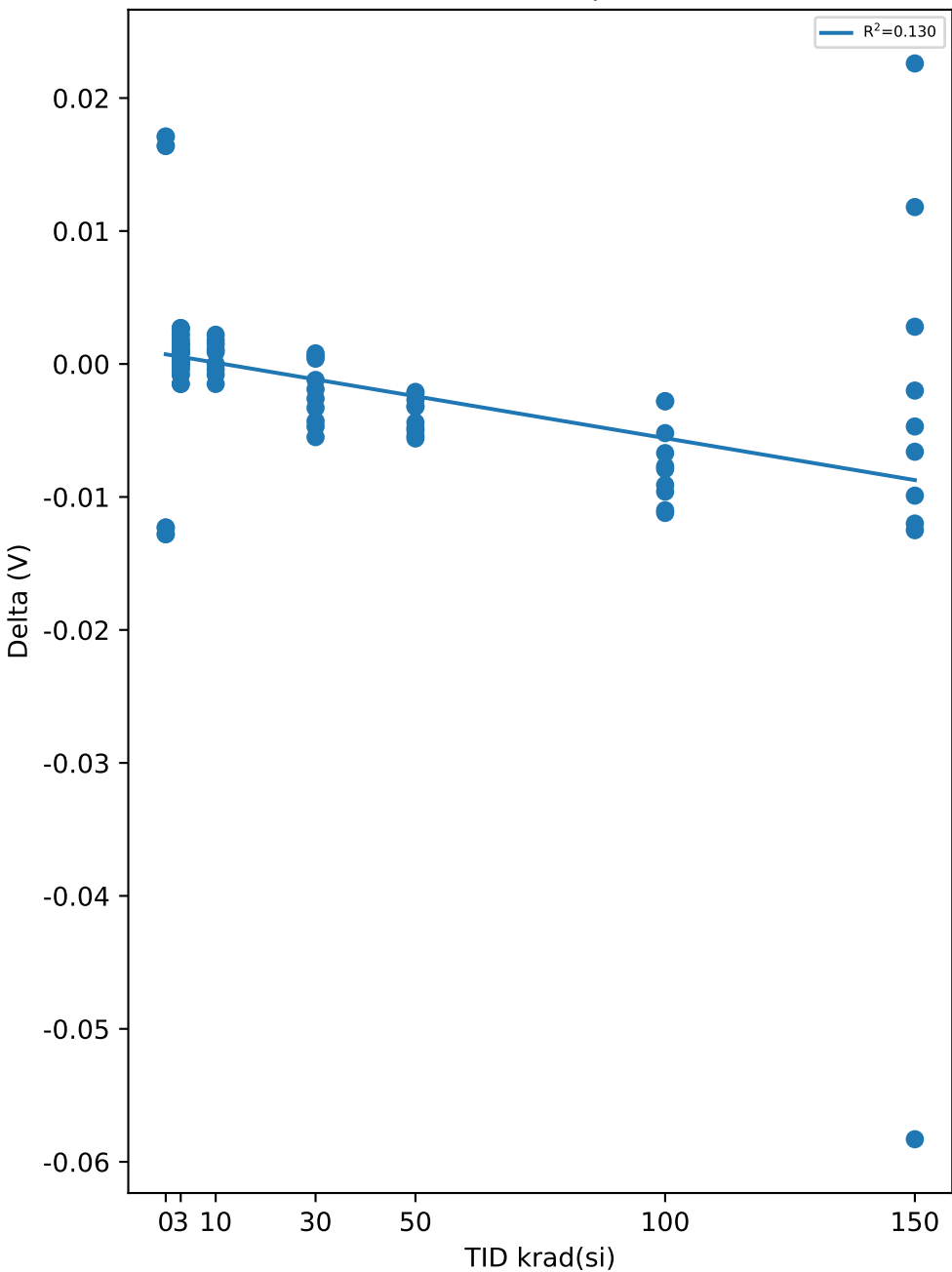
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9928	5.0092	0.0164
2	0	CORRELATION	5.0108	4.998	-0.0128
259	3	LDR Biased	5.003	5.0056	0.0026
426	3	LDR Biased	5.0115	5.0114	-0.0001
427	3	LDR Biased	5.0089	5.0116	0.0027
428	3	LDR Biased	5.0197	5.0198	0.0001
429	3	LDR Unbiased	4.9983	4.9997	0.0014
430	3	LDR Unbiased	4.9914	4.9923	0.0009
431	3	LDR Unbiased	5.0024	5.0033	0.0009
432	3	LDR Unbiased	5.015	5.0158	0.0008
433	3	LDR Unbiased	5.012	5.0123	0.0003
1259	10	LDR Biased	5.003	5.0048	0.0018
1426	10	LDR Biased	5.0115	5.01	-0.0015
1427	10	LDR Biased	5.0089	5.0111	0.0022
1428	10	LDR Biased	5.0197	5.0197	0
1429	10	LDR Unbiased	4.9983	4.9994	0.0011
1430	10	LDR Unbiased	4.9914	4.991	-0.0004
1431	10	LDR Unbiased	5.0024	5.0039	0.0015
1432	10	LDR Unbiased	5.015	5.0142	-0.0008
1433	10	LDR Unbiased	5.012	5.0129	0.0009
2434	30	LDR Biased	5.0188	5.0196	0.0008
2435	30	LDR Biased	5.0014	5.0002	-0.0012
2436	30	LDR Biased	4.9848	4.9852	0.0004
2437	30	LDR Biased	4.9823	4.9829	0.0006
2438	30	LDR Biased	5.0061	5.0035	-0.0026
2439	30	LDR Unbiased	5.0207	5.0152	-0.0055
2440	30	LDR Unbiased	4.9847	4.9814	-0.0033
2441	30	LDR Unbiased	4.9928	4.9885	-0.0043
2443	30	LDR Unbiased	5.0108	5.0061	-0.0047
2444	30	LDR Unbiased	5.0127	5.0108	-0.0019
3434	50	LDR Biased	5.0188	5.0167	-0.0021
3435	50	LDR Biased	5.0014	4.9966	-0.0048
3436	50	LDR Biased	4.9848	4.9792	-0.0056
3437	50	LDR Biased	4.9823	4.9796	-0.0027
3438	50	LDR Biased	5.0061	5.0039	-0.0022
3439	50	LDR Unbiased	5.0207	5.0153	-0.0054
3440	50	LDR Unbiased	4.9847	4.9815	-0.0032
3441	50	LDR Unbiased	4.9928	4.9878	-0.005
3443	50	LDR Unbiased	5.0108	5.0076	-0.0032
3444	50	LDR Unbiased	5.0127	5.0083	-0.0044
4434	100	LDR Biased	5.0188	5.016	-0.0028
4435	100	LDR Biased	5.0014	4.9902	-0.0112
4436	100	LDR Biased	4.9848	4.9757	-0.0091
4437	100	LDR Biased	4.9823	4.9744	-0.0079
4438	100	LDR Biased	5.0061	5.0033	-0.0028
4439	100	LDR Unbiased	5.0207	5.0097	-0.011
4440	100	LDR Unbiased	4.9847	4.9751	-0.0096
4441	100	LDR Unbiased	4.9928	4.9851	-0.0077
4443	100	LDR Unbiased	5.0108	5.0056	-0.0052
4444	100	LDR Unbiased	5.0127	5.006	-0.0067
4500	150	LDR Biased	5.0089	4.9964	-0.0125
4501	150	LDR Biased	4.9979	4.988	-0.0099
4502	150	LDR Biased	5.0169	5.0049	-0.012
4503	150	LDR Biased	4.9856	4.9809	-0.0047
4504	150	LDR Biased	5.0181	5.0299	0.0118
4505	150	LDR Unbiased	4.9969	4.9903	-0.0066
4506	150	LDR Unbiased	5.0205	4.9622	-0.0583
4507	150	LDR Unbiased	4.9924	4.9904	-0.002
4508	150	LDR Unbiased	4.9932	4.996	0.0028
4509	150	LDR Unbiased	5.0117	5.0343	0.0226

TID vs Post - Pre Exposure Delta

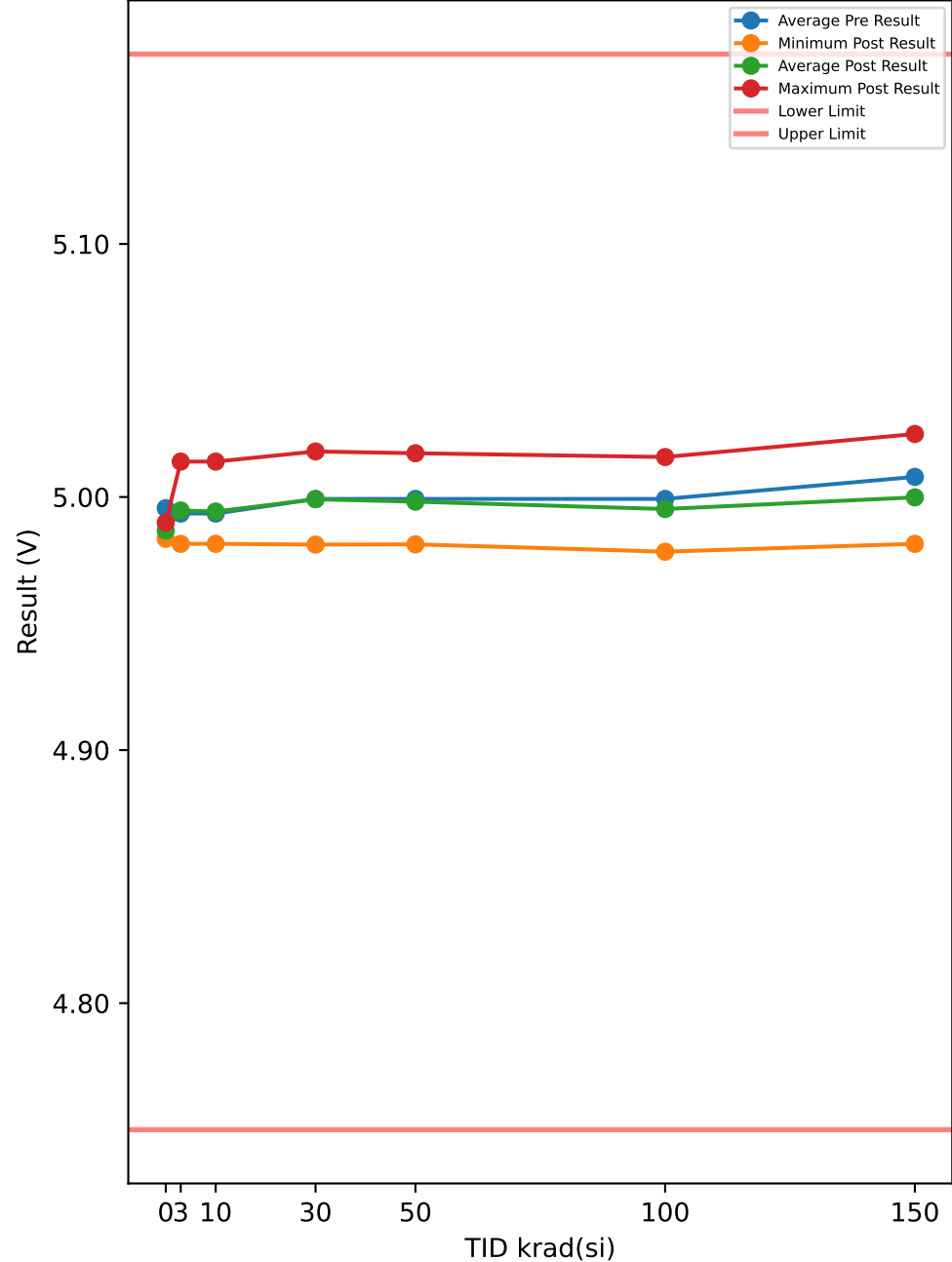


Test Statistics (V)

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	4.9928	5.0018	5.0108	0.012728	4.998	5.0036	5.0092	0.0079196	-0.0128	0.0018	0.0164	0.020648
3	4.9914	5.0069	5.0197	0.0088762	4.9923	5.008	5.0198	0.0085609	-0.0001	0.0010667	0.0027	0.0010087
10	4.9914	5.0069	5.0197	0.0088762	4.991	5.0074	5.0197	0.0086616	-0.0015	0.00053333	0.0022	0.0012669
30	4.9823	5.0015	5.0207	0.014554	4.9814	4.9993	5.0196	0.01401	-0.0055	-0.00217	0.0008	0.0022998
50	4.9823	5.0015	5.0207	0.014554	4.9792	4.9977	5.0167	0.014724	-0.0056	-0.00386	-0.0021	0.001331
100	4.9823	5.0015	5.0207	0.014554	4.9744	4.9941	5.016	0.015865	-0.0112	-0.0074	-0.0028	0.003039
150	4.9856	5.0042	5.0205	0.012462	4.9622	4.9973	5.0343	0.021541	-0.0583	-0.00688	0.0226	0.021217

Device Test: 60.14 V_BP5H IIM 500kHz VIN_10V

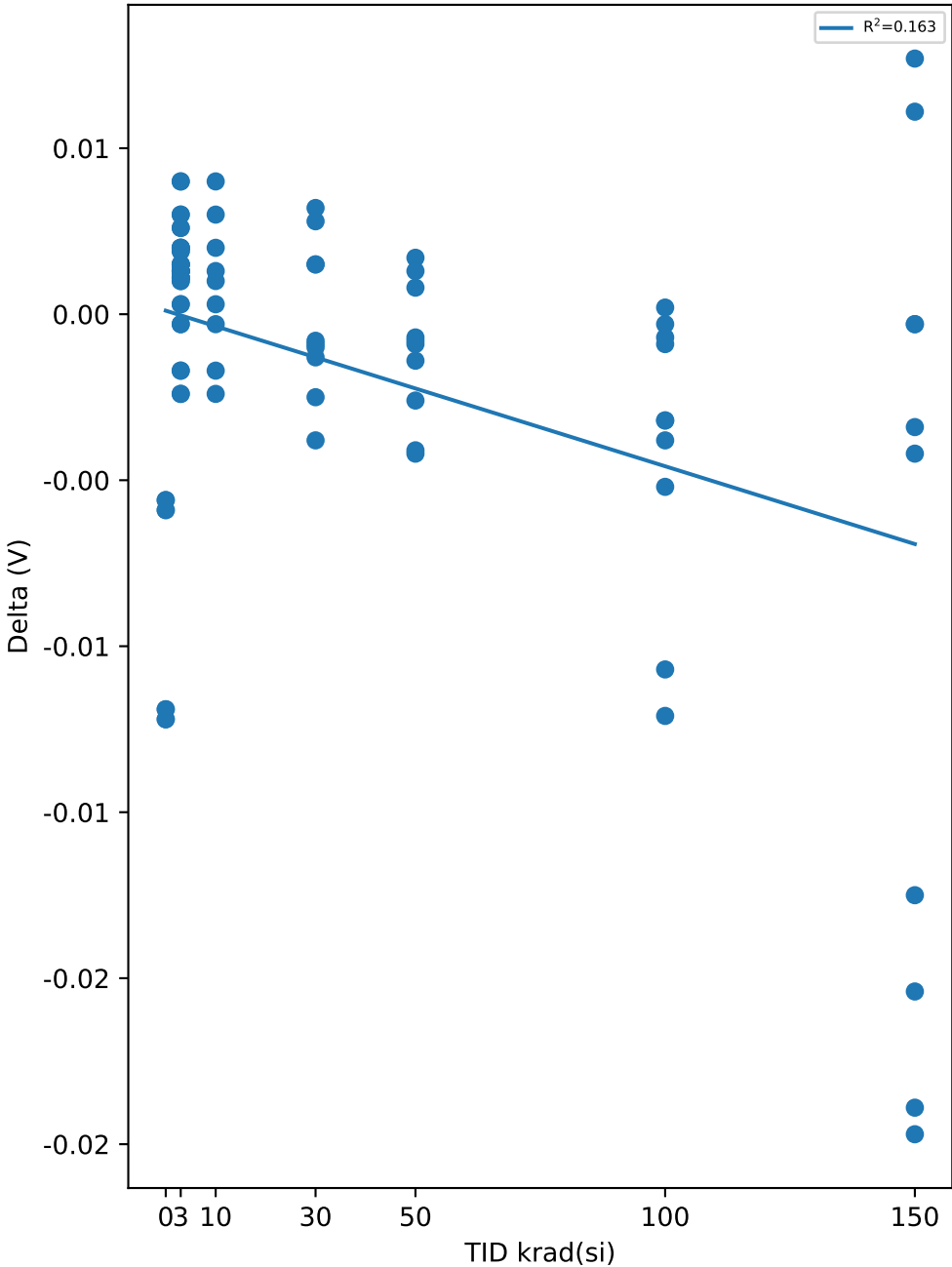
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9955	4.9896	-0.0059
2	0	CORRELATION	4.9957	4.9835	-0.0122
259	3	LDR Biased	5.011	5.0121	0.0011
426	3	LDR Biased	4.9948	4.9963	0.0015
427	3	LDR Biased	4.9872	4.9885	0.0013
428	3	LDR Biased	4.9812	4.9823	0.0011
429	3	LDR Unbiased	4.984	4.9853	0.0013
430	3	LDR Unbiased	5.0038	5.0064	0.0026
431	3	LDR Unbiased	5.0015	5.0035	0.002
432	3	LDR Unbiased	4.9899	4.9918	0.0019
433	3	LDR Unbiased	4.9878	4.9893	0.0015
1259	10	LDR Biased	5.011	5.014	0.003
1426	10	LDR Biased	4.9948	4.9945	-0.0003
1427	10	LDR Biased	4.9872	4.9885	0.0013
1428	10	LDR Biased	4.9812	4.9815	0.0003
1429	10	LDR Unbiased	4.984	4.9823	-0.0017
1430	10	LDR Unbiased	5.0038	5.0058	0.002
1431	10	LDR Unbiased	5.0015	4.9991	-0.0024
1432	10	LDR Unbiased	4.9899	4.9939	0.004
1433	10	LDR Unbiased	4.9878	4.9888	0.001
2434	30	LDR Biased	4.9945	4.9977	0.0032
2435	30	LDR Biased	5.0086	5.0078	-0.0008
2436	30	LDR Biased	4.9846	4.9874	0.0028
2437	30	LDR Biased	5.0167	5.0142	-0.0025
2438	30	LDR Biased	4.9822	4.9812	-0.001
2439	30	LDR Unbiased	4.9899	4.989	-0.0009
2440	30	LDR Unbiased	5.0082	5.0097	0.0015
2441	30	LDR Unbiased	4.9955	4.9917	-0.0038
2443	30	LDR Unbiased	4.9957	4.9944	-0.0013
2444	30	LDR Unbiased	5.0165	5.018	0.0015
3434	50	LDR Biased	4.9945	4.9958	0.0013
3435	50	LDR Biased	5.0086	5.006	-0.0026
3436	50	LDR Biased	4.9846	4.9863	0.0017
3437	50	LDR Biased	5.0167	5.0126	-0.0041
3438	50	LDR Biased	4.9822	4.9813	-0.0009
3439	50	LDR Unbiased	4.9899	4.9891	-0.0008
3440	50	LDR Unbiased	5.0082	5.0068	-0.0014
3441	50	LDR Unbiased	4.9955	4.9913	-0.0042
3443	50	LDR Unbiased	4.9957	4.995	-0.0007
3444	50	LDR Unbiased	5.0165	5.0173	0.0008
4434	100	LDR Biased	4.9945	4.9947	0.0002
4435	100	LDR Biased	5.0086	5.0054	-0.0032
4436	100	LDR Biased	4.9846	4.9814	-0.0032
4437	100	LDR Biased	5.0167	5.0115	-0.0052
4438	100	LDR Biased	4.9822	4.9784	-0.0038
4439	100	LDR Unbiased	4.9899	4.9792	-0.0107
4440	100	LDR Unbiased	5.0082	4.9961	-0.0121
4441	100	LDR Unbiased	4.9955	4.9952	-0.0003
4443	100	LDR Unbiased	4.9957	4.9948	-0.0009
4444	100	LDR Unbiased	5.0165	5.0158	-0.0007
4500	150	LDR Biased	4.999	4.9815	-0.0175
4501	150	LDR Biased	4.9975	4.9941	-0.0034
4502	150	LDR Biased	5.0145	5.0103	-0.0042
4503	150	LDR Biased	4.9994	4.9991	-0.0003
4504	150	LDR Biased	5.0112	4.9908	-0.0204
4505	150	LDR Unbiased	5.0202	4.9963	-0.0239
4506	150	LDR Unbiased	5.0129	4.9882	-0.0247
4507	150	LDR Unbiased	5.0188	5.0185	-0.0003
4508	150	LDR Unbiased	5.0172	5.0249	0.0077
4509	150	LDR Unbiased	4.9888	4.9949	0.0061

TID vs Post - Pre Exposure Delta

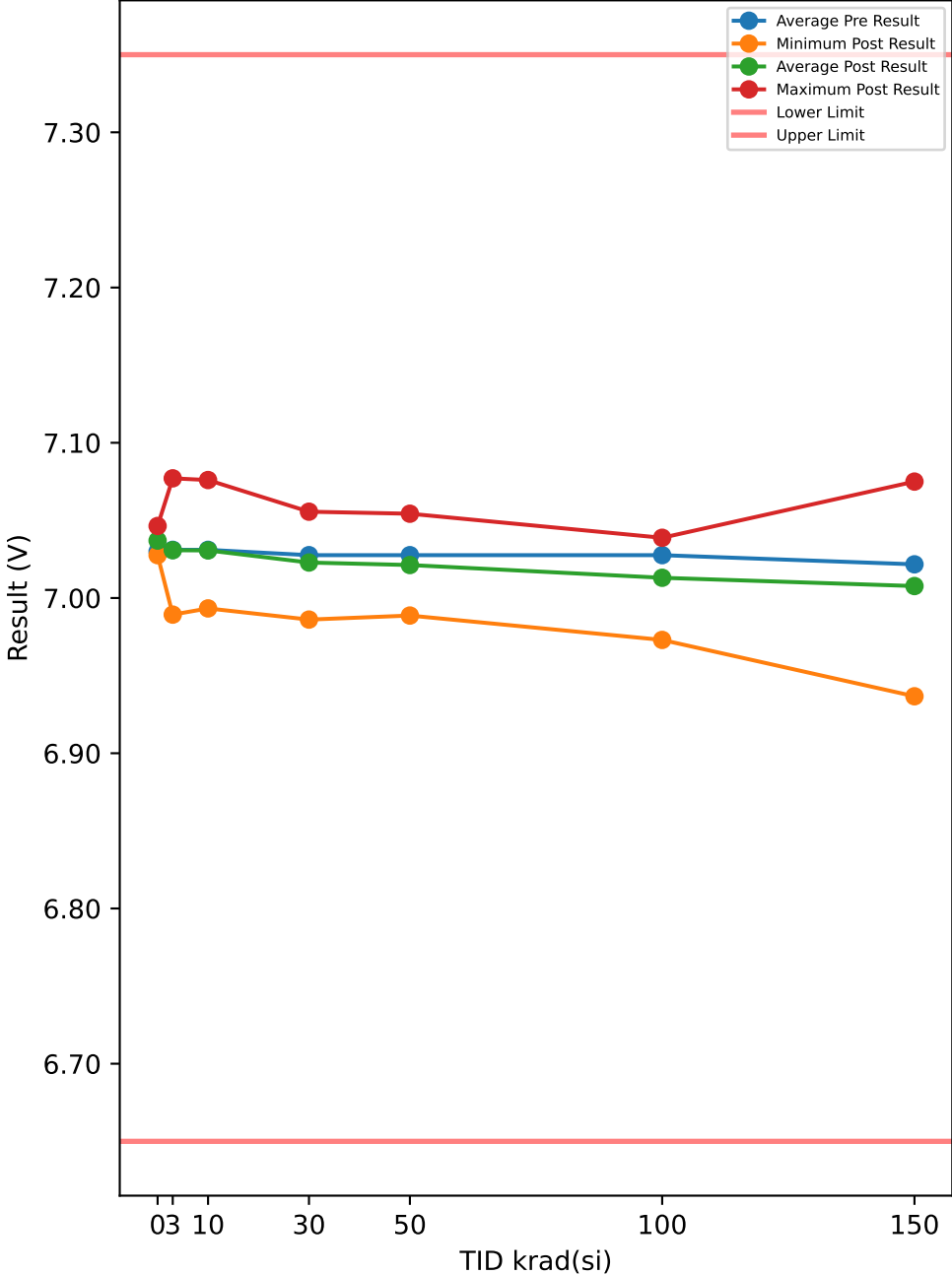


Test Statistics (V)

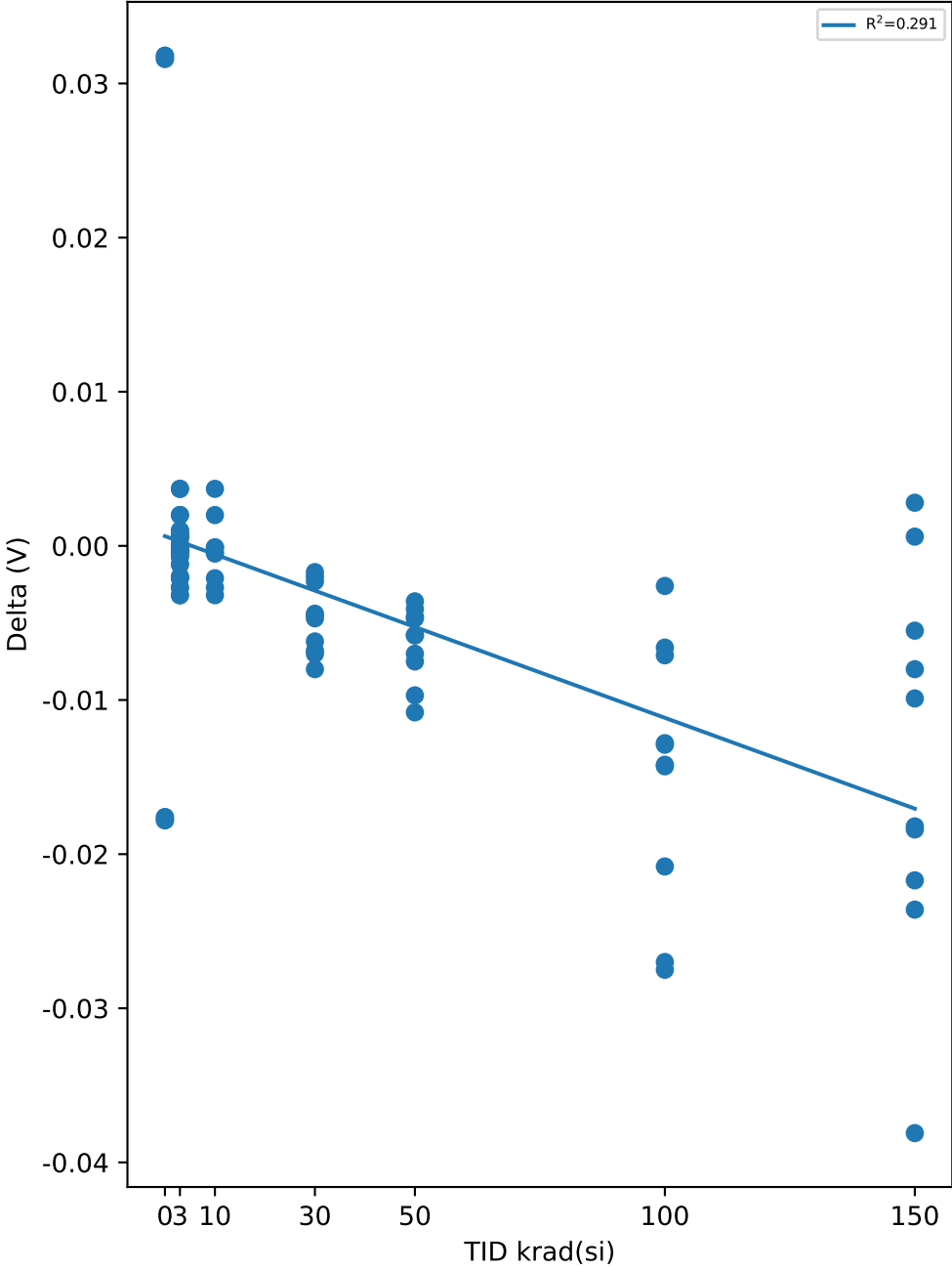
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9955	4.9956	4.9957	0.00014142	4.9835	4.9866	4.9896	0.0043134	-0.0122	-0.00905	-0.0059	0.0044548
3	4.9812	4.9935	5.011	0.010029	4.9823	4.9951	5.0121	0.010226	0.0011	0.0015889	0.0026	0.00049357
10	4.9812	4.9935	5.011	0.010029	4.9815	4.9943	5.014	0.010696	-0.0024	0.0008	0.004	0.0020845
30	4.9822	4.9992	5.0167	0.012524	4.9812	4.9991	5.018	0.012523	-0.0038	-0.00013	0.0032	0.0022911
50	4.9822	4.9992	5.0167	0.012524	4.9813	4.9981	5.0173	0.011928	-0.0042	-0.00109	0.0017	0.0020669
100	4.9822	4.9992	5.0167	0.012524	4.9784	4.9953	5.0158	0.013013	-0.0121	-0.00399	0.0002	0.0042829
150	4.9888	5.0079	5.0202	0.010855	4.9815	4.9999	5.0249	0.013782	-0.0247	-0.00809	0.0077	0.012361

Device Test: 60.15 V_BP7L IIM 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

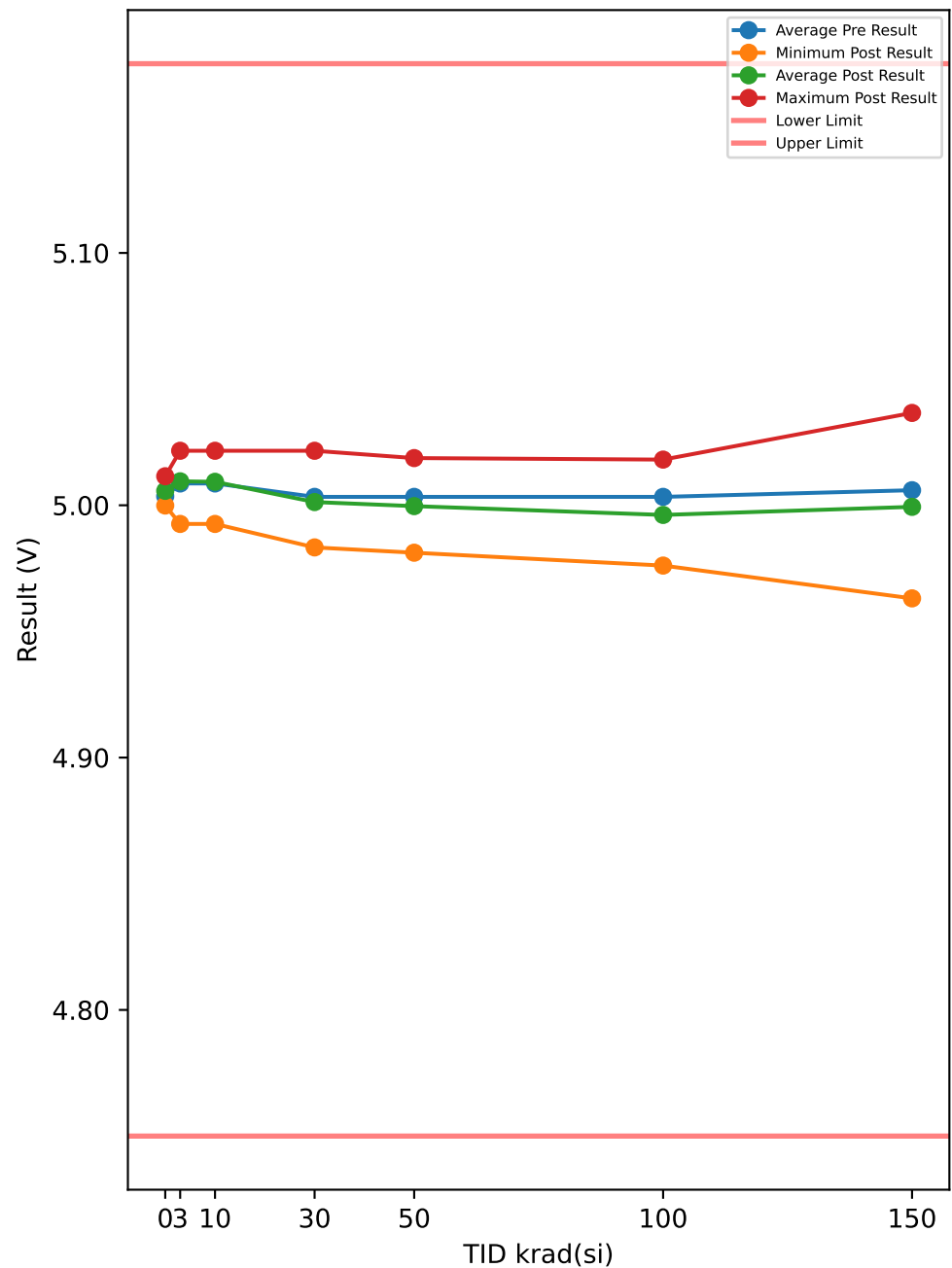
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0454	7.0278	-0.0176
2	0	CORRELATION	7.0146	7.0462	0.0316
259	3	LDR Biased	7.0764	7.0771	0.0007
426	3	LDR Biased	7.0152	7.0157	0.0005
427	3	LDR Biased	7.058	7.0587	0.0007
428	3	LDR Biased	7.0401	7.0394	-0.0007
429	3	LDR Unbiased	7.0343	7.034	-0.0003
430	3	LDR Unbiased	7.007	7.0071	0.0001
431	3	LDR Unbiased	6.9913	6.9893	-0.002
432	3	LDR Unbiased	7.037	7.0358	-0.0012
433	3	LDR Unbiased	7.02	7.021	0.001
1259	10	LDR Biased	7.0764	7.076	-0.0004
1426	10	LDR Biased	7.0152	7.0151	-0.0001
1427	10	LDR Biased	7.058	7.0559	-0.0021
1428	10	LDR Biased	7.0401	7.04	-0.0001
1429	10	LDR Unbiased	7.0343	7.0338	-0.0005
1430	10	LDR Unbiased	7.007	7.0043	-0.0027
1431	10	LDR Unbiased	6.9913	6.9933	0.002
1432	10	LDR Unbiased	7.037	7.0338	-0.0032
1433	10	LDR Unbiased	7.02	7.0237	0.0037
2434	30	LDR Biased	7.0064	7.0041	-0.0023
2435	30	LDR Biased	7.0386	7.0306	-0.008
2436	30	LDR Biased	7.0601	7.0556	-0.0045
2437	30	LDR Biased	7.047	7.0453	-0.0017
2438	30	LDR Biased	7.0549	7.0479	-0.007
2439	30	LDR Unbiased	6.9923	6.9861	-0.0062
2440	30	LDR Unbiased	6.9938	6.9918	-0.002
2441	30	LDR Unbiased	7.0454	7.0386	-0.0068
2443	30	LDR Unbiased	7.0146	7.0102	-0.0044
2444	30	LDR Unbiased	7.023	7.0183	-0.0047
3434	50	LDR Biased	7.0064	6.9989	-0.0075
3435	50	LDR Biased	7.0386	7.0289	-0.0097
3436	50	LDR Biased	7.0601	7.0543	-0.0058
3437	50	LDR Biased	7.047	7.0429	-0.0041
3438	50	LDR Biased	7.0549	7.0441	-0.0108
3439	50	LDR Unbiased	6.9923	6.9887	-0.0036
3440	50	LDR Unbiased	6.9938	6.9892	-0.0046
3441	50	LDR Unbiased	7.0454	7.0396	-0.0058
3443	50	LDR Unbiased	7.0146	7.0099	-0.0047
3444	50	LDR Unbiased	7.023	7.016	-0.007
4434	100	LDR Biased	7.0064	6.9936	-0.0128
4435	100	LDR Biased	7.0386	7.0244	-0.0142
4436	100	LDR Biased	7.0601	7.0331	-0.027
4437	100	LDR Biased	7.047	7.0327	-0.0143
4438	100	LDR Biased	7.0549	7.0274	-0.0275
4439	100	LDR Unbiased	6.9923	6.9852	-0.0071
4440	100	LDR Unbiased	6.9938	6.973	-0.0208
4441	100	LDR Unbiased	7.0454	7.0388	-0.0066
4443	100	LDR Unbiased	7.0146	7.012	-0.0026
4444	100	LDR Unbiased	7.023	7.0101	-0.0129
4500	150	LDR Biased	7.0325	7.0089	-0.0236
4501	150	LDR Biased	7.0118	7.0038	-0.008
4502	150	LDR Biased	6.9854	6.967	-0.0184
4503	150	LDR Biased	7.0446	7.0474	0.0028
4504	150	LDR Biased	6.9584	6.9367	-0.0217
4505	150	LDR Unbiased	6.9995	7.0001	0.0006
4506	150	LDR Unbiased	7.029	7.0108	-0.0182
4507	150	LDR Unbiased	7.0849	7.075	-0.0099
4508	150	LDR Unbiased	7.0194	6.9813	-0.0381
4509	150	LDR Unbiased	7.0515	7.046	-0.0055

Test Statistics (V)

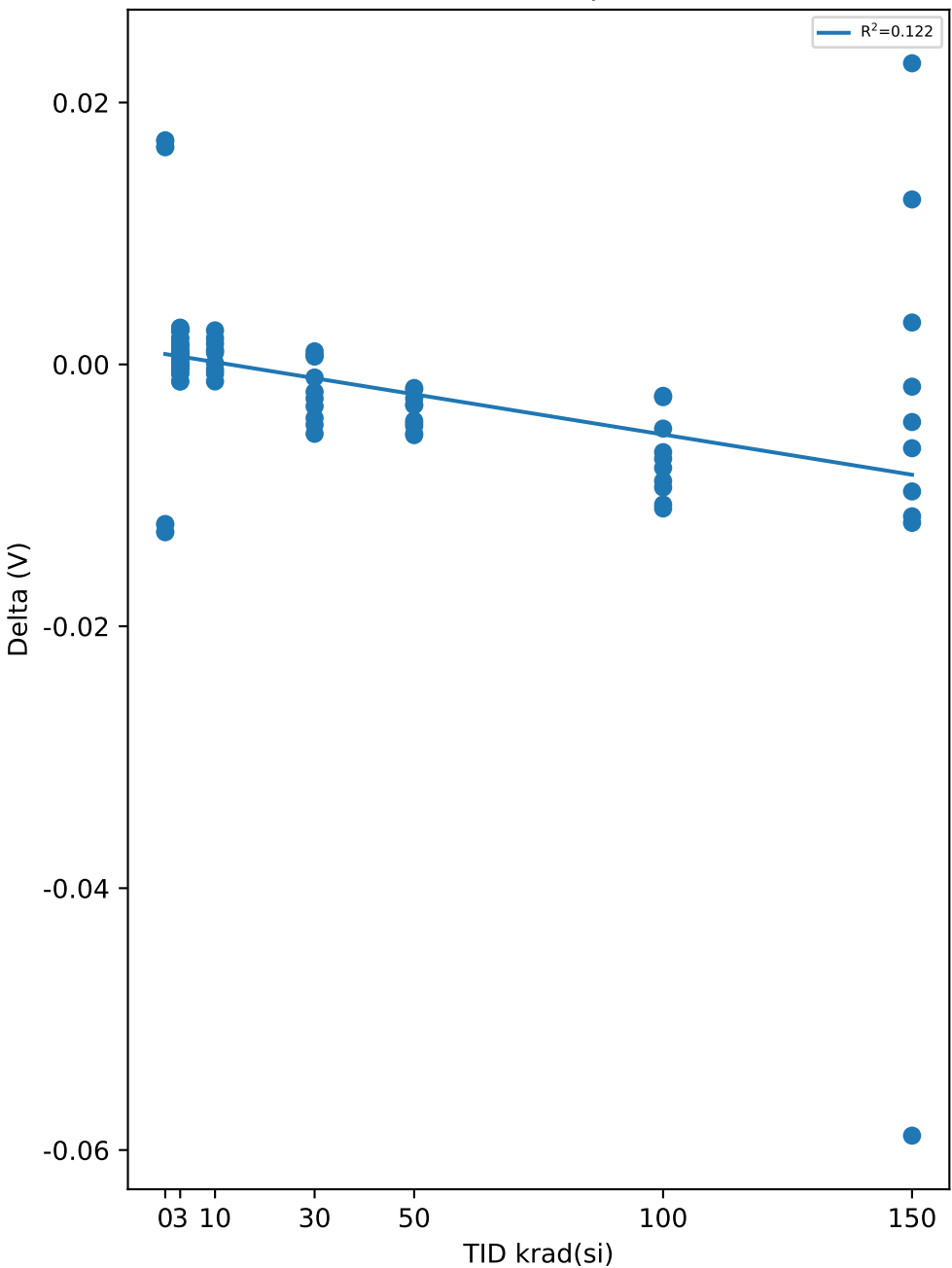
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0146	7.03	7.0454	0.021779	7.0278	7.037	7.0462	0.013011	-0.0176	0.007	0.0316	0.03479
3	6.9913	7.031	7.0764	0.026083	6.9893	7.0309	7.0771	0.02655	-0.002	-0.00013333	0.001	0.0010062
10	6.9913	7.031	7.0764	0.026083	6.9933	7.0307	7.076	0.025448	-0.0032	-0.00037778	0.0037	0.0022016
30	6.9923	7.0276	7.0601	0.025042	6.9861	7.0229	7.0556	0.024402	-0.008	-0.00476	-0.0017	0.0022357
50	6.9923	7.0276	7.0601	0.025042	6.9887	7.0213	7.0543	0.024086	-0.0108	-0.00636	-0.0036	0.0023987
100	6.9923	7.0276	7.0601	0.025042	6.973	7.013	7.0388	0.022494	-0.0275	-0.01458	-0.0026	0.0083615
150	6.9584	7.0217	7.0849	0.035742	6.9367	7.0077	7.075	0.040894	-0.0381	-0.014	0.0028	0.012426

Device Test: 60.16 V_BP5L IIM 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

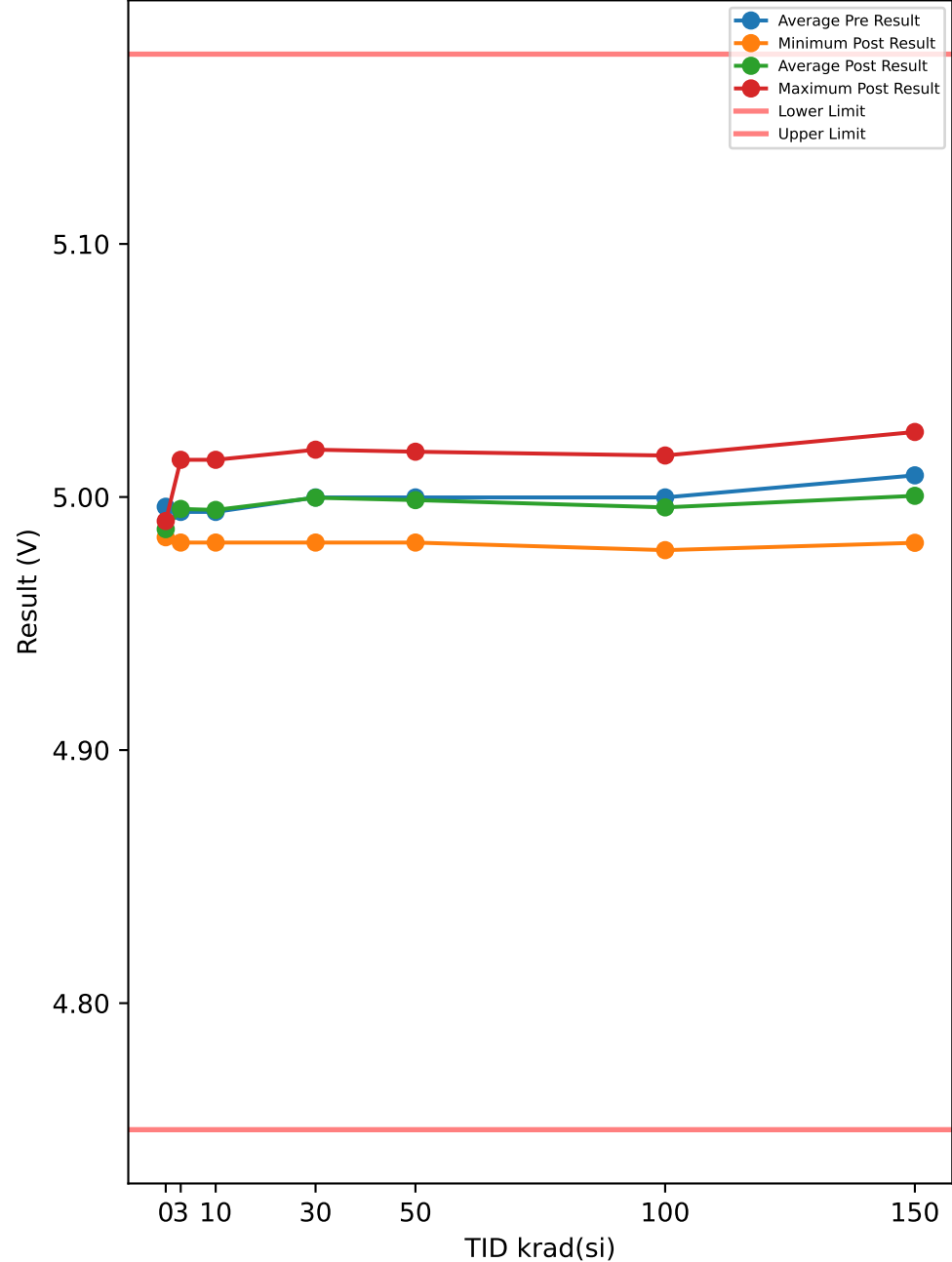
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9944	5.011	0.0166
2	0	CORRELATION	5.0127	4.9999	-0.0128
259	3	LDR Biased	5.0046	5.0072	0.0026
426	3	LDR Biased	5.0134	5.0133	-0.0001
427	3	LDR Biased	5.0105	5.0133	0.0028
428	3	LDR Biased	5.0215	5.0213	-0.0002
429	3	LDR Unbiased	5.0001	5.0015	0.0014
430	3	LDR Unbiased	4.993	4.9938	0.0008
431	3	LDR Unbiased	5.0041	5.005	0.0009
432	3	LDR Unbiased	5.0169	5.0177	0.0008
433	3	LDR Unbiased	5.0137	5.014	0.0003
1259	10	LDR Biased	5.0046	5.0066	0.002
1426	10	LDR Biased	5.0134	5.0121	-0.0013
1427	10	LDR Biased	5.0105	5.0131	0.0026
1428	10	LDR Biased	5.0215	5.0216	0.0001
1429	10	LDR Unbiased	5.0001	5.0012	0.0011
1430	10	LDR Unbiased	4.993	4.9926	-0.0004
1431	10	LDR Unbiased	5.0041	5.0057	0.0016
1432	10	LDR Unbiased	5.0169	5.0162	-0.0007
1433	10	LDR Unbiased	5.0137	5.0146	0.0009
2434	30	LDR Biased	5.0206	5.0216	0.001
2435	30	LDR Biased	5.0031	5.0021	-0.001
2436	30	LDR Biased	4.9866	4.9873	0.0007
2437	30	LDR Biased	4.984	4.9846	0.0006
2438	30	LDR Biased	5.008	5.0054	-0.0026
2439	30	LDR Unbiased	5.0228	5.0175	-0.0053
2440	30	LDR Unbiased	4.9865	4.9833	-0.0032
2441	30	LDR Unbiased	4.9944	4.9903	-0.0041
2443	30	LDR Unbiased	5.0127	5.0081	-0.0046
2444	30	LDR Unbiased	5.0146	5.0125	-0.0021
3434	50	LDR Biased	5.0206	5.0187	-0.0019
3435	50	LDR Biased	5.0031	4.9984	-0.0047
3436	50	LDR Biased	4.9866	4.9812	-0.0054
3437	50	LDR Biased	4.984	4.9814	-0.0026
3438	50	LDR Biased	5.008	5.0062	-0.0018
3439	50	LDR Unbiased	5.0228	5.0175	-0.0053
3440	50	LDR Unbiased	4.9865	4.9834	-0.0031
3441	50	LDR Unbiased	4.9944	4.9899	-0.0045
3443	50	LDR Unbiased	5.0127	5.0096	-0.0031
3444	50	LDR Unbiased	5.0146	5.0103	-0.0043
4434	100	LDR Biased	5.0206	5.0181	-0.0025
4435	100	LDR Biased	5.0031	4.9924	-0.0107
4436	100	LDR Biased	4.9866	4.9777	-0.0089
4437	100	LDR Biased	4.984	4.9761	-0.0079
4438	100	LDR Biased	5.008	5.0056	-0.0024
4439	100	LDR Unbiased	5.0228	5.0118	-0.011
4440	100	LDR Unbiased	4.9865	4.9771	-0.0094
4441	100	LDR Unbiased	4.9944	4.9872	-0.0072
4443	100	LDR Unbiased	5.0127	5.0078	-0.0049
4444	100	LDR Unbiased	5.0146	5.0079	-0.0067
4500	150	LDR Biased	5.0107	4.9986	-0.0121
4501	150	LDR Biased	4.9996	4.9899	-0.0097
4502	150	LDR Biased	5.0188	5.0072	-0.0116
4503	150	LDR Biased	4.9871	4.9827	-0.0044
4504	150	LDR Biased	5.02	5.0326	0.0126
4505	150	LDR Unbiased	4.9987	4.9923	-0.0064
4506	150	LDR Unbiased	5.022	4.9631	-0.0589
4507	150	LDR Unbiased	4.9943	4.9926	-0.0017
4508	150	LDR Unbiased	4.9949	4.9981	0.0032
4509	150	LDR Unbiased	5.0136	5.0366	0.023

Test Statistics (V)

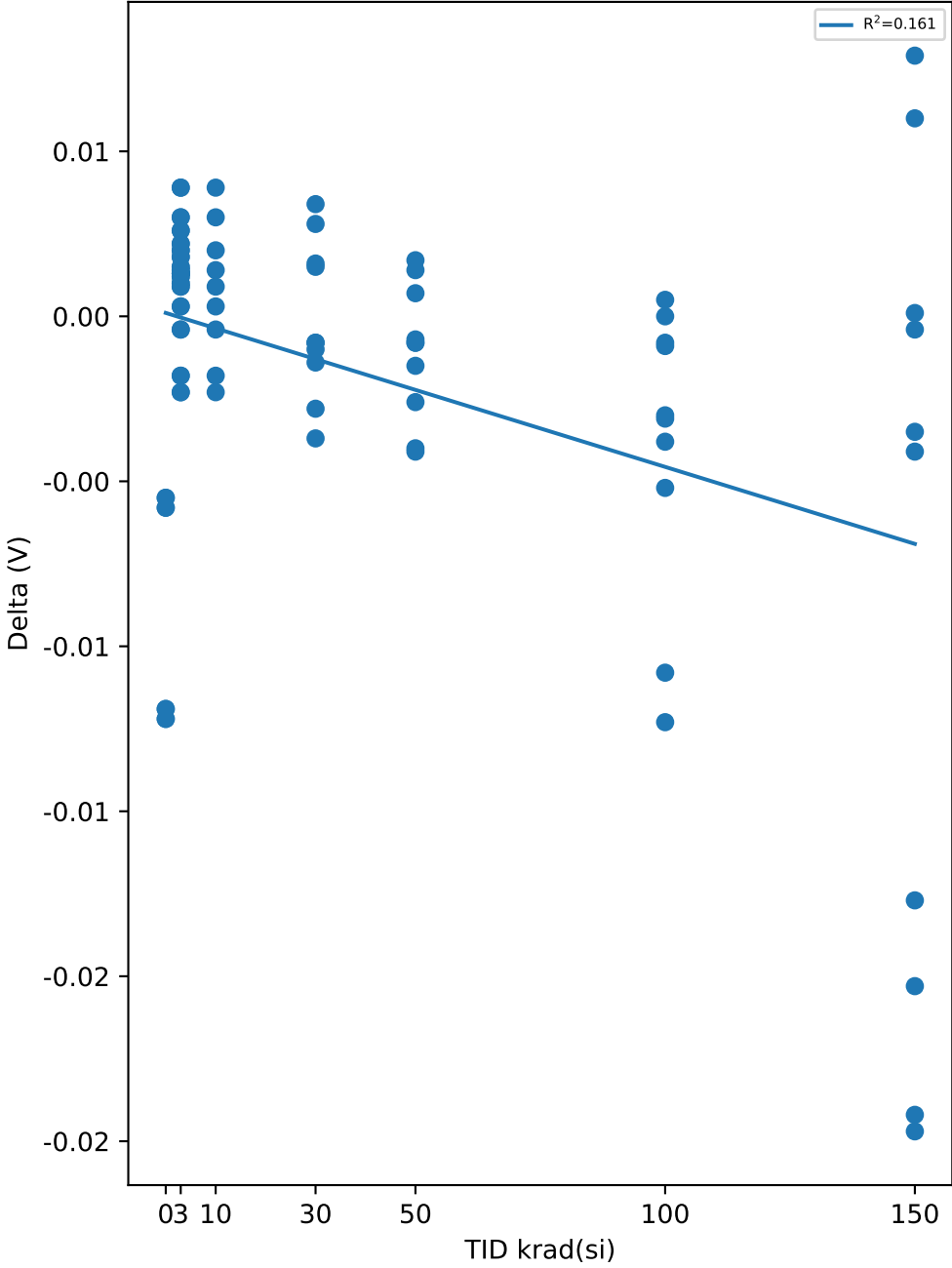
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9944	5.0035	5.0127	0.01294	4.9999	5.0054	5.011	0.0078489	-0.0128	0.0019	0.0166	0.020789
3	4.993	5.0086	5.0215	0.0089429	4.9938	5.0097	5.0213	0.0085976	-0.0002	0.0010333	0.0028	0.0010712
10	4.993	5.0086	5.0215	0.0089429	4.9926	5.0093	5.0216	0.0087609	-0.0013	0.00065556	0.0026	0.0013144
30	4.984	5.0033	5.0228	0.014646	4.9833	5.0013	5.0216	0.014077	-0.0053	-0.00206	0.001	0.0023066
50	4.984	5.0033	5.0228	0.014646	4.9812	4.9997	5.0187	0.014799	-0.0054	-0.00367	-0.0018	0.0013425
100	4.984	5.0033	5.0228	0.014646	4.9761	4.9962	5.0181	0.015949	-0.011	-0.00716	-0.0024	0.0030834
150	4.9871	5.006	5.022	0.012504	4.9631	4.9994	5.0366	0.021941	-0.0589	-0.0066	0.023	0.021525

Device Test: 60.17 V_BP5H IIM 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

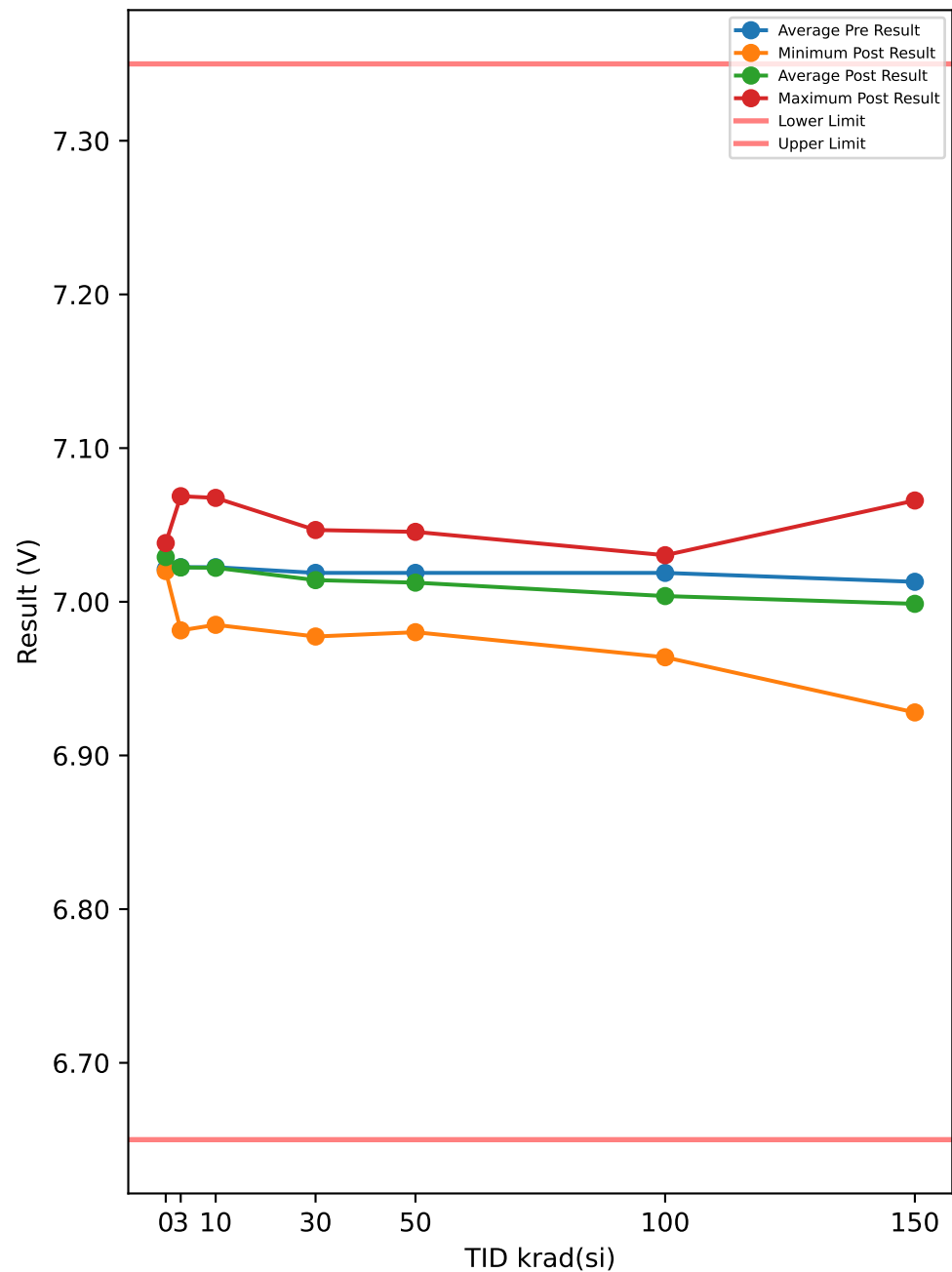
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.996	4.9902	-0.0058
2	0	CORRELATION	4.9963	4.9841	-0.0122
259	3	LDR Biased	5.0117	5.0127	0.001
426	3	LDR Biased	4.9956	4.9969	0.0013
427	3	LDR Biased	4.9878	4.9891	0.0013
428	3	LDR Biased	4.9817	4.9829	0.0012
429	3	LDR Unbiased	4.9846	4.9859	0.0013
430	3	LDR Unbiased	5.0044	5.007	0.0026
431	3	LDR Unbiased	5.0021	5.0043	0.0022
432	3	LDR Unbiased	4.9906	4.9924	0.0018
433	3	LDR Unbiased	4.9885	4.99	0.0015
1259	10	LDR Biased	5.0117	5.0147	0.003
1426	10	LDR Biased	4.9956	4.9952	-0.0004
1427	10	LDR Biased	4.9878	4.9892	0.0014
1428	10	LDR Biased	4.9817	4.982	0.0003
1429	10	LDR Unbiased	4.9846	4.9828	-0.0018
1430	10	LDR Unbiased	5.0044	5.0064	0.002
1431	10	LDR Unbiased	5.0021	4.9998	-0.0023
1432	10	LDR Unbiased	4.9906	4.9945	0.0039
1433	10	LDR Unbiased	4.9885	4.9894	0.0009
2434	30	LDR Biased	4.995	4.9984	0.0034
2435	30	LDR Biased	5.0092	5.0084	-0.0008
2436	30	LDR Biased	4.9851	4.9879	0.0028
2437	30	LDR Biased	5.0174	5.0146	-0.0028
2438	30	LDR Biased	4.9828	4.982	-0.0008
2439	30	LDR Unbiased	4.9906	4.9896	-0.001
2440	30	LDR Unbiased	5.0088	5.0104	0.0016
2441	30	LDR Unbiased	4.996	4.9923	-0.0037
2443	30	LDR Unbiased	4.9963	4.9949	-0.0014
2444	30	LDR Unbiased	5.0172	5.0187	0.0015
3434	50	LDR Biased	4.995	4.9964	0.0014
3435	50	LDR Biased	5.0092	5.0066	-0.0026
3436	50	LDR Biased	4.9851	4.9868	0.0017
3437	50	LDR Biased	5.0174	5.0133	-0.0041
3438	50	LDR Biased	4.9828	4.982	-0.0008
3439	50	LDR Unbiased	4.9906	4.9898	-0.0008
3440	50	LDR Unbiased	5.0088	5.0073	-0.0015
3441	50	LDR Unbiased	4.996	4.992	-0.004
3443	50	LDR Unbiased	4.9963	4.9956	-0.0007
3444	50	LDR Unbiased	5.0172	5.0179	0.0007
4434	100	LDR Biased	4.995	4.9955	0.0005
4435	100	LDR Biased	5.0092	5.0062	-0.003
4436	100	LDR Biased	4.9851	4.982	-0.0031
4437	100	LDR Biased	5.0174	5.0122	-0.0052
4438	100	LDR Biased	4.9828	4.979	-0.0038
4439	100	LDR Unbiased	4.9906	4.9798	-0.0108
4440	100	LDR Unbiased	5.0088	4.9965	-0.0123
4441	100	LDR Unbiased	4.996	4.996	0
4443	100	LDR Unbiased	4.9963	4.9954	-0.0009
4444	100	LDR Unbiased	5.0172	5.0164	-0.0008
4500	150	LDR Biased	4.9996	4.9819	-0.0177
4501	150	LDR Biased	4.9982	4.9947	-0.0035
4502	150	LDR Biased	5.0151	5.011	-0.0041
4503	150	LDR Biased	4.9999	5	0.0001
4504	150	LDR Biased	5.0118	4.9915	-0.0203
4505	150	LDR Unbiased	5.0208	4.9966	-0.0242
4506	150	LDR Unbiased	5.0134	4.9887	-0.0247
4507	150	LDR Unbiased	5.0195	5.0191	-0.0004
4508	150	LDR Unbiased	5.0178	5.0257	0.0079
4509	150	LDR Unbiased	4.9895	4.9955	0.006

Test Statistics (V)

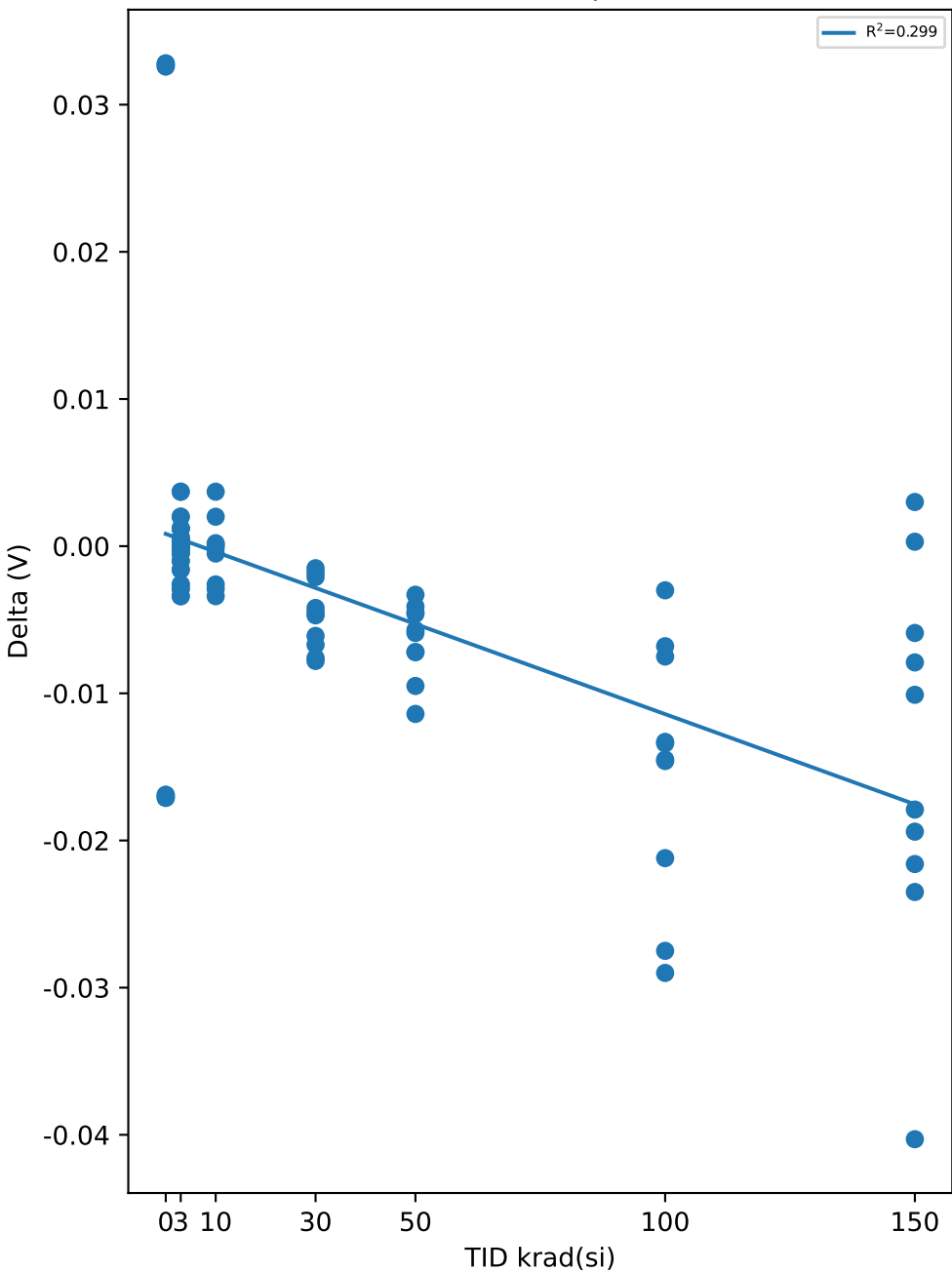
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.996	4.9962	4.9963	0.00021213	4.9841	4.9871	4.9902	0.0043134	-0.0122	-0.009	-0.0058	0.0045255
3	4.9817	4.9941	5.0117	0.010059	4.9829	4.9957	5.0127	0.01024	0.001	0.0015778	0.0026	0.00052387
10	4.9817	4.9941	5.0117	0.010059	4.982	4.9949	5.0147	0.010748	-0.0023	0.00077778	0.0039	0.0020711
30	4.9828	4.9998	5.0174	0.012567	4.982	4.9997	5.0187	0.012504	-0.0037	-0.00012	0.0034	0.0023532
50	4.9828	4.9998	5.0174	0.012567	4.982	4.9988	5.0179	0.011915	-0.0041	-0.00107	0.0017	0.0020407
100	4.9828	4.9998	5.0174	0.012567	4.979	4.9959	5.0164	0.013042	-0.0123	-0.00394	0.0005	0.0044031
150	4.9895	5.0086	5.0208	0.01084	4.9819	5.0005	5.0257	0.013871	-0.0247	-0.00809	0.0079	0.012447

Device Test: 60.18 V_BP7L IIM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

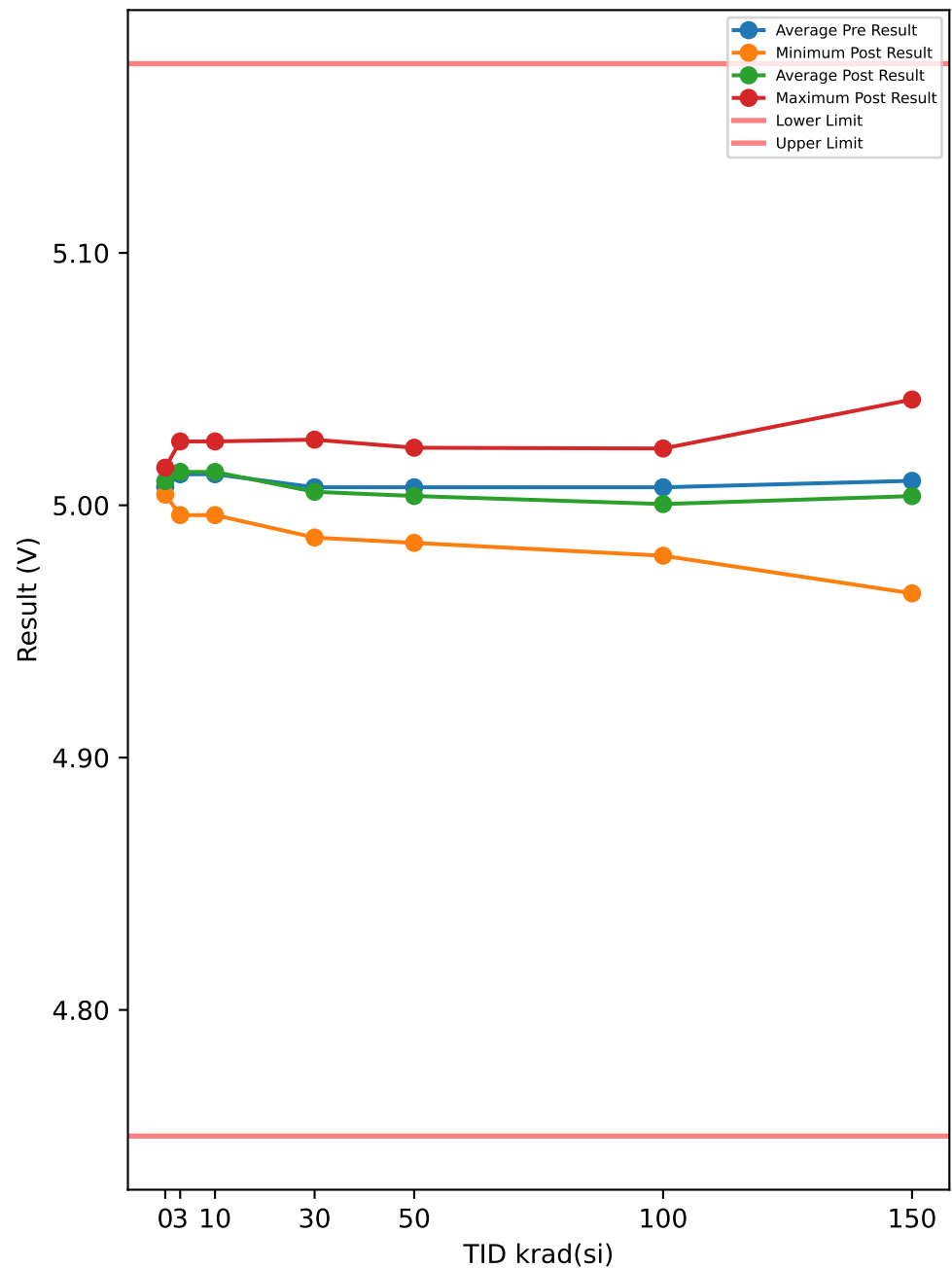
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0371	7.0202	-0.0169
2	0	CORRELATION	7.0054	7.038	0.0326
259	3	LDR Biased	7.0675	7.0687	0.0012
426	3	LDR Biased	7.0067	7.0073	0.0006
427	3	LDR Biased	7.0497	7.0501	0.0004
428	3	LDR Biased	7.0313	7.031	-0.0003
429	3	LDR Unbiased	7.0255	7.0254	-0.0001
430	3	LDR Unbiased	6.9988	6.9991	0.0003
431	3	LDR Unbiased	6.983	6.9814	-0.0016
432	3	LDR Unbiased	7.0286	7.0276	-0.001
433	3	LDR Unbiased	7.0114	7.0126	0.0012
1259	10	LDR Biased	7.0675	7.0676	0.0001
1426	10	LDR Biased	7.0067	7.0069	0.0002
1427	10	LDR Biased	7.0497	7.0471	-0.0026
1428	10	LDR Biased	7.0313	7.0312	-0.0001
1429	10	LDR Unbiased	7.0255	7.025	-0.0005
1430	10	LDR Unbiased	6.9988	6.9959	-0.0029
1431	10	LDR Unbiased	6.983	6.985	0.002
1432	10	LDR Unbiased	7.0286	7.0252	-0.0034
1433	10	LDR Unbiased	7.0114	7.0151	0.0037
2434	30	LDR Biased	6.9978	6.996	-0.0018
2435	30	LDR Biased	7.0295	7.0217	-0.0078
2436	30	LDR Biased	7.0512	7.0467	-0.0045
2437	30	LDR Biased	7.0379	7.0364	-0.0015
2438	30	LDR Biased	7.0459	7.0383	-0.0076
2439	30	LDR Unbiased	6.9835	6.9774	-0.0061
2440	30	LDR Unbiased	6.9851	6.983	-0.0021
2441	30	LDR Unbiased	7.0371	7.0304	-0.0067
2443	30	LDR Unbiased	7.0054	7.0012	-0.0042
2444	30	LDR Unbiased	7.0146	7.0099	-0.0047
3434	50	LDR Biased	6.9978	6.9906	-0.0072
3435	50	LDR Biased	7.0295	7.02	-0.0095
3436	50	LDR Biased	7.0512	7.0455	-0.0057
3437	50	LDR Biased	7.0379	7.0338	-0.0041
3438	50	LDR Biased	7.0459	7.0345	-0.0114
3439	50	LDR Unbiased	6.9835	6.9802	-0.0033
3440	50	LDR Unbiased	6.9851	6.9806	-0.0045
3441	50	LDR Unbiased	7.0371	7.0312	-0.0059
3443	50	LDR Unbiased	7.0054	7.0008	-0.0046
3444	50	LDR Unbiased	7.0146	7.0074	-0.0072
4434	100	LDR Biased	6.9978	6.9844	-0.0134
4435	100	LDR Biased	7.0295	7.0149	-0.0146
4436	100	LDR Biased	7.0512	7.0237	-0.0275
4437	100	LDR Biased	7.0379	7.0234	-0.0145
4438	100	LDR Biased	7.0459	7.0169	-0.029
4439	100	LDR Unbiased	6.9835	6.976	-0.0075
4440	100	LDR Unbiased	6.9851	6.9639	-0.0212
4441	100	LDR Unbiased	7.0371	7.0303	-0.0068
4443	100	LDR Unbiased	7.0054	7.0024	-0.003
4444	100	LDR Unbiased	7.0146	7.0013	-0.0133
4500	150	LDR Biased	7.0239	7.0004	-0.0235
4501	150	LDR Biased	7.0032	6.9953	-0.0079
4502	150	LDR Biased	6.9768	6.9589	-0.0179
4503	150	LDR Biased	7.0357	7.0387	0.003
4504	150	LDR Biased	6.9496	6.928	-0.0216
4505	150	LDR Unbiased	6.9907	6.991	0.0003
4506	150	LDR Unbiased	7.0204	7.001	-0.0194
4507	150	LDR Unbiased	7.076	7.0659	-0.0101
4508	150	LDR Unbiased	7.011	6.9707	-0.0403
4509	150	LDR Unbiased	7.0427	7.0368	-0.0059

Test Statistics (V)

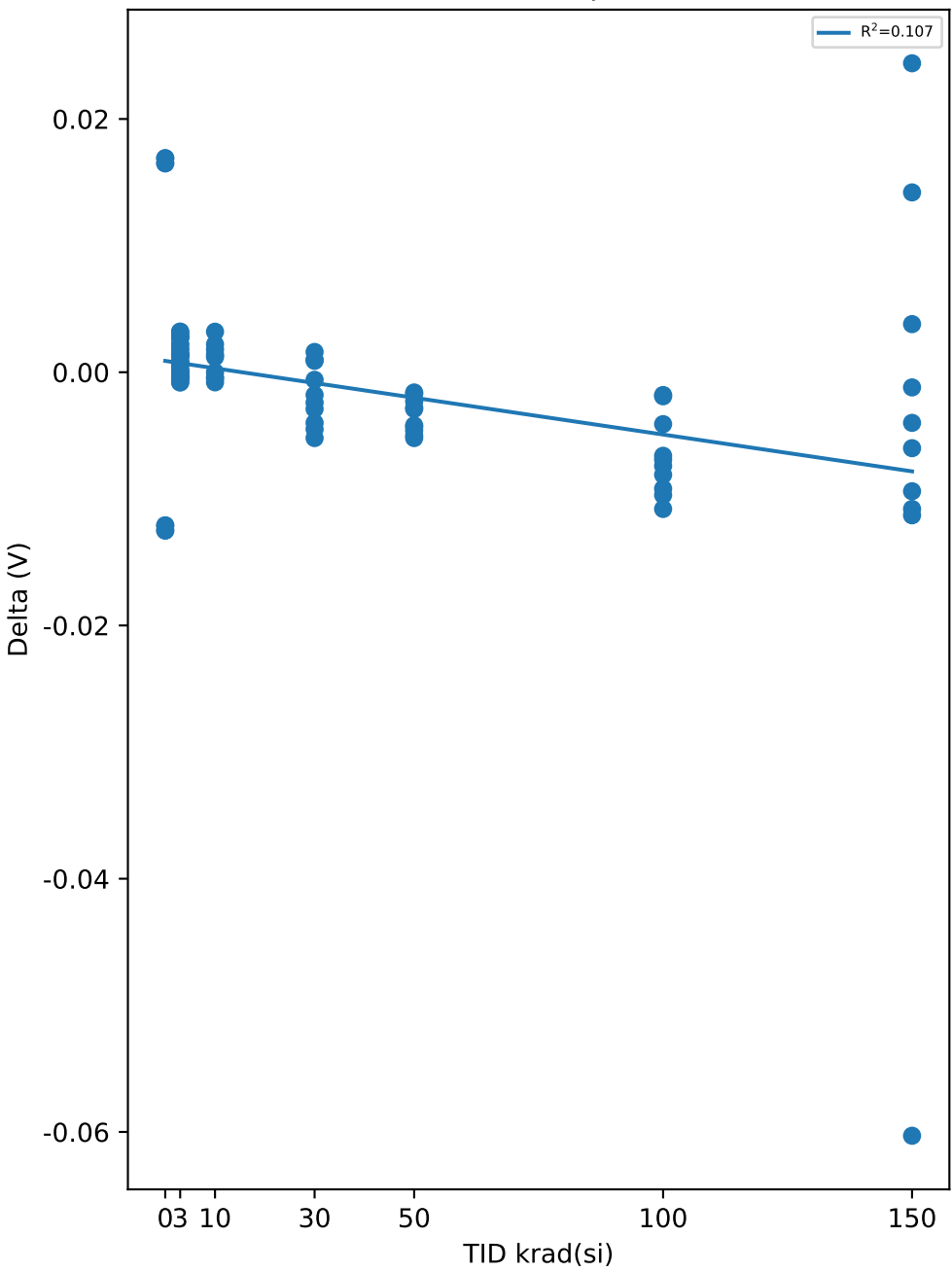
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0054	7.0213	7.0371	0.022415	7.0202	7.0291	7.038	0.012587	-0.0169	0.00785	0.0326	0.035002
3	6.983	7.0225	7.0675	0.025941	6.9814	7.0226	7.0687	0.026383	-0.0016	7.7778e-05	0.0012	0.00094178
10	6.983	7.0225	7.0675	0.025941	6.985	7.0221	7.0676	0.025345	-0.0034	-0.00038889	0.0037	0.0023283
30	6.9835	7.0188	7.0512	0.024985	6.9774	7.0141	7.0467	0.024255	-0.0078	-0.0047	-0.0015	0.0023495
50	6.9835	7.0188	7.0512	0.024985	6.9802	7.0125	7.0455	0.023889	-0.0114	-0.00634	-0.0033	0.0025461
100	6.9835	7.0188	7.0512	0.024985	6.9639	7.0037	7.0303	0.022427	-0.029	-0.01508	-0.003	0.0085892
150	6.9496	7.013	7.076	0.035695	6.928	6.9987	7.0659	0.040843	-0.0403	-0.01433	0.003	0.012886

Device Test: 60.19 V_BP5L IIM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

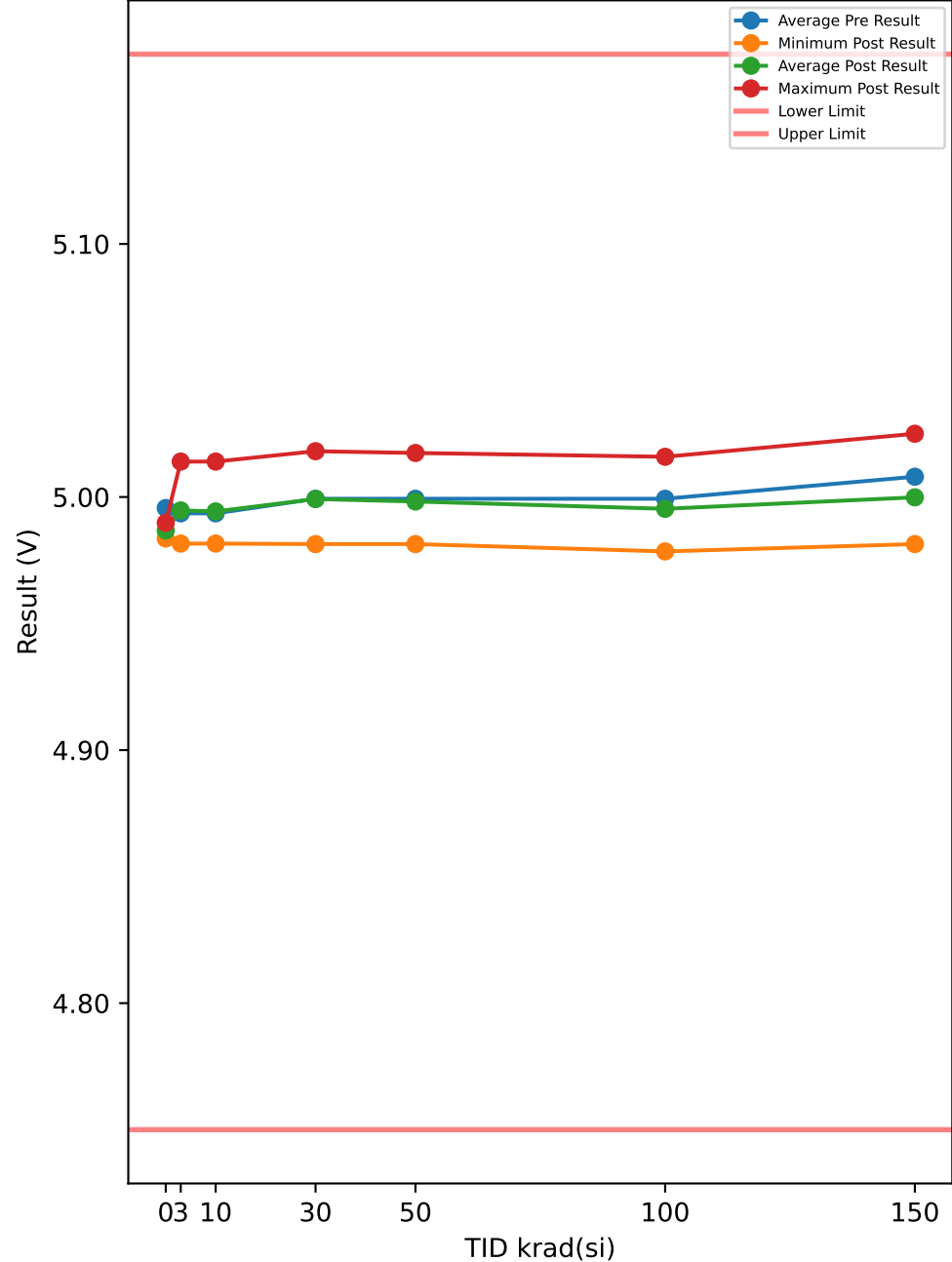
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.998	5.0145	0.0165
2	0	CORRELATION	5.0167	5.0042	-0.0125
259	3	LDR Biased	5.0081	5.0108	0.0027
426	3	LDR Biased	5.0174	5.0172	-0.0002
427	3	LDR Biased	5.014	5.0169	0.0029
428	3	LDR Biased	5.0253	5.0249	-0.0004
429	3	LDR Unbiased	5.0037	5.0051	0.0014
430	3	LDR Unbiased	4.9965	4.9972	0.0007
431	3	LDR Unbiased	5.0078	5.0086	0.0008
432	3	LDR Unbiased	5.0208	5.0214	0.0006
433	3	LDR Unbiased	5.0171	5.0173	0.0002
1259	10	LDR Biased	5.0081	5.0103	0.0022
1426	10	LDR Biased	5.0174	5.0166	-0.0008
1427	10	LDR Biased	5.014	5.0172	0.0032
1428	10	LDR Biased	5.0253	5.0253	0
1429	10	LDR Unbiased	5.0037	5.0051	0.0014
1430	10	LDR Unbiased	4.9965	4.9961	-0.0004
1431	10	LDR Unbiased	5.0078	5.0096	0.0018
1432	10	LDR Unbiased	5.0208	5.0203	-0.0005
1433	10	LDR Unbiased	5.0171	5.0183	0.0012
2434	30	LDR Biased	5.0244	5.026	0.0016
2435	30	LDR Biased	5.0066	5.006	-0.0006
2436	30	LDR Biased	4.9904	4.9914	0.001
2437	30	LDR Biased	4.9874	4.9883	0.0009
2438	30	LDR Biased	5.012	5.0096	-0.0024
2439	30	LDR Unbiased	5.0272	5.022	-0.0052
2440	30	LDR Unbiased	4.9901	4.9872	-0.0029
2441	30	LDR Unbiased	4.998	4.994	-0.004
2443	30	LDR Unbiased	5.0167	5.0122	-0.0045
2444	30	LDR Unbiased	5.0185	5.0167	-0.0018
3434	50	LDR Biased	5.0244	5.0228	-0.0016
3435	50	LDR Biased	5.0066	5.0024	-0.0042
3436	50	LDR Biased	4.9904	4.9852	-0.0052
3437	50	LDR Biased	4.9874	4.9851	-0.0023
3438	50	LDR Biased	5.012	5.0103	-0.0017
3439	50	LDR Unbiased	5.0272	5.0222	-0.005
3440	50	LDR Unbiased	4.9901	4.9872	-0.0029
3441	50	LDR Unbiased	4.998	4.9934	-0.0046
3443	50	LDR Unbiased	5.0167	5.0139	-0.0028
3444	50	LDR Unbiased	5.0185	5.0142	-0.0043
4434	100	LDR Biased	5.0244	5.0225	-0.0019
4435	100	LDR Biased	5.0066	4.9969	-0.0097
4436	100	LDR Biased	4.9904	4.9823	-0.0081
4437	100	LDR Biased	4.9874	4.98	-0.0074
4438	100	LDR Biased	5.012	5.0102	-0.0018
4439	100	LDR Unbiased	5.0272	5.0164	-0.0108
4440	100	LDR Unbiased	4.9901	4.9809	-0.0092
4441	100	LDR Unbiased	4.998	4.9911	-0.0069
4443	100	LDR Unbiased	5.0167	5.0126	-0.0041
4444	100	LDR Unbiased	5.0185	5.0119	-0.0066
4500	150	LDR Biased	5.0147	5.0034	-0.0113
4501	150	LDR Biased	5.0033	4.9939	-0.0094
4502	150	LDR Biased	5.0227	5.0119	-0.0108
4503	150	LDR Biased	4.9905	4.9865	-0.004
4504	150	LDR Biased	5.0239	5.0381	0.0142
4505	150	LDR Unbiased	5.0024	4.9964	-0.006
4506	150	LDR Unbiased	5.0254	4.9651	-0.0603
4507	150	LDR Unbiased	4.9981	4.9969	-0.0012
4508	150	LDR Unbiased	4.9984	5.0022	0.0038
4509	150	LDR Unbiased	5.0175	5.0419	0.0244

Test Statistics (V)

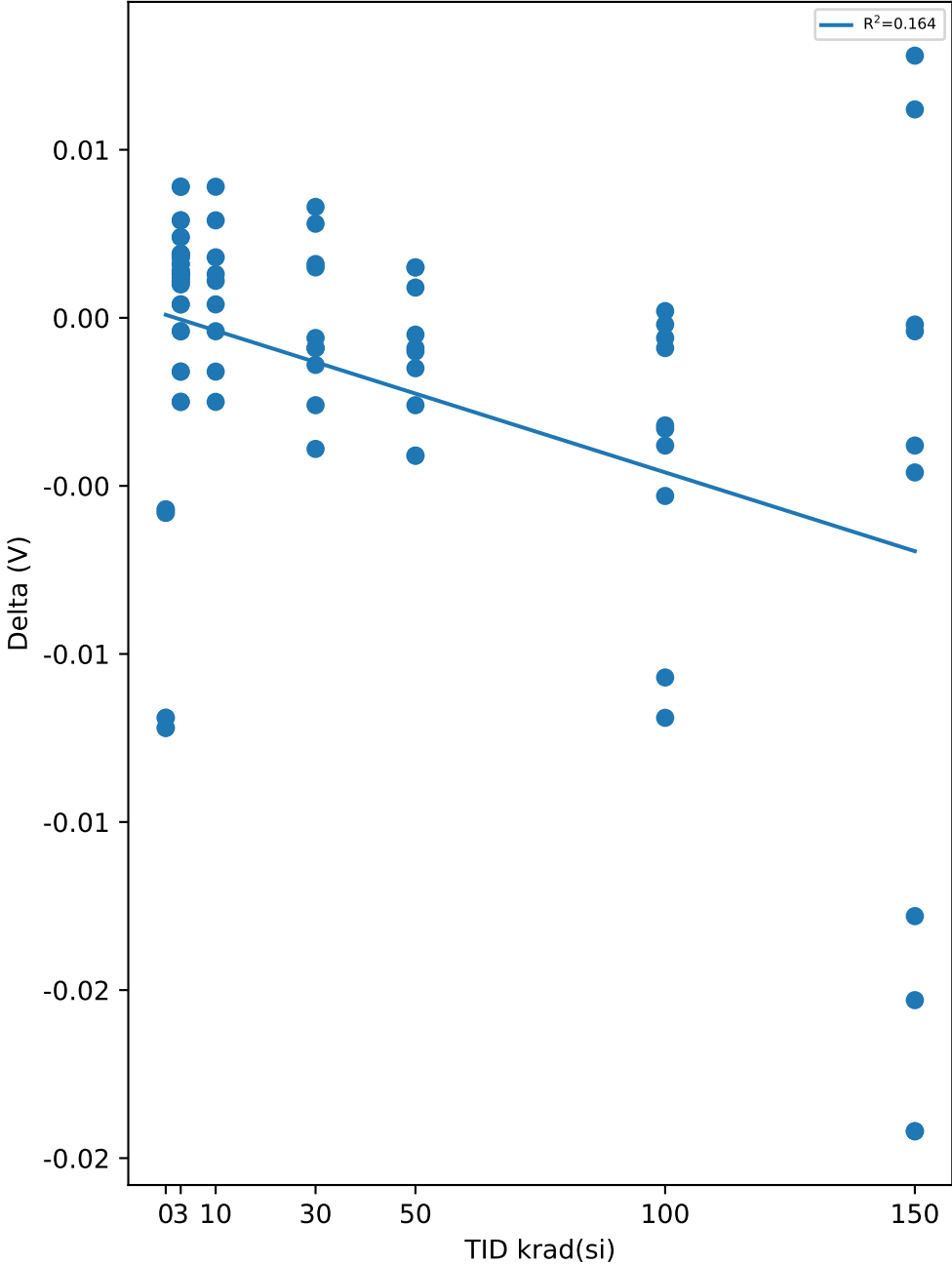
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.998	5.0074	5.0167	0.013223	5.0042	5.0093	5.0145	0.0072832	-0.0125	0.002	0.0165	0.020506
3	4.9965	5.0123	5.0253	0.0090463	4.9972	5.0133	5.0249	0.0086539	-0.0004	0.00096667	0.0029	0.0011715
10	4.9965	5.0123	5.0253	0.0090463	4.9961	5.0132	5.0253	0.0088726	-0.0008	0.0009	0.0032	0.001391
30	4.9874	5.0071	5.0272	0.014864	4.9872	5.0053	5.026	0.014304	-0.0052	-0.00179	0.0016	0.0024356
50	4.9874	5.0071	5.0272	0.014864	4.9851	5.0037	5.0228	0.01503	-0.0052	-0.00346	-0.0016	0.0013583
100	4.9874	5.0071	5.0272	0.014864	4.98	5.0005	5.0225	0.016139	-0.0108	-0.00665	-0.0018	0.0031331
150	4.9905	5.0097	5.0254	0.012597	4.9651	5.0036	5.0419	0.022836	-0.0603	-0.00606	0.0244	0.022277

Device Test: 60.2 V_BP5H PWM 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

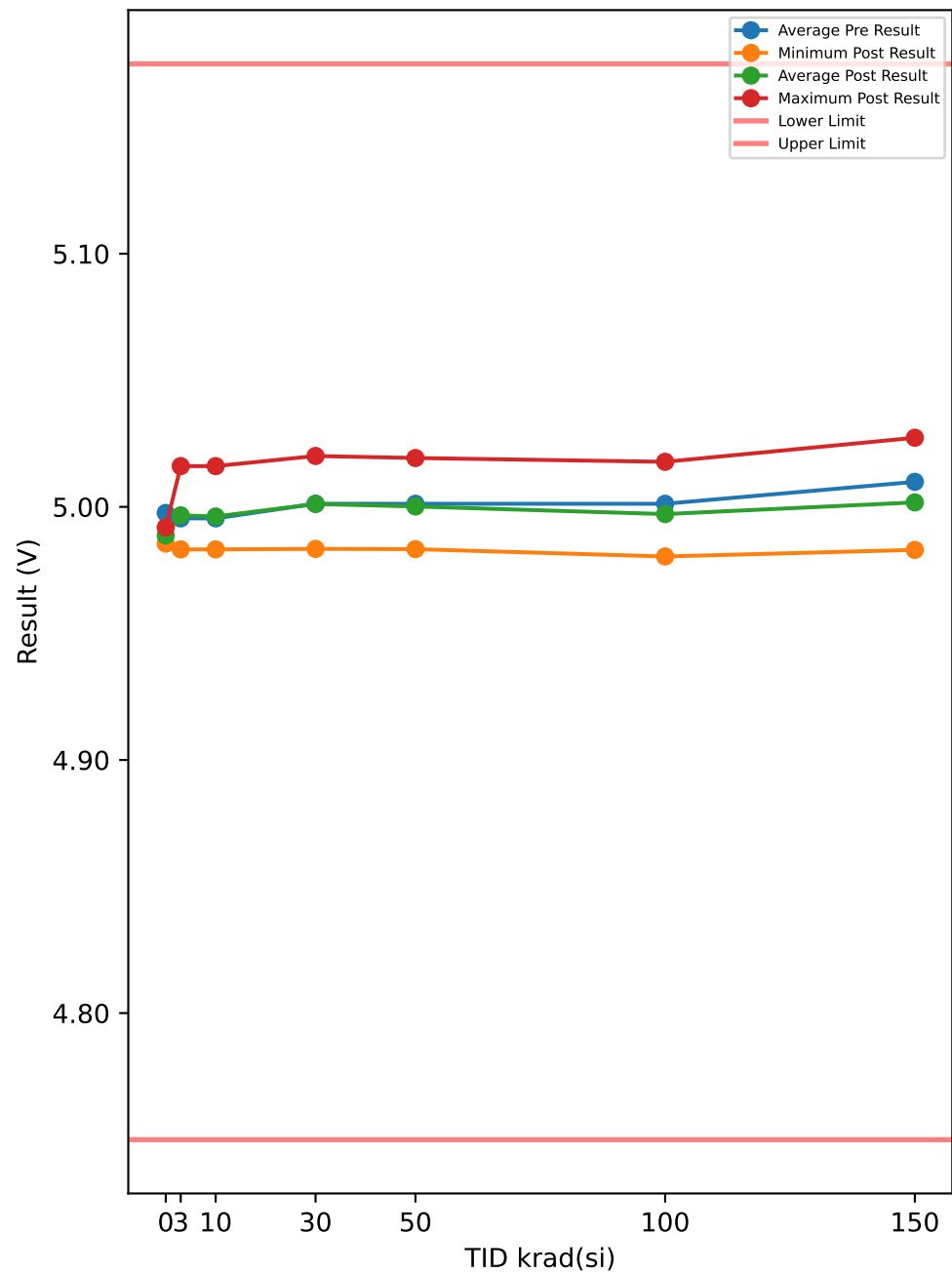
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9955	4.9897	-0.0058
2	0	CORRELATION	4.9958	4.9836	-0.0122
259	3	LDR Biased	5.0111	5.0121	0.001
426	3	LDR Biased	4.995	4.9963	0.0013
427	3	LDR Biased	4.9872	4.9885	0.0013
428	3	LDR Biased	4.9812	4.9824	0.0012
429	3	LDR Unbiased	4.984	4.9854	0.0014
430	3	LDR Unbiased	5.004	5.0064	0.0024
431	3	LDR Unbiased	5.0016	5.0035	0.0019
432	3	LDR Unbiased	4.99	4.9919	0.0019
433	3	LDR Unbiased	4.9878	4.9894	0.0016
1259	10	LDR Biased	5.0111	5.014	0.0029
1426	10	LDR Biased	4.995	4.9946	-0.0004
1427	10	LDR Biased	4.9872	4.9885	0.0013
1428	10	LDR Biased	4.9812	4.9816	0.0004
1429	10	LDR Unbiased	4.984	4.9824	-0.0016
1430	10	LDR Unbiased	5.004	5.0058	0.0018
1431	10	LDR Unbiased	5.0016	4.9991	-0.0025
1432	10	LDR Unbiased	4.99	4.9939	0.0039
1433	10	LDR Unbiased	4.9878	4.9889	0.0011
2434	30	LDR Biased	4.9945	4.9978	0.0033
2435	30	LDR Biased	5.0086	5.008	-0.0006
2436	30	LDR Biased	4.9848	4.9876	0.0028
2437	30	LDR Biased	5.0168	5.0142	-0.0026
2438	30	LDR Biased	4.9823	4.9814	-0.0009
2439	30	LDR Unbiased	4.99	4.9891	-0.0009
2440	30	LDR Unbiased	5.0083	5.0098	0.0015
2441	30	LDR Unbiased	4.9955	4.9916	-0.0039
2443	30	LDR Unbiased	4.9958	4.9944	-0.0014
2444	30	LDR Unbiased	5.0165	5.0181	0.0016
3434	50	LDR Biased	4.9945	4.996	0.0015
3435	50	LDR Biased	5.0086	5.006	-0.0026
3436	50	LDR Biased	4.9848	4.9863	0.0015
3437	50	LDR Biased	5.0168	5.0127	-0.0041
3438	50	LDR Biased	4.9823	4.9814	-0.0009
3439	50	LDR Unbiased	4.99	4.989	-0.001
3440	50	LDR Unbiased	5.0083	5.0068	-0.0015
3441	50	LDR Unbiased	4.9955	4.9914	-0.0041
3443	50	LDR Unbiased	4.9958	4.9953	-0.0005
3444	50	LDR Unbiased	5.0165	5.0174	0.0009
4434	100	LDR Biased	4.9945	4.9947	0.0002
4435	100	LDR Biased	5.0086	5.0054	-0.0032
4436	100	LDR Biased	4.9848	4.9815	-0.0033
4437	100	LDR Biased	5.0168	5.0115	-0.0053
4438	100	LDR Biased	4.9823	4.9785	-0.0038
4439	100	LDR Unbiased	4.99	4.9793	-0.0107
4440	100	LDR Unbiased	5.0083	4.9964	-0.0119
4441	100	LDR Unbiased	4.9955	4.9953	-0.0002
4443	100	LDR Unbiased	4.9958	4.9949	-0.0009
4444	100	LDR Unbiased	5.0165	5.0159	-0.0006
4500	150	LDR Biased	4.9992	4.9814	-0.0178
4501	150	LDR Biased	4.9977	4.9939	-0.0038
4502	150	LDR Biased	5.0146	5.01	-0.0046
4503	150	LDR Biased	4.9995	4.9993	-0.0002
4504	150	LDR Biased	5.0112	4.9909	-0.0203
4505	150	LDR Unbiased	5.0203	4.9961	-0.0242
4506	150	LDR Unbiased	5.0129	4.9887	-0.0242
4507	150	LDR Unbiased	5.0189	5.0185	-0.0004
4508	150	LDR Unbiased	5.0172	5.025	0.0078
4509	150	LDR Unbiased	4.9887	4.9949	0.0062

Test Statistics (V)

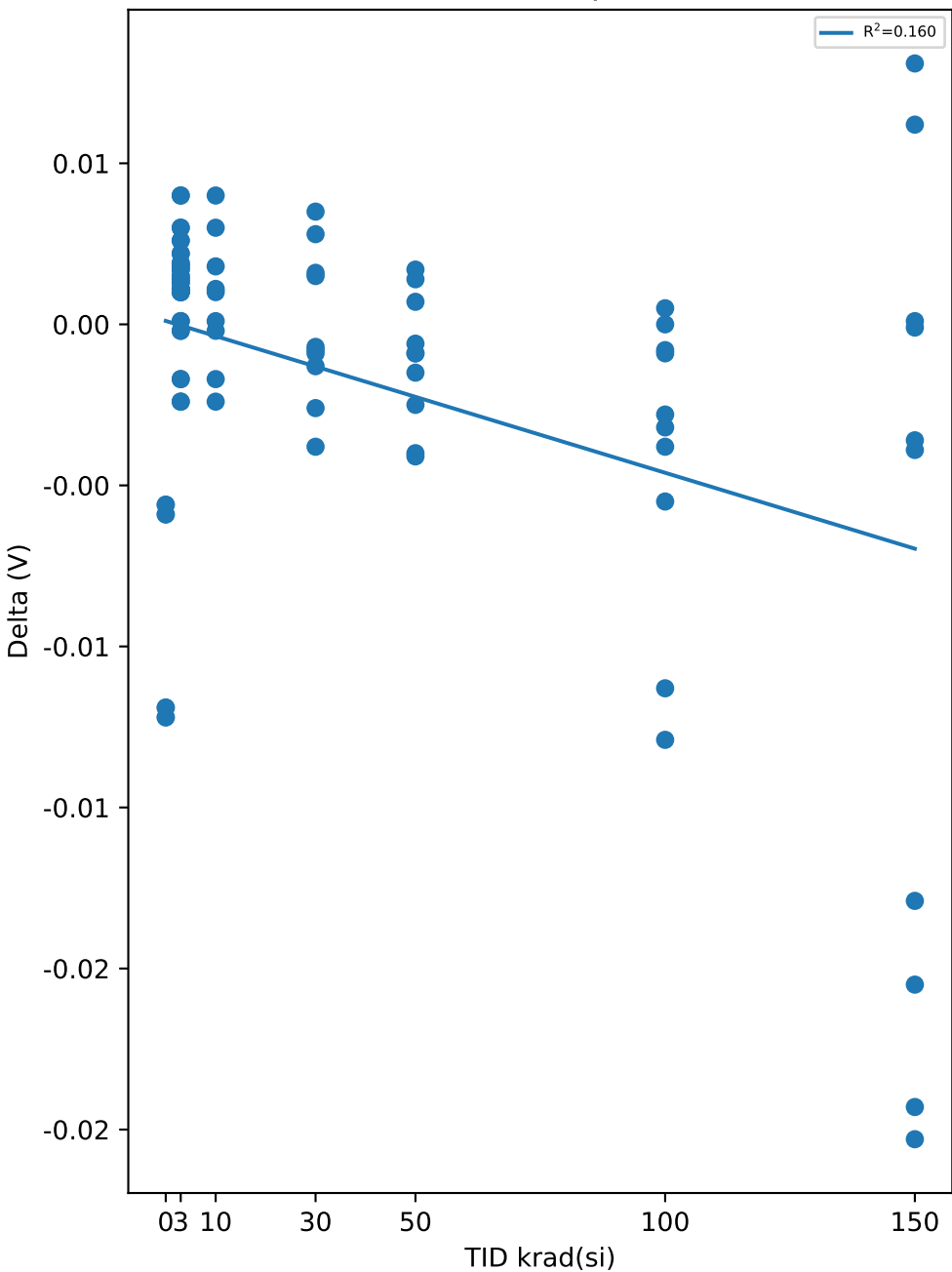
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9955	4.9956	4.9958	0.00021213	4.9836	4.9867	4.9897	0.0043134	-0.0122	-0.009	-0.0058	0.0045255
3	4.9812	4.9935	5.0111	0.010086	4.9824	4.9951	5.0121	0.010188	0.001	0.0015556	0.0024	0.00043906
10	4.9812	4.9935	5.0111	0.010086	4.9816	4.9943	5.014	0.010661	-0.0025	0.00076667	0.0039	0.0020494
30	4.9823	4.9993	5.0168	0.012495	4.9814	4.9992	5.0181	0.012509	-0.0039	-0.00011	0.0033	0.0023412
50	4.9823	4.9993	5.0168	0.012495	4.9814	4.9982	5.0174	0.011933	-0.0041	-0.00108	0.0015	0.0020639
100	4.9823	4.9993	5.0168	0.012495	4.9785	4.9953	5.0159	0.012992	-0.0119	-0.00397	0.0002	0.0042609
150	4.9887	5.008	5.0203	0.010857	4.9814	4.9999	5.025	0.013754	-0.0242	-0.00815	0.0078	0.012343

Device Test: 60.20 V_BP5H IIM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

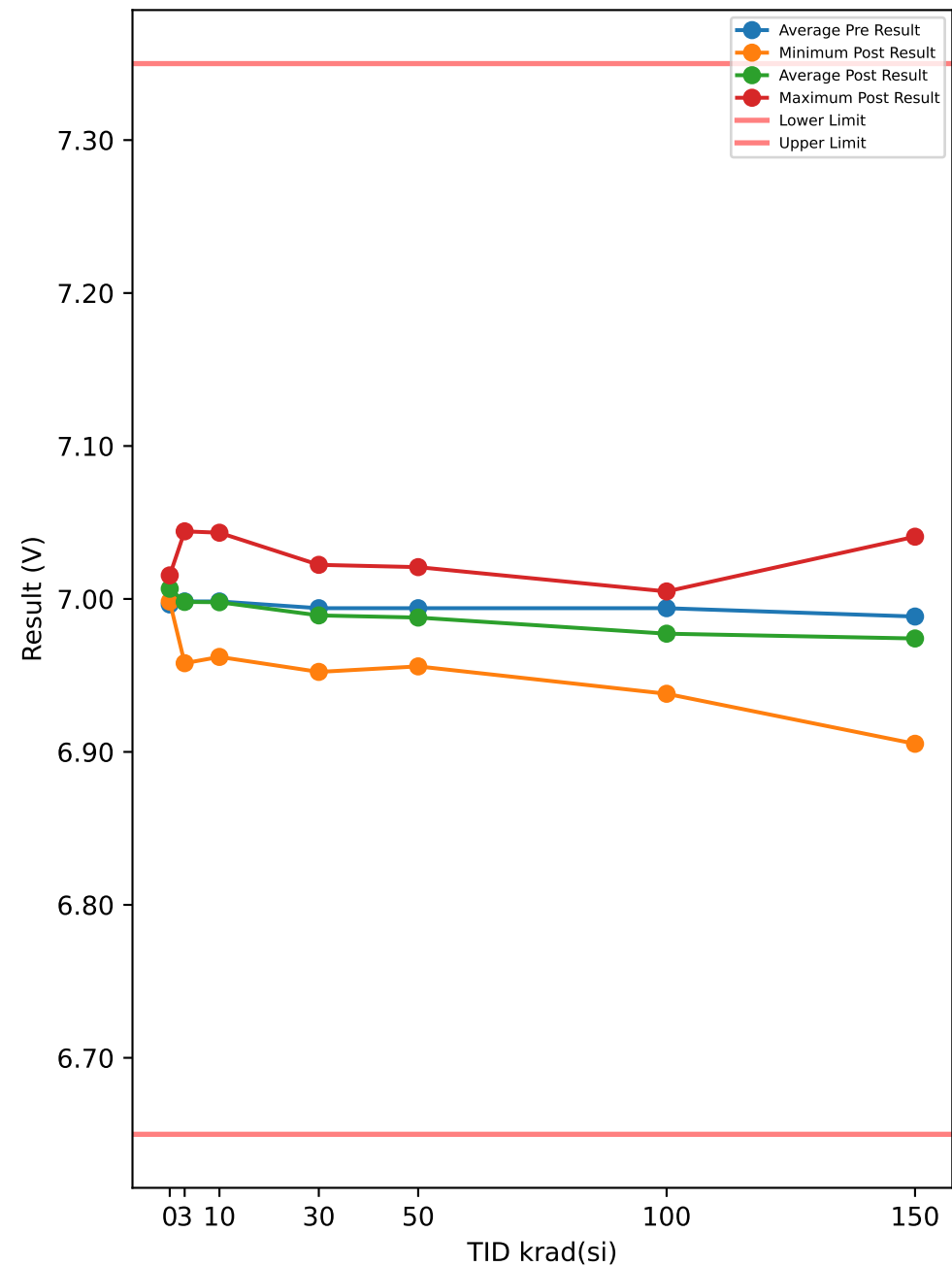
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9975	4.9916	-0.0059
2	0	CORRELATION	4.9977	4.9855	-0.0122
259	3	LDR Biased	5.0131	5.0141	0.001
426	3	LDR Biased	4.9968	4.9983	0.0015
427	3	LDR Biased	4.9893	4.9906	0.0013
428	3	LDR Biased	4.9831	4.9842	0.0011
429	3	LDR Unbiased	4.9858	4.9872	0.0014
430	3	LDR Unbiased	5.0058	5.0084	0.0026
431	3	LDR Unbiased	5.0036	5.0058	0.0022
432	3	LDR Unbiased	4.9919	4.9938	0.0019
433	3	LDR Unbiased	4.9897	4.9914	0.0017
1259	10	LDR Biased	5.0131	5.0161	0.003
1426	10	LDR Biased	4.9968	4.9966	-0.0002
1427	10	LDR Biased	4.9893	4.9904	0.0011
1428	10	LDR Biased	4.9831	4.9832	0.0001
1429	10	LDR Unbiased	4.9858	4.9841	-0.0017
1430	10	LDR Unbiased	5.0058	5.0076	0.0018
1431	10	LDR Unbiased	5.0036	5.0012	-0.0024
1432	10	LDR Unbiased	4.9919	4.9959	0.004
1433	10	LDR Unbiased	4.9897	4.9907	0.001
2434	30	LDR Biased	4.9963	4.9998	0.0035
2435	30	LDR Biased	5.0106	5.0099	-0.0007
2436	30	LDR Biased	4.9864	4.9892	0.0028
2437	30	LDR Biased	5.0187	5.0161	-0.0026
2438	30	LDR Biased	4.9842	4.9834	-0.0008
2439	30	LDR Unbiased	4.992	4.9911	-0.0009
2440	30	LDR Unbiased	5.0102	5.0118	0.0016
2441	30	LDR Unbiased	4.9975	4.9937	-0.0038
2443	30	LDR Unbiased	4.9977	4.9964	-0.0013
2444	30	LDR Unbiased	5.0186	5.0201	0.0015
3434	50	LDR Biased	4.9963	4.9977	0.0014
3435	50	LDR Biased	5.0106	5.0081	-0.0025
3436	50	LDR Biased	4.9864	4.9881	0.0017
3437	50	LDR Biased	5.0187	5.0147	-0.004
3438	50	LDR Biased	4.9842	4.9833	-0.0009
3439	50	LDR Unbiased	4.992	4.9911	-0.0009
3440	50	LDR Unbiased	5.0102	5.0087	-0.0015
3441	50	LDR Unbiased	4.9975	4.9934	-0.0041
3443	50	LDR Unbiased	4.9977	4.9971	-0.0006
3444	50	LDR Unbiased	5.0186	5.0193	0.0007
4434	100	LDR Biased	4.9963	4.9968	0.0005
4435	100	LDR Biased	5.0106	5.0078	-0.0028
4436	100	LDR Biased	4.9864	4.9832	-0.0032
4437	100	LDR Biased	5.0187	5.0132	-0.0055
4438	100	LDR Biased	4.9842	4.9804	-0.0038
4439	100	LDR Unbiased	4.992	4.9807	-0.0113
4440	100	LDR Unbiased	5.0102	4.9973	-0.0129
4441	100	LDR Unbiased	4.9975	4.9975	0
4443	100	LDR Unbiased	4.9977	4.9968	-0.0009
4444	100	LDR Unbiased	5.0186	5.0178	-0.0008
4500	150	LDR Biased	5.0009	4.983	-0.0179
4501	150	LDR Biased	4.9996	4.996	-0.0036
4502	150	LDR Biased	5.0165	5.0126	-0.0039
4503	150	LDR Biased	5.0012	5.0013	0.0001
4504	150	LDR Biased	5.0131	4.9926	-0.0205
4505	150	LDR Unbiased	5.0217	4.9974	-0.0243
4506	150	LDR Unbiased	5.0147	4.9894	-0.0253
4507	150	LDR Unbiased	5.021	5.0209	-0.0001
4508	150	LDR Unbiased	5.0192	5.0273	0.0081
4509	150	LDR Unbiased	4.9909	4.9971	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	4.9975	4.9976	4.9977	0.00014142	4.9855	4.9886	4.9916	0.0043134	-0.0122	-0.00905	-0.0059	0.0044548
3	4.9831	4.9955	5.0131	0.0101	4.9842	4.9971	5.0141	0.010271	0.001	0.0016333	0.0026	0.0005244
10	4.9831	4.9955	5.0131	0.0101	4.9832	4.9962	5.0161	0.010785	-0.0024	0.00074444	0.004	0.0020665
30	4.9842	5.0012	5.0187	0.012565	4.9834	5.0011	5.0201	0.012523	-0.0038	-7e-05	0.0035	0.0023495
50	4.9842	5.0012	5.0187	0.012565	4.9833	5.0001	5.0193	0.011957	-0.0041	-0.00107	0.0017	0.0020325
100	4.9842	5.0012	5.0187	0.012565	4.9804	4.9971	5.0178	0.013096	-0.0129	-0.00407	0.0005	0.0046299
150	4.9909	5.0099	5.0217	0.010799	4.983	5.0018	5.0273	0.014138	-0.0253	-0.00812	0.0081	0.012667

Device Test: 60.21 V_BP7L IIM 5MHz VIN_10V

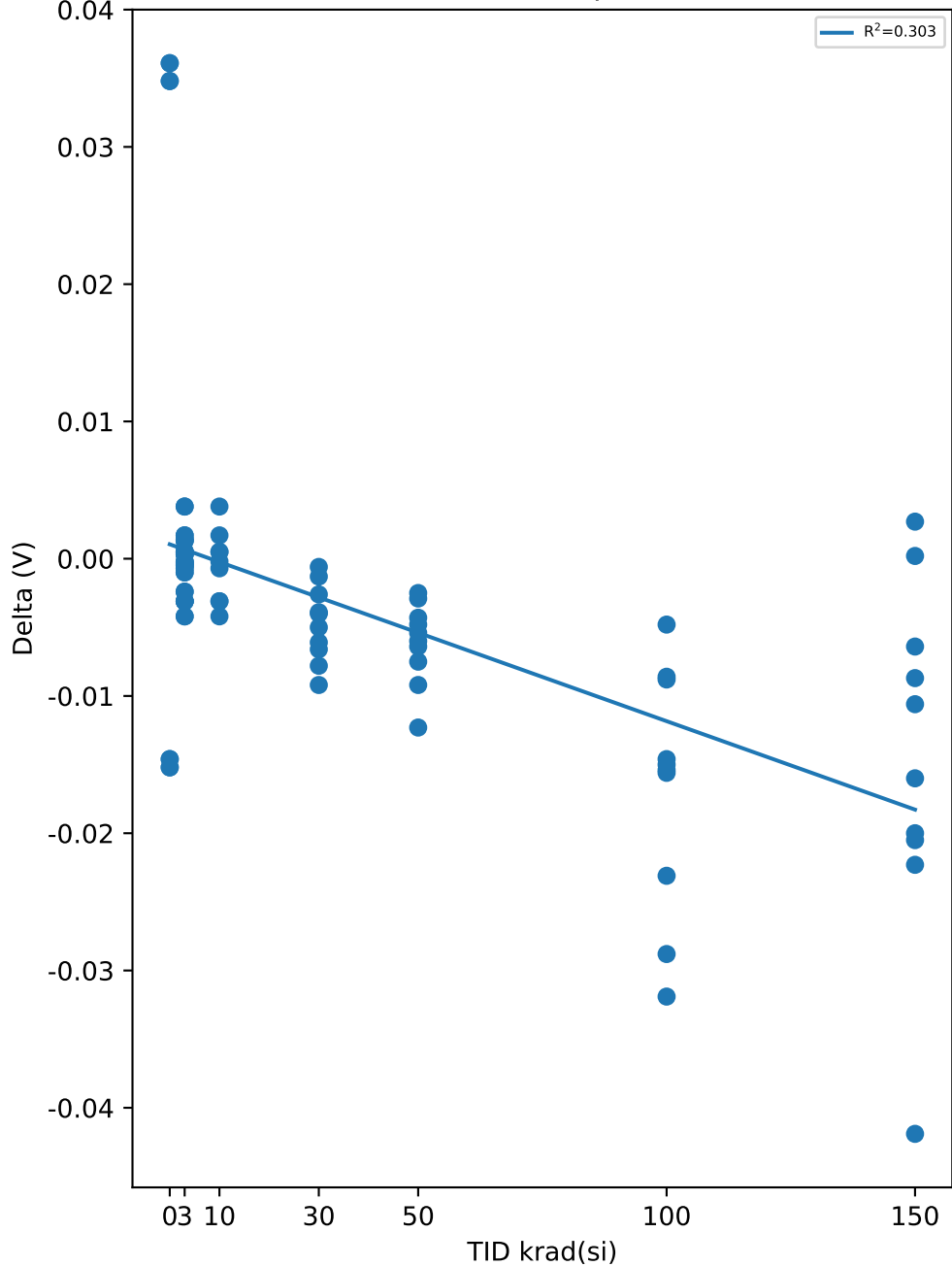
TID vs Result Stats



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0135	6.9983	-0.0152
2	0	CORRELATION	6.9793	7.0141	0.0348
259	3	LDR Biased	7.0428	7.0442	0.0014
426	3	LDR Biased	6.9827	6.983	0.0003
427	3	LDR Biased	7.0257	7.0252	-0.0005
428	3	LDR Biased	7.0064	7.0061	-0.0003
429	3	LDR Unbiased	7	6.9996	-0.0004
430	3	LDR Unbiased	6.9757	6.9761	0.0004
431	3	LDR Unbiased	6.9604	6.958	-0.0024
432	3	LDR Unbiased	7.0049	7.0039	-0.001
433	3	LDR Unbiased	6.9868	6.9881	0.0013
1259	10	LDR Biased	7.0428	7.0433	0.0005
1426	10	LDR Biased	6.9827	6.9832	0.0005
1427	10	LDR Biased	7.0257	7.0226	-0.0031
1428	10	LDR Biased	7.0064	7.0062	-0.0002
1429	10	LDR Unbiased	7	6.9993	-0.0007
1430	10	LDR Unbiased	6.9757	6.9726	-0.0031
1431	10	LDR Unbiased	6.9604	6.9621	0.0017
1432	10	LDR Unbiased	7.0049	7.0007	-0.0042
1433	10	LDR Unbiased	6.9868	6.9906	0.0038
2434	30	LDR Biased	6.9734	6.9721	-0.0013
2435	30	LDR Biased	7.0039	6.9961	-0.0078
2436	30	LDR Biased	7.0262	7.0223	-0.0039
2437	30	LDR Biased	7.0118	7.0112	-0.0006
2438	30	LDR Biased	7.0212	7.012	-0.0092
2439	30	LDR Unbiased	6.9584	6.9523	-0.0061
2440	30	LDR Unbiased	6.9611	6.9585	-0.0026
2441	30	LDR Unbiased	7.0135	7.0069	-0.0066
2443	30	LDR Unbiased	6.9793	6.9753	-0.004
2444	30	LDR Unbiased	6.9907	6.9857	-0.005
3434	50	LDR Biased	6.9734	6.967	-0.0064
3435	50	LDR Biased	7.0039	6.9947	-0.0092
3436	50	LDR Biased	7.0262	7.0208	-0.0054
3437	50	LDR Biased	7.0118	7.0089	-0.0029
3438	50	LDR Biased	7.0212	7.0089	-0.0123
3439	50	LDR Unbiased	6.9584	6.9559	-0.0025
3440	50	LDR Unbiased	6.9611	6.9563	-0.0048
3441	50	LDR Unbiased	7.0135	7.0075	-0.006
3443	50	LDR Unbiased	6.9793	6.975	-0.0043
3444	50	LDR Unbiased	6.9907	6.9832	-0.0075
4434	100	LDR Biased	6.9734	6.958	-0.0154
4435	100	LDR Biased	7.0039	6.9883	-0.0156
4436	100	LDR Biased	7.0262	6.9974	-0.0288
4437	100	LDR Biased	7.0118	6.9972	-0.0146
4438	100	LDR Biased	7.0212	6.9893	-0.0319
4439	100	LDR Unbiased	6.9584	6.9496	-0.0088
4440	100	LDR Unbiased	6.9611	6.938	-0.0231
4441	100	LDR Unbiased	7.0135	7.0049	-0.0086
4443	100	LDR Unbiased	6.9793	6.9745	-0.0048
4444	100	LDR Unbiased	6.9907	6.9757	-0.015
4500	150	LDR Biased	6.9992	6.9769	-0.0223
4501	150	LDR Biased	6.979	6.9703	-0.0087
4502	150	LDR Biased	6.9519	6.9359	-0.016
4503	150	LDR Biased	7.0102	7.0129	0.0027
4504	150	LDR Biased	6.9253	6.9053	-0.02
4505	150	LDR Unbiased	6.9662	6.9664	0.0002
4506	150	LDR Unbiased	6.9964	6.9759	-0.0205
4507	150	LDR Unbiased	7.0513	7.0407	-0.0106
4508	150	LDR Unbiased	6.9872	6.9453	-0.0419
4509	150	LDR Unbiased	7.0183	7.0119	-0.0064

TID vs Post - Pre Exposure Delta

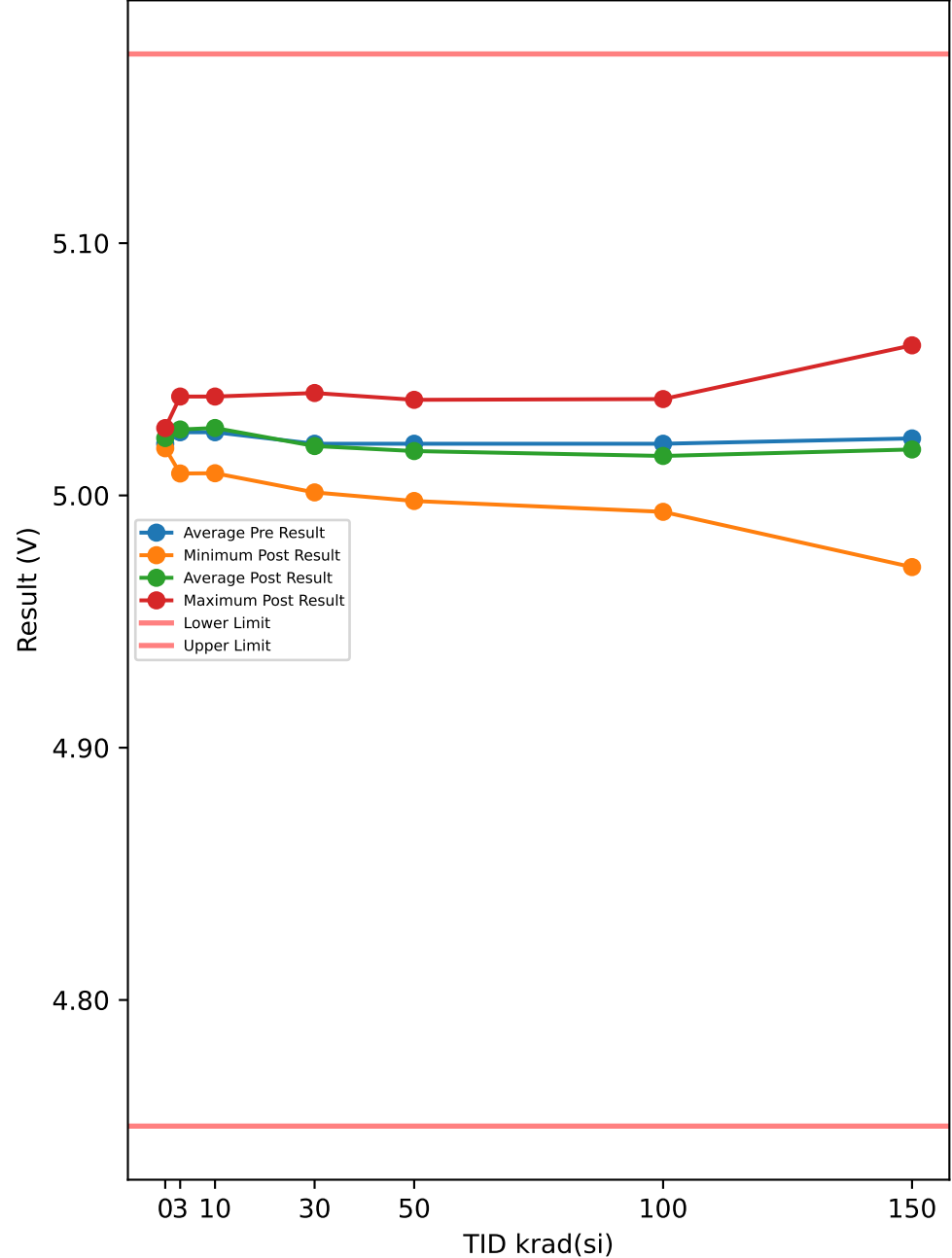


Test Statistics (V)

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	6.9793	6.9964	7.0135	0.024183	6.9983	7.0062	7.0141	0.011172	-0.0152	0.0098	0.0348	0.035355
3	6.9604	6.9984	7.0428	0.025411	6.958	6.9982	7.0442	0.025931	-0.0024	-0.00013333	0.0014	0.0011726
10	6.9604	6.9984	7.0428	0.025411	6.9621	6.9978	7.0433	0.024852	-0.0042	-0.00053333	0.0038	0.0025656
30	6.9584	6.9939	7.0262	0.024884	6.9523	6.9892	7.0223	0.024181	-0.0092	-0.00471	-0.0006	0.0027775
50	6.9584	6.9939	7.0262	0.024884	6.9559	6.9878	7.0208	0.02367	-0.0123	-0.00613	-0.0025	0.0029575
100	6.9584	6.9939	7.0262	0.024884	6.938	6.9773	7.0049	0.022414	-0.0319	-0.01666	-0.0048	0.008808
150	6.9253	6.9885	7.0513	0.035594	6.9053	6.9741	7.0407	0.040106	-0.0419	-0.01435	0.0027	0.012937

Device Test: 60.22 V_BP5L IIM 5MHz VIN_10V

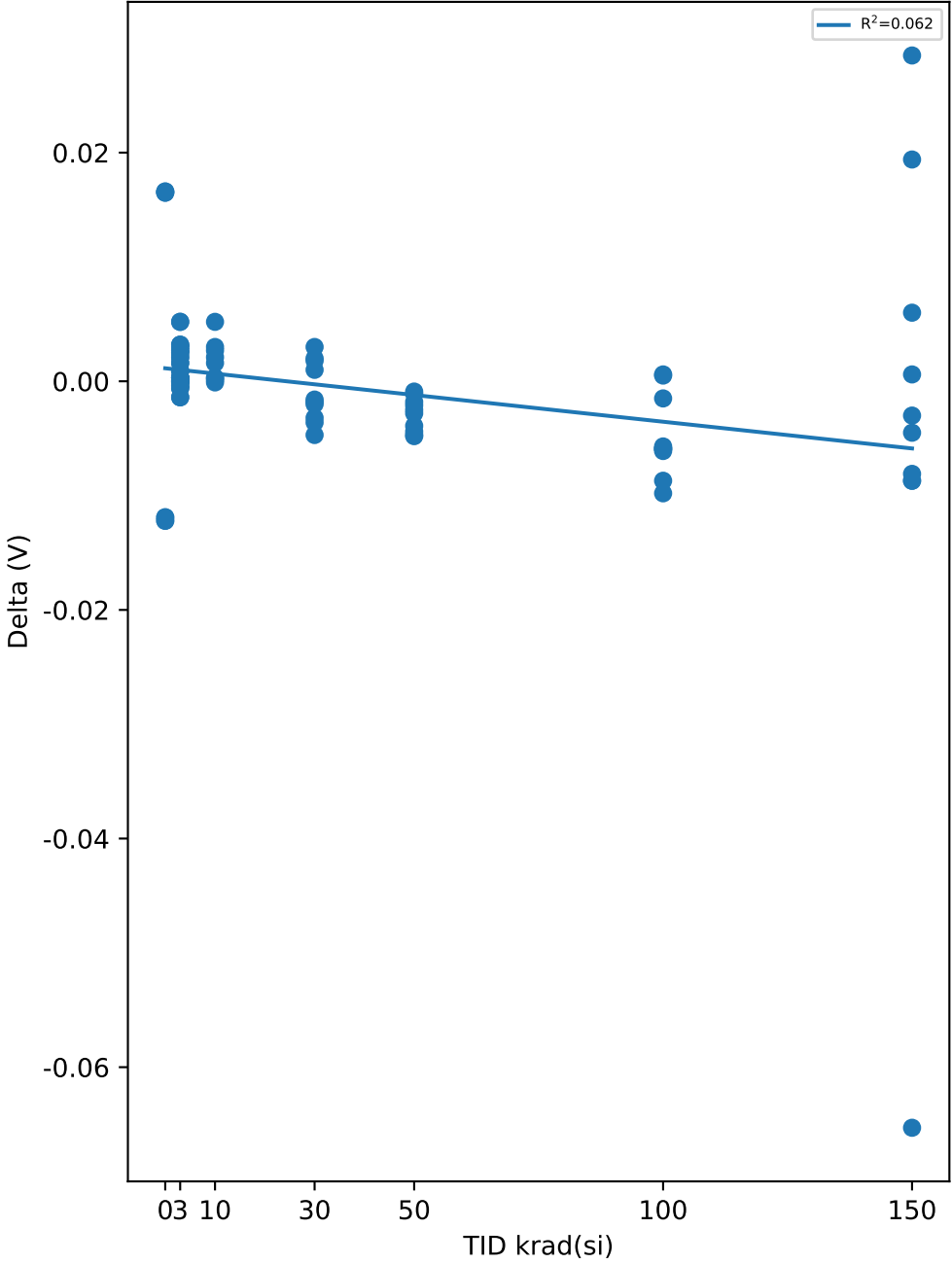
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0101	5.0267	0.0166
2	0	CORRELATION	5.0309	5.0187	-0.0122
259	3	LDR Biased	5.0201	5.0226	0.0025
426	3	LDR Biased	5.0314	5.031	-0.0004
427	3	LDR Biased	5.0261	5.0293	0.0032
428	3	LDR Biased	5.0389	5.0375	-0.0014
429	3	LDR Unbiased	5.0163	5.0172	0.0009
430	3	LDR Unbiased	5.0087	5.0087	0
431	3	LDR Unbiased	5.0202	5.0205	0.0003
432	3	LDR Unbiased	5.0342	5.0342	0
433	3	LDR Unbiased	5.0295	5.0289	-0.0006
1259	10	LDR Biased	5.0201	5.0231	0.003
1426	10	LDR Biased	5.0314	5.0317	0.0003
1427	10	LDR Biased	5.0261	5.0313	0.0052
1428	10	LDR Biased	5.0389	5.0392	0.0003
1429	10	LDR Unbiased	5.0163	5.0184	0.0021
1430	10	LDR Unbiased	5.0087	5.0088	0.0001
1431	10	LDR Unbiased	5.0202	5.0229	0.0027
1432	10	LDR Unbiased	5.0342	5.0341	-0.0001
1433	10	LDR Unbiased	5.0295	5.0311	0.0016
2434	30	LDR Biased	5.0376	5.0406	0.003
2435	30	LDR Biased	5.0189	5.0199	0.001
2436	30	LDR Biased	5.0038	5.0058	0.002
2437	30	LDR Biased	4.9996	5.0014	0.0018
2438	30	LDR Biased	5.0262	5.0242	-0.002
2439	30	LDR Unbiased	5.0427	5.038	-0.0047
2440	30	LDR Unbiased	5.003	5.0012	-0.0018
2441	30	LDR Unbiased	5.0101	5.0069	-0.0032
2443	30	LDR Unbiased	5.0309	5.0273	-0.0036
2444	30	LDR Unbiased	5.0321	5.0305	-0.0016
3434	50	LDR Biased	5.0376	5.0367	-0.0009
3435	50	LDR Biased	5.0189	5.0161	-0.0028
3436	50	LDR Biased	5.0038	4.9991	-0.0047
3437	50	LDR Biased	4.9996	4.9978	-0.0018
3438	50	LDR Biased	5.0262	5.0251	-0.0011
3439	50	LDR Unbiased	5.0427	5.0379	-0.0048
3440	50	LDR Unbiased	5.003	5.0005	-0.0025
3441	50	LDR Unbiased	5.0101	5.0062	-0.0039
3443	50	LDR Unbiased	5.0309	5.0288	-0.0021
3444	50	LDR Unbiased	5.0321	5.0277	-0.0044
4434	100	LDR Biased	5.0376	5.0382	0.0006
4435	100	LDR Biased	5.0189	5.013	-0.0059
4436	100	LDR Biased	5.0038	4.9979	-0.0059
4437	100	LDR Biased	4.9996	4.9935	-0.0061
4438	100	LDR Biased	5.0262	5.0267	0.0005
4439	100	LDR Unbiased	5.0427	5.0329	-0.0098
4440	100	LDR Unbiased	5.003	4.9943	-0.0087
4441	100	LDR Unbiased	5.0101	5.0044	-0.0057
4443	100	LDR Unbiased	5.0309	5.0294	-0.0015
4444	100	LDR Unbiased	5.0321	5.0262	-0.0059
4500	150	LDR Biased	5.028	5.0193	-0.0087
4501	150	LDR Biased	5.016	5.0079	-0.0081
4502	150	LDR Biased	5.0362	5.0275	-0.0087
4503	150	LDR Biased	5.0025	4.9995	-0.003
4504	150	LDR Biased	5.0375	5.0569	0.0194
4505	150	LDR Unbiased	5.0155	5.011	-0.0045
4506	150	LDR Unbiased	5.0369	4.9716	-0.0653
4507	150	LDR Unbiased	5.0115	5.0121	0.0006
4508	150	LDR Unbiased	5.0109	5.0169	0.006
4509	150	LDR Unbiased	5.031	5.0595	0.0285

TID vs Post - Pre Exposure Delta

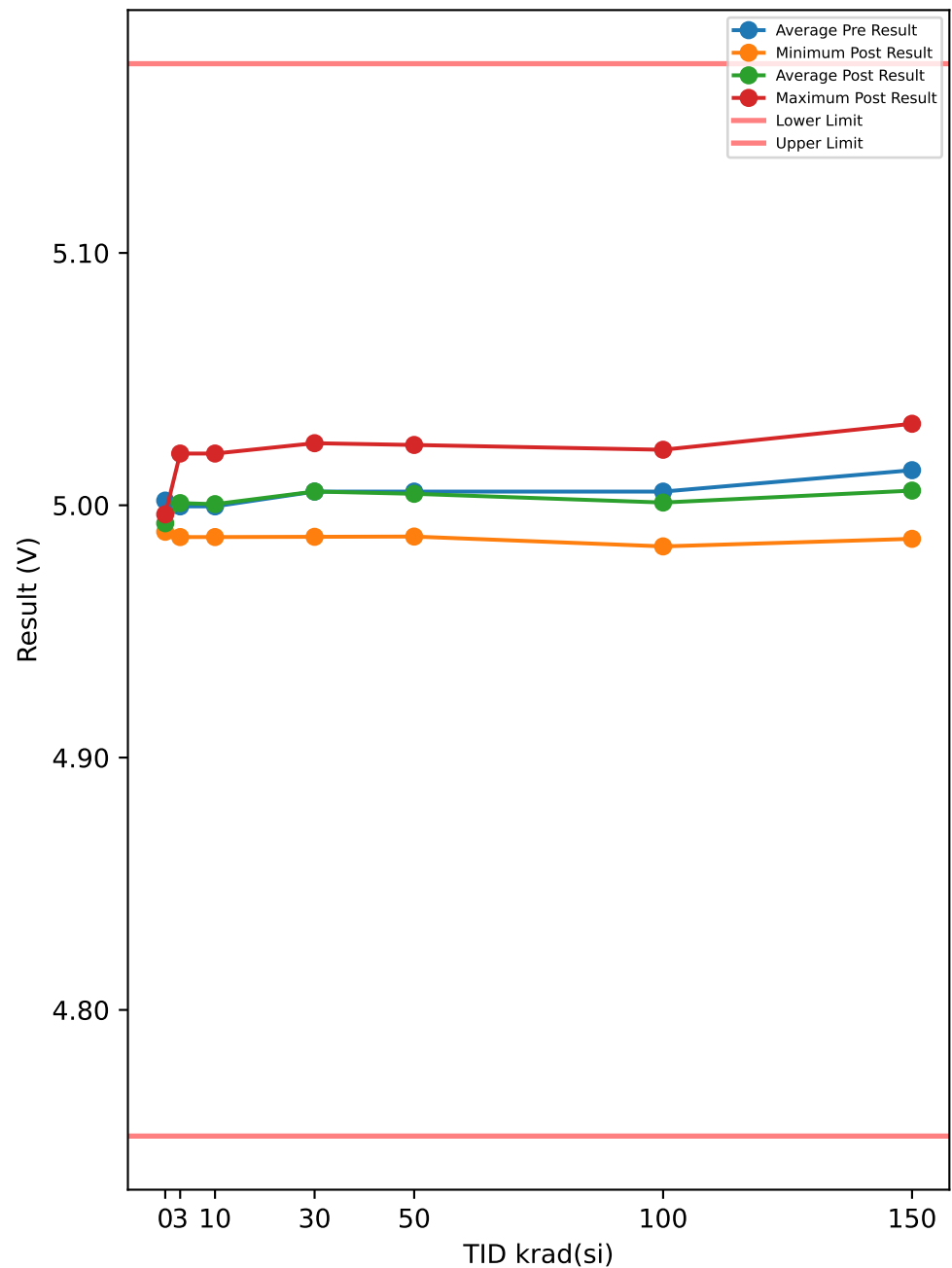


Test Statistics (V)

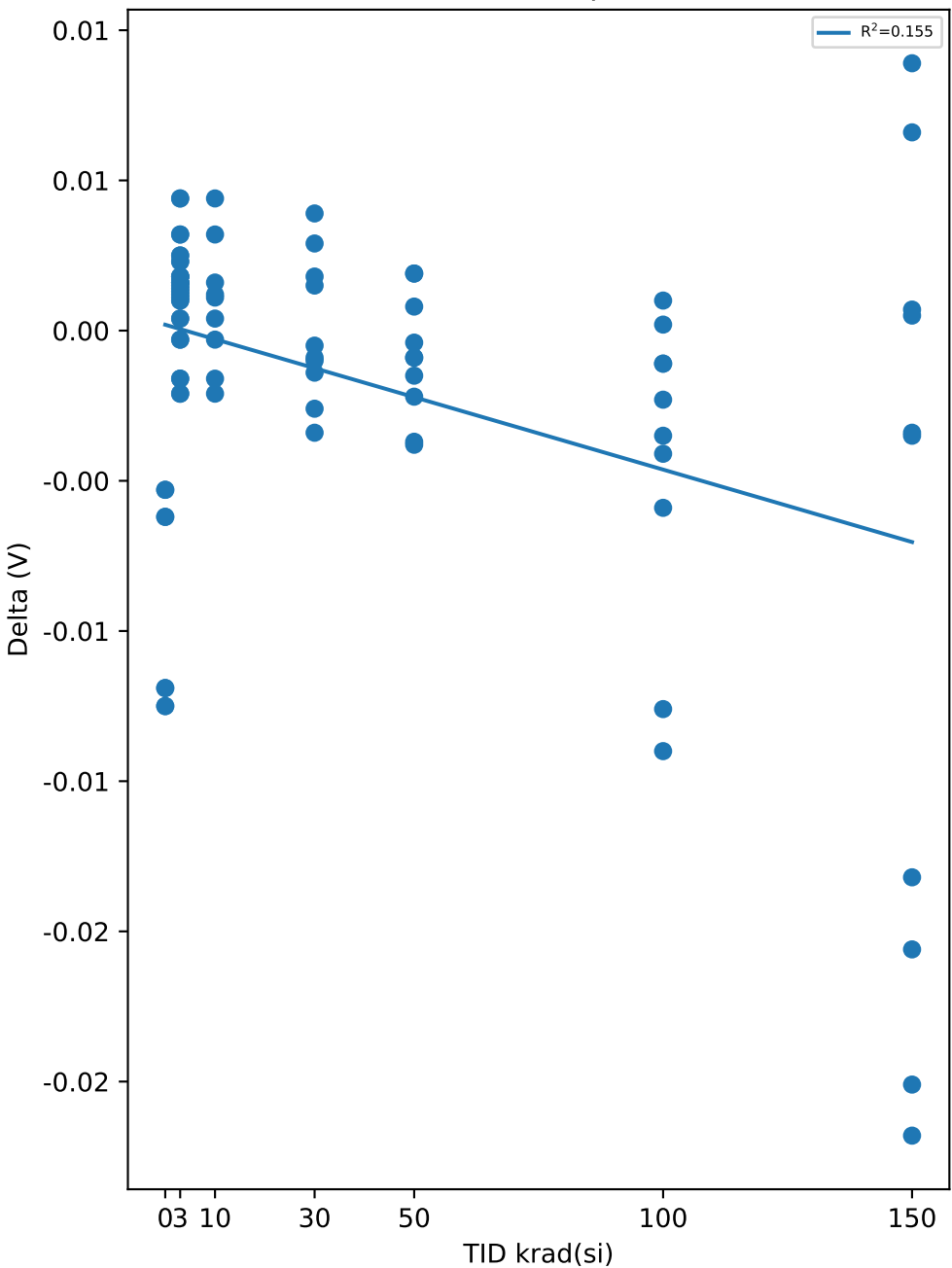
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.0101	5.0205	5.0309	0.014708	5.0187	5.0227	5.0267	0.0056569	-0.0122	0.0022	0.0166	0.020365
3	5.0087	5.025	5.0389	0.0095439	5.0087	5.0255	5.0375	0.0090861	-0.0014	0.0005	0.0032	0.0014841
10	5.0087	5.025	5.0389	0.0095439	5.0088	5.0267	5.0392	0.0093087	-0.0001	0.0016889	0.0052	0.0017617
30	4.9996	5.0205	5.0427	0.01561	5.0012	5.0196	5.0406	0.014909	-0.0047	-0.00091	0.003	0.0026677
50	4.9996	5.0205	5.0427	0.01561	4.9978	5.0176	5.0379	0.015704	-0.0048	-0.0029	-0.0009	0.0014667
100	4.9996	5.0205	5.0427	0.01561	4.9935	5.0156	5.0382	0.017074	-0.0098	-0.00484	0.0006	0.0035663
150	5.0025	5.0226	5.0375	0.012777	4.9716	5.0182	5.0595	0.02584	-0.0653	-0.00438	0.0285	0.024818

Device Test: 60.23 V_BP5H IIM 5MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

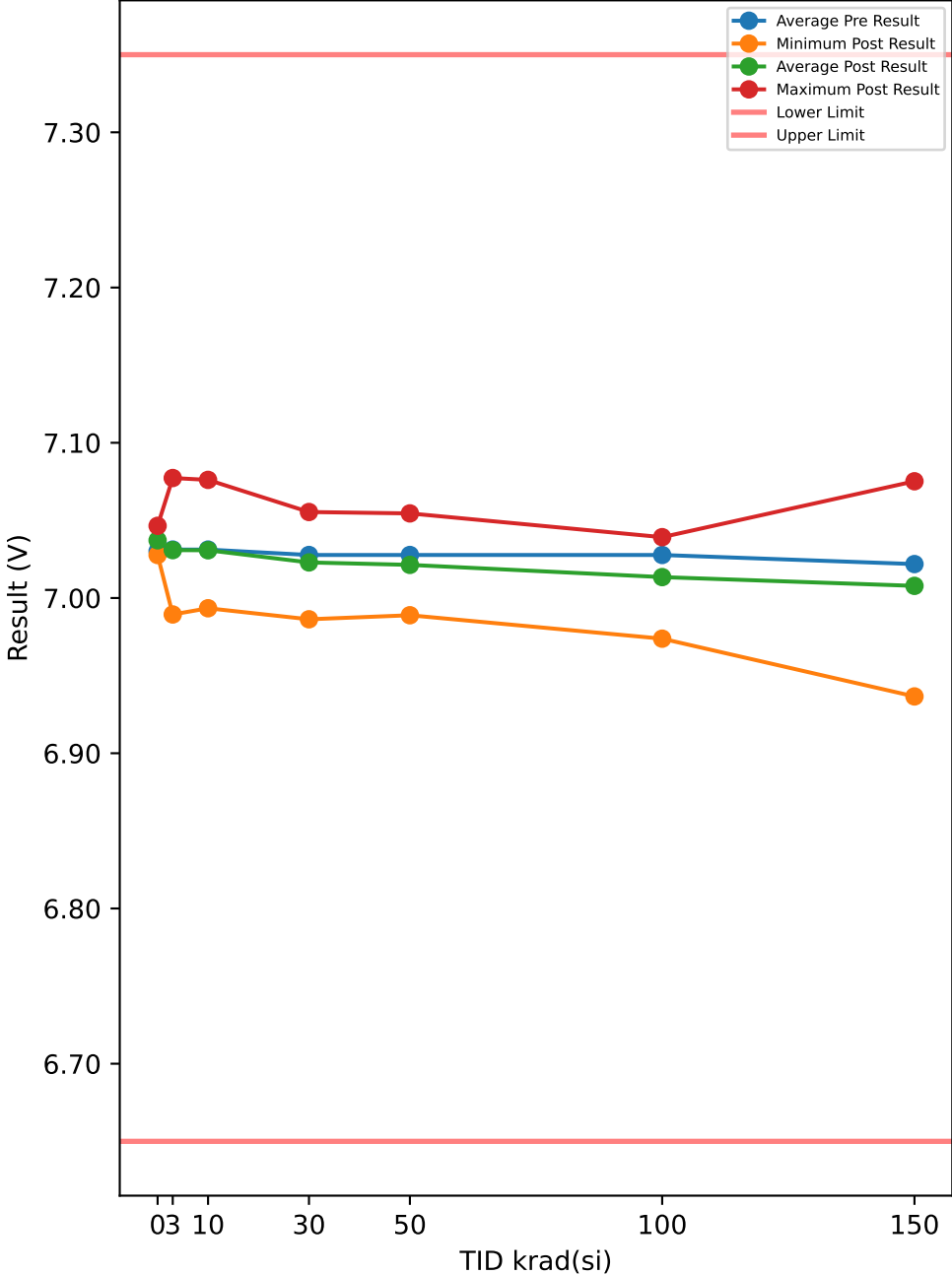
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0017	4.9955	-0.0062
2	0	CORRELATION	5.002	4.9895	-0.0125
259	3	LDR Biased	5.0173	5.0183	0.001
426	3	LDR Biased	5.001	5.0026	0.0016
427	3	LDR Biased	4.9936	4.995	0.0014
428	3	LDR Biased	4.987	4.9883	0.0013
429	3	LDR Unbiased	4.9895	4.991	0.0015
430	3	LDR Unbiased	5.0101	5.0124	0.0023
431	3	LDR Unbiased	5.0079	5.0104	0.0025
432	3	LDR Unbiased	4.9959	4.9977	0.0018
433	3	LDR Unbiased	4.9938	4.9956	0.0018
1259	10	LDR Biased	5.0173	5.0205	0.0032
1426	10	LDR Biased	5.001	5.0007	-0.0003
1427	10	LDR Biased	4.9936	4.9948	0.0012
1428	10	LDR Biased	4.987	4.9874	0.0004
1429	10	LDR Unbiased	4.9895	4.9879	-0.0016
1430	10	LDR Unbiased	5.0101	5.0117	0.0016
1431	10	LDR Unbiased	5.0079	5.0058	-0.0021
1432	10	LDR Unbiased	4.9959	5.0003	0.0044
1433	10	LDR Unbiased	4.9938	4.9949	0.0011
2434	30	LDR Biased	5.0002	5.0041	0.0039
2435	30	LDR Biased	5.0149	5.0144	-0.0005
2436	30	LDR Biased	4.9905	4.9934	0.0029
2437	30	LDR Biased	5.0227	5.0201	-0.0026
2438	30	LDR Biased	4.9885	4.9875	-0.001
2439	30	LDR Unbiased	4.9963	4.9954	-0.0009
2440	30	LDR Unbiased	5.0143	5.0161	0.0018
2441	30	LDR Unbiased	5.0017	4.9983	-0.0034
2443	30	LDR Unbiased	5.002	5.0006	-0.0014
2444	30	LDR Unbiased	5.0231	5.0246	0.0015
3434	50	LDR Biased	5.0002	5.0021	0.0019
3435	50	LDR Biased	5.0149	5.0127	-0.0022
3436	50	LDR Biased	4.9905	4.9924	0.0019
3437	50	LDR Biased	5.0227	5.0189	-0.0038
3438	50	LDR Biased	4.9885	4.9876	-0.0009
3439	50	LDR Unbiased	4.9963	4.9954	-0.0009
3440	50	LDR Unbiased	5.0143	5.0128	-0.0015
3441	50	LDR Unbiased	5.0017	4.998	-0.0037
3443	50	LDR Unbiased	5.002	5.0016	-0.0004
3444	50	LDR Unbiased	5.0231	5.0239	0.0008
4434	100	LDR Biased	5.0002	5.0012	0.001
4435	100	LDR Biased	5.0149	5.0126	-0.0023
4436	100	LDR Biased	4.9905	4.987	-0.0035
4437	100	LDR Biased	5.0227	5.0168	-0.0059
4438	100	LDR Biased	4.9885	4.9844	-0.0041
4439	100	LDR Unbiased	4.9963	4.9837	-0.0126
4440	100	LDR Unbiased	5.0143	5.0003	-0.014
4441	100	LDR Unbiased	5.0017	5.0019	0.0002
4443	100	LDR Unbiased	5.002	5.0009	-0.0011
4444	100	LDR Unbiased	5.0231	5.022	-0.0011
4500	150	LDR Biased	5.0049	4.9867	-0.0182
4501	150	LDR Biased	5.0036	5.0002	-0.0034
4502	150	LDR Biased	5.0208	5.0173	-0.0035
4503	150	LDR Biased	5.0053	5.006	0.0007
4504	150	LDR Biased	5.017	4.9964	-0.0206
4505	150	LDR Unbiased	5.0252	5.0001	-0.0251
4506	150	LDR Unbiased	5.0184	4.9916	-0.0268
4507	150	LDR Unbiased	5.0252	5.0257	0.0005
4508	150	LDR Unbiased	5.0234	5.0323	0.0089
4509	150	LDR Unbiased	4.9952	5.0018	0.0066

Test Statistics (V)

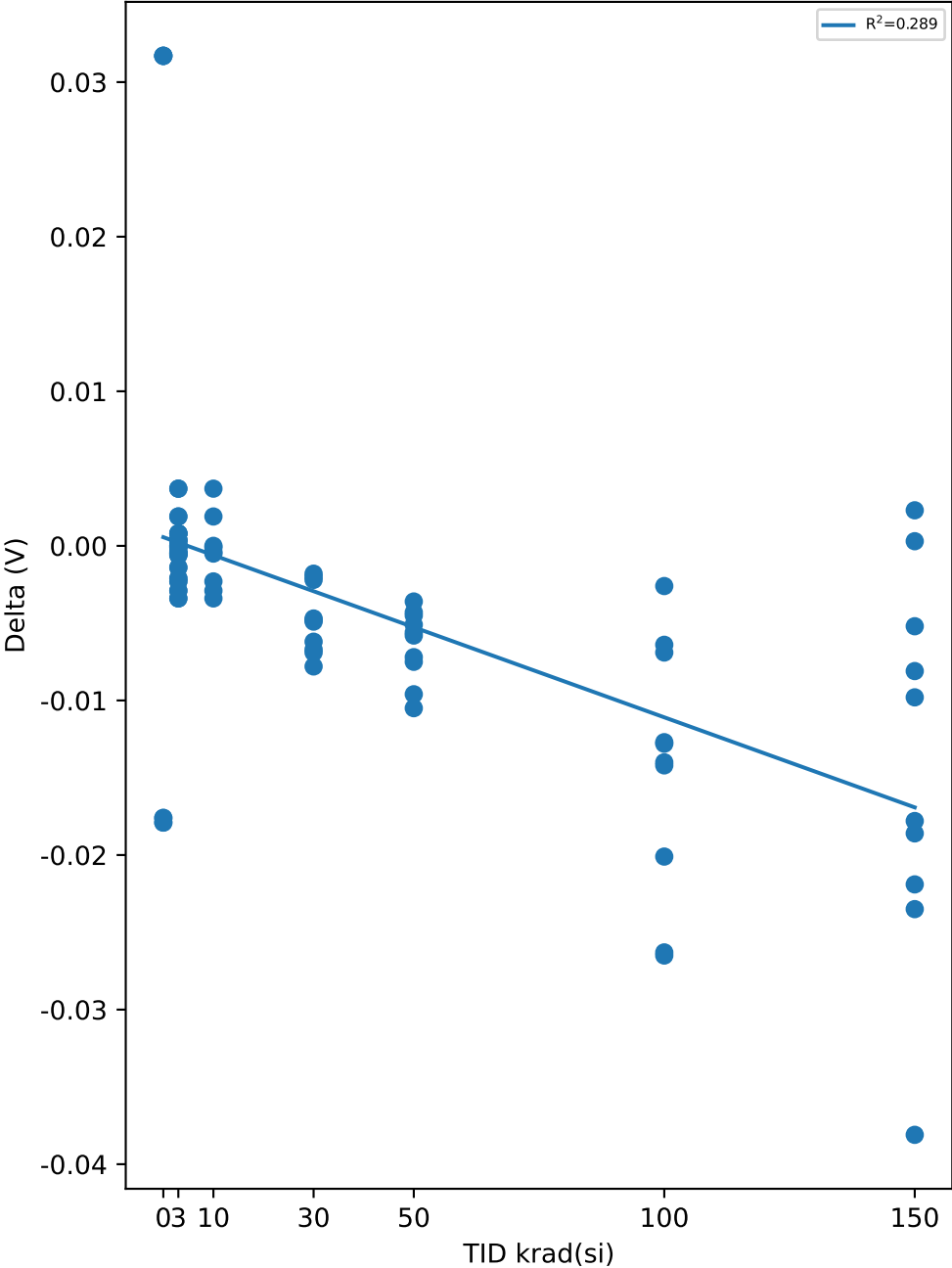
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.0017	5.0018	5.002	0.00021213	4.9895	4.9925	4.9955	0.0042426	-0.0125	-0.00935	-0.0062	0.0044548
3	4.987	4.9996	5.0173	0.010238	4.9883	5.0013	5.0183	0.01035	0.001	0.0016889	0.0025	0.00047551
10	4.987	4.9996	5.0173	0.010238	4.9874	5.0004	5.0205	0.010885	-0.0021	0.00087778	0.0044	0.0020945
30	4.9885	5.0054	5.0231	0.012582	4.9875	5.0055	5.0246	0.01256	-0.0034	3e-05	0.0039	0.0023907
50	4.9885	5.0054	5.0231	0.012582	4.9876	5.0045	5.0239	0.011977	-0.0038	-0.00088	0.0019	0.0020308
100	4.9885	5.0054	5.0231	0.012582	4.9837	5.0011	5.022	0.013322	-0.014	-0.00434	0.001	0.0051535
150	4.9952	5.0139	5.0252	0.010718	4.9867	5.0058	5.0323	0.014777	-0.0268	-0.00809	0.0089	0.01332

Device Test: 60.3 V_BP7L PWM 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

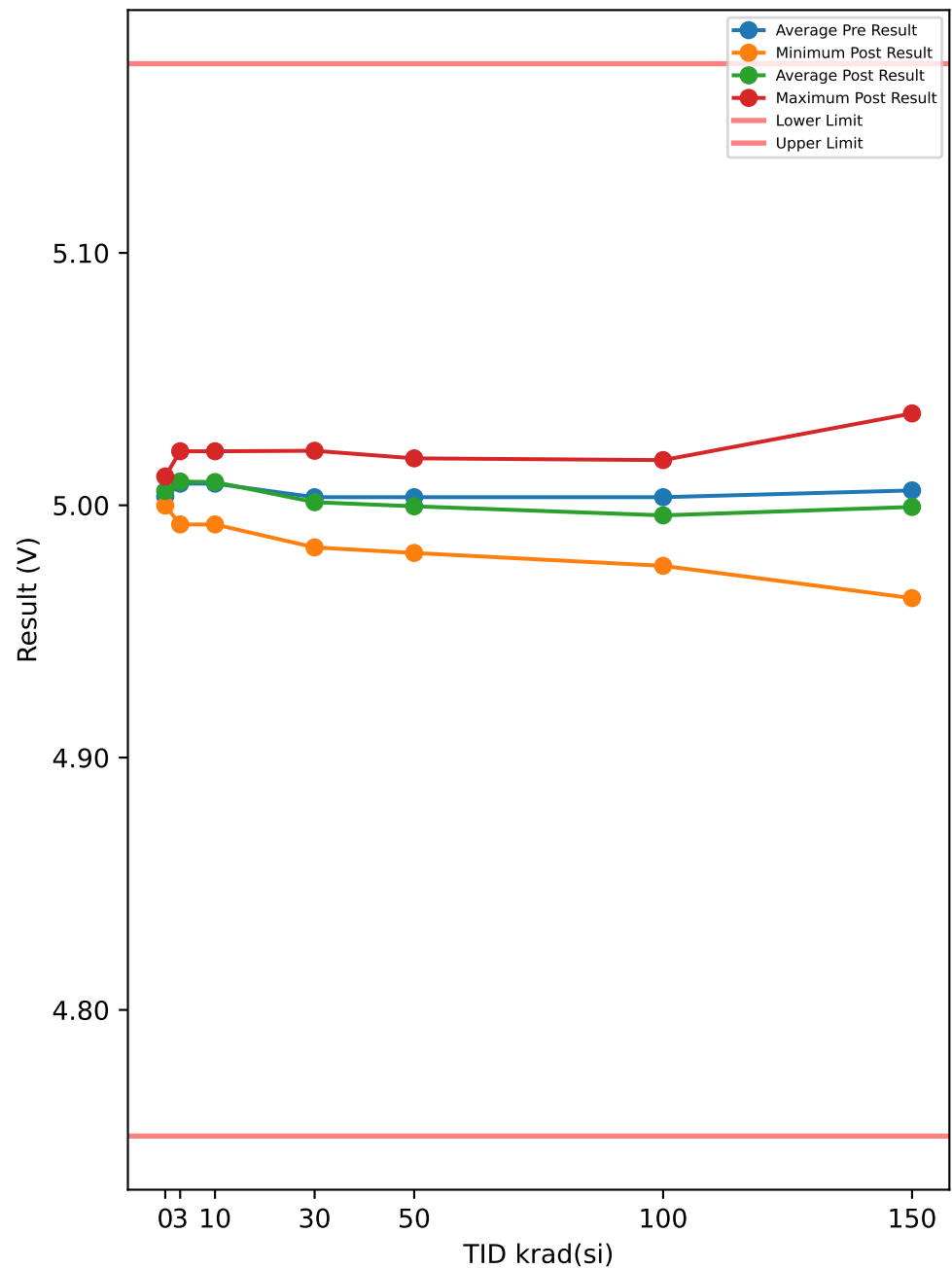
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0456	7.028	-0.0176
2	0	CORRELATION	7.0148	7.0465	0.0317
259	3	LDR Biased	7.0765	7.0773	0.0008
426	3	LDR Biased	7.0153	7.0157	0.0004
427	3	LDR Biased	7.0584	7.0587	0.0003
428	3	LDR Biased	7.0401	7.0395	-0.0006
429	3	LDR Unbiased	7.0344	7.0339	-0.0005
430	3	LDR Unbiased	7.0071	7.0071	0
431	3	LDR Unbiased	6.9915	6.9894	-0.0021
432	3	LDR Unbiased	7.0372	7.0358	-0.0014
433	3	LDR Unbiased	7.0203	7.0211	0.0008
1259	10	LDR Biased	7.0765	7.0761	-0.0004
1426	10	LDR Biased	7.0153	7.0152	-0.0001
1427	10	LDR Biased	7.0584	7.0561	-0.0023
1428	10	LDR Biased	7.0401	7.0401	0
1429	10	LDR Unbiased	7.0344	7.0339	-0.0005
1430	10	LDR Unbiased	7.0071	7.0042	-0.0029
1431	10	LDR Unbiased	6.9915	6.9934	0.0019
1432	10	LDR Unbiased	7.0372	7.0338	-0.0034
1433	10	LDR Unbiased	7.0203	7.024	0.0037
2434	30	LDR Biased	7.0064	7.0042	-0.0022
2435	30	LDR Biased	7.0388	7.031	-0.0078
2436	30	LDR Biased	7.0601	7.0554	-0.0047
2437	30	LDR Biased	7.0472	7.0454	-0.0018
2438	30	LDR Biased	7.0548	7.0481	-0.0067
2439	30	LDR Unbiased	6.9925	6.9863	-0.0062
2440	30	LDR Unbiased	6.9939	6.9919	-0.002
2441	30	LDR Unbiased	7.0456	7.0387	-0.0069
2443	30	LDR Unbiased	7.0148	7.01	-0.0048
2444	30	LDR Unbiased	7.0231	7.0182	-0.0049
3434	50	LDR Biased	7.0064	6.9989	-0.0075
3435	50	LDR Biased	7.0388	7.0292	-0.0096
3436	50	LDR Biased	7.0601	7.0545	-0.0056
3437	50	LDR Biased	7.0472	7.0429	-0.0043
3438	50	LDR Biased	7.0548	7.0443	-0.0105
3439	50	LDR Unbiased	6.9925	6.9889	-0.0036
3440	50	LDR Unbiased	6.9939	6.9894	-0.0045
3441	50	LDR Unbiased	7.0456	7.0398	-0.0058
3443	50	LDR Unbiased	7.0148	7.0097	-0.0051
3444	50	LDR Unbiased	7.0231	7.0159	-0.0072
4434	100	LDR Biased	7.0064	6.9937	-0.0127
4435	100	LDR Biased	7.0388	7.0248	-0.014
4436	100	LDR Biased	7.0601	7.0338	-0.0263
4437	100	LDR Biased	7.0472	7.033	-0.0142
4438	100	LDR Biased	7.0548	7.0283	-0.0265
4439	100	LDR Unbiased	6.9925	6.9856	-0.0069
4440	100	LDR Unbiased	6.9939	6.9738	-0.0201
4441	100	LDR Unbiased	7.0456	7.0392	-0.0064
4443	100	LDR Unbiased	7.0148	7.0122	-0.0026
4444	100	LDR Unbiased	7.0231	7.0103	-0.0128
4500	150	LDR Biased	7.0327	7.0092	-0.0235
4501	150	LDR Biased	7.012	7.0039	-0.0081
4502	150	LDR Biased	6.9857	6.9671	-0.0186
4503	150	LDR Biased	7.0448	7.0471	0.0023
4504	150	LDR Biased	6.9585	6.9366	-0.0219
4505	150	LDR Unbiased	6.9997	7	0.0003
4506	150	LDR Unbiased	7.029	7.0112	-0.0178
4507	150	LDR Unbiased	7.085	7.0752	-0.0098
4508	150	LDR Unbiased	7.0197	6.9816	-0.0381
4509	150	LDR Unbiased	7.0515	7.0463	-0.0052

Test Statistics (V)

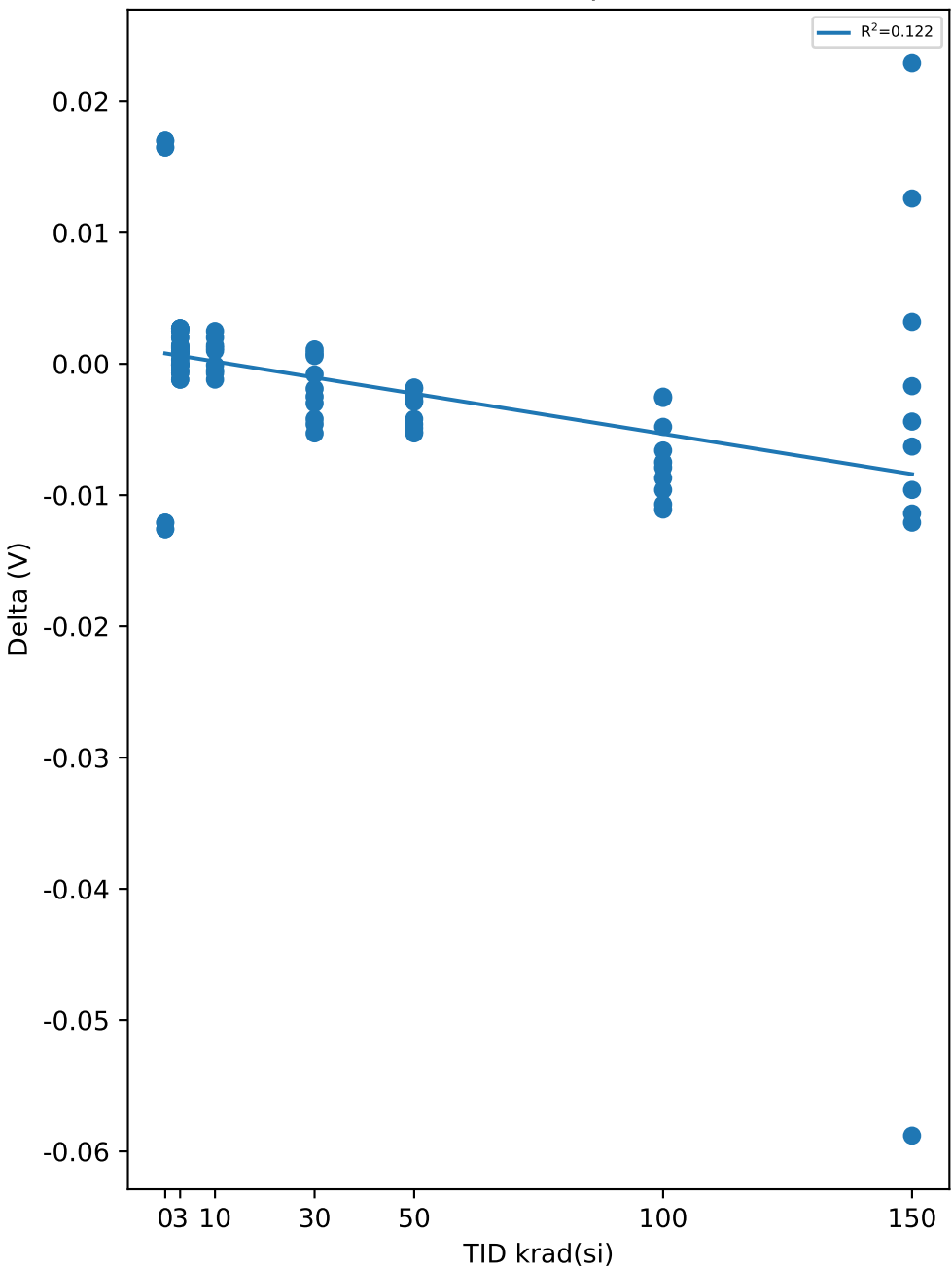
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0148	7.0302	7.0456	0.021779	7.028	7.0373	7.0465	0.013081	-0.0176	0.00705	0.0317	0.03486
3	6.9915	7.0312	7.0765	0.026091	6.9894	7.0309	7.0773	0.026572	-0.0021	-0.00025556	0.0008	0.00099513
10	6.9915	7.0312	7.0765	0.026091	6.9934	7.0308	7.0761	0.025478	-0.0034	-0.00044444	0.0037	0.0022694
30	6.9925	7.0277	7.0601	0.025013	6.9863	7.0229	7.0554	0.024385	-0.0078	-0.0048	-0.0018	0.0021756
50	6.9925	7.0277	7.0601	0.025013	6.9889	7.0213	7.0545	0.024118	-0.0105	-0.00637	-0.0036	0.0022959
100	6.9925	7.0277	7.0601	0.025013	6.9738	7.0135	7.0392	0.022504	-0.0265	-0.01425	-0.0026	0.0080652
150	6.9585	7.0219	7.085	0.035707	6.9366	7.0078	7.0752	0.040922	-0.0381	-0.01404	0.0023	0.012334

Device Test: 60.4 V_BP5L PWM 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

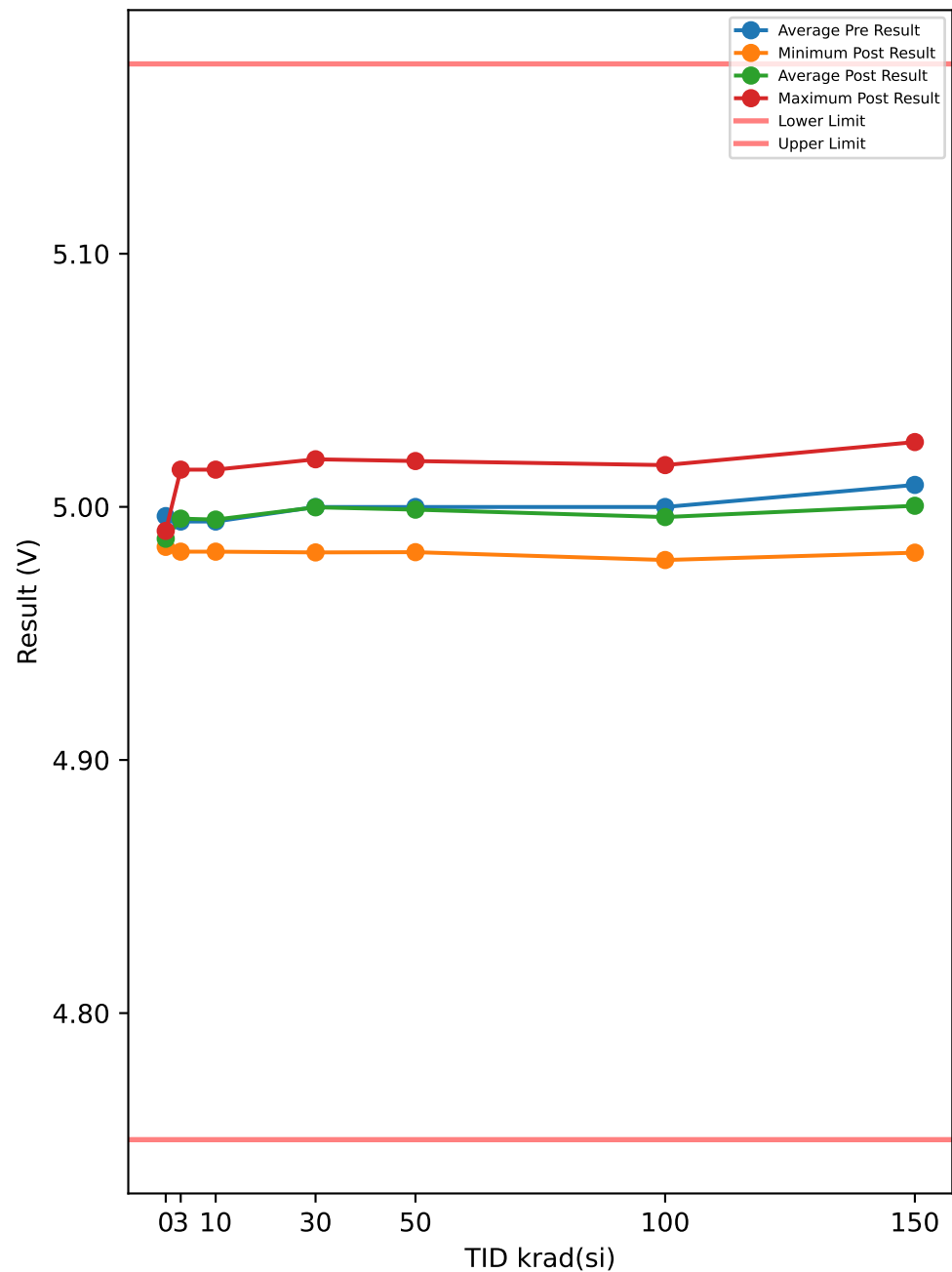
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9944	5.0109	0.0165
2	0	CORRELATION	5.0125	4.9999	-0.0126
259	3	LDR Biased	5.0045	5.0072	0.0027
426	3	LDR Biased	5.0133	5.0133	0
427	3	LDR Biased	5.0105	5.0132	0.0027
428	3	LDR Biased	5.0215	5.0214	-0.0001
429	3	LDR Unbiased	5	5.0013	0.0013
430	3	LDR Unbiased	4.9929	4.9937	0.0008
431	3	LDR Unbiased	5.0041	5.005	0.0009
432	3	LDR Unbiased	5.0168	5.0176	0.0008
433	3	LDR Unbiased	5.0136	5.0139	0.0003
1259	10	LDR Biased	5.0045	5.0065	0.002
1426	10	LDR Biased	5.0133	5.0121	-0.0012
1427	10	LDR Biased	5.0105	5.013	0.0025
1428	10	LDR Biased	5.0215	5.0214	-0.0001
1429	10	LDR Unbiased	5	5.0012	0.0012
1430	10	LDR Unbiased	4.9929	4.9924	-0.0005
1431	10	LDR Unbiased	5.0041	5.0055	0.0014
1432	10	LDR Unbiased	5.0168	5.0161	-0.0007
1433	10	LDR Unbiased	5.0136	5.0146	0.001
2434	30	LDR Biased	5.0205	5.0216	0.0011
2435	30	LDR Biased	5.003	5.0022	-0.0008
2436	30	LDR Biased	4.9864	4.9872	0.0008
2437	30	LDR Biased	4.9839	4.9845	0.0006
2438	30	LDR Biased	5.0079	5.0054	-0.0025
2439	30	LDR Unbiased	5.0227	5.0174	-0.0053
2440	30	LDR Unbiased	4.9863	4.9833	-0.003
2441	30	LDR Unbiased	4.9944	4.9902	-0.0042
2443	30	LDR Unbiased	5.0125	5.0079	-0.0046
2444	30	LDR Unbiased	5.0144	5.0125	-0.0019
3434	50	LDR Biased	5.0205	5.0186	-0.0019
3435	50	LDR Biased	5.003	4.9984	-0.0046
3436	50	LDR Biased	4.9864	4.9811	-0.0053
3437	50	LDR Biased	4.9839	4.9814	-0.0025
3438	50	LDR Biased	5.0079	5.0061	-0.0018
3439	50	LDR Unbiased	5.0227	5.0175	-0.0052
3440	50	LDR Unbiased	4.9863	4.9834	-0.0029
3441	50	LDR Unbiased	4.9944	4.9895	-0.0049
3443	50	LDR Unbiased	5.0125	5.0097	-0.0028
3444	50	LDR Unbiased	5.0144	5.0102	-0.0042
4434	100	LDR Biased	5.0205	5.0179	-0.0026
4435	100	LDR Biased	5.003	4.9923	-0.0107
4436	100	LDR Biased	4.9864	4.9777	-0.0087
4437	100	LDR Biased	4.9839	4.976	-0.0079
4438	100	LDR Biased	5.0079	5.0054	-0.0025
4439	100	LDR Unbiased	5.0227	5.0116	-0.0111
4440	100	LDR Unbiased	4.9863	4.9767	-0.0096
4441	100	LDR Unbiased	4.9944	4.9869	-0.0075
4443	100	LDR Unbiased	5.0125	5.0077	-0.0048
4444	100	LDR Unbiased	5.0144	5.0078	-0.0066
4500	150	LDR Biased	5.0107	4.9986	-0.0121
4501	150	LDR Biased	4.9995	4.9899	-0.0096
4502	150	LDR Biased	5.0186	5.0072	-0.0114
4503	150	LDR Biased	4.9871	4.9827	-0.0044
4504	150	LDR Biased	5.02	5.0326	0.0126
4505	150	LDR Unbiased	4.9985	4.9922	-0.0063
4506	150	LDR Unbiased	5.022	4.9632	-0.0588
4507	150	LDR Unbiased	4.9942	4.9925	-0.0017
4508	150	LDR Unbiased	4.9948	4.998	0.0032
4509	150	LDR Unbiased	5.0135	5.0364	0.0229

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	4.9944	5.0034	5.0125	0.012799	4.9999	5.0054	5.0109	0.0077782	-0.0126	0.00195	0.0165	0.020577
3	4.9929	5.0086	5.0215	0.0089572	4.9937	5.0096	5.0214	0.0086385	-0.0001	0.0010444	0.0027	0.0010394
10	4.9929	5.0086	5.0215	0.0089572	4.9924	5.0092	5.0214	0.0087727	-0.0012	0.00062222	0.0025	0.0012921
30	4.9839	5.0032	5.0227	0.014649	4.9833	5.0012	5.0216	0.014087	-0.0053	-0.00198	0.0011	0.0023427
50	4.9839	5.0032	5.0227	0.014649	4.9811	4.9996	5.0186	0.014823	-0.0053	-0.00361	-0.0018	0.0013731
100	4.9839	5.0032	5.0227	0.014649	4.976	4.996	5.0179	0.015956	-0.0111	-0.0072	-0.0025	0.0030808
150	4.9871	5.0059	5.022	0.012514	4.9632	4.9993	5.0364	0.021893	-0.0588	-0.00656	0.0229	0.021476

Device Test: 60.5 V_BP5H PWM 1MHz VIN_10V

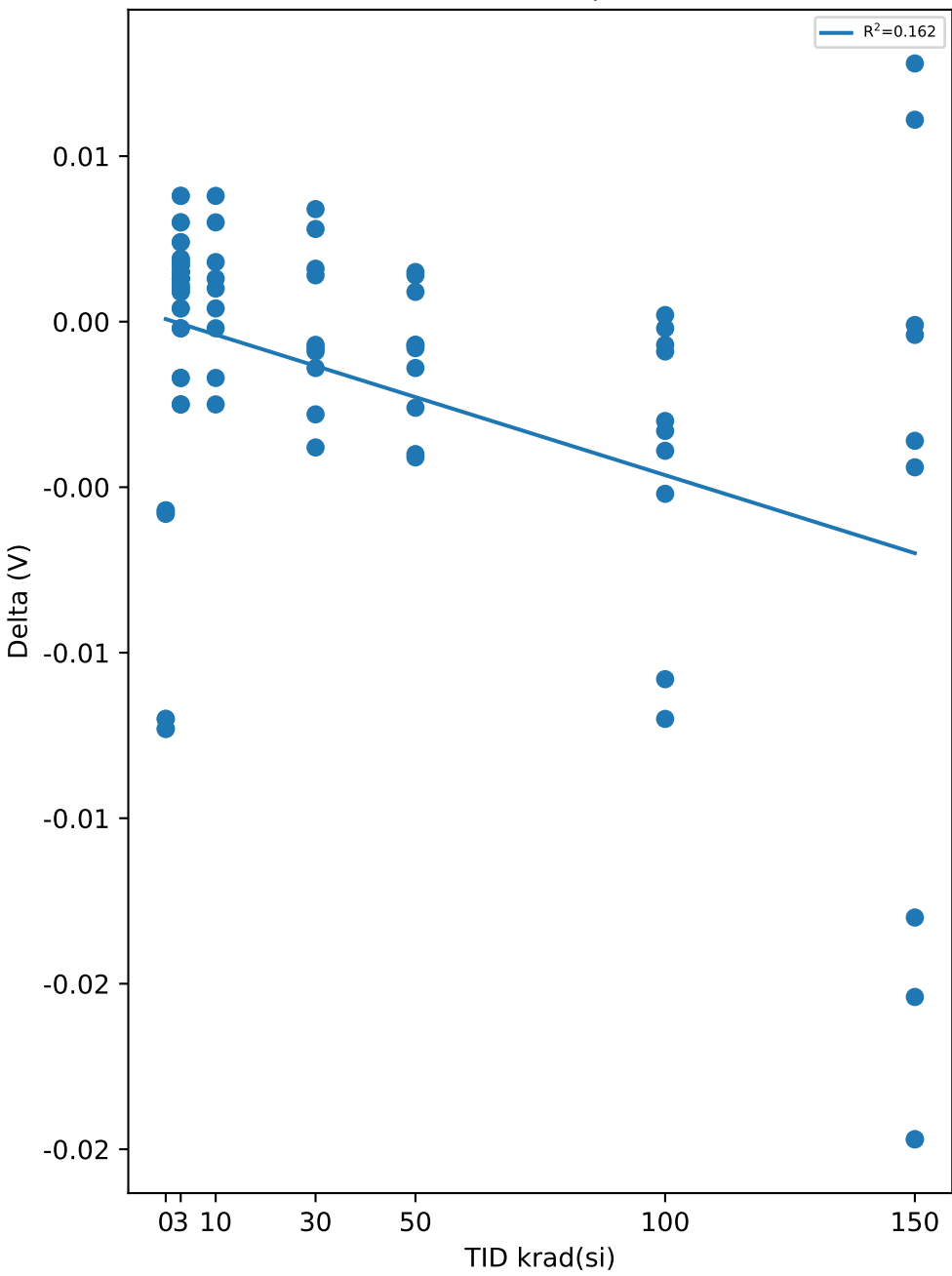
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9962	4.9904	-0.0058
2	0	CORRELATION	4.9965	4.9842	-0.0123
259	3	LDR Biased	5.0117	5.0126	0.0009
426	3	LDR Biased	4.9956	4.9971	0.0015
427	3	LDR Biased	4.9878	4.9891	0.0013
428	3	LDR Biased	4.9819	4.983	0.0011
429	3	LDR Unbiased	4.9847	4.986	0.0013
430	3	LDR Unbiased	5.0046	5.007	0.0024
431	3	LDR Unbiased	5.0023	5.0042	0.0019
432	3	LDR Unbiased	4.9908	4.9925	0.0017
433	3	LDR Unbiased	4.9885	4.99	0.0015
1259	10	LDR Biased	5.0117	5.0147	0.003
1426	10	LDR Biased	4.9956	4.9954	-0.0002
1427	10	LDR Biased	4.9878	4.9891	0.0013
1428	10	LDR Biased	4.9819	4.9823	0.0004
1429	10	LDR Unbiased	4.9847	4.983	-0.0017
1430	10	LDR Unbiased	5.0046	5.0064	0.0018
1431	10	LDR Unbiased	5.0023	4.9998	-0.0025
1432	10	LDR Unbiased	4.9908	4.9946	0.0038
1433	10	LDR Unbiased	4.9885	4.9895	0.001
2434	30	LDR Biased	4.9952	4.9986	0.0034
2435	30	LDR Biased	5.0092	5.0085	-0.0007
2436	30	LDR Biased	4.9854	4.9882	0.0028
2437	30	LDR Biased	5.0174	5.0146	-0.0028
2438	30	LDR Biased	4.9829	4.982	-0.0009
2439	30	LDR Unbiased	4.9906	4.9898	-0.0008
2440	30	LDR Unbiased	5.0089	5.0103	0.0014
2441	30	LDR Unbiased	4.9962	4.9924	-0.0038
2443	30	LDR Unbiased	4.9965	4.9951	-0.0014
2444	30	LDR Unbiased	5.0172	5.0188	0.0016
3434	50	LDR Biased	4.9952	4.9966	0.0014
3435	50	LDR Biased	5.0092	5.0066	-0.0026
3436	50	LDR Biased	4.9854	4.9869	0.0015
3437	50	LDR Biased	5.0174	5.0134	-0.004
3438	50	LDR Biased	4.9829	4.9821	-0.0008
3439	50	LDR Unbiased	4.9906	4.9899	-0.0007
3440	50	LDR Unbiased	5.0089	5.0075	-0.0014
3441	50	LDR Unbiased	4.9962	4.9921	-0.0041
3443	50	LDR Unbiased	4.9965	4.9958	-0.0007
3444	50	LDR Unbiased	5.0172	5.0181	0.0009
4434	100	LDR Biased	4.9952	4.9954	0.0002
4435	100	LDR Biased	5.0092	5.0062	-0.003
4436	100	LDR Biased	4.9854	4.9821	-0.0033
4437	100	LDR Biased	5.0174	5.0122	-0.0052
4438	100	LDR Biased	4.9829	4.979	-0.0039
4439	100	LDR Unbiased	4.9906	4.9798	-0.0108
4440	100	LDR Unbiased	5.0089	4.9969	-0.012
4441	100	LDR Unbiased	4.9962	4.996	-0.0002
4443	100	LDR Unbiased	4.9965	4.9956	-0.0009
4444	100	LDR Unbiased	5.0172	5.0165	-0.0007
4500	150	LDR Biased	4.9999	4.9819	-0.018
4501	150	LDR Biased	4.9983	4.9947	-0.0036
4502	150	LDR Biased	5.0152	5.0108	-0.0044
4503	150	LDR Biased	5.0001	5	-0.0001
4504	150	LDR Biased	5.0119	4.9915	-0.0204
4505	150	LDR Unbiased	5.0209	4.9962	-0.0247
4506	150	LDR Unbiased	5.0135	4.9888	-0.0247
4507	150	LDR Unbiased	5.0196	5.0192	-0.0004
4508	150	LDR Unbiased	5.0178	5.0256	0.0078
4509	150	LDR Unbiased	4.9895	4.9956	0.0061

TID vs Post - Pre Exposure Delta

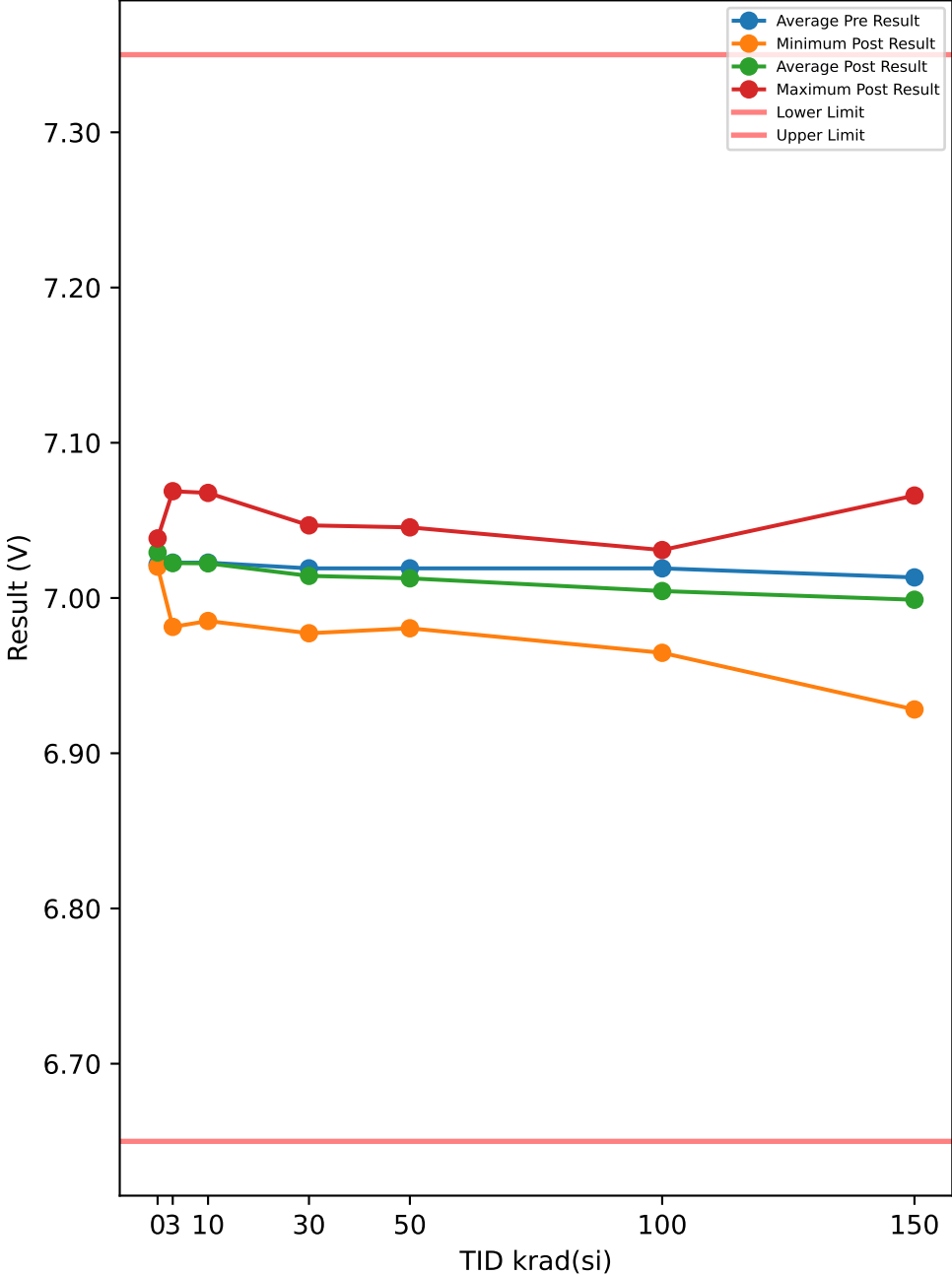


Test Statistics (V)

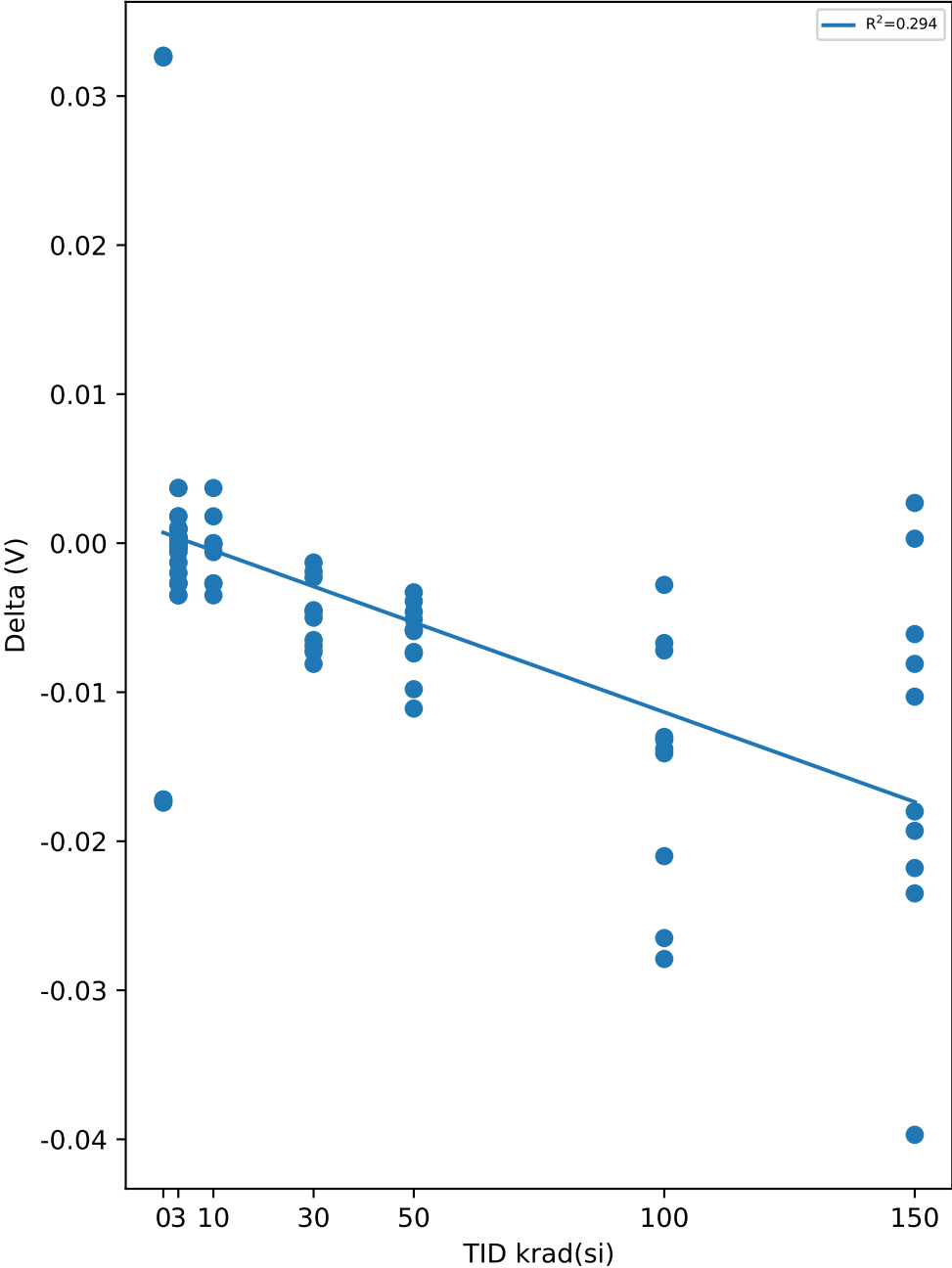
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9962	4.9963	4.9965	0.00021213	4.9842	4.9873	4.9904	0.0043841	-0.0123	-0.00905	-0.0058	0.0045962
3	4.9819	4.9942	5.0117	0.010053	4.983	4.9957	5.0126	0.010181	0.0009	0.0015111	0.0024	0.00044845
10	4.9819	4.9942	5.0117	0.010053	4.9823	4.995	5.0147	0.010676	-0.0025	0.00076667	0.0038	0.0020439
30	4.9829	5	5.0174	0.012499	4.982	4.9998	5.0188	0.012453	-0.0038	-0.00012	0.0034	0.002356
50	4.9829	5	5.0174	0.012499	4.9821	4.9989	5.0181	0.011928	-0.0041	-0.00105	0.0015	0.0020316
100	4.9829	5	5.0174	0.012499	4.979	4.996	5.0165	0.01305	-0.012	-0.00398	0.0002	0.0042915
150	4.9895	5.0087	5.0209	0.010823	4.9819	5.0004	5.0256	0.013848	-0.0247	-0.00824	0.0078	0.012525

Device Test: 60.6 V_BP7L PWM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

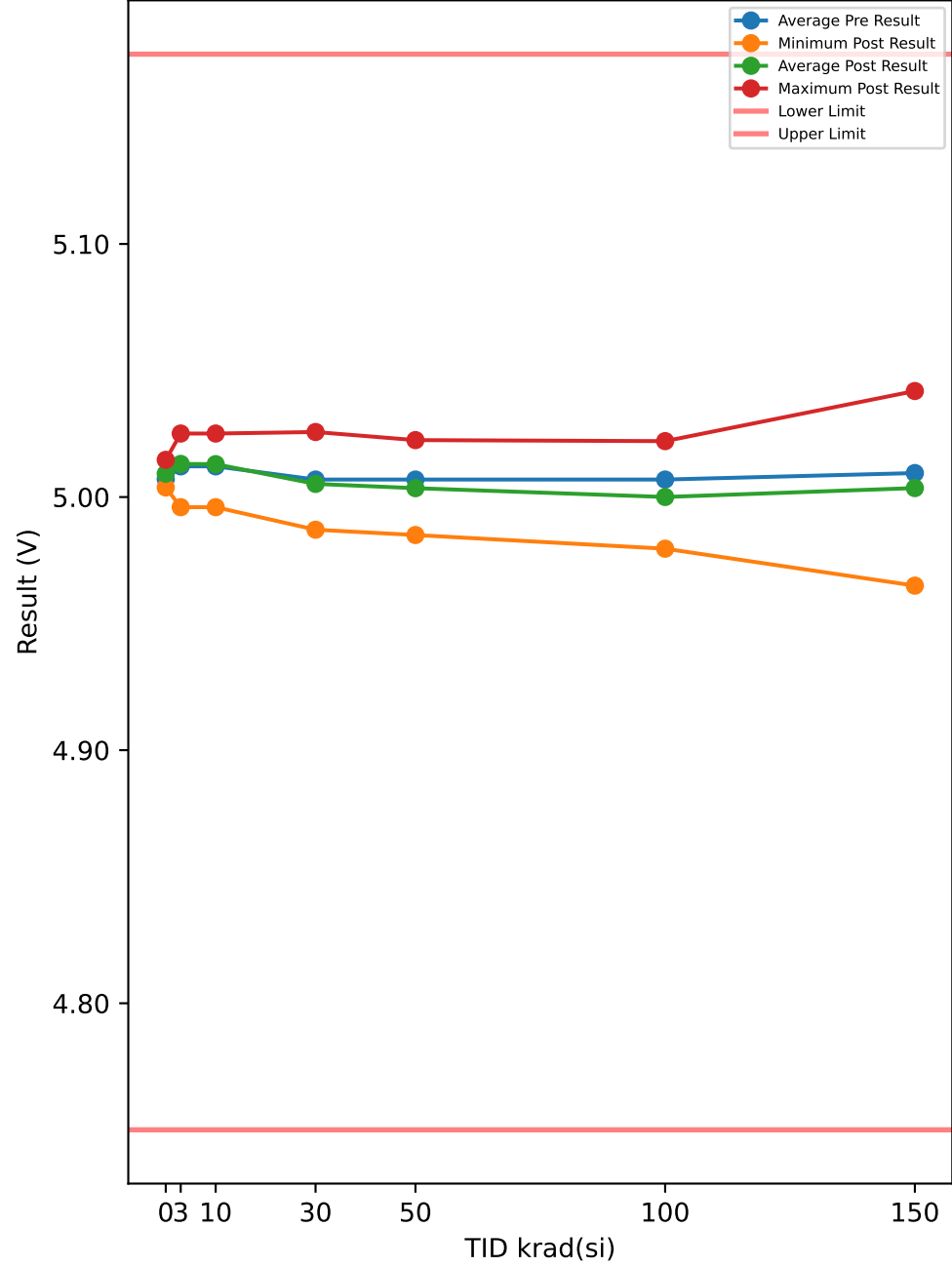
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0376	7.0204	-0.0172
2	0	CORRELATION	7.0057	7.0384	0.0327
259	3	LDR Biased	7.0678	7.0688	0.001
426	3	LDR Biased	7.007	7.0074	0.0004
427	3	LDR Biased	7.0501	7.0505	0.0004
428	3	LDR Biased	7.0315	7.0312	-0.0003
429	3	LDR Unbiased	7.0257	7.0254	-0.0003
430	3	LDR Unbiased	6.999	6.9992	0.0002
431	3	LDR Unbiased	6.9834	6.9814	-0.002
432	3	LDR Unbiased	7.0288	7.0275	-0.0013
433	3	LDR Unbiased	7.0118	7.0127	0.0009
1259	10	LDR Biased	7.0678	7.0677	-0.0001
1426	10	LDR Biased	7.007	7.007	0
1427	10	LDR Biased	7.0501	7.0474	-0.0027
1428	10	LDR Biased	7.0315	7.0315	0
1429	10	LDR Unbiased	7.0257	7.0251	-0.0006
1430	10	LDR Unbiased	6.999	6.9963	-0.0027
1431	10	LDR Unbiased	6.9834	6.9852	0.0018
1432	10	LDR Unbiased	7.0288	7.0253	-0.0035
1433	10	LDR Unbiased	7.0118	7.0155	0.0037
2434	30	LDR Biased	6.9979	6.996	-0.0019
2435	30	LDR Biased	7.0301	7.022	-0.0081
2436	30	LDR Biased	7.0513	7.0468	-0.0045
2437	30	LDR Biased	7.038	7.0367	-0.0013
2438	30	LDR Biased	7.0462	7.0389	-0.0073
2439	30	LDR Unbiased	6.9838	6.9773	-0.0065
2440	30	LDR Unbiased	6.9857	6.9834	-0.0023
2441	30	LDR Unbiased	7.0376	7.0307	-0.0069
2443	30	LDR Unbiased	7.0057	7.0011	-0.0046
2444	30	LDR Unbiased	7.0147	7.0097	-0.005
3434	50	LDR Biased	6.9979	6.9905	-0.0074
3435	50	LDR Biased	7.0301	7.0203	-0.0098
3436	50	LDR Biased	7.0513	7.0455	-0.0058
3437	50	LDR Biased	7.038	7.0341	-0.0039
3438	50	LDR Biased	7.0462	7.0351	-0.0111
3439	50	LDR Unbiased	6.9838	6.9805	-0.0033
3440	50	LDR Unbiased	6.9857	6.9811	-0.0046
3441	50	LDR Unbiased	7.0376	7.0317	-0.0059
3443	50	LDR Unbiased	7.0057	7.0006	-0.0051
3444	50	LDR Unbiased	7.0147	7.0074	-0.0073
4434	100	LDR Biased	6.9979	6.9849	-0.013
4435	100	LDR Biased	7.0301	7.016	-0.0141
4436	100	LDR Biased	7.0513	7.0248	-0.0265
4437	100	LDR Biased	7.038	7.0242	-0.0138
4438	100	LDR Biased	7.0462	7.0183	-0.0279
4439	100	LDR Unbiased	6.9838	6.9766	-0.0072
4440	100	LDR Unbiased	6.9857	6.9647	-0.021
4441	100	LDR Unbiased	7.0376	7.0309	-0.0067
4443	100	LDR Unbiased	7.0057	7.0029	-0.0028
4444	100	LDR Unbiased	7.0147	7.0015	-0.0132
4500	150	LDR Biased	7.024	7.0005	-0.0235
4501	150	LDR Biased	7.0036	6.9955	-0.0081
4502	150	LDR Biased	6.977	6.959	-0.018
4503	150	LDR Biased	7.036	7.0387	0.0027
4504	150	LDR Biased	6.95	6.9282	-0.0218
4505	150	LDR Unbiased	6.9909	6.9912	0.0003
4506	150	LDR Unbiased	7.0205	7.0012	-0.0193
4507	150	LDR Unbiased	7.0763	7.066	-0.0103
4508	150	LDR Unbiased	7.0114	6.9717	-0.0397
4509	150	LDR Unbiased	7.043	7.0369	-0.0061

Test Statistics (V)

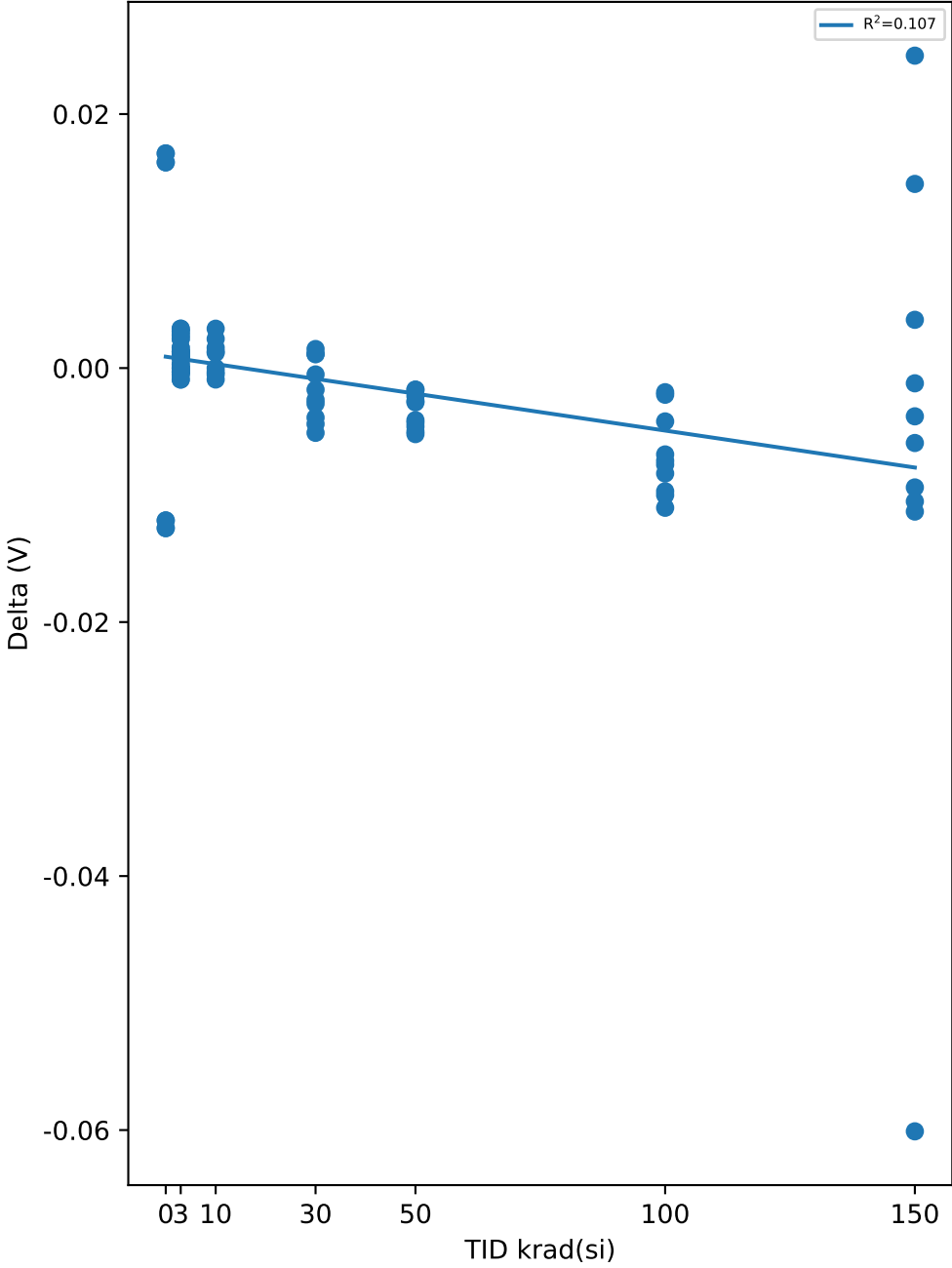
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0057	7.0217	7.0376	0.022557	7.0204	7.0294	7.0384	0.012728	-0.0172	0.00775	0.0327	0.035285
3	6.9834	7.0228	7.0678	0.025932	6.9814	7.0227	7.0688	0.02644	-0.002	-0.00011111	0.001	0.00099555
10	6.9834	7.0228	7.0678	0.025932	6.9852	7.0223	7.0677	0.025312	-0.0035	-0.00045556	0.0037	0.0022984
30	6.9838	7.0191	7.0513	0.024948	6.9773	7.0143	7.0468	0.024371	-0.0081	-0.00484	-0.0013	0.0023922
50	6.9838	7.0191	7.0513	0.024948	6.9805	7.0127	7.0455	0.023938	-0.0111	-0.00642	-0.0033	0.0025134
100	6.9838	7.0191	7.0513	0.024948	6.9647	7.0045	7.0309	0.022554	-0.0279	-0.01462	-0.0028	0.0083085
150	6.95	7.0133	7.0763	0.035679	6.9282	6.9989	7.066	0.040742	-0.0397	-0.01438	0.0027	0.012686

Device Test: 60.7 V_BP5L PWM 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

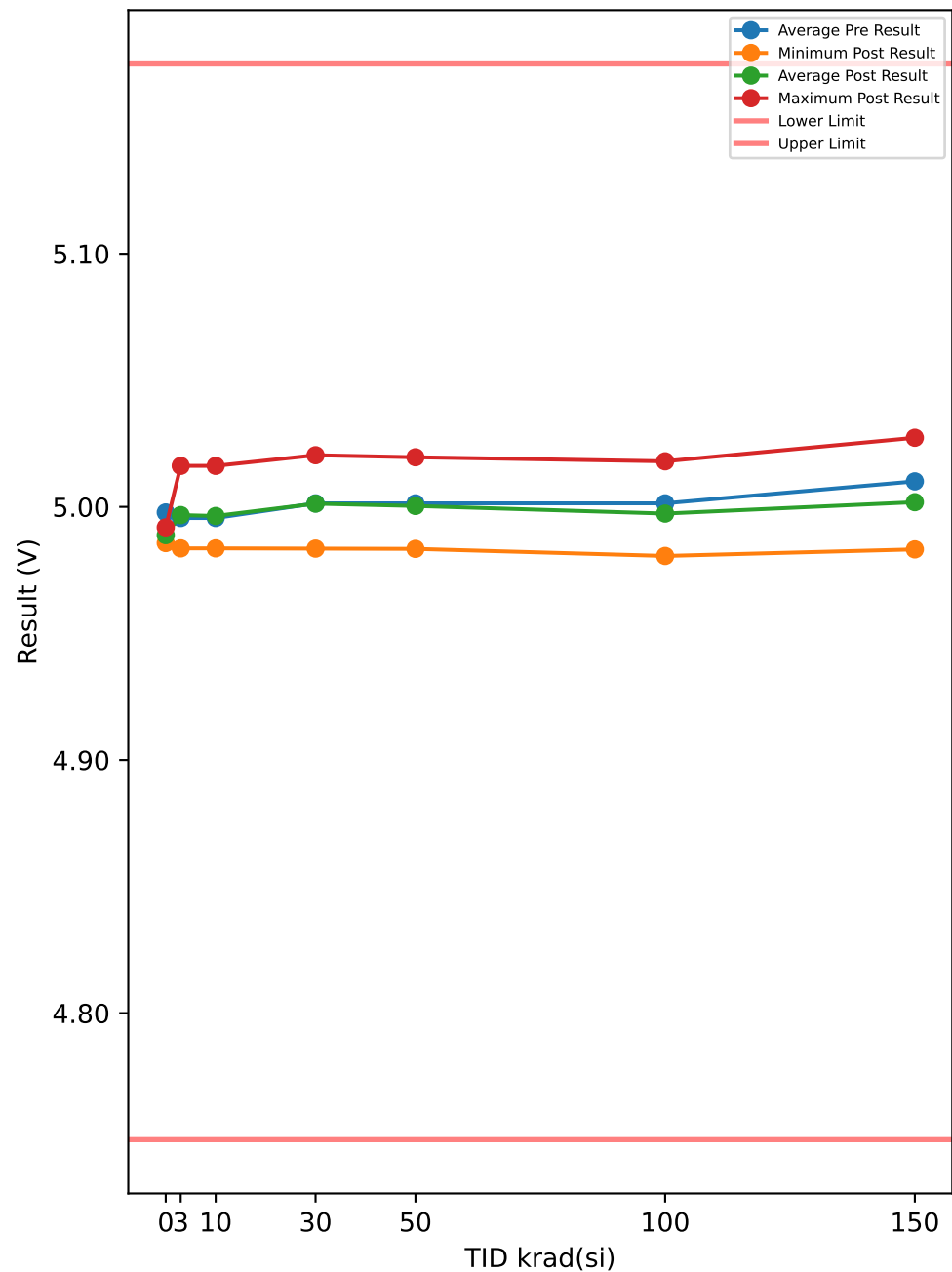
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9978	5.014	0.0162
2	0	CORRELATION	5.0164	5.0038	-0.0126
259	3	LDR Biased	5.0079	5.0105	0.0026
426	3	LDR Biased	5.0172	5.0172	0
427	3	LDR Biased	5.014	5.0169	0.0029
428	3	LDR Biased	5.0251	5.0248	-0.0003
429	3	LDR Unbiased	5.0035	5.0048	0.0013
430	3	LDR Unbiased	4.9963	4.9972	0.0009
431	3	LDR Unbiased	5.0077	5.0087	0.001
432	3	LDR Unbiased	5.0205	5.0213	0.0008
433	3	LDR Unbiased	5.017	5.0173	0.0003
1259	10	LDR Biased	5.0079	5.0102	0.0023
1426	10	LDR Biased	5.0172	5.0163	-0.0009
1427	10	LDR Biased	5.014	5.0171	0.0031
1428	10	LDR Biased	5.0251	5.0251	0
1429	10	LDR Unbiased	5.0035	5.0048	0.0013
1430	10	LDR Unbiased	4.9963	4.996	-0.0003
1431	10	LDR Unbiased	5.0077	5.0093	0.0016
1432	10	LDR Unbiased	5.0205	5.02	-0.0005
1433	10	LDR Unbiased	5.017	5.0182	0.0012
2434	30	LDR Biased	5.0242	5.0257	0.0015
2435	30	LDR Biased	5.0065	5.006	-0.0005
2436	30	LDR Biased	4.9902	4.9913	0.0011
2437	30	LDR Biased	4.9872	4.9883	0.0011
2438	30	LDR Biased	5.0119	5.0094	-0.0025
2439	30	LDR Unbiased	5.0269	5.0218	-0.0051
2440	30	LDR Unbiased	4.9899	4.9871	-0.0028
2441	30	LDR Unbiased	4.9978	4.9939	-0.0039
2443	30	LDR Unbiased	5.0164	5.012	-0.0044
2444	30	LDR Unbiased	5.0182	5.0165	-0.0017
3434	50	LDR Biased	5.0242	5.0225	-0.0017
3435	50	LDR Biased	5.0065	5.0024	-0.0041
3436	50	LDR Biased	4.9902	4.985	-0.0052
3437	50	LDR Biased	4.9872	4.985	-0.0022
3438	50	LDR Biased	5.0119	5.0102	-0.0017
3439	50	LDR Unbiased	5.0269	5.0219	-0.005
3440	50	LDR Unbiased	4.9899	4.9872	-0.0027
3441	50	LDR Unbiased	4.9978	4.9932	-0.0046
3443	50	LDR Unbiased	5.0164	5.0138	-0.0026
3444	50	LDR Unbiased	5.0182	5.0139	-0.0043
4434	100	LDR Biased	5.0242	5.0221	-0.0021
4435	100	LDR Biased	5.0065	4.9965	-0.01
4436	100	LDR Biased	4.9902	4.9819	-0.0083
4437	100	LDR Biased	4.9872	4.9796	-0.0076
4438	100	LDR Biased	5.0119	5.01	-0.0019
4439	100	LDR Unbiased	5.0269	5.0159	-0.011
4440	100	LDR Unbiased	4.9899	4.9802	-0.0097
4441	100	LDR Unbiased	4.9978	4.9905	-0.0073
4443	100	LDR Unbiased	5.0164	5.0122	-0.0042
4444	100	LDR Unbiased	5.0182	5.0114	-0.0068
4500	150	LDR Biased	5.0144	5.0031	-0.0113
4501	150	LDR Biased	5.0031	4.9937	-0.0094
4502	150	LDR Biased	5.0223	5.0118	-0.0105
4503	150	LDR Biased	4.9903	4.9865	-0.0038
4504	150	LDR Biased	5.0237	5.0382	0.0145
4505	150	LDR Unbiased	5.0022	4.9963	-0.0059
4506	150	LDR Unbiased	5.0251	4.965	-0.0601
4507	150	LDR Unbiased	4.998	4.9968	-0.0012
4508	150	LDR Unbiased	4.9984	5.0022	0.0038
4509	150	LDR Unbiased	5.0173	5.0419	0.0246

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	4.9978	5.0071	5.0164	0.013152	5.0038	5.0089	5.014	0.0072125	-0.0126	0.0018	0.0162	0.020365
3	4.9963	5.0121	5.0251	0.00904	4.9972	5.0132	5.0248	0.0086658	-0.0003	0.0010556	0.0029	0.0010876
10	4.9963	5.0121	5.0251	0.00904	4.996	5.013	5.0251	0.0088595	-0.0009	0.00086667	0.0031	0.0013684
30	4.9872	5.0069	5.0269	0.014837	4.9871	5.0052	5.0257	0.014229	-0.0051	-0.00172	0.0015	0.0024243
50	4.9872	5.0069	5.0269	0.014837	4.985	5.0035	5.0225	0.014967	-0.0052	-0.00341	-0.0017	0.0013699
100	4.9872	5.0069	5.0269	0.014837	4.9796	5	5.0221	0.016188	-0.011	-0.00689	-0.0019	0.0032009
150	4.9903	5.0095	5.0251	0.012526	4.965	5.0035	5.0419	0.022885	-0.0601	-0.00593	0.0246	0.022279

Device Test: 60.8 V_BP5H PWM 2MHz VIN_10V

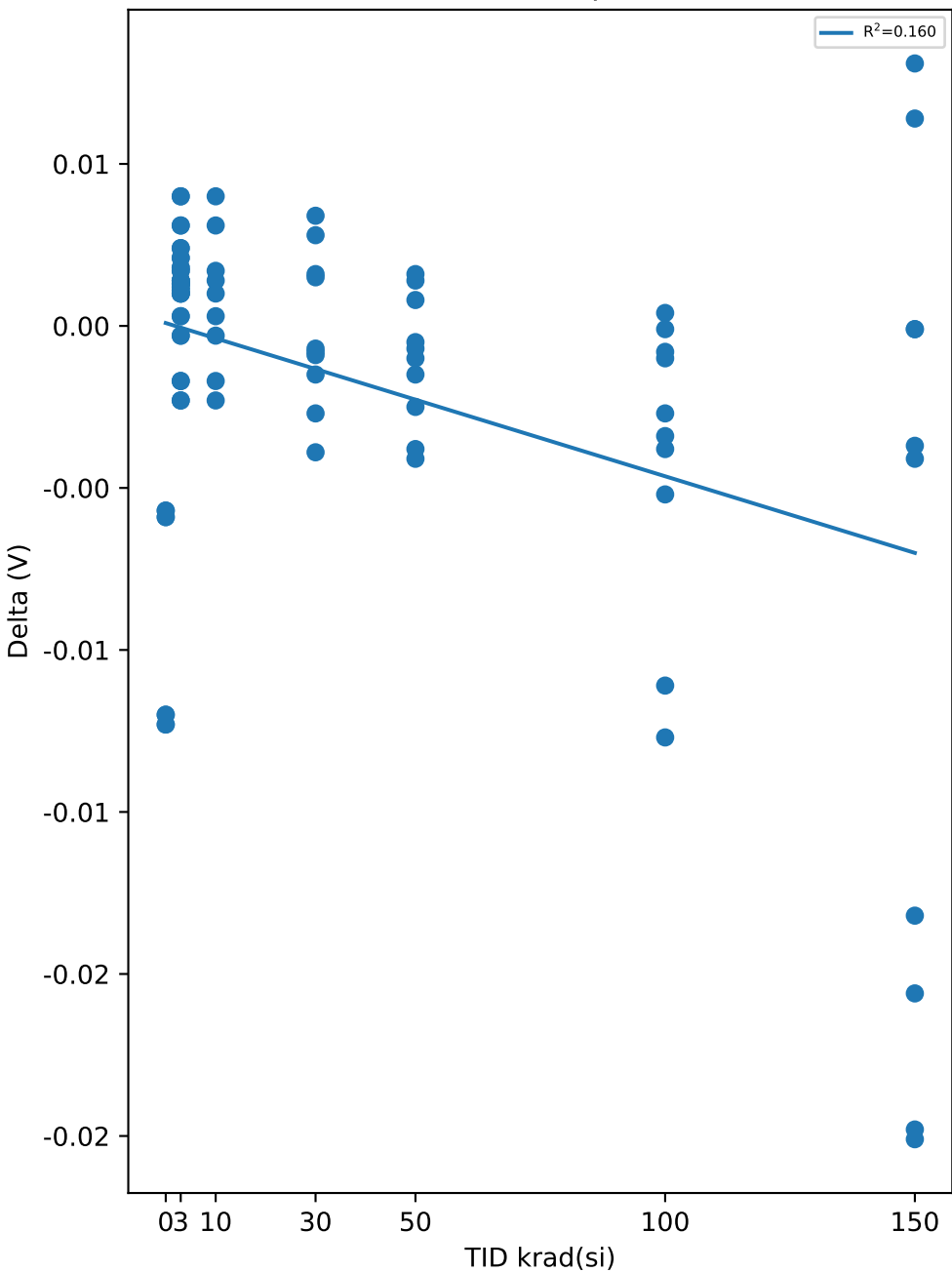
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9976	4.9917	-0.0059
2	0	CORRELATION	4.998	4.9857	-0.0123
259	3	LDR Biased	5.0131	5.0141	0.001
426	3	LDR Biased	4.9972	4.9985	0.0013
427	3	LDR Biased	4.9892	4.9905	0.0013
428	3	LDR Biased	4.9833	4.9844	0.0011
429	3	LDR Unbiased	4.9861	4.9873	0.0012
430	3	LDR Unbiased	5.0059	5.0083	0.0024
431	3	LDR Unbiased	5.0036	5.0057	0.0021
432	3	LDR Unbiased	4.9922	4.994	0.0018
433	3	LDR Unbiased	4.9898	4.9912	0.0014
1259	10	LDR Biased	5.0131	5.0162	0.0031
1426	10	LDR Biased	4.9972	4.9969	-0.0003
1427	10	LDR Biased	4.9892	4.9906	0.0014
1428	10	LDR Biased	4.9833	4.9836	0.0003
1429	10	LDR Unbiased	4.9861	4.9844	-0.0017
1430	10	LDR Unbiased	5.0059	5.0076	0.0017
1431	10	LDR Unbiased	5.0036	5.0013	-0.0023
1432	10	LDR Unbiased	4.9922	4.9962	0.004
1433	10	LDR Unbiased	4.9898	4.9908	0.001
2434	30	LDR Biased	4.9967	5.0001	0.0034
2435	30	LDR Biased	5.0105	5.0098	-0.0007
2436	30	LDR Biased	4.9869	4.9897	0.0028
2437	30	LDR Biased	5.0187	5.016	-0.0027
2438	30	LDR Biased	4.9844	4.9835	-0.0009
2439	30	LDR Unbiased	4.992	4.9912	-0.0008
2440	30	LDR Unbiased	5.0103	5.0118	0.0015
2441	30	LDR Unbiased	4.9976	4.9937	-0.0039
2443	30	LDR Unbiased	4.998	4.9965	-0.0015
2444	30	LDR Unbiased	5.0188	5.0204	0.0016
3434	50	LDR Biased	4.9967	4.9981	0.0014
3435	50	LDR Biased	5.0105	5.008	-0.0025
3436	50	LDR Biased	4.9869	4.9885	0.0016
3437	50	LDR Biased	5.0187	5.0149	-0.0038
3438	50	LDR Biased	4.9844	4.9834	-0.001
3439	50	LDR Unbiased	4.992	4.9913	-0.0007
3440	50	LDR Unbiased	5.0103	5.0088	-0.0015
3441	50	LDR Unbiased	4.9976	4.9935	-0.0041
3443	50	LDR Unbiased	4.998	4.9975	-0.0005
3444	50	LDR Unbiased	5.0188	5.0196	0.0008
4434	100	LDR Biased	4.9967	4.9971	0.0004
4435	100	LDR Biased	5.0105	5.0078	-0.0027
4436	100	LDR Biased	4.9869	4.9835	-0.0034
4437	100	LDR Biased	5.0187	5.0135	-0.0052
4438	100	LDR Biased	4.9844	4.9806	-0.0038
4439	100	LDR Unbiased	4.992	4.9809	-0.0111
4440	100	LDR Unbiased	5.0103	4.9976	-0.0127
4441	100	LDR Unbiased	4.9976	4.9975	-0.0001
4443	100	LDR Unbiased	4.998	4.997	-0.001
4444	100	LDR Unbiased	5.0188	5.018	-0.0008
4500	150	LDR Biased	5.0014	4.9832	-0.0182
4501	150	LDR Biased	4.9997	4.996	-0.0037
4502	150	LDR Biased	5.0166	5.0125	-0.0041
4503	150	LDR Biased	5.0015	5.0014	-0.0001
4504	150	LDR Biased	5.0133	4.9927	-0.0206
4505	150	LDR Unbiased	5.0221	4.9973	-0.0248
4506	150	LDR Unbiased	5.0149	4.9898	-0.0251
4507	150	LDR Unbiased	5.0211	5.021	-0.0001
4508	150	LDR Unbiased	5.0192	5.0273	0.0081
4509	150	LDR Unbiased	4.9909	4.9973	0.0064

TID vs Post - Pre Exposure Delta

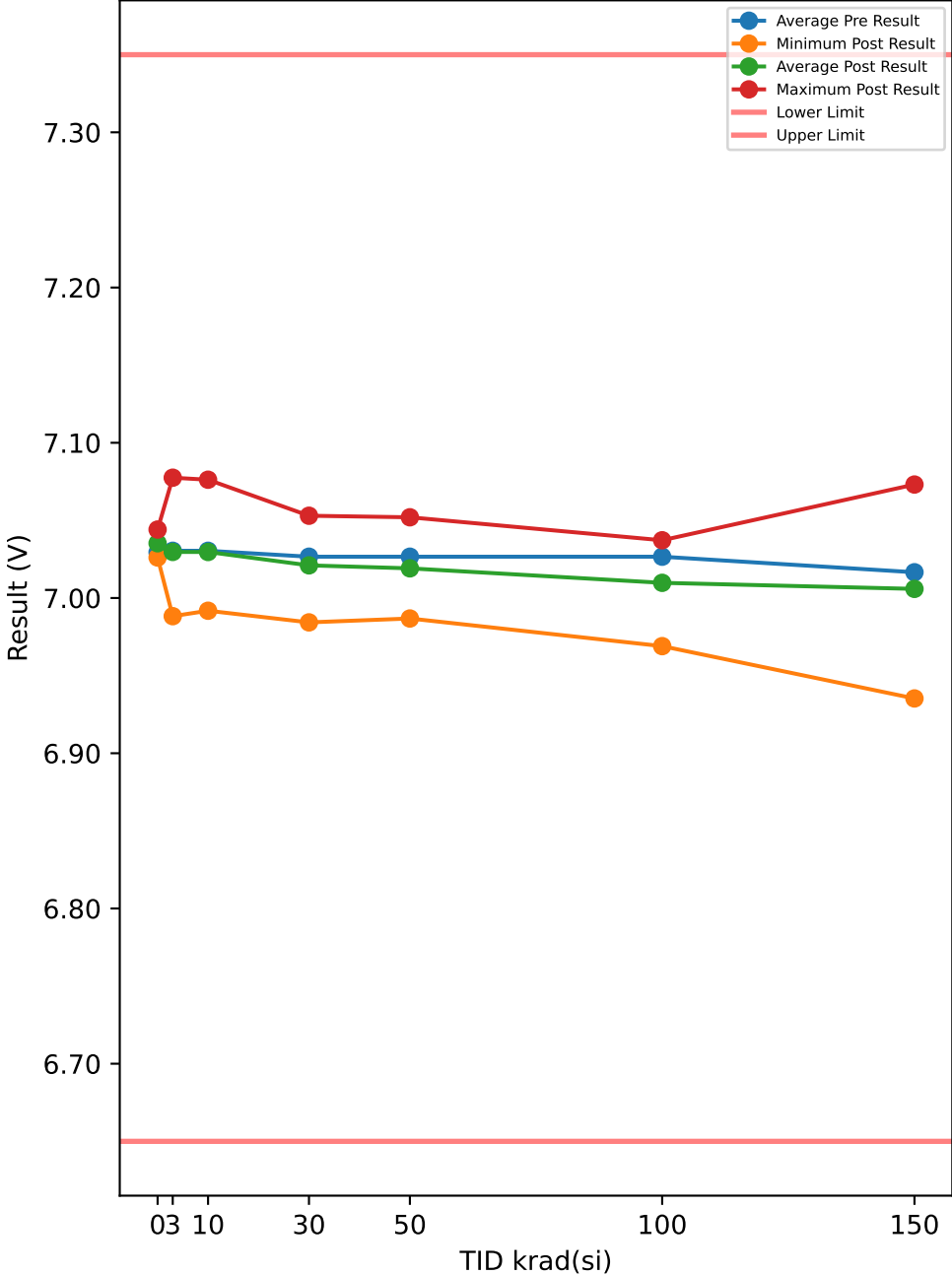


Test Statistics (V)

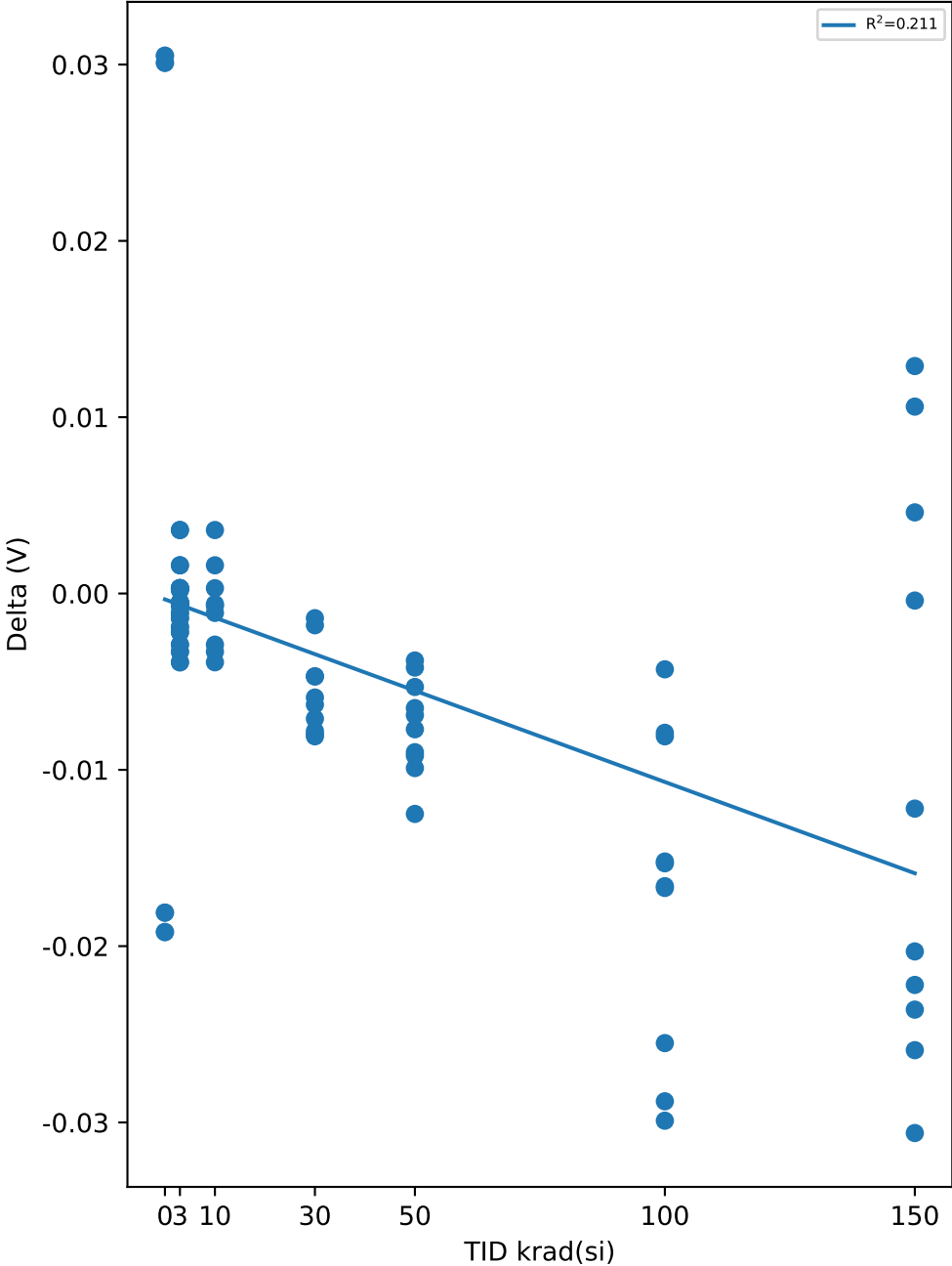
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9976	4.9978	4.998	0.00028284	4.9857	4.9887	4.9917	0.0042426	-0.0123	-0.0091	-0.0059	0.0045255
3	4.9833	4.9956	5.0131	0.010041	4.9844	4.9971	5.0141	0.01022	0.001	0.0015111	0.0024	0.00048074
10	4.9833	4.9956	5.0131	0.010041	4.9836	4.9964	5.0162	0.010692	-0.0023	0.0008	0.004	0.0020634
30	4.9844	5.0014	5.0188	0.012471	4.9835	5.0013	5.0204	0.012468	-0.0039	-0.00012	0.0034	0.0023748
50	4.9844	5.0014	5.0188	0.012471	4.9834	5.0004	5.0196	0.011935	-0.0041	-0.00103	0.0016	0.0020011
100	4.9844	5.0014	5.0188	0.012471	4.9806	4.9973	5.018	0.01308	-0.0127	-0.00404	0.0004	0.0045145
150	4.9909	5.0101	5.0221	0.0108	4.9832	5.0019	5.0273	0.014065	-0.0251	-0.00822	0.0081	0.012746

Device Test: 60.9 V_BP7L PWM 5MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

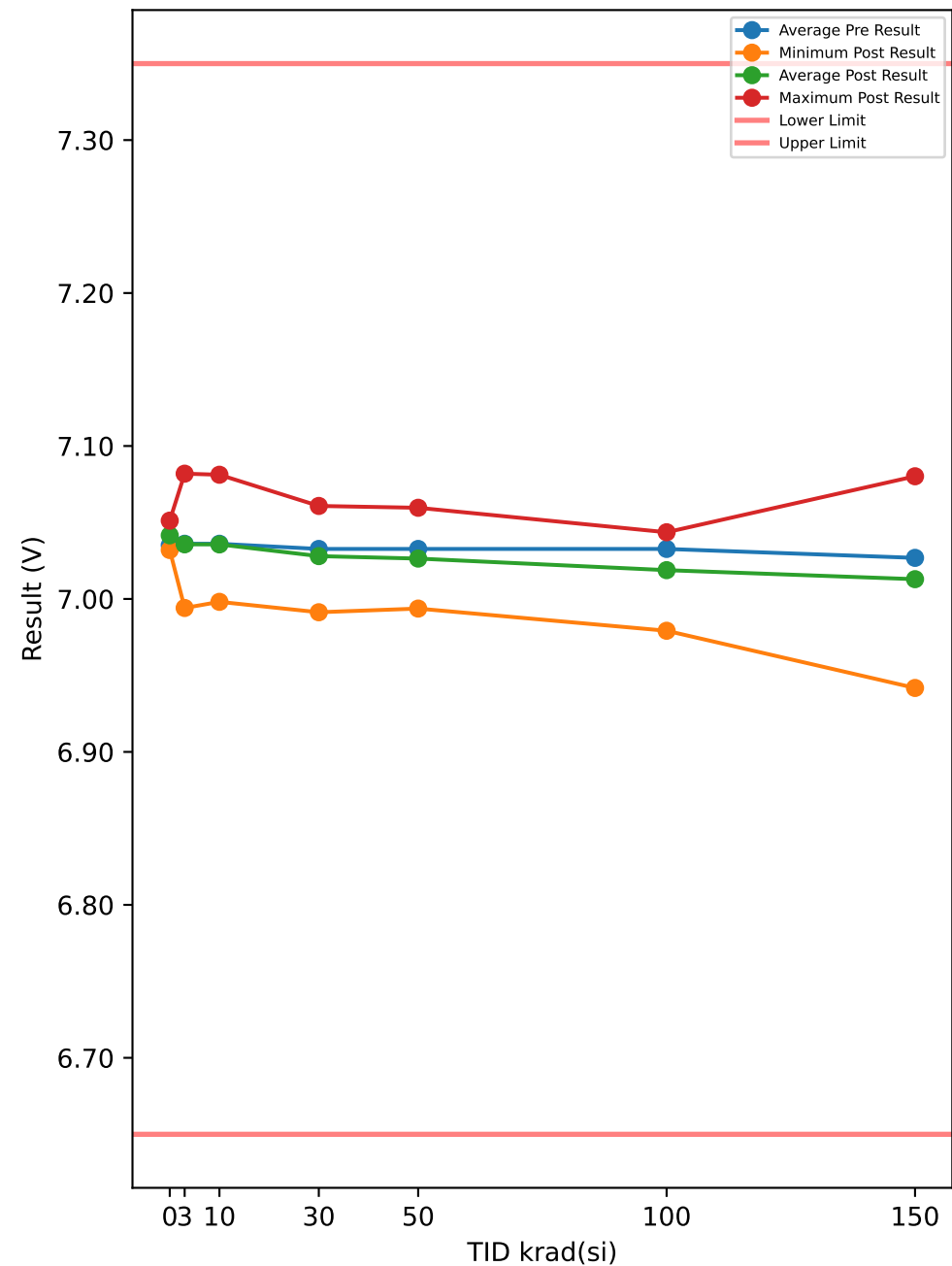
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0453	7.0261	-0.0192
2	0	CORRELATION	7.0136	7.0437	0.0301
259	3	LDR Biased	7.0773	7.0775	0.0002
426	3	LDR Biased	7.0154	7.0149	-0.0005
427	3	LDR Biased	7.0549	7.0552	0.0003
428	3	LDR Biased	7.0389	7.0384	-0.0005
429	3	LDR Unbiased	7.0345	7.0331	-0.0014
430	3	LDR Unbiased	7.0067	7.0061	-0.0006
431	3	LDR Unbiased	6.9902	6.9883	-0.0019
432	3	LDR Unbiased	7.0361	7.0339	-0.0022
433	3	LDR Unbiased	7.0198	7.0201	0.0003
1259	10	LDR Biased	7.0773	7.0762	-0.0011
1426	10	LDR Biased	7.0154	7.0148	-0.0006
1427	10	LDR Biased	7.0549	7.052	-0.0029
1428	10	LDR Biased	7.0389	7.0392	0.0003
1429	10	LDR Unbiased	7.0345	7.0338	-0.0007
1430	10	LDR Unbiased	7.0067	7.0034	-0.0033
1431	10	LDR Unbiased	6.9902	6.9918	0.0016
1432	10	LDR Unbiased	7.0361	7.0322	-0.0039
1433	10	LDR Unbiased	7.0198	7.0234	0.0036
2434	30	LDR Biased	7.0059	7.0041	-0.0018
2435	30	LDR Biased	7.0373	7.0292	-0.0081
2436	30	LDR Biased	7.0589	7.053	-0.0059
2437	30	LDR Biased	7.0447	7.0433	-0.0014
2438	30	LDR Biased	7.0519	7.0441	-0.0078
2439	30	LDR Unbiased	6.9914	6.9843	-0.0071
2440	30	LDR Unbiased	6.9945	6.9898	-0.0047
2441	30	LDR Unbiased	7.0453	7.0373	-0.008
2443	30	LDR Unbiased	7.0136	7.0089	-0.0047
2444	30	LDR Unbiased	7.0226	7.0163	-0.0063
3434	50	LDR Biased	7.0059	6.9969	-0.009
3435	50	LDR Biased	7.0373	7.0274	-0.0099
3436	50	LDR Biased	7.0589	7.052	-0.0069
3437	50	LDR Biased	7.0447	7.0405	-0.0042
3438	50	LDR Biased	7.0519	7.0394	-0.0125
3439	50	LDR Unbiased	6.9914	6.9876	-0.0038
3440	50	LDR Unbiased	6.9945	6.9868	-0.0077
3441	50	LDR Unbiased	7.0453	7.0388	-0.0065
3443	50	LDR Unbiased	7.0136	7.0083	-0.0053
3444	50	LDR Unbiased	7.0226	7.0134	-0.0092
4434	100	LDR Biased	7.0059	6.9893	-0.0166
4435	100	LDR Biased	7.0373	7.0221	-0.0152
4436	100	LDR Biased	7.0589	7.0301	-0.0288
4437	100	LDR Biased	7.0447	7.0294	-0.0153
4438	100	LDR Biased	7.0519	7.022	-0.0299
4439	100	LDR Unbiased	6.9914	6.9835	-0.0079
4440	100	LDR Unbiased	6.9945	6.969	-0.0255
4441	100	LDR Unbiased	7.0453	7.0372	-0.0081
4443	100	LDR Unbiased	7.0136	7.0093	-0.0043
4444	100	LDR Unbiased	7.0226	7.0059	-0.0167
4500	150	LDR Biased	7.0327	7.0068	-0.0259
4501	150	LDR Biased	6.9957	7.0063	0.0106
4502	150	LDR Biased	6.9857	6.9654	-0.0203
4503	150	LDR Biased	7.0449	7.0495	0.0046
4504	150	LDR Biased	6.9589	6.9353	-0.0236
4505	150	LDR Unbiased	7.0002	6.9998	-0.0004
4506	150	LDR Unbiased	7.0283	7.0061	-0.0222
4507	150	LDR Unbiased	7.0853	7.0731	-0.0122
4508	150	LDR Unbiased	7.0045	6.9739	-0.0306
4509	150	LDR Unbiased	7.0297	7.0426	0.0129

Test Statistics (V)

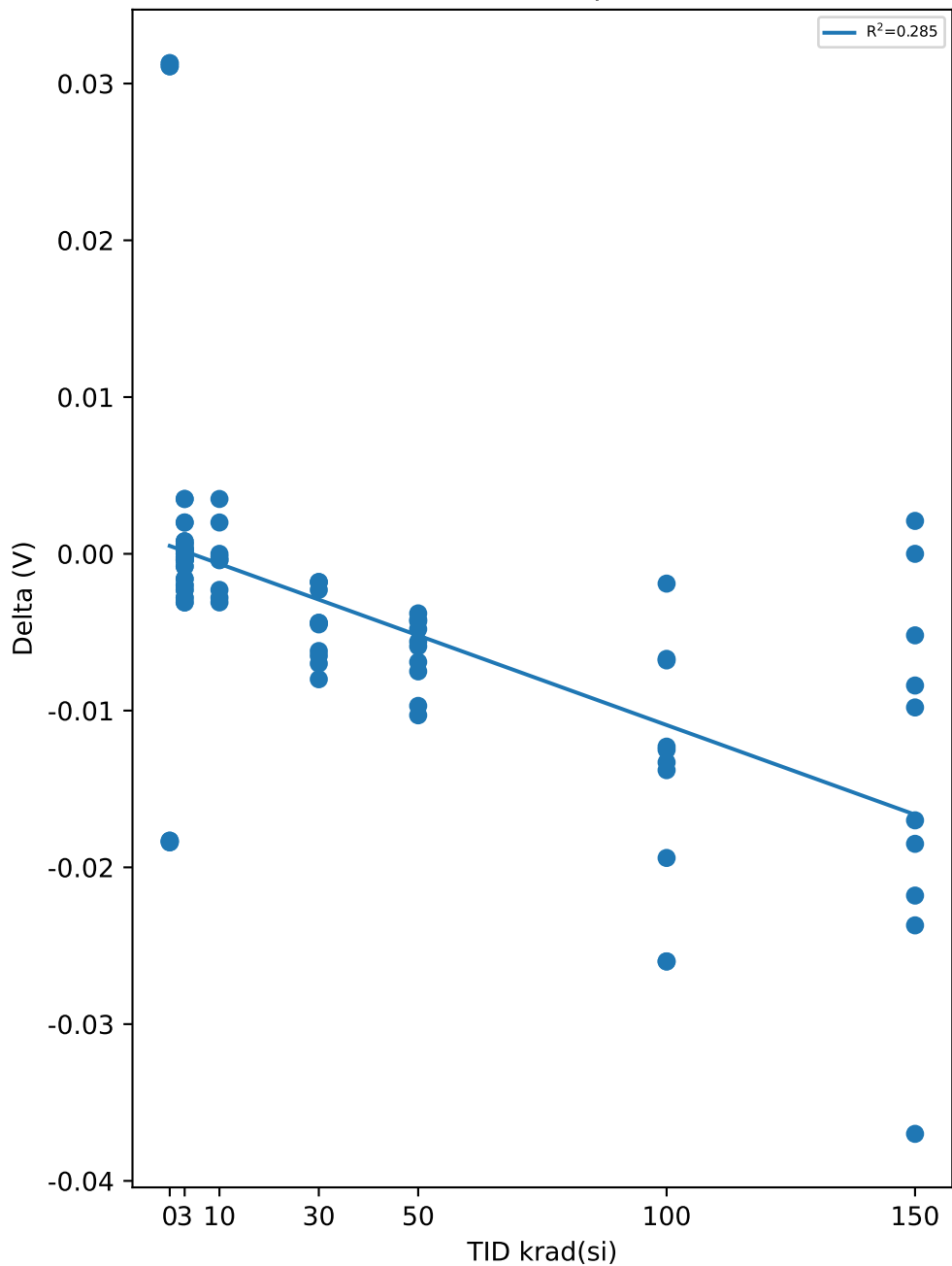
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0136	7.0295	7.0453	0.022415	7.0261	7.0349	7.0437	0.012445	-0.0192	0.00545	0.0301	0.03486
3	6.9902	7.0304	7.0773	0.026068	6.9883	7.0297	7.0775	0.02651	-0.0022	-0.0007	0.0003	0.00094074
10	6.9902	7.0304	7.0773	0.026068	6.9918	7.0296	7.0762	0.025403	-0.0039	-0.00077778	0.0036	0.002417
30	6.9914	7.0266	7.0589	0.0244	6.9843	7.021	7.053	0.02395	-0.0081	-0.00558	-0.0014	0.0024353
50	6.9914	7.0266	7.0589	0.0244	6.9868	7.0191	7.052	0.023774	-0.0125	-0.0075	-0.0038	0.0027227
100	6.9914	7.0266	7.0589	0.0244	6.969	7.0098	7.0372	0.022704	-0.0299	-0.01683	-0.0043	0.008865
150	6.9589	7.0166	7.0853	0.035315	6.9353	7.0059	7.0731	0.041433	-0.0306	-0.01071	0.0129	0.016231

Device Test: 61.0 V_BP7L PWM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

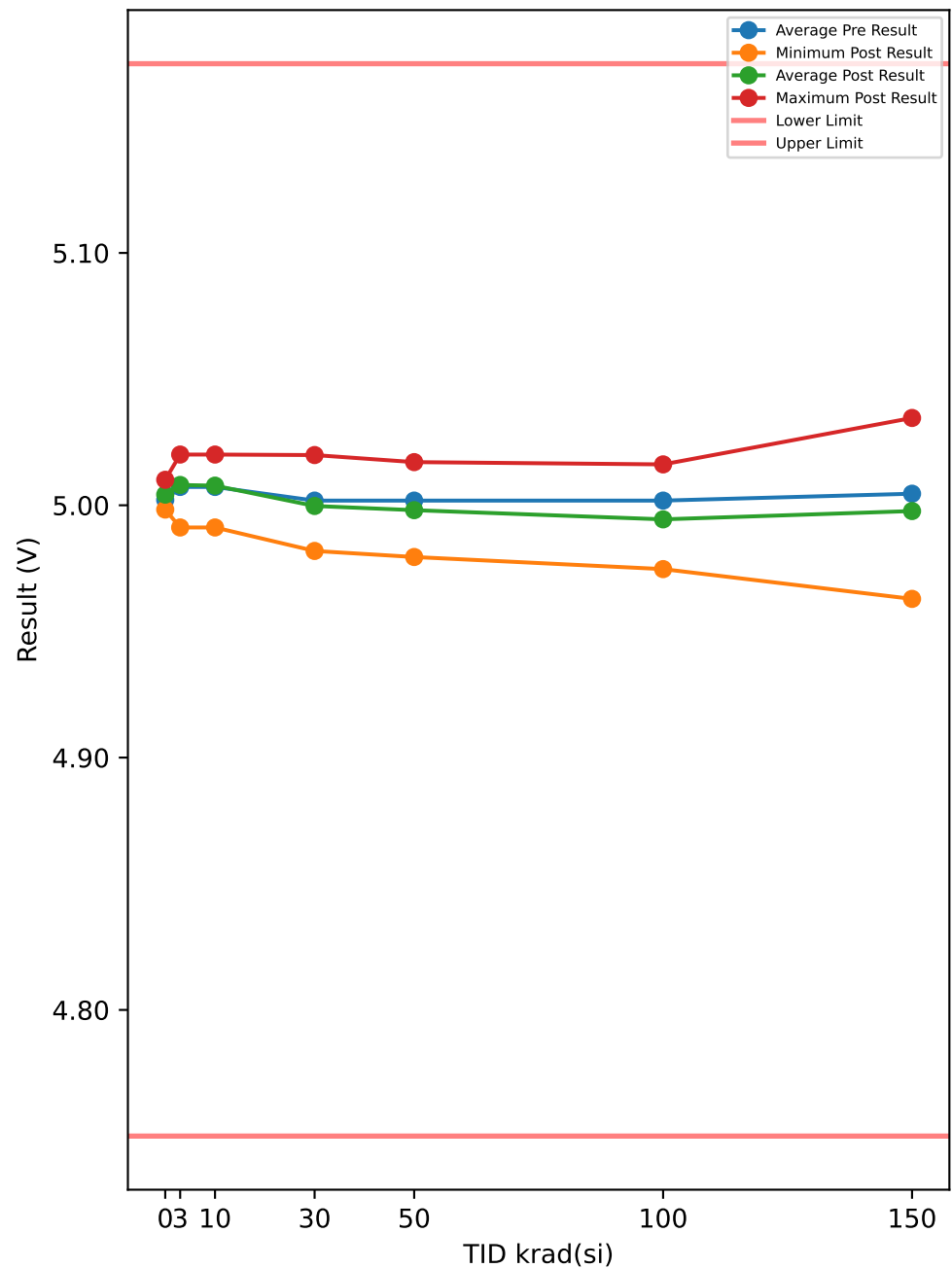
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0504	7.0321	-0.0183
2	0	CORRELATION	7.0199	7.051	0.0311
259	3	LDR Biased	7.0816	7.0819	0.0003
426	3	LDR Biased	7.0201	7.0204	0.0003
427	3	LDR Biased	7.0631	7.0637	0.0006
428	3	LDR Biased	7.0451	7.0443	-0.0008
429	3	LDR Unbiased	7.0394	7.0391	-0.0003
430	3	LDR Unbiased	7.012	7.0122	0.0002
431	3	LDR Unbiased	6.9961	6.9941	-0.002
432	3	LDR Unbiased	7.042	7.0404	-0.0016
433	3	LDR Unbiased	7.0252	7.026	0.0008
1259	10	LDR Biased	7.0816	7.0812	-0.0004
1426	10	LDR Biased	7.0201	7.0199	-0.0002
1427	10	LDR Biased	7.0631	7.0608	-0.0023
1428	10	LDR Biased	7.0451	7.0451	0
1429	10	LDR Unbiased	7.0394	7.039	-0.0004
1430	10	LDR Unbiased	7.012	7.0092	-0.0028
1431	10	LDR Unbiased	6.9961	6.9981	0.002
1432	10	LDR Unbiased	7.042	7.0389	-0.0031
1433	10	LDR Unbiased	7.0252	7.0287	0.0035
2434	30	LDR Biased	7.0113	7.009	-0.0023
2435	30	LDR Biased	7.0439	7.0359	-0.008
2436	30	LDR Biased	7.0652	7.0608	-0.0044
2437	30	LDR Biased	7.0523	7.0505	-0.0018
2438	30	LDR Biased	7.06	7.0535	-0.0065
2439	30	LDR Unbiased	6.9975	6.9913	-0.0062
2440	30	LDR Unbiased	6.9986	6.9968	-0.0018
2441	30	LDR Unbiased	7.0504	7.0434	-0.007
2443	30	LDR Unbiased	7.0199	7.0154	-0.0045
2444	30	LDR Unbiased	7.0278	7.0234	-0.0044
3434	50	LDR Biased	7.0113	7.0038	-0.0075
3435	50	LDR Biased	7.0439	7.0342	-0.0097
3436	50	LDR Biased	7.0652	7.0596	-0.0056
3437	50	LDR Biased	7.0523	7.0481	-0.0042
3438	50	LDR Biased	7.06	7.0497	-0.0103
3439	50	LDR Unbiased	6.9975	6.9937	-0.0038
3440	50	LDR Unbiased	6.9986	6.9943	-0.0043
3441	50	LDR Unbiased	7.0504	7.0445	-0.0059
3443	50	LDR Unbiased	7.0199	7.0151	-0.0048
3444	50	LDR Unbiased	7.0278	7.0209	-0.0069
4434	100	LDR Biased	7.0113	6.999	-0.0123
4435	100	LDR Biased	7.0439	7.0306	-0.0133
4436	100	LDR Biased	7.0652	7.0392	-0.026
4437	100	LDR Biased	7.0523	7.0385	-0.0138
4438	100	LDR Biased	7.06	7.034	-0.026
4439	100	LDR Unbiased	6.9975	6.9908	-0.0067
4440	100	LDR Unbiased	6.9986	6.9792	-0.0194
4441	100	LDR Unbiased	7.0504	7.0436	-0.0068
4443	100	LDR Unbiased	7.0199	7.018	-0.0019
4444	100	LDR Unbiased	7.0278	7.0153	-0.0125
4500	150	LDR Biased	7.0377	7.014	-0.0237
4501	150	LDR Biased	7.0169	7.0085	-0.0084
4502	150	LDR Biased	6.9907	6.9722	-0.0185
4503	150	LDR Biased	7.05	7.0521	0.0021
4504	150	LDR Biased	6.9636	6.9418	-0.0218
4505	150	LDR Unbiased	7.0047	7.0047	0
4506	150	LDR Unbiased	7.0339	7.0169	-0.017
4507	150	LDR Unbiased	7.09	7.0802	-0.0098
4508	150	LDR Unbiased	7.0244	6.9874	-0.037
4509	150	LDR Unbiased	7.0566	7.0514	-0.0052

Test Statistics (V)

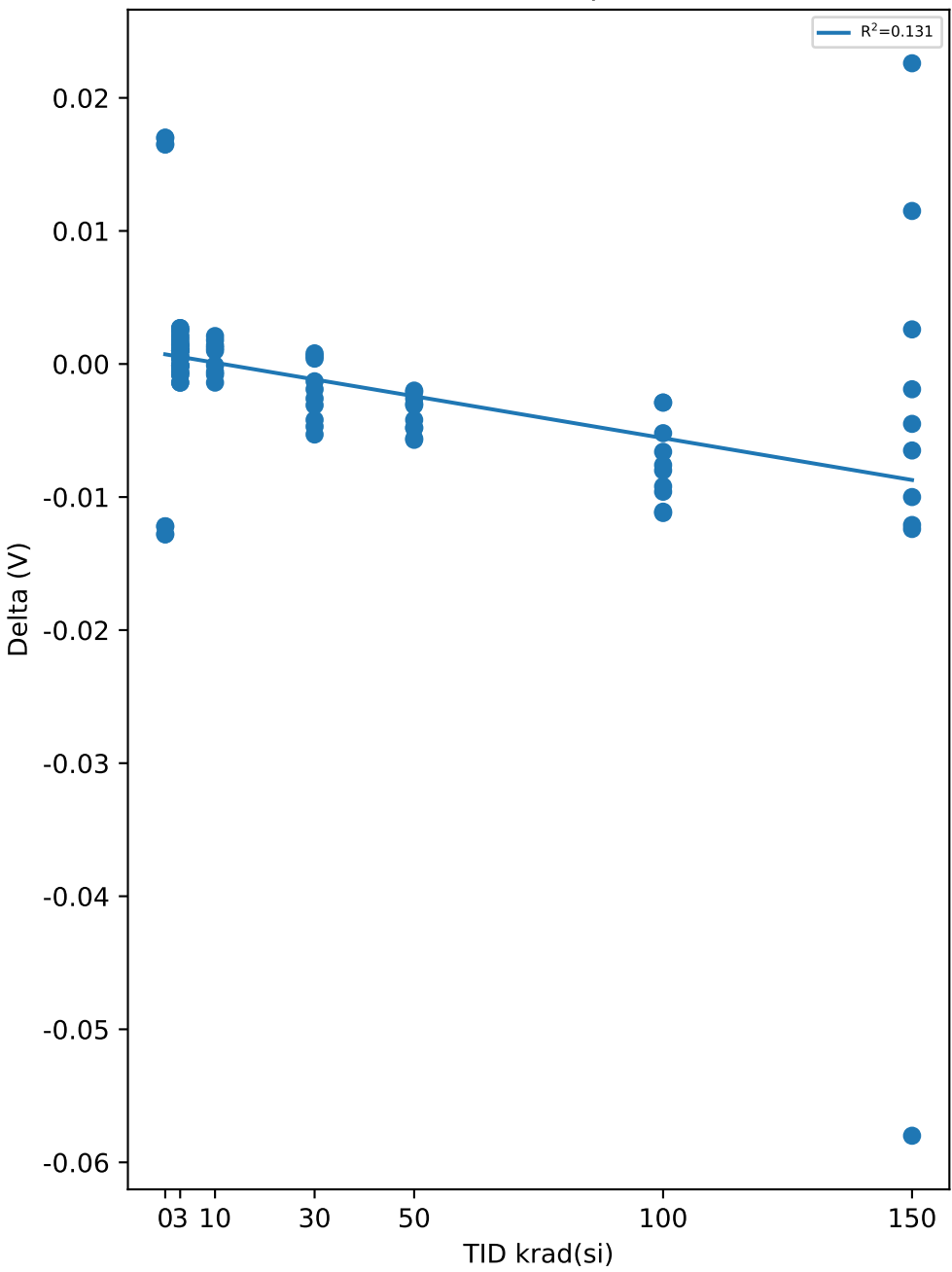
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0199	7.0351	7.0504	0.021567	7.0321	7.0415	7.051	0.013364	-0.0183	0.0064	0.0311	0.034931
3	6.9961	7.0361	7.0816	0.026176	6.9941	7.0358	7.0819	0.026545	-0.002	-0.00027778	0.0008	0.00098841
10	6.9961	7.0361	7.0816	0.026176	6.9981	7.0357	7.0812	0.025555	-0.0031	-0.00041111	0.0035	0.0021745
30	6.9975	7.0327	7.0652	0.025104	6.9913	7.028	7.0608	0.024479	-0.008	-0.00469	-0.0018	0.0022228
50	6.9975	7.0327	7.0652	0.025104	6.9937	7.0264	7.0596	0.024205	-0.0103	-0.0063	-0.0038	0.0022833
100	6.9975	7.0327	7.0652	0.025104	6.9792	7.0188	7.0436	0.022476	-0.026	-0.01387	-0.0019	0.0079875
150	6.9636	7.0269	7.09	0.035714	6.9418	7.0129	7.0802	0.040844	-0.037	-0.01393	0.0021	0.011994

Device Test: 61.1 V_BP5L PWM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

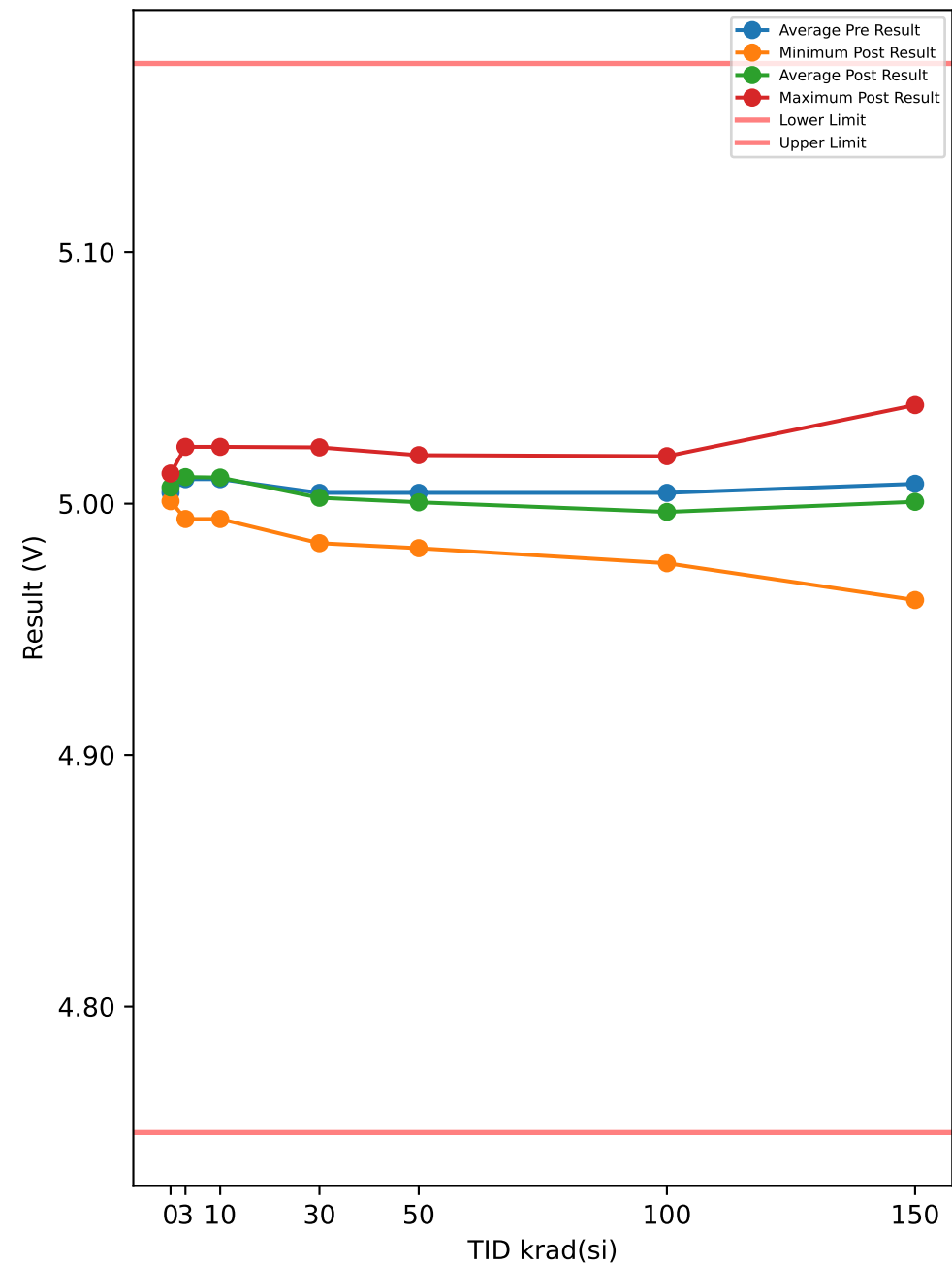
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9931	5.0096	0.0165
2	0	CORRELATION	5.0111	4.9983	-0.0128
259	3	LDR Biased	5.0034	5.0059	0.0025
426	3	LDR Biased	5.0118	5.0117	-0.0001
427	3	LDR Biased	5.0093	5.012	0.0027
428	3	LDR Biased	5.0202	5.02	-0.0002
429	3	LDR Unbiased	4.9986	5.0001	0.0015
430	3	LDR Unbiased	4.9918	4.9928	0.001
431	3	LDR Unbiased	5.0027	5.0037	0.001
432	3	LDR Unbiased	5.0154	5.016	0.0006
433	3	LDR Unbiased	5.0122	5.0126	0.0004
1259	10	LDR Biased	5.0034	5.0052	0.0018
1426	10	LDR Biased	5.0118	5.0104	-0.0014
1427	10	LDR Biased	5.0093	5.0114	0.0021
1428	10	LDR Biased	5.0202	5.0201	-0.0001
1429	10	LDR Unbiased	4.9986	4.9998	0.0012
1430	10	LDR Unbiased	4.9918	4.9912	-0.0006
1431	10	LDR Unbiased	5.0027	5.0041	0.0014
1432	10	LDR Unbiased	5.0154	5.0146	-0.0008
1433	10	LDR Unbiased	5.0122	5.0132	0.001
2434	30	LDR Biased	5.0191	5.0199	0.0008
2435	30	LDR Biased	5.0018	5.0005	-0.0013
2436	30	LDR Biased	4.9852	4.9856	0.0004
2437	30	LDR Biased	4.9827	4.9833	0.0006
2438	30	LDR Biased	5.0064	5.0038	-0.0026
2439	30	LDR Unbiased	5.0211	5.0158	-0.0053
2440	30	LDR Unbiased	4.985	4.9819	-0.0031
2441	30	LDR Unbiased	4.9931	4.9889	-0.0042
2443	30	LDR Unbiased	5.0111	5.0064	-0.0047
2444	30	LDR Unbiased	5.013	5.0111	-0.0019
3434	50	LDR Biased	5.0191	5.0171	-0.002
3435	50	LDR Biased	5.0018	4.997	-0.0048
3436	50	LDR Biased	4.9852	4.9795	-0.0057
3437	50	LDR Biased	4.9827	4.9801	-0.0026
3438	50	LDR Biased	5.0064	5.0043	-0.0021
3439	50	LDR Unbiased	5.0211	5.0155	-0.0056
3440	50	LDR Unbiased	4.985	4.982	-0.003
3441	50	LDR Unbiased	4.9931	4.9883	-0.0048
3443	50	LDR Unbiased	5.0111	5.008	-0.0031
3444	50	LDR Unbiased	5.013	5.0088	-0.0042
4434	100	LDR Biased	5.0191	5.0162	-0.0029
4435	100	LDR Biased	5.0018	4.9906	-0.0112
4436	100	LDR Biased	4.9852	4.976	-0.0092
4437	100	LDR Biased	4.9827	4.9747	-0.008
4438	100	LDR Biased	5.0064	5.0035	-0.0029
4439	100	LDR Unbiased	5.0211	5.01	-0.0111
4440	100	LDR Unbiased	4.985	4.9754	-0.0096
4441	100	LDR Unbiased	4.9931	4.9855	-0.0076
4443	100	LDR Unbiased	5.0111	5.0059	-0.0052
4444	100	LDR Unbiased	5.013	5.0064	-0.0066
4500	150	LDR Biased	5.0093	4.9969	-0.0124
4501	150	LDR Biased	4.9983	4.9883	-0.01
4502	150	LDR Biased	5.0173	5.0052	-0.0121
4503	150	LDR Biased	4.9859	4.9814	-0.0045
4504	150	LDR Biased	5.0186	5.0301	0.0115
4505	150	LDR Unbiased	4.9972	4.9907	-0.0065
4506	150	LDR Unbiased	5.0209	4.9629	-0.058
4507	150	LDR Unbiased	4.9927	4.9908	-0.0019
4508	150	LDR Unbiased	4.9936	4.9962	0.0026
4509	150	LDR Unbiased	5.012	5.0346	0.0226

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	4.9931	5.0021	5.0111	0.012728	4.9983	5.0039	5.0096	0.0079903	-0.0128	0.00185	0.0165	0.020718
3	4.9918	5.0073	5.0202	0.0088923	4.9928	5.0083	5.02	0.008473	-0.0002	0.0010444	0.0027	0.0010333
10	4.9918	5.0073	5.0202	0.0088923	4.9912	5.0078	5.0201	0.0087064	-0.0014	0.00051111	0.0021	0.0012584
30	4.9827	5.0019	5.0211	0.014542	4.9819	4.9997	5.0199	0.013987	-0.0053	-0.00213	0.0008	0.002243
50	4.9827	5.0019	5.0211	0.014542	4.9795	4.9981	5.0171	0.014686	-0.0057	-0.00379	-0.002	0.0014027
100	4.9827	5.0019	5.0211	0.014542	4.9747	4.9944	5.0162	0.015843	-0.0112	-0.00743	-0.0029	0.0030291
150	4.9859	5.0046	5.0209	0.012501	4.9629	4.9977	5.0346	0.021427	-0.058	-0.00687	0.0226	0.021103

Device Test: 61.10 V_BP5L PWM 5MHz VIN_12V

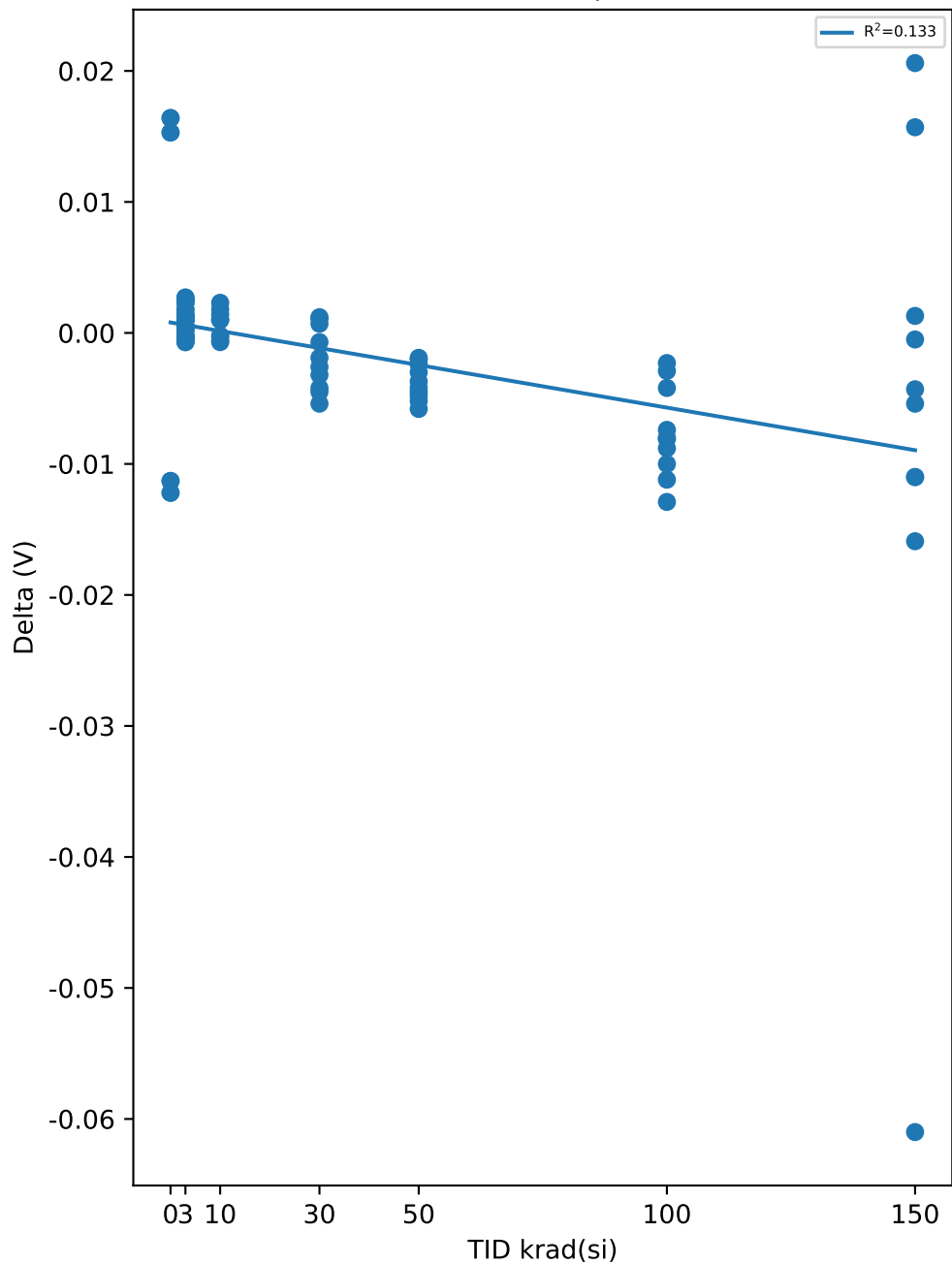
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9956	5.0109	0.0153
2	0	CORRELATION	5.0132	5.001	-0.0122
259	3	LDR Biased	5.0053	5.008	0.0027
426	3	LDR Biased	5.014	5.0142	0.0002
427	3	LDR Biased	5.0123	5.0148	0.0025
428	3	LDR Biased	5.0228	5.0225	-0.0003
429	3	LDR Unbiased	5.0013	5.0023	0.001
430	3	LDR Unbiased	4.9942	4.9955	0.0013
431	3	LDR Unbiased	5.005	5.0055	0.0005
432	3	LDR Unbiased	5.0182	5.0187	0.0005
433	3	LDR Unbiased	5.0147	5.0152	0.0005
1259	10	LDR Biased	5.0053	5.0071	0.0018
1426	10	LDR Biased	5.014	5.0133	-0.0007
1427	10	LDR Biased	5.0123	5.0146	0.0023
1428	10	LDR Biased	5.0228	5.0226	-0.0002
1429	10	LDR Unbiased	5.0013	5.0023	0.001
1430	10	LDR Unbiased	4.9942	4.9939	-0.0003
1431	10	LDR Unbiased	5.005	5.0064	0.0014
1432	10	LDR Unbiased	5.0182	5.0176	-0.0006
1433	10	LDR Unbiased	5.0147	5.0157	0.001
2434	30	LDR Biased	5.0212	5.0224	0.0012
2435	30	LDR Biased	5.0046	5.0039	-0.0007
2436	30	LDR Biased	4.9871	4.9882	0.0011
2437	30	LDR Biased	4.9849	4.9856	0.0007
2438	30	LDR Biased	5.0089	5.0063	-0.0026
2439	30	LDR Unbiased	5.0243	5.0189	-0.0054
2440	30	LDR Unbiased	4.9875	4.9843	-0.0032
2441	30	LDR Unbiased	4.9956	4.9914	-0.0042
2443	30	LDR Unbiased	5.0132	5.0087	-0.0045
2444	30	LDR Unbiased	5.0157	5.0138	-0.0019
3434	50	LDR Biased	5.0212	5.0193	-0.0019
3435	50	LDR Biased	5.0046	5.0004	-0.0042
3436	50	LDR Biased	4.9871	4.9823	-0.0048
3437	50	LDR Biased	4.9849	4.9825	-0.0024
3438	50	LDR Biased	5.0089	5.0069	-0.002
3439	50	LDR Unbiased	5.0243	5.0185	-0.0058
3440	50	LDR Unbiased	4.9875	4.9838	-0.0037
3441	50	LDR Unbiased	4.9956	4.9904	-0.0052
3443	50	LDR Unbiased	5.0132	5.0102	-0.003
3444	50	LDR Unbiased	5.0157	5.0112	-0.0045
4434	100	LDR Biased	5.0212	5.0189	-0.0023
4435	100	LDR Biased	5.0046	4.9946	-0.01
4436	100	LDR Biased	4.9871	4.979	-0.0081
4437	100	LDR Biased	4.9849	4.9769	-0.008
4438	100	LDR Biased	5.0089	5.006	-0.0029
4439	100	LDR Unbiased	5.0243	5.0114	-0.0129
4440	100	LDR Unbiased	4.9875	4.9763	-0.0112
4441	100	LDR Unbiased	4.9956	4.9868	-0.0088
4443	100	LDR Unbiased	5.0132	5.009	-0.0042
4444	100	LDR Unbiased	5.0157	5.0083	-0.0074
4500	150	LDR Biased	5.0115	5.0005	-0.011
4501	150	LDR Biased	5.0057	4.9898	-0.0159
4502	150	LDR Biased	5.0195	5.0085	-0.011
4503	150	LDR Biased	4.9882	4.9839	-0.0043
4504	150	LDR Biased	5.0214	5.0371	0.0157
4505	150	LDR Unbiased	4.9987	4.9933	-0.0054
4506	150	LDR Unbiased	5.0227	4.9617	-0.061
4507	150	LDR Unbiased	4.9952	4.9947	-0.0005
4508	150	LDR Unbiased	4.9974	4.9987	0.0013
4509	150	LDR Unbiased	5.0186	5.0392	0.0206

TID vs Post - Pre Exposure Delta

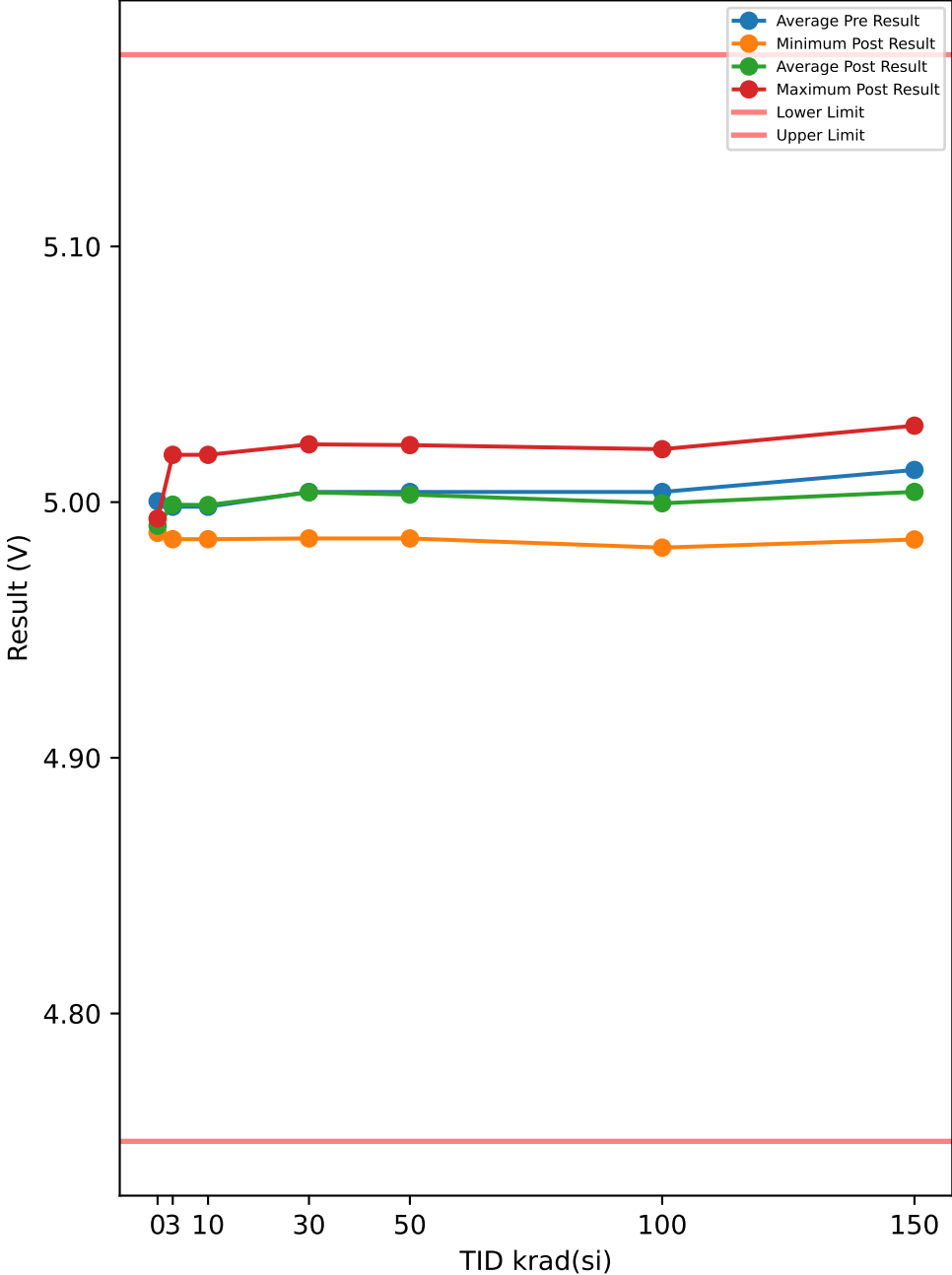


Test Statistics (V)

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	4.9956	5.0044	5.0132	0.012445	5.001	5.006	5.0109	0.0070004	-0.0122	0.00155	0.0153	0.019445
3	4.9942	5.0098	5.0228	0.0089885	4.9955	5.0107	5.0225	0.0085766	-0.0003	0.00098889	0.0027	0.0010191
10	4.9942	5.0098	5.0228	0.0089885	4.9939	5.0104	5.0226	0.0088003	-0.0007	0.00063333	0.0023	0.0011102
30	4.9849	5.0043	5.0243	0.014705	4.9843	5.0023	5.0224	0.01411	-0.0054	-0.00195	0.0012	0.0024328
50	4.9849	5.0043	5.0243	0.014705	4.9823	5.0005	5.0193	0.014769	-0.0058	-0.00375	-0.0019	0.0013762
100	4.9849	5.0043	5.0243	0.014705	4.9763	4.9967	5.0189	0.016004	-0.0129	-0.00758	-0.0023	0.003503
150	4.9882	5.0079	5.0227	0.012527	4.9617	5.0007	5.0392	0.023297	-0.061	-0.00715	0.0206	0.022174

Device Test: 61.11 V_BP5H PWM 5MHz VIN_12V

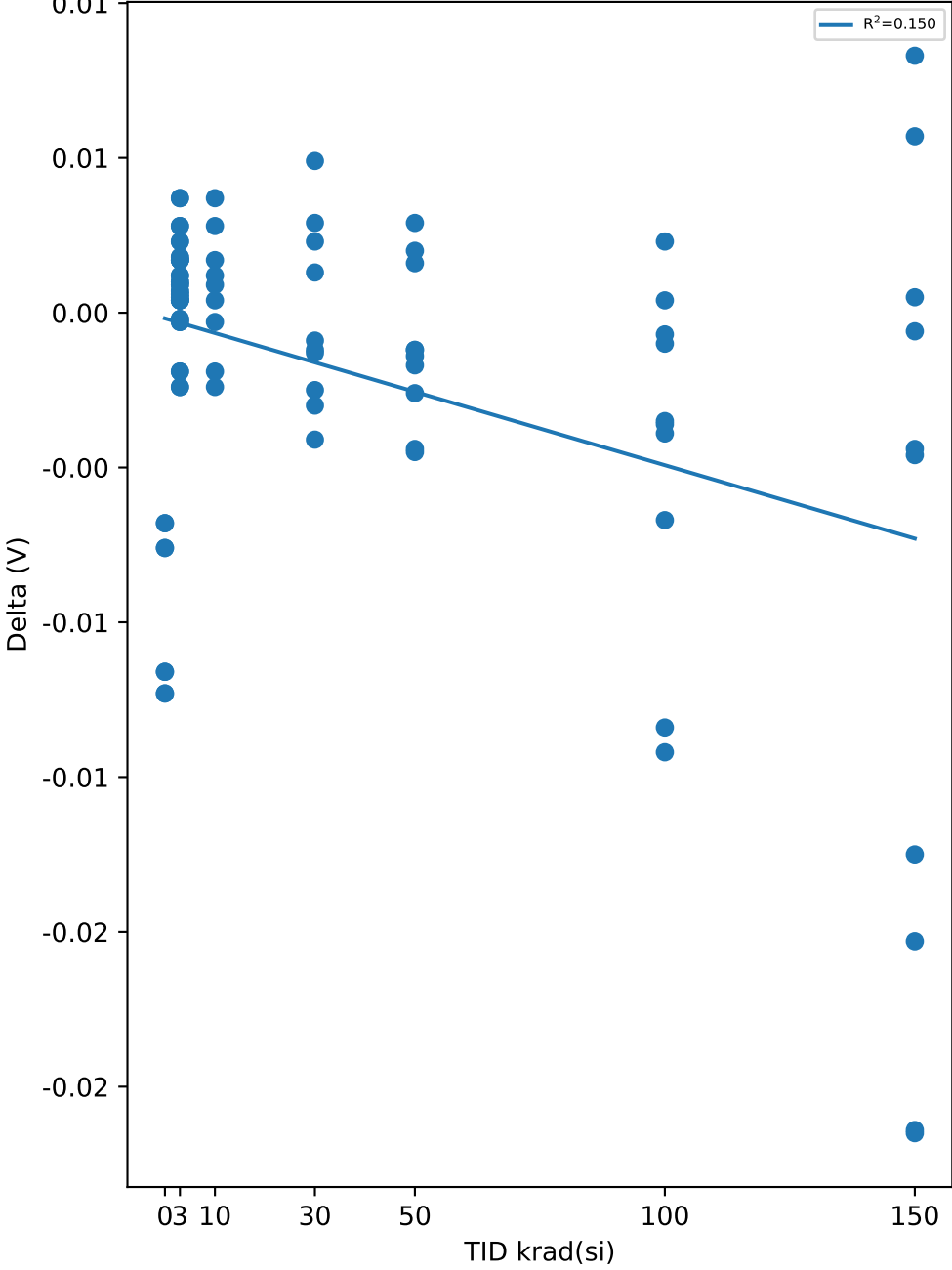
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0004	4.9928	-0.0076
2	0	CORRELATION	5.0003	4.988	-0.0123
259	3	LDR Biased	5.0157	5.0155	-0.0002
426	3	LDR Biased	4.9997	5.0004	0.0007
427	3	LDR Biased	4.9922	4.9928	0.0006
428	3	LDR Biased	4.9857	4.9861	0.0004
429	3	LDR Unbiased	4.9874	4.9897	0.0023
430	3	LDR Unbiased	5.0091	5.0109	0.0018
431	3	LDR Unbiased	5.0067	5.0084	0.0017
432	3	LDR Unbiased	4.9947	4.9952	0.0005
433	3	LDR Unbiased	4.9925	4.9935	0.001
1259	10	LDR Biased	5.0157	5.0185	0.0028
1426	10	LDR Biased	4.9997	4.9994	-0.0003
1427	10	LDR Biased	4.9922	4.9934	0.0012
1428	10	LDR Biased	4.9857	4.9861	0.0004
1429	10	LDR Unbiased	4.9874	4.9855	-0.0019
1430	10	LDR Unbiased	5.0091	5.0108	0.0017
1431	10	LDR Unbiased	5.0067	5.0043	-0.0024
1432	10	LDR Unbiased	4.9947	4.9984	0.0037
1433	10	LDR Unbiased	4.9925	4.9934	0.0009
2434	30	LDR Biased	4.9979	5.0028	0.0049
2435	30	LDR Biased	5.0135	5.0126	-0.0009
2436	30	LDR Biased	4.9893	4.9922	0.0029
2437	30	LDR Biased	5.0215	5.0185	-0.003
2438	30	LDR Biased	4.987	4.9858	-0.0012
2439	30	LDR Unbiased	4.9956	4.9943	-0.0013
2440	30	LDR Unbiased	5.014	5.0153	0.0013
2441	30	LDR Unbiased	5.0004	4.9963	-0.0041
2443	30	LDR Unbiased	5.0003	4.9978	-0.0025
2444	30	LDR Unbiased	5.0203	5.0226	0.0023
3434	50	LDR Biased	4.9979	5.0008	0.0029
3435	50	LDR Biased	5.0135	5.0109	-0.0026
3436	50	LDR Biased	4.9893	4.9909	0.0016
3437	50	LDR Biased	5.0215	5.0171	-0.0044
3438	50	LDR Biased	4.987	4.9858	-0.0012
3439	50	LDR Unbiased	4.9956	4.9944	-0.0012
3440	50	LDR Unbiased	5.014	5.0123	-0.0017
3441	50	LDR Unbiased	5.0004	4.9959	-0.0045
3443	50	LDR Unbiased	5.0003	4.9989	-0.0014
3444	50	LDR Unbiased	5.0203	5.0223	0.002
4434	100	LDR Biased	4.9979	5.0002	0.0023
4435	100	LDR Biased	5.0135	5.01	-0.0035
4436	100	LDR Biased	4.9893	4.9857	-0.0036
4437	100	LDR Biased	5.0215	5.0148	-0.0067
4438	100	LDR Biased	4.987	4.9831	-0.0039
4439	100	LDR Unbiased	4.9956	4.9822	-0.0134
4440	100	LDR Unbiased	5.014	4.9998	-0.0142
4441	100	LDR Unbiased	5.0004	4.9994	-0.001
4443	100	LDR Unbiased	5.0003	4.9996	-0.0007
4444	100	LDR Unbiased	5.0203	5.0207	0.0004
4500	150	LDR Biased	5.0029	4.9854	-0.0175
4501	150	LDR Biased	5.003	4.9984	-0.0046
4502	150	LDR Biased	5.02	5.0156	-0.0044
4503	150	LDR Biased	5.0047	5.0041	-0.0006
4504	150	LDR Biased	5.0152	4.9949	-0.0203
4505	150	LDR Unbiased	5.0242	4.9978	-0.0264
4506	150	LDR Unbiased	5.0172	4.9907	-0.0265
4507	150	LDR Unbiased	5.0233	5.0238	0.0005
4508	150	LDR Unbiased	5.0216	5.0299	0.0083
4509	150	LDR Unbiased	4.9938	4.9995	0.0057

TID vs Post - Pre Exposure Delta

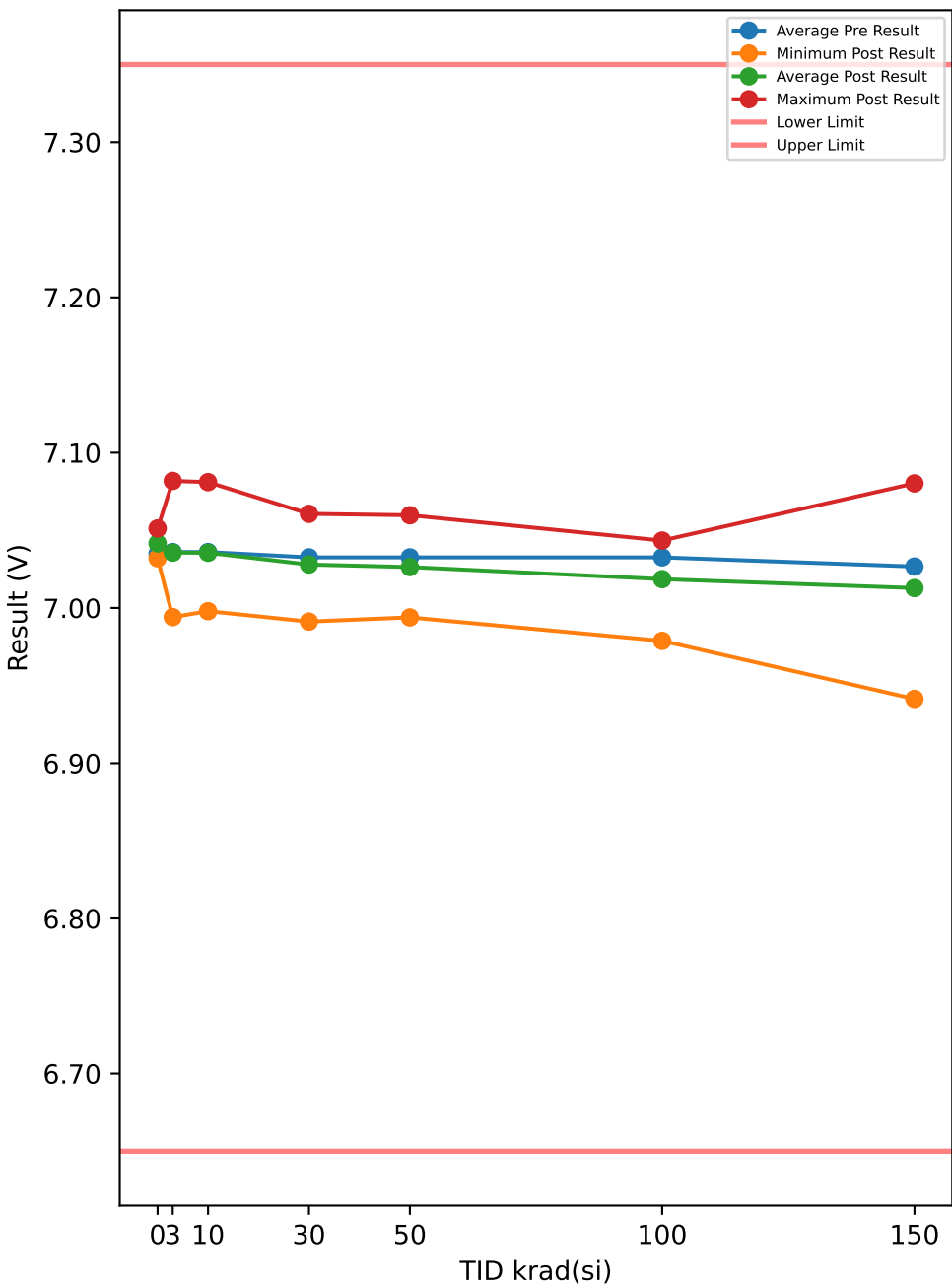


Test Statistics (V)

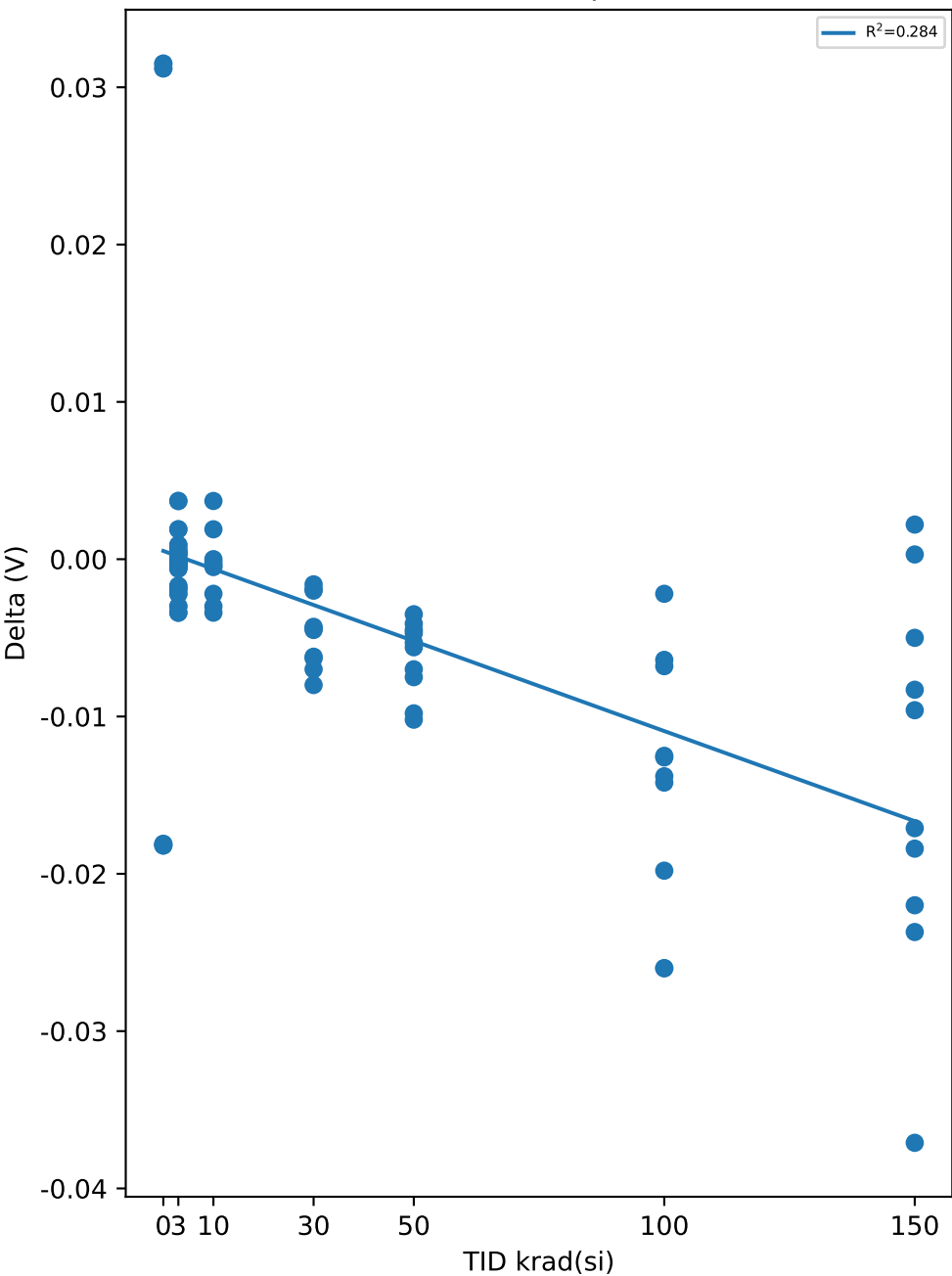
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.0003	5.0004	5.0004	7.0711e-05	4.988	4.9904	4.9928	0.0033941	-0.0123	-0.00995	-0.0076	0.0033234
3	4.9857	4.9982	5.0157	0.010327	4.9861	4.9992	5.0155	0.010247	-0.0002	0.00097778	0.0023	0.00079965
10	4.9857	4.9982	5.0157	0.010327	4.9855	4.9989	5.0185	0.010951	-0.0024	0.00067778	0.0037	0.0020049
30	4.987	5.004	5.0215	0.01248	4.9858	5.0038	5.0226	0.012567	-0.0041	-0.00016	0.0049	0.0028895
50	4.987	5.004	5.0215	0.01248	4.9858	5.0029	5.0223	0.012057	-0.0045	-0.00105	0.0029	0.0025396
100	4.987	5.004	5.0215	0.01248	4.9822	4.9996	5.0207	0.013136	-0.0142	-0.00443	0.0023	0.0055498
150	4.9938	5.0126	5.0242	0.010619	4.9854	5.004	5.0299	0.014503	-0.0265	-0.00858	0.0083	0.013012

Device Test: 61.12 V_BP7L IIM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

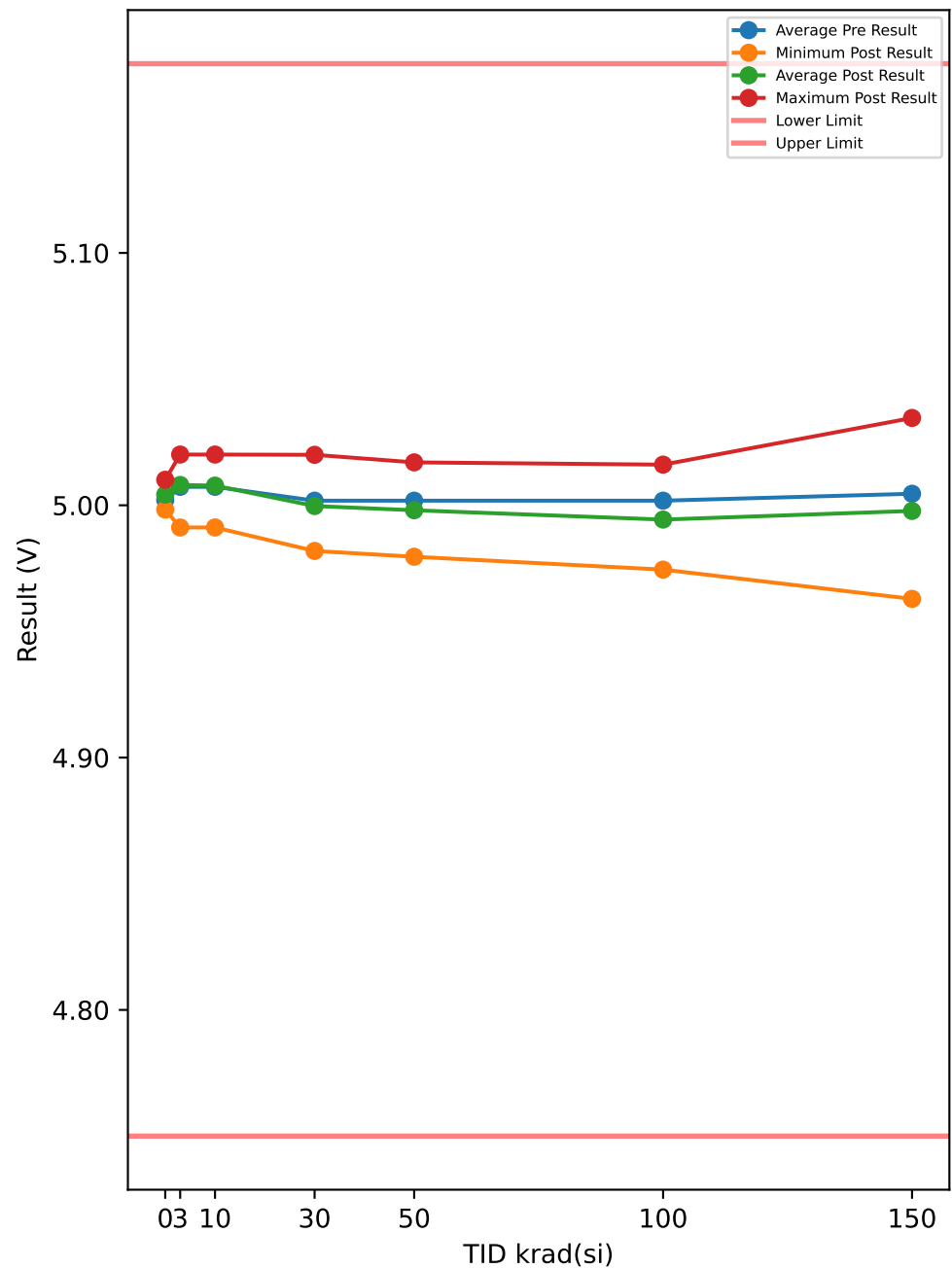
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0502	7.0321	-0.0181
2	0	CORRELATION	7.0197	7.0509	0.0312
259	3	LDR Biased	7.0815	7.0818	0.0003
426	3	LDR Biased	7.02	7.0204	0.0004
427	3	LDR Biased	7.063	7.0636	0.0006
428	3	LDR Biased	7.045	7.0444	-0.0006
429	3	LDR Unbiased	7.0393	7.039	-0.0003
430	3	LDR Unbiased	7.012	7.0119	-0.0001
431	3	LDR Unbiased	6.996	6.9941	-0.0019
432	3	LDR Unbiased	7.042	7.0403	-0.0017
433	3	LDR Unbiased	7.0249	7.0258	0.0009
1259	10	LDR Biased	7.0815	7.081	-0.0005
1426	10	LDR Biased	7.02	7.0198	-0.0002
1427	10	LDR Biased	7.063	7.0608	-0.0022
1428	10	LDR Biased	7.045	7.045	0
1429	10	LDR Unbiased	7.0393	7.0389	-0.0004
1430	10	LDR Unbiased	7.012	7.009	-0.003
1431	10	LDR Unbiased	6.996	6.9979	0.0019
1432	10	LDR Unbiased	7.042	7.0386	-0.0034
1433	10	LDR Unbiased	7.0249	7.0286	0.0037
2434	30	LDR Biased	7.0112	7.0092	-0.002
2435	30	LDR Biased	7.0439	7.0359	-0.008
2436	30	LDR Biased	7.065	7.0606	-0.0044
2437	30	LDR Biased	7.0521	7.0505	-0.0016
2438	30	LDR Biased	7.0598	7.0535	-0.0063
2439	30	LDR Unbiased	6.9974	6.9912	-0.0062
2440	30	LDR Unbiased	6.9986	6.9967	-0.0019
2441	30	LDR Unbiased	7.0502	7.0432	-0.007
2443	30	LDR Unbiased	7.0197	7.0154	-0.0043
2444	30	LDR Unbiased	7.0278	7.0233	-0.0045
3434	50	LDR Biased	7.0112	7.0037	-0.0075
3435	50	LDR Biased	7.0439	7.0341	-0.0098
3436	50	LDR Biased	7.065	7.0597	-0.0053
3437	50	LDR Biased	7.0521	7.048	-0.0041
3438	50	LDR Biased	7.0598	7.0496	-0.0102
3439	50	LDR Unbiased	6.9974	6.9939	-0.0035
3440	50	LDR Unbiased	6.9986	6.9941	-0.0045
3441	50	LDR Unbiased	7.0502	7.0446	-0.0056
3443	50	LDR Unbiased	7.0197	7.015	-0.0047
3444	50	LDR Unbiased	7.0278	7.0208	-0.007
4434	100	LDR Biased	7.0112	6.9987	-0.0125
4435	100	LDR Biased	7.0439	7.0301	-0.0138
4436	100	LDR Biased	7.065	7.039	-0.026
4437	100	LDR Biased	7.0521	7.0379	-0.0142
4438	100	LDR Biased	7.0598	7.0338	-0.026
4439	100	LDR Unbiased	6.9974	6.991	-0.0064
4440	100	LDR Unbiased	6.9986	6.9788	-0.0198
4441	100	LDR Unbiased	7.0502	7.0434	-0.0068
4443	100	LDR Unbiased	7.0197	7.0175	-0.0022
4444	100	LDR Unbiased	7.0278	7.0152	-0.0126
4500	150	LDR Biased	7.0374	7.0137	-0.0237
4501	150	LDR Biased	7.0168	7.0085	-0.0083
4502	150	LDR Biased	6.9905	6.9721	-0.0184
4503	150	LDR Biased	7.05	7.0522	0.0022
4504	150	LDR Biased	6.9634	6.9414	-0.022
4505	150	LDR Unbiased	7.0046	7.0049	0.0003
4506	150	LDR Unbiased	7.0337	7.0166	-0.0171
4507	150	LDR Unbiased	7.0898	7.0802	-0.0096
4508	150	LDR Unbiased	7.0242	6.9871	-0.0371
4509	150	LDR Unbiased	7.0563	7.0513	-0.005

Test Statistics (V)

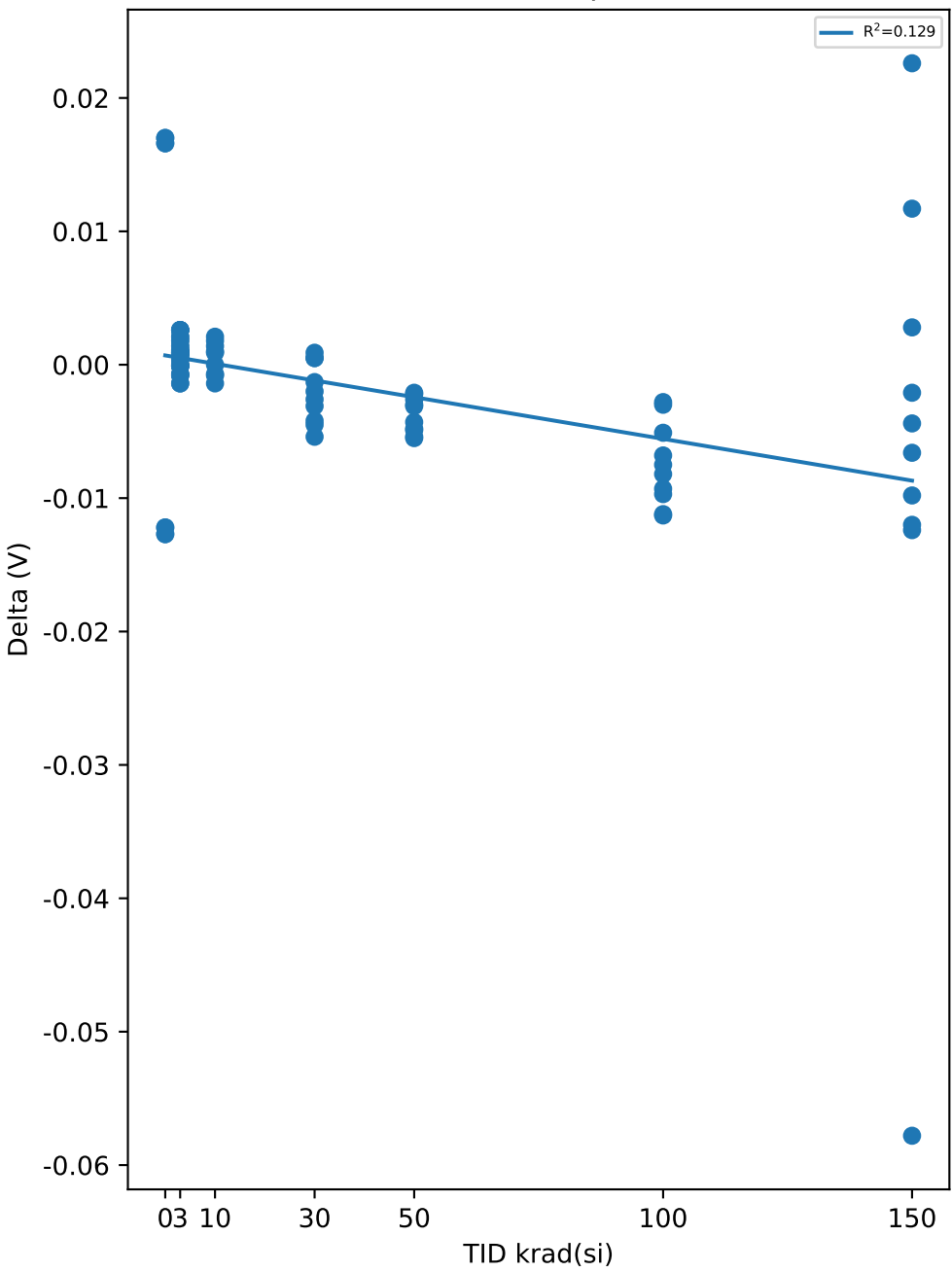
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0197	7.035	7.0502	0.021567	7.0321	7.0415	7.0509	0.013294	-0.0181	0.00655	0.0312	0.03486
3	6.996	7.036	7.0815	0.026178	6.9941	7.0357	7.0818	0.026553	-0.0019	-0.00026667	0.0009	0.00098362
10	6.996	7.036	7.0815	0.026178	6.9979	7.0355	7.081	0.025573	-0.0034	-0.00045556	0.0037	0.0022716
30	6.9974	7.0326	7.065	0.025055	6.9912	7.0279	7.0606	0.024452	-0.008	-0.00462	-0.0016	0.0022597
50	6.9974	7.0326	7.065	0.025055	6.9939	7.0263	7.0597	0.024222	-0.0102	-0.00622	-0.0035	0.0023404
100	6.9974	7.0326	7.065	0.025055	6.9788	7.0185	7.0434	0.022414	-0.026	-0.01403	-0.0022	0.0079914
150	6.9634	7.0267	7.0898	0.035706	6.9414	7.0128	7.0802	0.040945	-0.0371	-0.01387	0.0022	0.012112

Device Test: 61.13 V_BP5L IIM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

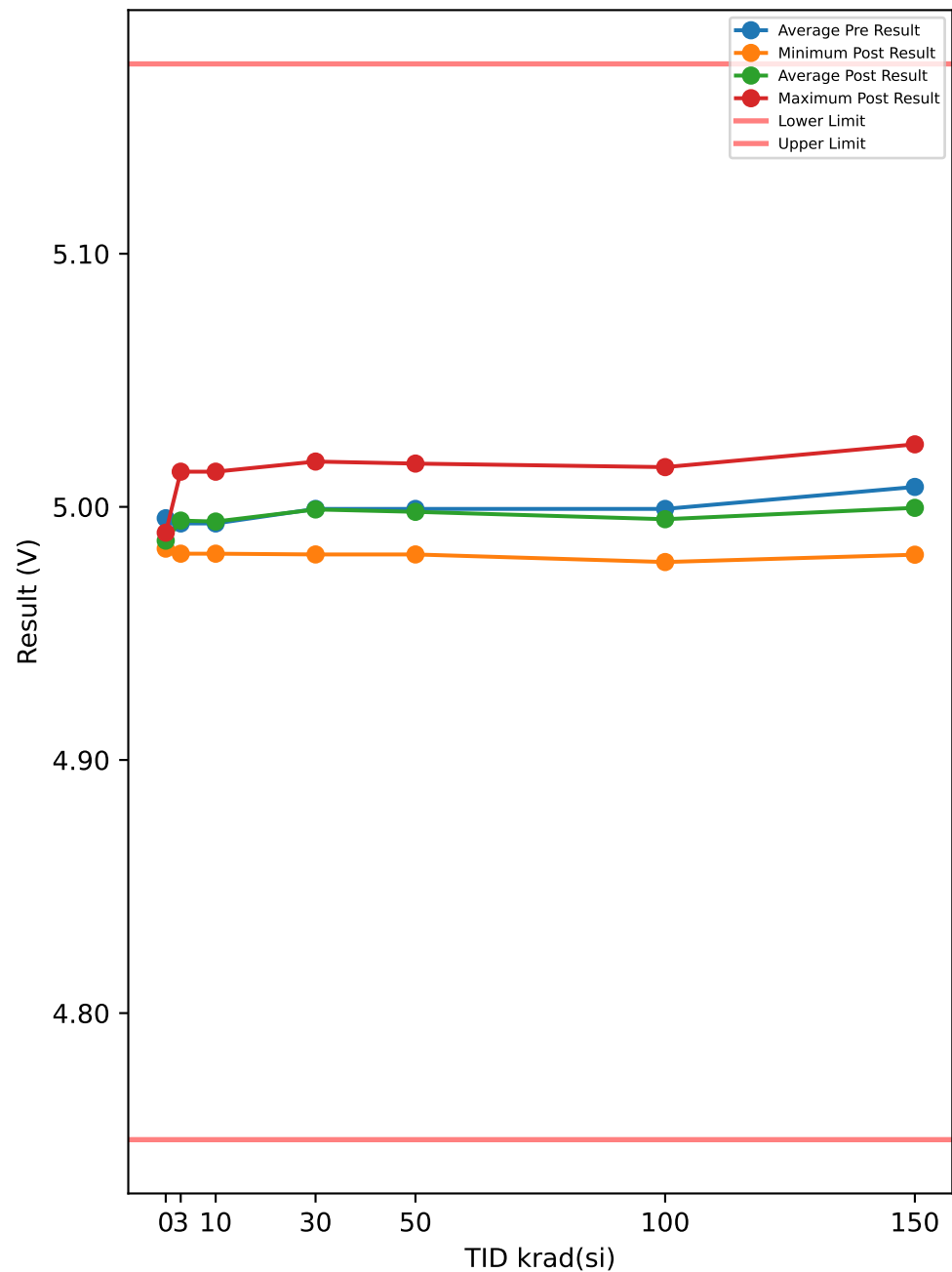
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9931	5.0097	0.0166
2	0	CORRELATION	5.011	4.9983	-0.0127
259	3	LDR Biased	5.0034	5.006	0.0026
426	3	LDR Biased	5.0118	5.0117	-0.0001
427	3	LDR Biased	5.0093	5.0119	0.0026
428	3	LDR Biased	5.0201	5.02	-0.0001
429	3	LDR Unbiased	4.9988	4.9999	0.0011
430	3	LDR Unbiased	4.9919	4.9927	0.0008
431	3	LDR Unbiased	5.0028	5.0037	0.0009
432	3	LDR Unbiased	5.0154	5.0161	0.0007
433	3	LDR Unbiased	5.0123	5.0127	0.0004
1259	10	LDR Biased	5.0034	5.0052	0.0018
1426	10	LDR Biased	5.0118	5.0104	-0.0014
1427	10	LDR Biased	5.0093	5.0114	0.0021
1428	10	LDR Biased	5.0201	5.0201	0
1429	10	LDR Unbiased	4.9988	4.9998	0.001
1430	10	LDR Unbiased	4.9919	4.9912	-0.0007
1431	10	LDR Unbiased	5.0028	5.0042	0.0014
1432	10	LDR Unbiased	5.0154	5.0146	-0.0008
1433	10	LDR Unbiased	5.0123	5.0132	0.0009
2434	30	LDR Biased	5.0191	5.02	0.0009
2435	30	LDR Biased	5.0018	5.0005	-0.0013
2436	30	LDR Biased	4.9851	4.9856	0.0005
2437	30	LDR Biased	4.9827	4.9832	0.0005
2438	30	LDR Biased	5.0064	5.0038	-0.0026
2439	30	LDR Unbiased	5.021	5.0156	-0.0054
2440	30	LDR Unbiased	4.985	4.9819	-0.0031
2441	30	LDR Unbiased	4.9931	4.9889	-0.0042
2443	30	LDR Unbiased	5.011	5.0065	-0.0045
2444	30	LDR Unbiased	5.013	5.011	-0.002
3434	50	LDR Biased	5.0191	5.017	-0.0021
3435	50	LDR Biased	5.0018	4.9969	-0.0049
3436	50	LDR Biased	4.9851	4.9796	-0.0055
3437	50	LDR Biased	4.9827	4.9801	-0.0026
3438	50	LDR Biased	5.0064	5.0042	-0.0022
3439	50	LDR Unbiased	5.021	5.0156	-0.0054
3440	50	LDR Unbiased	4.985	4.982	-0.003
3441	50	LDR Unbiased	4.9931	4.9883	-0.0048
3443	50	LDR Unbiased	5.011	5.0079	-0.0031
3444	50	LDR Unbiased	5.013	5.0087	-0.0043
4434	100	LDR Biased	5.0191	5.0161	-0.003
4435	100	LDR Biased	5.0018	4.9905	-0.0113
4436	100	LDR Biased	4.9851	4.9758	-0.0093
4437	100	LDR Biased	4.9827	4.9745	-0.0082
4438	100	LDR Biased	5.0064	5.0036	-0.0028
4439	100	LDR Unbiased	5.021	5.0098	-0.0112
4440	100	LDR Unbiased	4.985	4.9753	-0.0097
4441	100	LDR Unbiased	4.9931	4.9856	-0.0075
4443	100	LDR Unbiased	5.011	5.0059	-0.0051
4444	100	LDR Unbiased	5.013	5.0062	-0.0068
4500	150	LDR Biased	5.0092	4.9968	-0.0124
4501	150	LDR Biased	4.9982	4.9884	-0.0098
4502	150	LDR Biased	5.0173	5.0053	-0.012
4503	150	LDR Biased	4.9859	4.9815	-0.0044
4504	150	LDR Biased	5.0186	5.0303	0.0117
4505	150	LDR Unbiased	4.9973	4.9907	-0.0066
4506	150	LDR Unbiased	5.0207	4.9629	-0.0578
4507	150	LDR Unbiased	4.9929	4.9908	-0.0021
4508	150	LDR Unbiased	4.9935	4.9963	0.0028
4509	150	LDR Unbiased	5.012	5.0346	0.0226

Test Statistics (V)

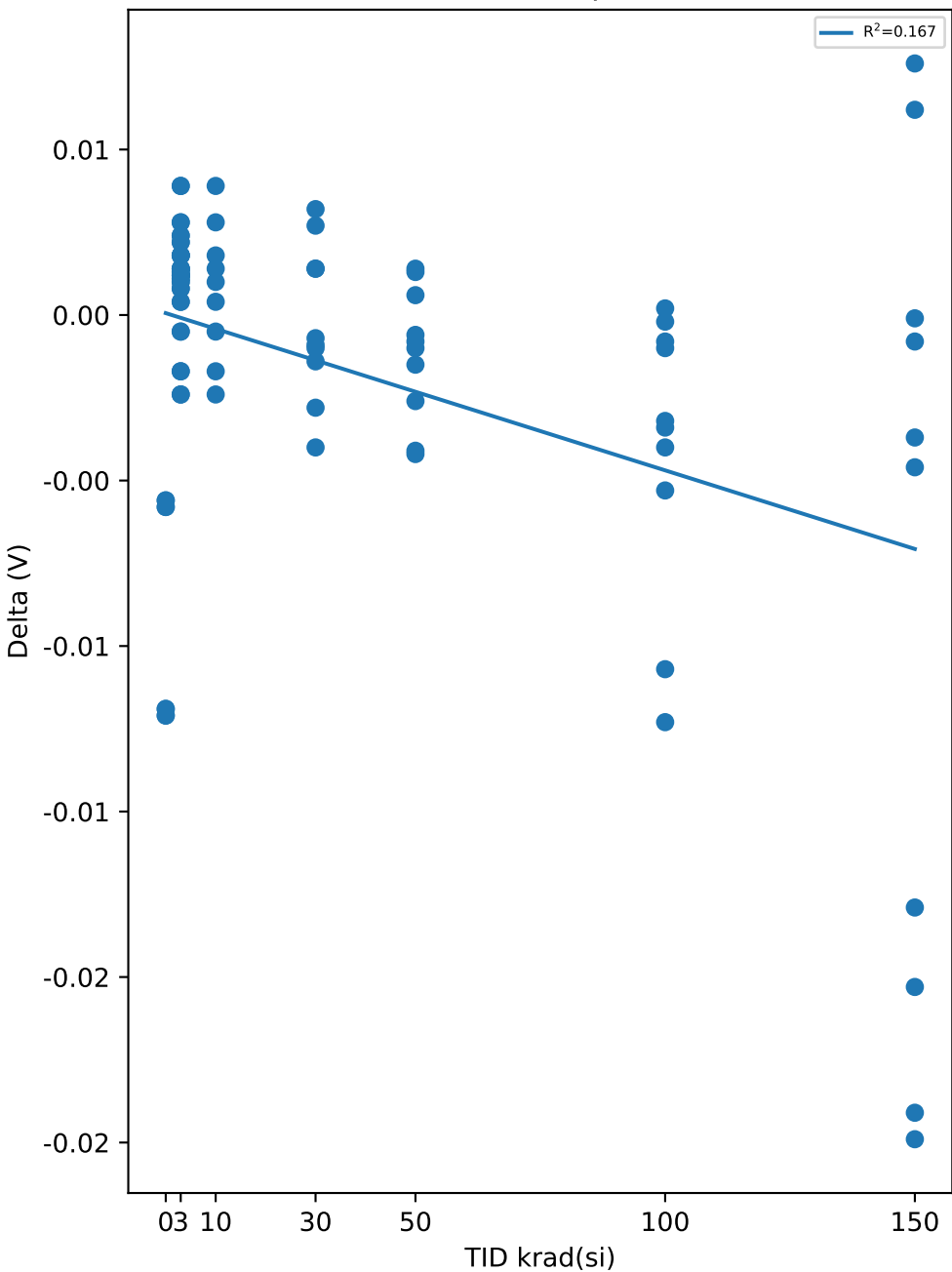
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9931	5.0021	5.011	0.012657	4.9983	5.004	5.0097	0.008061	-0.0127	0.00195	0.0166	0.020718
3	4.9919	5.0073	5.0201	0.0088287	4.9927	5.0083	5.02	0.0085292	-0.0001	0.00098889	0.0026	0.0010031
10	4.9919	5.0073	5.0201	0.0088287	4.9912	5.0078	5.0201	0.0087012	-0.0014	0.00047778	0.0021	0.0012478
30	4.9827	5.0018	5.021	0.014533	4.9819	4.9997	5.02	0.013987	-0.0054	-0.00212	0.0009	0.0022479
50	4.9827	5.0018	5.021	0.014533	4.9796	4.998	5.017	0.014651	-0.0055	-0.00379	-0.0021	0.0013304
100	4.9827	5.0018	5.021	0.014533	4.9745	4.9943	5.0161	0.015859	-0.0113	-0.00749	-0.0028	0.0030784
150	4.9859	5.0046	5.0207	0.012456	4.9629	4.9978	5.0346	0.021451	-0.0578	-0.0068	0.0226	0.021069

Device Test: 61.14 V_BP5H IIM 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

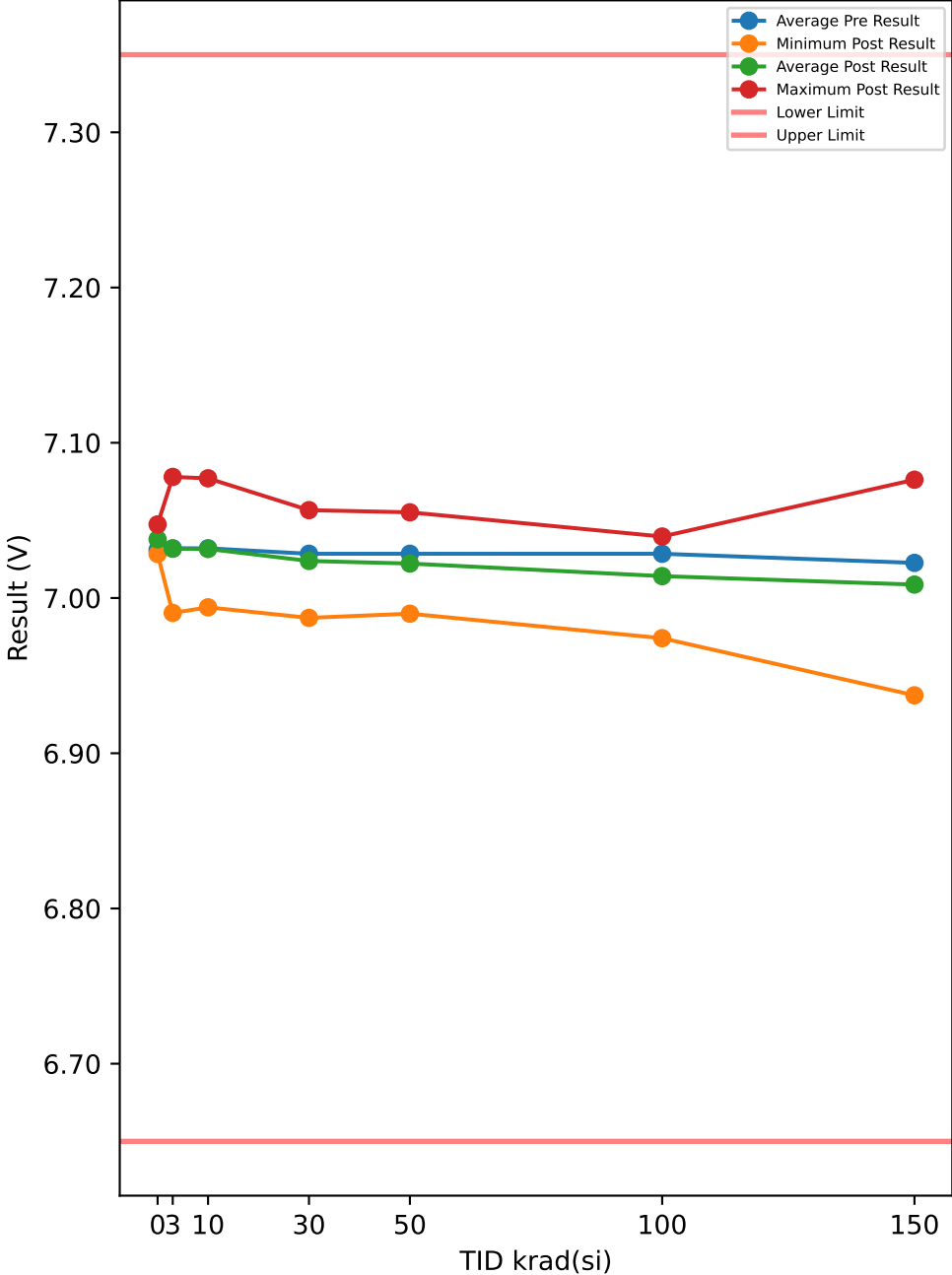
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9954	4.9896	-0.0058
2	0	CORRELATION	4.9956	4.9835	-0.0121
259	3	LDR Biased	5.0111	5.0119	0.0008
426	3	LDR Biased	4.9949	4.9961	0.0012
427	3	LDR Biased	4.9871	4.9883	0.0012
428	3	LDR Biased	4.9811	4.9822	0.0011
429	3	LDR Unbiased	4.9839	4.9852	0.0013
430	3	LDR Unbiased	5.0039	5.0063	0.0024
431	3	LDR Unbiased	5.0014	5.0036	0.0022
432	3	LDR Unbiased	4.9899	4.9917	0.0018
433	3	LDR Unbiased	4.9878	4.9892	0.0014
1259	10	LDR Biased	5.0111	5.0139	0.0028
1426	10	LDR Biased	4.9949	4.9944	-0.0005
1427	10	LDR Biased	4.9871	4.9885	0.0014
1428	10	LDR Biased	4.9811	4.9815	0.0004
1429	10	LDR Unbiased	4.9839	4.9822	-0.0017
1430	10	LDR Unbiased	5.0039	5.0057	0.0018
1431	10	LDR Unbiased	5.0014	4.999	-0.0024
1432	10	LDR Unbiased	4.9899	4.9938	0.0039
1433	10	LDR Unbiased	4.9878	4.9888	0.001
2434	30	LDR Biased	4.9944	4.9976	0.0032
2435	30	LDR Biased	5.0085	5.0078	-0.0007
2436	30	LDR Biased	4.9846	4.9873	0.0027
2437	30	LDR Biased	5.0167	5.0139	-0.0028
2438	30	LDR Biased	4.9822	4.9812	-0.001
2439	30	LDR Unbiased	4.9898	4.9889	-0.0009
2440	30	LDR Unbiased	5.0082	5.0096	0.0014
2441	30	LDR Unbiased	4.9954	4.9914	-0.004
2443	30	LDR Unbiased	4.9956	4.9942	-0.0014
2444	30	LDR Unbiased	5.0165	5.0179	0.0014
3434	50	LDR Biased	4.9944	4.9957	0.0013
3435	50	LDR Biased	5.0085	5.0059	-0.0026
3436	50	LDR Biased	4.9846	4.986	0.0014
3437	50	LDR Biased	5.0167	5.0126	-0.0041
3438	50	LDR Biased	4.9822	4.9812	-0.001
3439	50	LDR Unbiased	4.9898	4.989	-0.0008
3440	50	LDR Unbiased	5.0082	5.0067	-0.0015
3441	50	LDR Unbiased	4.9954	4.9912	-0.0042
3443	50	LDR Unbiased	4.9956	4.995	-0.0006
3444	50	LDR Unbiased	5.0165	5.0171	0.0006
4434	100	LDR Biased	4.9944	4.9946	0.0002
4435	100	LDR Biased	5.0085	5.0053	-0.0032
4436	100	LDR Biased	4.9846	4.9812	-0.0034
4437	100	LDR Biased	5.0167	5.0114	-0.0053
4438	100	LDR Biased	4.9822	4.9782	-0.004
4439	100	LDR Unbiased	4.9898	4.9791	-0.0107
4440	100	LDR Unbiased	5.0082	4.9959	-0.0123
4441	100	LDR Unbiased	4.9954	4.9952	-0.0002
4443	100	LDR Unbiased	4.9956	4.9946	-0.001
4444	100	LDR Unbiased	5.0165	5.0157	-0.0008
4500	150	LDR Biased	4.999	4.9811	-0.0179
4501	150	LDR Biased	4.9976	4.9939	-0.0037
4502	150	LDR Biased	5.0144	5.0098	-0.0046
4503	150	LDR Biased	4.9992	4.9991	-0.0001
4504	150	LDR Biased	5.011	4.9907	-0.0203
4505	150	LDR Unbiased	5.0202	4.9961	-0.0241
4506	150	LDR Unbiased	5.0129	4.988	-0.0249
4507	150	LDR Unbiased	5.0188	5.018	-0.0008
4508	150	LDR Unbiased	5.0171	5.0247	0.0076
4509	150	LDR Unbiased	4.9885	4.9947	0.0062

Test Statistics (V)

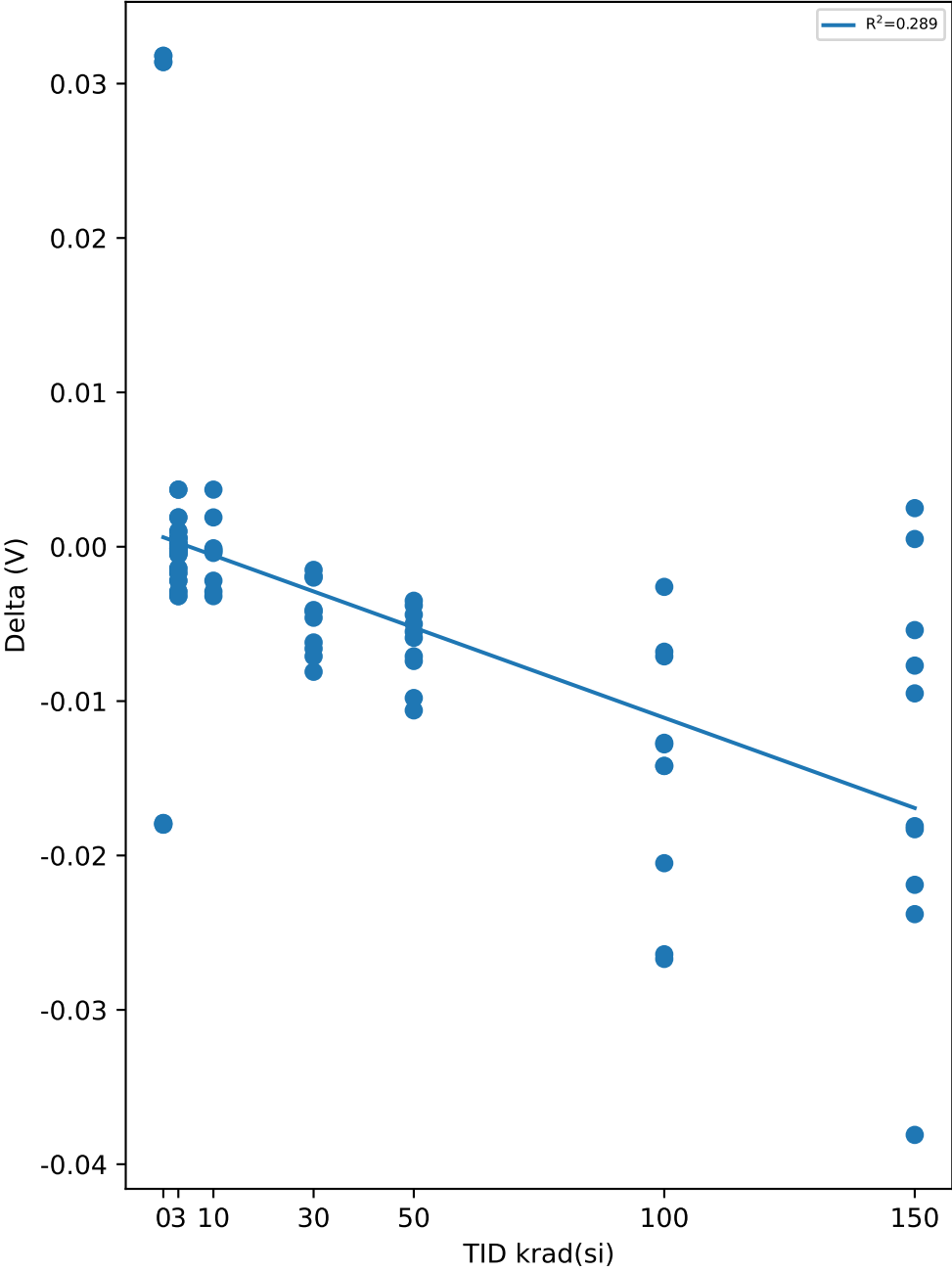
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9954	4.9955	4.9956	0.00014142	4.9835	4.9866	4.9896	0.0043134	-0.0121	-0.00895	-0.0058	0.0044548
3	4.9811	4.9935	5.0111	0.010091	4.9822	4.9949	5.0119	0.010233	0.0008	0.0014889	0.0024	0.00053255
10	4.9811	4.9935	5.0111	0.010091	4.9815	4.9942	5.0139	0.010668	-0.0024	0.00074444	0.0039	0.0020409
30	4.9822	4.9992	5.0167	0.012534	4.9812	4.999	5.0179	0.012506	-0.004	-0.00021	0.0032	0.0023359
50	4.9822	4.9992	5.0167	0.012534	4.9812	4.998	5.0171	0.011943	-0.0042	-0.00115	0.0014	0.0020068
100	4.9822	4.9992	5.0167	0.012534	4.9782	4.9951	5.0157	0.013039	-0.0123	-0.00407	0.0002	0.0043172
150	4.9885	5.0079	5.0202	0.010898	4.9811	4.9996	5.0247	0.013734	-0.0249	-0.00826	0.0076	0.012395

Device Test: 61.15 V_BP7L IIM 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

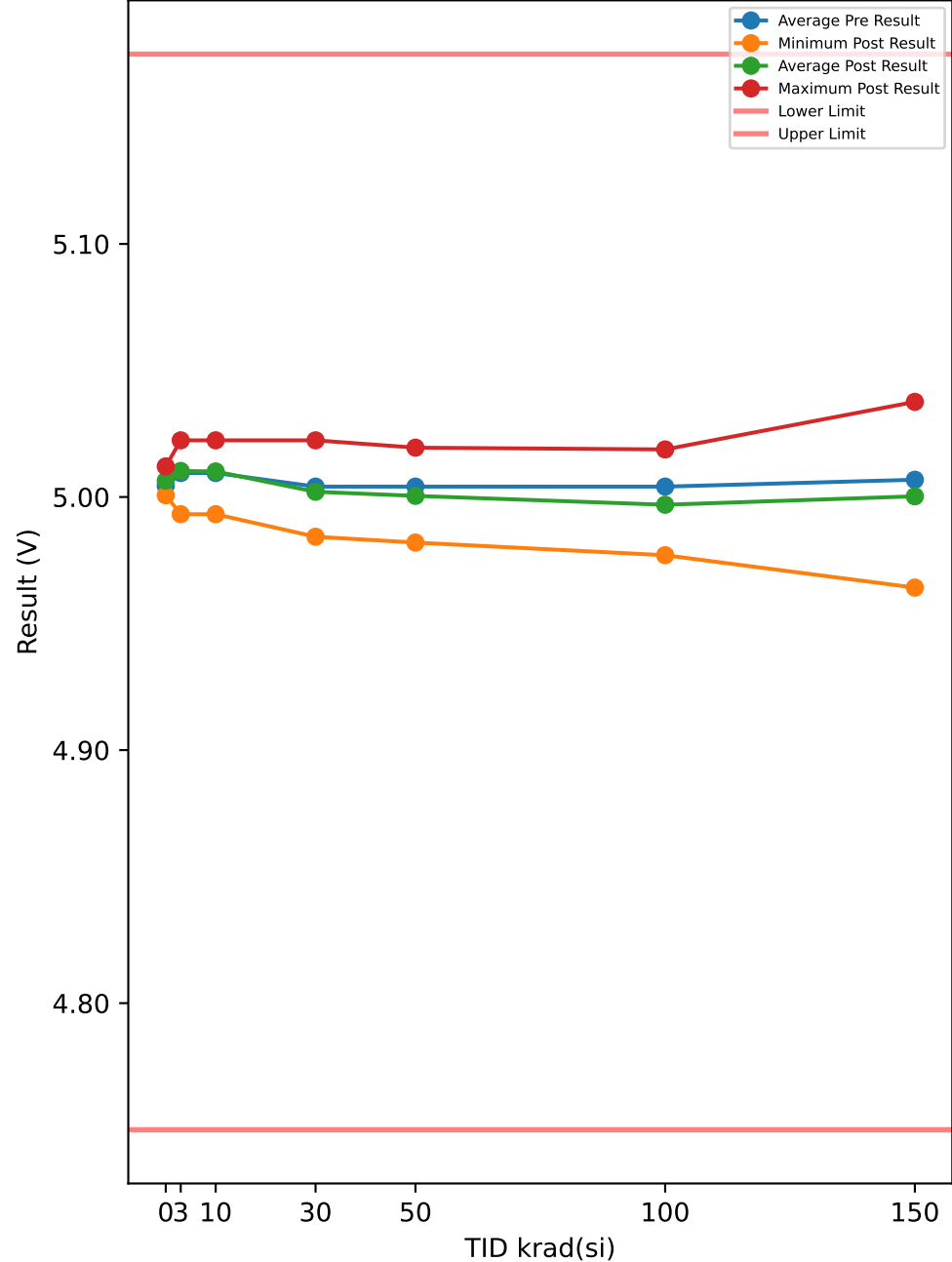
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0464	7.0285	-0.0179
2	0	CORRELATION	7.0156	7.047	0.0314
259	3	LDR Biased	7.0775	7.078	0.0005
426	3	LDR Biased	7.0163	7.0165	0.0002
427	3	LDR Biased	7.059	7.0596	0.0006
428	3	LDR Biased	7.041	7.0405	-0.0005
429	3	LDR Unbiased	7.0352	7.0351	-0.0001
430	3	LDR Unbiased	7.008	7.0082	0.0002
431	3	LDR Unbiased	6.9921	6.9904	-0.0017
432	3	LDR Unbiased	7.038	7.0366	-0.0014
433	3	LDR Unbiased	7.021	7.022	0.001
1259	10	LDR Biased	7.0775	7.0771	-0.0004
1426	10	LDR Biased	7.0163	7.016	-0.0003
1427	10	LDR Biased	7.059	7.0568	-0.0022
1428	10	LDR Biased	7.041	7.0409	-0.0001
1429	10	LDR Unbiased	7.0352	7.035	-0.0002
1430	10	LDR Unbiased	7.008	7.0051	-0.0029
1431	10	LDR Unbiased	6.9921	6.994	0.0019
1432	10	LDR Unbiased	7.038	7.0348	-0.0032
1433	10	LDR Unbiased	7.021	7.0247	0.0037
2434	30	LDR Biased	7.0072	7.0052	-0.002
2435	30	LDR Biased	7.0397	7.0316	-0.0081
2436	30	LDR Biased	7.0607	7.0566	-0.0041
2437	30	LDR Biased	7.0479	7.0464	-0.0015
2438	30	LDR Biased	7.0557	7.0491	-0.0066
2439	30	LDR Unbiased	6.9934	6.9872	-0.0062
2440	30	LDR Unbiased	6.9946	6.9927	-0.0019
2441	30	LDR Unbiased	7.0464	7.0393	-0.0071
2443	30	LDR Unbiased	7.0156	7.0114	-0.0042
2444	30	LDR Unbiased	7.0238	7.0192	-0.0046
3434	50	LDR Biased	7.0072	6.9998	-0.0074
3435	50	LDR Biased	7.0397	7.0299	-0.0098
3436	50	LDR Biased	7.0607	7.0552	-0.0055
3437	50	LDR Biased	7.0479	7.0441	-0.0038
3438	50	LDR Biased	7.0557	7.0451	-0.0106
3439	50	LDR Unbiased	6.9934	6.9899	-0.0035
3440	50	LDR Unbiased	6.9946	6.9902	-0.0044
3441	50	LDR Unbiased	7.0464	7.0405	-0.0059
3443	50	LDR Unbiased	7.0156	7.0106	-0.005
3444	50	LDR Unbiased	7.0238	7.0167	-0.0071
4434	100	LDR Biased	7.0072	6.9944	-0.0128
4435	100	LDR Biased	7.0397	7.0255	-0.0142
4436	100	LDR Biased	7.0607	7.0343	-0.0264
4437	100	LDR Biased	7.0479	7.0337	-0.0142
4438	100	LDR Biased	7.0557	7.029	-0.0267
4439	100	LDR Unbiased	6.9934	6.9863	-0.0071
4440	100	LDR Unbiased	6.9946	6.9741	-0.0205
4441	100	LDR Unbiased	7.0464	7.0396	-0.0068
4443	100	LDR Unbiased	7.0156	7.013	-0.0026
4444	100	LDR Unbiased	7.0238	7.0111	-0.0127
4500	150	LDR Biased	7.0335	7.0097	-0.0238
4501	150	LDR Biased	7.0127	7.005	-0.0077
4502	150	LDR Biased	6.9865	6.9682	-0.0183
4503	150	LDR Biased	7.0458	7.0483	0.0025
4504	150	LDR Biased	6.9592	6.9373	-0.0219
4505	150	LDR Unbiased	7.0005	7.001	0.0005
4506	150	LDR Unbiased	7.0298	7.0117	-0.0181
4507	150	LDR Unbiased	7.0857	7.0762	-0.0095
4508	150	LDR Unbiased	7.0203	6.9822	-0.0381
4509	150	LDR Unbiased	7.0523	7.0469	-0.0054

Test Statistics (V)

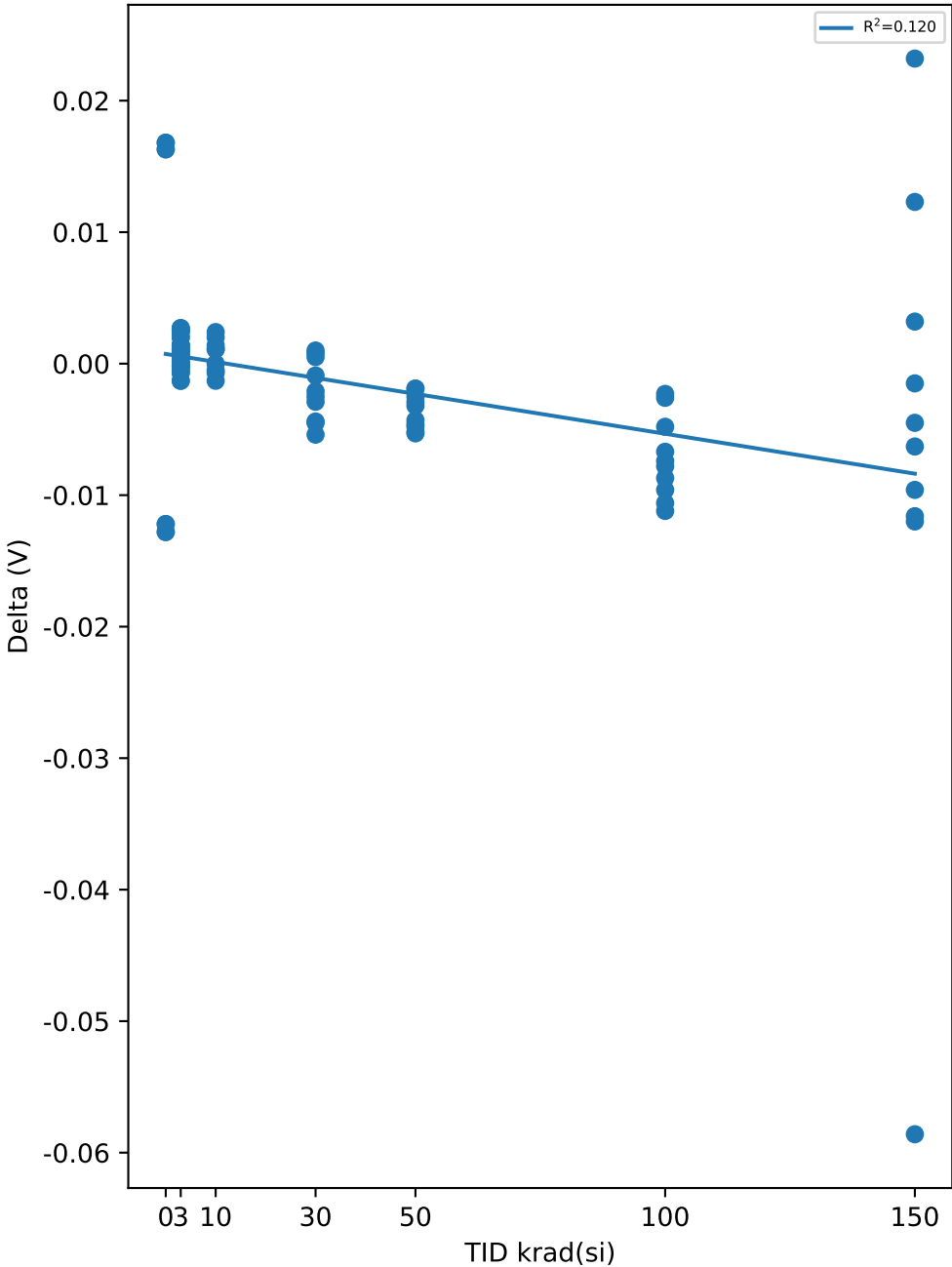
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0156	7.031	7.0464	0.021779	7.0285	7.0377	7.047	0.013081	-0.0179	0.00675	0.0314	0.03486
3	6.9921	7.032	7.0775	0.026129	6.9904	7.0319	7.078	0.0265	-0.0017	-0.00013333	0.001	0.00091104
10	6.9921	7.032	7.0775	0.026129	6.994	7.0316	7.0771	0.025545	-0.0032	-0.00041111	0.0037	0.002224
30	6.9934	7.0285	7.0607	0.024994	6.9872	7.0239	7.0566	0.024393	-0.0081	-0.00463	-0.0015	0.0023362
50	6.9934	7.0285	7.0607	0.024994	6.9899	7.0222	7.0552	0.024086	-0.0106	-0.0063	-0.0035	0.0024217
100	6.9934	7.0285	7.0607	0.024994	6.9741	7.0141	7.0396	0.022523	-0.0267	-0.0144	-0.0026	0.0080851
150	6.9592	7.0226	7.0857	0.035726	6.9373	7.0087	7.0762	0.04097	-0.0381	-0.01398	0.0025	0.012432

Device Test: 61.16 V_BP5L IIM 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

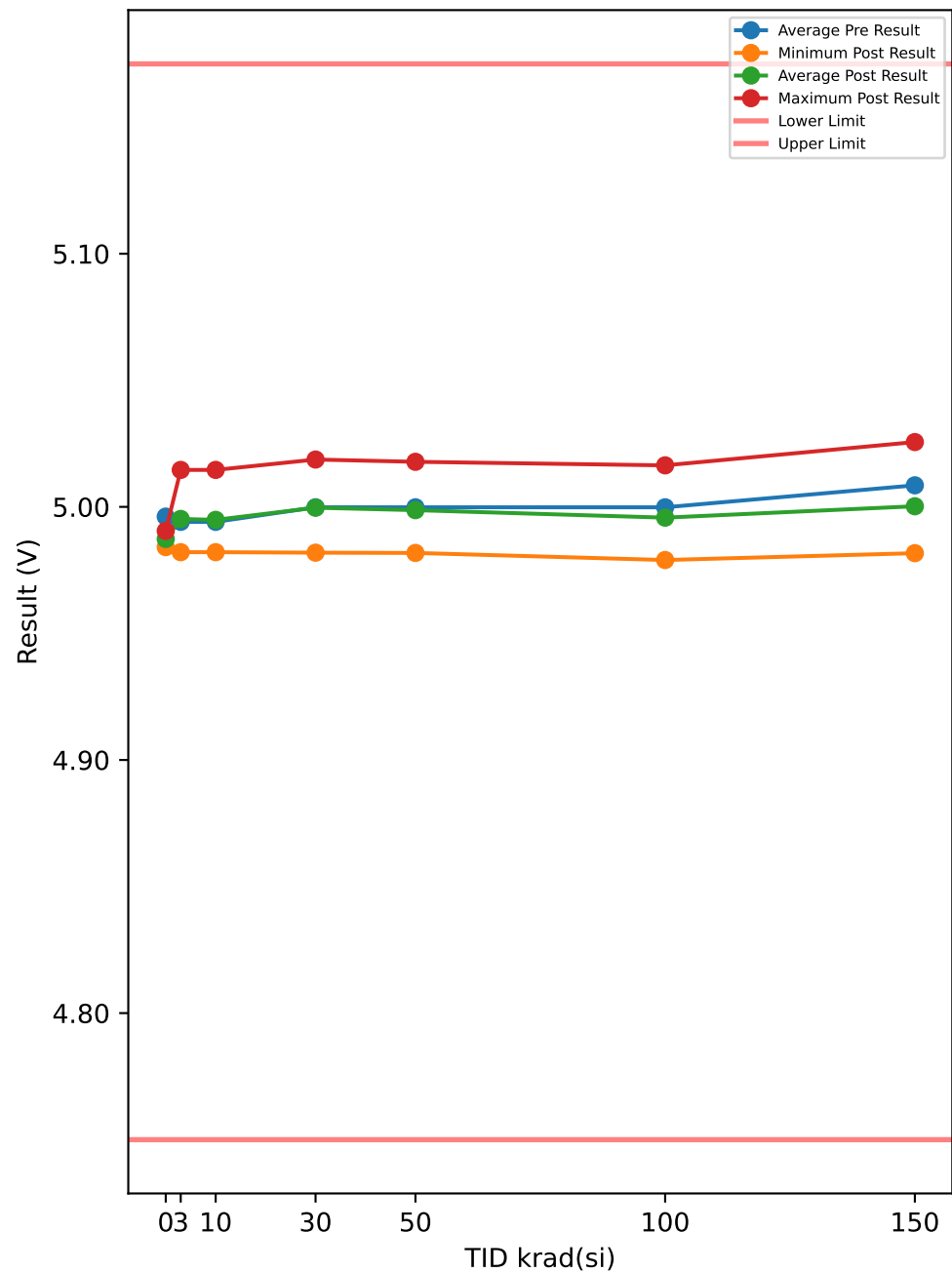
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9953	5.0116	0.0163
2	0	CORRELATION	5.0135	5.0007	-0.0128
259	3	LDR Biased	5.0055	5.0082	0.0027
426	3	LDR Biased	5.0142	5.014	-0.0002
427	3	LDR Biased	5.0115	5.0141	0.0026
428	3	LDR Biased	5.0224	5.0222	-0.0002
429	3	LDR Unbiased	5.0009	5.0023	0.0014
430	3	LDR Unbiased	4.9937	4.9947	0.001
431	3	LDR Unbiased	5.005	5.0058	0.0008
432	3	LDR Unbiased	5.0178	5.0184	0.0006
433	3	LDR Unbiased	5.0144	5.0146	0.0002
1259	10	LDR Biased	5.0055	5.0075	0.002
1426	10	LDR Biased	5.0142	5.0129	-0.0013
1427	10	LDR Biased	5.0115	5.0139	0.0024
1428	10	LDR Biased	5.0224	5.0224	0
1429	10	LDR Unbiased	5.0009	5.002	0.0011
1430	10	LDR Unbiased	4.9937	4.9932	-0.0005
1431	10	LDR Unbiased	5.005	5.0064	0.0014
1432	10	LDR Unbiased	5.0178	5.0171	-0.0007
1433	10	LDR Unbiased	5.0144	5.0155	0.0011
2434	30	LDR Biased	5.0214	5.0224	0.001
2435	30	LDR Biased	5.0039	5.003	-0.0009
2436	30	LDR Biased	4.9873	4.9881	0.0008
2437	30	LDR Biased	4.9848	4.9853	0.0005
2438	30	LDR Biased	5.0087	5.0062	-0.0025
2439	30	LDR Unbiased	5.0236	5.0182	-0.0054
2440	30	LDR Unbiased	4.9872	4.9843	-0.0029
2441	30	LDR Unbiased	4.9953	4.9909	-0.0044
2443	30	LDR Unbiased	5.0135	5.009	-0.0045
2444	30	LDR Unbiased	5.0154	5.0133	-0.0021
3434	50	LDR Biased	5.0214	5.0195	-0.0019
3435	50	LDR Biased	5.0039	4.9993	-0.0046
3436	50	LDR Biased	4.9873	4.982	-0.0053
3437	50	LDR Biased	4.9848	4.9823	-0.0025
3438	50	LDR Biased	5.0087	5.0068	-0.0019
3439	50	LDR Unbiased	5.0236	5.0184	-0.0052
3440	50	LDR Unbiased	4.9872	4.9843	-0.0029
3441	50	LDR Unbiased	4.9953	4.9905	-0.0048
3443	50	LDR Unbiased	5.0135	5.0103	-0.0032
3444	50	LDR Unbiased	5.0154	5.0111	-0.0043
4434	100	LDR Biased	5.0214	5.0188	-0.0026
4435	100	LDR Biased	5.0039	4.9933	-0.0106
4436	100	LDR Biased	4.9873	4.9786	-0.0087
4437	100	LDR Biased	4.9848	4.977	-0.0078
4438	100	LDR Biased	5.0087	5.0064	-0.0023
4439	100	LDR Unbiased	5.0236	5.0124	-0.0112
4440	100	LDR Unbiased	4.9872	4.9776	-0.0096
4441	100	LDR Unbiased	4.9953	4.9879	-0.0074
4443	100	LDR Unbiased	5.0135	5.0087	-0.0048
4444	100	LDR Unbiased	5.0154	5.0087	-0.0067
4500	150	LDR Biased	5.0115	4.9995	-0.012
4501	150	LDR Biased	5.0004	4.9908	-0.0096
4502	150	LDR Biased	5.0197	5.0081	-0.0116
4503	150	LDR Biased	4.9881	4.9836	-0.0045
4504	150	LDR Biased	5.021	5.0333	0.0123
4505	150	LDR Unbiased	4.9995	4.9932	-0.0063
4506	150	LDR Unbiased	5.0228	4.9642	-0.0586
4507	150	LDR Unbiased	4.9951	4.9936	-0.0015
4508	150	LDR Unbiased	4.9957	4.9989	0.0032
4509	150	LDR Unbiased	5.0144	5.0376	0.0232

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	4.9953	5.0044	5.0135	0.012869	5.0007	5.0061	5.0116	0.0077075	-0.0128	0.00175	0.0163	0.020577
3	4.9937	5.0095	5.0224	0.0089809	4.9947	5.0105	5.0222	0.0085555	-0.0002	0.00098889	0.0027	0.0010799
10	4.9937	5.0095	5.0224	0.0089809	4.9932	5.0101	5.0224	0.0088275	-0.0013	0.00061111	0.0024	0.001285
30	4.9848	5.0041	5.0236	0.014661	4.9843	5.0021	5.0224	0.014073	-0.0054	-0.00204	0.001	0.0023315
50	4.9848	5.0041	5.0236	0.014661	4.982	5.0004	5.0195	0.014783	-0.0053	-0.00366	-0.0019	0.0013327
100	4.9848	5.0041	5.0236	0.014661	4.977	4.9969	5.0188	0.015937	-0.0112	-0.00717	-0.0023	0.0031116
150	4.9881	5.0068	5.0228	0.012507	4.9642	5.0003	5.0376	0.021887	-0.0586	-0.00654	0.0232	0.021445

Device Test: 61.17 V_BP5H IIM 1MHz VIN_12V

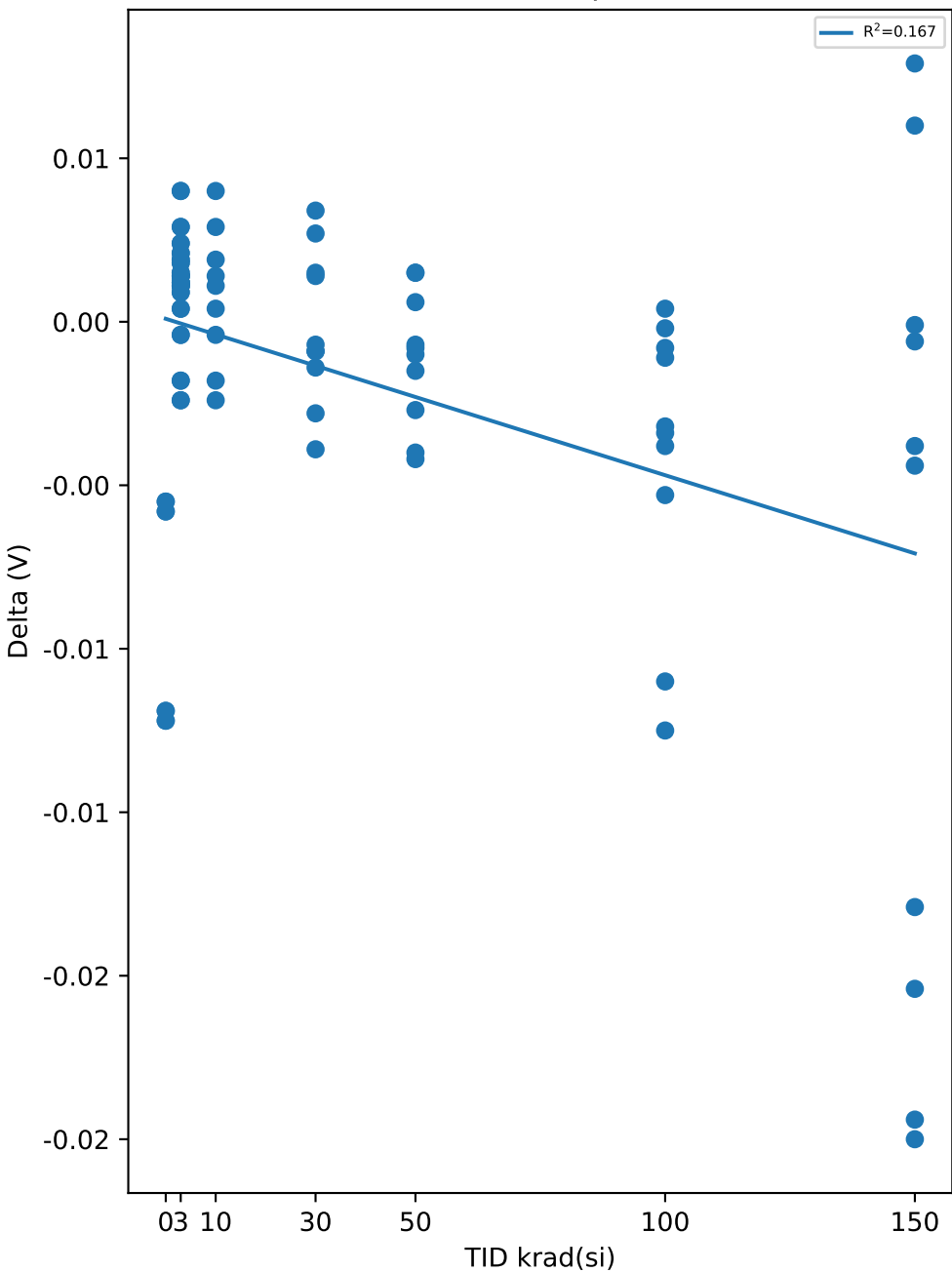
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.996	4.9902	-0.0058
2	0	CORRELATION	4.9963	4.9841	-0.0122
259	3	LDR Biased	5.0117	5.0126	0.0009
426	3	LDR Biased	4.9955	4.9969	0.0014
427	3	LDR Biased	4.9877	4.9889	0.0012
428	3	LDR Biased	4.9817	4.9829	0.0012
429	3	LDR Unbiased	4.9847	4.9858	0.0011
430	3	LDR Unbiased	5.0045	5.0069	0.0024
431	3	LDR Unbiased	5.0021	5.0042	0.0021
432	3	LDR Unbiased	4.9905	4.9923	0.0018
433	3	LDR Unbiased	4.9883	4.9898	0.0015
1259	10	LDR Biased	5.0117	5.0146	0.0029
1426	10	LDR Biased	4.9955	4.9951	-0.0004
1427	10	LDR Biased	4.9877	4.9891	0.0014
1428	10	LDR Biased	4.9817	4.9821	0.0004
1429	10	LDR Unbiased	4.9847	4.9829	-0.0018
1430	10	LDR Unbiased	5.0045	5.0064	0.0019
1431	10	LDR Unbiased	5.0021	4.9997	-0.0024
1432	10	LDR Unbiased	4.9905	4.9945	0.004
1433	10	LDR Unbiased	4.9883	4.9894	0.0011
2434	30	LDR Biased	4.9949	4.9983	0.0034
2435	30	LDR Biased	5.0092	5.0085	-0.0007
2436	30	LDR Biased	4.9852	4.9879	0.0027
2437	30	LDR Biased	5.0174	5.0146	-0.0028
2438	30	LDR Biased	4.9828	4.9819	-0.0009
2439	30	LDR Unbiased	4.9905	4.9896	-0.0009
2440	30	LDR Unbiased	5.0088	5.0102	0.0014
2441	30	LDR Unbiased	4.996	4.9921	-0.0039
2443	30	LDR Unbiased	4.9963	4.9949	-0.0014
2444	30	LDR Unbiased	5.0172	5.0187	0.0015
3434	50	LDR Biased	4.9949	4.9964	0.0015
3435	50	LDR Biased	5.0092	5.0065	-0.0027
3436	50	LDR Biased	4.9852	4.9867	0.0015
3437	50	LDR Biased	5.0174	5.0132	-0.0042
3438	50	LDR Biased	4.9828	4.9818	-0.001
3439	50	LDR Unbiased	4.9905	4.9897	-0.0008
3440	50	LDR Unbiased	5.0088	5.0073	-0.0015
3441	50	LDR Unbiased	4.996	4.992	-0.004
3443	50	LDR Unbiased	4.9963	4.9956	-0.0007
3444	50	LDR Unbiased	5.0172	5.0178	0.0006
4434	100	LDR Biased	4.9949	4.9953	0.0004
4435	100	LDR Biased	5.0092	5.006	-0.0032
4436	100	LDR Biased	4.9852	4.9818	-0.0034
4437	100	LDR Biased	5.0174	5.0121	-0.0053
4438	100	LDR Biased	4.9828	4.979	-0.0038
4439	100	LDR Unbiased	4.9905	4.9795	-0.011
4440	100	LDR Unbiased	5.0088	4.9963	-0.0125
4441	100	LDR Unbiased	4.996	4.9958	-0.0002
4443	100	LDR Unbiased	4.9963	4.9952	-0.0011
4444	100	LDR Unbiased	5.0172	5.0164	-0.0008
4500	150	LDR Biased	4.9996	4.9817	-0.0179
4501	150	LDR Biased	4.9982	4.9944	-0.0038
4502	150	LDR Biased	5.0151	5.0107	-0.0044
4503	150	LDR Biased	4.9999	4.9998	-0.0001
4504	150	LDR Biased	5.0117	4.9913	-0.0204
4505	150	LDR Unbiased	5.0207	4.9963	-0.0244
4506	150	LDR Unbiased	5.0135	4.9885	-0.025
4507	150	LDR Unbiased	5.0194	5.0188	-0.0006
4508	150	LDR Unbiased	5.0177	5.0256	0.0079
4509	150	LDR Unbiased	4.9893	4.9953	0.006

TID vs Post - Pre Exposure Delta

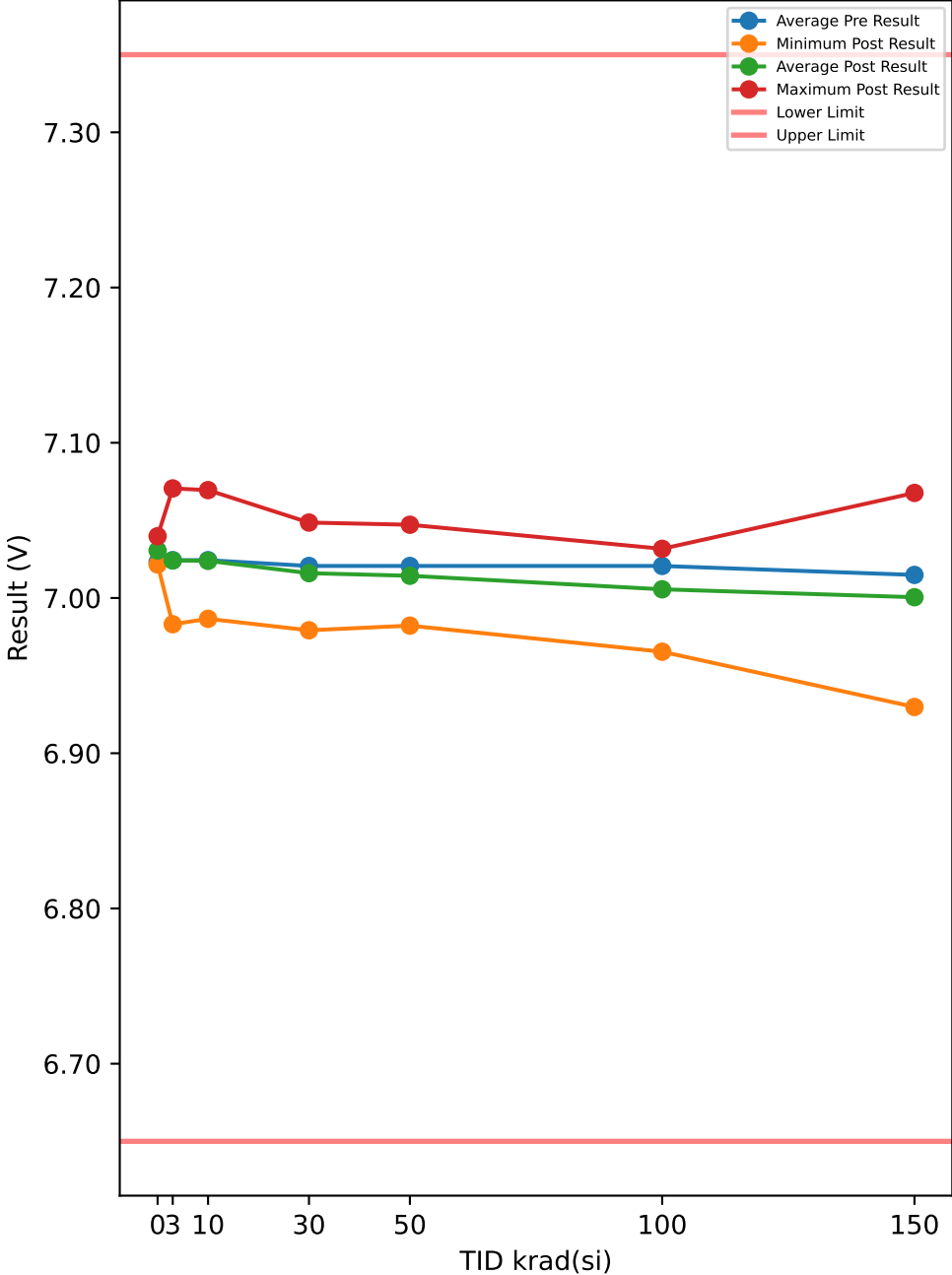


Test Statistics (V)

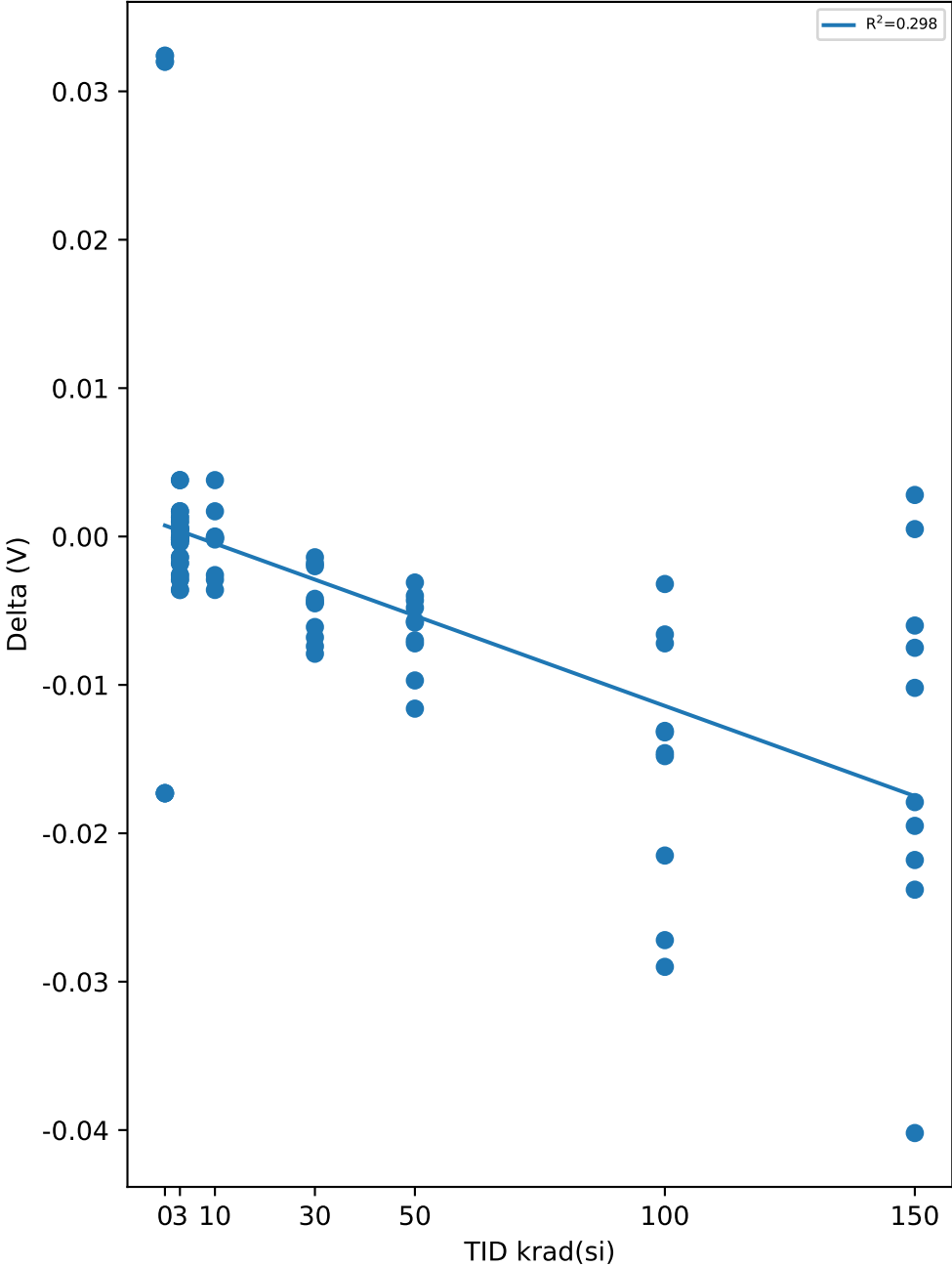
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.996	4.9962	4.9963	0.00021213	4.9841	4.9871	4.9902	0.0043134	-0.0122	-0.009	-0.0058	0.0045255
3	4.9817	4.9941	5.0117	0.010084	4.9829	4.9956	5.0126	0.010241	0.0009	0.0015111	0.0024	0.0004961
10	4.9817	4.9941	5.0117	0.010084	4.9821	4.9949	5.0146	0.010696	-0.0024	0.00078889	0.004	0.0020889
30	4.9828	4.9998	5.0174	0.012566	4.9819	4.9997	5.0187	0.012523	-0.0039	-0.00016	0.0034	0.0023552
50	4.9828	4.9998	5.0174	0.012566	4.9818	4.9987	5.0178	0.011927	-0.0042	-0.00113	0.0015	0.0020385
100	4.9828	4.9998	5.0174	0.012566	4.979	4.9957	5.0164	0.013076	-0.0125	-0.00409	0.0004	0.0044265
150	4.9893	5.0085	5.0207	0.010847	4.9817	5.0002	5.0256	0.013875	-0.025	-0.00827	0.0079	0.012497

Device Test: 61.18 V_BP7L IIM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

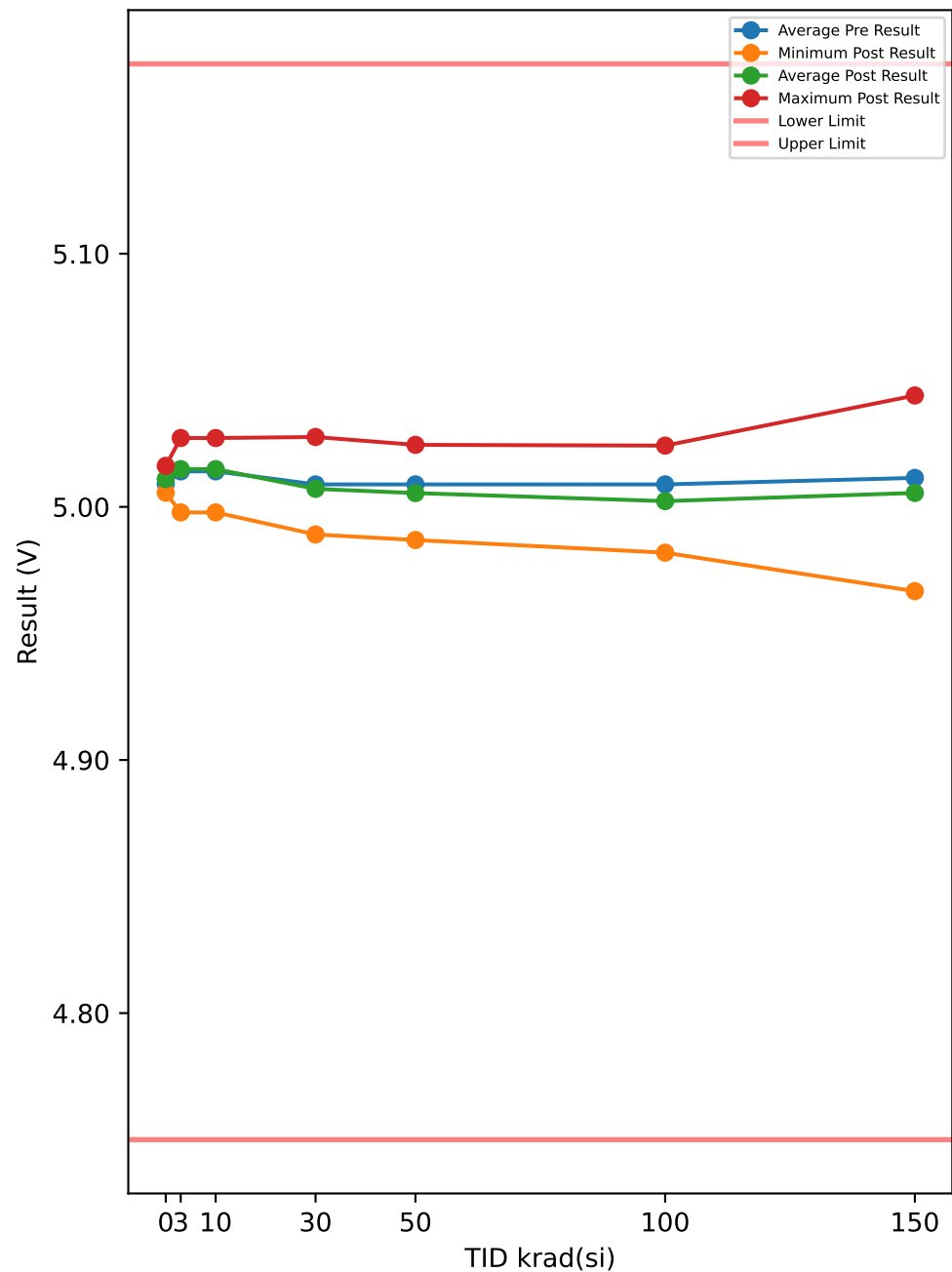
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0389	7.0216	-0.0173
2	0	CORRELATION	7.0074	7.0394	0.032
259	3	LDR Biased	7.0696	7.0706	0.001
426	3	LDR Biased	7.0085	7.0091	0.0006
427	3	LDR Biased	7.0515	7.0519	0.0004
428	3	LDR Biased	7.0333	7.0329	-0.0004
429	3	LDR Unbiased	7.0274	7.0272	-0.0002
430	3	LDR Unbiased	7.0005	7.001	0.0005
431	3	LDR Unbiased	6.9849	6.9831	-0.0018
432	3	LDR Unbiased	7.0306	7.0292	-0.0014
433	3	LDR Unbiased	7.0131	7.0144	0.0013
1259	10	LDR Biased	7.0696	7.0695	-0.0001
1426	10	LDR Biased	7.0085	7.0085	0
1427	10	LDR Biased	7.0515	7.0489	-0.0026
1428	10	LDR Biased	7.0333	7.0332	-0.0001
1429	10	LDR Unbiased	7.0274	7.0272	-0.0002
1430	10	LDR Unbiased	7.0005	6.9976	-0.0029
1431	10	LDR Unbiased	6.9849	6.9866	0.0017
1432	10	LDR Unbiased	7.0306	7.027	-0.0036
1433	10	LDR Unbiased	7.0131	7.0169	0.0038
2434	30	LDR Biased	6.9994	6.9976	-0.0018
2435	30	LDR Biased	7.0317	7.0238	-0.0079
2436	30	LDR Biased	7.053	7.0486	-0.0044
2437	30	LDR Biased	7.0398	7.0384	-0.0014
2438	30	LDR Biased	7.0479	7.0405	-0.0074
2439	30	LDR Unbiased	6.9853	6.9792	-0.0061
2440	30	LDR Unbiased	6.9869	6.9849	-0.002
2441	30	LDR Unbiased	7.0389	7.0321	-0.0068
2443	30	LDR Unbiased	7.0074	7.0032	-0.0042
2444	30	LDR Unbiased	7.0162	7.0117	-0.0045
3434	50	LDR Biased	6.9994	6.9924	-0.007
3435	50	LDR Biased	7.0317	7.022	-0.0097
3436	50	LDR Biased	7.053	7.0472	-0.0058
3437	50	LDR Biased	7.0398	7.0358	-0.004
3438	50	LDR Biased	7.0479	7.0363	-0.0116
3439	50	LDR Unbiased	6.9853	6.9822	-0.0031
3440	50	LDR Unbiased	6.9869	6.9826	-0.0043
3441	50	LDR Unbiased	7.0389	7.0332	-0.0057
3443	50	LDR Unbiased	7.0074	7.0026	-0.0048
3444	50	LDR Unbiased	7.0162	7.009	-0.0072
4434	100	LDR Biased	6.9994	6.9863	-0.0131
4435	100	LDR Biased	7.0317	7.0169	-0.0148
4436	100	LDR Biased	7.053	7.0258	-0.0272
4437	100	LDR Biased	7.0398	7.0252	-0.0146
4438	100	LDR Biased	7.0479	7.0189	-0.029
4439	100	LDR Unbiased	6.9853	6.9787	-0.0066
4440	100	LDR Unbiased	6.9869	6.9654	-0.0215
4441	100	LDR Unbiased	7.0389	7.0317	-0.0072
4443	100	LDR Unbiased	7.0074	7.0042	-0.0032
4444	100	LDR Unbiased	7.0162	7.003	-0.0132
4500	150	LDR Biased	7.0257	7.0019	-0.0238
4501	150	LDR Biased	7.005	6.9975	-0.0075
4502	150	LDR Biased	6.9786	6.9607	-0.0179
4503	150	LDR Biased	7.0378	7.0406	0.0028
4504	150	LDR Biased	6.9516	6.9298	-0.0218
4505	150	LDR Unbiased	6.9927	6.9932	0.0005
4506	150	LDR Unbiased	7.0221	7.0026	-0.0195
4507	150	LDR Unbiased	7.0779	7.0677	-0.0102
4508	150	LDR Unbiased	7.0128	6.9726	-0.0402
4509	150	LDR Unbiased	7.0445	7.0385	-0.006

Test Statistics (V)

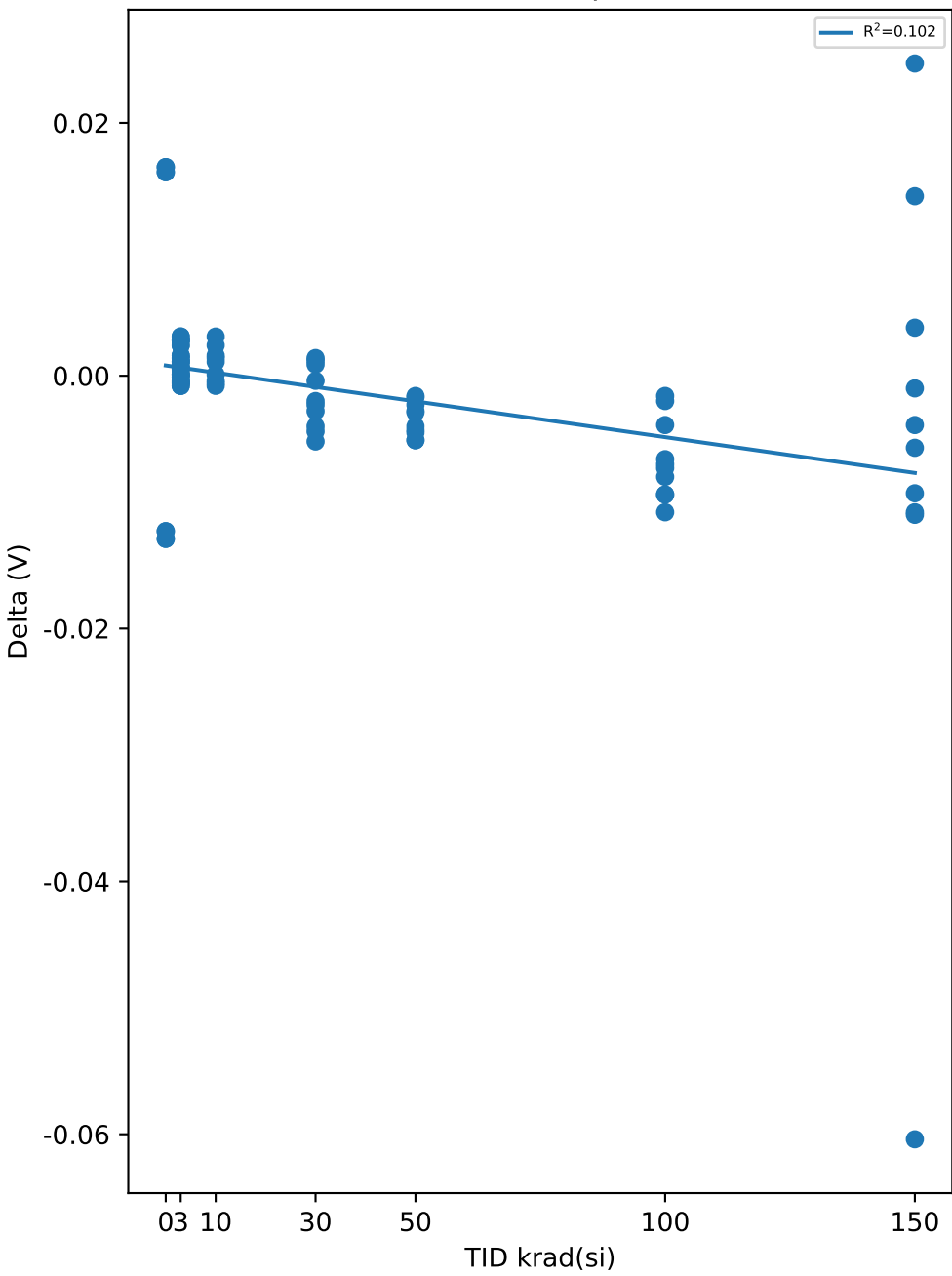
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0074	7.0231	7.0389	0.022274	7.0216	7.0305	7.0394	0.012587	-0.0173	0.00735	0.032	0.03486
3	6.9849	7.0244	7.0696	0.026019	6.9831	7.0244	7.0706	0.026413	-0.0018	1.9737e-16	0.0013	0.0010524
10	6.9849	7.0244	7.0696	0.026019	6.9866	7.0239	7.0695	0.025447	-0.0036	-0.00044444	0.0038	0.0023383
30	6.9853	7.0207	7.053	0.025048	6.9792	7.016	7.0486	0.024329	-0.0079	-0.00465	-0.0014	0.0023769
50	6.9853	7.0207	7.053	0.025048	6.9822	7.0143	7.0472	0.023863	-0.0116	-0.00632	-0.0031	0.0026528
100	6.9853	7.0207	7.053	0.025048	6.9654	7.0056	7.0317	0.022358	-0.029	-0.01504	-0.0032	0.0085943
150	6.9516	7.0149	7.0779	0.03568	6.9298	7.0005	7.0677	0.040821	-0.0402	-0.01436	0.0028	0.012913

Device Test: 61.19 V_BP5L IIM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

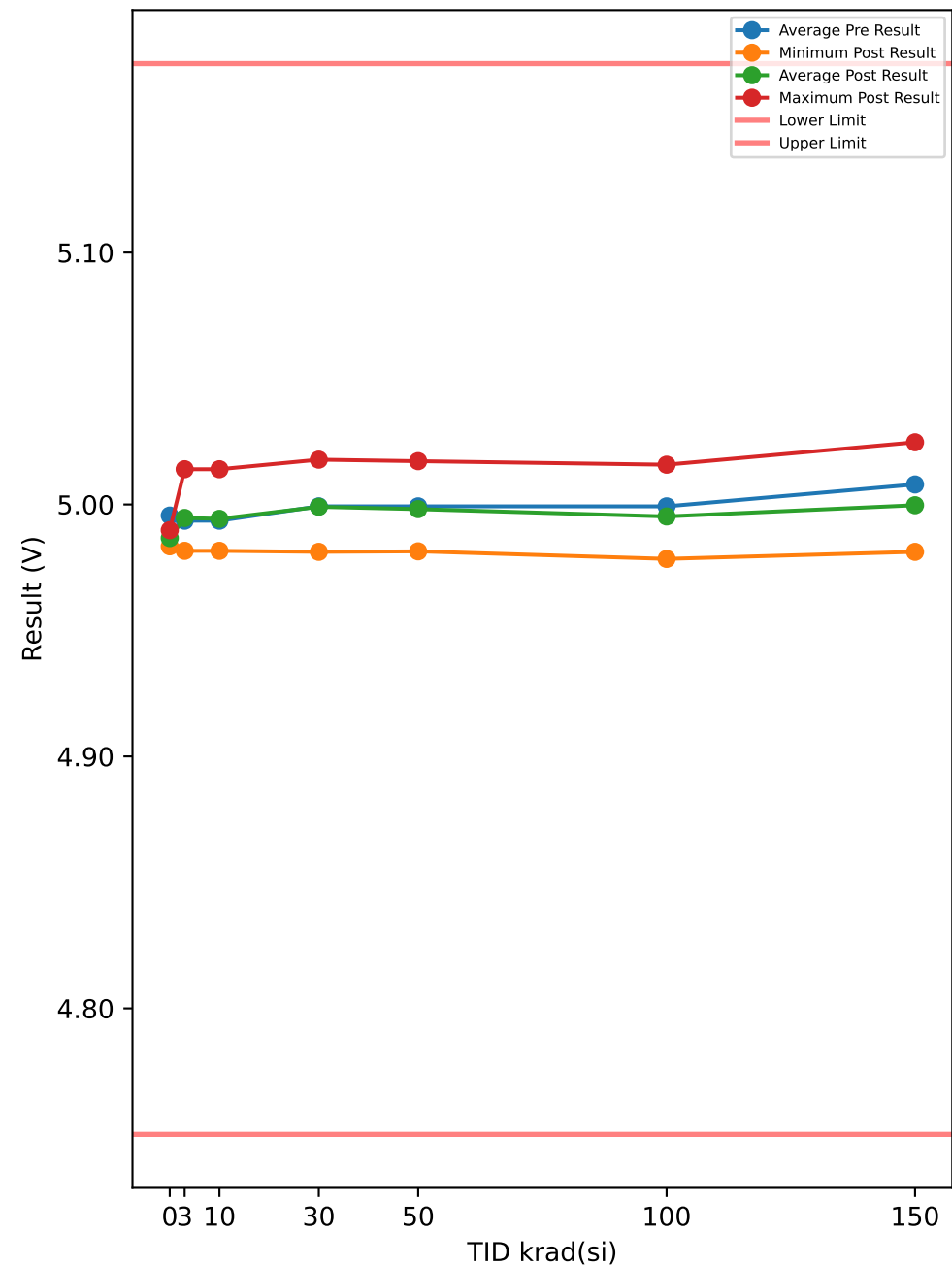
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9997	5.0158	0.0161
2	0	CORRELATION	5.0185	5.0056	-0.0129
259	3	LDR Biased	5.0098	5.0126	0.0028
426	3	LDR Biased	5.019	5.0189	-0.0001
427	3	LDR Biased	5.0158	5.0186	0.0028
428	3	LDR Biased	5.0271	5.0266	-0.0005
429	3	LDR Unbiased	5.0055	5.0066	0.0011
430	3	LDR Unbiased	4.9982	4.9988	0.0006
431	3	LDR Unbiased	5.0095	5.0102	0.0007
432	3	LDR Unbiased	5.0225	5.023	0.0005
433	3	LDR Unbiased	5.0189	5.019	0.0001
1259	10	LDR Biased	5.0098	5.0122	0.0024
1426	10	LDR Biased	5.019	5.0182	-0.0008
1427	10	LDR Biased	5.0158	5.0189	0.0031
1428	10	LDR Biased	5.0271	5.0272	0.0001
1429	10	LDR Unbiased	5.0055	5.0069	0.0014
1430	10	LDR Unbiased	4.9982	4.9978	-0.0004
1431	10	LDR Unbiased	5.0095	5.0111	0.0016
1432	10	LDR Unbiased	5.0225	5.0219	-0.0006
1433	10	LDR Unbiased	5.0189	5.02	0.0011
2434	30	LDR Biased	5.0262	5.0276	0.0014
2435	30	LDR Biased	5.0083	5.0079	-0.0004
2436	30	LDR Biased	4.992	4.9932	0.0012
2437	30	LDR Biased	4.9892	4.9901	0.0009
2438	30	LDR Biased	5.0137	5.0114	-0.0023
2439	30	LDR Unbiased	5.0289	5.0237	-0.0052
2440	30	LDR Unbiased	4.9919	4.9891	-0.0028
2441	30	LDR Unbiased	4.9997	4.9957	-0.004
2443	30	LDR Unbiased	5.0185	5.0141	-0.0044
2444	30	LDR Unbiased	5.0203	5.0183	-0.002
3434	50	LDR Biased	5.0262	5.0245	-0.0017
3435	50	LDR Biased	5.0083	5.0043	-0.004
3436	50	LDR Biased	4.992	4.9869	-0.0051
3437	50	LDR Biased	4.9892	4.9869	-0.0023
3438	50	LDR Biased	5.0137	5.0121	-0.0016
3439	50	LDR Unbiased	5.0289	5.0238	-0.0051
3440	50	LDR Unbiased	4.9919	4.9891	-0.0028
3441	50	LDR Unbiased	4.9997	4.9952	-0.0045
3443	50	LDR Unbiased	5.0185	5.0156	-0.0029
3444	50	LDR Unbiased	5.0203	5.016	-0.0043
4434	100	LDR Biased	5.0262	5.0242	-0.002
4435	100	LDR Biased	5.0083	4.9989	-0.0094
4436	100	LDR Biased	4.992	4.984	-0.008
4437	100	LDR Biased	4.9892	4.9819	-0.0073
4438	100	LDR Biased	5.0137	5.0121	-0.0016
4439	100	LDR Unbiased	5.0289	5.0181	-0.0108
4440	100	LDR Unbiased	4.9919	4.9825	-0.0094
4441	100	LDR Unbiased	4.9997	4.9927	-0.007
4443	100	LDR Unbiased	5.0185	5.0146	-0.0039
4444	100	LDR Unbiased	5.0203	5.0137	-0.0066
4500	150	LDR Biased	5.0162	5.0052	-0.011
4501	150	LDR Biased	5.005	4.9957	-0.0093
4502	150	LDR Biased	5.0246	5.0138	-0.0108
4503	150	LDR Biased	4.9923	4.9884	-0.0039
4504	150	LDR Biased	5.0257	5.0399	0.0142
4505	150	LDR Unbiased	5.0042	4.9985	-0.0057
4506	150	LDR Unbiased	5.0271	4.9667	-0.0604
4507	150	LDR Unbiased	4.9998	4.9988	-0.001
4508	150	LDR Unbiased	5.0002	5.004	0.0038
4509	150	LDR Unbiased	5.0193	5.044	0.0247

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	4.9997	5.0091	5.0185	0.013294	5.0056	5.0107	5.0158	0.0072125	-0.0129	0.0016	0.0161	0.020506
3	4.9982	5.014	5.0271	0.0090546	4.9988	5.0149	5.0266	0.0086925	-0.0005	0.00088889	0.0028	0.0011805
10	4.9982	5.014	5.0271	0.0090546	4.9978	5.0149	5.0272	0.0088835	-0.0008	0.00087778	0.0031	0.0013845
30	4.9892	5.0089	5.0289	0.014878	4.9891	5.0071	5.0276	0.014242	-0.0052	-0.00176	0.0014	0.002425
50	4.9892	5.0089	5.0289	0.014878	4.9869	5.0054	5.0245	0.014982	-0.0051	-0.00343	-0.0016	0.0013375
100	4.9892	5.0089	5.0289	0.014878	4.9819	5.0023	5.0242	0.01617	-0.0108	-0.0066	-0.0016	0.0031514
150	4.9923	5.0114	5.0271	0.012597	4.9667	5.0055	5.044	0.022912	-0.0604	-0.00594	0.0247	0.022347

Device Test: 61.2 V_BP5H PWM 500kHz VIN_12V

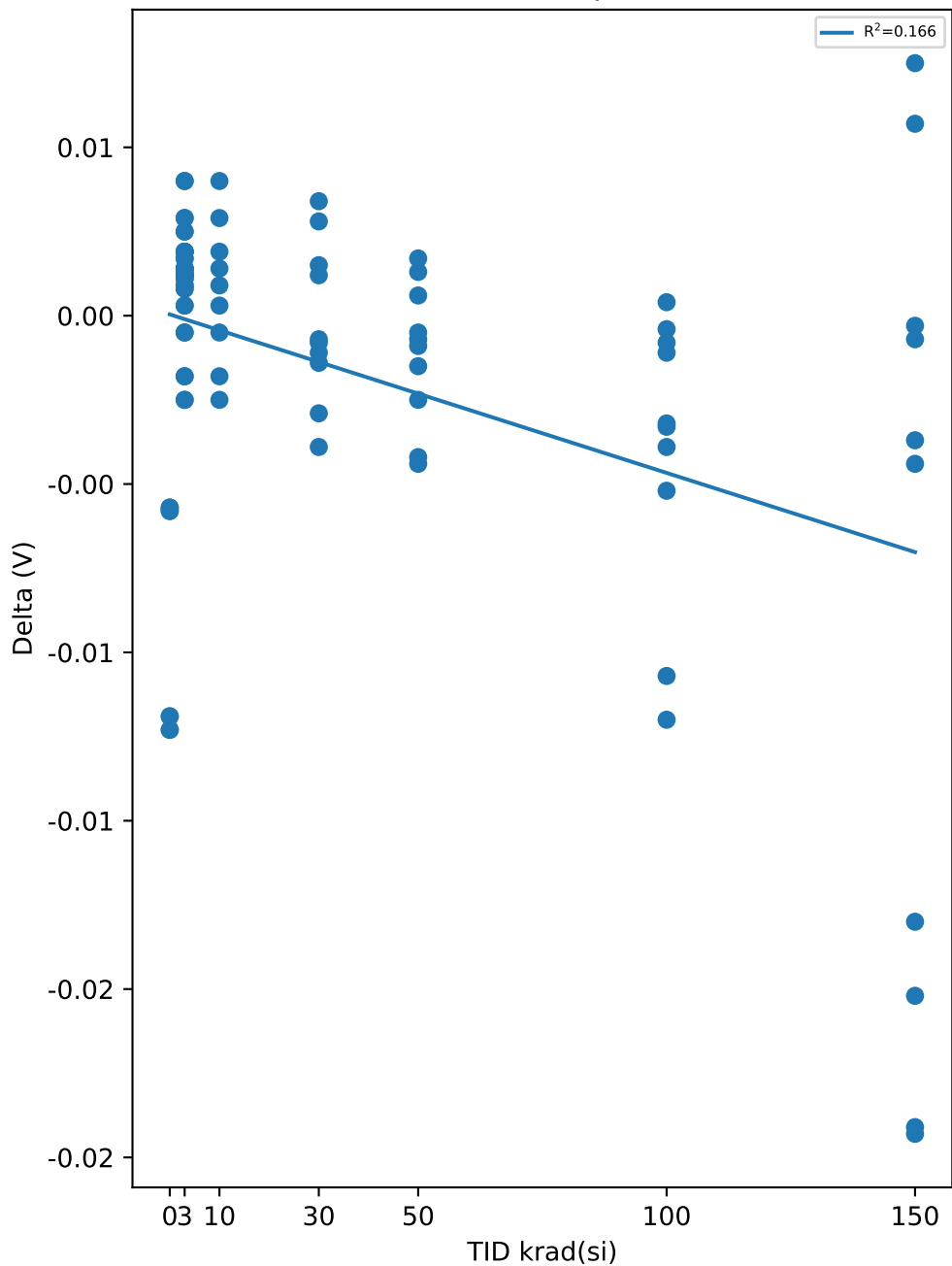
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9955	4.9897	-0.0058
2	0	CORRELATION	4.9957	4.9834	-0.0123
259	3	LDR Biased	5.0111	5.0119	0.0008
426	3	LDR Biased	4.995	4.9963	0.0013
427	3	LDR Biased	4.9872	4.9884	0.0012
428	3	LDR Biased	4.9813	4.9824	0.0011
429	3	LDR Unbiased	4.9841	4.9853	0.0012
430	3	LDR Unbiased	5.0039	5.0064	0.0025
431	3	LDR Unbiased	5.0015	5.0034	0.0019
432	3	LDR Unbiased	4.99	4.9917	0.0017
433	3	LDR Unbiased	4.9879	4.9893	0.0014
1259	10	LDR Biased	5.0111	5.014	0.0029
1426	10	LDR Biased	4.995	4.9945	-0.0005
1427	10	LDR Biased	4.9872	4.9886	0.0014
1428	10	LDR Biased	4.9813	4.9816	0.0003
1429	10	LDR Unbiased	4.9841	4.9823	-0.0018
1430	10	LDR Unbiased	5.0039	5.0058	0.0019
1431	10	LDR Unbiased	5.0015	4.999	-0.0025
1432	10	LDR Unbiased	4.99	4.994	0.004
1433	10	LDR Unbiased	4.9879	4.9888	0.0009
2434	30	LDR Biased	4.9944	4.9978	0.0034
2435	30	LDR Biased	5.0085	5.0078	-0.0007
2436	30	LDR Biased	4.9846	4.9874	0.0028
2437	30	LDR Biased	5.0168	5.0139	-0.0029
2438	30	LDR Biased	4.9823	4.9812	-0.0011
2439	30	LDR Unbiased	4.9899	4.9891	-0.0008
2440	30	LDR Unbiased	5.0083	5.0098	0.0015
2441	30	LDR Unbiased	4.9955	4.9916	-0.0039
2443	30	LDR Unbiased	4.9957	4.9943	-0.0014
2444	30	LDR Unbiased	5.0166	5.0178	0.0012
3434	50	LDR Biased	4.9944	4.9957	0.0013
3435	50	LDR Biased	5.0085	5.006	-0.0025
3436	50	LDR Biased	4.9846	4.9863	0.0017
3437	50	LDR Biased	5.0168	5.0126	-0.0042
3438	50	LDR Biased	4.9823	4.9814	-0.0009
3439	50	LDR Unbiased	4.9899	4.9892	-0.0007
3440	50	LDR Unbiased	5.0083	5.0068	-0.0015
3441	50	LDR Unbiased	4.9955	4.9911	-0.0044
3443	50	LDR Unbiased	4.9957	4.9952	-0.0005
3444	50	LDR Unbiased	5.0166	5.0172	0.0006
4434	100	LDR Biased	4.9944	4.9948	0.0004
4435	100	LDR Biased	5.0085	5.0053	-0.0032
4436	100	LDR Biased	4.9846	4.9813	-0.0033
4437	100	LDR Biased	5.0168	5.0116	-0.0052
4438	100	LDR Biased	4.9823	4.9784	-0.0039
4439	100	LDR Unbiased	4.9899	4.9792	-0.0107
4440	100	LDR Unbiased	5.0083	4.9963	-0.012
4441	100	LDR Unbiased	4.9955	4.9951	-0.0004
4443	100	LDR Unbiased	4.9957	4.9946	-0.0011
4444	100	LDR Unbiased	5.0166	5.0158	-0.0008
4500	150	LDR Biased	4.9992	4.9812	-0.018
4501	150	LDR Biased	4.9977	4.994	-0.0037
4502	150	LDR Biased	5.0145	5.0101	-0.0044
4503	150	LDR Biased	4.9993	4.999	-0.0003
4504	150	LDR Biased	5.0111	4.9909	-0.0202
4505	150	LDR Unbiased	5.0202	4.9961	-0.0241
4506	150	LDR Unbiased	5.0128	4.9885	-0.0243
4507	150	LDR Unbiased	5.0188	5.0181	-0.0007
4508	150	LDR Unbiased	5.0172	5.0247	0.0075
4509	150	LDR Unbiased	4.9887	4.9944	0.0057

TID vs Post - Pre Exposure Delta

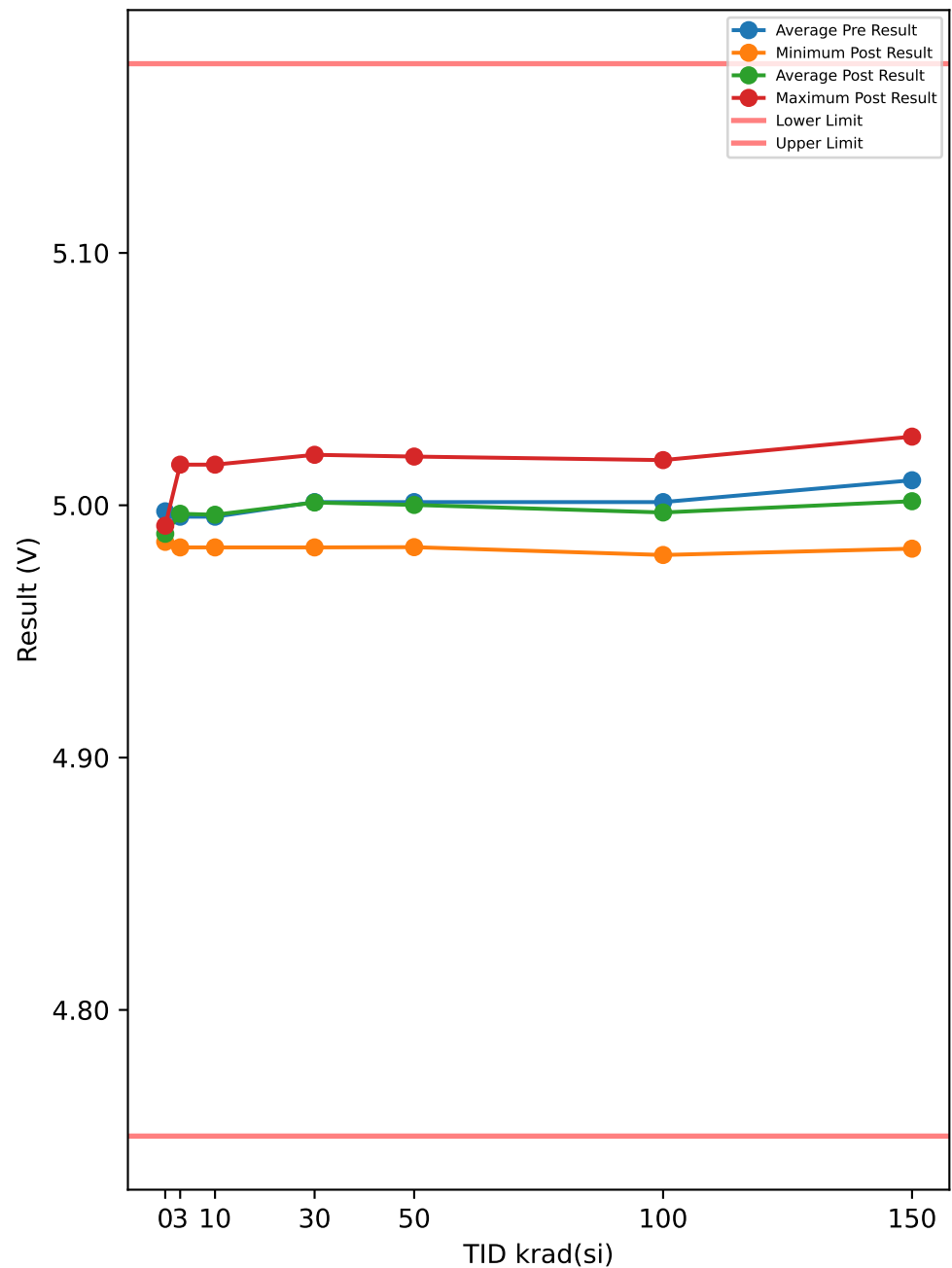


Test Statistics (V)

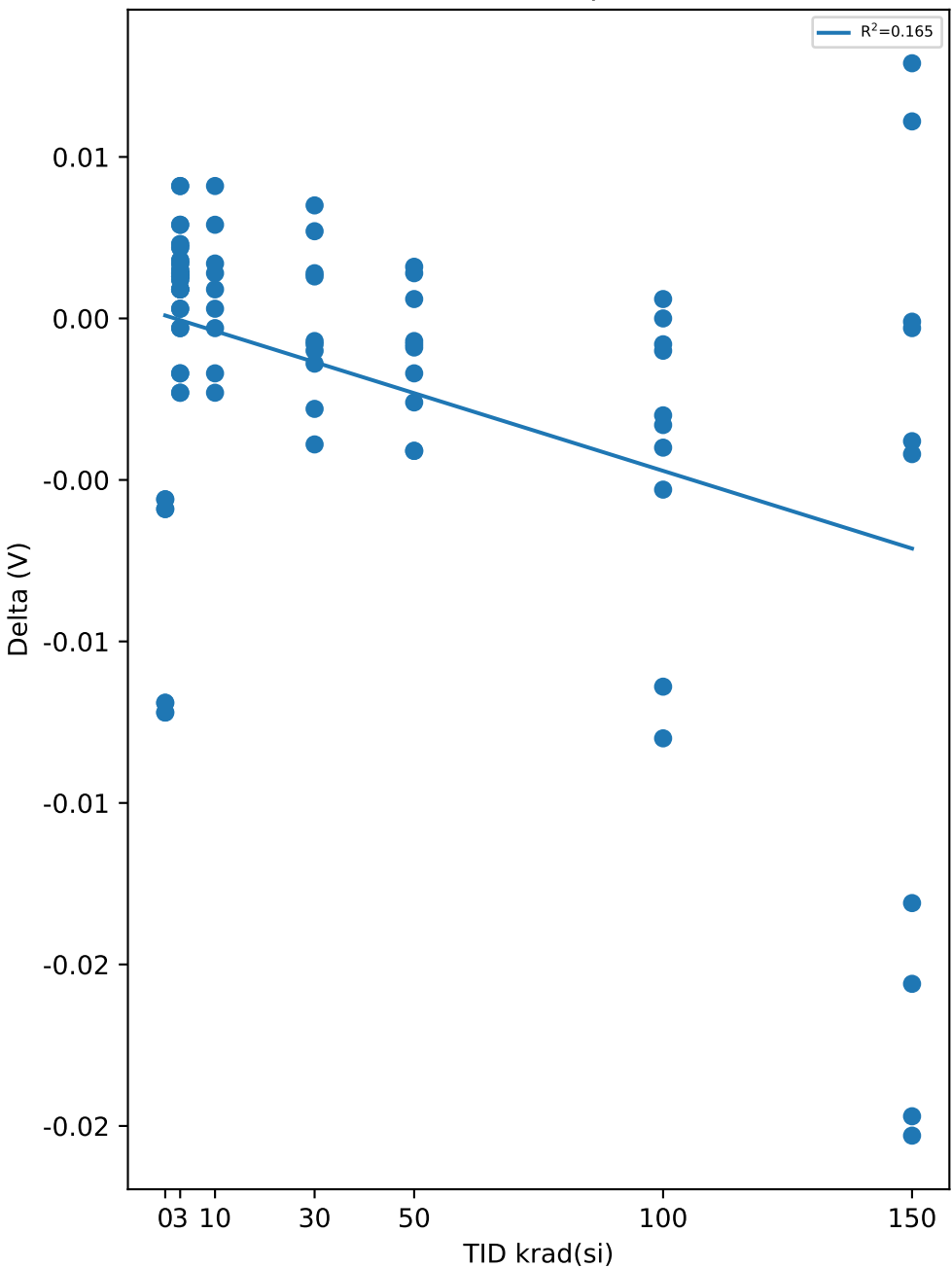
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9955	4.9956	4.9957	0.00014142	4.9834	4.9865	4.9897	0.0044548	-0.0123	-0.00905	-0.0058	0.0045962
3	4.9813	4.9936	5.0111	0.010029	4.9824	4.995	5.0119	0.010171	0.0008	0.0014556	0.0025	0.00050772
10	4.9813	4.9936	5.0111	0.010029	4.9816	4.9943	5.014	0.010669	-0.0025	0.00073333	0.004	0.0021148
30	4.9823	4.9993	5.0168	0.012543	4.9812	4.9991	5.0178	0.01246	-0.0039	-0.00019	0.0034	0.0023723
50	4.9823	4.9993	5.0168	0.012543	4.9814	4.9981	5.0172	0.011896	-0.0044	-0.00111	0.0017	0.0020994
100	4.9823	4.9993	5.0168	0.012543	4.9784	4.9952	5.0158	0.013032	-0.012	-0.00402	0.0004	0.0042483
150	4.9887	5.0079	5.0202	0.010836	4.9812	4.9997	5.0247	0.013707	-0.0243	-0.00825	0.0075	0.012225

Device Test: 61.20 V_BP5H IIM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

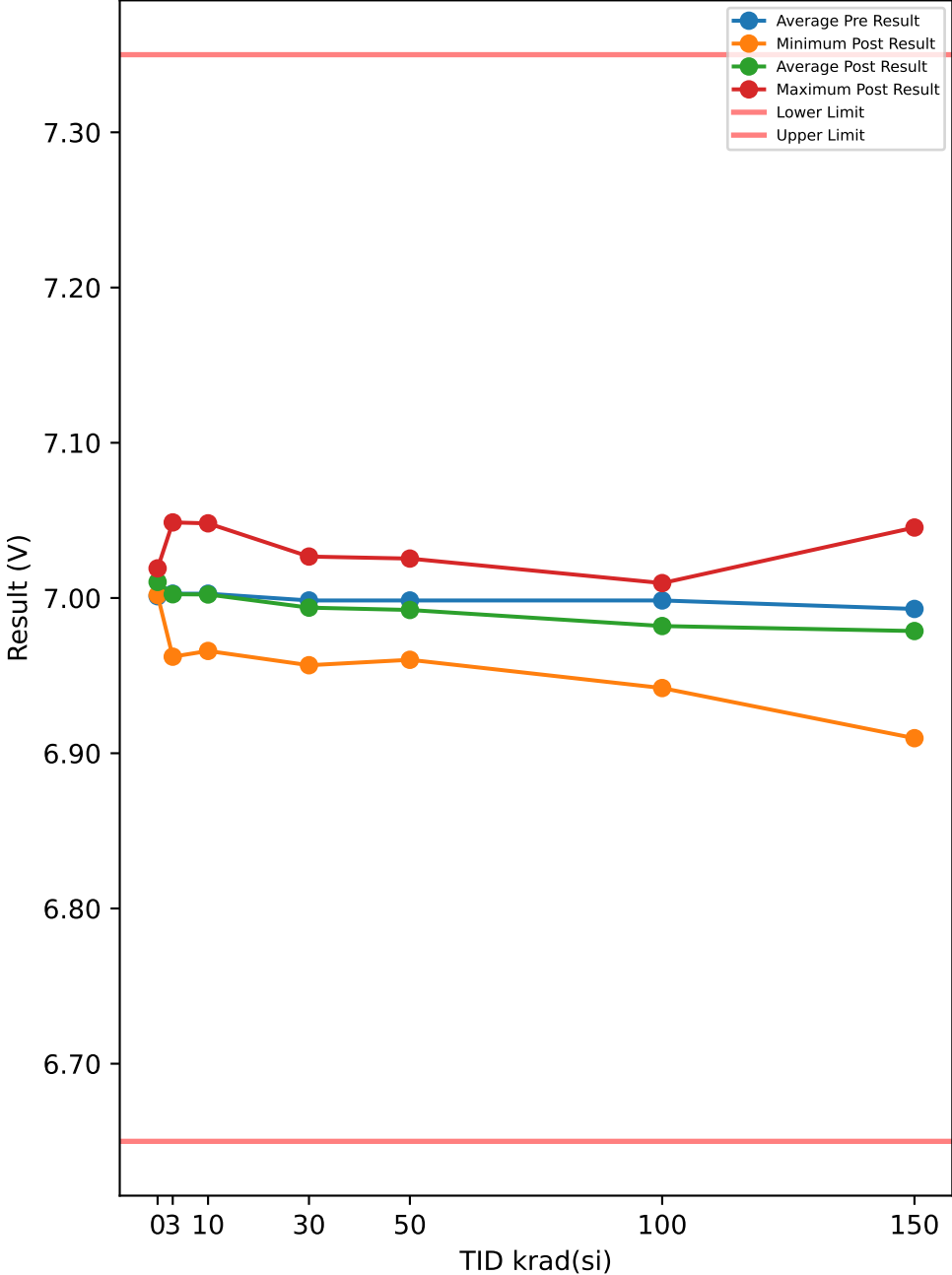
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9975	4.9916	-0.0059
2	0	CORRELATION	4.9977	4.9855	-0.0122
259	3	LDR Biased	5.0132	5.0141	0.0009
426	3	LDR Biased	4.9969	4.9984	0.0015
427	3	LDR Biased	4.9891	4.9904	0.0013
428	3	LDR Biased	4.983	4.9843	0.0013
429	3	LDR Unbiased	4.9859	4.9871	0.0012
430	3	LDR Unbiased	5.0059	5.0082	0.0023
431	3	LDR Unbiased	5.0035	5.0057	0.0022
432	3	LDR Unbiased	4.9919	4.9937	0.0018
433	3	LDR Unbiased	4.9898	4.9912	0.0014
1259	10	LDR Biased	5.0132	5.0161	0.0029
1426	10	LDR Biased	4.9969	4.9966	-0.0003
1427	10	LDR Biased	4.9891	4.9905	0.0014
1428	10	LDR Biased	4.983	4.9833	0.0003
1429	10	LDR Unbiased	4.9859	4.9842	-0.0017
1430	10	LDR Unbiased	5.0059	5.0076	0.0017
1431	10	LDR Unbiased	5.0035	5.0012	-0.0023
1432	10	LDR Unbiased	4.9919	4.996	0.0041
1433	10	LDR Unbiased	4.9898	4.9907	0.0009
2434	30	LDR Biased	4.9963	4.9998	0.0035
2435	30	LDR Biased	5.0106	5.0099	-0.0007
2436	30	LDR Biased	4.9866	4.9893	0.0027
2437	30	LDR Biased	5.0187	5.0159	-0.0028
2438	30	LDR Biased	4.9843	4.9833	-0.001
2439	30	LDR Unbiased	4.9919	4.9911	-0.0008
2440	30	LDR Unbiased	5.0103	5.0117	0.0014
2441	30	LDR Unbiased	4.9975	4.9936	-0.0039
2443	30	LDR Unbiased	4.9977	4.9963	-0.0014
2444	30	LDR Unbiased	5.0187	5.02	0.0013
3434	50	LDR Biased	4.9963	4.9977	0.0014
3435	50	LDR Biased	5.0106	5.008	-0.0026
3436	50	LDR Biased	4.9866	4.9882	0.0016
3437	50	LDR Biased	5.0187	5.0146	-0.0041
3438	50	LDR Biased	4.9843	4.9834	-0.0009
3439	50	LDR Unbiased	4.9919	4.9911	-0.0008
3440	50	LDR Unbiased	5.0103	5.0086	-0.0017
3441	50	LDR Unbiased	4.9975	4.9934	-0.0041
3443	50	LDR Unbiased	4.9977	4.997	-0.0007
3444	50	LDR Unbiased	5.0187	5.0193	0.0006
4434	100	LDR Biased	4.9963	4.9969	0.0006
4435	100	LDR Biased	5.0106	5.0076	-0.003
4436	100	LDR Biased	4.9866	4.9833	-0.0033
4437	100	LDR Biased	5.0187	5.0134	-0.0053
4438	100	LDR Biased	4.9843	4.9803	-0.004
4439	100	LDR Unbiased	4.9919	4.9805	-0.0114
4440	100	LDR Unbiased	5.0103	4.9973	-0.013
4441	100	LDR Unbiased	4.9975	4.9975	0
4443	100	LDR Unbiased	4.9977	4.9967	-0.001
4444	100	LDR Unbiased	5.0187	5.0179	-0.0008
4500	150	LDR Biased	5.0009	4.9828	-0.0181
4501	150	LDR Biased	4.9997	4.9959	-0.0038
4502	150	LDR Biased	5.0165	5.0123	-0.0042
4503	150	LDR Biased	5.0013	5.0012	-0.0001
4504	150	LDR Biased	5.013	4.9924	-0.0206
4505	150	LDR Unbiased	5.0219	4.9972	-0.0247
4506	150	LDR Unbiased	5.0148	4.9895	-0.0253
4507	150	LDR Unbiased	5.0209	5.0206	-0.0003
4508	150	LDR Unbiased	5.0193	5.0272	0.0079
4509	150	LDR Unbiased	4.9908	4.9969	0.0061

Test Statistics (V)

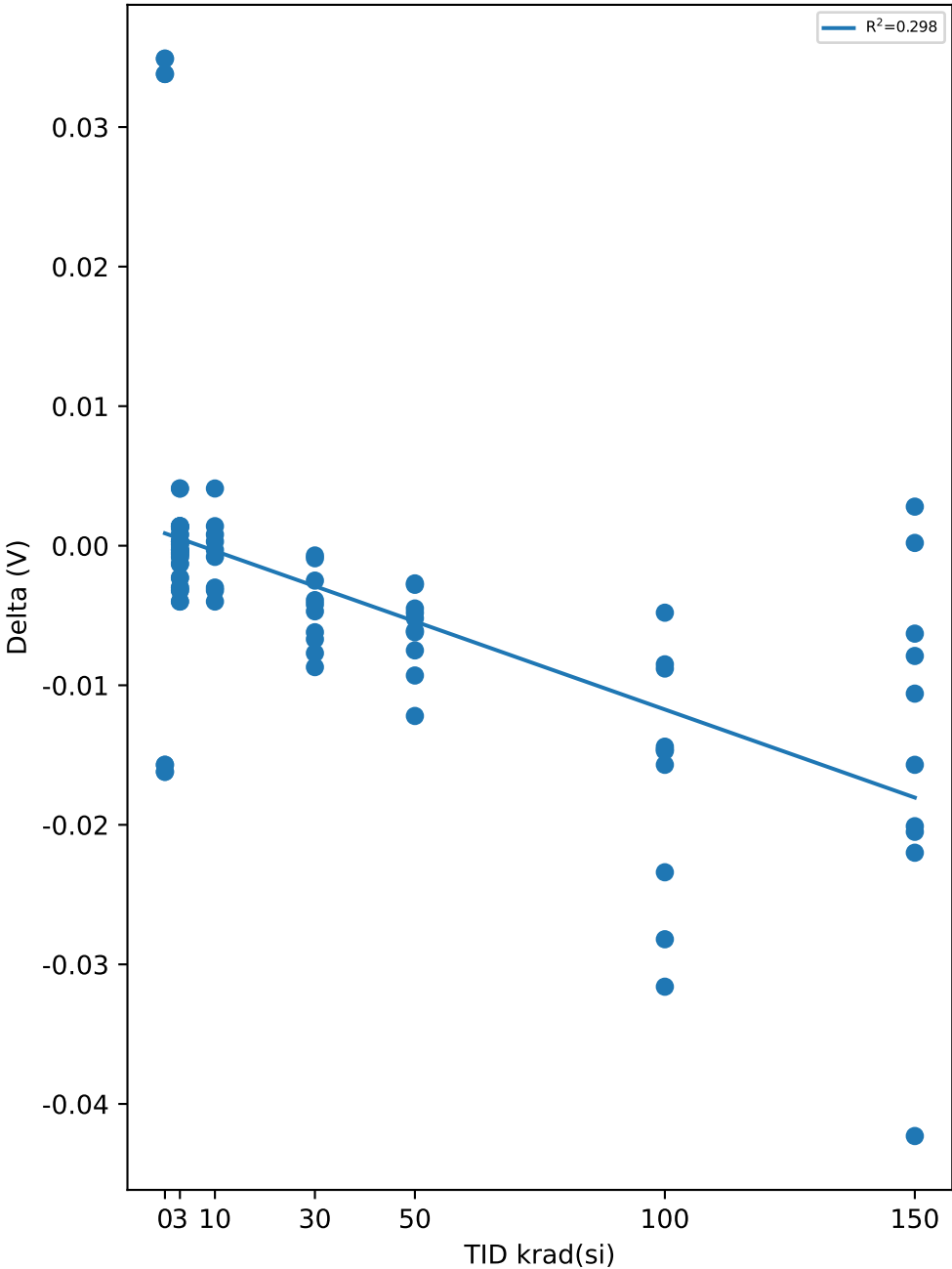
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9975	4.9976	4.9977	0.00014142	4.9855	4.9886	4.9916	0.0043134	-0.0122	-0.00905	-0.0059	0.0044548
3	4.983	4.9955	5.0132	0.010138	4.9843	4.997	5.0141	0.010265	0.0009	0.0015444	0.0023	0.00046667
10	4.983	4.9955	5.0132	0.010138	4.9833	4.9962	5.0161	0.010749	-0.0023	0.00077778	0.0041	0.0020553
30	4.9843	5.0013	5.0187	0.012556	4.9833	5.0011	5.02	0.012486	-0.0039	-0.00017	0.0035	0.002358
50	4.9843	5.0013	5.0187	0.012556	4.9834	5.0001	5.0193	0.011904	-0.0041	-0.00113	0.0016	0.0020364
100	4.9843	5.0013	5.0187	0.012556	4.9803	4.9971	5.0179	0.013154	-0.013	-0.00412	0.0006	0.0046571
150	4.9908	5.0099	5.0219	0.010824	4.9828	5.0016	5.0272	0.014101	-0.0253	-0.00831	0.0079	0.012664

Device Test: 61.21 V_BP7L IIM 5MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

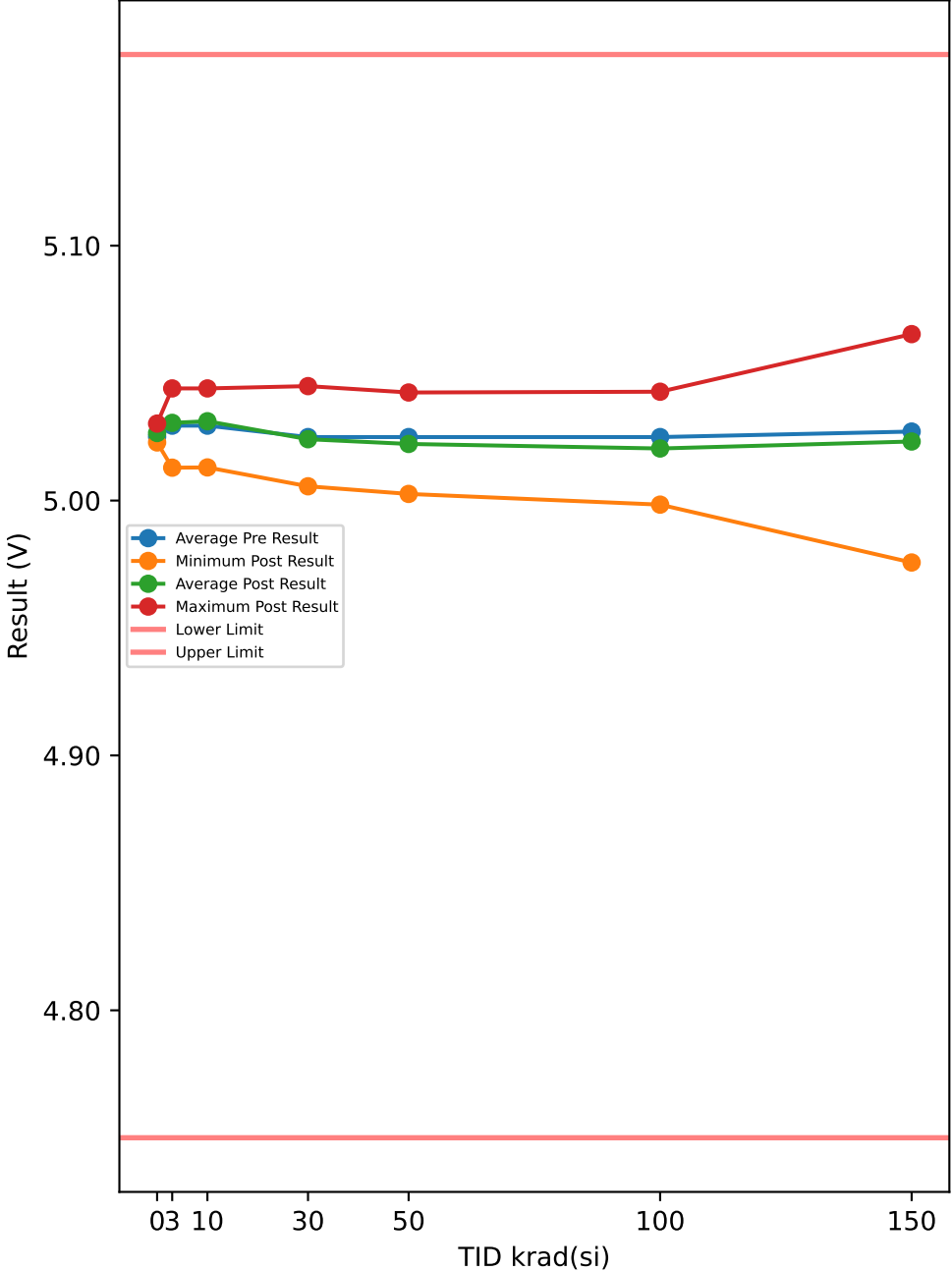
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0181	7.0019	-0.0162
2	0	CORRELATION	6.9842	7.018	0.0338
259	3	LDR Biased	7.0473	7.0487	0.0014
426	3	LDR Biased	6.9871	6.9872	0.0001
427	3	LDR Biased	7.0299	7.0293	-0.0006
428	3	LDR Biased	7.011	7.0107	-0.0003
429	3	LDR Unbiased	7.0048	7.0043	-0.0005
430	3	LDR Unbiased	6.98	6.9803	0.0003
431	3	LDR Unbiased	6.9645	6.9622	-0.0023
432	3	LDR Unbiased	7.0093	7.008	-0.0013
433	3	LDR Unbiased	6.9912	6.9925	0.0013
1259	10	LDR Biased	7.0473	7.0481	0.0008
1426	10	LDR Biased	6.9871	6.9874	0.0003
1427	10	LDR Biased	7.0299	7.0269	-0.003
1428	10	LDR Biased	7.011	7.0107	-0.0003
1429	10	LDR Unbiased	7.0048	7.004	-0.0008
1430	10	LDR Unbiased	6.98	6.9768	-0.0032
1431	10	LDR Unbiased	6.9645	6.9659	0.0014
1432	10	LDR Unbiased	7.0093	7.0053	-0.004
1433	10	LDR Unbiased	6.9912	6.9953	0.0041
2434	30	LDR Biased	6.9774	6.9765	-0.0009
2435	30	LDR Biased	7.0087	7.001	-0.0077
2436	30	LDR Biased	7.0306	7.0267	-0.0039
2437	30	LDR Biased	7.0165	7.0158	-0.0007
2438	30	LDR Biased	7.0254	7.0167	-0.0087
2439	30	LDR Unbiased	6.9629	6.9567	-0.0062
2440	30	LDR Unbiased	6.9654	6.9629	-0.0025
2441	30	LDR Unbiased	7.0181	7.0114	-0.0067
2443	30	LDR Unbiased	6.9842	6.98	-0.0042
2444	30	LDR Unbiased	6.995	6.9903	-0.0047
3434	50	LDR Biased	6.9774	6.9712	-0.0062
3435	50	LDR Biased	7.0087	6.9994	-0.0093
3436	50	LDR Biased	7.0306	7.0254	-0.0052
3437	50	LDR Biased	7.0165	7.0137	-0.0028
3438	50	LDR Biased	7.0254	7.0132	-0.0122
3439	50	LDR Unbiased	6.9629	6.9602	-0.0027
3440	50	LDR Unbiased	6.9654	6.9606	-0.0048
3441	50	LDR Unbiased	7.0181	7.012	-0.0061
3443	50	LDR Unbiased	6.9842	6.9797	-0.0045
3444	50	LDR Unbiased	6.995	6.9875	-0.0075
4434	100	LDR Biased	6.9774	6.9628	-0.0146
4435	100	LDR Biased	7.0087	6.993	-0.0157
4436	100	LDR Biased	7.0306	7.0024	-0.0282
4437	100	LDR Biased	7.0165	7.0021	-0.0144
4438	100	LDR Biased	7.0254	6.9938	-0.0316
4439	100	LDR Unbiased	6.9629	6.9541	-0.0088
4440	100	LDR Unbiased	6.9654	6.942	-0.0234
4441	100	LDR Unbiased	7.0181	7.0096	-0.0085
4443	100	LDR Unbiased	6.9842	6.9794	-0.0048
4444	100	LDR Unbiased	6.995	6.9803	-0.0147
4500	150	LDR Biased	7.0034	6.9814	-0.022
4501	150	LDR Biased	6.9834	6.9755	-0.0079
4502	150	LDR Biased	6.9565	6.9408	-0.0157
4503	150	LDR Biased	7.0152	7.018	0.0028
4504	150	LDR Biased	6.9298	6.9097	-0.0201
4505	150	LDR Unbiased	6.9706	6.9708	0.0002
4506	150	LDR Unbiased	7.0007	6.9802	-0.0205
4507	150	LDR Unbiased	7.056	7.0454	-0.0106
4508	150	LDR Unbiased	6.9914	6.9491	-0.0423
4509	150	LDR Unbiased	7.0226	7.0163	-0.0063

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	6.9842	7.0011	7.0181	0.023971	7.0019	7.0099	7.018	0.011384	-0.0162	0.0088	0.0338	0.035355
3	6.9645	7.0028	7.0473	0.025485	6.9622	7.0026	7.0487	0.025991	-0.0023	-0.00021111	0.0014	0.0011741
10	6.9645	7.0028	7.0473	0.025485	6.9659	7.0023	7.0481	0.025079	-0.004	-0.00052222	0.0041	0.0025743
30	6.9629	6.9984	7.0306	0.024924	6.9567	6.9938	7.0267	0.024234	-0.0087	-0.00462	-0.0007	0.0027357
50	6.9629	6.9984	7.0306	0.024924	6.9602	6.9923	7.0254	0.023784	-0.0122	-0.00613	-0.0027	0.0029235
100	6.9629	6.9984	7.0306	0.024924	6.942	6.982	7.0096	0.022605	-0.0316	-0.01647	-0.0048	0.0087215
150	6.9298	6.993	7.056	0.035635	6.9097	6.9787	7.0454	0.040226	-0.0423	-0.01424	0.0028	0.013075

Device Test: 61.22 V_BP5L IIM 5MHz VIN_12V

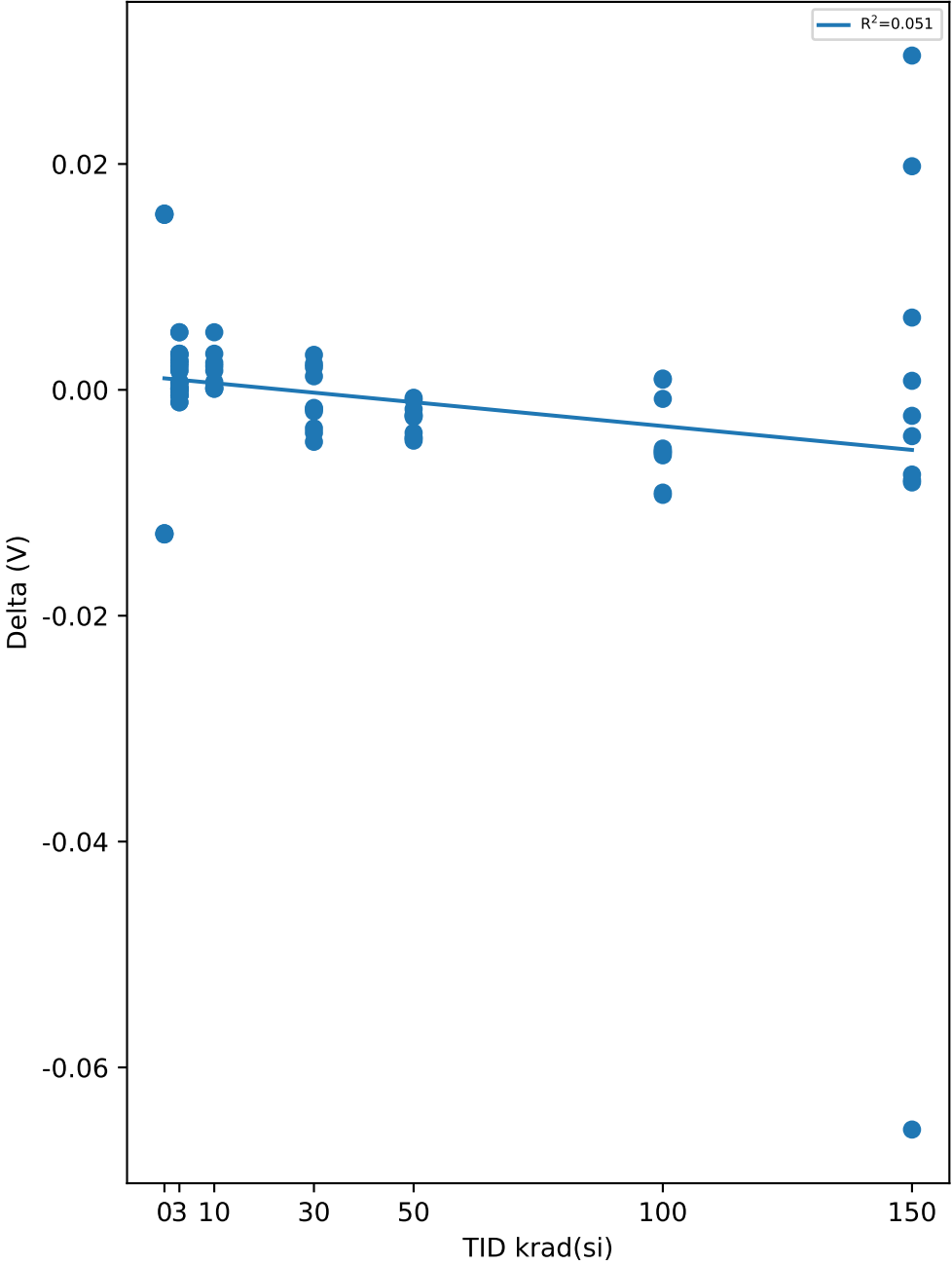
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0146	5.0302	0.0156
2	0	CORRELATION	5.0356	5.0228	-0.0128
259	3	LDR Biased	5.0245	5.0271	0.0026
426	3	LDR Biased	5.0357	5.0352	-0.0005
427	3	LDR Biased	5.0304	5.0335	0.0031
428	3	LDR Biased	5.0433	5.0422	-0.0011
429	3	LDR Unbiased	5.0209	5.0215	0.0006
430	3	LDR Unbiased	5.0129	5.0129	0
431	3	LDR Unbiased	5.0245	5.0246	0.0001
432	3	LDR Unbiased	5.0384	5.0382	-0.0002
433	3	LDR Unbiased	5.0339	5.0334	-0.0005
1259	10	LDR Biased	5.0245	5.0277	0.0032
1426	10	LDR Biased	5.0357	5.0359	0.0002
1427	10	LDR Biased	5.0304	5.0355	0.0051
1428	10	LDR Biased	5.0433	5.044	0.0007
1429	10	LDR Unbiased	5.0209	5.023	0.0021
1430	10	LDR Unbiased	5.0129	5.013	0.0001
1431	10	LDR Unbiased	5.0245	5.0269	0.0024
1432	10	LDR Unbiased	5.0384	5.0385	0.0001
1433	10	LDR Unbiased	5.0339	5.0356	0.0017
2434	30	LDR Biased	5.0418	5.0449	0.0031
2435	30	LDR Biased	5.0234	5.0246	0.0012
2436	30	LDR Biased	5.0081	5.0104	0.0023
2437	30	LDR Biased	5.0043	5.0063	0.002
2438	30	LDR Biased	5.0304	5.0288	-0.0016
2439	30	LDR Unbiased	5.0469	5.0423	-0.0046
2440	30	LDR Unbiased	5.0075	5.0056	-0.0019
2441	30	LDR Unbiased	5.0146	5.0112	-0.0034
2443	30	LDR Unbiased	5.0356	5.0318	-0.0038
2444	30	LDR Unbiased	5.0365	5.0348	-0.0017
3434	50	LDR Biased	5.0418	5.0409	-0.0009
3435	50	LDR Biased	5.0234	5.021	-0.0024
3436	50	LDR Biased	5.0081	5.0038	-0.0043
3437	50	LDR Biased	5.0043	5.0026	-0.0017
3438	50	LDR Biased	5.0304	5.0297	-0.0007
3439	50	LDR Unbiased	5.0469	5.0424	-0.0045
3440	50	LDR Unbiased	5.0075	5.0052	-0.0023
3441	50	LDR Unbiased	5.0146	5.0108	-0.0038
3443	50	LDR Unbiased	5.0356	5.0334	-0.0022
3444	50	LDR Unbiased	5.0365	5.0323	-0.0042
4434	100	LDR Biased	5.0418	5.0427	0.0009
4435	100	LDR Biased	5.0234	5.018	-0.0054
4436	100	LDR Biased	5.0081	5.0029	-0.0052
4437	100	LDR Biased	5.0043	4.9988	-0.0055
4438	100	LDR Biased	5.0304	5.0314	0.001
4439	100	LDR Unbiased	5.0469	5.0376	-0.0093
4440	100	LDR Unbiased	5.0075	4.9984	-0.0091
4441	100	LDR Unbiased	5.0146	5.009	-0.0056
4443	100	LDR Unbiased	5.0356	5.0348	-0.0008
4444	100	LDR Unbiased	5.0365	5.0307	-0.0058
4500	150	LDR Biased	5.0322	5.024	-0.0082
4501	150	LDR Biased	5.0206	5.0131	-0.0075
4502	150	LDR Biased	5.0408	5.0328	-0.008
4503	150	LDR Biased	5.0071	5.0048	-0.0023
4504	150	LDR Biased	5.0421	5.0619	0.0198
4505	150	LDR Unbiased	5.02	5.0159	-0.0041
4506	150	LDR Unbiased	5.0412	4.9757	-0.0655
4507	150	LDR Unbiased	5.016	5.0168	0.0008
4508	150	LDR Unbiased	5.015	5.0214	0.0064
4509	150	LDR Unbiased	5.0357	5.0653	0.0296

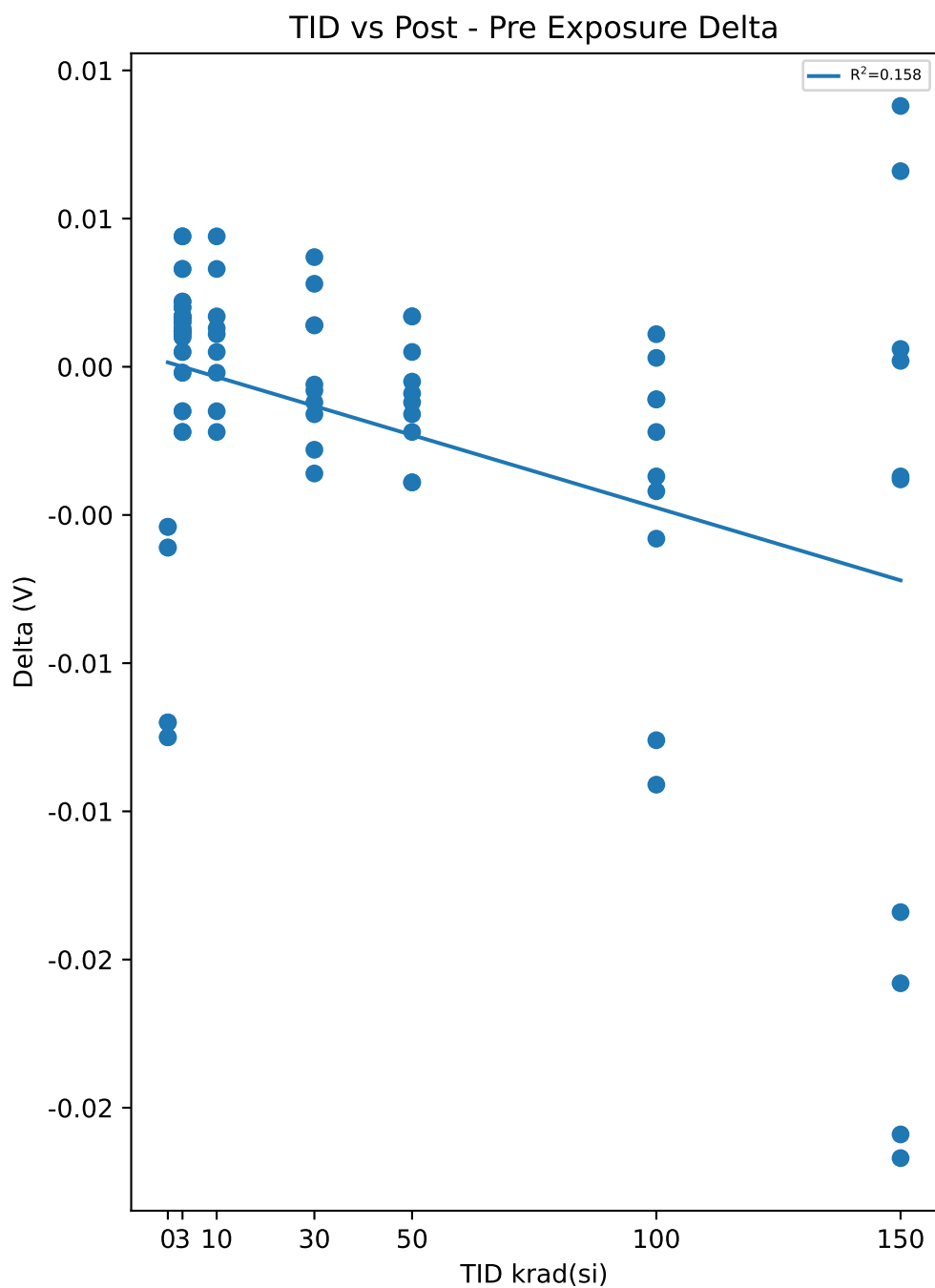
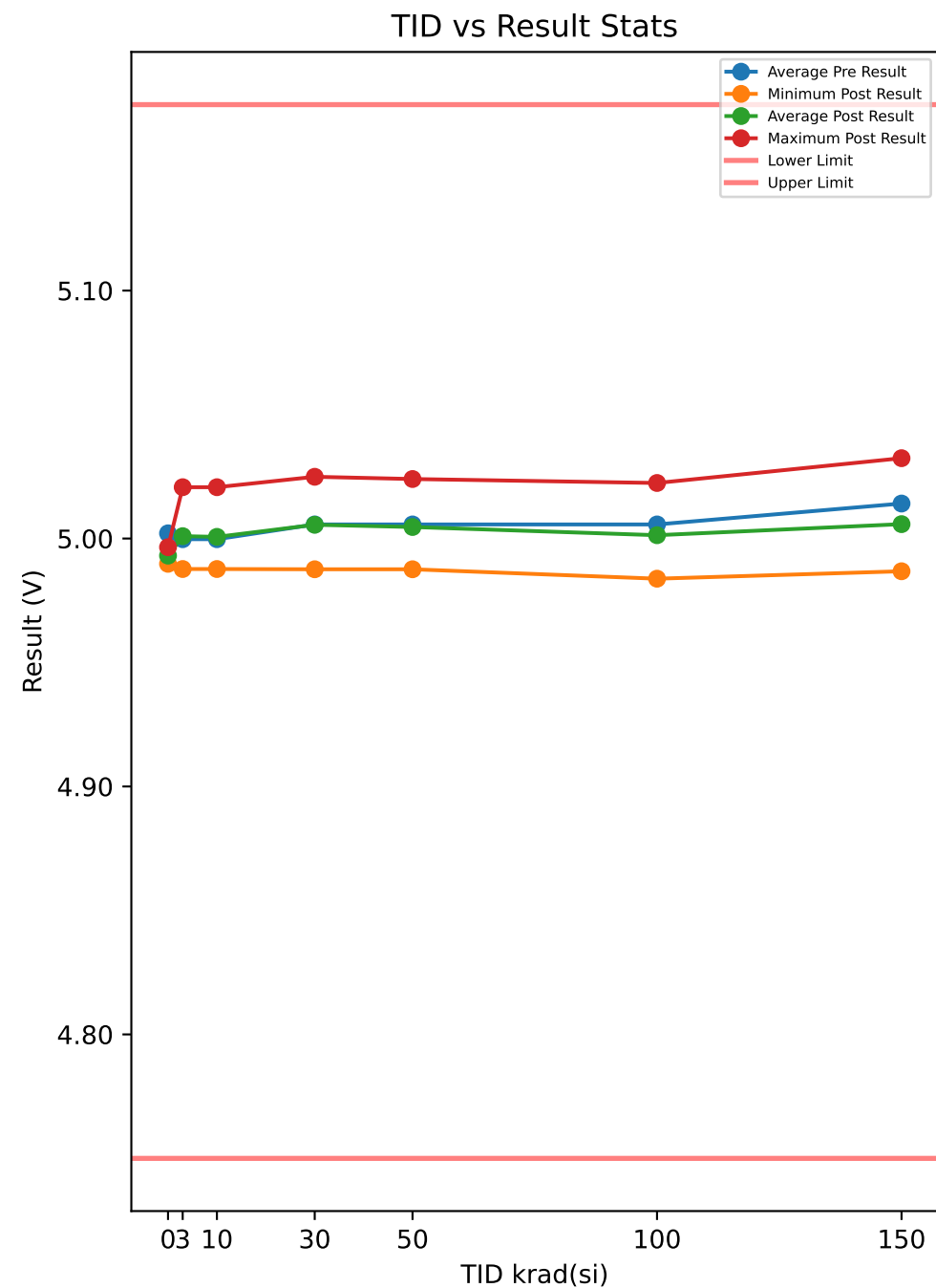
TID vs Post - Pre Exposure Delta



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	5.0146	5.0251	5.0356	0.014849	5.0228	5.0265	5.0302	0.0052326	-0.0128	0.0014	0.0156	0.020082
3	5.0129	5.0294	5.0433	0.0095372	5.0129	5.0298	5.0422	0.0091443	-0.0011	0.00045556	0.0031	0.0014414
10	5.0129	5.0294	5.0433	0.0095372	5.013	5.0311	5.044	0.0093957	0.0001	0.0017333	0.0051	0.0016889
30	5.0043	5.0249	5.0469	0.015516	5.0056	5.0241	5.0449	0.014807	-0.0046	-0.00084	0.0031	0.002779
50	5.0043	5.0249	5.0469	0.015516	5.0026	5.0222	5.0424	0.01558	-0.0045	-0.0027	-0.0007	0.0014142
100	5.0043	5.0249	5.0469	0.015516	4.9984	5.0204	5.0427	0.017062	-0.0093	-0.00448	0.001	0.0036893
150	5.0071	5.0271	5.0421	0.012796	4.9757	5.0232	5.0653	0.026156	-0.0655	-0.0039	0.0296	0.025072

Device Test: 61.23 V BP5H IIM 5MHz VIN 12V



Test Results (Lower Limit = 4.75,
Upper Limit = 5.175 (V))

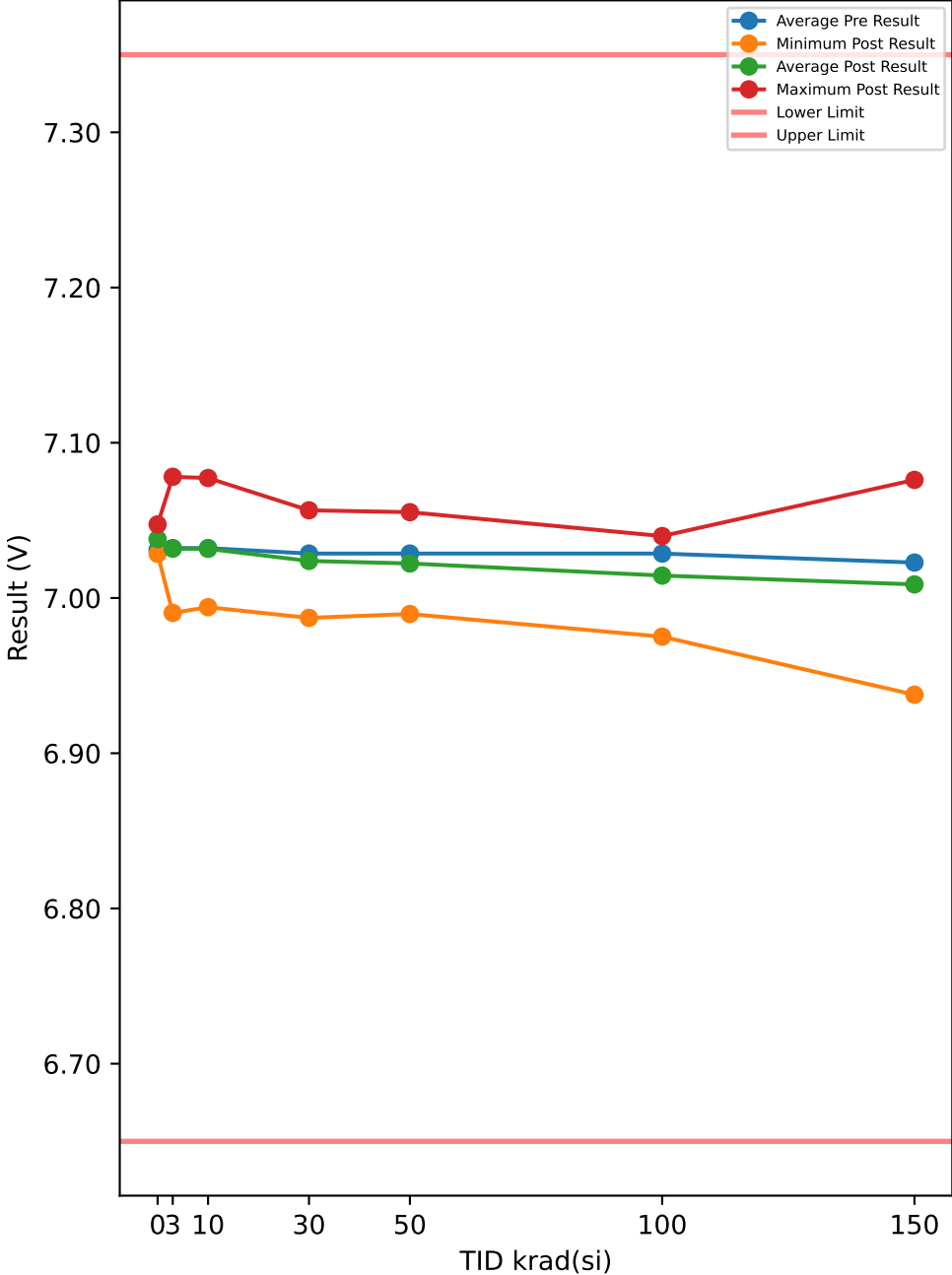
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0019	4.9958	-0.0061
2	0	CORRELATION	5.0023	4.9898	-0.0125
259	3	LDR Biased	5.0174	5.0184	0.001
426	3	LDR Biased	5.0011	5.0026	0.0015
427	3	LDR Biased	4.9936	4.9948	0.0012
428	3	LDR Biased	4.9872	4.9884	0.0012
429	3	LDR Unbiased	4.9899	4.9911	0.0012
430	3	LDR Unbiased	5.0102	5.0124	0.0022
431	3	LDR Unbiased	5.0081	5.0101	0.002
432	3	LDR Unbiased	4.9962	4.9979	0.0017
433	3	LDR Unbiased	4.9939	4.9955	0.0016
1259	10	LDR Biased	5.0174	5.0207	0.0033
1426	10	LDR Biased	5.0011	5.0009	-0.0002
1427	10	LDR Biased	4.9936	4.9949	0.0013
1428	10	LDR Biased	4.9872	4.9877	0.0005
1429	10	LDR Unbiased	4.9899	4.9884	-0.0015
1430	10	LDR Unbiased	5.0102	5.0119	0.0017
1431	10	LDR Unbiased	5.0081	5.0059	-0.0022
1432	10	LDR Unbiased	4.9962	5.0006	0.0044
1433	10	LDR Unbiased	4.9939	4.995	0.0011
2434	30	LDR Biased	5.0006	5.0043	0.0037
2435	30	LDR Biased	5.0149	5.0143	-0.0006
2436	30	LDR Biased	4.991	4.9938	0.0028
2437	30	LDR Biased	5.0228	5.02	-0.0028
2438	30	LDR Biased	4.9888	4.9876	-0.0012
2439	30	LDR Unbiased	4.9964	4.9956	-0.0008
2440	30	LDR Unbiased	5.0146	5.016	0.0014
2441	30	LDR Unbiased	5.0019	4.9983	-0.0036
2443	30	LDR Unbiased	5.0023	5.0007	-0.0016
2444	30	LDR Unbiased	5.0235	5.0249	0.0014
3434	50	LDR Biased	5.0006	5.0023	0.0017
3435	50	LDR Biased	5.0149	5.0127	-0.0022
3436	50	LDR Biased	4.991	4.9927	0.0017
3437	50	LDR Biased	5.0228	5.0189	-0.0039
3438	50	LDR Biased	4.9888	4.9876	-0.0012
3439	50	LDR Unbiased	4.9964	4.9955	-0.0009
3440	50	LDR Unbiased	5.0146	5.013	-0.0016
3441	50	LDR Unbiased	5.0019	4.998	-0.0039
3443	50	LDR Unbiased	5.0023	5.0018	-0.0005
3444	50	LDR Unbiased	5.0235	5.024	0.0005
4434	100	LDR Biased	5.0006	5.0017	0.0011
4435	100	LDR Biased	5.0149	5.0127	-0.0022
4436	100	LDR Biased	4.991	4.9873	-0.0037
4437	100	LDR Biased	5.0228	5.017	-0.0058
4438	100	LDR Biased	4.9888	4.9846	-0.0042
4439	100	LDR Unbiased	4.9964	4.9838	-0.0126
4440	100	LDR Unbiased	5.0146	5.0005	-0.0141
4441	100	LDR Unbiased	5.0019	5.0022	0.0003
4443	100	LDR Unbiased	5.0023	5.0012	-0.0011
4444	100	LDR Unbiased	5.0235	5.0224	-0.0011
4500	150	LDR Biased	5.0052	4.9868	-0.0184
4501	150	LDR Biased	5.0039	5.0002	-0.0037
4502	150	LDR Biased	5.021	5.0172	-0.0038
4503	150	LDR Biased	5.0055	5.0057	0.0002
4504	150	LDR Biased	5.0172	4.9964	-0.0208
4505	150	LDR Unbiased	5.0254	4.9995	-0.0259
4506	150	LDR Unbiased	5.0187	4.992	-0.0267
4507	150	LDR Unbiased	5.0253	5.0259	0.0006
4508	150	LDR Unbiased	5.0236	5.0324	0.0088
4509	150	LDR Unbiased	4.9953	5.0019	0.0066

Test Statistics (V)

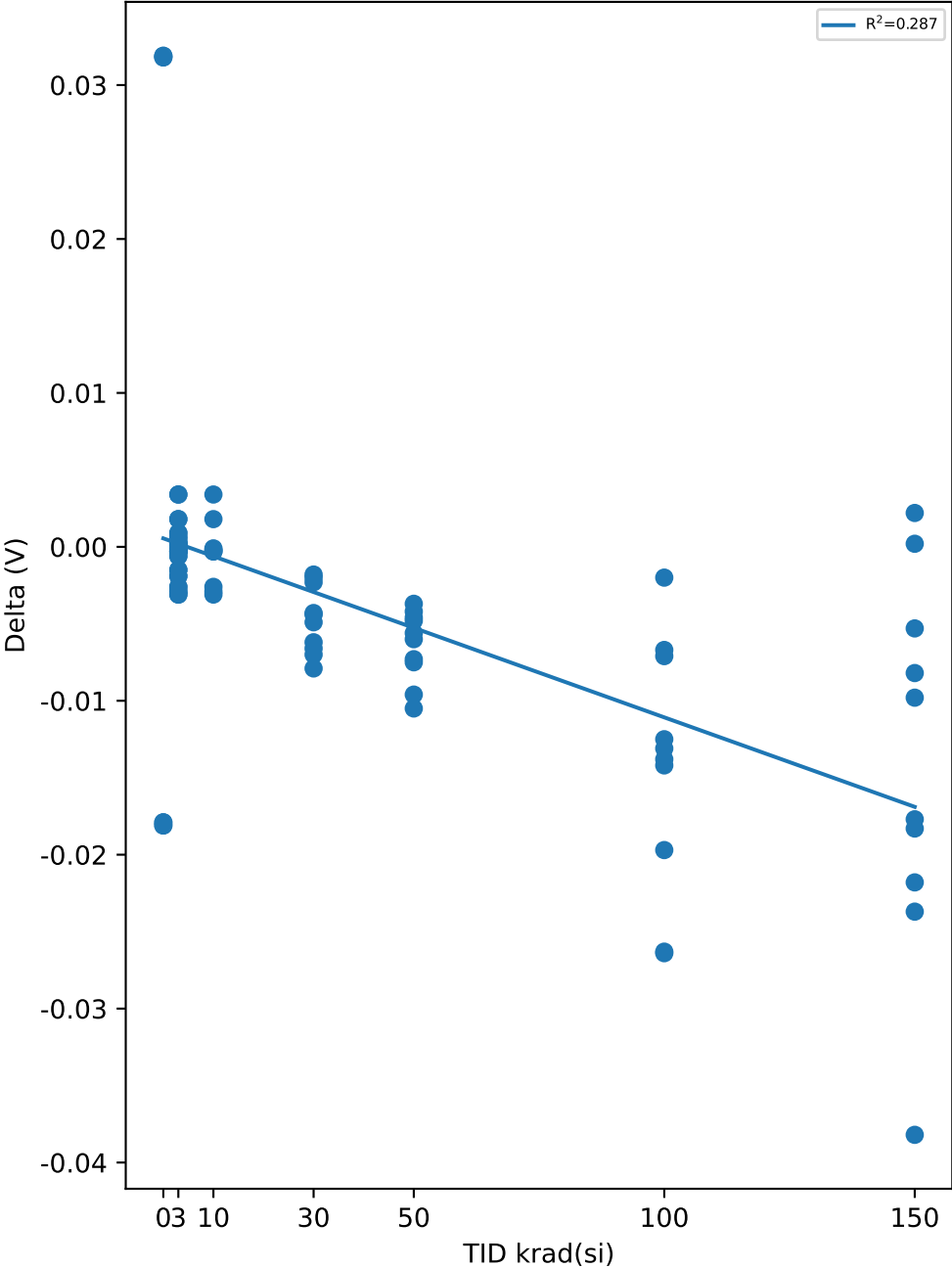
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.0019	5.0021	5.0023	0.00028284	4.9898	4.9928	4.9958	0.0042426	-0.0125	-0.0093	-0.0061	0.0045255
3	4.9872	4.9997	5.0174	0.010195	4.9884	5.0012	5.0184	0.010324	0.001	0.0015111	0.0022	0.00040449
10	4.9872	4.9997	5.0174	0.010195	4.9877	5.0007	5.0207	0.010834	-0.0022	0.00093333	0.0044	0.0021089
30	4.9888	5.0057	5.0235	0.012531	4.9876	5.0056	5.0249	0.012498	-0.0036	-0.00013	0.0037	0.0023824
50	4.9888	5.0057	5.0235	0.012531	4.9876	5.0046	5.024	0.011959	-0.0039	-0.00103	0.0017	0.0019928
100	4.9888	5.0057	5.0235	0.012531	4.9838	5.0013	5.0224	0.013352	-0.0141	-0.00434	0.0011	0.0051934
150	4.9953	5.0141	5.0254	0.01071	4.9868	5.0058	5.0324	0.014786	-0.0267	-0.00831	0.0088	0.013391

Device Test: 61.3 V_BP7L PWM 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

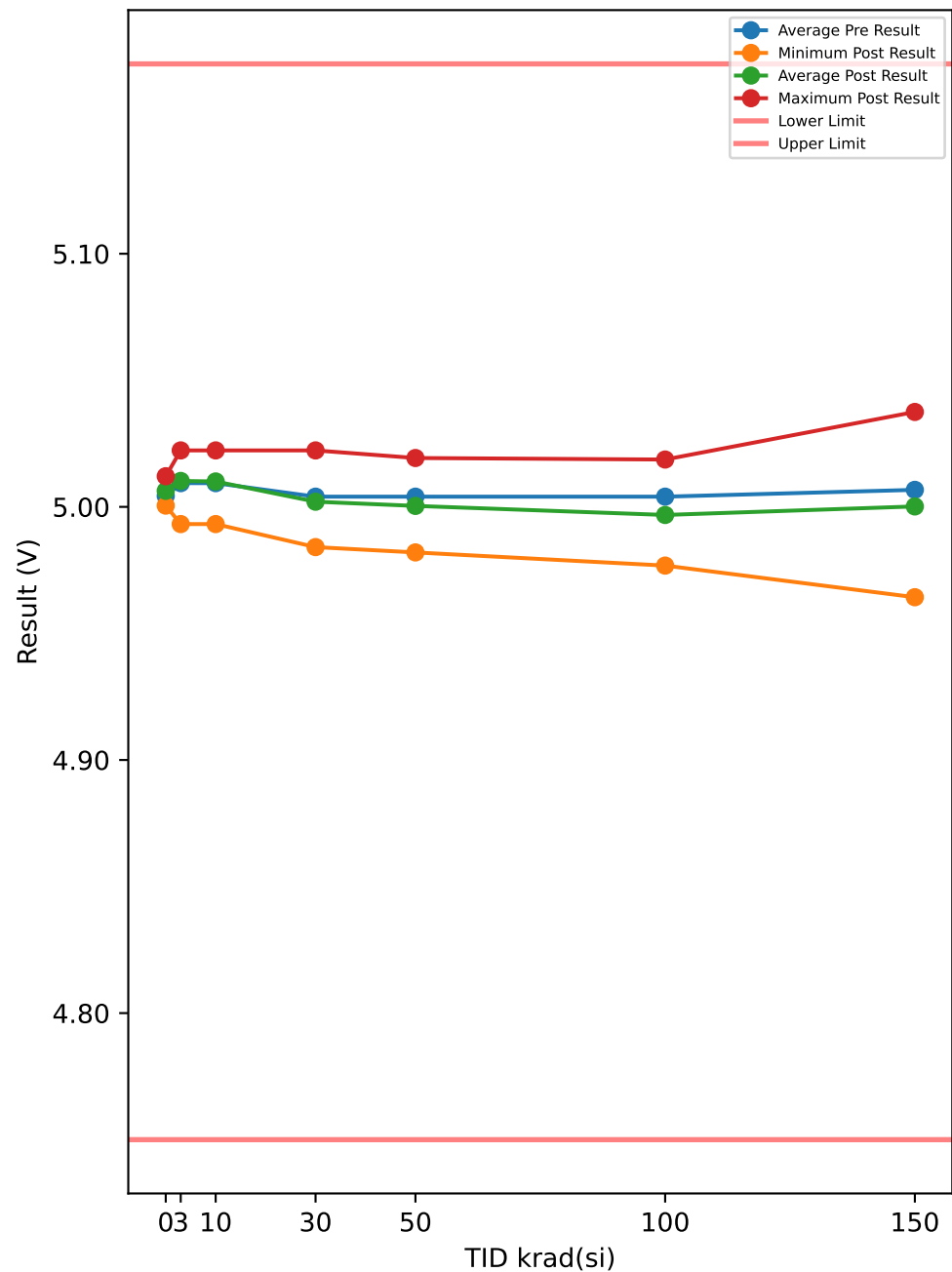
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0466	7.0287	-0.0179
2	0	CORRELATION	7.0155	7.0473	0.0318
259	3	LDR Biased	7.0775	7.0781	0.0006
426	3	LDR Biased	7.0164	7.0166	0.0002
427	3	LDR Biased	7.0593	7.0596	0.0003
428	3	LDR Biased	7.0411	7.0405	-0.0006
429	3	LDR Unbiased	7.0354	7.0351	-0.0003
430	3	LDR Unbiased	7.0081	7.0082	0.0001
431	3	LDR Unbiased	6.9923	6.9904	-0.0019
432	3	LDR Unbiased	7.038	7.0365	-0.0015
433	3	LDR Unbiased	7.0213	7.0222	0.0009
1259	10	LDR Biased	7.0775	7.0773	-0.0002
1426	10	LDR Biased	7.0164	7.0161	-0.0003
1427	10	LDR Biased	7.0593	7.0567	-0.0026
1428	10	LDR Biased	7.0411	7.041	-0.0001
1429	10	LDR Unbiased	7.0354	7.0351	-0.0003
1430	10	LDR Unbiased	7.0081	7.0052	-0.0029
1431	10	LDR Unbiased	6.9923	6.9941	0.0018
1432	10	LDR Unbiased	7.038	7.0349	-0.0031
1433	10	LDR Unbiased	7.0213	7.0247	0.0034
2434	30	LDR Biased	7.0073	7.005	-0.0023
2435	30	LDR Biased	7.0398	7.0319	-0.0079
2436	30	LDR Biased	7.0609	7.0565	-0.0044
2437	30	LDR Biased	7.0482	7.0464	-0.0018
2438	30	LDR Biased	7.0557	7.0491	-0.0066
2439	30	LDR Unbiased	6.9934	6.9872	-0.0062
2440	30	LDR Unbiased	6.9948	6.9928	-0.002
2441	30	LDR Unbiased	7.0466	7.0396	-0.007
2443	30	LDR Unbiased	7.0155	7.0112	-0.0043
2444	30	LDR Unbiased	7.0241	7.0192	-0.0049
3434	50	LDR Biased	7.0073	6.9998	-0.0075
3435	50	LDR Biased	7.0398	7.0302	-0.0096
3436	50	LDR Biased	7.0609	7.0553	-0.0056
3437	50	LDR Biased	7.0482	7.044	-0.0042
3438	50	LDR Biased	7.0557	7.0452	-0.0105
3439	50	LDR Unbiased	6.9934	6.9897	-0.0037
3440	50	LDR Unbiased	6.9948	6.9902	-0.0046
3441	50	LDR Unbiased	7.0466	7.0406	-0.006
3443	50	LDR Unbiased	7.0155	7.0107	-0.0048
3444	50	LDR Unbiased	7.0241	7.0168	-0.0073
4434	100	LDR Biased	7.0073	6.9948	-0.0125
4435	100	LDR Biased	7.0398	7.026	-0.0138
4436	100	LDR Biased	7.0609	7.0346	-0.0263
4437	100	LDR Biased	7.0482	7.034	-0.0142
4438	100	LDR Biased	7.0557	7.0293	-0.0264
4439	100	LDR Unbiased	6.9934	6.9863	-0.0071
4440	100	LDR Unbiased	6.9948	6.9751	-0.0197
4441	100	LDR Unbiased	7.0466	7.0399	-0.0067
4443	100	LDR Unbiased	7.0155	7.0135	-0.002
4444	100	LDR Unbiased	7.0241	7.011	-0.0131
4500	150	LDR Biased	7.0336	7.0099	-0.0237
4501	150	LDR Biased	7.0131	7.0049	-0.0082
4502	150	LDR Biased	6.9867	6.9684	-0.0183
4503	150	LDR Biased	7.046	7.0482	0.0022
4504	150	LDR Biased	6.9595	6.9377	-0.0218
4505	150	LDR Unbiased	7.0006	7.0008	0.0002
4506	150	LDR Unbiased	7.03	7.0123	-0.0177
4507	150	LDR Unbiased	7.0859	7.0761	-0.0098
4508	150	LDR Unbiased	7.0204	6.9822	-0.0382
4509	150	LDR Unbiased	7.0525	7.0472	-0.0053

Test Statistics (V)

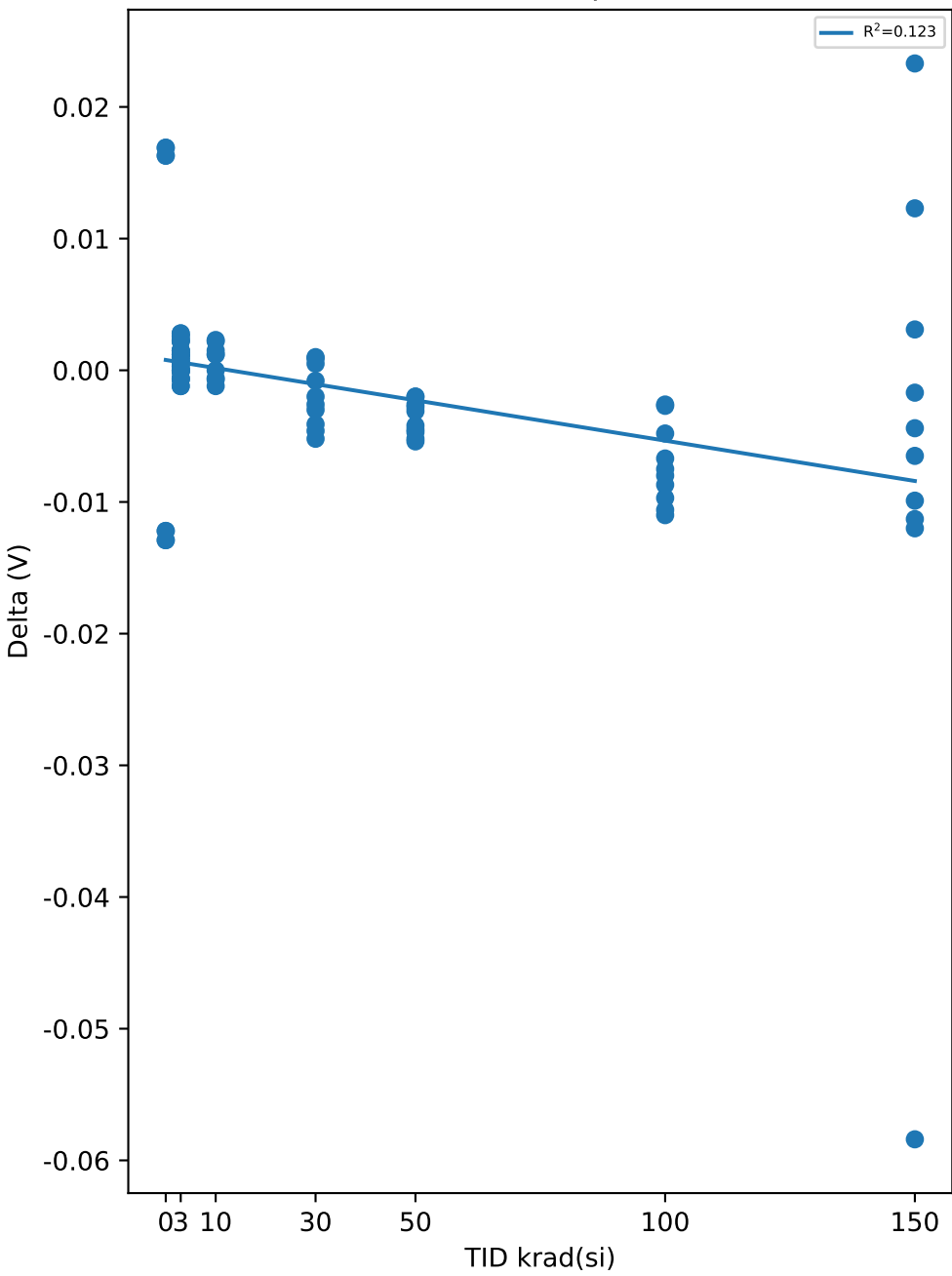
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0155	7.0311	7.0466	0.021991	7.0287	7.038	7.0473	0.013152	-0.0179	0.00695	0.0318	0.035143
3	6.9923	7.0322	7.0775	0.026103	6.9904	7.0319	7.0781	0.026503	-0.0019	-0.00024444	0.0009	0.00094089
10	6.9923	7.0322	7.0775	0.026103	6.9941	7.0317	7.0773	0.025547	-0.0031	-0.00047778	0.0034	0.0021724
30	6.9934	7.0286	7.0609	0.02503	6.9872	7.0239	7.0565	0.024425	-0.0079	-0.00474	-0.0018	0.002189
50	6.9934	7.0286	7.0609	0.02503	6.9897	7.0222	7.0553	0.024143	-0.0105	-0.00638	-0.0037	0.0023045
100	6.9934	7.0286	7.0609	0.02503	6.9751	7.0144	7.0399	0.022434	-0.0264	-0.01418	-0.002	0.008064
150	6.9595	7.0228	7.0859	0.035704	6.9377	7.0088	7.0761	0.040884	-0.0382	-0.01406	0.0022	0.01231

Device Test: 61.4 V_BP5L PWM 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

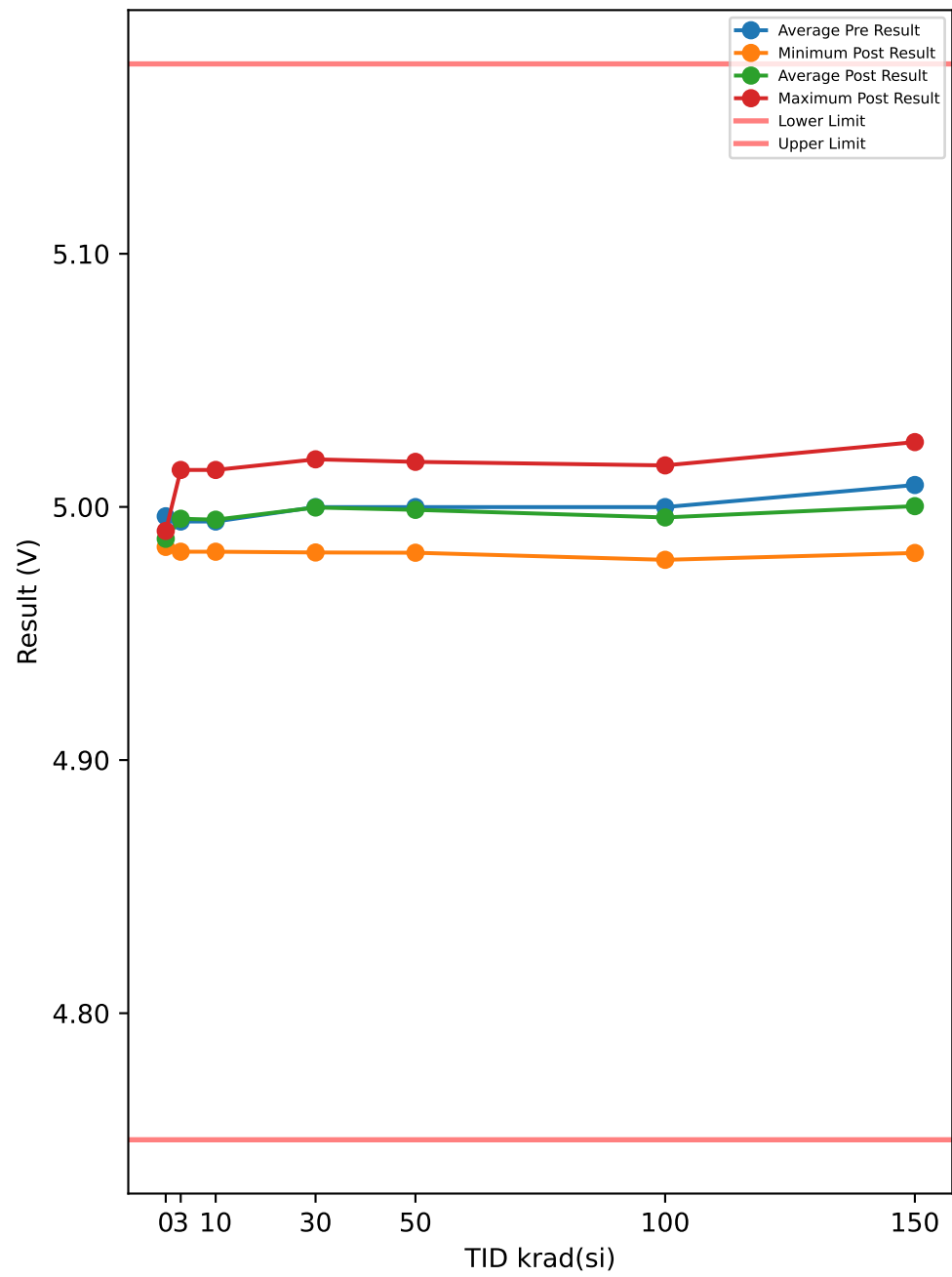
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9952	5.0115	0.0163
2	0	CORRELATION	5.0134	5.0005	-0.0129
259	3	LDR Biased	5.0053	5.0081	0.0028
426	3	LDR Biased	5.0141	5.0141	0
427	3	LDR Biased	5.0114	5.014	0.0026
428	3	LDR Biased	5.0223	5.0222	-0.0001
429	3	LDR Unbiased	5.0008	5.0023	0.0015
430	3	LDR Unbiased	4.9938	4.9946	0.0008
431	3	LDR Unbiased	5.0048	5.0058	0.001
432	3	LDR Unbiased	5.0176	5.0182	0.0006
433	3	LDR Unbiased	5.0143	5.0146	0.0003
1259	10	LDR Biased	5.0053	5.0075	0.0022
1426	10	LDR Biased	5.0141	5.0129	-0.0012
1427	10	LDR Biased	5.0114	5.0137	0.0023
1428	10	LDR Biased	5.0223	5.0223	0
1429	10	LDR Unbiased	5.0008	5.002	0.0012
1430	10	LDR Unbiased	4.9938	4.9932	-0.0006
1431	10	LDR Unbiased	5.0048	5.0063	0.0015
1432	10	LDR Unbiased	5.0176	5.0169	-0.0007
1433	10	LDR Unbiased	5.0143	5.0155	0.0012
2434	30	LDR Biased	5.0213	5.0223	0.001
2435	30	LDR Biased	5.0038	5.003	-0.0008
2436	30	LDR Biased	4.9872	4.9881	0.0009
2437	30	LDR Biased	4.9848	4.9853	0.0005
2438	30	LDR Biased	5.0088	5.0062	-0.0026
2439	30	LDR Unbiased	5.0235	5.0183	-0.0052
2440	30	LDR Unbiased	4.9871	4.9841	-0.003
2441	30	LDR Unbiased	4.9952	4.9911	-0.0041
2443	30	LDR Unbiased	5.0134	5.0088	-0.0046
2444	30	LDR Unbiased	5.0152	5.0132	-0.002
3434	50	LDR Biased	5.0213	5.0193	-0.002
3435	50	LDR Biased	5.0038	4.9993	-0.0045
3436	50	LDR Biased	4.9872	4.982	-0.0052
3437	50	LDR Biased	4.9848	4.9822	-0.0026
3438	50	LDR Biased	5.0088	5.0068	-0.002
3439	50	LDR Unbiased	5.0235	5.0181	-0.0054
3440	50	LDR Unbiased	4.9871	4.9843	-0.0028
3441	50	LDR Unbiased	4.9952	4.9905	-0.0047
3443	50	LDR Unbiased	5.0134	5.0103	-0.0031
3444	50	LDR Unbiased	5.0152	5.011	-0.0042
4434	100	LDR Biased	5.0213	5.0187	-0.0026
4435	100	LDR Biased	5.0038	4.9932	-0.0106
4436	100	LDR Biased	4.9872	4.9785	-0.0087
4437	100	LDR Biased	4.9848	4.9768	-0.008
4438	100	LDR Biased	5.0088	5.0061	-0.0027
4439	100	LDR Unbiased	5.0235	5.0125	-0.011
4440	100	LDR Unbiased	4.9871	4.9774	-0.0097
4441	100	LDR Unbiased	4.9952	4.9877	-0.0075
4443	100	LDR Unbiased	5.0134	5.0086	-0.0048
4444	100	LDR Unbiased	5.0152	5.0085	-0.0067
4500	150	LDR Biased	5.0115	4.9995	-0.012
4501	150	LDR Biased	5.0005	4.9906	-0.0099
4502	150	LDR Biased	5.0195	5.0082	-0.0113
4503	150	LDR Biased	4.9879	4.9835	-0.0044
4504	150	LDR Biased	5.0208	5.0331	0.0123
4505	150	LDR Unbiased	4.9995	4.993	-0.0065
4506	150	LDR Unbiased	5.0227	4.9643	-0.0584
4507	150	LDR Unbiased	4.995	4.9933	-0.0017
4508	150	LDR Unbiased	4.9956	4.9987	0.0031
4509	150	LDR Unbiased	5.0142	5.0375	0.0233

Test Statistics (V)

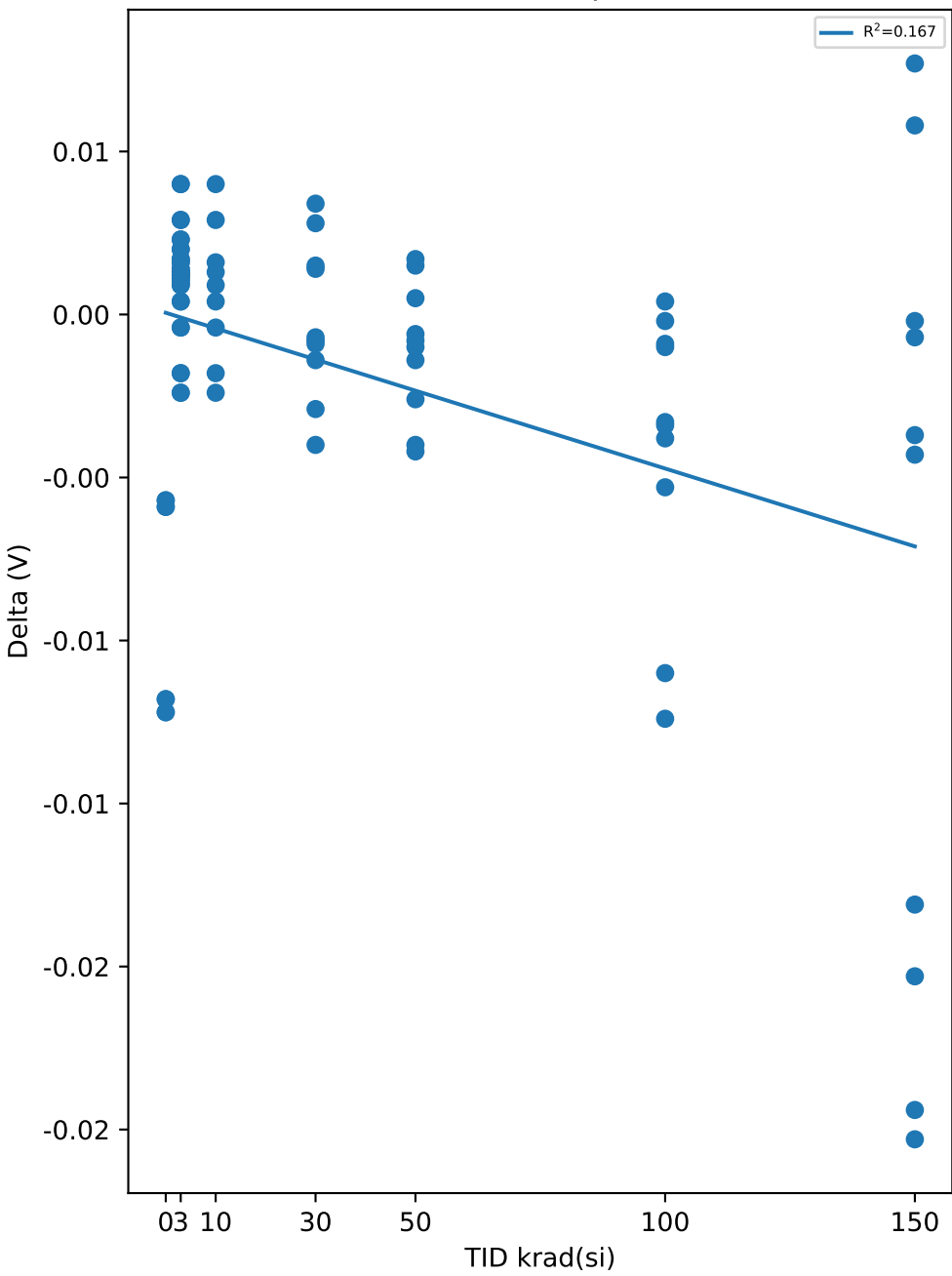
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9952	5.0043	5.0134	0.012869	5.0005	5.006	5.0115	0.0077782	-0.0129	0.0017	0.0163	0.020648
3	4.9938	5.0094	5.0223	0.0089375	4.9946	5.0104	5.0222	0.0085591	-0.0001	0.0010556	0.0028	0.0010561
10	4.9938	5.0094	5.0223	0.0089375	4.9932	5.01	5.0223	0.0087851	-0.0012	0.00065556	0.0023	0.0013078
30	4.9848	5.004	5.0235	0.014645	4.9841	5.002	5.0223	0.014061	-0.0052	-0.00199	0.001	0.0023062
50	4.9848	5.004	5.0235	0.014645	4.982	5.0004	5.0193	0.01472	-0.0054	-0.00365	-0.002	0.0012981
100	4.9848	5.004	5.0235	0.014645	4.9768	4.9968	5.0187	0.015971	-0.011	-0.00723	-0.0026	0.0030302
150	4.9879	5.0067	5.0227	0.01248	4.9643	5.0002	5.0375	0.021857	-0.0584	-0.00655	0.0233	0.021395

Device Test: 61.5 V_BP5H PWM 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

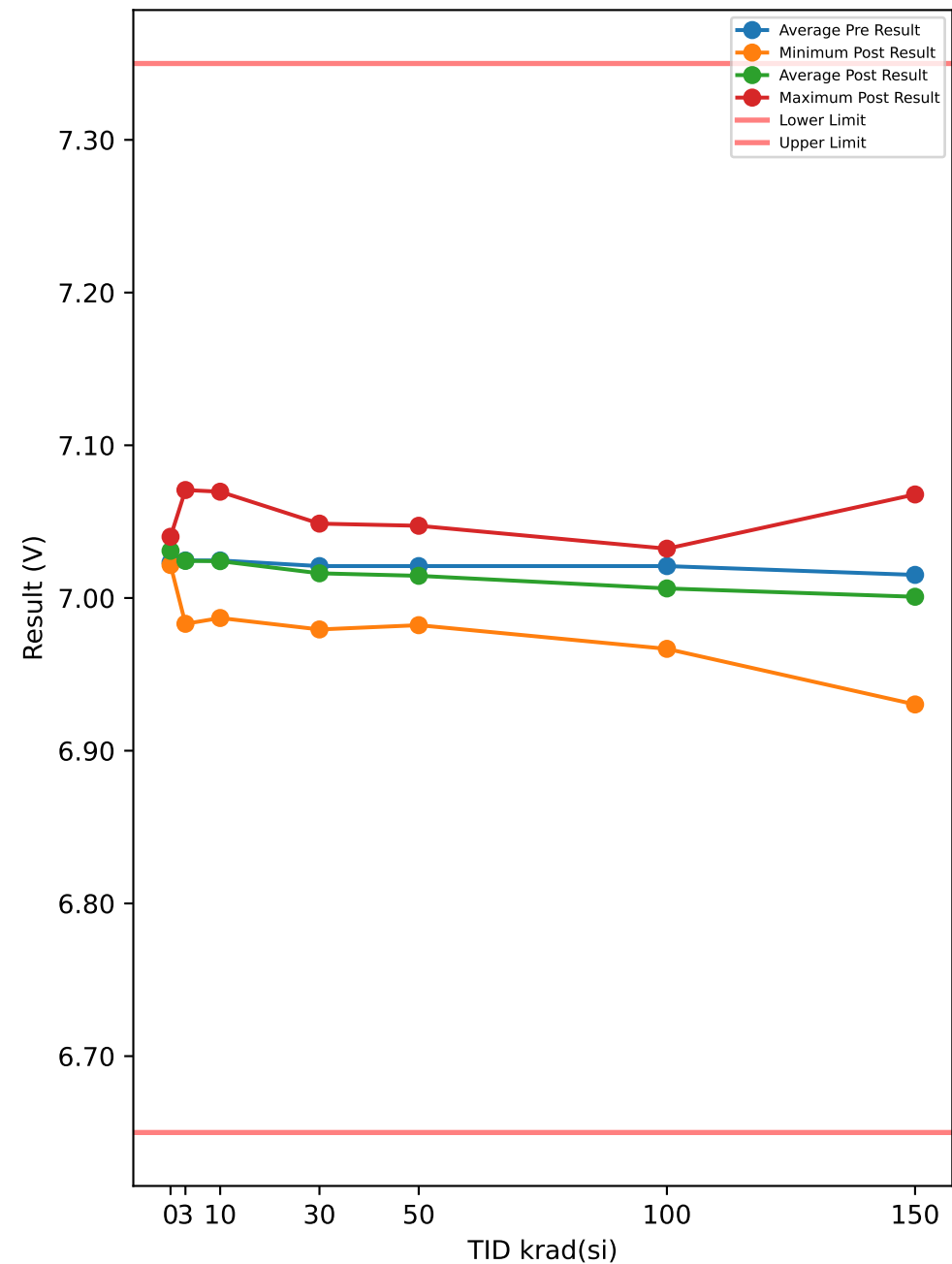
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9962	4.9903	-0.0059
2	0	CORRELATION	4.9964	4.9842	-0.0122
259	3	LDR Biased	5.0117	5.0127	0.001
426	3	LDR Biased	4.9957	4.9971	0.0014
427	3	LDR Biased	4.9879	4.989	0.0011
428	3	LDR Biased	4.9819	4.9831	0.0012
429	3	LDR Unbiased	4.9847	4.9859	0.0012
430	3	LDR Unbiased	5.0047	5.007	0.0023
431	3	LDR Unbiased	5.0022	5.0042	0.002
432	3	LDR Unbiased	4.9907	4.9924	0.0017
433	3	LDR Unbiased	4.9886	4.9899	0.0013
1259	10	LDR Biased	5.0117	5.0146	0.0029
1426	10	LDR Biased	4.9957	4.9953	-0.0004
1427	10	LDR Biased	4.9879	4.9892	0.0013
1428	10	LDR Biased	4.9819	4.9823	0.0004
1429	10	LDR Unbiased	4.9847	4.9829	-0.0018
1430	10	LDR Unbiased	5.0047	5.0063	0.0016
1431	10	LDR Unbiased	5.0022	4.9998	-0.0024
1432	10	LDR Unbiased	4.9907	4.9947	0.004
1433	10	LDR Unbiased	4.9886	4.9895	0.0009
2434	30	LDR Biased	4.9951	4.9985	0.0034
2435	30	LDR Biased	5.0092	5.0085	-0.0007
2436	30	LDR Biased	4.9853	4.9881	0.0028
2437	30	LDR Biased	5.0174	5.0145	-0.0029
2438	30	LDR Biased	4.9829	4.982	-0.0009
2439	30	LDR Unbiased	4.9906	4.9898	-0.0008
2440	30	LDR Unbiased	5.0089	5.0103	0.0014
2441	30	LDR Unbiased	4.9962	4.9922	-0.004
2443	30	LDR Unbiased	4.9964	4.995	-0.0014
2444	30	LDR Unbiased	5.0173	5.0188	0.0015
3434	50	LDR Biased	4.9951	4.9966	0.0015
3435	50	LDR Biased	5.0092	5.0066	-0.0026
3436	50	LDR Biased	4.9853	4.987	0.0017
3437	50	LDR Biased	5.0174	5.0134	-0.004
3438	50	LDR Biased	4.9829	4.9819	-0.001
3439	50	LDR Unbiased	4.9906	4.9898	-0.0008
3440	50	LDR Unbiased	5.0089	5.0075	-0.0014
3441	50	LDR Unbiased	4.9962	4.992	-0.0042
3443	50	LDR Unbiased	4.9964	4.9958	-0.0006
3444	50	LDR Unbiased	5.0173	5.0178	0.0005
4434	100	LDR Biased	4.9951	4.9955	0.0004
4435	100	LDR Biased	5.0092	5.0059	-0.0033
4436	100	LDR Biased	4.9853	4.9819	-0.0034
4437	100	LDR Biased	5.0174	5.0121	-0.0053
4438	100	LDR Biased	4.9829	4.9791	-0.0038
4439	100	LDR Unbiased	4.9906	4.9796	-0.011
4440	100	LDR Unbiased	5.0089	4.9965	-0.0124
4441	100	LDR Unbiased	4.9962	4.996	-0.0002
4443	100	LDR Unbiased	4.9964	4.9954	-0.001
4444	100	LDR Unbiased	5.0173	5.0164	-0.0009
4500	150	LDR Biased	4.9999	4.9818	-0.0181
4501	150	LDR Biased	4.9984	4.9947	-0.0037
4502	150	LDR Biased	5.0152	5.0109	-0.0043
4503	150	LDR Biased	5	4.9998	-0.0002
4504	150	LDR Biased	5.0118	4.9915	-0.0203
4505	150	LDR Unbiased	5.0208	4.9964	-0.0244
4506	150	LDR Unbiased	5.0135	4.9882	-0.0253
4507	150	LDR Unbiased	5.0196	5.0189	-0.0007
4508	150	LDR Unbiased	5.0179	5.0256	0.0077
4509	150	LDR Unbiased	4.9894	4.9952	0.0058

Test Statistics (V)

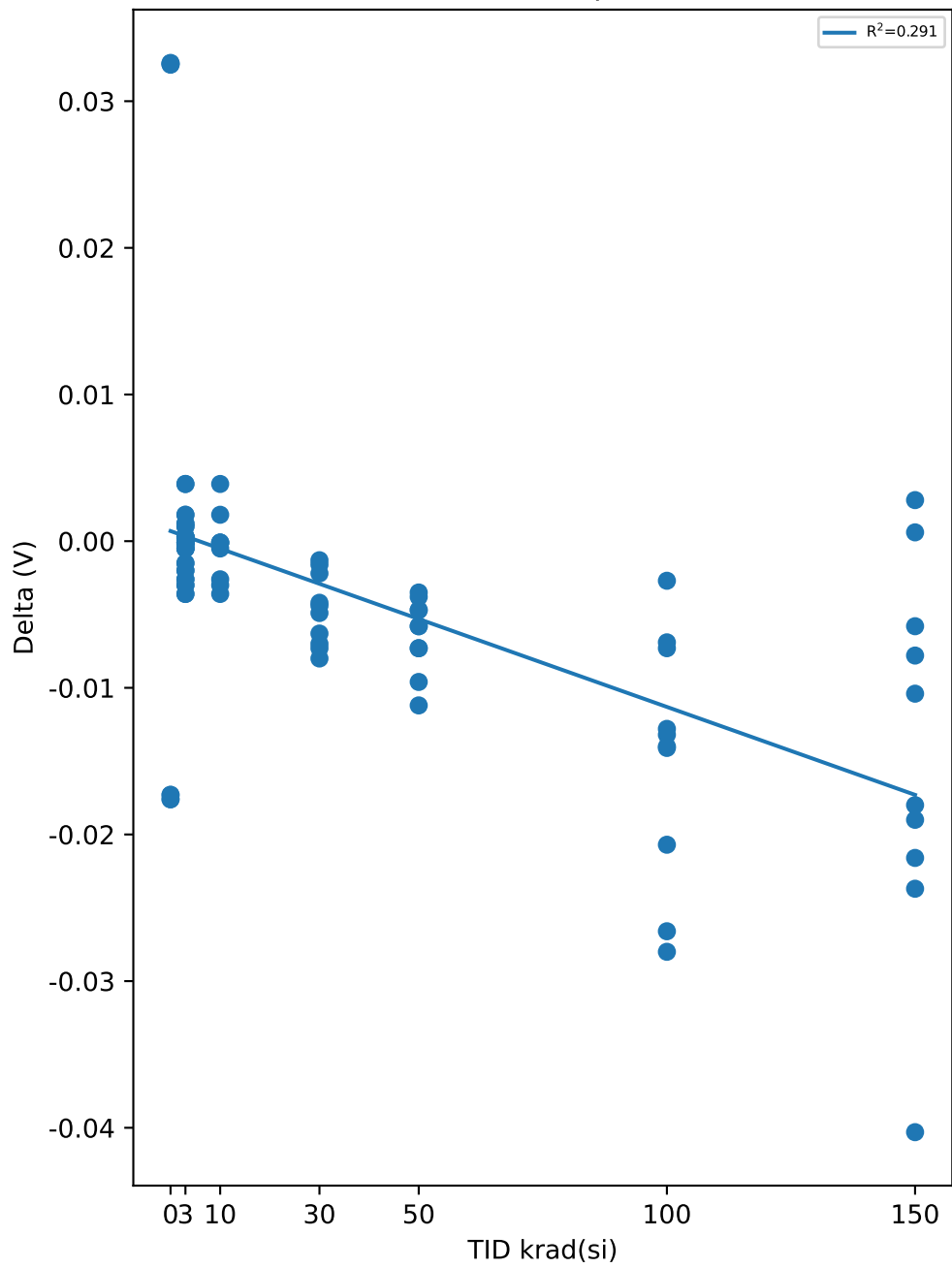
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9962	4.9963	4.9964	0.00014142	4.9842	4.9873	4.9903	0.0043134	-0.0122	-0.00905	-0.0059	0.0044548
3	4.9819	4.9942	5.0117	0.010047	4.9831	4.9957	5.0127	0.010217	0.001	0.0014667	0.0023	0.00044159
10	4.9819	4.9942	5.0117	0.010047	4.9823	4.995	5.0146	0.010646	-0.0024	0.00072222	0.004	0.0020644
30	4.9829	4.9999	5.0174	0.012535	4.982	4.9998	5.0188	0.012469	-0.004	-0.00016	0.0034	0.0023959
50	4.9829	4.9999	5.0174	0.012535	4.9819	4.9988	5.0178	0.01191	-0.0042	-0.00109	0.0017	0.0020513
100	4.9829	4.9999	5.0174	0.012535	4.9791	4.9958	5.0164	0.013027	-0.0124	-0.00409	0.0004	0.0044029
150	4.9894	5.0087	5.0208	0.010834	4.9818	5.0003	5.0256	0.013894	-0.0253	-0.00835	0.0077	0.012488

Device Test: 61.6 V_BP7L PWM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

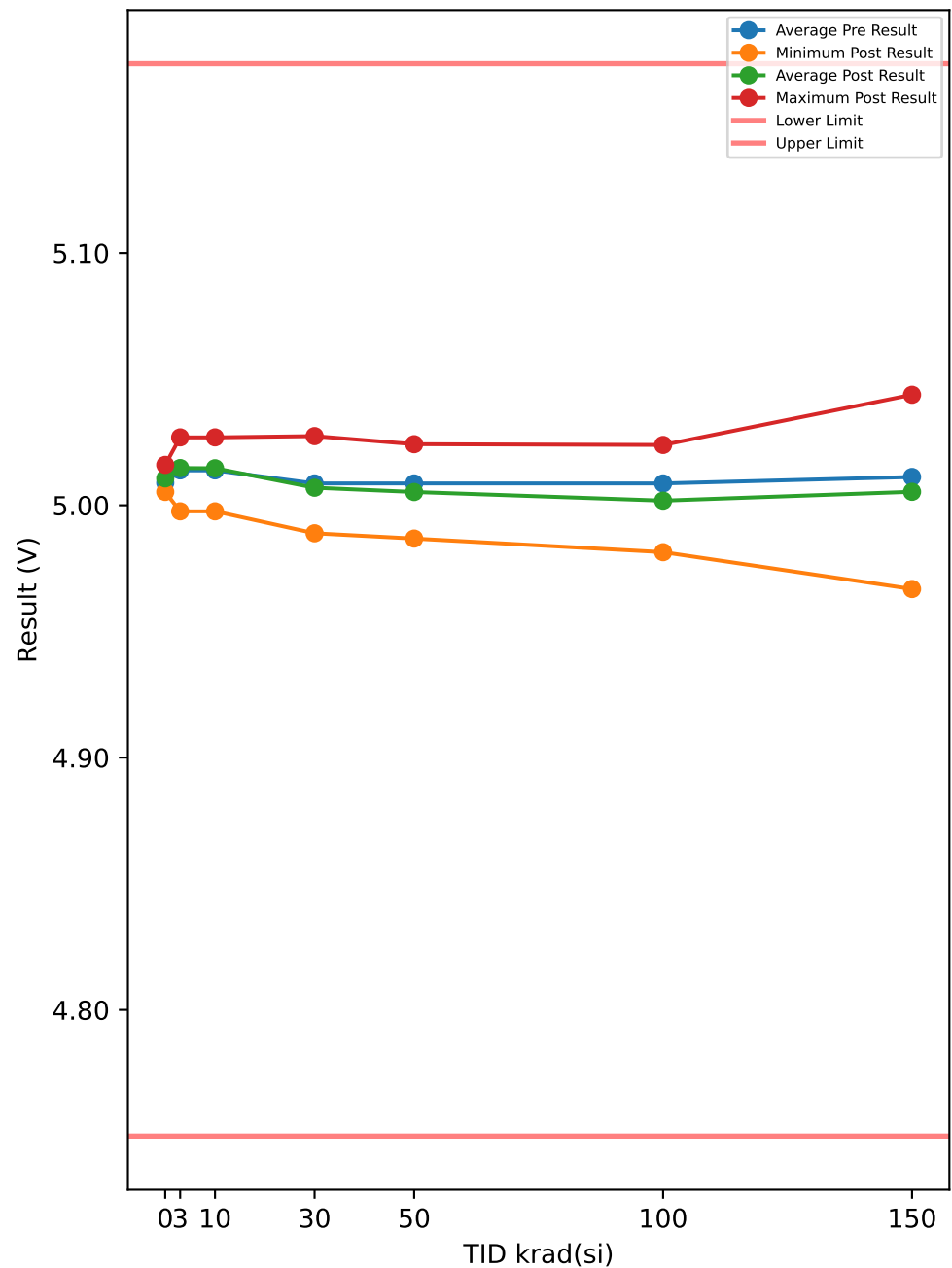
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0392	7.0219	-0.0173
2	0	CORRELATION	7.0075	7.04	0.0325
259	3	LDR Biased	7.0697	7.0707	0.001
426	3	LDR Biased	7.0088	7.009	0.0002
427	3	LDR Biased	7.0517	7.052	0.0003
428	3	LDR Biased	7.0334	7.0329	-0.0005
429	3	LDR Unbiased	7.0276	7.0274	-0.0002
430	3	LDR Unbiased	7.0009	7.0012	0.0003
431	3	LDR Unbiased	6.9851	6.9831	-0.002
432	3	LDR Unbiased	7.0307	7.0292	-0.0015
433	3	LDR Unbiased	7.0135	7.0147	0.0012
1259	10	LDR Biased	7.0697	7.0696	-0.0001
1426	10	LDR Biased	7.0088	7.0087	-0.0001
1427	10	LDR Biased	7.0517	7.0491	-0.0026
1428	10	LDR Biased	7.0334	7.0333	-0.0001
1429	10	LDR Unbiased	7.0276	7.0271	-0.0005
1430	10	LDR Unbiased	7.0009	6.9979	-0.003
1431	10	LDR Unbiased	6.9851	6.9869	0.0018
1432	10	LDR Unbiased	7.0307	7.0271	-0.0036
1433	10	LDR Unbiased	7.0135	7.0174	0.0039
2434	30	LDR Biased	6.9996	6.998	-0.0016
2435	30	LDR Biased	7.0319	7.0239	-0.008
2436	30	LDR Biased	7.0531	7.0487	-0.0044
2437	30	LDR Biased	7.04	7.0387	-0.0013
2438	30	LDR Biased	7.048	7.0407	-0.0073
2439	30	LDR Unbiased	6.9857	6.9794	-0.0063
2440	30	LDR Unbiased	6.9874	6.9852	-0.0022
2441	30	LDR Unbiased	7.0392	7.0322	-0.007
2443	30	LDR Unbiased	7.0075	7.0033	-0.0042
2444	30	LDR Unbiased	7.0165	7.0116	-0.0049
3434	50	LDR Biased	6.9996	6.9923	-0.0073
3435	50	LDR Biased	7.0319	7.0223	-0.0096
3436	50	LDR Biased	7.0531	7.0473	-0.0058
3437	50	LDR Biased	7.04	7.0362	-0.0038
3438	50	LDR Biased	7.048	7.0368	-0.0112
3439	50	LDR Unbiased	6.9857	6.9822	-0.0035
3440	50	LDR Unbiased	6.9874	6.9827	-0.0047
3441	50	LDR Unbiased	7.0392	7.0334	-0.0058
3443	50	LDR Unbiased	7.0075	7.0028	-0.0047
3444	50	LDR Unbiased	7.0165	7.0092	-0.0073
4434	100	LDR Biased	6.9996	6.9868	-0.0128
4435	100	LDR Biased	7.0319	7.0179	-0.014
4436	100	LDR Biased	7.0531	7.0265	-0.0266
4437	100	LDR Biased	7.04	7.0259	-0.0141
4438	100	LDR Biased	7.048	7.02	-0.028
4439	100	LDR Unbiased	6.9857	6.9784	-0.0073
4440	100	LDR Unbiased	6.9874	6.9667	-0.0207
4441	100	LDR Unbiased	7.0392	7.0323	-0.0069
4443	100	LDR Unbiased	7.0075	7.0048	-0.0027
4444	100	LDR Unbiased	7.0165	7.0033	-0.0132
4500	150	LDR Biased	7.0259	7.0022	-0.0237
4501	150	LDR Biased	7.0054	6.9976	-0.0078
4502	150	LDR Biased	6.979	6.961	-0.018
4503	150	LDR Biased	7.038	7.0408	0.0028
4504	150	LDR Biased	6.9519	6.9303	-0.0216
4505	150	LDR Unbiased	6.9928	6.9934	0.0006
4506	150	LDR Unbiased	7.0222	7.0032	-0.019
4507	150	LDR Unbiased	7.0782	7.0678	-0.0104
4508	150	LDR Unbiased	7.0131	6.9728	-0.0403
4509	150	LDR Unbiased	7.0448	7.039	-0.0058

Test Statistics (V)

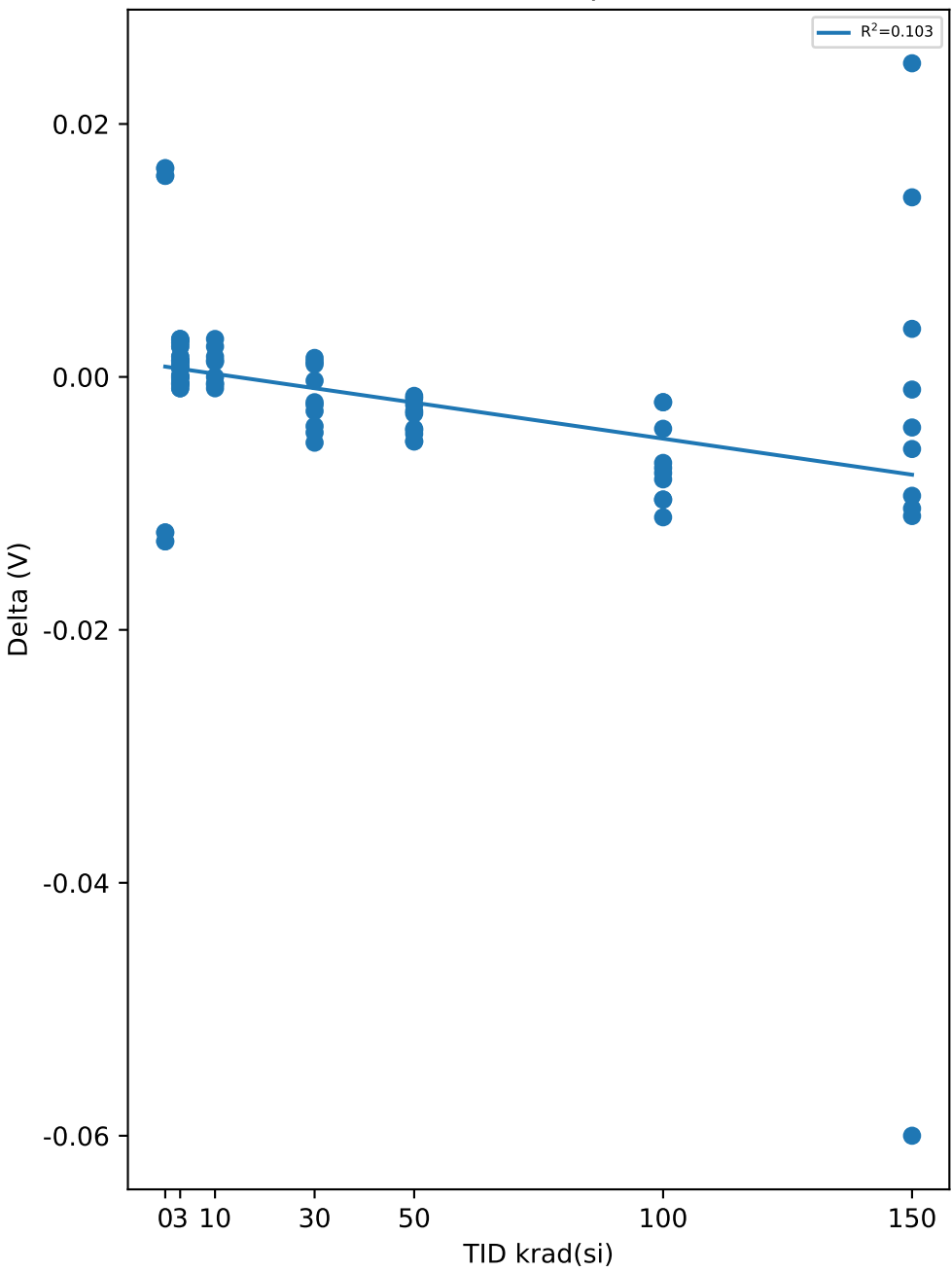
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0075	7.0234	7.0392	0.022415	7.0219	7.0309	7.04	0.012799	-0.0173	0.0076	0.0325	0.035214
3	6.9851	7.0246	7.0697	0.025949	6.9831	7.0245	7.0707	0.026422	-0.002	-0.00013333	0.0012	0.001063
10	6.9851	7.0246	7.0697	0.025949	6.9869	7.0241	7.0696	0.025373	-0.0036	-0.00047778	0.0039	0.0023821
30	6.9857	7.0209	7.0531	0.024957	6.9794	7.0162	7.0487	0.024295	-0.008	-0.00472	-0.0013	0.0024335
50	6.9857	7.0209	7.0531	0.024957	6.9822	7.0145	7.0473	0.023978	-0.0112	-0.00637	-0.0035	0.0025069
100	6.9857	7.0209	7.0531	0.024957	6.9667	7.0063	7.0323	0.022431	-0.028	-0.01463	-0.0027	0.008305
150	6.9519	7.0151	7.0782	0.035665	6.9303	7.0008	7.0678	0.040769	-0.0403	-0.01432	0.0028	0.012899

Device Test: 61.7 V_BP5L PWM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

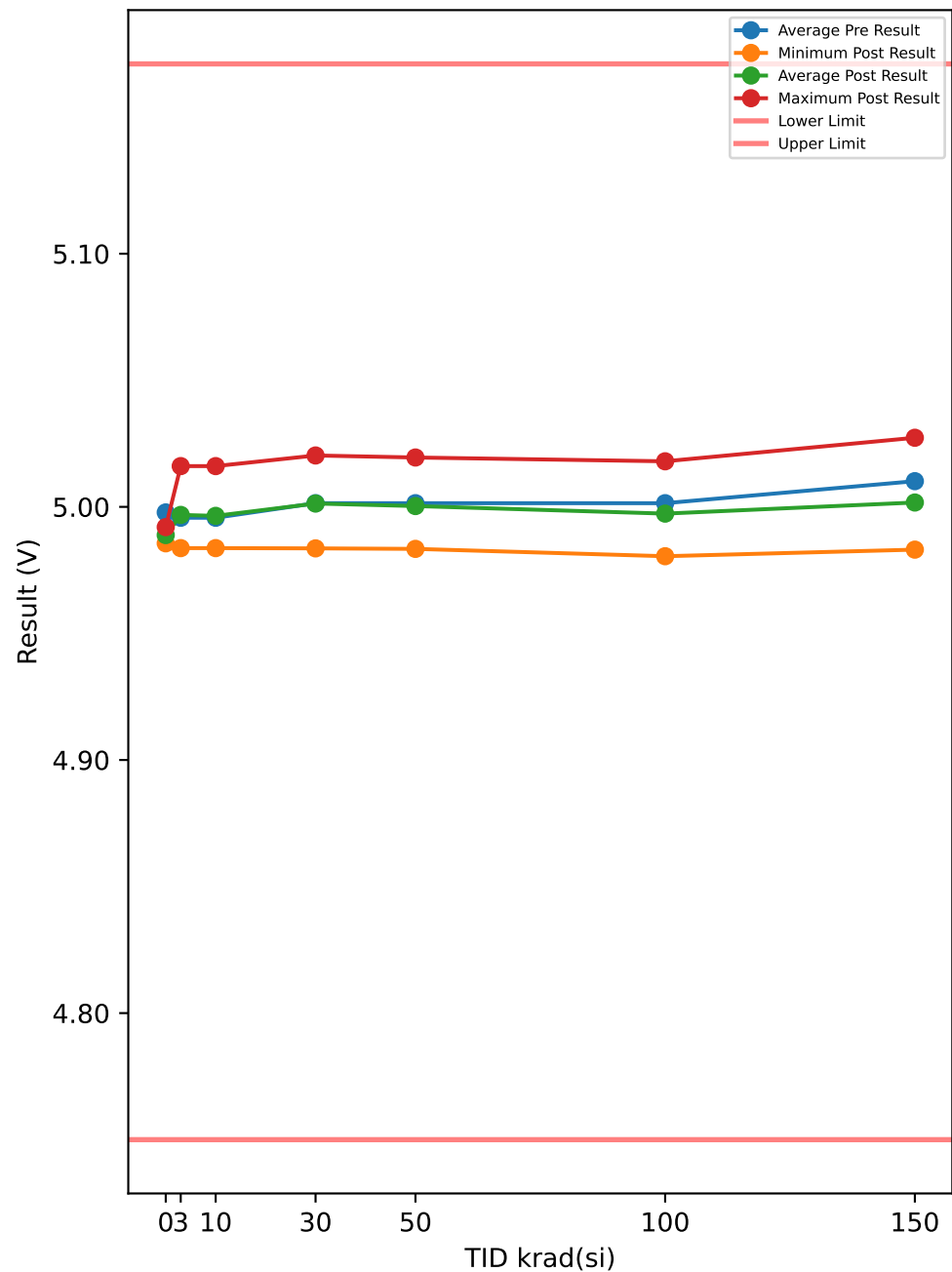
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9995	5.0154	0.0159
2	0	CORRELATION	5.0183	5.0053	-0.013
259	3	LDR Biased	5.0096	5.0123	0.0027
426	3	LDR Biased	5.0189	5.0188	-0.0001
427	3	LDR Biased	5.0157	5.0186	0.0029
428	3	LDR Biased	5.0269	5.0264	-0.0005
429	3	LDR Unbiased	5.0052	5.0065	0.0013
430	3	LDR Unbiased	4.9981	4.9989	0.0008
431	3	LDR Unbiased	5.0092	5.0102	0.001
432	3	LDR Unbiased	5.0222	5.0229	0.0007
433	3	LDR Unbiased	5.0187	5.0188	0.0001
1259	10	LDR Biased	5.0096	5.012	0.0024
1426	10	LDR Biased	5.0189	5.018	-0.0009
1427	10	LDR Biased	5.0157	5.0187	0.003
1428	10	LDR Biased	5.0269	5.0269	0
1429	10	LDR Unbiased	5.0052	5.0065	0.0013
1430	10	LDR Unbiased	4.9981	4.9976	-0.0005
1431	10	LDR Unbiased	5.0092	5.0108	0.0016
1432	10	LDR Unbiased	5.0222	5.0216	-0.0006
1433	10	LDR Unbiased	5.0187	5.0199	0.0012
2434	30	LDR Biased	5.0259	5.0274	0.0015
2435	30	LDR Biased	5.0082	5.0079	-0.0003
2436	30	LDR Biased	4.9919	4.9931	0.0012
2437	30	LDR Biased	4.989	4.99	0.001
2438	30	LDR Biased	5.0135	5.0113	-0.0022
2439	30	LDR Unbiased	5.0287	5.0235	-0.0052
2440	30	LDR Unbiased	4.9916	4.9889	-0.0027
2441	30	LDR Unbiased	4.9995	4.9956	-0.0039
2443	30	LDR Unbiased	5.0183	5.0139	-0.0044
2444	30	LDR Unbiased	5.02	5.018	-0.002
3434	50	LDR Biased	5.0259	5.0242	-0.0017
3435	50	LDR Biased	5.0082	5.0041	-0.0041
3436	50	LDR Biased	4.9919	4.9868	-0.0051
3437	50	LDR Biased	4.989	4.9868	-0.0022
3438	50	LDR Biased	5.0135	5.012	-0.0015
3439	50	LDR Unbiased	5.0287	5.0236	-0.0051
3440	50	LDR Unbiased	4.9916	4.9889	-0.0027
3441	50	LDR Unbiased	4.9995	4.995	-0.0045
3443	50	LDR Unbiased	5.0183	5.0154	-0.0029
3444	50	LDR Unbiased	5.02	5.0158	-0.0042
4434	100	LDR Biased	5.0259	5.0239	-0.002
4435	100	LDR Biased	5.0082	4.9985	-0.0097
4436	100	LDR Biased	4.9919	4.9838	-0.0081
4437	100	LDR Biased	4.989	4.9814	-0.0076
4438	100	LDR Biased	5.0135	5.0115	-0.002
4439	100	LDR Unbiased	5.0287	5.0176	-0.0111
4440	100	LDR Unbiased	4.9916	4.9819	-0.0097
4441	100	LDR Unbiased	4.9995	4.9923	-0.0072
4443	100	LDR Unbiased	5.0183	5.0142	-0.0041
4444	100	LDR Unbiased	5.02	5.0132	-0.0068
4500	150	LDR Biased	5.016	5.005	-0.011
4501	150	LDR Biased	5.0048	4.9954	-0.0094
4502	150	LDR Biased	5.0242	5.0138	-0.0104
4503	150	LDR Biased	4.9922	4.9882	-0.004
4504	150	LDR Biased	5.0255	5.0397	0.0142
4505	150	LDR Unbiased	5.0039	4.9982	-0.0057
4506	150	LDR Unbiased	5.0268	4.9668	-0.06
4507	150	LDR Unbiased	4.9997	4.9987	-0.001
4508	150	LDR Unbiased	5	5.0038	0.0038
4509	150	LDR Unbiased	5.019	5.0438	0.0248

Test Statistics (V)

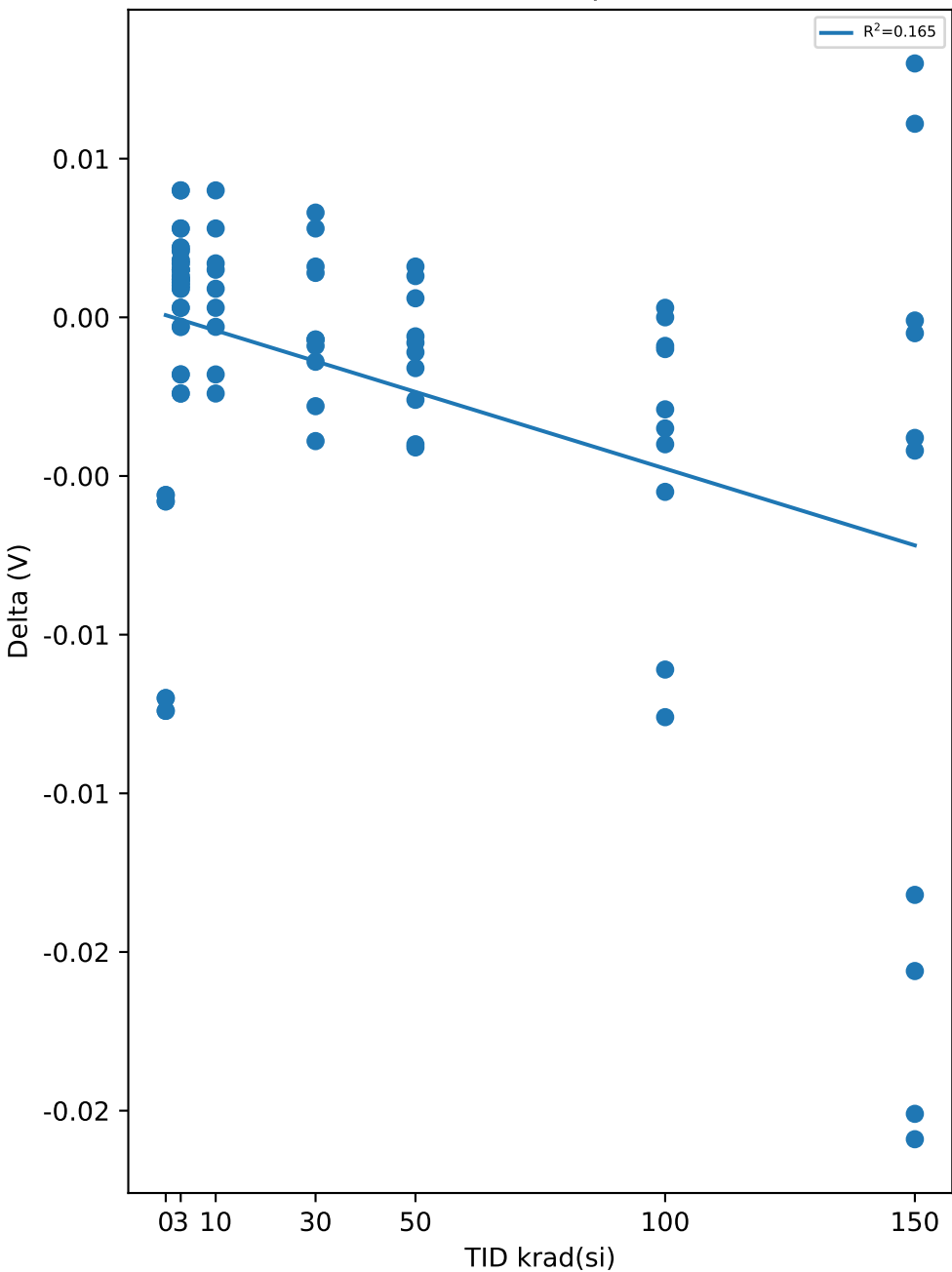
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9995	5.0089	5.0183	0.013294	5.0053	5.0103	5.0154	0.0071418	-0.013	0.00145	0.0159	0.020435
3	4.9981	5.0138	5.0269	0.0090488	4.9989	5.0148	5.0264	0.0086293	-0.0005	0.00098889	0.0029	0.001172
10	4.9981	5.0138	5.0269	0.0090488	4.9976	5.0147	5.0269	0.0088919	-0.0009	0.00083333	0.003	0.0013973
30	4.989	5.0087	5.0287	0.014856	4.9889	5.007	5.0274	0.014205	-0.0052	-0.0017	0.0015	0.0024409
50	4.989	5.0087	5.0287	0.014856	4.9868	5.0053	5.0242	0.014945	-0.0051	-0.0034	-0.0015	0.0013663
100	4.989	5.0087	5.0287	0.014856	4.9814	5.0018	5.0239	0.01617	-0.0111	-0.00683	-0.002	0.0031826
150	4.9922	5.0112	5.0268	0.012533	4.9668	5.0053	5.0438	0.022869	-0.06	-0.00587	0.0248	0.022245

Device Test: 61.8 V_BP5H PWM 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

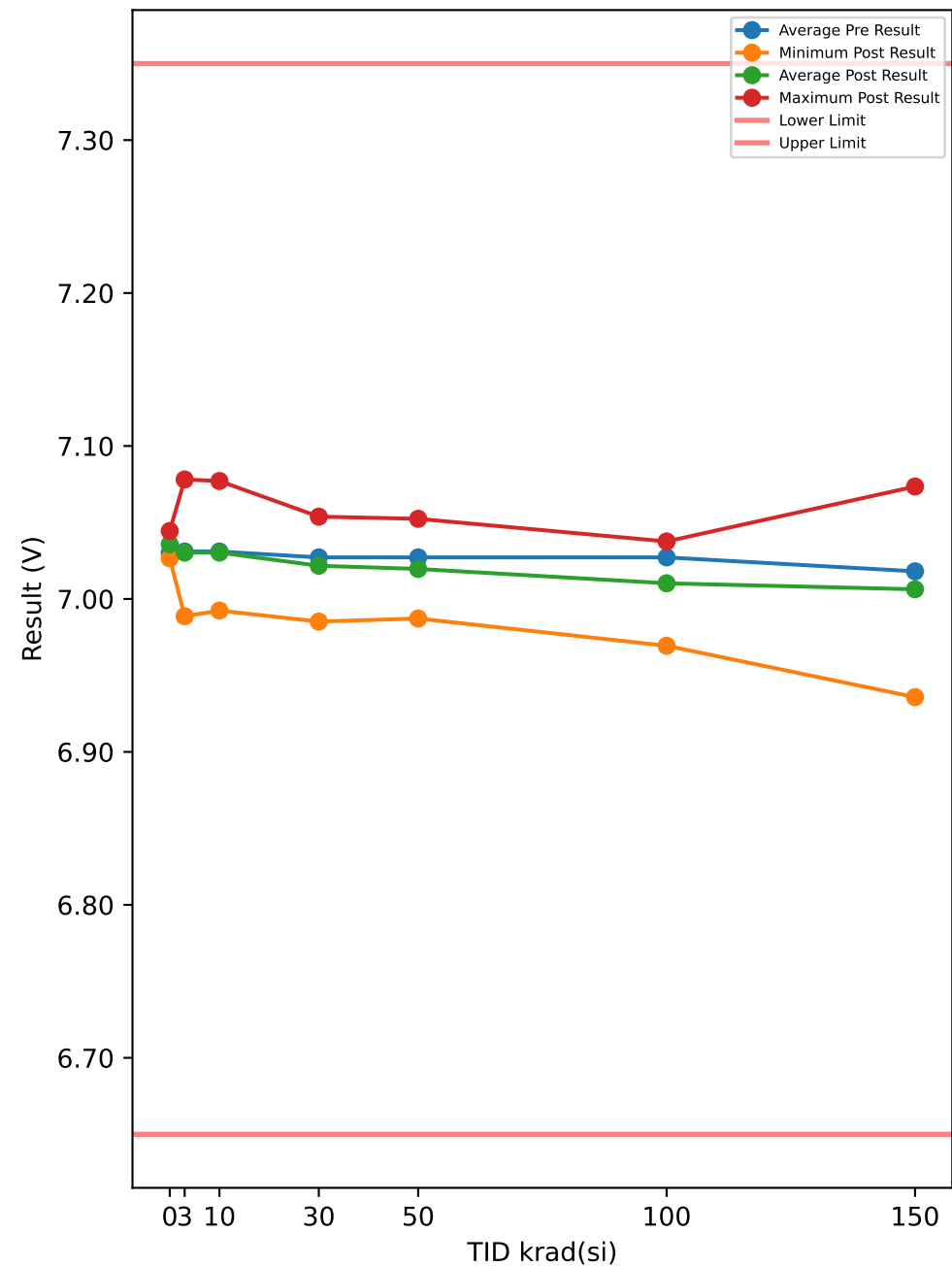
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9976	4.9918	-0.0058
2	0	CORRELATION	4.998	4.9856	-0.0124
259	3	LDR Biased	5.0133	5.0143	0.001
426	3	LDR Biased	4.9972	4.9987	0.0015
427	3	LDR Biased	4.9892	4.9904	0.0012
428	3	LDR Biased	4.9834	4.9845	0.0011
429	3	LDR Unbiased	4.9862	4.9874	0.0012
430	3	LDR Unbiased	5.0061	5.0083	0.0022
431	3	LDR Unbiased	5.0037	5.0058	0.0021
432	3	LDR Unbiased	4.9922	4.994	0.0018
433	3	LDR Unbiased	4.99	4.9913	0.0013
1259	10	LDR Biased	5.0133	5.0161	0.0028
1426	10	LDR Biased	4.9972	4.9969	-0.0003
1427	10	LDR Biased	4.9892	4.9907	0.0015
1428	10	LDR Biased	4.9834	4.9837	0.0003
1429	10	LDR Unbiased	4.9862	4.9844	-0.0018
1430	10	LDR Unbiased	5.0061	5.0078	0.0017
1431	10	LDR Unbiased	5.0037	5.0013	-0.0024
1432	10	LDR Unbiased	4.9922	4.9962	0.004
1433	10	LDR Unbiased	4.99	4.9909	0.0009
2434	30	LDR Biased	4.9968	5.0001	0.0033
2435	30	LDR Biased	5.0106	5.0099	-0.0007
2436	30	LDR Biased	4.9869	4.9897	0.0028
2437	30	LDR Biased	5.0189	5.0161	-0.0028
2438	30	LDR Biased	4.9845	4.9836	-0.0009
2439	30	LDR Unbiased	4.992	4.9913	-0.0007
2440	30	LDR Unbiased	5.0103	5.0119	0.0016
2441	30	LDR Unbiased	4.9976	4.9937	-0.0039
2443	30	LDR Unbiased	4.998	4.9966	-0.0014
2444	30	LDR Unbiased	5.0189	5.0203	0.0014
3434	50	LDR Biased	4.9968	4.9981	0.0013
3435	50	LDR Biased	5.0106	5.008	-0.0026
3436	50	LDR Biased	4.9869	4.9885	0.0016
3437	50	LDR Biased	5.0189	5.0149	-0.004
3438	50	LDR Biased	4.9845	4.9834	-0.0011
3439	50	LDR Unbiased	4.992	4.9912	-0.0008
3440	50	LDR Unbiased	5.0103	5.0087	-0.0016
3441	50	LDR Unbiased	4.9976	4.9935	-0.0041
3443	50	LDR Unbiased	4.998	4.9974	-0.0006
3444	50	LDR Unbiased	5.0189	5.0195	0.0006
4434	100	LDR Biased	4.9968	4.9971	0.0003
4435	100	LDR Biased	5.0106	5.0077	-0.0029
4436	100	LDR Biased	4.9869	4.9834	-0.0035
4437	100	LDR Biased	5.0189	5.0134	-0.0055
4438	100	LDR Biased	4.9845	4.9805	-0.004
4439	100	LDR Unbiased	4.992	4.9809	-0.0111
4440	100	LDR Unbiased	5.0103	4.9977	-0.0126
4441	100	LDR Unbiased	4.9976	4.9976	0
4443	100	LDR Unbiased	4.998	4.997	-0.001
4444	100	LDR Unbiased	5.0189	5.018	-0.0009
4500	150	LDR Biased	5.0013	4.9831	-0.0182
4501	150	LDR Biased	4.9999	4.9961	-0.0038
4502	150	LDR Biased	5.0168	5.0126	-0.0042
4503	150	LDR Biased	5.0015	5.0014	-0.0001
4504	150	LDR Biased	5.0133	4.9927	-0.0206
4505	150	LDR Unbiased	5.0222	4.9971	-0.0251
4506	150	LDR Unbiased	5.015	4.9891	-0.0259
4507	150	LDR Unbiased	5.0212	5.0207	-0.0005
4508	150	LDR Unbiased	5.0193	5.0273	0.008
4509	150	LDR Unbiased	4.991	4.9971	0.0061

Test Statistics (V)

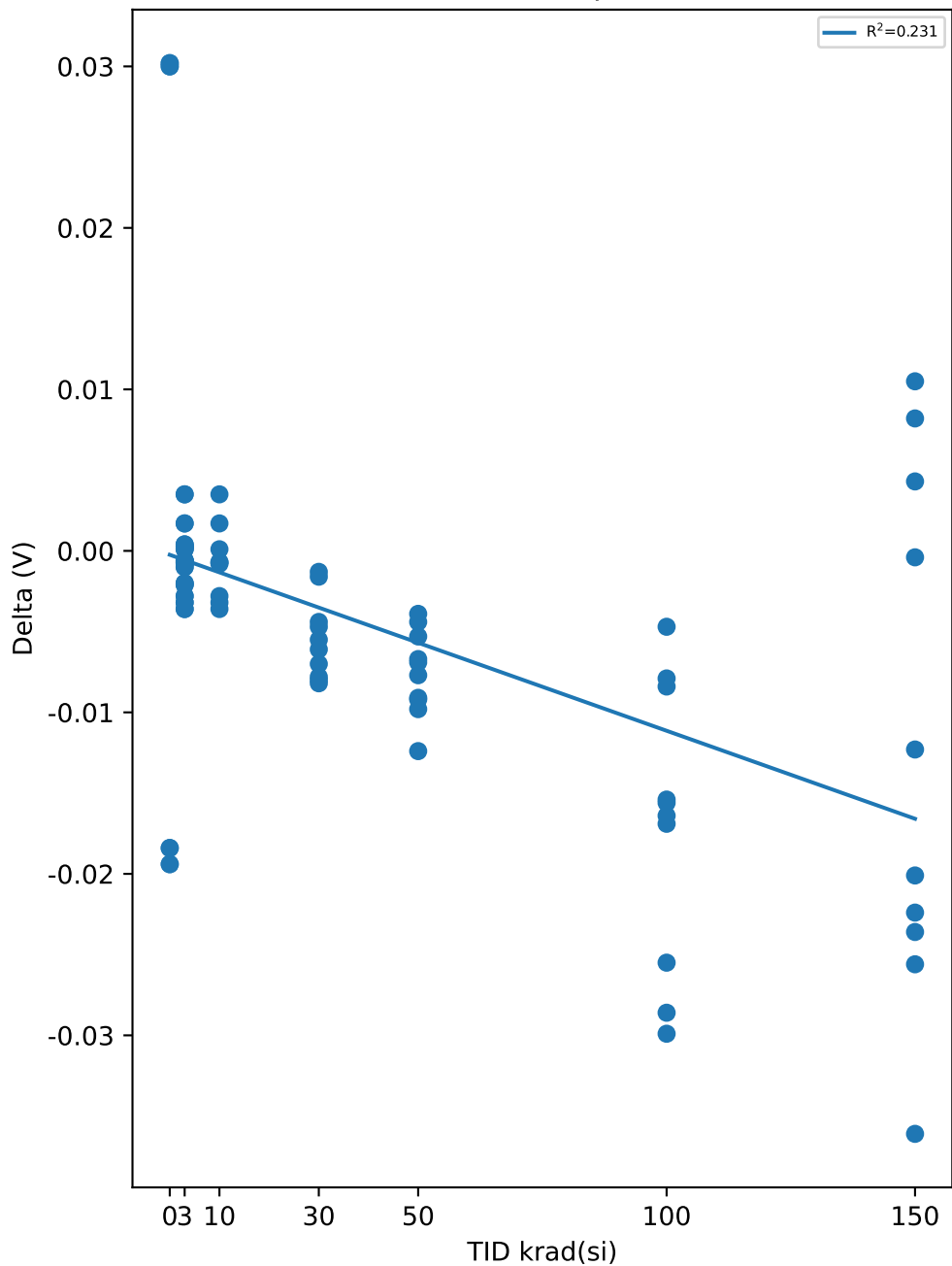
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9976	4.9978	4.998	0.00028284	4.9856	4.9887	4.9918	0.0043841	-0.0124	-0.0091	-0.0058	0.0046669
3	4.9834	4.9957	5.0133	0.010079	4.9845	4.9972	5.0143	0.01025	0.001	0.0014889	0.0022	0.00044284
10	4.9834	4.9957	5.0133	0.010079	4.9837	4.9964	5.0161	0.010667	-0.0024	0.00074444	0.004	0.002061
30	4.9845	5.0015	5.0189	0.012506	4.9836	5.0013	5.0203	0.012452	-0.0039	-0.00013	0.0033	0.0023542
50	4.9845	5.0015	5.0189	0.012506	4.9834	5.0003	5.0195	0.01192	-0.0041	-0.00113	0.0016	0.002005
100	4.9845	5.0015	5.0189	0.012506	4.9805	4.9973	5.018	0.013084	-0.0126	-0.00412	0.0003	0.004485
150	4.991	5.0102	5.0222	0.01082	4.9831	5.0017	5.0273	0.014121	-0.0259	-0.00843	0.008	0.012821

Device Test: 61.9 V_BP7L PWM 5MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

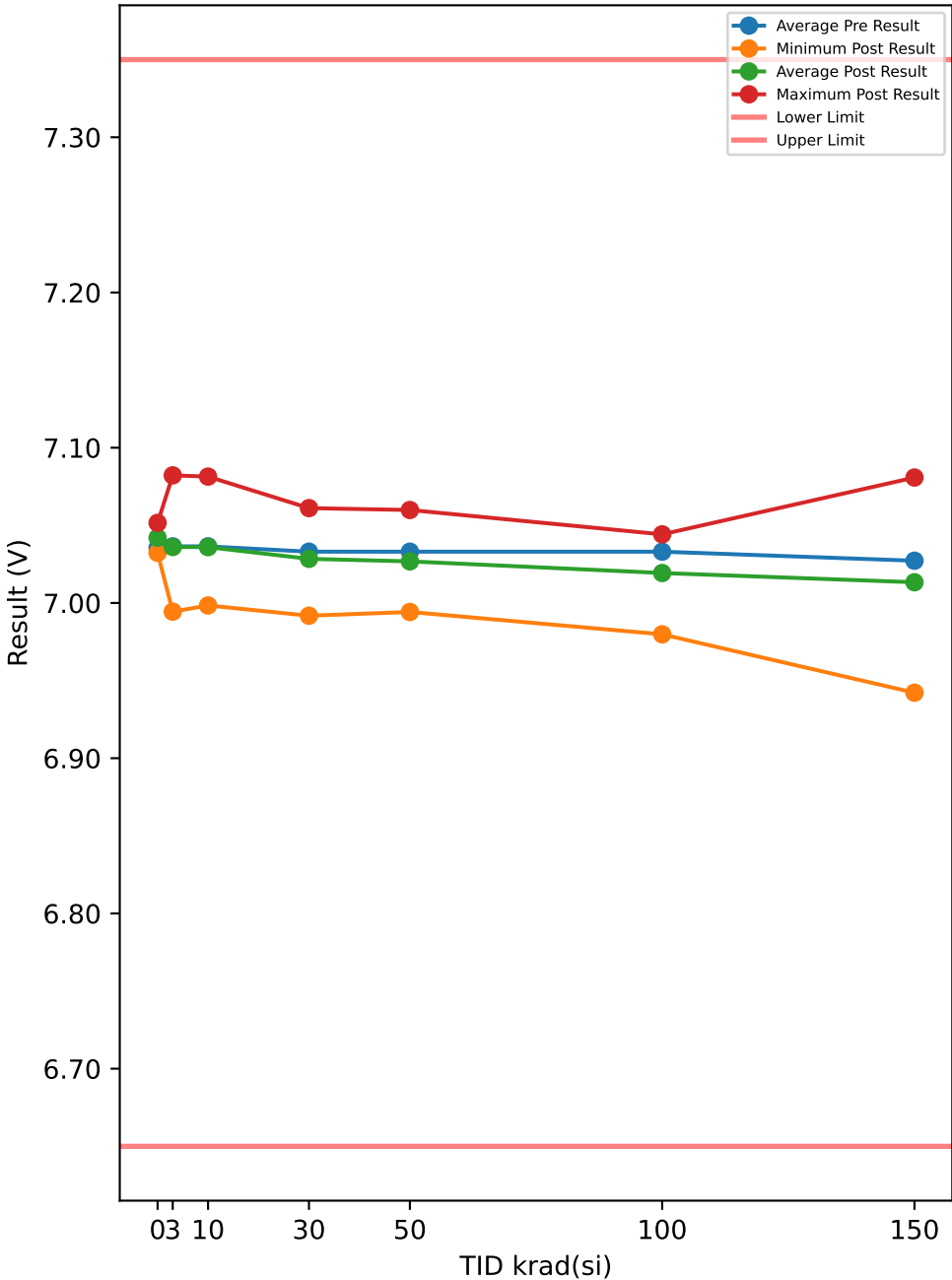
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.046	7.0266	-0.0194
2	0	CORRELATION	7.0142	7.0442	0.03
259	3	LDR Biased	7.0778	7.0781	0.0003
426	3	LDR Biased	7.0159	7.0153	-0.0006
427	3	LDR Biased	7.0555	7.0557	0.0002
428	3	LDR Biased	7.0398	7.0392	-0.0006
429	3	LDR Unbiased	7.0351	7.0341	-0.001
430	3	LDR Unbiased	7.0073	7.0066	-0.0007
431	3	LDR Unbiased	6.9907	6.9887	-0.002
432	3	LDR Unbiased	7.0365	7.0344	-0.0021
433	3	LDR Unbiased	7.0205	7.0209	0.0004
1259	10	LDR Biased	7.0778	7.0771	-0.0007
1426	10	LDR Biased	7.0159	7.0152	-0.0007
1427	10	LDR Biased	7.0555	7.0527	-0.0028
1428	10	LDR Biased	7.0398	7.0399	0.0001
1429	10	LDR Unbiased	7.0351	7.0343	-0.0008
1430	10	LDR Unbiased	7.0073	7.0041	-0.0032
1431	10	LDR Unbiased	6.9907	6.9924	0.0017
1432	10	LDR Unbiased	7.0365	7.0329	-0.0036
1433	10	LDR Unbiased	7.0205	7.024	0.0035
2434	30	LDR Biased	7.0065	7.0049	-0.0016
2435	30	LDR Biased	7.0378	7.0298	-0.008
2436	30	LDR Biased	7.0593	7.0538	-0.0055
2437	30	LDR Biased	7.0453	7.044	-0.0013
2438	30	LDR Biased	7.0523	7.0445	-0.0078
2439	30	LDR Unbiased	6.9922	6.9852	-0.007
2440	30	LDR Unbiased	6.9949	6.9905	-0.0044
2441	30	LDR Unbiased	7.046	7.0378	-0.0082
2443	30	LDR Unbiased	7.0142	7.0095	-0.0047
2444	30	LDR Unbiased	7.0231	7.017	-0.0061
3434	50	LDR Biased	7.0065	6.9974	-0.0091
3435	50	LDR Biased	7.0378	7.028	-0.0098
3436	50	LDR Biased	7.0593	7.0524	-0.0069
3437	50	LDR Biased	7.0453	7.0409	-0.0044
3438	50	LDR Biased	7.0523	7.0399	-0.0124
3439	50	LDR Unbiased	6.9922	6.9883	-0.0039
3440	50	LDR Unbiased	6.9949	6.9872	-0.0077
3441	50	LDR Unbiased	7.046	7.0393	-0.0067
3443	50	LDR Unbiased	7.0142	7.0089	-0.0053
3444	50	LDR Unbiased	7.0231	7.0139	-0.0092
4434	100	LDR Biased	7.0065	6.9901	-0.0164
4435	100	LDR Biased	7.0378	7.0224	-0.0154
4436	100	LDR Biased	7.0593	7.0307	-0.0286
4437	100	LDR Biased	7.0453	7.0297	-0.0156
4438	100	LDR Biased	7.0523	7.0224	-0.0299
4439	100	LDR Unbiased	6.9922	6.9843	-0.0079
4440	100	LDR Unbiased	6.9949	6.9694	-0.0255
4441	100	LDR Unbiased	7.046	7.0376	-0.0084
4443	100	LDR Unbiased	7.0142	7.0095	-0.0047
4444	100	LDR Unbiased	7.0231	7.0062	-0.0169
4500	150	LDR Biased	7.033	7.0074	-0.0256
4501	150	LDR Biased	6.9986	7.0068	0.0082
4502	150	LDR Biased	6.9862	6.9661	-0.0201
4503	150	LDR Biased	7.0455	7.0498	0.0043
4504	150	LDR Biased	6.9594	6.9358	-0.0236
4505	150	LDR Unbiased	7.0008	7.0004	-0.0004
4506	150	LDR Unbiased	7.0288	7.0064	-0.0224
4507	150	LDR Unbiased	7.0858	7.0735	-0.0123
4508	150	LDR Unbiased	7.0101	6.974	-0.0361
4509	150	LDR Unbiased	7.0325	7.043	0.0105

Test Statistics (V)

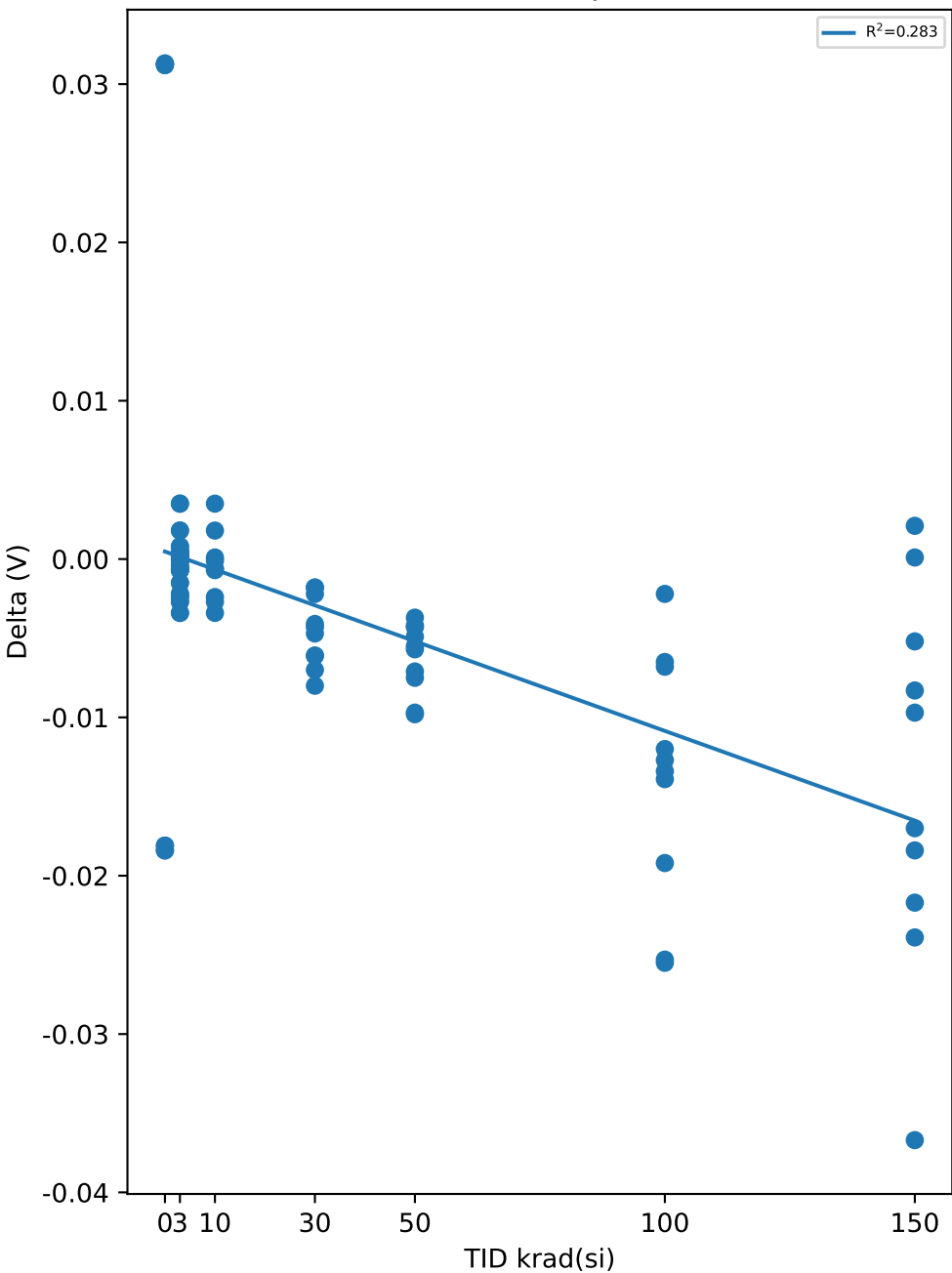
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0142	7.0301	7.046	0.022486	7.0266	7.0354	7.0442	0.012445	-0.0194	0.0053	0.03	0.034931
3	6.9907	7.031	7.0778	0.026074	6.9887	7.0303	7.0781	0.026566	-0.0021	-0.00067778	0.0004	0.0009203
10	6.9907	7.031	7.0778	0.026074	6.9924	7.0303	7.0771	0.025489	-0.0036	-0.00072222	0.0035	0.0023215
30	6.9922	7.0272	7.0593	0.02435	6.9852	7.0217	7.0538	0.023878	-0.0082	-0.00546	-0.0013	0.0024972
50	6.9922	7.0272	7.0593	0.02435	6.9872	7.0196	7.0524	0.023734	-0.0124	-0.00754	-0.0039	0.0026496
100	6.9922	7.0272	7.0593	0.02435	6.9694	7.0102	7.0376	0.02262	-0.0299	-0.01693	-0.0047	0.0087313
150	6.9594	7.0181	7.0858	0.035095	6.9358	7.0063	7.0735	0.041394	-0.0361	-0.01175	0.0105	0.016289

Device Test: 62.0 V_BP7L PWM 500kHz VIN_14V

TID vs Result Stats

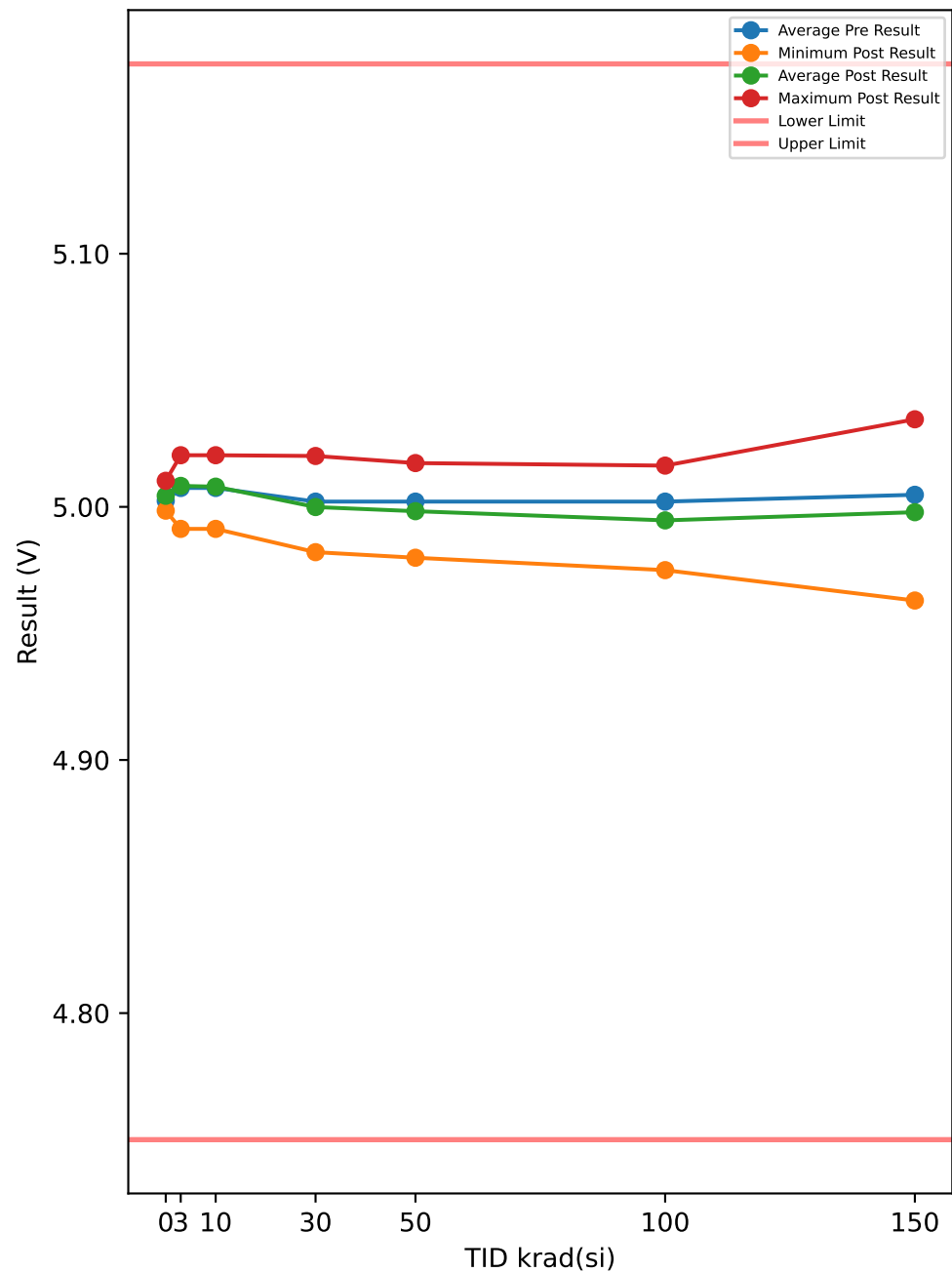


TID vs Post - Pre Exposure Delta

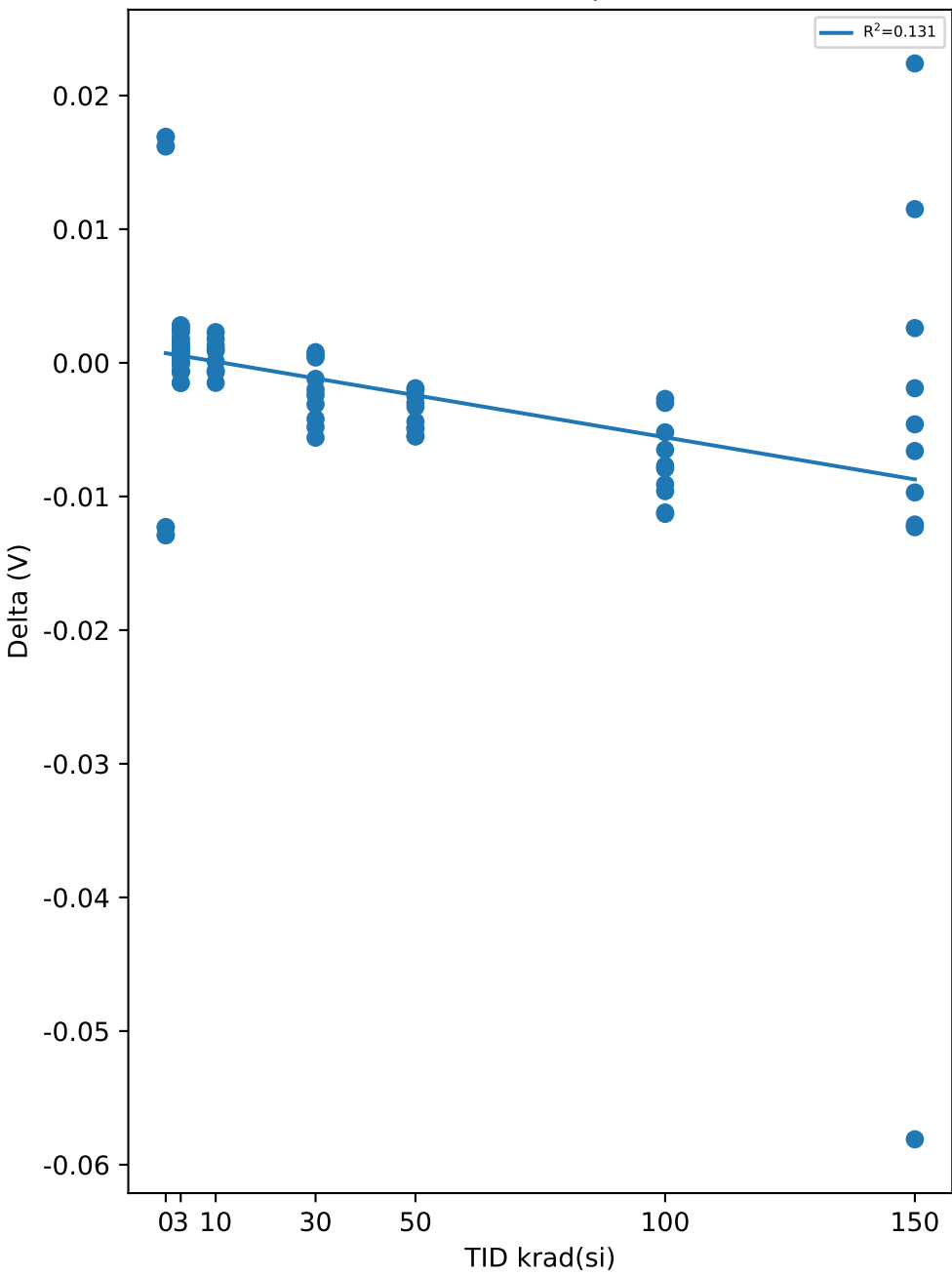


Device Test: 62.1 V_BP5L PWM 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



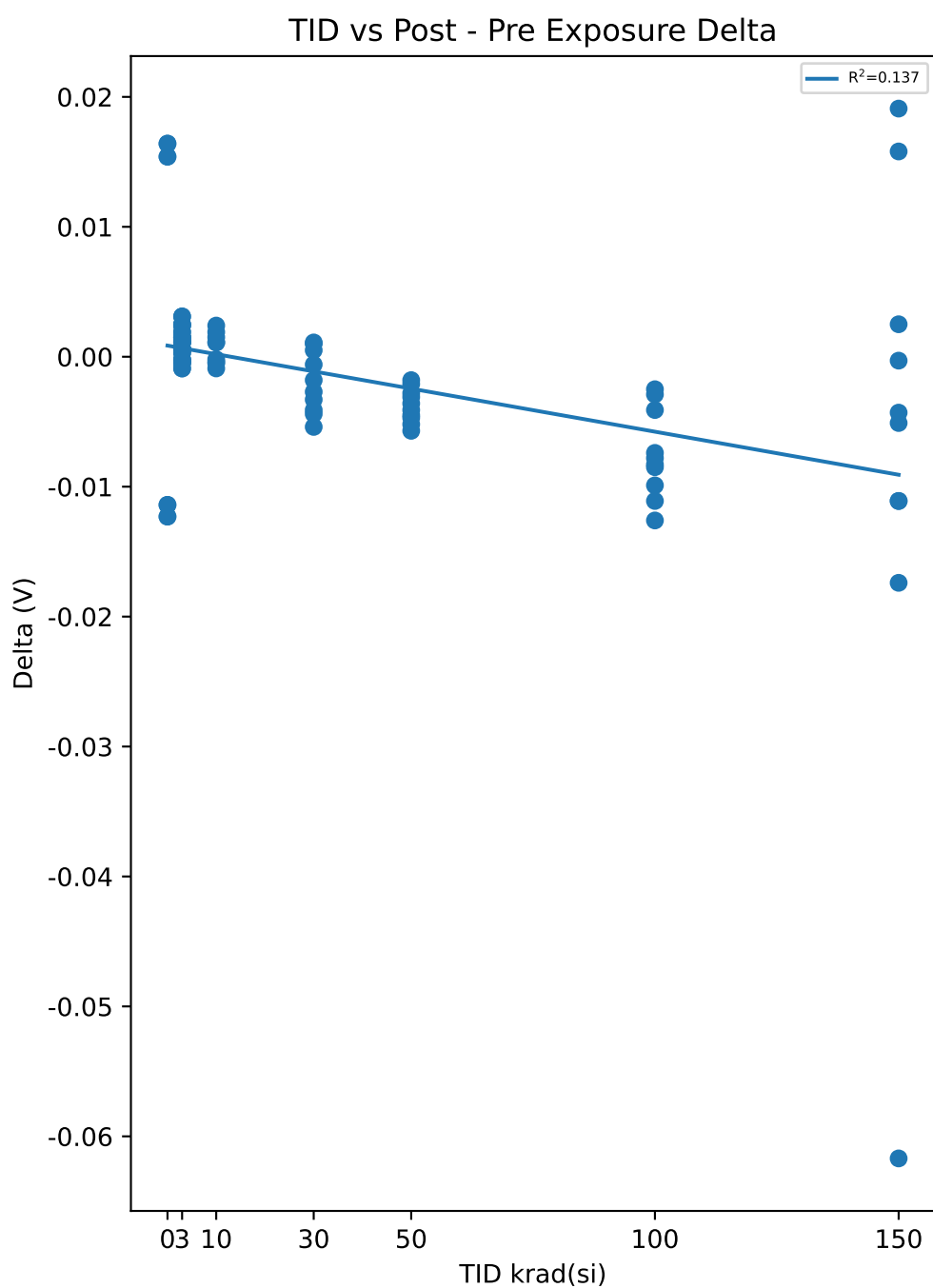
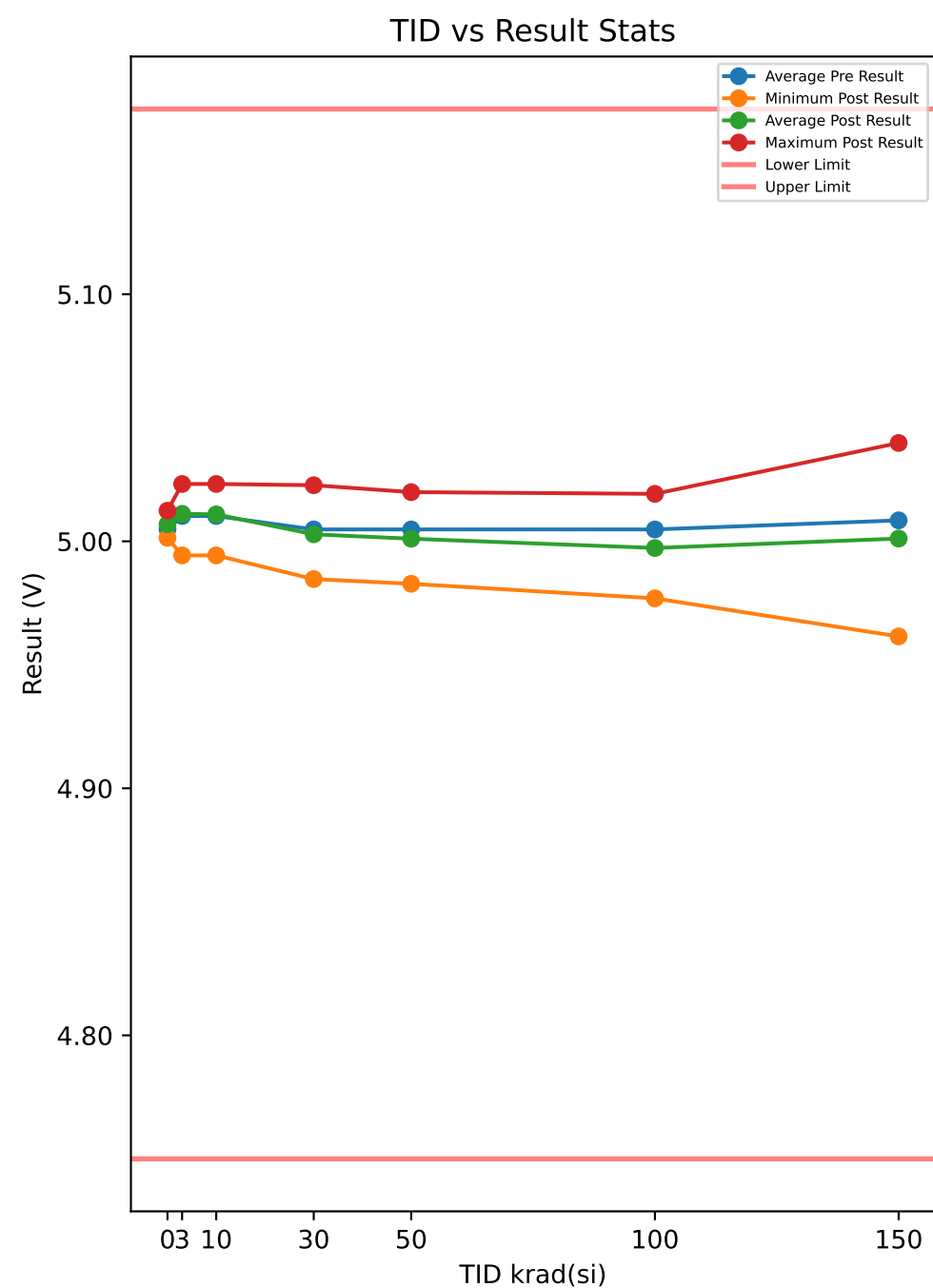
Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9934	5.0096	0.0162
2	0	CORRELATION	5.0114	4.9985	-0.0129
259	3	LDR Biased	5.0036	5.0062	0.0026
426	3	LDR Biased	5.012	5.0119	-0.0001
427	3	LDR Biased	5.0094	5.0122	0.0028
428	3	LDR Biased	5.0203	5.0203	0
429	3	LDR Unbiased	4.9989	5.0004	0.0015
430	3	LDR Unbiased	4.9919	4.9929	0.001
431	3	LDR Unbiased	5.003	5.0039	0.0009
432	3	LDR Unbiased	5.0156	5.0164	0.0008
433	3	LDR Unbiased	5.0125	5.013	0.0005
1259	10	LDR Biased	5.0036	5.0054	0.0018
1426	10	LDR Biased	5.012	5.0105	-0.0015
1427	10	LDR Biased	5.0094	5.0117	0.0023
1428	10	LDR Biased	5.0203	5.0204	0.0001
1429	10	LDR Unbiased	4.9989	4.9999	0.001
1430	10	LDR Unbiased	4.9919	4.9913	-0.0006
1431	10	LDR Unbiased	5.003	5.0043	0.0013
1432	10	LDR Unbiased	5.0156	5.0149	-0.0007
1433	10	LDR Unbiased	5.0125	5.0134	0.0009
2434	30	LDR Biased	5.0193	5.0201	0.0008
2435	30	LDR Biased	5.0021	5.0009	-0.0012
2436	30	LDR Biased	4.9854	4.9858	0.0004
2437	30	LDR Biased	4.9829	4.9835	0.0006
2438	30	LDR Biased	5.0065	5.0041	-0.0024
2439	30	LDR Unbiased	5.0214	5.0158	-0.0056
2440	30	LDR Unbiased	4.9852	4.9821	-0.0031
2441	30	LDR Unbiased	4.9934	4.9892	-0.0042
2443	30	LDR Unbiased	5.0114	5.0066	-0.0048
2444	30	LDR Unbiased	5.0132	5.0112	-0.002
3434	50	LDR Biased	5.0193	5.0173	-0.002
3435	50	LDR Biased	5.0021	4.9972	-0.0049
3436	50	LDR Biased	4.9854	4.9799	-0.0055
3437	50	LDR Biased	4.9829	4.9804	-0.0025
3438	50	LDR Biased	5.0065	5.0046	-0.0019
3439	50	LDR Unbiased	5.0214	5.0159	-0.0055
3440	50	LDR Unbiased	4.9852	4.9822	-0.003
3441	50	LDR Unbiased	4.9934	4.9885	-0.0049
3443	50	LDR Unbiased	5.0114	5.0081	-0.0033
3444	50	LDR Unbiased	5.0132	5.0088	-0.0044
4434	100	LDR Biased	5.0193	5.0163	-0.003
4435	100	LDR Biased	5.0021	4.9908	-0.0113
4436	100	LDR Biased	4.9854	4.9763	-0.0091
4437	100	LDR Biased	4.9829	4.975	-0.0079
4438	100	LDR Biased	5.0065	5.0038	-0.0027
4439	100	LDR Unbiased	5.0214	5.0102	-0.0112
4440	100	LDR Unbiased	4.9852	4.9756	-0.0096
4441	100	LDR Unbiased	4.9934	4.9857	-0.0077
4443	100	LDR Unbiased	5.0114	5.0062	-0.0052
4444	100	LDR Unbiased	5.0132	5.0067	-0.0065
4500	150	LDR Biased	5.0094	4.9971	-0.0123
4501	150	LDR Biased	4.9984	4.9887	-0.0097
4502	150	LDR Biased	5.0175	5.0054	-0.0121
4503	150	LDR Biased	4.9862	4.9816	-0.0046
4504	150	LDR Biased	5.0187	5.0302	0.0115
4505	150	LDR Unbiased	4.9975	4.9909	-0.0066
4506	150	LDR Unbiased	5.0211	4.963	-0.0581
4507	150	LDR Unbiased	4.993	4.9911	-0.0019
4508	150	LDR Unbiased	4.9937	4.9963	0.0026
4509	150	LDR Unbiased	5.0122	5.0346	0.0224

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	4.9934	5.0024	5.0114	0.012728	4.9985	5.004	5.0096	0.0078489	-0.0129	0.00165	0.0162	0.020577
3	4.9919	5.0075	5.0203	0.0088817	4.9929	5.0086	5.0203	0.0085331	-0.0001	0.0011111	0.0028	0.0010277
10	4.9919	5.0075	5.0203	0.0088817	4.9913	5.008	5.0204	0.0087708	-0.0015	0.00051111	0.0023	0.0012644
30	4.9829	5.0021	5.0214	0.014553	4.9821	4.9999	5.0201	0.013949	-0.0056	-0.00215	0.0008	0.0023042
50	4.9829	5.0021	5.0214	0.014553	4.9799	4.9983	5.0173	0.014652	-0.0055	-0.00379	-0.0019	0.0014138
100	4.9829	5.0021	5.0214	0.014553	4.975	4.9947	5.0163	0.015824	-0.0113	-0.00742	-0.0027	0.0030699
150	4.9862	5.0048	5.0211	0.012467	4.963	4.9979	5.0346	0.021378	-0.0581	-0.00688	0.0224	0.02109

Device Test: 62.10 V BP5L PWM 5MHz VIN 14V



Test Results (Lower Limit = 4.75,
Upper Limit = 5.175 (V))

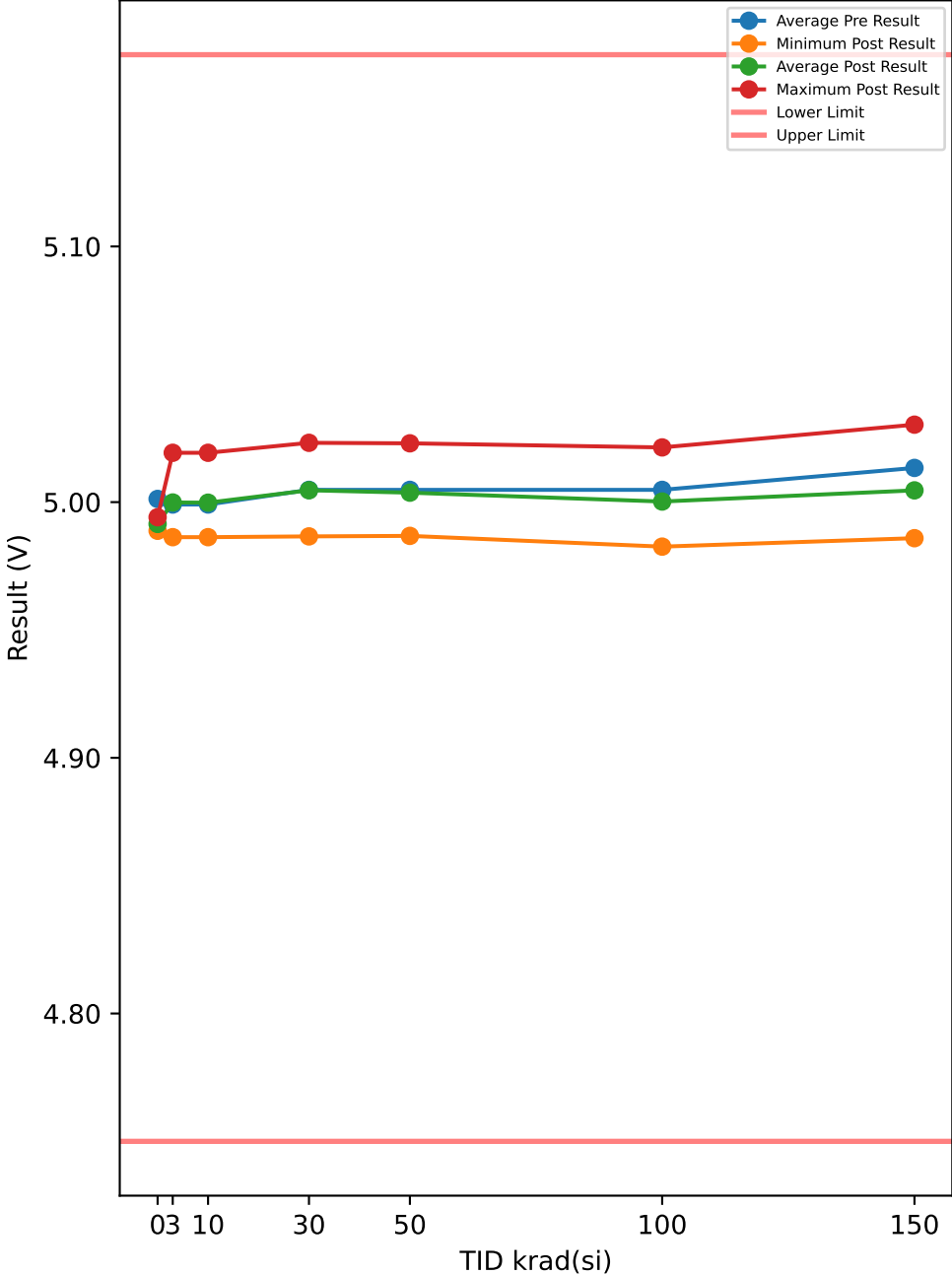
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.996	5.0114	0.0154
2	0	CORRELATION	5.0137	5.0014	-0.0123
259	3	LDR Biased	5.0057	5.0088	0.0031
426	3	LDR Biased	5.0145	5.0148	0.0003
427	3	LDR Biased	5.0127	5.0152	0.0025
428	3	LDR Biased	5.0234	5.0231	-0.0003
429	3	LDR Unbiased	5.0016	5.0028	0.0012
430	3	LDR Unbiased	4.9947	4.9962	0.0015
431	3	LDR Unbiased	5.0056	5.0062	0.0006
432	3	LDR Unbiased	5.0186	5.0192	0.0006
433	3	LDR Unbiased	5.0153	5.0158	0.0005
1259	10	LDR Biased	5.0057	5.0076	0.0019
1426	10	LDR Biased	5.0145	5.0136	-0.0009
1427	10	LDR Biased	5.0127	5.0151	0.0024
1428	10	LDR Biased	5.0234	5.0232	-0.0002
1429	10	LDR Unbiased	5.0016	5.0027	0.0011
1430	10	LDR Unbiased	4.9947	4.9943	-0.0004
1431	10	LDR Unbiased	5.0056	5.0071	0.0015
1432	10	LDR Unbiased	5.0186	5.0181	-0.0005
1433	10	LDR Unbiased	5.0153	5.0164	0.0011
2434	30	LDR Biased	5.0217	5.0227	0.001
2435	30	LDR Biased	5.0051	5.0045	-0.0006
2436	30	LDR Biased	4.9875	4.9886	0.0011
2437	30	LDR Biased	4.9856	4.9861	0.0005
2438	30	LDR Biased	5.0095	5.0068	-0.0027
2439	30	LDR Unbiased	5.0248	5.0194	-0.0054
2440	30	LDR Unbiased	4.988	4.9847	-0.0033
2441	30	LDR Unbiased	4.996	4.9919	-0.0041
2443	30	LDR Unbiased	5.0137	5.0093	-0.0044
2444	30	LDR Unbiased	5.0161	5.0143	-0.0018
3434	50	LDR Biased	5.0217	5.0199	-0.0018
3435	50	LDR Biased	5.0051	5.001	-0.0041
3436	50	LDR Biased	4.9875	4.9828	-0.0047
3437	50	LDR Biased	4.9856	4.9828	-0.0028
3438	50	LDR Biased	5.0095	5.0074	-0.0021
3439	50	LDR Unbiased	5.0248	5.0191	-0.0057
3440	50	LDR Unbiased	4.988	4.9844	-0.0036
3441	50	LDR Unbiased	4.996	4.9908	-0.0052
3443	50	LDR Unbiased	5.0137	5.0106	-0.0031
3444	50	LDR Unbiased	5.0161	5.0116	-0.0045
4434	100	LDR Biased	5.0217	5.0192	-0.0025
4435	100	LDR Biased	5.0051	4.9952	-0.0099
4436	100	LDR Biased	4.9875	4.9797	-0.0078
4437	100	LDR Biased	4.9856	4.9773	-0.0083
4438	100	LDR Biased	5.0095	5.0066	-0.0029
4439	100	LDR Unbiased	5.0248	5.0122	-0.0126
4440	100	LDR Unbiased	4.988	4.9769	-0.0111
4441	100	LDR Unbiased	4.996	4.9875	-0.0085
4443	100	LDR Unbiased	5.0137	5.0096	-0.0041
4444	100	LDR Unbiased	5.0161	5.0087	-0.0074
4500	150	LDR Biased	5.012	5.0009	-0.0111
4501	150	LDR Biased	5.0076	4.9902	-0.0174
4502	150	LDR Biased	5.02	5.0089	-0.0111
4503	150	LDR Biased	4.9886	4.9843	-0.0043
4504	150	LDR Biased	5.0217	5.0375	0.0158
4505	150	LDR Unbiased	4.999	4.9939	-0.0051
4506	150	LDR Unbiased	5.0232	4.9615	-0.0617
4507	150	LDR Unbiased	4.9955	4.9952	-0.0003
4508	150	LDR Unbiased	4.9964	4.9989	0.0025
4509	150	LDR Unbiased	5.0207	5.0398	0.0191

Test Statistics (V)

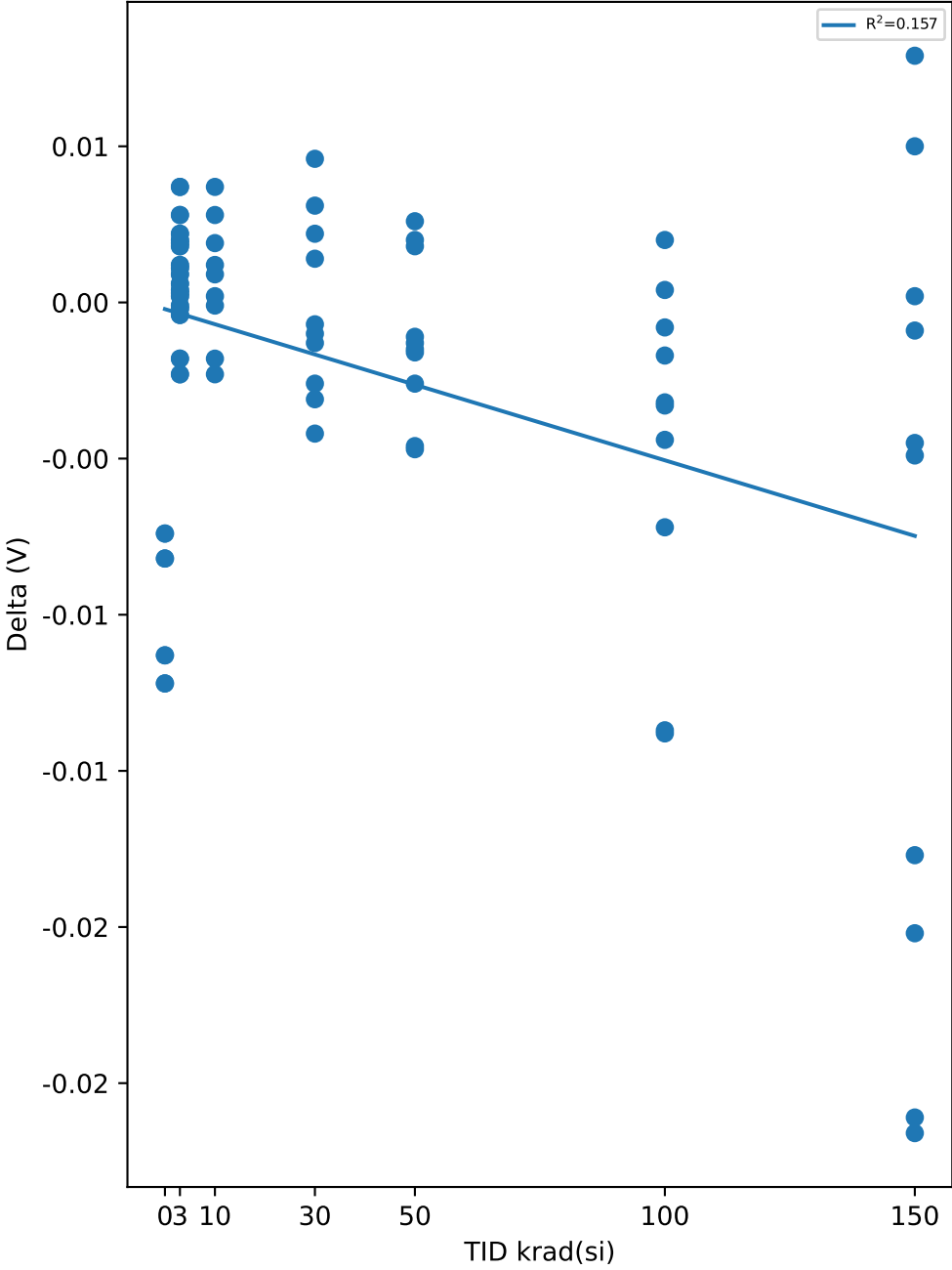
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.996	5.0049	5.0137	0.012516	5.0014	5.0064	5.0114	0.0070711	-0.0123	0.00155	0.0154	0.019587
3	4.9947	5.0102	5.0234	0.0090219	4.9962	5.0113	5.0231	0.0085284	-0.0003	0.0011111	0.0031	0.0010948
10	4.9947	5.0102	5.0234	0.0090219	4.9943	5.0109	5.0232	0.008849	-0.0009	0.00066667	0.0024	0.0011885
30	4.9856	5.0048	5.0248	0.014691	4.9847	5.0028	5.0227	0.01411	-0.0054	-0.00197	0.0011	0.0023749
50	4.9856	5.0048	5.0248	0.014691	4.9828	5.001	5.0199	0.014804	-0.0057	-0.00376	-0.0018	0.0013066
100	4.9856	5.0048	5.0248	0.014691	4.9769	4.9973	5.0192	0.015971	-0.0126	-0.00751	-0.0025	0.0034024
150	4.9886	5.0085	5.0232	0.01285	4.9615	5.0011	5.0398	0.023438	-0.0617	-0.00736	0.0191	0.02231

Device Test: 62.11 V_BP5H PWM 5MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

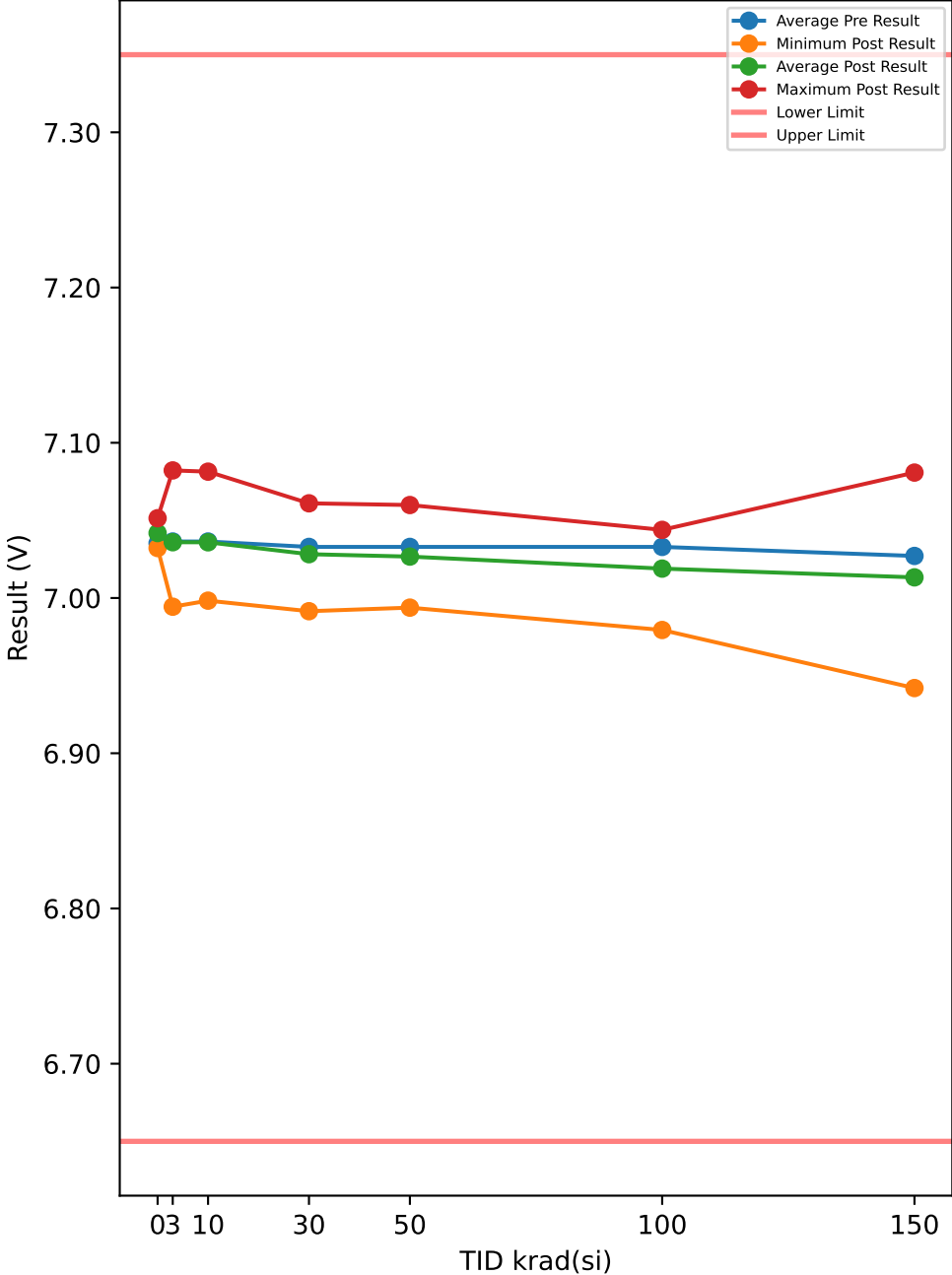
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0015	4.9933	-0.0082
2	0	CORRELATION	5.001	4.9888	-0.0122
259	3	LDR Biased	5.0165	5.0161	-0.0004
426	3	LDR Biased	5.0005	5.0011	0.0006
427	3	LDR Biased	4.9932	4.9935	0.0003
428	3	LDR Biased	4.9868	4.9866	-0.0002
429	3	LDR Unbiased	4.9881	4.9903	0.0022
430	3	LDR Unbiased	5.0099	5.0119	0.002
431	3	LDR Unbiased	5.0077	5.0095	0.0018
432	3	LDR Unbiased	4.9955	4.9959	0.0004
433	3	LDR Unbiased	4.9934	4.9945	0.0011
1259	10	LDR Biased	5.0165	5.0193	0.0028
1426	10	LDR Biased	5.0005	5.0004	-0.0001
1427	10	LDR Biased	4.9932	4.9944	0.0012
1428	10	LDR Biased	4.9868	4.987	0.0002
1429	10	LDR Unbiased	4.9881	4.9863	-0.0018
1430	10	LDR Unbiased	5.0099	5.0118	0.0019
1431	10	LDR Unbiased	5.0077	5.0054	-0.0023
1432	10	LDR Unbiased	4.9955	4.9992	0.0037
1433	10	LDR Unbiased	4.9934	4.9943	0.0009
2434	30	LDR Biased	4.9986	5.0032	0.0046
2435	30	LDR Biased	5.0143	5.0136	-0.0007
2436	30	LDR Biased	4.9899	4.993	0.0031
2437	30	LDR Biased	5.0226	5.0195	-0.0031
2438	30	LDR Biased	4.9879	4.9866	-0.0013
2439	30	LDR Unbiased	4.9964	4.9954	-0.001
2440	30	LDR Unbiased	5.0148	5.0162	0.0014
2441	30	LDR Unbiased	5.0015	4.9973	-0.0042
2443	30	LDR Unbiased	5.001	4.9984	-0.0026
2444	30	LDR Unbiased	5.021	5.0232	0.0022
3434	50	LDR Biased	4.9986	5.0012	0.0026
3435	50	LDR Biased	5.0143	5.0117	-0.0026
3436	50	LDR Biased	4.9899	4.9917	0.0018
3437	50	LDR Biased	5.0226	5.018	-0.0046
3438	50	LDR Biased	4.9879	4.9868	-0.0011
3439	50	LDR Unbiased	4.9964	4.9951	-0.0013
3440	50	LDR Unbiased	5.0148	5.0133	-0.0015
3441	50	LDR Unbiased	5.0015	4.9968	-0.0047
3443	50	LDR Unbiased	5.001	4.9994	-0.0016
3444	50	LDR Unbiased	5.021	5.023	0.002
4434	100	LDR Biased	4.9986	5.0006	0.002
4435	100	LDR Biased	5.0143	5.0111	-0.0032
4436	100	LDR Biased	4.9899	4.9866	-0.0033
4437	100	LDR Biased	5.0226	5.0154	-0.0072
4438	100	LDR Biased	4.9879	4.9835	-0.0044
4439	100	LDR Unbiased	4.9964	4.9826	-0.0138
4440	100	LDR Unbiased	5.0148	5.0011	-0.0137
4441	100	LDR Unbiased	5.0015	4.9998	-0.0017
4443	100	LDR Unbiased	5.001	5.0002	-0.0008
4444	100	LDR Unbiased	5.021	5.0214	0.0004
4500	150	LDR Biased	5.0036	4.9859	-0.0177
4501	150	LDR Biased	5.0039	4.999	-0.0049
4502	150	LDR Biased	5.0208	5.0163	-0.0045
4503	150	LDR Biased	5.0057	5.0048	-0.0009
4504	150	LDR Biased	5.0158	4.9956	-0.0202
4505	150	LDR Unbiased	5.0249	4.9988	-0.0261
4506	150	LDR Unbiased	5.0179	4.9913	-0.0266
4507	150	LDR Unbiased	5.024	5.0242	0.0002
4508	150	LDR Unbiased	5.0224	5.0303	0.0079
4509	150	LDR Unbiased	4.9948	4.9998	0.005

Test Statistics (V)

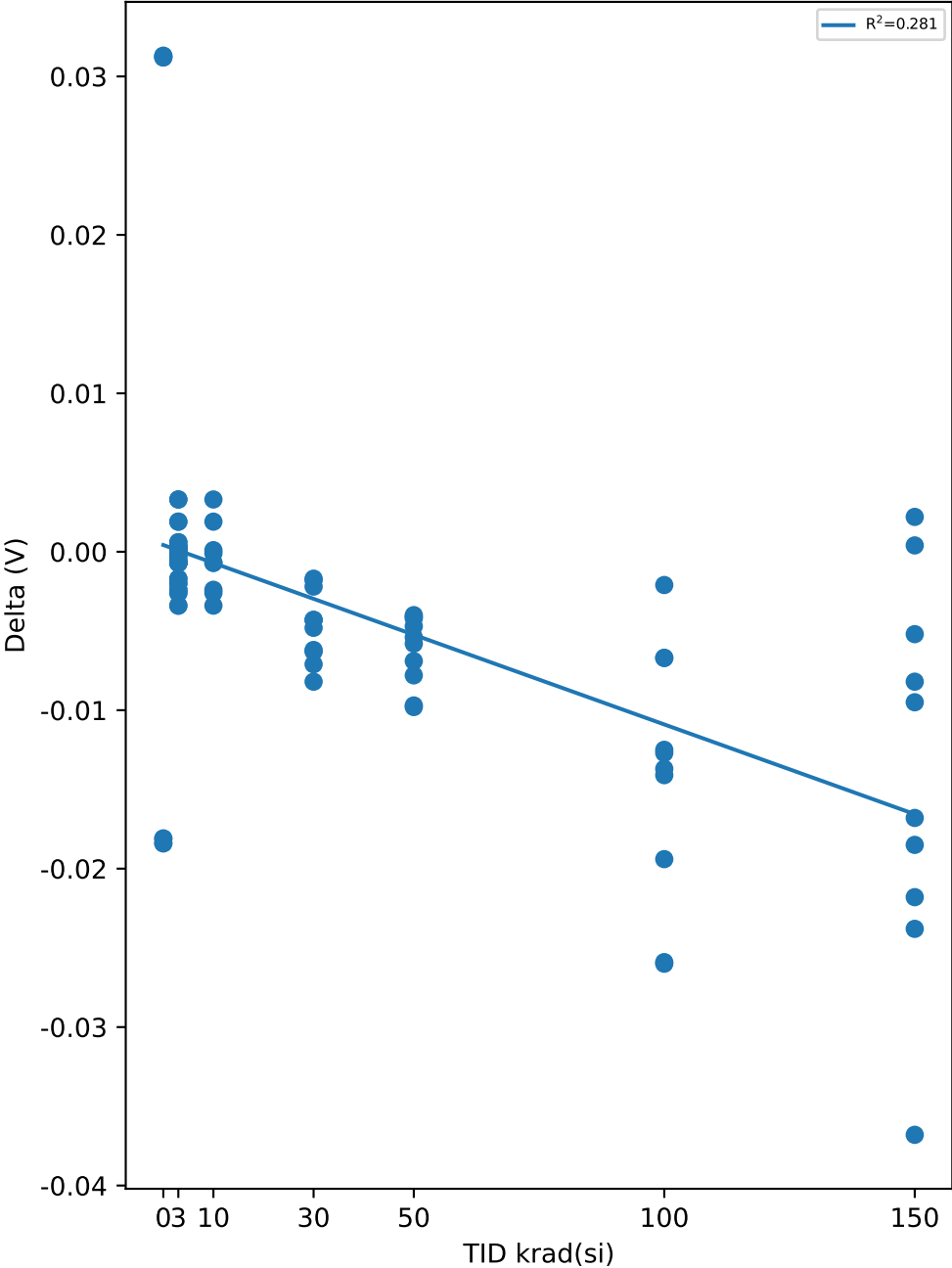
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.001	5.0013	5.0015	0.00035355	4.9888	4.991	4.9933	0.003182	-0.0122	-0.0102	-0.0082	0.0028284
3	4.9868	4.9991	5.0165	0.010295	4.9866	4.9999	5.0161	0.010339	-0.0004	0.00086667	0.0022	0.00095786
10	4.9868	4.9991	5.0165	0.010295	4.9863	4.9998	5.0193	0.010965	-0.0023	0.00072222	0.0037	0.0019772
30	4.9879	5.0048	5.0226	0.012523	4.9866	5.0046	5.0232	0.012563	-0.0042	-0.00016	0.0046	0.0028772
50	4.9879	5.0048	5.0226	0.012523	4.9868	5.0037	5.023	0.01206	-0.0047	-0.0011	0.0026	0.0025738
100	4.9879	5.0048	5.0226	0.012523	4.9826	5.0002	5.0214	0.013225	-0.0138	-0.00457	0.002	0.0054701
150	4.9948	5.0134	5.0249	0.01053	4.9859	5.0046	5.0303	0.014442	-0.0266	-0.00878	0.0079	0.012788

Device Test: 62.12 V_BP7L IIM 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

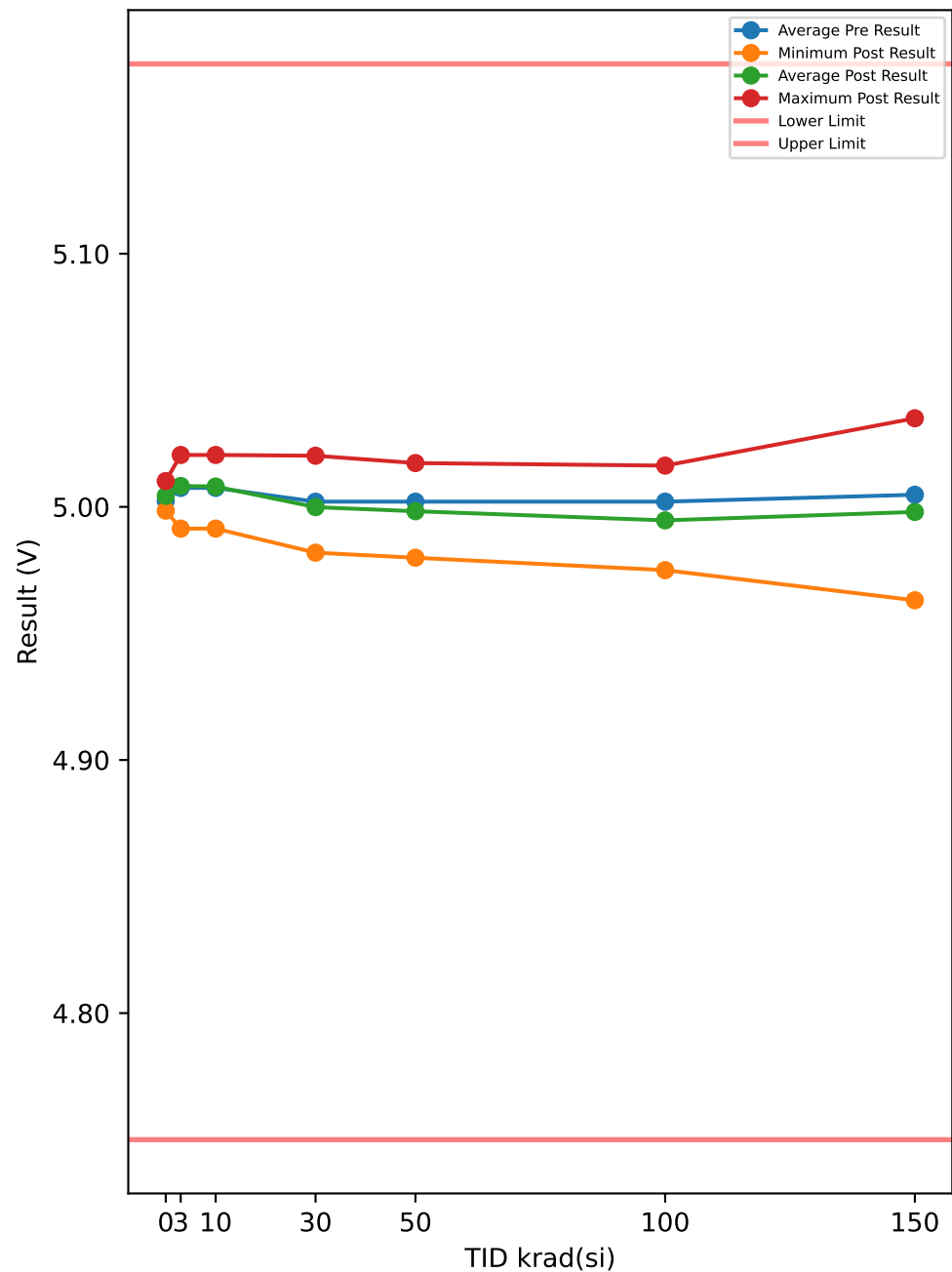
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0506	7.0325	-0.0181
2	0	CORRELATION	7.0201	7.0513	0.0312
259	3	LDR Biased	7.0821	7.0822	0.0001
426	3	LDR Biased	7.0203	7.0206	0.0003
427	3	LDR Biased	7.0635	7.0638	0.0003
428	3	LDR Biased	7.0454	7.0447	-0.0007
429	3	LDR Unbiased	7.0397	7.0392	-0.0005
430	3	LDR Unbiased	7.0122	7.012	-0.0002
431	3	LDR Unbiased	6.9964	6.9944	-0.002
432	3	LDR Unbiased	7.0424	7.0407	-0.0017
433	3	LDR Unbiased	7.0256	7.0262	0.0006
1259	10	LDR Biased	7.0821	7.0814	-0.0007
1426	10	LDR Biased	7.0203	7.0202	-0.0001
1427	10	LDR Biased	7.0635	7.0611	-0.0024
1428	10	LDR Biased	7.0454	7.0455	0.0001
1429	10	LDR Unbiased	7.0397	7.039	-0.0007
1430	10	LDR Unbiased	7.0122	7.0096	-0.0026
1431	10	LDR Unbiased	6.9964	6.9983	0.0019
1432	10	LDR Unbiased	7.0424	7.039	-0.0034
1433	10	LDR Unbiased	7.0256	7.0289	0.0033
2434	30	LDR Biased	7.0115	7.0093	-0.0022
2435	30	LDR Biased	7.0442	7.036	-0.0082
2436	30	LDR Biased	7.0653	7.061	-0.0043
2437	30	LDR Biased	7.0525	7.0508	-0.0017
2438	30	LDR Biased	7.0602	7.054	-0.0062
2439	30	LDR Unbiased	6.9978	6.9915	-0.0063
2440	30	LDR Unbiased	6.9988	6.997	-0.0018
2441	30	LDR Unbiased	7.0506	7.0435	-0.0071
2443	30	LDR Unbiased	7.0201	7.0158	-0.0043
2444	30	LDR Unbiased	7.0282	7.0234	-0.0048
3434	50	LDR Biased	7.0115	7.0037	-0.0078
3435	50	LDR Biased	7.0442	7.0345	-0.0097
3436	50	LDR Biased	7.0653	7.0599	-0.0054
3437	50	LDR Biased	7.0525	7.0484	-0.0041
3438	50	LDR Biased	7.0602	7.0504	-0.0098
3439	50	LDR Unbiased	6.9978	6.9938	-0.004
3440	50	LDR Unbiased	6.9988	6.9946	-0.0042
3441	50	LDR Unbiased	7.0506	7.0448	-0.0058
3443	50	LDR Unbiased	7.0201	7.0154	-0.0047
3444	50	LDR Unbiased	7.0282	7.0213	-0.0069
4434	100	LDR Biased	7.0115	6.999	-0.0125
4435	100	LDR Biased	7.0442	7.0305	-0.0137
4436	100	LDR Biased	7.0653	7.0393	-0.026
4437	100	LDR Biased	7.0525	7.0384	-0.0141
4438	100	LDR Biased	7.0602	7.0343	-0.0259
4439	100	LDR Unbiased	6.9978	6.9911	-0.0067
4440	100	LDR Unbiased	6.9988	6.9794	-0.0194
4441	100	LDR Unbiased	7.0506	7.0439	-0.0067
4443	100	LDR Unbiased	7.0201	7.018	-0.0021
4444	100	LDR Unbiased	7.0282	7.0155	-0.0127
4500	150	LDR Biased	7.038	7.0142	-0.0238
4501	150	LDR Biased	7.0172	7.009	-0.0082
4502	150	LDR Biased	6.9909	6.9724	-0.0185
4503	150	LDR Biased	7.0502	7.0524	0.0022
4504	150	LDR Biased	6.9638	6.942	-0.0218
4505	150	LDR Unbiased	7.005	7.0054	0.0004
4506	150	LDR Unbiased	7.0341	7.0173	-0.0168
4507	150	LDR Unbiased	7.0903	7.0808	-0.0095
4508	150	LDR Unbiased	7.0247	6.9879	-0.0368
4509	150	LDR Unbiased	7.0568	7.0516	-0.0052

Test Statistics (V)

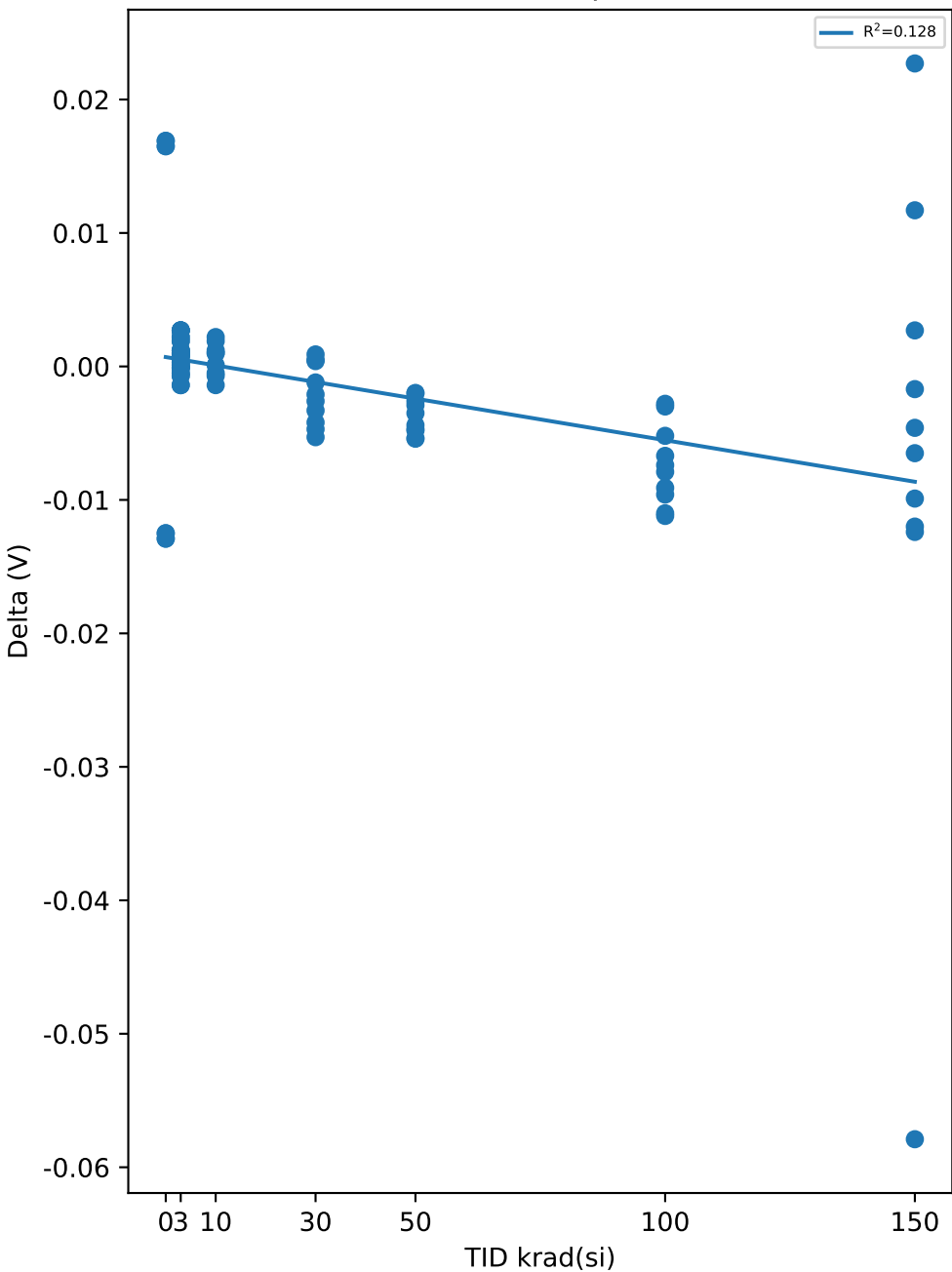
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0201	7.0354	7.0506	0.021567	7.0325	7.0419	7.0513	0.013294	-0.0181	0.00655	0.0312	0.03486
3	6.9964	7.0364	7.0821	0.026249	6.9944	7.036	7.0822	0.026587	-0.002	-0.00042222	0.0006	0.00090936
10	6.9964	7.0364	7.0821	0.026249	6.9983	7.0359	7.0814	0.025538	-0.0034	-0.00051111	0.0033	0.0021572
30	6.9978	7.0329	7.0653	0.025075	6.9915	7.0282	7.061	0.024498	-0.0082	-0.00469	-0.0017	0.0022806
50	6.9978	7.0329	7.0653	0.025075	6.9938	7.0267	7.0599	0.024317	-0.0098	-0.00624	-0.004	0.0022247
100	6.9978	7.0329	7.0653	0.025075	6.9794	7.0189	7.0439	0.022446	-0.026	-0.01398	-0.0021	0.0079372
150	6.9638	7.0271	7.0903	0.035726	6.942	7.0133	7.0808	0.040895	-0.0368	-0.0138	0.0022	0.012044

Device Test: 62.13 V_BP5L IIM 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

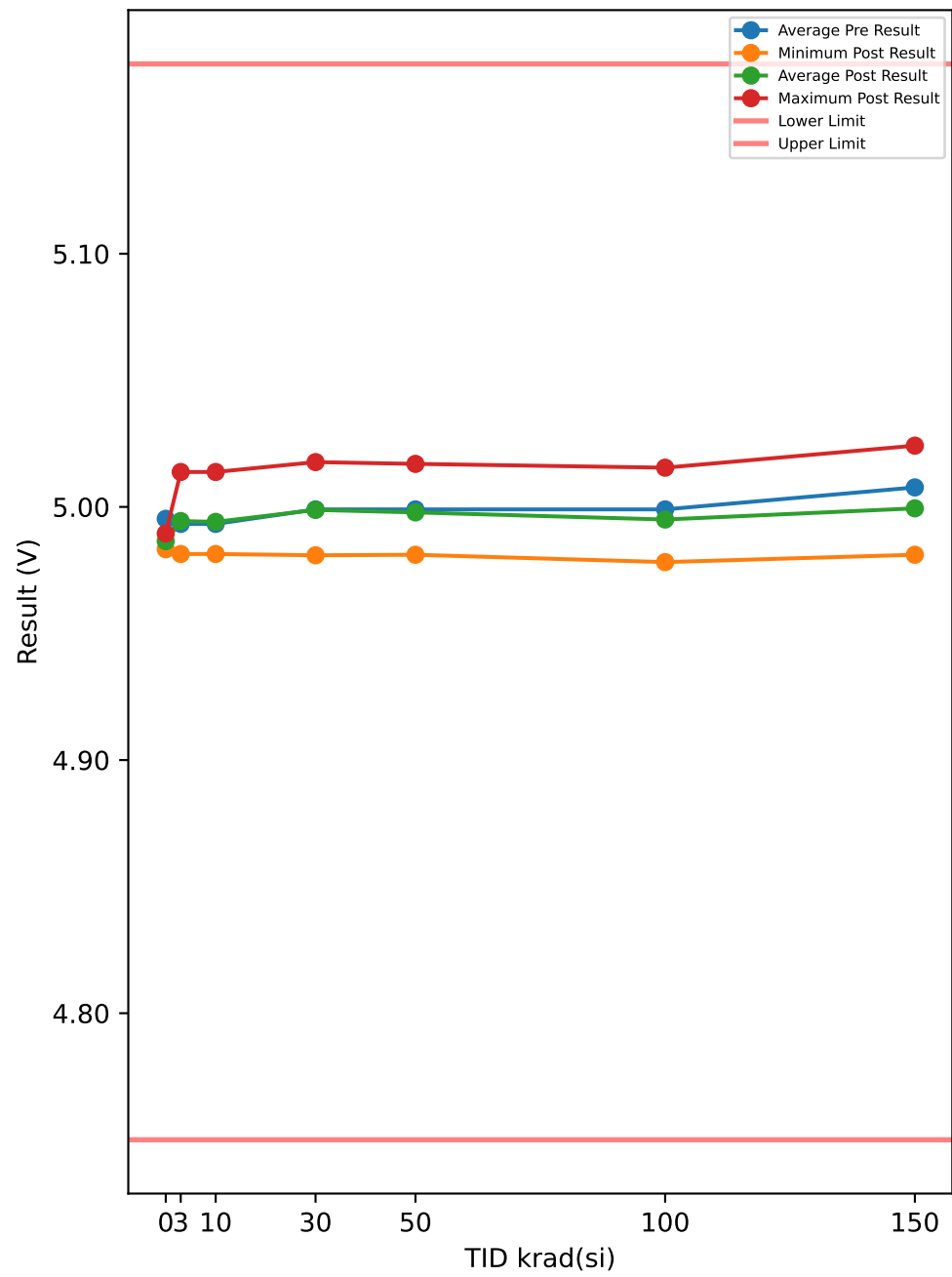
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9933	5.0098	0.0165
2	0	CORRELATION	5.0114	4.9985	-0.0129
259	3	LDR Biased	5.0036	5.0063	0.0027
426	3	LDR Biased	5.0119	5.0118	-0.0001
427	3	LDR Biased	5.0094	5.0121	0.0027
428	3	LDR Biased	5.0204	5.0203	-0.0001
429	3	LDR Unbiased	4.999	5.0002	0.0012
430	3	LDR Unbiased	4.9919	4.9928	0.0009
431	3	LDR Unbiased	5.0031	5.0039	0.0008
432	3	LDR Unbiased	5.0156	5.0163	0.0007
433	3	LDR Unbiased	5.0125	5.0128	0.0003
1259	10	LDR Biased	5.0036	5.0055	0.0019
1426	10	LDR Biased	5.0119	5.0105	-0.0014
1427	10	LDR Biased	5.0094	5.0116	0.0022
1428	10	LDR Biased	5.0204	5.0205	0.0001
1429	10	LDR Unbiased	4.999	5	0.001
1430	10	LDR Unbiased	4.9919	4.9914	-0.0005
1431	10	LDR Unbiased	5.0031	5.0043	0.0012
1432	10	LDR Unbiased	5.0156	5.0149	-0.0007
1433	10	LDR Unbiased	5.0125	5.0135	0.001
2434	30	LDR Biased	5.0193	5.0202	0.0009
2435	30	LDR Biased	5.002	5.0008	-0.0012
2436	30	LDR Biased	4.9853	4.9858	0.0005
2437	30	LDR Biased	4.9829	4.9833	0.0004
2438	30	LDR Biased	5.0066	5.004	-0.0026
2439	30	LDR Unbiased	5.0212	5.0159	-0.0053
2440	30	LDR Unbiased	4.9852	4.9819	-0.0033
2441	30	LDR Unbiased	4.9933	4.9891	-0.0042
2443	30	LDR Unbiased	5.0114	5.0067	-0.0047
2444	30	LDR Unbiased	5.0133	5.0112	-0.0021
3434	50	LDR Biased	5.0193	5.0173	-0.002
3435	50	LDR Biased	5.002	4.9973	-0.0047
3436	50	LDR Biased	4.9853	4.9799	-0.0054
3437	50	LDR Biased	4.9829	4.9803	-0.0026
3438	50	LDR Biased	5.0066	5.0046	-0.002
3439	50	LDR Unbiased	5.0212	5.0158	-0.0054
3440	50	LDR Unbiased	4.9852	4.9823	-0.0029
3441	50	LDR Unbiased	4.9933	4.9885	-0.0048
3443	50	LDR Unbiased	5.0114	5.0079	-0.0035
3444	50	LDR Unbiased	5.0133	5.0089	-0.0044
4434	100	LDR Biased	5.0193	5.0163	-0.003
4435	100	LDR Biased	5.002	4.9908	-0.0112
4436	100	LDR Biased	4.9853	4.9762	-0.0091
4437	100	LDR Biased	4.9829	4.975	-0.0079
4438	100	LDR Biased	5.0066	5.0038	-0.0028
4439	100	LDR Unbiased	5.0212	5.0102	-0.011
4440	100	LDR Unbiased	4.9852	4.9756	-0.0096
4441	100	LDR Unbiased	4.9933	4.9859	-0.0074
4443	100	LDR Unbiased	5.0114	5.0062	-0.0052
4444	100	LDR Unbiased	5.0133	5.0066	-0.0067
4500	150	LDR Biased	5.0095	4.9971	-0.0124
4501	150	LDR Biased	4.9984	4.9885	-0.0099
4502	150	LDR Biased	5.0175	5.0055	-0.012
4503	150	LDR Biased	4.9862	4.9816	-0.0046
4504	150	LDR Biased	5.0188	5.0305	0.0117
4505	150	LDR Unbiased	4.9975	4.991	-0.0065
4506	150	LDR Unbiased	5.021	4.9631	-0.0579
4507	150	LDR Unbiased	4.9929	4.9912	-0.0017
4508	150	LDR Unbiased	4.9937	4.9964	0.0027
4509	150	LDR Unbiased	5.0123	5.035	0.0227

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	4.9933	5.0023	5.0114	0.012799	4.9985	5.0042	5.0098	0.0079903	-0.0129	0.0018	0.0165	0.020789
3	4.9919	5.0075	5.0204	0.0088753	4.9928	5.0085	5.0203	0.0085425	-0.0001	0.0010111	0.0027	0.0010529
10	4.9919	5.0075	5.0204	0.0088753	4.9914	5.008	5.0205	0.0087523	-0.0014	0.00053333	0.0022	0.0012268
30	4.9829	5.002	5.0212	0.014555	4.9819	4.9999	5.0202	0.014042	-0.0053	-0.00216	0.0009	0.0022579
50	4.9829	5.002	5.0212	0.014555	4.9799	4.9983	5.0173	0.014633	-0.0054	-0.00377	-0.002	0.0013375
100	4.9829	5.002	5.0212	0.014555	4.975	4.9947	5.0163	0.015816	-0.0112	-0.00739	-0.0028	0.0030042
150	4.9862	5.0048	5.021	0.012486	4.9631	4.998	5.035	0.021492	-0.0579	-0.00679	0.0227	0.021116

Device Test: 62.14 V_BP5H IIM 500kHz VIN_14V

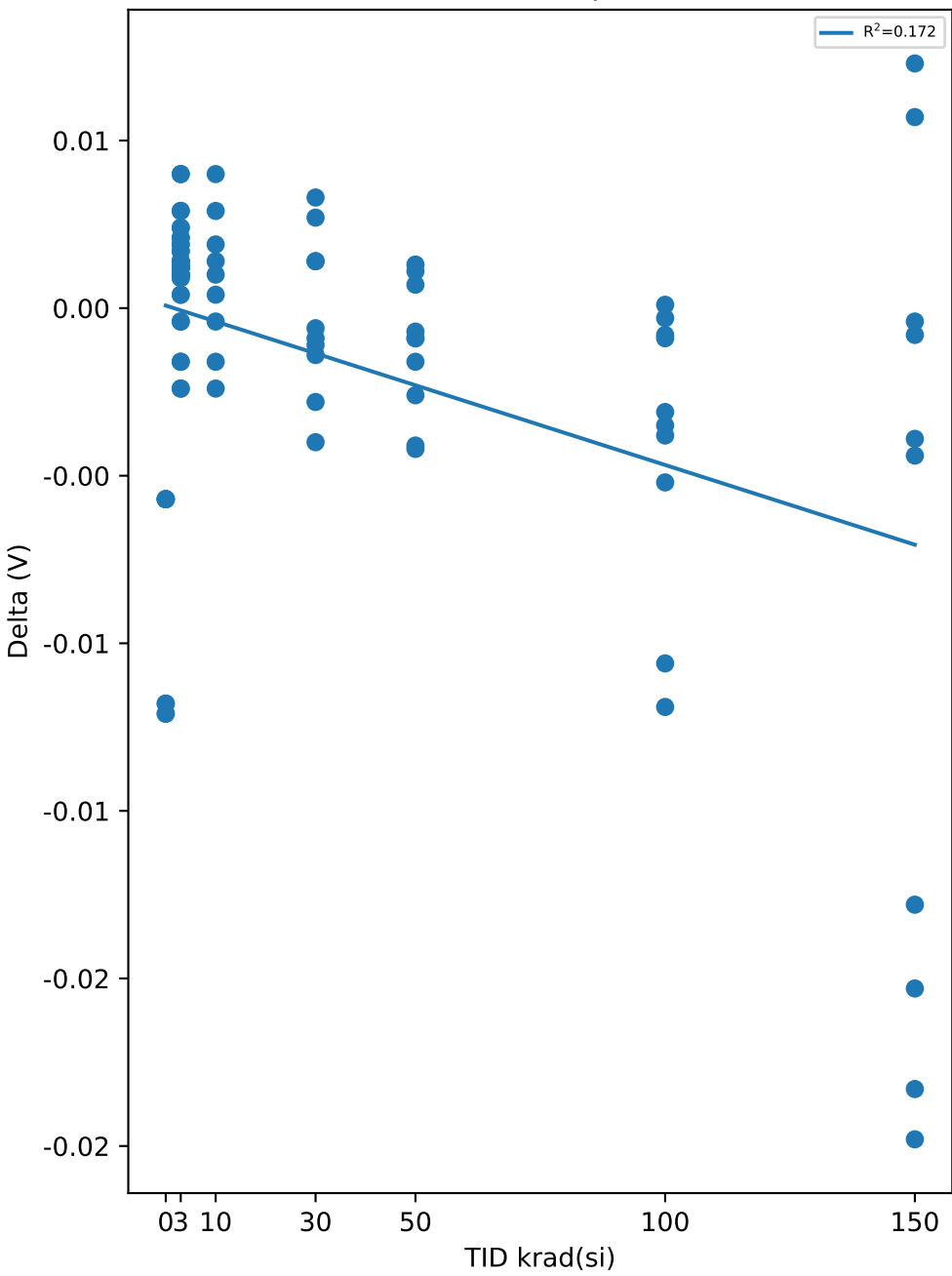
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9952	4.9895	-0.0057
2	0	CORRELATION	4.9954	4.9833	-0.0121
259	3	LDR Biased	5.0109	5.0118	0.0009
426	3	LDR Biased	4.9947	4.9959	0.0012
427	3	LDR Biased	4.9869	4.9881	0.0012
428	3	LDR Biased	4.981	4.982	0.001
429	3	LDR Unbiased	4.9838	4.9851	0.0013
430	3	LDR Unbiased	5.0037	5.0061	0.0024
431	3	LDR Unbiased	5.0012	5.0033	0.0021
432	3	LDR Unbiased	4.9898	4.9915	0.0017
433	3	LDR Unbiased	4.9876	4.989	0.0014
1259	10	LDR Biased	5.0109	5.0138	0.0029
1426	10	LDR Biased	4.9947	4.9943	-0.0004
1427	10	LDR Biased	4.9869	4.9883	0.0014
1428	10	LDR Biased	4.981	4.9814	0.0004
1429	10	LDR Unbiased	4.9838	4.9822	-0.0016
1430	10	LDR Unbiased	5.0037	5.0056	0.0019
1431	10	LDR Unbiased	5.0012	4.9988	-0.0024
1432	10	LDR Unbiased	4.9898	4.9938	0.004
1433	10	LDR Unbiased	4.9876	4.9886	0.001
2434	30	LDR Biased	4.9943	4.9976	0.0033
2435	30	LDR Biased	5.0082	5.0076	-0.0006
2436	30	LDR Biased	4.9845	4.9872	0.0027
2437	30	LDR Biased	5.0166	5.0138	-0.0028
2438	30	LDR Biased	4.982	4.9809	-0.0011
2439	30	LDR Unbiased	4.9897	4.9888	-0.0009
2440	30	LDR Unbiased	5.008	5.0094	0.0014
2441	30	LDR Unbiased	4.9952	4.9912	-0.004
2443	30	LDR Unbiased	4.9954	4.994	-0.0014
2444	30	LDR Unbiased	5.0163	5.0177	0.0014
3434	50	LDR Biased	4.9943	4.9954	0.0011
3435	50	LDR Biased	5.0082	5.0056	-0.0026
3436	50	LDR Biased	4.9845	4.9858	0.0013
3437	50	LDR Biased	5.0166	5.0125	-0.0041
3438	50	LDR Biased	4.982	4.9811	-0.0009
3439	50	LDR Unbiased	4.9897	4.9888	-0.0009
3440	50	LDR Unbiased	5.008	5.0064	-0.0016
3441	50	LDR Unbiased	4.9952	4.991	-0.0042
3443	50	LDR Unbiased	4.9954	4.9947	-0.0007
3444	50	LDR Unbiased	5.0163	5.017	0.0007
4434	100	LDR Biased	4.9943	4.9944	0.0001
4435	100	LDR Biased	5.0082	5.0051	-0.0031
4436	100	LDR Biased	4.9845	4.981	-0.0035
4437	100	LDR Biased	5.0166	5.0114	-0.0052
4438	100	LDR Biased	4.982	4.9782	-0.0038
4439	100	LDR Unbiased	4.9897	4.9791	-0.0106
4440	100	LDR Unbiased	5.008	4.9961	-0.0119
4441	100	LDR Unbiased	4.9952	4.9949	-0.0003
4443	100	LDR Unbiased	4.9954	4.9945	-0.0009
4444	100	LDR Unbiased	5.0163	5.0155	-0.0008
4500	150	LDR Biased	4.9989	4.9811	-0.0178
4501	150	LDR Biased	4.9975	4.9936	-0.0039
4502	150	LDR Biased	5.0141	5.0097	-0.0044
4503	150	LDR Biased	4.9991	4.9987	-0.0004
4504	150	LDR Biased	5.0109	4.9906	-0.0203
4505	150	LDR Unbiased	5.02	4.9967	-0.0233
4506	150	LDR Unbiased	5.0126	4.9878	-0.0248
4507	150	LDR Unbiased	5.0186	5.0178	-0.0008
4508	150	LDR Unbiased	5.0169	5.0242	0.0073
4509	150	LDR Unbiased	4.9884	4.9941	0.0057

TID vs Post - Pre Exposure Delta

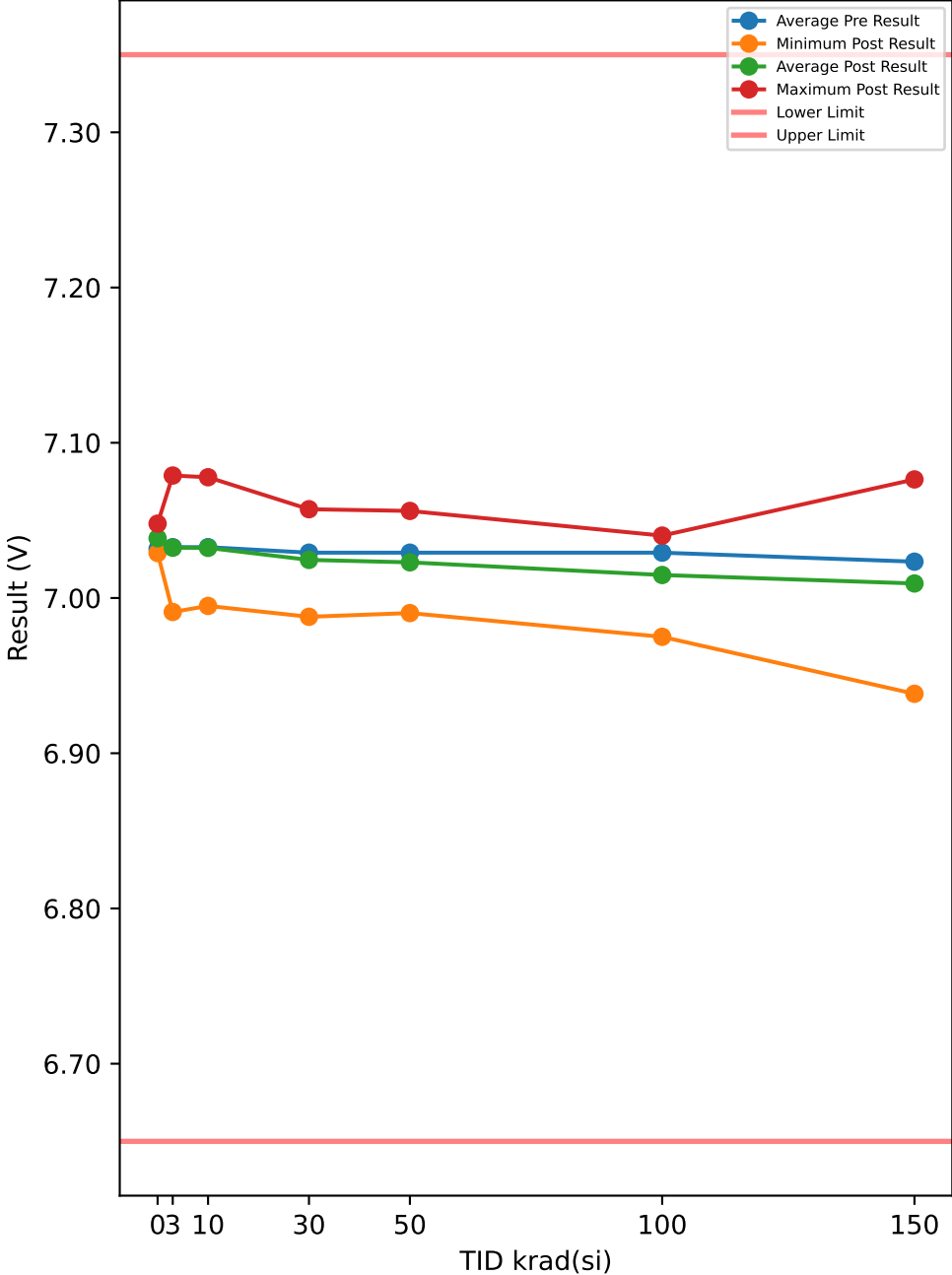


Test Statistics (V)

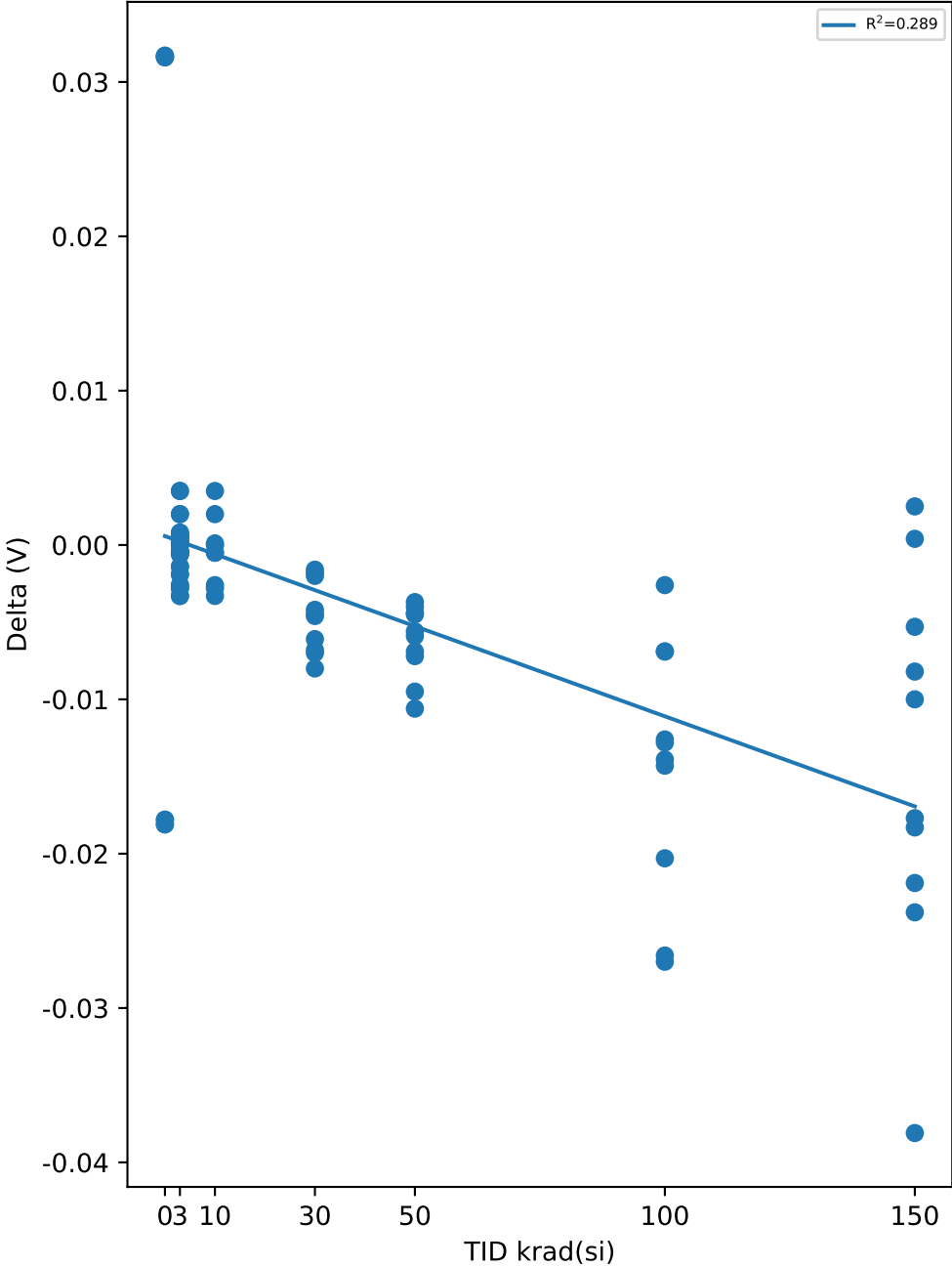
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9952	4.9953	4.9954	0.00014142	4.9833	4.9864	4.9895	0.0043841	-0.0121	-0.0089	-0.0057	0.0045255
3	4.981	4.9933	5.0109	0.010059	4.982	4.9948	5.0118	0.010232	0.0009	0.0014667	0.0024	0.00050498
10	4.981	4.9933	5.0109	0.010059	4.9814	4.9941	5.0138	0.010662	-0.0024	0.0008	0.004	0.0020573
30	4.982	4.999	5.0166	0.012516	4.9809	4.9988	5.0177	0.012513	-0.004	-0.0002	0.0033	0.0023542
50	4.982	4.999	5.0166	0.012516	4.9811	4.9978	5.017	0.011949	-0.0042	-0.00119	0.0013	0.0019751
100	4.982	4.999	5.0166	0.012516	4.9782	4.995	5.0155	0.013013	-0.0119	-0.004	0.0001	0.0042013
150	4.9884	5.0077	5.02	0.010842	4.9811	4.9994	5.0242	0.013647	-0.0248	-0.00827	0.0073	0.012129

Device Test: 62.15 V_BP7L IIM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

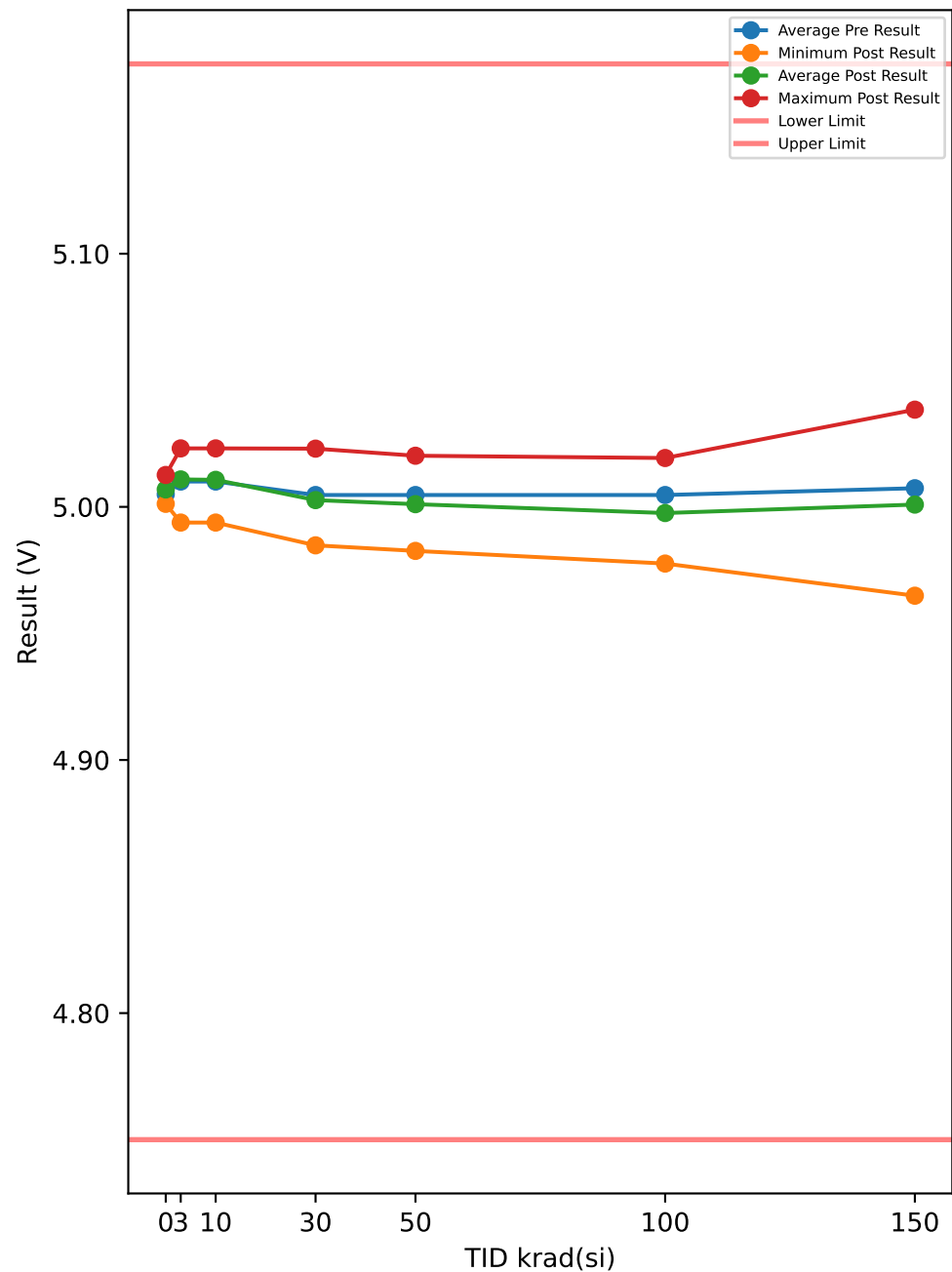
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0471	7.0293	-0.0178
2	0	CORRELATION	7.0162	7.0478	0.0316
259	3	LDR Biased	7.0783	7.0789	0.0006
426	3	LDR Biased	7.0166	7.0171	0.0005
427	3	LDR Biased	7.06	7.0603	0.0003
428	3	LDR Biased	7.0417	7.0411	-0.0006
429	3	LDR Unbiased	7.036	7.0356	-0.0004
430	3	LDR Unbiased	7.0087	7.0088	0.0001
431	3	LDR Unbiased	6.9929	6.991	-0.0019
432	3	LDR Unbiased	7.0387	7.0373	-0.0014
433	3	LDR Unbiased	7.0219	7.0227	0.0008
1259	10	LDR Biased	7.0783	7.0778	-0.0005
1426	10	LDR Biased	7.0166	7.0166	0
1427	10	LDR Biased	7.06	7.0574	-0.0026
1428	10	LDR Biased	7.0417	7.0418	0.0001
1429	10	LDR Unbiased	7.036	7.0355	-0.0005
1430	10	LDR Unbiased	7.0087	7.0059	-0.0028
1431	10	LDR Unbiased	6.9929	6.9949	0.002
1432	10	LDR Unbiased	7.0387	7.0354	-0.0033
1433	10	LDR Unbiased	7.0219	7.0254	0.0035
2434	30	LDR Biased	7.0078	7.0058	-0.002
2435	30	LDR Biased	7.0403	7.0323	-0.008
2436	30	LDR Biased	7.0617	7.0572	-0.0045
2437	30	LDR Biased	7.0487	7.0471	-0.0016
2438	30	LDR Biased	7.0565	7.0497	-0.0068
2439	30	LDR Unbiased	6.994	6.9879	-0.0061
2440	30	LDR Unbiased	6.9953	6.9935	-0.0018
2441	30	LDR Unbiased	7.0471	7.0401	-0.007
2443	30	LDR Unbiased	7.0162	7.012	-0.0042
2444	30	LDR Unbiased	7.0245	7.0199	-0.0046
3434	50	LDR Biased	7.0078	7.0006	-0.0072
3435	50	LDR Biased	7.0403	7.0308	-0.0095
3436	50	LDR Biased	7.0617	7.0561	-0.0056
3437	50	LDR Biased	7.0487	7.0447	-0.004
3438	50	LDR Biased	7.0565	7.0459	-0.0106
3439	50	LDR Unbiased	6.994	6.9903	-0.0037
3440	50	LDR Unbiased	6.9953	6.9909	-0.0044
3441	50	LDR Unbiased	7.0471	7.0412	-0.0059
3443	50	LDR Unbiased	7.0162	7.0117	-0.0045
3444	50	LDR Unbiased	7.0245	7.0176	-0.0069
4434	100	LDR Biased	7.0078	6.9952	-0.0126
4435	100	LDR Biased	7.0403	7.0264	-0.0139
4436	100	LDR Biased	7.0617	7.0351	-0.0266
4437	100	LDR Biased	7.0487	7.0344	-0.0143
4438	100	LDR Biased	7.0565	7.0295	-0.027
4439	100	LDR Unbiased	6.994	6.9871	-0.0069
4440	100	LDR Unbiased	6.9953	6.975	-0.0203
4441	100	LDR Unbiased	7.0471	7.0402	-0.0069
4443	100	LDR Unbiased	7.0162	7.0136	-0.0026
4444	100	LDR Unbiased	7.0245	7.0117	-0.0128
4500	150	LDR Biased	7.0342	7.0104	-0.0238
4501	150	LDR Biased	7.0137	7.0055	-0.0082
4502	150	LDR Biased	6.9873	6.969	-0.0183
4503	150	LDR Biased	7.0466	7.0491	0.0025
4504	150	LDR Biased	6.9602	6.9383	-0.0219
4505	150	LDR Unbiased	7.0012	7.0016	0.0004
4506	150	LDR Unbiased	7.0305	7.0128	-0.0177
4507	150	LDR Unbiased	7.0864	7.0764	-0.01
4508	150	LDR Unbiased	7.0211	6.983	-0.0381
4509	150	LDR Unbiased	7.0529	7.0476	-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	7.0162	7.0317	7.0471	0.02185	7.0293	7.0385	7.0478	0.013081	-0.0178	0.0069	0.0316	0.034931
3	6.9929	7.0328	7.0783	0.026193	6.991	7.0325	7.0789	0.026574	-0.0019	-0.00022222	0.0008	0.00093512
10	6.9929	7.0328	7.0783	0.026193	6.9949	7.0323	7.0778	0.025496	-0.0033	-0.00045556	0.0035	0.0022467
30	6.994	7.0292	7.0617	0.025084	6.9879	7.0245	7.0572	0.024374	-0.008	-0.00466	-0.0016	0.0023129
50	6.994	7.0292	7.0617	0.025084	6.9903	7.023	7.0561	0.024132	-0.0106	-0.00623	-0.0037	0.0023429
100	6.994	7.0292	7.0617	0.025084	6.975	7.0148	7.0402	0.022456	-0.027	-0.01439	-0.0026	0.0081664
150	6.9602	7.0234	7.0864	0.035644	6.9383	7.0094	7.0764	0.040821	-0.0381	-0.01404	0.0025	0.012366

Device Test: 62.16 V_BP5L IIM 1MHz VIN_14V

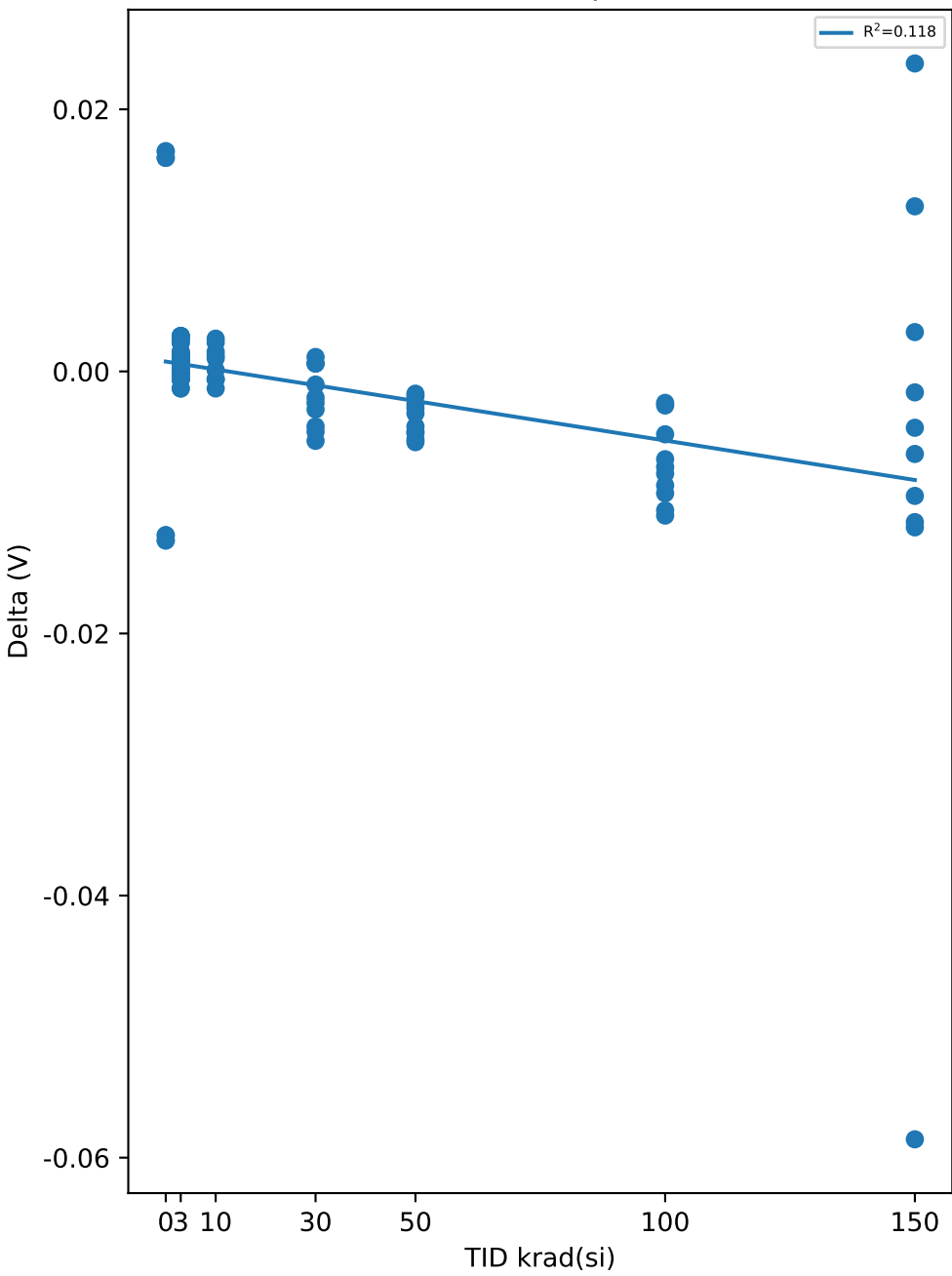
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9958	5.0121	0.0163
2	0	CORRELATION	5.0141	5.0012	-0.0129
259	3	LDR Biased	5.006	5.0087	0.0027
426	3	LDR Biased	5.0147	5.0145	-0.0002
427	3	LDR Biased	5.0119	5.0146	0.0027
428	3	LDR Biased	5.023	5.0228	-0.0002
429	3	LDR Unbiased	5.0014	5.0027	0.0013
430	3	LDR Unbiased	4.9944	4.9953	0.0009
431	3	LDR Unbiased	5.0055	5.0063	0.0008
432	3	LDR Unbiased	5.0182	5.0189	0.0007
433	3	LDR Unbiased	5.015	5.0153	0.0003
1259	10	LDR Biased	5.006	5.0082	0.0022
1426	10	LDR Biased	5.0147	5.0134	-0.0013
1427	10	LDR Biased	5.0119	5.0144	0.0025
1428	10	LDR Biased	5.023	5.0231	0.0001
1429	10	LDR Unbiased	5.0014	5.0026	0.0012
1430	10	LDR Unbiased	4.9944	4.9938	-0.0006
1431	10	LDR Unbiased	5.0055	5.007	0.0015
1432	10	LDR Unbiased	5.0182	5.0176	-0.0006
1433	10	LDR Unbiased	5.015	5.016	0.001
2434	30	LDR Biased	5.0219	5.023	0.0011
2435	30	LDR Biased	5.0046	5.0036	-0.001
2436	30	LDR Biased	4.988	4.9886	0.0006
2437	30	LDR Biased	4.9854	4.986	0.0006
2438	30	LDR Biased	5.0093	5.0069	-0.0024
2439	30	LDR Unbiased	5.0241	5.0188	-0.0053
2440	30	LDR Unbiased	4.9877	4.9848	-0.0029
2441	30	LDR Unbiased	4.9958	4.9916	-0.0042
2443	30	LDR Unbiased	5.0141	5.0095	-0.0046
2444	30	LDR Unbiased	5.0159	5.0139	-0.002
3434	50	LDR Biased	5.0219	5.0202	-0.0017
3435	50	LDR Biased	5.0046	5	-0.0046
3436	50	LDR Biased	4.988	4.9826	-0.0054
3437	50	LDR Biased	4.9854	4.9829	-0.0025
3438	50	LDR Biased	5.0093	5.0074	-0.0019
3439	50	LDR Unbiased	5.0241	5.0189	-0.0052
3440	50	LDR Unbiased	4.9877	4.9849	-0.0028
3441	50	LDR Unbiased	4.9958	4.9911	-0.0047
3443	50	LDR Unbiased	5.0141	5.0109	-0.0032
3444	50	LDR Unbiased	5.0159	5.0117	-0.0042
4434	100	LDR Biased	5.0219	5.0193	-0.0026
4435	100	LDR Biased	5.0046	4.994	-0.0106
4436	100	LDR Biased	4.988	4.9793	-0.0087
4437	100	LDR Biased	4.9854	4.9776	-0.0078
4438	100	LDR Biased	5.0093	5.0069	-0.0024
4439	100	LDR Unbiased	5.0241	5.0131	-0.011
4440	100	LDR Unbiased	4.9877	4.9784	-0.0093
4441	100	LDR Unbiased	4.9958	4.9885	-0.0073
4443	100	LDR Unbiased	5.0141	5.0093	-0.0048
4444	100	LDR Unbiased	5.0159	5.0092	-0.0067
4500	150	LDR Biased	5.0121	5.0002	-0.0119
4501	150	LDR Biased	5.0009	4.9914	-0.0095
4502	150	LDR Biased	5.0202	5.0087	-0.0115
4503	150	LDR Biased	4.9886	4.9843	-0.0043
4504	150	LDR Biased	5.0215	5.0341	0.0126
4505	150	LDR Unbiased	5.0001	4.9938	-0.0063
4506	150	LDR Unbiased	5.0235	4.9649	-0.0586
4507	150	LDR Unbiased	4.9956	4.994	-0.0016
4508	150	LDR Unbiased	4.9962	4.9992	0.003
4509	150	LDR Unbiased	5.0149	5.0384	0.0235

TID vs Post - Pre Exposure Delta

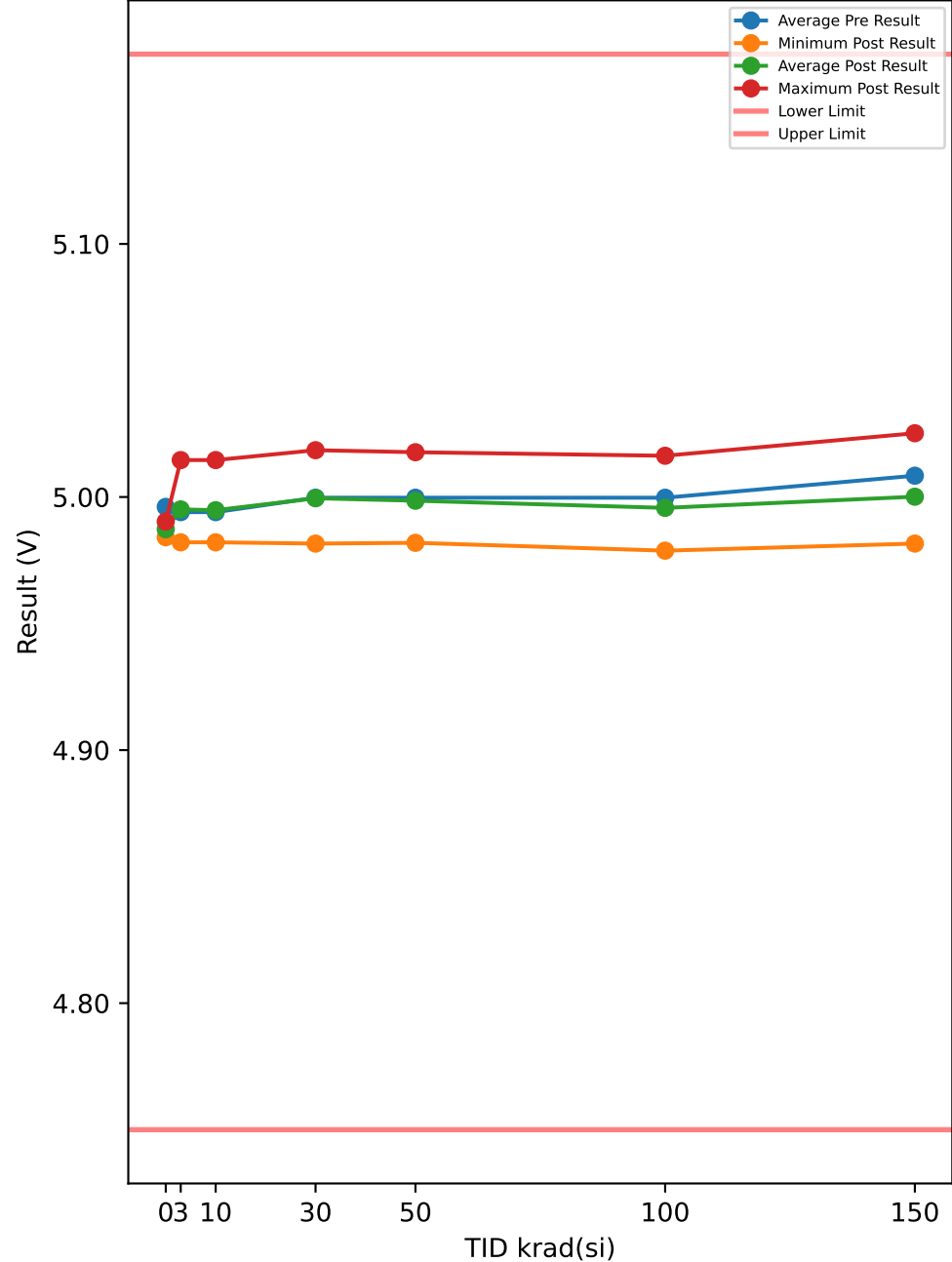


Test Statistics (V)

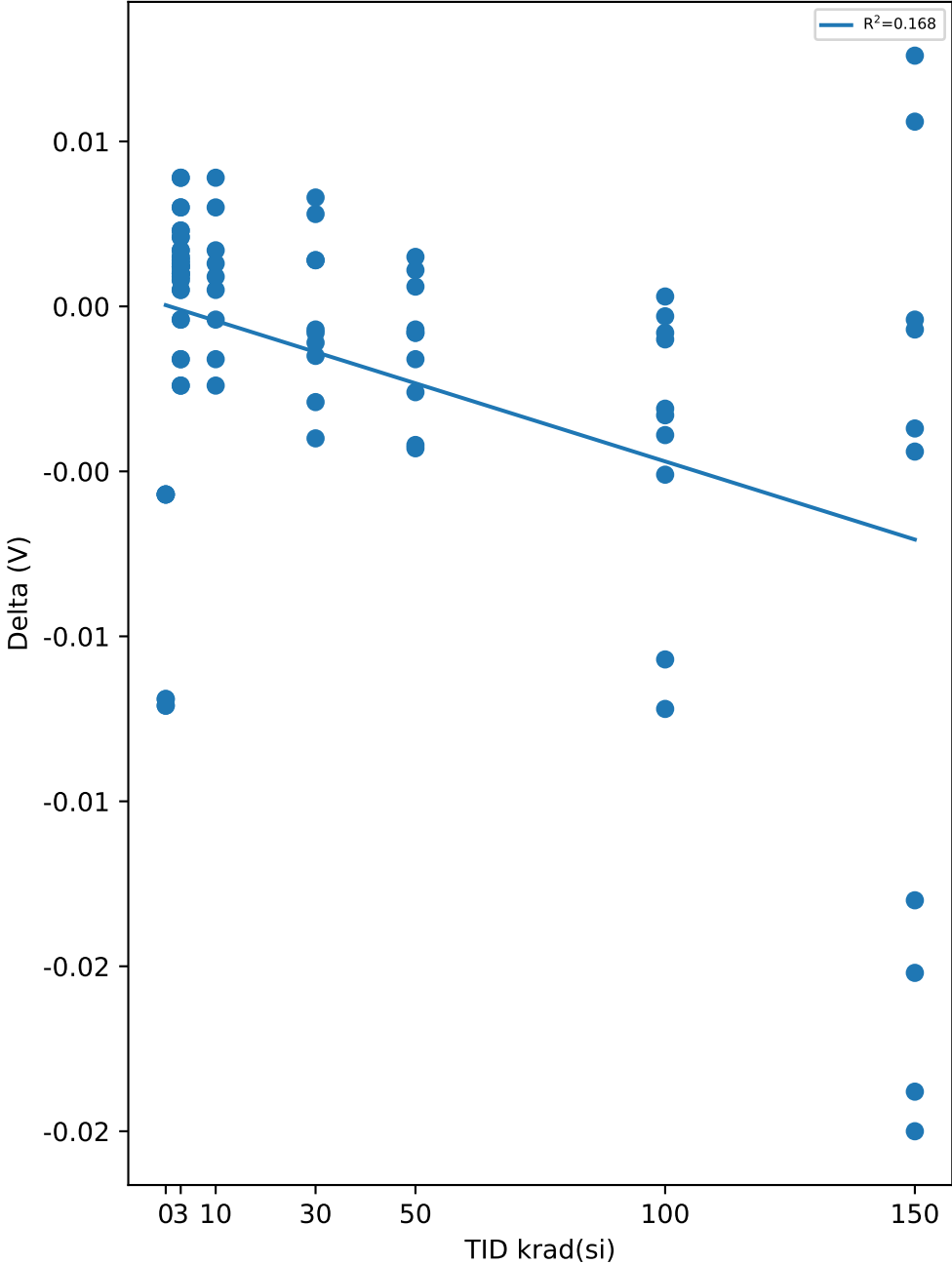
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9958	5.005	5.0141	0.01294	5.0012	5.0067	5.0121	0.0077075	-0.0129	0.0017	0.0163	0.020648
3	4.9944	5.01	5.023	0.0089478	4.9953	5.011	5.0228	0.008574	-0.0002	0.001	0.0027	0.0010828
10	4.9944	5.01	5.023	0.0089478	4.9938	5.0107	5.0231	0.0088147	-0.0013	0.00066667	0.0025	0.0013323
30	4.9854	5.0047	5.0241	0.014632	4.9848	5.0027	5.023	0.014074	-0.0053	-0.00201	0.0011	0.0022995
50	4.9854	5.0047	5.0241	0.014632	4.9826	5.0011	5.0202	0.014783	-0.0054	-0.00362	-0.0017	0.0013693
100	4.9854	5.0047	5.0241	0.014632	4.9776	4.9976	5.0193	0.015876	-0.011	-0.00712	-0.0024	0.00304
150	4.9886	5.0074	5.0235	0.012534	4.9649	5.0009	5.0384	0.021941	-0.0586	-0.00646	0.0235	0.021503

Device Test: 62.17 V_BP5H IIM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

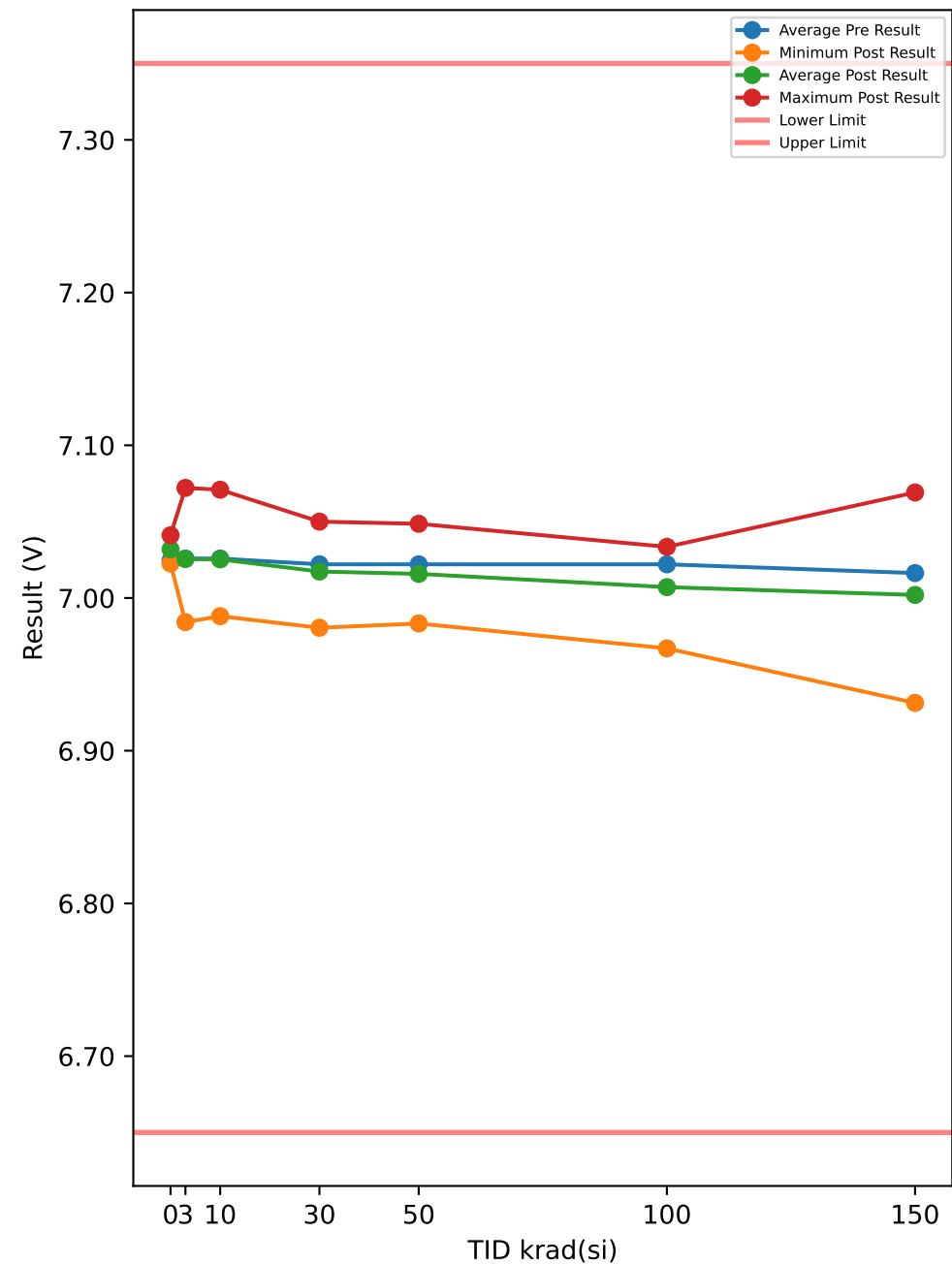
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.996	4.9903	-0.0057
2	0	CORRELATION	4.9962	4.9841	-0.0121
259	3	LDR Biased	5.0116	5.0124	0.0008
426	3	LDR Biased	4.9954	4.9966	0.0012
427	3	LDR Biased	4.9877	4.9887	0.001
428	3	LDR Biased	4.9816	4.9826	0.001
429	3	LDR Unbiased	4.9845	4.9857	0.0012
430	3	LDR Unbiased	5.0045	5.0068	0.0023
431	3	LDR Unbiased	5.0019	5.004	0.0021
432	3	LDR Unbiased	4.9907	4.9922	0.0015
433	3	LDR Unbiased	4.9883	4.9897	0.0014
1259	10	LDR Biased	5.0116	5.0146	0.003
1426	10	LDR Biased	4.9954	4.995	-0.0004
1427	10	LDR Biased	4.9877	4.989	0.0013
1428	10	LDR Biased	4.9816	4.9821	0.0005
1429	10	LDR Unbiased	4.9845	4.9829	-0.0016
1430	10	LDR Unbiased	5.0045	5.0062	0.0017
1431	10	LDR Unbiased	5.0019	4.9995	-0.0024
1432	10	LDR Unbiased	4.9907	4.9946	0.0039
1433	10	LDR Unbiased	4.9883	4.9892	0.0009
2434	30	LDR Biased	4.995	4.9983	0.0033
2435	30	LDR Biased	5.0089	5.0082	-0.0007
2436	30	LDR Biased	4.9852	4.988	0.0028
2437	30	LDR Biased	5.0172	5.0143	-0.0029
2438	30	LDR Biased	4.9827	4.9816	-0.0011
2439	30	LDR Unbiased	4.9903	4.9895	-0.0008
2440	30	LDR Unbiased	5.0086	5.01	0.0014
2441	30	LDR Unbiased	4.996	4.992	-0.004
2443	30	LDR Unbiased	4.9962	4.9947	-0.0015
2444	30	LDR Unbiased	5.0171	5.0185	0.0014
3434	50	LDR Biased	4.995	4.9961	0.0011
3435	50	LDR Biased	5.0089	5.0063	-0.0026
3436	50	LDR Biased	4.9852	4.9867	0.0015
3437	50	LDR Biased	5.0172	5.013	-0.0042
3438	50	LDR Biased	4.9827	4.9819	-0.0008
3439	50	LDR Unbiased	4.9903	4.9895	-0.0008
3440	50	LDR Unbiased	5.0086	5.007	-0.0016
3441	50	LDR Unbiased	4.996	4.9917	-0.0043
3443	50	LDR Unbiased	4.9962	4.9955	-0.0007
3444	50	LDR Unbiased	5.0171	5.0177	0.0006
4434	100	LDR Biased	4.995	4.9953	0.0003
4435	100	LDR Biased	5.0089	5.0058	-0.0031
4436	100	LDR Biased	4.9852	4.9819	-0.0033
4437	100	LDR Biased	5.0172	5.0121	-0.0051
4438	100	LDR Biased	4.9827	4.9788	-0.0039
4439	100	LDR Unbiased	4.9903	4.9796	-0.0107
4440	100	LDR Unbiased	5.0086	4.9964	-0.0122
4441	100	LDR Unbiased	4.996	4.9957	-0.0003
4443	100	LDR Unbiased	4.9962	4.9952	-0.001
4444	100	LDR Unbiased	5.0171	5.0163	-0.0008
4500	150	LDR Biased	4.9996	4.9816	-0.018
4501	150	LDR Biased	4.9981	4.9944	-0.0037
4502	150	LDR Biased	5.0149	5.0105	-0.0044
4503	150	LDR Biased	4.9998	4.9994	-0.0004
4504	150	LDR Biased	5.0116	4.9914	-0.0202
4505	150	LDR Unbiased	5.0207	4.9969	-0.0238
4506	150	LDR Unbiased	5.0133	4.9883	-0.025
4507	150	LDR Unbiased	5.0193	5.0186	-0.0007
4508	150	LDR Unbiased	5.0176	5.0252	0.0076
4509	150	LDR Unbiased	4.9893	4.9949	0.0056

Test Statistics (V)

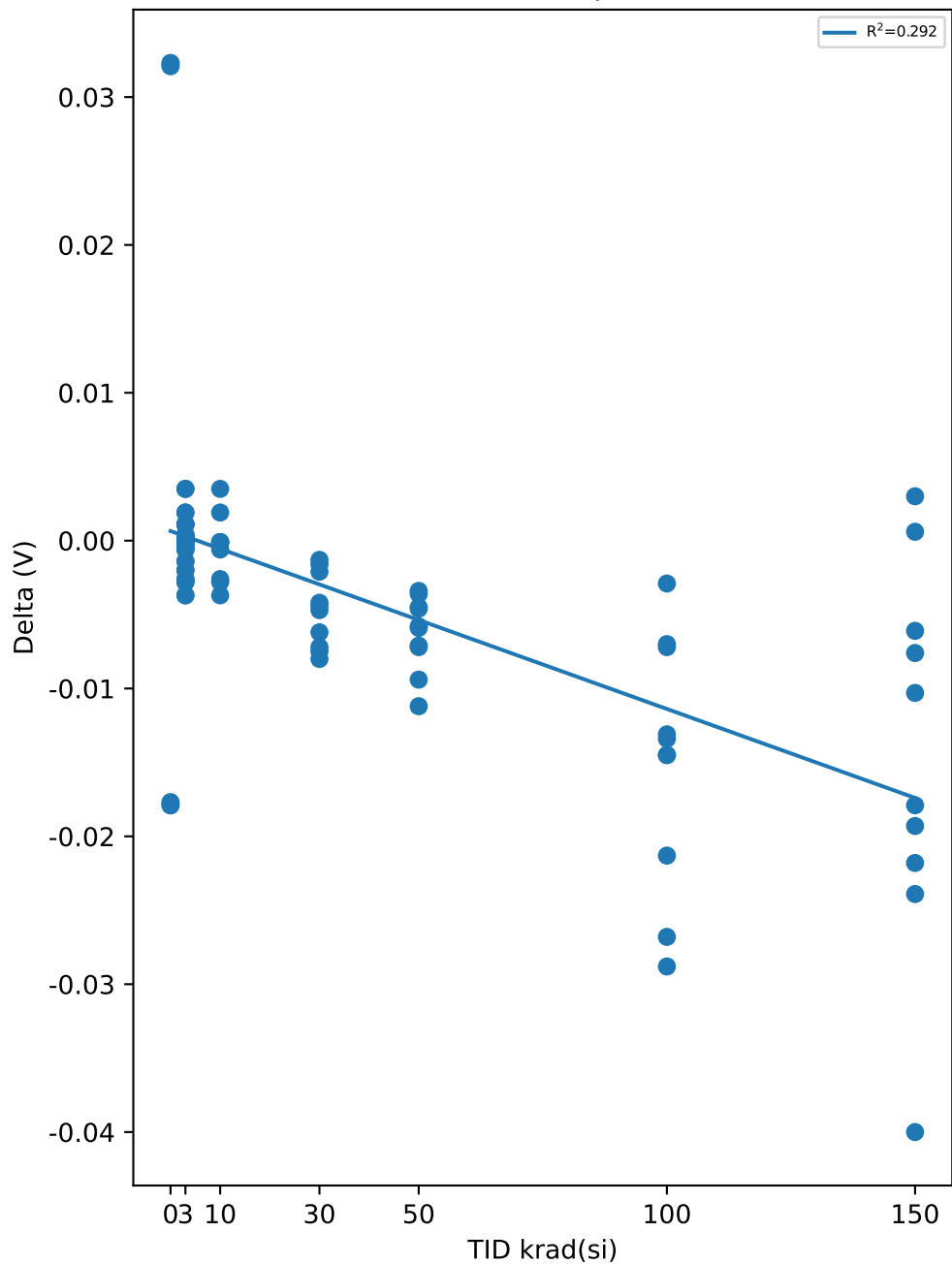
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.996	4.9961	4.9962	0.00014142	4.9841	4.9872	4.9903	0.0043841	-0.0121	-0.0089	-0.0057	0.0045255
3	4.9816	4.994	5.0116	0.010071	4.9826	4.9954	5.0124	0.010246	0.0008	0.0013889	0.0023	0.00050854
10	4.9816	4.994	5.0116	0.010071	4.9821	4.9948	5.0146	0.010677	-0.0024	0.00076667	0.0039	0.0020322
30	4.9827	4.9997	5.0172	0.01251	4.9816	4.9995	5.0185	0.012469	-0.004	-0.00021	0.0033	0.0023853
50	4.9827	4.9997	5.0172	0.01251	4.9819	4.9985	5.0177	0.011873	-0.0043	-0.00118	0.0015	0.0020308
100	4.9827	4.9997	5.0172	0.01251	4.9788	4.9957	5.0163	0.013045	-0.0122	-0.00401	0.0003	0.0042956
150	4.9893	5.0084	5.0207	0.010819	4.9816	5.0001	5.0252	0.013775	-0.025	-0.0083	0.0076	0.012281

Device Test: 62.18 V_BP7L IIM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

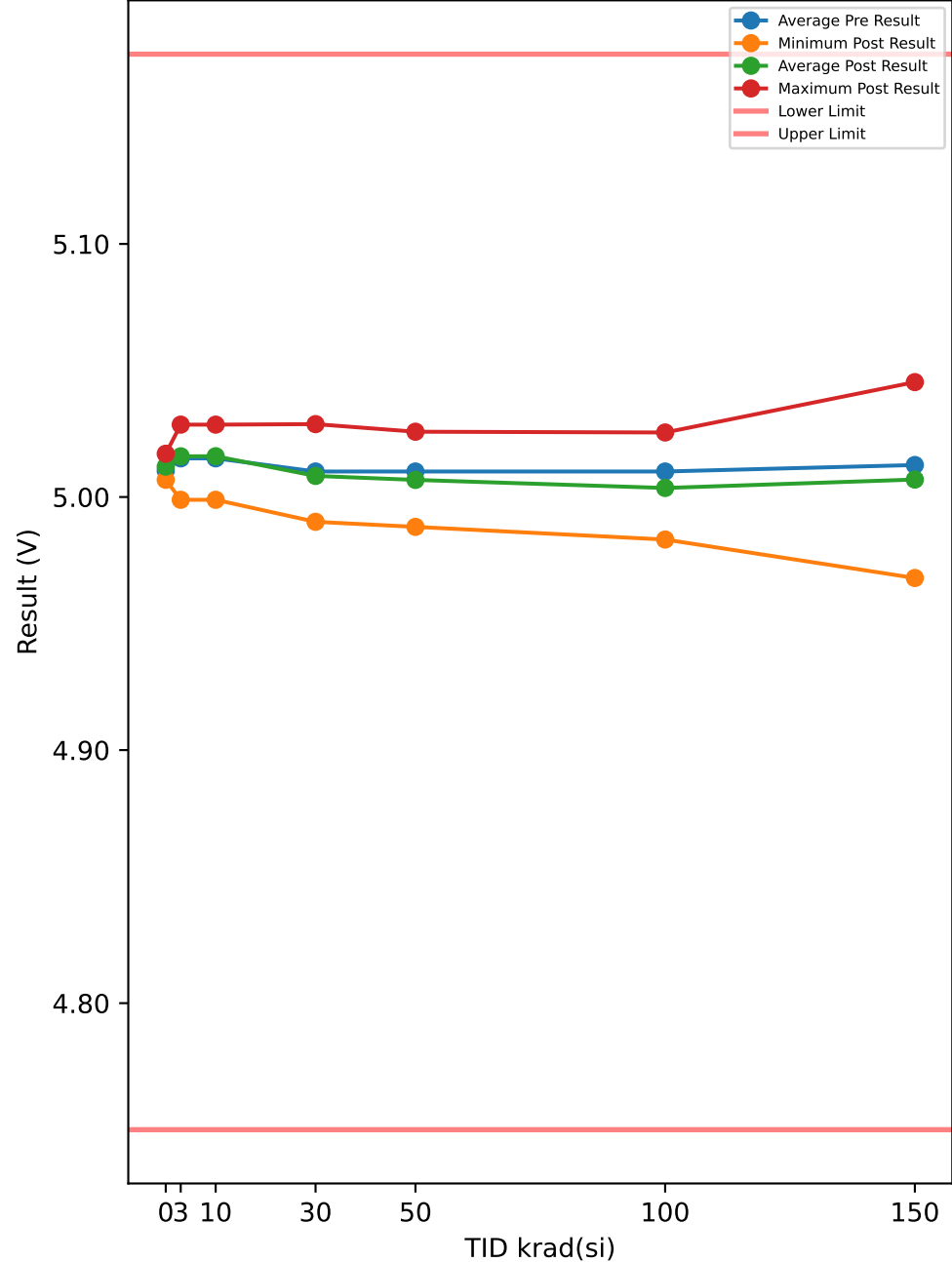
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0405	7.0228	-0.0177
2	0	CORRELATION	7.0088	7.0409	0.0321
259	3	LDR Biased	7.071	7.0721	0.0011
426	3	LDR Biased	7.0099	7.0103	0.0004
427	3	LDR Biased	7.0529	7.0531	0.0002
428	3	LDR Biased	7.0347	7.0343	-0.0004
429	3	LDR Unbiased	7.0289	7.0288	-0.0001
430	3	LDR Unbiased	7.0019	7.0022	0.0003
431	3	LDR Unbiased	6.9862	6.9842	-0.002
432	3	LDR Unbiased	7.032	7.0306	-0.0014
433	3	LDR Unbiased	7.0149	7.016	0.0011
1259	10	LDR Biased	7.071	7.0709	-0.0001
1426	10	LDR Biased	7.0099	7.0098	-0.0001
1427	10	LDR Biased	7.0529	7.0503	-0.0026
1428	10	LDR Biased	7.0347	7.0346	-0.0001
1429	10	LDR Unbiased	7.0289	7.0283	-0.0006
1430	10	LDR Unbiased	7.0019	6.9991	-0.0028
1431	10	LDR Unbiased	6.9862	6.9881	0.0019
1432	10	LDR Unbiased	7.032	7.0283	-0.0037
1433	10	LDR Unbiased	7.0149	7.0184	0.0035
2434	30	LDR Biased	7.0007	6.9991	-0.0016
2435	30	LDR Biased	7.033	7.025	-0.008
2436	30	LDR Biased	7.0544	7.05	-0.0044
2437	30	LDR Biased	7.0412	7.0399	-0.0013
2438	30	LDR Biased	7.0493	7.0418	-0.0075
2439	30	LDR Unbiased	6.9867	6.9805	-0.0062
2440	30	LDR Unbiased	6.9883	6.9862	-0.0021
2441	30	LDR Unbiased	7.0405	7.0333	-0.0072
2443	30	LDR Unbiased	7.0088	7.0046	-0.0042
2444	30	LDR Unbiased	7.0177	7.013	-0.0047
3434	50	LDR Biased	7.0007	6.9935	-0.0072
3435	50	LDR Biased	7.033	7.0236	-0.0094
3436	50	LDR Biased	7.0544	7.0486	-0.0058
3437	50	LDR Biased	7.0412	7.0376	-0.0036
3438	50	LDR Biased	7.0493	7.0381	-0.0112
3439	50	LDR Unbiased	6.9867	6.9833	-0.0034
3440	50	LDR Unbiased	6.9883	6.9838	-0.0045
3441	50	LDR Unbiased	7.0405	7.0346	-0.0059
3443	50	LDR Unbiased	7.0088	7.0042	-0.0046
3444	50	LDR Unbiased	7.0177	7.0106	-0.0071
4434	100	LDR Biased	7.0007	6.9876	-0.0131
4435	100	LDR Biased	7.033	7.0185	-0.0145
4436	100	LDR Biased	7.0544	7.0276	-0.0268
4437	100	LDR Biased	7.0412	7.0267	-0.0145
4438	100	LDR Biased	7.0493	7.0205	-0.0288
4439	100	LDR Unbiased	6.9867	6.9795	-0.0072
4440	100	LDR Unbiased	6.9883	6.967	-0.0213
4441	100	LDR Unbiased	7.0405	7.0335	-0.007
4443	100	LDR Unbiased	7.0088	7.0059	-0.0029
4444	100	LDR Unbiased	7.0177	7.0043	-0.0134
4500	150	LDR Biased	7.0272	7.0033	-0.0239
4501	150	LDR Biased	7.0066	6.999	-0.0076
4502	150	LDR Biased	6.9802	6.9623	-0.0179
4503	150	LDR Biased	7.0392	7.0422	0.003
4504	150	LDR Biased	6.9531	6.9313	-0.0218
4505	150	LDR Unbiased	6.994	6.9946	0.0006
4506	150	LDR Unbiased	7.0235	7.0042	-0.0193
4507	150	LDR Unbiased	7.0794	7.0691	-0.0103
4508	150	LDR Unbiased	7.0141	6.9741	-0.04
4509	150	LDR Unbiased	7.046	7.0399	-0.0061

Test Statistics (V)

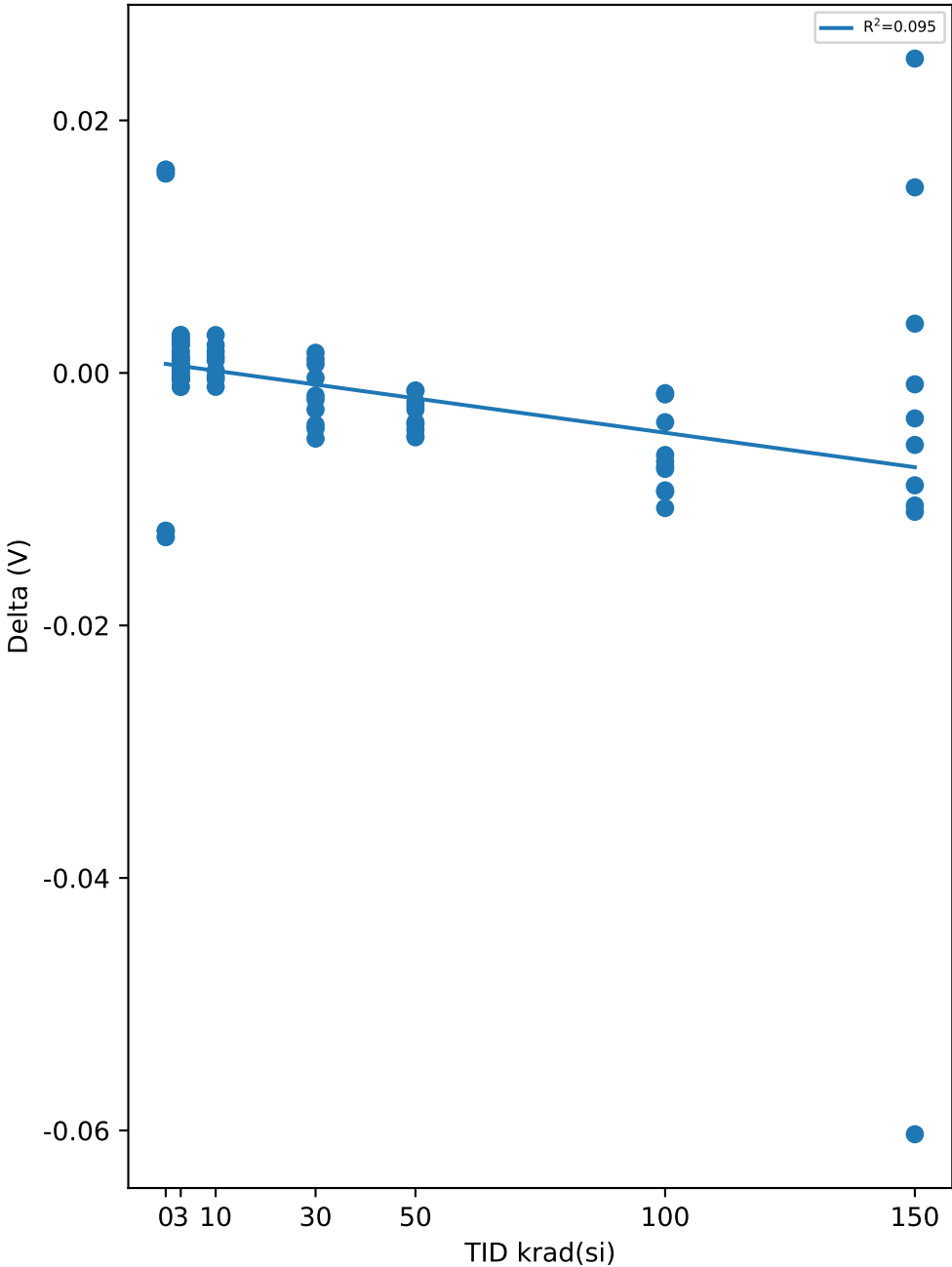
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0088	7.0246	7.0405	0.022415	7.0228	7.0319	7.0409	0.012799	-0.0177	0.0072	0.0321	0.035214
3	6.9862	7.0258	7.071	0.026018	6.9842	7.0257	7.0721	0.026498	-0.002	-8.8889e-05	0.0011	0.001047
10	6.9862	7.0258	7.071	0.026018	6.9881	7.0253	7.0709	0.025414	-0.0037	-0.00051111	0.0035	0.0022964
30	6.9867	7.0221	7.0544	0.025067	6.9805	7.0173	7.05	0.024331	-0.008	-0.00472	-0.0013	0.0024832
50	6.9867	7.0221	7.0544	0.025067	6.9833	7.0158	7.0486	0.024041	-0.0112	-0.00627	-0.0034	0.0025232
100	6.9867	7.0221	7.0544	0.025067	6.967	7.0071	7.0335	0.022534	-0.0288	-0.01495	-0.0029	0.0084805
150	6.9531	7.0163	7.0794	0.035672	6.9313	7.002	7.0691	0.040795	-0.04	-0.01433	0.003	0.012894

Device Test: 62.19 V_BP5L IIM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

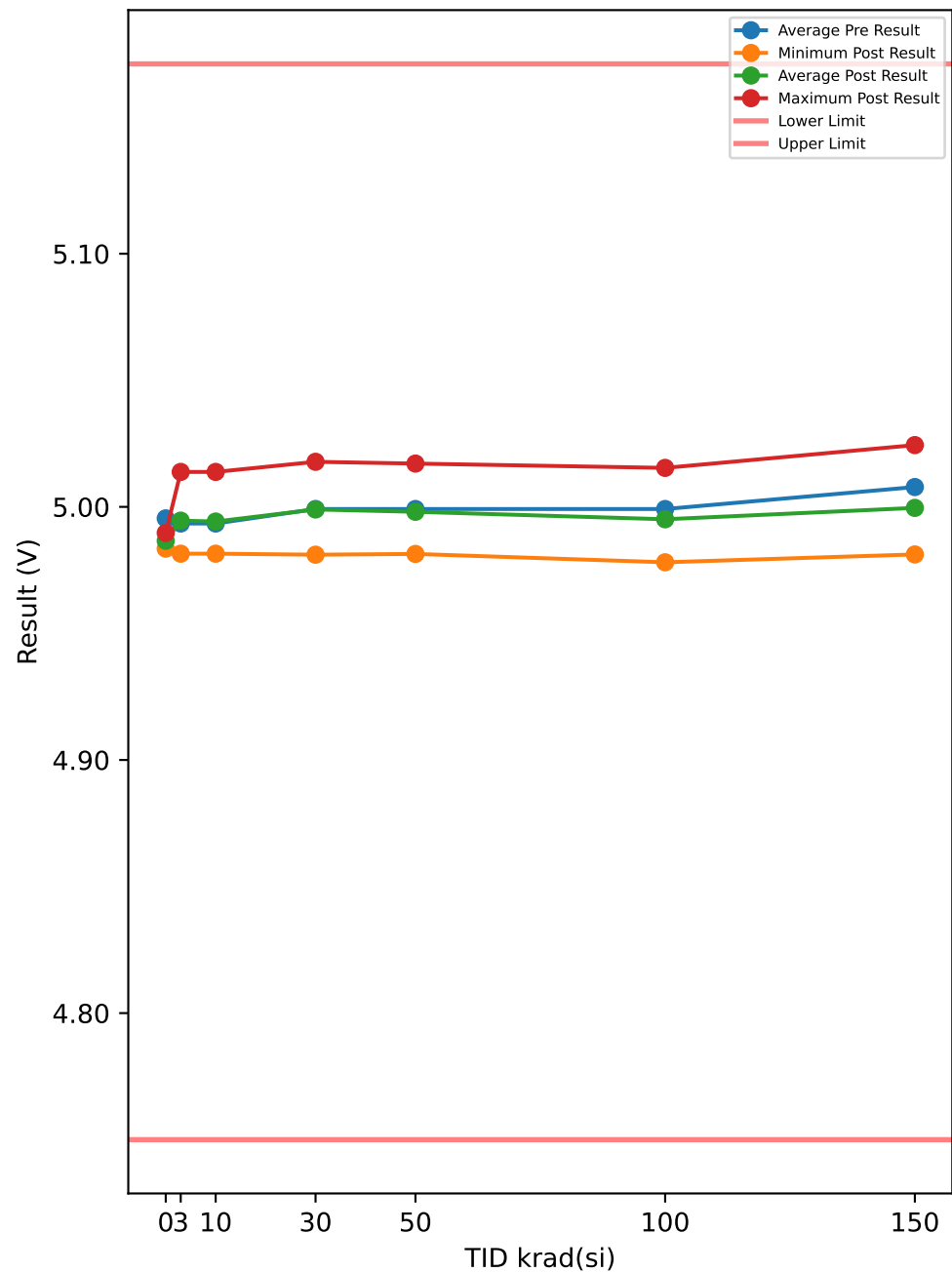
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.001	5.0168	0.0158
2	0	CORRELATION	5.0198	5.0068	-0.013
259	3	LDR Biased	5.0112	5.0136	0.0024
426	3	LDR Biased	5.0203	5.0199	-0.0004
427	3	LDR Biased	5.017	5.0197	0.0027
428	3	LDR Biased	5.0284	5.0279	-0.0005
429	3	LDR Unbiased	5.0068	5.0079	0.0011
430	3	LDR Unbiased	4.9994	4.9999	0.0005
431	3	LDR Unbiased	5.0106	5.0112	0.0006
432	3	LDR Unbiased	5.0236	5.0242	0.0006
433	3	LDR Unbiased	5.0202	5.0201	-0.0001
1259	10	LDR Biased	5.0112	5.0134	0.0022
1426	10	LDR Biased	5.0203	5.0192	-0.0011
1427	10	LDR Biased	5.017	5.02	0.003
1428	10	LDR Biased	5.0284	5.0286	0.0002
1429	10	LDR Unbiased	5.0068	5.0081	0.0013
1430	10	LDR Unbiased	4.9994	4.9989	-0.0005
1431	10	LDR Unbiased	5.0106	5.0123	0.0017
1432	10	LDR Unbiased	5.0236	5.0233	-0.0003
1433	10	LDR Unbiased	5.0202	5.0212	0.001
2434	30	LDR Biased	5.0272	5.0288	0.0016
2435	30	LDR Biased	5.0096	5.0092	-0.0004
2436	30	LDR Biased	4.9932	4.9943	0.0011
2437	30	LDR Biased	4.9906	4.9913	0.0007
2438	30	LDR Biased	5.0149	5.0128	-0.0021
2439	30	LDR Unbiased	5.0301	5.0249	-0.0052
2440	30	LDR Unbiased	4.9931	4.9902	-0.0029
2441	30	LDR Unbiased	5.001	4.9969	-0.0041
2443	30	LDR Unbiased	5.0198	5.0154	-0.0044
2444	30	LDR Unbiased	5.0213	5.0195	-0.0018
3434	50	LDR Biased	5.0272	5.0258	-0.0014
3435	50	LDR Biased	5.0096	5.0057	-0.0039
3436	50	LDR Biased	4.9932	4.9882	-0.005
3437	50	LDR Biased	4.9906	4.9883	-0.0023
3438	50	LDR Biased	5.0149	5.0135	-0.0014
3439	50	LDR Unbiased	5.0301	5.025	-0.0051
3440	50	LDR Unbiased	4.9931	4.9905	-0.0026
3441	50	LDR Unbiased	5.001	4.9965	-0.0045
3443	50	LDR Unbiased	5.0198	5.0169	-0.0029
3444	50	LDR Unbiased	5.0213	5.0172	-0.0041
4434	100	LDR Biased	5.0272	5.0255	-0.0017
4435	100	LDR Biased	5.0096	5.0003	-0.0093
4436	100	LDR Biased	4.9932	4.9856	-0.0076
4437	100	LDR Biased	4.9906	4.9832	-0.0074
4438	100	LDR Biased	5.0149	5.0133	-0.0016
4439	100	LDR Unbiased	5.0301	5.0194	-0.0107
4440	100	LDR Unbiased	4.9931	4.9837	-0.0094
4441	100	LDR Unbiased	5.001	4.994	-0.007
4443	100	LDR Unbiased	5.0198	5.0159	-0.0039
4444	100	LDR Unbiased	5.0213	5.0148	-0.0065
4500	150	LDR Biased	5.0175	5.0065	-0.011
4501	150	LDR Biased	5.0062	4.9973	-0.0089
4502	150	LDR Biased	5.0257	5.0152	-0.0105
4503	150	LDR Biased	4.9936	4.99	-0.0036
4504	150	LDR Biased	5.0269	5.0416	0.0147
4505	150	LDR Unbiased	5.0053	4.9996	-0.0057
4506	150	LDR Unbiased	5.0283	4.968	-0.0603
4507	150	LDR Unbiased	5.001	5.0001	-0.0009
4508	150	LDR Unbiased	5.0014	5.0053	0.0039
4509	150	LDR Unbiased	5.0205	5.0454	0.0249

Test Statistics (V)

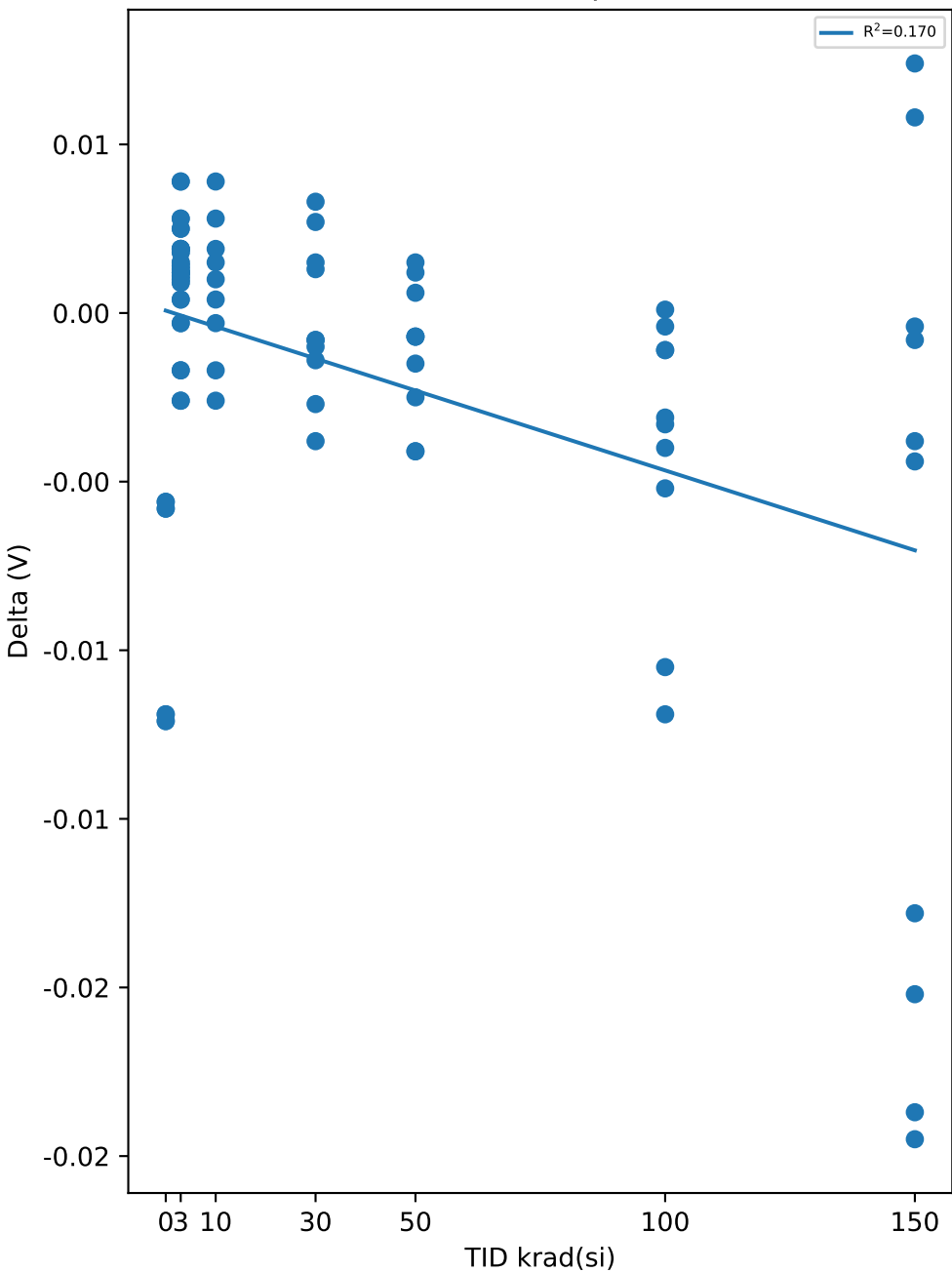
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.001	5.0104	5.0198	0.013294	5.0068	5.0118	5.0168	0.0070711	-0.013	0.0014	0.0158	0.020365
3	4.9994	5.0153	5.0284	0.0090578	4.9999	5.016	5.0279	0.008719	-0.0005	0.00076667	0.0027	0.001138
10	4.9994	5.0153	5.0284	0.0090578	4.9989	5.0161	5.0286	0.0089477	-0.0011	0.00083333	0.003	0.0013583
30	4.9906	5.0101	5.0301	0.014806	4.9902	5.0083	5.0288	0.01428	-0.0052	-0.00175	0.0016	0.0024282
50	4.9906	5.0101	5.0301	0.014806	4.9882	5.0068	5.0258	0.014939	-0.0051	-0.00332	-0.0014	0.0013919
100	4.9906	5.0101	5.0301	0.014806	4.9832	5.0036	5.0255	0.016122	-0.0107	-0.00651	-0.0016	0.0031617
150	4.9936	5.0126	5.0283	0.01258	4.968	5.0069	5.0454	0.02297	-0.0603	-0.00574	0.0249	0.022397

Device Test: 62.2 V_BP5H PWM 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

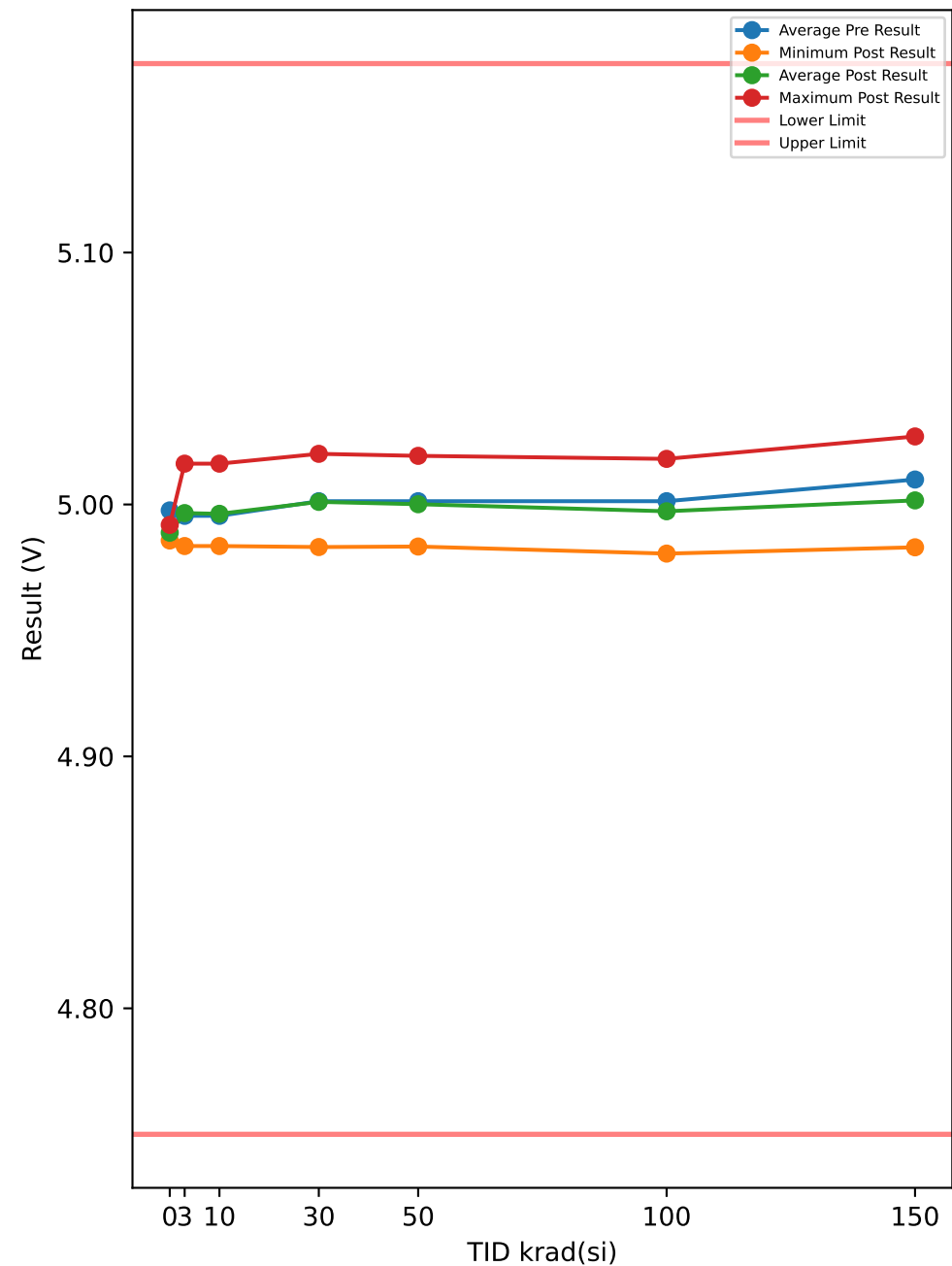
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9953	4.9895	-0.0058
2	0	CORRELATION	4.9956	4.9835	-0.0121
259	3	LDR Biased	5.011	5.0119	0.0009
426	3	LDR Biased	4.9948	4.9961	0.0013
427	3	LDR Biased	4.987	4.9882	0.0012
428	3	LDR Biased	4.9811	4.9822	0.0011
429	3	LDR Unbiased	4.984	4.9852	0.0012
430	3	LDR Unbiased	5.0038	5.0063	0.0025
431	3	LDR Unbiased	5.0015	5.0034	0.0019
432	3	LDR Unbiased	4.9899	4.9917	0.0018
433	3	LDR Unbiased	4.9878	4.9892	0.0014
1259	10	LDR Biased	5.011	5.0138	0.0028
1426	10	LDR Biased	4.9948	4.9945	-0.0003
1427	10	LDR Biased	4.987	4.9885	0.0015
1428	10	LDR Biased	4.9811	4.9815	0.0004
1429	10	LDR Unbiased	4.984	4.9823	-0.0017
1430	10	LDR Unbiased	5.0038	5.0057	0.0019
1431	10	LDR Unbiased	5.0015	4.9989	-0.0026
1432	10	LDR Unbiased	4.9899	4.9938	0.0039
1433	10	LDR Unbiased	4.9878	4.9888	0.001
2434	30	LDR Biased	4.9944	4.9977	0.0033
2435	30	LDR Biased	5.0084	5.0076	-0.0008
2436	30	LDR Biased	4.9846	4.9873	0.0027
2437	30	LDR Biased	5.0166	5.0139	-0.0027
2438	30	LDR Biased	4.9821	4.9811	-0.001
2439	30	LDR Unbiased	4.9898	4.989	-0.0008
2440	30	LDR Unbiased	5.0082	5.0097	0.0015
2441	30	LDR Unbiased	4.9953	4.9915	-0.0038
2443	30	LDR Unbiased	4.9956	4.9942	-0.0014
2444	30	LDR Unbiased	5.0165	5.0178	0.0013
3434	50	LDR Biased	4.9944	4.9956	0.0012
3435	50	LDR Biased	5.0084	5.0059	-0.0025
3436	50	LDR Biased	4.9846	4.9861	0.0015
3437	50	LDR Biased	5.0166	5.0125	-0.0041
3438	50	LDR Biased	4.9821	4.9814	-0.0007
3439	50	LDR Unbiased	4.9898	4.9891	-0.0007
3440	50	LDR Unbiased	5.0082	5.0067	-0.0015
3441	50	LDR Unbiased	4.9953	4.9912	-0.0041
3443	50	LDR Unbiased	4.9956	4.9949	-0.0007
3444	50	LDR Unbiased	5.0165	5.0171	0.0006
4434	100	LDR Biased	4.9944	4.9945	0.0001
4435	100	LDR Biased	5.0084	5.0053	-0.0031
4436	100	LDR Biased	4.9846	4.9813	-0.0033
4437	100	LDR Biased	5.0166	5.0114	-0.0052
4438	100	LDR Biased	4.9821	4.9781	-0.004
4439	100	LDR Unbiased	4.9898	4.9793	-0.0105
4440	100	LDR Unbiased	5.0082	4.9963	-0.0119
4441	100	LDR Unbiased	4.9953	4.9949	-0.0004
4443	100	LDR Unbiased	4.9956	4.9945	-0.0011
4444	100	LDR Unbiased	5.0165	5.0154	-0.0011
4500	150	LDR Biased	4.999	4.9812	-0.0178
4501	150	LDR Biased	4.9976	4.9938	-0.0038
4502	150	LDR Biased	5.0143	5.0099	-0.0044
4503	150	LDR Biased	4.9993	4.9989	-0.0004
4504	150	LDR Biased	5.011	4.9908	-0.0202
4505	150	LDR Unbiased	5.0201	4.9956	-0.0245
4506	150	LDR Unbiased	5.0127	4.989	-0.0237
4507	150	LDR Unbiased	5.0187	5.0179	-0.0008
4508	150	LDR Unbiased	5.017	5.0244	0.0074
4509	150	LDR Unbiased	4.9886	4.9944	0.0058

Test Statistics (V)

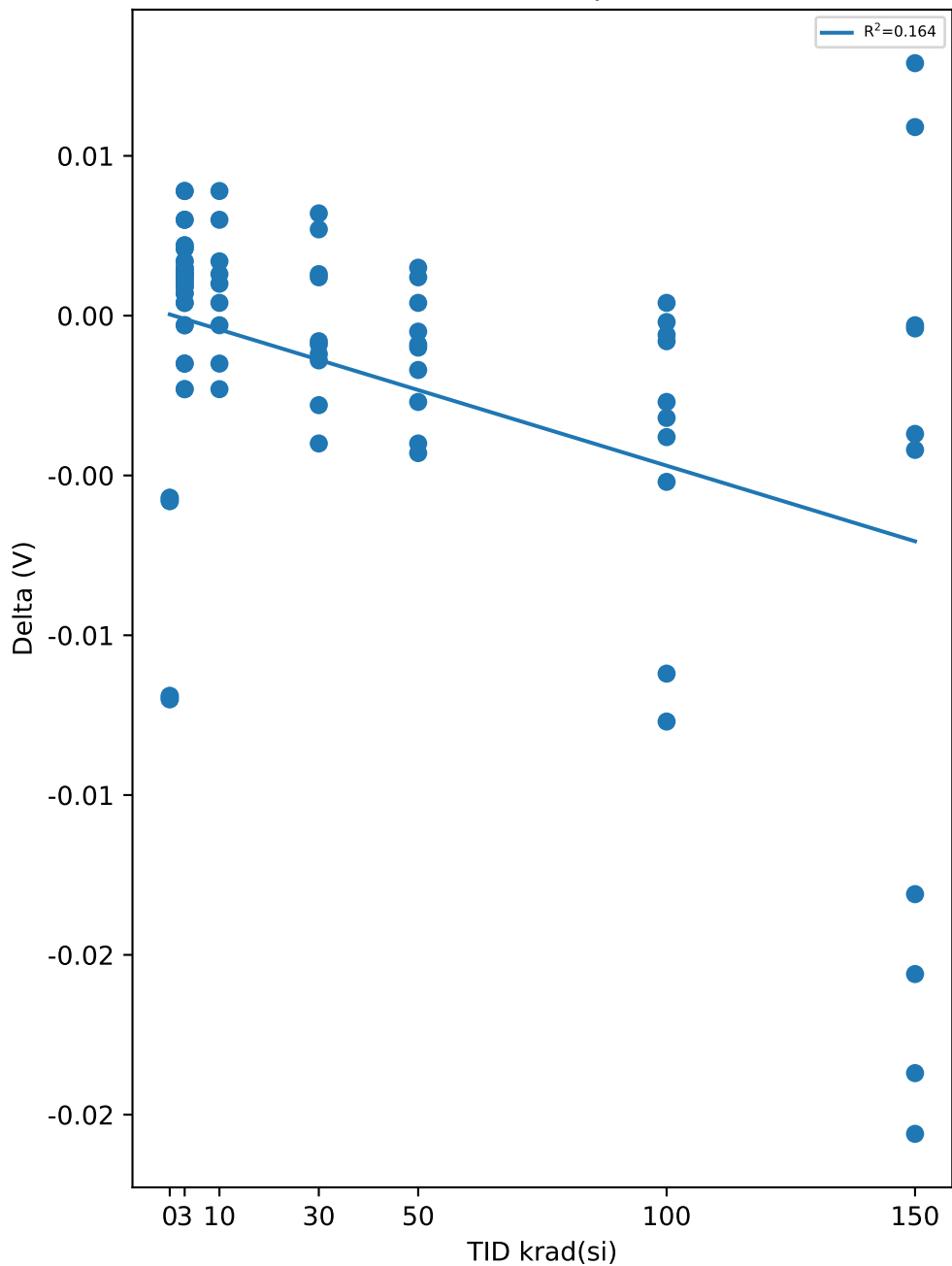
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9953	4.9954	4.9956	0.00021213	4.9835	4.9865	4.9895	0.0042426	-0.0121	-0.00895	-0.0058	0.0044548
3	4.9811	4.9934	5.011	0.01006	4.9822	4.9949	5.0119	0.01022	0.0009	0.0014778	0.0025	0.00049944
10	4.9811	4.9934	5.011	0.01006	4.9815	4.9942	5.0138	0.010626	-0.0026	0.00076667	0.0039	0.0020773
30	4.9821	4.9992	5.0166	0.012529	4.9811	4.999	5.0178	0.012482	-0.0038	-0.00017	0.0033	0.0023046
50	4.9821	4.9992	5.0166	0.012529	4.9814	4.9981	5.0171	0.011884	-0.0041	-0.0011	0.0015	0.0019872
100	4.9821	4.9992	5.0166	0.012529	4.9781	4.9951	5.0154	0.012966	-0.0119	-0.00405	0.0001	0.0041361
150	4.9886	5.0078	5.0201	0.01082	4.9812	4.9996	5.0244	0.013587	-0.0245	-0.00824	0.0074	0.01216

Device Test: 62.20 V_BP5H IIM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

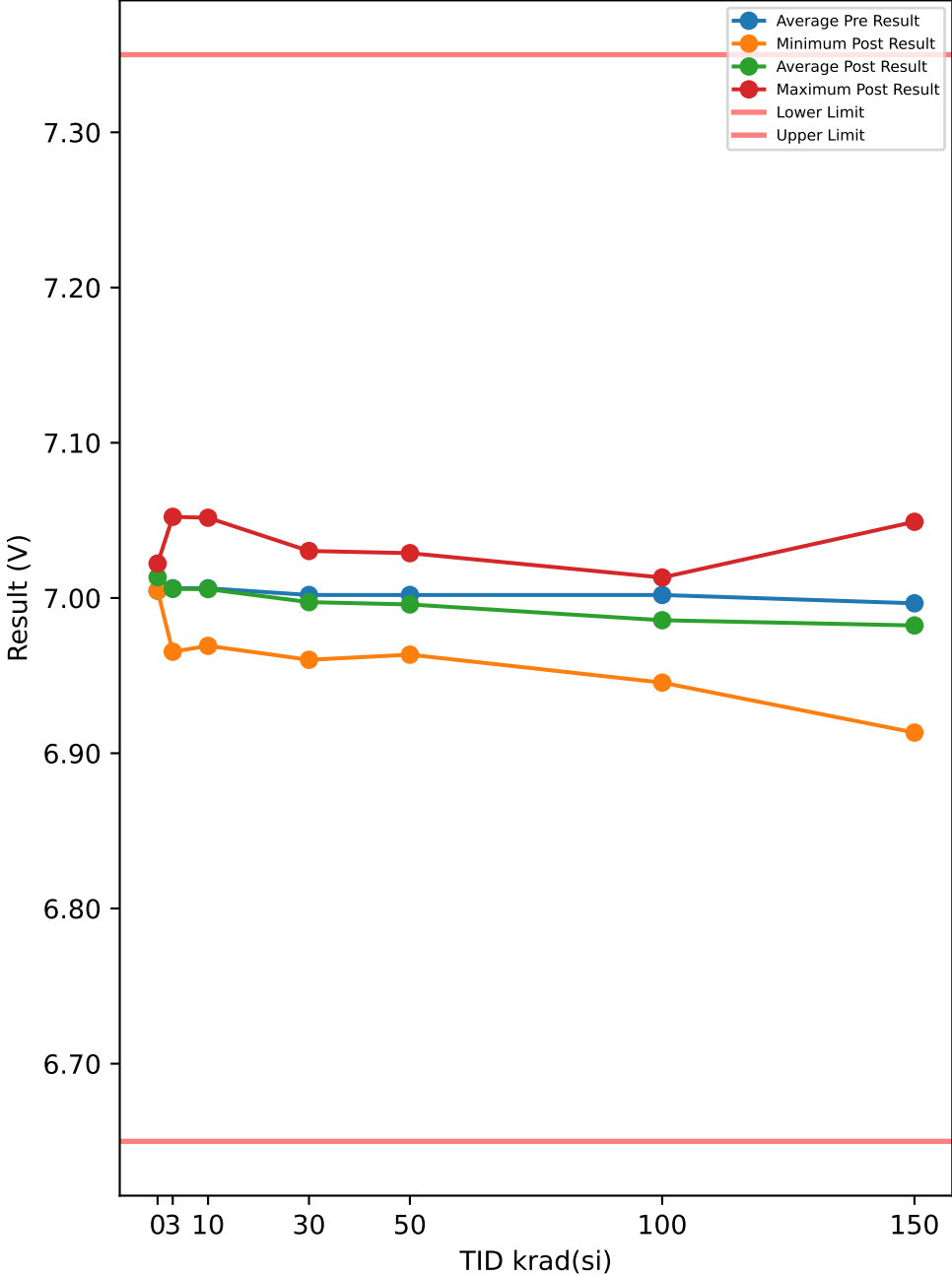
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9976	4.9919	-0.0057
2	0	CORRELATION	4.9977	4.9857	-0.012
259	3	LDR Biased	5.0132	5.0139	0.0007
426	3	LDR Biased	4.9969	4.9982	0.0013
427	3	LDR Biased	4.9891	4.9902	0.0011
428	3	LDR Biased	4.9831	4.984	0.0009
429	3	LDR Unbiased	4.9859	4.9871	0.0012
430	3	LDR Unbiased	5.0059	5.0081	0.0022
431	3	LDR Unbiased	5.0034	5.0055	0.0021
432	3	LDR Unbiased	4.9922	4.9937	0.0015
433	3	LDR Unbiased	4.9897	4.9911	0.0014
1259	10	LDR Biased	5.0132	5.0162	0.003
1426	10	LDR Biased	4.9969	4.9966	-0.0003
1427	10	LDR Biased	4.9891	4.9904	0.0013
1428	10	LDR Biased	4.9831	4.9835	0.0004
1429	10	LDR Unbiased	4.9859	4.9844	-0.0015
1430	10	LDR Unbiased	5.0059	5.0076	0.0017
1431	10	LDR Unbiased	5.0034	5.0011	-0.0023
1432	10	LDR Unbiased	4.9922	4.9961	0.0039
1433	10	LDR Unbiased	4.9897	4.9907	0.001
2434	30	LDR Biased	4.9966	4.9998	0.0032
2435	30	LDR Biased	5.0104	5.0096	-0.0008
2436	30	LDR Biased	4.9868	4.9895	0.0027
2437	30	LDR Biased	5.0186	5.0158	-0.0028
2438	30	LDR Biased	4.9843	4.9831	-0.0012
2439	30	LDR Unbiased	4.9919	4.991	-0.0009
2440	30	LDR Unbiased	5.0102	5.0115	0.0013
2441	30	LDR Unbiased	4.9976	4.9936	-0.004
2443	30	LDR Unbiased	4.9977	4.9963	-0.0014
2444	30	LDR Unbiased	5.0189	5.0201	0.0012
3434	50	LDR Biased	4.9966	4.9978	0.0012
3435	50	LDR Biased	5.0104	5.0077	-0.0027
3436	50	LDR Biased	4.9868	4.9883	0.0015
3437	50	LDR Biased	5.0186	5.0146	-0.004
3438	50	LDR Biased	4.9843	4.9833	-0.001
3439	50	LDR Unbiased	4.9919	4.991	-0.0009
3440	50	LDR Unbiased	5.0102	5.0085	-0.0017
3441	50	LDR Unbiased	4.9976	4.9933	-0.0043
3443	50	LDR Unbiased	4.9977	4.9972	-0.0005
3444	50	LDR Unbiased	5.0189	5.0193	0.0004
4434	100	LDR Biased	4.9966	4.997	0.0004
4435	100	LDR Biased	5.0104	5.0077	-0.0027
4436	100	LDR Biased	4.9868	4.9836	-0.0032
4437	100	LDR Biased	5.0186	5.0134	-0.0052
4438	100	LDR Biased	4.9843	4.9805	-0.0038
4439	100	LDR Unbiased	4.9919	4.9807	-0.0112
4440	100	LDR Unbiased	5.0102	4.9975	-0.0127
4441	100	LDR Unbiased	4.9976	4.9974	-0.0002
4443	100	LDR Unbiased	4.9977	4.9971	-0.0006
4444	100	LDR Unbiased	5.0189	5.0181	-0.0008
4500	150	LDR Biased	5.0011	4.983	-0.0181
4501	150	LDR Biased	4.9996	4.9959	-0.0037
4502	150	LDR Biased	5.0166	5.0124	-0.0042
4503	150	LDR Biased	5.0012	5.0009	-0.0003
4504	150	LDR Biased	5.0131	4.9925	-0.0206
4505	150	LDR Unbiased	5.022	4.9983	-0.0237
4506	150	LDR Unbiased	5.0148	4.9892	-0.0256
4507	150	LDR Unbiased	5.0208	5.0204	-0.0004
4508	150	LDR Unbiased	5.0191	5.027	0.0079
4509	150	LDR Unbiased	4.9907	4.9966	0.0059

Test Statistics (V)

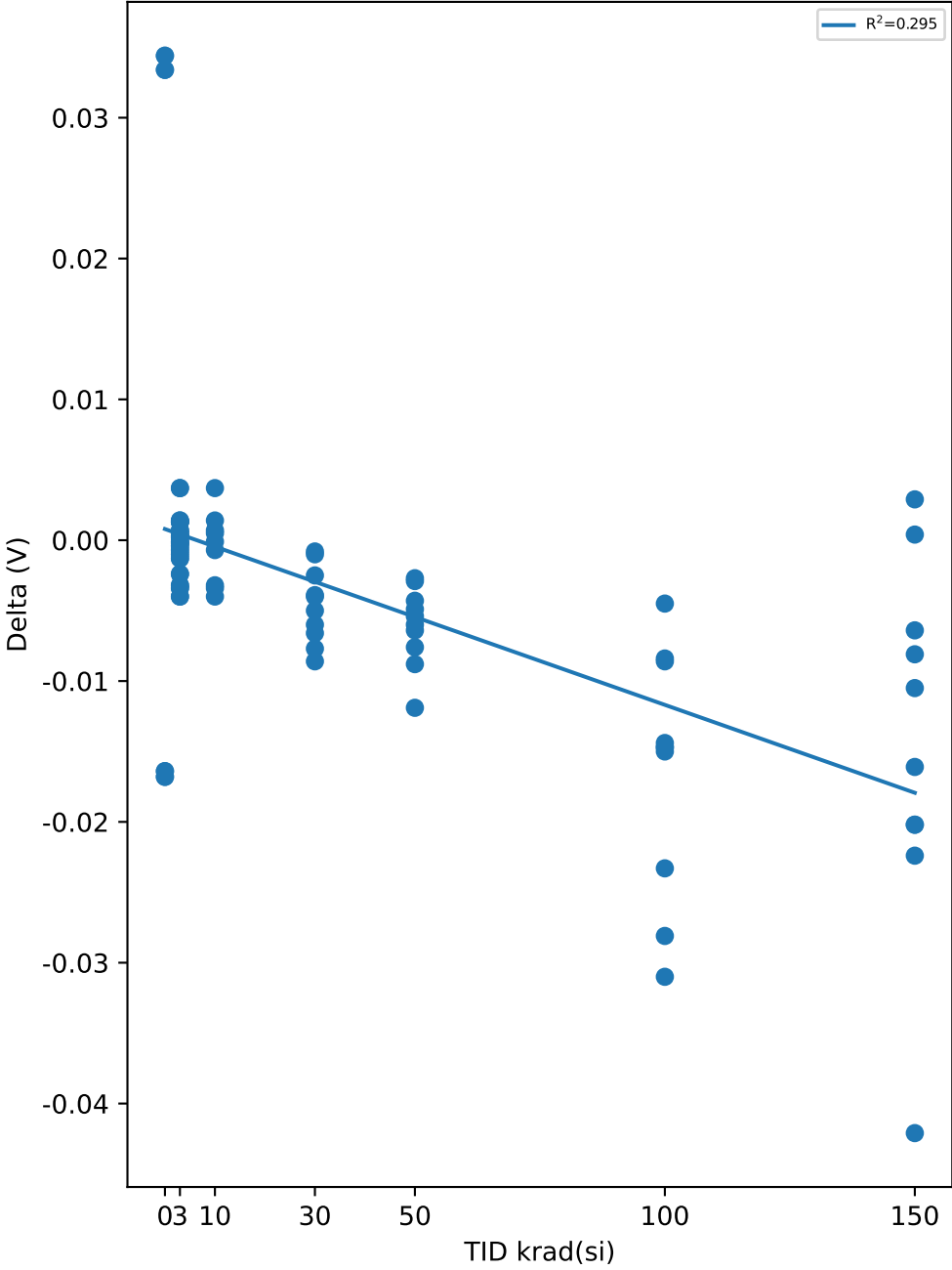
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9976	4.9977	4.9977	7.0711e-05	4.9857	4.9888	4.9919	0.0043841	-0.012	-0.00885	-0.0057	0.0044548
3	4.9831	4.9955	5.0132	0.010107	4.984	4.9969	5.0139	0.010255	0.0007	0.0013778	0.0022	0.00050194
10	4.9831	4.9955	5.0132	0.010107	4.9835	4.9963	5.0162	0.010715	-0.0023	0.0008	0.0039	0.0019944
30	4.9843	5.0013	5.0189	0.012505	4.9831	5.001	5.0201	0.012468	-0.004	-0.00027	0.0032	0.0023243
50	4.9843	5.0013	5.0189	0.012505	4.9833	5.0001	5.0193	0.011886	-0.0043	-0.0012	0.0015	0.002005
100	4.9843	5.0013	5.0189	0.012505	4.9805	4.9973	5.0181	0.013105	-0.0127	-0.004	0.0004	0.0045575
150	4.9907	5.0099	5.022	0.010836	4.983	5.0016	5.027	0.01401	-0.0256	-0.00828	0.0079	0.012527

Device Test: 62.21 V_BP7L IIM 5MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

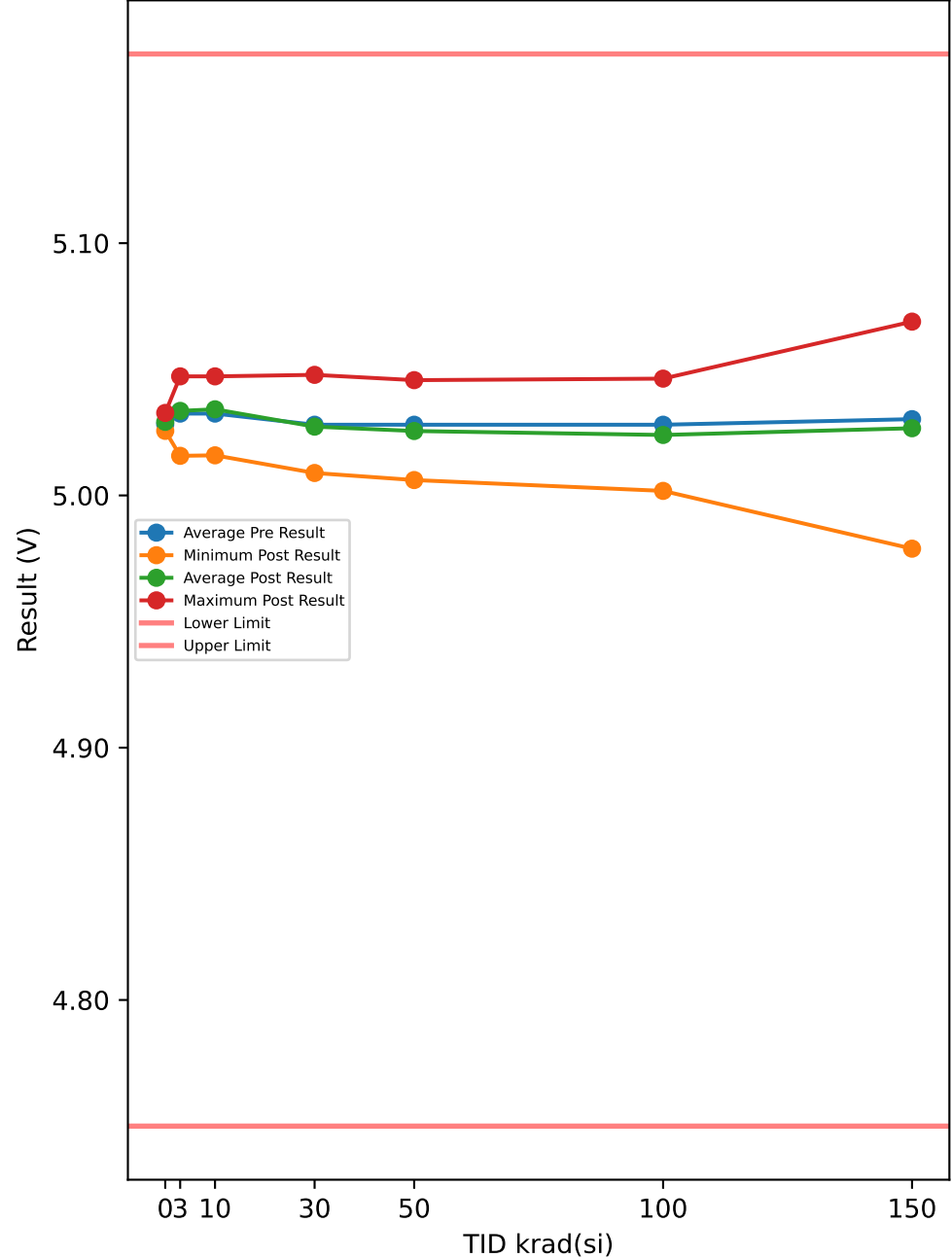
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0216	7.0048	-0.0168
2	0	CORRELATION	6.9878	7.0212	0.0334
259	3	LDR Biased	7.051	7.0523	0.0013
426	3	LDR Biased	6.9902	6.9904	0.0002
427	3	LDR Biased	7.0336	7.0326	-0.001
428	3	LDR Biased	7.0145	7.0143	-0.0002
429	3	LDR Unbiased	7.0084	7.008	-0.0004
430	3	LDR Unbiased	6.9833	6.9836	0.0003
431	3	LDR Unbiased	6.9678	6.9654	-0.0024
432	3	LDR Unbiased	7.0127	7.0114	-0.0013
433	3	LDR Unbiased	6.995	6.9963	0.0013
1259	10	LDR Biased	7.051	7.0517	0.0007
1426	10	LDR Biased	6.9902	6.9907	0.0005
1427	10	LDR Biased	7.0336	7.0302	-0.0034
1428	10	LDR Biased	7.0145	7.0144	-0.0001
1429	10	LDR Unbiased	7.0084	7.0077	-0.0007
1430	10	LDR Unbiased	6.9833	6.9801	-0.0032
1431	10	LDR Unbiased	6.9678	6.9692	0.0014
1432	10	LDR Unbiased	7.0127	7.0087	-0.004
1433	10	LDR Unbiased	6.995	6.9987	0.0037
2434	30	LDR Biased	6.9808	6.9798	-0.001
2435	30	LDR Biased	7.0122	7.0045	-0.0077
2436	30	LDR Biased	7.0343	7.0303	-0.004
2437	30	LDR Biased	7.0204	7.0196	-0.0008
2438	30	LDR Biased	7.0289	7.0203	-0.0086
2439	30	LDR Unbiased	6.9662	6.9602	-0.006
2440	30	LDR Unbiased	6.9688	6.9663	-0.0025
2441	30	LDR Unbiased	7.0216	7.015	-0.0066
2443	30	LDR Unbiased	6.9878	6.9839	-0.0039
2444	30	LDR Unbiased	6.9985	6.9935	-0.005
3434	50	LDR Biased	6.9808	6.9744	-0.0064
3435	50	LDR Biased	7.0122	7.0034	-0.0088
3436	50	LDR Biased	7.0343	7.0289	-0.0054
3437	50	LDR Biased	7.0204	7.0175	-0.0029
3438	50	LDR Biased	7.0289	7.017	-0.0119
3439	50	LDR Unbiased	6.9662	6.9635	-0.0027
3440	50	LDR Unbiased	6.9688	6.9639	-0.0049
3441	50	LDR Unbiased	7.0216	7.0156	-0.006
3443	50	LDR Unbiased	6.9878	6.9835	-0.0043
3444	50	LDR Unbiased	6.9985	6.9909	-0.0076
4434	100	LDR Biased	6.9808	6.9661	-0.0147
4435	100	LDR Biased	7.0122	6.9972	-0.015
4436	100	LDR Biased	7.0343	7.0062	-0.0281
4437	100	LDR Biased	7.0204	7.006	-0.0144
4438	100	LDR Biased	7.0289	6.9979	-0.031
4439	100	LDR Unbiased	6.9662	6.9576	-0.0086
4440	100	LDR Unbiased	6.9688	6.9455	-0.0233
4441	100	LDR Unbiased	7.0216	7.0132	-0.0084
4443	100	LDR Unbiased	6.9878	6.9833	-0.0045
4444	100	LDR Unbiased	6.9985	6.9838	-0.0147
4500	150	LDR Biased	7.007	6.9846	-0.0224
4501	150	LDR Biased	6.9871	6.979	-0.0081
4502	150	LDR Biased	6.9603	6.9442	-0.0161
4503	150	LDR Biased	7.019	7.0219	0.0029
4504	150	LDR Biased	6.9335	6.9133	-0.0202
4505	150	LDR Unbiased	6.9742	6.9746	0.0004
4506	150	LDR Unbiased	7.0041	6.9839	-0.0202
4507	150	LDR Unbiased	7.0596	7.0491	-0.0105
4508	150	LDR Unbiased	6.9948	6.9527	-0.0421
4509	150	LDR Unbiased	7.0263	7.0199	-0.0064

Test Statistics (V)

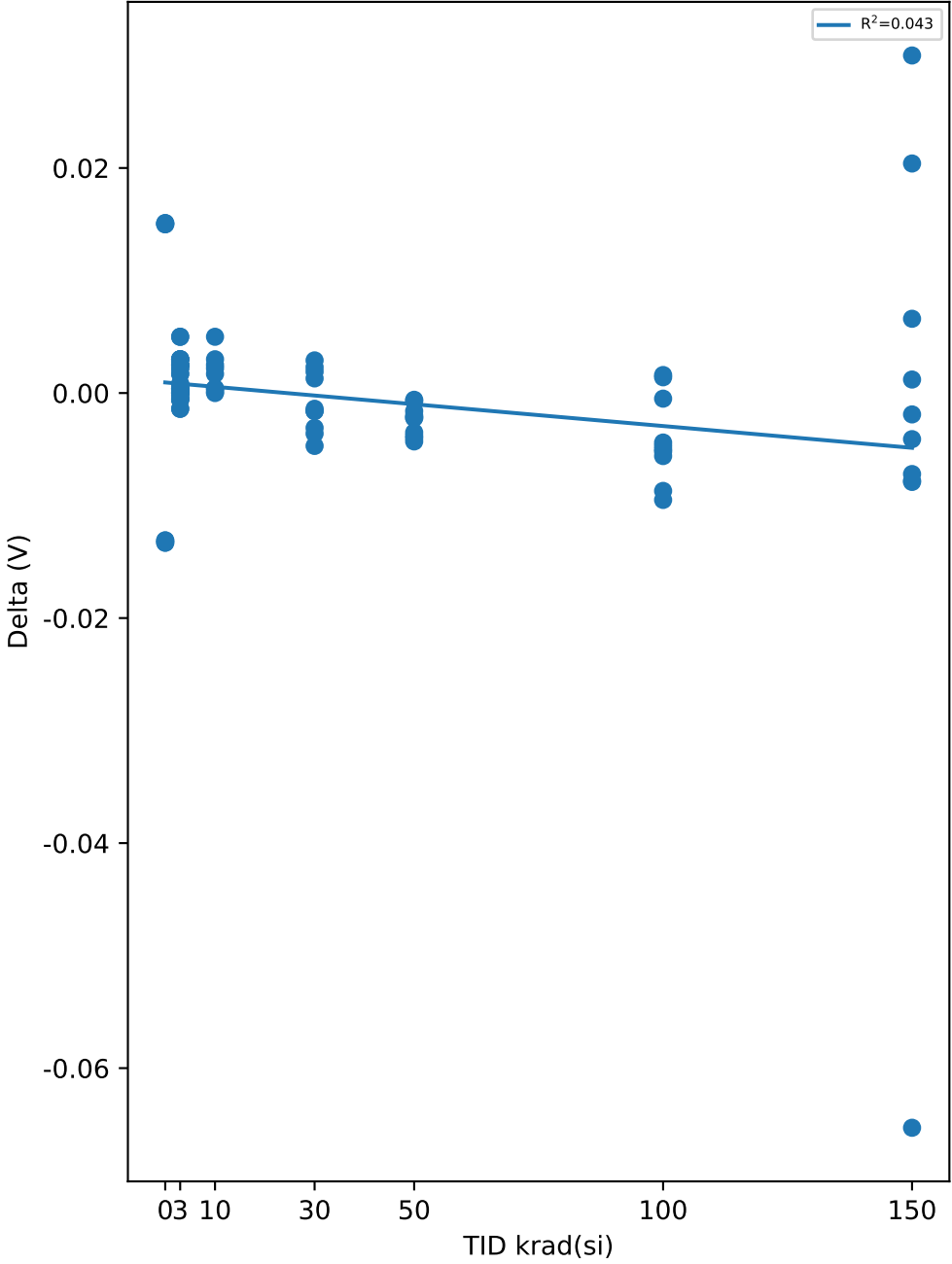
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9878	7.0047	7.0216	0.0239	7.0048	7.013	7.0212	0.011597	-0.0168	0.0083	0.0334	0.035497
3	6.9678	7.0063	7.051	0.025627	6.9654	7.006	7.0523	0.026079	-0.0024	-0.00024444	0.0013	0.0012053
10	6.9678	7.0063	7.051	0.025627	6.9692	7.0057	7.0517	0.025166	-0.004	-0.00056667	0.0037	0.0025446
30	6.9662	7.0019	7.0343	0.025035	6.9602	6.9973	7.0303	0.024308	-0.0086	-0.00461	-0.0008	0.0026748
50	6.9662	7.0019	7.0343	0.025035	6.9635	6.9959	7.0289	0.023944	-0.0119	-0.00609	-0.0027	0.0027938
100	6.9662	7.0019	7.0343	0.025035	6.9455	6.9857	7.0132	0.022776	-0.031	-0.01627	-0.0045	0.0086646
150	6.9335	6.9966	7.0596	0.035609	6.9133	6.9823	7.0491	0.040292	-0.0421	-0.01427	0.0029	0.013075

Device Test: 62.22 V_BP5L IIM 5MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

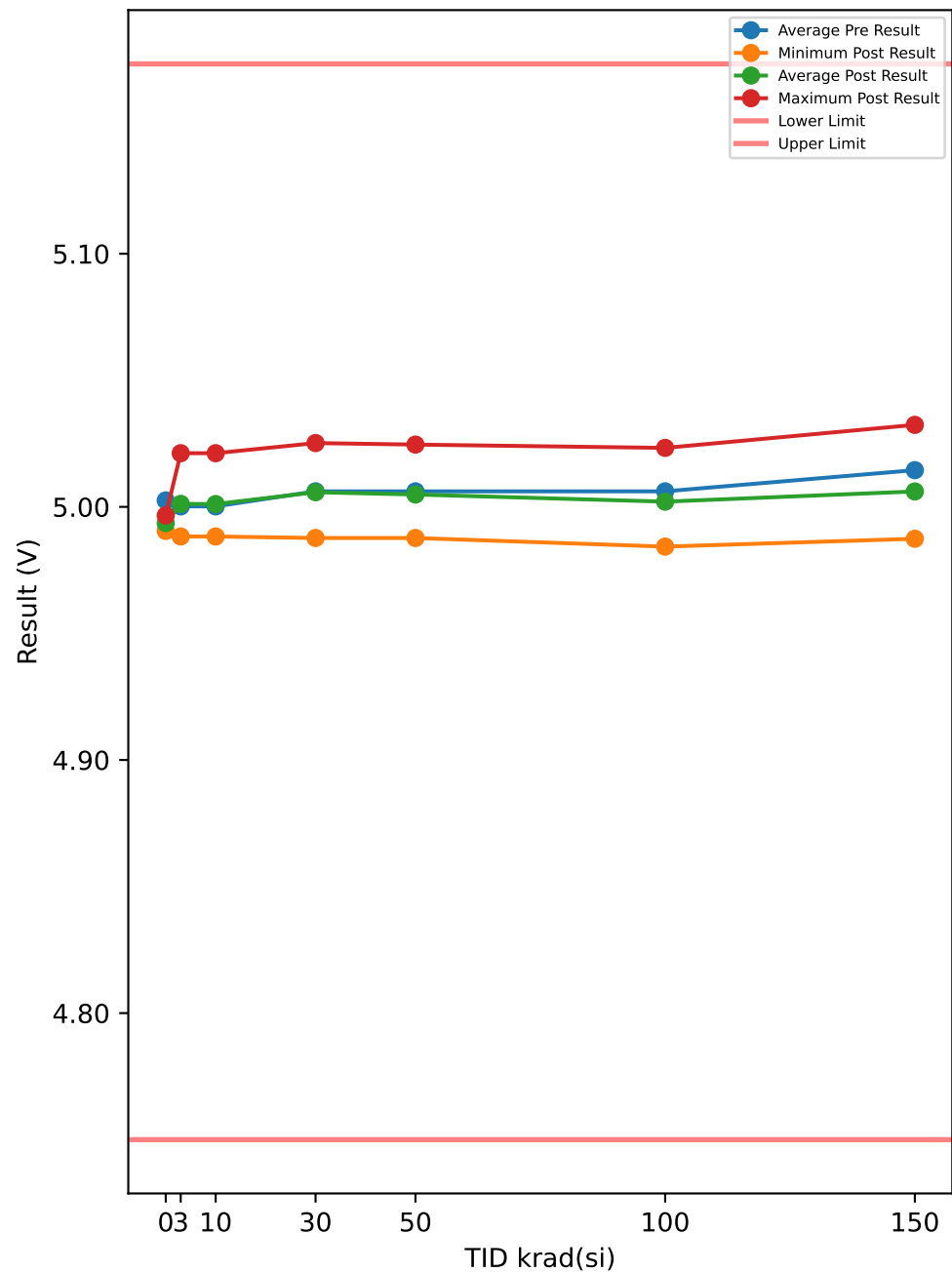
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0176	5.0327	0.0151
2	0	CORRELATION	5.0389	5.0258	-0.0131
259	3	LDR Biased	5.0277	5.0302	0.0025
426	3	LDR Biased	5.0386	5.0381	-0.0005
427	3	LDR Biased	5.0334	5.0364	0.003
428	3	LDR Biased	5.0468	5.0454	-0.0014
429	3	LDR Unbiased	5.0239	5.0247	0.0008
430	3	LDR Unbiased	5.0159	5.0157	-0.0002
431	3	LDR Unbiased	5.0273	5.0276	0.0003
432	3	LDR Unbiased	5.0413	5.0413	0
433	3	LDR Unbiased	5.0371	5.0365	-0.0006
1259	10	LDR Biased	5.0277	5.0307	0.003
1426	10	LDR Biased	5.0386	5.0387	0.0001
1427	10	LDR Biased	5.0334	5.0384	0.005
1428	10	LDR Biased	5.0468	5.0472	0.0004
1429	10	LDR Unbiased	5.0239	5.0261	0.0022
1430	10	LDR Unbiased	5.0159	5.0159	0
1431	10	LDR Unbiased	5.0273	5.0298	0.0025
1432	10	LDR Unbiased	5.0413	5.0417	0.0004
1433	10	LDR Unbiased	5.0371	5.0388	0.0017
2434	30	LDR Biased	5.0449	5.0478	0.0029
2435	30	LDR Biased	5.0267	5.028	0.0013
2436	30	LDR Biased	5.0112	5.0135	0.0023
2437	30	LDR Biased	5.0077	5.0096	0.0019
2438	30	LDR Biased	5.0334	5.032	-0.0014
2439	30	LDR Unbiased	5.05	5.0453	-0.0047
2440	30	LDR Unbiased	5.0105	5.0089	-0.0016
2441	30	LDR Unbiased	5.0176	5.0145	-0.0031
2443	30	LDR Unbiased	5.0389	5.0353	-0.0036
2444	30	LDR Unbiased	5.0394	5.0378	-0.0016
3434	50	LDR Biased	5.0449	5.0442	-0.0007
3435	50	LDR Biased	5.0267	5.0245	-0.0022
3436	50	LDR Biased	5.0112	5.0072	-0.004
3437	50	LDR Biased	5.0077	5.0061	-0.0016
3438	50	LDR Biased	5.0334	5.0328	-0.0006
3439	50	LDR Unbiased	5.05	5.0457	-0.0043
3440	50	LDR Unbiased	5.0105	5.0083	-0.0022
3441	50	LDR Unbiased	5.0176	5.0141	-0.0035
3443	50	LDR Unbiased	5.0389	5.0369	-0.002
3444	50	LDR Unbiased	5.0394	5.0356	-0.0038
4434	100	LDR Biased	5.0449	5.0463	0.0014
4435	100	LDR Biased	5.0267	5.022	-0.0047
4436	100	LDR Biased	5.0112	5.0068	-0.0044
4437	100	LDR Biased	5.0077	5.0025	-0.0052
4438	100	LDR Biased	5.0334	5.035	0.0016
4439	100	LDR Unbiased	5.05	5.0405	-0.0095
4440	100	LDR Unbiased	5.0105	5.0018	-0.0087
4441	100	LDR Unbiased	5.0176	5.0126	-0.005
4443	100	LDR Unbiased	5.0389	5.0384	-0.0005
4444	100	LDR Unbiased	5.0394	5.0338	-0.0056
4500	150	LDR Biased	5.0354	5.0276	-0.0078
4501	150	LDR Biased	5.0236	5.0164	-0.0072
4502	150	LDR Biased	5.0441	5.0362	-0.0079
4503	150	LDR Biased	5.0104	5.0085	-0.0019
4504	150	LDR Biased	5.0454	5.0658	0.0204
4505	150	LDR Unbiased	5.0231	5.019	-0.0041
4506	150	LDR Unbiased	5.0442	4.9789	-0.0653
4507	150	LDR Unbiased	5.0192	5.0204	0.0012
4508	150	LDR Unbiased	5.0181	5.0247	0.0066
4509	150	LDR Unbiased	5.0389	5.0689	0.03

Test Statistics (V)

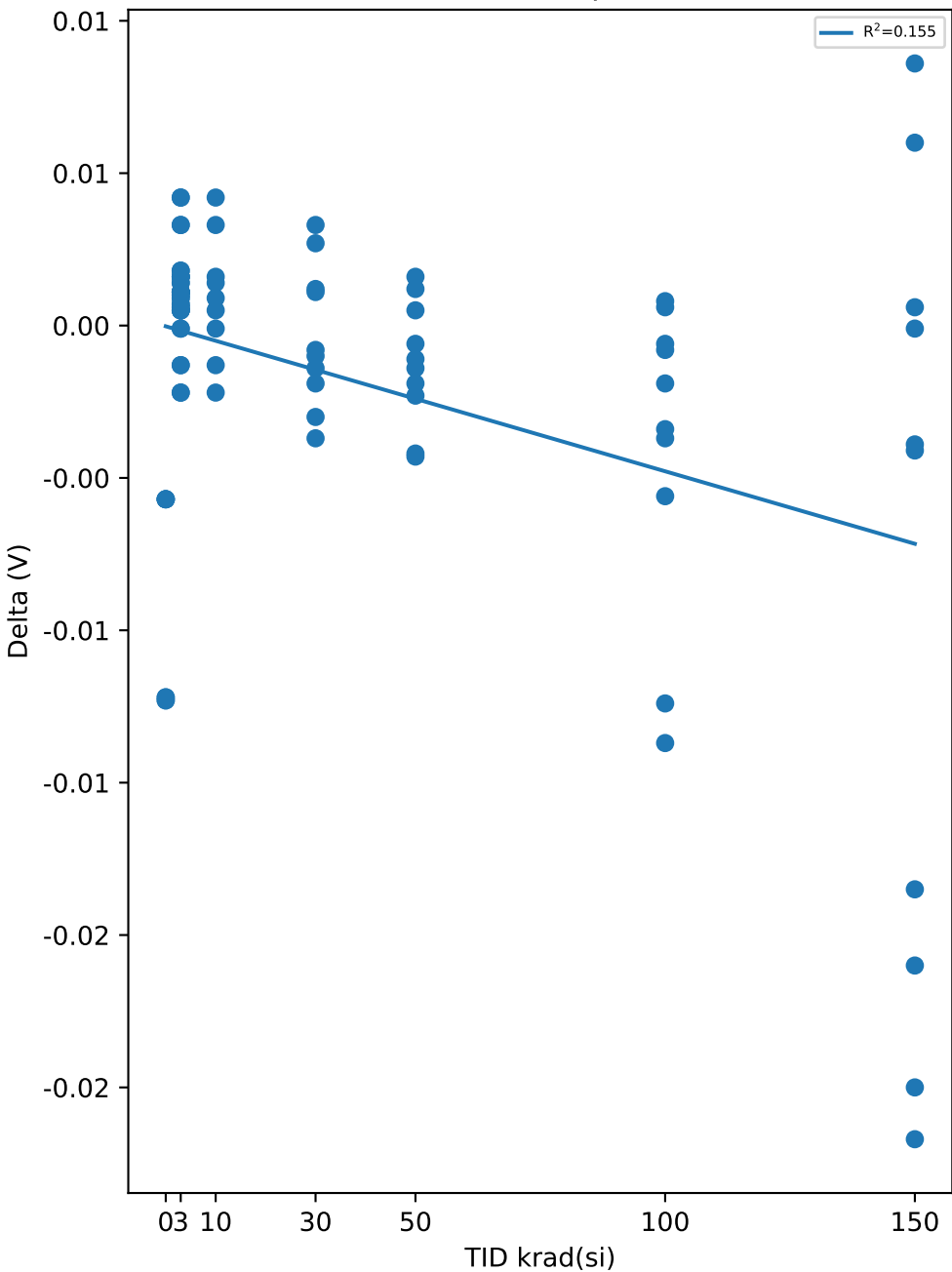
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.0176	5.0282	5.0389	0.015061	5.0258	5.0293	5.0327	0.004879	-0.0131	0.001	0.0151	0.01994
3	5.0159	5.0324	5.0468	0.0096221	5.0157	5.0329	5.0454	0.0092027	-0.0014	0.00043333	0.003	0.0014534
10	5.0159	5.0324	5.0468	0.0096221	5.0159	5.0341	5.0472	0.009463	0	0.0017	0.005	0.0016696
30	5.0077	5.028	5.05	0.015485	5.0089	5.0273	5.0478	0.014709	-0.0047	-0.00076	0.0029	0.0026867
50	5.0077	5.028	5.05	0.015485	5.0061	5.0255	5.0457	0.015567	-0.0043	-0.00249	-0.0006	0.0013445
100	5.0077	5.028	5.05	0.015485	5.0018	5.024	5.0463	0.016927	-0.0095	-0.00406	0.0016	0.0038112
150	5.0104	5.0302	5.0454	0.012808	4.9789	5.0266	5.0689	0.026301	-0.0653	-0.0036	0.03	0.025147

Device Test: 62.23 V_BP5H IIM 5MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

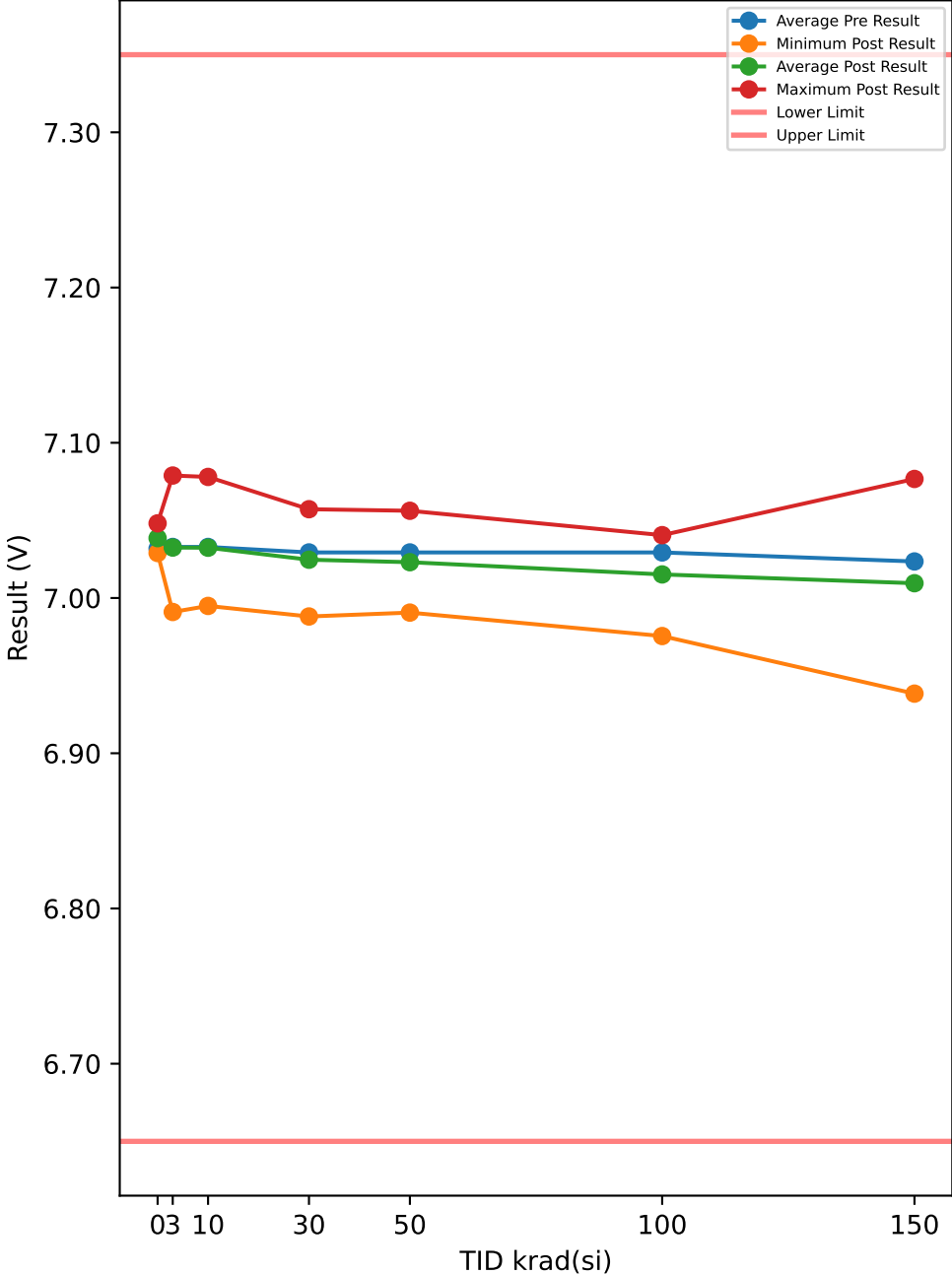
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0023	4.9966	-0.0057
2	0	CORRELATION	5.0028	4.9906	-0.0122
259	3	LDR Biased	5.0179	5.0184	0.0005
426	3	LDR Biased	5.0016	5.0026	0.001
427	3	LDR Biased	4.9936	4.9947	0.0011
428	3	LDR Biased	4.9878	4.9884	0.0006
429	3	LDR Unbiased	4.9905	4.9912	0.0007
430	3	LDR Unbiased	5.0106	5.0122	0.0016
431	3	LDR Unbiased	5.0083	5.0101	0.0018
432	3	LDR Unbiased	4.9971	4.9982	0.0011
433	3	LDR Unbiased	4.9943	4.9954	0.0011
1259	10	LDR Biased	5.0179	5.0212	0.0033
1426	10	LDR Biased	5.0016	5.0015	-0.0001
1427	10	LDR Biased	4.9936	4.995	0.0014
1428	10	LDR Biased	4.9878	4.9883	0.0005
1429	10	LDR Unbiased	4.9905	4.9892	-0.0013
1430	10	LDR Unbiased	5.0106	5.0122	0.0016
1431	10	LDR Unbiased	5.0083	5.0061	-0.0022
1432	10	LDR Unbiased	4.9971	5.0013	0.0042
1433	10	LDR Unbiased	4.9943	4.9952	0.0009
2434	30	LDR Biased	5.0016	5.0049	0.0033
2435	30	LDR Biased	5.015	5.0142	-0.0008
2436	30	LDR Biased	4.9918	4.9945	0.0027
2437	30	LDR Biased	5.0232	5.0202	-0.003
2438	30	LDR Biased	4.9891	4.9877	-0.0014
2439	30	LDR Unbiased	4.9967	4.9957	-0.001
2440	30	LDR Unbiased	5.0147	5.0159	0.0012
2441	30	LDR Unbiased	5.0023	4.9986	-0.0037
2443	30	LDR Unbiased	5.0028	5.0009	-0.0019
2444	30	LDR Unbiased	5.0241	5.0252	0.0011
3434	50	LDR Biased	5.0016	5.0028	0.0012
3435	50	LDR Biased	5.015	5.0127	-0.0023
3436	50	LDR Biased	4.9918	4.9934	0.0016
3437	50	LDR Biased	5.0232	5.0189	-0.0043
3438	50	LDR Biased	4.9891	4.9877	-0.0014
3439	50	LDR Unbiased	4.9967	4.9956	-0.0011
3440	50	LDR Unbiased	5.0147	5.0128	-0.0019
3441	50	LDR Unbiased	5.0023	4.9981	-0.0042
3443	50	LDR Unbiased	5.0028	5.0022	-0.0006
3444	50	LDR Unbiased	5.0241	5.0246	0.0005
4434	100	LDR Biased	5.0016	5.0024	0.0008
4435	100	LDR Biased	5.015	5.0131	-0.0019
4436	100	LDR Biased	4.9918	4.9884	-0.0034
4437	100	LDR Biased	5.0232	5.0176	-0.0056
4438	100	LDR Biased	4.9891	4.9854	-0.0037
4439	100	LDR Unbiased	4.9967	4.9843	-0.0124
4440	100	LDR Unbiased	5.0147	5.001	-0.0137
4441	100	LDR Unbiased	5.0023	5.0029	0.0006
4443	100	LDR Unbiased	5.0028	5.0022	-0.0006
4444	100	LDR Unbiased	5.0241	5.0233	-0.0008
4500	150	LDR Biased	5.0059	4.9874	-0.0185
4501	150	LDR Biased	5.0042	5.0001	-0.0041
4502	150	LDR Biased	5.0213	5.0174	-0.0039
4503	150	LDR Biased	5.0058	5.0057	-0.0001
4504	150	LDR Biased	5.0177	4.9967	-0.021
4505	150	LDR Unbiased	5.0261	5.0011	-0.025
4506	150	LDR Unbiased	5.0191	4.9924	-0.0267
4507	150	LDR Unbiased	5.0255	5.0261	0.0006
4508	150	LDR Unbiased	5.0238	5.0324	0.0086
4509	150	LDR Unbiased	4.9956	5.0016	0.006

Test Statistics (V)

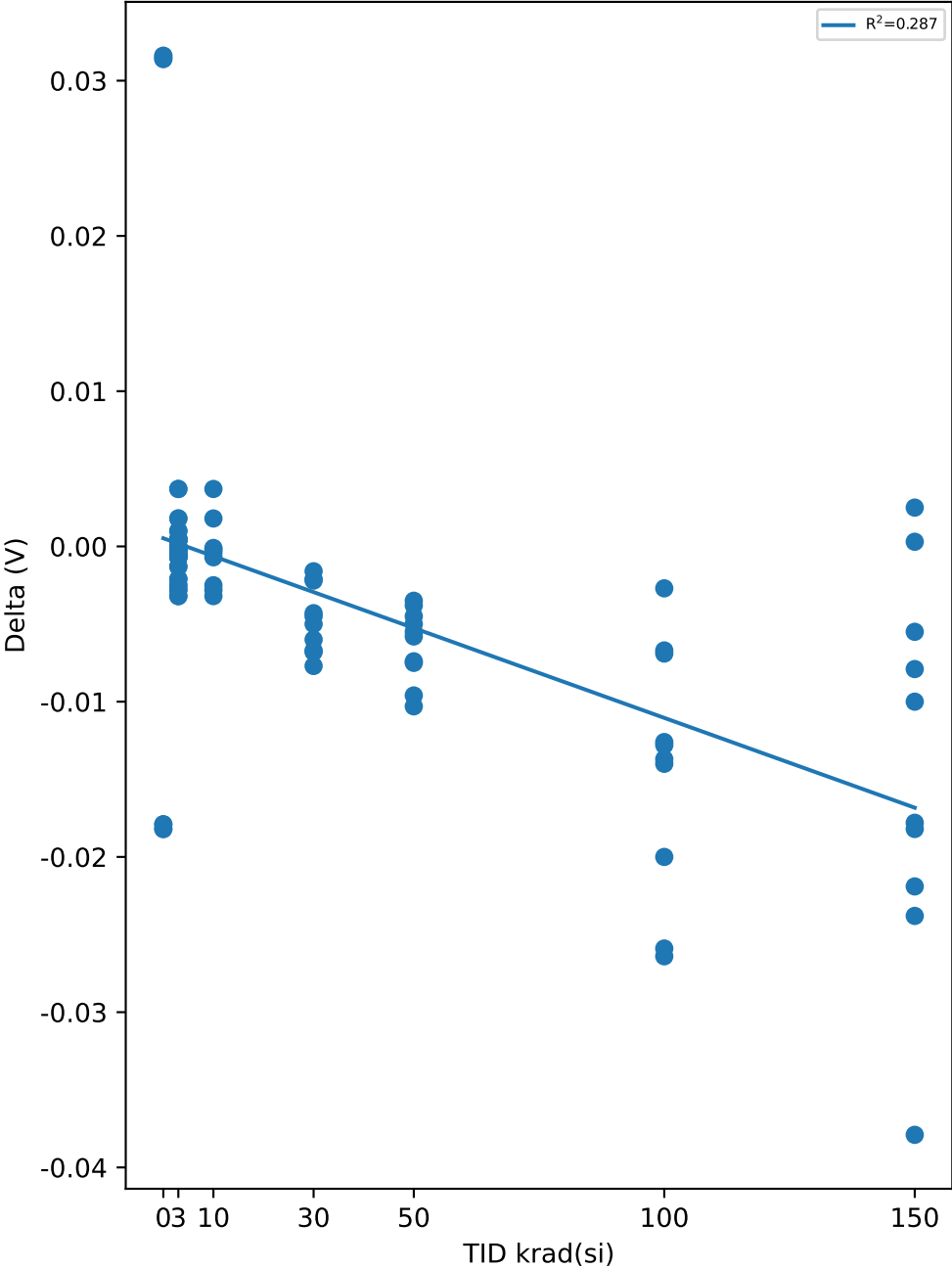
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.0023	5.0025	5.0028	0.00035355	4.9906	4.9936	4.9966	0.0042426	-0.0122	-0.00895	-0.0057	0.0045962
3	4.9878	5.0002	5.0179	0.010154	4.9884	5.0012	5.0184	0.010288	0.0005	0.0010556	0.0018	0.00043333
10	4.9878	5.0002	5.0179	0.010154	4.9883	5.0011	5.0212	0.010781	-0.0022	0.00092222	0.0042	0.0020309
30	4.9891	5.0061	5.0241	0.012459	4.9877	5.0058	5.0252	0.012429	-0.0037	-0.00035	0.0033	0.0023453
50	4.9891	5.0061	5.0241	0.012459	4.9877	5.0049	5.0246	0.011925	-0.0043	-0.00125	0.0016	0.0020327
100	4.9891	5.0061	5.0241	0.012459	4.9843	5.0021	5.0233	0.013317	-0.0137	-0.00407	0.0008	0.0051426
150	4.9956	5.0145	5.0261	0.010712	4.9874	5.0061	5.0324	0.014631	-0.0267	-0.00841	0.0086	0.01315

Device Test: 62.3 V_BP7L PWM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

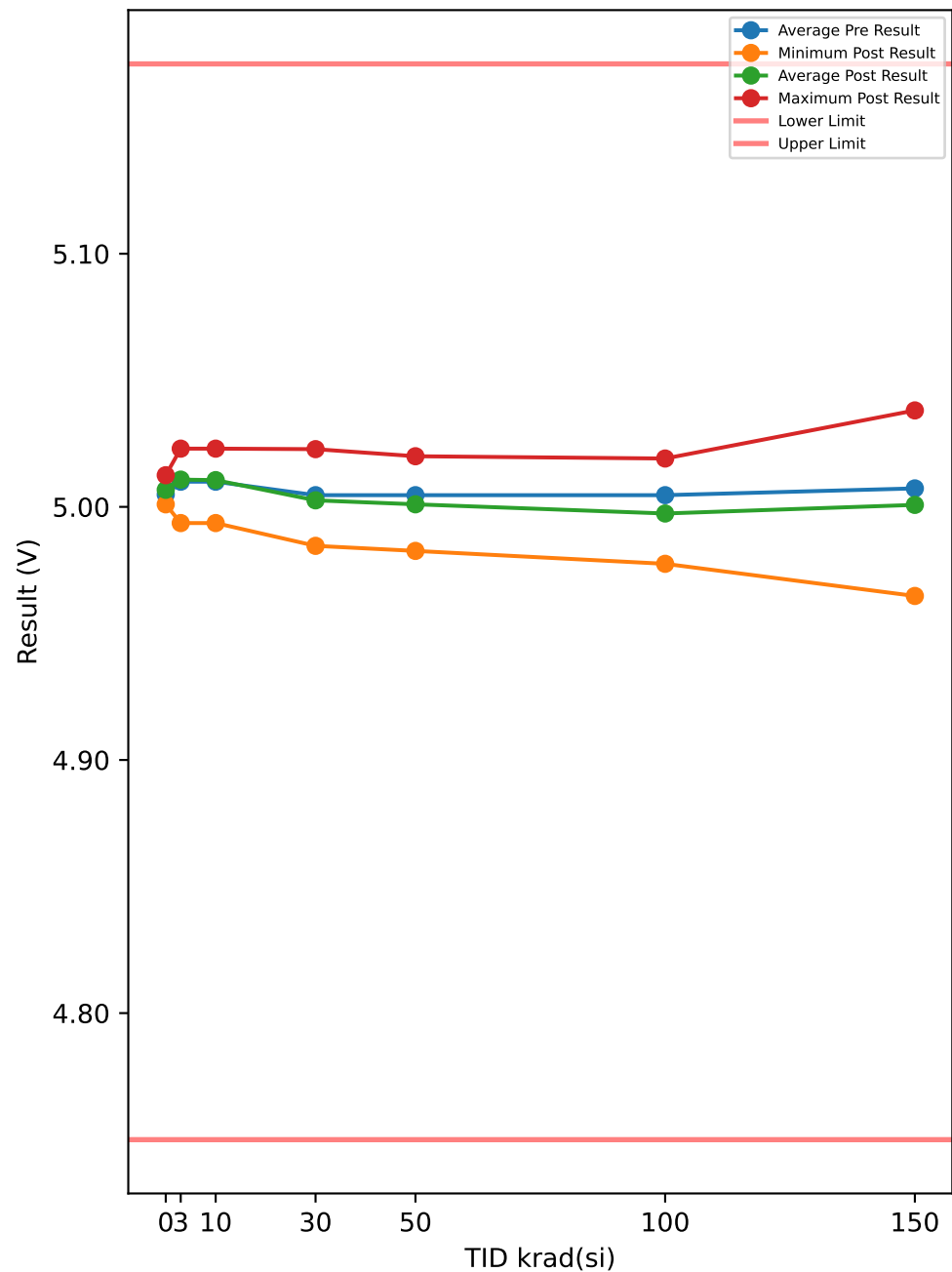
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0472	7.0293	-0.0179
2	0	CORRELATION	7.0165	7.0479	0.0314
259	3	LDR Biased	7.0784	7.0789	0.0005
426	3	LDR Biased	7.0169	7.0173	0.0004
427	3	LDR Biased	7.06	7.0604	0.0004
428	3	LDR Biased	7.0418	7.0411	-0.0007
429	3	LDR Unbiased	7.0363	7.0358	-0.0005
430	3	LDR Unbiased	7.0088	7.0088	0
431	3	LDR Unbiased	6.9931	6.991	-0.0021
432	3	LDR Unbiased	7.0388	7.0375	-0.0013
433	3	LDR Unbiased	7.0219	7.0229	0.001
1259	10	LDR Biased	7.0784	7.078	-0.0004
1426	10	LDR Biased	7.0169	7.0167	-0.0002
1427	10	LDR Biased	7.06	7.0575	-0.0025
1428	10	LDR Biased	7.0418	7.0417	-0.0001
1429	10	LDR Unbiased	7.0363	7.0356	-0.0007
1430	10	LDR Unbiased	7.0088	7.006	-0.0028
1431	10	LDR Unbiased	6.9931	6.9949	0.0018
1432	10	LDR Unbiased	7.0388	7.0356	-0.0032
1433	10	LDR Unbiased	7.0219	7.0256	0.0037
2434	30	LDR Biased	7.008	7.0059	-0.0021
2435	30	LDR Biased	7.0404	7.0327	-0.0077
2436	30	LDR Biased	7.0617	7.0572	-0.0045
2437	30	LDR Biased	7.0488	7.0472	-0.0016
2438	30	LDR Biased	7.0565	7.0498	-0.0067
2439	30	LDR Unbiased	6.9941	6.9881	-0.006
2440	30	LDR Unbiased	6.9955	6.9933	-0.0022
2441	30	LDR Unbiased	7.0472	7.0404	-0.0068
2443	30	LDR Unbiased	7.0165	7.0122	-0.0043
2444	30	LDR Unbiased	7.0249	7.0199	-0.005
3434	50	LDR Biased	7.008	7.0005	-0.0075
3435	50	LDR Biased	7.0404	7.0308	-0.0096
3436	50	LDR Biased	7.0617	7.0562	-0.0055
3437	50	LDR Biased	7.0488	7.045	-0.0038
3438	50	LDR Biased	7.0565	7.0462	-0.0103
3439	50	LDR Unbiased	6.9941	6.9906	-0.0035
3440	50	LDR Unbiased	6.9955	6.991	-0.0045
3441	50	LDR Unbiased	7.0472	7.0414	-0.0058
3443	50	LDR Unbiased	7.0165	7.0115	-0.005
3444	50	LDR Unbiased	7.0249	7.0175	-0.0074
4434	100	LDR Biased	7.008	6.9954	-0.0126
4435	100	LDR Biased	7.0404	7.0267	-0.0137
4436	100	LDR Biased	7.0617	7.0358	-0.0259
4437	100	LDR Biased	7.0488	7.0348	-0.014
4438	100	LDR Biased	7.0565	7.0301	-0.0264
4439	100	LDR Unbiased	6.9941	6.9872	-0.0069
4440	100	LDR Unbiased	6.9955	6.9755	-0.02
4441	100	LDR Unbiased	7.0472	7.0405	-0.0067
4443	100	LDR Unbiased	7.0165	7.0138	-0.0027
4444	100	LDR Unbiased	7.0249	7.0121	-0.0128
4500	150	LDR Biased	7.0343	7.0105	-0.0238
4501	150	LDR Biased	7.0138	7.0059	-0.0079
4502	150	LDR Biased	6.9873	6.9691	-0.0182
4503	150	LDR Biased	7.0467	7.0492	0.0025
4504	150	LDR Biased	6.9603	6.9384	-0.0219
4505	150	LDR Unbiased	7.0014	7.0017	0.0003
4506	150	LDR Unbiased	7.0306	7.0128	-0.0178
4507	150	LDR Unbiased	7.0867	7.0767	-0.01
4508	150	LDR Unbiased	7.0212	6.9833	-0.0379
4509	150	LDR Unbiased	7.0532	7.0477	-0.0055

Test Statistics (V)

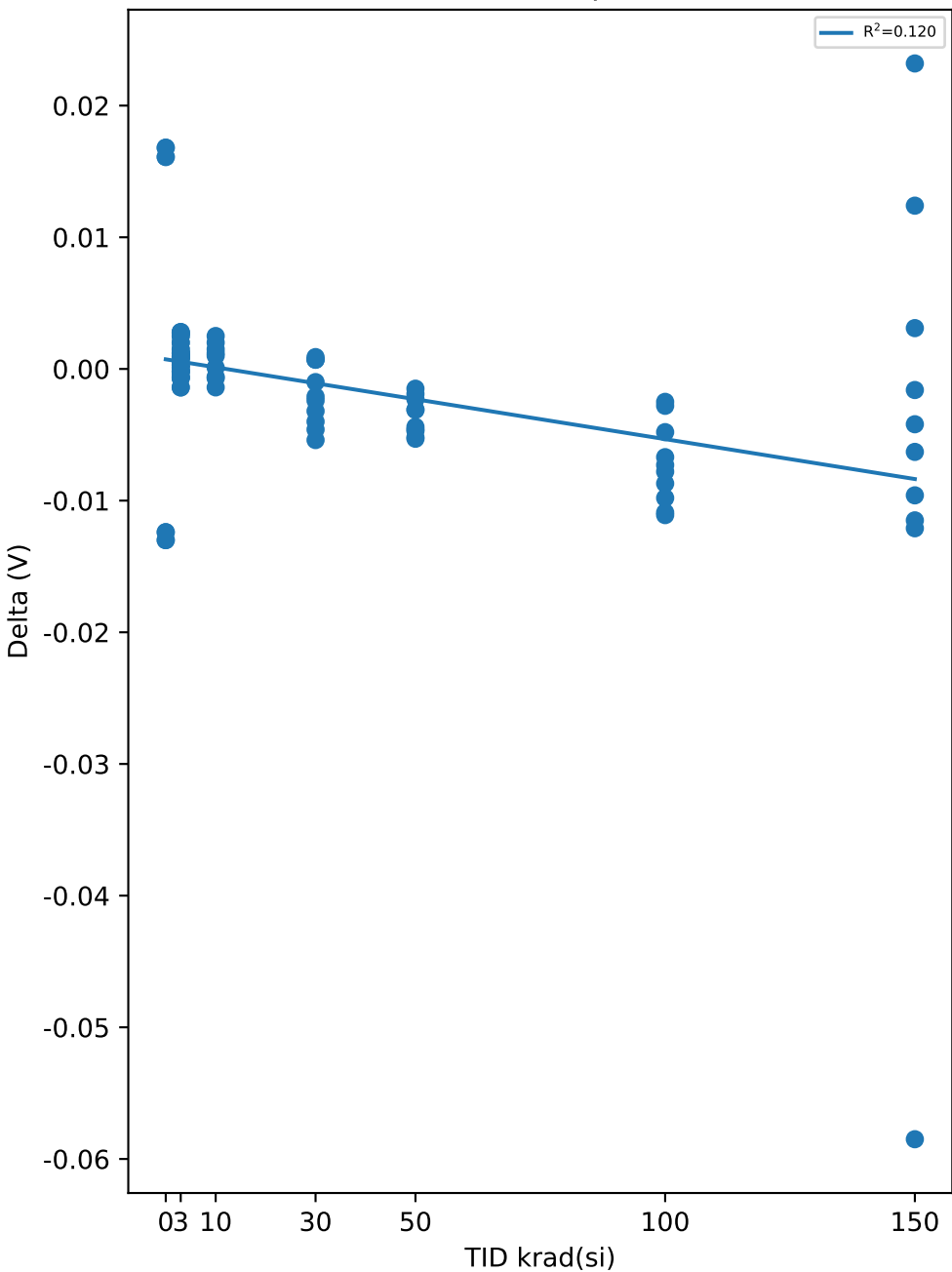
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0165	7.0319	7.0472	0.021708	7.0293	7.0386	7.0479	0.013152	-0.0179	0.00675	0.0314	0.03486
3	6.9931	7.0329	7.0784	0.026154	6.991	7.0326	7.0789	0.026571	-0.0021	-0.00025556	0.001	0.00098883
10	6.9931	7.0329	7.0784	0.026154	6.9949	7.0324	7.078	0.025525	-0.0032	-0.00048889	0.0037	0.0022307
30	6.9941	7.0294	7.0617	0.025015	6.9881	7.0247	7.0572	0.024407	-0.0077	-0.00469	-0.0016	0.0021605
50	6.9941	7.0294	7.0617	0.025015	6.9906	7.0231	7.0562	0.02419	-0.0103	-0.00629	-0.0035	0.002344
100	6.9941	7.0294	7.0617	0.025015	6.9755	7.0152	7.0405	0.022525	-0.0264	-0.01417	-0.0027	0.00793
150	6.9603	7.0236	7.0867	0.035706	6.9384	7.0095	7.0767	0.040839	-0.0379	-0.01402	0.0025	0.012311

Device Test: 62.4 V_BP5L PWM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

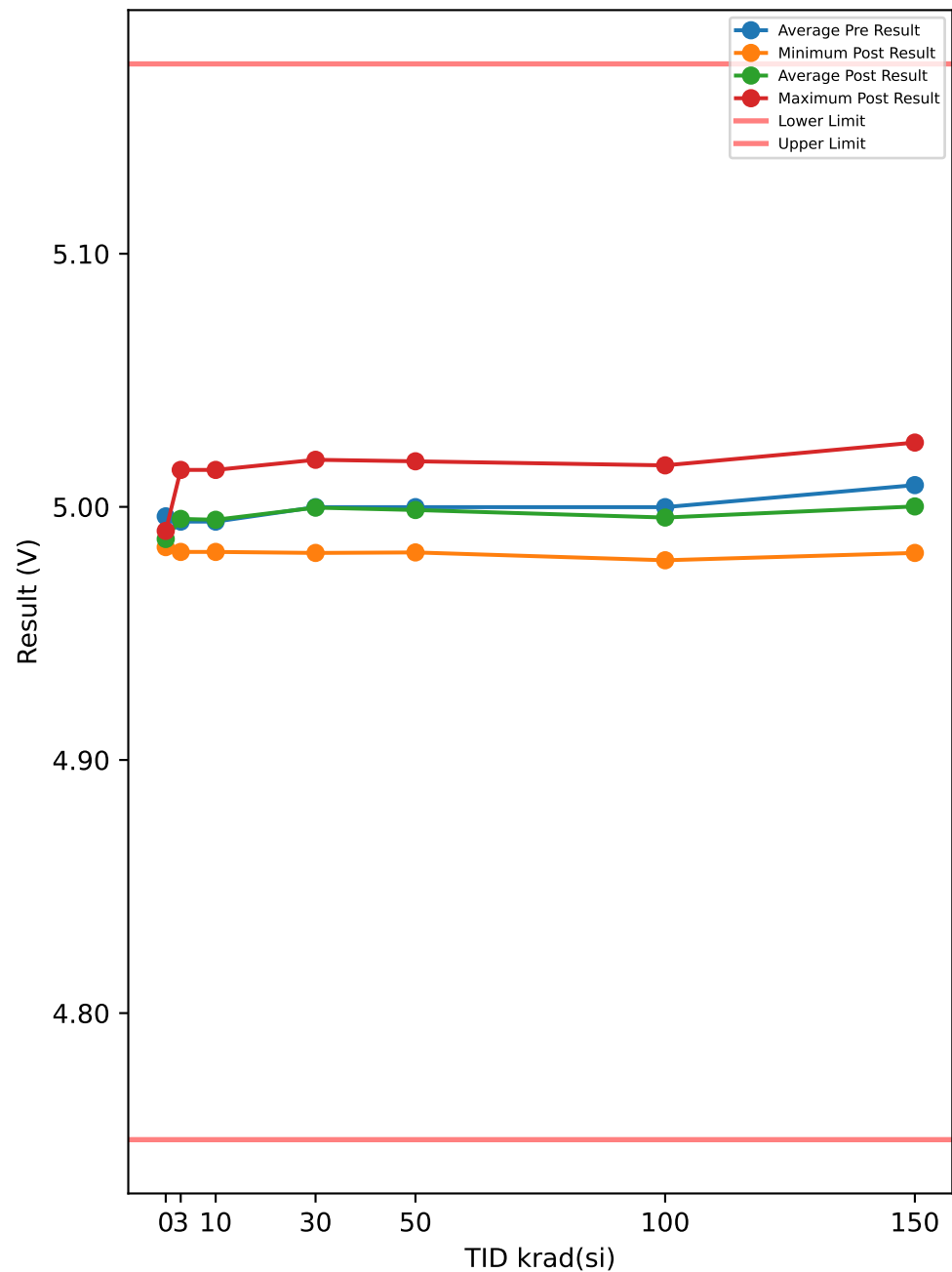
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9957	5.0118	0.0161
2	0	CORRELATION	5.014	5.001	-0.013
259	3	LDR Biased	5.006	5.0087	0.0027
426	3	LDR Biased	5.0147	5.0145	-0.0002
427	3	LDR Biased	5.0118	5.0146	0.0028
428	3	LDR Biased	5.0229	5.0227	-0.0002
429	3	LDR Unbiased	5.0014	5.0026	0.0012
430	3	LDR Unbiased	4.9942	4.9951	0.0009
431	3	LDR Unbiased	5.0054	5.0063	0.0009
432	3	LDR Unbiased	5.0182	5.0189	0.0007
433	3	LDR Unbiased	5.0149	5.0152	0.0003
1259	10	LDR Biased	5.006	5.008	0.002
1426	10	LDR Biased	5.0147	5.0133	-0.0014
1427	10	LDR Biased	5.0118	5.0143	0.0025
1428	10	LDR Biased	5.0229	5.023	0.0001
1429	10	LDR Unbiased	5.0014	5.0026	0.0012
1430	10	LDR Unbiased	4.9942	4.9936	-0.0006
1431	10	LDR Unbiased	5.0054	5.0069	0.0015
1432	10	LDR Unbiased	5.0182	5.0175	-0.0007
1433	10	LDR Unbiased	5.0149	5.0159	0.001
2434	30	LDR Biased	5.0219	5.0228	0.0009
2435	30	LDR Biased	5.0045	5.0035	-0.001
2436	30	LDR Biased	4.9879	4.9886	0.0007
2437	30	LDR Biased	4.9853	4.986	0.0007
2438	30	LDR Biased	5.0091	5.0067	-0.0024
2439	30	LDR Unbiased	5.0241	5.0187	-0.0054
2440	30	LDR Unbiased	4.9878	4.9846	-0.0032
2441	30	LDR Unbiased	4.9957	4.9917	-0.004
2443	30	LDR Unbiased	5.014	5.0094	-0.0046
2444	30	LDR Unbiased	5.0159	5.0138	-0.0021
3434	50	LDR Biased	5.0219	5.02	-0.0019
3435	50	LDR Biased	5.0045	4.9998	-0.0047
3436	50	LDR Biased	4.9879	4.9826	-0.0053
3437	50	LDR Biased	4.9853	4.983	-0.0023
3438	50	LDR Biased	5.0091	5.0076	-0.0015
3439	50	LDR Unbiased	5.0241	5.0189	-0.0052
3440	50	LDR Unbiased	4.9878	4.9847	-0.0031
3441	50	LDR Unbiased	4.9957	4.9911	-0.0046
3443	50	LDR Unbiased	5.014	5.0109	-0.0031
3444	50	LDR Unbiased	5.0159	5.0115	-0.0044
4434	100	LDR Biased	5.0219	5.0191	-0.0028
4435	100	LDR Biased	5.0045	4.9936	-0.0109
4436	100	LDR Biased	4.9879	4.9792	-0.0087
4437	100	LDR Biased	4.9853	4.9775	-0.0078
4438	100	LDR Biased	5.0091	5.0066	-0.0025
4439	100	LDR Unbiased	5.0241	5.013	-0.0111
4440	100	LDR Unbiased	4.9878	4.978	-0.0098
4441	100	LDR Unbiased	4.9957	4.9884	-0.0073
4443	100	LDR Unbiased	5.014	5.0092	-0.0048
4444	100	LDR Unbiased	5.0159	5.0092	-0.0067
4500	150	LDR Biased	5.0121	5	-0.0121
4501	150	LDR Biased	5.0009	4.9913	-0.0096
4502	150	LDR Biased	5.0201	5.0086	-0.0115
4503	150	LDR Biased	4.9885	4.9843	-0.0042
4504	150	LDR Biased	5.0214	5.0338	0.0124
4505	150	LDR Unbiased	5	4.9937	-0.0063
4506	150	LDR Unbiased	5.0233	4.9648	-0.0585
4507	150	LDR Unbiased	4.9956	4.994	-0.0016
4508	150	LDR Unbiased	4.9961	4.9992	0.0031
4509	150	LDR Unbiased	5.0149	5.0381	0.0232

Test Statistics (V)

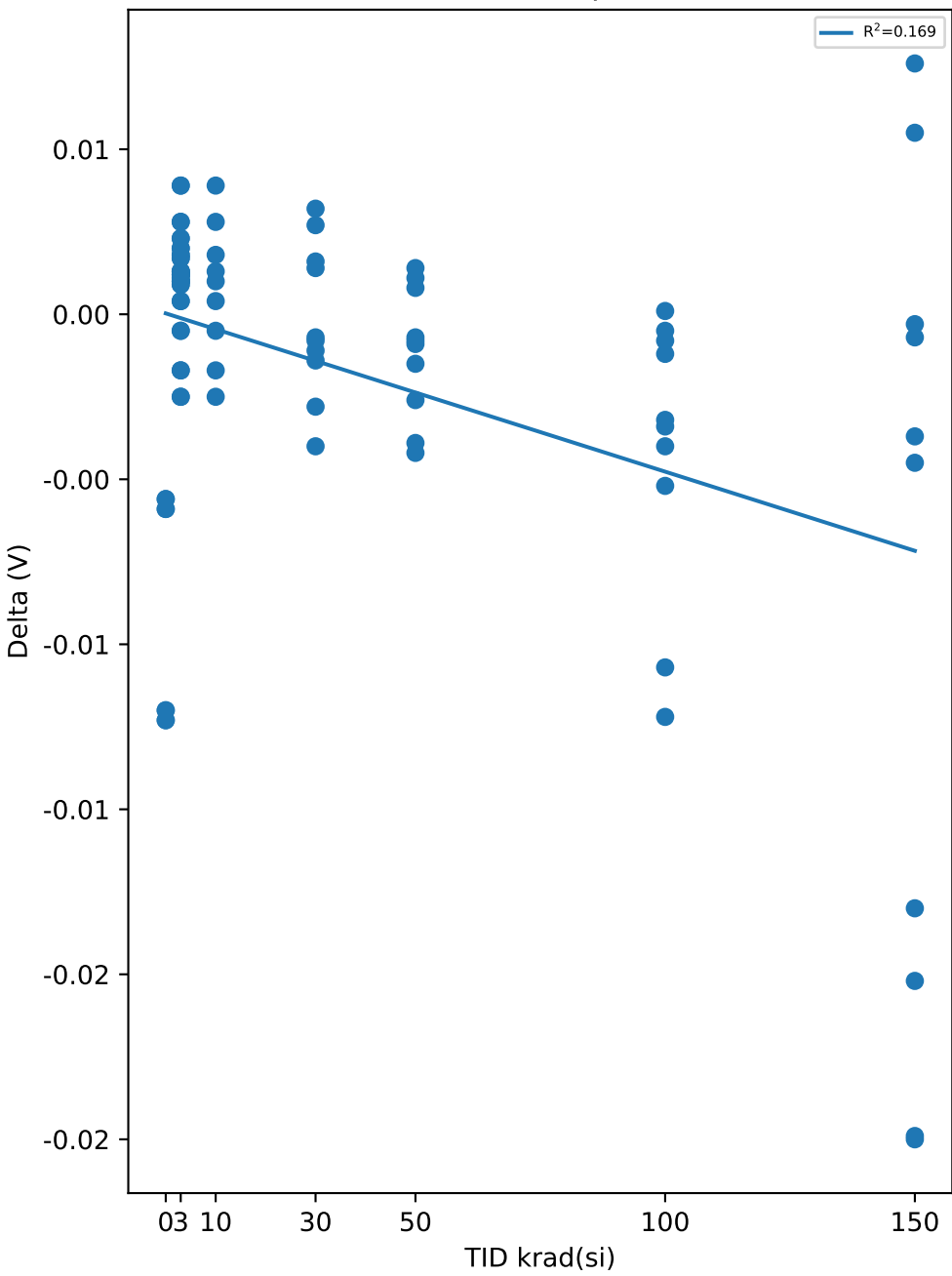
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9957	5.0049	5.014	0.01294	5.001	5.0064	5.0118	0.0076368	-0.013	0.00155	0.0161	0.020577
3	4.9942	5.0099	5.0229	0.0089702	4.9951	5.011	5.0227	0.0086087	-0.0002	0.0010111	0.0028	0.0010982
10	4.9942	5.0099	5.0229	0.0089702	4.9936	5.0106	5.023	0.0088309	-0.0014	0.00062222	0.0025	0.0013358
30	4.9853	5.0046	5.0241	0.014639	4.9846	5.0026	5.0228	0.014027	-0.0054	-0.00204	0.0009	0.0023071
50	4.9853	5.0046	5.0241	0.014639	4.9826	5.001	5.02	0.014761	-0.0053	-0.00361	-0.0015	0.0014059
100	4.9853	5.0046	5.0241	0.014639	4.9775	4.9974	5.0191	0.015904	-0.0111	-0.00724	-0.0025	0.0030862
150	4.9885	5.0073	5.0233	0.012514	4.9648	5.0008	5.0381	0.021857	-0.0585	-0.00651	0.0232	0.021424

Device Test: 62.5 V_BP5H PWM 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

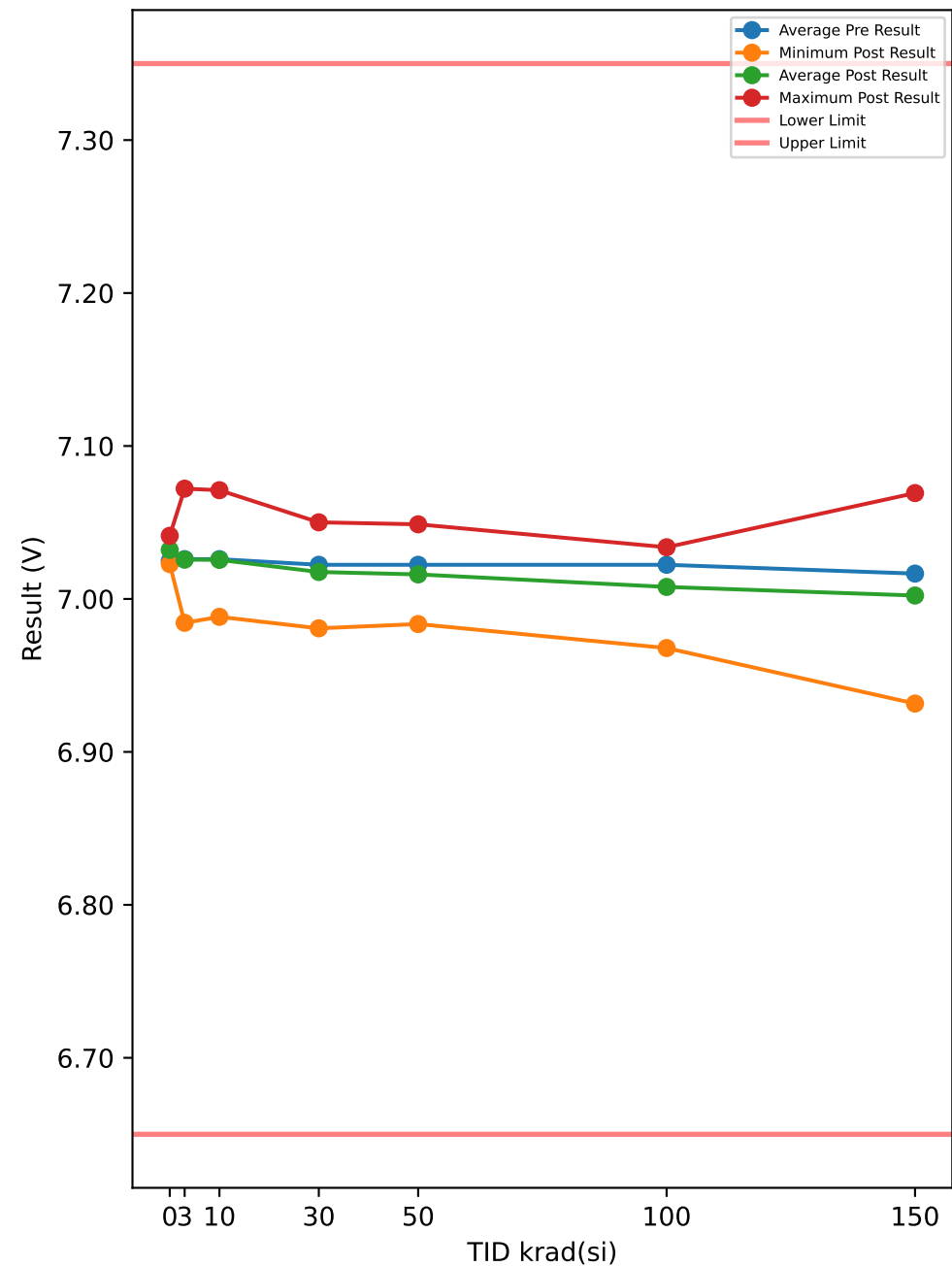
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9961	4.9902	-0.0059
2	0	CORRELATION	4.9964	4.9841	-0.0123
259	3	LDR Biased	5.0118	5.0127	0.0009
426	3	LDR Biased	4.9957	4.9969	0.0012
427	3	LDR Biased	4.9877	4.9889	0.0012
428	3	LDR Biased	4.9818	4.9828	0.001
429	3	LDR Unbiased	4.9847	4.9858	0.0011
430	3	LDR Unbiased	5.0045	5.0068	0.0023
431	3	LDR Unbiased	5.0022	5.0042	0.002
432	3	LDR Unbiased	4.9907	4.9924	0.0017
433	3	LDR Unbiased	4.9885	4.9898	0.0013
1259	10	LDR Biased	5.0118	5.0146	0.0028
1426	10	LDR Biased	4.9957	4.9952	-0.0005
1427	10	LDR Biased	4.9877	4.989	0.0013
1428	10	LDR Biased	4.9818	4.9822	0.0004
1429	10	LDR Unbiased	4.9847	4.983	-0.0017
1430	10	LDR Unbiased	5.0045	5.0063	0.0018
1431	10	LDR Unbiased	5.0022	4.9997	-0.0025
1432	10	LDR Unbiased	4.9907	4.9946	0.0039
1433	10	LDR Unbiased	4.9885	4.9895	0.001
2434	30	LDR Biased	4.9953	4.9985	0.0032
2435	30	LDR Biased	5.0091	5.0083	-0.0008
2436	30	LDR Biased	4.9853	4.988	0.0027
2437	30	LDR Biased	5.0173	5.0145	-0.0028
2438	30	LDR Biased	4.9829	4.9818	-0.0011
2439	30	LDR Unbiased	4.9904	4.9897	-0.0007
2440	30	LDR Unbiased	5.0089	5.0105	0.0016
2441	30	LDR Unbiased	4.9961	4.9921	-0.004
2443	30	LDR Unbiased	4.9964	4.995	-0.0014
2444	30	LDR Unbiased	5.0172	5.0186	0.0014
3434	50	LDR Biased	4.9953	4.9964	0.0011
3435	50	LDR Biased	5.0091	5.0065	-0.0026
3436	50	LDR Biased	4.9853	4.9867	0.0014
3437	50	LDR Biased	5.0173	5.0134	-0.0039
3438	50	LDR Biased	4.9829	4.982	-0.0009
3439	50	LDR Unbiased	4.9904	4.9897	-0.0007
3440	50	LDR Unbiased	5.0089	5.0074	-0.0015
3441	50	LDR Unbiased	4.9961	4.9919	-0.0042
3443	50	LDR Unbiased	4.9964	4.9956	-0.0008
3444	50	LDR Unbiased	5.0172	5.018	0.0008
4434	100	LDR Biased	4.9953	4.9954	0.0001
4435	100	LDR Biased	5.0091	5.0059	-0.0032
4436	100	LDR Biased	4.9853	4.9819	-0.0034
4437	100	LDR Biased	5.0173	5.0121	-0.0052
4438	100	LDR Biased	4.9829	4.9789	-0.004
4439	100	LDR Unbiased	4.9904	4.9797	-0.0107
4440	100	LDR Unbiased	5.0089	4.9967	-0.0122
4441	100	LDR Unbiased	4.9961	4.9956	-0.0005
4443	100	LDR Unbiased	4.9964	4.9952	-0.0012
4444	100	LDR Unbiased	5.0172	5.0164	-0.0008
4500	150	LDR Biased	4.9998	4.9818	-0.018
4501	150	LDR Biased	4.9983	4.9946	-0.0037
4502	150	LDR Biased	5.0151	5.0106	-0.0045
4503	150	LDR Biased	5	4.9997	-0.0003
4504	150	LDR Biased	5.0117	4.9915	-0.0202
4505	150	LDR Unbiased	5.0208	4.9958	-0.025
4506	150	LDR Unbiased	5.0135	4.9886	-0.0249
4507	150	LDR Unbiased	5.0195	5.0188	-0.0007
4508	150	LDR Unbiased	5.0178	5.0254	0.0076
4509	150	LDR Unbiased	4.9894	4.9949	0.0055

Test Statistics (V)

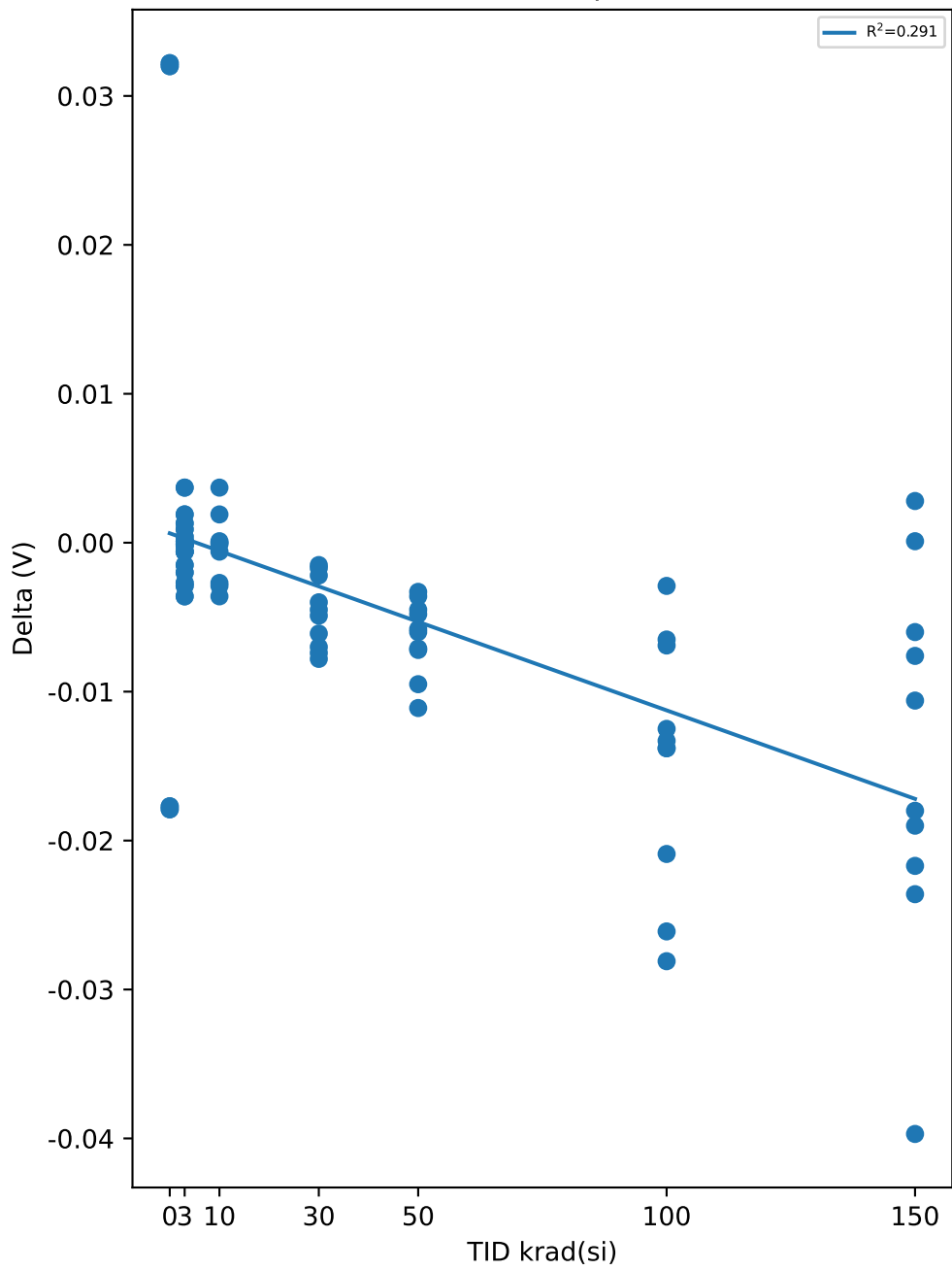
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9961	4.9962	4.9964	0.00021213	4.9841	4.9871	4.9902	0.0043134	-0.0123	-0.0091	-0.0059	0.0045255
3	4.9818	4.9942	5.0118	0.010082	4.9828	4.9956	5.0127	0.01026	0.0009	0.0014111	0.0023	0.00048074
10	4.9818	4.9942	5.0118	0.010082	4.9822	4.9949	5.0146	0.010654	-0.0025	0.00072222	0.0039	0.0020566
30	4.9829	4.9999	5.0173	0.012508	4.9818	4.9997	5.0186	0.012496	-0.004	-0.00019	0.0032	0.002353
50	4.9829	4.9999	5.0173	0.012508	4.982	4.9988	5.018	0.011973	-0.0042	-0.00113	0.0014	0.0019675
100	4.9829	4.9999	5.0173	0.012508	4.9789	4.9958	5.0164	0.013045	-0.0122	-0.00411	0.0001	0.0042373
150	4.9894	5.0086	5.0208	0.010823	4.9818	5.0002	5.0254	0.013812	-0.025	-0.00842	0.0076	0.01243

Device Test: 62.6 V_BP7L PWM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

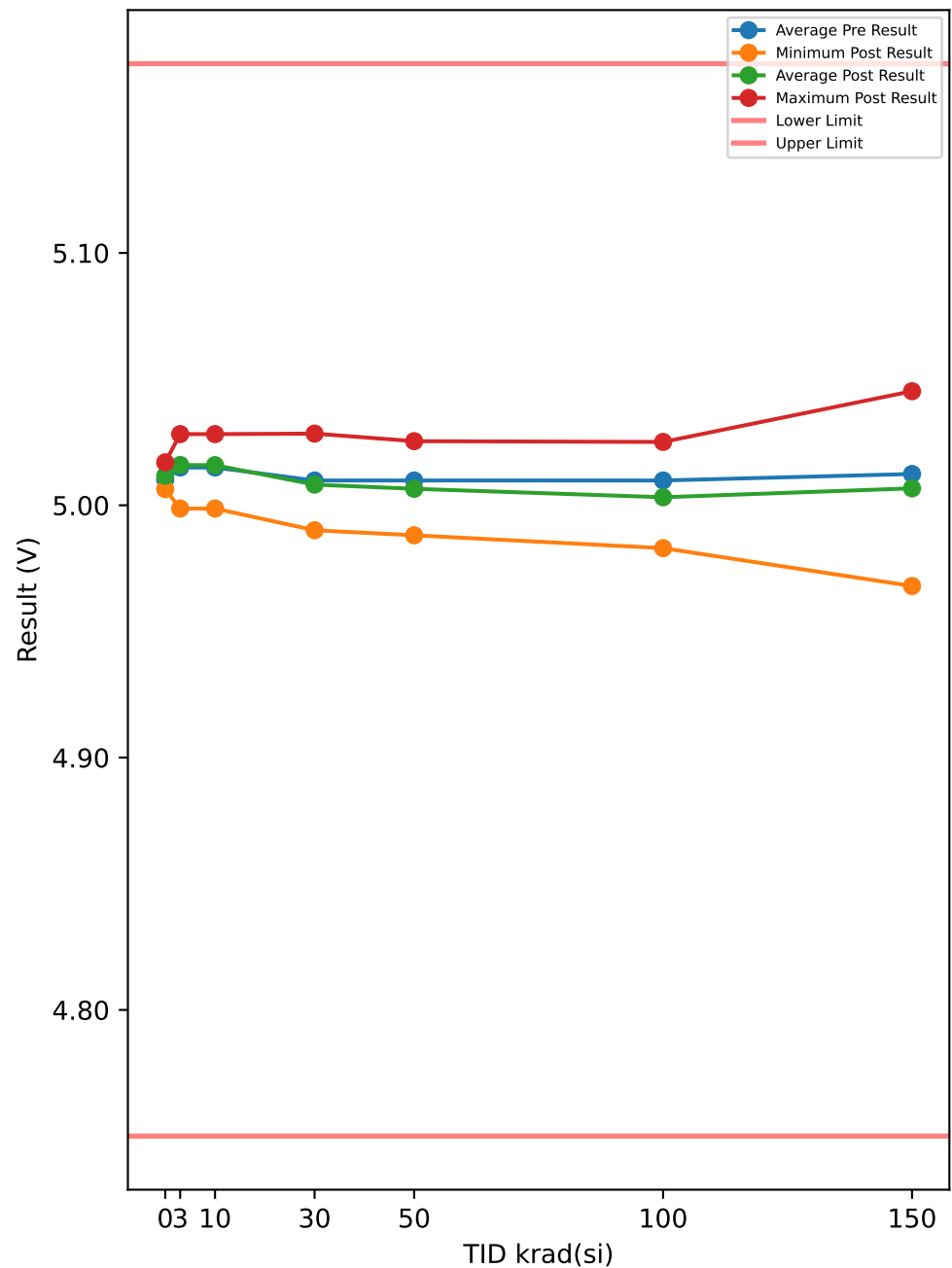
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0407	7.023	-0.0177
2	0	CORRELATION	7.0091	7.0413	0.0322
259	3	LDR Biased	7.0712	7.0721	0.0009
426	3	LDR Biased	7.01	7.0104	0.0004
427	3	LDR Biased	7.0532	7.0533	0.0001
428	3	LDR Biased	7.0349	7.0343	-0.0006
429	3	LDR Unbiased	7.0291	7.0289	-0.0002
430	3	LDR Unbiased	7.0023	7.0022	-0.0001
431	3	LDR Unbiased	6.9864	6.9844	-0.002
432	3	LDR Unbiased	7.0322	7.0307	-0.0015
433	3	LDR Unbiased	7.0149	7.0162	0.0013
1259	10	LDR Biased	7.0712	7.0711	-0.0001
1426	10	LDR Biased	7.01	7.01	0
1427	10	LDR Biased	7.0532	7.0505	-0.0027
1428	10	LDR Biased	7.0349	7.035	0.0001
1429	10	LDR Unbiased	7.0291	7.0285	-0.0006
1430	10	LDR Unbiased	7.0023	6.9994	-0.0029
1431	10	LDR Unbiased	6.9864	6.9883	0.0019
1432	10	LDR Unbiased	7.0322	7.0286	-0.0036
1433	10	LDR Unbiased	7.0149	7.0186	0.0037
2434	30	LDR Biased	7.0009	6.9992	-0.0017
2435	30	LDR Biased	7.0333	7.0255	-0.0078
2436	30	LDR Biased	7.0546	7.0501	-0.0045
2437	30	LDR Biased	7.0415	7.04	-0.0015
2438	30	LDR Biased	7.0495	7.0421	-0.0074
2439	30	LDR Unbiased	6.9869	6.9808	-0.0061
2440	30	LDR Unbiased	6.9888	6.9866	-0.0022
2441	30	LDR Unbiased	7.0407	7.0337	-0.007
2443	30	LDR Unbiased	7.0091	7.0051	-0.004
2444	30	LDR Unbiased	7.018	7.0131	-0.0049
3434	50	LDR Biased	7.0009	6.9938	-0.0071
3435	50	LDR Biased	7.0333	7.0238	-0.0095
3436	50	LDR Biased	7.0546	7.0488	-0.0058
3437	50	LDR Biased	7.0415	7.0379	-0.0036
3438	50	LDR Biased	7.0495	7.0384	-0.0111
3439	50	LDR Unbiased	6.9869	6.9836	-0.0033
3440	50	LDR Unbiased	6.9888	6.9843	-0.0045
3441	50	LDR Unbiased	7.0407	7.0347	-0.006
3443	50	LDR Unbiased	7.0091	7.0043	-0.0048
3444	50	LDR Unbiased	7.018	7.0108	-0.0072
4434	100	LDR Biased	7.0009	6.9884	-0.0125
4435	100	LDR Biased	7.0333	7.0195	-0.0138
4436	100	LDR Biased	7.0546	7.0285	-0.0261
4437	100	LDR Biased	7.0415	7.0277	-0.0138
4438	100	LDR Biased	7.0495	7.0214	-0.0281
4439	100	LDR Unbiased	6.9869	6.9804	-0.0065
4440	100	LDR Unbiased	6.9888	6.9679	-0.0209
4441	100	LDR Unbiased	7.0407	7.0338	-0.0069
4443	100	LDR Unbiased	7.0091	7.0062	-0.0029
4444	100	LDR Unbiased	7.018	7.0047	-0.0133
4500	150	LDR Biased	7.0272	7.0036	-0.0236
4501	150	LDR Biased	7.0068	6.9992	-0.0076
4502	150	LDR Biased	6.9804	6.9624	-0.018
4503	150	LDR Biased	7.0395	7.0423	0.0028
4504	150	LDR Biased	6.9533	6.9316	-0.0217
4505	150	LDR Unbiased	6.9944	6.9945	0.0001
4506	150	LDR Unbiased	7.0237	7.0047	-0.019
4507	150	LDR Unbiased	7.0798	7.0692	-0.0106
4508	150	LDR Unbiased	7.0144	6.9747	-0.0397
4509	150	LDR Unbiased	7.0462	7.0402	-0.006

Test Statistics (V)

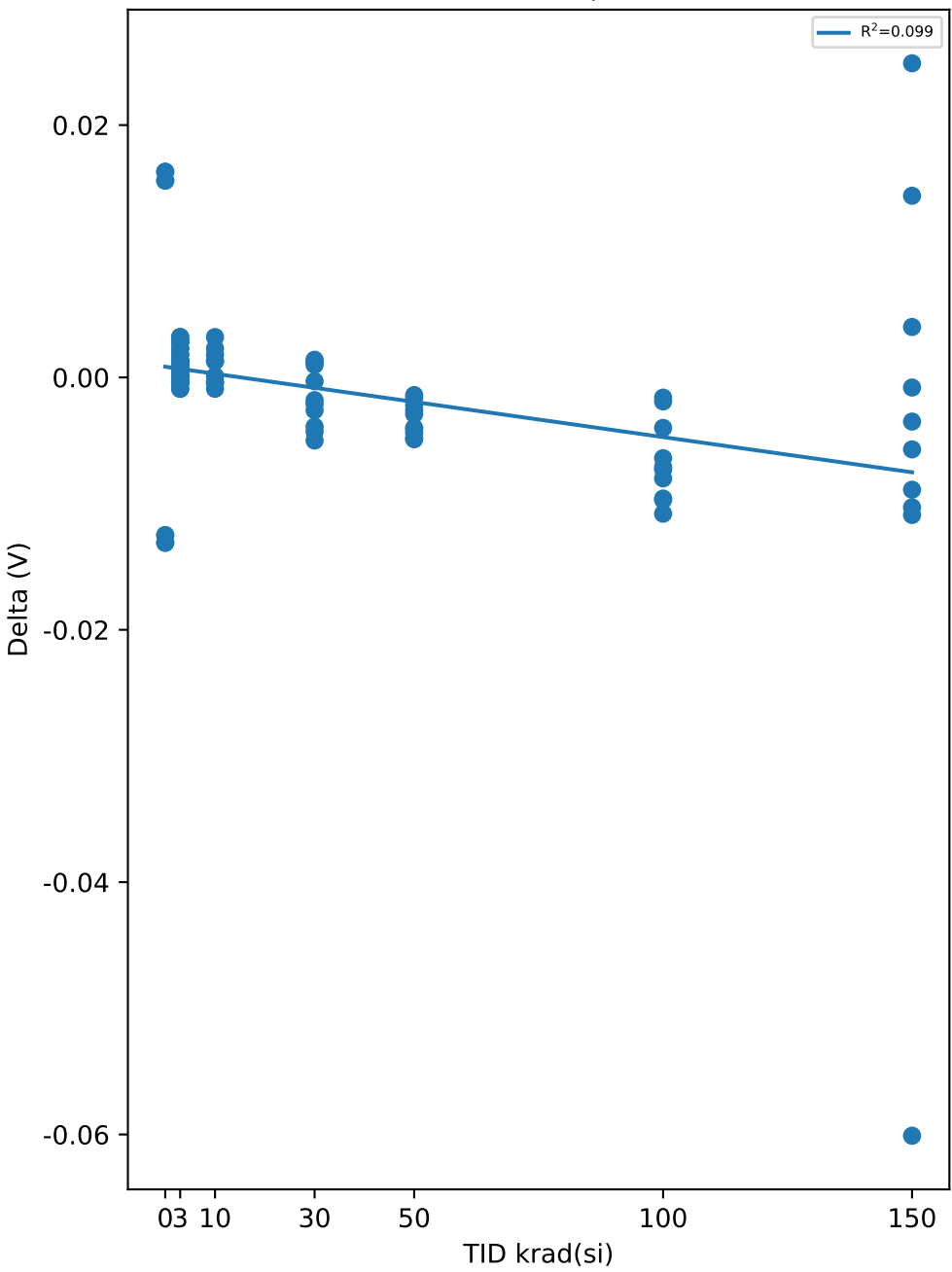
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0091	7.0249	7.0407	0.022345	7.023	7.0321	7.0413	0.01294	-0.0177	0.00725	0.0322	0.035285
3	6.9864	7.026	7.0712	0.026027	6.9844	7.0258	7.0721	0.026472	-0.002	-0.00018889	0.0013	0.0010612
10	6.9864	7.026	7.0712	0.026027	6.9883	7.0256	7.0711	0.025412	-0.0036	-0.00046667	0.0037	0.0023553
30	6.9869	7.0223	7.0546	0.025028	6.9808	7.0176	7.0501	0.02429	-0.0078	-0.00471	-0.0015	0.0023619
50	6.9869	7.0223	7.0546	0.025028	6.9836	7.016	7.0488	0.023989	-0.0111	-0.00629	-0.0033	0.0025133
100	6.9869	7.0223	7.0546	0.025028	6.9679	7.0079	7.0338	0.022494	-0.0281	-0.01448	-0.0029	0.0083214
150	6.9533	7.0166	7.0798	0.035697	6.9316	7.0022	7.0692	0.040746	-0.0397	-0.01433	0.0028	0.01269

Device Test: 62.7 V_BP5L PWM 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

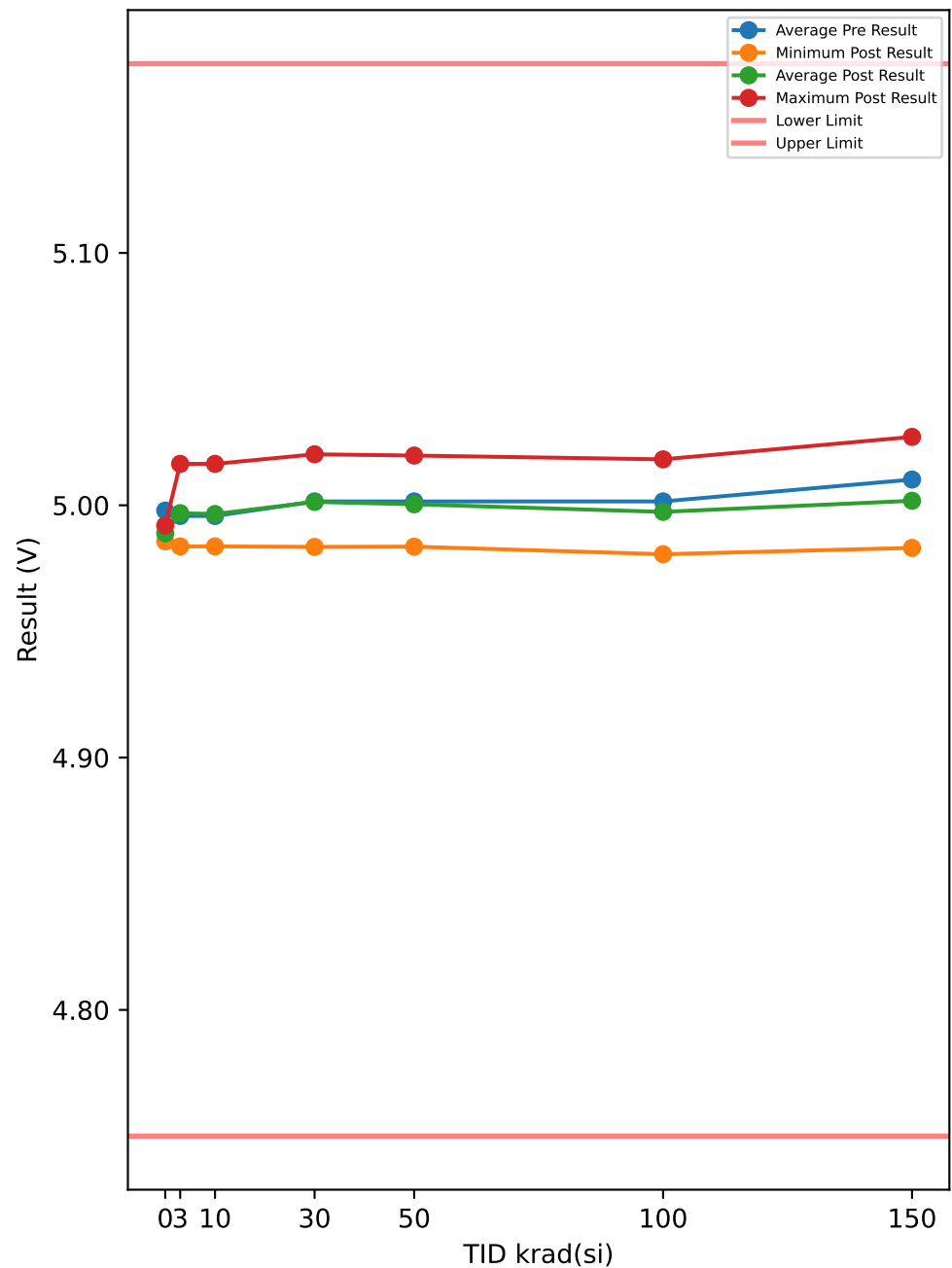
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	5.0007	5.0163	0.0156
2	0	CORRELATION	5.0195	5.0064	-0.0131
259	3	LDR Biased	5.0109	5.0137	0.0028
426	3	LDR Biased	5.0199	5.0199	0
427	3	LDR Biased	5.0167	5.0196	0.0029
428	3	LDR Biased	5.0281	5.0277	-0.0004
429	3	LDR Unbiased	5.0065	5.0077	0.0012
430	3	LDR Unbiased	4.9991	5	0.0009
431	3	LDR Unbiased	5.0103	5.0114	0.0011
432	3	LDR Unbiased	5.0234	5.024	0.0006
433	3	LDR Unbiased	5.0198	5.0202	0.0004
1259	10	LDR Biased	5.0109	5.0132	0.0023
1426	10	LDR Biased	5.0199	5.019	-0.0009
1427	10	LDR Biased	5.0167	5.0199	0.0032
1428	10	LDR Biased	5.0281	5.0282	0.0001
1429	10	LDR Unbiased	5.0065	5.0078	0.0013
1430	10	LDR Unbiased	4.9991	4.9987	-0.0004
1431	10	LDR Unbiased	5.0103	5.0121	0.0018
1432	10	LDR Unbiased	5.0234	5.023	-0.0004
1433	10	LDR Unbiased	5.0198	5.0211	0.0013
2434	30	LDR Biased	5.027	5.0284	0.0014
2435	30	LDR Biased	5.0095	5.0092	-0.0003
2436	30	LDR Biased	4.9931	4.9943	0.0012
2437	30	LDR Biased	4.9903	4.9913	0.001
2438	30	LDR Biased	5.0146	5.0125	-0.0021
2439	30	LDR Unbiased	5.0297	5.0247	-0.005
2440	30	LDR Unbiased	4.9927	4.9901	-0.0026
2441	30	LDR Unbiased	5.0007	4.9968	-0.0039
2443	30	LDR Unbiased	5.0195	5.0152	-0.0043
2444	30	LDR Unbiased	5.0211	5.0193	-0.0018
3434	50	LDR Biased	5.027	5.0254	-0.0016
3435	50	LDR Biased	5.0095	5.0055	-0.004
3436	50	LDR Biased	4.9931	4.9882	-0.0049
3437	50	LDR Biased	4.9903	4.9881	-0.0022
3438	50	LDR Biased	5.0146	5.0132	-0.0014
3439	50	LDR Unbiased	5.0297	5.0249	-0.0048
3440	50	LDR Unbiased	4.9927	4.9901	-0.0026
3441	50	LDR Unbiased	5.0007	4.9963	-0.0044
3443	50	LDR Unbiased	5.0195	5.0166	-0.0029
3444	50	LDR Unbiased	5.0211	5.017	-0.0041
4434	100	LDR Biased	5.027	5.0251	-0.0019
4435	100	LDR Biased	5.0095	4.9998	-0.0097
4436	100	LDR Biased	4.9931	4.9851	-0.008
4437	100	LDR Biased	4.9903	4.983	-0.0073
4438	100	LDR Biased	5.0146	5.013	-0.0016
4439	100	LDR Unbiased	5.0297	5.0189	-0.0108
4440	100	LDR Unbiased	4.9927	4.9831	-0.0096
4441	100	LDR Unbiased	5.0007	4.9936	-0.0071
4443	100	LDR Unbiased	5.0195	5.0155	-0.004
4444	100	LDR Unbiased	5.0211	5.0147	-0.0064
4500	150	LDR Biased	5.0172	5.0063	-0.0109
4501	150	LDR Biased	5.0059	4.997	-0.0089
4502	150	LDR Biased	5.0254	5.0151	-0.0103
4503	150	LDR Biased	4.9934	4.9899	-0.0035
4504	150	LDR Biased	5.0266	5.041	0.0144
4505	150	LDR Unbiased	5.0051	4.9994	-0.0057
4506	150	LDR Unbiased	5.0281	4.968	-0.0601
4507	150	LDR Unbiased	5.0009	5.0001	-0.0008
4508	150	LDR Unbiased	5.0011	5.0051	0.004
4509	150	LDR Unbiased	5.0203	5.0452	0.0249

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	5.0007	5.0101	5.0195	0.013294	5.0064	5.0114	5.0163	0.0070004	-0.0131	0.00125	0.0156	0.020294
3	4.9991	5.015	5.0281	0.0090558	5	5.016	5.0277	0.0086461	-0.0004	0.0010556	0.0029	0.0011381
10	4.9991	5.015	5.0281	0.0090558	4.9987	5.0159	5.0282	0.008927	-0.0009	0.00092222	0.0032	0.001398
30	4.9903	5.0098	5.0297	0.014799	4.9901	5.0082	5.0284	0.014175	-0.005	-0.00164	0.0014	0.0023736
50	4.9903	5.0098	5.0297	0.014799	4.9881	5.0065	5.0254	0.014908	-0.0049	-0.00329	-0.0014	0.0013127
100	4.9903	5.0098	5.0297	0.014799	4.983	5.0032	5.0251	0.016156	-0.0108	-0.00664	-0.0016	0.0032115
150	4.9934	5.0124	5.0281	0.012557	4.968	5.0067	5.0452	0.022859	-0.0601	-0.00569	0.0249	0.022314

Device Test: 62.8 V_BP5H PWM 2MHz VIN_14V

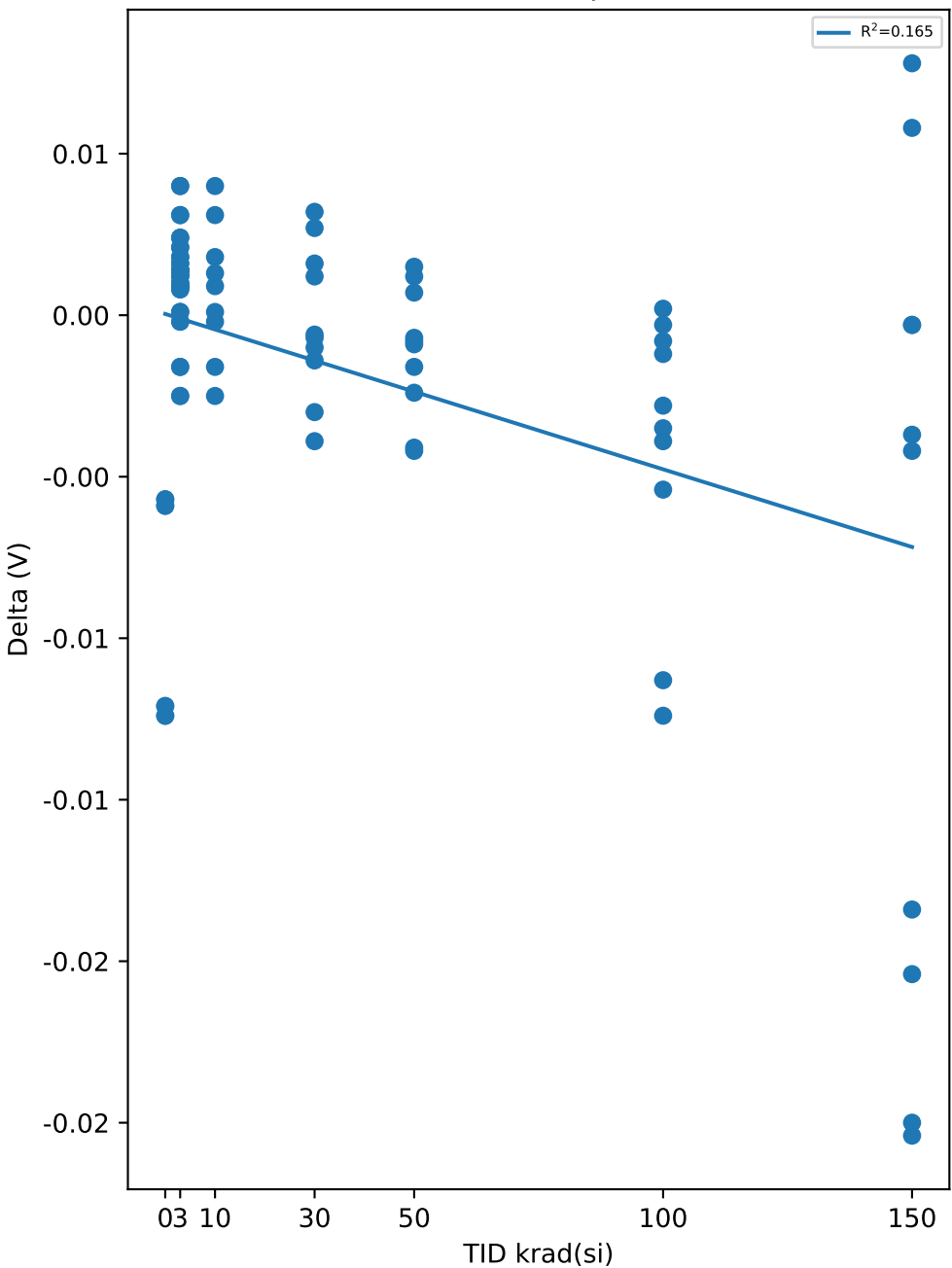
TID vs Result Stats



Test Results (Lower Limit = 4.75, Upper Limit = 5.175 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	4.9977	4.9918	-0.0059
2	0	CORRELATION	4.9981	4.9857	-0.0124
259	3	LDR Biased	5.0133	5.0142	0.0009
426	3	LDR Biased	4.9972	4.9986	0.0014
427	3	LDR Biased	4.9894	4.9904	0.001
428	3	LDR Biased	4.9836	4.9844	0.0008
429	3	LDR Unbiased	4.9862	4.9874	0.0012
430	3	LDR Unbiased	5.006	5.0084	0.0024
431	3	LDR Unbiased	5.0038	5.0059	0.0021
432	3	LDR Unbiased	4.9924	4.994	0.0016
433	3	LDR Unbiased	4.99	4.9914	0.0014
1259	10	LDR Biased	5.0133	5.0164	0.0031
1426	10	LDR Biased	4.9972	4.997	-0.0002
1427	10	LDR Biased	4.9894	4.9907	0.0013
1428	10	LDR Biased	4.9836	4.9837	0.0001
1429	10	LDR Unbiased	4.9862	4.9846	-0.0016
1430	10	LDR Unbiased	5.006	5.0078	0.0018
1431	10	LDR Unbiased	5.0038	5.0013	-0.0025
1432	10	LDR Unbiased	4.9924	4.9964	0.004
1433	10	LDR Unbiased	4.99	4.9909	0.0009
2434	30	LDR Biased	4.9969	5.0001	0.0032
2435	30	LDR Biased	5.0105	5.0099	-0.0006
2436	30	LDR Biased	4.987	4.9897	0.0027
2437	30	LDR Biased	5.019	5.016	-0.003
2438	30	LDR Biased	4.9845	4.9835	-0.001
2439	30	LDR Unbiased	4.9921	4.9914	-0.0007
2440	30	LDR Unbiased	5.0104	5.012	0.0016
2441	30	LDR Unbiased	4.9977	4.9938	-0.0039
2443	30	LDR Unbiased	4.9981	4.9967	-0.0014
2444	30	LDR Unbiased	5.019	5.0202	0.0012
3434	50	LDR Biased	4.9969	4.9981	0.0012
3435	50	LDR Biased	5.0105	5.0081	-0.0024
3436	50	LDR Biased	4.987	4.9885	0.0015
3437	50	LDR Biased	5.019	5.0148	-0.0042
3438	50	LDR Biased	4.9845	4.9836	-0.0009
3439	50	LDR Unbiased	4.9921	4.9913	-0.0008
3440	50	LDR Unbiased	5.0104	5.0088	-0.0016
3441	50	LDR Unbiased	4.9977	4.9936	-0.0041
3443	50	LDR Unbiased	4.9981	4.9974	-0.0007
3444	50	LDR Unbiased	5.019	5.0197	0.0007
4434	100	LDR Biased	4.9969	4.9971	0.0002
4435	100	LDR Biased	5.0105	5.0077	-0.0028
4436	100	LDR Biased	4.987	4.9835	-0.0035
4437	100	LDR Biased	5.019	5.0136	-0.0054
4438	100	LDR Biased	4.9845	4.9806	-0.0039
4439	100	LDR Unbiased	4.9921	4.9808	-0.0113
4440	100	LDR Unbiased	5.0104	4.998	-0.0124
4441	100	LDR Unbiased	4.9977	4.9974	-0.0003
4443	100	LDR Unbiased	4.9981	4.9969	-0.0012
4444	100	LDR Unbiased	5.019	5.0182	-0.0008
4500	150	LDR Biased	5.0015	4.9831	-0.0184
4501	150	LDR Biased	4.9999	4.9962	-0.0037
4502	150	LDR Biased	5.0168	5.0126	-0.0042
4503	150	LDR Biased	5.0017	5.0014	-0.0003
4504	150	LDR Biased	5.0134	4.993	-0.0204
4505	150	LDR Unbiased	5.0222	4.9972	-0.025
4506	150	LDR Unbiased	5.015	4.9896	-0.0254
4507	150	LDR Unbiased	5.0211	5.0208	-0.0003
4508	150	LDR Unbiased	5.0193	5.0271	0.0078
4509	150	LDR Unbiased	4.991	4.9968	0.0058

TID vs Post - Pre Exposure Delta

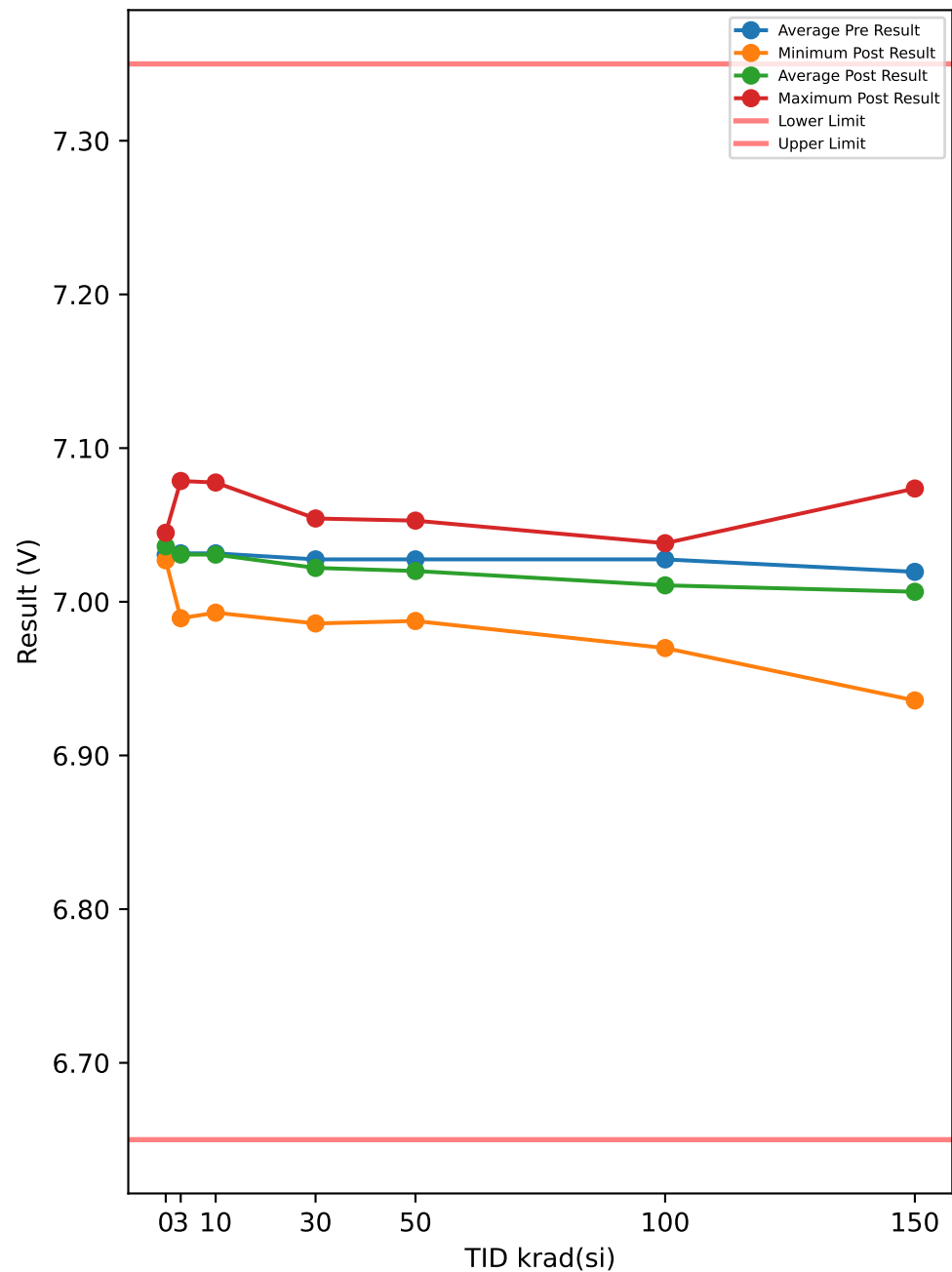


Test Statistics (V)

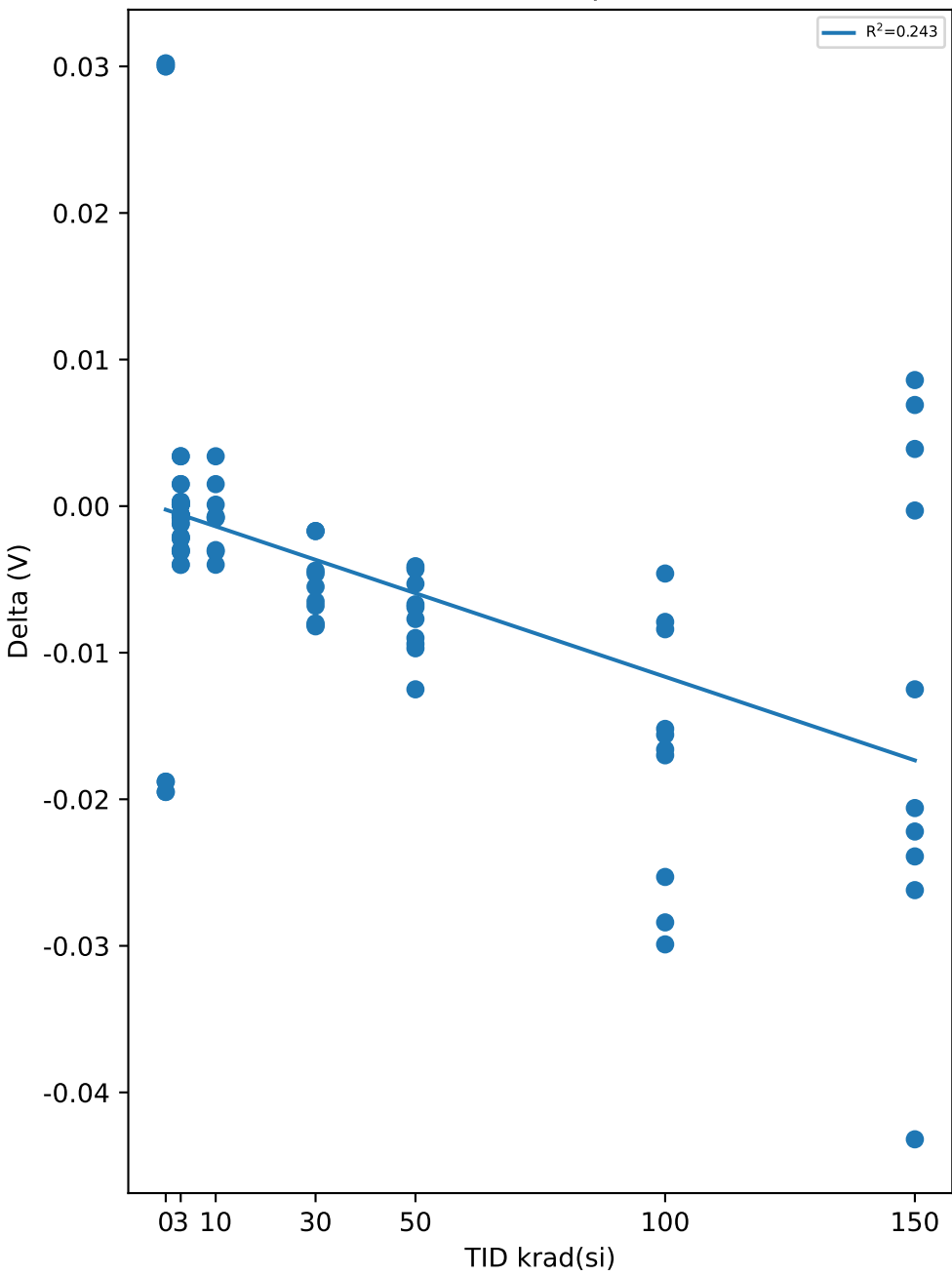
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	4.9977	4.9979	4.9981	0.00028284	4.9857	4.9887	4.9918	0.0043134	-0.0124	-0.00915	-0.0059	0.0045962
3	4.9836	4.9958	5.0133	0.010021	4.9844	4.9972	5.0142	0.01026	0.0008	0.0014222	0.0024	0.00054032
10	4.9836	4.9958	5.0133	0.010021	4.9837	4.9965	5.0164	0.010709	-0.0025	0.00076667	0.004	0.0020893
30	4.9845	5.0015	5.019	0.012505	4.9835	5.0013	5.0202	0.012428	-0.0039	-0.00019	0.0032	0.0023378
50	4.9845	5.0015	5.019	0.012505	4.9836	5.0004	5.0197	0.011911	-0.0042	-0.00113	0.0015	0.0020034
100	4.9845	5.0015	5.019	0.012505	4.9806	4.9974	5.0182	0.013136	-0.0124	-0.00414	0.0002	0.0044313
150	4.991	5.0102	5.0222	0.010776	4.9831	5.0018	5.0271	0.014029	-0.0254	-0.00841	0.0078	0.012665

Device Test: 62.9 V_BP7L PWM 5MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.65, Upper Limit = 7.35 (V))

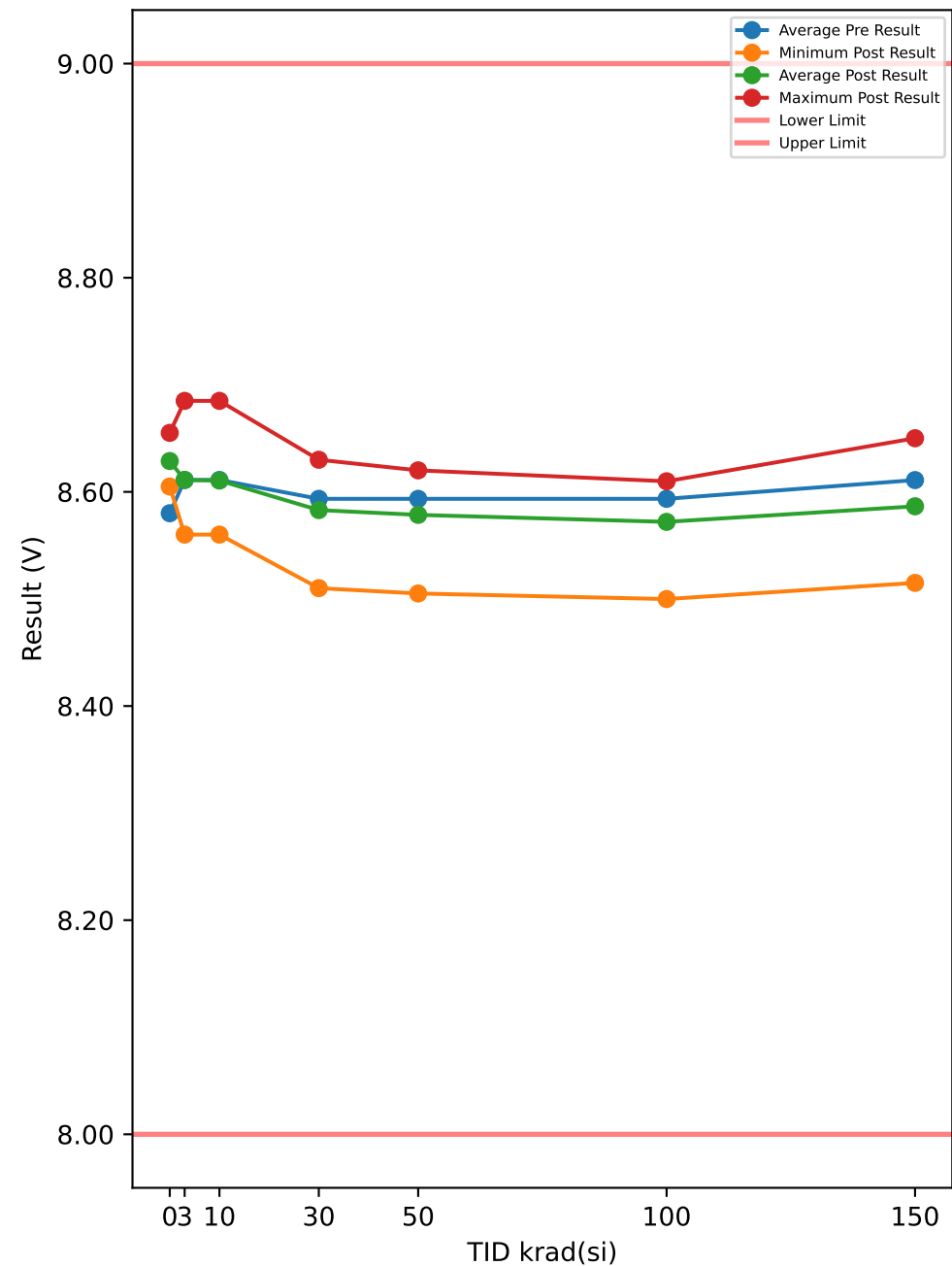
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.0465	7.027	-0.0195
2	0	CORRELATION	7.0147	7.0447	0.03
259	3	LDR Biased	7.0784	7.0786	0.0002
426	3	LDR Biased	7.0163	7.0157	-0.0006
427	3	LDR Biased	7.056	7.0561	0.0001
428	3	LDR Biased	7.0402	7.0396	-0.0006
429	3	LDR Unbiased	7.0355	7.0343	-0.0012
430	3	LDR Unbiased	7.0076	7.007	-0.0006
431	3	LDR Unbiased	6.9914	6.9893	-0.0021
432	3	LDR Unbiased	7.0371	7.0349	-0.0022
433	3	LDR Unbiased	7.0211	7.0214	0.0003
1259	10	LDR Biased	7.0784	7.0776	-0.0008
1426	10	LDR Biased	7.0163	7.0156	-0.0007
1427	10	LDR Biased	7.056	7.053	-0.003
1428	10	LDR Biased	7.0402	7.0403	0.0001
1429	10	LDR Unbiased	7.0355	7.0347	-0.0008
1430	10	LDR Unbiased	7.0076	7.0045	-0.0031
1431	10	LDR Unbiased	6.9914	6.9929	0.0015
1432	10	LDR Unbiased	7.0371	7.0331	-0.004
1433	10	LDR Unbiased	7.0211	7.0245	0.0034
2434	30	LDR Biased	7.0067	7.005	-0.0017
2435	30	LDR Biased	7.0381	7.0301	-0.008
2436	30	LDR Biased	7.0597	7.0542	-0.0055
2437	30	LDR Biased	7.0458	7.0441	-0.0017
2438	30	LDR Biased	7.0529	7.0447	-0.0082
2439	30	LDR Unbiased	6.9927	6.9859	-0.0068
2440	30	LDR Unbiased	6.9952	6.9908	-0.0044
2441	30	LDR Unbiased	7.0465	7.0384	-0.0081
2443	30	LDR Unbiased	7.0147	7.0101	-0.0046
2444	30	LDR Unbiased	7.0236	7.0171	-0.0065
3434	50	LDR Biased	7.0067	6.9977	-0.009
3435	50	LDR Biased	7.0381	7.0284	-0.0097
3436	50	LDR Biased	7.0597	7.0528	-0.0069
3437	50	LDR Biased	7.0458	7.0415	-0.0043
3438	50	LDR Biased	7.0529	7.0404	-0.0125
3439	50	LDR Unbiased	6.9927	6.9886	-0.0041
3440	50	LDR Unbiased	6.9952	6.9875	-0.0077
3441	50	LDR Unbiased	7.0465	7.0398	-0.0067
3443	50	LDR Unbiased	7.0147	7.0094	-0.0053
3444	50	LDR Unbiased	7.0236	7.0142	-0.0094
4434	100	LDR Biased	7.0067	6.9901	-0.0166
4435	100	LDR Biased	7.0381	7.0229	-0.0152
4436	100	LDR Biased	7.0597	7.0313	-0.0284
4437	100	LDR Biased	7.0458	7.0302	-0.0156
4438	100	LDR Biased	7.0529	7.023	-0.0299
4439	100	LDR Unbiased	6.9927	6.9848	-0.0079
4440	100	LDR Unbiased	6.9952	6.9699	-0.0253
4441	100	LDR Unbiased	7.0465	7.0381	-0.0084
4443	100	LDR Unbiased	7.0147	7.0101	-0.0046
4444	100	LDR Unbiased	7.0236	7.0066	-0.017
4500	150	LDR Biased	7.0335	7.0073	-0.0262
4501	150	LDR Biased	7.0006	7.0075	0.0069
4502	150	LDR Biased	6.9867	6.9661	-0.0206
4503	150	LDR Biased	7.0461	7.05	0.0039
4504	150	LDR Biased	6.9597	6.9358	-0.0239
4505	150	LDR Unbiased	7.001	7.0007	-0.0003
4506	150	LDR Unbiased	7.029	7.0068	-0.0222
4507	150	LDR Unbiased	7.0862	7.0737	-0.0125
4508	150	LDR Unbiased	7.0176	6.9744	-0.0432
4509	150	LDR Unbiased	7.0344	7.043	0.0086

Test Statistics (V)

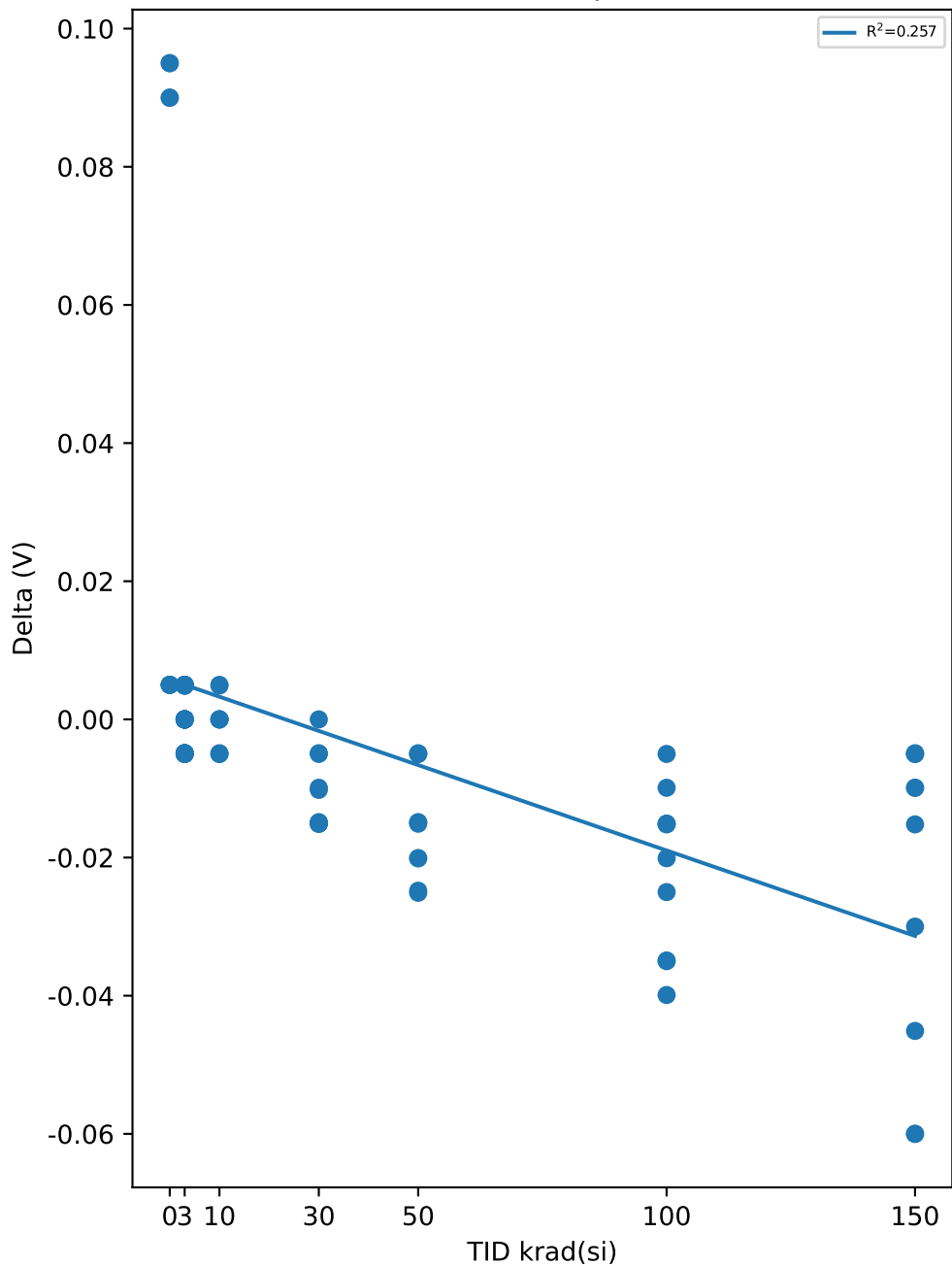
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0147	7.0306	7.0465	0.022486	7.027	7.0358	7.0447	0.012516	-0.0195	0.00525	0.03	0.035002
3	6.9914	7.0315	7.0784	0.02608	6.9893	7.0308	7.0786	0.026544	-0.0022	-0.00074444	0.0003	0.0009302
10	6.9914	7.0315	7.0784	0.02608	6.9929	7.0307	7.0776	0.025477	-0.004	-0.00082222	0.0034	0.0023483
30	6.9927	7.0276	7.0597	0.024395	6.9859	7.022	7.0542	0.02382	-0.0082	-0.00555	-0.0017	0.0024464
50	6.9927	7.0276	7.0597	0.024395	6.9875	7.02	7.0528	0.02381	-0.0125	-0.00756	-0.0041	0.002653
100	6.9927	7.0276	7.0597	0.024395	6.9699	7.0107	7.0381	0.022687	-0.0299	-0.01689	-0.0046	0.0086988
150	6.9597	7.0195	7.0862	0.034992	6.9358	7.0065	7.0737	0.041415	-0.0432	-0.01295	0.0086	0.017183

Device Test: 70.0 UVLO VIN Rise Thresh

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 8.0, Upper Limit = 9.0 (V))

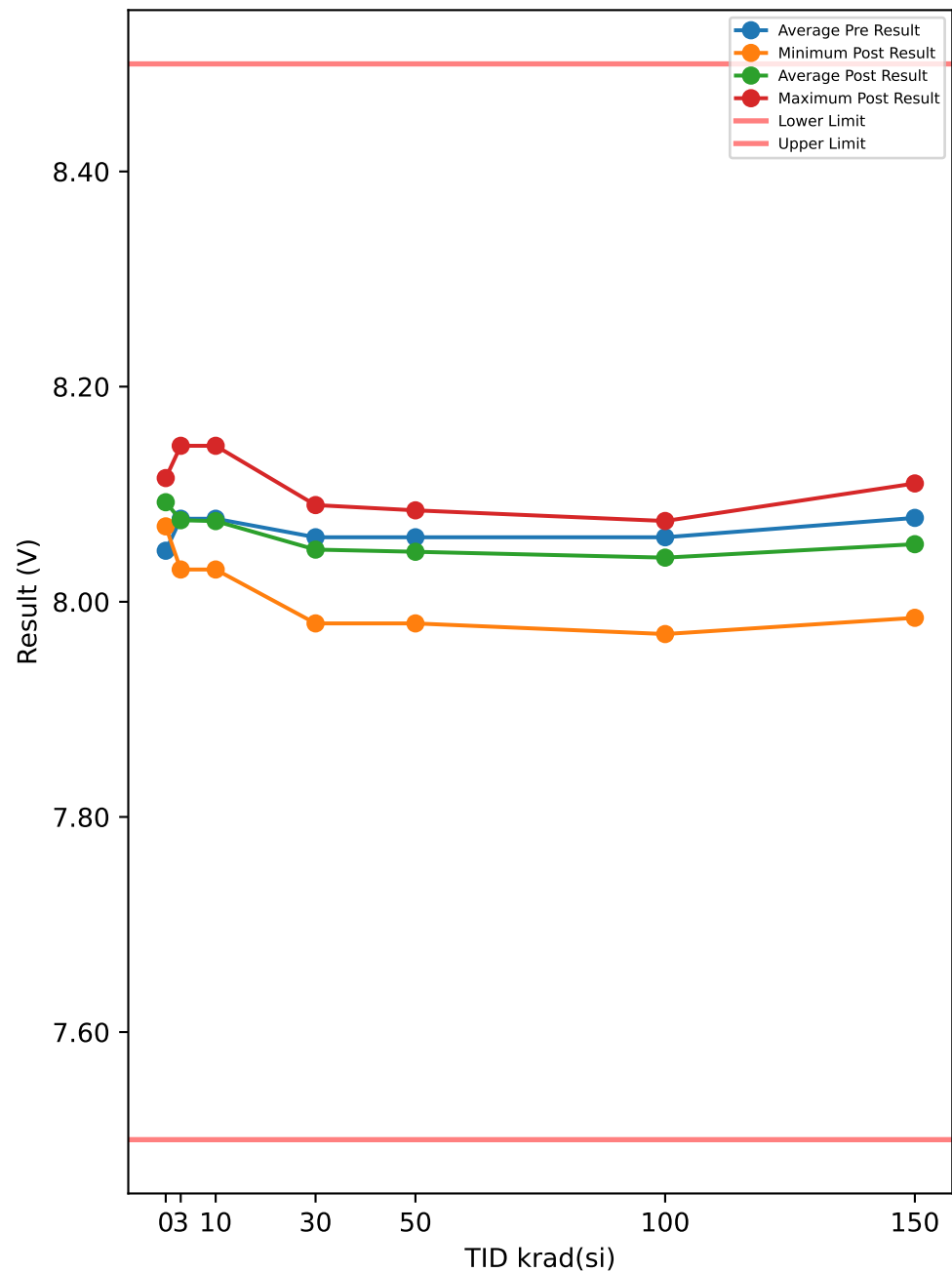
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	8.5601	8.6501	0.09
2	0	CORRELATION	8.6	8.605	0.005
259	3	LDR Biased	8.5651	8.57	0.0049
426	3	LDR Biased	8.575	8.575	0
427	3	LDR Biased	8.6449	8.6449	0
428	3	LDR Biased	8.685	8.6801	-0.0049
429	3	LDR Unbiased	8.6	8.5951	-0.0049
430	3	LDR Unbiased	8.63	8.635	0.005
431	3	LDR Unbiased	8.575	8.575	0
432	3	LDR Unbiased	8.575	8.575	0
433	3	LDR Unbiased	8.6501	8.6551	0.005
1259	10	LDR Biased	8.5651	8.5601	-0.005
1426	10	LDR Biased	8.575	8.575	0
1427	10	LDR Biased	8.6449	8.6399	-0.005
1428	10	LDR Biased	8.685	8.685	0
1429	10	LDR Unbiased	8.6	8.5951	-0.0049
1430	10	LDR Unbiased	8.63	8.63	0
1431	10	LDR Unbiased	8.575	8.5799	0.0049
1432	10	LDR Unbiased	8.575	8.575	0
1433	10	LDR Unbiased	8.6501	8.6551	0.005
2434	30	LDR Biased	8.52	8.5101	-0.0099
2435	30	LDR Biased	8.6449	8.63	-0.0149
2436	30	LDR Biased	8.605	8.5901	-0.0149
2437	30	LDR Biased	8.6	8.5849	-0.0151
2438	30	LDR Biased	8.6149	8.6149	0
2439	30	LDR Unbiased	8.5951	8.5901	-0.005
2440	30	LDR Unbiased	8.6251	8.6149	-0.0102
2441	30	LDR Unbiased	8.5601	8.545	-0.0151
2443	30	LDR Unbiased	8.6	8.5849	-0.0151
2444	30	LDR Unbiased	8.57	8.5651	-0.0049
3434	50	LDR Biased	8.52	8.5051	-0.0149
3435	50	LDR Biased	8.6449	8.6201	-0.0248
3436	50	LDR Biased	8.605	8.5901	-0.0149
3437	50	LDR Biased	8.6	8.5799	-0.0201
3438	50	LDR Biased	8.6149	8.6099	-0.005
3439	50	LDR Unbiased	8.5951	8.5901	-0.005
3440	50	LDR Unbiased	8.6251	8.6	-0.0251
3441	50	LDR Unbiased	8.5601	8.545	-0.0151
3443	50	LDR Unbiased	8.6	8.5799	-0.0201
3444	50	LDR Unbiased	8.57	8.5651	-0.0049
4434	100	LDR Biased	8.52	8.4999	-0.0201
4435	100	LDR Biased	8.6449	8.605	-0.0399
4436	100	LDR Biased	8.605	8.57	-0.035
4437	100	LDR Biased	8.6	8.5651	-0.0349
4438	100	LDR Biased	8.6149	8.605	-0.0099
4439	100	LDR Unbiased	8.5951	8.5901	-0.005
4440	100	LDR Unbiased	8.6251	8.6099	-0.0152
4441	100	LDR Unbiased	8.5601	8.545	-0.0151
4443	100	LDR Unbiased	8.6	8.575	-0.025
4444	100	LDR Unbiased	8.57	8.5549	-0.0151
4500	150	LDR Biased	8.5951	8.5351	-0.06
4501	150	LDR Biased	8.5951	8.5799	-0.0152
4502	150	LDR Biased	8.605	8.545	-0.06
4503	150	LDR Biased	8.6149	8.605	-0.0099
4504	150	LDR Biased	8.5601	8.515	-0.0451
4505	150	LDR Unbiased	8.635	8.6251	-0.0099
4506	150	LDR Unbiased	8.5499	8.545	-0.0049
4507	150	LDR Unbiased	8.6551	8.6501	-0.005
4508	150	LDR Unbiased	8.6449	8.6399	-0.005
4509	150	LDR Unbiased	8.6551	8.6251	-0.03

Test Statistics (V)

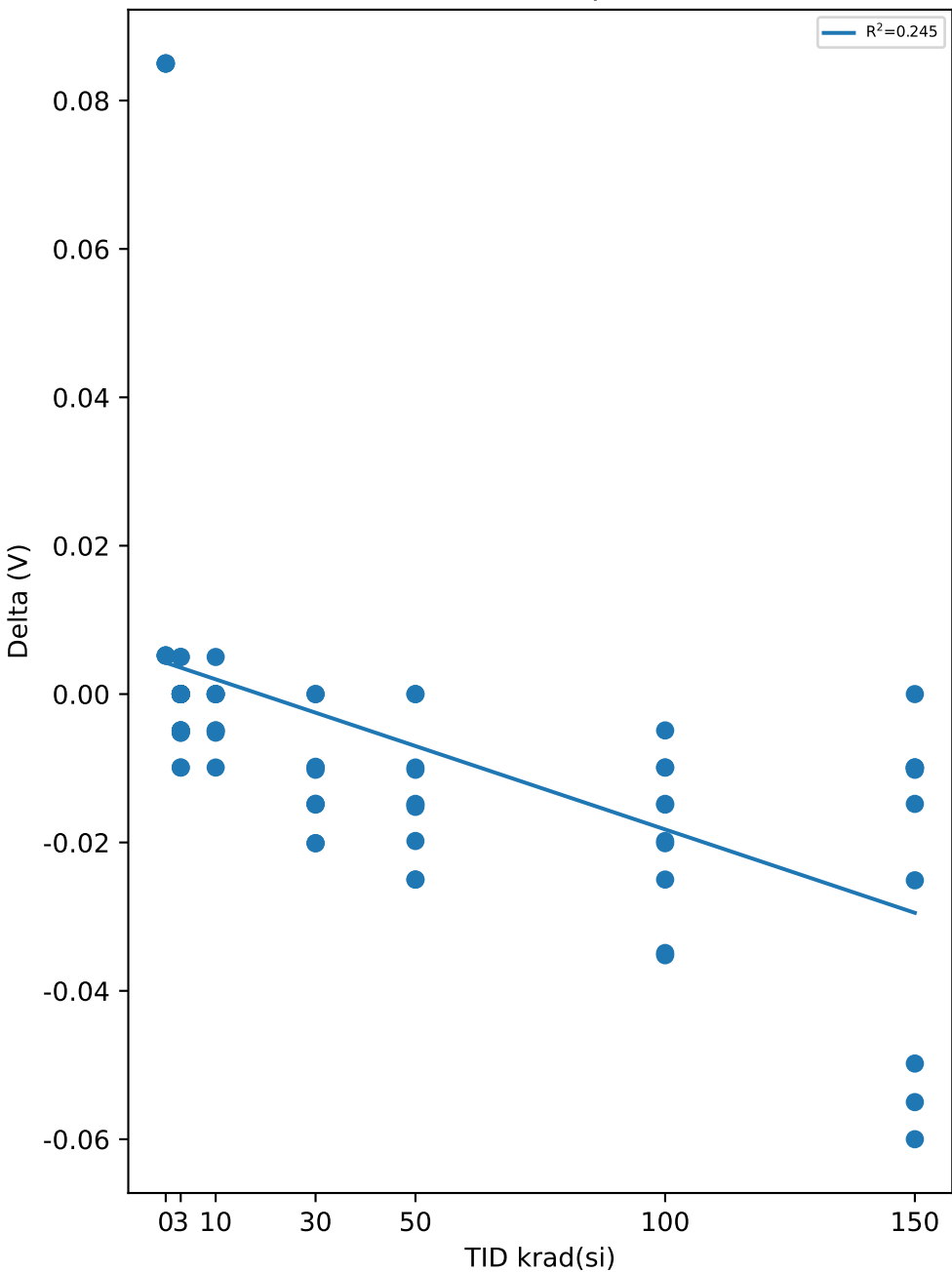
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.5601	8.58	8.6	0.028214	8.605	8.6275	8.6501	0.031891	0.005	0.0475	0.09	0.060104
3	8.5651	8.6111	8.685	0.042765	8.57	8.6117	8.6801	0.042223	-0.0049	0.00056667	0.005	0.0038591
10	8.5651	8.6111	8.685	0.042765	8.5601	8.6106	8.685	0.043327	-0.005	-0.00055556	0.005	0.0038769
30	8.52	8.5935	8.6449	0.035571	8.5101	8.583	8.63	0.035639	-0.0151	-0.01051	0	0.0055228
50	8.52	8.5935	8.6449	0.035571	8.5051	8.5785	8.6201	0.033568	-0.0251	-0.01499	-0.0049	0.0078323
100	8.52	8.5935	8.6449	0.035571	8.4999	8.572	8.6099	0.033702	-0.0399	-0.02152	-0.005	0.011752
150	8.5499	8.611	8.6551	0.037261	8.515	8.5865	8.6501	0.048832	-0.06	-0.0245	-0.0049	0.022688

Device Test: 70.1 UVLO VIN Fall Thresh

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 7.5, Upper Limit = 8.5 (V))

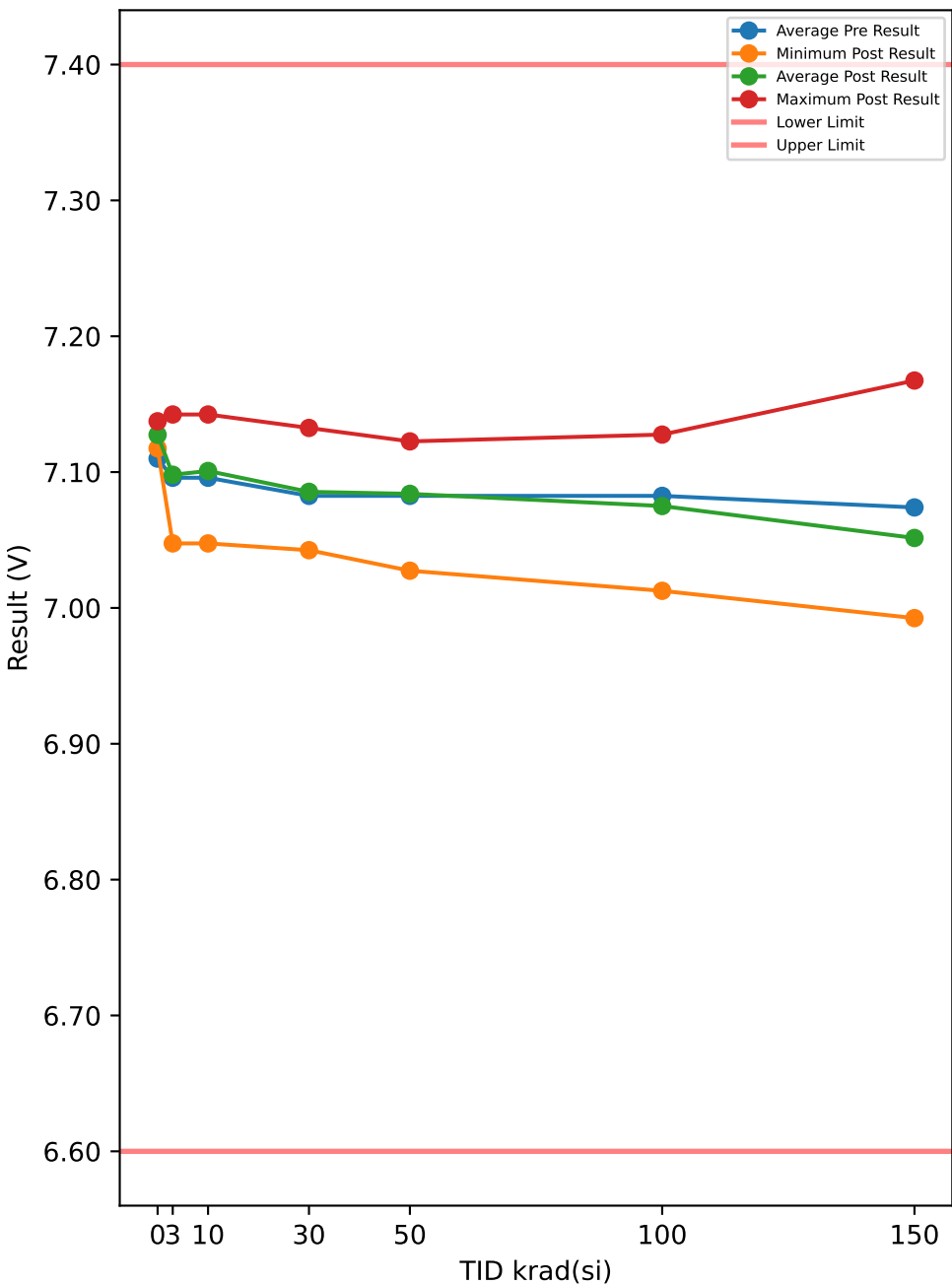
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	8.03	8.115	0.085
2	0	CORRELATION	8.0649	8.0701	0.0052
259	3	LDR Biased	8.0349	8.0349	0
426	3	LDR Biased	8.0399	8.0399	0
427	3	LDR Biased	8.11	8.11	0
428	3	LDR Biased	8.145	8.14	-0.005
429	3	LDR Unbiased	8.0649	8.0649	0
430	3	LDR Unbiased	8.1001	8.1001	0
431	3	LDR Unbiased	8.0451	8.0451	0
432	3	LDR Unbiased	8.0399	8.0399	0
433	3	LDR Unbiased	8.115	8.115	0
1259	10	LDR Biased	8.0349	8.03	-0.0049
1426	10	LDR Biased	8.0399	8.0399	0
1427	10	LDR Biased	8.11	8.1051	-0.0049
1428	10	LDR Biased	8.145	8.145	0
1429	10	LDR Unbiased	8.0649	8.055	-0.0099
1430	10	LDR Unbiased	8.1001	8.0949	-0.0052
1431	10	LDR Unbiased	8.0451	8.0501	0.005
1432	10	LDR Unbiased	8.0399	8.0399	0
1433	10	LDR Unbiased	8.115	8.115	0
2434	30	LDR Biased	7.9901	7.9799	-0.0102
2435	30	LDR Biased	8.11	8.0899	-0.0201
2436	30	LDR Biased	8.0751	8.055	-0.0201
2437	30	LDR Biased	8.0599	8.0501	-0.0098
2438	30	LDR Biased	8.08	8.08	0
2439	30	LDR Unbiased	8.0599	8.0599	0
2440	30	LDR Unbiased	8.0899	8.0751	-0.0148
2441	30	LDR Unbiased	8.03	8.0151	-0.0149
2443	30	LDR Unbiased	8.0649	8.0501	-0.0148
2444	30	LDR Unbiased	8.0399	8.03	-0.0099
3434	50	LDR Biased	7.9901	7.9799	-0.0102
3435	50	LDR Biased	8.11	8.085	-0.025
3436	50	LDR Biased	8.0751	8.0599	-0.0152
3437	50	LDR Biased	8.0599	8.0451	-0.0148
3438	50	LDR Biased	8.08	8.08	0
3439	50	LDR Unbiased	8.0599	8.0599	0
3440	50	LDR Unbiased	8.0899	8.0649	-0.025
3441	50	LDR Unbiased	8.03	8.0151	-0.0149
3443	50	LDR Unbiased	8.0649	8.0451	-0.0198
3444	50	LDR Unbiased	8.0399	8.03	-0.0099
4434	100	LDR Biased	7.9901	7.97	-0.0201
4435	100	LDR Biased	8.11	8.0751	-0.0349
4436	100	LDR Biased	8.0751	8.0399	-0.0352
4437	100	LDR Biased	8.0599	8.0349	-0.025
4438	100	LDR Biased	8.08	8.0701	-0.0099
4439	100	LDR Unbiased	8.0599	8.055	-0.0049
4440	100	LDR Unbiased	8.0899	8.0751	-0.0148
4441	100	LDR Unbiased	8.03	8.0151	-0.0149
4443	100	LDR Unbiased	8.0649	8.0451	-0.0198
4444	100	LDR Unbiased	8.0399	8.03	-0.0099
4500	150	LDR Biased	8.0599	8.0049	-0.055
4501	150	LDR Biased	8.0649	8.0501	-0.0148
4502	150	LDR Biased	8.0751	8.0151	-0.06
4503	150	LDR Biased	8.08	8.0701	-0.0099
4504	150	LDR Biased	8.0349	7.9851	-0.0498
4505	150	LDR Unbiased	8.1001	8.0899	-0.0102
4506	150	LDR Unbiased	8.0201	8.0201	0
4507	150	LDR Unbiased	8.1199	8.11	-0.0099
4508	150	LDR Unbiased	8.11	8.1001	-0.0099
4509	150	LDR Unbiased	8.115	8.0899	-0.0251

Test Statistics (V)

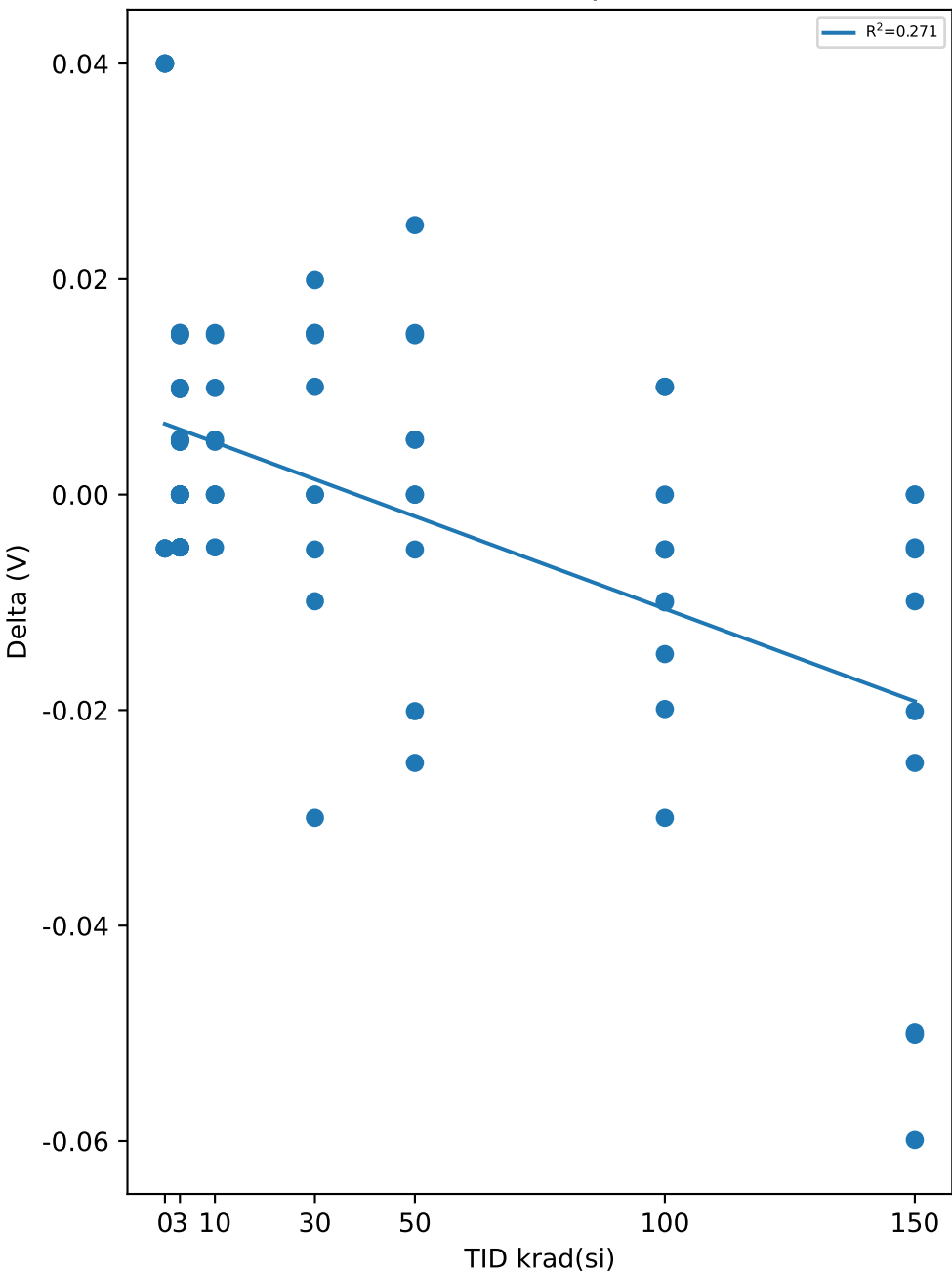
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.03	8.0474	8.0649	0.024678	8.0701	8.0925	8.115	0.031749	0.0052	0.0451	0.085	0.056427
3	8.0349	8.0772	8.145	0.040895	8.0349	8.0766	8.14	0.039881	-0.005	-0.00055556	0	0.0016667
10	8.0349	8.0772	8.145	0.040895	8.03	8.075	8.145	0.040791	-0.0099	-0.0022111	0.005	0.0043885
30	7.9901	8.06	8.11	0.033724	7.9799	8.0485	8.0899	0.032922	-0.0201	-0.01146	0	0.0070937
50	7.9901	8.06	8.11	0.033724	7.9799	8.0465	8.085	0.031623	-0.025	-0.01348	0	0.0088133
100	7.9901	8.06	8.11	0.033724	7.97	8.041	8.0751	0.03207	-0.0352	-0.01894	-0.0049	0.010285
150	8.0201	8.078	8.1199	0.033926	7.9851	8.0535	8.11	0.044636	-0.06	-0.02446	0	0.022033

Device Test: 75.0 UVLO BOOT Rise Thresh

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.6, Upper Limit = 7.4 (V))

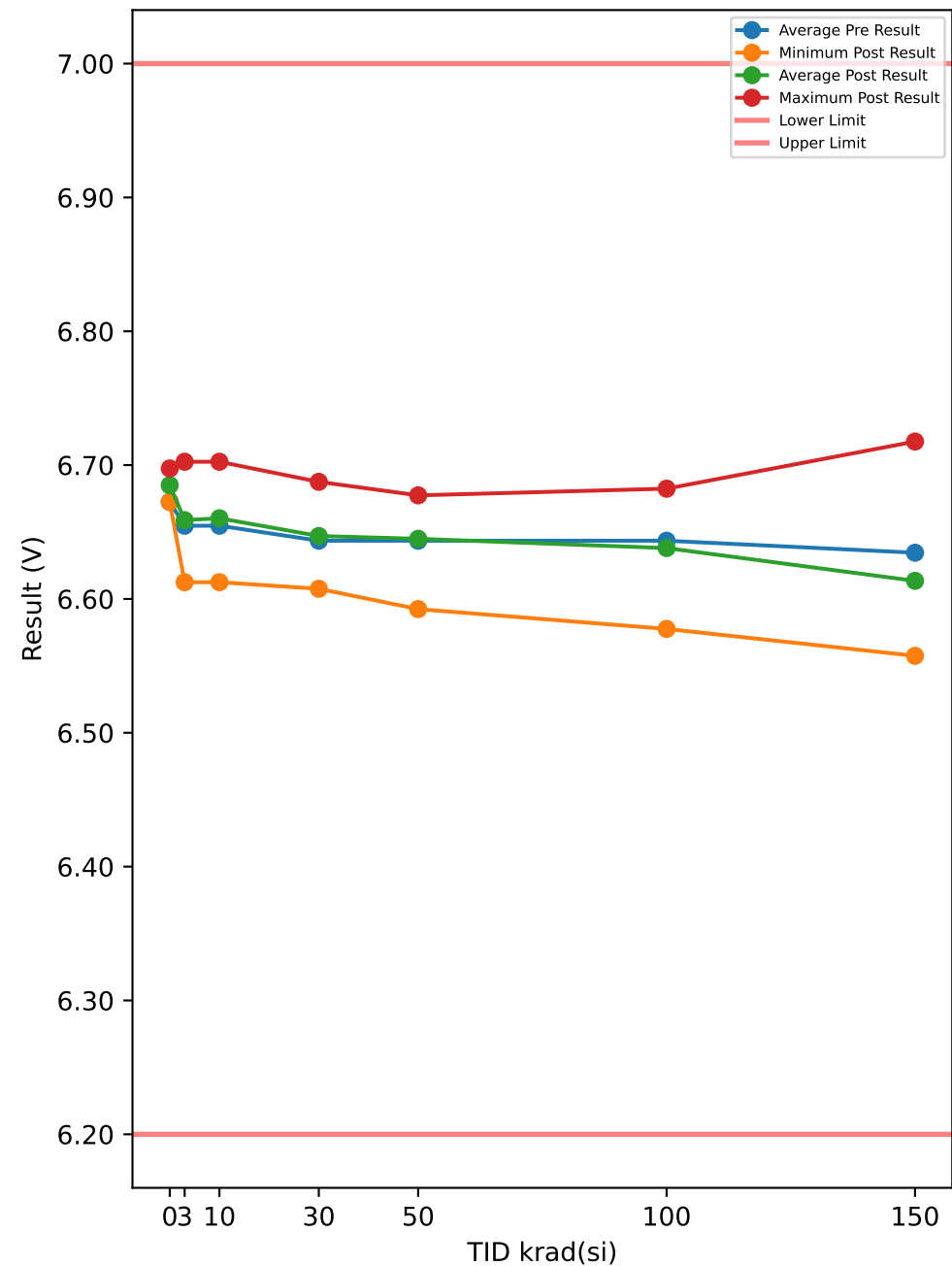
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	7.1424	7.1374	-0.005
2	0	CORRELATION	7.0775	7.1175	0.04
259	3	LDR Biased	7.0875	7.0926	0.0051
426	3	LDR Biased	7.1325	7.1276	-0.0049
427	3	LDR Biased	7.1325	7.1276	-0.0049
428	3	LDR Biased	7.1276	7.1374	0.0098
429	3	LDR Unbiased	7.0824	7.0775	-0.0049
430	3	LDR Unbiased	7.0524	7.0475	-0.0049
431	3	LDR Unbiased	7.0625	7.0625	0
432	3	LDR Unbiased	7.1226	7.1226	0
433	3	LDR Unbiased	7.0625	7.0625	0
1259	10	LDR Biased	7.0875	7.1025	0.015
1426	10	LDR Biased	7.1325	7.1374	0.0049
1427	10	LDR Biased	7.1325	7.1424	0.0099
1428	10	LDR Biased	7.1276	7.1424	0.0148
1429	10	LDR Unbiased	7.0824	7.0824	0
1430	10	LDR Unbiased	7.0524	7.0475	-0.0049
1431	10	LDR Unbiased	7.0625	7.0625	0
1432	10	LDR Unbiased	7.1226	7.1226	0
1433	10	LDR Unbiased	7.0625	7.0676	0.0051
2434	30	LDR Biased	7.0725	7.0875	0.015
2435	30	LDR Biased	7.0325	7.0425	0.01
2436	30	LDR Biased	7.1175	7.1325	0.015
2437	30	LDR Biased	7.0625	7.0824	0.0199
2438	30	LDR Biased	7.0676	7.0824	0.0148
2439	30	LDR Unbiased	7.0875	7.0875	0
2440	30	LDR Unbiased	7.0875	7.0824	-0.0051
2441	30	LDR Unbiased	7.1424	7.1325	-0.0099
2443	30	LDR Unbiased	7.0775	7.0775	0
2444	30	LDR Unbiased	7.0775	7.0475	-0.03
3434	50	LDR Biased	7.0725	7.0875	0.015
3435	50	LDR Biased	7.0325	7.0274	-0.0051
3436	50	LDR Biased	7.1175	7.1226	0.0051
3437	50	LDR Biased	7.0625	7.0875	0.025
3438	50	LDR Biased	7.0676	7.0824	0.0148
3439	50	LDR Unbiased	7.0875	7.0926	0.0051
3440	50	LDR Unbiased	7.0875	7.0875	0
3441	50	LDR Unbiased	7.1424	7.1175	-0.0249
3443	50	LDR Unbiased	7.0775	7.0775	0
3444	50	LDR Unbiased	7.0775	7.0574	-0.0201
4434	100	LDR Biased	7.0725	7.0625	-0.01
4435	100	LDR Biased	7.0325	7.0126	-0.0199
4436	100	LDR Biased	7.1175	7.0875	-0.03
4437	100	LDR Biased	7.0625	7.0725	0.01
4438	100	LDR Biased	7.0676	7.0625	-0.0051
4439	100	LDR Unbiased	7.0875	7.0875	0
4440	100	LDR Unbiased	7.0875	7.0824	-0.0051
4441	100	LDR Unbiased	7.1424	7.1276	-0.0148
4443	100	LDR Unbiased	7.0775	7.0875	0.01
4444	100	LDR Unbiased	7.0775	7.0676	-0.0099
4500	150	LDR Biased	7.0475	6.9974	-0.0501
4501	150	LDR Biased	7.0676	7.0475	-0.0201
4502	150	LDR Biased	7.0524	7.0025	-0.0499
4503	150	LDR Biased	7.0475	7.0376	-0.0099
4504	150	LDR Biased	7.0524	6.9925	-0.0599
4505	150	LDR Unbiased	7.0676	7.0625	-0.0051
4506	150	LDR Unbiased	7.1025	7.0976	-0.0049
4507	150	LDR Unbiased	7.1674	7.1674	0
4508	150	LDR Unbiased	7.0775	7.0775	0
4509	150	LDR Unbiased	7.0574	7.0325	-0.0249

Test Statistics (V)

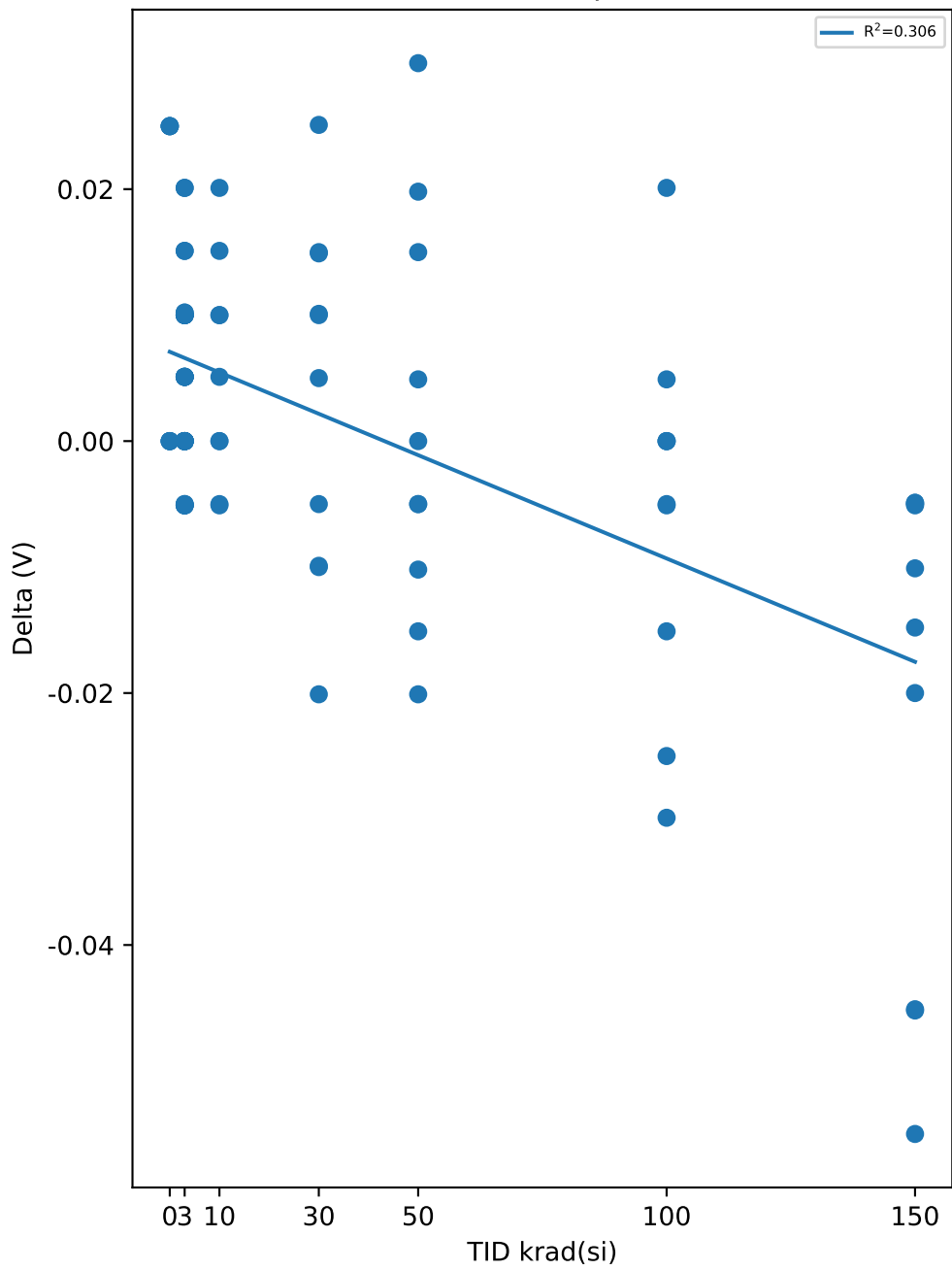
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0775	7.1099	7.1424	0.045891	7.1175	7.1274	7.1374	0.014071	-0.005	0.0175	0.04	0.03182
3	7.0524	7.0958	7.1325	0.033115	7.0475	7.0953	7.1374	0.034214	-0.0049	-0.00052222	0.0098	0.0051918
10	7.0524	7.0958	7.1325	0.033115	7.0475	7.1008	7.1424	0.037127	-0.0049	0.0049778	0.015	0.0070096
30	7.0325	7.0825	7.1424	0.030065	7.0425	7.0855	7.1325	0.029462	-0.03	0.00297	0.0199	0.015278
50	7.0325	7.0825	7.1424	0.030065	7.0274	7.084	7.1226	0.027241	-0.0249	0.00149	0.025	0.015452
100	7.0325	7.0825	7.1424	0.030065	7.0126	7.075	7.1276	0.028978	-0.03	-0.00748	0.01	0.012497
150	7.0475	7.074	7.1674	0.036883	6.9925	7.0515	7.1674	0.053473	-0.0599	-0.02248	0	0.022868

Device Test: 75.1 UVLO BOOT Fall Thresh

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.2, Upper Limit = 7.0 (V))

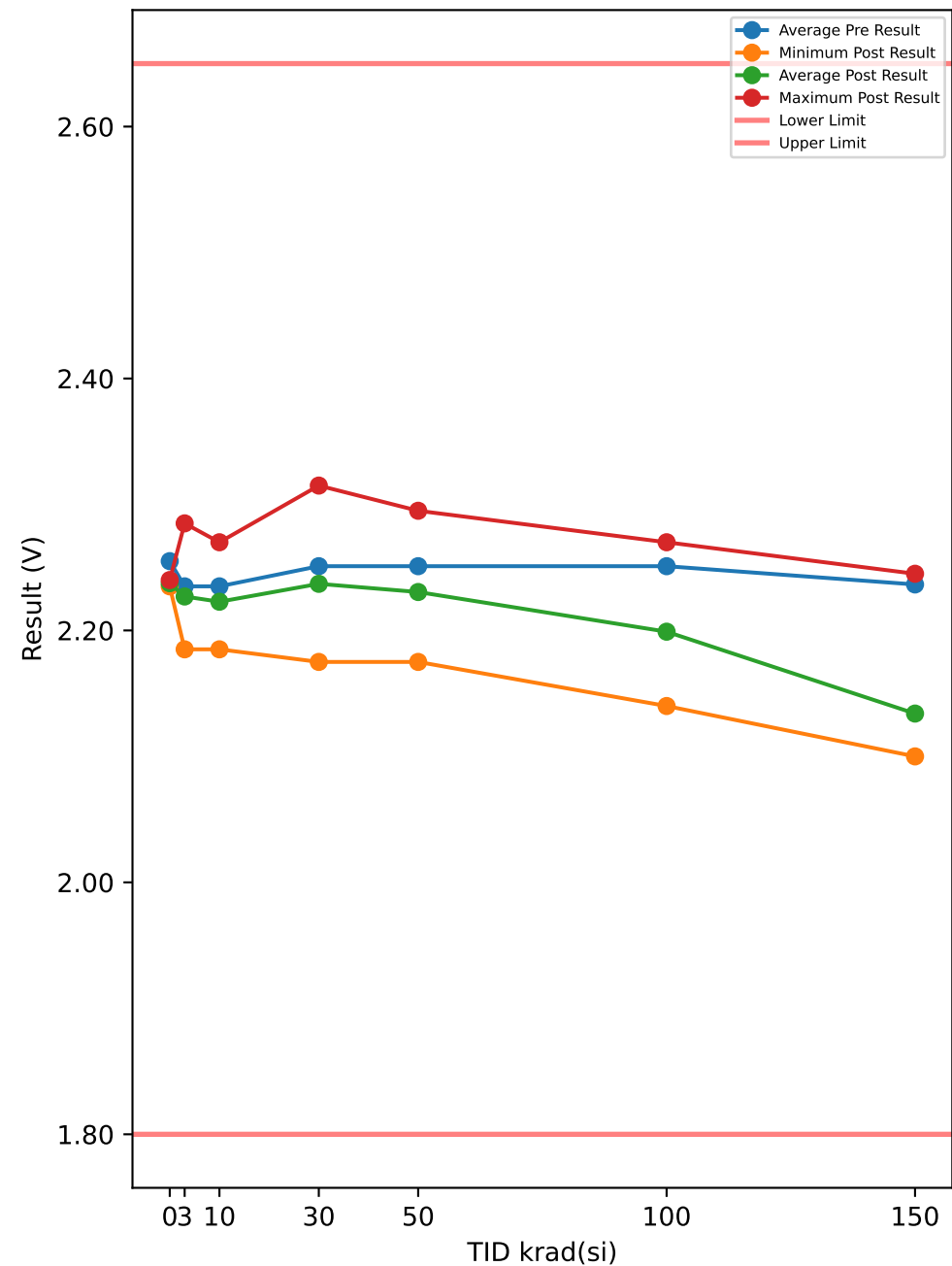
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	6.6975	6.6975	0
2	0	CORRELATION	6.6475	6.6725	0.025
259	3	LDR Biased	6.6475	6.6575	0.01
426	3	LDR Biased	6.6875	6.6926	0.0051
427	3	LDR Biased	6.6875	6.6824	-0.0051
428	3	LDR Biased	6.6824	6.6926	0.0102
429	3	LDR Unbiased	6.6376	6.6376	0
430	3	LDR Unbiased	6.6175	6.6175	0
431	3	LDR Unbiased	6.6275	6.6275	0
432	3	LDR Unbiased	6.6824	6.6875	0.0051
433	3	LDR Unbiased	6.6224	6.6224	0
1259	10	LDR Biased	6.6475	6.6626	0.0151
1426	10	LDR Biased	6.6875	6.6975	0.01
1427	10	LDR Biased	6.6875	6.6975	0.01
1428	10	LDR Biased	6.6824	6.7025	0.0201
1429	10	LDR Unbiased	6.6376	6.6376	0
1430	10	LDR Unbiased	6.6175	6.6125	-0.005
1431	10	LDR Unbiased	6.6275	6.6224	-0.0051
1432	10	LDR Unbiased	6.6824	6.6824	0
1433	10	LDR Unbiased	6.6224	6.6275	0.0051
2434	30	LDR Biased	6.6326	6.6475	0.0149
2435	30	LDR Biased	6.6026	6.6076	0.005
2436	30	LDR Biased	6.6774	6.6875	0.0101
2437	30	LDR Biased	6.6224	6.6475	0.0251
2438	30	LDR Biased	6.6275	6.6425	0.015
2439	30	LDR Unbiased	6.6475	6.6575	0.01
2440	30	LDR Unbiased	6.6475	6.6376	-0.0099
2441	30	LDR Unbiased	6.6975	6.6875	-0.01
2443	30	LDR Unbiased	6.6475	6.6425	-0.005
2444	30	LDR Unbiased	6.6326	6.6125	-0.0201
3434	50	LDR Biased	6.6326	6.6524	0.0198
3435	50	LDR Biased	6.6026	6.5924	-0.0102
3436	50	LDR Biased	6.6774	6.6774	0
3437	50	LDR Biased	6.6224	6.6524	0.03
3438	50	LDR Biased	6.6275	6.6425	0.015
3439	50	LDR Unbiased	6.6475	6.6524	0.0049
3440	50	LDR Unbiased	6.6475	6.6425	-0.005
3441	50	LDR Unbiased	6.6975	6.6774	-0.0201
3443	50	LDR Unbiased	6.6475	6.6425	-0.005
3444	50	LDR Unbiased	6.6326	6.6175	-0.0151
4434	100	LDR Biased	6.6326	6.6326	0
4435	100	LDR Biased	6.6026	6.5776	-0.025
4436	100	LDR Biased	6.6774	6.6475	-0.0299
4437	100	LDR Biased	6.6224	6.6425	0.0201
4438	100	LDR Biased	6.6275	6.6275	0
4439	100	LDR Unbiased	6.6475	6.6524	0.0049
4440	100	LDR Unbiased	6.6475	6.6425	-0.005
4441	100	LDR Unbiased	6.6975	6.6824	-0.0151
4443	100	LDR Unbiased	6.6475	6.6475	0
4444	100	LDR Unbiased	6.6326	6.6275	-0.0051
4500	150	LDR Biased	6.6076	6.5624	-0.0452
4501	150	LDR Biased	6.6224	6.6076	-0.0148
4502	150	LDR Biased	6.6125	6.5674	-0.0451
4503	150	LDR Biased	6.6076	6.5975	-0.0101
4504	150	LDR Biased	6.6125	6.5575	-0.055
4505	150	LDR Unbiased	6.6326	6.6275	-0.0051
4506	150	LDR Unbiased	6.6675	6.6626	-0.0049
4507	150	LDR Unbiased	6.7226	6.7176	-0.005
4508	150	LDR Unbiased	6.6425	6.6376	-0.0049
4509	150	LDR Unbiased	6.6175	6.5975	-0.02

Test Statistics (V)

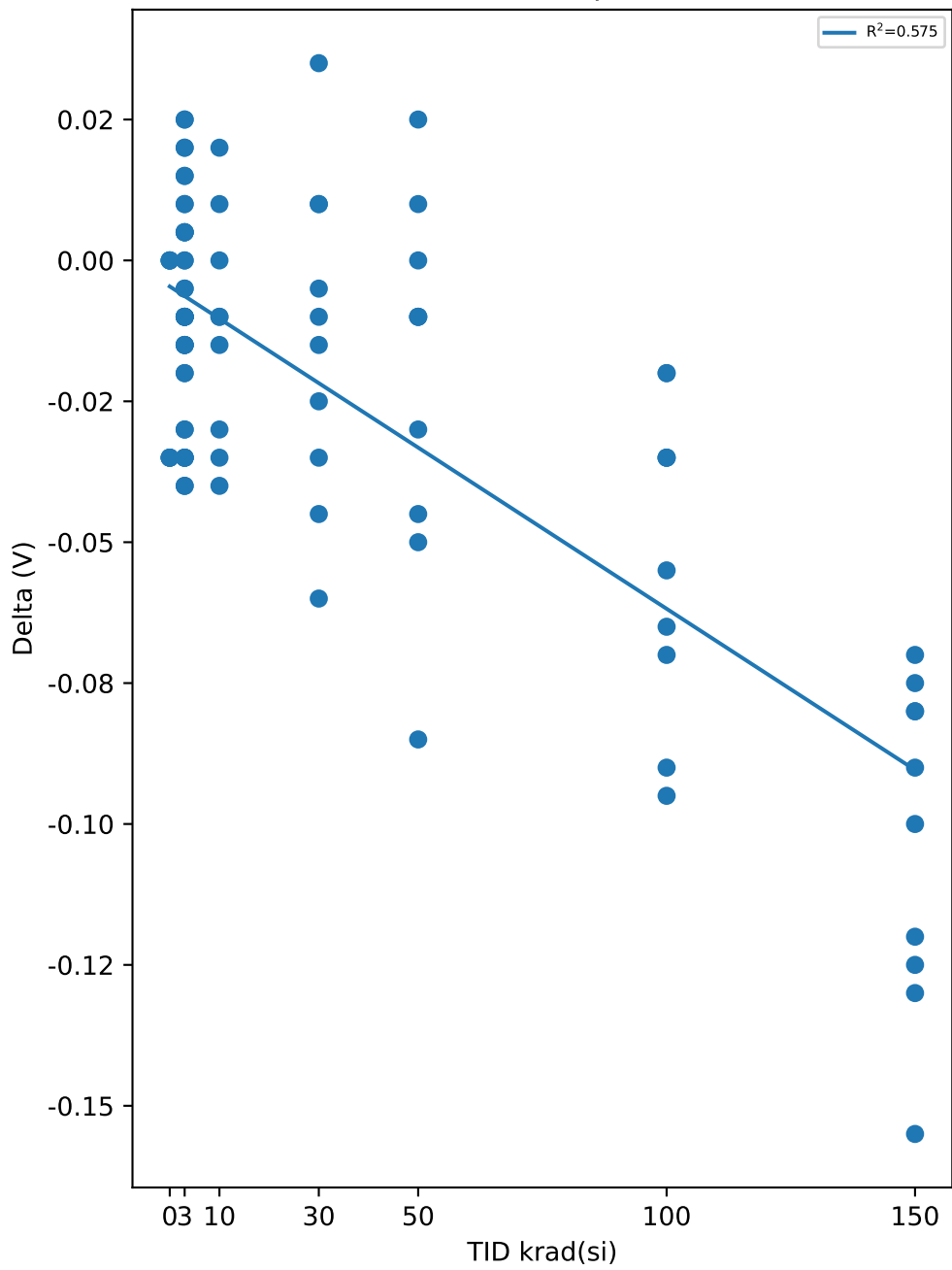
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.6475	6.6725	6.6975	0.035355	6.6725	6.685	6.6975	0.017678	0	0.0125	0.025	0.017678
3	6.6175	6.6547	6.6875	0.029995	6.6175	6.6575	6.6926	0.031843	-0.0051	0.0028111	0.0102	0.005135
10	6.6175	6.6547	6.6875	0.029995	6.6125	6.6603	6.7025	0.035977	-0.0051	0.0055778	0.0201	0.0088673
30	6.6026	6.6435	6.6975	0.027335	6.6076	6.647	6.6875	0.026379	-0.0201	0.00351	0.0251	0.014173
50	6.6026	6.6435	6.6975	0.027335	6.5924	6.6449	6.6774	0.025398	-0.0201	0.00143	0.03	0.016009
100	6.6026	6.6435	6.6975	0.027335	6.5776	6.638	6.6824	0.026452	-0.0299	-0.00551	0.0201	0.014615
150	6.6076	6.6345	6.7226	0.036161	6.5575	6.6135	6.7176	0.049937	-0.055	-0.02101	-0.0049	0.019743

Device Test: 90.0 PWM_LI Rise Thresh VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.8, Upper Limit = 2.65 (V))

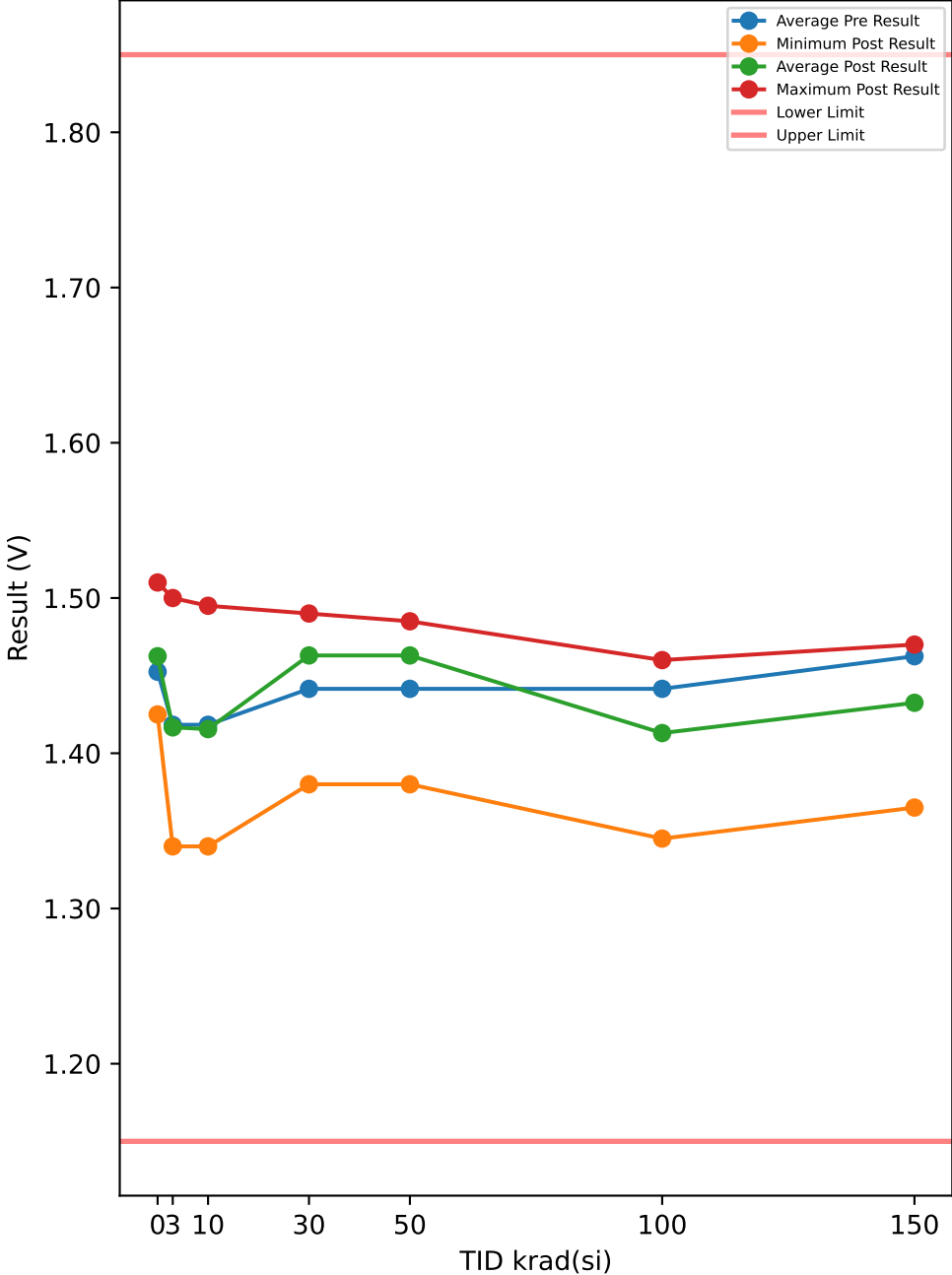
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.27	2.235	-0.035
2	0	CORRELATION	2.24	2.24	0
259	3	LDR Biased	2.23	2.245	0.015
426	3	LDR Biased	2.28	2.285	0.005
427	3	LDR Biased	2.22	2.21	-0.01
428	3	LDR Biased	2.27	2.235	-0.035
429	3	LDR Unbiased	2.23	2.235	0.005
430	3	LDR Unbiased	2.245	2.23	-0.015
431	3	LDR Unbiased	2.2	2.225	0.025
432	3	LDR Unbiased	2.215	2.195	-0.02
433	3	LDR Unbiased	2.225	2.22	-0.005
1259	10	LDR Biased	2.23	2.23	0
1426	10	LDR Biased	2.28	2.27	-0.01
1427	10	LDR Biased	2.22	2.24	0.02
1428	10	LDR Biased	2.27	2.23	-0.04
1429	10	LDR Unbiased	2.23	2.22	-0.01
1430	10	LDR Unbiased	2.245	2.21	-0.035
1431	10	LDR Unbiased	2.2	2.21	0.01
1432	10	LDR Unbiased	2.215	2.185	-0.03
1433	10	LDR Unbiased	2.225	2.21	-0.015
2434	30	LDR Biased	2.215	2.25	0.035
2435	30	LDR Biased	2.305	2.315	0.01
2436	30	LDR Biased	2.215	2.2	-0.015
2437	30	LDR Biased	2.285	2.26	-0.025
2438	30	LDR Biased	2.21	2.175	-0.035
2439	30	LDR Unbiased	2.225	2.18	-0.045
2440	30	LDR Unbiased	2.22	2.215	-0.005
2441	30	LDR Unbiased	2.27	2.28	0.01
2443	30	LDR Unbiased	2.24	2.23	-0.01
2444	30	LDR Unbiased	2.325	2.265	-0.06
3434	50	LDR Biased	2.215	2.24	0.025
3435	50	LDR Biased	2.305	2.295	-0.01
3436	50	LDR Biased	2.215	2.205	-0.01
3437	50	LDR Biased	2.285	2.24	-0.045
3438	50	LDR Biased	2.21	2.18	-0.03
3439	50	LDR Unbiased	2.225	2.175	-0.05
3440	50	LDR Unbiased	2.22	2.23	0.01
3441	50	LDR Unbiased	2.27	2.27	0
3443	50	LDR Unbiased	2.24	2.23	-0.01
3444	50	LDR Unbiased	2.325	2.24	-0.085
4434	100	LDR Biased	2.215	2.18	-0.035
4435	100	LDR Biased	2.305	2.27	-0.035
4436	100	LDR Biased	2.215	2.195	-0.02
4437	100	LDR Biased	2.285	2.19	-0.095
4438	100	LDR Biased	2.21	2.14	-0.07
4439	100	LDR Unbiased	2.225	2.16	-0.065
4440	100	LDR Unbiased	2.22	2.185	-0.035
4441	100	LDR Unbiased	2.27	2.25	-0.02
4443	100	LDR Unbiased	2.24	2.185	-0.055
4444	100	LDR Unbiased	2.325	2.235	-0.09
4500	150	LDR Biased	2.32	2.245	-0.075
4501	150	LDR Biased	2.235	2.115	-0.12
4502	150	LDR Biased	2.23	2.13	-0.1
4503	150	LDR Biased	2.235	2.11	-0.125
4504	150	LDR Biased	2.2	2.13	-0.07
4505	150	LDR Unbiased	2.195	2.115	-0.08
4506	150	LDR Unbiased	2.255	2.1	-0.155
4507	150	LDR Unbiased	2.25	2.12	-0.13
4508	150	LDR Unbiased	2.205	2.115	-0.09
4509	150	LDR Unbiased	2.24	2.16	-0.08

Test Statistics (V)

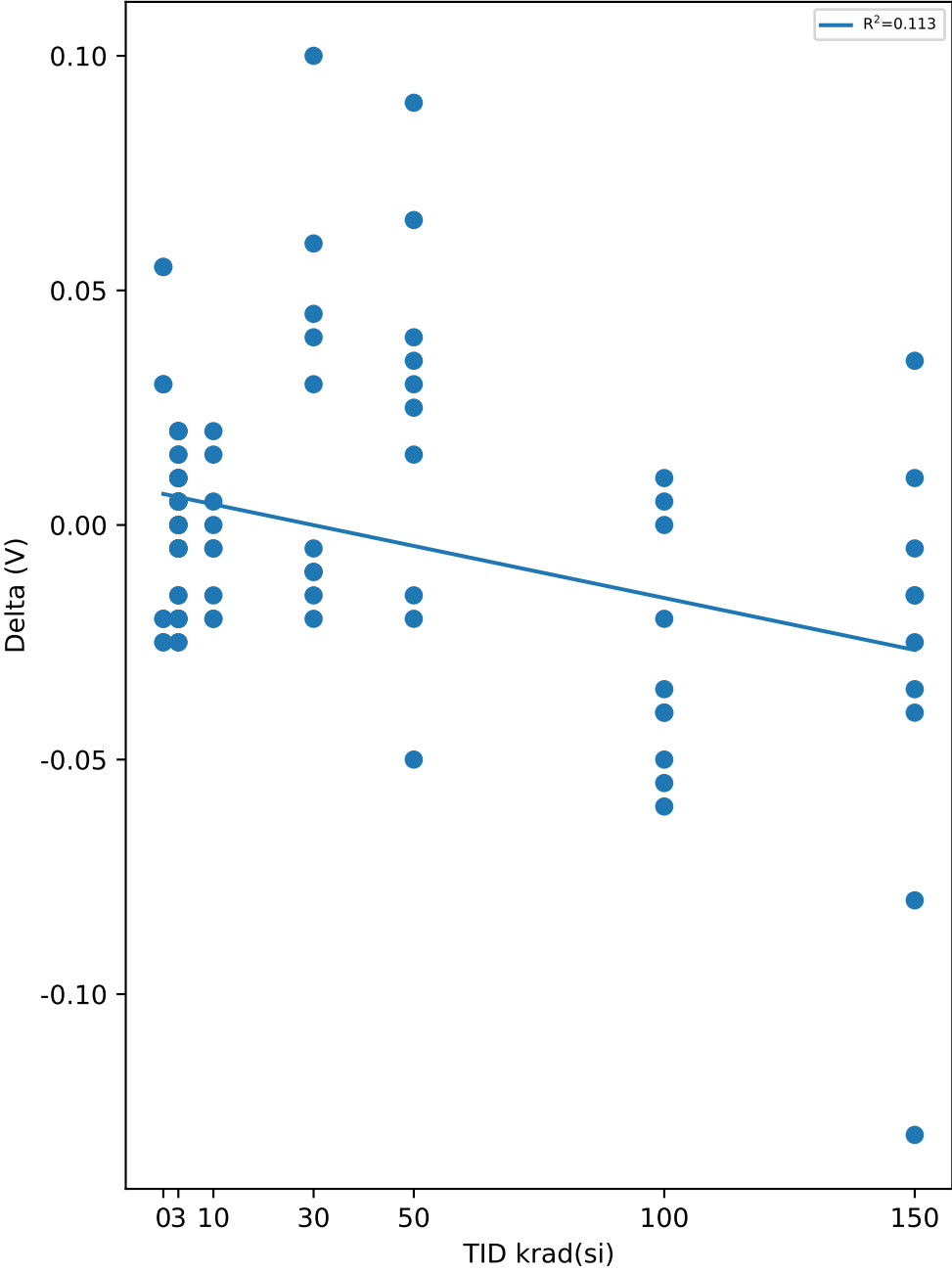
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.24	2.255	2.27	0.021213	2.235	2.2375	2.24	0.0035355	-0.035	-0.0175	0	0.024749
3	2.2	2.235	2.28	0.02586	2.195	2.2311	2.285	0.025097	-0.035	-0.0038889	0.025	0.018503
10	2.2	2.235	2.28	0.02586	2.185	2.2228	2.27	0.023863	-0.04	-0.012222	0.02	0.020327
30	2.21	2.251	2.325	0.042085	2.175	2.237	2.315	0.045228	-0.06	-0.014	0.035	0.02846
50	2.21	2.251	2.325	0.042085	2.175	2.2305	2.295	0.036927	-0.085	-0.0205	0.025	0.032442
100	2.21	2.251	2.325	0.042085	2.14	2.199	2.27	0.040538	-0.095	-0.052	-0.02	0.027305
150	2.195	2.2365	2.32	0.035905	2.1	2.134	2.245	0.042216	-0.155	-0.1025	-0.07	0.028504

Device Test: 90.1 PWM_LI Fall Thresh VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.15, Upper Limit = 1.85 (V))

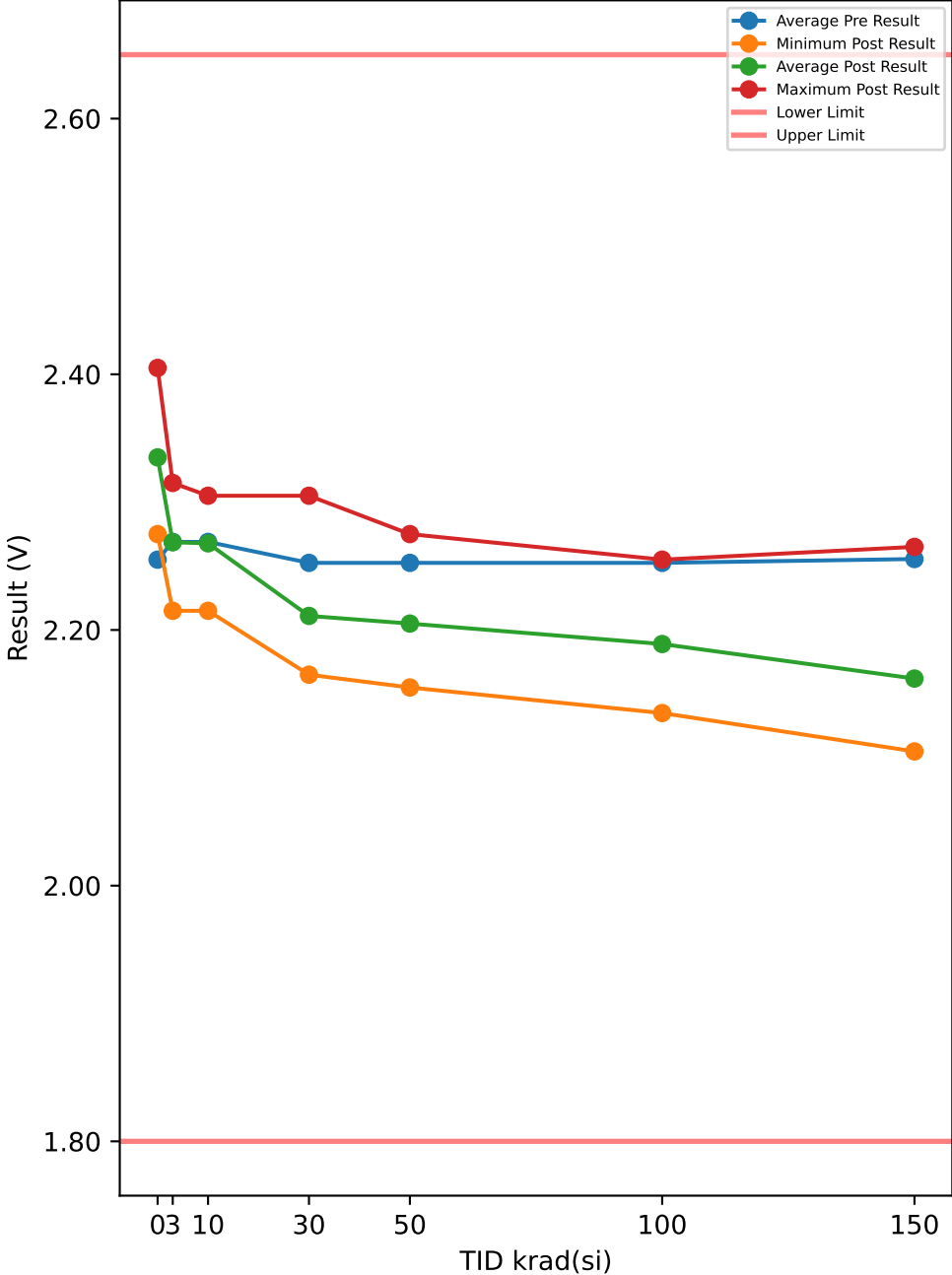
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.455	1.485	0.03
2	0	CORRELATION	1.45	1.43	-0.02
259	3	LDR Biased	1.48	1.5	0.02
426	3	LDR Biased	1.42	1.415	-0.005
427	3	LDR Biased	1.385	1.395	0.01
428	3	LDR Biased	1.475	1.455	-0.02
429	3	LDR Unbiased	1.415	1.415	0
430	3	LDR Unbiased	1.335	1.34	0.005
431	3	LDR Unbiased	1.425	1.425	0
432	3	LDR Unbiased	1.395	1.405	0.01
433	3	LDR Unbiased	1.435	1.41	-0.025
1259	10	LDR Biased	1.48	1.495	0.015
1426	10	LDR Biased	1.42	1.42	0
1427	10	LDR Biased	1.385	1.38	-0.005
1428	10	LDR Biased	1.475	1.455	-0.02
1429	10	LDR Unbiased	1.415	1.395	-0.02
1430	10	LDR Unbiased	1.335	1.34	0.005
1431	10	LDR Unbiased	1.425	1.42	-0.005
1432	10	LDR Unbiased	1.395	1.415	0.02
1433	10	LDR Unbiased	1.435	1.42	-0.015
2434	30	LDR Biased	1.385	1.485	0.1
2435	30	LDR Biased	1.5	1.49	-0.01
2436	30	LDR Biased	1.41	1.405	-0.005
2437	30	LDR Biased	1.39	1.38	-0.01
2438	30	LDR Biased	1.43	1.49	0.06
2439	30	LDR Unbiased	1.45	1.49	0.04
2440	30	LDR Unbiased	1.44	1.485	0.045
2441	30	LDR Unbiased	1.455	1.485	0.03
2443	30	LDR Unbiased	1.45	1.43	-0.02
2444	30	LDR Unbiased	1.505	1.49	-0.015
3434	50	LDR Biased	1.385	1.4	0.015
3435	50	LDR Biased	1.5	1.485	-0.015
3436	50	LDR Biased	1.41	1.475	0.065
3437	50	LDR Biased	1.39	1.48	0.09
3438	50	LDR Biased	1.43	1.38	-0.05
3439	50	LDR Unbiased	1.45	1.48	0.03
3440	50	LDR Unbiased	1.44	1.48	0.04
3441	50	LDR Unbiased	1.455	1.48	0.025
3443	50	LDR Unbiased	1.45	1.485	0.035
3444	50	LDR Unbiased	1.505	1.485	-0.02
4434	100	LDR Biased	1.385	1.345	-0.04
4435	100	LDR Biased	1.5	1.46	-0.04
4436	100	LDR Biased	1.41	1.39	-0.02
4437	100	LDR Biased	1.39	1.39	0
4438	100	LDR Biased	1.43	1.37	-0.06
4439	100	LDR Unbiased	1.45	1.415	-0.035
4440	100	LDR Unbiased	1.44	1.45	0.01
4441	100	LDR Unbiased	1.455	1.46	0.005
4443	100	LDR Unbiased	1.45	1.4	-0.05
4444	100	LDR Unbiased	1.505	1.45	-0.055
4500	150	LDR Biased	1.465	1.385	-0.08
4501	150	LDR Biased	1.44	1.45	0.01
4502	150	LDR Biased	1.495	1.365	-0.13
4503	150	LDR Biased	1.465	1.45	-0.015
4504	150	LDR Biased	1.415	1.4	-0.015
4505	150	LDR Unbiased	1.495	1.455	-0.04
4506	150	LDR Unbiased	1.48	1.445	-0.035
4507	150	LDR Unbiased	1.475	1.45	-0.025
4508	150	LDR Unbiased	1.42	1.455	0.035
4509	150	LDR Unbiased	1.475	1.47	-0.005

Test Statistics (V)

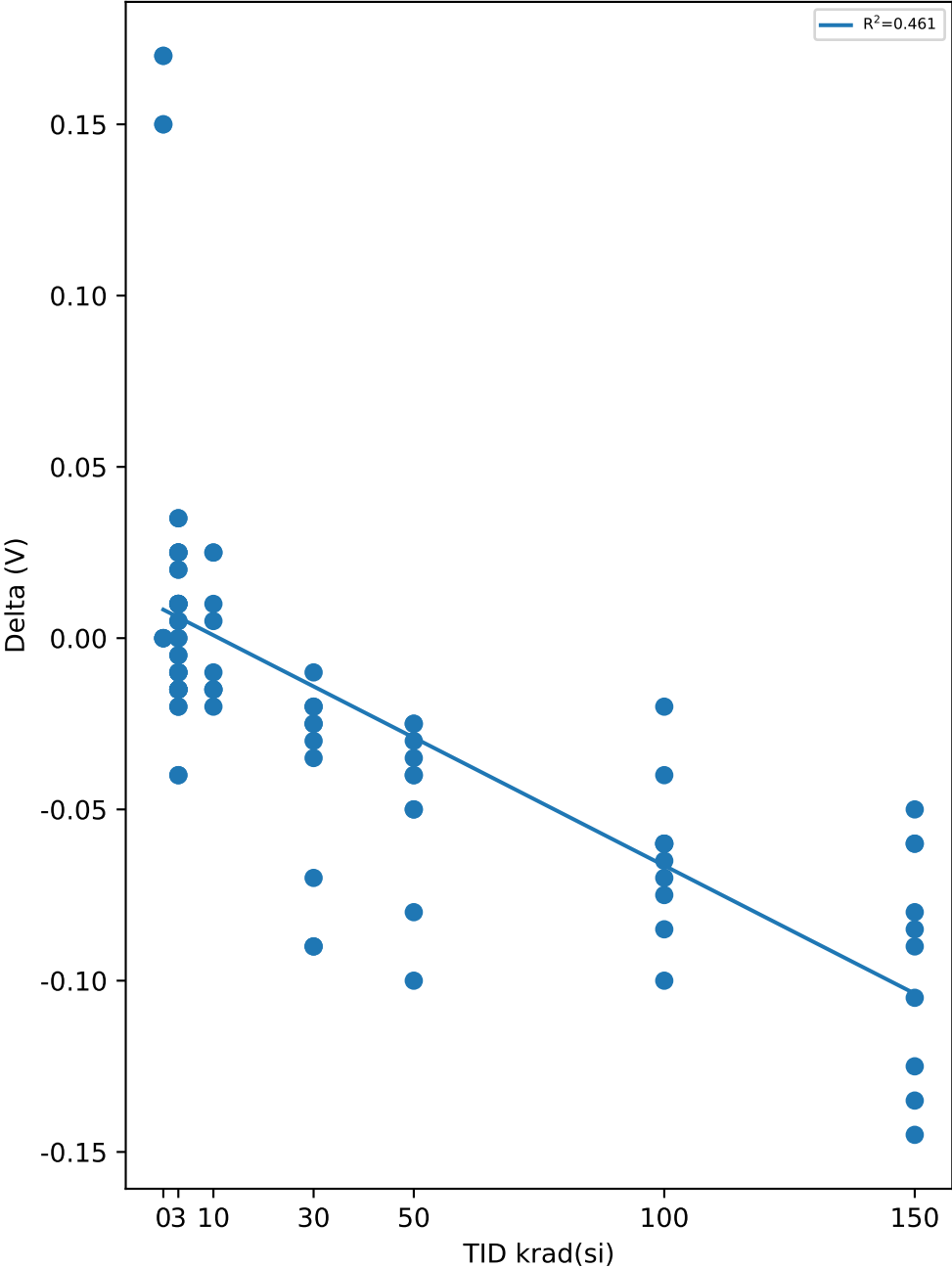
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.45	1.4525	1.455	0.0035355	1.43	1.4575	1.485	0.038891	-0.02	0.005	0.03	0.035355
3	1.335	1.4183	1.48	0.044651	1.34	1.4178	1.5	0.043309	-0.025	-0.00055556	0.02	0.014458
10	1.335	1.4183	1.48	0.044651	1.34	1.4156	1.495	0.043764	-0.02	-0.0027778	0.02	0.014386
30	1.385	1.4415	1.505	0.040487	1.38	1.463	1.49	0.04178	-0.02	0.0215	0.1	0.039934
50	1.385	1.4415	1.505	0.040487	1.38	1.463	1.485	0.038887	-0.05	0.0215	0.09	0.041369
100	1.385	1.4415	1.505	0.040487	1.345	1.413	1.46	0.040634	-0.06	-0.0285	0.01	0.025717
150	1.415	1.4625	1.495	0.028504	1.365	1.4325	1.47	0.035532	-0.13	-0.03	0.035	0.046607

Device Test: 90.3 EN_HI Rise Thresh VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.8, Upper Limit = 2.65 (V))

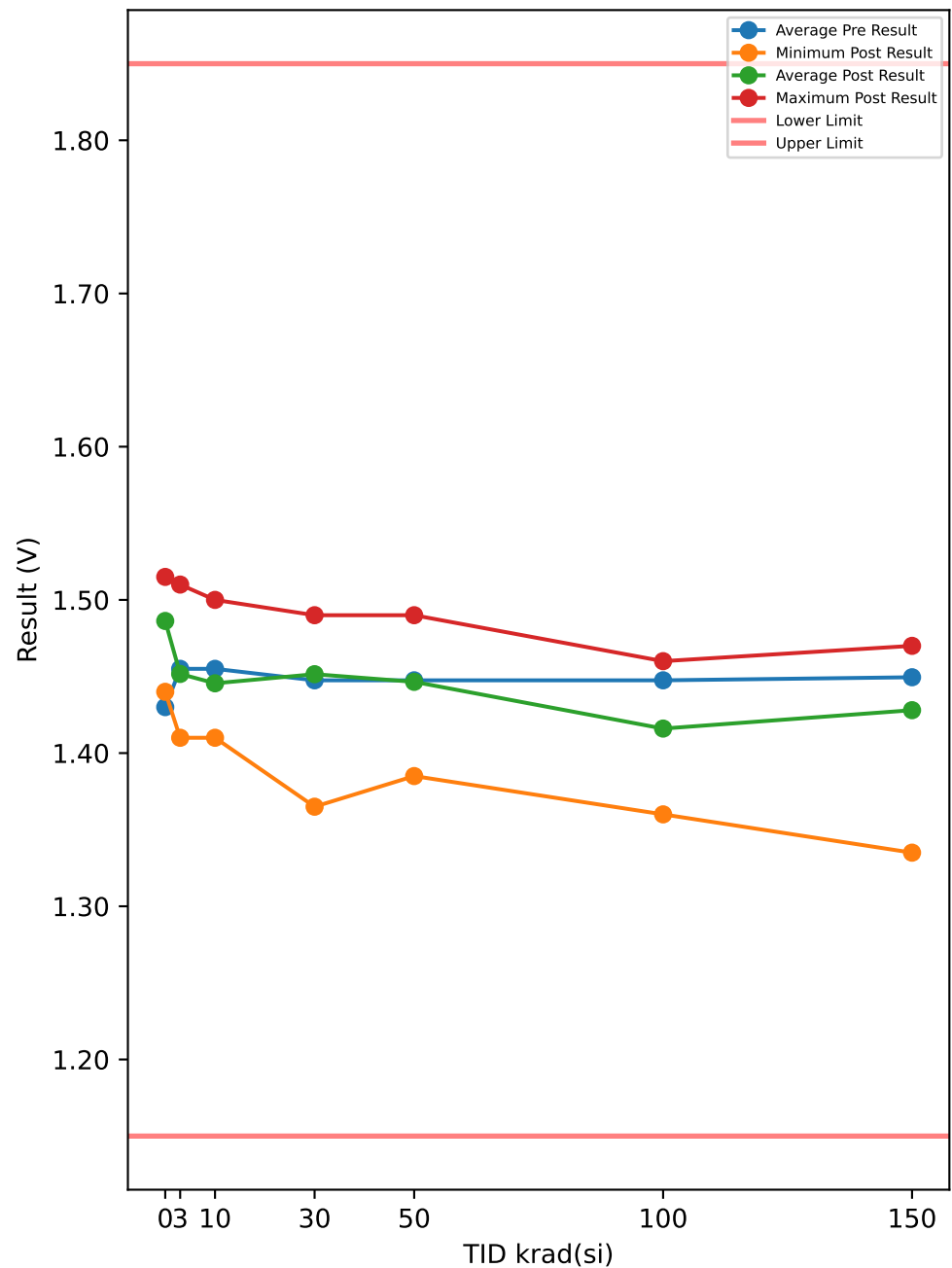
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.235	2.405	0.17
2	0	CORRELATION	2.275	2.275	0
259	3	LDR Biased	2.275	2.285	0.01
426	3	LDR Biased	2.235	2.245	0.01
427	3	LDR Biased	2.28	2.315	0.035
428	3	LDR Biased	2.245	2.24	-0.005
429	3	LDR Unbiased	2.265	2.285	0.02
430	3	LDR Unbiased	2.23	2.215	-0.015
431	3	LDR Unbiased	2.265	2.255	-0.01
432	3	LDR Unbiased	2.32	2.28	-0.04
433	3	LDR Unbiased	2.305	2.305	0
1259	10	LDR Biased	2.275	2.28	0.005
1426	10	LDR Biased	2.235	2.22	-0.015
1427	10	LDR Biased	2.28	2.305	0.025
1428	10	LDR Biased	2.245	2.255	0.01
1429	10	LDR Unbiased	2.265	2.29	0.025
1430	10	LDR Unbiased	2.23	2.215	-0.015
1431	10	LDR Unbiased	2.265	2.255	-0.01
1432	10	LDR Unbiased	2.32	2.3	-0.02
1433	10	LDR Unbiased	2.305	2.29	-0.015
2434	30	LDR Biased	2.205	2.175	-0.03
2435	30	LDR Biased	2.25	2.18	-0.07
2436	30	LDR Biased	2.255	2.23	-0.025
2437	30	LDR Biased	2.265	2.175	-0.09
2438	30	LDR Biased	2.235	2.2	-0.035
2439	30	LDR Unbiased	2.325	2.305	-0.02
2440	30	LDR Unbiased	2.255	2.165	-0.09
2441	30	LDR Unbiased	2.235	2.215	-0.02
2443	30	LDR Unbiased	2.275	2.25	-0.025
2444	30	LDR Unbiased	2.225	2.215	-0.01
3434	50	LDR Biased	2.205	2.165	-0.04
3435	50	LDR Biased	2.25	2.225	-0.025
3436	50	LDR Biased	2.255	2.225	-0.03
3437	50	LDR Biased	2.265	2.165	-0.1
3438	50	LDR Biased	2.235	2.155	-0.08
3439	50	LDR Unbiased	2.325	2.275	-0.05
3440	50	LDR Unbiased	2.255	2.22	-0.035
3441	50	LDR Unbiased	2.235	2.195	-0.04
3443	50	LDR Unbiased	2.275	2.25	-0.025
3444	50	LDR Unbiased	2.225	2.175	-0.05
4434	100	LDR Biased	2.205	2.145	-0.06
4435	100	LDR Biased	2.25	2.175	-0.075
4436	100	LDR Biased	2.255	2.195	-0.06
4437	100	LDR Biased	2.265	2.2	-0.065
4438	100	LDR Biased	2.235	2.135	-0.1
4439	100	LDR Unbiased	2.325	2.255	-0.07
4440	100	LDR Unbiased	2.255	2.17	-0.085
4441	100	LDR Unbiased	2.235	2.175	-0.06
4443	100	LDR Unbiased	2.275	2.235	-0.04
4444	100	LDR Unbiased	2.225	2.205	-0.02
4500	150	LDR Biased	2.255	2.17	-0.085
4501	150	LDR Biased	2.23	2.105	-0.125
4502	150	LDR Biased	2.21	2.13	-0.08
4503	150	LDR Biased	2.305	2.16	-0.145
4504	150	LDR Biased	2.325	2.265	-0.06
4505	150	LDR Unbiased	2.24	2.19	-0.05
4506	150	LDR Unbiased	2.24	2.105	-0.135
4507	150	LDR Unbiased	2.22	2.115	-0.105
4508	150	LDR Unbiased	2.315	2.225	-0.09
4509	150	LDR Unbiased	2.215	2.155	-0.06

Test Statistics (V)

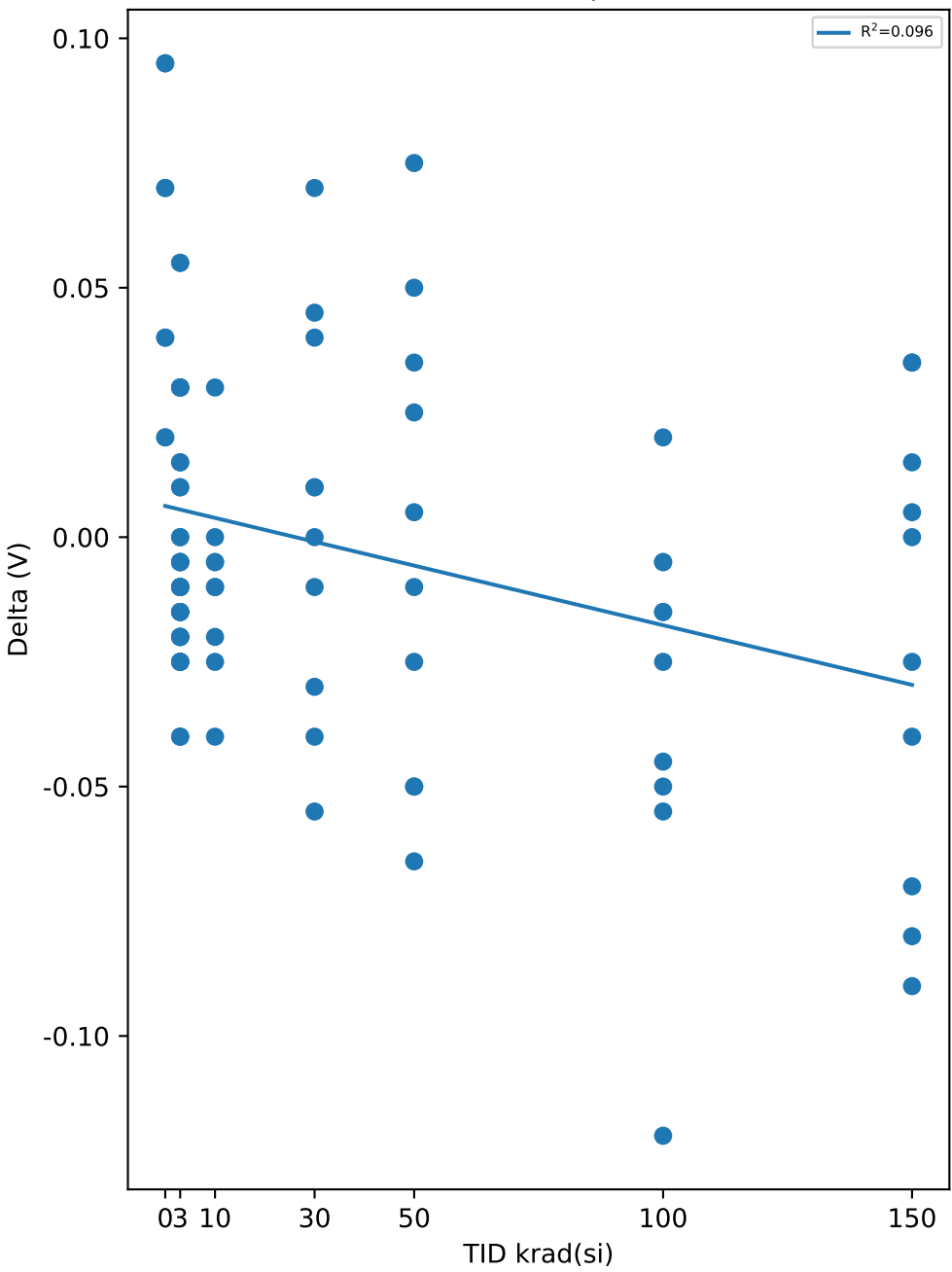
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.235	2.255	2.275	0.028284	2.275	2.34	2.405	0.091924	0	0.085	0.17	0.12021
3	2.23	2.2689	2.32	0.030288	2.215	2.2694	2.315	0.032734	-0.04	0.00055556	0.035	0.021715
10	2.23	2.2689	2.32	0.030288	2.215	2.2678	2.305	0.033458	-0.02	-0.0011111	0.025	0.017815
30	2.205	2.2525	2.325	0.032596	2.165	2.211	2.305	0.042869	-0.09	-0.0415	-0.01	0.030097
50	2.205	2.2525	2.325	0.032596	2.155	2.205	2.275	0.040346	-0.1	-0.0475	-0.025	0.024523
100	2.205	2.2525	2.325	0.032596	2.135	2.189	2.255	0.037253	-0.1	-0.0635	-0.02	0.022242
150	2.21	2.2555	2.325	0.043362	2.105	2.162	2.265	0.052926	-0.145	-0.0935	-0.05	0.03317

Device Test: 90.4 EN_HI Fall Thresh VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



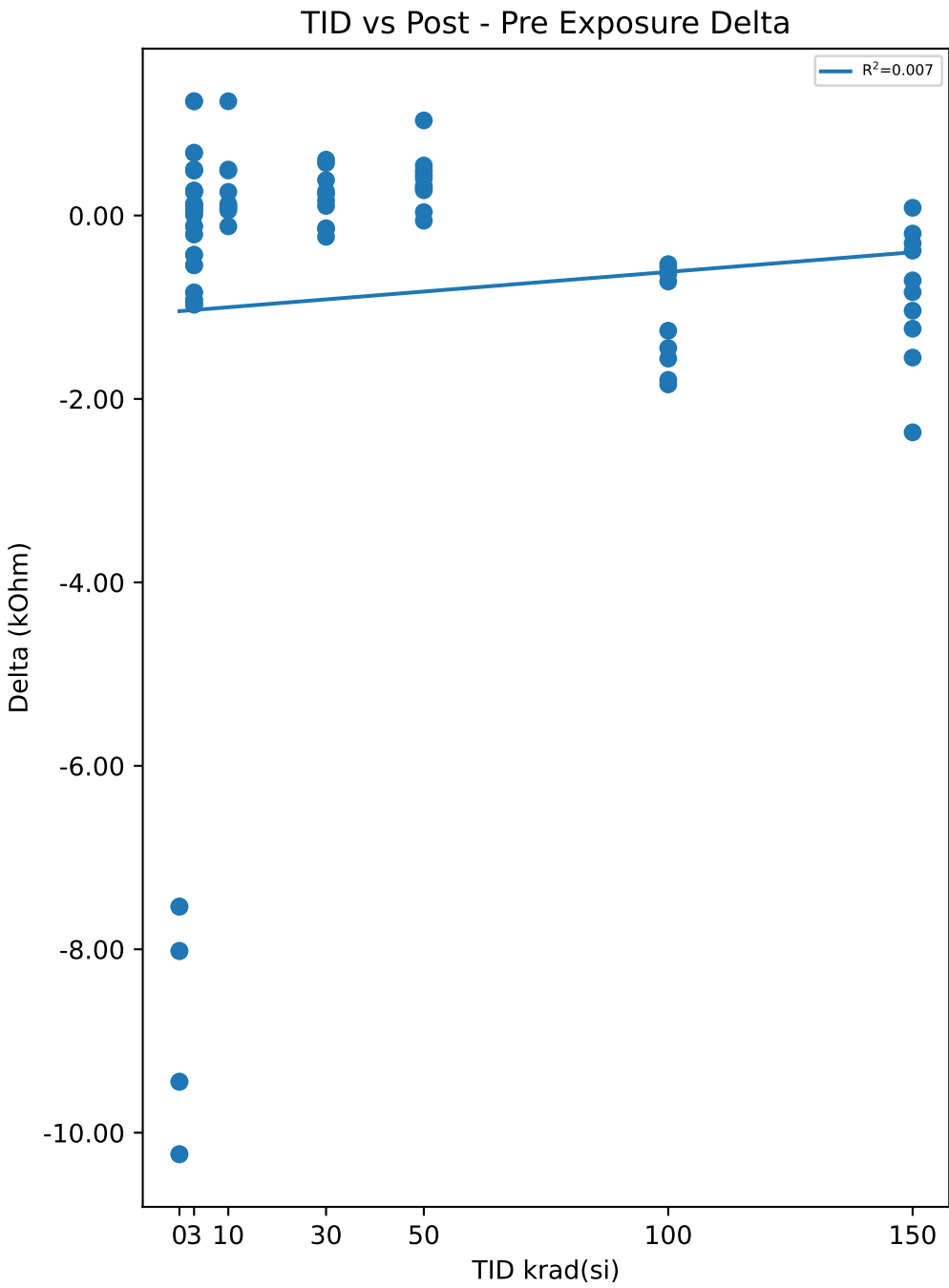
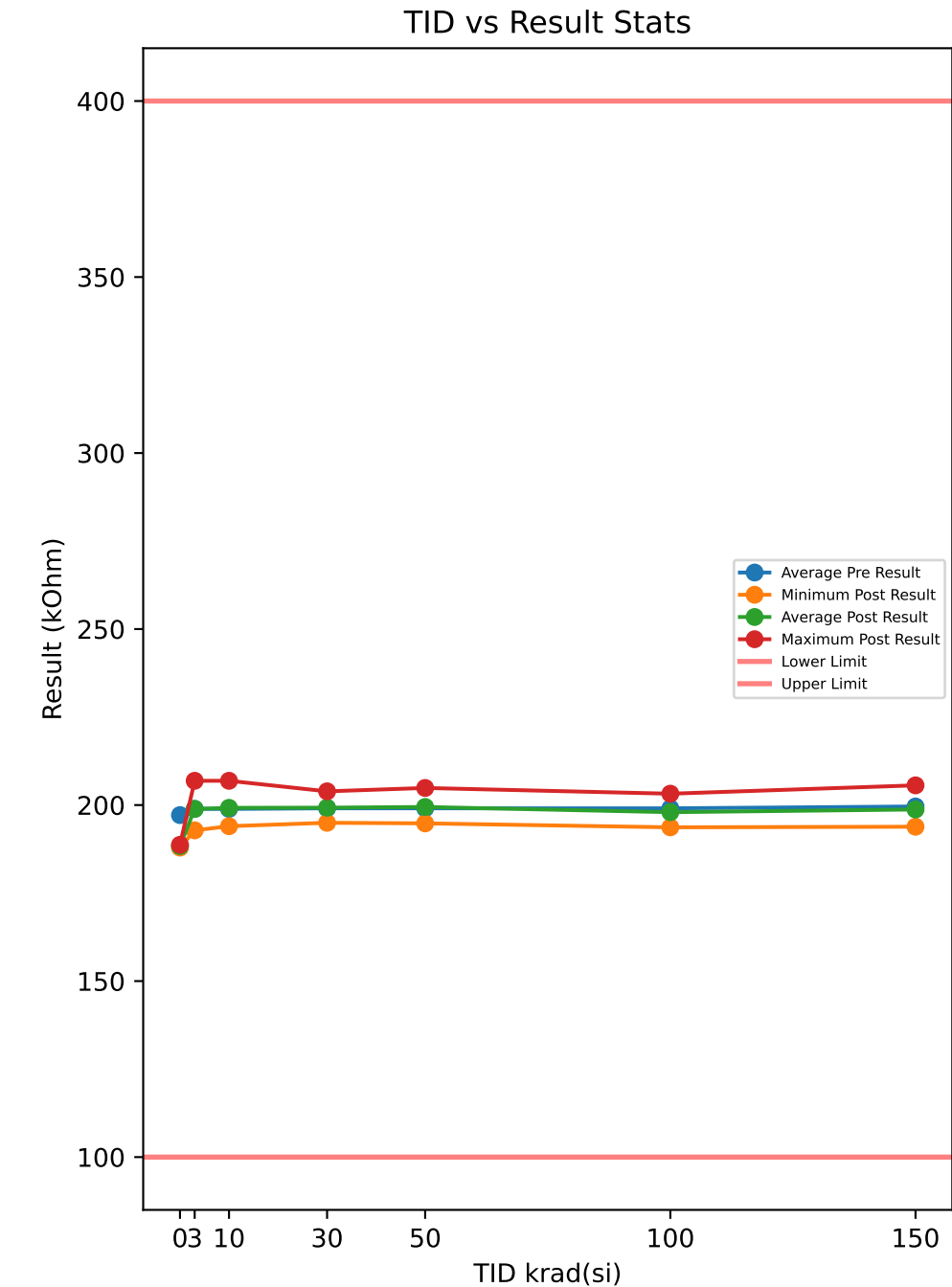
Test Results (Lower Limit = 1.15, Upper Limit = 1.85 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.42	1.44	0.02
2	0	CORRELATION	1.44	1.48	0.04
259	3	LDR Biased	1.455	1.47	0.015
426	3	LDR Biased	1.425	1.435	0.01
427	3	LDR Biased	1.445	1.435	-0.01
428	3	LDR Biased	1.455	1.51	0.055
429	3	LDR Unbiased	1.445	1.425	-0.02
430	3	LDR Unbiased	1.47	1.455	-0.015
431	3	LDR Unbiased	1.45	1.425	-0.025
432	3	LDR Unbiased	1.475	1.505	0.03
433	3	LDR Unbiased	1.475	1.46	-0.015
1259	10	LDR Biased	1.455	1.445	-0.01
1426	10	LDR Biased	1.425	1.425	0
1427	10	LDR Biased	1.445	1.435	-0.01
1428	10	LDR Biased	1.455	1.45	-0.005
1429	10	LDR Unbiased	1.445	1.44	-0.005
1430	10	LDR Unbiased	1.47	1.5	0.03
1431	10	LDR Unbiased	1.45	1.41	-0.04
1432	10	LDR Unbiased	1.475	1.45	-0.025
1433	10	LDR Unbiased	1.475	1.455	-0.02
2434	30	LDR Biased	1.505	1.45	-0.055
2435	30	LDR Biased	1.405	1.365	-0.04
2436	30	LDR Biased	1.475	1.485	0.01
2437	30	LDR Biased	1.405	1.415	0.01
2438	30	LDR Biased	1.455	1.425	-0.03
2439	30	LDR Unbiased	1.435	1.48	0.045
2440	30	LDR Unbiased	1.435	1.475	0.04
2441	30	LDR Unbiased	1.42	1.49	0.07
2443	30	LDR Unbiased	1.44	1.44	0
2444	30	LDR Unbiased	1.5	1.49	-0.01
3434	50	LDR Biased	1.505	1.455	-0.05
3435	50	LDR Biased	1.405	1.395	-0.01
3436	50	LDR Biased	1.475	1.48	0.005
3437	50	LDR Biased	1.405	1.48	0.075
3438	50	LDR Biased	1.455	1.48	0.025
3439	50	LDR Unbiased	1.435	1.385	-0.05
3440	50	LDR Unbiased	1.435	1.47	0.035
3441	50	LDR Unbiased	1.42	1.395	-0.025
3443	50	LDR Unbiased	1.44	1.49	0.05
3444	50	LDR Unbiased	1.5	1.435	-0.065
4434	100	LDR Biased	1.505	1.45	-0.055
4435	100	LDR Biased	1.405	1.36	-0.045
4436	100	LDR Biased	1.475	1.46	-0.015
4437	100	LDR Biased	1.405	1.39	-0.015
4438	100	LDR Biased	1.455	1.45	-0.005
4439	100	LDR Unbiased	1.435	1.41	-0.025
4440	100	LDR Unbiased	1.435	1.455	0.02
4441	100	LDR Unbiased	1.42	1.37	-0.05
4443	100	LDR Unbiased	1.44	1.435	-0.005
4444	100	LDR Unbiased	1.5	1.38	-0.12
4500	150	LDR Biased	1.42	1.455	0.035
4501	150	LDR Biased	1.435	1.41	-0.025
4502	150	LDR Biased	1.51	1.47	-0.04
4503	150	LDR Biased	1.455	1.46	0.005
4504	150	LDR Biased	1.415	1.45	0.035
4505	150	LDR Unbiased	1.5	1.41	-0.09
4506	150	LDR Unbiased	1.425	1.355	-0.07
4507	150	LDR Unbiased	1.415	1.335	-0.08
4508	150	LDR Unbiased	1.45	1.465	0.015
4509	150	LDR Unbiased	1.47	1.47	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	1.42	1.43	1.44	0.014142	1.44	1.46	1.48	0.028284	0.02	0.03	0.04	0.014142
3	1.425	1.455	1.475	0.016394	1.425	1.4578	1.51	0.032221	-0.025	0.0027778	0.055	0.026822
10	1.425	1.455	1.475	0.016394	1.41	1.4456	1.5	0.024805	-0.04	-0.0094444	0.03	0.019275
30	1.405	1.4475	1.505	0.03592	1.365	1.4515	1.49	0.040964	-0.055	0.004	0.07	0.039707
50	1.405	1.4475	1.505	0.03592	1.385	1.4465	1.49	0.040964	-0.065	-0.001	0.075	0.04707
100	1.405	1.4475	1.505	0.03592	1.36	1.416	1.46	0.038572	-0.12	-0.0315	0.02	0.038805
150	1.415	1.4495	1.51	0.034517	1.335	1.428	1.47	0.049171	-0.09	-0.0215	0.035	0.046789

Device Test: 90.6 PWM_LI Pull Down Resistance VIN_10V

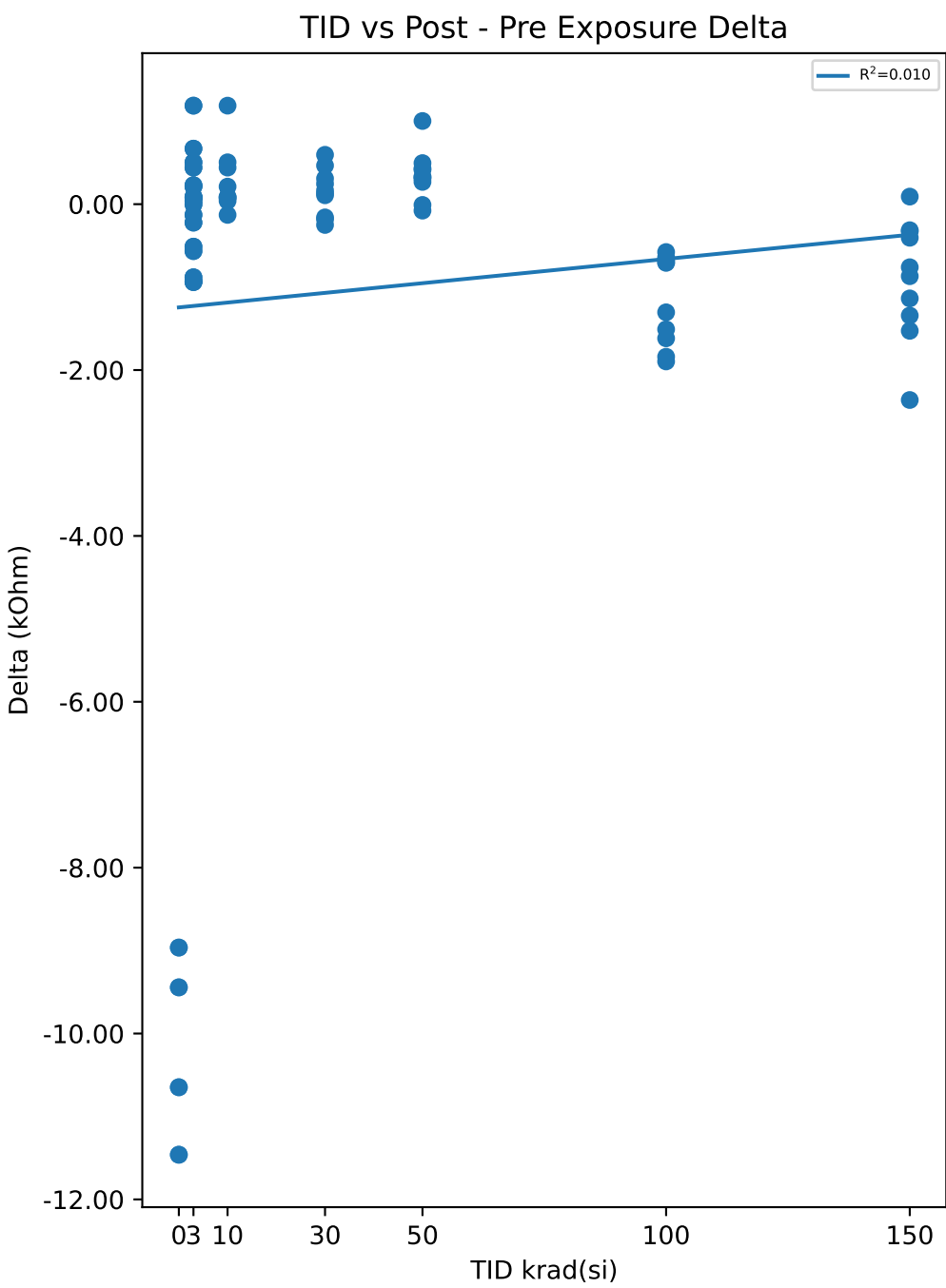
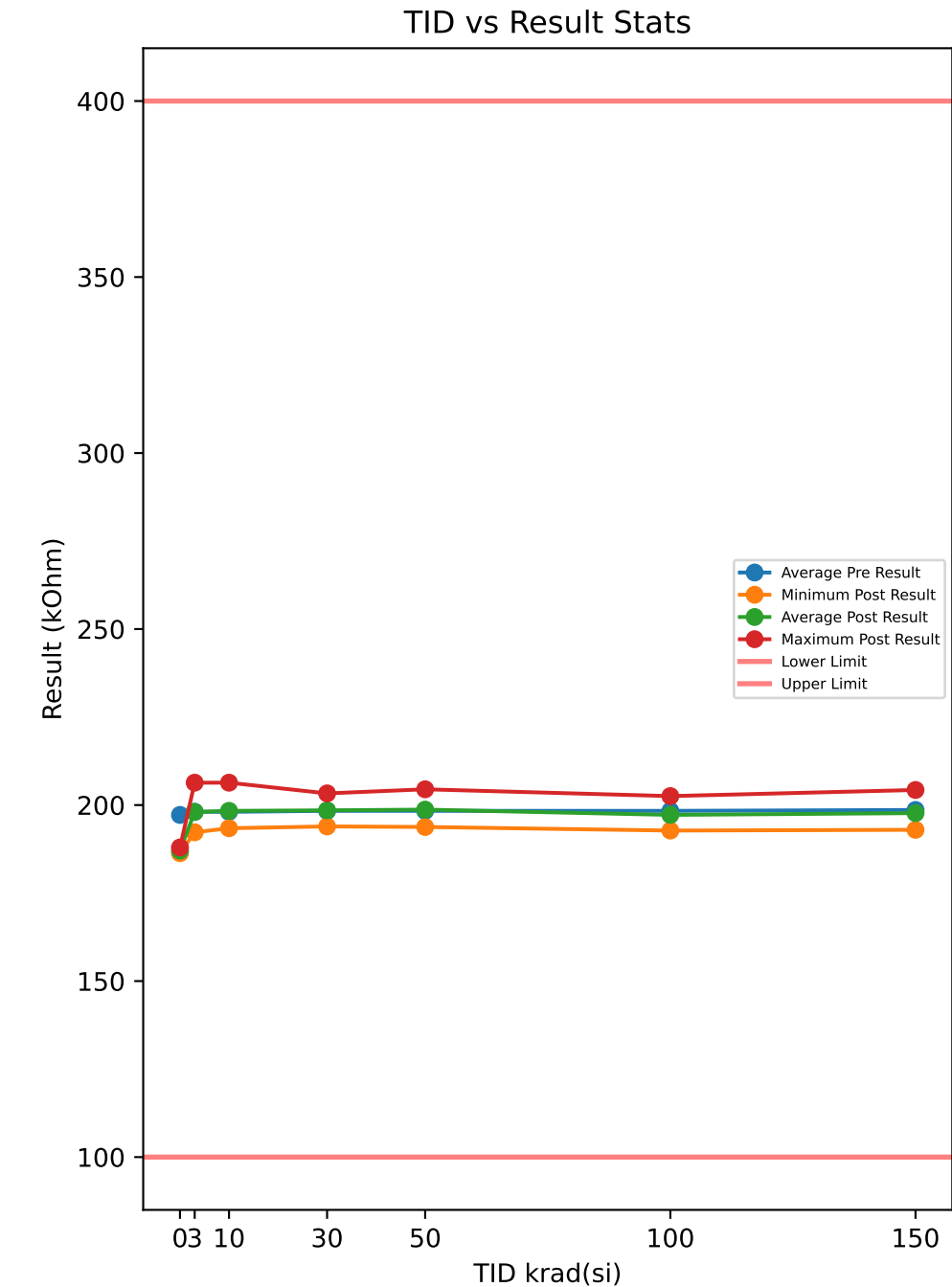


Test Results (Lower Limit = 100.0, Upper Limit = 400.0 (kOhm))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	196.14	188.12	-8.0188
2	0	CORRELATION	198.16	187.93	-10.235
259	3	LDR Biased	200.37	200.37	0.0086
426	3	LDR Biased	202.05	201.5	-0.5425
427	3	LDR Biased	198.66	197.69	-0.9711
428	3	LDR Biased	200.39	200.18	-0.2056
429	3	LDR Unbiased	206.4	205.97	-0.4287
430	3	LDR Unbiased	197.28	196.45	-0.8392
431	3	LDR Unbiased	195.25	195.52	0.271
432	3	LDR Unbiased	193.74	192.82	-0.9227
433	3	LDR Unbiased	196.06	196.75	0.6835
1259	10	LDR Biased	200.37	200.45	0.0796
1426	10	LDR Biased	202.05	203.29	1.2455
1427	10	LDR Biased	198.66	199.15	0.491
1428	10	LDR Biased	200.39	200.27	-0.1181
1429	10	LDR Unbiased	206.4	206.9	0.5006
1430	10	LDR Unbiased	197.28	197.41	0.125
1431	10	LDR Unbiased	195.25	195.3	0.0555
1432	10	LDR Unbiased	193.74	194	0.2573
1433	10	LDR Unbiased	196.06	196.17	0.1049
2434	30	LDR Biased	203.8	203.9	0.1043
2435	30	LDR Biased	198.52	198.91	0.3858
2436	30	LDR Biased	194.4	194.97	0.5727
2437	30	LDR Biased	196.39	196.62	0.2345
2438	30	LDR Biased	198.06	198.67	0.6085
2439	30	LDR Unbiased	202.76	202.53	-0.2324
2440	30	LDR Unbiased	203.82	203.68	-0.1391
2441	30	LDR Unbiased	196.14	196.31	0.1634
2443	30	LDR Unbiased	198.16	198.02	-0.1451
2444	30	LDR Unbiased	198.74	199	0.2634
3434	50	LDR Biased	203.8	204.12	0.3221
3435	50	LDR Biased	198.52	199.01	0.4871
3436	50	LDR Biased	194.4	194.8	0.4056
3437	50	LDR Biased	196.39	196.43	0.0364
3438	50	LDR Biased	198.06	198.35	0.2923
3439	50	LDR Unbiased	202.76	203.2	0.445
3440	50	LDR Unbiased	203.82	204.86	1.0367
3441	50	LDR Unbiased	196.14	196.09	-0.0566
3443	50	LDR Unbiased	198.16	198.71	0.5445
3444	50	LDR Unbiased	198.74	199.01	0.2756
4434	100	LDR Biased	203.8	203.23	-0.568
4435	100	LDR Biased	198.52	197.99	-0.5303
4436	100	LDR Biased	194.4	193.68	-0.7194
4437	100	LDR Biased	196.39	195.76	-0.627
4438	100	LDR Biased	198.06	197.42	-0.6363
4439	100	LDR Unbiased	202.76	200.92	-1.8417
4440	100	LDR Unbiased	203.82	202.57	-1.256
4441	100	LDR Unbiased	196.14	194.7	-1.4455
4443	100	LDR Unbiased	198.16	196.6	-1.5605
4444	100	LDR Unbiased	198.74	196.94	-1.7922
4500	150	LDR Biased	204.73	204.53	-0.1968
4501	150	LDR Biased	205.52	205.6	0.0841
4502	150	LDR Biased	200.44	199.41	-1.0381
4503	150	LDR Biased	198.73	197.18	-1.549
4504	150	LDR Biased	195.48	194.24	-1.2344
4505	150	LDR Unbiased	197.55	197.16	-0.3828
4506	150	LDR Unbiased	194.15	193.85	-0.3027
4507	150	LDR Unbiased	201.11	200.4	-0.7077
4508	150	LDR Unbiased	196.7	195.86	-0.8363
4509	150	LDR Unbiased	201.56	199.2	-2.364

Test Statistics (kOhm)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	196.14	197.15	198.16	1.4291	187.93	188.03	188.12	0.13774	-10.235	-9.1267	-8.0188	1.5668
3	193.74	198.91	206.4	3.8905	192.82	198.58	205.97	3.8756	-0.9711	-0.32741	0.6835	0.56953
10	193.74	198.91	206.4	3.8905	194	199.22	206.9	4.0818	-0.1181	0.30459	1.2455	0.40684
30	194.4	199.08	203.82	3.3059	194.97	199.26	203.9	3.1254	-0.2324	0.1816	0.6085	0.2932
50	194.4	199.08	203.82	3.3059	194.8	199.46	204.86	3.4853	-0.0566	0.37887	1.0367	0.29912
100	194.4	199.08	203.82	3.3059	193.68	197.98	203.23	3.2433	-1.8417	-1.0977	-0.5303	0.53501
150	194.15	199.6	205.52	3.7751	193.85	198.75	205.6	3.9639	-2.364	-0.85277	0.0841	0.7304

Device Test: 90.7 EN_HI Pull Down Resistance VIN_10V



Test Results (Lower Limit = 100.0, Upper Limit = 400.0 (kOhm))

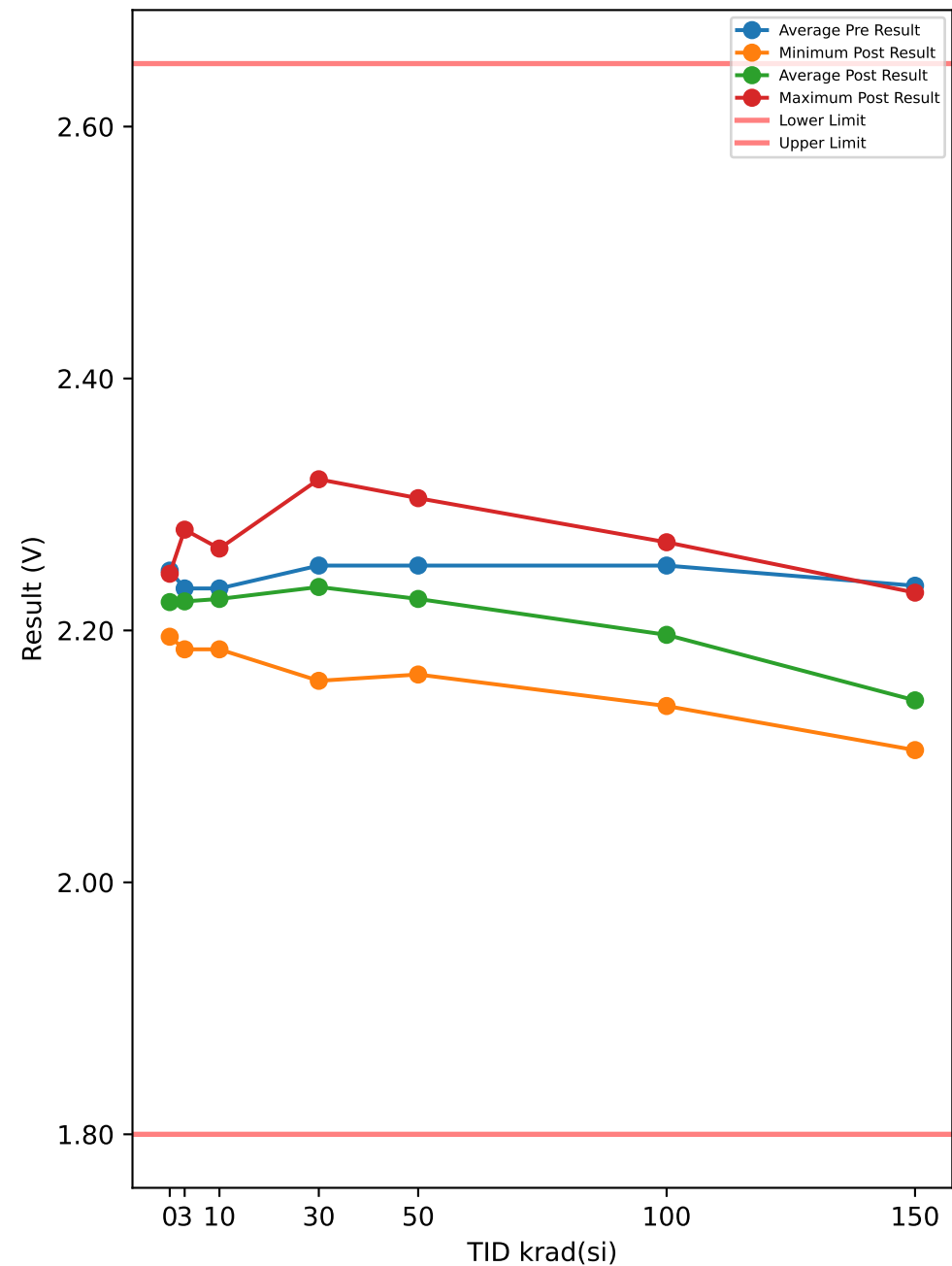
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	195.79	186.35	-9.4433
2	0	CORRELATION	198.61	187.15	-11.461
259	3	LDR Biased	199.39	199.39	-0.0028
426	3	LDR Biased	200.81	200.24	-0.5656
427	3	LDR Biased	197.27	196.34	-0.929
428	3	LDR Biased	199.29	199.07	-0.2222
429	3	LDR Unbiased	205.92	205.41	-0.5122
430	3	LDR Unbiased	196.45	195.57	-0.8815
431	3	LDR Unbiased	194.38	194.6	0.2286
432	3	LDR Unbiased	193.21	192.27	-0.9402
433	3	LDR Unbiased	196.03	196.69	0.6695
1259	10	LDR Biased	199.39	199.48	0.0895
1426	10	LDR Biased	200.81	202	1.188
1427	10	LDR Biased	197.27	197.77	0.5049
1428	10	LDR Biased	199.29	199.16	-0.1293
1429	10	LDR Unbiased	205.92	206.36	0.4409
1430	10	LDR Unbiased	196.45	196.52	0.0743
1431	10	LDR Unbiased	194.38	194.42	0.0402
1432	10	LDR Unbiased	193.21	193.42	0.2117
1433	10	LDR Unbiased	196.03	196.11	0.0824
2434	30	LDR Biased	203.13	203.23	0.1074
2435	30	LDR Biased	197.5	197.81	0.3089
2436	30	LDR Biased	193.47	193.94	0.4657
2437	30	LDR Biased	194.94	195.11	0.1665
2438	30	LDR Biased	196.39	196.98	0.5953
2439	30	LDR Unbiased	201.83	201.58	-0.2504
2440	30	LDR Unbiased	203.48	203.32	-0.1595
2441	30	LDR Unbiased	195.79	195.92	0.1303
2443	30	LDR Unbiased	198.61	198.42	-0.182
2444	30	LDR Unbiased	198.46	198.7	0.2449
3434	50	LDR Biased	203.13	203.45	0.3262
3435	50	LDR Biased	197.5	197.93	0.4307
3436	50	LDR Biased	193.47	193.78	0.3086
3437	50	LDR Biased	194.94	194.93	-0.0091
3438	50	LDR Biased	196.39	196.72	0.3325
3439	50	LDR Unbiased	201.83	202.25	0.4146
3440	50	LDR Unbiased	203.48	204.48	1.003
3441	50	LDR Unbiased	195.79	195.71	-0.0776
3443	50	LDR Unbiased	198.61	199.1	0.4953
3444	50	LDR Unbiased	198.46	198.72	0.2685
4434	100	LDR Biased	203.13	202.55	-0.5771
4435	100	LDR Biased	197.5	196.83	-0.6697
4436	100	LDR Biased	193.47	192.76	-0.7074
4437	100	LDR Biased	194.94	194.24	-0.7017
4438	100	LDR Biased	196.39	195.75	-0.6417
4439	100	LDR Unbiased	201.83	199.94	-1.896
4440	100	LDR Unbiased	203.48	202.17	-1.3039
4441	100	LDR Unbiased	195.79	194.28	-1.5089
4443	100	LDR Unbiased	198.61	196.99	-1.6174
4444	100	LDR Unbiased	198.46	196.62	-1.8396
4500	150	LDR Biased	203.27	202.94	-0.3268
4501	150	LDR Biased	204.2	204.29	0.0913
4502	150	LDR Biased	197.8	196.66	-1.1363
4503	150	LDR Biased	196.88	195.35	-1.5271
4504	150	LDR Biased	194.64	193.3	-1.3432
4505	150	LDR Unbiased	198.08	197.68	-0.4049
4506	150	LDR Unbiased	193.29	192.97	-0.314
4507	150	LDR Unbiased	199.91	199.15	-0.7604
4508	150	LDR Unbiased	196.69	195.82	-0.8685
4509	150	LDR Unbiased	201.34	198.97	-2.3612

Test Statistics (kOhm)

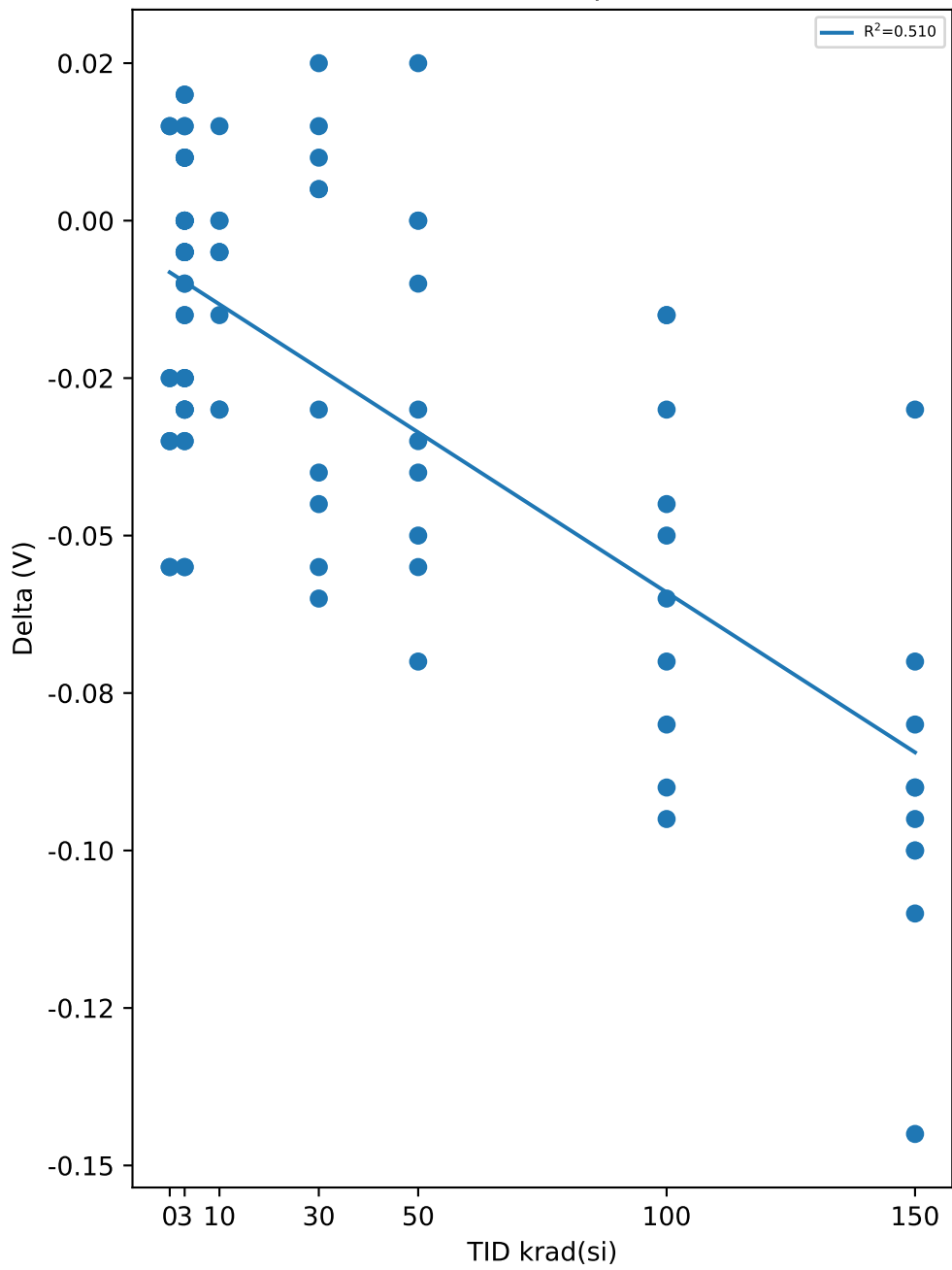
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	195.79	197.2	198.61	1.9902	186.35	186.75	187.15	0.56342	-11.461	-10.452	-9.4433	1.4268
3	193.21	198.08	205.92	3.826	192.27	197.73	205.41	3.8261	-0.9402	-0.3506	0.6695	0.56457
10	193.21	198.08	205.92	3.826	193.42	198.36	206.36	3.9984	-0.1293	0.27807	1.188	0.39501
30	193.47	198.36	203.48	3.4617	193.94	198.5	203.32	3.2817	-0.2504	0.14271	0.5953	0.27898
50	193.47	198.36	203.48	3.4617	193.78	198.71	204.48	3.6603	-0.0776	0.34927	1.003	0.29425
100	193.47	198.36	203.48	3.4617	192.76	197.21	202.55	3.3406	-1.896	-1.1463	-0.5771	0.53924
150	193.29	198.61	204.2	3.5544	192.97	197.71	204.29	3.7477	-2.3612	-0.89511	0.0913	0.7227

Device Test: 91.0 PWM_LI Rise Thresh VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.8, Upper Limit = 2.65 (V))

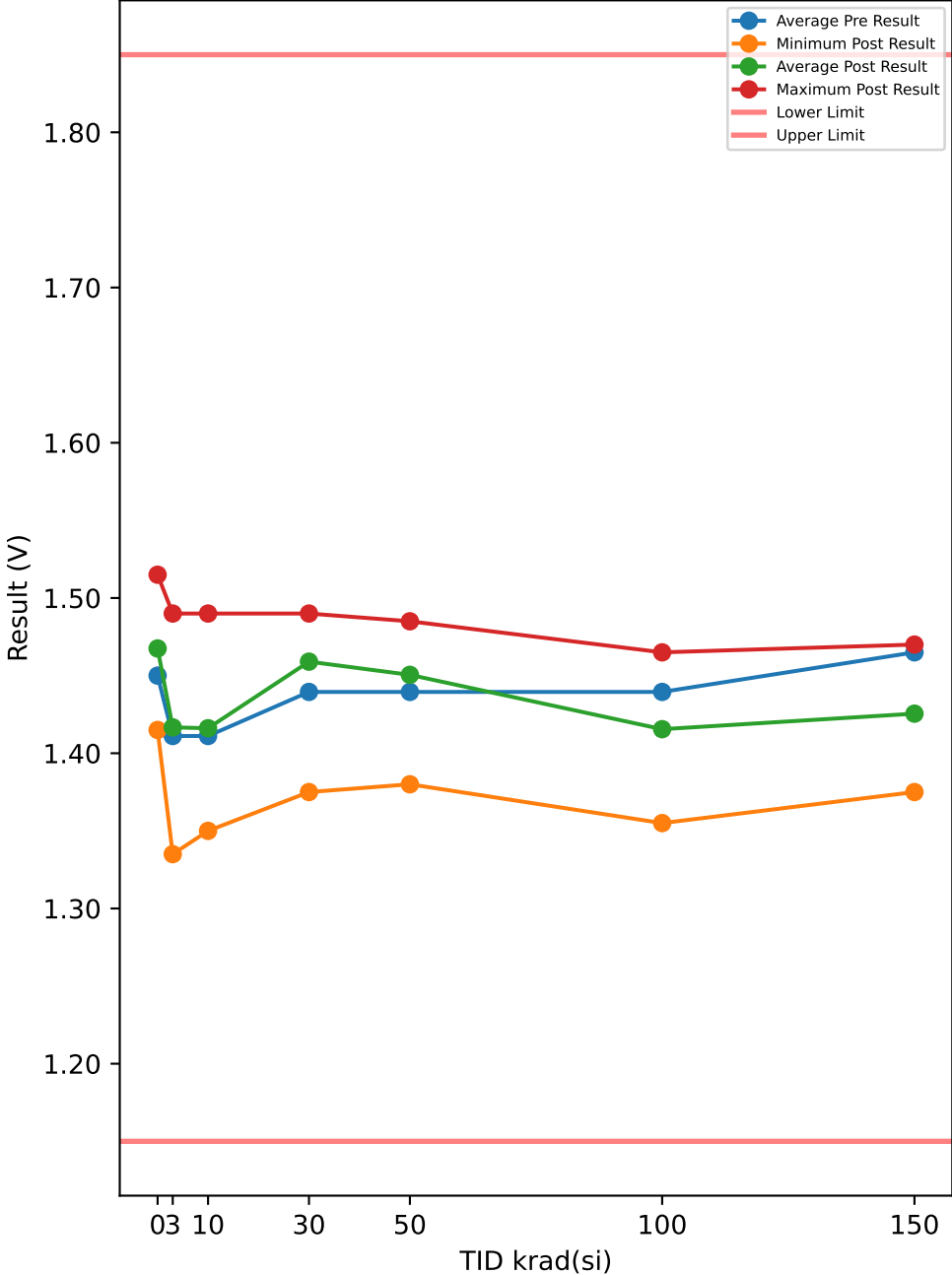
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.265	2.24	-0.025
2	0	CORRELATION	2.23	2.245	0.015
259	3	LDR Biased	2.225	2.245	0.02
426	3	LDR Biased	2.27	2.28	0.01
427	3	LDR Biased	2.235	2.225	-0.01
428	3	LDR Biased	2.26	2.205	-0.055
429	3	LDR Unbiased	2.225	2.235	0.01
430	3	LDR Unbiased	2.235	2.235	0
431	3	LDR Unbiased	2.21	2.185	-0.025
432	3	LDR Unbiased	2.215	2.19	-0.025
433	3	LDR Unbiased	2.225	2.19	-0.035
1259	10	LDR Biased	2.225	2.24	0.015
1426	10	LDR Biased	2.27	2.265	-0.005
1427	10	LDR Biased	2.235	2.235	0
1428	10	LDR Biased	2.26	2.23	-0.03
1429	10	LDR Unbiased	2.225	2.22	-0.005
1430	10	LDR Unbiased	2.235	2.22	-0.015
1431	10	LDR Unbiased	2.21	2.21	0
1432	10	LDR Unbiased	2.215	2.185	-0.03
1433	10	LDR Unbiased	2.225	2.22	-0.005
2434	30	LDR Biased	2.23	2.245	0.015
2435	30	LDR Biased	2.315	2.32	0.005
2436	30	LDR Biased	2.22	2.16	-0.06
2437	30	LDR Biased	2.275	2.245	-0.03
2438	30	LDR Biased	2.22	2.175	-0.045
2439	30	LDR Unbiased	2.22	2.18	-0.04
2440	30	LDR Unbiased	2.215	2.22	0.005
2441	30	LDR Unbiased	2.265	2.29	0.025
2443	30	LDR Unbiased	2.23	2.24	0.01
2444	30	LDR Unbiased	2.325	2.27	-0.055
3434	50	LDR Biased	2.23	2.23	0
3435	50	LDR Biased	2.315	2.305	-0.01
3436	50	LDR Biased	2.22	2.18	-0.04
3437	50	LDR Biased	2.275	2.24	-0.035
3438	50	LDR Biased	2.22	2.165	-0.055
3439	50	LDR Unbiased	2.22	2.17	-0.05
3440	50	LDR Unbiased	2.215	2.185	-0.03
3441	50	LDR Unbiased	2.265	2.29	0.025
3443	50	LDR Unbiased	2.23	2.23	0
3444	50	LDR Unbiased	2.325	2.255	-0.07
4434	100	LDR Biased	2.23	2.17	-0.06
4435	100	LDR Biased	2.315	2.27	-0.045
4436	100	LDR Biased	2.22	2.205	-0.015
4437	100	LDR Biased	2.275	2.185	-0.09
4438	100	LDR Biased	2.22	2.14	-0.08
4439	100	LDR Unbiased	2.22	2.15	-0.07
4440	100	LDR Unbiased	2.215	2.185	-0.03
4441	100	LDR Unbiased	2.265	2.25	-0.015
4443	100	LDR Unbiased	2.23	2.18	-0.05
4444	100	LDR Unbiased	2.325	2.23	-0.095
4500	150	LDR Biased	2.31	2.23	-0.08
4501	150	LDR Biased	2.24	2.13	-0.11
4502	150	LDR Biased	2.225	2.155	-0.07
4503	150	LDR Biased	2.23	2.135	-0.095
4504	150	LDR Biased	2.2	2.17	-0.03
4505	150	LDR Unbiased	2.195	2.105	-0.09
4506	150	LDR Unbiased	2.25	2.105	-0.145
4507	150	LDR Unbiased	2.255	2.165	-0.09
4508	150	LDR Unbiased	2.215	2.115	-0.1
4509	150	LDR Unbiased	2.235	2.135	-0.1

Test Statistics (V)

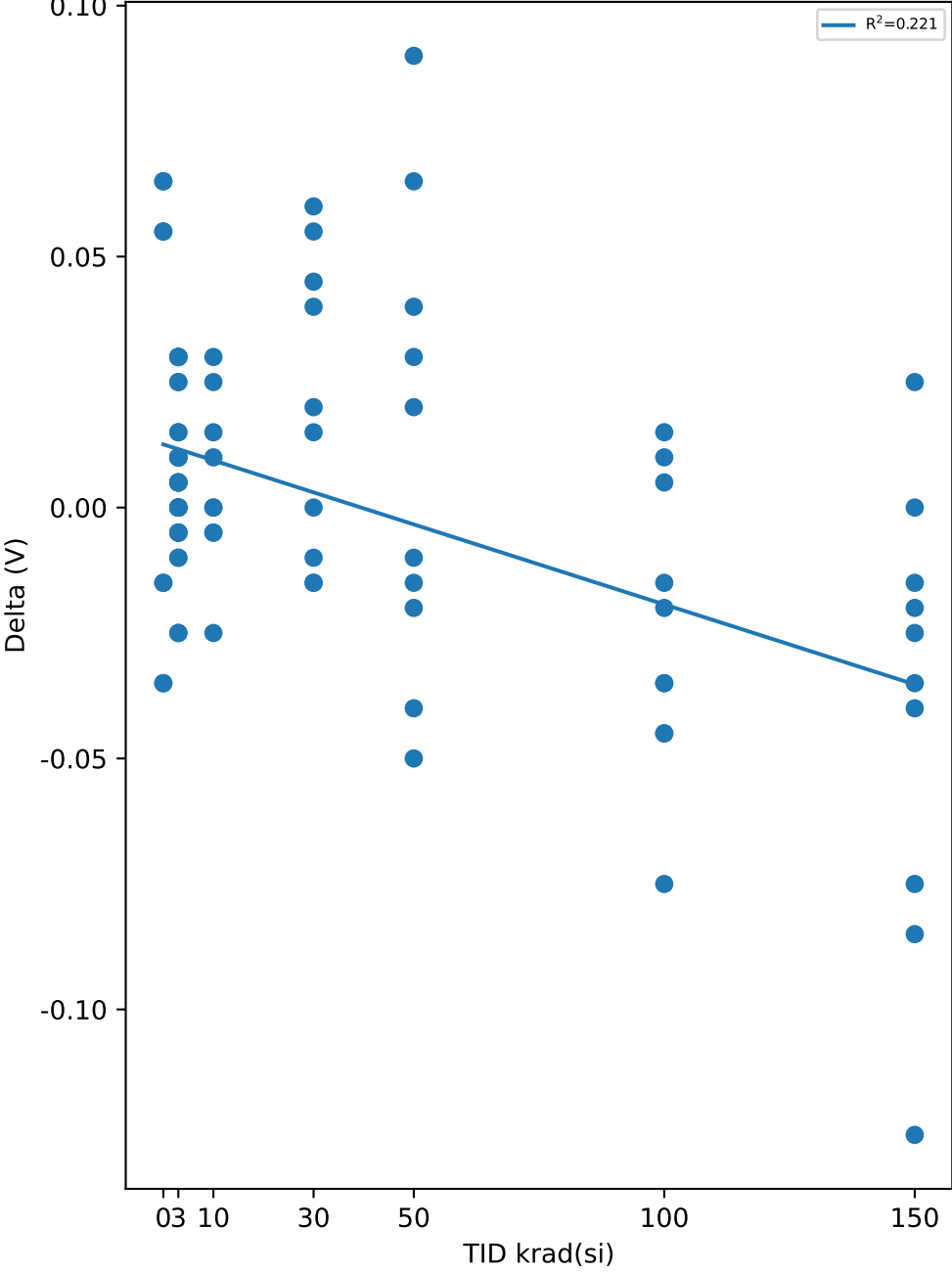
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.23	2.2475	2.265	0.024749	2.24	2.2425	2.245	0.0035355	-0.025	-0.005	0.015	0.028284
3	2.21	2.2333	2.27	0.019843	2.185	2.2211	2.28	0.031502	-0.055	-0.012222	0.02	0.024636
10	2.21	2.2333	2.27	0.019843	2.185	2.225	2.265	0.021937	-0.03	-0.0083333	0.015	0.014577
30	2.215	2.2515	2.325	0.041369	2.16	2.2345	2.32	0.051825	-0.06	-0.017	0.025	0.032076
50	2.215	2.2515	2.325	0.041369	2.165	2.225	2.305	0.049497	-0.07	-0.0265	0.025	0.029538
100	2.215	2.2515	2.325	0.041369	2.14	2.1965	2.27	0.042233	-0.095	-0.055	-0.015	0.029155
150	2.195	2.2355	2.31	0.032698	2.105	2.1445	2.23	0.037819	-0.145	-0.091	-0.03	0.029326

Device Test: 91.1 PWM_LI Fall Thresh VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.15, Upper Limit = 1.85 (V))

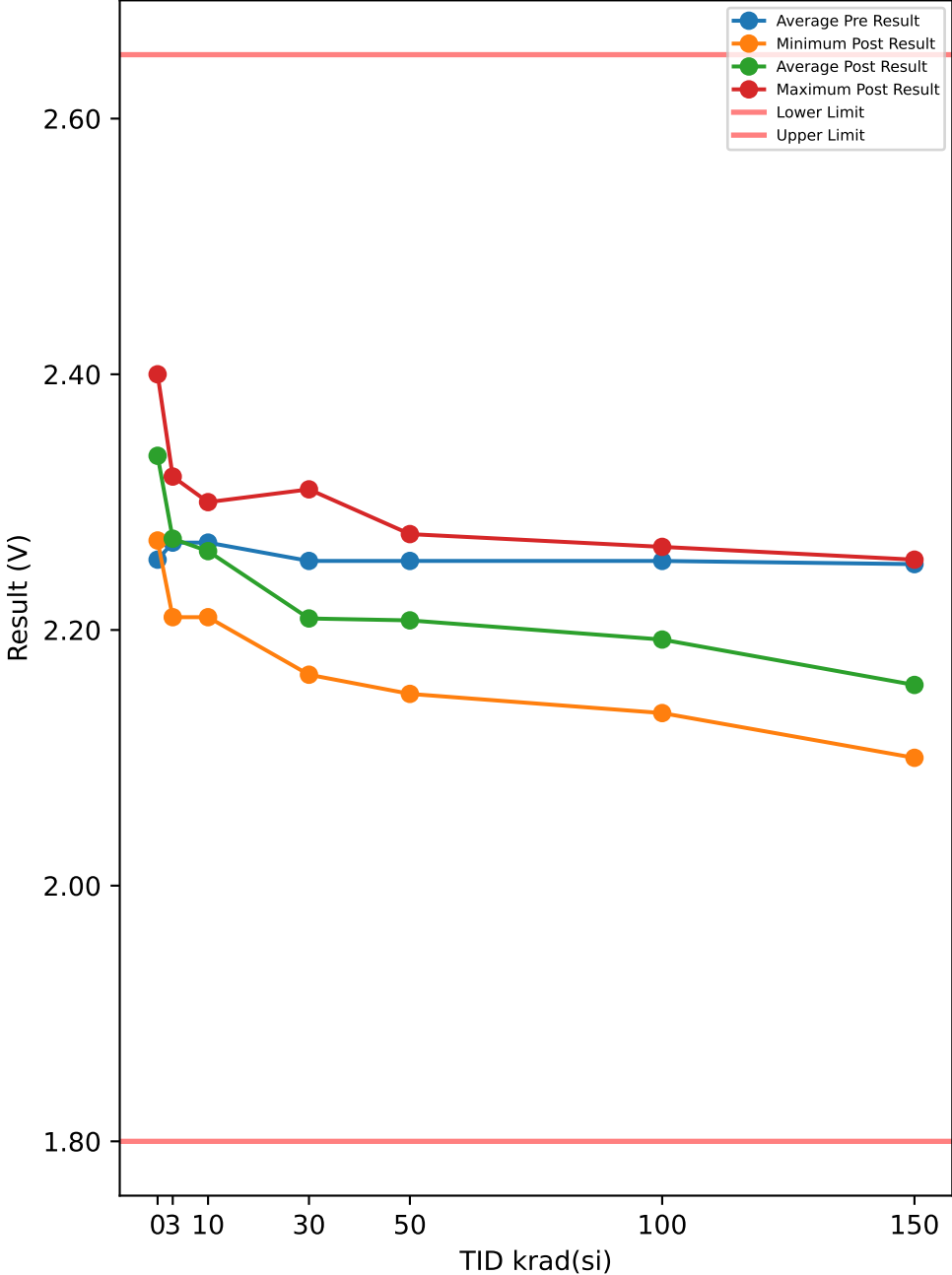
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.45	1.505	0.055
2	0	CORRELATION	1.45	1.415	-0.035
259	3	LDR Biased	1.46	1.49	0.03
426	3	LDR Biased	1.415	1.415	0
427	3	LDR Biased	1.39	1.39	0
428	3	LDR Biased	1.475	1.465	-0.01
429	3	LDR Unbiased	1.4	1.405	0.005
430	3	LDR Unbiased	1.325	1.335	0.01
431	3	LDR Unbiased	1.42	1.425	0.005
432	3	LDR Unbiased	1.395	1.405	0.01
433	3	LDR Unbiased	1.42	1.425	0.005
1259	10	LDR Biased	1.46	1.49	0.03
1426	10	LDR Biased	1.415	1.425	0.01
1427	10	LDR Biased	1.39	1.385	-0.005
1428	10	LDR Biased	1.475	1.45	-0.025
1429	10	LDR Unbiased	1.4	1.4	0
1430	10	LDR Unbiased	1.325	1.35	0.025
1431	10	LDR Unbiased	1.42	1.435	0.015
1432	10	LDR Unbiased	1.395	1.395	0
1433	10	LDR Unbiased	1.42	1.415	-0.005
2434	30	LDR Biased	1.39	1.375	-0.015
2435	30	LDR Biased	1.5	1.49	-0.01
2436	30	LDR Biased	1.405	1.42	0.015
2437	30	LDR Biased	1.39	1.39	0
2438	30	LDR Biased	1.435	1.49	0.055
2439	30	LDR Unbiased	1.445	1.49	0.045
2440	30	LDR Unbiased	1.425	1.485	0.06
2441	30	LDR Unbiased	1.45	1.47	0.02
2443	30	LDR Unbiased	1.45	1.49	0.04
2444	30	LDR Unbiased	1.505	1.49	-0.015
3434	50	LDR Biased	1.39	1.48	0.09
3435	50	LDR Biased	1.5	1.485	-0.015
3436	50	LDR Biased	1.405	1.47	0.065
3437	50	LDR Biased	1.39	1.38	-0.01
3438	50	LDR Biased	1.435	1.385	-0.05
3439	50	LDR Unbiased	1.445	1.485	0.04
3440	50	LDR Unbiased	1.425	1.445	0.02
3441	50	LDR Unbiased	1.45	1.48	0.03
3443	50	LDR Unbiased	1.45	1.41	-0.04
3444	50	LDR Unbiased	1.505	1.485	-0.02
4434	100	LDR Biased	1.39	1.355	-0.035
4435	100	LDR Biased	1.5	1.465	-0.035
4436	100	LDR Biased	1.405	1.385	-0.02
4437	100	LDR Biased	1.39	1.395	0.005
4438	100	LDR Biased	1.435	1.39	-0.045
4439	100	LDR Unbiased	1.445	1.43	-0.015
4440	100	LDR Unbiased	1.425	1.44	0.015
4441	100	LDR Unbiased	1.45	1.46	0.01
4443	100	LDR Unbiased	1.45	1.405	-0.045
4444	100	LDR Unbiased	1.505	1.43	-0.075
4500	150	LDR Biased	1.47	1.385	-0.085
4501	150	LDR Biased	1.45	1.375	-0.075
4502	150	LDR Biased	1.5	1.375	-0.125
4503	150	LDR Biased	1.475	1.45	-0.025
4504	150	LDR Biased	1.415	1.4	-0.015
4505	150	LDR Unbiased	1.475	1.455	-0.02
4506	150	LDR Unbiased	1.48	1.445	-0.035
4507	150	LDR Unbiased	1.485	1.445	-0.04
4508	150	LDR Unbiased	1.43	1.455	0.025
4509	150	LDR Unbiased	1.47	1.47	0

Test Statistics (V)

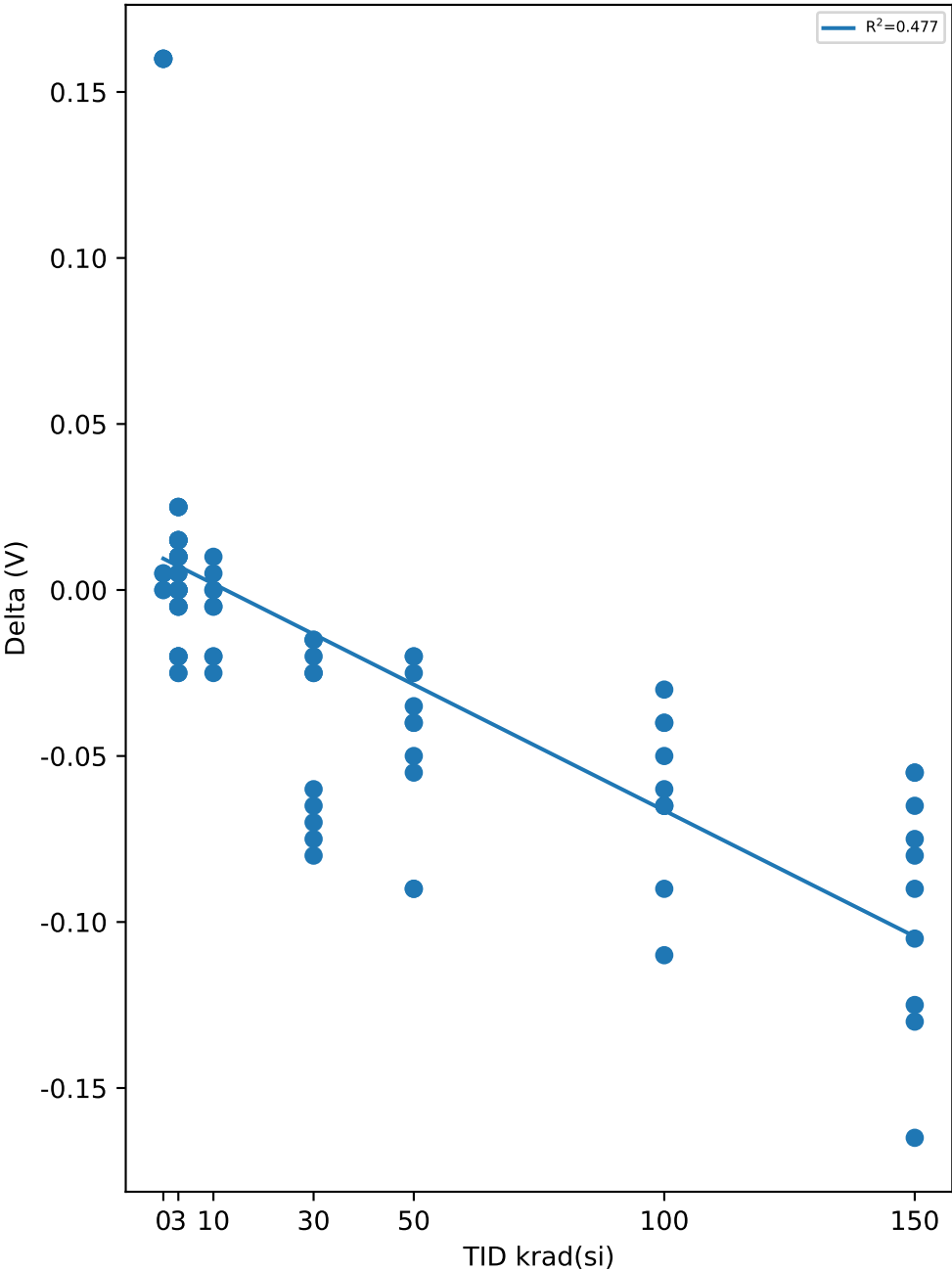
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.45	1.45	1.45	0	1.415	1.46	1.505	0.06364	-0.035	0.01	0.055	0.06364
3	1.325	1.4111	1.475	0.043141	1.335	1.4172	1.49	0.044025	-0.01	0.0061111	0.03	0.010833
10	1.325	1.4111	1.475	0.043141	1.35	1.4161	1.49	0.040449	-0.025	0.005	0.03	0.016956
30	1.39	1.4395	1.505	0.04017	1.375	1.459	1.49	0.045874	-0.015	0.0195	0.06	0.029102
50	1.39	1.4395	1.505	0.04017	1.38	1.4505	1.485	0.042976	-0.05	0.011	0.09	0.045753
100	1.39	1.4395	1.505	0.04017	1.355	1.4155	1.465	0.035312	-0.075	-0.024	0.015	0.028558
150	1.415	1.465	1.5	0.025927	1.375	1.4255	1.47	0.037227	-0.125	-0.0395	0.025	0.044187

Device Test: 91.3 EN_HI Rise Thresh VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.8, Upper Limit = 2.65 (V))

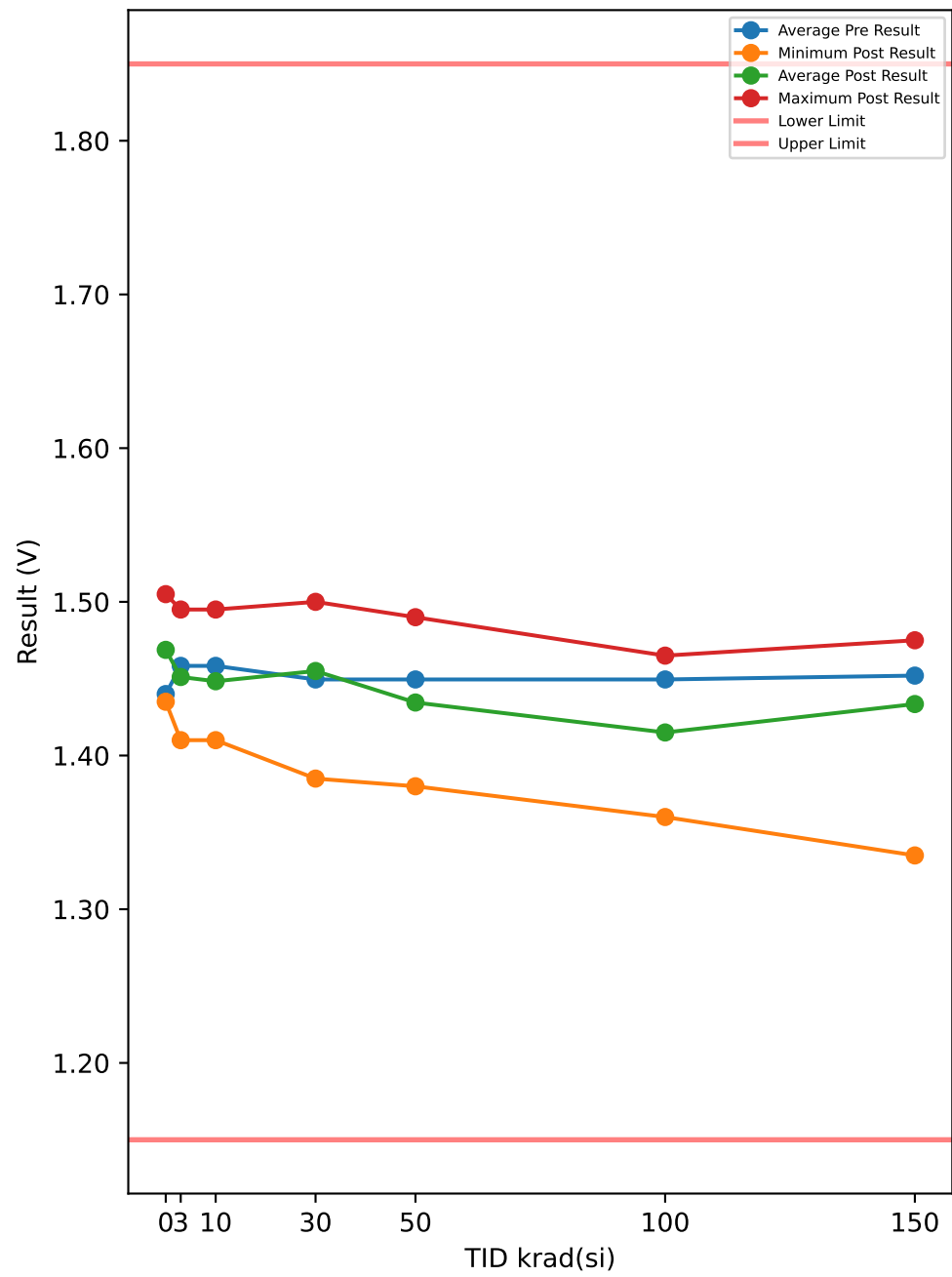
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.24	2.4	0.16
2	0	CORRELATION	2.27	2.275	0.005
259	3	LDR Biased	2.265	2.28	0.015
426	3	LDR Biased	2.24	2.24	0
427	3	LDR Biased	2.29	2.305	0.015
428	3	LDR Biased	2.245	2.27	0.025
429	3	LDR Unbiased	2.275	2.285	0.01
430	3	LDR Unbiased	2.235	2.245	0.01
431	3	LDR Unbiased	2.275	2.275	0
432	3	LDR Unbiased	2.305	2.32	0.015
433	3	LDR Unbiased	2.285	2.31	0.025
1259	10	LDR Biased	2.265	2.275	0.01
1426	10	LDR Biased	2.24	2.22	-0.02
1427	10	LDR Biased	2.29	2.295	0.005
1428	10	LDR Biased	2.245	2.245	0
1429	10	LDR Unbiased	2.275	2.27	-0.005
1430	10	LDR Unbiased	2.235	2.21	-0.025
1431	10	LDR Unbiased	2.275	2.255	-0.02
1432	10	LDR Unbiased	2.305	2.3	-0.005
1433	10	LDR Unbiased	2.285	2.285	0
2434	30	LDR Biased	2.205	2.19	-0.015
2435	30	LDR Biased	2.255	2.18	-0.075
2436	30	LDR Biased	2.255	2.185	-0.07
2437	30	LDR Biased	2.255	2.175	-0.08
2438	30	LDR Biased	2.245	2.185	-0.06
2439	30	LDR Unbiased	2.33	2.31	-0.02
2440	30	LDR Unbiased	2.255	2.23	-0.025
2441	30	LDR Unbiased	2.24	2.225	-0.015
2443	30	LDR Unbiased	2.27	2.245	-0.025
2444	30	LDR Unbiased	2.23	2.165	-0.065
3434	50	LDR Biased	2.205	2.165	-0.04
3435	50	LDR Biased	2.255	2.205	-0.05
3436	50	LDR Biased	2.255	2.235	-0.02
3437	50	LDR Biased	2.255	2.215	-0.04
3438	50	LDR Biased	2.245	2.155	-0.09
3439	50	LDR Unbiased	2.33	2.275	-0.055
3440	50	LDR Unbiased	2.255	2.22	-0.035
3441	50	LDR Unbiased	2.24	2.15	-0.09
3443	50	LDR Unbiased	2.27	2.245	-0.025
3444	50	LDR Unbiased	2.23	2.21	-0.02
4434	100	LDR Biased	2.205	2.145	-0.06
4435	100	LDR Biased	2.255	2.19	-0.065
4436	100	LDR Biased	2.255	2.215	-0.04
4437	100	LDR Biased	2.255	2.205	-0.05
4438	100	LDR Biased	2.245	2.135	-0.11
4439	100	LDR Unbiased	2.33	2.265	-0.065
4440	100	LDR Unbiased	2.255	2.165	-0.09
4441	100	LDR Unbiased	2.24	2.175	-0.065
4443	100	LDR Unbiased	2.27	2.23	-0.04
4444	100	LDR Unbiased	2.23	2.2	-0.03
4500	150	LDR Biased	2.25	2.125	-0.125
4501	150	LDR Biased	2.225	2.12	-0.105
4502	150	LDR Biased	2.21	2.13	-0.08
4503	150	LDR Biased	2.305	2.14	-0.165
4504	150	LDR Biased	2.31	2.255	-0.055
4505	150	LDR Unbiased	2.24	2.185	-0.055
4506	150	LDR Unbiased	2.23	2.1	-0.13
4507	150	LDR Unbiased	2.22	2.155	-0.065
4508	150	LDR Unbiased	2.315	2.225	-0.09
4509	150	LDR Unbiased	2.21	2.135	-0.075

Test Statistics (V)

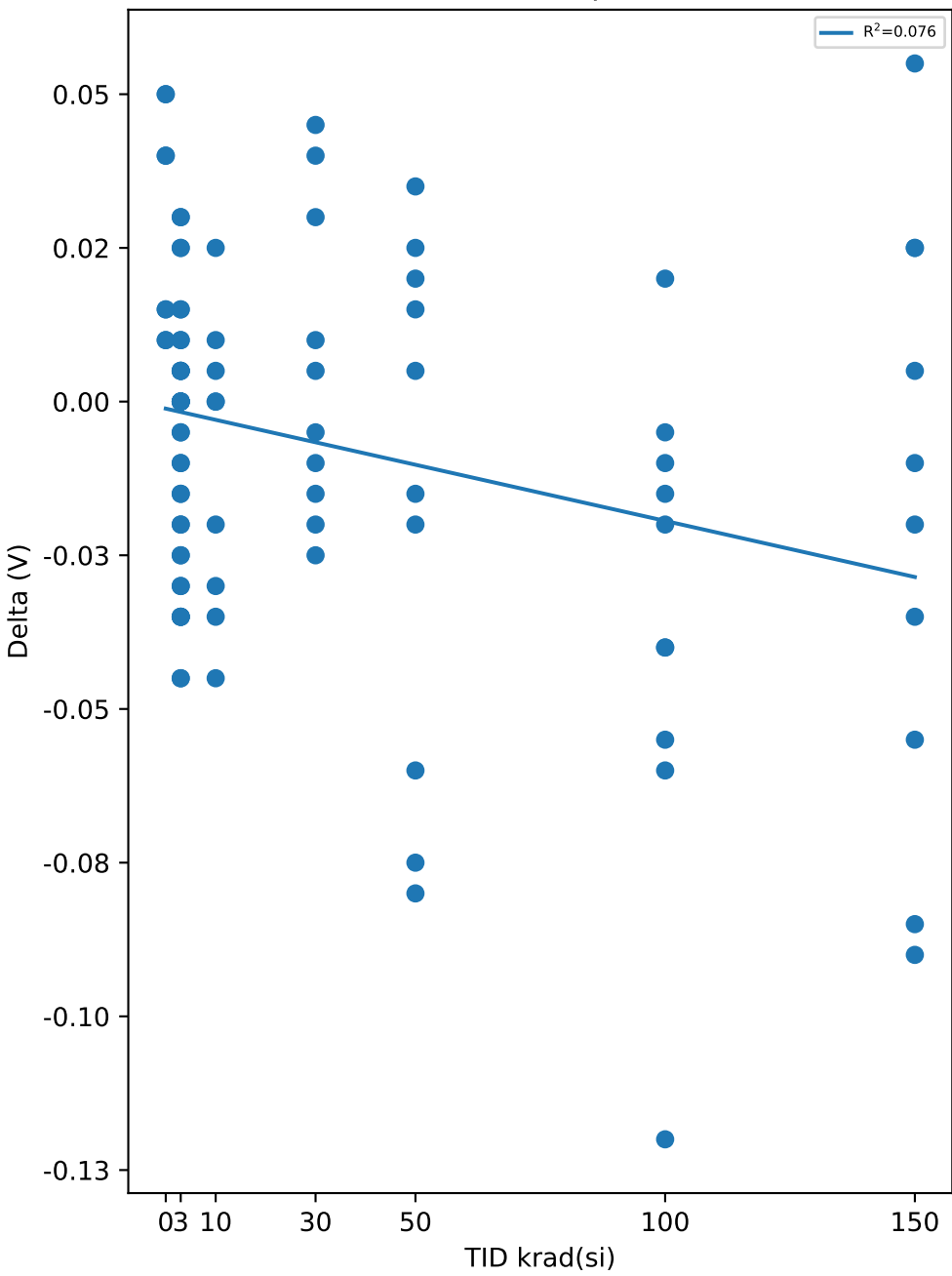
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.24	2.255	2.27	0.021213	2.275	2.3375	2.4	0.088388	0.005	0.0825	0.16	0.1096
3	2.235	2.2683	2.305	0.024109	2.24	2.2811	2.32	0.027588	0	0.012778	0.025	0.0090523
10	2.235	2.2683	2.305	0.024109	2.21	2.2617	2.3	0.03182	-0.025	-0.0066667	0.01	0.012247
30	2.205	2.254	2.33	0.032128	2.165	2.209	2.31	0.044272	-0.08	-0.045	-0.015	0.02708
50	2.205	2.254	2.33	0.032128	2.15	2.2075	2.275	0.040569	-0.09	-0.0465	-0.02	0.025717
100	2.205	2.254	2.33	0.032128	2.135	2.1925	2.265	0.039458	-0.11	-0.0615	-0.03	0.024158
150	2.21	2.2515	2.315	0.042233	2.1	2.157	2.255	0.049621	-0.165	-0.0945	-0.055	0.03632

Device Test: 91.4 EN_HI Fall Thresh VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



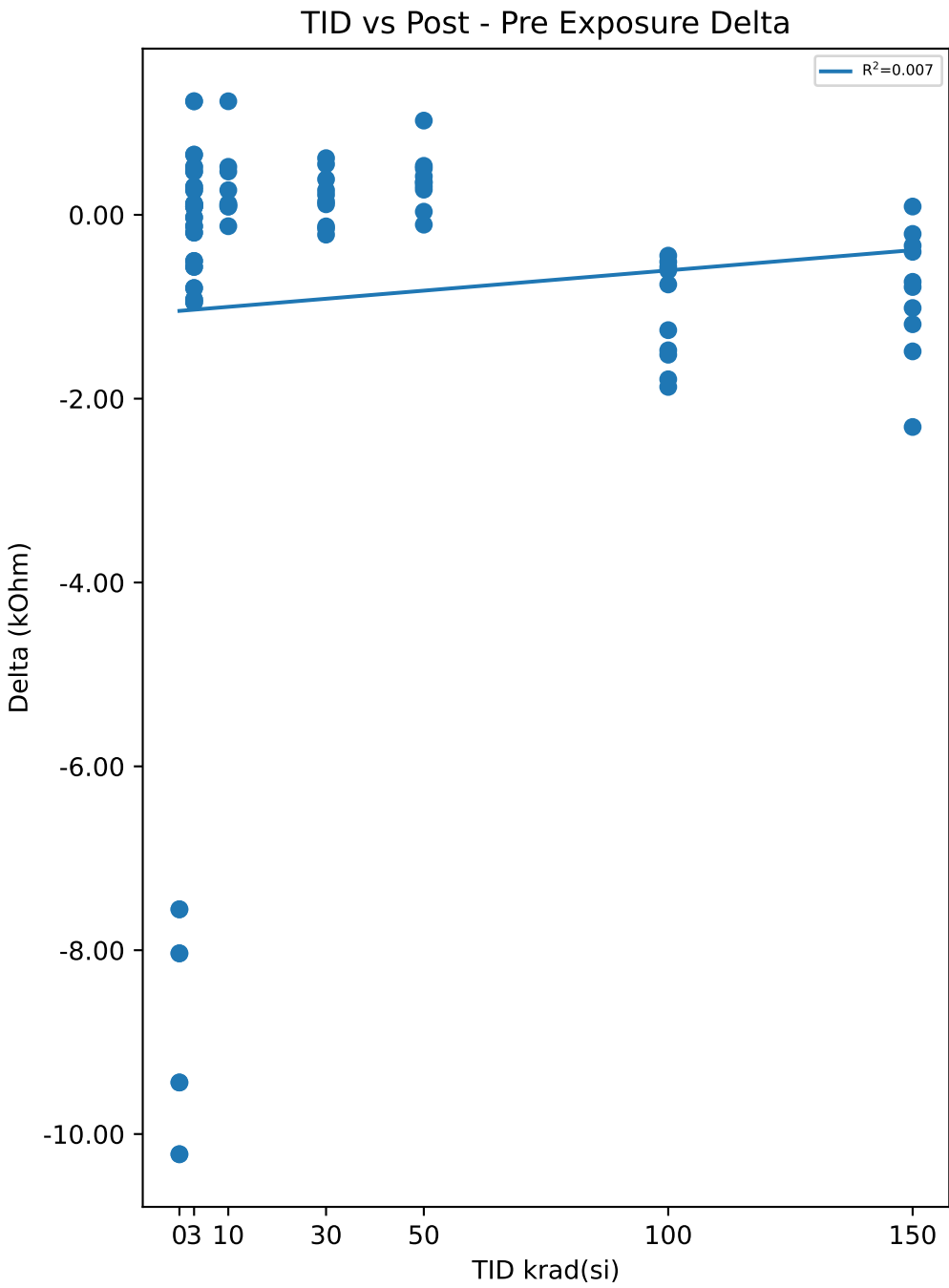
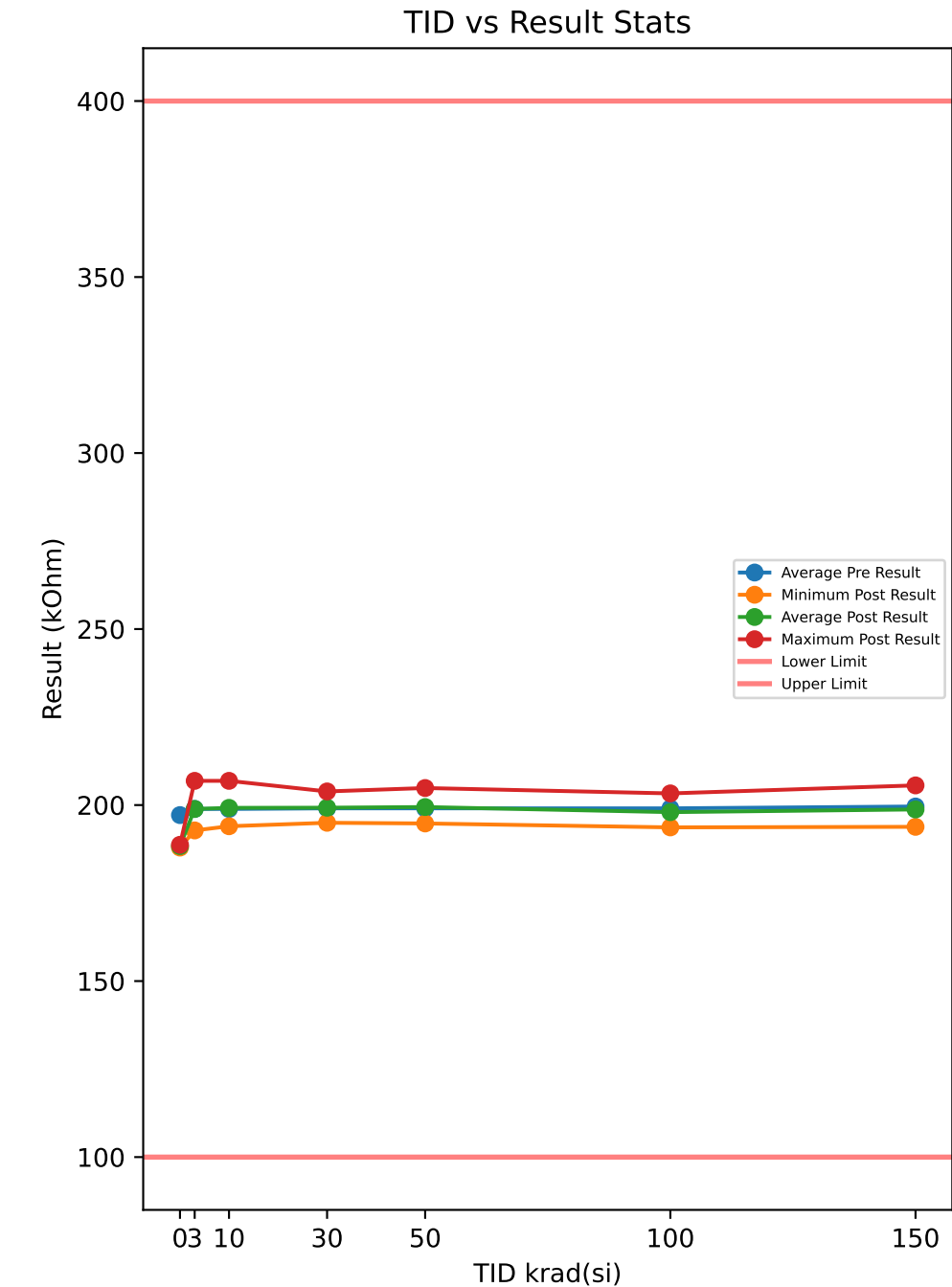
Test Results (Lower Limit = 1.15, Upper Limit = 1.85 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.425	1.435	0.01
2	0	CORRELATION	1.455	1.495	0.04
259	3	LDR Biased	1.475	1.48	0.005
426	3	LDR Biased	1.42	1.435	0.015
427	3	LDR Biased	1.45	1.48	0.03
428	3	LDR Biased	1.46	1.46	0
429	3	LDR Unbiased	1.435	1.43	-0.005
430	3	LDR Unbiased	1.47	1.46	-0.01
431	3	LDR Unbiased	1.44	1.425	-0.015
432	3	LDR Unbiased	1.475	1.45	-0.025
433	3	LDR Unbiased	1.5	1.465	-0.035
1259	10	LDR Biased	1.475	1.455	-0.02
1426	10	LDR Biased	1.42	1.43	0.01
1427	10	LDR Biased	1.45	1.45	0
1428	10	LDR Biased	1.46	1.465	0.005
1429	10	LDR Unbiased	1.435	1.435	0
1430	10	LDR Unbiased	1.47	1.495	0.025
1431	10	LDR Unbiased	1.44	1.41	-0.03
1432	10	LDR Unbiased	1.475	1.44	-0.035
1433	10	LDR Unbiased	1.5	1.455	-0.045
2434	30	LDR Biased	1.505	1.5	-0.005
2435	30	LDR Biased	1.4	1.385	-0.015
2436	30	LDR Biased	1.475	1.485	0.01
2437	30	LDR Biased	1.405	1.41	0.005
2438	30	LDR Biased	1.455	1.485	0.03
2439	30	LDR Unbiased	1.445	1.42	-0.025
2440	30	LDR Unbiased	1.43	1.475	0.045
2441	30	LDR Unbiased	1.425	1.405	-0.02
2443	30	LDR Unbiased	1.455	1.495	0.04
2444	30	LDR Unbiased	1.5	1.49	-0.01
3434	50	LDR Biased	1.505	1.43	-0.075
3435	50	LDR Biased	1.4	1.38	-0.02
3436	50	LDR Biased	1.475	1.48	0.005
3437	50	LDR Biased	1.405	1.425	0.02
3438	50	LDR Biased	1.455	1.48	0.025
3439	50	LDR Unbiased	1.445	1.385	-0.06
3440	50	LDR Unbiased	1.43	1.415	-0.015
3441	50	LDR Unbiased	1.425	1.44	0.015
3443	50	LDR Unbiased	1.455	1.49	0.035
3444	50	LDR Unbiased	1.5	1.42	-0.08
4434	100	LDR Biased	1.505	1.445	-0.06
4435	100	LDR Biased	1.4	1.36	-0.04
4436	100	LDR Biased	1.475	1.465	-0.01
4437	100	LDR Biased	1.405	1.4	-0.005
4438	100	LDR Biased	1.455	1.44	-0.015
4439	100	LDR Unbiased	1.445	1.405	-0.04
4440	100	LDR Unbiased	1.43	1.45	0.02
4441	100	LDR Unbiased	1.425	1.37	-0.055
4443	100	LDR Unbiased	1.455	1.435	-0.02
4444	100	LDR Unbiased	1.5	1.38	-0.12
4500	150	LDR Biased	1.425	1.45	0.025
4501	150	LDR Biased	1.435	1.415	-0.02
4502	150	LDR Biased	1.505	1.47	-0.035
4503	150	LDR Biased	1.455	1.46	0.005
4504	150	LDR Biased	1.42	1.475	0.055
4505	150	LDR Unbiased	1.505	1.45	-0.055
4506	150	LDR Unbiased	1.435	1.345	-0.09
4507	150	LDR Unbiased	1.42	1.335	-0.085
4508	150	LDR Unbiased	1.44	1.465	0.025
4509	150	LDR Unbiased	1.48	1.47	-0.01

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	1.425	1.44	1.455	0.021213	1.435	1.465	1.495	0.042426	0.01	0.025	0.04	0.021213
3	1.42	1.4583	1.5	0.024622	1.425	1.4539	1.48	0.020429	-0.035	-0.0044444	0.03	0.019913
10	1.42	1.4583	1.5	0.024622	1.41	1.4483	1.495	0.023979	-0.045	-0.01	0.025	0.023452
30	1.4	1.4495	1.505	0.036167	1.385	1.455	1.5	0.044347	-0.025	0.0055	0.045	0.025216
50	1.4	1.4495	1.505	0.036167	1.38	1.4345	1.49	0.038547	-0.08	-0.015	0.035	0.042817
100	1.4	1.4495	1.505	0.036167	1.36	1.415	1.465	0.036893	-0.12	-0.0345	0.02	0.03869
150	1.42	1.452	1.505	0.033183	1.335	1.4335	1.475	0.052178	-0.09	-0.0185	0.055	0.04825

Device Test: 91.6 PWM_LI Pull Down Resistance VIN_12V

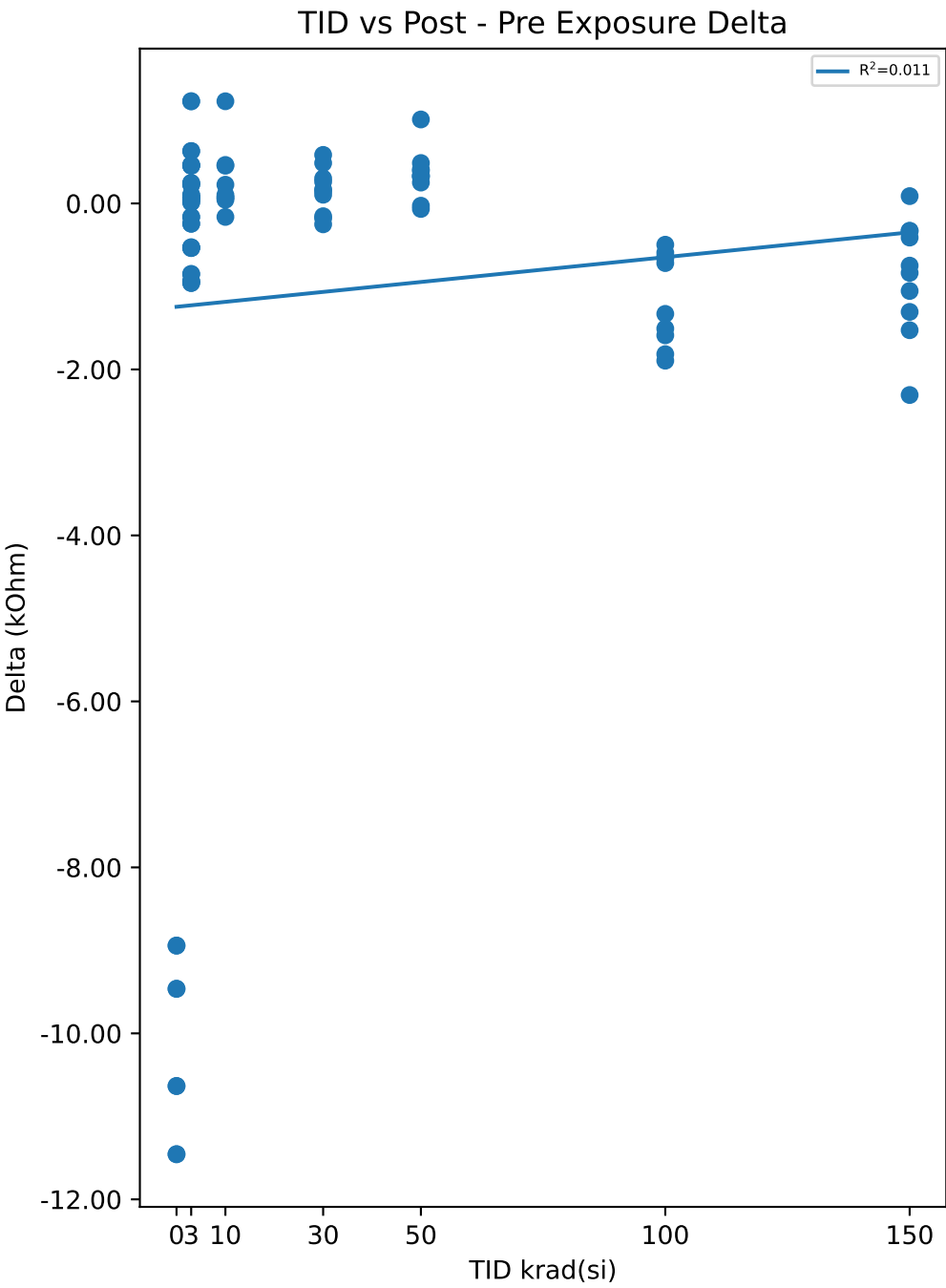
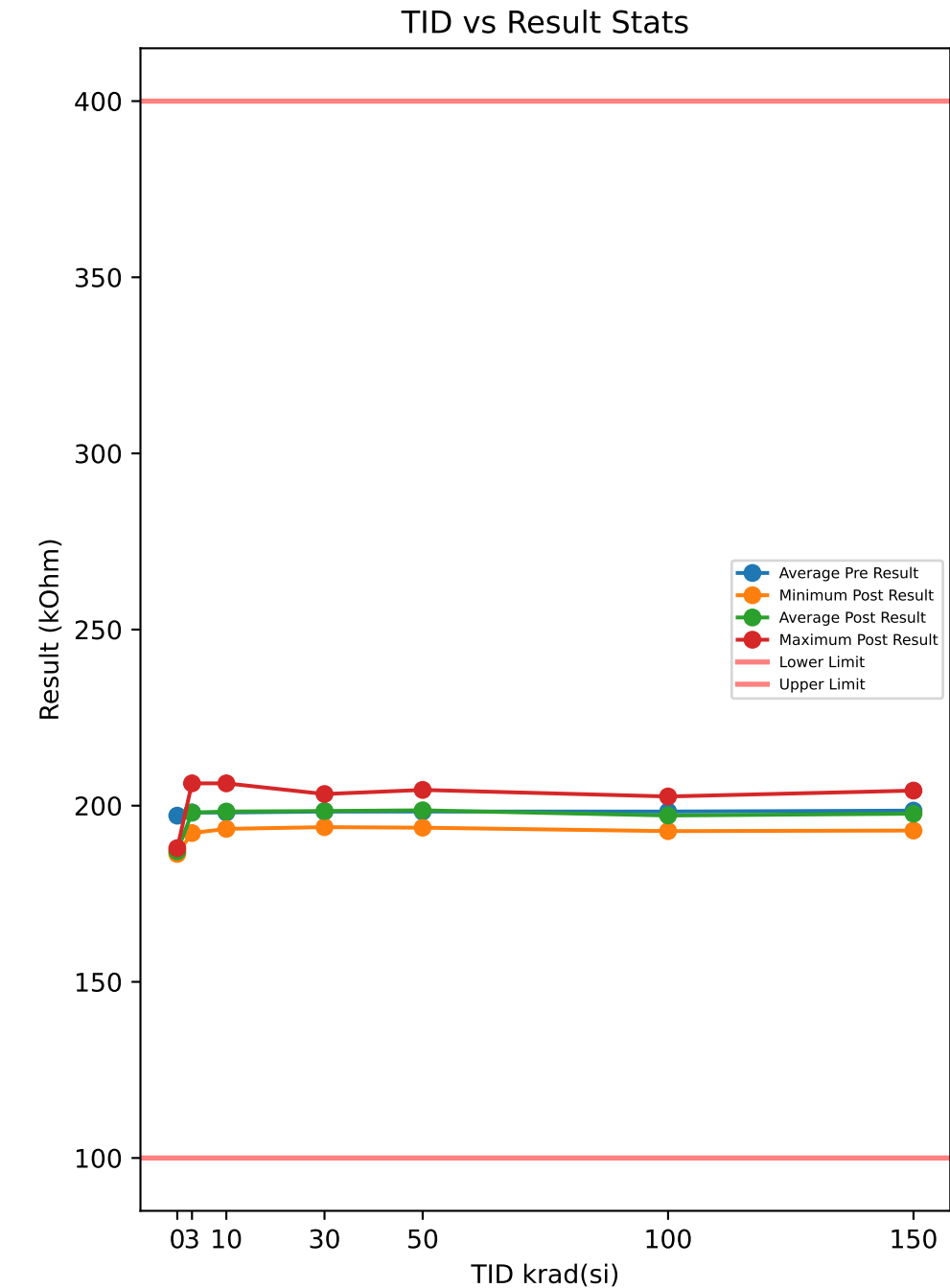


Test Results (Lower Limit = 100.0, Upper Limit = 400.0 (kOhm))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	196.16	188.13	-8.0342
2	0	CORRELATION	198.15	187.93	-10.22
259	3	LDR Biased	200.36	200.33	-0.0284
426	3	LDR Biased	202.06	201.49	-0.5662
427	3	LDR Biased	198.64	197.69	-0.9508
428	3	LDR Biased	200.38	200.19	-0.1939
429	3	LDR Unbiased	206.41	205.91	-0.5019
430	3	LDR Unbiased	197.27	196.47	-0.7967
431	3	LDR Unbiased	195.22	195.53	0.3062
432	3	LDR Unbiased	193.72	192.8	-0.9204
433	3	LDR Unbiased	196.05	196.7	0.6544
1259	10	LDR Biased	200.36	200.45	0.0889
1426	10	LDR Biased	202.06	203.29	1.2354
1427	10	LDR Biased	198.64	199.16	0.5222
1428	10	LDR Biased	200.38	200.26	-0.1239
1429	10	LDR Unbiased	206.41	206.88	0.4713
1430	10	LDR Unbiased	197.27	197.38	0.1113
1431	10	LDR Unbiased	195.22	195.31	0.0917
1432	10	LDR Unbiased	193.72	193.99	0.2682
1433	10	LDR Unbiased	196.05	196.17	0.1217
2434	30	LDR Biased	203.76	203.87	0.1146
2435	30	LDR Biased	198.5	198.89	0.3868
2436	30	LDR Biased	194.42	194.97	0.5512
2437	30	LDR Biased	196.4	196.62	0.2187
2438	30	LDR Biased	198.04	198.65	0.6164
2439	30	LDR Unbiased	202.75	202.54	-0.2156
2440	30	LDR Unbiased	203.81	203.69	-0.1257
2441	30	LDR Unbiased	196.16	196.31	0.1449
2443	30	LDR Unbiased	198.15	198	-0.1502
2444	30	LDR Unbiased	198.72	198.99	0.2674
3434	50	LDR Biased	203.76	204.11	0.3487
3435	50	LDR Biased	198.5	199.01	0.5048
3436	50	LDR Biased	194.42	194.78	0.358
3437	50	LDR Biased	196.4	196.43	0.0341
3438	50	LDR Biased	198.04	198.35	0.3095
3439	50	LDR Unbiased	202.75	203.17	0.419
3440	50	LDR Unbiased	203.81	204.84	1.025
3441	50	LDR Unbiased	196.16	196.05	-0.1071
3443	50	LDR Unbiased	198.15	198.69	0.5329
3444	50	LDR Unbiased	198.72	199	0.2737
4434	100	LDR Biased	203.76	203.31	-0.4441
4435	100	LDR Biased	198.5	197.99	-0.5119
4436	100	LDR Biased	194.42	193.66	-0.7574
4437	100	LDR Biased	196.4	195.79	-0.6046
4438	100	LDR Biased	198.04	197.47	-0.5672
4439	100	LDR Unbiased	202.75	200.88	-1.8723
4440	100	LDR Unbiased	203.81	202.56	-1.2547
4441	100	LDR Unbiased	196.16	194.69	-1.474
4443	100	LDR Unbiased	198.15	196.63	-1.5218
4444	100	LDR Unbiased	198.72	196.93	-1.7891
4500	150	LDR Biased	204.75	204.54	-0.2078
4501	150	LDR Biased	205.5	205.59	0.0902
4502	150	LDR Biased	200.45	199.43	-1.0138
4503	150	LDR Biased	198.7	197.22	-1.4855
4504	150	LDR Biased	195.48	194.29	-1.1903
4505	150	LDR Unbiased	197.56	197.15	-0.4027
4506	150	LDR Unbiased	194.16	193.82	-0.3357
4507	150	LDR Unbiased	201.12	200.39	-0.729
4508	150	LDR Unbiased	196.69	195.91	-0.7852
4509	150	LDR Unbiased	201.53	199.22	-2.3081

Test Statistics (kOhm)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	196.16	197.16	198.15	1.4086	187.93	188.03	188.13	0.13661	-10.22	-9.1269	-8.0342	1.5452
3	193.72	198.9	206.41	3.9041	192.8	198.57	205.91	3.8622	-0.9508	-0.33308	0.6544	0.56128
10	193.72	198.9	206.41	3.9041	193.99	199.21	206.88	4.0806	-0.1239	0.30964	1.2354	0.40139
30	194.42	199.07	203.81	3.294	194.97	199.25	203.87	3.1255	-0.2156	0.18085	0.6164	0.28764
50	194.42	199.07	203.81	3.294	194.78	199.44	204.84	3.4846	-0.1071	0.36986	1.025	0.3037
100	194.42	199.07	203.81	3.294	193.66	197.99	203.31	3.254	-1.8723	-1.0797	-0.4441	0.56092
150	194.16	199.59	205.5	3.7725	193.82	198.76	205.59	3.9561	-2.3081	-0.83679	0.0902	0.70322

Device Test: 91.7 EN_HI Pull Down Resistance VIN_12V



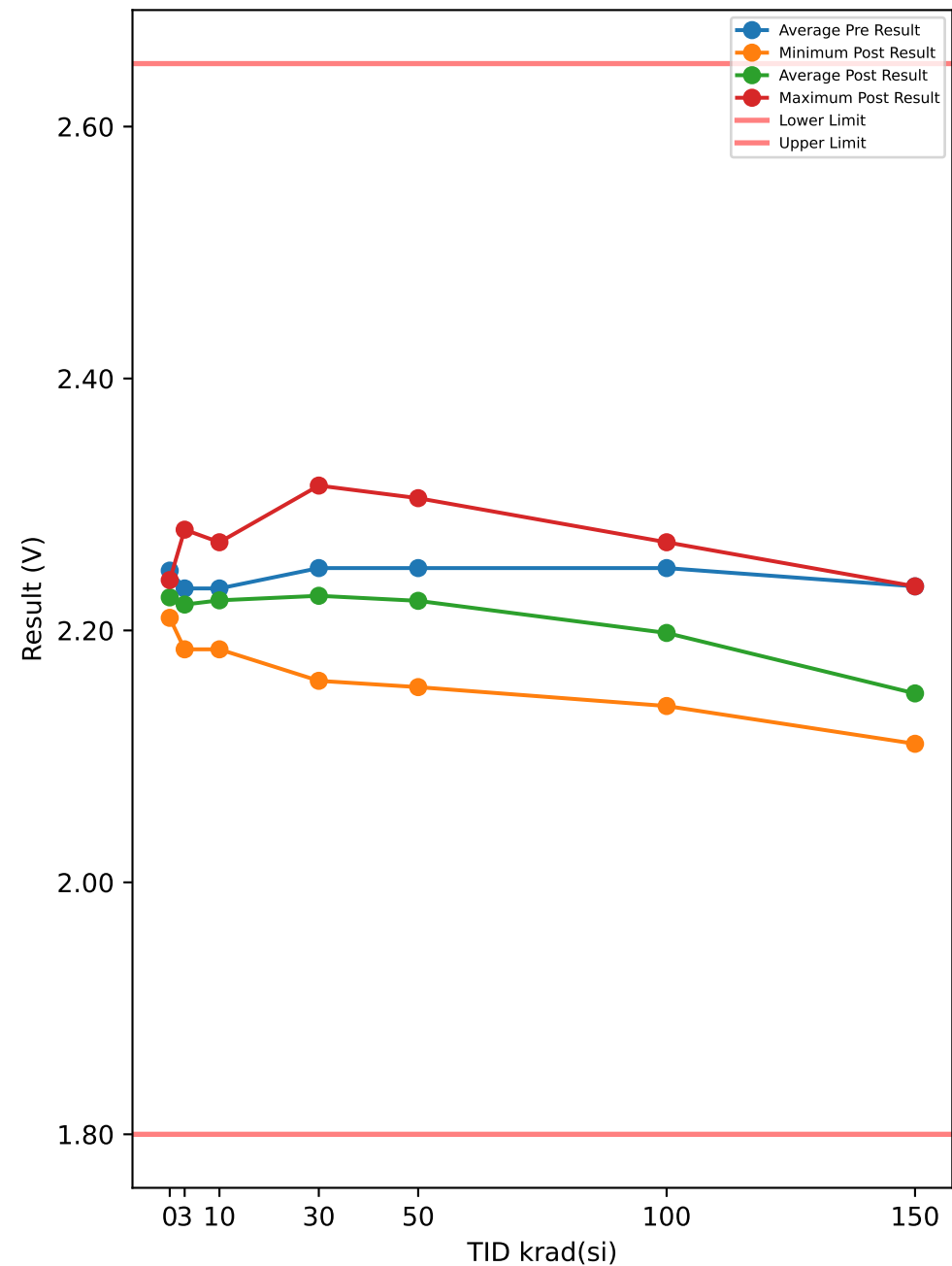
Test Results (Lower Limit = 100.0, Upper Limit = 400.0 (kOhm))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	195.77	186.31	-9.4629
2	0	CORRELATION	198.58	187.12	-11.456
259	3	LDR Biased	199.38	199.39	0.0129
426	3	LDR Biased	200.78	200.24	-0.5373
427	3	LDR Biased	197.26	196.32	-0.9357
428	3	LDR Biased	199.3	199.05	-0.2442
429	3	LDR Unbiased	205.89	205.36	-0.5288
430	3	LDR Unbiased	196.43	195.58	-0.8505
431	3	LDR Unbiased	194.37	194.61	0.2463
432	3	LDR Unbiased	193.2	192.24	-0.9581
433	3	LDR Unbiased	196.02	196.65	0.6309
1259	10	LDR Biased	199.38	199.48	0.1028
1426	10	LDR Biased	200.78	202.01	1.2312
1427	10	LDR Biased	197.26	197.72	0.4637
1428	10	LDR Biased	199.3	199.13	-0.1624
1429	10	LDR Unbiased	205.89	206.34	0.4544
1430	10	LDR Unbiased	196.43	196.5	0.0687
1431	10	LDR Unbiased	194.37	194.41	0.044
1432	10	LDR Unbiased	193.2	193.42	0.2258
1433	10	LDR Unbiased	196.02	196.09	0.074
2434	30	LDR Biased	203.11	203.22	0.105
2435	30	LDR Biased	197.5	197.8	0.3015
2436	30	LDR Biased	193.43	193.91	0.4868
2437	30	LDR Biased	194.94	195.11	0.171
2438	30	LDR Biased	196.37	196.96	0.585
2439	30	LDR Unbiased	201.82	201.57	-0.2516
2440	30	LDR Unbiased	203.47	203.31	-0.154
2441	30	LDR Unbiased	195.77	195.92	0.1494
2443	30	LDR Unbiased	198.58	198.4	-0.1791
2444	30	LDR Unbiased	198.45	198.71	0.2621
3434	50	LDR Biased	203.11	203.45	0.3358
3435	50	LDR Biased	197.5	197.91	0.4108
3436	50	LDR Biased	193.43	193.76	0.3314
3437	50	LDR Biased	194.94	194.91	-0.0274
3438	50	LDR Biased	196.37	196.69	0.32
3439	50	LDR Unbiased	201.82	202.22	0.3924
3440	50	LDR Unbiased	203.47	204.48	1.012
3441	50	LDR Unbiased	195.77	195.71	-0.0664
3443	50	LDR Unbiased	198.58	199.06	0.487
3444	50	LDR Unbiased	198.45	198.7	0.2517
4434	100	LDR Biased	203.11	202.62	-0.4972
4435	100	LDR Biased	197.5	196.84	-0.6628
4436	100	LDR Biased	193.43	192.79	-0.6409
4437	100	LDR Biased	194.94	194.22	-0.7187
4438	100	LDR Biased	196.37	195.78	-0.5934
4439	100	LDR Unbiased	201.82	199.93	-1.8947
4440	100	LDR Unbiased	203.47	202.13	-1.3306
4441	100	LDR Unbiased	195.77	194.27	-1.5081
4443	100	LDR Unbiased	198.58	196.99	-1.5891
4444	100	LDR Unbiased	198.45	196.64	-1.8159
4500	150	LDR Biased	203.28	202.95	-0.3298
4501	150	LDR Biased	204.2	204.29	0.0883
4502	150	LDR Biased	197.77	196.72	-1.0546
4503	150	LDR Biased	196.89	195.36	-1.5273
4504	150	LDR Biased	194.65	193.34	-1.3067
4505	150	LDR Unbiased	198.08	197.67	-0.4112
4506	150	LDR Unbiased	193.28	192.95	-0.3314
4507	150	LDR Unbiased	199.88	199.13	-0.7492
4508	150	LDR Unbiased	196.7	195.86	-0.8366
4509	150	LDR Unbiased	201.3	198.99	-2.3083

Test Statistics (kOhm)

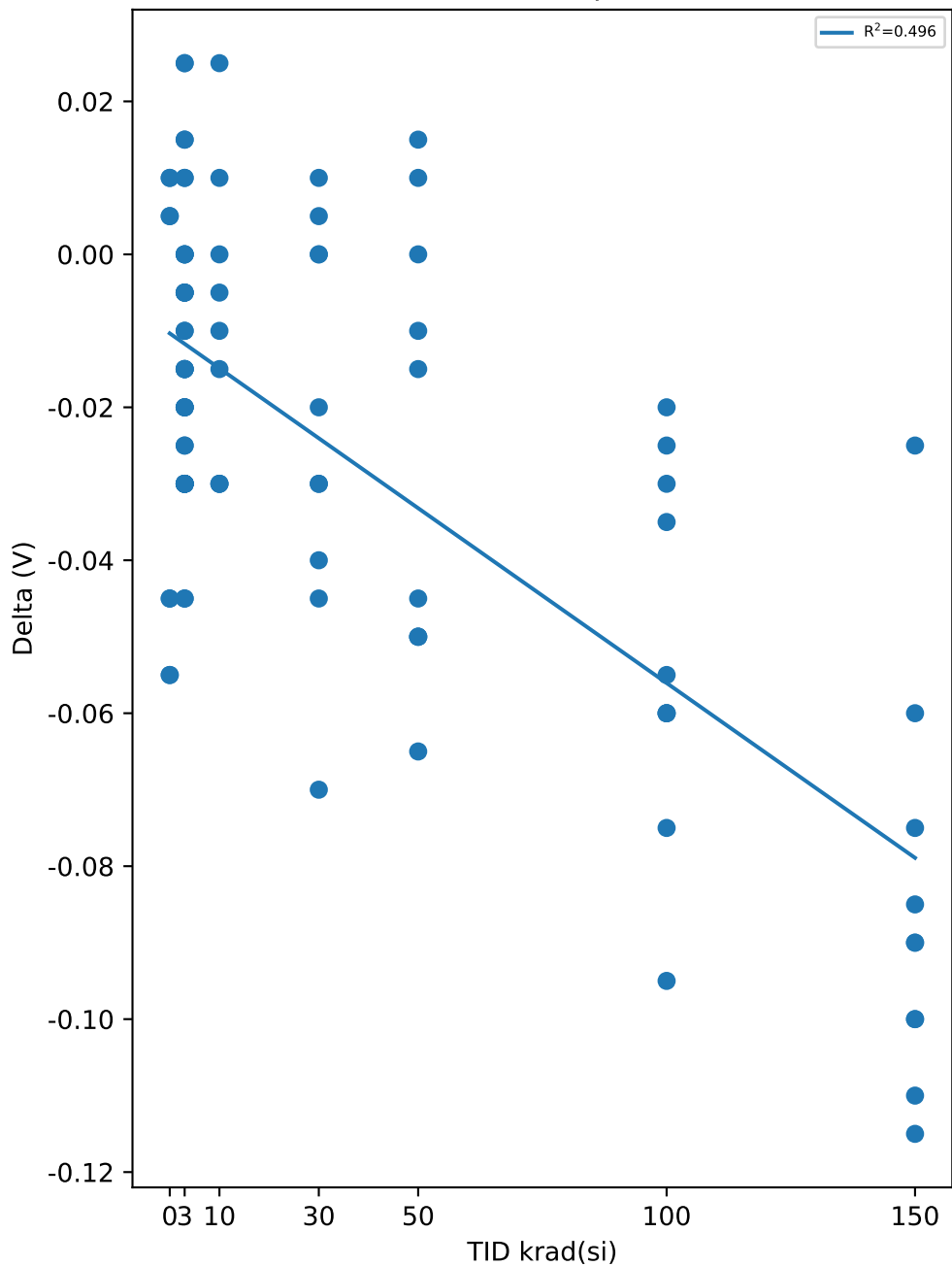
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	195.77	197.18	198.58	1.9813	186.31	186.72	187.12	0.57184	-11.456	-10.46	-9.4629	1.4095
3	193.2	198.07	205.89	3.8186	192.24	197.72	205.36	3.8181	-0.9581	-0.35161	0.6309	0.55801
10	193.2	198.07	205.89	3.8186	193.42	198.35	206.34	3.9976	-0.1624	0.27802	1.2312	0.40953
30	193.43	198.34	203.47	3.4664	193.91	198.49	203.31	3.2822	-0.2516	0.14761	0.585	0.2794
50	193.43	198.34	203.47	3.4664	193.76	198.69	204.48	3.664	-0.0664	0.34473	1.012	0.29612
100	193.43	198.34	203.47	3.4664	192.79	197.22	202.62	3.3438	-1.8947	-1.1251	-0.4972	0.55418
150	193.28	198.6	204.2	3.5531	192.95	197.73	204.29	3.7426	-2.3083	-0.87668	0.0883	0.70329

Device Test: 92.0 PWM_LI Rise Thresh VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.8, Upper Limit = 2.65 (V))

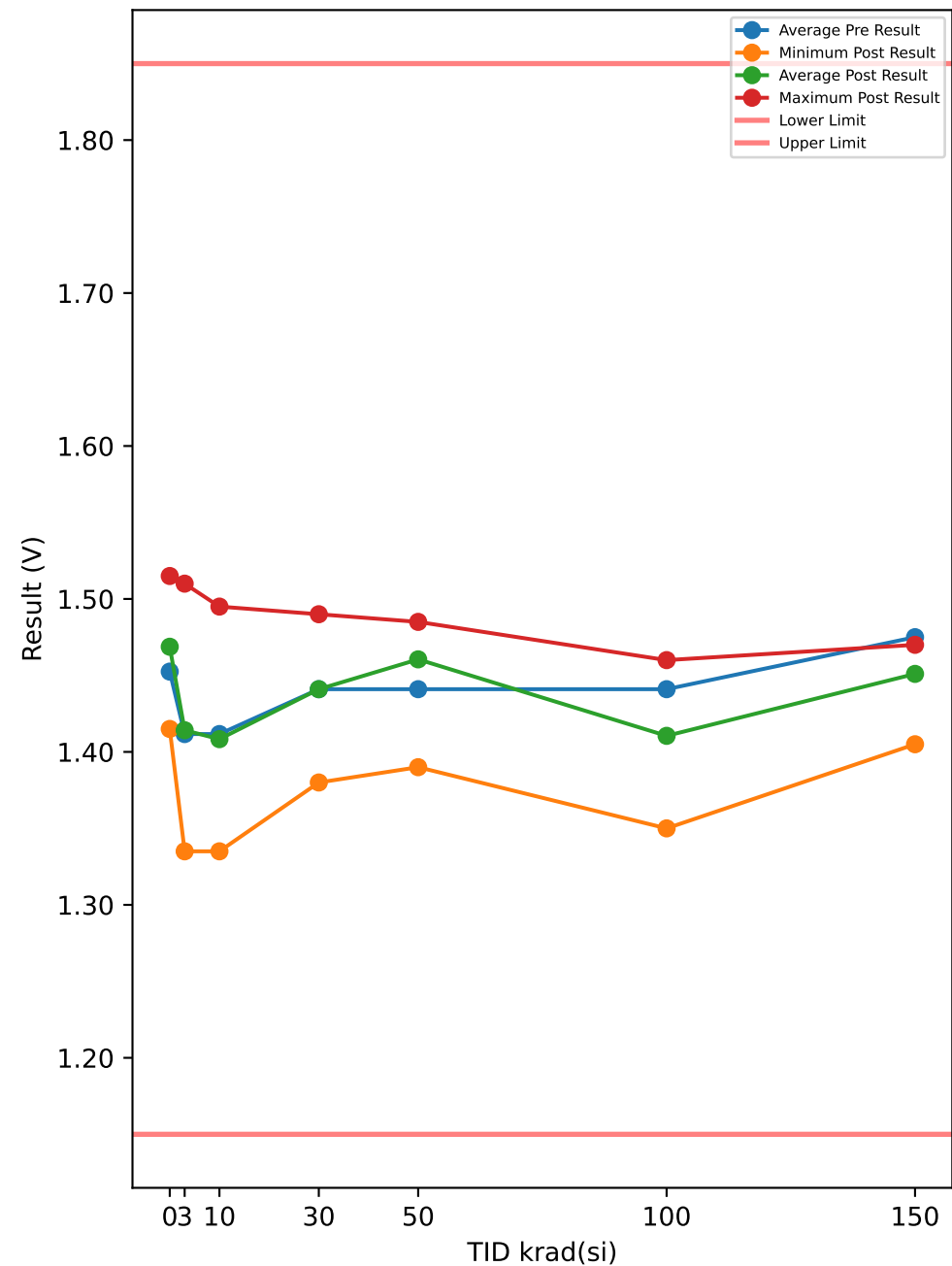
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.265	2.22	-0.045
2	0	CORRELATION	2.23	2.24	0.01
259	3	LDR Biased	2.235	2.205	-0.03
426	3	LDR Biased	2.28	2.28	0
427	3	LDR Biased	2.215	2.23	0.015
428	3	LDR Biased	2.25	2.205	-0.045
429	3	LDR Unbiased	2.24	2.235	-0.005
430	3	LDR Unbiased	2.25	2.23	-0.02
431	3	LDR Unbiased	2.2	2.185	-0.015
432	3	LDR Unbiased	2.215	2.195	-0.02
433	3	LDR Unbiased	2.215	2.19	-0.025
1259	10	LDR Biased	2.235	2.235	0
1426	10	LDR Biased	2.28	2.27	-0.01
1427	10	LDR Biased	2.215	2.24	0.025
1428	10	LDR Biased	2.25	2.22	-0.03
1429	10	LDR Unbiased	2.24	2.225	-0.015
1430	10	LDR Unbiased	2.25	2.22	-0.03
1431	10	LDR Unbiased	2.2	2.21	0.01
1432	10	LDR Unbiased	2.215	2.185	-0.03
1433	10	LDR Unbiased	2.215	2.21	-0.005
2434	30	LDR Biased	2.225	2.18	-0.045
2435	30	LDR Biased	2.305	2.315	0.01
2436	30	LDR Biased	2.23	2.16	-0.07
2437	30	LDR Biased	2.285	2.265	-0.02
2438	30	LDR Biased	2.215	2.185	-0.03
2439	30	LDR Unbiased	2.22	2.18	-0.04
2440	30	LDR Unbiased	2.22	2.22	0
2441	30	LDR Unbiased	2.265	2.27	0.005
2443	30	LDR Unbiased	2.23	2.23	0
2444	30	LDR Unbiased	2.3	2.27	-0.03
3434	50	LDR Biased	2.225	2.24	0.015
3435	50	LDR Biased	2.305	2.305	0
3436	50	LDR Biased	2.23	2.215	-0.015
3437	50	LDR Biased	2.285	2.24	-0.045
3438	50	LDR Biased	2.215	2.165	-0.05
3439	50	LDR Unbiased	2.22	2.17	-0.05
3440	50	LDR Unbiased	2.22	2.155	-0.065
3441	50	LDR Unbiased	2.265	2.275	0.01
3443	50	LDR Unbiased	2.23	2.22	-0.01
3444	50	LDR Unbiased	2.3	2.25	-0.05
4434	100	LDR Biased	2.225	2.165	-0.06
4435	100	LDR Biased	2.305	2.27	-0.035
4436	100	LDR Biased	2.23	2.205	-0.025
4437	100	LDR Biased	2.285	2.19	-0.095
4438	100	LDR Biased	2.215	2.14	-0.075
4439	100	LDR Unbiased	2.22	2.16	-0.06
4440	100	LDR Unbiased	2.22	2.19	-0.03
4441	100	LDR Unbiased	2.265	2.245	-0.02
4443	100	LDR Unbiased	2.23	2.175	-0.055
4444	100	LDR Unbiased	2.3	2.24	-0.06
4500	150	LDR Biased	2.31	2.235	-0.075
4501	150	LDR Biased	2.23	2.13	-0.1
4502	150	LDR Biased	2.21	2.15	-0.06
4503	150	LDR Biased	2.23	2.13	-0.1
4504	150	LDR Biased	2.205	2.18	-0.025
4505	150	LDR Unbiased	2.195	2.11	-0.085
4506	150	LDR Unbiased	2.26	2.145	-0.115
4507	150	LDR Unbiased	2.265	2.155	-0.11
4508	150	LDR Unbiased	2.205	2.115	-0.09
4509	150	LDR Unbiased	2.24	2.15	-0.09

Test Statistics (V)

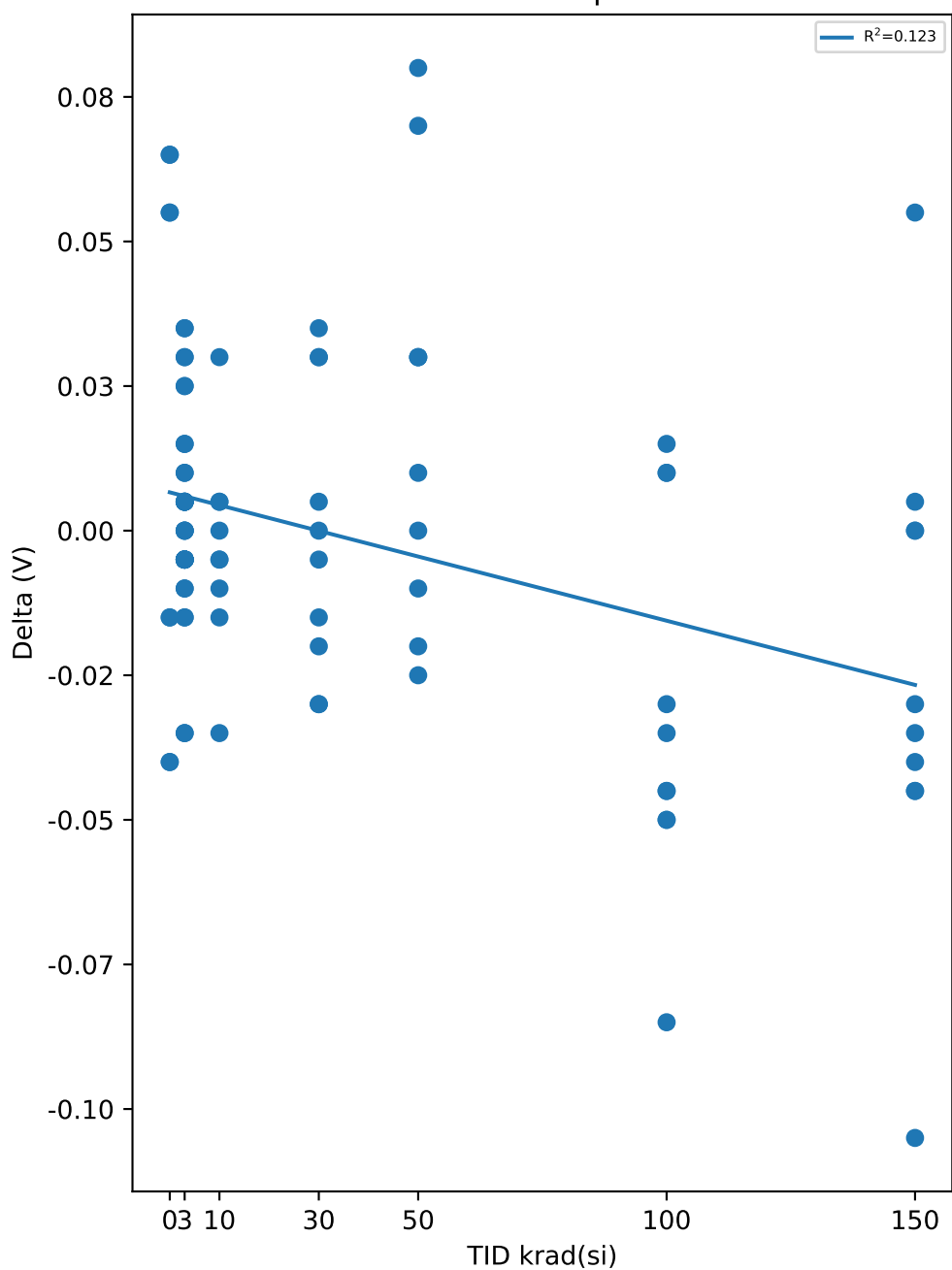
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.23	2.2475	2.265	0.024749	2.22	2.23	2.24	0.014142	-0.045	-0.0175	0.01	0.038891
3	2.2	2.2333	2.28	0.024749	2.185	2.2172	2.28	0.029907	-0.045	-0.016111	0.015	0.017638
10	2.2	2.2333	2.28	0.024749	2.185	2.2239	2.27	0.023555	-0.03	-0.0094444	0.025	0.019275
30	2.215	2.2495	2.305	0.035625	2.16	2.2275	2.315	0.051221	-0.07	-0.022	0.01	0.025841
50	2.215	2.2495	2.305	0.035625	2.155	2.2235	2.305	0.048993	-0.065	-0.026	0.015	0.029136
100	2.215	2.2495	2.305	0.035625	2.14	2.198	2.27	0.041846	-0.095	-0.0515	-0.02	0.023811
150	2.195	2.235	2.31	0.035355	2.11	2.15	2.235	0.036209	-0.115	-0.085	-0.025	0.026562

Device Test: 92.1 PWM_LI Fall Thresh VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 1.15, Upper Limit = 1.85 (V))

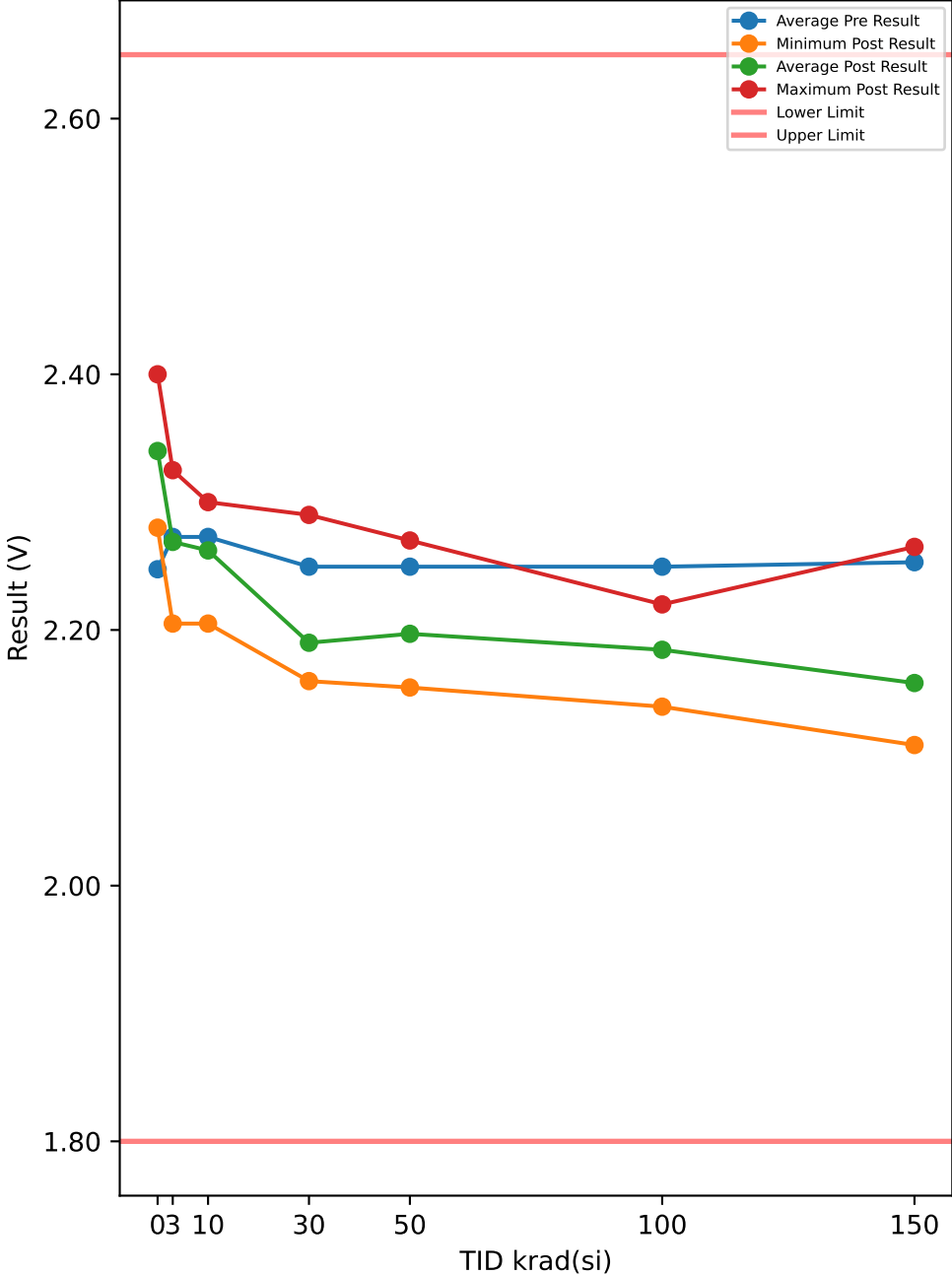
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.45	1.505	0.055
2	0	CORRELATION	1.455	1.44	-0.015
259	3	LDR Biased	1.465	1.475	0.01
426	3	LDR Biased	1.42	1.415	-0.005
427	3	LDR Biased	1.395	1.39	-0.005
428	3	LDR Biased	1.475	1.51	0.035
429	3	LDR Unbiased	1.405	1.405	0
430	3	LDR Unbiased	1.33	1.345	0.015
431	3	LDR Unbiased	1.405	1.43	0.025
432	3	LDR Unbiased	1.395	1.4	0.005
433	3	LDR Unbiased	1.415	1.41	-0.005
1259	10	LDR Biased	1.465	1.495	0.03
1426	10	LDR Biased	1.42	1.415	-0.005
1427	10	LDR Biased	1.395	1.38	-0.015
1428	10	LDR Biased	1.475	1.44	-0.035
1429	10	LDR Unbiased	1.405	1.405	0
1430	10	LDR Unbiased	1.33	1.335	0.005
1431	10	LDR Unbiased	1.405	1.41	0.005
1432	10	LDR Unbiased	1.395	1.385	-0.01
1433	10	LDR Unbiased	1.415	1.41	-0.005
2434	30	LDR Biased	1.4	1.38	-0.02
2435	30	LDR Biased	1.495	1.49	-0.005
2436	30	LDR Biased	1.405	1.41	0.005
2437	30	LDR Biased	1.39	1.39	0
2438	30	LDR Biased	1.415	1.385	-0.03
2439	30	LDR Unbiased	1.45	1.48	0.03
2440	30	LDR Unbiased	1.445	1.48	0.035
2441	30	LDR Unbiased	1.45	1.48	0.03
2443	30	LDR Unbiased	1.455	1.425	-0.03
2444	30	LDR Unbiased	1.505	1.49	-0.015
3434	50	LDR Biased	1.4	1.48	0.08
3435	50	LDR Biased	1.495	1.485	-0.01
3436	50	LDR Biased	1.405	1.475	0.07
3437	50	LDR Biased	1.39	1.39	0
3438	50	LDR Biased	1.415	1.425	0.01
3439	50	LDR Unbiased	1.45	1.43	-0.02
3440	50	LDR Unbiased	1.445	1.475	0.03
3441	50	LDR Unbiased	1.45	1.48	0.03
3443	50	LDR Unbiased	1.455	1.485	0.03
3444	50	LDR Unbiased	1.505	1.48	-0.025
4434	100	LDR Biased	1.4	1.35	-0.05
4435	100	LDR Biased	1.495	1.46	-0.035
4436	100	LDR Biased	1.405	1.375	-0.03
4437	100	LDR Biased	1.39	1.405	0.015
4438	100	LDR Biased	1.415	1.37	-0.045
4439	100	LDR Unbiased	1.45	1.405	-0.045
4440	100	LDR Unbiased	1.445	1.455	0.01
4441	100	LDR Unbiased	1.45	1.46	0.01
4443	100	LDR Unbiased	1.455	1.405	-0.05
4444	100	LDR Unbiased	1.505	1.42	-0.085
4500	150	LDR Biased	1.51	1.405	-0.105
4501	150	LDR Biased	1.45	1.45	0
4502	150	LDR Biased	1.505	1.46	-0.045
4503	150	LDR Biased	1.495	1.455	-0.04
4504	150	LDR Biased	1.415	1.47	0.055
4505	150	LDR Unbiased	1.485	1.455	-0.03
4506	150	LDR Unbiased	1.49	1.445	-0.045
4507	150	LDR Unbiased	1.485	1.45	-0.035
4508	150	LDR Unbiased	1.445	1.45	0.005
4509	150	LDR Unbiased	1.47	1.47	0

Test Statistics (V)

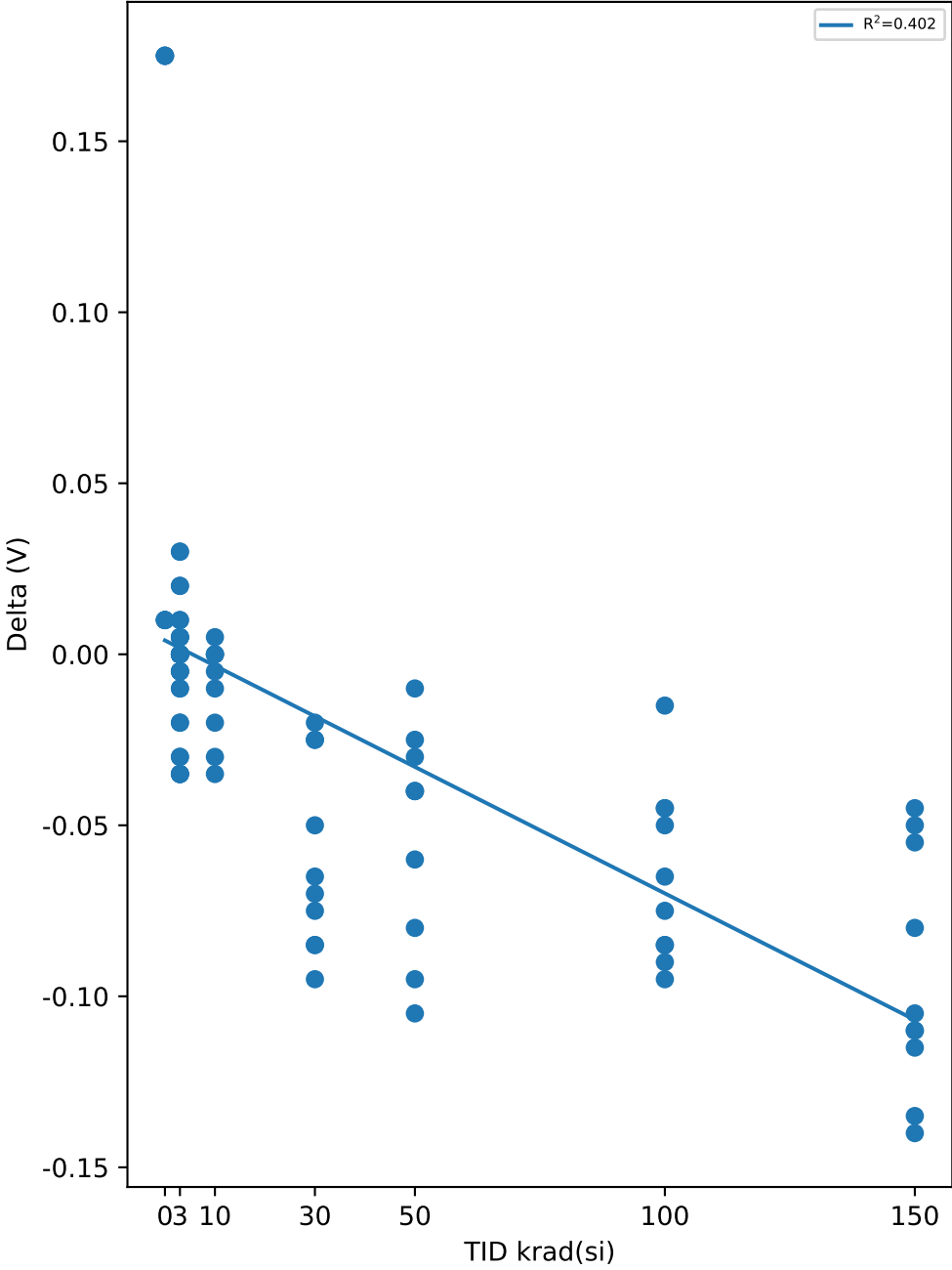
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.45	1.4525	1.455	0.0035355	1.44	1.4725	1.505	0.045962	-0.015	0.02	0.055	0.049497
3	1.33	1.4117	1.475	0.042205	1.345	1.42	1.51	0.048088	-0.005	0.0083333	0.035	0.014361
10	1.33	1.4117	1.475	0.042205	1.335	1.4083	1.495	0.043732	-0.035	-0.0033333	0.03	0.0175
30	1.39	1.441	1.505	0.03893	1.38	1.441	1.49	0.047188	-0.03	-2.2204e-17	0.035	0.024721
50	1.39	1.441	1.505	0.03893	1.39	1.4605	1.485	0.033204	-0.025	0.0195	0.08	0.035625
100	1.39	1.441	1.505	0.03893	1.35	1.4105	1.46	0.038905	-0.085	-0.0305	0.015	0.032528
150	1.415	1.475	1.51	0.03	1.405	1.451	1.47	0.018227	-0.105	-0.024	0.055	0.042282

Device Test: 92.3 EN_HI Rise Thresh VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



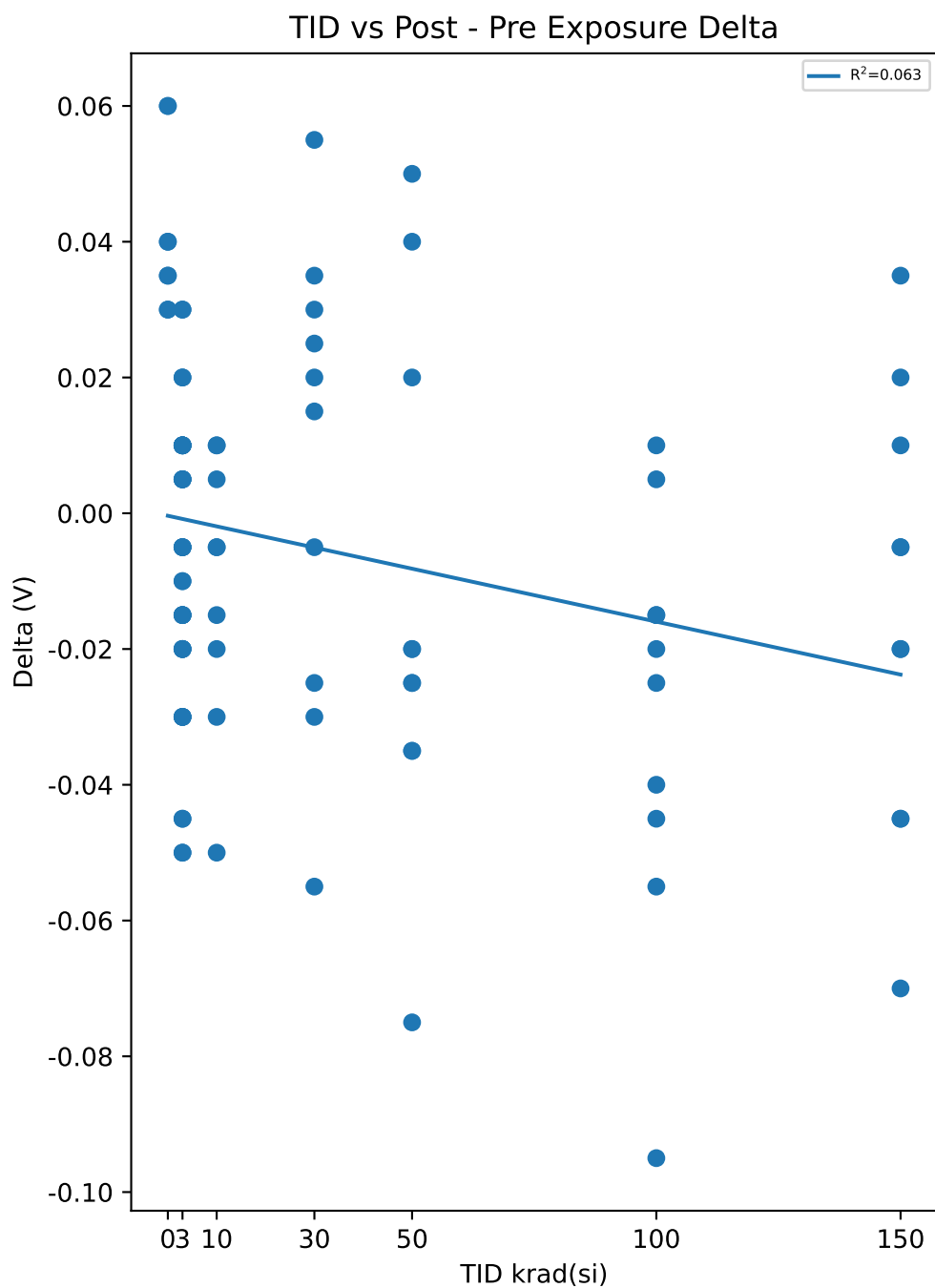
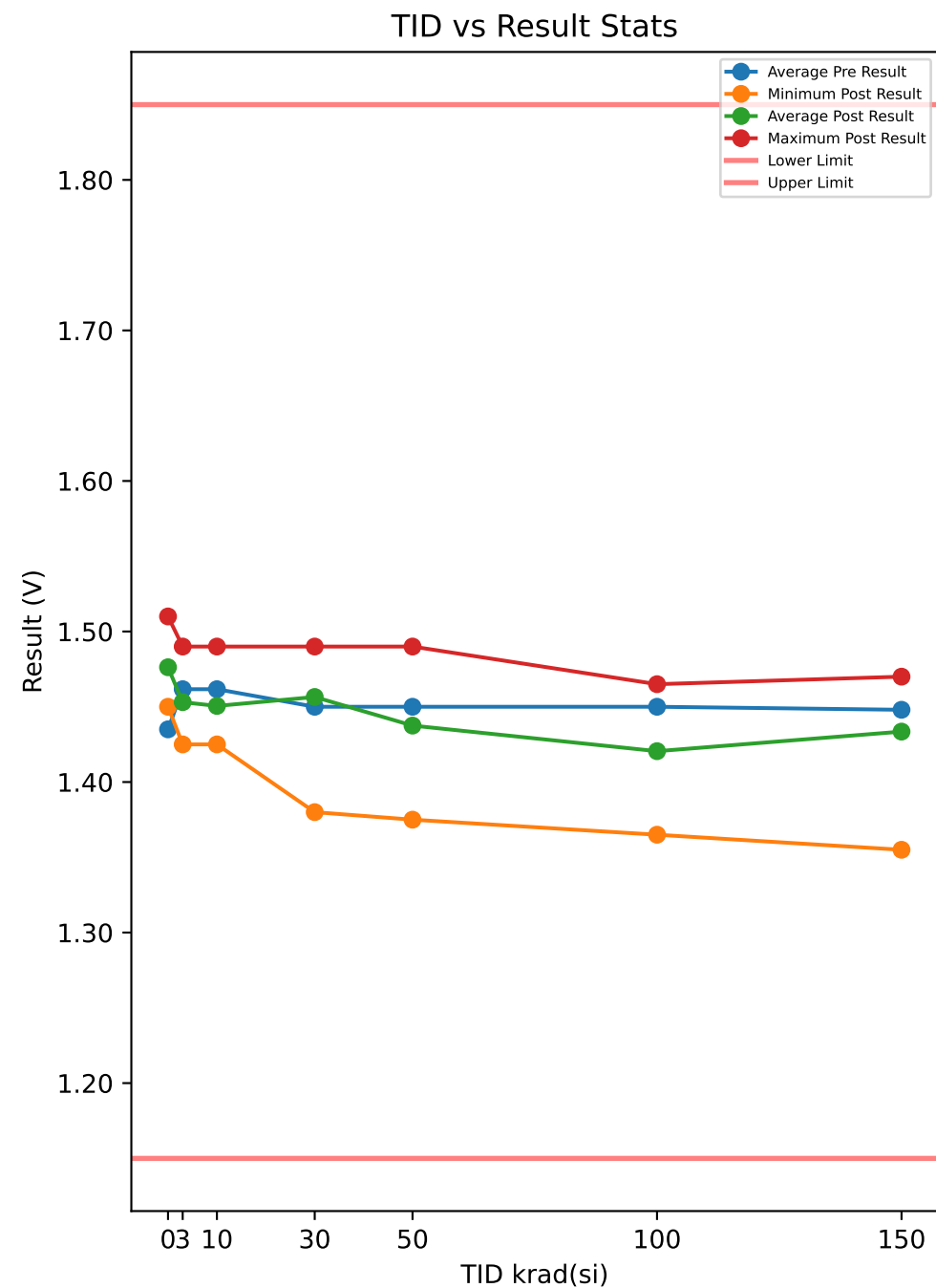
Test Results (Lower Limit = 1.8, Upper Limit = 2.65 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	2.225	2.4	0.175
2	0	CORRELATION	2.27	2.28	0.01
259	3	LDR Biased	2.28	2.28	0
426	3	LDR Biased	2.24	2.24	0
427	3	LDR Biased	2.295	2.315	0.02
428	3	LDR Biased	2.255	2.22	-0.035
429	3	LDR Unbiased	2.27	2.28	0.01
430	3	LDR Unbiased	2.25	2.25	0
431	3	LDR Unbiased	2.27	2.265	-0.005
432	3	LDR Unbiased	2.32	2.325	0.005
433	3	LDR Unbiased	2.275	2.305	0.03
1259	10	LDR Biased	2.28	2.28	0
1426	10	LDR Biased	2.24	2.205	-0.035
1427	10	LDR Biased	2.295	2.29	-0.005
1428	10	LDR Biased	2.255	2.255	0
1429	10	LDR Unbiased	2.27	2.27	0
1430	10	LDR Unbiased	2.25	2.22	-0.03
1431	10	LDR Unbiased	2.27	2.26	-0.01
1432	10	LDR Unbiased	2.32	2.3	-0.02
1433	10	LDR Unbiased	2.275	2.28	0.005
2434	30	LDR Biased	2.205	2.18	-0.025
2435	30	LDR Biased	2.255	2.18	-0.075
2436	30	LDR Biased	2.255	2.23	-0.025
2437	30	LDR Biased	2.27	2.175	-0.095
2438	30	LDR Biased	2.235	2.165	-0.07
2439	30	LDR Unbiased	2.31	2.29	-0.02
2440	30	LDR Unbiased	2.255	2.17	-0.085
2441	30	LDR Unbiased	2.225	2.16	-0.065
2443	30	LDR Unbiased	2.27	2.185	-0.085
2444	30	LDR Unbiased	2.215	2.165	-0.05
3434	50	LDR Biased	2.205	2.165	-0.04
3435	50	LDR Biased	2.255	2.215	-0.04
3436	50	LDR Biased	2.255	2.225	-0.03
3437	50	LDR Biased	2.27	2.165	-0.105
3438	50	LDR Biased	2.235	2.155	-0.08
3439	50	LDR Unbiased	2.31	2.27	-0.04
3440	50	LDR Unbiased	2.255	2.16	-0.095
3441	50	LDR Unbiased	2.225	2.2	-0.025
3443	50	LDR Unbiased	2.27	2.26	-0.01
3444	50	LDR Unbiased	2.215	2.155	-0.06
4434	100	LDR Biased	2.205	2.155	-0.05
4435	100	LDR Biased	2.255	2.17	-0.085
4436	100	LDR Biased	2.255	2.21	-0.045
4437	100	LDR Biased	2.27	2.195	-0.075
4438	100	LDR Biased	2.235	2.14	-0.095
4439	100	LDR Unbiased	2.31	2.22	-0.09
4440	100	LDR Unbiased	2.255	2.17	-0.085
4441	100	LDR Unbiased	2.225	2.18	-0.045
4443	100	LDR Unbiased	2.27	2.205	-0.065
4444	100	LDR Unbiased	2.215	2.2	-0.015
4500	150	LDR Biased	2.26	2.125	-0.135
4501	150	LDR Biased	2.215	2.11	-0.105
4502	150	LDR Biased	2.21	2.13	-0.08
4503	150	LDR Biased	2.31	2.17	-0.14
4504	150	LDR Biased	2.32	2.265	-0.055
4505	150	LDR Unbiased	2.225	2.18	-0.045
4506	150	LDR Unbiased	2.22	2.11	-0.11
4507	150	LDR Unbiased	2.225	2.115	-0.11
4508	150	LDR Unbiased	2.335	2.22	-0.115
4509	150	LDR Unbiased	2.21	2.16	-0.05

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	2.225	2.2475	2.27	0.03182	2.28	2.34	2.4	0.084853	0.01	0.0925	0.175	0.11667
3	2.24	2.2728	2.32	0.024253	2.22	2.2756	2.325	0.035395	-0.035	0.0027778	0.03	0.018047
10	2.24	2.2728	2.32	0.024253	2.205	2.2622	2.3	0.031634	-0.035	-0.010556	0.005	0.014458
30	2.205	2.2495	2.31	0.030863	2.16	2.19	2.29	0.040277	-0.095	-0.0595	-0.02	0.027834
50	2.205	2.2495	2.31	0.030863	2.155	2.197	2.27	0.043919	-0.105	-0.0525	-0.01	0.031469
100	2.205	2.2495	2.31	0.030863	2.14	2.1845	2.22	0.025761	-0.095	-0.065	-0.015	0.025712
150	2.21	2.253	2.335	0.049788	2.11	2.1585	2.265	0.051911	-0.14	-0.0945	-0.045	0.034837

Device Test: 92.4 EN_HI Fall Thresh VIN_14V



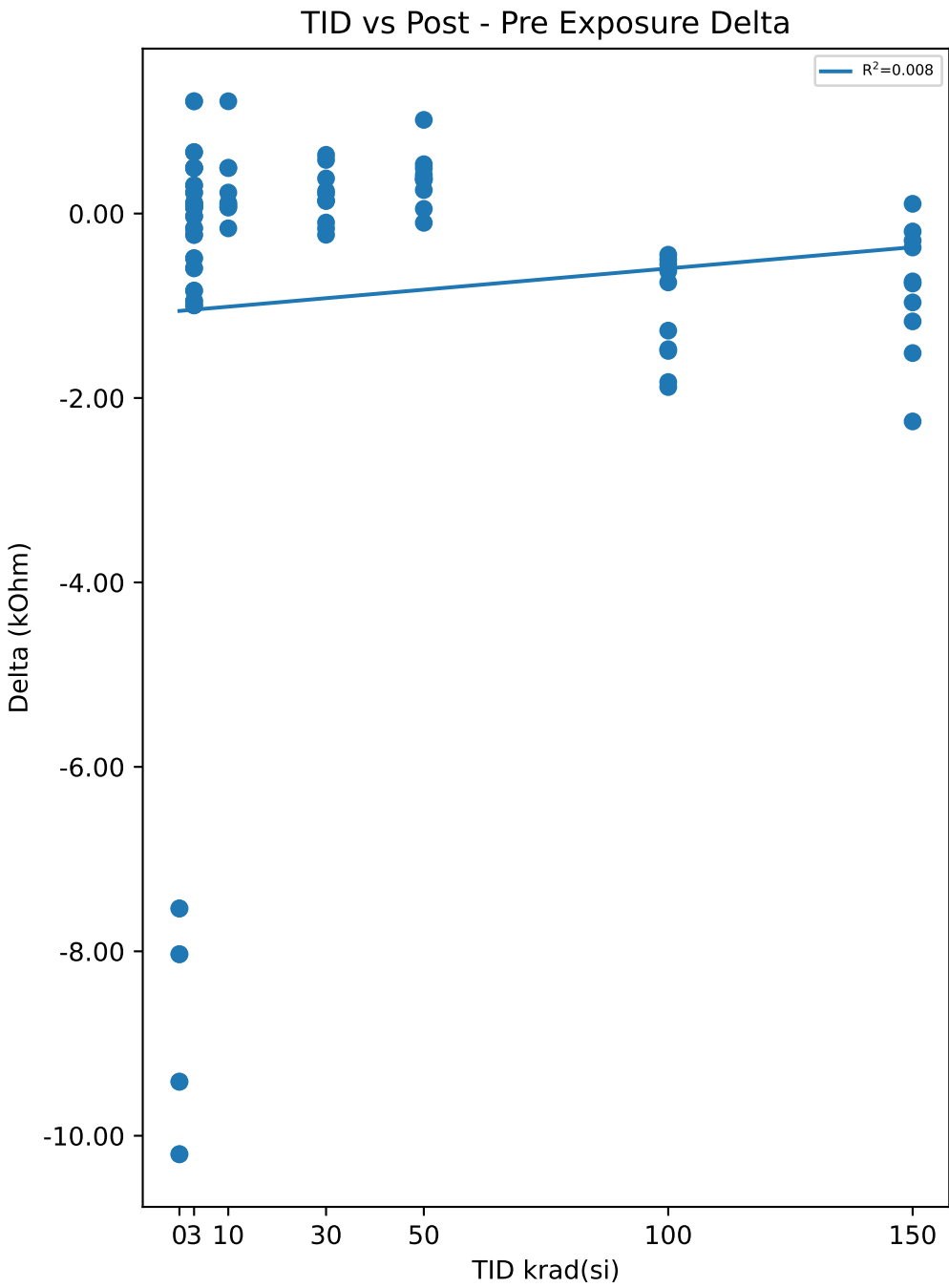
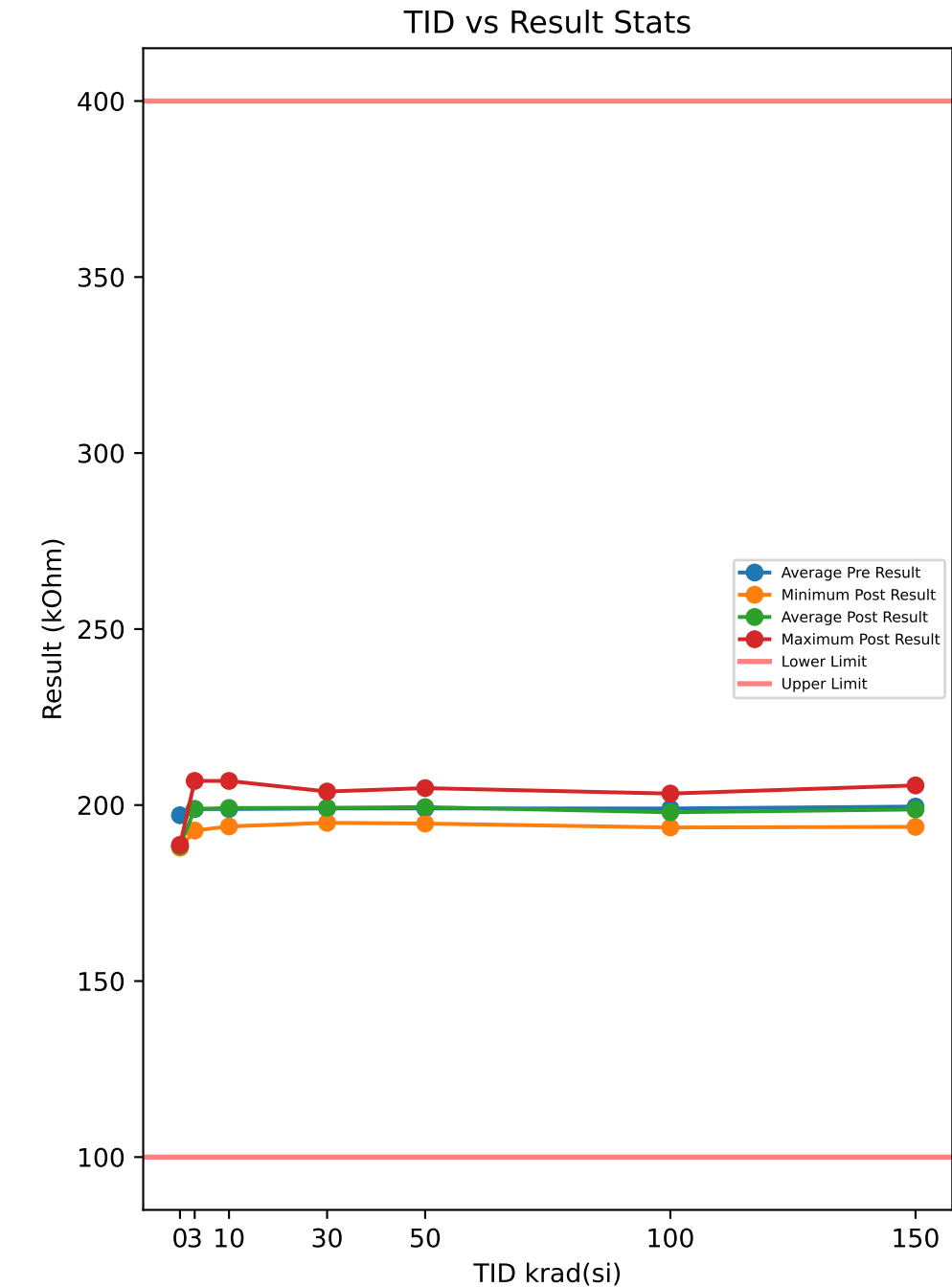
Test Results (Lower Limit = 1.15,
Upper Limit = 1.85 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	1.42	1.45	0.03
2	0	CORRELATION	1.45	1.49	0.04
259	3	LDR Biased	1.46	1.48	0.02
426	3	LDR Biased	1.44	1.47	0.03
427	3	LDR Biased	1.445	1.43	-0.015
428	3	LDR Biased	1.455	1.46	0.005
429	3	LDR Unbiased	1.455	1.435	-0.02
430	3	LDR Unbiased	1.48	1.49	0.01
431	3	LDR Unbiased	1.455	1.425	-0.03
432	3	LDR Unbiased	1.465	1.455	-0.01
433	3	LDR Unbiased	1.5	1.455	-0.045
1259	10	LDR Biased	1.46	1.445	-0.015
1426	10	LDR Biased	1.44	1.435	-0.005
1427	10	LDR Biased	1.445	1.455	0.01
1428	10	LDR Biased	1.455	1.46	0.005
1429	10	LDR Unbiased	1.455	1.435	-0.02
1430	10	LDR Unbiased	1.48	1.49	0.01
1431	10	LDR Unbiased	1.455	1.425	-0.03
1432	10	LDR Unbiased	1.465	1.46	-0.005
1433	10	LDR Unbiased	1.5	1.45	-0.05
2434	30	LDR Biased	1.51	1.455	-0.055
2435	30	LDR Biased	1.41	1.38	-0.03
2436	30	LDR Biased	1.46	1.485	0.025
2437	30	LDR Biased	1.41	1.465	0.055
2438	30	LDR Biased	1.465	1.485	0.02
2439	30	LDR Unbiased	1.44	1.415	-0.025
2440	30	LDR Unbiased	1.44	1.475	0.035
2441	30	LDR Unbiased	1.42	1.435	0.015
2443	30	LDR Unbiased	1.45	1.48	0.03
2444	30	LDR Unbiased	1.495	1.49	-0.005
3434	50	LDR Biased	1.51	1.435	-0.075
3435	50	LDR Biased	1.41	1.375	-0.035
3436	50	LDR Biased	1.46	1.48	0.02
3437	50	LDR Biased	1.41	1.46	0.05
3438	50	LDR Biased	1.465	1.445	-0.02
3439	50	LDR Unbiased	1.44	1.415	-0.025
3440	50	LDR Unbiased	1.44	1.415	-0.025
3441	50	LDR Unbiased	1.42	1.4	-0.02
3443	50	LDR Unbiased	1.45	1.49	0.04
3444	50	LDR Unbiased	1.495	1.46	-0.035
4434	100	LDR Biased	1.51	1.455	-0.055
4435	100	LDR Biased	1.41	1.365	-0.045
4436	100	LDR Biased	1.46	1.465	0.005
4437	100	LDR Biased	1.41	1.395	-0.015
4438	100	LDR Biased	1.465	1.445	-0.02
4439	100	LDR Unbiased	1.44	1.415	-0.025
4440	100	LDR Unbiased	1.44	1.45	0.01
4441	100	LDR Unbiased	1.42	1.38	-0.04
4443	100	LDR Unbiased	1.45	1.435	-0.015
4444	100	LDR Unbiased	1.495	1.4	-0.095
4500	150	LDR Biased	1.425	1.445	0.02
4501	150	LDR Biased	1.43	1.41	-0.02
4502	150	LDR Biased	1.51	1.465	-0.045
4503	150	LDR Biased	1.46	1.455	-0.005
4504	150	LDR Biased	1.42	1.4	-0.02
4505	150	LDR Unbiased	1.505	1.46	-0.045
4506	150	LDR Unbiased	1.425	1.355	-0.07
4507	150	LDR Unbiased	1.415	1.41	-0.005
4508	150	LDR Unbiased	1.43	1.465	0.035
4509	150	LDR Unbiased	1.46	1.47	0.01

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	1.42	1.435	1.45	0.021213	1.45	1.47	1.49	0.028284	0.03	0.035	0.04	0.0070711
3	1.44	1.4617	1.5	0.018371	1.425	1.4556	1.49	0.022423	-0.045	-0.0061111	0.03	0.024338
10	1.44	1.4617	1.5	0.018371	1.425	1.4506	1.49	0.019112	-0.05	-0.011111	0.01	0.019965
30	1.41	1.45	1.51	0.033747	1.38	1.4565	1.49	0.036136	-0.055	0.0065	0.055	0.034242
50	1.41	1.45	1.51	0.033747	1.375	1.4375	1.49	0.036458	-0.075	-0.0125	0.05	0.038097
100	1.41	1.45	1.51	0.033747	1.365	1.4205	1.465	0.034436	-0.095	-0.0295	0.01	0.030863
150	1.415	1.448	1.51	0.034897	1.355	1.4335	1.47	0.03801	-0.07	-0.0145	0.035	0.032357

Device Test: 92.6 PWM_LI Pull Down Resistance VIN_14V



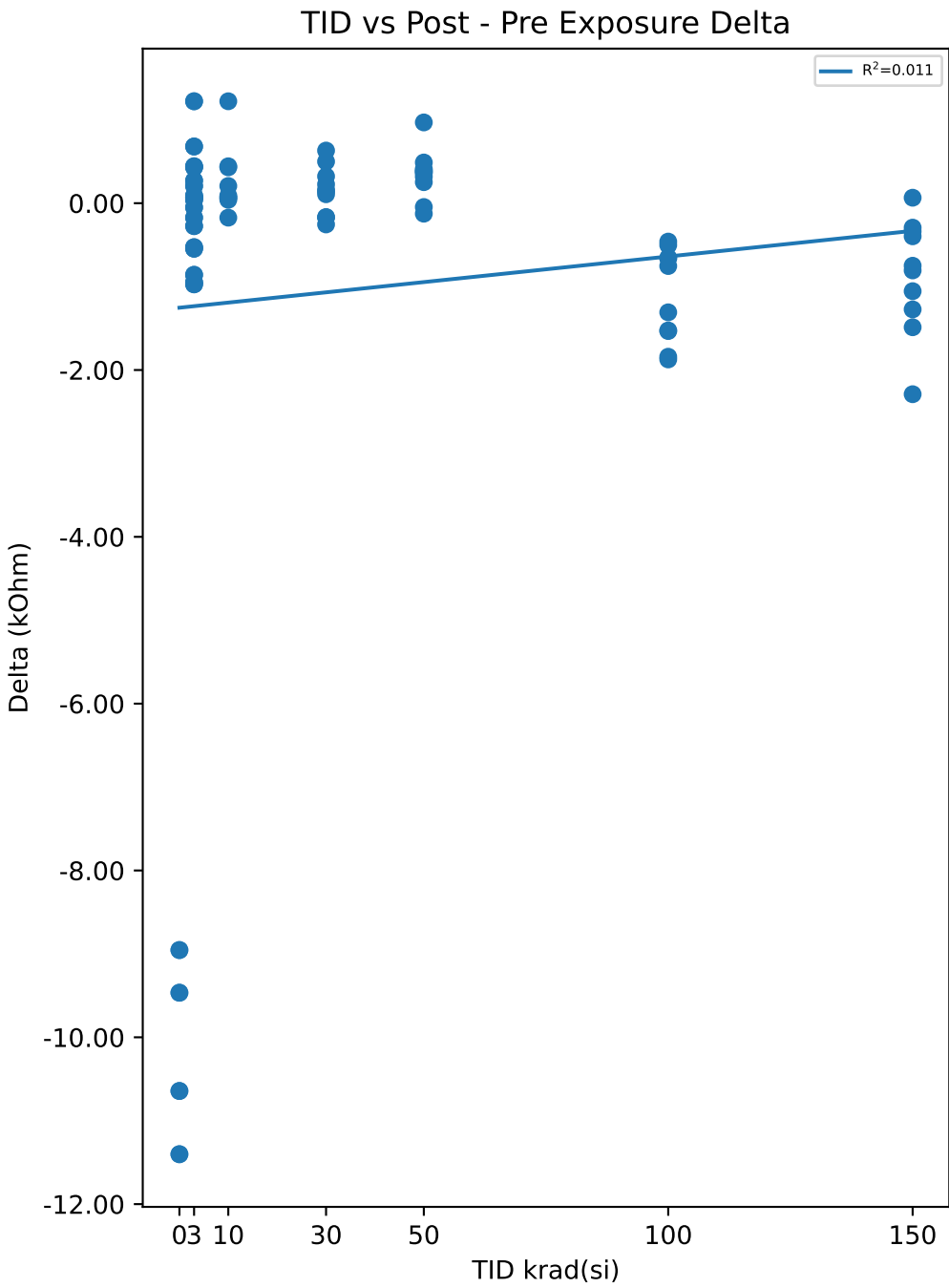
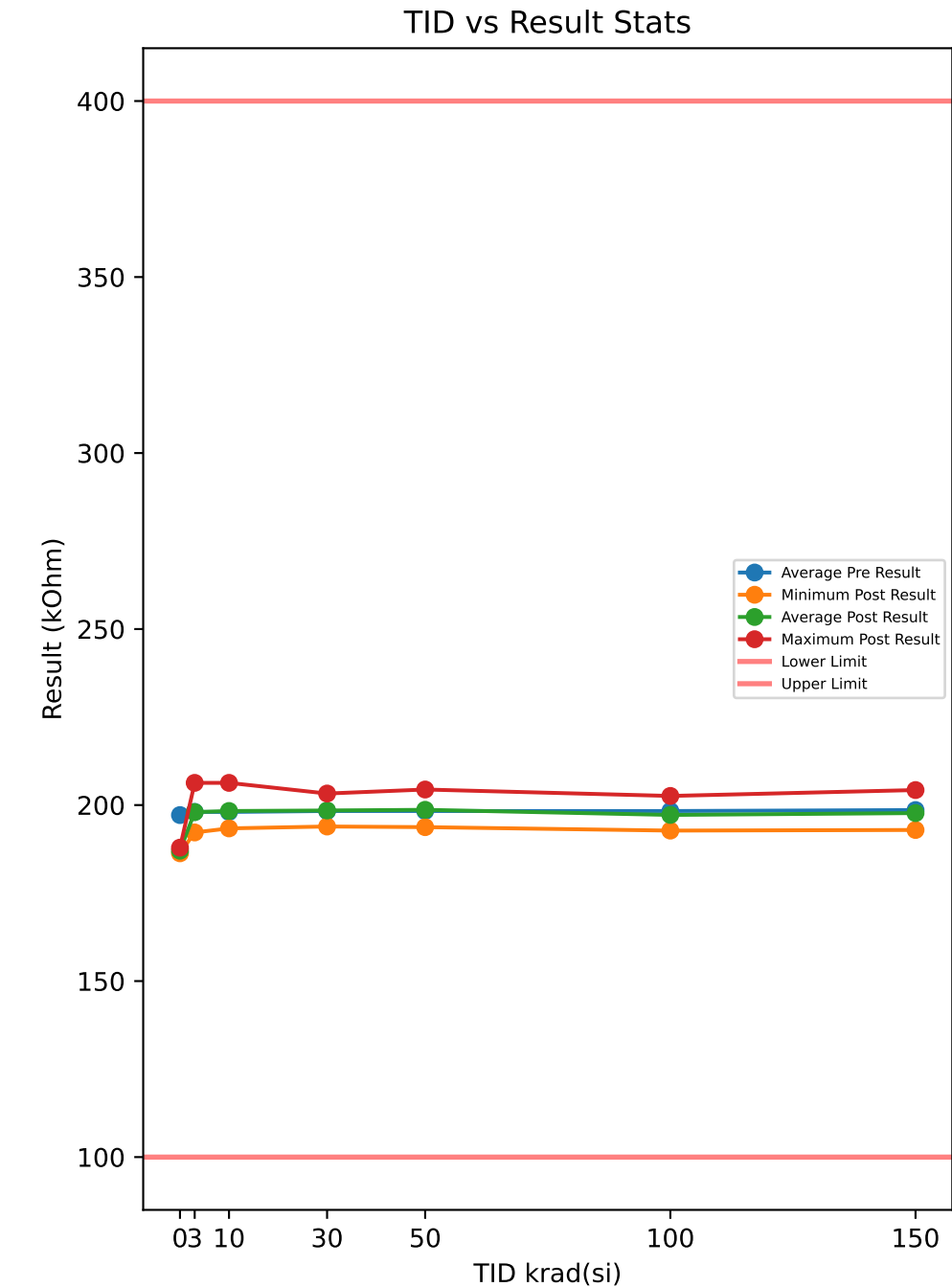
Test Results (Lower Limit = 100.0, Upper Limit = 400.0 (kOhm))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	196.13	188.1	-8.0315
2	0	CORRELATION	198.1	187.9	-10.2
259	3	LDR Biased	200.34	200.31	-0.0296
426	3	LDR Biased	202.04	201.45	-0.5929
427	3	LDR Biased	198.63	197.64	-0.9954
428	3	LDR Biased	200.38	200.15	-0.2314
429	3	LDR Unbiased	206.36	205.88	-0.4844
430	3	LDR Unbiased	197.24	196.4	-0.8361
431	3	LDR Unbiased	195.2	195.51	0.3061
432	3	LDR Unbiased	193.71	192.76	-0.9474
433	3	LDR Unbiased	196.02	196.69	0.6661
1259	10	LDR Biased	200.34	200.41	0.0702
1426	10	LDR Biased	202.04	203.26	1.2177
1427	10	LDR Biased	198.63	199.13	0.4932
1428	10	LDR Biased	200.38	200.22	-0.1602
1429	10	LDR Unbiased	206.36	206.86	0.4961
1430	10	LDR Unbiased	197.24	197.36	0.1169
1431	10	LDR Unbiased	195.2	195.27	0.065
1432	10	LDR Unbiased	193.71	193.94	0.2276
1433	10	LDR Unbiased	196.02	196.12	0.0992
2434	30	LDR Biased	203.71	203.85	0.1394
2435	30	LDR Biased	198.49	198.87	0.3805
2436	30	LDR Biased	194.38	194.96	0.5815
2437	30	LDR Biased	196.34	196.55	0.2141
2438	30	LDR Biased	197.97	198.61	0.6368
2439	30	LDR Unbiased	202.73	202.5	-0.2299
2440	30	LDR Unbiased	203.8	203.64	-0.1609
2441	30	LDR Unbiased	196.13	196.27	0.1364
2443	30	LDR Unbiased	198.1	198	-0.0974
2444	30	LDR Unbiased	198.71	198.95	0.2447
3434	50	LDR Biased	203.71	204.1	0.3881
3435	50	LDR Biased	198.49	198.99	0.4921
3436	50	LDR Biased	194.38	194.75	0.3684
3437	50	LDR Biased	196.34	196.39	0.0505
3438	50	LDR Biased	197.97	198.34	0.3679
3439	50	LDR Unbiased	202.73	203.15	0.4219
3440	50	LDR Unbiased	203.8	204.81	1.0156
3441	50	LDR Unbiased	196.13	196.03	-0.1004
3443	50	LDR Unbiased	198.1	198.64	0.5349
3444	50	LDR Unbiased	198.71	198.96	0.2551
4434	100	LDR Biased	203.71	203.26	-0.4463
4435	100	LDR Biased	198.49	197.94	-0.549
4436	100	LDR Biased	194.38	193.63	-0.7466
4437	100	LDR Biased	196.34	195.71	-0.6249
4438	100	LDR Biased	197.97	197.48	-0.498
4439	100	LDR Unbiased	202.73	200.85	-1.8812
4440	100	LDR Unbiased	203.8	202.53	-1.2694
4441	100	LDR Unbiased	196.13	194.64	-1.4892
4443	100	LDR Unbiased	198.1	196.63	-1.4713
4444	100	LDR Unbiased	198.71	196.88	-1.8269
4500	150	LDR Biased	204.71	204.51	-0.1944
4501	150	LDR Biased	205.48	205.58	0.1056
4502	150	LDR Biased	200.42	199.45	-0.9635
4503	150	LDR Biased	198.71	197.19	-1.5128
4504	150	LDR Biased	195.46	194.3	-1.1692
4505	150	LDR Unbiased	197.52	197.15	-0.368
4506	150	LDR Unbiased	194.1	193.81	-0.2927
4507	150	LDR Unbiased	201.08	200.34	-0.7357
4508	150	LDR Unbiased	196.69	195.93	-0.7582
4509	150	LDR Unbiased	201.5	199.25	-2.2541

Test Statistics (kOhm)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	196.13	197.12	198.1	1.3912	187.9	188	188.1	0.14248	-10.2	-9.116	-8.0315	1.5336
3	193.71	198.88	206.36	3.897	192.76	198.53	205.88	3.8626	-0.9954	-0.34944	0.6661	0.57732
10	193.71	198.88	206.36	3.897	193.94	199.17	206.86	4.087	-0.1602	0.29174	1.2177	0.40562
30	194.38	199.04	203.8	3.2993	194.96	199.22	203.85	3.1219	-0.2299	0.18452	0.6368	0.29438
50	194.38	199.04	203.8	3.2993	194.75	199.42	204.81	3.4893	-0.1004	0.37941	1.0156	0.2977
100	194.38	199.04	203.8	3.2993	193.63	197.96	203.26	3.254	-1.8812	-1.0803	-0.4463	0.56733
150	194.1	199.57	205.48	3.7723	193.81	198.75	205.58	3.9499	-2.2541	-0.8143	0.1056	0.70081

Device Test: 92.7 EN_HI Pull Down Resistance VIN_14V



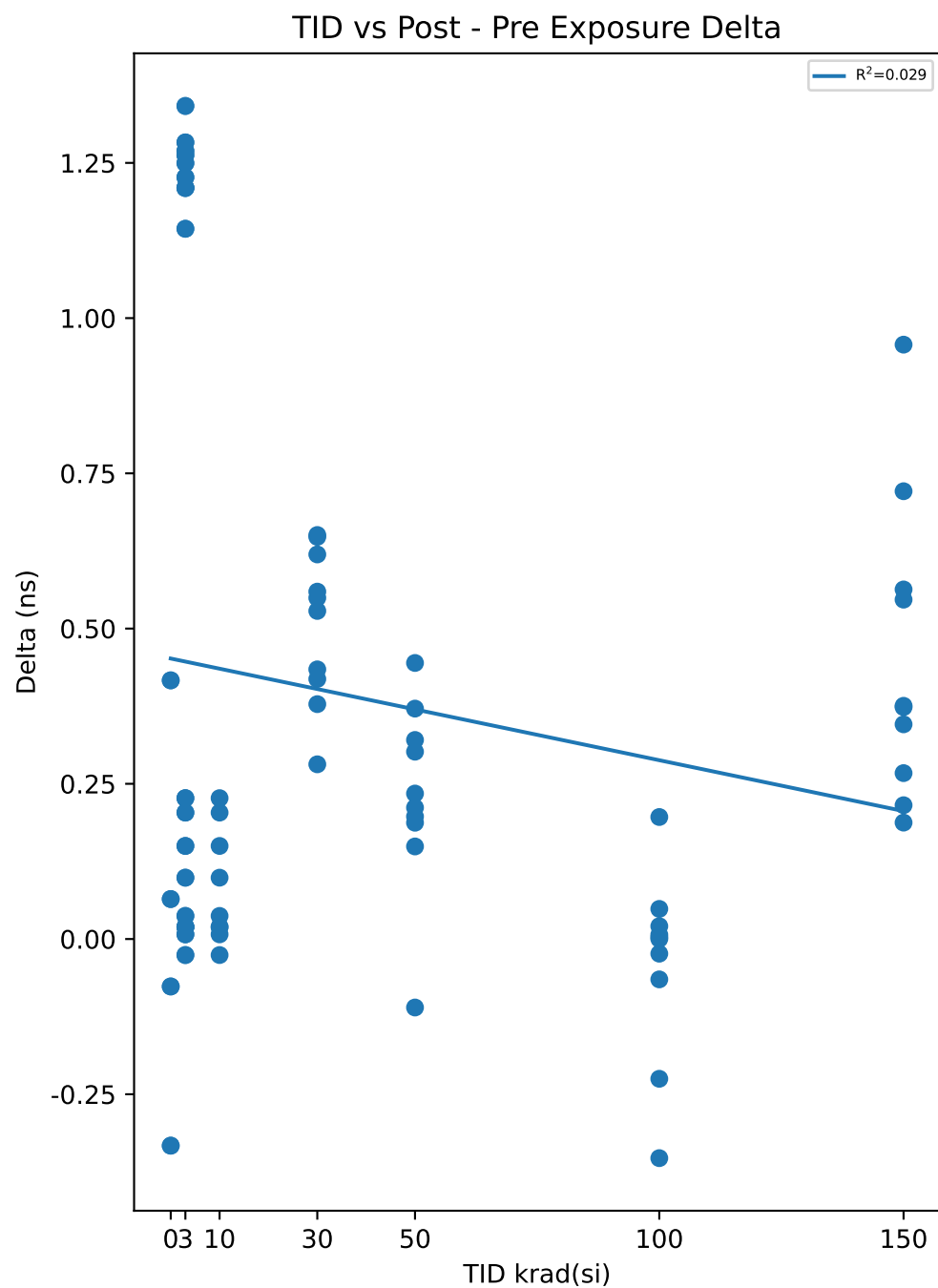
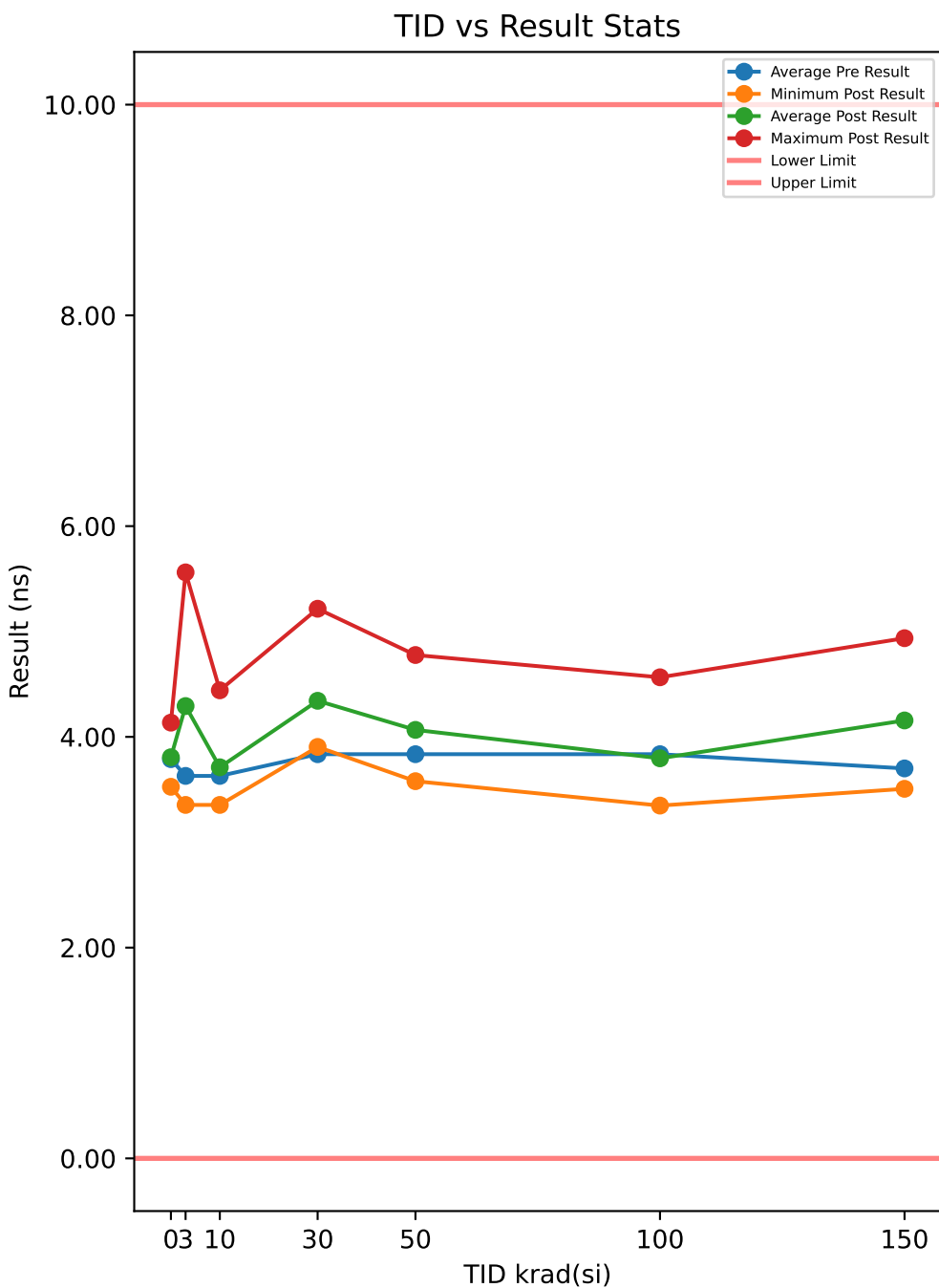
Test Results (Lower Limit = 100.0, Upper Limit = 400.0 (kOhm))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	195.77	186.31	-9.4656
2	0	CORRELATION	198.55	187.15	-11.402
259	3	LDR Biased	199.38	199.33	-0.0505
426	3	LDR Biased	200.76	200.21	-0.5455
427	3	LDR Biased	197.24	196.27	-0.9728
428	3	LDR Biased	199.29	199.02	-0.2749
429	3	LDR Unbiased	205.88	205.35	-0.5276
430	3	LDR Unbiased	196.4	195.54	-0.8588
431	3	LDR Unbiased	194.33	194.61	0.2711
432	3	LDR Unbiased	193.17	192.22	-0.9481
433	3	LDR Unbiased	195.98	196.66	0.6799
1259	10	LDR Biased	199.38	199.45	0.0674
1426	10	LDR Biased	200.76	201.98	1.2221
1427	10	LDR Biased	197.24	197.69	0.4426
1428	10	LDR Biased	199.29	199.12	-0.1733
1429	10	LDR Unbiased	205.88	206.31	0.4301
1430	10	LDR Unbiased	196.4	196.46	0.0653
1431	10	LDR Unbiased	194.33	194.38	0.0407
1432	10	LDR Unbiased	193.17	193.38	0.2061
1433	10	LDR Unbiased	195.98	196.07	0.0914
2434	30	LDR Biased	203.05	203.22	0.1616
2435	30	LDR Biased	197.46	197.78	0.3219
2436	30	LDR Biased	193.41	193.91	0.4995
2437	30	LDR Biased	194.91	195.05	0.1415
2438	30	LDR Biased	196.31	196.94	0.631
2439	30	LDR Unbiased	201.78	201.53	-0.2545
2440	30	LDR Unbiased	203.45	203.28	-0.1715
2441	30	LDR Unbiased	195.77	195.88	0.1073
2443	30	LDR Unbiased	198.55	198.38	-0.1659
2444	30	LDR Unbiased	198.42	198.64	0.2263
3434	50	LDR Biased	203.05	203.43	0.3749
3435	50	LDR Biased	197.46	197.87	0.4105
3436	50	LDR Biased	193.41	193.73	0.3194
3437	50	LDR Biased	194.91	194.86	-0.0457
3438	50	LDR Biased	196.31	196.67	0.3639
3439	50	LDR Unbiased	201.78	202.18	0.3916
3440	50	LDR Unbiased	203.45	204.42	0.9684
3441	50	LDR Unbiased	195.77	195.65	-0.1258
3443	50	LDR Unbiased	198.55	199.03	0.488
3444	50	LDR Unbiased	198.42	198.67	0.2522
4434	100	LDR Biased	203.05	202.59	-0.4604
4435	100	LDR Biased	197.46	196.81	-0.6536
4436	100	LDR Biased	193.41	192.75	-0.6614
4437	100	LDR Biased	194.91	194.16	-0.7532
4438	100	LDR Biased	196.31	195.8	-0.5023
4439	100	LDR Unbiased	201.78	199.91	-1.8729
4440	100	LDR Unbiased	203.45	202.14	-1.3083
4441	100	LDR Unbiased	195.77	194.24	-1.5324
4443	100	LDR Unbiased	198.55	197.02	-1.5258
4444	100	LDR Unbiased	198.42	196.58	-1.8407
4500	150	LDR Biased	203.23	202.93	-0.293
4501	150	LDR Biased	204.2	204.27	0.0657
4502	150	LDR Biased	197.77	196.72	-1.0547
4503	150	LDR Biased	196.86	195.37	-1.4872
4504	150	LDR Biased	194.63	193.35	-1.2731
4505	150	LDR Unbiased	198.04	197.64	-0.3968
4506	150	LDR Unbiased	193.26	192.93	-0.3373
4507	150	LDR Unbiased	199.86	199.11	-0.7498
4508	150	LDR Unbiased	196.68	195.88	-0.8057
4509	150	LDR Unbiased	201.29	199	-2.29

Test Statistics (kOhm)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	195.77	197.16	198.55	1.9602	186.31	186.73	187.15	0.59107	-11.402	-10.434	-9.4656	1.3691
3	193.17	198.05	205.88	3.8272	192.22	197.69	205.35	3.8175	-0.9728	-0.35858	0.6799	0.57177
10	193.17	198.05	205.88	3.8272	193.38	198.31	206.31	3.9998	-0.1733	0.26582	1.2221	0.4077
30	193.41	198.31	203.45	3.4608	193.91	198.46	203.28	3.2837	-0.2545	0.14972	0.631	0.29015
50	193.41	198.31	203.45	3.4608	193.73	198.65	204.42	3.6631	-0.1258	0.33974	0.9684	0.29816
100	193.41	198.31	203.45	3.4608	192.75	197.2	202.59	3.3534	-1.8729	-1.1111	-0.4604	0.56122
150	193.26	198.58	204.2	3.552	192.93	197.72	204.27	3.7353	-2.29	-0.86219	0.0657	0.69347

Device Test: 95.0 DLH Dead Time Min 500kHz VIN_10V



Test Results (Lower Limit = 0.0,
Upper Limit = 10.0 (ns))

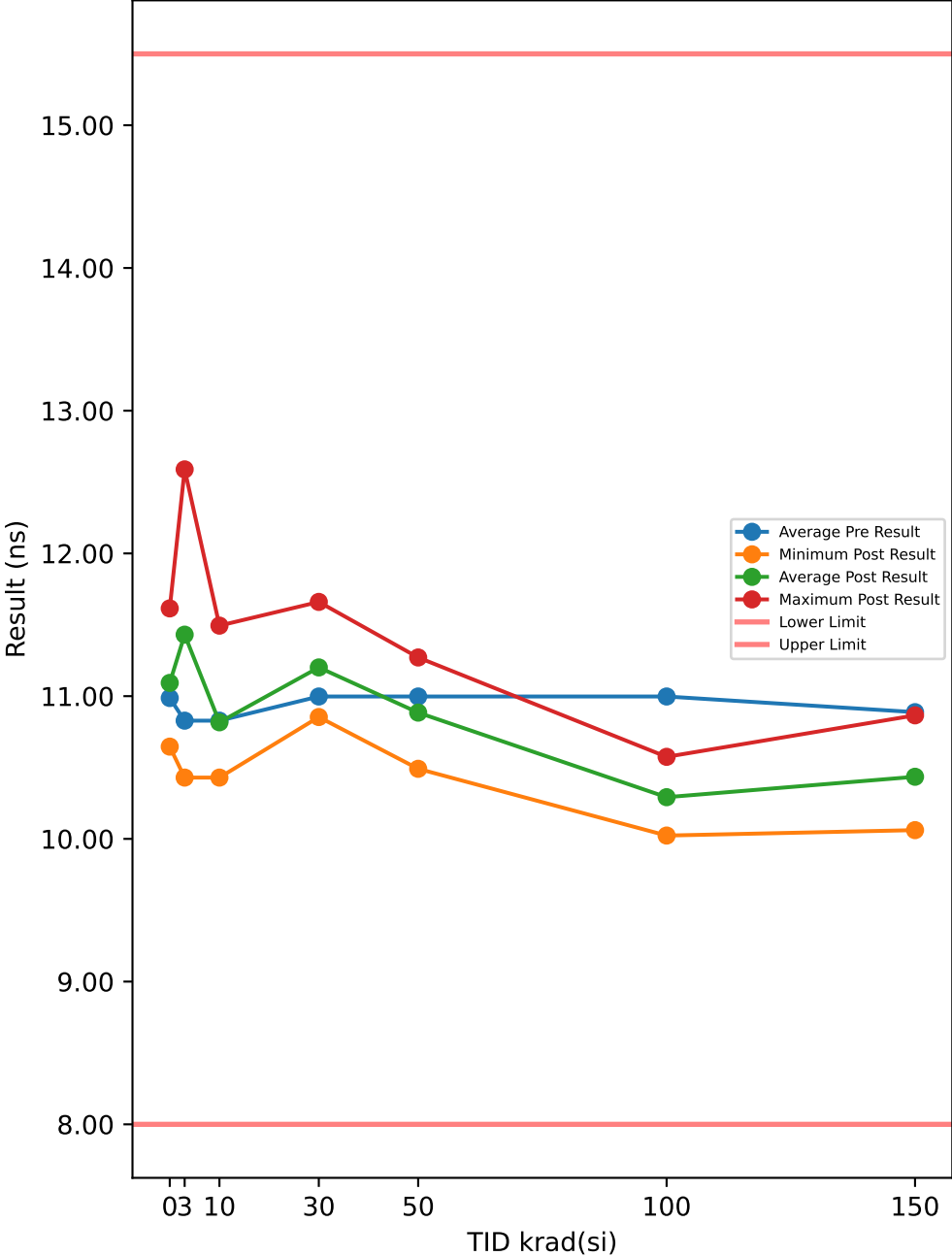
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.7186	3.6422	-0.0764
2	0	CORRELATION	3.8591	3.5263	-0.3328
259	3	LDR Biased	3.3626	4.6456	1.283
426	3	LDR Biased	3.6086	4.8186	1.21
427	3	LDR Biased	3.4612	4.8029	1.3417
428	3	LDR Biased	3.5343	4.7438	1.2095
429	3	LDR Unbiased	3.5713	4.7152	1.1439
430	3	LDR Unbiased	3.6555	4.8823	1.2268
431	3	LDR Unbiased	3.8633	5.1257	1.2624
432	3	LDR Unbiased	4.2919	5.5612	1.2693
433	3	LDR Unbiased	3.3171	4.5667	1.2496
1259	10	LDR Biased	3.3626	3.5662	0.2036
1426	10	LDR Biased	3.6086	3.5828	-0.0258
1427	10	LDR Biased	3.4612	3.56	0.0988
1428	10	LDR Biased	3.5343	3.5533	0.019
1429	10	LDR Unbiased	3.5713	3.5788	0.0075
1430	10	LDR Unbiased	3.6555	3.6754	0.0199
1431	10	LDR Unbiased	3.8633	4.0902	0.2269
1432	10	LDR Unbiased	4.2919	4.4418	0.1499
1433	10	LDR Unbiased	3.3171	3.3543	0.0372
2434	30	LDR Biased	4.0303	4.4491	0.4188
2435	30	LDR Biased	3.8723	4.2506	0.3783
2436	30	LDR Biased	4.5652	5.2159	0.6507
2437	30	LDR Biased	3.6715	4.1999	0.5284
2438	30	LDR Biased	4.0252	4.3066	0.2814
2439	30	LDR Unbiased	3.3452	3.9047	0.5595
2440	30	LDR Unbiased	3.3936	4.013	0.6194
2441	30	LDR Unbiased	3.7186	4.2681	0.5495
2443	30	LDR Unbiased	3.8591	4.2934	0.4343
2444	30	LDR Unbiased	3.8753	4.523	0.6477
3434	50	LDR Biased	4.0303	4.4749	0.4446
3435	50	LDR Biased	3.8723	4.0696	0.1973
3436	50	LDR Biased	4.5652	4.7768	0.2116
3437	50	LDR Biased	3.6715	3.8206	0.1491
3438	50	LDR Biased	4.0252	3.9149	-0.1103
3439	50	LDR Unbiased	3.3452	3.5795	0.2343
3440	50	LDR Unbiased	3.3936	3.6953	0.3017
3441	50	LDR Unbiased	3.7186	3.9059	0.1873
3443	50	LDR Unbiased	3.8591	4.1797	0.3206
3444	50	LDR Unbiased	3.8753	4.2464	0.3711
4434	100	LDR Biased	4.0303	4.051	0.0207
4435	100	LDR Biased	3.8723	3.6472	-0.2251
4436	100	LDR Biased	4.5652	4.5654	0.0002
4437	100	LDR Biased	3.6715	3.6065	-0.065
4438	100	LDR Biased	4.0252	3.6723	-0.3529
4439	100	LDR Unbiased	3.3452	3.348	0.0028
4440	100	LDR Unbiased	3.3936	3.5901	0.1965
4441	100	LDR Unbiased	3.7186	3.7671	0.0485
4443	100	LDR Unbiased	3.8591	3.866	0.0069
4444	100	LDR Unbiased	3.8753	3.8517	-0.0236
4500	150	LDR Biased	4.3899	4.9365	0.5466
4501	150	LDR Biased	3.2917	3.5072	0.2155
4502	150	LDR Biased	3.4683	3.8439	0.3756
4503	150	LDR Biased	3.8295	4.017	0.1875
4504	150	LDR Biased	4.1011	4.3683	0.2672
4505	150	LDR Unbiased	4.194	4.5675	0.3735
4506	150	LDR Unbiased	3.9735	4.5365	0.563
4507	150	LDR Unbiased	3.7556	4.1014	0.3458
4508	150	LDR Unbiased	2.8306	3.7879	0.9573
4509	150	LDR Unbiased	3.1727	3.8939	0.7212

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	3.7186	3.7889	3.8591	0.099349	3.5263	3.5842	3.6422	0.081954	-0.3328	-0.2046	-0.0764	0.1813
3	3.3171	3.6295	4.2919	0.29668	4.5667	4.8736	5.5612	0.3026	1.1439	1.244	1.3417	0.055608
10	3.3171	3.6295	4.2919	0.29668	3.3543	3.7114	4.4418	0.33707	-0.0258	0.081889	0.2269	0.091977
30	3.3452	3.8356	4.5652	0.34739	3.9047	4.3424	5.2159	0.35669	0.2814	0.5068	0.6507	0.12411
50	3.3452	3.8356	4.5652	0.34739	3.5795	4.0664	4.7768	0.36526	-0.1103	0.23073	0.4446	0.15089
100	3.3452	3.8356	4.5652	0.34739	3.348	3.7965	4.5654	0.33037	-0.3529	-0.0391	0.1965	0.15135
150	2.8306	3.7007	4.3899	0.49775	3.5072	4.156	4.9365	0.4363	0.1875	0.45532	0.9573	0.24319

Device Test: 95.1 DLH Dead Time Small 500kHz VIN_10V

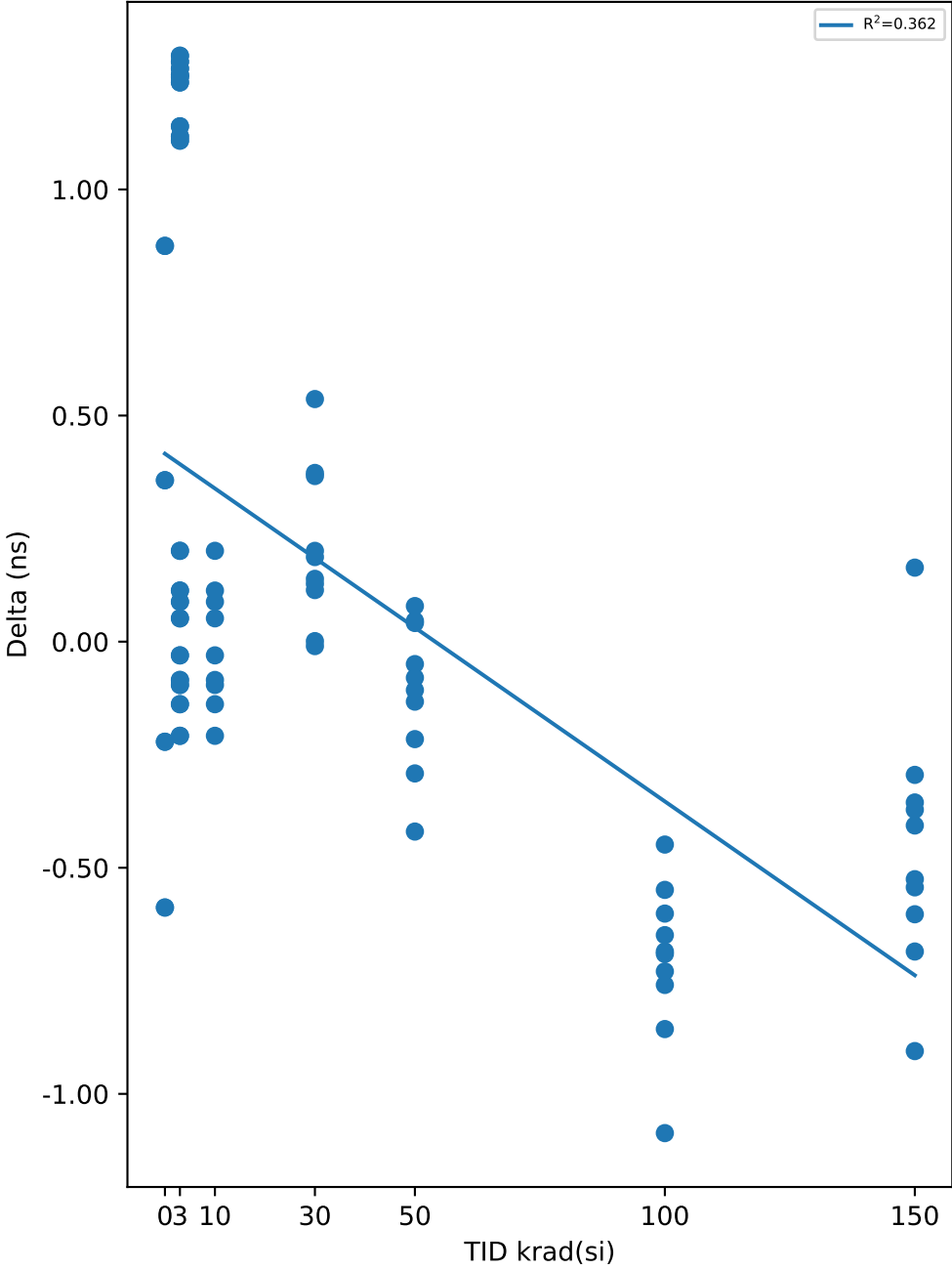
TID vs Result Stats



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.234	10.646	-0.5879
2	0	CORRELATION	10.74	11.097	0.357
259	3	LDR Biased	10.669	11.905	1.2367
426	3	LDR Biased	10.871	12.12	1.2486
427	3	LDR Biased	10.777	12.059	1.2825
428	3	LDR Biased	10.545	11.653	1.108
429	3	LDR Unbiased	10.514	11.654	1.1396
430	3	LDR Unbiased	11.11	12.228	1.1174
431	3	LDR Unbiased	11.293	12.589	1.2957
432	3	LDR Unbiased	11.113	12.38	1.2674
433	3	LDR Unbiased	10.562	11.816	1.2537
1259	10	LDR Biased	10.669	10.782	0.113
1426	10	LDR Biased	10.871	10.733	-0.1383
1427	10	LDR Biased	10.777	10.829	0.0516
1428	10	LDR Biased	10.545	10.449	-0.0957
1429	10	LDR Unbiased	10.514	10.429	-0.0847
1430	10	LDR Unbiased	11.11	10.902	-0.2082
1431	10	LDR Unbiased	11.293	11.494	0.2009
1432	10	LDR Unbiased	11.113	11.201	0.0883
1433	10	LDR Unbiased	10.562	10.532	-0.0303
2434	30	LDR Biased	10.867	11.068	0.2008
2435	30	LDR Biased	11.378	11.368	-0.0098
2436	30	LDR Biased	11.124	11.66	0.5365
2437	30	LDR Biased	10.97	11.098	0.1281
2438	30	LDR Biased	11.298	11.437	0.1389
2439	30	LDR Unbiased	10.782	10.969	0.1871
2440	30	LDR Unbiased	10.847	11.22	0.3731
2441	30	LDR Unbiased	11.234	11.235	0.0012
2443	30	LDR Unbiased	10.74	10.854	0.1141
2444	30	LDR Unbiased	10.736	11.102	0.3663
3434	50	LDR Biased	10.867	10.908	0.0413
3435	50	LDR Biased	11.378	11.271	-0.1071
3436	50	LDR Biased	11.124	11.17	0.0461
3437	50	LDR Biased	10.97	10.837	-0.1326
3438	50	LDR Biased	11.298	10.878	-0.4199
3439	50	LDR Unbiased	10.782	10.491	-0.2914
3440	50	LDR Unbiased	10.847	10.768	-0.0798
3441	50	LDR Unbiased	11.234	11.019	-0.2155
3443	50	LDR Unbiased	10.74	10.69	-0.0496
3444	50	LDR Unbiased	10.736	10.815	0.0787
4434	100	LDR Biased	10.867	10.218	-0.649
4435	100	LDR Biased	11.378	10.521	-0.8567
4436	100	LDR Biased	11.124	10.575	-0.5489
4437	100	LDR Biased	10.97	10.241	-0.7292
4438	100	LDR Biased	11.298	10.211	-1.0868
4439	100	LDR Unbiased	10.782	10.023	-0.7591
4440	100	LDR Unbiased	10.847	10.399	-0.4487
4441	100	LDR Unbiased	11.234	10.544	-0.6906
4443	100	LDR Unbiased	10.74	10.138	-0.6013
4444	100	LDR Unbiased	10.736	10.051	-0.6851
4500	150	LDR Biased	11.272	10.866	-0.4065
4501	150	LDR Biased	10.746	10.061	-0.6852
4502	150	LDR Biased	10.71	10.185	-0.5253
4503	150	LDR Biased	11.286	10.381	-0.9054
4504	150	LDR Biased	11.024	10.481	-0.5433
4505	150	LDR Unbiased	11.368	10.766	-0.6028
4506	150	LDR Unbiased	10.842	10.47	-0.3717
4507	150	LDR Unbiased	10.694	10.338	-0.3556
4508	150	LDR Unbiased	10.306	10.47	0.1637
4509	150	LDR Unbiased	10.629	10.334	-0.2946

TID vs Post - Pre Exposure Delta

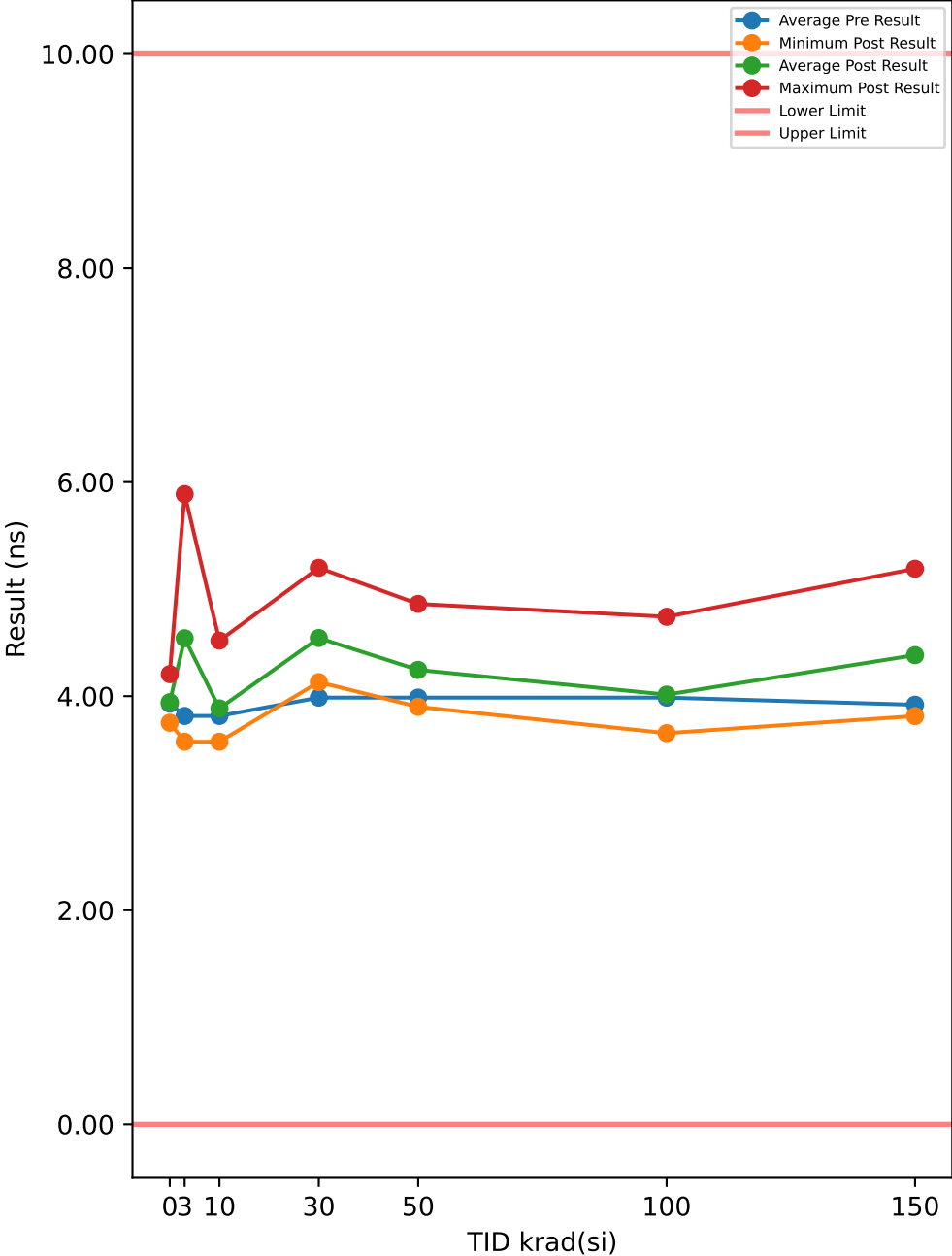


Test Statistics (ns)

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	10.74	10.987	11.234	0.34974	10.646	10.871	11.097	0.31841	-0.5879	-0.11545	0.357	0.66815
3	10.514	10.828	11.293	0.28646	11.653	12.045	12.589	0.32137	1.108	1.2166	1.2957	0.07378
10	10.514	10.828	11.293	0.28646	10.429	10.817	11.494	0.3515	-0.2082	-0.011489	0.2009	0.13329
30	10.736	10.998	11.378	0.24235	10.854	11.201	11.66	0.23766	-0.0098	0.20363	0.5365	0.17343
50	10.736	10.998	11.378	0.24235	10.491	10.885	11.271	0.22678	-0.4199	-0.11298	0.0787	0.15914
100	10.736	10.998	11.378	0.24235	10.023	10.292	10.575	0.20441	-1.0868	-0.70554	-0.4487	0.17539
150	10.306	10.888	11.368	0.34206	10.061	10.435	10.866	0.24127	-0.9054	-0.45267	0.1637	0.28246

Device Test: 95.10 DLH Dead Time Min 2MHz VIN_10V

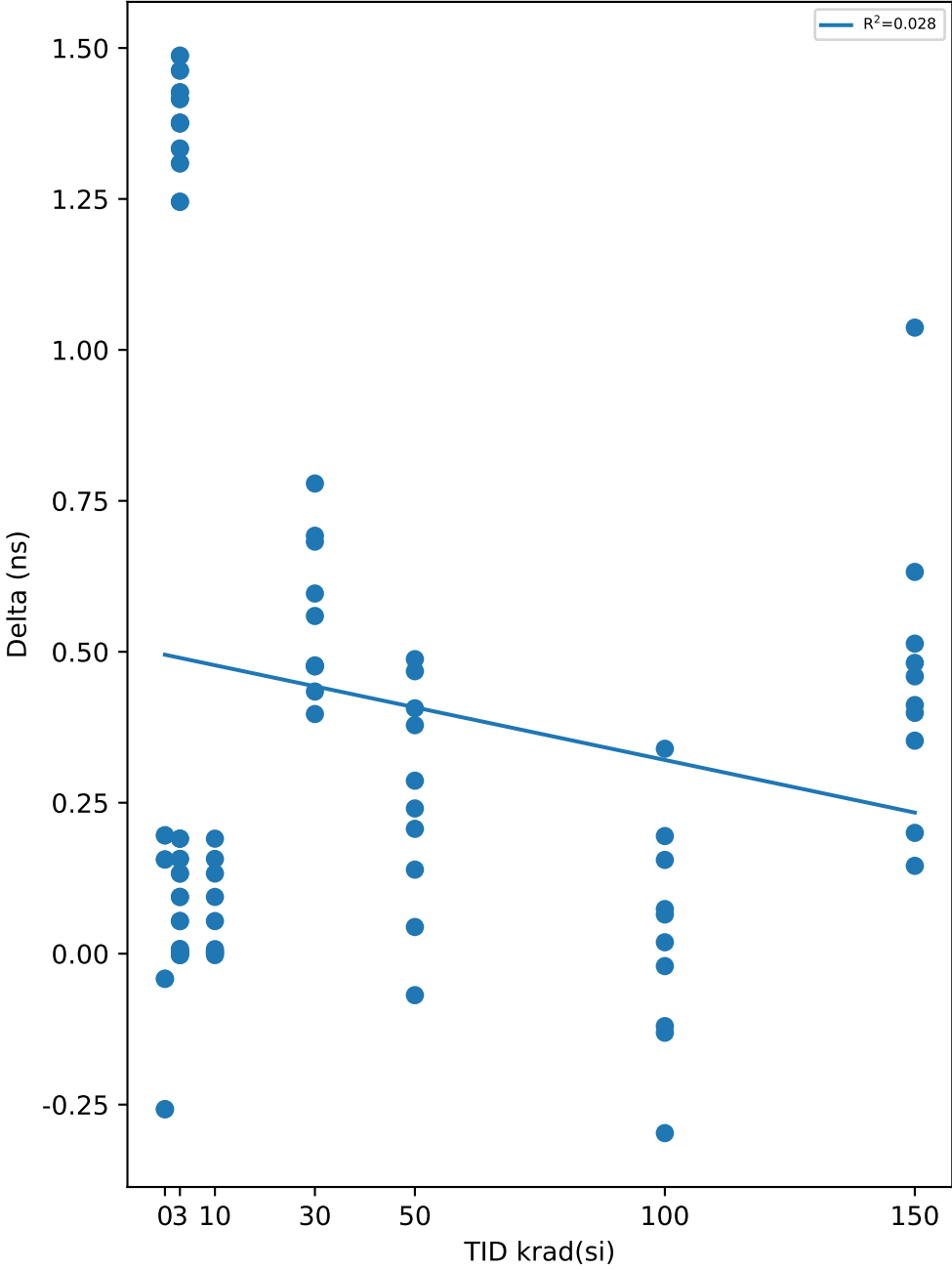
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8504	3.8088	-0.0416
2	0	CORRELATION	4.0095	3.7519	-0.2576
259	3	LDR Biased	3.5437	4.9704	1.4267
426	3	LDR Biased	3.7273	5.1428	1.4155
427	3	LDR Biased	3.6442	5.1314	1.4872
428	3	LDR Biased	3.7592	5.0926	1.3334
429	3	LDR Unbiased	3.7597	5.0687	1.309
430	3	LDR Unbiased	3.8597	5.105	1.2453
431	3	LDR Unbiased	4.0953	5.4717	1.3764
432	3	LDR Unbiased	4.425	5.8877	1.4627
433	3	LDR Unbiased	3.5203	4.8954	1.3751
1259	10	LDR Biased	3.5437	3.7342	0.1905
1426	10	LDR Biased	3.7273	3.7348	0.0075
1427	10	LDR Biased	3.6442	3.777	0.1328
1428	10	LDR Biased	3.7592	3.7608	0.0016
1429	10	LDR Unbiased	3.7597	3.7574	-0.0023
1430	10	LDR Unbiased	3.8597	3.8625	0.0028
1431	10	LDR Unbiased	4.0953	4.2522	0.1569
1432	10	LDR Unbiased	4.425	4.519	0.094
1433	10	LDR Unbiased	3.5203	3.5743	0.054
2434	30	LDR Biased	4.1005	4.8792	0.7787
2435	30	LDR Biased	3.963	4.4388	0.4758
2436	30	LDR Biased	4.7225	5.1987	0.4762
2437	30	LDR Biased	3.856	4.2902	0.4342
2438	30	LDR Biased	4.1867	4.6642	0.4775
2439	30	LDR Unbiased	3.5893	4.2718	0.6825
2440	30	LDR Unbiased	3.5347	4.1312	0.5965
2441	30	LDR Unbiased	3.8504	4.5426	0.6922
2443	30	LDR Unbiased	4.0095	4.4064	0.3969
2444	30	LDR Unbiased	4.0507	4.61	0.5593
3434	50	LDR Biased	4.1005	4.5683	0.4678
3435	50	LDR Biased	3.963	4.4508	0.4878
3436	50	LDR Biased	4.7225	4.8617	0.1392
3437	50	LDR Biased	3.856	3.9002	0.0442
3438	50	LDR Biased	4.1867	4.118	-0.0687
3439	50	LDR Unbiased	3.5893	3.9957	0.4064
3440	50	LDR Unbiased	3.5347	3.9131	0.3784
3441	50	LDR Unbiased	3.8504	4.0909	0.2405
3443	50	LDR Unbiased	4.0095	4.296	0.2865
3444	50	LDR Unbiased	4.0507	4.2575	0.2068
4434	100	LDR Biased	4.1005	4.2558	0.1553
4435	100	LDR Biased	3.963	3.8321	-0.1309
4436	100	LDR Biased	4.7225	4.7414	0.0189
4437	100	LDR Biased	3.856	3.736	-0.12
4438	100	LDR Biased	4.1867	3.8895	-0.2972
4439	100	LDR Unbiased	3.5893	3.6542	0.0649
4440	100	LDR Unbiased	3.5347	3.8741	0.3394
4441	100	LDR Unbiased	3.8504	4.0452	0.1948
4443	100	LDR Unbiased	4.0095	3.9889	-0.0206
4444	100	LDR Unbiased	4.0507	4.1246	0.0739
4500	150	LDR Biased	4.6765	5.19	0.5135
4501	150	LDR Biased	3.5586	3.9114	0.3528
4502	150	LDR Biased	3.6684	3.8139	0.1455
4503	150	LDR Biased	4.1418	4.3419	0.2001
4504	150	LDR Biased	4.2844	4.6962	0.4118
4505	150	LDR Unbiased	4.4337	4.893	0.4593
4506	150	LDR Unbiased	4.089	4.4878	0.3988
4507	150	LDR Unbiased	3.8328	4.3144	0.4816
4508	150	LDR Unbiased	3.0238	4.0607	1.0369
4509	150	LDR Unbiased	3.4892	4.1215	0.6323

TID vs Post - Pre Exposure Delta

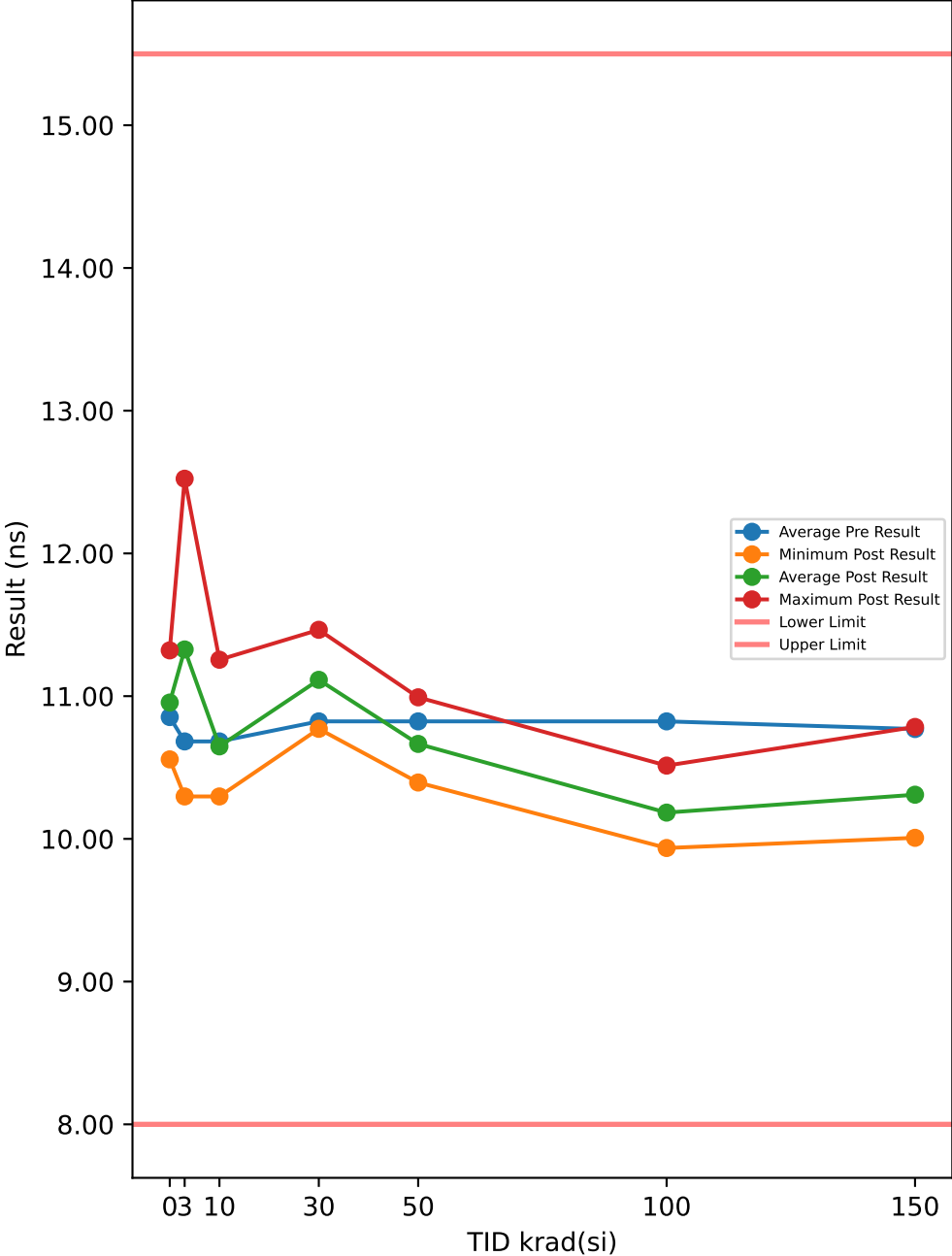


Test Statistics (ns)

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	3.8504	3.9299	4.0095	0.1125	3.7519	3.7804	3.8088	0.040234	-0.2576	-0.1496	-0.0416	0.15274
3	3.5203	3.8149	4.425	0.28639	4.8954	5.1962	5.8877	0.30371	1.2453	1.3813	1.4872	0.076772
10	3.5203	3.8149	4.425	0.28639	3.5743	3.8858	4.519	0.30052	-0.0023	0.070867	0.1905	0.075141
30	3.5347	3.9863	4.7225	0.3329	4.1312	4.5433	5.1987	0.316	0.3969	0.55698	0.7787	0.12689
50	3.5347	3.9863	4.7225	0.3329	3.9002	4.2452	4.8617	0.3093	-0.0687	0.25889	0.4878	0.18368
100	3.5347	3.9863	4.7225	0.3329	3.6542	4.0142	4.7414	0.31204	-0.2972	0.02785	0.3394	0.18252
150	3.0238	3.9198	4.6765	0.49855	3.8139	4.3831	5.19	0.44037	0.1455	0.46326	1.0369	0.24715

Device Test: 95.11 DLH Dead Time Small 2MHz VIN_10V

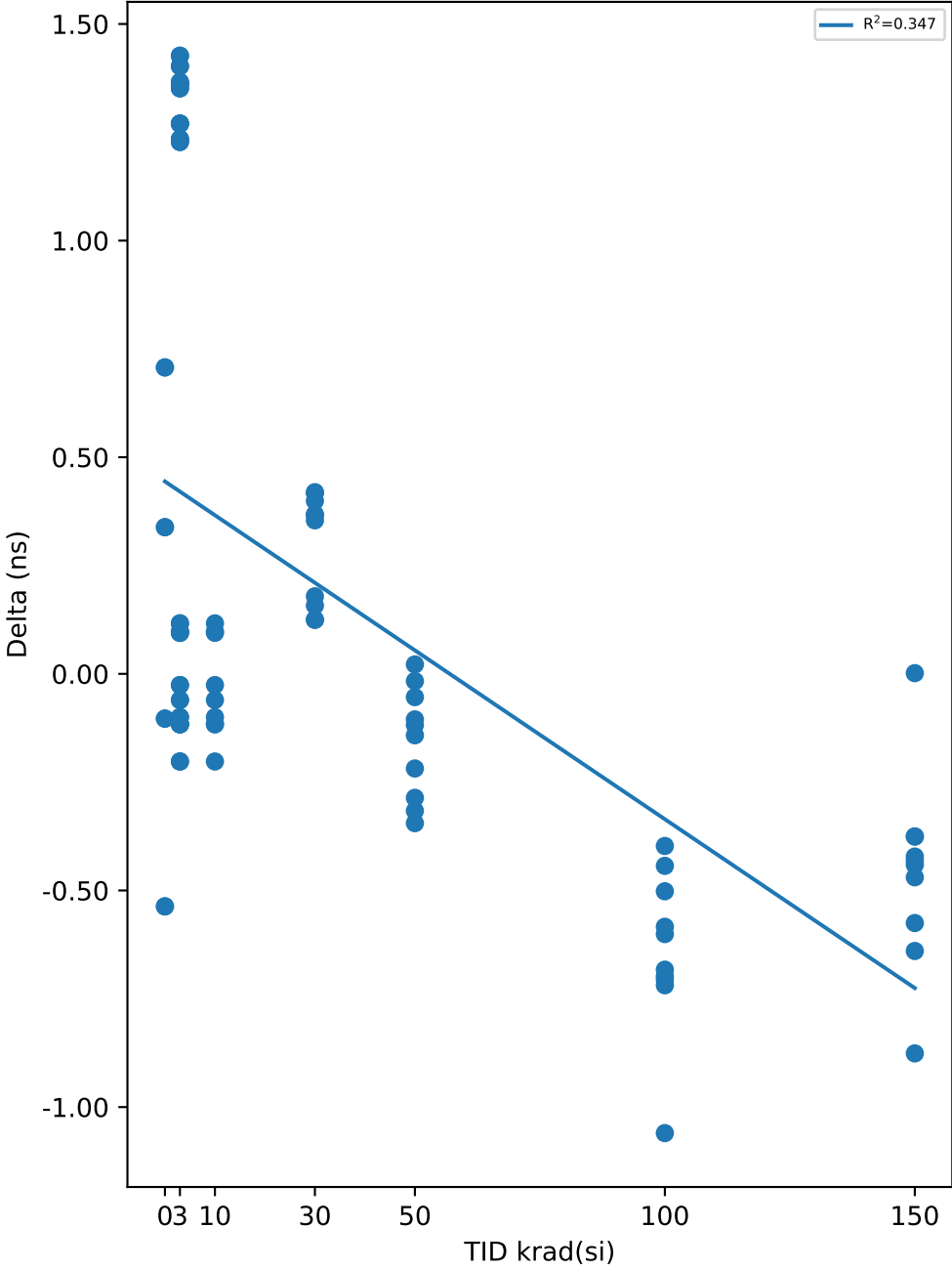
TID vs Result Stats



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.094	10.557	-0.5367
2	0	CORRELATION	10.613	10.952	0.3385
259	3	LDR Biased	10.479	11.84	1.3609
426	3	LDR Biased	10.672	12.024	1.3515
427	3	LDR Biased	10.641	12.044	1.4027
428	3	LDR Biased	10.413	11.683	1.2699
429	3	LDR Unbiased	10.358	11.628	1.27
430	3	LDR Unbiased	10.892	12.126	1.2345
431	3	LDR Unbiased	11.157	12.523	1.366
432	3	LDR Unbiased	11.108	12.336	1.2277
433	3	LDR Unbiased	10.424	11.851	1.4267
1259	10	LDR Biased	10.479	10.596	0.1165
1426	10	LDR Biased	10.672	10.572	-0.0999
1427	10	LDR Biased	10.641	10.736	0.0946
1428	10	LDR Biased	10.413	10.298	-0.1157
1429	10	LDR Unbiased	10.358	10.297	-0.0604
1430	10	LDR Unbiased	10.892	10.689	-0.2023
1431	10	LDR Unbiased	11.157	11.255	0.0977
1432	10	LDR Unbiased	11.108	10.991	-0.1167
1433	10	LDR Unbiased	10.424	10.398	-0.0259
2434	30	LDR Biased	10.621	11.041	0.4193
2435	30	LDR Biased	11.097	11.465	0.368
2436	30	LDR Biased	10.957	11.323	0.3665
2437	30	LDR Biased	10.852	10.977	0.125
2438	30	LDR Biased	11.19	11.369	0.179
2439	30	LDR Unbiased	10.619	11.036	0.4172
2440	30	LDR Unbiased	10.648	11.002	0.3543
2441	30	LDR Unbiased	11.094	11.218	0.1247
2443	30	LDR Unbiased	10.613	10.771	0.1576
2444	30	LDR Unbiased	10.543	10.942	0.3992
3434	50	LDR Biased	10.621	10.643	0.0217
3435	50	LDR Biased	11.097	10.992	-0.1051
3436	50	LDR Biased	10.957	10.815	-0.1418
3437	50	LDR Biased	10.852	10.536	-0.3162
3438	50	LDR Biased	11.19	10.845	-0.3447
3439	50	LDR Unbiased	10.619	10.501	-0.118
3440	50	LDR Unbiased	10.648	10.631	-0.0166
3441	50	LDR Unbiased	11.094	10.807	-0.2862
3443	50	LDR Unbiased	10.613	10.395	-0.2185
3444	50	LDR Unbiased	10.543	10.489	-0.0537
4434	100	LDR Biased	10.621	10.119	-0.5019
4435	100	LDR Biased	11.097	10.378	-0.7189
4436	100	LDR Biased	10.957	10.513	-0.4432
4437	100	LDR Biased	10.852	10.146	-0.7056
4438	100	LDR Biased	11.19	10.13	-1.0601
4439	100	LDR Unbiased	10.619	9.936	-0.6828
4440	100	LDR Unbiased	10.648	10.25	-0.3973
4441	100	LDR Unbiased	11.094	10.396	-0.698
4443	100	LDR Unbiased	10.613	10.013	-0.6007
4444	100	LDR Unbiased	10.543	9.9588	-0.5838
4500	150	LDR Biased	11.16	10.784	-0.3755
4501	150	LDR Biased	10.647	10.007	-0.6397
4502	150	LDR Biased	10.568	10.098	-0.4696
4503	150	LDR Biased	11.23	10.354	-0.8761
4504	150	LDR Biased	10.808	10.377	-0.4307
4505	150	LDR Unbiased	11.177	10.602	-0.5752
4506	150	LDR Unbiased	10.745	10.304	-0.4407
4507	150	LDR Unbiased	10.53	10.108	-0.4218
4508	150	LDR Unbiased	10.252	10.254	0.0016
4509	150	LDR Unbiased	10.58	10.205	-0.3753

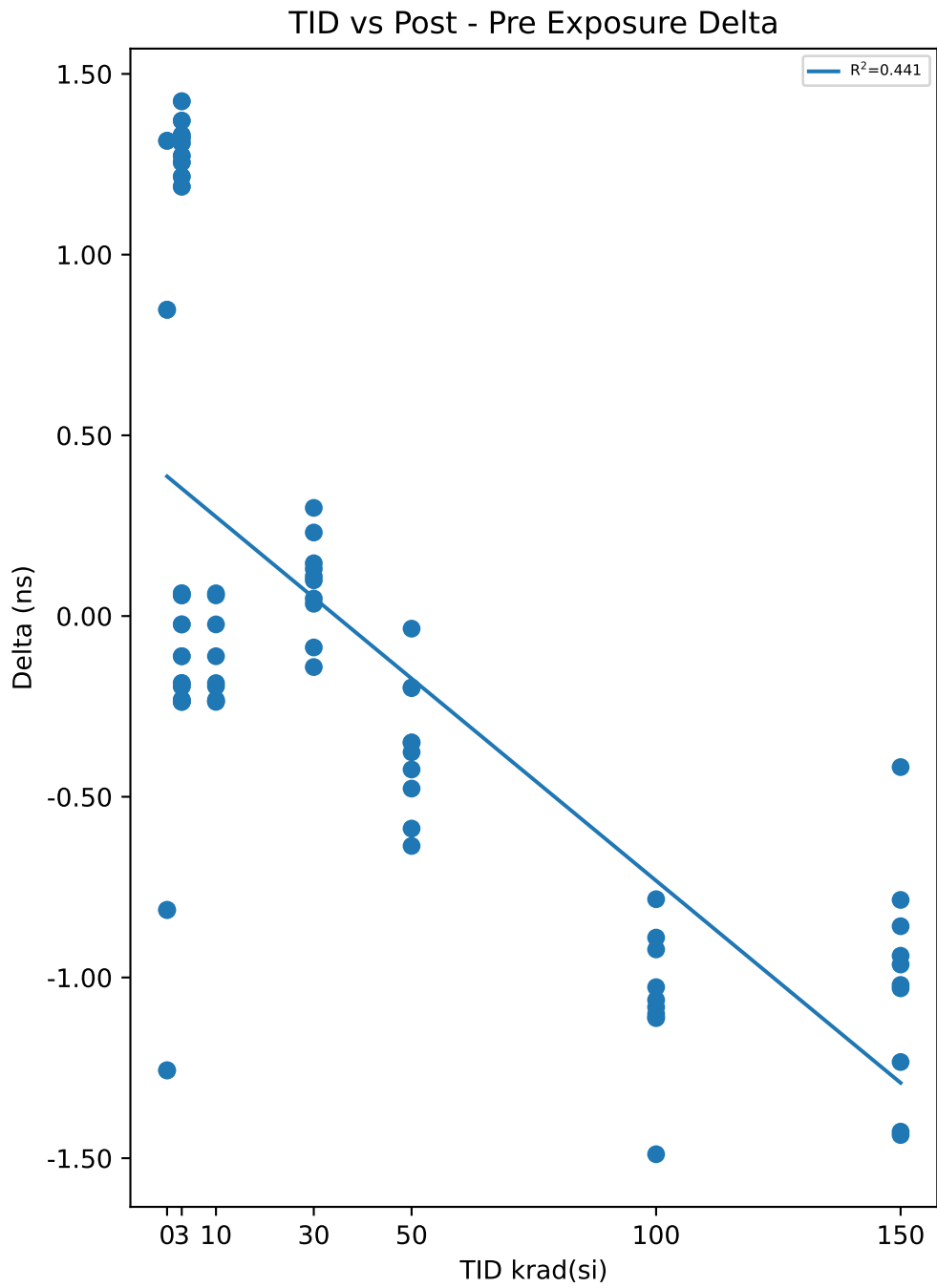
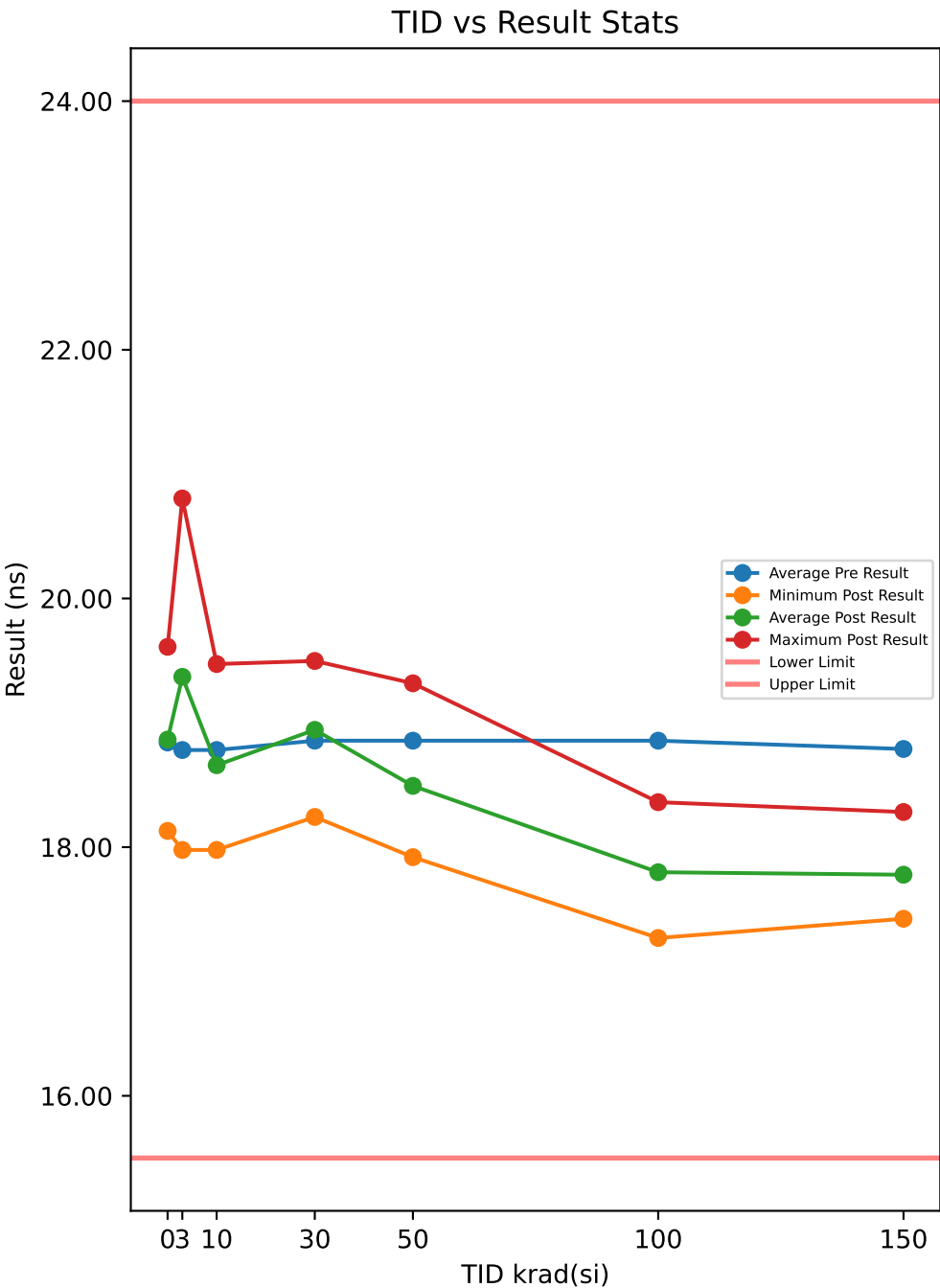
TID vs Post - Pre Exposure Delta



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	10.613	10.854	11.094	0.33955	10.557	10.754	10.952	0.27931	-0.5367	-0.0991	0.3385	0.61886
3	10.358	10.683	11.157	0.30379	11.628	12.006	12.523	0.29402	1.2277	1.3233	1.4267	0.073947
10	10.358	10.683	11.157	0.30379	10.297	10.648	11.255	0.31869	-0.2023	-0.034678	0.1165	0.11373
30	10.543	10.823	11.19	0.24428	10.771	11.114	11.465	0.21926	0.1247	0.29108	0.4193	0.12705
50	10.543	10.823	11.19	0.24428	10.395	10.665	10.992	0.19181	-0.3447	-0.15791	0.0217	0.12815
100	10.543	10.823	11.19	0.24428	9.936	10.184	10.513	0.1959	-1.0601	-0.63923	-0.3973	0.18667
150	10.252	10.77	11.23	0.32478	10.007	10.309	10.784	0.23759	-0.8761	-0.4603	0.0016	0.22333

Device Test: 95.12 DLH Dead Time Mid 2MHz VIN_10V



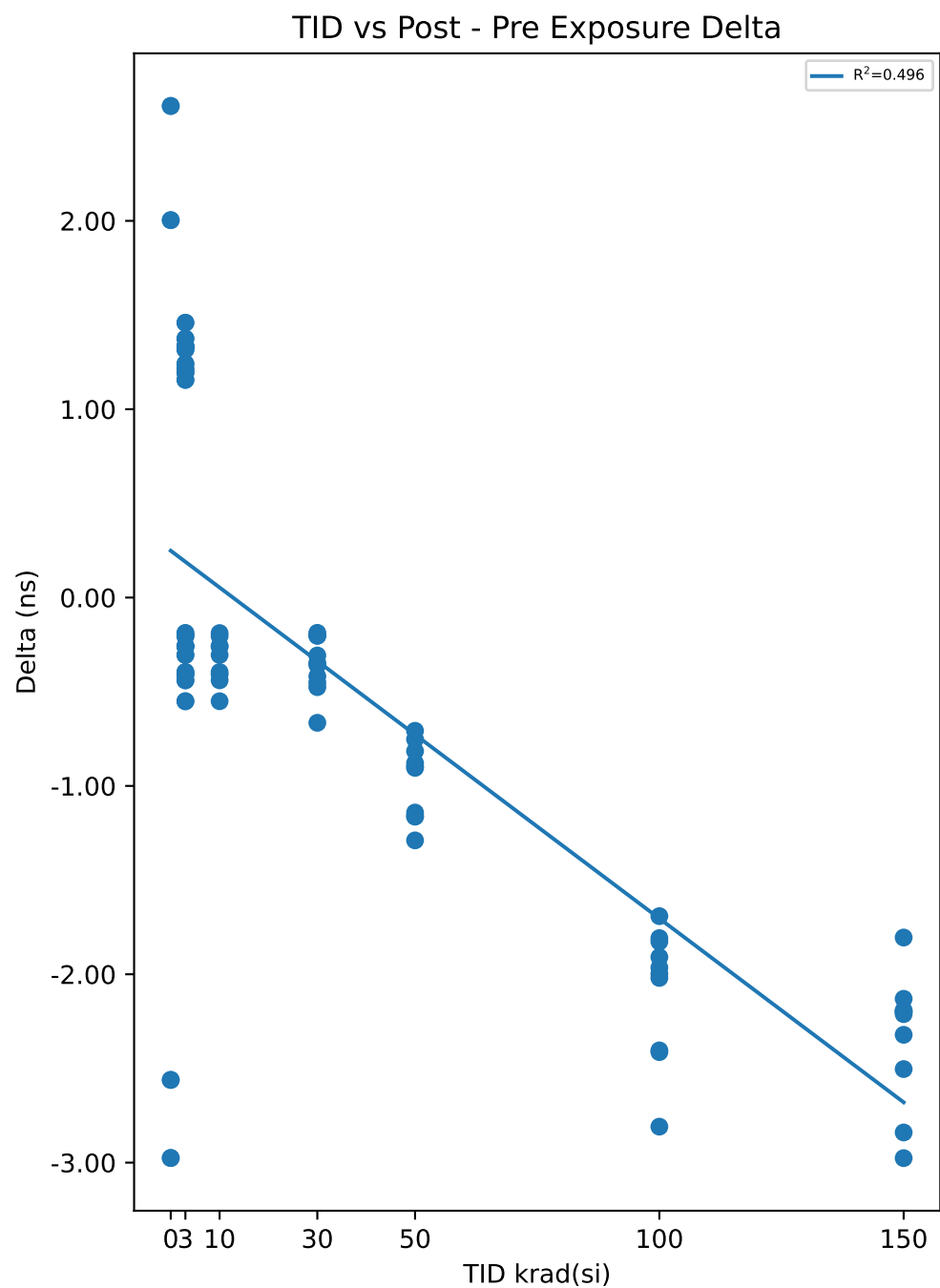
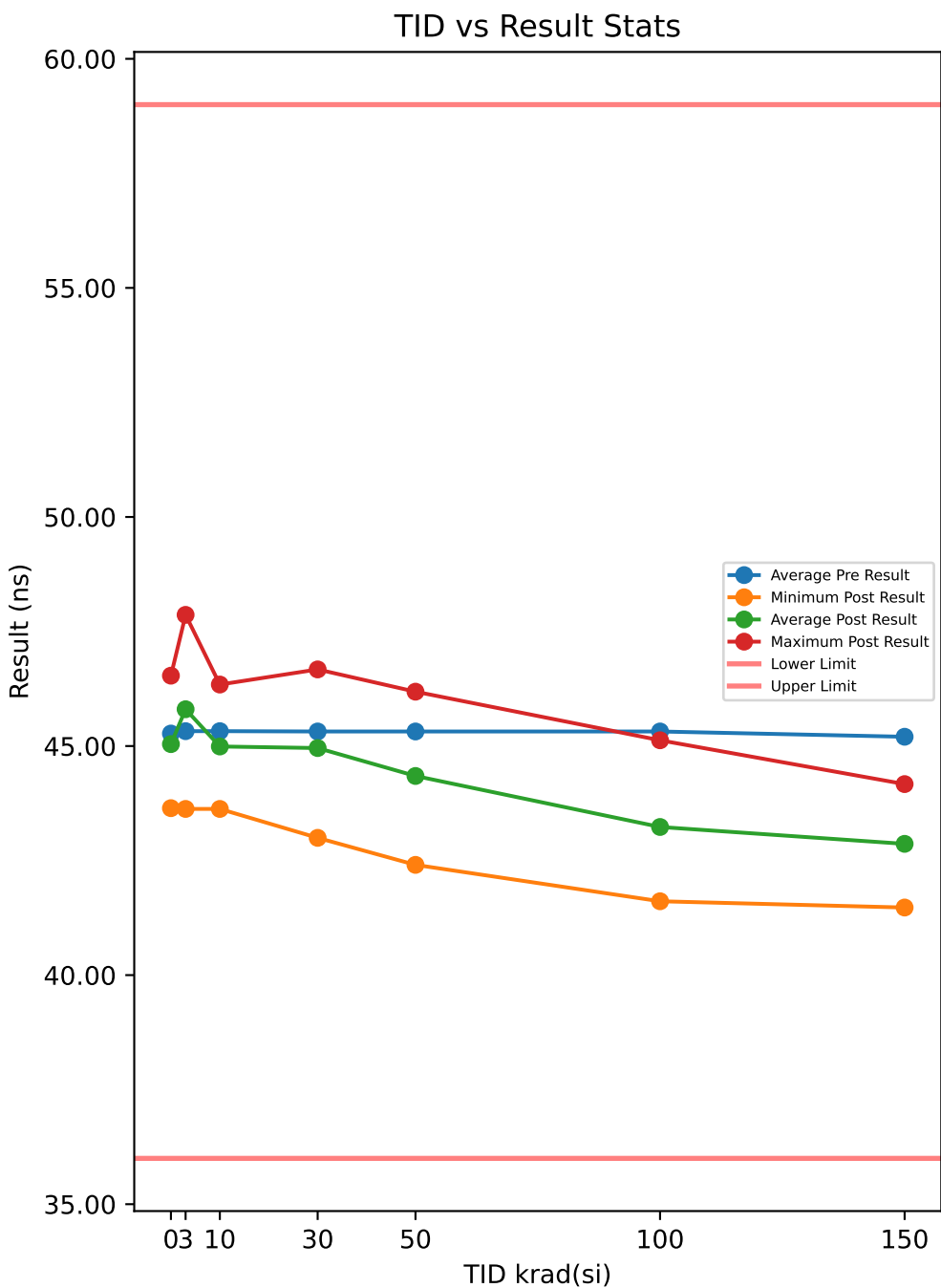
Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.387	18.131	-1.2569
2	0	CORRELATION	18.296	19.144	0.8475
259	3	LDR Biased	18.622	19.992	1.3705
426	3	LDR Biased	18.929	20.252	1.3223
427	3	LDR Biased	18.827	20.252	1.4243
428	3	LDR Biased	18.263	19.518	1.2551
429	3	LDR Unbiased	18.214	19.402	1.1881
430	3	LDR Unbiased	19.205	20.479	1.2732
431	3	LDR Unbiased	19.496	20.804	1.3085
432	3	LDR Unbiased	18.783	19.999	1.2158
433	3	LDR Unbiased	18.691	20.022	1.3311
1259	10	LDR Biased	18.622	18.679	0.0572
1426	10	LDR Biased	18.929	18.735	-0.1946
1427	10	LDR Biased	18.827	18.89	0.0629
1428	10	LDR Biased	18.263	18.077	-0.1855
1429	10	LDR Unbiased	18.214	17.977	-0.2363
1430	10	LDR Unbiased	19.205	18.974	-0.2316
1431	10	LDR Unbiased	19.496	19.473	-0.0231
1432	10	LDR Unbiased	18.783	18.672	-0.1112
1433	10	LDR Unbiased	18.691	18.454	-0.2374
2434	30	LDR Biased	18.333	18.632	0.2993
2435	30	LDR Biased	19.353	19.401	0.0484
2436	30	LDR Biased	18.47	18.701	0.2311
2437	30	LDR Biased	19	18.913	-0.0869
2438	30	LDR Biased	19.318	19.352	0.034
2439	30	LDR Unbiased	18.875	18.974	0.0989
2440	30	LDR Unbiased	19.145	19.291	0.146
2441	30	LDR Unbiased	19.387	19.497	0.1099
2443	30	LDR Unbiased	18.296	18.427	0.1306
2444	30	LDR Unbiased	18.384	18.243	-0.1411
3434	50	LDR Biased	18.333	18.134	-0.1994
3435	50	LDR Biased	19.353	19.318	-0.0349
3436	50	LDR Biased	18.47	18.12	-0.3504
3437	50	LDR Biased	19	18.65	-0.3496
3438	50	LDR Biased	19.318	18.682	-0.6361
3439	50	LDR Unbiased	18.875	18.287	-0.588
3440	50	LDR Unbiased	19.145	18.948	-0.1974
3441	50	LDR Unbiased	19.387	18.91	-0.4774
3443	50	LDR Unbiased	18.296	17.919	-0.3767
3444	50	LDR Unbiased	18.384	17.959	-0.4245
4434	100	LDR Biased	18.333	17.411	-0.9224
4435	100	LDR Biased	19.353	18.291	-1.0621
4436	100	LDR Biased	18.47	17.581	-0.8897
4437	100	LDR Biased	19	17.899	-1.1013
4438	100	LDR Biased	19.318	17.829	-1.489
4439	100	LDR Unbiased	18.875	17.793	-1.0822
4440	100	LDR Unbiased	19.145	18.362	-0.7834
4441	100	LDR Unbiased	19.387	18.275	-1.1124
4443	100	LDR Unbiased	18.296	17.269	-1.0268
4444	100	LDR Unbiased	18.384	17.273	-1.111
4500	150	LDR Biased	18.669	17.883	-0.7854
4501	150	LDR Biased	19.115	17.679	-1.4358
4502	150	LDR Biased	18.849	17.909	-0.9399
4503	150	LDR Biased	19.407	17.981	-1.4265
4504	150	LDR Biased	18.465	17.435	-1.03
4505	150	LDR Unbiased	19.039	17.805	-1.2339
4506	150	LDR Unbiased	18.511	17.49	-1.0207
4507	150	LDR Unbiased	18.282	17.424	-0.8582
4508	150	LDR Unbiased	18.7	18.282	-0.4179
4509	150	LDR Unbiased	18.857	17.893	-0.9641

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	18.296	18.842	19.387	0.77174	18.131	18.637	19.144	0.7163	-1.2569	-0.2047	0.8475	1.488
3	18.214	18.781	19.496	0.40905	19.402	20.08	20.804	0.43809	1.1881	1.2988	1.4243	0.074405
10	18.214	18.781	19.496	0.40905	17.977	18.659	19.473	0.45629	-0.2374	-0.12218	0.0629	0.12445
30	18.296	18.856	19.387	0.44798	18.243	18.943	19.497	0.43709	-0.1411	0.08702	0.2993	0.13269
50	18.296	18.856	19.387	0.44798	17.919	18.493	19.318	0.47681	-0.6361	-0.36344	-0.0349	0.18392
100	18.296	18.856	19.387	0.44798	17.269	17.798	18.362	0.41522	-1.489	-1.058	-0.7834	0.1877
150	18.282	18.789	19.407	0.33666	17.424	17.778	18.282	0.27345	-1.4358	-1.0112	-0.4179	0.30487

Device Test: 95.13 DLH Dead Time Large 2MHz VIN_10V



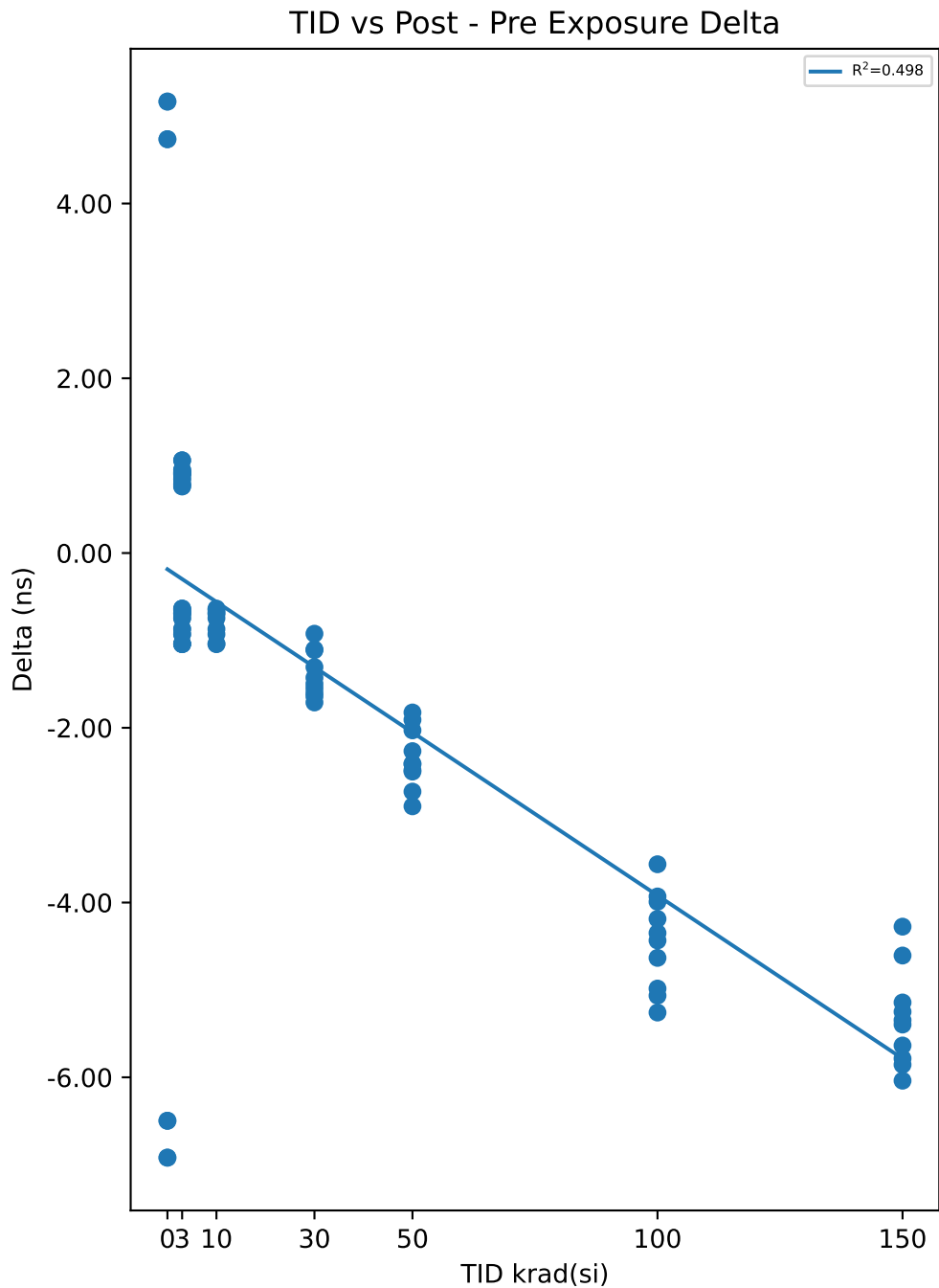
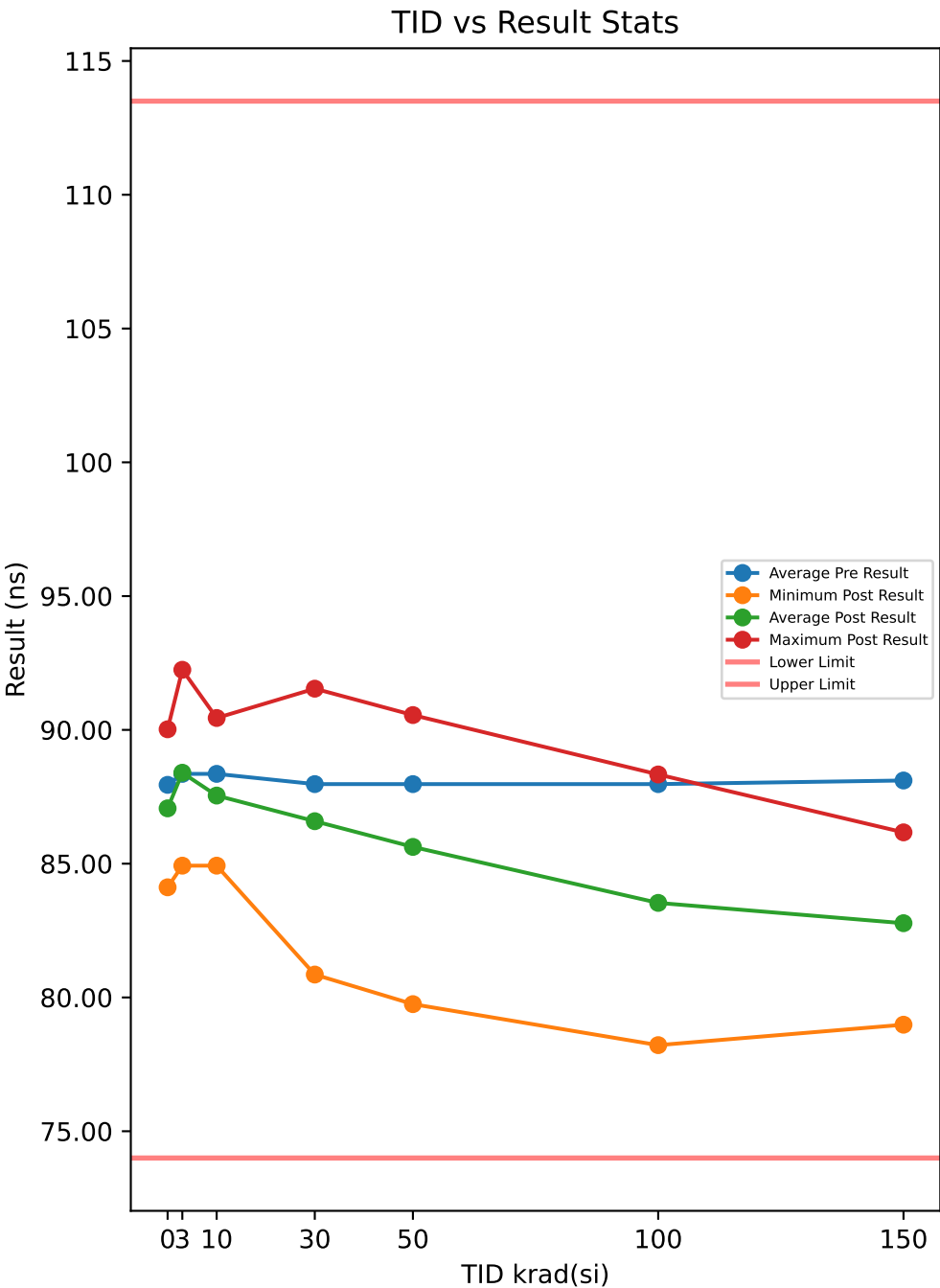
Test Results (Lower Limit = 36.0,
Upper Limit = 59.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	46.619	43.644	-2.9754
2	0	CORRELATION	43.926	45.93	2.0037
259	3	LDR Biased	45.26	46.577	1.317
426	3	LDR Biased	45.284	46.743	1.4592
427	3	LDR Biased	45.617	46.992	1.3747
428	3	LDR Biased	44.232	45.425	1.1936
429	3	LDR Unbiased	44.036	45.277	1.2411
430	3	LDR Unbiased	46.696	47.852	1.1558
431	3	LDR Unbiased	46.531	47.863	1.3323
432	3	LDR Unbiased	44.498	45.832	1.3349
433	3	LDR Unbiased	45.77	46.983	1.2132
1259	10	LDR Biased	45.26	45.001	-0.2586
1426	10	LDR Biased	45.284	45.025	-0.2591
1427	10	LDR Biased	45.617	45.412	-0.205
1428	10	LDR Biased	44.232	43.836	-0.3954
1429	10	LDR Unbiased	44.036	43.627	-0.4089
1430	10	LDR Unbiased	46.696	46.146	-0.5504
1431	10	LDR Unbiased	46.531	46.343	-0.1885
1432	10	LDR Unbiased	44.498	44.193	-0.3048
1433	10	LDR Unbiased	45.77	45.331	-0.4394
2434	30	LDR Biased	43.753	43.566	-0.1873
2435	30	LDR Biased	46.706	46.503	-0.2028
2436	30	LDR Biased	43.303	42.996	-0.3075
2437	30	LDR Biased	45.753	45.302	-0.4509
2438	30	LDR Biased	45.967	45.302	-0.6649
2439	30	LDR Unbiased	46.119	45.761	-0.3576
2440	30	LDR Unbiased	47.091	46.672	-0.4182
2441	30	LDR Unbiased	46.619	46.273	-0.3469
2443	30	LDR Unbiased	43.926	43.45	-0.4756
2444	30	LDR Unbiased	43.939	43.736	-0.2024
3434	50	LDR Biased	43.753	43.046	-0.7074
3435	50	LDR Biased	46.706	45.891	-0.8153
3436	50	LDR Biased	43.303	42.406	-0.8971
3437	50	LDR Biased	45.753	44.464	-1.2891
3438	50	LDR Biased	45.967	44.803	-1.1633
3439	50	LDR Unbiased	46.119	44.977	-1.1414
3440	50	LDR Unbiased	47.091	46.186	-0.9042
3441	50	LDR Unbiased	46.619	45.459	-1.1608
3443	50	LDR Unbiased	43.926	43.047	-0.8791
3444	50	LDR Unbiased	43.939	43.186	-0.7525
4434	100	LDR Biased	43.753	41.945	-1.8081
4435	100	LDR Biased	46.706	44.687	-2.0194
4436	100	LDR Biased	43.303	41.612	-1.6914
4437	100	LDR Biased	45.753	43.756	-1.9975
4438	100	LDR Biased	45.967	43.158	-2.8091
4439	100	LDR Unbiased	46.119	43.715	-2.4042
4440	100	LDR Unbiased	47.091	45.126	-1.9647
4441	100	LDR Unbiased	46.619	44.206	-2.4133
4443	100	LDR Unbiased	43.926	42.099	-1.8267
4444	100	LDR Unbiased	43.939	42.03	-1.9088
4500	150	LDR Biased	43.596	41.791	-1.805
4501	150	LDR Biased	46.547	43.707	-2.8399
4502	150	LDR Biased	45.828	43.63	-2.199
4503	150	LDR Biased	46.626	43.65	-2.9762
4504	150	LDR Biased	43.666	41.475	-2.1912
4505	150	LDR Unbiased	44.937	42.726	-2.2116
4506	150	LDR Unbiased	44.369	42.238	-2.1303
4507	150	LDR Unbiased	43.916	41.718	-2.1977
4508	150	LDR Unbiased	46.491	44.169	-2.3214
4509	150	LDR Unbiased	46.05	43.546	-2.5033

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	43.926	45.273	46.619	1.9045	43.644	44.787	45.93	1.6162	-2.9754	-0.48585	2.0037	3.5208
3	44.036	45.325	46.696	0.9464	45.277	46.616	47.863	0.94879	1.1558	1.2913	1.4592	0.097413
10	44.036	45.325	46.696	0.9464	43.627	44.99	46.343	0.95425	-0.5504	-0.33446	-0.1885	0.12108
30	43.303	45.318	47.091	1.4283	42.996	44.956	46.672	1.394	-0.6649	-0.36141	-0.1873	0.14917
50	43.303	45.318	47.091	1.4283	42.406	44.347	46.186	1.3383	-1.2891	-0.97102	-0.7074	0.20085
100	43.303	45.318	47.091	1.4283	41.612	43.233	45.126	1.2549	-2.8091	-2.0843	-1.6914	0.34797
150	43.596	45.203	46.626	1.2457	41.475	42.865	44.169	0.99379	-2.9762	-2.3376	-1.805	0.3481

Device Test: 95.14 DLH Dead Time Max 2MHz VIN_10V



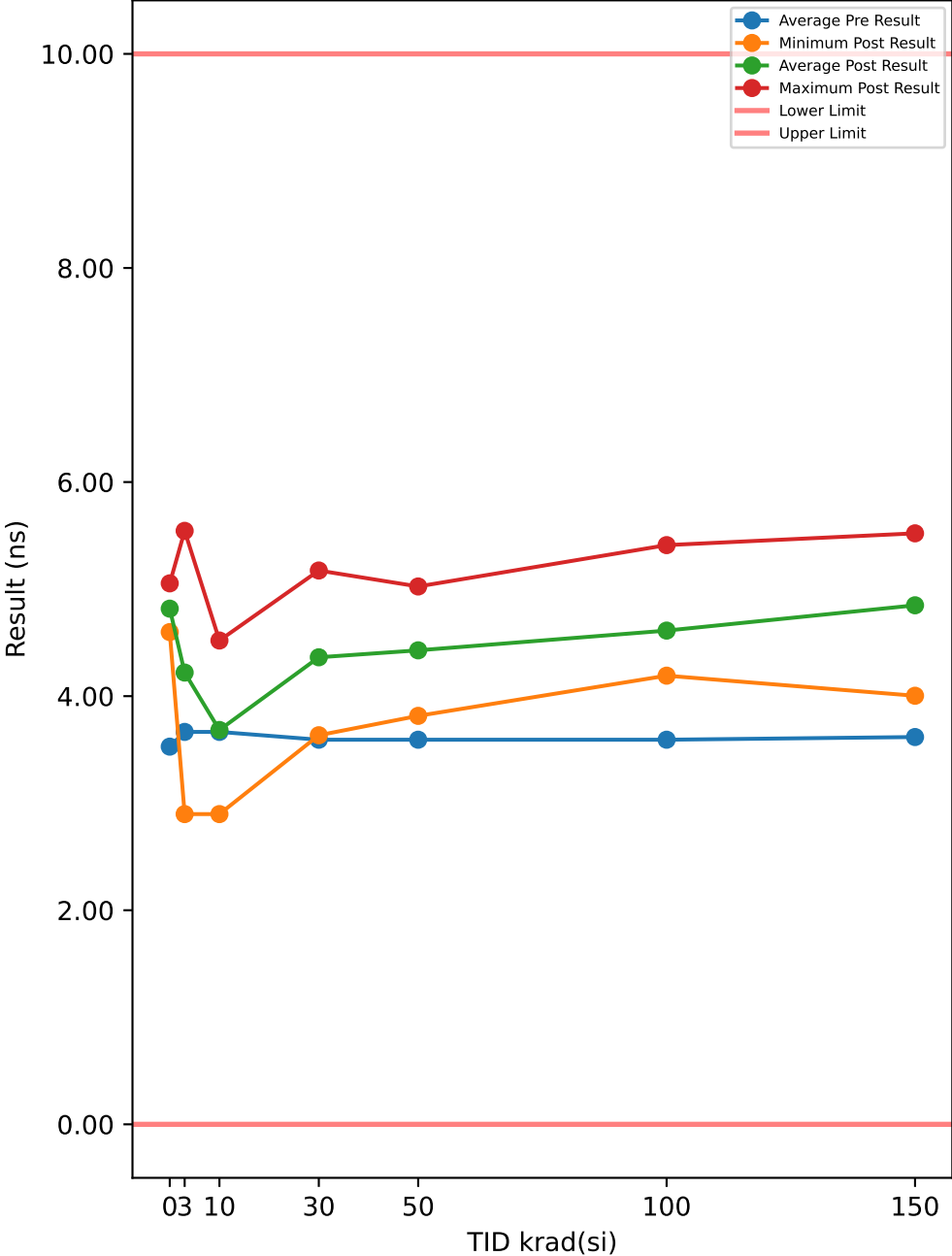
Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	91.036	84.116	-6.9195
2	0	CORRELATION	84.856	89.592	4.7362
259	3	LDR Biased	88.337	89.184	0.8471
426	3	LDR Biased	87.801	88.717	0.9157
427	3	LDR Biased	88.974	89.763	0.7884
428	3	LDR Biased	86.384	87.336	0.9519
429	3	LDR Unbiased	85.796	86.723	0.9277
430	3	LDR Unbiased	91.483	92.246	0.7629
431	3	LDR Unbiased	90.201	91.261	1.0609
432	3	LDR Unbiased	86.358	87.268	0.9103
433	3	LDR Unbiased	89.87	90.769	0.8981
1259	10	LDR Biased	88.337	87.702	-0.6358
1426	10	LDR Biased	87.801	87.056	-0.7455
1427	10	LDR Biased	88.974	88.323	-0.651
1428	10	LDR Biased	86.384	85.455	-0.9296
1429	10	LDR Unbiased	85.796	84.926	-0.87
1430	10	LDR Unbiased	91.483	90.445	-1.0385
1431	10	LDR Unbiased	90.201	89.514	-0.6862
1432	10	LDR Unbiased	86.358	85.664	-0.6943
1433	10	LDR Unbiased	89.87	88.827	-1.043
2434	30	LDR Biased	83.98	82.877	-1.1029
2435	30	LDR Biased	91.582	90.471	-1.1113
2436	30	LDR Biased	81.779	80.856	-0.9234
2437	30	LDR Biased	89.169	87.528	-1.641
2438	30	LDR Biased	88.696	87.2	-1.4963
2439	30	LDR Unbiased	90.621	89.021	-1.6004
2440	30	LDR Unbiased	92.967	91.54	-1.4266
2441	30	LDR Unbiased	91.036	89.326	-1.7101
2443	30	LDR Unbiased	84.856	83.309	-1.5466
2444	30	LDR Unbiased	85.049	83.744	-1.3051
3434	50	LDR Biased	83.98	82.155	-1.8247
3435	50	LDR Biased	91.582	89.674	-1.9086
3436	50	LDR Biased	81.779	79.75	-2.0291
3437	50	LDR Biased	89.169	86.683	-2.4858
3438	50	LDR Biased	88.696	86.429	-2.2671
3439	50	LDR Unbiased	90.621	87.891	-2.7304
3440	50	LDR Unbiased	92.967	90.554	-2.413
3441	50	LDR Unbiased	91.036	88.138	-2.8983
3443	50	LDR Unbiased	84.856	82.443	-2.413
3444	50	LDR Unbiased	85.049	82.548	-2.5012
4434	100	LDR Biased	83.98	79.989	-3.9907
4435	100	LDR Biased	91.582	87.234	-4.3488
4436	100	LDR Biased	81.779	78.217	-3.5617
4437	100	LDR Biased	89.169	85.239	-3.9304
4438	100	LDR Biased	88.696	83.438	-5.2587
4439	100	LDR Unbiased	90.621	85.637	-4.9844
4440	100	LDR Unbiased	92.967	88.334	-4.6332
4441	100	LDR Unbiased	91.036	85.97	-5.0655
4443	100	LDR Unbiased	84.856	80.669	-4.187
4444	100	LDR Unbiased	85.049	80.615	-4.4339
4500	150	LDR Biased	83.257	78.981	-4.2758
4501	150	LDR Biased	91.24	85.455	-5.7848
4502	150	LDR Biased	90.125	84.981	-5.1437
4503	150	LDR Biased	91.196	85.158	-6.0385
4504	150	LDR Biased	84.451	79.844	-4.6063
4505	150	LDR Unbiased	86.796	81.4	-5.3961
4506	150	LDR Unbiased	86.343	80.997	-5.3459
4507	150	LDR Unbiased	85.403	80.153	-5.2498
4508	150	LDR Unbiased	92.025	86.17	-5.8555
4509	150	LDR Unbiased	90.248	84.612	-5.6361

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	84.856	87.946	91.036	4.37	84.116	86.854	89.592	3.8718	-6.9195	-1.0917	4.7362	8.2418
3	85.796	88.356	91.483	1.9558	86.723	89.252	92.246	1.9317	0.7629	0.89589	1.0609	0.089165
10	85.796	88.356	91.483	1.9558	84.926	87.546	90.445	1.9226	-1.043	-0.81043	-0.6358	0.16313
30	81.779	87.974	92.967	3.7844	80.856	86.587	91.54	3.6477	-1.7101	-1.3864	-0.9234	0.26495
50	81.779	87.974	92.967	3.7844	79.75	85.626	90.554	3.6523	-2.8983	-2.3471	-1.8247	0.34563
100	81.779	87.974	92.967	3.7844	78.217	83.534	88.334	3.4571	-5.2587	-4.4394	-3.5617	0.54778
150	83.257	88.108	92.025	3.2041	78.981	82.775	86.17	2.7393	-6.0385	-5.3332	-4.2758	0.55371

Device Test: 95.19 DHL Dead Time Min 500kHz VIN_10V

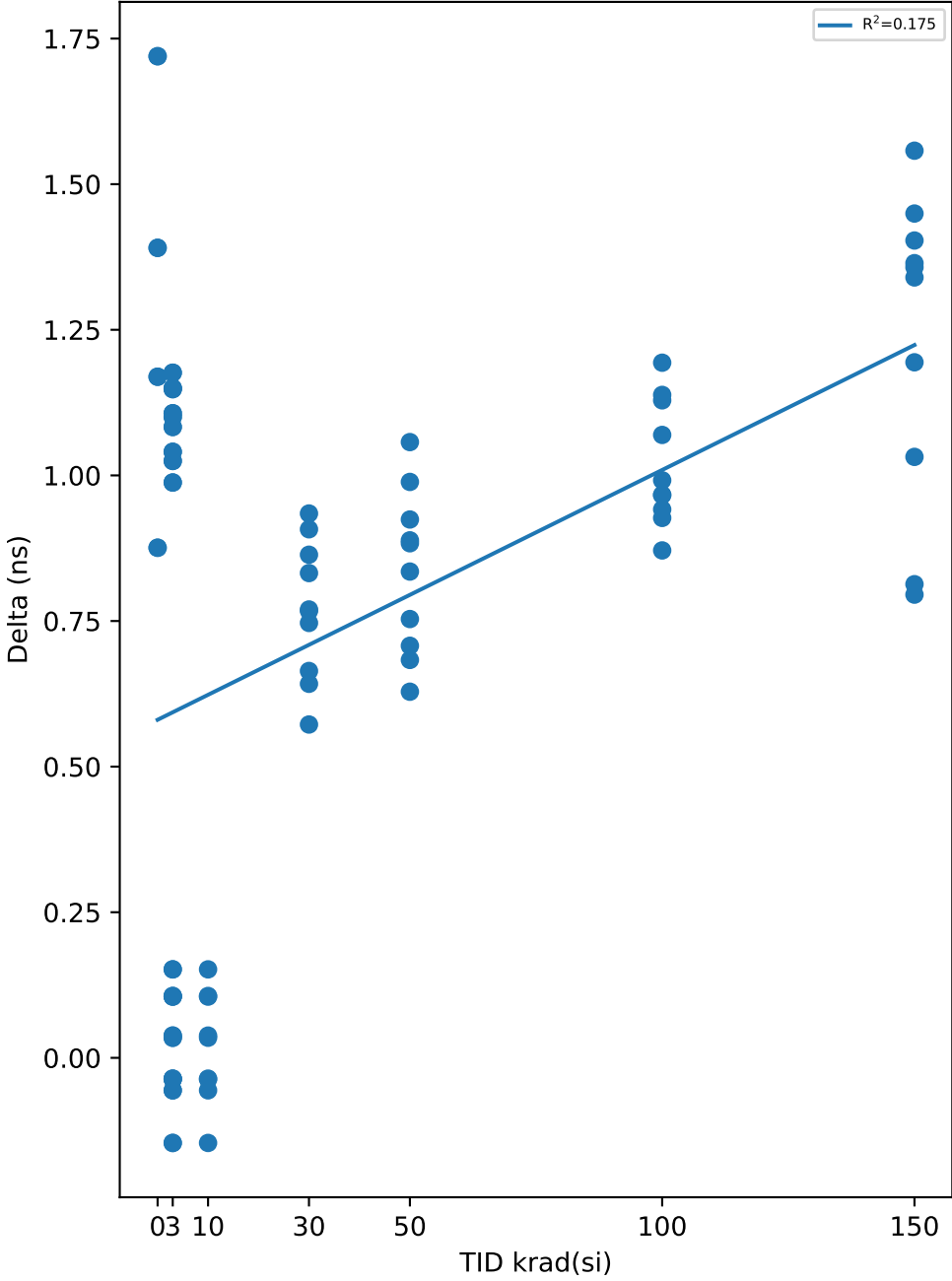
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.334	4.7247	1.3907
2	0	CORRELATION	3.7227	4.5985	0.8758
259	3	LDR Biased	3.3503	4.4507	1.1004
426	3	LDR Biased	3.4165	4.5665	1.15
427	3	LDR Biased	4.5564	5.5442	0.9878
428	3	LDR Biased	3.7155	4.8636	1.1481
429	3	LDR Unbiased	2.793	3.9693	1.1763
430	3	LDR Unbiased	3.8782	4.9614	1.0832
431	3	LDR Unbiased	4.0057	5.0462	1.0405
432	3	LDR Unbiased	3.456	4.5627	1.1067
433	3	LDR Unbiased	3.8216	4.8464	1.0248
1259	10	LDR Biased	3.3503	3.3146	-0.0357
1426	10	LDR Biased	3.4165	3.5684	0.1519
1427	10	LDR Biased	4.5564	4.5196	-0.0368
1428	10	LDR Biased	3.7155	3.8217	0.1062
1429	10	LDR Unbiased	2.793	2.8981	0.1051
1430	10	LDR Unbiased	3.8782	3.9164	0.0382
1431	10	LDR Unbiased	4.0057	3.8596	-0.1461
1432	10	LDR Unbiased	3.456	3.4002	-0.0558
1433	10	LDR Unbiased	3.8216	3.8561	0.0345
2434	30	LDR Biased	3.0624	3.6347	0.5723
2435	30	LDR Biased	4.3413	5.1736	0.8323
2436	30	LDR Biased	3.3518	3.994	0.6422
2437	30	LDR Biased	3.9734	4.7432	0.7698
2438	30	LDR Biased	3.8241	4.7587	0.9346
2439	30	LDR Unbiased	3.3581	4.1255	0.7674
2440	30	LDR Unbiased	3.5781	4.2423	0.6642
2441	30	LDR Unbiased	3.334	4.1978	0.8638
2443	30	LDR Unbiased	3.7227	4.4694	0.7467
2444	30	LDR Unbiased	3.3833	4.2908	0.9075
3434	50	LDR Biased	3.0624	3.8158	0.7534
3435	50	LDR Biased	4.3413	5.0245	0.6832
3436	50	LDR Biased	3.3518	4.2403	0.8885
3437	50	LDR Biased	3.9734	4.8977	0.9243
3438	50	LDR Biased	3.8241	4.8129	0.9888
3439	50	LDR Unbiased	3.3581	4.0656	0.7075
3440	50	LDR Unbiased	3.5781	4.6353	1.0572
3441	50	LDR Unbiased	3.334	4.2175	0.8835
3443	50	LDR Unbiased	3.7227	4.5576	0.8349
3444	50	LDR Unbiased	3.3833	4.0119	0.6286
4434	100	LDR Biased	3.0624	4.1913	1.1289
4435	100	LDR Biased	4.3413	5.4108	1.0695
4436	100	LDR Biased	3.3518	4.3185	0.9667
4437	100	LDR Biased	3.9734	5.1669	1.1935
4438	100	LDR Biased	3.8241	4.9623	1.1382
4439	100	LDR Unbiased	3.3581	4.2997	0.9416
4440	100	LDR Unbiased	3.5781	4.5051	0.927
4441	100	LDR Unbiased	3.334	4.3001	0.9661
4443	100	LDR Unbiased	3.7227	4.5939	0.8712
4444	100	LDR Unbiased	3.3833	4.3749	0.9916
4500	150	LDR Biased	3.5489	4.7431	1.1942
4501	150	LDR Biased	3.1709	4.5283	1.3574
4502	150	LDR Biased	3.7667	5.2163	1.4496
4503	150	LDR Biased	3.9103	5.2747	1.3644
4504	150	LDR Biased	4.181	5.5209	1.3399
4505	150	LDR Unbiased	3.2515	4.6548	1.4033
4506	150	LDR Unbiased	3.5981	5.1556	1.5575
4507	150	LDR Unbiased	4.1438	4.9391	0.7953
4508	150	LDR Unbiased	3.1904	4.0036	0.8132
4509	150	LDR Unbiased	3.4183	4.4501	1.0318

TID vs Post - Pre Exposure Delta

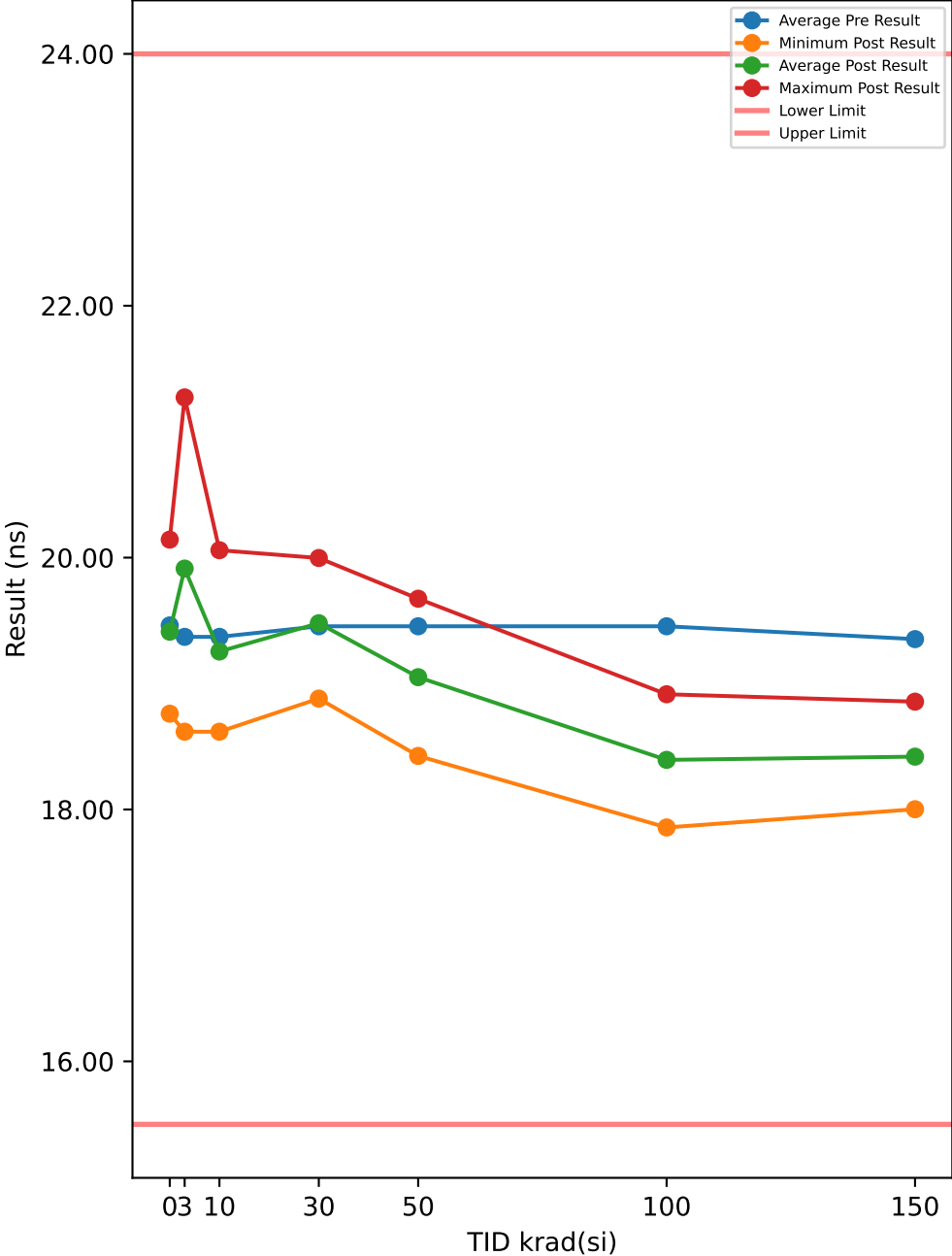


Test Statistics (ns)

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	3.334	3.5284	3.7227	0.27485	4.5985	4.6616	4.7247	0.089237	0.8758	1.1332	1.3907	0.36409
3	2.793	3.6659	4.5564	0.49346	3.9693	4.7568	5.5442	0.44057	0.9878	1.0909	1.1763	0.063242
10	2.793	3.6659	4.5564	0.49346	2.8981	3.6839	4.5196	0.45821	-0.1461	0.017944	0.1519	0.095024
30	3.0624	3.5929	4.3413	0.37728	3.6347	4.363	5.1736	0.43964	0.5723	0.77008	0.9346	0.11825
50	3.0624	3.5929	4.3413	0.37728	3.8158	4.4279	5.0245	0.41408	0.6286	0.83499	1.0572	0.13935
100	3.0624	3.5929	4.3413	0.37728	4.1913	4.6124	5.4108	0.42093	0.8712	1.0194	1.1935	0.10639
150	3.1709	3.618	4.181	0.37463	4.0036	4.8487	5.5209	0.4589	0.7953	1.2307	1.5575	0.26565

Device Test: 95.2 DLH Dead Time Mid 500kHz VIN_10V

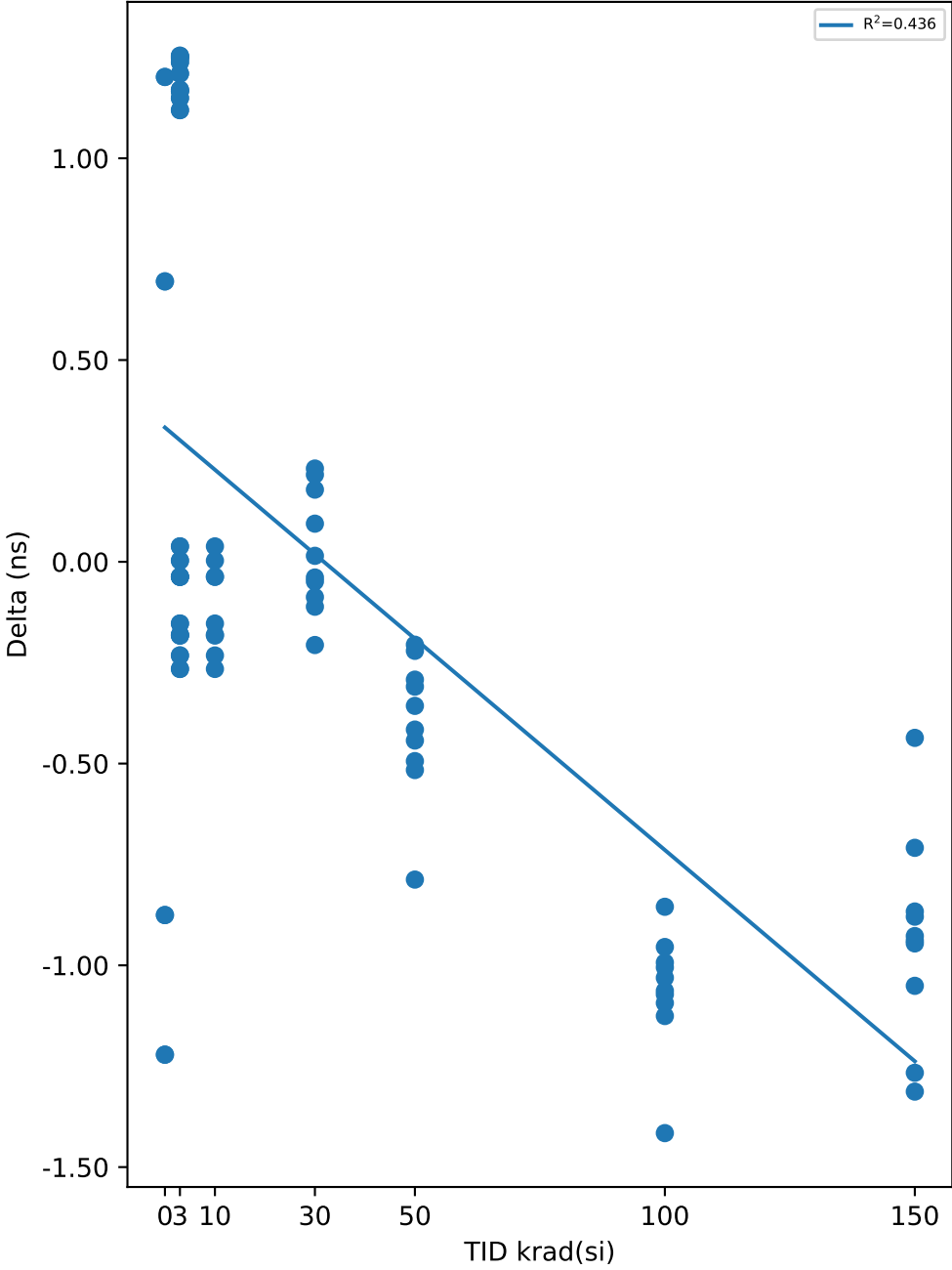
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.982	18.761	-1.2214
2	0	CORRELATION	18.941	19.636	0.6949
259	3	LDR Biased	19.244	20.498	1.2541
426	3	LDR Biased	19.519	20.757	1.2381
427	3	LDR Biased	19.43	20.678	1.2483
428	3	LDR Biased	18.89	20.01	1.1193
429	3	LDR Unbiased	18.771	19.937	1.1661
430	3	LDR Unbiased	19.836	20.985	1.1492
431	3	LDR Unbiased	20.021	21.272	1.2514
432	3	LDR Unbiased	19.305	20.515	1.2098
433	3	LDR Unbiased	19.323	20.492	1.17
1259	10	LDR Biased	19.244	19.207	-0.0368
1426	10	LDR Biased	19.519	19.336	-0.1828
1427	10	LDR Biased	19.43	19.433	0.003
1428	10	LDR Biased	18.89	18.709	-0.1808
1429	10	LDR Unbiased	18.771	18.618	-0.153
1430	10	LDR Unbiased	19.836	19.57	-0.2655
1431	10	LDR Unbiased	20.021	20.059	0.0382
1432	10	LDR Unbiased	19.305	19.267	-0.0373
1433	10	LDR Unbiased	19.323	19.09	-0.2321
2434	30	LDR Biased	18.992	19.223	0.2311
2435	30	LDR Biased	19.983	19.895	-0.0875
2436	30	LDR Biased	19.041	19.257	0.2158
2437	30	LDR Biased	19.565	19.359	-0.2062
2438	30	LDR Biased	19.879	19.768	-0.1113
2439	30	LDR Unbiased	19.464	19.643	0.1789
2440	30	LDR Unbiased	19.77	19.864	0.0945
2441	30	LDR Unbiased	19.982	19.997	0.0148
2443	30	LDR Unbiased	18.941	18.902	-0.0389
2444	30	LDR Unbiased	18.929	18.881	-0.0486
3434	50	LDR Biased	18.992	18.771	-0.2206
3435	50	LDR Biased	19.983	19.674	-0.3094
3436	50	LDR Biased	19.041	18.684	-0.357
3437	50	LDR Biased	19.565	19.122	-0.4429
3438	50	LDR Biased	19.879	19.092	-0.7875
3439	50	LDR Unbiased	19.464	19.049	-0.4158
3440	50	LDR Unbiased	19.77	19.478	-0.292
3441	50	LDR Unbiased	19.982	19.488	-0.4939
3443	50	LDR Unbiased	18.941	18.425	-0.516
3444	50	LDR Unbiased	18.929	18.724	-0.2055
4434	100	LDR Biased	18.992	17.961	-1.0308
4435	100	LDR Biased	19.983	18.89	-1.0934
4436	100	LDR Biased	19.041	18.087	-0.9546
4437	100	LDR Biased	19.565	18.572	-0.993
4438	100	LDR Biased	19.879	18.464	-1.4158
4439	100	LDR Unbiased	19.464	18.401	-1.0632
4440	100	LDR Unbiased	19.77	18.915	-0.8549
4441	100	LDR Unbiased	19.982	18.856	-1.1256
4443	100	LDR Unbiased	18.941	17.936	-1.005
4444	100	LDR Unbiased	18.929	17.857	-1.0719
4500	150	LDR Biased	19.205	18.266	-0.9387
4501	150	LDR Biased	19.622	18.309	-1.3129
4502	150	LDR Biased	19.454	18.509	-0.9457
4503	150	LDR Biased	19.994	18.728	-1.2663
4504	150	LDR Biased	19.001	18.074	-0.9275
4505	150	LDR Unbiased	19.601	18.55	-1.0508
4506	150	LDR Unbiased	19.113	18.234	-0.8794
4507	150	LDR Unbiased	18.869	18.002	-0.8666
4508	150	LDR Unbiased	19.292	18.856	-0.4363
4509	150	LDR Unbiased	19.376	18.667	-0.7088

TID vs Post - Pre Exposure Delta

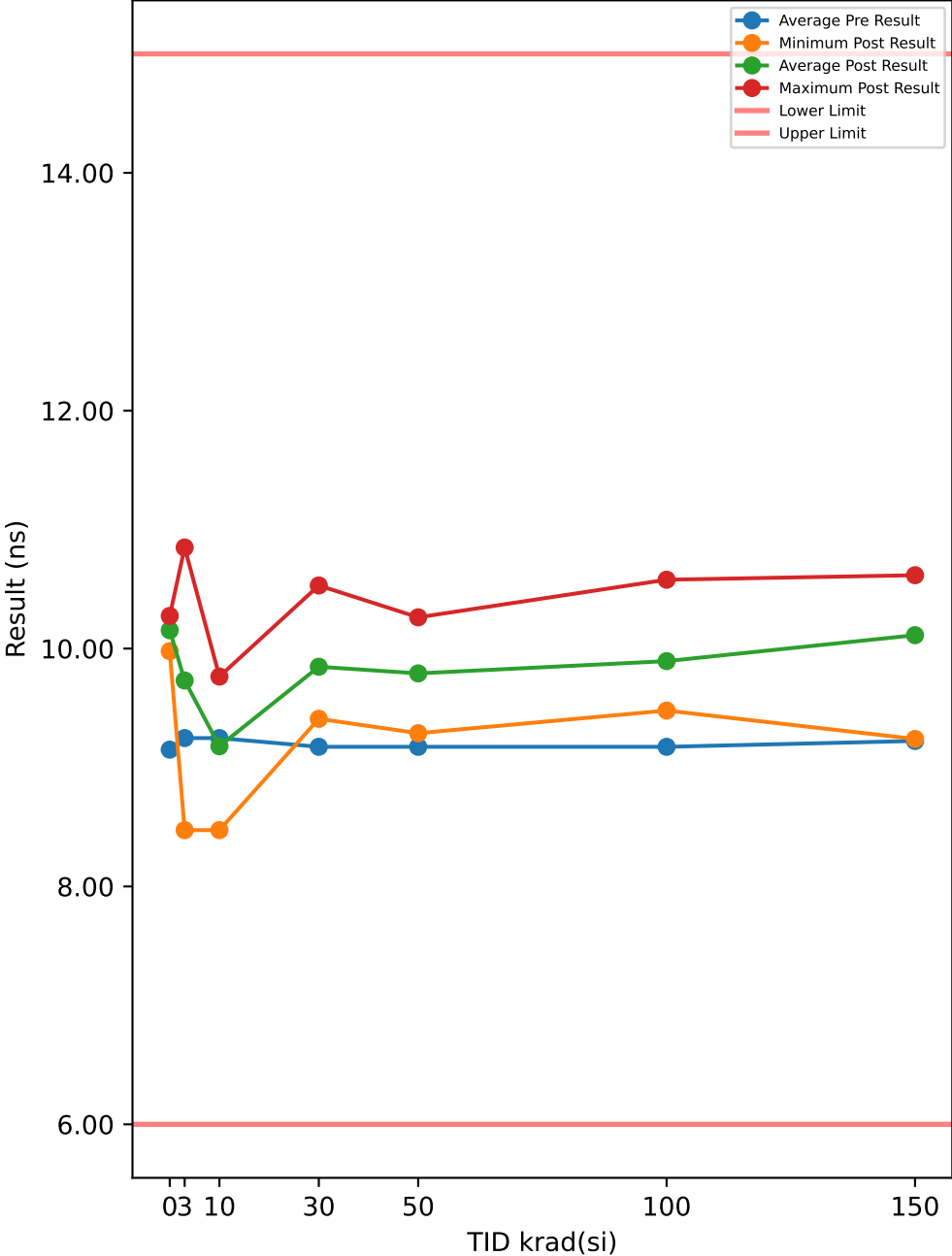


Test Statistics (ns)

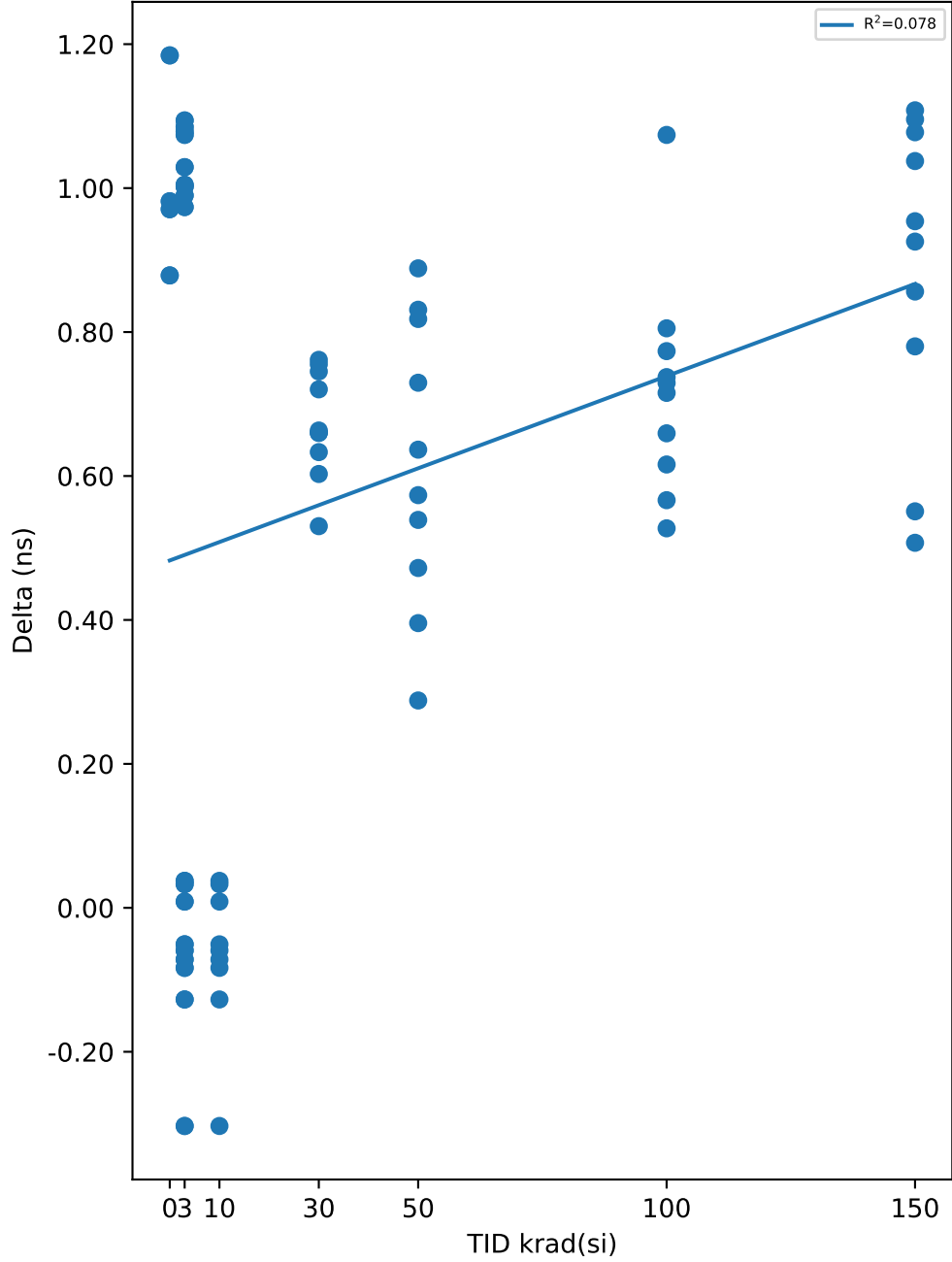
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.941	19.462	19.982	0.73589	18.761	19.198	19.636	0.61914	-1.2214	-0.26325	0.6949	1.355
3	18.771	19.371	20.021	0.39965	19.937	20.571	21.272	0.42441	1.1193	1.2007	1.2541	0.050729
10	18.771	19.371	20.021	0.39965	18.618	19.254	20.059	0.43547	-0.2655	-0.11634	0.0382	0.10969
30	18.929	19.455	19.983	0.44398	18.881	19.479	19.997	0.41102	-0.2062	0.02426	0.2311	0.1497
50	18.929	19.455	19.983	0.44398	18.425	19.051	19.674	0.40539	-0.7875	-0.40406	-0.2055	0.17195
100	18.929	19.455	19.983	0.44398	17.857	18.394	18.915	0.41458	-1.4158	-1.0608	-0.8549	0.1467
150	18.869	19.353	19.994	0.33295	18.002	18.419	18.856	0.28602	-1.3129	-0.9333	-0.4363	0.25249

Device Test: 95.20 DHL Dead Time Small 500kHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

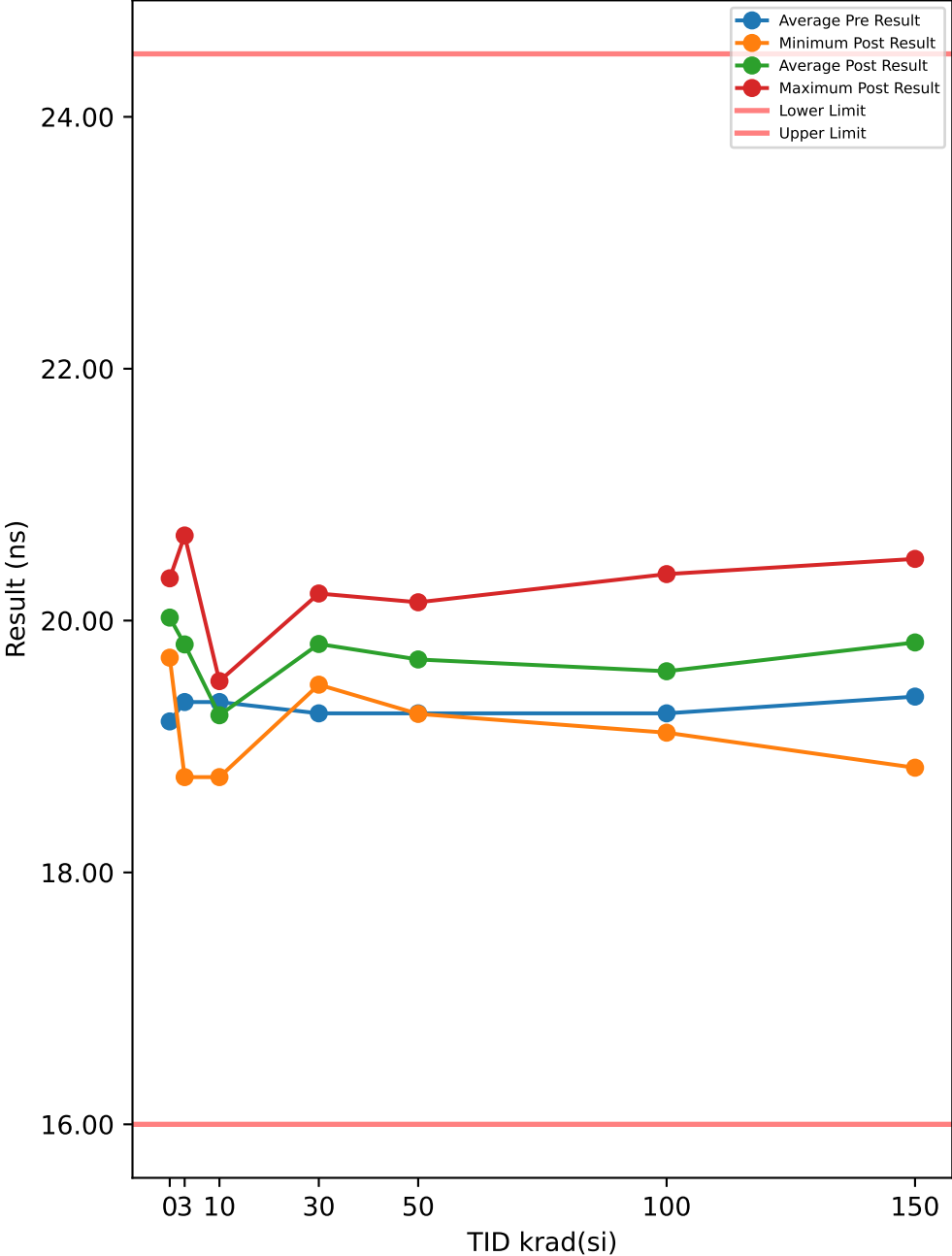
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.0075	9.9782	0.9707
2	0	CORRELATION	9.2927	10.171	0.8787
259	3	LDR Biased	9.1659	10.195	1.0291
426	3	LDR Biased	9.1627	10.152	0.9898
427	3	LDR Biased	9.8479	10.85	1.0019
428	3	LDR Biased	9.3548	10.434	1.0787
429	3	LDR Unbiased	8.5243	9.529	1.0047
430	3	LDR Unbiased	9.3118	10.406	1.094
431	3	LDR Unbiased	9.399	10.373	0.9737
432	3	LDR Unbiased	9.0642	10.138	1.074
433	3	LDR Unbiased	9.3958	10.481	1.0851
1259	10	LDR Biased	9.1659	9.0386	-0.1273
1426	10	LDR Biased	9.1627	9.1714	0.0087
1427	10	LDR Biased	9.8479	9.7645	-0.0834
1428	10	LDR Biased	9.3548	9.3923	0.0375
1429	10	LDR Unbiased	8.5243	8.4736	-0.0507
1430	10	LDR Unbiased	9.3118	9.3447	0.0329
1431	10	LDR Unbiased	9.399	9.0959	-0.3031
1432	10	LDR Unbiased	9.0642	9.005	-0.0592
1433	10	LDR Unbiased	9.3958	9.3241	-0.0717
2434	30	LDR Biased	8.7495	9.4095	0.66
2435	30	LDR Biased	9.7852	10.53	0.7453
2436	30	LDR Biased	8.9301	9.5329	0.6028
2437	30	LDR Biased	9.5049	10.26	0.7553
2438	30	LDR Biased	9.4317	9.962	0.5303
2439	30	LDR Unbiased	8.8183	9.5797	0.7614
2440	30	LDR Unbiased	9.1264	9.8468	0.7204
2441	30	LDR Unbiased	9.0075	9.6674	0.6599
2443	30	LDR Unbiased	9.2927	9.9559	0.6632
2444	30	LDR Unbiased	9.0937	9.7269	0.6332
3434	50	LDR Biased	8.7495	9.2885	0.539
3435	50	LDR Biased	9.7852	10.257	0.4722
3436	50	LDR Biased	8.9301	9.5667	0.6366
3437	50	LDR Biased	9.5049	10.235	0.7296
3438	50	LDR Biased	9.4317	10.263	0.831
3439	50	LDR Unbiased	8.8183	9.3917	0.5734
3440	50	LDR Unbiased	9.1264	9.9446	0.8182
3441	50	LDR Unbiased	9.0075	9.896	0.8885
3443	50	LDR Unbiased	9.2927	9.5808	0.2881
3444	50	LDR Unbiased	9.0937	9.4893	0.3956
4434	100	LDR Biased	8.7495	9.4788	0.7293
4435	100	LDR Biased	9.7852	10.559	0.7735
4436	100	LDR Biased	8.9301	9.7353	0.8052
4437	100	LDR Biased	9.5049	10.579	1.0739
4438	100	LDR Biased	9.4317	10.169	0.7374
4439	100	LDR Unbiased	8.8183	9.5338	0.7155
4440	100	LDR Unbiased	9.1264	9.6537	0.5273
4441	100	LDR Unbiased	9.0075	9.6668	0.6593
4443	100	LDR Unbiased	9.2927	9.8591	0.5664
4444	100	LDR Unbiased	9.0937	9.7097	0.616
4500	150	LDR Biased	9.3403	10.266	0.9257
4501	150	LDR Biased	8.8624	9.9	1.0376
4502	150	LDR Biased	9.1912	10.299	1.1081
4503	150	LDR Biased	9.539	10.617	1.0776
4504	150	LDR Biased	9.7459	10.602	0.8563
4505	150	LDR Unbiased	8.942	10.037	1.0955
4506	150	LDR Unbiased	9.2648	10.219	0.954
4507	150	LDR Unbiased	9.6977	10.205	0.5072
4508	150	LDR Unbiased	8.6891	9.24	0.5509
4509	150	LDR Unbiased	8.9597	9.7398	0.7801

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	9.0075	9.1501	9.2927	0.20167	9.9782	10.075	10.171	0.13661	0.8787	0.9247	0.9707	0.065054
3	8.5243	9.2474	9.8479	0.35205	9.529	10.284	10.85	0.35715	0.9737	1.0368	1.094	0.046425
10	8.5243	9.2474	9.8479	0.35205	8.4736	9.1789	9.7645	0.35202	-0.3031	-0.068478	0.0375	0.10405
30	8.7495	9.174	9.7852	0.32765	9.4095	9.8472	10.53	0.34499	0.5303	0.67318	0.7614	0.074067
50	8.7495	9.174	9.7852	0.32765	9.2885	9.7912	10.263	0.37547	0.2881	0.61722	0.8885	0.19978
100	8.7495	9.174	9.7852	0.32765	9.4788	9.8944	10.579	0.40254	0.5273	0.72038	1.0739	0.15312
150	8.6891	9.2232	9.7459	0.36186	9.24	10.113	10.617	0.41139	0.5072	0.8893	1.1081	0.21779

Device Test: 95.21 DHL Dead Time Mid 500kHz VIN_10V

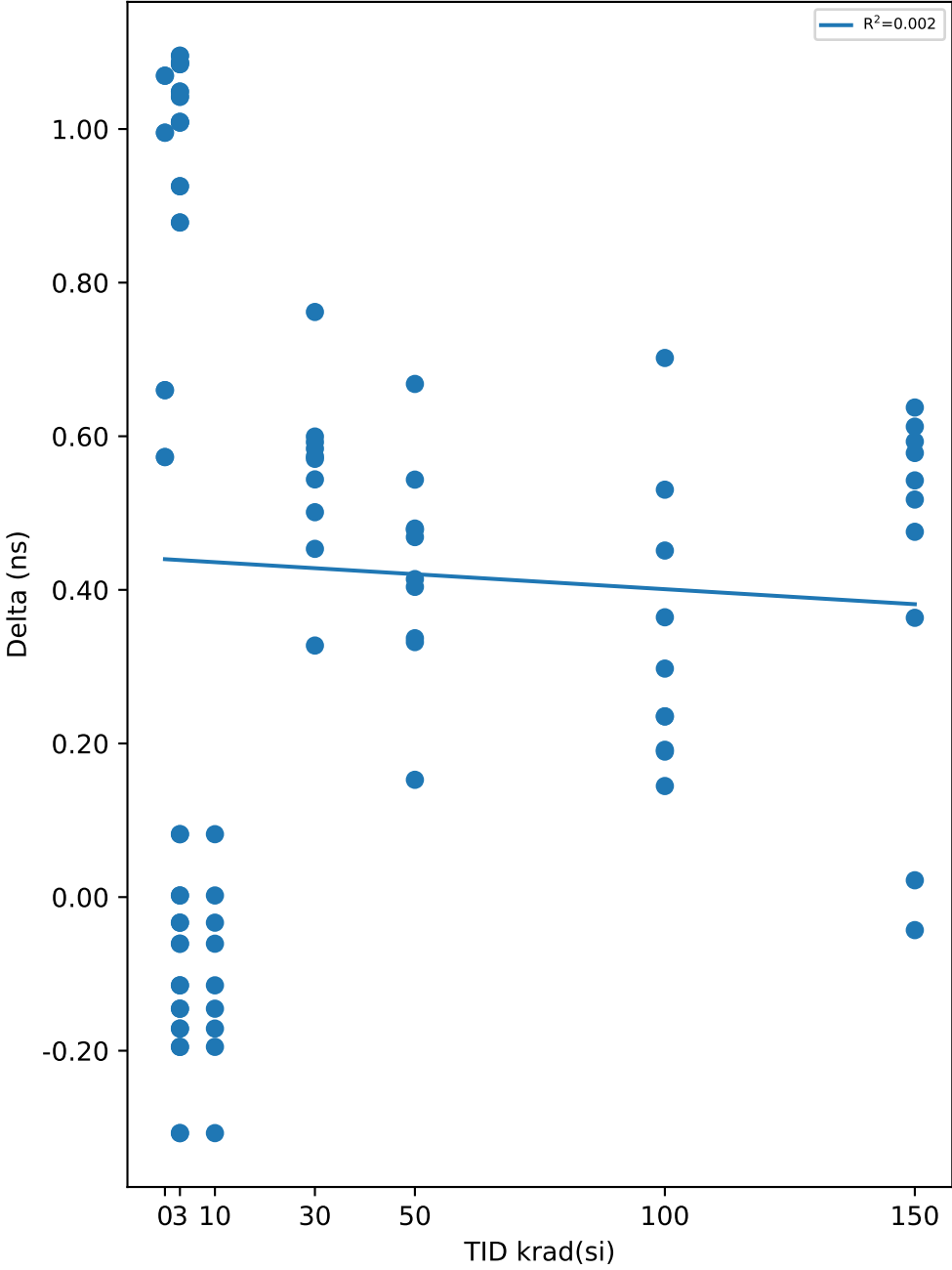
TID vs Result Stats



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.133	19.705	0.5729
2	0	CORRELATION	19.266	20.261	0.9952
259	3	LDR Biased	19.475	20.517	1.042
426	3	LDR Biased	19.381	20.467	1.0868
427	3	LDR Biased	19.595	20.52	0.9255
428	3	LDR Biased	19.58	20.675	1.0954
429	3	LDR Unbiased	18.755	19.839	1.0844
430	3	LDR Unbiased	19.419	20.468	1.0487
431	3	LDR Unbiased	19.193	20.071	0.8783
432	3	LDR Unbiased	19.326	20.335	1.0093
433	3	LDR Unbiased	19.455	20.463	1.0084
1259	10	LDR Biased	19.475	19.28	-0.195
1426	10	LDR Biased	19.381	19.462	0.0819
1427	10	LDR Biased	19.595	19.423	-0.1712
1428	10	LDR Biased	19.58	19.519	-0.0607
1429	10	LDR Unbiased	18.755	18.757	0.0021
1430	10	LDR Unbiased	19.419	19.386	-0.0333
1431	10	LDR Unbiased	19.193	18.886	-0.3073
1432	10	LDR Unbiased	19.326	19.18	-0.1453
1433	10	LDR Unbiased	19.455	19.34	-0.1149
2434	30	LDR Biased	18.922	19.506	0.5839
2435	30	LDR Biased	19.453	20.215	0.7618
2436	30	LDR Biased	19.08	19.534	0.4534
2437	30	LDR Biased	19.667	20.211	0.5438
2438	30	LDR Biased	19.584	20.085	0.5011
2439	30	LDR Unbiased	18.921	19.491	0.5706
2440	30	LDR Unbiased	19.202	19.776	0.5739
2441	30	LDR Unbiased	19.133	19.725	0.5924
2443	30	LDR Unbiased	19.266	19.866	0.5996
2444	30	LDR Unbiased	19.406	19.733	0.3275
3434	50	LDR Biased	18.922	19.259	0.337
3435	50	LDR Biased	19.453	19.922	0.4687
3436	50	LDR Biased	19.08	19.494	0.414
3437	50	LDR Biased	19.667	20.145	0.4782
3438	50	LDR Biased	19.584	20.128	0.5435
3439	50	LDR Unbiased	18.921	19.324	0.4039
3440	50	LDR Unbiased	19.202	19.682	0.4798
3441	50	LDR Unbiased	19.133	19.801	0.6681
3443	50	LDR Unbiased	19.266	19.598	0.332
3444	50	LDR Unbiased	19.406	19.558	0.1527
4434	100	LDR Biased	18.922	19.286	0.3643
4435	100	LDR Biased	19.453	19.984	0.5304
4436	100	LDR Biased	19.08	19.532	0.4512
4437	100	LDR Biased	19.667	20.369	0.7019
4438	100	LDR Biased	19.584	19.819	0.2352
4439	100	LDR Unbiased	18.921	19.11	0.1894
4440	100	LDR Unbiased	19.202	19.346	0.1446
4441	100	LDR Unbiased	19.133	19.324	0.1918
4443	100	LDR Unbiased	19.266	19.564	0.2975
4444	100	LDR Unbiased	19.406	19.641	0.2353
4500	150	LDR Biased	19.622	20.098	0.4756
4501	150	LDR Biased	19.176	19.694	0.5176
4502	150	LDR Biased	19.266	19.859	0.5931
4503	150	LDR Biased	19.877	20.49	0.6125
4504	150	LDR Biased	19.735	20.277	0.5425
4505	150	LDR Unbiased	19.18	19.817	0.6374
4506	150	LDR Unbiased	19.415	19.993	0.5782
4507	150	LDR Unbiased	19.742	19.699	-0.043
4508	150	LDR Unbiased	18.81	18.832	0.0219
4509	150	LDR Unbiased	19.14	19.504	0.3636

TID vs Post - Pre Exposure Delta

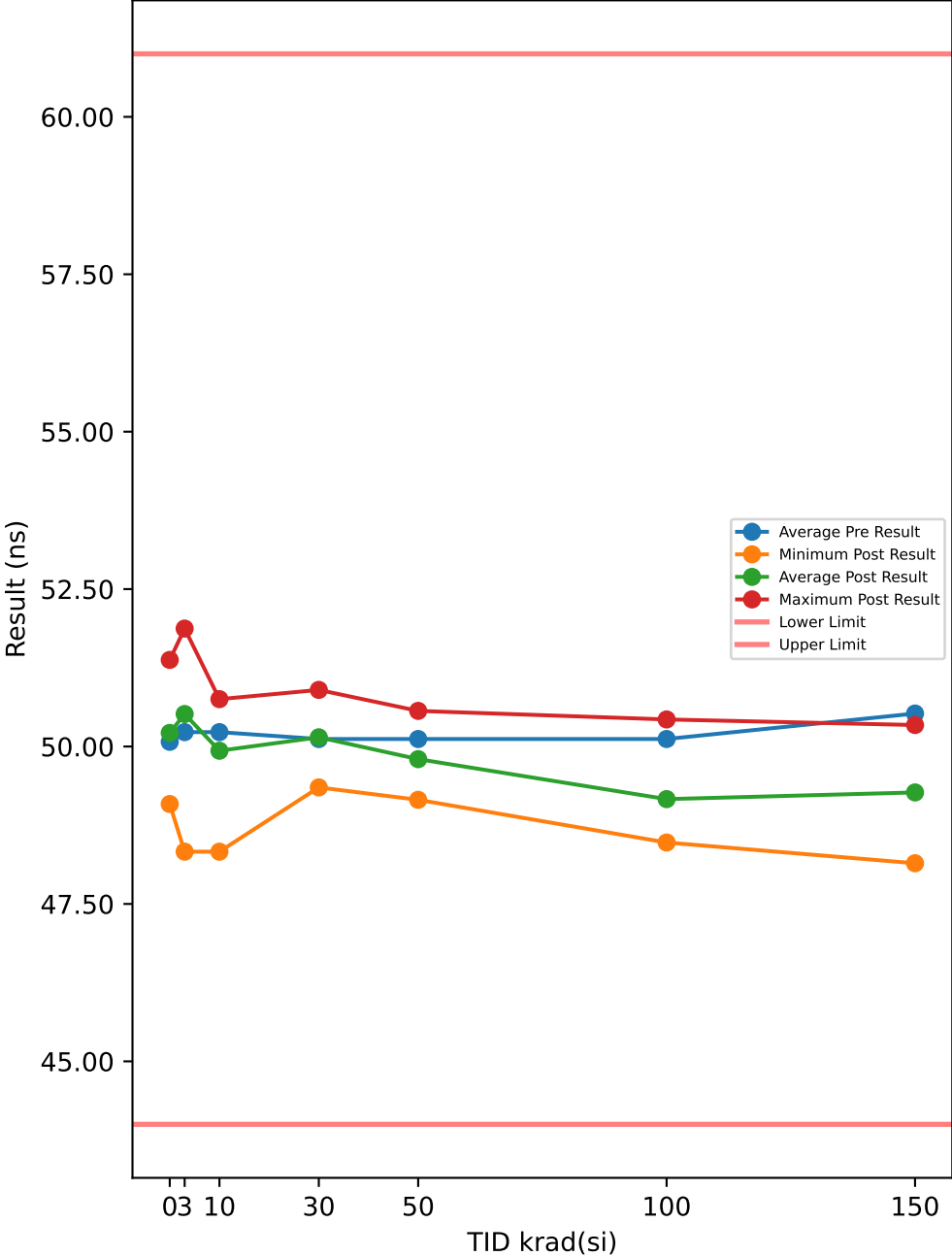


Test Statistics (ns)

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	19.133	19.199	19.266	0.09454	19.705	19.983	20.261	0.39315	0.5729	0.78405	0.9952	0.29861
3	18.755	19.353	19.595	0.25604	19.839	20.373	20.675	0.25916	0.8783	1.0199	1.0954	0.074884
10	18.755	19.353	19.595	0.25604	18.757	19.248	19.519	0.26359	-0.3073	-0.10486	0.0819	0.11653
30	18.921	19.263	19.667	0.26046	19.491	19.814	20.215	0.27651	0.3275	0.5508	0.7618	0.11181
50	18.921	19.263	19.667	0.26046	19.259	19.691	20.145	0.30699	0.1527	0.42779	0.6681	0.13821
100	18.921	19.263	19.667	0.26046	19.11	19.598	20.369	0.3761	0.1446	0.33416	0.7019	0.17839
150	18.81	19.396	19.877	0.33974	18.832	19.826	20.49	0.45631	-0.043	0.42994	0.6374	0.2454

Device Test: 95.22 DHL Dead Time Large 500kHz VIN_10V

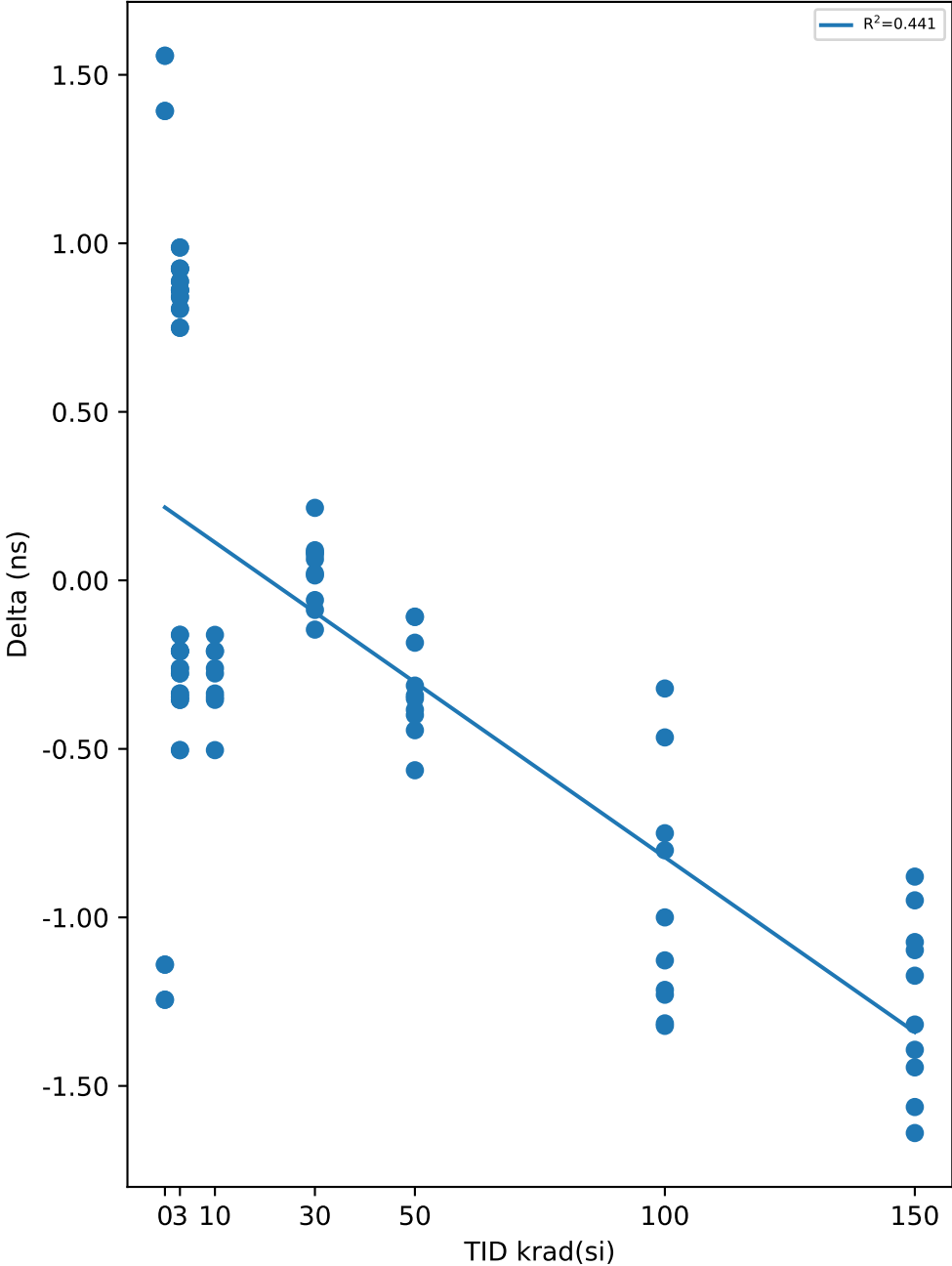
TID vs Result Stats



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	50.331	49.087	-1.2443
2	0	CORRELATION	49.819	51.212	1.3927
259	3	LDR Biased	50.986	51.873	0.8871
426	3	LDR Biased	50.961	51.822	0.861
427	3	LDR Biased	49.229	49.978	0.7495
428	3	LDR Biased	50.818	51.743	0.9251
429	3	LDR Unbiased	50.188	51.175	0.9876
430	3	LDR Unbiased	49.99	50.831	0.8407
431	3	LDR Unbiased	48.834	49.639	0.8054
432	3	LDR Unbiased	50.668	51.593	0.9241
433	3	LDR Unbiased	50.381	51.242	0.8613
1259	10	LDR Biased	50.986	50.65	-0.3357
1426	10	LDR Biased	50.961	50.752	-0.2093
1427	10	LDR Biased	49.229	48.874	-0.3545
1428	10	LDR Biased	50.818	50.557	-0.2609
1429	10	LDR Unbiased	50.188	50.026	-0.1617
1430	10	LDR Unbiased	49.99	49.779	-0.2107
1431	10	LDR Unbiased	48.834	48.33	-0.5037
1432	10	LDR Unbiased	50.668	50.392	-0.2761
1433	10	LDR Unbiased	50.381	50.035	-0.3461
2434	30	LDR Biased	50.006	50.027	0.0207
2435	30	LDR Biased	49.261	49.35	0.0894
2436	30	LDR Biased	50.051	50.134	0.0834
2437	30	LDR Biased	50.751	50.692	-0.0585
2438	30	LDR Biased	50.526	50.541	0.0147
2439	30	LDR Unbiased	49.603	49.68	0.0768
2440	30	LDR Unbiased	50.008	49.861	-0.1461
2441	30	LDR Unbiased	50.331	50.243	-0.0876
2443	30	LDR Unbiased	49.819	50.034	0.2151
2444	30	LDR Unbiased	50.836	50.899	0.0627
3434	50	LDR Biased	50.006	49.607	-0.3996
3435	50	LDR Biased	49.261	49.154	-0.1076
3436	50	LDR Biased	50.051	49.942	-0.1087
3437	50	LDR Biased	50.751	50.566	-0.185
3438	50	LDR Biased	50.526	50.142	-0.3839
3439	50	LDR Unbiased	49.603	49.291	-0.3123
3440	50	LDR Unbiased	50.008	49.657	-0.3506
3441	50	LDR Unbiased	50.331	49.886	-0.4446
3443	50	LDR Unbiased	49.819	49.477	-0.3417
3444	50	LDR Unbiased	50.836	50.273	-0.5634
4434	100	LDR Biased	50.006	49.006	-1
4435	100	LDR Biased	49.261	48.795	-0.466
4436	100	LDR Biased	50.051	49.25	-0.8008
4437	100	LDR Biased	50.751	50.43	-0.3209
4438	100	LDR Biased	50.526	49.204	-1.3218
4439	100	LDR Unbiased	49.603	48.475	-1.1275
4440	100	LDR Unbiased	50.008	48.778	-1.2294
4441	100	LDR Unbiased	50.331	49.016	-1.3145
4443	100	LDR Unbiased	49.819	49.069	-0.7503
4444	100	LDR Unbiased	50.836	49.621	-1.2152
4500	150	LDR Biased	51.291	50.341	-0.9494
4501	150	LDR Biased	50.815	49.37	-1.445
4502	150	LDR Biased	50.233	48.915	-1.3179
4503	150	LDR Biased	51.471	50.298	-1.173
4504	150	LDR Biased	50.415	49.342	-1.0732
4505	150	LDR Unbiased	50.426	49.547	-0.879
4506	150	LDR Unbiased	50.33	49.233	-1.0971
4507	150	LDR Unbiased	50.248	48.608	-1.6398
4508	150	LDR Unbiased	49.709	48.146	-1.5626
4509	150	LDR Unbiased	50.3	48.907	-1.3928

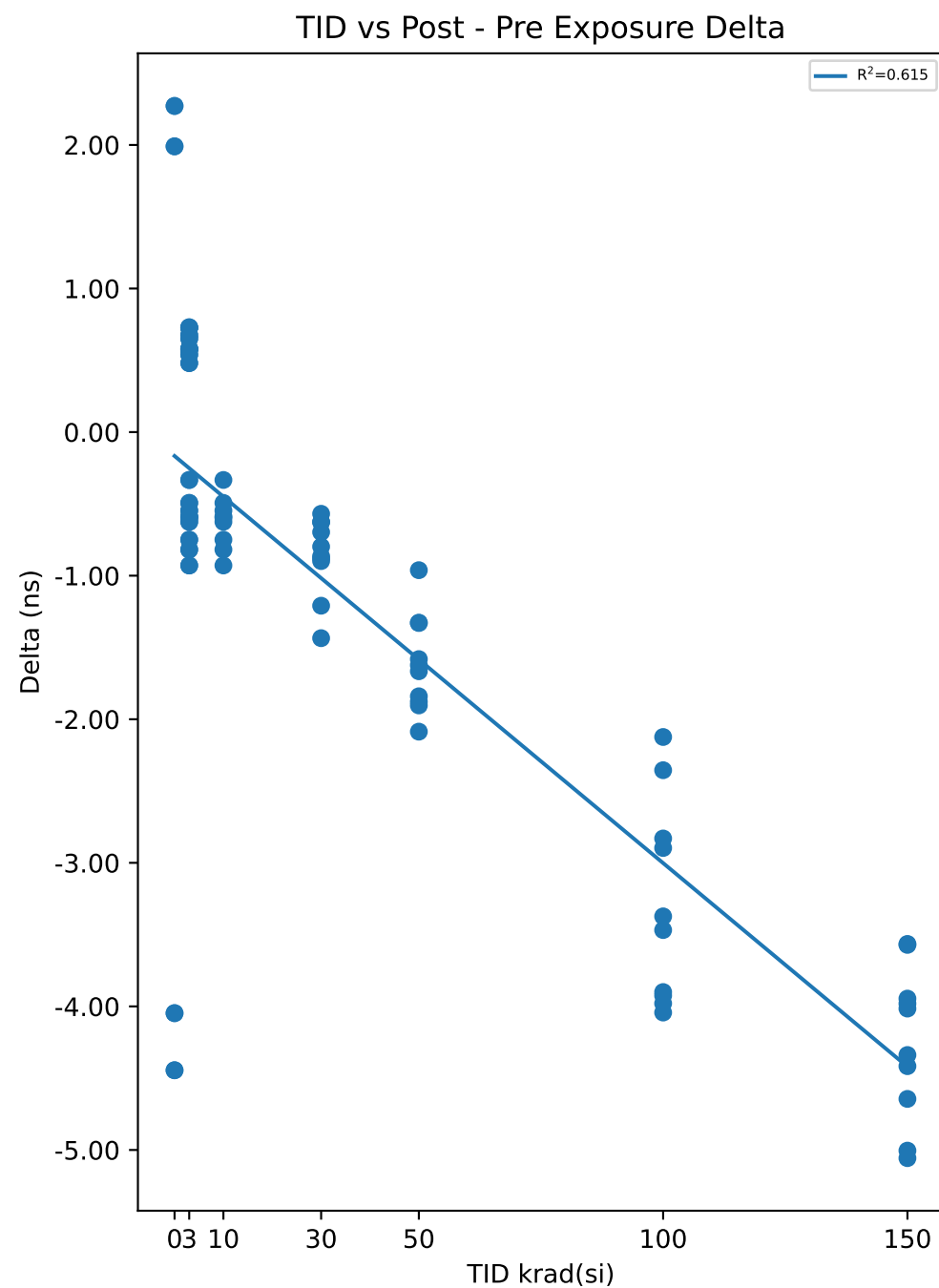
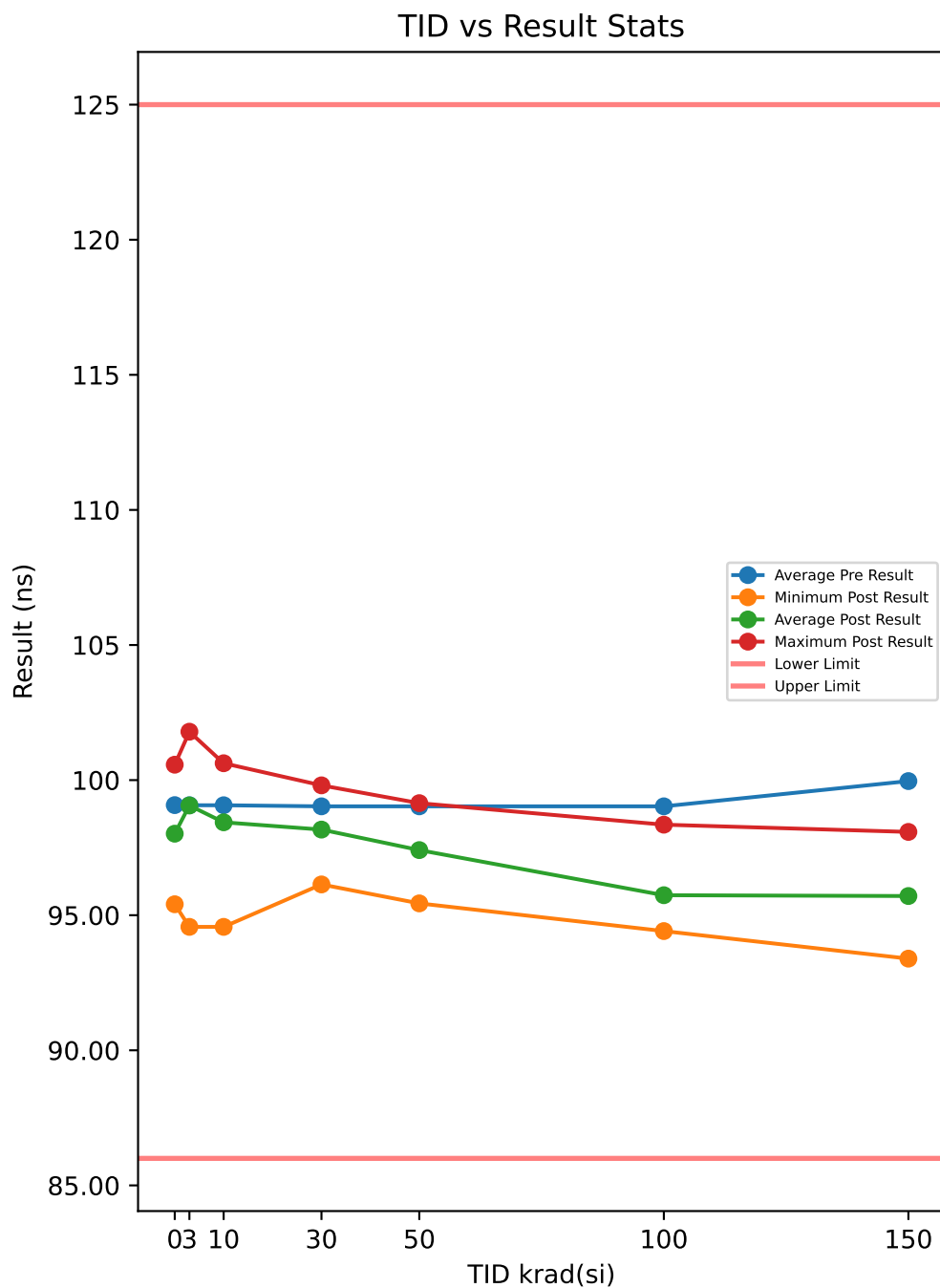
TID vs Post - Pre Exposure Delta



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	49.819	50.075	50.331	0.36204	49.087	50.149	51.212	1.5026	-1.2443	0.0742	1.3927	1.8646
3	48.834	50.228	50.986	0.76474	49.639	51.1	51.873	0.81137	0.7495	0.87131	0.9876	0.070514
10	48.834	50.228	50.986	0.76474	48.33	49.933	50.752	0.83059	-0.5037	-0.29541	-0.1617	0.10314
30	49.261	50.119	50.836	0.49962	49.35	50.146	50.899	0.4701	-0.1461	0.02706	0.2151	0.10371
50	49.261	50.119	50.836	0.49962	49.154	49.799	50.566	0.44652	-0.5634	-0.31974	-0.1076	0.14706
100	49.261	50.119	50.836	0.49962	48.475	49.165	50.43	0.54112	-1.3218	-0.95464	-0.3209	0.35675
150	49.709	50.524	51.471	0.52759	48.146	49.271	50.341	0.68782	-1.6398	-1.253	-0.879	0.25845

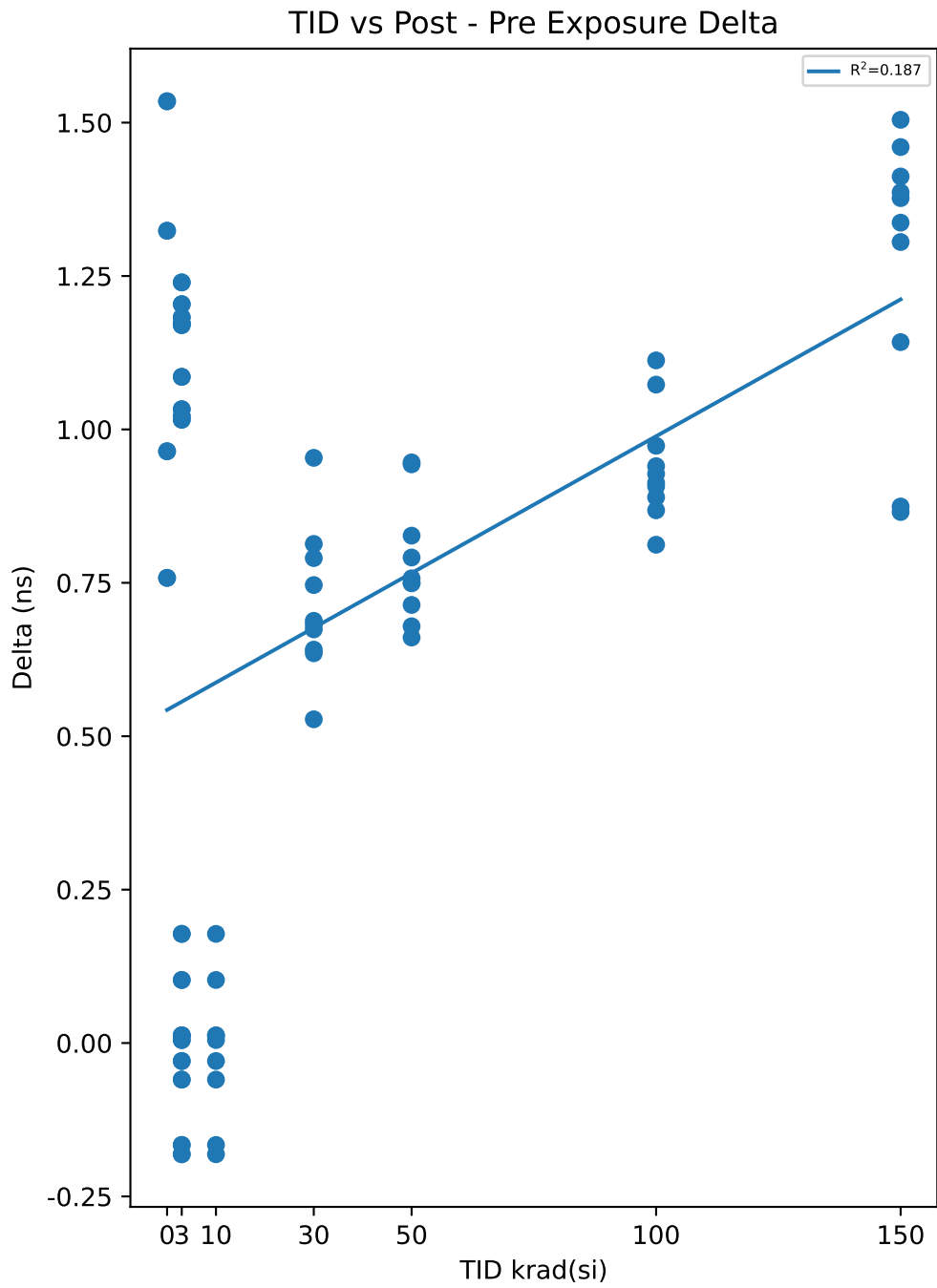
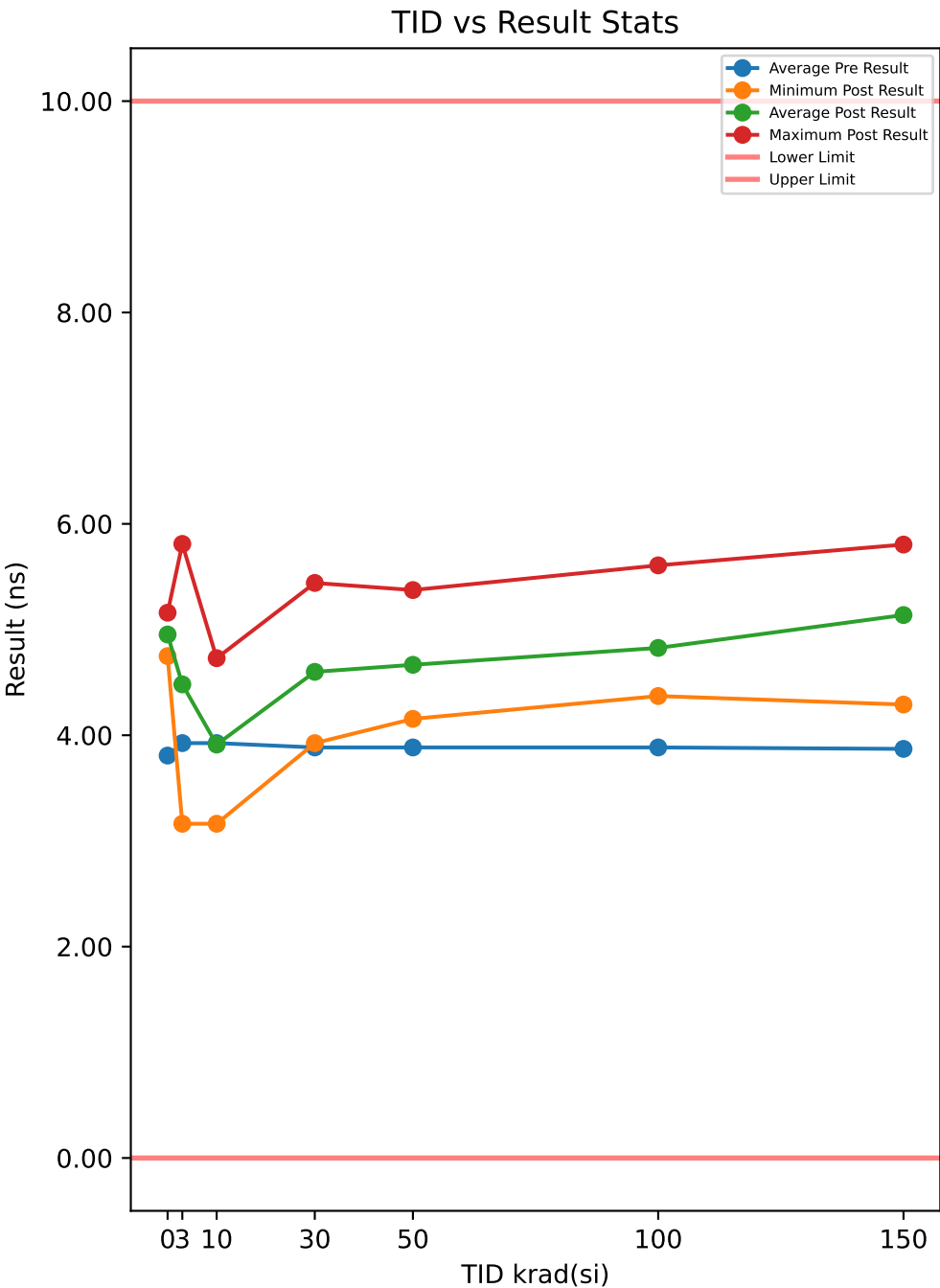
Device Test: 95.23 DHL Dead Time Max 500kHz VIN_10V



Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	99.85	95.405	-4.4448
2	0	CORRELATION	98.299	100.29	1.9904
259	3	LDR Biased	100.91	101.58	0.6757
426	3	LDR Biased	101.21	101.79	0.5797
427	3	LDR Biased	95.791	96.272	0.4805
428	3	LDR Biased	100.06	100.78	0.7257
429	3	LDR Unbiased	99.522	100.25	0.7299
430	3	LDR Unbiased	97.978	98.557	0.5797
431	3	LDR Unbiased	95.497	96.036	0.5393
432	3	LDR Unbiased	100.78	101.43	0.6513
433	3	LDR Unbiased	99.882	100.46	0.5737
1259	10	LDR Biased	100.91	100.28	-0.625
1426	10	LDR Biased	101.21	100.62	-0.5875
1427	10	LDR Biased	95.791	95.042	-0.7492
1428	10	LDR Biased	100.06	99.566	-0.4932
1429	10	LDR Unbiased	99.522	98.926	-0.5968
1430	10	LDR Unbiased	97.978	97.644	-0.3334
1431	10	LDR Unbiased	95.497	94.568	-0.929
1432	10	LDR Unbiased	100.78	100.23	-0.5466
1433	10	LDR Unbiased	99.882	99.064	-0.8184
2434	30	LDR Biased	98.814	97.95	-0.8645
2435	30	LDR Biased	96.767	96.139	-0.6282
2436	30	LDR Biased	99.103	98.534	-0.569
2437	30	LDR Biased	100.47	99.677	-0.7979
2438	30	LDR Biased	99.415	98.536	-0.8794
2439	30	LDR Unbiased	97.887	97.262	-0.6247
2440	30	LDR Unbiased	98.979	97.543	-1.4353
2441	30	LDR Unbiased	99.85	98.641	-1.2093
2443	30	LDR Unbiased	98.299	97.602	-0.6968
2444	30	LDR Unbiased	100.7	99.806	-0.8983
3434	50	LDR Biased	98.814	96.974	-1.8402
3435	50	LDR Biased	96.767	95.438	-1.3295
3436	50	LDR Biased	99.103	98.141	-0.9618
3437	50	LDR Biased	100.47	99.147	-1.3276
3438	50	LDR Biased	99.415	97.834	-1.5812
3439	50	LDR Unbiased	97.887	96.264	-1.6234
3440	50	LDR Unbiased	98.979	97.101	-1.8776
3441	50	LDR Unbiased	99.85	97.946	-1.9036
3443	50	LDR Unbiased	98.299	96.633	-1.6657
3444	50	LDR Unbiased	100.7	98.618	-2.0864
4434	100	LDR Biased	98.814	95.346	-3.4683
4435	100	LDR Biased	96.767	94.412	-2.3549
4436	100	LDR Biased	99.103	96.207	-2.8967
4437	100	LDR Biased	100.47	98.351	-2.1236
4438	100	LDR Biased	99.415	95.516	-3.9
4439	100	LDR Unbiased	97.887	94.514	-3.373
4440	100	LDR Unbiased	98.979	94.999	-3.9795
4441	100	LDR Unbiased	99.85	95.807	-4.0428
4443	100	LDR Unbiased	98.299	95.468	-2.8305
4444	100	LDR Unbiased	100.7	96.78	-3.9246
4500	150	LDR Biased	101.65	98.083	-3.5715
4501	150	LDR Biased	101.2	96.145	-5.0569
4502	150	LDR Biased	99.689	95.351	-4.3386
4503	150	LDR Biased	101.88	97.237	-4.6444
4504	150	LDR Biased	99.156	95.176	-3.9807
4505	150	LDR Unbiased	100.16	96.591	-3.565
4506	150	LDR Unbiased	99.167	95.151	-4.0152
4507	150	LDR Unbiased	98.397	93.393	-5.0046
4508	150	LDR Unbiased	98.86	94.444	-4.4163
4509	150	LDR Unbiased	99.474	95.528	-3.9458

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	98.299	99.074	99.85	1.0969	95.405	97.847	100.29	3.4535	-4.4448	-1.2272	1.9904	4.5504
3	95.497	99.069	101.21	2.1628	96.036	99.684	101.79	2.2202	0.4805	0.61506	0.7299	0.085497
10	95.497	99.069	101.21	2.1628	94.568	98.438	100.62	2.248	-0.929	-0.63101	-0.3334	0.17877
30	96.767	99.029	100.7	1.1891	96.139	98.169	99.806	1.1129	-1.4353	-0.86034	-0.569	0.27469
50	96.767	99.029	100.7	1.1891	95.438	97.41	99.147	1.1339	-2.0864	-1.6197	-0.9618	0.33657
100	96.767	99.029	100.7	1.1891	94.412	95.74	98.351	1.1649	-4.0428	-3.2894	-2.1236	0.70367
150	98.397	99.964	101.88	1.2192	93.393	95.71	98.083	1.3606	-5.0569	-4.2539	-3.565	0.53346

Device Test: 95.24 DHL Dead Time Min 1MHz VIN_10V



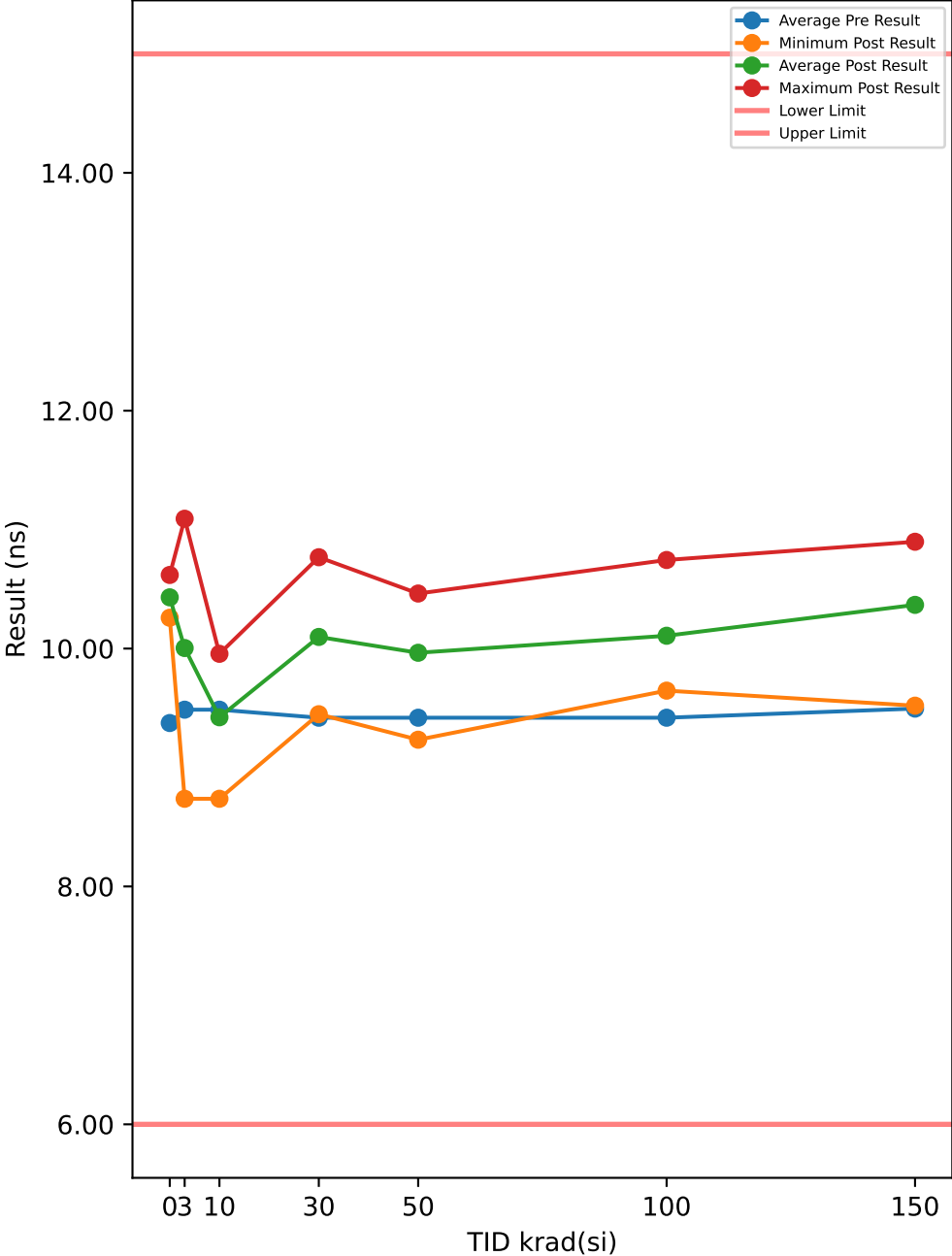
Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.6246	4.9484	1.3238
2	0	CORRELATION	3.9908	4.7489	0.7581
259	3	LDR Biased	3.7118	4.7276	1.0158
426	3	LDR Biased	3.6129	4.7829	1.17
427	3	LDR Biased	4.7886	5.8102	1.0216
428	3	LDR Biased	3.9528	5.1924	1.2396
429	3	LDR Unbiased	3.0596	4.2328	1.1732
430	3	LDR Unbiased	4.0594	5.2635	1.2041
431	3	LDR Unbiased	4.2631	5.3488	1.0857
432	3	LDR Unbiased	3.7147	4.8974	1.1827
433	3	LDR Unbiased	4.1674	5.2003	1.0329
1259	10	LDR Biased	3.7118	3.5457	-0.1661
1426	10	LDR Biased	3.6129	3.7908	0.1779
1427	10	LDR Biased	4.7886	4.729	-0.0596
1428	10	LDR Biased	3.9528	3.9651	0.0123
1429	10	LDR Unbiased	3.0596	3.1624	0.1028
1430	10	LDR Unbiased	4.0594	4.0719	0.0125
1431	10	LDR Unbiased	4.2631	4.0819	-0.1812
1432	10	LDR Unbiased	3.7147	3.7196	0.0049
1433	10	LDR Unbiased	4.1674	4.1381	-0.0293
2434	30	LDR Biased	3.3975	3.9251	0.5276
2435	30	LDR Biased	4.6945	5.4409	0.7464
2436	30	LDR Biased	3.5379	4.2197	0.6818
2437	30	LDR Biased	4.1649	5.1186	0.9537
2438	30	LDR Biased	4.2147	4.8558	0.6411
2439	30	LDR Unbiased	3.6382	4.3123	0.6741
2440	30	LDR Unbiased	3.882	4.6723	0.7903
2441	30	LDR Unbiased	3.6246	4.438	0.8134
2443	30	LDR Unbiased	3.9908	4.626	0.6352
2444	30	LDR Unbiased	3.7005	4.3886	0.6881
3434	50	LDR Biased	3.3975	4.1548	0.7573
3435	50	LDR Biased	4.6945	5.3737	0.6792
3436	50	LDR Biased	3.5379	4.481	0.9431
3437	50	LDR Biased	4.1649	4.9141	0.7492
3438	50	LDR Biased	4.2147	5.006	0.7913
3439	50	LDR Unbiased	3.6382	4.3882	0.75
3440	50	LDR Unbiased	3.882	4.7089	0.8269
3441	50	LDR Unbiased	3.6246	4.5709	0.9463
3443	50	LDR Unbiased	3.9908	4.7048	0.714
3444	50	LDR Unbiased	3.7005	4.3614	0.6609
4434	100	LDR Biased	3.3975	4.3708	0.9733
4435	100	LDR Biased	4.6945	5.6074	0.9129
4436	100	LDR Biased	3.5379	4.6109	1.073
4437	100	LDR Biased	4.1649	5.2774	1.1125
4438	100	LDR Biased	4.2147	5.122	0.9073
4439	100	LDR Unbiased	3.6382	4.5658	0.9276
4440	100	LDR Unbiased	3.882	4.6941	0.8121
4441	100	LDR Unbiased	3.6246	4.5141	0.8895
4443	100	LDR Unbiased	3.9908	4.9309	0.9401
4444	100	LDR Unbiased	3.7005	4.5687	0.8682
4500	150	LDR Biased	3.8215	4.9638	1.1423
4501	150	LDR Biased	3.4427	4.9473	1.5046
4502	150	LDR Biased	3.9198	5.2568	1.337
4503	150	LDR Biased	4.2094	5.6696	1.4602
4504	150	LDR Biased	4.4271	5.8041	1.377
4505	150	LDR Unbiased	3.5971	4.9835	1.3864
4506	150	LDR Unbiased	3.9388	5.351	1.4122
4507	150	LDR Unbiased	4.3837	5.2491	0.8654
4508	150	LDR Unbiased	3.4161	4.2905	0.8744
4509	150	LDR Unbiased	3.5522	4.8576	1.3054

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	3.6246	3.8077	3.9908	0.25894	4.7489	4.8487	4.9484	0.14107	0.7581	1.041	1.3238	0.40001
3	3.0596	3.9256	4.7886	0.48396	4.2328	5.0507	5.8102	0.45028	1.0158	1.1251	1.2396	0.086393
10	3.0596	3.9256	4.7886	0.48396	3.1624	3.9116	4.729	0.43641	-0.1812	-0.013978	0.1779	0.1149
30	3.3975	3.8846	4.6945	0.39079	3.9251	4.5997	5.4409	0.44736	0.5276	0.71517	0.9537	0.11727
50	3.3975	3.8846	4.6945	0.39079	4.1548	4.6664	5.3737	0.35837	0.6609	0.78182	0.9463	0.098667
100	3.3975	3.8846	4.6945	0.39079	4.3708	4.8262	5.6074	0.39652	0.8121	0.94165	1.1125	0.091012
150	3.4161	3.8708	4.4271	0.37462	4.2905	5.1373	5.8041	0.43277	0.8654	1.2665	1.5046	0.23059

Device Test: 95.25 DHL Dead Time Small 1MHz VIN_10V

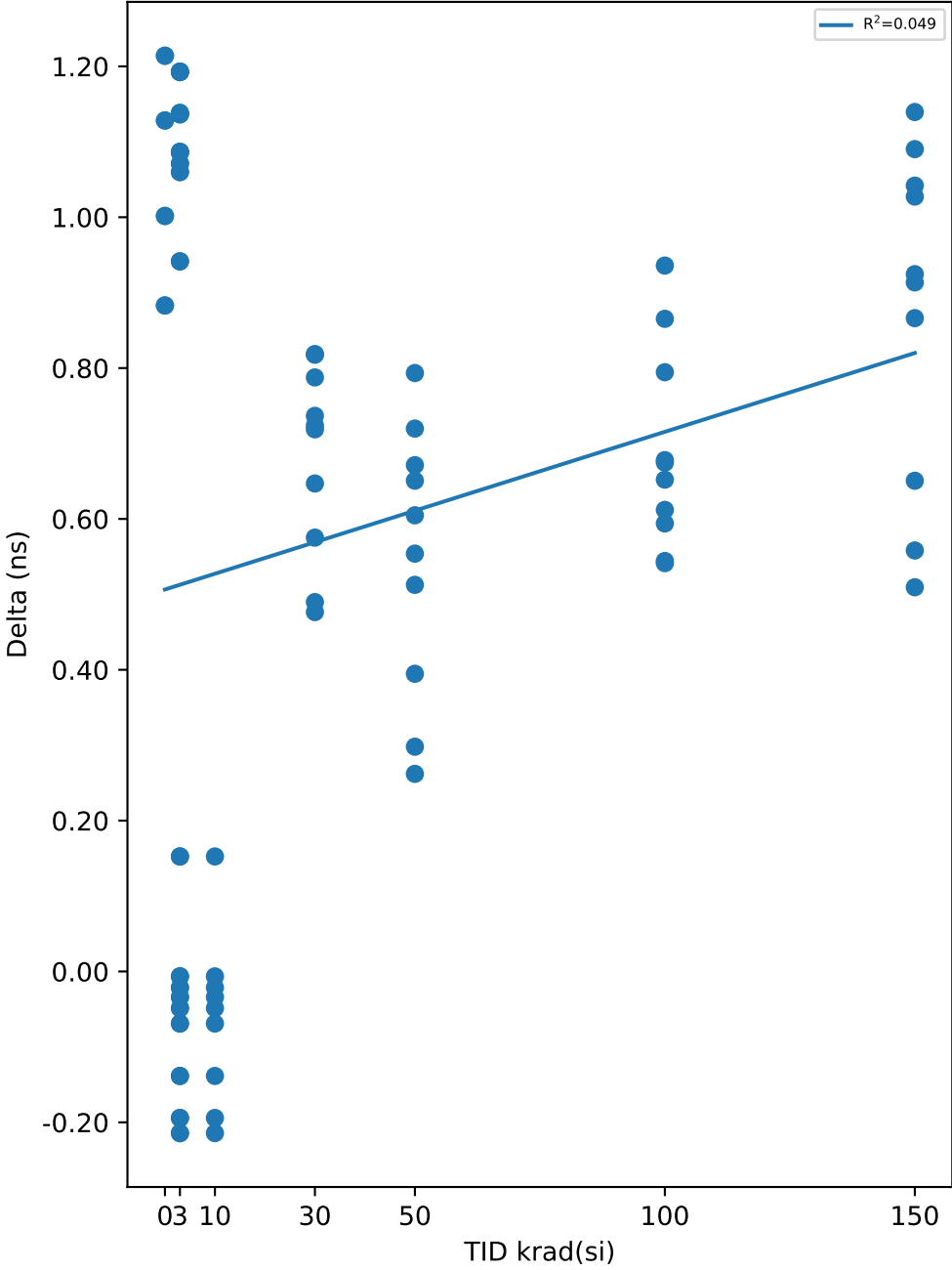
TID vs Result Stats



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.2574	10.259	1.0017
2	0	CORRELATION	9.4906	10.374	0.883
259	3	LDR Biased	9.3961	10.533	1.1364
426	3	LDR Biased	9.2916	10.484	1.1924
427	3	LDR Biased	10.15	11.092	0.9415
428	3	LDR Biased	9.6419	10.728	1.0859
429	3	LDR Unbiased	8.7711	9.8423	1.0712
430	3	LDR Unbiased	9.593	10.786	1.1931
431	3	LDR Unbiased	9.5328	10.62	1.0867
432	3	LDR Unbiased	9.3446	10.483	1.1383
433	3	LDR Unbiased	9.6544	10.714	1.0599
1259	10	LDR Biased	9.3961	9.2576	-0.1385
1426	10	LDR Biased	9.2916	9.4441	0.1525
1427	10	LDR Biased	10.15	9.9559	-0.1942
1428	10	LDR Biased	9.6419	9.5729	-0.069
1429	10	LDR Unbiased	8.7711	8.7371	-0.034
1430	10	LDR Unbiased	9.593	9.5716	-0.0214
1431	10	LDR Unbiased	9.5328	9.3185	-0.2143
1432	10	LDR Unbiased	9.3446	9.3381	-0.0065
1433	10	LDR Unbiased	9.6544	9.6058	-0.0486
2434	30	LDR Biased	8.9716	9.4481	0.4765
2435	30	LDR Biased	9.9502	10.768	0.8177
2436	30	LDR Biased	9.1283	9.8523	0.724
2437	30	LDR Biased	9.7784	10.268	0.4897
2438	30	LDR Biased	9.7537	10.329	0.5752
2439	30	LDR Unbiased	9.1092	9.7562	0.647
2440	30	LDR Unbiased	9.3518	10.071	0.7188
2441	30	LDR Unbiased	9.2574	9.9941	0.7367
2443	30	LDR Unbiased	9.4906	10.309	0.8186
2444	30	LDR Unbiased	9.3943	10.182	0.7876
3434	50	LDR Biased	8.9716	9.2336	0.262
3435	50	LDR Biased	9.9502	10.463	0.5126
3436	50	LDR Biased	9.1283	9.9217	0.7934
3437	50	LDR Biased	9.7784	10.429	0.6507
3438	50	LDR Biased	9.7537	10.358	0.6048
3439	50	LDR Unbiased	9.1092	9.6632	0.554
3440	50	LDR Unbiased	9.3518	10.072	0.7198
3441	50	LDR Unbiased	9.2574	9.9287	0.6713
3443	50	LDR Unbiased	9.4906	9.8853	0.3947
3444	50	LDR Unbiased	9.3943	9.6923	0.298
4434	100	LDR Biased	8.9716	9.6463	0.6747
4435	100	LDR Biased	9.9502	10.745	0.7945
4436	100	LDR Biased	9.1283	9.9936	0.8653
4437	100	LDR Biased	9.7784	10.714	0.9359
4438	100	LDR Biased	9.7537	10.432	0.678
4439	100	LDR Unbiased	9.1092	9.7613	0.6521
4440	100	LDR Unbiased	9.3518	9.8932	0.5414
4441	100	LDR Unbiased	9.2574	9.8694	0.612
4443	100	LDR Unbiased	9.4906	10.085	0.594
4444	100	LDR Unbiased	9.3943	9.9385	0.5442
4500	150	LDR Biased	9.5332	10.184	0.6506
4501	150	LDR Biased	9.1842	10.226	1.0419
4502	150	LDR Biased	9.5292	10.443	0.9136
4503	150	LDR Biased	9.8707	10.898	1.0274
4504	150	LDR Biased	9.9543	10.879	0.9245
4505	150	LDR Unbiased	9.2593	10.399	1.1395
4506	150	LDR Unbiased	9.494	10.584	1.0903
4507	150	LDR Unbiased	9.9654	10.524	0.5582
4508	150	LDR Unbiased	9.0105	9.5199	0.5094
4509	150	LDR Unbiased	9.1517	10.018	0.8662

TID vs Post - Pre Exposure Delta

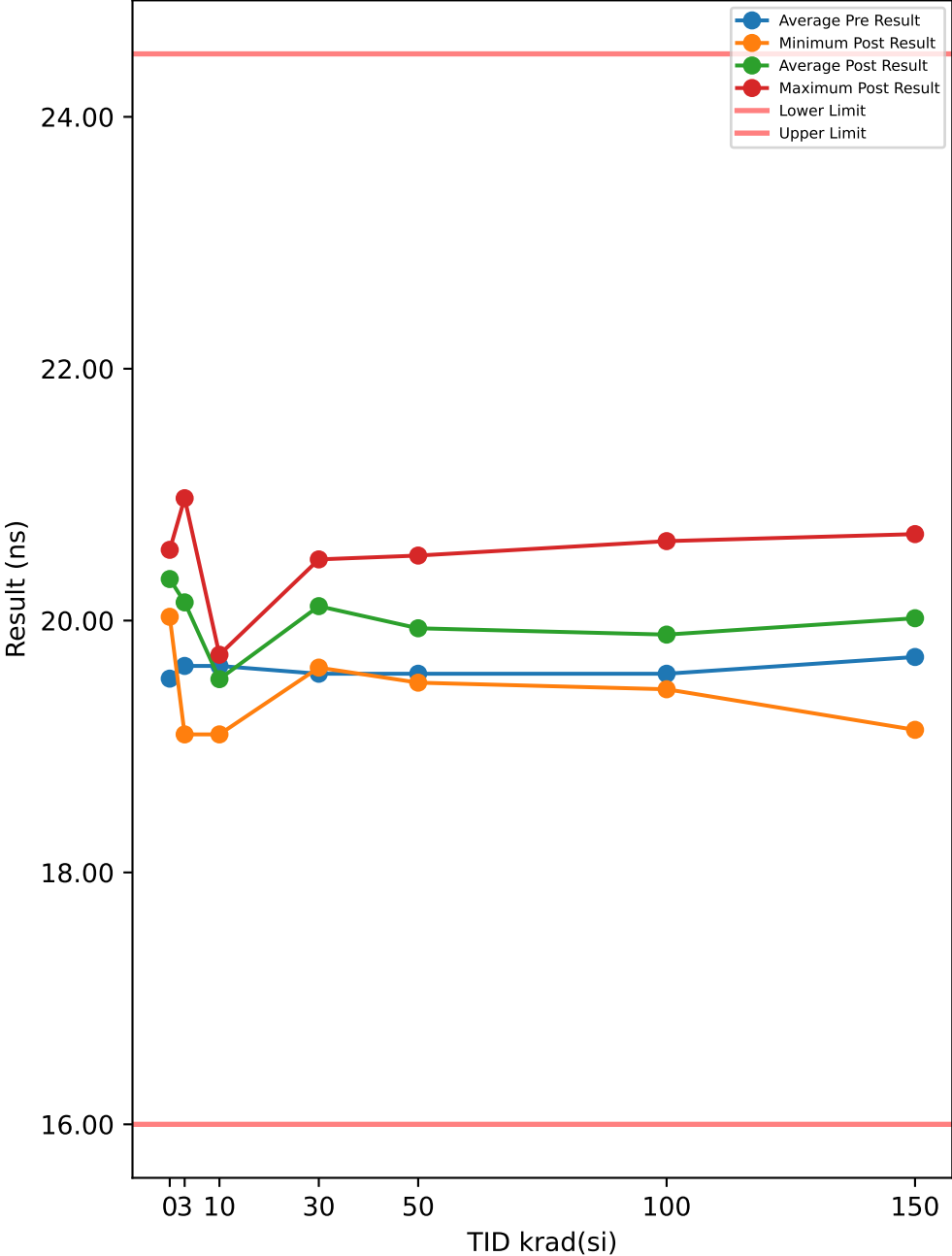


Test Statistics (ns)

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	9.2574	9.374	9.4906	0.1649	10.259	10.316	10.374	0.080964	0.883	0.94235	1.0017	0.083934
3	8.7711	9.4862	10.15	0.36815	9.8423	10.587	11.092	0.33733	0.9415	1.1006	1.1931	0.077403
10	8.7711	9.4862	10.15	0.36815	8.7371	9.4224	9.9559	0.33135	-0.2143	-0.063778	0.1525	0.11082
30	8.9716	9.4185	9.9502	0.32324	9.4481	10.098	10.768	0.3642	0.4765	0.67918	0.8186	0.12741
50	8.9716	9.4185	9.9502	0.32324	9.2336	9.9647	10.463	0.38577	0.262	0.54613	0.7934	0.17881
100	8.9716	9.4185	9.9502	0.32324	9.6463	10.108	10.745	0.38824	0.5414	0.68921	0.9359	0.1344
150	9.0105	9.4953	9.9654	0.34653	9.5199	10.367	10.898	0.41033	0.5094	0.87216	1.1395	0.22502

Device Test: 95.26 DHL Dead Time Mid 1MHz VIN_10V

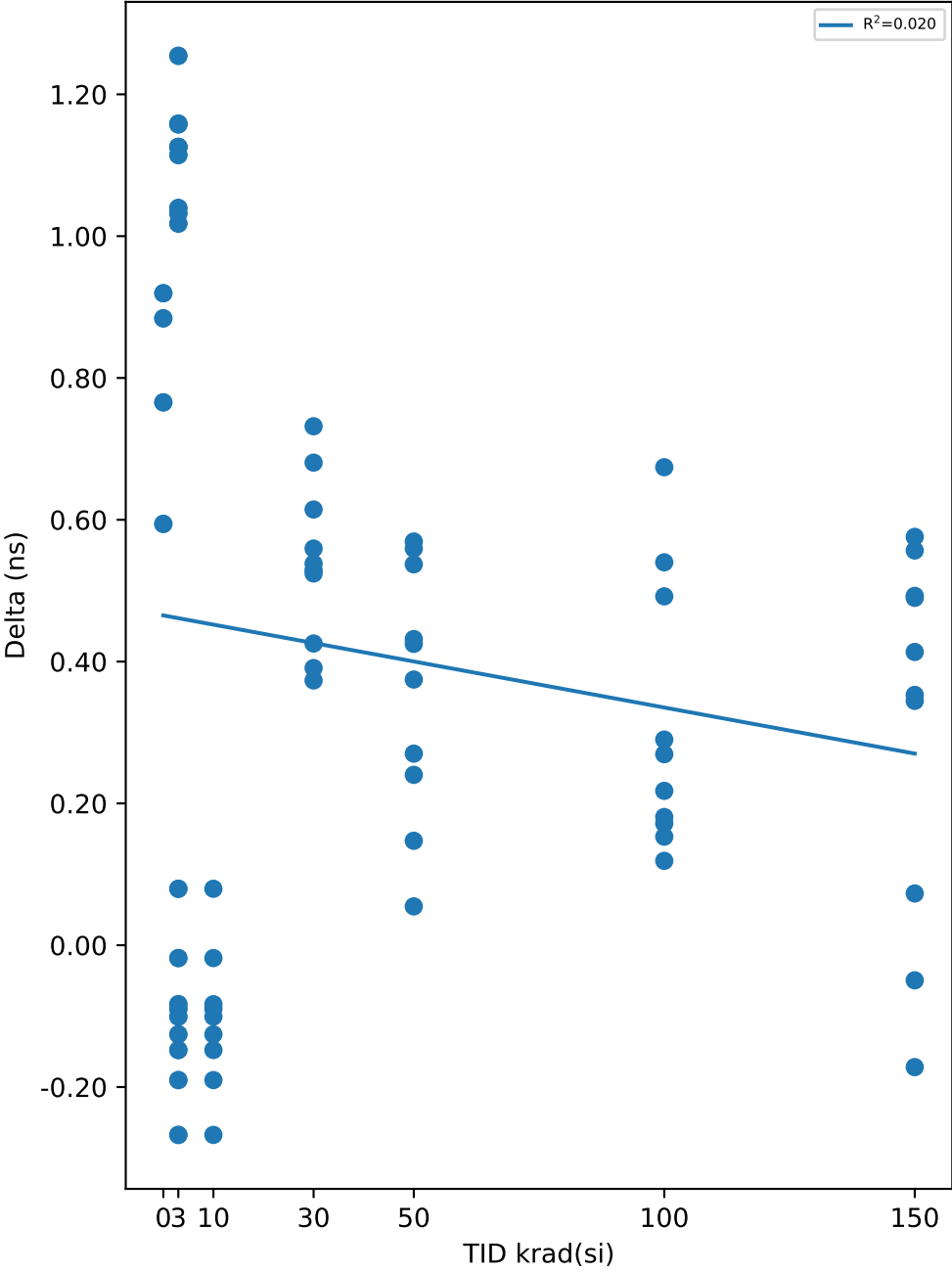
TID vs Result Stats



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.436	20.03	0.5942
2	0	CORRELATION	19.642	20.562	0.9195
259	3	LDR Biased	19.775	20.934	1.1587
426	3	LDR Biased	19.649	20.903	1.2543
427	3	LDR Biased	19.867	20.885	1.0177
428	3	LDR Biased	19.846	20.972	1.1258
429	3	LDR Unbiased	19.114	20.229	1.1144
430	3	LDR Unbiased	19.681	20.839	1.1576
431	3	LDR Unbiased	19.425	20.465	1.0397
432	3	LDR Unbiased	19.619	20.745	1.1258
433	3	LDR Unbiased	19.782	20.814	1.0321
1259	10	LDR Biased	19.775	19.627	-0.1478
1426	10	LDR Biased	19.649	19.729	0.0796
1427	10	LDR Biased	19.867	19.677	-0.1902
1428	10	LDR Biased	19.846	19.72	-0.1257
1429	10	LDR Unbiased	19.114	19.096	-0.0181
1430	10	LDR Unbiased	19.681	19.592	-0.0897
1431	10	LDR Unbiased	19.425	19.157	-0.2675
1432	10	LDR Unbiased	19.619	19.536	-0.0832
1433	10	LDR Unbiased	19.782	19.682	-0.1007
2434	30	LDR Biased	19.236	19.627	0.3909
2435	30	LDR Biased	19.721	20.402	0.6806
2436	30	LDR Biased	19.388	19.913	0.5243
2437	30	LDR Biased	19.957	20.486	0.529
2438	30	LDR Biased	19.941	20.366	0.4255
2439	30	LDR Unbiased	19.237	19.796	0.5594
2440	30	LDR Unbiased	19.496	19.87	0.3734
2441	30	LDR Unbiased	19.436	20.168	0.7319
2443	30	LDR Unbiased	19.642	20.257	0.6145
2444	30	LDR Unbiased	19.725	20.263	0.5381
3434	50	LDR Biased	19.236	19.61	0.3747
3435	50	LDR Biased	19.721	20.146	0.425
3436	50	LDR Biased	19.388	19.926	0.5372
3437	50	LDR Biased	19.957	20.516	0.5595
3438	50	LDR Biased	19.941	20.372	0.4318
3439	50	LDR Unbiased	19.237	19.507	0.2702
3440	50	LDR Unbiased	19.496	19.736	0.2403
3441	50	LDR Unbiased	19.436	20.005	0.5693
3443	50	LDR Unbiased	19.642	19.79	0.1473
3444	50	LDR Unbiased	19.725	19.779	0.0548
4434	100	LDR Biased	19.236	19.526	0.29
4435	100	LDR Biased	19.721	20.261	0.54
4436	100	LDR Biased	19.388	19.88	0.492
4437	100	LDR Biased	19.957	20.631	0.6741
4438	100	LDR Biased	19.941	20.121	0.1808
4439	100	LDR Unbiased	19.237	19.455	0.2177
4440	100	LDR Unbiased	19.496	19.668	0.1718
4441	100	LDR Unbiased	19.436	19.705	0.2694
4443	100	LDR Unbiased	19.642	19.795	0.1531
4444	100	LDR Unbiased	19.725	19.844	0.119
4500	150	LDR Biased	19.873	20.43	0.5567
4501	150	LDR Biased	19.53	20.02	0.4899
4502	150	LDR Biased	19.545	20.038	0.4927
4503	150	LDR Biased	20.273	20.687	0.4136
4504	150	LDR Biased	20.059	20.403	0.3446
4505	150	LDR Unbiased	19.533	19.886	0.353
4506	150	LDR Unbiased	19.676	20.252	0.5759
4507	150	LDR Unbiased	19.988	19.816	-0.1719
4508	150	LDR Unbiased	19.182	19.132	-0.0495
4509	150	LDR Unbiased	19.45	19.523	0.073

TID vs Post - Pre Exposure Delta

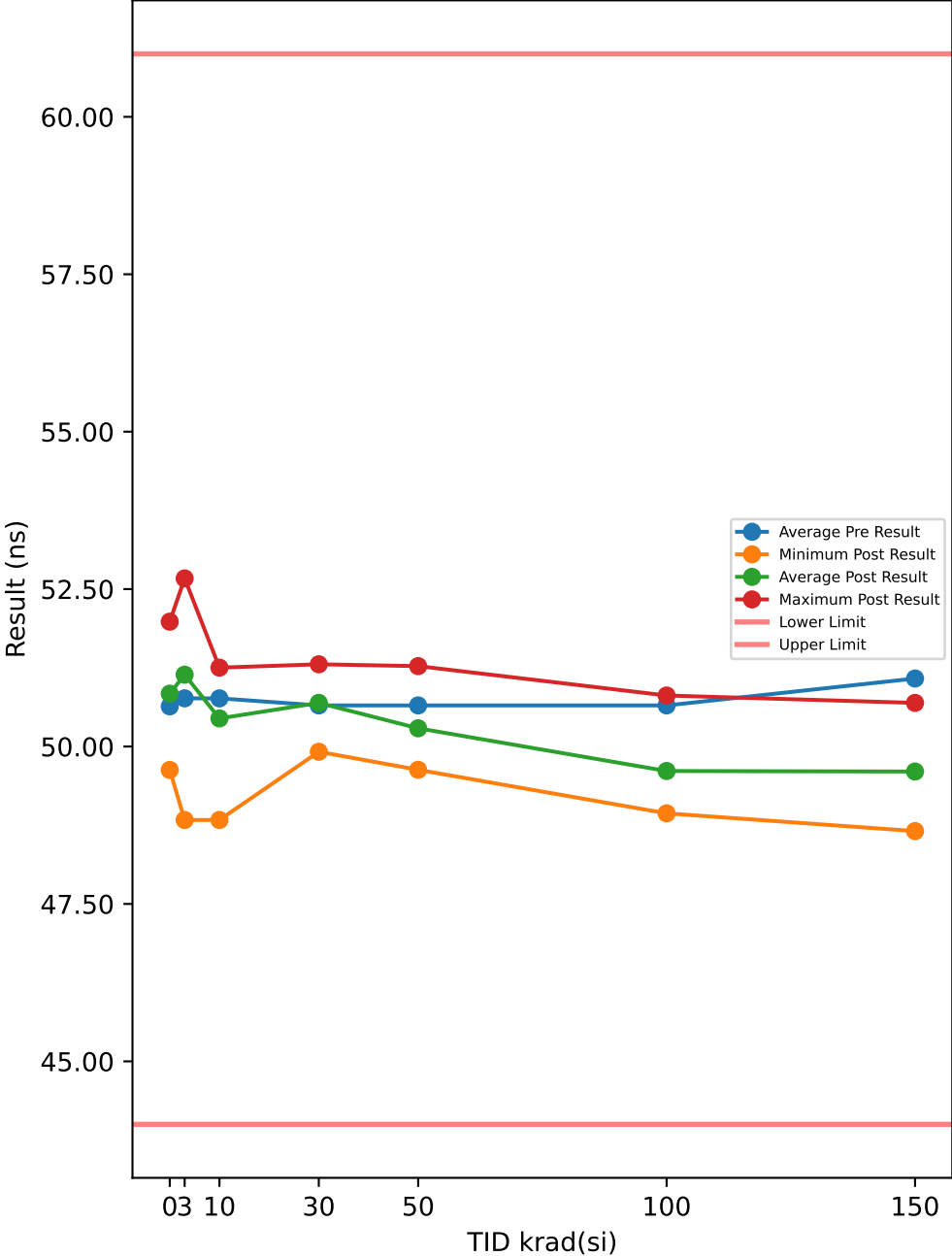


Test Statistics (ns)

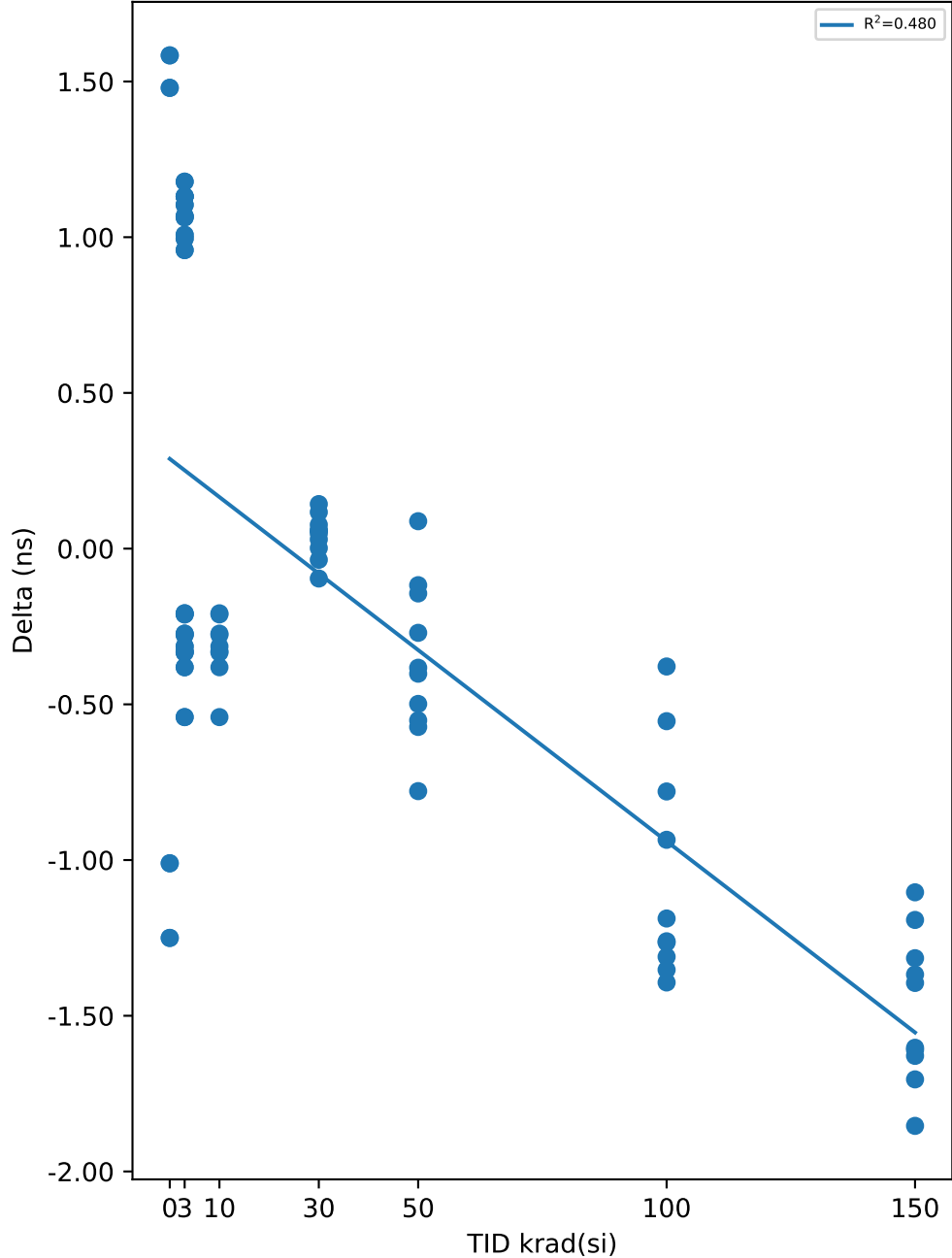
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.436	19.539	19.642	0.14602	20.03	20.296	20.562	0.37604	0.5942	0.75685	0.9195	0.23002
3	19.114	19.64	19.867	0.23907	20.229	20.754	20.972	0.24741	1.0177	1.114	1.2543	0.075302
10	19.114	19.64	19.867	0.23907	19.096	19.535	19.729	0.23986	-0.2675	-0.10481	0.0796	0.09892
30	19.236	19.578	19.957	0.26195	19.627	20.115	20.486	0.2923	0.3734	0.53676	0.7319	0.11827
50	19.236	19.578	19.957	0.26195	19.507	19.939	20.516	0.32522	0.0548	0.36101	0.5693	0.17807
100	19.236	19.578	19.957	0.26195	19.455	19.889	20.631	0.3586	0.119	0.31079	0.6741	0.19033
150	19.182	19.711	20.273	0.33015	19.132	20.019	20.687	0.46049	-0.1719	0.3078	0.5759	0.2643

Device Test: 95.27 DHL Dead Time Large 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

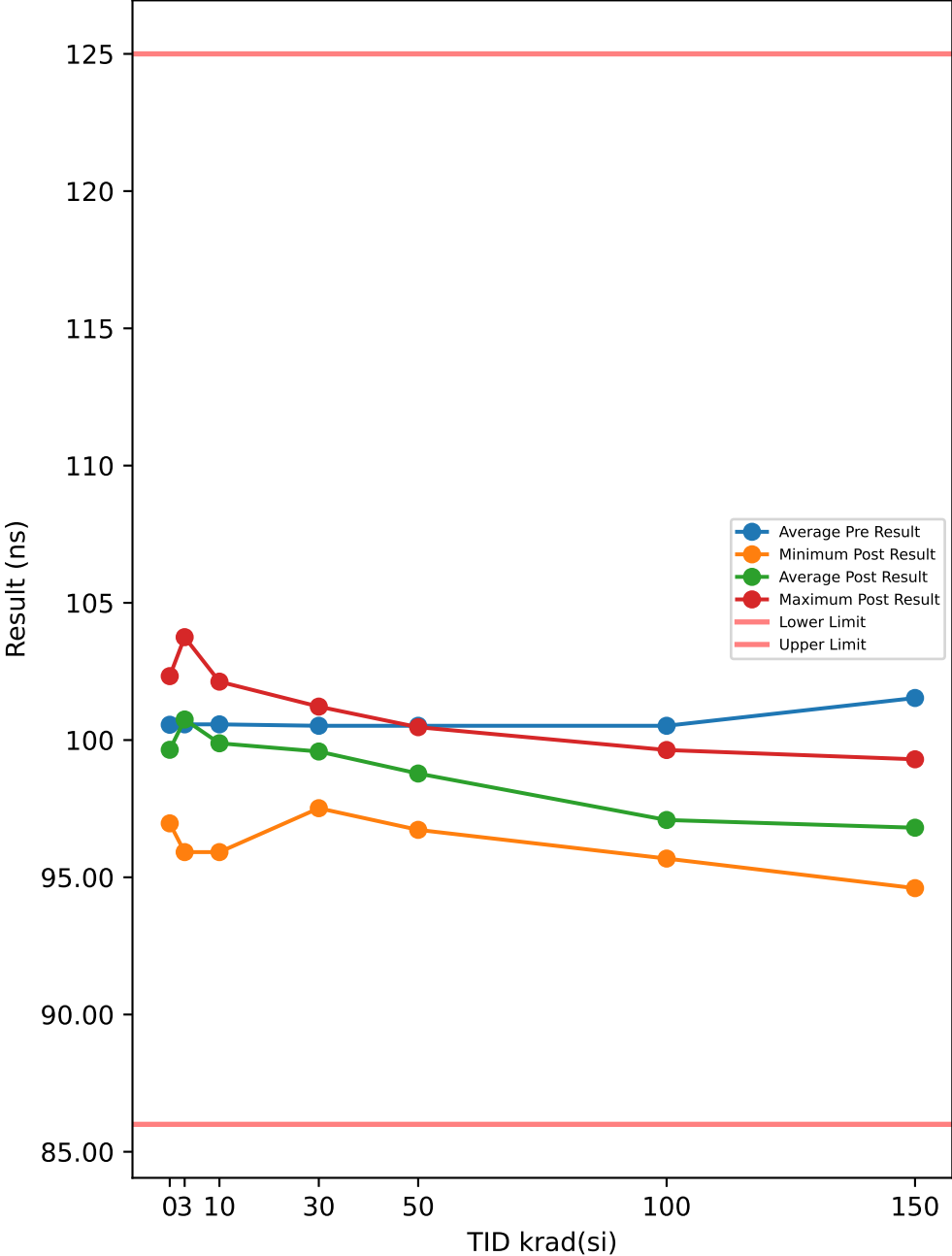
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	50.878	49.628	-1.25
2	0	CORRELATION	50.399	51.878	1.4796
259	3	LDR Biased	51.539	52.67	1.1305
426	3	LDR Biased	51.46	52.528	1.0678
427	3	LDR Biased	49.741	50.7	0.9586
428	3	LDR Biased	51.302	52.48	1.1783
429	3	LDR Unbiased	50.758	51.889	1.1312
430	3	LDR Unbiased	50.504	51.512	1.0076
431	3	LDR Unbiased	49.374	50.37	0.9955
432	3	LDR Unbiased	51.294	52.357	1.0635
433	3	LDR Unbiased	50.911	52.015	1.1038
1259	10	LDR Biased	51.539	51.209	-0.3299
1426	10	LDR Biased	51.46	51.252	-0.2077
1427	10	LDR Biased	49.741	49.361	-0.3809
1428	10	LDR Biased	51.302	51.025	-0.277
1429	10	LDR Unbiased	50.758	50.485	-0.273
1430	10	LDR Unbiased	50.504	50.293	-0.2112
1431	10	LDR Unbiased	49.374	48.833	-0.541
1432	10	LDR Unbiased	51.294	50.98	-0.3139
1433	10	LDR Unbiased	50.911	50.578	-0.3337
2434	30	LDR Biased	50.56	50.618	0.0578
2435	30	LDR Biased	49.774	49.917	0.143
2436	30	LDR Biased	50.582	50.642	0.0595
2437	30	LDR Biased	51.189	51.306	0.1171
2438	30	LDR Biased	51.016	51.065	0.0487
2439	30	LDR Unbiased	50.249	50.251	0.0018
2440	30	LDR Unbiased	50.55	50.454	-0.096
2441	30	LDR Unbiased	50.878	50.955	0.0767
2443	30	LDR Unbiased	50.399	50.428	0.0297
2444	30	LDR Unbiased	51.328	51.292	-0.0358
3434	50	LDR Biased	50.56	50.009	-0.5515
3435	50	LDR Biased	49.774	49.63	-0.1439
3436	50	LDR Biased	50.582	50.465	-0.1174
3437	50	LDR Biased	51.189	51.277	0.088
3438	50	LDR Biased	51.016	50.746	-0.2704
3439	50	LDR Unbiased	50.249	49.677	-0.5726
3440	50	LDR Unbiased	50.55	50.148	-0.4016
3441	50	LDR Unbiased	50.878	50.495	-0.3825
3443	50	LDR Unbiased	50.399	49.9	-0.4987
3444	50	LDR Unbiased	51.328	50.55	-0.7787
4434	100	LDR Biased	50.56	49.373	-1.1877
4435	100	LDR Biased	49.774	49.22	-0.5541
4436	100	LDR Biased	50.582	49.802	-0.7798
4437	100	LDR Biased	51.189	50.81	-0.3785
4438	100	LDR Biased	51.016	49.755	-1.2609
4439	100	LDR Unbiased	50.249	48.939	-1.3106
4440	100	LDR Unbiased	50.55	49.197	-1.3524
4441	100	LDR Unbiased	50.878	49.485	-1.3931
4443	100	LDR Unbiased	50.399	49.464	-0.935
4444	100	LDR Unbiased	51.328	50.064	-1.2647
4500	150	LDR Biased	51.796	50.693	-1.1036
4501	150	LDR Biased	51.403	49.699	-1.7043
4502	150	LDR Biased	50.854	49.486	-1.3676
4503	150	LDR Biased	52.08	50.47	-1.6094
4504	150	LDR Biased	50.979	49.664	-1.3152
4505	150	LDR Unbiased	50.952	49.76	-1.1923
4506	150	LDR Unbiased	50.867	49.473	-1.3946
4507	150	LDR Unbiased	50.767	48.913	-1.8536
4508	150	LDR Unbiased	50.286	48.657	-1.6288
4509	150	LDR Unbiased	50.814	49.212	-1.6028

Test Statistics (ns)

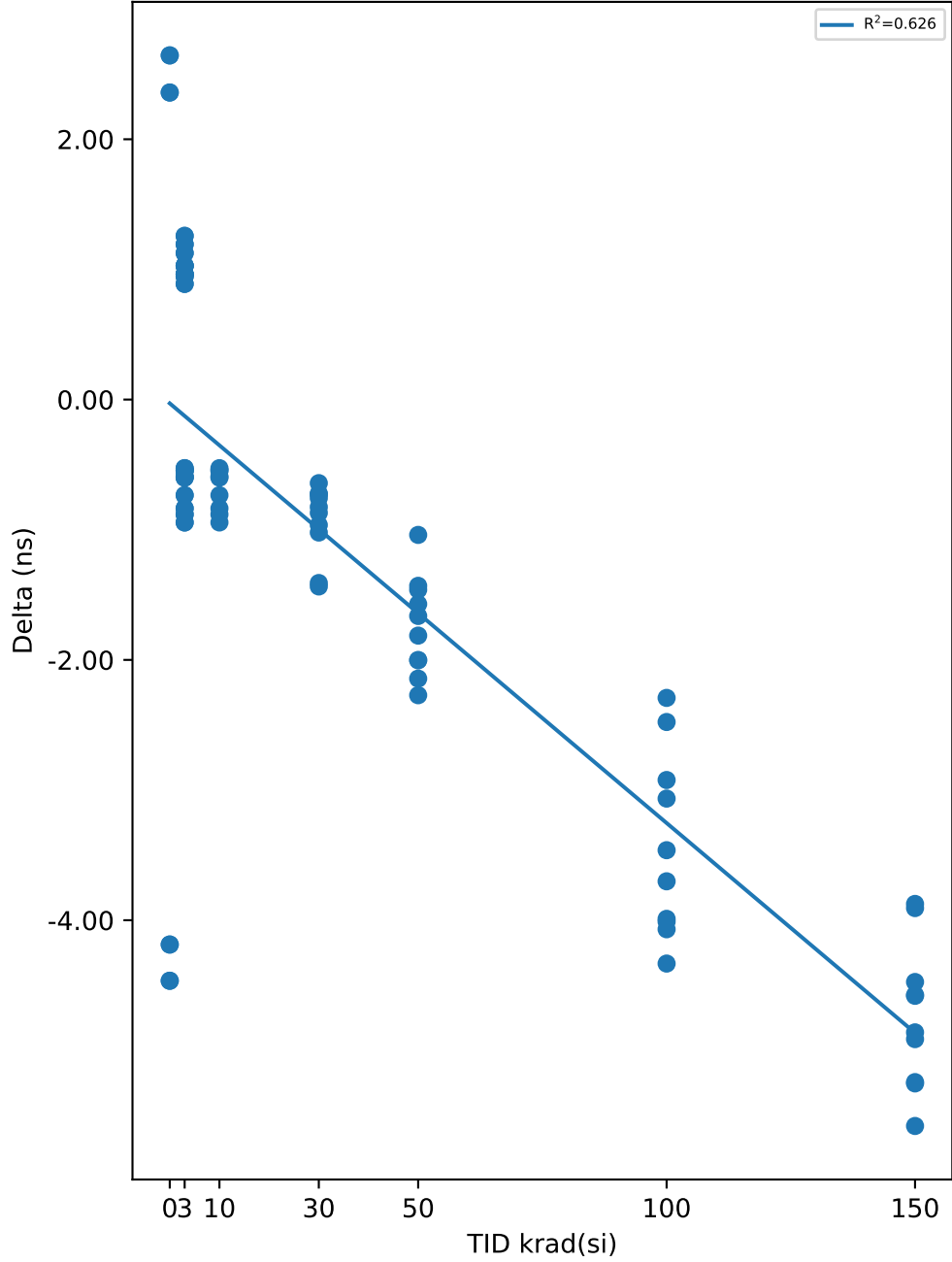
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	50.399	50.638	50.878	0.3387	49.628	50.753	51.878	1.5914	-1.25	0.1148	1.4796	1.9301
3	49.374	50.765	51.539	0.76819	50.37	51.836	52.67	0.82462	0.9586	1.0708	1.1783	0.072606
10	49.374	50.765	51.539	0.76819	48.833	50.446	51.252	0.84214	-0.541	-0.3187	-0.2077	0.10085
30	49.774	50.653	51.328	0.46549	49.917	50.693	51.306	0.45639	-0.096	0.04025	0.143	0.0703
50	49.774	50.653	51.328	0.46549	49.63	50.29	51.277	0.5147	-0.7787	-0.36293	0.088	0.25666
100	49.774	50.653	51.328	0.46549	48.939	49.611	50.81	0.53444	-1.3931	-1.0417	-0.3785	0.3604
150	50.286	51.08	52.08	0.53116	48.657	49.603	50.693	0.62639	-1.8536	-1.4772	-1.1036	0.23928

Device Test: 95.28 DHL Dead Time Max 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



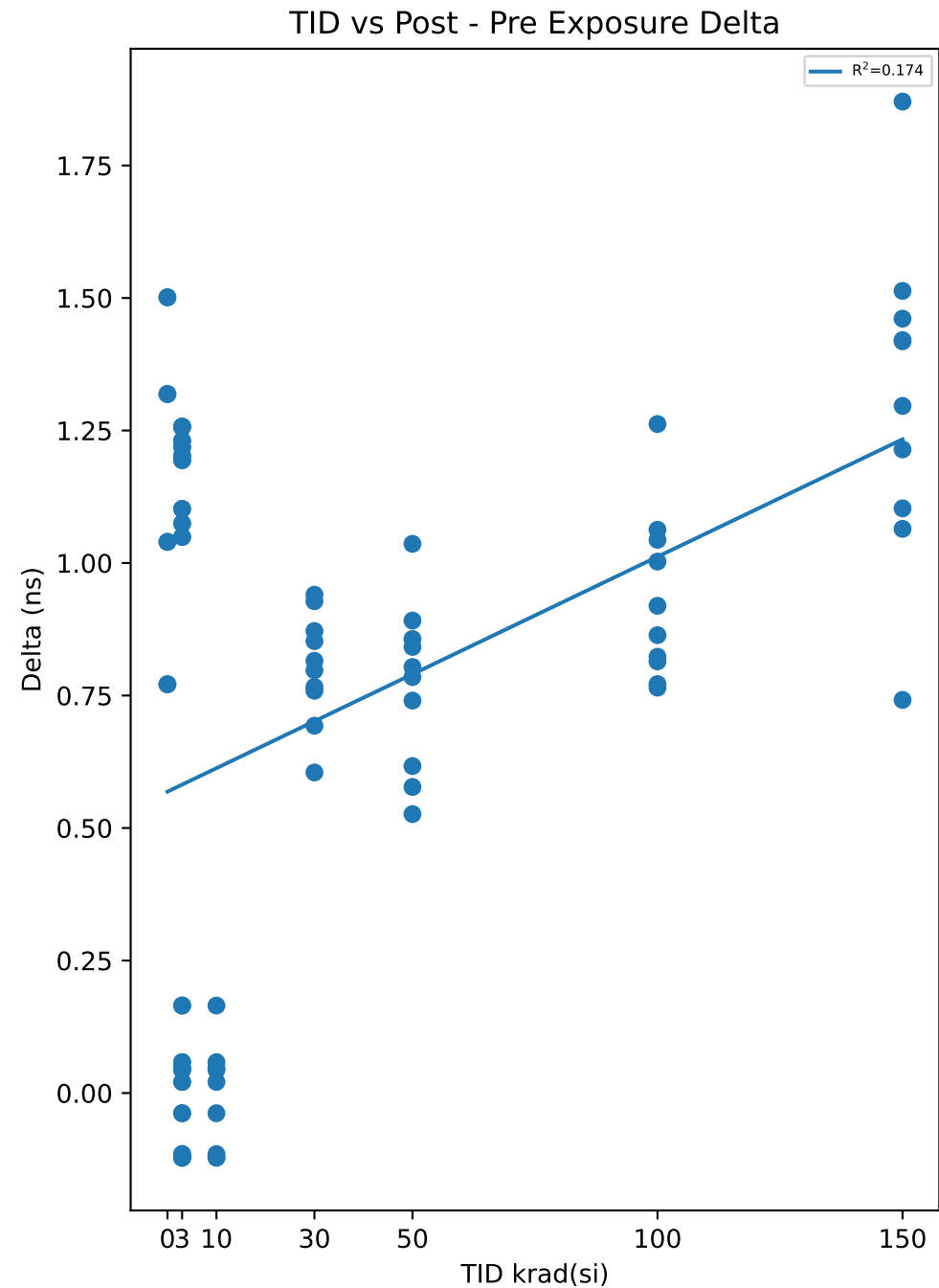
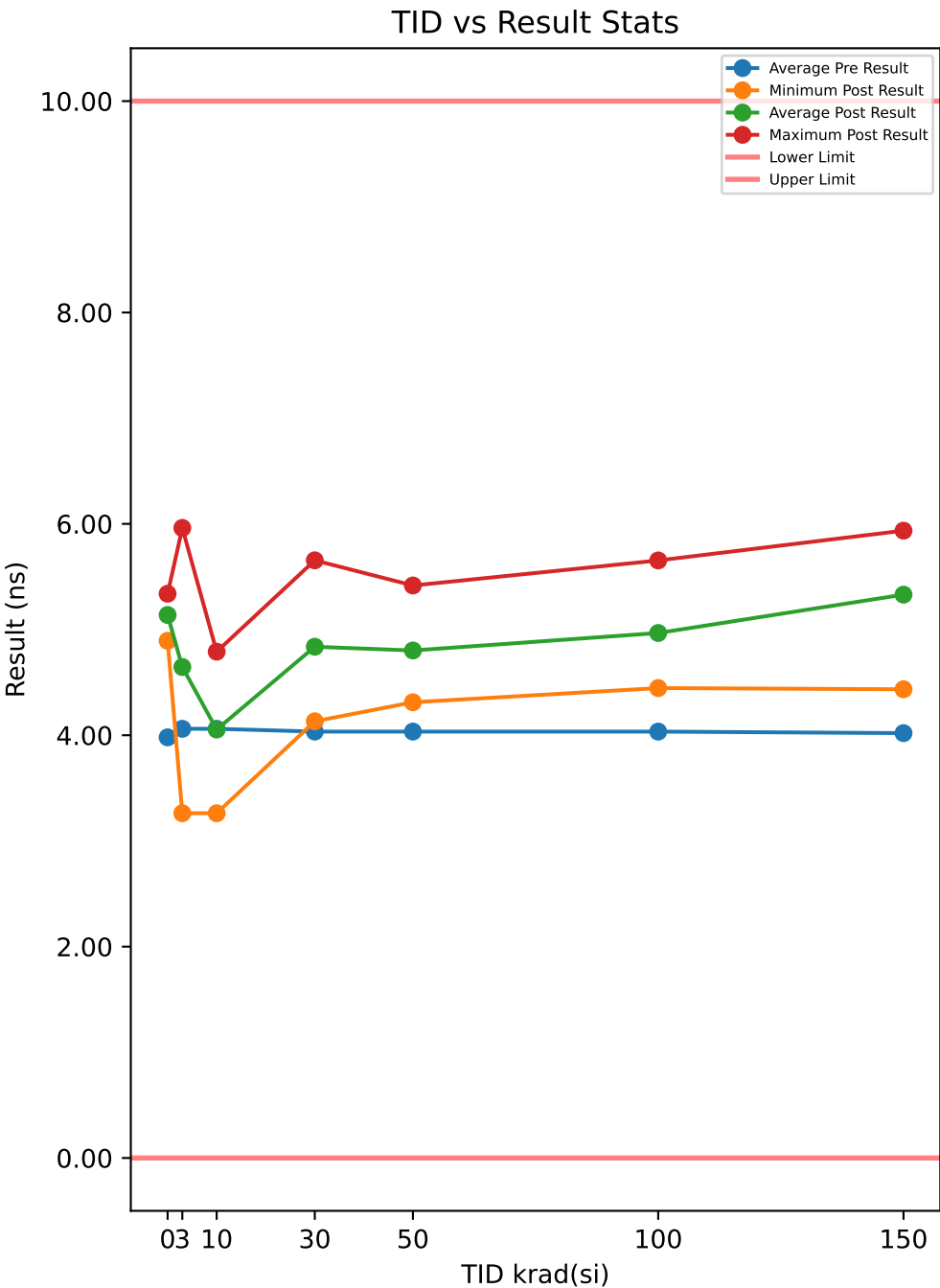
Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	101.43	96.965	-4.465
2	0	CORRELATION	99.685	102.04	2.3591
259	3	LDR Biased	102.39	103.58	1.193
426	3	LDR Biased	102.72	103.75	1.0295
427	3	LDR Biased	97.175	98.064	0.889
428	3	LDR Biased	101.72	102.69	0.9644
429	3	LDR Unbiased	100.93	102.19	1.2576
430	3	LDR Unbiased	99.52	100.47	0.9458
431	3	LDR Unbiased	96.8	97.926	1.1256
432	3	LDR Unbiased	102.38	103.41	1.0262
433	3	LDR Unbiased	101.51	102.47	0.9622
1259	10	LDR Biased	102.39	101.84	-0.5477
1426	10	LDR Biased	102.72	102.13	-0.5912
1427	10	LDR Biased	97.175	96.339	-0.8359
1428	10	LDR Biased	101.72	100.99	-0.7348
1429	10	LDR Unbiased	100.93	100.33	-0.6
1430	10	LDR Unbiased	99.52	98.993	-0.5269
1431	10	LDR Unbiased	96.8	95.918	-0.8822
1432	10	LDR Unbiased	102.38	101.84	-0.5415
1433	10	LDR Unbiased	101.51	100.57	-0.944
2434	30	LDR Biased	100.32	99.445	-0.8704
2435	30	LDR Biased	98.159	97.517	-0.642
2436	30	LDR Biased	100.68	99.924	-0.7562
2437	30	LDR Biased	101.93	101.1	-0.8256
2438	30	LDR Biased	100.91	99.951	-0.9636
2439	30	LDR Unbiased	99.398	98.677	-0.7216
2440	30	LDR Unbiased	100.45	99.012	-1.4358
2441	30	LDR Unbiased	101.43	100.02	-1.4093
2443	30	LDR Unbiased	99.685	98.956	-0.7282
2444	30	LDR Unbiased	102.24	101.22	-1.0214
3434	50	LDR Biased	100.32	98.172	-2.1437
3435	50	LDR Biased	98.159	96.728	-1.4309
3436	50	LDR Biased	100.68	99.64	-1.0397
3437	50	LDR Biased	101.93	100.47	-1.4607
3438	50	LDR Biased	100.91	99.101	-1.8133
3439	50	LDR Unbiased	99.398	97.827	-1.5709
3440	50	LDR Unbiased	100.45	98.445	-2.0029
3441	50	LDR Unbiased	101.43	99.429	-2.0008
3443	50	LDR Unbiased	99.685	98.022	-1.6625
3444	50	LDR Unbiased	102.24	99.969	-2.2713
4434	100	LDR Biased	100.32	96.614	-3.701
4435	100	LDR Biased	98.159	95.682	-2.4771
4436	100	LDR Biased	100.68	97.615	-3.0655
4437	100	LDR Biased	101.93	99.637	-2.292
4438	100	LDR Biased	100.91	96.904	-4.0107
4439	100	LDR Unbiased	99.398	95.936	-3.462
4440	100	LDR Unbiased	100.45	96.379	-4.0694
4441	100	LDR Unbiased	101.43	97.097	-4.333
4443	100	LDR Unbiased	99.685	96.762	-2.9228
4444	100	LDR Unbiased	102.24	98.251	-3.9894
4500	150	LDR Biased	103.17	99.299	-3.8749
4501	150	LDR Biased	102.81	97.228	-5.5808
4502	150	LDR Biased	101.34	96.43	-4.9135
4503	150	LDR Biased	103.52	98.279	-5.2437
4504	150	LDR Biased	100.74	96.269	-4.4745
4505	150	LDR Unbiased	101.67	97.761	-3.9067
4506	150	LDR Unbiased	100.64	96.062	-4.5743
4507	150	LDR Unbiased	99.858	94.605	-5.2538
4508	150	LDR Unbiased	100.47	95.612	-4.8616
4509	150	LDR Unbiased	101.1	96.516	-4.5808

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	99.685	100.56	101.43	1.2343	96.965	99.504	102.04	3.5911	-4.465	-1.0529	2.3591	4.8254
3	96.8	100.57	102.72	2.2468	97.926	101.62	103.75	2.2744	0.889	1.0437	1.2576	0.12334
10	96.8	100.57	102.72	2.2468	95.918	99.883	102.13	2.3361	-0.944	-0.68936	-0.5269	0.1626
30	98.159	100.52	102.24	1.2261	97.517	99.583	101.22	1.1184	-1.4358	-0.93741	-0.642	0.28013
50	98.159	100.52	102.24	1.2261	96.728	98.78	100.47	1.1403	-2.2713	-1.7397	-1.0397	0.37806
100	98.159	100.52	102.24	1.2261	95.682	97.088	99.637	1.169	-4.333	-3.4323	-2.292	0.7104
150	99.858	101.53	103.52	1.2419	94.605	96.806	99.299	1.3669	-5.5808	-4.7265	-3.8749	0.56113

Device Test: 95.29 DHL Dead Time Min 2MHz VIN_10V

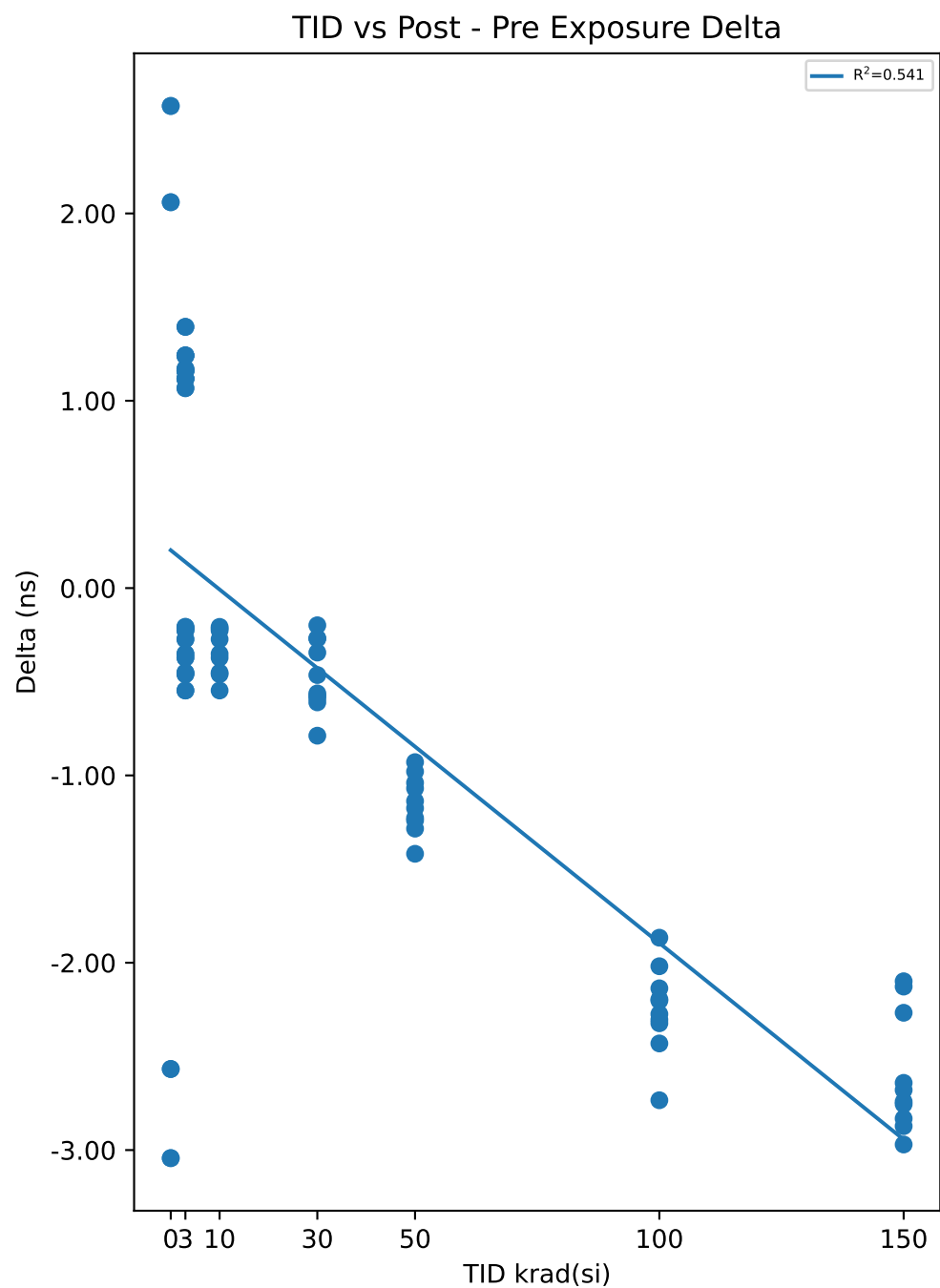
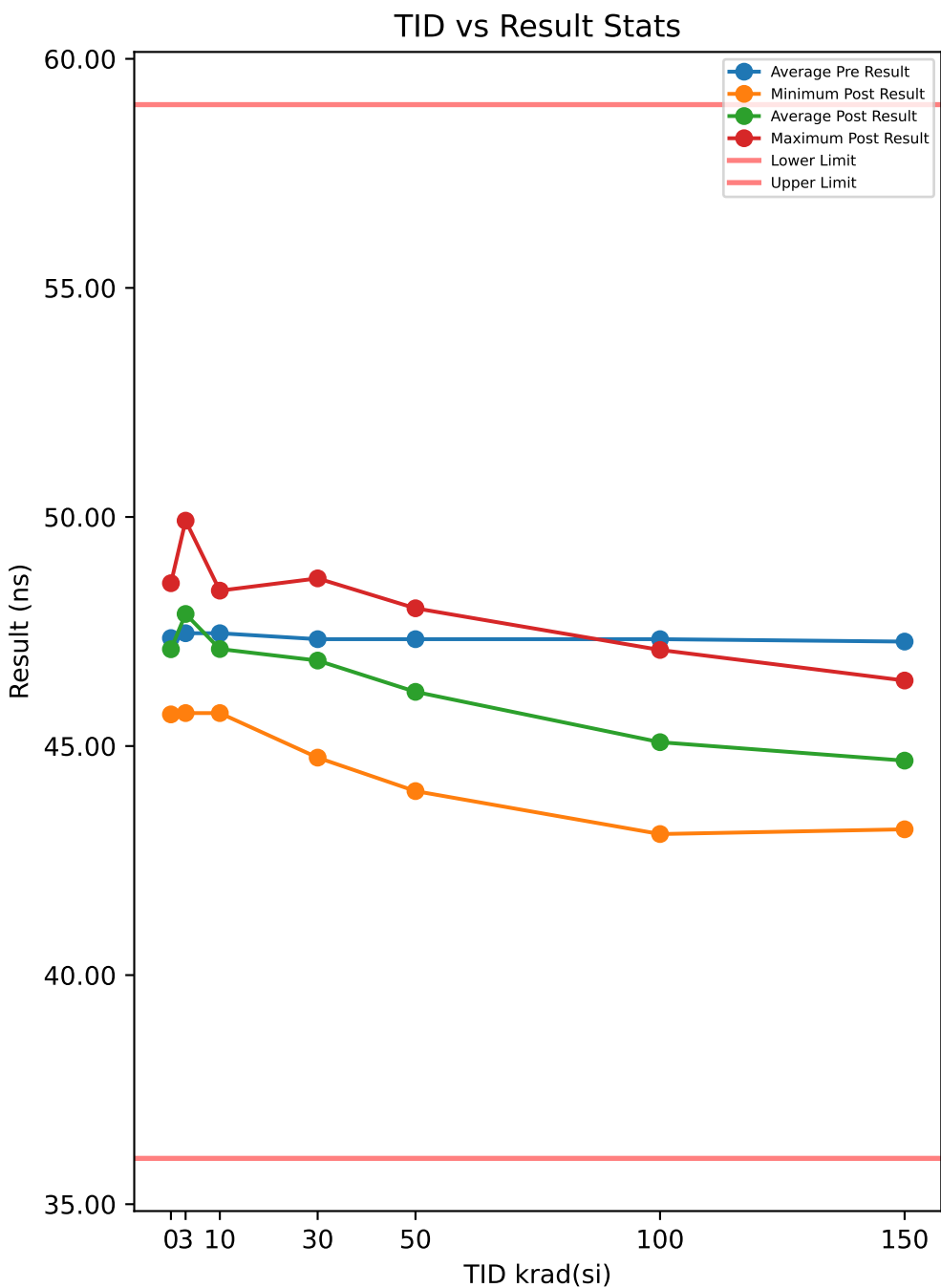


Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8376	5.1564	1.3188
2	0	CORRELATION	4.1225	4.8937	0.7712
259	3	LDR Biased	3.7971	5.0158	1.2187
426	3	LDR Biased	3.7484	4.9792	1.2308
427	3	LDR Biased	4.9123	5.9615	1.0492
428	3	LDR Biased	4.1708	5.4281	1.2573
429	3	LDR Unbiased	3.2035	4.46	1.2565
430	3	LDR Unbiased	4.2462	5.4483	1.2021
431	3	LDR Unbiased	4.3435	5.4455	1.102
432	3	LDR Unbiased	3.8602	5.0542	1.194
433	3	LDR Unbiased	4.2662	5.3408	1.0746
1259	10	LDR Biased	3.7971	3.6752	-0.1219
1426	10	LDR Biased	3.7484	3.9135	0.1651
1427	10	LDR Biased	4.9123	4.7905	-0.1218
1428	10	LDR Biased	4.1708	4.1327	-0.0381
1429	10	LDR Unbiased	3.2035	3.2618	0.0583
1430	10	LDR Unbiased	4.2462	4.2899	0.0437
1431	10	LDR Unbiased	4.3435	4.2284	-0.1151
1432	10	LDR Unbiased	3.8602	3.9071	0.0469
1433	10	LDR Unbiased	4.2662	4.2872	0.021
2434	30	LDR Biased	3.527	4.1318	0.6048
2435	30	LDR Biased	4.8394	5.6549	0.8155
2436	30	LDR Biased	3.7336	4.5312	0.7976
2437	30	LDR Biased	4.3204	5.2483	0.9279
2438	30	LDR Biased	4.2989	5.1706	0.8717
2439	30	LDR Unbiased	3.7814	4.5404	0.759
2440	30	LDR Unbiased	4.011	4.704	0.693
2441	30	LDR Unbiased	3.8376	4.6902	0.8526
2443	30	LDR Unbiased	4.1225	4.8889	0.7664
2444	30	LDR Unbiased	3.8725	4.8127	0.9402
3434	50	LDR Biased	3.527	4.3118	0.7848
3435	50	LDR Biased	4.8394	5.4169	0.5775
3436	50	LDR Biased	3.7336	4.7698	1.0362
3437	50	LDR Biased	4.3204	5.1242	0.8038
3438	50	LDR Biased	4.2989	5.1406	0.8417
3439	50	LDR Unbiased	3.7814	4.5218	0.7404
3440	50	LDR Unbiased	4.011	4.9024	0.8914
3441	50	LDR Unbiased	3.8376	4.6943	0.8567
3443	50	LDR Unbiased	4.1225	4.7394	0.6169
3444	50	LDR Unbiased	3.8725	4.3988	0.5263
4434	100	LDR Biased	3.527	4.4463	0.9193
4435	100	LDR Biased	4.8394	5.6538	0.8144
4436	100	LDR Biased	3.7336	4.7963	1.0627
4437	100	LDR Biased	4.3204	5.5826	1.2622
4438	100	LDR Biased	4.2989	5.3426	1.0437
4439	100	LDR Unbiased	3.7814	4.5463	0.7649
4440	100	LDR Unbiased	4.011	4.7826	0.7716
4441	100	LDR Unbiased	3.8376	4.7015	0.8639
4443	100	LDR Unbiased	4.1225	4.9457	0.8232
4444	100	LDR Unbiased	3.8725	4.8752	1.0027
4500	150	LDR Biased	3.883	5.0973	1.2143
4501	150	LDR Biased	3.6465	5.0671	1.4206
4502	150	LDR Biased	4.0975	5.5158	1.4183
4503	150	LDR Biased	4.4222	5.9356	1.5134
4504	150	LDR Biased	4.5653	5.8617	1.2964
4505	150	LDR Unbiased	3.712	5.173	1.461
4506	150	LDR Unbiased	3.9782	5.8488	1.8706
4507	150	LDR Unbiased	4.4405	5.5049	1.0644
4508	150	LDR Unbiased	3.6933	4.435	0.7417
4509	150	LDR Unbiased	3.7607	4.8638	1.1031

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	3.8376	3.98	4.1225	0.20145	4.8937	5.0251	5.1564	0.18576	0.7712	1.045	1.3188	0.38721
3	3.2035	4.0609	4.9123	0.47906	4.46	5.237	5.9615	0.42025	1.0492	1.1761	1.2573	0.079654
10	3.2035	4.0609	4.9123	0.47906	3.2618	4.054	4.7905	0.43322	-0.1219	-0.0068778	0.1651	0.099484
30	3.527	4.0344	4.8394	0.37786	4.1318	4.8373	5.6549	0.43086	0.6048	0.80287	0.9402	0.10352
50	3.527	4.0344	4.8394	0.37786	4.3118	4.802	5.4169	0.35033	0.5263	0.76757	1.0362	0.15646
100	3.527	4.0344	4.8394	0.37786	4.4463	4.9673	5.6538	0.41931	0.7649	0.93286	1.2622	0.15906
150	3.6465	4.0199	4.5653	0.34493	4.435	5.3303	5.9356	0.48876	0.7417	1.3104	1.8706	0.30511

Device Test: 95.3 DLH Dead Time Large 500kHz VIN 10V



Test Results (Lower Limit = 36.0,
Upper Limit = 59.0 (ns))

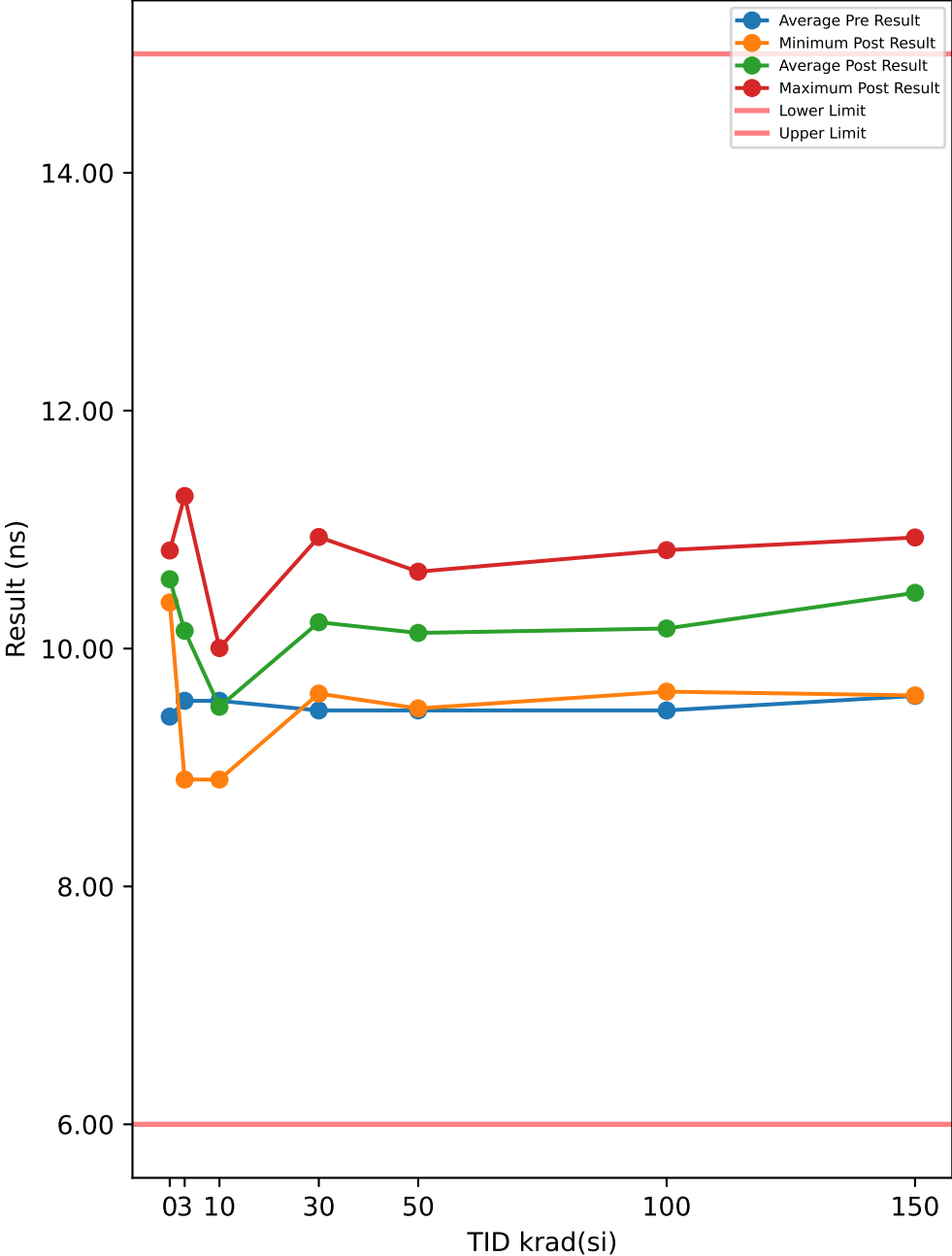
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	48.734	45.691	-3.0431
2	0	CORRELATION	45.98	48.04	2.0599
259	3	LDR Biased	47.475	48.718	1.2425
426	3	LDR Biased	47.358	48.752	1.3945
427	3	LDR Biased	47.695	48.935	1.2403
428	3	LDR Biased	46.45	47.517	1.0672
429	3	LDR Unbiased	46.07	47.241	1.1704
430	3	LDR Unbiased	48.802	49.919	1.1169
431	3	LDR Unbiased	48.665	49.827	1.1623
432	3	LDR Unbiased	46.704	47.862	1.1578
433	3	LDR Unbiased	47.941	49.059	1.1183
1259	10	LDR Biased	47.475	47.26	-0.2152
1426	10	LDR Biased	47.358	47.132	-0.2262
1427	10	LDR Biased	47.695	47.488	-0.2071
1428	10	LDR Biased	46.45	45.903	-0.5467
1429	10	LDR Unbiased	46.07	45.719	-0.351
1430	10	LDR Unbiased	48.802	48.343	-0.4597
1431	10	LDR Unbiased	48.665	48.392	-0.2729
1432	10	LDR Unbiased	46.704	46.333	-0.3714
1433	10	LDR Unbiased	47.941	47.489	-0.4514
2434	30	LDR Biased	45.614	45.345	-0.269
2435	30	LDR Biased	48.951	48.607	-0.3442
2436	30	LDR Biased	44.946	44.747	-0.1985
2437	30	LDR Biased	47.828	47.218	-0.61
2438	30	LDR Biased	48.006	47.443	-0.5623
2439	30	LDR Unbiased	48.143	47.875	-0.2686
2440	30	LDR Unbiased	49.234	48.66	-0.5745
2441	30	LDR Unbiased	48.734	48.146	-0.5875
2443	30	LDR Unbiased	45.98	45.192	-0.7879
2444	30	LDR Unbiased	45.889	45.425	-0.4643
3434	50	LDR Biased	45.614	44.575	-1.0393
3435	50	LDR Biased	48.951	47.882	-1.0689
3436	50	LDR Biased	44.946	44.016	-0.9291
3437	50	LDR Biased	47.828	46.653	-1.1751
3438	50	LDR Biased	48.006	46.587	-1.4184
3439	50	LDR Unbiased	48.143	47.006	-1.137
3440	50	LDR Unbiased	49.234	48.007	-1.2275
3441	50	LDR Unbiased	48.734	47.45	-1.2841
3443	50	LDR Unbiased	45.98	44.74	-1.2402
3444	50	LDR Unbiased	45.889	44.91	-0.9793
4434	100	LDR Biased	45.614	43.419	-2.1951
4435	100	LDR Biased	48.951	46.749	-2.202
4436	100	LDR Biased	44.946	43.079	-1.8664
4437	100	LDR Biased	47.828	45.809	-2.0187
4438	100	LDR Biased	48.006	45.272	-2.734
4439	100	LDR Unbiased	48.143	45.869	-2.2741
4440	100	LDR Unbiased	49.234	47.097	-2.1366
4441	100	LDR Unbiased	48.734	46.303	-2.4309
4443	100	LDR Unbiased	45.98	43.676	-2.3042
4444	100	LDR Unbiased	45.889	43.566	-2.3231
4500	150	LDR Biased	45.396	43.297	-2.0989
4501	150	LDR Biased	48.481	45.726	-2.755
4502	150	LDR Biased	47.956	45.689	-2.2671
4503	150	LDR Biased	48.744	45.774	-2.9703
4504	150	LDR Biased	45.955	43.276	-2.6793
4505	150	LDR Unbiased	47.059	44.228	-2.8319
4506	150	LDR Unbiased	46.521	43.78	-2.7415
4507	150	LDR Unbiased	46.055	43.182	-2.8723
4508	150	LDR Unbiased	48.557	46.43	-2.1273
4509	150	LDR Unbiased	48.076	45.434	-2.6413

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	45.98	47.357	48.734	1.947	45.691	46.865	48.04	1.6613	-3.0431	-0.4916	2.0599	3.6084
3	46.07	47.462	48.802	0.94023	47.241	48.648	49.919	0.94538	1.0672	1.1856	1.3945	0.09662
10	46.07	47.462	48.802	0.94023	45.719	47.118	48.392	0.96601	-0.5467	-0.34462	-0.2071	0.12302
30	44.946	47.332	49.234	1.5677	44.747	46.866	48.66	1.5291	-0.7879	-0.46668	-0.1985	0.18983
50	44.946	47.332	49.234	1.5677	44.016	46.183	48.007	1.4856	-1.4184	-1.1499	-0.9291	0.14971
100	44.946	47.332	49.234	1.5677	43.079	45.084	47.097	1.5118	-2.734	-2.2485	-1.8664	0.23444
150	45.396	47.28	48.744	1.2355	43.182	44.682	46.43	1.2509	-2.9703	-2.5985	-2.0989	0.31666

Device Test: 95.30 DHL Dead Time Small 2MHz VIN_10V

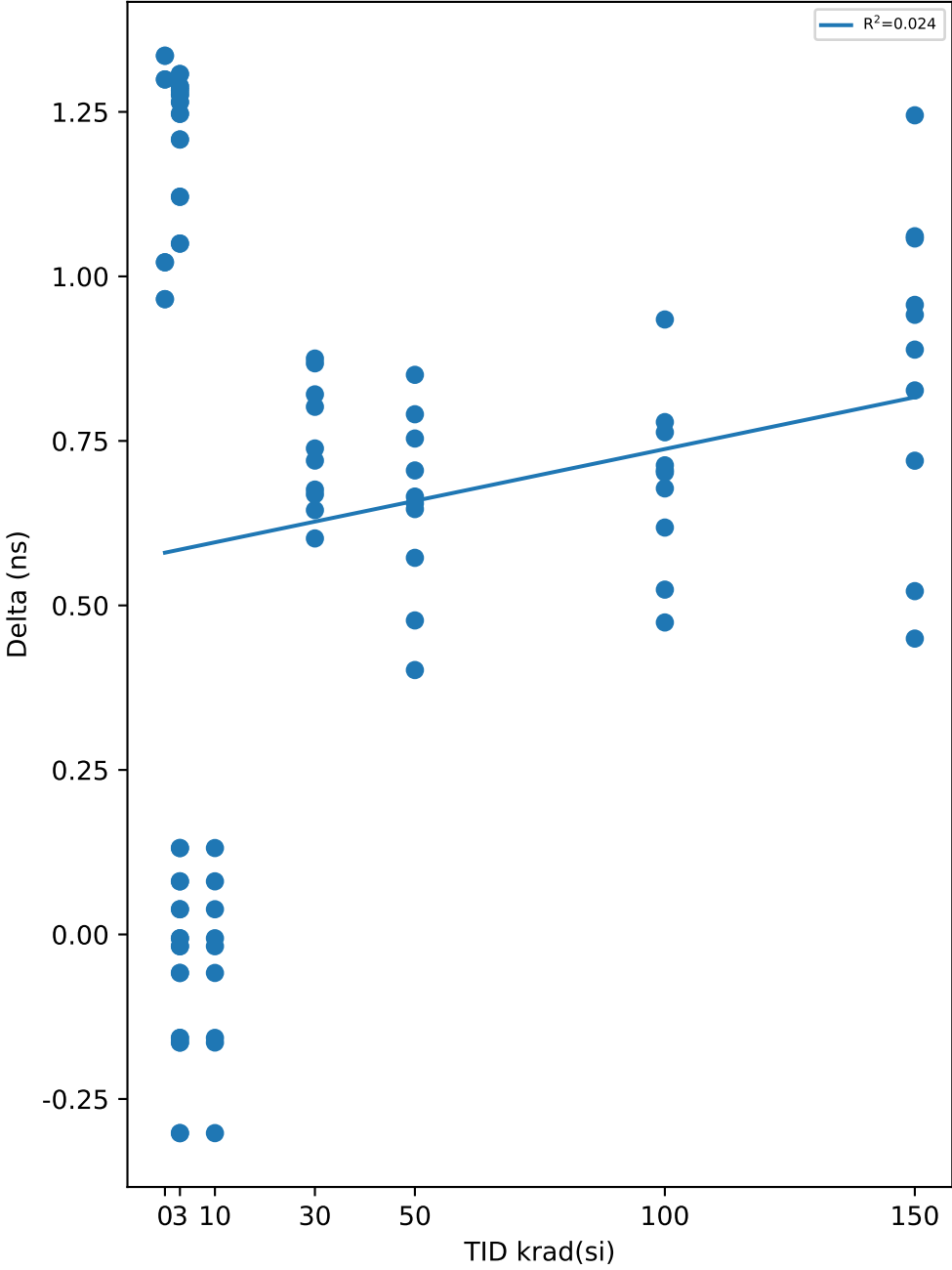
TID vs Result Stats



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.3663	10.388	1.0214
2	0	CORRELATION	9.4892	10.455	0.9654
259	3	LDR Biased	9.4888	10.777	1.2887
426	3	LDR Biased	9.3304	10.613	1.2827
427	3	LDR Biased	10.161	11.282	1.121
428	3	LDR Biased	9.6937	11.001	1.3075
429	3	LDR Unbiased	8.8178	10.083	1.2648
430	3	LDR Unbiased	9.663	10.939	1.2761
431	3	LDR Unbiased	9.7329	10.783	1.0499
432	3	LDR Unbiased	9.4598	10.668	1.208
433	3	LDR Unbiased	9.7006	10.948	1.2471
1259	10	LDR Biased	9.4888	9.3246	-0.1642
1426	10	LDR Biased	9.3304	9.4617	0.1313
1427	10	LDR Biased	10.161	10.004	-0.1572
1428	10	LDR Biased	9.6937	9.6352	-0.0585
1429	10	LDR Unbiased	8.8178	8.8985	0.0807
1430	10	LDR Unbiased	9.663	9.7013	0.0383
1431	10	LDR Unbiased	9.7329	9.431	-0.3019
1432	10	LDR Unbiased	9.4598	9.454	-0.0058
1433	10	LDR Unbiased	9.7006	9.6827	-0.0179
2434	30	LDR Biased	9.0196	9.6214	0.6018
2435	30	LDR Biased	10.07	10.938	0.8679
2436	30	LDR Biased	9.2745	9.9946	0.7201
2437	30	LDR Biased	9.8929	10.538	0.6448
2438	30	LDR Biased	9.7865	10.463	0.676
2439	30	LDR Unbiased	9.0978	9.9729	0.8751
2440	30	LDR Unbiased	9.4202	10.089	0.6688
2441	30	LDR Unbiased	9.3663	10.168	0.8018
2443	30	LDR Unbiased	9.4892	10.31	0.8207
2444	30	LDR Unbiased	9.3807	10.119	0.7385
3434	50	LDR Biased	9.0196	9.4968	0.4772
3435	50	LDR Biased	10.07	10.472	0.4018
3436	50	LDR Biased	9.2745	9.9796	0.7051
3437	50	LDR Biased	9.8929	10.646	0.7536
3438	50	LDR Biased	9.7865	10.637	0.8504
3439	50	LDR Unbiased	9.0978	9.7442	0.6464
3440	50	LDR Unbiased	9.4202	10.075	0.6551
3441	50	LDR Unbiased	9.3663	10.157	0.7905
3443	50	LDR Unbiased	9.4892	10.155	0.6654
3444	50	LDR Unbiased	9.3807	9.953	0.5723
4434	100	LDR Biased	9.0196	9.6379	0.6183
4435	100	LDR Biased	10.07	10.783	0.7129
4436	100	LDR Biased	9.2745	10.053	0.7786
4437	100	LDR Biased	9.8929	10.827	0.9345
4438	100	LDR Biased	9.7865	10.55	0.7631
4439	100	LDR Unbiased	9.0978	9.7756	0.6778
4440	100	LDR Unbiased	9.4202	9.8943	0.4741
4441	100	LDR Unbiased	9.3663	9.8903	0.524
4443	100	LDR Unbiased	9.4892	10.191	0.702
4444	100	LDR Unbiased	9.3807	10.086	0.7054
4500	150	LDR Biased	9.6426	10.599	0.9567
4501	150	LDR Biased	9.2461	10.304	1.0576
4502	150	LDR Biased	9.579	10.521	0.9416
4503	150	LDR Biased	10.036	10.924	0.8887
4504	150	LDR Biased	10.107	10.934	0.8267
4505	150	LDR Unbiased	9.3952	10.456	1.061
4506	150	LDR Unbiased	9.5193	10.764	1.2448
4507	150	LDR Unbiased	10.037	10.559	0.5217
4508	150	LDR Unbiased	9.1565	9.6061	0.4496
4509	150	LDR Unbiased	9.2992	10.019	0.7199

TID vs Post - Pre Exposure Delta

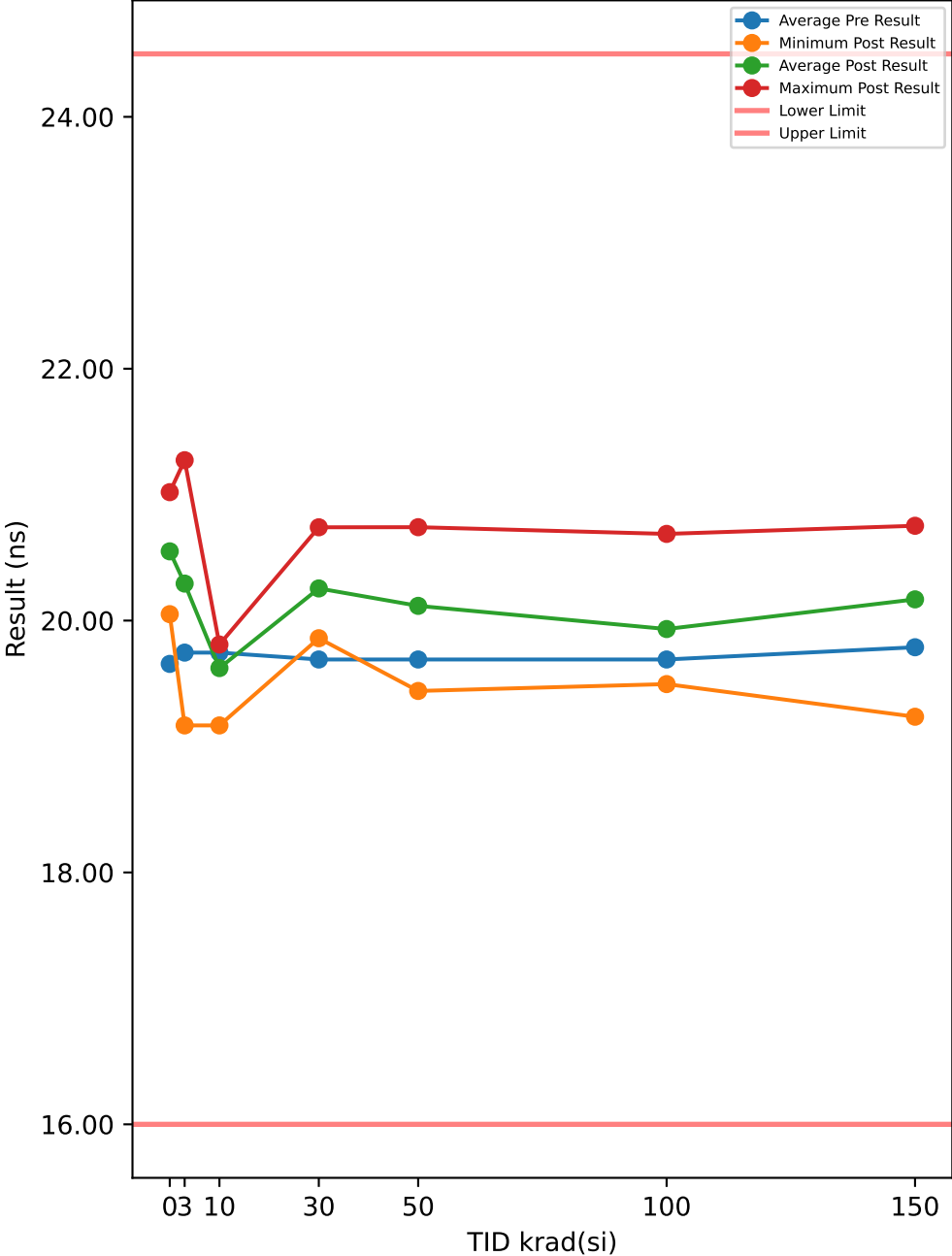


Test Statistics (ns)

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	9.3663	9.4277	9.4892	0.086903	10.388	10.421	10.455	0.047305	0.9654	0.9934	1.0214	0.039598
3	8.8178	9.5609	10.161	0.36371	10.083	10.788	11.282	0.33181	1.0499	1.2273	1.3075	0.08703
10	8.8178	9.5609	10.161	0.36371	8.8985	9.5103	10.004	0.3054	-0.3019	-0.050578	0.1313	0.13638
30	9.0196	9.4798	10.07	0.33981	9.6214	10.221	10.938	0.36261	0.6018	0.74155	0.8751	0.095826
50	9.0196	9.4798	10.07	0.33981	9.4968	10.132	10.646	0.37247	0.4018	0.65178	0.8504	0.13801
100	9.0196	9.4798	10.07	0.33981	9.6379	10.169	10.827	0.41713	0.4741	0.68907	0.9345	0.13052
150	9.1565	9.6018	10.107	0.34976	9.6061	10.469	10.934	0.40996	0.4496	0.86683	1.2448	0.24664

Device Test: 95.31 DHL Dead Time Mid 2MHz VIN_10V

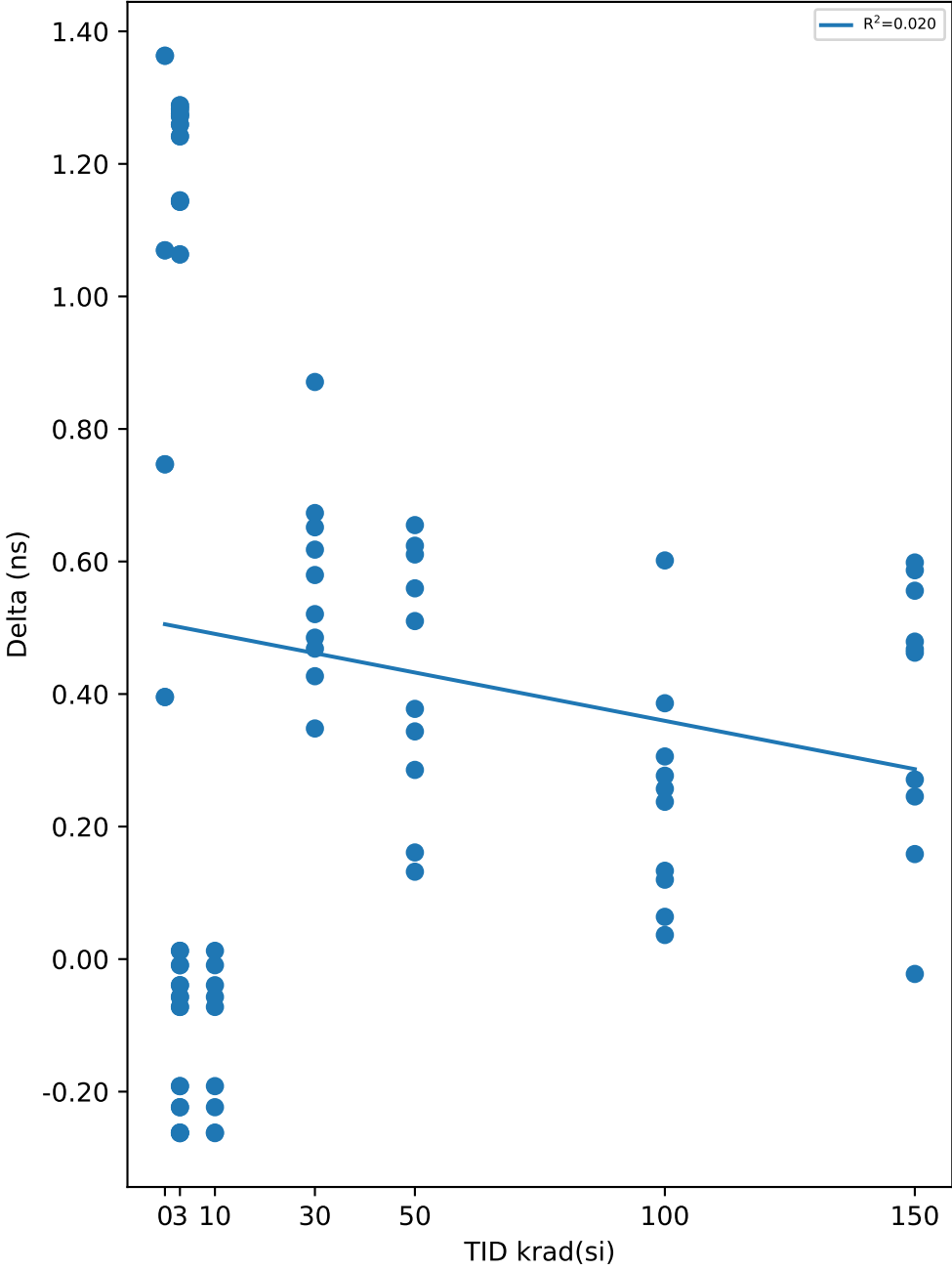
TID vs Result Stats



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.655	20.051	0.3955
2	0	CORRELATION	19.657	20.726	1.0696
259	3	LDR Biased	19.944	21.185	1.2416
426	3	LDR Biased	19.753	21.036	1.2828
427	3	LDR Biased	19.941	21.084	1.1428
428	3	LDR Biased	20.002	21.273	1.272
429	3	LDR Unbiased	19.207	20.466	1.2594
430	3	LDR Unbiased	19.792	20.937	1.1449
431	3	LDR Unbiased	19.554	20.618	1.0634
432	3	LDR Unbiased	19.721	21.009	1.2884
433	3	LDR Unbiased	19.798	21.073	1.2754
1259	10	LDR Biased	19.944	19.681	-0.2626
1426	10	LDR Biased	19.753	19.766	0.0125
1427	10	LDR Biased	19.941	19.717	-0.2235
1428	10	LDR Biased	20.002	19.81	-0.1917
1429	10	LDR Unbiased	19.207	19.168	-0.0394
1430	10	LDR Unbiased	19.792	19.783	-0.0092
1431	10	LDR Unbiased	19.554	19.293	-0.2618
1432	10	LDR Unbiased	19.721	19.664	-0.0571
1433	10	LDR Unbiased	19.798	19.726	-0.0722
2434	30	LDR Biased	19.28	19.86	0.5796
2435	30	LDR Biased	19.87	20.741	0.8709
2436	30	LDR Biased	19.569	20.054	0.4851
2437	30	LDR Biased	20.087	20.607	0.5206
2438	30	LDR Biased	19.968	20.395	0.4269
2439	30	LDR Unbiased	19.362	20.014	0.6516
2440	30	LDR Unbiased	19.602	20.07	0.4685
2441	30	LDR Unbiased	19.655	20.329	0.6731
2443	30	LDR Unbiased	19.657	20.274	0.6179
2444	30	LDR Unbiased	19.86	20.208	0.348
3434	50	LDR Biased	19.28	19.441	0.1609
3435	50	LDR Biased	19.87	20.38	0.5101
3436	50	LDR Biased	19.569	19.947	0.3776
3437	50	LDR Biased	20.087	20.742	0.6549
3438	50	LDR Biased	19.968	20.579	0.6106
3439	50	LDR Unbiased	19.362	19.648	0.2855
3440	50	LDR Unbiased	19.602	20.161	0.5595
3441	50	LDR Unbiased	19.655	20.279	0.6238
3443	50	LDR Unbiased	19.657	20	0.3436
3444	50	LDR Unbiased	19.86	19.992	0.1319
4434	100	LDR Biased	19.28	19.586	0.3058
4435	100	LDR Biased	19.87	20.256	0.3861
4436	100	LDR Biased	19.569	19.846	0.2767
4437	100	LDR Biased	20.087	20.688	0.6016
4438	100	LDR Biased	19.968	20.225	0.257
4439	100	LDR Unbiased	19.362	19.496	0.1333
4440	100	LDR Unbiased	19.602	19.638	0.0364
4441	100	LDR Unbiased	19.655	19.719	0.0638
4443	100	LDR Unbiased	19.657	19.894	0.2374
4444	100	LDR Unbiased	19.86	19.98	0.1198
4500	150	LDR Biased	20.003	20.248	0.2454
4501	150	LDR Biased	19.624	20.18	0.5559
4502	150	LDR Biased	19.613	20.2	0.5868
4503	150	LDR Biased	20.285	20.753	0.4675
4504	150	LDR Biased	20.081	20.68	0.5985
4505	150	LDR Unbiased	19.637	20.116	0.4791
4506	150	LDR Unbiased	19.783	20.246	0.4624
4507	150	LDR Unbiased	20.029	20.188	0.1585
4508	150	LDR Unbiased	19.259	19.236	-0.0224
4509	150	LDR Unbiased	19.568	19.839	0.271

TID vs Post - Pre Exposure Delta

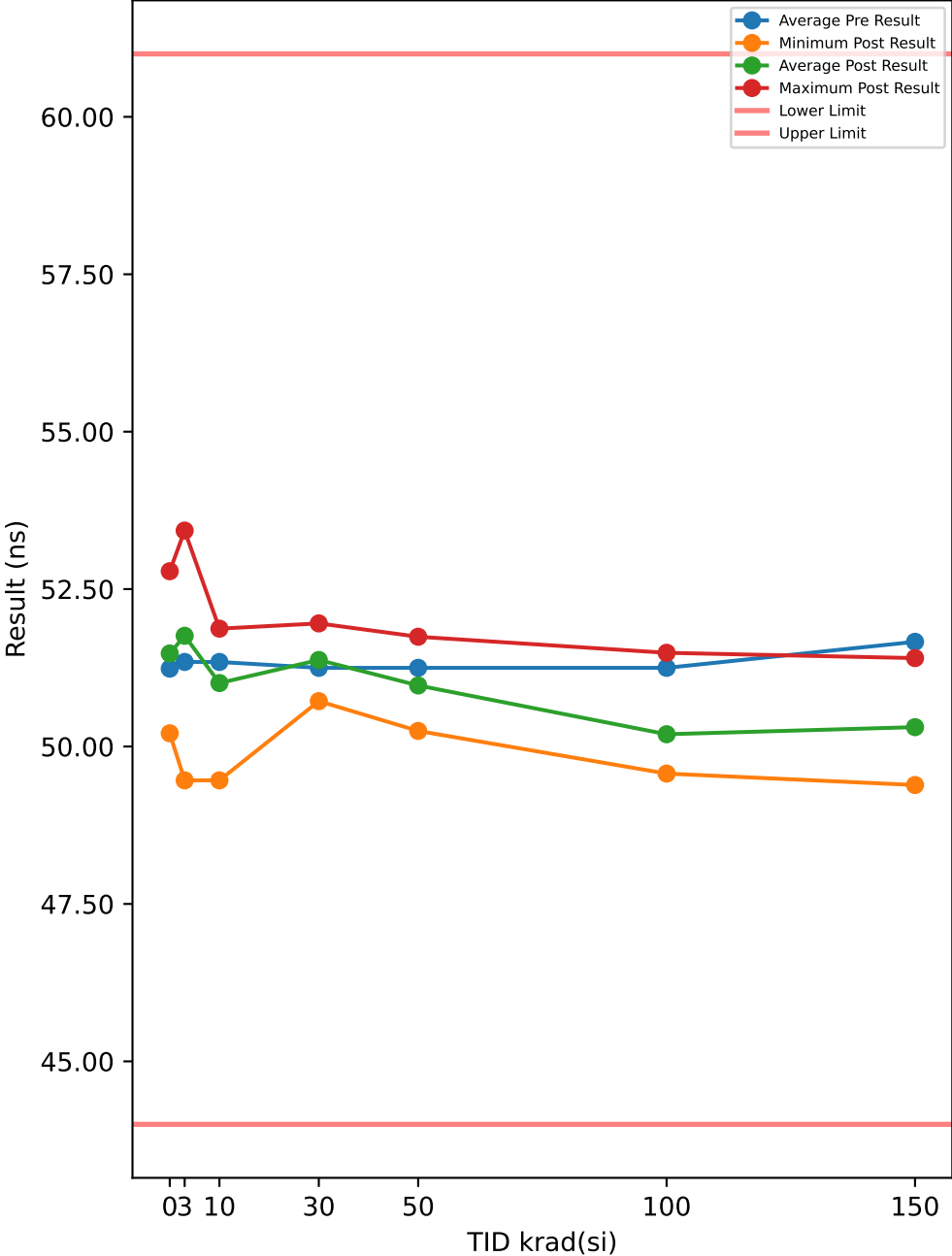


Test Statistics (ns)

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	19.655	19.656	19.657	0.00070711	20.051	20.389	20.726	0.47737	0.3955	0.73255	1.0696	0.47666
3	19.207	19.746	20.002	0.24371	20.466	20.965	21.273	0.26139	1.0634	1.219	1.2884	0.081031
10	19.207	19.746	20.002	0.24371	19.168	19.623	19.81	0.22968	-0.2626	-0.12278	0.0125	0.11113
30	19.28	19.691	20.087	0.25734	19.86	20.255	20.741	0.27414	0.348	0.56422	0.8709	0.14892
50	19.28	19.691	20.087	0.25734	19.441	20.117	20.742	0.39946	0.1319	0.42584	0.6549	0.19326
100	19.28	19.691	20.087	0.25734	19.496	19.933	20.688	0.36753	0.0364	0.24179	0.6016	0.16878
150	19.259	19.788	20.285	0.30664	19.236	20.169	20.753	0.4212	-0.0224	0.38027	0.5985	0.20728

Device Test: 95.32 DHL Dead Time Large 2MHz VIN_10V

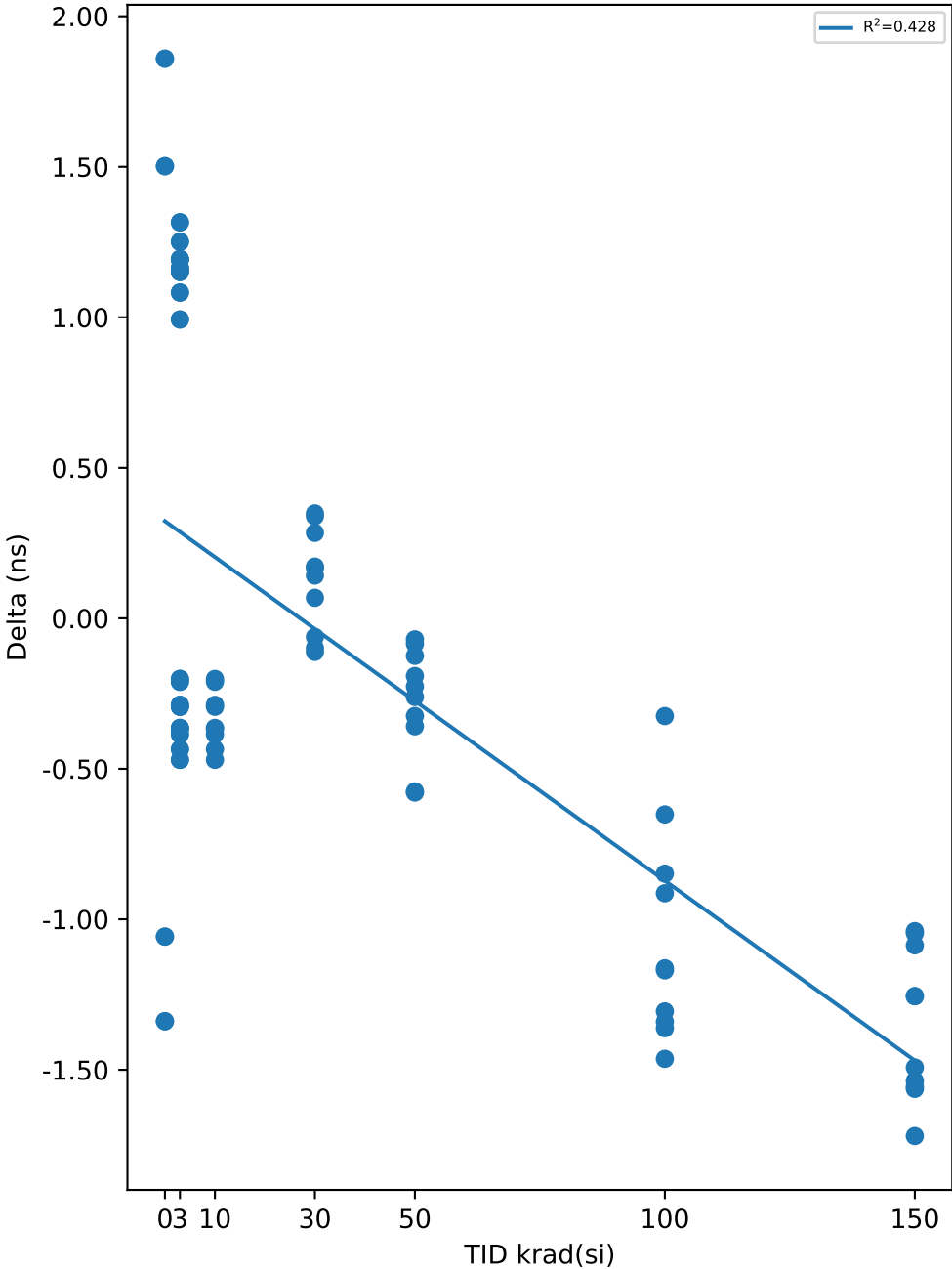
TID vs Result Stats



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	51.549	50.21	-1.3387
2	0	CORRELATION	50.925	52.427	1.5022
259	3	LDR Biased	52.178	53.429	1.2509
426	3	LDR Biased	52.073	53.238	1.1645
427	3	LDR Biased	50.235	51.227	0.9929
428	3	LDR Biased	51.892	53.207	1.3156
429	3	LDR Unbiased	51.35	52.544	1.1941
430	3	LDR Unbiased	51.073	52.228	1.155
431	3	LDR Unbiased	49.848	50.93	1.0822
432	3	LDR Unbiased	51.915	53.065	1.1505
433	3	LDR Unbiased	51.522	52.714	1.1916
1259	10	LDR Biased	52.178	51.743	-0.4353
1426	10	LDR Biased	52.073	51.872	-0.2014
1427	10	LDR Biased	50.235	49.764	-0.4702
1428	10	LDR Biased	51.892	51.604	-0.2876
1429	10	LDR Unbiased	51.35	51.056	-0.2941
1430	10	LDR Unbiased	51.073	50.862	-0.211
1431	10	LDR Unbiased	49.848	49.462	-0.3856
1432	10	LDR Unbiased	51.915	51.548	-0.3671
1433	10	LDR Unbiased	51.522	51.158	-0.3642
2434	30	LDR Biased	51.168	51.34	0.1719
2435	30	LDR Biased	50.372	50.721	0.3485
2436	30	LDR Biased	51.215	51.382	0.1674
2437	30	LDR Biased	51.813	51.955	0.142
2438	30	LDR Biased	51.629	51.517	-0.1117
2439	30	LDR Unbiased	50.733	51.017	0.2839
2440	30	LDR Unbiased	51.095	50.996	-0.0987
2441	30	LDR Unbiased	51.549	51.617	0.0681
2443	30	LDR Unbiased	50.925	51.264	0.3392
2444	30	LDR Unbiased	51.995	51.933	-0.062
3434	50	LDR Biased	51.168	50.593	-0.5752
3435	50	LDR Biased	50.372	50.247	-0.1248
3436	50	LDR Biased	51.215	51.023	-0.1918
3437	50	LDR Biased	51.813	51.743	-0.07
3438	50	LDR Biased	51.629	51.402	-0.2265
3439	50	LDR Unbiased	50.733	50.472	-0.2614
3440	50	LDR Unbiased	51.095	50.77	-0.3246
3441	50	LDR Unbiased	51.549	51.464	-0.0846
3443	50	LDR Unbiased	50.925	50.566	-0.3589
3444	50	LDR Unbiased	51.995	51.416	-0.579
4434	100	LDR Biased	51.168	49.998	-1.1698
4435	100	LDR Biased	50.372	49.72	-0.6517
4436	100	LDR Biased	51.215	50.301	-0.9136
4437	100	LDR Biased	51.813	51.488	-0.3249
4438	100	LDR Biased	51.629	50.288	-1.3405
4439	100	LDR Unbiased	50.733	49.57	-1.1629
4440	100	LDR Unbiased	51.095	49.733	-1.3618
4441	100	LDR Unbiased	51.549	50.085	-1.4636
4443	100	LDR Unbiased	50.925	50.076	-0.8484
4444	100	LDR Unbiased	51.995	50.689	-1.306
4500	150	LDR Biased	52.451	51.404	-1.0465
4501	150	LDR Biased	52.051	50.488	-1.5635
4502	150	LDR Biased	51.326	50.07	-1.2559
4503	150	LDR Biased	52.692	51.2	-1.4923
4504	150	LDR Biased	51.491	50.405	-1.0866
4505	150	LDR Unbiased	51.538	50.499	-1.0393
4506	150	LDR Unbiased	51.494	50.239	-1.2552
4507	150	LDR Unbiased	51.252	49.532	-1.7201
4508	150	LDR Unbiased	50.945	49.389	-1.5564
4509	150	LDR Unbiased	51.388	49.851	-1.5367

TID vs Post - Pre Exposure Delta

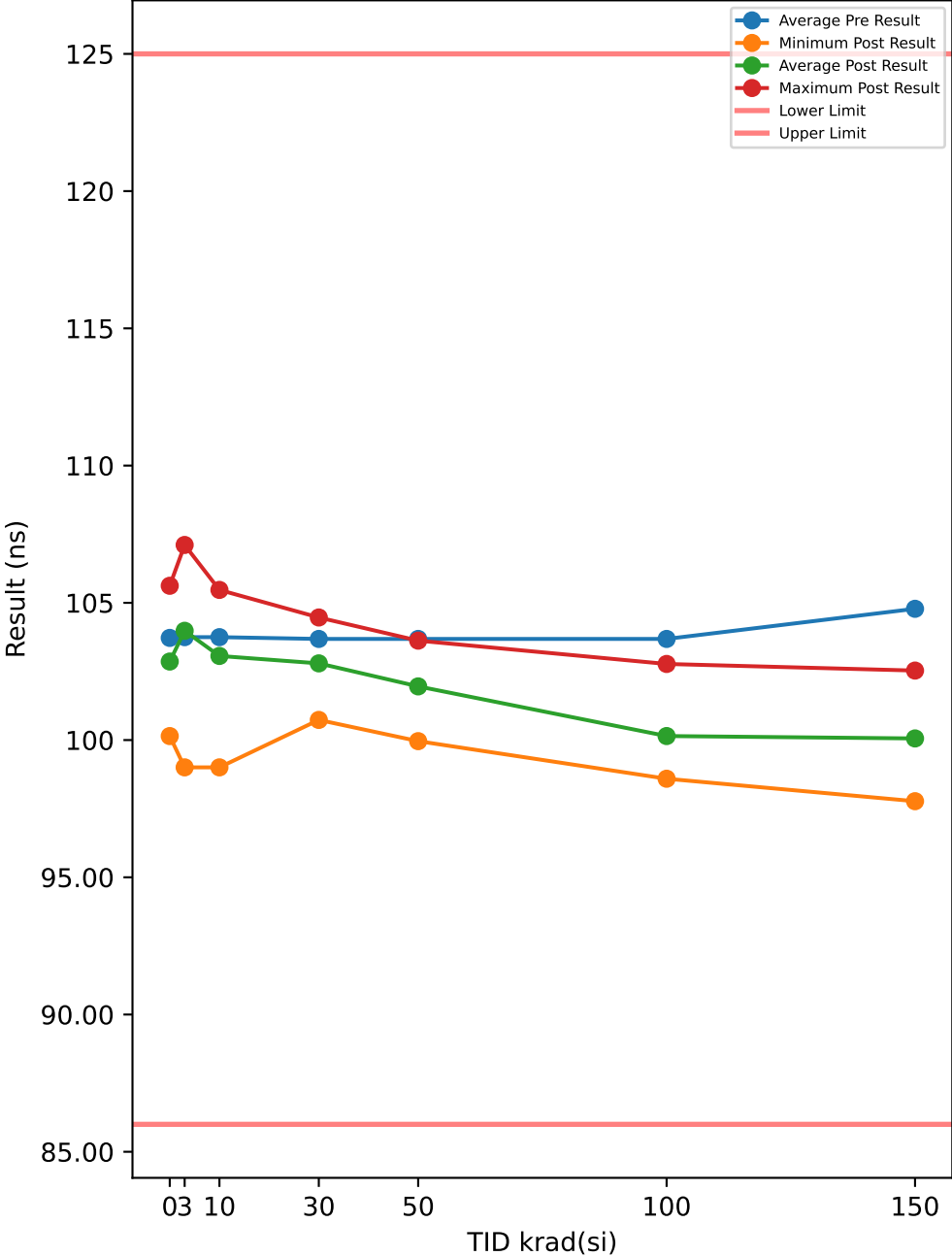


Test Statistics (ns)

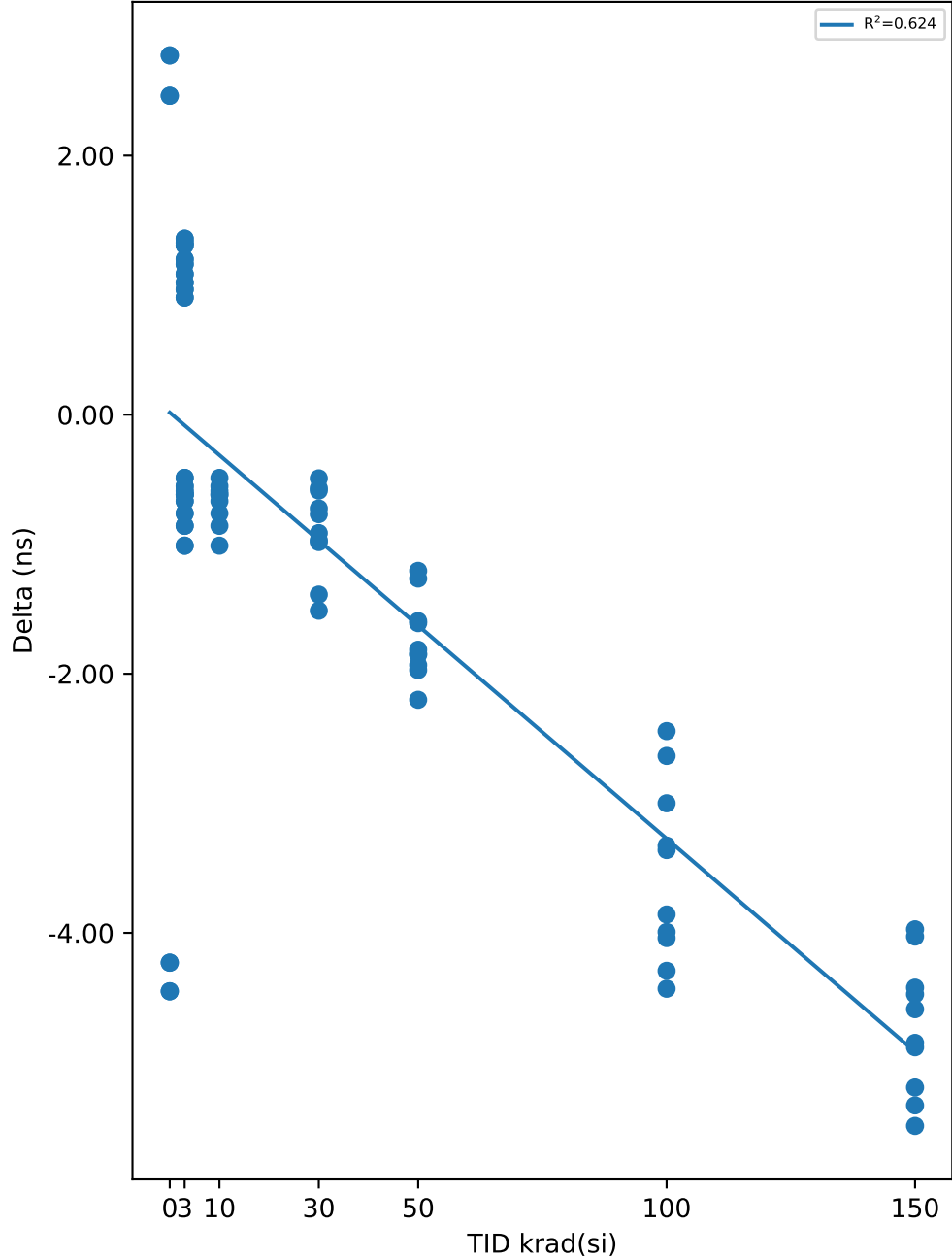
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	50.925	51.237	51.549	0.44131	50.21	51.319	52.427	1.5675	-1.3387	0.08175	1.5022	2.0088
3	49.848	51.343	52.178	0.82368	50.93	52.509	53.429	0.89665	0.9929	1.1664	1.3156	0.092454
10	49.848	51.343	52.178	0.82368	49.462	51.008	51.872	0.85983	-0.4702	-0.33517	-0.2014	0.093493
30	50.372	51.249	51.995	0.50339	50.721	51.374	51.955	0.40005	-0.1117	0.12486	0.3485	0.17309
50	50.372	51.249	51.995	0.50339	50.247	50.97	51.743	0.51061	-0.579	-0.27968	-0.07	0.18322
100	50.372	51.249	51.995	0.50339	49.57	50.195	51.488	0.5608	-1.4636	-1.0543	-0.3249	0.36344
150	50.945	51.663	52.692	0.55552	49.389	50.308	51.404	0.64913	-1.7201	-1.3553	-1.0393	0.24852

Device Test: 95.33 DHL Dead Time Max 2MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



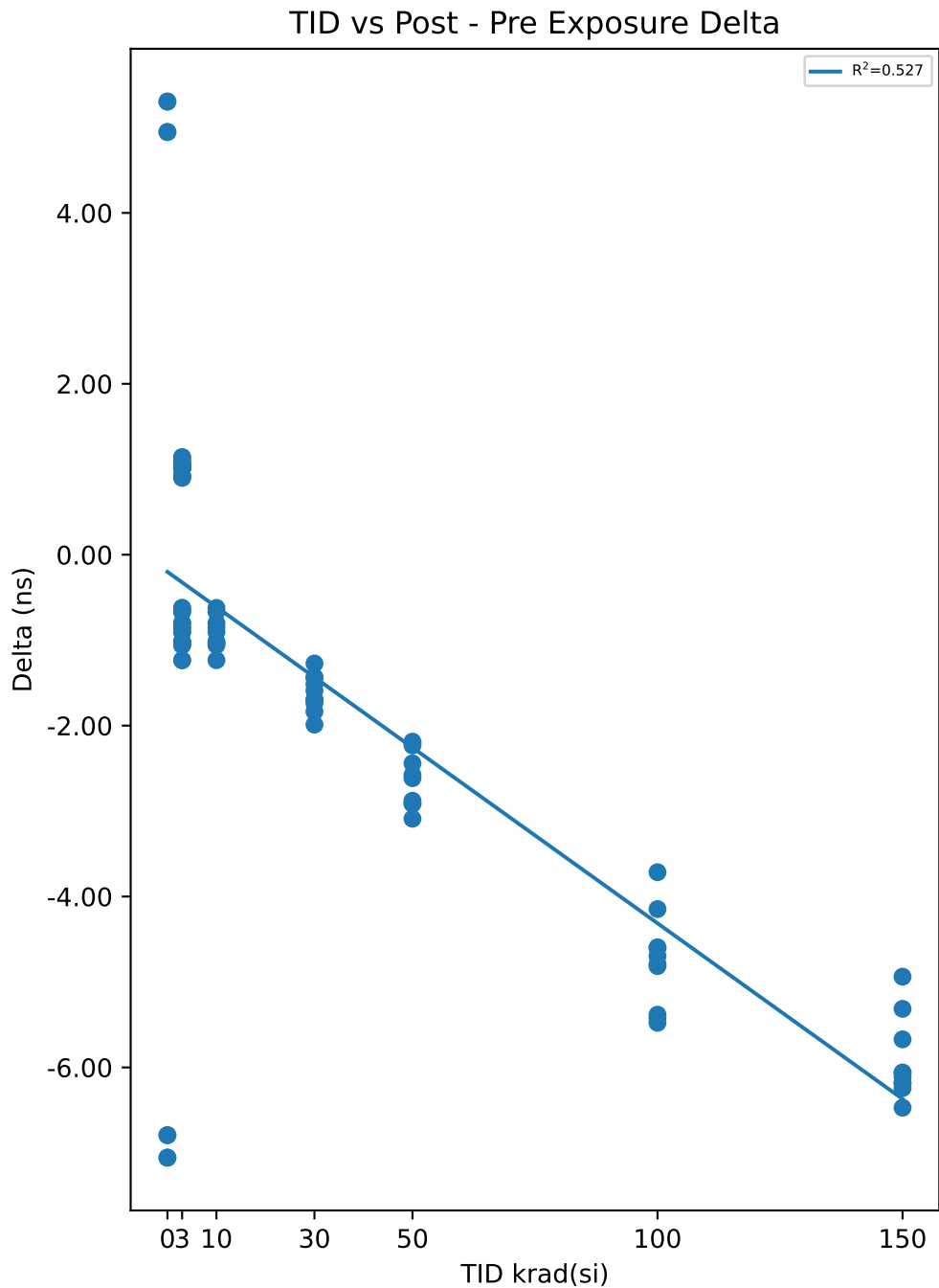
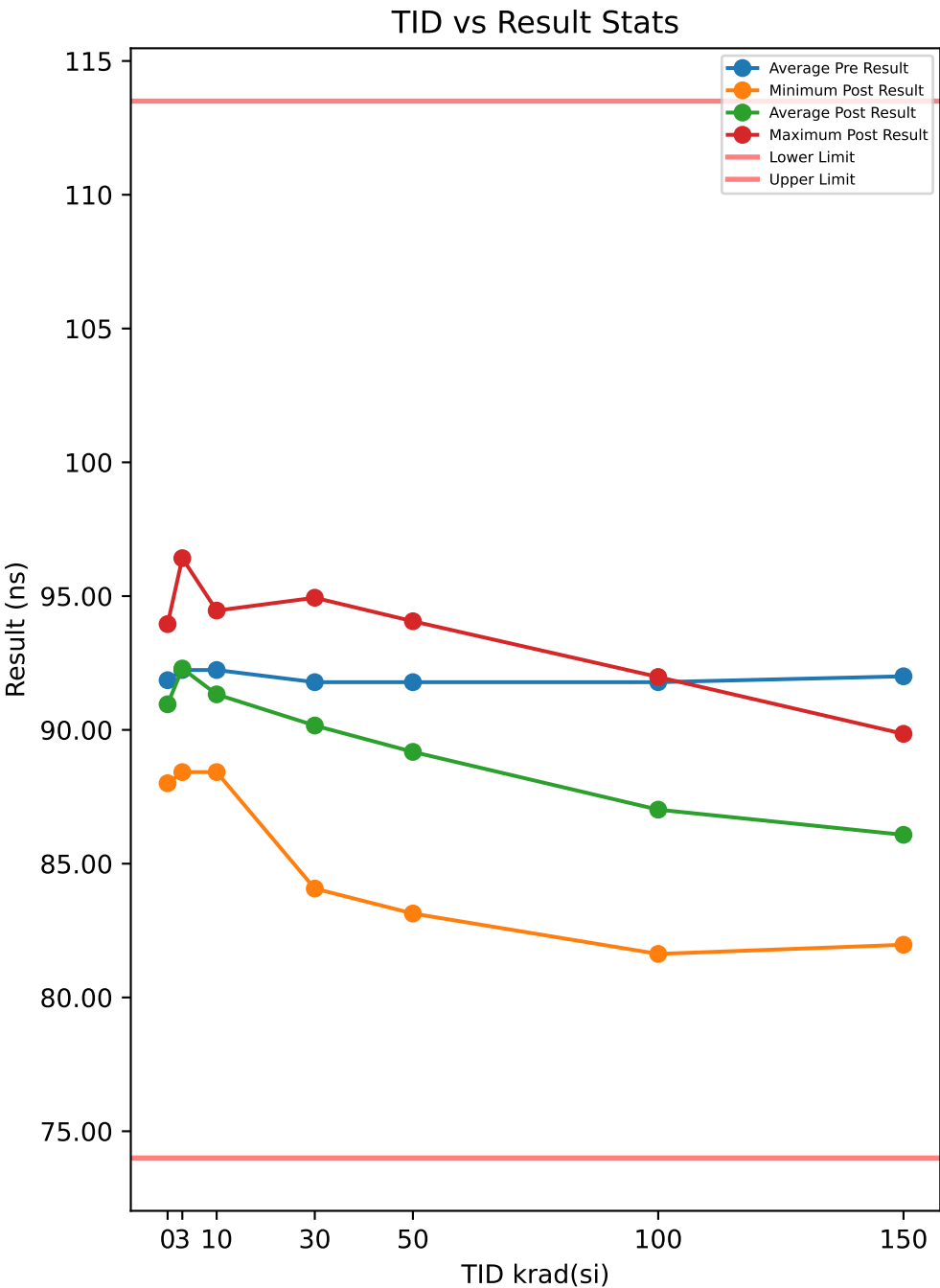
Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	104.6	100.15	-4.451
2	0	CORRELATION	102.85	105.31	2.4617
259	3	LDR Biased	105.71	107.07	1.3587
426	3	LDR Biased	106.02	107.11	1.0859
427	3	LDR Biased	100.16	101.07	0.9039
428	3	LDR Biased	104.79	106.12	1.3271
429	3	LDR Unbiased	104.21	105.52	1.3077
430	3	LDR Unbiased	102.57	103.54	0.9671
431	3	LDR Unbiased	99.767	100.97	1.2004
432	3	LDR Unbiased	105.76	106.92	1.1619
433	3	LDR Unbiased	104.75	105.77	1.0191
1259	10	LDR Biased	105.71	105.04	-0.6679
1426	10	LDR Biased	106.02	105.47	-0.5519
1427	10	LDR Biased	100.16	99.304	-0.8579
1428	10	LDR Biased	104.79	104.18	-0.615
1429	10	LDR Unbiased	104.21	103.59	-0.6197
1430	10	LDR Unbiased	102.57	102.09	-0.4878
1431	10	LDR Unbiased	99.767	99.005	-0.7621
1432	10	LDR Unbiased	105.76	105.17	-0.5896
1433	10	LDR Unbiased	104.75	103.74	-1.0112
2434	30	LDR Biased	103.52	102.94	-0.5858
2435	30	LDR Biased	101.23	100.73	-0.4915
2436	30	LDR Biased	103.91	103.14	-0.7678
2437	30	LDR Biased	105.22	104.25	-0.9695
2438	30	LDR Biased	104.05	103.14	-0.9142
2439	30	LDR Unbiased	102.39	101.66	-0.7242
2440	30	LDR Unbiased	103.64	102.13	-1.5131
2441	30	LDR Unbiased	104.6	103.21	-1.3889
2443	30	LDR Unbiased	102.85	102.28	-0.5672
2444	30	LDR Unbiased	105.45	104.47	-0.9832
3434	50	LDR Biased	103.52	101.71	-1.8146
3435	50	LDR Biased	101.23	99.96	-1.2651
3436	50	LDR Biased	103.91	102.7	-1.2055
3437	50	LDR Biased	105.22	103.62	-1.5932
3438	50	LDR Biased	104.05	102.12	-1.9331
3439	50	LDR Unbiased	102.39	100.78	-1.6089
3440	50	LDR Unbiased	103.64	101.67	-1.9713
3441	50	LDR Unbiased	104.6	102.75	-1.8467
3443	50	LDR Unbiased	102.85	101	-1.8525
3444	50	LDR Unbiased	105.45	103.25	-2.2007
4434	100	LDR Biased	103.52	99.665	-3.8582
4435	100	LDR Biased	101.23	98.591	-2.6341
4436	100	LDR Biased	103.91	100.55	-3.361
4437	100	LDR Biased	105.22	102.77	-2.4425
4438	100	LDR Biased	104.05	100.06	-3.9932
4439	100	LDR Unbiased	102.39	99.059	-3.3271
4440	100	LDR Unbiased	103.64	99.348	-4.293
4441	100	LDR Unbiased	104.6	100.17	-4.4312
4443	100	LDR Unbiased	102.85	99.848	-2.9998
4444	100	LDR Unbiased	105.45	101.41	-4.0402
4500	150	LDR Biased	106.56	102.53	-4.0286
4501	150	LDR Biased	106.14	100.65	-5.49
4502	150	LDR Biased	104.54	99.688	-4.8491
4503	150	LDR Biased	106.9	101.7	-5.1934
4504	150	LDR Biased	103.87	99.4	-4.4742
4505	150	LDR Unbiased	104.94	100.96	-3.9725
4506	150	LDR Unbiased	103.83	99.24	-4.5891
4507	150	LDR Unbiased	103.1	97.772	-5.3316
4508	150	LDR Unbiased	103.64	98.762	-4.8829
4509	150	LDR Unbiased	104.3	99.879	-4.4229

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	102.85	103.72	104.6	1.2363	100.15	102.73	105.31	3.6517	-4.451	-0.99465	2.4617	4.888
3	99.767	103.75	106.02	2.3836	100.97	104.9	107.11	2.457	0.9039	1.148	1.3587	0.16496
10	99.767	103.75	106.02	2.3836	99.005	103.06	105.47	2.4411	-1.0112	-0.68479	-0.4878	0.16485
30	101.23	103.68	105.45	1.2882	100.73	102.79	104.47	1.1336	-1.5131	-0.89054	-0.4915	0.34168
50	101.23	103.68	105.45	1.2882	99.96	101.96	103.62	1.1596	-2.2007	-1.7292	-1.2055	0.31295
100	101.23	103.68	105.45	1.2882	98.591	100.15	102.77	1.2121	-4.4312	-3.538	-2.4425	0.69221
150	103.1	104.78	106.9	1.3179	97.772	100.06	102.53	1.4209	-5.49	-4.7234	-3.9725	0.52034

Device Test: 95.4 DLH Dead Time Max 500kHz VIN_10V

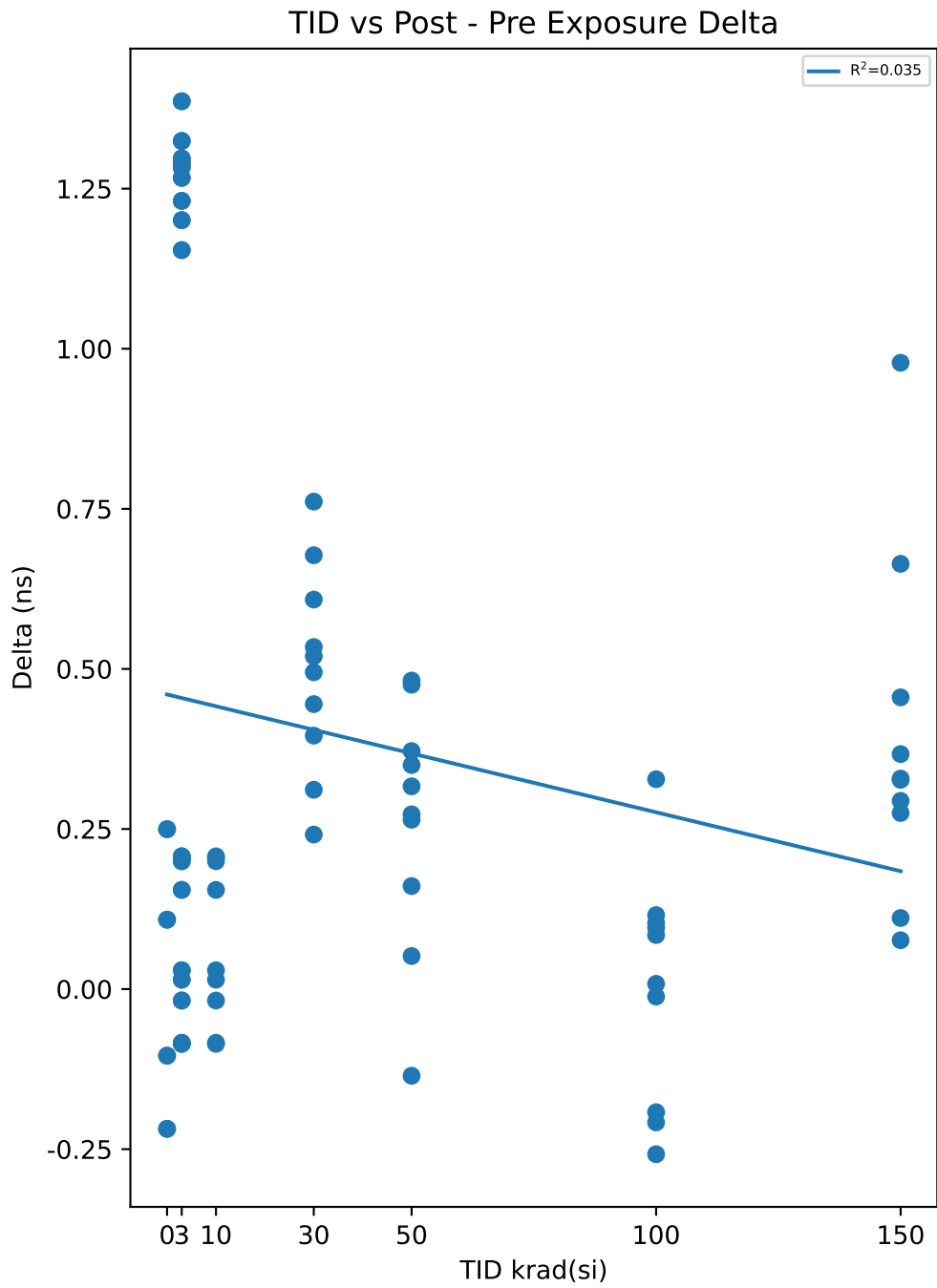
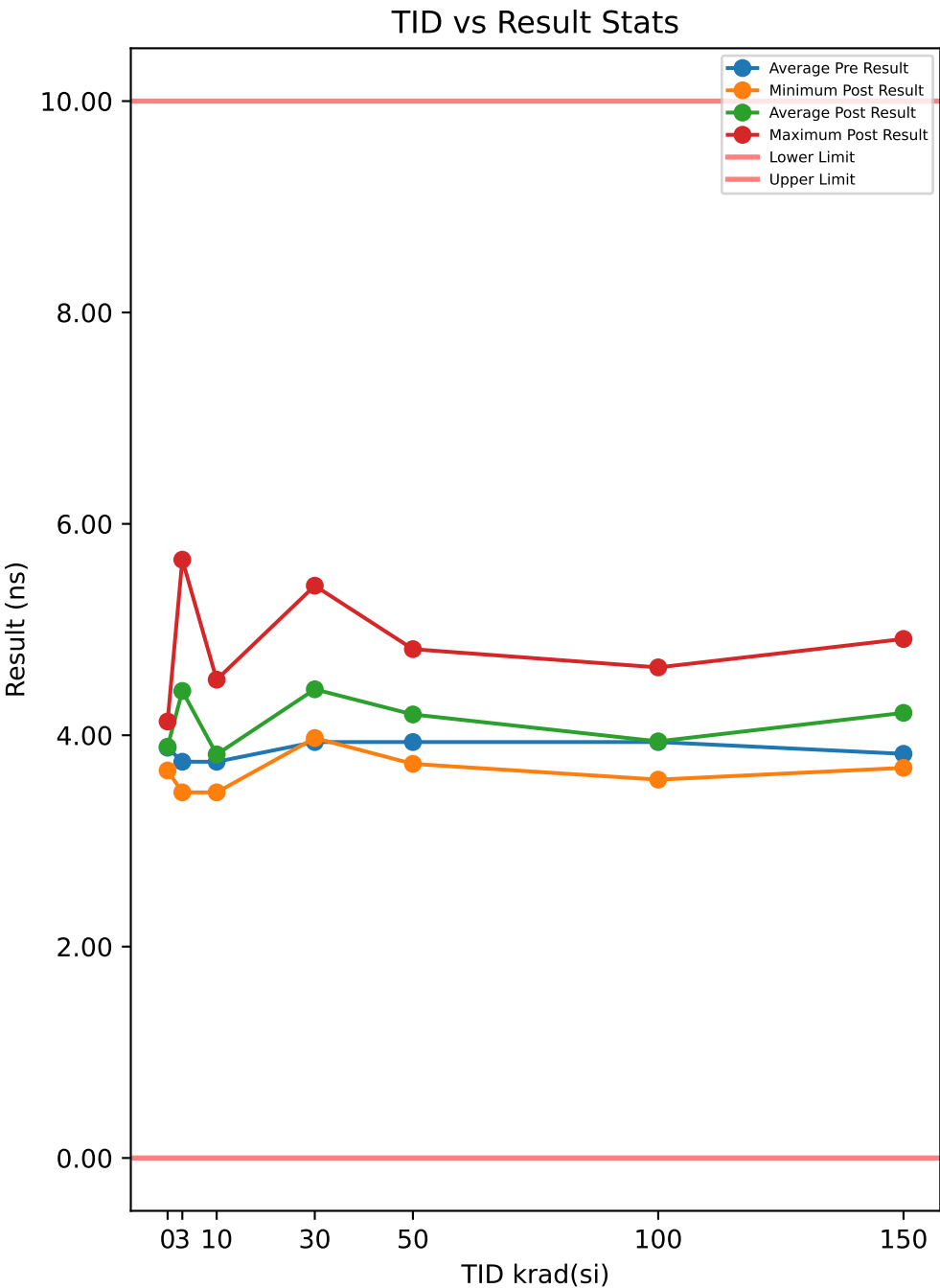


Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	95.061	88.005	-7.056
2	0	CORRELATION	88.65	93.597	4.9468
259	3	LDR Biased	92.425	93.444	1.0187
426	3	LDR Biased	91.496	92.557	1.0617
427	3	LDR Biased	92.705	93.846	1.1408
428	3	LDR Biased	90.302	91.317	1.0155
429	3	LDR Unbiased	89.439	90.446	1.0074
430	3	LDR Unbiased	95.517	96.417	0.9005
431	3	LDR Unbiased	94.204	95.295	1.0907
432	3	LDR Unbiased	90.187	91.232	1.045
433	3	LDR Unbiased	93.863	94.79	0.9268
1259	10	LDR Biased	92.425	91.574	-0.8513
1426	10	LDR Biased	91.496	90.591	-0.9048
1427	10	LDR Biased	92.705	92.038	-0.6673
1428	10	LDR Biased	90.302	89.266	-1.0361
1429	10	LDR Unbiased	89.439	88.422	-1.0167
1430	10	LDR Unbiased	95.517	94.458	-1.0584
1431	10	LDR Unbiased	94.204	93.405	-0.7992
1432	10	LDR Unbiased	90.187	89.564	-0.6226
1433	10	LDR Unbiased	93.863	92.628	-1.2346
2434	30	LDR Biased	87.694	86.261	-1.4326
2435	30	LDR Biased	95.507	93.992	-1.5154
2436	30	LDR Biased	85.342	84.069	-1.273
2437	30	LDR Biased	93.099	91.509	-1.5902
2438	30	LDR Biased	92.463	91.021	-1.4418
2439	30	LDR Unbiased	94.57	92.871	-1.6989
2440	30	LDR Unbiased	96.675	94.939	-1.7361
2441	30	LDR Unbiased	95.061	93.072	-1.9884
2443	30	LDR Unbiased	88.65	86.815	-1.8352
2444	30	LDR Unbiased	88.773	87.079	-1.6934
3434	50	LDR Biased	87.694	85.462	-2.232
3435	50	LDR Biased	95.507	93.319	-2.1878
3436	50	LDR Biased	85.342	83.136	-2.2052
3437	50	LDR Biased	93.099	90.522	-2.5775
3438	50	LDR Biased	92.463	90.021	-2.4417
3439	50	LDR Unbiased	94.57	91.656	-2.9138
3440	50	LDR Unbiased	96.675	94.06	-2.6147
3441	50	LDR Unbiased	95.061	91.971	-3.0898
3443	50	LDR Unbiased	88.65	85.74	-2.9106
3444	50	LDR Unbiased	88.773	85.893	-2.8794
4434	100	LDR Biased	87.694	83.099	-4.5942
4435	100	LDR Biased	95.507	90.903	-4.6042
4436	100	LDR Biased	85.342	81.626	-3.7159
4437	100	LDR Biased	93.099	88.952	-4.1472
4438	100	LDR Biased	92.463	86.985	-5.4782
4439	100	LDR Unbiased	94.57	89.187	-5.3831
4440	100	LDR Unbiased	96.675	91.977	-4.6977
4441	100	LDR Unbiased	95.061	89.636	-5.4244
4443	100	LDR Unbiased	88.65	83.862	-4.789
4444	100	LDR Unbiased	88.773	83.958	-4.8144
4500	150	LDR Biased	86.907	81.969	-4.9381
4501	150	LDR Biased	94.989	88.801	-6.1879
4502	150	LDR Biased	94.197	88.526	-5.6715
4503	150	LDR Biased	95.193	88.721	-6.4715
4504	150	LDR Biased	88.341	83.026	-5.3145
4505	150	LDR Unbiased	90.837	84.777	-6.0596
4506	150	LDR Unbiased	90.411	84.231	-6.1796
4507	150	LDR Unbiased	89.058	82.995	-6.0638
4508	150	LDR Unbiased	95.963	89.852	-6.1118
4509	150	LDR Unbiased	94.127	87.885	-6.2417

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	88.65	91.856	95.061	4.5328	88.005	90.801	93.597	3.9545	-7.056	-1.0546	4.9468	8.4873
3	89.439	92.237	95.517	2.0571	90.446	93.26	96.417	2.0349	0.9005	1.023	1.1408	0.075017
10	89.439	92.237	95.517	2.0571	88.422	91.327	94.458	2.0224	-1.2346	-0.91011	-0.6226	0.19746
30	85.342	91.783	96.675	3.8815	84.069	90.163	94.939	3.7844	-1.9884	-1.6205	-1.273	0.21245
50	85.342	91.783	96.675	3.8815	83.136	89.178	94.06	3.8059	-3.0898	-2.6052	-2.1878	0.33327
100	85.342	91.783	96.675	3.8815	81.626	87.019	91.977	3.6323	-5.4782	-4.7648	-3.7159	0.56474
150	86.907	92.002	95.963	3.2667	81.969	86.078	89.852	2.9572	-6.4715	-5.924	-4.9381	0.4733

Device Test: 95.5 DLH Dead Time Min 1MHz VIN_10V



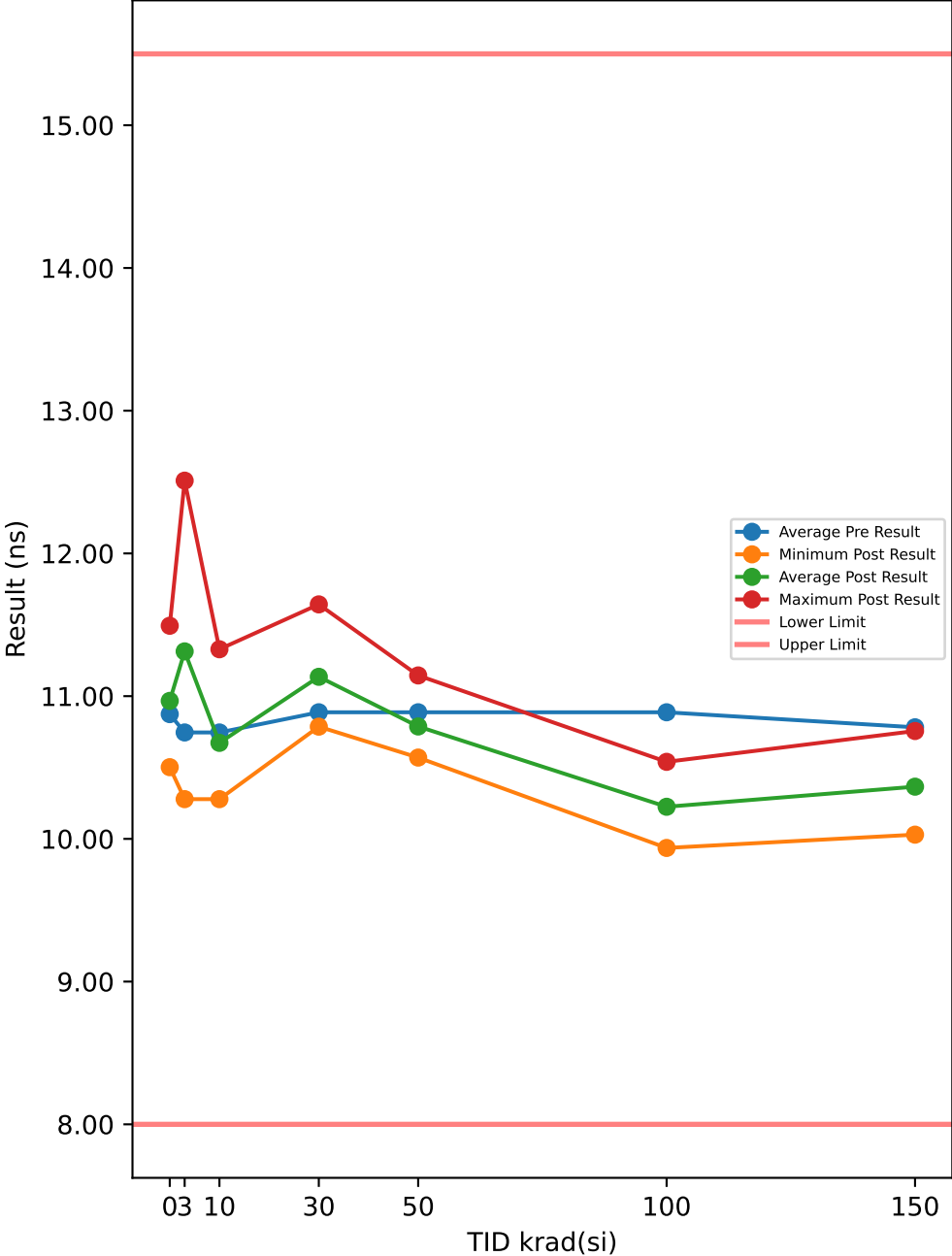
Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8802	3.7762	-0.104
2	0	CORRELATION	3.8844	3.6662	-0.2182
259	3	LDR Biased	3.4914	4.8158	1.3244
426	3	LDR Biased	3.6859	4.9832	1.2973
427	3	LDR Biased	3.4848	4.8713	1.3865
428	3	LDR Biased	3.7304	4.8844	1.154
429	3	LDR Unbiased	3.7642	4.9649	1.2007
430	3	LDR Unbiased	3.7706	5.0015	1.2309
431	3	LDR Unbiased	3.9993	5.2825	1.2832
432	3	LDR Unbiased	4.3705	5.6608	1.2903
433	3	LDR Unbiased	3.4446	4.7115	1.2669
1259	10	LDR Biased	3.4914	3.6964	0.205
1426	10	LDR Biased	3.6859	3.668	-0.0179
1427	10	LDR Biased	3.4848	3.6921	0.2073
1428	10	LDR Biased	3.7304	3.6465	-0.0839
1429	10	LDR Unbiased	3.7642	3.6787	-0.0855
1430	10	LDR Unbiased	3.7706	3.8	0.0294
1431	10	LDR Unbiased	3.9993	4.199	0.1997
1432	10	LDR Unbiased	4.3705	4.5254	0.1549
1433	10	LDR Unbiased	3.4446	3.4593	0.0147
2434	30	LDR Biased	4.0941	4.5889	0.4948
2435	30	LDR Biased	3.9896	4.4346	0.445
2436	30	LDR Biased	4.6536	5.4149	0.7613
2437	30	LDR Biased	3.905	4.3008	0.3958
2438	30	LDR Biased	4.0947	4.336	0.2413
2439	30	LDR Unbiased	3.4644	4.0727	0.6083
2440	30	LDR Unbiased	3.454	3.9738	0.5198
2441	30	LDR Unbiased	3.8802	4.1915	0.3113
2443	30	LDR Unbiased	3.8844	4.4186	0.5342
2444	30	LDR Unbiased	3.9354	4.6129	0.6775
3434	50	LDR Biased	4.0941	4.5694	0.4753
3435	50	LDR Biased	3.9896	4.2625	0.2729
3436	50	LDR Biased	4.6536	4.8145	0.1609
3437	50	LDR Biased	3.905	3.9566	0.0516
3438	50	LDR Biased	4.0947	3.9593	-0.1354
3439	50	LDR Unbiased	3.4644	3.7289	0.2645
3440	50	LDR Unbiased	3.454	3.8257	0.3717
3441	50	LDR Unbiased	3.8802	4.1968	0.3166
3443	50	LDR Unbiased	3.8844	4.3662	0.4818
3444	50	LDR Unbiased	3.9354	4.2853	0.3499
4434	100	LDR Biased	4.0941	4.1899	0.0958
4435	100	LDR Biased	3.9896	3.7973	-0.1923
4436	100	LDR Biased	4.6536	4.6419	-0.0117
4437	100	LDR Biased	3.905	3.6968	-0.2082
4438	100	LDR Biased	4.0947	3.8368	-0.2579
4439	100	LDR Unbiased	3.4644	3.5799	0.1155
4440	100	LDR Unbiased	3.454	3.7817	0.3277
4441	100	LDR Unbiased	3.8802	3.9646	0.0844
4443	100	LDR Unbiased	3.8844	3.9875	0.1031
4444	100	LDR Unbiased	3.9354	3.9436	0.0082
4500	150	LDR Biased	4.5438	4.9108	0.367
4501	150	LDR Biased	3.3975	3.6914	0.2939
4502	150	LDR Biased	3.5754	3.8504	0.275
4503	150	LDR Biased	3.9465	4.0575	0.111
4504	150	LDR Biased	4.2778	4.3541	0.0763
4505	150	LDR Unbiased	4.2762	4.6049	0.3287
4506	150	LDR Unbiased	4.1523	4.4791	0.3268
4507	150	LDR Unbiased	3.7957	4.2513	0.4556
4508	150	LDR Unbiased	2.9728	3.9509	0.9781
4509	150	LDR Unbiased	3.3023	3.9664	0.6641

Test Statistics (ns)

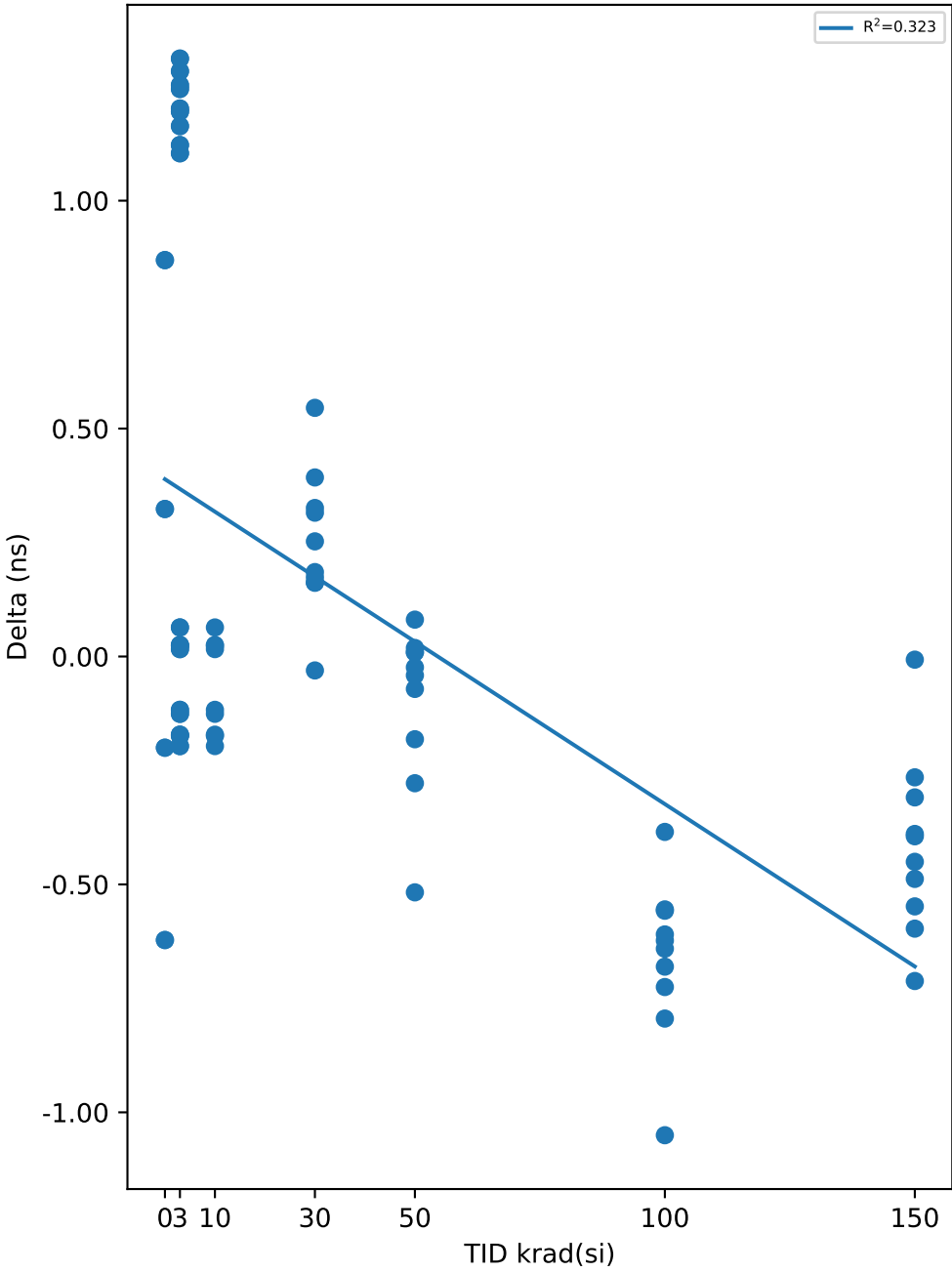
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.8802	3.8823	3.8844	0.0029698	3.6662	3.7212	3.7762	0.077782	-0.2182	-0.1611	-0.104	0.080752
3	3.4446	3.7491	4.3705	0.29214	4.7115	5.0195	5.6608	0.28758	1.154	1.2705	1.3865	0.06861
10	3.4446	3.7491	4.3705	0.29214	3.4593	3.8184	4.5254	0.33101	-0.0855	0.0693	0.2073	0.12319
30	3.454	3.9355	4.6536	0.33821	3.9738	4.4345	5.4149	0.40095	0.2413	0.49893	0.7613	0.15969
50	3.454	3.9355	4.6536	0.33821	3.7289	4.1965	4.8145	0.33862	-0.1354	0.26098	0.4818	0.19122
100	3.454	3.9355	4.6536	0.33821	3.5799	3.942	4.6419	0.29867	-0.2579	0.00646	0.3277	0.18083
150	2.9728	3.824	4.5438	0.5047	3.6914	4.2117	4.9108	0.37858	0.0763	0.38765	0.9781	0.26504

Device Test: 95.6 DLH Dead Time Small 1MHz VIN_10V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

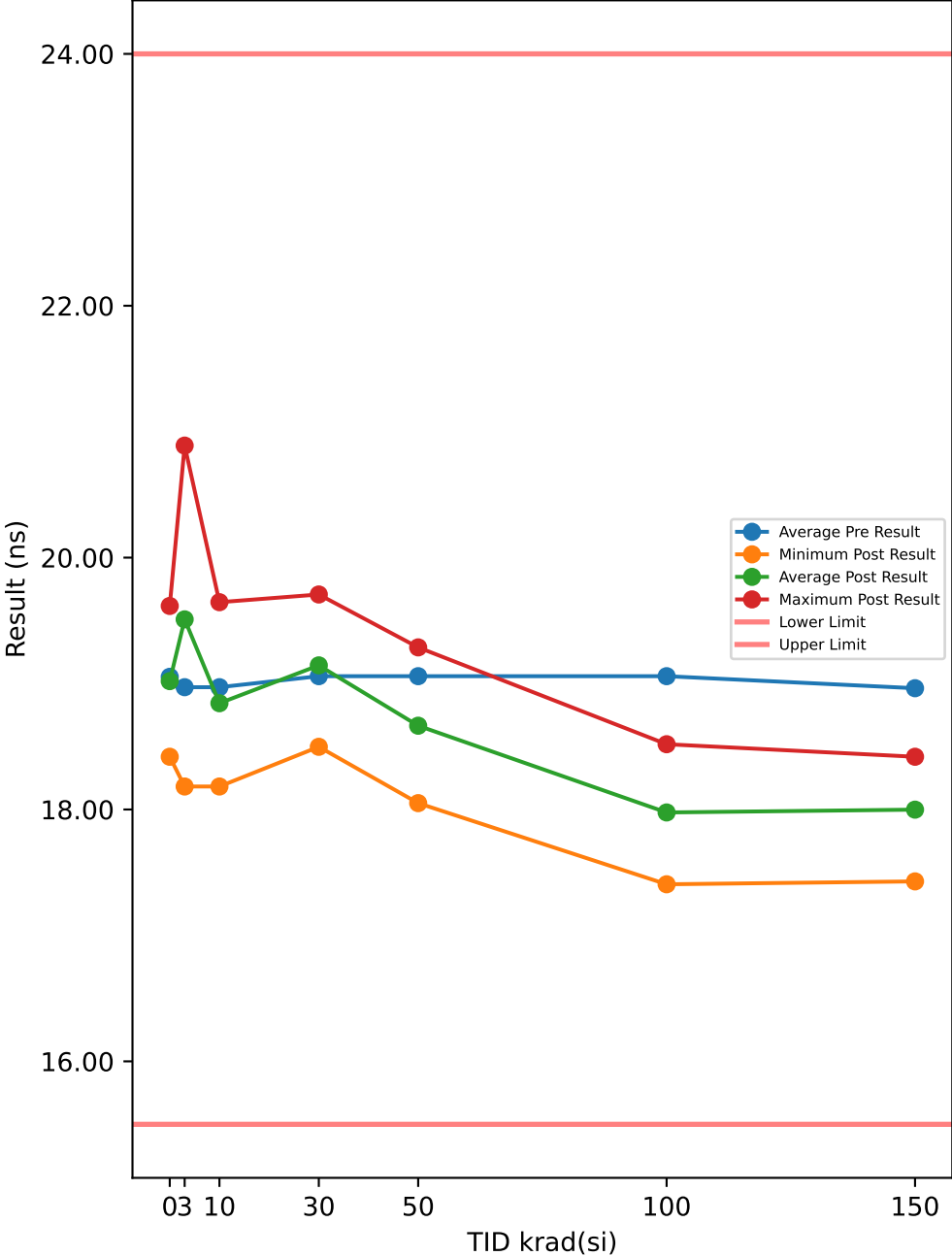
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.124	10.502	-0.622
2	0	CORRELATION	10.624	10.947	0.3236
259	3	LDR Biased	10.583	11.747	1.1636
426	3	LDR Biased	10.765	12.018	1.2536
427	3	LDR Biased	10.687	11.998	1.3116
428	3	LDR Biased	10.475	11.579	1.104
429	3	LDR Unbiased	10.441	11.562	1.122
430	3	LDR Unbiased	10.947	12.143	1.1954
431	3	LDR Unbiased	11.265	12.51	1.2451
432	3	LDR Unbiased	11.032	12.316	1.284
433	3	LDR Unbiased	10.517	11.719	1.2021
1259	10	LDR Biased	10.583	10.607	0.0235
1426	10	LDR Biased	10.765	10.591	-0.1741
1427	10	LDR Biased	10.687	10.703	0.0162
1428	10	LDR Biased	10.475	10.278	-0.1965
1429	10	LDR Unbiased	10.441	10.323	-0.117
1430	10	LDR Unbiased	10.947	10.776	-0.1715
1431	10	LDR Unbiased	11.265	11.329	0.0637
1432	10	LDR Unbiased	11.032	11.057	0.0254
1433	10	LDR Unbiased	10.517	10.391	-0.1257
2434	30	LDR Biased	10.751	11.004	0.2526
2435	30	LDR Biased	11.216	11.401	0.1852
2436	30	LDR Biased	11.097	11.643	0.5455
2437	30	LDR Biased	10.921	11.082	0.1617
2438	30	LDR Biased	11.216	11.185	-0.0306
2439	30	LDR Unbiased	10.611	10.937	0.3258
2440	30	LDR Unbiased	10.693	11.009	0.3155
2441	30	LDR Unbiased	11.124	11.298	0.1738
2443	30	LDR Unbiased	10.624	10.786	0.1627
2444	30	LDR Unbiased	10.617	11.01	0.3928
3434	50	LDR Biased	10.751	10.832	0.0809
3435	50	LDR Biased	11.216	11.145	-0.0711
3436	50	LDR Biased	11.097	11.116	0.0187
3437	50	LDR Biased	10.921	10.739	-0.1815
3438	50	LDR Biased	11.216	10.698	-0.5174
3439	50	LDR Unbiased	10.611	10.57	-0.0414
3440	50	LDR Unbiased	10.693	10.669	-0.0238
3441	50	LDR Unbiased	11.124	10.846	-0.278
3443	50	LDR Unbiased	10.624	10.633	0.0089
3444	50	LDR Unbiased	10.617	10.627	0.0097
4434	100	LDR Biased	10.751	10.128	-0.6231
4435	100	LDR Biased	11.216	10.422	-0.7943
4436	100	LDR Biased	11.097	10.54	-0.5577
4437	100	LDR Biased	10.921	10.195	-0.7251
4438	100	LDR Biased	11.216	10.166	-1.0502
4439	100	LDR Unbiased	10.611	9.97	-0.641
4440	100	LDR Unbiased	10.693	10.308	-0.3848
4441	100	LDR Unbiased	11.124	10.515	-0.6097
4443	100	LDR Unbiased	10.624	10.069	-0.5548
4444	100	LDR Unbiased	10.617	9.9364	-0.6804
4500	150	LDR Biased	11.145	10.756	-0.3893
4501	150	LDR Biased	10.627	10.03	-0.597
4502	150	LDR Biased	10.617	10.222	-0.3944
4503	150	LDR Biased	11.221	10.509	-0.7119
4504	150	LDR Biased	10.915	10.427	-0.4879
4505	150	LDR Unbiased	11.186	10.638	-0.5482
4506	150	LDR Unbiased	10.817	10.367	-0.4504
4507	150	LDR Unbiased	10.54	10.231	-0.3091
4508	150	LDR Unbiased	10.246	10.239	-0.0069
4509	150	LDR Unbiased	10.504	10.239	-0.2651

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	10.624	10.874	11.124	0.35405	10.502	10.725	10.947	0.31459	-0.622	-0.1492	0.3236	0.66864
3	10.441	10.746	11.265	0.28313	11.562	11.955	12.51	0.33053	1.104	1.209	1.3116	0.071003
10	10.441	10.746	11.265	0.28313	10.278	10.673	11.329	0.34595	-0.1965	-0.072889	0.0637	0.1034
30	10.611	10.887	11.216	0.25662	10.786	11.135	11.643	0.25178	-0.0306	0.2485	0.5455	0.15702
50	10.611	10.887	11.216	0.25662	10.57	10.787	11.145	0.20081	-0.5174	-0.0995	0.0809	0.18053
100	10.611	10.887	11.216	0.25662	9.9364	10.225	10.54	0.21475	-1.0502	-0.66211	-0.3848	0.17525
150	10.246	10.782	11.221	0.3302	10.03	10.366	10.756	0.21968	-0.7119	-0.41602	-0.0069	0.19632

Device Test: 95.7 DLH Dead Time Mid 1MHz VIN_10V

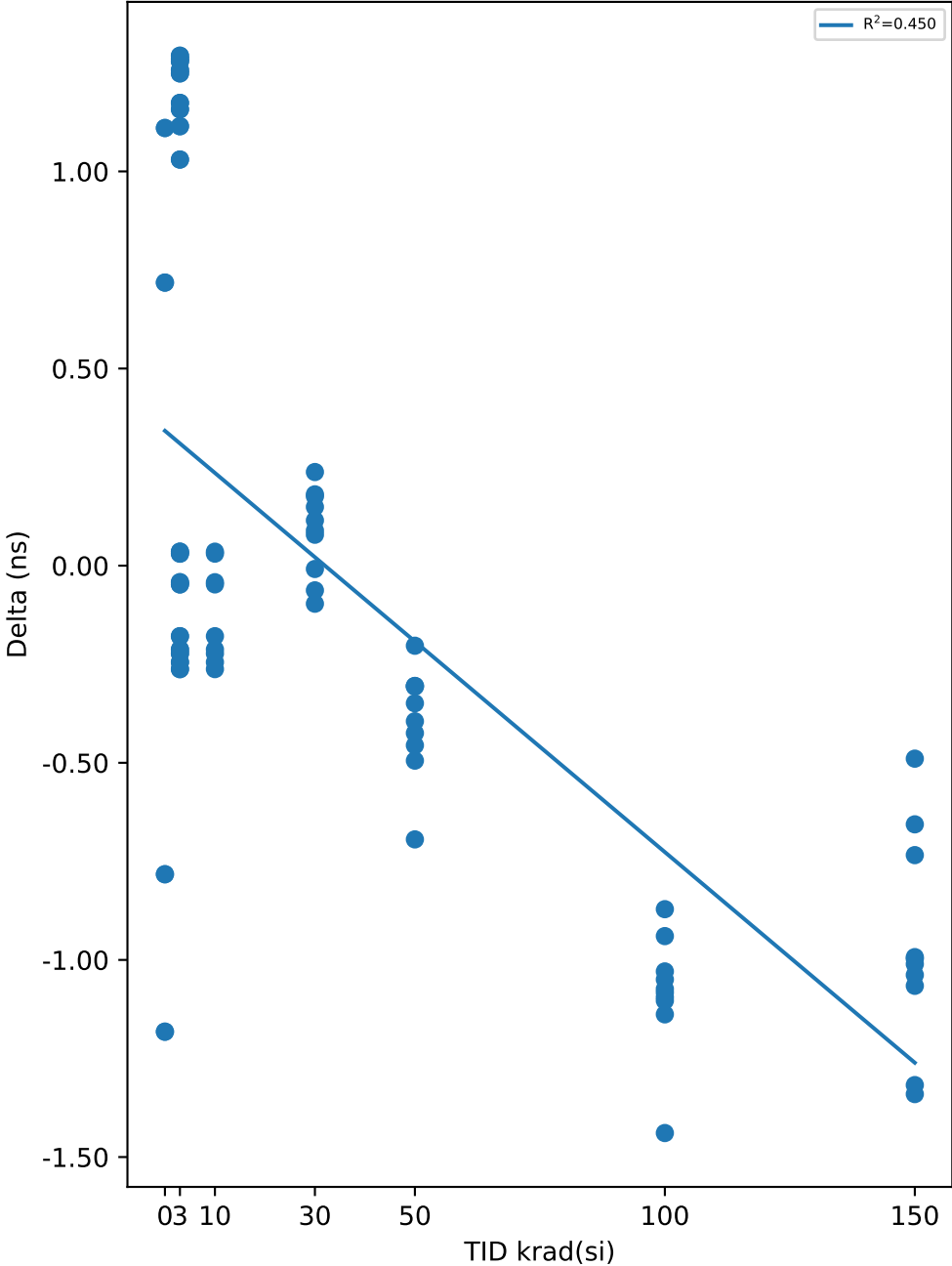
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.601	18.419	-1.182
2	0	CORRELATION	18.506	19.224	0.718
259	3	LDR Biased	18.822	20.071	1.2487
426	3	LDR Biased	19.085	20.37	1.2853
427	3	LDR Biased	19.033	20.326	1.2934
428	3	LDR Biased	18.489	19.604	1.1147
429	3	LDR Unbiased	18.445	19.475	1.0301
430	3	LDR Unbiased	19.416	20.574	1.1575
431	3	LDR Unbiased	19.61	20.89	1.2791
432	3	LDR Unbiased	18.969	20.142	1.1738
433	3	LDR Unbiased	18.87	20.128	1.2573
1259	10	LDR Biased	18.822	18.852	0.0305
1426	10	LDR Biased	19.085	18.872	-0.2125
1427	10	LDR Biased	19.033	18.991	-0.042
1428	10	LDR Biased	18.489	18.244	-0.2448
1429	10	LDR Unbiased	18.445	18.183	-0.2624
1430	10	LDR Unbiased	19.416	19.238	-0.1789
1431	10	LDR Unbiased	19.61	19.646	0.0355
1432	10	LDR Unbiased	18.969	18.921	-0.0475
1433	10	LDR Unbiased	18.87	18.648	-0.2228
2434	30	LDR Biased	18.579	18.817	0.2375
2435	30	LDR Biased	19.592	19.707	0.1148
2436	30	LDR Biased	18.684	18.865	0.1809
2437	30	LDR Biased	19.183	19.12	-0.0626
2438	30	LDR Biased	19.484	19.388	-0.0965
2439	30	LDR Unbiased	19.07	19.246	0.1758
2440	30	LDR Unbiased	19.375	19.465	0.0892
2441	30	LDR Unbiased	19.601	19.679	0.0785
2443	30	LDR Unbiased	18.506	18.498	-0.0084
2444	30	LDR Unbiased	18.509	18.658	0.1489
3434	50	LDR Biased	18.579	18.23	-0.349
3435	50	LDR Biased	19.592	19.287	-0.3052
3436	50	LDR Biased	18.684	18.378	-0.3067
3437	50	LDR Biased	19.183	18.688	-0.4945
3438	50	LDR Biased	19.484	18.79	-0.6943
3439	50	LDR Unbiased	19.07	18.675	-0.3947
3440	50	LDR Unbiased	19.375	19.07	-0.3051
3441	50	LDR Unbiased	19.601	19.176	-0.4247
3443	50	LDR Unbiased	18.506	18.05	-0.4557
3444	50	LDR Unbiased	18.509	18.306	-0.2031
4434	100	LDR Biased	18.579	17.529	-1.0497
4435	100	LDR Biased	19.592	18.498	-1.0945
4436	100	LDR Biased	18.684	17.745	-0.9396
4437	100	LDR Biased	19.183	18.109	-1.0736
4438	100	LDR Biased	19.484	18.045	-1.4391
4439	100	LDR Unbiased	19.07	17.932	-1.1381
4440	100	LDR Unbiased	19.375	18.504	-0.8713
4441	100	LDR Unbiased	19.601	18.518	-1.0825
4443	100	LDR Unbiased	18.506	17.477	-1.0292
4444	100	LDR Unbiased	18.509	17.406	-1.1034
4500	150	LDR Biased	18.889	18.155	-0.7342
4501	150	LDR Biased	19.216	17.898	-1.3175
4502	150	LDR Biased	19.059	18.066	-0.9929
4503	150	LDR Biased	19.57	18.23	-1.3403
4504	150	LDR Biased	18.676	17.666	-1.0105
4505	150	LDR Unbiased	19.131	18.134	-0.9971
4506	150	LDR Unbiased	18.724	17.686	-1.0382
4507	150	LDR Unbiased	18.495	17.429	-1.0657
4508	150	LDR Unbiased	18.908	18.419	-0.4895
4509	150	LDR Unbiased	18.961	18.305	-0.6561

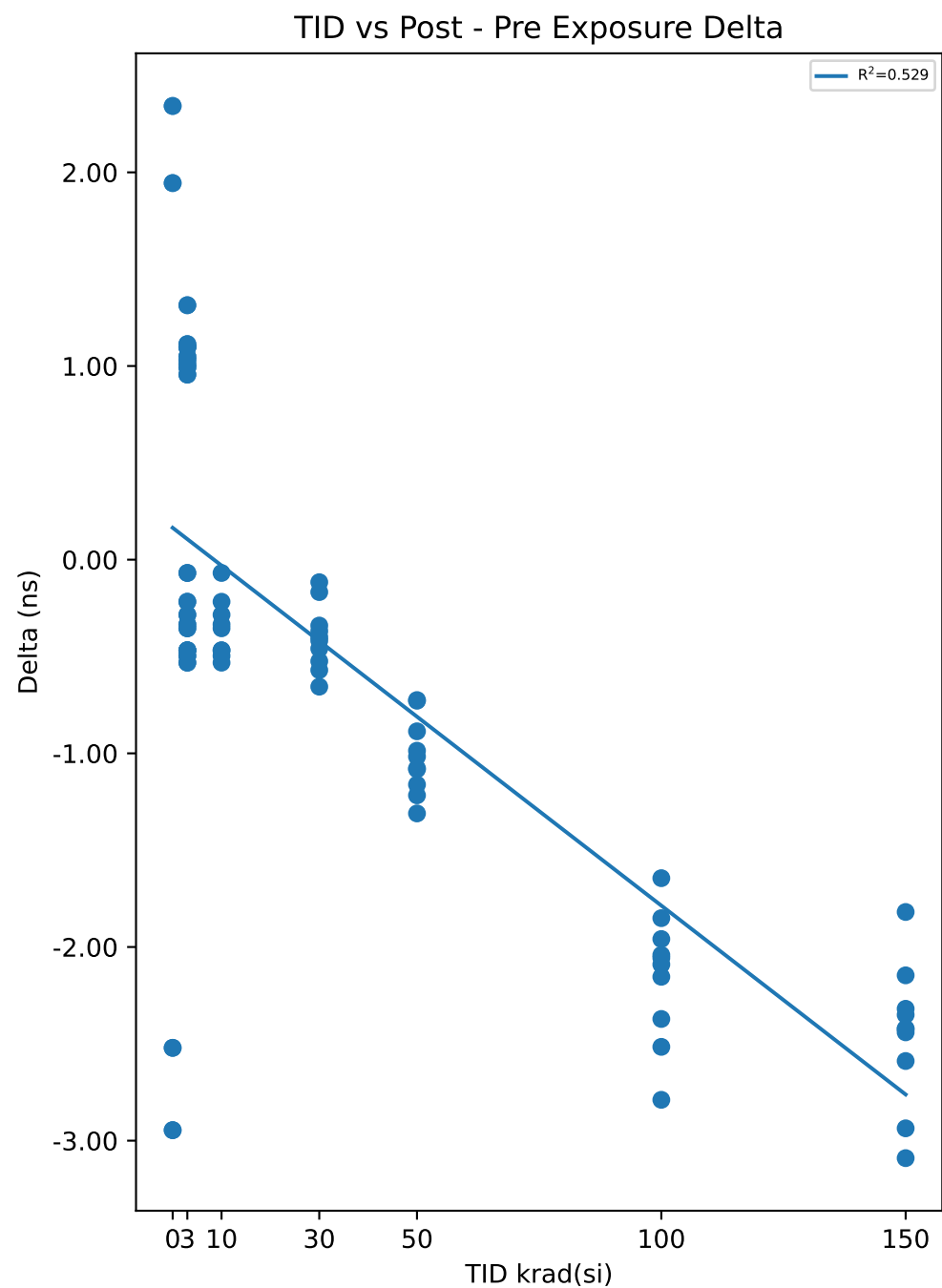
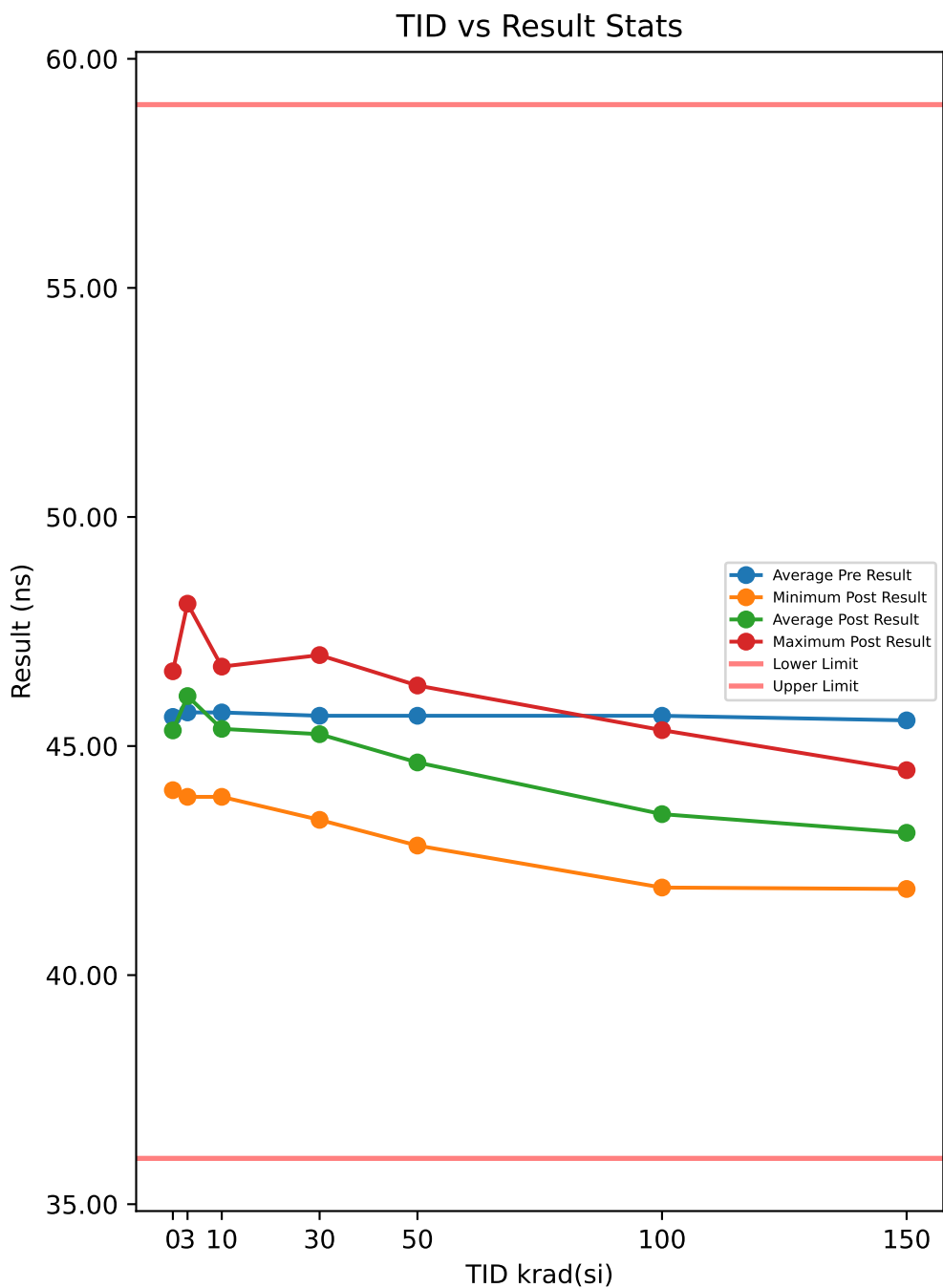
TID vs Post - Pre Exposure Delta



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	18.506	19.053	19.601	0.774	18.419	18.821	19.224	0.5695	-1.182	-0.232	0.718	1.3435
3	18.445	18.971	19.61	0.38168	19.475	20.175	20.89	0.44174	1.0301	1.2044	1.2934	0.091083
10	18.445	18.971	19.61	0.38168	18.183	18.844	19.646	0.45581	-0.2624	-0.12721	0.0355	0.12049
30	18.506	19.059	19.601	0.45367	18.498	19.144	19.707	0.4236	-0.0965	0.08581	0.2375	0.11014
50	18.506	19.059	19.601	0.45367	18.05	18.665	19.287	0.4225	-0.6943	-0.3933	-0.2031	0.13618
100	18.506	19.059	19.601	0.45367	17.406	17.976	18.518	0.43414	-1.4391	-1.0821	-0.8713	0.14902
150	18.495	18.963	19.57	0.30484	17.429	17.999	18.419	0.31859	-1.3403	-0.9642	-0.4895	0.27065

Device Test: 95.8 DLH Dead Time Large 1MHz VIN_10V



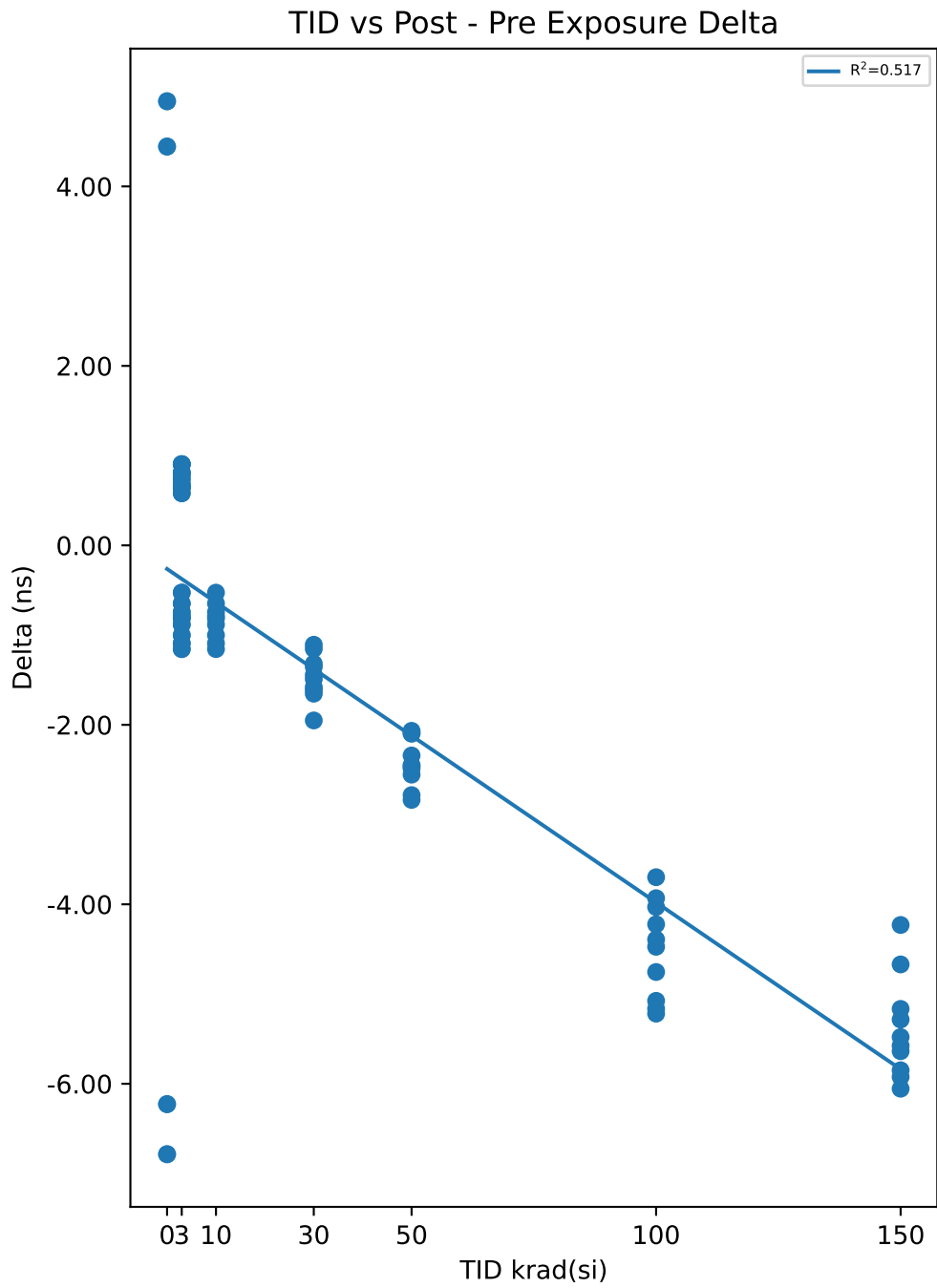
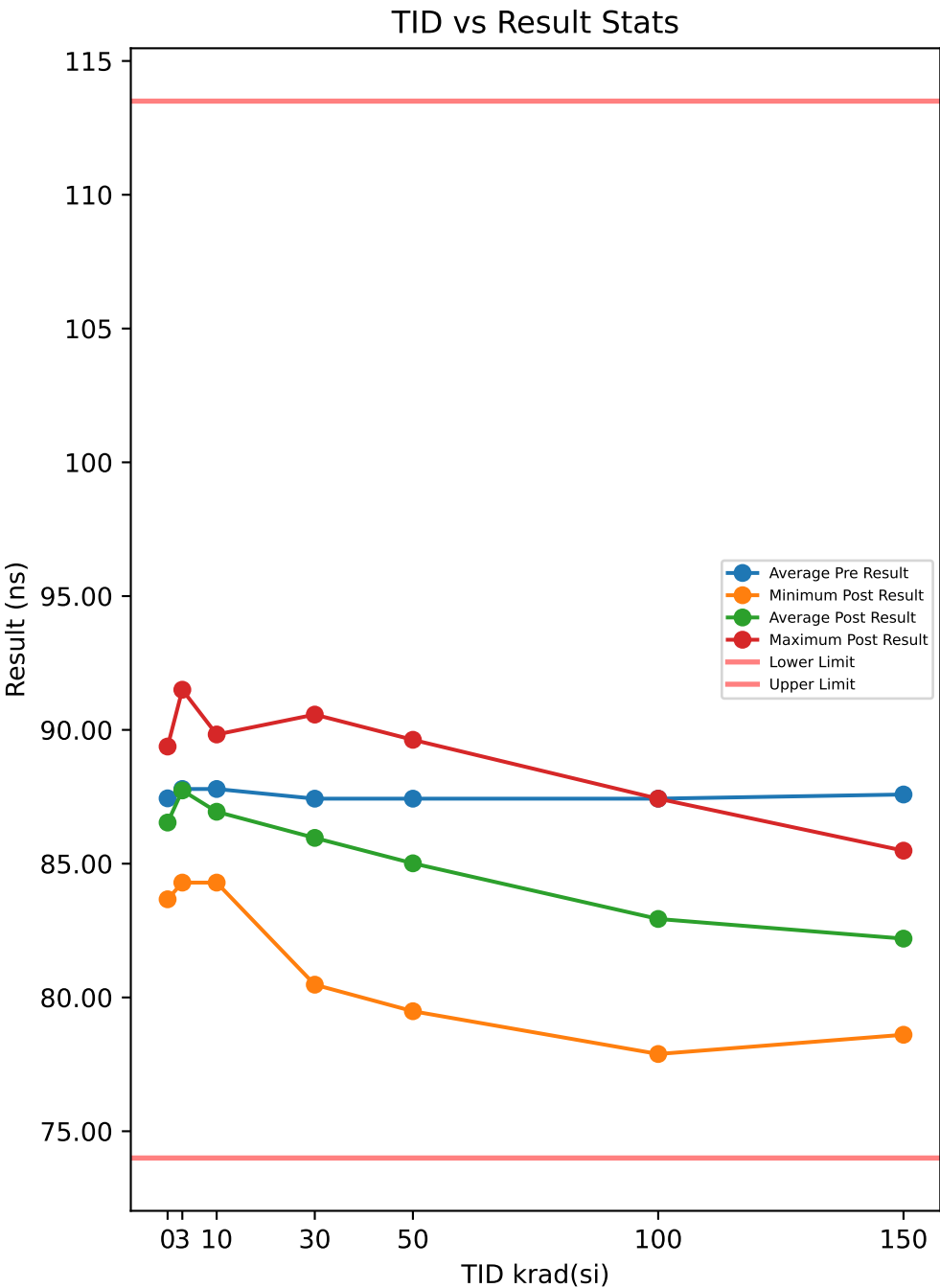
Test Results (Lower Limit = 36.0,
Upper Limit = 59.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	46.982	44.036	-2.9457
2	0	CORRELATION	44.289	46.234	1.9446
259	3	LDR Biased	45.758	46.858	1.1001
426	3	LDR Biased	45.721	46.834	1.113
427	3	LDR Biased	45.921	47.235	1.3139
428	3	LDR Biased	44.68	45.635	0.9556
429	3	LDR Unbiased	44.388	45.437	1.0495
430	3	LDR Unbiased	47.099	48.107	1.0085
431	3	LDR Unbiased	46.951	48.047	1.0959
432	3	LDR Unbiased	44.942	45.974	1.0321
433	3	LDR Unbiased	46.141	47.134	0.9924
1259	10	LDR Biased	45.758	45.474	-0.2843
1426	10	LDR Biased	45.721	45.367	-0.3544
1427	10	LDR Biased	45.921	45.852	-0.0686
1428	10	LDR Biased	44.68	44.148	-0.5318
1429	10	LDR Unbiased	44.388	43.891	-0.4966
1430	10	LDR Unbiased	47.099	46.63	-0.4684
1431	10	LDR Unbiased	46.951	46.734	-0.2172
1432	10	LDR Unbiased	44.942	44.608	-0.3343
1433	10	LDR Unbiased	46.141	45.673	-0.4678
2434	30	LDR Biased	44.02	43.904	-0.1162
2435	30	LDR Biased	47.217	46.877	-0.3401
2436	30	LDR Biased	43.556	43.389	-0.1673
2437	30	LDR Biased	46.152	45.582	-0.5703
2438	30	LDR Biased	46.288	45.632	-0.6558
2439	30	LDR Unbiased	46.5	46.1	-0.3996
2440	30	LDR Unbiased	47.403	46.985	-0.4179
2441	30	LDR Unbiased	46.982	46.613	-0.3687
2443	30	LDR Unbiased	44.289	43.765	-0.5242
2444	30	LDR Unbiased	44.201	43.742	-0.4591
3434	50	LDR Biased	44.02	43.295	-0.7249
3435	50	LDR Biased	47.217	46.2	-1.0168
3436	50	LDR Biased	43.556	42.828	-0.7283
3437	50	LDR Biased	46.152	45.074	-1.0778
3438	50	LDR Biased	46.288	44.978	-1.3103
3439	50	LDR Unbiased	46.5	45.339	-1.1613
3440	50	LDR Unbiased	47.403	46.321	-1.0821
3441	50	LDR Unbiased	46.982	45.765	-1.2168
3443	50	LDR Unbiased	44.289	43.303	-0.9863
3444	50	LDR Unbiased	44.201	43.315	-0.8862
4434	100	LDR Biased	44.02	42.169	-1.851
4435	100	LDR Biased	47.217	45.063	-2.1538
4436	100	LDR Biased	43.556	41.911	-1.6446
4437	100	LDR Biased	46.152	44.062	-2.0901
4438	100	LDR Biased	46.288	43.499	-2.7891
4439	100	LDR Unbiased	46.5	43.984	-2.5156
4440	100	LDR Unbiased	47.403	45.347	-2.056
4441	100	LDR Unbiased	46.982	44.611	-2.3716
4443	100	LDR Unbiased	44.289	42.33	-1.9588
4444	100	LDR Unbiased	44.201	42.16	-2.0411
4500	150	LDR Biased	43.813	41.994	-1.8192
4501	150	LDR Biased	46.804	43.868	-2.9363
4502	150	LDR Biased	46.28	43.856	-2.4239
4503	150	LDR Biased	46.973	43.883	-3.0902
4504	150	LDR Biased	44.087	41.941	-2.1463
4505	150	LDR Unbiased	45.305	42.865	-2.4406
4506	150	LDR Unbiased	44.822	42.472	-2.3501
4507	150	LDR Unbiased	44.301	41.88	-2.4214
4508	150	LDR Unbiased	46.792	44.473	-2.319
4509	150	LDR Unbiased	46.422	43.833	-2.5887

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	44.289	45.636	46.982	1.9043	44.036	45.135	46.234	1.5537	-2.9457	-0.50055	1.9446	3.458
3	44.388	45.733	47.099	0.94185	45.437	46.807	48.107	0.96594	0.9556	1.0734	1.3139	0.10461
10	44.388	45.733	47.099	0.94185	43.891	45.375	46.734	1.0029	-0.5318	-0.35816	-0.0686	0.15135
30	43.556	45.661	47.403	1.4786	43.389	45.259	46.985	1.424	-0.6558	-0.40192	-0.1162	0.16763
50	43.556	45.661	47.403	1.4786	42.828	44.642	46.321	1.3314	-1.3103	-1.0191	-0.7249	0.19476
100	43.556	45.661	47.403	1.4786	41.911	43.514	45.347	1.2951	-2.7891	-2.1472	-1.6446	0.3328
150	43.813	45.56	46.973	1.2355	41.88	43.107	44.473	0.98326	-3.0902	-2.4536	-1.8192	0.36276

Device Test: 95.9 DLH Dead Time Max 1MHz VIN_10V



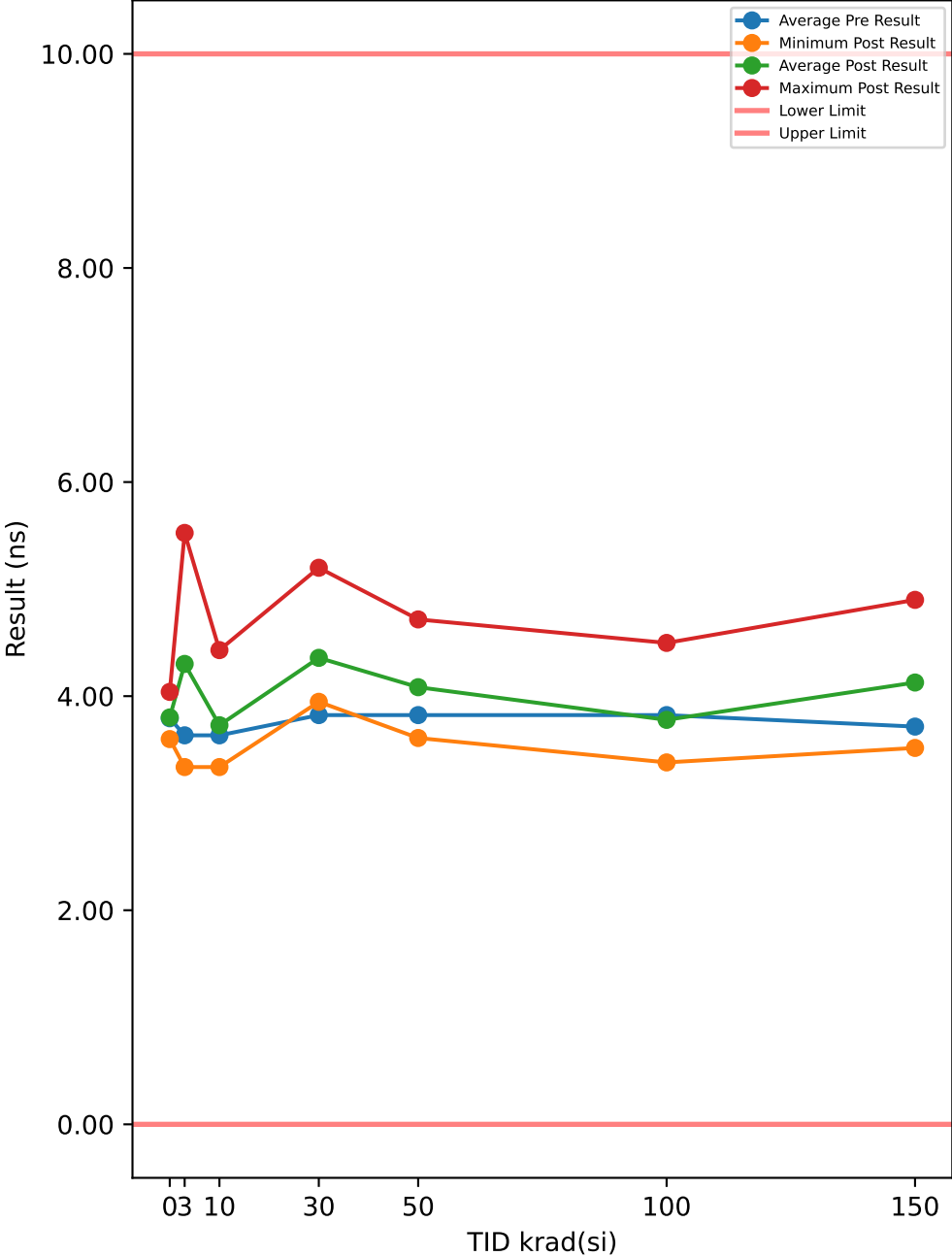
Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	90.453	83.668	-6.7849
2	0	CORRELATION	84.429	88.873	4.4442
259	3	LDR Biased	87.898	88.537	0.6386
426	3	LDR Biased	87.203	87.884	0.6809
427	3	LDR Biased	88.258	89.163	0.9046
428	3	LDR Biased	85.918	86.707	0.7891
429	3	LDR Unbiased	85.175	85.912	0.7374
430	3	LDR Unbiased	90.92	91.501	0.5807
431	3	LDR Unbiased	89.68	90.584	0.9042
432	3	LDR Unbiased	85.803	86.617	0.8131
433	3	LDR Unbiased	89.261	89.917	0.6553
1259	10	LDR Biased	87.898	87.083	-0.8148
1426	10	LDR Biased	87.203	86.414	-0.7888
1427	10	LDR Biased	88.258	87.61	-0.6477
1428	10	LDR Biased	85.918	84.917	-1.001
1429	10	LDR Unbiased	85.175	84.292	-0.8824
1430	10	LDR Unbiased	90.92	89.828	-1.092
1431	10	LDR Unbiased	89.68	88.936	-0.7435
1432	10	LDR Unbiased	85.803	85.276	-0.5269
1433	10	LDR Unbiased	89.261	88.106	-1.1558
2434	30	LDR Biased	83.551	82.398	-1.1531
2435	30	LDR Biased	91.042	89.598	-1.4443
2436	30	LDR Biased	81.585	80.477	-1.1074
2437	30	LDR Biased	88.584	86.931	-1.6527
2438	30	LDR Biased	88.035	86.682	-1.3534
2439	30	LDR Unbiased	89.964	88.474	-1.4898
2440	30	LDR Unbiased	92.184	90.572	-1.6116
2441	30	LDR Unbiased	90.453	88.502	-1.9511
2443	30	LDR Unbiased	84.429	82.85	-1.5794
2444	30	LDR Unbiased	84.467	83.149	-1.3181
3434	50	LDR Biased	83.551	81.484	-2.0668
3435	50	LDR Biased	91.042	88.954	-2.0876
3436	50	LDR Biased	81.585	79.485	-2.0992
3437	50	LDR Biased	88.584	86.242	-2.3414
3438	50	LDR Biased	88.035	85.588	-2.447
3439	50	LDR Unbiased	89.964	87.181	-2.7833
3440	50	LDR Unbiased	92.184	89.629	-2.5547
3441	50	LDR Unbiased	90.453	87.617	-2.8364
3443	50	LDR Unbiased	84.429	81.943	-2.486
3444	50	LDR Unbiased	84.467	82.003	-2.4639
4434	100	LDR Biased	83.551	79.521	-4.0299
4435	100	LDR Biased	91.042	86.569	-4.4732
4436	100	LDR Biased	81.585	77.887	-3.6979
4437	100	LDR Biased	88.584	84.652	-3.932
4438	100	LDR Biased	88.035	82.817	-5.2183
4439	100	LDR Unbiased	89.964	84.888	-5.0756
4440	100	LDR Unbiased	92.184	87.429	-4.7544
4441	100	LDR Unbiased	90.453	85.29	-5.1631
4443	100	LDR Unbiased	84.429	80.207	-4.2223
4444	100	LDR Unbiased	84.467	80.075	-4.3918
4500	150	LDR Biased	82.835	78.605	-4.2302
4501	150	LDR Biased	90.428	84.579	-5.8494
4502	150	LDR Biased	89.612	84.446	-5.1656
4503	150	LDR Biased	90.618	84.564	-6.0548
4504	150	LDR Biased	84.094	79.424	-4.6698
4505	150	LDR Unbiased	86.387	81.103	-5.2839
4506	150	LDR Unbiased	86.004	80.525	-5.4794
4507	150	LDR Unbiased	84.897	79.322	-5.5757
4508	150	LDR Unbiased	91.409	85.486	-5.9234
4509	150	LDR Unbiased	89.569	83.932	-5.6368

Test Statistics (ns)

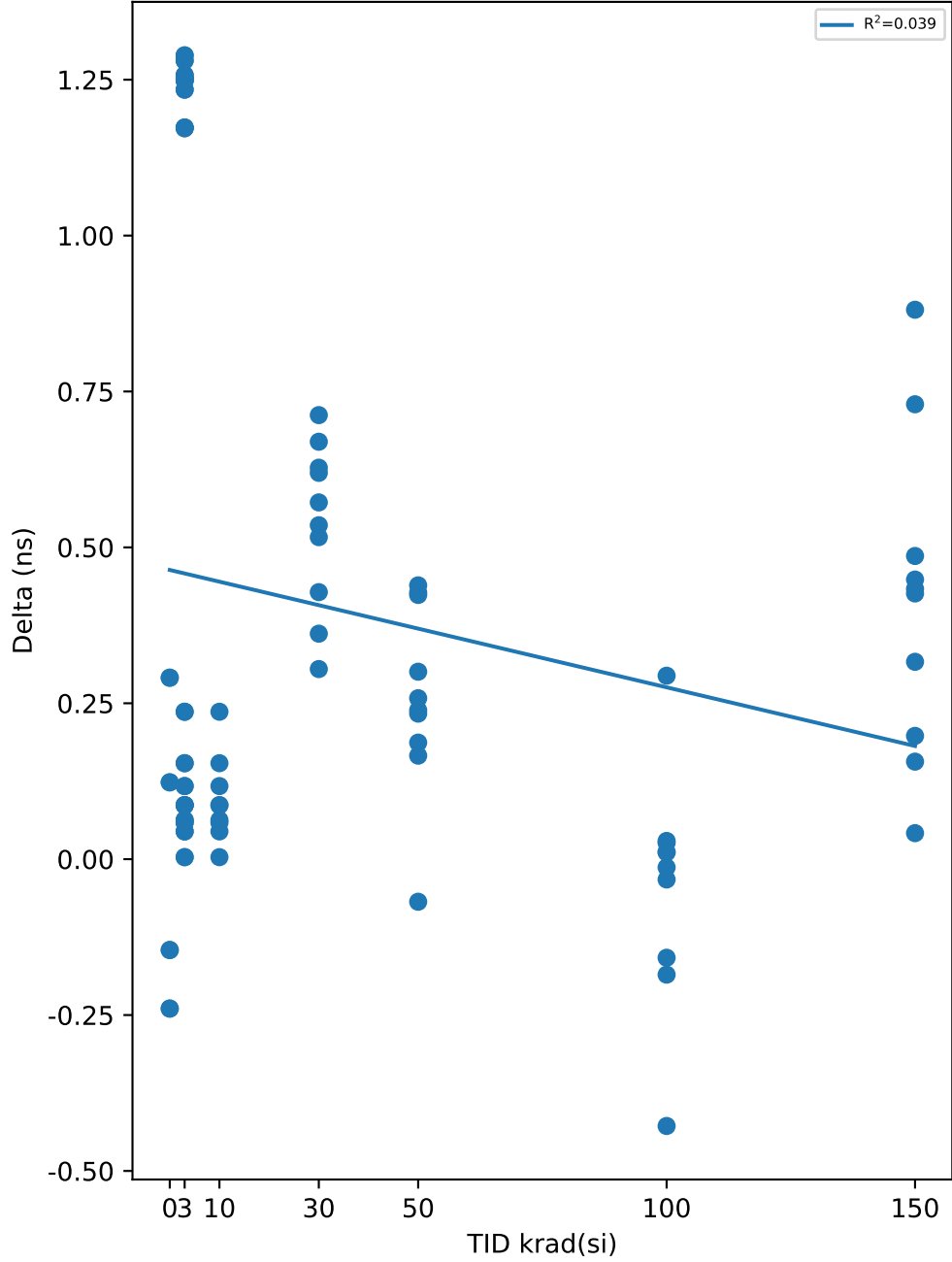
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	84.429	87.441	90.453	4.2599	83.668	86.271	88.873	3.6803	-6.7849	-1.1704	4.4442	7.9402
3	85.175	87.791	90.92	1.9494	85.912	88.536	91.501	1.9243	0.5807	0.74488	0.9046	0.11615
10	85.175	87.791	90.92	1.9494	84.292	86.94	89.828	1.8809	-1.1558	-0.85032	-0.5269	0.20542
30	81.585	87.429	92.184	3.6501	80.477	85.963	90.572	3.4814	-1.9511	-1.4661	-1.1074	0.25085
50	81.585	87.429	92.184	3.6501	79.485	85.013	89.629	3.5223	-2.8364	-2.4166	-2.0668	0.27381
100	81.585	87.429	92.184	3.6501	77.887	82.934	87.429	3.3081	-5.2183	-4.4959	-3.6979	0.54037
150	82.835	87.585	91.409	3.0886	78.605	82.198	85.486	2.646	-6.0548	-5.3869	-4.2302	0.57409

Device Test: 96.0 DLH Dead Time Min 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

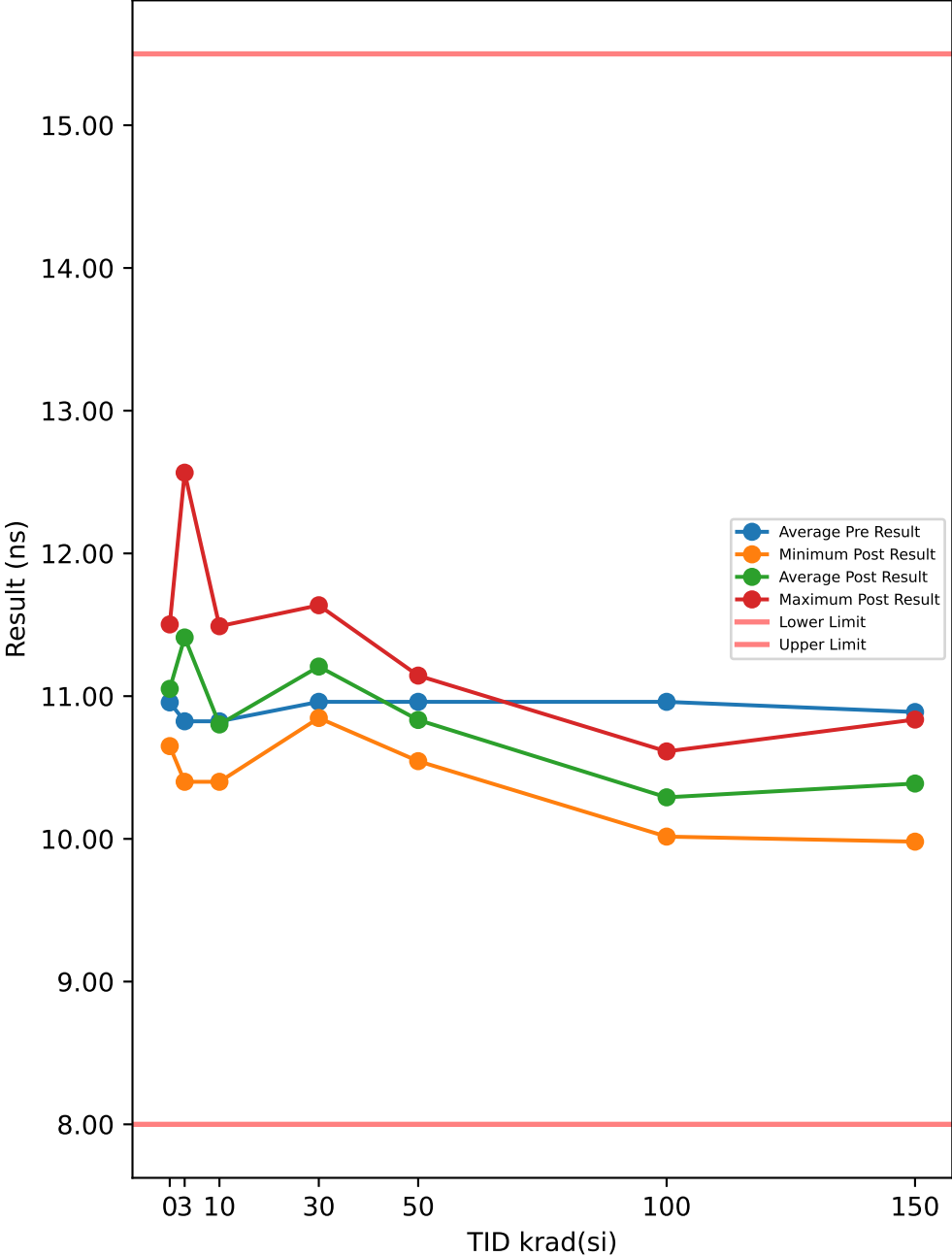
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.7486	3.6029	-0.1457
2	0	CORRELATION	3.8384	3.5988	-0.2396
259	3	LDR Biased	3.4223	4.6751	1.2528
426	3	LDR Biased	3.5707	4.8597	1.289
427	3	LDR Biased	3.4877	4.7452	1.2575
428	3	LDR Biased	3.5123	4.6845	1.1722
429	3	LDR Unbiased	3.5551	4.8054	1.2503
430	3	LDR Unbiased	3.6253	4.8594	1.2341
431	3	LDR Unbiased	3.9211	5.2018	1.2807
432	3	LDR Unbiased	4.2762	5.5247	1.2485
433	3	LDR Unbiased	3.3343	4.5077	1.1734
1259	10	LDR Biased	3.4223	3.5395	0.1172
1426	10	LDR Biased	3.5707	3.6152	0.0445
1427	10	LDR Biased	3.4877	3.5743	0.0866
1428	10	LDR Biased	3.5123	3.5989	0.0866
1429	10	LDR Unbiased	3.5551	3.6137	0.0586
1430	10	LDR Unbiased	3.6253	3.6881	0.0628
1431	10	LDR Unbiased	3.9211	4.1575	0.2364
1432	10	LDR Unbiased	4.2762	4.4301	0.1539
1433	10	LDR Unbiased	3.3343	3.3375	0.0032
2434	30	LDR Biased	4.0042	4.6237	0.6195
2435	30	LDR Biased	3.8621	4.3785	0.5164
2436	30	LDR Biased	4.5299	5.1993	0.6694
2437	30	LDR Biased	3.6874	4.1156	0.4282
2438	30	LDR Biased	3.987	4.2919	0.3049
2439	30	LDR Unbiased	3.3701	4.0822	0.7121
2440	30	LDR Unbiased	3.3749	3.947	0.5721
2441	30	LDR Unbiased	3.7486	4.2841	0.5355
2443	30	LDR Unbiased	3.8384	4.2	0.3616
2444	30	LDR Unbiased	3.8272	4.455	0.6278
3434	50	LDR Biased	4.0042	4.4279	0.4237
3435	50	LDR Biased	3.8621	4.1202	0.2581
3436	50	LDR Biased	4.5299	4.7168	0.1869
3437	50	LDR Biased	3.6874	3.8534	0.166
3438	50	LDR Biased	3.987	3.9187	-0.0683
3439	50	LDR Unbiased	3.3701	3.609	0.2389
3440	50	LDR Unbiased	3.3749	3.8026	0.4277
3441	50	LDR Unbiased	3.7486	4.0492	0.3006
3443	50	LDR Unbiased	3.8384	4.0718	0.2334
3444	50	LDR Unbiased	3.8272	4.2663	0.4391
4434	100	LDR Biased	4.0042	3.991	-0.0132
4435	100	LDR Biased	3.8621	3.6769	-0.1852
4436	100	LDR Biased	4.5299	4.4973	-0.0326
4437	100	LDR Biased	3.6874	3.5293	-0.1581
4438	100	LDR Biased	3.987	3.5591	-0.4279
4439	100	LDR Unbiased	3.3701	3.3809	0.0108
4440	100	LDR Unbiased	3.3749	3.6691	0.2942
4441	100	LDR Unbiased	3.7486	3.7778	0.0292
4443	100	LDR Unbiased	3.8384	3.8646	0.0262
4444	100	LDR Unbiased	3.8272	3.8389	0.0117
4500	150	LDR Biased	4.4734	4.8995	0.4261
4501	150	LDR Biased	3.3185	3.5162	0.1977
4502	150	LDR Biased	3.3784	3.8646	0.4862
4503	150	LDR Biased	3.8181	3.8598	0.0417
4504	150	LDR Biased	4.1476	4.304	0.1564
4505	150	LDR Unbiased	4.2458	4.5623	0.3165
4506	150	LDR Unbiased	3.9905	4.4389	0.4484
4507	150	LDR Unbiased	3.7137	4.1472	0.4335
4508	150	LDR Unbiased	2.8249	3.706	0.8811
4509	150	LDR Unbiased	3.2446	3.9741	0.7295

Test Statistics (ns)

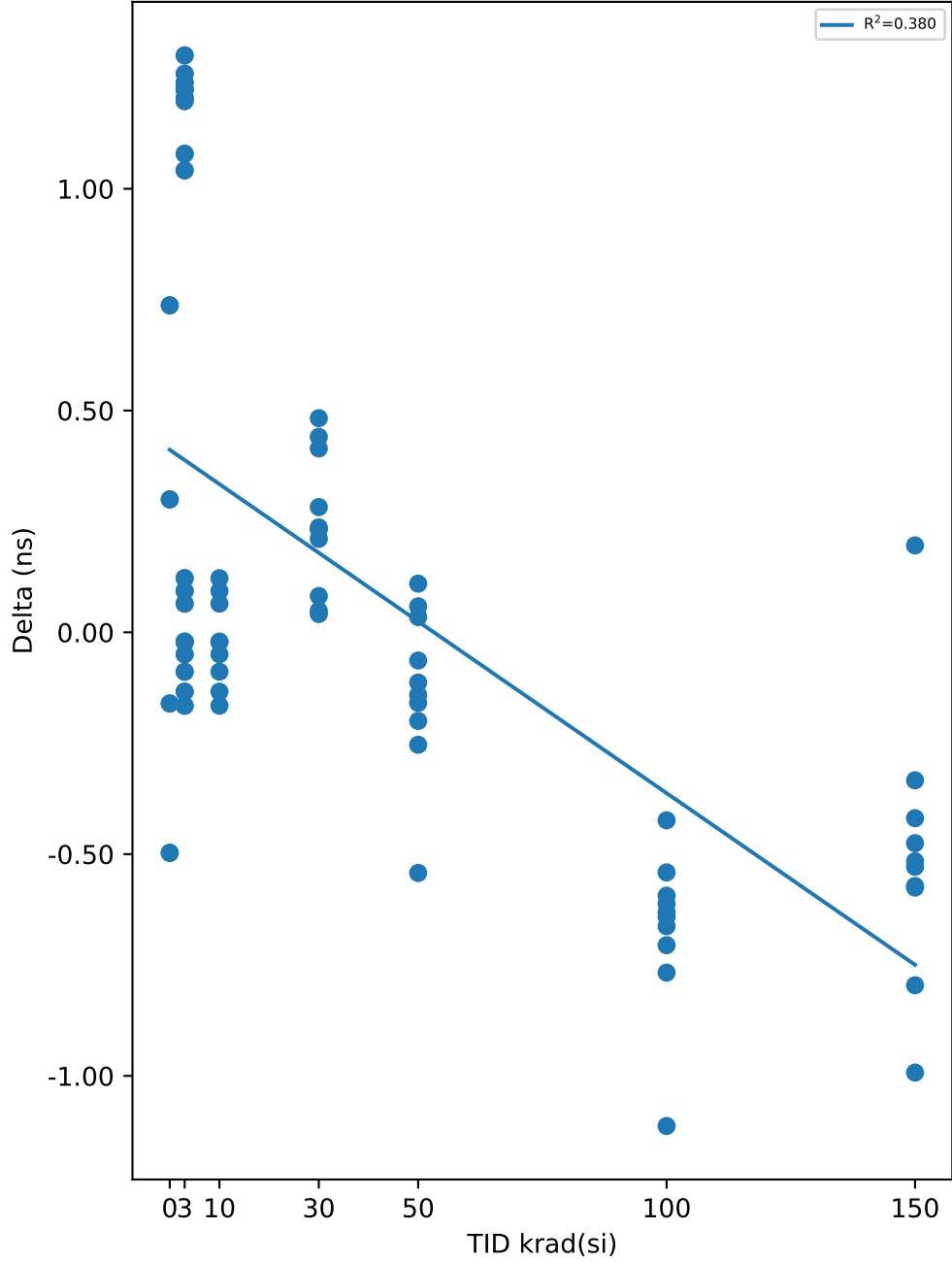
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.7486	3.7935	3.8384	0.063498	3.5988	3.6009	3.6029	0.0028991	-0.2396	-0.19265	-0.1457	0.066397
3	3.3343	3.6339	4.2762	0.29069	4.5077	4.8737	5.5247	0.30867	1.1722	1.2398	1.289	0.041492
10	3.3343	3.6339	4.2762	0.29069	3.3375	3.7283	4.4301	0.34152	0.0032	0.094422	0.2364	0.068405
30	3.3701	3.823	4.5299	0.33184	3.947	4.3577	5.1993	0.35383	0.3049	0.53475	0.7121	0.13388
50	3.3701	3.823	4.5299	0.33184	3.609	4.0836	4.7168	0.32316	-0.0683	0.26061	0.4391	0.15339
100	3.3701	3.823	4.5299	0.33184	3.3809	3.7785	4.4973	0.30975	-0.4279	-0.04449	0.2942	0.18624
150	2.8249	3.7155	4.4734	0.51797	3.5162	4.1273	4.8995	0.42547	0.0417	0.41171	0.8811	0.25514

Device Test: 96.1 DLH Dead Time Small 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



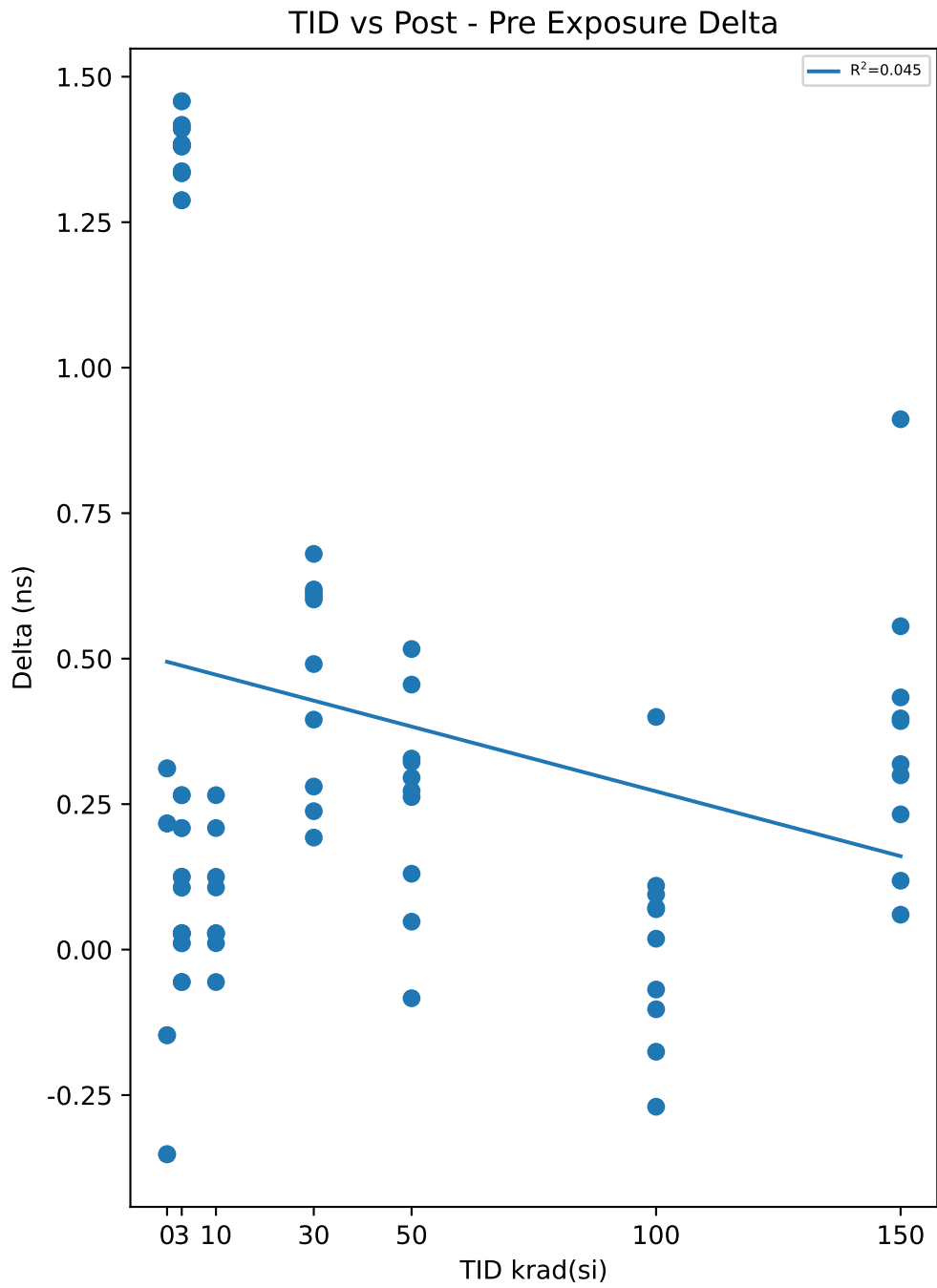
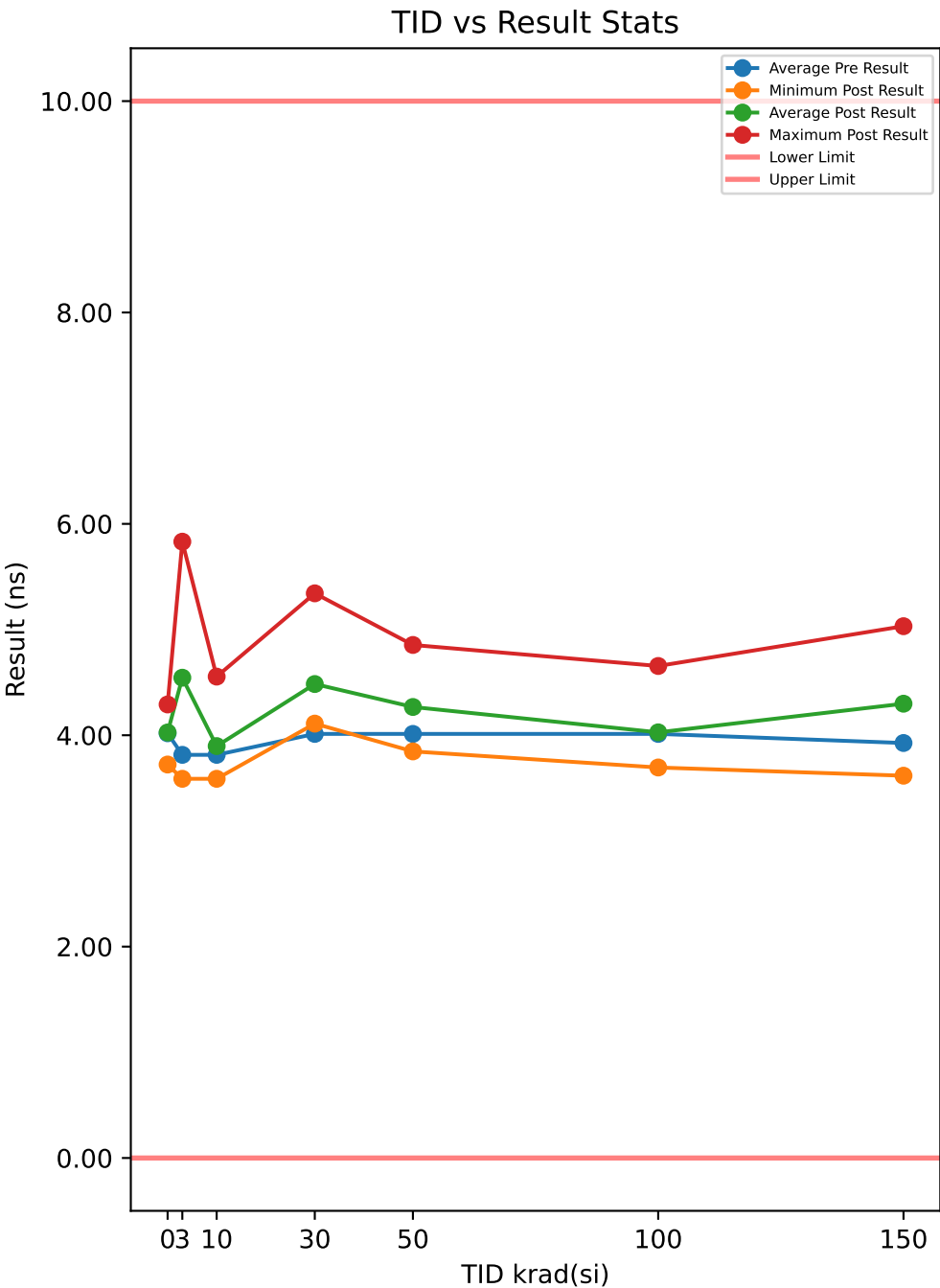
Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.147	10.65	-0.4971
2	0	CORRELATION	10.765	11.065	0.2997
259	3	LDR Biased	10.695	11.918	1.2231
426	3	LDR Biased	10.844	12.084	1.2393
427	3	LDR Biased	10.765	12.024	1.2592
428	3	LDR Biased	10.534	11.613	1.0788
429	3	LDR Unbiased	10.479	11.684	1.205
430	3	LDR Unbiased	11.079	12.121	1.0415
431	3	LDR Unbiased	11.368	12.566	1.1977
432	3	LDR Unbiased	11.111	12.412	1.3007
433	3	LDR Unbiased	10.539	11.763	1.2245
1259	10	LDR Biased	10.695	10.674	-0.0211
1426	10	LDR Biased	10.844	10.755	-0.0888
1427	10	LDR Biased	10.765	10.858	0.0933
1428	10	LDR Biased	10.534	10.4	-0.1338
1429	10	LDR Unbiased	10.479	10.43	-0.0494
1430	10	LDR Unbiased	11.079	10.914	-0.1655
1431	10	LDR Unbiased	11.368	11.49	0.1221
1432	10	LDR Unbiased	11.111	11.176	0.0647
1433	10	LDR Unbiased	10.539	10.517	-0.0215
2434	30	LDR Biased	10.805	11.087	0.2824
2435	30	LDR Biased	11.285	11.522	0.2367
2436	30	LDR Biased	11.154	11.637	0.4828
2437	30	LDR Biased	10.949	10.991	0.0413
2438	30	LDR Biased	11.309	11.358	0.0489
2439	30	LDR Unbiased	10.658	11.098	0.4407
2440	30	LDR Unbiased	10.863	11.074	0.2109
2441	30	LDR Unbiased	11.147	11.379	0.2319
2443	30	LDR Unbiased	10.765	10.847	0.0818
2444	30	LDR Unbiased	10.666	11.081	0.4145
3434	50	LDR Biased	10.805	10.839	0.0344
3435	50	LDR Biased	11.285	11.144	-0.1411
3436	50	LDR Biased	11.154	10.9	-0.2535
3437	50	LDR Biased	10.949	10.75	-0.1997
3438	50	LDR Biased	11.309	10.767	-0.5425
3439	50	LDR Unbiased	10.658	10.544	-0.1132
3440	50	LDR Unbiased	10.863	10.704	-0.1592
3441	50	LDR Unbiased	11.147	11.084	-0.0635
3443	50	LDR Unbiased	10.765	10.824	0.0586
3444	50	LDR Unbiased	10.666	10.776	0.1098
4434	100	LDR Biased	10.805	10.211	-0.5937
4435	100	LDR Biased	11.285	10.518	-0.7672
4436	100	LDR Biased	11.154	10.613	-0.5413
4437	100	LDR Biased	10.949	10.244	-0.7053
4438	100	LDR Biased	11.309	10.196	-1.1129
4439	100	LDR Unbiased	10.658	10.016	-0.6418
4440	100	LDR Unbiased	10.863	10.439	-0.4238
4441	100	LDR Unbiased	11.147	10.485	-0.6625
4443	100	LDR Unbiased	10.765	10.153	-0.6121
4444	100	LDR Unbiased	10.666	10.035	-0.6307
4500	150	LDR Biased	11.255	10.836	-0.419
4501	150	LDR Biased	10.776	9.9805	-0.7956
4502	150	LDR Biased	10.792	10.276	-0.5159
4503	150	LDR Biased	11.308	10.315	-0.9925
4504	150	LDR Biased	10.979	10.404	-0.5754
4505	150	LDR Unbiased	11.351	10.779	-0.5719
4506	150	LDR Unbiased	10.896	10.421	-0.4754
4507	150	LDR Unbiased	10.669	10.14	-0.5286
4508	150	LDR Unbiased	10.238	10.434	0.196
4509	150	LDR Unbiased	10.624	10.29	-0.3336

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	10.765	10.956	11.147	0.26997	10.65	10.857	11.065	0.29345	-0.4971	-0.0987	0.2997	0.56342
3	10.479	10.824	11.368	0.30593	11.613	12.02	12.566	0.32031	1.0415	1.1966	1.3007	0.083714
10	10.479	10.824	11.368	0.30593	10.4	10.802	11.49	0.35863	-0.1655	-0.022222	0.1221	0.099926
30	10.658	10.96	11.309	0.24706	10.847	11.207	11.637	0.25218	0.0413	0.24719	0.4828	0.16087
50	10.658	10.96	11.309	0.24706	10.544	10.833	11.144	0.17597	-0.5425	-0.12699	0.1098	0.18737
100	10.658	10.96	11.309	0.24706	10.016	10.291	10.613	0.20868	-1.1129	-0.66913	-0.4238	0.18123
150	10.238	10.889	11.351	0.34876	9.9805	10.388	10.836	0.26067	-0.9925	-0.50119	0.196	0.30932

Device Test: 96.10 DLH Dead Time Min 2MHz VIN_12V



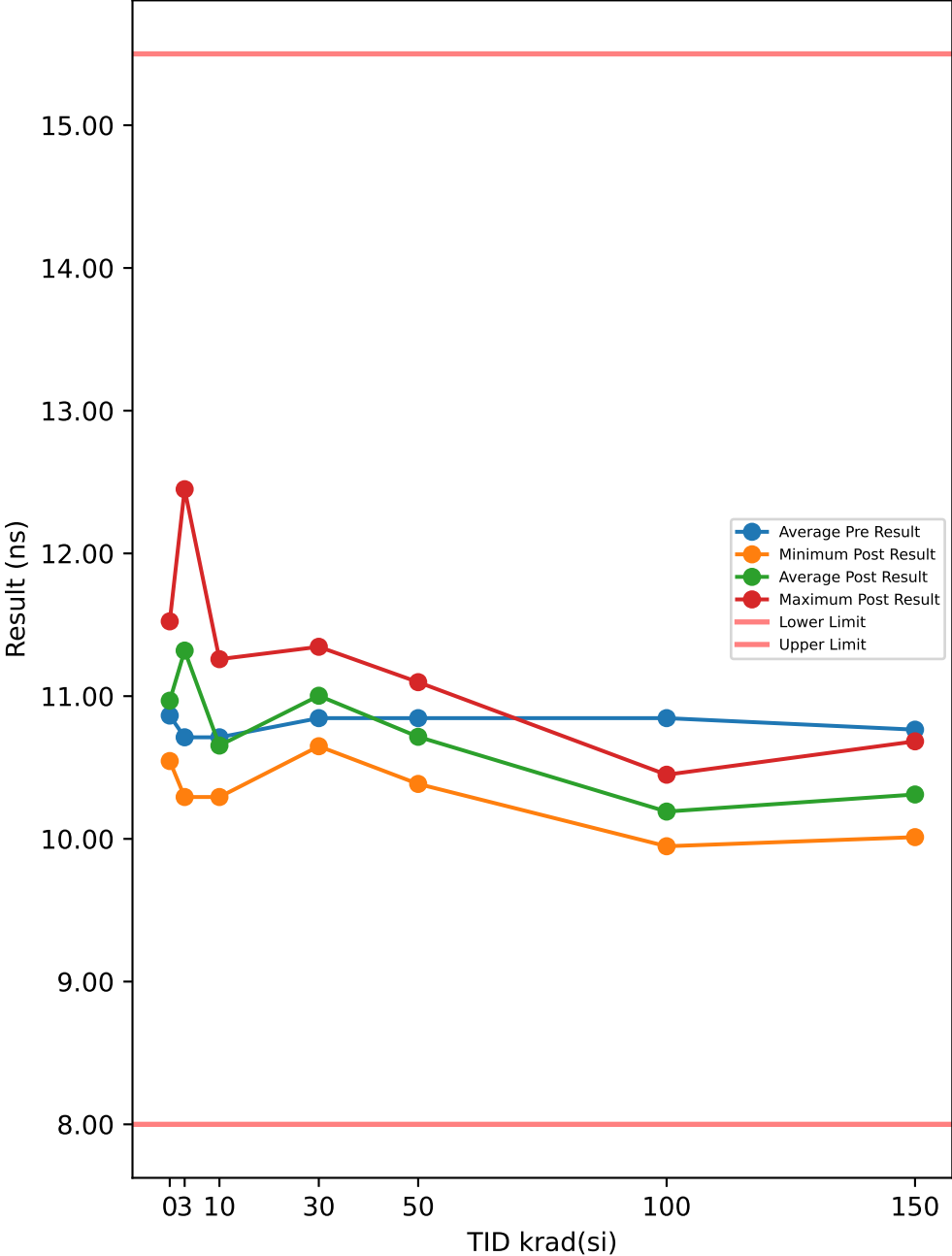
Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.9629	3.8158	-0.1471
2	0	CORRELATION	4.0745	3.7229	-0.3516
259	3	LDR Biased	3.5341	4.9511	1.417
426	3	LDR Biased	3.7573	5.1414	1.3841
427	3	LDR Biased	3.6655	5.1233	1.4578
428	3	LDR Biased	3.6737	5.0538	1.3801
429	3	LDR Unbiased	3.7431	5.1537	1.4106
430	3	LDR Unbiased	3.8359	5.1702	1.3343
431	3	LDR Unbiased	4.0173	5.3991	1.3818
432	3	LDR Unbiased	4.5438	5.8315	1.2877
433	3	LDR Unbiased	3.5598	4.8971	1.3373
1259	10	LDR Biased	3.5341	3.743	0.2089
1426	10	LDR Biased	3.7573	3.7016	-0.0557
1427	10	LDR Biased	3.6655	3.7906	0.1251
1428	10	LDR Biased	3.6737	3.7804	0.1067
1429	10	LDR Unbiased	3.7431	3.7707	0.0276
1430	10	LDR Unbiased	3.8359	3.864	0.0281
1431	10	LDR Unbiased	4.0173	4.2827	0.2654
1432	10	LDR Unbiased	4.5438	4.5548	0.011
1433	10	LDR Unbiased	3.5598	3.5878	0.028
2434	30	LDR Biased	4.1196	4.7996	0.68
2435	30	LDR Biased	4.056	4.2485	0.1925
2436	30	LDR Biased	4.7238	5.3427	0.6189
2437	30	LDR Biased	3.9382	4.1761	0.2379
2438	30	LDR Biased	4.1805	4.5757	0.3952
2439	30	LDR Unbiased	3.585	4.1867	0.6017
2440	30	LDR Unbiased	3.4956	4.11	0.6144
2441	30	LDR Unbiased	3.9629	4.4536	0.4907
2443	30	LDR Unbiased	4.0745	4.3547	0.2802
2444	30	LDR Unbiased	3.9898	4.5973	0.6075
3434	50	LDR Biased	4.1196	4.575	0.4554
3435	50	LDR Biased	4.056	4.3515	0.2955
3436	50	LDR Biased	4.7238	4.8542	0.1304
3437	50	LDR Biased	3.9382	3.9862	0.048
3438	50	LDR Biased	4.1805	4.0969	-0.0836
3439	50	LDR Unbiased	3.585	3.8471	0.2621
3440	50	LDR Unbiased	3.4956	4.0121	0.5165
3441	50	LDR Unbiased	3.9629	4.2358	0.2729
3443	50	LDR Unbiased	4.0745	4.4028	0.3283
3444	50	LDR Unbiased	3.9898	4.312	0.3222
4434	100	LDR Biased	4.1196	4.1383	0.0187
4435	100	LDR Biased	4.056	3.9535	-0.1025
4436	100	LDR Biased	4.7238	4.6552	-0.0686
4437	100	LDR Biased	3.9382	3.7627	-0.1755
4438	100	LDR Biased	4.1805	3.9105	-0.27
4439	100	LDR Unbiased	3.585	3.6948	0.1098
4440	100	LDR Unbiased	3.4956	3.8954	0.3998
4441	100	LDR Unbiased	3.9629	4.0577	0.0948
4443	100	LDR Unbiased	4.0745	4.1439	0.0694
4444	100	LDR Unbiased	3.9898	4.0618	0.072
4500	150	LDR Biased	4.639	5.0317	0.3927
4501	150	LDR Biased	3.5572	3.6172	0.06
4502	150	LDR Biased	3.6433	3.9621	0.3188
4503	150	LDR Biased	4.0367	4.1551	0.1184
4504	150	LDR Biased	4.3754	4.6749	0.2995
4505	150	LDR Unbiased	4.3736	4.606	0.2324
4506	150	LDR Unbiased	4.2232	4.6566	0.4334
4507	150	LDR Unbiased	3.8976	4.2949	0.3973
4508	150	LDR Unbiased	3.0203	3.9317	0.9114
4509	150	LDR Unbiased	3.498	4.0537	0.5557

Test Statistics (ns)

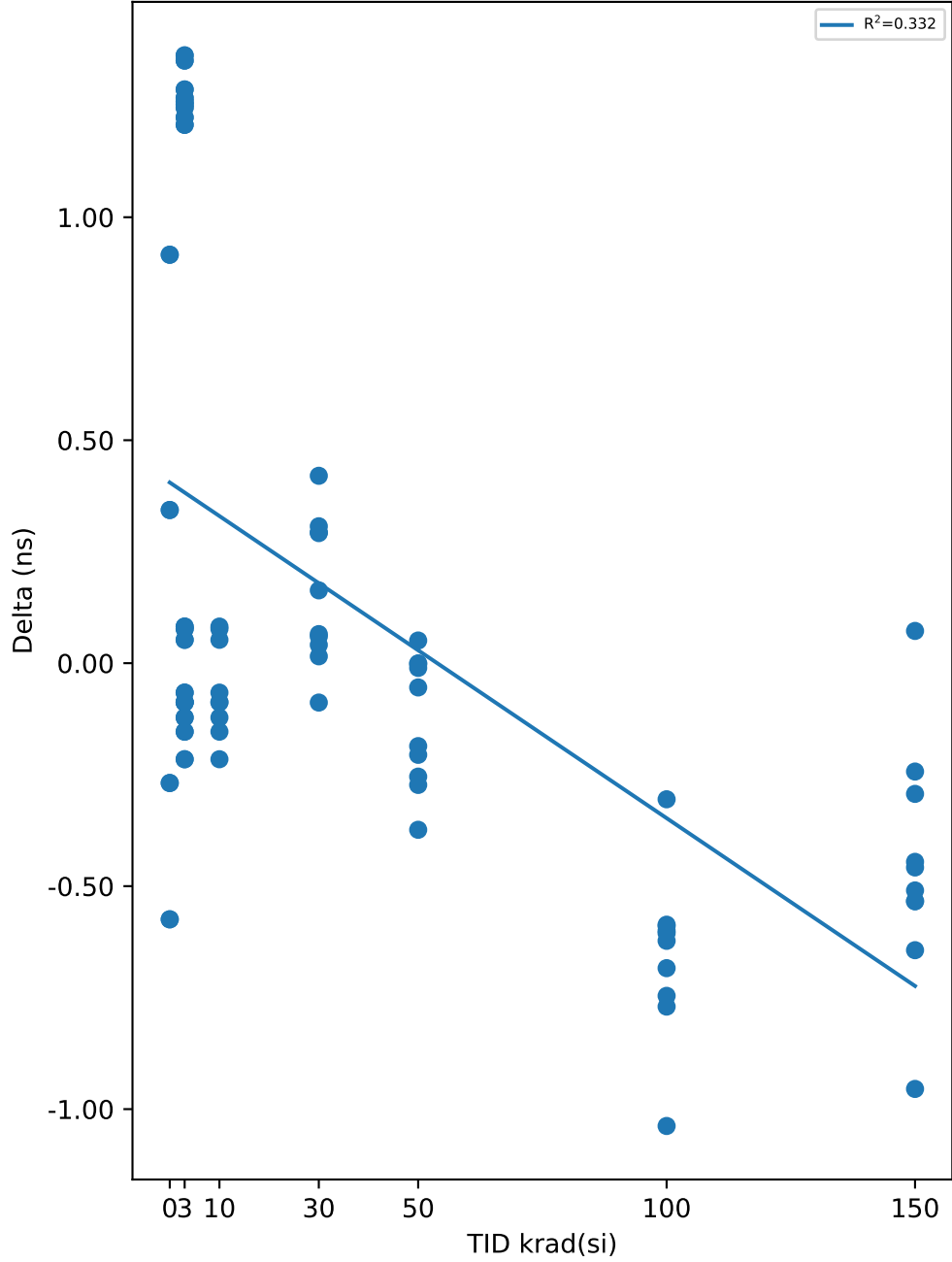
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.9629	4.0187	4.0745	0.078913	3.7229	3.7694	3.8158	0.06569	-0.3516	-0.24935	-0.1471	0.1446
3	3.5341	3.8145	4.5438	0.30971	4.8971	5.1912	5.8315	0.27955	1.2877	1.3767	1.4578	0.050885
10	3.5341	3.8145	4.5438	0.30971	3.5878	3.8973	4.5548	0.31243	-0.0557	0.082789	0.2654	0.10307
30	3.4956	4.0126	4.7238	0.33497	4.11	4.4845	5.3427	0.37333	0.1925	0.4719	0.68	0.18143
50	3.4956	4.0126	4.7238	0.33497	3.8471	4.2674	4.8542	0.30135	-0.0836	0.25477	0.5165	0.18057
100	3.4956	4.0126	4.7238	0.33497	3.6948	4.0274	4.6552	0.26653	-0.27	0.01479	0.3998	0.18498
150	3.0203	3.9264	4.639	0.49794	3.6172	4.2984	5.0317	0.4339	0.06	0.37196	0.9114	0.24009

Device Test: 96.11 DLH Dead Time Small 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

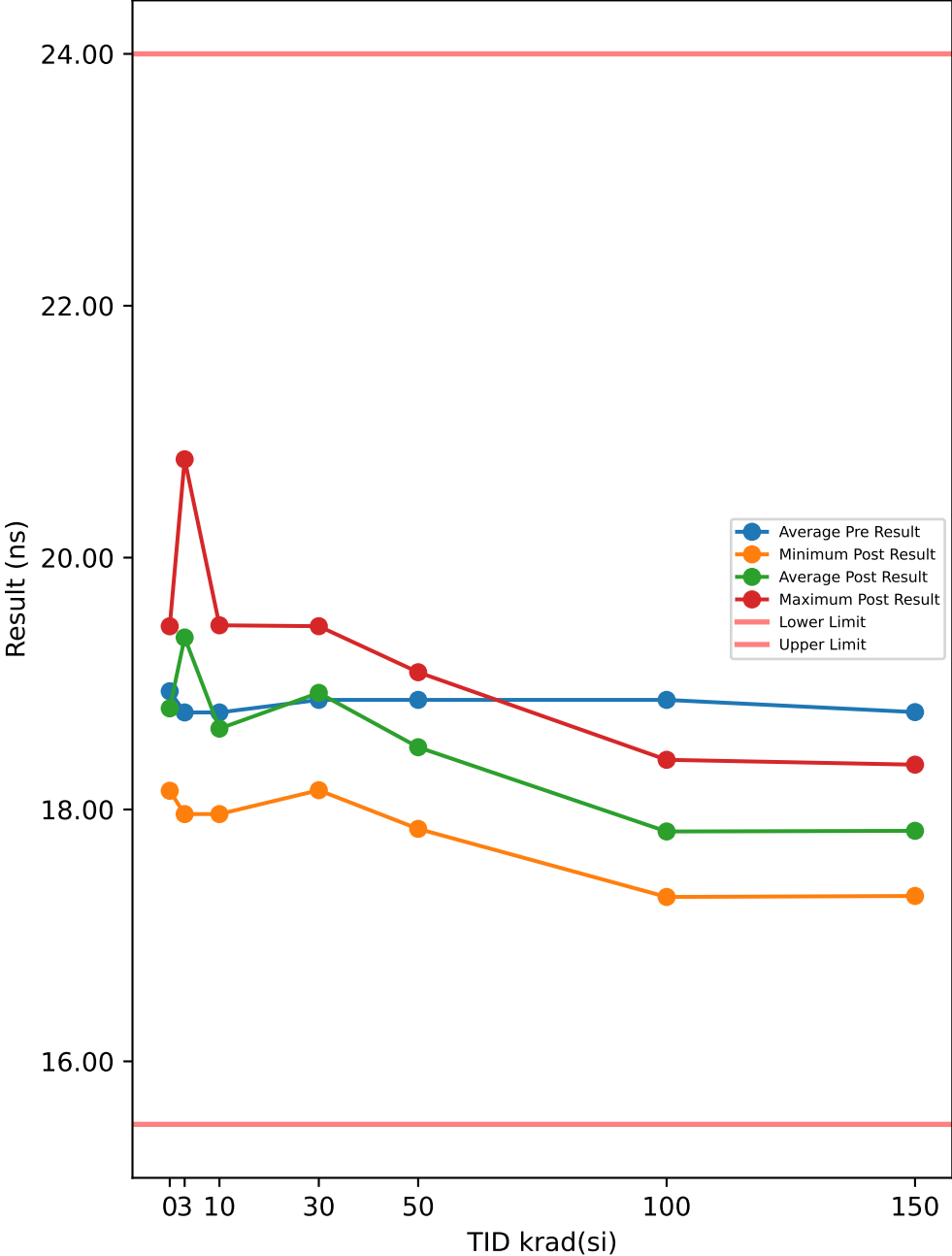
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.12	10.545	-0.5744
2	0	CORRELATION	10.608	10.952	0.3435
259	3	LDR Biased	10.482	11.845	1.3629
426	3	LDR Biased	10.731	12.018	1.2865
427	3	LDR Biased	10.636	11.988	1.3513
428	3	LDR Biased	10.473	11.68	1.2072
429	3	LDR Unbiased	10.38	11.633	1.2528
430	3	LDR Unbiased	10.909	12.133	1.2238
431	3	LDR Unbiased	11.182	12.45	1.2676
432	3	LDR Unbiased	11.078	12.323	1.2457
433	3	LDR Unbiased	10.533	11.791	1.259
1259	10	LDR Biased	10.482	10.564	0.0821
1426	10	LDR Biased	10.731	10.578	-0.1536
1427	10	LDR Biased	10.636	10.689	0.0524
1428	10	LDR Biased	10.473	10.351	-0.1219
1429	10	LDR Unbiased	10.38	10.293	-0.0871
1430	10	LDR Unbiased	10.909	10.694	-0.2154
1431	10	LDR Unbiased	11.182	11.259	0.0768
1432	10	LDR Unbiased	11.078	10.99	-0.0882
1433	10	LDR Unbiased	10.533	10.466	-0.066
2434	30	LDR Biased	10.68	10.972	0.2917
2435	30	LDR Biased	11.152	11.168	0.0154
2436	30	LDR Biased	11.039	11.346	0.307
2437	30	LDR Biased	10.879	10.944	0.0652
2438	30	LDR Biased	11.206	11.266	0.06
2439	30	LDR Unbiased	10.571	10.864	0.2936
2440	30	LDR Unbiased	10.653	11.073	0.4202
2441	30	LDR Unbiased	11.12	11.031	-0.0883
2443	30	LDR Unbiased	10.608	10.649	0.0409
2444	30	LDR Unbiased	10.551	10.714	0.1633
3434	50	LDR Biased	10.68	10.67	-0.0106
3435	50	LDR Biased	11.152	11.098	-0.0544
3436	50	LDR Biased	11.039	10.784	-0.2544
3437	50	LDR Biased	10.879	10.674	-0.2055
3438	50	LDR Biased	11.206	10.832	-0.3736
3439	50	LDR Unbiased	10.571	10.385	-0.186
3440	50	LDR Unbiased	10.653	10.704	0.0508
3441	50	LDR Unbiased	11.12	10.847	-0.273
3443	50	LDR Unbiased	10.608	10.607	-0.0013
3444	50	LDR Unbiased	10.551	10.55	-0.0005
4434	100	LDR Biased	10.68	10.075	-0.6054
4435	100	LDR Biased	11.152	10.382	-0.7701
4436	100	LDR Biased	11.039	10.45	-0.5893
4437	100	LDR Biased	10.879	10.133	-0.746
4438	100	LDR Biased	11.206	10.168	-1.0378
4439	100	LDR Unbiased	10.571	9.9483	-0.6226
4440	100	LDR Unbiased	10.653	10.348	-0.3052
4441	100	LDR Unbiased	11.12	10.436	-0.6839
4443	100	LDR Unbiased	10.608	10.022	-0.5864
4444	100	LDR Unbiased	10.551	9.9505	-0.6003
4500	150	LDR Biased	11.142	10.683	-0.4581
4501	150	LDR Biased	10.656	10.012	-0.6436
4502	150	LDR Biased	10.546	10.037	-0.5096
4503	150	LDR Biased	11.231	10.276	-0.9547
4504	150	LDR Biased	10.907	10.462	-0.4455
4505	150	LDR Unbiased	11.171	10.638	-0.5335
4506	150	LDR Unbiased	10.762	10.228	-0.534
4507	150	LDR Unbiased	10.548	10.255	-0.2931
4508	150	LDR Unbiased	10.164	10.236	0.0723
4509	150	LDR Unbiased	10.525	10.282	-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	10.608	10.864	11.12	0.36183	10.545	10.748	10.952	0.28723	-0.5744	-0.11545	0.3435	0.64905
3	10.38	10.712	11.182	0.28549	11.633	11.985	12.45	0.28005	1.2072	1.273	1.3629	0.053061
10	10.38	10.712	11.182	0.28549	10.293	10.654	11.259	0.3067	-0.2154	-0.057878	0.0821	0.10595
30	10.551	10.846	11.206	0.26262	10.649	11.003	11.346	0.22409	-0.0883	0.1569	0.4202	0.16335
50	10.551	10.846	11.206	0.26262	10.385	10.715	11.098	0.19272	-0.3736	-0.13085	0.0508	0.14533
100	10.551	10.846	11.206	0.26262	9.9483	10.191	10.45	0.19742	-1.0378	-0.6547	-0.3052	0.18463
150	10.164	10.765	11.231	0.34481	10.012	10.311	10.683	0.22377	-0.9547	-0.45428	0.0723	0.26873

Device Test: 96.12 DLH Dead Time Mid 2MHz VIN_12V

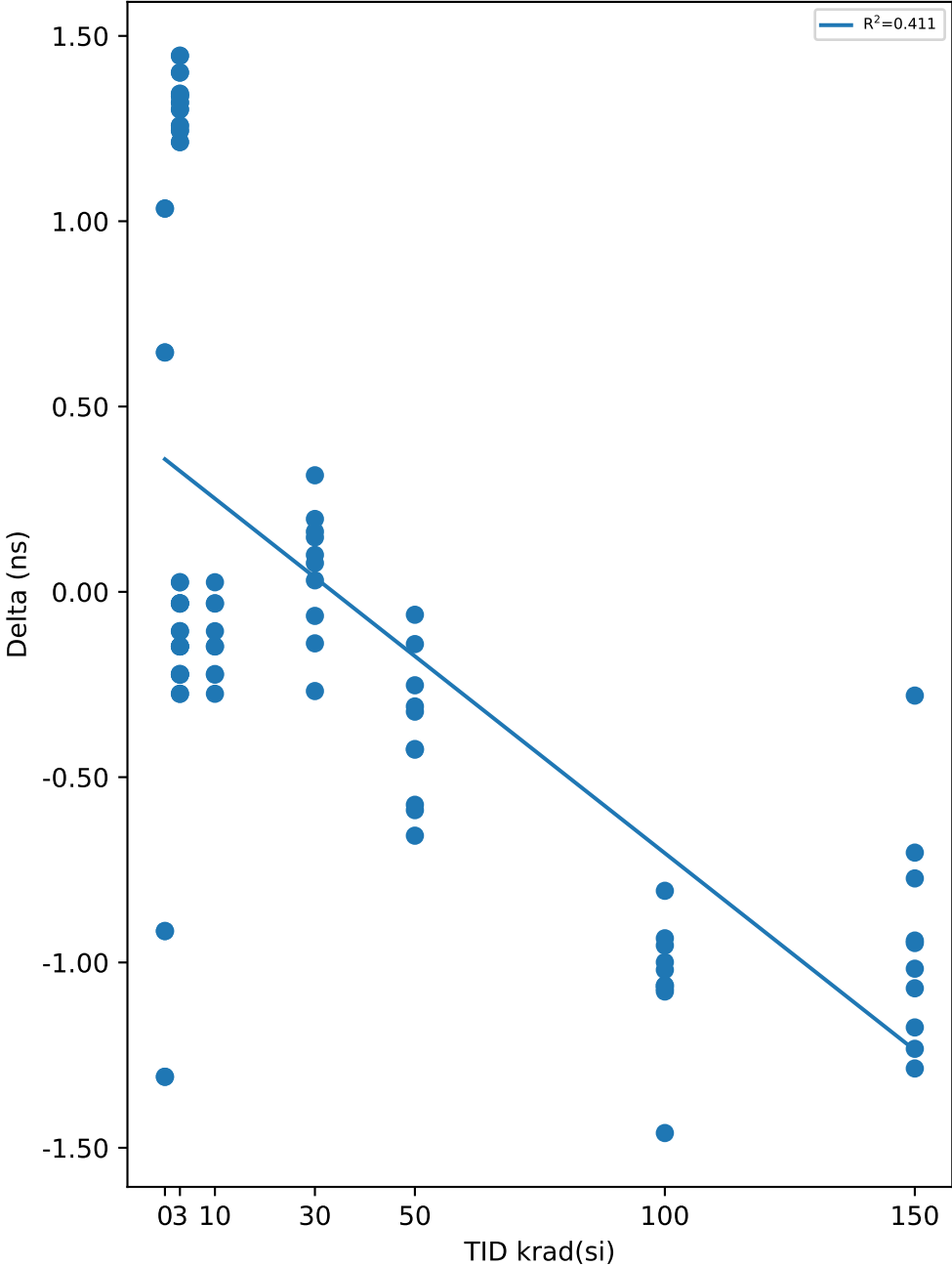
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.457	18.148	-1.3084
2	0	CORRELATION	18.421	19.067	0.6459
259	3	LDR Biased	18.633	19.935	1.3017
426	3	LDR Biased	18.895	20.233	1.3373
427	3	LDR Biased	18.818	20.264	1.4465
428	3	LDR Biased	18.291	19.505	1.2136
429	3	LDR Unbiased	18.187	19.431	1.2446
430	3	LDR Unbiased	19.207	20.528	1.3201
431	3	LDR Unbiased	19.437	20.781	1.3439
432	3	LDR Unbiased	18.786	20.044	1.2579
433	3	LDR Unbiased	18.681	20.082	1.4012
1259	10	LDR Biased	18.633	18.603	-0.0308
1426	10	LDR Biased	18.895	18.62	-0.275
1427	10	LDR Biased	18.818	18.786	-0.0316
1428	10	LDR Biased	18.291	18.144	-0.1473
1429	10	LDR Unbiased	18.187	17.963	-0.2234
1430	10	LDR Unbiased	19.207	18.986	-0.2218
1431	10	LDR Unbiased	19.437	19.463	0.0259
1432	10	LDR Unbiased	18.786	18.68	-0.1062
1433	10	LDR Unbiased	18.681	18.534	-0.1471
2434	30	LDR Biased	18.314	18.511	0.1966
2435	30	LDR Biased	19.342	19.373	0.0311
2436	30	LDR Biased	18.498	18.645	0.147
2437	30	LDR Biased	19.012	19.09	0.0775
2438	30	LDR Biased	19.342	19.203	-0.139
2439	30	LDR Unbiased	18.849	19.011	0.1624
2440	30	LDR Unbiased	19.141	19.455	0.3145
2441	30	LDR Unbiased	19.457	19.392	-0.0649
2443	30	LDR Unbiased	18.421	18.153	-0.2677
2444	30	LDR Unbiased	18.325	18.425	0.0996
3434	50	LDR Biased	18.314	18.253	-0.0618
3435	50	LDR Biased	19.342	19.09	-0.2521
3436	50	LDR Biased	18.498	18.073	-0.4258
3437	50	LDR Biased	19.012	18.588	-0.4241
3438	50	LDR Biased	19.342	18.684	-0.6579
3439	50	LDR Unbiased	18.849	18.526	-0.3232
3440	50	LDR Unbiased	19.141	18.832	-0.3092
3441	50	LDR Unbiased	19.457	18.868	-0.589
3443	50	LDR Unbiased	18.421	17.846	-0.5745
3444	50	LDR Unbiased	18.325	18.184	-0.141
4434	100	LDR Biased	18.314	17.38	-0.9348
4435	100	LDR Biased	19.342	18.388	-0.9542
4436	100	LDR Biased	18.498	17.499	-0.9992
4437	100	LDR Biased	19.012	17.941	-1.0712
4438	100	LDR Biased	19.342	17.882	-1.4602
4439	100	LDR Unbiased	18.849	17.771	-1.0783
4440	100	LDR Unbiased	19.141	18.334	-0.8066
4441	100	LDR Unbiased	19.457	18.395	-1.0624
4443	100	LDR Unbiased	18.421	17.358	-1.0626
4444	100	LDR Unbiased	18.325	17.305	-1.02
4500	150	LDR Biased	18.651	17.877	-0.7732
4501	150	LDR Biased	19.028	17.852	-1.1753
4502	150	LDR Biased	18.795	17.847	-0.9475
4503	150	LDR Biased	19.422	18.136	-1.286
4504	150	LDR Biased	18.466	17.396	-1.0697
4505	150	LDR Unbiased	18.977	17.96	-1.0168
4506	150	LDR Unbiased	18.546	17.313	-1.2329
4507	150	LDR Unbiased	18.289	17.585	-0.7036
4508	150	LDR Unbiased	18.636	18.356	-0.2799
4509	150	LDR Unbiased	18.924	17.983	-0.9409

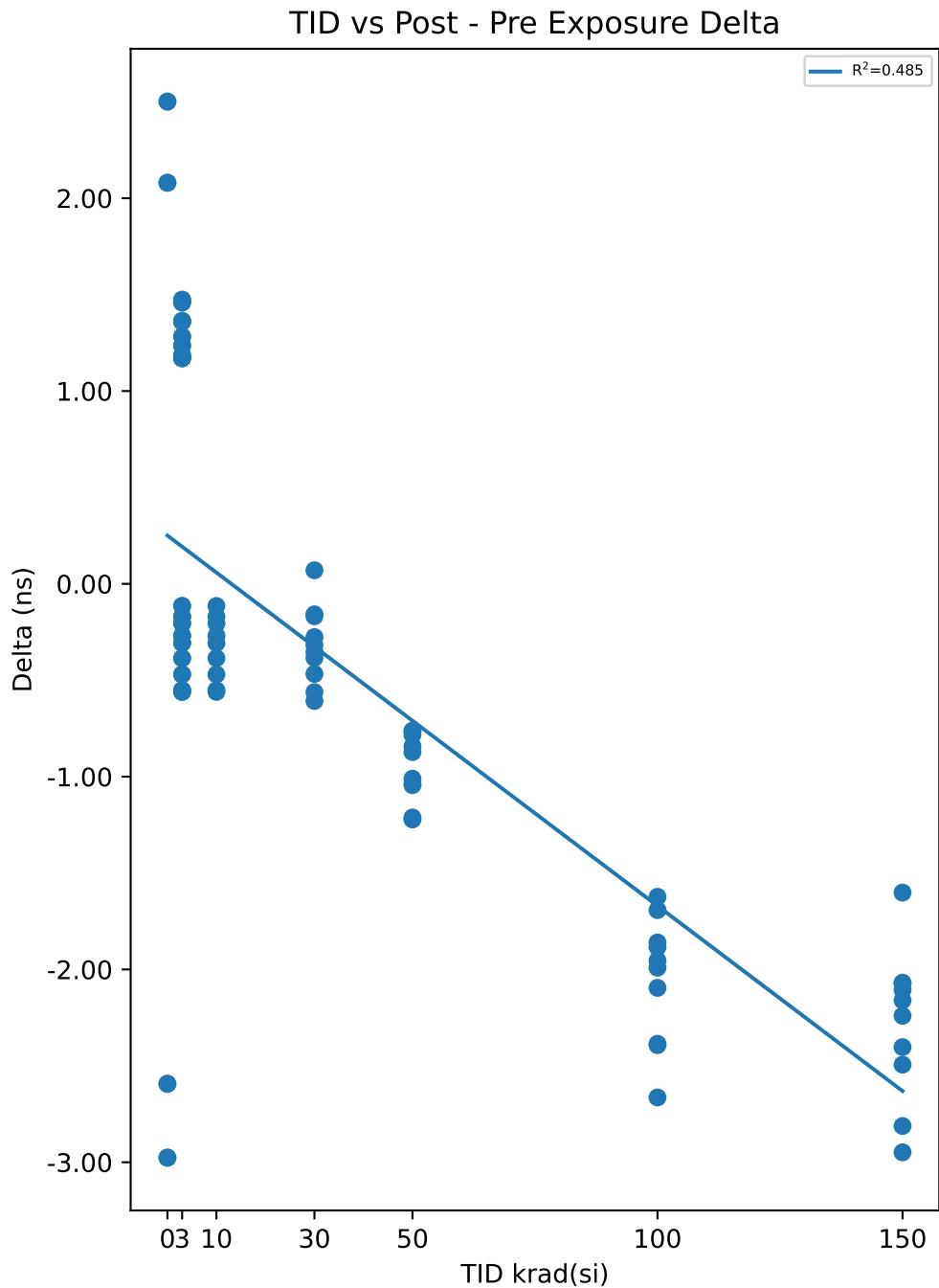
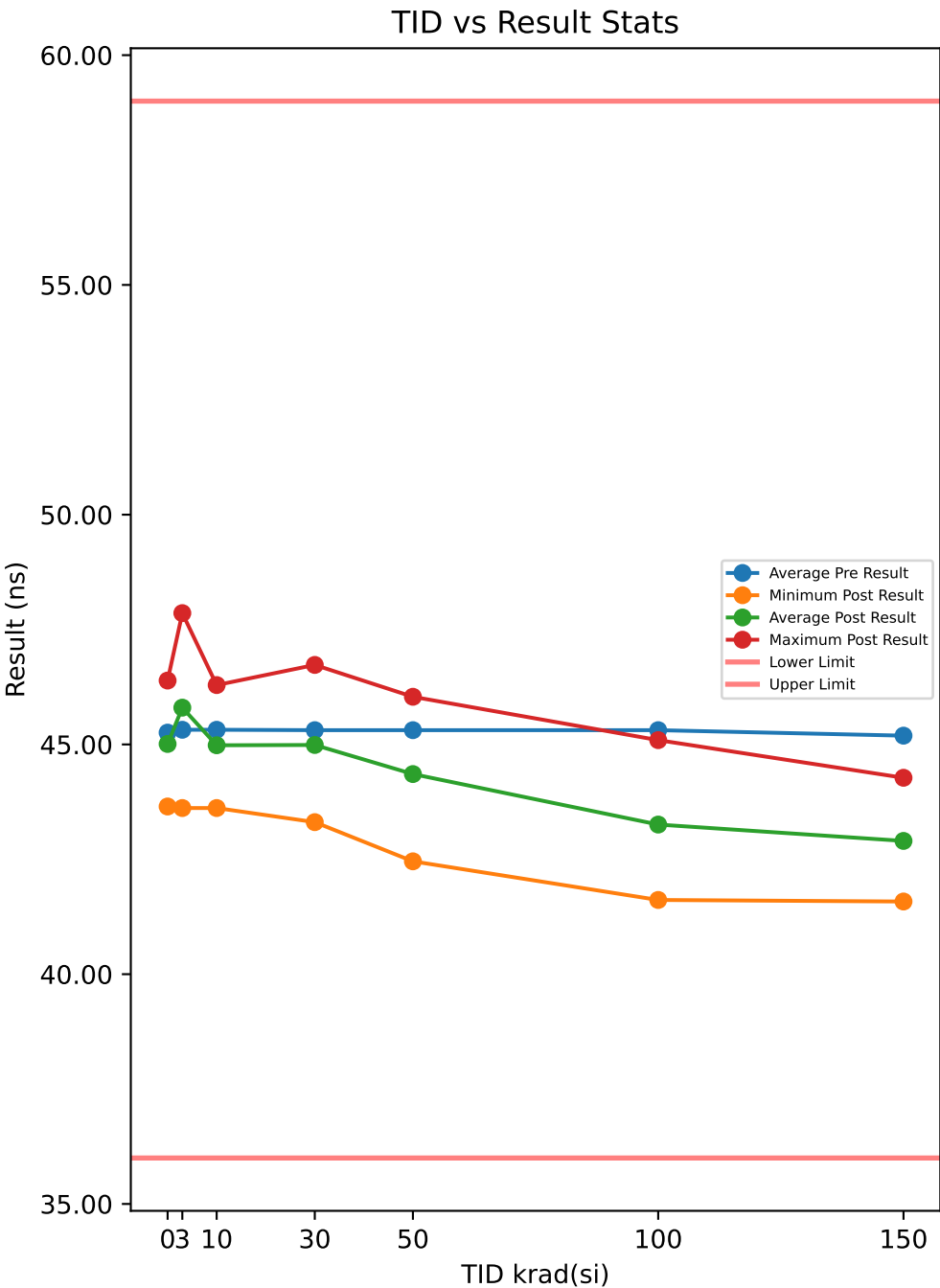
TID vs Post - Pre Exposure Delta



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	18.421	18.939	19.457	0.73277	18.148	18.608	19.067	0.64912	-1.3084	-0.33125	0.6459	1.3819
3	18.187	18.771	19.437	0.39529	19.431	20.089	20.781	0.43608	1.2136	1.3185	1.4465	0.074703
10	18.187	18.771	19.437	0.39529	17.963	18.642	19.463	0.43817	-0.275	-0.12859	0.0259	0.10195
30	18.314	18.87	19.457	0.45089	18.153	18.926	19.455	0.46043	-0.2677	0.05571	0.3145	0.17211
50	18.314	18.87	19.457	0.45089	17.846	18.494	19.09	0.39531	-0.6579	-0.37586	-0.0618	0.19595
100	18.314	18.87	19.457	0.45089	17.305	17.825	18.395	0.43623	-1.4602	-1.045	-0.8066	0.16824
150	18.289	18.773	19.422	0.32751	17.313	17.831	18.356	0.3213	-1.286	-0.94258	-0.2799	0.29871

Device Test: 96.13 DLH Dead Time Large 2MHz VIN_12V



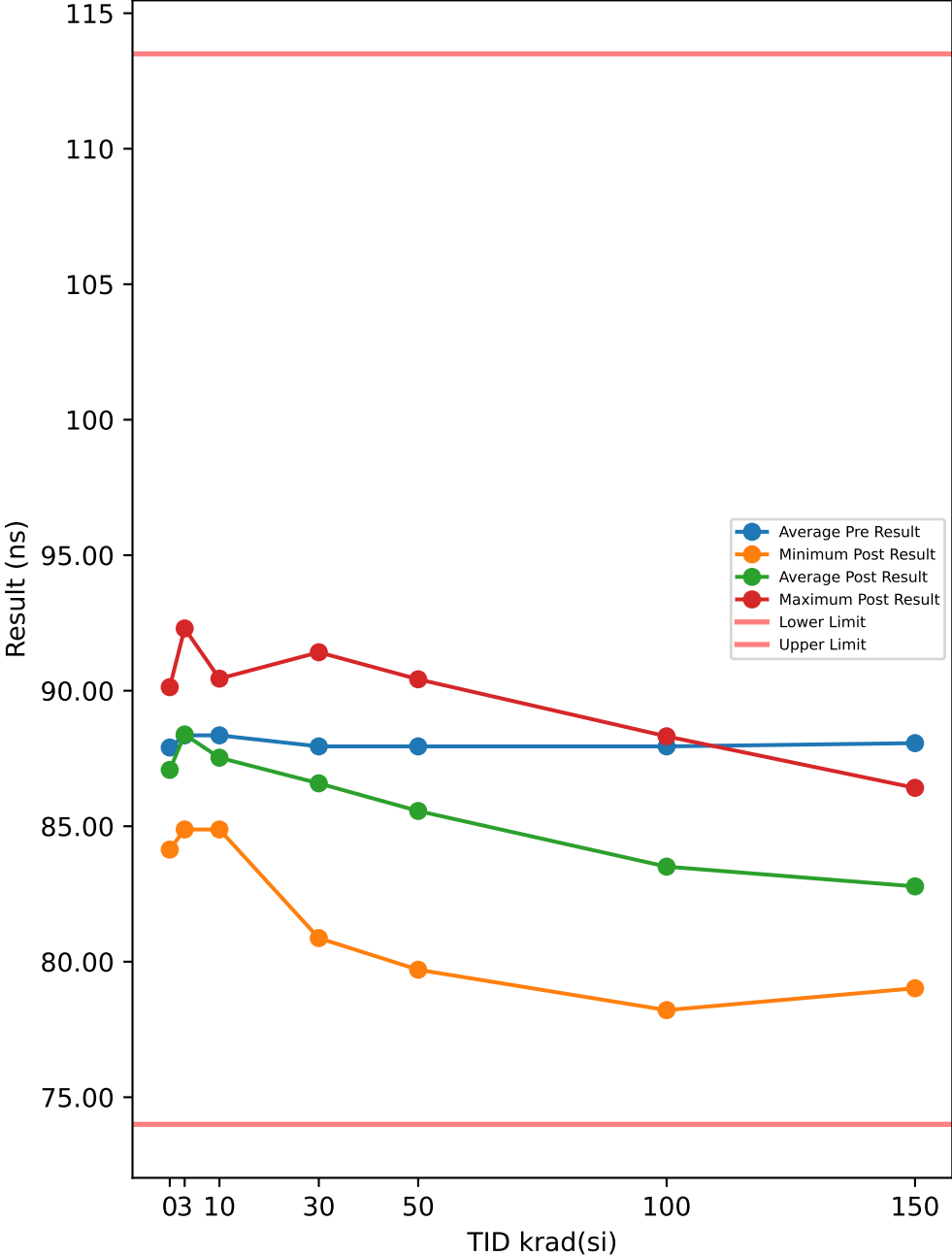
Test Results (Lower Limit = 36.0, Upper Limit = 59.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	46.625	43.649	-2.9761
2	0	CORRELATION	43.889	45.969	2.08
259	3	LDR Biased	45.202	46.566	1.3637
426	3	LDR Biased	45.243	46.702	1.4589
427	3	LDR Biased	45.552	47.026	1.4732
428	3	LDR Biased	44.33	45.503	1.1732
429	3	LDR Unbiased	44.002	45.284	1.2822
430	3	LDR Unbiased	46.673	47.858	1.185
431	3	LDR Unbiased	46.497	47.856	1.3592
432	3	LDR Unbiased	44.569	45.805	1.2352
433	3	LDR Unbiased	45.804	46.973	1.1695
1259	10	LDR Biased	45.202	45.031	-0.1705
1426	10	LDR Biased	45.243	44.974	-0.2689
1427	10	LDR Biased	45.552	45.438	-0.1147
1428	10	LDR Biased	44.33	43.778	-0.5515
1429	10	LDR Unbiased	44.002	43.616	-0.3858
1430	10	LDR Unbiased	46.673	46.203	-0.4697
1431	10	LDR Unbiased	46.497	46.292	-0.2051
1432	10	LDR Unbiased	44.569	44.263	-0.3067
1433	10	LDR Unbiased	45.804	45.244	-0.5602
2434	30	LDR Biased	43.802	43.634	-0.1681
2435	30	LDR Biased	46.777	46.424	-0.3533
2436	30	LDR Biased	43.238	43.309	0.0704
2437	30	LDR Biased	45.804	45.196	-0.6076
2438	30	LDR Biased	45.947	45.386	-0.5616
2439	30	LDR Unbiased	46.086	45.81	-0.2763
2440	30	LDR Unbiased	47.048	46.73	-0.3174
2441	30	LDR Unbiased	46.625	46.158	-0.4672
2443	30	LDR Unbiased	43.889	43.505	-0.3838
2444	30	LDR Unbiased	43.887	43.729	-0.158
3434	50	LDR Biased	43.802	43.041	-0.7613
3435	50	LDR Biased	46.777	45.905	-0.8725
3436	50	LDR Biased	43.238	42.456	-0.7825
3437	50	LDR Biased	45.804	44.767	-1.0374
3438	50	LDR Biased	45.947	44.735	-1.2119
3439	50	LDR Unbiased	46.086	45.042	-1.0441
3440	50	LDR Unbiased	47.048	46.037	-1.0107
3441	50	LDR Unbiased	46.625	45.403	-1.2222
3443	50	LDR Unbiased	43.889	43.046	-0.8431
3444	50	LDR Unbiased	43.887	43.121	-0.766
4434	100	LDR Biased	43.802	41.918	-1.8843
4435	100	LDR Biased	46.777	44.786	-1.9912
4436	100	LDR Biased	43.238	41.615	-1.6233
4437	100	LDR Biased	45.804	43.709	-2.0954
4438	100	LDR Biased	45.947	43.283	-2.6638
4439	100	LDR Unbiased	46.086	43.7	-2.3856
4440	100	LDR Unbiased	47.048	45.093	-1.9542
4441	100	LDR Unbiased	46.625	44.233	-2.3925
4443	100	LDR Unbiased	43.889	42.197	-1.6922
4444	100	LDR Unbiased	43.887	42.027	-1.8599
4500	150	LDR Biased	43.538	41.936	-1.6016
4501	150	LDR Biased	46.523	43.711	-2.812
4502	150	LDR Biased	45.803	43.734	-2.0685
4503	150	LDR Biased	46.609	43.66	-2.9485
4504	150	LDR Biased	43.697	41.591	-2.1062
4505	150	LDR Unbiased	44.898	42.658	-2.2403
4506	150	LDR Unbiased	44.412	42.34	-2.0727
4507	150	LDR Unbiased	43.984	41.582	-2.4028
4508	150	LDR Unbiased	46.434	44.274	-2.1599
4509	150	LDR Unbiased	46.01	43.516	-2.4938

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	43.889	45.257	46.625	1.9349	43.649	44.809	45.969	1.6403	-2.9761	-0.44805	2.08	3.5752
3	44.002	45.319	46.673	0.92233	45.284	46.619	47.858	0.93924	1.1695	1.3	1.4732	0.11919
10	44.002	45.319	46.673	0.92233	43.616	44.982	46.292	0.95645	-0.5602	-0.33701	-0.1147	0.16428
30	43.238	45.31	47.048	1.444	43.309	44.988	46.73	1.3242	-0.6076	-0.32229	0.0704	0.20318
50	43.238	45.31	47.048	1.444	42.456	44.355	46.037	1.3202	-1.2222	-0.95517	-0.7613	0.17561
100	43.238	45.31	47.048	1.444	41.615	43.256	45.093	1.2557	-2.6638	-2.0542	-1.6233	0.33248
150	43.538	45.191	46.609	1.2241	41.582	42.9	44.274	0.99736	-2.9485	-2.2906	-1.6016	0.3921

Device Test: 96.14 DLH Dead Time Max 2MHz VIN_12V

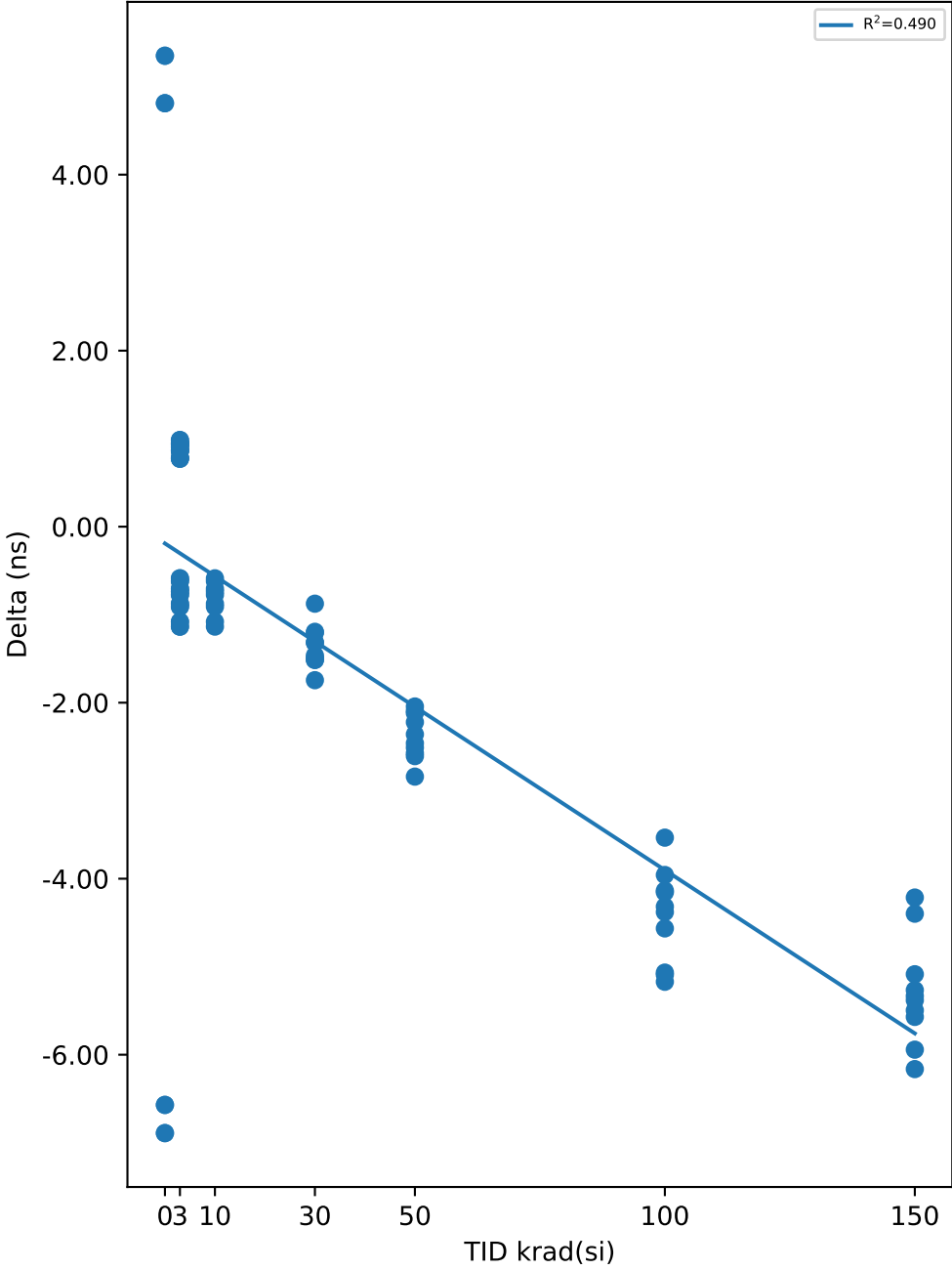
TID vs Result Stats



Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	91.028	84.137	-6.8909
2	0	CORRELATION	84.78	89.592	4.8117
259	3	LDR Biased	88.365	89.234	0.8694
426	3	LDR Biased	87.787	88.693	0.9056
427	3	LDR Biased	88.942	89.883	0.941
428	3	LDR Biased	86.36	87.313	0.9528
429	3	LDR Unbiased	85.788	86.721	0.932
430	3	LDR Unbiased	91.526	92.297	0.7719
431	3	LDR Unbiased	90.174	91.158	0.9843
432	3	LDR Unbiased	86.359	87.143	0.7833
433	3	LDR Unbiased	89.877	90.735	0.8585
1259	10	LDR Biased	88.365	87.659	-0.7052
1426	10	LDR Biased	87.787	87.013	-0.774
1427	10	LDR Biased	88.942	88.323	-0.6192
1428	10	LDR Biased	86.36	85.485	-0.8752
1429	10	LDR Unbiased	85.788	84.879	-0.909
1430	10	LDR Unbiased	91.526	90.446	-1.0799
1431	10	LDR Unbiased	90.174	89.587	-0.5868
1432	10	LDR Unbiased	86.359	85.622	-0.7375
1433	10	LDR Unbiased	89.877	88.741	-1.1355
2434	30	LDR Biased	84.031	82.826	-1.2047
2435	30	LDR Biased	91.567	90.254	-1.3132
2436	30	LDR Biased	81.747	80.872	-0.8751
2437	30	LDR Biased	89.158	87.646	-1.5116
2438	30	LDR Biased	88.616	87.101	-1.515
2439	30	LDR Unbiased	90.654	89.166	-1.4884
2440	30	LDR Unbiased	92.882	91.419	-1.4632
2441	30	LDR Unbiased	91.028	89.284	-1.7443
2443	30	LDR Unbiased	84.78	83.461	-1.319
2444	30	LDR Unbiased	84.995	83.801	-1.1946
3434	50	LDR Biased	84.031	81.938	-2.0924
3435	50	LDR Biased	91.567	89.449	-2.1185
3436	50	LDR Biased	81.747	79.704	-2.0432
3437	50	LDR Biased	89.158	86.798	-2.3595
3438	50	LDR Biased	88.616	86.394	-2.2216
3439	50	LDR Unbiased	90.654	88.047	-2.6073
3440	50	LDR Unbiased	92.882	90.422	-2.4607
3441	50	LDR Unbiased	91.028	88.188	-2.84
3443	50	LDR Unbiased	84.78	82.27	-2.51
3444	50	LDR Unbiased	84.995	82.421	-2.5742
4434	100	LDR Biased	84.031	79.876	-4.1542
4435	100	LDR Biased	91.567	87.25	-4.3173
4436	100	LDR Biased	81.747	78.214	-3.5336
4437	100	LDR Biased	89.158	85.2	-3.9578
4438	100	LDR Biased	88.616	83.445	-5.1711
4439	100	LDR Unbiased	90.654	85.587	-5.067
4440	100	LDR Unbiased	92.882	88.317	-4.5648
4441	100	LDR Unbiased	91.028	85.937	-5.0912
4443	100	LDR Unbiased	84.78	80.644	-4.1357
4444	100	LDR Unbiased	84.995	80.616	-4.3791
4500	150	LDR Biased	83.235	79.021	-4.2142
4501	150	LDR Biased	91.242	85.299	-5.9425
4502	150	LDR Biased	90.118	85.032	-5.0856
4503	150	LDR Biased	91.152	84.989	-6.1634
4504	150	LDR Biased	84.394	79.996	-4.3976
4505	150	LDR Unbiased	86.738	81.472	-5.266
4506	150	LDR Unbiased	86.319	80.938	-5.3809
4507	150	LDR Unbiased	85.389	80.056	-5.3335
4508	150	LDR Unbiased	91.912	86.415	-5.4962
4509	150	LDR Unbiased	90.156	84.585	-5.5704

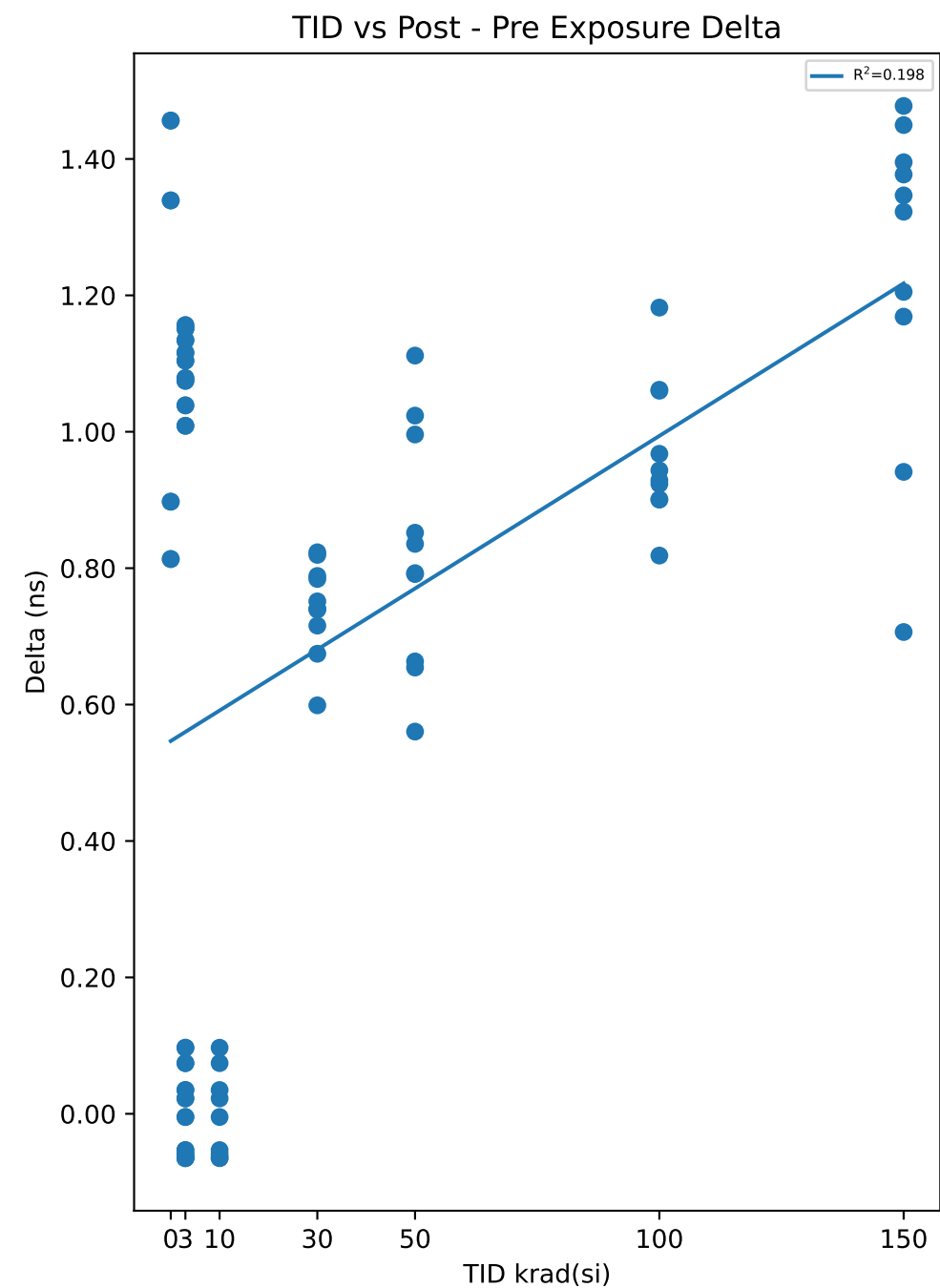
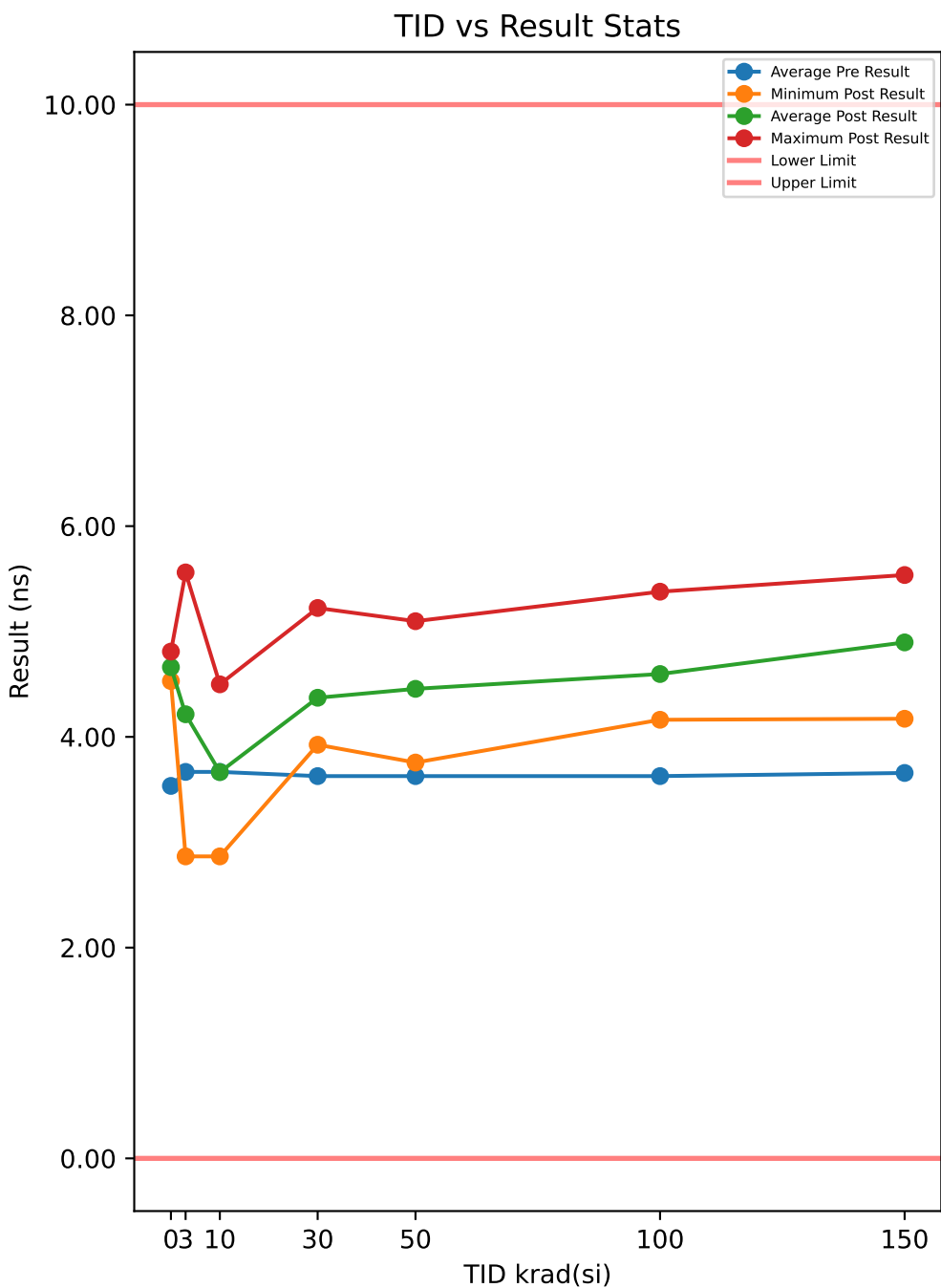
TID vs Post - Pre Exposure Delta



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	84.78	87.904	91.028	4.4178	84.137	86.864	89.592	3.8572	-6.8909	-1.0396	4.8117	8.275
3	85.788	88.353	91.526	1.965	86.721	89.242	92.297	1.9505	0.7719	0.88876	0.9843	0.074313
10	85.788	88.353	91.526	1.965	84.879	87.528	90.446	1.9351	-1.1355	-0.8247	-0.5868	0.19192
30	81.747	87.946	92.882	3.7818	80.872	86.583	91.419	3.597	-1.7443	-1.3629	-0.8751	0.23857
50	81.747	87.946	92.882	3.7818	79.704	85.563	90.422	3.6843	-2.84	-2.3827	-2.0432	0.26127
100	81.747	87.946	92.882	3.7818	78.214	83.509	88.317	3.4642	-5.1711	-4.4372	-3.5336	0.53896
150	83.235	88.065	91.912	3.1934	79.021	82.78	86.415	2.7321	-6.1634	-5.285	-4.2142	0.60697

Device Test: 96.19 DHL Dead Time Min 500kHz VIN_12V



Test Results (Lower Limit = 0.0,
Upper Limit = 10.0 (ns))

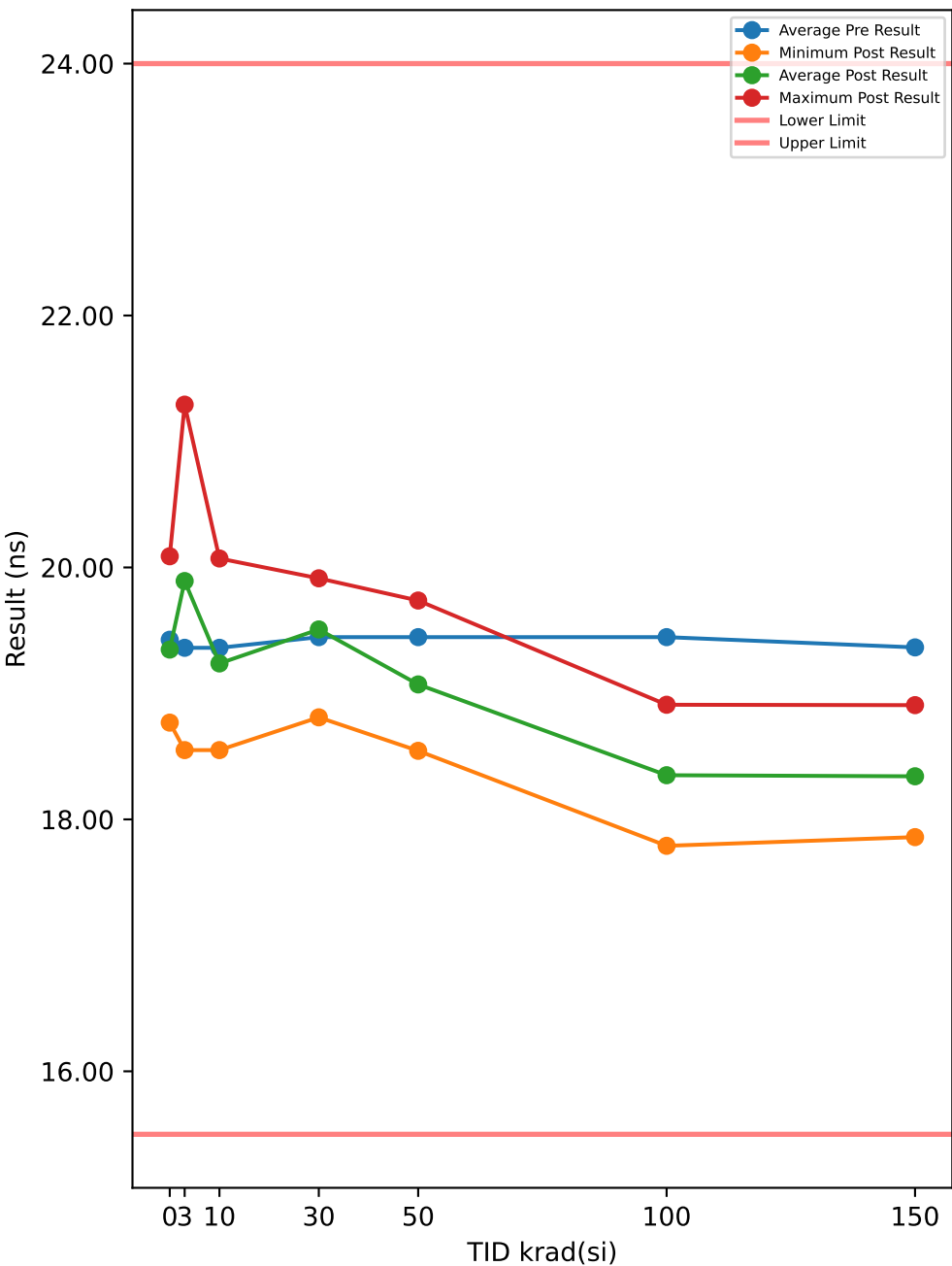
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.3531	4.6923	1.3392
2	0	CORRELATION	3.7163	4.5297	0.8134
259	3	LDR Biased	3.3462	4.4504	1.1042
426	3	LDR Biased	3.4859	4.5606	1.0747
427	3	LDR Biased	4.5519	5.5607	1.0088
428	3	LDR Biased	3.7693	4.8852	1.1159
429	3	LDR Unbiased	2.7915	3.9257	1.1342
430	3	LDR Unbiased	3.8001	4.9512	1.1511
431	3	LDR Unbiased	3.9296	5.0859	1.1563
432	3	LDR Unbiased	3.4697	4.5484	1.0787
433	3	LDR Unbiased	3.8648	4.9035	1.0387
1259	10	LDR Biased	3.3462	3.2814	-0.0648
1426	10	LDR Biased	3.4859	3.5208	0.0349
1427	10	LDR Biased	4.5519	4.4987	-0.0532
1428	10	LDR Biased	3.7693	3.7919	0.0226
1429	10	LDR Unbiased	2.7915	2.8658	0.0743
1430	10	LDR Unbiased	3.8001	3.897	0.0969
1431	10	LDR Unbiased	3.9296	3.8646	-0.065
1432	10	LDR Unbiased	3.4697	3.4103	-0.0594
1433	10	LDR Unbiased	3.8648	3.8601	-0.0047
2434	30	LDR Biased	3.1021	3.9254	0.8233
2435	30	LDR Biased	4.4345	5.2231	0.7886
2436	30	LDR Biased	3.3872	4.1264	0.7392
2437	30	LDR Biased	3.9255	4.6768	0.7513
2438	30	LDR Biased	3.8799	4.5957	0.7158
2439	30	LDR Unbiased	3.3866	4.0611	0.6745
2440	30	LDR Unbiased	3.6168	4.4363	0.8195
2441	30	LDR Unbiased	3.3531	4.0939	0.7408
2443	30	LDR Unbiased	3.7163	4.5005	0.7842
2444	30	LDR Unbiased	3.4751	4.074	0.5989
3434	50	LDR Biased	3.1021	3.7564	0.6543
3435	50	LDR Biased	4.4345	5.0978	0.6633
3436	50	LDR Biased	3.3872	4.2228	0.8356
3437	50	LDR Biased	3.9255	4.9215	0.996
3438	50	LDR Biased	3.8799	4.9916	1.1117
3439	50	LDR Unbiased	3.3866	4.1793	0.7927
3440	50	LDR Unbiased	3.6168	4.4082	0.7914
3441	50	LDR Unbiased	3.3531	4.3768	1.0237
3443	50	LDR Unbiased	3.7163	4.5683	0.852
3444	50	LDR Unbiased	3.4751	4.0355	0.5604
4434	100	LDR Biased	3.1021	4.1623	1.0602
4435	100	LDR Biased	4.4345	5.3779	0.9434
4436	100	LDR Biased	3.3872	4.3549	0.9677
4437	100	LDR Biased	3.9255	5.1076	1.1821
4438	100	LDR Biased	3.8799	4.9415	1.0616
4439	100	LDR Unbiased	3.3866	4.3101	0.9235
4440	100	LDR Unbiased	3.6168	4.5174	0.9006
4441	100	LDR Unbiased	3.3531	4.282	0.9289
4443	100	LDR Unbiased	3.7163	4.5348	0.8185
4444	100	LDR Unbiased	3.4751	4.3759	0.9008
4500	150	LDR Biased	3.6318	4.8006	1.1688
4501	150	LDR Biased	3.2921	4.6387	1.3466
4502	150	LDR Biased	3.6588	5.1365	1.4777
4503	150	LDR Biased	3.9552	5.2778	1.3226
4504	150	LDR Biased	4.1589	5.5361	1.3772
4505	150	LDR Unbiased	3.3334	4.7831	1.4497
4506	150	LDR Unbiased	3.6654	5.0606	1.3952
4507	150	LDR Unbiased	4.2836	4.99	0.7064
4508	150	LDR Unbiased	3.2308	4.172	0.9412
4509	150	LDR Unbiased	3.3648	4.5699	1.2051

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	3.3531	3.5347	3.7163	0.25682	4.5297	4.611	4.6923	0.11498	0.8134	1.0763	1.3392	0.3718
3	2.7915	3.6677	4.5519	0.48224	3.9257	4.7635	5.5607	0.4605	1.0088	1.0958	1.1563	0.050292
10	2.7915	3.6677	4.5519	0.48224	2.8658	3.6656	4.4987	0.46293	-0.065	-0.0020444	0.0969	0.062656
30	3.1021	3.6277	4.4345	0.38037	3.9254	4.3713	5.2231	0.39589	0.5989	0.74361	0.8233	0.068604
50	3.1021	3.6277	4.4345	0.38037	3.7564	4.4558	5.0978	0.43892	0.5604	0.82811	1.1117	0.17611
100	3.1021	3.6277	4.4345	0.38037	4.1623	4.5964	5.3779	0.40516	0.8185	0.96873	1.1821	0.10468
150	3.2308	3.6575	4.2836	0.37104	4.172	4.8965	5.5361	0.38985	0.7064	1.239	1.4777	0.24537

Device Test: 96.2 DLH Dead Time Mid 500kHz VIN_12V

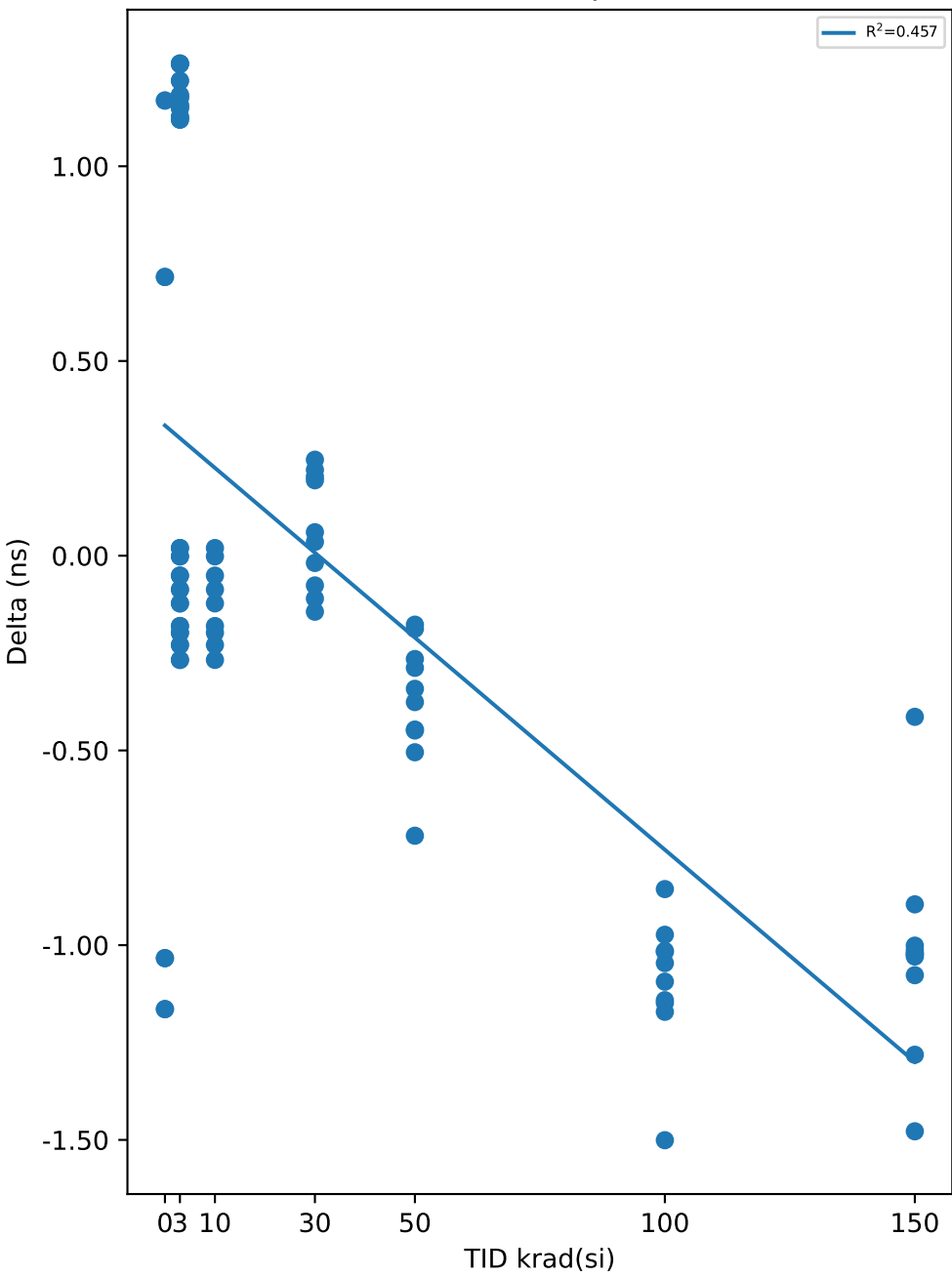
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.932	18.768	-1.1642
2	0	CORRELATION	18.92	19.636	0.7157
259	3	LDR Biased	19.216	20.48	1.2638
426	3	LDR Biased	19.526	20.702	1.176
427	3	LDR Biased	19.434	20.697	1.2624
428	3	LDR Biased	18.873	19.993	1.1197
429	3	LDR Unbiased	18.779	19.928	1.1492
430	3	LDR Unbiased	19.809	20.936	1.1268
431	3	LDR Unbiased	20.073	21.293	1.2196
432	3	LDR Unbiased	19.298	20.481	1.1828
433	3	LDR Unbiased	19.249	20.406	1.1567
1259	10	LDR Biased	19.216	19.165	-0.0511
1426	10	LDR Biased	19.526	19.329	-0.1978
1427	10	LDR Biased	19.434	19.454	0.0197
1428	10	LDR Biased	18.873	18.693	-0.1806
1429	10	LDR Unbiased	18.779	18.55	-0.2292
1430	10	LDR Unbiased	19.809	19.542	-0.2675
1431	10	LDR Unbiased	20.073	20.071	-0.0017
1432	10	LDR Unbiased	19.298	19.212	-0.0868
1433	10	LDR Unbiased	19.249	19.127	-0.1224
2434	30	LDR Biased	18.974	19.177	0.203
2435	30	LDR Biased	20.025	19.881	-0.1438
2436	30	LDR Biased	19.041	19.234	0.1937
2437	30	LDR Biased	19.549	19.584	0.0355
2438	30	LDR Biased	19.859	19.783	-0.0763
2439	30	LDR Unbiased	19.463	19.709	0.2465
2440	30	LDR Unbiased	19.766	19.826	0.0603
2441	30	LDR Unbiased	19.932	19.914	-0.0186
2443	30	LDR Unbiased	18.92	18.81	-0.11
2444	30	LDR Unbiased	18.939	19.159	0.2203
3434	50	LDR Biased	18.974	18.797	-0.1771
3435	50	LDR Biased	20.025	19.737	-0.2879
3436	50	LDR Biased	19.041	18.775	-0.2653
3437	50	LDR Biased	19.549	19.044	-0.5047
3438	50	LDR Biased	19.859	19.14	-0.719
3439	50	LDR Unbiased	19.463	19.014	-0.4488
3440	50	LDR Unbiased	19.766	19.578	-0.1876
3441	50	LDR Unbiased	19.932	19.486	-0.4464
3443	50	LDR Unbiased	18.92	18.544	-0.3758
3444	50	LDR Unbiased	18.939	18.597	-0.3418
4434	100	LDR Biased	18.974	17.928	-1.046
4435	100	LDR Biased	20.025	18.884	-1.1413
4436	100	LDR Biased	19.041	18.067	-0.9733
4437	100	LDR Biased	19.549	18.532	-1.0167
4438	100	LDR Biased	19.859	18.358	-1.5008
4439	100	LDR Unbiased	19.463	18.292	-1.1711
4440	100	LDR Unbiased	19.766	18.91	-0.856
4441	100	LDR Unbiased	19.932	18.839	-1.0937
4443	100	LDR Unbiased	18.92	17.905	-1.0148
4444	100	LDR Unbiased	18.939	17.79	-1.1483
4500	150	LDR Biased	19.197	18.196	-1.0012
4501	150	LDR Biased	19.6	18.319	-1.2814
4502	150	LDR Biased	19.456	18.443	-1.0128
4503	150	LDR Biased	19.955	18.477	-1.4779
4504	150	LDR Biased	19.087	18.066	-1.0216
4505	150	LDR Unbiased	19.6	18.57	-1.0291
4506	150	LDR Unbiased	19.097	18.074	-1.0228
4507	150	LDR Unbiased	18.936	17.859	-1.0771
4508	150	LDR Unbiased	19.321	18.907	-0.4137
4509	150	LDR Unbiased	19.405	18.51	-0.8952

TID vs Post - Pre Exposure Delta

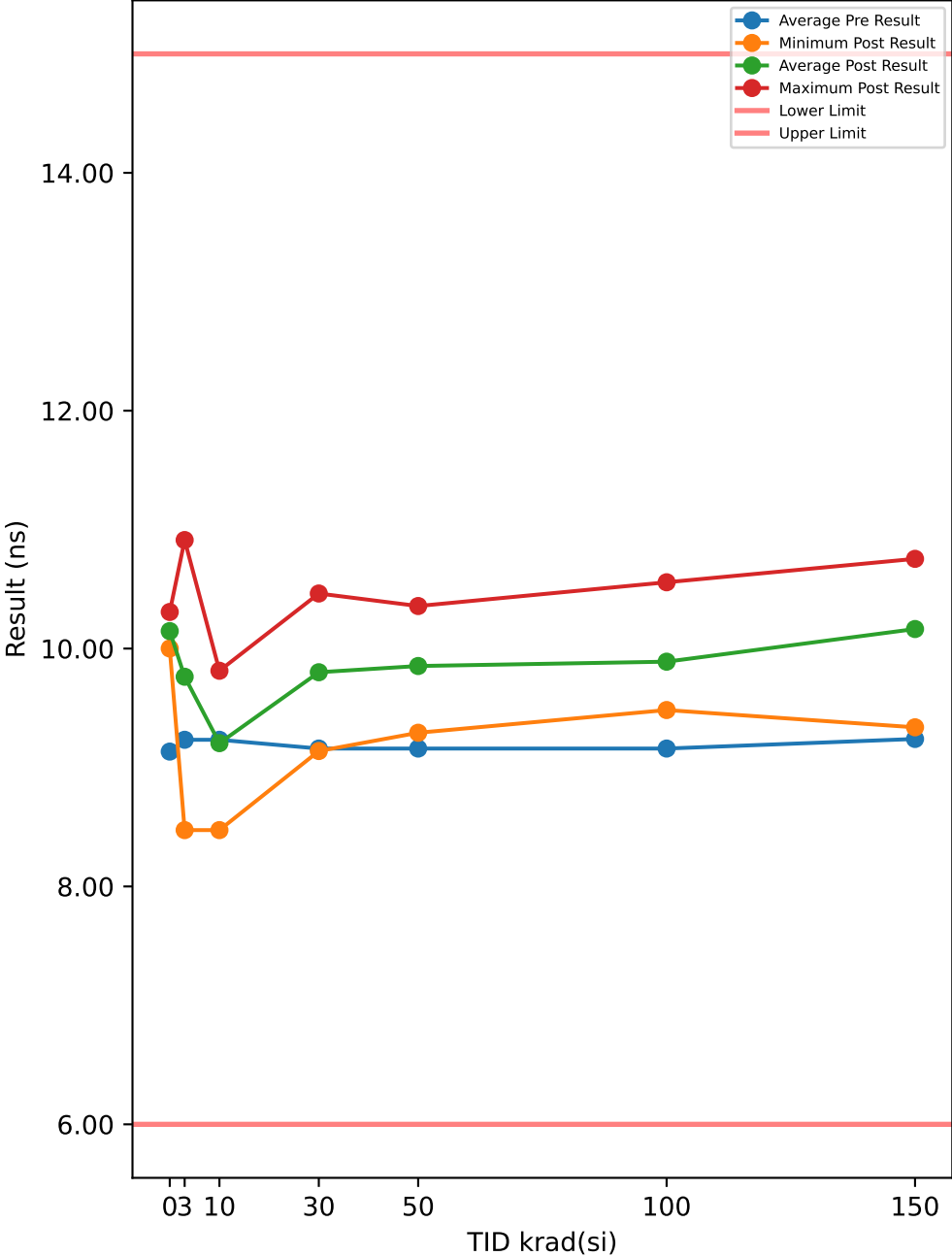


Test Statistics (ns)

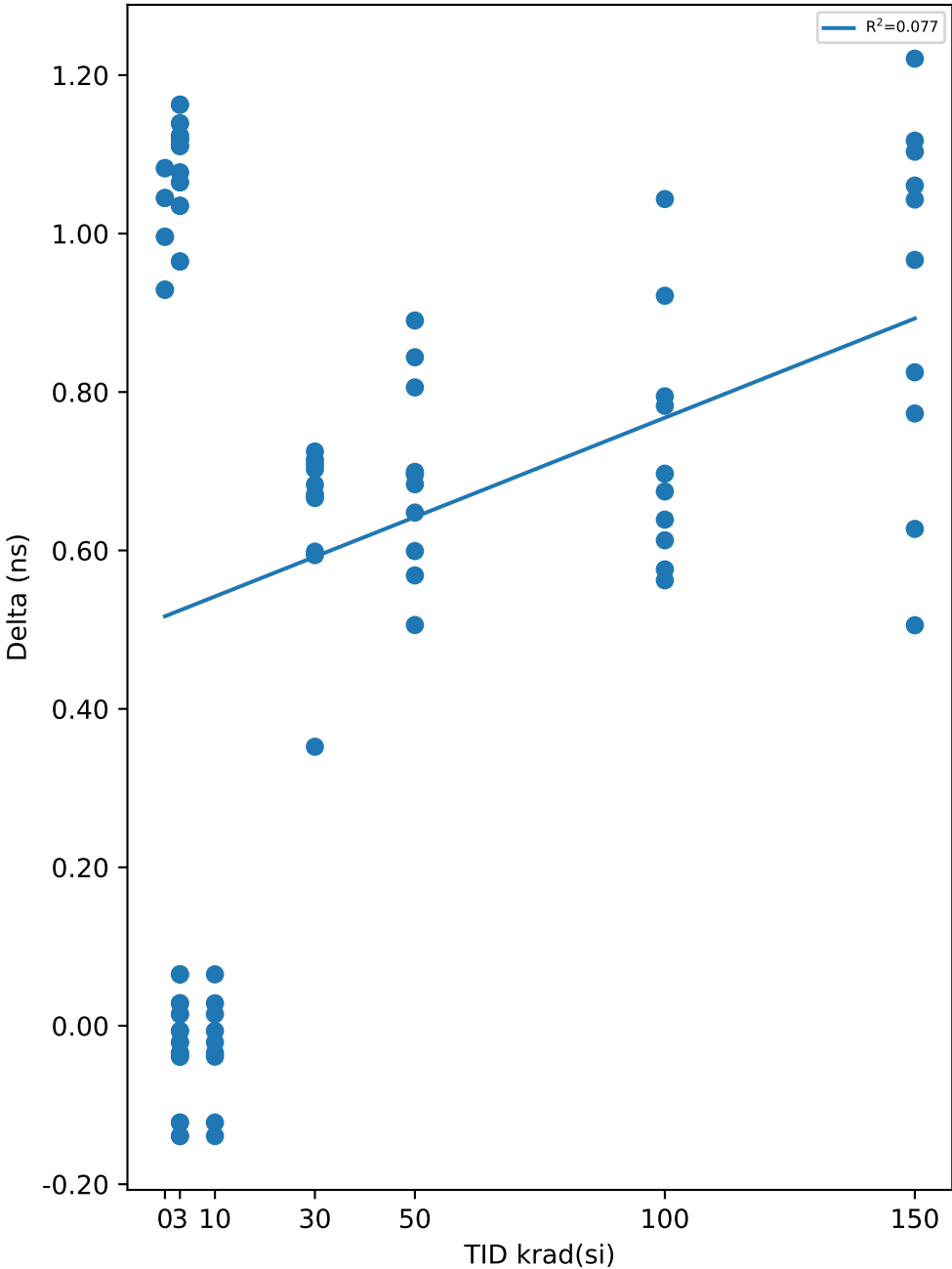
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.92	19.426	19.932	0.7158	18.768	19.202	19.636	0.61349	-1.1642	-0.22425	0.7157	1.3293
3	18.779	19.362	20.073	0.41143	19.928	20.546	21.293	0.42894	1.1197	1.1841	1.2638	0.053863
10	18.779	19.362	20.073	0.41143	18.55	19.238	20.071	0.45144	-0.2675	-0.12416	0.0197	0.10162
30	18.92	19.447	20.025	0.44433	18.81	19.508	19.914	0.38304	-0.1438	0.06106	0.2465	0.14704
50	18.92	19.447	20.025	0.44433	18.544	19.071	19.737	0.41462	-0.719	-0.37544	-0.1771	0.16354
100	18.92	19.447	20.025	0.44433	17.79	18.351	18.91	0.42725	-1.5008	-1.0962	-0.856	0.17073
150	18.936	19.365	19.955	0.3039	17.859	18.342	18.907	0.30386	-1.4779	-1.0233	-0.4137	0.27179

Device Test: 96.20 DHL Dead Time Small 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

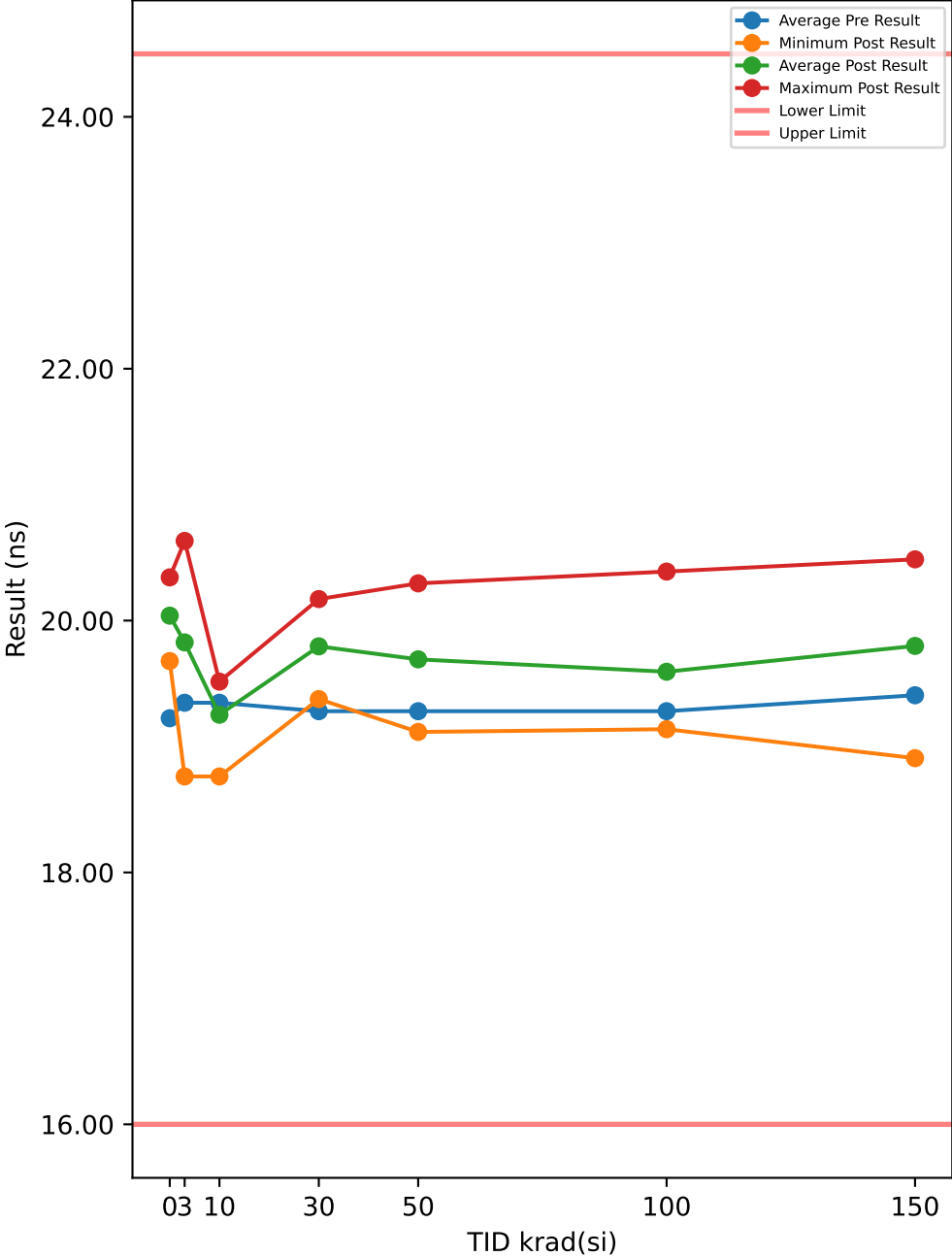
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.0048	10.001	0.996
2	0	CORRELATION	9.2628	10.192	0.9291
259	3	LDR Biased	9.1444	10.18	1.0351
426	3	LDR Biased	9.1203	10.244	1.1235
427	3	LDR Biased	9.8477	10.912	1.0647
428	3	LDR Biased	9.3975	10.508	1.1105
429	3	LDR Unbiased	8.4591	9.6218	1.1627
430	3	LDR Unbiased	9.3469	10.486	1.1391
431	3	LDR Unbiased	9.3552	10.32	0.9648
432	3	LDR Unbiased	9.0675	10.186	1.1182
433	3	LDR Unbiased	9.3587	10.436	1.0771
1259	10	LDR Biased	9.1444	9.0222	-0.1222
1426	10	LDR Biased	9.1203	9.1852	0.0649
1427	10	LDR Biased	9.8477	9.8134	-0.0343
1428	10	LDR Biased	9.3975	9.3766	-0.0209
1429	10	LDR Unbiased	8.4591	8.4737	0.0146
1430	10	LDR Unbiased	9.3469	9.3753	0.0284
1431	10	LDR Unbiased	9.3552	9.216	-0.1392
1432	10	LDR Unbiased	9.0675	9.0285	-0.039
1433	10	LDR Unbiased	9.3587	9.3522	-0.0065
2434	30	LDR Biased	8.7863	9.1385	0.3522
2435	30	LDR Biased	9.738	10.463	0.7249
2436	30	LDR Biased	8.8659	9.4644	0.5985
2437	30	LDR Biased	9.5138	10.229	0.7147
2438	30	LDR Biased	9.3996	10.07	0.6708
2439	30	LDR Unbiased	8.8479	9.5565	0.7086
2440	30	LDR Unbiased	9.1224	9.7165	0.5941
2441	30	LDR Unbiased	9.0048	9.6879	0.6831
2443	30	LDR Unbiased	9.2628	9.9654	0.7026
2444	30	LDR Unbiased	9.052	9.7181	0.6661
3434	50	LDR Biased	8.7863	9.2922	0.5059
3435	50	LDR Biased	9.738	10.337	0.5992
3436	50	LDR Biased	8.8659	9.6717	0.8058
3437	50	LDR Biased	9.5138	10.358	0.8439
3438	50	LDR Biased	9.3996	10.29	0.8903
3439	50	LDR Unbiased	8.8479	9.5315	0.6836
3440	50	LDR Unbiased	9.1224	9.8183	0.6959
3441	50	LDR Unbiased	9.0048	9.704	0.6992
3443	50	LDR Unbiased	9.2628	9.9106	0.6478
3444	50	LDR Unbiased	9.052	9.6205	0.5685
4434	100	LDR Biased	8.7863	9.4832	0.6969
4435	100	LDR Biased	9.738	10.533	0.7945
4436	100	LDR Biased	8.8659	9.7874	0.9215
4437	100	LDR Biased	9.5138	10.557	1.0436
4438	100	LDR Biased	9.3996	10.182	0.7826
4439	100	LDR Unbiased	8.8479	9.5224	0.6745
4440	100	LDR Unbiased	9.1224	9.6985	0.5761
4441	100	LDR Unbiased	9.0048	9.6176	0.6128
4443	100	LDR Unbiased	9.2628	9.8251	0.5623
4444	100	LDR Unbiased	9.052	9.6909	0.6389
4500	150	LDR Biased	9.2719	10.097	0.8249
4501	150	LDR Biased	8.9506	9.9936	1.043
4502	150	LDR Biased	9.2489	10.309	1.0606
4503	150	LDR Biased	9.6618	10.629	0.9668
4504	150	LDR Biased	9.651	10.754	1.1034
4505	150	LDR Unbiased	8.9793	10.2	1.2208
4506	150	LDR Unbiased	9.2122	10.329	1.1173
4507	150	LDR Unbiased	9.7259	10.232	0.5056
4508	150	LDR Unbiased	8.7108	9.338	0.6272
4509	150	LDR Unbiased	8.9879	9.7608	0.7729

Test Statistics (ns)

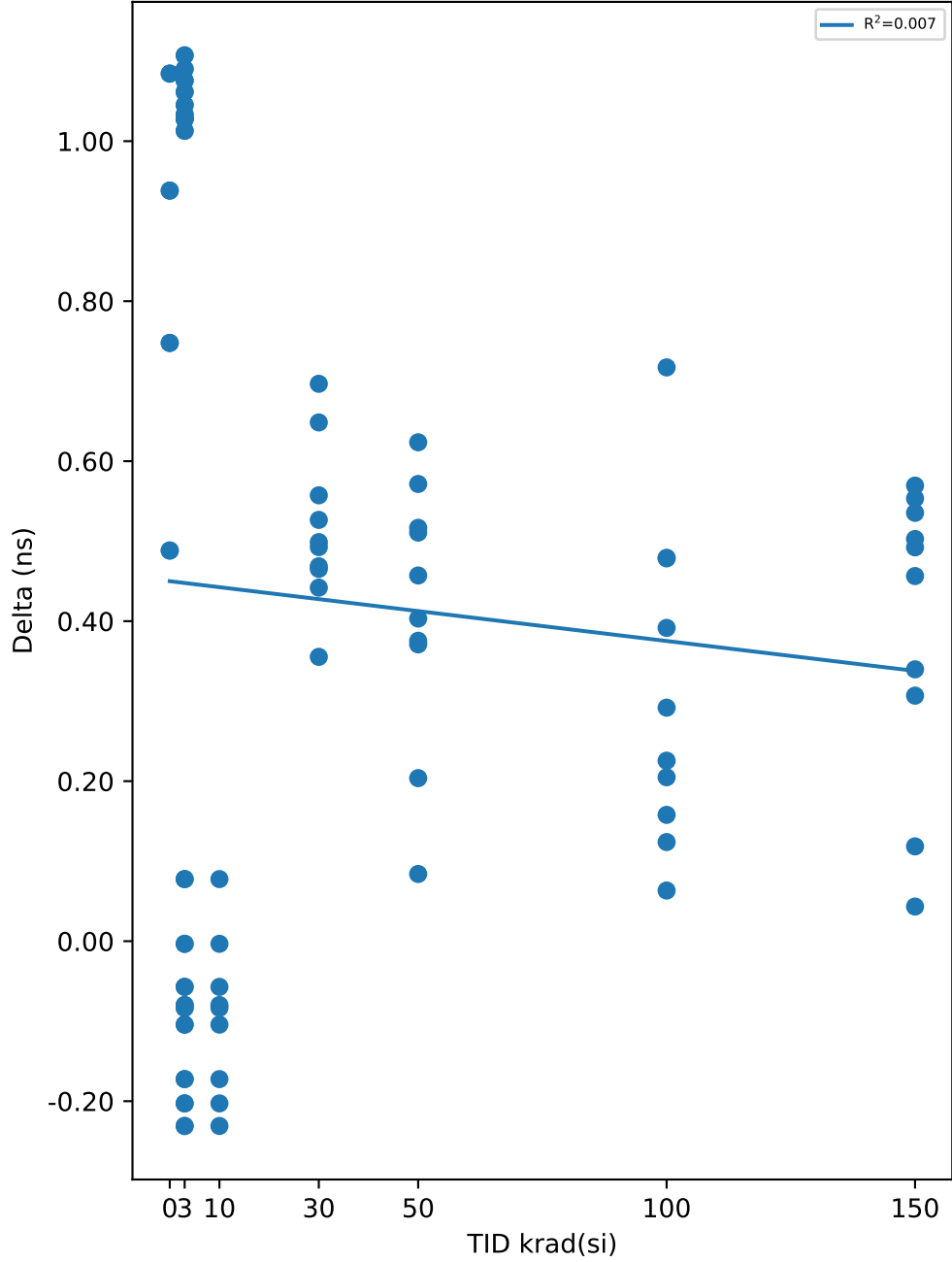
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.0048	9.1338	9.2628	0.18243	10.001	10.096	10.192	0.13513	0.9291	0.96255	0.996	0.047305
3	8.4591	9.233	9.8477	0.37005	9.6218	10.321	10.912	0.3461	0.9648	1.0884	1.1627	0.060732
10	8.4591	9.233	9.8477	0.37005	8.4737	9.2048	9.8134	0.36231	-0.1392	-0.028244	0.0649	0.06665
30	8.7863	9.1593	9.738	0.3141	9.1385	9.8009	10.463	0.38862	0.3522	0.64156	0.7249	0.11132
50	8.7863	9.1593	9.738	0.3141	9.2922	9.8534	10.358	0.3669	0.5059	0.69401	0.8903	0.12288
100	8.7863	9.1593	9.738	0.3141	9.4832	9.8897	10.557	0.39574	0.5623	0.73037	1.0436	0.15633
150	8.7108	9.24	9.7259	0.34643	9.338	10.164	10.754	0.40787	0.5056	0.92425	1.2208	0.23288

Device Test: 96.21 DHL Dead Time Mid 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

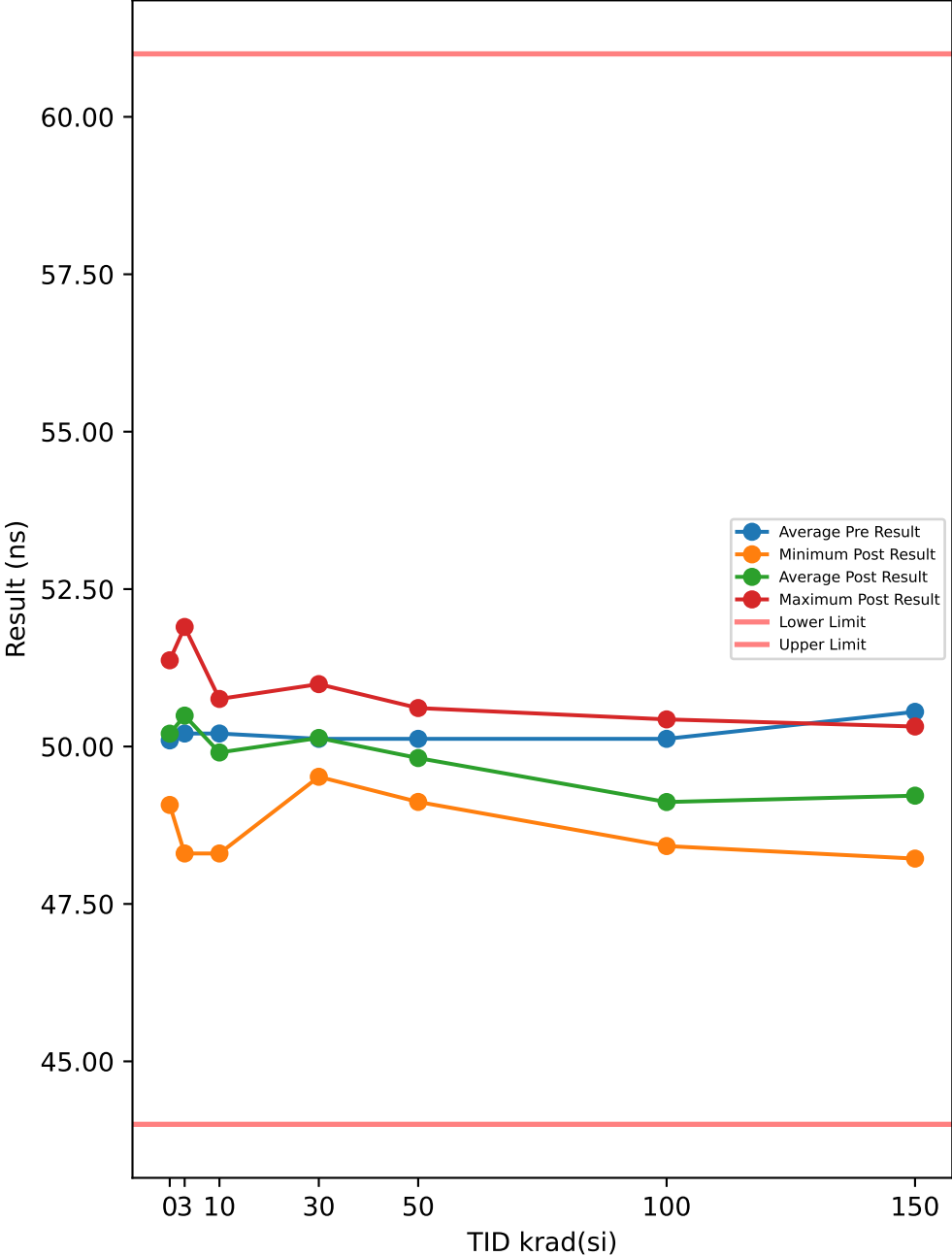
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.19	19.678	0.4883
2	0	CORRELATION	19.259	20.197	0.9382
259	3	LDR Biased	19.456	20.532	1.0757
426	3	LDR Biased	19.365	20.455	1.0901
427	3	LDR Biased	19.524	20.552	1.028
428	3	LDR Biased	19.619	20.633	1.013
429	3	LDR Unbiased	18.842	19.949	1.1072
430	3	LDR Unbiased	19.37	20.432	1.0615
431	3	LDR Unbiased	19.12	20.165	1.0452
432	3	LDR Unbiased	19.382	20.41	1.0276
433	3	LDR Unbiased	19.449	20.482	1.0333
1259	10	LDR Biased	19.456	19.283	-0.1724
1426	10	LDR Biased	19.365	19.443	0.0776
1427	10	LDR Biased	19.524	19.467	-0.0571
1428	10	LDR Biased	19.619	19.515	-0.1043
1429	10	LDR Unbiased	18.842	18.762	-0.0798
1430	10	LDR Unbiased	19.37	19.367	-0.0033
1431	10	LDR Unbiased	19.12	18.889	-0.231
1432	10	LDR Unbiased	19.382	19.179	-0.2028
1433	10	LDR Unbiased	19.449	19.365	-0.0834
2434	30	LDR Biased	18.911	19.377	0.4653
2435	30	LDR Biased	19.484	20.132	0.6484
2436	30	LDR Biased	19.073	19.428	0.3554
2437	30	LDR Biased	19.672	20.171	0.4988
2438	30	LDR Biased	19.664	20.132	0.4686
2439	30	LDR Unbiased	18.912	19.469	0.5573
2440	30	LDR Unbiased	19.265	19.707	0.4419
2441	30	LDR Unbiased	19.19	19.683	0.4926
2443	30	LDR Unbiased	19.259	19.955	0.6967
2444	30	LDR Unbiased	19.374	19.901	0.5266
3434	50	LDR Biased	18.911	19.282	0.371
3435	50	LDR Biased	19.484	19.859	0.3755
3436	50	LDR Biased	19.073	19.644	0.5715
3437	50	LDR Biased	19.672	20.296	0.6236
3438	50	LDR Biased	19.664	20.121	0.4571
3439	50	LDR Unbiased	18.912	19.116	0.2038
3440	50	LDR Unbiased	19.265	19.782	0.5167
3441	50	LDR Unbiased	19.19	19.701	0.5107
3443	50	LDR Unbiased	19.259	19.662	0.4033
3444	50	LDR Unbiased	19.374	19.458	0.084
4434	100	LDR Biased	18.911	19.303	0.3916
4435	100	LDR Biased	19.484	19.963	0.4792
4436	100	LDR Biased	19.073	19.551	0.4785
4437	100	LDR Biased	19.672	20.389	0.7172
4438	100	LDR Biased	19.664	19.822	0.1579
4439	100	LDR Unbiased	18.912	19.137	0.2256
4440	100	LDR Unbiased	19.265	19.329	0.0633
4441	100	LDR Unbiased	19.19	19.314	0.1239
4443	100	LDR Unbiased	19.259	19.551	0.2919
4444	100	LDR Unbiased	19.374	19.579	0.2049
4500	150	LDR Biased	19.596	20.099	0.5027
4501	150	LDR Biased	19.243	19.582	0.3398
4502	150	LDR Biased	19.22	19.773	0.5534
4503	150	LDR Biased	19.951	20.486	0.5354
4504	150	LDR Biased	19.791	20.36	0.5694
4505	150	LDR Unbiased	19.205	19.698	0.4923
4506	150	LDR Unbiased	19.378	19.835	0.4564
4507	150	LDR Unbiased	19.686	19.805	0.1185
4508	150	LDR Unbiased	18.864	18.907	0.0433
4509	150	LDR Unbiased	19.136	19.443	0.3069

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	19.19	19.224	19.259	0.048437	19.678	19.938	20.197	0.36656	0.4883	0.71325	0.9382	0.31813
3	18.842	19.348	19.619	0.23354	19.949	20.401	20.633	0.21318	1.013	1.0535	1.1072	0.032051
10	18.842	19.348	19.619	0.23354	18.762	19.252	19.515	0.26355	-0.231	-0.095167	0.0776	0.097593
30	18.911	19.28	19.672	0.27373	19.377	19.796	20.171	0.3058	0.3554	0.51516	0.6967	0.099408
50	18.911	19.28	19.672	0.27373	19.116	19.692	20.296	0.35623	0.084	0.41172	0.6236	0.16565
100	18.911	19.28	19.672	0.27373	19.137	19.594	20.389	0.37506	0.0633	0.3134	0.7172	0.2018
150	18.864	19.407	19.951	0.33806	18.907	19.799	20.486	0.45433	0.0433	0.39181	0.5694	0.18586

Device Test: 96.22 DHL Dead Time Large 500kHz VIN_12V

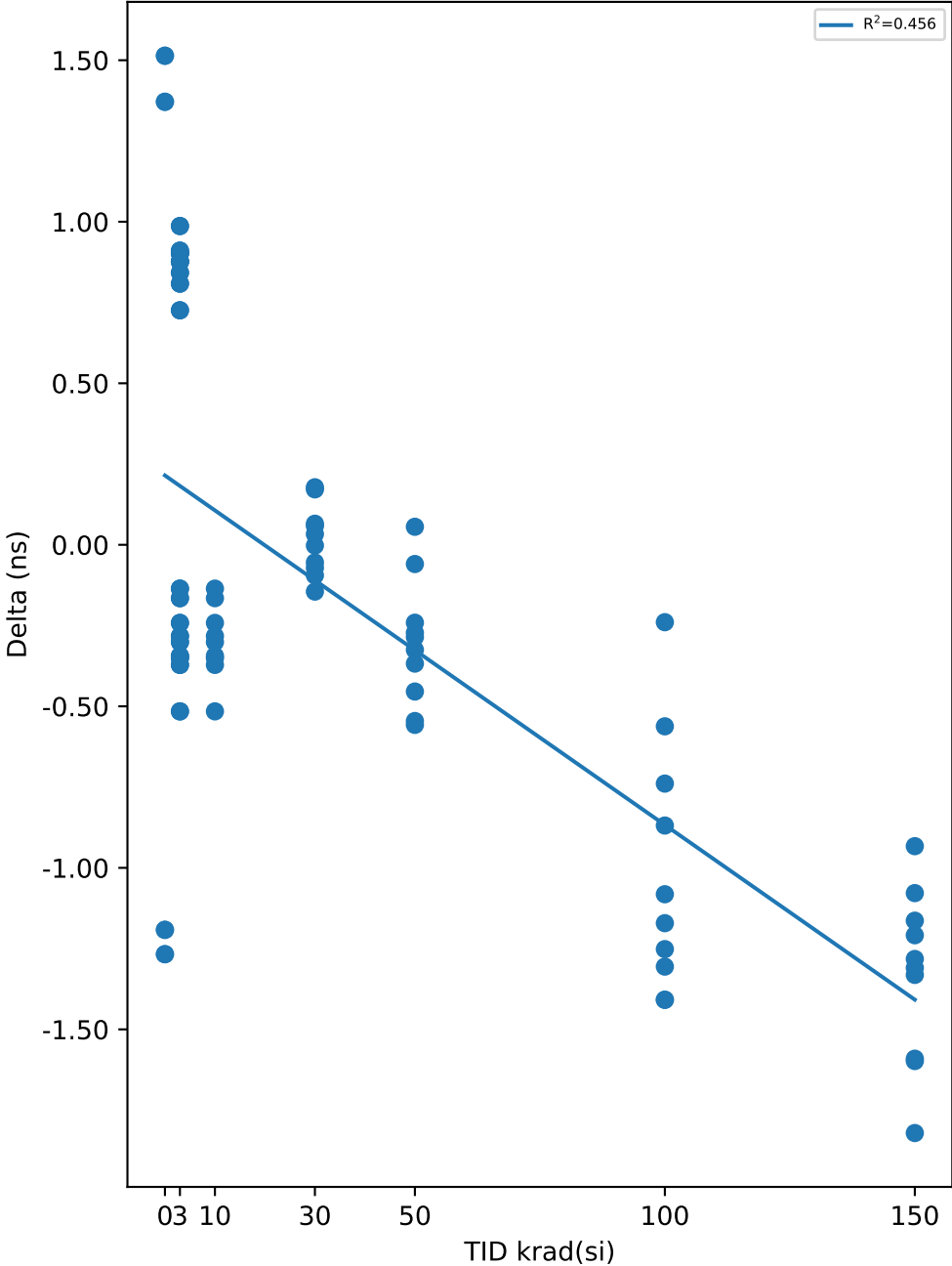
TID vs Result Stats



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	50.34	49.072	-1.2673
2	0	CORRELATION	49.855	51.227	1.3714
259	3	LDR Biased	50.912	51.899	0.9868
426	3	LDR Biased	50.921	51.831	0.9105
427	3	LDR Biased	49.188	49.914	0.7259
428	3	LDR Biased	50.771	51.674	0.9034
429	3	LDR Unbiased	50.236	51.112	0.8758
430	3	LDR Unbiased	49.94	50.818	0.8774
431	3	LDR Unbiased	48.817	49.625	0.8084
432	3	LDR Unbiased	50.723	51.566	0.8424
433	3	LDR Unbiased	50.349	51.251	0.9016
1259	10	LDR Biased	50.912	50.629	-0.2826
1426	10	LDR Biased	50.921	50.756	-0.1652
1427	10	LDR Biased	49.188	48.837	-0.3508
1428	10	LDR Biased	50.771	50.529	-0.2418
1429	10	LDR Unbiased	50.236	49.935	-0.3011
1430	10	LDR Unbiased	49.94	49.804	-0.1357
1431	10	LDR Unbiased	48.817	48.301	-0.5156
1432	10	LDR Unbiased	50.723	50.352	-0.3718
1433	10	LDR Unbiased	50.349	50.005	-0.3438
2434	30	LDR Biased	50.033	50.031	-0.0022
2435	30	LDR Biased	49.361	49.533	0.1716
2436	30	LDR Biased	50.011	49.956	-0.0546
2437	30	LDR Biased	50.67	50.736	0.0652
2438	30	LDR Biased	50.493	50.526	0.0332
2439	30	LDR Unbiased	49.591	49.519	-0.0713
2440	30	LDR Unbiased	50.052	49.907	-0.1448
2441	30	LDR Unbiased	50.34	50.245	-0.0945
2443	30	LDR Unbiased	49.855	49.914	0.0584
2444	30	LDR Unbiased	50.813	50.991	0.1781
3434	50	LDR Biased	50.033	49.488	-0.5455
3435	50	LDR Biased	49.361	49.12	-0.2412
3436	50	LDR Biased	50.011	50.067	0.0558
3437	50	LDR Biased	50.67	50.611	-0.0595
3438	50	LDR Biased	50.493	50.168	-0.3251
3439	50	LDR Unbiased	49.591	49.223	-0.3677
3440	50	LDR Unbiased	50.052	49.78	-0.2722
3441	50	LDR Unbiased	50.34	50.054	-0.2857
3443	50	LDR Unbiased	49.855	49.401	-0.4542
3444	50	LDR Unbiased	50.813	50.255	-0.5574
4434	100	LDR Biased	50.033	48.952	-1.0817
4435	100	LDR Biased	49.361	48.799	-0.5619
4436	100	LDR Biased	50.011	49.272	-0.7392
4437	100	LDR Biased	50.67	50.431	-0.2396
4438	100	LDR Biased	50.493	49.242	-1.2516
4439	100	LDR Unbiased	49.591	48.419	-1.1713
4440	100	LDR Unbiased	50.052	48.644	-1.4084
4441	100	LDR Unbiased	50.34	48.931	-1.4084
4443	100	LDR Unbiased	49.855	48.986	-0.869
4444	100	LDR Unbiased	50.813	49.507	-1.3057
4500	150	LDR Biased	51.251	50.318	-0.9329
4501	150	LDR Biased	50.928	49.337	-1.5908
4502	150	LDR Biased	50.243	48.912	-1.3314
4503	150	LDR Biased	51.507	50.298	-1.2086
4504	150	LDR Biased	50.418	49.34	-1.0782
4505	150	LDR Unbiased	50.449	49.285	-1.1636
4506	150	LDR Unbiased	50.35	49.068	-1.2821
4507	150	LDR Unbiased	50.306	48.485	-1.8209
4508	150	LDR Unbiased	49.818	48.22	-1.598
4509	150	LDR Unbiased	50.241	48.932	-1.3096

TID vs Post - Pre Exposure Delta

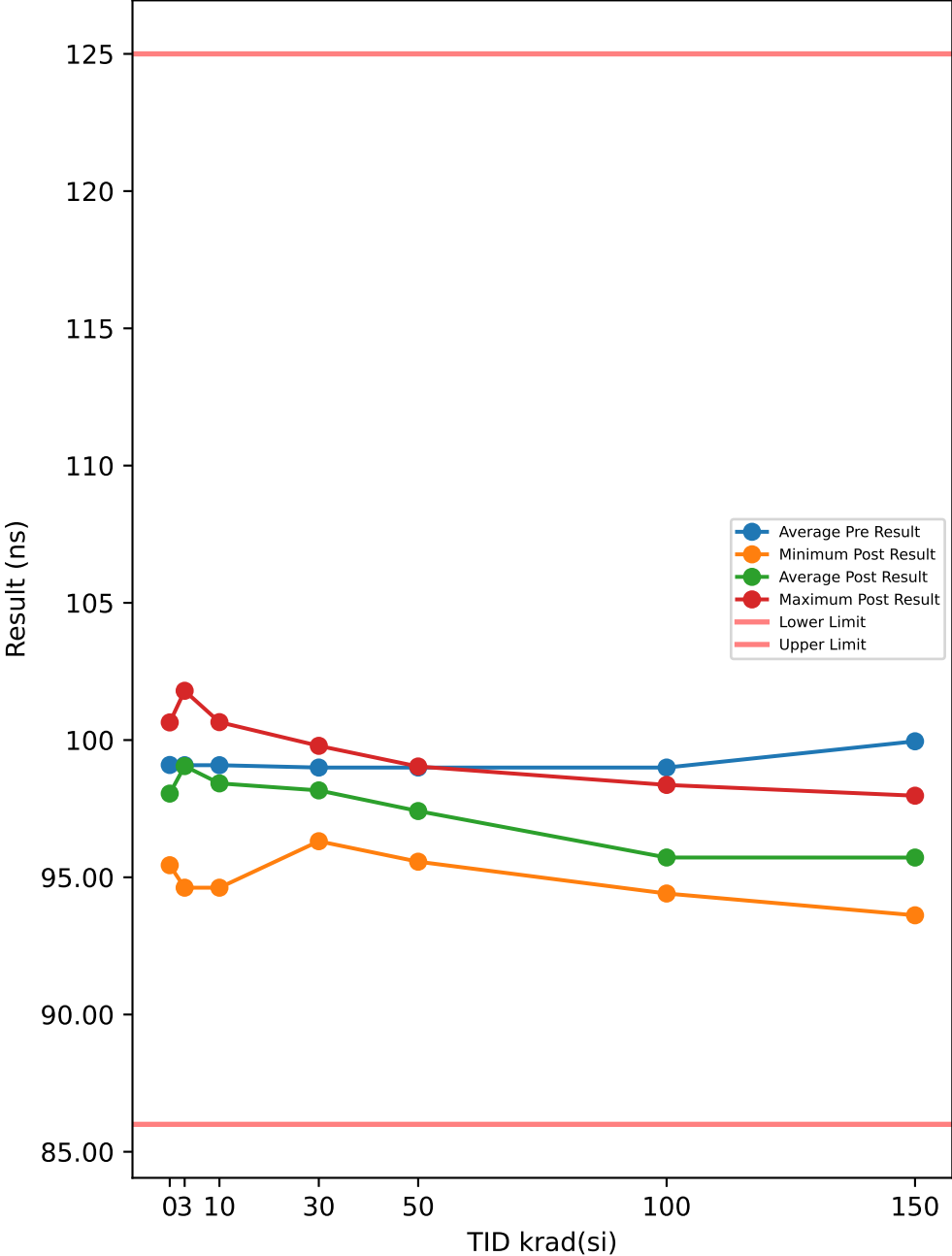


Test Statistics (ns)

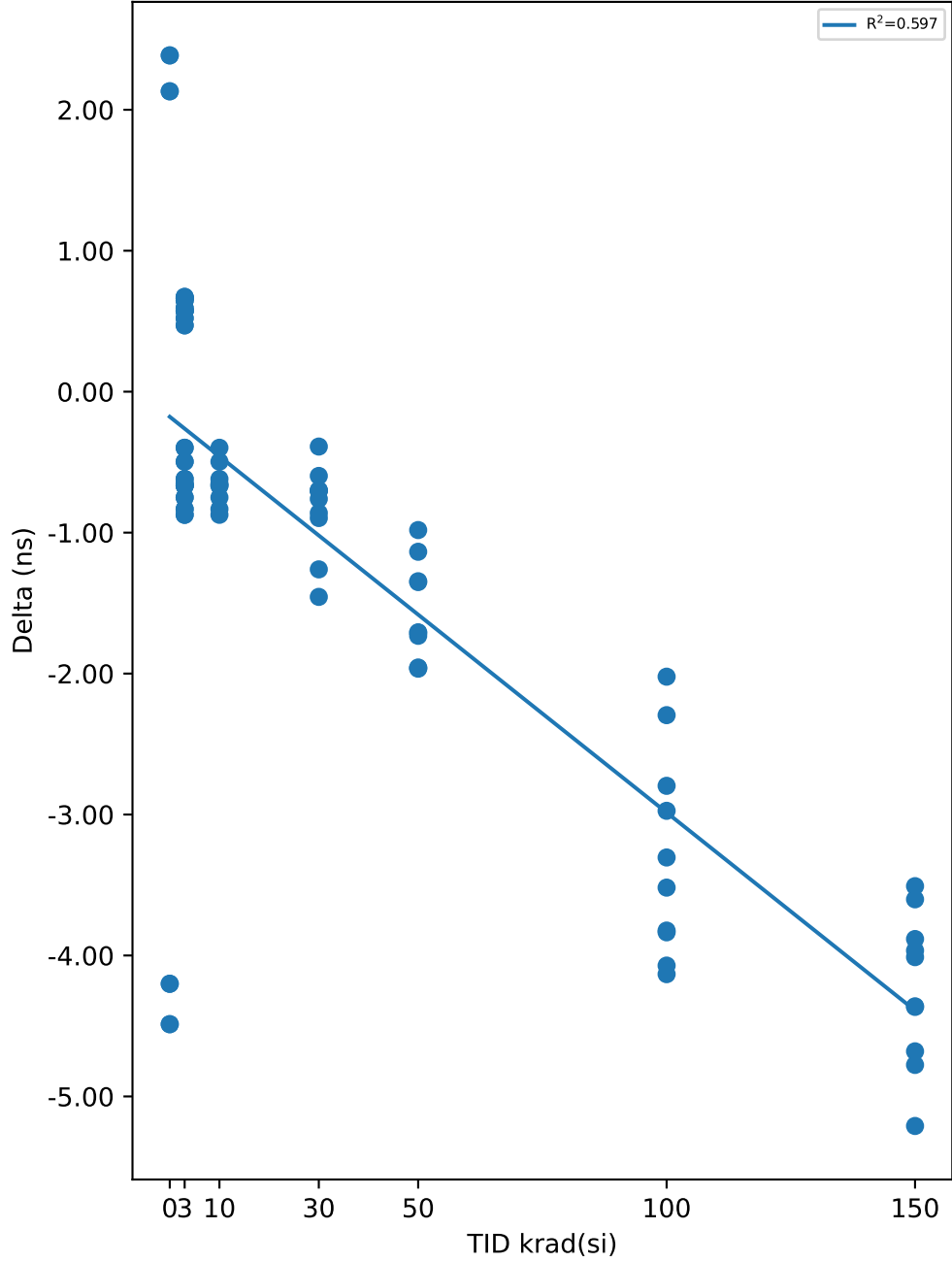
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	49.855	50.097	50.34	0.34238	49.072	50.149	51.227	1.5235	-1.2673	0.05205	1.3714	1.8658
3	48.817	50.206	50.921	0.76261	49.625	51.077	51.899	0.82137	0.7259	0.87024	0.9868	0.073148
10	48.817	50.206	50.921	0.76261	48.301	49.905	50.756	0.83432	-0.5156	-0.30093	-0.1357	0.11456
30	49.361	50.122	50.813	0.46197	49.519	50.136	50.991	0.4881	-0.1448	0.01391	0.1781	0.10851
50	49.361	50.122	50.813	0.46197	49.12	49.817	50.611	0.49283	-0.5574	-0.30527	0.0558	0.19554
100	49.361	50.122	50.813	0.46197	48.419	49.118	50.431	0.55866	-1.4084	-1.0037	-0.2396	0.3918
150	49.818	50.551	51.507	0.51648	48.22	49.219	50.318	0.67828	-1.8209	-1.3316	-0.9329	0.26813

Device Test: 96.23 DHL Dead Time Max 500kHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



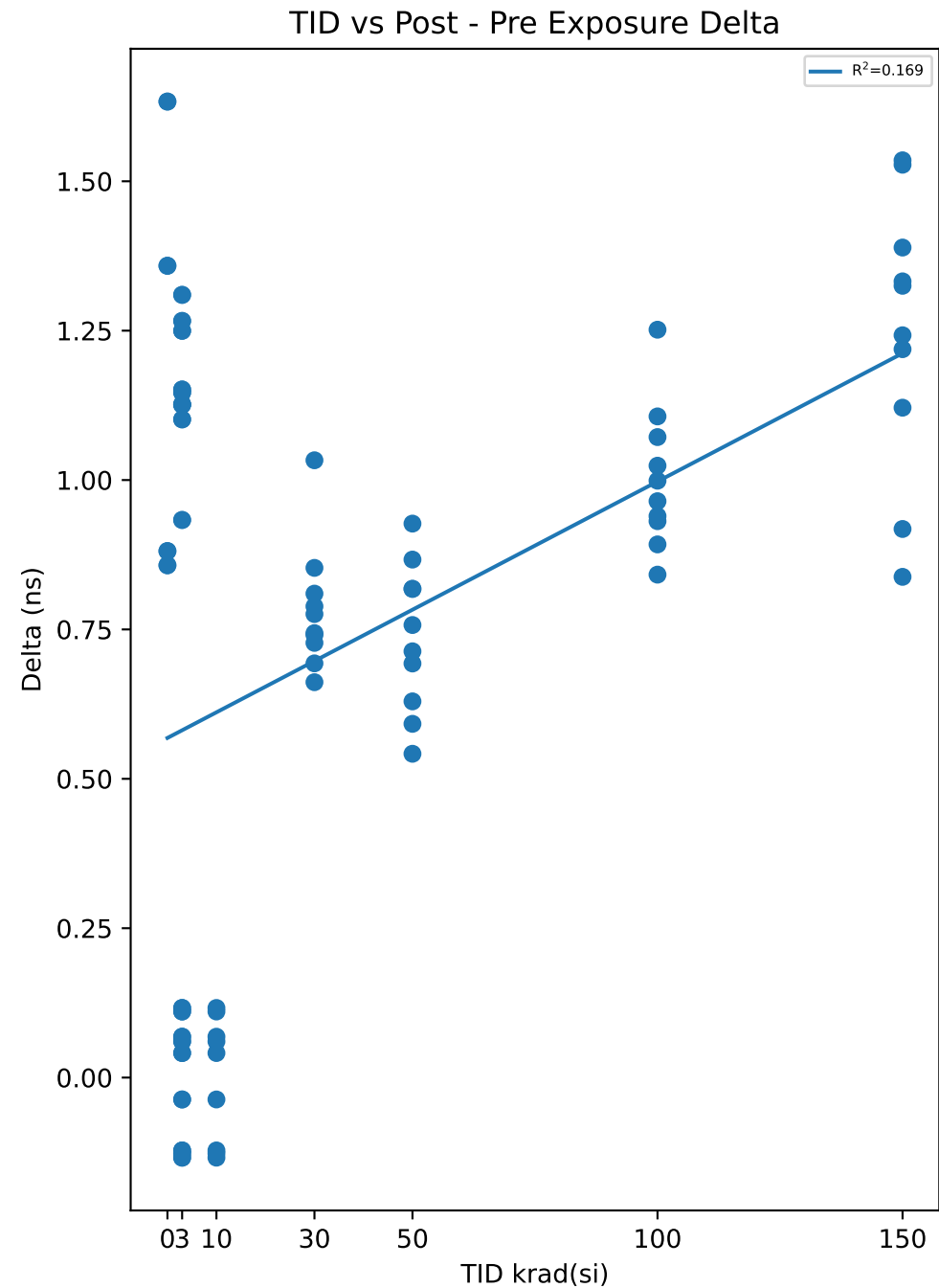
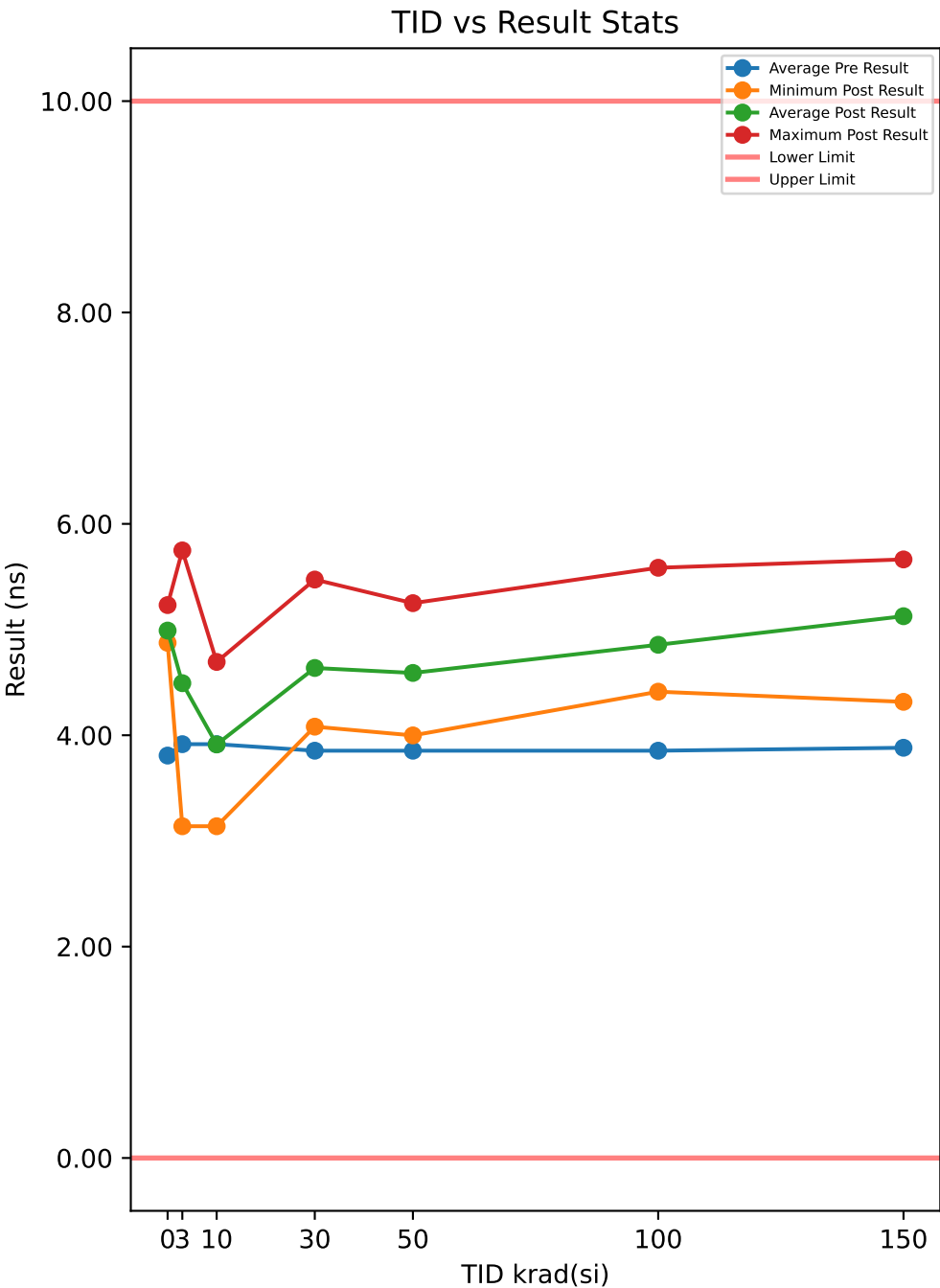
Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	99.928	95.44	-4.4875
2	0	CORRELATION	98.257	100.39	2.131
259	3	LDR Biased	100.9	101.57	0.6633
426	3	LDR Biased	101.15	101.8	0.6462
427	3	LDR Biased	95.832	96.303	0.4707
428	3	LDR Biased	100.11	100.78	0.6725
429	3	LDR Unbiased	99.503	100.17	0.662
430	3	LDR Unbiased	98.02	98.592	0.5716
431	3	LDR Unbiased	95.495	96.088	0.5936
432	3	LDR Unbiased	100.84	101.36	0.5213
433	3	LDR Unbiased	99.901	100.48	0.5748
1259	10	LDR Biased	100.9	100.24	-0.6677
1426	10	LDR Biased	101.15	100.65	-0.4964
1427	10	LDR Biased	95.832	95.082	-0.7505
1428	10	LDR Biased	100.11	99.488	-0.619
1429	10	LDR Unbiased	99.503	98.838	-0.6657
1430	10	LDR Unbiased	98.02	97.623	-0.3979
1431	10	LDR Unbiased	95.495	94.621	-0.8735
1432	10	LDR Unbiased	100.84	100.19	-0.6528
1433	10	LDR Unbiased	99.901	99.068	-0.8328
2434	30	LDR Biased	98.819	98.119	-0.7002
2435	30	LDR Biased	96.704	96.314	-0.3894
2436	30	LDR Biased	99.103	98.405	-0.6984
2437	30	LDR Biased	100.39	99.79	-0.5978
2438	30	LDR Biased	99.386	98.49	-0.8963
2439	30	LDR Unbiased	97.786	97.08	-0.7058
2440	30	LDR Unbiased	98.999	97.544	-1.4559
2441	30	LDR Unbiased	99.928	98.667	-1.2607
2443	30	LDR Unbiased	98.257	97.496	-0.7606
2444	30	LDR Unbiased	100.61	99.752	-0.8608
3434	50	LDR Biased	98.819	97.112	-1.7073
3435	50	LDR Biased	96.704	95.568	-1.1357
3436	50	LDR Biased	99.103	98.121	-0.9818
3437	50	LDR Biased	100.39	99.037	-1.3507
3438	50	LDR Biased	99.386	97.654	-1.732
3439	50	LDR Unbiased	97.786	96.441	-1.345
3440	50	LDR Unbiased	98.999	97.034	-1.9652
3441	50	LDR Unbiased	99.928	97.971	-1.9571
3443	50	LDR Unbiased	98.257	96.546	-1.7105
3444	50	LDR Unbiased	100.61	98.652	-1.9606
4434	100	LDR Biased	98.819	95.301	-3.5185
4435	100	LDR Biased	96.704	94.409	-2.2949
4436	100	LDR Biased	99.103	96.129	-2.9736
4437	100	LDR Biased	100.39	98.365	-2.022
4438	100	LDR Biased	99.386	95.55	-3.8357
4439	100	LDR Unbiased	97.786	94.481	-3.3047
4440	100	LDR Unbiased	98.999	94.928	-4.0717
4441	100	LDR Unbiased	99.928	95.795	-4.1325
4443	100	LDR Unbiased	98.257	95.46	-2.7963
4444	100	LDR Unbiased	100.61	96.79	-3.8232
4500	150	LDR Biased	101.57	97.973	-3.6015
4501	150	LDR Biased	101.21	96.003	-5.2096
4502	150	LDR Biased	99.694	95.329	-4.3648
4503	150	LDR Biased	101.98	97.303	-4.68
4504	150	LDR Biased	99.181	95.298	-3.8833
4505	150	LDR Unbiased	100.14	96.637	-3.5082
4506	150	LDR Unbiased	99.082	95.117	-3.9651
4507	150	LDR Unbiased	98.392	93.615	-4.7764
4508	150	LDR Unbiased	98.842	94.481	-4.3607
4509	150	LDR Unbiased	99.443	95.431	-4.0118

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	98.257	99.092	99.928	1.1816	95.44	97.914	100.39	3.4983	-4.4875	-1.1782	2.131	4.68
3	95.495	99.084	101.15	2.155	96.088	99.681	101.8	2.1921	0.4707	0.59733	0.6725	0.070332
10	95.495	99.084	101.15	2.155	94.621	98.422	100.65	2.2183	-0.8735	-0.66181	-0.3979	0.15037
30	96.704	98.998	100.61	1.1963	96.314	98.166	99.79	1.1061	-1.4559	-0.83259	-0.3894	0.31358
50	96.704	98.998	100.61	1.1963	95.568	97.414	99.037	1.0738	-1.9652	-1.5846	-0.9818	0.35818
100	96.704	98.998	100.61	1.1963	94.409	95.721	98.365	1.1771	-4.1325	-3.2773	-2.022	0.73754
150	98.392	99.955	101.98	1.2349	93.615	95.719	97.973	1.3014	-5.2096	-4.2361	-3.5082	0.54258

Device Test: 96.24 DHL Dead Time Min 1MHz VIN_12V



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

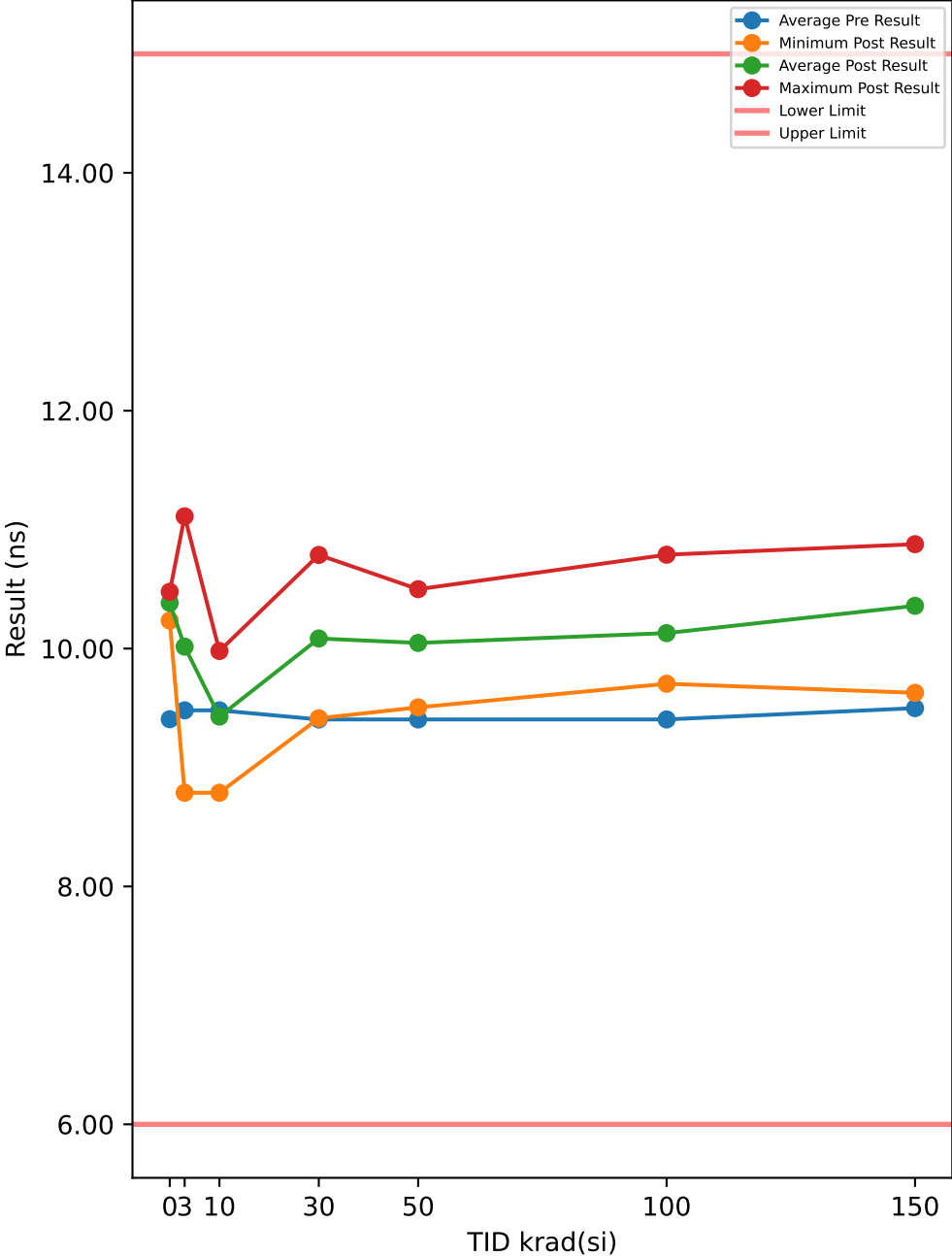
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.5982	4.9568	1.3586
2	0	CORRELATION	4.0171	4.8745	0.8574
259	3	LDR Biased	3.6209	4.7224	1.1015
426	3	LDR Biased	3.7062	4.8577	1.1515
427	3	LDR Biased	4.8155	5.7487	0.9332
428	3	LDR Biased	3.8957	5.2056	1.3099
429	3	LDR Unbiased	3.0225	4.2723	1.2498
430	3	LDR Unbiased	4.0701	5.3364	1.2663
431	3	LDR Unbiased	4.2085	5.3549	1.1464
432	3	LDR Unbiased	3.7989	4.9247	1.1258
433	3	LDR Unbiased	4.1011	5.2279	1.1268
1259	10	LDR Biased	3.6209	3.4869	-0.134
1426	10	LDR Biased	3.7062	3.7473	0.0411
1427	10	LDR Biased	4.8155	4.6936	-0.1219
1428	10	LDR Biased	3.8957	3.9562	0.0605
1429	10	LDR Unbiased	3.0225	3.139	0.1165
1430	10	LDR Unbiased	4.0701	4.1807	0.1106
1431	10	LDR Unbiased	4.2085	4.1719	-0.0366
1432	10	LDR Unbiased	3.7989	3.672	-0.1269
1433	10	LDR Unbiased	4.1011	4.1695	0.0684
2434	30	LDR Biased	3.3055	4.0812	0.7757
2435	30	LDR Biased	4.6201	5.4731	0.853
2436	30	LDR Biased	3.5964	4.3239	0.7275
2437	30	LDR Biased	4.1446	4.8884	0.7438
2438	30	LDR Biased	4.0872	4.8758	0.7886
2439	30	LDR Unbiased	3.5722	4.3821	0.8099
2440	30	LDR Unbiased	3.8366	4.5775	0.7409
2441	30	LDR Unbiased	3.5982	4.6313	1.0331
2443	30	LDR Unbiased	4.0171	4.7103	0.6932
2444	30	LDR Unbiased	3.7588	4.4205	0.6617
3434	50	LDR Biased	3.3055	3.9985	0.693
3435	50	LDR Biased	4.6201	5.2497	0.6296
3436	50	LDR Biased	3.5964	4.3098	0.7134
3437	50	LDR Biased	4.1446	4.9624	0.8178
3438	50	LDR Biased	4.0872	4.9052	0.818
3439	50	LDR Unbiased	3.5722	4.4391	0.8669
3440	50	LDR Unbiased	3.8366	4.594	0.7574
3441	50	LDR Unbiased	3.5982	4.5253	0.9271
3443	50	LDR Unbiased	4.0171	4.6091	0.592
3444	50	LDR Unbiased	3.7588	4.3007	0.5419
4434	100	LDR Biased	3.3055	4.412	1.1065
4435	100	LDR Biased	4.6201	5.5847	0.9646
4436	100	LDR Biased	3.5964	4.5953	0.9989
4437	100	LDR Biased	4.1446	5.3962	1.2516
4438	100	LDR Biased	4.0872	5.1591	1.0719
4439	100	LDR Unbiased	3.5722	4.5962	1.024
4440	100	LDR Unbiased	3.8366	4.7289	0.8923
4441	100	LDR Unbiased	3.5982	4.5379	0.9397
4443	100	LDR Unbiased	4.0171	4.8588	0.8417
4444	100	LDR Unbiased	3.7588	4.69	0.9312
4500	150	LDR Biased	3.8152	5.0575	1.2423
4501	150	LDR Biased	3.4862	4.8753	1.3891
4502	150	LDR Biased	3.9376	5.2701	1.3325
4503	150	LDR Biased	4.1707	5.4958	1.3251
4504	150	LDR Biased	4.4445	5.6635	1.219
4505	150	LDR Unbiased	3.5707	5.0984	1.5277
4506	150	LDR Unbiased	3.8325	5.3676	1.5351
4507	150	LDR Unbiased	4.4377	5.2757	0.838
4508	150	LDR Unbiased	3.398	4.3161	0.9181
4509	150	LDR Unbiased	3.7213	4.8424	1.1211

Test Statistics (ns)

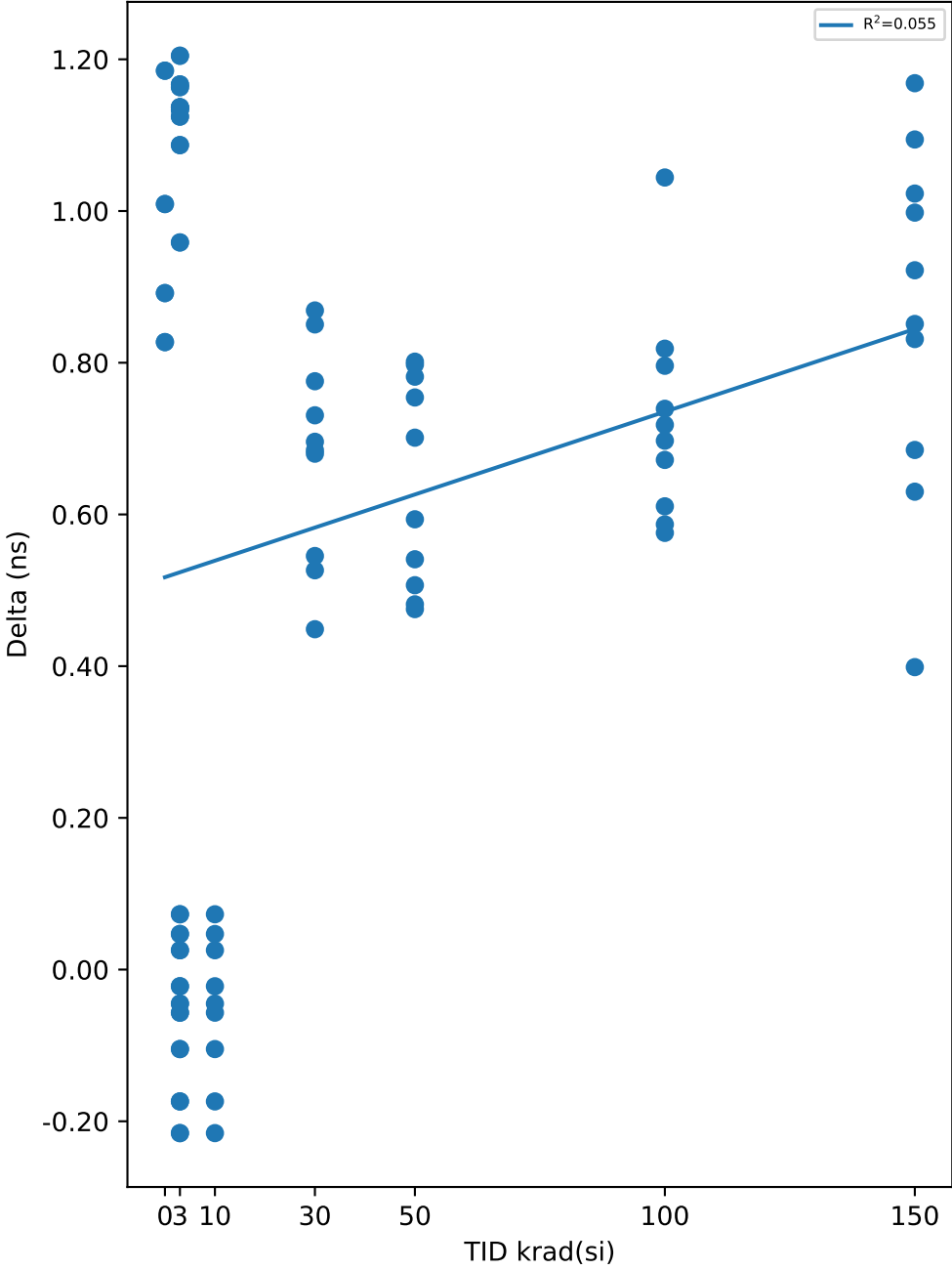
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5982	3.8076	4.0171	0.29621	4.8745	4.9157	4.9568	0.058195	0.8574	1.108	1.3586	0.3544
3	3.0225	3.9155	4.8155	0.48686	4.2723	5.0723	5.7487	0.43003	0.9332	1.1568	1.3099	0.11132
10	3.0225	3.9155	4.8155	0.48686	3.139	3.913	4.6936	0.45851	-0.134	-0.0024778	0.1165	0.1037
30	3.3055	3.8537	4.6201	0.3762	4.0812	4.6364	5.4731	0.38687	0.6617	0.78274	1.0331	0.10404
50	3.3055	3.8537	4.6201	0.3762	3.9985	4.5894	5.2497	0.36707	0.5419	0.73571	0.9271	0.12455
100	3.3055	3.8537	4.6201	0.3762	4.412	4.8559	5.5847	0.3933	0.8417	1.0022	1.2516	0.11861
150	3.398	3.8814	4.4445	0.37002	4.3161	5.1262	5.6635	0.38469	0.838	1.2448	1.5351	0.23273

Device Test: 96.25 DHL Dead Time Small 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

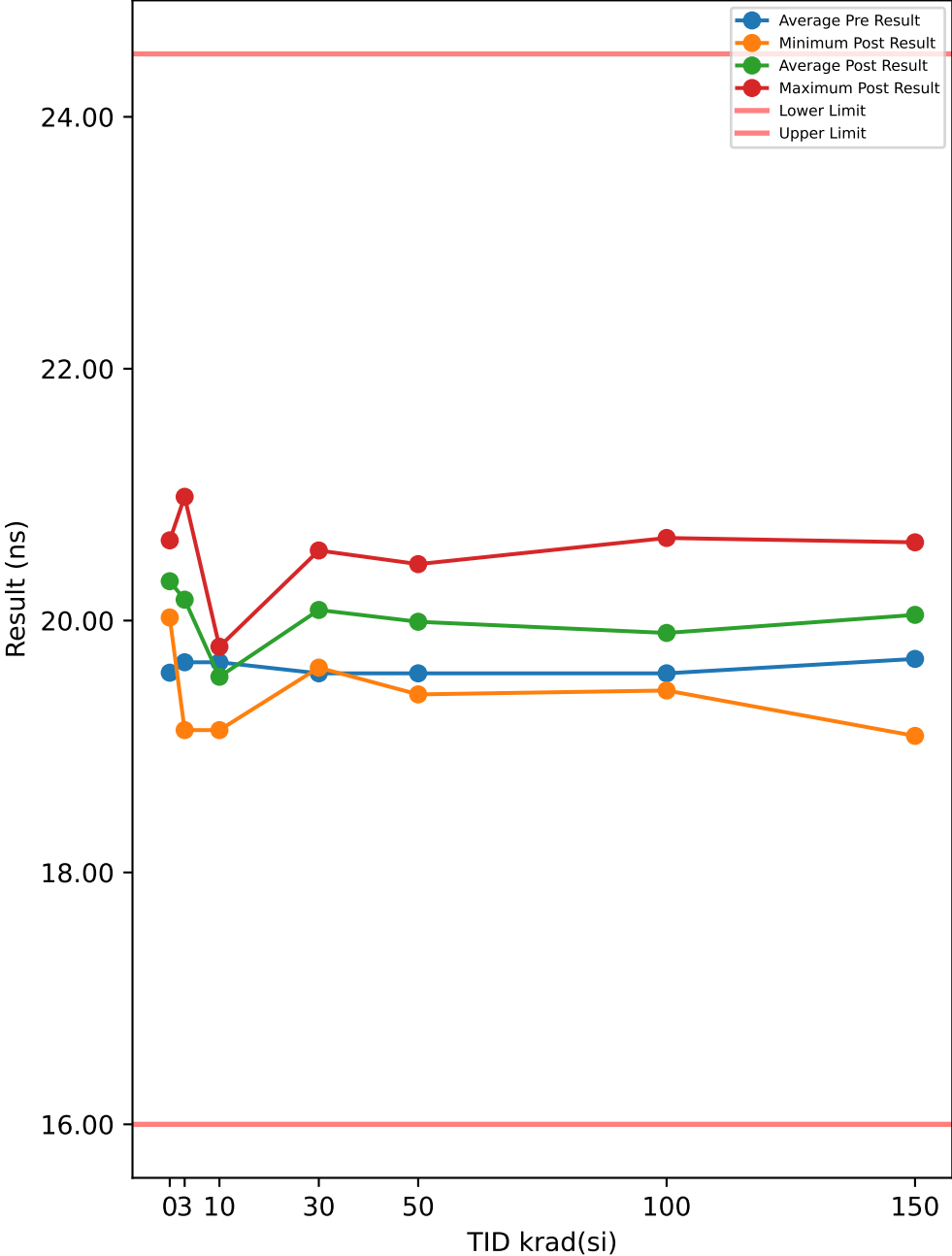
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.2261	10.235	1.0092
2	0	CORRELATION	9.5857	10.413	0.8272
259	3	LDR Biased	9.3807	10.514	1.1334
426	3	LDR Biased	9.3752	10.462	1.0869
427	3	LDR Biased	10.153	11.112	0.9586
428	3	LDR Biased	9.632	10.799	1.1669
429	3	LDR Unbiased	8.7147	9.9194	1.2047
430	3	LDR Unbiased	9.5584	10.722	1.1633
431	3	LDR Unbiased	9.4998	10.624	1.1245
432	3	LDR Unbiased	9.3629	10.5	1.1369
433	3	LDR Unbiased	9.6489	10.786	1.1366
1259	10	LDR Biased	9.3807	9.1651	-0.2156
1426	10	LDR Biased	9.3752	9.4221	0.0469
1427	10	LDR Biased	10.153	9.9795	-0.1738
1428	10	LDR Biased	9.632	9.61	-0.022
1429	10	LDR Unbiased	8.7147	8.7876	0.0729
1430	10	LDR Unbiased	9.5584	9.5839	0.0255
1431	10	LDR Unbiased	9.4998	9.395	-0.1048
1432	10	LDR Unbiased	9.3629	9.3061	-0.0568
1433	10	LDR Unbiased	9.6489	9.604	-0.0449
2434	30	LDR Biased	8.9649	9.4136	0.4487
2435	30	LDR Biased	9.9368	10.787	0.8505
2436	30	LDR Biased	9.1781	9.8582	0.6801
2437	30	LDR Biased	9.7449	10.441	0.6958
2438	30	LDR Biased	9.599	10.468	0.8689
2439	30	LDR Unbiased	9.0465	9.8221	0.7756
2440	30	LDR Unbiased	9.3699	9.9151	0.5452
2441	30	LDR Unbiased	9.2261	9.9568	0.7307
2443	30	LDR Unbiased	9.5857	10.27	0.6847
2444	30	LDR Unbiased	9.389	9.9154	0.5264
3434	50	LDR Biased	8.9649	9.5058	0.5409
3435	50	LDR Biased	9.9368	10.444	0.5067
3436	50	LDR Biased	9.1781	9.8793	0.7012
3437	50	LDR Biased	9.7449	10.499	0.7542
3438	50	LDR Biased	9.599	10.397	0.7976
3439	50	LDR Unbiased	9.0465	9.6401	0.5936
3440	50	LDR Unbiased	9.3699	10.152	0.7816
3441	50	LDR Unbiased	9.2261	10.027	0.8014
3443	50	LDR Unbiased	9.5857	10.067	0.4815
3444	50	LDR Unbiased	9.389	9.8642	0.4752
4434	100	LDR Biased	8.9649	9.7042	0.7393
4435	100	LDR Biased	9.9368	10.655	0.7181
4436	100	LDR Biased	9.1781	9.9741	0.796
4437	100	LDR Biased	9.7449	10.789	1.0442
4438	100	LDR Biased	9.599	10.418	0.8185
4439	100	LDR Unbiased	9.0465	9.7437	0.6972
4440	100	LDR Unbiased	9.3699	9.9806	0.6107
4441	100	LDR Unbiased	9.2261	9.898	0.6719
4443	100	LDR Unbiased	9.5857	10.161	0.5757
4444	100	LDR Unbiased	9.389	9.9759	0.5869
4500	150	LDR Biased	9.5459	10.468	0.9219
4501	150	LDR Biased	9.1845	10.279	1.0943
4502	150	LDR Biased	9.4776	10.476	0.9979
4503	150	LDR Biased	9.8074	10.83	1.023
4504	150	LDR Biased	10.027	10.878	0.8511
4505	150	LDR Unbiased	9.2416	10.073	0.8312
4506	150	LDR Unbiased	9.4445	10.613	1.1685
4507	150	LDR Unbiased	9.9923	10.391	0.3987
4508	150	LDR Unbiased	8.9981	9.6281	0.63
4509	150	LDR Unbiased	9.2731	9.9581	0.685

Test Statistics (ns)

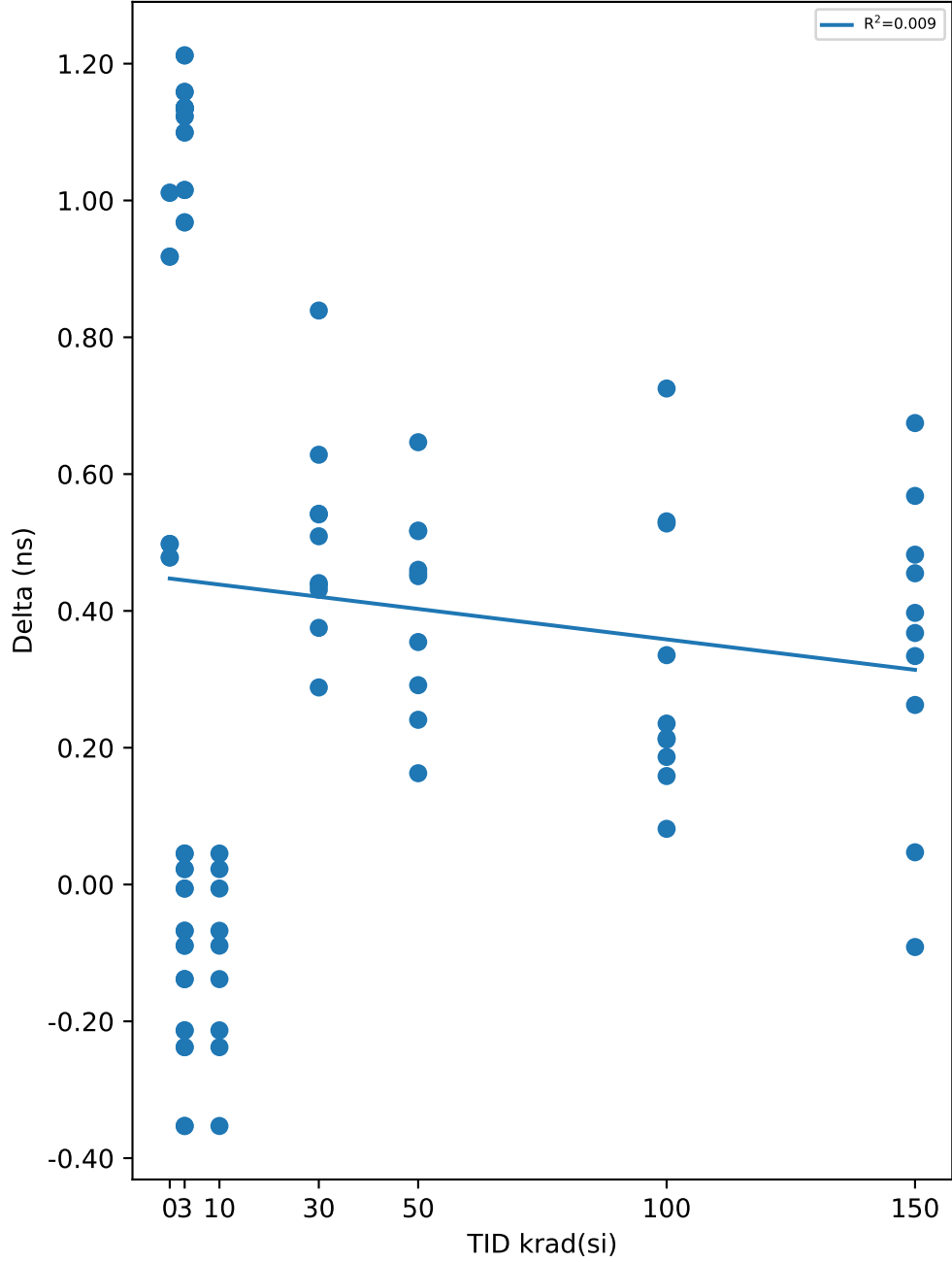
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.2261	9.4059	9.5857	0.25428	10.235	10.324	10.413	0.12558	0.8272	0.9182	1.0092	0.12869
3	8.7147	9.4807	10.153	0.37612	9.9194	10.604	11.112	0.32613	0.9586	1.1235	1.2047	0.069859
10	8.7147	9.4807	10.153	0.37612	8.7876	9.4281	9.9795	0.33312	-0.2156	-0.052511	0.0729	0.097946
30	8.9649	9.4041	9.9368	0.31195	9.4136	10.085	10.787	0.40085	0.4487	0.68066	0.8689	0.13824
50	8.9649	9.4041	9.9368	0.31195	9.5058	10.047	10.499	0.33591	0.4752	0.64339	0.8014	0.13729
100	8.9649	9.4041	9.9368	0.31195	9.7042	10.13	10.789	0.37243	0.5757	0.72585	1.0442	0.13902
150	8.9981	9.4992	10.027	0.34792	9.6281	10.359	10.878	0.3895	0.3987	0.86016	1.1685	0.23493

Device Test: 96.26 DHL Dead Time Mid 1MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

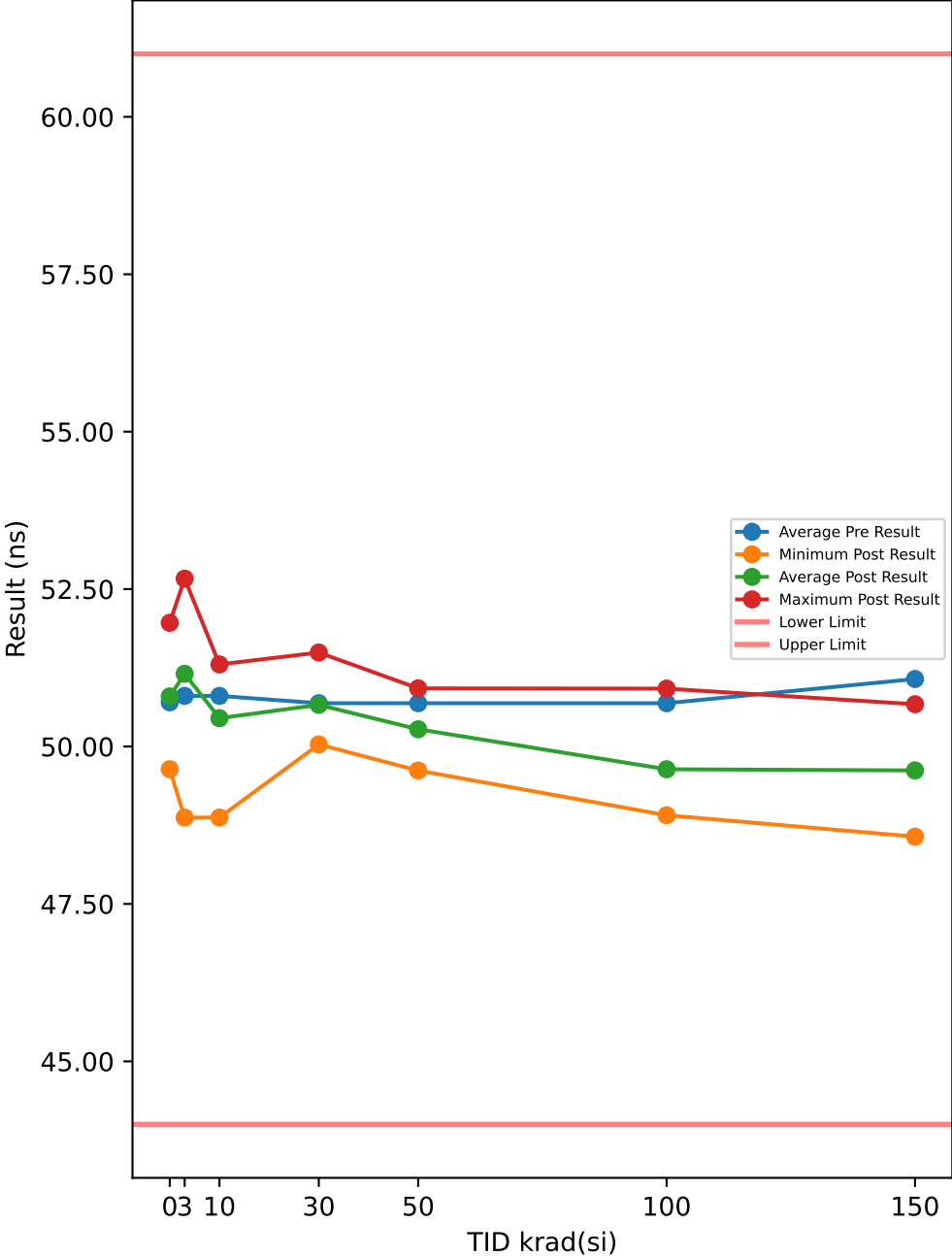
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.547	20.025	0.4781
2	0	CORRELATION	19.626	20.544	0.9179
259	3	LDR Biased	19.813	20.948	1.1354
426	3	LDR Biased	19.748	20.881	1.1333
427	3	LDR Biased	19.944	20.912	0.968
428	3	LDR Biased	19.86	20.983	1.123
429	3	LDR Unbiased	19.085	20.244	1.1587
430	3	LDR Unbiased	19.644	20.856	1.2121
431	3	LDR Unbiased	19.475	20.491	1.0153
432	3	LDR Unbiased	19.67	20.769	1.0994
433	3	LDR Unbiased	19.783	20.919	1.1359
1259	10	LDR Biased	19.813	19.46	-0.353
1426	10	LDR Biased	19.748	19.742	-0.0059
1427	10	LDR Biased	19.944	19.731	-0.2132
1428	10	LDR Biased	19.86	19.792	-0.0676
1429	10	LDR Unbiased	19.085	19.13	0.0453
1430	10	LDR Unbiased	19.644	19.666	0.0226
1431	10	LDR Unbiased	19.475	19.238	-0.2378
1432	10	LDR Unbiased	19.67	19.532	-0.1383
1433	10	LDR Unbiased	19.783	19.693	-0.0894
2434	30	LDR Biased	19.251	19.626	0.3752
2435	30	LDR Biased	19.718	20.557	0.8391
2436	30	LDR Biased	19.347	19.788	0.4406
2437	30	LDR Biased	19.931	20.473	0.542
2438	30	LDR Biased	19.928	20.366	0.4376
2439	30	LDR Unbiased	19.231	19.859	0.6283
2440	30	LDR Unbiased	19.54	19.828	0.2881
2441	30	LDR Unbiased	19.547	19.978	0.431
2443	30	LDR Unbiased	19.626	20.135	0.5091
2444	30	LDR Unbiased	19.694	20.235	0.5411
3434	50	LDR Biased	19.251	19.414	0.1627
3435	50	LDR Biased	19.718	20.168	0.4508
3436	50	LDR Biased	19.347	19.994	0.6466
3437	50	LDR Biased	19.931	20.448	0.5174
3438	50	LDR Biased	19.928	20.383	0.4548
3439	50	LDR Unbiased	19.231	19.472	0.2408
3440	50	LDR Unbiased	19.54	20.056	0.5166
3441	50	LDR Unbiased	19.547	20.007	0.4601
3443	50	LDR Unbiased	19.626	19.98	0.3545
3444	50	LDR Unbiased	19.694	19.985	0.2914
4434	100	LDR Biased	19.251	19.586	0.3353
4435	100	LDR Biased	19.718	20.248	0.5309
4436	100	LDR Biased	19.347	19.875	0.5278
4437	100	LDR Biased	19.931	20.656	0.7251
4438	100	LDR Biased	19.928	20.14	0.2119
4439	100	LDR Unbiased	19.231	19.445	0.2138
4440	100	LDR Unbiased	19.54	19.621	0.0814
4441	100	LDR Unbiased	19.547	19.705	0.1586
4443	100	LDR Unbiased	19.626	19.812	0.1865
4444	100	LDR Unbiased	19.694	19.929	0.2353
4500	150	LDR Biased	19.9	20.382	0.4822
4501	150	LDR Biased	19.515	19.912	0.3971
4502	150	LDR Biased	19.573	19.94	0.3677
4503	150	LDR Biased	20.166	20.621	0.455
4504	150	LDR Biased	20.043	20.377	0.334
4505	150	LDR Unbiased	19.49	20.165	0.6746
4506	150	LDR Unbiased	19.608	20.176	0.5681
4507	150	LDR Unbiased	20.003	20.05	0.0471
4508	150	LDR Unbiased	19.176	19.084	-0.0914
4509	150	LDR Unbiased	19.484	19.746	0.2625

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	19.547	19.586	19.626	0.055932	20.025	20.284	20.544	0.36692	0.4781	0.698	0.9179	0.31099
3	19.085	19.669	19.944	0.25764	20.244	20.778	20.983	0.24837	0.968	1.109	1.2121	0.074212
10	19.085	19.669	19.944	0.25764	19.13	19.554	19.792	0.23569	-0.353	-0.11526	0.0453	0.13292
30	19.231	19.581	19.931	0.25062	19.626	20.084	20.557	0.31696	0.2881	0.50321	0.8391	0.15186
50	19.231	19.581	19.931	0.25062	19.414	19.991	20.448	0.3336	0.1627	0.40957	0.6466	0.14606
100	19.231	19.581	19.931	0.25062	19.445	19.902	20.656	0.36225	0.0814	0.32066	0.7251	0.20627
150	19.176	19.696	20.166	0.31474	19.084	20.045	20.621	0.42536	-0.0914	0.34969	0.6746	0.23057

Device Test: 96.27 DHL Dead Time Large 1MHz VIN_12V

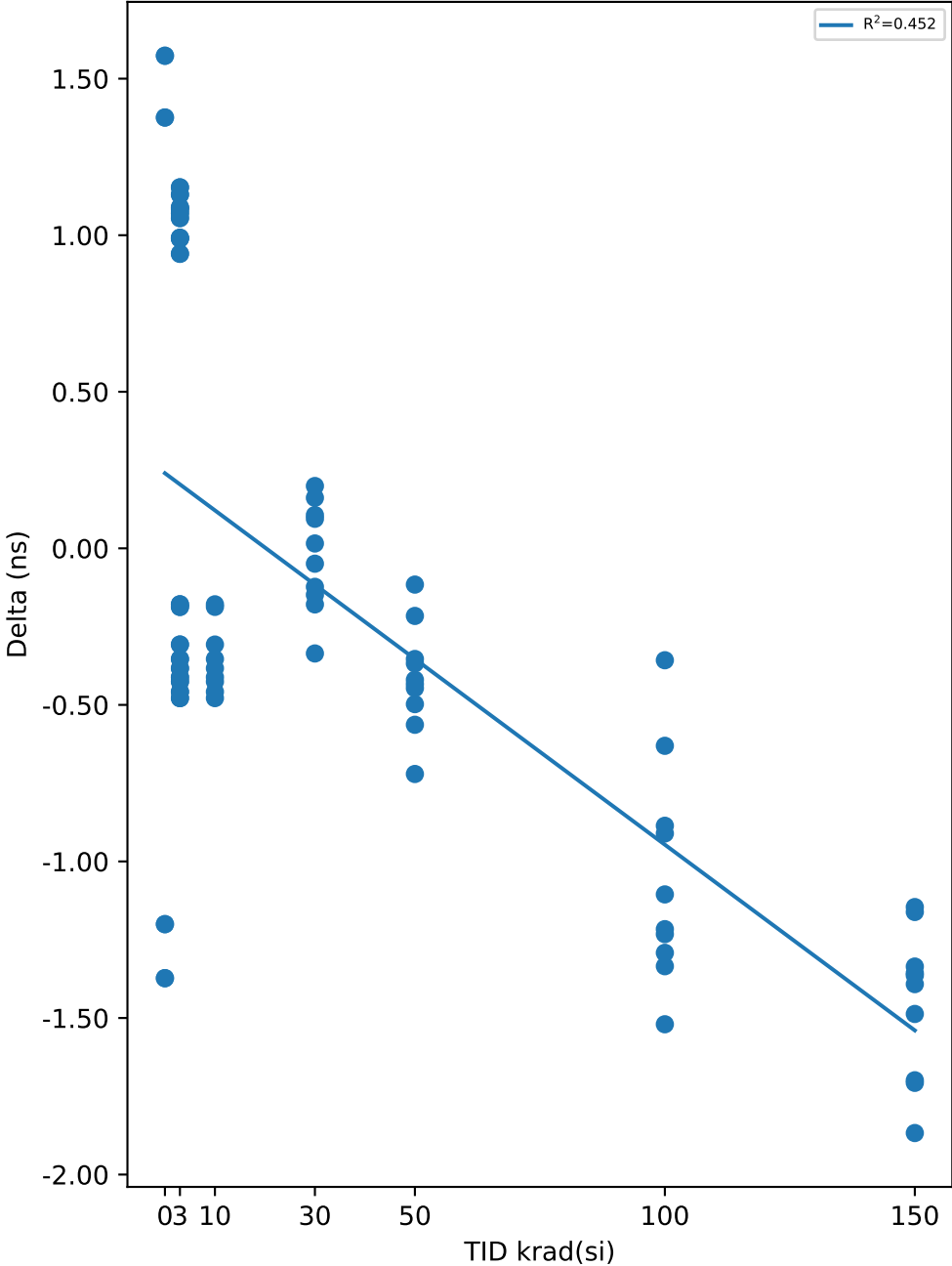
TID vs Result Stats



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	51.013	49.64	-1.3728
2	0	CORRELATION	50.391	51.767	1.3759
259	3	LDR Biased	51.582	52.666	1.0839
426	3	LDR Biased	51.491	52.62	1.1298
427	3	LDR Biased	49.779	50.72	0.9407
428	3	LDR Biased	51.354	52.507	1.1528
429	3	LDR Unbiased	50.816	51.887	1.0704
430	3	LDR Unbiased	50.512	51.601	1.089
431	3	LDR Unbiased	49.35	50.405	1.0548
432	3	LDR Unbiased	51.355	52.345	0.9893
433	3	LDR Unbiased	50.996	51.988	0.9919
1259	10	LDR Biased	51.582	51.124	-0.4582
1426	10	LDR Biased	51.491	51.304	-0.187
1427	10	LDR Biased	49.779	49.368	-0.4116
1428	10	LDR Biased	51.354	51.047	-0.3073
1429	10	LDR Unbiased	50.816	50.463	-0.3535
1430	10	LDR Unbiased	50.512	50.333	-0.1788
1431	10	LDR Unbiased	49.35	48.872	-0.4784
1432	10	LDR Unbiased	51.355	50.93	-0.4257
1433	10	LDR Unbiased	50.996	50.613	-0.3831
2434	30	LDR Biased	50.546	50.423	-0.123
2435	30	LDR Biased	49.834	50.033	0.199
2436	30	LDR Biased	50.669	50.763	0.0944
2437	30	LDR Biased	51.277	51.293	0.0155
2438	30	LDR Biased	51.04	50.891	-0.1485
2439	30	LDR Unbiased	50.141	50.302	0.1614
2440	30	LDR Unbiased	50.578	50.242	-0.3358
2441	30	LDR Unbiased	51.013	50.834	-0.1791
2443	30	LDR Unbiased	50.391	50.342	-0.0491
2444	30	LDR Unbiased	51.387	51.493	0.1062
3434	50	LDR Biased	50.546	50.099	-0.4465
3435	50	LDR Biased	49.834	49.618	-0.2159
3436	50	LDR Biased	50.669	50.553	-0.1158
3437	50	LDR Biased	51.277	50.924	-0.3534
3438	50	LDR Biased	51.04	50.672	-0.3676
3439	50	LDR Unbiased	50.141	49.643	-0.4976
3440	50	LDR Unbiased	50.578	50.144	-0.4336
3441	50	LDR Unbiased	51.013	50.593	-0.4198
3443	50	LDR Unbiased	50.391	49.828	-0.5635
3444	50	LDR Unbiased	51.387	50.666	-0.7207
4434	100	LDR Biased	50.546	49.44	-1.1053
4435	100	LDR Biased	49.834	49.203	-0.6307
4436	100	LDR Biased	50.669	49.783	-0.8861
4437	100	LDR Biased	51.277	50.92	-0.3574
4438	100	LDR Biased	51.04	49.748	-1.2919
4439	100	LDR Unbiased	50.141	48.909	-1.2321
4440	100	LDR Unbiased	50.578	49.243	-1.3346
4441	100	LDR Unbiased	51.013	49.493	-1.52
4443	100	LDR Unbiased	50.391	49.48	-0.9106
4444	100	LDR Unbiased	51.387	50.17	-1.2163
4500	150	LDR Biased	51.767	50.621	-1.1457
4501	150	LDR Biased	51.422	49.723	-1.6989
4502	150	LDR Biased	50.771	49.415	-1.3566
4503	150	LDR Biased	52.063	50.672	-1.3918
4504	150	LDR Biased	50.996	49.66	-1.3357
4505	150	LDR Unbiased	50.977	49.816	-1.1614
4506	150	LDR Unbiased	50.832	49.468	-1.3639
4507	150	LDR Unbiased	50.795	48.928	-1.8674
4508	150	LDR Unbiased	50.276	48.569	-1.7071
4509	150	LDR Unbiased	50.821	49.334	-1.4871

TID vs Post - Pre Exposure Delta

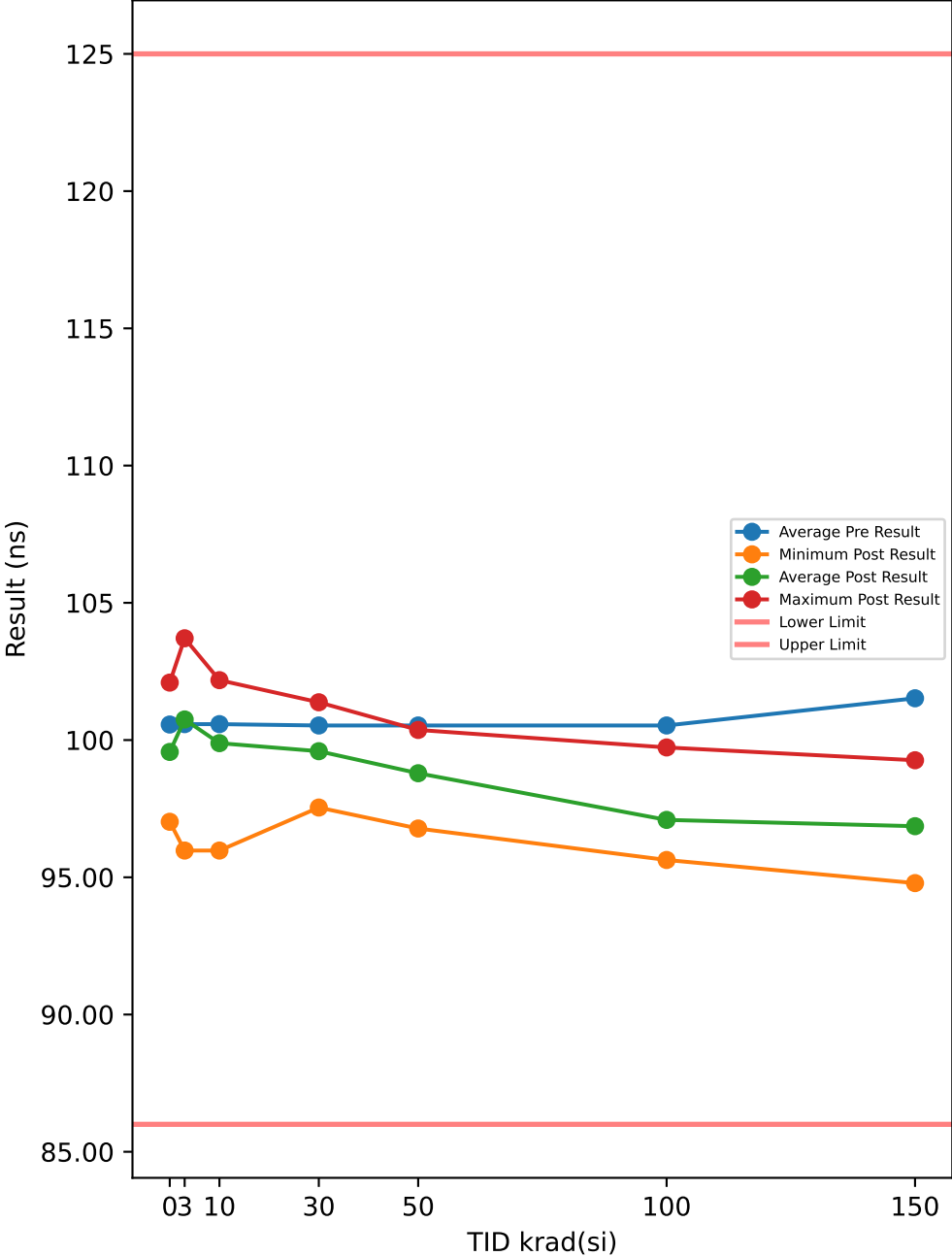


Test Statistics (ns)

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	50.391	50.702	51.013	0.43968	49.64	50.704	51.767	1.5039	-1.3728	0.00155	1.3759	1.9436
3	49.35	50.804	51.582	0.78807	50.405	51.86	52.666	0.82014	0.9407	1.0558	1.1528	0.069592
10	49.35	50.804	51.582	0.78807	48.872	50.45	51.304	0.82694	-0.4784	-0.35373	-0.1788	0.10977
30	49.834	50.687	51.387	0.496	50.033	50.662	51.493	0.47625	-0.3358	-0.0259	0.199	0.17121
50	49.834	50.687	51.387	0.496	49.618	50.274	50.924	0.47009	-0.7207	-0.41344	-0.1158	0.1696
100	49.834	50.687	51.387	0.496	48.909	49.639	50.92	0.56967	-1.52	-1.0485	-0.3574	0.35372
150	50.276	51.072	52.063	0.52959	48.569	49.62	50.672	0.65743	-1.8674	-1.4516	-1.1457	0.23854

Device Test: 96.28 DHL Dead Time Max 1MHz VIN_12V

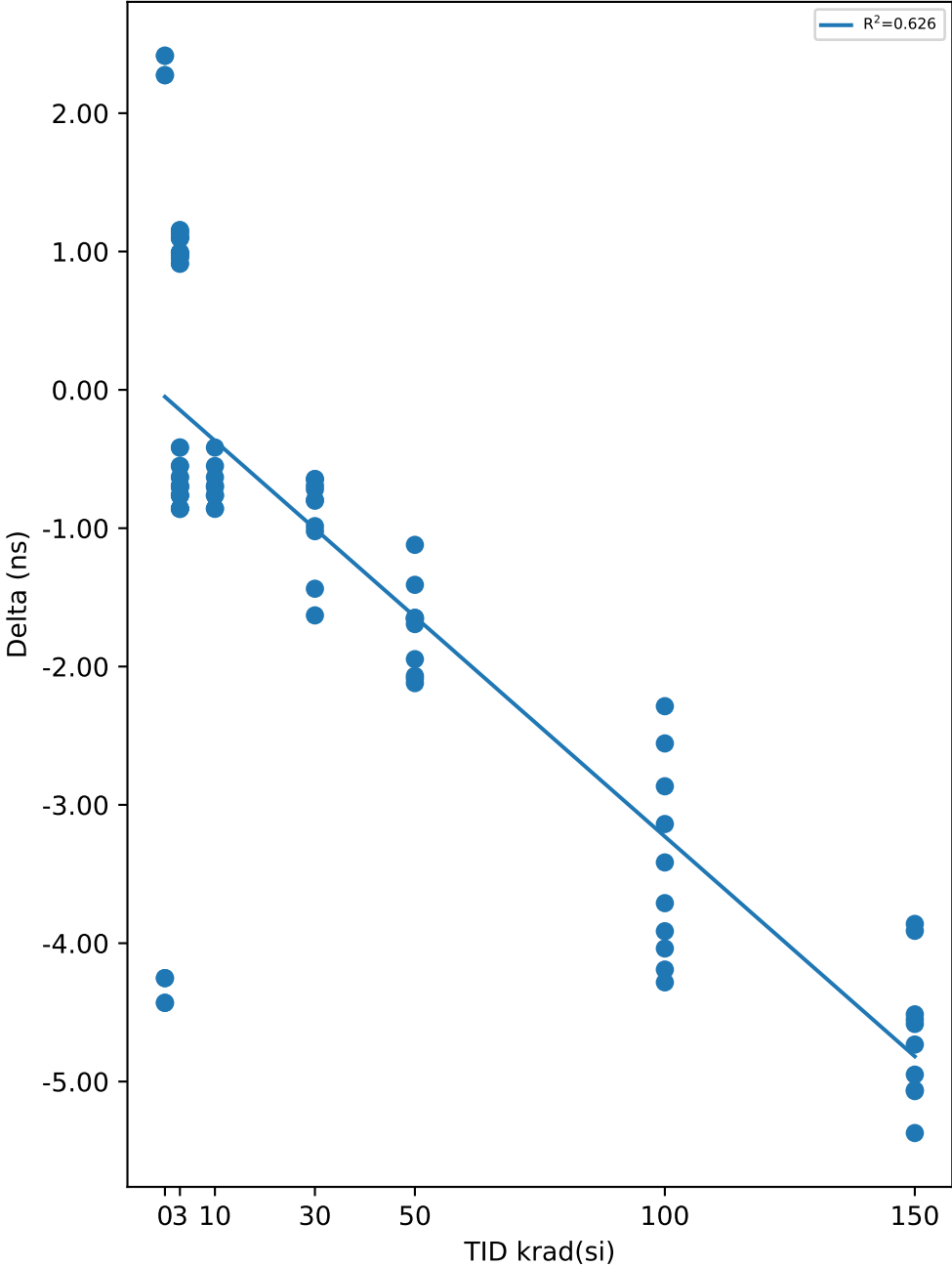
TID vs Result Stats



Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	101.45	97.022	-4.431
2	0	CORRELATION	99.678	101.95	2.2747
259	3	LDR Biased	102.44	103.59	1.1542
426	3	LDR Biased	102.73	103.71	0.975
427	3	LDR Biased	97.128	98.04	0.9121
428	3	LDR Biased	101.75	102.74	0.9899
429	3	LDR Unbiased	100.98	102.12	1.133
430	3	LDR Unbiased	99.503	100.5	0.9941
431	3	LDR Unbiased	96.835	97.93	1.0955
432	3	LDR Unbiased	102.37	103.47	1.1007
433	3	LDR Unbiased	101.48	102.44	0.957
1259	10	LDR Biased	102.44	101.75	-0.6928
1426	10	LDR Biased	102.73	102.18	-0.5505
1427	10	LDR Biased	97.128	96.366	-0.762
1428	10	LDR Biased	101.75	100.99	-0.7633
1429	10	LDR Unbiased	100.98	100.28	-0.7034
1430	10	LDR Unbiased	99.503	99.086	-0.4168
1431	10	LDR Unbiased	96.835	95.974	-0.8603
1432	10	LDR Unbiased	102.37	101.74	-0.6318
1433	10	LDR Unbiased	101.48	100.62	-0.857
2434	30	LDR Biased	100.36	99.341	-1.0215
2435	30	LDR Biased	98.187	97.541	-0.6453
2436	30	LDR Biased	100.71	99.989	-0.7189
2437	30	LDR Biased	102.02	101.22	-0.8013
2438	30	LDR Biased	100.88	99.893	-0.9854
2439	30	LDR Unbiased	99.334	98.642	-0.6916
2440	30	LDR Unbiased	100.52	98.889	-1.6303
2441	30	LDR Unbiased	101.45	100.02	-1.4376
2443	30	LDR Unbiased	99.678	99.033	-0.6449
2444	30	LDR Unbiased	102.17	101.38	-0.7962
3434	50	LDR Biased	100.36	98.416	-1.9468
3435	50	LDR Biased	98.187	96.777	-1.4094
3436	50	LDR Biased	100.71	99.588	-1.1204
3437	50	LDR Biased	102.02	100.37	-1.649
3438	50	LDR Biased	100.88	99.185	-1.693
3439	50	LDR Unbiased	99.334	97.674	-1.6597
3440	50	LDR Unbiased	100.52	98.451	-2.0677
3441	50	LDR Unbiased	101.45	99.333	-2.12
3443	50	LDR Unbiased	99.678	98.031	-1.6478
3444	50	LDR Unbiased	102.17	100.09	-2.0873
4434	100	LDR Biased	100.36	96.652	-3.7106
4435	100	LDR Biased	98.187	95.631	-2.5559
4436	100	LDR Biased	100.71	97.57	-3.1385
4437	100	LDR Biased	102.02	99.731	-2.2867
4438	100	LDR Biased	100.88	96.84	-4.0381
4439	100	LDR Unbiased	99.334	95.917	-3.4162
4440	100	LDR Unbiased	100.52	96.329	-4.1905
4441	100	LDR Unbiased	101.45	97.17	-4.2831
4443	100	LDR Unbiased	99.678	96.813	-2.8656
4444	100	LDR Unbiased	102.17	98.259	-3.9134
4500	150	LDR Biased	103.12	99.264	-3.8606
4501	150	LDR Biased	102.8	97.426	-5.3722
4502	150	LDR Biased	101.31	96.365	-4.9501
4503	150	LDR Biased	103.51	98.448	-5.0618
4504	150	LDR Biased	100.76	96.179	-4.5836
4505	150	LDR Unbiased	101.71	97.795	-3.9105
4506	150	LDR Unbiased	100.68	96.161	-4.5142
4507	150	LDR Unbiased	99.857	94.788	-5.0691
4508	150	LDR Unbiased	100.43	95.698	-4.7326
4509	150	LDR Unbiased	101.04	96.492	-4.5515

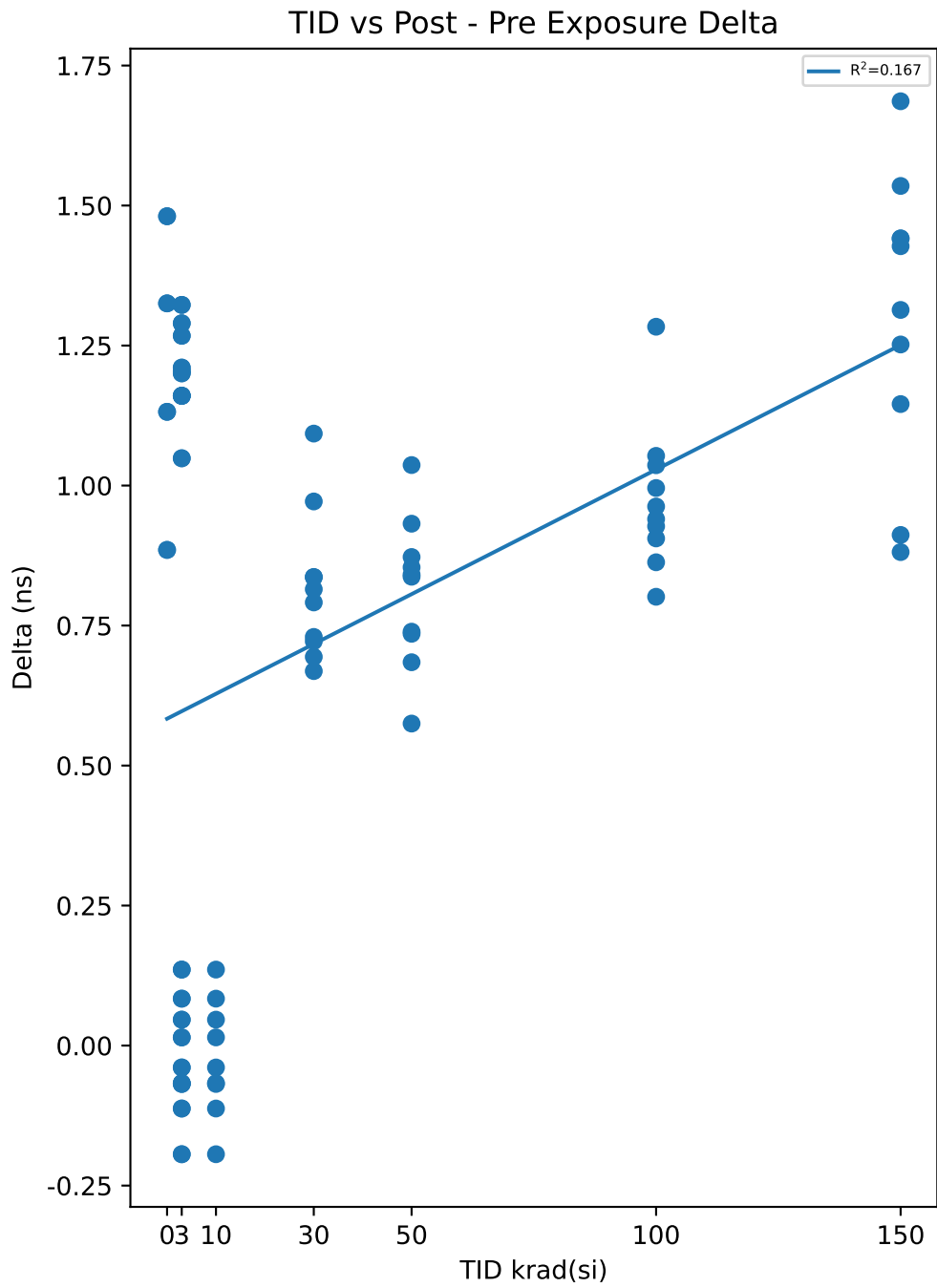
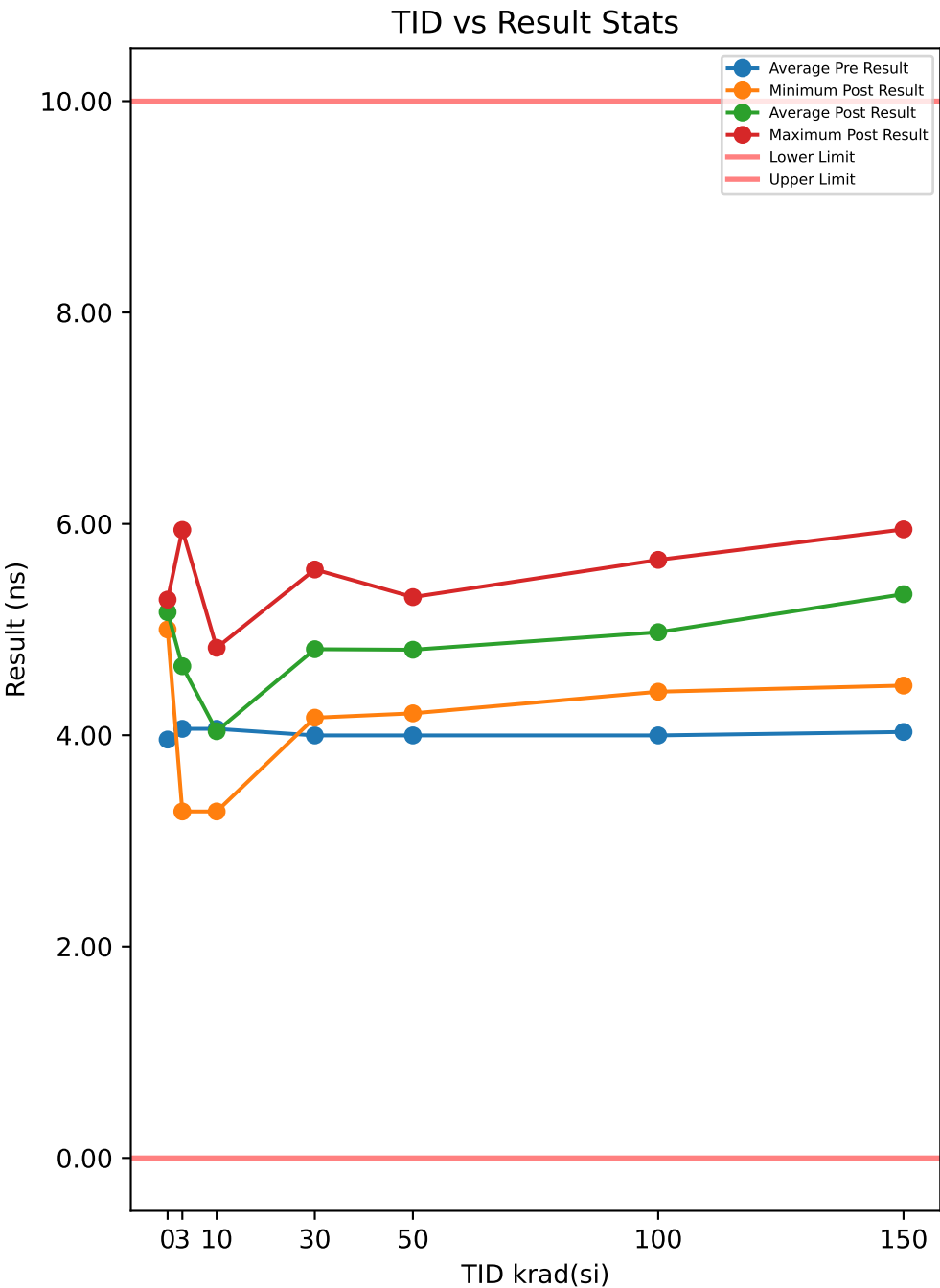
TID vs Post - Pre Exposure Delta



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	99.678	100.57	101.45	1.2551	97.022	99.488	101.95	3.4865	-4.431	-1.0781	2.2747	4.7416
3	96.835	100.58	102.73	2.2568	97.93	101.61	103.71	2.2788	0.9121	1.0346	1.1542	0.086807
10	96.835	100.58	102.73	2.2568	95.974	99.887	102.18	2.3025	-0.8603	-0.6931	-0.4168	0.14363
30	98.187	100.53	102.17	1.2289	97.541	99.594	101.38	1.1656	-1.6303	-0.9373	-0.6449	0.34273
50	98.187	100.53	102.17	1.2289	96.777	98.791	100.37	1.1247	-2.12	-1.7401	-1.1204	0.32211
100	98.187	100.53	102.17	1.2289	95.631	97.091	99.731	1.2015	-4.2831	-3.4399	-2.2867	0.70414
150	99.857	101.52	103.51	1.2343	94.788	96.862	99.264	1.3529	-5.3722	-4.6606	-3.8606	0.49048

Device Test: 96.29 DHL Dead Time Min 2MHz VIN_12V

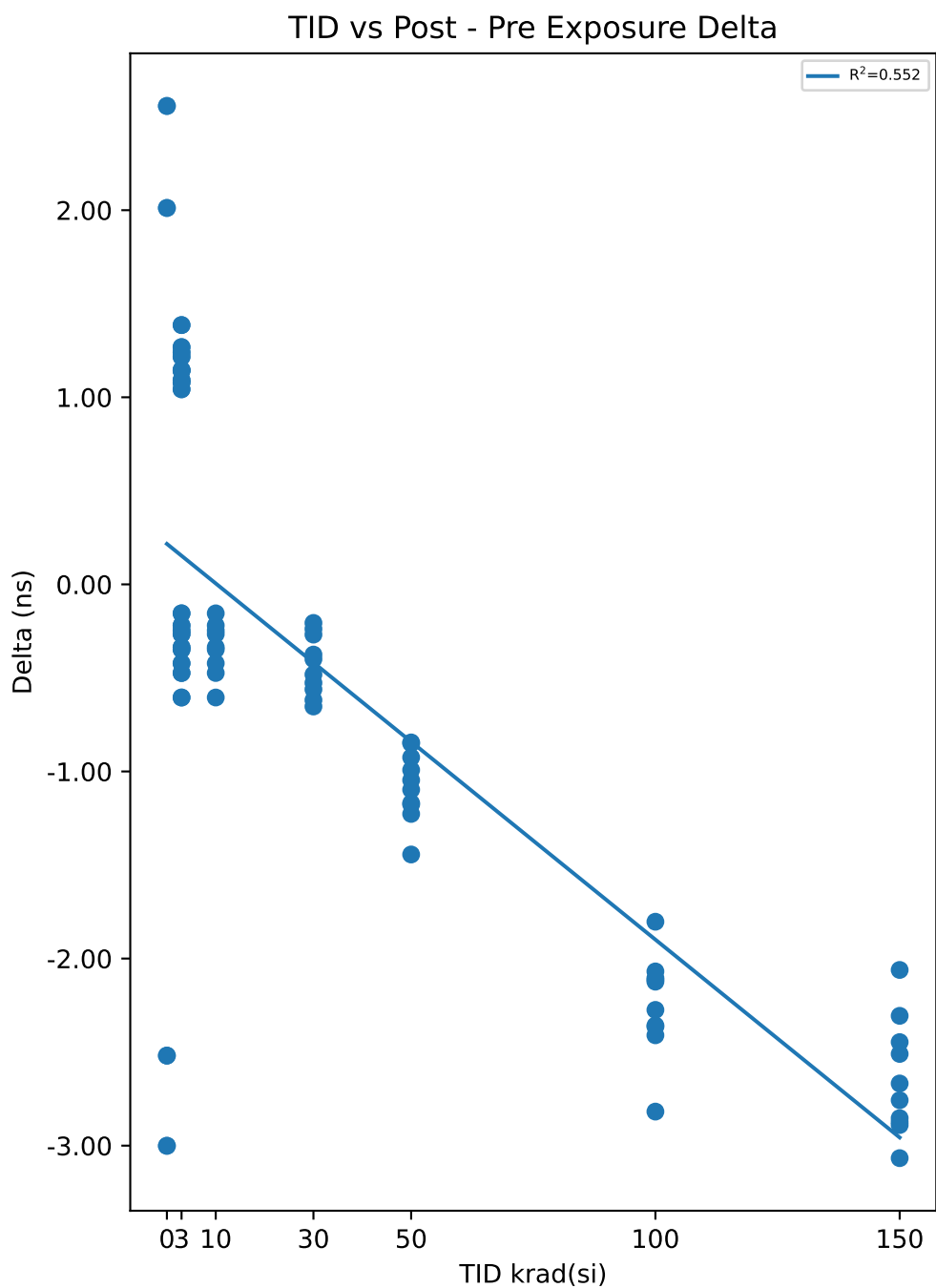
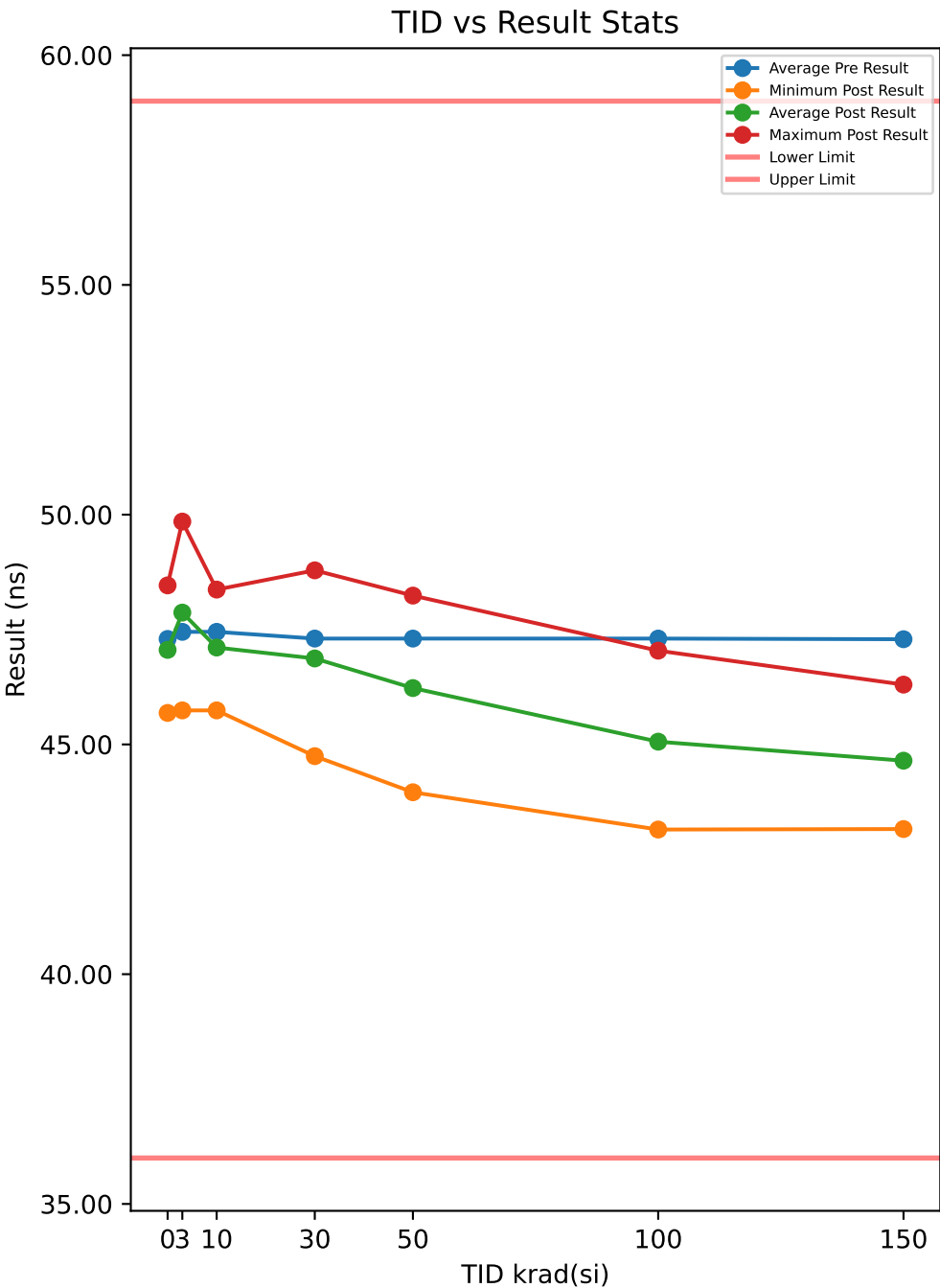


Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8022	5.1275	1.3253
2	0	CORRELATION	4.1156	5.0007	0.8851
259	3	LDR Biased	3.8213	4.9818	1.1605
426	3	LDR Biased	3.7633	5.0859	1.3226
427	3	LDR Biased	4.8943	5.943	1.0487
428	3	LDR Biased	4.1478	5.3519	1.2041
429	3	LDR Unbiased	3.2322	4.4428	1.2106
430	3	LDR Unbiased	4.1926	5.4823	1.2897
431	3	LDR Unbiased	4.357	5.6245	1.2675
432	3	LDR Unbiased	3.88	5.0804	1.2004
433	3	LDR Unbiased	4.2562	5.4163	1.1601
1259	10	LDR Biased	3.8213	3.6273	-0.194
1426	10	LDR Biased	3.7633	3.899	0.1357
1427	10	LDR Biased	4.8943	4.8272	-0.0671
1428	10	LDR Biased	4.1478	4.1087	-0.0391
1429	10	LDR Unbiased	3.2322	3.2785	0.0463
1430	10	LDR Unbiased	4.1926	4.2764	0.0838
1431	10	LDR Unbiased	4.357	4.2446	-0.1124
1432	10	LDR Unbiased	3.88	3.8115	-0.0685
1433	10	LDR Unbiased	4.2562	4.2708	0.0146
2434	30	LDR Biased	3.4716	4.1657	0.6941
2435	30	LDR Biased	4.7317	5.568	0.8363
2436	30	LDR Biased	3.7611	4.4298	0.6687
2437	30	LDR Biased	4.2502	5.065	0.8148
2438	30	LDR Biased	4.2779	5.1147	0.8368
2439	30	LDR Unbiased	3.7003	4.6719	0.9716
2440	30	LDR Unbiased	3.9867	4.7164	0.7297
2441	30	LDR Unbiased	3.8022	4.895	1.0928
2443	30	LDR Unbiased	4.1156	4.9069	0.7913
2444	30	LDR Unbiased	3.8831	4.6051	0.722
3434	50	LDR Biased	3.4716	4.2069	0.7353
3435	50	LDR Biased	4.7317	5.3067	0.575
3436	50	LDR Biased	3.7611	4.4456	0.6845
3437	50	LDR Biased	4.2502	5.2868	1.0366
3438	50	LDR Biased	4.2779	5.2098	0.9319
3439	50	LDR Unbiased	3.7003	4.5414	0.8411
3440	50	LDR Unbiased	3.9867	4.8407	0.854
3441	50	LDR Unbiased	3.8022	4.6746	0.8724
3443	50	LDR Unbiased	4.1156	4.8547	0.7391
3444	50	LDR Unbiased	3.8831	4.7203	0.8372
4434	100	LDR Biased	3.4716	4.4118	0.9402
4435	100	LDR Biased	4.7317	5.659	0.9273
4436	100	LDR Biased	3.7611	4.8141	1.053
4437	100	LDR Biased	4.2502	5.5338	1.2836
4438	100	LDR Biased	4.2779	5.3142	1.0363
4439	100	LDR Unbiased	3.7003	4.6959	0.9956
4440	100	LDR Unbiased	3.9867	4.8497	0.863
4441	100	LDR Unbiased	3.8022	4.7648	0.9626
4443	100	LDR Unbiased	4.1156	4.917	0.8014
4444	100	LDR Unbiased	3.8831	4.7887	0.9056
4500	150	LDR Biased	3.9771	5.229	1.2519
4501	150	LDR Biased	3.628	5.0693	1.4413
4502	150	LDR Biased	4.1277	5.5551	1.4274
4503	150	LDR Biased	4.3504	5.7915	1.4411
4504	150	LDR Biased	4.6341	5.9477	1.3136
4505	150	LDR Unbiased	3.6733	5.3595	1.6862
4506	150	LDR Unbiased	3.9852	5.5202	1.535
4507	150	LDR Unbiased	4.5219	5.4337	0.9118
4508	150	LDR Unbiased	3.5888	4.47	0.8812
4509	150	LDR Unbiased	3.8225	4.968	1.1455

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	3.8022	3.9589	4.1156	0.22161	5.0007	5.0641	5.1275	0.089661	0.8851	1.1052	1.3253	0.31127
3	3.2322	4.0605	4.8943	0.46243	4.4428	5.2677	5.943	0.43141	1.0487	1.2071	1.3226	0.081661
10	3.2322	4.0605	4.8943	0.46243	3.2785	4.0382	4.8272	0.44689	-0.194	-0.0223	0.1357	0.10266
30	3.4716	3.998	4.7317	0.36019	4.1657	4.8139	5.568	0.39135	0.6687	0.81581	1.0928	0.13129
50	3.4716	3.998	4.7317	0.36019	4.2069	4.8087	5.3067	0.36996	0.575	0.81071	1.0366	0.13137
100	3.4716	3.998	4.7317	0.36019	4.4118	4.9749	5.659	0.39639	0.8014	0.97686	1.2836	0.13191
150	3.5888	4.0309	4.6341	0.37275	4.47	5.3344	5.9477	0.42709	0.8812	1.3035	1.6862	0.26094

Device Test: 96.3 DLH Dead Time Large 500kHz VIN_12V



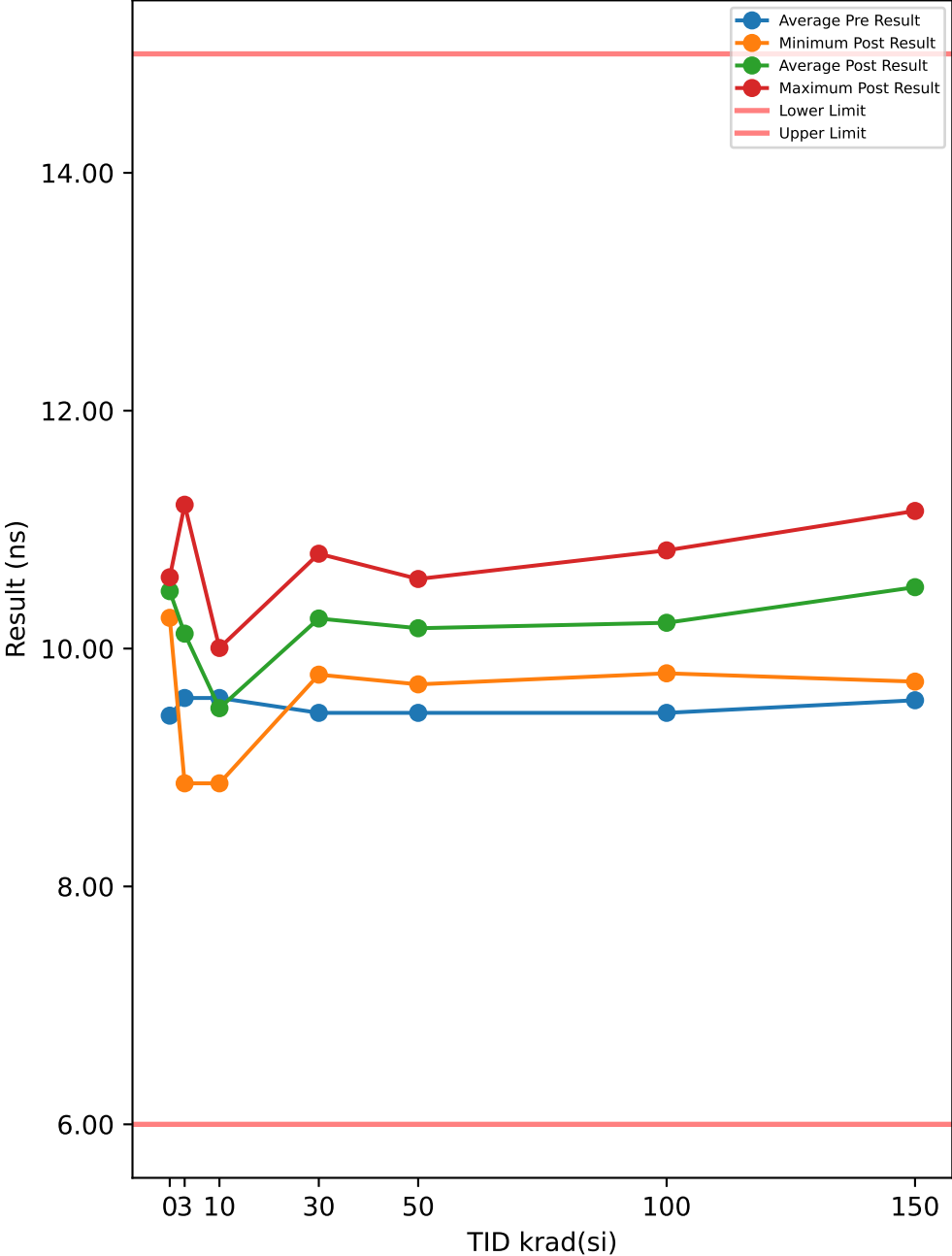
Test Results (Lower Limit = 36.0, Upper Limit = 59.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	48.686	45.685	-3.0008
2	0	CORRELATION	45.904	47.916	2.0119
259	3	LDR Biased	47.455	48.695	1.2399
426	3	LDR Biased	47.34	48.726	1.3859
427	3	LDR Biased	47.676	48.944	1.2681
428	3	LDR Biased	46.49	47.533	1.0428
429	3	LDR Unbiased	46.089	47.235	1.1465
430	3	LDR Unbiased	48.757	49.85	1.0925
431	3	LDR Unbiased	48.616	49.833	1.2165
432	3	LDR Unbiased	46.701	47.842	1.1415
433	3	LDR Unbiased	47.927	49.005	1.0785
1259	10	LDR Biased	47.455	47.3	-0.1549
1426	10	LDR Biased	47.34	47.074	-0.2657
1427	10	LDR Biased	47.676	47.456	-0.2196
1428	10	LDR Biased	46.49	45.886	-0.6047
1429	10	LDR Unbiased	46.089	45.741	-0.3481
1430	10	LDR Unbiased	48.757	48.335	-0.4219
1431	10	LDR Unbiased	48.616	48.37	-0.2467
1432	10	LDR Unbiased	46.701	46.365	-0.336
1433	10	LDR Unbiased	47.927	47.453	-0.4737
2434	30	LDR Biased	45.579	45.31	-0.2685
2435	30	LDR Biased	48.902	48.42	-0.4819
2436	30	LDR Biased	44.951	44.745	-0.2061
2437	30	LDR Biased	47.825	47.264	-0.5613
2438	30	LDR Biased	48	47.347	-0.6528
2439	30	LDR Unbiased	48.146	47.908	-0.2382
2440	30	LDR Unbiased	49.164	48.789	-0.3752
2441	30	LDR Unbiased	48.686	48.16	-0.5264
2443	30	LDR Unbiased	45.904	45.286	-0.6184
2444	30	LDR Unbiased	45.879	45.48	-0.3997
3434	50	LDR Biased	45.579	44.734	-0.8448
3435	50	LDR Biased	48.902	48.052	-0.8497
3436	50	LDR Biased	44.951	43.959	-0.992
3437	50	LDR Biased	47.825	46.656	-1.1693
3438	50	LDR Biased	48	46.556	-1.4438
3439	50	LDR Unbiased	48.146	46.97	-1.1763
3440	50	LDR Unbiased	49.164	48.239	-0.9248
3441	50	LDR Unbiased	48.686	47.459	-1.227
3443	50	LDR Unbiased	45.904	44.807	-1.0975
3444	50	LDR Unbiased	45.879	44.833	-1.0463
4434	100	LDR Biased	45.579	43.465	-2.1137
4435	100	LDR Biased	48.902	46.798	-2.1042
4436	100	LDR Biased	44.951	43.148	-1.8032
4437	100	LDR Biased	47.825	45.756	-2.0688
4438	100	LDR Biased	48	45.182	-2.818
4439	100	LDR Unbiased	48.146	45.788	-2.3579
4440	100	LDR Unbiased	49.164	47.04	-2.1236
4441	100	LDR Unbiased	48.686	46.276	-2.4101
4443	100	LDR Unbiased	45.904	43.63	-2.2745
4444	100	LDR Unbiased	45.879	43.515	-2.3639
4500	150	LDR Biased	45.435	43.374	-2.0609
4501	150	LDR Biased	48.482	45.609	-2.8737
4502	150	LDR Biased	48	45.553	-2.4466
4503	150	LDR Biased	48.796	45.729	-3.0668
4504	150	LDR Biased	45.862	43.352	-2.5098
4505	150	LDR Unbiased	47.07	44.181	-2.8899
4506	150	LDR Unbiased	46.521	43.853	-2.6678
4507	150	LDR Unbiased	46.011	43.158	-2.853
4508	150	LDR Unbiased	48.608	46.302	-2.3062
4509	150	LDR Unbiased	48.108	45.35	-2.7572

Test Statistics (ns)

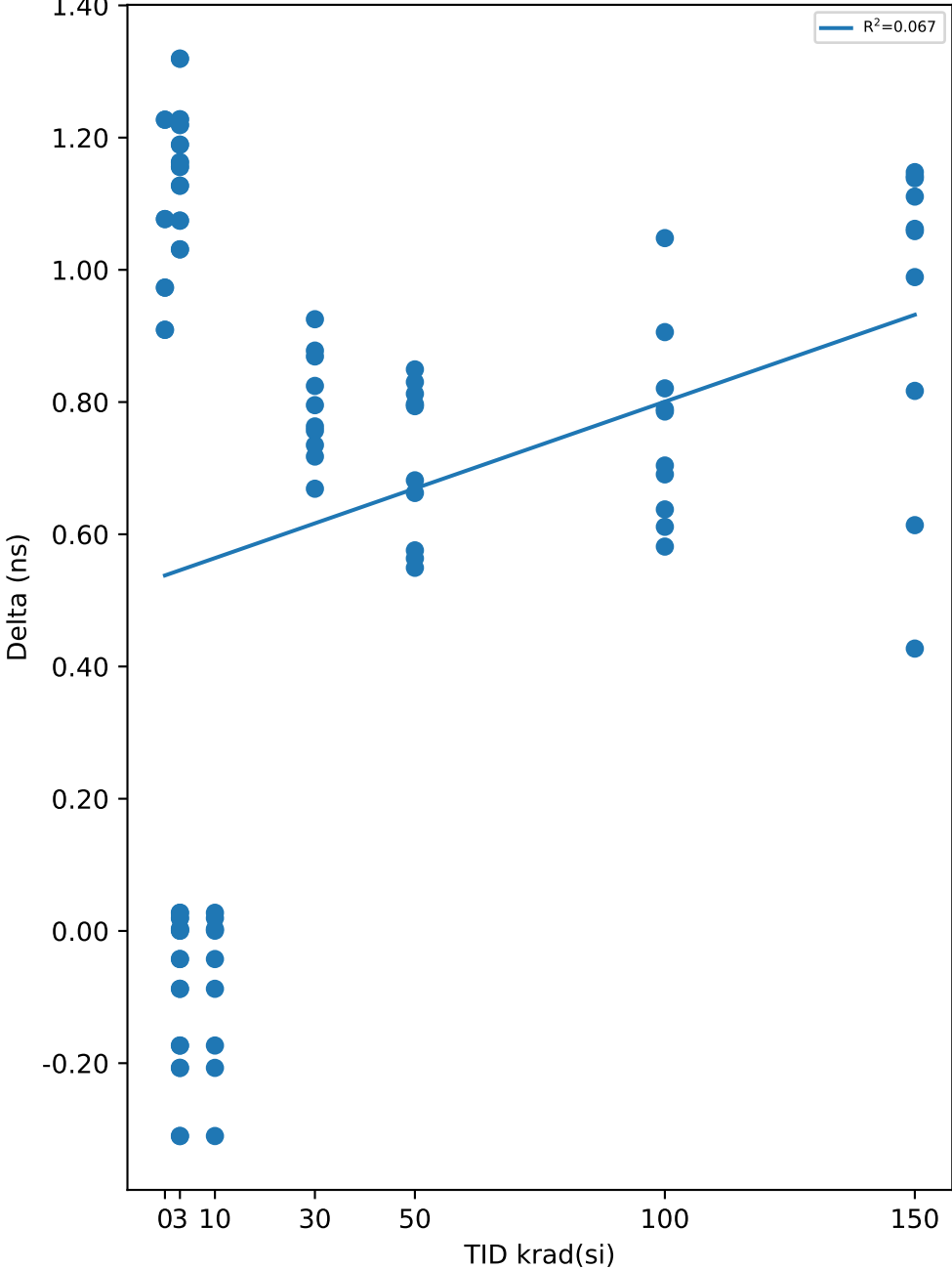
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	45.904	47.295	48.686	1.9671	45.685	46.801	47.916	1.5774	-3.0008	-0.49445	2.0119	3.5445
3	46.089	47.45	48.757	0.91481	47.235	48.629	49.85	0.93249	1.0428	1.1791	1.3859	0.10866
10	46.089	47.45	48.757	0.91481	45.741	47.109	48.37	0.95476	-0.6047	-0.34126	-0.1549	0.1404
30	44.951	47.304	49.164	1.5596	44.745	46.871	48.789	1.5129	-0.6528	-0.43285	-0.2061	0.16028
50	44.951	47.304	49.164	1.5596	43.959	46.226	48.239	1.5303	-1.4438	-1.0771	-0.8448	0.18642
100	44.951	47.304	49.164	1.5596	43.148	45.06	47.04	1.4937	-2.818	-2.2438	-1.8032	0.27108
150	45.435	47.289	48.796	1.2628	43.158	44.646	46.302	1.1789	-3.0668	-2.6432	-2.0609	0.30914

Device Test: 96.30 DHL Dead Time Small 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

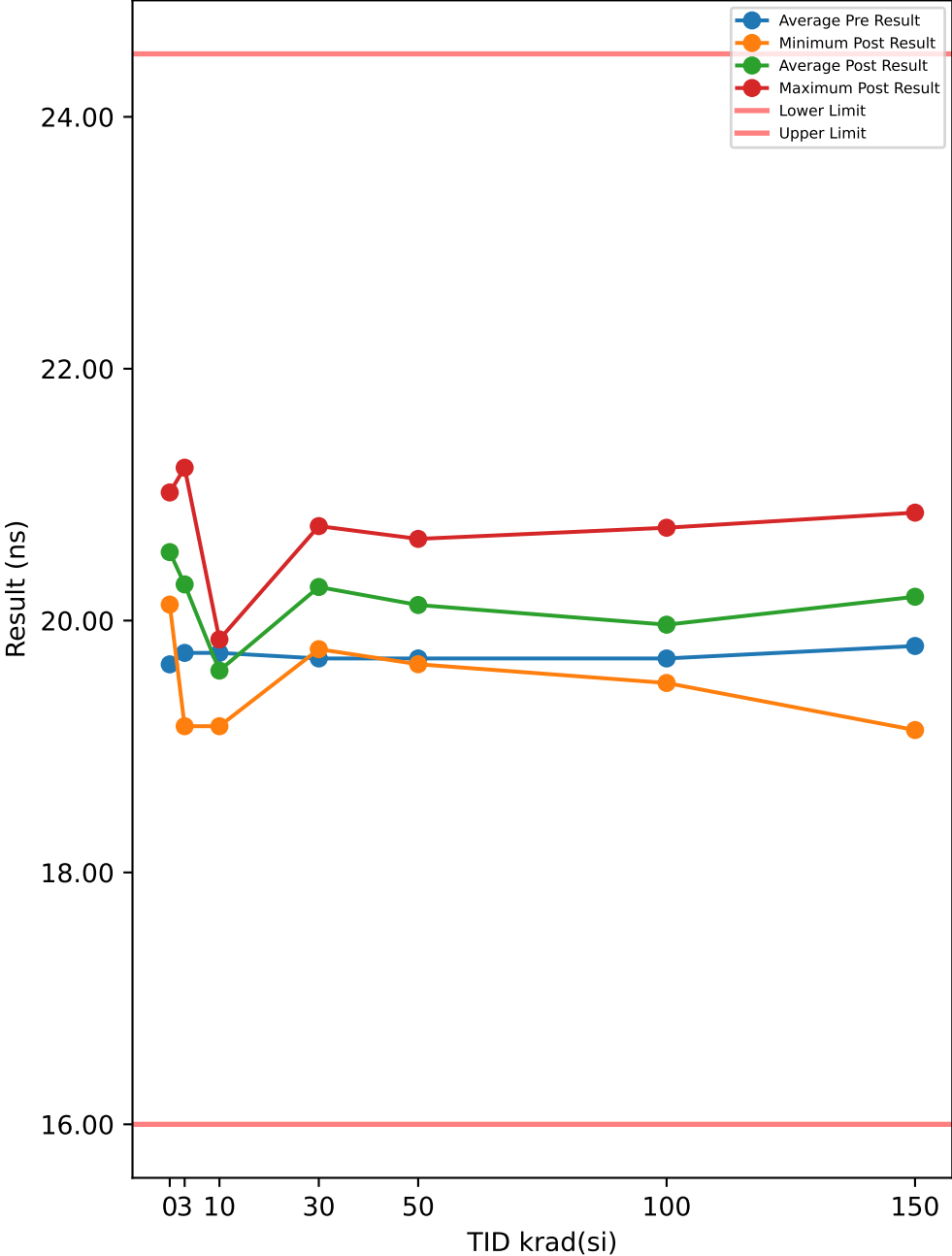
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.3492	10.258	0.9093
2	0	CORRELATION	9.5228	10.6	1.0768
259	3	LDR Biased	9.48	10.607	1.1273
426	3	LDR Biased	9.4916	10.719	1.2277
427	3	LDR Biased	10.178	11.209	1.031
428	3	LDR Biased	9.6905	11.01	1.3194
429	3	LDR Unbiased	8.864	10.053	1.1893
430	3	LDR Unbiased	9.6546	10.874	1.2191
431	3	LDR Unbiased	9.7158	10.79	1.0744
432	3	LDR Unbiased	9.4397	10.595	1.1557
433	3	LDR Unbiased	9.7451	10.908	1.1628
1259	10	LDR Biased	9.48	9.2729	-0.2071
1426	10	LDR Biased	9.4916	9.511	0.0194
1427	10	LDR Biased	10.178	10.005	-0.1733
1428	10	LDR Biased	9.6905	9.718	0.0275
1429	10	LDR Unbiased	8.864	8.867	0.003
1430	10	LDR Unbiased	9.6546	9.655	0.0004
1431	10	LDR Unbiased	9.7158	9.4056	-0.3102
1432	10	LDR Unbiased	9.4397	9.3972	-0.0425
1433	10	LDR Unbiased	9.7451	9.6576	-0.0875
2434	30	LDR Biased	9.0176	9.7807	0.7631
2435	30	LDR Biased	9.9197	10.797	0.8778
2436	30	LDR Biased	9.2233	9.9801	0.7568
2437	30	LDR Biased	9.7356	10.531	0.7953
2438	30	LDR Biased	9.7213	10.647	0.9253
2439	30	LDR Unbiased	9.1543	10.023	0.869
2440	30	LDR Unbiased	9.4676	10.136	0.6689
2441	30	LDR Unbiased	9.3492	10.174	0.8244
2443	30	LDR Unbiased	9.5228	10.258	0.7349
2444	30	LDR Unbiased	9.4827	10.2	0.7176
3434	50	LDR Biased	9.0176	9.6992	0.6816
3435	50	LDR Biased	9.9197	10.469	0.5493
3436	50	LDR Biased	9.2233	10.017	0.7938
3437	50	LDR Biased	9.7356	10.585	0.8494
3438	50	LDR Biased	9.7213	10.534	0.8125
3439	50	LDR Unbiased	9.1543	9.9511	0.7968
3440	50	LDR Unbiased	9.4676	10.043	0.5757
3441	50	LDR Unbiased	9.3492	10.18	0.8303
3443	50	LDR Unbiased	9.5228	10.185	0.6625
3444	50	LDR Unbiased	9.4827	10.046	0.5635
4434	100	LDR Biased	9.0176	9.8068	0.7892
4435	100	LDR Biased	9.9197	10.825	0.9058
4436	100	LDR Biased	9.2233	10.044	0.8207
4437	100	LDR Biased	9.7356	10.784	1.048
4438	100	LDR Biased	9.7213	10.507	0.7857
4439	100	LDR Unbiased	9.1543	9.7919	0.6376
4440	100	LDR Unbiased	9.4676	10.079	0.6113
4441	100	LDR Unbiased	9.3492	10.053	0.704
4443	100	LDR Unbiased	9.5228	10.213	0.6906
4444	100	LDR Unbiased	9.4827	10.064	0.5814
4500	150	LDR Biased	9.5911	10.653	1.062
4501	150	LDR Biased	9.2609	10.372	1.1108
4502	150	LDR Biased	9.6406	10.63	0.989
4503	150	LDR Biased	9.9033	11.042	1.1385
4504	150	LDR Biased	10.098	11.157	1.0586
4505	150	LDR Unbiased	9.2578	10.406	1.1478
4506	150	LDR Unbiased	9.4399	10.582	1.1419
4507	150	LDR Unbiased	10.078	10.505	0.4271
4508	150	LDR Unbiased	9.1084	9.7222	0.6138
4509	150	LDR Unbiased	9.2763	10.093	0.8169

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	9.3492	9.436	9.5228	0.12275	10.258	10.429	10.6	0.24119	0.9093	0.99305	1.0768	0.11844
3	8.864	9.5844	10.178	0.34846	10.053	10.752	11.209	0.32614	1.031	1.1674	1.3194	0.085814
10	8.864	9.5844	10.178	0.34846	8.867	9.4988	10.005	0.32079	-0.3102	-0.085589	0.0275	0.11928
30	9.0176	9.4594	9.9197	0.28236	9.7807	10.253	10.797	0.31651	0.6689	0.79331	0.9253	0.080365
50	9.0176	9.4594	9.9197	0.28236	9.6992	10.171	10.585	0.28257	0.5493	0.71154	0.8494	0.11894
100	9.0176	9.4594	9.9197	0.28236	9.7919	10.217	10.825	0.36872	0.5814	0.75743	1.048	0.14387
150	9.1084	9.5654	10.098	0.35941	9.7222	10.516	11.157	0.41707	0.4271	0.95064	1.1478	0.25108

Device Test: 96.31 DHL Dead Time Mid 2MHz VIN_12V

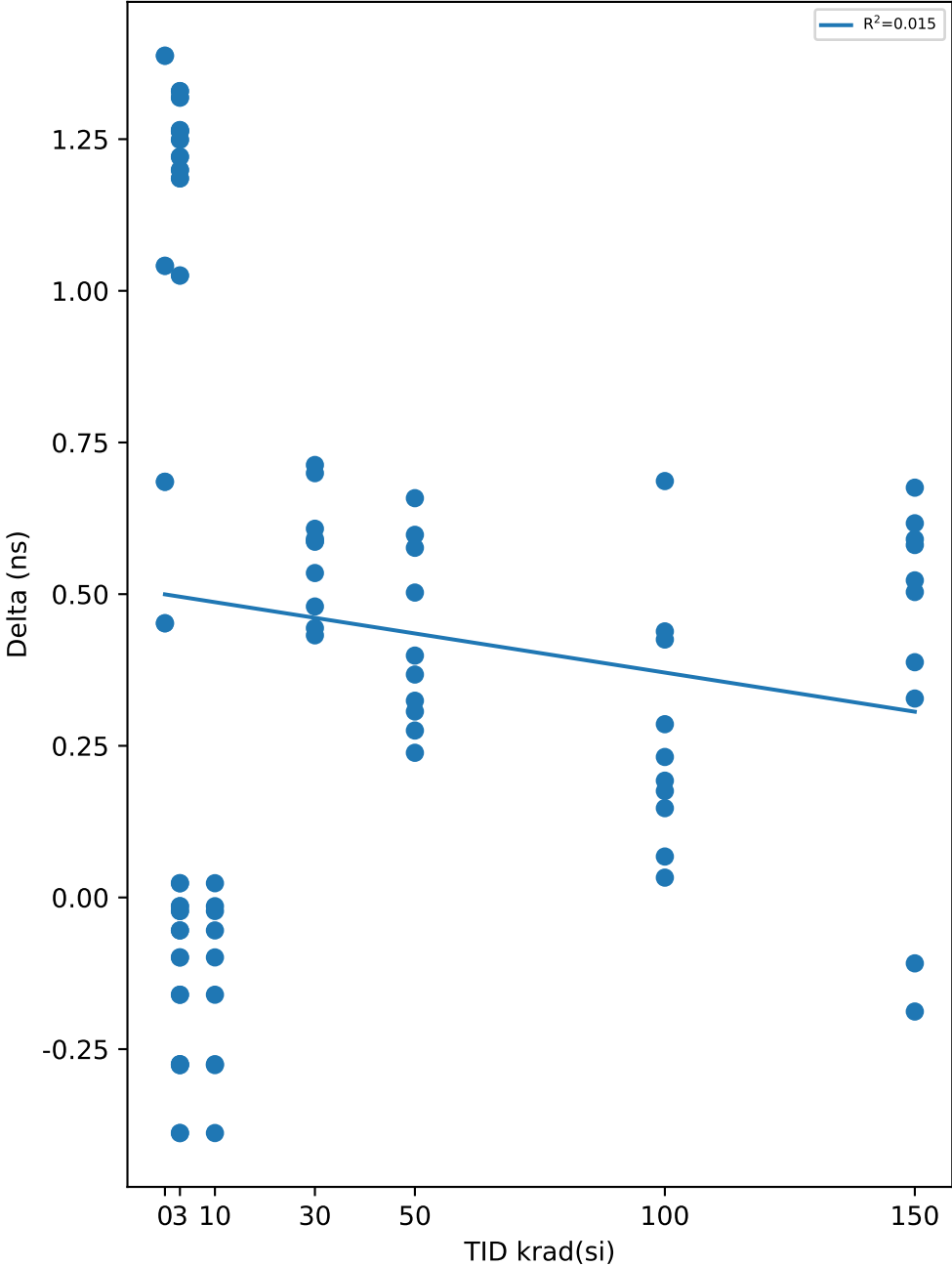
TID vs Result Stats



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

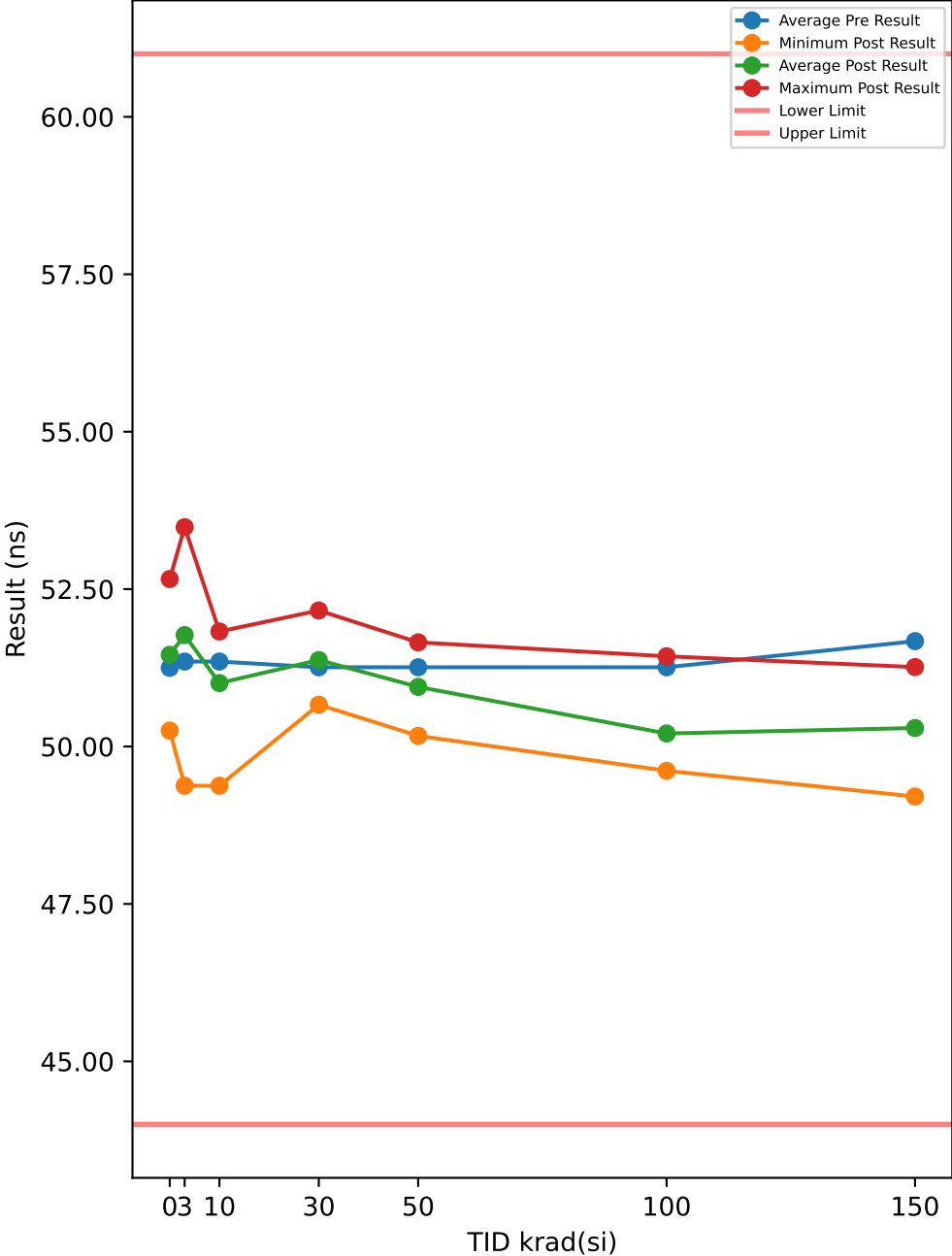
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.675	20.127	0.452
2	0	CORRELATION	19.63	20.671	1.0412
259	3	LDR Biased	19.893	21.078	1.1853
426	3	LDR Biased	19.77	21.032	1.2627
427	3	LDR Biased	19.988	21.014	1.0252
428	3	LDR Biased	19.949	21.214	1.2649
429	3	LDR Unbiased	19.176	20.494	1.3185
430	3	LDR Unbiased	19.791	21.12	1.3292
431	3	LDR Unbiased	19.566	20.765	1.1992
432	3	LDR Unbiased	19.684	20.933	1.2491
433	3	LDR Unbiased	19.875	21.096	1.221
1259	10	LDR Biased	19.893	19.616	-0.2763
1426	10	LDR Biased	19.77	19.793	0.0235
1427	10	LDR Biased	19.988	19.714	-0.2748
1428	10	LDR Biased	19.949	19.85	-0.0988
1429	10	LDR Unbiased	19.176	19.161	-0.0144
1430	10	LDR Unbiased	19.791	19.769	-0.0223
1431	10	LDR Unbiased	19.566	19.177	-0.3883
1432	10	LDR Unbiased	19.684	19.63	-0.0543
1433	10	LDR Unbiased	19.875	19.715	-0.1603
2434	30	LDR Biased	19.392	19.979	0.5864
2435	30	LDR Biased	19.848	20.56	0.7129
2436	30	LDR Biased	19.521	20.055	0.5348
2437	30	LDR Biased	20.051	20.75	0.6994
2438	30	LDR Biased	20.054	20.645	0.5911
2439	30	LDR Unbiased	19.329	19.773	0.444
2440	30	LDR Unbiased	19.661	20.093	0.4321
2441	30	LDR Unbiased	19.675	20.154	0.4796
2443	30	LDR Unbiased	19.63	20.238	0.6078
2444	30	LDR Unbiased	19.831	20.419	0.5879
3434	50	LDR Biased	19.392	19.667	0.2752
3435	50	LDR Biased	19.848	20.215	0.3675
3436	50	LDR Biased	19.521	20.179	0.6582
3437	50	LDR Biased	20.051	20.649	0.5978
3438	50	LDR Biased	20.054	20.453	0.3987
3439	50	LDR Unbiased	19.329	19.653	0.3243
3440	50	LDR Unbiased	19.661	20.164	0.5026
3441	50	LDR Unbiased	19.675	20.251	0.5764
3443	50	LDR Unbiased	19.63	19.936	0.3066
3444	50	LDR Unbiased	19.831	20.07	0.2385
4434	100	LDR Biased	19.392	19.624	0.2316
4435	100	LDR Biased	19.848	20.286	0.4386
4436	100	LDR Biased	19.521	19.946	0.4252
4437	100	LDR Biased	20.051	20.737	0.6864
4438	100	LDR Biased	20.054	20.201	0.1472
4439	100	LDR Unbiased	19.329	19.505	0.1755
4440	100	LDR Unbiased	19.661	19.694	0.0327
4441	100	LDR Unbiased	19.675	19.742	0.0675
4443	100	LDR Unbiased	19.63	19.915	0.2856
4444	100	LDR Unbiased	19.831	20.024	0.1925
4500	150	LDR Biased	20.001	20.329	0.3279
4501	150	LDR Biased	19.627	20.131	0.5035
4502	150	LDR Biased	19.662	20.243	0.581
4503	150	LDR Biased	20.334	20.857	0.5227
4504	150	LDR Biased	20.117	20.792	0.6755
4505	150	LDR Unbiased	19.585	20.175	0.5904
4506	150	LDR Unbiased	19.778	20.395	0.6168
4507	150	LDR Unbiased	20.076	19.968	-0.1086
4508	150	LDR Unbiased	19.319	19.131	-0.188
4509	150	LDR Unbiased	19.483	19.87	0.3878

TID vs Post - Pre Exposure Delta

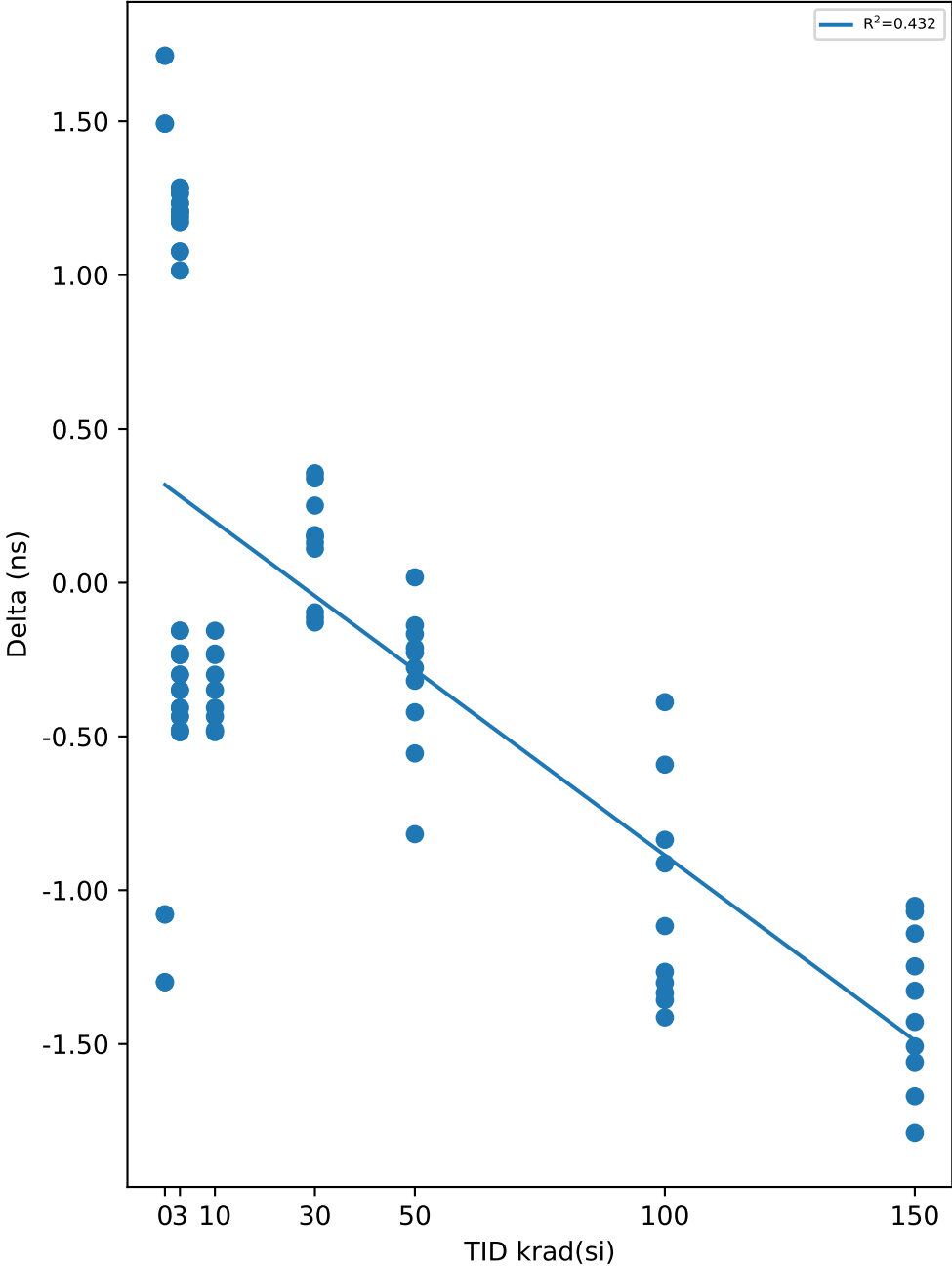


Device Test: 96.32 DHL Dead Time Large 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

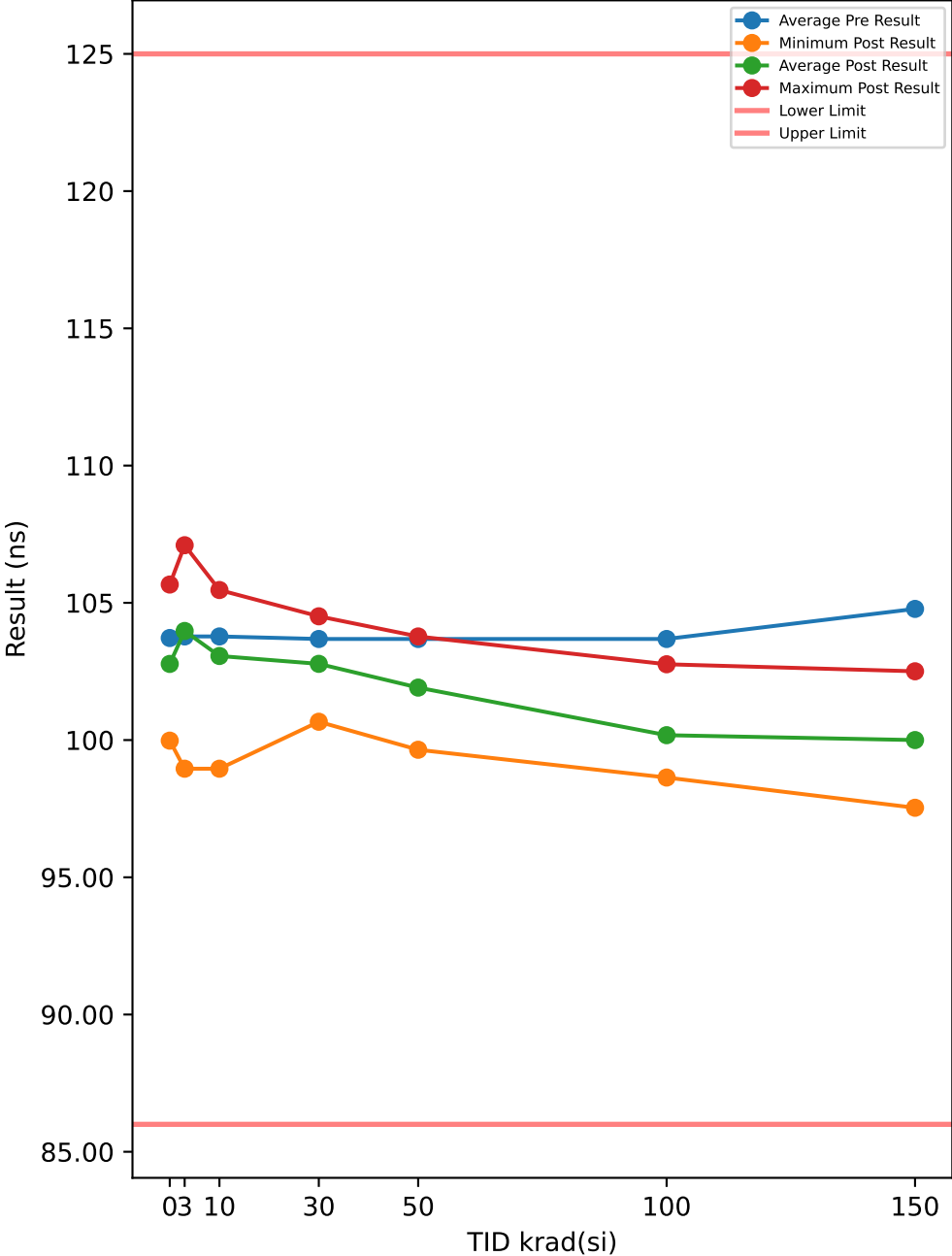
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	51.552	50.253	-1.2988
2	0	CORRELATION	50.947	52.439	1.4922
259	3	LDR Biased	52.199	53.483	1.2842
426	3	LDR Biased	52.062	53.267	1.2047
427	3	LDR Biased	50.234	51.31	1.0763
428	3	LDR Biased	51.918	53.152	1.2337
429	3	LDR Unbiased	51.32	52.585	1.2653
430	3	LDR Unbiased	51.032	52.241	1.2087
431	3	LDR Unbiased	49.857	51.046	1.1897
432	3	LDR Unbiased	51.905	53.078	1.173
433	3	LDR Unbiased	51.617	52.632	1.0148
1259	10	LDR Biased	52.199	51.792	-0.4068
1426	10	LDR Biased	52.062	51.827	-0.2353
1427	10	LDR Biased	50.234	49.798	-0.4353
1428	10	LDR Biased	51.918	51.619	-0.2992
1429	10	LDR Unbiased	51.32	51.089	-0.2307
1430	10	LDR Unbiased	51.032	50.876	-0.1563
1431	10	LDR Unbiased	49.857	49.377	-0.4796
1432	10	LDR Unbiased	51.905	51.556	-0.3492
1433	10	LDR Unbiased	51.617	51.131	-0.4861
2434	30	LDR Biased	51.254	51.141	-0.1134
2435	30	LDR Biased	50.308	50.664	0.3558
2436	30	LDR Biased	51.19	51.339	0.1492
2437	30	LDR Biased	51.821	52.16	0.3389
2438	30	LDR Biased	51.622	51.752	0.1297
2439	30	LDR Unbiased	50.731	50.886	0.1546
2440	30	LDR Unbiased	51.121	50.992	-0.1295
2441	30	LDR Unbiased	51.552	51.455	-0.0965
2443	30	LDR Unbiased	50.947	51.198	0.2508
2444	30	LDR Unbiased	52.04	52.15	0.1104
3434	50	LDR Biased	51.254	50.699	-0.5551
3435	50	LDR Biased	50.308	50.169	-0.1387
3436	50	LDR Biased	51.19	51.208	0.0174
3437	50	LDR Biased	51.821	51.654	-0.1672
3438	50	LDR Biased	51.622	51.303	-0.3192
3439	50	LDR Unbiased	50.731	50.455	-0.2767
3440	50	LDR Unbiased	51.121	50.894	-0.227
3441	50	LDR Unbiased	51.552	51.339	-0.2123
3443	50	LDR Unbiased	50.947	50.526	-0.4213
3444	50	LDR Unbiased	52.04	51.222	-0.8178
4434	100	LDR Biased	51.254	49.989	-1.2654
4435	100	LDR Biased	50.308	49.716	-0.5917
4436	100	LDR Biased	51.19	50.354	-0.8361
4437	100	LDR Biased	51.821	51.433	-0.3885
4438	100	LDR Biased	51.622	50.321	-1.3009
4439	100	LDR Unbiased	50.731	49.615	-1.1166
4440	100	LDR Unbiased	51.121	49.764	-1.3573
4441	100	LDR Unbiased	51.552	50.138	-1.4137
4443	100	LDR Unbiased	50.947	50.034	-0.9129
4444	100	LDR Unbiased	52.04	50.706	-1.3341
4500	150	LDR Biased	52.456	51.208	-1.2475
4501	150	LDR Biased	52.052	50.493	-1.5592
4502	150	LDR Biased	51.373	49.945	-1.4284
4503	150	LDR Biased	52.769	51.261	-1.5077
4504	150	LDR Biased	51.51	50.369	-1.1409
4505	150	LDR Unbiased	51.579	50.528	-1.0511
4506	150	LDR Unbiased	51.452	50.383	-1.069
4507	150	LDR Unbiased	51.293	49.503	-1.7895
4508	150	LDR Unbiased	50.876	49.206	-1.6701
4509	150	LDR Unbiased	51.369	50.042	-1.3271

Test Statistics (ns)

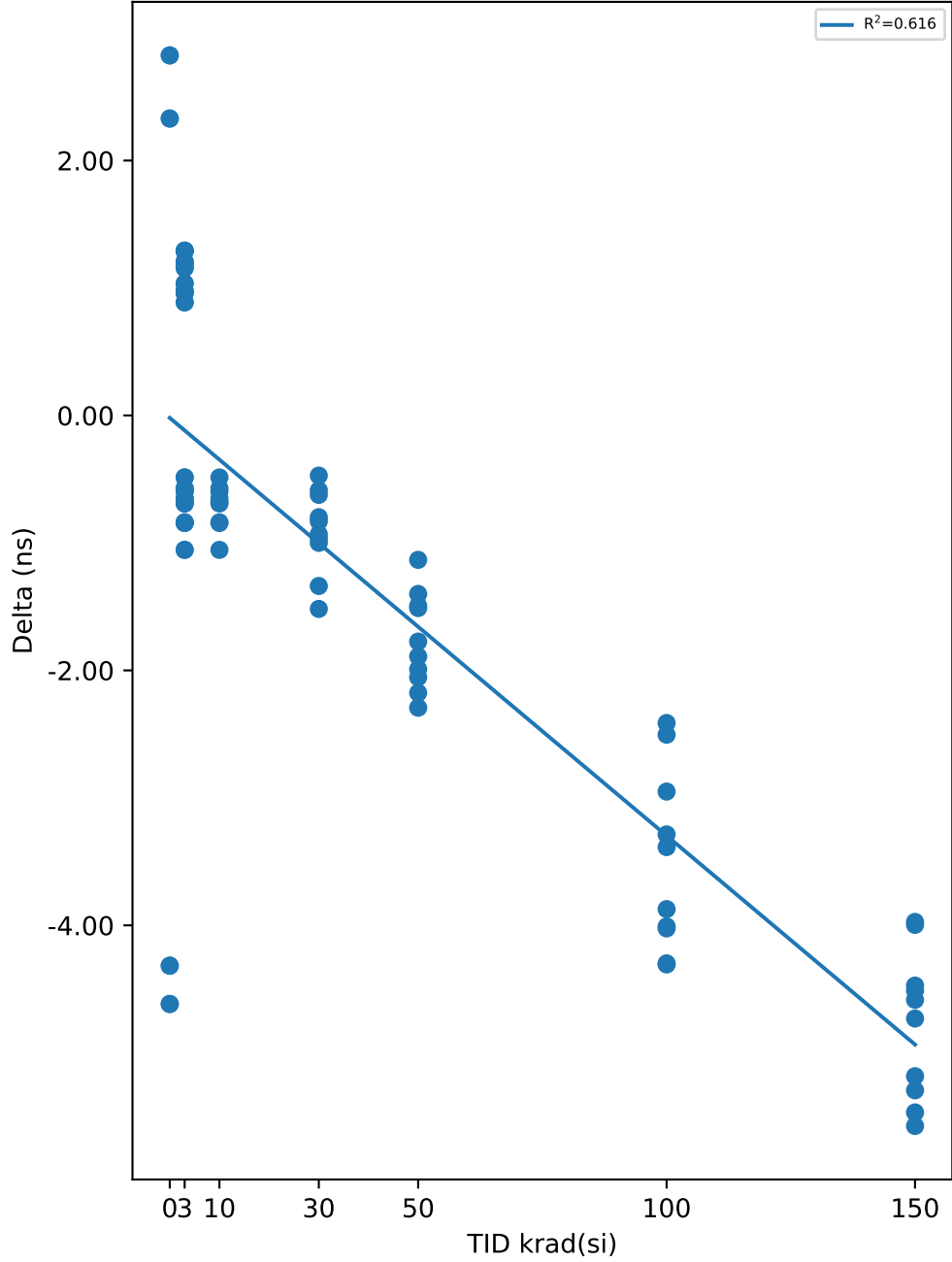
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	50.947	51.249	51.552	0.42752	50.253	51.346	52.439	1.546	-1.2988	0.0967	1.4922	1.9735
3	49.857	51.349	52.199	0.82972	51.046	52.533	53.483	0.86056	1.0148	1.1834	1.2842	0.086989
10	49.857	51.349	52.199	0.82972	49.377	51.007	51.827	0.87468	-0.4861	-0.34206	-0.1563	0.11871
30	50.308	51.259	52.04	0.52149	50.664	51.374	52.16	0.51052	-0.1295	0.115	0.3558	0.17833
50	50.308	51.259	52.04	0.52149	50.169	50.947	51.654	0.47298	-0.8178	-0.31179	0.0174	0.23684
100	50.308	51.259	52.04	0.52149	49.615	50.207	51.433	0.54328	-1.4137	-1.0517	-0.3885	0.35486
150	50.876	51.673	52.769	0.57776	49.206	50.294	51.261	0.6561	-1.7895	-1.3791	-1.0511	0.25496

Device Test: 96.33 DHL Dead Time Max 2MHz VIN_12V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



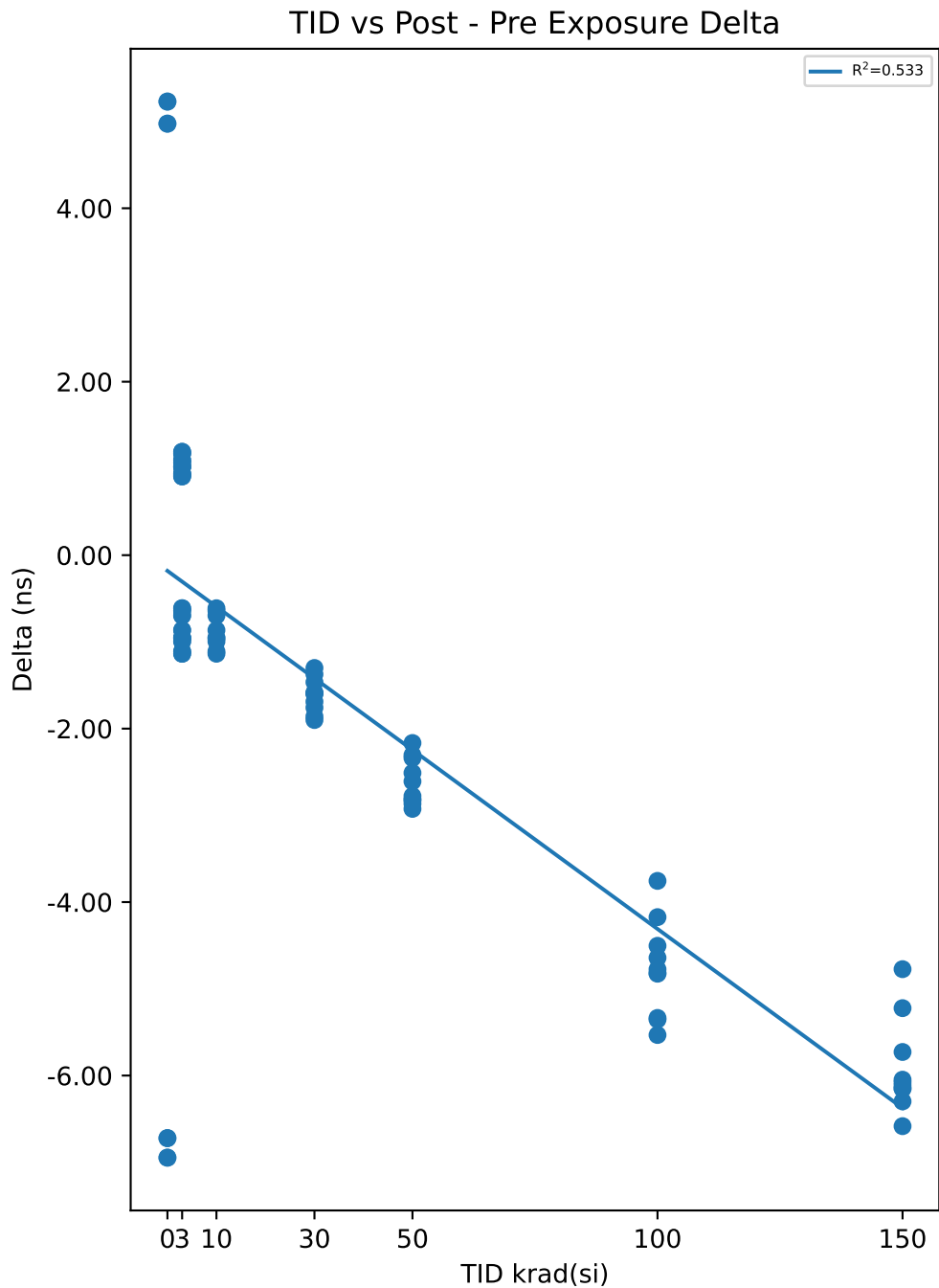
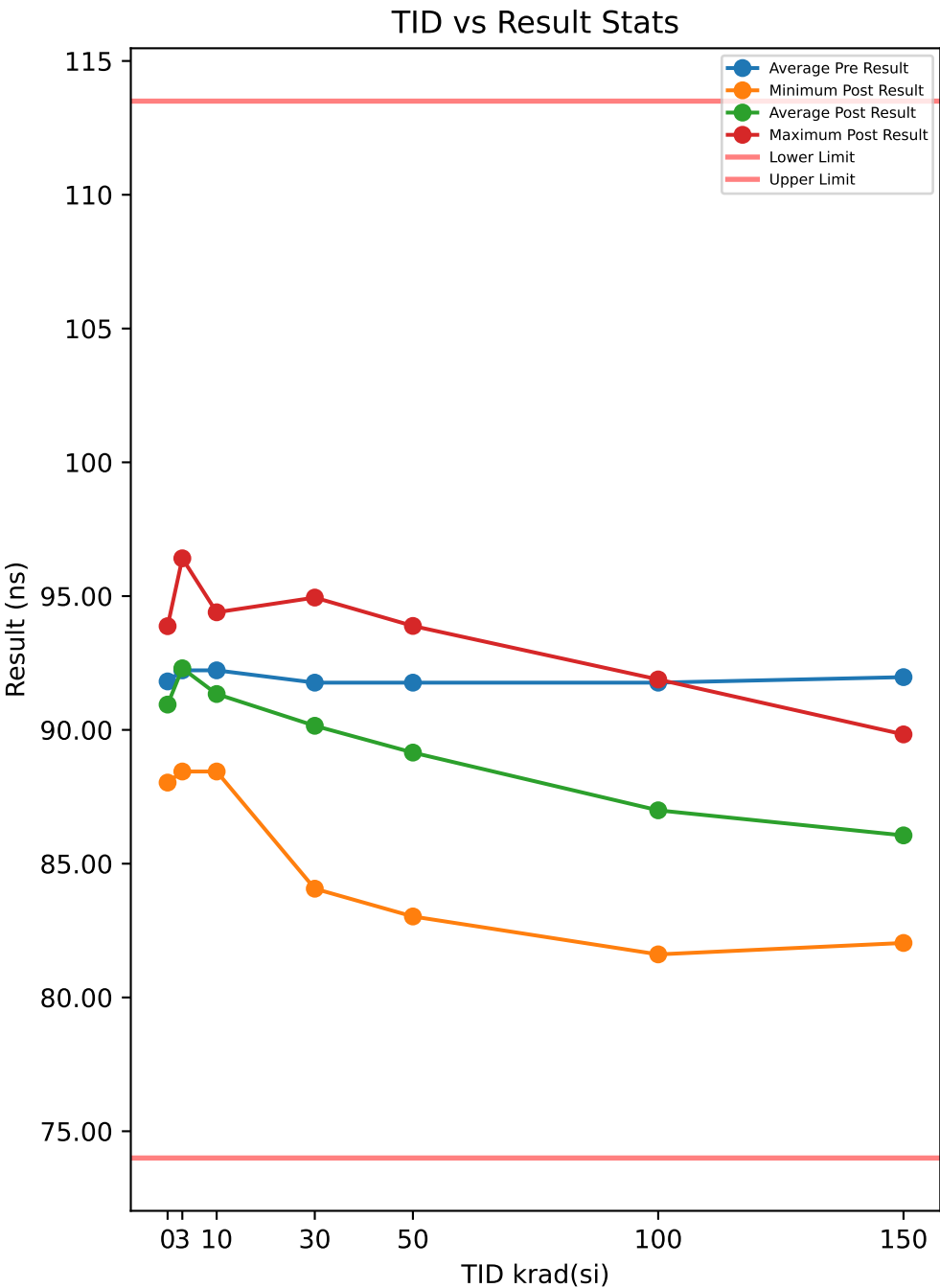
Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	104.6	99.979	-4.6167
2	0	CORRELATION	102.84	105.17	2.3294
259	3	LDR Biased	105.77	107.06	1.2934
426	3	LDR Biased	106.06	107.1	1.0358
427	3	LDR Biased	100.2	101.16	0.9598
428	3	LDR Biased	104.81	106.02	1.2073
429	3	LDR Unbiased	104.24	105.53	1.289
430	3	LDR Unbiased	102.59	103.47	0.8875
431	3	LDR Unbiased	99.794	100.95	1.1573
432	3	LDR Unbiased	105.7	106.89	1.1849
433	3	LDR Unbiased	104.81	105.79	0.9795
1259	10	LDR Biased	105.77	105.07	-0.6904
1426	10	LDR Biased	106.06	105.47	-0.5962
1427	10	LDR Biased	100.2	99.36	-0.8434
1428	10	LDR Biased	104.81	104.16	-0.6514
1429	10	LDR Unbiased	104.24	103.57	-0.6795
1430	10	LDR Unbiased	102.59	102.1	-0.4862
1431	10	LDR Unbiased	99.794	98.956	-0.8382
1432	10	LDR Unbiased	105.7	105.13	-0.5714
1433	10	LDR Unbiased	104.81	103.76	-1.0543
2434	30	LDR Biased	103.6	102.67	-0.9313
2435	30	LDR Biased	101.14	100.67	-0.4717
2436	30	LDR Biased	103.88	103.08	-0.7983
2437	30	LDR Biased	105.17	104.34	-0.8302
2438	30	LDR Biased	104.04	103.08	-0.9648
2439	30	LDR Unbiased	102.39	101.77	-0.6229
2440	30	LDR Unbiased	103.66	102.14	-1.5177
2441	30	LDR Unbiased	104.6	103.26	-1.3377
2443	30	LDR Unbiased	102.84	102.25	-0.5871
2444	30	LDR Unbiased	105.51	104.51	-0.9993
3434	50	LDR Biased	103.6	101.42	-2.176
3435	50	LDR Biased	101.14	99.646	-1.4924
3436	50	LDR Biased	103.88	102.74	-1.1327
3437	50	LDR Biased	105.17	103.77	-1.4002
3438	50	LDR Biased	104.04	102.15	-1.8902
3439	50	LDR Unbiased	102.39	100.88	-1.5106
3440	50	LDR Unbiased	103.66	101.61	-2.0541
3441	50	LDR Unbiased	104.6	102.6	-1.9905
3443	50	LDR Unbiased	102.84	101.07	-1.7738
3444	50	LDR Unbiased	105.51	103.22	-2.2927
4434	100	LDR Biased	103.6	99.724	-3.8727
4435	100	LDR Biased	101.14	98.634	-2.5044
4436	100	LDR Biased	103.88	100.59	-3.2867
4437	100	LDR Biased	105.17	102.76	-2.4128
4438	100	LDR Biased	104.04	100.02	-4.0237
4439	100	LDR Unbiased	102.39	99.006	-3.386
4440	100	LDR Unbiased	103.66	99.361	-4.2984
4441	100	LDR Unbiased	104.6	100.29	-4.3066
4443	100	LDR Unbiased	102.84	99.891	-2.9505
4444	100	LDR Unbiased	105.51	101.5	-4.0085
4500	150	LDR Biased	106.5	102.51	-3.9962
4501	150	LDR Biased	106.15	100.58	-5.574
4502	150	LDR Biased	104.56	99.377	-5.1835
4503	150	LDR Biased	106.91	101.62	-5.2942
4504	150	LDR Biased	103.91	99.44	-4.4728
4505	150	LDR Unbiased	104.98	101.01	-3.9731
4506	150	LDR Unbiased	103.79	99.208	-4.5842
4507	150	LDR Unbiased	103	97.533	-5.4677
4508	150	LDR Unbiased	103.64	98.911	-4.7307
4509	150	LDR Unbiased	104.33	99.821	-4.5115

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	102.84	103.72	104.6	1.2402	99.979	102.57	105.17	3.6714	-4.6167	-1.1436	2.3294	4.9116
3	99.794	103.78	106.06	2.3791	100.95	104.89	107.1	2.4358	0.8875	1.1105	1.2934	0.14899
10	99.794	103.78	106.06	2.3791	98.956	103.06	105.47	2.4375	-1.0543	-0.71233	-0.4862	0.1731
30	101.14	103.68	105.51	1.3085	100.67	102.78	104.51	1.1558	-1.5177	-0.9061	-0.4717	0.32679
50	101.14	103.68	105.51	1.3085	99.646	101.91	103.77	1.2309	-2.2927	-1.7713	-1.1327	0.37551
100	101.14	103.68	105.51	1.3085	98.634	100.18	102.76	1.2174	-4.3066	-3.505	-2.4128	0.70657
150	103	104.78	106.91	1.3278	97.533	100	102.51	1.4479	-5.574	-4.7788	-3.9731	0.57766

Device Test: 96.4 DLH Dead Time Max 500kHz VIN_12V



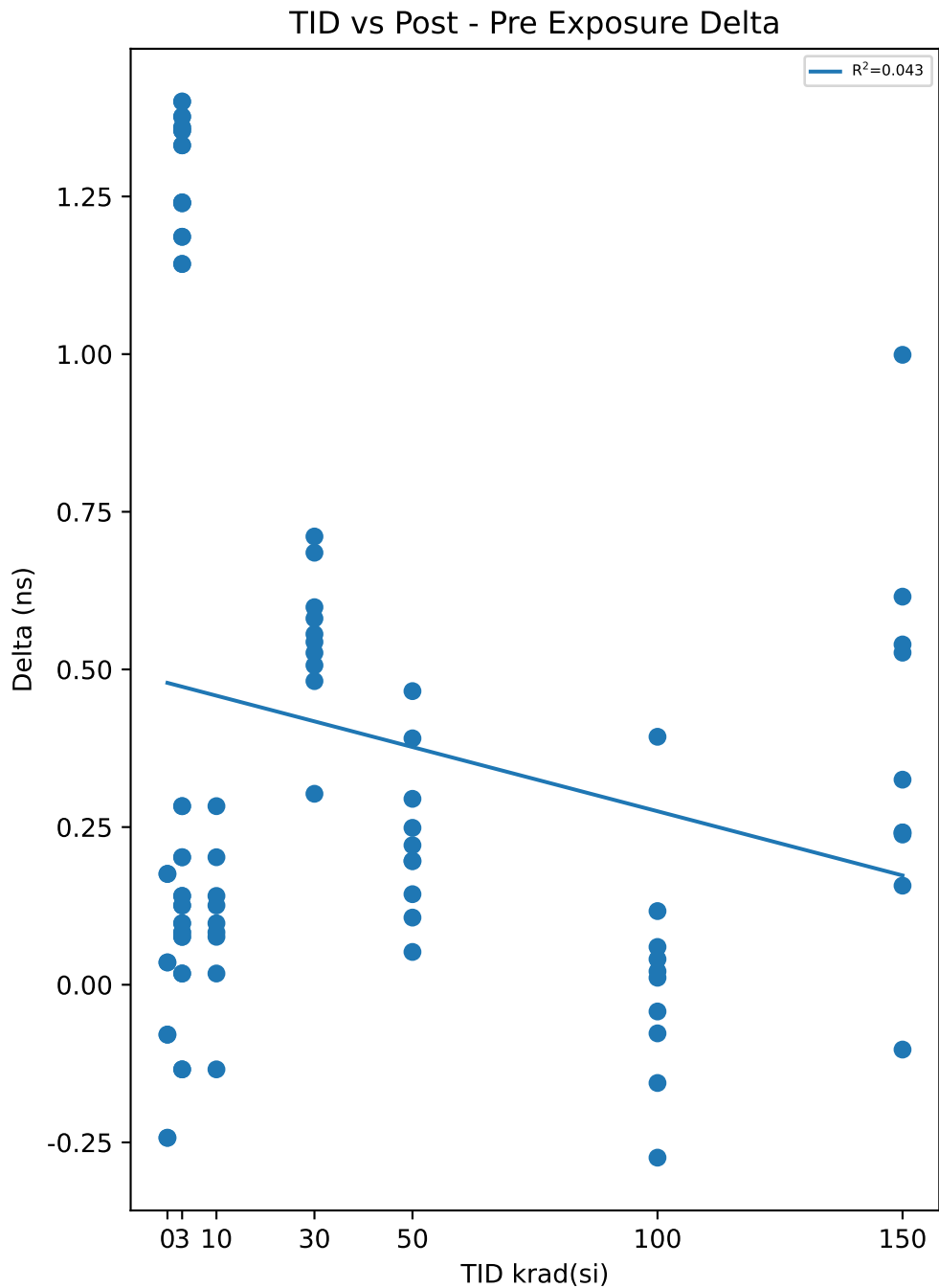
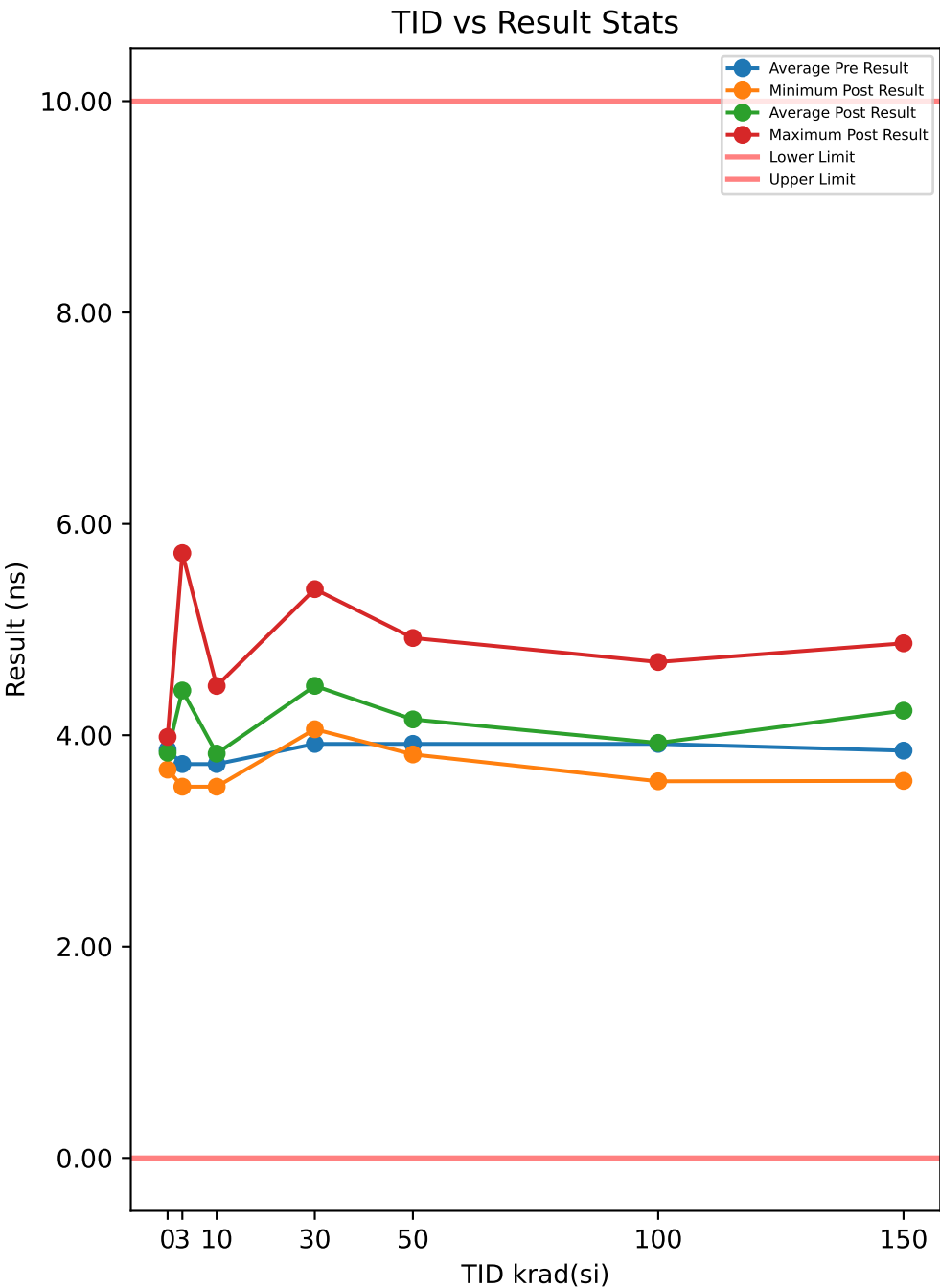
Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	94.977	88.031	-6.9467
2	0	CORRELATION	88.646	93.622	4.9756
259	3	LDR Biased	92.519	93.462	0.9425
426	3	LDR Biased	91.466	92.563	1.097
427	3	LDR Biased	92.675	93.845	1.1703
428	3	LDR Biased	90.242	91.311	1.0687
429	3	LDR Unbiased	89.44	90.455	1.015
430	3	LDR Unbiased	95.504	96.412	0.908
431	3	LDR Unbiased	94.136	95.328	1.1915
432	3	LDR Unbiased	90.198	91.222	1.0234
433	3	LDR Unbiased	93.846	94.77	0.9249
1259	10	LDR Biased	92.519	91.56	-0.9594
1426	10	LDR Biased	91.466	90.602	-0.8643
1427	10	LDR Biased	92.675	92.035	-0.6394
1428	10	LDR Biased	90.242	89.292	-0.95
1429	10	LDR Unbiased	89.44	88.445	-0.9949
1430	10	LDR Unbiased	95.504	94.395	-1.1096
1431	10	LDR Unbiased	94.136	93.44	-0.6963
1432	10	LDR Unbiased	90.198	89.587	-0.6118
1433	10	LDR Unbiased	93.846	92.709	-1.1364
2434	30	LDR Biased	87.677	86.304	-1.3731
2435	30	LDR Biased	95.467	94.002	-1.4646
2436	30	LDR Biased	85.365	84.064	-1.3007
2437	30	LDR Biased	93.097	91.408	-1.6889
2438	30	LDR Biased	92.461	90.859	-1.6024
2439	30	LDR Unbiased	94.536	92.951	-1.5853
2440	30	LDR Unbiased	96.703	94.945	-1.7581
2441	30	LDR Unbiased	94.977	93.117	-1.8598
2443	30	LDR Unbiased	88.646	86.746	-1.9005
2444	30	LDR Unbiased	88.724	87.136	-1.5878
3434	50	LDR Biased	87.677	85.373	-2.305
3435	50	LDR Biased	95.467	93.301	-2.1657
3436	50	LDR Biased	85.365	83.026	-2.3385
3437	50	LDR Biased	93.097	90.586	-2.5108
3438	50	LDR Biased	92.461	89.853	-2.608
3439	50	LDR Unbiased	94.536	91.611	-2.925
3440	50	LDR Unbiased	96.703	93.885	-2.8186
3441	50	LDR Unbiased	94.977	92.112	-2.8647
3443	50	LDR Unbiased	88.646	85.825	-2.8207
3444	50	LDR Unbiased	88.724	85.946	-2.7778
4434	100	LDR Biased	87.677	83.035	-4.642
4435	100	LDR Biased	95.467	90.962	-4.5042
4436	100	LDR Biased	85.365	81.609	-3.7556
4437	100	LDR Biased	93.097	88.923	-4.1736
4438	100	LDR Biased	92.461	86.929	-5.5322
4439	100	LDR Unbiased	94.536	89.182	-5.3541
4440	100	LDR Unbiased	96.703	91.885	-4.8186
4441	100	LDR Unbiased	94.977	89.641	-5.3358
4443	100	LDR Unbiased	88.646	83.871	-4.7746
4444	100	LDR Unbiased	88.724	83.898	-4.8257
4500	150	LDR Biased	86.809	82.036	-4.7734
4501	150	LDR Biased	94.936	88.638	-6.2979
4502	150	LDR Biased	94.24	88.512	-5.7282
4503	150	LDR Biased	95.156	88.573	-6.5835
4504	150	LDR Biased	88.278	83.055	-5.2229
4505	150	LDR Unbiased	90.812	84.764	-6.0477
4506	150	LDR Unbiased	90.428	84.276	-6.1521
4507	150	LDR Unbiased	89.052	82.937	-6.115
4508	150	LDR Unbiased	95.909	89.831	-6.0779
4509	150	LDR Unbiased	94.093	87.945	-6.1481

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	88.646	91.812	94.977	4.4768	88.031	90.826	93.622	3.9535	-6.9467	-0.98555	4.9756	8.4303
3	89.44	92.225	95.504	2.0523	90.455	93.263	96.412	2.0367	0.908	1.0379	1.1915	0.1031
10	89.44	92.225	95.504	2.0523	88.445	91.34	94.395	2.0107	-1.1364	-0.88468	-0.6118	0.19573
30	85.365	91.765	96.703	3.8728	84.064	90.153	94.945	3.7869	-1.9005	-1.6121	-1.3007	0.19692
50	85.365	91.765	96.703	3.8728	83.026	89.152	93.885	3.8024	-2.925	-2.6135	-2.1657	0.26957
100	85.365	91.765	96.703	3.8728	81.609	86.994	91.885	3.6391	-5.5322	-4.7716	-3.7556	0.54969
150	86.809	91.971	95.909	3.2764	82.036	86.057	89.831	2.917	-6.5835	-5.9147	-4.7734	0.53804

Device Test: 96.5 DLH Dead Time Min 1MHz VIN_12V



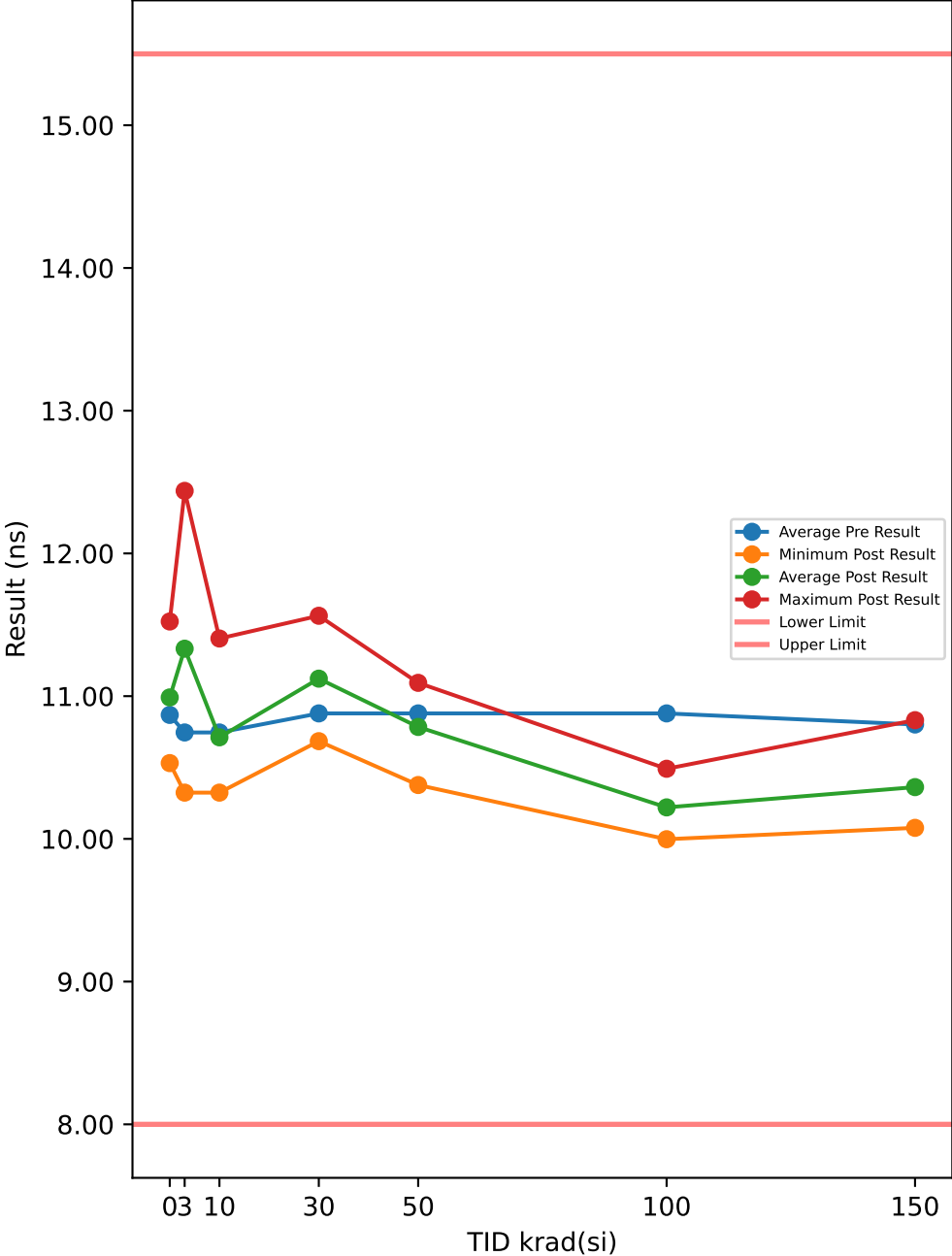
Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8081	3.729	-0.0791
2	0	CORRELATION	3.9174	3.6747	-0.2427
259	3	LDR Biased	3.4981	4.8747	1.3766
426	3	LDR Biased	3.7691	4.9121	1.143
427	3	LDR Biased	3.5209	4.9214	1.4005
428	3	LDR Biased	3.6393	4.8254	1.1861
429	3	LDR Unbiased	3.6045	4.9641	1.3596
430	3	LDR Unbiased	3.774	5.0133	1.2393
431	3	LDR Unbiased	3.9824	5.223	1.2406
432	3	LDR Unbiased	4.3686	5.7229	1.3543
433	3	LDR Unbiased	3.3872	4.7183	1.3311
1259	10	LDR Biased	3.4981	3.6389	0.1408
1426	10	LDR Biased	3.7691	3.6349	-0.1342
1427	10	LDR Biased	3.5209	3.7231	0.2022
1428	10	LDR Biased	3.6393	3.7224	0.0831
1429	10	LDR Unbiased	3.6045	3.6805	0.076
1430	10	LDR Unbiased	3.774	3.7918	0.0178
1431	10	LDR Unbiased	3.9824	4.2656	0.2832
1432	10	LDR Unbiased	4.3686	4.4661	0.0975
1433	10	LDR Unbiased	3.3872	3.5129	0.1257
2434	30	LDR Biased	4.1678	4.6941	0.5263
2435	30	LDR Biased	3.9151	4.4216	0.5065
2436	30	LDR Biased	4.6713	5.3821	0.7108
2437	30	LDR Biased	3.7821	4.2636	0.4815
2438	30	LDR Biased	4.0262	4.329	0.3028
2439	30	LDR Unbiased	3.5235	4.067	0.5435
2440	30	LDR Unbiased	3.3714	4.0565	0.6851
2441	30	LDR Unbiased	3.8081	4.3641	0.556
2443	30	LDR Unbiased	3.9174	4.4982	0.5808
2444	30	LDR Unbiased	3.9958	4.5945	0.5987
3434	50	LDR Biased	4.1678	4.3637	0.1959
3435	50	LDR Biased	3.9151	4.0216	0.1065
3436	50	LDR Biased	4.6713	4.9201	0.2488
3437	50	LDR Biased	3.7821	3.9257	0.1436
3438	50	LDR Biased	4.0262	4.0782	0.052
3439	50	LDR Unbiased	3.5235	3.8183	0.2948
3440	50	LDR Unbiased	3.3714	3.837	0.4656
3441	50	LDR Unbiased	3.8081	4.0293	0.2212
3443	50	LDR Unbiased	3.9174	4.1138	0.1964
3444	50	LDR Unbiased	3.9958	4.3865	0.3907
4434	100	LDR Biased	4.1678	4.1254	-0.0424
4435	100	LDR Biased	3.9151	3.7593	-0.1558
4436	100	LDR Biased	4.6713	4.6926	0.0213
4437	100	LDR Biased	3.7821	3.705	-0.0771
4438	100	LDR Biased	4.0262	3.752	-0.2742
4439	100	LDR Unbiased	3.5235	3.5641	0.0406
4440	100	LDR Unbiased	3.3714	3.7646	0.3932
4441	100	LDR Unbiased	3.8081	3.9249	0.1168
4443	100	LDR Unbiased	3.9174	3.9773	0.0599
4444	100	LDR Unbiased	3.9958	4.0069	0.0111
4500	150	LDR Biased	4.5445	4.8697	0.3252
4501	150	LDR Biased	3.4108	3.5679	0.1571
4502	150	LDR Biased	3.5218	3.76	0.2382
4503	150	LDR Biased	4.0514	3.9486	-0.1028
4504	150	LDR Biased	4.3301	4.5716	0.2415
4505	150	LDR Unbiased	4.3435	4.5849	0.2414
4506	150	LDR Unbiased	4.1424	4.669	0.5266
4507	150	LDR Unbiased	3.8367	4.3763	0.5396
4508	150	LDR Unbiased	2.9517	3.9506	0.9989
4509	150	LDR Unbiased	3.4072	4.0226	0.6154

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	3.8081	3.8628	3.9174	0.077287	3.6747	3.7019	3.729	0.038396	-0.2427	-0.1609	-0.0791	0.11568
3	3.3872	3.7271	4.3686	0.29873	4.7183	5.0195	5.7229	0.29787	1.143	1.2923	1.4005	0.092021
10	3.3872	3.7271	4.3686	0.29873	3.5129	3.8262	4.4661	0.31941	-0.1342	0.099122	0.2832	0.11662
30	3.3714	3.9179	4.6713	0.35474	4.0565	4.4671	5.3821	0.3812	0.3028	0.5492	0.7108	0.11341
50	3.3714	3.9179	4.6713	0.35474	3.8183	4.1494	4.9201	0.33174	0.052	0.23155	0.4656	0.12589
100	3.3714	3.9179	4.6713	0.35474	3.5641	3.9272	4.6926	0.31632	-0.2742	0.00934	0.3932	0.17651
150	2.9517	3.854	4.5445	0.5149	3.5679	4.2321	4.8697	0.43786	-0.1028	0.37811	0.9989	0.30362

Device Test: 96.6 DLH Dead Time Small 1MHz VIN_12V

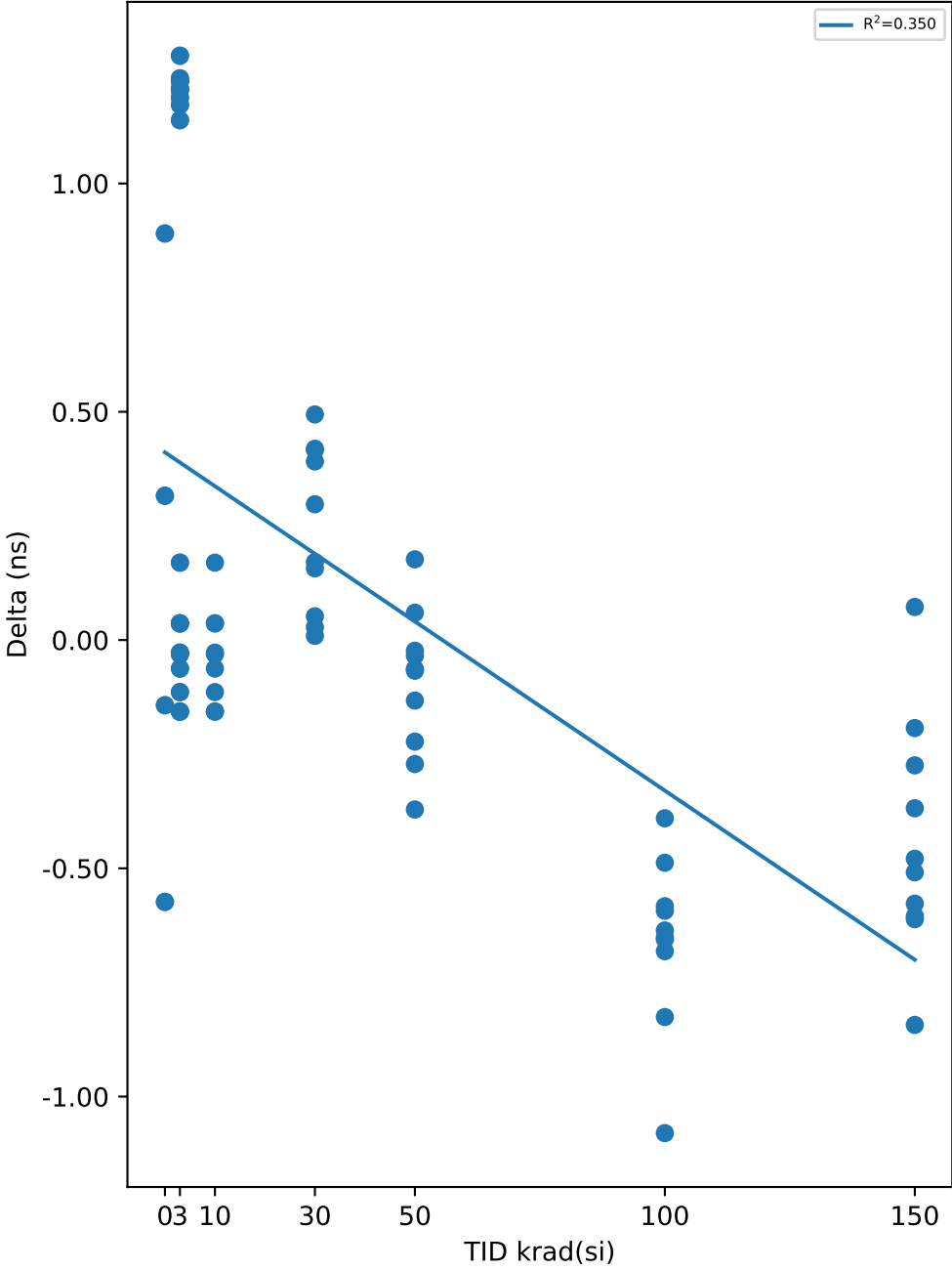
TID vs Result Stats



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.104	10.531	-0.5735
2	0	CORRELATION	10.633	10.948	0.316
259	3	LDR Biased	10.595	11.784	1.1882
426	3	LDR Biased	10.783	12.009	1.2253
427	3	LDR Biased	10.683	11.963	1.2798
428	3	LDR Biased	10.405	11.613	1.2078
429	3	LDR Unbiased	10.438	11.61	1.1723
430	3	LDR Unbiased	10.965	12.104	1.1387
431	3	LDR Unbiased	11.234	12.438	1.2039
432	3	LDR Unbiased	11.114	12.338	1.2242
433	3	LDR Unbiased	10.492	11.722	1.2303
1259	10	LDR Biased	10.595	10.632	0.0366
1426	10	LDR Biased	10.783	10.627	-0.1563
1427	10	LDR Biased	10.683	10.72	0.0365
1428	10	LDR Biased	10.405	10.374	-0.031
1429	10	LDR Unbiased	10.438	10.324	-0.114
1430	10	LDR Unbiased	10.965	10.808	-0.1569
1431	10	LDR Unbiased	11.234	11.404	0.1695
1432	10	LDR Unbiased	11.114	11.051	-0.0625
1433	10	LDR Unbiased	10.492	10.464	-0.0276
2434	30	LDR Biased	10.641	11.033	0.3912
2435	30	LDR Biased	11.226	11.254	0.0281
2436	30	LDR Biased	11.147	11.563	0.4165
2437	30	LDR Biased	10.846	11.017	0.1707
2438	30	LDR Biased	11.218	11.227	0.0092
2439	30	LDR Unbiased	10.649	10.946	0.2974
2440	30	LDR Unbiased	10.713	11.207	0.4941
2441	30	LDR Unbiased	11.104	11.261	0.157
2443	30	LDR Unbiased	10.633	10.684	0.052
2444	30	LDR Unbiased	10.614	11.033	0.4189
3434	50	LDR Biased	10.641	10.818	0.1768
3435	50	LDR Biased	11.226	11.093	-0.1326
3436	50	LDR Biased	11.147	11.079	-0.0672
3437	50	LDR Biased	10.846	10.812	-0.0342
3438	50	LDR Biased	11.218	10.847	-0.3712
3439	50	LDR Unbiased	10.649	10.377	-0.2716
3440	50	LDR Unbiased	10.713	10.69	-0.0234
3441	50	LDR Unbiased	11.104	10.882	-0.2224
3443	50	LDR Unbiased	10.633	10.569	-0.0633
3444	50	LDR Unbiased	10.614	10.674	0.0598
4434	100	LDR Biased	10.641	10.153	-0.4878
4435	100	LDR Biased	11.226	10.4	-0.8258
4436	100	LDR Biased	11.147	10.491	-0.6555
4437	100	LDR Biased	10.846	10.165	-0.6815
4438	100	LDR Biased	11.218	10.138	-1.08
4439	100	LDR Unbiased	10.649	9.9975	-0.6514
4440	100	LDR Unbiased	10.713	10.323	-0.3904
4441	100	LDR Unbiased	11.104	10.468	-0.6361
4443	100	LDR Unbiased	10.633	10.049	-0.5831
4444	100	LDR Unbiased	10.614	10.021	-0.5929
4500	150	LDR Biased	11.2	10.832	-0.3685
4501	150	LDR Biased	10.556	10.077	-0.4791
4502	150	LDR Biased	10.678	10.169	-0.5088
4503	150	LDR Biased	11.268	10.425	-0.843
4504	150	LDR Biased	10.901	10.323	-0.5774
4505	150	LDR Unbiased	11.197	10.592	-0.6049
4506	150	LDR Unbiased	10.899	10.287	-0.6115
4507	150	LDR Unbiased	10.57	10.377	-0.1928
4508	150	LDR Unbiased	10.202	10.275	0.0724
4509	150	LDR Unbiased	10.544	10.269	-0.2745

TID vs Post - Pre Exposure Delta

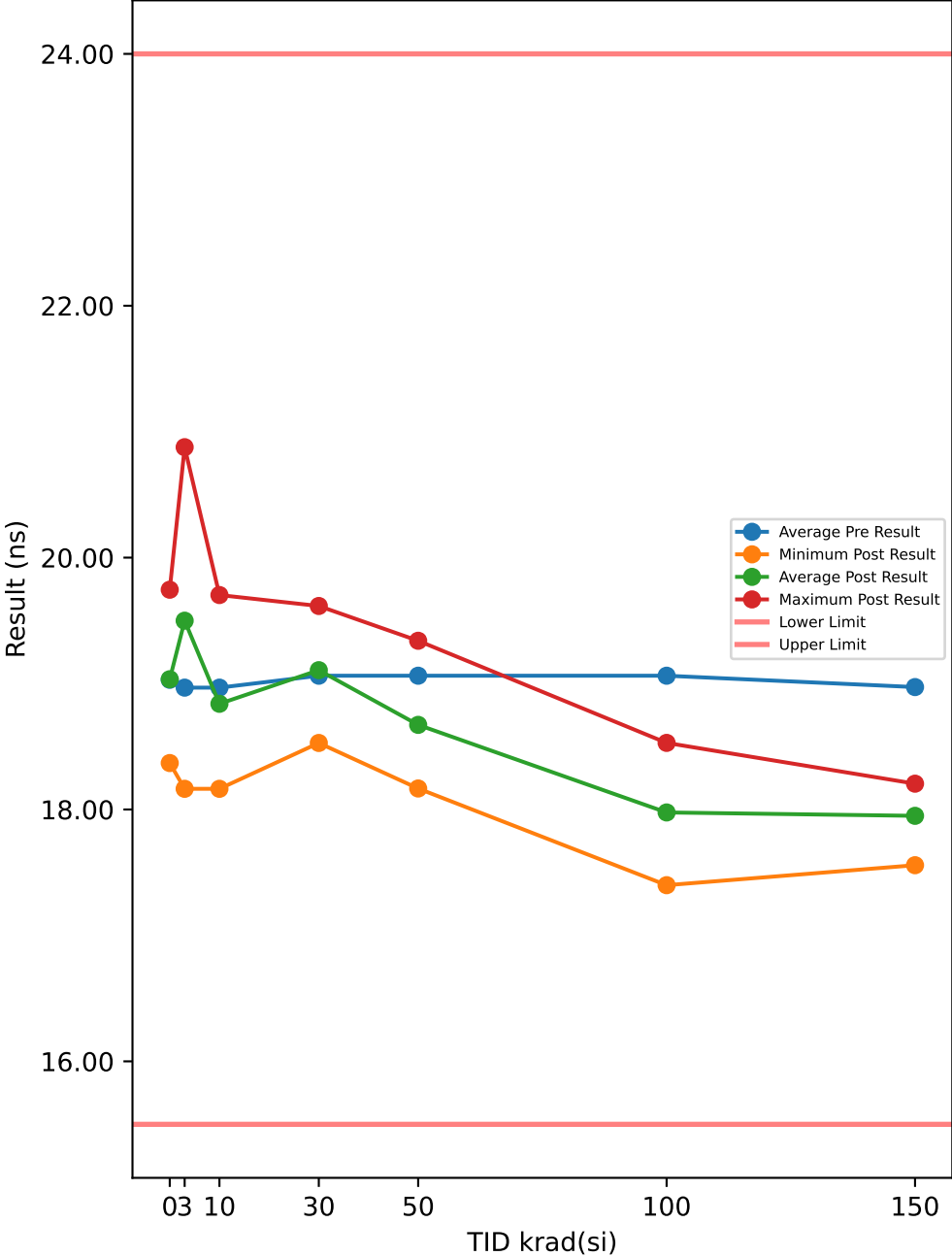


Test Statistics (ns)

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	10.633	10.868	11.104	0.33368	10.531	10.74	10.948	0.29529	-0.5735	-0.12875	0.316	0.62897
3	10.405	10.746	11.234	0.30117	11.61	11.953	12.438	0.30101	1.1387	1.2078	1.2798	0.039843
10	10.405	10.746	11.234	0.30117	10.324	10.712	11.404	0.34331	-0.1569	-0.033967	0.1695	0.10529
30	10.614	10.879	11.226	0.26383	10.684	11.123	11.563	0.23549	0.0092	0.24351	0.4941	0.18226
50	10.614	10.879	11.226	0.26383	10.377	10.784	11.093	0.21882	-0.3712	-0.09493	0.1768	0.16109
100	10.614	10.879	11.226	0.26383	9.9975	10.221	10.491	0.1858	-1.08	-0.65845	-0.3904	0.1879
150	10.202	10.801	11.268	0.35065	10.077	10.363	10.832	0.21587	-0.843	-0.43881	0.0724	0.25826

Device Test: 96.7 DLH Dead Time Mid 1MHz VIN_12V

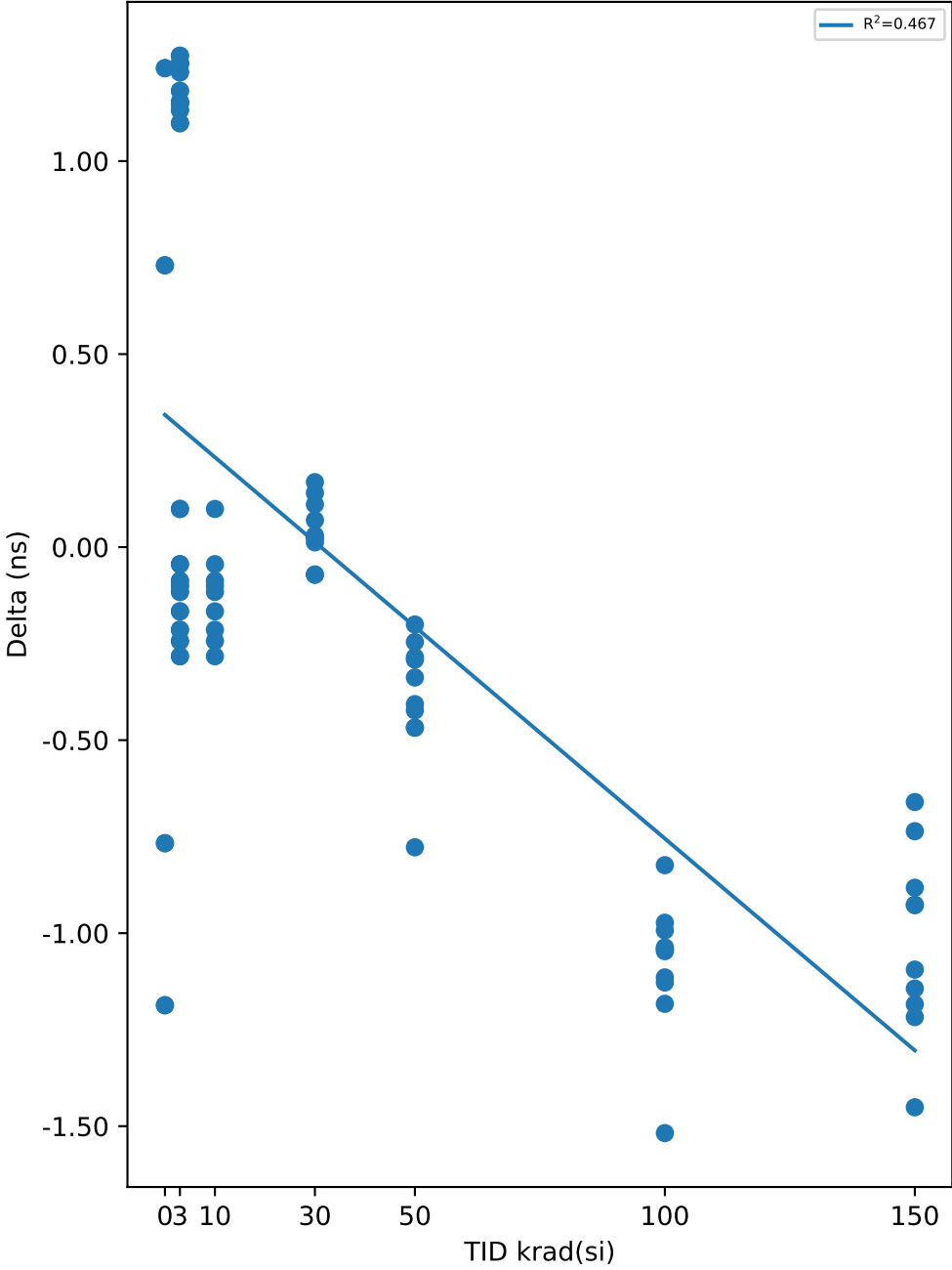
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.555	18.369	-1.1867
2	0	CORRELATION	18.504	19.234	0.73
259	3	LDR Biased	18.871	20.053	1.182
426	3	LDR Biased	19.088	20.342	1.2531
427	3	LDR Biased	19.064	20.294	1.2299
428	3	LDR Biased	18.494	19.626	1.132
429	3	LDR Unbiased	18.331	19.484	1.1536
430	3	LDR Unbiased	19.447	20.546	1.0983
431	3	LDR Unbiased	19.604	20.877	1.2729
432	3	LDR Unbiased	18.983	20.131	1.1484
433	3	LDR Unbiased	18.825	20.078	1.253
1259	10	LDR Biased	18.871	18.827	-0.0442
1426	10	LDR Biased	19.088	18.845	-0.2432
1427	10	LDR Biased	19.064	18.977	-0.0871
1428	10	LDR Biased	18.494	18.28	-0.2141
1429	10	LDR Unbiased	18.331	18.164	-0.1664
1430	10	LDR Unbiased	19.447	19.165	-0.2827
1431	10	LDR Unbiased	19.604	19.703	0.0989
1432	10	LDR Unbiased	18.983	18.883	-0.1004
1433	10	LDR Unbiased	18.825	18.709	-0.116
2434	30	LDR Biased	18.586	18.754	0.1683
2435	30	LDR Biased	19.585	19.616	0.0304
2436	30	LDR Biased	18.708	18.734	0.0259
2437	30	LDR Biased	19.178	19.108	-0.0708
2438	30	LDR Biased	19.498	19.511	0.0123
2439	30	LDR Unbiased	19.127	19.267	0.1404
2440	30	LDR Unbiased	19.353	19.463	0.1105
2441	30	LDR Unbiased	19.555	19.484	-0.0717
2443	30	LDR Unbiased	18.504	18.528	0.0238
2444	30	LDR Unbiased	18.527	18.596	0.0698
3434	50	LDR Biased	18.586	18.386	-0.2004
3435	50	LDR Biased	19.585	19.34	-0.2458
3436	50	LDR Biased	18.708	18.24	-0.4678
3437	50	LDR Biased	19.178	18.756	-0.4229
3438	50	LDR Biased	19.498	18.721	-0.7776
3439	50	LDR Unbiased	19.127	18.72	-0.4067
3440	50	LDR Unbiased	19.353	19.061	-0.2915
3441	50	LDR Unbiased	19.555	19.088	-0.4675
3443	50	LDR Unbiased	18.504	18.167	-0.3377
3444	50	LDR Unbiased	18.527	18.241	-0.2852
4434	100	LDR Biased	18.586	17.545	-1.0414
4435	100	LDR Biased	19.585	18.471	-1.1147
4436	100	LDR Biased	18.708	17.735	-0.973
4437	100	LDR Biased	19.178	18.142	-1.0368
4438	100	LDR Biased	19.498	17.98	-1.518
4439	100	LDR Unbiased	19.127	17.944	-1.1831
4440	100	LDR Unbiased	19.353	18.529	-0.8239
4441	100	LDR Unbiased	19.555	18.509	-1.0466
4443	100	LDR Unbiased	18.504	17.512	-0.9926
4444	100	LDR Unbiased	18.527	17.399	-1.1277
4500	150	LDR Biased	18.865	18.205	-0.6603
4501	150	LDR Biased	19.195	18.011	-1.1843
4502	150	LDR Biased	19.025	18.098	-0.9275
4503	150	LDR Biased	19.597	18.146	-1.4511
4504	150	LDR Biased	18.705	17.611	-1.0944
4505	150	LDR Unbiased	19.178	17.96	-1.2174
4506	150	LDR Unbiased	18.767	17.623	-1.1435
4507	150	LDR Unbiased	18.484	17.558	-0.9264
4508	150	LDR Unbiased	18.901	18.165	-0.7359
4509	150	LDR Unbiased	19.003	18.121	-0.8824

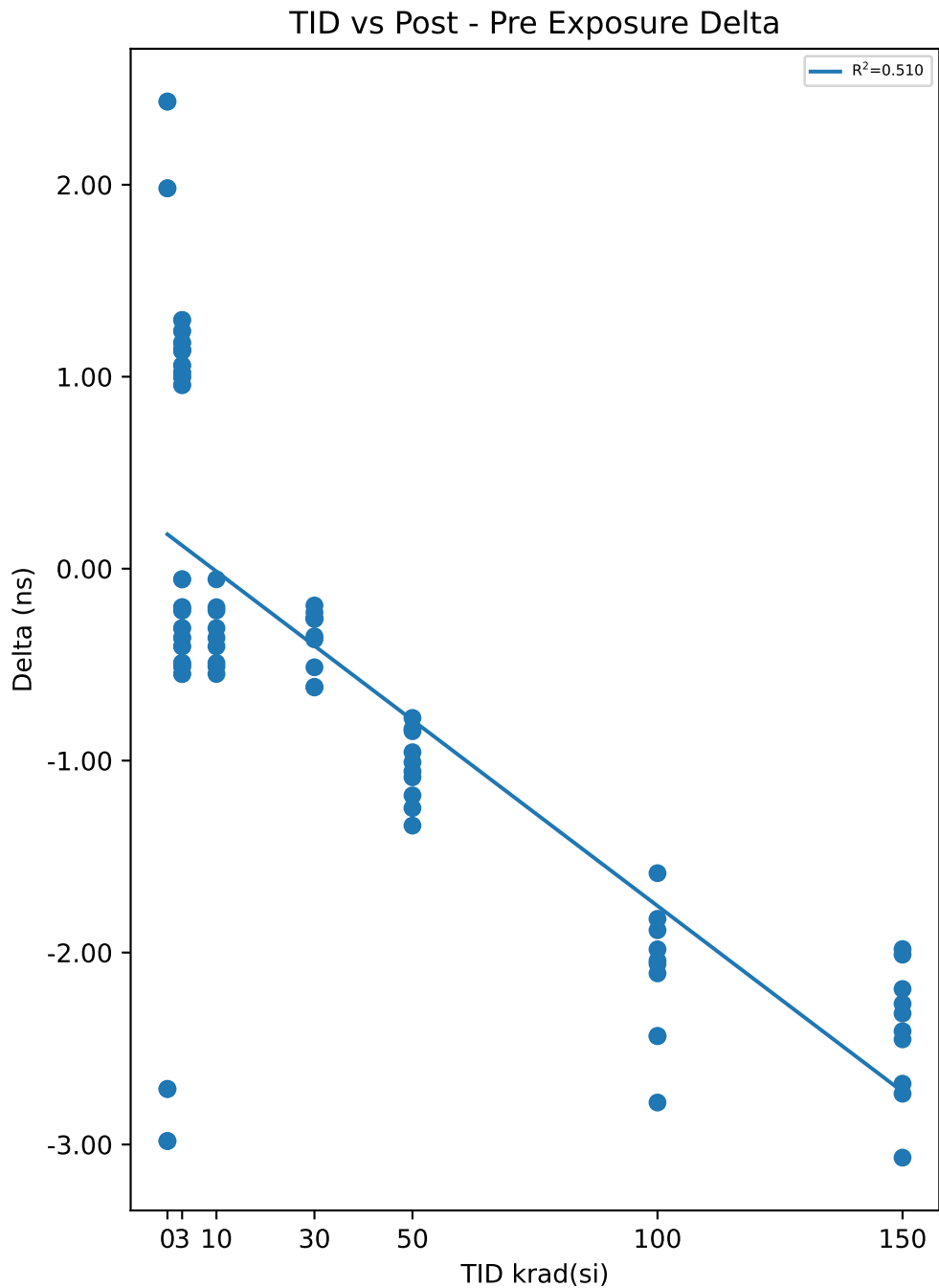
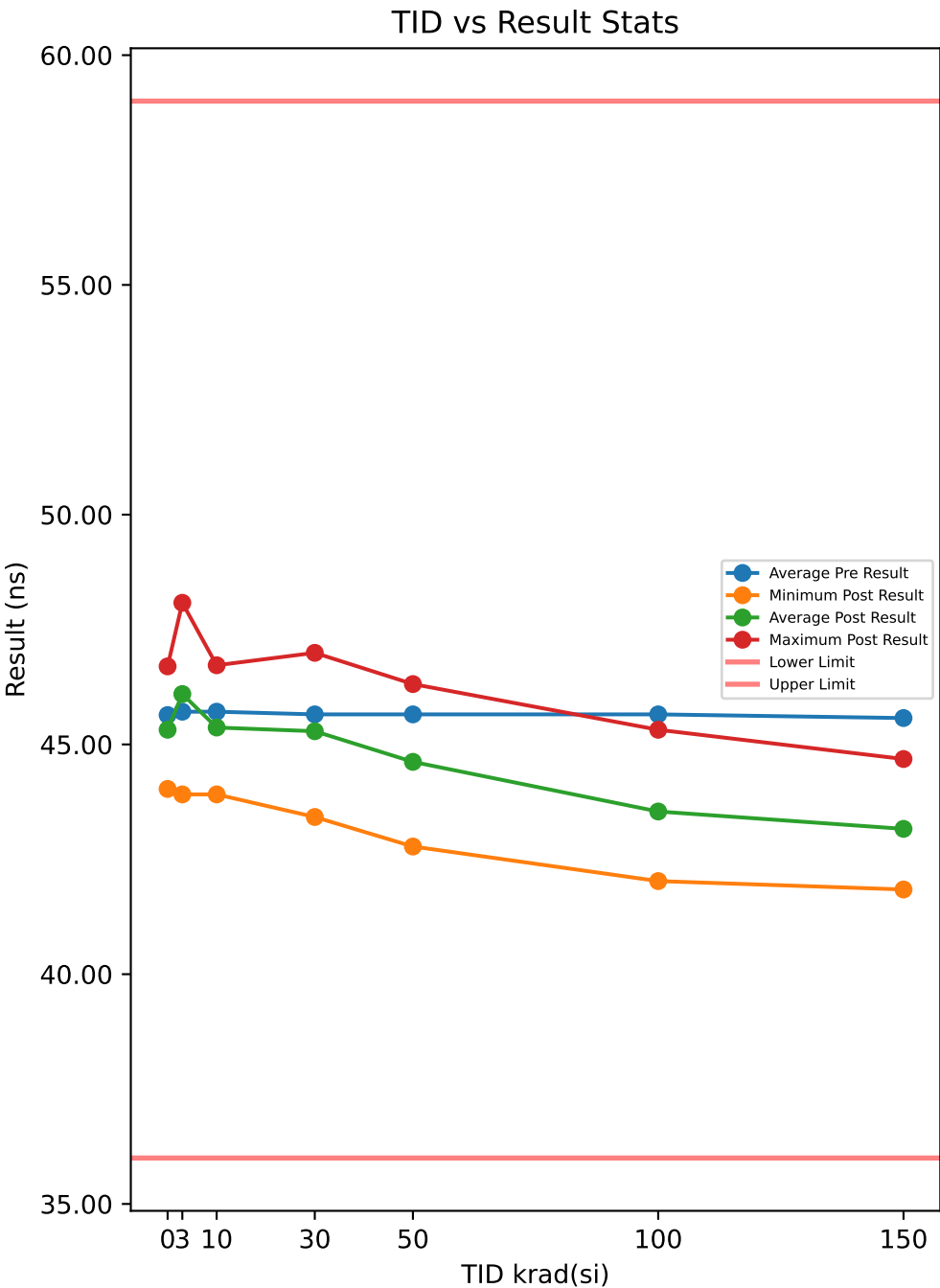
TID vs Post - Pre Exposure Delta



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	18.504	19.03	19.555	0.74324	18.369	18.802	19.234	0.61207	-1.1867	-0.22835	0.73	1.3553
3	18.331	18.968	19.604	0.40602	19.484	20.159	20.877	0.42928	1.0983	1.1915	1.2729	0.062538
10	18.331	18.968	19.604	0.40602	18.164	18.839	19.703	0.45527	-0.2827	-0.12836	0.0989	0.11574
30	18.504	19.062	19.585	0.44219	18.528	19.106	19.616	0.41845	-0.0717	0.04389	0.1683	0.0805
50	18.504	19.062	19.585	0.44219	18.167	18.672	19.34	0.40708	-0.7776	-0.39031	-0.2004	0.16459
100	18.504	19.062	19.585	0.44219	17.399	17.976	18.529	0.42891	-1.518	-1.0858	-0.8239	0.18097
150	18.484	18.972	19.597	0.30814	17.558	17.95	18.205	0.25394	-1.4511	-1.0223	-0.6603	0.24011

Device Test: 96.8 DLH Dead Time Large 1MHz VIN_12V



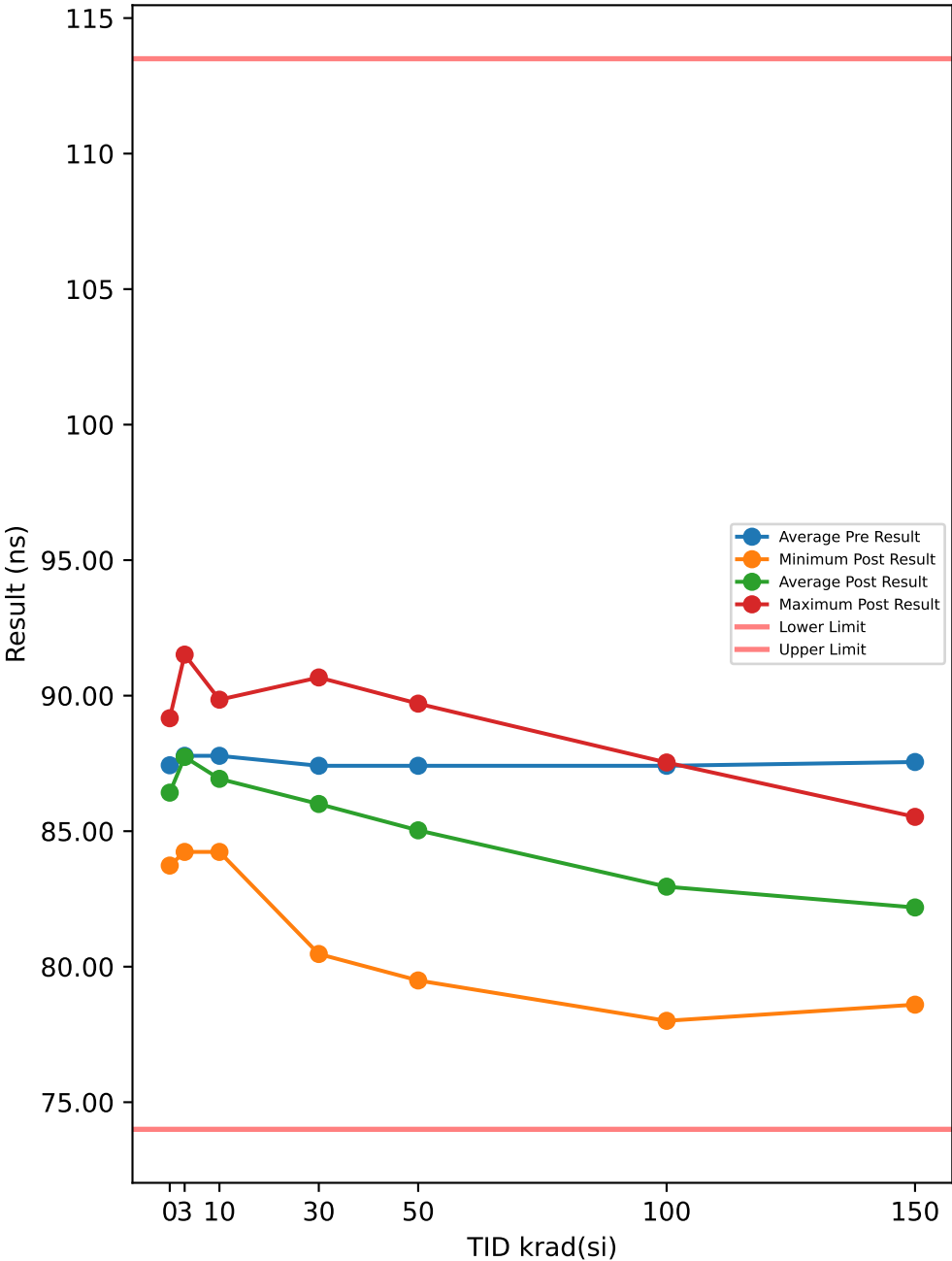
Test Results (Lower Limit = 36.0, Upper Limit = 59.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	47.013	44.031	-2.9818
2	0	CORRELATION	44.266	46.247	1.9816
259	3	LDR Biased	45.679	46.856	1.177
426	3	LDR Biased	45.677	46.915	1.2376
427	3	LDR Biased	45.901	47.196	1.2953
428	3	LDR Biased	44.684	45.706	1.0212
429	3	LDR Unbiased	44.318	45.376	1.0586
430	3	LDR Unbiased	47.075	48.072	0.9974
431	3	LDR Unbiased	46.941	48.082	1.1414
432	3	LDR Unbiased	44.901	46.035	1.1341
433	3	LDR Unbiased	46.235	47.192	0.9565
1259	10	LDR Biased	45.679	45.478	-0.2008
1426	10	LDR Biased	45.677	45.367	-0.3098
1427	10	LDR Biased	45.901	45.846	-0.0553
1428	10	LDR Biased	44.684	44.175	-0.5095
1429	10	LDR Unbiased	44.318	43.913	-0.405
1430	10	LDR Unbiased	47.075	46.583	-0.4915
1431	10	LDR Unbiased	46.941	46.723	-0.218
1432	10	LDR Unbiased	44.901	44.541	-0.3603
1433	10	LDR Unbiased	46.235	45.687	-0.5487
2434	30	LDR Biased	44.079	43.82	-0.2593
2435	30	LDR Biased	47.16	46.901	-0.2591
2436	30	LDR Biased	43.613	43.421	-0.1918
2437	30	LDR Biased	46.137	45.522	-0.6154
2438	30	LDR Biased	46.262	45.748	-0.5138
2439	30	LDR Unbiased	46.46	46.197	-0.2624
2440	30	LDR Unbiased	47.362	46.993	-0.3681
2441	30	LDR Unbiased	47.013	46.394	-0.6189
2443	30	LDR Unbiased	44.266	43.913	-0.3525
2444	30	LDR Unbiased	44.188	43.961	-0.2278
3434	50	LDR Biased	44.079	43.123	-0.9564
3435	50	LDR Biased	47.16	46.313	-0.8468
3436	50	LDR Biased	43.613	42.778	-0.8343
3437	50	LDR Biased	46.137	45.129	-1.0083
3438	50	LDR Biased	46.262	45.015	-1.2472
3439	50	LDR Unbiased	46.46	45.404	-1.0558
3440	50	LDR Unbiased	47.362	46.275	-1.0867
3441	50	LDR Unbiased	47.013	45.675	-1.3385
3443	50	LDR Unbiased	44.266	43.084	-1.1812
3444	50	LDR Unbiased	44.188	43.411	-0.7776
4434	100	LDR Biased	44.079	42.255	-1.8243
4435	100	LDR Biased	47.16	45.052	-2.1083
4436	100	LDR Biased	43.613	42.026	-1.5865
4437	100	LDR Biased	46.137	44.079	-2.0585
4438	100	LDR Biased	46.262	43.481	-2.7812
4439	100	LDR Unbiased	46.46	44.025	-2.4344
4440	100	LDR Unbiased	47.362	45.319	-2.0425
4441	100	LDR Unbiased	47.013	44.578	-2.4353
4443	100	LDR Unbiased	44.266	42.382	-1.8834
4444	100	LDR Unbiased	44.188	42.205	-1.9832
4500	150	LDR Biased	43.881	41.899	-1.9819
4501	150	LDR Biased	46.821	44.086	-2.7354
4502	150	LDR Biased	46.272	43.863	-2.4095
4503	150	LDR Biased	46.981	43.913	-3.0684
4504	150	LDR Biased	44.12	42.109	-2.0109
4505	150	LDR Unbiased	45.345	43.028	-2.3173
4506	150	LDR Unbiased	44.794	42.527	-2.2668
4507	150	LDR Unbiased	44.295	41.843	-2.4521
4508	150	LDR Unbiased	46.872	44.683	-2.1898
4509	150	LDR Unbiased	46.359	43.675	-2.6831

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	44.266	45.639	47.013	1.9428	44.031	45.139	46.247	1.5669	-2.9818	-0.5001	1.9816	3.5097
3	44.318	45.712	47.075	0.95768	45.376	46.826	48.082	0.96136	0.9565	1.1132	1.2953	0.11366
10	44.318	45.712	47.075	0.95768	43.913	45.368	46.723	0.99251	-0.5487	-0.34432	-0.0553	0.16429
30	43.613	45.654	47.362	1.4533	43.421	45.287	46.993	1.3793	-0.6189	-0.36691	-0.1918	0.16027
50	43.613	45.654	47.362	1.4533	42.778	44.621	46.313	1.3825	-1.3385	-1.0333	-0.7776	0.18572
100	43.613	45.654	47.362	1.4533	42.026	43.54	45.319	1.2527	-2.7812	-2.1138	-1.5865	0.34829
150	43.881	45.574	46.981	1.2293	41.843	43.163	44.683	1.0191	-3.0684	-2.4115	-1.9819	0.33926

Device Test: 96.9 DLH Dead Time Max 1MHz VIN_12V

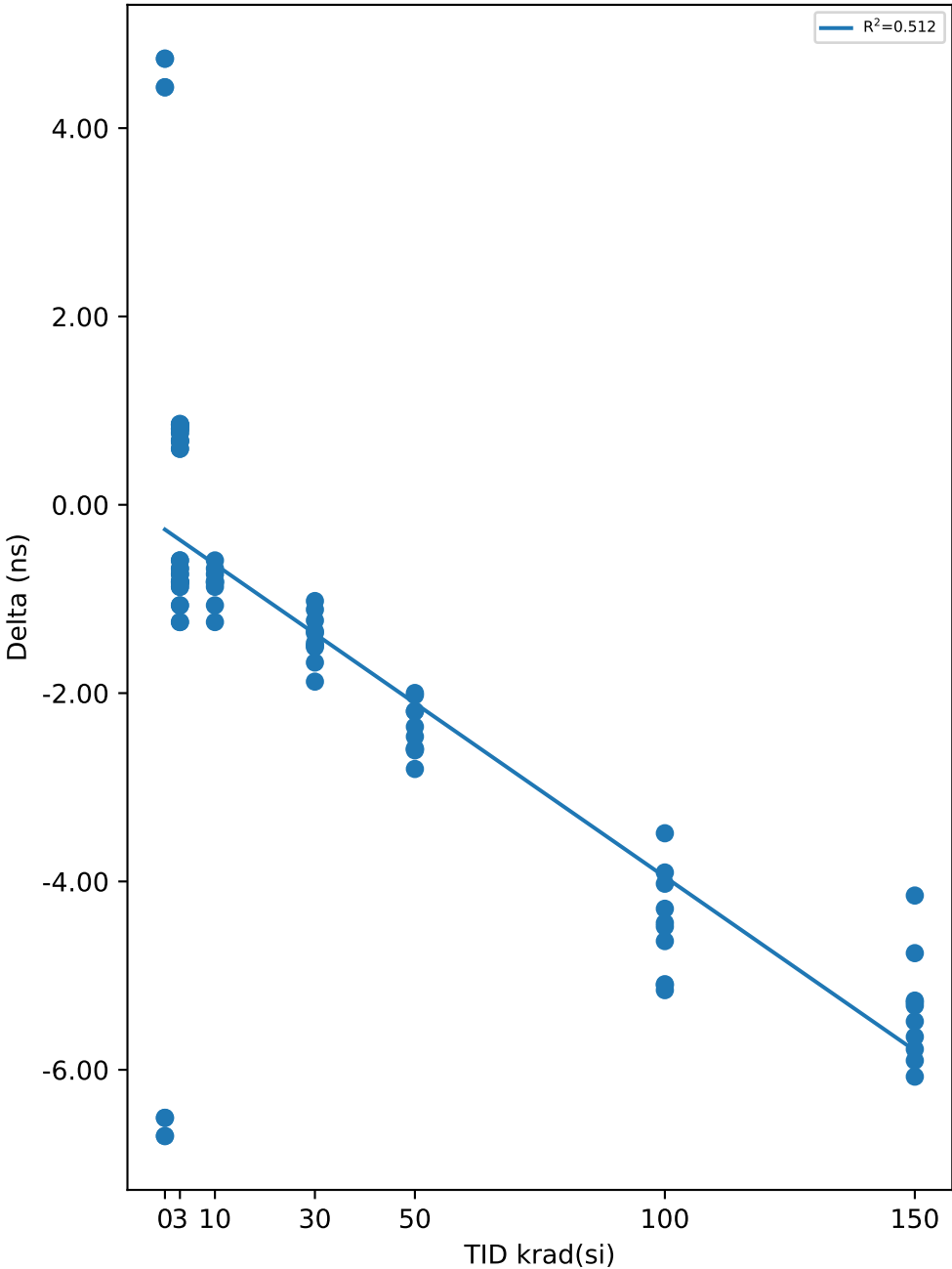
TID vs Result Stats



Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))

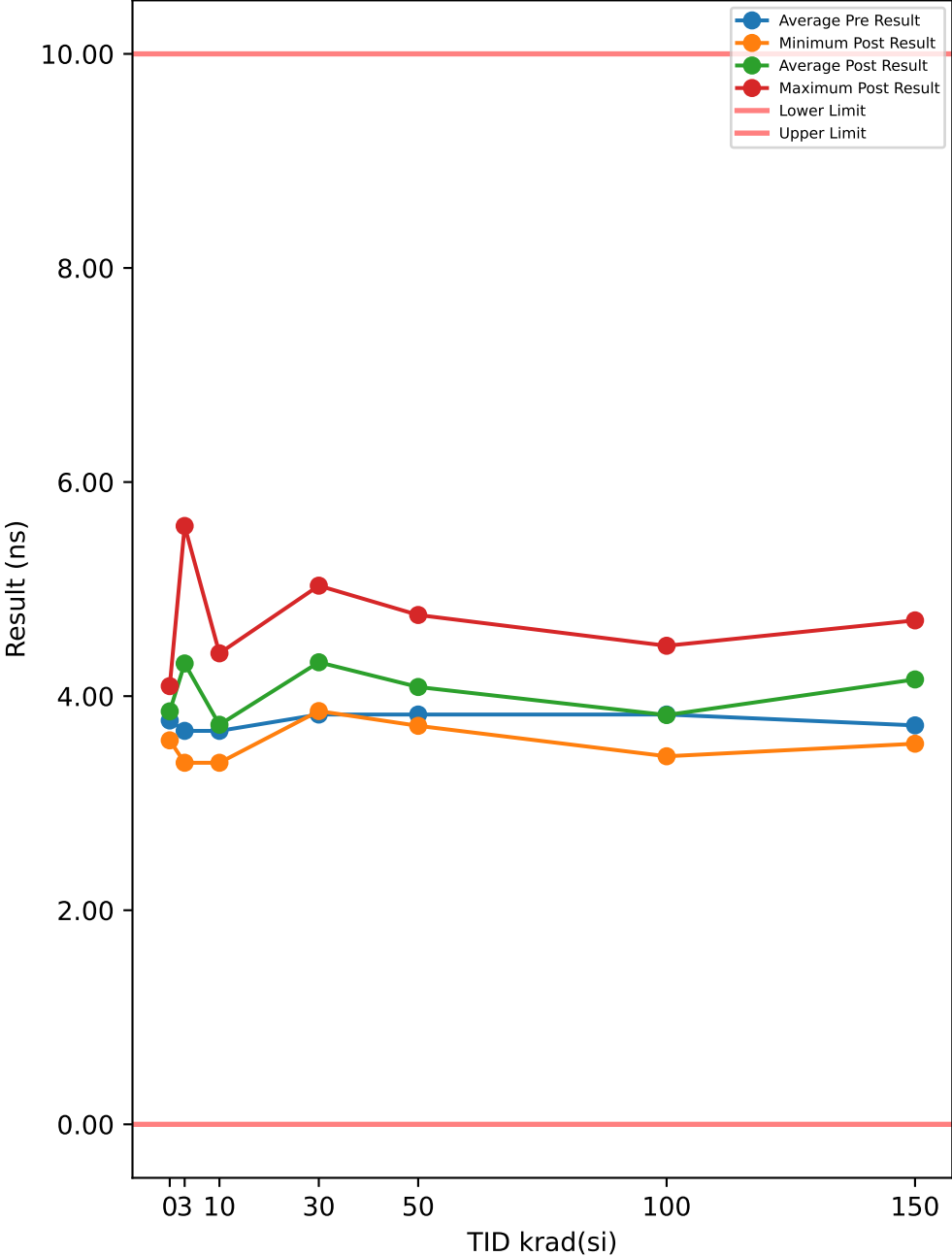
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	90.434	83.731	-6.7034
2	0	CORRELATION	84.43	88.863	4.4338
259	3	LDR Biased	87.915	88.599	0.6846
426	3	LDR Biased	87.157	87.961	0.8043
427	3	LDR Biased	88.28	89.13	0.8508
428	3	LDR Biased	85.814	86.623	0.8084
429	3	LDR Unbiased	85.106	85.964	0.8577
430	3	LDR Unbiased	90.919	91.514	0.5951
431	3	LDR Unbiased	89.704	90.468	0.764
432	3	LDR Unbiased	85.827	86.674	0.8464
433	3	LDR Unbiased	89.306	89.978	0.6719
1259	10	LDR Biased	87.915	87.102	-0.8131
1426	10	LDR Biased	87.157	86.327	-0.8297
1427	10	LDR Biased	88.28	87.603	-0.6771
1428	10	LDR Biased	85.814	84.997	-0.8169
1429	10	LDR Unbiased	85.106	84.235	-0.8711
1430	10	LDR Unbiased	90.919	89.852	-1.0679
1431	10	LDR Unbiased	89.704	88.968	-0.7363
1432	10	LDR Unbiased	85.827	85.237	-0.5907
1433	10	LDR Unbiased	89.306	88.061	-1.2454
2434	30	LDR Biased	83.542	82.43	-1.1128
2435	30	LDR Biased	91.041	89.812	-1.2286
2436	30	LDR Biased	81.491	80.469	-1.0221
2437	30	LDR Biased	88.575	86.9	-1.6748
2438	30	LDR Biased	87.945	86.585	-1.3603
2439	30	LDR Unbiased	89.979	88.511	-1.4679
2440	30	LDR Unbiased	92.167	90.671	-1.4961
2441	30	LDR Unbiased	90.434	88.556	-1.8777
2443	30	LDR Unbiased	84.43	82.918	-1.5115
2444	30	LDR Unbiased	84.524	83.181	-1.3433
3434	50	LDR Biased	83.542	81.52	-2.0218
3435	50	LDR Biased	91.041	88.847	-2.1943
3436	50	LDR Biased	81.491	79.492	-1.9986
3437	50	LDR Biased	88.575	86.217	-2.3571
3438	50	LDR Biased	87.945	85.754	-2.1911
3439	50	LDR Unbiased	89.979	87.372	-2.6073
3440	50	LDR Unbiased	92.167	89.706	-2.4618
3441	50	LDR Unbiased	90.434	87.629	-2.8054
3443	50	LDR Unbiased	84.43	81.836	-2.5939
3444	50	LDR Unbiased	84.524	81.936	-2.5878
4434	100	LDR Biased	83.542	79.518	-4.024
4435	100	LDR Biased	91.041	86.562	-4.4792
4436	100	LDR Biased	81.491	78.003	-3.4881
4437	100	LDR Biased	88.575	84.67	-3.9046
4438	100	LDR Biased	87.945	82.854	-5.0911
4439	100	LDR Unbiased	89.979	84.879	-5.1002
4440	100	LDR Unbiased	92.167	87.534	-4.6332
4441	100	LDR Unbiased	90.434	85.28	-5.1541
4443	100	LDR Unbiased	84.43	80.14	-4.2899
4444	100	LDR Unbiased	84.524	80.084	-4.4403
4500	150	LDR Biased	82.748	78.599	-4.1495
4501	150	LDR Biased	90.427	84.525	-5.9019
4502	150	LDR Biased	89.653	84.388	-5.2652
4503	150	LDR Biased	90.55	84.477	-6.0727
4504	150	LDR Biased	84.086	79.324	-4.7613
4505	150	LDR Unbiased	86.353	81.068	-5.285
4506	150	LDR Unbiased	85.998	80.512	-5.4859
4507	150	LDR Unbiased	84.863	79.544	-5.3186
4508	150	LDR Unbiased	91.309	85.528	-5.7815
4509	150	LDR Unbiased	89.532	83.882	-5.6499

TID vs Post - Pre Exposure Delta

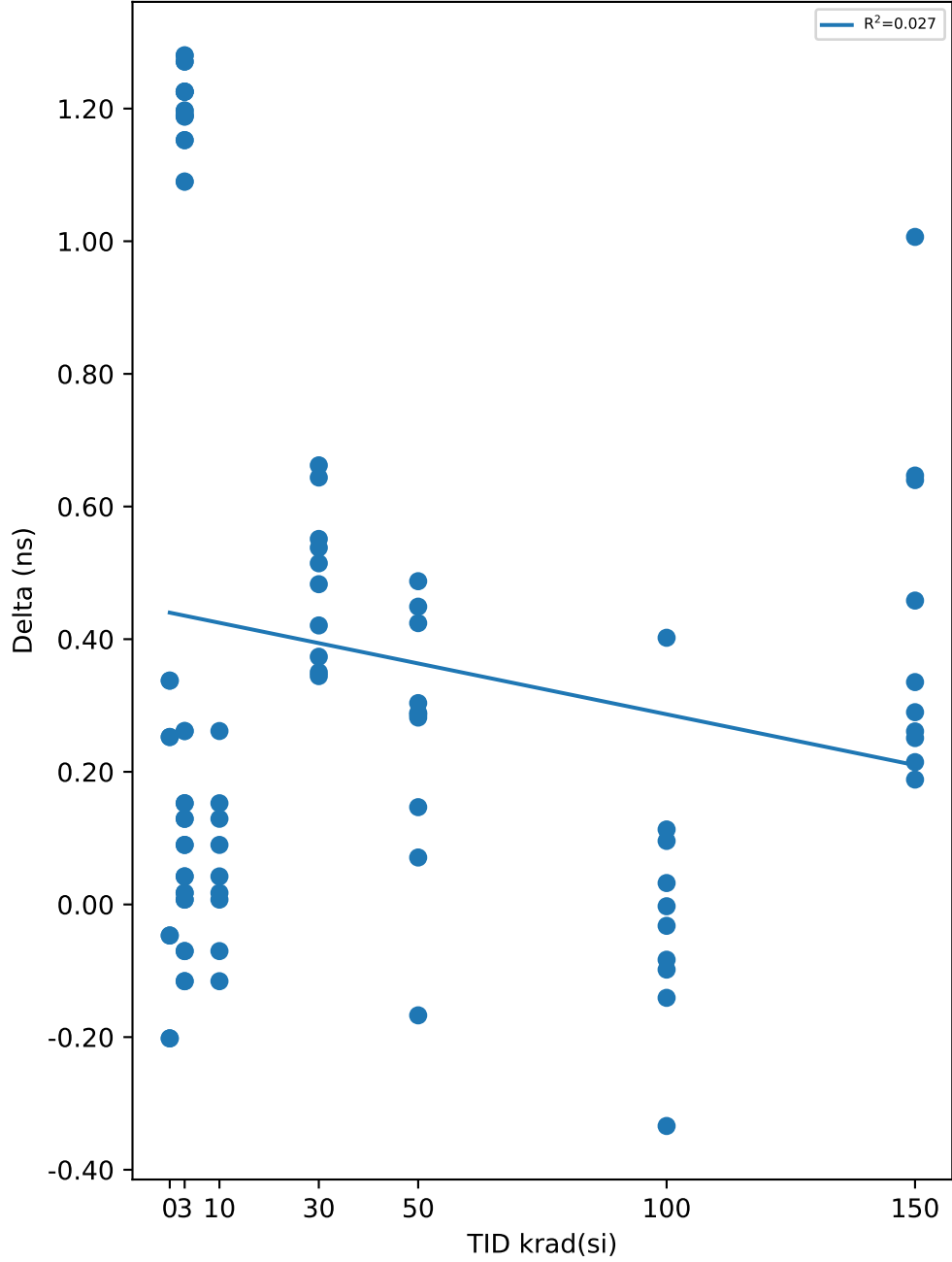


Device Test: 97.0 DLH Dead Time Min 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

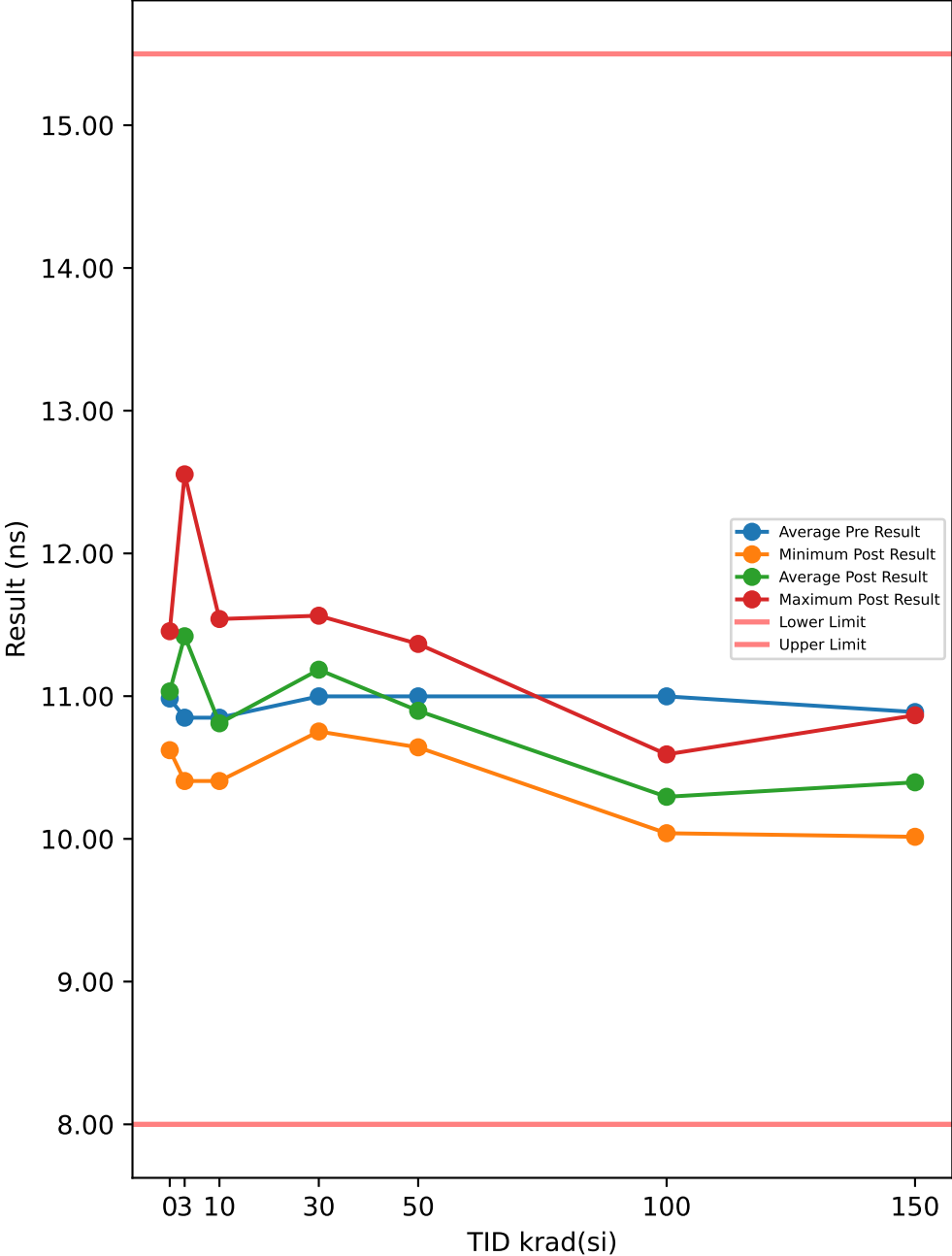
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.7561	3.7093	-0.0468
2	0	CORRELATION	3.7889	3.587	-0.2019
259	3	LDR Biased	3.4437	4.634	1.1903
426	3	LDR Biased	3.5721	4.8523	1.2802
427	3	LDR Biased	3.4825	4.7534	1.2709
428	3	LDR Biased	3.62	4.7099	1.0899
429	3	LDR Unbiased	3.6816	4.834	1.1524
430	3	LDR Unbiased	3.626	4.8515	1.2255
431	3	LDR Unbiased	3.9012	5.1266	1.2254
432	3	LDR Unbiased	4.3927	5.5897	1.197
433	3	LDR Unbiased	3.3601	4.5481	1.188
1259	10	LDR Biased	3.4437	3.5729	0.1292
1426	10	LDR Biased	3.5721	3.6144	0.0423
1427	10	LDR Biased	3.4825	3.6351	0.1526
1428	10	LDR Biased	3.62	3.5497	-0.0703
1429	10	LDR Unbiased	3.6816	3.5659	-0.1157
1430	10	LDR Unbiased	3.626	3.7158	0.0898
1431	10	LDR Unbiased	3.9012	4.1627	0.2615
1432	10	LDR Unbiased	4.3927	4.4	0.0073
1433	10	LDR Unbiased	3.3601	3.3776	0.0175
2434	30	LDR Biased	3.9785	4.6222	0.6437
2435	30	LDR Biased	3.7893	4.3272	0.5379
2436	30	LDR Biased	4.6114	5.0321	0.4207
2437	30	LDR Biased	3.7159	4.1988	0.4829
2438	30	LDR Biased	3.9756	4.3491	0.3735
2439	30	LDR Unbiased	3.4409	4.103	0.6621
2440	30	LDR Unbiased	3.3462	3.8606	0.5144
2441	30	LDR Unbiased	3.7561	4.1062	0.3501
2443	30	LDR Unbiased	3.7889	4.1332	0.3443
2444	30	LDR Unbiased	3.8802	4.4313	0.5511
3434	50	LDR Biased	3.9785	4.4659	0.4874
3435	50	LDR Biased	3.7893	4.0929	0.3036
3436	50	LDR Biased	4.6114	4.7581	0.1467
3437	50	LDR Biased	3.7159	3.7867	0.0708
3438	50	LDR Biased	3.9756	3.8084	-0.1672
3439	50	LDR Unbiased	3.4409	3.7227	0.2818
3440	50	LDR Unbiased	3.3462	3.7952	0.449
3441	50	LDR Unbiased	3.7561	4.045	0.2889
3443	50	LDR Unbiased	3.7889	4.0753	0.2864
3444	50	LDR Unbiased	3.8802	4.3044	0.4242
4434	100	LDR Biased	3.9785	4.0108	0.0323
4435	100	LDR Biased	3.7893	3.706	-0.0833
4436	100	LDR Biased	4.6114	4.4706	-0.1408
4437	100	LDR Biased	3.7159	3.6177	-0.0982
4438	100	LDR Biased	3.9756	3.6416	-0.334
4439	100	LDR Unbiased	3.4409	3.4382	-0.0027
4440	100	LDR Unbiased	3.3462	3.7483	0.4021
4441	100	LDR Unbiased	3.7561	3.8692	0.1131
4443	100	LDR Unbiased	3.7889	3.8847	0.0958
4444	100	LDR Unbiased	3.8802	3.848	-0.0322
4500	150	LDR Biased	4.4568	4.7077	0.2509
4501	150	LDR Biased	3.2204	3.5557	0.3353
4502	150	LDR Biased	3.4913	3.6796	0.1883
4503	150	LDR Biased	3.8355	4.0501	0.2146
4504	150	LDR Biased	4.1633	4.4532	0.2899
4505	150	LDR Unbiased	4.2648	4.5258	0.261
4506	150	LDR Unbiased	3.978	4.6247	0.6467
4507	150	LDR Unbiased	3.7305	4.1887	0.4582
4508	150	LDR Unbiased	2.8205	3.827	1.0065
4509	150	LDR Unbiased	3.3081	3.948	0.6399

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	3.7561	3.7725	3.7889	0.023193	3.587	3.6482	3.7093	0.086479	-0.2019	-0.12435	-0.0468	0.10967
3	3.3601	3.6755	4.3927	0.31065	4.5481	4.8777	5.5897	0.313	1.0899	1.2022	1.2802	0.058466
10	3.3601	3.6755	4.3927	0.31065	3.3776	3.7327	4.4	0.32919	-0.1157	0.057133	0.2615	0.11593
30	3.3462	3.8283	4.6114	0.34377	3.8606	4.3164	5.0321	0.32745	0.3443	0.48807	0.6621	0.11501
50	3.3462	3.8283	4.6114	0.34377	3.7227	4.0855	4.7581	0.3381	-0.1672	0.25716	0.4874	0.19702
100	3.3462	3.8283	4.6114	0.34377	3.4382	3.8235	4.4706	0.27961	-0.334	-0.00479	0.4021	0.19249
150	2.8205	3.7269	4.4568	0.51601	3.5557	4.156	4.7077	0.40828	0.1883	0.42913	1.0065	0.26209

Device Test: 97.1 DLH Dead Time Small 500kHz VIN_14V

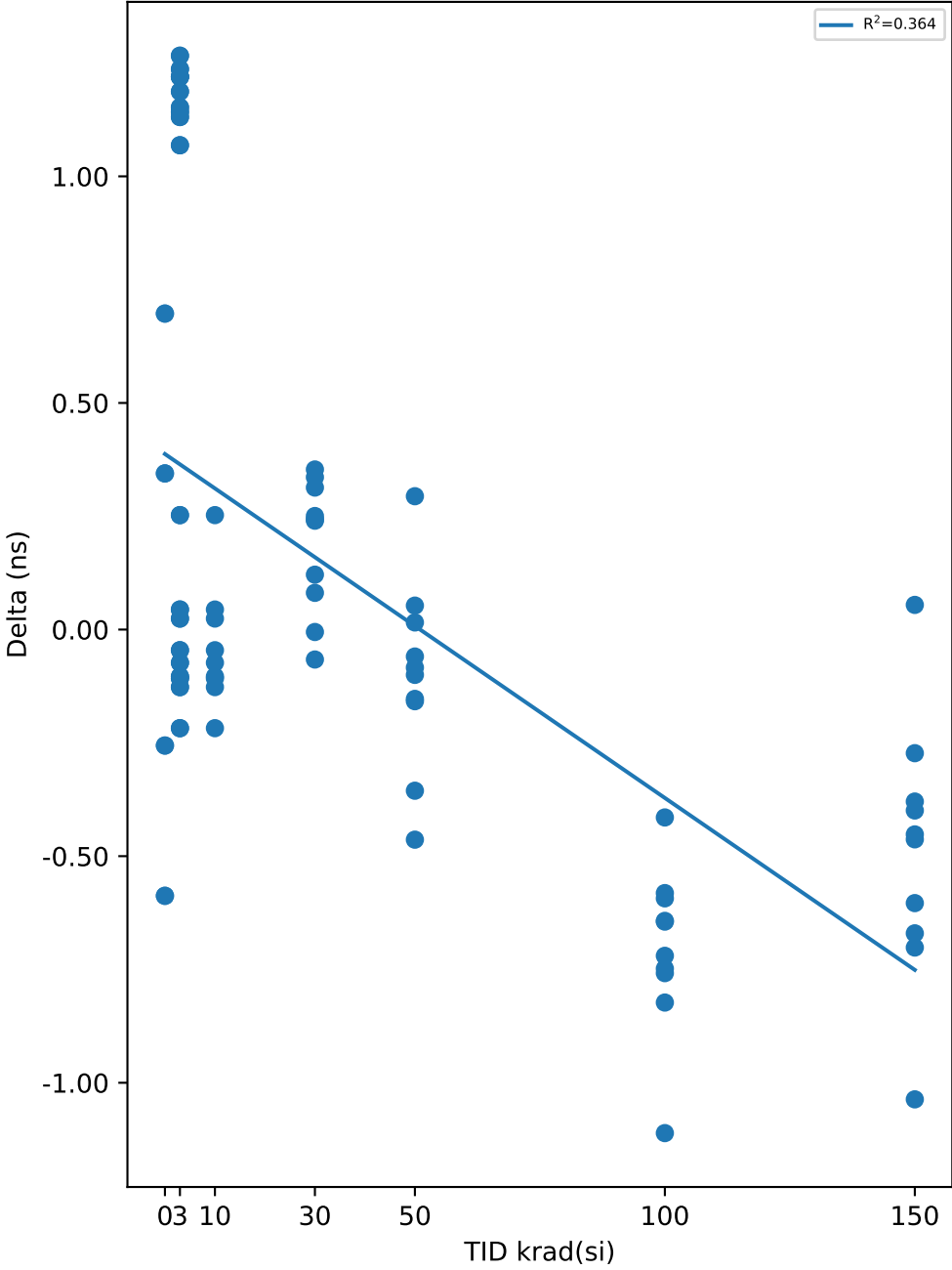
TID vs Result Stats



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.209	10.621	-0.5875
2	0	CORRELATION	10.758	11.102	0.3445
259	3	LDR Biased	10.703	11.89	1.1871
426	3	LDR Biased	10.855	12.075	1.2201
427	3	LDR Biased	10.797	12.017	1.2193
428	3	LDR Biased	10.543	11.685	1.142
429	3	LDR Unbiased	10.532	11.685	1.1522
430	3	LDR Unbiased	11.082	12.15	1.0686
431	3	LDR Unbiased	11.288	12.554	1.2661
432	3	LDR Unbiased	11.225	12.356	1.1309
433	3	LDR Unbiased	10.616	11.853	1.2365
1259	10	LDR Biased	10.703	10.727	0.0243
1426	10	LDR Biased	10.855	10.782	-0.0732
1427	10	LDR Biased	10.797	10.841	0.0442
1428	10	LDR Biased	10.543	10.435	-0.1077
1429	10	LDR Unbiased	10.532	10.405	-0.127
1430	10	LDR Unbiased	11.082	10.864	-0.2176
1431	10	LDR Unbiased	11.288	11.54	0.2525
1432	10	LDR Unbiased	11.225	11.179	-0.0456
1433	10	LDR Unbiased	10.616	10.513	-0.1035
2434	30	LDR Biased	10.789	11.102	0.3133
2435	30	LDR Biased	11.313	11.564	0.2505
2436	30	LDR Biased	11.174	11.51	0.3361
2437	30	LDR Biased	10.997	10.931	-0.0661
2438	30	LDR Biased	11.345	11.466	0.1211
2439	30	LDR Unbiased	10.8	11.153	0.3532
2440	30	LDR Unbiased	10.842	11.085	0.2434
2441	30	LDR Unbiased	11.209	11.29	0.081
2443	30	LDR Unbiased	10.758	10.752	-0.0054
2444	30	LDR Unbiased	10.759	11	0.2402
3434	50	LDR Biased	10.789	11.083	0.2942
3435	50	LDR Biased	11.313	11.366	0.0528
3436	50	LDR Biased	11.174	11.09	-0.0839
3437	50	LDR Biased	10.997	10.641	-0.3556
3438	50	LDR Biased	11.345	10.881	-0.4636
3439	50	LDR Unbiased	10.8	10.647	-0.153
3440	50	LDR Unbiased	10.842	10.742	-0.1
3441	50	LDR Unbiased	11.209	11.051	-0.1581
3443	50	LDR Unbiased	10.758	10.698	-0.0595
3444	50	LDR Unbiased	10.759	10.775	0.0157
4434	100	LDR Biased	10.789	10.196	-0.5931
4435	100	LDR Biased	11.313	10.49	-0.823
4436	100	LDR Biased	11.174	10.592	-0.5815
4437	100	LDR Biased	10.997	10.239	-0.7581
4438	100	LDR Biased	11.345	10.233	-1.1111
4439	100	LDR Unbiased	10.8	10.052	-0.7482
4440	100	LDR Unbiased	10.842	10.427	-0.4146
4441	100	LDR Unbiased	11.209	10.565	-0.6444
4443	100	LDR Unbiased	10.758	10.115	-0.6428
4444	100	LDR Unbiased	10.759	10.04	-0.7199
4500	150	LDR Biased	11.226	10.826	-0.3992
4501	150	LDR Biased	10.716	10.014	-0.7016
4502	150	LDR Biased	10.763	10.093	-0.6703
4503	150	LDR Biased	11.396	10.359	-1.0366
4504	150	LDR Biased	11.026	10.422	-0.6036
4505	150	LDR Unbiased	11.318	10.866	-0.452
4506	150	LDR Unbiased	10.882	10.419	-0.4629
4507	150	LDR Unbiased	10.643	10.263	-0.3795
4508	150	LDR Unbiased	10.268	10.322	0.0544
4509	150	LDR Unbiased	10.65	10.377	-0.2728

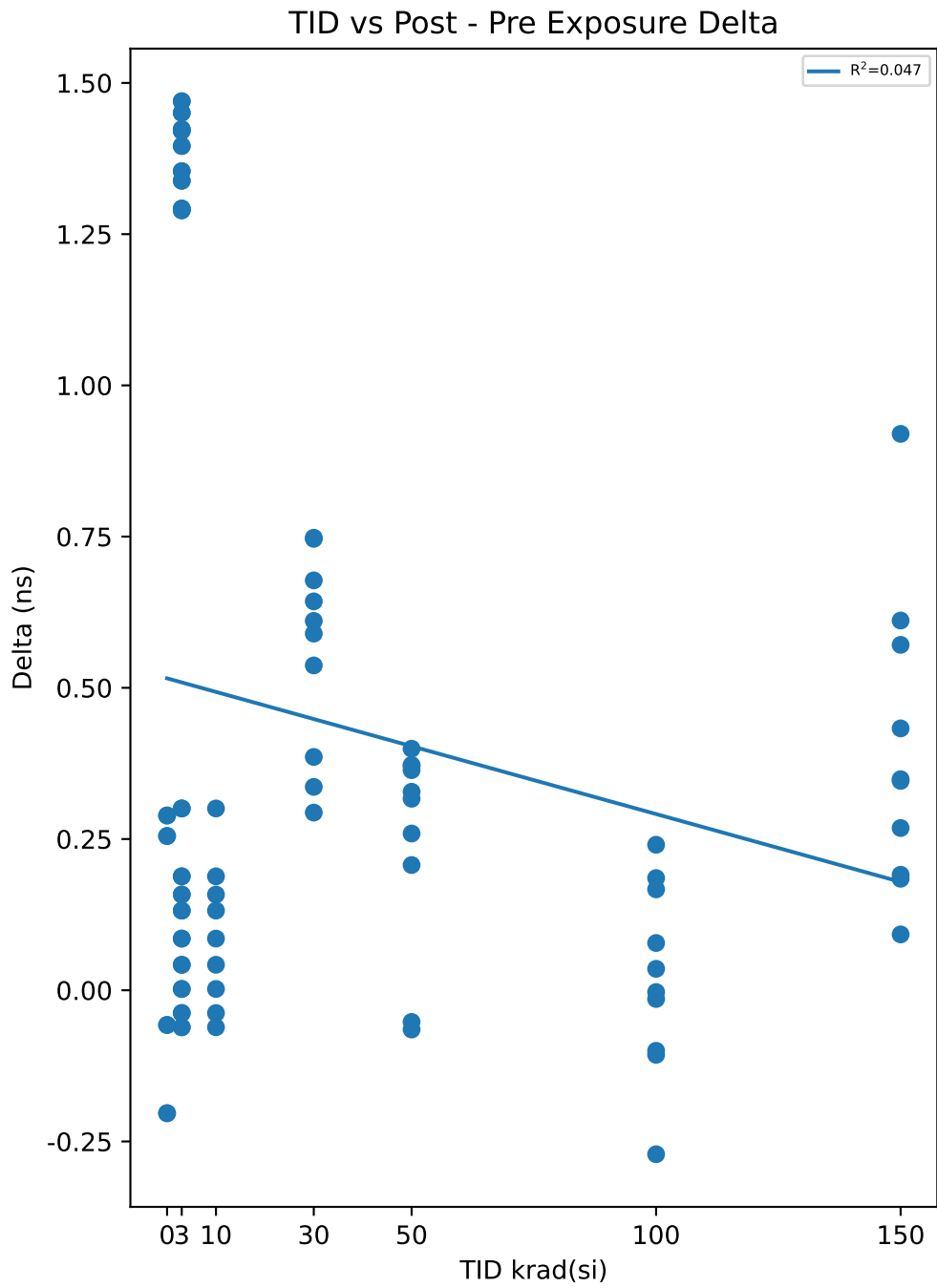
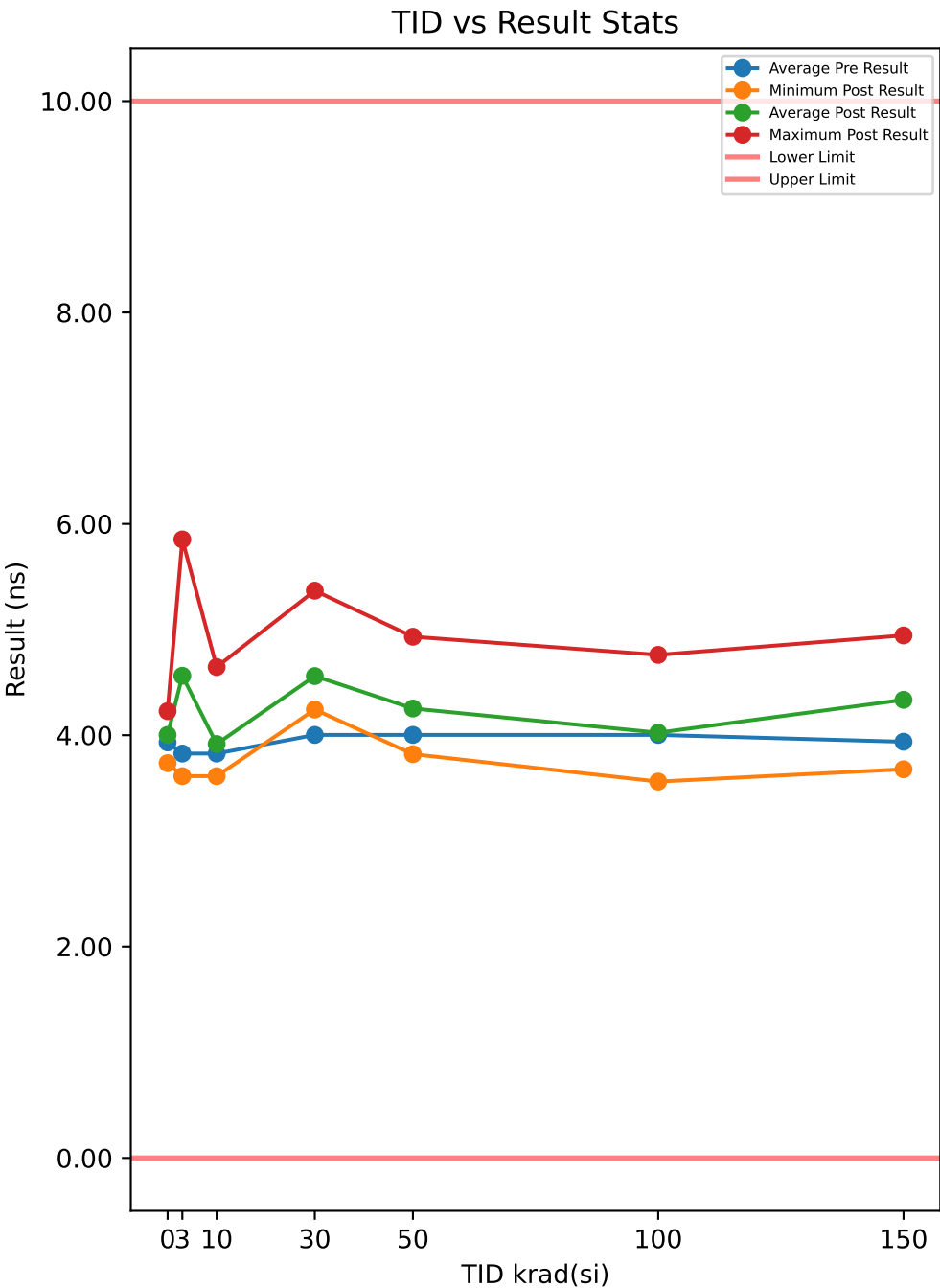
TID vs Post - Pre Exposure Delta



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	10.758	10.983	11.209	0.31905	10.621	10.862	11.102	0.33998	-0.5875	-0.1215	0.3445	0.65902
3	10.532	10.849	11.288	0.28732	11.685	12.029	12.554	0.29304	1.0686	1.1803	1.2661	0.062094
10	10.532	10.849	11.288	0.28732	10.405	10.81	11.54	0.36645	-0.2176	-0.039289	0.2525	0.13492
30	10.758	10.998	11.345	0.23963	10.752	11.185	11.564	0.26719	-0.0661	0.18673	0.3532	0.14625
50	10.758	10.998	11.345	0.23963	10.641	10.897	11.366	0.24082	-0.4636	-0.1011	0.2942	0.21022
100	10.758	10.998	11.345	0.23963	10.04	10.295	10.592	0.20819	-1.1111	-0.70367	-0.4146	0.1836
150	10.268	10.889	11.396	0.35324	10.014	10.396	10.866	0.27285	-1.0366	-0.49241	0.0544	0.28965

Device Test: 97.10 DLH Dead Time Min 2MHz VIN_14V



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

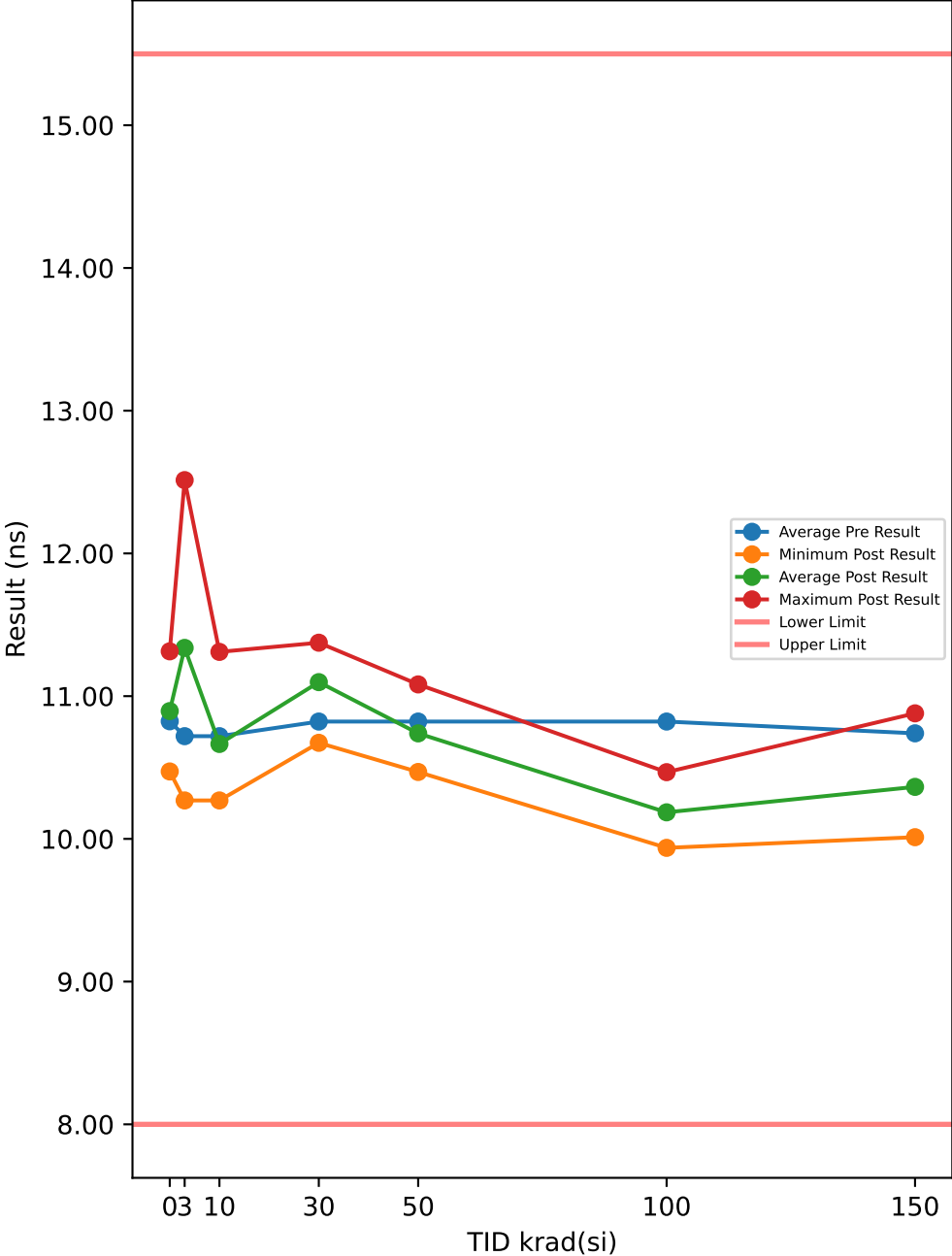
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.9249	3.8675	-0.0574
2	0	CORRELATION	3.9388	3.7355	-0.2033
259	3	LDR Biased	3.5408	5.0105	1.4697
426	3	LDR Biased	3.8419	5.1342	1.2923
427	3	LDR Biased	3.7239	5.078	1.3541
428	3	LDR Biased	3.6958	5.1192	1.4234
429	3	LDR Unbiased	3.7828	5.1211	1.3383
430	3	LDR Unbiased	3.9031	5.1925	1.2894
431	3	LDR Unbiased	4.0132	5.434	1.4208
432	3	LDR Unbiased	4.4568	5.8526	1.3958
433	3	LDR Unbiased	3.4808	4.9314	1.4506
1259	10	LDR Biased	3.5408	3.699	0.1582
1426	10	LDR Biased	3.8419	3.7807	-0.0612
1427	10	LDR Biased	3.7239	3.766	0.0421
1428	10	LDR Biased	3.6958	3.7812	0.0854
1429	10	LDR Unbiased	3.7828	3.7849	0.0021
1430	10	LDR Unbiased	3.9031	3.8654	-0.0377
1431	10	LDR Unbiased	4.0132	4.3137	0.3005
1432	10	LDR Unbiased	4.4568	4.6451	0.1883
1433	10	LDR Unbiased	3.4808	3.6125	0.1317
2434	30	LDR Biased	4.189	4.8666	0.6776
2435	30	LDR Biased	3.9659	4.5555	0.5896
2436	30	LDR Biased	4.7247	5.3676	0.6429
2437	30	LDR Biased	3.9492	4.2429	0.2937
2438	30	LDR Biased	4.2161	4.5523	0.3362
2439	30	LDR Unbiased	3.5642	4.3105	0.7463
2440	30	LDR Unbiased	3.5614	4.3095	0.7481
2441	30	LDR Unbiased	3.9249	4.3106	0.3857
2443	30	LDR Unbiased	3.9388	4.4758	0.537
2444	30	LDR Unbiased	3.9935	4.6041	0.6106
3434	50	LDR Biased	4.189	4.5529	0.3639
3435	50	LDR Biased	3.9659	4.2825	0.3166
3436	50	LDR Biased	4.7247	4.9317	0.207
3437	50	LDR Biased	3.9492	3.8843	-0.0649
3438	50	LDR Biased	4.2161	4.1637	-0.0524
3439	50	LDR Unbiased	3.5642	3.9366	0.3724
3440	50	LDR Unbiased	3.5614	3.8205	0.2591
3441	50	LDR Unbiased	3.9249	4.253	0.3281
3443	50	LDR Unbiased	3.9388	4.3098	0.371
3444	50	LDR Unbiased	3.9935	4.3928	0.3993
4434	100	LDR Biased	4.189	4.1746	-0.0144
4435	100	LDR Biased	3.9659	3.8592	-0.1067
4436	100	LDR Biased	4.7247	4.7601	0.0354
4437	100	LDR Biased	3.9492	3.8491	-0.1001
4438	100	LDR Biased	4.2161	3.945	-0.2711
4439	100	LDR Unbiased	3.5642	3.5612	-0.003
4440	100	LDR Unbiased	3.5614	3.8019	0.2405
4441	100	LDR Unbiased	3.9249	4.1103	0.1854
4443	100	LDR Unbiased	3.9388	4.1056	0.1668
4444	100	LDR Unbiased	3.9935	4.0716	0.0781
4500	150	LDR Biased	4.5979	4.944	0.3461
4501	150	LDR Biased	3.5855	3.6778	0.0923
4502	150	LDR Biased	3.6104	3.8786	0.2682
4503	150	LDR Biased	4.1482	4.3325	0.1843
4504	150	LDR Biased	4.3456	4.5365	0.1909
4505	150	LDR Unbiased	4.4643	4.8972	0.4329
4506	150	LDR Unbiased	4.1898	4.5387	0.3489
4507	150	LDR Unbiased	3.8745	4.4857	0.6112
4508	150	LDR Unbiased	3.0323	3.9521	0.9198
4509	150	LDR Unbiased	3.5336	4.1046	0.571

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	3.9249	3.9318	3.9388	0.0098288	3.7355	3.8015	3.8675	0.093338	-0.2033	-0.13035	-0.0574	0.10317
3	3.4808	3.8266	4.4568	0.28916	4.9314	5.2082	5.8526	0.27842	1.2894	1.3816	1.4697	0.066252
10	3.4808	3.8266	4.4568	0.28916	3.6125	3.9165	4.6451	0.33684	-0.0612	0.089933	0.3005	0.11703
30	3.5614	4.0028	4.7247	0.33383	4.2429	4.5595	5.3676	0.34044	0.2937	0.55677	0.7481	0.16534
50	3.5614	4.0028	4.7247	0.33383	3.8205	4.2528	4.9317	0.33421	-0.0649	0.25001	0.3993	0.17255
100	3.5614	4.0028	4.7247	0.33383	3.5612	4.0239	4.7601	0.3177	-0.2711	0.02109	0.2405	0.15566
150	3.0323	3.9382	4.5979	0.49505	3.6778	4.3348	4.944	0.42579	0.0923	0.39656	0.9198	0.24784

Device Test: 97.11 DLH Dead Time Small 2MHz VIN_14V

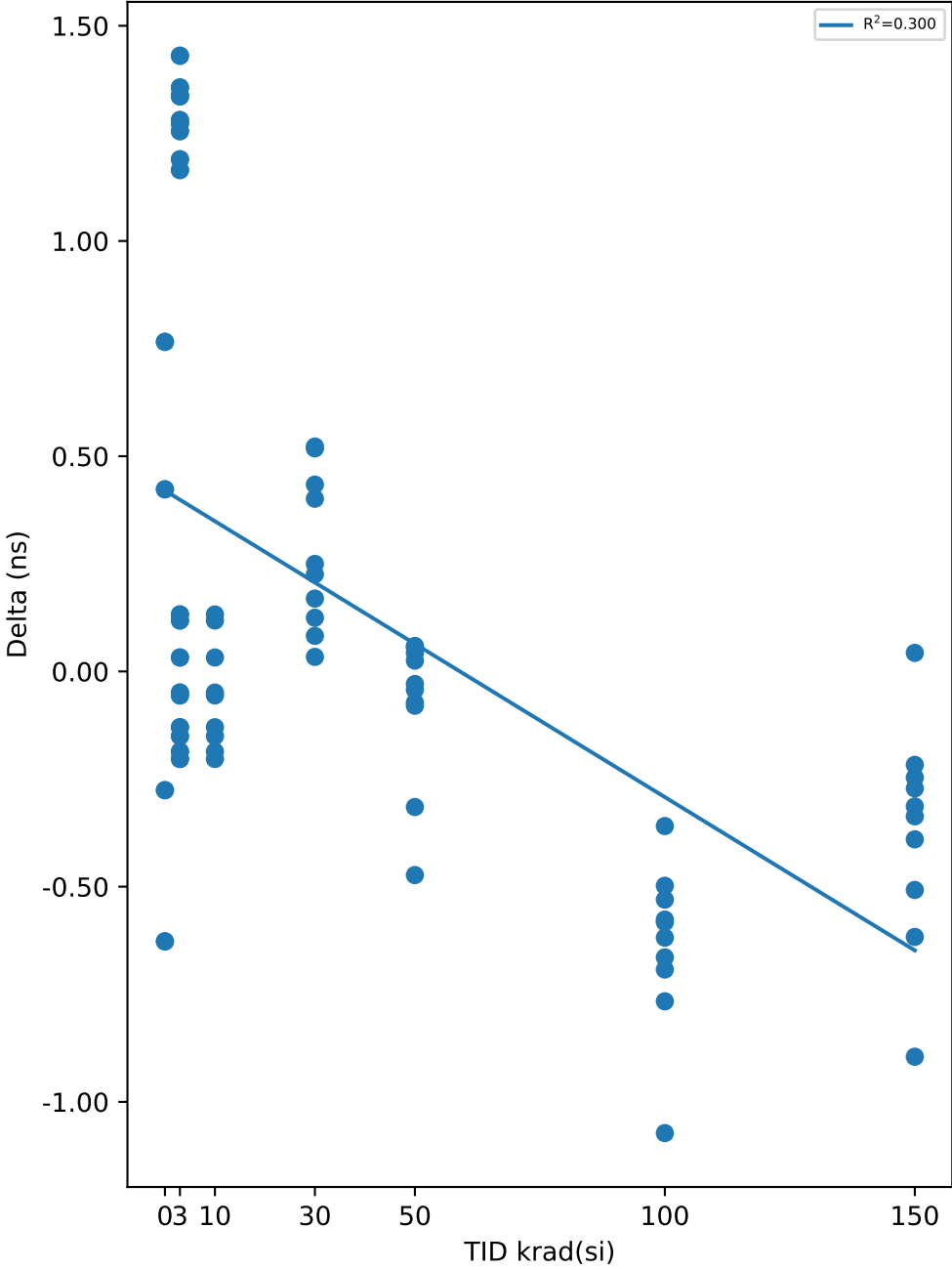
TID vs Result Stats



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.099	10.472	-0.6271
2	0	CORRELATION	10.548	10.971	0.4231
259	3	LDR Biased	10.48	11.818	1.3381
426	3	LDR Biased	10.76	12.041	1.281
427	3	LDR Biased	10.633	12.063	1.4304
428	3	LDR Biased	10.476	11.666	1.1898
429	3	LDR Unbiased	10.473	11.637	1.1649
430	3	LDR Unbiased	10.853	12.126	1.273
431	3	LDR Unbiased	11.178	12.514	1.3359
432	3	LDR Unbiased	11.113	12.368	1.2552
433	3	LDR Unbiased	10.511	11.867	1.3567
1259	10	LDR Biased	10.48	10.599	0.1183
1426	10	LDR Biased	10.76	10.63	-0.1296
1427	10	LDR Biased	10.633	10.665	0.0324
1428	10	LDR Biased	10.476	10.29	-0.1861
1429	10	LDR Unbiased	10.473	10.269	-0.2033
1430	10	LDR Unbiased	10.853	10.703	-0.1504
1431	10	LDR Unbiased	11.178	11.31	0.1324
1432	10	LDR Unbiased	11.113	11.064	-0.0491
1433	10	LDR Unbiased	10.511	10.455	-0.0558
2434	30	LDR Biased	10.658	11.092	0.434
2435	30	LDR Biased	11.125	11.374	0.2497
2436	30	LDR Biased	10.997	11.223	0.2257
2437	30	LDR Biased	10.843	10.925	0.0826
2438	30	LDR Biased	11.195	11.229	0.0338
2439	30	LDR Unbiased	10.556	11.078	0.5225
2440	30	LDR Unbiased	10.627	11.145	0.5182
2441	30	LDR Unbiased	11.099	11.269	0.1693
2443	30	LDR Unbiased	10.548	10.673	0.1247
2444	30	LDR Unbiased	10.572	10.973	0.4013
3434	50	LDR Biased	10.658	10.683	0.0252
3435	50	LDR Biased	11.125	11.082	-0.0425
3436	50	LDR Biased	10.997	11.04	0.043
3437	50	LDR Biased	10.843	10.528	-0.315
3438	50	LDR Biased	11.195	10.722	-0.4731
3439	50	LDR Unbiased	10.556	10.526	-0.0292
3440	50	LDR Unbiased	10.627	10.686	0.0592
3441	50	LDR Unbiased	11.099	11.027	-0.0725
3443	50	LDR Unbiased	10.548	10.469	-0.0796
3444	50	LDR Unbiased	10.572	10.628	0.0561
4434	100	LDR Biased	10.658	10.081	-0.5765
4435	100	LDR Biased	11.125	10.358	-0.7664
4436	100	LDR Biased	10.997	10.467	-0.5301
4437	100	LDR Biased	10.843	10.15	-0.6925
4438	100	LDR Biased	11.195	10.123	-1.0726
4439	100	LDR Unbiased	10.556	9.9371	-0.6185
4440	100	LDR Unbiased	10.627	10.268	-0.3592
4441	100	LDR Unbiased	11.099	10.435	-0.6643
4443	100	LDR Unbiased	10.548	10.05	-0.498
4444	100	LDR Unbiased	10.572	9.9895	-0.5824
4500	150	LDR Biased	11.097	10.88	-0.2171
4501	150	LDR Biased	10.629	10.012	-0.6168
4502	150	LDR Biased	10.576	10.186	-0.3901
4503	150	LDR Biased	11.166	10.271	-0.8951
4504	150	LDR Biased	10.825	10.318	-0.5077
4505	150	LDR Unbiased	11.183	10.869	-0.3136
4506	150	LDR Unbiased	10.721	10.384	-0.3366
4507	150	LDR Unbiased	10.476	10.205	-0.2717
4508	150	LDR Unbiased	10.183	10.226	0.0431
4509	150	LDR Unbiased	10.539	10.292	-0.2464

TID vs Post - Pre Exposure Delta

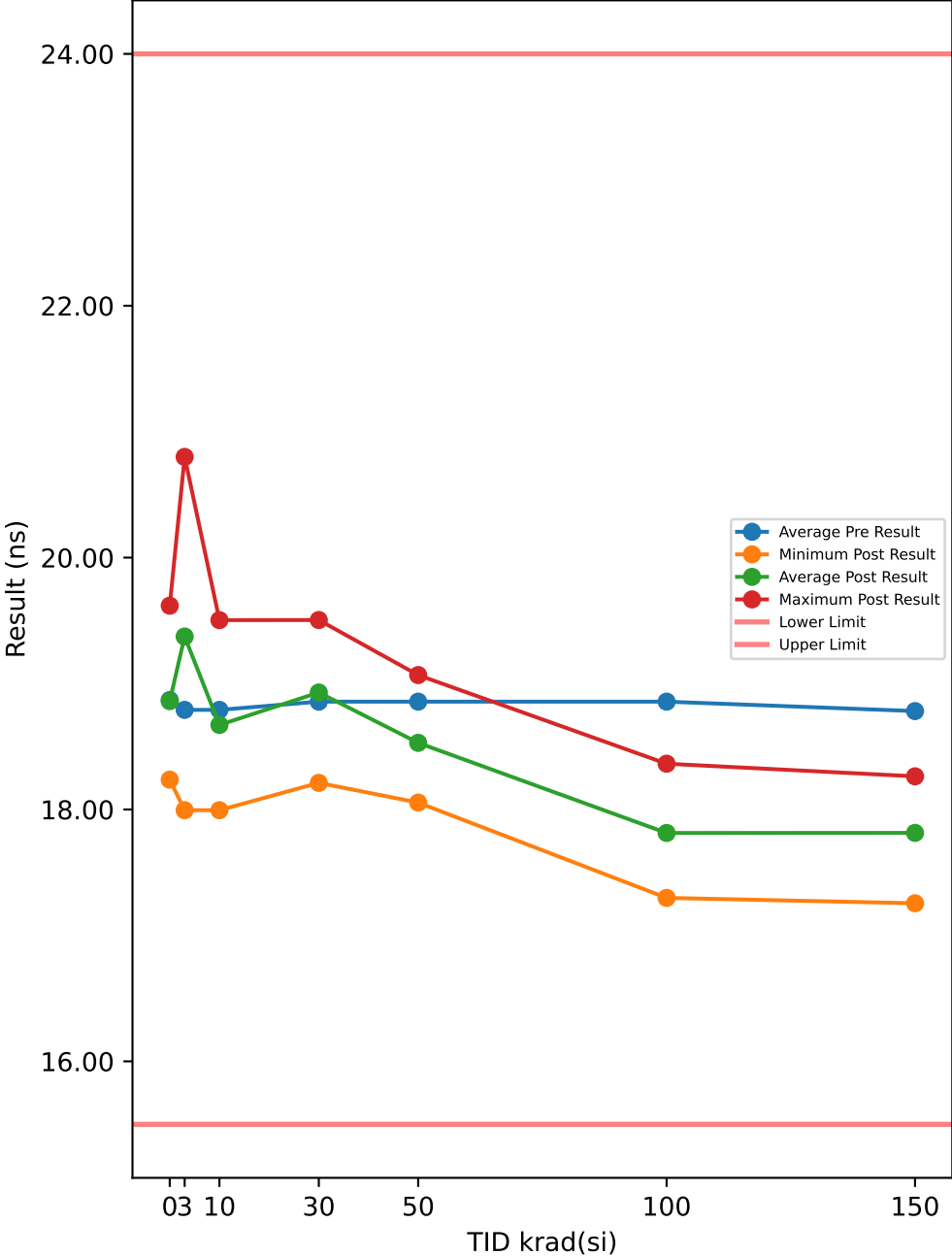


Test Statistics (ns)

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	10.548	10.824	11.099	0.38962	10.472	10.722	10.971	0.35299	-0.6271	-0.102	0.4231	0.7426
3	10.473	10.72	11.178	0.27675	11.637	12.011	12.514	0.29864	1.1649	1.2917	1.4304	0.083537
10	10.473	10.72	11.178	0.27675	10.269	10.665	11.31	0.33981	-0.2033	-0.054578	0.1324	0.12583
30	10.548	10.822	11.195	0.26087	10.673	11.098	11.374	0.20195	0.0338	0.27618	0.5225	0.18063
50	10.548	10.822	11.195	0.26087	10.469	10.739	11.082	0.22923	-0.4731	-0.08284	0.0592	0.17569
100	10.548	10.822	11.195	0.26087	9.9371	10.186	10.467	0.18641	-1.0726	-0.63605	-0.3592	0.19009
150	10.183	10.739	11.183	0.32858	10.012	10.364	10.88	0.28626	-0.8951	-0.3752	0.0431	0.25364

Device Test: 97.12 DLH Dead Time Mid 2MHz VIN_14V

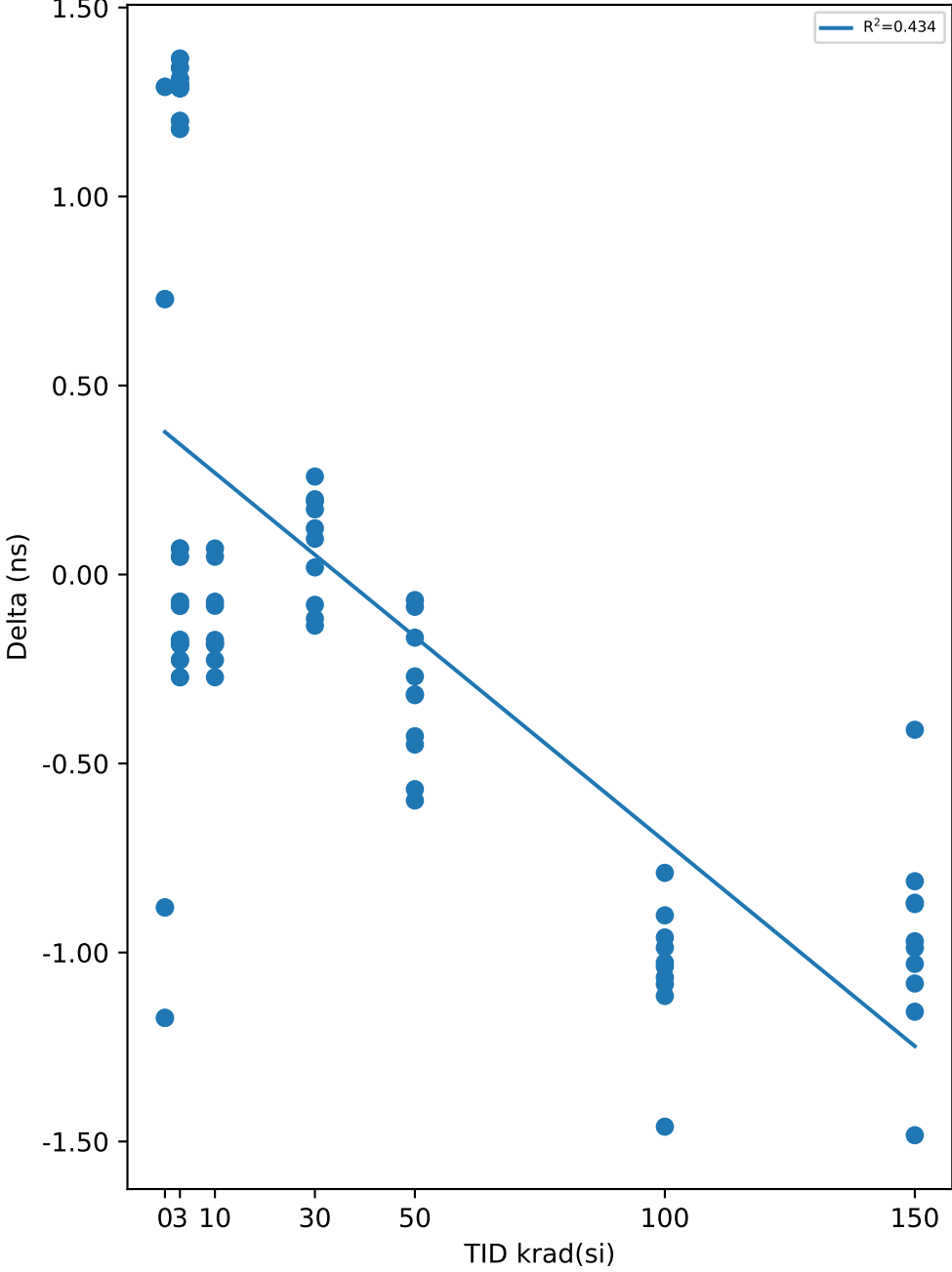
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.41	18.237	-1.1731
2	0	CORRELATION	18.328	19.057	0.7287
259	3	LDR Biased	18.613	19.899	1.2866
426	3	LDR Biased	18.892	20.233	1.3405
427	3	LDR Biased	18.953	20.251	1.2977
428	3	LDR Biased	18.276	19.562	1.2863
429	3	LDR Unbiased	18.18	19.474	1.2949
430	3	LDR Unbiased	19.248	20.427	1.179
431	3	LDR Unbiased	19.435	20.8	1.3648
432	3	LDR Unbiased	18.773	19.973	1.1999
433	3	LDR Unbiased	18.748	20.06	1.3115
1259	10	LDR Biased	18.613	18.66	0.0471
1426	10	LDR Biased	18.892	18.719	-0.173
1427	10	LDR Biased	18.953	18.87	-0.0828
1428	10	LDR Biased	18.276	18.05	-0.2263
1429	10	LDR Unbiased	18.18	17.994	-0.1852
1430	10	LDR Unbiased	19.248	18.977	-0.2718
1431	10	LDR Unbiased	19.435	19.504	0.0688
1432	10	LDR Unbiased	18.773	18.701	-0.0719
1433	10	LDR Unbiased	18.748	18.565	-0.1827
2434	30	LDR Biased	18.366	18.539	0.1725
2435	30	LDR Biased	19.372	19.391	0.0188
2436	30	LDR Biased	18.489	18.688	0.199
2437	30	LDR Biased	18.982	18.901	-0.0802
2438	30	LDR Biased	19.287	19.152	-0.1353
2439	30	LDR Unbiased	18.851	19.044	0.1935
2440	30	LDR Unbiased	19.153	19.412	0.2592
2441	30	LDR Unbiased	19.41	19.504	0.0944
2443	30	LDR Unbiased	18.328	18.211	-0.1168
2444	30	LDR Unbiased	18.324	18.447	0.1223
3434	50	LDR Biased	18.366	18.299	-0.0677
3435	50	LDR Biased	19.372	19.053	-0.3191
3436	50	LDR Biased	18.489	18.172	-0.317
3437	50	LDR Biased	18.982	18.532	-0.4498
3438	50	LDR Biased	19.287	18.719	-0.5679
3439	50	LDR Unbiased	18.851	18.253	-0.5979
3440	50	LDR Unbiased	19.153	19.067	-0.0854
3441	50	LDR Unbiased	19.41	18.982	-0.4279
3443	50	LDR Unbiased	18.328	18.161	-0.1671
3444	50	LDR Unbiased	18.324	18.055	-0.2696
4434	100	LDR Biased	18.366	17.329	-1.037
4435	100	LDR Biased	19.372	18.289	-1.0837
4436	100	LDR Biased	18.489	17.587	-0.9017
4437	100	LDR Biased	18.982	17.995	-0.9869
4438	100	LDR Biased	19.287	17.826	-1.4608
4439	100	LDR Unbiased	18.851	17.736	-1.115
4440	100	LDR Unbiased	19.153	18.363	-0.7893
4441	100	LDR Unbiased	19.41	18.344	-1.0656
4443	100	LDR Unbiased	18.328	17.368	-0.9602
4444	100	LDR Unbiased	18.324	17.298	-1.0264
4500	150	LDR Biased	18.657	17.846	-0.8115
4501	150	LDR Biased	19.078	17.921	-1.1567
4502	150	LDR Biased	18.838	17.85	-0.988
4503	150	LDR Biased	19.433	17.95	-1.4834
4504	150	LDR Biased	18.419	17.551	-0.8683
4505	150	LDR Unbiased	19.011	17.929	-1.082
4506	150	LDR Unbiased	18.53	17.56	-0.9702
4507	150	LDR Unbiased	18.285	17.255	-1.0301
4508	150	LDR Unbiased	18.674	18.263	-0.4108
4509	150	LDR Unbiased	18.887	18.016	-0.8719

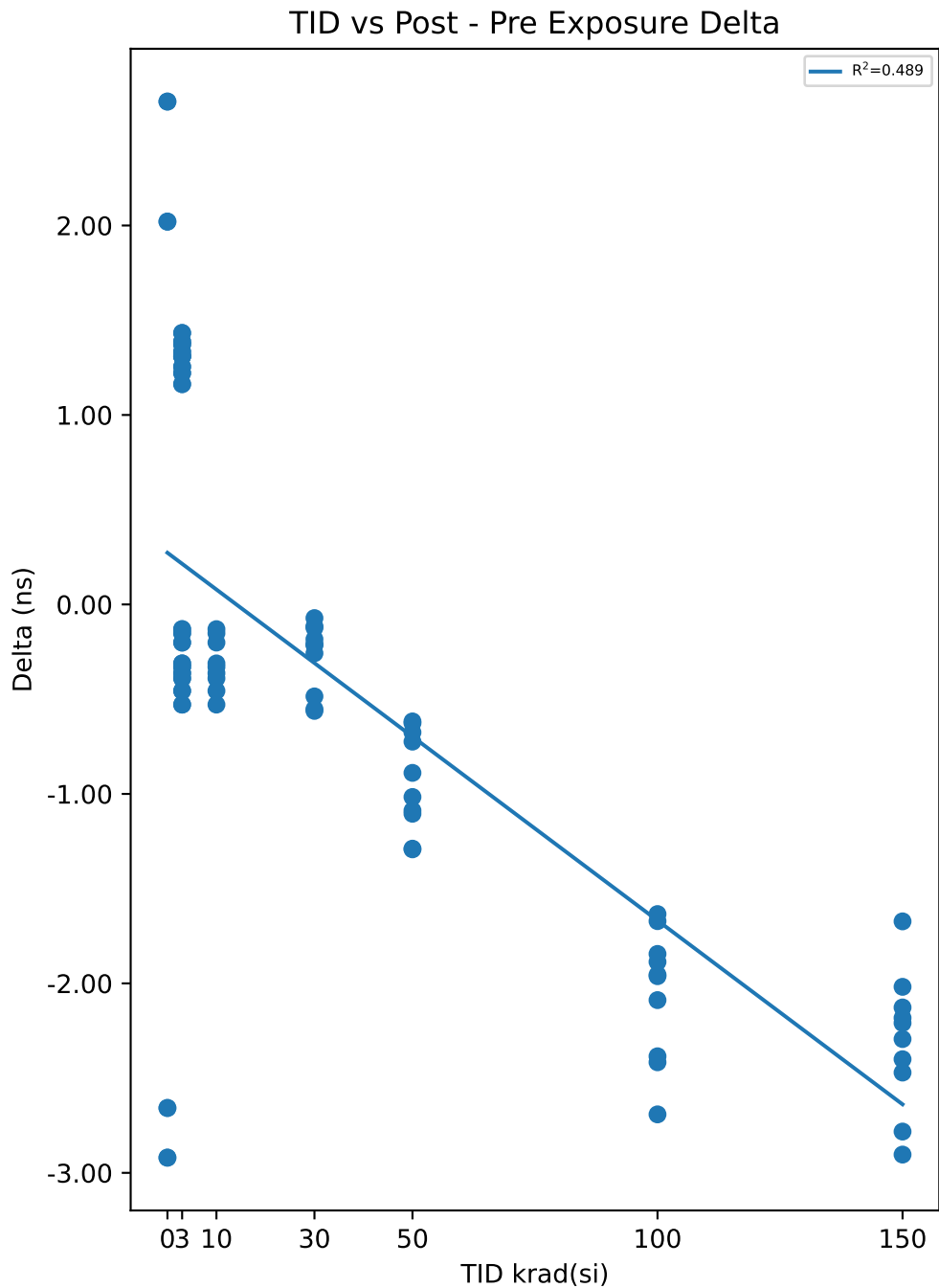
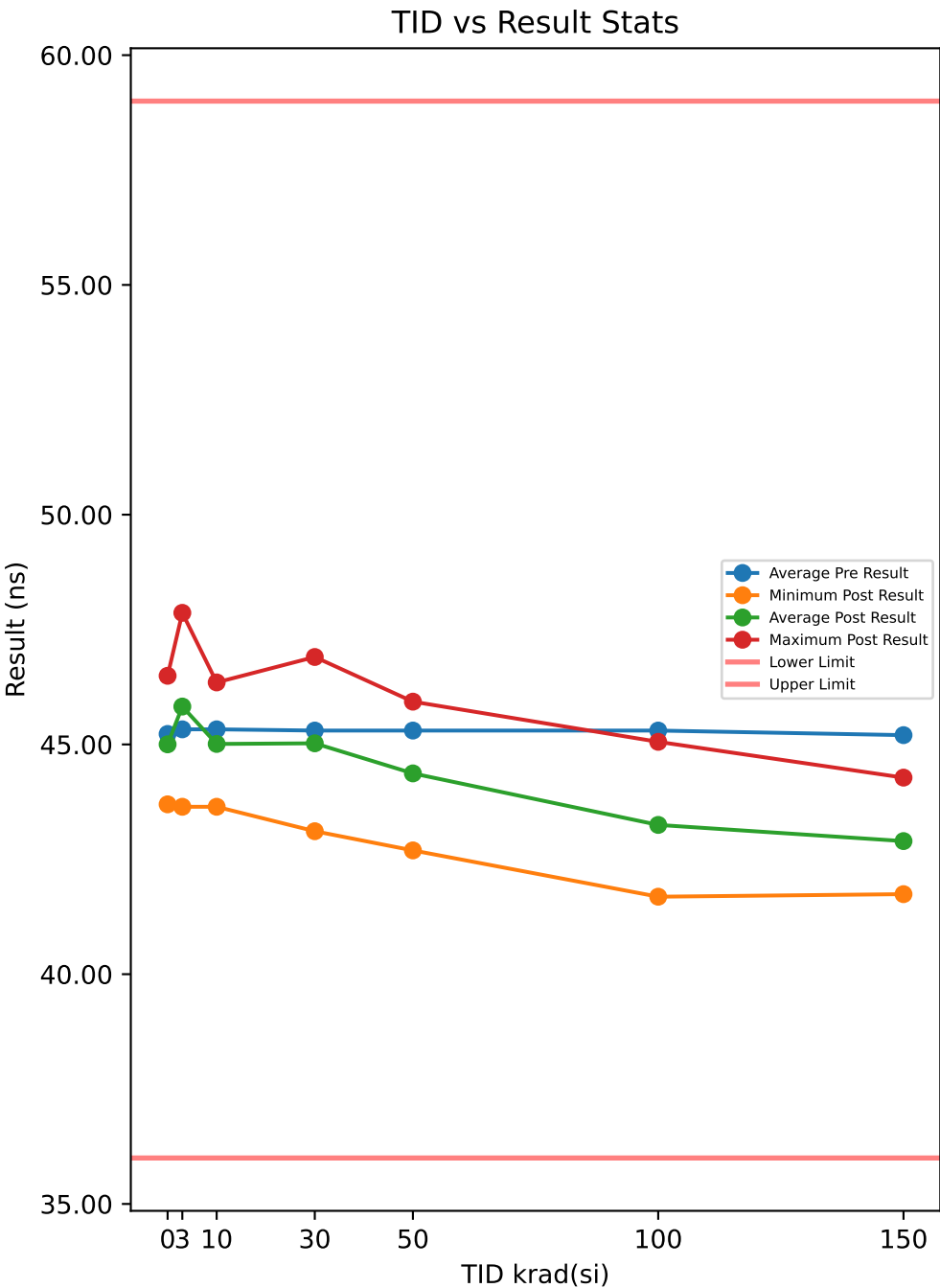
TID vs Post - Pre Exposure Delta



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	18.328	18.869	19.41	0.76502	18.237	18.647	19.057	0.57976	-1.1731	-0.2222	0.7287	1.3448
3	18.18	18.791	19.435	0.40822	19.474	20.076	20.8	0.41381	1.179	1.2846	1.3648	0.060094
10	18.18	18.791	19.435	0.40822	17.994	18.671	19.504	0.45889	-0.2718	-0.11976	0.0688	0.11864
30	18.324	18.856	19.41	0.44709	18.211	18.929	19.504	0.44718	-0.1353	0.07274	0.2592	0.14286
50	18.324	18.856	19.41	0.44709	18.055	18.529	19.067	0.39767	-0.5979	-0.32694	-0.0677	0.18598
100	18.324	18.856	19.41	0.44709	17.298	17.814	18.363	0.42152	-1.4608	-1.0427	-0.7893	0.17529
150	18.285	18.781	19.433	0.34118	17.255	17.814	18.263	0.28558	-1.4834	-0.96729	-0.4108	0.27338

Device Test: 97.13 DLH Dead Time Large 2MHz VIN_14V



Test Results (Lower Limit = 36.0, Upper Limit = 59.0 (ns))

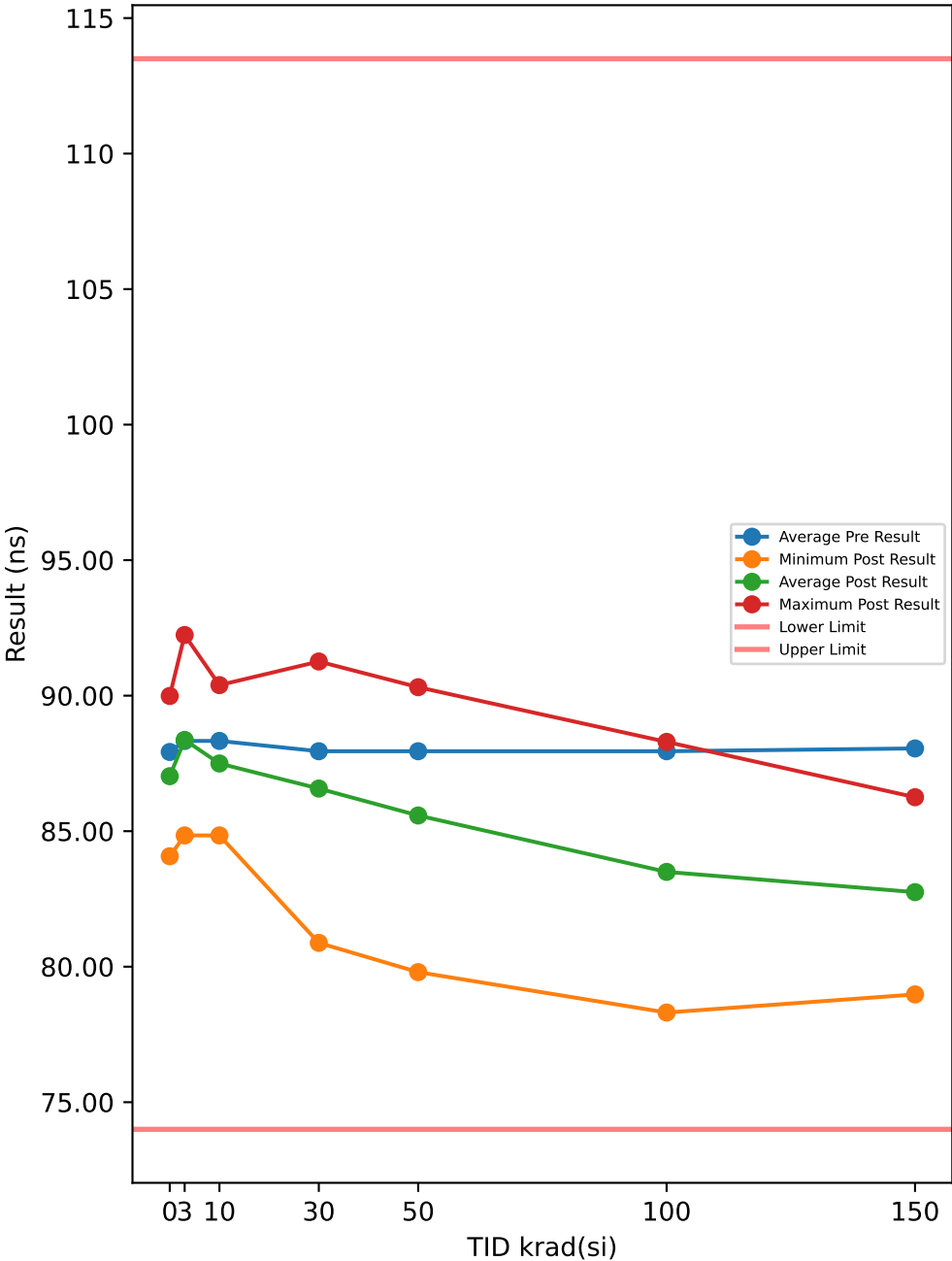
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	46.616	43.696	-2.9198
2	0	CORRELATION	43.84	45.86	2.0205
259	3	LDR Biased	45.246	46.618	1.3721
426	3	LDR Biased	45.287	46.675	1.3876
427	3	LDR Biased	45.561	46.993	1.4327
428	3	LDR Biased	44.392	45.554	1.1628
429	3	LDR Unbiased	44.006	45.316	1.3107
430	3	LDR Unbiased	46.643	47.864	1.221
431	3	LDR Unbiased	46.501	47.835	1.3337
432	3	LDR Unbiased	44.56	45.815	1.2547
433	3	LDR Unbiased	45.763	47.072	1.3088
1259	10	LDR Biased	45.246	45.044	-0.2012
1426	10	LDR Biased	45.287	44.957	-0.3298
1427	10	LDR Biased	45.561	45.43	-0.1304
1428	10	LDR Biased	44.392	43.863	-0.5286
1429	10	LDR Unbiased	44.006	43.643	-0.3627
1430	10	LDR Unbiased	46.643	46.253	-0.39
1431	10	LDR Unbiased	46.501	46.349	-0.1518
1432	10	LDR Unbiased	44.56	44.249	-0.3113
1433	10	LDR Unbiased	45.763	45.307	-0.4561
2434	30	LDR Biased	43.781	43.598	-0.1833
2435	30	LDR Biased	46.755	46.497	-0.2577
2436	30	LDR Biased	43.32	43.111	-0.209
2437	30	LDR Biased	45.733	45.248	-0.4854
2438	30	LDR Biased	45.929	45.377	-0.5523
2439	30	LDR Unbiased	46.097	45.882	-0.2153
2440	30	LDR Unbiased	47.019	46.903	-0.1156
2441	30	LDR Unbiased	46.616	46.054	-0.5618
2443	30	LDR Unbiased	43.84	43.716	-0.1233
2444	30	LDR Unbiased	43.928	43.856	-0.0721
3434	50	LDR Biased	43.781	43.164	-0.6174
3435	50	LDR Biased	46.755	45.866	-0.889
3436	50	LDR Biased	43.32	42.694	-0.6265
3437	50	LDR Biased	45.733	44.717	-1.0163
3438	50	LDR Biased	45.929	44.64	-1.289
3439	50	LDR Unbiased	46.097	44.992	-1.1047
3440	50	LDR Unbiased	47.019	45.931	-1.0877
3441	50	LDR Unbiased	46.616	45.324	-1.2925
3443	50	LDR Unbiased	43.84	43.115	-0.7241
3444	50	LDR Unbiased	43.928	43.253	-0.6754
4434	100	LDR Biased	43.781	41.937	-1.8446
4435	100	LDR Biased	46.755	44.667	-2.0883
4436	100	LDR Biased	43.32	41.686	-1.6342
4437	100	LDR Biased	45.733	43.778	-1.9545
4438	100	LDR Biased	45.929	43.238	-2.6914
4439	100	LDR Unbiased	46.097	43.68	-2.4164
4440	100	LDR Unbiased	47.019	45.057	-1.962
4441	100	LDR Unbiased	46.616	44.231	-2.3848
4443	100	LDR Unbiased	43.84	42.168	-1.6715
4444	100	LDR Unbiased	43.928	42.042	-1.8864
4500	150	LDR Biased	43.536	41.863	-1.6727
4501	150	LDR Biased	46.543	43.639	-2.9036
4502	150	LDR Biased	45.827	43.533	-2.2938
4503	150	LDR Biased	46.593	43.81	-2.7821
4504	150	LDR Biased	43.76	41.742	-2.0182
4505	150	LDR Unbiased	44.864	42.464	-2.4002
4506	150	LDR Unbiased	44.444	42.317	-2.1271
4507	150	LDR Unbiased	43.996	41.787	-2.2091
4508	150	LDR Unbiased	46.46	44.278	-2.1823
4509	150	LDR Unbiased	46	43.529	-2.4707

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	43.84	45.228	46.616	1.9632	43.696	44.778	45.86	1.5301	-2.9198	-0.44965	2.0205	3.4933
3	44.006	45.329	46.643	0.90636	45.316	46.638	47.864	0.92533	1.1628	1.3093	1.4327	0.08525
10	44.006	45.329	46.643	0.90636	43.643	45.011	46.349	0.95988	-0.5286	-0.31799	-0.1304	0.13567
30	43.32	45.302	47.019	1.4244	43.111	45.024	46.903	1.3515	-0.5618	-0.27758	-0.0721	0.18546
50	43.32	45.302	47.019	1.4244	42.694	44.37	45.931	1.2134	-1.2925	-0.93226	-0.6174	0.26285
100	43.32	45.302	47.019	1.4244	41.686	43.248	45.057	1.2247	-2.6914	-2.0534	-1.6342	0.34336
150	43.536	45.202	46.593	1.2175	41.742	42.896	44.278	0.9578	-2.9036	-2.306	-1.6727	0.35909

Device Test: 97.14 DLH Dead Time Max 2MHz VIN_14V

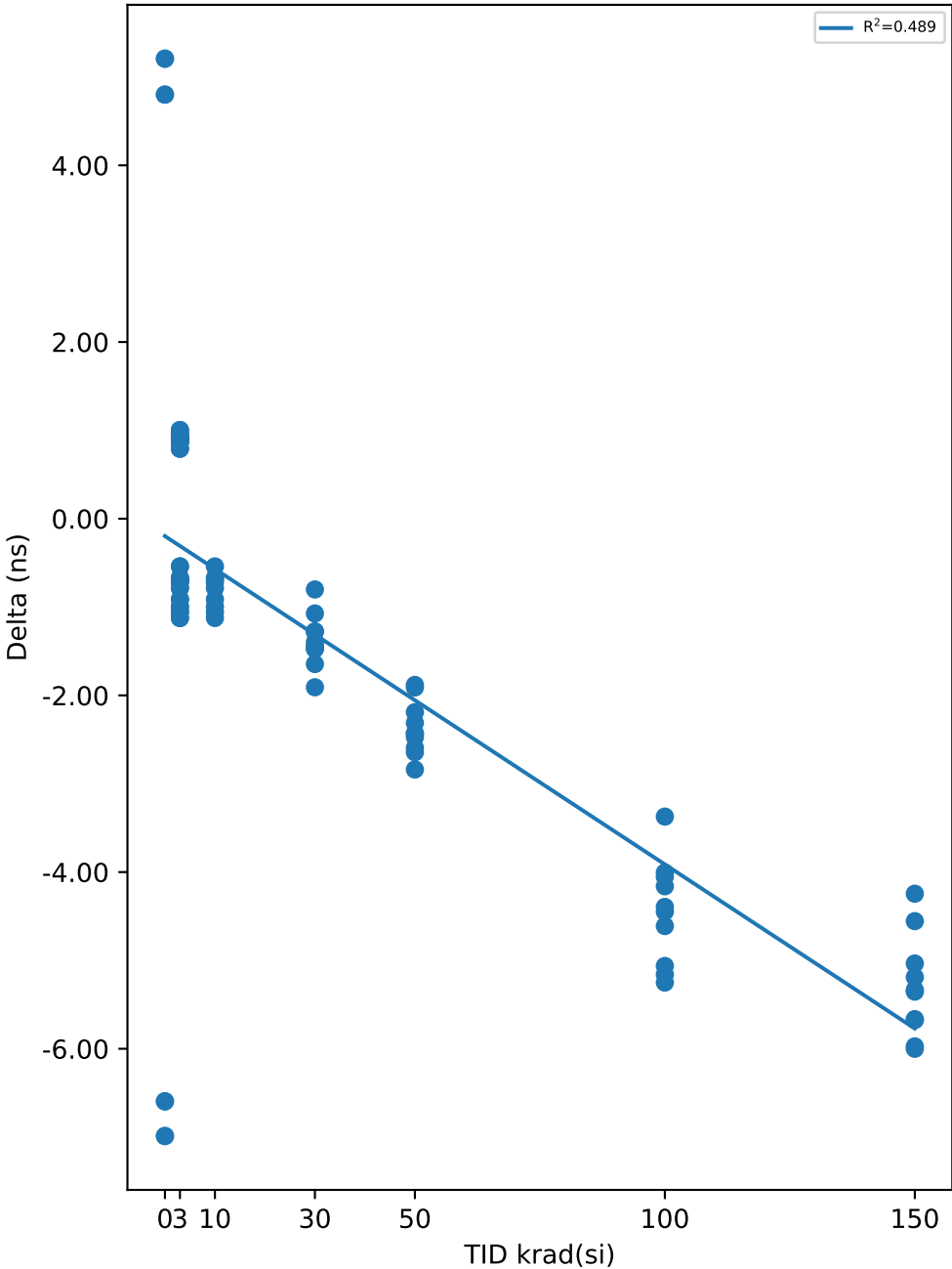
TID vs Result Stats



Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	91.063	84.075	-6.9878
2	0	CORRELATION	84.781	89.582	4.8008
259	3	LDR Biased	88.368	89.287	0.919
426	3	LDR Biased	87.782	88.71	0.9275
427	3	LDR Biased	88.877	89.881	1.0032
428	3	LDR Biased	86.392	87.271	0.879
429	3	LDR Unbiased	85.839	86.7	0.8613
430	3	LDR Unbiased	91.446	92.238	0.7923
431	3	LDR Unbiased	90.207	91.15	0.9428
432	3	LDR Unbiased	86.228	87.178	0.9498
433	3	LDR Unbiased	89.829	90.719	0.8898
1259	10	LDR Biased	88.368	87.65	-0.7183
1426	10	LDR Biased	87.782	86.998	-0.7842
1427	10	LDR Biased	88.877	88.208	-0.6691
1428	10	LDR Biased	86.392	85.479	-0.9134
1429	10	LDR Unbiased	85.839	84.843	-0.9964
1430	10	LDR Unbiased	91.446	90.388	-1.0577
1431	10	LDR Unbiased	90.207	89.519	-0.6887
1432	10	LDR Unbiased	86.228	85.688	-0.5401
1433	10	LDR Unbiased	89.829	88.705	-1.1239
2434	30	LDR Biased	83.939	82.866	-1.0729
2435	30	LDR Biased	91.597	90.137	-1.4599
2436	30	LDR Biased	81.68	80.879	-0.801
2437	30	LDR Biased	89.223	87.773	-1.4503
2438	30	LDR Biased	88.63	87.155	-1.4754
2439	30	LDR Unbiased	90.666	89.39	-1.276
2440	30	LDR Unbiased	92.905	91.26	-1.6449
2441	30	LDR Unbiased	91.063	89.155	-1.9081
2443	30	LDR Unbiased	84.781	83.384	-1.3973
2444	30	LDR Unbiased	85.008	83.73	-1.2782
3434	50	LDR Biased	83.939	82.029	-1.9102
3435	50	LDR Biased	91.597	89.406	-2.1903
3436	50	LDR Biased	81.68	79.799	-1.8819
3437	50	LDR Biased	89.223	86.791	-2.4319
3438	50	LDR Biased	88.63	86.319	-2.3114
3439	50	LDR Unbiased	90.666	88.022	-2.6439
3440	50	LDR Unbiased	92.905	90.312	-2.5932
3441	50	LDR Unbiased	91.063	88.224	-2.8389
3443	50	LDR Unbiased	84.781	82.31	-2.4716
3444	50	LDR Unbiased	85.008	82.577	-2.4314
4434	100	LDR Biased	83.939	79.933	-4.0058
4435	100	LDR Biased	91.597	87.202	-4.3947
4436	100	LDR Biased	81.68	78.308	-3.3721
4437	100	LDR Biased	89.223	85.169	-4.0545
4438	100	LDR Biased	88.63	83.38	-5.2505
4439	100	LDR Unbiased	90.666	85.506	-5.1595
4440	100	LDR Unbiased	92.905	88.294	-4.6107
4441	100	LDR Unbiased	91.063	86	-5.0628
4443	100	LDR Unbiased	84.781	80.621	-4.1605
4444	100	LDR Unbiased	85.008	80.56	-4.4483
4500	150	LDR Biased	83.221	78.976	-4.245
4501	150	LDR Biased	91.218	85.245	-5.9732
4502	150	LDR Biased	90.03	84.995	-5.0351
4503	150	LDR Biased	91.124	85.124	-5.9999
4504	150	LDR Biased	84.45	79.895	-4.5554
4505	150	LDR Unbiased	86.8	81.611	-5.1893
4506	150	LDR Unbiased	86.289	80.954	-5.3342
4507	150	LDR Unbiased	85.324	79.971	-5.3531
4508	150	LDR Unbiased	91.928	86.253	-5.6748
4509	150	LDR Unbiased	90.143	84.478	-5.6647

TID vs Post - Pre Exposure Delta

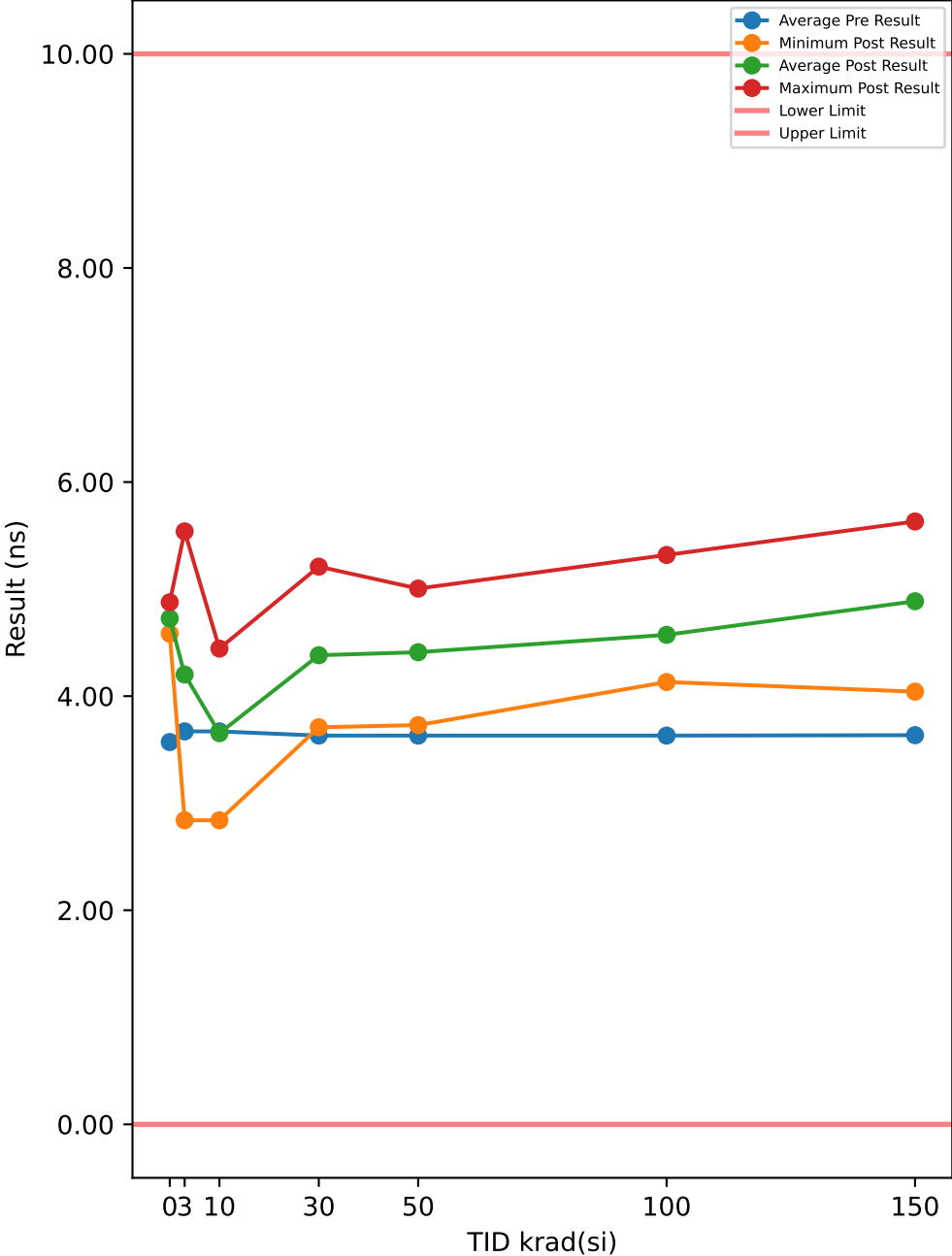


Test Statistics (ns)

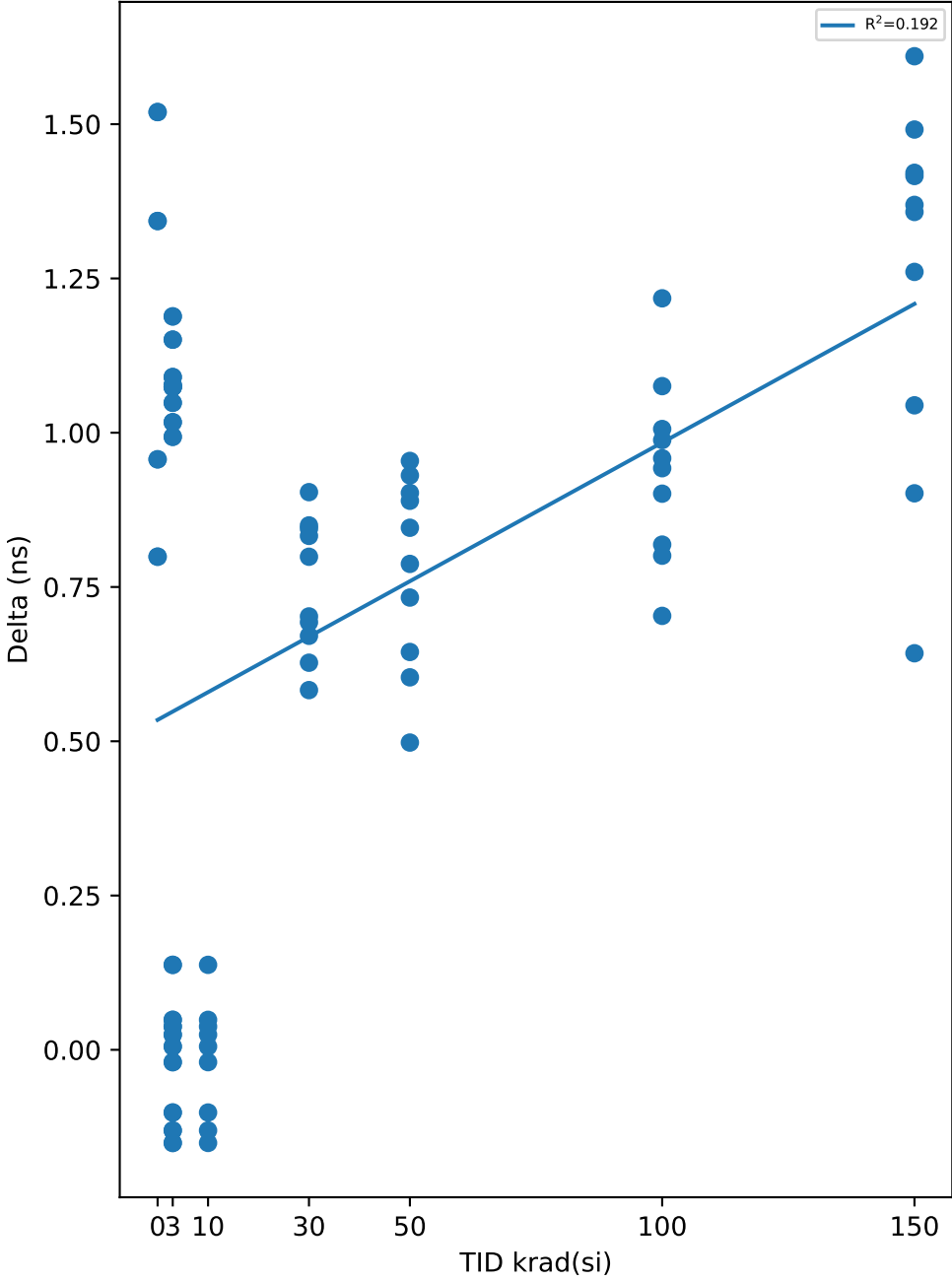
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	84.781	87.922	91.063	4.442	84.075	86.829	89.582	3.8938	-6.9878	-1.0935	4.8008	8.3358
3	85.839	88.33	91.446	1.9513	86.7	89.237	92.238	1.9396	0.7923	0.90719	1.0032	0.060473
10	85.839	88.33	91.446	1.9513	84.843	87.498	90.388	1.9064	-1.1239	-0.83242	-0.5401	0.19915
30	81.68	87.949	92.905	3.8165	80.879	86.573	91.26	3.5817	-1.9081	-1.3764	-0.801	0.30192
50	81.68	87.949	92.905	3.8165	79.799	85.579	90.312	3.6171	-2.8389	-2.3705	-1.8819	0.30696
100	81.68	87.949	92.905	3.8165	78.308	83.497	88.294	3.438	-5.2505	-4.4519	-3.3721	0.59142
150	83.221	88.053	91.928	3.1832	78.976	82.75	86.253	2.7243	-5.9999	-5.3025	-4.245	0.57449

Device Test: 97.19 DHL Dead Time Min 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

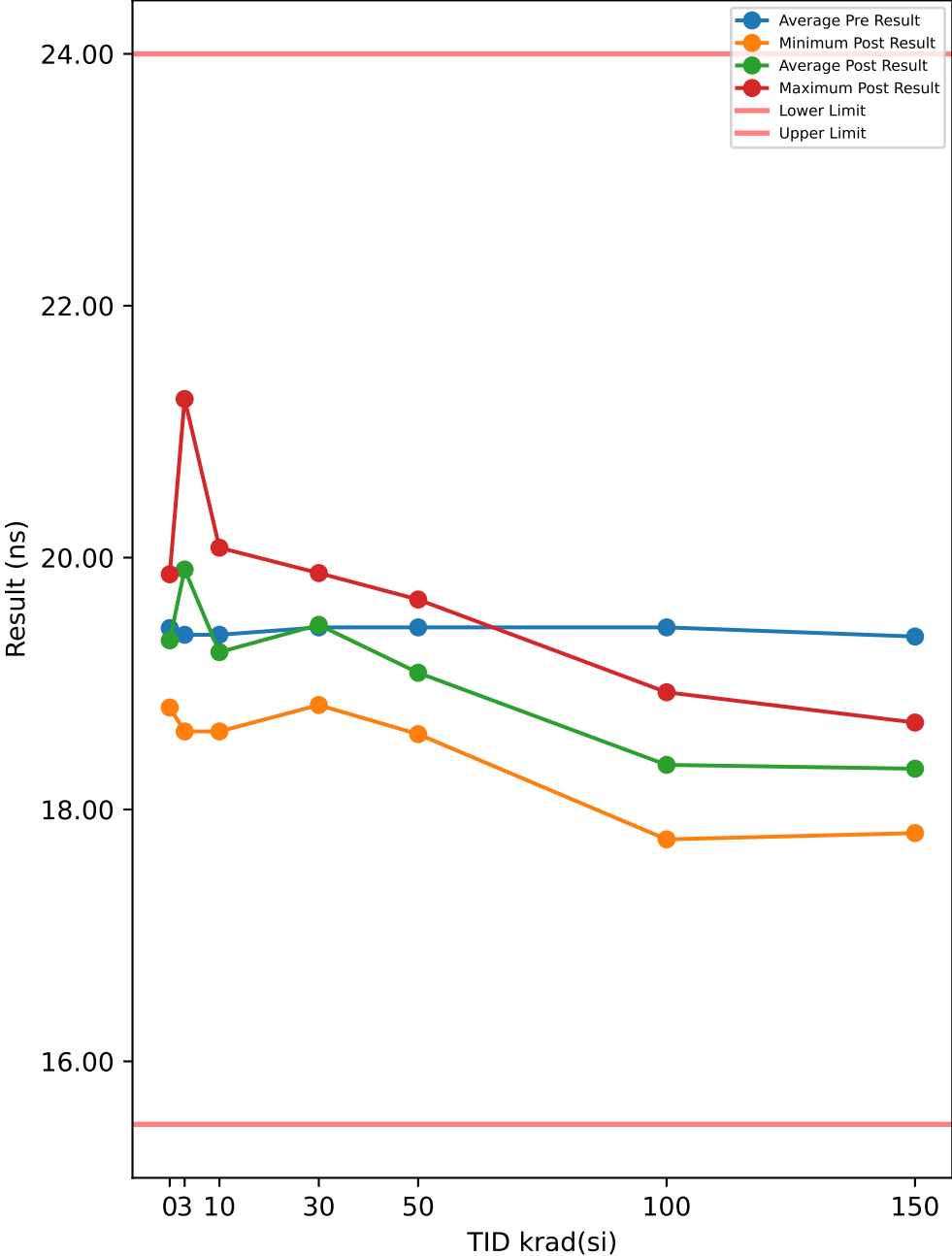
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.3572	4.7003	1.3431
2	0	CORRELATION	3.7848	4.5839	0.7991
259	3	LDR Biased	3.3386	4.4288	1.0902
426	3	LDR Biased	3.5065	4.5235	1.017
427	3	LDR Biased	4.5458	5.5392	0.9934
428	3	LDR Biased	3.8292	4.9033	1.0741
429	3	LDR Unbiased	2.8349	3.9121	1.0772
430	3	LDR Unbiased	3.7627	4.9512	1.1885
431	3	LDR Unbiased	4.011	5.0595	1.0485
432	3	LDR Unbiased	3.3878	4.5386	1.1508
433	3	LDR Unbiased	3.8194	4.8934	1.074
1259	10	LDR Biased	3.3386	3.2079	-0.1307
1426	10	LDR Biased	3.5065	3.5551	0.0486
1427	10	LDR Biased	4.5458	4.4442	-0.1016
1428	10	LDR Biased	3.8292	3.8092	-0.02
1429	10	LDR Unbiased	2.8349	2.8403	0.0054
1430	10	LDR Unbiased	3.7627	3.9004	0.1377
1431	10	LDR Unbiased	4.011	3.8601	-0.1509
1432	10	LDR Unbiased	3.3878	3.4255	0.0377
1433	10	LDR Unbiased	3.8194	3.8439	0.0245
2434	30	LDR Biased	3.126	3.7089	0.5829
2435	30	LDR Biased	4.3602	5.21	0.8498
2436	30	LDR Biased	3.3354	4.0377	0.7023
2437	30	LDR Biased	3.8853	4.7299	0.8446
2438	30	LDR Biased	3.8574	4.6564	0.799
2439	30	LDR Unbiased	3.4543	4.1252	0.6709
2440	30	LDR Unbiased	3.7297	4.357	0.6273
2441	30	LDR Unbiased	3.3572	4.2609	0.9037
2443	30	LDR Unbiased	3.7848	4.4777	0.6929
2444	30	LDR Unbiased	3.4242	4.257	0.8328
3434	50	LDR Biased	3.126	3.7296	0.6036
3435	50	LDR Biased	4.3602	5.0049	0.6447
3436	50	LDR Biased	3.3354	4.2251	0.8897
3437	50	LDR Biased	3.8853	4.7878	0.9025
3438	50	LDR Biased	3.8574	4.8117	0.9543
3439	50	LDR Unbiased	3.4543	4.3003	0.846
3440	50	LDR Unbiased	3.7297	4.5171	0.7874
3441	50	LDR Unbiased	3.3572	4.288	0.9308
3443	50	LDR Unbiased	3.7848	4.5177	0.7329
3444	50	LDR Unbiased	3.4242	3.9221	0.4979
4434	100	LDR Biased	3.126	4.132	1.006
4435	100	LDR Biased	4.3602	5.3188	0.9586
4436	100	LDR Biased	3.3354	4.4109	1.0755
4437	100	LDR Biased	3.8853	5.1031	1.2178
4438	100	LDR Biased	3.8574	4.7999	0.9425
4439	100	LDR Unbiased	3.4543	4.255	0.8007
4440	100	LDR Unbiased	3.7297	4.4329	0.7032
4441	100	LDR Unbiased	3.3572	4.2584	0.9012
4443	100	LDR Unbiased	3.7848	4.6035	0.8187
4444	100	LDR Unbiased	3.4242	4.4123	0.9881
4500	150	LDR Biased	3.6322	4.8928	1.2606
4501	150	LDR Biased	3.2538	4.675	1.4212
4502	150	LDR Biased	3.7673	5.1365	1.3692
4503	150	LDR Biased	3.9489	5.3649	1.416
4504	150	LDR Biased	4.1403	5.6316	1.4913
4505	150	LDR Unbiased	3.2669	4.877	1.6101
4506	150	LDR Unbiased	3.5727	4.9304	1.3577
4507	150	LDR Unbiased	4.2464	4.889	0.6426
4508	150	LDR Unbiased	3.1401	4.0419	0.9018
4509	150	LDR Unbiased	3.3833	4.4277	1.0444

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	3.3572	3.571	3.7848	0.30236	4.5839	4.6421	4.7003	0.082307	0.7991	1.0711	1.3431	0.38467
3	2.8349	3.6707	4.5458	0.48129	3.9121	4.75	5.5392	0.46157	0.9934	1.0793	1.1885	0.060646
10	2.8349	3.6707	4.5458	0.48129	2.8403	3.6541	4.4442	0.46245	-0.1509	-0.016589	0.1377	0.094521
30	3.126	3.6315	4.3602	0.36093	3.7089	4.3821	5.21	0.41627	0.5829	0.75062	0.9037	0.10881
50	3.126	3.6315	4.3602	0.36093	3.7296	4.4104	5.0049	0.40044	0.4979	0.77898	0.9543	0.15484
100	3.126	3.6315	4.3602	0.36093	4.132	4.5727	5.3188	0.38815	0.7032	0.94123	1.2178	0.14691
150	3.1401	3.6352	4.2464	0.3856	4.0419	4.8867	5.6316	0.44934	0.6426	1.2515	1.6101	0.29872

Device Test: 97.2 DLH Dead Time Mid 500kHz VIN_14V

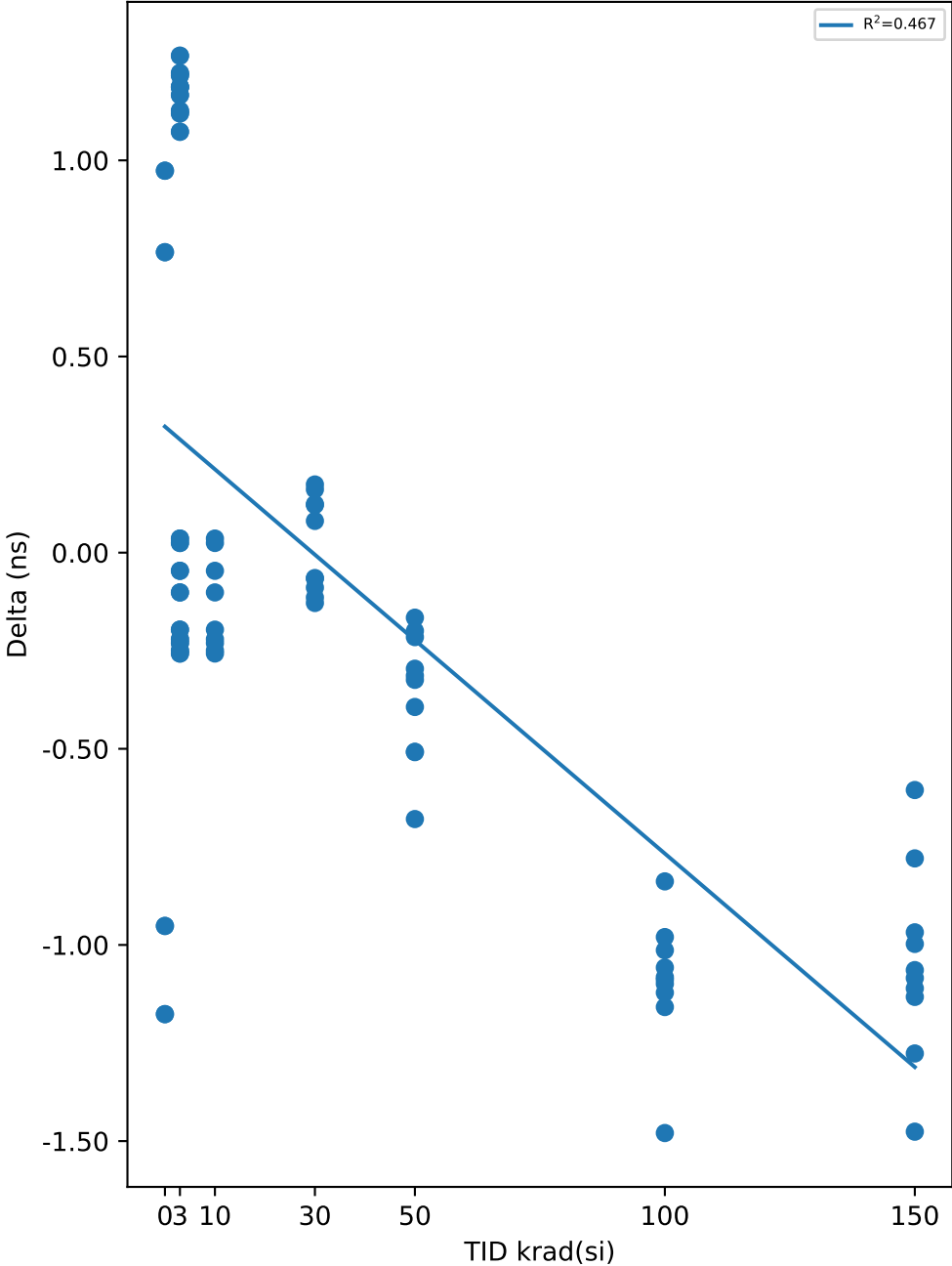
TID vs Result Stats



Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.986	18.81	-1.1764
2	0	CORRELATION	18.894	19.66	0.7659
259	3	LDR Biased	19.267	20.455	1.1876
426	3	LDR Biased	19.506	20.728	1.2226
427	3	LDR Biased	19.411	20.678	1.2667
428	3	LDR Biased	18.944	20.017	1.0729
429	3	LDR Unbiased	18.816	19.936	1.1197
430	3	LDR Unbiased	19.82	20.947	1.1266
431	3	LDR Unbiased	20.043	21.259	1.2165
432	3	LDR Unbiased	19.329	20.495	1.1664
433	3	LDR Unbiased	19.349	20.535	1.1863
1259	10	LDR Biased	19.267	19.221	-0.0463
1426	10	LDR Biased	19.506	19.275	-0.2304
1427	10	LDR Biased	19.411	19.436	0.0247
1428	10	LDR Biased	18.944	18.695	-0.2495
1429	10	LDR Unbiased	18.816	18.62	-0.1963
1430	10	LDR Unbiased	19.82	19.563	-0.2571
1431	10	LDR Unbiased	20.043	20.079	0.0359
1432	10	LDR Unbiased	19.329	19.227	-0.1014
1433	10	LDR Unbiased	19.349	19.128	-0.2205
2434	30	LDR Biased	18.987	19.111	0.1237
2435	30	LDR Biased	19.991	19.877	-0.1143
2436	30	LDR Biased	19.024	19.198	0.1738
2437	30	LDR Biased	19.58	19.514	-0.0658
2438	30	LDR Biased	19.877	19.788	-0.0891
2439	30	LDR Unbiased	19.467	19.628	0.1612
2440	30	LDR Unbiased	19.769	19.85	0.0809
2441	30	LDR Unbiased	19.986	19.858	-0.1283
2443	30	LDR Unbiased	18.894	18.829	-0.0648
2444	30	LDR Unbiased	18.884	19.006	0.1215
3434	50	LDR Biased	18.987	18.772	-0.2153
3435	50	LDR Biased	19.991	19.667	-0.3242
3436	50	LDR Biased	19.024	18.711	-0.3138
3437	50	LDR Biased	19.58	19.071	-0.5085
3438	50	LDR Biased	19.877	19.198	-0.6791
3439	50	LDR Unbiased	19.467	19.073	-0.3934
3440	50	LDR Unbiased	19.769	19.569	-0.1994
3441	50	LDR Unbiased	19.986	19.479	-0.5076
3443	50	LDR Unbiased	18.894	18.598	-0.2959
3444	50	LDR Unbiased	18.884	18.718	-0.1658
4434	100	LDR Biased	18.987	17.898	-1.0889
4435	100	LDR Biased	19.991	18.909	-1.0823
4436	100	LDR Biased	19.024	18.044	-0.98
4437	100	LDR Biased	19.58	18.522	-1.0577
4438	100	LDR Biased	19.877	18.398	-1.4795
4439	100	LDR Unbiased	19.467	18.308	-1.1583
4440	100	LDR Unbiased	19.769	18.931	-0.838
4441	100	LDR Unbiased	19.986	18.887	-1.0991
4443	100	LDR Unbiased	18.894	17.881	-1.0135
4444	100	LDR Unbiased	18.884	17.763	-1.1217
4500	150	LDR Biased	19.162	18.383	-0.7794
4501	150	LDR Biased	19.626	18.349	-1.2767
4502	150	LDR Biased	19.547	18.414	-1.1325
4503	150	LDR Biased	19.995	18.519	-1.476
4504	150	LDR Biased	19.103	18.018	-1.0844
4505	150	LDR Unbiased	19.576	18.579	-0.9974
4506	150	LDR Unbiased	19.106	18.042	-1.0642
4507	150	LDR Unbiased	18.923	17.812	-1.1107
4508	150	LDR Unbiased	19.296	18.69	-0.6051
4509	150	LDR Unbiased	19.399	18.432	-0.9679

TID vs Post - Pre Exposure Delta

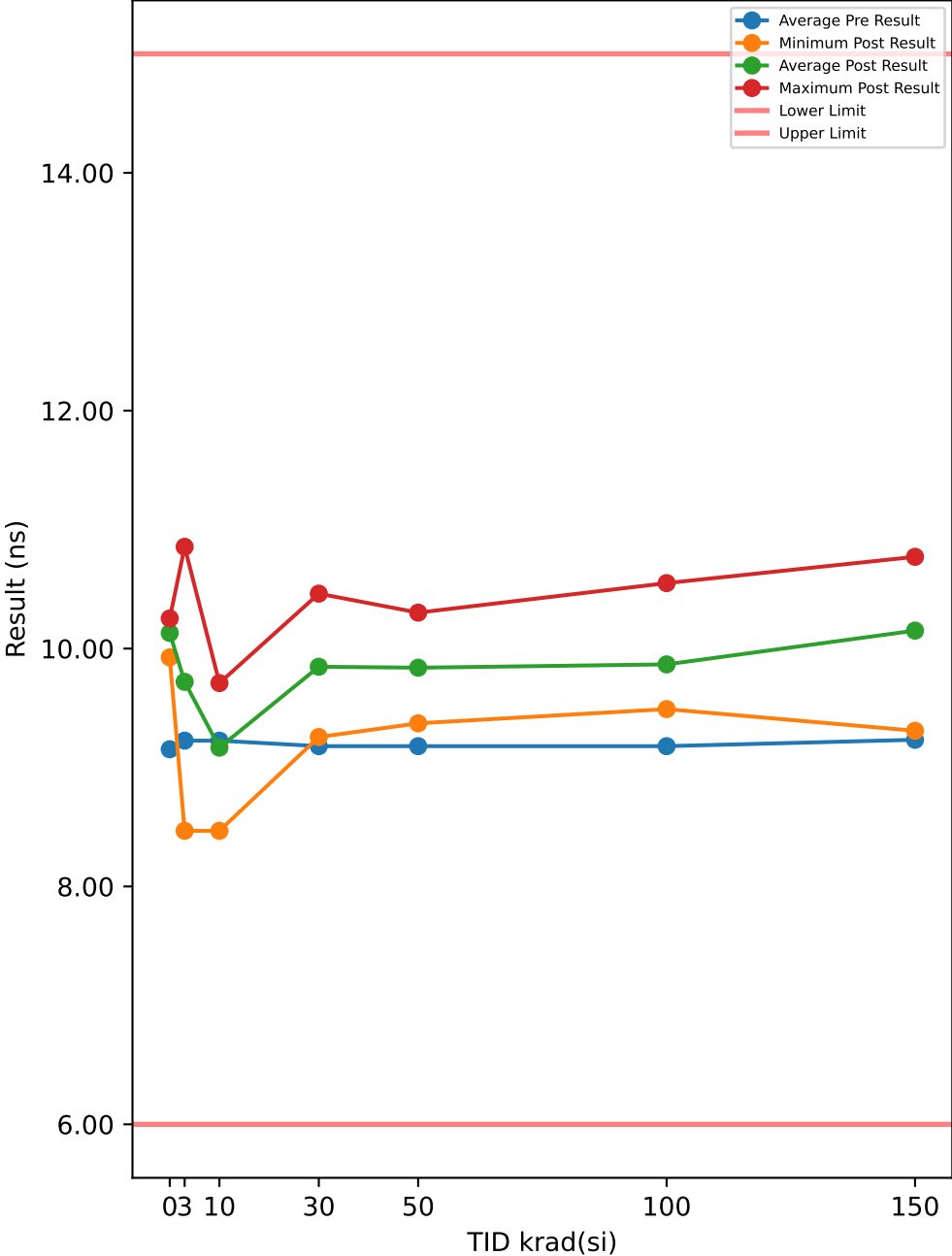


Test Statistics (ns)

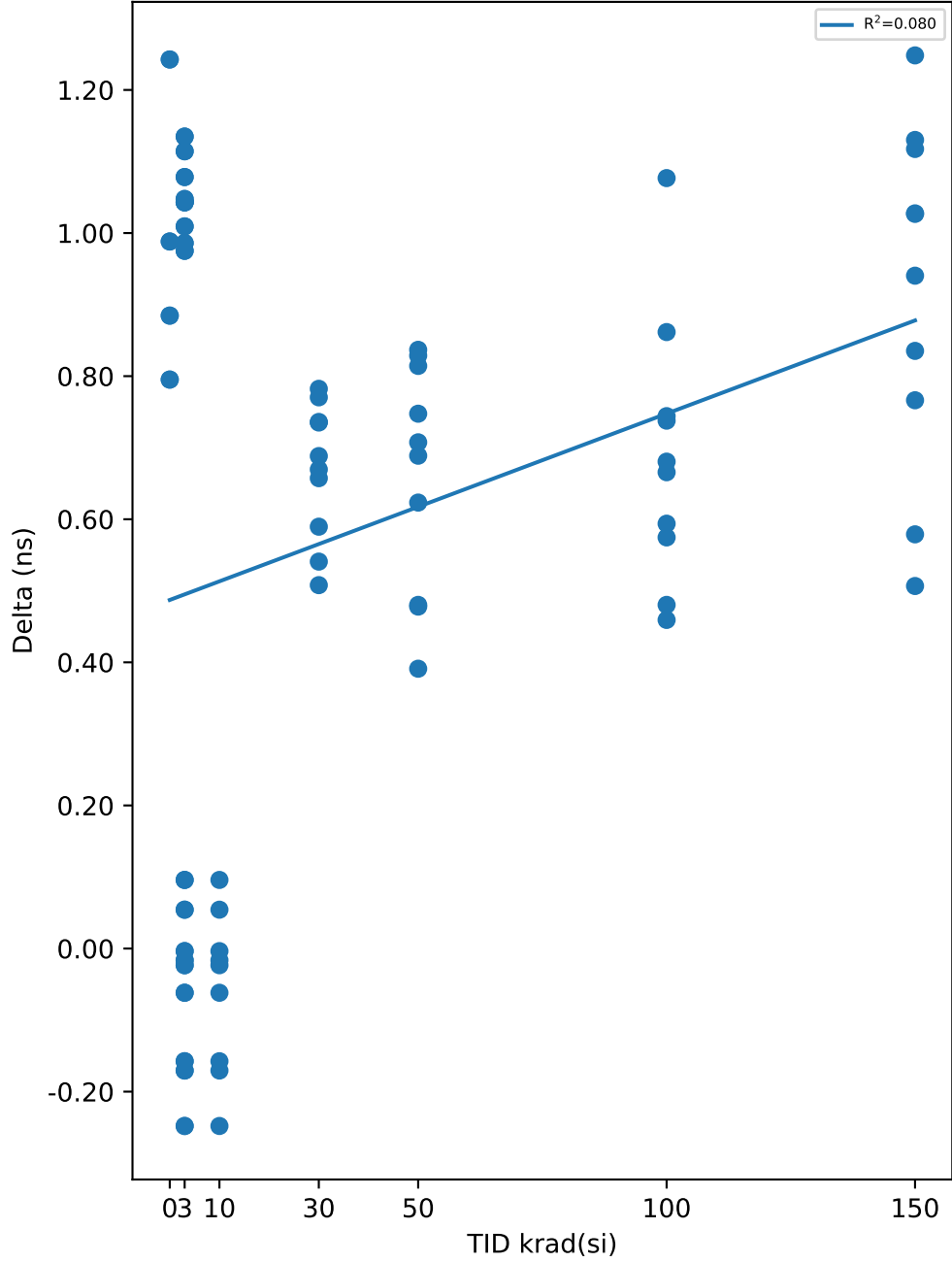
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.894	19.44	19.986	0.77216	18.81	19.235	19.66	0.60125	-1.1764	-0.20525	0.7659	1.3734
3	18.816	19.387	20.043	0.38307	19.936	20.561	21.259	0.41555	1.0729	1.1739	1.2667	0.059762
10	18.816	19.387	20.043	0.38307	18.62	19.249	20.079	0.43904	-0.2571	-0.13788	0.0359	0.11823
30	18.884	19.446	19.991	0.46018	18.829	19.466	19.877	0.39678	-0.1283	0.01988	0.1738	0.1224
50	18.884	19.446	19.991	0.46018	18.598	19.086	19.667	0.38745	-0.6791	-0.3603	-0.1658	0.16287
100	18.884	19.446	19.991	0.46018	17.763	18.354	18.931	0.45149	-1.4795	-1.0919	-0.838	0.16329
150	18.923	19.373	19.995	0.31963	17.812	18.324	18.69	0.278	-1.476	-1.0494	-0.6051	0.24162

Device Test: 97.20 DHL Dead Time Small 500kHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

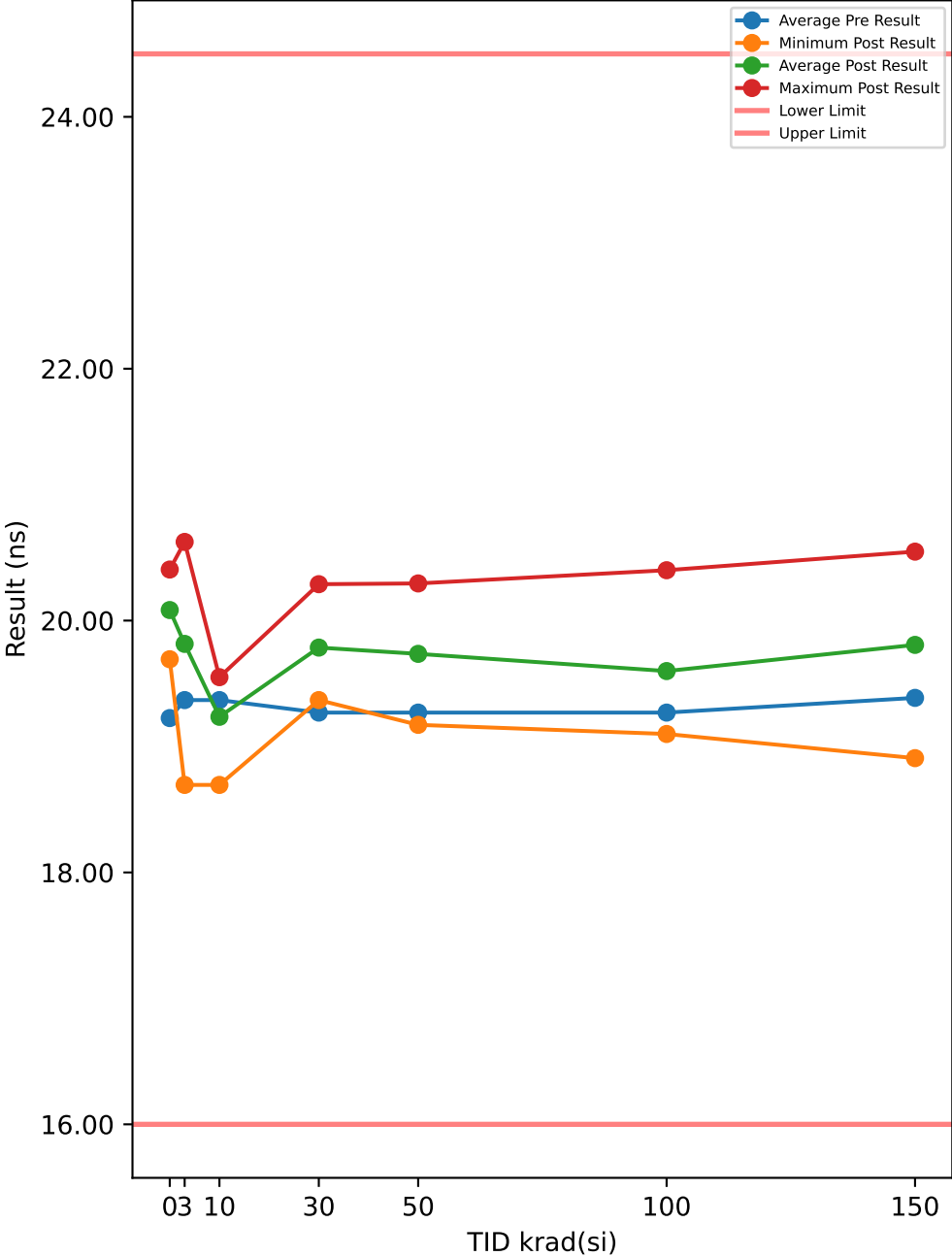
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	8.938	9.9262	0.9882
2	0	CORRELATION	9.3687	10.164	0.7952
259	3	LDR Biased	9.0988	10.146	1.0476
426	3	LDR Biased	9.0938	10.137	1.0428
427	3	LDR Biased	9.8804	10.856	0.9752
428	3	LDR Biased	9.3694	10.448	1.0783
429	3	LDR Unbiased	8.4712	9.606	1.1348
430	3	LDR Unbiased	9.302	10.416	1.1143
431	3	LDR Unbiased	9.3703	10.38	1.0093
432	3	LDR Unbiased	9.0895	10.133	1.0434
433	3	LDR Unbiased	9.3574	10.343	0.986
1259	10	LDR Biased	9.0988	8.9413	-0.1575
1426	10	LDR Biased	9.0938	9.1897	0.0959
1427	10	LDR Biased	9.8804	9.7099	-0.1705
1428	10	LDR Biased	9.3694	9.4237	0.0543
1429	10	LDR Unbiased	8.4712	8.4676	-0.0036
1430	10	LDR Unbiased	9.302	9.2857	-0.0163
1431	10	LDR Unbiased	9.3703	9.1223	-0.248
1432	10	LDR Unbiased	9.0895	9.0277	-0.0618
1433	10	LDR Unbiased	9.3574	9.3341	-0.0233
2434	30	LDR Biased	8.7482	9.2561	0.5079
2435	30	LDR Biased	9.7922	10.462	0.6696
2436	30	LDR Biased	8.9121	9.5017	0.5896
2437	30	LDR Biased	9.4735	10.244	0.7704
2438	30	LDR Biased	9.439	10.221	0.7823
2439	30	LDR Unbiased	8.8973	9.6333	0.736
2440	30	LDR Unbiased	9.1833	9.8407	0.6574
2441	30	LDR Unbiased	8.938	9.6263	0.6883
2443	30	LDR Unbiased	9.3687	9.9095	0.5408
2444	30	LDR Unbiased	9.0426	9.7778	0.7352
3434	50	LDR Biased	8.7482	9.3715	0.6233
3435	50	LDR Biased	9.7922	10.183	0.3911
3436	50	LDR Biased	8.9121	9.6596	0.7475
3437	50	LDR Biased	9.4735	10.302	0.8287
3438	50	LDR Biased	9.439	10.253	0.8143
3439	50	LDR Unbiased	8.8973	9.5861	0.6888
3440	50	LDR Unbiased	9.1833	9.8908	0.7075
3441	50	LDR Unbiased	8.938	9.7748	0.8368
3443	50	LDR Unbiased	9.3687	9.849	0.4803
3444	50	LDR Unbiased	9.0426	9.5205	0.4779
4434	100	LDR Biased	8.7482	9.4923	0.7441
4435	100	LDR Biased	9.7922	10.473	0.6805
4436	100	LDR Biased	8.9121	9.7737	0.8616
4437	100	LDR Biased	9.4735	10.55	1.0768
4438	100	LDR Biased	9.439	10.105	0.6657
4439	100	LDR Unbiased	8.8973	9.4911	0.5938
4440	100	LDR Unbiased	9.1833	9.6636	0.4803
4441	100	LDR Unbiased	8.938	9.5126	0.5746
4443	100	LDR Unbiased	9.3687	9.828	0.4593
4444	100	LDR Unbiased	9.0426	9.7804	0.7378
4500	150	LDR Biased	9.3327	10.168	0.8353
4501	150	LDR Biased	8.8881	10.006	1.1175
4502	150	LDR Biased	9.201	10.331	1.1301
4503	150	LDR Biased	9.6224	10.65	1.0275
4504	150	LDR Biased	9.8311	10.771	0.9404
4505	150	LDR Unbiased	8.9013	10.15	1.2483
4506	150	LDR Unbiased	9.2104	10.237	1.0268
4507	150	LDR Unbiased	9.673	10.18	0.5067
4508	150	LDR Unbiased	8.7299	9.3088	0.5789
4509	150	LDR Unbiased	8.9421	9.7084	0.7663

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	8.938	9.1533	9.3687	0.30455	9.9262	10.045	10.164	0.16808	0.7952	0.8917	0.9882	0.13647
3	8.4712	9.2259	9.8804	0.37328	9.606	10.274	10.856	0.33652	0.9752	1.048	1.1348	0.054242
10	8.4712	9.2259	9.8804	0.37328	8.4676	9.1669	9.7099	0.34725	-0.248	-0.058978	0.0959	0.11228
30	8.7482	9.1795	9.7922	0.32985	9.2561	9.8472	10.462	0.37225	0.5079	0.66775	0.7823	0.094971
50	8.7482	9.1795	9.7922	0.32985	9.3715	9.8391	10.302	0.32107	0.3911	0.65962	0.8368	0.16103
100	8.7482	9.1795	9.7922	0.32985	9.4911	9.8669	10.55	0.38825	0.4593	0.68745	1.0768	0.18399
150	8.7299	9.2332	9.8311	0.37729	9.3088	10.151	10.771	0.4218	0.5067	0.91778	1.2483	0.24318

Device Test: 97.21 DHL Dead Time Mid 500kHz VIN_14V

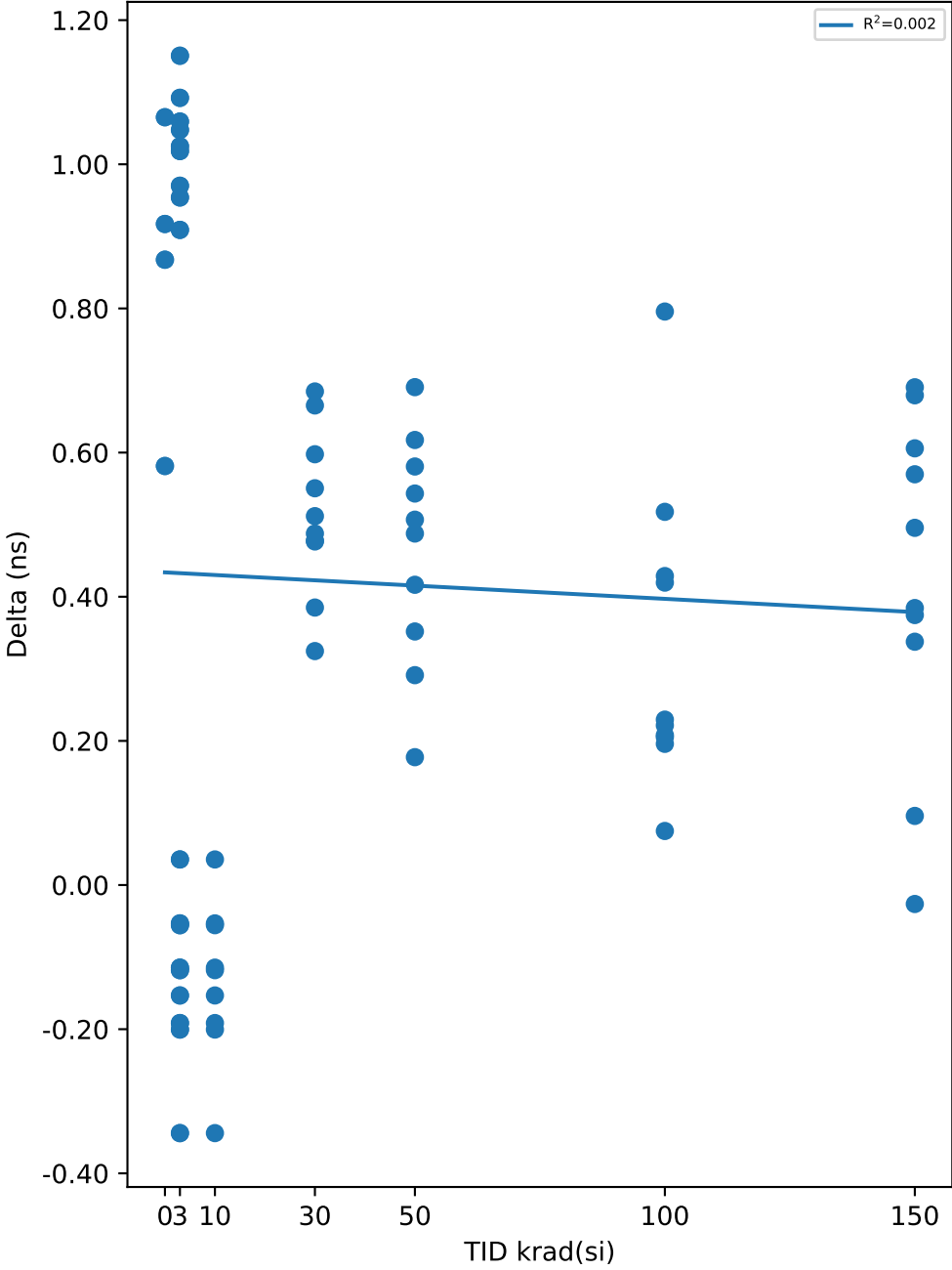
TID vs Result Stats



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.112	19.693	0.5814
2	0	CORRELATION	19.34	20.257	0.9172
259	3	LDR Biased	19.441	20.466	1.025
426	3	LDR Biased	19.44	20.5	1.0593
427	3	LDR Biased	19.607	20.577	0.9702
428	3	LDR Biased	19.606	20.625	1.0184
429	3	LDR Unbiased	18.813	19.905	1.0922
430	3	LDR Unbiased	19.355	20.506	1.1506
431	3	LDR Unbiased	19.22	20.129	0.909
432	3	LDR Unbiased	19.32	20.367	1.0477
433	3	LDR Unbiased	19.515	20.469	0.954
1259	10	LDR Biased	19.441	19.241	-0.2005
1426	10	LDR Biased	19.44	19.476	0.0355
1427	10	LDR Biased	19.607	19.454	-0.1532
1428	10	LDR Biased	19.606	19.551	-0.0557
1429	10	LDR Unbiased	18.813	18.695	-0.1181
1430	10	LDR Unbiased	19.355	19.302	-0.0532
1431	10	LDR Unbiased	19.22	18.876	-0.3442
1432	10	LDR Unbiased	19.32	19.205	-0.1146
1433	10	LDR Unbiased	19.515	19.324	-0.1915
2434	30	LDR Biased	18.881	19.369	0.4877
2435	30	LDR Biased	19.543	20.055	0.5118
2436	30	LDR Biased	19.088	19.413	0.3246
2437	30	LDR Biased	19.604	20.289	0.6848
2438	30	LDR Biased	19.562	20.16	0.5977
2439	30	LDR Unbiased	18.894	19.56	0.6654
2440	30	LDR Unbiased	19.259	19.737	0.478
2441	30	LDR Unbiased	19.112	19.588	0.4767
2443	30	LDR Unbiased	19.34	19.891	0.5505
2444	30	LDR Unbiased	19.411	19.796	0.385
3434	50	LDR Biased	18.881	19.172	0.2912
3435	50	LDR Biased	19.543	19.96	0.4166
3436	50	LDR Biased	19.088	19.631	0.5432
3437	50	LDR Biased	19.604	20.295	0.6908
3438	50	LDR Biased	19.562	20.142	0.5807
3439	50	LDR Unbiased	18.894	19.401	0.5069
3440	50	LDR Unbiased	19.259	19.747	0.4877
3441	50	LDR Unbiased	19.112	19.729	0.6175
3443	50	LDR Unbiased	19.34	19.692	0.3518
3444	50	LDR Unbiased	19.411	19.588	0.1774
4434	100	LDR Biased	18.881	19.3	0.4196
4435	100	LDR Biased	19.543	19.972	0.4287
4436	100	LDR Biased	19.088	19.606	0.5178
4437	100	LDR Biased	19.604	20.4	0.7957
4438	100	LDR Biased	19.562	19.77	0.208
4439	100	LDR Unbiased	18.894	19.099	0.2052
4440	100	LDR Unbiased	19.259	19.334	0.075
4441	100	LDR Unbiased	19.112	19.333	0.2215
4443	100	LDR Unbiased	19.34	19.536	0.1959
4444	100	LDR Unbiased	19.411	19.64	0.2295
4500	150	LDR Biased	19.649	19.987	0.3376
4501	150	LDR Biased	19.233	19.729	0.4956
4502	150	LDR Biased	19.198	19.582	0.3843
4503	150	LDR Biased	19.942	20.547	0.6059
4504	150	LDR Biased	19.776	20.345	0.5699
4505	150	LDR Unbiased	19.118	19.809	0.6906
4506	150	LDR Unbiased	19.302	19.982	0.6795
4507	150	LDR Unbiased	19.709	19.682	-0.0263
4508	150	LDR Unbiased	18.812	18.908	0.0959
4509	150	LDR Unbiased	19.124	19.499	0.3746

TID vs Post - Pre Exposure Delta

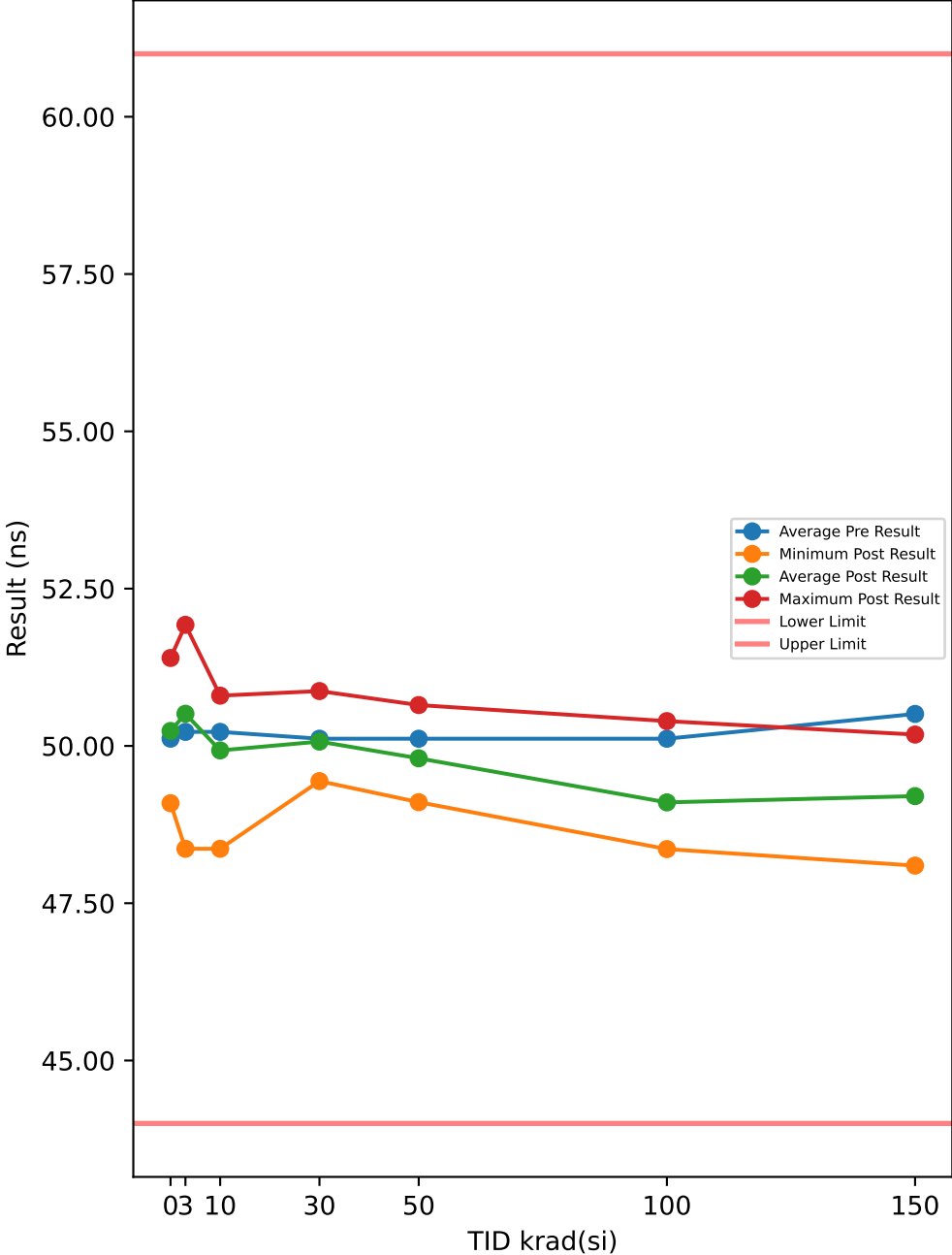


Test Statistics (ns)

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	19.112	19.226	19.34	0.16157	19.693	19.975	20.257	0.39902	0.5814	0.7493	0.9172	0.23745
3	18.813	19.369	19.607	0.24454	19.905	20.394	20.625	0.23208	0.909	1.0252	1.1506	0.073762
10	18.813	19.369	19.607	0.24454	18.695	19.236	19.551	0.28265	-0.3442	-0.13283	0.0355	0.10856
30	18.881	19.269	19.604	0.26815	19.369	19.786	20.289	0.31308	0.3246	0.51622	0.6848	0.11367
50	18.881	19.269	19.604	0.26815	19.172	19.736	20.295	0.33212	0.1774	0.46638	0.6908	0.15779
100	18.881	19.269	19.604	0.26815	19.099	19.599	20.4	0.37934	0.075	0.32969	0.7957	0.2122
150	18.812	19.386	19.942	0.36051	18.908	19.807	20.547	0.45672	-0.0263	0.42076	0.6906	0.23983

Device Test: 97.22 DHL Dead Time Large 500kHz VIN_14V

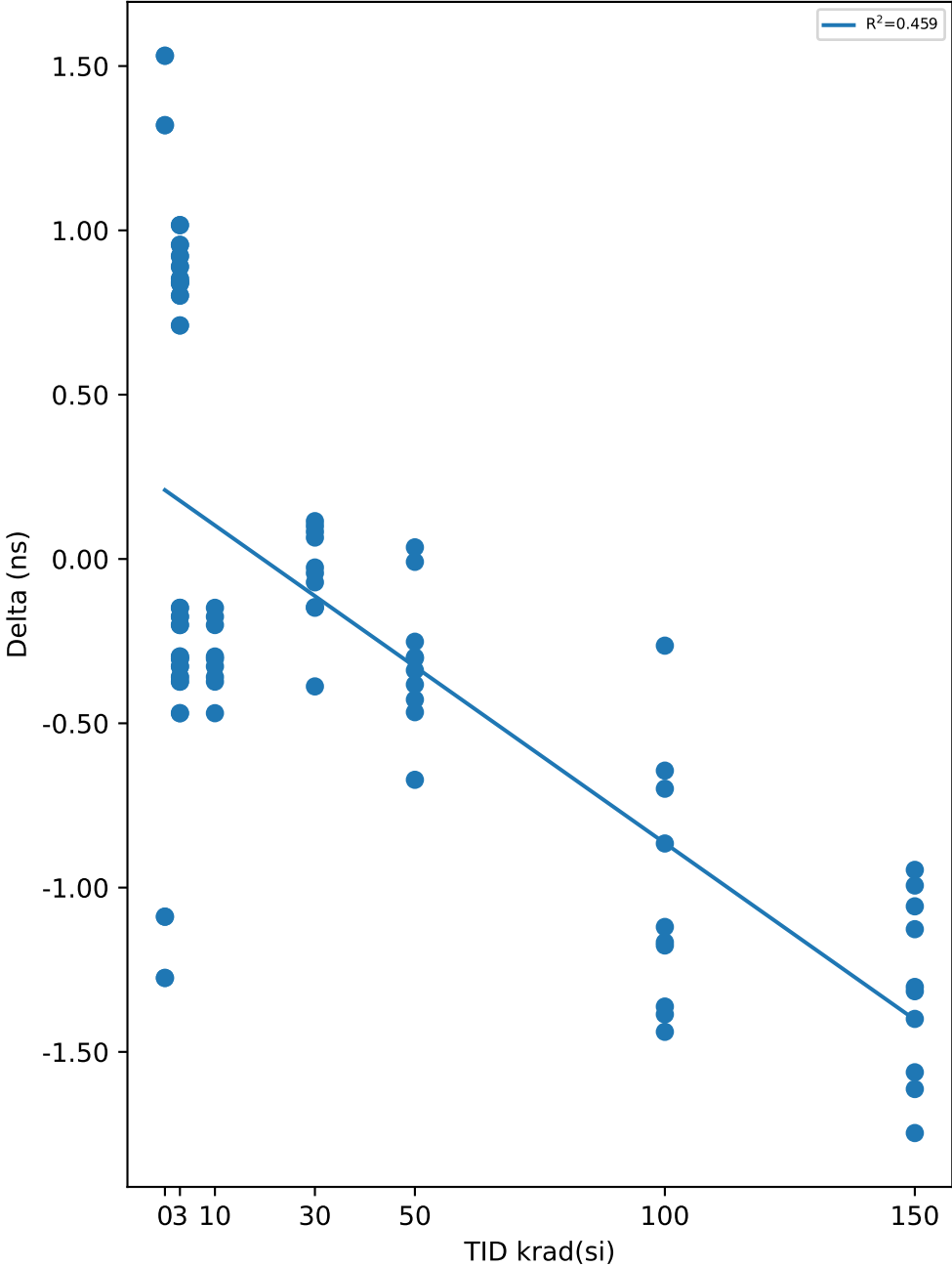
TID vs Result Stats



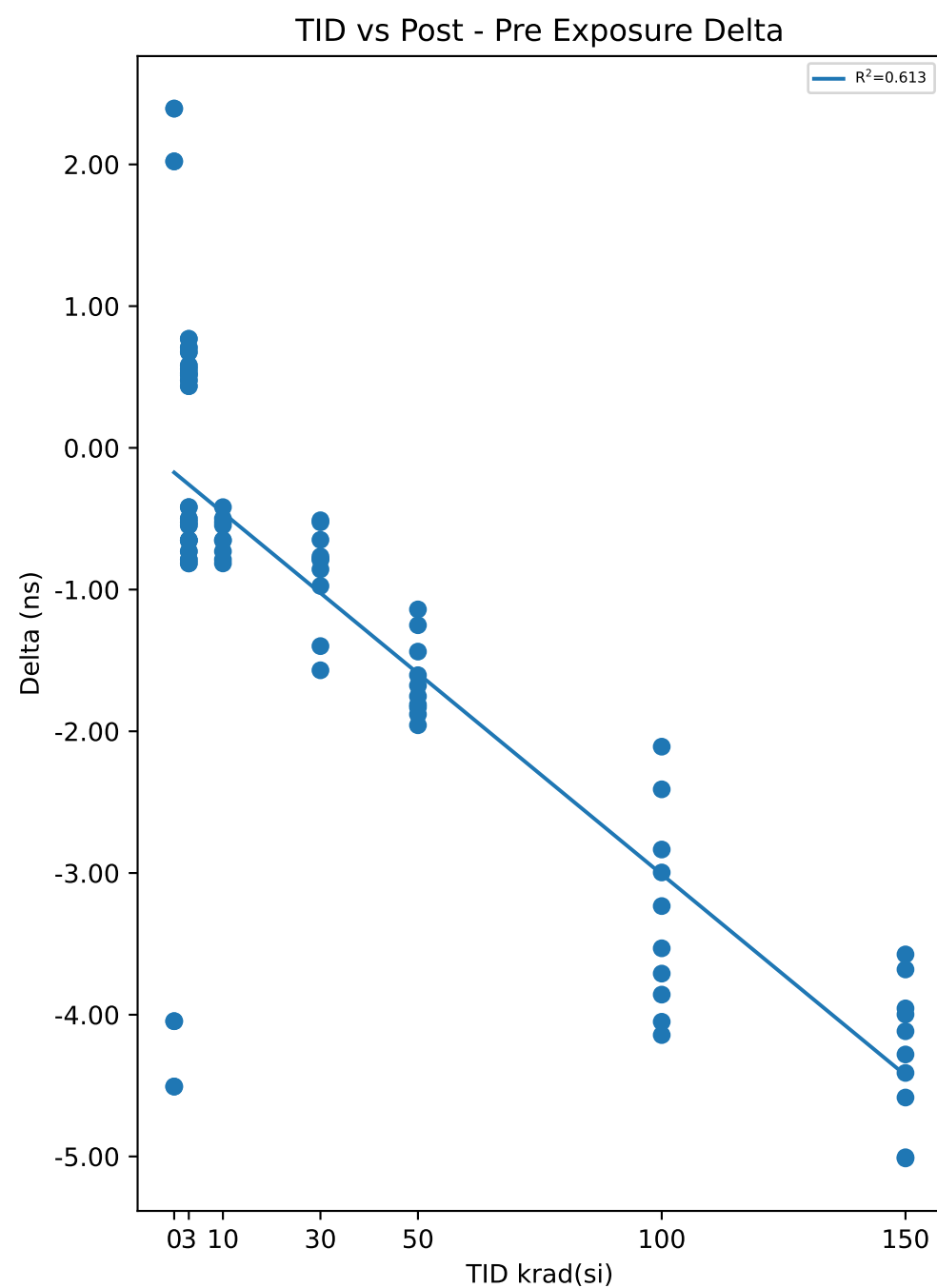
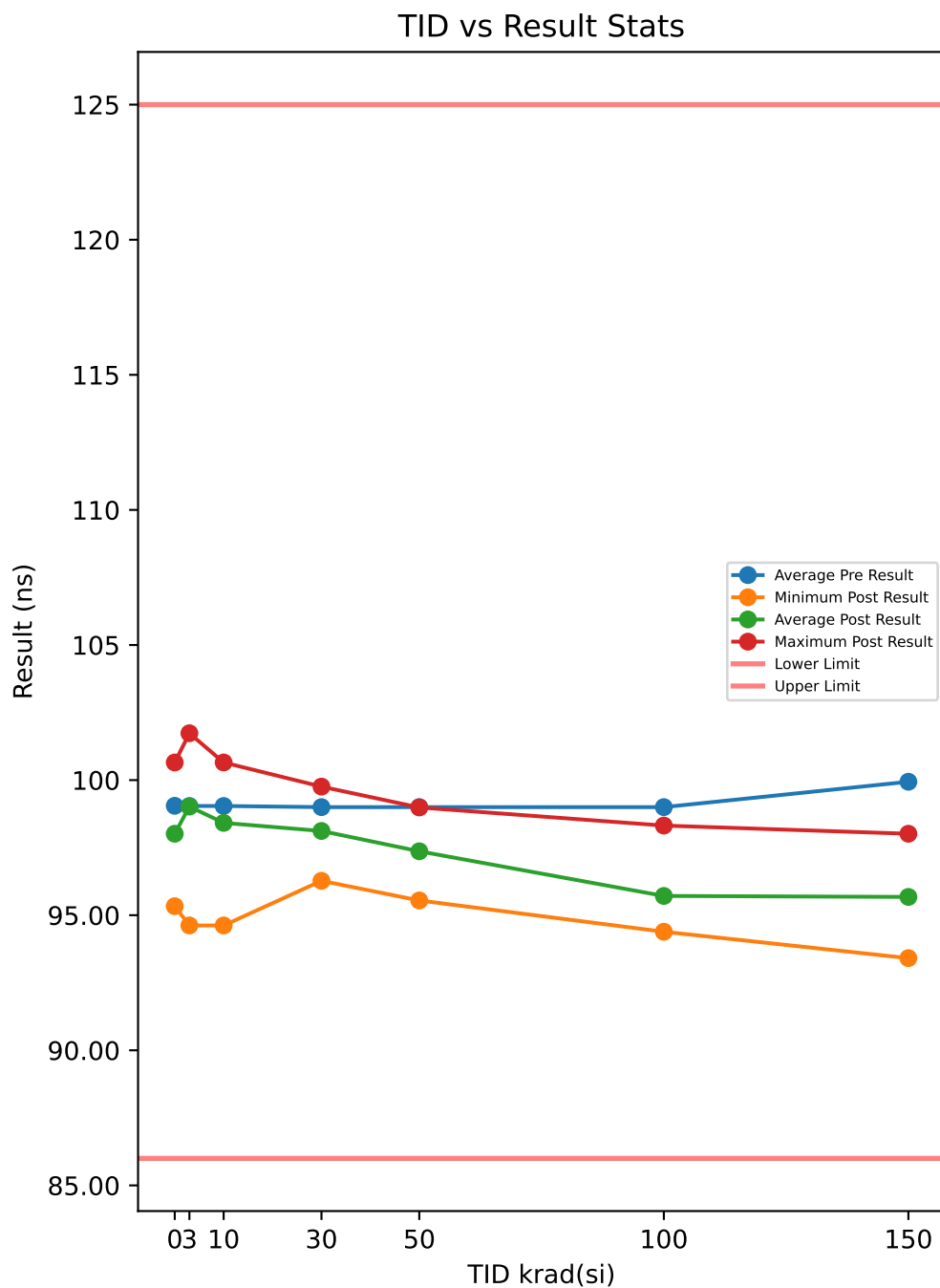
Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	50.364	49.09	-1.2749
2	0	CORRELATION	49.867	51.187	1.3201
259	3	LDR Biased	50.909	51.925	1.016
426	3	LDR Biased	50.947	51.837	0.8895
427	3	LDR Biased	49.212	49.923	0.7107
428	3	LDR Biased	50.776	51.732	0.9559
429	3	LDR Unbiased	50.246	51.168	0.9216
430	3	LDR Unbiased	49.977	50.816	0.8388
431	3	LDR Unbiased	48.835	49.636	0.8015
432	3	LDR Unbiased	50.708	51.56	0.8526
433	3	LDR Unbiased	50.401	51.244	0.843
1259	10	LDR Biased	50.909	50.612	-0.2968
1426	10	LDR Biased	50.947	50.799	-0.1486
1427	10	LDR Biased	49.212	48.839	-0.3733
1428	10	LDR Biased	50.776	50.575	-0.201
1429	10	LDR Unbiased	50.246	49.919	-0.327
1430	10	LDR Unbiased	49.977	49.801	-0.1755
1431	10	LDR Unbiased	48.835	48.365	-0.4693
1432	10	LDR Unbiased	50.708	50.404	-0.3036
1433	10	LDR Unbiased	50.401	50.041	-0.3592
2434	30	LDR Biased	50.049	49.978	-0.071
2435	30	LDR Biased	49.358	49.441	0.083
2436	30	LDR Biased	49.981	49.938	-0.0428
2437	30	LDR Biased	50.658	50.723	0.0652
2438	30	LDR Biased	50.529	50.381	-0.1484
2439	30	LDR Unbiased	49.527	49.501	-0.026
2440	30	LDR Unbiased	50.057	49.669	-0.3878
2441	30	LDR Unbiased	50.364	50.218	-0.1465
2443	30	LDR Unbiased	49.867	49.967	0.1003
2444	30	LDR Unbiased	50.757	50.872	0.1151
3434	50	LDR Biased	50.049	49.583	-0.4662
3435	50	LDR Biased	49.358	49.106	-0.2518
3436	50	LDR Biased	49.981	50.016	0.0354
3437	50	LDR Biased	50.658	50.65	-0.0087
3438	50	LDR Biased	50.529	50.227	-0.3021
3439	50	LDR Unbiased	49.527	49.227	-0.2992
3440	50	LDR Unbiased	50.057	49.718	-0.3388
3441	50	LDR Unbiased	50.364	49.982	-0.3822
3443	50	LDR Unbiased	49.867	49.439	-0.4279
3444	50	LDR Unbiased	50.757	50.085	-0.672
4434	100	LDR Biased	50.049	48.929	-1.1198
4435	100	LDR Biased	49.358	48.714	-0.6441
4436	100	LDR Biased	49.981	49.282	-0.6991
4437	100	LDR Biased	50.658	50.394	-0.2638
4438	100	LDR Biased	50.529	49.167	-1.362
4439	100	LDR Unbiased	49.527	48.36	-1.1663
4440	100	LDR Unbiased	50.057	48.618	-1.4389
4441	100	LDR Unbiased	50.364	48.979	-1.3858
4443	100	LDR Unbiased	49.867	49.001	-0.8658
4444	100	LDR Unbiased	50.757	49.581	-1.1761
4500	150	LDR Biased	51.237	50.181	-1.057
4501	150	LDR Biased	50.907	49.345	-1.562
4502	150	LDR Biased	50.198	48.895	-1.3024
4503	150	LDR Biased	51.468	50.153	-1.3153
4504	150	LDR Biased	50.413	49.419	-0.9937
4505	150	LDR Unbiased	50.38	49.434	-0.9461
4506	150	LDR Unbiased	50.254	49.127	-1.1266
4507	150	LDR Unbiased	50.291	48.544	-1.7469
4508	150	LDR Unbiased	49.711	48.098	-1.613
4509	150	LDR Unbiased	50.224	48.824	-1.3996

TID vs Post - Pre Exposure Delta



Device Test: 97.23 DHL Dead Time Max 500kHz VIN_14V



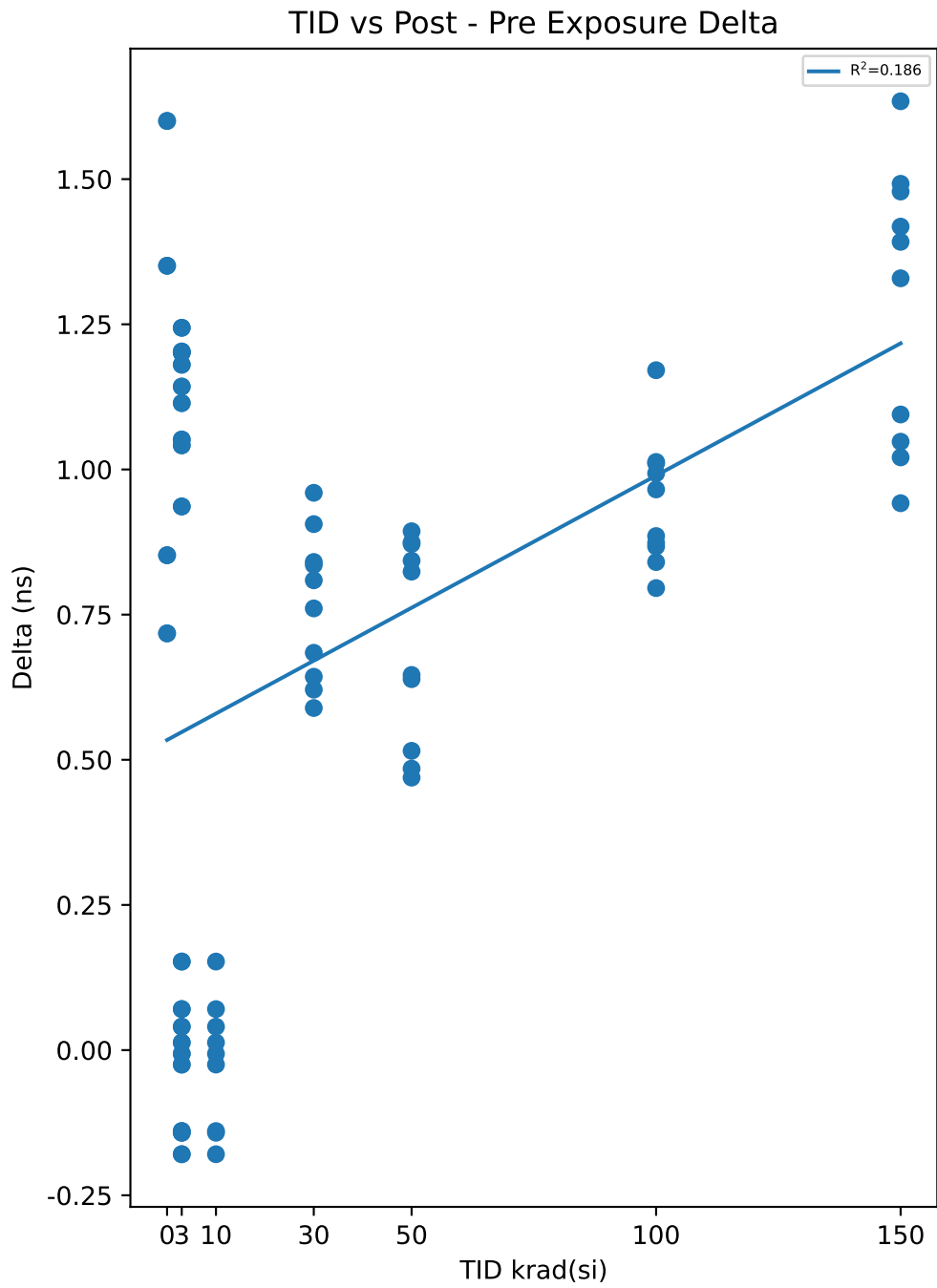
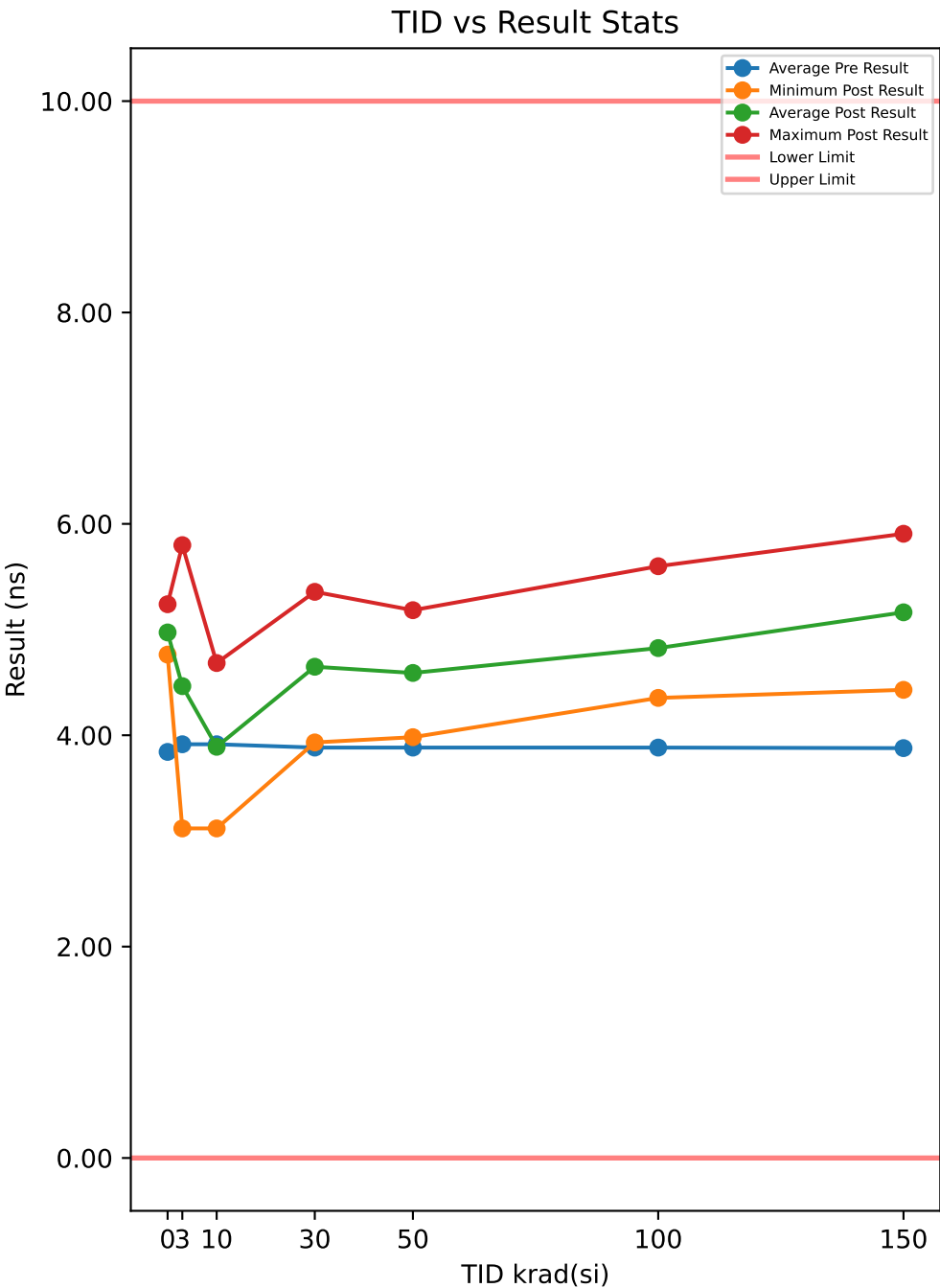
Test Results (Lower Limit = 86.0,
Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	99.84	95.333	-4.5068
2	0	CORRELATION	98.258	100.28	2.0214
259	3	LDR Biased	100.77	101.54	0.7693
426	3	LDR Biased	101.18	101.73	0.5562
427	3	LDR Biased	95.749	96.184	0.4354
428	3	LDR Biased	100.05	100.73	0.6758
429	3	LDR Unbiased	99.497	100.21	0.7083
430	3	LDR Unbiased	97.98	98.456	0.4763
431	3	LDR Unbiased	95.407	95.99	0.5821
432	3	LDR Unbiased	100.82	101.35	0.527
433	3	LDR Unbiased	99.921	100.43	0.5128
1259	10	LDR Biased	100.77	100.27	-0.4991
1426	10	LDR Biased	101.18	100.65	-0.5253
1427	10	LDR Biased	95.749	95.018	-0.7303
1428	10	LDR Biased	100.05	99.505	-0.5473
1429	10	LDR Unbiased	99.497	98.843	-0.6543
1430	10	LDR Unbiased	97.98	97.561	-0.4183
1431	10	LDR Unbiased	95.407	94.62	-0.7878
1432	10	LDR Unbiased	100.82	100.17	-0.6506
1433	10	LDR Unbiased	99.921	99.106	-0.8154
2434	30	LDR Biased	98.81	98.16	-0.6491
2435	30	LDR Biased	96.797	96.272	-0.5249
2436	30	LDR Biased	99.151	98.294	-0.8571
2437	30	LDR Biased	100.43	99.659	-0.7665
2438	30	LDR Biased	99.397	98.423	-0.9744
2439	30	LDR Unbiased	97.78	96.99	-0.7902
2440	30	LDR Unbiased	99	97.43	-1.5695
2441	30	LDR Unbiased	99.84	98.441	-1.3989
2443	30	LDR Unbiased	98.258	97.747	-0.511
2444	30	LDR Unbiased	100.54	99.759	-0.7826
3434	50	LDR Biased	98.81	96.997	-1.8122
3435	50	LDR Biased	96.797	95.546	-1.2515
3436	50	LDR Biased	99.151	98.011	-1.1401
3437	50	LDR Biased	100.43	98.988	-1.4377
3438	50	LDR Biased	99.397	97.72	-1.6772
3439	50	LDR Unbiased	97.78	96.176	-1.6042
3440	50	LDR Unbiased	99	97.043	-1.9572
3441	50	LDR Unbiased	99.84	98.009	-1.8309
3443	50	LDR Unbiased	98.258	96.505	-1.753
3444	50	LDR Unbiased	100.54	98.661	-1.8808
4434	100	LDR Biased	98.81	95.278	-3.5313
4435	100	LDR Biased	96.797	94.388	-2.4096
4436	100	LDR Biased	99.151	96.155	-2.9961
4437	100	LDR Biased	100.43	98.317	-2.1085
4438	100	LDR Biased	99.397	95.539	-3.858
4439	100	LDR Unbiased	97.78	94.547	-3.2332
4440	100	LDR Unbiased	99	94.95	-4.0496
4441	100	LDR Unbiased	99.84	95.697	-4.1434
4443	100	LDR Unbiased	98.258	95.424	-2.8342
4444	100	LDR Unbiased	100.54	96.832	-3.7097
4500	150	LDR Biased	101.59	98.015	-3.5744
4501	150	LDR Biased	101.19	96.186	-5.0059
4502	150	LDR Biased	99.671	95.391	-4.2804
4503	150	LDR Biased	101.82	97.238	-4.5843
4504	150	LDR Biased	99.243	95.127	-4.1165
4505	150	LDR Unbiased	100.08	96.394	-3.6806
4506	150	LDR Unbiased	99.072	95.117	-3.9552
4507	150	LDR Unbiased	98.425	93.411	-5.0139
4508	150	LDR Unbiased	98.861	94.45	-4.4106
4509	150	LDR Unbiased	99.437	95.439	-3.9981

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	98.258	99.049	99.84	1.1189	95.333	97.806	100.28	3.4973	-4.5068	-1.2427	2.0214	4.6161
3	95.407	99.042	101.18	2.1769	95.99	99.625	101.73	2.2284	0.4354	0.58258	0.7693	0.11235
10	95.407	99.042	101.18	2.1769	94.62	98.417	100.65	2.2379	-0.8154	-0.62538	-0.4183	0.13689
30	96.797	99	100.54	1.1654	96.272	98.118	99.759	1.0847	-1.5695	-0.88242	-0.511	0.34961
50	96.797	99	100.54	1.1654	95.546	97.366	98.988	1.1043	-1.9572	-1.6345	-1.1401	0.27519
100	96.797	99	100.54	1.1654	94.388	95.713	98.317	1.1658	-4.1434	-3.2874	-2.1085	0.69367
150	98.425	99.939	101.82	1.1959	93.411	95.677	98.015	1.3362	-5.0139	-4.262	-3.5744	0.49898

Device Test: 97.24 DHL Dead Time Min 1MHz VIN_14V



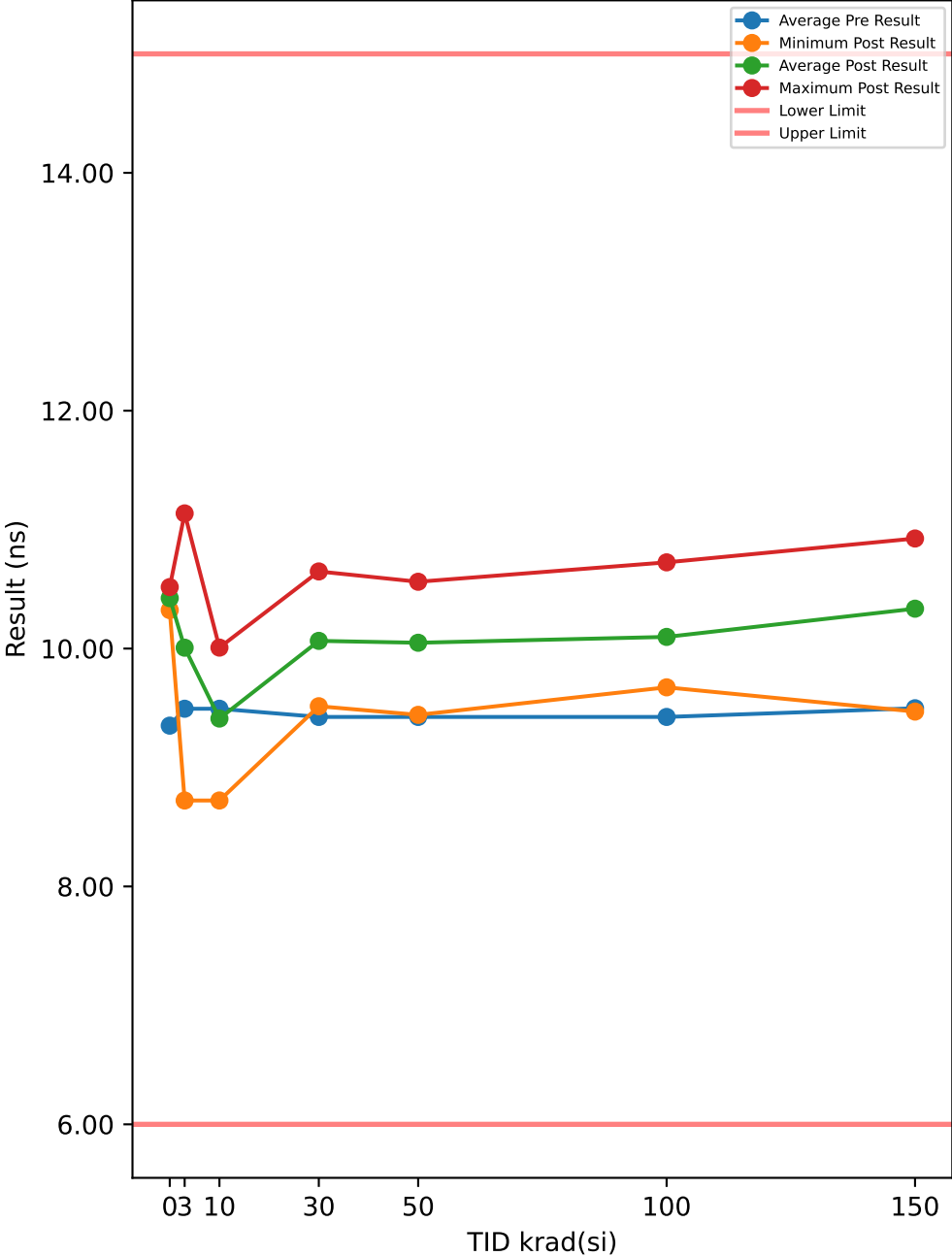
Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.6393	4.9901	1.3508
2	0	CORRELATION	4.0453	4.763	0.7177
259	3	LDR Biased	3.6155	4.7298	1.1143
426	3	LDR Biased	3.6505	4.8945	1.244
427	3	LDR Biased	4.8625	5.7988	0.9363
428	3	LDR Biased	3.9422	5.1226	1.1804
429	3	LDR Unbiased	3.0477	4.1904	1.1427
430	3	LDR Unbiased	4.0979	5.301	1.2031
431	3	LDR Unbiased	4.2091	5.2507	1.0416
432	3	LDR Unbiased	3.6755	4.8765	1.201
433	3	LDR Unbiased	4.1309	5.1824	1.0515
1259	10	LDR Biased	3.6155	3.4732	-0.1423
1426	10	LDR Biased	3.6505	3.803	0.1525
1427	10	LDR Biased	4.8625	4.6832	-0.1793
1428	10	LDR Biased	3.9422	3.9825	0.0403
1429	10	LDR Unbiased	3.0477	3.1183	0.0706
1430	10	LDR Unbiased	4.0979	4.1109	0.013
1431	10	LDR Unbiased	4.2091	4.0697	-0.1394
1432	10	LDR Unbiased	3.6755	3.6692	-0.0063
1433	10	LDR Unbiased	4.1309	4.106	-0.0249
2434	30	LDR Biased	3.3427	3.9319	0.5892
2435	30	LDR Biased	4.7139	5.3569	0.643
2436	30	LDR Biased	3.65	4.2708	0.6208
2437	30	LDR Biased	4.1613	4.9704	0.8091
2438	30	LDR Biased	4.1493	4.91	0.7607
2439	30	LDR Unbiased	3.6247	4.4604	0.8357
2440	30	LDR Unbiased	3.8507	4.7566	0.9059
2441	30	LDR Unbiased	3.6393	4.5991	0.9598
2443	30	LDR Unbiased	4.0453	4.886	0.8407
2444	30	LDR Unbiased	3.6544	4.3387	0.6843
3434	50	LDR Biased	3.3427	3.9816	0.6389
3435	50	LDR Biased	4.7139	5.1832	0.4693
3436	50	LDR Biased	3.65	4.5217	0.8717
3437	50	LDR Biased	4.1613	4.9853	0.824
3438	50	LDR Biased	4.1493	5.0237	0.8744
3439	50	LDR Unbiased	3.6247	4.2708	0.6461
3440	50	LDR Unbiased	3.8507	4.7443	0.8936
3441	50	LDR Unbiased	3.6393	4.4823	0.843
3443	50	LDR Unbiased	4.0453	4.5301	0.4848
3444	50	LDR Unbiased	3.6544	4.1698	0.5154
4434	100	LDR Biased	3.3427	4.3532	1.0105
4435	100	LDR Biased	4.7139	5.5992	0.8853
4436	100	LDR Biased	3.65	4.6629	1.0129
4437	100	LDR Biased	4.1613	5.3322	1.1709
4438	100	LDR Biased	4.1493	5.1149	0.9656
4439	100	LDR Unbiased	3.6247	4.4981	0.8734
4440	100	LDR Unbiased	3.8507	4.6912	0.8405
4441	100	LDR Unbiased	3.6393	4.5066	0.8673
4443	100	LDR Unbiased	4.0453	4.841	0.7957
4444	100	LDR Unbiased	3.6544	4.6478	0.9934
4500	150	LDR Biased	3.8295	4.9242	1.0947
4501	150	LDR Biased	3.4489	4.8671	1.4182
4502	150	LDR Biased	3.9398	5.269	1.3292
4503	150	LDR Biased	4.22	5.612	1.392
4504	150	LDR Biased	4.4276	5.9062	1.4786
4505	150	LDR Unbiased	3.5537	5.1878	1.6341
4506	150	LDR Unbiased	3.8391	5.3311	1.492
4507	150	LDR Unbiased	4.4806	5.4225	0.9419
4508	150	LDR Unbiased	3.3816	4.4294	1.0478
4509	150	LDR Unbiased	3.6598	4.6806	1.0208

Test Statistics (ns)

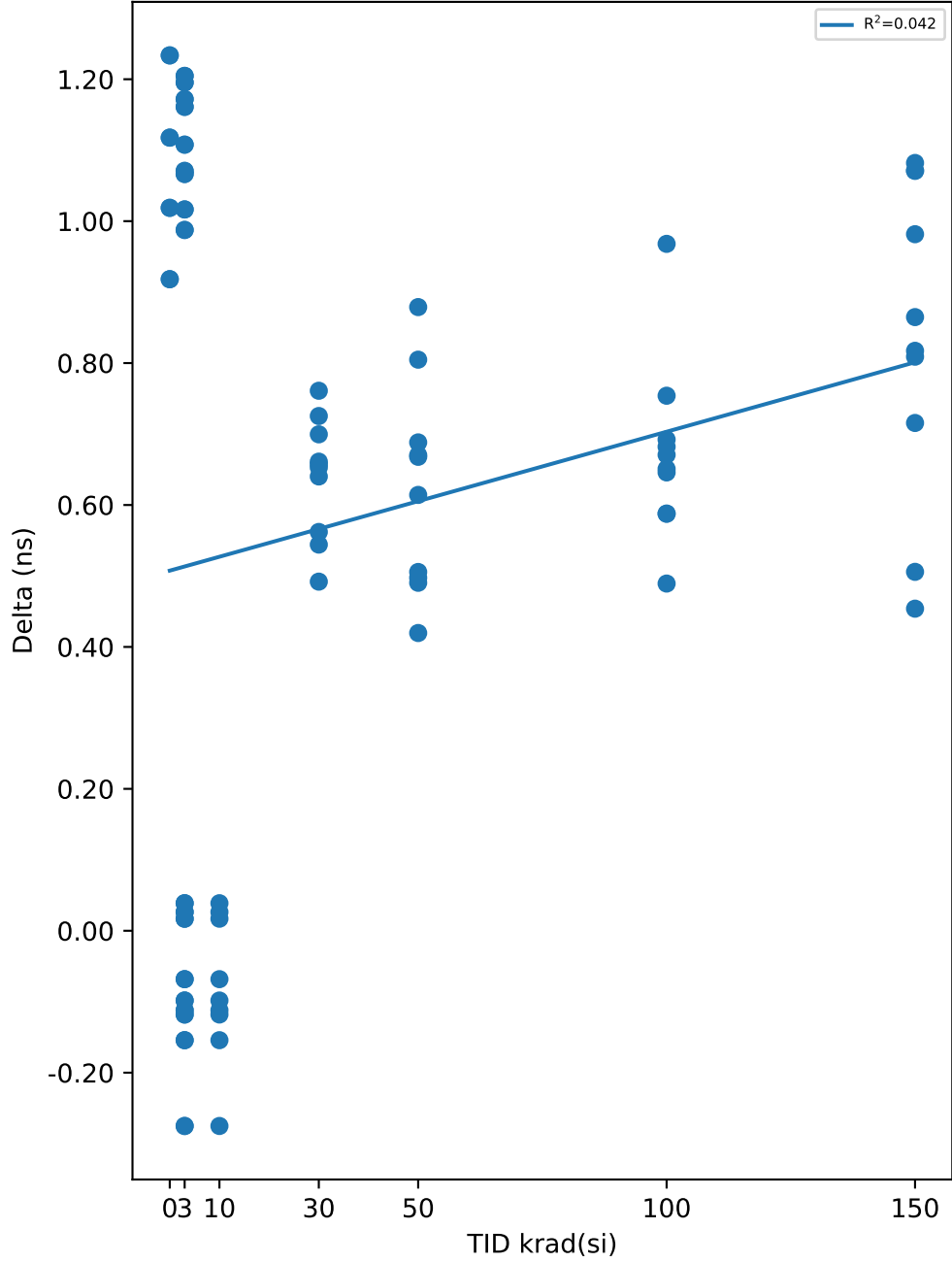
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6393	3.8423	4.0453	0.28709	4.763	4.8765	4.9901	0.16058	0.7177	1.0342	1.3508	0.44767
3	3.0477	3.9146	4.8625	0.50427	4.1904	5.0385	5.7988	0.4446	0.9363	1.1239	1.244	0.098417
10	3.0477	3.9146	4.8625	0.50427	3.1183	3.8907	4.6832	0.44596	-0.1793	-0.023978	0.1525	0.11031
30	3.3427	3.8832	4.7139	0.3931	3.9319	4.6481	5.3569	0.41257	0.5892	0.76492	0.9598	0.12631
50	3.3427	3.8832	4.7139	0.3931	3.9816	4.5893	5.1832	0.39278	0.4693	0.70612	0.8936	0.17419
100	3.3427	3.8832	4.7139	0.3931	4.3532	4.8247	5.5992	0.40102	0.7957	0.94155	1.1709	0.11081
150	3.3816	3.8781	4.4806	0.39061	4.4294	5.163	5.9062	0.44433	0.9419	1.2849	1.6341	0.23883

Device Test: 97.25 DHL Dead Time Small 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

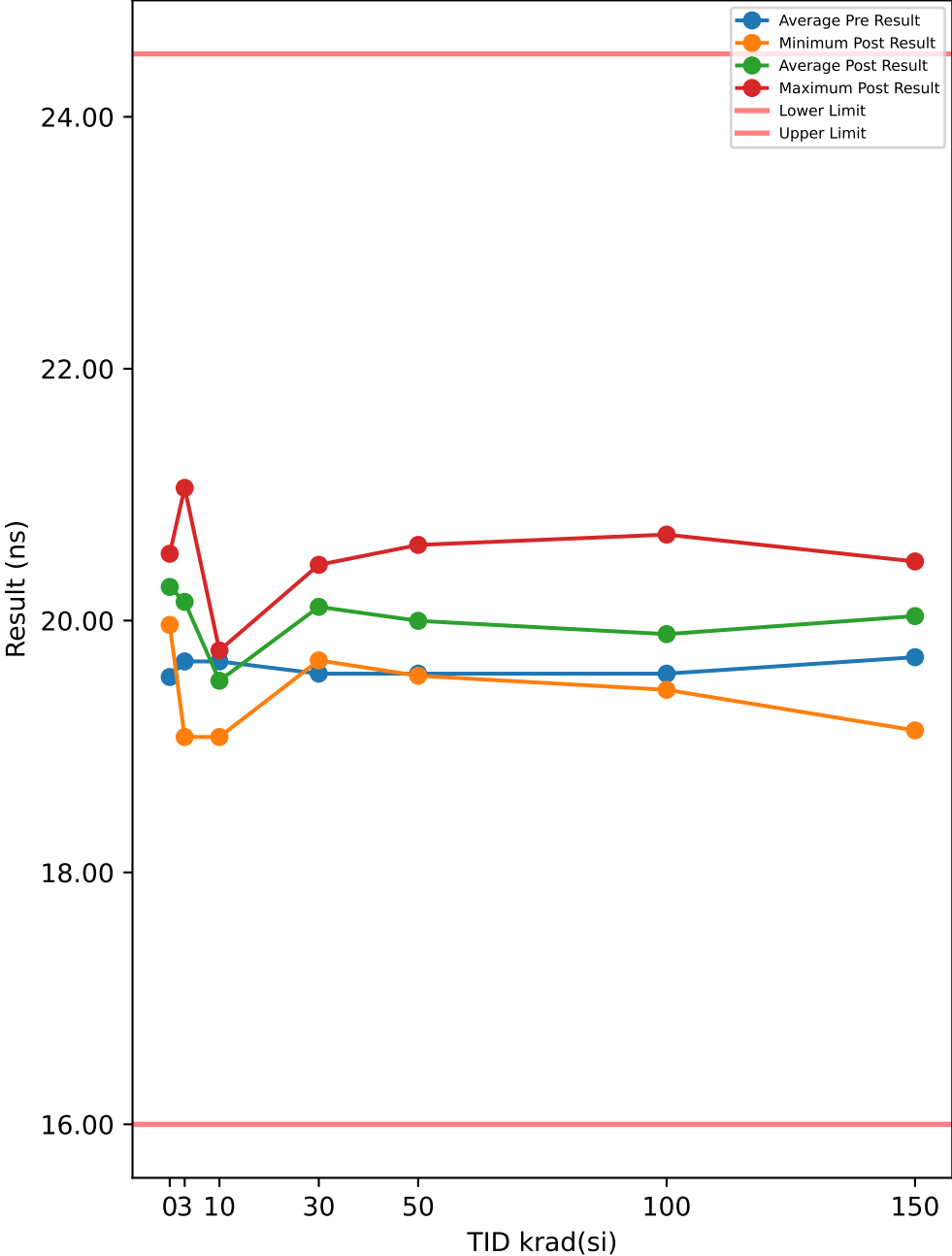
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.2057	10.323	1.1177
2	0	CORRELATION	9.4982	10.416	0.9182
259	3	LDR Biased	9.4276	10.494	1.0665
426	3	LDR Biased	9.3536	10.424	1.0708
427	3	LDR Biased	10.12	11.136	1.0165
428	3	LDR Biased	9.5913	10.787	1.1954
429	3	LDR Unbiased	8.6962	9.9009	1.2047
430	3	LDR Unbiased	9.6915	10.799	1.1078
431	3	LDR Unbiased	9.5027	10.675	1.1719
432	3	LDR Unbiased	9.3495	10.511	1.1611
433	3	LDR Unbiased	9.7147	10.702	0.9876
1259	10	LDR Biased	9.4276	9.1525	-0.2751
1426	10	LDR Biased	9.3536	9.3924	0.0388
1427	10	LDR Biased	10.12	10.008	-0.1119
1428	10	LDR Biased	9.5913	9.6083	0.017
1429	10	LDR Unbiased	8.6962	8.7226	0.0264
1430	10	LDR Unbiased	9.6915	9.5932	-0.0983
1431	10	LDR Unbiased	9.5027	9.3485	-0.1542
1432	10	LDR Unbiased	9.3495	9.2813	-0.0682
1433	10	LDR Unbiased	9.7147	9.5967	-0.118
2434	30	LDR Biased	9.0232	9.5152	0.492
2435	30	LDR Biased	9.9955	10.648	0.6529
2436	30	LDR Biased	9.2285	9.8687	0.6402
2437	30	LDR Biased	9.7569	10.414	0.6574
2438	30	LDR Biased	9.6867	10.448	0.761
2439	30	LDR Unbiased	9.0947	9.8201	0.7254
2440	30	LDR Unbiased	9.3691	9.9133	0.5442
2441	30	LDR Unbiased	9.2057	9.7677	0.562
2443	30	LDR Unbiased	9.4982	10.198	0.6996
2444	30	LDR Unbiased	9.3929	10.054	0.6611
3434	50	LDR Biased	9.0232	9.4428	0.4196
3435	50	LDR Biased	9.9955	10.501	0.5056
3436	50	LDR Biased	9.2285	9.8964	0.6679
3437	50	LDR Biased	9.7569	10.562	0.8048
3438	50	LDR Biased	9.6867	10.375	0.6882
3439	50	LDR Unbiased	9.0947	9.7089	0.6142
3440	50	LDR Unbiased	9.3691	10.04	0.6704
3441	50	LDR Unbiased	9.2057	10.085	0.8789
3443	50	LDR Unbiased	9.4982	9.9886	0.4904
3444	50	LDR Unbiased	9.3929	9.8903	0.4974
4434	100	LDR Biased	9.0232	9.6741	0.6509
4435	100	LDR Biased	9.9955	10.688	0.6923
4436	100	LDR Biased	9.2285	9.9825	0.754
4437	100	LDR Biased	9.7569	10.725	0.968
4438	100	LDR Biased	9.6867	10.333	0.6459
4439	100	LDR Unbiased	9.0947	9.7768	0.6821
4440	100	LDR Unbiased	9.3691	9.8584	0.4893
4441	100	LDR Unbiased	9.2057	9.8764	0.6707
4443	100	LDR Unbiased	9.4982	10.086	0.5879
4444	100	LDR Unbiased	9.3929	9.9806	0.5877
4500	150	LDR Biased	9.5175	10.326	0.809
4501	150	LDR Biased	9.2052	10.023	0.8173
4502	150	LDR Biased	9.4551	10.526	1.0712
4503	150	LDR Biased	9.9103	10.892	0.9816
4504	150	LDR Biased	10.061	10.925	0.8648
4505	150	LDR Unbiased	9.233	10.315	1.082
4506	150	LDR Unbiased	9.4337	10.505	1.0709
4507	150	LDR Unbiased	9.9531	10.407	0.4539
4508	150	LDR Unbiased	8.9644	9.4702	0.5058
4509	150	LDR Unbiased	9.2487	9.9643	0.7156

Test Statistics (ns)

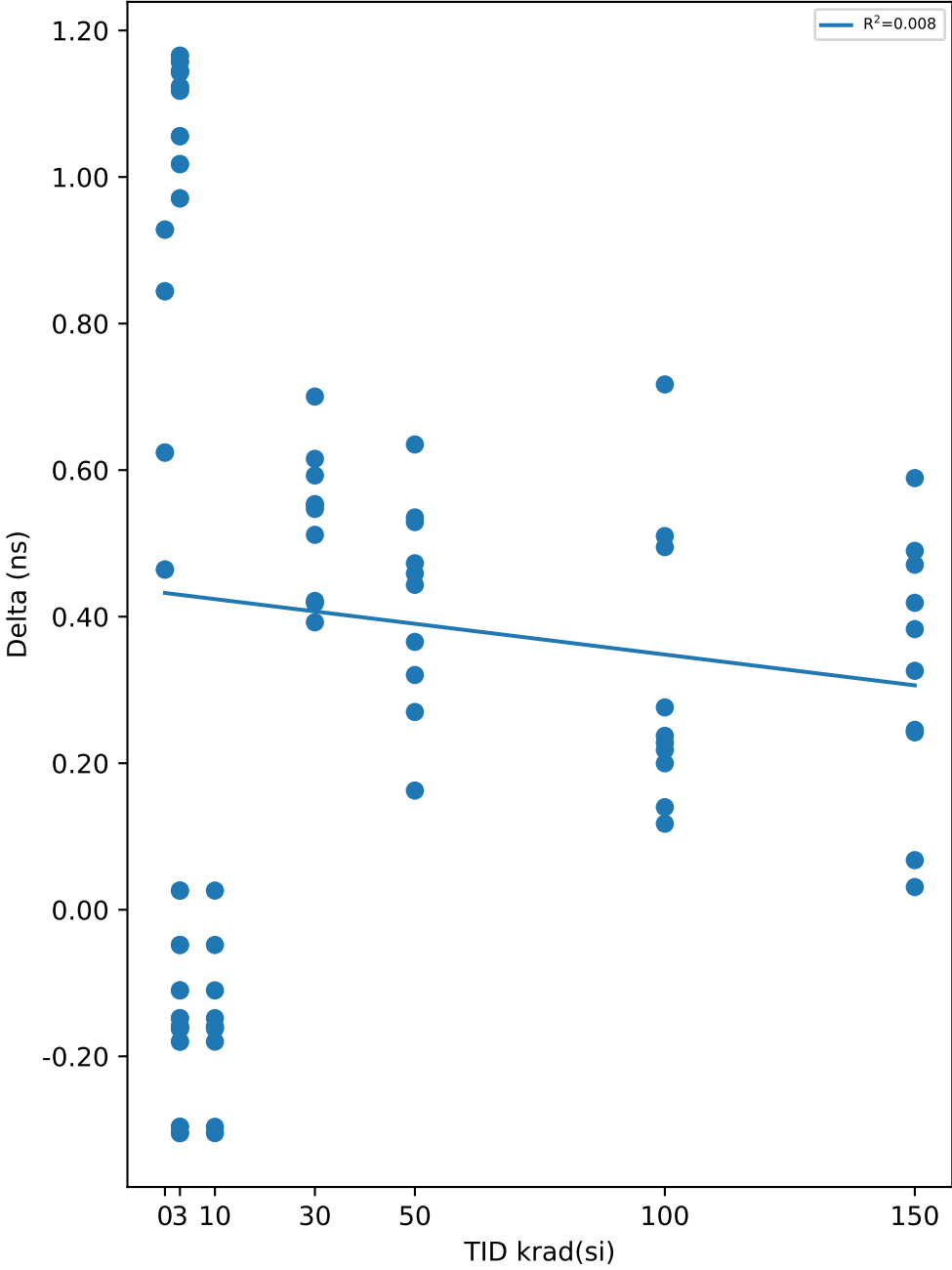
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	9.2057	9.352	9.4982	0.20683	10.323	10.37	10.416	0.065761	0.9182	1.0179	1.1177	0.14107
3	8.6962	9.4941	10.12	0.38253	9.9009	10.603	11.136	0.33859	0.9876	1.1091	1.2047	0.078942
10	8.6962	9.4941	10.12	0.38253	8.7226	9.4115	10.008	0.35793	-0.2751	-0.082611	0.0388	0.1008
30	9.0232	9.4251	9.9955	0.31107	9.5152	10.065	10.648	0.35571	0.492	0.63958	0.761	0.08404
50	9.0232	9.4251	9.9955	0.31107	9.4428	10.049	10.562	0.3512	0.4196	0.62374	0.8789	0.14744
100	9.0232	9.4251	9.9955	0.31107	9.6741	10.098	10.725	0.36705	0.4893	0.67288	0.968	0.12629
150	8.9644	9.4982	10.061	0.36558	9.4702	10.335	10.925	0.43623	0.4539	0.83721	1.082	0.22697

Device Test: 97.26 DHL Dead Time Mid 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta

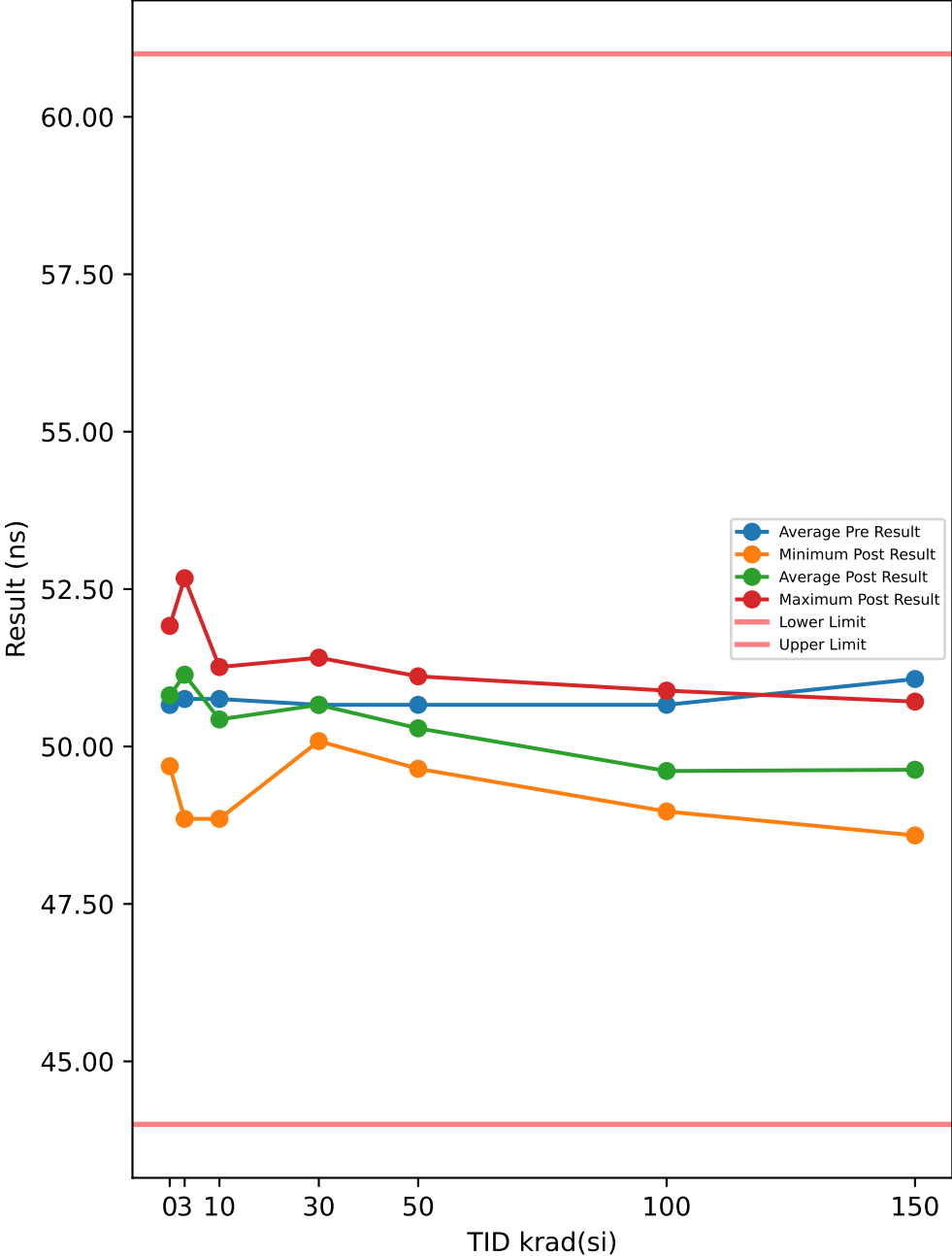


Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

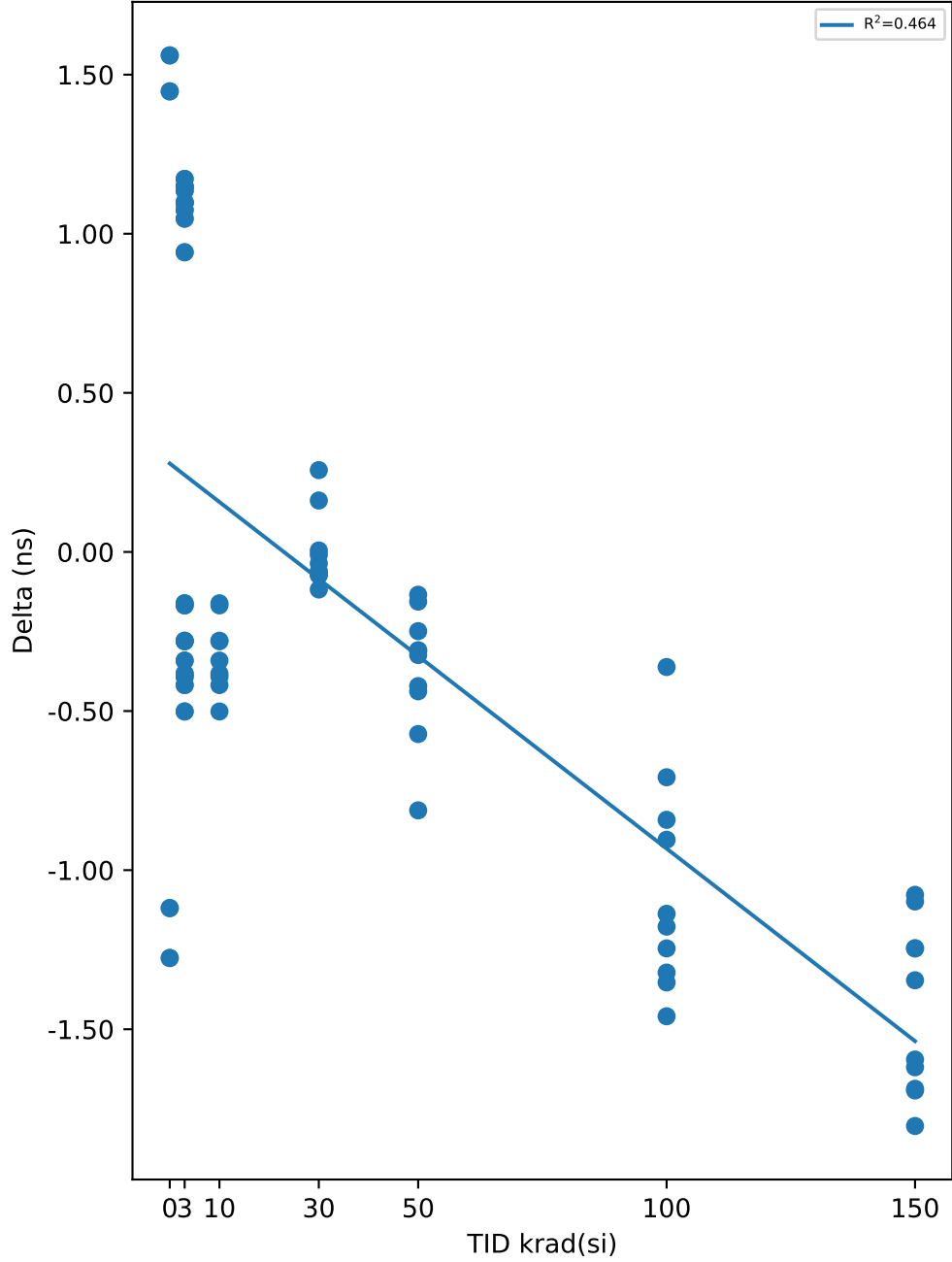
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.501	19.966	0.4643
2	0	CORRELATION	19.603	20.531	0.9282
259	3	LDR Biased	19.794	20.85	1.0557
426	3	LDR Biased	19.694	20.859	1.1655
427	3	LDR Biased	19.909	20.88	0.9709
428	3	LDR Biased	19.911	21.053	1.1429
429	3	LDR Unbiased	19.124	20.268	1.1449
430	3	LDR Unbiased	19.739	20.857	1.1178
431	3	LDR Unbiased	19.422	20.546	1.1232
432	3	LDR Unbiased	19.643	20.8	1.1573
433	3	LDR Unbiased	19.844	20.861	1.0176
1259	10	LDR Biased	19.794	19.489	-0.3048
1426	10	LDR Biased	19.694	19.72	0.0262
1427	10	LDR Biased	19.909	19.729	-0.1799
1428	10	LDR Biased	19.911	19.763	-0.1479
1429	10	LDR Unbiased	19.124	19.076	-0.048
1430	10	LDR Unbiased	19.739	19.629	-0.11
1431	10	LDR Unbiased	19.422	19.126	-0.2962
1432	10	LDR Unbiased	19.643	19.484	-0.159
1433	10	LDR Unbiased	19.844	19.682	-0.1622
2434	30	LDR Biased	19.292	19.684	0.3923
2435	30	LDR Biased	19.742	20.443	0.7004
2436	30	LDR Biased	19.371	19.924	0.5529
2437	30	LDR Biased	19.966	20.387	0.4215
2438	30	LDR Biased	19.873	20.426	0.5536
2439	30	LDR Unbiased	19.25	19.762	0.5117
2440	30	LDR Unbiased	19.494	20.041	0.547
2441	30	LDR Unbiased	19.501	20.094	0.5927
2443	30	LDR Unbiased	19.603	20.021	0.4186
2444	30	LDR Unbiased	19.693	20.309	0.6154
3434	50	LDR Biased	19.292	19.562	0.2699
3435	50	LDR Biased	19.742	20.215	0.4728
3436	50	LDR Biased	19.371	19.814	0.4434
3437	50	LDR Biased	19.966	20.601	0.635
3438	50	LDR Biased	19.873	20.332	0.4589
3439	50	LDR Unbiased	19.25	19.616	0.3656
3440	50	LDR Unbiased	19.494	20.023	0.5291
3441	50	LDR Unbiased	19.501	20.037	0.5354
3443	50	LDR Unbiased	19.603	19.765	0.1627
3444	50	LDR Unbiased	19.693	20.014	0.3204
4434	100	LDR Biased	19.292	19.52	0.2279
4435	100	LDR Biased	19.742	20.237	0.4949
4436	100	LDR Biased	19.371	19.881	0.51
4437	100	LDR Biased	19.966	20.683	0.7169
4438	100	LDR Biased	19.873	20.091	0.2182
4439	100	LDR Unbiased	19.25	19.45	0.1999
4440	100	LDR Unbiased	19.494	19.634	0.14
4441	100	LDR Unbiased	19.501	19.619	0.1175
4443	100	LDR Unbiased	19.603	19.879	0.2762
4444	100	LDR Unbiased	19.693	19.931	0.2373
4500	150	LDR Biased	19.855	20.345	0.4898
4501	150	LDR Biased	19.612	19.995	0.383
4502	150	LDR Biased	19.501	19.972	0.4709
4503	150	LDR Biased	20.227	20.47	0.2421
4504	150	LDR Biased	20.104	20.43	0.3261
4505	150	LDR Unbiased	19.564	19.983	0.4189
4506	150	LDR Unbiased	19.696	20.285	0.5891
4507	150	LDR Unbiased	19.959	20.027	0.0677
4508	150	LDR Unbiased	19.097	19.128	0.031
4509	150	LDR Unbiased	19.477	19.723	0.2455

Device Test: 97.27 DHL Dead Time Large 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

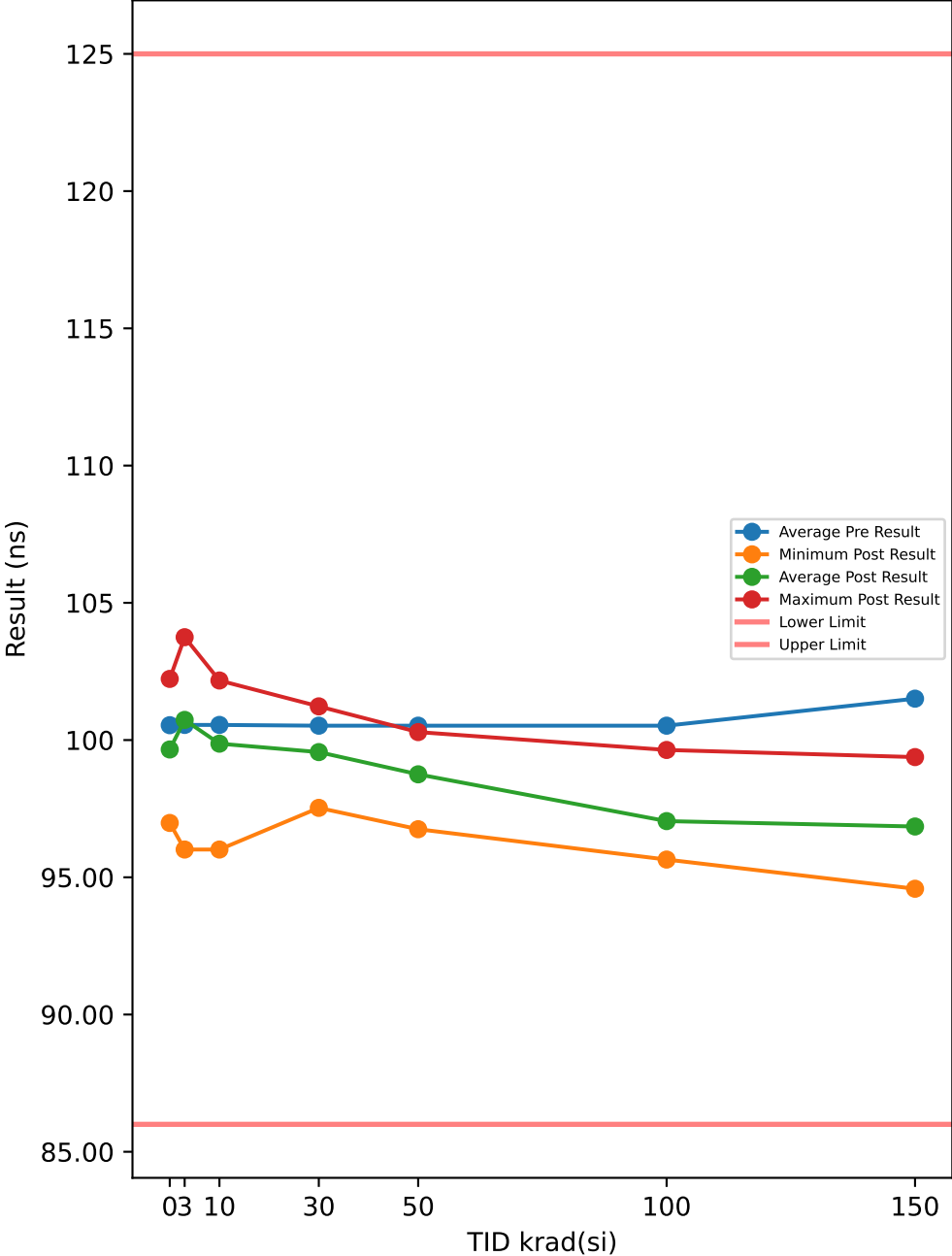
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	50.964	49.688	-1.2761
2	0	CORRELATION	50.356	51.803	1.4475
259	3	LDR Biased	51.523	52.672	1.1487
426	3	LDR Biased	51.423	52.571	1.1478
427	3	LDR Biased	49.728	50.67	0.9418
428	3	LDR Biased	51.313	52.485	1.1723
429	3	LDR Unbiased	50.768	51.904	1.1352
430	3	LDR Unbiased	50.473	51.572	1.0993
431	3	LDR Unbiased	49.352	50.4	1.0475
432	3	LDR Unbiased	51.257	52.353	1.0966
433	3	LDR Unbiased	50.957	52.031	1.0747
1259	10	LDR Biased	51.523	51.105	-0.4183
1426	10	LDR Biased	51.423	51.262	-0.1614
1427	10	LDR Biased	49.728	49.336	-0.3921
1428	10	LDR Biased	51.313	51.034	-0.2791
1429	10	LDR Unbiased	50.768	50.427	-0.3414
1430	10	LDR Unbiased	50.473	50.305	-0.1679
1431	10	LDR Unbiased	49.352	48.851	-0.5013
1432	10	LDR Unbiased	51.257	50.976	-0.2806
1433	10	LDR Unbiased	50.957	50.574	-0.3823
2434	30	LDR Biased	50.559	50.492	-0.067
2435	30	LDR Biased	49.896	50.153	0.2572
2436	30	LDR Biased	50.588	50.592	0.0046
2437	30	LDR Biased	51.249	51.411	0.1617
2438	30	LDR Biased	50.996	50.987	-0.0087
2439	30	LDR Unbiased	50.146	50.086	-0.06
2440	30	LDR Unbiased	50.493	50.42	-0.0734
2441	30	LDR Unbiased	50.964	50.846	-0.118
2443	30	LDR Unbiased	50.356	50.286	-0.0699
2444	30	LDR Unbiased	51.377	51.341	-0.036
3434	50	LDR Biased	50.559	49.986	-0.5722
3435	50	LDR Biased	49.896	49.647	-0.2489
3436	50	LDR Biased	50.588	50.432	-0.156
3437	50	LDR Biased	51.249	51.115	-0.1344
3438	50	LDR Biased	50.996	50.687	-0.3091
3439	50	LDR Unbiased	50.146	49.836	-0.3098
3440	50	LDR Unbiased	50.493	50.169	-0.3239
3441	50	LDR Unbiased	50.964	50.526	-0.4379
3443	50	LDR Unbiased	50.356	49.934	-0.4216
3444	50	LDR Unbiased	51.377	50.565	-0.8121
4434	100	LDR Biased	50.559	49.421	-1.1372
4435	100	LDR Biased	49.896	49.188	-0.7081
4436	100	LDR Biased	50.588	49.746	-0.8419
4437	100	LDR Biased	51.249	50.887	-0.3616
4438	100	LDR Biased	50.996	49.674	-1.3219
4439	100	LDR Unbiased	50.146	48.968	-1.1775
4440	100	LDR Unbiased	50.493	49.141	-1.3529
4441	100	LDR Unbiased	50.964	49.504	-1.4592
4443	100	LDR Unbiased	50.356	49.451	-0.9044
4444	100	LDR Unbiased	51.377	50.131	-1.2459
4500	150	LDR Biased	51.812	50.713	-1.0985
4501	150	LDR Biased	51.455	49.763	-1.6924
4502	150	LDR Biased	50.747	49.401	-1.3461
4503	150	LDR Biased	52.091	50.496	-1.5952
4504	150	LDR Biased	50.975	49.73	-1.2454
4505	150	LDR Unbiased	50.971	49.893	-1.0776
4506	150	LDR Unbiased	50.904	49.657	-1.2462
4507	150	LDR Unbiased	50.712	48.907	-1.804
4508	150	LDR Unbiased	50.275	48.588	-1.6871
4509	150	LDR Unbiased	50.781	49.161	-1.6195

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	50.356	50.66	50.964	0.42985	49.688	50.745	51.803	1.496	-1.2761	0.0857	1.4475	1.9259
3	49.352	50.755	51.523	0.76994	50.4	51.851	52.672	0.82622	0.9418	1.096	1.1723	0.070191
10	49.352	50.755	51.523	0.76994	48.851	50.43	51.262	0.83195	-0.5013	-0.32493	-0.1614	0.11367
30	49.896	50.662	51.377	0.47726	50.086	50.661	51.411	0.46973	-0.118	-0.00095	0.2572	0.11831
50	49.896	50.662	51.377	0.47726	49.647	50.29	51.115	0.45235	-0.8121	-0.37259	-0.1344	0.20248
100	49.896	50.662	51.377	0.47726	48.968	49.611	50.887	0.55859	-1.4592	-1.0511	-0.3616	0.34167
150	50.275	51.072	52.091	0.55137	48.588	49.631	50.713	0.65835	-1.804	-1.4412	-1.0776	0.26786

Device Test: 97.28 DHL Dead Time Max 1MHz VIN_14V

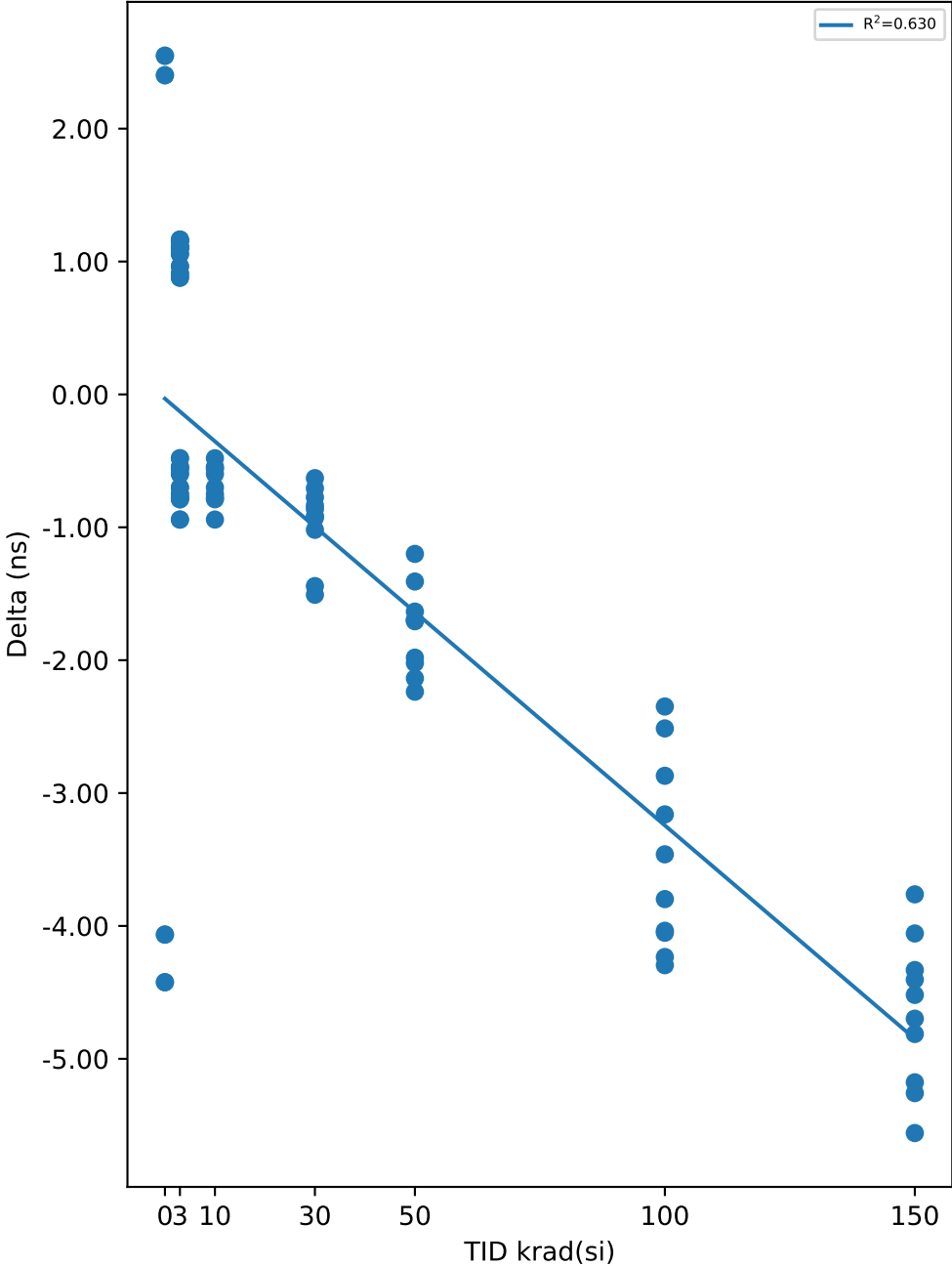
TID vs Result Stats



Test Results (Lower Limit = 86.0, Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	101.4	96.98	-4.4235
2	0	CORRELATION	99.68	102.08	2.402
259	3	LDR Biased	102.49	103.6	1.1114
426	3	LDR Biased	102.65	103.75	1.0967
427	3	LDR Biased	97.073	97.952	0.8785
428	3	LDR Biased	101.57	102.73	1.1653
429	3	LDR Unbiased	100.95	102.11	1.1523
430	3	LDR Unbiased	99.578	100.49	0.9097
431	3	LDR Unbiased	96.8	97.908	1.1079
432	3	LDR Unbiased	102.33	103.39	1.0559
433	3	LDR Unbiased	101.52	102.48	0.964
1259	10	LDR Biased	102.49	101.71	-0.7782
1426	10	LDR Biased	102.65	102.17	-0.4805
1427	10	LDR Biased	97.073	96.323	-0.7499
1428	10	LDR Biased	101.57	100.97	-0.5987
1429	10	LDR Unbiased	100.95	100.25	-0.7005
1430	10	LDR Unbiased	99.578	99.032	-0.5453
1431	10	LDR Unbiased	96.8	96.011	-0.789
1432	10	LDR Unbiased	102.33	101.77	-0.5603
1433	10	LDR Unbiased	101.52	100.58	-0.9418
2434	30	LDR Biased	100.45	99.532	-0.9152
2435	30	LDR Biased	98.16	97.53	-0.6301
2436	30	LDR Biased	100.68	99.812	-0.8632
2437	30	LDR Biased	101.99	101.15	-0.8361
2438	30	LDR Biased	100.83	99.901	-0.9283
2439	30	LDR Unbiased	99.345	98.571	-0.7745
2440	30	LDR Unbiased	100.46	98.955	-1.5078
2441	30	LDR Unbiased	101.4	99.961	-1.4425
2443	30	LDR Unbiased	99.68	98.973	-0.7069
2444	30	LDR Unbiased	102.25	101.23	-1.0188
3434	50	LDR Biased	100.45	98.426	-2.0212
3435	50	LDR Biased	98.16	96.752	-1.408
3436	50	LDR Biased	100.68	99.475	-1.2002
3437	50	LDR Biased	101.99	100.29	-1.6976
3438	50	LDR Biased	100.83	99.195	-1.6342
3439	50	LDR Unbiased	99.345	97.638	-1.7069
3440	50	LDR Unbiased	100.46	98.326	-2.1368
3441	50	LDR Unbiased	101.4	99.422	-1.9811
3443	50	LDR Unbiased	99.68	97.982	-1.6971
3444	50	LDR Unbiased	102.25	100.01	-2.2372
4434	100	LDR Biased	100.45	96.649	-3.7979
4435	100	LDR Biased	98.16	95.646	-2.5137
4436	100	LDR Biased	100.68	97.515	-3.1606
4437	100	LDR Biased	101.99	99.639	-2.3487
4438	100	LDR Biased	100.83	96.793	-4.0364
4439	100	LDR Unbiased	99.345	95.884	-3.4611
4440	100	LDR Unbiased	100.46	96.229	-4.2339
4441	100	LDR Unbiased	101.4	97.108	-4.2954
4443	100	LDR Unbiased	99.68	96.809	-2.87
4444	100	LDR Unbiased	102.25	98.195	-4.0514
4500	150	LDR Biased	103.14	99.379	-3.7623
4501	150	LDR Biased	102.84	97.282	-5.5585
4502	150	LDR Biased	101.28	96.462	-4.813
4503	150	LDR Biased	103.53	98.354	-5.1768
4504	150	LDR Biased	100.74	96.219	-4.5189
4505	150	LDR Unbiased	101.71	97.658	-4.0566
4506	150	LDR Unbiased	100.63	96.296	-4.332
4507	150	LDR Unbiased	99.841	94.583	-5.258
4508	150	LDR Unbiased	100.36	95.658	-4.6981
4509	150	LDR Unbiased	101.02	96.613	-4.4041

TID vs Post - Pre Exposure Delta

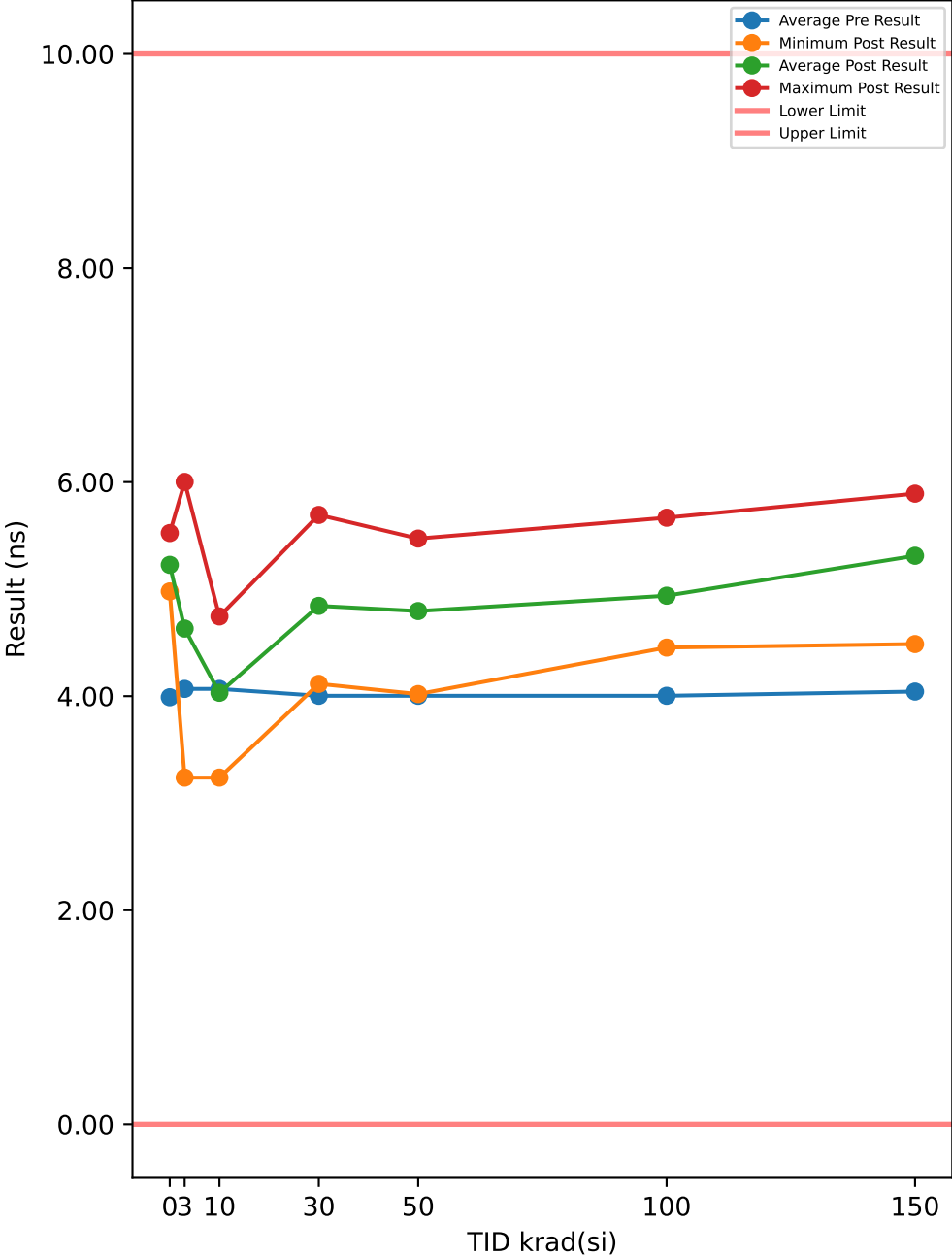


Test Statistics (ns)

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	99.68	100.54	101.4	1.2189	96.98	99.531	102.08	3.6074	-4.4235	-1.0108	2.402	4.8264
3	96.8	100.55	102.65	2.2519	97.908	101.6	103.75	2.2993	0.8785	1.0491	1.1653	0.10582
10	96.8	100.55	102.65	2.2519	96.011	99.869	102.17	2.2997	-0.9418	-0.68269	-0.4805	0.14756
30	98.16	100.52	102.25	1.2338	97.53	99.561	101.23	1.1288	-1.5078	-0.96234	-0.6301	0.29275
50	98.16	100.52	102.25	1.2338	96.752	98.752	100.29	1.1174	-2.2372	-1.772	-1.2002	0.32475
100	98.16	100.52	102.25	1.2338	95.646	97.047	99.639	1.1796	-4.2954	-3.4769	-2.3487	0.71944
150	99.841	101.51	103.53	1.2626	94.583	96.851	99.379	1.3732	-5.5585	-4.6578	-3.7623	0.55974

Device Test: 97.29 DHL Dead Time Min 2MHz VIN_14V

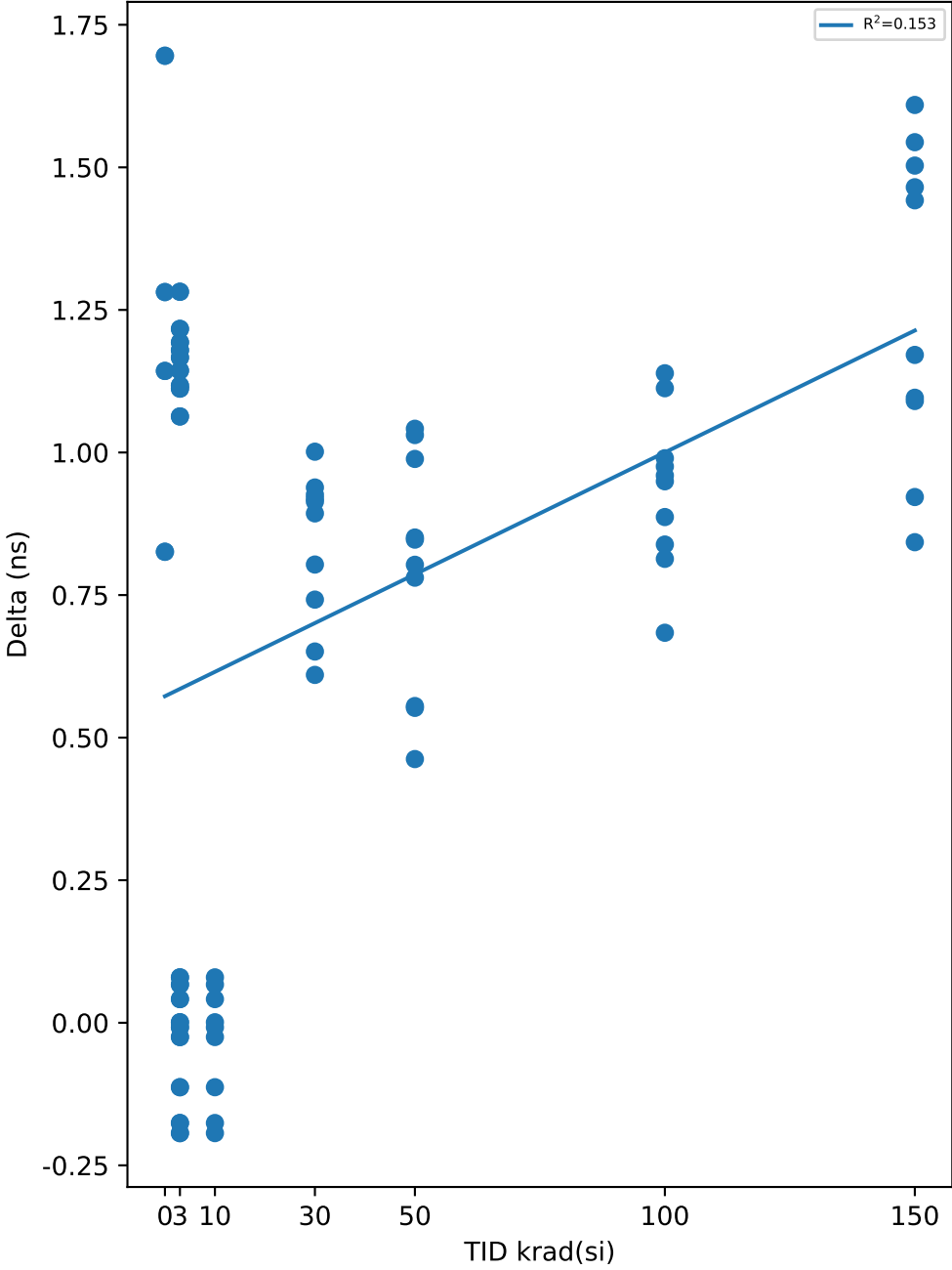
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.8279	5.1092	1.2813
2	0	CORRELATION	4.1521	4.978	0.8259
259	3	LDR Biased	3.8309	4.9974	1.1665
426	3	LDR Biased	3.826	5.1078	1.2818
427	3	LDR Biased	4.9382	6.0014	1.0632
428	3	LDR Biased	4.1021	5.2953	1.1932
429	3	LDR Unbiased	3.1974	4.3768	1.1794
430	3	LDR Unbiased	4.2502	5.4669	1.2167
431	3	LDR Unbiased	4.3365	5.4485	1.112
432	3	LDR Unbiased	3.8715	4.9889	1.1174
433	3	LDR Unbiased	4.2574	5.4011	1.1437
1259	10	LDR Biased	3.8309	3.6551	-0.1758
1426	10	LDR Biased	3.826	3.893	0.067
1427	10	LDR Biased	4.9382	4.7447	-0.1935
1428	10	LDR Biased	4.1021	4.103	0.0009
1429	10	LDR Unbiased	3.1974	3.2389	0.0415
1430	10	LDR Unbiased	4.2502	4.2422	-0.008
1431	10	LDR Unbiased	4.3365	4.2235	-0.113
1432	10	LDR Unbiased	3.8715	3.8465	-0.025
1433	10	LDR Unbiased	4.2574	4.337	0.0796
2434	30	LDR Biased	3.4639	4.1149	0.651
2435	30	LDR Biased	4.6915	5.6929	1.0014
2436	30	LDR Biased	3.741	4.6796	0.9386
2437	30	LDR Biased	4.3065	5.11	0.8035
2438	30	LDR Biased	4.209	5.1228	0.9138
2439	30	LDR Unbiased	3.725	4.467	0.742
2440	30	LDR Unbiased	3.9772	4.9032	0.926
2441	30	LDR Unbiased	3.8279	4.7469	0.919
2443	30	LDR Unbiased	4.1521	5.0453	0.8932
2444	30	LDR Unbiased	3.9389	4.5489	0.61
3434	50	LDR Biased	3.4639	4.0193	0.5554
3435	50	LDR Biased	4.6915	5.472	0.7805
3436	50	LDR Biased	3.741	4.5441	0.8031
3437	50	LDR Biased	4.3065	5.3481	1.0416
3438	50	LDR Biased	4.209	5.0562	0.8472
3439	50	LDR Unbiased	3.725	4.5759	0.8509
3440	50	LDR Unbiased	3.9772	5.0078	1.0306
3441	50	LDR Unbiased	3.8279	4.8166	0.9887
3443	50	LDR Unbiased	4.1521	4.7043	0.5522
3444	50	LDR Unbiased	3.9389	4.4013	0.4624
4434	100	LDR Biased	3.4639	4.4538	0.9899
4435	100	LDR Biased	4.6915	5.6669	0.9754
4436	100	LDR Biased	3.741	4.6905	0.9495
4437	100	LDR Biased	4.3065	5.4192	1.1127
4438	100	LDR Biased	4.209	5.3479	1.1389
4439	100	LDR Unbiased	3.725	4.6118	0.8868
4440	100	LDR Unbiased	3.9772	4.7907	0.8135
4441	100	LDR Unbiased	3.8279	4.7875	0.9596
4443	100	LDR Unbiased	4.1521	4.9907	0.8386
4444	100	LDR Unbiased	3.9389	4.6228	0.6839
4500	150	LDR Biased	3.9611	5.0571	1.096
4501	150	LDR Biased	3.6591	5.1013	1.4422
4502	150	LDR Biased	4.0768	5.6209	1.5441
4503	150	LDR Biased	4.3885	5.8916	1.5031
4504	150	LDR Biased	4.6089	5.78	1.1711
4505	150	LDR Unbiased	3.723	5.3324	1.6094
4506	150	LDR Unbiased	4.036	5.5011	1.4651
4507	150	LDR Unbiased	4.508	5.3507	0.8427
4508	150	LDR Unbiased	3.5647	4.4866	0.9219
4509	150	LDR Unbiased	3.9018	4.9921	1.0903

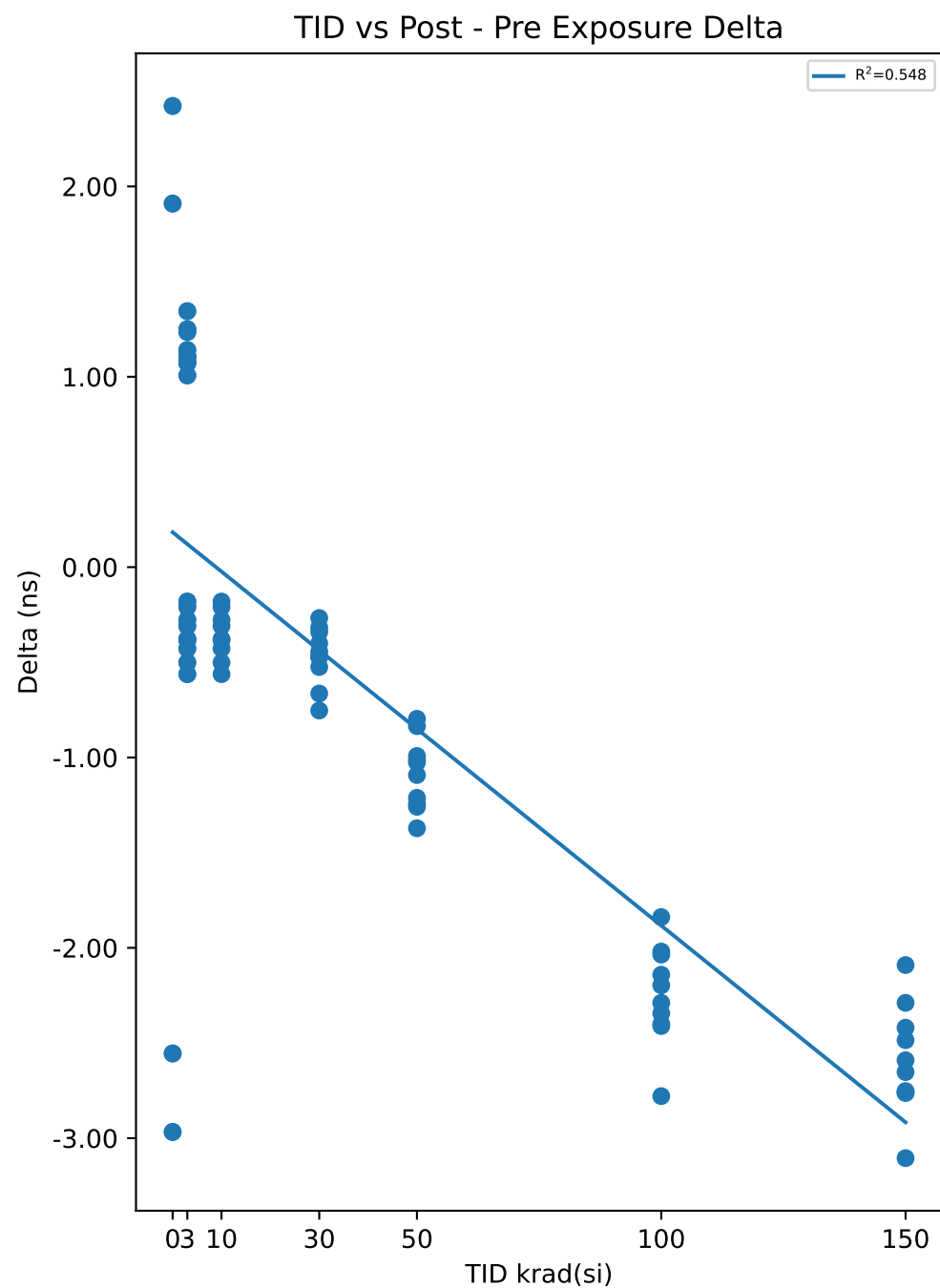
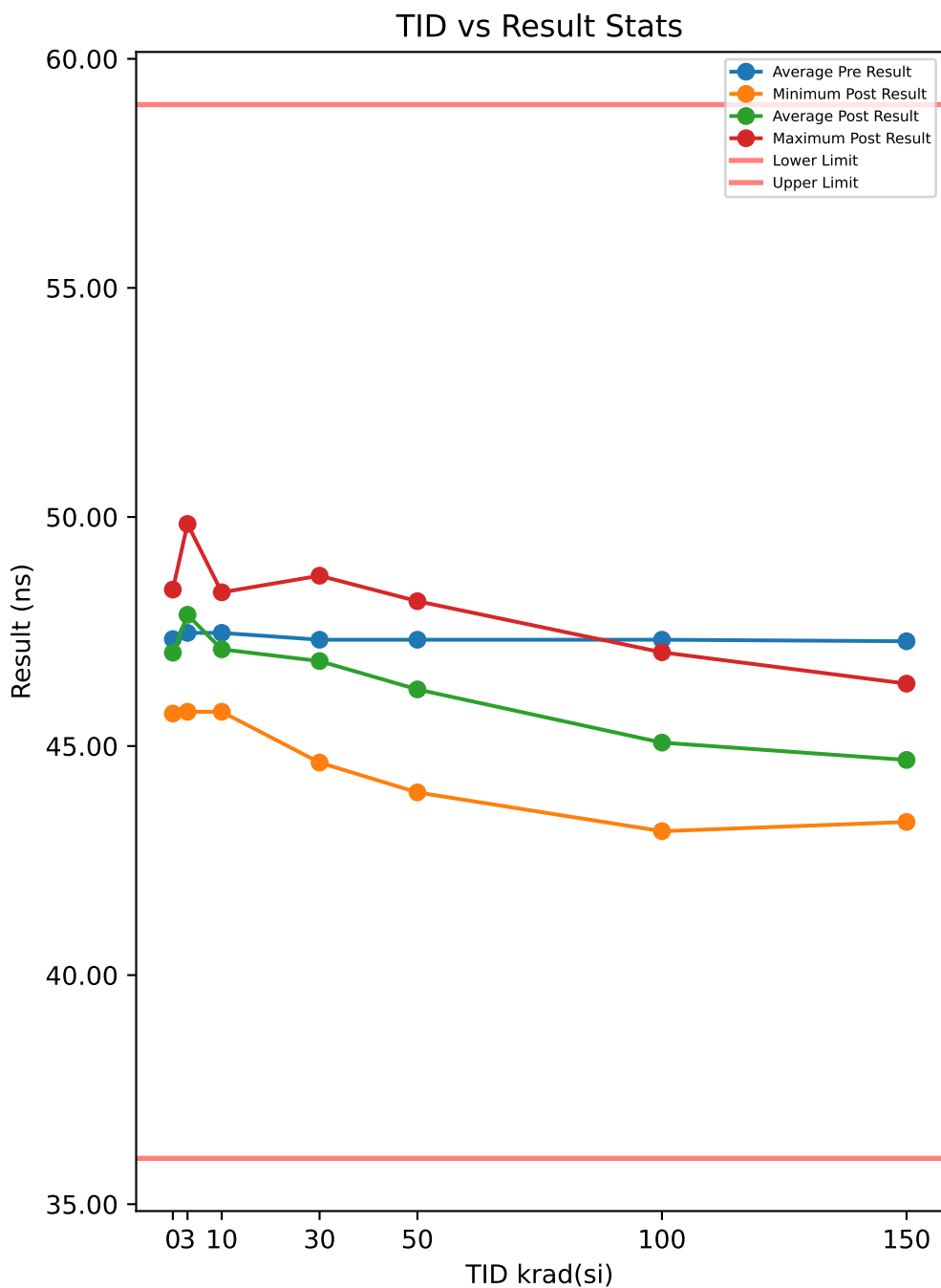
TID vs Post - Pre Exposure Delta



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	3.8279	3.99	4.1521	0.22924	4.978	5.0436	5.1092	0.092772	0.8259	1.0536	1.2813	0.32202
3	3.1974	4.0678	4.9382	0.47578	4.3768	5.2316	6.0014	0.44547	1.0632	1.1638	1.2818	0.064419
10	3.1974	4.0678	4.9382	0.47578	3.2389	4.0315	4.7447	0.43469	-0.1935	-0.036256	0.0796	0.10157
30	3.4639	4.0033	4.6915	0.35005	4.1149	4.8431	5.6929	0.43594	0.61	0.83985	1.0014	0.13218
50	3.4639	4.0033	4.6915	0.35005	4.0193	4.7946	5.472	0.44148	0.4624	0.79126	1.0416	0.20731
100	3.4639	4.0033	4.6915	0.35005	4.4538	4.9382	5.6669	0.40544	0.6839	0.93488	1.1389	0.13664
150	3.5647	4.0428	4.6089	0.35936	4.4866	5.3114	5.8916	0.41913	0.8427	1.2686	1.6094	0.27658

Device Test: 97.3 DLH Dead Time Large 500kHz VIN_14V



Test Results (Lower Limit = 36.0,
Upper Limit = 59.0 (ns))

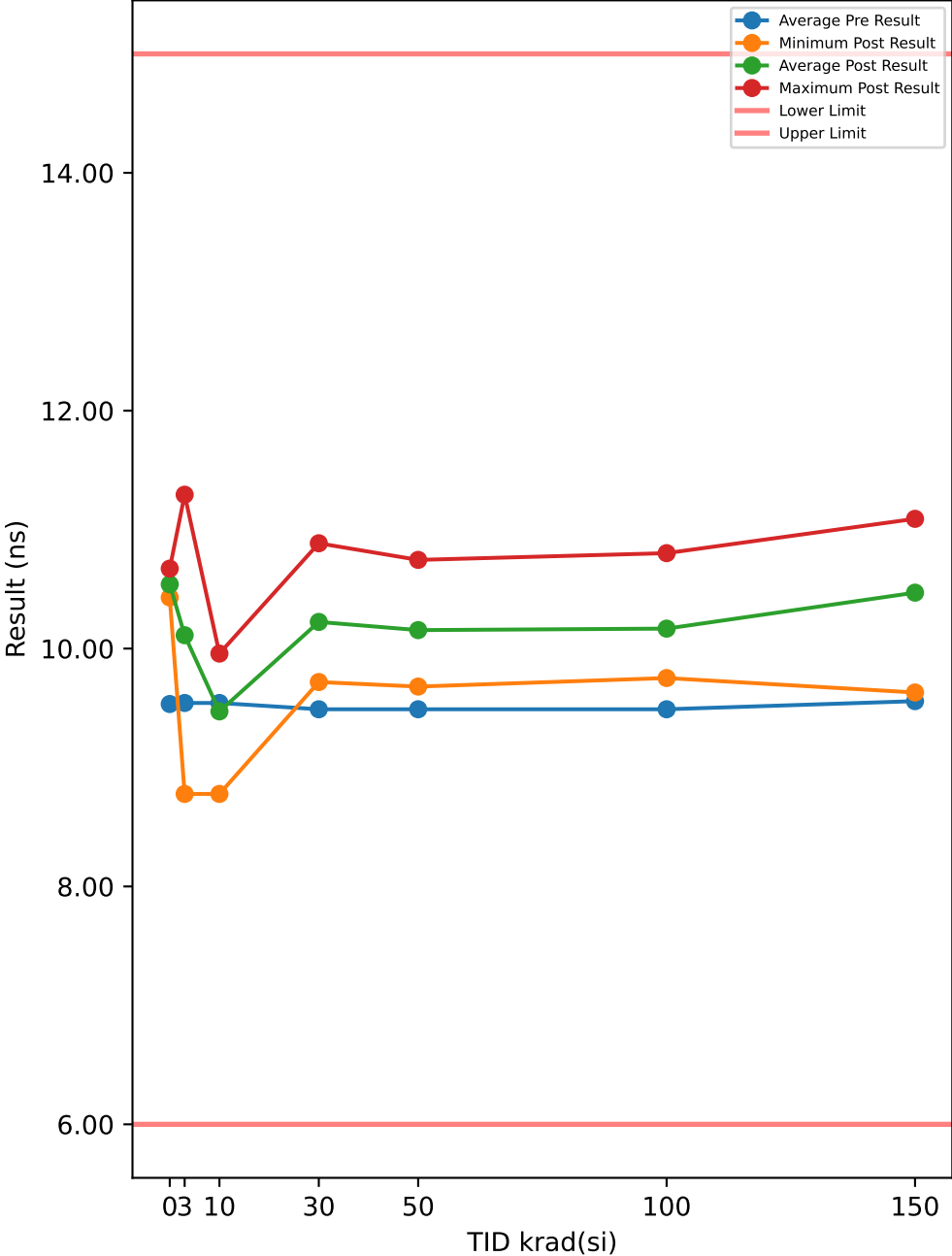
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	48.677	45.709	-2.9673
2	0	CORRELATION	45.992	47.902	1.9098
259	3	LDR Biased	47.448	48.683	1.2352
426	3	LDR Biased	47.374	48.719	1.3447
427	3	LDR Biased	47.671	48.921	1.2501
428	3	LDR Biased	46.474	47.482	1.0073
429	3	LDR Unbiased	46.125	47.234	1.1083
430	3	LDR Unbiased	48.776	49.848	1.0711
431	3	LDR Unbiased	48.664	49.805	1.1404
432	3	LDR Unbiased	46.75	47.828	1.0777
433	3	LDR Unbiased	47.944	49.045	1.1011
1259	10	LDR Biased	47.448	47.239	-0.2094
1426	10	LDR Biased	47.374	47.098	-0.2768
1427	10	LDR Biased	47.671	47.49	-0.1809
1428	10	LDR Biased	46.474	45.912	-0.5622
1429	10	LDR Unbiased	46.125	45.748	-0.3777
1430	10	LDR Unbiased	48.776	48.349	-0.4274
1431	10	LDR Unbiased	48.664	48.355	-0.3091
1432	10	LDR Unbiased	46.75	46.366	-0.384
1433	10	LDR Unbiased	47.944	47.442	-0.5012
2434	30	LDR Biased	45.6	45.333	-0.2673
2435	30	LDR Biased	48.825	48.381	-0.4445
2436	30	LDR Biased	44.98	44.639	-0.3402
2437	30	LDR Biased	47.86	47.335	-0.525
2438	30	LDR Biased	48	47.336	-0.664
2439	30	LDR Unbiased	48.167	47.849	-0.3175
2440	30	LDR Unbiased	49.187	48.718	-0.4696
2441	30	LDR Unbiased	48.677	48.203	-0.4736
2443	30	LDR Unbiased	45.992	45.239	-0.7532
2444	30	LDR Unbiased	45.913	45.513	-0.4004
3434	50	LDR Biased	45.6	44.803	-0.7969
3435	50	LDR Biased	48.825	47.99	-0.8353
3436	50	LDR Biased	44.98	43.988	-0.9921
3437	50	LDR Biased	47.86	46.768	-1.0921
3438	50	LDR Biased	48	46.628	-1.3717
3439	50	LDR Unbiased	48.167	46.925	-1.242
3440	50	LDR Unbiased	49.187	48.162	-1.0253
3441	50	LDR Unbiased	48.677	47.465	-1.2119
3443	50	LDR Unbiased	45.992	44.733	-1.2591
3444	50	LDR Unbiased	45.913	44.901	-1.0127
4434	100	LDR Biased	45.6	43.403	-2.1969
4435	100	LDR Biased	48.825	46.79	-2.0353
4436	100	LDR Biased	44.98	43.141	-1.8384
4437	100	LDR Biased	47.86	45.841	-2.0195
4438	100	LDR Biased	48	45.221	-2.7791
4439	100	LDR Unbiased	48.167	45.756	-2.4107
4440	100	LDR Unbiased	49.187	47.046	-2.1413
4441	100	LDR Unbiased	48.677	46.333	-2.344
4443	100	LDR Unbiased	45.992	43.703	-2.289
4444	100	LDR Unbiased	45.913	43.513	-2.4004
4500	150	LDR Biased	45.433	43.343	-2.0904
4501	150	LDR Biased	48.538	45.786	-2.7524
4502	150	LDR Biased	48.008	45.523	-2.4851
4503	150	LDR Biased	48.7	45.595	-3.1048
4504	150	LDR Biased	45.88	43.461	-2.4196
4505	150	LDR Unbiased	47.06	44.297	-2.7627
4506	150	LDR Unbiased	46.51	43.857	-2.6528
4507	150	LDR Unbiased	46.005	43.414	-2.5905
4508	150	LDR Unbiased	48.651	46.362	-2.289
4509	150	LDR Unbiased	48.088	45.328	-2.7601

Test Statistics (ns)

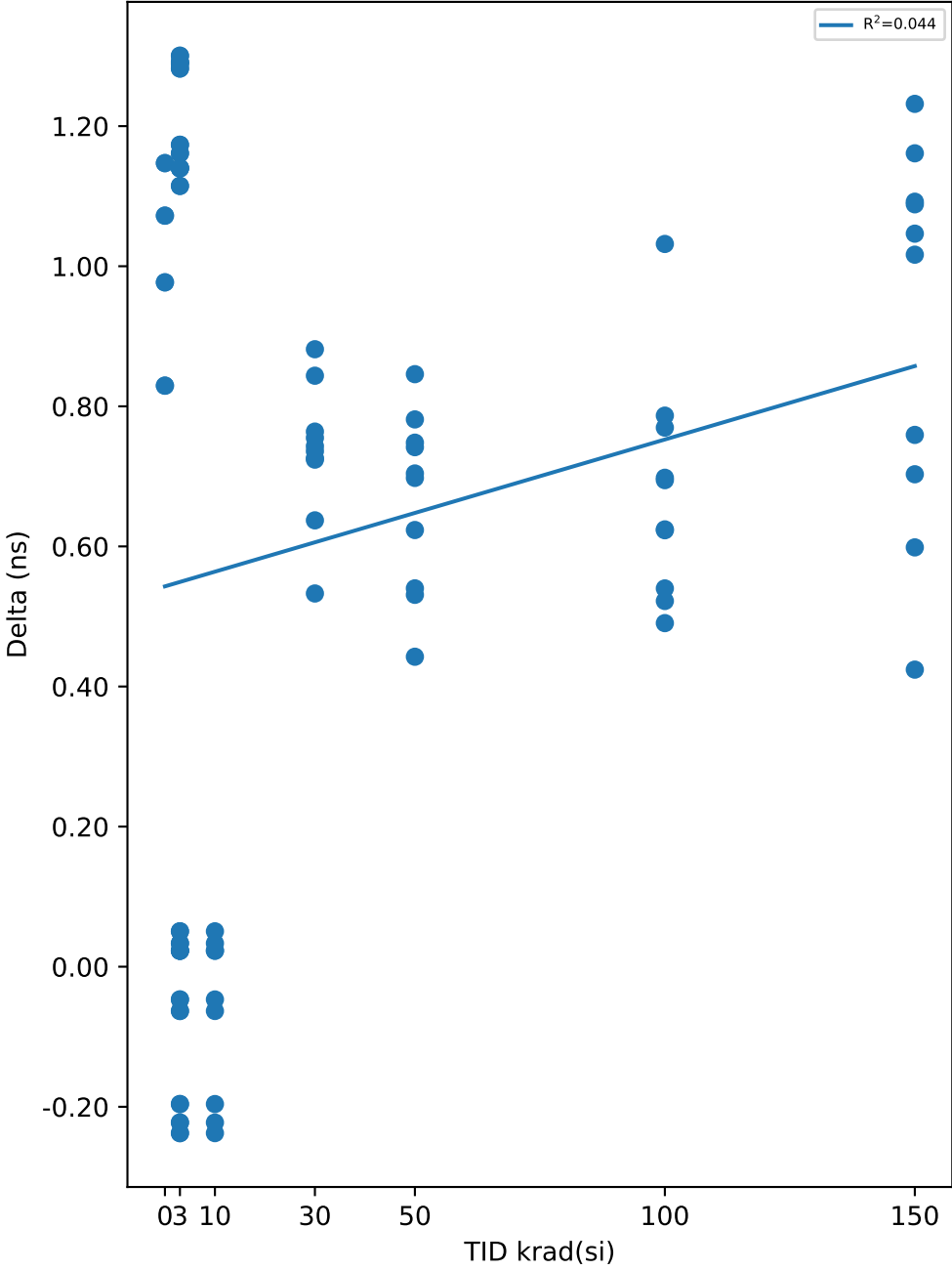
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	45.992	47.335	48.677	1.8979	45.709	46.806	47.902	1.5507	-2.9673	-0.52875	1.9098	3.4486
3	46.125	47.47	48.776	0.91689	47.234	48.618	49.848	0.93814	1.0073	1.1484	1.3447	0.10677
10	46.125	47.47	48.776	0.91689	45.748	47.111	48.355	0.94881	-0.5622	-0.35874	-0.1809	0.12773
30	44.98	47.32	49.187	1.5362	44.639	46.855	48.718	1.5167	-0.7532	-0.46553	-0.2673	0.15179
50	44.98	47.32	49.187	1.5362	43.988	46.236	48.162	1.5039	-1.3717	-1.0839	-0.7969	0.1874
100	44.98	47.32	49.187	1.5362	43.141	45.075	47.046	1.5031	-2.7791	-2.2455	-1.8384	0.26285
150	45.433	47.287	48.7	1.2604	43.343	44.697	46.362	1.141	-3.1048	-2.5907	-2.0904	0.28564

Device Test: 97.30 DHL Dead Time Small 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 6.0, Upper Limit = 15.0 (ns))

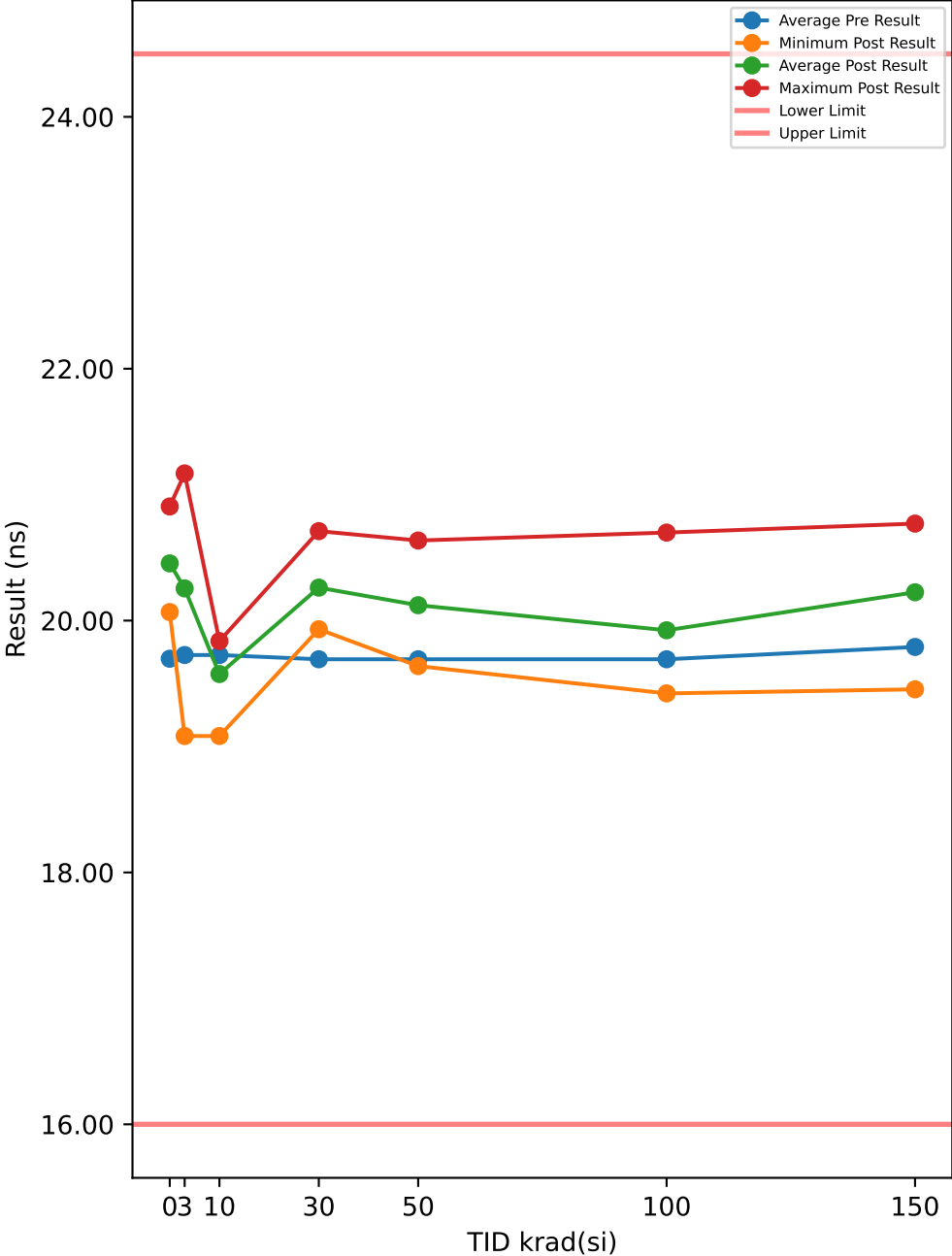
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	9.4673	10.444	0.977
2	0	CORRELATION	9.6001	10.43	0.8295
259	3	LDR Biased	9.4522	10.567	1.1147
426	3	LDR Biased	9.4019	10.691	1.2891
427	3	LDR Biased	10.154	11.294	1.1397
428	3	LDR Biased	9.7641	10.905	1.1404
429	3	LDR Unbiased	8.7273	10.01	1.2823
430	3	LDR Unbiased	9.6261	10.927	1.3005
431	3	LDR Unbiased	9.6199	10.781	1.1612
432	3	LDR Unbiased	9.3721	10.664	1.2918
433	3	LDR Unbiased	9.7651	10.938	1.1734
1259	10	LDR Biased	9.4522	9.2297	-0.2225
1426	10	LDR Biased	9.4019	9.4353	0.0334
1427	10	LDR Biased	10.154	9.9579	-0.1961
1428	10	LDR Biased	9.7641	9.7173	-0.0468
1429	10	LDR Unbiased	8.7273	8.7778	0.0505
1430	10	LDR Unbiased	9.6261	9.6491	0.023
1431	10	LDR Unbiased	9.6199	9.3823	-0.2376
1432	10	LDR Unbiased	9.3721	9.3948	0.0227
1433	10	LDR Unbiased	9.7651	9.7019	-0.0632
2434	30	LDR Biased	8.9826	9.7186	0.736
2435	30	LDR Biased	10.004	10.885	0.8815
2436	30	LDR Biased	9.2124	9.9763	0.7639
2437	30	LDR Biased	9.7704	10.614	0.8437
2438	30	LDR Biased	9.78	10.535	0.755
2439	30	LDR Unbiased	9.1835	9.9074	0.7239
2440	30	LDR Unbiased	9.3957	10.139	0.7431
2441	30	LDR Unbiased	9.4673	10	0.5328
2443	30	LDR Unbiased	9.6001	10.326	0.7261
2444	30	LDR Unbiased	9.5004	10.138	0.6372
3434	50	LDR Biased	8.9826	9.6804	0.6978
3435	50	LDR Biased	10.004	10.745	0.7417
3436	50	LDR Biased	9.2124	9.9937	0.7813
3437	50	LDR Biased	9.7704	10.31	0.5401
3438	50	LDR Biased	9.78	10.484	0.7041
3439	50	LDR Unbiased	9.1835	9.9316	0.7481
3440	50	LDR Unbiased	9.3957	10.242	0.8459
3441	50	LDR Unbiased	9.4673	10.091	0.6234
3443	50	LDR Unbiased	9.6001	10.131	0.5309
3444	50	LDR Unbiased	9.5004	9.9429	0.4425
4434	100	LDR Biased	8.9826	9.7522	0.7696
4435	100	LDR Biased	10.004	10.702	0.698
4436	100	LDR Biased	9.2124	9.9991	0.7867
4437	100	LDR Biased	9.7704	10.802	1.0318
4438	100	LDR Biased	9.78	10.475	0.6946
4439	100	LDR Unbiased	9.1835	9.8078	0.6243
4440	100	LDR Unbiased	9.3957	10.019	0.6231
4441	100	LDR Unbiased	9.4673	10.007	0.54
4443	100	LDR Unbiased	9.6001	10.122	0.5221
4444	100	LDR Unbiased	9.5004	9.9909	0.4905
4500	150	LDR Biased	9.6381	10.397	0.7592
4501	150	LDR Biased	9.2227	10.239	1.0165
4502	150	LDR Biased	9.5154	10.677	1.1612
4503	150	LDR Biased	9.919	10.966	1.0465
4504	150	LDR Biased	10.002	11.091	1.0884
4505	150	LDR Unbiased	9.2519	10.344	1.0921
4506	150	LDR Unbiased	9.5093	10.741	1.2318
4507	150	LDR Unbiased	10.043	10.467	0.4241
4508	150	LDR Unbiased	9.0322	9.6308	0.5986
4509	150	LDR Unbiased	9.4446	10.148	0.703

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	9.4673	9.5337	9.6001	0.093904	10.43	10.437	10.444	0.010394	0.8295	0.90325	0.977	0.1043
3	8.7273	9.5425	10.154	0.38844	10.01	10.753	11.294	0.34995	1.1147	1.2103	1.3005	0.078226
10	8.7273	9.5425	10.154	0.38844	8.7778	9.4718	9.9579	0.34214	-0.2376	-0.070733	0.0505	0.11741
30	8.9826	9.4896	10.004	0.31213	9.7186	10.224	10.885	0.36187	0.5328	0.73432	0.8815	0.097312
50	8.9826	9.4896	10.004	0.31213	9.6804	10.155	10.745	0.30542	0.4425	0.66558	0.8459	0.12757
100	8.9826	9.4896	10.004	0.31213	9.7522	10.168	10.802	0.36421	0.4905	0.67807	1.0318	0.16002
150	9.0322	9.5579	10.043	0.34472	9.6308	10.47	11.091	0.42554	0.4241	0.91214	1.2318	0.27085

Device Test: 97.31 DHL Dead Time Mid 2MHz VIN_14V

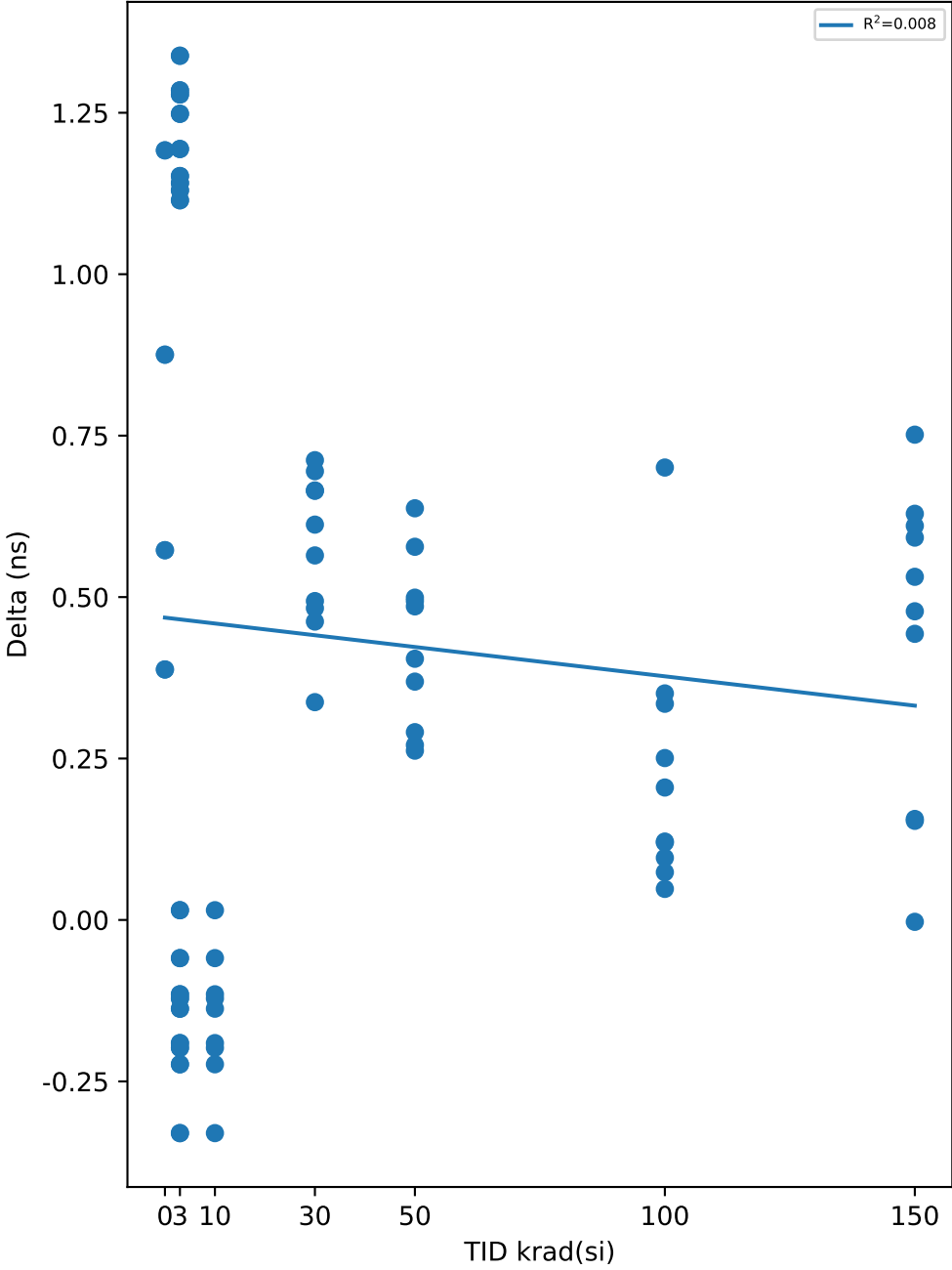
TID vs Result Stats



Test Results (Lower Limit = 16.0, Upper Limit = 24.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.68	20.068	0.3879
2	0	CORRELATION	19.714	20.59	0.8754
259	3	LDR Biased	19.822	21.07	1.2484
426	3	LDR Biased	19.808	21.086	1.2783
427	3	LDR Biased	19.941	21.082	1.1412
428	3	LDR Biased	19.974	21.168	1.1939
429	3	LDR Unbiased	19.142	20.427	1.2847
430	3	LDR Unbiased	19.722	21.06	1.3383
431	3	LDR Unbiased	19.494	20.608	1.1145
432	3	LDR Unbiased	19.762	20.914	1.152
433	3	LDR Unbiased	19.872	21.002	1.1299
1259	10	LDR Biased	19.822	19.599	-0.2235
1426	10	LDR Biased	19.808	19.686	-0.1215
1427	10	LDR Biased	19.941	19.75	-0.1907
1428	10	LDR Biased	19.974	19.837	-0.1374
1429	10	LDR Unbiased	19.142	19.083	-0.0591
1430	10	LDR Unbiased	19.722	19.737	0.0151
1431	10	LDR Unbiased	19.494	19.164	-0.3301
1432	10	LDR Unbiased	19.762	19.564	-0.198
1433	10	LDR Unbiased	19.872	19.757	-0.1151
2434	30	LDR Biased	19.366	19.931	0.5645
2435	30	LDR Biased	19.828	20.523	0.6949
2436	30	LDR Biased	19.566	20.06	0.4938
2437	30	LDR Biased	19.998	20.71	0.712
2438	30	LDR Biased	19.953	20.565	0.6122
2439	30	LDR Unbiased	19.348	20.013	0.6651
2440	30	LDR Unbiased	19.632	20.115	0.4828
2441	30	LDR Unbiased	19.68	20.017	0.3373
2443	30	LDR Unbiased	19.714	20.176	0.4621
2444	30	LDR Unbiased	19.843	20.508	0.6646
3434	50	LDR Biased	19.366	19.86	0.494
3435	50	LDR Biased	19.828	20.09	0.2622
3436	50	LDR Biased	19.566	20.144	0.5779
3437	50	LDR Biased	19.998	20.636	0.6375
3438	50	LDR Biased	19.953	20.438	0.4856
3439	50	LDR Unbiased	19.348	19.639	0.2908
3440	50	LDR Unbiased	19.632	20.037	0.4045
3441	50	LDR Unbiased	19.68	20.179	0.4991
3443	50	LDR Unbiased	19.714	20.083	0.3691
3444	50	LDR Unbiased	19.843	20.114	0.2708
4434	100	LDR Biased	19.366	19.617	0.2507
4435	100	LDR Biased	19.828	20.178	0.3508
4436	100	LDR Biased	19.566	19.901	0.3348
4437	100	LDR Biased	19.998	20.699	0.7006
4438	100	LDR Biased	19.953	20.158	0.2051
4439	100	LDR Unbiased	19.348	19.422	0.0739
4440	100	LDR Unbiased	19.632	19.728	0.0962
4441	100	LDR Unbiased	19.68	19.728	0.0481
4443	100	LDR Unbiased	19.714	19.836	0.1214
4444	100	LDR Unbiased	19.843	19.963	0.1199
4500	150	LDR Biased	19.959	20.402	0.4431
4501	150	LDR Biased	19.6	20.229	0.629
4502	150	LDR Biased	19.58	20.332	0.7515
4503	150	LDR Biased	20.239	20.77	0.5314
4504	150	LDR Biased	20.238	20.716	0.478
4505	150	LDR Unbiased	19.548	20.159	0.6103
4506	150	LDR Unbiased	19.744	20.336	0.5921
4507	150	LDR Unbiased	20.095	20.092	-0.0029
4508	150	LDR Unbiased	19.301	19.454	0.1535
4509	150	LDR Unbiased	19.603	19.759	0.1564

TID vs Post - Pre Exposure Delta

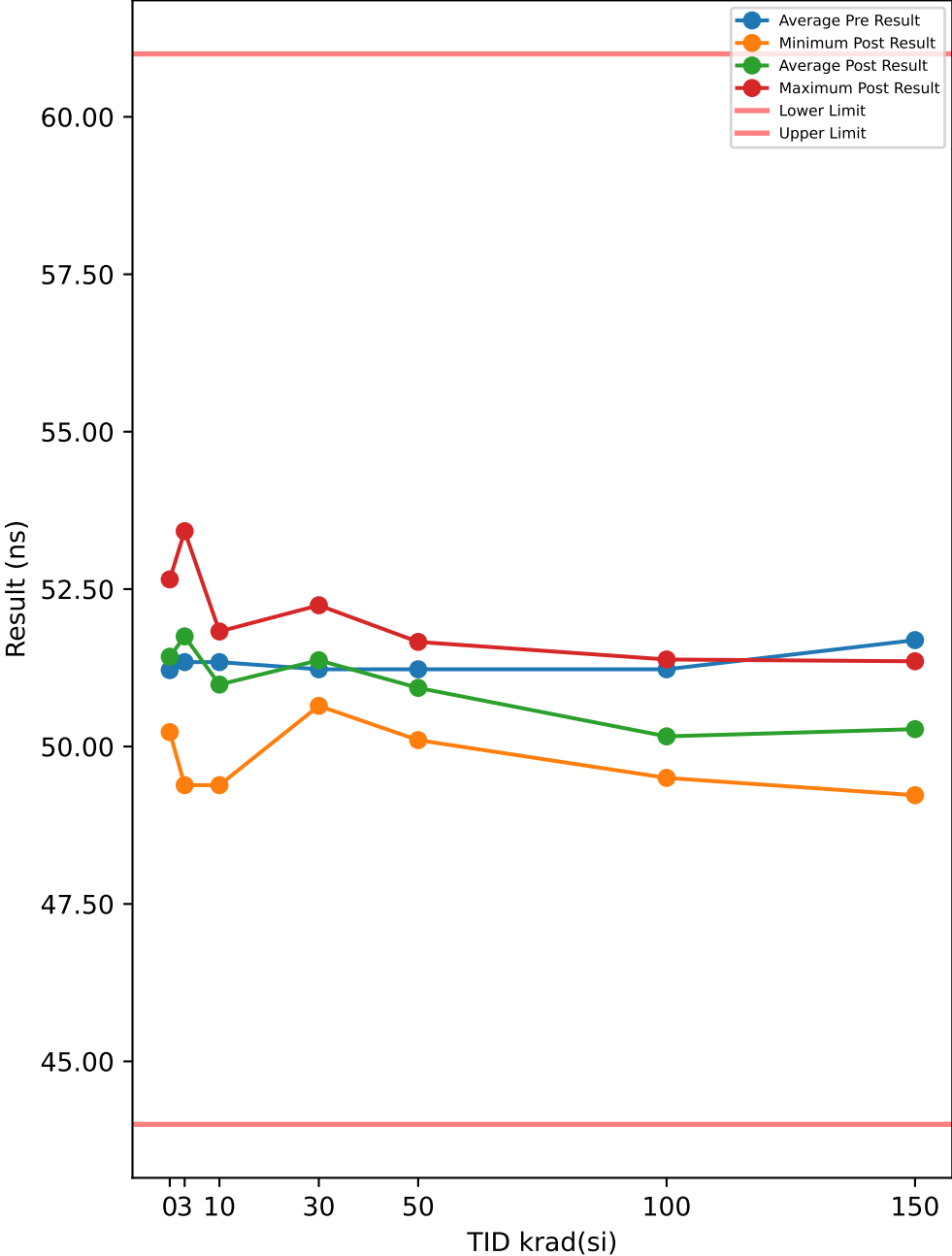


Test Statistics (ns)

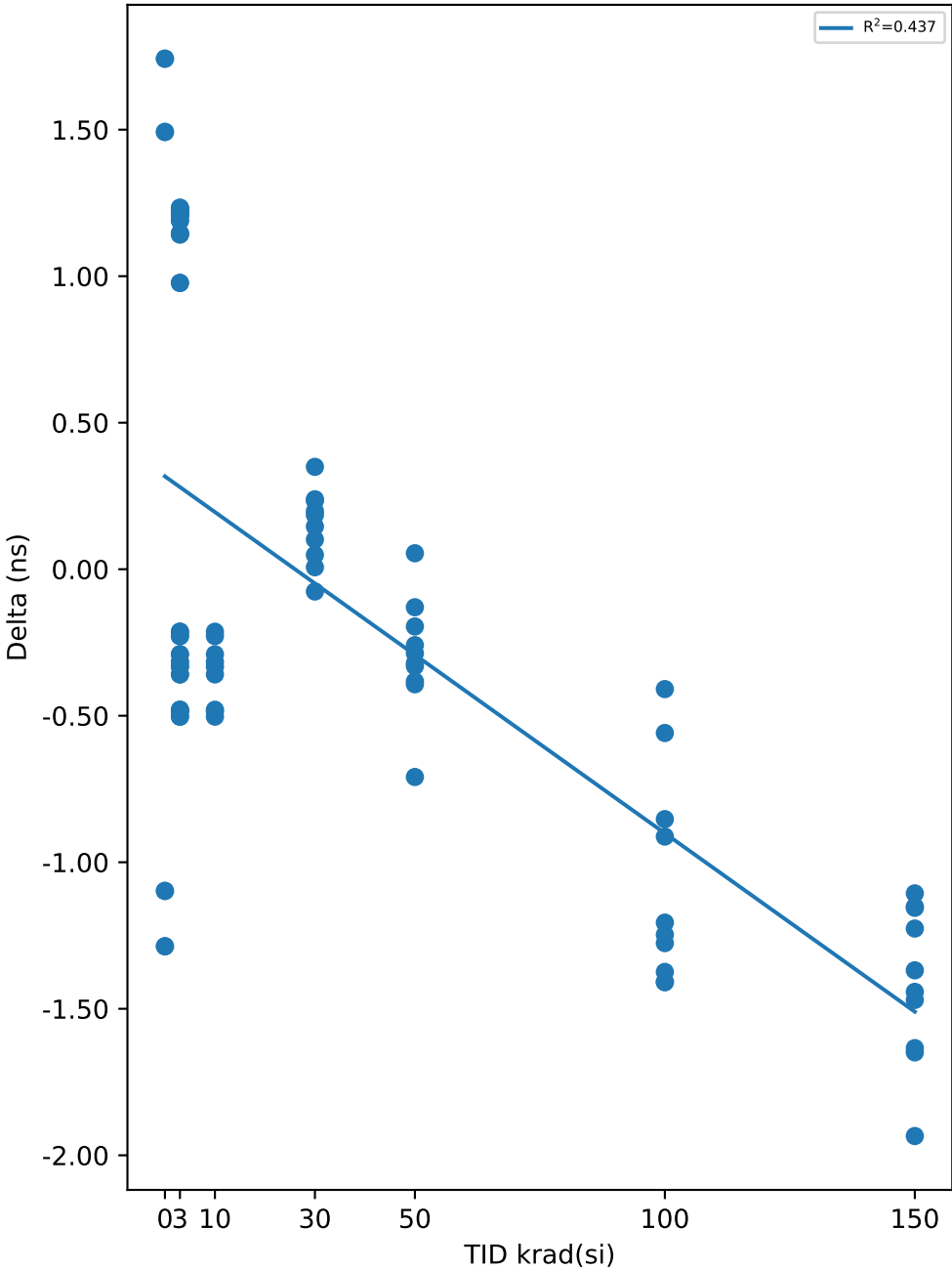
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	19.68	19.697	19.714	0.024254	20.068	20.329	20.59	0.36897	0.3879	0.63165	0.8754	0.34471
3	19.142	19.726	19.974	0.26006	20.427	20.935	21.168	0.25061	1.1145	1.209	1.3383	0.080673
10	19.142	19.726	19.974	0.26006	19.083	19.575	19.837	0.26989	-0.3301	-0.15114	0.0151	0.099685
30	19.348	19.693	19.998	0.22294	19.931	20.262	20.71	0.28324	0.3373	0.56893	0.712	0.12237
50	19.348	19.693	19.998	0.22294	19.639	20.122	20.636	0.27477	0.2622	0.42915	0.6375	0.13086
100	19.348	19.693	19.998	0.22294	19.422	19.923	20.699	0.35785	0.0481	0.23015	0.7006	0.19646
150	19.301	19.791	20.239	0.32291	19.454	20.225	20.77	0.39804	-0.0029	0.43424	0.7515	0.24789

Device Test: 97.32 DHL Dead Time Large 2MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



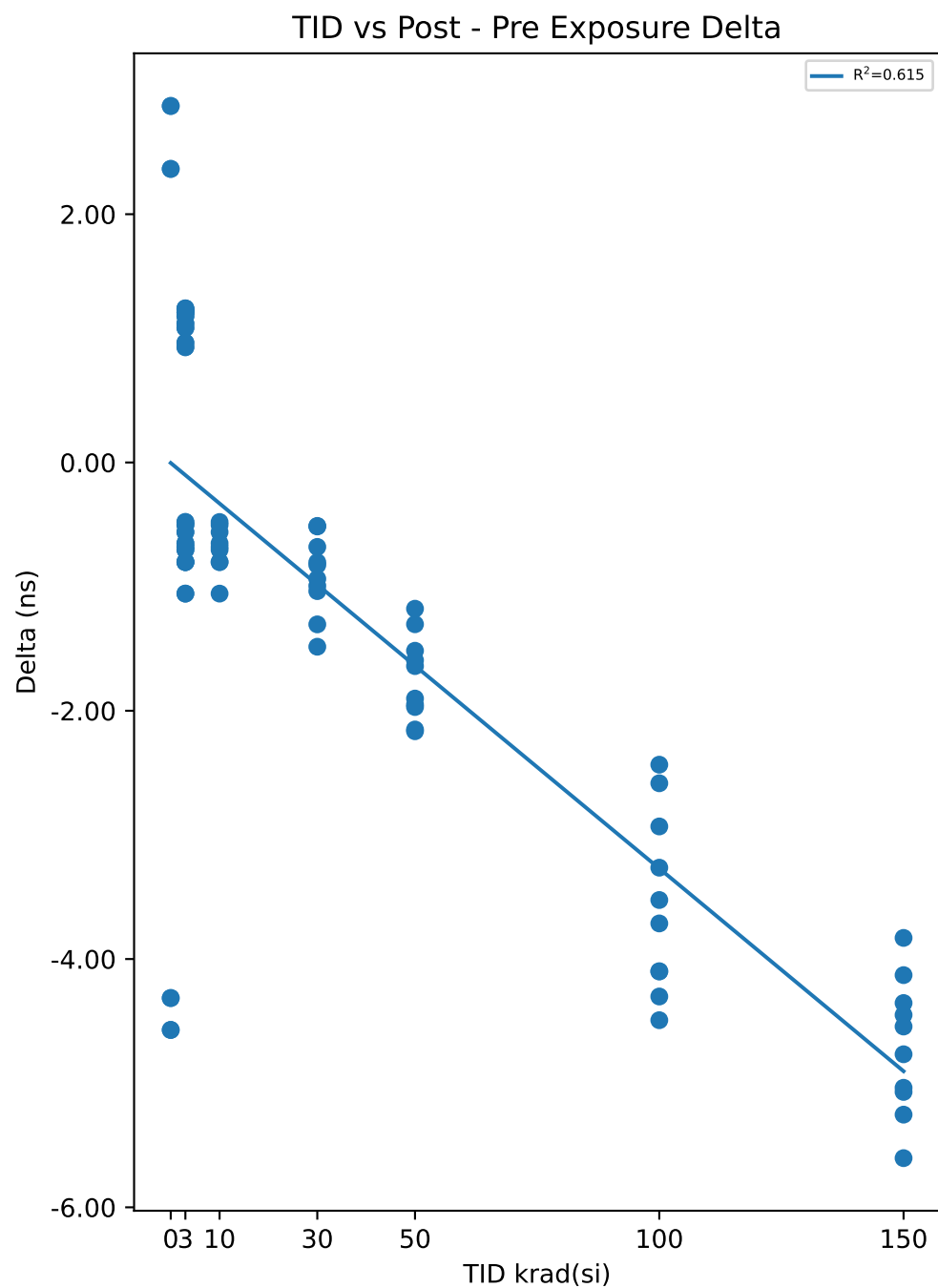
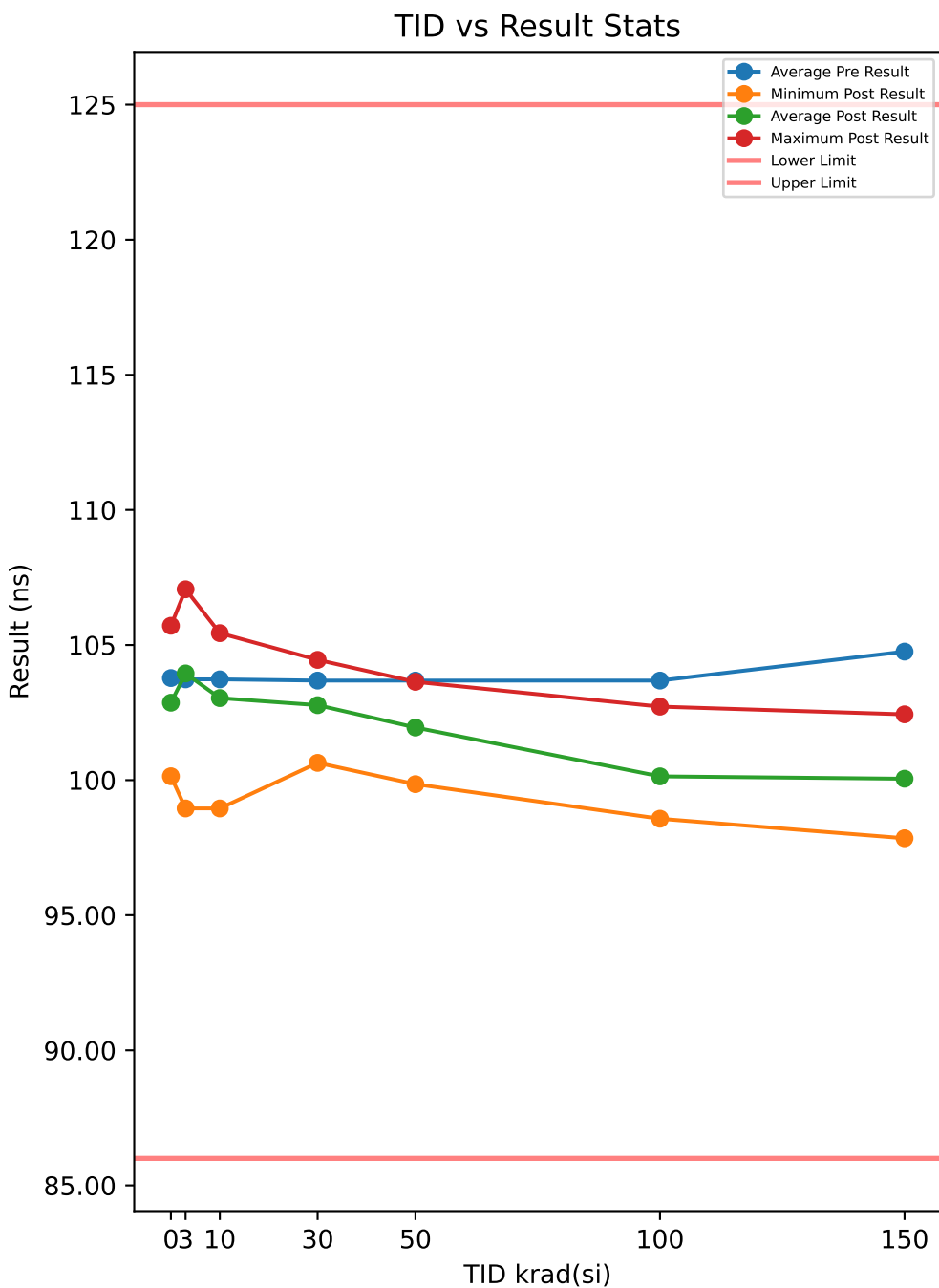
Test Results (Lower Limit = 44.0, Upper Limit = 61.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	51.515	50.228	-1.2867
2	0	CORRELATION	50.911	52.404	1.4923
259	3	LDR Biased	52.214	53.42	1.2067
426	3	LDR Biased	52.055	53.284	1.2291
427	3	LDR Biased	50.291	51.268	0.977
428	3	LDR Biased	51.878	53.111	1.2334
429	3	LDR Unbiased	51.371	52.56	1.1896
430	3	LDR Unbiased	51.063	52.283	1.2201
431	3	LDR Unbiased	49.872	51.019	1.1463
432	3	LDR Unbiased	51.851	53.059	1.2083
433	3	LDR Unbiased	51.468	52.611	1.1424
1259	10	LDR Biased	52.214	51.734	-0.4796
1426	10	LDR Biased	52.055	51.827	-0.2283
1427	10	LDR Biased	50.291	49.788	-0.5031
1428	10	LDR Biased	51.878	51.588	-0.2903
1429	10	LDR Unbiased	51.371	51.038	-0.3326
1430	10	LDR Unbiased	51.063	50.85	-0.2133
1431	10	LDR Unbiased	49.872	49.387	-0.4855
1432	10	LDR Unbiased	51.851	51.535	-0.3166
1433	10	LDR Unbiased	51.468	51.11	-0.3589
2434	30	LDR Biased	51.164	51.362	0.198
2435	30	LDR Biased	50.297	50.646	0.3494
2436	30	LDR Biased	51.209	51.258	0.0488
2437	30	LDR Biased	51.791	51.937	0.1457
2438	30	LDR Biased	51.527	51.712	0.1852
2439	30	LDR Unbiased	50.749	50.983	0.2339
2440	30	LDR Unbiased	51.096	51.02	-0.076
2441	30	LDR Unbiased	51.515	51.522	0.0067
2443	30	LDR Unbiased	50.911	51.013	0.1012
2444	30	LDR Unbiased	52.005	52.243	0.2387
3434	50	LDR Biased	51.164	50.771	-0.3926
3435	50	LDR Biased	50.297	50.101	-0.1954
3436	50	LDR Biased	51.209	51.264	0.0545
3437	50	LDR Biased	51.791	51.661	-0.1298
3438	50	LDR Biased	51.527	51.206	-0.3207
3439	50	LDR Unbiased	50.749	50.418	-0.3307
3440	50	LDR Unbiased	51.096	50.713	-0.3827
3441	50	LDR Unbiased	51.515	51.256	-0.2591
3443	50	LDR Unbiased	50.911	50.624	-0.2871
3444	50	LDR Unbiased	52.005	51.295	-0.709
4434	100	LDR Biased	51.164	49.958	-1.206
4435	100	LDR Biased	50.297	49.738	-0.5589
4436	100	LDR Biased	51.209	50.297	-0.9123
4437	100	LDR Biased	51.791	51.382	-0.4091
4438	100	LDR Biased	51.527	50.251	-1.2759
4439	100	LDR Unbiased	50.749	49.502	-1.2471
4440	100	LDR Unbiased	51.096	49.721	-1.3743
4441	100	LDR Unbiased	51.515	50.107	-1.4078
4443	100	LDR Unbiased	50.911	50.059	-0.8529
4444	100	LDR Unbiased	52.005	50.595	-1.4096
4500	150	LDR Biased	52.505	51.354	-1.1518
4501	150	LDR Biased	52.058	50.424	-1.6343
4502	150	LDR Biased	51.446	49.976	-1.4698
4503	150	LDR Biased	52.722	51.28	-1.4423
4504	150	LDR Biased	51.545	50.319	-1.2262
4505	150	LDR Unbiased	51.58	50.474	-1.1063
4506	150	LDR Unbiased	51.427	50.272	-1.1554
4507	150	LDR Unbiased	51.376	49.441	-1.9343
4508	150	LDR Unbiased	50.876	49.227	-1.6488
4509	150	LDR Unbiased	51.363	49.994	-1.3688

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	50.911	51.213	51.515	0.42674	50.228	51.316	52.404	1.5383	-1.2867	0.1028	1.4923	1.965
3	49.872	51.34	52.214	0.80426	51.019	52.513	53.42	0.86048	0.977	1.1725	1.2334	0.080416
10	49.872	51.34	52.214	0.80426	49.387	50.984	51.827	0.86311	-0.5031	-0.35647	-0.2133	0.10999
30	50.297	51.226	52.005	0.50669	50.646	51.37	52.243	0.48998	-0.076	0.14316	0.3494	0.12561
50	50.297	51.226	52.005	0.50669	50.101	50.931	51.661	0.48037	-0.709	-0.29526	0.0545	0.19756
100	50.297	51.226	52.005	0.50669	49.502	50.161	51.382	0.53412	-1.4096	-1.0654	-0.4091	0.36272
150	50.876	51.69	52.722	0.56729	49.227	50.276	51.354	0.68302	-1.9343	-1.4138	-1.1063	0.26789

Device Test: 97.33 DHL Dead Time Max 2MHz VIN_14V



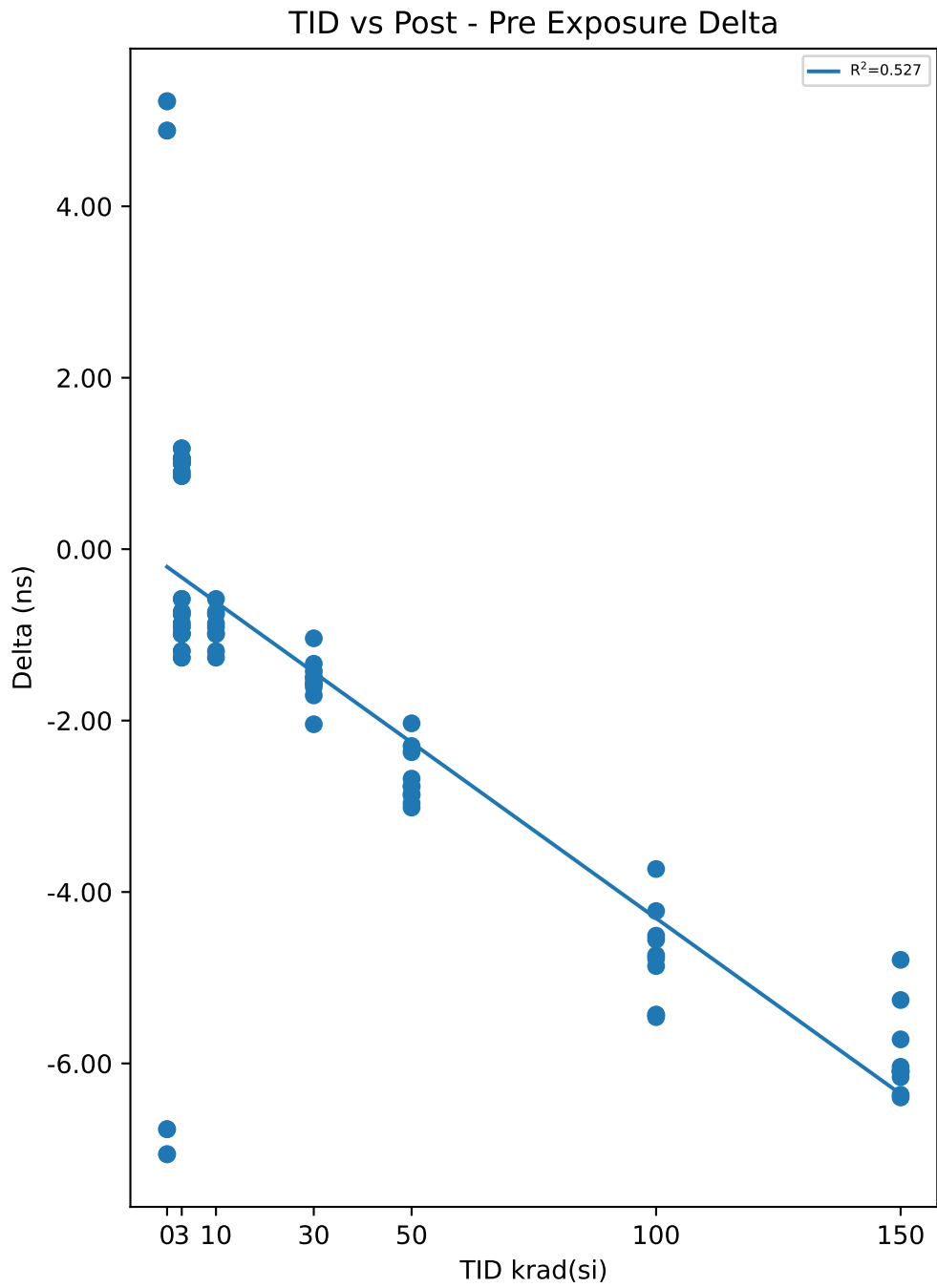
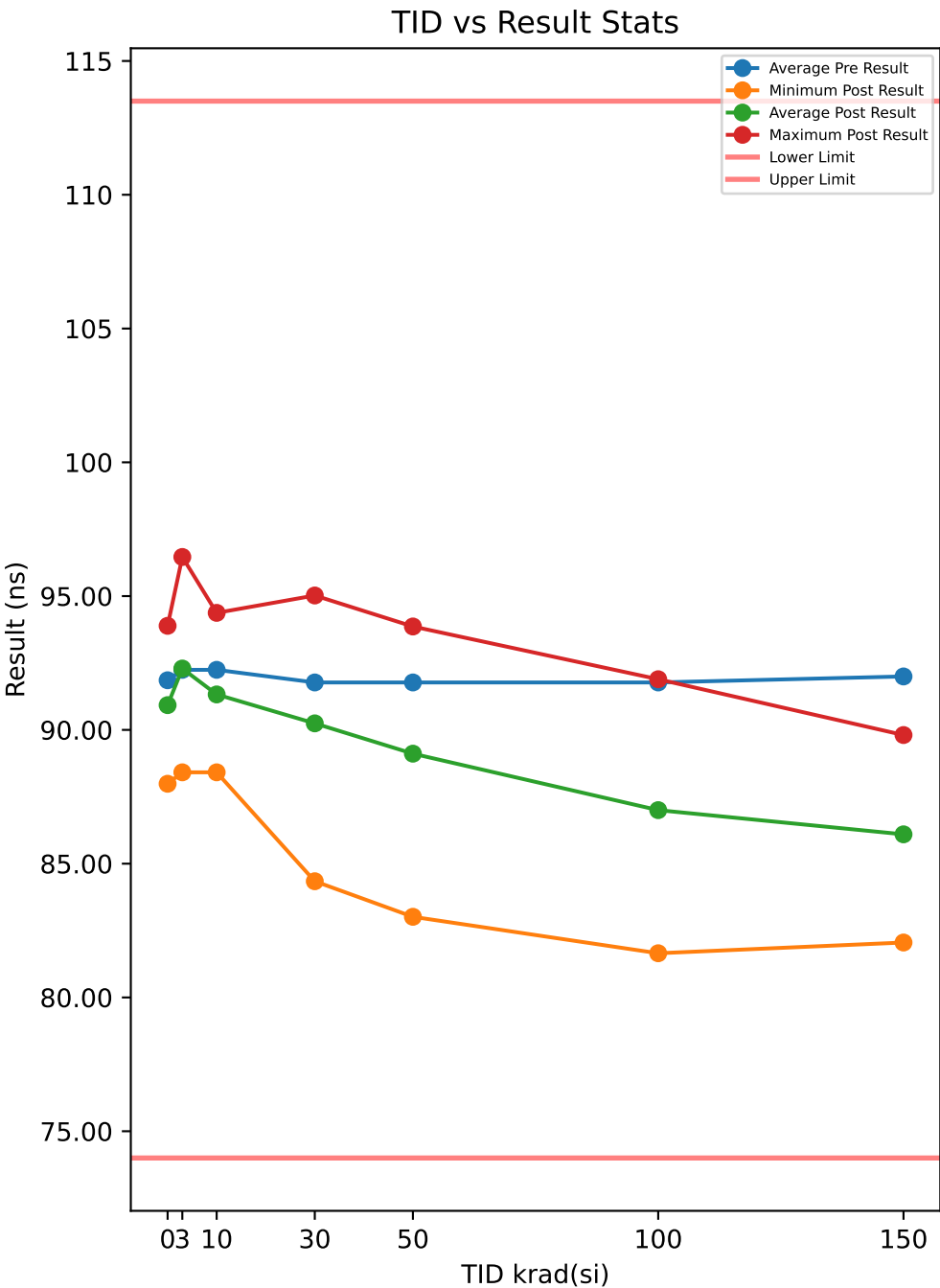
Test Results (Lower Limit = 86.0,
Upper Limit = 125.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	104.71	100.14	-4.5711
2	0	CORRELATION	102.84	105.21	2.3649
259	3	LDR Biased	105.72	106.93	1.2105
426	3	LDR Biased	105.94	107.06	1.1199
427	3	LDR Biased	100.1	101.03	0.9286
428	3	LDR Biased	104.85	106.03	1.1783
429	3	LDR Unbiased	104.21	105.45	1.2414
430	3	LDR Unbiased	102.55	103.63	1.084
431	3	LDR Unbiased	99.754	100.99	1.2316
432	3	LDR Unbiased	105.65	106.86	1.2088
433	3	LDR Unbiased	104.78	105.75	0.9647
1259	10	LDR Biased	105.72	105.07	-0.6507
1426	10	LDR Biased	105.94	105.44	-0.5031
1427	10	LDR Biased	100.1	99.302	-0.8023
1428	10	LDR Biased	104.85	104.15	-0.7035
1429	10	LDR Unbiased	104.21	103.53	-0.68
1430	10	LDR Unbiased	102.55	102.07	-0.4794
1431	10	LDR Unbiased	99.754	98.952	-0.8018
1432	10	LDR Unbiased	105.65	105.09	-0.561
1433	10	LDR Unbiased	104.78	103.73	-1.0563
2434	30	LDR Biased	103.5	102.56	-0.9374
2435	30	LDR Biased	101.15	100.64	-0.5155
2436	30	LDR Biased	103.85	103.34	-0.511
2437	30	LDR Biased	105.15	104.33	-0.826
2438	30	LDR Biased	104.1	103.07	-1.0363
2439	30	LDR Unbiased	102.45	101.65	-0.8037
2440	30	LDR Unbiased	103.63	102.14	-1.4843
2441	30	LDR Unbiased	104.71	103.41	-1.3042
2443	30	LDR Unbiased	102.84	102.16	-0.6802
2444	30	LDR Unbiased	105.44	104.45	-0.9936
3434	50	LDR Biased	103.5	101.53	-1.9699
3435	50	LDR Biased	101.15	99.851	-1.3032
3436	50	LDR Biased	103.85	102.67	-1.1781
3437	50	LDR Biased	105.15	103.64	-1.5167
3438	50	LDR Biased	104.1	102.2	-1.9018
3439	50	LDR Unbiased	102.45	100.86	-1.5931
3440	50	LDR Unbiased	103.63	101.46	-2.165
3441	50	LDR Unbiased	104.71	102.76	-1.9508
3443	50	LDR Unbiased	102.84	101.2	-1.6402
3444	50	LDR Unbiased	105.44	103.29	-2.151
4434	100	LDR Biased	103.5	99.788	-3.7133
4435	100	LDR Biased	101.15	98.57	-2.5841
4436	100	LDR Biased	103.85	100.58	-3.264
4437	100	LDR Biased	105.15	102.72	-2.4344
4438	100	LDR Biased	104.1	100	-4.1001
4439	100	LDR Unbiased	102.45	98.926	-3.5246
4440	100	LDR Unbiased	103.63	99.325	-4.3018
4441	100	LDR Unbiased	104.71	100.22	-4.4927
4443	100	LDR Unbiased	102.84	99.909	-2.9319
4444	100	LDR Unbiased	105.44	101.35	-4.0984
4500	150	LDR Biased	106.56	102.43	-4.1296
4501	150	LDR Biased	106.06	100.46	-5.6039
4502	150	LDR Biased	104.54	99.508	-5.0371
4503	150	LDR Biased	106.9	101.83	-5.0704
4504	150	LDR Biased	103.86	99.409	-4.4504
4505	150	LDR Unbiased	104.9	101.07	-3.8299
4506	150	LDR Unbiased	103.76	99.407	-4.3545
4507	150	LDR Unbiased	103.1	97.848	-5.2534
4508	150	LDR Unbiased	103.57	98.8	-4.7671
4509	150	LDR Unbiased	104.3	99.754	-4.5436

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	102.84	103.78	104.71	1.3248	100.14	102.67	105.21	3.5797	-4.5711	-1.1031	2.3649	4.9045
3	99.754	103.73	105.94	2.3847	100.99	104.86	107.06	2.4189	0.9286	1.1298	1.2414	0.11611
10	99.754	103.73	105.94	2.3847	98.952	103.04	105.44	2.4404	-1.0563	-0.69312	-0.4794	0.17922
30	101.15	103.68	105.44	1.2992	100.64	102.77	104.45	1.187	-1.4843	-0.90922	-0.511	0.31533
50	101.15	103.68	105.44	1.2992	99.851	101.95	103.64	1.1769	-2.165	-1.737	-1.1781	0.34333
100	101.15	103.68	105.44	1.2992	98.57	100.14	102.72	1.2069	-4.4927	-3.5445	-2.4344	0.72462
150	103.1	104.76	106.9	1.325	97.848	100.05	102.43	1.4013	-5.6039	-4.704	-3.8299	0.54437

Device Test: 97.4 DLH Dead Time Max 500kHz VIN_14V



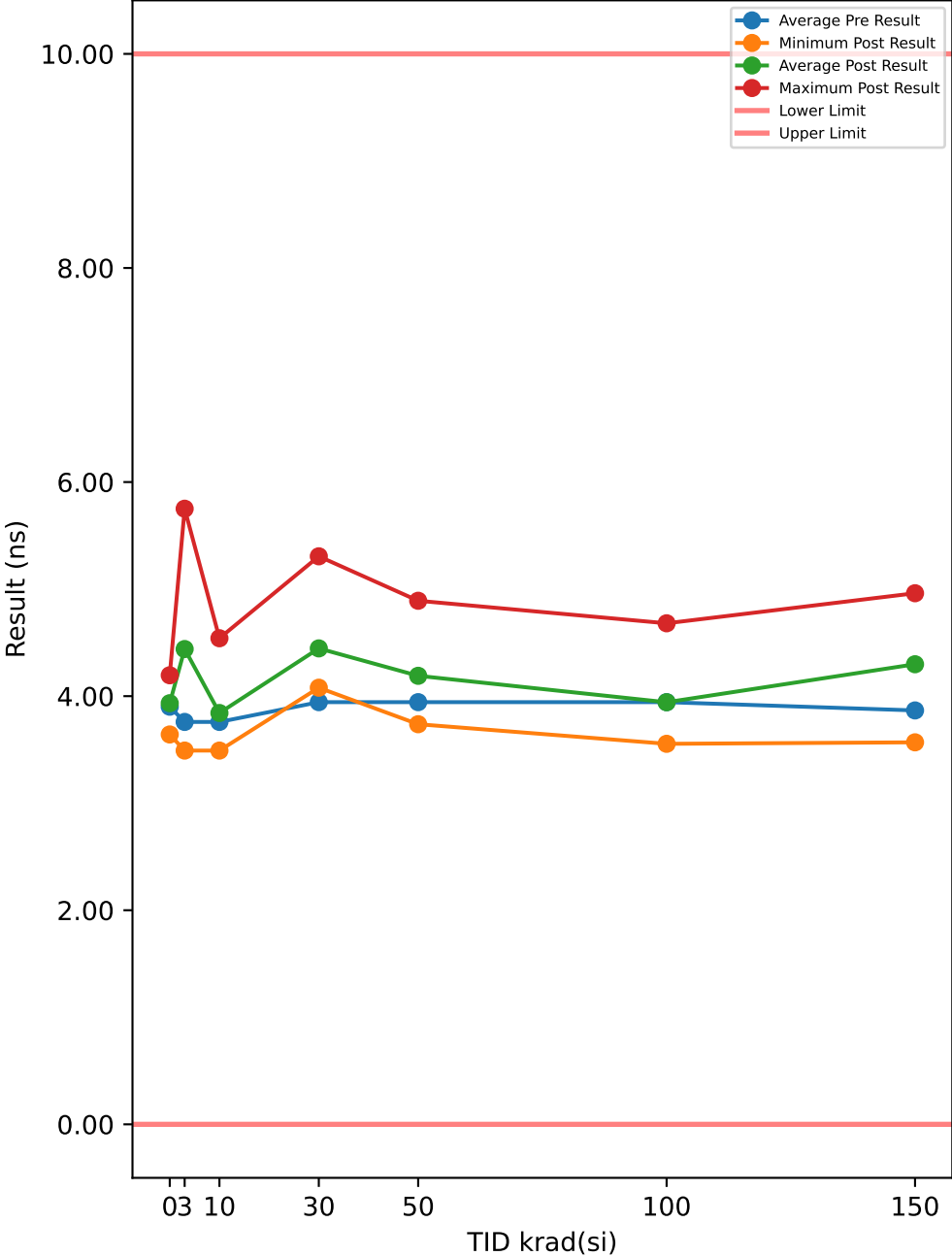
Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	95.046	87.986	-7.0593
2	0	CORRELATION	88.664	93.547	4.8836
259	3	LDR Biased	92.427	93.475	1.0481
426	3	LDR Biased	91.537	92.54	1.0027
427	3	LDR Biased	92.734	93.793	1.0585
428	3	LDR Biased	90.224	91.4	1.1759
429	3	LDR Unbiased	89.4	90.4	1.0002
430	3	LDR Unbiased	95.563	96.462	0.8994
431	3	LDR Unbiased	94.212	95.268	1.0562
432	3	LDR Unbiased	90.17	91.223	1.0536
433	3	LDR Unbiased	93.934	94.786	0.8523
1259	10	LDR Biased	92.427	91.519	-0.908
1426	10	LDR Biased	91.537	90.671	-0.8654
1427	10	LDR Biased	92.734	92.003	-0.7312
1428	10	LDR Biased	90.224	89.234	-0.9895
1429	10	LDR Unbiased	89.4	88.414	-0.9863
1430	10	LDR Unbiased	95.563	94.374	-1.1892
1431	10	LDR Unbiased	94.212	93.452	-0.76
1432	10	LDR Unbiased	90.17	89.589	-0.5808
1433	10	LDR Unbiased	93.934	92.668	-1.266
2434	30	LDR Biased	87.61	86.273	-1.3375
2435	30	LDR Biased	95.486	94.062	-1.4243
2436	30	LDR Biased	85.383	84.343	-1.0403
2437	30	LDR Biased	93.161	91.595	-1.5658
2438	30	LDR Biased	92.44	90.947	-1.4935
2439	30	LDR Unbiased	94.548	92.981	-1.5671
2440	30	LDR Unbiased	96.63	95.023	-1.6072
2441	30	LDR Unbiased	95.046	93.003	-2.0429
2443	30	LDR Unbiased	88.664	86.957	-1.7062
2444	30	LDR Unbiased	88.759	87.256	-1.5034
3434	50	LDR Biased	87.61	85.314	-2.2966
3435	50	LDR Biased	95.486	93.454	-2.0322
3436	50	LDR Biased	85.383	83.014	-2.369
3437	50	LDR Biased	93.161	90.394	-2.7675
3438	50	LDR Biased	92.44	89.763	-2.6776
3439	50	LDR Unbiased	94.548	91.692	-2.8563
3440	50	LDR Unbiased	96.63	93.864	-2.7658
3441	50	LDR Unbiased	95.046	92.081	-2.9642
3443	50	LDR Unbiased	88.664	85.649	-3.015
3444	50	LDR Unbiased	88.759	85.887	-2.872
4434	100	LDR Biased	87.61	83.101	-4.5095
4435	100	LDR Biased	95.486	90.93	-4.5559
4436	100	LDR Biased	85.383	81.652	-3.7316
4437	100	LDR Biased	93.161	88.939	-4.2222
4438	100	LDR Biased	92.44	86.98	-5.4601
4439	100	LDR Unbiased	94.548	89.118	-5.4303
4440	100	LDR Unbiased	96.63	91.893	-4.7372
4441	100	LDR Unbiased	95.046	89.611	-5.4342
4443	100	LDR Unbiased	88.664	83.888	-4.7756
4444	100	LDR Unbiased	88.759	83.895	-4.864
4500	150	LDR Biased	86.844	82.053	-4.7913
4501	150	LDR Biased	95.009	88.644	-6.3656
4502	150	LDR Biased	94.248	88.529	-5.7192
4503	150	LDR Biased	95.215	88.818	-6.3971
4504	150	LDR Biased	88.301	83.041	-5.2603
4505	150	LDR Unbiased	90.845	84.751	-6.0942
4506	150	LDR Unbiased	90.418	84.258	-6.16
4507	150	LDR Unbiased	89.112	83.072	-6.0394
4508	150	LDR Unbiased	95.896	89.808	-6.0882
4509	150	LDR Unbiased	94.082	87.987	-6.0954

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	88.664	91.855	95.046	4.5126	87.986	90.767	93.547	3.9323	-7.0593	-1.0879	4.8836	8.4449
3	89.4	92.244	95.563	2.0913	90.4	93.261	96.462	2.0387	0.8523	1.0163	1.1759	0.095035
10	89.4	92.244	95.563	2.0913	88.414	91.325	94.374	2.0126	-1.266	-0.9196	-0.5808	0.21818
30	85.383	91.773	96.63	3.874	84.343	90.244	95.023	3.7292	-2.0429	-1.5288	-1.0403	0.25664
50	85.383	91.773	96.63	3.874	83.014	89.111	93.864	3.8439	-3.015	-2.6616	-2.0322	0.32248
100	85.383	91.773	96.63	3.874	81.652	87.001	91.893	3.6146	-5.4601	-4.7721	-3.7316	0.56326
150	86.844	91.997	95.896	3.2728	82.053	86.096	89.808	2.9284	-6.3971	-5.9011	-4.7913	0.50918

Device Test: 97.5 DLH Dead Time Min 1MHz VIN_14V

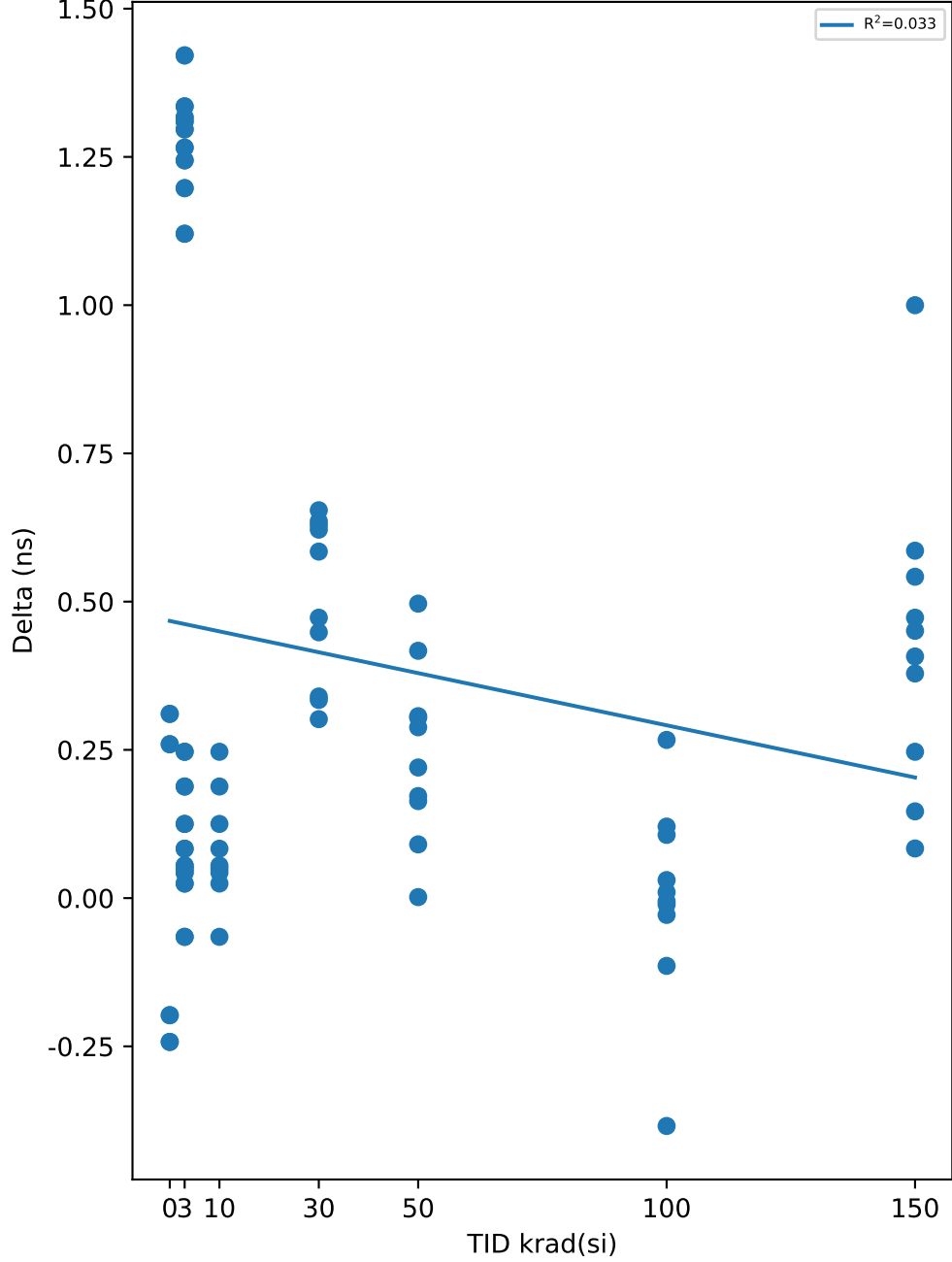
TID vs Result Stats



Test Results (Lower Limit = 0.0, Upper Limit = 10.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	3.9183	3.7208	-0.1975
2	0	CORRELATION	3.8844	3.6419	-0.2425
259	3	LDR Biased	3.5857	4.8513	1.2656
426	3	LDR Biased	3.685	4.9815	1.2965
427	3	LDR Biased	3.5113	4.9325	1.4212
428	3	LDR Biased	3.7329	4.8533	1.1204
429	3	LDR Unbiased	3.6541	4.9638	1.3097
430	3	LDR Unbiased	3.8051	5.0493	1.2442
431	3	LDR Unbiased	4.0339	5.2312	1.1973
432	3	LDR Unbiased	4.4157	5.7509	1.3352
433	3	LDR Unbiased	3.4082	4.725	1.3168
1259	10	LDR Biased	3.5857	3.6407	0.055
1426	10	LDR Biased	3.685	3.7281	0.0431
1427	10	LDR Biased	3.5113	3.6995	0.1882
1428	10	LDR Biased	3.7329	3.6676	-0.0653
1429	10	LDR Unbiased	3.6541	3.7038	0.0497
1430	10	LDR Unbiased	3.8051	3.8297	0.0246
1431	10	LDR Unbiased	4.0339	4.2807	0.2468
1432	10	LDR Unbiased	4.4157	4.5408	0.1251
1433	10	LDR Unbiased	3.4082	3.4915	0.0833
2434	30	LDR Biased	4.1537	4.783	0.6293
2435	30	LDR Biased	3.9458	4.2858	0.34
2436	30	LDR Biased	4.6707	5.3063	0.6356
2437	30	LDR Biased	3.8191	4.1533	0.3342
2438	30	LDR Biased	4.1057	4.5786	0.4729
2439	30	LDR Unbiased	3.5656	4.15	0.5844
2440	30	LDR Unbiased	3.4574	4.0788	0.6214
2441	30	LDR Unbiased	3.9183	4.3666	0.4483
2443	30	LDR Unbiased	3.8844	4.1862	0.3018
2444	30	LDR Unbiased	3.918	4.5721	0.6541
3434	50	LDR Biased	4.1537	4.4605	0.3068
3435	50	LDR Biased	3.9458	4.25	0.3042
3436	50	LDR Biased	4.6707	4.891	0.2203
3437	50	LDR Biased	3.8191	3.9097	0.0906
3438	50	LDR Biased	4.1057	4.1074	0.0017
3439	50	LDR Unbiased	3.5656	3.7377	0.1721
3440	50	LDR Unbiased	3.4574	3.954	0.4966
3441	50	LDR Unbiased	3.9183	4.0819	0.1636
3443	50	LDR Unbiased	3.8844	4.1725	0.2881
3444	50	LDR Unbiased	3.918	4.3351	0.4171
4434	100	LDR Biased	4.1537	4.1483	-0.0054
4435	100	LDR Biased	3.9458	3.8315	-0.1143
4436	100	LDR Biased	4.6707	4.6806	0.0099
4437	100	LDR Biased	3.8191	3.7908	-0.0283
4438	100	LDR Biased	4.1057	3.7214	-0.3843
4439	100	LDR Unbiased	3.5656	3.5547	-0.0109
4440	100	LDR Unbiased	3.4574	3.7242	0.2668
4441	100	LDR Unbiased	3.9183	3.9487	0.0304
4443	100	LDR Unbiased	3.8844	4.005	0.1206
4444	100	LDR Unbiased	3.918	4.0246	0.1066
4500	150	LDR Biased	4.5105	4.9613	0.4508
4501	150	LDR Biased	3.4849	3.5686	0.0837
4502	150	LDR Biased	3.6245	4.0033	0.3788
4503	150	LDR Biased	3.9878	4.1341	0.1463
4504	150	LDR Biased	4.347	4.5938	0.2468
4505	150	LDR Unbiased	4.3945	4.802	0.4075
4506	150	LDR Unbiased	4.2195	4.7615	0.542
4507	150	LDR Unbiased	3.7865	4.2594	0.4729
4508	150	LDR Unbiased	3.037	4.0369	0.9999
4509	150	LDR Unbiased	3.2729	3.8588	0.5859

TID vs Post - Pre Exposure Delta

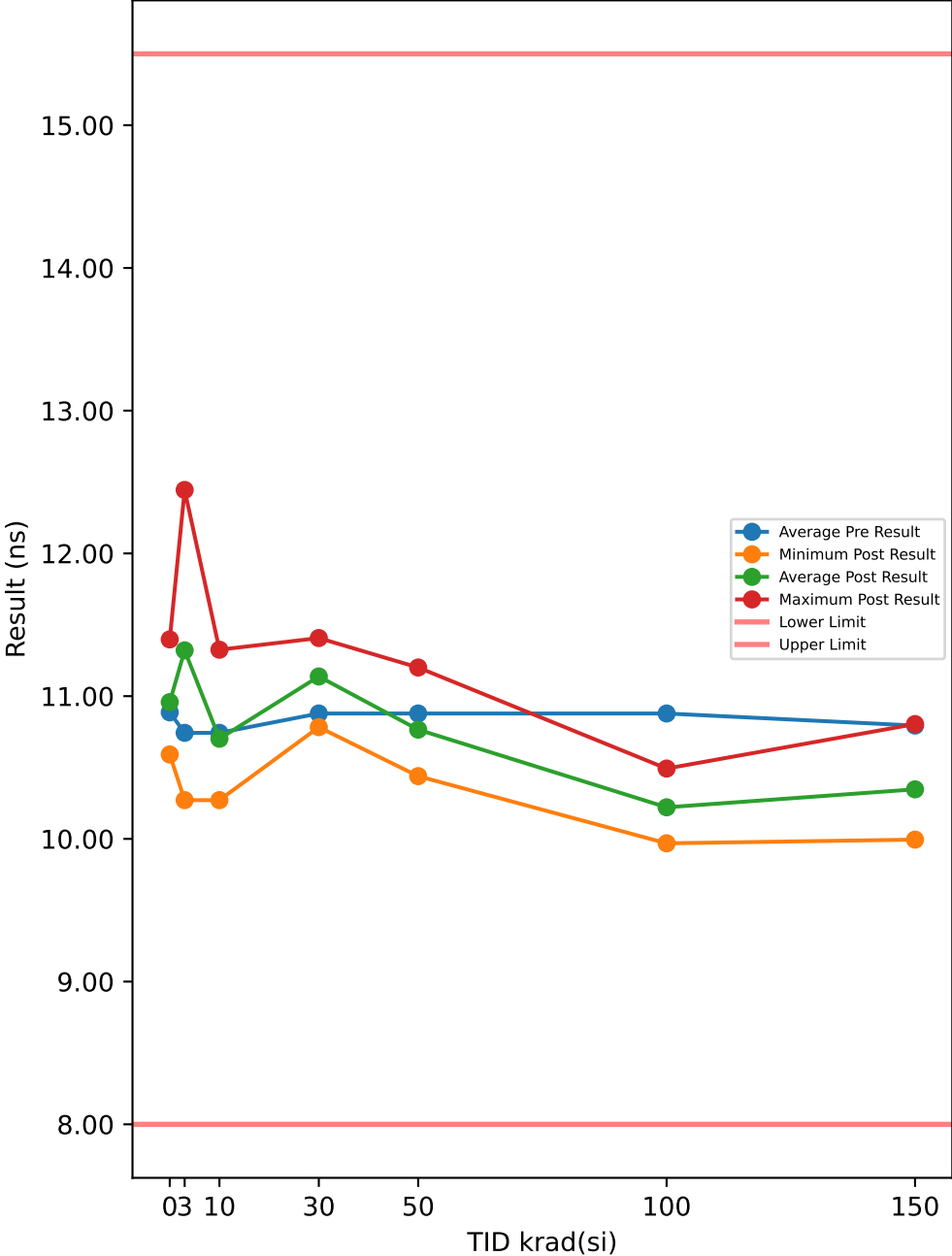


Test Statistics (ns)

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	3.8844	3.9013	3.9183	0.023971	3.6419	3.6814	3.7208	0.055791	-0.2425	-0.22	-0.1975	0.03182
3	3.4082	3.7591	4.4157	0.30425	4.725	5.0376	5.7509	0.30258	1.1204	1.2785	1.4212	0.086077
10	3.4082	3.7591	4.4157	0.30425	3.4915	3.8425	4.5408	0.34042	-0.0653	0.083389	0.2468	0.092572
30	3.4574	3.9439	4.6707	0.33311	4.0788	4.4461	5.3063	0.37929	0.3018	0.5022	0.6541	0.14002
50	3.4574	3.9439	4.6707	0.33311	3.7377	4.19	4.891	0.32436	0.0017	0.24611	0.4966	0.1482
100	3.4574	3.9439	4.6707	0.33311	3.5547	3.943	4.6806	0.31271	-0.3843	-0.00089	0.2668	0.1699
150	3.037	3.8665	4.5105	0.50714	3.5686	4.298	4.9613	0.46003	0.0837	0.43146	0.9999	0.25841

Device Test: 97.6 DLH Dead Time Small 1MHz VIN_14V

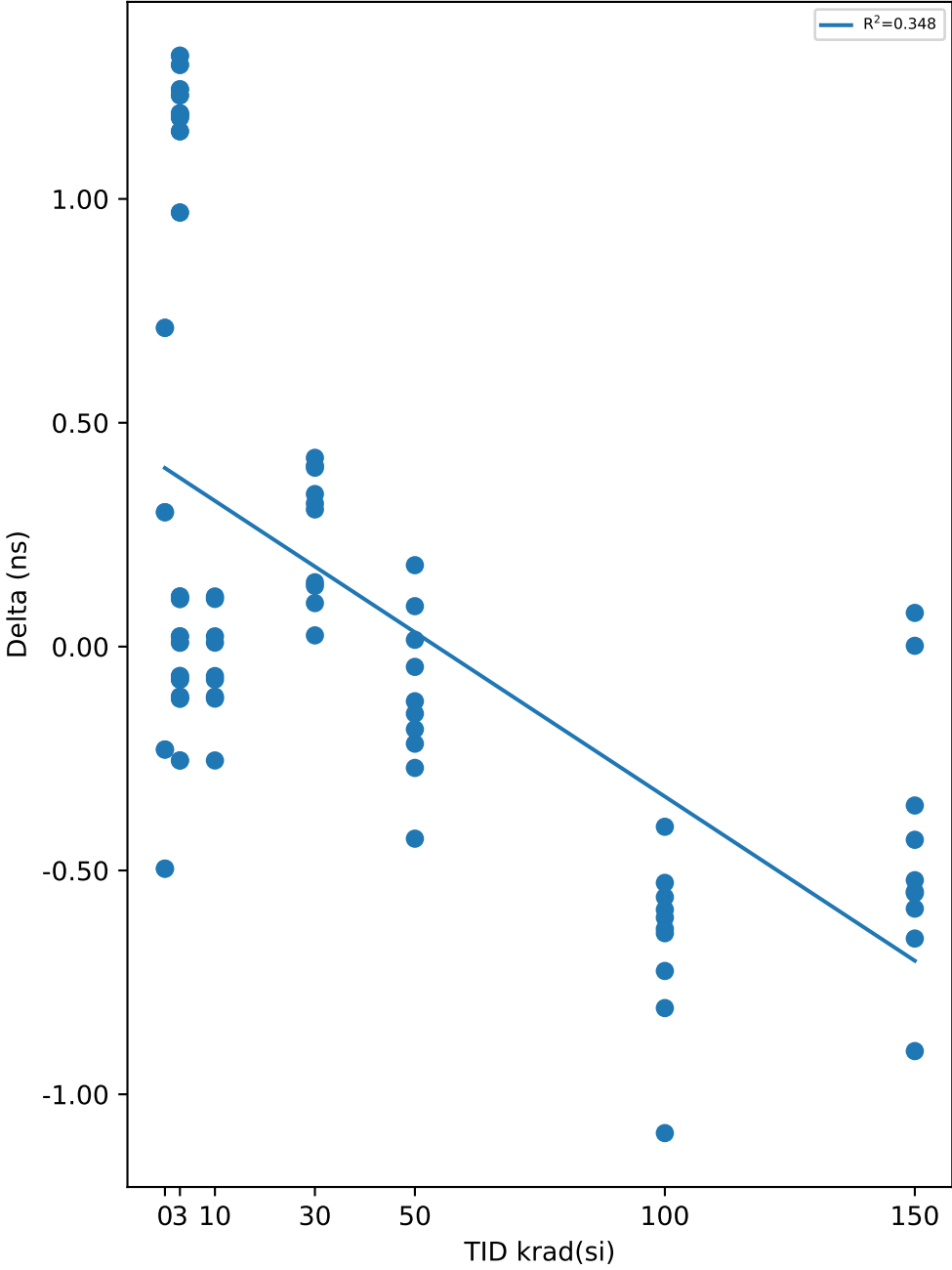
TID vs Result Stats



Test Results (Lower Limit = 8.0, Upper Limit = 15.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	11.087	10.591	-0.496
2	0	CORRELATION	10.685	10.986	0.3002
259	3	LDR Biased	10.604	11.785	1.1816
426	3	LDR Biased	10.784	11.972	1.1877
427	3	LDR Biased	10.642	11.961	1.3198
428	3	LDR Biased	10.526	11.495	0.9696
429	3	LDR Unbiased	10.397	11.642	1.2448
430	3	LDR Unbiased	10.935	12.086	1.151
431	3	LDR Unbiased	11.213	12.445	1.2314
432	3	LDR Unbiased	11.079	12.27	1.1913
433	3	LDR Unbiased	10.506	11.805	1.2994
1259	10	LDR Biased	10.604	10.613	0.0088
1426	10	LDR Biased	10.784	10.668	-0.1162
1427	10	LDR Biased	10.642	10.748	0.1065
1428	10	LDR Biased	10.526	10.271	-0.2543
1429	10	LDR Unbiased	10.397	10.324	-0.0736
1430	10	LDR Unbiased	10.935	10.824	-0.1116
1431	10	LDR Unbiased	11.213	11.325	0.112
1432	10	LDR Unbiased	11.079	11.102	0.0229
1433	10	LDR Unbiased	10.506	10.44	-0.0658
2434	30	LDR Biased	10.737	11.136	0.3996
2435	30	LDR Biased	11.246	11.271	0.0251
2436	30	LDR Biased	11.02	11.327	0.3064
2437	30	LDR Biased	10.878	11.022	0.1437
2438	30	LDR Biased	11.217	11.353	0.1356
2439	30	LDR Unbiased	10.624	11.046	0.4217
2440	30	LDR Unbiased	10.733	11.073	0.3408
2441	30	LDR Unbiased	11.087	11.407	0.3197
2443	30	LDR Unbiased	10.685	10.783	0.0972
2444	30	LDR Unbiased	10.556	10.96	0.404
3434	50	LDR Biased	10.737	10.918	0.1819
3435	50	LDR Biased	11.246	11.201	-0.0453
3436	50	LDR Biased	11.02	10.898	-0.1221
3437	50	LDR Biased	10.878	10.607	-0.271
3438	50	LDR Biased	11.217	10.788	-0.429
3439	50	LDR Unbiased	10.624	10.439	-0.1847
3440	50	LDR Unbiased	10.733	10.823	0.0903
3441	50	LDR Unbiased	11.087	10.871	-0.2168
3443	50	LDR Unbiased	10.685	10.536	-0.1497
3444	50	LDR Unbiased	10.556	10.572	0.0152
4434	100	LDR Biased	10.737	10.096	-0.6402
4435	100	LDR Biased	11.246	10.438	-0.8074
4436	100	LDR Biased	11.02	10.493	-0.5277
4437	100	LDR Biased	10.878	10.154	-0.7245
4438	100	LDR Biased	11.217	10.13	-1.0867
4439	100	LDR Unbiased	10.624	9.9935	-0.6306
4440	100	LDR Unbiased	10.733	10.33	-0.4024
4441	100	LDR Unbiased	11.087	10.482	-0.6054
4443	100	LDR Unbiased	10.685	10.126	-0.5596
4444	100	LDR Unbiased	10.556	9.9689	-0.5875
4500	150	LDR Biased	11.159	10.804	-0.3549
4501	150	LDR Biased	10.647	9.9947	-0.6521
4502	150	LDR Biased	10.662	10.111	-0.5505
4503	150	LDR Biased	11.139	10.235	-0.9035
4504	150	LDR Biased	10.929	10.344	-0.5853
4505	150	LDR Unbiased	11.222	10.675	-0.5473
4506	150	LDR Unbiased	10.871	10.349	-0.5218
4507	150	LDR Unbiased	10.582	10.151	-0.4315
4508	150	LDR Unbiased	10.213	10.289	0.0753
4509	150	LDR Unbiased	10.515	10.516	0.0018

TID vs Post - Pre Exposure Delta

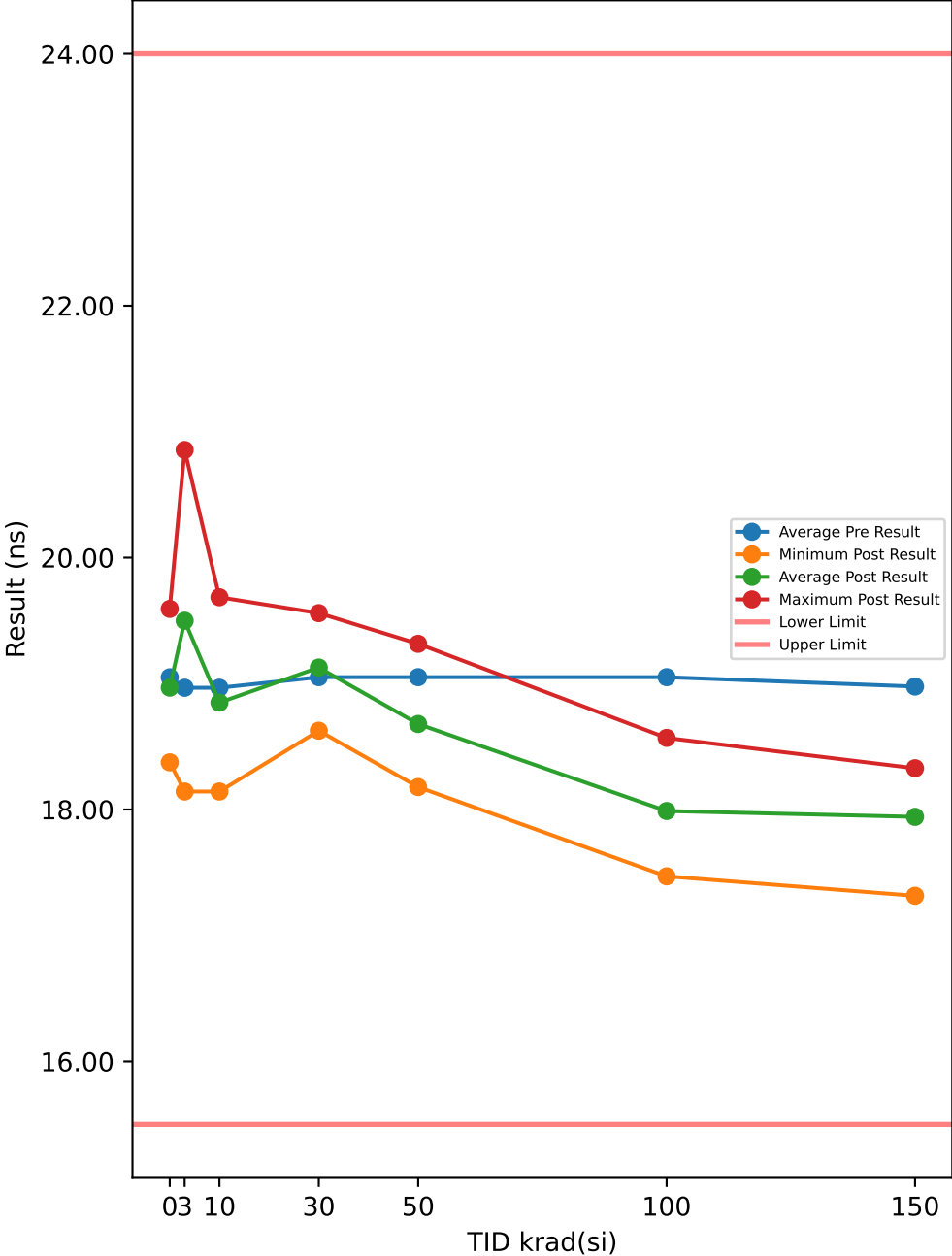


Test Statistics (ns)

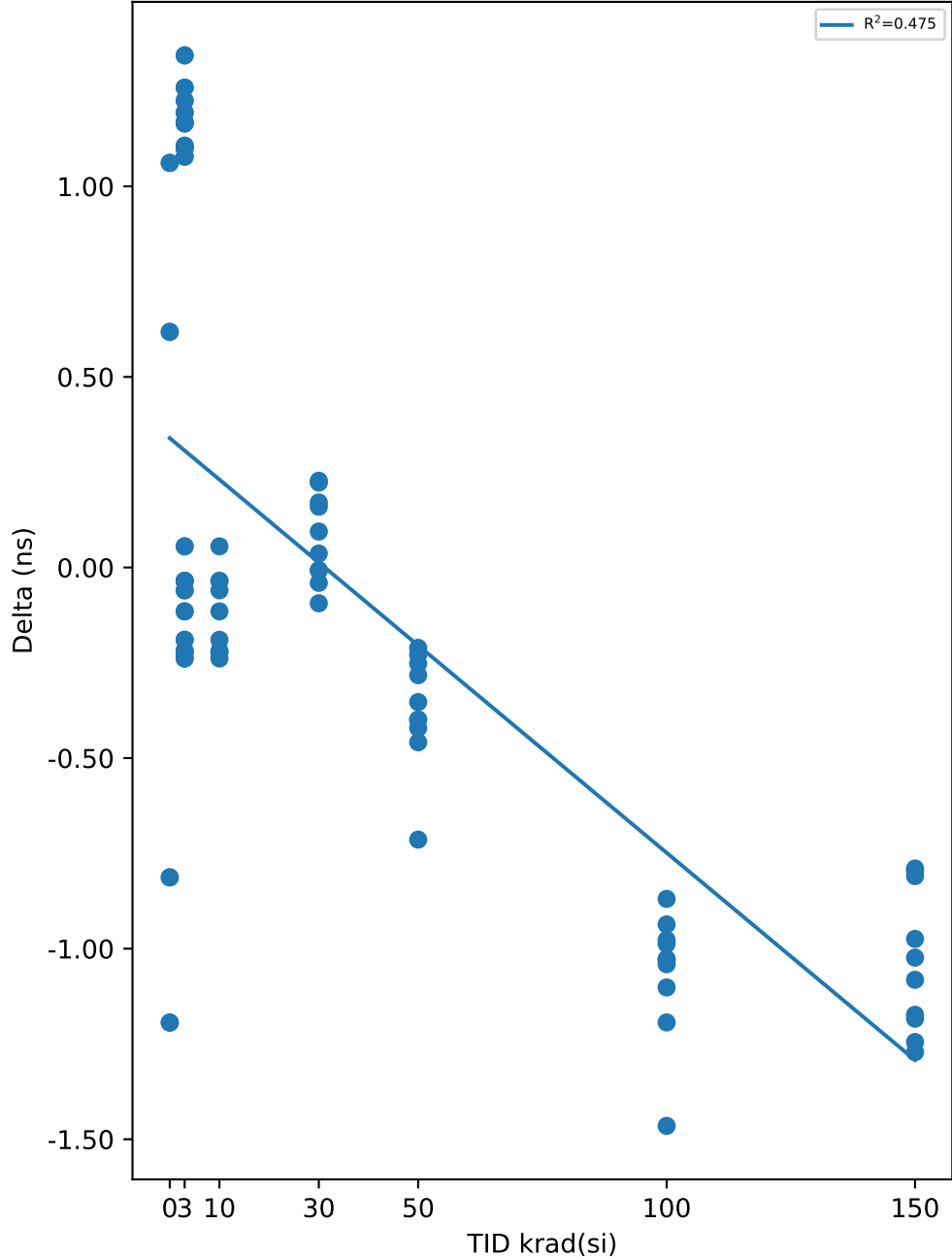
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.685	10.886	11.087	0.28419	10.591	10.789	10.986	0.27881	-0.496	-0.0979	0.3002	0.563
3	10.397	10.743	11.213	0.27954	11.495	11.94	12.445	0.29897	0.9696	1.1974	1.3198	0.10199
10	10.397	10.743	11.213	0.27954	10.271	10.702	11.325	0.34846	-0.2543	-0.041256	0.112	0.11702
30	10.556	10.878	11.246	0.24958	10.783	11.138	11.407	0.19882	0.0251	0.25938	0.4217	0.14503
50	10.556	10.878	11.246	0.24958	10.439	10.765	11.201	0.22777	-0.429	-0.11312	0.1819	0.17996
100	10.556	10.878	11.246	0.24958	9.9689	10.221	10.493	0.19825	-1.0867	-0.6572	-0.4024	0.18599
150	10.213	10.794	11.222	0.32643	9.9947	10.347	10.804	0.25371	-0.9035	-0.44698	0.0753	0.29418

Device Test: 97.7 DLH Dead Time Mid 1MHz VIN_14V

TID vs Result Stats



TID vs Post - Pre Exposure Delta



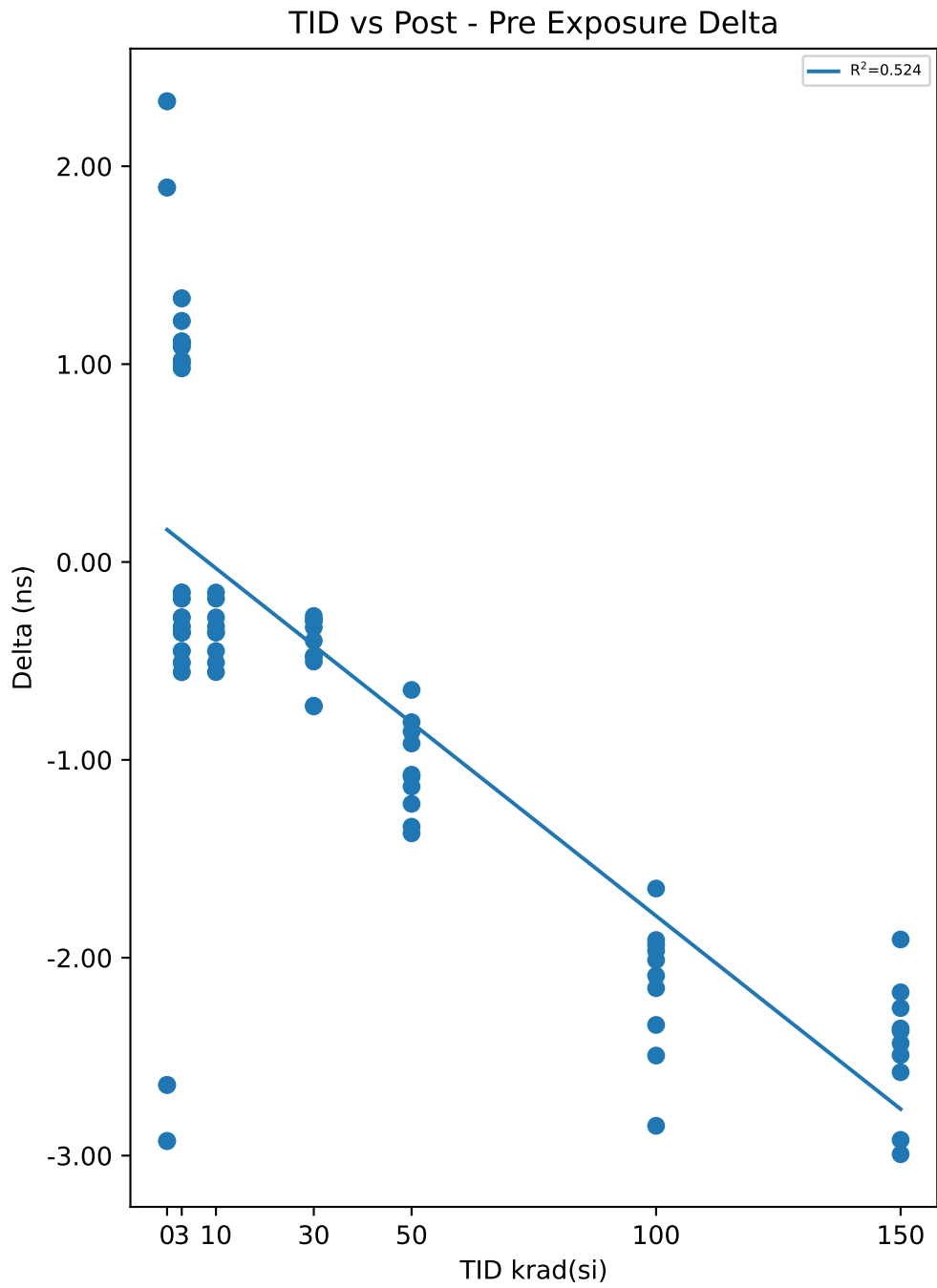
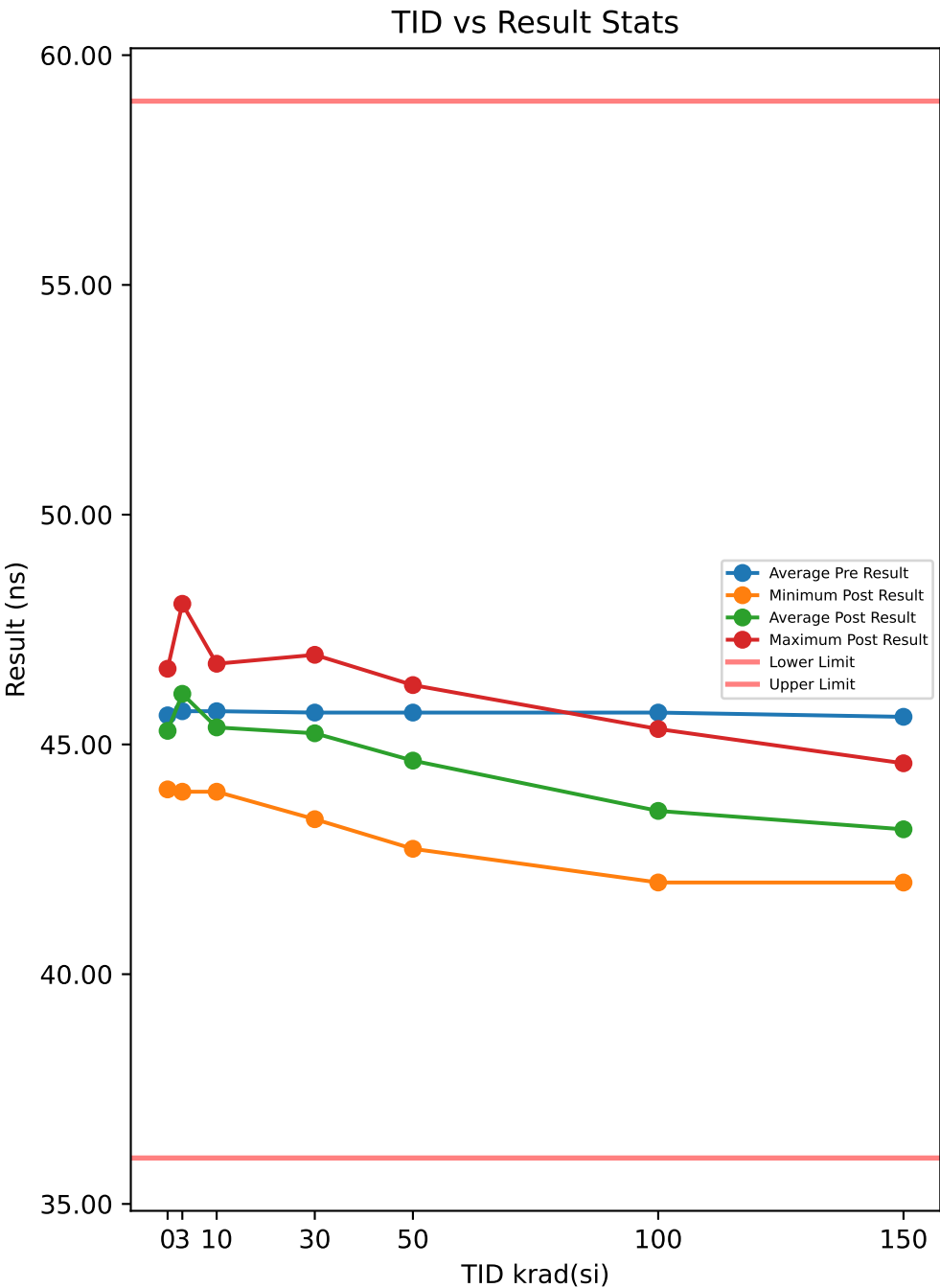
Test Results (Lower Limit = 15.5, Upper Limit = 24.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	19.568	18.374	-1.1939
2	0	CORRELATION	18.531	19.149	0.6181
259	3	LDR Biased	18.836	20.029	1.1935
426	3	LDR Biased	19.126	20.294	1.1685
427	3	LDR Biased	19.004	20.347	1.3435
428	3	LDR Biased	18.48	19.558	1.0778
429	3	LDR Unbiased	18.381	19.488	1.1065
430	3	LDR Unbiased	19.452	20.552	1.0994
431	3	LDR Unbiased	19.63	20.855	1.2249
432	3	LDR Unbiased	18.933	20.098	1.165
433	3	LDR Unbiased	18.858	20.117	1.2589
1259	10	LDR Biased	18.836	18.801	-0.0349
1426	10	LDR Biased	19.126	18.908	-0.2184
1427	10	LDR Biased	19.004	18.968	-0.0354
1428	10	LDR Biased	18.48	18.29	-0.1896
1429	10	LDR Unbiased	18.381	18.143	-0.2386
1430	10	LDR Unbiased	19.452	19.229	-0.2228
1431	10	LDR Unbiased	19.63	19.685	0.0555
1432	10	LDR Unbiased	18.933	18.873	-0.0598
1433	10	LDR Unbiased	18.858	18.743	-0.1151
2434	30	LDR Biased	18.566	18.726	0.1594
2435	30	LDR Biased	19.598	19.558	-0.0403
2436	30	LDR Biased	18.707	18.878	0.1705
2437	30	LDR Biased	19.126	19.119	-0.0074
2438	30	LDR Biased	19.472	19.465	-0.0071
2439	30	LDR Unbiased	19.092	19.129	0.0366
2440	30	LDR Unbiased	19.336	19.559	0.2228
2441	30	LDR Unbiased	19.568	19.474	-0.0939
2443	30	LDR Unbiased	18.531	18.626	0.0944
2444	30	LDR Unbiased	18.51	18.738	0.2276
3434	50	LDR Biased	18.566	18.337	-0.2292
3435	50	LDR Biased	19.598	19.316	-0.2825
3436	50	LDR Biased	18.707	18.286	-0.4211
3437	50	LDR Biased	19.126	18.727	-0.3992
3438	50	LDR Biased	19.472	18.758	-0.7139
3439	50	LDR Unbiased	19.092	18.634	-0.4585
3440	50	LDR Unbiased	19.336	19.125	-0.2108
3441	50	LDR Unbiased	19.568	19.169	-0.3991
3443	50	LDR Unbiased	18.531	18.178	-0.3531
3444	50	LDR Unbiased	18.51	18.258	-0.2517
4434	100	LDR Biased	18.566	17.54	-1.0268
4435	100	LDR Biased	19.598	18.568	-1.0296
4436	100	LDR Biased	18.707	17.771	-0.9364
4437	100	LDR Biased	19.126	18.149	-0.977
4438	100	LDR Biased	19.472	18.007	-1.4649
4439	100	LDR Unbiased	19.092	17.899	-1.1935
4440	100	LDR Unbiased	19.336	18.467	-0.8694
4441	100	LDR Unbiased	19.568	18.466	-1.1017
4443	100	LDR Unbiased	18.531	17.544	-0.9874
4444	100	LDR Unbiased	18.51	17.469	-1.0408
4500	150	LDR Biased	18.779	17.99	-0.7897
4501	150	LDR Biased	19.24	17.995	-1.245
4502	150	LDR Biased	19.019	17.938	-1.0817
4503	150	LDR Biased	19.599	18.328	-1.2716
4504	150	LDR Biased	18.685	17.71	-0.9744
4505	150	LDR Unbiased	19.199	18.175	-1.0236
4506	150	LDR Unbiased	18.784	17.6	-1.1836
4507	150	LDR Unbiased	18.488	17.315	-1.1735
4508	150	LDR Unbiased	18.965	18.169	-0.7958
4509	150	LDR Unbiased	19.006	18.196	-0.8096

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	18.531	19.05	19.568	0.73327	18.374	18.762	19.149	0.54801	-1.1939	-0.2879	0.6181	1.2813
3	18.381	18.967	19.63	0.40493	19.488	20.149	20.855	0.43664	1.0778	1.182	1.3435	0.085015
10	18.381	18.967	19.63	0.40493	18.143	18.849	19.685	0.45918	-0.2386	-0.11768	0.0555	0.10486
30	18.51	19.051	19.598	0.44072	18.626	19.127	19.559	0.37012	-0.0939	0.07626	0.2276	0.11478
50	18.51	19.051	19.598	0.44072	18.178	18.679	19.316	0.41555	-0.7139	-0.37191	-0.2108	0.14813
100	18.51	19.051	19.598	0.44072	17.469	17.988	18.568	0.41419	-1.4649	-1.0627	-0.8694	0.16653
150	18.488	18.976	19.599	0.31782	17.315	17.942	18.328	0.3142	-1.2716	-1.0348	-0.7897	0.18724

Device Test: 97.8 DLH Dead Time Large 1MHz VIN_14V



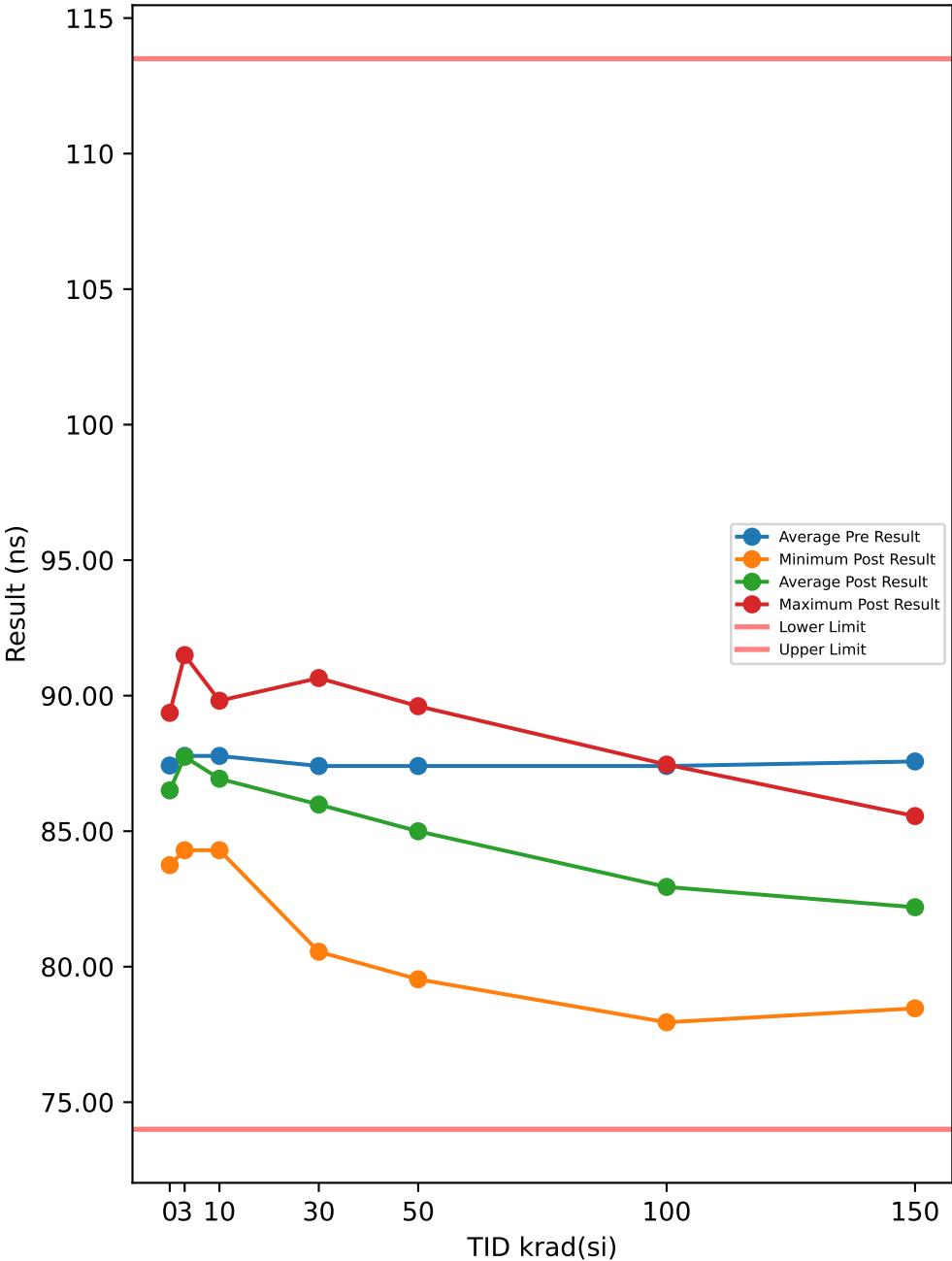
Test Results (Lower Limit = 36.0, Upper Limit = 59.0 (ns))					
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	46.947	44.021	-2.9262
2	0	CORRELATION	44.318	46.211	1.8927
259	3	LDR Biased	45.753	46.842	1.0885
426	3	LDR Biased	45.635	46.967	1.3325
427	3	LDR Biased	45.953	47.171	1.2184
428	3	LDR Biased	44.682	45.701	1.0188
429	3	LDR Unbiased	44.328	45.436	1.108
430	3	LDR Unbiased	47.054	48.06	1.0054
431	3	LDR Unbiased	46.941	48.052	1.1114
432	3	LDR Unbiased	44.911	46.026	1.1153
433	3	LDR Unbiased	46.249	47.228	0.9794
1259	10	LDR Biased	45.753	45.427	-0.3259
1426	10	LDR Biased	45.635	45.355	-0.2801
1427	10	LDR Biased	45.953	45.798	-0.1543
1428	10	LDR Biased	44.682	44.174	-0.5084
1429	10	LDR Unbiased	44.328	43.971	-0.3568
1430	10	LDR Unbiased	47.054	46.604	-0.4499
1431	10	LDR Unbiased	46.941	46.756	-0.185
1432	10	LDR Unbiased	44.911	44.555	-0.3558
1433	10	LDR Unbiased	46.249	45.693	-0.5563
2434	30	LDR Biased	44.163	43.868	-0.2946
2435	30	LDR Biased	47.08	46.75	-0.3299
2436	30	LDR Biased	43.646	43.373	-0.2729
2437	30	LDR Biased	46.235	45.505	-0.73
2438	30	LDR Biased	46.339	45.612	-0.7262
2439	30	LDR Unbiased	46.521	46.124	-0.3978
2440	30	LDR Unbiased	47.427	46.95	-0.4766
2441	30	LDR Unbiased	46.947	46.47	-0.4769
2443	30	LDR Unbiased	44.318	43.815	-0.5031
2444	30	LDR Unbiased	44.257	43.96	-0.2968
3434	50	LDR Biased	44.163	43.516	-0.6466
3435	50	LDR Biased	47.08	46.27	-0.8093
3436	50	LDR Biased	43.646	42.729	-0.9172
3437	50	LDR Biased	46.235	44.897	-1.3378
3438	50	LDR Biased	46.339	44.967	-1.3713
3439	50	LDR Unbiased	46.521	45.299	-1.2221
3440	50	LDR Unbiased	47.427	46.292	-1.1349
3441	50	LDR Unbiased	46.947	45.872	-1.075
3443	50	LDR Unbiased	44.318	43.233	-1.0851
3444	50	LDR Unbiased	44.257	43.4	-0.857
4434	100	LDR Biased	44.163	42.151	-2.0114
4435	100	LDR Biased	47.08	45.115	-1.9647
4436	100	LDR Biased	43.646	41.996	-1.6503
4437	100	LDR Biased	46.235	44.081	-2.1539
4438	100	LDR Biased	46.339	43.489	-2.8495
4439	100	LDR Unbiased	46.521	44.027	-2.4944
4440	100	LDR Unbiased	47.427	45.336	-2.0908
4441	100	LDR Unbiased	46.947	44.608	-2.3397
4443	100	LDR Unbiased	44.318	42.408	-1.9106
4444	100	LDR Unbiased	44.257	42.322	-1.9341
4500	150	LDR Biased	43.938	42.031	-1.9077
4501	150	LDR Biased	46.849	43.928	-2.9206
4502	150	LDR Biased	46.28	43.922	-2.3575
4503	150	LDR Biased	46.984	43.991	-2.993
4504	150	LDR Biased	44.238	42.063	-2.1747
4505	150	LDR Unbiased	45.381	42.948	-2.4327
4506	150	LDR Unbiased	44.807	42.229	-2.5786
4507	150	LDR Unbiased	44.364	41.994	-2.3696
4508	150	LDR Unbiased	46.844	44.589	-2.2543
4509	150	LDR Unbiased	46.323	43.831	-2.4919

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	44.318	45.633	46.947	1.8591	44.021	45.116	46.211	1.5484	-2.9262	-0.51675	1.8927	3.4075
3	44.328	45.723	47.054	0.95422	45.436	46.831	48.06	0.94644	0.9794	1.1086	1.3325	0.11071
10	44.328	45.723	47.054	0.95422	43.971	45.37	46.756	0.98673	-0.5563	-0.3525	-0.1543	0.13631
30	43.646	45.693	47.427	1.4292	43.373	45.243	46.95	1.3639	-0.73	-0.45048	-0.2729	0.16835
50	43.646	45.693	47.427	1.4292	42.729	44.648	46.292	1.3311	-1.3713	-1.0456	-0.6466	0.23573
100	43.646	45.693	47.427	1.4292	41.996	43.553	45.336	1.2672	-2.8495	-2.1399	-1.6503	0.34215
150	43.938	45.601	46.984	1.1938	41.994	43.153	44.589	1.0058	-2.993	-2.4481	-1.9077	0.32627

Device Test: 97.9 DLH Dead Time Max 1MHz VIN_14V

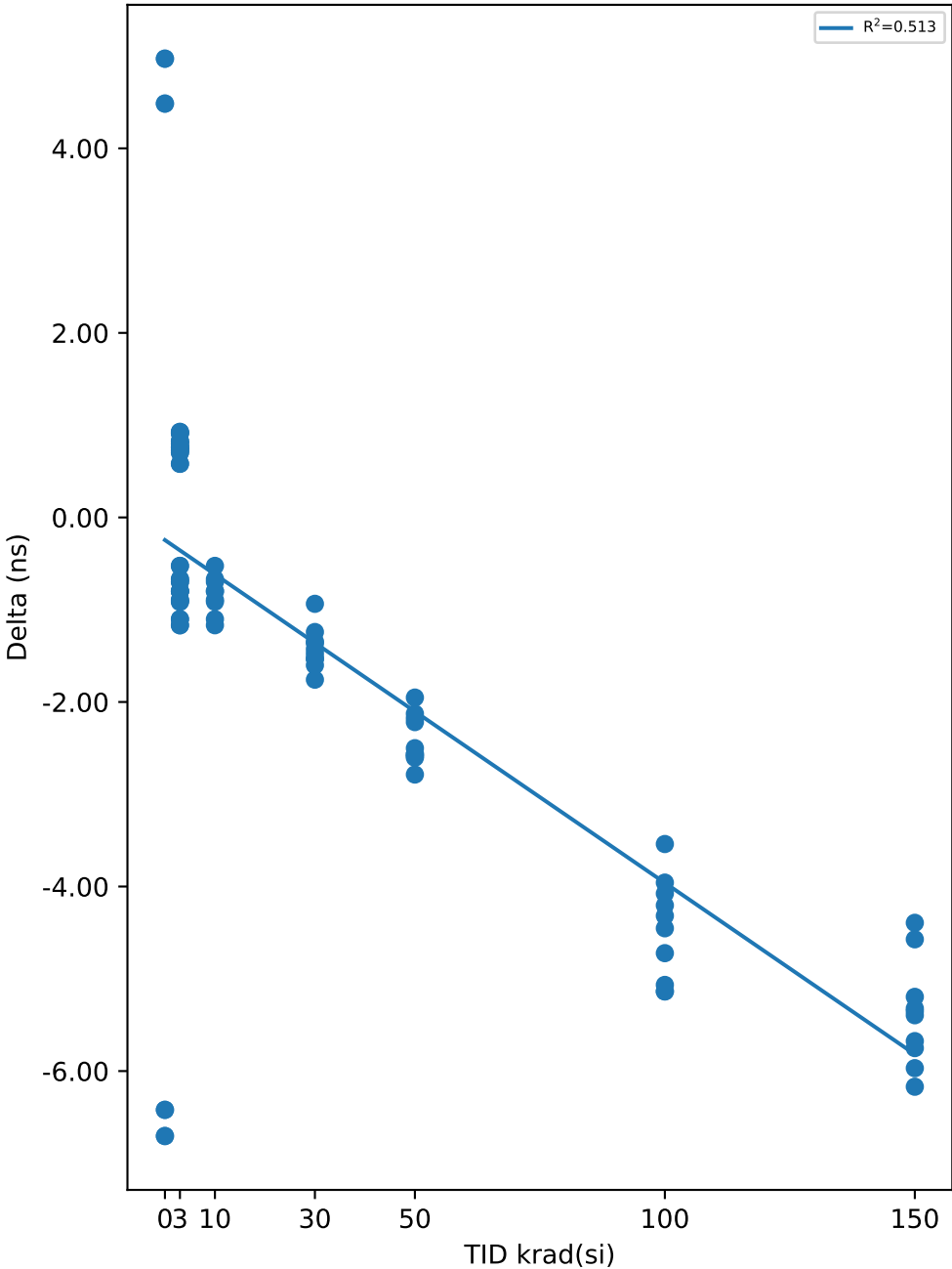
TID vs Result Stats



Test Results (Lower Limit = 74.0, Upper Limit = 113.5 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
1	0	CORRELATION	90.449	83.745	-6.704
2	0	CORRELATION	84.393	88.878	4.4851
259	3	LDR Biased	87.892	88.595	0.7032
426	3	LDR Biased	87.165	87.992	0.8277
427	3	LDR Biased	88.322	89.123	0.8009
428	3	LDR Biased	85.857	86.622	0.7651
429	3	LDR Unbiased	85.095	86.007	0.9115
430	3	LDR Unbiased	90.915	91.497	0.5815
431	3	LDR Unbiased	89.733	90.486	0.7526
432	3	LDR Unbiased	85.764	86.691	0.9269
433	3	LDR Unbiased	89.247	89.974	0.7271
1259	10	LDR Biased	87.892	86.998	-0.8939
1426	10	LDR Biased	87.165	86.364	-0.8007
1427	10	LDR Biased	88.322	87.653	-0.6684
1428	10	LDR Biased	85.857	84.943	-0.9138
1429	10	LDR Unbiased	85.095	84.297	-0.798
1430	10	LDR Unbiased	90.915	89.813	-1.1024
1431	10	LDR Unbiased	89.733	89.034	-0.6988
1432	10	LDR Unbiased	85.764	85.239	-0.525
1433	10	LDR Unbiased	89.247	88.079	-1.1682
2434	30	LDR Biased	83.609	82.367	-1.2418
2435	30	LDR Biased	90.989	89.626	-1.3628
2436	30	LDR Biased	81.487	80.551	-0.9362
2437	30	LDR Biased	88.585	86.984	-1.6019
2438	30	LDR Biased	87.938	86.593	-1.3448
2439	30	LDR Unbiased	89.923	88.445	-1.4776
2440	30	LDR Unbiased	92.179	90.65	-1.5295
2441	30	LDR Unbiased	90.449	88.691	-1.7581
2443	30	LDR Unbiased	84.393	82.859	-1.5333
2444	30	LDR Unbiased	84.488	83.06	-1.4277
3434	50	LDR Biased	83.609	81.433	-2.1754
3435	50	LDR Biased	90.989	88.862	-2.1267
3436	50	LDR Biased	81.487	79.535	-1.9523
3437	50	LDR Biased	88.585	86.021	-2.5644
3438	50	LDR Biased	87.938	85.72	-2.2179
3439	50	LDR Unbiased	89.923	87.334	-2.5887
3440	50	LDR Unbiased	92.179	89.612	-2.5678
3441	50	LDR Unbiased	90.449	87.663	-2.7862
3443	50	LDR Unbiased	84.393	81.79	-2.6032
3444	50	LDR Unbiased	84.488	81.987	-2.5009
4434	100	LDR Biased	83.609	79.532	-4.0761
4435	100	LDR Biased	90.989	86.537	-4.4525
4436	100	LDR Biased	81.487	77.948	-3.5394
4437	100	LDR Biased	88.585	84.628	-3.9576
4438	100	LDR Biased	87.938	82.802	-5.1362
4439	100	LDR Unbiased	89.923	84.857	-5.0664
4440	100	LDR Unbiased	92.179	87.457	-4.7222
4441	100	LDR Unbiased	90.449	85.313	-5.1367
4443	100	LDR Unbiased	84.393	80.188	-4.2044
4444	100	LDR Unbiased	84.488	80.17	-4.3177
4500	150	LDR Biased	82.856	78.463	-4.3934
4501	150	LDR Biased	90.441	84.472	-5.9687
4502	150	LDR Biased	89.653	84.331	-5.3217
4503	150	LDR Biased	90.545	84.375	-6.1696
4504	150	LDR Biased	84.082	79.51	-4.572
4505	150	LDR Unbiased	86.421	81.225	-5.1957
4506	150	LDR Unbiased	85.946	80.594	-5.3522
4507	150	LDR Unbiased	84.901	79.506	-5.3949
4508	150	LDR Unbiased	91.308	85.557	-5.751
4509	150	LDR Unbiased	89.57	83.895	-5.6754

TID vs Post - Pre Exposure Delta



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	84.393	87.421	90.449	4.2827	83.745	86.312	88.878	3.6292	-6.704	-1.1094	4.4851	7.9119
3	85.095	87.777	90.915	1.9828	86.007	88.554	91.497	1.8954	0.5815	0.77739	0.9269	0.10642
10	85.095	87.777	90.915	1.9828	84.297	86.936	89.813	1.8923	-1.1682	-0.84102	-0.525	0.20519
30	81.487	87.404	92.179	3.6506	80.551	85.983	90.65	3.5072	-1.7581	-1.4214	-0.9362	0.22369
50	81.487	87.404	92.179	3.6506	79.535	84.996	89.612	3.5318	-2.7862	-2.4083	-1.9523	0.26863
100	81.487	87.404	92.179	3.6506	77.948	82.943	87.457	3.2878	-5.1367	-4.4609	-3.5394	0.54615
150	82.856	87.572	91.308	3.0709	78.463	82.193	85.557	2.5942	-6.1696	-5.3795	-4.3934	0.56367

7 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision A (October 2025) to Revision B (March 2026)	Page
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- | | |
|--|----|
| • Added data to the appendix to include up to 150kRad (Si) exposure for TPS7H6003-SP QMLV..... | 10 |
|--|----|

Changes from Revision * (November 2023) to Revision A (October 2025)	Page
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- | | |
|--|----|
| • Added low dose radiation (LDR) test results, including information on the devices tested per dosage level, as well as the hardware used for the LDR testing..... | 10 |
|--|----|

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Last updated 10/2025

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