

DP83561-SP Radiation-Hardness-Assured (RHA), 10/100/1000 Ethernet PHY Transceiver with SEFI Handling Sub-System TID Report



ABSTRACT

This report covers the radiation characterization results of the DP83561-SP Ethernet PHY Transceiver. The study was done to determine Total Ionizing Dose (TID) effects under high dose rate (HDR) up to 300 krad(Si) as a one time characterization. The results show that all samples passed within the specified limits up to 300 krad(Si). However, Radiation Lot Acceptance Testing (RLAT) will be performed using 2 units at a dose level of 300 krad(Si) for future wafers. Furthermore, the DP83561-SP is packaged in a ceramic flat pack and is Single Event Latch-Up (SEL) immune up to 121 MeV-cm²/mg making the device suitable for space applications. The device is ideal for applications such as command and data handling, communications, radar imaging, optical imaging, laser communications, and scientific exploration payloads.

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Trademarks

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1 Device Information

The DP83561-SP is a high reliability gigabit ethernet PHY designed for the high-radiation environment of space. The device is designed for easy implementation of 10/100/1000 Mbps Ethernet LANs. The DP83561-SP supports connection to an Ethernet MAC through RGMII. MII is also supported, but only for 1000M and 10M speeds.

1.1 Device Details

[Table 1-1](#) lists the device information used for TID HDR characterization and qualification.

Table 1-1. Device and Exposure Details

TID HDR Details: Up to 300 krad(Si)	
TI Device Number	5962F2021601VXC (DP83561-SP)
Package	64-pin (CQFP)
Technology	C021
Die Lot Number	0208670DM6
A/T Lot Number / Date Code	0654867ZSC/2048B
Quantity Tested	2 irradiated devices + 1 control
Lot Accept/Reject	Devices passed 30 krad(Si), 50 krad(Si), 100 krad(Si), 200 krad(Si), 300 krad(Si)
HDR Radiation Facility	Texas Instruments SVA Group, Santa Clara, CA
HDR Dose Level	30 krad(Si), 50 krad(Si), 100 krad(Si), 200 krad(Si), 300 krad(Si)
HDR Dose Rate	57.16 rad(Si)/s
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
Irradiation Temperature	Ambient, room temperature

2 Total Dose Test Setup

2.1 Test Overview

The DP83561-SP samples were irradiated at a high dose rate of 57.16 rad(Si)/s up to 300 krad(Si) and then put through full electrical parametric testing on the production Automated Test Equipment (ATE). The samples were functional and passed all electrical parametric tests with readings within data sheet electrical specification limits.

2.2 Test Description and Facilities

The DP83561-SP HDR exposure was performed on biased devices in a Co₆₀ gamma cell at the TI facility in Santa Clara, California. The unattenuated dose rate of this cell is 57.16 rad(Si)/s. After exposure, the devices were tested at the TI Santa Clara for a full post irradiation electrical evaluation using Texas Instruments ATE. ATE guard band test limits are set within data sheet electrical specifications to ensure a minimum Cpk and test error margin based on initial qualification and characterization data. Post irradiation measurements were taken within 1 hour after removal of the devices from the radiation chamber.

2.3 Test Setup Details

The devices were tested in biased conditions as described in [Section 2.3.1](#)

2.3.1 Biased

Figure 2-1 shows the bias conditions for each pin during irradiation. The crystal was not populated on the board and an external clock was used.

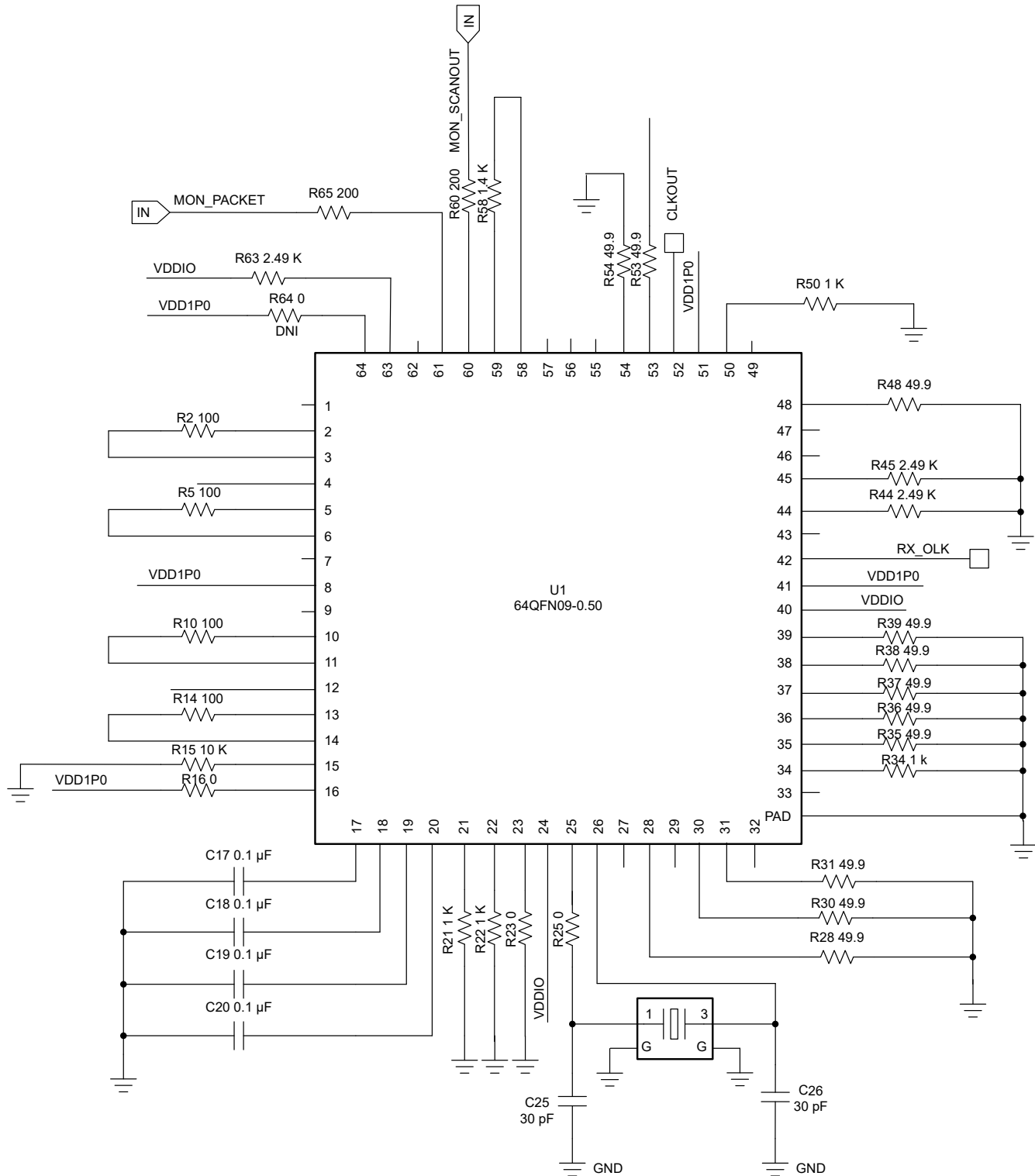


Figure 2-1. DP83561-SP Biased Diagram

2.4 Test Configuration and Condition

A step-stress (30k, 50k, 100k, 200k, and 300k) test method was used to determine the TID hardness level. That is, after a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units are within specified data sheet electrical test limits. From initial feasibility studies the difference between pre and post irradiation was greater for samples that were biased, hence for RLAT 2 sample units were used at the 57.16 rad(Si)/s dose level with biased setup conditions and this will be repeated for each wafer.

The table below list the serialized samples used for RHA characterization.

Table 2-1. HDR = 57.16 rad(Si)/s Device Information

HDR = 57.16 rad(Si)/s									
Total Samples: 2 units/TID level									
Exposure Levels									
30 krad(Si)		50 krad(Si)		100 krad(Si)		200 krad(Si)		300 krad(Si)	
Biased		Biased		Biased		Biased		Biased	
Irradiated	Control	Irradiated	Control	Irradiated	Control	Irradiated	Control	Irradiated	Control
181, 191	188	181, 191	188	181, 191	188	181, 191	188	181, 191	188

3 Total Ionizing Dose (RHA) Characterization Test Results

3.1 Total Ionizing Dose RHA Characterization Summary Results

The parametric data for the DP83561-SP is within data sheet limits up to 300 krad(Si) for biased setup conditions.

1. Differential Output Voltage - (VOD, Channel A)

Differential Output Voltage at Channel A showed little variation at 200 and 300 krad(Si), but is still within data sheet limits. [Figure 3-1](#) shows the min, average, and max data post irradiation for each dose level.

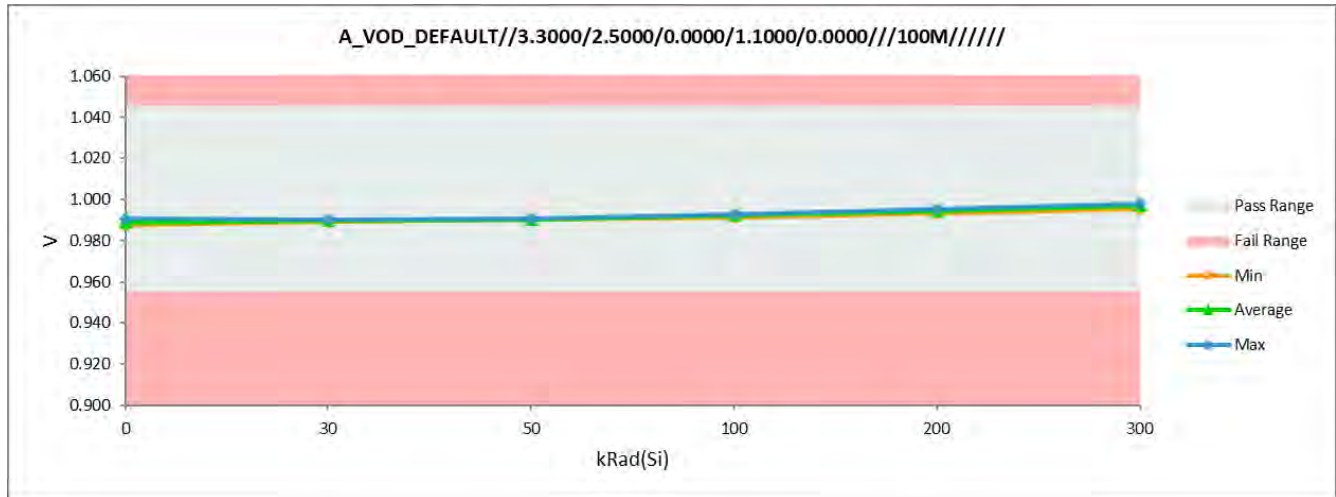


Figure 3-1. Radiation Exposure Effect on Differential Output Voltage

2. Differential Output Voltage - (VOD, Channel B)

Differential Output Voltage at Channel B showed some variation, but is still within data sheet limits. [Figure 3-2](#) shows the min, average, and max data post irradiation for each dose level.

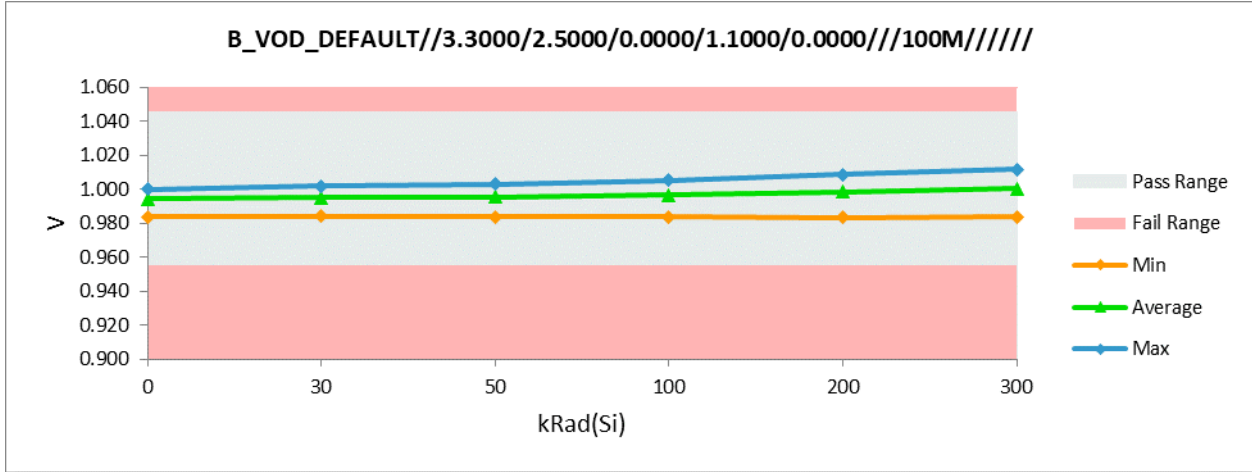


Figure 3-2. Radiation Exposure Effect on Differential Output Voltage

3. Differential Output Voltage - (VOD, Channel C)

Differential Output Voltage at Channel C showed some variation, but is still within data sheet limits. [Figure 3-3](#) shows the min, average, and max data post irradiation for each dose level.

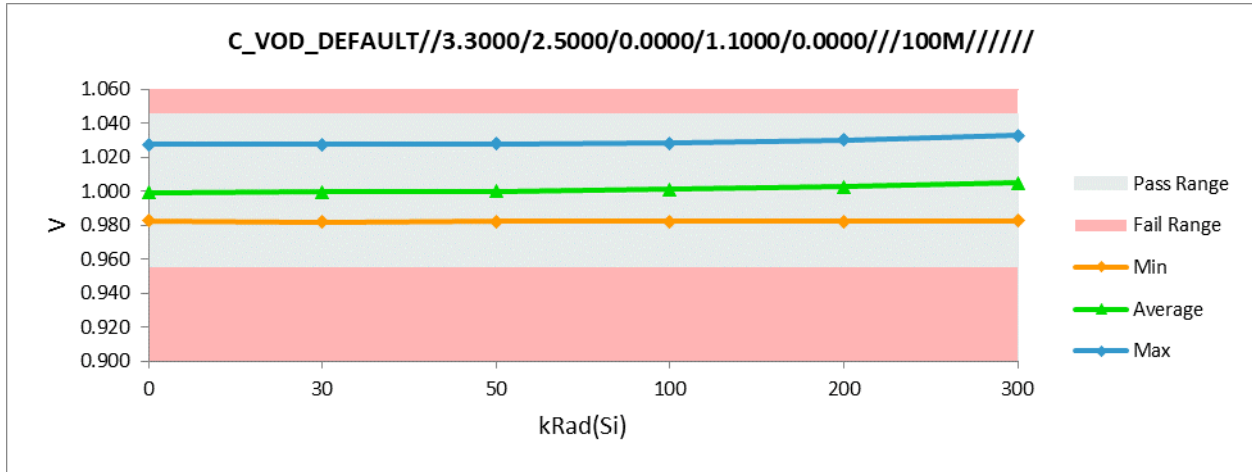


Figure 3-3. Radiation Exposure Effect on Differential Output Voltage

4. **Differential Output Voltage - (VOD, Channel D)**

Differential Output Voltage at Channel D showed some variation, but is still within data sheet limits. [Figure 3-4](#) shows the min, average, and max data post irradiation for each dose level.

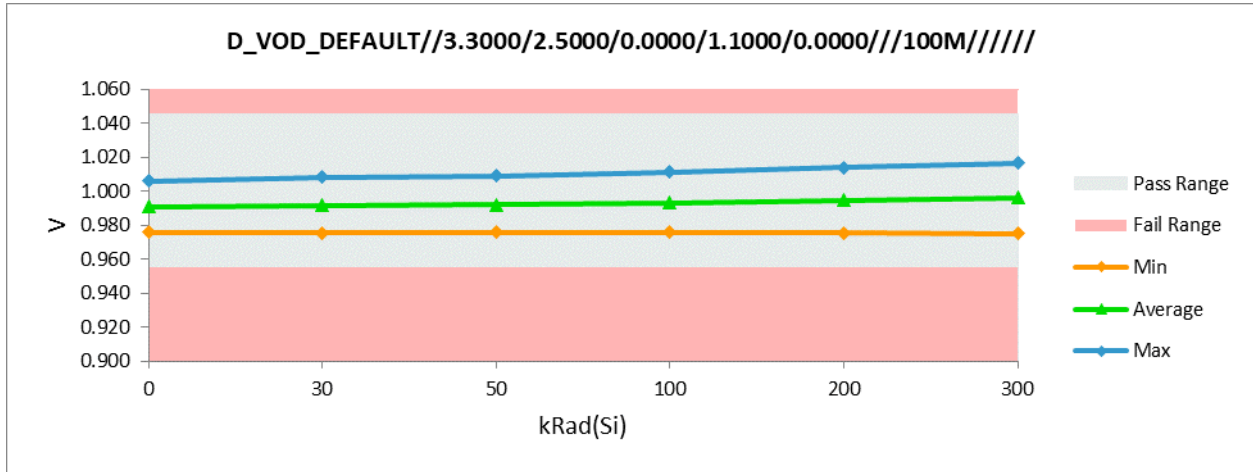


Figure 3-4. Radiation Exposure Effect on Differential Output Voltage

A Total Ionizing Dose HDR Report

This appendix provides the DP83561-SP TID HDR report. The report shows the variation for each parameter up to 300 krad(Si).

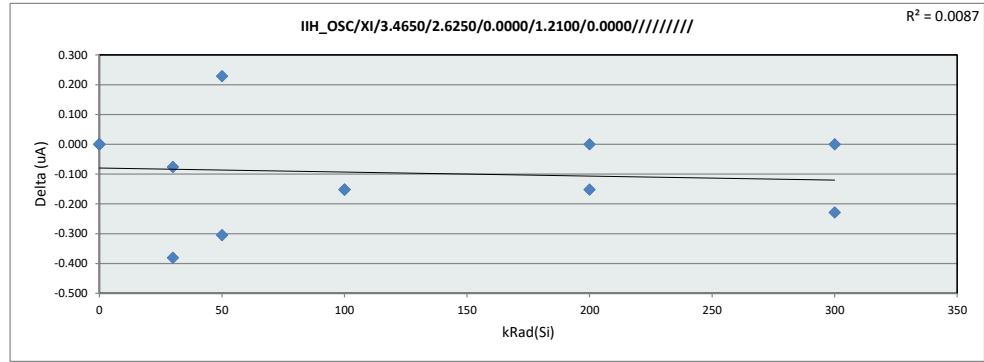
TID Report
DP83561-SP

TID Report
DP83561-SP

IIH_OSC/XI/3.4650/2.6250/0.0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	9.499999578	9.499999578
Min Limit	2.499999937	2.499999937

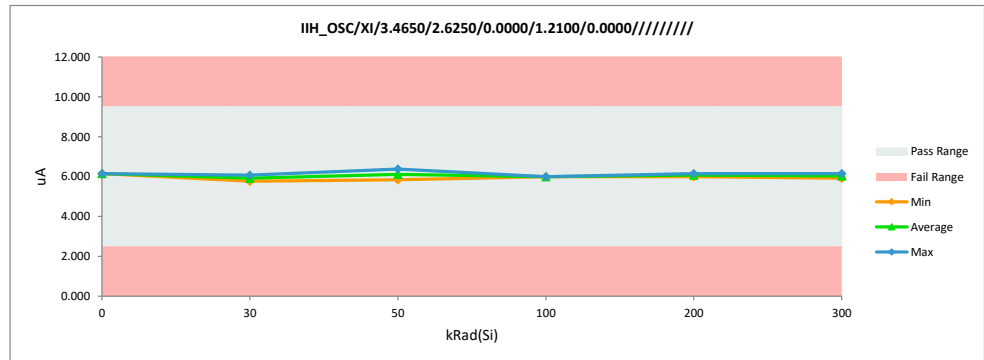
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	6.149	6.149	0.000
0	188A	6.149	6.149	0.000
0	191A	6.149	6.149	0.000
30	181B	6.149	5.768	-0.381
30	191B	6.149	6.073	-0.076
50	181C	6.149	6.378	0.229
50	191C	6.149	5.844	-0.305
100	181D	6.149	5.997	-0.152
100	191D	6.149	5.997	-0.152
200	181E	6.149	6.149	0.000
200	191E	6.149	5.997	-0.152
300	181F	6.149	6.149	0.000
300	191F	6.149	5.921	-0.229
Max		6.149	6.378	0.229
Average		6.149	6.055	-0.094
Min		6.149	5.768	-0.381
Std Dev		0.000	0.159	0.159



IIH_OSC/XI/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	9.499999578 uA
Min Limit	2.499999937 uA

kRad(Si)	0	30	50	100	200	300
LL	2.500	2.500	2.500	2.500	2.500	2.500
Min	6.149	5.768	5.844	5.997	5.997	5.921
Average	6.149	5.921	6.111	5.997	6.073	6.035
Max	6.149	6.073	6.378	5.997	6.149	6.149
UL	9.500	9.500	9.500	9.500	9.500	9.500

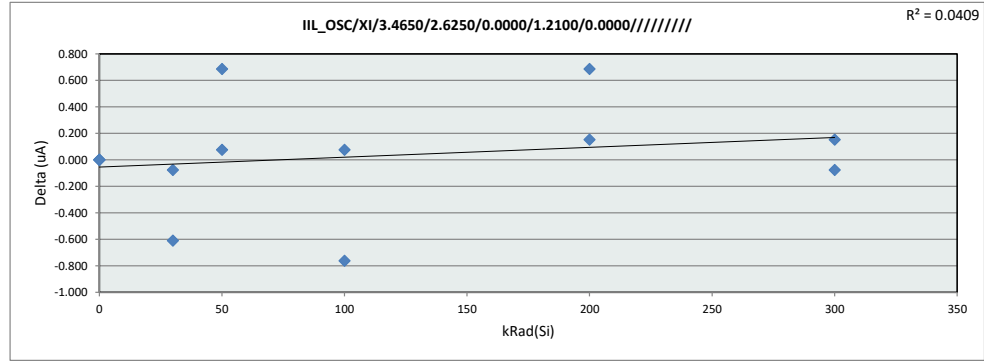


TID Report
DP83561-SP

IIL_OSC/XI/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	-2.499999937	-2.499999937
Min Limit	-9.499999578	-9.499999578

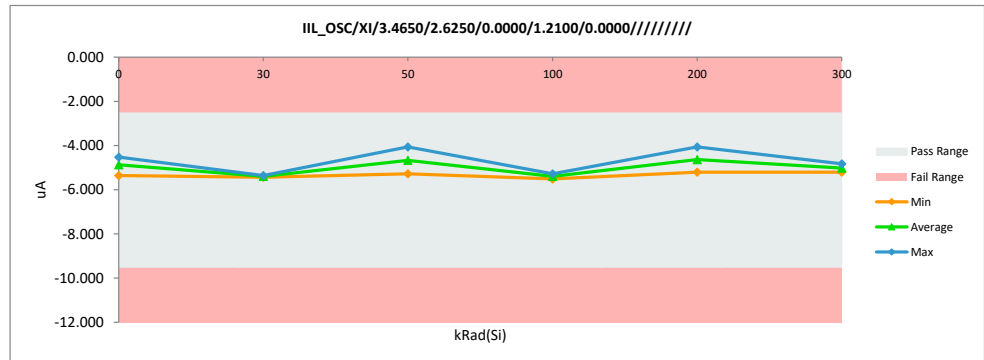
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-5.357	-5.357	0.000
0	188A	-4.519	-4.519	0.000
0	191A	-4.747	-4.747	0.000
30	181B	-5.357	-5.433	-0.076
30	191B	-4.747	-5.357	-0.610
50	181C	-5.357	-5.281	0.076
50	191C	-4.747	-4.061	0.686
100	181D	-5.357	-5.281	0.076
100	191D	-4.747	-5.509	-0.762
200	181E	-5.357	-5.204	0.152
200	191E	-4.747	-4.061	0.686
300	181F	-5.357	-5.204	0.152
300	191F	-4.747	-4.823	-0.076
Max		-4.519	-4.061	0.686
Average		-5.011	-4.988	0.023
Min		-5.357	-5.509	-0.762
Std Dev		0.339	0.502	0.404



IIL_OSC/XI/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-2.499999937 uA
Min Limit	-9.499999578 uA

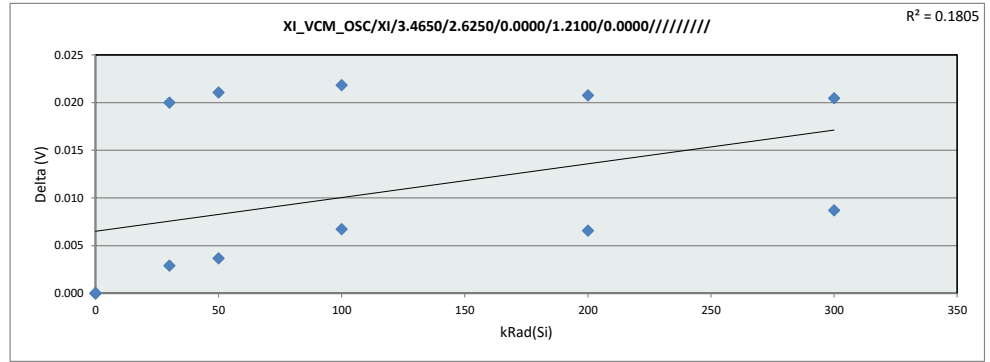
kRad(Si)	0	30	50	100	200	300
LL	-9.500	-9.500	-9.500	-9.500	-9.500	-9.500
Min	-5.357	-5.433	-5.281	-5.509	-5.204	-5.204
Average	-4.874	-5.395	-4.671	-5.395	-4.633	-5.014
Max	-4.519	-5.357	-4.061	-5.281	-4.061	-4.823
UL	-2.500	-2.500	-2.500	-2.500	-2.500	-2.500



TID Report
DP83561-SP

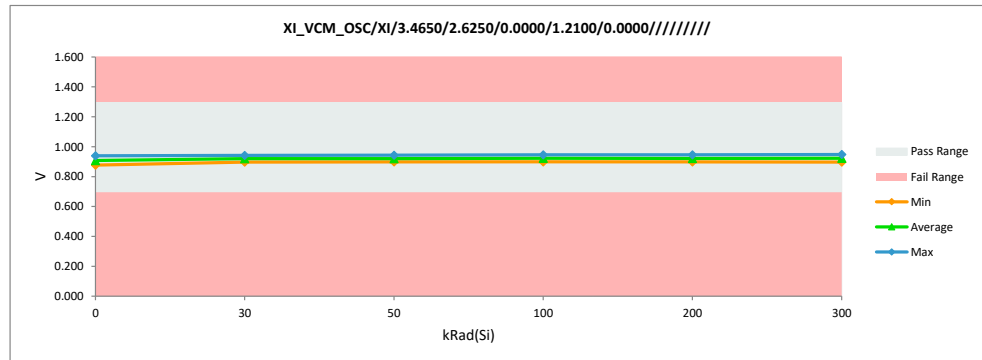
XI_VCM_OSC/XI/3.4650/2.6250		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	1.294999957	1.294999957
Min Limit	0.694999993	0.694999993

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.939	0.939	0.000
0	188A	0.907	0.907	0.000
0	191A	0.877	0.877	0.000
30	181B	0.939	0.942	0.003
30	191B	0.877	0.897	0.020
50	181C	0.939	0.943	0.004
50	191C	0.877	0.898	0.021
100	181D	0.939	0.946	0.007
100	191D	0.877	0.899	0.022
200	181E	0.939	0.946	0.007
200	191E	0.877	0.898	0.021
300	181F	0.939	0.948	0.009
300	191F	0.877	0.897	0.020
Max		0.939	0.948	0.022
Average		0.908	0.918	0.010
Min		0.877	0.877	0.000
Std Dev		0.031	0.026	0.009



XI_VCM_OSC/XI/3.4650/2.6250		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	1.294999957	V
Min Limit	0.694999993	V

kRad(Si)	0	30	50	100	200	300
LL	0.695	0.695	0.695	0.695	0.695	0.695
Min	0.877	0.897	0.898	0.899	0.898	0.897
Average	0.908	0.920	0.920	0.922	0.922	0.923
Max	0.939	0.942	0.943	0.946	0.946	0.948
UL	1.295	1.295	1.295	1.295	1.295	1.295

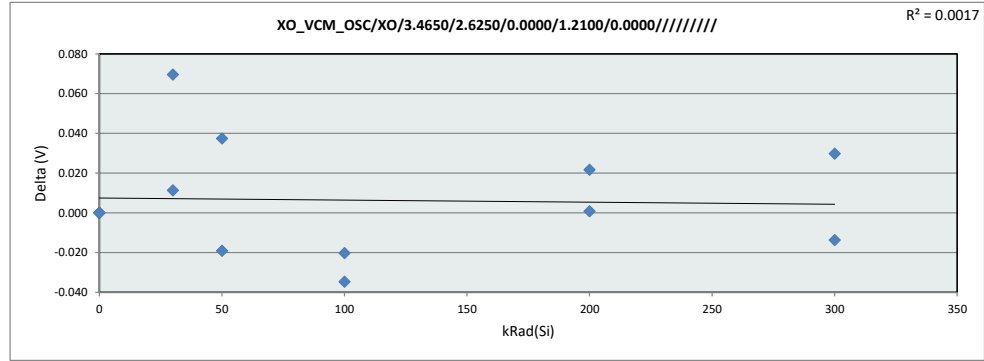


TID Report
DP83561-SP

XO_VCM_OSC/XO/3.4650/2.625

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	1.294999957	1.294999957
Min Limit	0.694999993	0.694999993

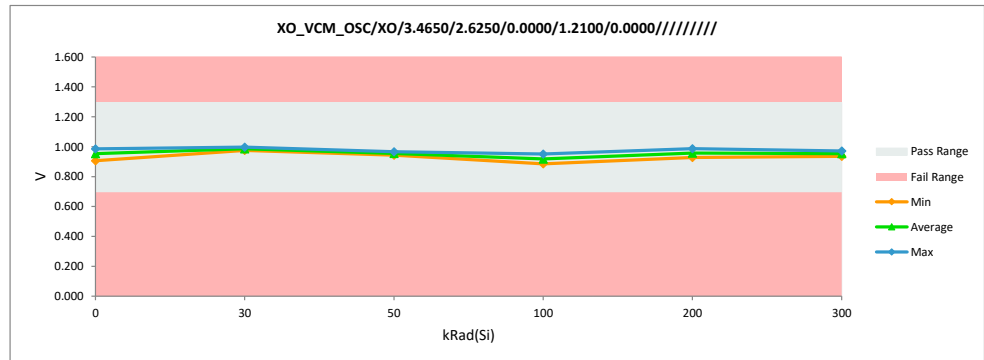
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.986	0.986	0.000
0	188A	0.971	0.971	0.000
0	191A	0.906	0.906	0.000
30	181B	0.986	0.997	0.011
30	191B	0.906	0.975	0.070
50	181C	0.986	0.967	-0.019
50	191C	0.906	0.943	0.037
100	181D	0.986	0.951	-0.035
100	191D	0.906	0.885	-0.020
200	181E	0.986	0.987	0.001
200	191E	0.906	0.927	0.022
300	181F	0.986	0.972	-0.014
300	191F	0.906	0.935	0.030
Max		0.986	0.997	0.070
Average		0.948	0.954	0.006
Min		0.906	0.885	-0.035
Std Dev		0.041	0.033	0.028



XO_VCM_OSC/XO/3.4650/2.625

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	1.294999957 V
Min Limit	0.694999993 V

kRad(Si)	0	30	50	100	200	300
LL	0.695	0.695	0.695	0.695	0.695	0.695
Min	0.906	0.975	0.943	0.885	0.927	0.935
Average	0.954	0.986	0.955	0.918	0.957	0.954
Max	0.986	0.997	0.967	0.951	0.987	0.972
UL	1.295	1.295	1.295	1.295	1.295	1.295

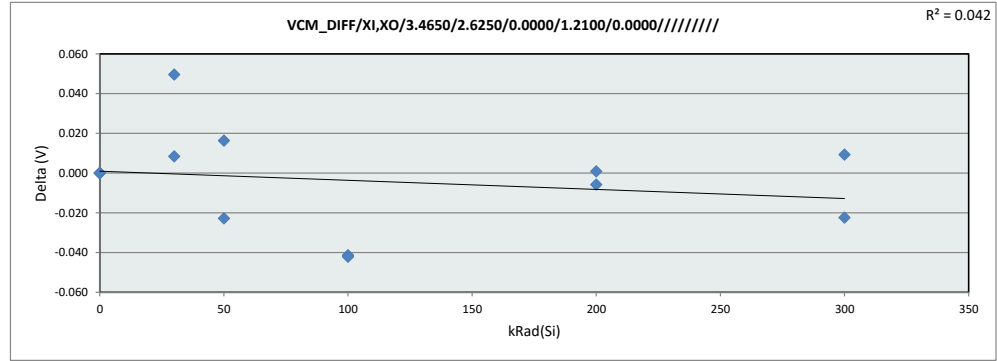


TID Report
DP83561-SP

VCM_DIFF/XI,XO/3.4650/2.6250

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.144999996	0.144999996
Min Limit	-0.144999996	-0.144999996

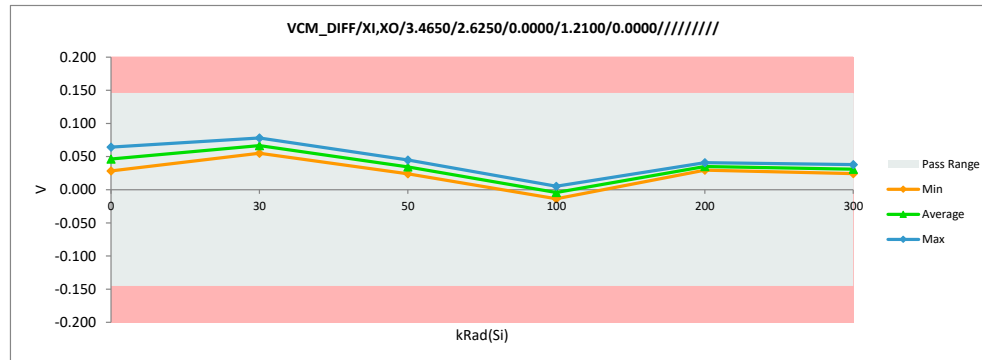
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.047	0.047	0.000
0	188A	0.064	0.064	0.000
0	191A	0.029	0.029	0.000
30	181B	0.047	0.055	0.008
30	191B	0.029	0.078	0.050
50	181C	0.047	0.024	-0.023
50	191C	0.029	0.045	0.016
100	181D	0.047	0.005	-0.041
100	191D	0.029	-0.014	-0.042
200	181E	0.047	0.041	-0.006
200	191E	0.029	0.029	0.001
300	181F	0.047	0.024	-0.022
300	191F	0.029	0.038	0.009
Max		0.064	0.078	0.050
Average		0.040	0.036	-0.004
Min		0.029	-0.014	-0.042
Std Dev		0.012	0.024	0.025



VCM_DIFF/XI,XO/3.4650/2.6250

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.144999996 V
Min Limit	-0.144999996 V

kRad(Si)	0	30	50	100	200	300
LL	-0.145	-0.145	-0.145	-0.145	-0.145	-0.145
Min	0.029	0.055	0.024	-0.014	0.029	0.024
Average	0.046	0.067	0.034	-0.004	0.035	0.031
Max	0.064	0.078	0.045	0.005	0.041	0.038
UL	0.145	0.145	0.145	0.145	0.145	0.145

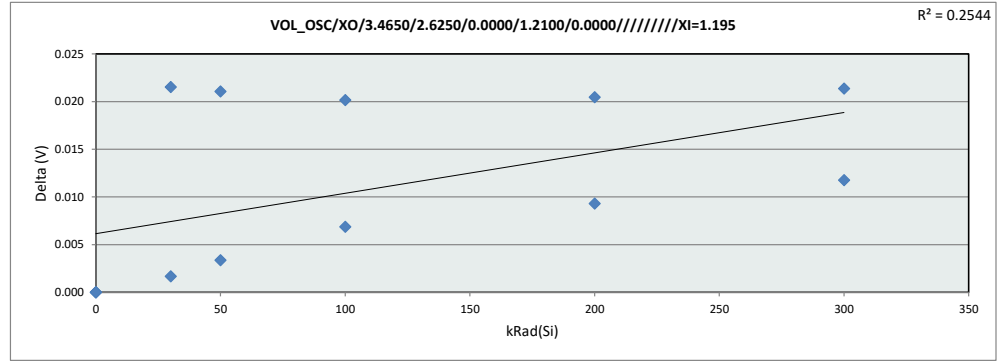


TID Report
DP83561-SP

VOL_OSC/XO/3.4650/2.6250/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit	0.005	0.005

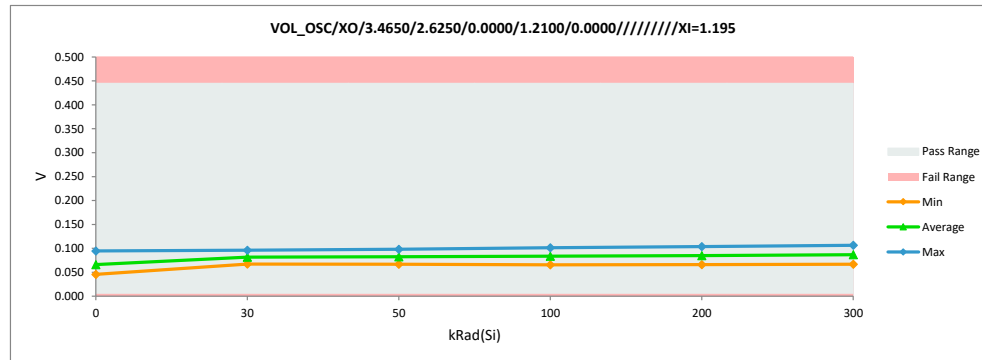
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.095	0.095	0.000
0	188A	0.058	0.058	0.000
0	191A	0.046	0.046	0.000
30	181B	0.095	0.096	0.002
30	191B	0.046	0.067	0.022
50	181C	0.095	0.098	0.003
50	191C	0.046	0.067	0.021
100	181D	0.095	0.101	0.007
100	191D	0.046	0.066	0.020
200	181E	0.095	0.104	0.009
200	191E	0.046	0.066	0.020
300	181F	0.095	0.106	0.012
300	191F	0.046	0.067	0.021
Max		0.095	0.106	0.022
Average		0.069	0.080	0.011
Min		0.046	0.046	0.000
Std Dev		0.025	0.021	0.009



VOL_OSC/XO/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	0.005 V

kRad(Si)	0	30	50	100	200	300
LL	0.005	0.005	0.005	0.005	0.005	0.005
Min	0.046	0.067	0.067	0.066	0.066	0.067
Average	0.066	0.082	0.082	0.084	0.085	0.087
Max	0.095	0.096	0.098	0.101	0.104	0.106
UL	0.445	0.445	0.445	0.445	0.445	0.445

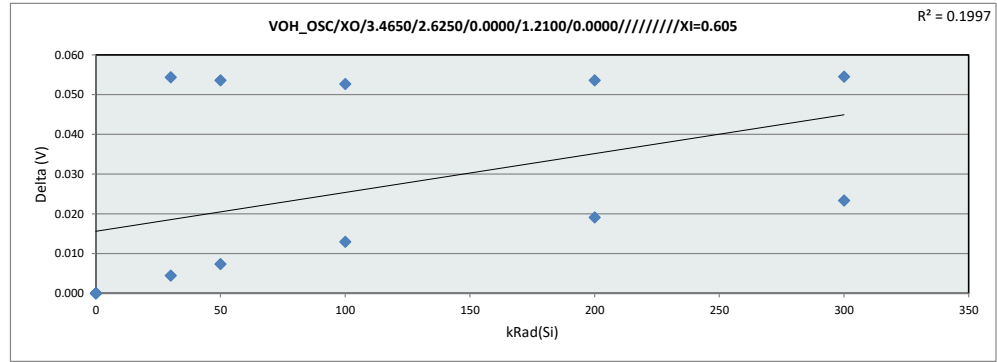


TID Report
DP83561-SP

VOH_OSC/XO/3.4650/2.6250/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	2.194999933	2.194999933
Min Limit	1.38499999	1.38499999

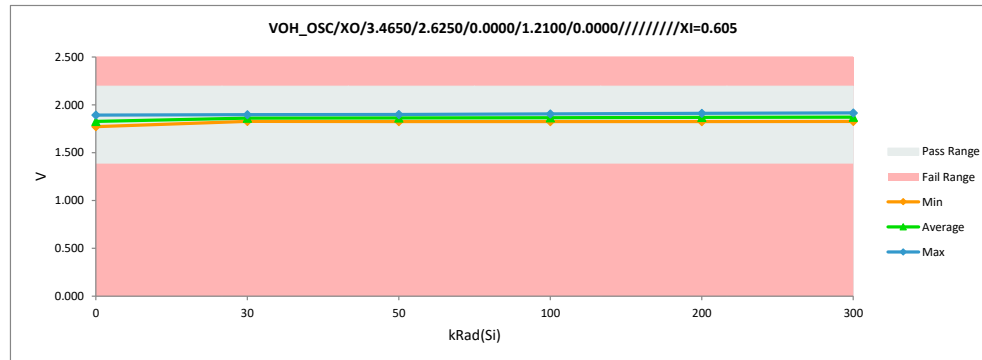
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.893	1.893	0.000
0	188A	1.816	1.816	0.000
0	191A	1.772	1.772	0.000
30	181B	1.893	1.897	0.004
30	191B	1.772	1.826	0.054
50	181C	1.893	1.900	0.007
50	191C	1.772	1.825	0.054
100	181D	1.893	1.906	0.013
100	191D	1.772	1.825	0.053
200	181E	1.893	1.912	0.019
200	191E	1.772	1.825	0.054
300	181F	1.893	1.916	0.023
300	191F	1.772	1.826	0.054
Max		1.893	1.916	0.054
Average		1.831	1.857	0.026
Min		1.772	1.772	0.000
Std Dev		0.061	0.048	0.024



VOH_OSC/XO/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	2.194999933 V
Min Limit	1.38499999 V

kRad(Si)	0	30	50	100	200	300
LL	1.385	1.385	1.385	1.385	1.385	1.385
Min	1.772	1.826	1.825	1.825	1.825	1.826
Average	1.827	1.862	1.863	1.865	1.869	1.871
Max	1.893	1.897	1.900	1.906	1.912	1.916
UL	2.195	2.195	2.195	2.195	2.195	2.195

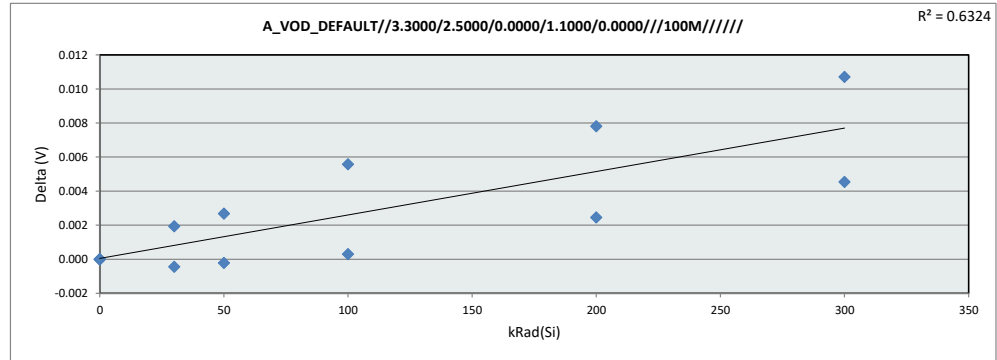


TID Report
DP83561-SP

A_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	1.044999957	1.044999957
Min Limit	0.954999983	0.954999983

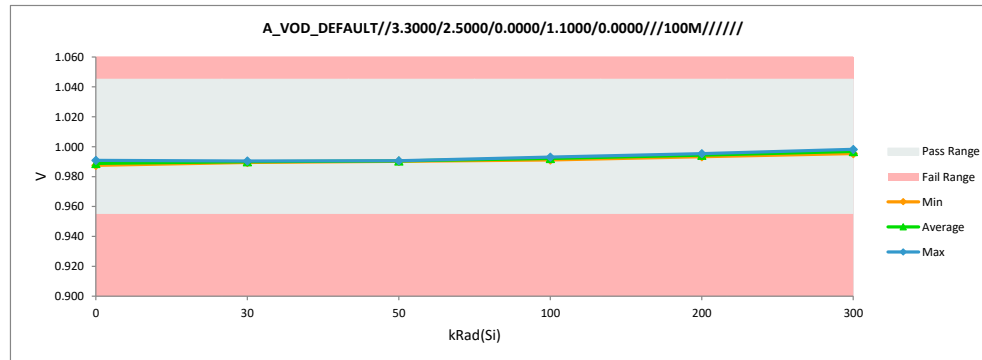
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.988	0.988	0.000
0	188A	0.988	0.988	0.000
0	191A	0.991	0.991	0.000
30	181B	0.988	0.989	0.002
30	191B	0.991	0.990	0.000
50	181C	0.988	0.990	0.003
50	191C	0.991	0.991	0.000
100	181D	0.988	0.993	0.006
100	191D	0.991	0.991	0.000
200	181E	0.988	0.995	0.008
200	191E	0.991	0.993	0.002
300	181F	0.988	0.998	0.011
300	191F	0.991	0.995	0.005
Max		0.991	0.998	0.011
Average		0.989	0.992	0.003
Min		0.988	0.988	0.000
Std Dev		0.002	0.003	0.004



A_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	1.044999957 V
Min Limit	0.954999983 V

kRad(Si)	0	30	50	100	200	300
LL	0.955	0.955	0.955	0.955	0.955	0.955
Min	0.988	0.989	0.990	0.991	0.993	0.995
Average	0.989	0.990	0.990	0.992	0.994	0.997
Max	0.991	0.990	0.991	0.993	0.995	0.998
UL	1.045	1.045	1.045	1.045	1.045	1.045

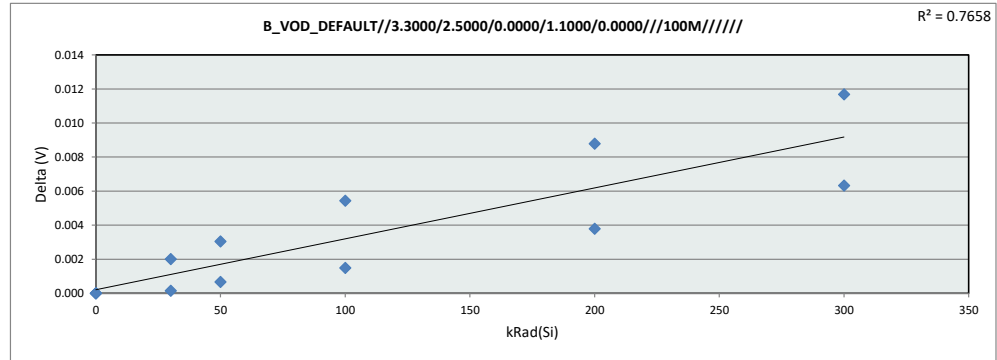


TID Report
DP83561-SP

B_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	1.044999957	1.044999957
Min Limit	0.954999983	0.954999983

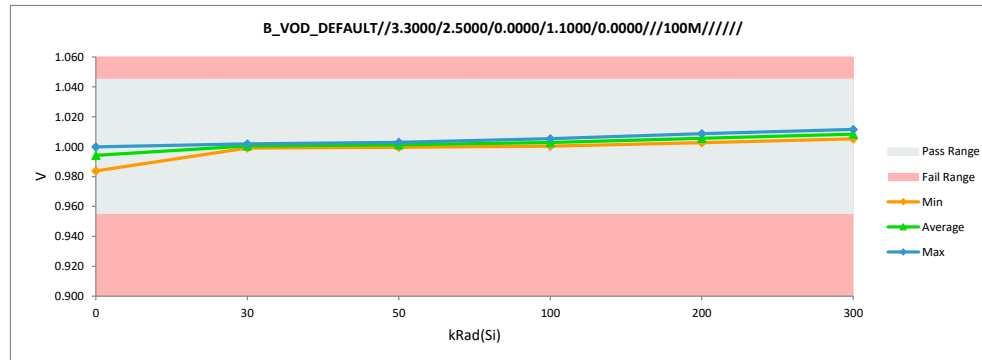
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.000	1.000	0.000
0	188A	0.984	0.984	0.000
0	191A	0.999	0.999	0.000
30	181B	1.000	1.002	0.002
30	191B	0.999	0.999	0.000
50	181C	1.000	1.003	0.003
50	191C	0.999	1.000	0.001
100	181D	1.000	1.005	0.005
100	191D	0.999	1.000	0.001
200	181E	1.000	1.009	0.009
200	191E	0.999	1.003	0.004
300	181F	1.000	1.012	0.012
300	191F	0.999	1.005	0.006
Max		1.000	1.012	0.012
Average		0.998	1.002	0.003
Min		0.984	0.984	0.000
Std Dev		0.004	0.007	0.004



B_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	1.044999957 V
Min Limit	0.954999983 V

kRad(Si)	0	30	50	100	200	300
LL	0.955	0.955	0.955	0.955	0.955	0.955
Min	0.984	0.999	1.000	1.000	1.003	1.005
Average	0.994	1.000	1.001	1.003	1.006	1.008
Max	1.000	1.002	1.003	1.005	1.009	1.012
UL	1.045	1.045	1.045	1.045	1.045	1.045

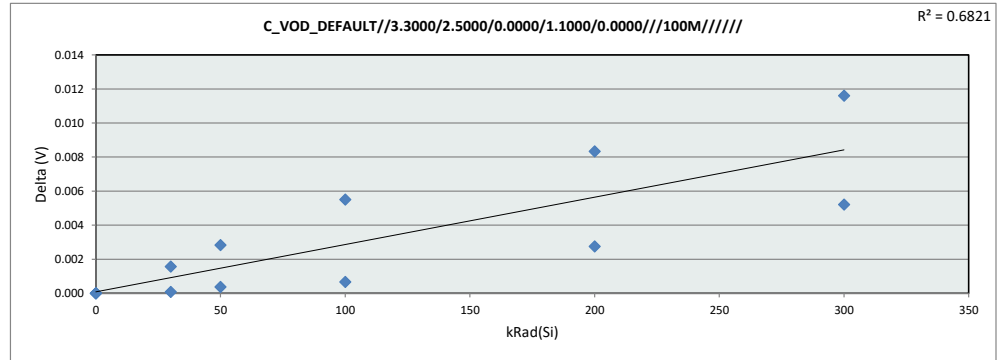


TID Report
DP83561-SP

C_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	1.044999957	1.044999957
Min Limit	0.954999983	0.954999983

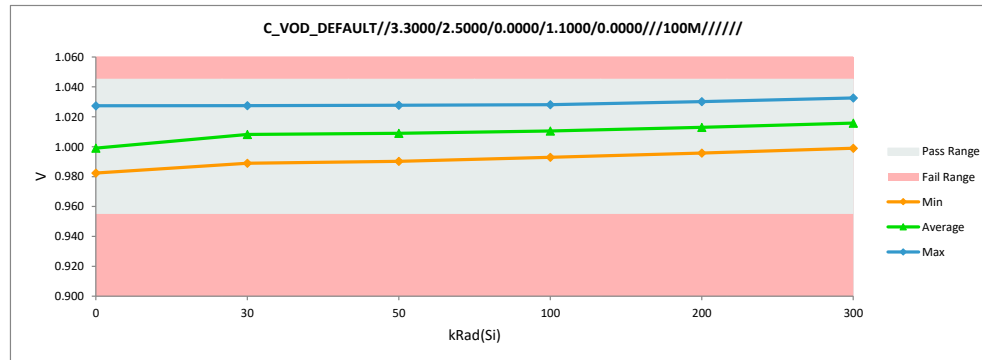
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.987	0.987	0.000
0	188A	0.982	0.982	0.000
0	191A	1.027	1.027	0.000
30	181B	0.987	0.989	0.002
30	191B	1.027	1.027	0.000
50	181C	0.987	0.990	0.003
50	191C	1.027	1.028	0.000
100	181D	0.987	0.993	0.006
100	191D	1.027	1.028	0.001
200	181E	0.987	0.996	0.008
200	191E	1.027	1.030	0.003
300	181F	0.987	0.999	0.012
300	191F	1.027	1.033	0.005
Max		1.027	1.033	0.012
Average		1.005	1.008	0.003
Min		0.982	0.982	0.000
Std Dev		0.021	0.020	0.004



C_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	1.044999957 V
Min Limit	0.954999983 V

kRad(Si)	0	30	50	100	200	300
LL	0.955	0.955	0.955	0.955	0.955	0.955
Min	0.982	0.989	0.990	0.993	0.996	0.999
Average	0.999	1.008	1.009	1.010	1.013	1.016
Max	1.027	1.027	1.028	1.028	1.030	1.033
UL	1.045	1.045	1.045	1.045	1.045	1.045

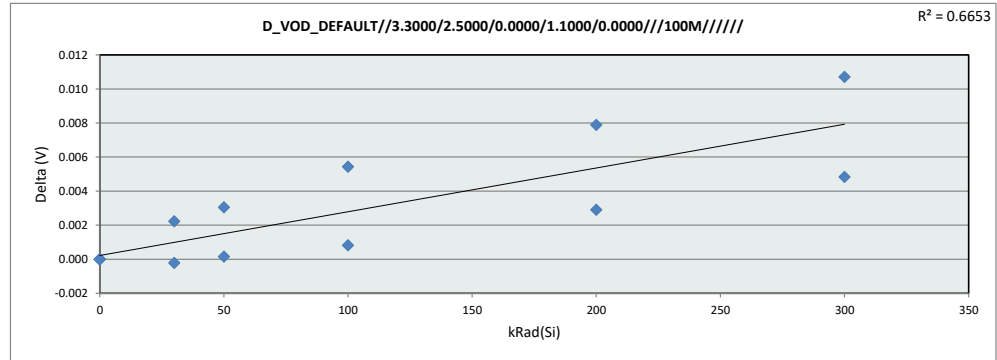


TID Report
DP83561-SP

D_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	1.044999957	1.044999957
Min Limit	0.954999983	0.954999983

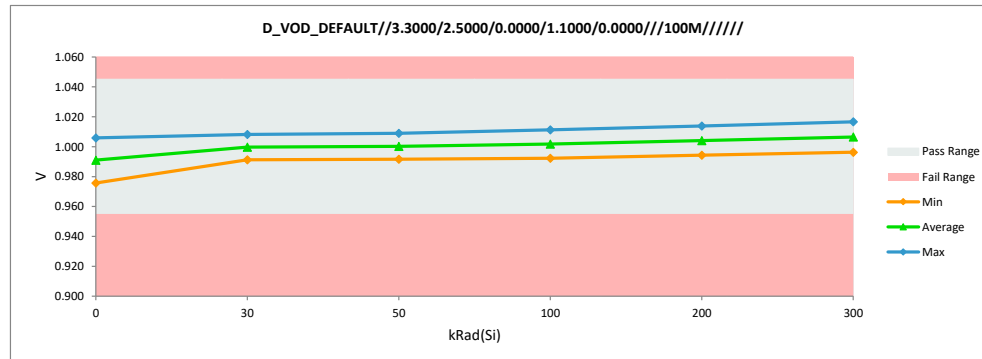
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.006	1.006	0.000
0	188A	0.976	0.976	0.000
0	191A	0.991	0.991	0.000
30	181B	1.006	1.008	0.002
30	191B	0.991	0.991	0.000
50	181C	1.006	1.009	0.003
50	191C	0.991	0.992	0.000
100	181D	1.006	1.011	0.005
100	191D	0.991	0.992	0.001
200	181E	1.006	1.014	0.008
200	191E	0.991	0.994	0.003
300	181F	1.006	1.017	0.011
300	191F	0.991	0.996	0.005
Max		1.006	1.017	0.011
Average		0.997	1.000	0.003
Min		0.976	0.976	0.000
Std Dev		0.010	0.012	0.003



D_VOD_DEFAULT//3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	1.044999957 V
Min Limit	0.954999983 V

kRad(Si)	0	30	50	100	200	300
LL	0.955	0.955	0.955	0.955	0.955	0.955
Min	0.976	0.991	0.992	0.992	0.994	0.996
Average	0.991	1.000	1.000	1.002	1.004	1.006
Max	1.006	1.008	1.009	1.011	1.014	1.017
UL	1.045	1.045	1.045	1.045	1.045	1.045

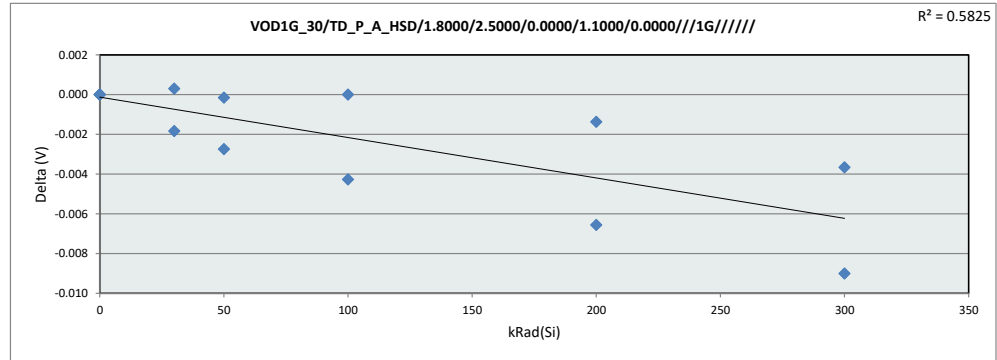


TID Report
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VOD1G_30/TD_P_A_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	-0.70599997	-0.70599997
Min Limit	-0.86599997	-0.86599997

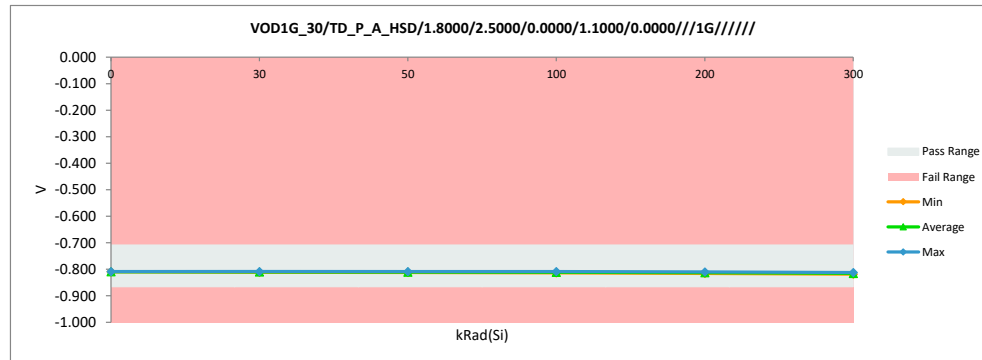
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.809	-0.809	0.000
0	188A	-0.809	-0.809	0.000
0	191A	-0.809	-0.809	0.000
30	181B	-0.809	-0.811	-0.002
30	191B	-0.809	-0.808	0.000
50	181C	-0.809	-0.812	-0.003
50	191C	-0.809	-0.809	0.000
100	181D	-0.809	-0.814	-0.004
100	191D	-0.809	-0.809	0.000
200	181E	-0.809	-0.816	-0.007
200	191E	-0.809	-0.810	-0.001
300	181F	-0.809	-0.818	-0.009
300	191F	-0.809	-0.812	-0.004
Max		-0.809	-0.808	0.000
Average		-0.809	-0.811	-0.002
Min		-0.809	-0.818	-0.009
Std Dev		0.000	0.003	0.003



VOD1G_30/TD_P_A_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-0.70599997 V
Min Limit	-0.86599997 V

kRad(Si)	0	30	50	100	200	300
LL	-0.866	-0.866	-0.866	-0.866	-0.866	-0.866
Min	-0.809	-0.811	-0.812	-0.814	-0.816	-0.818
Average	-0.809	-0.810	-0.810	-0.811	-0.813	-0.815
Max	-0.809	-0.808	-0.809	-0.809	-0.810	-0.812
UL	-0.706	-0.706	-0.706	-0.706	-0.706	-0.706

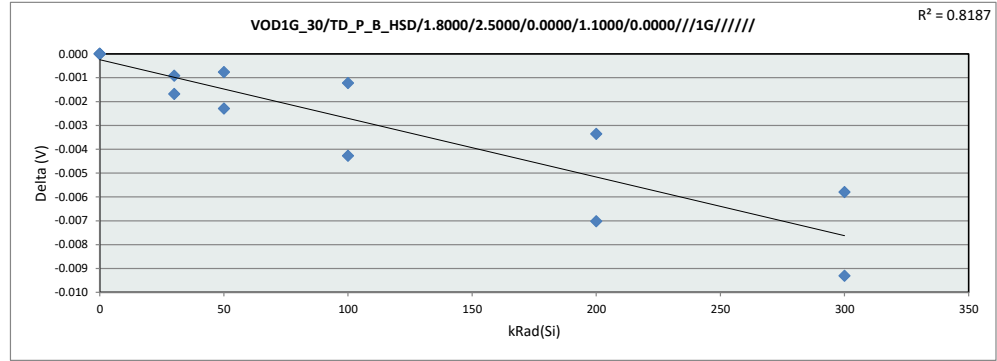


TID Report
DP83561-SP

VOD1G_30/TD_P_B_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	-0.70599997	-0.70599997
Min Limit	-0.86599997	-0.86599997

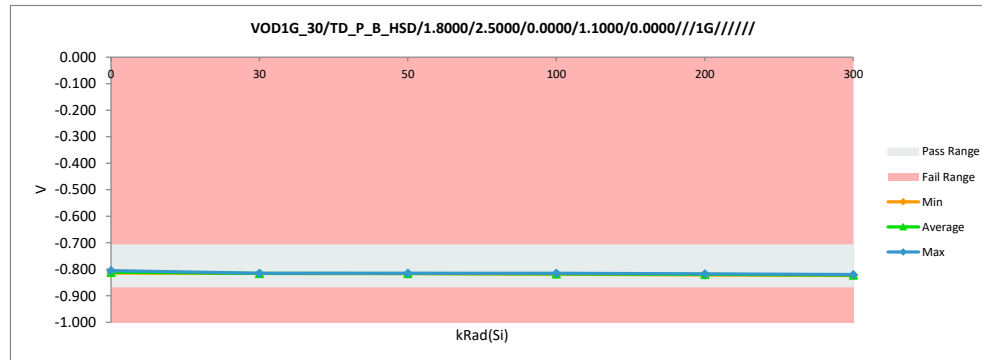
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.814	-0.814	0.000
0	188A	-0.805	-0.805	0.000
0	191A	-0.814	-0.814	0.000
30	181B	-0.814	-0.816	-0.002
30	191B	-0.814	-0.815	-0.001
50	181C	-0.814	-0.817	-0.002
50	191C	-0.814	-0.815	-0.001
100	181D	-0.814	-0.819	-0.004
100	191D	-0.814	-0.815	-0.001
200	181E	-0.814	-0.821	-0.007
200	191E	-0.814	-0.817	-0.003
300	181F	-0.814	-0.824	-0.009
300	191F	-0.814	-0.820	-0.006
Max		-0.805	-0.805	0.000
Average		-0.813	-0.816	-0.003
Min		-0.814	-0.824	-0.009
Std Dev		0.003	0.004	0.003



VOD1G_30/TD_P_B_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-0.70599997 V
Min Limit	-0.86599997 V

kRad(Si)	0	30	50	100	200	300
LL	-0.866	-0.866	-0.866	-0.866	-0.866	-0.866
Min	-0.814	-0.816	-0.817	-0.819	-0.821	-0.824
Average	-0.811	-0.815	-0.816	-0.817	-0.819	-0.822
Max	-0.805	-0.815	-0.815	-0.815	-0.817	-0.820
UL	-0.706	-0.706	-0.706	-0.706	-0.706	-0.706

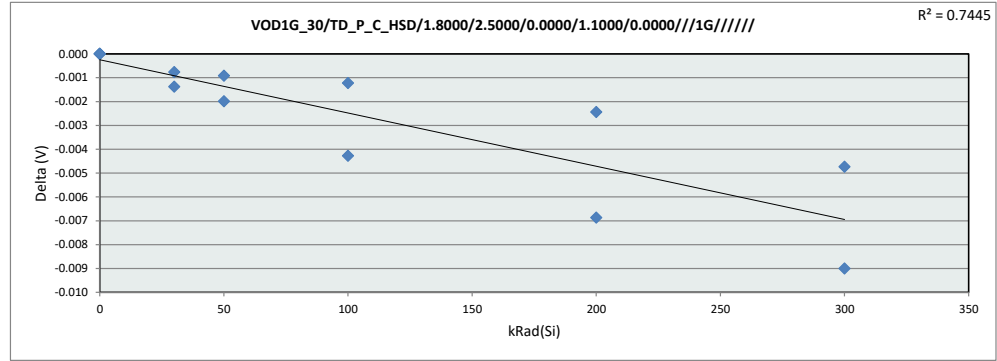


TID Report
DP83561-SP

VOD1G_30/TD_P_C_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	-0.70599997	-0.70599997
Min Limit	-0.86599997	-0.86599997

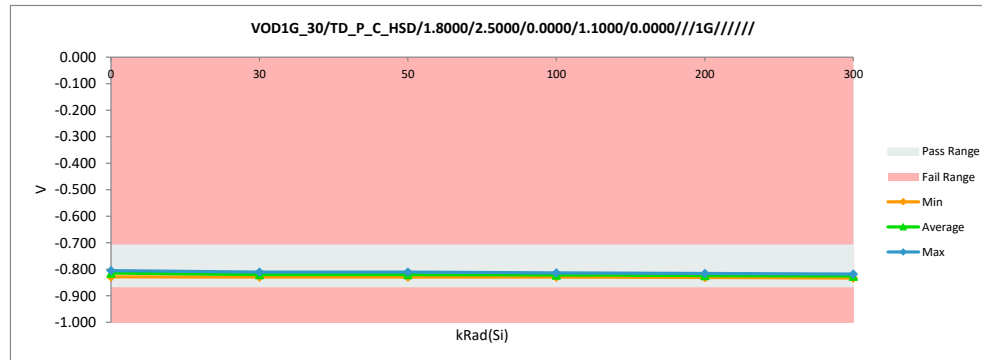
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.809	-0.809	0.000
0	188A	-0.805	-0.805	0.000
0	191A	-0.829	-0.829	0.000
30	181B	-0.809	-0.810	-0.001
30	191B	-0.829	-0.829	-0.001
50	181C	-0.809	-0.811	-0.002
50	191C	-0.829	-0.829	-0.001
100	181D	-0.809	-0.813	-0.004
100	191D	-0.829	-0.830	-0.001
200	181E	-0.809	-0.816	-0.007
200	191E	-0.829	-0.831	-0.002
300	181F	-0.809	-0.818	-0.009
300	191F	-0.829	-0.833	-0.005
Max		-0.805	-0.805	0.000
Average		-0.818	-0.820	-0.003
Min		-0.829	-0.833	-0.009
Std Dev		0.011	0.010	0.003



VOD1G_30/TD_P_C_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-0.70599997 V
Min Limit	-0.86599997 V

kRad(Si)	0	30	50	100	200	300
LL	-0.866	-0.866	-0.866	-0.866	-0.866	-0.866
Min	-0.829	-0.829	-0.829	-0.830	-0.831	-0.833
Average	-0.814	-0.820	-0.820	-0.821	-0.823	-0.826
Max	-0.805	-0.810	-0.811	-0.813	-0.816	-0.818
UL	-0.706	-0.706	-0.706	-0.706	-0.706	-0.706

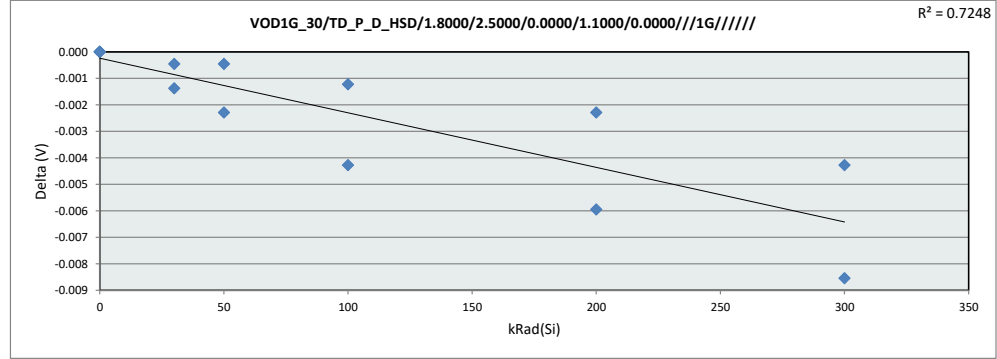


TID Report
DP83561-SP

VOD1G_30/TD_P_D_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	-0.70599997	-0.70599997
Min Limit	-0.86599997	-0.86599997

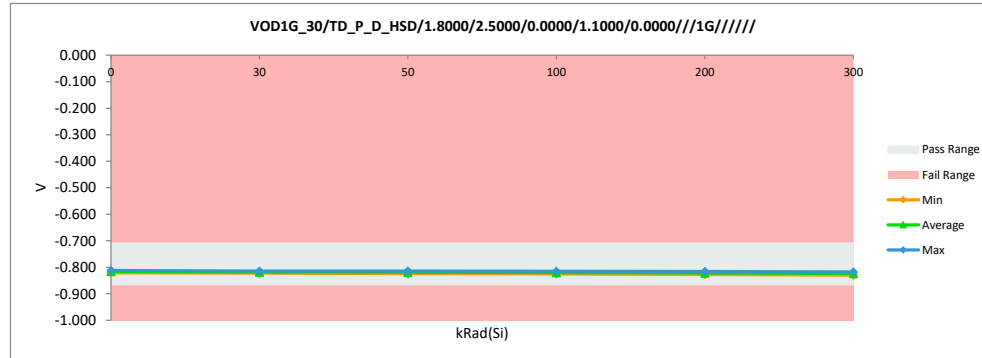
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.821	-0.821	0.000
0	188A	-0.812	-0.812	0.000
0	191A	-0.813	-0.813	0.000
30	181B	-0.821	-0.822	-0.001
30	191B	-0.813	-0.814	0.000
50	181C	-0.821	-0.823	-0.002
50	191C	-0.813	-0.814	0.000
100	181D	-0.821	-0.825	-0.004
100	191D	-0.813	-0.815	-0.001
200	181E	-0.821	-0.827	-0.006
200	191E	-0.813	-0.816	-0.002
300	181F	-0.821	-0.830	-0.009
300	191F	-0.813	-0.818	-0.004
Max		-0.812	-0.812	0.000
Average		-0.817	-0.819	-0.002
Min		-0.821	-0.830	-0.009
Std Dev		0.004	0.006	0.003



VOD1G_30/TD_P_D_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-0.70599997 V
Min Limit	-0.86599997 V

kRad(Si)	0	30	50	100	200	300
LL	-0.866	-0.866	-0.866	-0.866	-0.866	-0.866
Min	-0.821	-0.822	-0.823	-0.825	-0.827	-0.830
Average	-0.816	-0.818	-0.819	-0.820	-0.821	-0.824
Max	-0.812	-0.814	-0.814	-0.815	-0.816	-0.818
UL	-0.706	-0.706	-0.706	-0.706	-0.706	-0.706

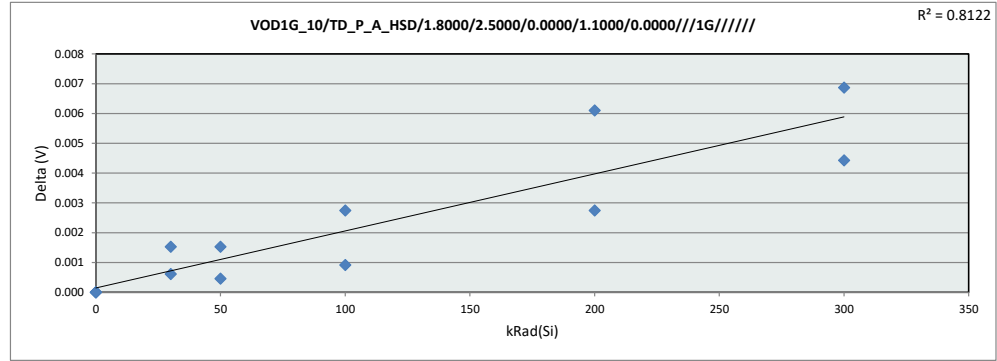


TID Report
DP83561-SP

VOD1G_10/TD_P_A_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.865999997	0.865999997
Min Limit	0.705999997	0.705999997

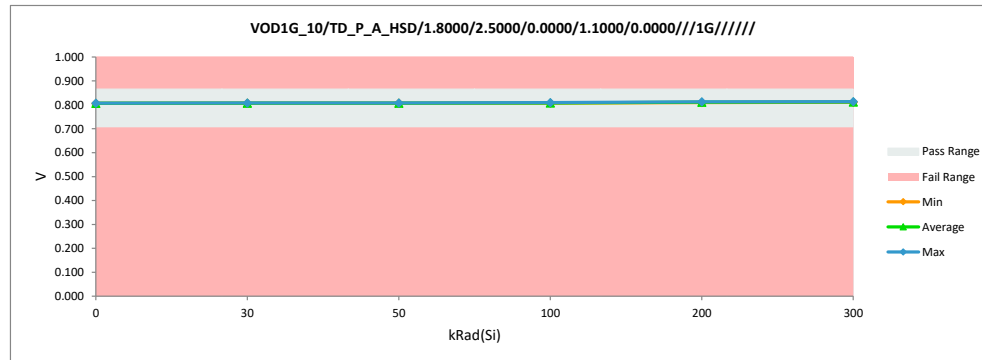
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.806	0.806	0.000
0	188A	0.807	0.807	0.000
0	191A	0.806	0.806	0.000
30	181B	0.806	0.808	0.002
30	191B	0.806	0.807	0.001
50	181C	0.806	0.808	0.002
50	191C	0.806	0.807	0.000
100	181D	0.806	0.809	0.003
100	191D	0.806	0.807	0.001
200	181E	0.806	0.813	0.006
200	191E	0.806	0.809	0.003
300	181F	0.806	0.813	0.007
300	191F	0.806	0.811	0.004
Max		0.807	0.813	0.007
Average		0.806	0.809	0.002
Min		0.806	0.806	0.000
Std Dev		0.000	0.002	0.002



VOD1G_10/TD_P_A_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.865999997 V
Min Limit	0.705999997 V

kRad(Si)	0	30	50	100	200	300
LL	0.706	0.706	0.706	0.706	0.706	0.706
Min	0.806	0.807	0.807	0.807	0.809	0.811
Average	0.807	0.807	0.807	0.808	0.811	0.812
Max	0.807	0.808	0.808	0.809	0.813	0.813
UL	0.866	0.866	0.866	0.866	0.866	0.866

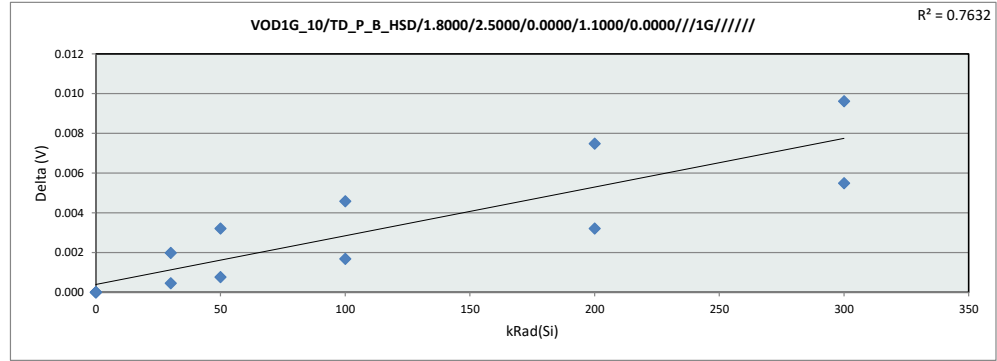


TID Report
DP83561-SP

VOD1G_10/TD_P_B_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.865999997	0.865999997
Min Limit	0.705999997	0.705999997

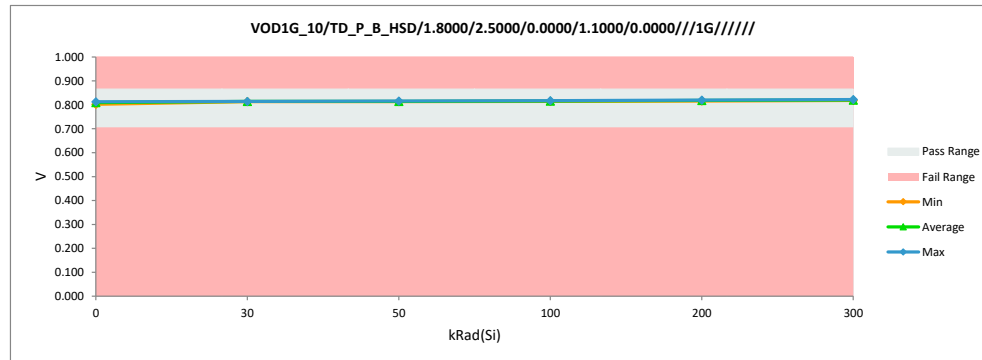
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.813	0.813	0.000
0	188A	0.802	0.802	0.000
0	191A	0.813	0.813	0.000
30	181B	0.813	0.815	0.002
30	191B	0.813	0.813	0.000
50	181C	0.813	0.816	0.003
50	191C	0.813	0.814	0.001
100	181D	0.813	0.817	0.005
100	191D	0.813	0.815	0.002
200	181E	0.813	0.820	0.007
200	191E	0.813	0.816	0.003
300	181F	0.813	0.822	0.010
300	191F	0.813	0.818	0.005
Max		0.813	0.822	0.010
Average		0.812	0.815	0.003
Min		0.802	0.802	0.000
Std Dev		0.003	0.005	0.003



VOD1G_10/TD_P_B_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.865999997 V
Min Limit	0.705999997 V

kRad(Si)	0	30	50	100	200	300
LL	0.706	0.706	0.706	0.706	0.706	0.706
Min	0.802	0.813	0.814	0.815	0.816	0.818
Average	0.809	0.814	0.815	0.816	0.818	0.820
Max	0.813	0.815	0.816	0.817	0.820	0.822
UL	0.866	0.866	0.866	0.866	0.866	0.866

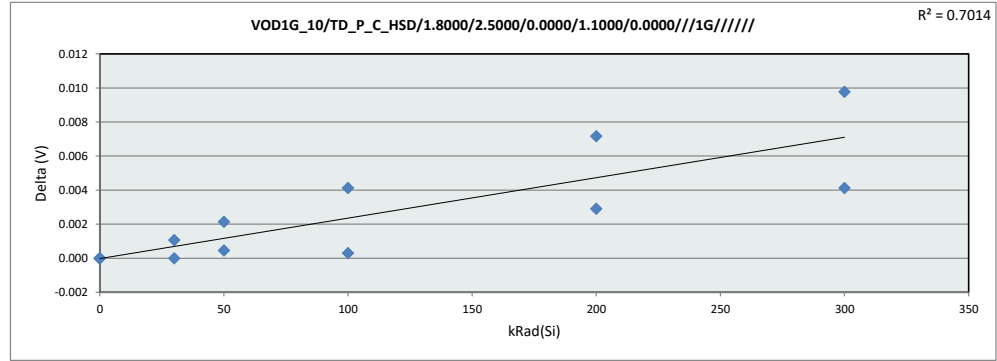


TID Report
DP83561-SP

VOD1G_10/TD_P_C_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.865999997	0.865999997
Min Limit	0.705999997	0.705999997

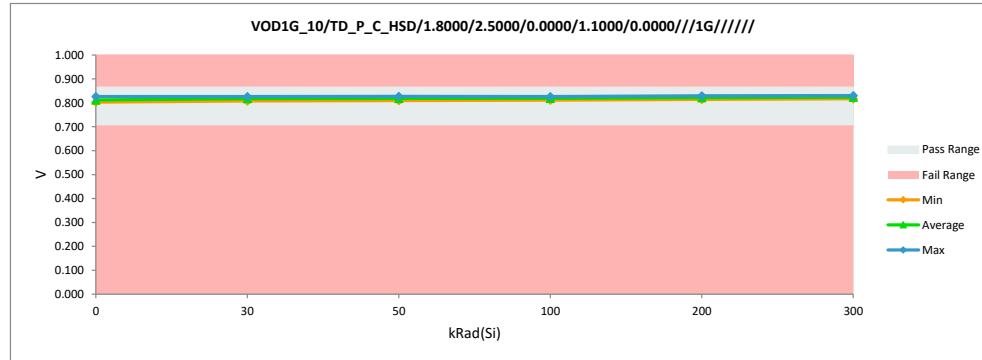
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.807	0.807	0.000
0	188A	0.803	0.803	0.000
0	191A	0.826	0.826	0.000
30	181B	0.807	0.808	0.001
30	191B	0.826	0.826	0.000
50	181C	0.807	0.809	0.002
50	191C	0.826	0.827	0.000
100	181D	0.807	0.811	0.004
100	191D	0.826	0.827	0.000
200	181E	0.807	0.814	0.007
200	191E	0.826	0.829	0.003
300	181F	0.807	0.817	0.010
300	191F	0.826	0.831	0.004
Max		0.826	0.831	0.010
Average		0.816	0.818	0.002
Min		0.803	0.803	0.000
Std Dev		0.010	0.010	0.003



VOD1G_10/TD_P_C_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.865999997 V
Min Limit	0.705999997 V

kRad(Si)	0	30	50	100	200	300
LL	0.706	0.706	0.706	0.706	0.706	0.706
Min	0.803	0.808	0.809	0.811	0.814	0.817
Average	0.812	0.817	0.818	0.819	0.822	0.824
Max	0.826	0.826	0.827	0.827	0.829	0.831
UL	0.866	0.866	0.866	0.866	0.866	0.866

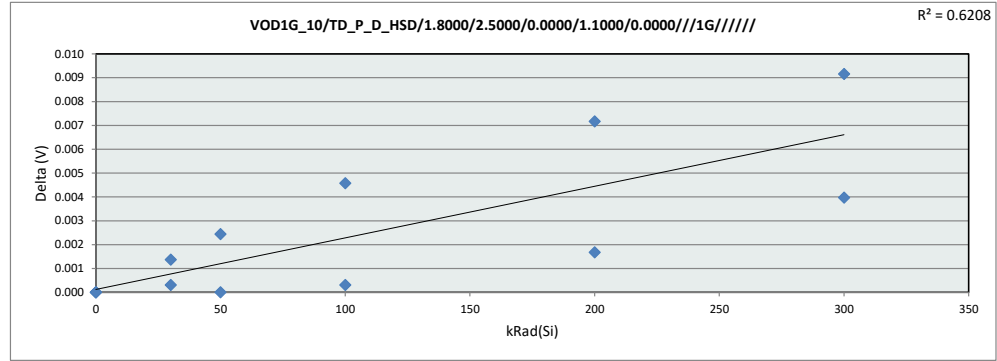


TID Report
DP83561-SP

VOD1G_10/TD_P_D_HSD/1.8000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.865999997	0.865999997
Min Limit	0.705999997	0.705999997

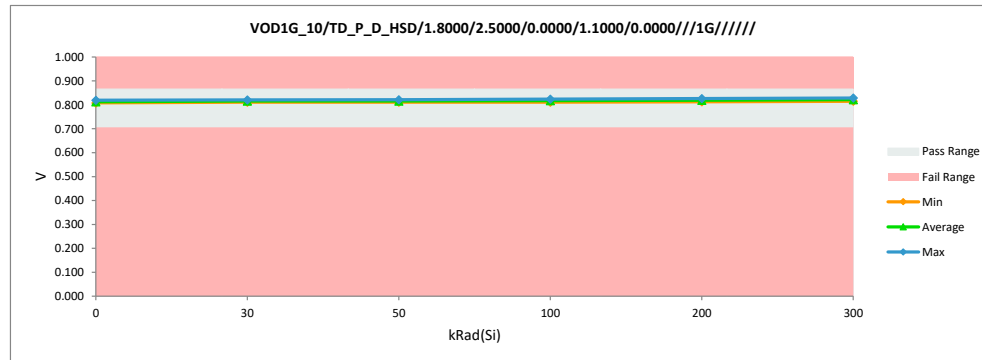
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.819	0.819	0.000
0	188A	0.808	0.808	0.000
0	191A	0.811	0.811	0.000
30	181B	0.819	0.821	0.001
30	191B	0.811	0.811	0.000
50	181C	0.819	0.822	0.002
50	191C	0.811	0.811	0.000
100	181D	0.819	0.824	0.005
100	191D	0.811	0.811	0.000
200	181E	0.819	0.827	0.007
200	191E	0.811	0.812	0.002
300	181F	0.819	0.829	0.009
300	191F	0.811	0.815	0.004
Max		0.819	0.829	0.009
Average		0.815	0.817	0.002
Min		0.808	0.808	0.000
Std Dev		0.005	0.007	0.003



VOD1G_10/TD_P_D_HSD/1.8000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.865999997 V
Min Limit	0.705999997 V

kRad(Si)	0	30	50	100	200	300
LL	0.706	0.706	0.706	0.706	0.706	0.706
Min	0.808	0.811	0.811	0.811	0.812	0.815
Average	0.813	0.816	0.816	0.818	0.820	0.822
Max	0.819	0.821	0.822	0.824	0.827	0.829
UL	0.866	0.866	0.866	0.866	0.866	0.866

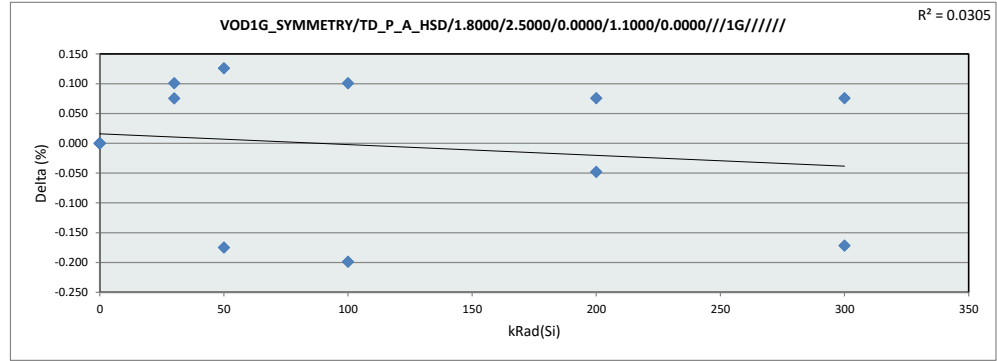


TID Report
DP83561-SP

VOD1G_SYMMETRY/TD_P_A_HSD

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	%	%
Max Limit	101.9499969	101.9499969
Min Limit	98.05000305	98.05000305

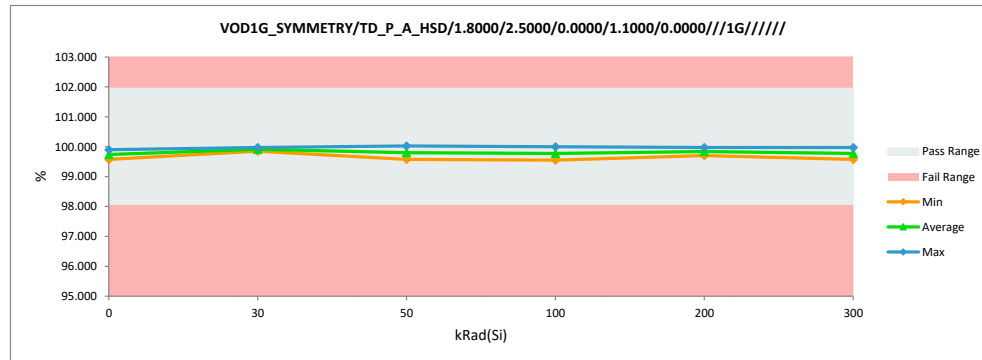
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	99.748	99.748	0.000
0	188A	99.573	99.573	0.000
0	191A	99.899	99.899	0.000
30	181B	99.748	99.849	0.101
30	191B	99.899	99.975	0.075
50	181C	99.748	99.574	-0.175
50	191C	99.899	100.025	0.126
100	181D	99.748	99.550	-0.199
100	191D	99.899	100.000	0.101
200	181E	99.748	99.701	-0.048
200	191E	99.899	99.975	0.076
300	181F	99.748	99.577	-0.172
300	191F	99.899	99.975	0.076
Max		99.899	100.025	0.126
Average		99.805	99.802	-0.003
Min		99.573	99.550	-0.199
Std Dev		0.103	0.188	0.114



VOD1G_SYMMETRY/TD_P_A_HSD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	101.9499969 %
Min Limit	98.05000305 %

kRad(Si)	0	30	50	100	200	300
LL	98.050	98.050	98.050	98.050	98.050	98.050
Min	99.573	99.849	99.574	99.550	99.701	99.577
Average	99.740	99.912	99.799	99.775	99.838	99.776
Max	99.899	99.975	100.025	100.000	99.975	99.975
UL	101.950	101.950	101.950	101.950	101.950	101.950

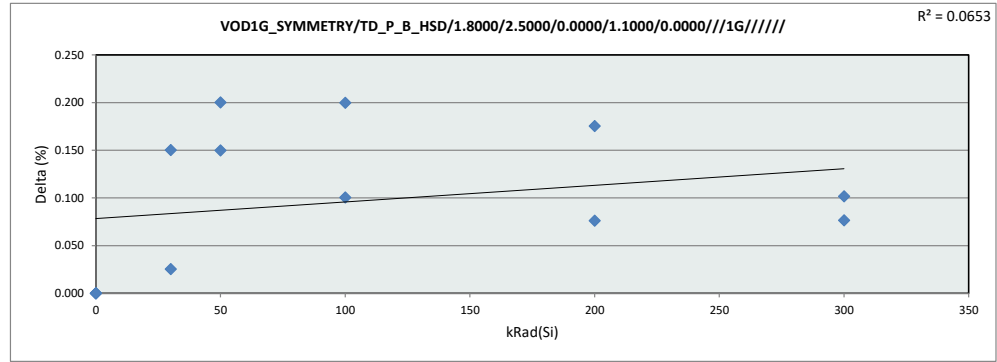


TID Report
DP83561-SP

VOD1G_SYMMETRY/TD_P_B_HSD

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	%	%
Max Limit	101.9499969	101.9499969
Min Limit	98.05000305	98.05000305

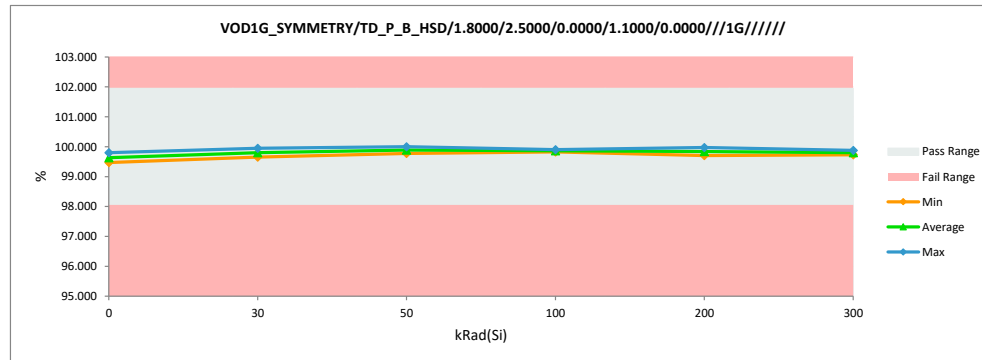
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	99.800	99.800	0.000
0	188A	99.470	99.470	0.000
0	191A	99.626	99.626	0.000
30	181B	99.800	99.950	0.150
30	191B	99.626	99.651	0.025
50	181C	99.800	100.000	0.200
50	191C	99.626	99.776	0.150
100	181D	99.800	99.900	0.101
100	191D	99.626	99.825	0.200
200	181E	99.800	99.975	0.175
200	191E	99.626	99.702	0.076
300	181F	99.800	99.876	0.077
300	191F	99.626	99.727	0.102
Max		99.800	100.000	0.200
Average		99.694	99.791	0.097
Min		99.470	99.470	0.000
Std Dev		0.110	0.154	0.075



VOD1G_SYMMETRY/TD_P_B_HSD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	101.9499969 %
Min Limit	98.05000305 %

kRad(Si)	0	30	50	100	200	300
LL	98.050	98.050	98.050	98.050	98.050	98.050
Min	99.470	99.651	99.776	99.825	99.702	99.727
Average	99.632	99.801	99.888	99.863	99.838	99.802
Max	99.800	99.950	100.000	99.900	99.975	99.876
UL	101.950	101.950	101.950	101.950	101.950	101.950

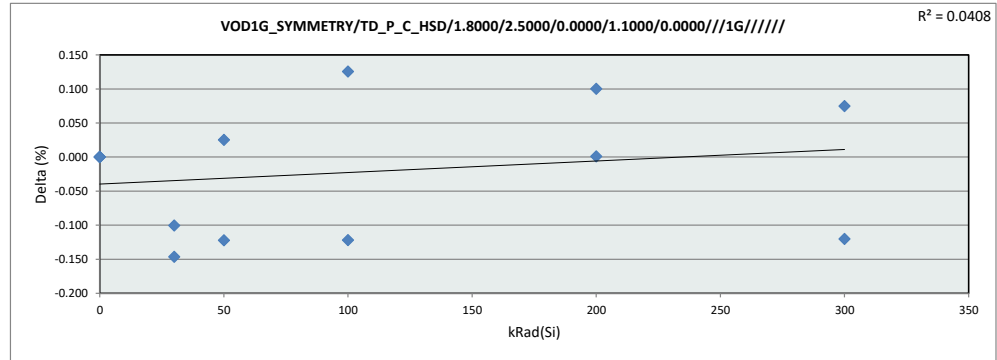


TID Report
DP83561-SP

VOD1G_SYMMETRY/TD_P_C_HSD

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	%	%
Max Limit	101.9499969	101.9499969
Min Limit	98.05000305	98.05000305

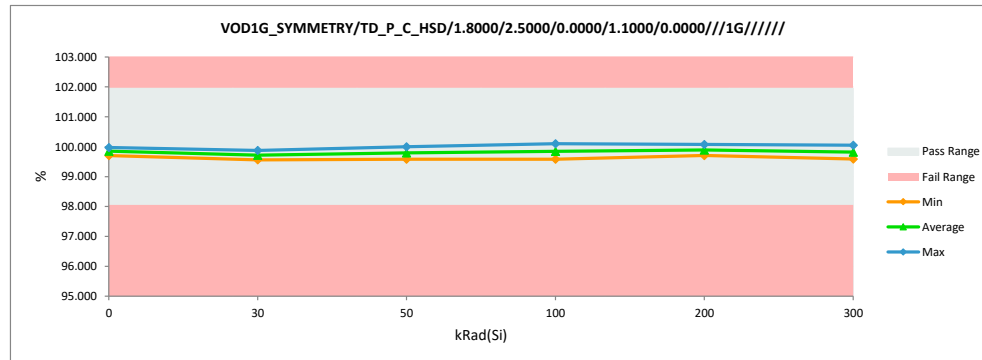
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	99.975	99.975	0.000
0	188A	99.874	99.874	0.000
0	191A	99.706	99.706	0.000
30	181B	99.975	99.874	-0.100
30	191B	99.706	99.559	-0.147
50	181C	99.975	100.000	0.025
50	191C	99.706	99.583	-0.122
100	181D	99.975	100.100	0.125
100	191D	99.706	99.584	-0.122
200	181E	99.975	100.075	0.100
200	191E	99.706	99.706	0.001
300	181F	99.975	100.050	0.075
300	191F	99.706	99.585	-0.120
Max		99.975	100.100	0.125
Average		99.843	99.821	-0.022
Min		99.706	99.559	-0.147
Std Dev		0.135	0.208	0.092



VOD1G_SYMMETRY/TD_P_C_HSD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	101.9499969 %
Min Limit	98.05000305 %

kRad(Si)	0	30	50	100	200	300
LL	98.050	98.050	98.050	98.050	98.050	98.050
Min	99.706	99.559	99.583	99.584	99.706	99.585
Average	99.851	99.717	99.792	99.842	99.891	99.818
Max	99.975	99.874	100.000	100.100	100.075	100.050
UL	101.950	101.950	101.950	101.950	101.950	101.950

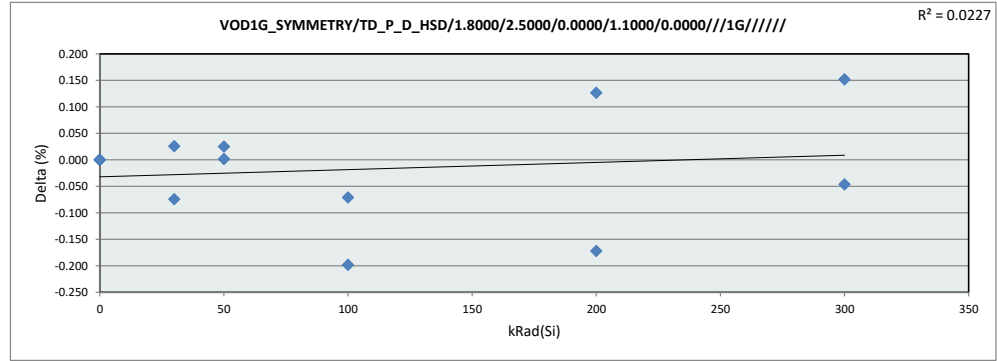


TID Report
DP83561-SP

VOD1G_SYMMETRY/TD_P_D_HSD

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	%	%
Max Limit	101.9499969	101.9499969
Min Limit	98.05000305	98.05000305

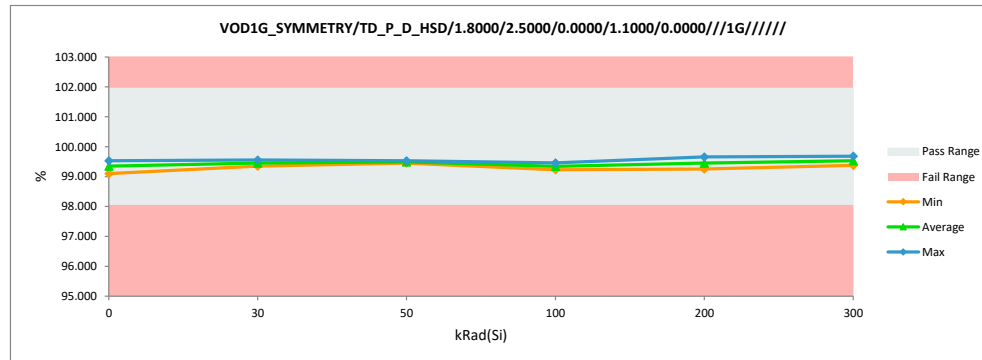
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	99.530	99.530	0.000
0	188A	99.101	99.101	0.000
0	191A	99.425	99.425	0.000
30	181B	99.530	99.555	0.026
30	191B	99.425	99.351	-0.074
50	181C	99.530	99.531	0.001
50	191C	99.425	99.450	0.025
100	181D	99.530	99.459	-0.071
100	191D	99.425	99.227	-0.198
200	181E	99.530	99.656	0.126
200	191E	99.425	99.253	-0.172
300	181F	99.530	99.682	0.152
300	191F	99.425	99.379	-0.046
Max		99.530	99.682	0.152
Average		99.448	99.431	-0.018
Min		99.101	99.101	-0.198
Std Dev		0.117	0.169	0.099



VOD1G_SYMMETRY/TD_P_D_HSD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	101.9499969 %
Min Limit	98.05000305 %

kRad(Si)	0	30	50	100	200	300
LL	98.050	98.050	98.050	98.050	98.050	98.050
Min	99.101	99.351	99.450	99.227	99.253	99.379
Average	99.352	99.453	99.491	99.343	99.455	99.530
Max	99.530	99.555	99.531	99.459	99.656	99.682
UL	101.950	101.950	101.950	101.950	101.950	101.950

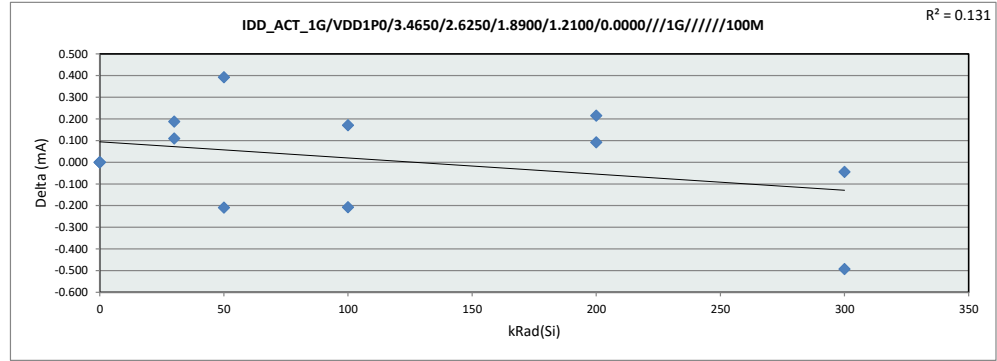


TID Report
DP83561-SP

IDD_ACT_1G/VDD1P0/3.4650/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	168.9999998	168.9999998
Min Limit	71.00000232	71.00000232

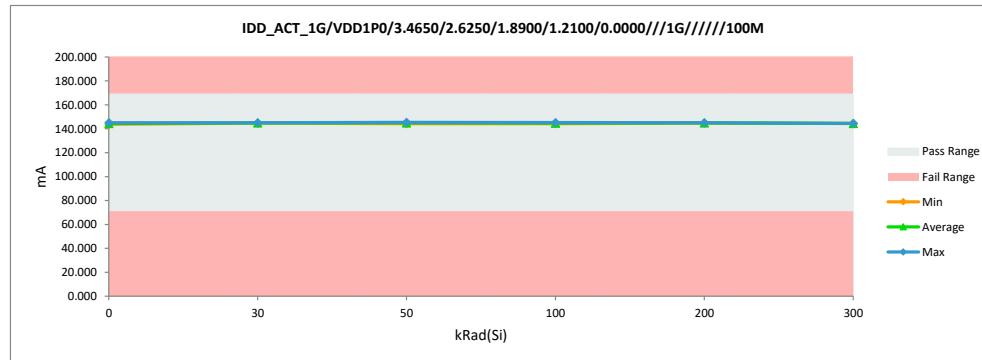
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	144.985	144.985	0.000
0	188A	143.723	143.723	0.000
0	191A	144.504	144.504	0.000
30	181B	144.985	145.095	0.110
30	191B	144.504	144.692	0.188
50	181C	144.985	145.377	0.392
50	191C	144.504	144.295	-0.209
100	181D	144.985	145.156	0.171
100	191D	144.504	144.297	-0.208
200	181E	144.985	145.076	0.092
200	191E	144.504	144.719	0.215
300	181F	144.985	144.492	-0.493
300	191F	144.504	144.460	-0.044
Max		144.985	145.377	0.392
Average		144.666	144.682	0.016
Min		143.723	143.723	-0.493
Std Dev		0.372	0.453	0.226



IDD_ACT_1G/VDD1P0/3.4650

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	168.9999998 mA
Min Limit	71.00000232 mA

kRad(Si)	0	30	50	100	200	300
LL	71.000	71.000	71.000	71.000	71.000	71.000
Min	143.723	144.692	144.295	144.297	144.719	144.460
Average	144.404	144.893	144.836	144.726	144.898	144.476
Max	144.985	145.095	145.377	145.156	145.076	144.492
UL	169.000	169.000	169.000	169.000	169.000	169.000

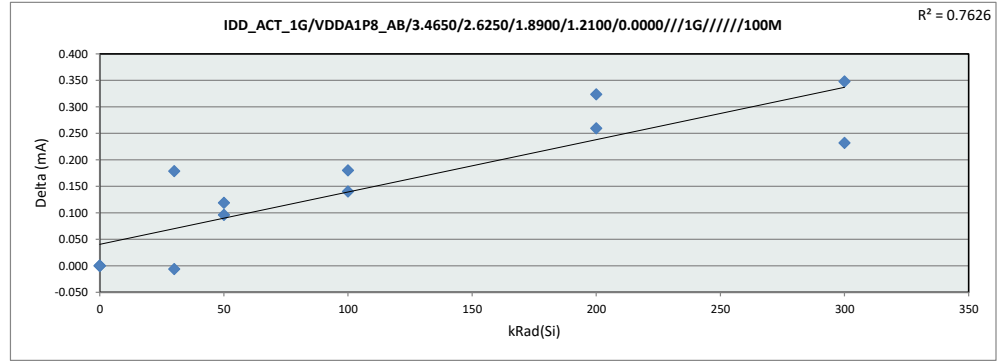


TID Report
DP83561-SP

IDD_ACT_1G/VDDA1P8_AB/3.46

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

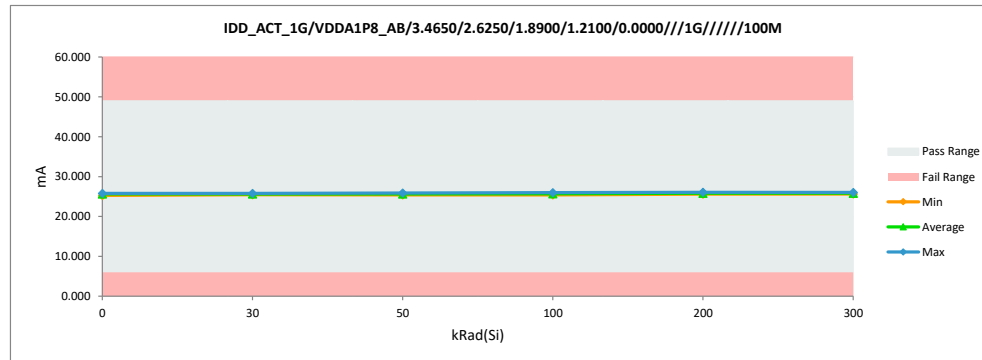
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	25.794	25.794	0.000
0	188A	25.793	25.793	0.000
0	191A	25.271	25.271	0.000
30	181B	25.794	25.788	-0.006
30	191B	25.271	25.450	0.179
50	181C	25.794	25.891	0.096
50	191C	25.271	25.390	0.119
100	181D	25.794	25.974	0.180
100	191D	25.271	25.411	0.140
200	181E	25.794	26.054	0.259
200	191E	25.271	25.595	0.323
300	181F	25.794	26.026	0.232
300	191F	25.271	25.619	0.348
Max		25.794	26.054	0.348
Average		25.553	25.697	0.144
Min		25.271	25.271	-0.006
Std Dev		0.271	0.260	0.124



IDD_ACT_1G/VDDA1P8_AB/3

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	25.271	25.450	25.390	25.411	25.595	25.619
Average	25.619	25.619	25.640	25.693	25.824	25.823
Max	25.794	25.788	25.891	25.974	26.054	26.026
UL	49.000	49.000	49.000	49.000	49.000	49.000

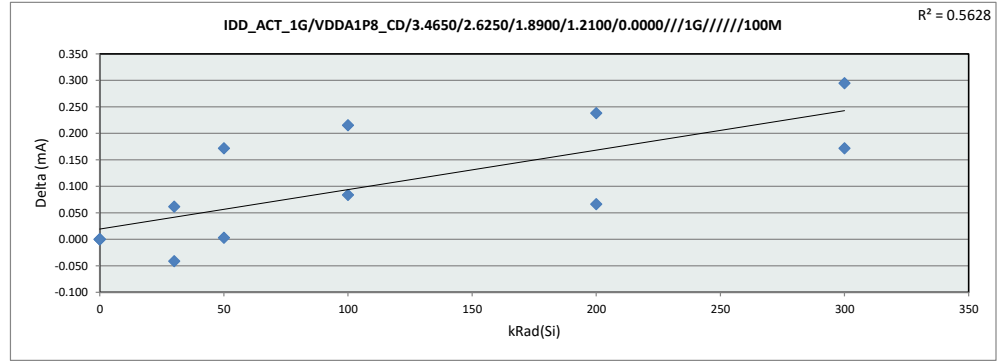


TID Report
DP83561-SP

IDD_ACT_1G/VDDA1P8_CD/3.46

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

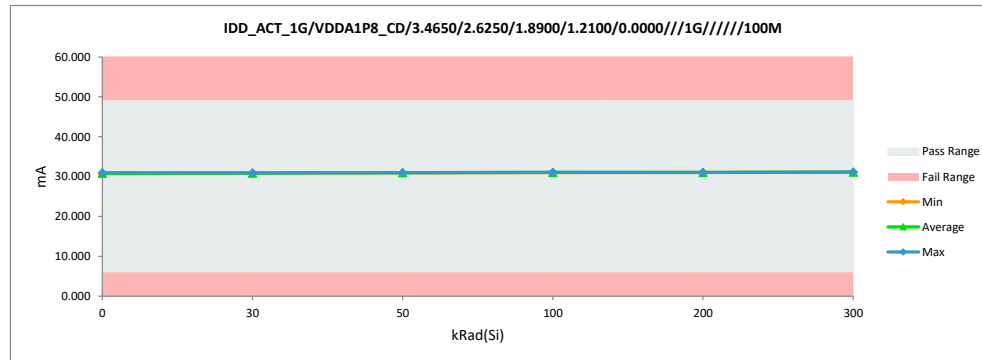
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	30.780	30.780	0.000
0	188A	30.709	30.709	0.000
0	191A	30.982	30.982	0.000
30	181B	30.780	30.842	0.062
30	191B	30.982	30.941	-0.041
50	181C	30.780	30.952	0.172
50	191C	30.982	30.985	0.003
100	181D	30.780	30.995	0.215
100	191D	30.982	31.066	0.084
200	181E	30.780	31.018	0.238
200	191E	30.982	31.049	0.066
300	181F	30.780	31.075	0.294
300	191F	30.982	31.154	0.172
Max		30.982	31.154	0.294
Average		30.868	30.965	0.097
Min		30.709	30.709	-0.041
Std Dev		0.112	0.124	0.109



IDD_ACT_1G/VDDA1P8_CD/3.46

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	30.709	30.842	30.952	30.995	31.018	31.075
Average	30.824	30.892	30.969	31.031	31.034	31.114
Max	30.982	30.941	30.985	31.066	31.049	31.154
UL	49.000	49.000	49.000	49.000	49.000	49.000

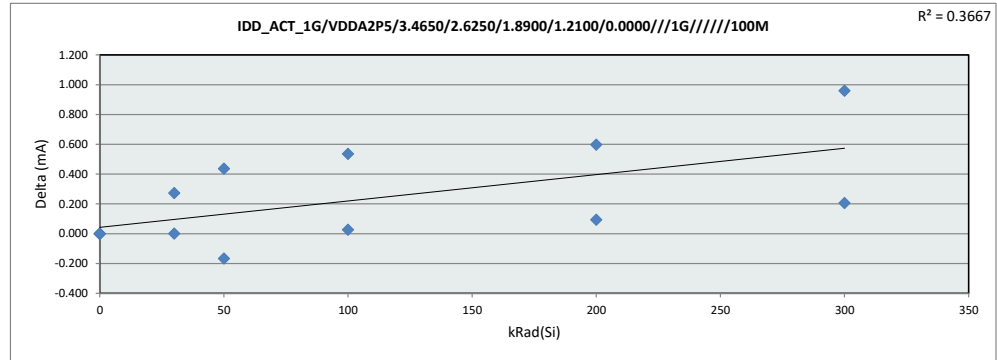


TID Report
DP83561-SP

IDD_ACT_1G/VDDA2P5/3.4650/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	119.0000027	119.0000027
Min Limit	41.00000113	41.00000113

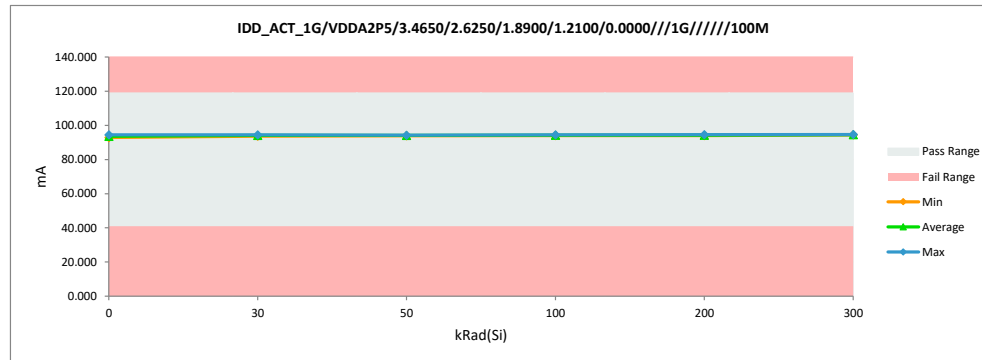
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	93.440	93.440	0.000
0	188A	92.895	92.895	0.000
0	191A	94.418	94.418	0.000
30	181B	93.440	93.713	0.272
30	191B	94.418	94.419	0.001
50	181C	93.440	93.877	0.436
50	191C	94.418	94.252	-0.166
100	181D	93.440	93.976	0.536
100	191D	94.418	94.445	0.027
200	181E	93.440	94.038	0.597
200	191E	94.418	94.511	0.093
300	181F	93.440	94.400	0.960
300	191F	94.418	94.624	0.205
Max		94.418	94.624	0.960
Average		93.850	94.077	0.228
Min		92.895	92.895	-0.166
Std Dev		0.567	0.498	0.321



IDD_ACT_1G/VDDA2P5/3.4650/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	119.0000027 mA
Min Limit	41.00000113 mA

kRad(Si)	0	30	50	100	200	300
LL	41.000	41.000	41.000	41.000	41.000	41.000
Min	92.895	93.713	93.877	93.976	94.038	94.400
Average	93.585	94.066	94.064	94.210	94.274	94.512
Max	94.418	94.419	94.252	94.445	94.511	94.624
UL	119.000	119.000	119.000	119.000	119.000	119.000

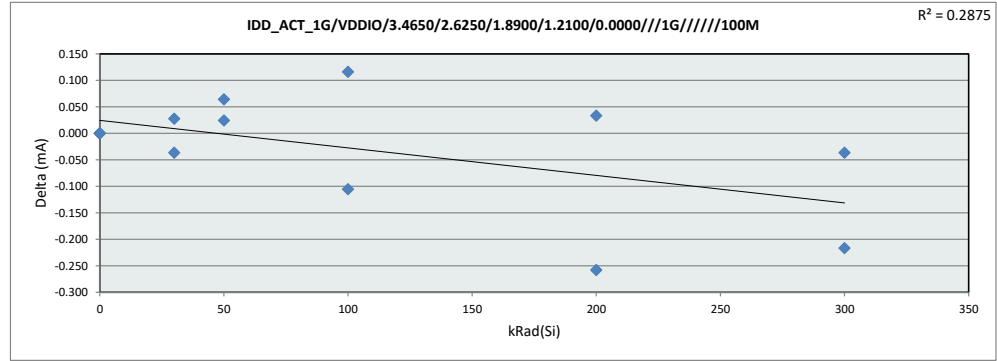


TID Report
DP83561-SP

IDD_ACT_1G/VDDIO/3.4650/2.6

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

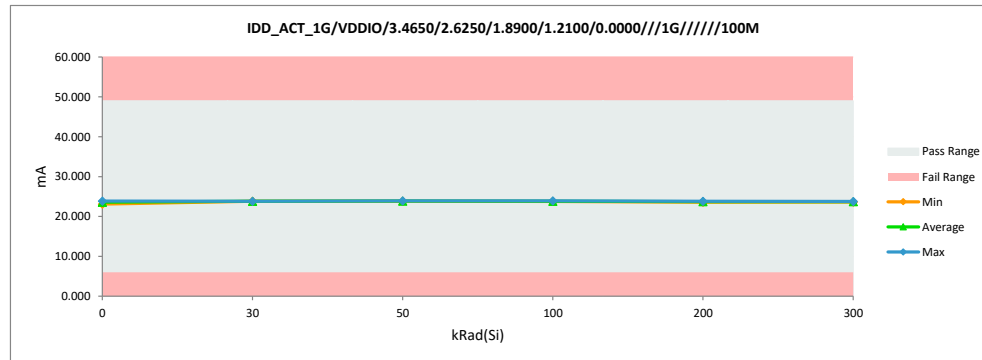
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	23.846	23.846	0.000
0	188A	23.097	23.097	0.000
0	191A	23.802	23.802	0.000
30	181B	23.846	23.809	-0.037
30	191B	23.802	23.829	0.027
50	181C	23.846	23.910	0.064
50	191C	23.802	23.826	0.024
100	181D	23.846	23.741	-0.105
100	191D	23.802	23.918	0.116
200	181E	23.846	23.588	-0.258
200	191E	23.802	23.835	0.034
300	181F	23.846	23.629	-0.217
300	191F	23.802	23.765	-0.037
Max		23.846	23.918	0.116
Average		23.768	23.738	-0.030
Min		23.097	23.097	-0.258
Std Dev		0.203	0.215	0.106



IDD_ACT_1G/VDDIO/3.4650/2.6

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	23.097	23.809	23.826	23.741	23.588	23.629
Average	23.581	23.819	23.868	23.829	23.712	23.697
Max	23.846	23.829	23.910	23.918	23.835	23.765
UL	49.000	49.000	49.000	49.000	49.000	49.000

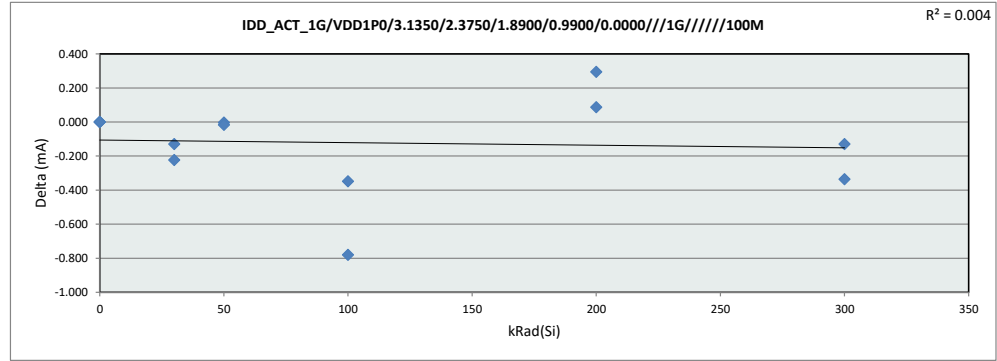


TID Report
DP83561-SP

IDD_ACT_1G/VDD1P0/3.1350/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	168.9999998	168.9999998
Min Limit	71.00000232	71.00000232

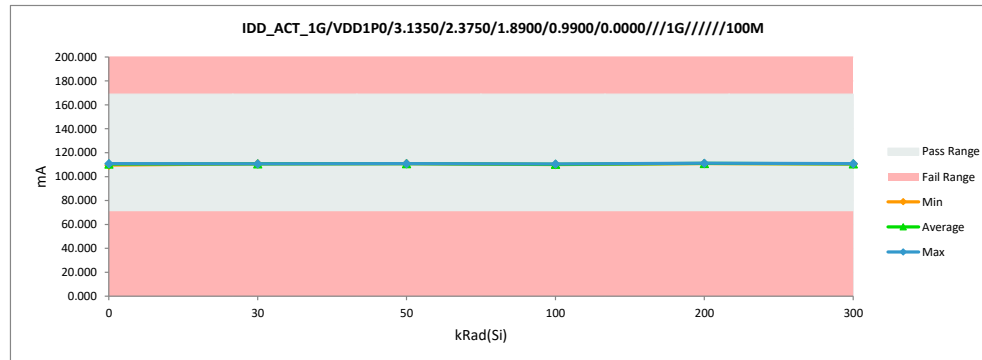
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	110.793	110.793	0.000
0	188A	109.628	109.628	0.000
0	191A	110.915	110.915	0.000
30	181B	110.793	110.663	-0.130
30	191B	110.915	110.692	-0.223
50	181C	110.793	110.790	-0.003
50	191C	110.915	110.898	-0.017
100	181D	110.793	110.013	-0.780
100	191D	110.915	110.567	-0.348
200	181E	110.793	110.880	0.087
200	191E	110.915	111.209	0.294
300	181F	110.793	110.457	-0.336
300	191F	110.915	110.785	-0.130
Max		110.915	111.209	0.294
Average		110.759	110.638	-0.122
Min		109.628	109.628	-0.780
Std Dev		0.345	0.413	0.262



IDD_ACT_1G/VDD1P0/3.1350

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	168.9999998 mA
Min Limit	71.00000232 mA

kRad(Si)	0	30	50	100	200	300
LL	71.000	71.000	71.000	71.000	71.000	71.000
Min	109.628	110.663	110.790	110.013	110.880	110.457
Average	110.445	110.677	110.844	110.290	111.044	110.621
Max	110.915	110.692	110.898	110.567	111.209	110.785
UL	169.000	169.000	169.000	169.000	169.000	169.000

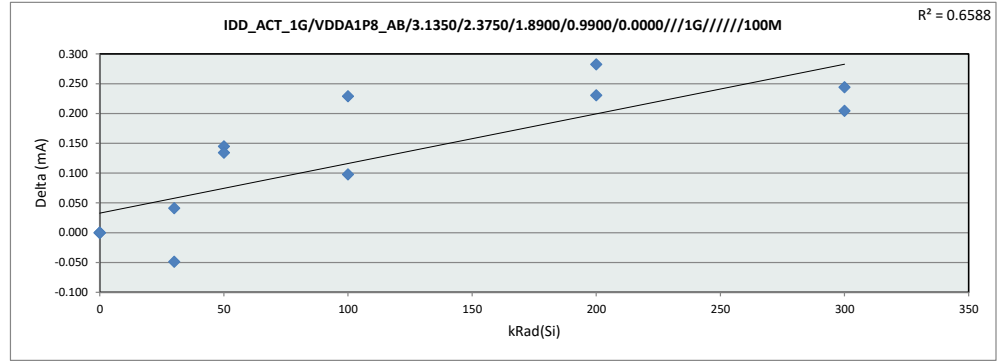


TID Report
DP83561-SP

IDD_ACT_1G/VDDA1P8_AB/3.1350/2.3750/1.8900/0.9900/0.0000///1G/////100M

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

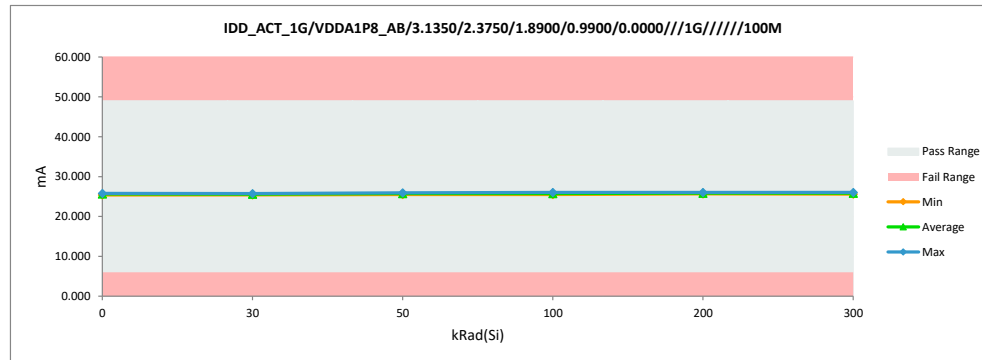
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	25.794	25.794	0.000
0	188A	25.770	25.770	0.000
0	191A	25.381	25.381	0.000
30	181B	25.794	25.746	-0.049
30	191B	25.381	25.422	0.041
50	181C	25.794	25.939	0.145
50	191C	25.381	25.515	0.134
100	181D	25.794	26.023	0.229
100	191D	25.381	25.479	0.098
200	181E	25.794	26.025	0.230
200	191E	25.381	25.663	0.282
300	181F	25.794	26.039	0.244
300	191F	25.381	25.585	0.204
Max		25.794	26.039	0.282
Average		25.602	25.722	0.120
Min		25.381	25.381	-0.049
Std Dev		0.213	0.236	0.113



IDD_ACT_1G/VDDA1P8_AB/3.1350/2.3750/1.8900/0.9900/0.0000///1G/////100M

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	25.381	25.422	25.515	25.479	25.663	25.585
Average	25.648	25.584	25.727	25.751	25.844	25.812
Max	25.794	25.746	25.939	26.023	26.025	26.039
UL	49.000	49.000	49.000	49.000	49.000	49.000

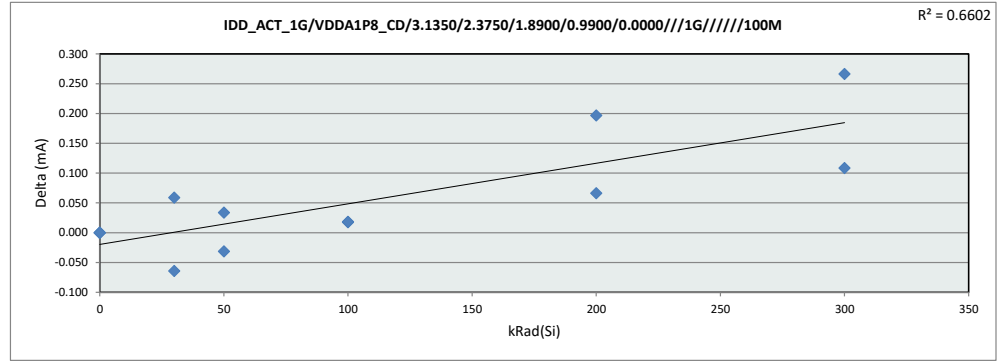


TID Report
DP83561-SP

IDD_ACT_1G/VDDA1P8_CD/3.1350/2.3750/1.8900/0.9900/0.0000///1G/////100M

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

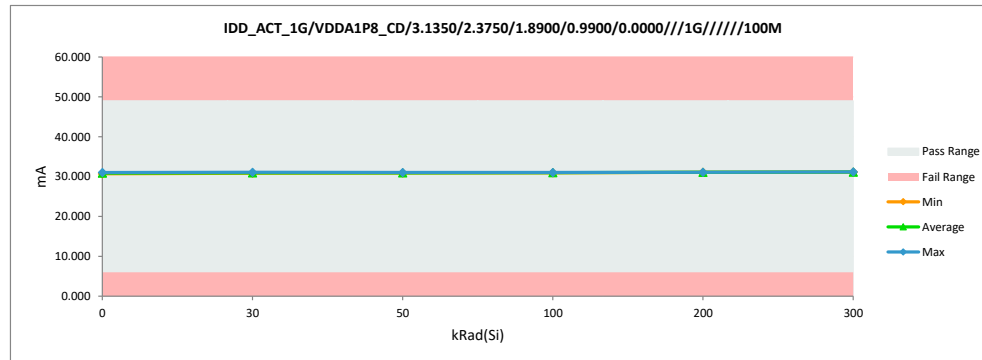
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	30.902	30.902	0.000
0	188A	30.699	30.699	0.000
0	191A	31.018	31.018	0.000
30	181B	30.902	30.838	-0.064
30	191B	31.018	31.077	0.059
50	181C	30.902	30.871	-0.031
50	191C	31.018	31.052	0.034
100	181D	30.902	30.920	0.018
100	191D	31.018	31.037	0.018
200	181E	30.902	31.099	0.197
200	191E	31.018	31.085	0.066
300	181F	30.902	31.169	0.266
300	191F	31.018	31.127	0.108
Max		31.018	31.169	0.266
Average		30.940	30.992	0.052
Min		30.699	30.699	-0.064
Std Dev		0.093	0.135	0.092



IDD_ACT_1G/VDDA1P8_CD/3.1350/2.3750/1.8900/0.9900/0.0000///1G/////100M

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	30.699	30.838	30.871	30.920	31.085	31.127
Average	30.873	30.958	30.961	30.978	31.092	31.148
Max	31.018	31.077	31.052	31.037	31.099	31.169
UL	49.000	49.000	49.000	49.000	49.000	49.000

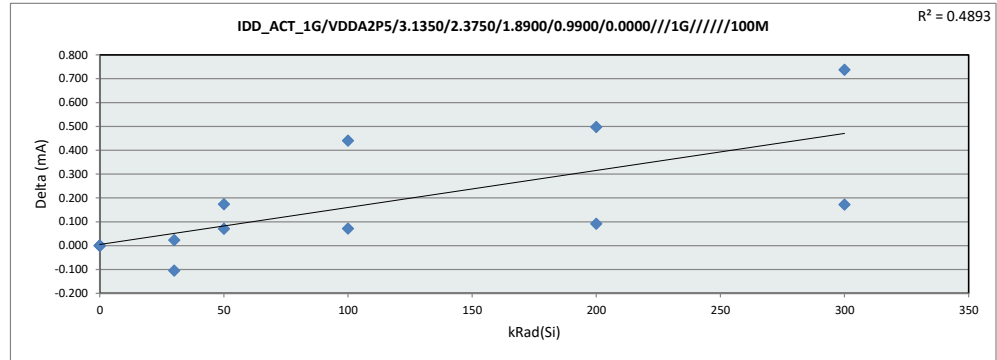


TID Report
DP83561-SP

IDD_ACT_1G/VDDA2P5/3.1350/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	119.0000027	119.0000027
Min Limit	41.00000113	41.00000113

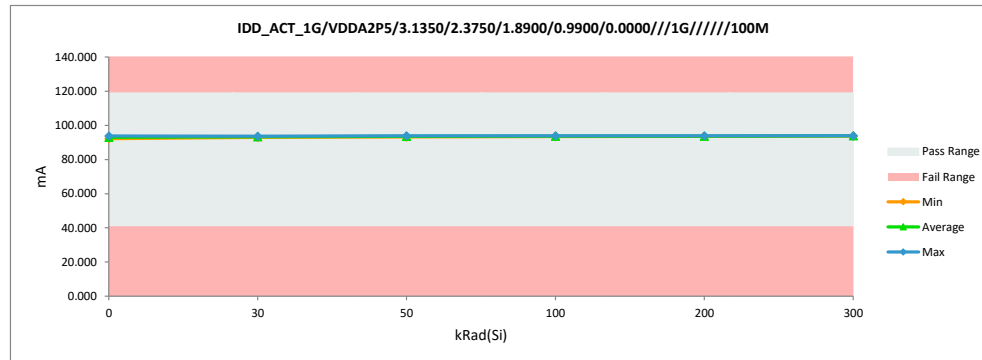
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	93.007	93.007	0.000
0	188A	92.192	92.192	0.000
0	191A	93.764	93.764	0.000
30	181B	93.007	93.030	0.023
30	191B	93.764	93.659	-0.105
50	181C	93.007	93.181	0.174
50	191C	93.764	93.835	0.071
100	181D	93.007	93.447	0.440
100	191D	93.764	93.836	0.072
200	181E	93.007	93.504	0.497
200	191E	93.764	93.856	0.092
300	181F	93.007	93.745	0.738
300	191F	93.764	93.937	0.172
Max		93.764	93.937	0.738
Average		93.294	93.461	0.167
Min		92.192	92.192	-0.105
Std Dev		0.503	0.497	0.244



IDD_ACT_1G/VDDA2P5/3.1350/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	119.0000027 mA
Min Limit	41.00000113 mA

	kRad(Si)	0	30	50	100	200	300
LL		41.000	41.000	41.000	41.000	41.000	41.000
Min		92.192	93.030	93.181	93.447	93.504	93.745
Average		92.988	93.344	93.508	93.642	93.680	93.841
Max		93.764	93.659	93.835	93.836	93.856	93.937
UL		119.000	119.000	119.000	119.000	119.000	119.000

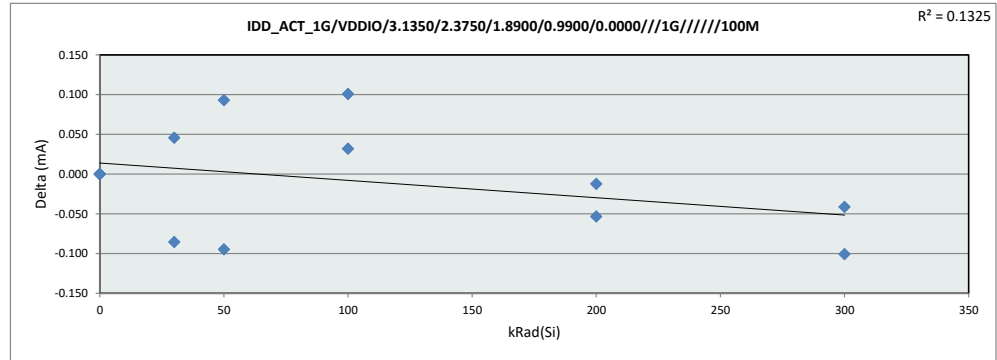


TID Report
DP83561-SP

IDD_ACT_1G/VDDIO/3.1350/2.3750/1.8900/0.9900/0.0000//1G/////100M

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

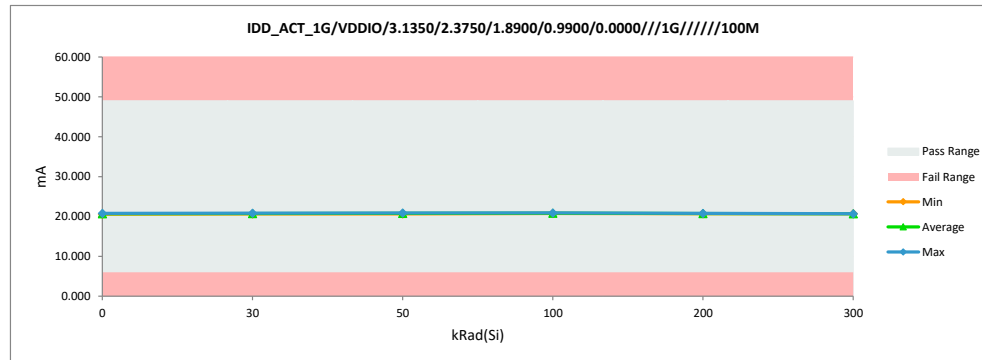
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	20.715	20.715	0.000
0	188A	20.567	20.567	0.000
0	191A	20.794	20.794	0.000
30	181B	20.715	20.629	-0.085
30	191B	20.794	20.840	0.046
50	181C	20.715	20.620	-0.095
50	191C	20.794	20.887	0.093
100	181D	20.715	20.747	0.032
100	191D	20.794	20.895	0.101
200	181E	20.715	20.661	-0.053
200	191E	20.794	20.782	-0.012
300	181F	20.715	20.674	-0.041
300	191F	20.794	20.693	-0.101
Max		20.794	20.895	0.101
Average		20.740	20.731	-0.009
Min		20.567	20.567	-0.101
Std Dev		0.065	0.104	0.066



IDD_ACT_1G/VDDIO/3.1350/2.3750/1.8900/0.9900/0.0000//1G/////100M

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	20.567	20.629	20.620	20.747	20.661	20.674
Average	20.692	20.735	20.754	20.821	20.722	20.683
Max	20.794	20.840	20.887	20.895	20.782	20.693
UL	49.000	49.000	49.000	49.000	49.000	49.000

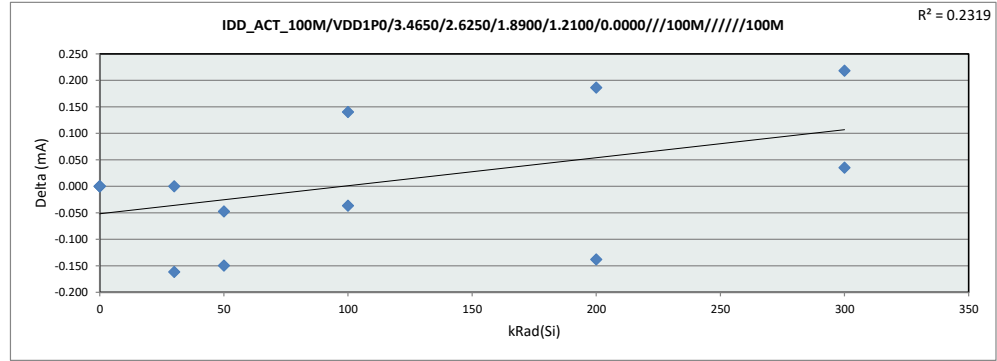


TID Report
DP83561-SP

IDD_ACT_100M/VDD1P0/3.4650

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	79.00000364	79.00000364
Min Limit	20.99999972	20.99999972

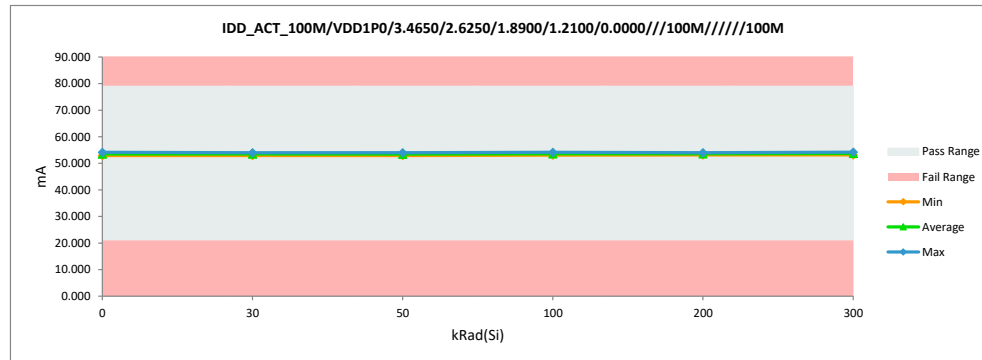
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	54.148	54.148	0.000
0	188A	53.444	53.444	0.000
0	191A	52.946	52.946	0.000
30	181B	54.148	53.986	-0.162
30	191B	52.946	52.946	0.000
50	181C	54.148	53.998	-0.150
50	191C	52.946	52.899	-0.047
100	181D	54.148	54.111	-0.037
100	191D	52.946	53.086	0.140
200	181E	54.148	54.010	-0.138
200	191E	52.946	53.132	0.186
300	181F	54.148	54.183	0.035
300	191F	52.946	53.164	0.218
Max		54.148	54.183	0.218
Average		53.539	53.543	0.004
Min		52.946	52.899	-0.162
Std Dev		0.602	0.530	0.120



IDD_ACT_100M/VDD1P0/3.46

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79.00000364 mA
Min Limit	20.99999972 mA

kRad(Si)	0	30	50	100	200	300
LL	21.000	21.000	21.000	21.000	21.000	21.000
Min	52.946	52.946	52.899	53.086	53.132	53.164
Average	53.512	53.466	53.449	53.599	53.571	53.674
Max	54.148	53.986	53.998	54.111	54.010	54.183
UL	79.000	79.000	79.000	79.000	79.000	79.000

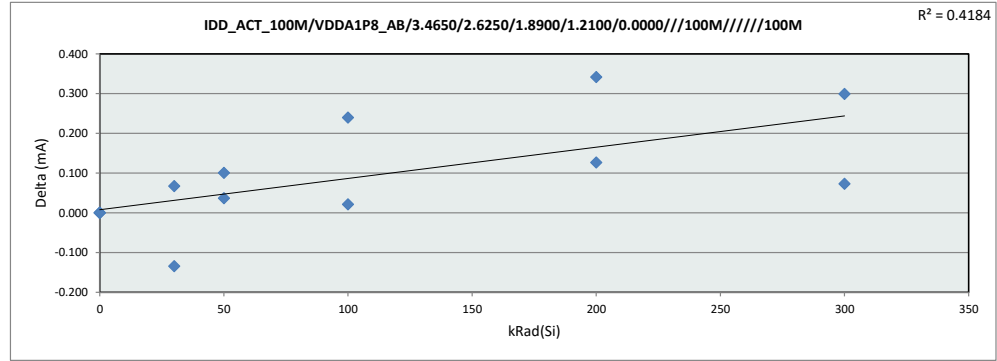


TID Report
DP83561-SP

IDD_ACT_100M/VDDA1P8_AB/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	28.99999917	28.99999917
Min Limit	6.000000052	6.000000052

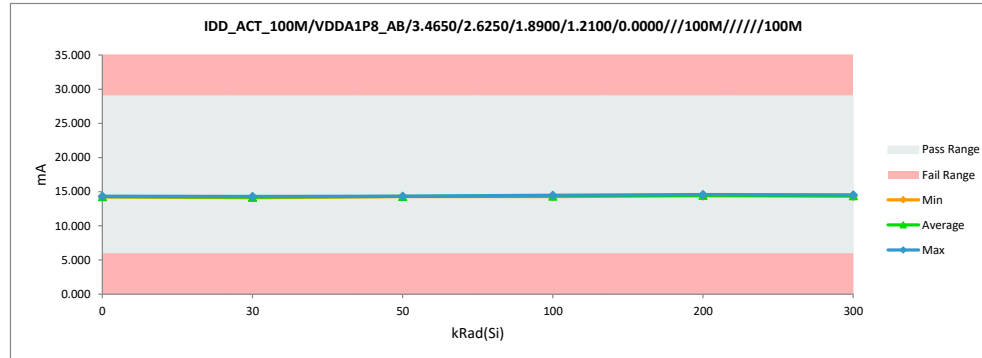
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	14.240	14.240	0.000
0	188A	14.343	14.343	0.000
0	191A	14.253	14.253	0.000
30	181B	14.240	14.308	0.067
30	191B	14.253	14.118	-0.134
50	181C	14.240	14.341	0.101
50	191C	14.253	14.289	0.037
100	181D	14.240	14.480	0.240
100	191D	14.253	14.274	0.021
200	181E	14.240	14.582	0.342
200	191E	14.253	14.379	0.127
300	181F	14.240	14.539	0.299
300	191F	14.253	14.326	0.073
Max		14.343	14.582	0.342
Average		14.254	14.344	0.090
Min		14.240	14.118	-0.134
Std Dev		0.027	0.127	0.134



IDD_ACT_100M/VDDA1P8_AB

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	28.99999917 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	14.240	14.118	14.289	14.274	14.379	14.326
Average	14.279	14.213	14.315	14.377	14.481	14.433
Max	14.343	14.308	14.341	14.480	14.582	14.539
UL	29.000	29.000	29.000	29.000	29.000	29.000

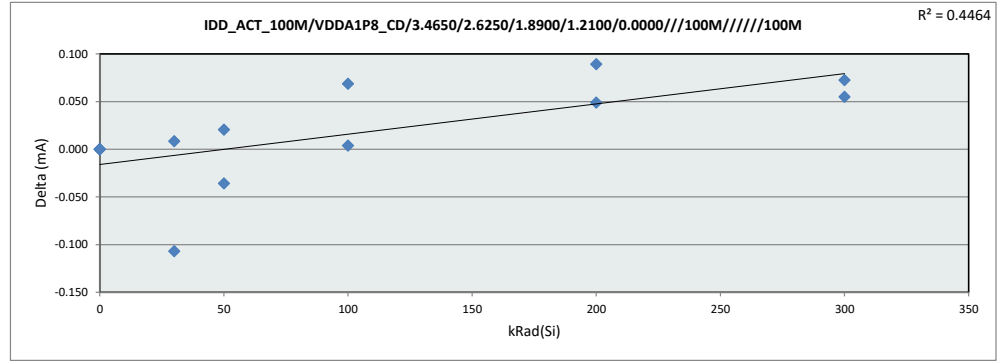


TID Report
DP83561-SP

IDD_ACT_100M/VDDA1P8_CD/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	18.99999939	18.99999939
Min Limit	2.00000095	2.00000095

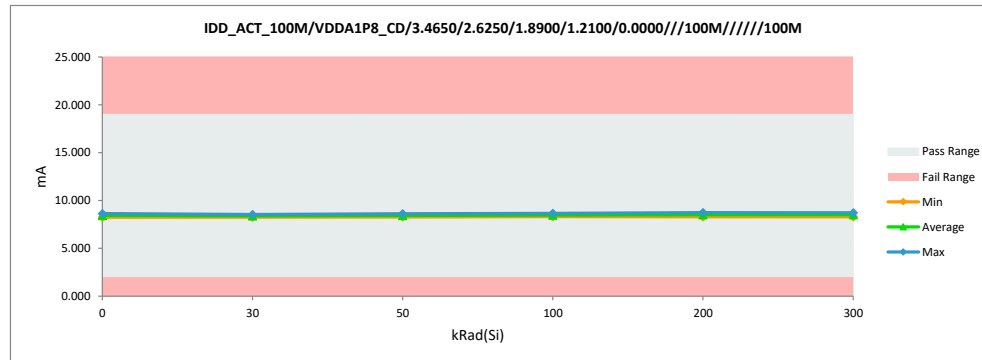
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	8.646	8.646	0.000
0	188A	8.415	8.415	0.000
0	191A	8.248	8.248	0.000
30	181B	8.646	8.539	-0.107
30	191B	8.248	8.257	0.008
50	181C	8.646	8.610	-0.036
50	191C	8.248	8.269	0.021
100	181D	8.646	8.650	0.004
100	191D	8.248	8.317	0.069
200	181E	8.646	8.735	0.089
200	191E	8.248	8.297	0.049
300	181F	8.646	8.718	0.072
300	191F	8.248	8.303	0.055
Max		8.646	8.735	0.089
Average		8.445	8.462	0.017
Min		8.248	8.248	-0.107
Std Dev		0.199	0.191	0.052



IDD_ACT_100M/VDDA1P8_CD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	18.99999939 mA
Min Limit	2.00000095 mA

kRad(Si)	0	30	50	100	200	300
LL	2.000	2.000	2.000	2.000	2.000	2.000
Min	8.248	8.257	8.269	8.317	8.297	8.303
Average	8.436	8.398	8.439	8.483	8.516	8.511
Max	8.646	8.539	8.610	8.650	8.735	8.718
UL	19.000	19.000	19.000	19.000	19.000	19.000

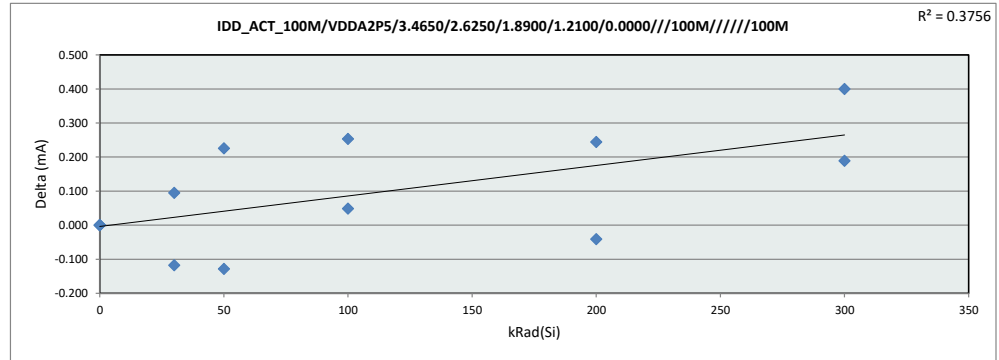


TID Report
DP83561-SP

IDD_ACT_100M/VDDA2P5/3.465

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	79.00000364	79.00000364
Min Limit	30.99999949	30.99999949

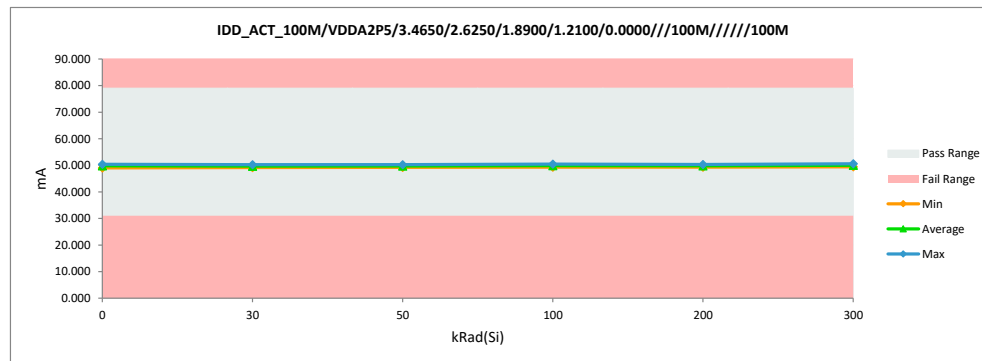
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	49.029	49.029	0.000
0	188A	50.077	50.077	0.000
0	191A	50.383	50.383	0.000
30	181B	49.029	49.124	0.095
30	191B	50.383	50.265	-0.117
50	181C	49.029	49.255	0.226
50	191C	50.383	50.254	-0.128
100	181D	49.029	49.282	0.253
100	191D	50.383	50.431	0.049
200	181E	49.029	49.273	0.244
200	191E	50.383	50.341	-0.041
300	181F	49.029	49.429	0.400
300	191F	50.383	50.572	0.189
Max		50.383	50.572	0.400
Average		49.734	49.824	0.090
Min		49.029	49.029	-0.128
Std Dev		0.685	0.588	0.160



IDD_ACT_100M/VDDA2P5/3.4

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79.00000364 mA
Min Limit	30.99999949 mA

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	49.029	49.124	49.255	49.282	49.273	49.429
Average	49.830	49.694	49.755	49.857	49.807	50.000
Max	50.383	50.265	50.254	50.431	50.341	50.572
UL	79.000	79.000	79.000	79.000	79.000	79.000

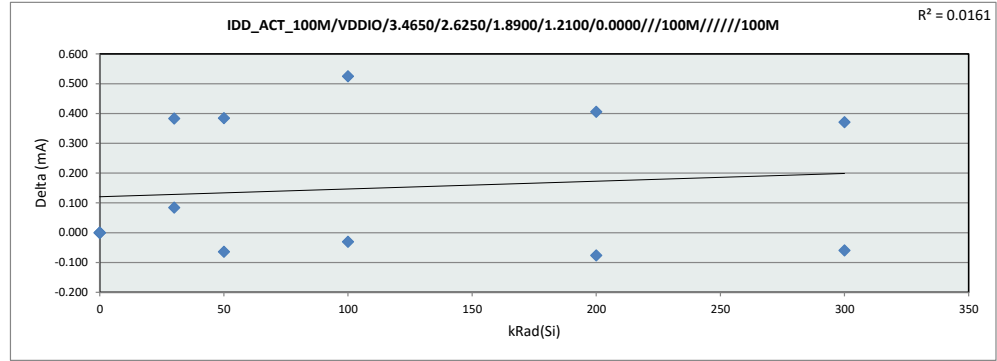


TID Report
DP83561-SP

IDD_ACT_100M/VDDIO/3.4650/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

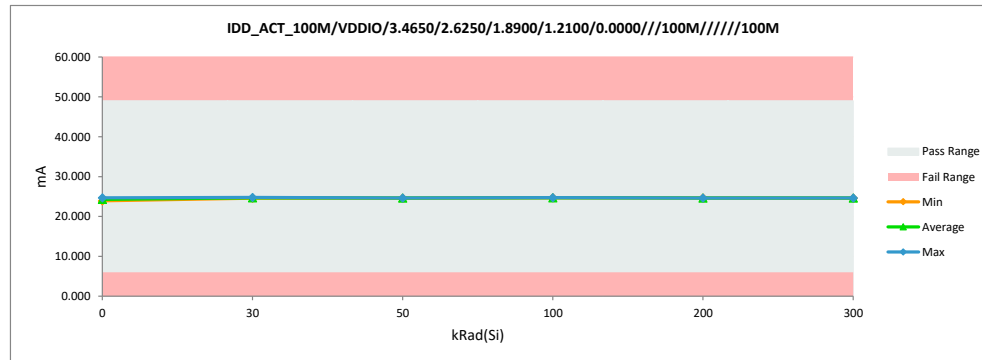
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	24.691	24.691	0.000
0	188A	23.922	23.922	0.000
0	191A	24.212	24.212	0.000
30	181B	24.691	24.775	0.084
30	191B	24.212	24.595	0.383
50	181C	24.691	24.627	-0.064
50	191C	24.212	24.597	0.385
100	181D	24.691	24.661	-0.031
100	191D	24.212	24.737	0.525
200	181E	24.691	24.615	-0.076
200	191E	24.212	24.618	0.406
300	181F	24.691	24.632	-0.060
300	191F	24.212	24.583	0.371
Max		24.691	24.775	0.525
Average		24.411	24.559	0.148
Min		23.922	23.922	-0.076
Std Dev		0.281	0.233	0.225



IDD_ACT_100M/VDDIO/3.4650/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	23.922	24.595	24.597	24.661	24.615	24.583
Average	24.275	24.685	24.612	24.699	24.616	24.607
Max	24.691	24.775	24.627	24.737	24.618	24.632
UL	49.000	49.000	49.000	49.000	49.000	49.000

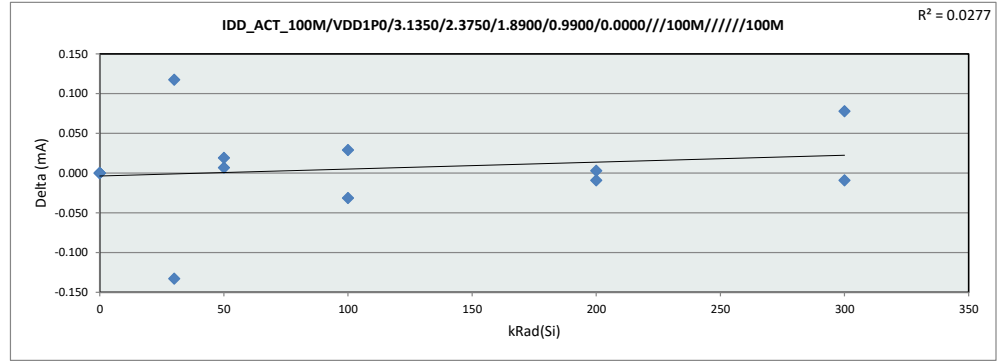


TID Report
DP83561-SP

IDD_ACT_100M/VDD1P0/3.1350

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	79.00000364	79.00000364
Min Limit	20.99999972	20.99999972

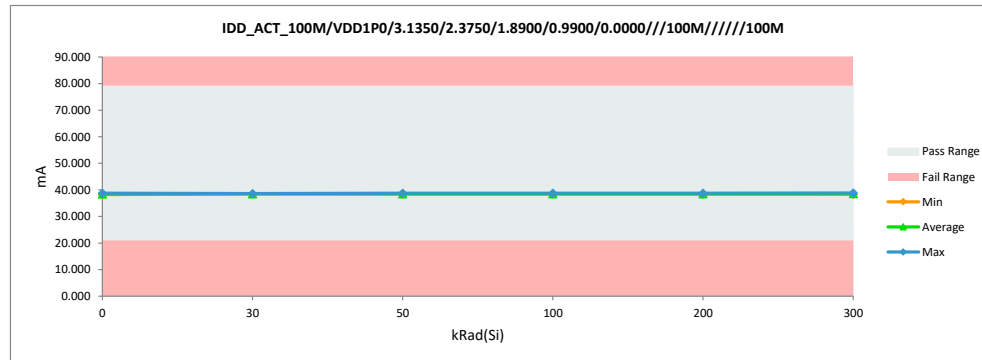
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	38.758	38.758	0.000
0	188A	38.221	38.221	0.000
0	191A	38.357	38.357	0.000
30	181B	38.758	38.626	-0.133
30	191B	38.357	38.475	0.117
50	181C	38.758	38.765	0.007
50	191C	38.357	38.376	0.019
100	181D	38.758	38.727	-0.031
100	191D	38.357	38.386	0.029
200	181E	38.758	38.749	-0.009
200	191E	38.357	38.360	0.003
300	181F	38.758	38.836	0.078
300	191F	38.357	38.348	-0.009
	Max	38.758	38.836	0.117
	Average	38.532	38.537	0.005
	Min	38.221	38.221	-0.133
	Std Dev	0.221	0.211	0.057



IDD_ACT_100M/VDD1P0/3.1350

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79.00000364 mA
Min Limit	20.99999972 mA

kRad(Si)	0	30	50	100	200	300
LL	21.000	21.000	21.000	21.000	21.000	21.000
Min	38.221	38.475	38.376	38.386	38.360	38.348
Average	38.445	38.550	38.571	38.557	38.555	38.592
Max	38.758	38.626	38.765	38.727	38.749	38.836
UL	79.000	79.000	79.000	79.000	79.000	79.000

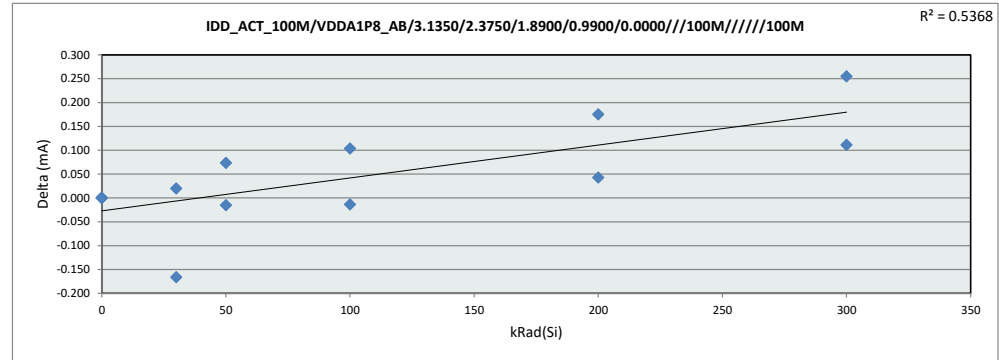


TID Report
DP83561-SP

IDD_ACT_100M/VDDA1P8_AB/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	28.99999917	28.99999917
Min Limit	6.000000052	6.000000052

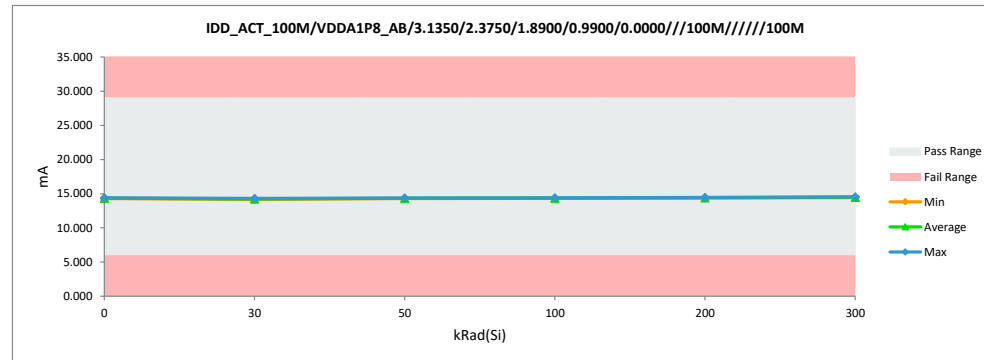
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	14.289	14.289	0.000
0	188A	14.385	14.385	0.000
0	191A	14.312	14.312	0.000
30	181B	14.289	14.309	0.020
30	191B	14.312	14.146	-0.166
50	181C	14.289	14.362	0.073
50	191C	14.312	14.297	-0.015
100	181D	14.289	14.393	0.104
100	191D	14.312	14.298	-0.014
200	181E	14.289	14.465	0.175
200	191E	14.312	14.355	0.043
300	181F	14.289	14.544	0.255
300	191F	14.312	14.423	0.111
Max		14.385	14.544	0.255
Average		14.307	14.352	0.045
Min		14.289	14.146	-0.166
Std Dev		0.026	0.097	0.103



IDD_ACT_100M/VDDA1P8_AB

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	28.99999917 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	14.289	14.146	14.297	14.298	14.355	14.423
Average	14.329	14.227	14.330	14.346	14.410	14.484
Max	14.385	14.309	14.362	14.393	14.465	14.544
UL	29.000	29.000	29.000	29.000	29.000	29.000

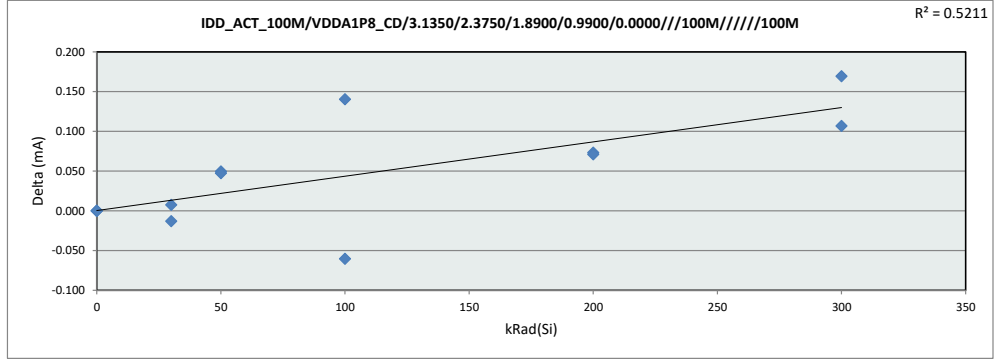


TID Report
DP83561-SP

IDD_ACT_100M/VDDA1P8_CD/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	18.99999939	18.99999939
Min Limit	2.000000095	2.000000095

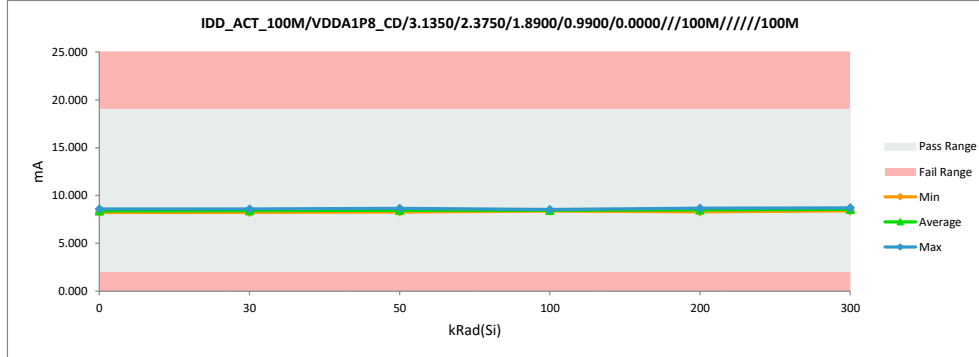
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	8.601	8.601	0.000
0	188A	8.335	8.335	0.000
0	191A	8.228	8.228	0.000
30	181B	8.601	8.588	-0.013
30	191B	8.228	8.236	0.008
50	181C	8.601	8.651	0.050
50	191C	8.228	8.276	0.047
100	181D	8.601	8.541	-0.060
100	191D	8.228	8.369	0.140
200	181E	8.601	8.675	0.073
200	191E	8.228	8.299	0.071
300	181F	8.601	8.708	0.107
300	191F	8.228	8.398	0.169
Max		8.601	8.708	0.169
Average		8.409	8.454	0.046
Min		8.228	8.228	-0.060
Std Dev		0.188	0.178	0.066



IDD_ACT_100M/VDDA1P8_CD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	18.99999939 mA
Min Limit	2.000000095 mA

kRad(Si)	0	30	50	100	200	300
LL	2.000	2.000	2.000	2.000	2.000	2.000
Min	8.228	8.236	8.276	8.369	8.299	8.398
Average	8.388	8.412	8.463	8.455	8.487	8.553
Max	8.601	8.588	8.651	8.541	8.675	8.708
UL	19.000	19.000	19.000	19.000	19.000	19.000

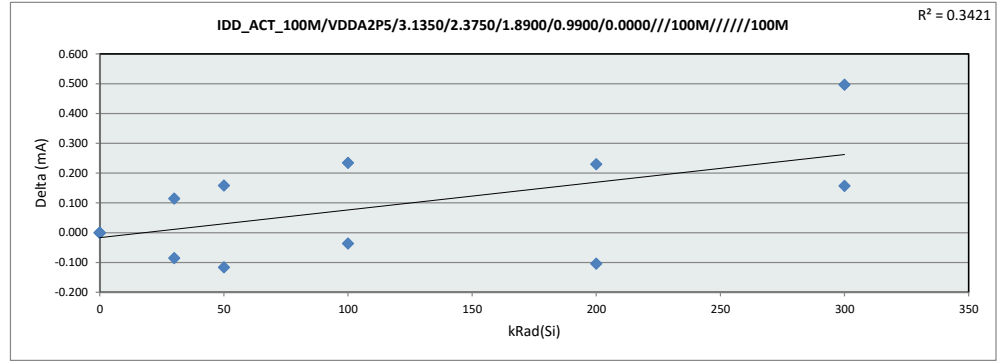


TID Report
DP83561-SP

IDD_ACT_100M/VDDA2P5/3.135

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	79.00000364	79.00000364
Min Limit	30.99999949	30.99999949

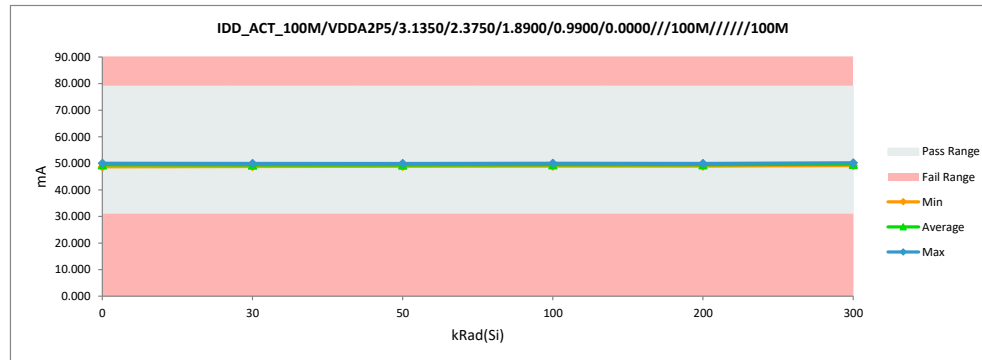
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	48.679	48.679	0.000
0	188A	49.653	49.653	0.000
0	191A	50.045	50.045	0.000
30	181B	48.679	48.793	0.114
30	191B	50.045	49.960	-0.085
50	181C	48.679	48.837	0.158
50	191C	50.045	49.929	-0.116
100	181D	48.679	48.913	0.234
100	191D	50.045	50.009	-0.037
200	181E	48.679	48.909	0.230
200	191E	50.045	49.942	-0.104
300	181F	48.679	49.176	0.497
300	191F	50.045	50.203	0.157
	Max	50.045	50.203	0.497
	Average	49.385	49.465	0.081
	Min	48.679	48.679	-0.116
	Std Dev	0.688	0.582	0.174



IDD_ACT_100M/VDDA2P5/3.1

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79.00000364 mA
Min Limit	30.99999949 mA

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	48.679	48.793	48.837	48.913	48.909	49.176
Average	49.459	49.377	49.383	49.461	49.425	49.689
Max	50.045	49.960	49.929	50.009	49.942	50.203
UL	79.000	79.000	79.000	79.000	79.000	79.000

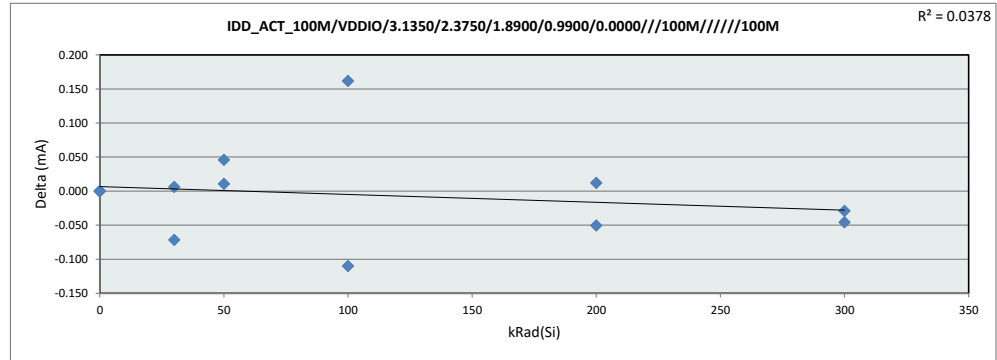


TID Report
DP83561-SP

IDD_ACT_100M/VDDIO/3.1350/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

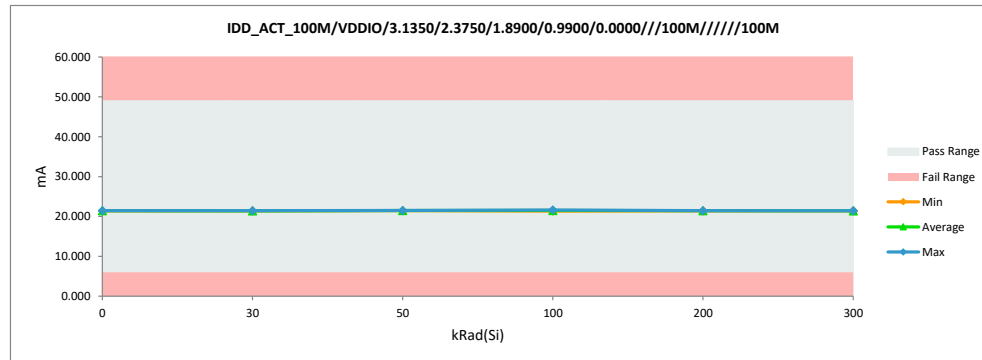
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	21.453	21.453	0.000
0	188A	21.398	21.398	0.000
0	191A	21.459	21.459	0.000
30	181B	21.453	21.382	-0.072
30	191B	21.459	21.465	0.006
50	181C	21.453	21.499	0.046
50	191C	21.459	21.470	0.011
100	181D	21.453	21.343	-0.110
100	191D	21.459	21.621	0.162
200	181E	21.453	21.403	-0.050
200	191E	21.459	21.472	0.012
300	181F	21.453	21.407	-0.046
300	191F	21.459	21.430	-0.029
Max		21.459	21.621	0.162
Average		21.452	21.446	-0.005
Min		21.398	21.343	-0.110
Std Dev		0.016	0.068	0.065



IDD_ACT_100M/VDDIO/3.1350/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	21.398	21.382	21.470	21.343	21.403	21.407
Average	21.437	21.424	21.485	21.482	21.437	21.419
Max	21.459	21.465	21.499	21.621	21.472	21.430
UL	49.000	49.000	49.000	49.000	49.000	49.000

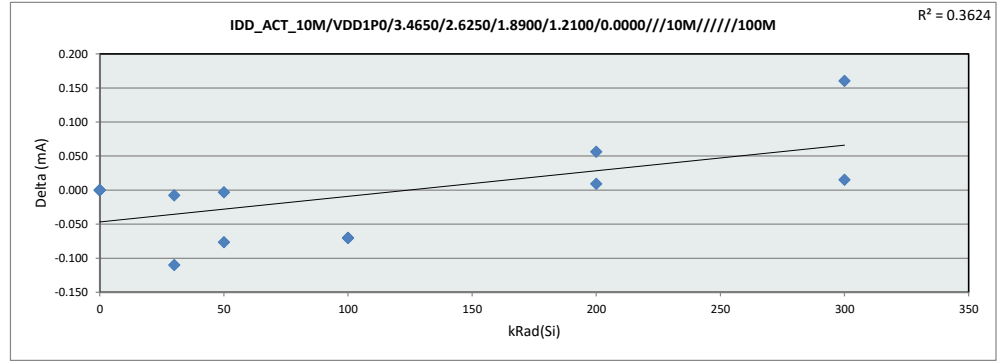


TID Report
DP83561-SP

IDD_ACT_10M/VDD1P0/3.4650/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	74.00000095	74.00000095
Min Limit	16.00000076	16.00000076

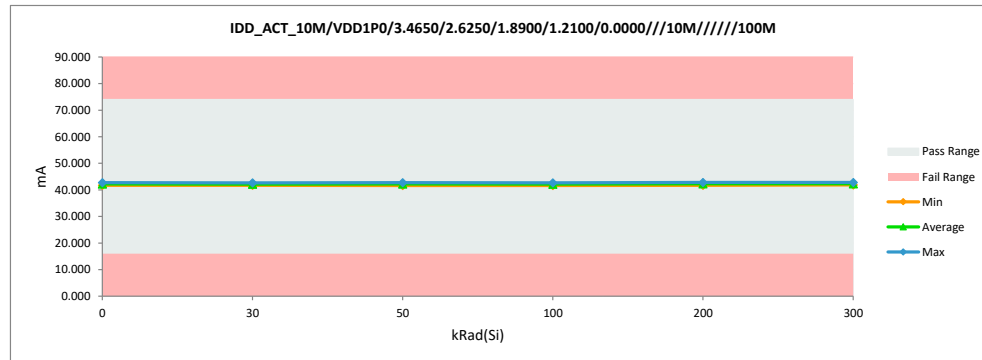
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	42.750	42.750	0.000
0	188A	42.257	42.257	0.000
0	191A	41.713	41.713	0.000
30	181B	42.750	42.640	-0.110
30	191B	41.713	41.705	-0.008
50	181C	42.750	42.747	-0.003
50	191C	41.713	41.636	-0.076
100	181D	42.750	42.680	-0.070
100	191D	41.713	41.642	-0.070
200	181E	42.750	42.807	0.056
200	191E	41.713	41.722	0.009
300	181F	42.750	42.765	0.015
300	191F	41.713	41.873	0.160
Max		42.750	42.807	0.160
Average		42.233	42.226	-0.007
Min		41.713	41.636	-0.110
Std Dev		0.519	0.513	0.068



IDD_ACT_10M/VDD1P0/3.4650/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	74.00000095 mA
Min Limit	16.00000076 mA

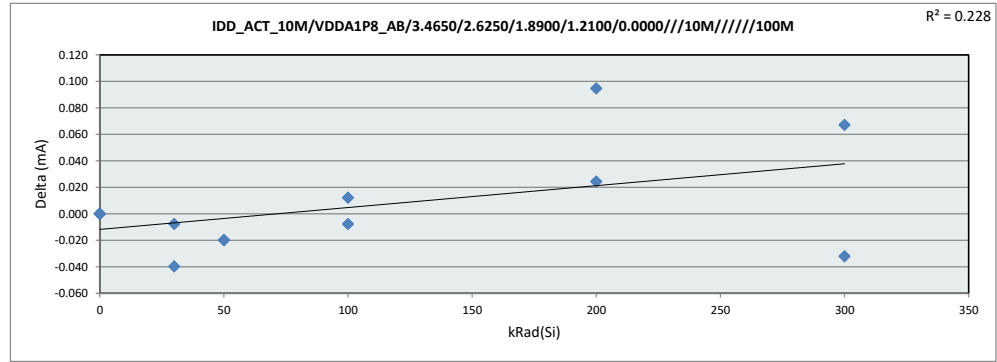
kRad(Si)	0	30	50	100	200	300
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	41.713	41.705	41.636	41.642	41.722	41.873
Average	42.240	42.173	42.192	42.161	42.264	42.319
Max	42.750	42.640	42.747	42.680	42.807	42.765
UL	74.000	74.000	74.000	74.000	74.000	74.000



TID Report
DP83561-SP

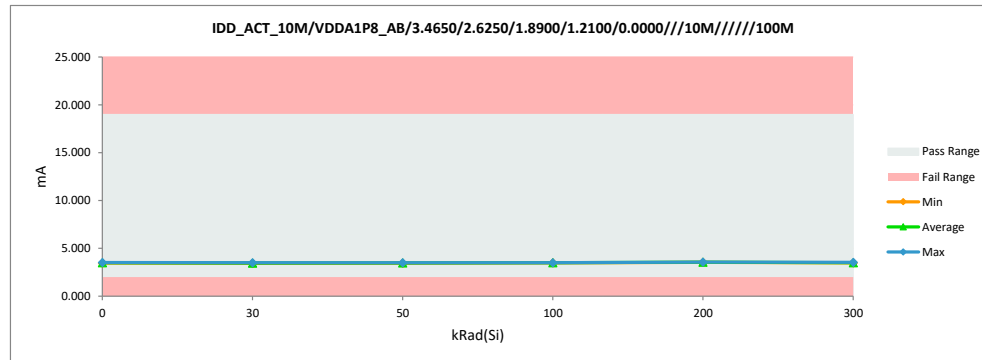
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Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Unit	mA
Max Limit	18.99999939
Min Limit	2.00000095

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.513	3.513	0.000
0	188A	3.497	3.497	0.000
0	191A	3.468	3.468	0.000
30	181B	3.513	3.506	-0.008
30	191B	3.468	3.428	-0.040
50	181C	3.513	3.494	-0.020
50	191C	3.468	3.448	-0.020
100	181D	3.513	3.506	-0.008
100	191D	3.468	3.480	0.012
200	181E	3.513	3.538	0.024
200	191E	3.468	3.562	0.095
300	181F	3.513	3.481	-0.032
300	191F	3.468	3.535	0.067
Max		3.513	3.562	0.095
Average		3.491	3.496	0.006
Min		3.468	3.428	-0.040
Std Dev		0.023	0.037	0.038



IDD_ACT_10M/VDDA1P8_AB/3.4650/2.6250/1.8900/1.2100/0.0000///10M/////100M	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	18.99999939 mA
Min Limit	2.00000095 mA

kRad(Si)	0	30	50	100	200	300
LL	2.000	2.000	2.000	2.000	2.000	2.000
Min	3.468	3.428	3.448	3.480	3.538	3.481
Average	3.493	3.467	3.471	3.493	3.550	3.508
Max	3.513	3.506	3.494	3.506	3.562	3.535
UL	19.000	19.000	19.000	19.000	19.000	19.000

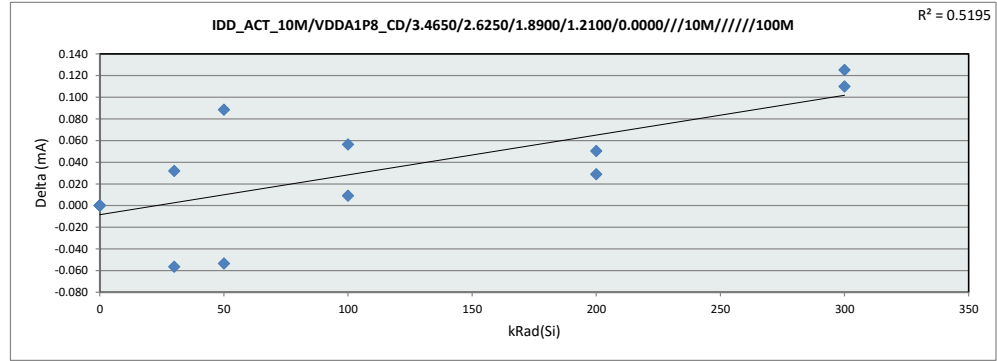


TID Report
DP83561-SP

IDD_ACT_10M/VDDA1P8_CD/3.4650/2.6250/1.8900/1.2100/0.0000//10M/////100M

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	18.99999939	18.99999939
Min Limit	2.00000095	2.00000095

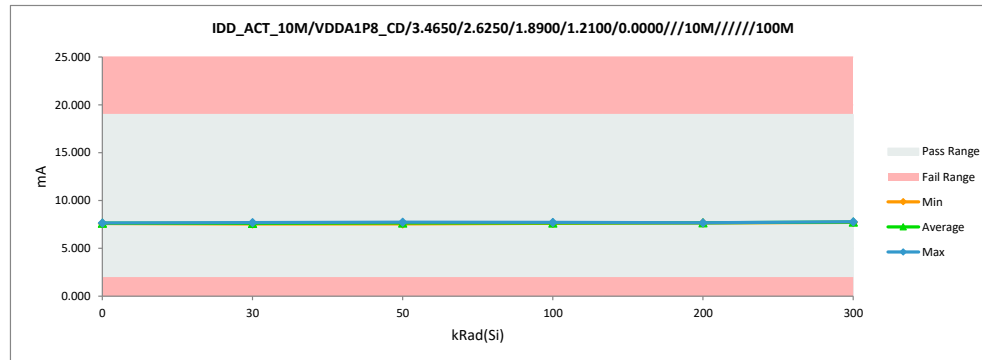
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	7.653	7.653	0.000
0	188A	7.638	7.638	0.000
0	191A	7.603	7.603	0.000
30	181B	7.653	7.685	0.032
30	191B	7.603	7.546	-0.056
50	181C	7.653	7.742	0.089
50	191C	7.603	7.549	-0.053
100	181D	7.653	7.710	0.056
100	191D	7.603	7.612	0.009
200	181E	7.653	7.682	0.029
200	191E	7.603	7.653	0.050
300	181F	7.653	7.778	0.125
300	191F	7.603	7.713	0.110
Max		7.653	7.778	0.125
Average		7.629	7.659	0.030
Min		7.603	7.546	-0.056
Std Dev		0.025	0.070	0.056



IDD_ACT_10M/VDDA1P8_CD/3.4650/2.6250/1.8900/1.2100/0.0000//10M/////100M

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	18.99999939 mA
Min Limit	2.00000095 mA

kRad(Si)	0	30	50	100	200	300
LL	2.000	2.000	2.000	2.000	2.000	2.000
Min	7.603	7.546	7.549	7.612	7.653	7.713
Average	7.631	7.616	7.645	7.661	7.668	7.745
Max	7.653	7.685	7.742	7.710	7.682	7.778
UL	19.000	19.000	19.000	19.000	19.000	19.000

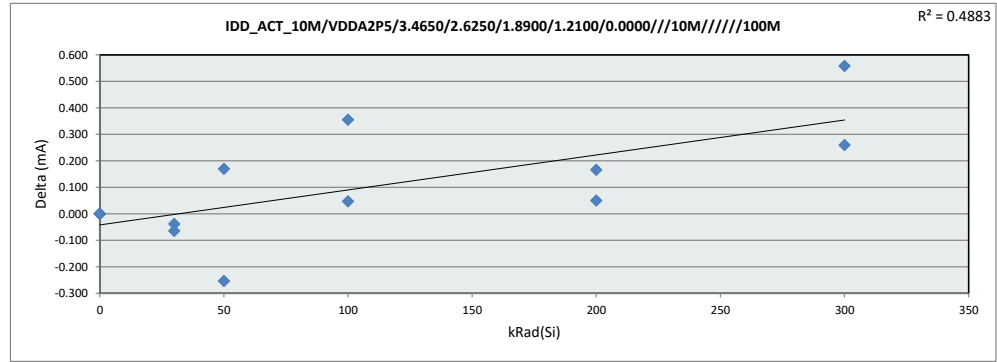


TID Report
DP83561-SP

IDD_ACT_10M/VDDA2P5/3.4650

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	108.9999974	108.9999974
Min Limit	50.99999905	50.99999905

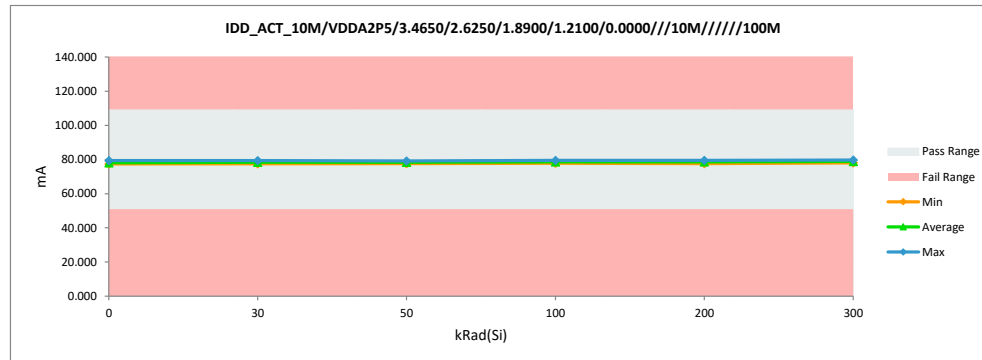
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	77.461	77.461	0.000
0	188A	77.402	77.402	0.000
0	191A	79.425	79.425	0.000
30	181B	77.461	77.423	-0.038
30	191B	79.425	79.361	-0.064
50	181C	77.461	77.630	0.169
50	191C	79.425	79.172	-0.253
100	181D	77.461	77.817	0.356
100	191D	79.425	79.472	0.047
200	181E	77.461	77.627	0.166
200	191E	79.425	79.475	0.050
300	181F	77.461	78.020	0.558
300	191F	79.425	79.684	0.259
Max		79.425	79.684	0.558
Average		78.363	78.459	0.096
Min		77.402	77.402	-0.253
Std Dev		1.024	0.957	0.207



IDD_ACT_10M/VDDA2P5/3.4650

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	108.9999974 mA
Min Limit	50.99999905 mA

kRad(Si)	0	30	50	100	200	300
LL	51.000	51.000	51.000	51.000	51.000	51.000
Min	77.402	77.423	77.630	77.817	77.627	78.020
Average	78.096	78.392	78.401	78.644	78.551	78.852
Max	79.425	79.361	79.172	79.472	79.475	79.684
UL	109.000	109.000	109.000	109.000	109.000	109.000

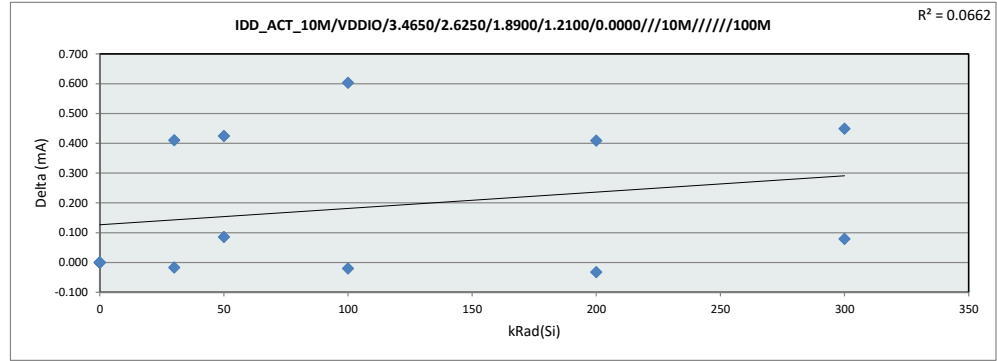


TID Report
DP83561-SP

IDD_ACT_10M/VDDIO/3.4650/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	34.00000185	34.00000185
Min Limit	6.000000052	6.000000052

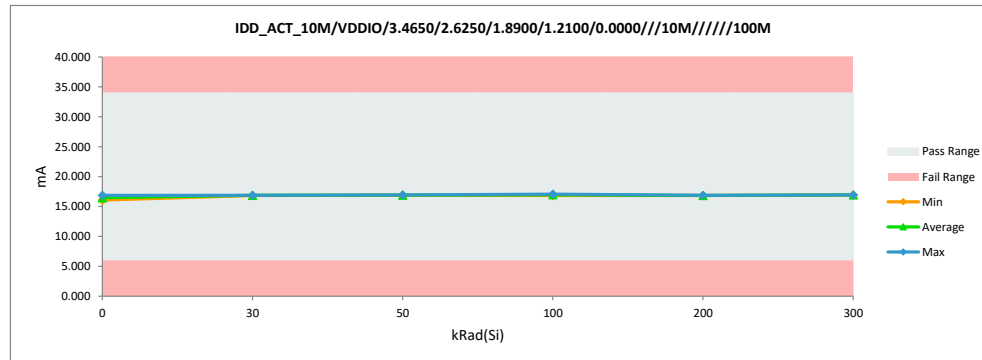
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	16.857	16.857	0.000
0	188A	16.070	16.070	0.000
0	191A	16.462	16.462	0.000
30	181B	16.857	16.840	-0.017
30	191B	16.462	16.873	0.410
50	181C	16.857	16.943	0.085
50	191C	16.462	16.886	0.424
100	181D	16.857	16.837	-0.020
100	191D	16.462	17.065	0.603
200	181E	16.857	16.825	-0.032
200	191E	16.462	16.871	0.409
300	181F	16.857	16.937	0.079
300	191F	16.462	16.911	0.449
Max		16.857	17.065	0.603
Average		16.614	16.798	0.184
Min		16.070	16.070	-0.032
Std Dev		0.257	0.257	0.234



IDD_ACT_10M/VDDIO/3.4650

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.00000185 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	16.070	16.840	16.886	16.837	16.825	16.911
Average	16.463	16.857	16.914	16.951	16.848	16.924
Max	16.857	16.873	16.943	17.065	16.871	16.937
UL	34.000	34.000	34.000	34.000	34.000	34.000

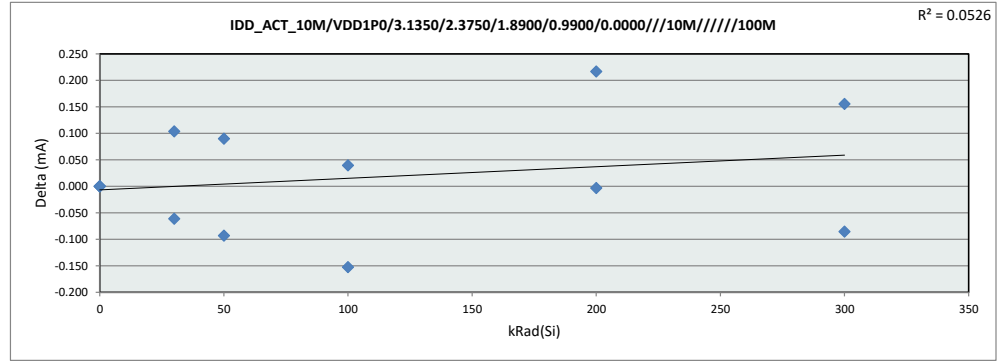


TID Report
DP83561-SP

IDD_ACT_10M/VDD1P0/3.1350/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	74.00000095	74.00000095
Min Limit	16.00000076	16.00000076

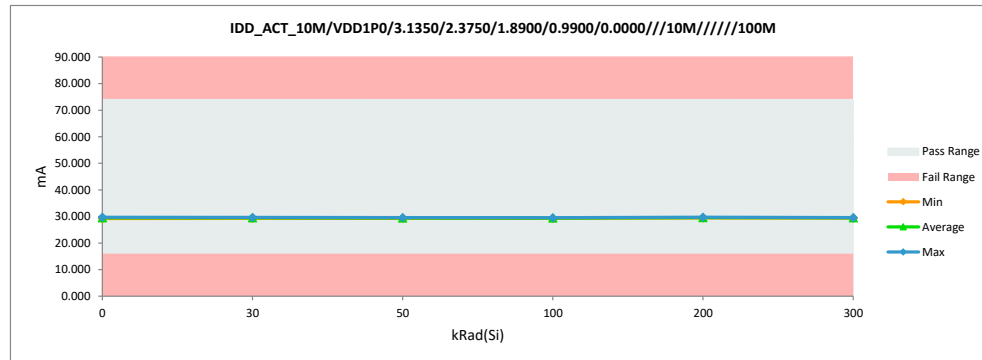
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	29.690	29.690	0.000
0	188A	29.557	29.557	0.000
0	191A	29.220	29.220	0.000
30	181B	29.690	29.629	-0.061
30	191B	29.220	29.324	0.104
50	181C	29.690	29.597	-0.093
50	191C	29.220	29.310	0.090
100	181D	29.690	29.537	-0.153
100	191D	29.220	29.260	0.040
200	181E	29.690	29.687	-0.003
200	191E	29.220	29.437	0.217
300	181F	29.690	29.605	-0.085
300	191F	29.220	29.376	0.156
Max		29.690	29.690	0.217
Average		29.463	29.479	0.016
Min		29.220	29.220	-0.153
Std Dev		0.237	0.166	0.105



IDD_ACT_10M/VDD1P0/3.1350/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	74.00000095 mA
Min Limit	16.00000076 mA

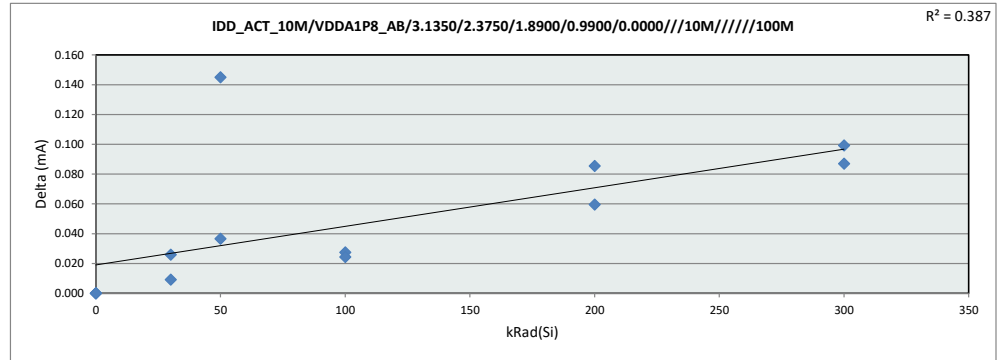
kRad(Si)	0	30	50	100	200	300
LL	16.000	16.000	16.000	16.000	16.000	16.000
Min	29.220	29.324	29.310	29.260	29.437	29.376
Average	29.489	29.476	29.454	29.399	29.562	29.490
Max	29.690	29.629	29.597	29.537	29.687	29.605
UL	74.000	74.000	74.000	74.000	74.000	74.000



TID Report
DP83561-SP

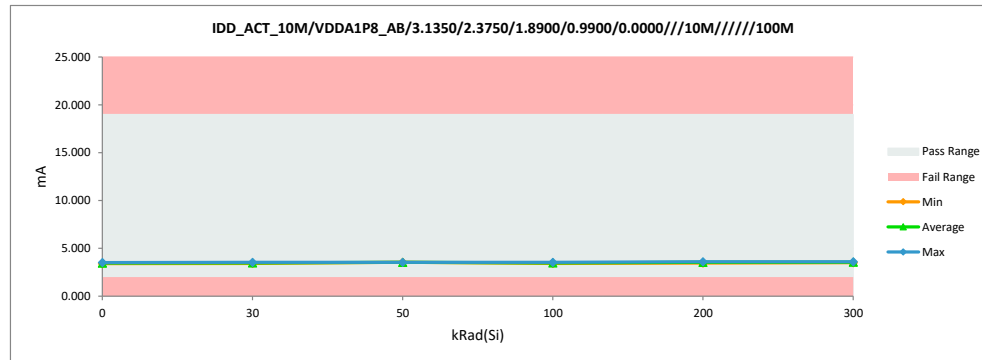
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Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Unit	mA
Max Limit	18.99999939
Min Limit	2.000000095

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.512	3.512	0.000
0	188A	3.487	3.487	0.000
0	191A	3.403	3.403	0.000
30	181B	3.512	3.538	0.026
30	191B	3.403	3.413	0.009
50	181C	3.512	3.548	0.037
50	191C	3.403	3.548	0.145
100	181D	3.512	3.539	0.027
100	191D	3.403	3.428	0.024
200	181E	3.512	3.597	0.085
200	191E	3.403	3.463	0.060
300	181F	3.512	3.599	0.087
300	191F	3.403	3.503	0.099
Max		3.512	3.599	0.145
Average		3.460	3.506	0.046
Min		3.403	3.403	0.000
Std Dev		0.055	0.065	0.046



IDD_ACT_10M/VDDA1P8_AB/3.1350/2.3750/1.8900/0.9900/0.0000///10M/////100M	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	18.99999939 mA
Min Limit	2.000000095 mA

kRad(Si)	0	30	50	100	200	300
LL	2.000	2.000	2.000	2.000	2.000	2.000
Min	3.403	3.413	3.548	3.428	3.463	3.503
Average	3.468	3.475	3.548	3.484	3.530	3.551
Max	3.512	3.538	3.548	3.539	3.597	3.599
UL	19.000	19.000	19.000	19.000	19.000	19.000

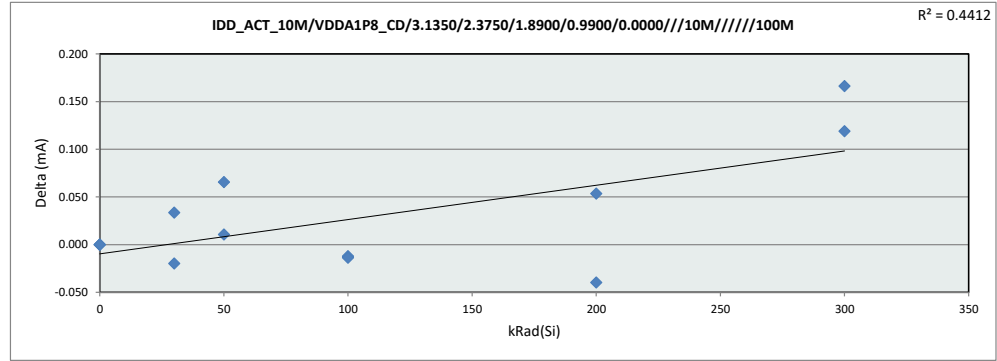


TID Report
DP83561-SP

IDD_ACT_10M/VDDA1P8_CD/3.1350/2.3750/1.8900/0.9900/0.0000///10M/////100M

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	18.99999939	18.99999939
Min Limit	2.000000095	2.000000095

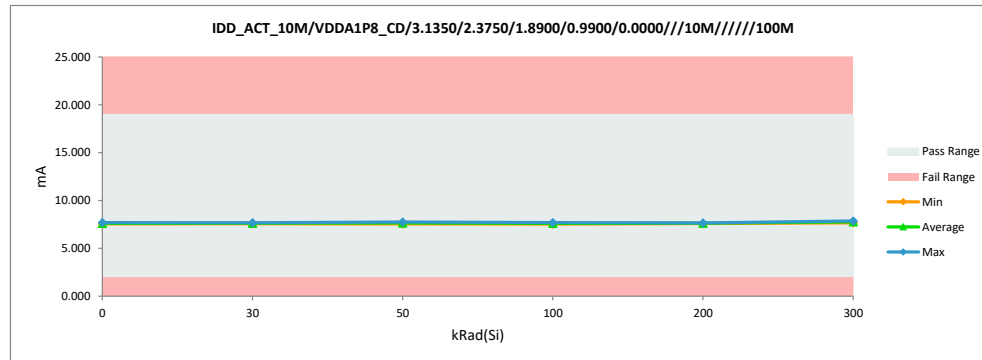
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	7.697	7.697	0.000
0	188A	7.616	7.616	0.000
0	191A	7.546	7.546	0.000
30	181B	7.697	7.678	-0.020
30	191B	7.546	7.580	0.034
50	181C	7.697	7.763	0.066
50	191C	7.546	7.557	0.011
100	181D	7.697	7.685	-0.012
100	191D	7.546	7.533	-0.014
200	181E	7.697	7.658	-0.040
200	191E	7.546	7.600	0.053
300	181F	7.697	7.864	0.166
300	191F	7.546	7.665	0.119
Max		7.697	7.864	0.166
Average		7.621	7.649	0.028
Min		7.546	7.533	-0.040
Std Dev		0.076	0.093	0.059



IDD_ACT_10M/VDDA1P8_CD/3.1350/2.3750/1.8900/0.9900/0.0000///10M/////100M

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	18.99999939 mA
Min Limit	2.000000095 mA

kRad(Si)	0	30	50	100	200	300
LL	2.000	2.000	2.000	2.000	2.000	2.000
Min	7.546	7.580	7.557	7.533	7.600	7.665
Average	7.620	7.629	7.660	7.609	7.629	7.764
Max	7.697	7.678	7.763	7.685	7.658	7.864
UL	19.000	19.000	19.000	19.000	19.000	19.000

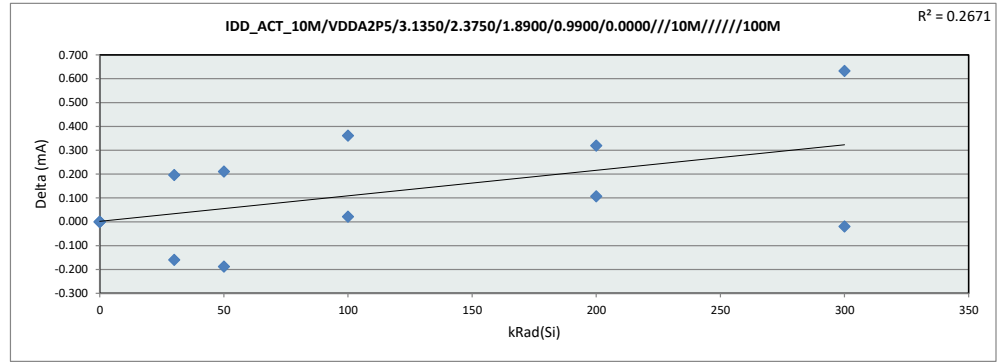


TID Report
DP83561-SP

IDD_ACT_10M/VDDA2P5/3.1350

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	108.9999974	108.9999974
Min Limit	50.99999905	50.99999905

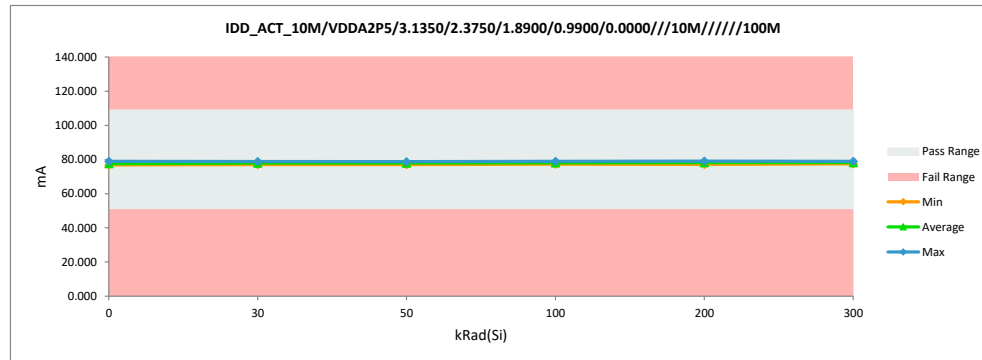
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	76.836	76.836	0.000
0	188A	76.848	76.848	0.000
0	191A	78.952	78.952	0.000
30	181B	76.836	77.032	0.196
30	191B	78.952	78.792	-0.160
50	181C	76.836	77.047	0.211
50	191C	78.952	78.764	-0.188
100	181D	76.836	77.197	0.361
100	191D	78.952	78.973	0.021
200	181E	76.836	77.156	0.320
200	191E	78.952	79.059	0.107
300	181F	76.836	77.469	0.632
300	191F	78.952	78.932	-0.020
	Max	78.952	79.059	0.632
	Average	77.814	77.927	0.114
	Min	76.836	76.836	-0.188
	Std Dev	1.097	0.964	0.227



IDD_ACT_10M/VDDA2P5/3.1350

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	108.9999974 mA
Min Limit	50.99999905 mA

kRad(Si)	0	30	50	100	200	300
LL	51.000	51.000	51.000	51.000	51.000	51.000
Min	76.836	77.032	77.047	77.197	77.156	77.469
Average	77.545	77.912	77.905	78.085	78.107	78.200
Max	78.952	78.792	78.764	78.973	79.059	78.932
UL	109.000	109.000	109.000	109.000	109.000	109.000

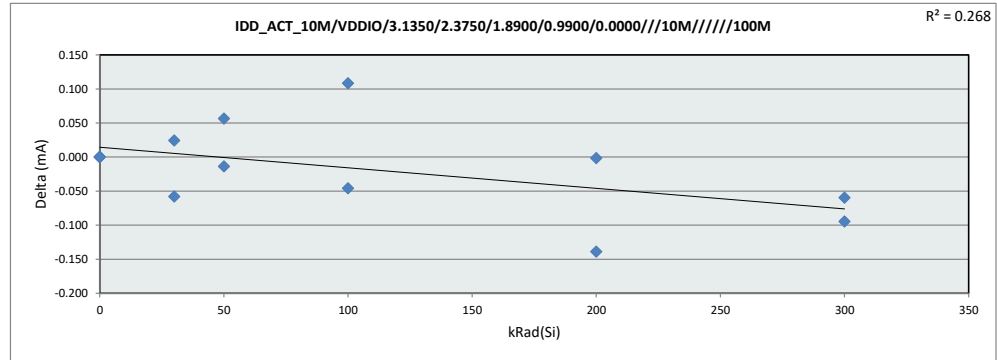


TID Report
DP83561-SP

IDD_ACT_10M/VDDIO/3.1350/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	34.00000185	34.00000185
Min Limit	6.000000052	6.000000052

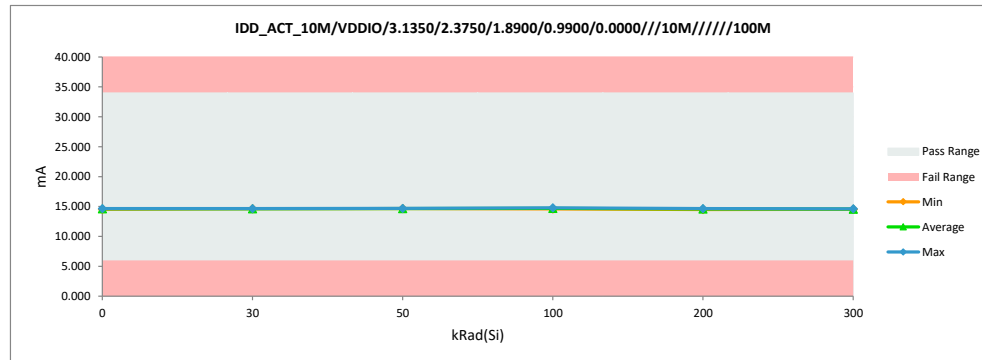
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	14.628	14.628	0.000
0	188A	14.527	14.527	0.000
0	191A	14.668	14.668	0.000
30	181B	14.628	14.652	0.024
30	191B	14.668	14.610	-0.058
50	181C	14.628	14.684	0.056
50	191C	14.668	14.654	-0.014
100	181D	14.628	14.582	-0.046
100	191D	14.668	14.776	0.108
200	181E	14.628	14.489	-0.139
200	191E	14.668	14.666	-0.002
300	181F	14.628	14.533	-0.095
300	191F	14.668	14.608	-0.060
Max		14.668	14.776	0.108
Average		14.639	14.621	-0.017
Min		14.527	14.489	-0.139
Std Dev		0.039	0.076	0.064



IDD_ACT_10M/VDDIO/3.1350

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.00000185 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	14.527	14.610	14.654	14.582	14.489	14.533
Average	14.608	14.631	14.669	14.679	14.578	14.571
Max	14.668	14.652	14.684	14.776	14.666	14.608
UL	34.000	34.000	34.000	34.000	34.000	34.000

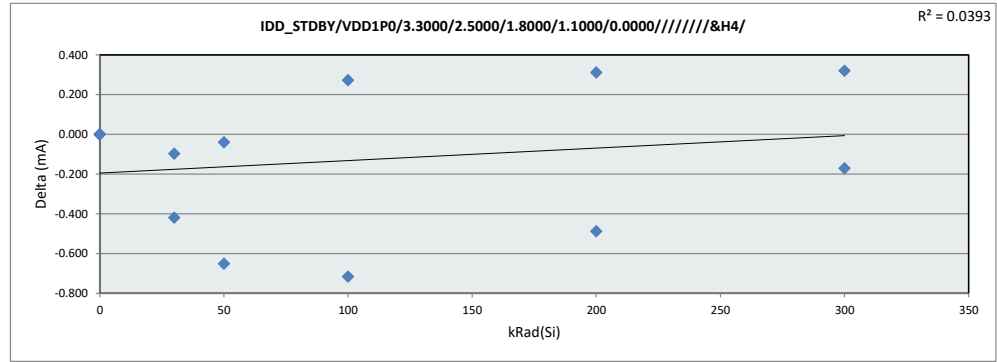


TID Report
DP83561-SP

IDD_STDBY/VDD1P0/3.3000/2.5000/1.8000/1.1000/0.0000////////&H4/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	114.0000001	114.0000001
Min Limit	41.00000113	41.00000113

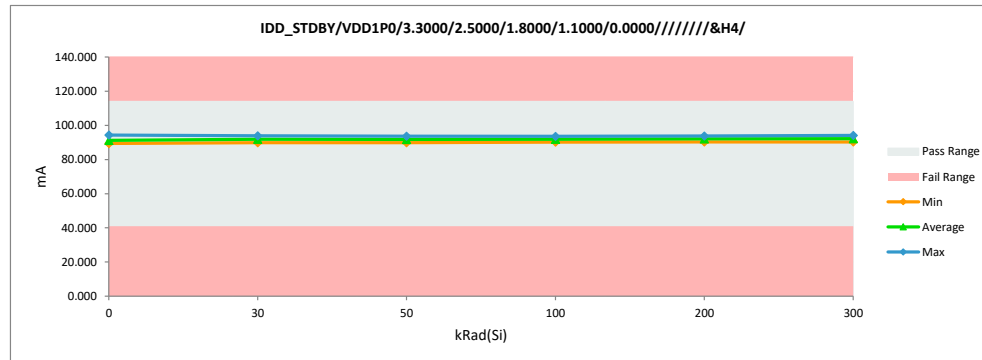
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	94.311	94.311	0.000
0	188A	89.387	89.387	0.000
0	191A	89.937	89.937	0.000
30	181B	94.311	93.892	-0.420
30	191B	89.937	89.839	-0.098
50	181C	94.311	93.660	-0.652
50	191C	89.937	89.897	-0.040
100	181D	94.311	93.596	-0.716
100	191D	89.937	90.210	0.273
200	181E	94.311	93.823	-0.488
200	191E	89.937	90.248	0.311
300	181F	94.311	94.141	-0.171
300	191F	89.937	90.257	0.320
Max		94.311	94.311	0.320
Average		91.914	91.784	-0.129
Min		89.387	89.387	-0.716
Std Dev		2.315	2.062	0.347



IDD_STDBY/VDD1P0/3.3000/2.5000/1.8000/1.1000/0.0000////////&H4/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	114.0000001 mA
Min Limit	41.00000113 mA

kRad(Si)	0	30	50	100	200	300
LL	41.000	41.000	41.000	41.000	41.000	41.000
Min	89.387	89.839	89.897	90.210	90.248	90.257
Average	91.212	91.865	91.778	91.903	92.036	92.199
Max	94.311	93.892	93.660	93.596	93.823	94.141
UL	114.000	114.000	114.000	114.000	114.000	114.000

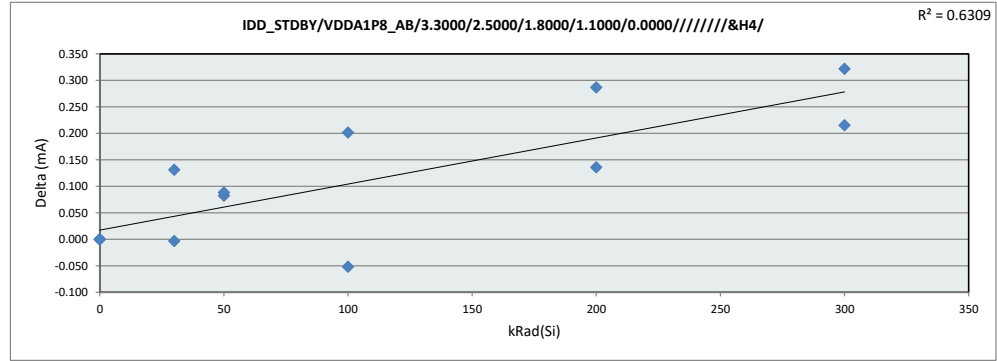


TID Report
DP83561-SP

IDD_STDBY/VDDA1P8_AB/3.300

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

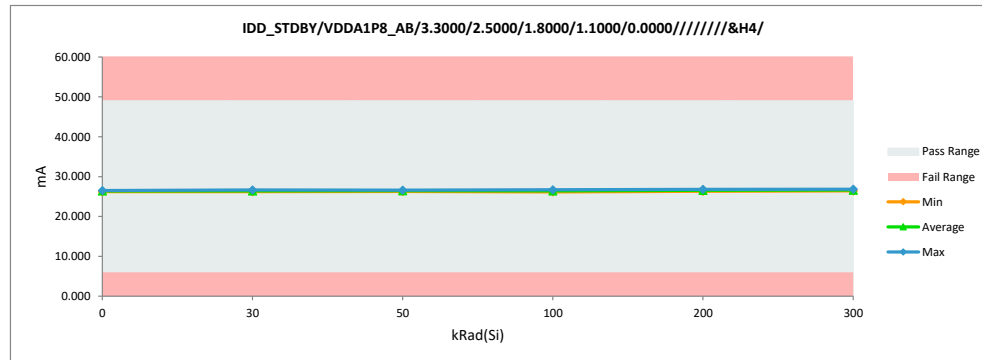
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	26.507	26.507	0.000
0	188A	26.473	26.473	0.000
0	191A	26.203	26.203	0.000
30	181B	26.507	26.638	0.131
30	191B	26.203	26.200	-0.003
50	181C	26.507	26.589	0.082
50	191C	26.203	26.292	0.089
100	181D	26.507	26.708	0.201
100	191D	26.203	26.151	-0.052
200	181E	26.507	26.794	0.287
200	191E	26.203	26.339	0.136
300	181F	26.507	26.829	0.322
300	191F	26.203	26.419	0.215
	Max	26.507	26.829	0.322
	Average	26.364	26.473	0.108
	Min	26.203	26.151	-0.052
	Std Dev	0.155	0.229	0.120



IDD_STDBY/VDDA1P8_AB/3.3

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	26.203	26.200	26.292	26.151	26.339	26.419
Average	26.395	26.419	26.441	26.430	26.567	26.624
Max	26.507	26.638	26.589	26.708	26.794	26.829
UL	49.000	49.000	49.000	49.000	49.000	49.000

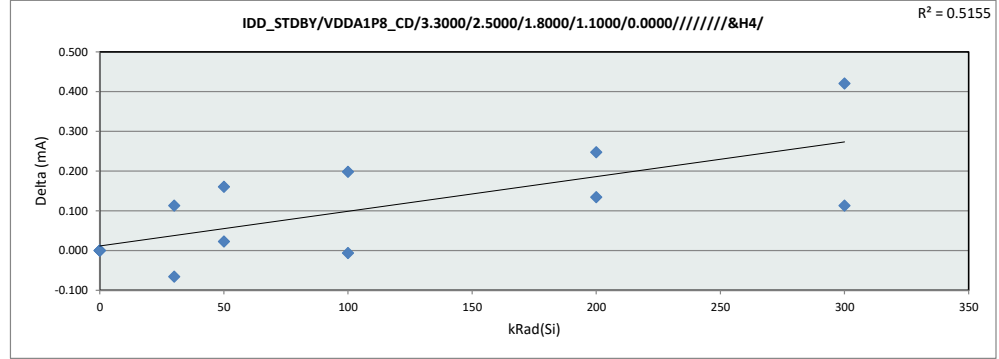


TID Report
DP83561-SP

IDD_STDBY/VDDA1P8_CD/3.300

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	6.000000052	6.000000052

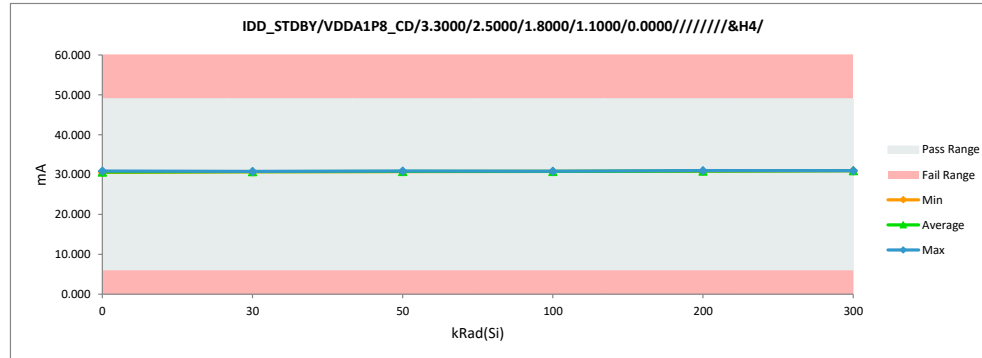
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	30.578	30.578	0.000
0	188A	30.537	30.537	0.000
0	191A	30.870	30.870	0.000
30	181B	30.578	30.691	0.113
30	191B	30.870	30.804	-0.066
50	181C	30.578	30.738	0.160
50	191C	30.870	30.892	0.023
100	181D	30.578	30.776	0.198
100	191D	30.870	30.863	-0.006
200	181E	30.578	30.825	0.247
200	191E	30.870	31.004	0.134
300	181F	30.578	30.998	0.420
300	191F	30.870	30.982	0.113
Max		30.870	31.004	0.420
Average		30.709	30.812	0.103
Min		30.537	30.537	-0.066
Std Dev		0.155	0.149	0.133



IDD_STDBY/VDDA1P8_CD/3.3

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	30.537	30.691	30.738	30.776	30.825	30.982
Average	30.661	30.747	30.815	30.820	30.915	30.990
Max	30.870	30.804	30.892	30.863	31.004	30.998
UL	49.000	49.000	49.000	49.000	49.000	49.000

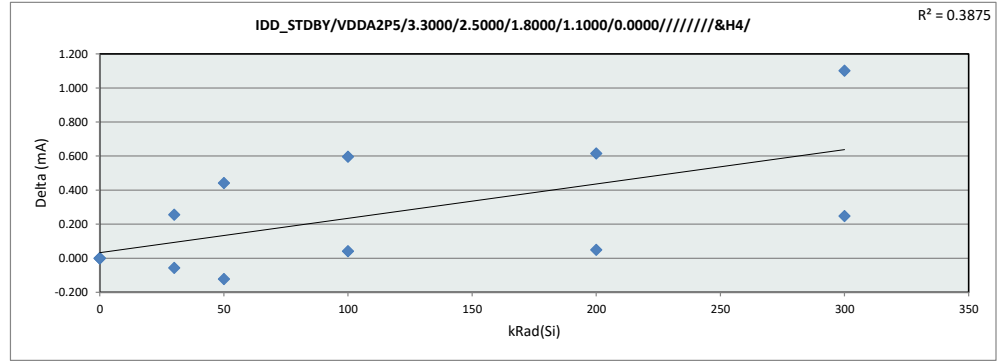


TID Report
DP83561-SP

IDD_STDBY/VDDA2P5/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	108.9999974	108.9999974
Min Limit	41.00000113	41.00000113

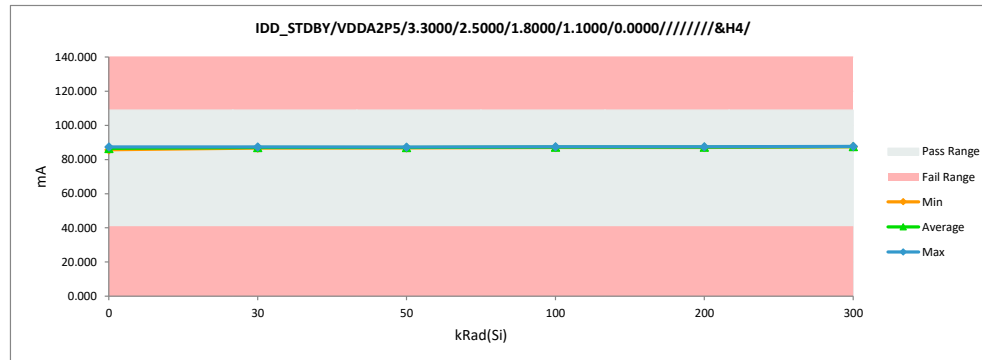
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	86.388	86.388	0.000
0	188A	85.709	85.709	0.000
0	191A	87.419	87.419	0.000
30	181B	86.388	86.644	0.256
30	191B	87.419	87.363	-0.056
50	181C	86.388	86.830	0.442
50	191C	87.419	87.297	-0.122
100	181D	86.388	86.984	0.596
100	191D	87.419	87.460	0.041
200	181E	86.388	87.004	0.616
200	191E	87.419	87.468	0.049
300	181F	86.388	87.489	1.101
300	191F	87.419	87.666	0.247
Max		87.419	87.666	1.101
Average		86.812	87.056	0.244
Min		85.709	85.709	-0.122
Std Dev		0.613	0.553	0.356



IDD_STDBY/VDDA2P5/3.3000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	108.9999974 mA
Min Limit	41.00000113 mA

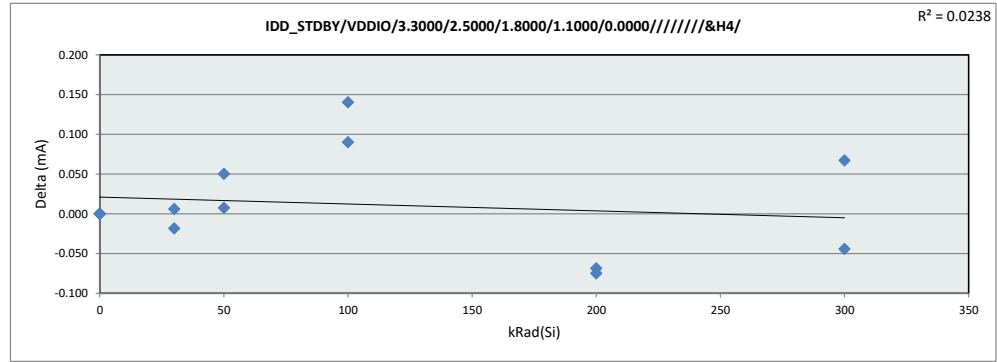
	kRad(Si)	0	30	50	100	200	300
LL		41.000	41.000	41.000	41.000	41.000	41.000
Min		85.709	86.644	86.830	86.984	87.004	87.489
Average		86.506	87.003	87.064	87.222	87.236	87.578
Max		87.419	87.363	87.297	87.460	87.468	87.666
UL		109.000	109.000	109.000	109.000	109.000	109.000



TID Report
DP83561-SP

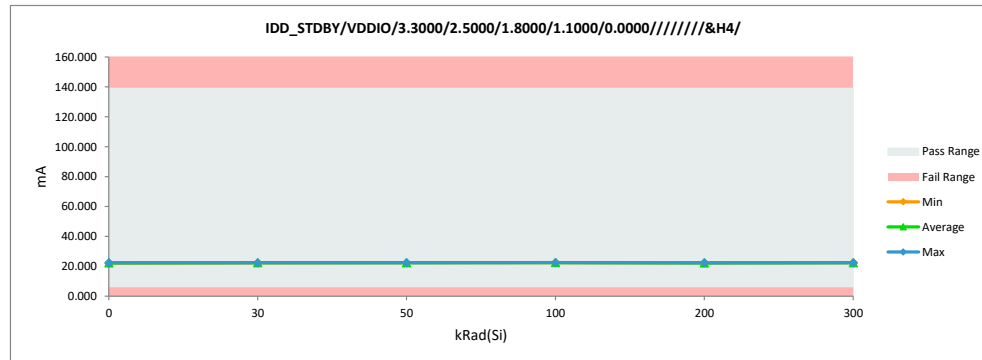
IDD_STDBY/VDDIO/3.3000/2.5000/1.8000/1.1000/0.0000//////////&H4/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	138.9999986	138.9999986
Min Limit	6.000000052	6.000000052

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	22.289	22.289	0.000
0	188A	22.108	22.108	0.000
0	191A	22.410	22.410	0.000
30	181B	22.289	22.296	0.006
30	191B	22.410	22.392	-0.018
50	181C	22.289	22.340	0.050
50	191C	22.410	22.418	0.008
100	181D	22.289	22.430	0.140
100	191D	22.410	22.500	0.090
200	181E	22.289	22.221	-0.069
200	191E	22.410	22.335	-0.075
300	181F	22.289	22.357	0.067
300	191F	22.410	22.366	-0.044
Max		22.410	22.500	0.140
Average		22.331	22.343	0.012
Min		22.108	22.108	-0.075
Std Dev		0.090	0.100	0.062



IDD_STDBY/VDDIO/3.3000/2.5000/1.8000/1.1000/0.0000//////////&H4/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	138.9999986	mA
Min Limit	6.000000052	mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	22.108	22.296	22.340	22.430	22.221	22.357
Average	22.269	22.344	22.379	22.465	22.278	22.361
Max	22.410	22.392	22.418	22.500	22.335	22.366
UL	139.000	139.000	139.000	139.000	139.000	139.000

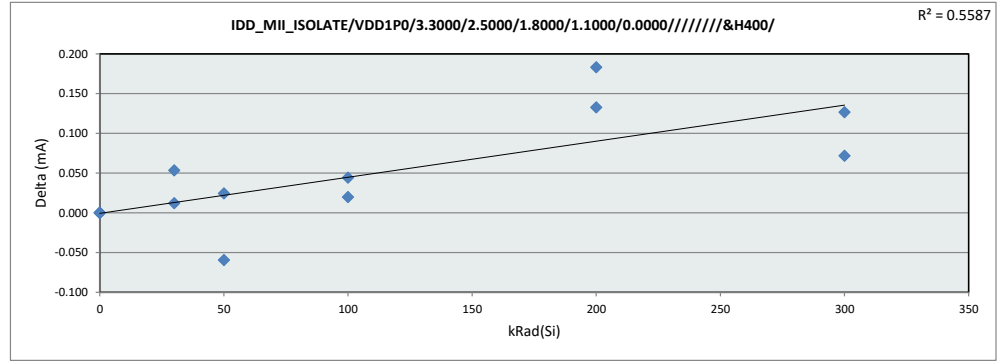


TID Report
DP83561-SP

IDD_MII_ISOLATE/VDD1P0/3.3000/2.5000/1.8000/1.1000/0.0000////////&H400/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	59.00000036	59.00000036
Min Limit	12.00000001	12.00000001

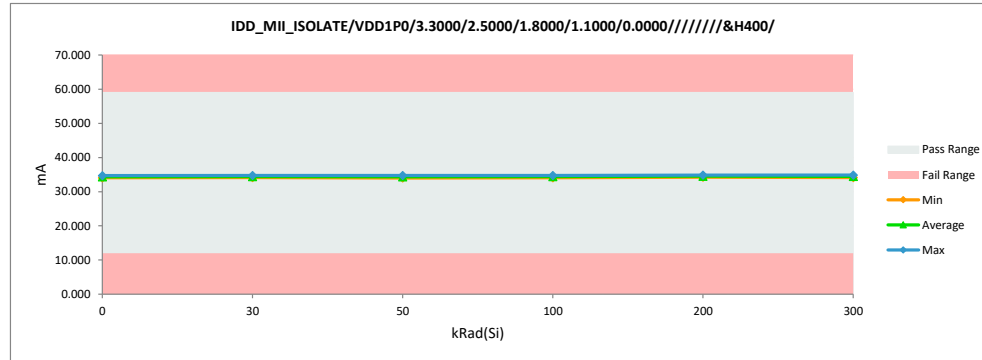
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	34.713	34.713	0.000
0	188A	34.312	34.312	0.000
0	191A	34.051	34.051	0.000
30	181B	34.713	34.725	0.012
30	191B	34.051	34.104	0.053
50	181C	34.713	34.738	0.024
50	191C	34.051	33.992	-0.060
100	181D	34.713	34.757	0.044
100	191D	34.051	34.071	0.020
200	181E	34.713	34.846	0.133
200	191E	34.051	34.234	0.183
300	181F	34.713	34.840	0.127
300	191F	34.051	34.123	0.072
Max		34.713	34.846	0.183
Average		34.377	34.424	0.047
Min		34.051	33.992	-0.060
Std Dev		0.332	0.345	0.067



IDD_MII_ISOLATE/VDD1P0/3.3000/2.5000/1.8000/1.1000/0.0000////////&H400/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	59.00000036 mA
Min Limit	12.00000001 mA

kRad(Si)	0	30	50	100	200	300
LL	12.000	12.000	12.000	12.000	12.000	12.000
Min	34.051	34.104	33.992	34.071	34.234	34.123
Average	34.359	34.415	34.365	34.414	34.540	34.481
Max	34.713	34.725	34.738	34.757	34.846	34.840
UL	59.000	59.000	59.000	59.000	59.000	59.000

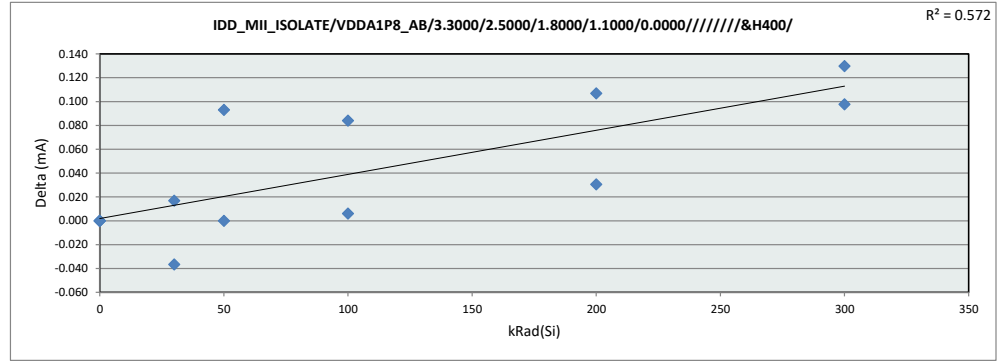


TID Report
DP83561-SP

IDD_MII_ISOLATE/VDDA1P8_AB

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	14.00000043	14.00000043
Min Limit	1.000000047	1.000000047

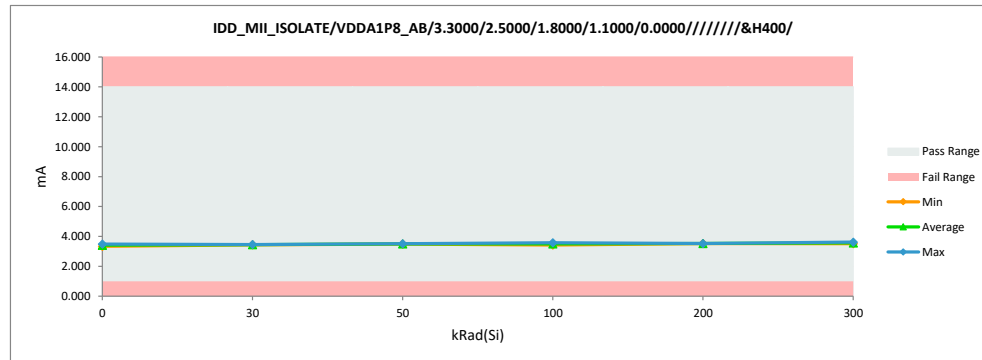
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.490	3.490	0.000
0	188A	3.333	3.333	0.000
0	191A	3.413	3.413	0.000
30	181B	3.490	3.454	-0.037
30	191B	3.413	3.429	0.017
50	181C	3.490	3.490	0.000
50	191C	3.413	3.506	0.093
100	181D	3.490	3.574	0.084
100	191D	3.413	3.419	0.006
200	181E	3.490	3.521	0.031
200	191E	3.413	3.519	0.107
300	181F	3.490	3.620	0.130
300	191F	3.413	3.510	0.098
Max		3.490	3.620	0.130
Average		3.442	3.483	0.041
Min		3.333	3.333	-0.037
Std Dev		0.051	0.074	0.054



IDD_MII_ISOLATE/VDDA1P8

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	14.00000043 mA
Min Limit	1.000000047 mA

kRad(Si)	0	30	50	100	200	300
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.333	3.429	3.490	3.419	3.519	3.510
Average	3.412	3.442	3.498	3.497	3.520	3.565
Max	3.490	3.454	3.506	3.574	3.521	3.620
UL	14.000	14.000	14.000	14.000	14.000	14.000

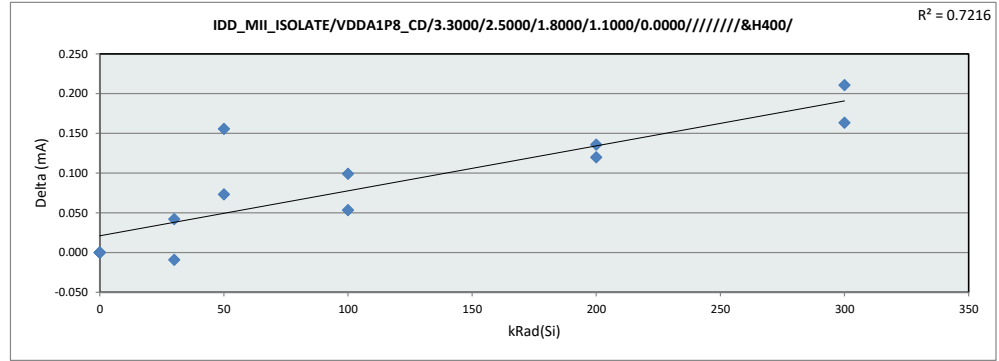


TID Report
DP83561-SP

IDD_MII_ISOLATE/VDDA1P8_CD

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	14.00000043	14.00000043
Min Limit	1.000000047	1.000000047

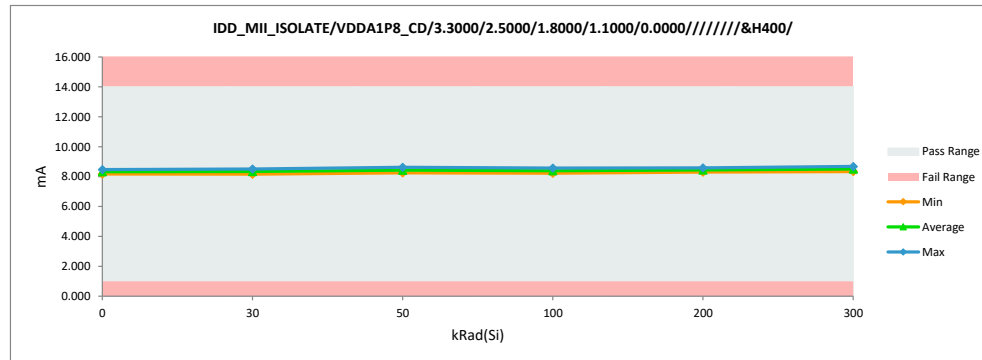
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	8.469	8.469	0.000
0	188A	8.328	8.328	0.000
0	191A	8.172	8.172	0.000
30	181B	8.469	8.511	0.042
30	191B	8.172	8.163	-0.009
50	181C	8.469	8.625	0.156
50	191C	8.172	8.245	0.073
100	181D	8.469	8.569	0.099
100	191D	8.172	8.225	0.053
200	181E	8.469	8.589	0.120
200	191E	8.172	8.308	0.136
300	181F	8.469	8.680	0.211
300	191F	8.172	8.335	0.163
Max		8.469	8.680	0.211
Average		8.321	8.402	0.080
Min		8.172	8.163	-0.009
Std Dev		0.149	0.181	0.073



IDD_MII_ISOLATE/VDDA1P8_CD

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	14.00000043 mA
Min Limit	1.000000047 mA

kRad(Si)	0	30	50	100	200	300
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	8.172	8.163	8.245	8.225	8.308	8.335
Average	8.323	8.337	8.435	8.397	8.448	8.508
Max	8.469	8.511	8.625	8.569	8.589	8.680
UL	14.000	14.000	14.000	14.000	14.000	14.000

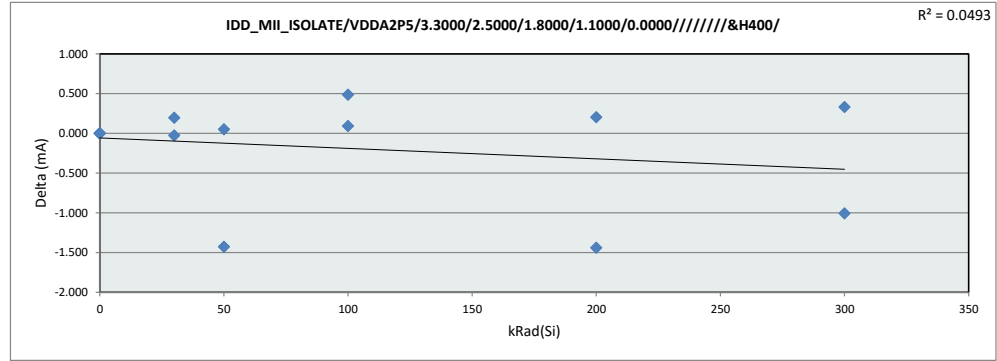


TID Report
DP83561-SP

IDD_MII_ISOLATE/VDDA2P5/3.000/2.5000/1.8000/1.1000/0.0000//////////&H400/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	108.9999974	108.9999974
Min Limit	56.00000173	56.00000173

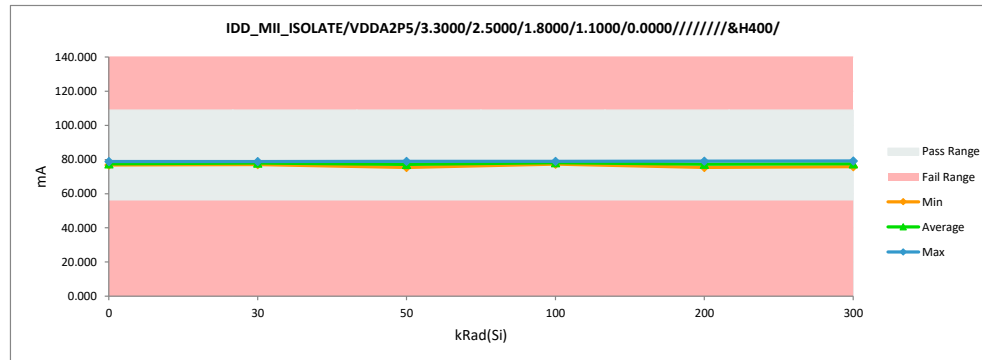
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	76.806	76.806	0.000
0	188A	76.884	76.884	0.000
0	191A	78.836	78.836	0.000
30	181B	76.806	77.003	0.197
30	191B	78.836	78.810	-0.026
50	181C	76.806	75.379	-1.427
50	191C	78.836	78.886	0.050
100	181D	76.806	77.293	0.487
100	191D	78.836	78.927	0.092
200	181E	76.806	75.368	-1.439
200	191E	78.836	79.040	0.204
300	181F	76.806	75.800	-1.006
300	191F	78.836	79.167	0.331
	Max	78.836	79.167	0.487
	Average	77.749	77.554	-0.195
	Min	76.806	75.368	-1.439
	Std Dev	1.047	1.462	0.650



IDD_MII_ISOLATE/VDDA2P5/3.0000/2.5000/1.8000/1.1000/0.0000//////////&H400/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	108.9999974 mA
Min Limit	56.00000173 mA

kRad(Si)	0	30	50	100	200	300
LL	56.000	56.000	56.000	56.000	56.000	56.000
Min	76.806	77.003	75.379	77.293	75.368	75.800
Average	77.509	77.907	77.133	78.110	77.204	77.484
Max	78.836	78.810	78.886	78.927	79.040	79.167
UL	109.000	109.000	109.000	109.000	109.000	109.000

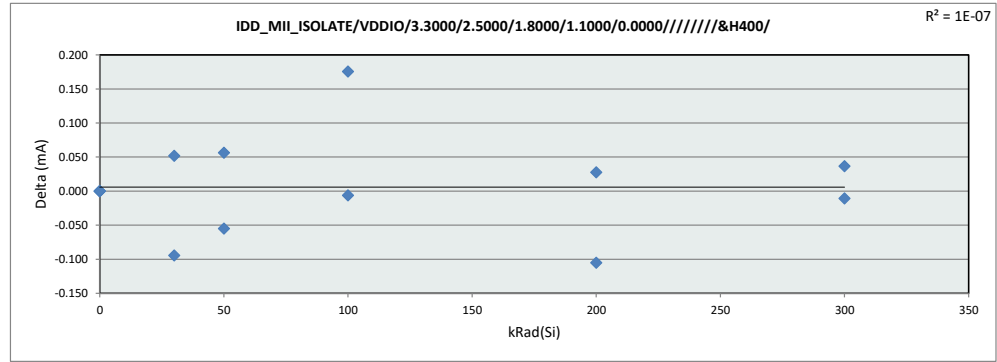


TID Report
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IDD_MII_ISOLATE/VDDIO/3.300

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	24.00000021	24.00000021
Min Limit	6.000000052	6.000000052

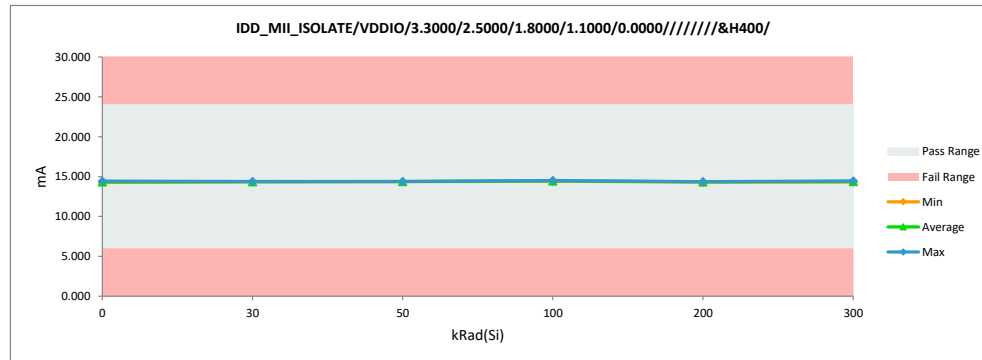
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	14.423	14.423	0.000
0	188A	14.265	14.265	0.000
0	191A	14.335	14.335	0.000
30	181B	14.423	14.329	-0.095
30	191B	14.335	14.387	0.052
50	181C	14.423	14.369	-0.055
50	191C	14.335	14.391	0.056
100	181D	14.423	14.417	-0.006
100	191D	14.335	14.510	0.175
200	181E	14.423	14.318	-0.105
200	191E	14.335	14.362	0.027
300	181F	14.423	14.460	0.037
300	191F	14.335	14.324	-0.011
Max		14.423	14.510	0.175
Average		14.370	14.376	0.006
Min		14.265	14.265	-0.105
Std Dev		0.054	0.066	0.072



IDD_MII_ISOLATE/VDDIO/3.3

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	24.00000021 mA
Min Limit	6.000000052 mA

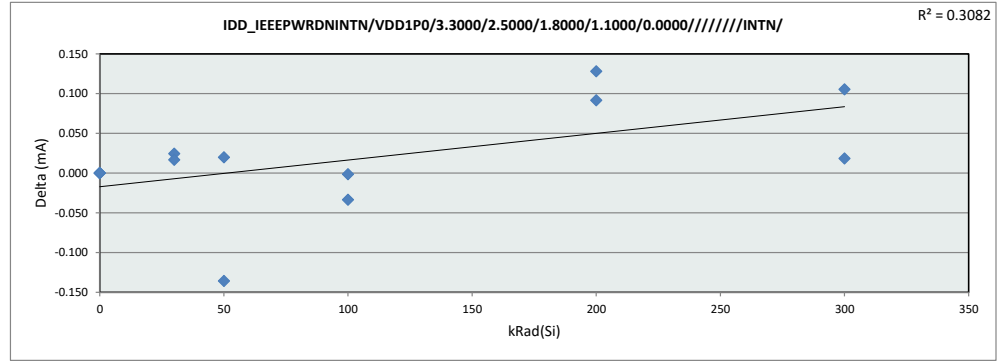
kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	14.265	14.329	14.369	14.417	14.318	14.324
Average	14.341	14.358	14.380	14.464	14.340	14.392
Max	14.423	14.387	14.391	14.510	14.362	14.460
UL	24.000	24.000	24.000	24.000	24.000	24.000



TID Report
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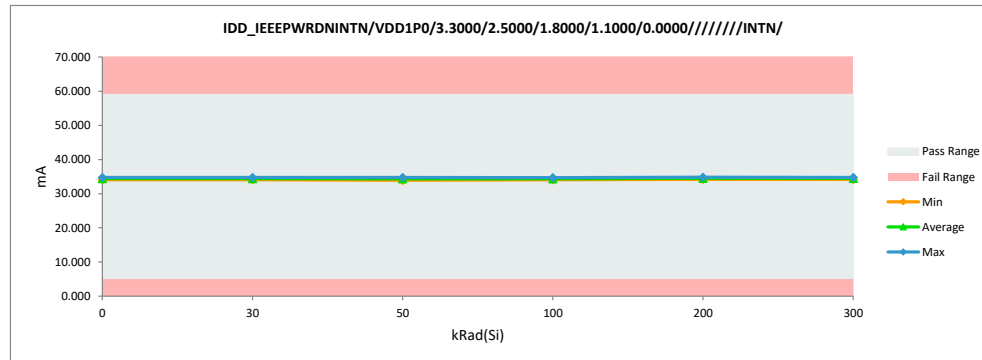
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	59.00000036	59.00000036
Min Limit	4.999999888	4.999999888

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	34.729	34.729	0.000
0	188A	34.361	34.361	0.000
0	191A	34.065	34.065	0.000
30	181B	34.729	34.753	0.024
30	191B	34.065	34.082	0.017
50	181C	34.729	34.748	0.020
50	191C	34.065	33.929	-0.136
100	181D	34.729	34.695	-0.034
100	191D	34.065	34.063	-0.002
200	181E	34.729	34.820	0.092
200	191E	34.065	34.193	0.128
300	181F	34.729	34.747	0.018
300	191F	34.065	34.170	0.105
	Max	34.729	34.820	0.128
	Average	34.394	34.412	0.018
	Min	34.065	33.929	-0.136
	Std Dev	0.332	0.339	0.066



IDD_1EEEPWRDNI NTN/VDD1P0/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	59.00000036	mA
Min Limit	4.999999888	mA

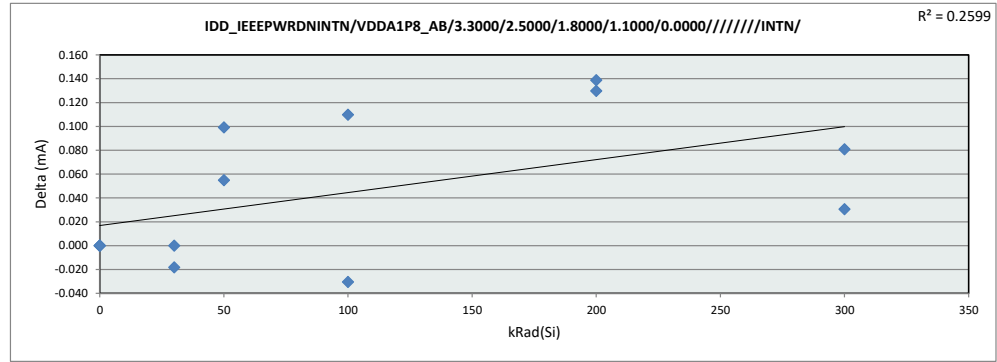
kRad(Si)	0	30	50	100	200	300
LL	5.000	5.000	5.000	5.000	5.000	5.000
Min	34.065	34.082	33.929	34.063	34.193	34.170
Average	34.385	34.417	34.339	34.379	34.506	34.458
Max	34.729	34.753	34.748	34.695	34.820	34.747
UL	59.000	59.000	59.000	59.000	59.000	59.000



TID Report
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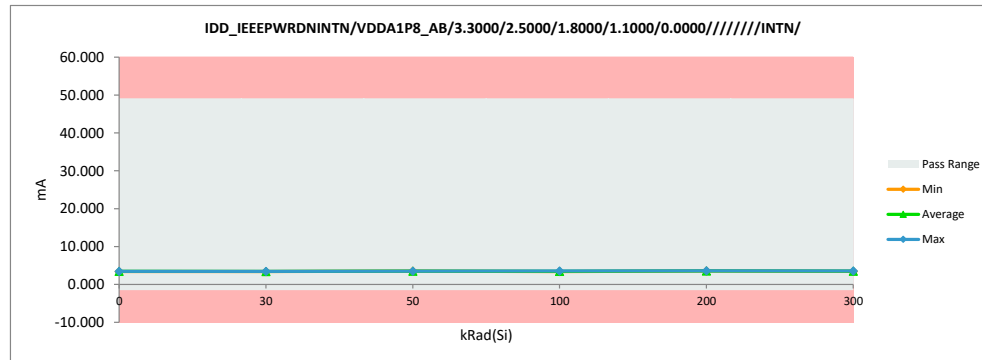
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Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Unit	mA
Max Limit	48.99999872
Min Limit	-1.50000013

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.466	3.466	0.000
0	188A	3.443	3.443	0.000
0	191A	3.420	3.420	0.000
30	181B	3.466	3.448	-0.018
30	191B	3.420	3.420	0.000
50	181C	3.466	3.521	0.055
50	191C	3.420	3.519	0.099
100	181D	3.466	3.576	0.110
100	191D	3.420	3.390	-0.031
200	181E	3.466	3.596	0.130
200	191E	3.420	3.559	0.139
300	181F	3.466	3.547	0.081
300	191F	3.420	3.451	0.031
Max		3.466	3.596	0.139
Average		3.443	3.489	0.046
Min		3.420	3.390	-0.031
Std Dev		0.023	0.067	0.060



IDD_IEEEPWRDNI NTN/VDDA1P8	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872
Min Limit	-1.50000013

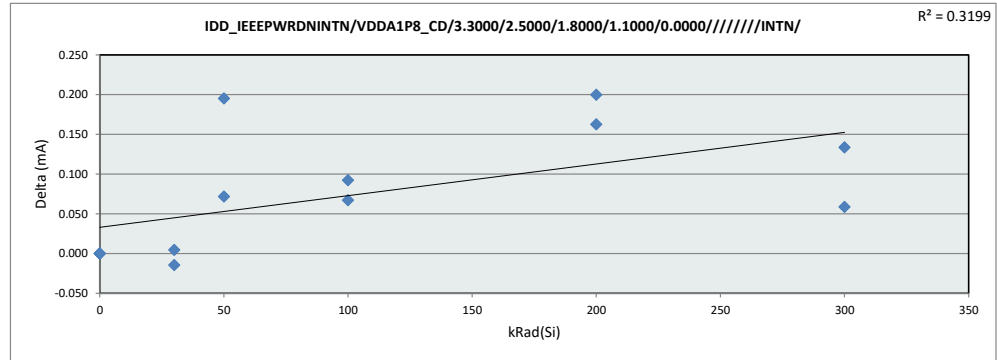
kRad(Si)	0	30	50	100	200	300
LL	-1.500	-1.500	-1.500	-1.500	-1.500	-1.500
Min	3.420	3.420	3.519	3.390	3.559	3.451
Average	3.443	3.434	3.520	3.483	3.577	3.499
Max	3.466	3.448	3.521	3.576	3.596	3.547
UL	49.000	49.000	49.000	49.000	49.000	49.000



TID Report
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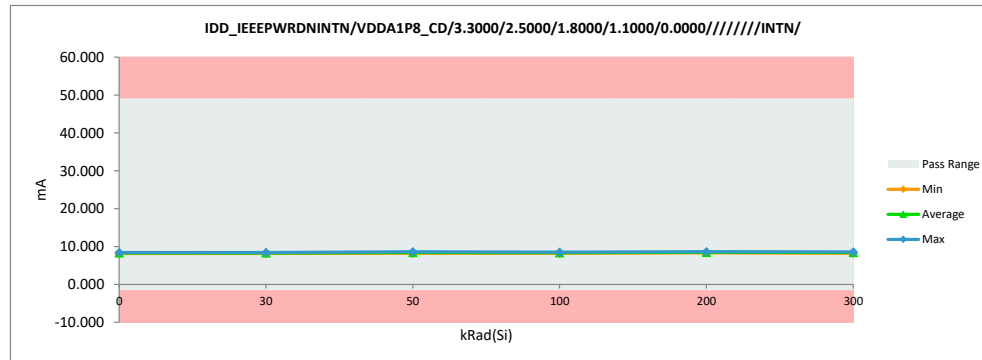
IDD_IEEEPWRDNI NTN/VDDA1P8		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	-1.50000013	-1.50000013

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	8.449	8.449	0.000
0	188A	8.324	8.324	0.000
0	191A	8.164	8.164	0.000
30	181B	8.449	8.434	-0.014
30	191B	8.164	8.168	0.005
50	181C	8.449	8.644	0.195
50	191C	8.164	8.235	0.072
100	181D	8.449	8.541	0.092
100	191D	8.164	8.231	0.067
200	181E	8.449	8.649	0.200
200	191E	8.164	8.326	0.163
300	181F	8.449	8.582	0.134
300	191F	8.164	8.222	0.059
Max		8.449	8.649	0.200
Average		8.308	8.382	0.075
Min		8.164	8.164	-0.014
Std Dev		0.143	0.179	0.077



IDD_IEEEPWRDNI NTN/VDDA1P8		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	48.99999872	mA
Min Limit	-1.50000013	mA

kRad(Si)	0	30	50	100	200	300
LL	-1.500	-1.500	-1.500	-1.500	-1.500	-1.500
Min	8.164	8.168	8.235	8.231	8.326	8.222
Average	8.312	8.301	8.440	8.386	8.487	8.402
Max	8.449	8.434	8.644	8.541	8.649	8.582
UL	49.000	49.000	49.000	49.000	49.000	49.000

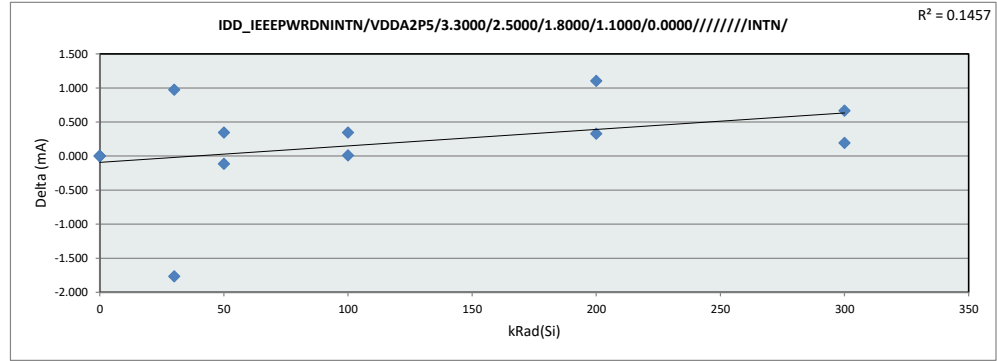


TID Report
DP83561-SP

IDD_I_EEEPWRDNI NTN/VDDA2P5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	98.99999946	98.99999946
Min Limit	0.500000024	0.500000024

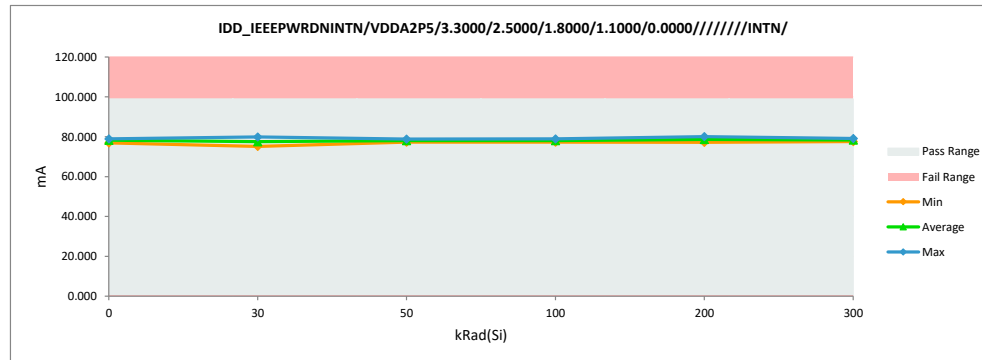
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	76.910	76.910	0.000
0	188A	78.944	78.944	0.000
0	191A	78.941	78.941	0.000
30	181B	76.910	75.144	-1.766
30	191B	78.941	79.916	0.975
50	181C	76.910	77.254	0.344
50	191C	78.941	78.827	-0.114
100	181D	76.910	77.257	0.346
100	191D	78.941	78.950	0.009
200	181E	76.910	77.238	0.328
200	191E	78.941	80.046	1.105
300	181F	76.910	77.576	0.665
300	191F	78.941	79.135	0.194
	Max	78.944	80.046	1.105
	Average	78.004	78.165	0.160
	Min	76.910	75.144	-1.766
	Std Dev	1.054	1.396	0.695



IDD_I_EEEPWRDNI NTN/VDDA2P5

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	98.99999946 mA
Min Limit	0.500000024 mA

kRad(Si)	0	30	50	100	200	300
LL	0.500	0.500	0.500	0.500	0.500	0.500
Min	76.910	75.144	77.254	77.257	77.238	77.576
Average	78.265	77.530	78.041	78.103	78.642	78.355
Max	78.944	79.916	78.827	78.950	80.046	79.135
UL	99.000	99.000	99.000	99.000	99.000	99.000

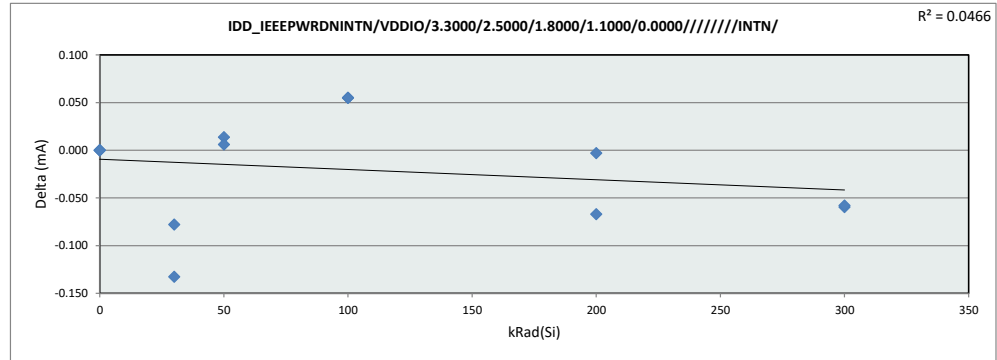


TID Report
DP83561-SP

IDD_IEEEPWRDNI NTN/VDDIO/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	24.00000021	24.00000021
Min Limit	6.000000052	6.000000052

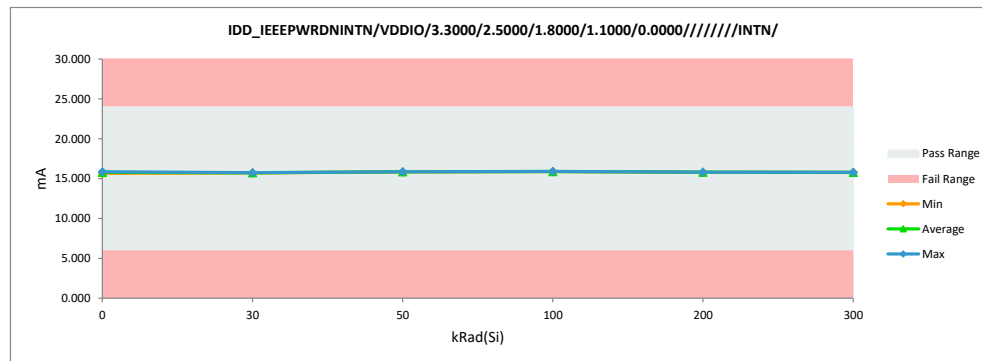
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	15.846	15.846	0.000
0	188A	15.649	15.649	0.000
0	191A	15.823	15.823	0.000
30	181B	15.846	15.713	-0.133
30	191B	15.823	15.745	-0.078
50	181C	15.846	15.859	0.014
50	191C	15.823	15.829	0.006
100	181D	15.846	15.901	0.055
100	191D	15.823	15.878	0.055
200	181E	15.846	15.778	-0.067
200	191E	15.823	15.820	-0.003
300	181F	15.846	15.786	-0.060
300	191F	15.823	15.765	-0.058
Max		15.846	15.901	0.055
Average		15.820	15.799	-0.021
Min		15.649	15.649	-0.133
Std Dev		0.053	0.070	0.055



IDD_IEEEPWRDNI NTN/VDDIO

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	24.00000021 mA
Min Limit	6.000000052 mA

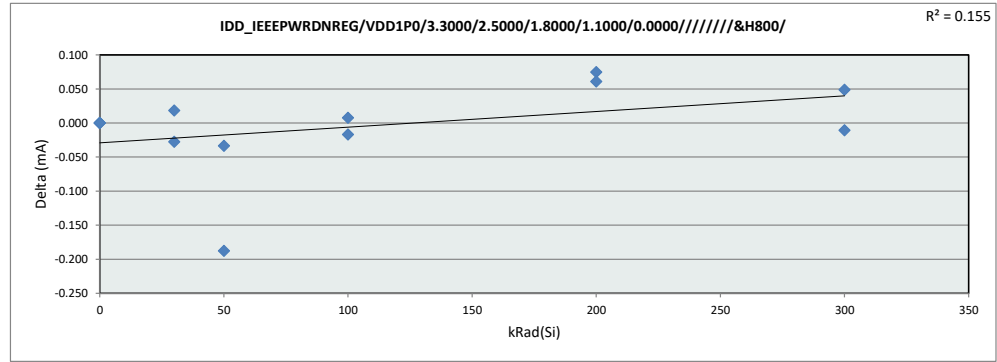
kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	15.649	15.713	15.829	15.878	15.778	15.765
Average	15.772	15.729	15.844	15.889	15.799	15.775
Max	15.846	15.745	15.859	15.901	15.820	15.786
UL	24.000	24.000	24.000	24.000	24.000	24.000



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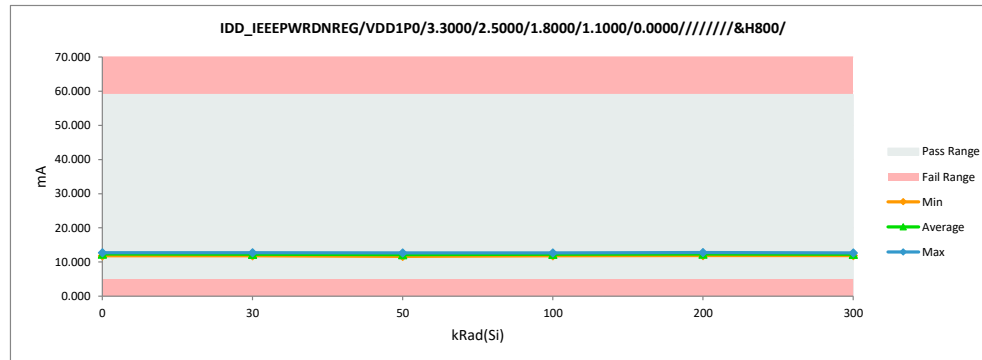
IDD_I_EEEPWRDNREG/VDD1P0/3		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	59.00000036	59.00000036
Min Limit	4.999999888	4.999999888

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	12.698	12.698	0.000
0	188A	12.498	12.498	0.000
0	191A	11.829	11.829	0.000
30	181B	12.698	12.716	0.018
30	191B	11.829	11.802	-0.027
50	181C	12.698	12.664	-0.034
50	191C	11.829	11.642	-0.188
100	181D	12.698	12.681	-0.017
100	191D	11.829	11.837	0.008
200	181E	12.698	12.772	0.075
200	191E	11.829	11.891	0.061
300	181F	12.698	12.687	-0.011
300	191F	11.829	11.878	0.049
Max		12.698	12.772	0.075
Average		12.282	12.277	-0.005
Min		11.829	11.642	-0.188
Std Dev		0.439	0.454	0.064



IDD_I_EEEPWRDNREG/VDD1P0		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	59.00000036	mA
Min Limit	4.999999888	mA

kRad(Si)	0	30	50	100	200	300
LL	5.000	5.000	5.000	5.000	5.000	5.000
Min	11.829	11.802	11.642	11.837	11.891	11.878
Average	12.342	12.259	12.153	12.259	12.331	12.283
Max	12.698	12.716	12.664	12.681	12.772	12.687
UL	59.000	59.000	59.000	59.000	59.000	59.000

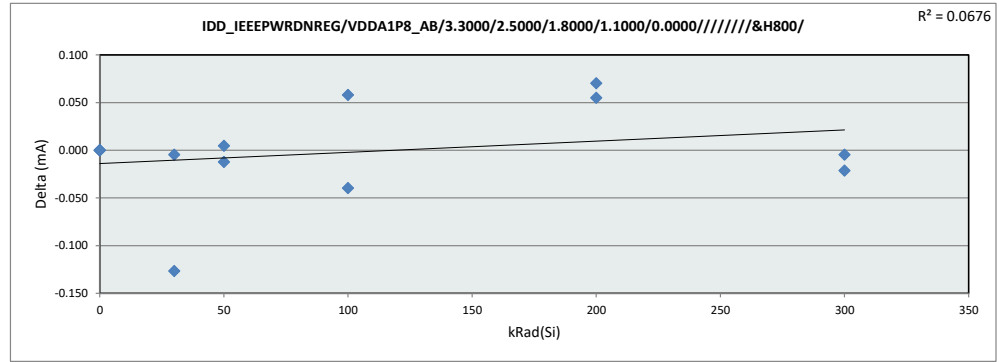


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IDD_IEEEPWRDNREG/VDDA1P8

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	-1.50000013	-1.50000013

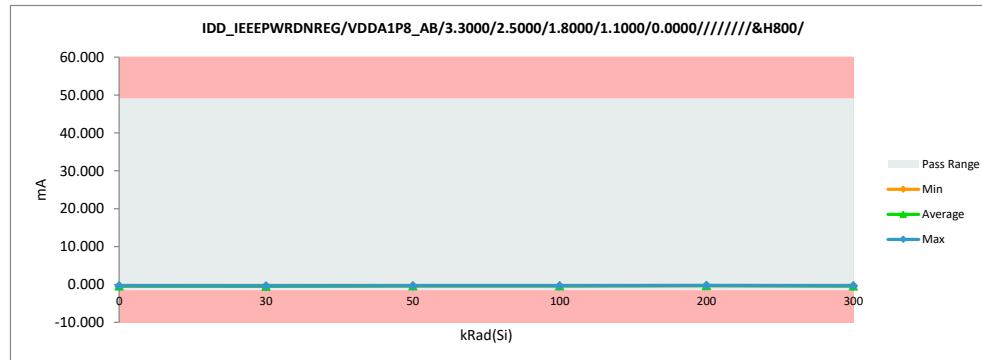
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.388	-0.388	0.000
0	188A	-0.457	-0.457	0.000
0	191A	-0.330	-0.330	0.000
30	181B	-0.388	-0.393	-0.005
30	191B	-0.330	-0.457	-0.127
50	181C	-0.388	-0.401	-0.012
50	191C	-0.330	-0.326	0.005
100	181D	-0.388	-0.330	0.058
100	191D	-0.330	-0.370	-0.040
200	181E	-0.388	-0.333	0.055
200	191E	-0.330	-0.260	0.070
300	181F	-0.388	-0.393	-0.005
300	191F	-0.330	-0.352	-0.021
Max		-0.330	-0.260	0.070
Average		-0.367	-0.369	-0.002
Min		-0.457	-0.457	-0.127
Std Dev		0.040	0.055	0.050



IDD_IEEEPWRDNREG/VDDA1P8

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	-1.50000013 mA

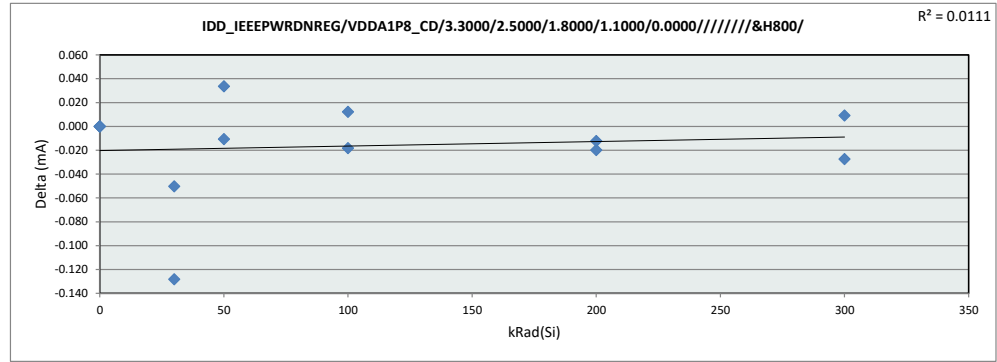
kRad(Si)	0	30	50	100	200	300
LL	-1.500	-1.500	-1.500	-1.500	-1.500	-1.500
Min	-0.457	-0.457	-0.401	-0.370	-0.333	-0.393
Average	-0.392	-0.425	-0.363	-0.350	-0.297	-0.372
Max	-0.330	-0.393	-0.326	-0.330	-0.260	-0.352
UL	49.000	49.000	49.000	49.000	49.000	49.000



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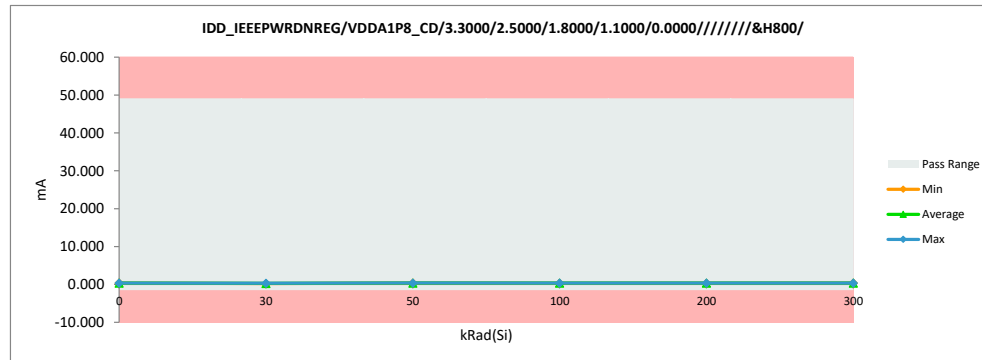
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	-1.50000013	-1.50000013

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.359	0.359	0.000
0	188A	0.364	0.364	0.000
0	191A	0.378	0.378	0.000
30	181B	0.359	0.231	-0.128
30	191B	0.378	0.327	-0.050
50	181C	0.359	0.393	0.034
50	191C	0.378	0.367	-0.011
100	181D	0.359	0.341	-0.018
100	191D	0.378	0.390	0.012
200	181E	0.359	0.340	-0.020
200	191E	0.378	0.365	-0.012
300	181F	0.359	0.369	0.009
300	191F	0.378	0.350	-0.027
Max		0.378	0.393	0.034
Average		0.368	0.352	-0.016
Min		0.359	0.231	-0.128
Std Dev		0.009	0.041	0.039



IDD_IEEEPWRDNREG/VDDA1P8		
Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	48.99999872	mA
Min Limit	-1.50000013	mA

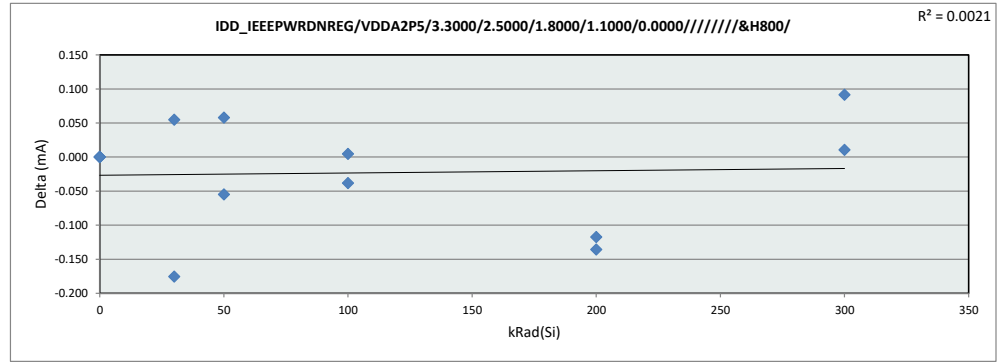
kRad(Si)	0	30	50	100	200	300
LL	-1.500	-1.500	-1.500	-1.500	-1.500	-1.500
Min	0.359	0.231	0.367	0.341	0.340	0.350
Average	0.367	0.279	0.380	0.365	0.352	0.359
Max	0.378	0.327	0.393	0.390	0.365	0.369
UL	49.000	49.000	49.000	49.000	49.000	49.000



TID Report
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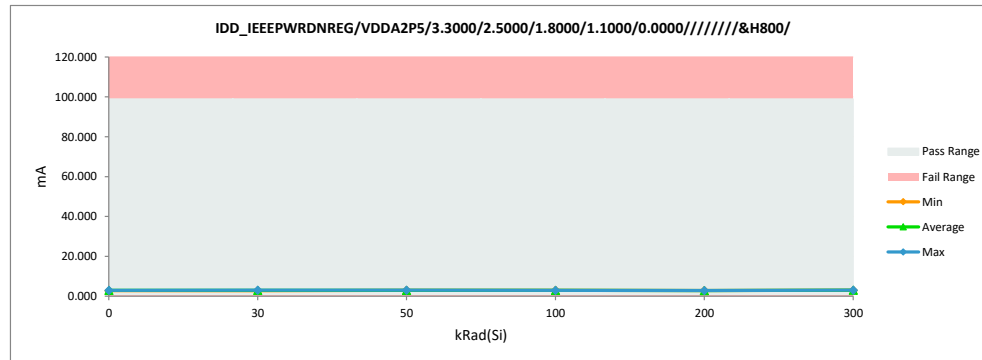
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	98.99999946	98.99999946
Min Limit	0.50000024	0.50000024

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.943	2.943	0.000
0	188A	2.772	2.772	0.000
0	191A	2.950	2.950	0.000
30	181B	2.943	2.998	0.055
30	191B	2.950	2.775	-0.175
50	181C	2.943	3.001	0.058
50	191C	2.950	2.895	-0.055
100	181D	2.943	2.947	0.005
100	191D	2.950	2.912	-0.038
200	181E	2.943	2.807	-0.136
200	191E	2.950	2.833	-0.117
300	181F	2.943	3.034	0.092
300	191F	2.950	2.961	0.011
Max		2.950	3.034	0.092
Average		2.933	2.910	-0.023
Min		2.772	2.772	-0.175
Std Dev		0.049	0.088	0.079



IDD_IEEEPWRDNREG/VDDA2P5/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	98.99999946	mA
Min Limit	0.50000024	mA

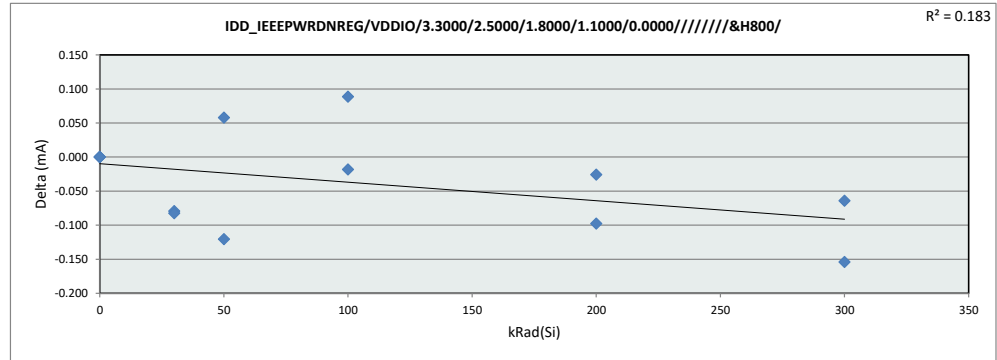
kRad(Si)	0	30	50	100	200	300
LL	0.500	0.500	0.500	0.500	0.500	0.500
Min	2.772	2.775	2.895	2.912	2.807	2.961
Average	2.888	2.886	2.948	2.930	2.820	2.998
Max	2.950	2.998	3.001	2.947	2.833	3.034
UL	99.000	99.000	99.000	99.000	99.000	99.000



TID Report
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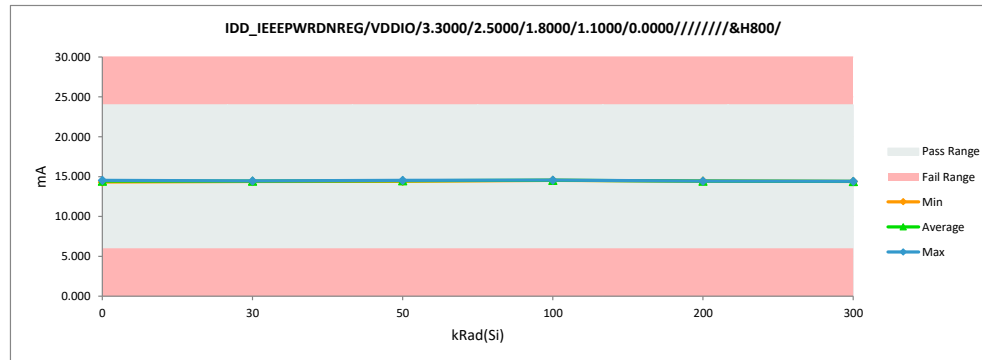
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	24.00000021	24.00000021
Min Limit	6.000000052	6.000000052

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	14.541	14.541	0.000
0	188A	14.317	14.317	0.000
0	191A	14.472	14.472	0.000
30	181B	14.541	14.462	-0.079
30	191B	14.472	14.390	-0.082
50	181C	14.541	14.420	-0.121
50	191C	14.472	14.530	0.058
100	181D	14.541	14.523	-0.018
100	191D	14.472	14.561	0.089
200	181E	14.541	14.443	-0.098
200	191E	14.472	14.446	-0.026
300	181F	14.541	14.387	-0.154
300	191F	14.472	14.408	-0.064
Max		14.541	14.561	0.089
Average		14.492	14.454	-0.038
Min		14.317	14.317	-0.154
Std Dev		0.063	0.071	0.070



IDD_1EEEPWRDNREG/VDDIO/3.3000/2.5000/1.8000/1.1000/0.0000////////&H800/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	24.00000021	mA
Min Limit	6.000000052	mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	14.317	14.390	14.420	14.523	14.443	14.387
Average	14.443	14.426	14.475	14.542	14.445	14.398
Max	14.541	14.462	14.530	14.561	14.446	14.408
UL	24.000	24.000	24.000	24.000	24.000	24.000

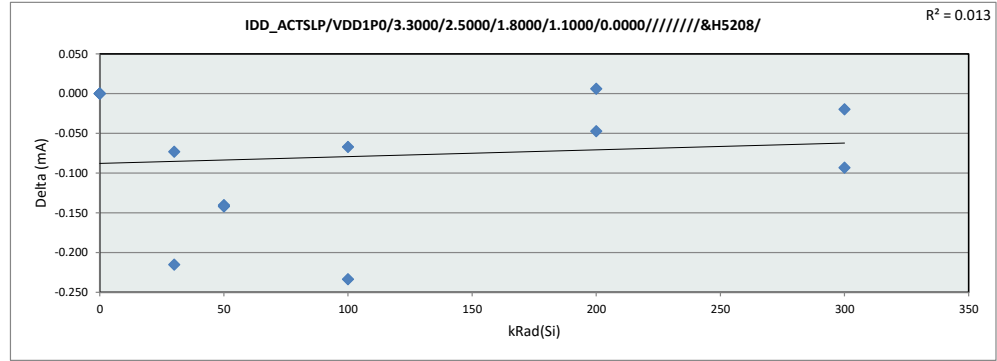


TID Report
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IDD_ACTSLP/VDD1P0/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	10.99999994	10.99999994

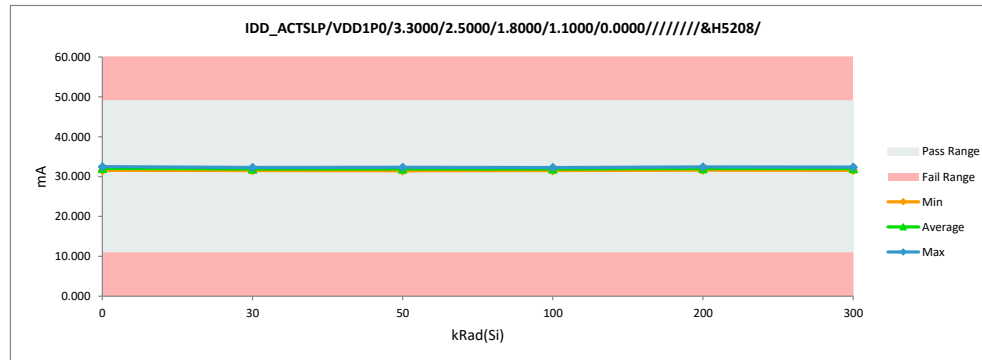
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	32.501	32.501	0.000
0	188A	32.058	32.058	0.000
0	191A	31.587	31.587	0.000
30	181B	32.501	32.286	-0.215
30	191B	31.587	31.513	-0.073
50	181C	32.501	32.360	-0.140
50	191C	31.587	31.445	-0.142
100	181D	32.501	32.267	-0.233
100	191D	31.587	31.520	-0.067
200	181E	32.501	32.453	-0.047
200	191E	31.587	31.593	0.006
300	181F	32.501	32.408	-0.093
300	191F	31.587	31.567	-0.020
Max		32.501	32.501	0.006
Average		32.045	31.966	-0.079
Min		31.587	31.445	-0.233
Std Dev		0.457	0.428	0.082



IDD_ACTSLP/VDD1P0/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	10.99999994 mA

kRad(Si)	0	30	50	100	200	300
LL	11.000	11.000	11.000	11.000	11.000	11.000
Min	31.587	31.513	31.445	31.520	31.593	31.567
Average	32.049	31.900	31.903	31.893	32.023	31.987
Max	32.501	32.286	32.360	32.267	32.453	32.408
UL	49.000	49.000	49.000	49.000	49.000	49.000

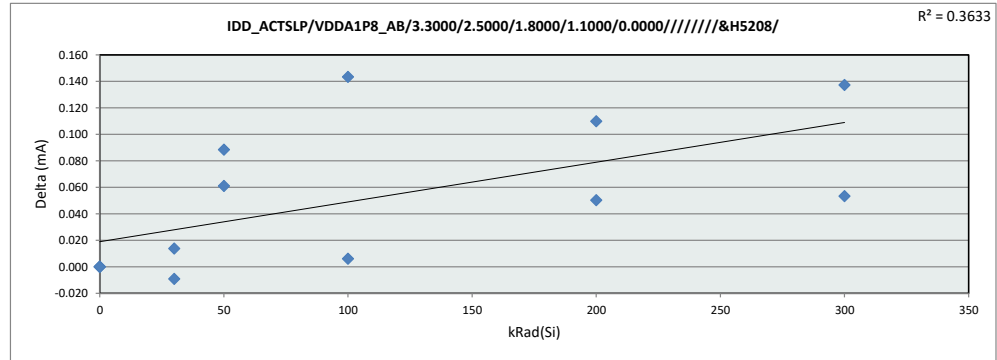


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IDD_ACTSLP/VDDA1P8_AB/3.30

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	17.00000092	17.00000092
Min Limit	1.000000047	1.000000047

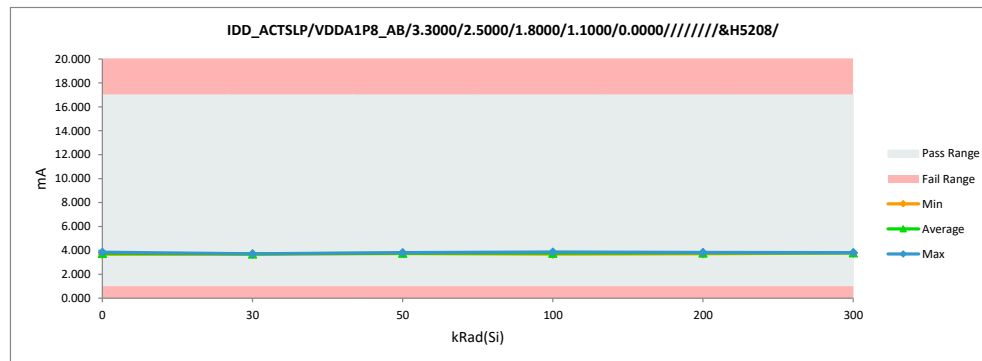
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.721	3.721	0.000
0	188A	3.846	3.846	0.000
0	191A	3.671	3.671	0.000
30	181B	3.721	3.712	-0.009
30	191B	3.671	3.684	0.014
50	181C	3.721	3.809	0.089
50	191C	3.671	3.732	0.061
100	181D	3.721	3.864	0.143
100	191D	3.671	3.677	0.006
200	181E	3.721	3.831	0.110
200	191E	3.671	3.721	0.050
300	181F	3.721	3.774	0.053
300	191F	3.671	3.808	0.137
Max		3.846	3.864	0.143
Average		3.707	3.758	0.050
Min		3.671	3.671	-0.009
Std Dev		0.049	0.068	0.055



IDD_ACTSLP/VDDA1P8_AB/3.30

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	17.00000092 mA
Min Limit	1.000000047 mA

kRad(Si)	0	30	50	100	200	300
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	3.671	3.684	3.732	3.677	3.721	3.774
Average	3.746	3.698	3.770	3.770	3.776	3.791
Max	3.846	3.712	3.809	3.864	3.831	3.808
UL	17.000	17.000	17.000	17.000	17.000	17.000

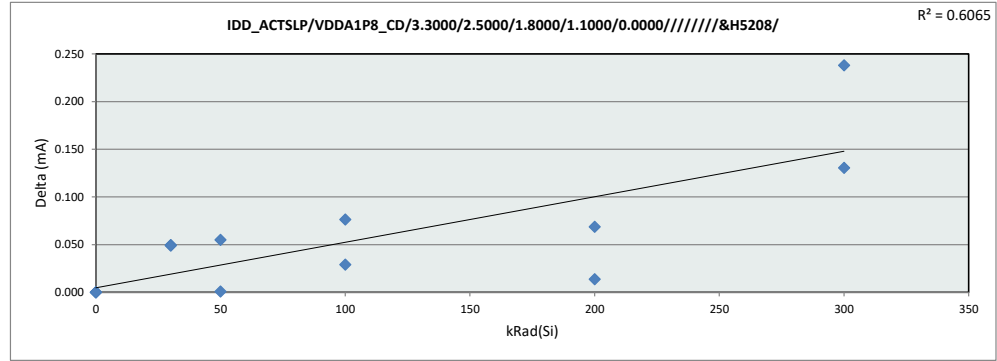


TID Report
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IDD_ACTSLP/VDDA1P8_CD/3.30

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	17.00000092	17.00000092
Min Limit	1.000000047	1.000000047

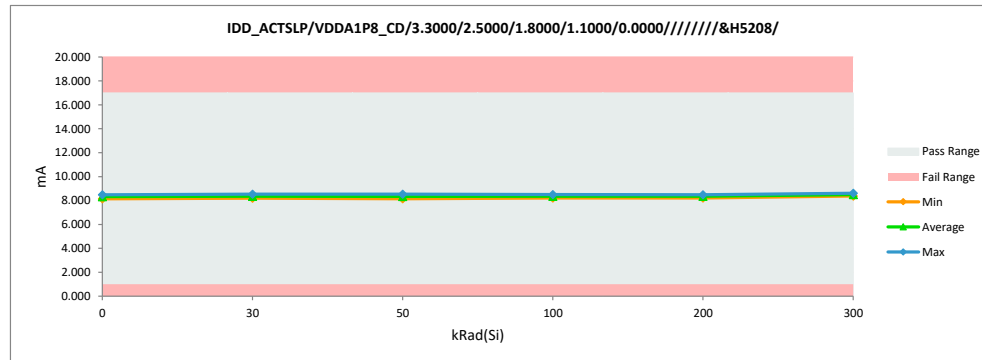
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	8.477	8.477	0.000
0	188A	8.363	8.363	0.000
0	191A	8.141	8.141	0.000
30	181B	8.477	8.527	0.050
30	191B	8.141	8.189	0.049
50	181C	8.477	8.532	0.055
50	191C	8.141	8.141	0.001
100	181D	8.477	8.506	0.029
100	191D	8.141	8.217	0.076
200	181E	8.477	8.491	0.014
200	191E	8.141	8.209	0.069
300	181F	8.477	8.608	0.130
300	191F	8.141	8.379	0.238
Max		8.477	8.608	0.238
Average		8.313	8.368	0.055
Min		8.141	8.141	0.000
Std Dev		0.169	0.168	0.067



IDD_ACTSLP/VDDA1P8_CD/3.30

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	17.00000092 mA
Min Limit	1.000000047 mA

kRad(Si)	0	30	50	100	200	300
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	8.141	8.189	8.141	8.217	8.209	8.379
Average	8.327	8.358	8.337	8.361	8.350	8.493
Max	8.477	8.527	8.532	8.506	8.491	8.608
UL	17.000	17.000	17.000	17.000	17.000	17.000

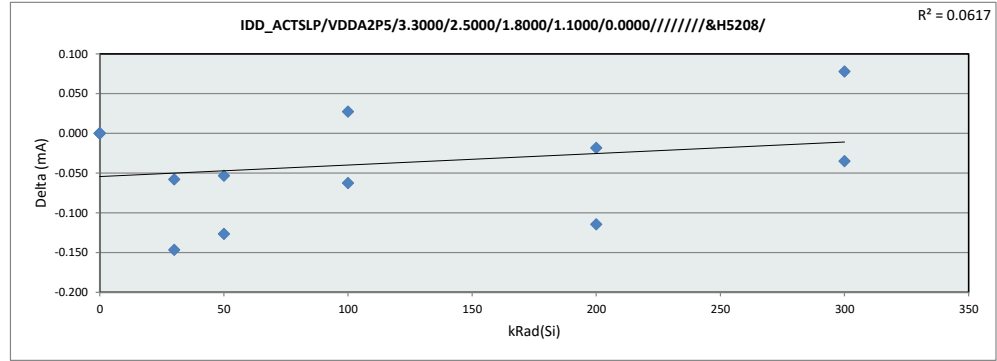


TID Report
DP83561-SP

IDD_ACTSLP/VDDA2P5/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	48.99999872	48.99999872
Min Limit	10.99999994	10.99999994

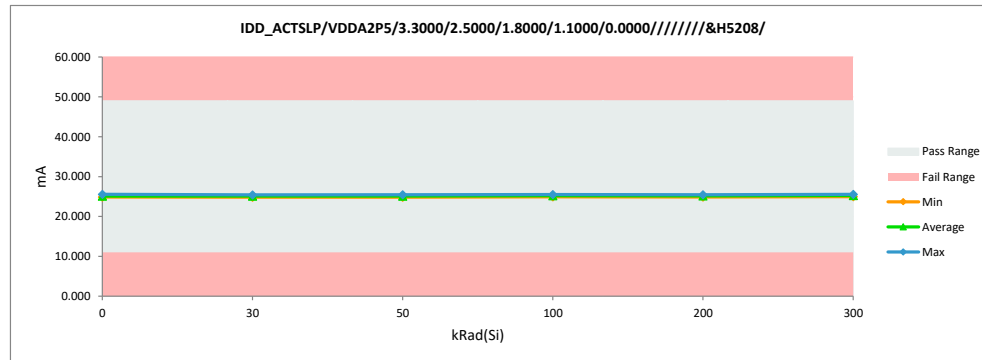
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	24.883	24.883	0.000
0	188A	24.858	24.858	0.000
0	191A	25.564	25.564	0.000
30	181B	24.883	24.825	-0.058
30	191B	25.564	25.418	-0.146
50	181C	24.883	24.830	-0.053
50	191C	25.564	25.437	-0.127
100	181D	24.883	24.911	0.027
100	191D	25.564	25.501	-0.063
200	181E	24.883	24.865	-0.018
200	191E	25.564	25.450	-0.114
300	181F	24.883	24.961	0.078
300	191F	25.564	25.529	-0.035
Max		25.564	25.564	0.078
Average		25.196	25.156	-0.039
Min		24.858	24.825	-0.146
Std Dev		0.355	0.319	0.064



IDD_ACTSLP/VDDA2P5/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	48.99999872 mA
Min Limit	10.99999994 mA

kRad(Si)	0	30	50	100	200	300
LL	11.000	11.000	11.000	11.000	11.000	11.000
Min	24.858	24.825	24.830	24.911	24.865	24.961
Average	25.102	25.121	25.134	25.206	25.157	25.245
Max	25.564	25.418	25.437	25.501	25.450	25.529
UL	49.000	49.000	49.000	49.000	49.000	49.000

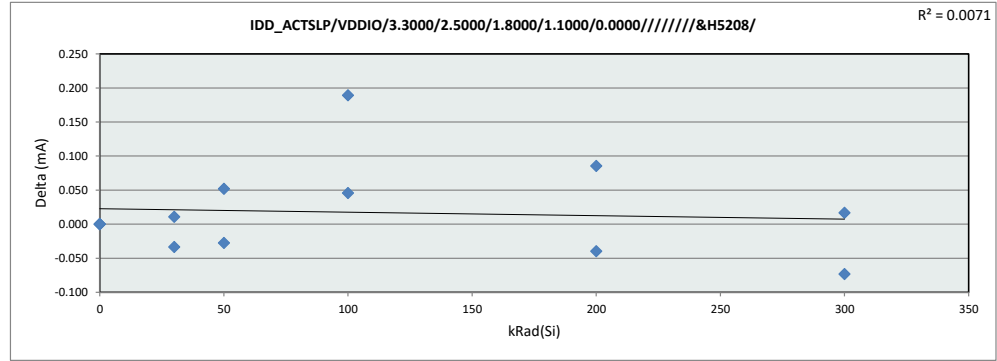


TID Report
DP83561-SP

IDD_ACTSLP/VDDIO/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	24.00000021	24.00000021
Min Limit	6.000000052	6.000000052

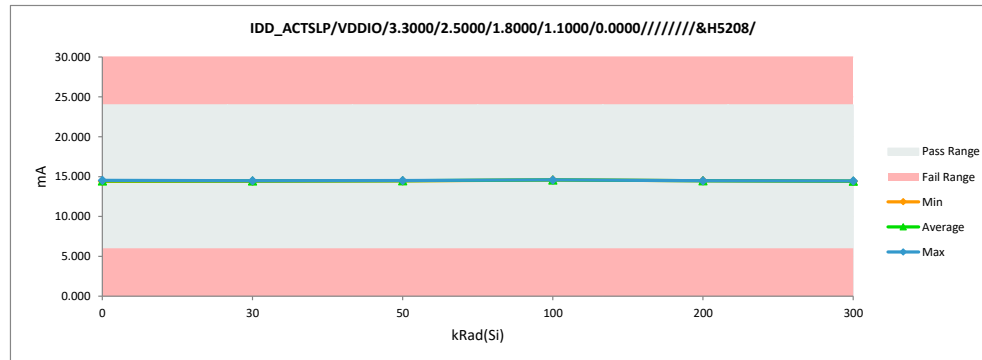
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	14.527	14.527	0.000
0	188A	14.416	14.416	0.000
0	191A	14.402	14.402	0.000
30	181B	14.527	14.494	-0.034
30	191B	14.402	14.413	0.011
50	181C	14.527	14.500	-0.027
50	191C	14.402	14.454	0.052
100	181D	14.527	14.573	0.046
100	191D	14.402	14.591	0.189
200	181E	14.527	14.488	-0.040
200	191E	14.402	14.488	0.085
300	181F	14.527	14.454	-0.073
300	191F	14.402	14.419	0.017
Max		14.527	14.591	0.189
Average		14.461	14.478	0.017
Min		14.402	14.402	-0.073
Std Dev		0.064	0.060	0.067



IDD_ACTSLP/VDDIO/3.3000/2.5

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	24.00000021 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	14.402	14.413	14.454	14.573	14.488	14.419
Average	14.448	14.453	14.477	14.582	14.488	14.436
Max	14.527	14.494	14.500	14.591	14.488	14.454
UL	24.000	24.000	24.000	24.000	24.000	24.000

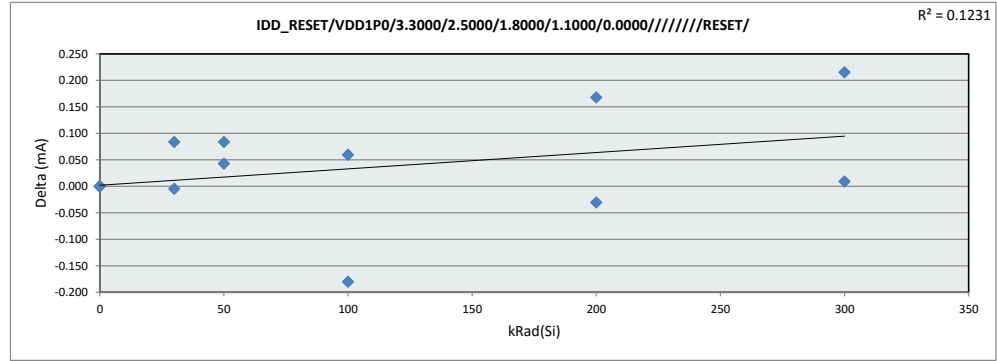


TID Report
DP83561-SP

IDD_RESET/VDD1P0/3.3000/2.5000/1.8000/1.1000/0.0000/////////RESET/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	39.0000008	39.0000008
Min Limit	10.99999994	10.99999994

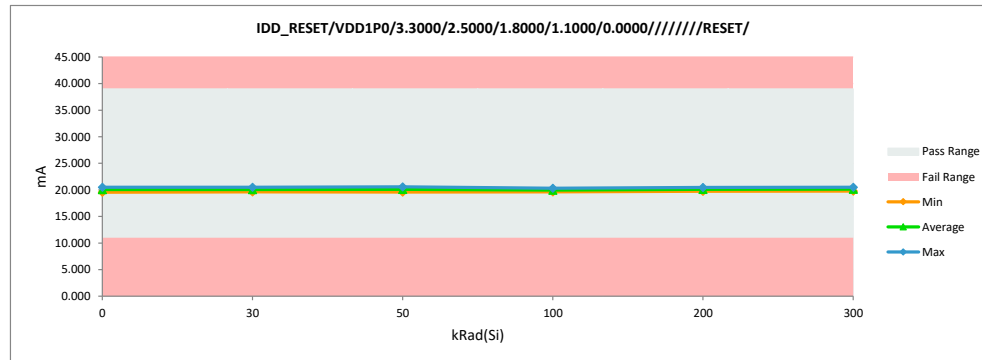
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	20.490	20.490	0.000
0	188A	20.184	20.184	0.000
0	191A	19.558	19.558	0.000
30	181B	20.490	20.486	-0.005
30	191B	19.558	19.642	0.084
50	181C	20.490	20.574	0.084
50	191C	19.558	19.601	0.043
100	181D	20.490	20.310	-0.180
100	191D	19.558	19.618	0.060
200	181E	20.490	20.460	-0.031
200	191E	19.558	19.726	0.168
300	181F	20.490	20.500	0.009
300	191F	19.558	19.773	0.215
	Max	20.490	20.574	0.215
	Average	20.037	20.071	0.034
	Min	19.558	19.558	-0.180
	Std Dev	0.468	0.417	0.097



IDD_RESET/VDD1P0/3.3000/2.5000/1.8000/1.1000/0.0000/////////RESET/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	39.0000008 mA
Min Limit	10.99999994 mA

kRad(Si)	0	30	50	100	200	300
LL	11.000	11.000	11.000	11.000	11.000	11.000
Min	19.558	19.642	19.601	19.618	19.726	19.773
Average	20.077	20.064	20.088	19.964	20.093	20.136
Max	20.490	20.486	20.574	20.310	20.460	20.500
UL	39.000	39.000	39.000	39.000	39.000	39.000

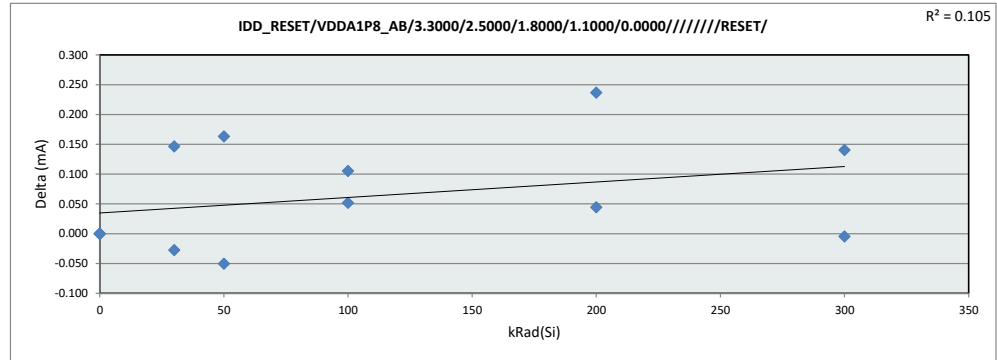


TID Report
DP83561-SP

IDD_RESET/VDDA1P8_AB/3.300

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	4.00000019	4.00000019
Min Limit	-1.50000013	-1.50000013

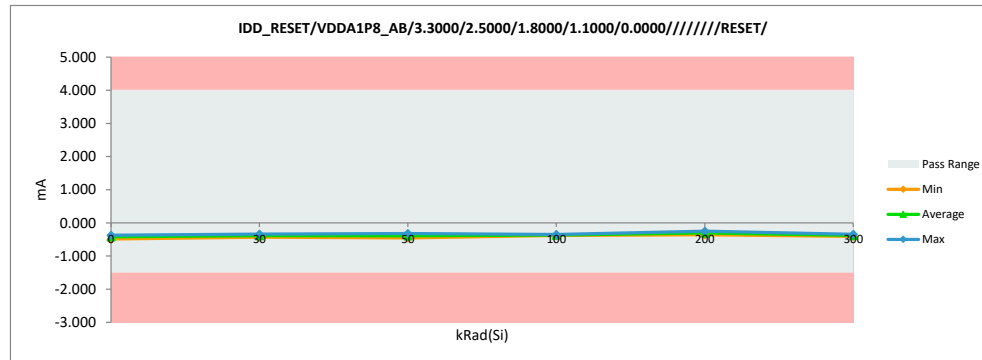
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.402	-0.402	0.000
0	188A	-0.372	-0.372	0.000
0	191A	-0.486	-0.486	0.000
30	181B	-0.402	-0.430	-0.027
30	191B	-0.486	-0.340	0.146
50	181C	-0.402	-0.452	-0.050
50	191C	-0.486	-0.323	0.163
100	181D	-0.402	-0.350	0.052
100	191D	-0.486	-0.381	0.105
200	181E	-0.402	-0.358	0.044
200	191E	-0.486	-0.249	0.237
300	181F	-0.402	-0.407	-0.005
300	191F	-0.486	-0.346	0.140
Max		-0.372	-0.249	0.237
Average		-0.438	-0.376	0.062
Min		-0.486	-0.486	-0.050
Std Dev		0.047	0.061	0.088



IDD_RESET/VDDA1P8_AB/3.300

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	4.00000019 mA
Min Limit	-1.50000013 mA

kRad(Si)	0	30	50	100	200	300
LL	-1.500	-1.500	-1.500	-1.500	-1.500	-1.500
Min	-0.486	-0.430	-0.452	-0.381	-0.358	-0.407
Average	-0.420	-0.385	-0.388	-0.365	-0.304	-0.376
Max	-0.372	-0.340	-0.323	-0.350	-0.249	-0.346
UL	4.000	4.000	4.000	4.000	4.000	4.000

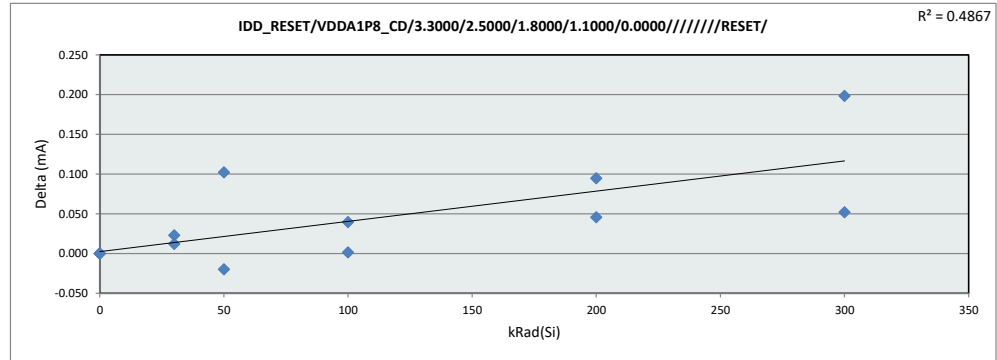


TID Report
DP83561-SP

IDD_RESET/VDDA1P8_CD/3.300

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	4.00000019	4.00000019
Min Limit	-1.50000013	-1.50000013

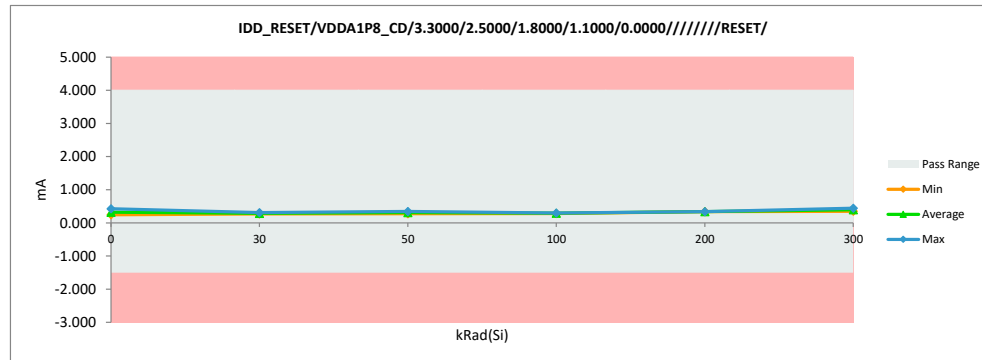
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.245	0.245	0.000
0	188A	0.430	0.430	0.000
0	191A	0.297	0.297	0.000
30	181B	0.245	0.268	0.023
30	191B	0.297	0.309	0.012
50	181C	0.245	0.347	0.102
50	191C	0.297	0.277	-0.020
100	181D	0.245	0.285	0.040
100	191D	0.297	0.298	0.002
200	181E	0.245	0.340	0.095
200	191E	0.297	0.343	0.046
300	181F	0.245	0.443	0.198
300	191F	0.297	0.349	0.052
Max		0.430	0.443	0.198
Average		0.283	0.325	0.042
Min		0.245	0.245	-0.020
Std Dev		0.051	0.059	0.060



IDD_RESET/VDDA1P8_CD/3.300

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	4.00000019 mA
Min Limit	-1.50000013 mA

kRad(Si)	0	30	50	100	200	300
LL	-1.500	-1.500	-1.500	-1.500	-1.500	-1.500
Min	0.245	0.268	0.277	0.285	0.340	0.349
Average	0.324	0.288	0.312	0.291	0.341	0.396
Max	0.430	0.309	0.347	0.298	0.343	0.443
UL	4.000	4.000	4.000	4.000	4.000	4.000

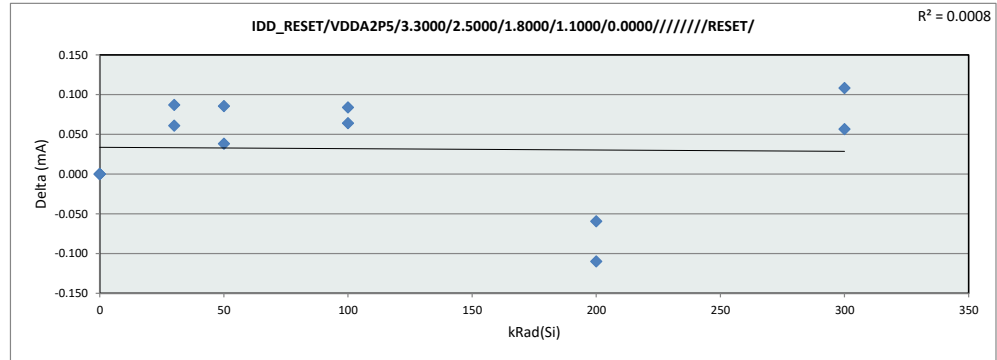


TID Report
DP83561-SP

IDD_RESET/VDDA2P5/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	8.999999613	8.999999613
Min Limit	0.500000024	0.500000024

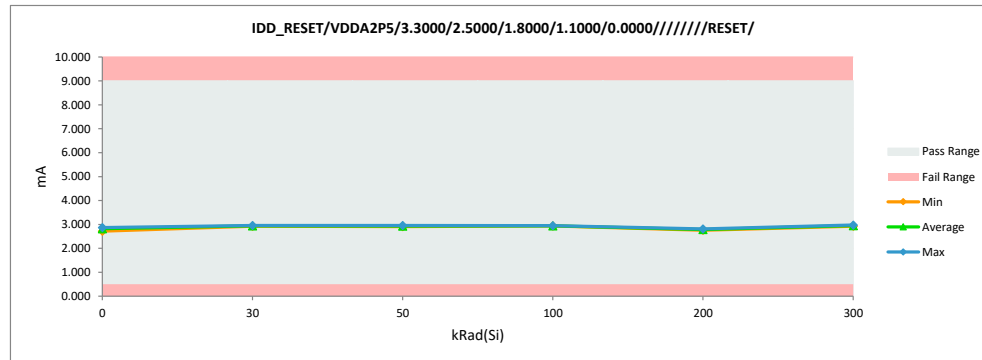
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.868	2.868	0.000
0	188A	2.718	2.718	0.000
0	191A	2.872	2.872	0.000
30	181B	2.868	2.929	0.061
30	191B	2.872	2.959	0.087
50	181C	2.868	2.906	0.038
50	191C	2.872	2.958	0.085
100	181D	2.868	2.952	0.084
100	191D	2.872	2.937	0.064
200	181E	2.868	2.758	-0.110
200	191E	2.872	2.813	-0.060
300	181F	2.868	2.976	0.108
300	191F	2.872	2.929	0.056
Max		2.872	2.976	0.108
Average		2.859	2.890	0.032
Min		2.718	2.718	-0.110
Std Dev		0.042	0.082	0.064



IDD_RESET/VDDA2P5/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	8.999999613 mA
Min Limit	0.500000024 mA

kRad(Si)	0	30	50	100	200	300
LL	0.500	0.500	0.500	0.500	0.500	0.500
Min	2.718	2.929	2.906	2.937	2.758	2.929
Average	2.820	2.944	2.932	2.944	2.786	2.953
Max	2.872	2.959	2.958	2.952	2.813	2.976
UL	9.000	9.000	9.000	9.000	9.000	9.000

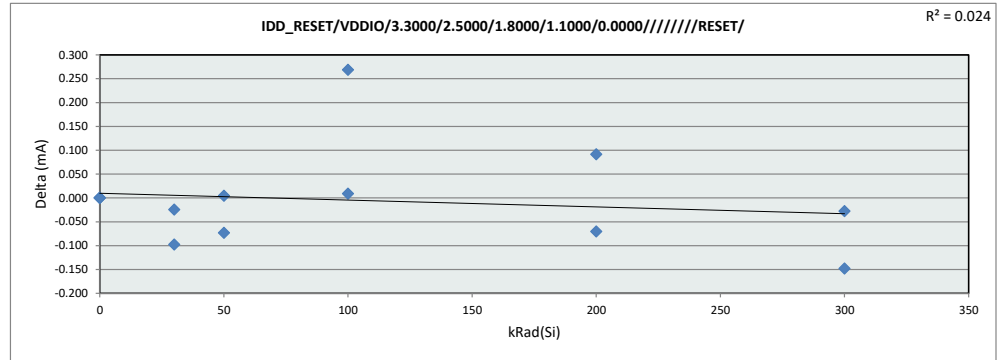


TID Report
DP83561-SP

IDD_RESET/VDDIO/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	mA	mA
Max Limit	24.00000021	24.00000021
Min Limit	6.000000052	6.000000052

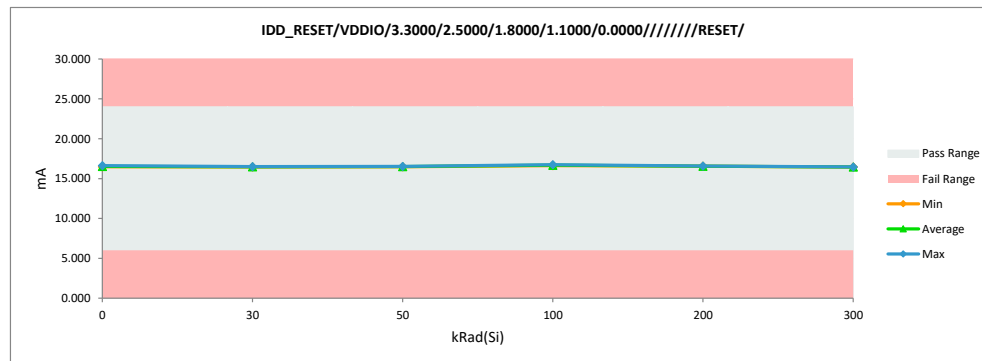
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	16.615	16.615	0.000
0	188A	16.505	16.505	0.000
0	191A	16.476	16.476	0.000
30	181B	16.615	16.517	-0.098
30	191B	16.476	16.451	-0.024
50	181C	16.615	16.541	-0.073
50	191C	16.476	16.480	0.005
100	181D	16.615	16.624	0.009
100	191D	16.476	16.744	0.269
200	181E	16.615	16.544	-0.070
200	191E	16.476	16.567	0.092
300	181F	16.615	16.467	-0.148
300	191F	16.476	16.448	-0.027
Max		16.615	16.744	0.269
Average		16.542	16.537	-0.005
Min		16.476	16.448	-0.148
Std Dev		0.070	0.085	0.101



IDD_RESET/VDDIO/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	24.00000021 mA
Min Limit	6.000000052 mA

kRad(Si)	0	30	50	100	200	300
LL	6.000	6.000	6.000	6.000	6.000	6.000
Min	16.476	16.451	16.480	16.624	16.544	16.448
Average	16.532	16.484	16.511	16.684	16.556	16.457
Max	16.615	16.517	16.541	16.744	16.567	16.467
UL	24.000	24.000	24.000	24.000	24.000	24.000

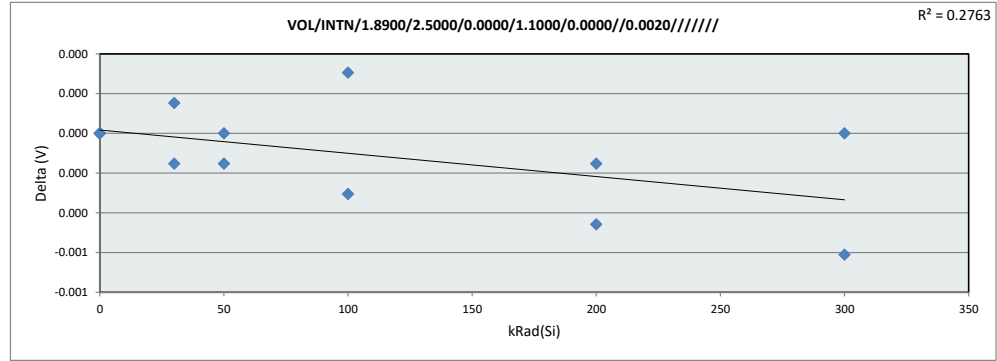


TID Report
DP83561-SP

VOL/INTN/1.8900/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

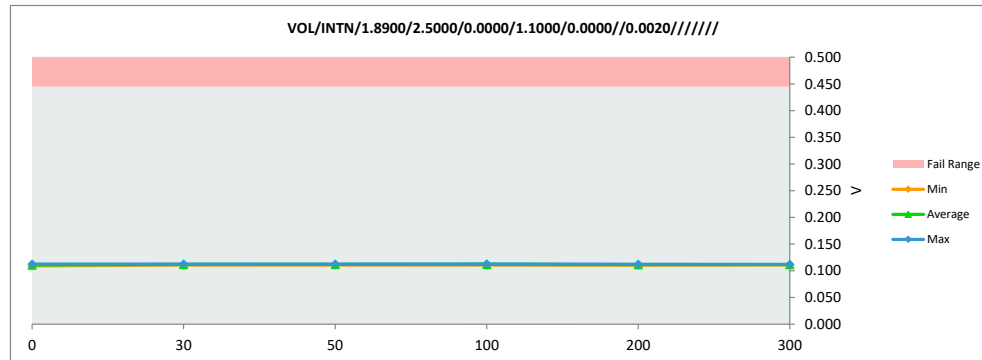
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.111	0.111	0.000
0	188A	0.109	0.109	0.000
0	191A	0.113	0.113	0.000
30	181B	0.111	0.111	0.000
30	191B	0.113	0.113	0.000
50	181C	0.111	0.111	0.000
50	191C	0.113	0.113	0.000
100	181D	0.111	0.111	0.000
100	191D	0.113	0.113	0.000
200	181E	0.111	0.111	0.000
200	191E	0.113	0.112	0.000
300	181F	0.111	0.111	0.000
300	191F	0.113	0.112	-0.001
Max		0.113	0.113	0.000
Average		0.112	0.111	0.000
Min		0.109	0.109	-0.001
Std Dev		0.001	0.001	0.000



VOL/INTN/1.8900/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.109	0.111	0.111	0.111	0.111	0.111
Average	0.111	0.112	0.112	0.112	0.111	0.111
Max	0.113	0.113	0.113	0.113	0.112	0.112
UL	0.445	0.445	0.445	0.445	0.445	0.445

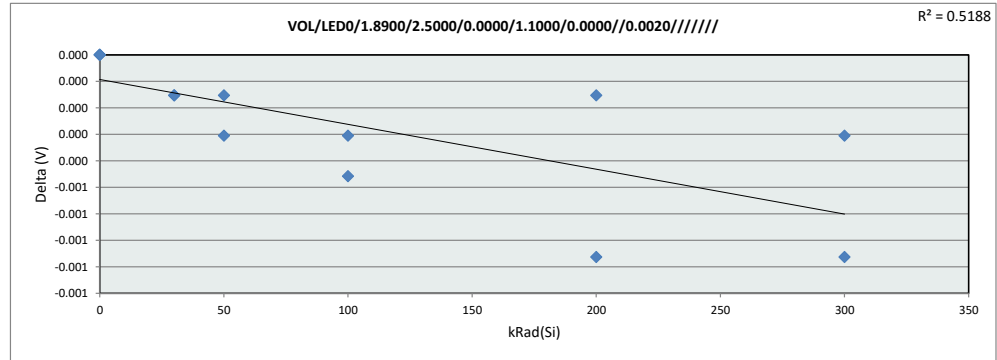


TID Report
DP83561-SP

VOL/LED0/1.8900/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

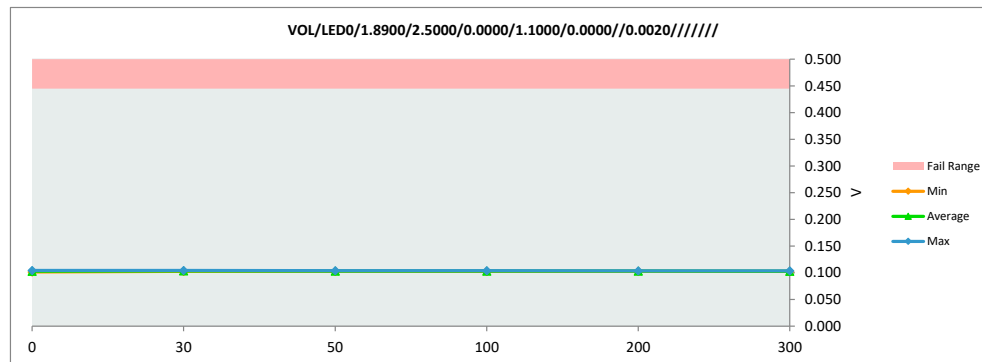
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.101	0.101	0.000
0	191A	0.104	0.104	0.000
30	181B	0.103	0.103	0.000
30	191B	0.104	0.104	0.000
50	181C	0.103	0.103	0.000
50	191C	0.104	0.104	0.000
100	181D	0.103	0.102	0.000
100	191D	0.104	0.104	0.000
200	181E	0.103	0.103	0.000
200	191E	0.104	0.104	-0.001
300	181F	0.103	0.103	0.000
300	191F	0.104	0.104	-0.001
Max		0.104	0.104	0.000
Average		0.103	0.103	0.000
Min		0.101	0.101	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED0/1.8900/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.101	0.103	0.103	0.102	0.103	0.103
Average	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.104	0.104	0.104	0.104	0.104	0.104
UL	0.445	0.445	0.445	0.445	0.445	0.445

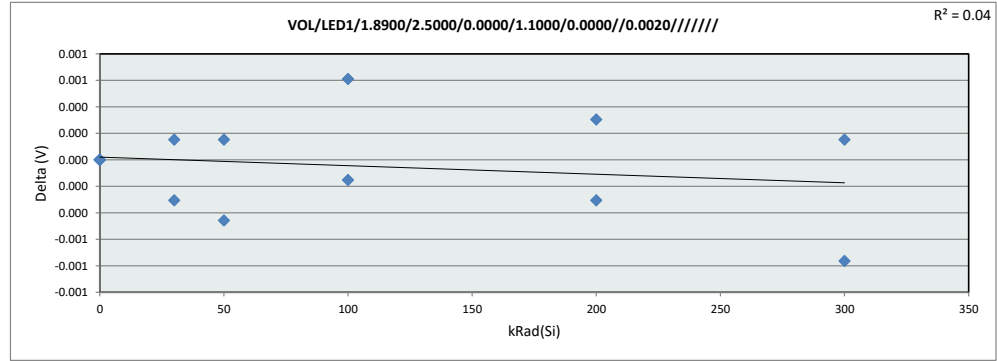


TID Report
DP83561-SP

VOL/LED1/1.8900/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

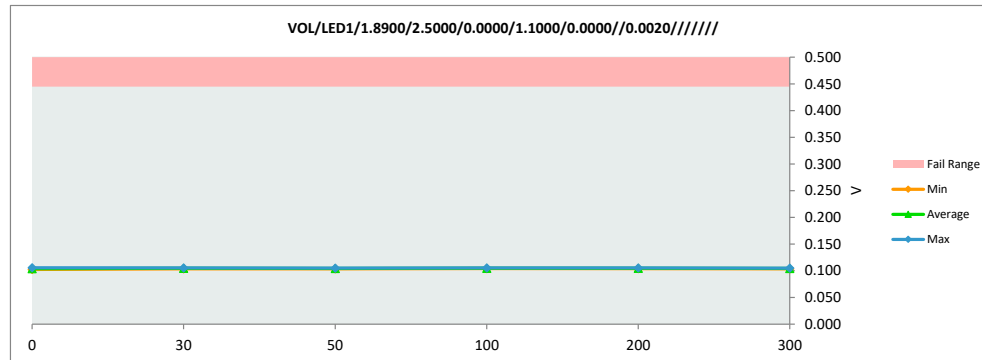
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.104	0.104	0.000
0	188A	0.102	0.102	0.000
0	191A	0.106	0.106	0.000
30	181B	0.104	0.104	0.000
30	191B	0.106	0.105	0.000
50	181C	0.104	0.104	0.000
50	191C	0.106	0.105	0.000
100	181D	0.104	0.104	0.001
100	191D	0.106	0.106	0.000
200	181E	0.104	0.104	0.000
200	191E	0.106	0.105	0.000
300	181F	0.104	0.104	0.000
300	191F	0.106	0.105	-0.001
Max		0.106	0.106	0.001
Average		0.104	0.104	0.000
Min		0.102	0.102	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED1/1.8900/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

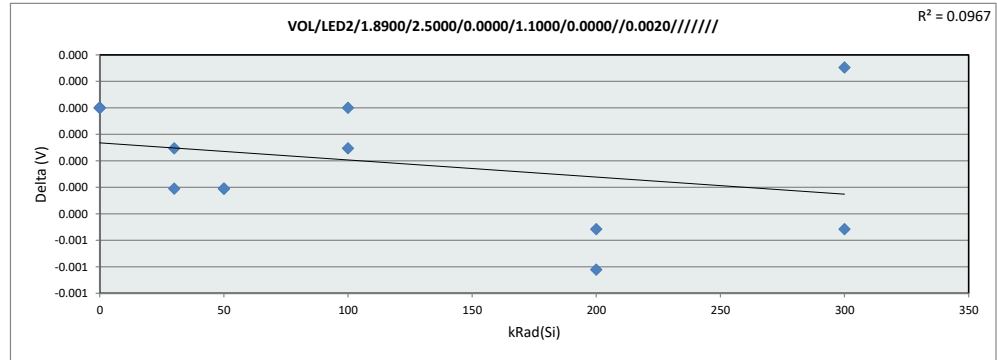
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.104	0.104	0.104	0.104	0.104
Average	0.104	0.105	0.104	0.105	0.105	0.104
Max	0.106	0.105	0.105	0.106	0.105	0.105
UL	0.445	0.445	0.445	0.445	0.445	0.445



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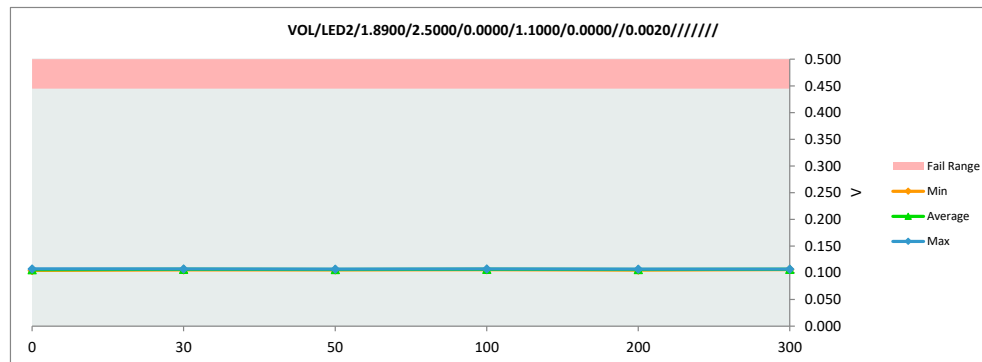
VOL/LED2/1.8900/2.5000/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.106	0.106	0.000
0	188A	0.104	0.104	0.000
0	191A	0.107	0.107	0.000
30	181B	0.106	0.105	0.000
30	191B	0.107	0.107	0.000
50	181C	0.106	0.105	0.000
50	191C	0.107	0.107	0.000
100	181D	0.106	0.106	0.000
100	191D	0.107	0.107	0.000
200	181E	0.106	0.105	-0.001
200	191E	0.107	0.107	0.000
300	181F	0.106	0.106	0.000
300	191F	0.107	0.107	0.000
Max		0.107	0.107	0.000
Average		0.106	0.106	0.000
Min		0.104	0.104	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED2/1.8900/2.5000/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.444999993	V
Min Limit		V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.104	0.105	0.105	0.106	0.105	0.106
Average	0.106	0.106	0.106	0.106	0.106	0.106
Max	0.107	0.107	0.107	0.107	0.107	0.107
UL	0.445	0.445	0.445	0.445	0.445	0.445

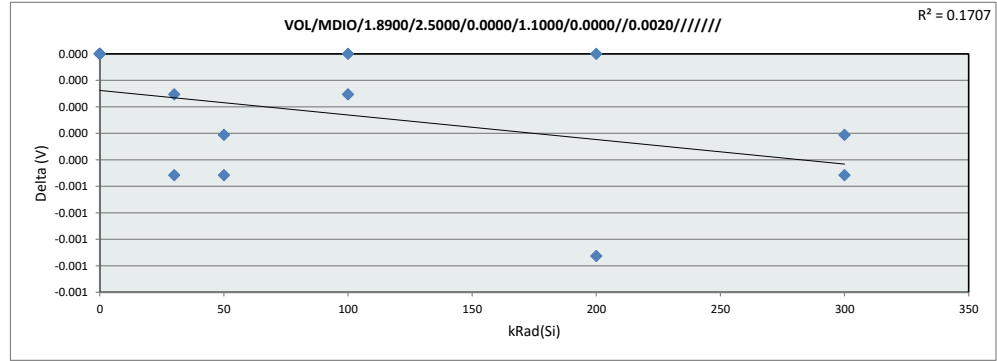


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VOL/MDIO/1.8900/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

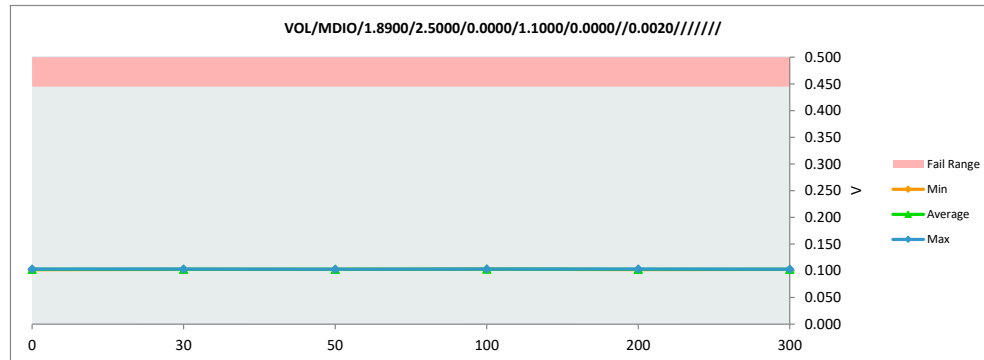
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.102	0.102	0.000
0	191A	0.103	0.103	0.000
30	181B	0.103	0.103	0.000
30	191B	0.103	0.103	0.000
50	181C	0.103	0.103	0.000
50	191C	0.103	0.103	0.000
100	181D	0.103	0.103	0.000
100	191D	0.103	0.103	0.000
200	181E	0.103	0.102	-0.001
200	191E	0.103	0.103	0.000
300	181F	0.103	0.103	0.000
300	191F	0.103	0.103	0.000
Max		0.103	0.103	0.000
Average		0.103	0.103	0.000
Min		0.102	0.102	-0.001
Std Dev		0.000	0.000	0.000



VOL/MDIO/1.8900/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.103	0.103	0.103	0.102	0.103
Average	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.103	0.103	0.103	0.103	0.103	0.103
UL	0.445	0.445	0.445	0.445	0.445	0.445

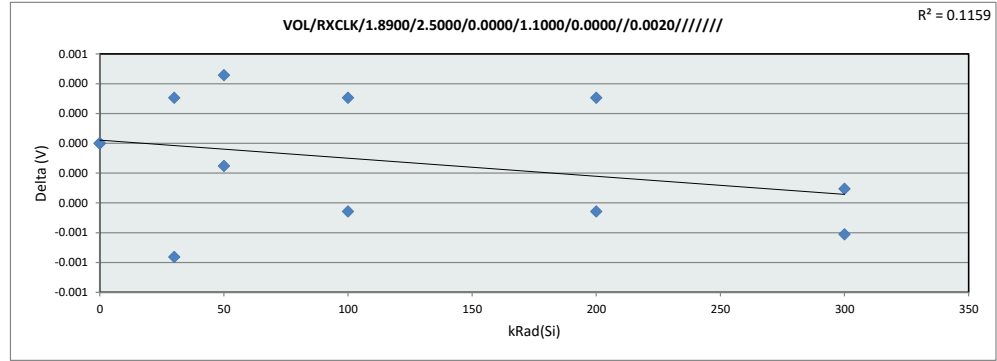


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VOL/RXCLK/1.8900/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

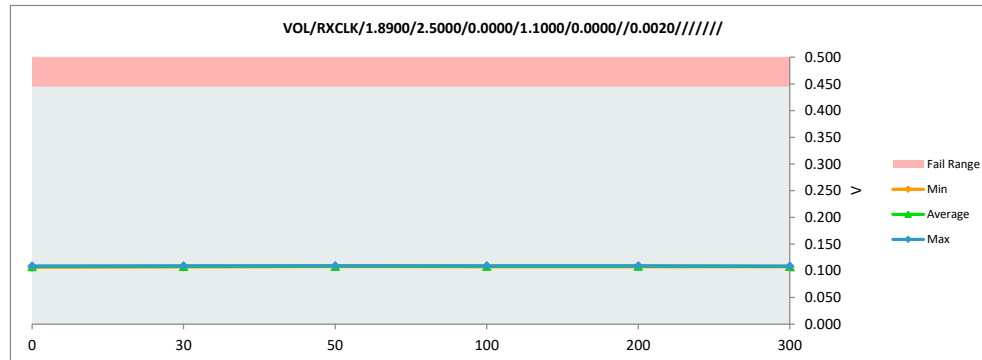
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.109	0.109	0.000
0	188A	0.107	0.107	0.000
0	191A	0.108	0.108	0.000
30	181B	0.109	0.109	0.000
30	191B	0.108	0.107	-0.001
50	181C	0.109	0.109	0.000
50	191C	0.108	0.108	0.000
100	181D	0.109	0.109	0.000
100	191D	0.108	0.108	0.000
200	181E	0.109	0.109	0.000
200	191E	0.108	0.108	0.000
300	181F	0.109	0.109	0.000
300	191F	0.108	0.108	-0.001
	Max	0.109	0.109	0.000
	Average	0.108	0.108	0.000
	Min	0.107	0.107	-0.001
	Std Dev	0.001	0.001	0.000



VOL/RXCLK/1.8900/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	0.444999993	V
Min Limit		V

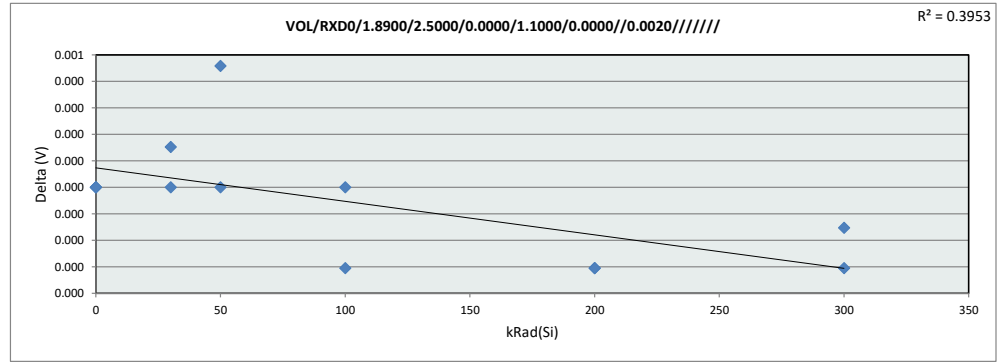
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.107	0.108	0.108	0.108	0.108
Average	0.108	0.108	0.109	0.109	0.109	0.108
Max	0.109	0.109	0.109	0.109	0.109	0.109
UL	0.445	0.445	0.445	0.445	0.445	0.445



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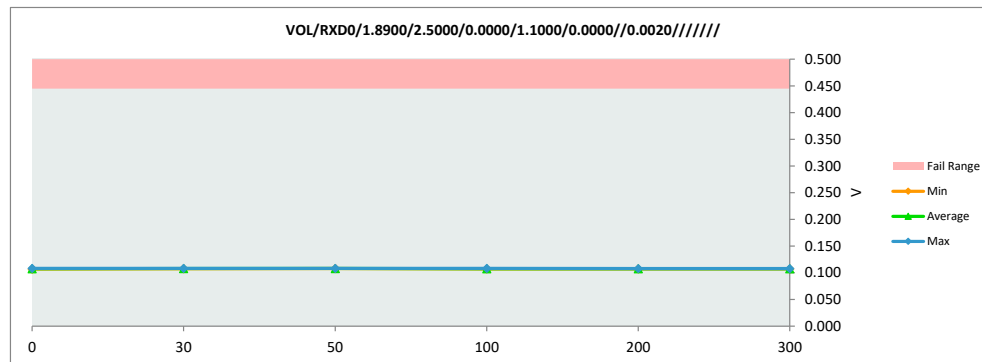
VOL/RXD0/1.8900/2.5000/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.107	0.107	0.000
0	188A	0.107	0.107	0.000
0	191A	0.108	0.108	0.000
30	181B	0.107	0.108	0.000
30	191B	0.108	0.108	0.000
50	181C	0.107	0.108	0.000
50	191C	0.108	0.108	0.000
100	181D	0.107	0.107	0.000
100	191D	0.108	0.108	0.000
200	181E	0.107	0.107	0.000
200	191E	0.108	0.108	0.000
300	181F	0.107	0.107	0.000
300	191F	0.108	0.108	0.000
Max		0.108	0.108	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	0.000
Std Dev		0.000	0.000	0.000



VOL/RXD0/1.8900/2.5000/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.444999993	V
Min Limit		V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.107	0.107	0.107
Average	0.108	0.108	0.108	0.108	0.108	0.108
Max	0.108	0.108	0.108	0.108	0.108	0.108
UL	0.445	0.445	0.445	0.445	0.445	0.445

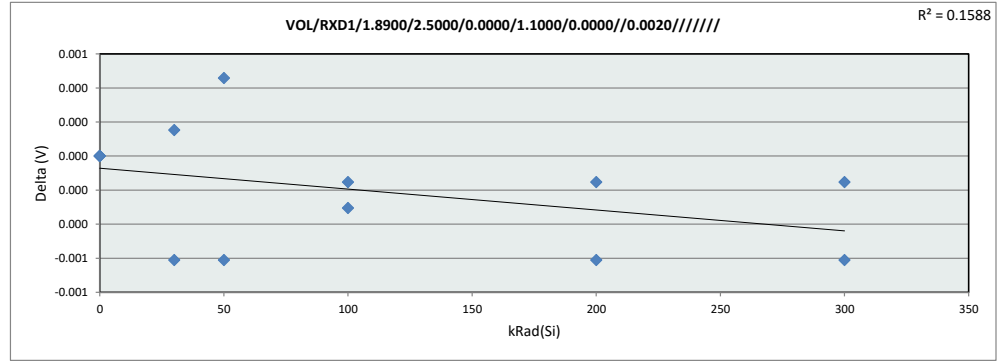


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VOL/RXD1/1.8900/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

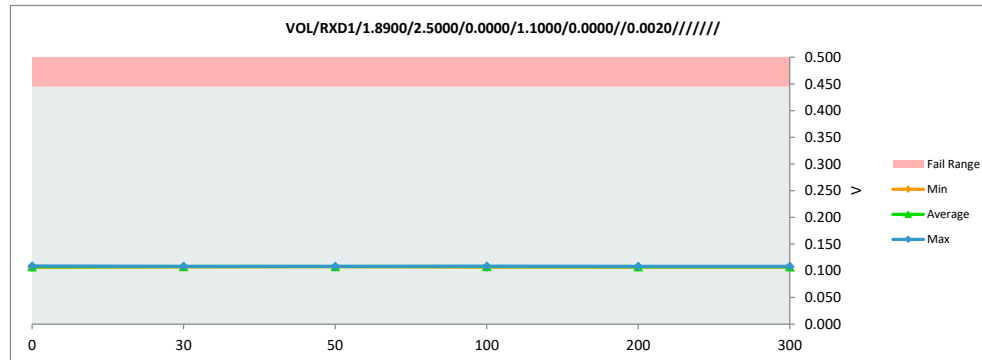
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.107	0.107	0.000
0	188A	0.107	0.107	0.000
0	191A	0.109	0.109	0.000
30	181B	0.107	0.107	0.000
30	191B	0.109	0.108	-0.001
50	181C	0.107	0.108	0.000
50	191C	0.109	0.108	-0.001
100	181D	0.107	0.107	0.000
100	191D	0.109	0.109	0.000
200	181E	0.107	0.107	0.000
200	191E	0.109	0.108	-0.001
300	181F	0.107	0.107	0.000
300	191F	0.109	0.108	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD1/1.8900/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.107	0.108	0.107	0.107	0.107
Average	0.108	0.108	0.108	0.108	0.108	0.108
Max	0.109	0.108	0.108	0.109	0.108	0.108
UL	0.445	0.445	0.445	0.445	0.445	0.445

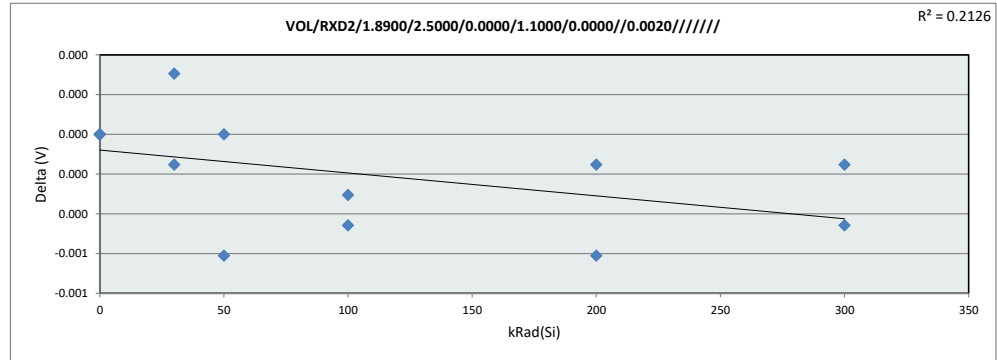


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VOL/RXD2/1.8900/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

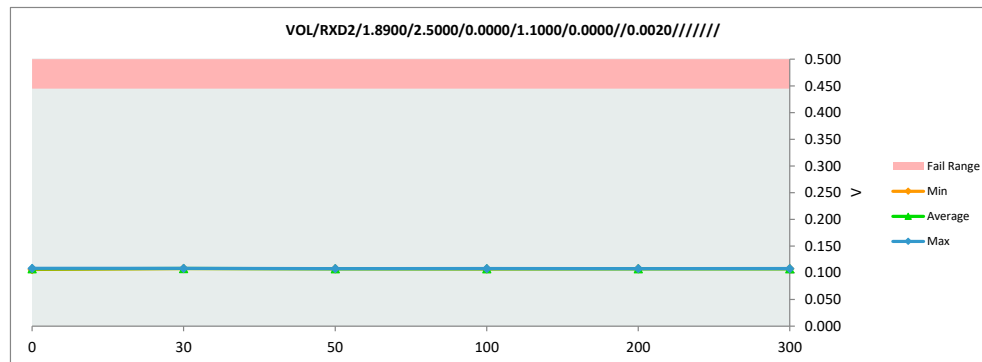
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.106	0.106	0.000
0	191A	0.108	0.108	0.000
30	181B	0.108	0.108	0.000
30	191B	0.108	0.108	0.000
50	181C	0.108	0.108	0.000
50	191C	0.108	0.108	-0.001
100	181D	0.108	0.107	0.000
100	191D	0.108	0.108	0.000
200	181E	0.108	0.107	0.000
200	191E	0.108	0.108	-0.001
300	181F	0.108	0.107	0.000
300	191F	0.108	0.108	0.000
Max		0.108	0.108	0.000
Average		0.108	0.108	0.000
Min		0.106	0.106	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD2/1.8900/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.106	0.108	0.108	0.107	0.107	0.107
Average	0.107	0.108	0.108	0.108	0.108	0.108
Max	0.108	0.108	0.108	0.108	0.108	0.108
UL	0.445	0.445	0.445	0.445	0.445	0.445

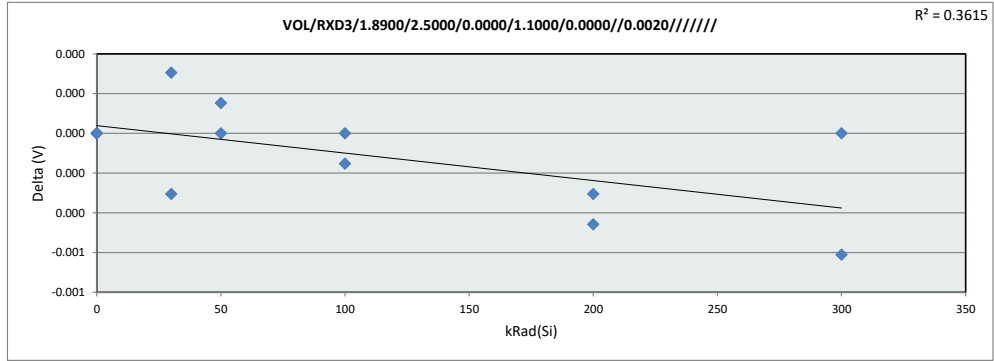


TID Report
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VOL/RXD3/1.8900/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

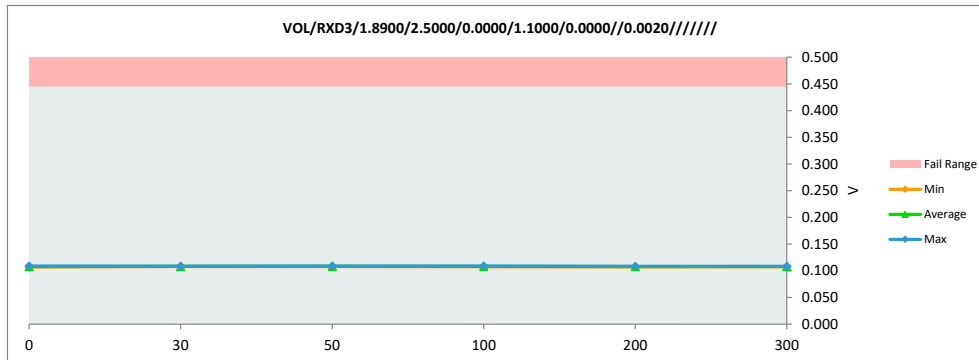
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.107	0.107	0.000
0	191A	0.109	0.109	0.000
30	181B	0.108	0.108	0.000
30	191B	0.109	0.109	0.000
50	181C	0.108	0.108	0.000
50	191C	0.109	0.109	0.000
100	181D	0.108	0.108	0.000
100	191D	0.109	0.109	0.000
200	181E	0.108	0.107	0.000
200	191E	0.109	0.108	0.000
300	181F	0.108	0.108	0.000
300	191F	0.109	0.108	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD3/1.8900/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.444999993 V
Min Limit	V

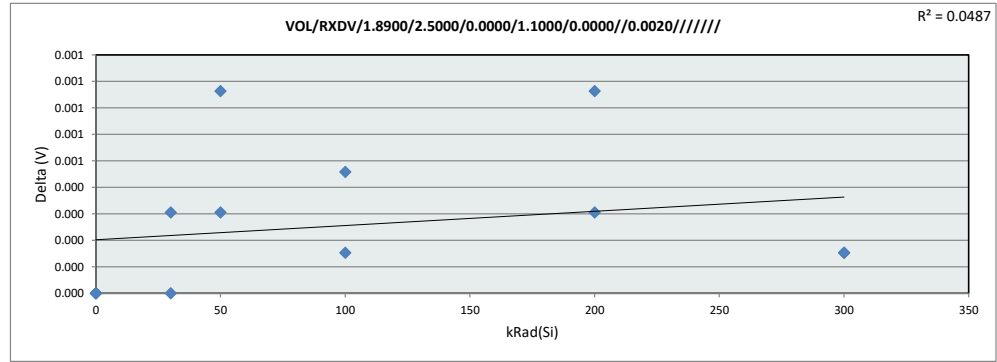
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.108	0.107	0.108
Average	0.108	0.108	0.108	0.108	0.108	0.108
Max	0.109	0.109	0.109	0.109	0.108	0.108
UL	0.445	0.445	0.445	0.445	0.445	0.445



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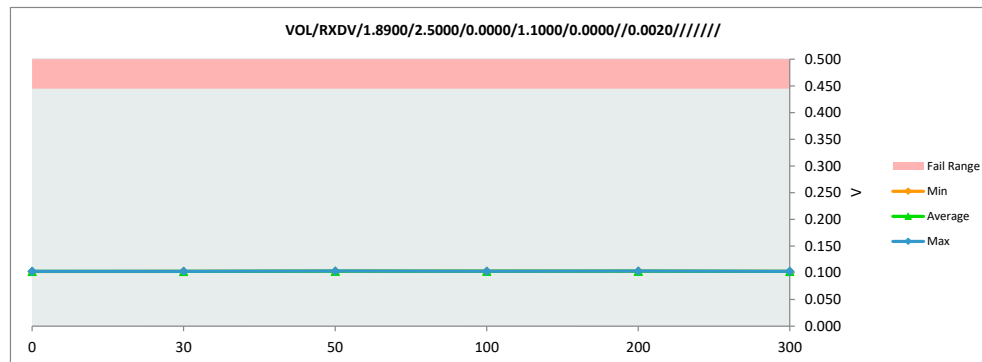
VOL/RXDV/1.8900/2.5000/0.00		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.444999993	0.444999993
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.103	0.103	0.000
0	191A	0.102	0.102	0.000
30	181B	0.103	0.103	0.000
30	191B	0.102	0.103	0.000
50	181C	0.103	0.103	0.001
50	191C	0.102	0.103	0.000
100	181D	0.103	0.103	0.000
100	191D	0.102	0.103	0.000
200	181E	0.103	0.103	0.000
200	191E	0.102	0.103	0.001
300	181F	0.103	0.103	0.000
300	191F	0.102	0.103	0.000
Max		0.103	0.103	0.001
Average		0.102	0.103	0.000
Min		0.102	0.102	0.000
Std Dev		0.000	0.000	0.000



VOL/RXDV/1.8900/2.5000/0.00		
Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	0.444999993	V
Min Limit		V

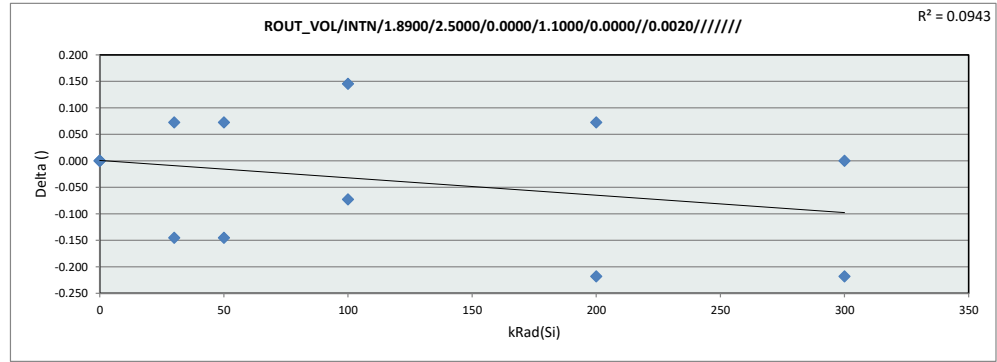
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.103	0.103	0.103	0.103	0.103
Average	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.103	0.103	0.103	0.103	0.103	0.103
UL	0.445	0.445	0.445	0.445	0.445	0.445



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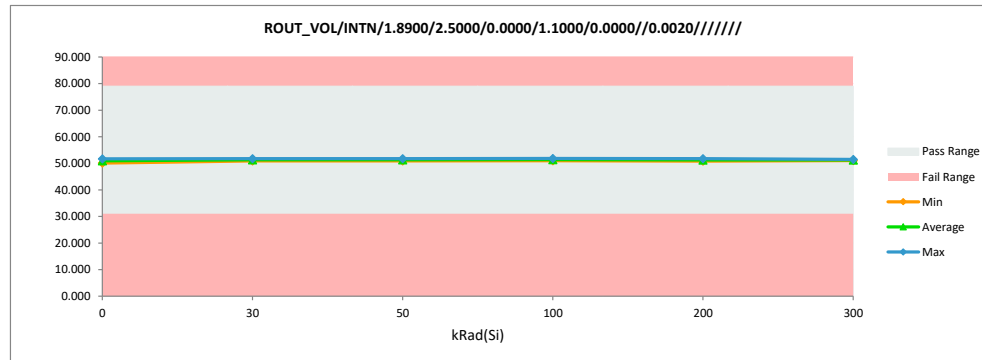
ROUT_VOL/INTN/1.8900/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.029	51.029	0.000
0	188A	50.084	50.084	0.000
0	191A	51.683	51.683	0.000
30	181B	51.029	50.883	-0.145
30	191B	51.683	51.755	0.073
50	181C	51.029	50.883	-0.145
50	191C	51.683	51.755	0.073
100	181D	51.029	50.956	-0.073
100	191D	51.683	51.828	0.145
200	181E	51.029	50.811	-0.218
200	191E	51.683	51.756	0.073
300	181F	51.029	51.029	0.000
300	191F	51.683	51.465	-0.218
Max		51.683	51.828	0.145
Average		51.258	51.224	-0.034
Min		50.084	50.084	-0.218
Std Dev		0.481	0.527	0.117



ROUT_VOL/INTN/1.8900/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.084	50.883	50.883	50.956	50.811	51.029
Average	50.932	51.319	51.319	51.392	51.283	51.247
Max	51.683	51.755	51.755	51.828	51.756	51.465
UL	79.000	79.000	79.000	79.000	79.000	79.000

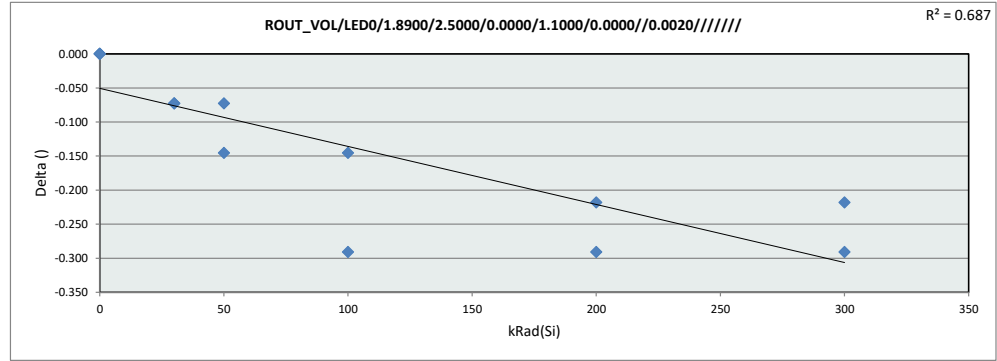


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ROUT_VOL/LEDO/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

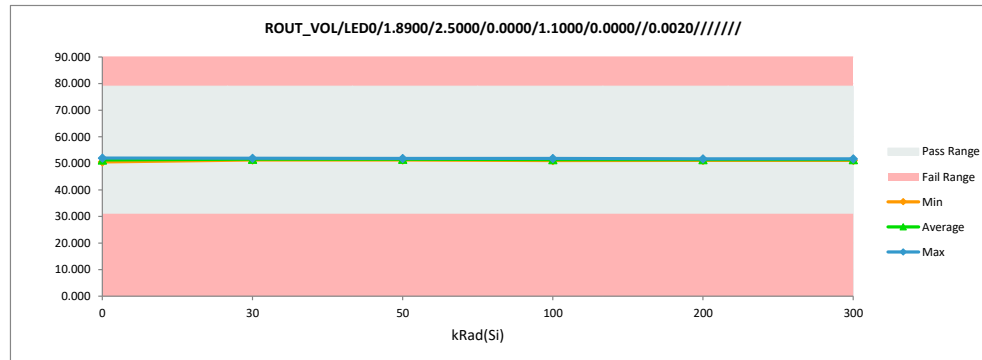
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.315	51.315	0.000
0	188A	50.516	50.516	0.000
0	191A	51.970	51.970	0.000
30	181B	51.315	51.243	-0.073
30	191B	51.970	51.897	-0.073
50	181C	51.315	51.243	-0.073
50	191C	51.970	51.824	-0.145
100	181D	51.315	51.025	-0.291
100	191D	51.970	51.824	-0.145
200	181E	51.315	51.097	-0.218
200	191E	51.970	51.679	-0.291
300	181F	51.315	51.097	-0.218
300	191F	51.970	51.679	-0.291
Max		51.970	51.970	0.000
Average		51.556	51.416	-0.140
Min		50.516	50.516	-0.291
Std Dev		0.452	0.433	0.113



ROUT_VOL/LEDO/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.516	51.243	51.243	51.025	51.097	51.097
Average	51.267	51.570	51.534	51.424	51.388	51.388
Max	51.970	51.897	51.824	51.824	51.679	51.679
UL	79.000	79.000	79.000	79.000	79.000	79.000

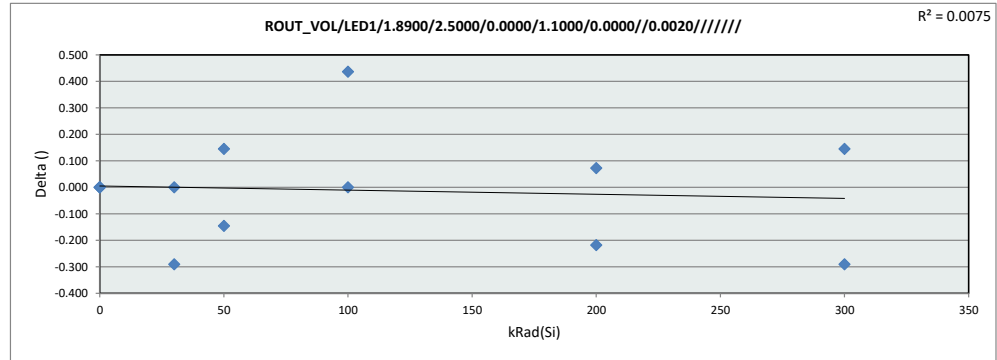


TID Report
DP83561-SP

ROUT_VOL/LED1/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

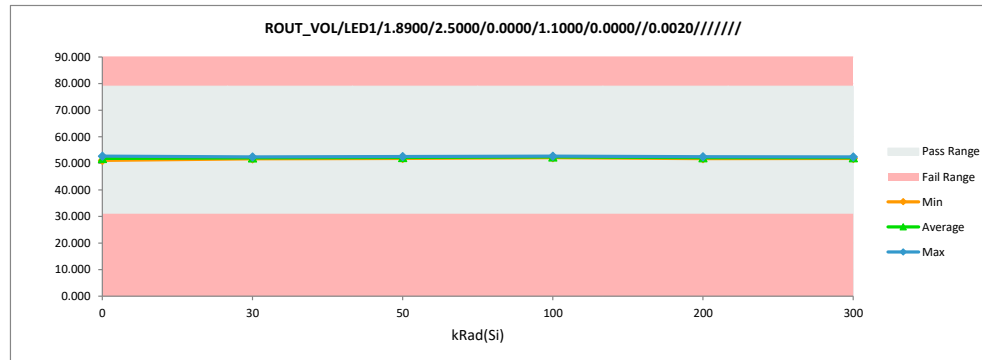
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.680	51.680	0.000
0	188A	51.099	51.099	0.000
0	191A	52.698	52.698	0.000
30	181B	51.680	51.680	0.000
30	191B	52.698	52.407	-0.291
50	181C	51.680	51.826	0.145
50	191C	52.698	52.553	-0.145
100	181D	51.680	52.116	0.436
100	191D	52.698	52.698	0.000
200	181E	51.680	51.753	0.073
200	191E	52.698	52.480	-0.218
300	181F	51.680	51.826	0.145
300	191F	52.698	52.407	-0.291
Max		52.698	52.698	0.436
Average		52.105	52.094	-0.011
Min		51.099	51.099	-0.291
Std Dev		0.592	0.490	0.199



ROUT_VOL/LED1/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	51.099	51.680	51.826	52.116	51.753	51.826
Average	51.826	52.044	52.189	52.407	52.116	52.116
Max	52.698	52.407	52.553	52.698	52.480	52.407
UL	79.000	79.000	79.000	79.000	79.000	79.000

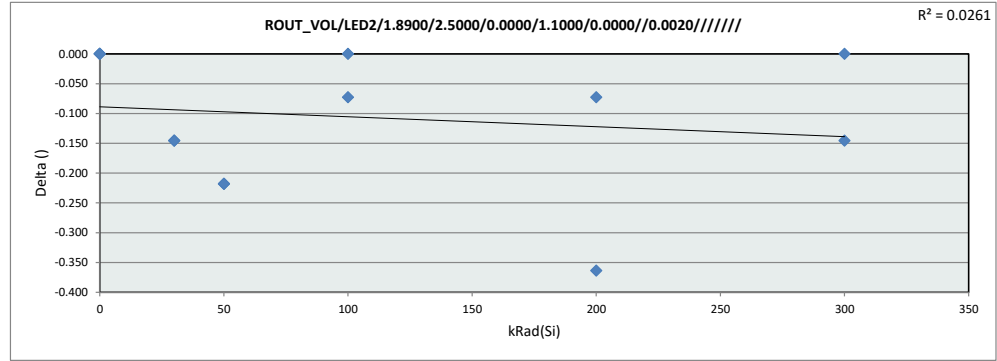


TID Report
DP83561-SP

ROUT_VOL/LED2/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

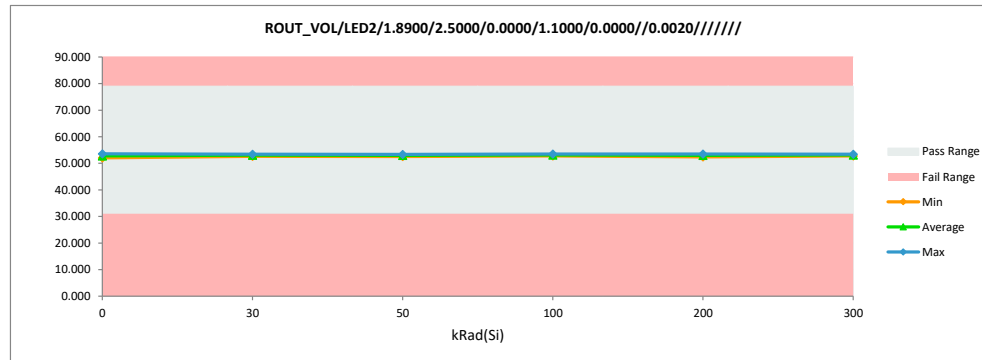
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	52.771	52.771	0.000
0	188A	52.044	52.044	0.000
0	191A	53.571	53.571	0.000
30	181B	52.771	52.626	-0.145
30	191B	53.571	53.425	-0.145
50	181C	52.771	52.553	-0.218
50	191C	53.571	53.353	-0.218
100	181D	52.771	52.771	0.000
100	191D	53.571	53.498	-0.073
200	181E	52.771	52.408	-0.363
200	191E	53.571	53.498	-0.073
300	181F	52.771	52.771	0.000
300	191F	53.571	53.425	-0.145
Max		53.571	53.571	0.000
Average		53.084	52.978	-0.106
Min		52.044	52.044	-0.363
Std Dev		0.507	0.505	0.113



ROUT_VOL/LED2/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	52.044	52.626	52.553	52.771	52.408	52.771
Average	52.795	53.025	52.953	53.135	52.953	53.098
Max	53.571	53.425	53.353	53.498	53.498	53.425
UL	79.000	79.000	79.000	79.000	79.000	79.000

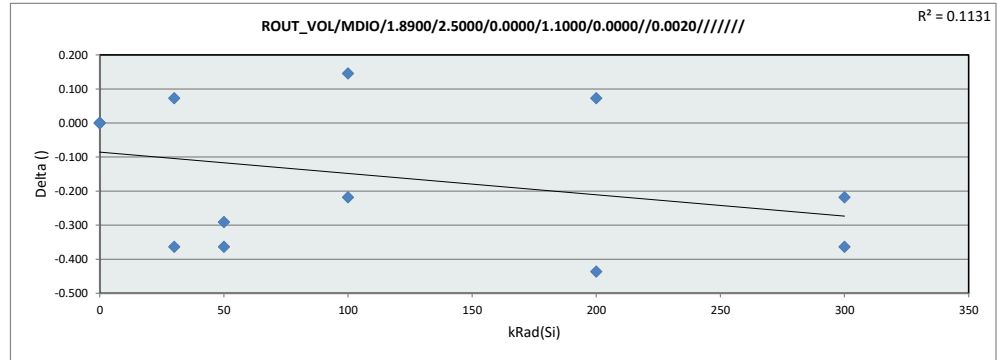


TID Report
DP83561-SP

ROUT_VOL/MDIO/1.8900/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

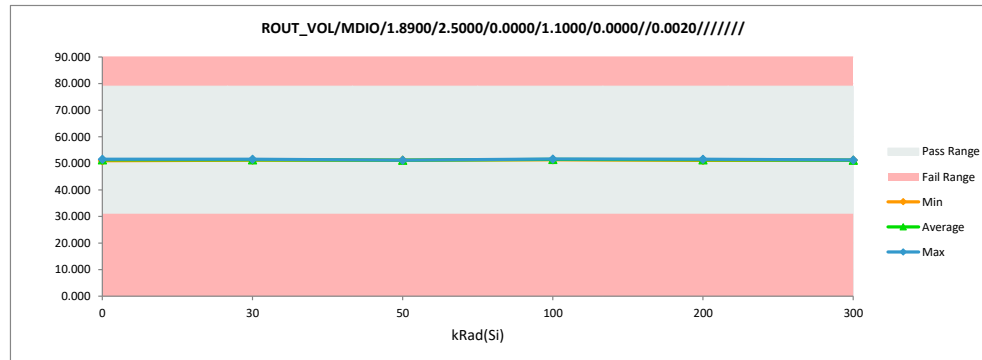
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.541	51.541	0.000
0	188A	50.959	50.959	0.000
0	191A	51.468	51.468	0.000
30	181B	51.541	51.178	-0.363
30	191B	51.468	51.541	0.073
50	181C	51.541	51.178	-0.363
50	191C	51.468	51.178	-0.291
100	181D	51.541	51.323	-0.218
100	191D	51.468	51.614	0.145
200	181E	51.541	51.105	-0.436
200	191E	51.468	51.541	0.073
300	181F	51.541	51.178	-0.363
300	191F	51.468	51.250	-0.218
Max		51.541	51.614	0.145
Average		51.463	51.312	-0.151
Min		50.959	50.959	-0.436
Std Dev		0.156	0.207	0.204



ROUT_VOL/MDIO/1.8900/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.959	51.178	51.178	51.323	51.105	51.178
Average	51.323	51.359	51.178	51.468	51.323	51.214
Max	51.541	51.541	51.178	51.614	51.541	51.250
UL	79.000	79.000	79.000	79.000	79.000	79.000

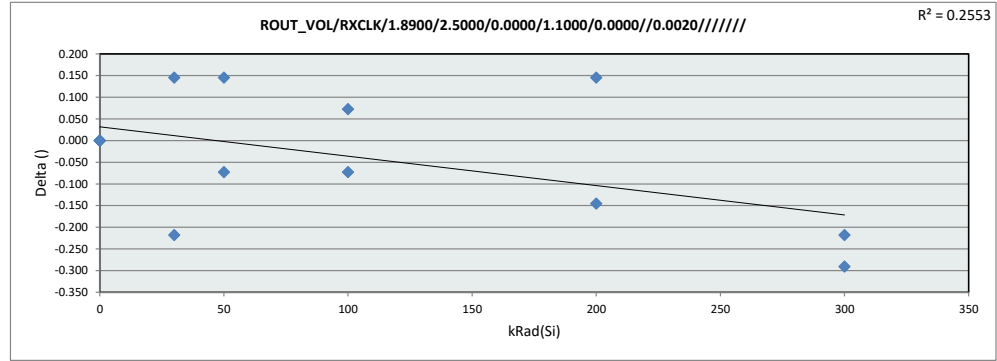


TID Report
DP83561-SP

ROUT_VOL/RXCLK/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

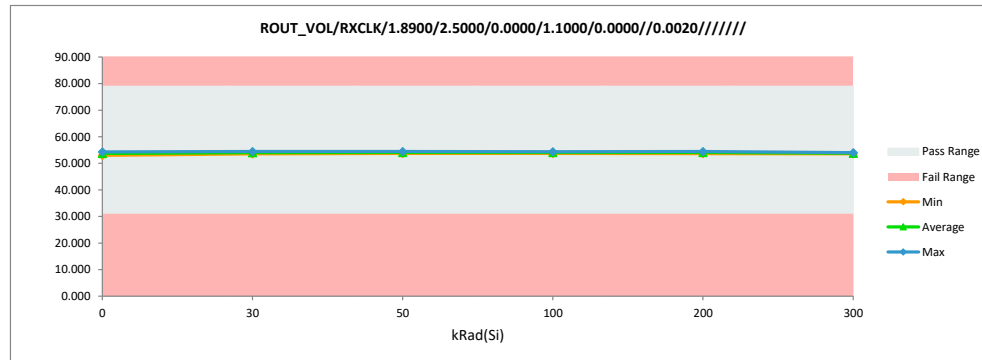
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	54.300	54.300	0.000
0	188A	52.992	52.992	0.000
0	191A	53.791	53.791	0.000
30	181B	54.300	54.445	0.145
30	191B	53.791	53.573	-0.218
50	181C	54.300	54.445	0.145
50	191C	53.791	53.718	-0.073
100	181D	54.300	54.373	0.073
100	191D	53.791	53.718	-0.073
200	181E	54.300	54.445	0.145
200	191E	53.791	53.646	-0.145
300	181F	54.300	54.009	-0.291
300	191F	53.791	53.573	-0.218
Max		54.300	54.445	0.145
Average		53.964	53.925	-0.039
Min		52.992	52.992	-0.291
Std Dev		0.388	0.453	0.147



ROUT_VOL/RXCLK/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	52.992	53.573	53.718	53.718	53.646	53.573
Average	53.694	54.009	54.082	54.046	54.046	53.791
Max	54.300	54.445	54.445	54.373	54.445	54.009
UL	79.000	79.000	79.000	79.000	79.000	79.000

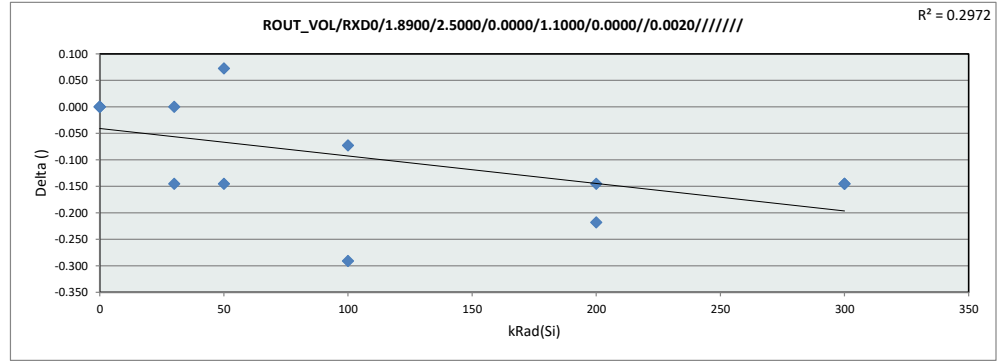


TID Report
DP83561-SP

ROUT_VOL/RXD0/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

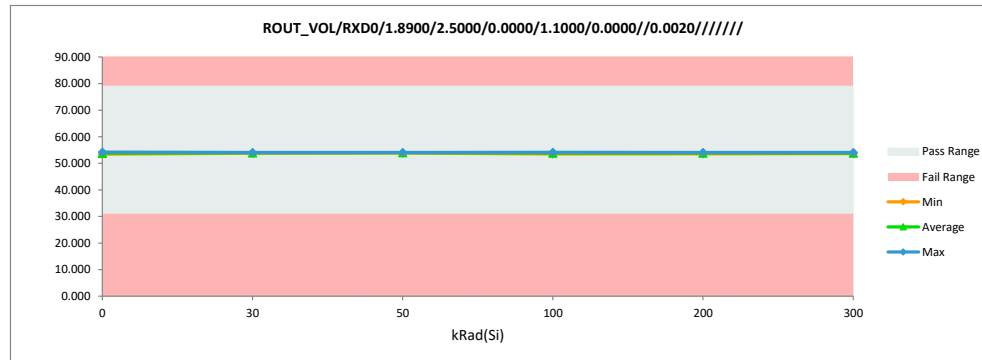
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.792	53.792	0.000
0	188A	53.429	53.429	0.000
0	191A	54.229	54.229	0.000
30	181B	53.792	53.792	0.000
30	191B	54.229	54.083	-0.145
50	181C	53.792	53.865	0.073
50	191C	54.229	54.083	-0.145
100	181D	53.792	53.502	-0.291
100	191D	54.229	54.156	-0.073
200	181E	53.792	53.574	-0.218
200	191E	54.229	54.083	-0.145
300	181F	53.792	53.647	-0.145
300	191F	54.229	54.083	-0.145
Max		54.229	54.229	0.073
Average		53.966	53.871	-0.095
Min		53.429	53.429	-0.291
Std Dev		0.271	0.269	0.104



ROUT_VOL/RXD0/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

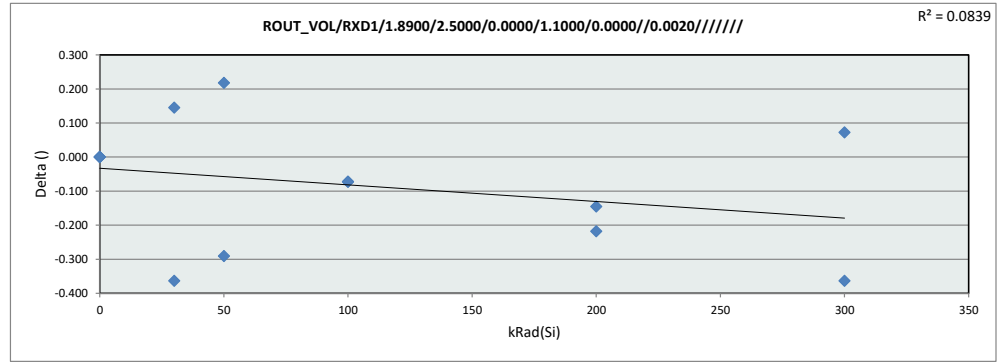
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.429	53.792	53.865	53.502	53.574	53.647
Average	53.817	53.938	53.974	53.829	53.829	53.865
Max	54.229	54.083	54.083	54.156	54.083	54.083
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
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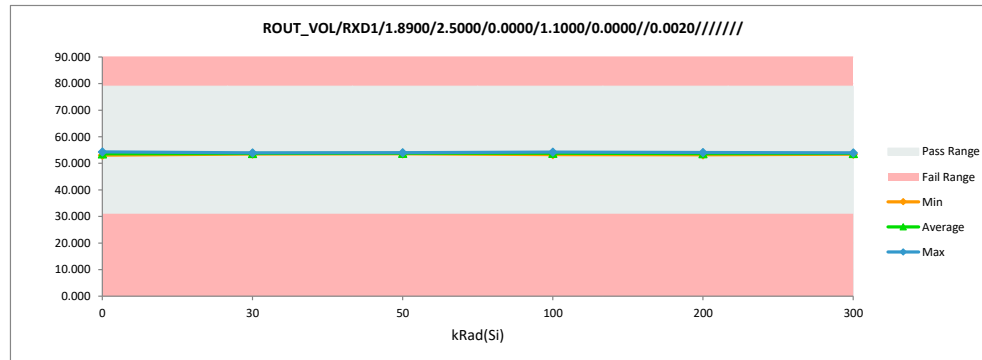
ROUT_VOL/RXD1/1.8900/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.353	53.353	0.000
0	188A	53.062	53.062	0.000
0	191A	54.298	54.298	0.000
30	181B	53.353	53.498	0.145
30	191B	54.298	53.934	-0.363
50	181C	53.353	53.571	0.218
50	191C	54.298	54.007	-0.291
100	181D	53.353	53.280	-0.073
100	191D	54.298	54.225	-0.073
200	181E	53.353	53.208	-0.145
200	191E	54.298	54.080	-0.218
300	181F	53.353	53.426	0.073
300	191F	54.298	53.934	-0.363
Max		54.298	54.298	0.218
Average		53.767	53.683	-0.084
Min		53.062	53.062	-0.363
Std Dev		0.518	0.414	0.185



ROUT_VOL/RXD1/1.8900/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

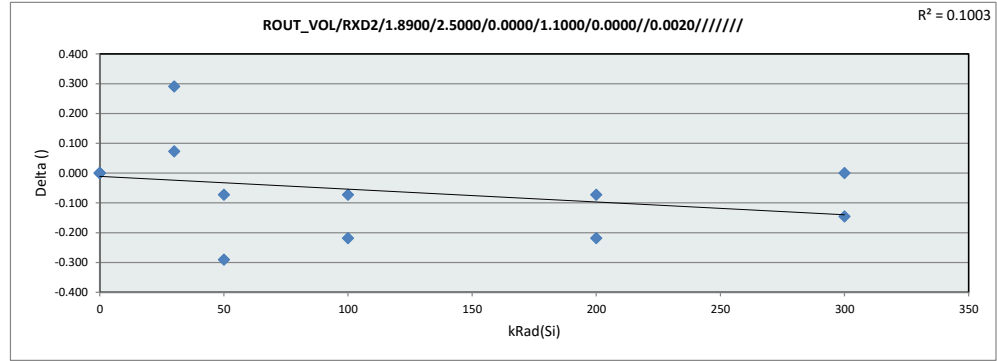
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.062	53.498	53.571	53.280	53.208	53.426
Average	53.571	53.716	53.789	53.753	53.644	53.680
Max	54.298	53.934	54.007	54.225	54.080	53.934
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
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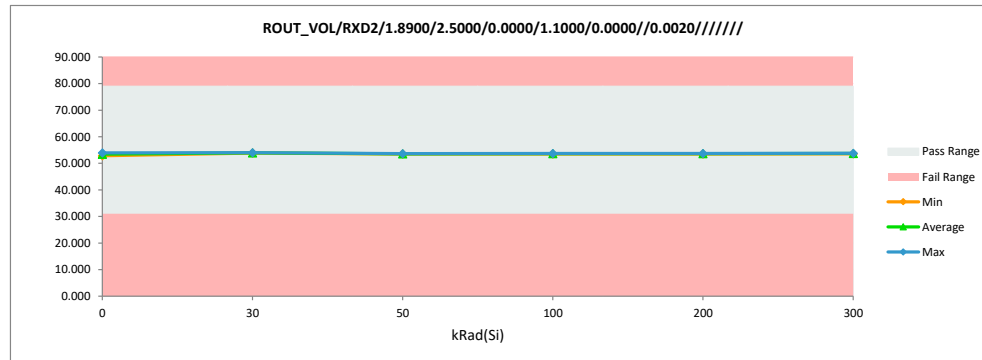
ROUT_VOL/RXD2/1.8900/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.568	53.568	0.000
0	188A	52.841	52.841	0.000
0	191A	53.931	53.931	0.000
30	181B	53.568	53.858	0.291
30	191B	53.931	54.004	0.073
50	181C	53.568	53.495	-0.073
50	191C	53.931	53.640	-0.291
100	181D	53.568	53.495	-0.073
100	191D	53.931	53.713	-0.218
200	181E	53.568	53.495	-0.073
200	191E	53.931	53.713	-0.218
300	181F	53.568	53.568	0.000
300	191F	53.931	53.786	-0.145
	Max	53.931	54.004	0.291
	Average	53.679	53.623	-0.056
	Min	52.841	52.841	-0.291
	Std Dev	0.311	0.289	0.149



ROUT_VOL/RXD2/1.8900/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	52.841	53.858	53.495	53.495	53.495	53.568
Average	53.446	53.931	53.568	53.604	53.604	53.677
Max	53.931	54.004	53.640	53.713	53.713	53.786
UL	79.000	79.000	79.000	79.000	79.000	79.000

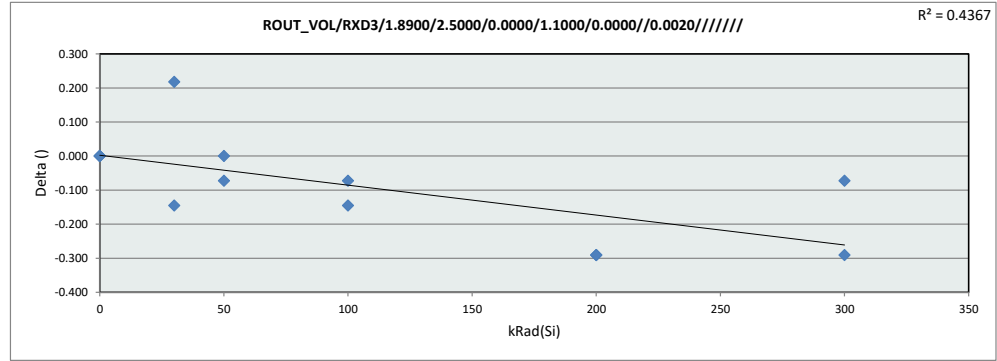


TID Report
DP83561-SP

ROUT_VOL/RXD3/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

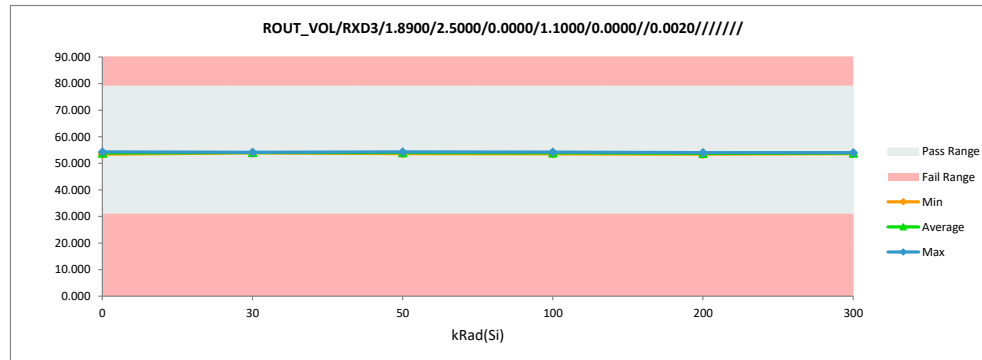
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.722	53.722	0.000
0	188A	53.431	53.431	0.000
0	191A	54.303	54.303	0.000
30	181B	53.722	53.940	0.218
30	191B	54.303	54.158	-0.145
50	181C	53.722	53.649	-0.073
50	191C	54.303	54.303	0.000
100	181D	53.722	53.576	-0.145
100	191D	54.303	54.230	-0.073
200	181E	53.722	53.431	-0.291
200	191E	54.303	54.012	-0.291
300	181F	53.722	53.649	-0.073
300	191F	54.303	54.012	-0.291
Max		54.303	54.303	0.218
Average		53.968	53.878	-0.089
Min		53.431	53.431	-0.291
Std Dev		0.333	0.319	0.146



ROUT_VOL/RXD3/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.431	53.940	53.649	53.576	53.431	53.649
Average	53.818	54.049	53.976	53.903	53.722	53.831
Max	54.303	54.158	54.303	54.230	54.012	54.012
UL	79.000	79.000	79.000	79.000	79.000	79.000

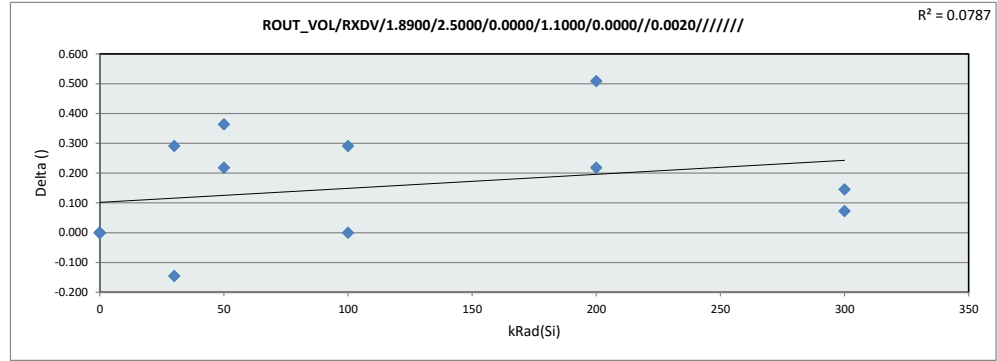


TID Report
DP83561-SP

ROUT_VOL/RXDV/1.8900/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

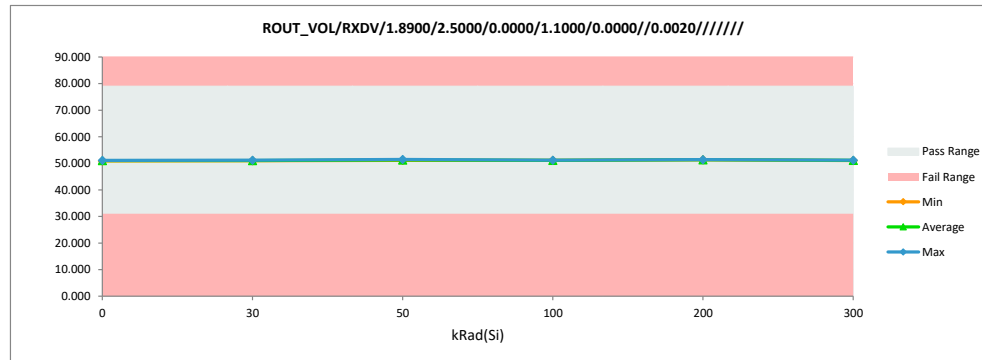
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.097	51.097	0.000
0	188A	51.097	51.097	0.000
0	191A	50.879	50.879	0.000
30	181B	51.097	50.952	-0.145
30	191B	50.879	51.170	0.291
50	181C	51.097	51.461	0.363
50	191C	50.879	51.097	0.218
100	181D	51.097	51.097	0.000
100	191D	50.879	51.170	0.291
200	181E	51.097	51.315	0.218
200	191E	50.879	51.388	0.509
300	181F	51.097	51.170	0.073
300	191F	50.879	51.025	0.145
Max		51.097	51.461	0.509
Average		50.997	51.148	0.151
Min		50.879	50.879	-0.145
Std Dev		0.113	0.164	0.184



ROUT_VOL/RXDV/1.8900/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.879	50.952	51.097	51.097	51.315	51.025
Average	51.025	51.061	51.279	51.134	51.352	51.097
Max	51.097	51.170	51.461	51.170	51.388	51.170
UL	79.000	79.000	79.000	79.000	79.000	79.000

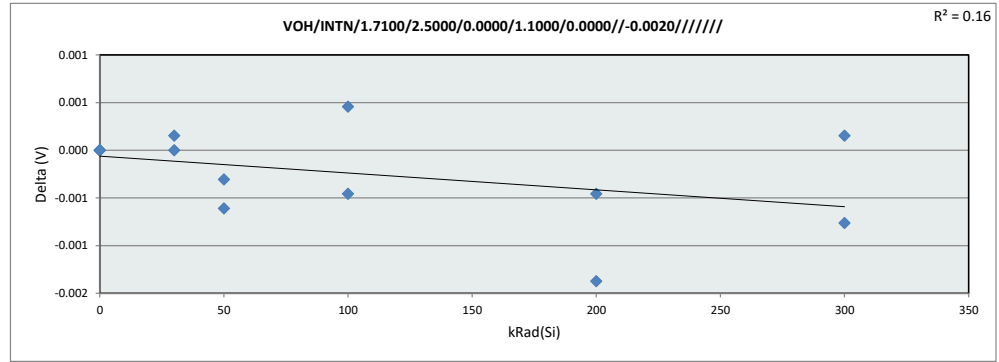


TID Report
DP83561-SP

VOH/INTN/1.7100/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

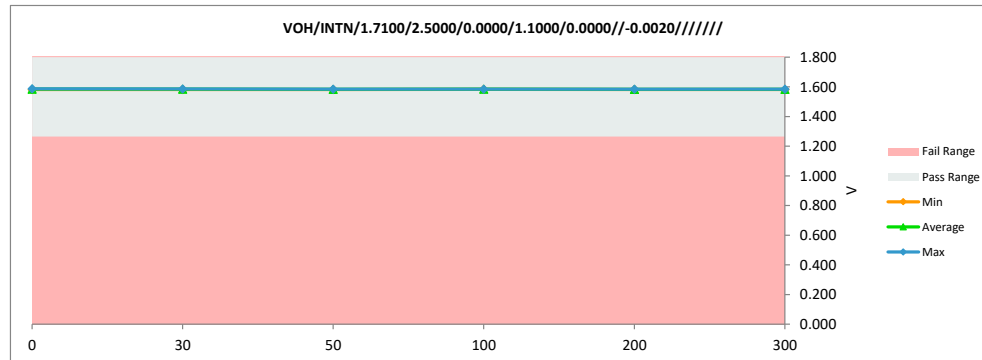
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.585	1.585	0.000
0	188A	1.587	1.587	0.000
0	191A	1.582	1.582	0.000
30	181B	1.585	1.586	0.000
30	191B	1.582	1.582	0.000
50	181C	1.585	1.585	0.000
50	191C	1.582	1.582	-0.001
100	181D	1.585	1.585	0.000
100	191D	1.582	1.583	0.000
200	181E	1.585	1.584	-0.001
200	191E	1.582	1.582	0.000
300	181F	1.585	1.585	-0.001
300	191F	1.582	1.583	0.000
Max		1.587	1.587	0.000
Average		1.584	1.584	0.000
Min		1.582	1.582	-0.001
Std Dev		0.002	0.002	0.000



VOH/INTN/1.7100/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

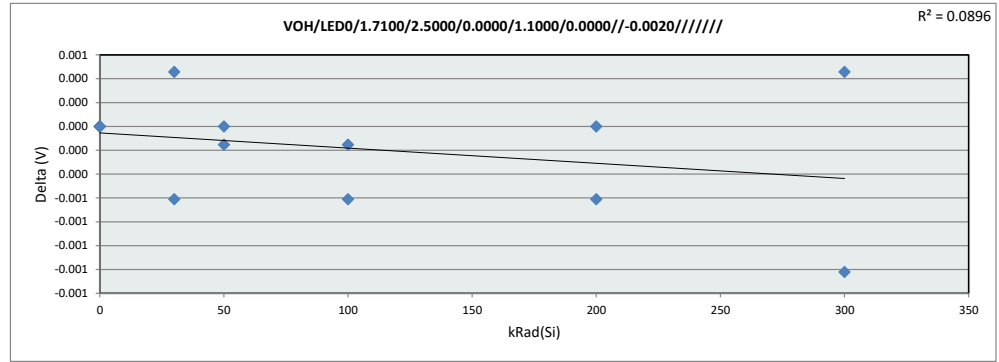
kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.582	1.582	1.582	1.583	1.582	1.583
Average	1.585	1.584	1.583	1.584	1.583	1.584
Max	1.587	1.586	1.585	1.585	1.584	1.585
UL						



TID Report
DP83561-SP

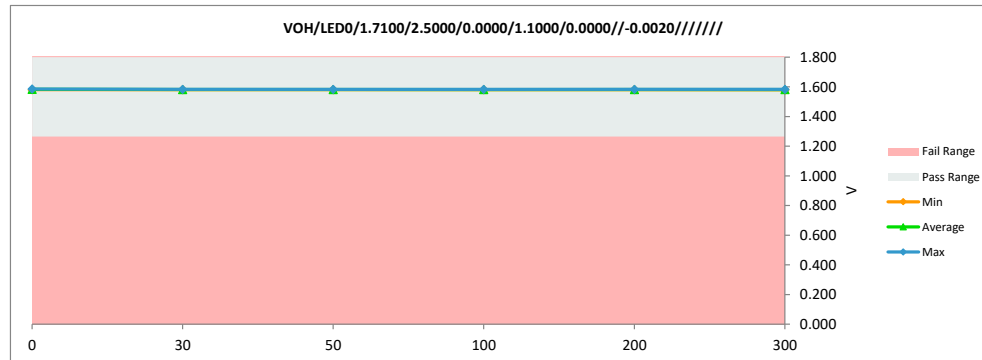
VOH/LEDO/1.7100/2.5000/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.583	1.583	0.000
0	188A	1.585	1.585	0.000
0	191A	1.581	1.581	0.000
30	181B	1.583	1.583	0.000
30	191B	1.581	1.581	-0.001
50	181C	1.583	1.583	0.000
50	191C	1.581	1.581	0.000
100	181D	1.583	1.583	0.000
100	191D	1.581	1.581	-0.001
200	181E	1.583	1.583	0.000
200	191E	1.581	1.581	-0.001
300	181F	1.583	1.583	0.000
300	191F	1.581	1.580	-0.001
Max		1.585	1.585	0.000
Average		1.582	1.582	0.000
Min		1.581	1.580	-0.001
Std Dev		0.001	0.002	0.000



VOH/LEDO/1.7100/2.5000/0.0000		
Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	V	
Min Limit	1.264999986	V

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.581	1.581	1.581	1.581	1.581	1.580
Average	1.583	1.582	1.582	1.582	1.582	1.582
Max	1.585	1.583	1.583	1.583	1.583	1.583
UL						

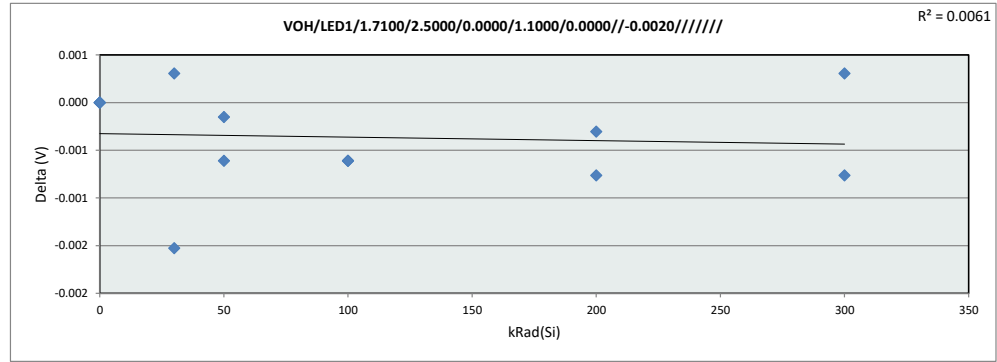


TID Report
DP83561-SP

VOH/LED1/1.7100/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

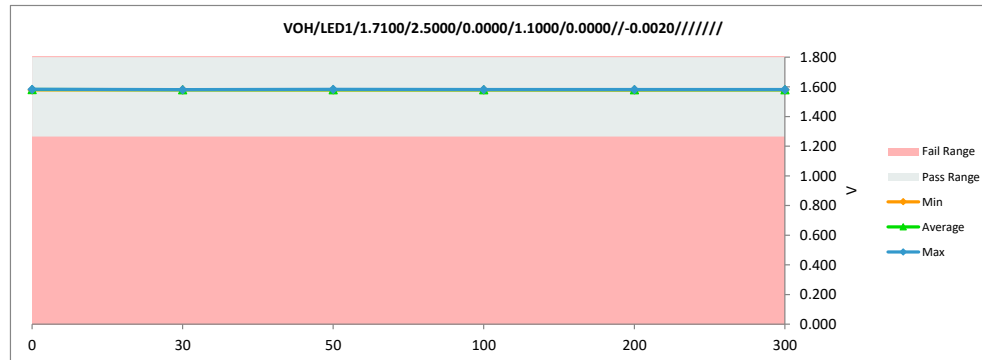
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.583	1.583	0.000
0	188A	1.584	1.584	0.000
0	191A	1.580	1.580	0.000
30	181B	1.583	1.581	-0.002
30	191B	1.580	1.580	0.000
50	181C	1.583	1.583	0.000
50	191C	1.580	1.579	-0.001
100	181D	1.583	1.582	-0.001
100	191D	1.580	1.579	-0.001
200	181E	1.583	1.582	0.000
200	191E	1.580	1.579	-0.001
300	181F	1.583	1.582	-0.001
300	191F	1.580	1.580	0.000
Max		1.584	1.584	0.000
Average		1.581	1.581	0.000
Min		1.580	1.579	-0.002
Std Dev		0.002	0.002	0.001



VOH/LED1/1.7100/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.580	1.580	1.579	1.579	1.579	1.580
Average	1.582	1.581	1.581	1.581	1.581	1.581
Max	1.584	1.581	1.583	1.582	1.582	1.582
UL						

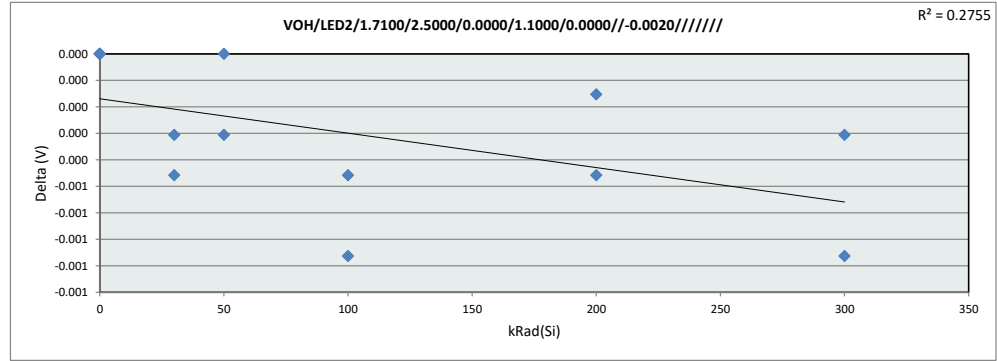


TID Report
DP83561-SP

VOH/LED2/1.7100/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

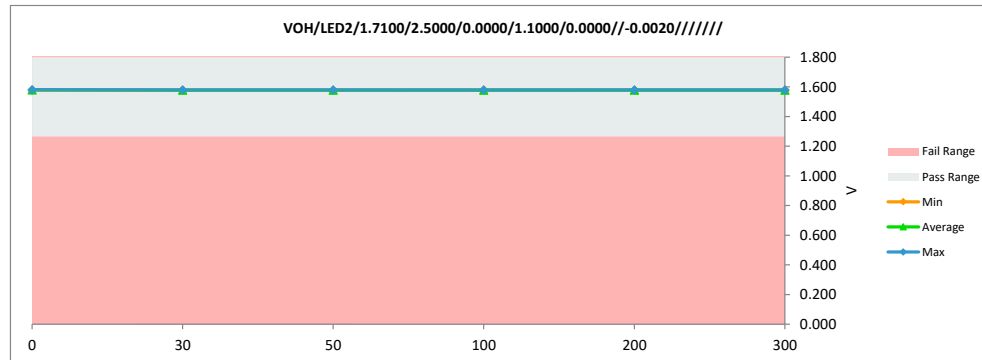
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.580	1.580	0.000
0	188A	1.581	1.581	0.000
0	191A	1.578	1.578	0.000
30	181B	1.580	1.580	0.000
30	191B	1.578	1.577	0.000
50	181C	1.580	1.580	0.000
50	191C	1.578	1.577	0.000
100	181D	1.580	1.579	-0.001
100	191D	1.578	1.577	0.000
200	181E	1.580	1.579	0.000
200	191E	1.578	1.577	0.000
300	181F	1.580	1.580	0.000
300	191F	1.578	1.577	-0.001
Max		1.581	1.581	0.000
Average		1.579	1.579	0.000
Min		1.578	1.577	-0.001
Std Dev		0.001	0.001	0.000



VOH/LED2/1.7100/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.578	1.577	1.577	1.577	1.577	1.577
Average	1.580	1.578	1.579	1.578	1.578	1.578
Max	1.581	1.580	1.580	1.579	1.579	1.580
UL						

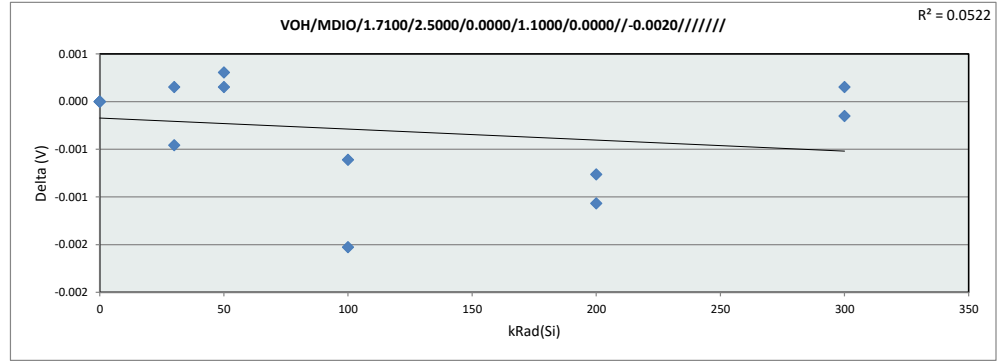


TID Report
DP83561-SP

VOH/MDIO/1.7100/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

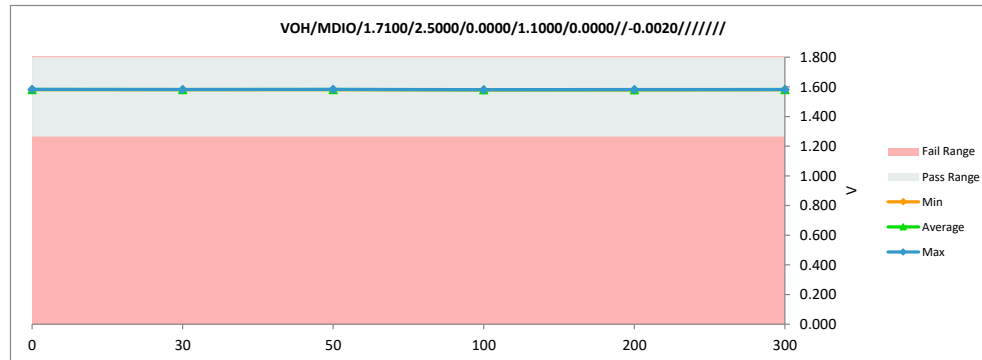
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.583	1.583	0.000
0	188A	1.583	1.583	0.000
0	191A	1.581	1.581	0.000
30	181B	1.583	1.582	0.000
30	191B	1.581	1.581	0.000
50	181C	1.583	1.583	0.000
50	191C	1.581	1.581	0.000
100	181D	1.583	1.581	-0.002
100	191D	1.581	1.580	-0.001
200	181E	1.583	1.582	-0.001
200	191E	1.581	1.579	-0.001
300	181F	1.583	1.583	0.000
300	191F	1.581	1.581	0.000
Max		1.583	1.583	0.000
Average		1.582	1.581	0.000
Min		1.581	1.579	-0.002
Std Dev		0.001	0.001	0.001



VOH/MDIO/1.7100/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.581	1.581	1.581	1.580	1.579	1.581
Average	1.582	1.581	1.582	1.581	1.581	1.582
Max	1.583	1.582	1.583	1.581	1.582	1.583
UL						

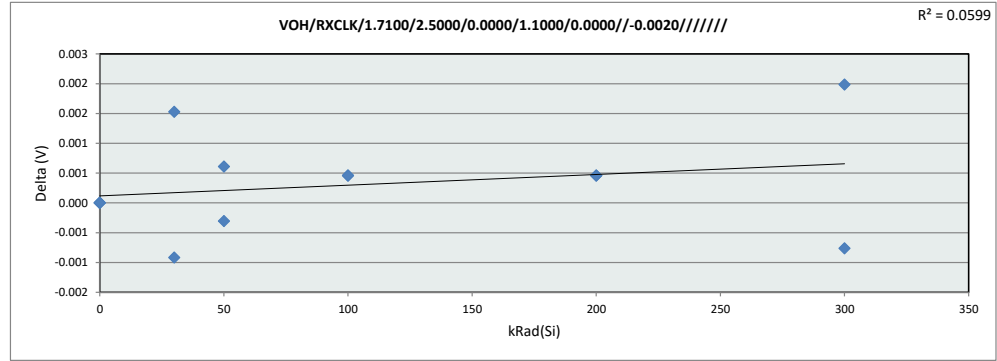


TID Report
DP83561-SP

VOH/RXCLK/1.7100/2.5000/0.0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

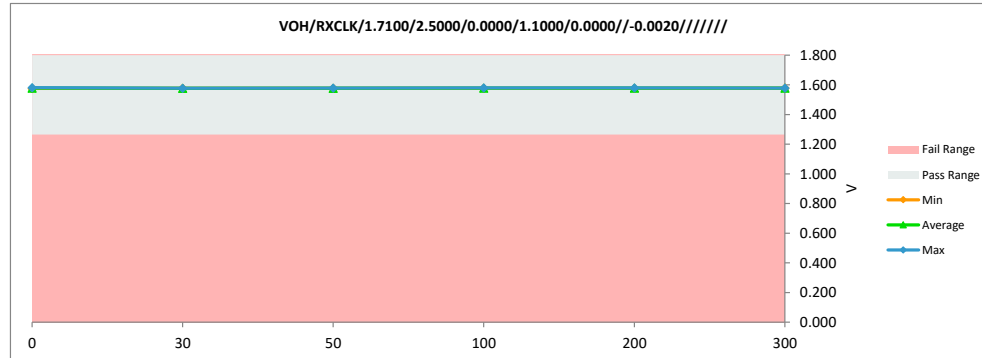
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.576	1.576	0.000
0	188A	1.581	1.581	0.000
0	191A	1.578	1.578	0.000
30	181B	1.576	1.577	0.002
30	191B	1.578	1.577	-0.001
50	181C	1.576	1.576	0.001
50	191C	1.578	1.578	0.000
100	181D	1.576	1.576	0.000
100	191D	1.578	1.579	0.000
200	181E	1.576	1.576	0.000
200	191E	1.578	1.579	0.000
300	181F	1.576	1.578	0.002
300	191F	1.578	1.578	-0.001
Max		1.581	1.581	0.002
Average		1.577	1.578	0.000
Min		1.576	1.576	-0.001
Std Dev		0.002	0.001	0.001



VOH/RXCLK/1.7100/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.576	1.577	1.576	1.576	1.576	1.578
Average	1.578	1.577	1.577	1.578	1.578	1.578
Max	1.581	1.577	1.578	1.579	1.579	1.578
UL						

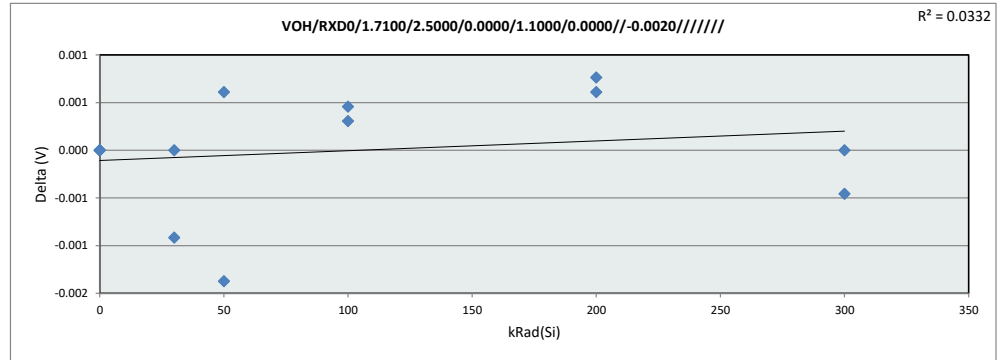


TID Report
DP83561-SP

VOH/RXD0/1.7100/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

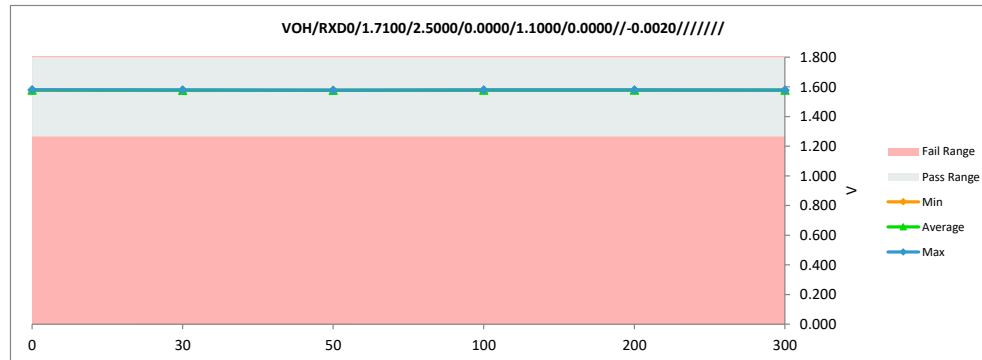
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.579	1.579	0.000
0	188A	1.580	1.580	0.000
0	191A	1.577	1.577	0.000
30	181B	1.579	1.579	0.000
30	191B	1.577	1.576	-0.001
50	181C	1.579	1.577	-0.001
50	191C	1.577	1.577	0.001
100	181D	1.579	1.579	0.000
100	191D	1.577	1.577	0.000
200	181E	1.579	1.579	0.001
200	191E	1.577	1.577	0.001
300	181F	1.579	1.578	0.000
300	191F	1.577	1.577	0.000
Max		1.580	1.580	0.001
Average		1.578	1.578	0.000
Min		1.577	1.576	-0.001
Std Dev		0.001	0.001	0.001



VOH/RXD0/1.7100/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.577	1.576	1.577	1.577	1.577	1.577
Average	1.579	1.577	1.577	1.578	1.578	1.577
Max	1.580	1.579	1.577	1.579	1.579	1.578
UL						

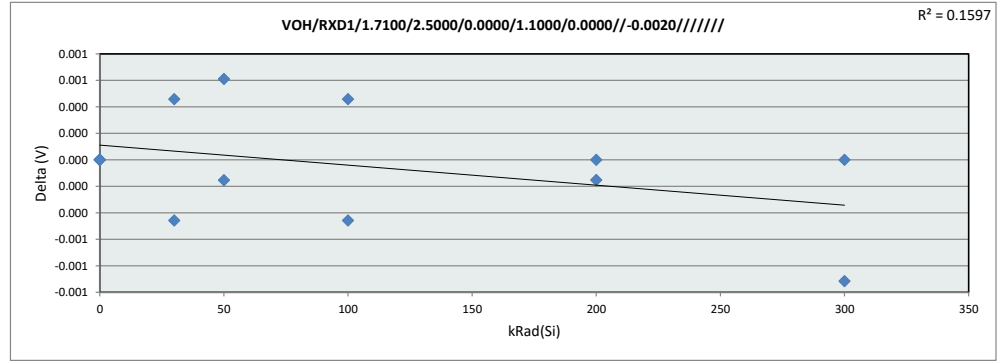


TID Report
DP83561-SP

VOH/RXD1/1.7100/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

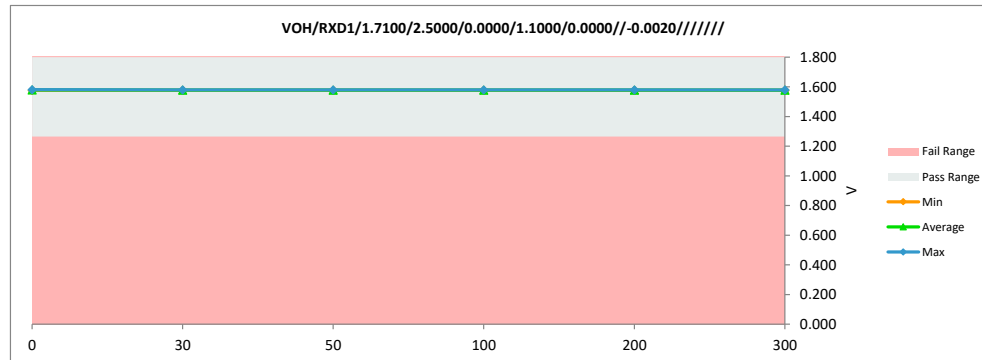
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.580	1.580	0.000
0	188A	1.581	1.581	0.000
0	191A	1.576	1.576	0.000
30	181B	1.580	1.579	0.000
30	191B	1.576	1.577	0.000
50	181C	1.580	1.580	0.000
50	191C	1.576	1.577	0.001
100	181D	1.580	1.579	0.000
100	191D	1.576	1.577	0.000
200	181E	1.580	1.580	0.000
200	191E	1.576	1.576	0.000
300	181F	1.580	1.579	-0.001
300	191F	1.576	1.576	0.000
Max		1.581	1.581	0.001
Average		1.578	1.578	0.000
Min		1.576	1.576	-0.001
Std Dev		0.002	0.002	0.000



VOH/RXD1/1.7100/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.576	1.577	1.577	1.577	1.576	1.576
Average	1.579	1.578	1.578	1.578	1.578	1.578
Max	1.581	1.579	1.580	1.579	1.580	1.579
UL						

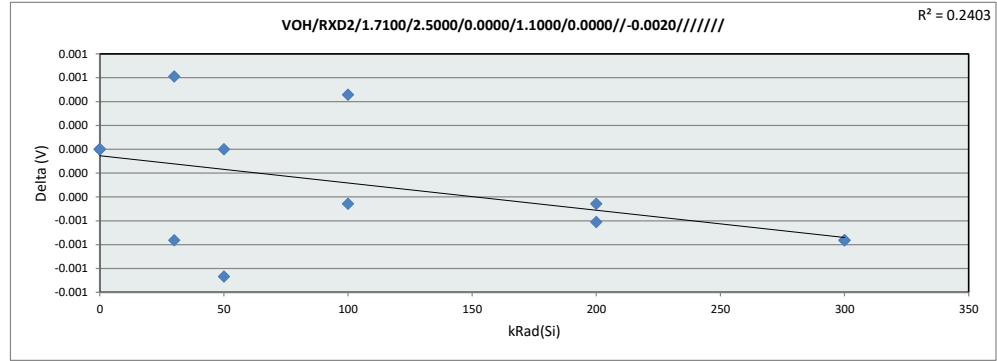


TID Report
DP83561-SP

VOH/RXD2/1.7100/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

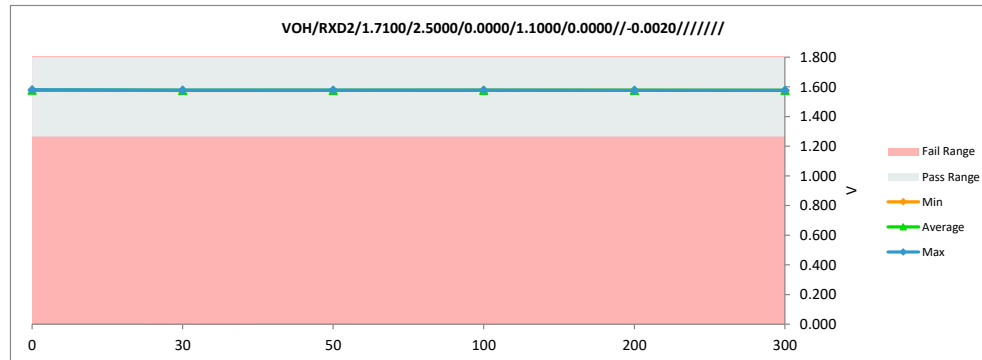
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.577	1.577	0.000
0	188A	1.581	1.581	0.000
0	191A	1.577	1.577	0.000
30	181B	1.577	1.578	0.001
30	191B	1.577	1.576	-0.001
50	181C	1.577	1.577	0.000
50	191C	1.577	1.576	-0.001
100	181D	1.577	1.578	0.000
100	191D	1.577	1.576	0.000
200	181E	1.577	1.577	0.000
200	191E	1.577	1.576	-0.001
300	181F	1.577	1.577	-0.001
300	191F	1.577	1.576	-0.001
Max		1.581	1.581	0.001
Average		1.577	1.577	0.000
Min		1.577	1.576	-0.001
Std Dev		0.001	0.001	0.001



VOH/RXD2/1.7100/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.577	1.576	1.576	1.576	1.576	1.576
Average	1.578	1.577	1.577	1.577	1.577	1.576
Max	1.581	1.578	1.577	1.578	1.577	1.577
UL						

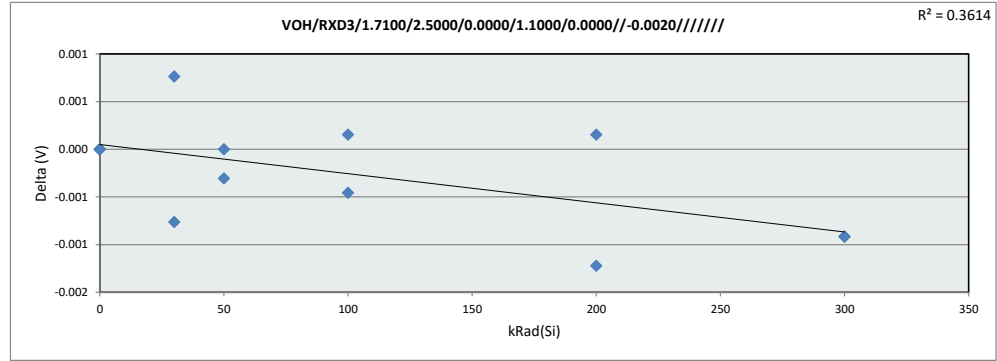


TID Report
DP83561-SP

VOH/RXD3/1.7100/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

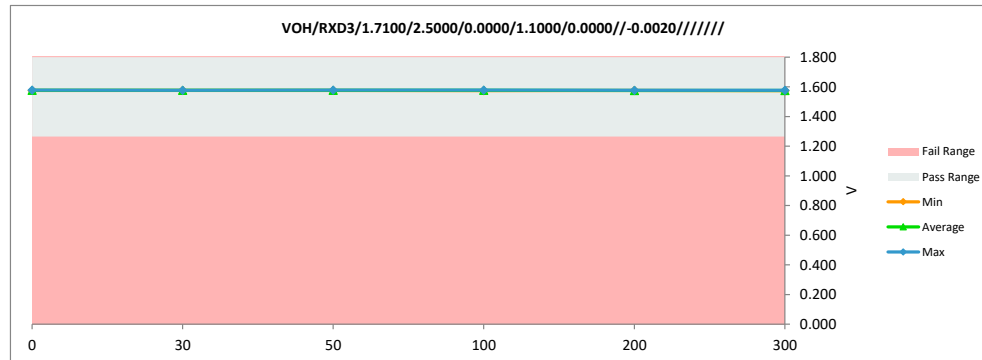
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.578	1.578	0.000
0	188A	1.577	1.577	0.000
0	191A	1.575	1.575	0.000
30	181B	1.578	1.577	-0.001
30	191B	1.575	1.576	0.001
50	181C	1.578	1.578	0.000
50	191C	1.575	1.575	0.000
100	181D	1.578	1.578	0.000
100	191D	1.575	1.574	0.000
200	181E	1.578	1.577	-0.001
200	191E	1.575	1.575	0.000
300	181F	1.578	1.577	-0.001
300	191F	1.575	1.574	-0.001
Max		1.578	1.578	0.001
Average		1.577	1.576	0.000
Min		1.575	1.574	-0.001
Std Dev		0.002	0.002	0.001



VOH/RXD3/1.7100/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.575	1.576	1.575	1.574	1.575	1.574
Average	1.577	1.576	1.576	1.576	1.576	1.576
Max	1.578	1.577	1.578	1.578	1.577	1.577
UL						

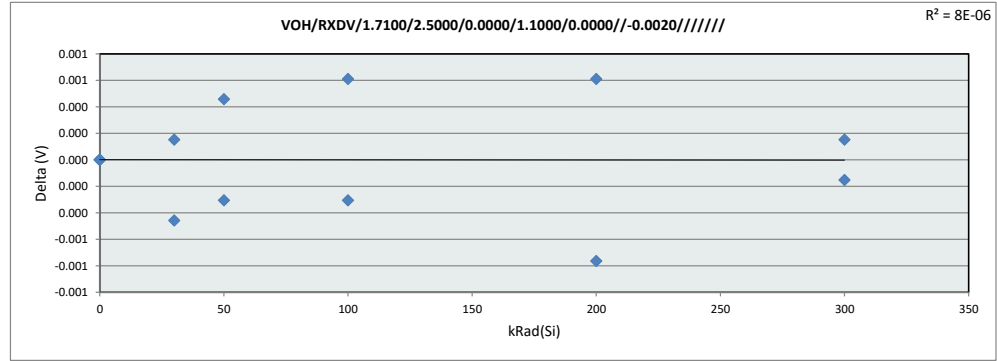


TID Report
DP83561-SP

VOH/RXDV/1.7100/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	1.264999986	1.264999986

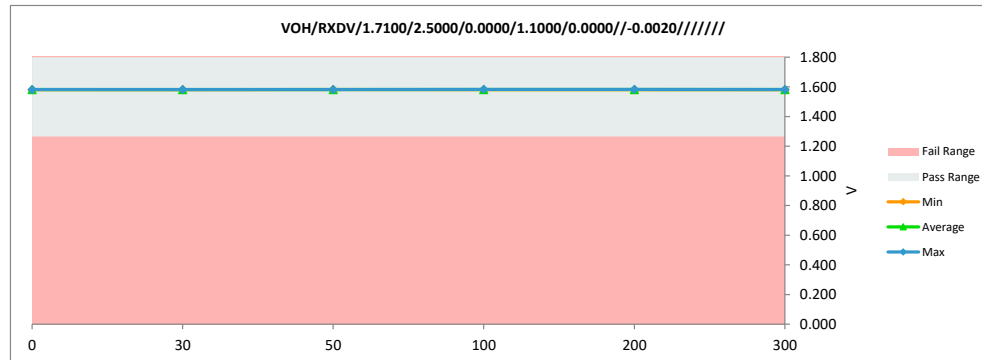
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	1.582	1.582	0.000
0	188A	1.582	1.582	0.000
0	191A	1.581	1.581	0.000
30	181B	1.582	1.582	0.000
30	191B	1.581	1.581	0.000
50	181C	1.582	1.582	0.000
50	191C	1.581	1.582	0.000
100	181D	1.582	1.583	0.001
100	191D	1.581	1.581	0.000
200	181E	1.582	1.583	0.001
200	191E	1.581	1.581	-0.001
300	181F	1.582	1.582	0.000
300	191F	1.581	1.581	0.000
Max		1.582	1.583	0.001
Average		1.582	1.582	0.000
Min		1.581	1.581	-0.001
Std Dev		0.000	0.001	0.000



VOH/RXDV/1.7100/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	1.264999986

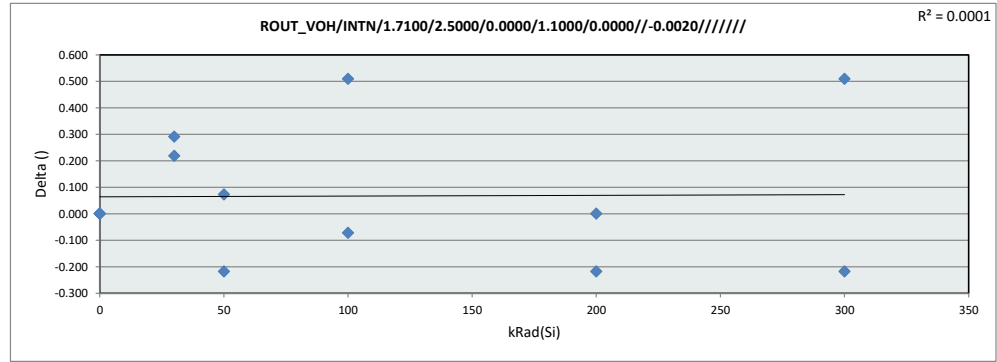
kRad(Si)	0	30	50	100	200	300
LL	1.265	1.265	1.265	1.265	1.265	1.265
Min	1.581	1.581	1.582	1.581	1.581	1.581
Average	1.582	1.582	1.582	1.582	1.582	1.582
Max	1.582	1.582	1.582	1.583	1.583	1.582
UL						



TID Report
DP83561-SP

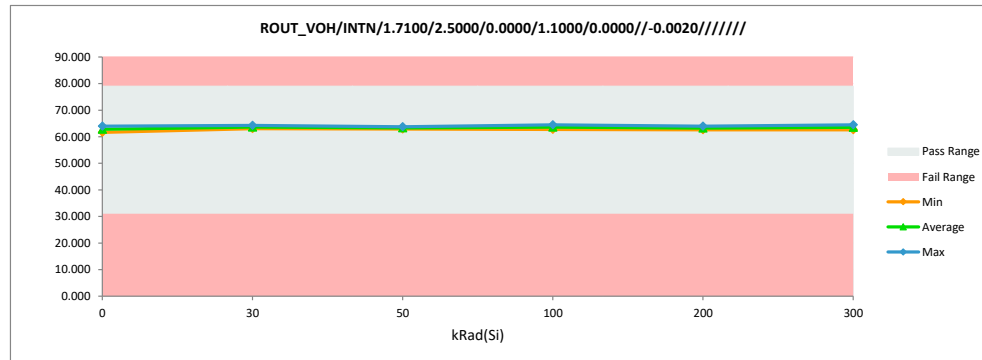
ROUT_VOH/INTN/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	62.804	62.804	0.000
0	188A	61.641	61.641	0.000
0	191A	63.967	63.967	0.000
30	181B	62.804	63.022	0.218
30	191B	63.967	64.258	0.291
50	181C	62.804	62.877	0.073
50	191C	63.967	63.749	-0.218
100	181D	62.804	62.732	-0.073
100	191D	63.967	64.476	0.509
200	181E	62.804	62.586	-0.218
200	191E	63.967	63.967	0.000
300	181F	62.804	62.586	-0.218
300	191F	63.967	64.476	0.509
	Max	63.967	64.476	0.509
	Average	63.252	63.319	0.067
	Min	61.641	61.641	-0.218
	Std Dev	0.756	0.884	0.249



ROUT_VOH/INTN/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

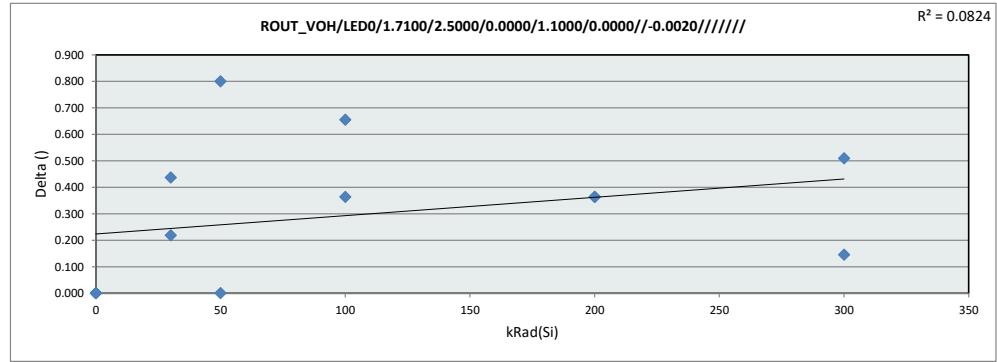
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	61.641	63.022	62.877	62.732	62.586	62.586
Average	62.804	63.640	63.313	63.604	63.277	63.531
Max	63.967	64.258	63.749	64.476	63.967	64.476
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

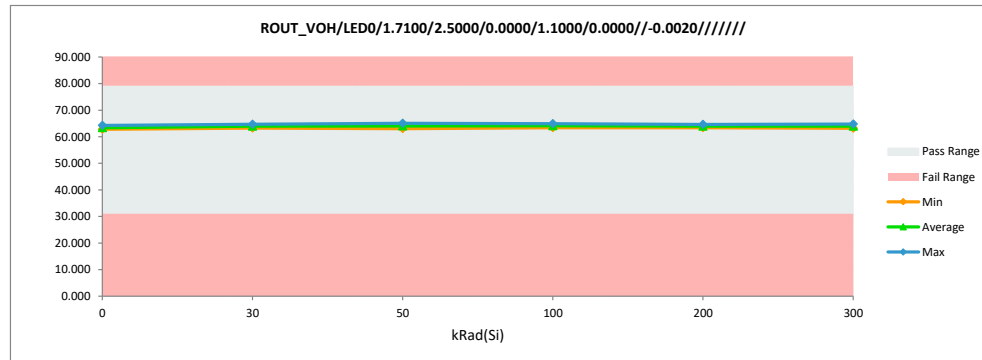
ROUT_VOH/LEDO/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.018	63.018	0.000
0	188A	62.800	62.800	0.000
0	191A	64.253	64.253	0.000
30	181B	63.018	63.236	0.218
30	191B	64.253	64.689	0.436
50	181C	63.018	63.018	0.000
50	191C	64.253	65.053	0.799
100	181D	63.018	63.381	0.363
100	191D	64.253	64.908	0.654
200	181E	63.018	63.381	0.363
200	191E	64.253	64.617	0.363
300	181F	63.018	63.163	0.145
300	191F	64.253	64.762	0.509
Max		64.253	65.053	0.799
Average		63.571	63.868	0.296
Min		62.800	62.800	0.000
Std Dev		0.660	0.848	0.265



ROUT_VOH/LEDO/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

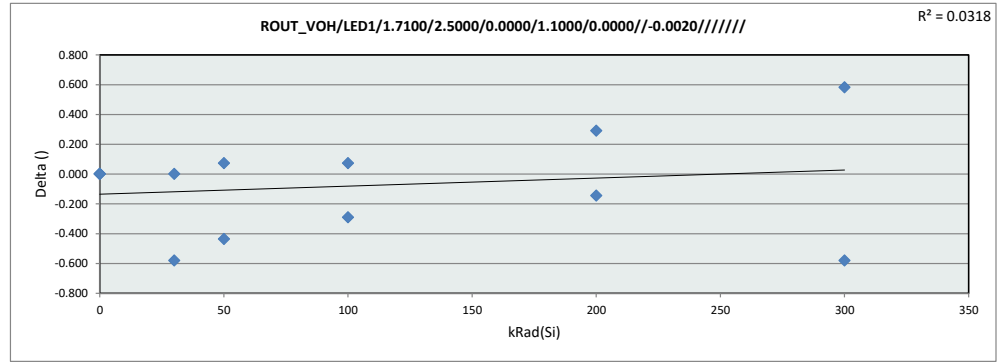
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	62.800	63.236	63.018	63.381	63.381	63.163
Average	63.357	63.963	64.035	64.144	63.999	63.963
Max	64.253	64.689	65.053	64.908	64.617	64.762
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

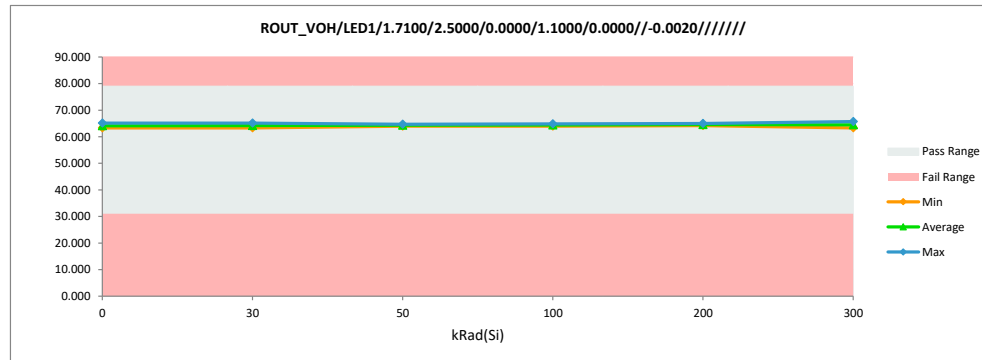
ROUT_VOH/LED1/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.892	63.892	0.000
0	188A	63.310	63.310	0.000
0	191A	65.127	65.127	0.000
30	181B	63.892	63.310	-0.582
30	191B	65.127	65.127	0.000
50	181C	63.892	63.964	0.073
50	191C	65.127	64.691	-0.436
100	181D	63.892	63.964	0.073
100	191D	65.127	64.837	-0.291
200	181E	63.892	64.182	0.291
200	191E	65.127	64.982	-0.145
300	181F	63.892	63.310	-0.582
300	191F	65.127	65.709	0.581
	Max	65.127	65.709	0.581
	Average	64.417	64.339	-0.078
	Min	63.310	63.310	-0.582
	Std Dev	0.702	0.795	0.332



ROUT_VOH/LED1/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

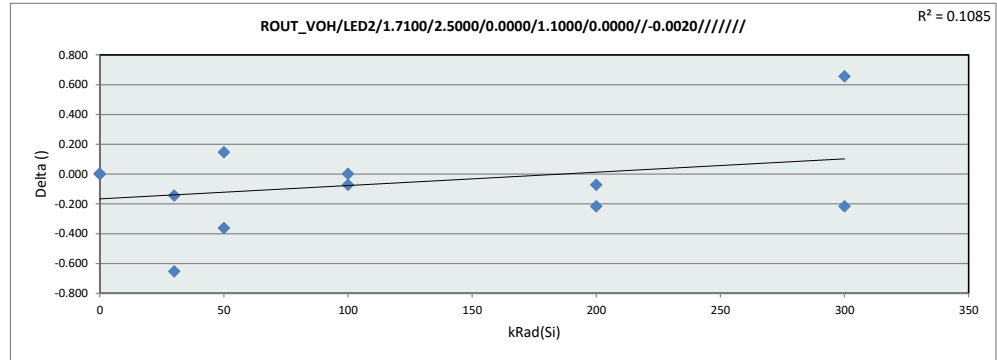
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.310	63.310	63.964	63.964	64.182	63.310
Average	64.110	64.219	64.328	64.400	64.582	64.510
Max	65.127	65.127	64.691	64.837	64.982	65.709
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

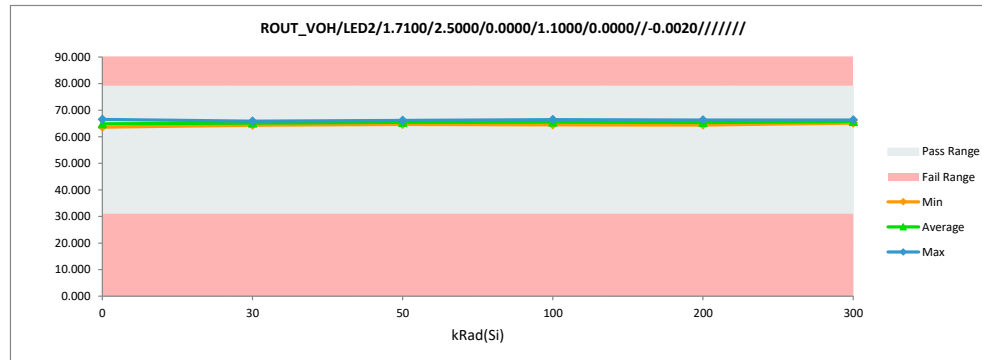
ROUT_VOH/LED2/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.474	64.474	0.000
0	188A	63.602	63.602	0.000
0	191A	66.509	66.509	0.000
30	181B	64.474	64.328	-0.145
30	191B	66.509	65.855	-0.654
50	181C	64.474	64.619	0.145
50	191C	66.509	66.146	-0.363
100	181D	64.474	64.474	0.000
100	191D	66.509	66.436	-0.073
200	181E	64.474	64.401	-0.073
200	191E	66.509	66.291	-0.218
300	181F	64.474	65.128	0.654
300	191F	66.509	66.291	-0.218
	Max	66.509	66.509	0.654
	Average	65.346	65.273	-0.073
	Min	63.602	63.602	-0.654
	Std Dev	1.145	1.009	0.298



ROUT_VOH/LED2/1.7100/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.602	64.328	64.619	64.474	64.401	65.128
Average	64.861	65.092	65.382	65.455	65.346	65.709
Max	66.509	65.855	66.146	66.436	66.291	66.291
UL	79.000	79.000	79.000	79.000	79.000	79.000

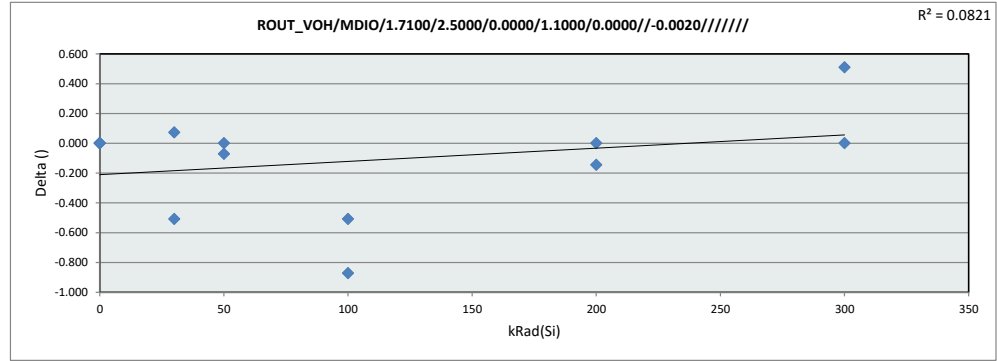


TID Report
DP83561-SP

ROUT_VOH/MDIO/1.7100/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

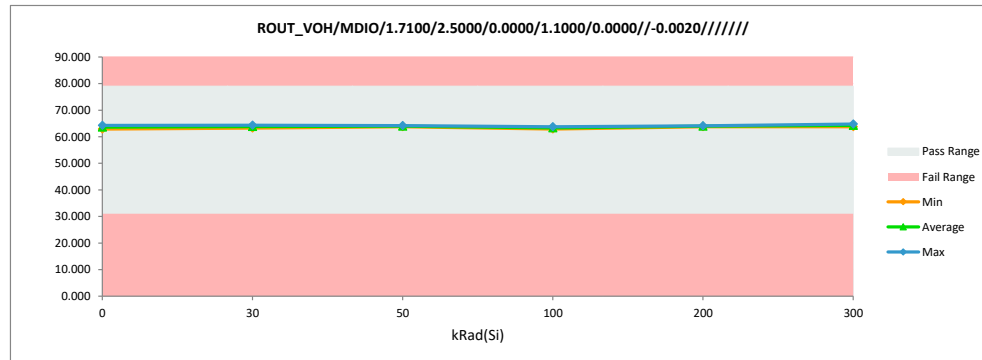
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.754	63.754	0.000
0	188A	62.881	62.881	0.000
0	191A	64.263	64.263	0.000
30	181B	63.754	63.245	-0.509
30	191B	64.263	64.335	0.073
50	181C	63.754	63.754	0.000
50	191C	64.263	64.190	-0.073
100	181D	63.754	62.882	-0.872
100	191D	64.263	63.754	-0.509
200	181E	63.754	63.754	0.000
200	191E	64.263	64.117	-0.145
300	181F	63.754	63.754	0.000
300	191F	64.263	64.772	0.509
Max		64.263	64.772	0.509
Average		63.922	63.804	-0.117
Min		62.881	62.881	-0.872
Std Dev		0.403	0.556	0.340



ROUT_VOH/MDIO/1.7100/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	62.881	63.245	63.754	62.882	63.754	63.754
Average	63.633	63.790	63.972	63.318	63.936	64.263
Max	64.263	64.335	64.190	63.754	64.117	64.772
UL	79.000	79.000	79.000	79.000	79.000	79.000

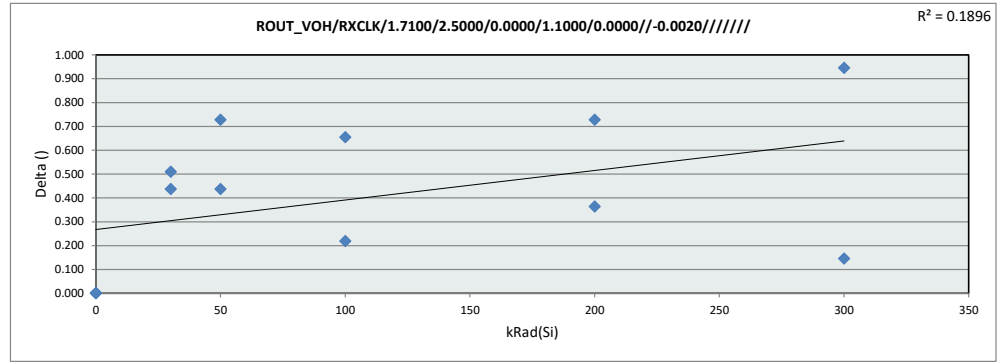


TID Report
DP83561-SP

ROUT_VOH/RXCLK/1.7100/2.5000/0.0000/1.1000/0.0000//0.0020/////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

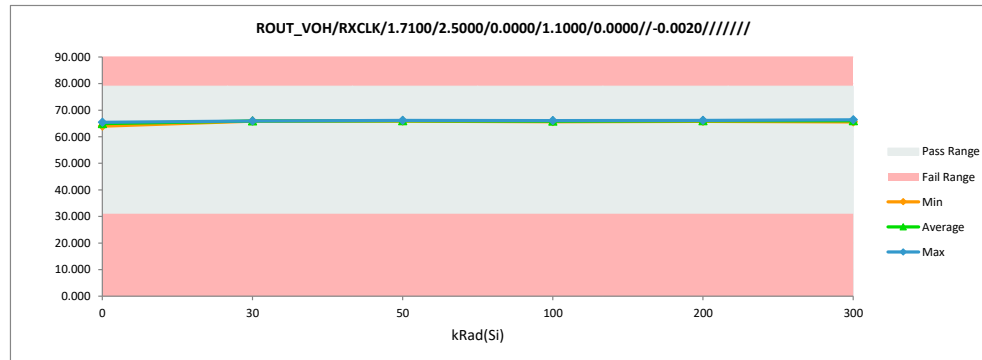
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.422	65.422	0.000
0	188A	63.968	63.968	0.000
0	191A	65.422	65.422	0.000
30	181B	65.422	65.931	0.509
30	191B	65.422	65.858	0.436
50	181C	65.422	65.858	0.436
50	191C	65.422	66.149	0.727
100	181D	65.422	65.640	0.218
100	191D	65.422	66.076	0.654
200	181E	65.422	65.785	0.363
200	191E	65.422	66.149	0.727
300	181F	65.422	66.367	0.945
300	191F	65.422	65.567	0.145
	Max	65.422	66.367	0.945
	Average	65.310	65.707	0.397
	Min	63.968	63.968	0.000
	Std Dev	0.403	0.597	0.312



ROUT_VOH/RXCLK/1.7100/2.5000/0.0000/1.1000/0.0000//0.0020/////

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.968	65.858	65.858	65.640	65.785	65.567
Average	64.937	65.894	66.003	65.858	65.967	65.967
Max	65.422	65.931	66.149	66.076	66.149	66.367
UL	79.000	79.000	79.000	79.000	79.000	79.000

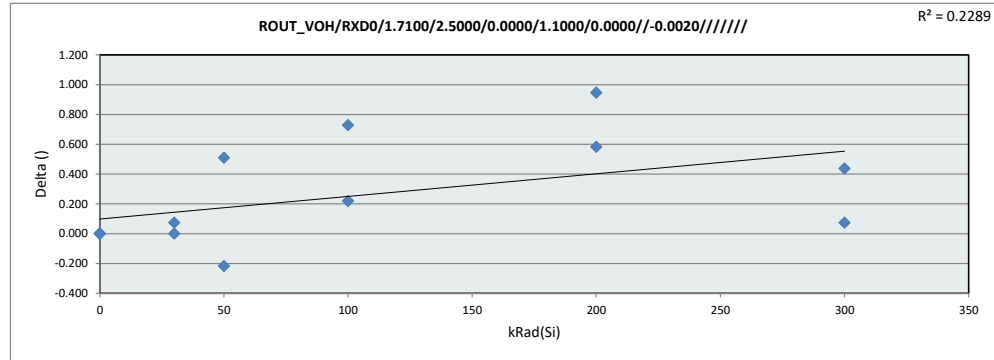


TID Report
DP83561-SP

ROUT_VOH/RXD0/1.7100/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

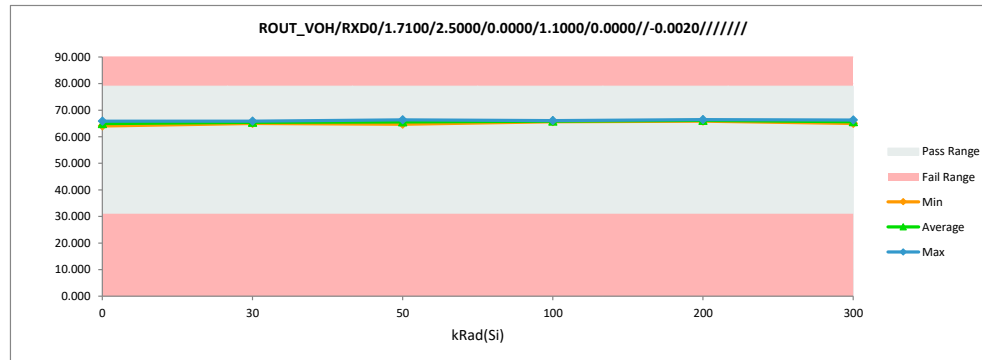
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.914	64.914	0.000
0	188A	64.042	64.042	0.000
0	191A	65.859	65.859	0.000
30	181B	64.914	64.987	0.073
30	191B	65.859	65.859	0.000
50	181C	64.914	64.696	-0.218
50	191C	65.859	66.368	0.509
100	181D	64.914	65.641	0.727
100	191D	65.859	66.077	0.218
200	181E	64.914	65.859	0.945
200	191E	65.859	66.441	0.582
300	181F	64.914	64.987	0.073
300	191F	65.859	66.296	0.436
Max		65.859	66.441	0.945
Average		65.283	65.541	0.257
Min		64.042	64.042	-0.218
Std Dev		0.602	0.743	0.348



ROUT_VOH/RXD0/1.7100/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.042	64.987	64.696	65.641	65.859	64.987
Average	64.939	65.423	65.532	65.859	66.150	65.641
Max	65.859	65.859	66.368	66.077	66.441	66.296
UL	79.000	79.000	79.000	79.000	79.000	79.000

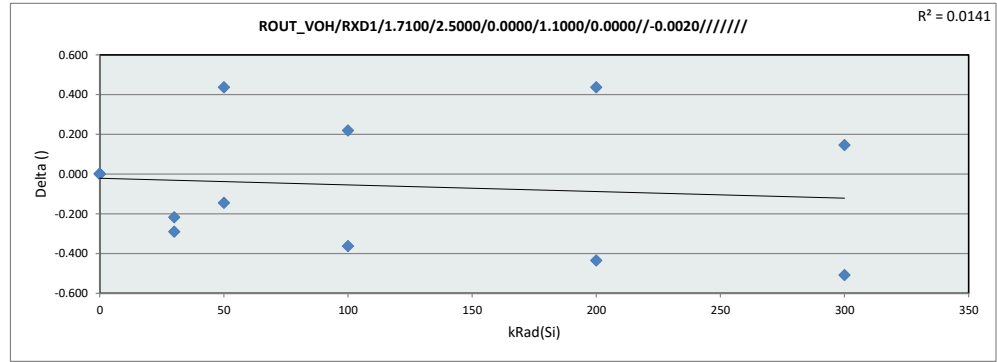


TID Report
DP83561-SP

ROUT_VOH/RXD1/1.7100/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

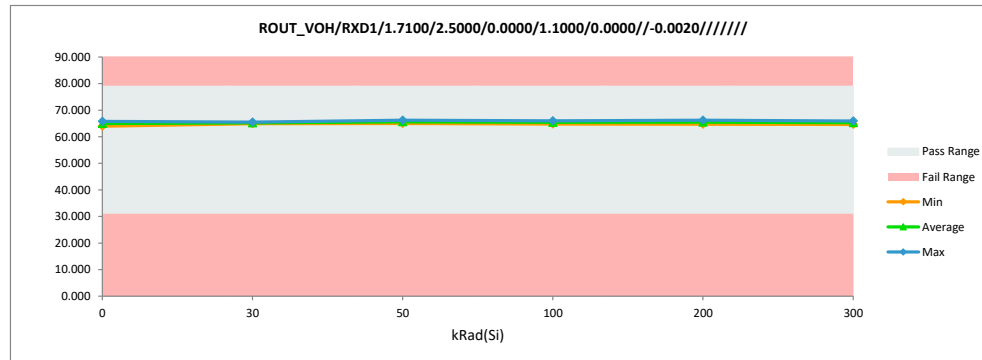
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.128	65.128	0.000
0	188A	63.965	63.965	0.000
0	191A	65.783	65.783	0.000
30	181B	65.128	64.910	-0.218
30	191B	65.783	65.492	-0.291
50	181C	65.128	64.983	-0.145
50	191C	65.783	66.219	0.436
100	181D	65.128	64.765	-0.363
100	191D	65.783	66.001	0.218
200	181E	65.128	64.692	-0.436
200	191E	65.783	66.219	0.436
300	181F	65.128	64.620	-0.509
300	191F	65.783	65.928	0.145
Max		65.783	66.219	0.436
Average		65.341	65.285	-0.056
Min		63.965	63.965	-0.509
Std Dev		0.527	0.708	0.309



ROUT_VOH/RXD1/1.7100/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.965	64.910	64.983	64.765	64.692	64.620
Average	64.959	65.201	65.601	65.383	65.455	65.274
Max	65.783	65.492	66.219	66.001	66.219	65.928
UL	79.000	79.000	79.000	79.000	79.000	79.000

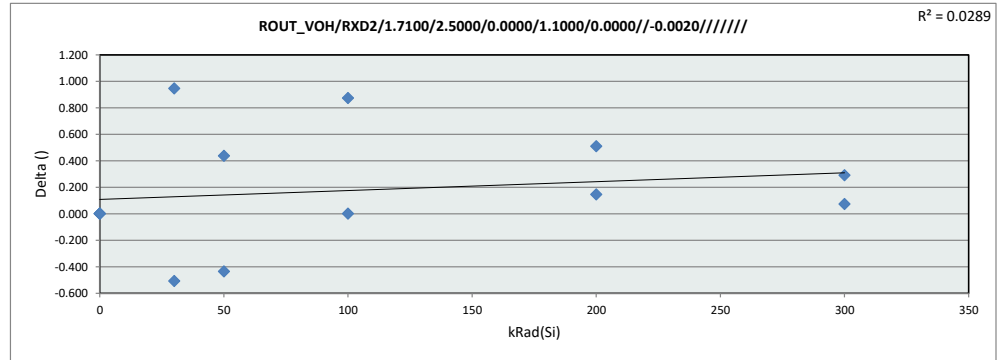


TID Report
DP83561-SP

ROUT_VOH/RXD2/1.7100/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

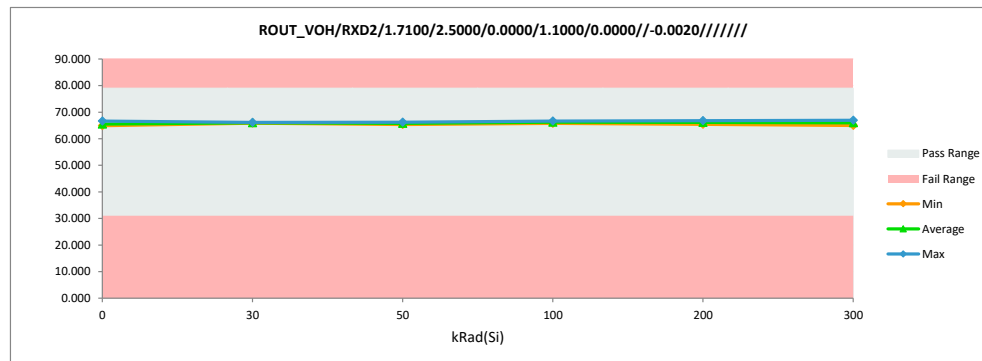
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.906	64.906	0.000
0	188A	64.979	64.979	0.000
0	191A	66.651	66.651	0.000
30	181B	64.906	65.851	0.945
30	191B	66.651	66.142	-0.509
50	181C	64.906	65.342	0.436
50	191C	66.651	66.214	-0.436
100	181D	64.906	65.778	0.872
100	191D	66.651	66.651	0.000
200	181E	64.906	65.415	0.509
200	191E	66.651	66.796	0.145
300	181F	64.906	64.979	0.073
300	191F	66.651	66.941	0.291
Max		66.651	66.941	0.945
Average		65.717	65.896	0.179
Min		64.906	64.906	-0.509
Std Dev		0.900	0.731	0.433



ROUT_VOH/RXD2/1.7100/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.906	65.851	65.342	65.778	65.415	64.979
Average	65.512	65.996	65.778	66.214	66.105	65.960
Max	66.651	66.142	66.214	66.651	66.796	66.941
UL	79.000	79.000	79.000	79.000	79.000	79.000

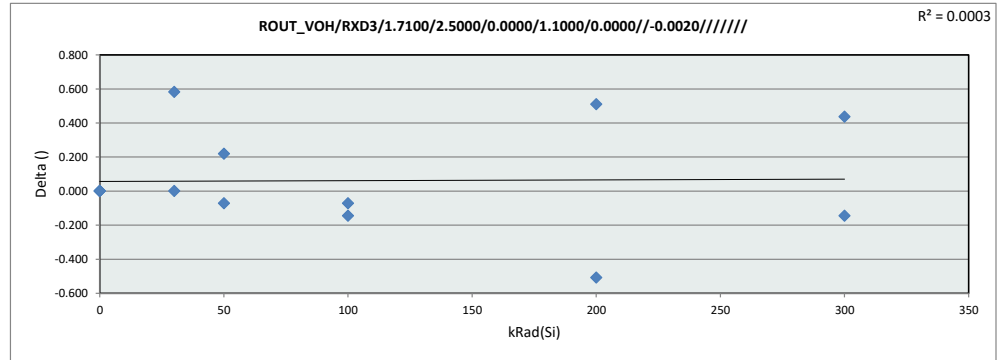


TID Report
DP83561-SP

ROUT_VOH/RXD3/1.7100/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

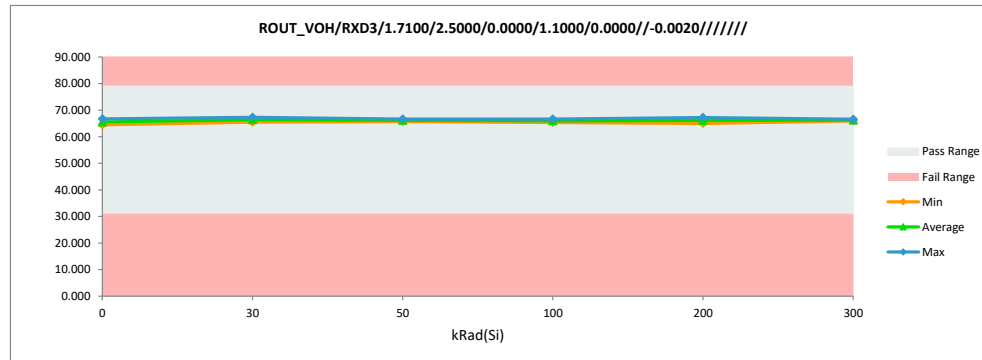
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.498	65.498	0.000
0	188A	64.480	64.480	0.000
0	191A	66.734	66.734	0.000
30	181B	65.498	65.498	0.000
30	191B	66.734	67.315	0.582
50	181C	65.498	65.716	0.218
50	191C	66.734	66.661	-0.073
100	181D	65.498	65.353	-0.145
100	191D	66.734	66.661	-0.073
200	181E	65.498	64.989	-0.509
200	191E	66.734	67.243	0.509
300	181F	65.498	65.934	0.436
300	191F	66.734	66.589	-0.145
	Max	66.734	67.315	0.582
	Average	65.990	66.052	0.062
	Min	64.480	64.480	-0.509
	Std Dev	0.767	0.882	0.302



ROUT_VOH/RXD3/1.7100/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.480	65.498	65.716	65.353	64.989	65.934
Average	65.571	66.407	66.189	66.007	66.116	66.261
Max	66.734	67.315	66.661	66.661	67.243	66.589
UL	79.000	79.000	79.000	79.000	79.000	79.000

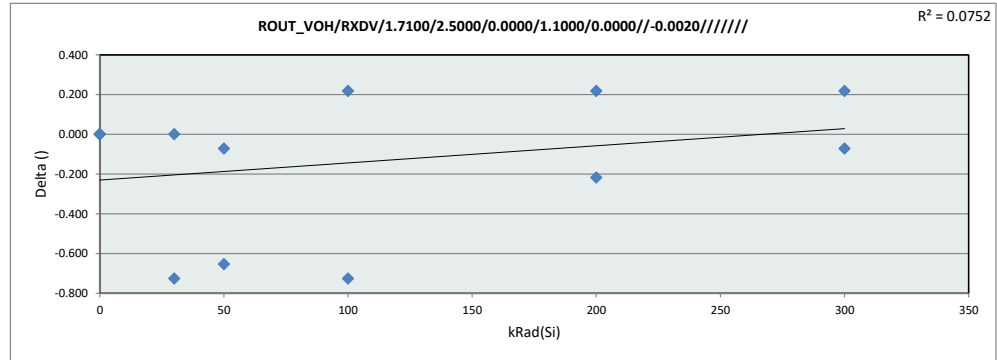


TID Report
DP83561-SP

ROUT_VOH/RXDV/1.7100/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

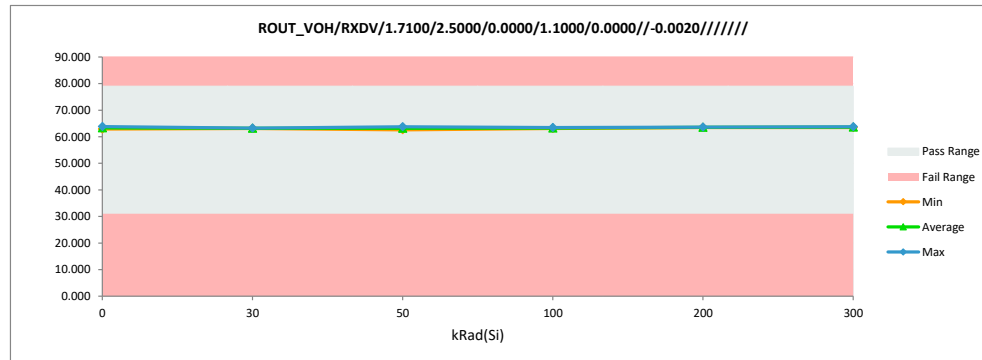
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.236	63.236	0.000
0	188A	62.872	62.872	0.000
0	191A	63.817	63.817	0.000
30	181B	63.236	63.236	0.000
30	191B	63.817	63.090	-0.727
50	181C	63.236	62.582	-0.654
50	191C	63.817	63.745	-0.073
100	181D	63.236	63.454	0.218
100	191D	63.817	63.090	-0.727
200	181E	63.236	63.454	0.218
200	191E	63.817	63.599	-0.218
300	181F	63.236	63.454	0.218
300	191F	63.817	63.745	-0.073
Max		63.817	63.817	0.218
Average		63.476	63.336	-0.140
Min		62.872	62.582	-0.727
Std Dev		0.343	0.365	0.345



ROUT_VOH/RXDV/1.7100/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	62.872	63.090	62.582	63.090	63.454	63.454
Average	63.308	63.163	63.163	63.272	63.527	63.599
Max	63.817	63.236	63.745	63.454	63.599	63.745
UL	79.000	79.000	79.000	79.000	79.000	79.000

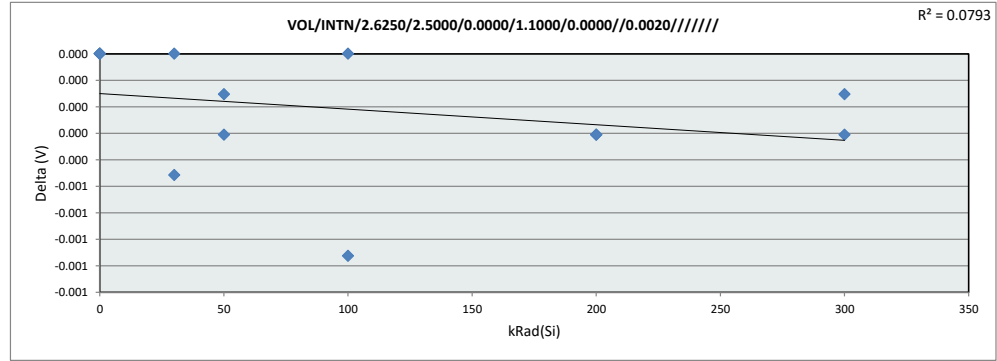


TID Report
DP83561-SP

VOL/INTN/2.6250/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

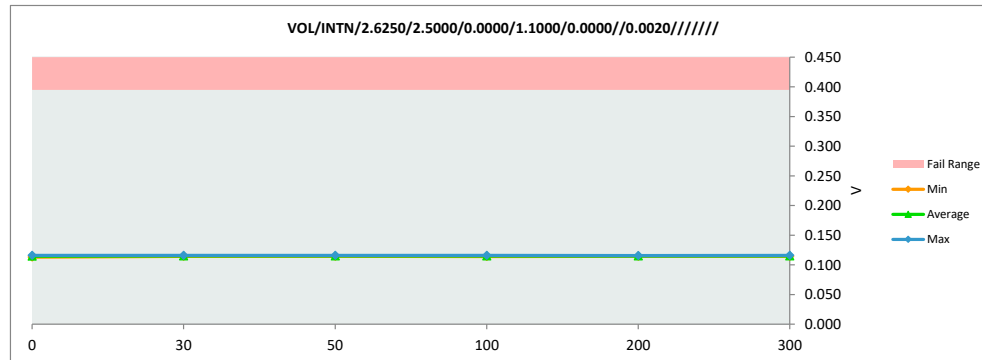
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.115	0.115	0.000
0	188A	0.113	0.113	0.000
0	191A	0.116	0.116	0.000
30	181B	0.115	0.114	0.000
30	191B	0.116	0.116	0.000
50	181C	0.115	0.114	0.000
50	191C	0.116	0.116	0.000
100	181D	0.115	0.114	-0.001
100	191D	0.116	0.116	0.000
200	181E	0.115	0.114	0.000
200	191E	0.116	0.116	0.000
300	181F	0.115	0.114	0.000
300	191F	0.116	0.116	0.000
Max		0.116	0.116	0.000
Average		0.115	0.115	0.000
Min		0.113	0.113	-0.001
Std Dev		0.001	0.001	0.000



VOL/INTN/2.6250/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.113	0.114	0.114	0.114	0.114	0.114
Average	0.114	0.115	0.115	0.115	0.115	0.115
Max	0.116	0.116	0.116	0.116	0.116	0.116
UL	0.395	0.395	0.395	0.395	0.395	0.395

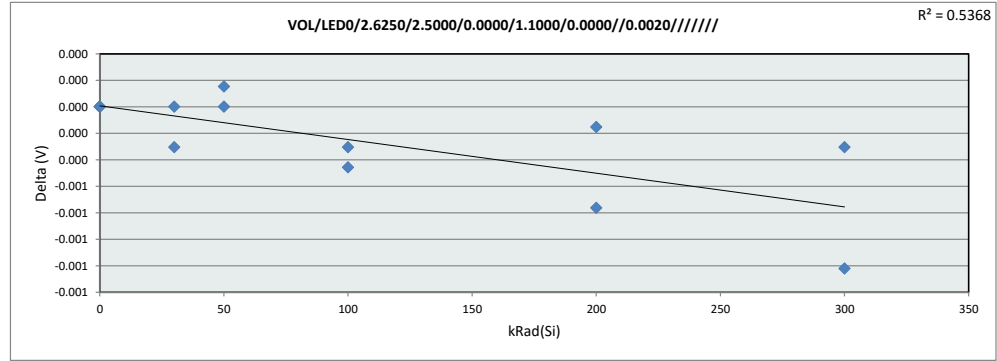


TID Report
DP83561-SP

VOL/LED0/2.6250/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

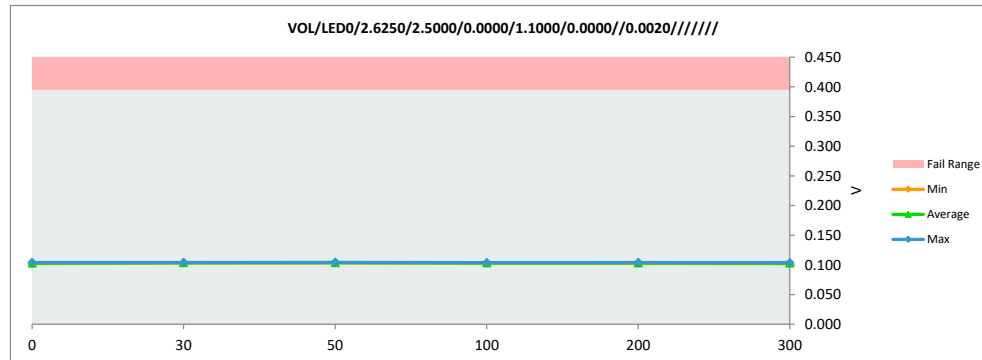
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.102	0.102	0.000
0	191A	0.104	0.104	0.000
30	181B	0.103	0.103	0.000
30	191B	0.104	0.104	0.000
50	181C	0.103	0.103	0.000
50	191C	0.104	0.104	0.000
100	181D	0.103	0.103	0.000
100	191D	0.104	0.104	0.000
200	181E	0.103	0.102	-0.001
200	191E	0.104	0.104	0.000
300	181F	0.103	0.102	-0.001
300	191F	0.104	0.104	0.000
Max		0.104	0.104	0.000
Average		0.103	0.103	0.000
Min		0.102	0.102	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED0/2.6250/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

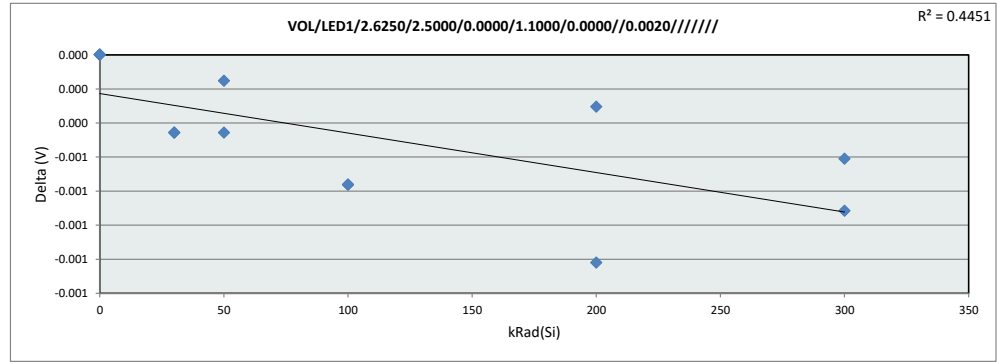
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.103	0.103	0.103	0.102	0.102
Average	0.103	0.103	0.104	0.103	0.103	0.103
Max	0.104	0.104	0.104	0.104	0.104	0.104
UL	0.395	0.395	0.395	0.395	0.395	0.395



TID Report
DP83561-SP

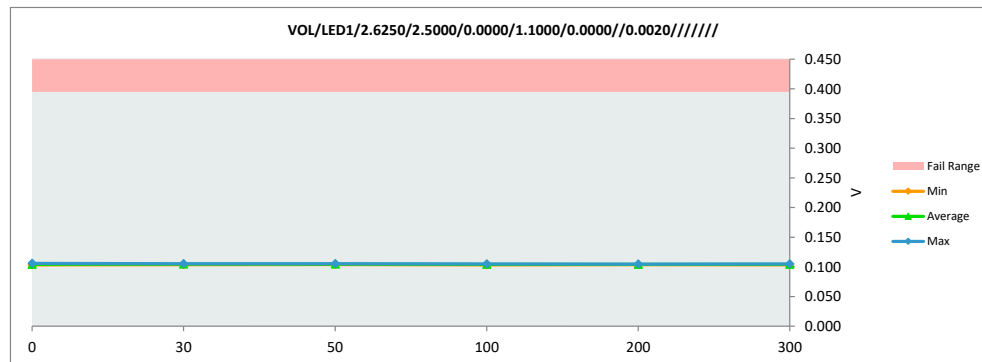
VOL/LED1/2.6250/2.5000/0.000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.104	0.104	0.000
0	188A	0.103	0.103	0.000
0	191A	0.106	0.106	0.000
30	181B	0.104	0.104	0.000
30	191B	0.106	0.105	0.000
50	181C	0.104	0.104	0.000
50	191C	0.106	0.105	0.000
100	181D	0.104	0.103	-0.001
100	191D	0.106	0.105	-0.001
200	181E	0.104	0.104	0.000
200	191E	0.106	0.105	-0.001
300	181F	0.104	0.103	-0.001
300	191F	0.106	0.105	-0.001
Max		0.106	0.106	0.000
Average		0.105	0.104	0.000
Min		0.103	0.103	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED1/2.6250/2.5000/0.000		
Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	0.395000011	V
Min Limit		V

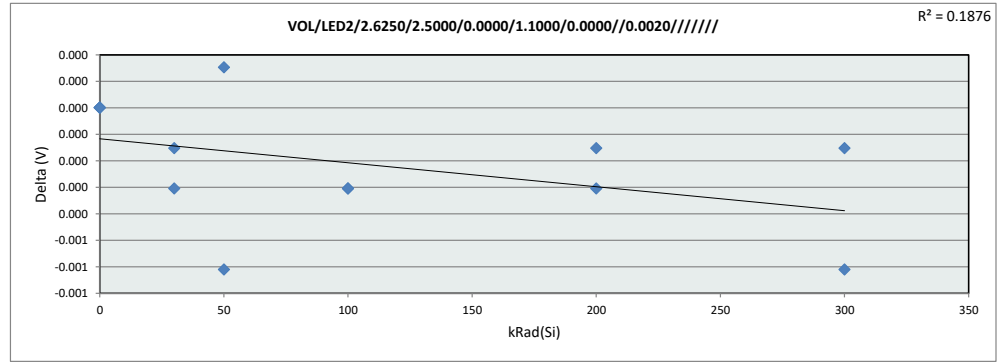
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.103	0.104	0.104	0.103	0.104	0.103
Average	0.104	0.104	0.105	0.104	0.104	0.104
Max	0.106	0.105	0.105	0.105	0.105	0.105
UL	0.395	0.395	0.395	0.395	0.395	0.395



TID Report
DP83561-SP

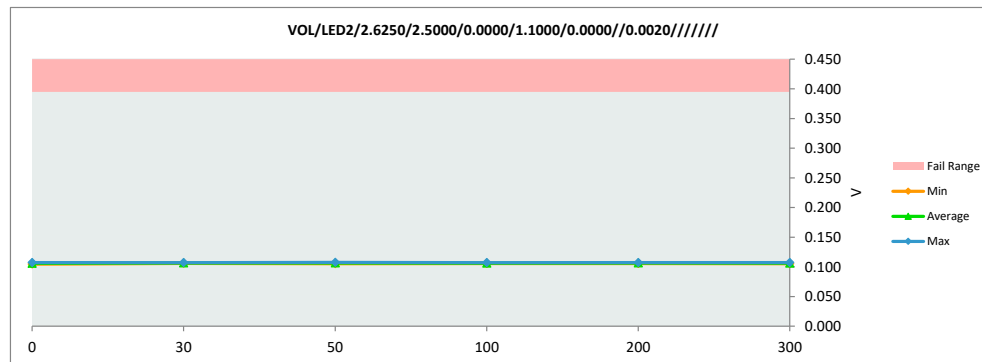
VOL/LED2/2.6250/2.5000/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.106	0.106	0.000
0	188A	0.104	0.104	0.000
0	191A	0.107	0.107	0.000
30	181B	0.106	0.106	0.000
30	191B	0.107	0.107	0.000
50	181C	0.106	0.105	-0.001
50	191C	0.107	0.107	0.000
100	181D	0.106	0.106	0.000
100	191D	0.107	0.107	0.000
200	181E	0.106	0.106	0.000
200	191E	0.107	0.107	0.000
300	181F	0.106	0.105	-0.001
300	191F	0.107	0.107	0.000
Max		0.107	0.107	0.000
Average		0.106	0.106	0.000
Min		0.104	0.104	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED2/2.6250/2.5000/0.0000		
Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	0.395000011	V
Min Limit		V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.104	0.106	0.105	0.106	0.106	0.105
Average	0.106	0.106	0.106	0.106	0.106	0.106
Max	0.107	0.107	0.107	0.107	0.107	0.107
UL	0.395	0.395	0.395	0.395	0.395	0.395

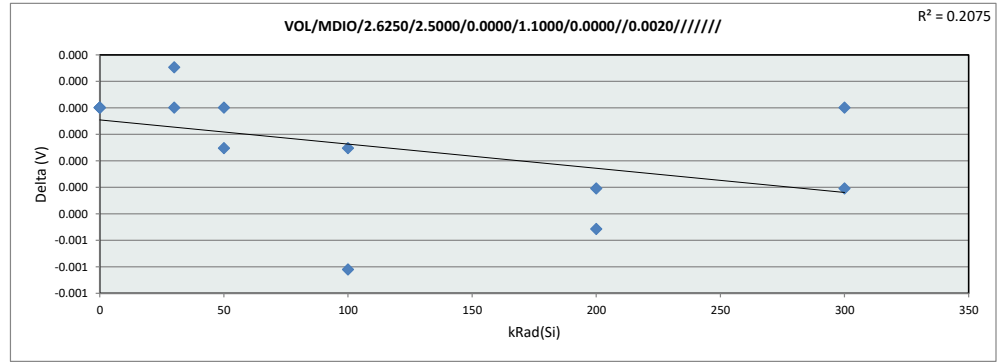


TID Report
DP83561-SP

VOL/MDIO/2.6250/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

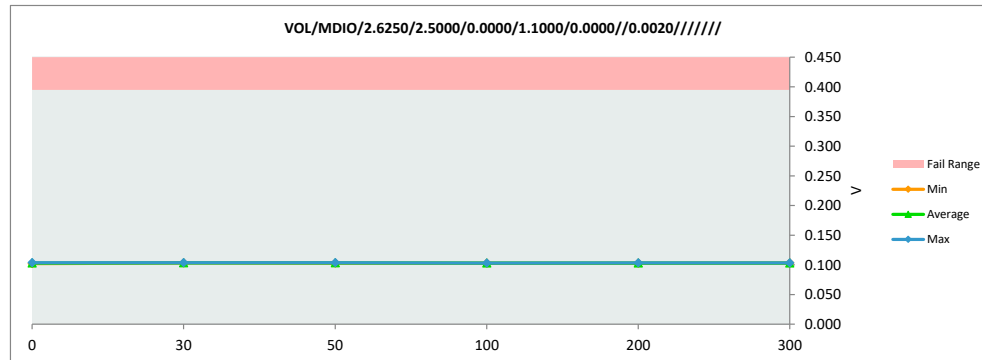
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.102	0.102	0.000
0	191A	0.104	0.104	0.000
30	181B	0.103	0.103	0.000
30	191B	0.104	0.104	0.000
50	181C	0.103	0.103	0.000
50	191C	0.104	0.104	0.000
100	181D	0.103	0.103	0.000
100	191D	0.104	0.103	-0.001
200	181E	0.103	0.102	0.000
200	191E	0.104	0.103	0.000
300	181F	0.103	0.103	0.000
300	191F	0.104	0.103	0.000
Max		0.104	0.104	0.000
Average		0.103	0.103	0.000
Min		0.102	0.102	-0.001
Std Dev		0.000	0.000	0.000



VOL/MDIO/2.6250/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

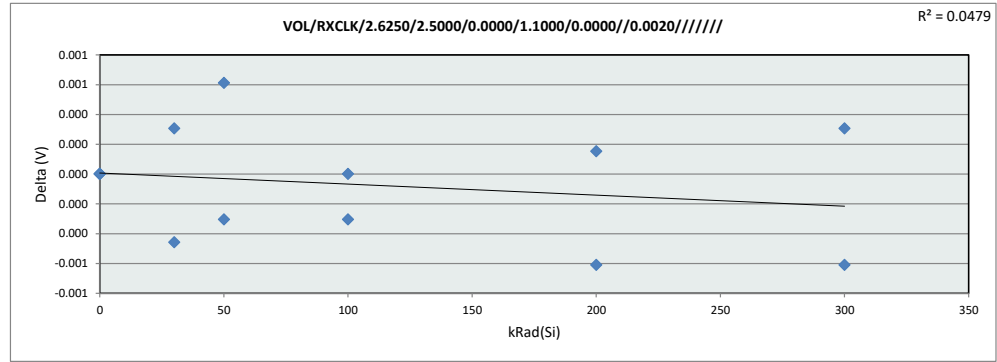
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.103	0.103	0.103	0.102	0.103
Average	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.104	0.104	0.104	0.103	0.103	0.103
UL	0.395	0.395	0.395	0.395	0.395	0.395



TID Report
DP83561-SP

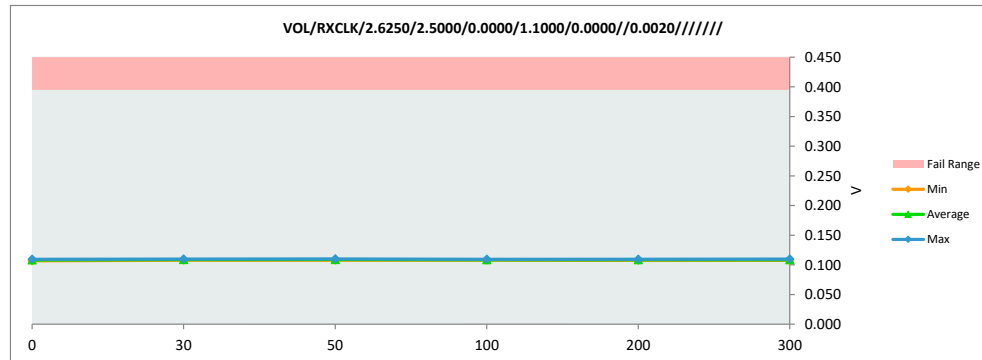
VOL/RXCLK/2.6250/2.5000/0.0000/1.1000/0.0000//0.0020////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.109	0.109	0.000
0	188A	0.107	0.107	0.000
0	191A	0.108	0.108	0.000
30	181B	0.109	0.110	0.000
30	191B	0.108	0.108	0.000
50	181C	0.109	0.110	0.001
50	191C	0.108	0.108	0.000
100	181D	0.109	0.109	0.000
100	191D	0.108	0.108	0.000
200	181E	0.109	0.109	0.000
200	191E	0.108	0.108	-0.001
300	181F	0.109	0.110	0.000
300	191F	0.108	0.108	-0.001
Max		0.109	0.110	0.001
Average		0.109	0.109	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXCLK/2.6250/2.5000/0.0000/1.1000/0.0000//0.0020////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.395000011	V
Min Limit		V

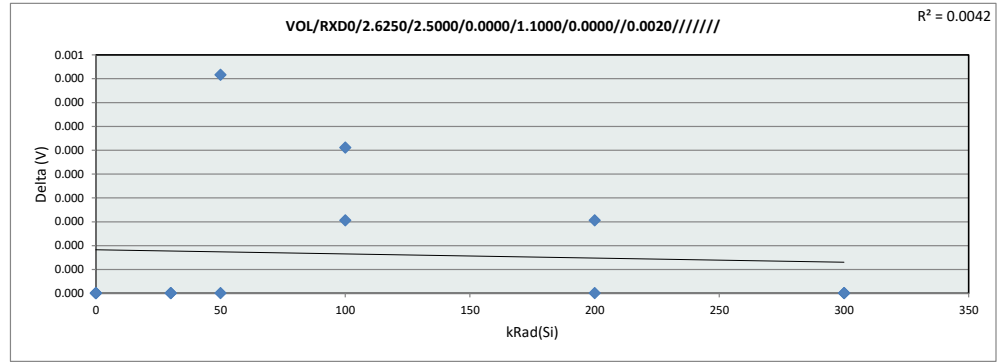
kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.108	0.108	0.108
Average	0.108	0.109	0.109	0.109	0.109	0.109
Max	0.109	0.110	0.110	0.109	0.109	0.110
UL	0.395	0.395	0.395	0.395	0.395	0.395



TID Report
DP83561-SP

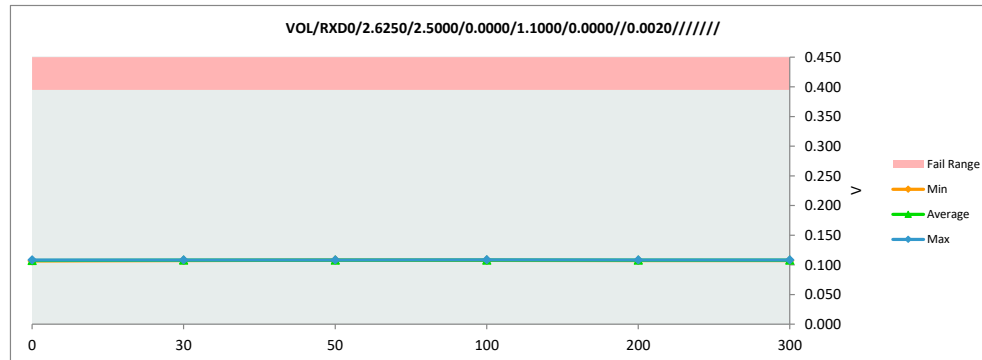
VOL/RXD0/2.6250/2.5000/0.0000/1.1000/0.0000/0.0020////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.107	0.107	0.000
0	188A	0.107	0.107	0.000
0	191A	0.108	0.108	0.000
30	181B	0.107	0.107	0.000
30	191B	0.108	0.108	0.000
50	181C	0.107	0.108	0.000
50	191C	0.108	0.108	0.000
100	181D	0.107	0.107	0.000
100	191D	0.108	0.108	0.000
200	181E	0.107	0.107	0.000
200	191E	0.108	0.108	0.000
300	181F	0.107	0.107	0.000
300	191F	0.108	0.108	0.000
Max		0.108	0.108	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	0.000
Std Dev		0.000	0.001	0.000



VOL/RXD0/2.6250/2.5000/0.0000/1.1000/0.0000/0.0020////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.395000011	V
Min Limit		V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.107	0.108	0.107	0.107	0.107
Average	0.107	0.108	0.108	0.108	0.108	0.108
Max	0.108	0.108	0.108	0.108	0.108	0.108
UL	0.395	0.395	0.395	0.395	0.395	0.395

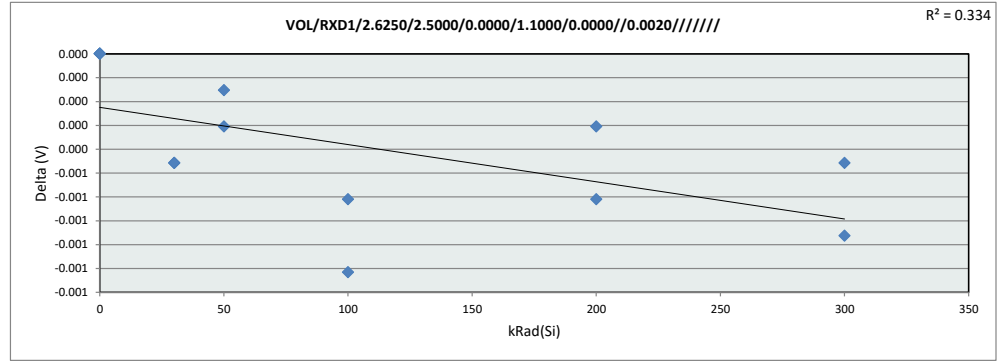


TID Report
DP83561-SP

VOL/RXD1/2.6250/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

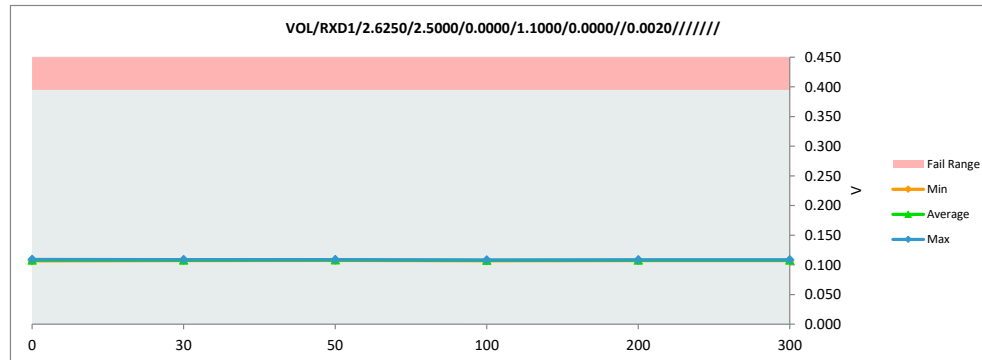
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.107	0.107	0.000
0	191A	0.109	0.109	0.000
30	181B	0.108	0.107	0.000
30	191B	0.109	0.109	0.000
50	181C	0.108	0.107	0.000
50	191C	0.109	0.109	0.000
100	181D	0.108	0.107	-0.001
100	191D	0.109	0.108	-0.001
200	181E	0.108	0.107	0.000
200	191E	0.109	0.109	-0.001
300	181F	0.108	0.107	0.000
300	191F	0.109	0.108	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD1/2.6250/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.107	0.107	0.107	0.107	0.107
Average	0.108	0.108	0.108	0.108	0.108	0.108
Max	0.109	0.109	0.109	0.108	0.109	0.108
UL	0.395	0.395	0.395	0.395	0.395	0.395

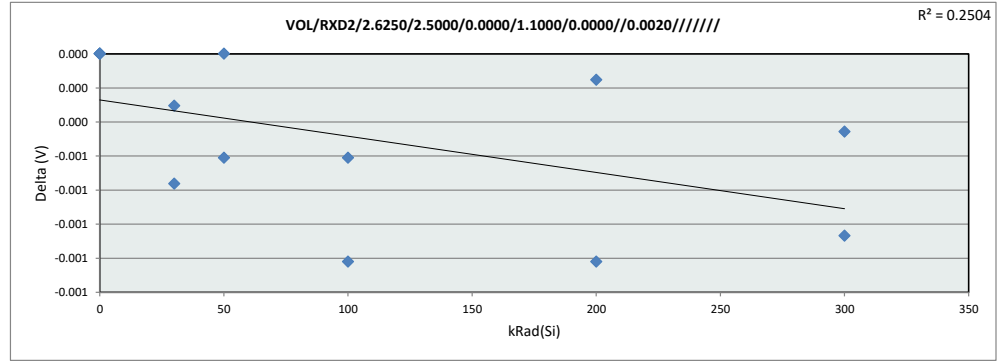


TID Report
DP83561-SP

VOL/RXD2/2.6250/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

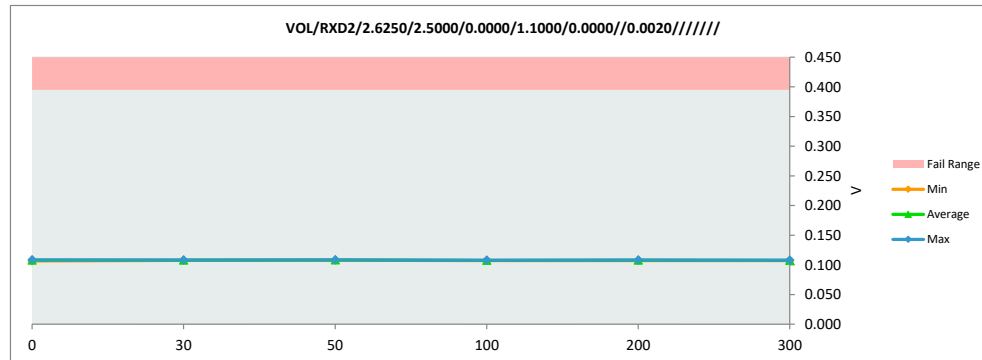
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.107	0.107	0.000
0	191A	0.108	0.108	0.000
30	181B	0.108	0.108	-0.001
30	191B	0.108	0.108	0.000
50	181C	0.108	0.108	-0.001
50	191C	0.108	0.108	0.000
100	181D	0.108	0.107	-0.001
100	191D	0.108	0.108	-0.001
200	181E	0.108	0.107	-0.001
200	191E	0.108	0.108	0.000
300	181F	0.108	0.107	-0.001
300	191F	0.108	0.108	0.000
Max		0.108	0.108	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD2/2.6250/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.107	0.107	0.108
Average	0.108	0.108	0.108	0.107	0.108	0.108
Max	0.108	0.108	0.108	0.108	0.108	0.108
UL	0.395	0.395	0.395	0.395	0.395	0.395

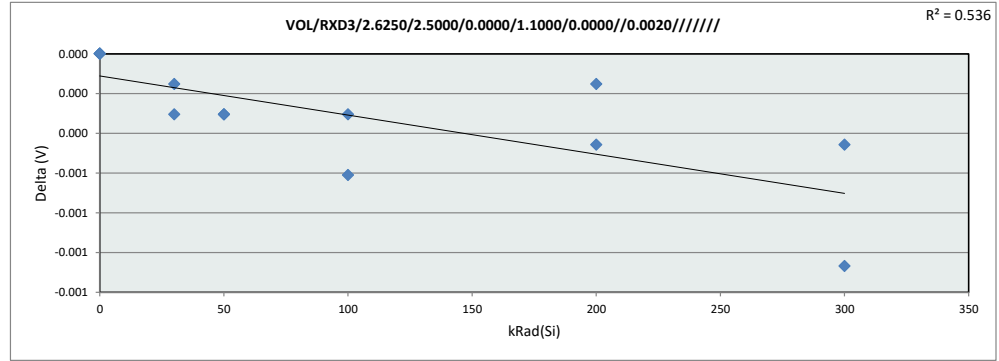


TID Report
DP83561-SP

VOL/RXD3/2.6250/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

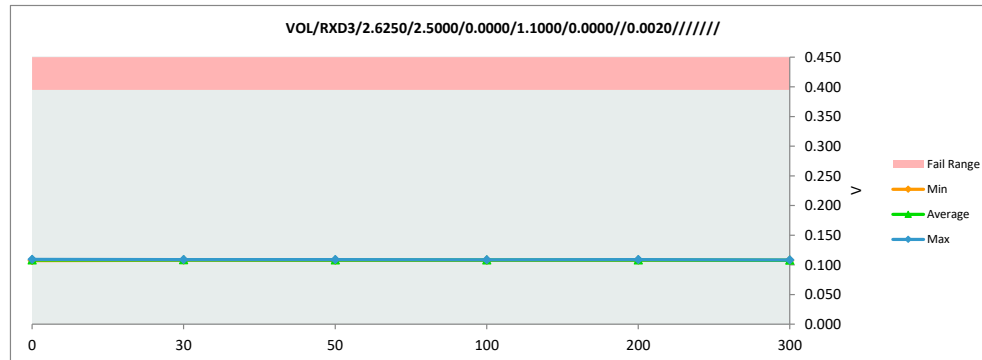
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.107	0.107	0.000
0	191A	0.109	0.109	0.000
30	181B	0.108	0.108	0.000
30	191B	0.109	0.109	0.000
50	181C	0.108	0.108	0.000
50	191C	0.109	0.109	0.000
100	181D	0.108	0.108	0.000
100	191D	0.109	0.109	-0.001
200	181E	0.108	0.108	0.000
200	191E	0.109	0.109	0.000
300	181F	0.108	0.107	0.000
300	191F	0.109	0.108	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD3/2.6250/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.108	0.108	0.107
Average	0.108	0.108	0.108	0.108	0.108	0.108
Max	0.109	0.109	0.109	0.109	0.109	0.108
UL	0.395	0.395	0.395	0.395	0.395	0.395

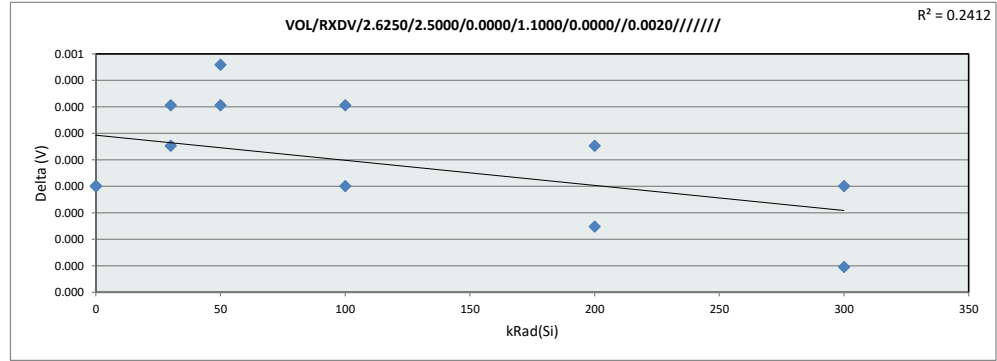


TID Report
DP83561-SP

VOL/RXDV/2.6250/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

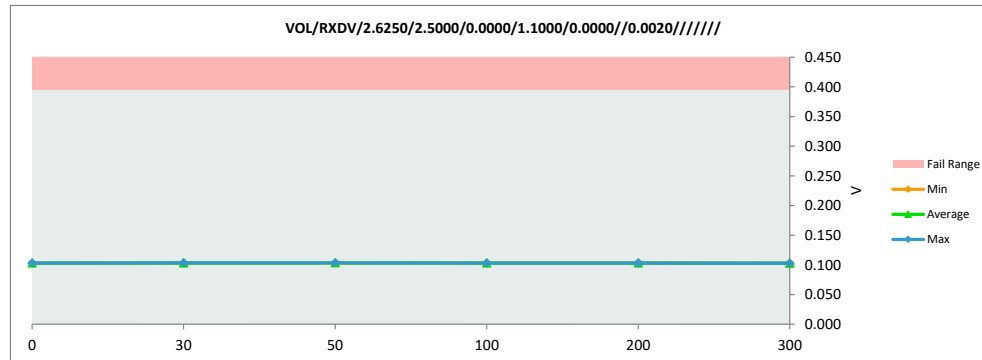
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.103	0.103	0.000
0	191A	0.103	0.103	0.000
30	181B	0.103	0.103	0.000
30	191B	0.103	0.103	0.000
50	181C	0.103	0.103	0.000
50	191C	0.103	0.103	0.000
100	181D	0.103	0.103	0.000
100	191D	0.103	0.103	0.000
200	181E	0.103	0.103	0.000
200	191E	0.103	0.103	0.000
300	181F	0.103	0.103	0.000
300	191F	0.103	0.103	0.000
Max		0.103	0.103	0.000
Average		0.103	0.103	0.000
Min		0.103	0.103	0.000
Std Dev		0.000	0.000	0.000



VOL/RXDV/2.6250/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.103	0.103	0.103	0.103	0.103	0.103
Average	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.103	0.103	0.103	0.103	0.103	0.103
UL	0.395	0.395	0.395	0.395	0.395	0.395

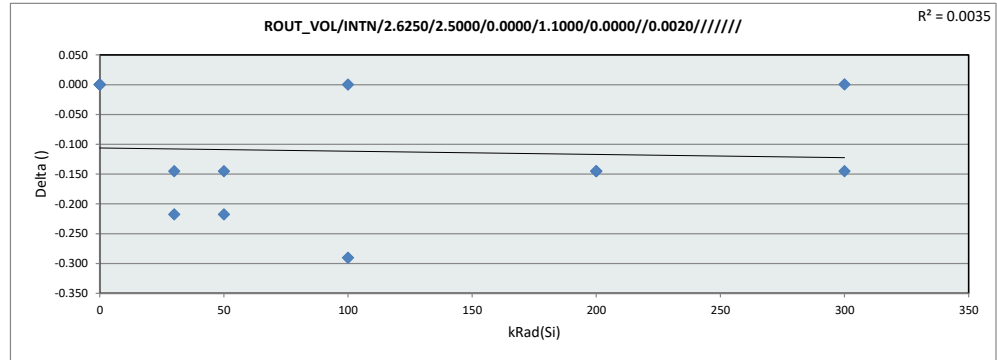


TID Report
DP83561-SP

ROUT_VOL/INTN/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

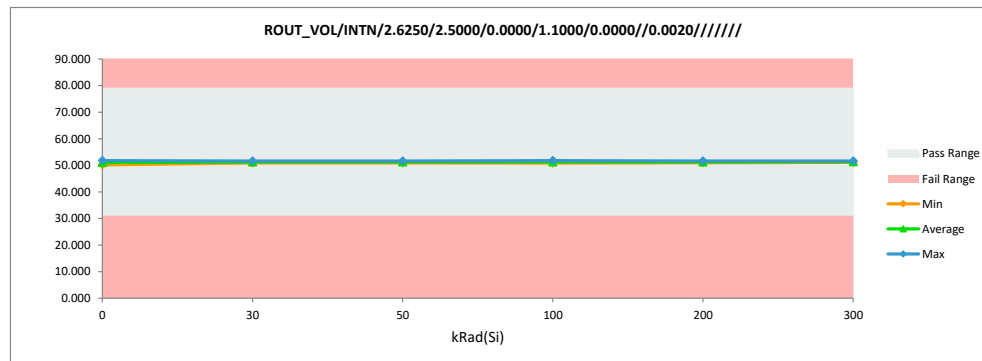
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.101	51.101	0.000
0	188A	50.156	50.156	0.000
0	191A	51.755	51.755	0.000
30	181B	51.101	50.883	-0.218
30	191B	51.755	51.610	-0.145
50	181C	51.101	50.883	-0.218
50	191C	51.755	51.610	-0.145
100	181D	51.101	50.811	-0.291
100	191D	51.755	51.755	0.000
200	181E	51.101	50.956	-0.145
200	191E	51.755	51.610	-0.145
300	181F	51.101	51.101	0.000
300	191F	51.755	51.610	-0.145
Max		51.755	51.755	0.000
Average		51.331	51.219	-0.112
Min		50.156	50.156	-0.291
Std Dev		0.481	0.484	0.101



ROUT_VOL/INTN/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.156	50.883	50.883	50.811	50.956	51.101
Average	51.004	51.247	51.247	51.283	51.283	51.356
Max	51.755	51.610	51.610	51.755	51.610	51.610
UL	79.000	79.000	79.000	79.000	79.000	79.000

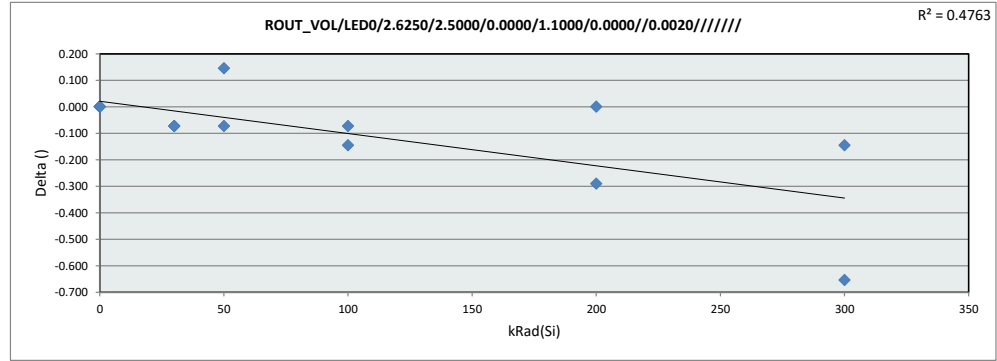


TID Report
DP83561-SP

ROUT_VOL/LEDO/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

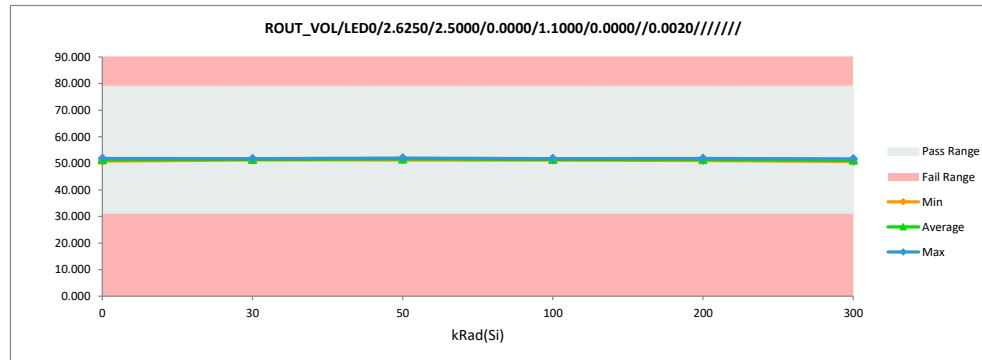
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.315	51.315	0.000
0	188A	50.807	50.807	0.000
0	191A	51.824	51.824	0.000
30	181B	51.315	51.243	-0.073
30	191B	51.824	51.752	-0.073
50	181C	51.315	51.243	-0.073
50	191C	51.824	51.970	0.145
100	181D	51.315	51.170	-0.145
100	191D	51.824	51.752	-0.073
200	181E	51.315	51.025	-0.291
200	191E	51.824	51.824	0.000
300	181F	51.315	50.661	-0.654
300	191F	51.824	51.679	-0.145
Max		51.824	51.970	0.145
Average		51.511	51.405	-0.106
Min		50.807	50.661	-0.654
Std Dev		0.331	0.424	0.194



ROUT_VOL/LEDO/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.807	51.243	51.243	51.170	51.025	50.661
Average	51.315	51.497	51.606	51.461	51.424	51.170
Max	51.824	51.752	51.970	51.752	51.824	51.679
UL	79.000	79.000	79.000	79.000	79.000	79.000

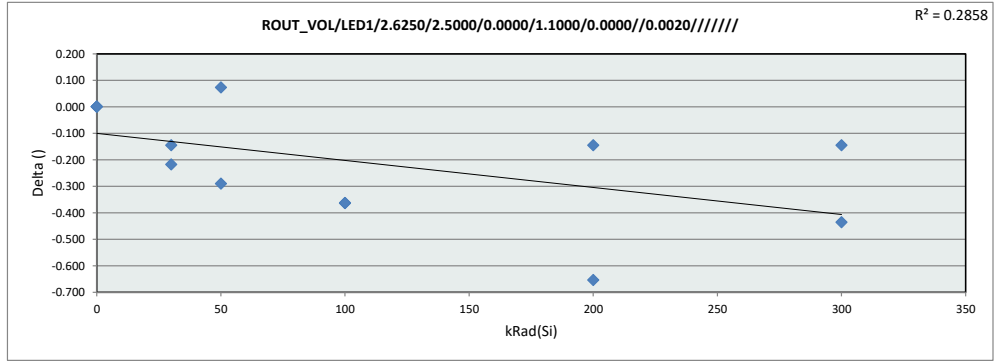


TID Report
DP83561-SP

ROUT_VOL/LED1/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

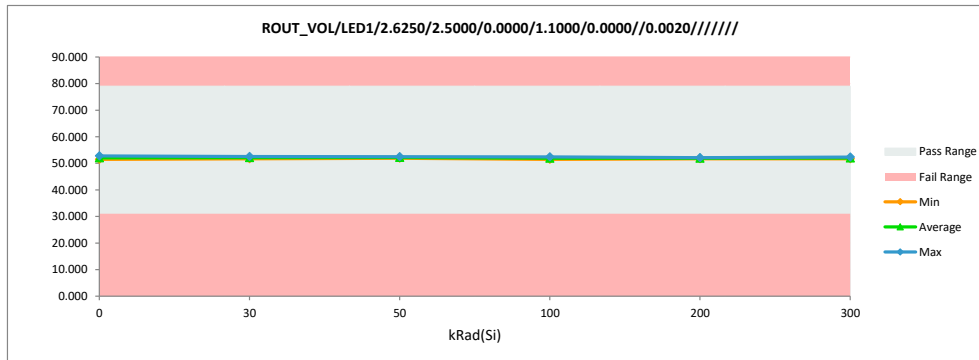
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.826	51.826	0.000
0	188A	51.462	51.462	0.000
0	191A	52.771	52.771	0.000
30	181B	51.826	51.680	-0.145
30	191B	52.771	52.553	-0.218
50	181C	51.826	51.898	0.073
50	191C	52.771	52.480	-0.291
100	181D	51.826	51.462	-0.363
100	191D	52.771	52.407	-0.363
200	181E	51.826	51.680	-0.145
200	191E	52.771	52.116	-0.654
300	181F	51.826	51.680	-0.145
300	191F	52.771	52.334	-0.436
Max		52.771	52.771	0.073
Average		52.234	52.027	-0.207
Min		51.462	51.462	-0.654
Std Dev		0.526	0.441	0.210



ROUT_VOL/LED1/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	51.462	51.680	51.898	51.462	51.680	51.680
Average	52.020	52.116	52.189	51.935	51.898	52.007
Max	52.771	52.553	52.480	52.407	52.116	52.334
UL	79.000	79.000	79.000	79.000	79.000	79.000

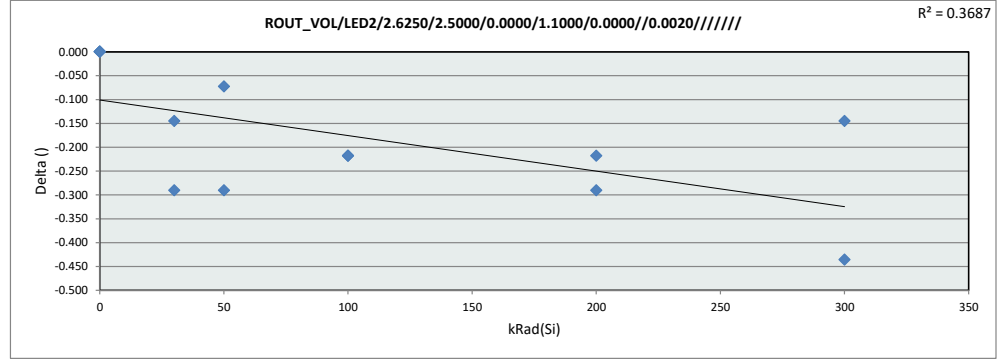


TID Report
DP83561-SP

ROUT_VOL/LED2/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

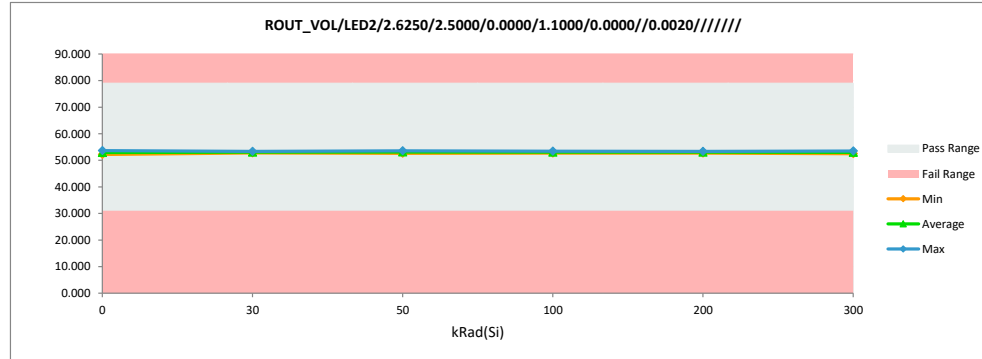
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	52.916	52.916	0.000
0	188A	52.190	52.190	0.000
0	191A	53.643	53.643	0.000
30	181B	52.916	52.771	-0.145
30	191B	53.643	53.353	-0.291
50	181C	52.916	52.626	-0.291
50	191C	53.643	53.571	-0.073
100	181D	52.916	52.698	-0.218
100	191D	53.643	53.425	-0.218
200	181E	52.916	52.698	-0.218
200	191E	53.643	53.353	-0.291
300	181F	52.916	52.480	-0.436
300	191F	53.643	53.498	-0.145
Max		53.643	53.643	0.000
Average		53.196	53.017	-0.179
Min		52.190	52.190	-0.436
Std Dev		0.473	0.476	0.135



ROUT_VOL/LED2/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	52.190	52.771	52.626	52.698	52.698	52.480
Average	52.916	53.062	53.098	53.062	53.025	52.989
Max	53.643	53.353	53.571	53.425	53.353	53.498
UL	79.000	79.000	79.000	79.000	79.000	79.000

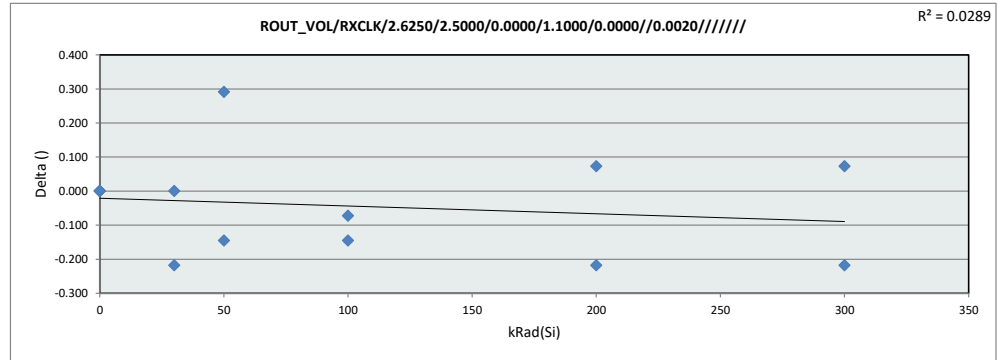


TID Report
DP83561-SP

ROUT_VOL/RXCLK/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

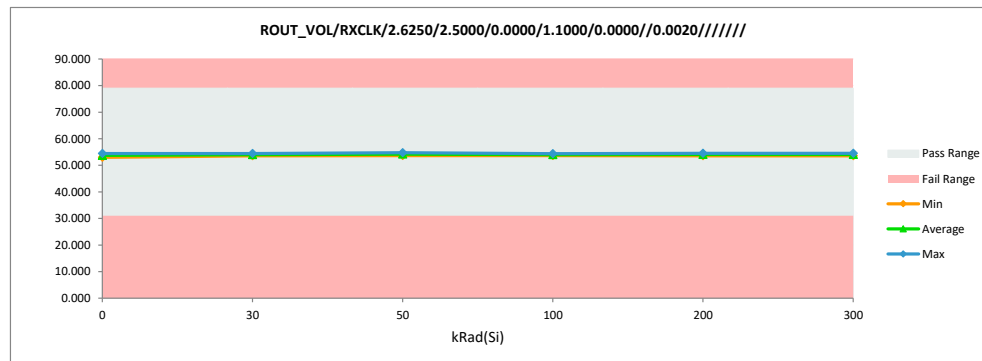
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	54.445	54.445	0.000
0	188A	52.992	52.992	0.000
0	191A	53.791	53.791	0.000
30	181B	54.445	54.445	0.000
30	191B	53.791	53.573	-0.218
50	181C	54.445	54.736	0.291
50	191C	53.791	53.646	-0.145
100	181D	54.445	54.373	-0.073
100	191D	53.791	53.646	-0.145
200	181E	54.445	54.518	0.073
200	191E	53.791	53.573	-0.218
300	181F	54.445	54.518	0.073
300	191F	53.791	53.573	-0.218
Max		54.445	54.736	0.291
Average		54.032	53.987	-0.045
Min		52.992	52.992	-0.218
Std Dev		0.452	0.538	0.147



ROUT_VOL/RXCLK/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	52.992	53.573	53.646	53.646	53.573	53.573
Average	53.743	54.009	54.191	54.009	54.046	54.046
Max	54.445	54.445	54.736	54.373	54.518	54.518
UL	79.000	79.000	79.000	79.000	79.000	79.000

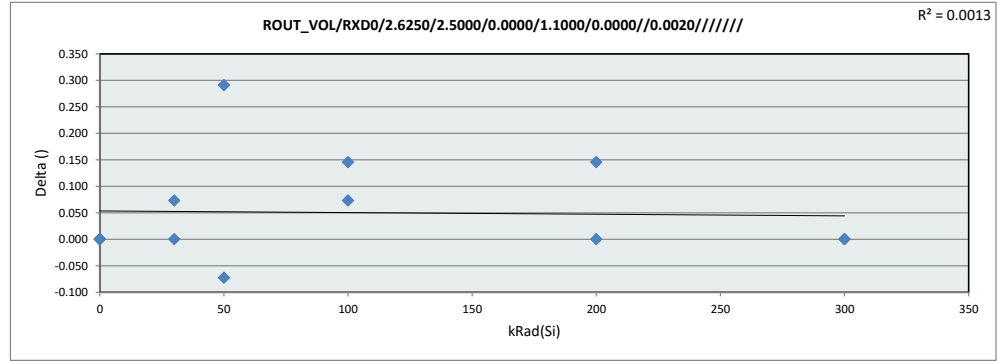


TID Report
DP83561-SP

ROUT_VOL/RXD0/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

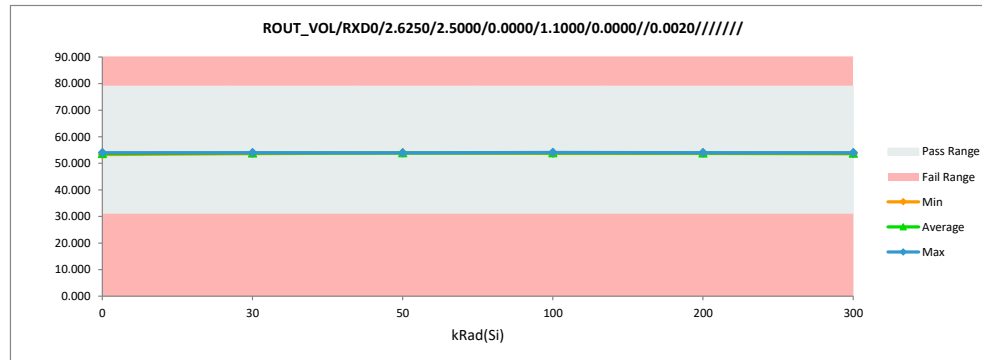
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.574	53.574	0.000
0	188A	53.284	53.284	0.000
0	191A	54.011	54.011	0.000
30	181B	53.574	53.647	0.073
30	191B	54.011	54.011	0.000
50	181C	53.574	53.865	0.291
50	191C	54.011	53.938	-0.073
100	181D	53.574	53.720	0.145
100	191D	54.011	54.083	0.073
200	181E	53.574	53.720	0.145
200	191E	54.011	54.011	0.000
300	181F	53.574	53.574	0.000
300	191F	54.011	54.011	0.000
Max		54.011	54.083	0.291
Average		53.753	53.804	0.050
Min		53.284	53.284	-0.073
Std Dev		0.260	0.239	0.096



ROUT_VOL/RXD0/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.284	53.647	53.865	53.720	53.720	53.574
Average	53.623	53.829	53.902	53.902	53.865	53.792
Max	54.011	54.011	53.938	54.083	54.011	54.011
UL	79.000	79.000	79.000	79.000	79.000	79.000

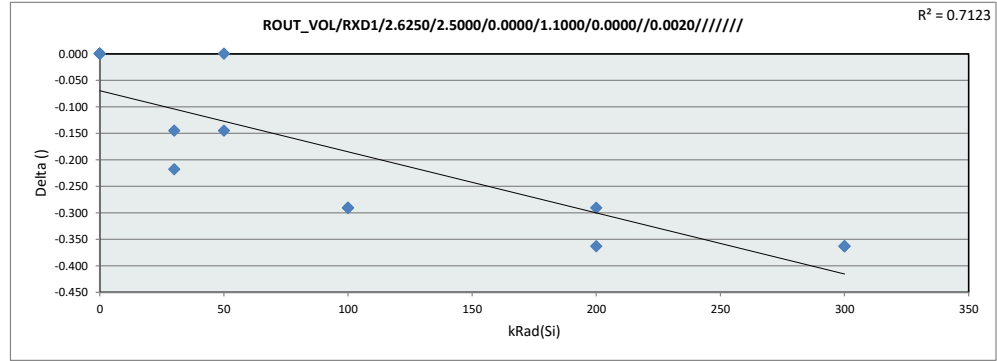


TID Report
DP83561-SP

ROUT_VOL/RXD1/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

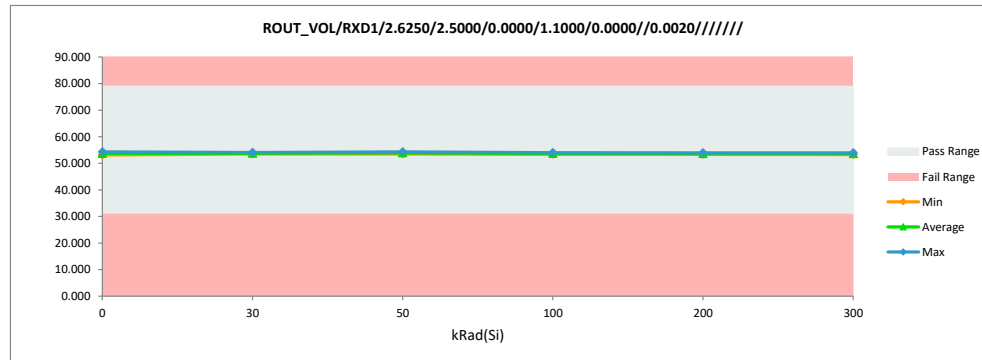
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.644	53.644	0.000
0	188A	53.135	53.135	0.000
0	191A	54.298	54.298	0.000
30	181B	53.644	53.498	-0.145
30	191B	54.298	54.080	-0.218
50	181C	53.644	53.498	-0.145
50	191C	54.298	54.298	0.000
100	181D	53.644	53.353	-0.291
100	191D	54.298	54.007	-0.291
200	181E	53.644	53.353	-0.291
200	191E	54.298	53.934	-0.363
300	181F	53.644	53.280	-0.363
300	191F	54.298	53.934	-0.363
Max		54.298	54.298	0.000
Average		53.906	53.716	-0.190
Min		53.135	53.135	-0.363
Std Dev		0.401	0.396	0.150



ROUT_VOL/RXD1/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.135	53.498	53.498	53.353	53.353	53.280
Average	53.692	53.789	53.898	53.680	53.644	53.607
Max	54.298	54.080	54.298	54.007	53.934	53.934
UL	79.000	79.000	79.000	79.000	79.000	79.000

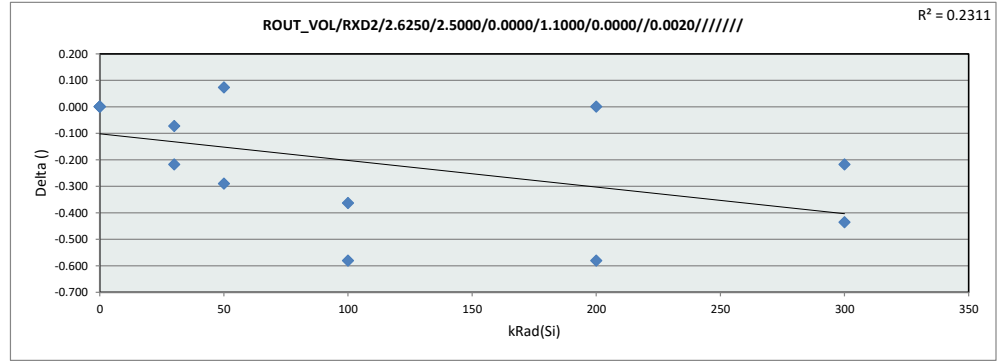


TID Report
DP83561-SP

ROUT_VOL/RXD2/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

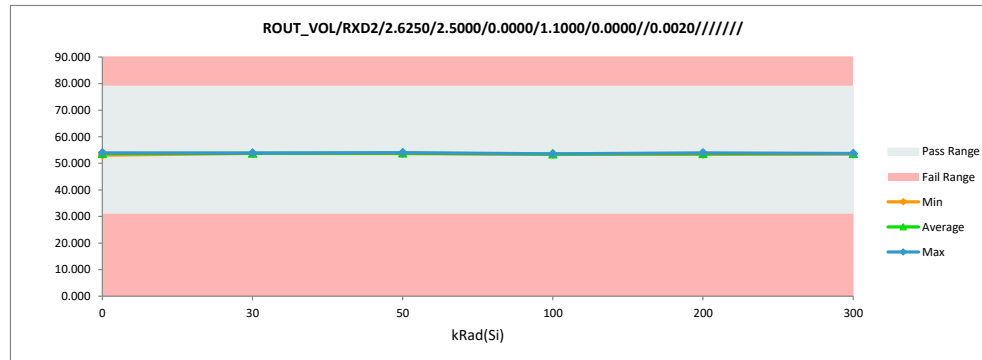
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.931	53.931	0.000
0	188A	53.059	53.059	0.000
0	191A	53.931	53.931	0.000
30	181B	53.931	53.713	-0.218
30	191B	53.931	53.858	-0.073
50	181C	53.931	53.640	-0.291
50	191C	53.931	54.004	0.073
100	181D	53.931	53.349	-0.581
100	191D	53.931	53.568	-0.363
200	181E	53.931	53.349	-0.581
200	191E	53.931	53.931	0.000
300	181F	53.931	53.495	-0.436
300	191F	53.931	53.713	-0.218
Max		53.931	54.004	0.073
Average		53.864	53.657	-0.207
Min		53.059	53.059	-0.581
Std Dev		0.242	0.285	0.230



ROUT_VOL/RXD2/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.059	53.713	53.640	53.349	53.349	53.495
Average	53.640	53.786	53.822	53.459	53.640	53.604
Max	53.931	53.858	54.004	53.568	53.931	53.713
UL	79.000	79.000	79.000	79.000	79.000	79.000

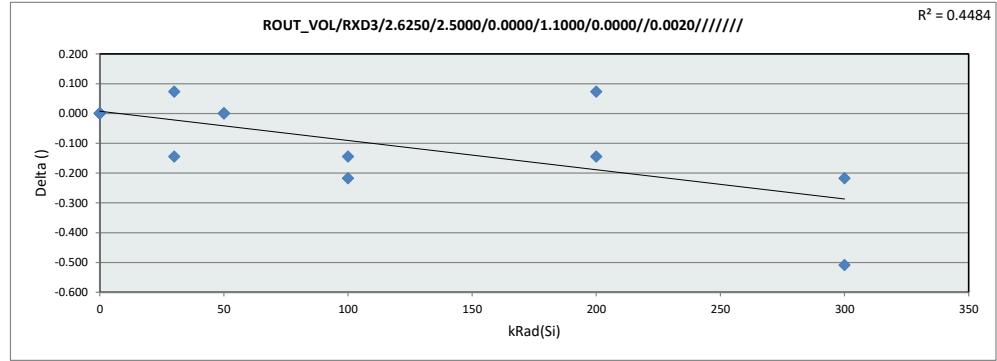


TID Report
DP83561-SP

ROUT_VOL/RXD3/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

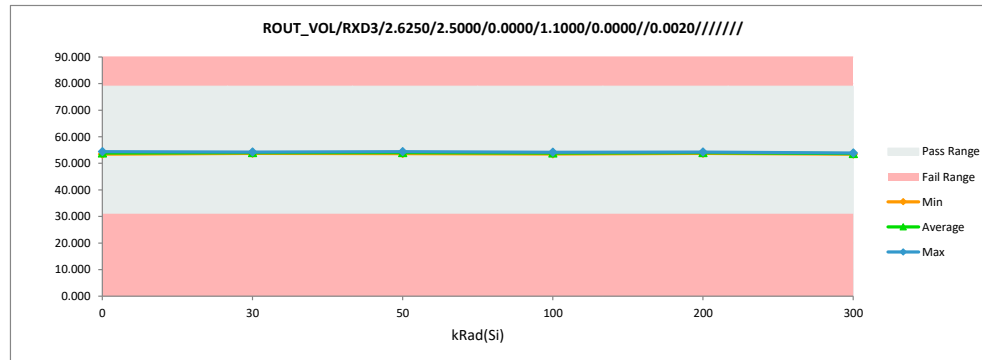
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.649	53.649	0.000
0	188A	53.431	53.431	0.000
0	191A	54.376	54.376	0.000
30	181B	53.649	53.722	0.073
30	191B	54.376	54.230	-0.145
50	181C	53.649	53.649	0.000
50	191C	54.376	54.376	0.000
100	181D	53.649	53.503	-0.145
100	191D	54.376	54.158	-0.218
200	181E	53.649	53.722	0.073
200	191E	54.376	54.230	-0.145
300	181F	53.649	53.431	-0.218
300	191F	54.376	53.867	-0.509
Max		54.376	54.376	0.073
Average		53.968	53.873	-0.095
Min		53.431	53.431	-0.509
Std Dev		0.398	0.355	0.161



ROUT_VOL/RXD3/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.431	53.722	53.649	53.503	53.722	53.431
Average	53.818	53.976	54.012	53.831	53.976	53.649
Max	54.376	54.230	54.376	54.158	54.230	53.867
UL	79.000	79.000	79.000	79.000	79.000	79.000

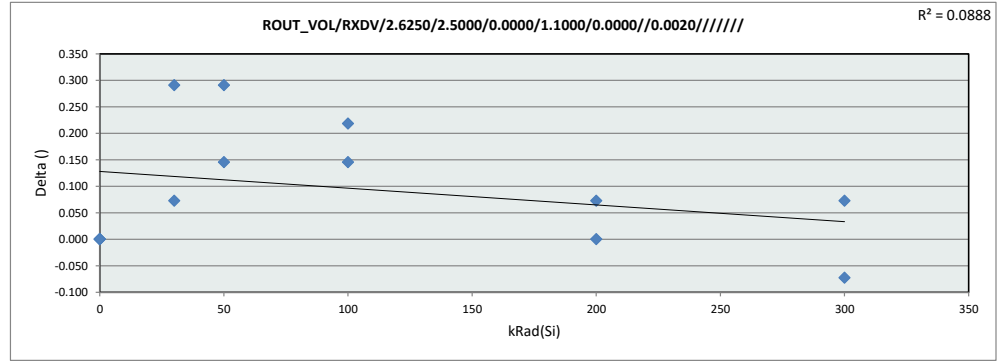


TID Report
DP83561-SP

ROUT_VOL/RXDV/2.6250/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

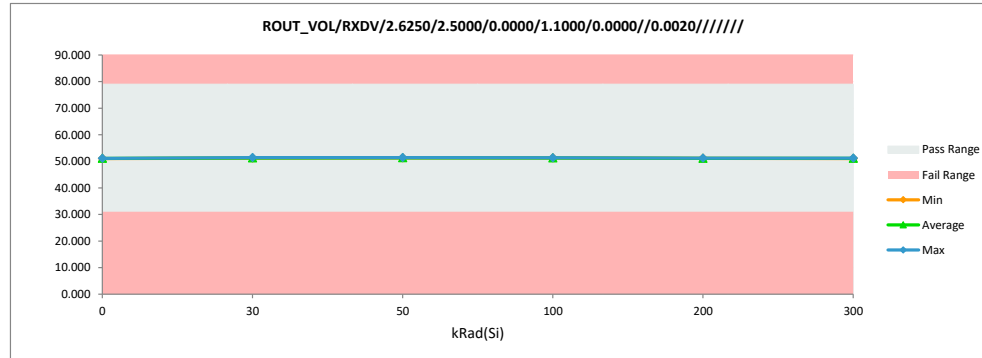
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.097	51.097	0.000
0	188A	51.025	51.025	0.000
0	191A	51.097	51.097	0.000
30	181B	51.097	51.388	0.291
30	191B	51.097	51.170	0.073
50	181C	51.097	51.388	0.291
50	191C	51.097	51.243	0.145
100	181D	51.097	51.315	0.218
100	191D	51.097	51.243	0.145
200	181E	51.097	51.097	0.000
200	191E	51.097	51.170	0.073
300	181F	51.097	51.025	-0.073
300	191F	51.097	51.170	0.073
Max		51.097	51.388	0.291
Average		51.092	51.187	0.095
Min		51.025	51.025	-0.073
Std Dev		0.020	0.123	0.116



ROUT_VOL/RXDV/2.6250/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	51.025	51.170	51.243	51.243	51.097	51.025
Average	51.073	51.279	51.315	51.279	51.134	51.097
Max	51.097	51.388	51.388	51.315	51.170	51.170
UL	79.000	79.000	79.000	79.000	79.000	79.000

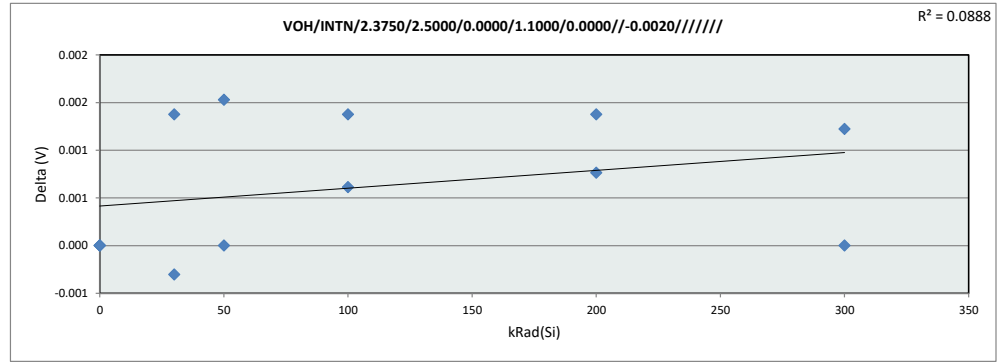


TID Report
DP83561-SP

VOH/INTN/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

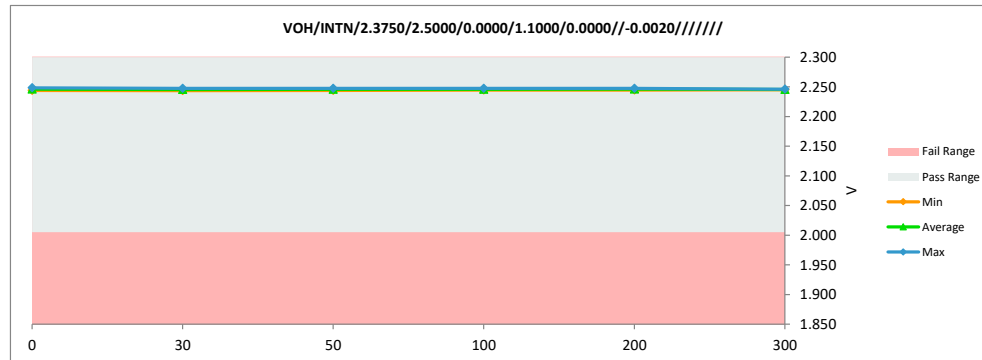
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.246	2.246	0.000
0	188A	2.248	2.248	0.000
0	191A	2.244	2.244	0.000
30	181B	2.246	2.247	0.001
30	191B	2.244	2.244	0.000
50	181C	2.246	2.248	0.002
50	191C	2.244	2.244	0.000
100	181D	2.246	2.247	0.001
100	191D	2.244	2.244	0.001
200	181E	2.246	2.247	0.001
200	191E	2.244	2.245	0.001
300	181F	2.246	2.246	0.000
300	191F	2.244	2.245	0.001
Max		2.248	2.248	0.002
Average		2.245	2.246	0.001
Min		2.244	2.244	0.000
Std Dev		0.001	0.002	0.001



VOH/INTN/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.244	2.244	2.244	2.244	2.245	2.245
Average	2.246	2.245	2.246	2.246	2.246	2.246
Max	2.248	2.247	2.248	2.247	2.247	2.246
UL						

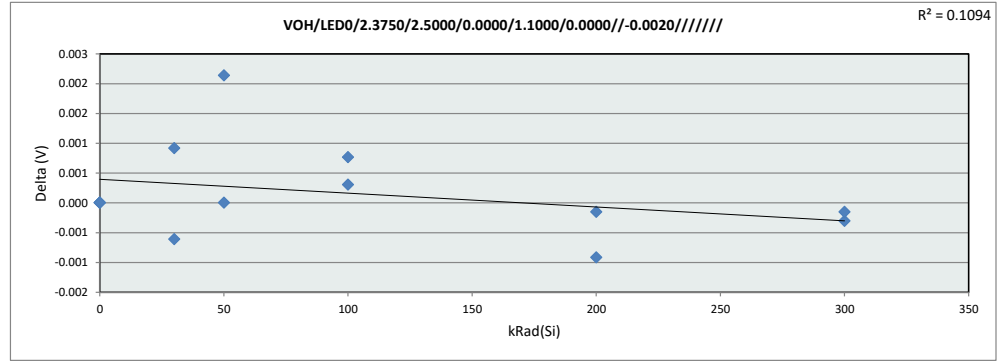


TID Report
DP83561-SP

VOH/LED0/2.3750/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

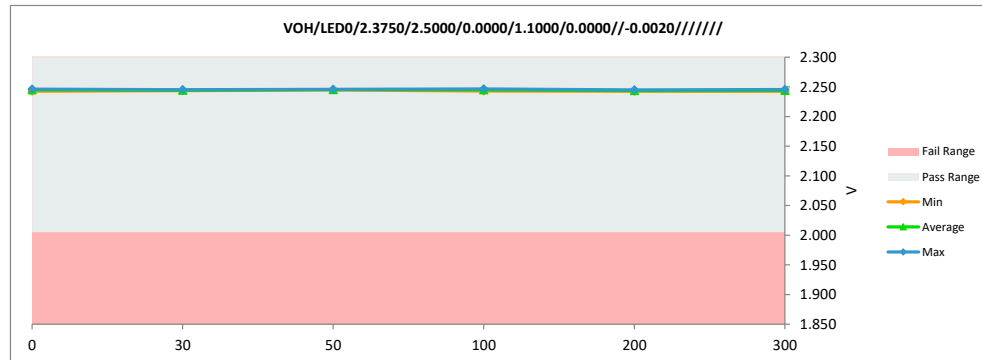
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.246	2.246	0.000
0	188A	2.246	2.246	0.000
0	191A	2.243	2.243	0.000
30	181B	2.246	2.245	-0.001
30	191B	2.243	2.244	0.001
50	181C	2.246	2.246	0.000
50	191C	2.243	2.245	0.002
100	181D	2.246	2.246	0.001
100	191D	2.243	2.243	0.000
200	181E	2.246	2.245	-0.001
200	191E	2.243	2.243	0.000
300	181F	2.246	2.245	0.000
300	191F	2.243	2.243	0.000
Max		2.246	2.246	0.002
Average		2.244	2.244	0.000
Min		2.243	2.243	-0.001
Std Dev		0.002	0.001	0.001



VOH/LED0/2.3750/2.5000/0.0000/1.1000/0.0000//0.0020////////

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

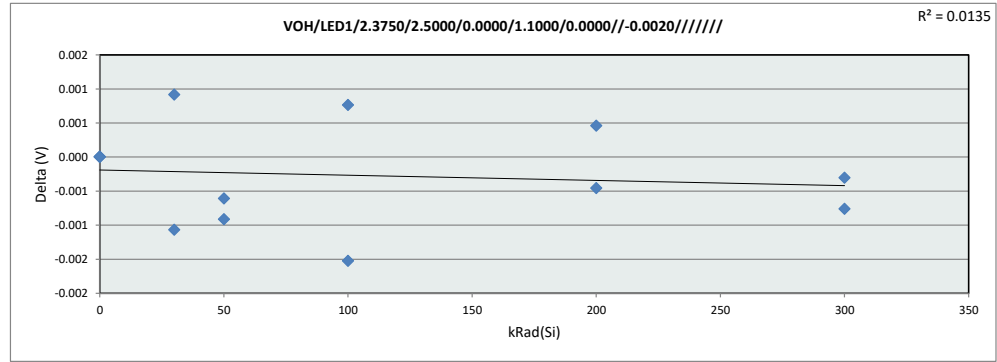
kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.243	2.244	2.245	2.243	2.243	2.243
Average	2.245	2.244	2.245	2.245	2.244	2.244
Max	2.246	2.245	2.246	2.246	2.245	2.245
UL						



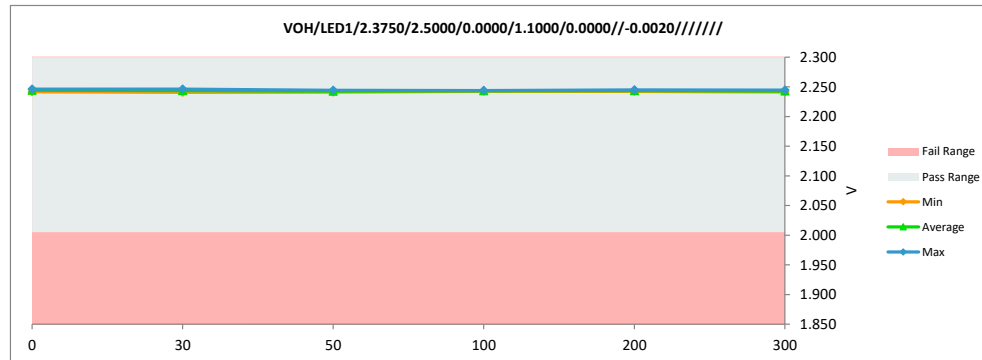
TID Report
DP83561-SP

VOH/LED1/2.3750/2.5000/0.0000/1.1000/0.0000/-0.0020////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.245	2.245	0.000
0	188A	2.246	2.246	0.000
0	191A	2.242	2.242	0.000
30	181B	2.245	2.246	0.001
30	191B	2.242	2.241	-0.001
50	181C	2.245	2.244	-0.001
50	191C	2.242	2.241	-0.001
100	181D	2.245	2.244	-0.002
100	191D	2.242	2.242	0.001
200	181E	2.245	2.245	0.000
200	191E	2.242	2.242	0.000
300	181F	2.245	2.244	-0.001
300	191F	2.242	2.241	0.000
Max		2.246	2.246	0.001
Average		2.244	2.243	0.000
Min		2.242	2.241	-0.002
Std Dev		0.002	0.002	0.001



VOH/LED1/2.3750/2.5000/0.0000/1.1000/0.0000/-0.0020////////						
Test Site	SVA					
Tester	UFLEX					
Test Number	PF3386					
Max Limit	V					
Min Limit	2.005000114					
kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.242	2.241	2.241	2.242	2.242	2.241
Average	2.244	2.243	2.243	2.243	2.243	2.243
Max	2.246	2.246	2.244	2.244	2.245	2.244
UL						

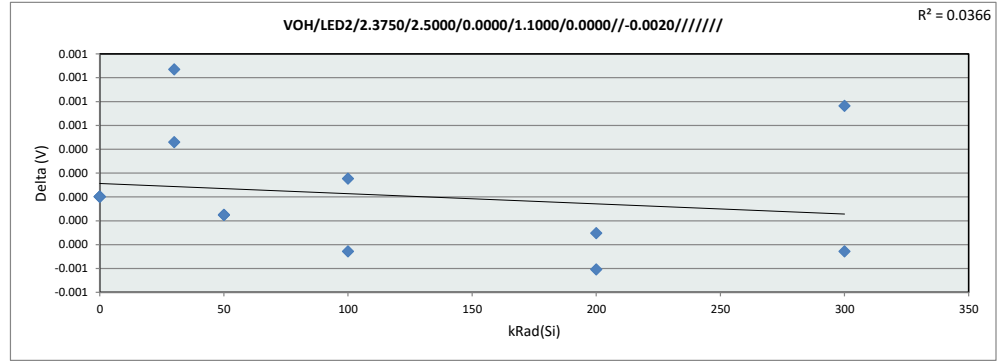


TID Report
DP83561-SP

VOH/LED2/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

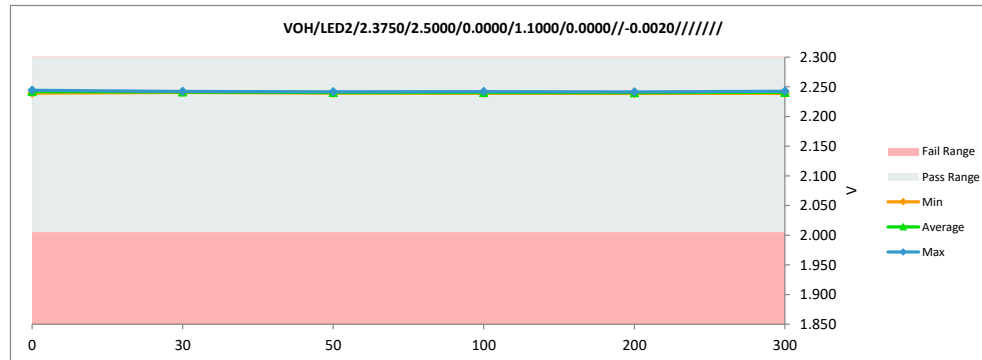
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.242	2.242	0.000
0	188A	2.244	2.244	0.000
0	191A	2.239	2.239	0.000
30	181B	2.242	2.242	0.000
30	191B	2.239	2.241	0.001
50	181C	2.242	2.242	0.000
50	191C	2.239	2.239	0.000
100	181D	2.242	2.242	0.000
100	191D	2.239	2.239	0.000
200	181E	2.242	2.241	0.000
200	191E	2.239	2.239	-0.001
300	181F	2.242	2.243	0.001
300	191F	2.239	2.239	0.000
Max		2.244	2.244	0.001
Average		2.241	2.241	0.000
Min		2.239	2.239	-0.001
Std Dev		0.002	0.002	0.000



VOH/LED2/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.239	2.241	2.239	2.239	2.239	2.239
Average	2.242	2.241	2.240	2.240	2.240	2.241
Max	2.244	2.242	2.242	2.242	2.241	2.243
UL						

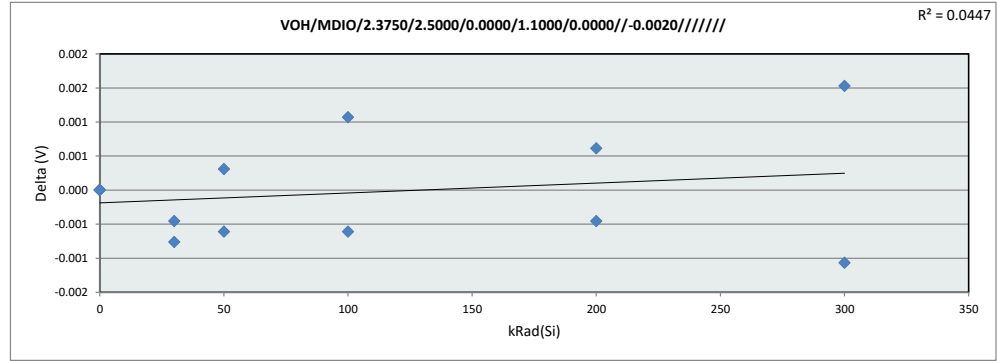


TID Report
DP83561-SP

VOH/MDIO/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

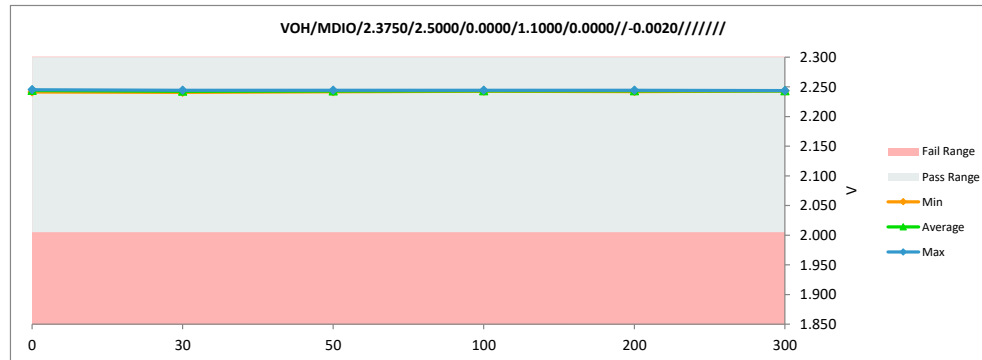
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.245	2.245	0.000
0	188A	2.245	2.245	0.000
0	191A	2.241	2.241	0.000
30	181B	2.245	2.244	0.000
30	191B	2.241	2.241	-0.001
50	181C	2.245	2.244	-0.001
50	191C	2.241	2.242	0.000
100	181D	2.245	2.244	-0.001
100	191D	2.241	2.242	0.001
200	181E	2.245	2.244	0.000
200	191E	2.241	2.242	0.001
300	181F	2.245	2.244	-0.001
300	191F	2.241	2.243	0.002
Max		2.245	2.245	0.002
Average		2.243	2.243	0.000
Min		2.241	2.241	-0.001
Std Dev		0.002	0.001	0.001



VOH/MDIO/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

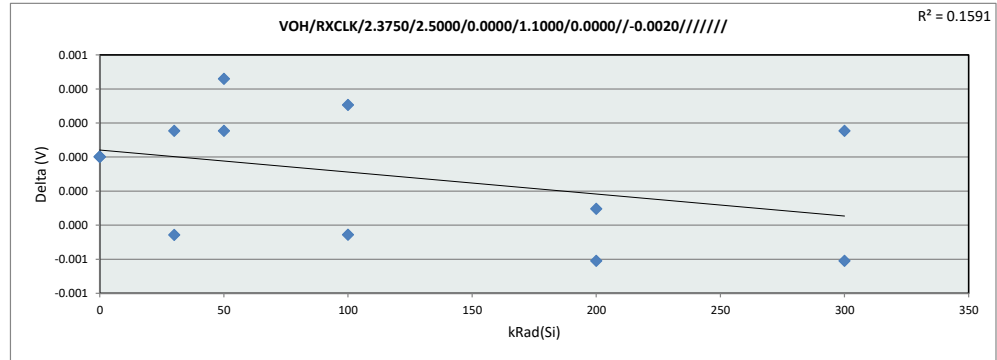
kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.241	2.241	2.242	2.242	2.242	2.243
Average	2.244	2.242	2.243	2.243	2.243	2.243
Max	2.245	2.244	2.244	2.244	2.244	2.244
UL						



TID Report
DP83561-SP

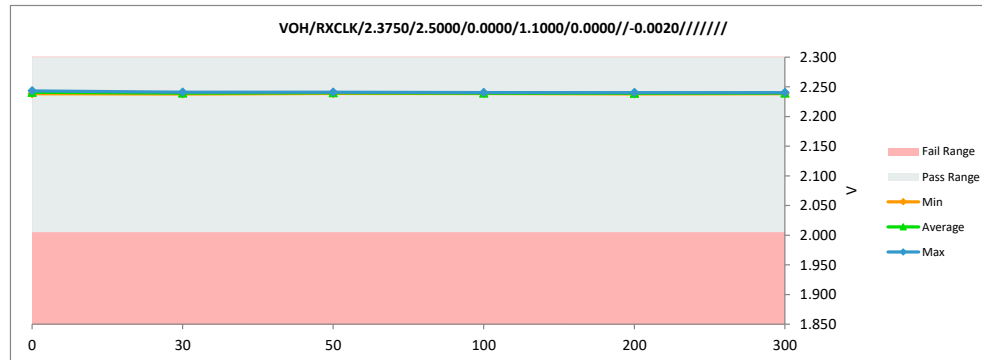
VOH/RXCLK/2.3750/2.5000/0.0		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.238	2.238	0.000
0	188A	2.243	2.243	0.000
0	191A	2.241	2.241	0.000
30	181B	2.238	2.238	0.000
30	191B	2.241	2.241	0.000
50	181C	2.238	2.239	0.000
50	191C	2.241	2.241	0.000
100	181D	2.238	2.239	0.000
100	191D	2.241	2.240	0.000
200	181E	2.238	2.238	0.000
200	191E	2.241	2.240	-0.001
300	181F	2.238	2.239	0.000
300	191F	2.241	2.240	-0.001
Max		2.243	2.243	0.000
Average		2.240	2.240	0.000
Min		2.238	2.238	-0.001
Std Dev		0.002	0.002	0.000



VOH/RXCLK/2.3750/2.5000/0		
Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	V	
Min Limit	2.005000114	V

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.238	2.238	2.239	2.239	2.238	2.239
Average	2.241	2.239	2.240	2.240	2.239	2.239
Max	2.243	2.241	2.241	2.240	2.240	2.240
UL						

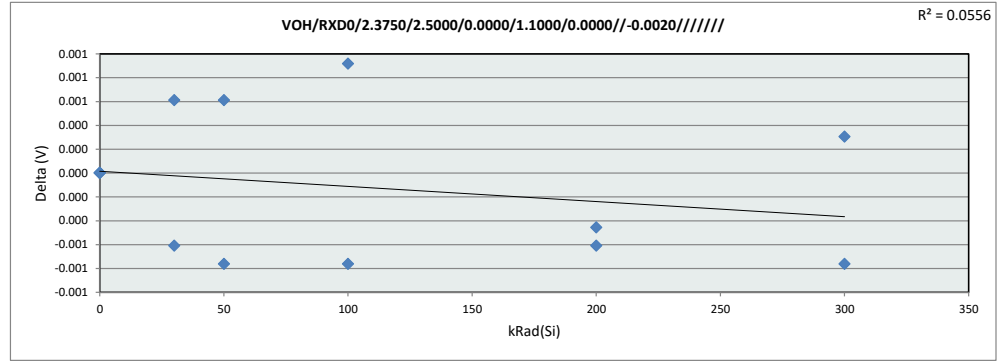


TID Report
DP83561-SP

VOH/RXD0/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

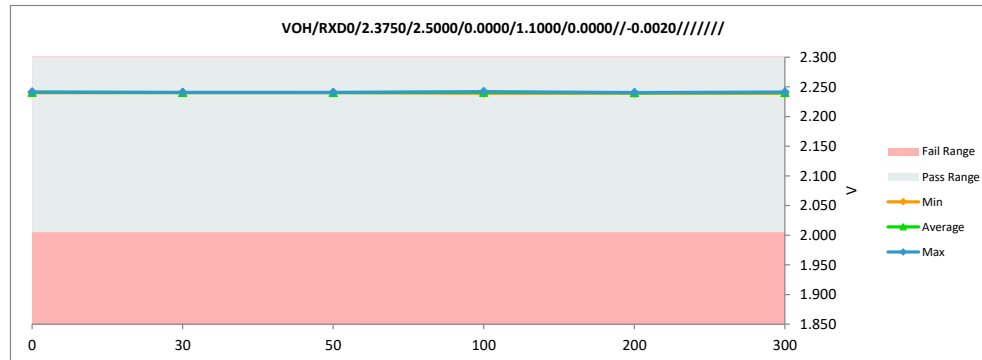
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.241	2.241	0.000
0	188A	2.241	2.241	0.000
0	191A	2.240	2.240	0.000
30	181B	2.241	2.240	-0.001
30	191B	2.240	2.241	0.001
50	181C	2.241	2.240	-0.001
50	191C	2.240	2.241	0.001
100	181D	2.241	2.242	0.001
100	191D	2.240	2.239	-0.001
200	181E	2.241	2.240	-0.001
200	191E	2.240	2.239	0.000
300	181F	2.241	2.241	0.000
300	191F	2.240	2.239	-0.001
Max		2.241	2.242	0.001
Average		2.241	2.240	0.000
Min		2.240	2.239	-0.001
Std Dev		0.001	0.001	0.001



VOH/RXD0/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.240	2.240	2.240	2.239	2.239	2.239
Average	2.241	2.240	2.240	2.240	2.240	2.240
Max	2.241	2.241	2.241	2.242	2.240	2.241
UL						

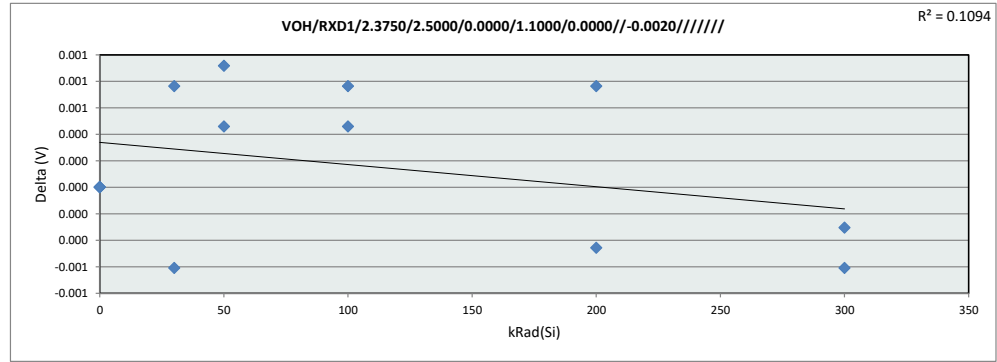


TID Report
DP83561-SP

VOH/RXD1/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

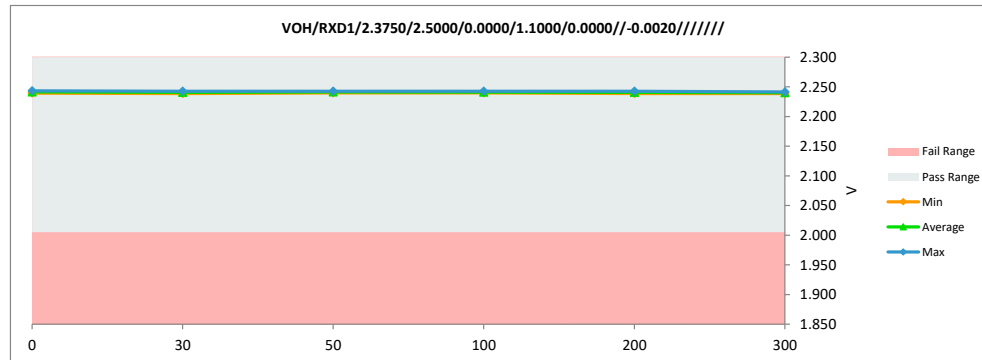
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.242	2.242	0.000
0	188A	2.243	2.243	0.000
0	191A	2.239	2.239	0.000
30	181B	2.242	2.242	0.001
30	191B	2.239	2.239	-0.001
50	181C	2.242	2.243	0.001
50	191C	2.239	2.240	0.000
100	181D	2.242	2.242	0.001
100	191D	2.239	2.240	0.000
200	181E	2.242	2.242	0.001
200	191E	2.239	2.239	0.000
300	181F	2.242	2.241	0.000
300	191F	2.239	2.239	-0.001
Max		2.243	2.243	0.001
Average		2.241	2.241	0.000
Min		2.239	2.239	-0.001
Std Dev		0.001	0.002	0.001



VOH/RXD1/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.239	2.239	2.240	2.240	2.239	2.239
Average	2.241	2.241	2.241	2.241	2.241	2.240
Max	2.243	2.242	2.243	2.242	2.242	2.241
UL						

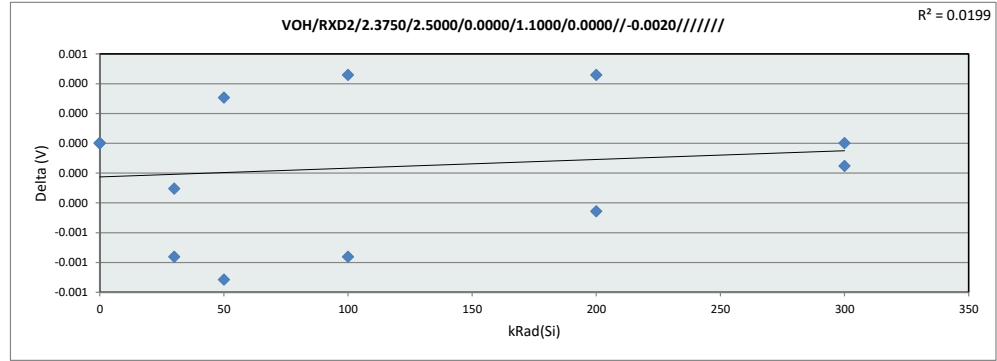


TID Report
DP83561-SP

VOH/RXD2/2.3750/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

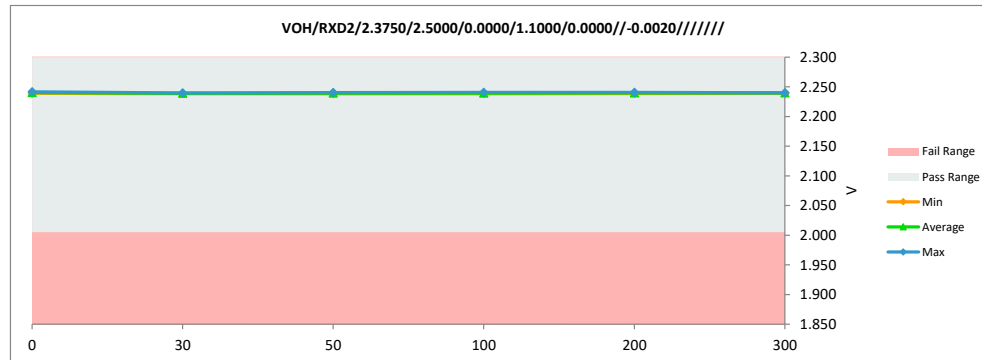
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.240	2.240	0.000
0	188A	2.242	2.242	0.000
0	191A	2.239	2.239	0.000
30	181B	2.240	2.240	0.000
30	191B	2.239	2.238	-0.001
50	181C	2.240	2.240	0.000
50	191C	2.239	2.238	-0.001
100	181D	2.240	2.241	0.000
100	191D	2.239	2.238	-0.001
200	181E	2.240	2.241	0.000
200	191E	2.239	2.239	0.000
300	181F	2.240	2.240	0.000
300	191F	2.239	2.239	0.000
Max		2.242	2.242	0.000
Average		2.240	2.240	0.000
Min		2.239	2.238	-0.001
Std Dev		0.001	0.001	0.000



VOH/RXD2/2.3750/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.239	2.238	2.238	2.238	2.239	2.239
Average	2.240	2.239	2.239	2.239	2.240	2.240
Max	2.242	2.240	2.240	2.241	2.241	2.240
UL						

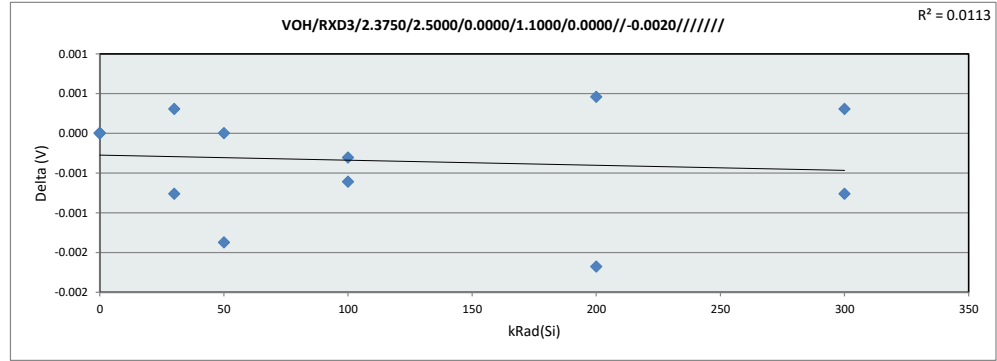


TID Report
DP83561-SP

VOH/RXD3/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

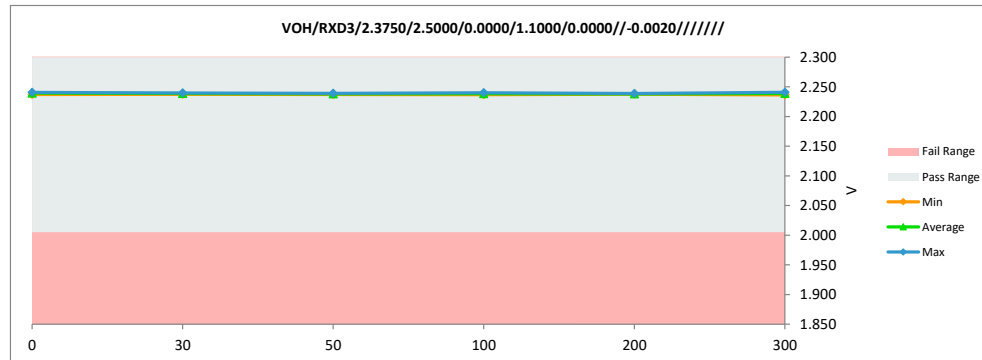
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.240	2.240	0.000
0	188A	2.240	2.240	0.000
0	191A	2.237	2.237	0.000
30	181B	2.240	2.240	-0.001
30	191B	2.237	2.237	0.000
50	181C	2.240	2.239	-0.001
50	191C	2.237	2.237	0.000
100	181D	2.240	2.240	-0.001
100	191D	2.237	2.237	0.000
200	181E	2.240	2.239	-0.002
200	191E	2.237	2.238	0.000
300	181F	2.240	2.241	0.000
300	191F	2.237	2.236	-0.001
Max		2.240	2.241	0.000
Average		2.239	2.239	0.000
Min		2.237	2.236	-0.002
Std Dev		0.002	0.002	0.001



VOH/RXD3/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.237	2.237	2.237	2.237	2.238	2.236
Average	2.239	2.239	2.238	2.238	2.238	2.239
Max	2.240	2.240	2.239	2.240	2.239	2.241
UL						

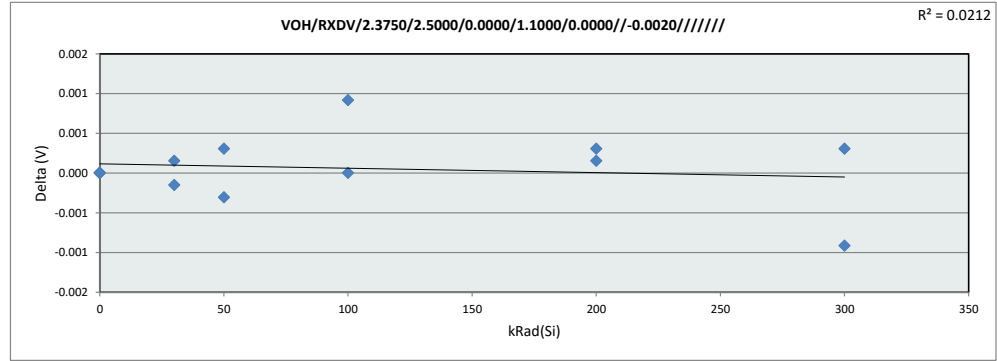


TID Report
DP83561-SP

VOH/RXDV/2.3750/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.005000114	2.005000114

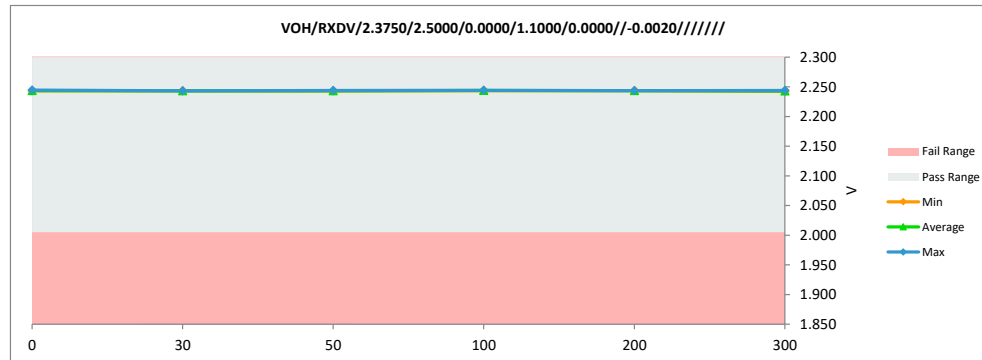
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.243	2.243	0.000
0	188A	2.245	2.245	0.000
0	191A	2.243	2.243	0.000
30	181B	2.243	2.243	0.000
30	191B	2.243	2.243	0.000
50	181C	2.243	2.244	0.000
50	191C	2.243	2.243	0.000
100	181D	2.243	2.243	0.000
100	191D	2.243	2.244	0.001
200	181E	2.243	2.244	0.000
200	191E	2.243	2.243	0.000
300	181F	2.243	2.244	0.000
300	191F	2.243	2.242	-0.001
Max		2.245	2.245	0.001
Average		2.243	2.243	0.000
Min		2.243	2.242	-0.001
Std Dev		0.000	0.001	0.000



VOH/RXDV/2.3750/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.005000114

kRad(Si)	0	30	50	100	200	300
LL	2.005	2.005	2.005	2.005	2.005	2.005
Min	2.243	2.243	2.243	2.243	2.243	2.242
Average	2.244	2.243	2.243	2.244	2.244	2.243
Max	2.245	2.243	2.244	2.244	2.244	2.244
UL						

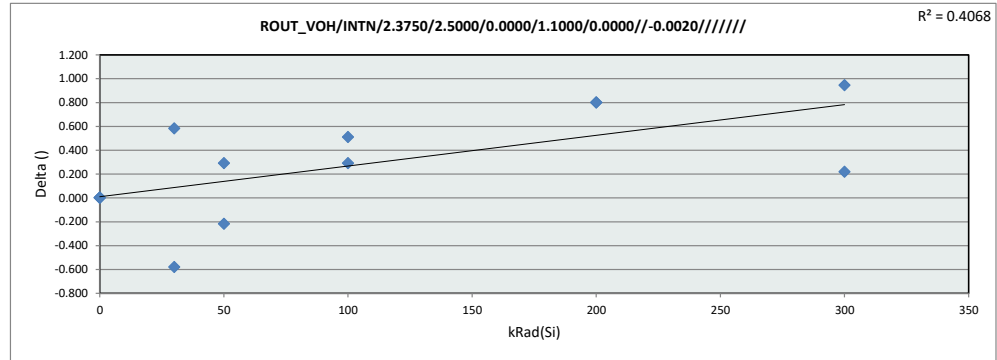


TID Report
DP83561-SP

ROUT_VOH/INTN/2.3750/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

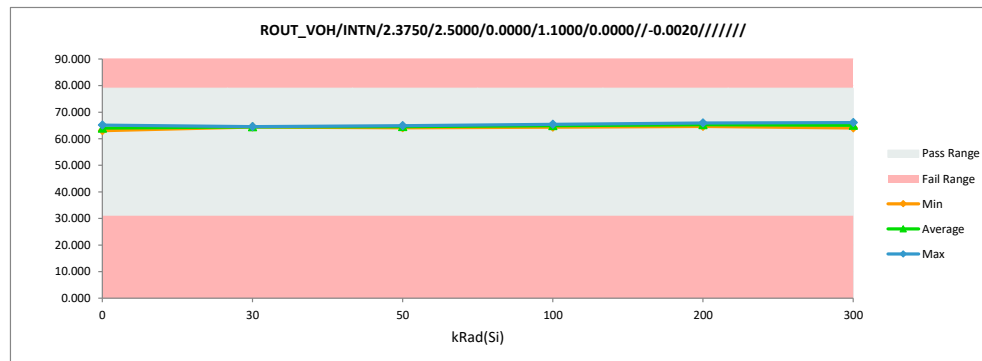
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.822	63.822	0.000
0	188A	63.022	63.022	0.000
0	191A	65.131	65.131	0.000
30	181B	63.822	64.404	0.582
30	191B	65.131	64.549	-0.582
50	181C	63.822	64.113	0.291
50	191C	65.131	64.913	-0.218
100	181D	63.822	64.331	0.509
100	191D	65.131	65.421	0.291
200	181E	63.822	64.622	0.800
200	191E	65.131	65.930	0.800
300	181F	63.822	64.040	0.218
300	191F	65.131	66.076	0.945
	Max	65.131	66.076	0.945
	Average	64.364	64.644	0.280
	Min	63.022	63.022	-0.582
	Std Dev	0.769	0.853	0.443



ROUT_VOH/INTN/2.3750/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

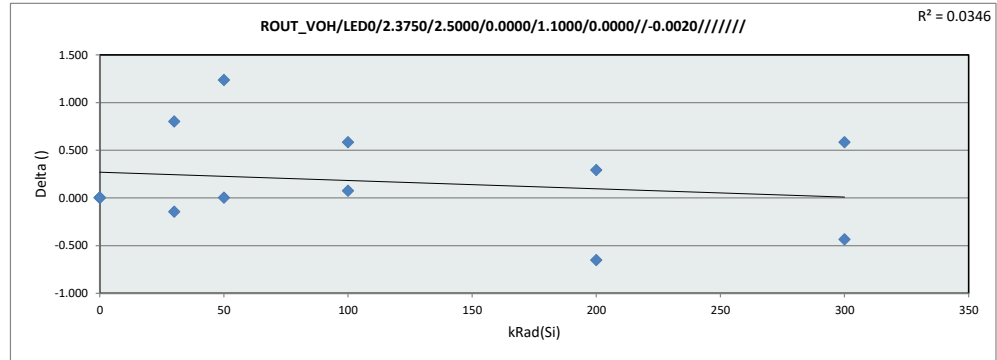
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.022	64.404	64.113	64.331	64.622	64.040
Average	63.992	64.476	64.513	64.876	65.276	65.058
Max	65.131	64.549	64.913	65.421	65.930	66.076
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

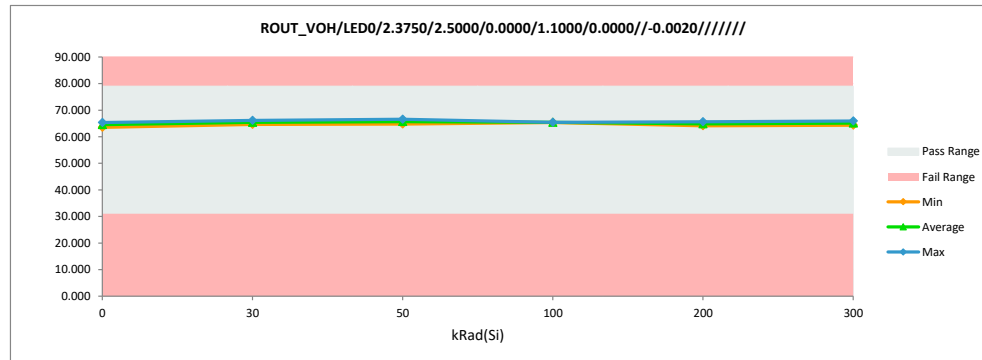
ROUT_VOH/LEDO/2.3750/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.762	64.762	0.000
0	188A	63.527	63.527	0.000
0	191A	65.344	65.344	0.000
30	181B	64.762	64.617	-0.145
30	191B	65.344	66.143	0.799
50	181C	64.762	64.762	0.000
50	191C	65.344	66.579	1.236
100	181D	64.762	65.344	0.582
100	191D	65.344	65.416	0.073
200	181E	64.762	64.108	-0.654
200	191E	65.344	65.634	0.291
300	181F	64.762	64.326	-0.436
300	191F	65.344	65.925	0.582
Max		65.344	66.579	1.236
Average		64.935	65.114	0.179
Min		63.527	63.527	-0.654
Std Dev		0.514	0.865	0.513



ROUT_VOH/LEDO/2.3750/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.527	64.617	64.762	65.344	64.108	64.326
Average	64.544	65.380	65.671	65.380	64.871	65.126
Max	65.344	66.143	66.579	65.416	65.634	65.925
UL	79.000	79.000	79.000	79.000	79.000	79.000

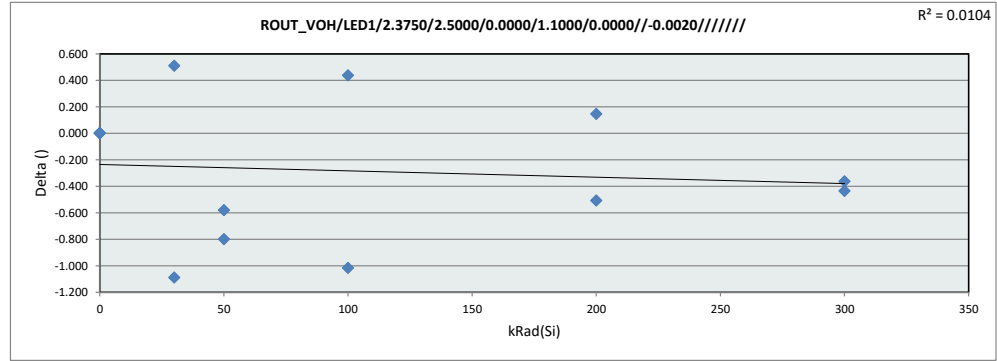


TID Report
DP83561-SP

ROUT_VOH/LED1/2.3750/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

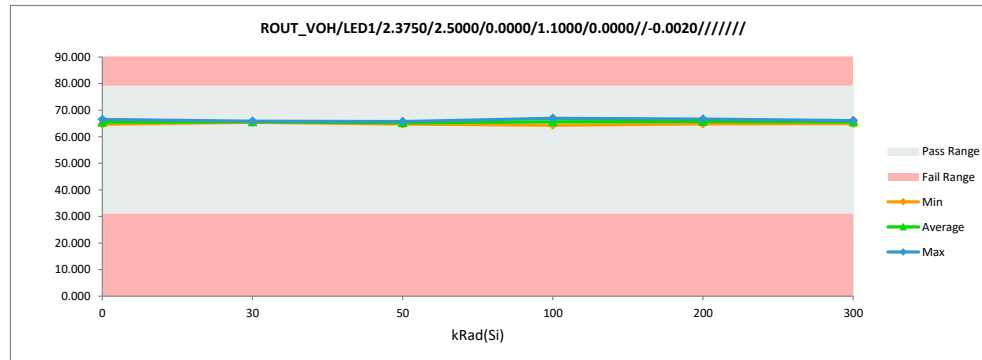
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.345	65.345	0.000
0	188A	64.691	64.691	0.000
0	191A	66.508	66.508	0.000
30	181B	65.345	65.854	0.509
30	191B	66.508	65.418	-1.090
50	181C	65.345	64.764	-0.582
50	191C	66.508	65.709	-0.800
100	181D	65.345	64.328	-1.018
100	191D	66.508	66.945	0.436
200	181E	65.345	64.837	-0.509
200	191E	66.508	66.654	0.145
300	181F	65.345	64.982	-0.363
300	191F	66.508	66.072	-0.436
	Max	66.508	66.945	0.509
	Average	65.832	65.547	-0.285
	Min	64.691	64.328	-1.090
	Std Dev	0.675	0.827	0.516



ROUT_VOH/LED1/2.3750/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.691	65.418	64.764	64.328	64.837	64.982
Average	65.515	65.636	65.236	65.636	65.745	65.527
Max	66.508	65.854	65.709	66.945	66.654	66.072
UL	79.000	79.000	79.000	79.000	79.000	79.000

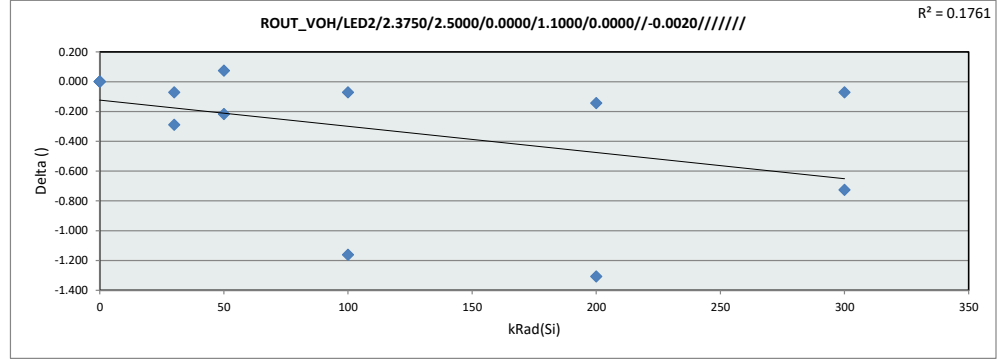


TID Report
DP83561-SP

ROUT_VOH/LED2/2.3750/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

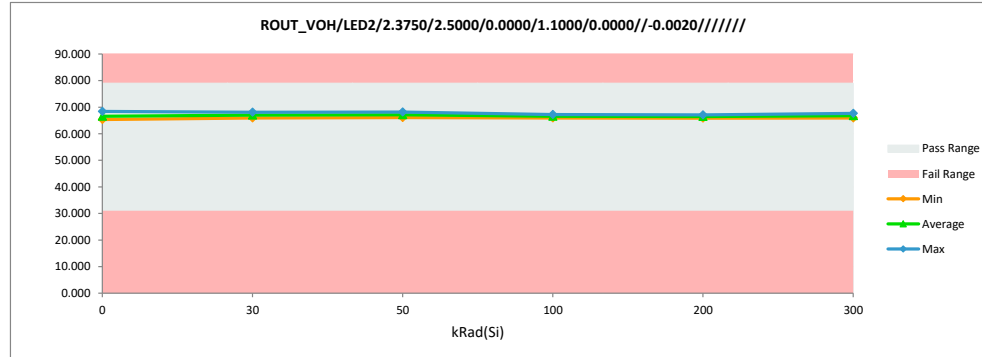
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	66.000	66.000	0.000
0	188A	65.346	65.346	0.000
0	191A	68.399	68.399	0.000
30	181B	66.000	65.928	-0.073
30	191B	68.399	68.108	-0.291
50	181C	66.000	66.073	0.073
50	191C	68.399	68.181	-0.218
100	181D	66.000	65.928	-0.073
100	191D	68.399	67.236	-1.163
200	181E	66.000	65.855	-0.145
200	191E	68.399	67.090	-1.308
300	181F	66.000	65.928	-0.073
300	191F	68.399	67.672	-0.727
Max		68.399	68.399	0.073
Average		67.057	66.749	-0.308
Min		65.346	65.346	-1.308
Std Dev		1.305	1.066	0.460



ROUT_VOH/LED2/2.3750/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	65.346	65.928	66.073	65.928	65.855	65.928
Average	66.582	67.018	67.127	66.582	66.473	66.800
Max	68.399	68.108	68.181	67.236	67.090	67.672
UL	79.000	79.000	79.000	79.000	79.000	79.000

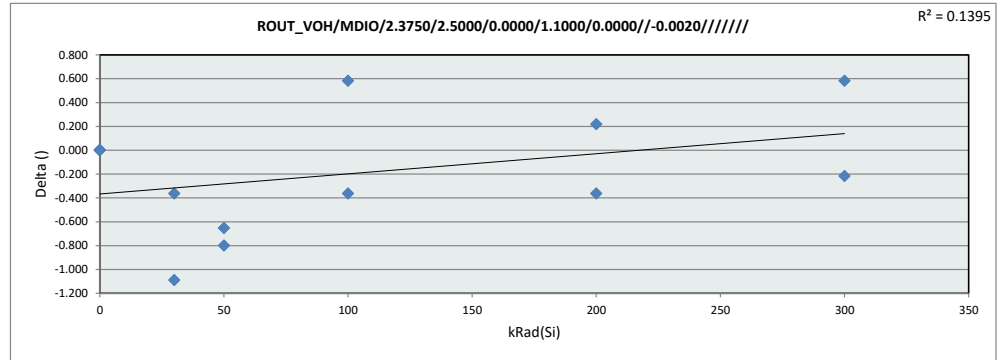


TID Report
DP83561-SP

ROUT_VOH/MDIO/2.3750/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

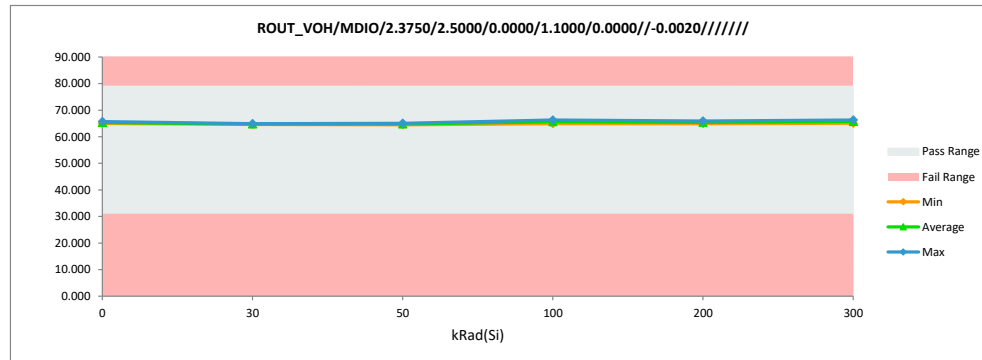
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.280	65.280	0.000
0	188A	64.990	64.990	0.000
0	191A	65.717	65.717	0.000
30	181B	65.280	64.917	-0.363
30	191B	65.717	64.626	-1.090
50	181C	65.280	64.481	-0.800
50	191C	65.717	65.062	-0.654
100	181D	65.280	64.917	-0.364
100	191D	65.717	66.298	0.582
200	181E	65.280	64.917	-0.363
200	191E	65.717	65.935	0.218
300	181F	65.280	65.062	-0.218
300	191F	65.717	66.298	0.582
Max		65.717	66.298	0.582
Average		65.459	65.269	-0.190
Min		64.990	64.481	-1.090
Std Dev		0.260	0.601	0.496



ROUT_VOH/MDIO/2.3750/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

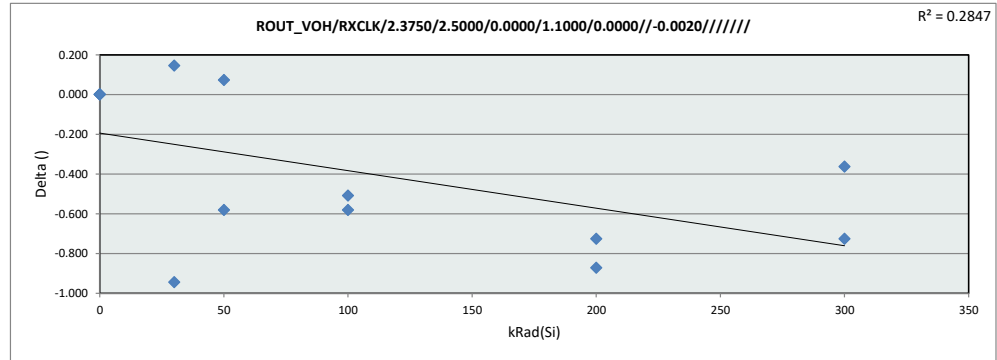
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.990	64.626	64.481	64.917	64.917	65.062
Average	65.329	64.772	64.772	65.608	65.426	65.680
Max	65.717	64.917	65.062	66.298	65.935	66.298
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
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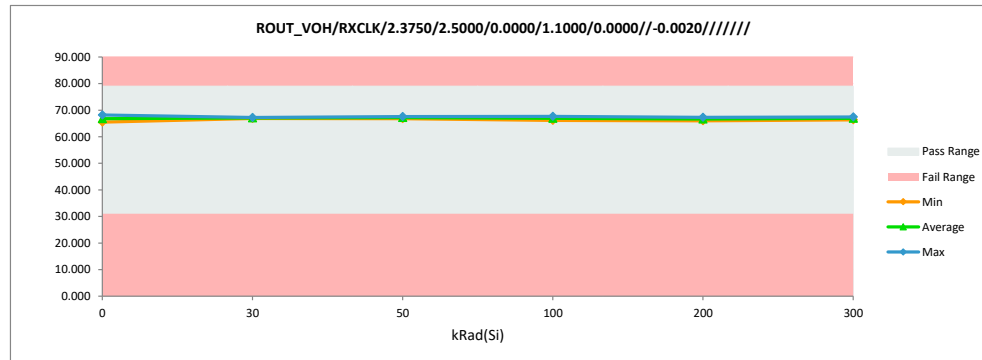
ROUT_VOH/RXCLK/2.3750/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	68.184	68.184	0.000
0	188A	65.494	65.494	0.000
0	191A	66.730	66.730	0.000
30	181B	68.184	67.239	-0.945
30	191B	66.730	66.876	0.145
50	181C	68.184	67.602	-0.582
50	191C	66.730	66.803	0.073
100	181D	68.184	67.675	-0.509
100	191D	66.730	66.149	-0.581
200	181E	68.184	67.312	-0.872
200	191E	66.730	66.003	-0.727
300	181F	68.184	67.457	-0.727
300	191F	66.730	66.367	-0.363
	Max	68.184	68.184	0.145
	Average	67.306	66.915	-0.391
	Min	65.494	65.494	-0.945
	Std Dev	0.908	0.764	0.389



ROUT_VOH/RXCLK/2.3750/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

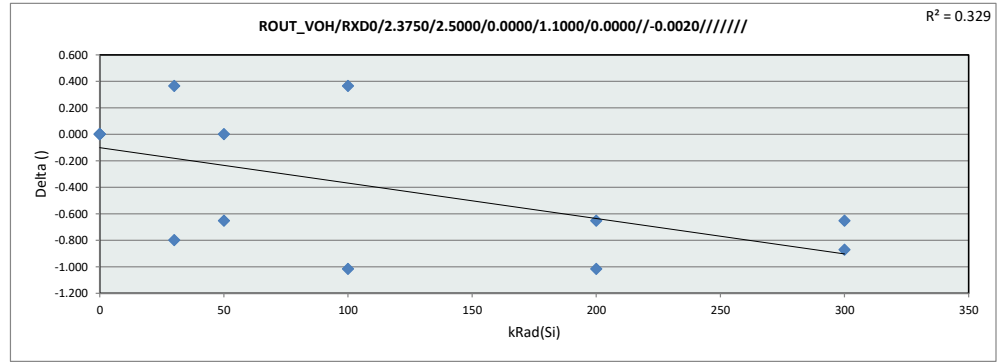
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	65.494	66.876	66.803	66.149	66.003	66.367
Average	66.803	67.057	67.203	66.912	66.657	66.912
Max	68.184	67.239	67.602	67.675	67.312	67.457
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

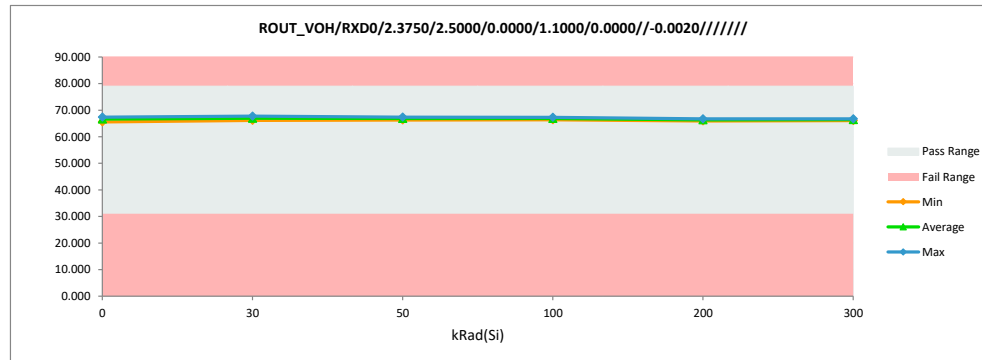
ROUT_VOH/RXD0/2.3750/2.500		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	66.950	66.950	0.000
0	188A	65.569	65.569	0.000
0	191A	67.386	67.386	0.000
30	181B	66.950	66.150	-0.800
30	191B	67.386	67.749	0.363
50	181C	66.950	66.296	-0.654
50	191C	67.386	67.386	0.000
100	181D	66.950	67.313	0.364
100	191D	67.386	66.368	-1.018
200	181E	66.950	65.932	-1.018
200	191E	67.386	66.732	-0.654
300	181F	66.950	66.077	-0.872
300	191F	67.386	66.732	-0.654
	Max	67.386	67.749	0.364
	Average	67.045	66.665	-0.380
	Min	65.569	65.569	-1.018
	Std Dev	0.494	0.665	0.512



ROUT_VOH/RXD0/2.3750/2.500		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	65.569	66.150	66.296	66.368	65.932	66.077
Average	66.635	66.950	66.841	66.841	66.332	66.405
Max	67.386	67.749	67.386	67.313	66.732	66.732
UL	79.000	79.000	79.000	79.000	79.000	79.000

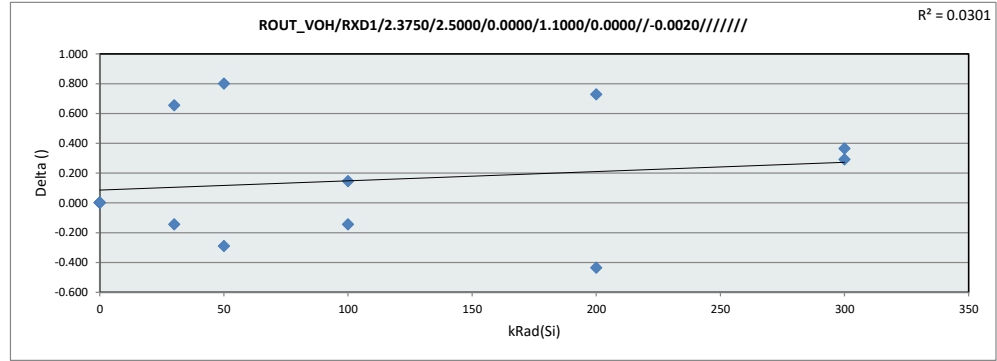


TID Report
DP83561-SP

ROUT_VOH/RXD1/2.3750/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

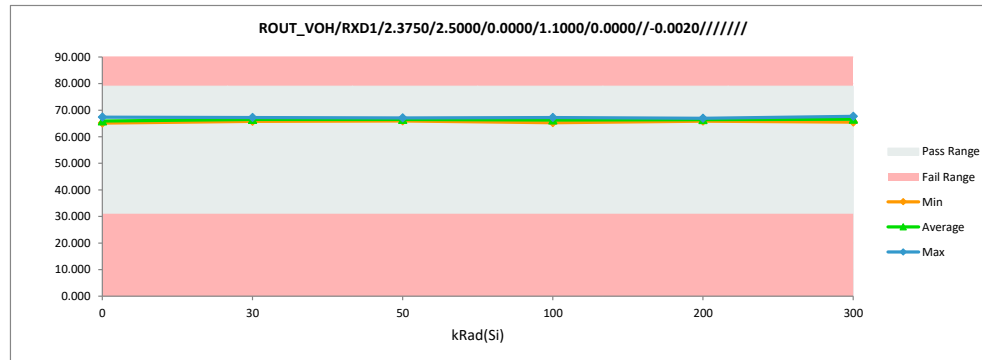
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.128	65.128	0.000
0	188A	65.201	65.201	0.000
0	191A	67.382	67.382	0.000
30	181B	65.128	65.783	0.654
30	191B	67.382	67.236	-0.145
50	181C	65.128	65.928	0.799
50	191C	67.382	67.091	-0.291
100	181D	65.128	65.274	0.145
100	191D	67.382	67.236	-0.145
200	181E	65.128	65.855	0.727
200	191E	67.382	66.946	-0.436
300	181F	65.128	65.492	0.363
300	191F	67.382	67.672	0.291
Max		67.382	67.672	0.799
Average		66.174	66.325	0.151
Min		65.128	65.128	-0.436
Std Dev		1.164	0.946	0.393



ROUT_VOH/RXD1/2.3750/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	65.128	65.783	65.928	65.274	65.855	65.492
Average	65.904	66.509	66.509	66.255	66.400	66.582
Max	67.382	67.236	67.091	67.236	66.946	67.672
UL	79.000	79.000	79.000	79.000	79.000	79.000

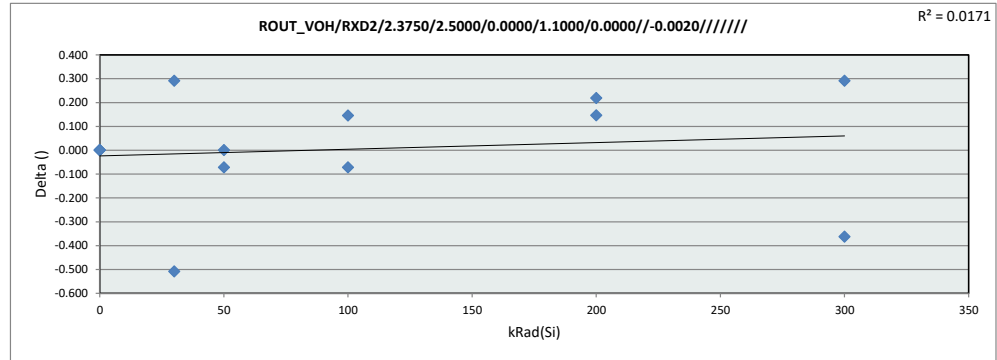


TID Report
DP83561-SP

ROUT_VOH/RXD2/2.3750/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

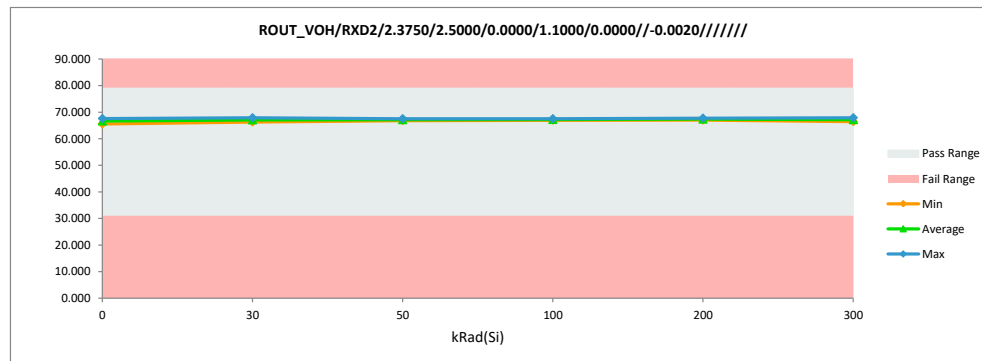
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	66.796	66.796	0.000
0	188A	65.560	65.560	0.000
0	191A	67.595	67.595	0.000
30	181B	66.796	66.287	-0.509
30	191B	67.595	67.886	0.291
50	181C	66.796	66.796	0.000
50	191C	67.595	67.523	-0.073
100	181D	66.796	66.941	0.145
100	191D	67.595	67.523	-0.073
200	181E	66.796	67.014	0.218
200	191E	67.595	67.741	0.145
300	181F	66.796	66.432	-0.364
300	191F	67.595	67.886	0.291
Max		67.595	67.886	0.291
Average		67.070	67.075	0.006
Min		65.560	65.560	-0.509
Std Dev		0.605	0.703	0.235



ROUT_VOH/RXD2/2.3750/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	65.560	66.287	66.796	66.941	67.014	66.432
Average	66.651	67.087	67.159	67.232	67.377	67.159
Max	67.595	67.886	67.523	67.523	67.741	67.886
UL	79.000	79.000	79.000	79.000	79.000	79.000

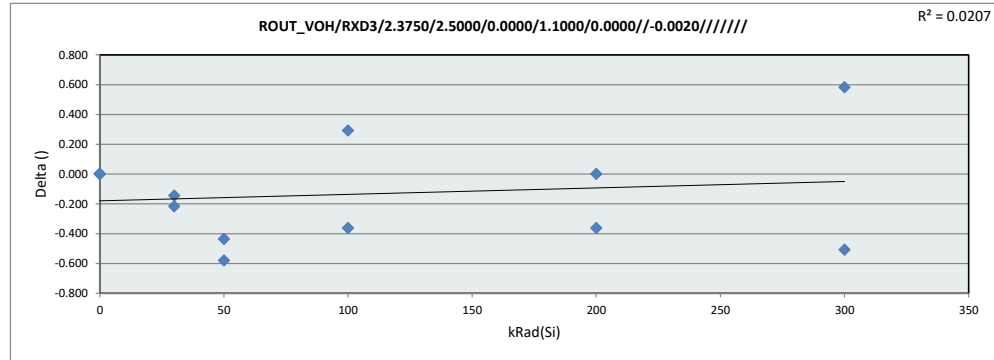


TID Report
DP83561-SP

ROUT_VOH/RXD3/2.3750/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

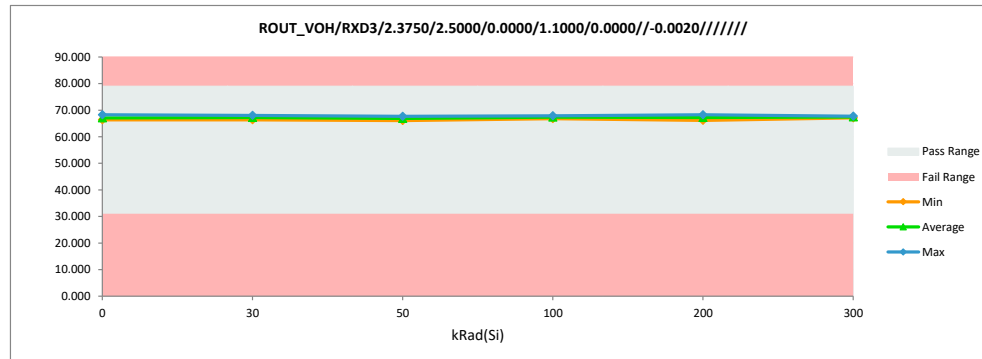
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	66.516	66.516	0.000
0	188A	66.371	66.371	0.000
0	191A	68.260	68.260	0.000
30	181B	66.516	66.370	-0.145
30	191B	68.260	68.043	-0.218
50	181C	66.516	66.080	-0.436
50	191C	68.260	67.679	-0.582
100	181D	66.516	66.807	0.291
100	191D	68.260	67.897	-0.363
200	181E	66.516	66.152	-0.363
200	191E	68.260	68.260	0.000
300	181F	66.516	67.097	0.582
300	191F	68.260	67.752	-0.509
Max		68.260	68.260	0.582
Average		67.310	67.176	-0.134
Min		66.371	66.080	-0.582
Std Dev		0.917	0.833	0.330



ROUT_VOH/RXD3/2.3750/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

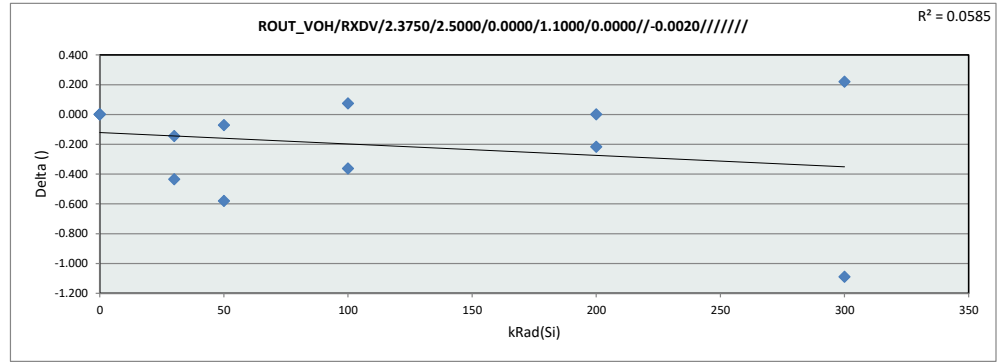
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	66.371	66.370	66.080	66.807	66.152	67.097
Average	67.049	67.206	66.879	67.352	67.206	67.425
Max	68.260	68.043	67.679	67.897	68.260	67.752
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

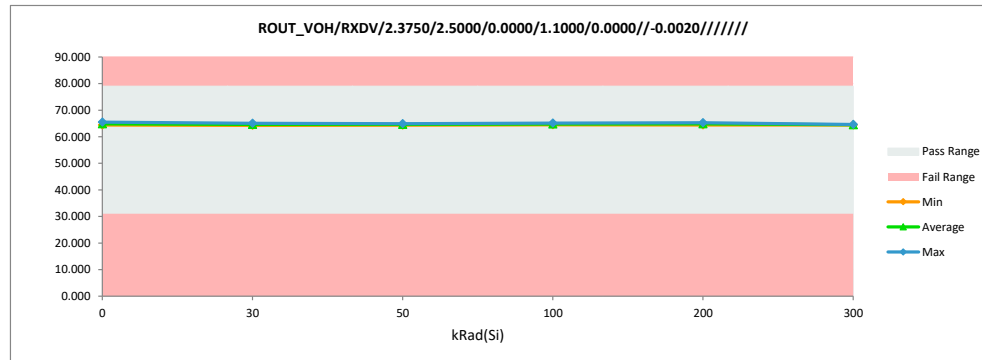
ROUT_VOH/RXDV/2.3750/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.399	64.399	0.000
0	188A	64.544	64.544	0.000
0	191A	65.489	65.489	0.000
30	181B	64.399	64.253	-0.145
30	191B	65.489	65.053	-0.436
50	181C	64.399	64.326	-0.073
50	191C	65.489	64.907	-0.582
100	181D	64.399	64.471	0.073
100	191D	65.489	65.126	-0.364
200	181E	64.399	64.399	0.000
200	191E	65.489	65.271	-0.218
300	181F	64.399	64.617	0.218
300	191F	65.489	64.399	-1.090
	Max	65.489	65.489	0.218
	Average	64.913	64.712	-0.201
	Min	64.399	64.253	-1.090
	Std Dev	0.556	0.407	0.348



ROUT_VOH/RXDV/2.3750/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.399	64.253	64.326	64.471	64.399	64.399
Average	64.811	64.653	64.617	64.798	64.835	64.508
Max	65.489	65.053	64.907	65.126	65.271	64.617
UL	79.000	79.000	79.000	79.000	79.000	79.000

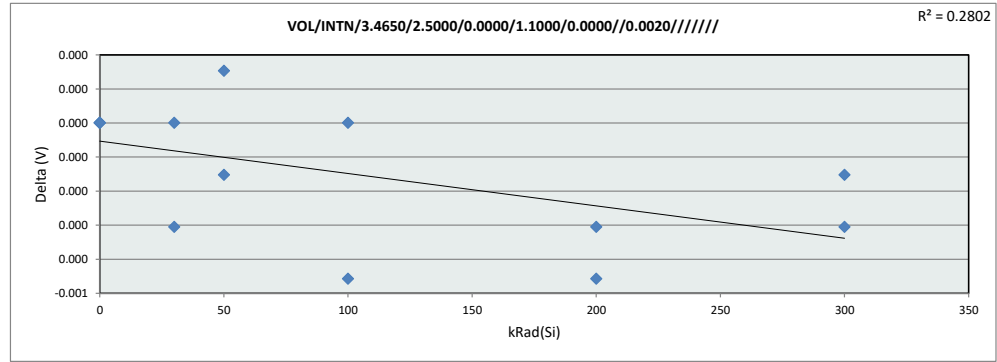


TID Report
DP83561-SP

VOL/INTN/3.4650/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

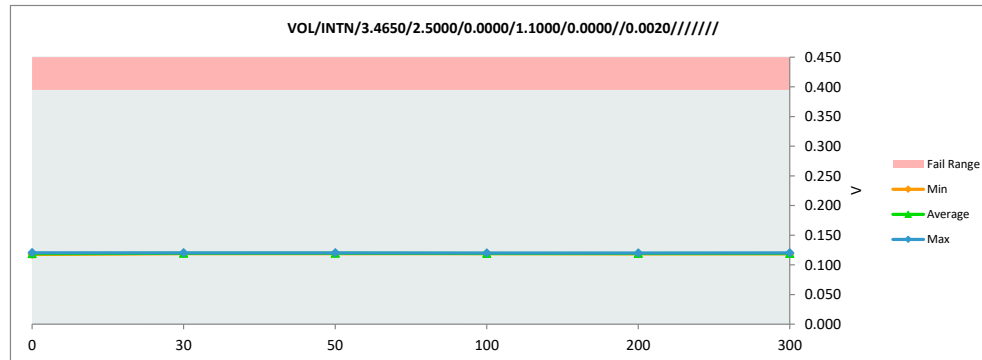
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.119	0.119	0.000
0	188A	0.117	0.117	0.000
0	191A	0.120	0.120	0.000
30	181B	0.119	0.119	0.000
30	191B	0.120	0.120	0.000
50	181C	0.119	0.119	0.000
50	191C	0.120	0.120	0.000
100	181D	0.119	0.119	0.000
100	191D	0.120	0.120	0.000
200	181E	0.119	0.118	0.000
200	191E	0.120	0.120	0.000
300	181F	0.119	0.119	0.000
300	191F	0.120	0.120	0.000
Max		0.120	0.120	0.000
Average		0.119	0.119	0.000
Min		0.117	0.117	0.000
Std Dev		0.001	0.001	0.000



VOL/INTN/3.4650/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.117	0.119	0.119	0.119	0.118	0.119
Average	0.119	0.119	0.120	0.119	0.119	0.119
Max	0.120	0.120	0.120	0.120	0.120	0.120
UL	0.395	0.395	0.395	0.395	0.395	0.395

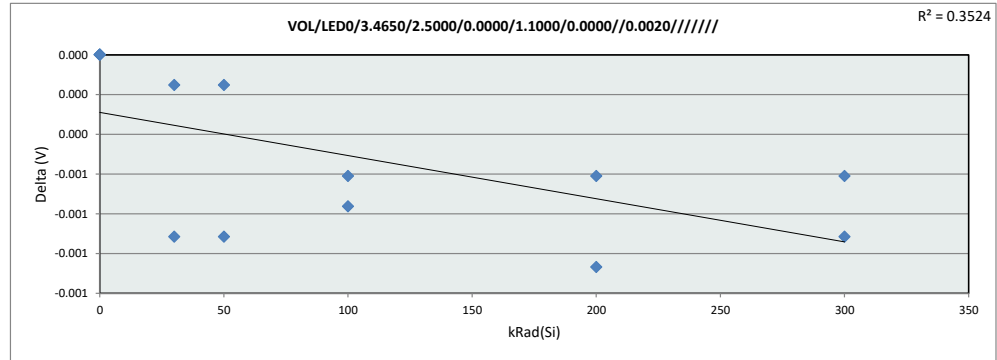


TID Report
DP83561-SP

VOL/LED0/3.4650/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

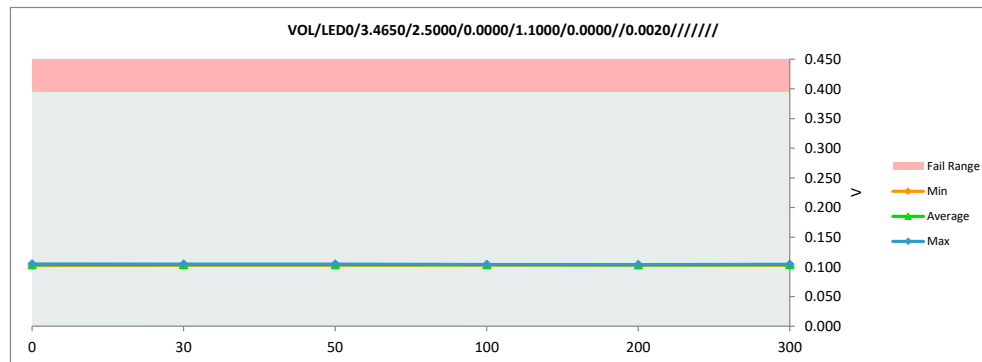
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.104	0.104	0.000
0	188A	0.102	0.102	0.000
0	191A	0.105	0.105	0.000
30	181B	0.104	0.103	-0.001
30	191B	0.105	0.105	0.000
50	181C	0.104	0.103	-0.001
50	191C	0.105	0.105	0.000
100	181D	0.104	0.103	-0.001
100	191D	0.105	0.104	-0.001
200	181E	0.104	0.103	-0.001
200	191E	0.105	0.104	-0.001
300	181F	0.104	0.103	-0.001
300	191F	0.105	0.104	-0.001
Max		0.105	0.105	0.000
Average		0.104	0.104	-0.001
Min		0.102	0.102	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED0/3.4650/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.103	0.103	0.103	0.103	0.103
Average	0.104	0.104	0.104	0.104	0.103	0.103
Max	0.105	0.105	0.105	0.104	0.104	0.104
UL	0.395	0.395	0.395	0.395	0.395	0.395

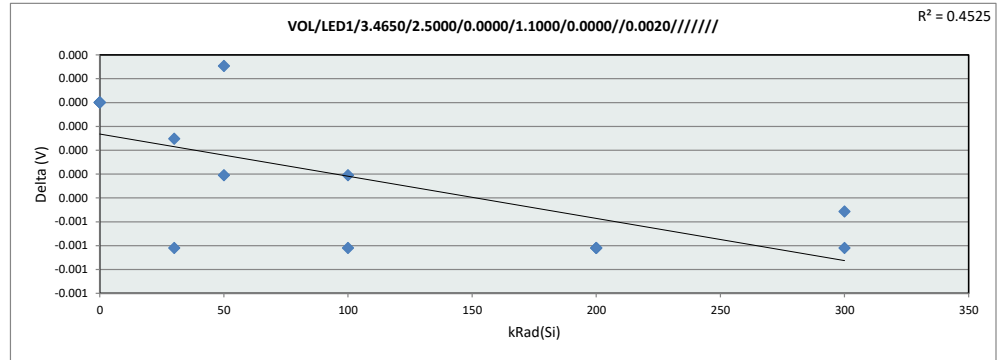


TID Report
DP83561-SP

VOL/LED1/3.4650/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

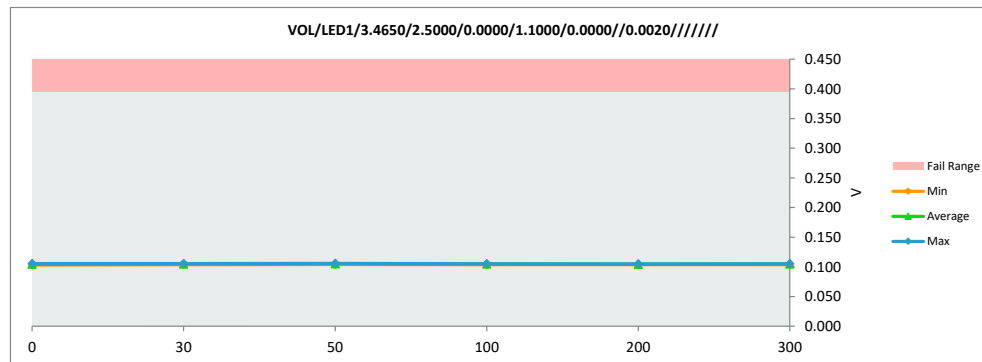
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.104	0.104	0.000
0	188A	0.103	0.103	0.000
0	191A	0.106	0.106	0.000
30	181B	0.104	0.104	-0.001
30	191B	0.106	0.106	0.000
50	181C	0.104	0.104	0.000
50	191C	0.106	0.106	0.000
100	181D	0.104	0.104	-0.001
100	191D	0.106	0.105	0.000
200	181E	0.104	0.104	-0.001
200	191E	0.106	0.105	-0.001
300	181F	0.104	0.104	-0.001
300	191F	0.106	0.105	0.000
Max		0.106	0.106	0.000
Average		0.105	0.104	0.000
Min		0.103	0.103	-0.001
Std Dev		0.001	0.001	0.000



VOL/LED1/3.4650/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.103	0.104	0.104	0.104	0.104	0.104
Average	0.104	0.105	0.105	0.105	0.104	0.104
Max	0.106	0.106	0.106	0.105	0.105	0.105
UL	0.395	0.395	0.395	0.395	0.395	0.395

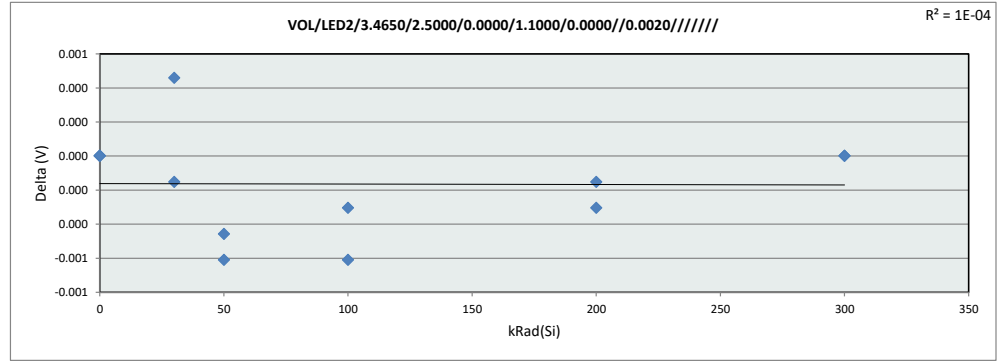


TID Report
DP83561-SP

VOL/LED2/3.4650/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

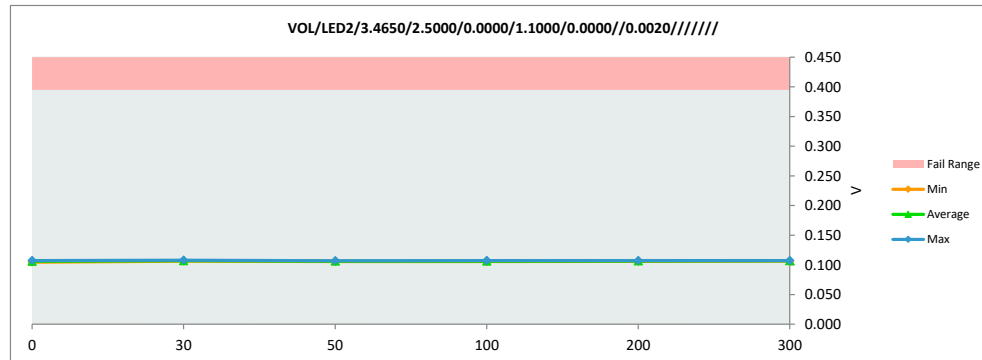
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.106	0.106	0.000
0	188A	0.104	0.104	0.000
0	191A	0.107	0.107	0.000
30	181B	0.106	0.106	0.000
30	191B	0.107	0.108	0.000
50	181C	0.106	0.106	-0.001
50	191C	0.107	0.107	0.000
100	181D	0.106	0.106	-0.001
100	191D	0.107	0.107	0.000
200	181E	0.106	0.106	0.000
200	191E	0.107	0.107	0.000
300	181F	0.106	0.106	0.000
300	191F	0.107	0.107	0.000
	Max	0.107	0.108	0.000
	Average	0.107	0.106	0.000
	Min	0.104	0.104	-0.001
	Std Dev	0.001	0.001	0.000



VOL/LED2/3.4650/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.104	0.106	0.106	0.106	0.106	0.106
Average	0.106	0.107	0.106	0.106	0.107	0.107
Max	0.107	0.108	0.107	0.107	0.107	0.107
UL	0.395	0.395	0.395	0.395	0.395	0.395

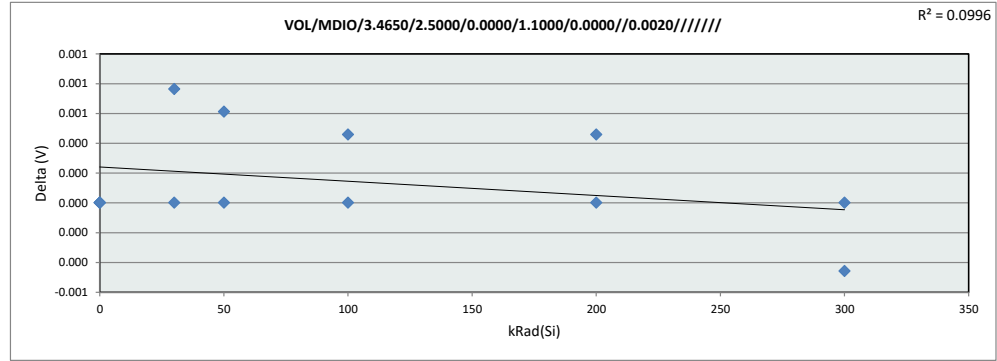


TID Report
DP83561-SP

VOL/MDIO/3.4650/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

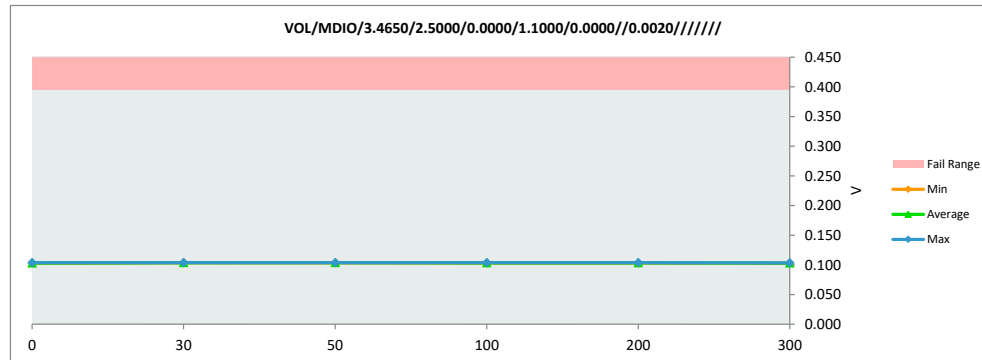
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.102	0.102	0.000
0	191A	0.104	0.104	0.000
30	181B	0.103	0.103	0.001
30	191B	0.104	0.104	0.000
50	181C	0.103	0.103	0.001
50	191C	0.104	0.104	0.000
100	181D	0.103	0.103	0.000
100	191D	0.104	0.104	0.000
200	181E	0.103	0.103	0.000
200	191E	0.104	0.104	0.000
300	181F	0.103	0.103	0.000
300	191F	0.104	0.103	0.000
Max		0.104	0.104	0.001
Average		0.103	0.103	0.000
Min		0.102	0.102	0.000
Std Dev		0.001	0.000	0.000



VOL/MDIO/3.4650/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.102	0.103	0.103	0.103	0.103	0.103
Average	0.103	0.104	0.103	0.103	0.103	0.103
Max	0.104	0.104	0.104	0.104	0.104	0.103
UL	0.395	0.395	0.395	0.395	0.395	0.395

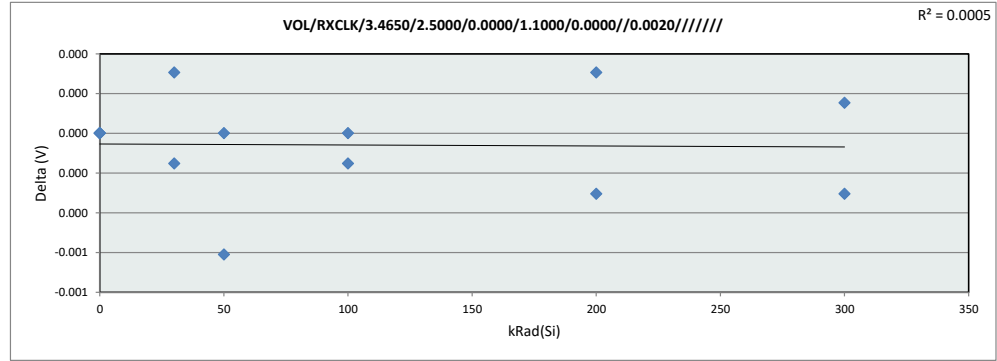


TID Report
DP83561-SP

VOL/RXCLK/3.4650/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

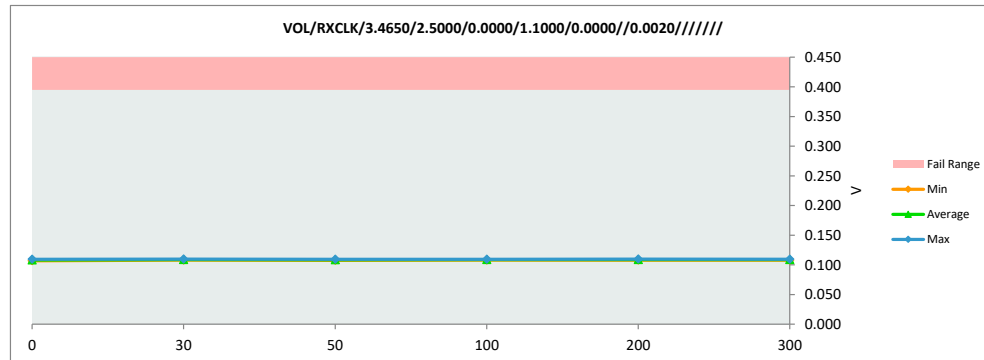
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.109	0.109	0.000
0	188A	0.107	0.107	0.000
0	191A	0.108	0.108	0.000
30	181B	0.109	0.110	0.000
30	191B	0.108	0.108	0.000
50	181C	0.109	0.109	0.000
50	191C	0.108	0.108	-0.001
100	181D	0.109	0.109	0.000
100	191D	0.108	0.108	0.000
200	181E	0.109	0.110	0.000
200	191E	0.108	0.108	0.000
300	181F	0.109	0.109	0.000
300	191F	0.108	0.108	0.000
Max		0.109	0.110	0.000
Average		0.109	0.109	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXCLK/3.4650/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.108	0.108	0.108
Average	0.108	0.109	0.108	0.109	0.109	0.109
Max	0.109	0.110	0.109	0.109	0.110	0.109
UL	0.395	0.395	0.395	0.395	0.395	0.395

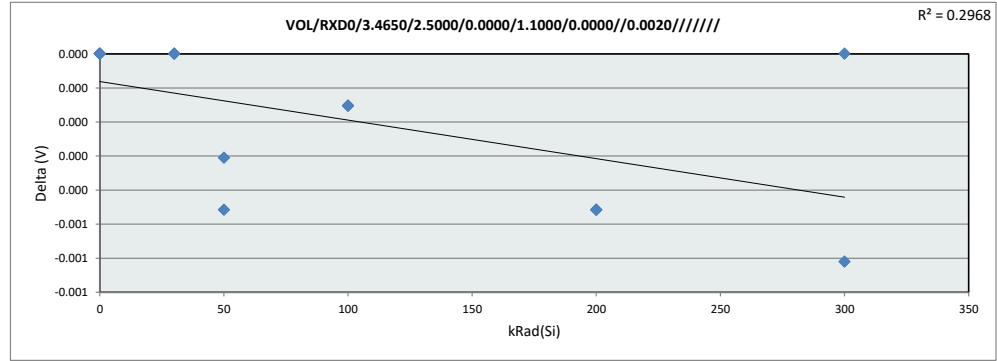


TID Report
DP83561-SP

VOL/RXD0/3.4650/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

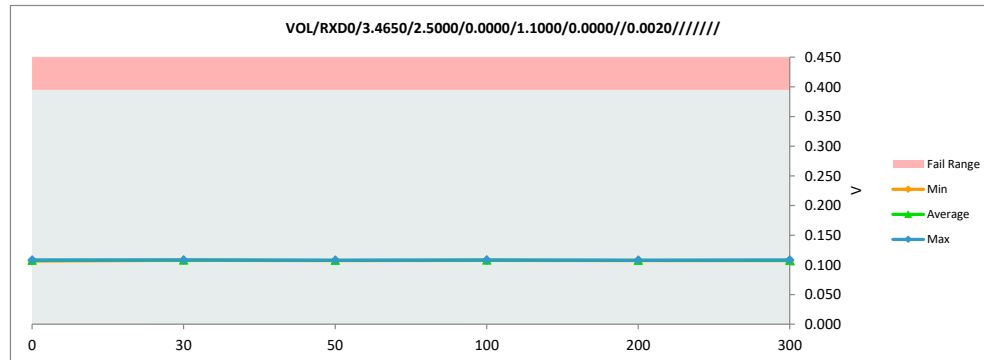
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.106	0.106	0.000
0	191A	0.108	0.108	0.000
30	181B	0.108	0.108	0.000
30	191B	0.108	0.108	0.000
50	181C	0.108	0.107	0.000
50	191C	0.108	0.108	0.000
100	181D	0.108	0.107	0.000
100	191D	0.108	0.108	0.000
200	181E	0.108	0.107	0.000
200	191E	0.108	0.108	0.000
300	181F	0.108	0.107	-0.001
300	191F	0.108	0.108	0.000
Max		0.108	0.108	0.000
Average		0.108	0.108	0.000
Min		0.106	0.106	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD0/3.4650/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.106	0.108	0.107	0.107	0.107	0.107
Average	0.107	0.108	0.108	0.108	0.107	0.108
Max	0.108	0.108	0.108	0.108	0.108	0.108
UL	0.395	0.395	0.395	0.395	0.395	0.395

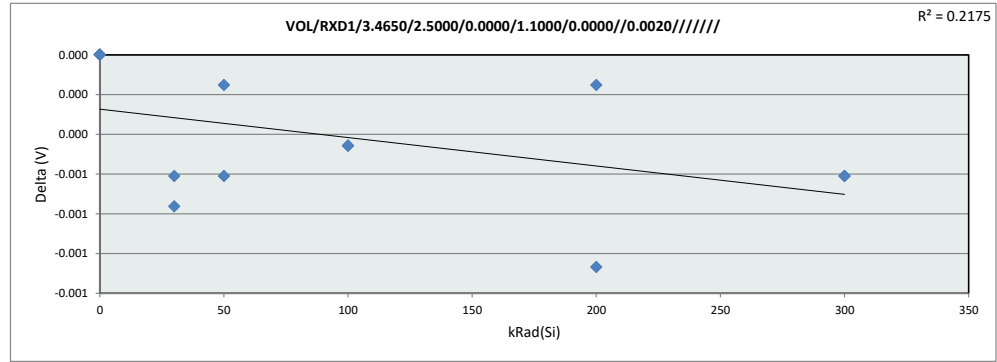


TID Report
DP83561-SP

VOL/RXD1/3.4650/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

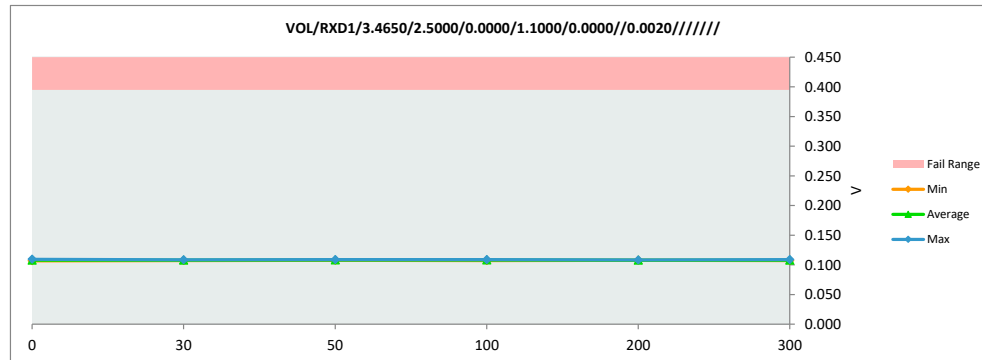
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.107	0.107	0.000
0	191A	0.109	0.109	0.000
30	181B	0.108	0.107	-0.001
30	191B	0.109	0.109	-0.001
50	181C	0.108	0.108	0.000
50	191C	0.109	0.109	-0.001
100	181D	0.108	0.107	0.000
100	191D	0.109	0.109	0.000
200	181E	0.108	0.108	0.000
200	191E	0.109	0.108	-0.001
300	181F	0.108	0.107	-0.001
300	191F	0.109	0.109	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD1/3.4650/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.107	0.108	0.107	0.108	0.107
Average	0.108	0.108	0.108	0.108	0.108	0.108
Max	0.109	0.109	0.109	0.109	0.108	0.109
UL	0.395	0.395	0.395	0.395	0.395	0.395

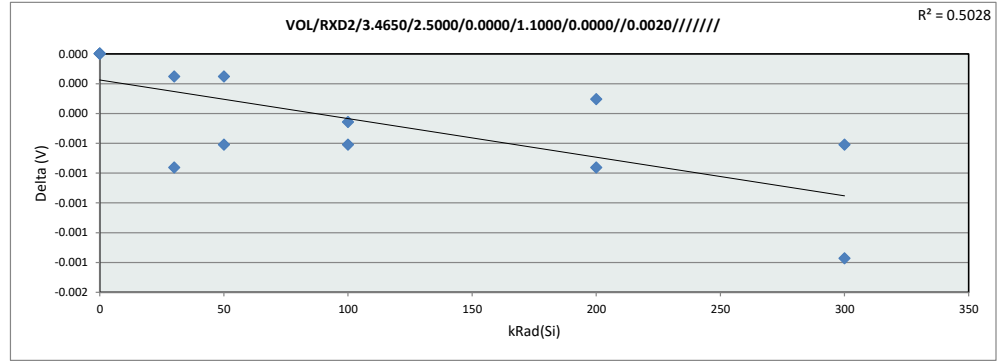


TID Report
DP83561-SP

VOL/RXD2/3.4650/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

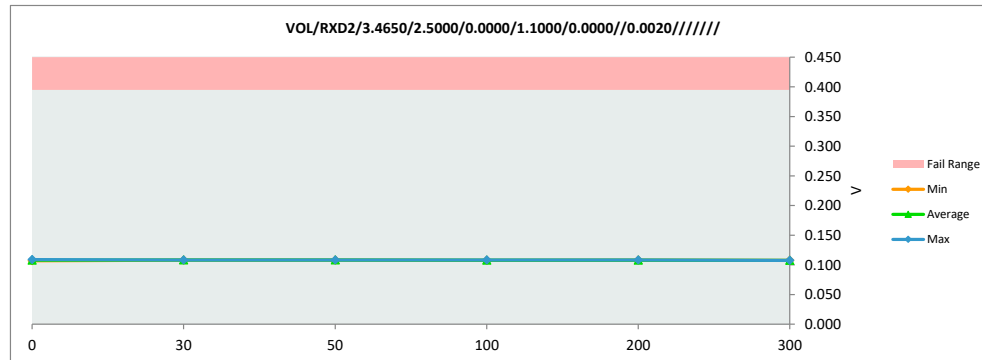
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.107	0.107	0.000
0	191A	0.109	0.109	0.000
30	181B	0.108	0.108	0.000
30	191B	0.109	0.108	-0.001
50	181C	0.108	0.108	0.000
50	191C	0.109	0.108	-0.001
100	181D	0.108	0.108	0.000
100	191D	0.109	0.108	-0.001
200	181E	0.108	0.108	0.000
200	191E	0.109	0.108	-0.001
300	181F	0.108	0.107	-0.001
300	191F	0.109	0.107	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.107	0.107	-0.001
Std Dev		0.001	0.000	0.000



VOL/RXD2/3.4650/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.107	0.108	0.108	0.108	0.108	0.107
Average	0.108	0.108	0.108	0.108	0.108	0.107
Max	0.109	0.108	0.108	0.108	0.108	0.107
UL	0.395	0.395	0.395	0.395	0.395	0.395

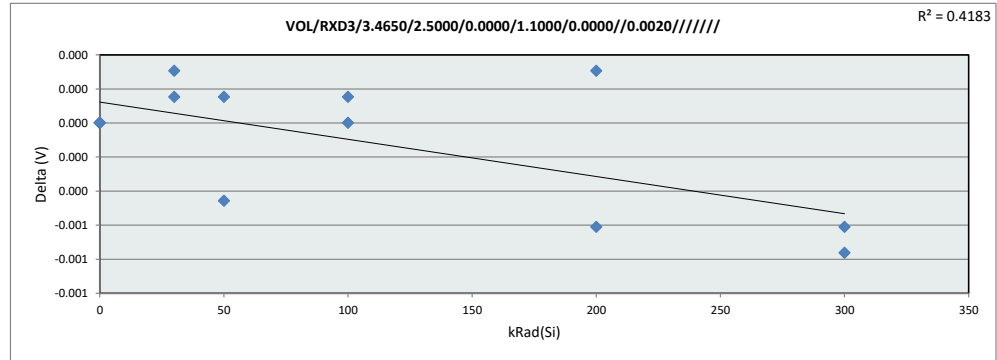


TID Report
DP83561-SP

VOL/RXD3/3.4650/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

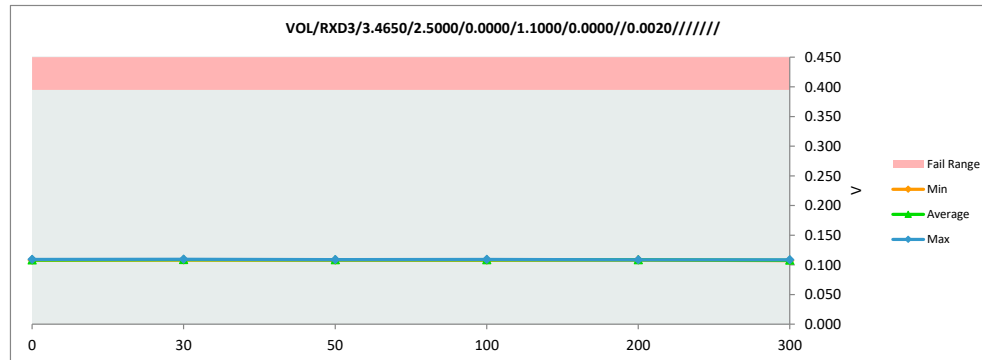
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.108	0.108	0.000
0	188A	0.108	0.108	0.000
0	191A	0.109	0.109	0.000
30	181B	0.108	0.108	0.000
30	191B	0.109	0.109	0.000
50	181C	0.108	0.108	0.000
50	191C	0.109	0.109	0.000
100	181D	0.108	0.108	0.000
100	191D	0.109	0.109	0.000
200	181E	0.108	0.108	0.000
200	191E	0.109	0.109	-0.001
300	181F	0.108	0.107	-0.001
300	191F	0.109	0.108	-0.001
Max		0.109	0.109	0.000
Average		0.108	0.108	0.000
Min		0.108	0.107	-0.001
Std Dev		0.001	0.001	0.000



VOL/RXD3/3.4650/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.108	0.108	0.108	0.108	0.108	0.107
Average	0.108	0.109	0.108	0.109	0.108	0.108
Max	0.109	0.109	0.109	0.109	0.109	0.108
UL	0.395	0.395	0.395	0.395	0.395	0.395

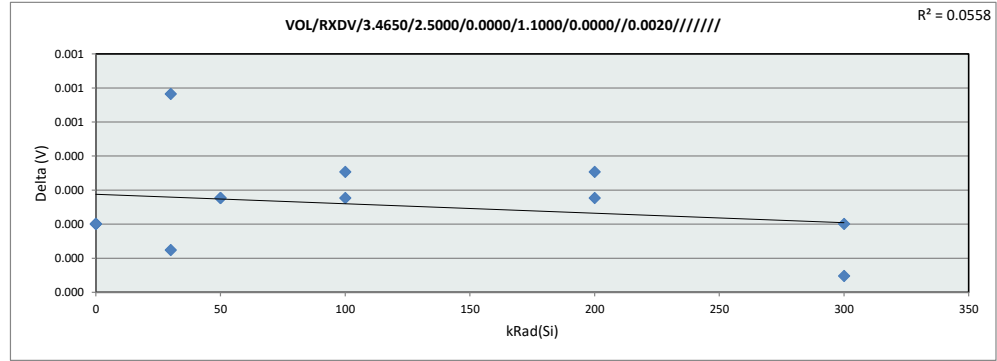


TID Report
DP83561-SP

VOL/RXDV/3.4650/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit	0.395000011	0.395000011
Min Limit		

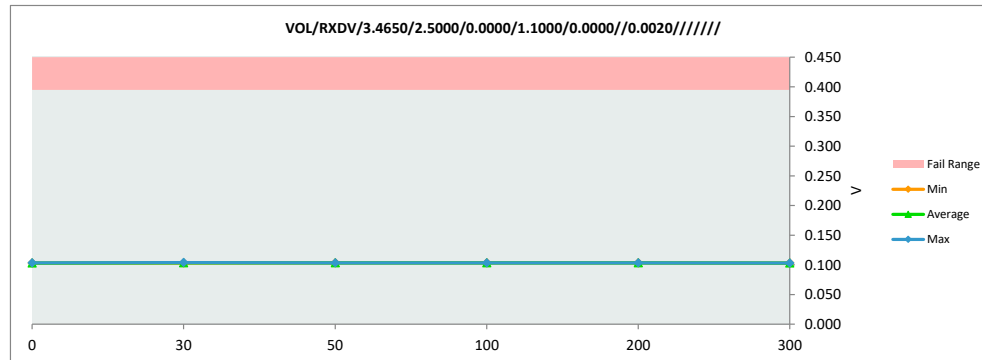
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.103	0.103	0.000
0	188A	0.103	0.103	0.000
0	191A	0.103	0.103	0.000
30	181B	0.103	0.103	0.000
30	191B	0.103	0.104	0.001
50	181C	0.103	0.103	0.000
50	191C	0.103	0.103	0.000
100	181D	0.103	0.103	0.000
100	191D	0.103	0.103	0.000
200	181E	0.103	0.103	0.000
200	191E	0.103	0.103	0.000
300	181F	0.103	0.103	0.000
300	191F	0.103	0.103	0.000
Max		0.103	0.104	0.001
Average		0.103	0.103	0.000
Min		0.103	0.103	0.000
Std Dev		0.000	0.000	0.000



VOL/RXDV/3.4650/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.395000011 V
Min Limit	V

kRad(Si)	0	30	50	100	200	300
LL						
Min	0.103	0.103	0.103	0.103	0.103	0.103
Average	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.103	0.104	0.103	0.103	0.103	0.103
UL	0.395	0.395	0.395	0.395	0.395	0.395

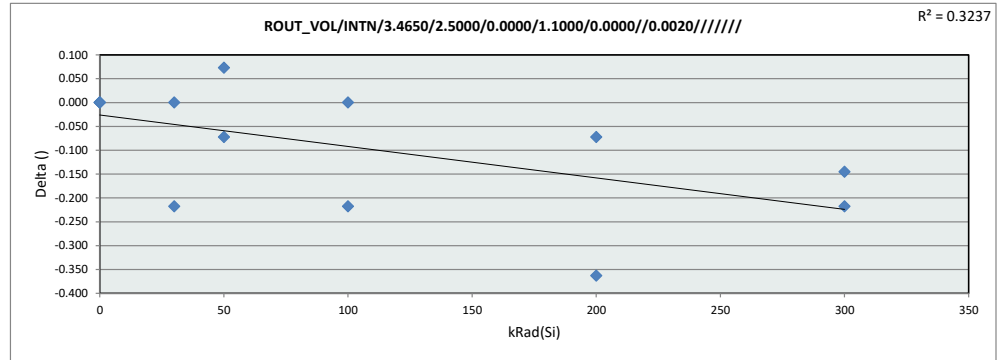


TID Report
DP83561-SP

ROUT_VOL/INTN/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

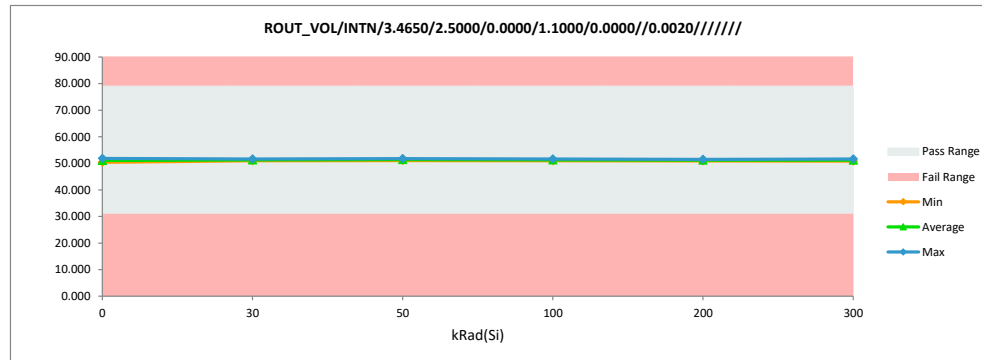
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	50.956	50.956	0.000
0	188A	50.374	50.374	0.000
0	191A	51.828	51.828	0.000
30	181B	50.956	50.956	0.000
30	191B	51.828	51.610	-0.218
50	181C	50.956	51.029	0.073
50	191C	51.828	51.756	-0.073
100	181D	50.956	50.956	0.000
100	191D	51.828	51.610	-0.218
200	181E	50.956	50.883	-0.073
200	191E	51.828	51.465	-0.363
300	181F	50.956	50.811	-0.145
300	191F	51.828	51.610	-0.218
Max		51.828	51.828	0.073
Average		51.314	51.219	-0.095
Min		50.374	50.374	-0.363
Std Dev		0.520	0.449	0.127



ROUT_VOL/INTN/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.374	50.956	51.029	50.956	50.883	50.811
Average	51.053	51.283	51.392	51.283	51.174	51.210
Max	51.828	51.610	51.756	51.610	51.465	51.610
UL	79.000	79.000	79.000	79.000	79.000	79.000

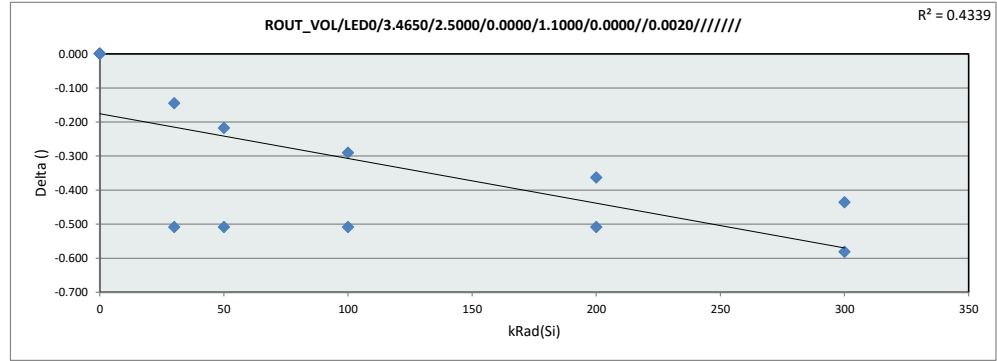


TID Report
DP83561-SP

ROUT_VOL/LEDO/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

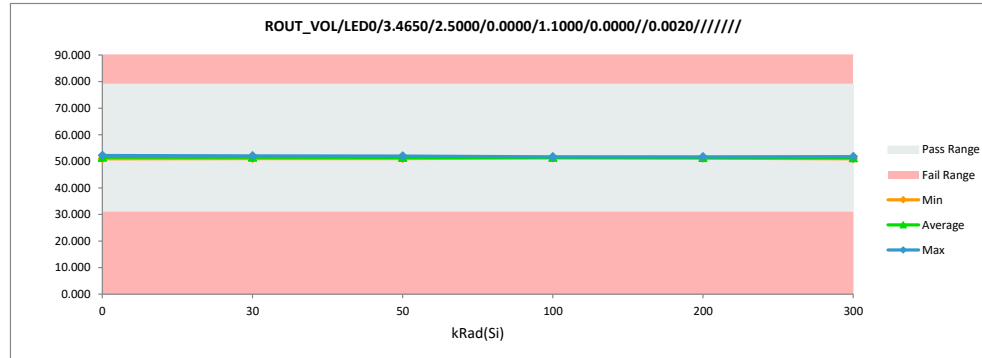
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.534	51.534	0.000
0	188A	50.952	50.952	0.000
0	191A	52.188	52.188	0.000
30	181B	51.534	51.025	-0.509
30	191B	52.188	52.042	-0.145
50	181C	51.534	51.025	-0.509
50	191C	52.188	51.970	-0.218
100	181D	51.534	51.243	-0.291
100	191D	52.188	51.679	-0.509
200	181E	51.534	51.170	-0.363
200	191E	52.188	51.679	-0.509
300	181F	51.534	50.952	-0.581
300	191F	52.188	51.752	-0.436
Max		52.188	52.188	0.000
Average		51.791	51.478	-0.313
Min		50.952	50.952	-0.581
Std Dev		0.413	0.441	0.219



ROUT_VOL/LEDO/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

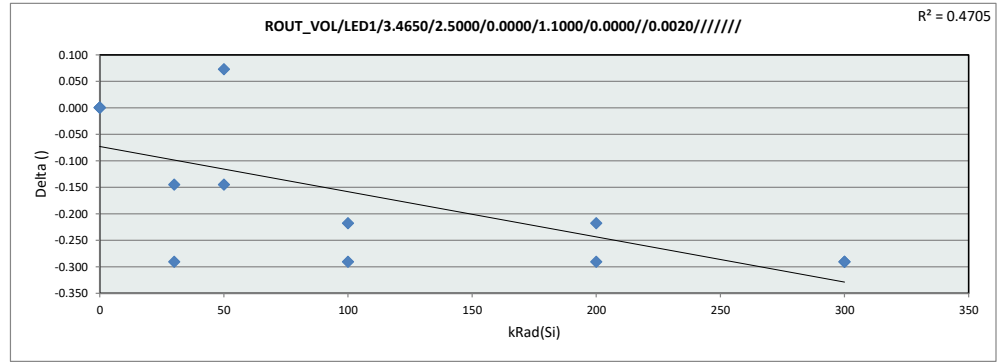
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.952	51.025	51.025	51.243	51.170	50.952
Average	51.558	51.534	51.497	51.461	51.424	51.352
Max	52.188	52.042	51.970	51.679	51.679	51.752
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

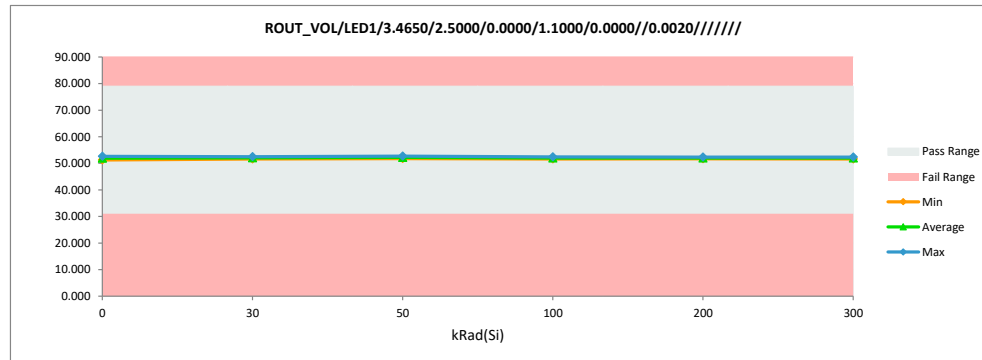
ROUT_VOL/LED1/3.4650/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.898	51.898	0.000
0	188A	51.244	51.244	0.000
0	191A	52.625	52.625	0.000
30	181B	51.898	51.608	-0.291
30	191B	52.625	52.480	-0.145
50	181C	51.898	51.753	-0.145
50	191C	52.625	52.698	0.073
100	181D	51.898	51.608	-0.291
100	191D	52.625	52.407	-0.218
200	181E	51.898	51.680	-0.218
200	191E	52.625	52.334	-0.291
300	181F	51.898	51.608	-0.291
300	191F	52.625	52.334	-0.291
Max		52.625	52.698	0.073
Average		52.184	52.021	-0.162
Min		51.244	51.244	-0.291
Std Dev		0.460	0.474	0.136



ROUT_VOL/LED1/3.4650/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	51.244	51.608	51.753	51.608	51.680	51.608
Average	51.923	52.044	52.225	52.007	52.007	51.971
Max	52.625	52.480	52.698	52.407	52.334	52.334
UL	79.000	79.000	79.000	79.000	79.000	79.000

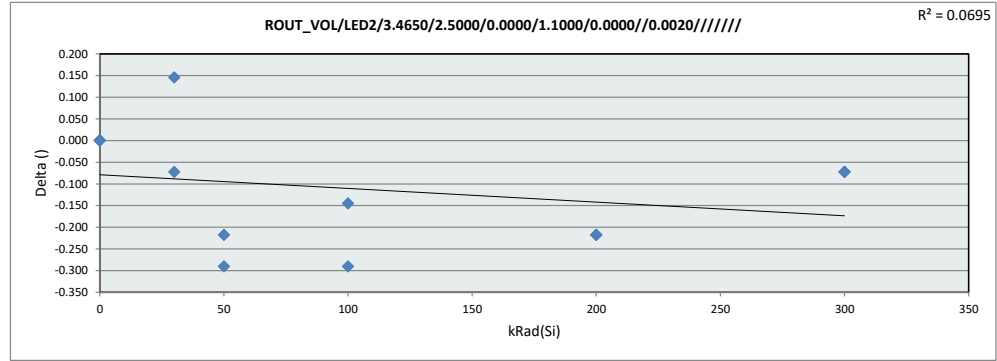


TID Report
DP83561-SP

ROUT_VOL/LED2/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

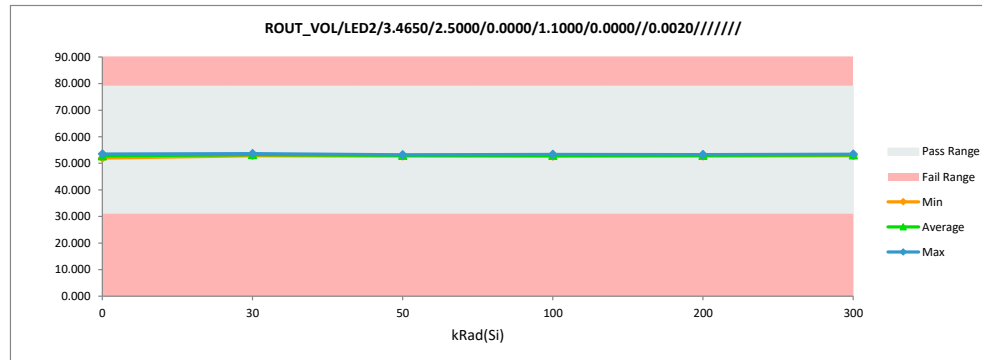
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	52.916	52.916	0.000
0	188A	51.972	51.972	0.000
0	191A	53.498	53.498	0.000
30	181B	52.916	52.844	-0.073
30	191B	53.498	53.643	0.145
50	181C	52.916	52.698	-0.218
50	191C	53.498	53.207	-0.291
100	181D	52.916	52.626	-0.291
100	191D	53.498	53.353	-0.145
200	181E	52.916	52.698	-0.218
200	191E	53.498	53.280	-0.218
300	181F	52.916	52.844	-0.073
300	191F	53.498	53.425	-0.073
Max		53.498	53.643	0.145
Average		53.112	53.000	-0.112
Min		51.972	51.972	-0.291
Std Dev		0.449	0.459	0.131



ROUT_VOL/LED2/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	51.972	52.844	52.698	52.626	52.698	52.844
Average	52.795	53.244	52.953	52.989	52.989	53.135
Max	53.498	53.643	53.207	53.353	53.280	53.425
UL	79.000	79.000	79.000	79.000	79.000	79.000

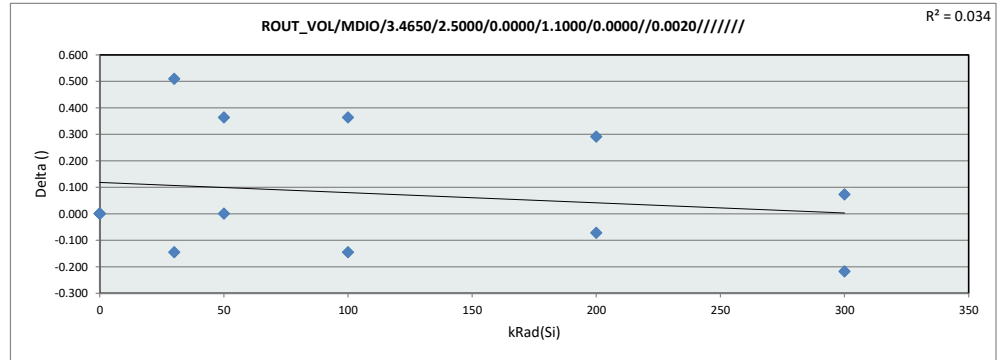


TID Report
DP83561-SP

ROUT_VOL/MDIO/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

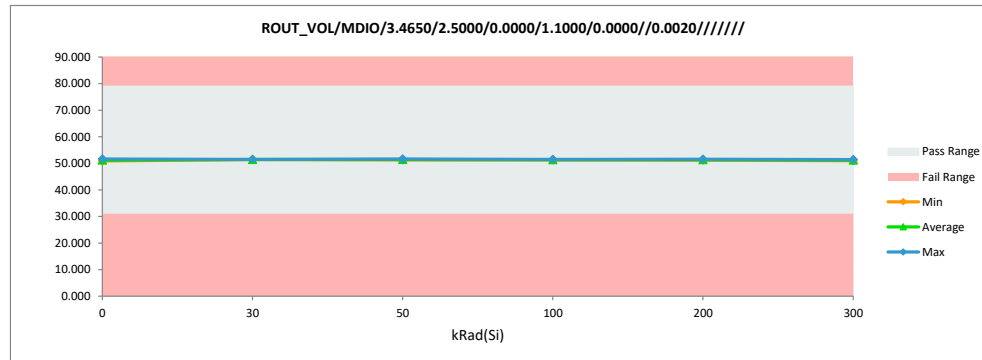
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	50.887	50.887	0.000
0	188A	50.959	50.959	0.000
0	191A	51.614	51.614	0.000
30	181B	50.887	51.396	0.509
30	191B	51.614	51.468	-0.145
50	181C	50.887	51.250	0.363
50	191C	51.614	51.614	0.000
100	181D	50.887	51.250	0.363
100	191D	51.614	51.468	-0.145
200	181E	50.887	51.178	0.291
200	191E	51.614	51.541	-0.073
300	181F	50.887	50.959	0.073
300	191F	51.614	51.396	-0.218
Max		51.614	51.614	0.509
Average		51.228	51.306	0.078
Min		50.887	50.887	-0.218
Std Dev		0.372	0.250	0.229



ROUT_VOL/MDIO/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	50.887	51.396	51.250	51.250	51.178	50.959
Average	51.153	51.432	51.432	51.359	51.359	51.178
Max	51.614	51.468	51.614	51.468	51.541	51.396
UL	79.000	79.000	79.000	79.000	79.000	79.000

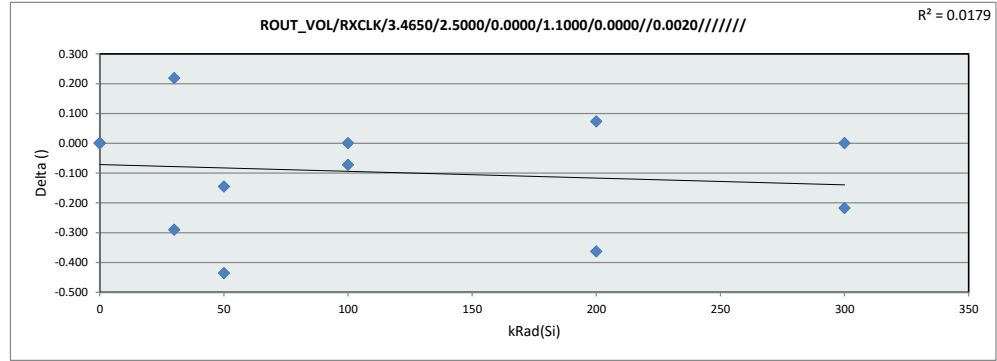


TID Report
DP83561-SP

ROUT_VOL/RXCLK/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

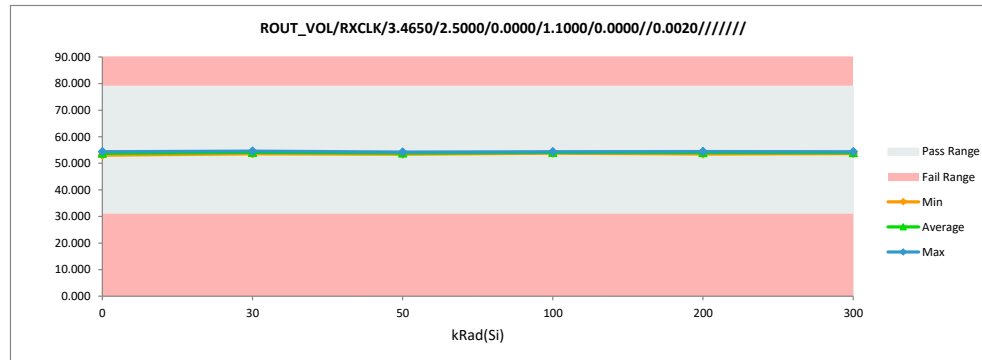
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	54.373	54.373	0.000
0	188A	53.064	53.064	0.000
0	191A	53.864	53.864	0.000
30	181B	54.373	54.591	0.218
30	191B	53.864	53.573	-0.291
50	181C	54.373	54.227	-0.145
50	191C	53.864	53.428	-0.436
100	181D	54.373	54.373	0.000
100	191D	53.864	53.791	-0.073
200	181E	54.373	54.445	0.073
200	191E	53.864	53.500	-0.363
300	181F	54.373	54.373	0.000
300	191F	53.864	53.646	-0.218
	Max	54.373	54.591	0.218
	Average	54.037	53.942	-0.095
	Min	53.064	53.064	-0.436
	Std Dev	0.388	0.483	0.186



ROUT_VOL/RXCLK/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.064	53.573	53.428	53.791	53.500	53.646
Average	53.767	54.082	53.827	54.082	53.973	54.009
Max	54.373	54.591	54.227	54.373	54.445	54.373
UL	79.000	79.000	79.000	79.000	79.000	79.000

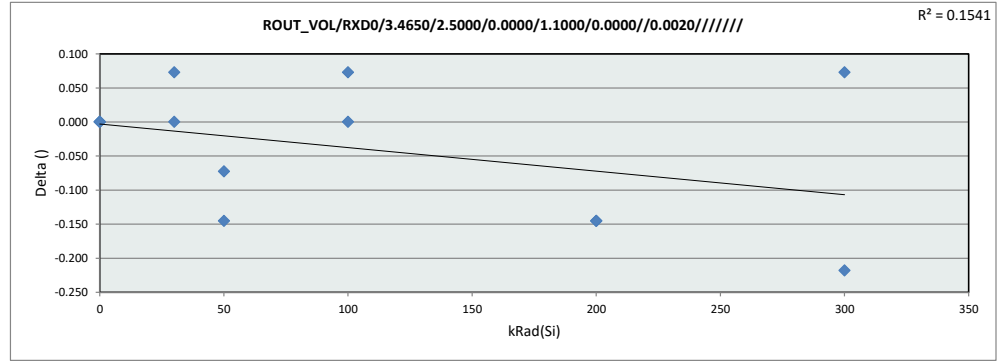


TID Report
DP83561-SP

ROUT_VOL/RXD0/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

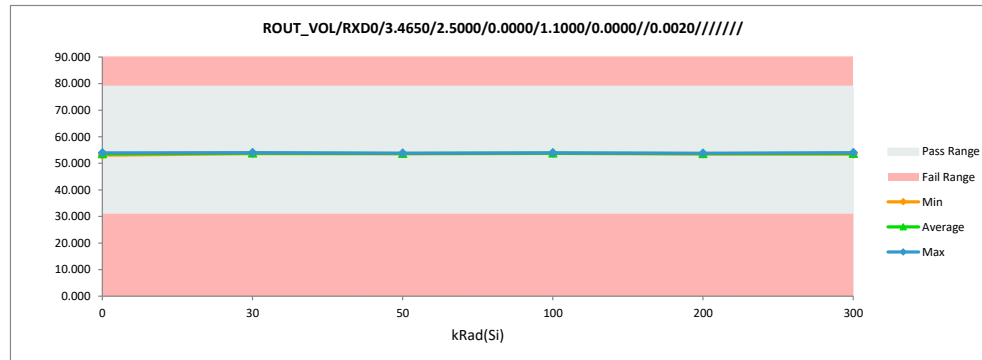
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.647	53.647	0.000
0	188A	53.066	53.066	0.000
0	191A	53.938	53.938	0.000
30	181B	53.647	53.647	0.000
30	191B	53.938	54.011	0.073
50	181C	53.647	53.574	-0.073
50	191C	53.938	53.792	-0.145
100	181D	53.647	53.720	0.073
100	191D	53.938	53.938	0.000
200	181E	53.647	53.502	-0.145
200	191E	53.938	53.792	-0.145
300	181F	53.647	53.429	-0.218
300	191F	53.938	54.011	0.073
Max		53.938	54.011	0.073
Average		53.737	53.697	-0.039
Min		53.066	53.066	-0.218
Std Dev		0.249	0.268	0.097



ROUT_VOL/RXD0/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.066	53.647	53.574	53.720	53.502	53.429
Average	53.550	53.829	53.683	53.829	53.647	53.720
Max	53.938	54.011	53.792	53.938	53.792	54.011
UL	79.000	79.000	79.000	79.000	79.000	79.000

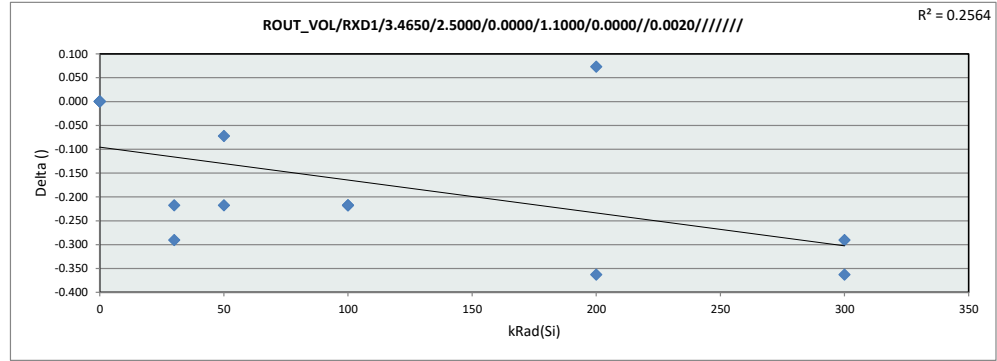


TID Report
DP83561-SP

ROUT_VOL/RXD1/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

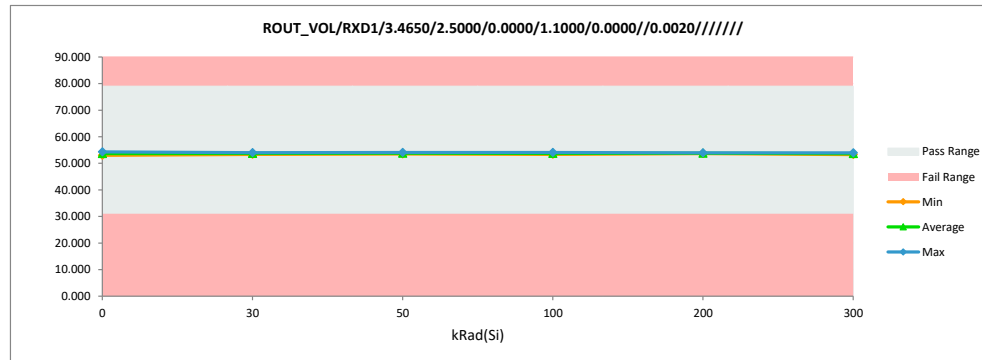
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.571	53.571	0.000
0	188A	52.989	52.989	0.000
0	191A	54.298	54.298	0.000
30	181B	53.571	53.353	-0.218
30	191B	54.298	54.007	-0.291
50	181C	53.571	53.498	-0.073
50	191C	54.298	54.080	-0.218
100	181D	53.571	53.353	-0.218
100	191D	54.298	54.080	-0.218
200	181E	53.571	53.644	0.073
200	191E	54.298	53.934	-0.363
300	181F	53.571	53.280	-0.291
300	191F	54.298	53.934	-0.363
Max		54.298	54.298	0.073
Average		53.862	53.694	-0.168
Min		52.989	52.989	-0.363
Std Dev		0.448	0.391	0.150



ROUT_VOL/RXD1/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	52.989	53.353	53.498	53.353	53.644	53.280
Average	53.619	53.680	53.789	53.716	53.789	53.607
Max	54.298	54.007	54.080	54.080	53.934	53.934
UL	79.000	79.000	79.000	79.000	79.000	79.000

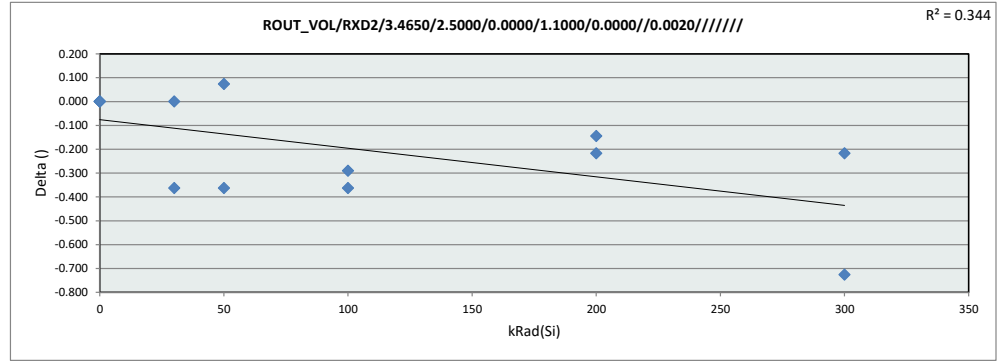


TID Report
DP83561-SP

ROUT_VOL/RXD2/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

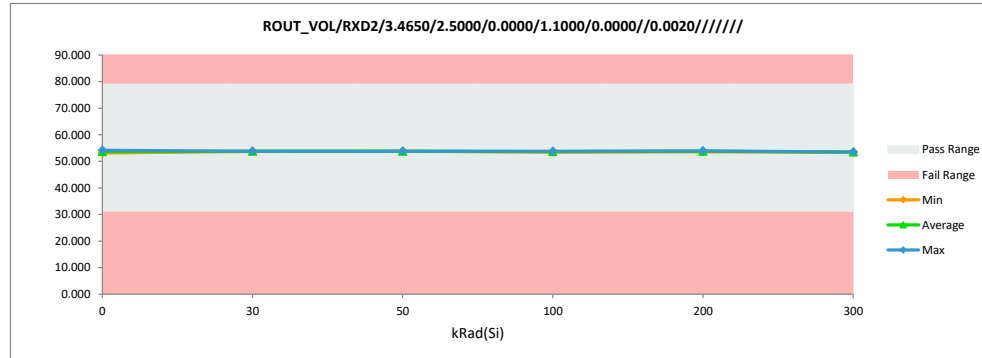
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.713	53.713	0.000
0	188A	53.131	53.131	0.000
0	191A	54.149	54.149	0.000
30	181B	53.713	53.713	0.000
30	191B	54.149	53.786	-0.363
50	181C	53.713	53.786	0.073
50	191C	54.149	53.786	-0.363
100	181D	53.713	53.422	-0.291
100	191D	54.149	53.786	-0.363
200	181E	53.713	53.568	-0.145
200	191E	54.149	53.931	-0.218
300	181F	53.713	53.495	-0.218
300	191F	54.149	53.422	-0.727
Max		54.149	54.149	0.073
Average		53.869	53.668	-0.201
Min		53.131	53.131	-0.727
Std Dev		0.311	0.260	0.224



ROUT_VOL/RXD2/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.131	53.713	53.786	53.422	53.568	53.422
Average	53.664	53.749	53.786	53.604	53.749	53.459
Max	54.149	53.786	53.786	53.786	53.931	53.495
UL	79.000	79.000	79.000	79.000	79.000	79.000

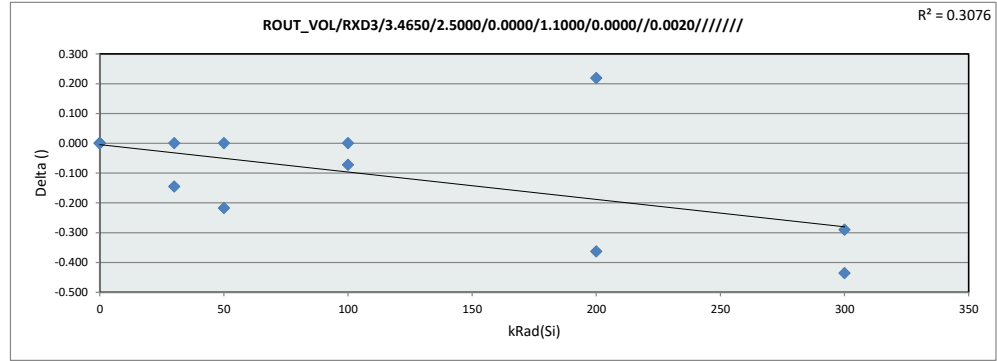


TID Report
DP83561-SP

ROUT_VOL/RXD3/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

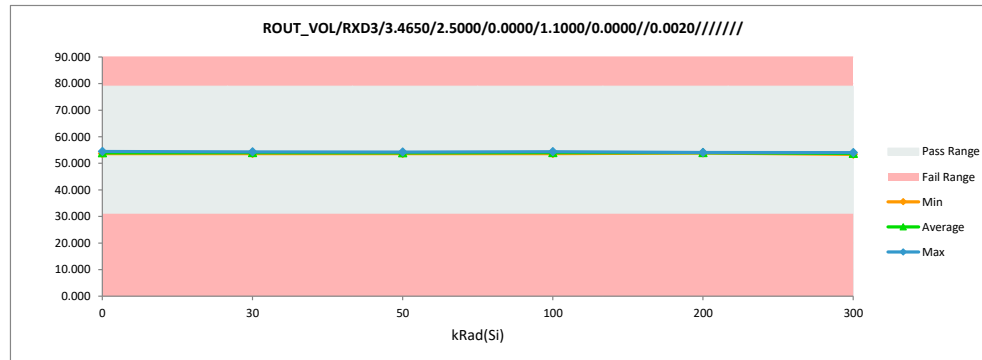
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	53.649	53.649	0.000
0	188A	53.649	53.649	0.000
0	191A	54.449	54.449	0.000
30	181B	53.649	53.649	0.000
30	191B	54.449	54.303	-0.145
50	181C	53.649	53.649	0.000
50	191C	54.449	54.230	-0.218
100	181D	53.649	53.649	0.000
100	191D	54.449	54.376	-0.073
200	181E	53.649	53.867	0.218
200	191E	54.449	54.085	-0.363
300	181F	53.649	53.358	-0.291
300	191F	54.449	54.012	-0.436
Max		54.449	54.449	0.218
Average		54.018	53.917	-0.101
Min		53.649	53.358	-0.436
Std Dev		0.415	0.348	0.182



ROUT_VOL/RXD3/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	53.649	53.649	53.649	53.649	53.867	53.358
Average	53.915	53.976	53.940	54.012	53.976	53.685
Max	54.449	54.303	54.230	54.376	54.085	54.012
UL	79.000	79.000	79.000	79.000	79.000	79.000

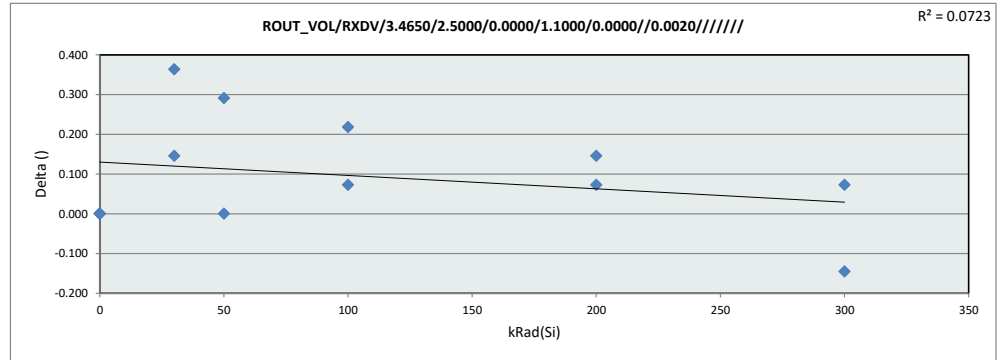


TID Report
DP83561-SP

ROUT_VOL/RXDV/3.4650/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

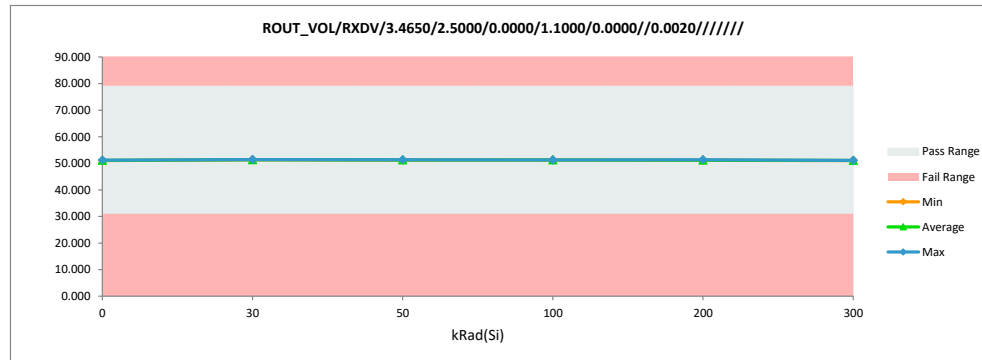
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	51.170	51.170	0.000
0	188A	51.097	51.097	0.000
0	191A	51.025	51.025	0.000
30	181B	51.170	51.315	0.145
30	191B	51.025	51.388	0.363
50	181C	51.170	51.170	0.000
50	191C	51.025	51.315	0.291
100	181D	51.170	51.243	0.073
100	191D	51.025	51.243	0.218
200	181E	51.170	51.315	0.145
200	191E	51.025	51.097	0.073
300	181F	51.170	51.025	-0.145
300	191F	51.025	51.097	0.073
Max		51.170	51.388	0.363
Average		51.097	51.192	0.095
Min		51.025	51.025	-0.145
Std Dev		0.073	0.120	0.137



ROUT_VOL/RXDV/3.4650/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	51.025	51.315	51.170	51.243	51.097	51.025
Average	51.097	51.352	51.243	51.243	51.206	51.061
Max	51.170	51.388	51.315	51.243	51.315	51.097
UL	79.000	79.000	79.000	79.000	79.000	79.000

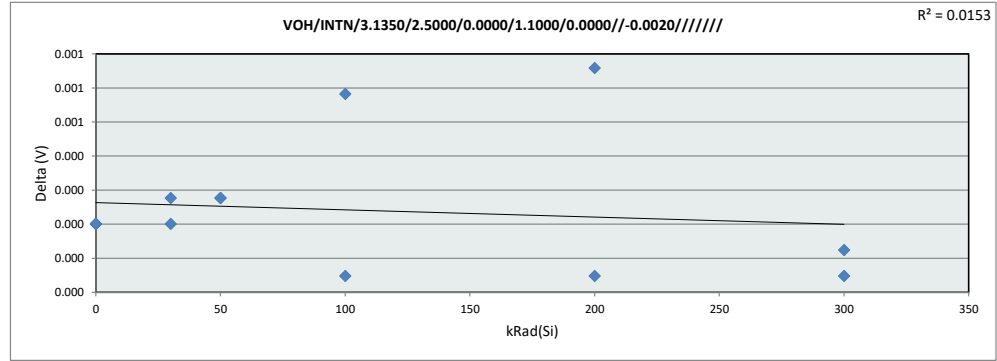


TID Report
DP83561-SP

VOH/INTN/3.1350/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

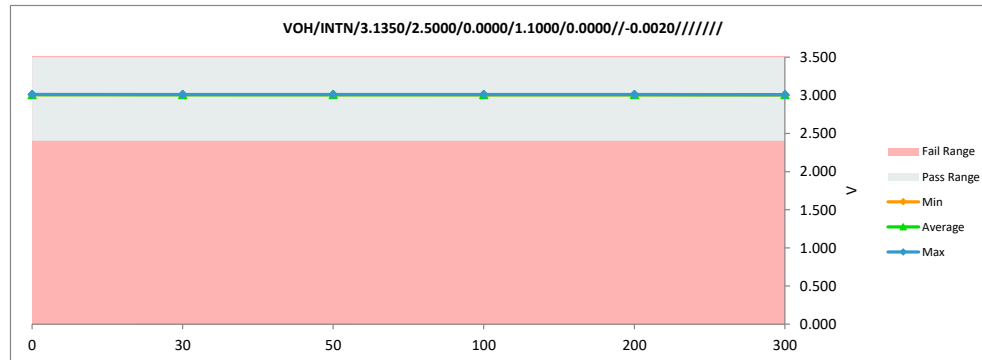
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.009	3.009	0.000
0	188A	3.011	3.011	0.000
0	191A	3.007	3.007	0.000
30	181B	3.009	3.009	0.000
30	191B	3.007	3.007	0.000
50	181C	3.009	3.009	0.000
50	191C	3.007	3.007	0.000
100	181D	3.009	3.010	0.001
100	191D	3.007	3.007	0.000
200	181E	3.009	3.010	0.001
200	191E	3.007	3.007	0.000
300	181F	3.009	3.009	0.000
300	191F	3.007	3.007	0.000
Max		3.011	3.011	0.001
Average		3.008	3.008	0.000
Min		3.007	3.007	0.000
Std Dev		0.001	0.002	0.000



VOH/INTN/3.1350/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.007	3.007	3.007	3.007	3.007	3.007
Average	3.009	3.008	3.008	3.008	3.008	3.008
Max	3.011	3.009	3.009	3.010	3.010	3.009
UL						

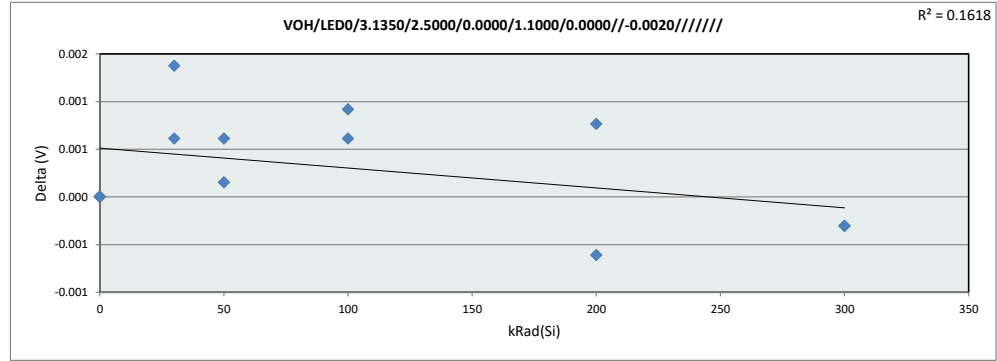


TID Report
DP83561-SP

VOH/LED0/3.1350/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

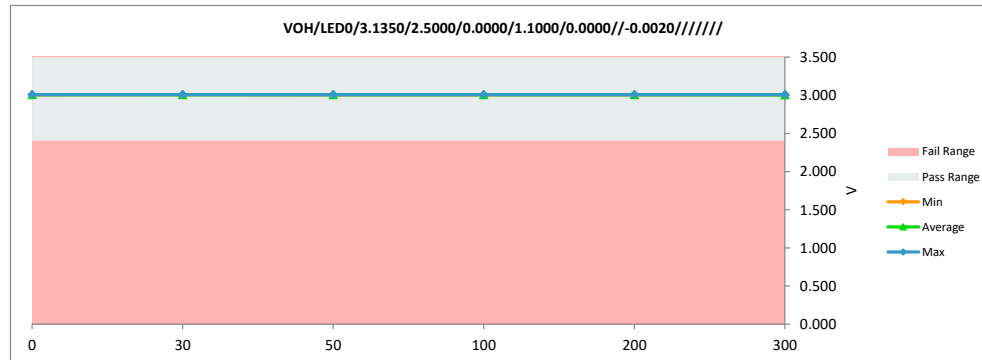
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.008	3.008	0.000
0	188A	3.009	3.009	0.000
0	191A	3.006	3.006	0.000
30	181B	3.008	3.008	0.001
30	191B	3.006	3.007	0.001
50	181C	3.008	3.008	0.000
50	191C	3.006	3.006	0.001
100	181D	3.008	3.009	0.001
100	191D	3.006	3.006	0.001
200	181E	3.008	3.008	0.001
200	191E	3.006	3.005	-0.001
300	181F	3.008	3.007	0.000
300	191F	3.006	3.006	0.000
Max		3.009	3.009	0.001
Average		3.007	3.007	0.000
Min		3.006	3.005	-0.001
Std Dev		0.001	0.001	0.001



VOH/LED0/3.1350/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.006	3.007	3.006	3.006	3.005	3.006
Average	3.007	3.008	3.007	3.008	3.007	3.006
Max	3.009	3.008	3.008	3.009	3.008	3.007
UL						

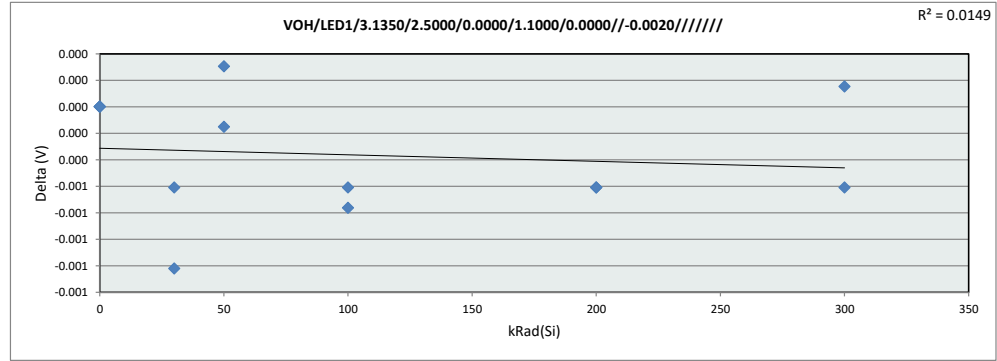


TID Report
DP83561-SP

VOH/LED1/3.1350/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

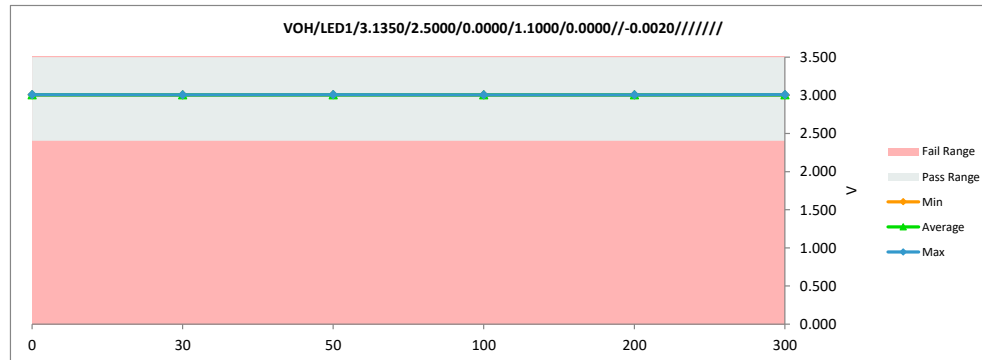
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.007	3.007	0.000
0	188A	3.008	3.008	0.000
0	191A	3.005	3.005	0.000
30	181B	3.007	3.006	-0.001
30	191B	3.005	3.004	-0.001
50	181C	3.007	3.008	0.000
50	191C	3.005	3.004	0.000
100	181D	3.007	3.007	-0.001
100	191D	3.005	3.004	-0.001
200	181E	3.007	3.007	-0.001
200	191E	3.005	3.004	-0.001
300	181F	3.007	3.008	0.000
300	191F	3.005	3.004	-0.001
Max		3.008	3.008	0.000
Average		3.006	3.006	0.000
Min		3.005	3.004	-0.001
Std Dev		0.001	0.002	0.000



VOH/LED1/3.1350/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.005	3.004	3.004	3.004	3.004	3.004
Average	3.007	3.005	3.006	3.005	3.005	3.006
Max	3.008	3.006	3.008	3.007	3.007	3.008
UL						

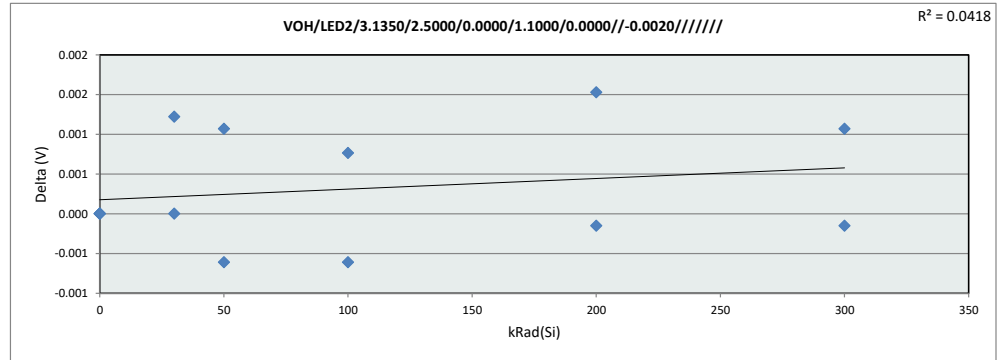


TID Report
DP83561-SP

VOH/LED2/3.1350/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

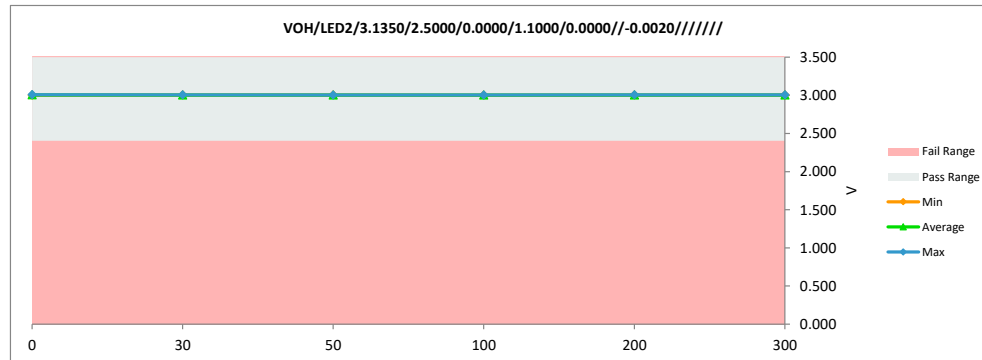
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.005	3.005	0.000
0	188A	3.008	3.008	0.000
0	191A	3.001	3.001	0.000
30	181B	3.005	3.005	0.000
30	191B	3.001	3.002	0.001
50	181C	3.005	3.004	-0.001
50	191C	3.001	3.002	0.001
100	181D	3.005	3.004	-0.001
100	191D	3.001	3.002	0.001
200	181E	3.005	3.004	0.000
200	191E	3.001	3.002	0.002
300	181F	3.005	3.004	0.000
300	191F	3.001	3.002	0.001
Max		3.008	3.008	0.002
Average		3.003	3.003	0.000
Min		3.001	3.001	-0.001
Std Dev		0.002	0.002	0.001



VOH/LED2/3.1350/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.001	3.002	3.002	3.002	3.002	3.002
Average	3.004	3.003	3.003	3.003	3.003	3.003
Max	3.008	3.005	3.004	3.004	3.004	3.004
UL						

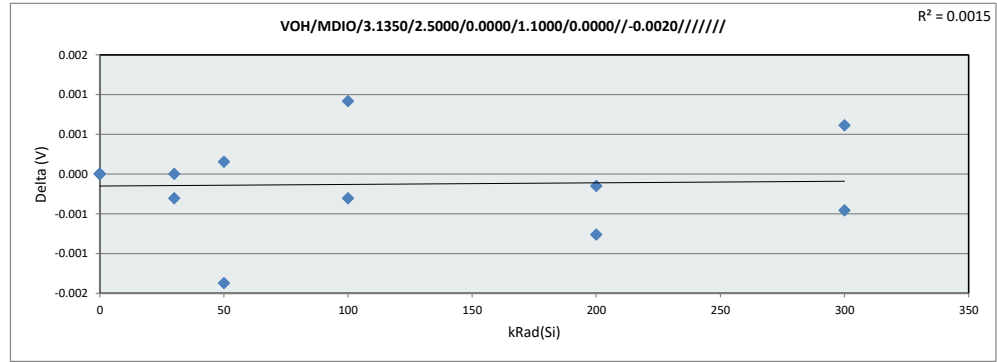


TID Report
DP83561-SP

VOH/MDIO/3.1350/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

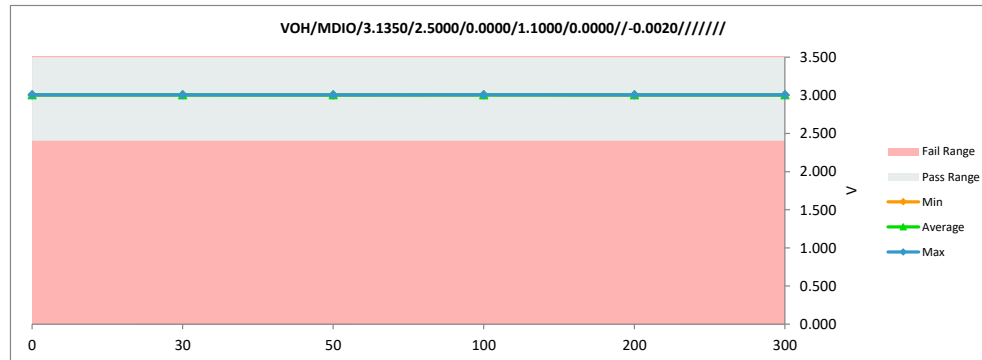
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.006	3.006	0.000
0	188A	3.006	3.006	0.000
0	191A	3.005	3.005	0.000
30	181B	3.006	3.006	0.000
30	191B	3.005	3.004	0.000
50	181C	3.006	3.006	0.000
50	191C	3.005	3.003	-0.001
100	181D	3.006	3.007	0.001
100	191D	3.005	3.004	0.000
200	181E	3.006	3.006	0.000
200	191E	3.005	3.004	-0.001
300	181F	3.006	3.006	0.001
300	191F	3.005	3.004	0.000
Max		3.006	3.007	0.001
Average		3.005	3.005	0.000
Min		3.005	3.003	-0.001
Std Dev		0.001	0.001	0.001



VOH/MDIO/3.1350/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.005	3.004	3.003	3.004	3.004	3.004
Average	3.005	3.005	3.005	3.006	3.005	3.005
Max	3.006	3.006	3.006	3.007	3.006	3.006
UL						

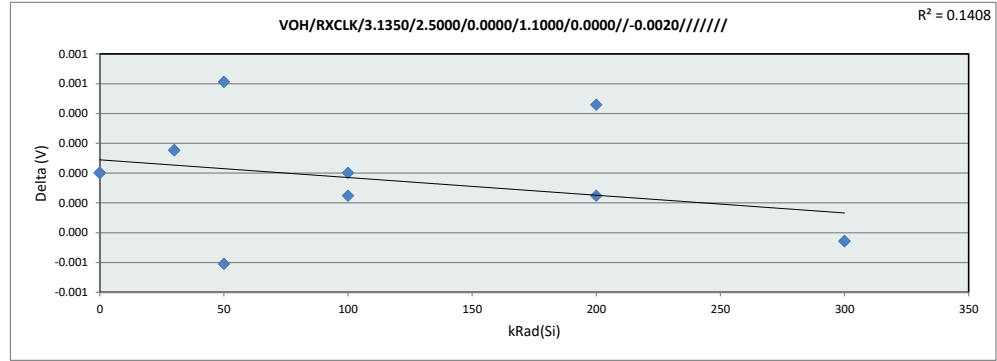


TID Report
DP83561-SP

VOH/RXCLK/3.1350/2.5000/0.0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

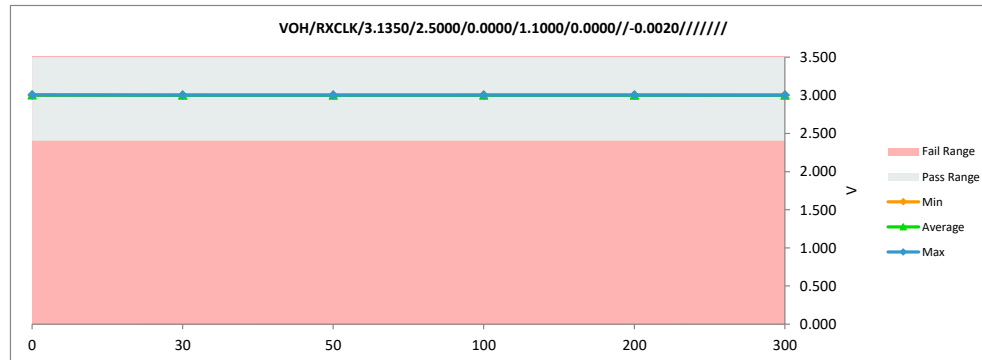
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.001	3.001	0.000
0	188A	3.006	3.006	0.000
0	191A	3.002	3.002	0.000
30	181B	3.001	3.001	0.000
30	191B	3.002	3.003	0.000
50	181C	3.001	3.000	-0.001
50	191C	3.002	3.003	0.001
100	181D	3.001	3.001	0.000
100	191D	3.002	3.002	0.000
200	181E	3.001	3.001	0.000
200	191E	3.002	3.002	0.000
300	181F	3.001	3.000	0.000
300	191F	3.002	3.002	0.000
	Max	3.006	3.006	0.001
	Average	3.002	3.002	0.000
	Min	3.001	3.000	-0.001
	Std Dev	0.001	0.001	0.000



VOH/RXCLK/3.1350/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.001	3.001	3.000	3.001	3.001	3.000
Average	3.003	3.002	3.002	3.002	3.002	3.001
Max	3.006	3.003	3.003	3.002	3.002	3.002
UL						

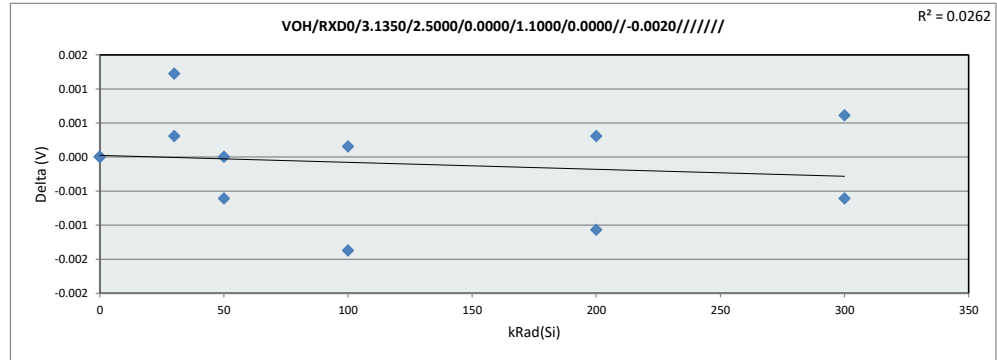


TID Report
DP83561-SP

VOH/RXD0/3.1350/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

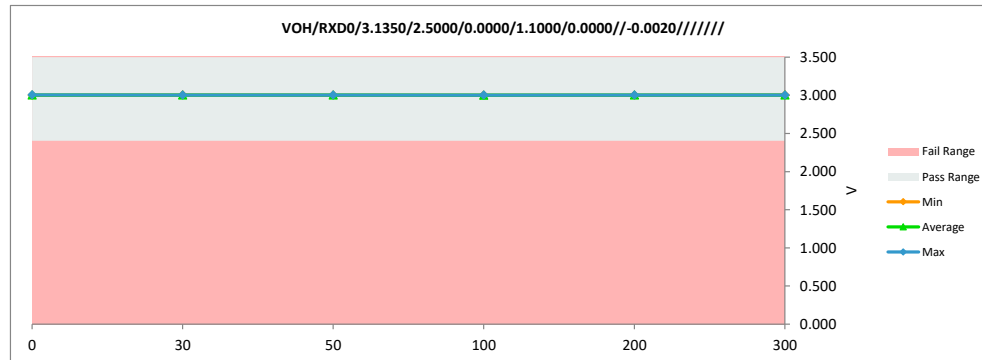
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.003	3.003	0.000
0	188A	3.005	3.005	0.000
0	191A	3.001	3.001	0.000
30	181B	3.003	3.004	0.000
30	191B	3.001	3.003	0.001
50	181C	3.003	3.003	-0.001
50	191C	3.001	3.001	0.000
100	181D	3.003	3.002	-0.001
100	191D	3.001	3.001	0.000
200	181E	3.003	3.002	-0.001
200	191E	3.001	3.002	0.000
300	181F	3.003	3.003	-0.001
300	191F	3.001	3.002	0.001
Max		3.005	3.005	0.001
Average		3.003	3.002	0.000
Min		3.001	3.001	-0.001
Std Dev		0.001	0.001	0.001



VOH/RXD0/3.1350/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.001	3.003	3.001	3.001	3.002	3.002
Average	3.003	3.003	3.002	3.002	3.002	3.002
Max	3.005	3.004	3.003	3.002	3.002	3.003
UL						

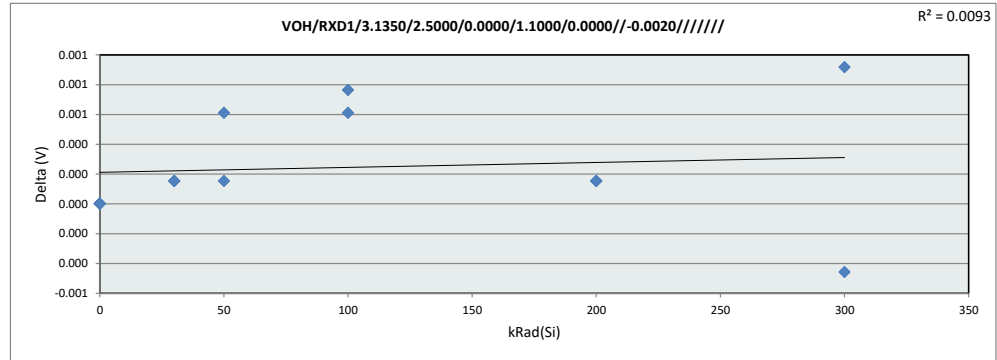


TID Report
DP83561-SP

VOH/RXD1/3.1350/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

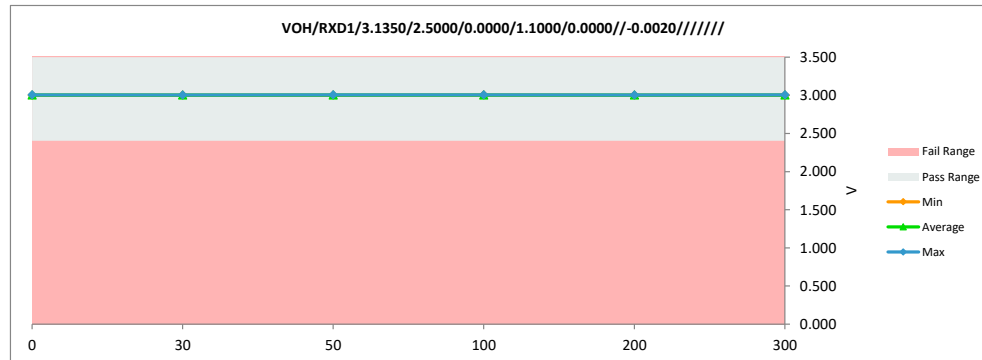
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.004	3.004	0.000
0	188A	3.005	3.005	0.000
0	191A	3.001	3.001	0.000
30	181B	3.004	3.004	0.000
30	191B	3.001	3.002	0.000
50	181C	3.004	3.004	0.001
50	191C	3.001	3.002	0.000
100	181D	3.004	3.004	0.001
100	191D	3.001	3.002	0.001
200	181E	3.004	3.004	0.000
200	191E	3.001	3.002	0.000
300	181F	3.004	3.005	0.001
300	191F	3.001	3.001	0.000
Max		3.005	3.005	0.001
Average		3.003	3.003	0.000
Min		3.001	3.001	0.000
Std Dev		0.001	0.001	0.000



VOH/RXD1/3.1350/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.001	3.002	3.002	3.002	3.002	3.001
Average	3.003	3.003	3.003	3.003	3.003	3.003
Max	3.005	3.004	3.004	3.004	3.004	3.005
UL						

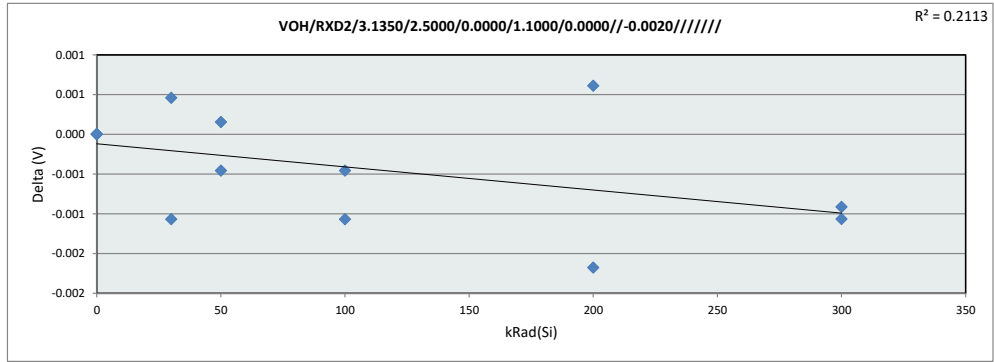


TID Report
DP83561-SP

VOH/RXD2/3.1350/2.5000/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

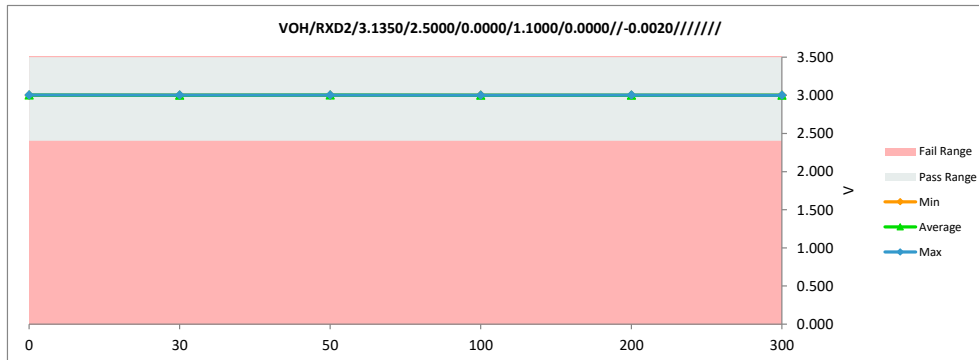
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.003	3.003	0.000
0	188A	3.004	3.004	0.000
0	191A	3.001	3.001	0.000
30	181B	3.003	3.002	-0.001
30	191B	3.001	3.002	0.000
50	181C	3.003	3.003	0.000
50	191C	3.001	3.001	0.000
100	181D	3.003	3.002	-0.001
100	191D	3.001	3.001	0.000
200	181E	3.003	3.003	0.001
200	191E	3.001	3.000	-0.002
300	181F	3.003	3.002	-0.001
300	191F	3.001	3.000	-0.001
Max		3.004	3.004	0.001
Average		3.002	3.002	0.000
Min		3.001	3.000	-0.002
Std Dev		0.001	0.001	0.001



VOH/RXD2/3.1350/2.5000/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.001	3.002	3.001	3.001	3.000	3.000
Average	3.003	3.002	3.002	3.001	3.001	3.001
Max	3.004	3.002	3.003	3.002	3.003	3.002
UL						

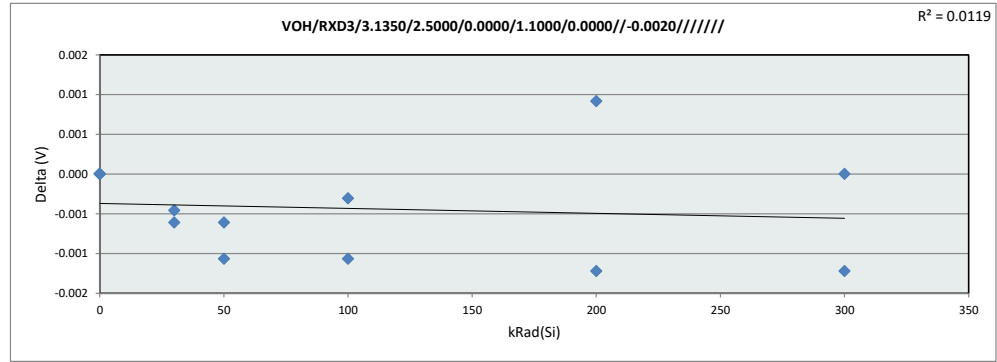


TID Report
DP83561-SP

VOH/RXD3/3.1350/2.5000/0.00

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

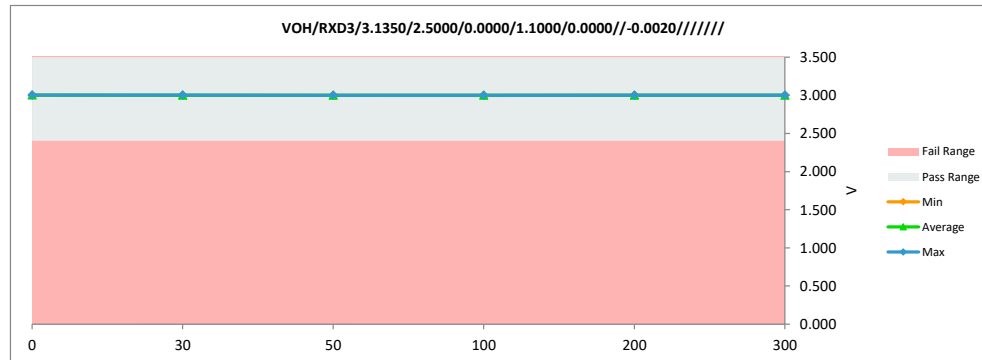
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.003	3.003	0.000
0	188A	3.003	3.003	0.000
0	191A	3.000	3.000	0.000
30	181B	3.003	3.002	0.000
30	191B	3.000	2.999	-0.001
50	181C	3.003	3.002	-0.001
50	191C	3.000	2.999	-0.001
100	181D	3.003	3.002	-0.001
100	191D	3.000	2.999	0.000
200	181E	3.003	3.001	-0.001
200	191E	3.000	3.000	0.001
300	181F	3.003	3.001	-0.001
300	191F	3.000	3.000	0.000
Max		3.003	3.003	0.001
Average		3.001	3.001	0.000
Min		3.000	2.999	-0.001
Std Dev		0.002	0.002	0.001



VOH/RXD3/3.1350/2.5000/0.00

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.000	2.999	2.999	2.999	3.000	3.000
Average	3.002	3.001	3.000	3.000	3.001	3.001
Max	3.003	3.002	3.002	3.002	3.001	3.001
UL						

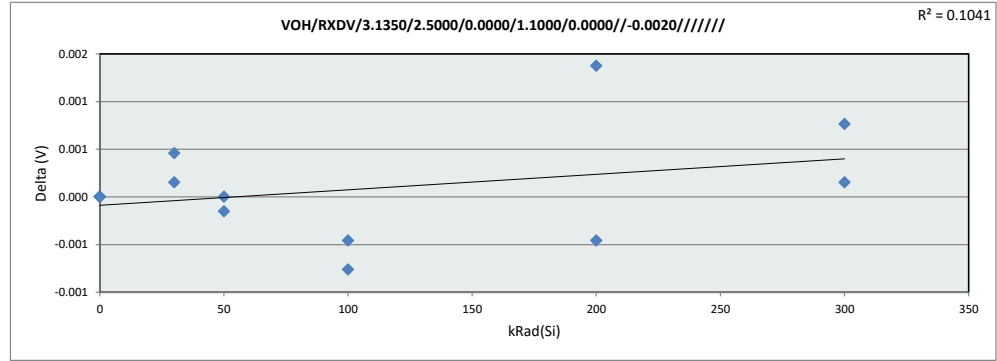


TID Report
DP83561-SP

VOH/RXDV/3.1350/2.5000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	V	V
Max Limit		
Min Limit	2.404999971	2.404999971

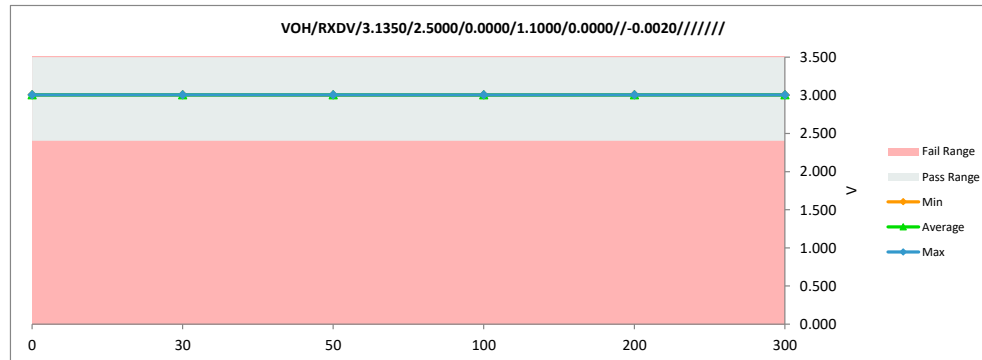
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.006	3.006	0.000
0	188A	3.005	3.005	0.000
0	191A	3.004	3.004	0.000
30	181B	3.006	3.006	0.000
30	191B	3.004	3.005	0.000
50	181C	3.006	3.006	0.000
50	191C	3.004	3.004	0.000
100	181D	3.006	3.005	-0.001
100	191D	3.004	3.004	0.000
200	181E	3.006	3.005	0.000
200	191E	3.004	3.006	0.001
300	181F	3.006	3.006	0.000
300	191F	3.004	3.005	0.001
Max		3.006	3.006	0.001
Average		3.005	3.005	0.000
Min		3.004	3.004	-0.001
Std Dev		0.001	0.001	0.001



VOH/RXDV/3.1350/2.5000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	V
Min Limit	2.404999971

kRad(Si)	0	30	50	100	200	300
LL	2.405	2.405	2.405	2.405	2.405	2.405
Min	3.004	3.005	3.004	3.004	3.005	3.005
Average	3.005	3.005	3.005	3.004	3.006	3.006
Max	3.006	3.006	3.006	3.005	3.006	3.006
UL						

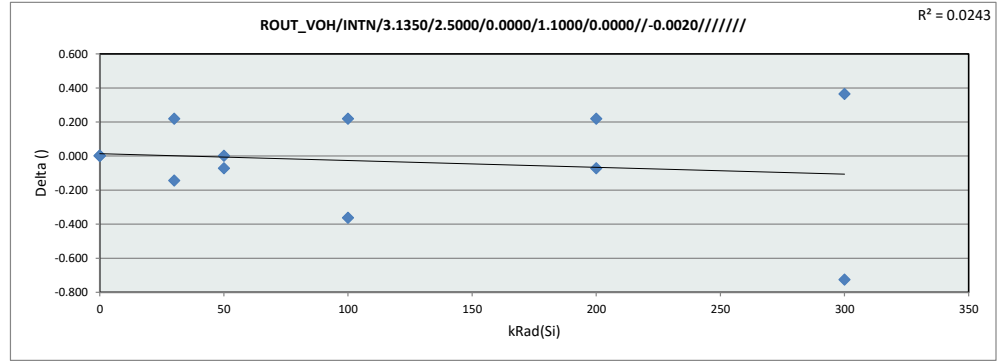


TID Report
DP83561-SP

ROUT_VOH/INTN/3.1350/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

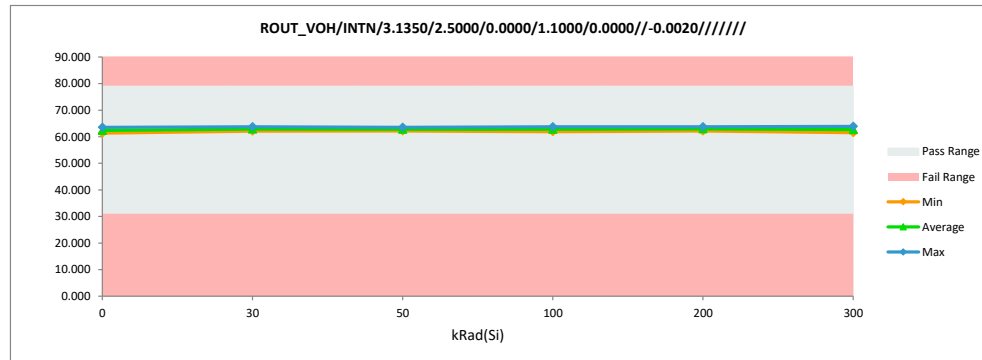
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	62.223	62.223	0.000
0	188A	61.351	61.351	0.000
0	191A	63.531	63.531	0.000
30	181B	62.223	62.078	-0.145
30	191B	63.531	63.749	0.218
50	181C	62.223	62.150	-0.073
50	191C	63.531	63.531	0.000
100	181D	62.223	61.860	-0.363
100	191D	63.531	63.749	0.218
200	181E	62.223	62.150	-0.073
200	191E	63.531	63.749	0.218
300	181F	62.223	61.496	-0.727
300	191F	63.531	63.895	0.363
Max		63.531	63.895	0.363
Average		62.760	62.732	-0.028
Min		61.351	61.351	-0.727
Std Dev		0.779	0.970	0.282



ROUT_VOH/INTN/3.1350/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

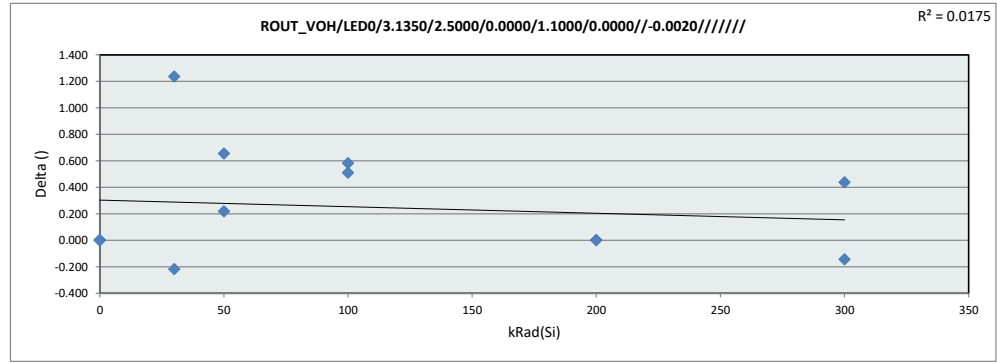
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	61.351	62.078	62.150	61.860	62.150	61.496
Average	62.368	62.913	62.841	62.804	62.950	62.695
Max	63.531	63.749	63.531	63.749	63.749	63.895
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
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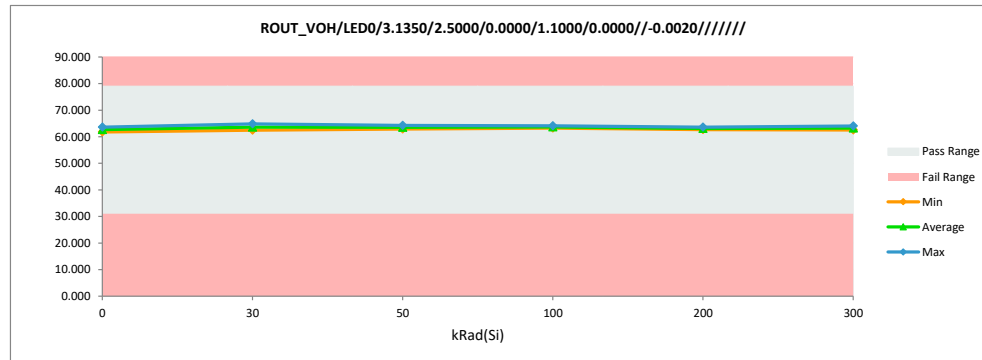
ROUT_VOH/LEDO/3.1350/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	62.654	62.654	0.000
0	188A	61.782	61.782	0.000
0	191A	63.599	63.599	0.000
30	181B	62.654	62.436	-0.218
30	191B	63.599	64.835	1.236
50	181C	62.654	62.872	0.218
50	191C	63.599	64.253	0.654
100	181D	62.654	63.236	0.581
100	191D	63.599	64.108	0.509
200	181E	62.654	62.654	0.000
200	191E	63.599	63.599	0.000
300	181F	62.654	62.509	-0.145
300	191F	63.599	64.035	0.436
	Max	63.599	64.835	1.236
	Average	63.023	63.275	0.252
	Min	61.782	61.782	-0.218
	Std Dev	0.602	0.882	0.412



ROUT_VOH/LEDO/3.1350/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

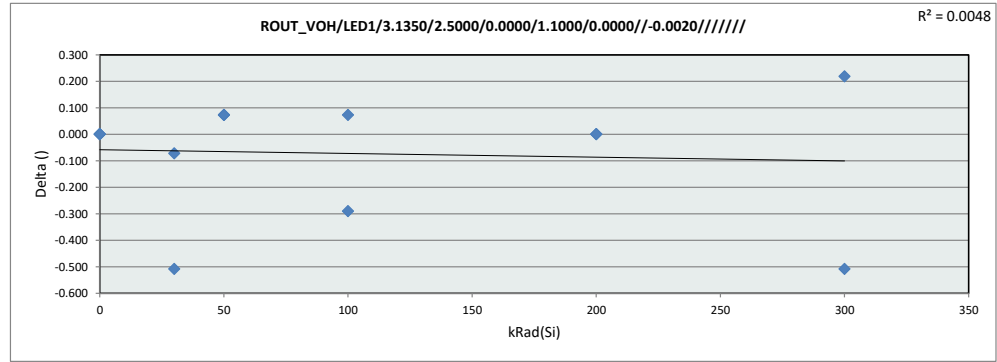
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	61.782	62.436	62.872	63.236	62.654	62.509
Average	62.679	63.636	63.563	63.672	63.127	63.272
Max	63.599	64.835	64.253	64.108	63.599	64.035
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

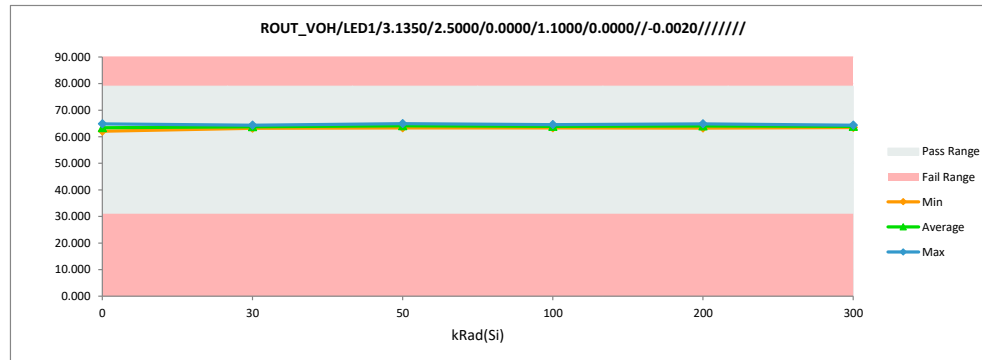
ROUT_VOH/LED1/3.1350/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.237	63.237	0.000
0	188A	62.074	62.074	0.000
0	191A	64.837	64.837	0.000
30	181B	63.237	63.165	-0.073
30	191B	64.837	64.328	-0.509
50	181C	63.237	63.310	0.073
50	191C	64.837	64.909	0.073
100	181D	63.237	63.310	0.073
100	191D	64.837	64.546	-0.291
200	181E	63.237	63.237	0.000
200	191E	64.837	64.837	0.000
300	181F	63.237	63.456	0.218
300	191F	64.837	64.328	-0.509
Max		64.837	64.909	0.218
Average		63.886	63.813	-0.073
Min		62.074	62.074	-0.509
Std Dev		0.967	0.871	0.224



ROUT_VOH/LED1/3.1350/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

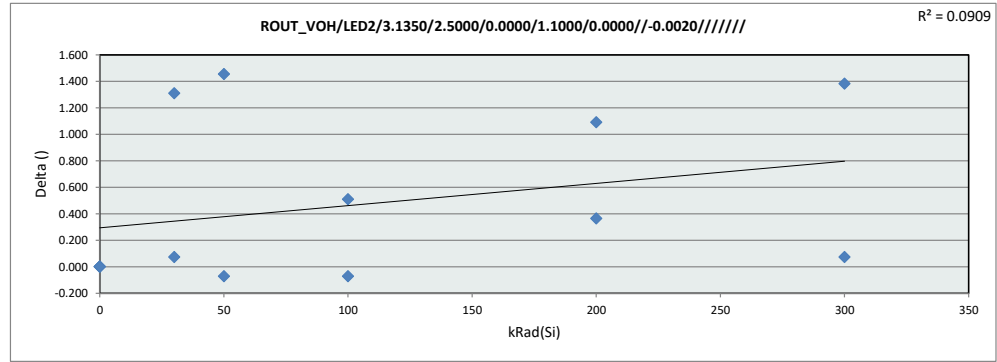
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	62.074	63.165	63.310	63.310	63.237	63.456
Average	63.383	63.746	64.110	63.928	64.037	63.892
Max	64.837	64.328	64.909	64.546	64.837	64.328
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
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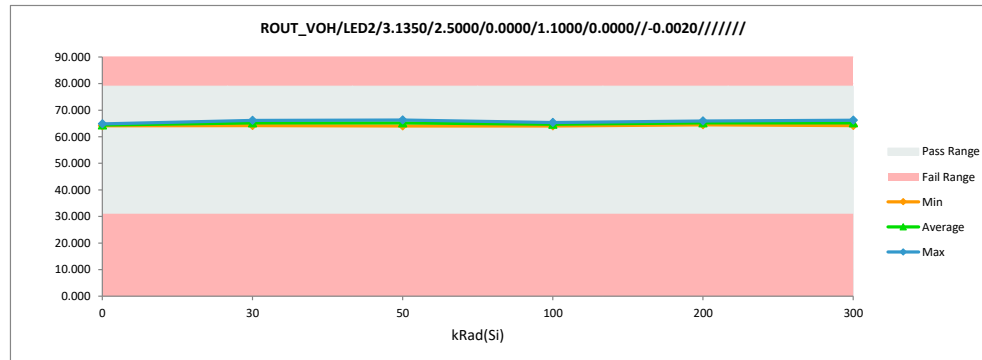
ROUT_VOH/LED2/3.1350/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.110	64.110	0.000
0	188A	64.256	64.256	0.000
0	191A	64.837	64.837	0.000
30	181B	64.110	64.183	0.073
30	191B	64.837	66.146	1.308
50	181C	64.110	64.038	-0.073
50	191C	64.837	66.291	1.454
100	181D	64.110	64.038	-0.073
100	191D	64.837	65.346	0.509
200	181E	64.110	64.474	0.364
200	191E	64.837	65.928	1.090
300	181F	64.110	64.183	0.073
300	191F	64.837	66.218	1.381
	Max	64.837	66.291	1.454
	Average	64.457	64.927	0.470
	Min	64.110	64.038	-0.073
	Std Dev	0.368	0.922	0.610



ROUT_VOH/LED2/3.1350/2.5000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.110	64.183	64.038	64.038	64.474	64.183
Average	64.401	65.164	65.164	64.692	65.201	65.201
Max	64.837	66.146	66.291	65.346	65.928	66.218
UL	79.000	79.000	79.000	79.000	79.000	79.000

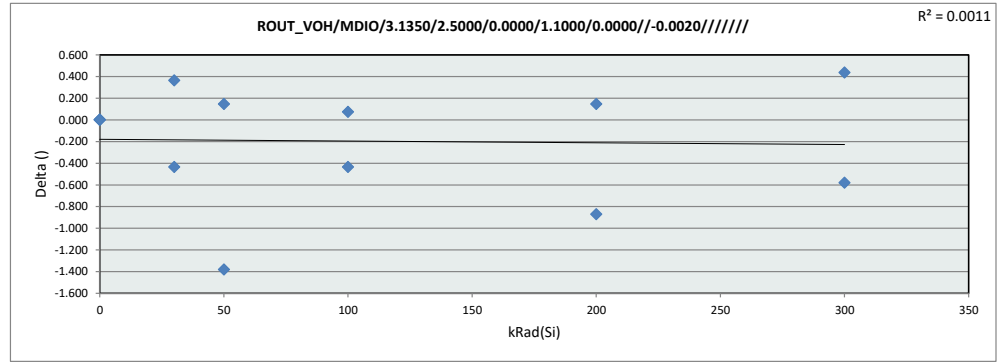


TID Report
DP83561-SP

ROUT_VOH/MDIO/3.1350/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

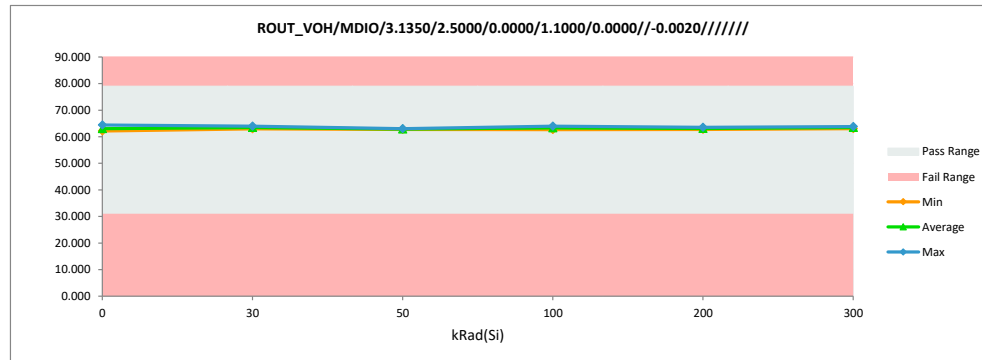
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	62.591	62.591	0.000
0	188A	62.154	62.154	0.000
0	191A	64.408	64.408	0.000
30	181B	62.591	62.954	0.364
30	191B	64.408	63.972	-0.436
50	181C	62.591	62.736	0.145
50	191C	64.408	63.027	-1.381
100	181D	62.591	62.663	0.073
100	191D	64.408	63.972	-0.436
200	181E	62.591	62.736	0.145
200	191E	64.408	63.536	-0.872
300	181F	62.591	63.027	0.436
300	191F	64.408	63.827	-0.582
	Max	64.408	64.408	0.436
	Average	63.396	63.200	-0.196
	Min	62.154	62.154	-1.381
	Std Dev	0.982	0.675	0.521



ROUT_VOH/MDIO/3.1350/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	62.154	62.954	62.736	62.663	62.736	63.027
Average	63.051	63.463	62.881	63.318	63.136	63.427
Max	64.408	63.972	63.027	63.972	63.536	63.827
UL	79.000	79.000	79.000	79.000	79.000	79.000

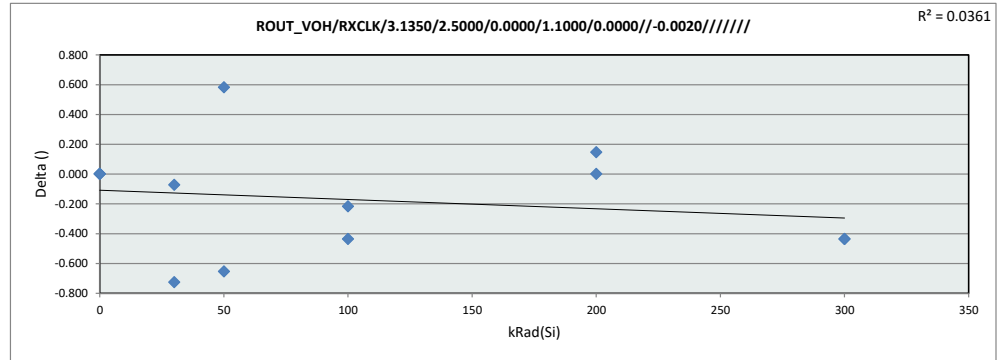


TID Report
DP83561-SP

ROUT_VOH/RXCLK/3.1350/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

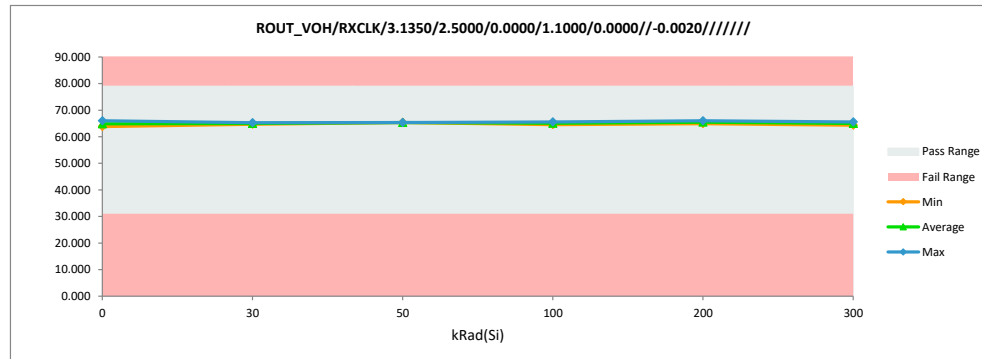
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	66.003	66.003	0.000
0	188A	63.822	63.822	0.000
0	191A	64.767	64.767	0.000
30	181B	66.003	65.276	-0.727
30	191B	64.767	64.695	-0.073
50	181C	66.003	65.349	-0.654
50	191C	64.767	65.349	0.582
100	181D	66.003	65.567	-0.436
100	191D	64.767	64.549	-0.218
200	181E	66.003	66.003	0.000
200	191E	64.767	64.913	0.145
300	181F	66.003	65.567	-0.436
300	191F	64.767	64.331	-0.436
Max		66.003	66.003	0.582
Average		65.265	65.092	-0.173
Min		63.822	63.822	-0.727
Std Dev		0.755	0.649	0.359



ROUT_VOH/RXCLK/3.1350/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

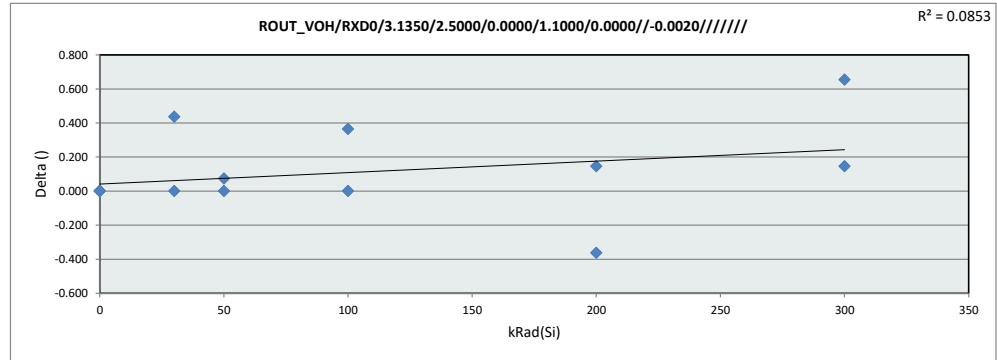
kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.822	64.695	65.349	64.549	64.913	64.331
Average	64.864	64.986	65.349	65.058	65.458	64.949
Max	66.003	65.276	65.349	65.567	66.003	65.567
UL	79.000	79.000	79.000	79.000	79.000	79.000



TID Report
DP83561-SP

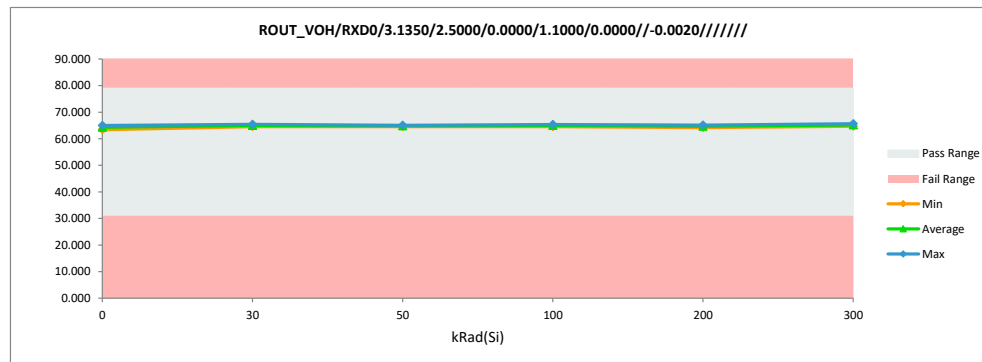
ROUT_VOH/RXD0/3.1350/2.500		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	64.551	64.551	0.000
0	188A	63.388	63.388	0.000
0	191A	64.987	64.987	0.000
30	181B	64.551	64.551	0.000
30	191B	64.987	65.423	0.436
50	181C	64.551	64.551	0.000
50	191C	64.987	65.060	0.073
100	181D	64.551	64.551	0.000
100	191D	64.987	65.351	0.364
200	181E	64.551	64.188	-0.363
200	191E	64.987	65.133	0.145
300	181F	64.551	64.696	0.145
300	191F	64.987	65.641	0.654
	Max	64.987	65.641	0.654
	Average	64.663	64.775	0.112
	Min	63.388	63.388	-0.363
	Std Dev	0.441	0.594	0.253



ROUT_VOH/RXD0/3.1350/2.500		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	79	79
Min Limit	31	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.388	64.551	64.551	64.551	64.188	64.696
Average	64.309	64.987	64.805	64.951	64.660	65.169
Max	64.987	65.423	65.060	65.351	65.133	65.641
UL	79.000	79.000	79.000	79.000	79.000	79.000

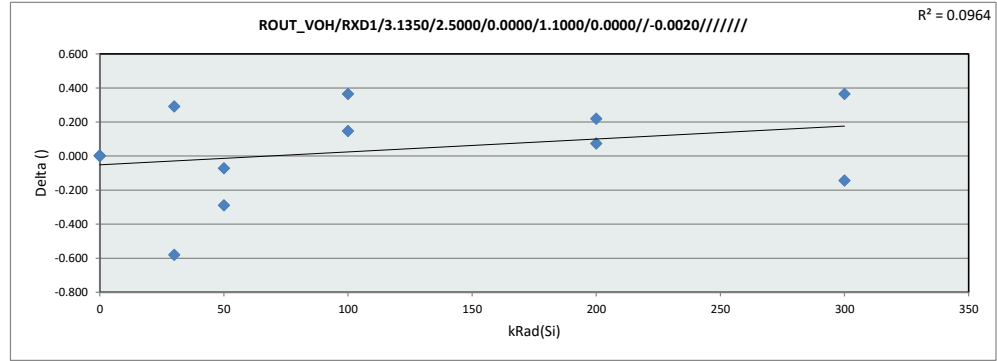


TID Report
DP83561-SP

ROUT_VOH/RXD1/3.1350/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

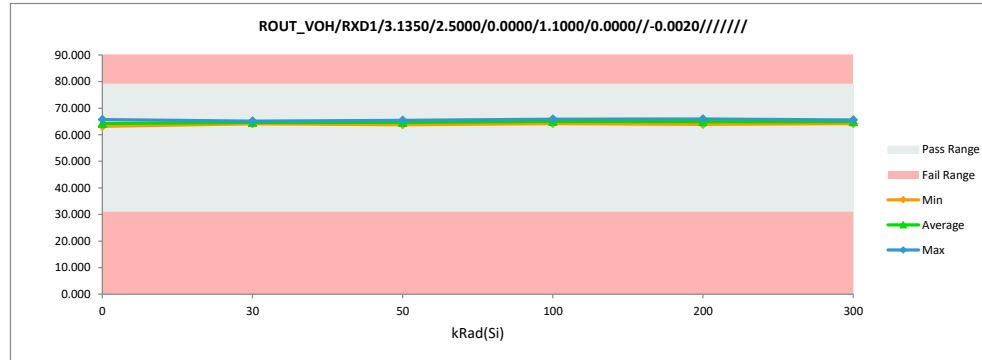
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	63.820	63.820	0.000
0	188A	63.166	63.166	0.000
0	191A	65.710	65.710	0.000
30	181B	63.820	64.111	0.291
30	191B	65.710	65.128	-0.582
50	181C	63.820	63.747	-0.073
50	191C	65.710	65.419	-0.291
100	181D	63.820	64.183	0.363
100	191D	65.710	65.855	0.145
200	181E	63.820	63.893	0.073
200	191E	65.710	65.928	0.218
300	181F	63.820	64.183	0.363
300	191F	65.710	65.564	-0.145
	Max	65.710	65.928	0.363
	Average	64.642	64.670	0.028
	Min	63.166	63.166	-0.582
	Std Dev	1.044	0.952	0.268



ROUT_VOH/RXD1/3.1350/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	63.166	64.111	63.747	64.183	63.893	64.183
Average	64.232	64.619	64.583	65.019	64.910	64.874
Max	65.710	65.128	65.419	65.855	65.928	65.564
UL	79.000	79.000	79.000	79.000	79.000	79.000

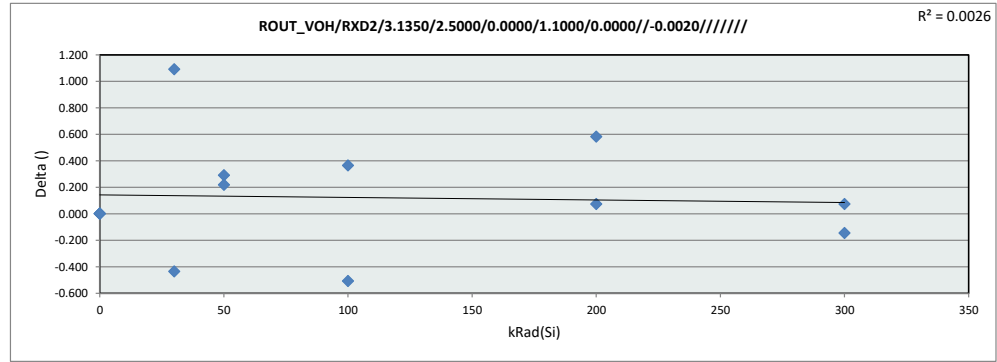


TID Report
DP83561-SP

ROUT_VOH/RXD2/3.1350/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

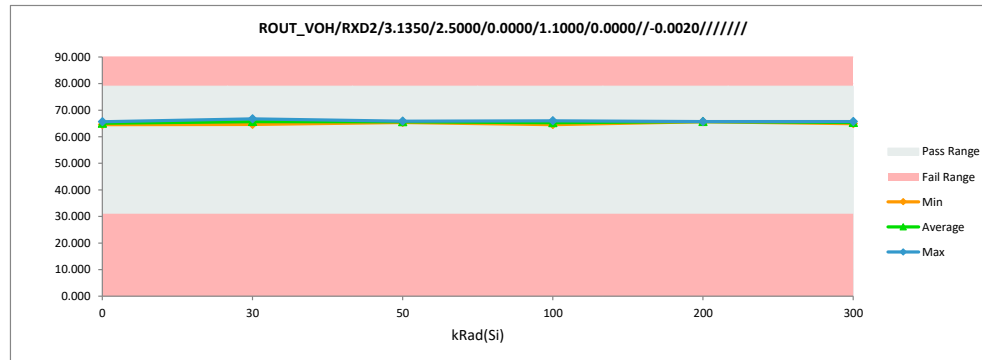
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.052	65.052	0.000
0	188A	64.543	64.543	0.000
0	191A	65.633	65.633	0.000
30	181B	65.052	64.615	-0.436
30	191B	65.633	66.723	1.090
50	181C	65.052	65.342	0.291
50	191C	65.633	65.851	0.218
100	181D	65.052	64.543	-0.509
100	191D	65.633	65.996	0.363
200	181E	65.052	65.633	0.581
200	191E	65.633	65.706	0.073
300	181F	65.052	64.906	-0.146
300	191F	65.633	65.706	0.073
	Max	65.633	66.723	1.090
	Average	65.281	65.404	0.123
	Min	64.543	64.543	-0.509
	Std Dev	0.366	0.649	0.416



ROUT_VOH/RXD2/3.1350/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.543	64.615	65.342	64.543	65.633	64.906
Average	65.076	65.669	65.597	65.270	65.669	65.306
Max	65.633	66.723	65.851	65.996	65.706	65.706
UL	79.000	79.000	79.000	79.000	79.000	79.000

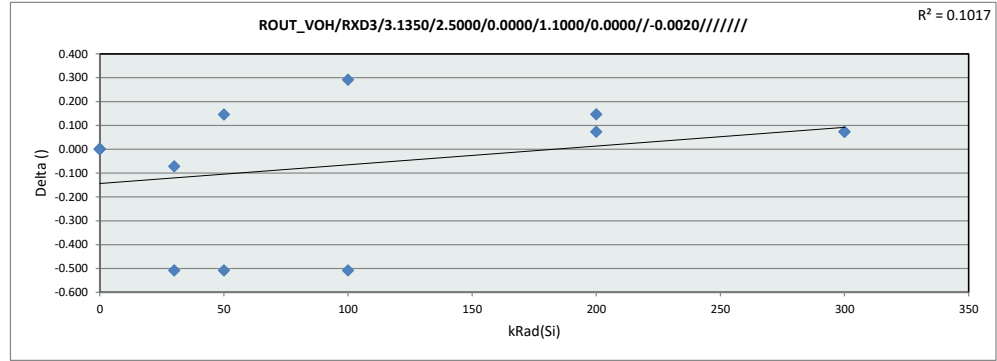


TID Report
DP83561-SP

ROUT_VOH/RXD3/3.1350/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

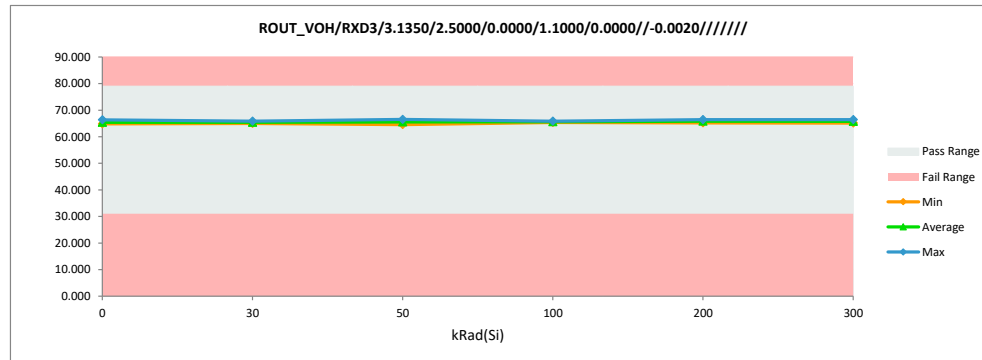
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	65.062	65.062	0.000
0	188A	64.844	64.844	0.000
0	191A	66.371	66.371	0.000
30	181B	65.062	64.989	-0.073
30	191B	66.371	65.862	-0.509
50	181C	65.062	64.553	-0.509
50	191C	66.371	66.516	0.145
100	181D	65.062	65.353	0.291
100	191D	66.371	65.862	-0.509
200	181E	65.062	65.207	0.145
200	191E	66.371	66.443	0.073
300	181F	65.062	65.135	0.073
300	191F	66.371	66.443	0.073
	Max	66.371	66.516	0.291
	Average	65.649	65.588	-0.062
	Min	64.844	64.553	-0.509
	Std Dev	0.698	0.692	0.270



ROUT_VOH/RXD3/3.1350/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	64.844	64.989	64.553	65.353	65.207	65.135
Average	65.425	65.425	65.534	65.607	65.825	65.789
Max	66.371	65.862	66.516	65.862	66.443	66.443
UL	79.000	79.000	79.000	79.000	79.000	79.000

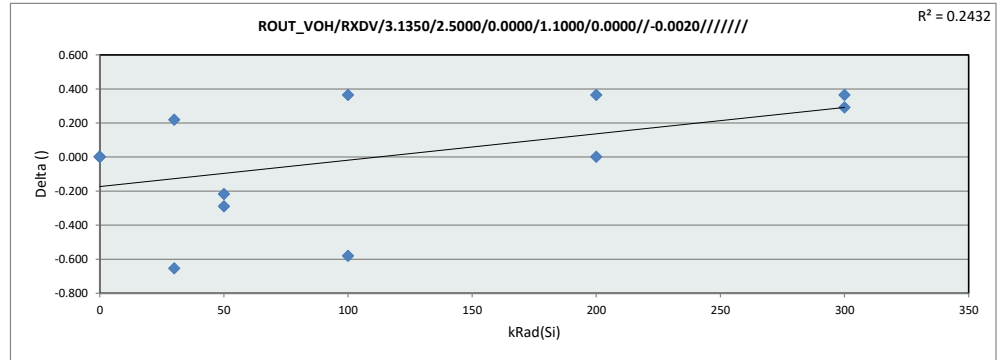


TID Report
DP83561-SP

ROUT_VOH/RXDV/3.1350/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	79	79
Min Limit	31	31

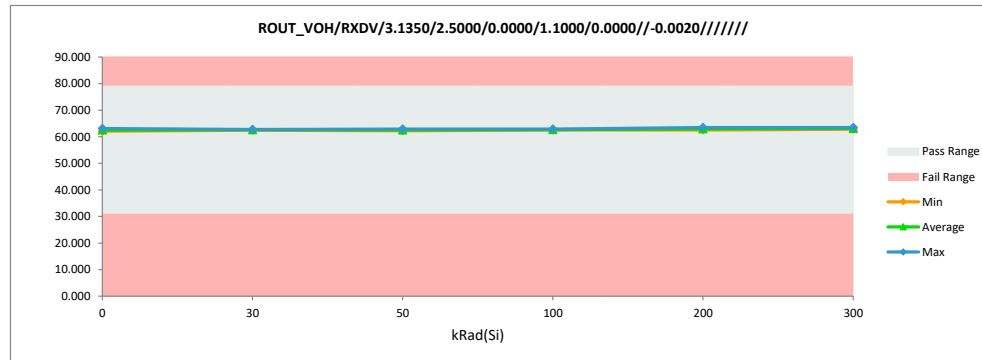
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	62.509	62.509	0.000
0	188A	62.073	62.073	0.000
0	191A	63.090	63.090	0.000
30	181B	62.509	62.727	0.218
30	191B	63.090	62.436	-0.654
50	181C	62.509	62.218	-0.291
50	191C	63.090	62.872	-0.218
100	181D	62.509	62.872	0.363
100	191D	63.090	62.509	-0.581
200	181E	62.509	62.509	0.000
200	191E	63.090	63.454	0.364
300	181F	62.509	62.800	0.291
300	191F	63.090	63.454	0.363
Max		63.090	63.454	0.364
Average		62.744	62.733	-0.011
Min		62.073	62.073	-0.654
Std Dev		0.354	0.423	0.345



ROUT_VOH/RXDV/3.1350/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	79
Min Limit	31

kRad(Si)	0	30	50	100	200	300
LL	31.000	31.000	31.000	31.000	31.000	31.000
Min	62.073	62.436	62.218	62.509	62.509	62.800
Average	62.557	62.582	62.545	62.691	62.981	63.127
Max	63.090	62.727	62.872	62.872	63.454	63.454
UL	79.000	79.000	79.000	79.000	79.000	79.000

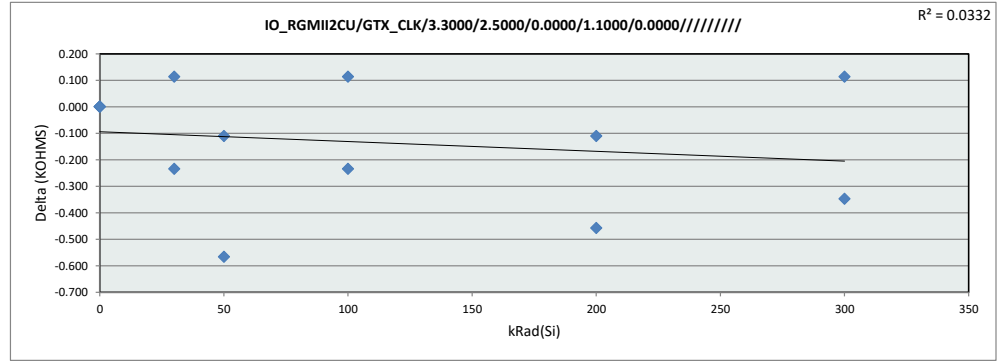


TID Report
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IO_RGMII2CU/GTX_CLK/3.3000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

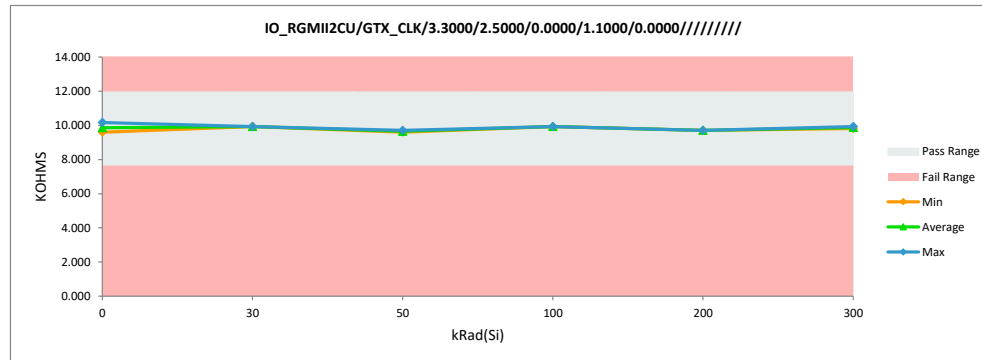
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	10.164	10.164	0.000
0	188A	9.598	9.598	0.000
0	191A	9.817	9.817	0.000
30	181B	10.164	9.930	-0.234
30	191B	9.817	9.930	0.113
50	181C	10.164	9.598	-0.566
50	191C	9.817	9.706	-0.111
100	181D	10.164	9.930	-0.234
100	191D	9.817	9.930	0.113
200	181E	10.164	9.706	-0.458
200	191E	9.817	9.706	-0.111
300	181F	10.164	9.817	-0.348
300	191F	9.817	9.930	0.113
Max		10.164	10.164	0.113
Average		9.960	9.828	-0.133
Min		9.598	9.598	-0.566
Std Dev		0.205	0.162	0.223



IO_RGMII2CU/GTX_CLK/3.3000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

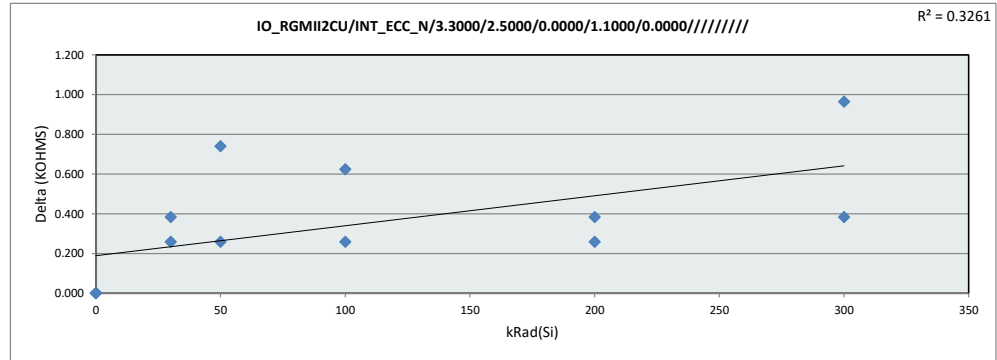
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.598	9.930	9.598	9.930	9.706	9.817
Average	9.860	9.930	9.652	9.930	9.706	9.873
Max	10.164	9.930	9.706	9.930	9.706	9.930
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
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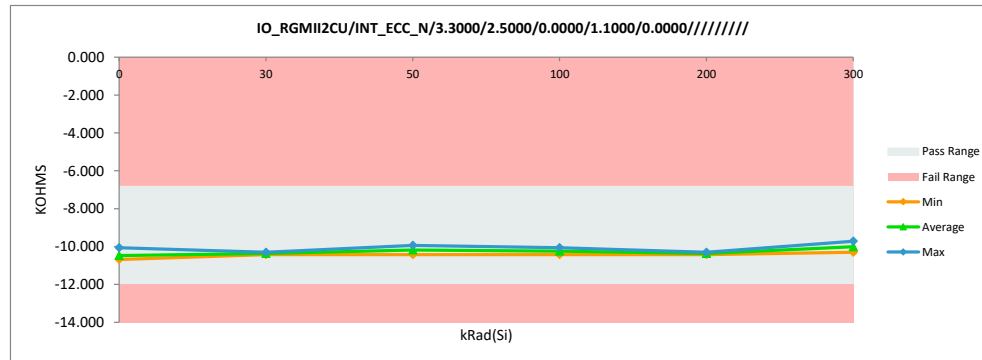
IO_RGMII2CU/INT_ECC_N/3.3000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.683	-10.683	0.000
0	188A	-10.060	-10.060	0.000
0	191A	-10.683	-10.683	0.000
30	181B	-10.683	-10.425	0.258
30	191B	-10.683	-10.300	0.383
50	181C	-10.683	-9.944	0.740
50	191C	-10.683	-10.425	0.258
100	181D	-10.683	-10.060	0.624
100	191D	-10.683	-10.425	0.258
200	181E	-10.683	-10.425	0.258
200	191E	-10.683	-10.300	0.383
300	181F	-10.683	-9.719	0.964
300	191F	-10.683	-10.300	0.383
Max		-10.060	-9.719	0.964
Average		-10.635	-10.288	0.347
Min		-10.683	-10.683	0.000
Std Dev		0.173	0.279	0.290



IO_RGMII2CU/INT_ECC_N/3.3000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

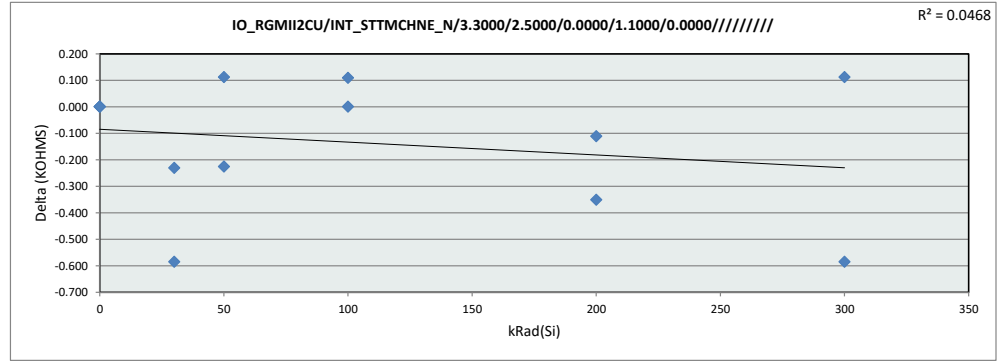
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.683	-10.425	-10.425	-10.425	-10.425	-10.300
Average	-10.475	-10.362	-10.184	-10.242	-10.362	-10.010
Max	-10.060	-10.300	-9.944	-10.060	-10.300	-9.719
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
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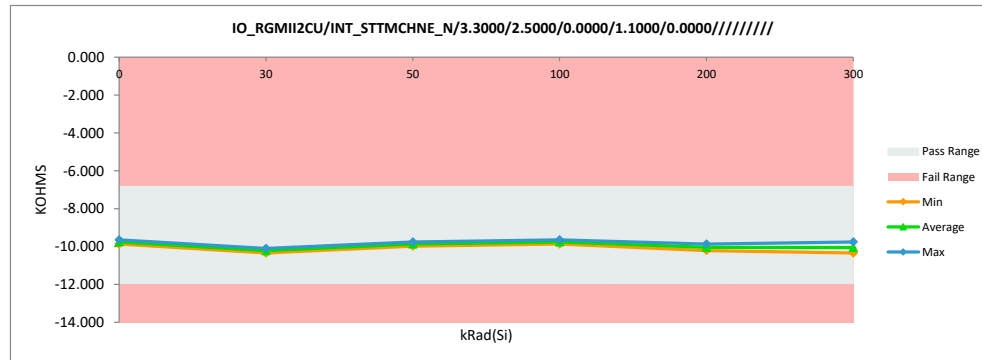
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Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.80000323	-6.80000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.866	-9.866	0.000
0	188A	-9.645	-9.645	0.000
0	191A	-9.754	-9.754	0.000
30	181B	-9.866	-10.097	-0.231
30	191B	-9.754	-10.340	-0.586
50	181C	-9.866	-9.754	0.112
50	191C	-9.754	-9.980	-0.226
100	181D	-9.866	-9.866	0.000
100	191D	-9.754	-9.645	0.109
200	181E	-9.866	-10.217	-0.351
200	191E	-9.754	-9.866	-0.112
300	181F	-9.866	-9.754	0.112
300	191F	-9.754	-10.340	-0.586
	Max	-9.645	-9.645	0.112
	Average	-9.798	-9.933	-0.135
	Min	-9.866	-10.340	-0.586
	Std Dev	0.072	0.244	0.246



		IO_RGMII2CU/INT_STTMCHNE_N	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.80000323	KOHMS
Min Limit		-11.95000057	KOHMS

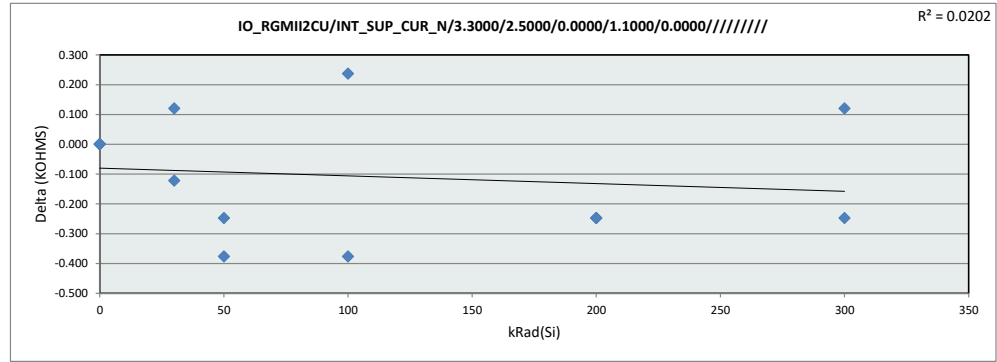
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.866	-10.340	-9.980	-9.866	-10.217	-10.340
Average	-9.755	-10.219	-9.867	-9.756	-10.042	-10.047
Max	-9.645	-10.097	-9.754	-9.645	-9.866	-9.754
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
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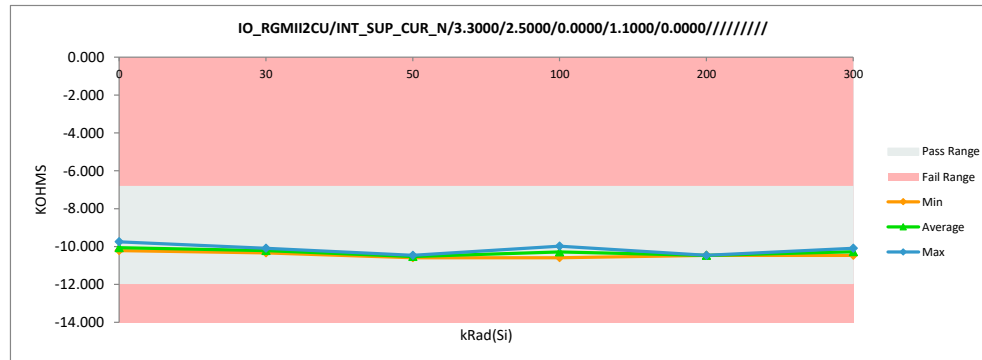
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Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.80000323	-6.80000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.213	-10.213	0.000
0	188A	-9.751	-9.751	0.000
0	191A	-10.213	-10.213	0.000
30	181B	-10.213	-10.336	-0.123
30	191B	-10.213	-10.094	0.120
50	181C	-10.213	-10.462	-0.248
50	191C	-10.213	-10.590	-0.377
100	181D	-10.213	-9.977	0.237
100	191D	-10.213	-10.590	-0.377
200	181E	-10.213	-10.462	-0.248
200	191E	-10.213	-10.462	-0.248
300	181F	-10.213	-10.094	0.120
300	191F	-10.213	-10.462	-0.248
	Max	-9.751	-9.751	0.237
	Average	-10.178	-10.285	-0.107
	Min	-10.213	-10.590	-0.377
	Std Dev	0.128	0.255	0.200



		IO_RGMII2CU/INT_SUP_CUR	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.80000323	KOHMS
Min Limit		-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.213	-10.336	-10.590	-10.590	-10.462	-10.462
Average	-10.059	-10.215	-10.526	-10.284	-10.462	-10.278
Max	-9.751	-10.094	-10.462	-9.977	-10.462	-10.094
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

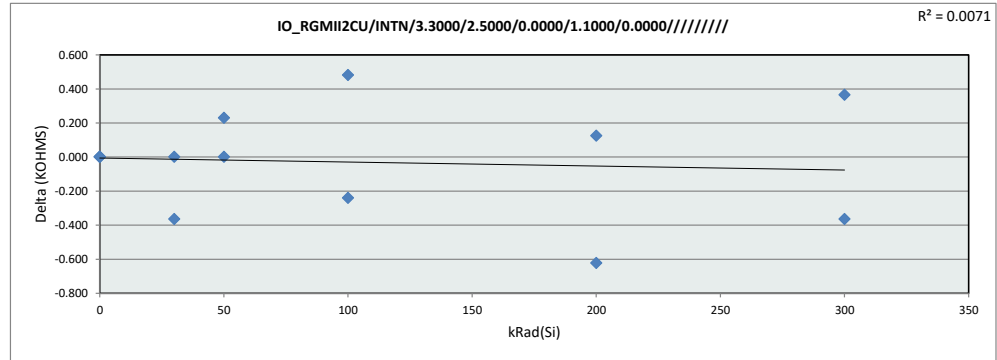


TID Report
DP83561-SP

IO_RGMII2CU/INTN/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

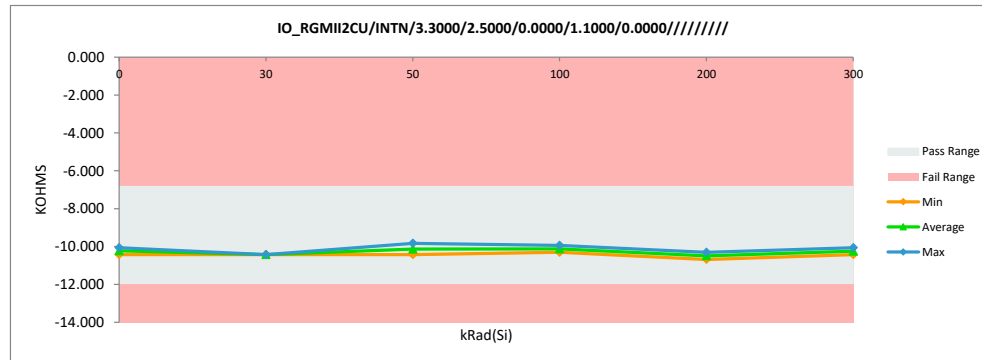
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.425	-10.425	0.000
0	188A	-10.179	-10.179	0.000
0	191A	-10.060	-10.060	0.000
30	181B	-10.425	-10.425	0.000
30	191B	-10.060	-10.425	-0.365
50	181C	-10.425	-10.425	0.000
50	191C	-10.060	-9.830	0.229
100	181D	-10.425	-9.944	0.481
100	191D	-10.060	-10.300	-0.240
200	181E	-10.425	-10.300	0.125
200	191E	-10.060	-10.683	-0.623
300	181F	-10.425	-10.060	0.365
300	191F	-10.060	-10.425	-0.365
Max		-10.060	-9.830	0.481
Average		-10.237	-10.268	-0.030
Min		-10.425	-10.683	-0.623
Std Dev		0.183	0.239	0.307



IO_RGMII2CU/INTN/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.425	-10.425	-10.425	-10.300	-10.683	-10.425
Average	-10.221	-10.425	-10.128	-10.122	-10.492	-10.242
Max	-10.060	-10.425	-9.830	-9.944	-10.300	-10.060
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

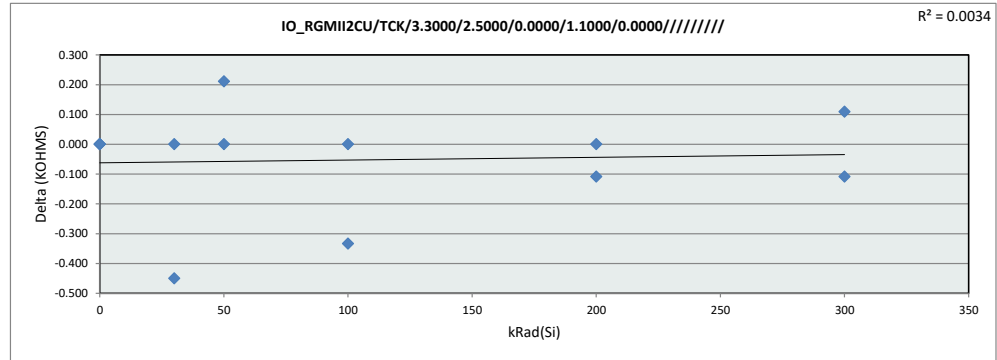


TID Report
DP83561-SP

IO_RGMII2CU/TCK/3.3000/2.50

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

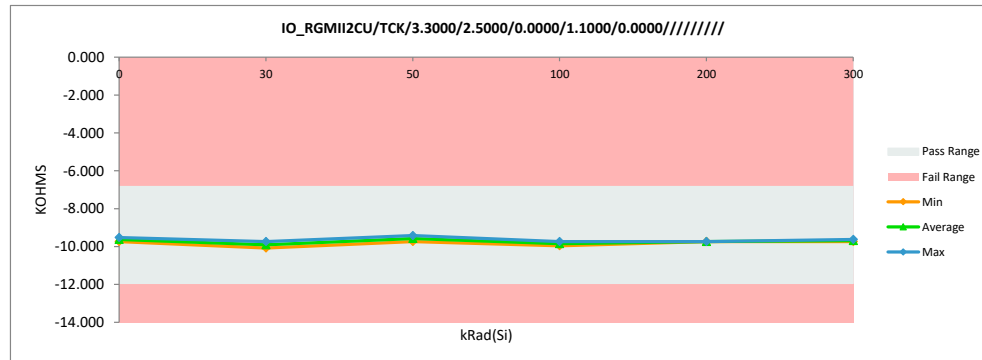
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.628	-9.628	0.000
0	188A	-9.522	-9.522	0.000
0	191A	-9.737	-9.737	0.000
30	181B	-9.628	-10.079	-0.450
30	191B	-9.737	-9.737	0.000
50	181C	-9.628	-9.418	0.210
50	191C	-9.737	-9.737	0.000
100	181D	-9.628	-9.962	-0.334
100	191D	-9.737	-9.737	0.000
200	181E	-9.628	-9.737	-0.109
200	191E	-9.737	-9.737	0.000
300	181F	-9.628	-9.737	-0.109
300	191F	-9.737	-9.628	0.109
Max		-9.522	-9.418	0.210
Average		-9.670	-9.723	-0.053
Min		-9.737	-10.079	-0.450
Std Dev		0.070	0.167	0.173



IO_RGMII2CU/TCK/3.3000/2.50

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.737	-10.079	-9.737	-9.962	-9.737	-9.737
Average	-9.629	-9.908	-9.577	-9.849	-9.737	-9.683
Max	-9.522	-9.737	-9.418	-9.737	-9.737	-9.628
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

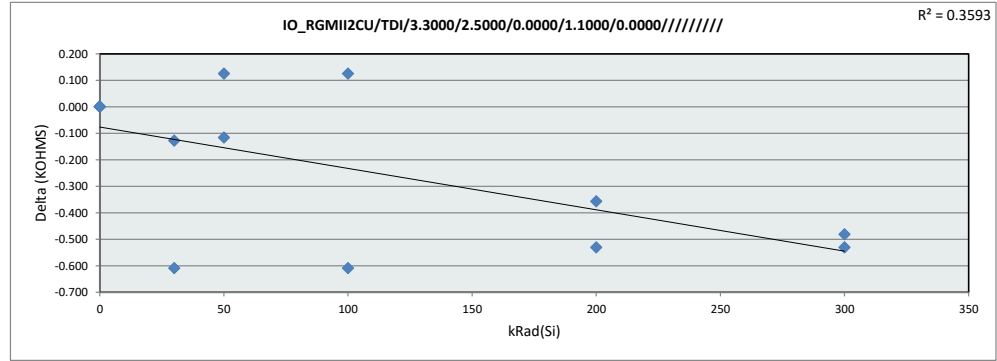


TID Report
DP83561-SP

IO_RGMII2CU/TDI/3.3000/2.50

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

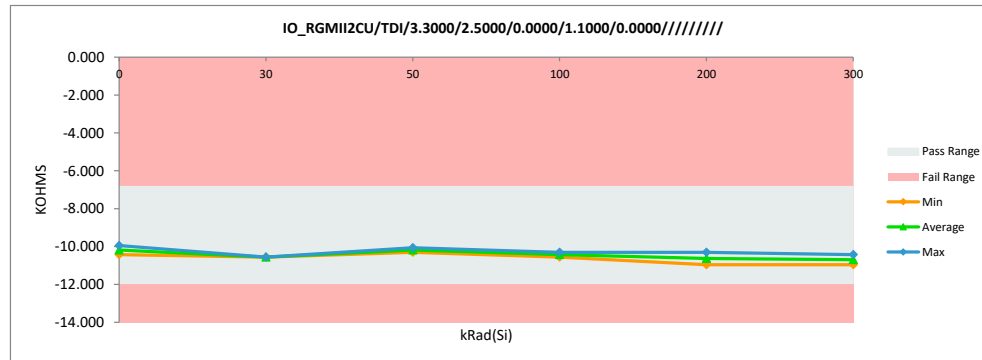
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.946	-9.946	0.000
0	188A	-10.181	-10.181	0.000
0	191A	-10.428	-10.428	0.000
30	181B	-9.946	-10.556	-0.610
30	191B	-10.428	-10.556	-0.128
50	181C	-9.946	-10.062	-0.116
50	191C	-10.428	-10.303	0.125
100	181D	-9.946	-10.556	-0.610
100	191D	-10.428	-10.303	0.125
200	181E	-9.946	-10.303	-0.357
200	191E	-10.428	-10.959	-0.531
300	181F	-9.946	-10.428	-0.482
300	191F	-10.428	-10.959	-0.531
Max		-9.946	-9.946	0.125
Average		-10.186	-10.426	-0.240
Min		-10.428	-10.959	-0.610
Std Dev		0.241	0.301	0.286



IO_RGMII2CU/TDI/3.3000/2.50

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

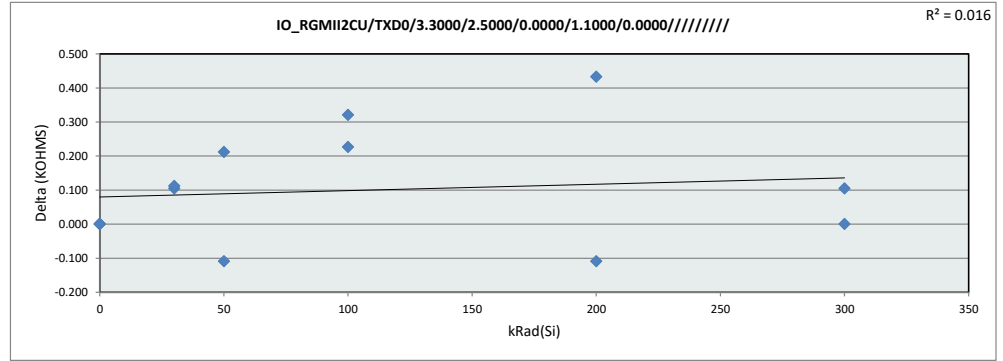
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.428	-10.556	-10.303	-10.556	-10.959	-10.959
Average	-10.185	-10.556	-10.183	-10.429	-10.631	-10.693
Max	-9.946	-10.556	-10.062	-10.303	-10.303	-10.428
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
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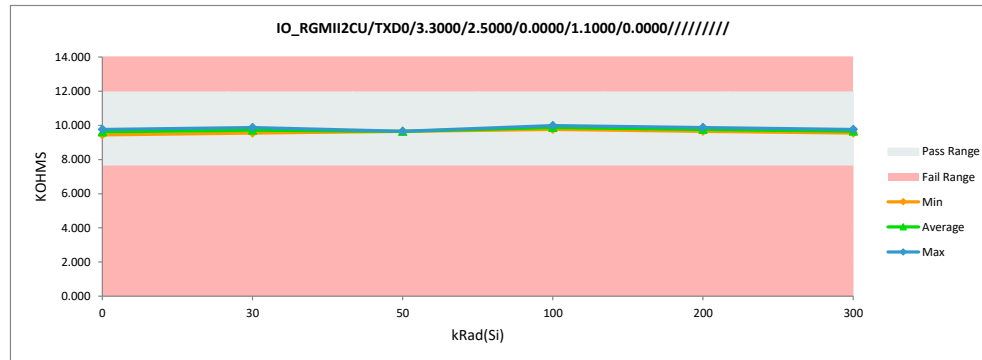
IO_RGMII2CU/TXD0/3.3000/2.5		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.441	9.441	0.000
0	188A	9.652	9.652	0.000
0	191A	9.761	9.761	0.000
30	181B	9.441	9.545	0.104
30	191B	9.761	9.873	0.112
50	181C	9.441	9.652	0.211
50	191C	9.761	9.652	-0.109
100	181D	9.441	9.761	0.321
100	191D	9.761	9.987	0.226
200	181E	9.441	9.873	0.432
200	191E	9.761	9.652	-0.109
300	181F	9.441	9.545	0.104
300	191F	9.761	9.761	0.000
Max		9.761	9.987	0.432
Average		9.605	9.704	0.099
Min		9.441	9.441	-0.109
Std Dev		0.161	0.152	0.162



IO_RGMII2CU/TXD0/3.3000/2.5		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.441	9.545	9.652	9.761	9.652	9.545
Average	9.618	9.709	9.652	9.874	9.763	9.653
Max	9.761	9.873	9.652	9.987	9.873	9.761
UL	11.950	11.950	11.950	11.950	11.950	11.950

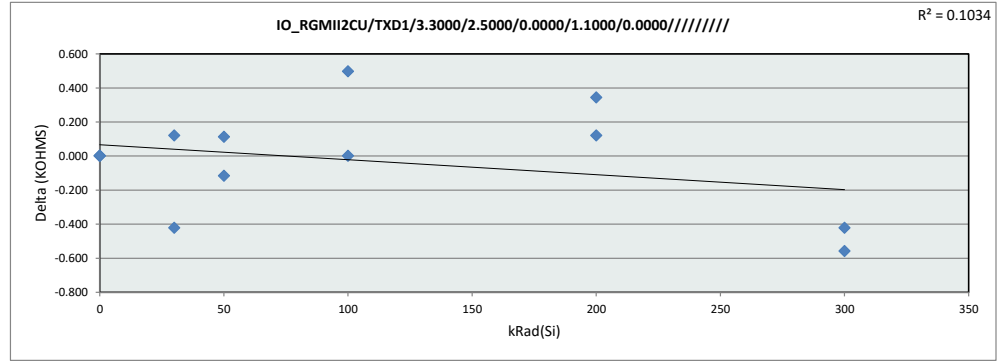


TID Report
DP83561-SP

IO_RGMII2CU/TXD1/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

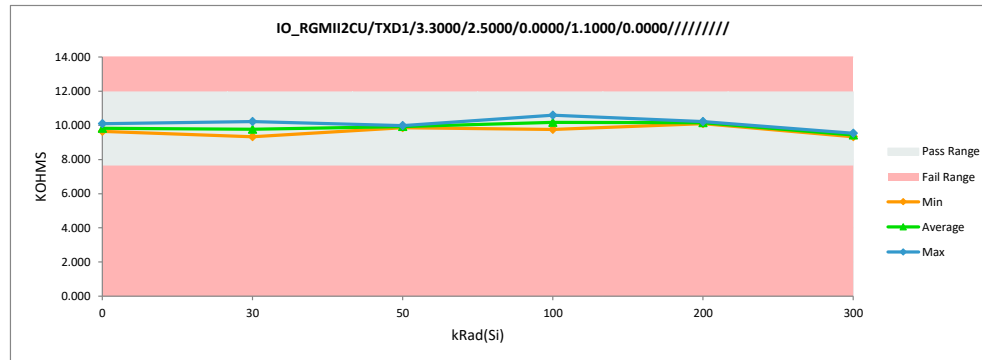
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.754	9.754	0.000
0	188A	9.645	9.645	0.000
0	191A	10.097	10.097	0.000
30	181B	9.754	9.331	-0.423
30	191B	10.097	10.217	0.120
50	181C	9.754	9.866	0.112
50	191C	10.097	9.980	-0.117
100	181D	9.754	9.754	0.000
100	191D	10.097	10.594	0.497
200	181E	9.754	10.097	0.343
200	191E	10.097	10.217	0.120
300	181F	9.754	9.331	-0.423
300	191F	10.097	9.538	-0.559
Max		10.097	10.594	0.497
Average		9.904	9.879	-0.025
Min		9.645	9.331	-0.559
Std Dev		0.188	0.370	0.300



IO_RGMII2CU/TXD1/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

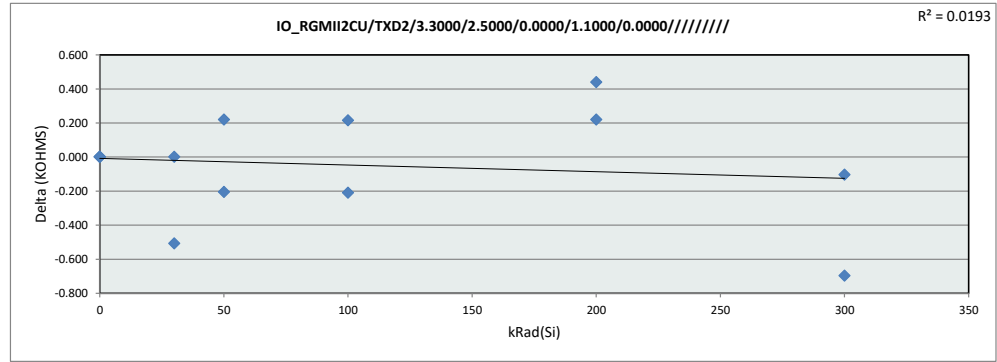
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.645	9.331	9.866	9.754	10.097	9.331
Average	9.832	9.774	9.923	10.174	10.157	9.435
Max	10.097	10.217	9.980	10.594	10.217	9.538
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
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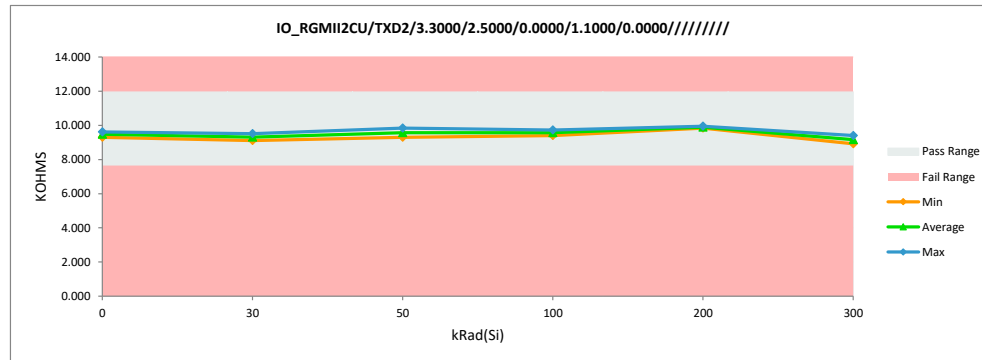
IO_RGMII2CU/TXD2/3.3000/2.5		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.615	9.615	0.000
0	188A	9.304	9.304	0.000
0	191A	9.509	9.509	0.000
30	181B	9.615	9.107	-0.508
30	191B	9.509	9.509	0.000
50	181C	9.615	9.835	0.220
50	191C	9.509	9.304	-0.205
100	181D	9.615	9.405	-0.210
100	191D	9.509	9.724	0.215
200	181E	9.615	9.835	0.220
200	191E	9.509	9.948	0.439
300	181F	9.615	8.919	-0.697
300	191F	9.509	9.405	-0.104
Max		9.615	9.948	0.439
Average		9.542	9.494	-0.049
Min		9.304	8.919	-0.697
Std Dev		0.089	0.299	0.309



IO_RGMII2CU/TXD2/3.3000/2.5		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.304	9.107	9.304	9.405	9.835	8.919
Average	9.476	9.308	9.569	9.565	9.892	9.162
Max	9.615	9.509	9.835	9.724	9.948	9.405
UL	11.950	11.950	11.950	11.950	11.950	11.950

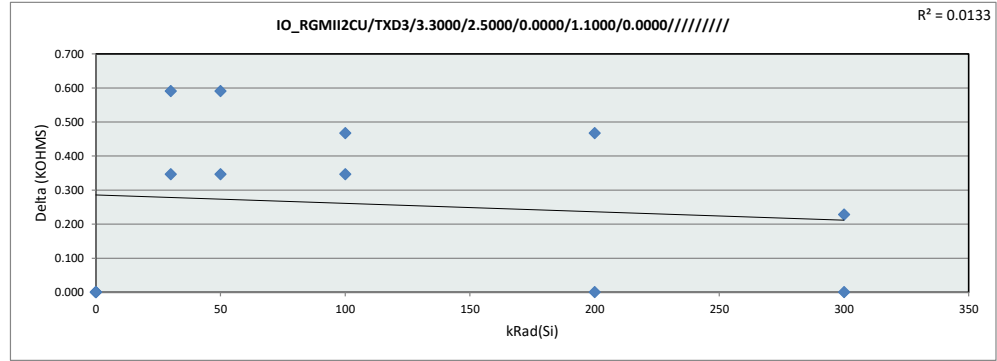


TID Report
DP83561-SP

IO_RGMII2CU/TXD3/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

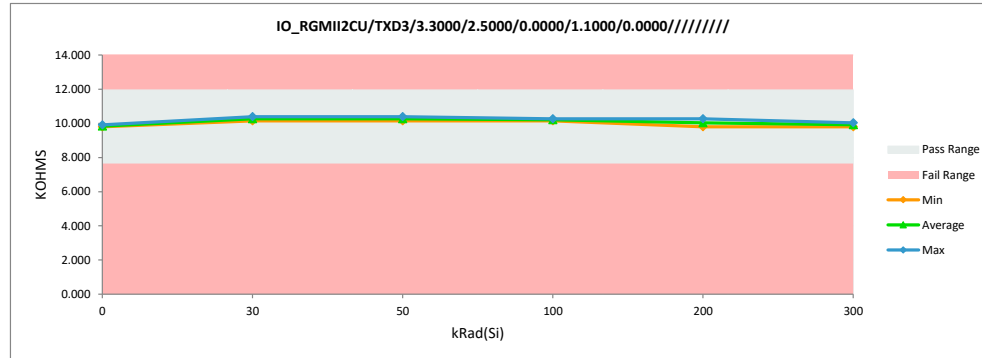
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.798	9.798	0.000
0	188A	9.911	9.911	0.000
0	191A	9.798	9.798	0.000
30	181B	9.798	10.388	0.590
30	191B	9.798	10.144	0.346
50	181C	9.798	10.144	0.346
50	191C	9.798	10.388	0.590
100	181D	9.798	10.144	0.346
100	191D	9.798	10.265	0.467
200	181E	9.798	9.798	0.000
200	191E	9.798	10.265	0.467
300	181F	9.798	10.026	0.228
300	191F	9.798	9.798	0.000
Max		9.911	10.388	0.590
Average		9.807	10.067	0.260
Min		9.798	9.798	0.000
Std Dev		0.031	0.227	0.235



IO_RGMII2CU/TXD3/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.798	10.144	10.144	10.144	9.798	9.798
Average	9.836	10.266	10.266	10.204	10.031	9.912
Max	9.911	10.388	10.388	10.265	10.265	10.026
UL	11.950	11.950	11.950	11.950	11.950	11.950

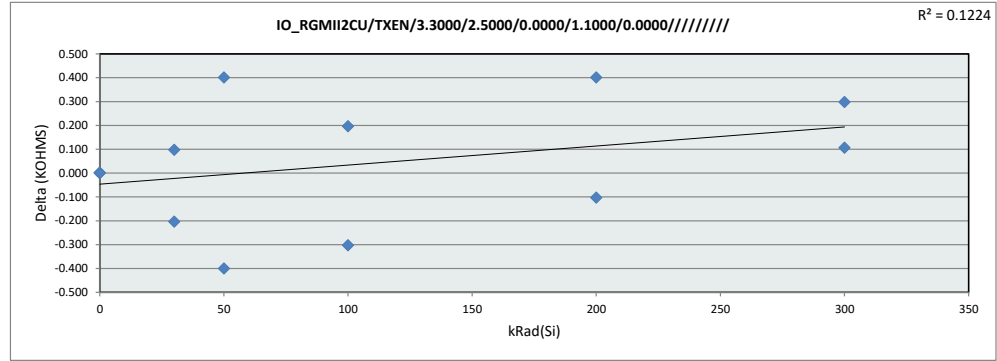


TID Report
DP83561-SP

IO_RGMII2CU/TXEN/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

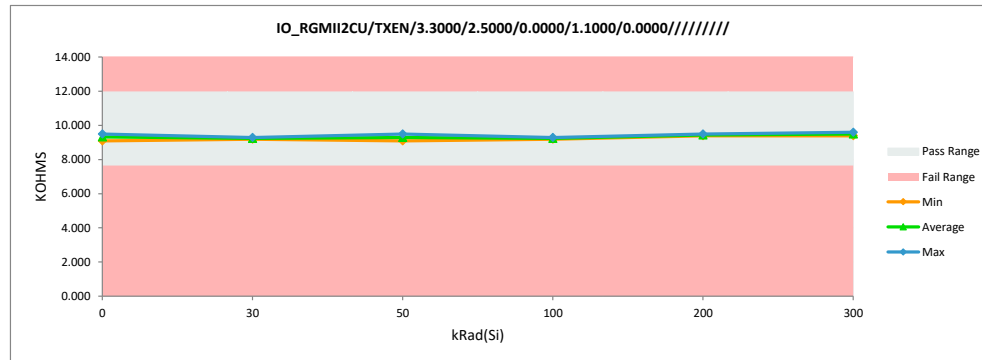
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.490	9.490	0.000
0	188A	9.387	9.387	0.000
0	191A	9.089	9.089	0.000
30	181B	9.490	9.285	-0.205
30	191B	9.089	9.186	0.097
50	181C	9.490	9.089	-0.401
50	191C	9.089	9.490	0.401
100	181D	9.490	9.186	-0.304
100	191D	9.089	9.285	0.196
200	181E	9.490	9.387	-0.103
200	191E	9.089	9.490	0.401
300	181F	9.490	9.596	0.106
300	191F	9.089	9.387	0.297
Max		9.490	9.596	0.401
Average		9.297	9.334	0.037
Min		9.089	9.089	-0.401
Std Dev		0.202	0.163	0.251



IO_RGMII2CU/TXEN/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

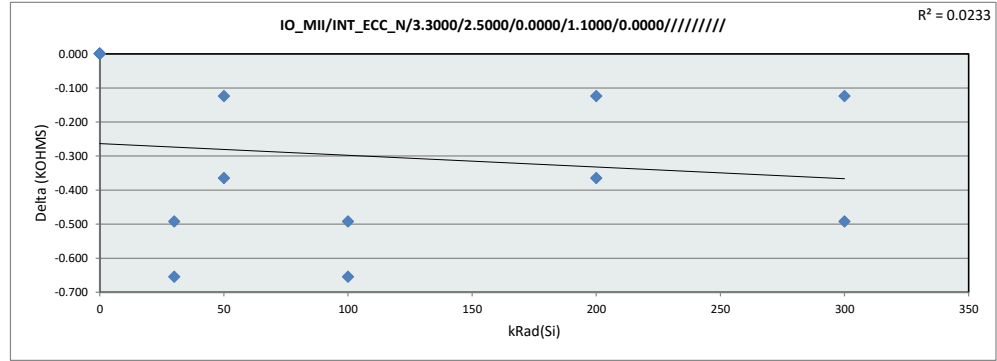
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.089	9.186	9.089	9.186	9.387	9.387
Average	9.322	9.236	9.290	9.236	9.438	9.491
Max	9.490	9.285	9.490	9.285	9.490	9.596
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
DP83561-SP

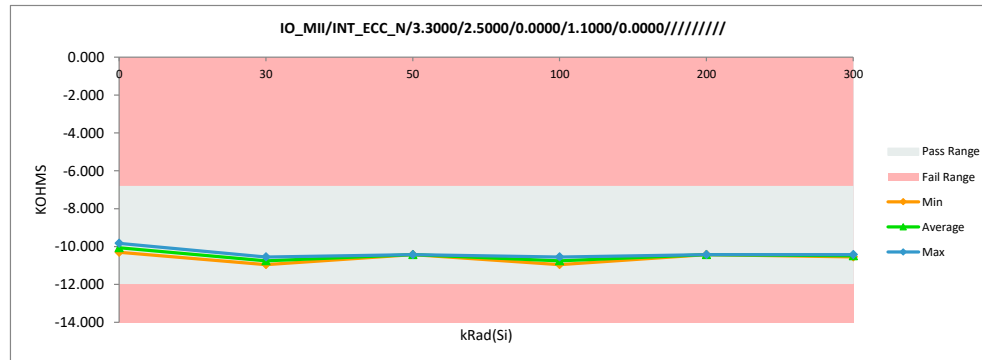
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Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.80000323	-6.80000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.060	-10.060	0.000
0	188A	-9.830	-9.830	0.000
0	191A	-10.300	-10.300	0.000
30	181B	-10.060	-10.552	-0.493
30	191B	-10.300	-10.955	-0.655
50	181C	-10.060	-10.425	-0.365
50	191C	-10.300	-10.425	-0.125
100	181D	-10.060	-10.552	-0.493
100	191D	-10.300	-10.955	-0.655
200	181E	-10.060	-10.425	-0.365
200	191E	-10.300	-10.425	-0.125
300	181F	-10.060	-10.552	-0.493
300	191F	-10.300	-10.425	-0.125
	Max	-9.830	-9.830	0.000
	Average	-10.153	-10.452	-0.299
	Min	-10.300	-10.955	-0.655
	Std Dev	0.154	0.303	0.247



		IO_MII/INT_ECC_N/3.3000/2.5000/0.0000/1.1000/0.0000////////	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.80000323	KOHMS
Min Limit		-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.300	-10.955	-10.425	-10.955	-10.425	-10.552
Average	-10.063	-10.754	-10.425	-10.754	-10.425	-10.489
Max	-9.830	-10.552	-10.425	-10.552	-10.425	-10.425
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

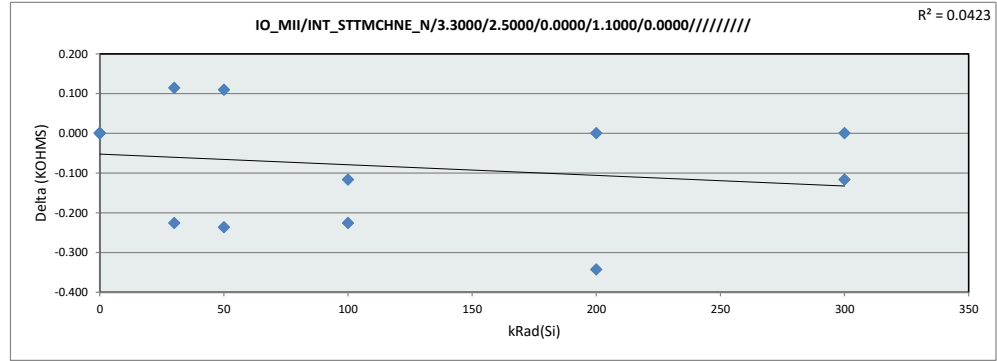


TID Report
DP83561-SP

IO_MII/INT_STTMCHNE_N/3.300

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

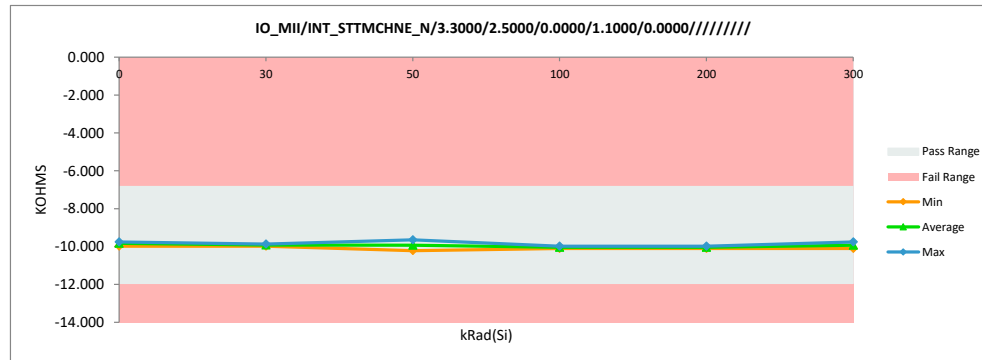
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.754	-9.754	0.000
0	188A	-9.754	-9.754	0.000
0	191A	-9.980	-9.980	0.000
30	181B	-9.754	-9.980	-0.226
30	191B	-9.980	-9.866	0.114
50	181C	-9.754	-9.645	0.109
50	191C	-9.980	-10.217	-0.237
100	181D	-9.754	-9.980	-0.226
100	191D	-9.980	-10.097	-0.117
200	181E	-9.754	-10.097	-0.343
200	191E	-9.980	-9.980	0.000
300	181F	-9.754	-9.754	0.000
300	191F	-9.980	-10.097	-0.117
Max		-9.754	-9.645	0.114
Average		-9.859	-9.939	-0.080
Min		-9.980	-10.217	-0.343
Std Dev		0.117	0.172	0.143



IO_MII/INT_STTMCHNE_N/3.300

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

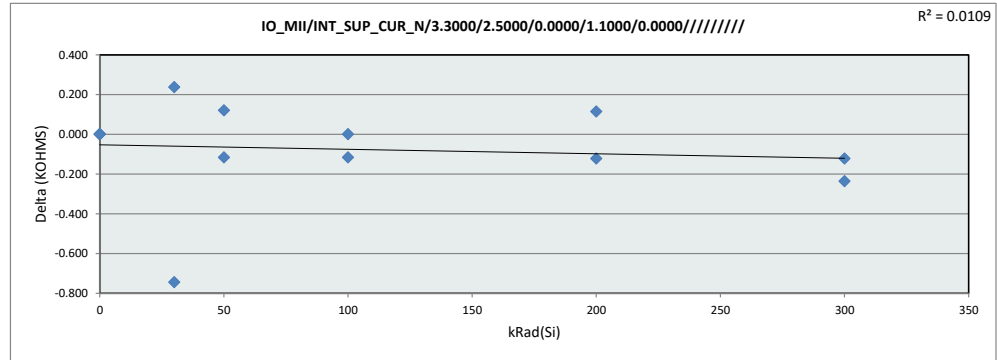
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.980	-9.980	-10.217	-10.097	-10.097	-10.097
Average	-9.830	-9.923	-9.931	-10.039	-10.039	-9.926
Max	-9.754	-9.866	-9.645	-9.980	-9.980	-9.754
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
DP83561-SP

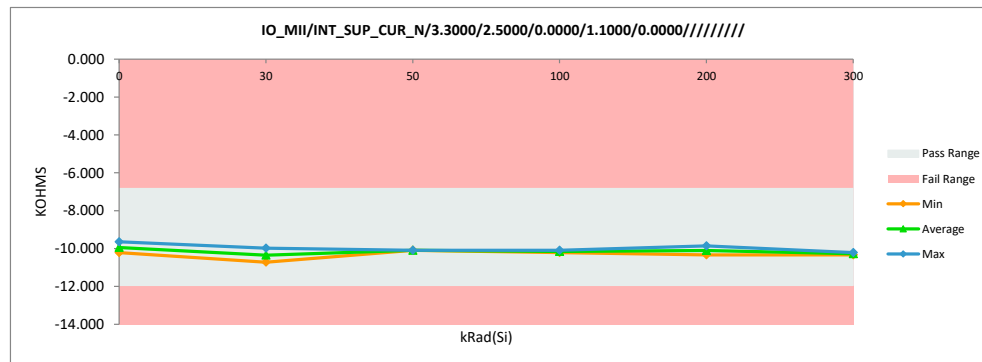
		IO_MII/INT_SUP_CUR_N/3.3000	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.80000323	-6.80000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.977	-9.977	0.000
0	188A	-9.642	-9.642	0.000
0	191A	-10.213	-10.213	0.000
30	181B	-9.977	-10.722	-0.745
30	191B	-10.213	-9.977	0.237
50	181C	-9.977	-10.094	-0.117
50	191C	-10.213	-10.094	0.120
100	181D	-9.977	-10.094	-0.117
100	191D	-10.213	-10.213	0.000
200	181E	-9.977	-9.863	0.114
200	191E	-10.213	-10.336	-0.123
300	181F	-9.977	-10.213	-0.237
300	191F	-10.213	-10.336	-0.123
	Max	-9.642	-9.642	0.237
	Average	-10.060	-10.136	-0.076
	Min	-10.213	-10.722	-0.745
	Std Dev	0.173	0.261	0.237



		IO_MII/INT_SUP_CUR_N/3.3000	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.80000323	KOHMS
Min Limit		-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.213	-10.722	-10.094	-10.213	-10.336	-10.336
Average	-9.944	-10.349	-10.094	-10.154	-10.099	-10.275
Max	-9.642	-9.977	-10.094	-10.094	-9.863	-10.213
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

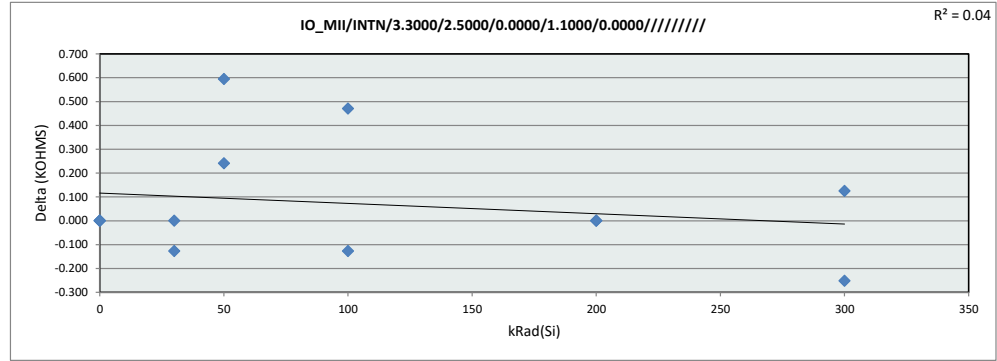


TID Report
DP83561-SP

IO_MII/INTN/3.3000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

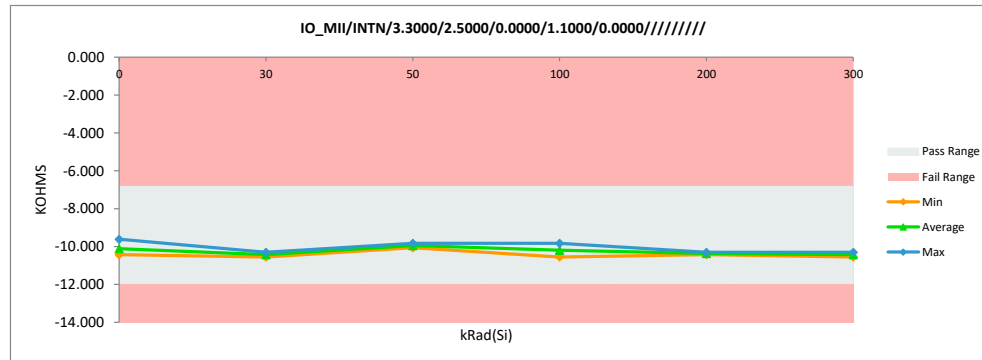
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.300	-10.300	0.000
0	188A	-9.611	-9.611	0.000
0	191A	-10.425	-10.425	0.000
30	181B	-10.300	-10.300	0.000
30	191B	-10.425	-10.552	-0.128
50	181C	-10.300	-10.060	0.240
50	191C	-10.425	-9.830	0.594
100	181D	-10.300	-9.830	0.470
100	191D	-10.425	-10.552	-0.128
200	181E	-10.300	-10.300	0.000
200	191E	-10.425	-10.425	0.000
300	181F	-10.300	-10.552	-0.252
300	191F	-10.425	-10.300	0.125
Max		-9.611	-9.611	0.594
Average		-10.305	-10.234	0.071
Min		-10.425	-10.552	-0.252
Std Dev		0.217	0.308	0.238



IO_MII/INTN/3.3000/2.5000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

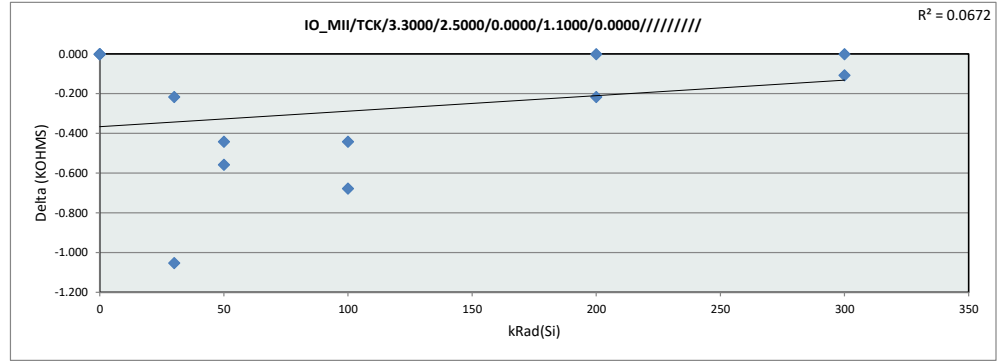
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.425	-10.552	-10.060	-10.552	-10.425	-10.552
Average	-10.112	-10.426	-9.945	-10.191	-10.362	-10.426
Max	-9.611	-10.300	-9.830	-9.830	-10.300	-10.300
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
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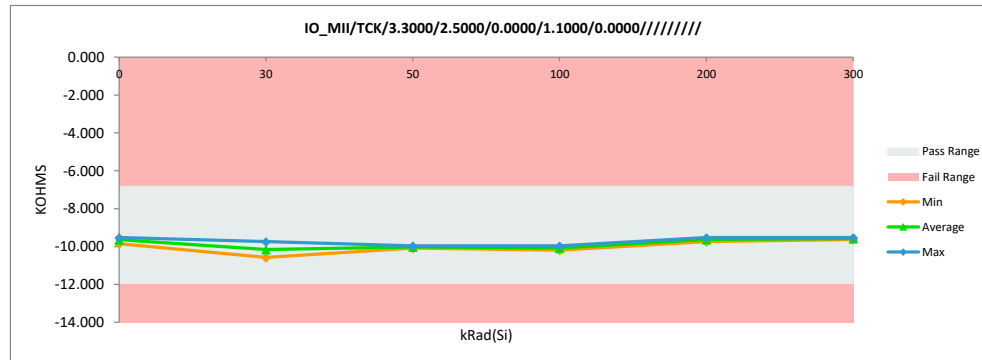
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.522	-9.522	0.000
0	188A	-9.848	-9.848	0.000
0	191A	-9.522	-9.522	0.000
30	181B	-9.522	-9.737	-0.215
30	191B	-9.522	-10.573	-1.051
50	181C	-9.522	-9.962	-0.440
50	191C	-9.522	-10.079	-0.557
100	181D	-9.522	-10.198	-0.676
100	191D	-9.522	-9.962	-0.440
200	181E	-9.522	-9.737	-0.215
200	191E	-9.522	-9.522	0.000
300	181F	-9.522	-9.628	-0.106
300	191F	-9.522	-9.522	0.000
Max		-9.522	-9.522	0.000
Average		-9.547	-9.832	-0.285
Min		-9.848	-10.573	-1.051
Std Dev		0.091	0.319	0.330



IO_MII/TCK/3.3000/2.5000/0.0000/1.1000/0.0000////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.848	-10.573	-10.079	-10.198	-9.737	-9.628
Average	-9.631	-10.155	-10.020	-10.080	-9.629	-9.575
Max	-9.522	-9.737	-9.962	-9.962	-9.522	-9.522
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

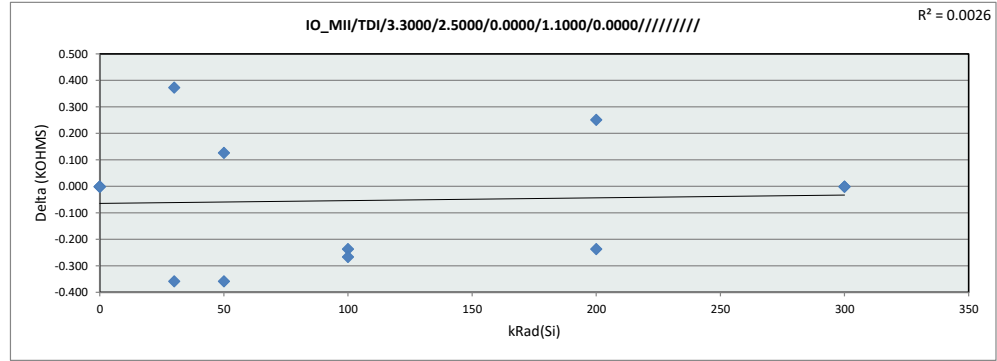


TID Report
DP83561-SP

IO_MII/TDI/3.3000/2.5000/0.0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

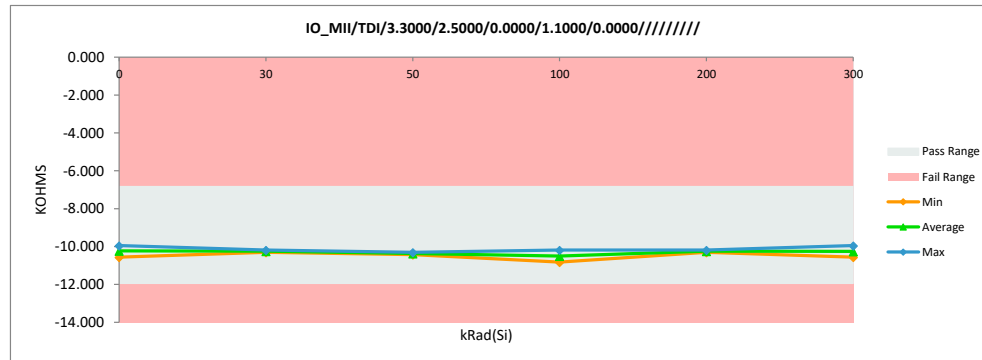
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.946	-9.946	0.000
0	188A	-10.181	-10.181	0.000
0	191A	-10.556	-10.556	0.000
30	181B	-9.946	-10.303	-0.357
30	191B	-10.556	-10.181	0.374
50	181C	-9.946	-10.303	-0.357
50	191C	-10.556	-10.428	0.128
100	181D	-9.946	-10.181	-0.235
100	191D	-10.556	-10.821	-0.265
200	181E	-9.946	-10.181	-0.235
200	191E	-10.556	-10.303	0.253
300	181F	-9.946	-9.946	0.000
300	191F	-10.556	-10.556	0.000
Max		-9.946	-9.946	0.374
Average		-10.245	-10.299	-0.053
Min		-10.556	-10.821	-0.357
Std Dev		0.305	0.246	0.227



IO_MII/TDI/3.3000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

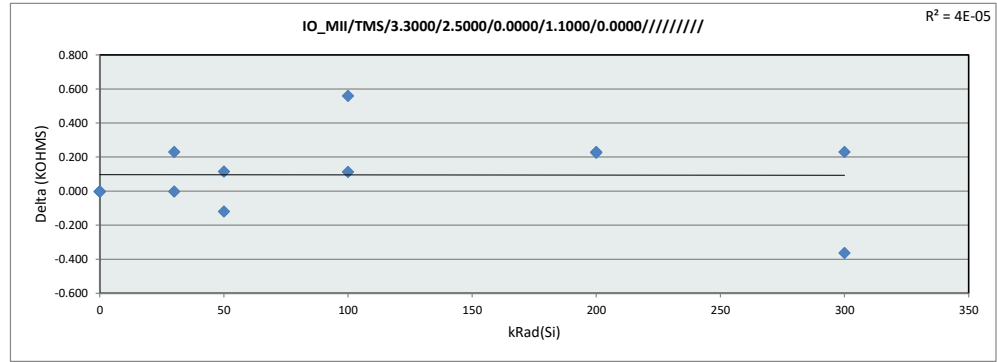
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.556	-10.303	-10.428	-10.821	-10.303	-10.556
Average	-10.228	-10.242	-10.365	-10.501	-10.242	-10.251
Max	-9.946	-10.181	-10.303	-10.181	-10.181	-9.946
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
DP83561-SP

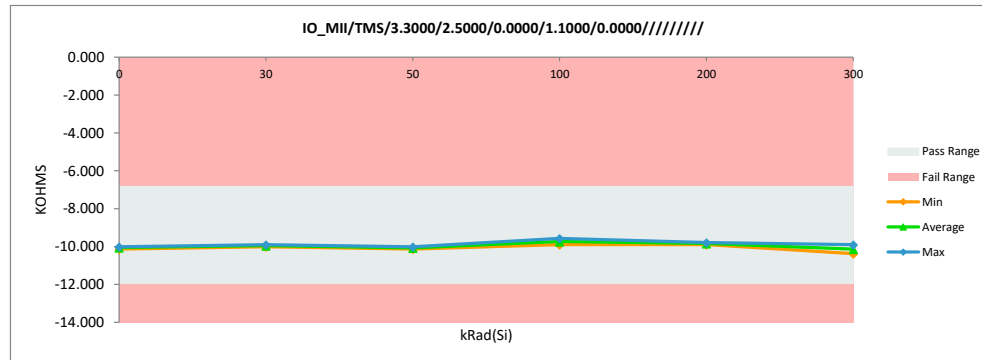
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.012	-10.012	0.000
0	188A	-10.012	-10.012	0.000
0	191A	-10.129	-10.129	0.000
30	181B	-10.012	-10.012	0.000
30	191B	-10.129	-9.897	0.232
50	181C	-10.012	-10.129	-0.118
50	191C	-10.129	-10.012	0.118
100	181D	-10.012	-9.897	0.115
100	191D	-10.129	-9.568	0.562
200	181E	-10.012	-9.785	0.227
200	191E	-10.129	-9.897	0.232
300	181F	-10.012	-10.373	-0.361
300	191F	-10.129	-9.897	0.232
Max		-10.012	-9.568	0.562
Average		-10.066	-9.970	0.095
Min		-10.129	-10.373	-0.361
Std Dev		0.061	0.191	0.220



IO_MII/TMS/3.3000/2.5000/0.0000/1.1000/0.0000////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.129	-10.012	-10.129	-9.897	-9.897	-10.373
Average	-10.051	-9.954	-10.070	-9.732	-9.841	-10.135
Max	-10.012	-9.897	-10.012	-9.568	-9.785	-9.897
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

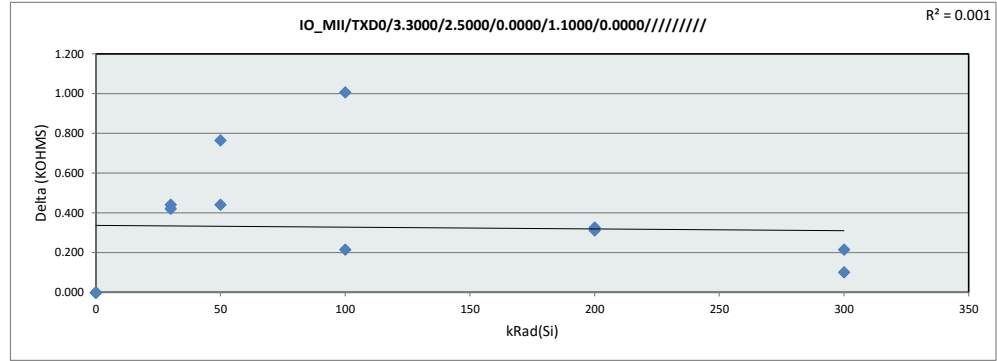


TID Report
DP83561-SP

IO_MII/TXD0/3.3000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

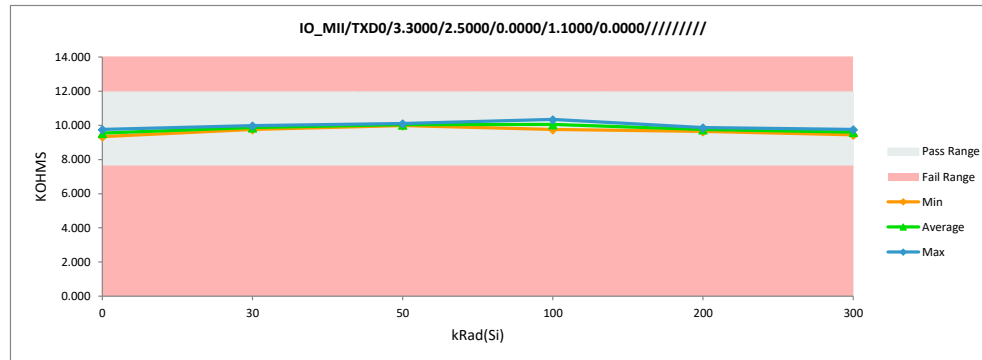
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.545	9.545	0.000
0	188A	9.761	9.761	0.000
0	191A	9.338	9.338	0.000
30	181B	9.545	9.987	0.442
30	191B	9.338	9.761	0.423
50	181C	9.545	9.987	0.442
50	191C	9.338	10.104	0.766
100	181D	9.545	9.761	0.216
100	191D	9.338	10.347	1.008
200	181E	9.545	9.873	0.328
200	191E	9.338	9.652	0.314
300	181F	9.545	9.761	0.216
300	191F	9.338	9.441	0.102
Max		9.761	10.347	1.008
Average		9.466	9.794	0.327
Min		9.338	9.338	0.000
Std Dev		0.136	0.274	0.301



IO_MII/TXD0/3.3000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.338	9.761	9.987	9.761	9.652	9.441
Average	9.548	9.874	10.046	10.054	9.763	9.601
Max	9.761	9.987	10.104	10.347	9.873	9.761
UL	11.950	11.950	11.950	11.950	11.950	11.950

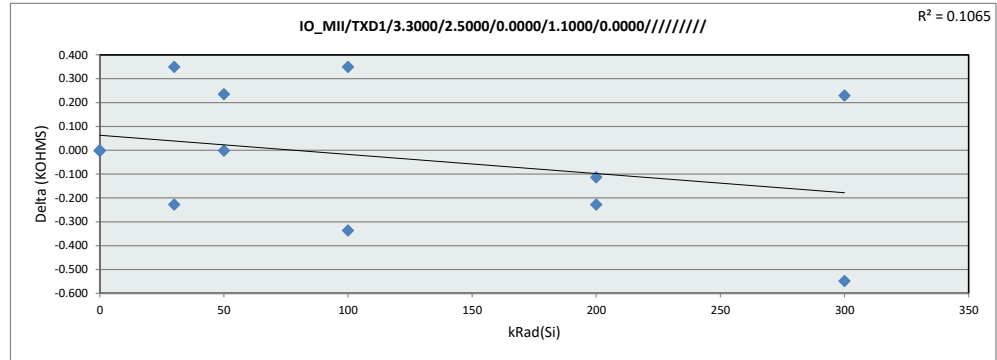


TID Report
DP83561-SP

IO_MII/TXD1/3.3000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

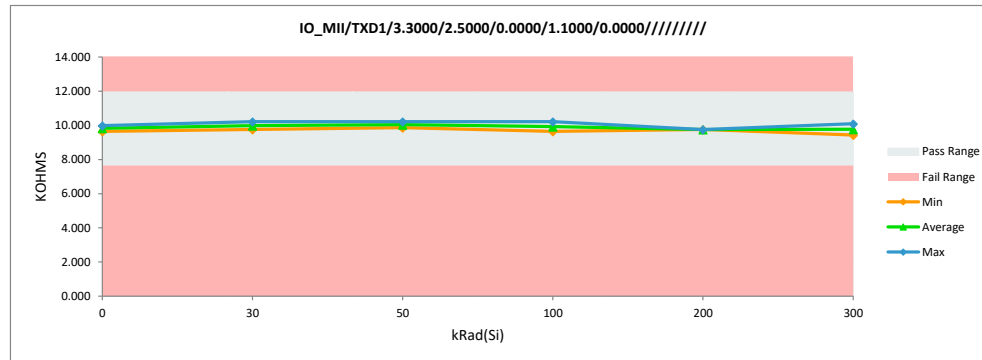
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.980	9.980	0.000
0	188A	9.645	9.645	0.000
0	191A	9.866	9.866	0.000
30	181B	9.980	9.754	-0.226
30	191B	9.866	10.217	0.351
50	181C	9.980	10.217	0.237
50	191C	9.866	9.866	0.000
100	181D	9.980	9.645	-0.335
100	191D	9.866	10.217	0.351
200	181E	9.980	9.754	-0.226
200	191E	9.866	9.754	-0.112
300	181F	9.980	9.434	-0.546
300	191F	9.866	10.097	0.231
Max		9.980	10.217	0.351
Average		9.902	9.880	-0.021
Min		9.645	9.434	-0.546
Std Dev		0.096	0.251	0.270



IO_MII/TXD1/3.3000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.645	9.754	9.866	9.645	9.754	9.434
Average	9.830	9.985	10.041	9.931	9.754	9.765
Max	9.980	10.217	10.217	10.217	9.754	10.097
UL	11.950	11.950	11.950	11.950	11.950	11.950

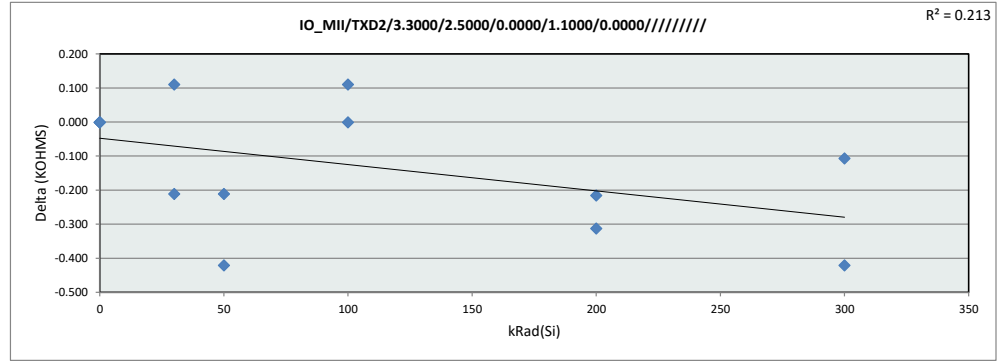


TID Report
DP83561-SP

IO_MII/TXD2/3.3000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

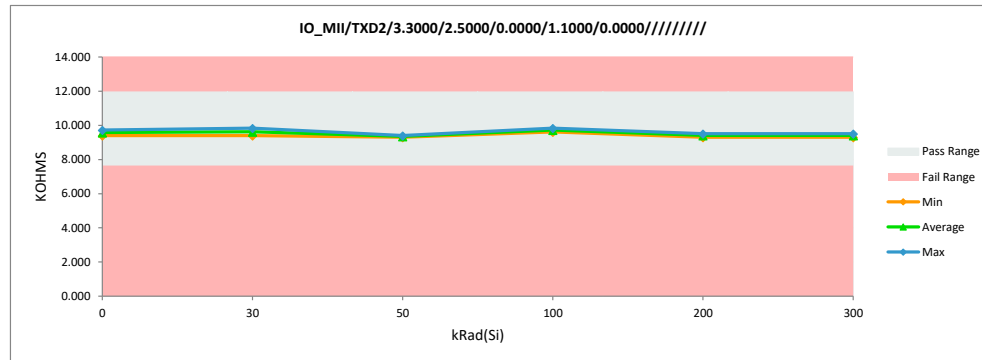
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.615	9.615	0.000
0	188A	9.405	9.405	0.000
0	191A	9.724	9.724	0.000
30	181B	9.615	9.405	-0.210
30	191B	9.724	9.835	0.111
50	181C	9.615	9.405	-0.210
50	191C	9.724	9.304	-0.420
100	181D	9.615	9.615	0.000
100	191D	9.724	9.835	0.111
200	181E	9.615	9.304	-0.312
200	191E	9.724	9.509	-0.215
300	181F	9.615	9.509	-0.106
300	191F	9.724	9.304	-0.420
Max		9.724	9.835	0.111
Average		9.649	9.521	-0.128
Min		9.405	9.304	-0.420
Std Dev		0.091	0.191	0.184



IO_MII/TXD2/3.3000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.405	9.405	9.304	9.615	9.304	9.304
Average	9.582	9.620	9.355	9.725	9.406	9.406
Max	9.724	9.835	9.405	9.835	9.509	9.509
UL	11.950	11.950	11.950	11.950	11.950	11.950

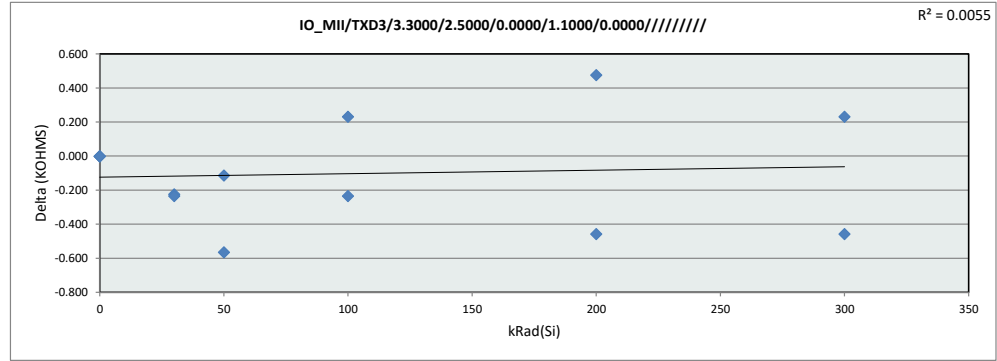


TID Report
DP83561-SP

IO_MII/TXD3/3.3000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

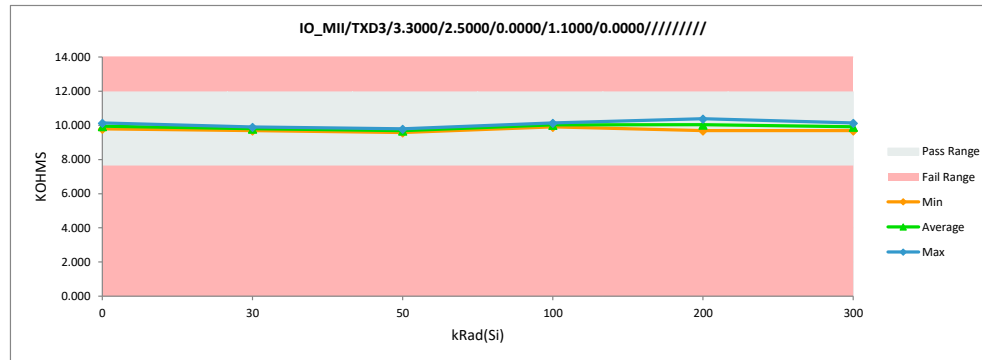
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.911	9.911	0.000
0	188A	9.798	9.798	0.000
0	191A	10.144	10.144	0.000
30	181B	9.911	9.688	-0.223
30	191B	10.144	9.911	-0.233
50	181C	9.911	9.798	-0.113
50	191C	10.144	9.580	-0.564
100	181D	9.911	10.144	0.233
100	191D	10.144	9.911	-0.233
200	181E	9.911	10.388	0.478
200	191E	10.144	9.688	-0.456
300	181F	9.911	10.144	0.233
300	191F	10.144	9.688	-0.456
Max		10.144	10.388	0.478
Average		10.010	9.907	-0.103
Min		9.798	9.580	-0.564
Std Dev		0.133	0.237	0.303



IO_MII/TXD3/3.3000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

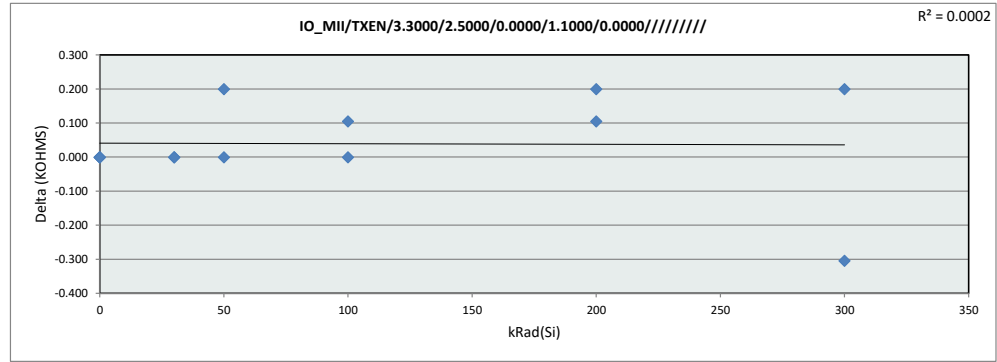
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.798	9.688	9.580	9.911	9.688	9.688
Average	9.951	9.799	9.689	10.027	10.038	9.916
Max	10.144	9.911	9.798	10.144	10.388	10.144
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
DP83561-SP

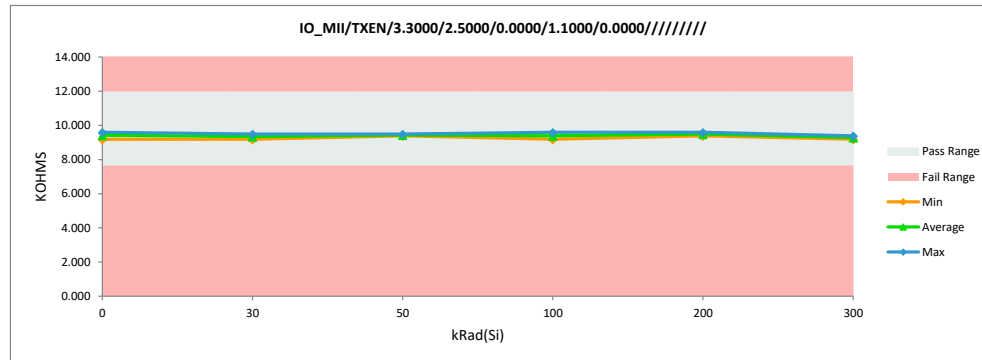
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.186	9.186	0.000
0	188A	9.596	9.596	0.000
0	191A	9.490	9.490	0.000
30	181B	9.186	9.186	0.000
30	191B	9.490	9.490	0.000
50	181C	9.186	9.387	0.200
50	191C	9.490	9.490	0.000
100	181D	9.186	9.186	0.000
100	191D	9.490	9.596	0.106
200	181E	9.186	9.387	0.200
200	191E	9.490	9.596	0.106
300	181F	9.186	9.387	0.200
300	191F	9.490	9.186	-0.304
Max		9.596	9.596	0.200
Average		9.358	9.397	0.039
Min		9.186	9.186	-0.304
Std Dev		0.168	0.164	0.134



IO_MII/TXEN/3.3000/2.5000/0.0000/1.1000/0.0000////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.186	9.186	9.387	9.186	9.387	9.186
Average	9.424	9.338	9.438	9.391	9.491	9.286
Max	9.596	9.490	9.490	9.596	9.596	9.387
UL	11.950	11.950	11.950	11.950	11.950	11.950

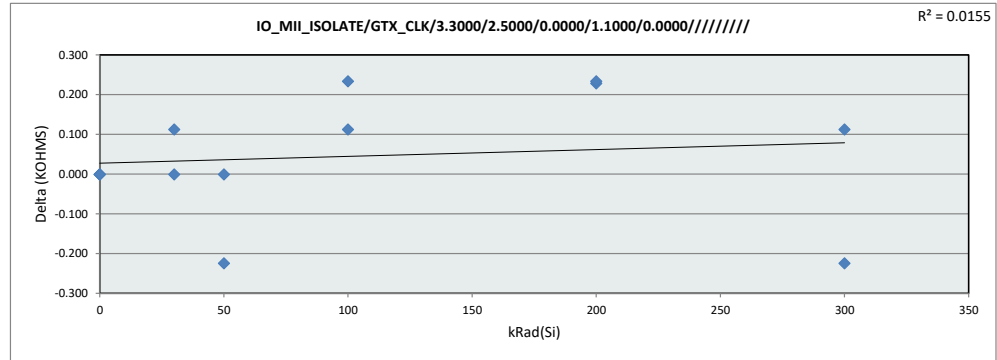


TID Report
DP83561-SP

IO_MII_ISOLATE/GTX_CLK/3.30

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

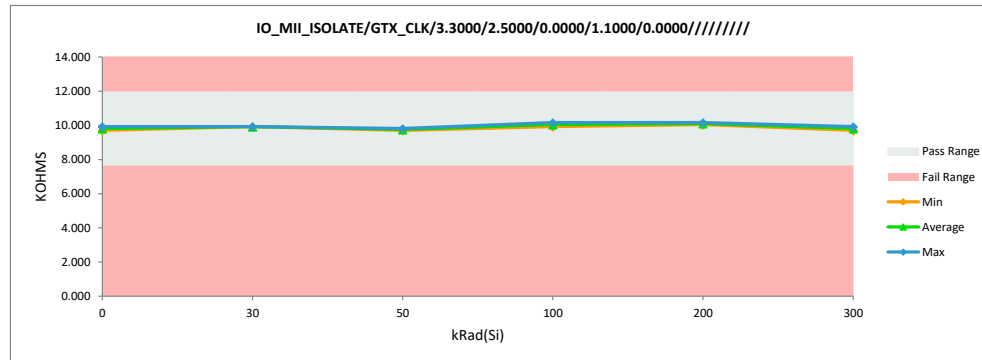
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.817	9.817	0.000
0	188A	9.706	9.706	0.000
0	191A	9.930	9.930	0.000
30	181B	9.817	9.930	0.113
30	191B	9.930	9.930	0.000
50	181C	9.817	9.817	0.000
50	191C	9.930	9.706	-0.224
100	181D	9.817	9.930	0.113
100	191D	9.930	10.164	0.234
200	181E	9.817	10.046	0.229
200	191E	9.930	10.164	0.234
300	181F	9.817	9.930	0.113
300	191F	9.930	9.706	-0.224
Max		9.930	10.164	0.234
Average		9.860	9.906	0.045
Min		9.706	9.706	-0.224
Std Dev		0.073	0.156	0.151



IO_MII_ISOLATE/GTX_CLK/3.30

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.706	9.930	9.706	9.930	10.046	9.706
Average	9.817	9.930	9.761	10.047	10.105	9.818
Max	9.930	9.930	9.817	10.164	10.164	9.930
UL	11.950	11.950	11.950	11.950	11.950	11.950

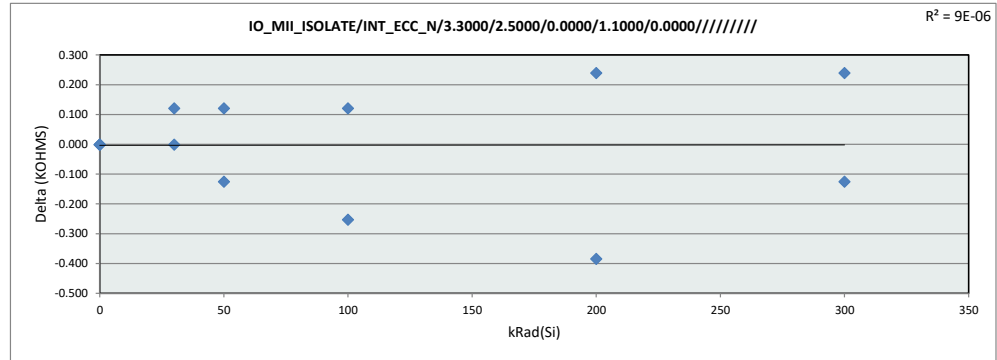


TID Report
DP83561-SP

IO_MII_ISOLATE/INT_ECC_N/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

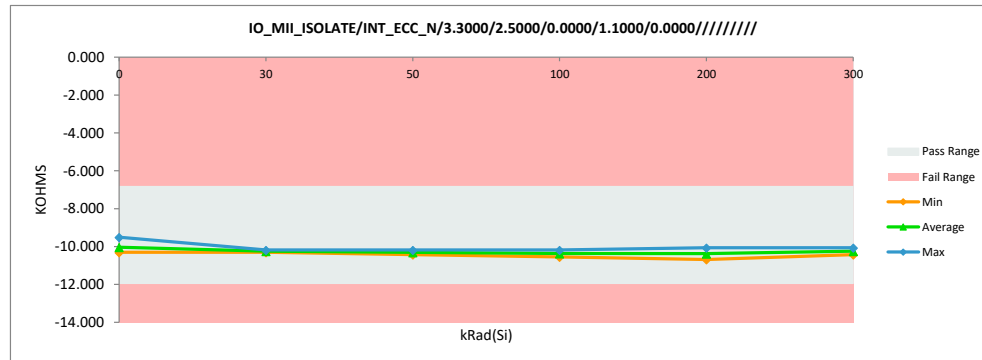
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.300	-10.300	0.000
0	188A	-9.505	-9.505	0.000
0	191A	-10.300	-10.300	0.000
30	181B	-10.300	-10.300	0.000
30	191B	-10.300	-10.179	0.122
50	181C	-10.300	-10.425	-0.125
50	191C	-10.300	-10.179	0.122
100	181D	-10.300	-10.179	0.122
100	191D	-10.300	-10.552	-0.252
200	181E	-10.300	-10.060	0.240
200	191E	-10.300	-10.683	-0.383
300	181F	-10.300	-10.060	0.240
300	191F	-10.300	-10.425	-0.125
Max		-9.505	-9.505	0.240
Average		-10.239	-10.242	-0.003
Min		-10.300	-10.683	-0.383
Std Dev		0.221	0.287	0.183



IO_MII_ISOLATE/INT_ECC_N/3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.300	-10.300	-10.425	-10.552	-10.683	-10.425
Average	-10.035	-10.239	-10.302	-10.365	-10.371	-10.242
Max	-9.505	-10.179	-10.179	-10.179	-10.060	-10.060
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

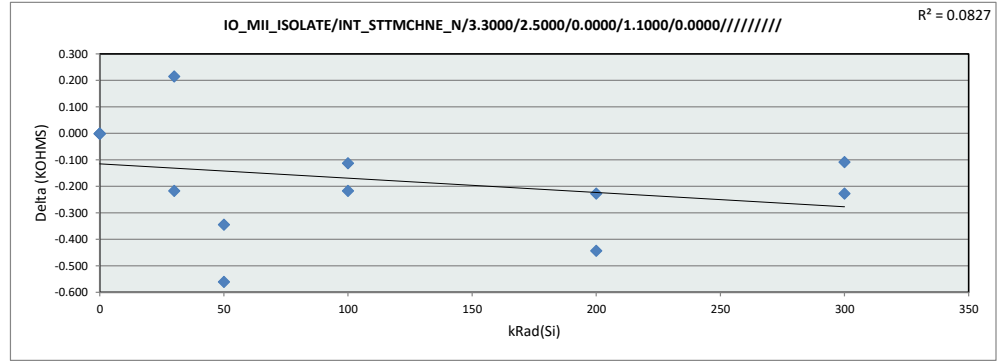


TID Report
DP83561-SP

IO_MII_ISOLATE/INT_STTMCHN

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

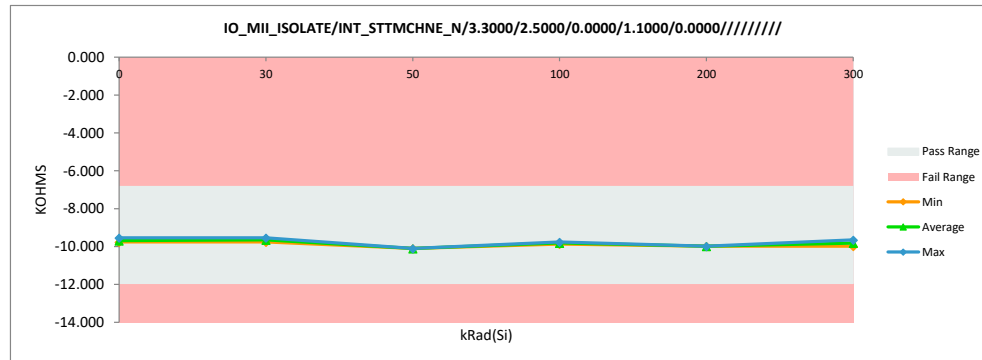
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.754	-9.754	0.000
0	188A	-9.754	-9.754	0.000
0	191A	-9.538	-9.538	0.000
30	181B	-9.754	-9.538	0.216
30	191B	-9.538	-9.754	-0.216
50	181C	-9.754	-10.097	-0.343
50	191C	-9.538	-10.097	-0.559
100	181D	-9.754	-9.866	-0.112
100	191D	-9.538	-9.754	-0.216
200	181E	-9.754	-9.980	-0.226
200	191E	-9.538	-9.980	-0.442
300	181F	-9.754	-9.980	-0.226
300	191F	-9.538	-9.645	-0.107
Max		-9.538	-9.538	0.216
Average		-9.655	-9.826	-0.172
Min		-9.754	-10.097	-0.559
Std Dev		0.112	0.191	0.206



IO_MII_ISOLATE/INT_STTMCHN

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

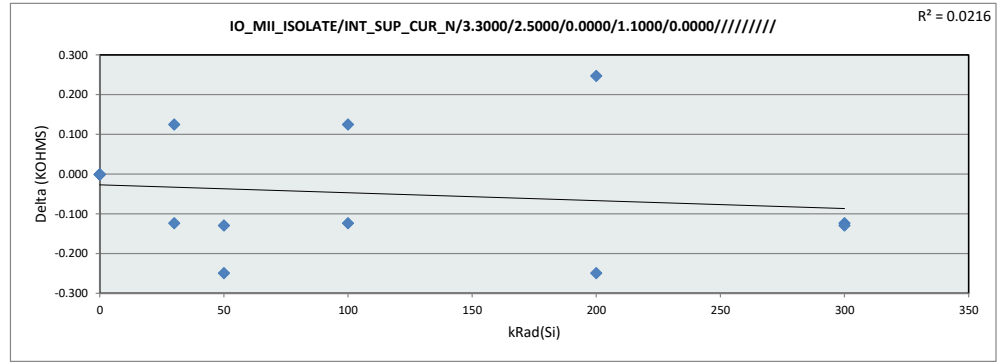
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.754	-9.754	-10.097	-9.866	-9.980	-9.980
Average	-9.682	-9.646	-10.097	-9.810	-9.980	-9.813
Max	-9.538	-9.538	-10.097	-9.754	-9.980	-9.645
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
DP83561-SP

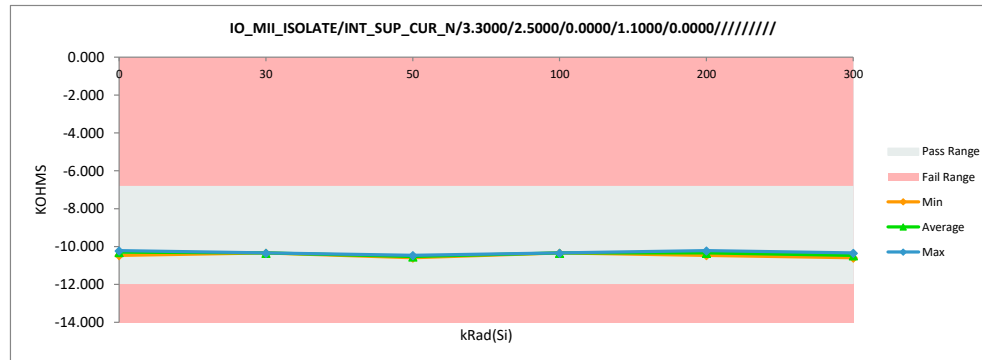
	IO_MII_ISOLATE/INT_SUP_CUR	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.213	-10.213	0.000
0	188A	-10.213	-10.213	0.000
0	191A	-10.462	-10.462	0.000
30	181B	-10.213	-10.336	-0.123
30	191B	-10.462	-10.336	0.126
50	181C	-10.213	-10.462	-0.248
50	191C	-10.462	-10.590	-0.129
100	181D	-10.213	-10.336	-0.123
100	191D	-10.462	-10.336	0.126
200	181E	-10.213	-10.462	-0.248
200	191E	-10.462	-10.213	0.248
300	181F	-10.213	-10.336	-0.123
300	191F	-10.462	-10.590	-0.129
Max		-10.213	-10.213	0.248
Average		-10.328	-10.376	-0.048
Min		-10.462	-10.590	-0.248
Std Dev		0.129	0.129	0.149



	IO_MII_ISOLATE/INT_SUP_CUR	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.800000323	KOHMS
Min Limit	-11.95000057	KOHMS

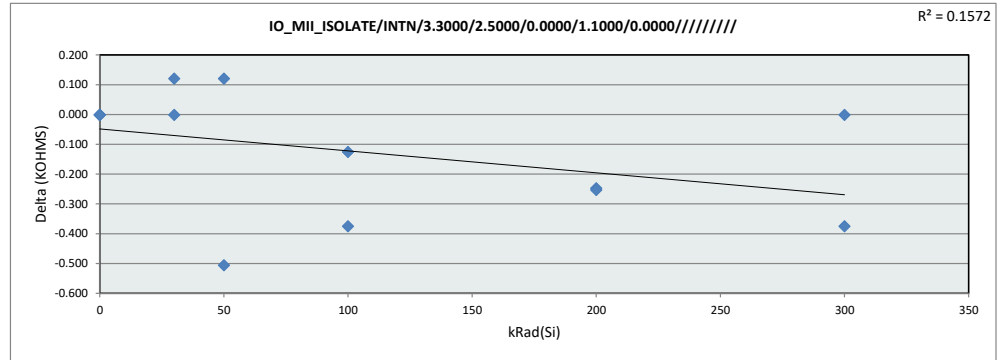
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.462	-10.336	-10.590	-10.336	-10.462	-10.590
Average	-10.296	-10.336	-10.526	-10.336	-10.338	-10.463
Max	-10.213	-10.336	-10.462	-10.336	-10.213	-10.336
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
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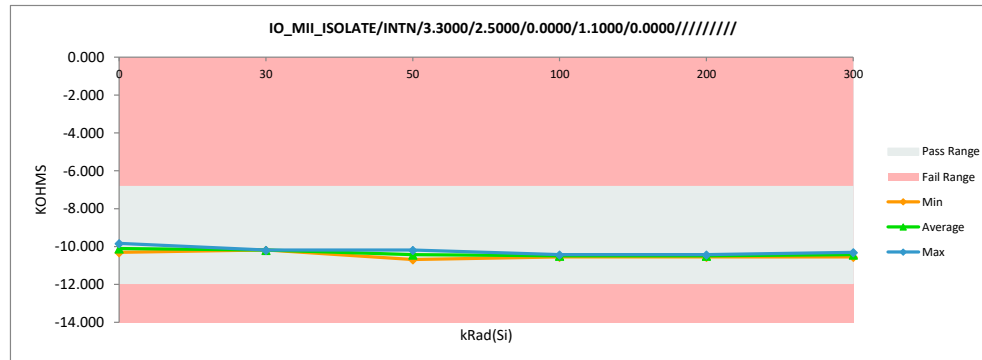
IO_MII_ISOLATE/INTN/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.179	-10.179	0.000
0	188A	-9.830	-9.830	0.000
0	191A	-10.300	-10.300	0.000
30	181B	-10.179	-10.179	0.000
30	191B	-10.300	-10.179	0.122
50	181C	-10.179	-10.683	-0.504
50	191C	-10.300	-10.179	0.122
100	181D	-10.179	-10.552	-0.374
100	191D	-10.300	-10.425	-0.125
200	181E	-10.179	-10.425	-0.246
200	191E	-10.300	-10.552	-0.252
300	181F	-10.179	-10.552	-0.374
300	191F	-10.300	-10.300	0.000
Max		-9.830	-9.830	0.122
Average		-10.208	-10.333	-0.125
Min		-10.300	-10.683	-0.504
Std Dev		0.129	0.230	0.204



IO_MII_ISOLATE/INTN/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.300	-10.179	-10.683	-10.552	-10.552	-10.552
Average	-10.103	-10.179	-10.431	-10.488	-10.488	-10.426
Max	-9.830	-10.179	-10.179	-10.425	-10.425	-10.300
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

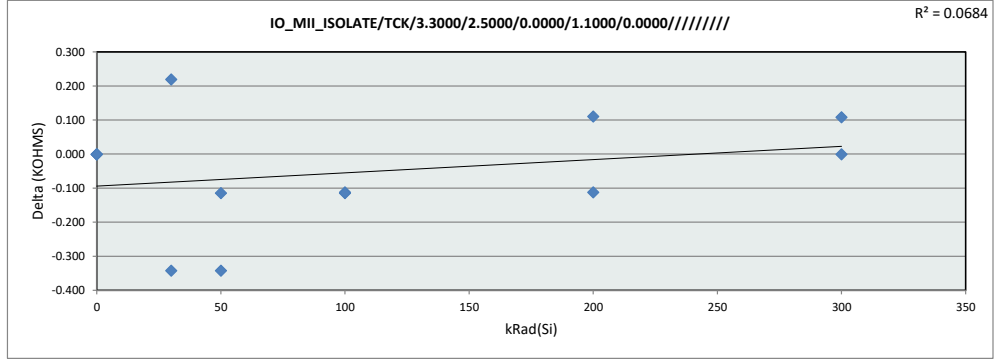


TID Report
DP83561-SP

IO_MII_ISOLATE/TCK/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

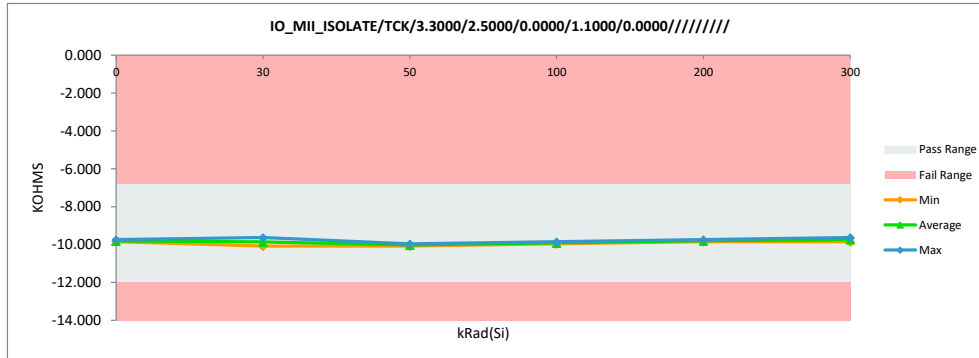
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.737	-9.737	0.000
0	188A	-9.848	-9.848	0.000
0	191A	-9.848	-9.848	0.000
30	181B	-9.737	-10.079	-0.342
30	191B	-9.848	-9.628	0.220
50	181C	-9.737	-10.079	-0.342
50	191C	-9.848	-9.962	-0.114
100	181D	-9.737	-9.848	-0.111
100	191D	-9.848	-9.962	-0.114
200	181E	-9.737	-9.848	-0.111
200	191E	-9.848	-9.737	0.111
300	181F	-9.737	-9.628	0.109
300	191F	-9.848	-9.848	0.000
Max		-9.737	-9.628	0.220
Average		-9.797	-9.850	-0.053
Min		-9.848	-10.079	-0.342
Std Dev		0.058	0.145	0.163



IO_MII_ISOLATE/TCK/3.3000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.800000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.848	-10.079	-10.079	-9.962	-9.848	-9.848
Average	-9.811	-9.853	-10.020	-9.905	-9.793	-9.738
Max	-9.737	-9.628	-9.962	-9.848	-9.737	-9.628
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

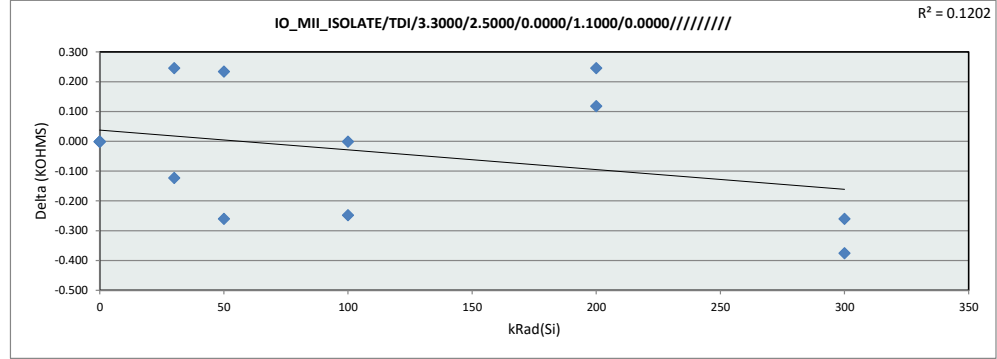


TID Report
DP83561-SP

IO_MII_ISOLATE/TDI/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

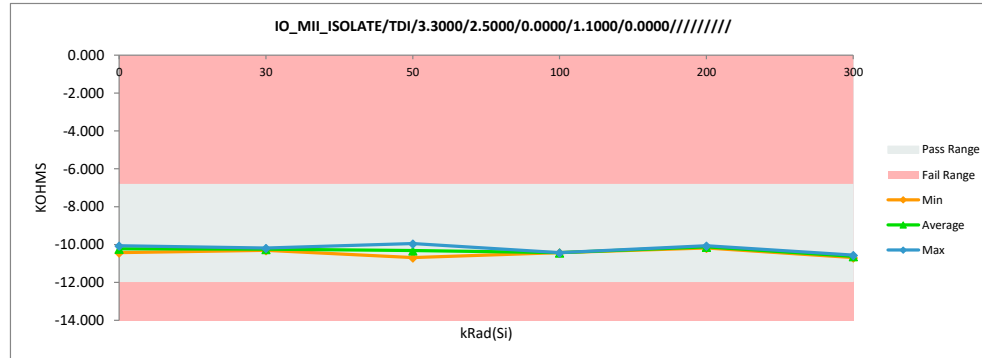
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.181	-10.181	0.000
0	188A	-10.062	-10.062	0.000
0	191A	-10.428	-10.428	0.000
30	181B	-10.181	-10.303	-0.122
30	191B	-10.428	-10.181	0.247
50	181C	-10.181	-9.946	0.235
50	191C	-10.428	-10.687	-0.259
100	181D	-10.181	-10.428	-0.247
100	191D	-10.428	-10.428	0.000
200	181E	-10.181	-10.062	0.119
200	191E	-10.428	-10.181	0.247
300	181F	-10.181	-10.556	-0.374
300	191F	-10.428	-10.687	-0.259
Max		-10.062	-9.946	0.247
Average		-10.286	-10.318	-0.032
Min		-10.428	-10.687	-0.374
Std Dev		0.140	0.240	0.210



IO_MII_ISOLATE/TDI/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.800000323 KOHMS
Min Limit	-11.95000057 KOHMS

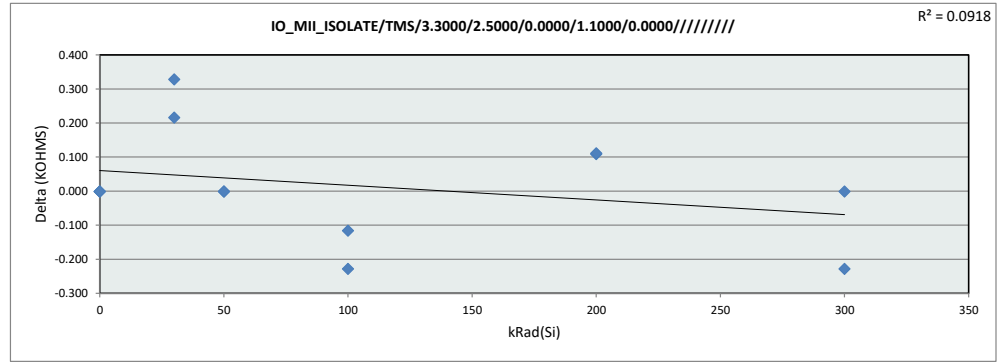
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.428	-10.303	-10.687	-10.428	-10.181	-10.687
Average	-10.224	-10.242	-10.316	-10.428	-10.122	-10.621
Max	-10.062	-10.181	-9.946	-10.428	-10.062	-10.556
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
DP83561-SP

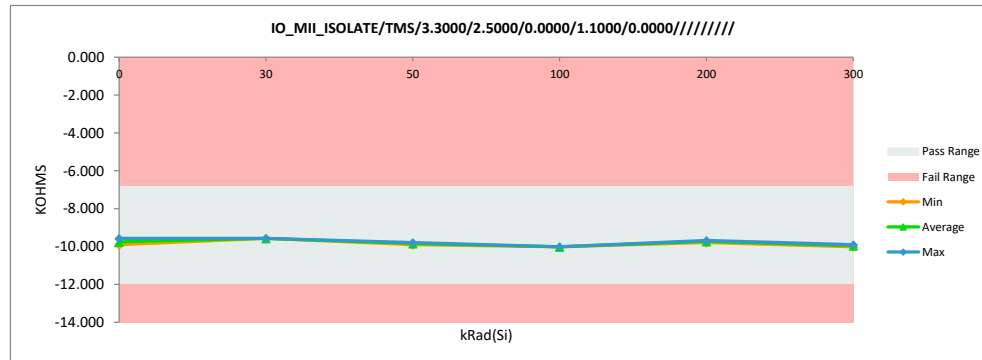
IO_MII_ISOLATE/TMS/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.785	-9.785	0.000
0	188A	-9.568	-9.568	0.000
0	191A	-9.897	-9.897	0.000
30	181B	-9.785	-9.568	0.217
30	191B	-9.897	-9.568	0.329
50	181C	-9.785	-9.785	0.000
50	191C	-9.897	-9.897	0.000
100	181D	-9.785	-10.012	-0.227
100	191D	-9.897	-10.012	-0.115
200	181E	-9.785	-9.675	0.110
200	191E	-9.897	-9.785	0.112
300	181F	-9.785	-10.012	-0.227
300	191F	-9.897	-9.897	0.000
Max		-9.568	-9.568	0.329
Average		-9.820	-9.804	0.015
Min		-9.897	-10.012	-0.227
Std Dev		0.094	0.168	0.156



IO_MII_ISOLATE/TMS/3.3000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.800000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.897	-9.568	-9.897	-10.012	-9.785	-10.012
Average	-9.750	-9.568	-9.841	-10.012	-9.730	-9.954
Max	-9.568	-9.568	-9.785	-10.012	-9.675	-9.897
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

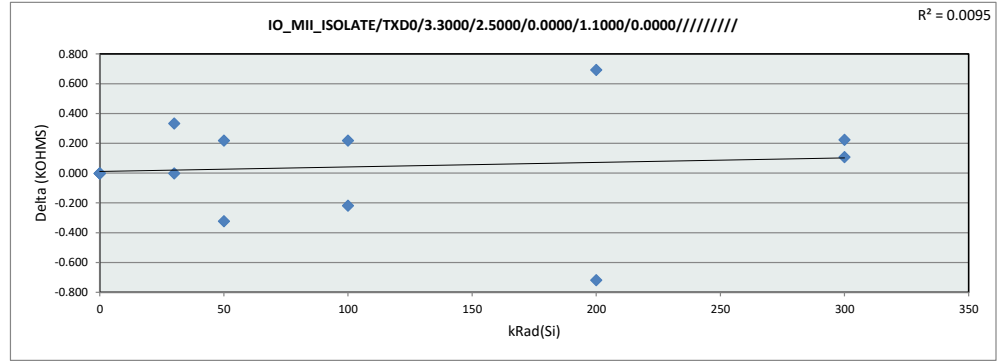


TID Report
DP83561-SP

IO_MII_ISOLATE/TXD0/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

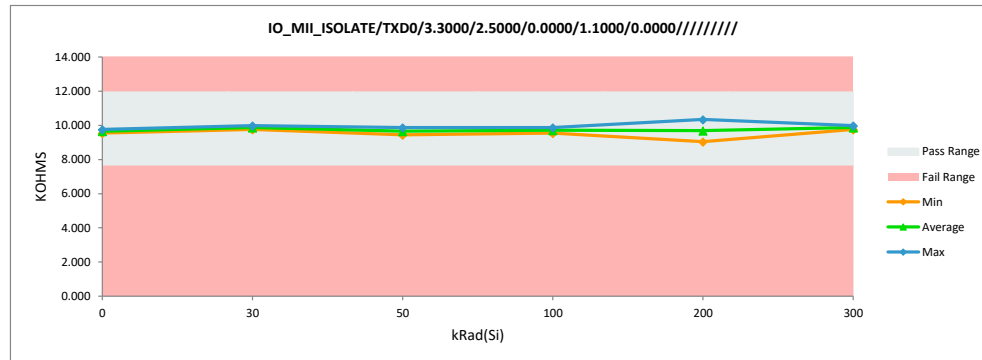
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.761	9.761	0.000
0	188A	9.545	9.545	0.000
0	191A	9.652	9.652	0.000
30	181B	9.761	9.761	0.000
30	191B	9.652	9.987	0.335
50	181C	9.761	9.441	-0.321
50	191C	9.652	9.873	0.221
100	181D	9.761	9.545	-0.216
100	191D	9.652	9.873	0.221
200	181E	9.761	9.045	-0.717
200	191E	9.652	10.347	0.695
300	181F	9.761	9.987	0.226
300	191F	9.652	9.761	0.109
Max		9.761	10.347	0.695
Average		9.694	9.737	0.043
Min		9.545	9.045	-0.717
Std Dev		0.071	0.314	0.341



IO_MII_ISOLATE/TXD0/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.545	9.761	9.441	9.545	9.045	9.761
Average	9.653	9.874	9.657	9.709	9.696	9.874
Max	9.761	9.987	9.873	9.873	10.347	9.987
UL	11.950	11.950	11.950	11.950	11.950	11.950

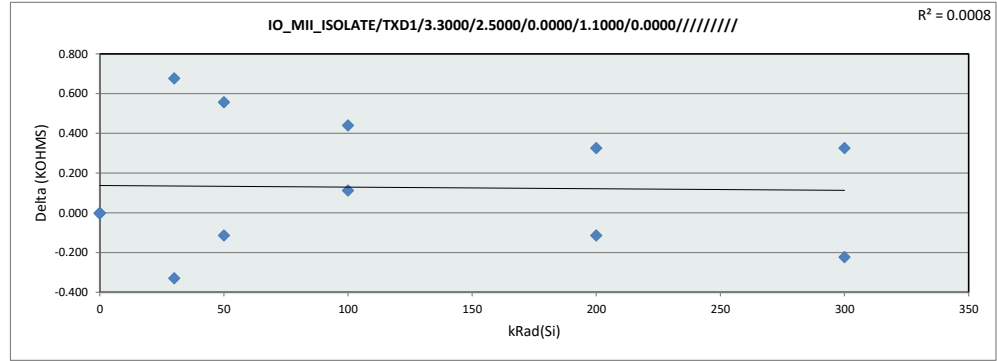


TID Report
DP83561-SP

IO_MII_ISOLATE/TXD1/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

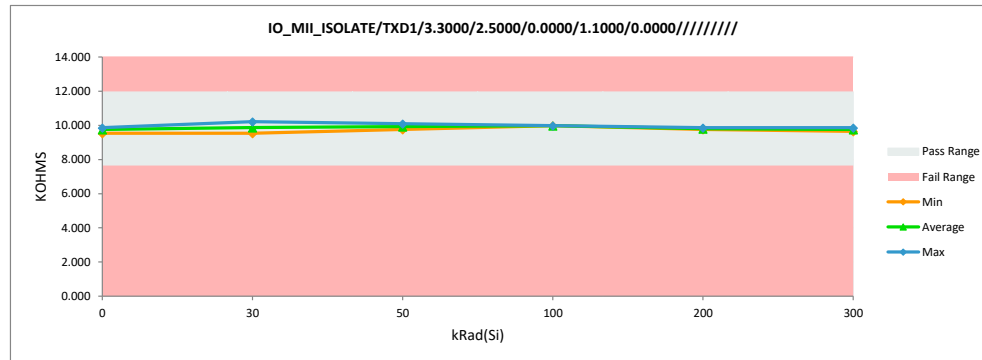
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.866	9.866	0.000
0	188A	9.866	9.866	0.000
0	191A	9.538	9.538	0.000
30	181B	9.866	9.538	-0.328
30	191B	9.538	10.217	0.679
50	181C	9.866	9.754	-0.112
50	191C	9.538	10.097	0.559
100	181D	9.866	9.980	0.114
100	191D	9.538	9.980	0.442
200	181E	9.866	9.754	-0.112
200	191E	9.538	9.866	0.328
300	181F	9.866	9.645	-0.221
300	191F	9.538	9.866	0.328
Max		9.866	10.217	0.679
Average		9.714	9.844	0.129
Min		9.538	9.538	-0.328
Std Dev		0.170	0.201	0.311



IO_MII_ISOLATE/TXD1/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.538	9.538	9.754	9.980	9.754	9.645
Average	9.757	9.877	9.926	9.980	9.810	9.755
Max	9.866	10.217	10.097	9.980	9.866	9.866
UL	11.950	11.950	11.950	11.950	11.950	11.950

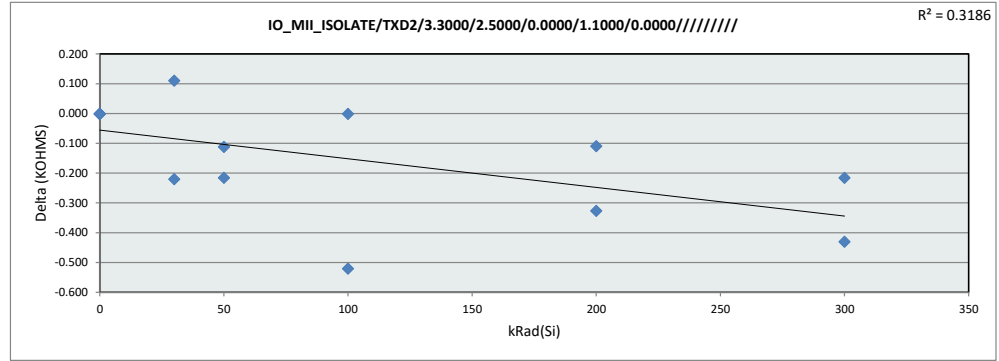


TID Report
DP83561-SP

IO_MII_ISOLATE/TXD2/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

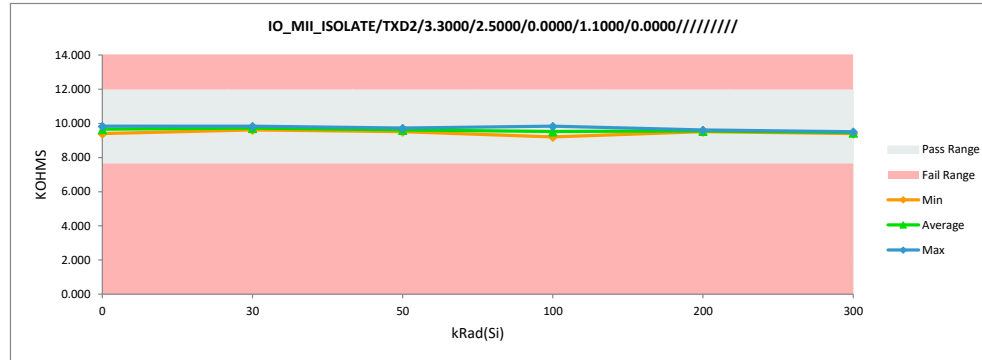
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.724	9.724	0.000
0	188A	9.405	9.405	0.000
0	191A	9.835	9.835	0.000
30	181B	9.724	9.835	0.111
30	191B	9.835	9.615	-0.220
50	181C	9.724	9.509	-0.215
50	191C	9.835	9.724	-0.111
100	181D	9.724	9.204	-0.519
100	191D	9.835	9.835	0.000
200	181E	9.724	9.615	-0.109
200	191E	9.835	9.509	-0.326
300	181F	9.724	9.509	-0.215
300	191F	9.835	9.405	-0.430
Max		9.835	9.835	0.111
Average		9.751	9.594	-0.156
Min		9.405	9.204	-0.519
Std Dev		0.118	0.194	0.187



IO_MII_ISOLATE/TXD2/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.405	9.615	9.509	9.204	9.509	9.405
Average	9.655	9.725	9.617	9.520	9.562	9.457
Max	9.835	9.835	9.724	9.835	9.615	9.509
UL	11.950	11.950	11.950	11.950	11.950	11.950

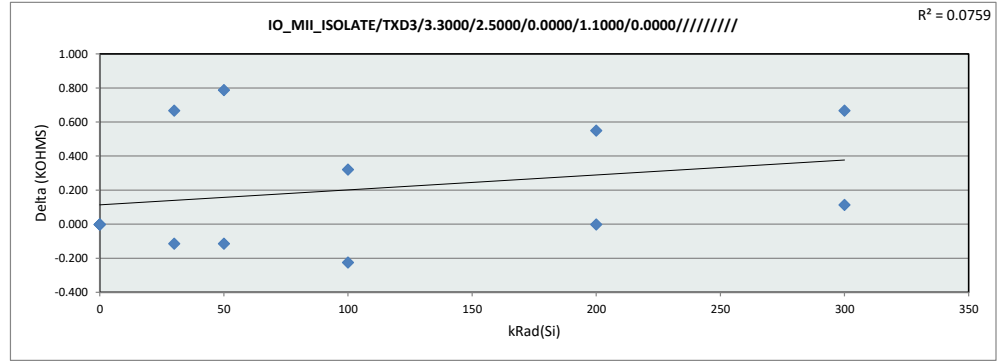


TID Report
DP83561-SP

IO_MII_ISOLATE/TXD3/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

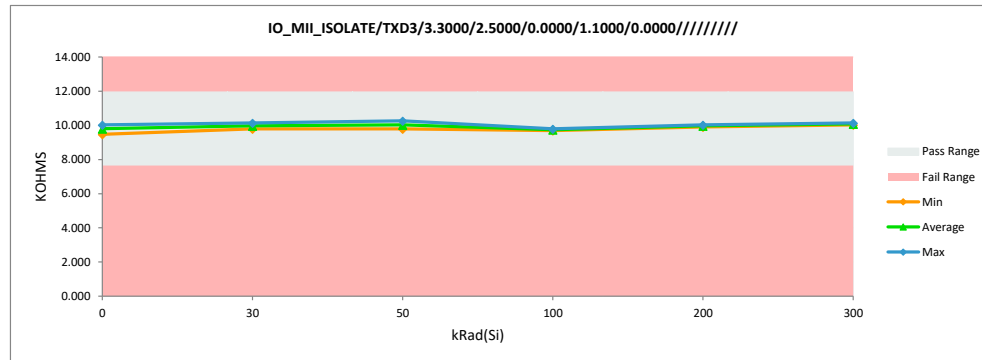
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.475	9.475	0.000
0	188A	10.026	10.026	0.000
0	191A	9.911	9.911	0.000
30	181B	9.475	10.144	0.669
30	191B	9.911	9.798	-0.113
50	181C	9.475	10.265	0.790
50	191C	9.911	9.798	-0.113
100	181D	9.475	9.798	0.323
100	191D	9.911	9.688	-0.223
200	181E	9.475	10.026	0.551
200	191E	9.911	9.911	0.000
300	181F	9.475	10.144	0.669
300	191F	9.911	10.026	0.115
Max		10.026	10.265	0.790
Average		9.718	9.924	0.205
Min		9.475	9.475	-0.223
Std Dev		0.237	0.214	0.350



IO_MII_ISOLATE/TXD3/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

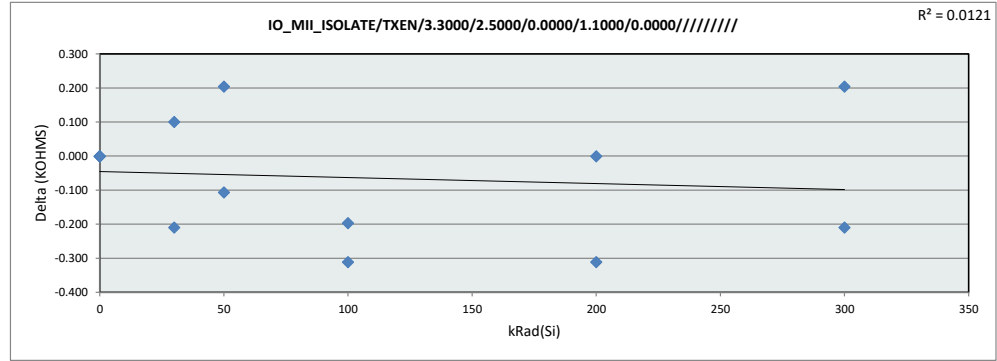
	kRad(Si)	0	30	50	100	200	300
LL		7.650	7.650	7.650	7.650	7.650	7.650
Min		9.475	9.798	9.798	9.688	9.911	10.026
Average		9.804	9.971	10.031	9.743	9.968	10.085
Max		10.026	10.144	10.265	9.798	10.026	10.144
UL		11.950	11.950	11.950	11.950	11.950	11.950



TID Report
DP83561-SP

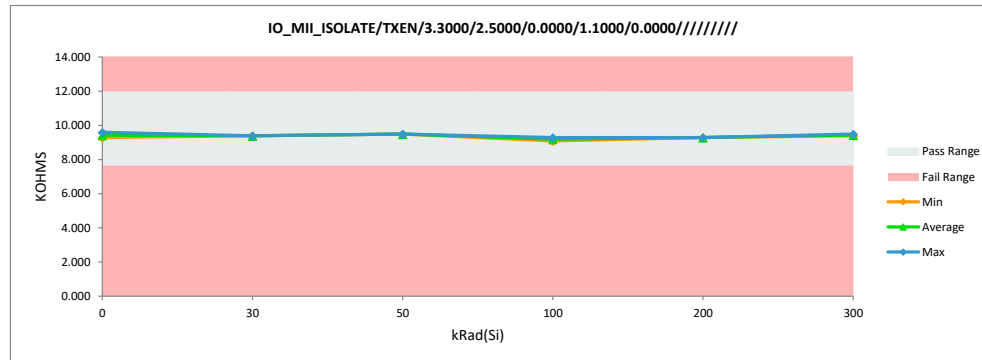
IO_MII_ISOLATE/TXEN/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.285	9.285	0.000
0	188A	9.387	9.387	0.000
0	191A	9.596	9.596	0.000
30	181B	9.285	9.387	0.101
30	191B	9.596	9.387	-0.209
50	181C	9.285	9.490	0.205
50	191C	9.596	9.490	-0.106
100	181D	9.285	9.089	-0.196
100	191D	9.596	9.285	-0.310
200	181E	9.285	9.285	0.000
200	191E	9.596	9.285	-0.310
300	181F	9.285	9.490	0.205
300	191F	9.596	9.387	-0.209
Max		9.596	9.596	0.205
Average		9.436	9.373	-0.064
Min		9.285	9.089	-0.310
Std Dev		0.156	0.130	0.176



IO_MII_ISOLATE/TXEN/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.285	9.387	9.490	9.089	9.285	9.387
Average	9.423	9.387	9.490	9.187	9.285	9.438
Max	9.596	9.387	9.490	9.285	9.285	9.490
UL	11.950	11.950	11.950	11.950	11.950	11.950

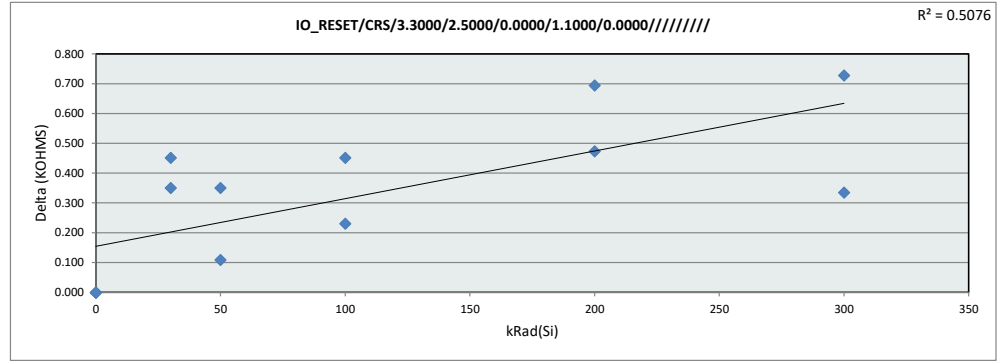


TID Report
DP83561-SP

IO_RESET/CRS/3.3000/2.5000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

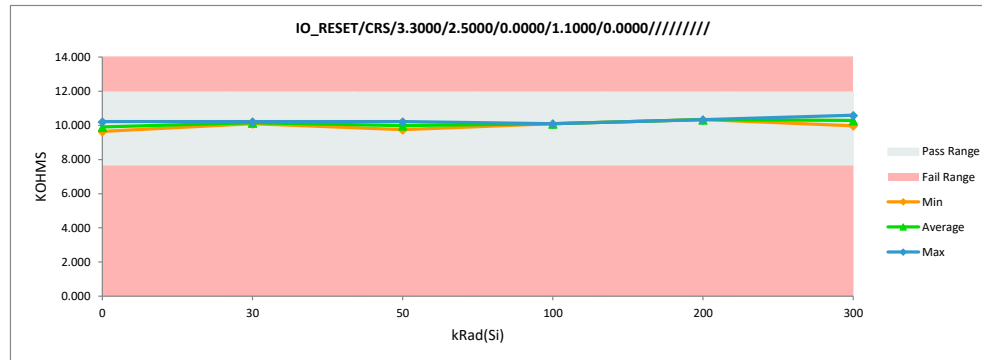
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.643	9.643	0.000
0	188A	10.216	10.216	0.000
0	191A	9.864	9.864	0.000
30	181B	9.643	10.096	0.452
30	191B	9.864	10.216	0.351
50	181C	9.643	9.752	0.109
50	191C	9.864	10.216	0.351
100	181D	9.643	10.096	0.452
100	191D	9.864	10.096	0.231
200	181E	9.643	10.338	0.695
200	191E	9.864	10.338	0.474
300	181F	9.643	9.979	0.335
300	191F	9.864	10.593	0.728
Max		10.216	10.593	0.728
Average		9.789	10.111	0.322
Min		9.643	9.643	0.000
Std Dev		0.169	0.257	0.246



IO_RESET/CRS/3.3000/2.5000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.643	10.096	9.752	10.096	10.338	9.979
Average	9.908	10.156	9.984	10.096	10.338	10.286
Max	10.216	10.216	10.216	10.096	10.338	10.593
UL	11.950	11.950	11.950	11.950	11.950	11.950

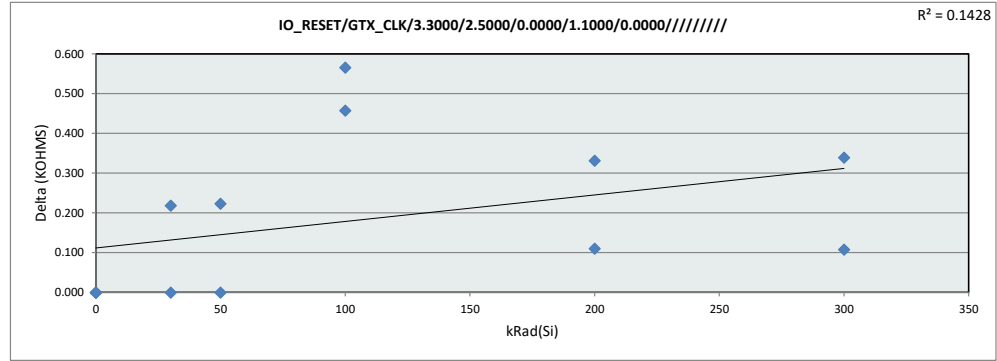


TID Report
DP83561-SP

IO_RESET/GTX_CLK/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

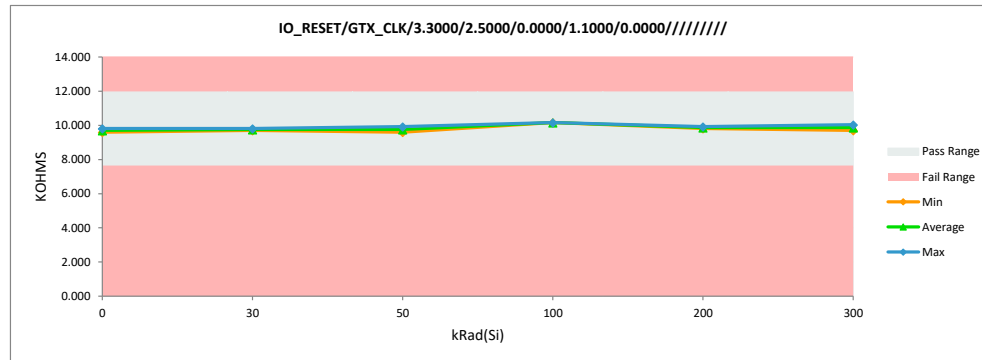
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.598	9.598	0.000
0	188A	9.817	9.817	0.000
0	191A	9.706	9.706	0.000
30	181B	9.598	9.817	0.219
30	191B	9.706	9.706	0.000
50	181C	9.598	9.598	0.000
50	191C	9.706	9.930	0.224
100	181D	9.598	10.164	0.566
100	191D	9.706	10.164	0.458
200	181E	9.598	9.930	0.332
200	191E	9.706	9.817	0.111
300	181F	9.598	9.706	0.108
300	191F	9.706	10.046	0.340
Max		9.817	10.164	0.566
Average		9.665	9.846	0.181
Min		9.598	9.598	0.000
Std Dev		0.071	0.192	0.194



IO_RESET/GTX_CLK/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

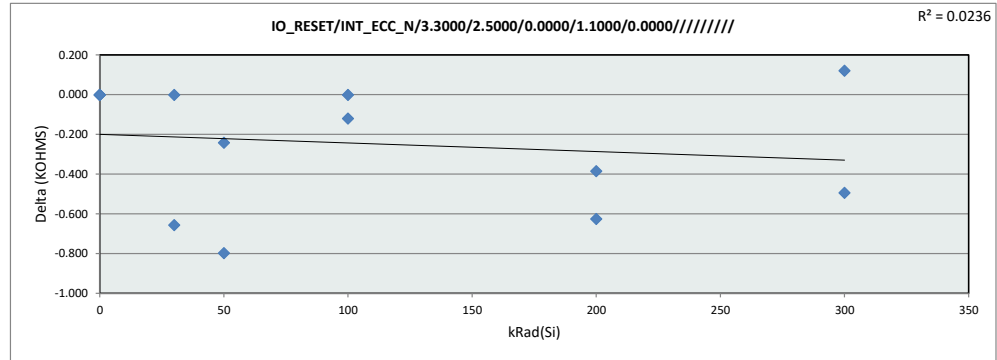
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.598	9.706	9.598	10.164	9.817	9.706
Average	9.707	9.761	9.764	10.164	9.873	9.876
Max	9.817	9.817	9.930	10.164	9.930	10.046
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
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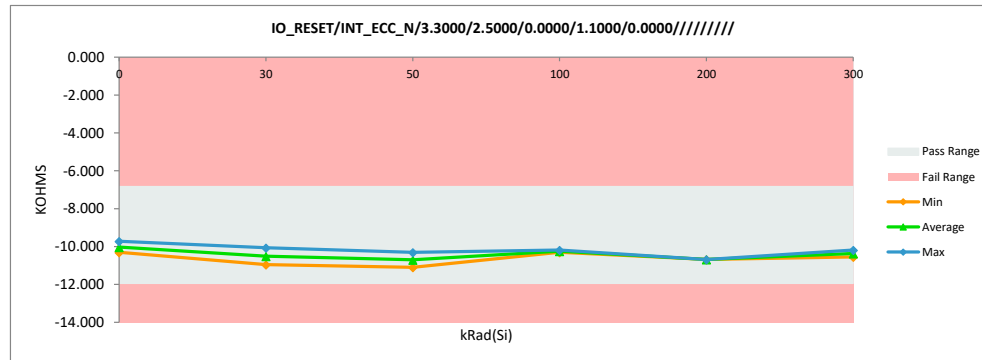
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Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.80000323	-6.80000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.060	-10.060	0.000
0	188A	-9.719	-9.719	0.000
0	191A	-10.300	-10.300	0.000
30	181B	-10.060	-10.060	0.000
30	191B	-10.300	-10.955	-0.655
50	181C	-10.060	-10.300	-0.240
50	191C	-10.300	-11.096	-0.796
100	181D	-10.060	-10.179	-0.119
100	191D	-10.300	-10.300	0.000
200	181E	-10.060	-10.683	-0.624
200	191E	-10.300	-10.683	-0.383
300	181F	-10.060	-10.552	-0.493
300	191F	-10.300	-10.179	0.122
	Max	-9.719	-9.719	0.122
	Average	-10.145	-10.390	-0.245
	Min	-10.300	-11.096	-0.796
	Std Dev	0.175	0.387	0.309



		IO_RESET/INT_ECC_N/3.3000	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.80000323	KOHMS
Min Limit		-11.95000057	KOHMS

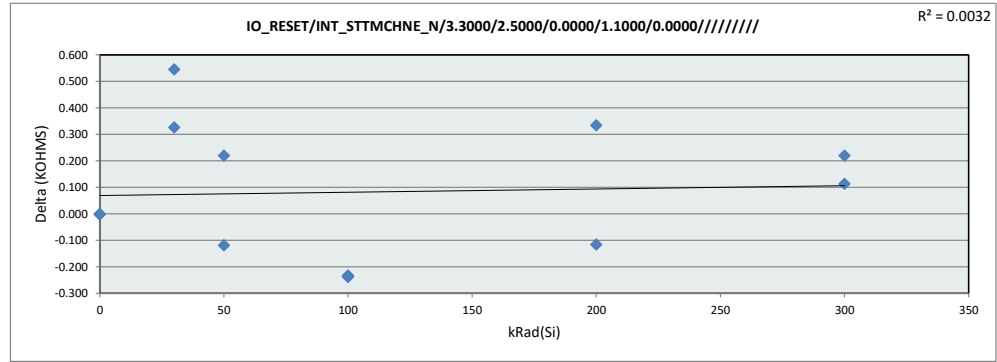
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.300	-10.955	-11.096	-10.300	-10.683	-10.552
Average	-10.026	-10.507	-10.698	-10.239	-10.683	-10.365
Max	-9.719	-10.060	-10.300	-10.179	-10.683	-10.179
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
DP83561-SP

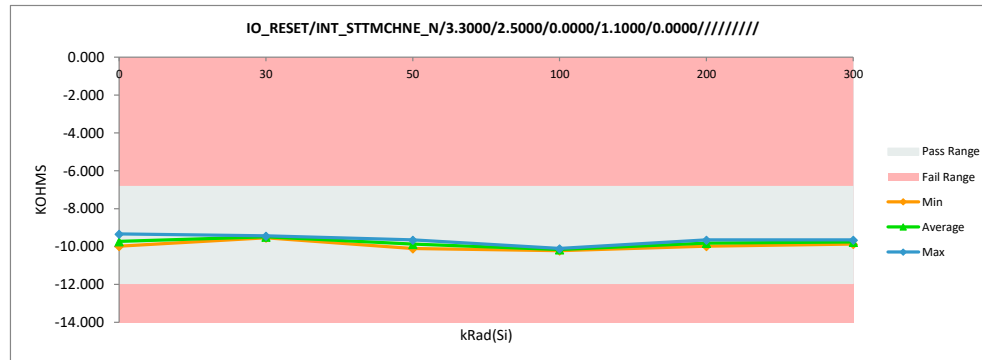
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.866	-9.866	0.000
0	188A	-9.332	-9.332	0.000
0	191A	-9.980	-9.980	0.000
30	181B	-9.866	-9.538	0.328
30	191B	-9.980	-9.434	0.547
50	181C	-9.866	-9.645	0.221
50	191C	-9.980	-10.097	-0.117
100	181D	-9.866	-10.097	-0.231
100	191D	-9.980	-10.217	-0.237
200	181E	-9.866	-9.980	-0.114
200	191E	-9.980	-9.645	0.335
300	181F	-9.866	-9.645	0.221
300	191F	-9.980	-9.866	0.114
Max		-9.332	-9.332	0.547
Average		-9.878	-9.796	0.082
Min		-9.980	-10.217	-0.237
Std Dev		0.174	0.277	0.238



	IO_RESET/INT_STTMCHNE_N/	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.980	-9.538	-10.097	-10.217	-9.980	-9.866
Average	-9.726	-9.486	-9.871	-10.157	-9.813	-9.756
Max	-9.332	-9.434	-9.645	-10.097	-9.645	-9.645
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

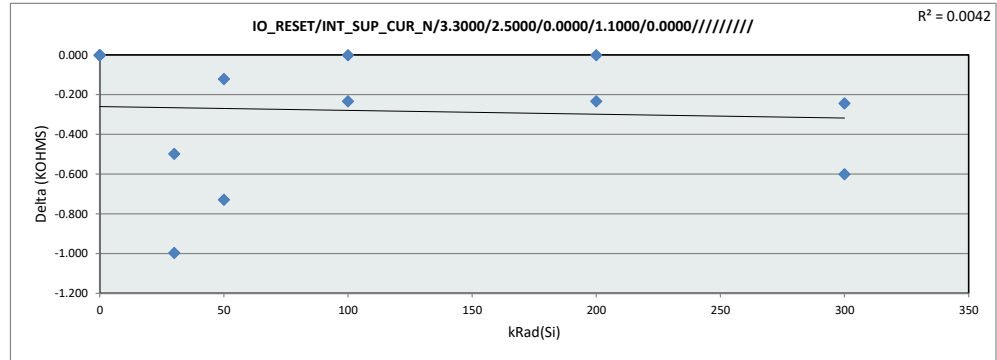


TID Report
DP83561-SP

IO_RESET/INT_SUP_CUR_N/3.3000/2.5000/0.0000/1.1000/0.0000////////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

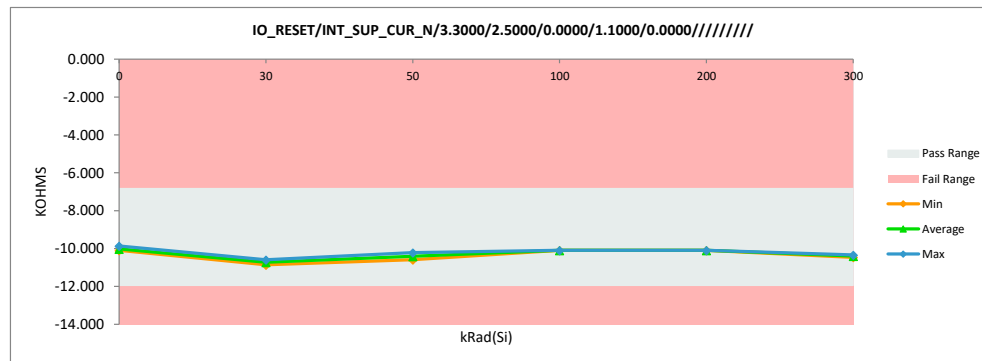
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.863	-9.863	0.000
0	188A	-10.094	-10.094	0.000
0	191A	-10.094	-10.094	0.000
30	181B	-9.863	-10.857	-0.995
30	191B	-10.094	-10.590	-0.497
50	181C	-9.863	-10.590	-0.728
50	191C	-10.094	-10.213	-0.120
100	181D	-9.863	-10.094	-0.231
100	191D	-10.094	-10.094	0.000
200	181E	-9.863	-10.094	-0.231
200	191E	-10.094	-10.094	0.000
300	181F	-9.863	-10.462	-0.599
300	191F	-10.094	-10.336	-0.242
Max		-9.863	-9.863	0.000
Average		-9.987	-10.267	-0.280
Min		-10.094	-10.857	-0.995
Std Dev		0.120	0.281	0.327



IO_RESET/INT_SUP_CUR_N/3.3000/2.5000/0.0000/1.1000/0.0000////////

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.094	-10.857	-10.590	-10.094	-10.094	-10.462
Average	-10.017	-10.724	-10.402	-10.094	-10.094	-10.399
Max	-9.863	-10.590	-10.213	-10.094	-10.094	-10.336
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

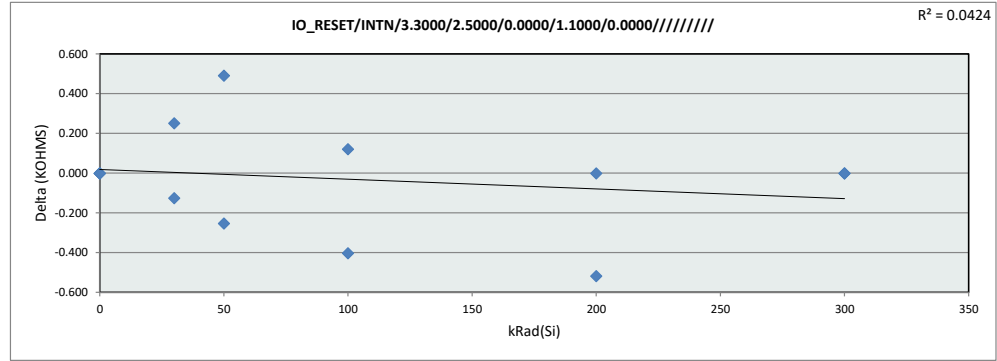


TID Report
DP83561-SP

IO_RESET/INTN/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

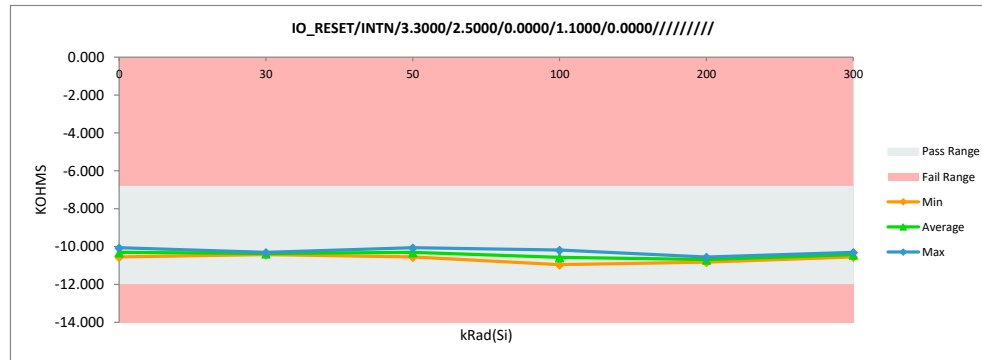
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.300	-10.300	0.000
0	188A	-10.060	-10.060	0.000
0	191A	-10.552	-10.552	0.000
30	181B	-10.300	-10.425	-0.125
30	191B	-10.552	-10.300	0.252
50	181C	-10.300	-10.552	-0.252
50	191C	-10.552	-10.060	0.492
100	181D	-10.300	-10.179	0.122
100	191D	-10.552	-10.954	-0.402
200	181E	-10.300	-10.817	-0.517
200	191E	-10.552	-10.552	0.000
300	181F	-10.300	-10.300	0.000
300	191F	-10.552	-10.552	0.000
Max		-10.060	-10.060	0.492
Average		-10.398	-10.431	-0.033
Min		-10.552	-10.954	-0.517
Std Dev		0.162	0.270	0.261



IO_RESET/INTN/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.800000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.552	-10.425	-10.552	-10.954	-10.817	-10.552
Average	-10.304	-10.362	-10.306	-10.567	-10.685	-10.426
Max	-10.060	-10.300	-10.060	-10.179	-10.552	-10.300
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

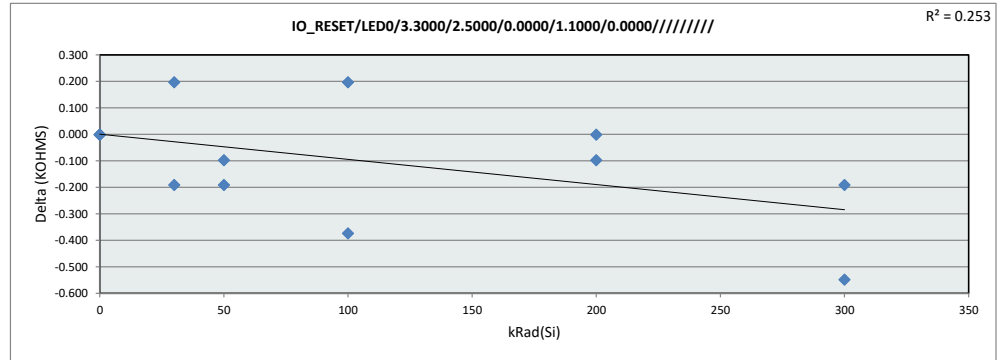


TID Report
DP83561-SP

IO_RESET/LEDO/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

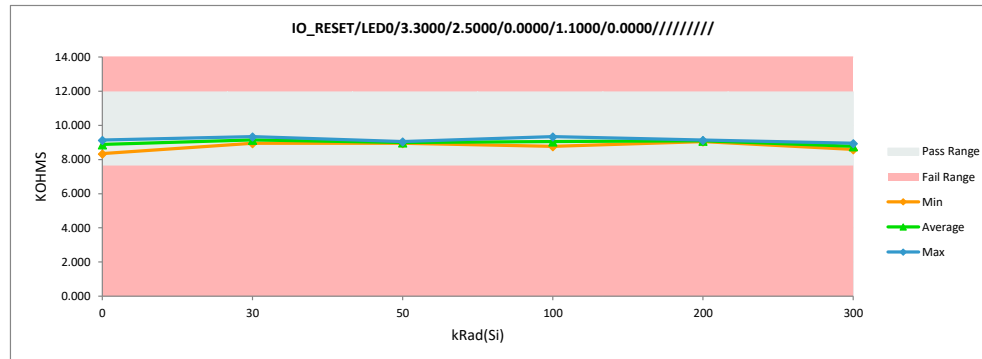
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.143	9.143	0.000
0	188A	8.346	8.346	0.000
0	191A	9.143	9.143	0.000
30	181B	9.143	8.953	-0.190
30	191B	9.143	9.341	0.198
50	181C	9.143	9.047	-0.096
50	191C	9.143	8.953	-0.190
100	181D	9.143	8.771	-0.372
100	191D	9.143	9.341	0.198
200	181E	9.143	9.047	-0.096
200	191E	9.143	9.143	0.000
300	181F	9.143	8.596	-0.547
300	191F	9.143	8.953	-0.190
Max		9.143	9.341	0.198
Average		9.082	8.983	-0.099
Min		8.346	8.346	-0.547
Std Dev		0.221	0.281	0.207



IO_RESET/LEDO/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	8.346	8.953	8.953	8.771	9.047	8.596
Average	8.878	9.147	9.000	9.056	9.095	8.775
Max	9.143	9.341	9.047	9.341	9.143	8.953
UL	11.950	11.950	11.950	11.950	11.950	11.950

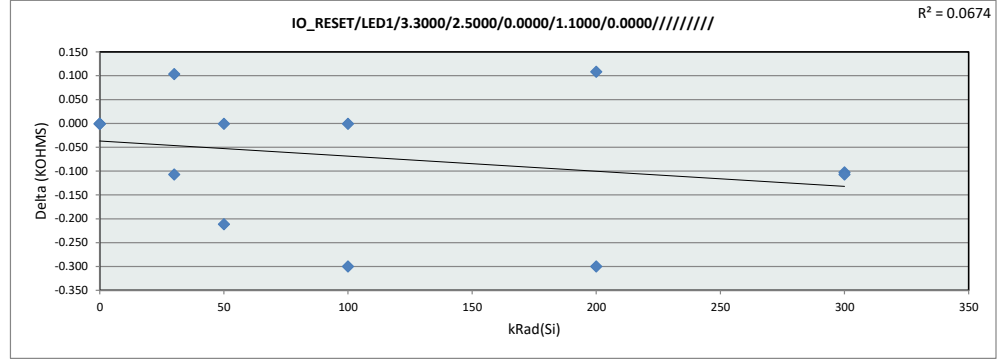


TID Report
DP83561-SP

IO_RESET/LED1/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

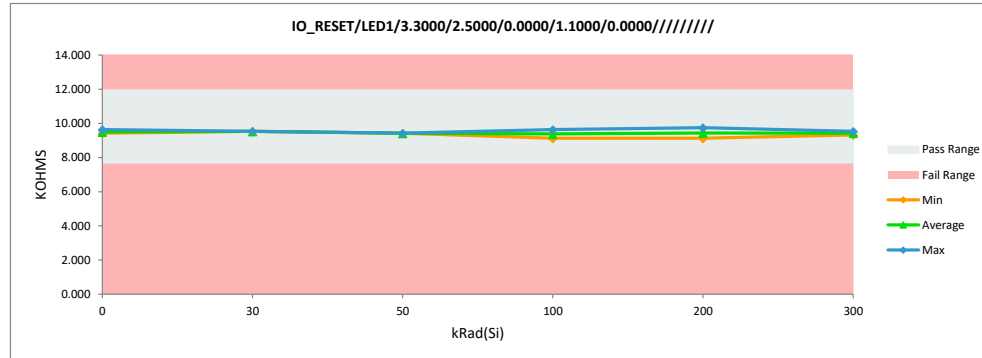
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.427	9.427	0.000
0	188A	9.427	9.427	0.000
0	191A	9.638	9.638	0.000
30	181B	9.427	9.531	0.104
30	191B	9.638	9.531	-0.107
50	181C	9.427	9.427	0.000
50	191C	9.638	9.427	-0.211
100	181D	9.427	9.128	-0.299
100	191D	9.638	9.638	0.000
200	181E	9.427	9.128	-0.299
200	191E	9.638	9.747	0.109
300	181F	9.427	9.325	-0.102
300	191F	9.638	9.531	-0.107
Max		9.638	9.747	0.109
Average		9.524	9.454	-0.070
Min		9.427	9.128	-0.299
Std Dev		0.109	0.183	0.134



IO_RESET/LED1/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.427	9.531	9.427	9.128	9.128	9.325
Average	9.497	9.531	9.427	9.383	9.437	9.428
Max	9.638	9.531	9.427	9.638	9.747	9.531
UL	11.950	11.950	11.950	11.950	11.950	11.950

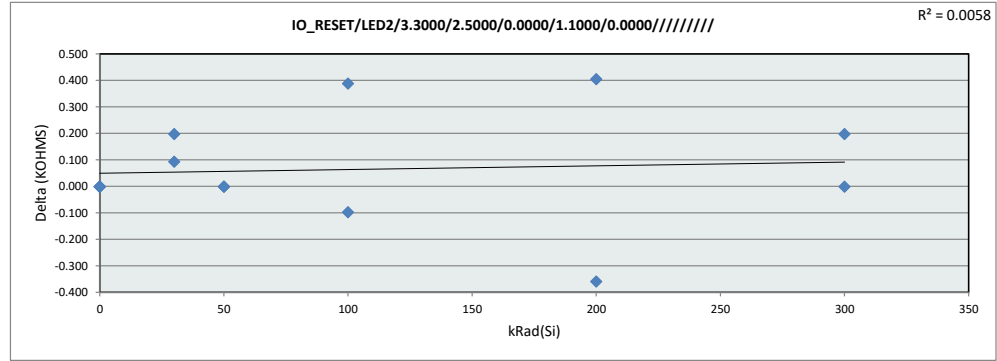


TID Report
DP83561-SP

IO_RESET/LED2/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

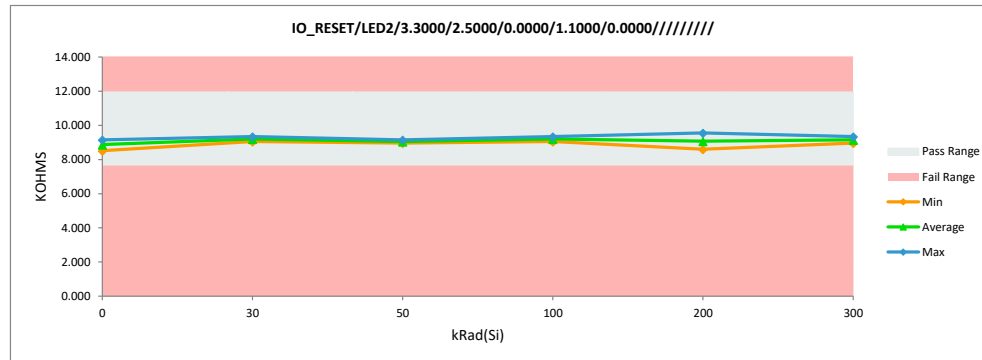
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	8.959	8.959	0.000
0	188A	8.516	8.516	0.000
0	191A	9.150	9.150	0.000
30	181B	8.959	9.054	0.094
30	191B	9.150	9.348	0.199
50	181C	8.959	8.959	0.000
50	191C	9.150	9.150	0.000
100	181D	8.959	9.348	0.389
100	191D	9.150	9.054	-0.096
200	181E	8.959	8.601	-0.358
200	191E	9.150	9.556	0.406
300	181F	8.959	8.959	0.000
300	191F	9.150	9.348	0.199
Max		9.150	9.556	0.406
Average		9.013	9.077	0.064
Min		8.516	8.516	-0.358
Std Dev		0.177	0.295	0.202



IO_RESET/LED2/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

	0	30	50	100	200	300
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	8.516	9.054	8.959	9.054	8.601	8.959
Average	8.875	9.201	9.055	9.201	9.079	9.154
Max	9.150	9.348	9.150	9.348	9.556	9.348
UL	11.950	11.950	11.950	11.950	11.950	11.950

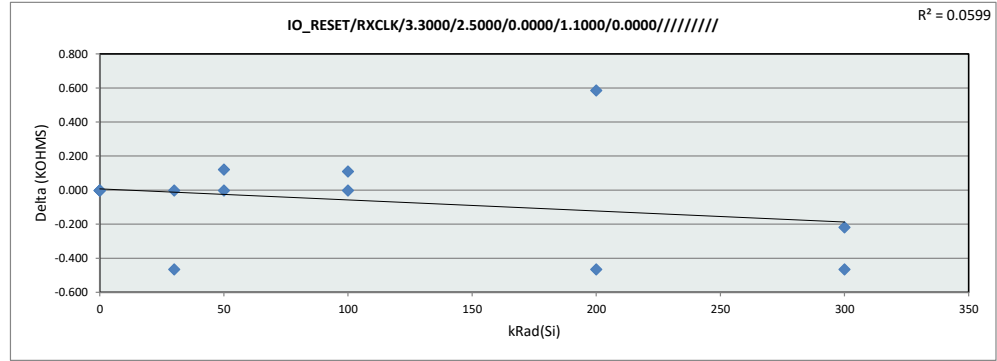


TID Report
DP83561-SP

IO_RESET/RXCLK/3.3000/2.500

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

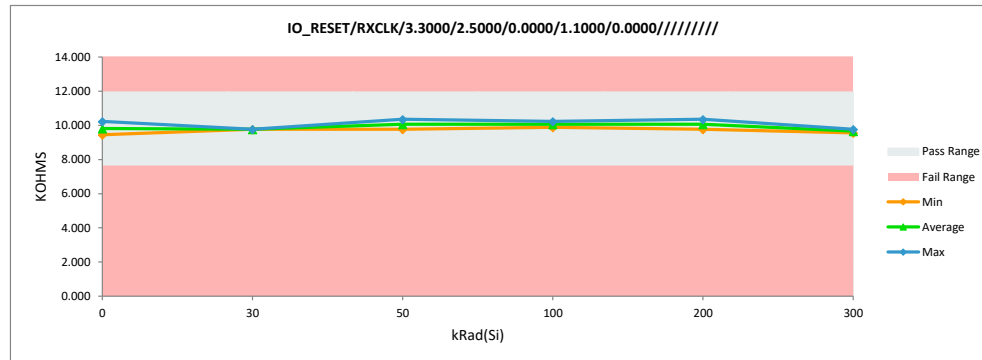
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	10.236	10.236	0.000
0	188A	9.451	9.451	0.000
0	191A	9.772	9.772	0.000
30	181B	10.236	9.772	-0.464
30	191B	9.772	9.772	0.000
50	181C	10.236	10.359	0.123
50	191C	9.772	9.772	0.000
100	181D	10.236	10.236	0.000
100	191D	9.772	9.884	0.112
200	181E	10.236	9.772	-0.464
200	191E	9.772	10.359	0.587
300	181F	10.236	9.772	-0.464
300	191F	9.772	9.555	-0.217
Max		10.236	10.359	0.587
Average		9.961	9.901	-0.060
Min		9.451	9.451	-0.464
Std Dev		0.278	0.298	0.291



IO_RESET/RXCLK/3.3000/2.500

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.451	9.772	9.772	9.884	9.772	9.555
Average	9.819	9.772	10.065	10.060	10.065	9.664
Max	10.236	9.772	10.359	10.236	10.359	9.772
UL	11.950	11.950	11.950	11.950	11.950	11.950

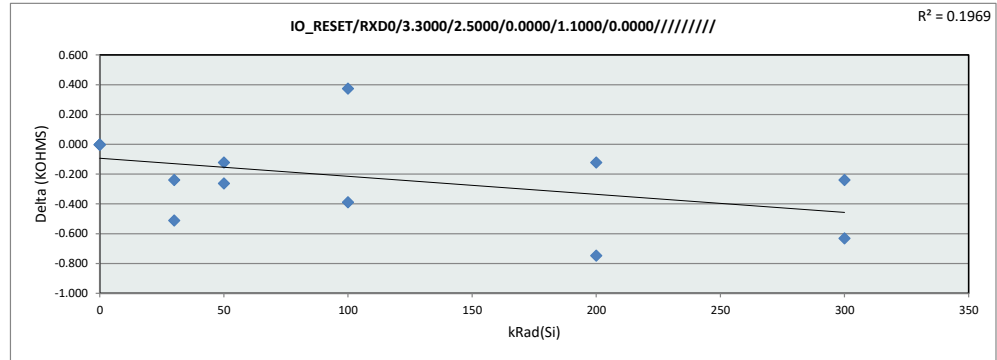


TID Report
DP83561-SP

IO_RESET/RXD0/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

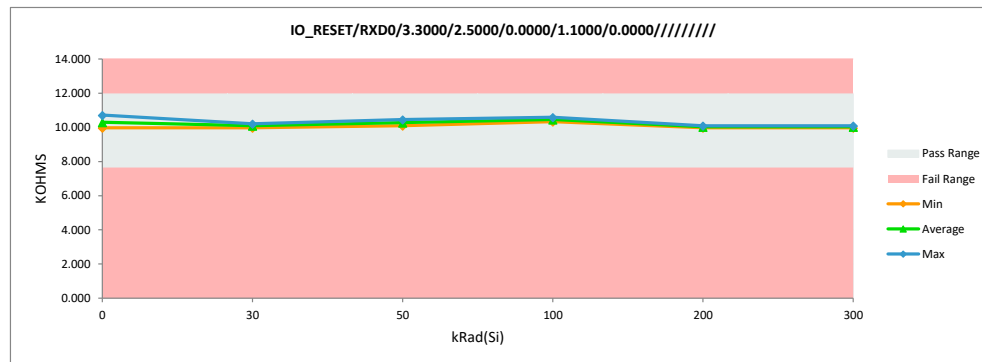
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	10.720	10.720	0.000
0	188A	9.975	9.975	0.000
0	191A	10.211	10.211	0.000
30	181B	10.720	10.211	-0.509
30	191B	10.211	9.975	-0.237
50	181C	10.720	10.460	-0.260
50	191C	10.211	10.092	-0.120
100	181D	10.720	10.334	-0.386
100	191D	10.211	10.588	0.377
200	181E	10.720	9.975	-0.745
200	191E	10.211	10.092	-0.120
300	181F	10.720	10.092	-0.628
300	191F	10.211	9.975	-0.237
Max		10.720	10.720	0.377
Average		10.428	10.208	-0.220
Min		9.975	9.975	-0.745
Std Dev		0.288	0.249	0.300



IO_RESET/RXD0/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.975	9.975	10.092	10.334	9.975	9.975
Average	10.302	10.093	10.276	10.461	10.033	10.033
Max	10.720	10.211	10.460	10.588	10.092	10.092
UL	11.950	11.950	11.950	11.950	11.950	11.950

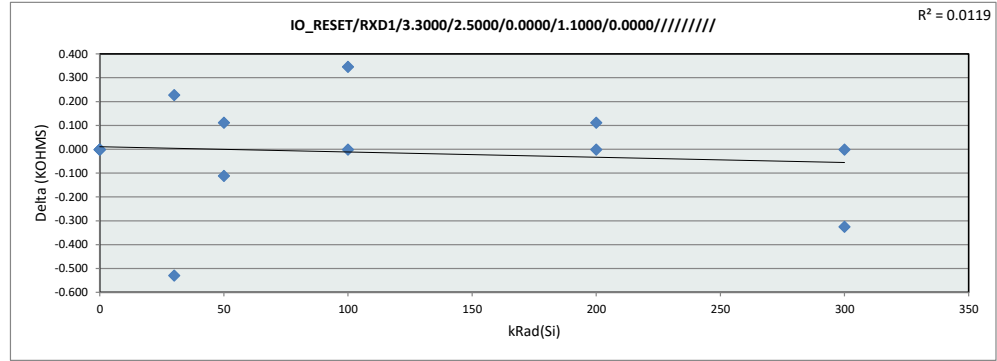


TID Report
DP83561-SP

IO_RESET/RXD1/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

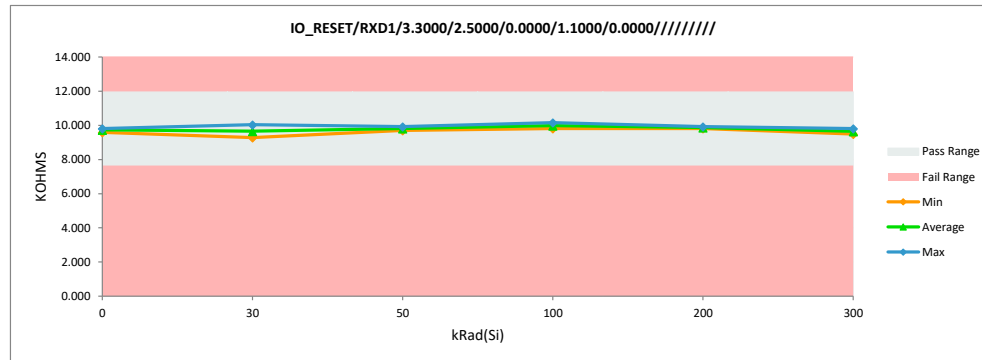
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.812	9.812	0.000
0	188A	9.593	9.593	0.000
0	191A	9.812	9.812	0.000
30	181B	9.812	9.283	-0.528
30	191B	9.812	10.040	0.229
50	181C	9.812	9.925	0.113
50	191C	9.812	9.701	-0.110
100	181D	9.812	9.812	0.000
100	191D	9.812	10.159	0.347
200	181E	9.812	9.812	0.000
200	191E	9.812	9.925	0.113
300	181F	9.812	9.812	0.000
300	191F	9.812	9.488	-0.324
Max		9.812	10.159	0.347
Average		9.795	9.782	-0.012
Min		9.593	9.283	-0.528
Std Dev		0.061	0.229	0.222



IO_RESET/RXD1/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.593	9.283	9.701	9.812	9.812	9.488
Average	9.739	9.662	9.813	9.985	9.868	9.650
Max	9.812	10.040	9.925	10.159	9.925	9.812
UL	11.950	11.950	11.950	11.950	11.950	11.950

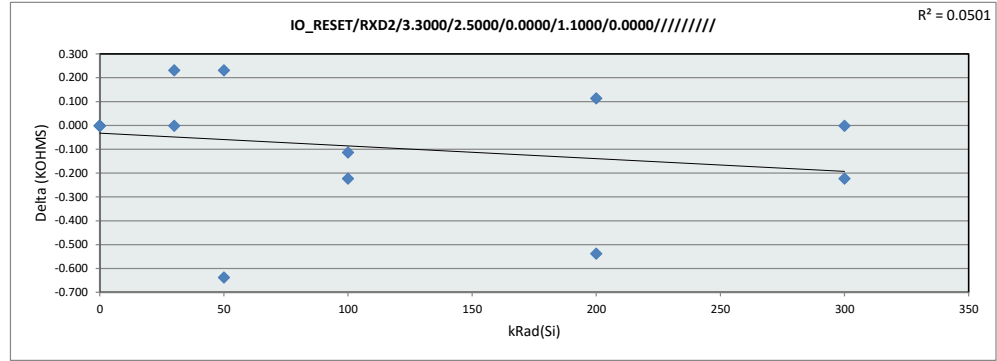


TID Report
DP83561-SP

IO_RESET/RXD2/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

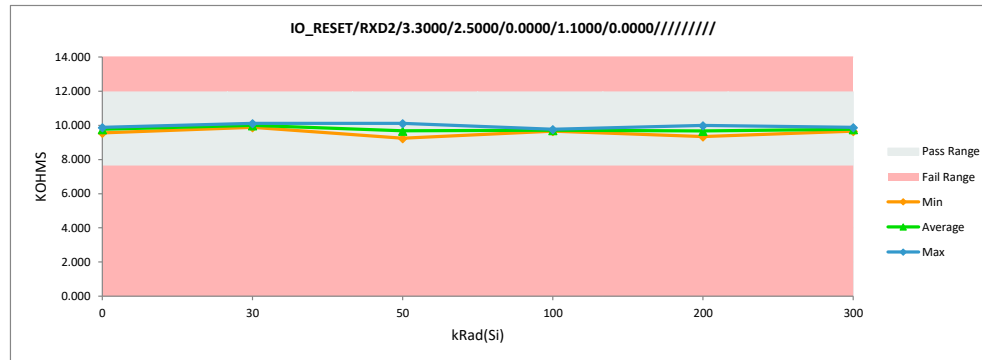
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.884	9.884	0.000
0	188A	9.555	9.555	0.000
0	191A	9.884	9.884	0.000
30	181B	9.884	10.116	0.232
30	191B	9.884	9.884	0.000
50	181C	9.884	9.247	-0.637
50	191C	9.884	10.116	0.232
100	181D	9.884	9.662	-0.222
100	191D	9.884	9.772	-0.112
200	181E	9.884	9.999	0.115
200	191E	9.884	9.348	-0.536
300	181F	9.884	9.662	-0.222
300	191F	9.884	9.884	0.000
Max		9.884	10.116	0.232
Average		9.859	9.770	-0.088
Min		9.555	9.247	-0.637
Std Dev		0.091	0.268	0.262



IO_RESET/RXD2/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.555	9.884	9.247	9.662	9.348	9.662
Average	9.774	10.000	9.682	9.717	9.673	9.773
Max	9.884	10.116	10.116	9.772	9.999	9.884
UL	11.950	11.950	11.950	11.950	11.950	11.950

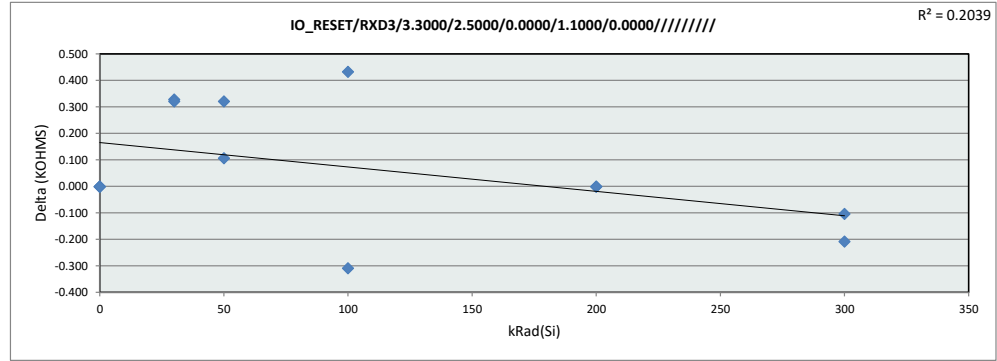


TID Report
DP83561-SP

IO_RESET/RXD3/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

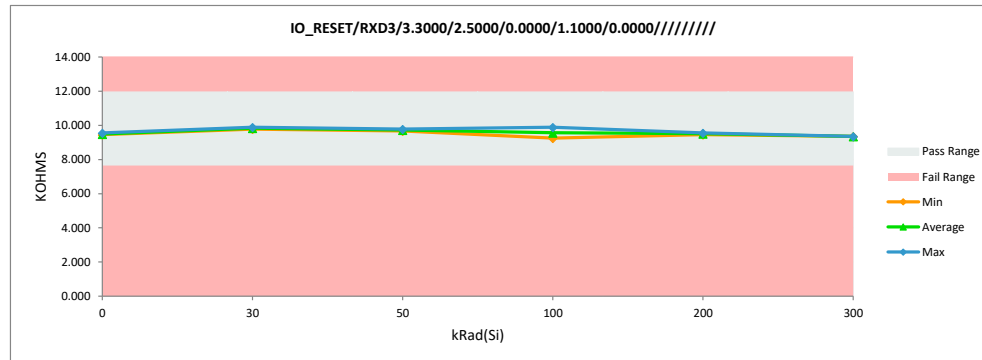
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.561	9.561	0.000
0	188A	9.456	9.456	0.000
0	191A	9.456	9.456	0.000
30	181B	9.561	9.890	0.329
30	191B	9.456	9.778	0.322
50	181C	9.561	9.668	0.107
50	191C	9.456	9.778	0.322
100	181D	9.561	9.253	-0.308
100	191D	9.456	9.890	0.434
200	181E	9.561	9.561	0.000
200	191E	9.456	9.456	0.000
300	181F	9.561	9.354	-0.207
300	191F	9.456	9.354	-0.103
Max		9.561	9.890	0.434
Average		9.505	9.574	0.069
Min		9.456	9.253	-0.308
Std Dev		0.054	0.211	0.224



IO_RESET/RXD3/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.456	9.778	9.668	9.253	9.456	9.354
Average	9.491	9.834	9.723	9.572	9.509	9.354
Max	9.561	9.890	9.778	9.890	9.561	9.354
UL	11.950	11.950	11.950	11.950	11.950	11.950

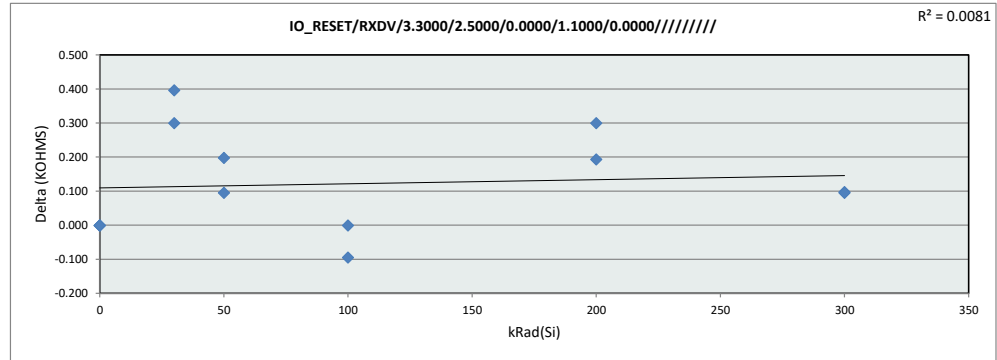


TID Report
DP83561-SP

IO_RESET/RXDV/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

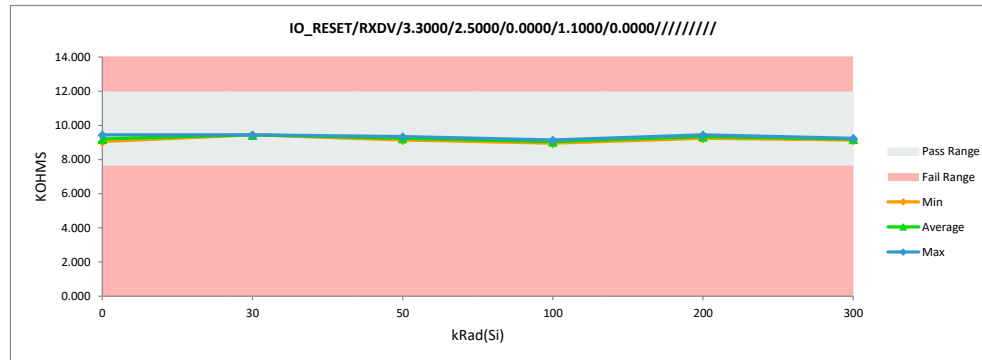
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.145	9.145	0.000
0	188A	9.446	9.446	0.000
0	191A	9.049	9.049	0.000
30	181B	9.145	9.446	0.301
30	191B	9.049	9.446	0.397
50	181C	9.145	9.343	0.198
50	191C	9.049	9.145	-0.096
100	181D	9.145	9.145	0.000
100	191D	9.049	8.955	-0.094
200	181E	9.145	9.446	0.301
200	191E	9.049	9.243	0.194
300	181F	9.145	9.243	0.098
300	191F	9.049	9.145	0.096
Max		9.446	9.446	0.397
Average		9.124	9.246	0.122
Min		9.049	8.955	-0.094
Std Dev		0.108	0.167	0.147



IO_RESET/RXDV/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

	0	30	50	100	200	300
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.049	9.446	9.145	8.955	9.243	9.145
Average	9.213	9.446	9.244	9.050	9.344	9.194
Max	9.446	9.446	9.343	9.145	9.446	9.243
UL	11.950	11.950	11.950	11.950	11.950	11.950

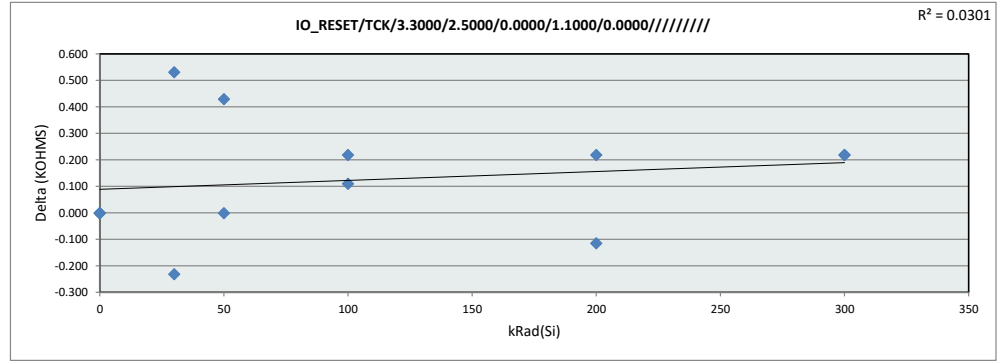


TID Report
DP83561-SP

IO_RESET/TCK/3.3000/2.5000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

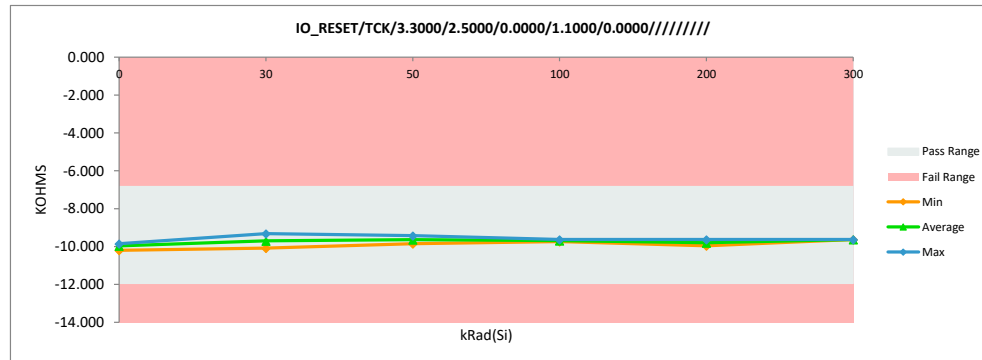
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.848	-9.848	0.000
0	188A	-10.198	-10.198	0.000
0	191A	-9.848	-9.848	0.000
30	181B	-9.848	-9.316	0.532
30	191B	-9.848	-10.079	-0.230
50	181C	-9.848	-9.418	0.430
50	191C	-9.848	-9.848	0.000
100	181D	-9.848	-9.628	0.220
100	191D	-9.848	-9.737	0.111
200	181E	-9.848	-9.962	-0.114
200	191E	-9.848	-9.628	0.220
300	181F	-9.848	-9.628	0.220
300	191F	-9.848	-9.628	0.220
Max		-9.848	-9.316	0.532
Average		-9.875	-9.751	0.124
Min		-10.198	-10.198	-0.230
Std Dev		0.097	0.248	0.212



IO_RESET/TCK/3.3000/2.5000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.198	-10.079	-9.848	-9.737	-9.962	-9.628
Average	-9.965	-9.697	-9.633	-9.683	-9.795	-9.628
Max	-9.848	-9.316	-9.418	-9.628	-9.628	-9.628
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

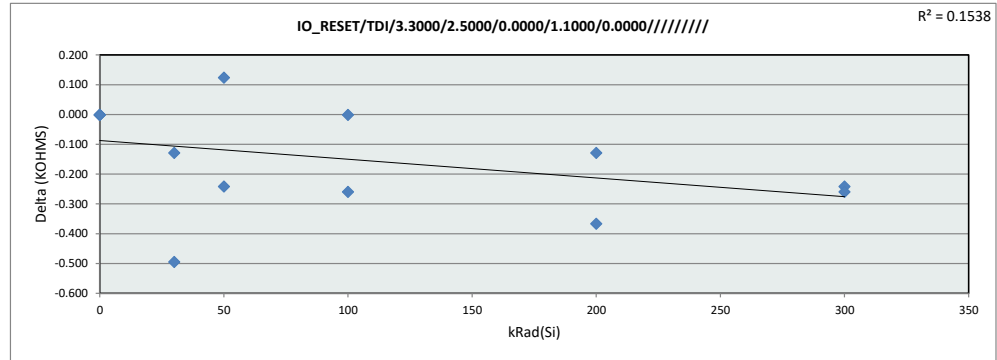


TID Report
DP83561-SP

IO_RESET/TDI /3.3000/2.5000/0.0000/1.1000/0.0000////////

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

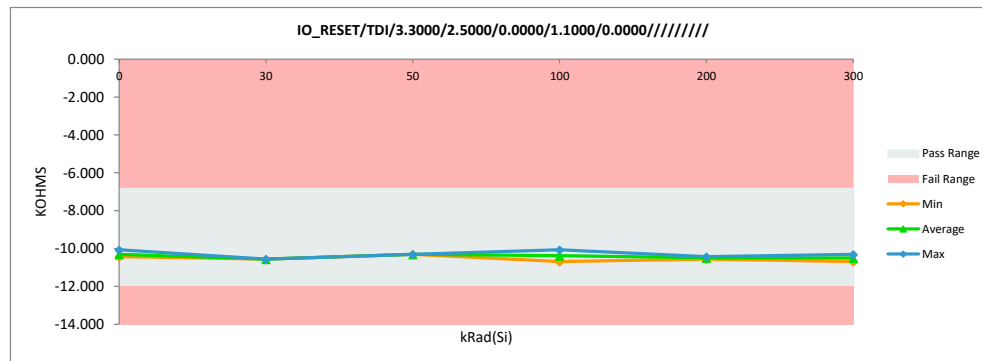
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.062	-10.062	0.000
0	188A	-10.428	-10.428	0.000
0	191A	-10.428	-10.428	0.000
30	181B	-10.062	-10.556	-0.493
30	191B	-10.428	-10.556	-0.128
50	181C	-10.062	-10.303	-0.241
50	191C	-10.428	-10.303	0.125
100	181D	-10.062	-10.062	0.000
100	191D	-10.428	-10.687	-0.259
200	181E	-10.062	-10.428	-0.366
200	191E	-10.428	-10.556	-0.128
300	181F	-10.062	-10.303	-0.241
300	191F	-10.428	-10.687	-0.259
Max		-10.062	-10.062	0.125
Average		-10.259	-10.412	-0.153
Min		-10.428	-10.687	-0.493
Std Dev		0.190	0.203	0.176



IO_RESET/TDI /3.3000/2.5000/0.0000/1.1000/0.0000////////

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.800000323 KOHMS
Min Limit	-11.95000057 KOHMS

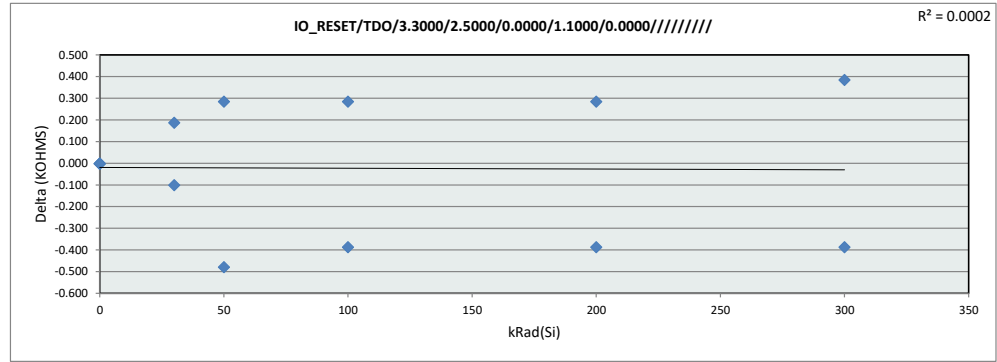
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.428	-10.556	-10.303	-10.687	-10.556	-10.687
Average	-10.306	-10.556	-10.303	-10.374	-10.492	-10.495
Max	-10.062	-10.556	-10.303	-10.062	-10.428	-10.303
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



TID Report
DP83561-SP

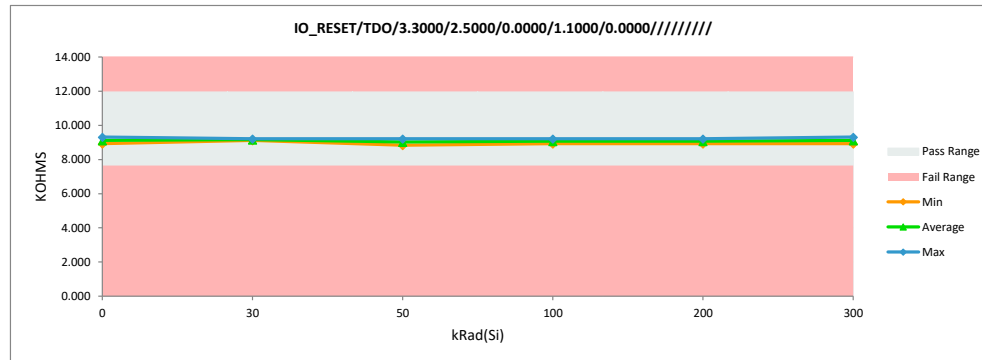
IO_RESET/TDO/3.3000/2.5000/0.0000/1.1000/0.0000////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.316	9.316	0.000
0	188A	9.119	9.119	0.000
0	191A	8.930	8.930	0.000
30	181B	9.316	9.216	-0.100
30	191B	8.930	9.119	0.189
50	181C	9.316	8.838	-0.477
50	191C	8.930	9.216	0.286
100	181D	9.316	8.930	-0.386
100	191D	8.930	9.216	0.286
200	181E	9.316	8.930	-0.386
200	191E	8.930	9.216	0.286
300	181F	9.316	8.930	-0.386
300	191F	8.930	9.316	0.386
Max		9.316	9.316	0.386
Average		9.123	9.099	-0.023
Min		8.930	8.838	-0.477
Std Dev		0.193	0.166	0.304



IO_RESET/TDO/3.3000/2.5000/0.0000/1.1000/0.0000////////		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	8.930	9.119	8.838	8.930	8.930	8.930
Average	9.122	9.168	9.027	9.073	9.073	9.123
Max	9.316	9.216	9.216	9.216	9.216	9.316
UL	11.950	11.950	11.950	11.950	11.950	11.950

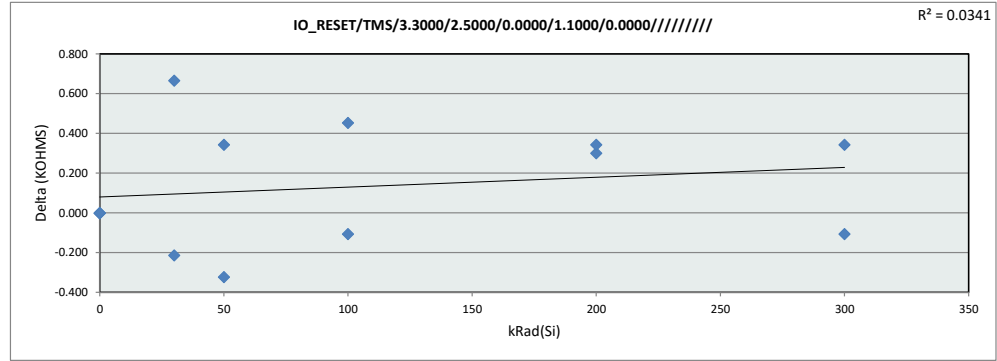


TID Report
DP83561-SP

IO_RESET/TMS/3.3000/2.5000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

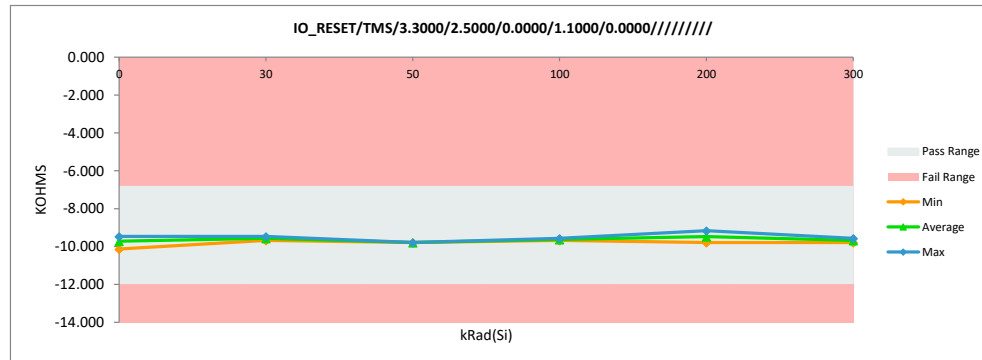
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.463	-9.463	0.000
0	188A	-9.568	-9.568	0.000
0	191A	-10.129	-10.129	0.000
30	181B	-9.463	-9.675	-0.212
30	191B	-10.129	-9.463	0.667
50	181C	-9.463	-9.785	-0.322
50	191C	-10.129	-9.785	0.345
100	181D	-9.463	-9.568	-0.105
100	191D	-10.129	-9.675	0.454
200	181E	-9.463	-9.161	0.301
200	191E	-10.129	-9.785	0.345
300	181F	-9.463	-9.568	-0.105
300	191F	-10.129	-9.785	0.345
Max		-9.463	-9.161	0.667
Average		-9.778	-9.647	0.132
Min		-10.129	-10.129	-0.322
Std Dev		0.339	0.230	0.295



IO_RESET/TMS/3.3000/2.5000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.129	-9.675	-9.785	-9.675	-9.785	-9.785
Average	-9.720	-9.569	-9.785	-9.621	-9.473	-9.676
Max	-9.463	-9.463	-9.785	-9.568	-9.161	-9.568
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

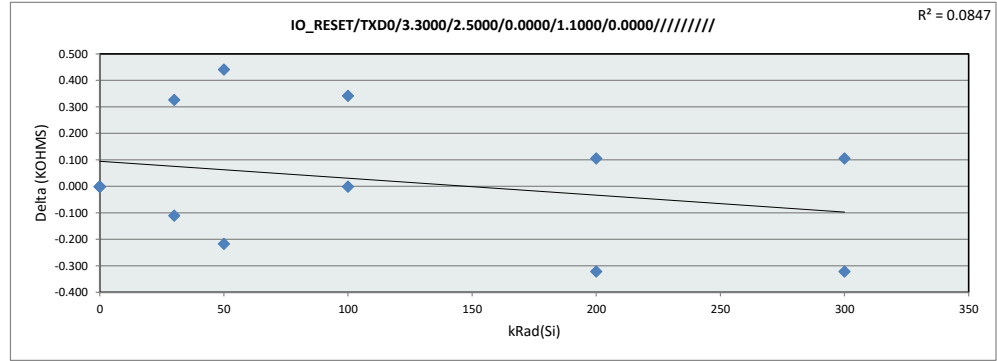


TID Report
DP83561-SP

IO_RESET/TXDO/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

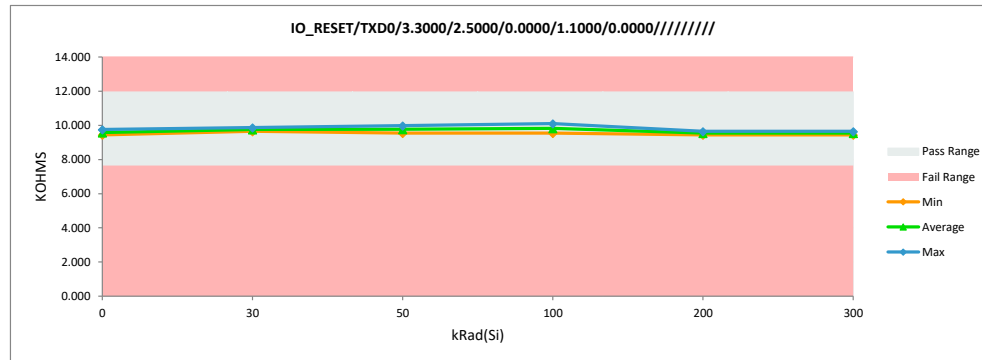
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.761	9.761	0.000
0	188A	9.441	9.441	0.000
0	191A	9.545	9.545	0.000
30	181B	9.761	9.652	-0.109
30	191B	9.545	9.873	0.328
50	181C	9.761	9.545	-0.216
50	191C	9.545	9.987	0.442
100	181D	9.761	10.104	0.343
100	191D	9.545	9.545	0.000
200	181E	9.761	9.441	-0.321
200	191E	9.545	9.652	0.107
300	181F	9.761	9.441	-0.321
300	191F	9.545	9.652	0.107
Max		9.761	10.104	0.442
Average		9.637	9.665	0.028
Min		9.441	9.441	-0.321
Std Dev		0.123	0.213	0.241



IO_RESET/TXDO/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

	0	30	50	100	200	300
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.441	9.652	9.545	9.545	9.441	9.441
Average	9.582	9.763	9.766	9.825	9.546	9.546
Max	9.761	9.873	9.987	10.104	9.652	9.652
UL	11.950	11.950	11.950	11.950	11.950	11.950

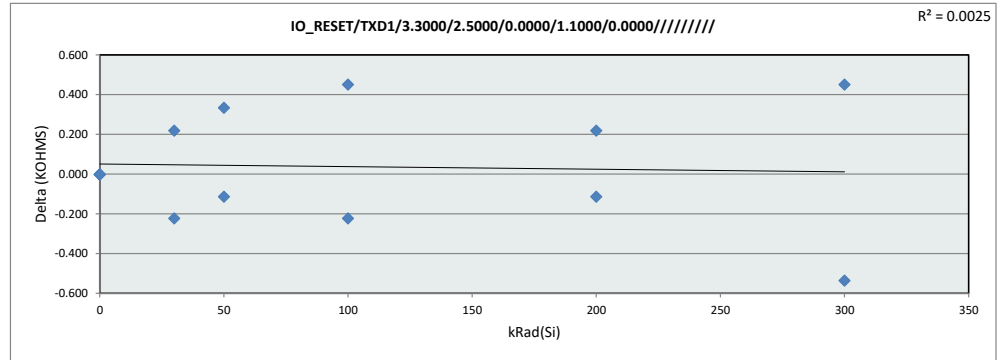


TID Report
DP83561-SP

IO_RESET/TXD1/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

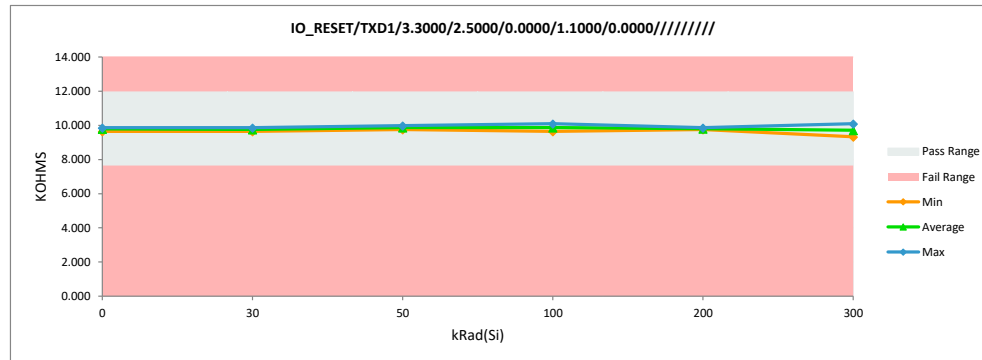
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.866	9.866	0.000
0	188A	9.866	9.866	0.000
0	191A	9.645	9.645	0.000
30	181B	9.866	9.645	-0.221
30	191B	9.645	9.866	0.221
50	181C	9.866	9.754	-0.112
50	191C	9.645	9.980	0.335
100	181D	9.866	9.645	-0.221
100	191D	9.645	10.097	0.452
200	181E	9.866	9.754	-0.112
200	191E	9.645	9.866	0.221
300	181F	9.866	9.331	-0.534
300	191F	9.645	10.097	0.452
Max		9.866	10.097	0.452
Average		9.764	9.801	0.037
Min		9.645	9.331	-0.534
Std Dev		0.115	0.209	0.290



IO_RESET/TXD1/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

	0	30	50	100	200	300
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.645	9.645	9.754	9.645	9.754	9.331
Average	9.792	9.755	9.867	9.871	9.810	9.714
Max	9.866	9.866	9.980	10.097	9.866	10.097
UL	11.950	11.950	11.950	11.950	11.950	11.950

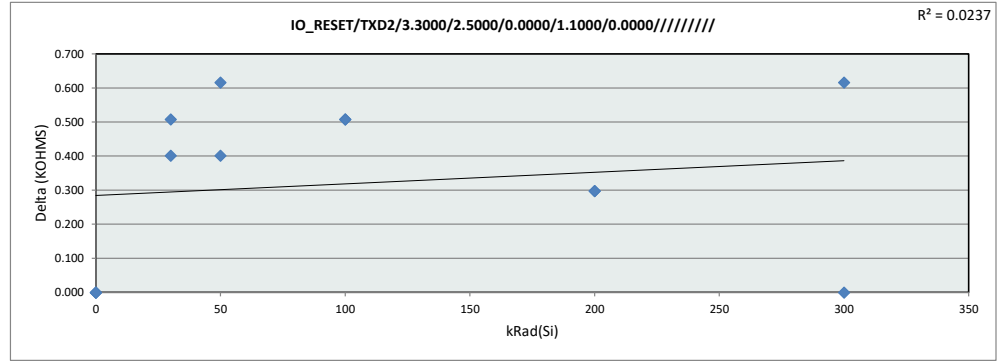


TID Report
DP83561-SP

IO_RESET/TXD2/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

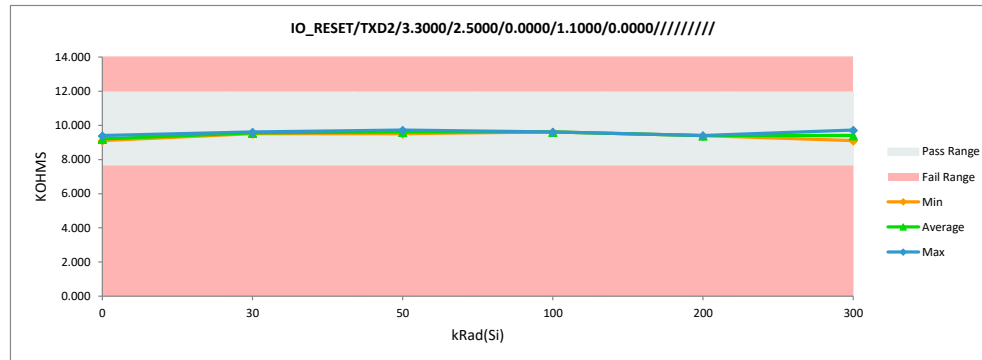
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.107	9.107	0.000
0	188A	9.405	9.405	0.000
0	191A	9.107	9.107	0.000
30	181B	9.107	9.615	0.508
30	191B	9.107	9.509	0.402
50	181C	9.107	9.509	0.402
50	191C	9.107	9.724	0.617
100	181D	9.107	9.615	0.508
100	191D	9.107	9.615	0.508
200	181E	9.107	9.405	0.298
200	191E	9.107	9.405	0.298
300	181F	9.107	9.107	0.000
300	191F	9.107	9.724	0.617
Max		9.405	9.724	0.617
Average		9.130	9.450	0.320
Min		9.107	9.107	0.000
Std Dev		0.083	0.223	0.243



IO_RESET/TXD2/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.107	9.509	9.509	9.615	9.405	9.107
Average	9.207	9.562	9.617	9.615	9.405	9.415
Max	9.405	9.615	9.724	9.615	9.405	9.724
UL	11.950	11.950	11.950	11.950	11.950	11.950

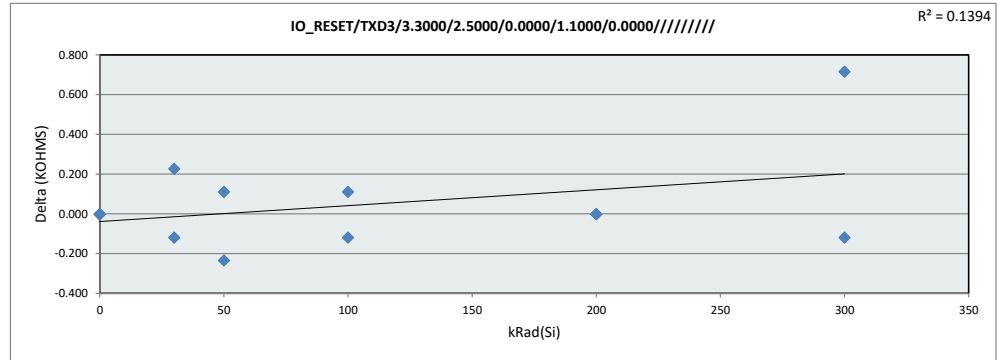


TID Report
DP83561-SP

IO_RESET/TXD3/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

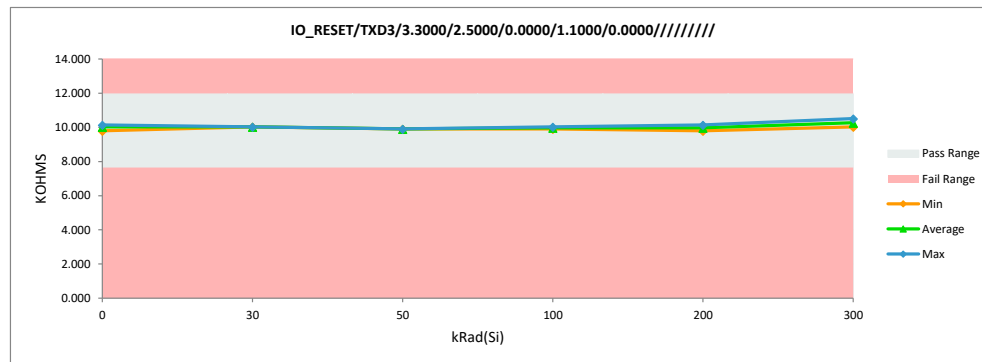
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.798	9.798	0.000
0	188A	10.144	10.144	0.000
0	191A	10.144	10.144	0.000
30	181B	9.798	10.026	0.228
30	191B	10.144	10.026	-0.118
50	181C	9.798	9.911	0.113
50	191C	10.144	9.911	-0.233
100	181D	9.798	9.911	0.113
100	191D	10.144	10.026	-0.118
200	181E	9.798	9.798	0.000
200	191E	10.144	10.144	0.000
300	181F	9.798	10.515	0.717
300	191F	10.144	10.026	-0.118
Max		10.144	10.515	0.717
Average		9.984	10.029	0.045
Min		9.798	9.798	-0.233
Std Dev		0.179	0.188	0.235



IO_RESET/TXD3/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

	0	30	50	100	200	300
kRad(Si)						
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.798	10.026	9.911	9.911	9.798	10.026
Average	10.029	10.026	9.911	9.968	9.971	10.271
Max	10.144	10.026	9.911	10.026	10.144	10.515
UL	11.950	11.950	11.950	11.950	11.950	11.950

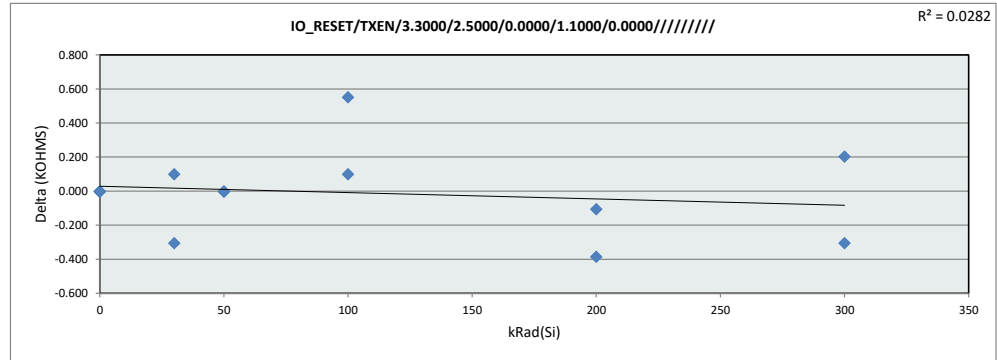


TID Report
DP83561-SP

IO_RESET/TXEN/3.3000/2.5000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

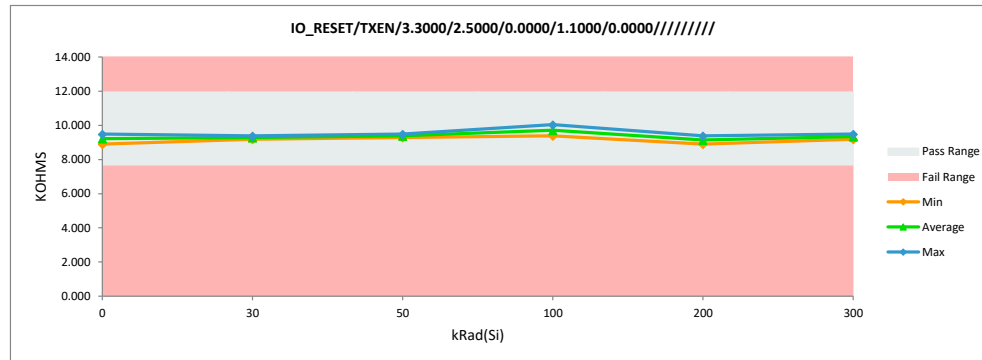
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.285	9.285	0.000
0	188A	8.902	8.902	0.000
0	191A	9.490	9.490	0.000
30	181B	9.285	9.387	0.101
30	191B	9.490	9.186	-0.304
50	181C	9.285	9.285	0.000
50	191C	9.490	9.490	0.000
100	181D	9.285	9.387	0.101
100	191D	9.490	10.043	0.553
200	181E	9.285	8.902	-0.384
200	191E	9.490	9.387	-0.103
300	181F	9.285	9.490	0.205
300	191F	9.490	9.186	-0.304
Max		9.490	10.043	0.553
Average		9.350	9.340	-0.010
Min		8.902	8.902	-0.384
Std Dev		0.169	0.290	0.243



IO_RESET/TXEN/3.3000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	8.902	9.186	9.285	9.387	8.902	9.186
Average	9.226	9.286	9.388	9.715	9.144	9.338
Max	9.490	9.387	9.490	10.043	9.387	9.490
UL	11.950	11.950	11.950	11.950	11.950	11.950

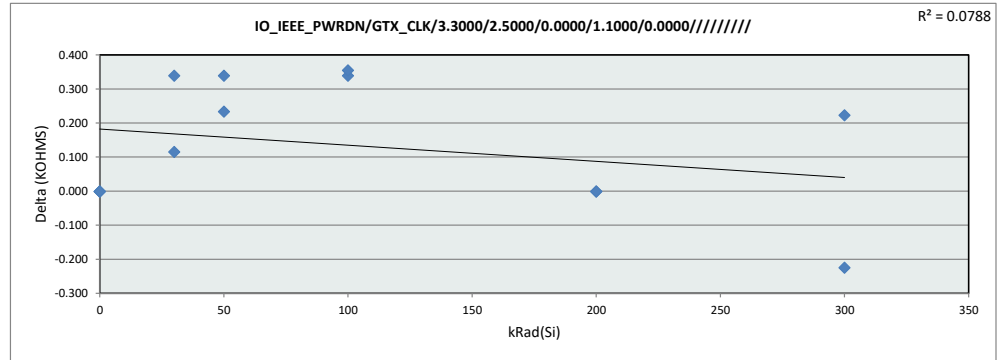


TID Report
DP83561-SP

IO_IEEE_PWRDN/GTX_CLK/3.30

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

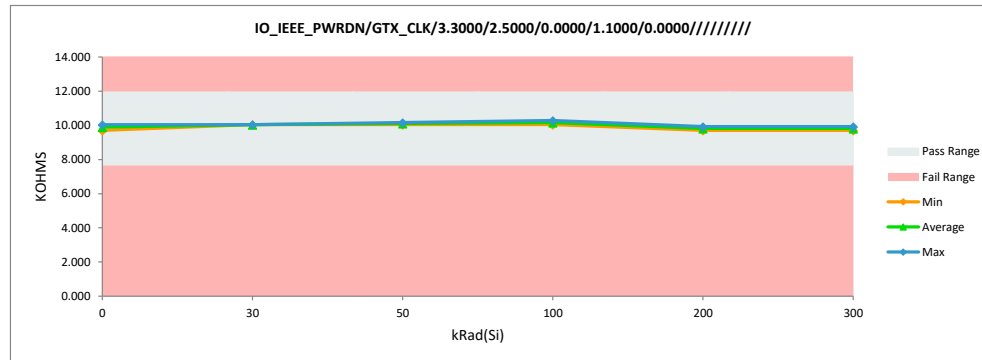
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.706	9.706	0.000
0	188A	10.046	10.046	0.000
0	191A	9.930	9.930	0.000
30	181B	9.706	10.046	0.340
30	191B	9.930	10.046	0.116
50	181C	9.706	10.046	0.340
50	191C	9.930	10.164	0.234
100	181D	9.706	10.046	0.340
100	191D	9.930	10.286	0.356
200	181E	9.706	9.706	0.000
200	191E	9.930	9.930	0.000
300	181F	9.706	9.930	0.224
300	191F	9.930	9.706	-0.224
Max		10.046	10.286	0.356
Average		9.835	9.968	0.133
Min		9.706	9.706	-0.224
Std Dev		0.129	0.178	0.185



IO_IEEE_PWRDN/GTX_CLK/3.30

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

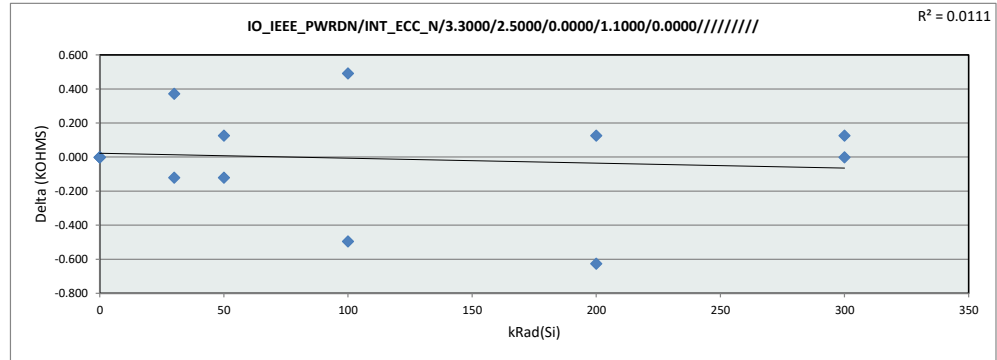
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.706	10.046	10.046	10.046	9.706	9.706
Average	9.894	10.046	10.105	10.166	9.818	9.818
Max	10.046	10.046	10.164	10.286	9.930	9.930
UL	11.950	11.950	11.950	11.950	11.950	11.950



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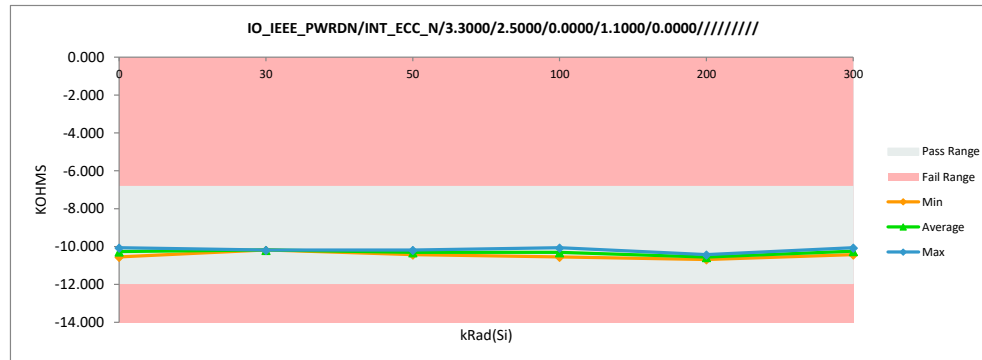
	IO_1EEE_PWRDN/INT_ECC_N/3	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.552	-10.552	0.000
0	188A	-10.179	-10.179	0.000
0	191A	-10.060	-10.060	0.000
30	181B	-10.552	-10.179	0.374
30	191B	-10.060	-10.179	-0.119
50	181C	-10.552	-10.425	0.128
50	191C	-10.060	-10.179	-0.119
100	181D	-10.552	-10.060	0.493
100	191D	-10.060	-10.552	-0.493
200	181E	-10.552	-10.425	0.128
200	191E	-10.060	-10.683	-0.624
300	181F	-10.552	-10.425	0.128
300	191F	-10.060	-10.060	0.000
Max		-10.060	-10.060	0.493
Average		-10.296	-10.304	-0.008
Min		-10.552	-10.683	-0.624
Std Dev		0.249	0.215	0.301



	IO_1EEE_PWRDN/INT_ECC_N/3	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

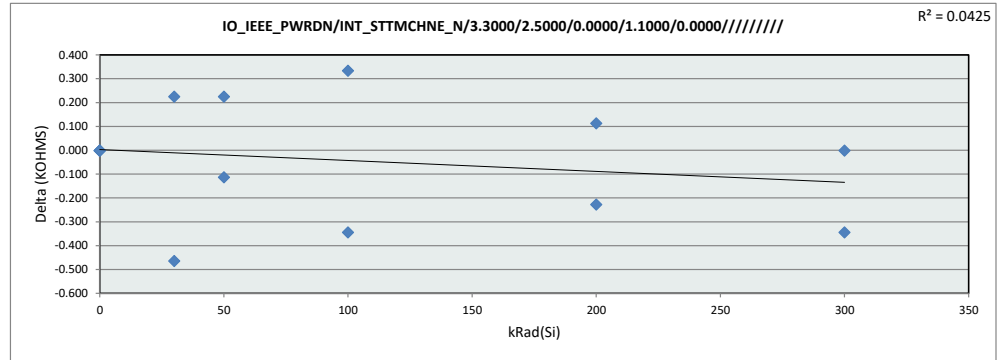
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.552	-10.179	-10.425	-10.552	-10.683	-10.425
Average	-10.264	-10.179	-10.302	-10.306	-10.554	-10.242
Max	-10.060	-10.179	-10.179	-10.060	-10.425	-10.060
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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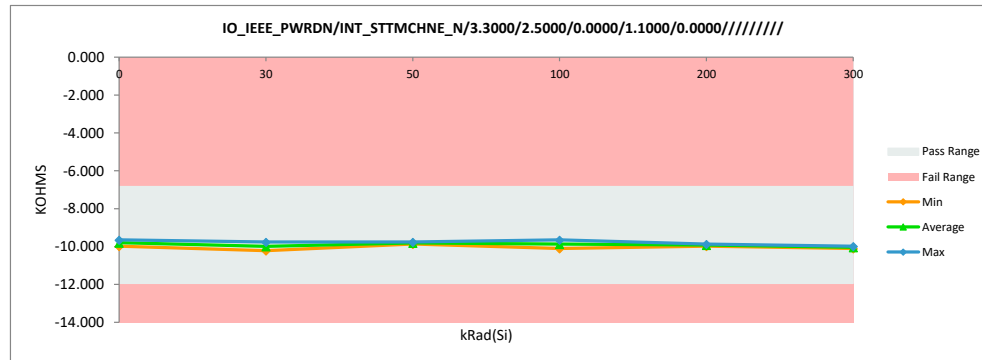
	IO_IEEE_PWRDN/INT_STTMCHN	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.980	-9.980	0.000
0	188A	-9.645	-9.645	0.000
0	191A	-9.754	-9.754	0.000
30	181B	-9.980	-9.754	0.226
30	191B	-9.754	-10.217	-0.463
50	181C	-9.980	-9.754	0.226
50	191C	-9.754	-9.866	-0.112
100	181D	-9.980	-9.645	0.335
100	191D	-9.754	-10.097	-0.343
200	181E	-9.980	-9.866	0.114
200	191E	-9.754	-9.980	-0.226
300	181F	-9.980	-9.980	0.000
300	191F	-9.754	-10.097	-0.343
Max		-9.645	-9.645	0.335
Average		-9.850	-9.895	-0.045
Min		-9.980	-10.217	-0.463
Std Dev		0.129	0.181	0.244



	IO_IEEE_PWRDN/INT_STTMCHN	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

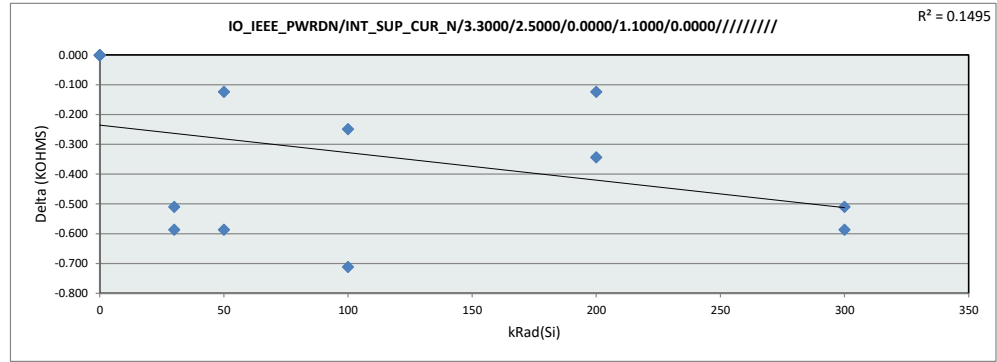
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.980	-10.217	-9.866	-10.097	-9.980	-10.097
Average	-9.793	-9.986	-9.810	-9.871	-9.923	-10.039
Max	-9.645	-9.754	-9.754	-9.645	-9.866	-9.980
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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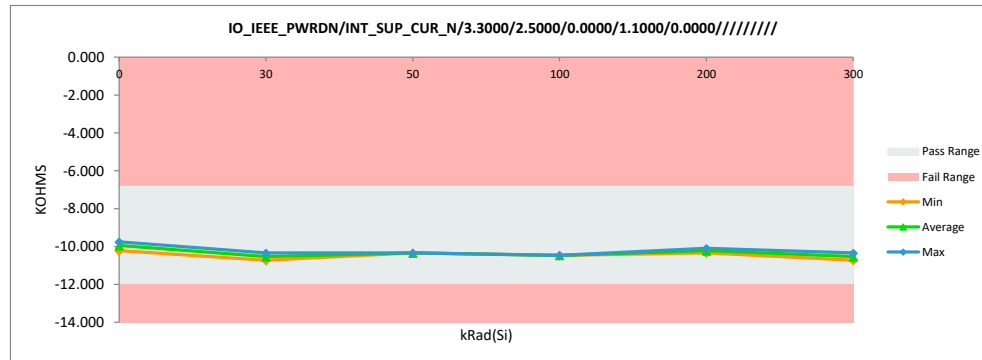
	IO_IEEE_PWRDN/INT_SUP_CUR	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.751	-9.751	0.000
0	188A	-9.863	-9.863	0.000
0	191A	-10.213	-10.213	0.000
30	181B	-9.751	-10.336	-0.585
30	191B	-10.213	-10.722	-0.509
50	181C	-9.751	-10.336	-0.585
50	191C	-10.213	-10.336	-0.123
100	181D	-9.751	-10.462	-0.711
100	191D	-10.213	-10.462	-0.248
200	181E	-9.751	-10.094	-0.343
200	191E	-10.213	-10.336	-0.123
300	181F	-9.751	-10.336	-0.585
300	191F	-10.213	-10.722	-0.509
Max		-9.751	-9.751	0.000
Average		-9.973	-10.305	-0.332
Min		-10.213	-10.722	-0.711
Std Dev		0.234	0.282	0.262



	IO_IEEE_PWRDN/INT_SUP_CUR	
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.213	-10.722	-10.336	-10.462	-10.336	-10.722
Average	-9.942	-10.529	-10.336	-10.462	-10.215	-10.529
Max	-9.751	-10.336	-10.336	-10.462	-10.094	-10.336
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

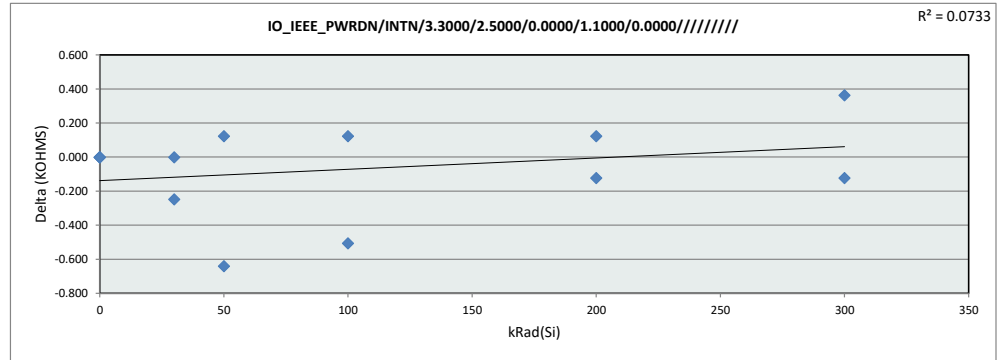


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IO_IEEE_PWRDN/INTN/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

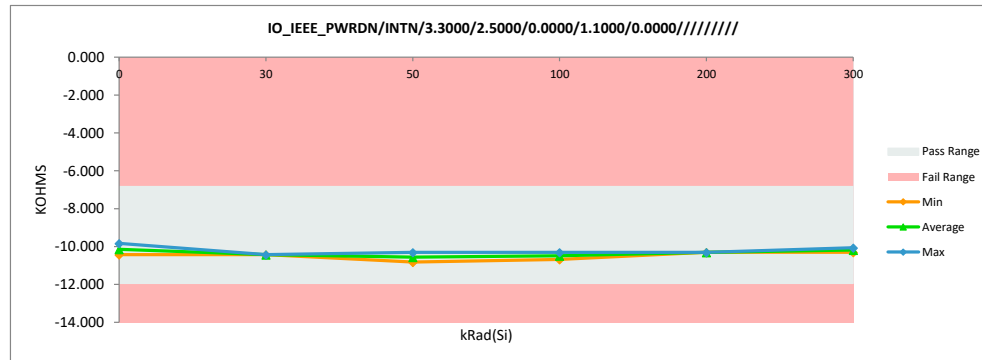
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.425	-10.425	0.000
0	188A	-9.830	-9.830	0.000
0	191A	-10.179	-10.179	0.000
30	181B	-10.425	-10.425	0.000
30	191B	-10.179	-10.425	-0.246
50	181C	-10.425	-10.300	0.125
50	191C	-10.179	-10.817	-0.638
100	181D	-10.425	-10.300	0.125
100	191D	-10.179	-10.683	-0.504
200	181E	-10.425	-10.300	0.125
200	191E	-10.179	-10.300	-0.122
300	181F	-10.425	-10.060	0.365
300	191F	-10.179	-10.300	-0.122
Max		-9.830	-9.830	0.365
Average		-10.265	-10.334	-0.069
Min		-10.425	-10.817	-0.638
Std Dev		0.180	0.248	0.269



IO_IEEE_PWRDN/INTN/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

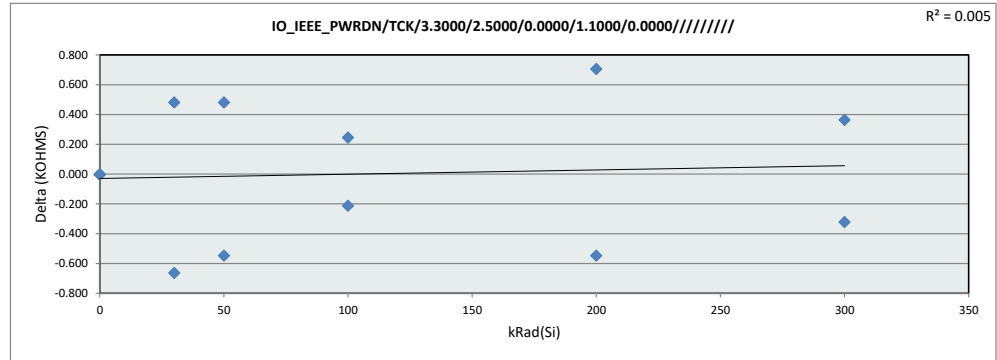
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.425	-10.425	-10.817	-10.683	-10.300	-10.300
Average	-10.145	-10.425	-10.559	-10.492	-10.300	-10.180
Max	-9.830	-10.425	-10.300	-10.300	-10.300	-10.060
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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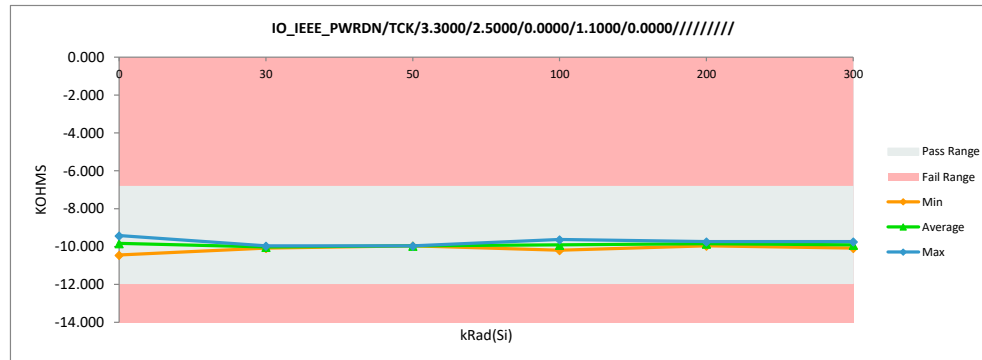
IO_IEEE_PWRDN/TCK/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.418	-9.418	0.000
0	188A	-9.628	-9.628	0.000
0	191A	-10.445	-10.445	0.000
30	181B	-9.418	-10.079	-0.661
30	191B	-10.445	-9.962	0.483
50	181C	-9.418	-9.962	-0.544
50	191C	-10.445	-9.962	0.483
100	181D	-9.418	-9.628	-0.210
100	191D	-10.445	-10.198	0.247
200	181E	-9.418	-9.962	-0.544
200	191E	-10.445	-9.737	0.708
300	181F	-9.418	-9.737	-0.319
300	191F	-10.445	-10.079	0.366
Max		-9.418	-9.418	0.708
Average		-9.908	-9.907	0.001
Min		-10.445	-10.445	-0.661
Std Dev		0.520	0.274	0.441



IO_IEEE_PWRDN/TCK/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.800000323	KOHMS
Min Limit	-11.95000057	KOHMS

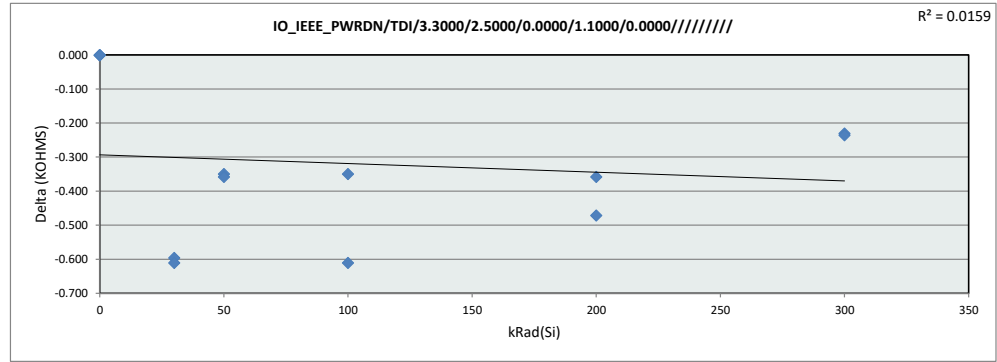
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.445	-10.079	-9.962	-10.198	-9.962	-10.079
Average	-9.830	-10.020	-9.962	-9.913	-9.849	-9.908
Max	-9.418	-9.962	-9.962	-9.628	-9.737	-9.737
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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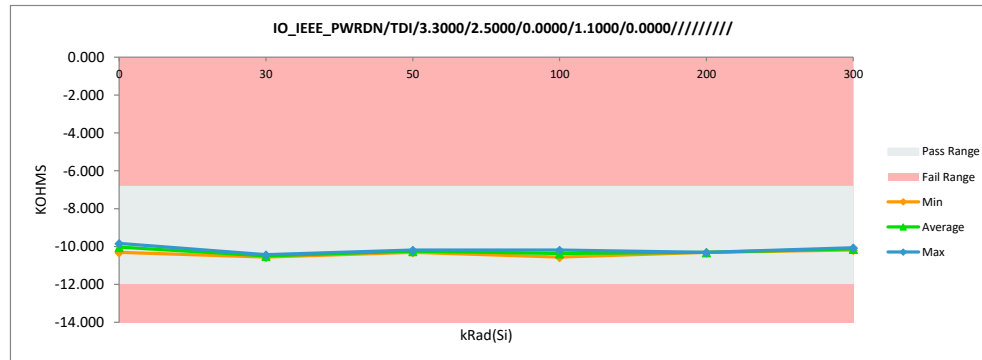
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Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.800000323	-6.800000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.832	-9.832	0.000
0	188A	-10.303	-10.303	0.000
0	191A	-9.946	-9.946	0.000
30	181B	-9.832	-10.428	-0.595
30	191B	-9.946	-10.556	-0.610
50	181C	-9.832	-10.181	-0.349
50	191C	-9.946	-10.303	-0.357
100	181D	-9.832	-10.181	-0.349
100	191D	-9.946	-10.556	-0.610
200	181E	-9.832	-10.303	-0.471
200	191E	-9.946	-10.303	-0.357
300	181F	-9.832	-10.062	-0.230
300	191F	-9.946	-10.181	-0.235
	Max	-9.832	-9.832	0.000
	Average	-9.921	-10.241	-0.320
	Min	-10.303	-10.556	-0.610
	Std Dev	0.128	0.213	0.222



		IO_IEEE_PWRDN/TDI/3.3000/2	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.800000323	KOHMS
Min Limit		-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.303	-10.556	-10.303	-10.556	-10.303	-10.181
Average	-10.027	-10.492	-10.242	-10.368	-10.303	-10.122
Max	-9.832	-10.428	-10.181	-10.181	-10.303	-10.062
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

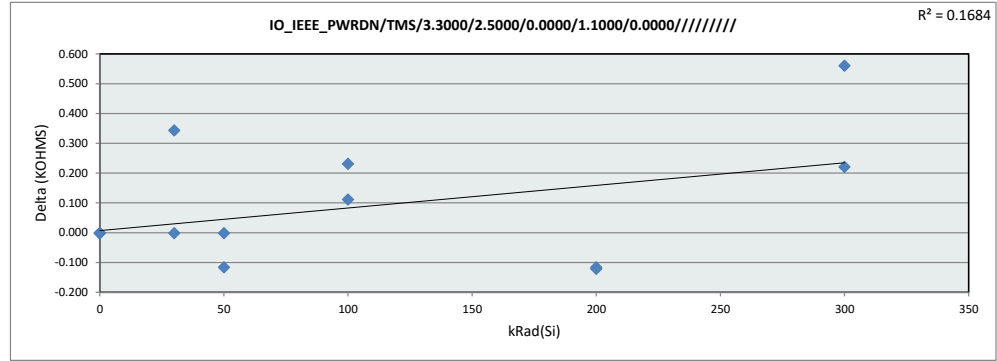


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IO_IEEE_PWRDN/TMS/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

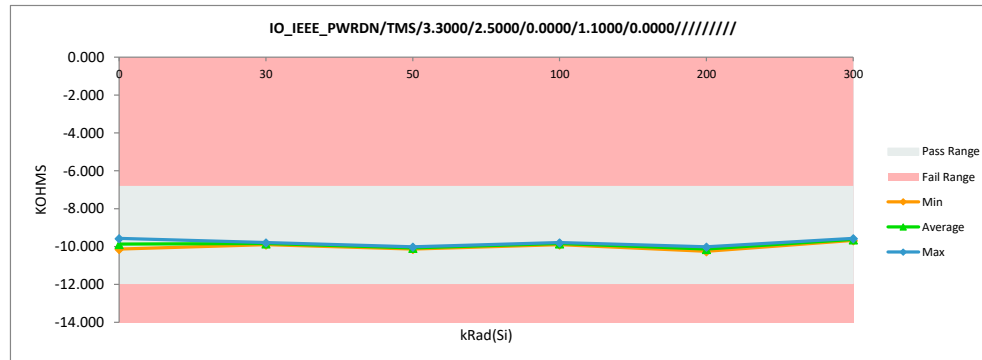
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.897	-9.897	0.000
0	188A	-9.568	-9.568	0.000
0	191A	-10.129	-10.129	0.000
30	181B	-9.897	-9.897	0.000
30	191B	-10.129	-9.785	0.345
50	181C	-9.897	-10.012	-0.115
50	191C	-10.129	-10.129	0.000
100	181D	-9.897	-9.785	0.112
100	191D	-10.129	-9.897	0.232
200	181E	-9.897	-10.012	-0.115
200	191E	-10.129	-10.249	-0.120
300	181F	-9.897	-9.675	0.222
300	191F	-10.129	-9.568	0.562
Max		-9.568	-9.568	0.562
Average		-9.979	-9.892	0.086
Min		-10.129	-10.249	-0.120
Std Dev		0.170	0.214	0.203



IO_IEEE_PWRDN/TMS/3.3000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

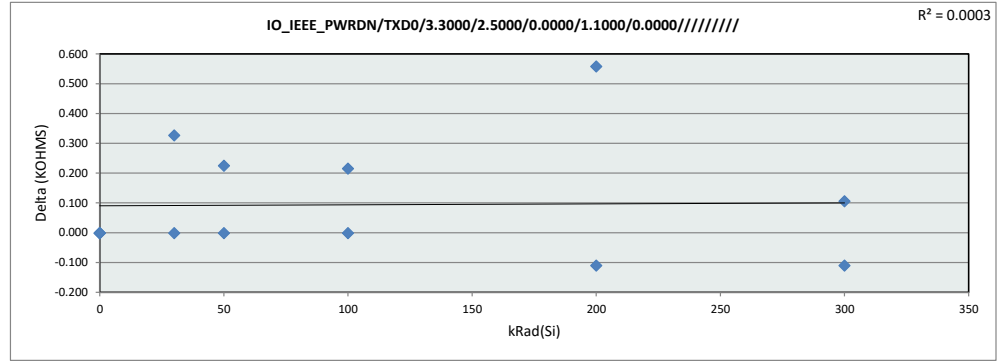
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.129	-9.897	-10.129	-9.897	-10.249	-9.675
Average	-9.864	-9.841	-10.070	-9.841	-10.130	-9.621
Max	-9.568	-9.785	-10.012	-9.785	-10.012	-9.568
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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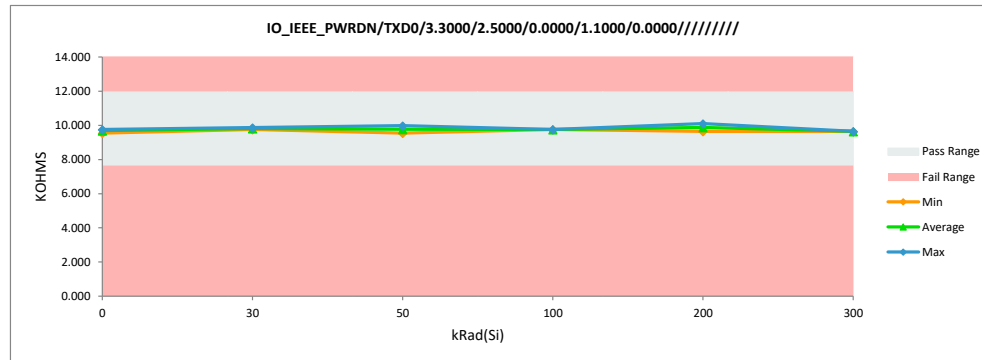
IO_IEEE_PWRDN/TXD0/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.761	9.761	0.000
0	188A	9.761	9.761	0.000
0	191A	9.545	9.545	0.000
30	181B	9.761	9.761	0.000
30	191B	9.545	9.873	0.328
50	181C	9.761	9.987	0.226
50	191C	9.545	9.545	0.000
100	181D	9.761	9.761	0.000
100	191D	9.545	9.761	0.216
200	181E	9.761	9.652	-0.109
200	191E	9.545	10.104	0.559
300	181F	9.761	9.652	-0.109
300	191F	9.545	9.652	0.107
Max		9.761	10.104	0.559
Average		9.662	9.755	0.094
Min		9.545	9.545	-0.109
Std Dev		0.112	0.161	0.191



IO_IEEE_PWRDN/TXD0/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.545	9.761	9.545	9.761	9.652	9.652
Average	9.689	9.817	9.766	9.761	9.878	9.652
Max	9.761	9.873	9.987	9.761	10.104	9.652
UL	11.950	11.950	11.950	11.950	11.950	11.950

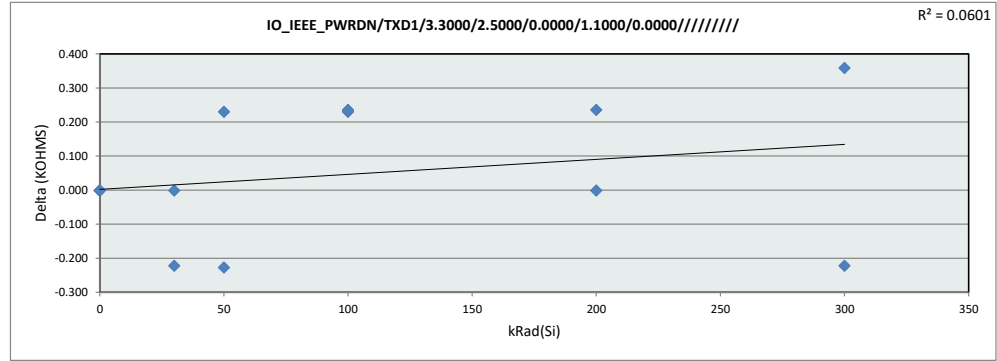


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IO_IEEE_PWRDN/TXD1/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

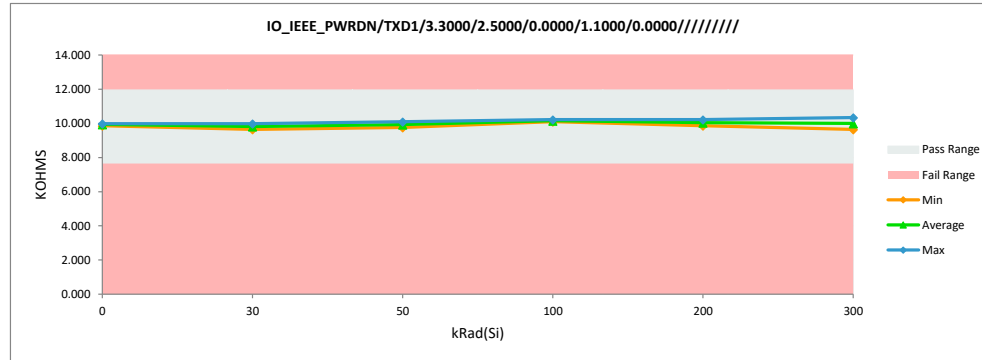
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.866	9.866	0.000
0	188A	9.980	9.980	0.000
0	191A	9.980	9.980	0.000
30	181B	9.866	9.645	-0.221
30	191B	9.980	9.980	0.000
50	181C	9.866	10.097	0.231
50	191C	9.980	9.754	-0.226
100	181D	9.866	10.097	0.231
100	191D	9.980	10.217	0.237
200	181E	9.866	9.866	0.000
200	191E	9.980	10.217	0.237
300	181F	9.866	9.645	-0.221
300	191F	9.980	10.339	0.359
Max		9.980	10.339	0.359
Average		9.927	9.976	0.048
Min		9.866	9.645	-0.226
Std Dev		0.059	0.218	0.197



IO_IEEE_PWRDN/TXD1/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.866	9.645	9.754	10.097	9.866	9.645
Average	9.942	9.812	9.926	10.157	10.041	9.992
Max	9.980	9.980	10.097	10.217	10.217	10.339
UL	11.950	11.950	11.950	11.950	11.950	11.950

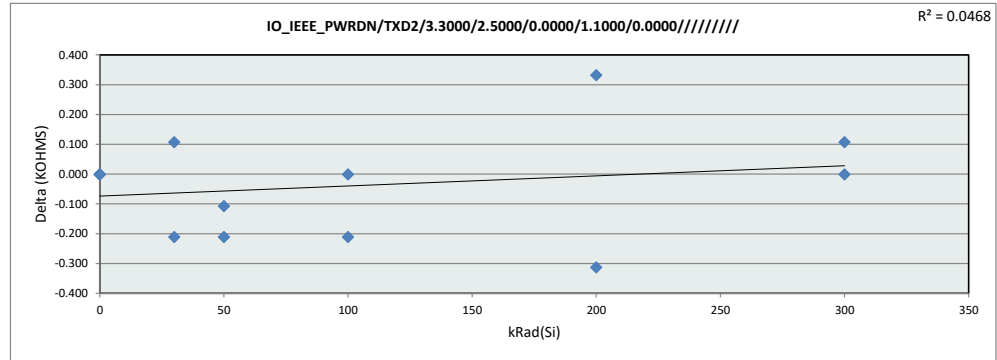


TID Report
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IO_IEEE_PWRDN/TXD2/3.3000/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

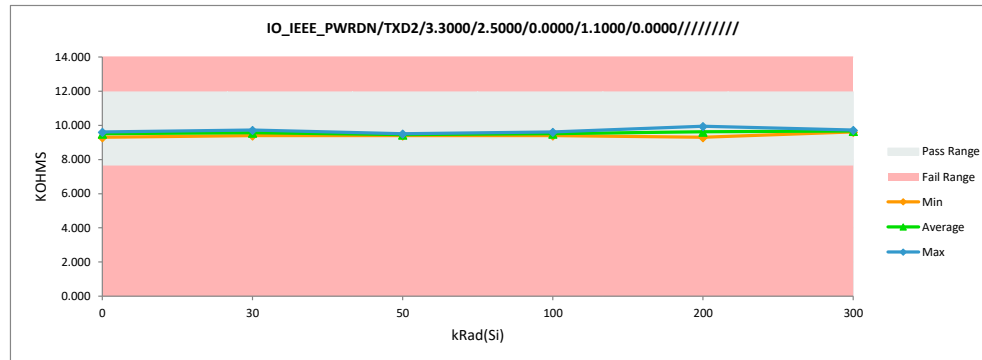
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.615	9.615	0.000
0	188A	9.304	9.304	0.000
0	191A	9.615	9.615	0.000
30	181B	9.615	9.724	0.109
30	191B	9.615	9.405	-0.210
50	181C	9.615	9.509	-0.106
50	191C	9.615	9.405	-0.210
100	181D	9.615	9.405	-0.210
100	191D	9.615	9.615	0.000
200	181E	9.615	9.304	-0.312
200	191E	9.615	9.948	0.333
300	181F	9.615	9.615	0.000
300	191F	9.615	9.724	0.109
Max		9.615	9.948	0.333
Average		9.591	9.553	-0.038
Min		9.304	9.304	-0.312
Std Dev		0.086	0.187	0.172



IO_IEEE_PWRDN/TXD2/3.3000/

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

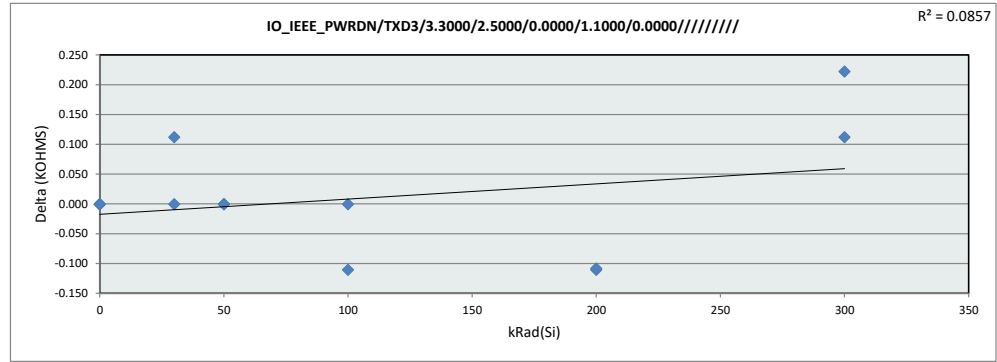
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.304	9.405	9.405	9.405	9.304	9.615
Average	9.511	9.565	9.457	9.510	9.626	9.670
Max	9.615	9.724	9.509	9.615	9.948	9.724
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
DP83561-SP

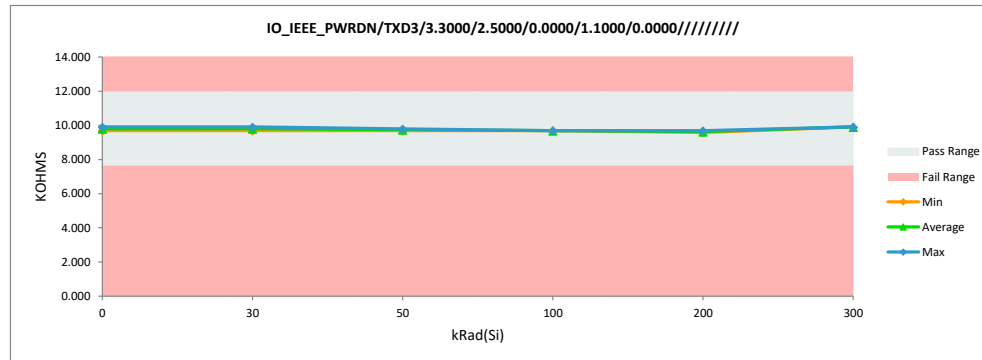
IO_IEEE_PWRDN/TXD3/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.798	9.798	0.000
0	188A	9.911	9.911	0.000
0	191A	9.688	9.688	0.000
30	181B	9.798	9.911	0.113
30	191B	9.688	9.688	0.000
50	181C	9.798	9.798	0.000
50	191C	9.688	9.688	0.000
100	181D	9.798	9.688	-0.110
100	191D	9.688	9.688	0.000
200	181E	9.798	9.688	-0.110
200	191E	9.688	9.580	-0.108
300	181F	9.798	9.911	0.113
300	191F	9.688	9.911	0.223
Max		9.911	9.911	0.223
Average		9.756	9.765	0.009
Min		9.688	9.580	-0.110
Std Dev		0.072	0.114	0.096



IO_IEEE_PWRDN/TXD3/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

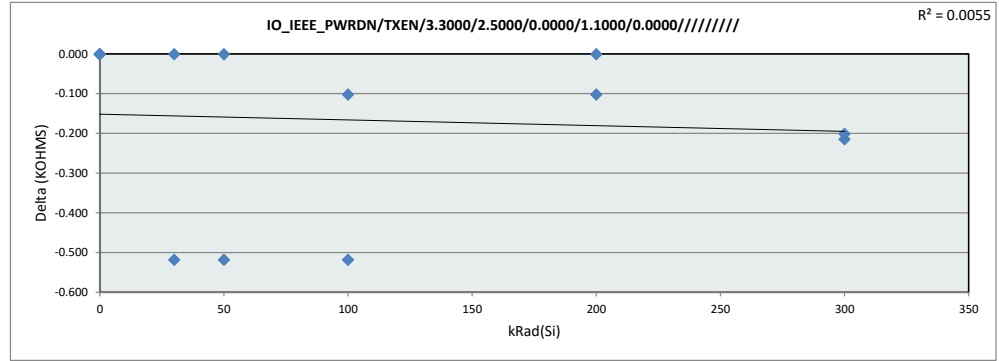
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.688	9.688	9.688	9.688	9.580	9.911
Average	9.799	9.799	9.743	9.688	9.634	9.911
Max	9.911	9.911	9.798	9.688	9.688	9.911
UL	11.950	11.950	11.950	11.950	11.950	11.950



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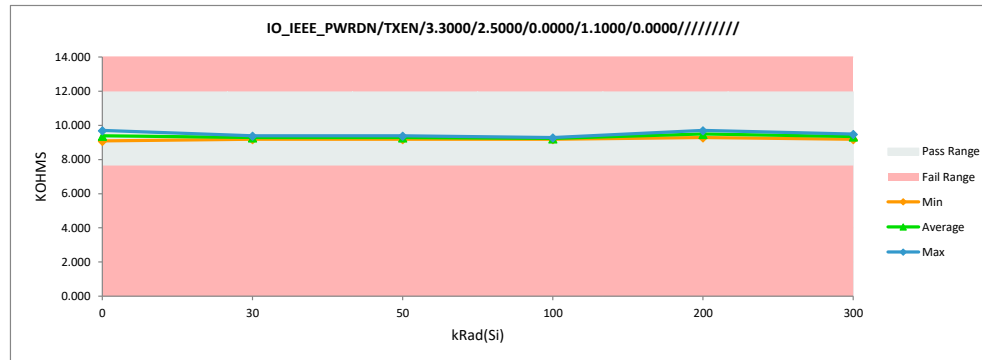
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.704	9.704	0.000
0	188A	9.089	9.089	0.000
0	191A	9.387	9.387	0.000
30	181B	9.704	9.186	-0.517
30	191B	9.387	9.387	0.000
50	181C	9.704	9.186	-0.517
50	191C	9.387	9.387	0.000
100	181D	9.704	9.186	-0.517
100	191D	9.387	9.285	-0.101
200	181E	9.704	9.704	0.000
200	191E	9.387	9.285	-0.101
300	181F	9.704	9.490	-0.214
300	191F	9.387	9.186	-0.200
Max		9.704	9.704	0.000
Average		9.510	9.343	-0.167
Min		9.089	9.089	-0.517
Std Dev		0.203	0.195	0.214



IO_IEEE_PWRDN/TXEN/3.3000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

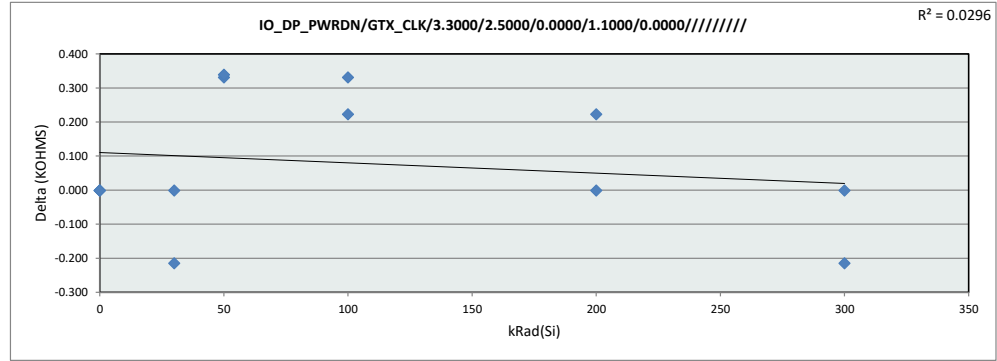
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.089	9.186	9.186	9.186	9.285	9.186
Average	9.393	9.286	9.286	9.236	9.495	9.338
Max	9.704	9.387	9.387	9.285	9.704	9.490
UL	11.950	11.950	11.950	11.950	11.950	11.950



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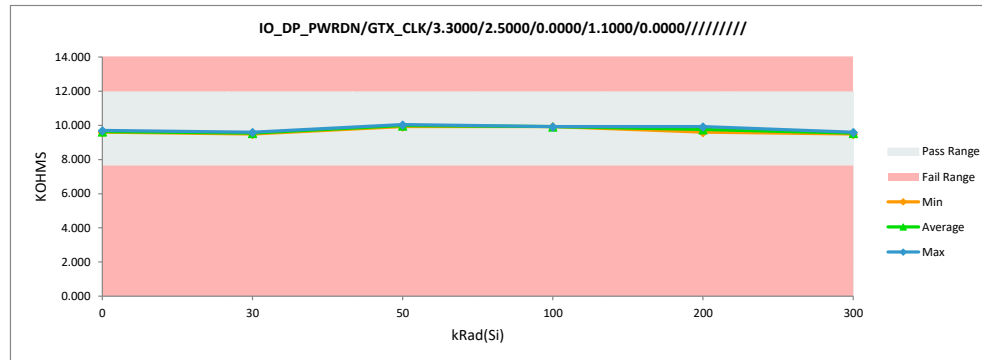
IO_DP_PWRDN/GTX_CLK/3.3000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.598	9.598	0.000
0	188A	9.598	9.598	0.000
0	191A	9.706	9.706	0.000
30	181B	9.598	9.598	0.000
30	191B	9.706	9.492	-0.214
50	181C	9.598	9.930	0.332
50	191C	9.706	10.046	0.340
100	181D	9.598	9.930	0.332
100	191D	9.706	9.930	0.224
200	181E	9.598	9.598	0.000
200	191E	9.706	9.930	0.224
300	181F	9.598	9.598	0.000
300	191F	9.706	9.492	-0.214
Max		9.706	10.046	0.340
Average		9.648	9.726	0.079
Min		9.598	9.492	-0.214
Std Dev		0.056	0.196	0.193



IO_DP_PWRDN/GTX_CLK/3.3000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

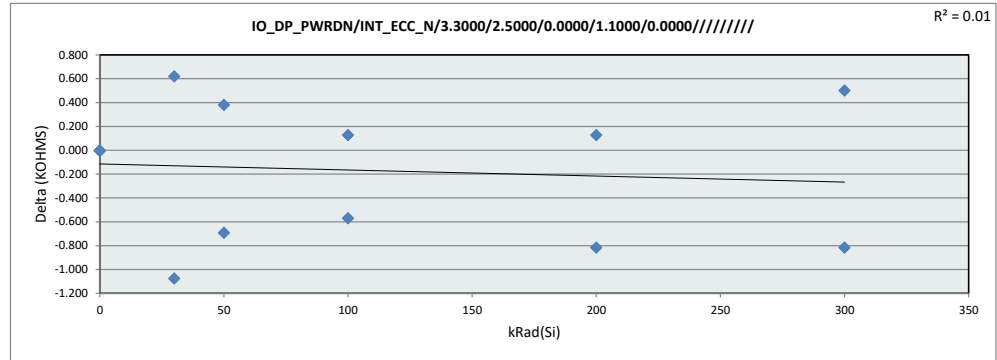
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.598	9.492	9.930	9.930	9.598	9.492
Average	9.634	9.545	9.988	9.930	9.764	9.545
Max	9.706	9.598	10.046	9.930	9.930	9.598
UL	11.950	11.950	11.950	11.950	11.950	11.950



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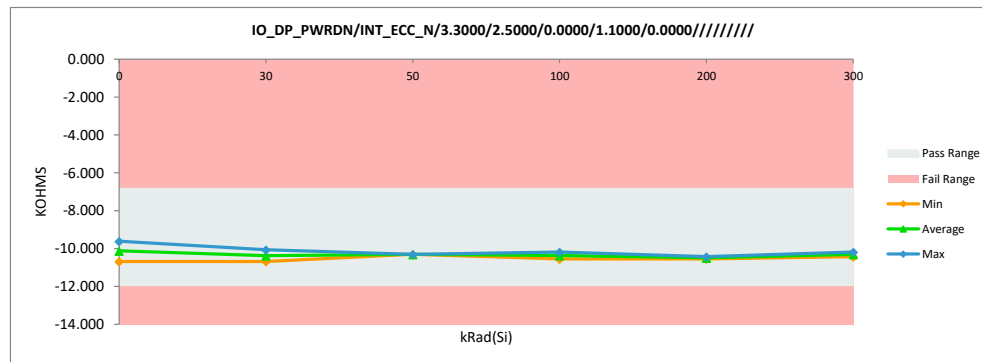
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Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Unit		KOHMS	KOHMS
Max Limit		-6.800000323	-6.800000323
Min Limit		-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.683	-10.683	0.000
0	188A	-10.060	-10.060	0.000
0	191A	-9.611	-9.611	0.000
30	181B	-10.683	-10.060	0.624
30	191B	-9.611	-10.683	-1.072
50	181C	-10.683	-10.300	0.383
50	191C	-9.611	-10.300	-0.689
100	181D	-10.683	-10.552	0.131
100	191D	-9.611	-10.179	-0.568
200	181E	-10.683	-10.552	0.131
200	191E	-9.611	-10.425	-0.814
300	181F	-10.683	-10.179	0.505
300	191F	-9.611	-10.425	-0.814
	Max	-9.611	-9.611	0.624
	Average	-10.140	-10.308	-0.168
	Min	-10.683	-10.683	-1.072
	Std Dev	0.537	0.299	0.558



		IO_DP_PWRDN/INT_ECC_N/3.3000/2.5000/0.0000/1.1000/0.0000////////	
Test Site		SVA	SVA
Tester		UFLEX	UFLEX
Test Number		PF3386	PF3386
Max Limit		-6.800000323	KOHMS
Min Limit		-11.95000057	KOHMS

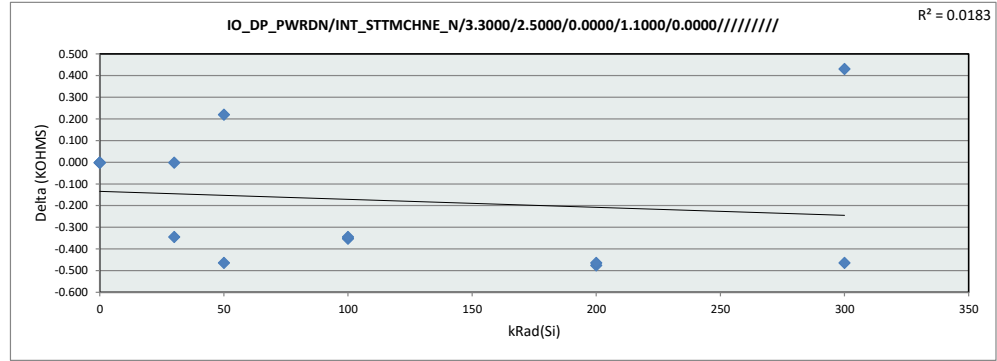
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.683	-10.683	-10.300	-10.552	-10.552	-10.425
Average	-10.118	-10.371	-10.300	-10.365	-10.489	-10.302
Max	-9.611	-10.060	-10.300	-10.179	-10.425	-10.179
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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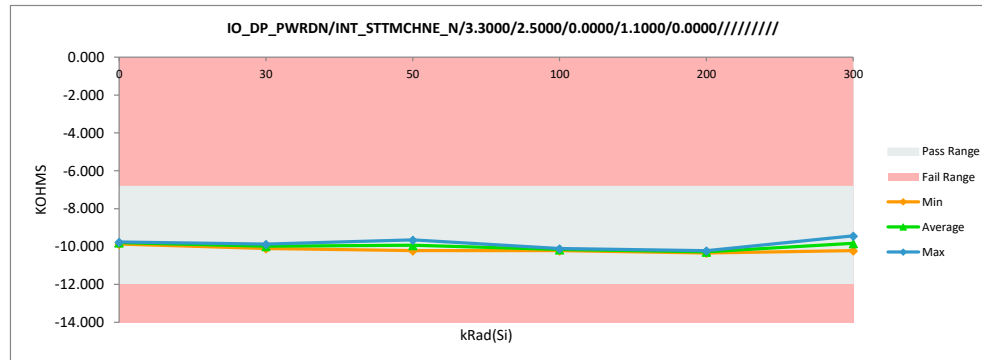
IO_DP_PWRDN/INT_STTMCHNE		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.866	-9.866	0.000
0	188A	-9.754	-9.754	0.000
0	191A	-9.754	-9.754	0.000
30	181B	-9.866	-9.866	0.000
30	191B	-9.754	-10.097	-0.343
50	181C	-9.866	-9.645	0.221
50	191C	-9.754	-10.217	-0.463
100	181D	-9.866	-10.217	-0.351
100	191D	-9.754	-10.097	-0.343
200	181E	-9.866	-10.340	-0.474
200	191E	-9.754	-10.217	-0.463
300	181F	-9.866	-9.434	0.432
300	191F	-9.754	-10.217	-0.463
Max		-9.754	-9.434	0.432
Average		-9.806	-9.979	-0.173
Min		-9.866	-10.340	-0.474
Std Dev		0.058	0.277	0.299



IO_DP_PWRDN/INT_STTMCHNE		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

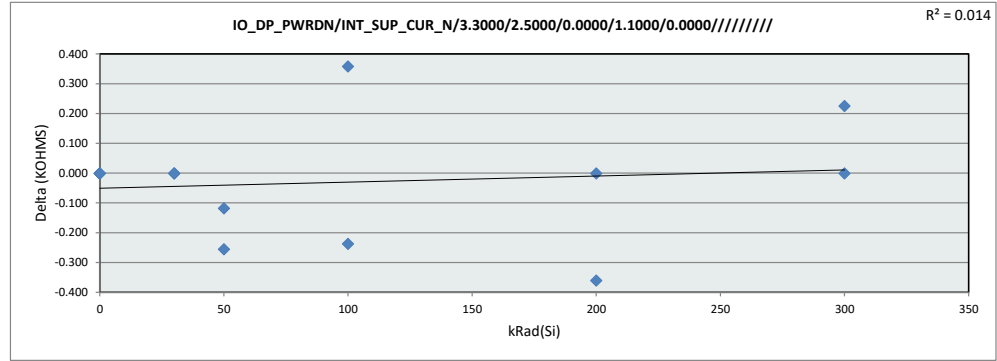
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-9.866	-10.097	-10.217	-10.217	-10.340	-10.217
Average	-9.792	-9.982	-9.931	-10.157	-10.279	-9.826
Max	-9.754	-9.866	-9.645	-10.097	-10.217	-9.434
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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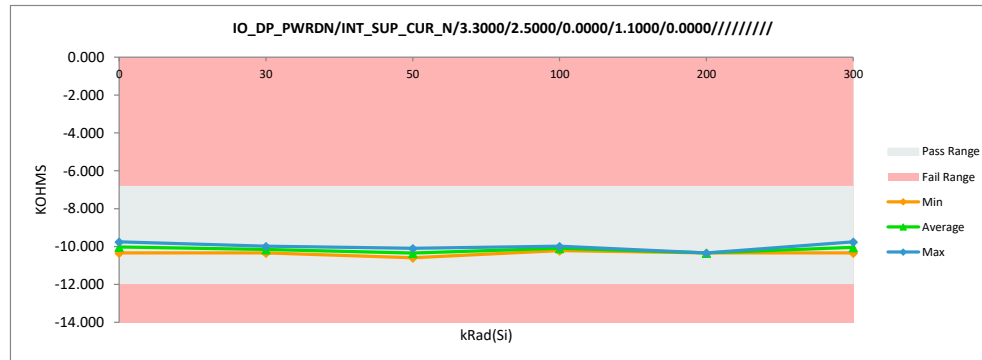
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Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.977	-9.977	0.000
0	188A	-9.751	-9.751	0.000
0	191A	-10.336	-10.336	0.000
30	181B	-9.977	-9.977	0.000
30	191B	-10.336	-10.336	0.000
50	181C	-9.977	-10.094	-0.117
50	191C	-10.336	-10.590	-0.254
100	181D	-9.977	-10.213	-0.237
100	191D	-10.336	-9.977	0.359
200	181E	-9.977	-10.336	-0.359
200	191E	-10.336	-10.336	0.000
300	181F	-9.977	-9.751	0.226
300	191F	-10.336	-10.336	0.000
Max		-9.751	-9.751	0.359
Average		-10.125	-10.155	-0.029
Min		-10.336	-10.590	-0.359
Std Dev		0.212	0.255	0.190



	IO_DP_PWRDN/INT_SUP_CUR_N	IO_DP_PWRDN/INT_SUP_CUR_N
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

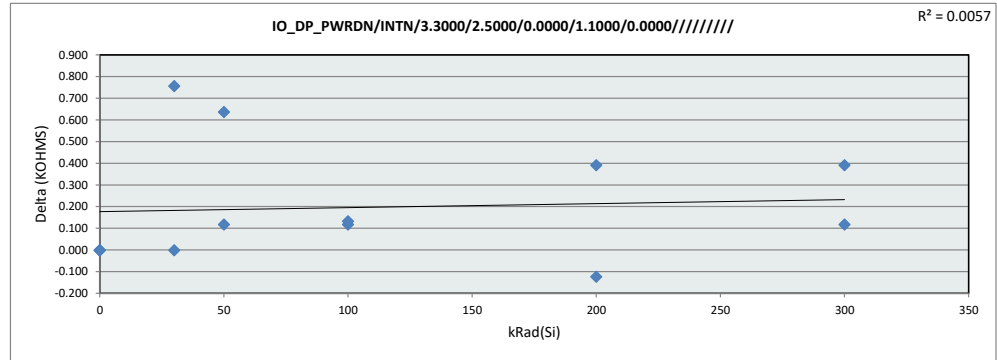
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.336	-10.336	-10.590	-10.213	-10.336	-10.336
Average	-10.021	-10.156	-10.342	-10.095	-10.336	-10.043
Max	-9.751	-9.977	-10.094	-9.977	-10.336	-9.751
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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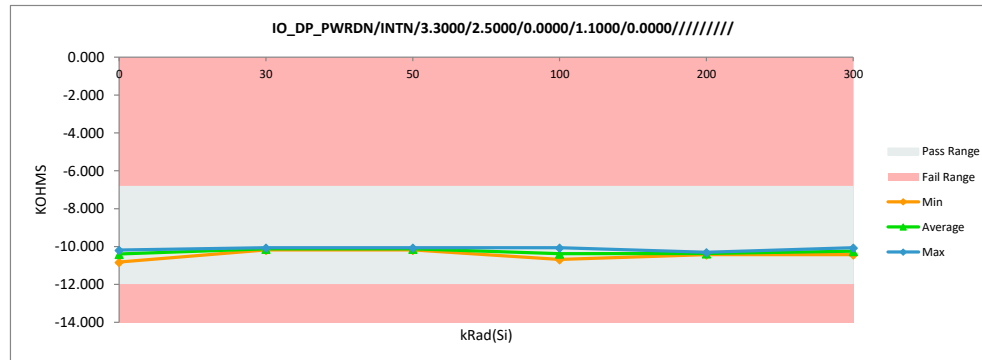
IO_DP_PWRDN/INTN/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-10.179	-10.179	0.000
0	188A	-10.179	-10.179	0.000
0	191A	-10.817	-10.817	0.000
30	181B	-10.179	-10.179	0.000
30	191B	-10.817	-10.060	0.757
50	181C	-10.179	-10.060	0.119
50	191C	-10.817	-10.179	0.638
100	181D	-10.179	-10.060	0.119
100	191D	-10.817	-10.683	0.134
200	181E	-10.179	-10.300	-0.122
200	191E	-10.817	-10.425	0.392
300	181F	-10.179	-10.060	0.119
300	191F	-10.817	-10.425	0.392
Max		-10.179	-10.060	0.757
Average		-10.473	-10.277	0.196
Min		-10.817	-10.817	-0.122
Std Dev		0.331	0.246	0.268



IO_DP_PWRDN/INTN/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.817	-10.179	-10.179	-10.683	-10.425	-10.425
Average	-10.391	-10.119	-10.119	-10.371	-10.362	-10.242
Max	-10.179	-10.060	-10.060	-10.060	-10.300	-10.060
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

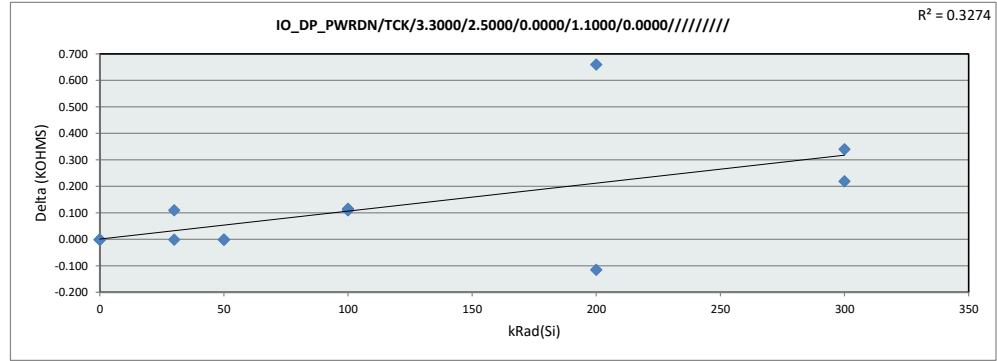


TID Report
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IO_DP_PWRDN/TCK/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

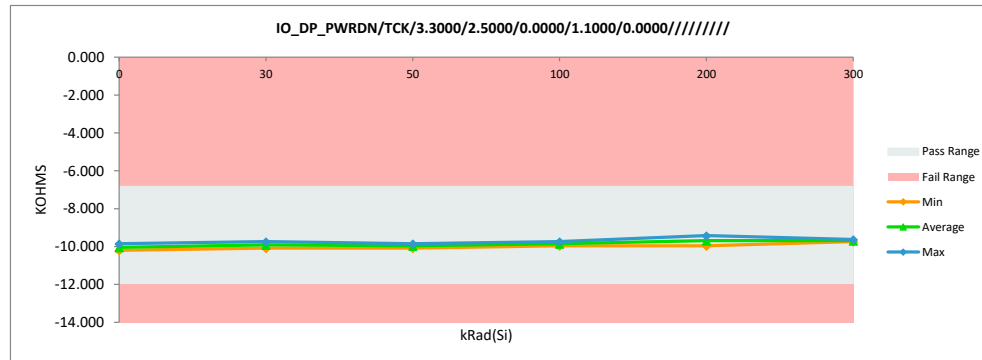
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.848	-9.848	0.000
0	188A	-10.198	-10.198	0.000
0	191A	-10.079	-10.079	0.000
30	181B	-9.848	-9.737	0.111
30	191B	-10.079	-10.079	0.000
50	181C	-9.848	-9.848	0.000
50	191C	-10.079	-10.079	0.000
100	181D	-9.848	-9.737	0.111
100	191D	-10.079	-9.962	0.117
200	181E	-9.848	-9.962	-0.114
200	191E	-10.079	-9.418	0.661
300	181F	-9.848	-9.628	0.220
300	191F	-10.079	-9.737	0.342
Max		-9.848	-9.418	0.661
Average		-9.981	-9.870	0.111
Min		-10.198	-10.198	-0.114
Std Dev		0.132	0.218	0.202



IO_DP_PWRDN/TCK/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.80000323 KOHMS
Min Limit	-11.95000057 KOHMS

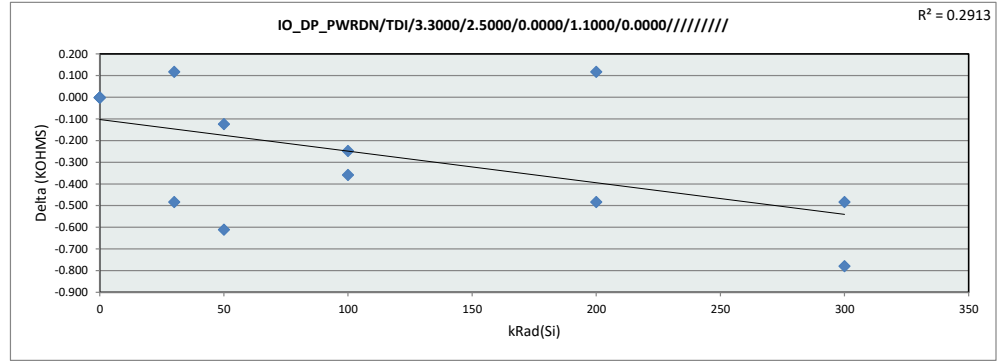
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.198	-10.079	-10.079	-9.962	-9.962	-9.737
Average	-10.042	-9.908	-9.963	-9.849	-9.690	-9.683
Max	-9.848	-9.737	-9.848	-9.737	-9.418	-9.628
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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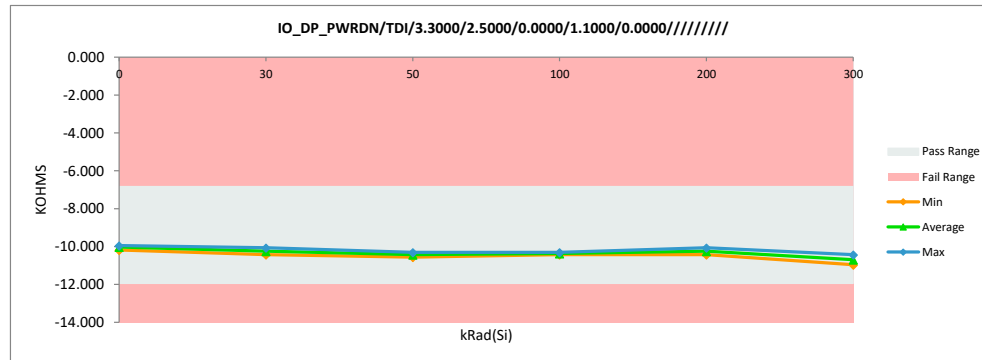
IO_DP_PWRDN/TDI/3.3000/2.5		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.80000323	-6.80000323
Min Limit	-11.95000057	-11.95000057

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.946	-9.946	0.000
0	188A	-9.946	-9.946	0.000
0	191A	-10.181	-10.181	0.000
30	181B	-9.946	-10.428	-0.482
30	191B	-10.181	-10.062	0.119
50	181C	-9.946	-10.556	-0.610
50	191C	-10.181	-10.303	-0.122
100	181D	-9.946	-10.303	-0.357
100	191D	-10.181	-10.428	-0.247
200	181E	-9.946	-10.428	-0.482
200	191E	-10.181	-10.062	0.119
300	181F	-9.946	-10.428	-0.482
300	191F	-10.181	-10.959	-0.777
Max		-9.946	-9.946	0.119
Average		-10.055	-10.310	-0.255
Min		-10.181	-10.959	-0.777
Std Dev		0.122	0.280	0.297



IO_DP_PWRDN/TDI/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	-6.80000323	KOHMS
Min Limit	-11.95000057	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.181	-10.428	-10.556	-10.428	-10.428	-10.959
Average	-10.024	-10.245	-10.429	-10.365	-10.245	-10.693
Max	-9.946	-10.062	-10.303	-10.303	-10.062	-10.428
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800

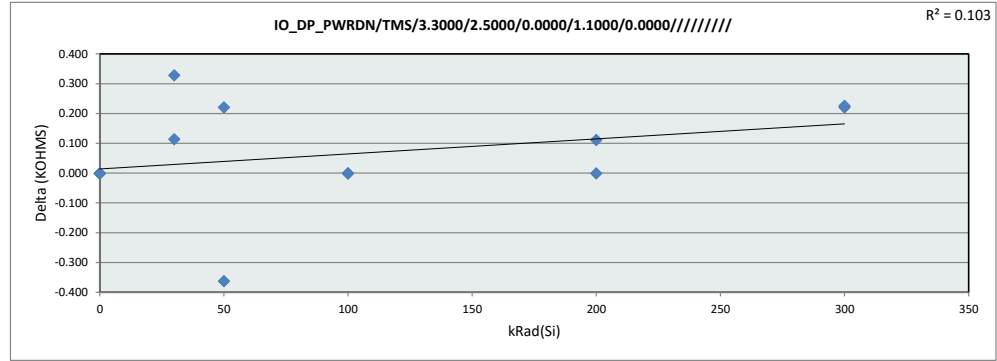


TID Report
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IO_DP_PWRDN/TMS/3.3000/2.5

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	-6.800000323	-6.800000323
Min Limit	-11.95000057	-11.95000057

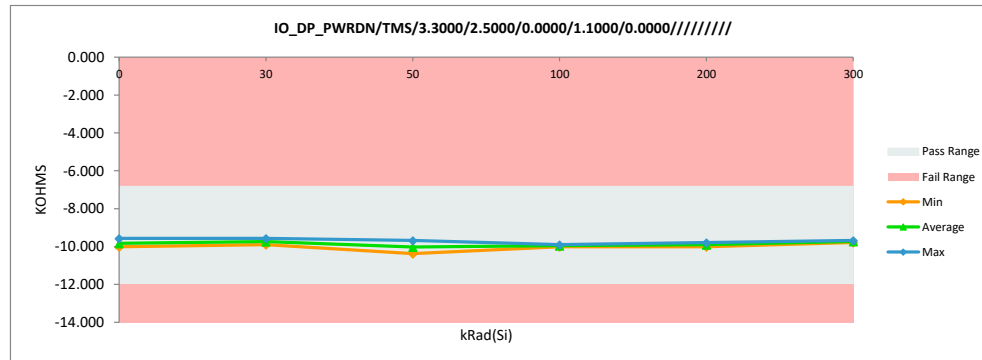
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-9.897	-9.897	0.000
0	188A	-9.568	-9.568	0.000
0	191A	-10.012	-10.012	0.000
30	181B	-9.897	-9.568	0.329
30	191B	-10.012	-9.897	0.115
50	181C	-9.897	-9.675	0.222
50	191C	-10.012	-10.373	-0.361
100	181D	-9.897	-9.897	0.000
100	191D	-10.012	-10.012	0.000
200	181E	-9.897	-9.785	0.112
200	191E	-10.012	-10.012	0.000
300	181F	-9.897	-9.675	0.222
300	191F	-10.012	-9.785	0.227
Max		-9.568	-9.568	0.329
Average		-9.924	-9.858	0.067
Min		-10.012	-10.373	-0.361
Std Dev		0.122	0.221	0.172



IO_DP_PWRDN/TMS/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-6.800000323 KOHMS
Min Limit	-11.95000057 KOHMS

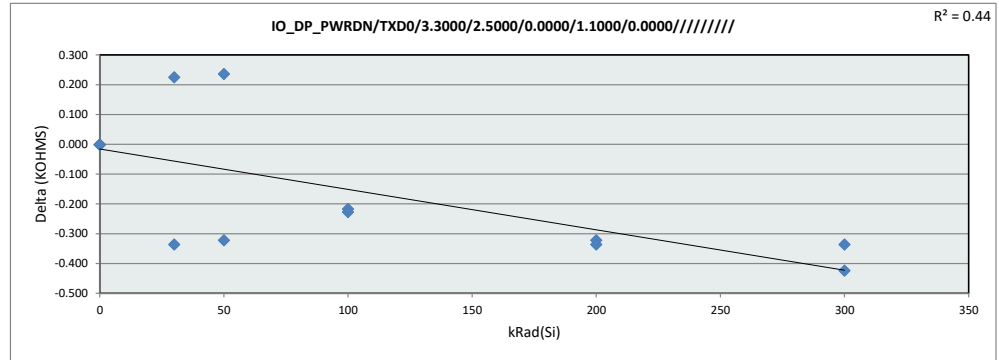
kRad(Si)	0	30	50	100	200	300
LL	-11.950	-11.950	-11.950	-11.950	-11.950	-11.950
Min	-10.012	-9.897	-10.373	-10.012	-10.012	-9.785
Average	-9.825	-9.732	-10.024	-9.954	-9.898	-9.730
Max	-9.568	-9.568	-9.675	-9.897	-9.785	-9.675
UL	-6.800	-6.800	-6.800	-6.800	-6.800	-6.800



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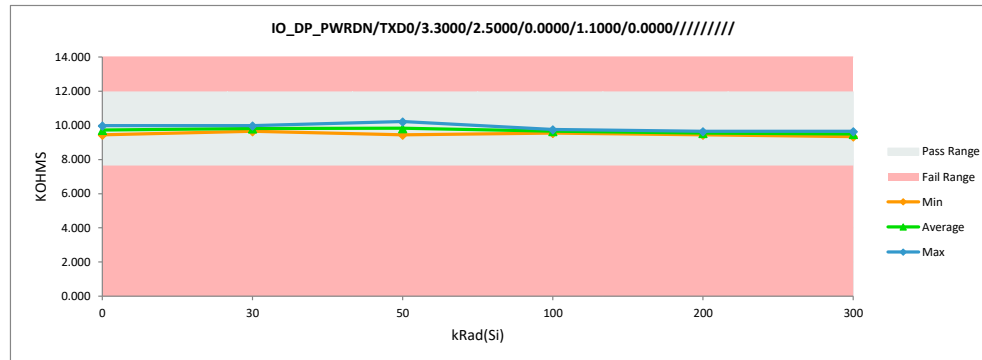
IO_DP_PWRDN/TXD0/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.761	9.761	0.000
0	188A	9.441	9.441	0.000
0	191A	9.987	9.987	0.000
30	181B	9.761	9.987	0.226
30	191B	9.987	9.652	-0.335
50	181C	9.761	9.441	-0.321
50	191C	9.987	10.224	0.237
100	181D	9.761	9.545	-0.216
100	191D	9.987	9.761	-0.226
200	181E	9.761	9.441	-0.321
200	191E	9.987	9.652	-0.335
300	181F	9.761	9.338	-0.423
300	191F	9.987	9.652	-0.335
Max		9.987	10.224	0.237
Average		9.841	9.683	-0.158
Min		9.441	9.338	-0.423
Std Dev		0.165	0.259	0.224



IO_DP_PWRDN/TXD0/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.441	9.652	9.441	9.545	9.441	9.338
Average	9.730	9.820	9.832	9.653	9.546	9.495
Max	9.987	9.987	10.224	9.761	9.652	9.652
UL	11.950	11.950	11.950	11.950	11.950	11.950

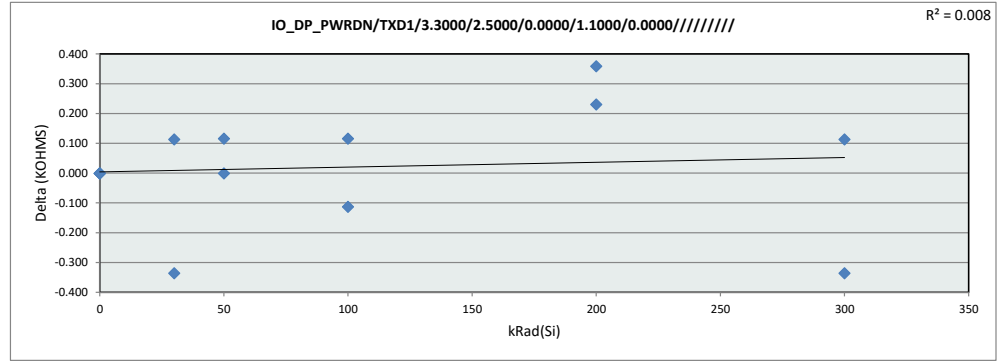


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IO_DP_PWRDN/TXD1/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

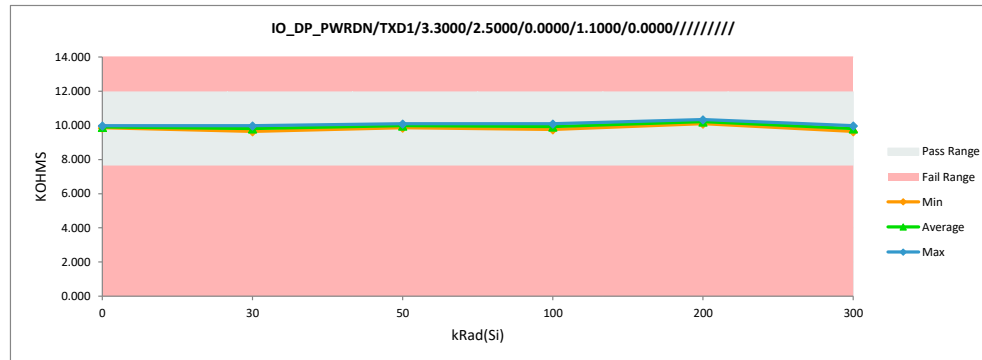
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.866	9.866	0.000
0	188A	9.866	9.866	0.000
0	191A	9.980	9.980	0.000
30	181B	9.866	9.980	0.114
30	191B	9.980	9.645	-0.335
50	181C	9.866	9.866	0.000
50	191C	9.980	10.097	0.117
100	181D	9.866	9.754	-0.112
100	191D	9.980	10.097	0.117
200	181E	9.866	10.097	0.231
200	191E	9.980	10.339	0.359
300	181F	9.866	9.980	0.114
300	191F	9.980	9.645	-0.335
Max		9.980	10.339	0.359
Average		9.919	9.939	0.021
Min		9.866	9.645	-0.335
Std Dev		0.059	0.197	0.197



IO_DP_PWRDN/TXD1/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

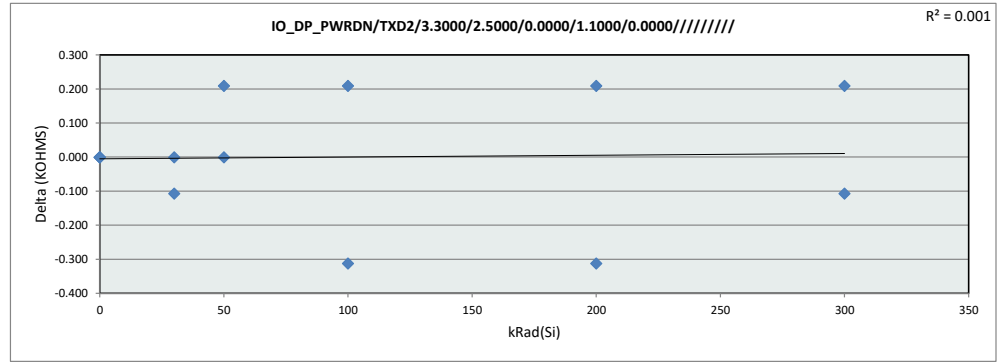
kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.866	9.645	9.866	9.754	10.097	9.645
Average	9.904	9.812	9.981	9.926	10.218	9.812
Max	9.980	9.980	10.097	10.097	10.339	9.980
UL	11.950	11.950	11.950	11.950	11.950	11.950



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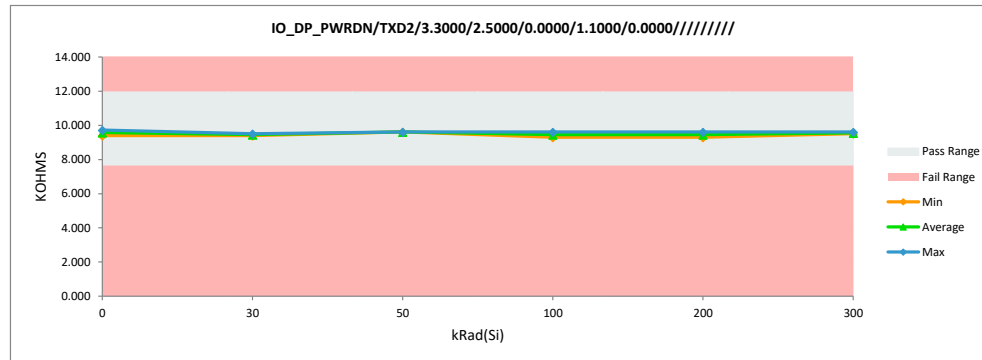
IO_DP_PWRDN/TXD2/3.3000/2	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Unit	KOHMS
Max Limit	11.95000057
Min Limit	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.615	9.615	0.000
0	188A	9.724	9.724	0.000
0	191A	9.405	9.405	0.000
30	181B	9.615	9.509	-0.106
30	191B	9.405	9.405	0.000
50	181C	9.615	9.615	0.000
50	191C	9.405	9.615	0.210
100	181D	9.615	9.304	-0.312
100	191D	9.405	9.615	0.210
200	181E	9.615	9.304	-0.312
200	191E	9.405	9.615	0.210
300	181F	9.615	9.509	-0.106
300	191F	9.405	9.615	0.210
Max		9.724	9.724	0.210
Average		9.527	9.527	0.000
Min		9.405	9.304	-0.312
Std Dev		0.121	0.134	0.181



IO_DP_PWRDN/TXD2/3.3000/2	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057
Min Limit	7.650000363

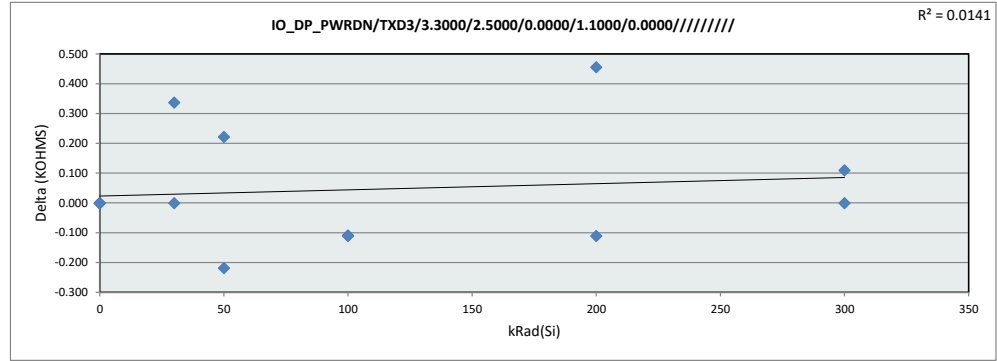
	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.405	9.405	9.615	9.304	9.304	9.509
Average	9.582	9.457	9.615	9.460	9.460	9.562
Max	9.724	9.509	9.615	9.615	9.615	9.615
UL	11.950	11.950	11.950	11.950	11.950	11.950



TID Report
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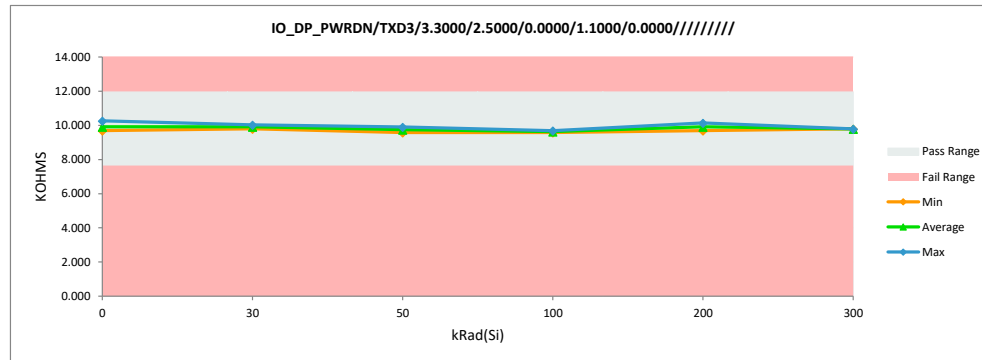
IO_DP_PWRDN/TXD3/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.688	9.688	0.000
0	188A	10.265	10.265	0.000
0	191A	9.798	9.798	0.000
30	181B	9.688	10.026	0.338
30	191B	9.798	9.798	0.000
50	181C	9.688	9.911	0.223
50	191C	9.798	9.580	-0.218
100	181D	9.688	9.580	-0.108
100	191D	9.798	9.688	-0.110
200	181E	9.688	10.144	0.456
200	191E	9.798	9.688	-0.110
300	181F	9.688	9.798	0.110
300	191F	9.798	9.798	0.000
Max		10.265	10.265	0.456
Average		9.783	9.828	0.045
Min		9.688	9.580	-0.218
Std Dev		0.155	0.209	0.192



IO_DP_PWRDN/TXD3/3.3000/2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	11.95000057	KOHMS
Min Limit	7.650000363	KOHMS

	0	30	50	100	200	300
kRad(Si)						
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.688	9.798	9.580	9.580	9.688	9.798
Average	9.917	9.912	9.745	9.634	9.916	9.798
Max	10.265	10.026	9.911	9.688	10.144	9.798
UL	11.950	11.950	11.950	11.950	11.950	11.950

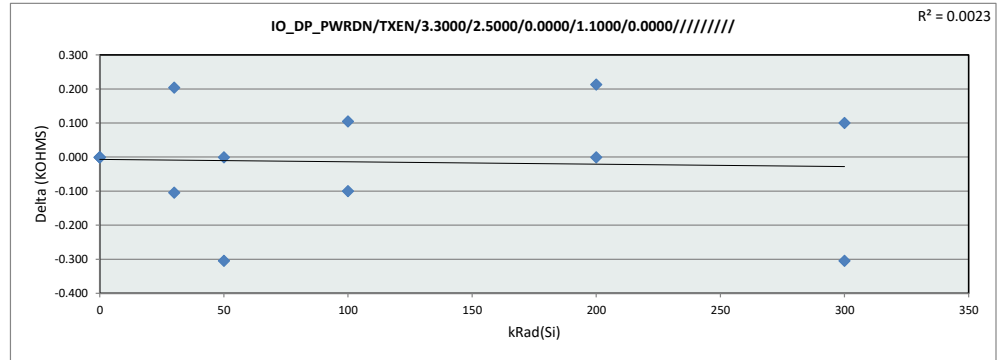


TID Report
DP83561-SP

IO_DP_PWRDN/TXEN/3.3000/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.95000057	11.95000057
Min Limit	7.650000363	7.650000363

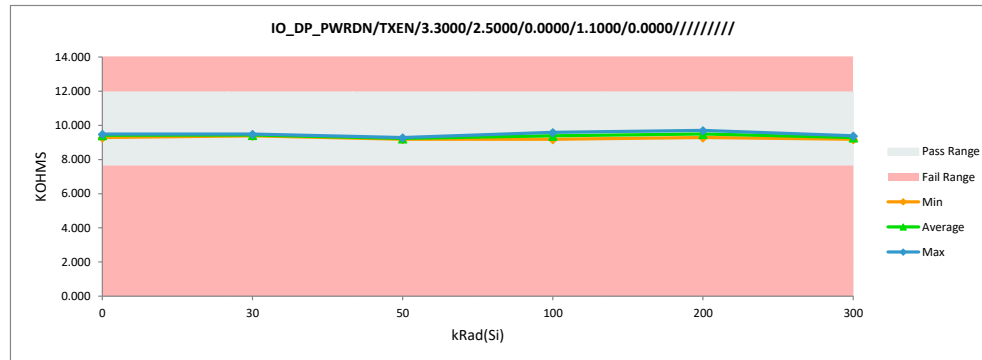
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	9.285	9.285	0.000
0	188A	9.490	9.490	0.000
0	191A	9.490	9.490	0.000
30	181B	9.285	9.490	0.205
30	191B	9.490	9.387	-0.103
50	181C	9.285	9.285	0.000
50	191C	9.490	9.186	-0.304
100	181D	9.285	9.186	-0.099
100	191D	9.490	9.596	0.106
200	181E	9.285	9.285	0.000
200	191E	9.490	9.704	0.214
300	181F	9.285	9.387	0.101
300	191F	9.490	9.186	-0.304
Max		9.490	9.704	0.214
Average		9.396	9.381	-0.014
Min		9.285	9.186	-0.304
Std Dev		0.106	0.165	0.161



IO_DP_PWRDN/TXEN/3.3000/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	11.95000057 KOHMS
Min Limit	7.650000363 KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.650	7.650	7.650	7.650	7.650	7.650
Min	9.285	9.387	9.186	9.186	9.285	9.186
Average	9.422	9.438	9.236	9.391	9.495	9.286
Max	9.490	9.490	9.285	9.596	9.704	9.387
UL	11.950	11.950	11.950	11.950	11.950	11.950

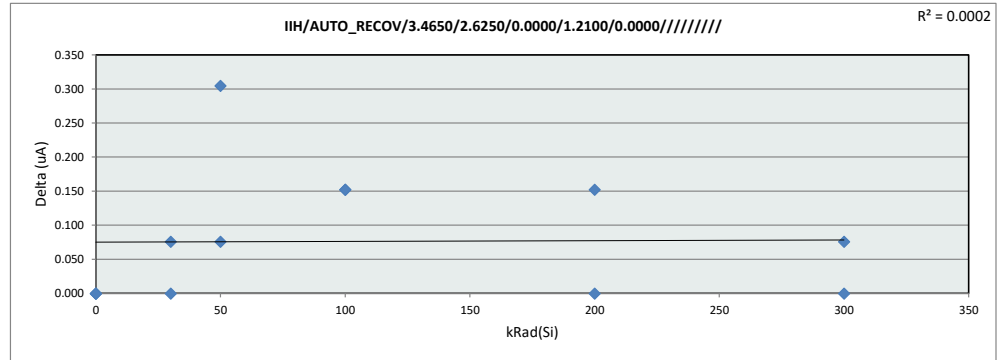


TID Report
DP83561-SP

IIH/AUTO_RECOV/3.4650/2.625

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

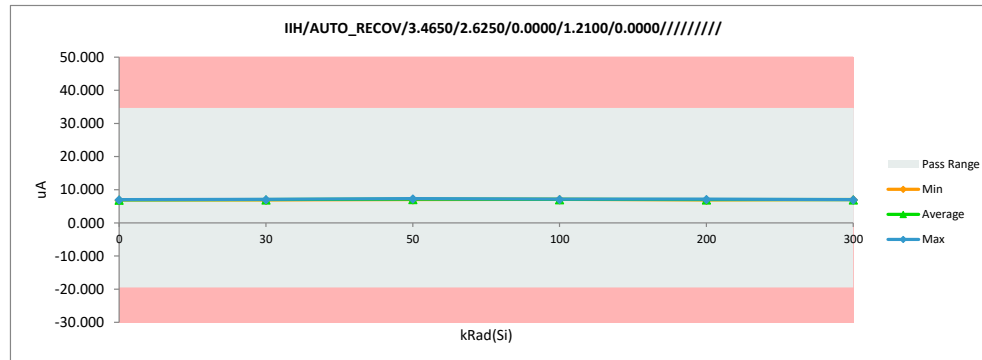
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	7.020	7.020	0.000
0	188A	6.944	6.944	0.000
0	191A	6.944	6.944	0.000
30	181B	7.020	7.096	0.076
30	191B	6.944	6.944	0.000
50	181C	7.020	7.325	0.305
50	191C	6.944	7.020	0.076
100	181D	7.020	7.172	0.152
100	191D	6.944	7.096	0.152
200	181E	7.020	7.172	0.152
200	191E	6.944	6.944	0.000
300	181F	7.020	7.020	0.000
300	191F	6.944	7.020	0.076
Max		7.020	7.325	0.305
Average		6.979	7.055	0.076
Min		6.944	6.944	0.000
Std Dev		0.040	0.115	0.093



IIH/AUTO_RECOV/3.4650/2.6

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	6.944	6.944	7.020	7.096	6.944	7.020
Average	6.969	7.020	7.172	7.134	7.058	7.020
Max	7.020	7.096	7.325	7.172	7.172	7.020
UL	34.500	34.500	34.500	34.500	34.500	34.500

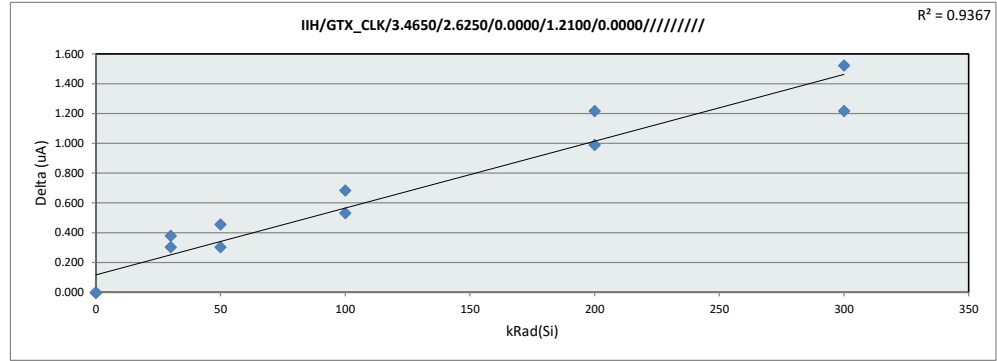


TID Report
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IIH/GTX_CLK/3.4650/2.6250/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

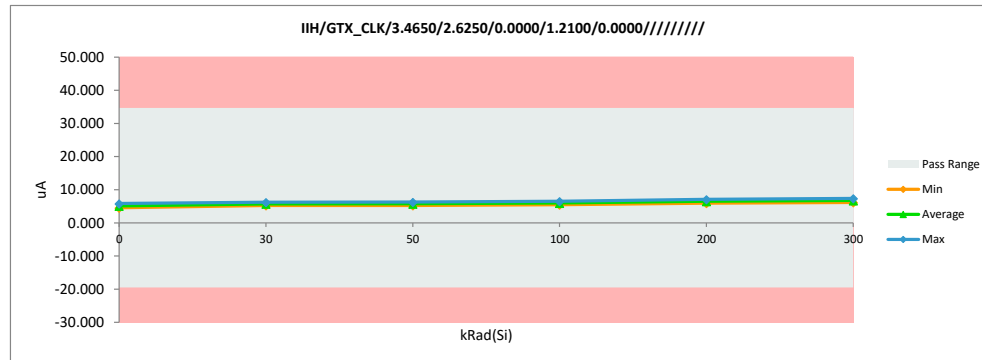
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	4.945	4.945	0.000
0	188A	4.564	4.564	0.000
0	191A	5.859	5.859	0.000
30	181B	4.945	5.249	0.305
30	191B	5.859	6.240	0.381
50	181C	4.945	5.249	0.305
50	191C	5.859	6.316	0.457
100	181D	4.945	5.478	0.533
100	191D	5.859	6.545	0.686
200	181E	4.945	5.935	0.990
200	191E	5.859	7.078	1.219
300	181F	4.945	6.164	1.219
300	191F	5.859	7.383	1.524
Max		5.859	7.383	1.524
Average		5.337	5.923	0.586
Min		4.564	4.564	0.000
Std Dev		0.513	0.820	0.509



IIH/GTX_CLK/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

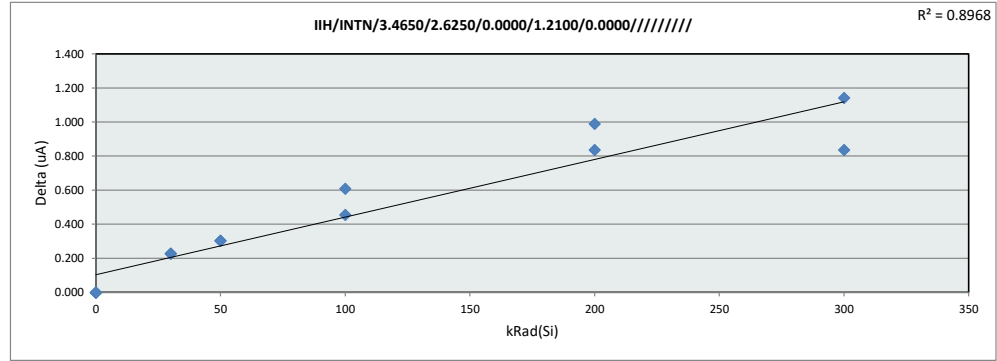
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.564	5.249	5.249	5.478	5.935	6.164
Average	5.122	5.745	5.783	6.011	6.507	6.773
Max	5.859	6.240	6.316	6.545	7.078	7.383
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
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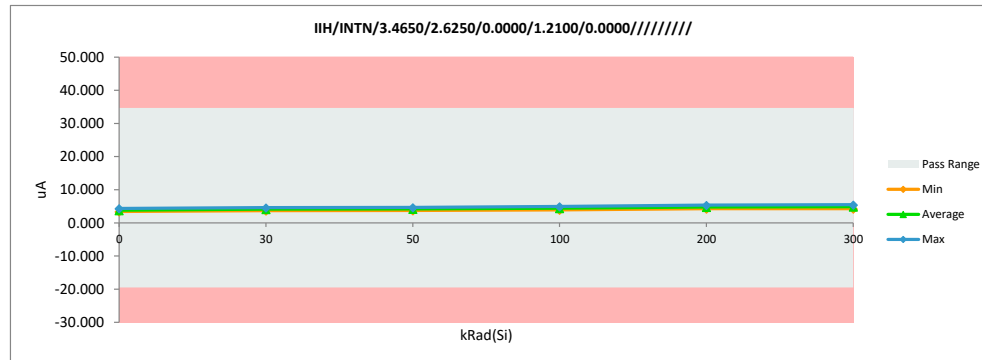
IIH/INTN/3.4650/2.6250/0.000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.444	3.444	0.000
0	188A	3.673	3.673	0.000
0	191A	4.358	4.358	0.000
30	181B	3.444	3.673	0.229
30	191B	4.358	4.587	0.229
50	181C	3.444	3.749	0.305
50	191C	4.358	4.663	0.305
100	181D	3.444	3.901	0.457
100	191D	4.358	4.968	0.610
200	181E	3.444	4.282	0.838
200	191E	4.358	5.349	0.991
300	181F	3.444	4.282	0.838
300	191F	4.358	5.501	1.143
Max		4.358	5.501	1.143
Average		3.884	4.341	0.457
Min		3.444	3.444	0.000
Std Dev		0.462	0.656	0.392



IIH/INTN/3.4650/2.6250/0.000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	34.5000077	uA
Min Limit	-19.4999933	uA

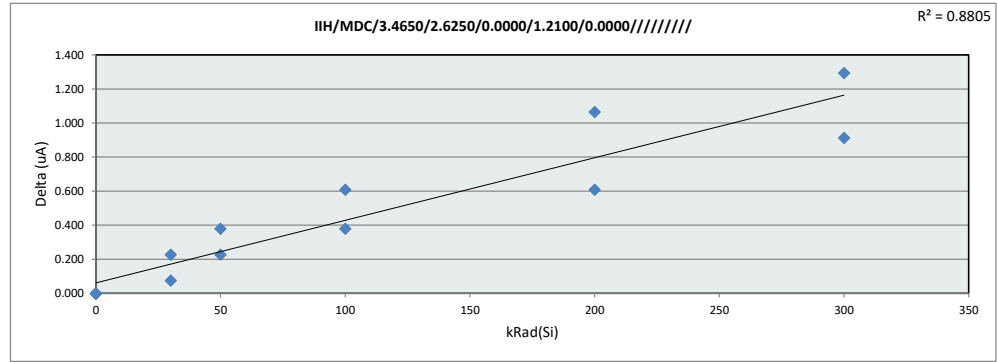
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	3.444	3.673	3.749	3.901	4.282	4.282
Average	3.825	4.130	4.206	4.435	4.815	4.892
Max	4.358	4.587	4.663	4.968	5.349	5.501
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

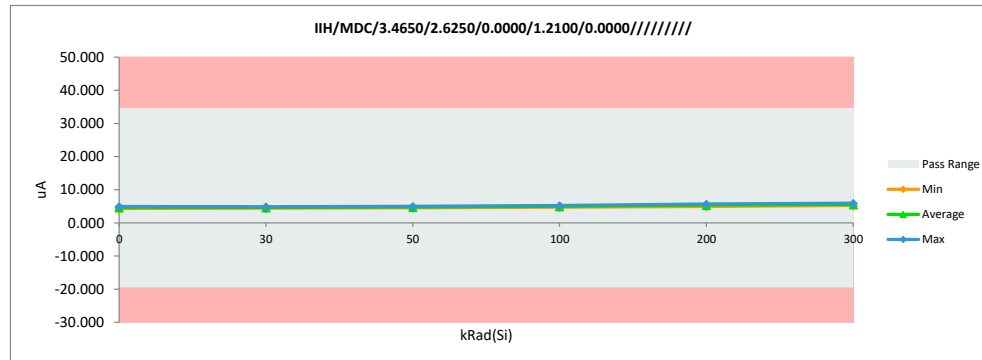
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	4.351	4.351	0.000
0	188A	4.960	4.960	0.000
0	191A	4.655	4.655	0.000
30	181B	4.351	4.427	0.076
30	191B	4.655	4.884	0.229
50	181C	4.351	4.579	0.229
50	191C	4.655	5.036	0.381
100	181D	4.351	4.732	0.381
100	191D	4.655	5.265	0.610
200	181E	4.351	4.960	0.610
200	191E	4.655	5.722	1.067
300	181F	4.351	5.265	0.914
300	191F	4.655	5.951	1.295
Max		4.960	5.951	1.295
Average		4.538	4.984	0.445
Min		4.351	4.351	0.000
Std Dev		0.198	0.474	0.430



Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

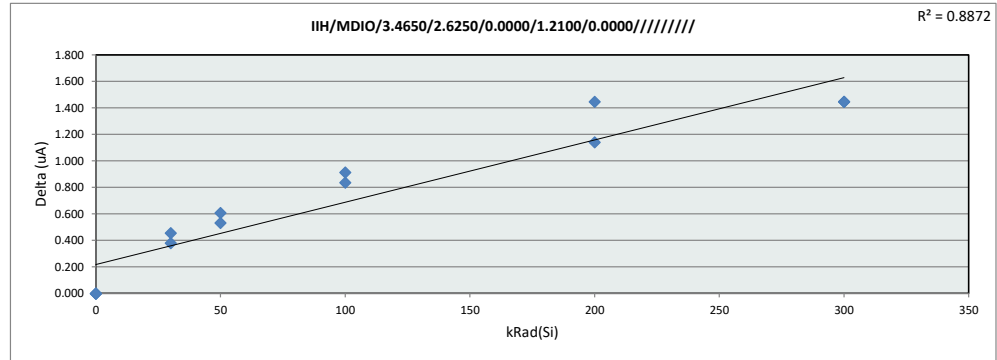
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.351	4.427	4.579	4.732	4.960	5.265
Average	4.655	4.655	4.808	4.998	5.341	5.608
Max	4.960	4.884	5.036	5.265	5.722	5.951
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
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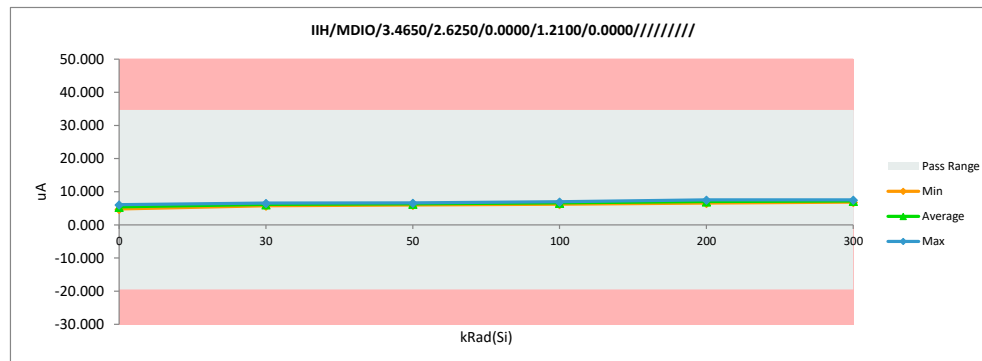
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.417	5.417	0.000
0	188A	4.808	4.808	0.000
0	191A	6.103	6.103	0.000
30	181B	5.417	5.798	0.381
30	191B	6.103	6.560	0.457
50	181C	5.417	6.027	0.610
50	191C	6.103	6.636	0.533
100	181D	5.417	6.255	0.838
100	191D	6.103	7.017	0.914
200	181E	5.417	6.560	1.143
200	191E	6.103	7.550	1.448
300	181F	5.417	6.865	1.448
300	191F	6.103	7.550	1.448
Max		6.103	7.550	1.448
Average		5.687	6.396	0.709
Min		4.808	4.808	0.000
Std Dev		0.433	0.789	0.548



Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

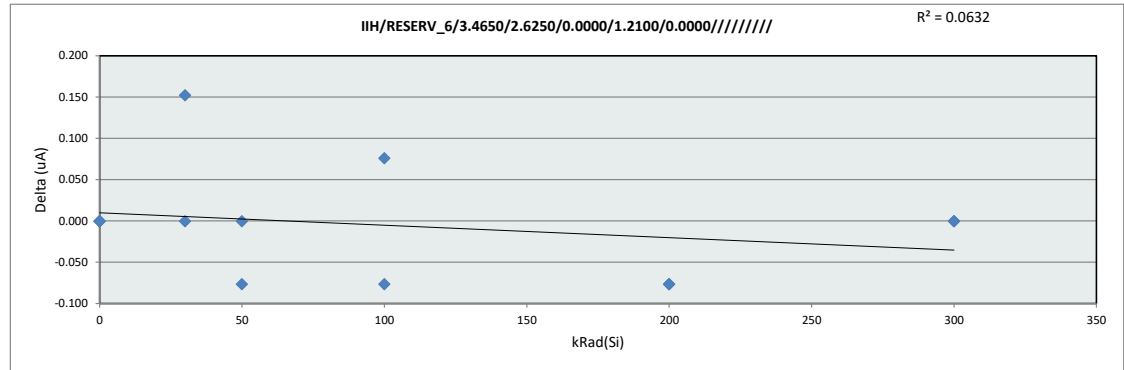
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.808	5.798	6.027	6.255	6.560	6.865
Average	5.442	6.179	6.331	6.636	7.055	7.208
Max	6.103	6.560	6.636	7.017	7.550	7.550
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

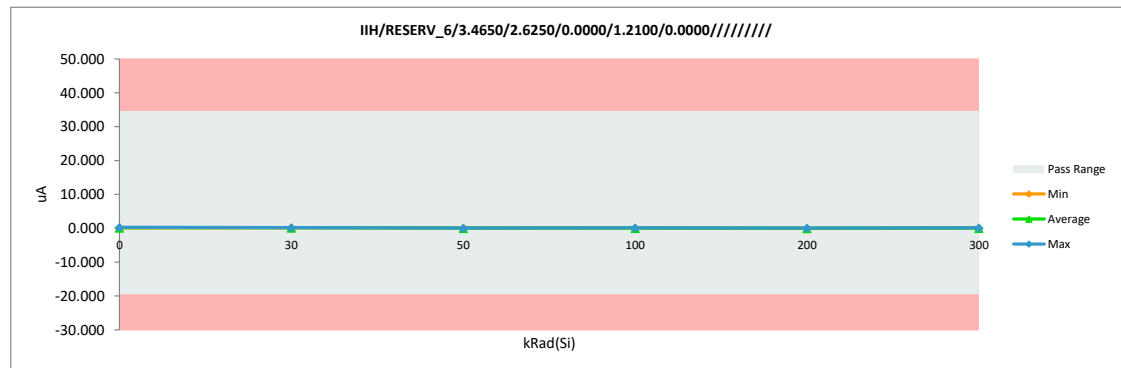
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.137	0.137	0.000
0	188A	0.290	0.290	0.000
0	191A	0.061	0.061	0.000
30	181B	0.137	0.137	0.000
30	191B	0.061	0.214	0.153
50	181C	0.137	0.061	-0.076
50	191C	0.061	0.061	0.000
100	181D	0.137	0.061	-0.076
100	191D	0.061	0.137	0.076
200	181E	0.137	0.061	-0.076
200	191E	0.061	-0.015	-0.076
300	181F	0.137	0.137	0.000
300	191F	0.061	0.061	0.000
Max		0.290	0.290	0.153
Average		0.114	0.108	-0.006
Min		0.061	-0.015	-0.076
Std Dev		0.065	0.080	0.066



Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

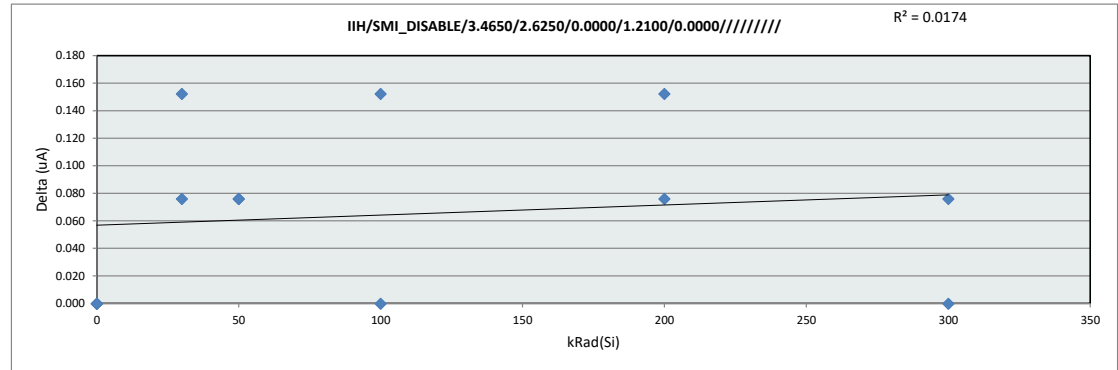
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	0.061	0.137	0.061	0.061	-0.015	0.061
Average	0.163	0.175	0.061	0.099	0.023	0.099
Max	0.290	0.214	0.061	0.137	0.061	0.137
UL	34.500	34.500	34.500	34.500	34.500	34.500



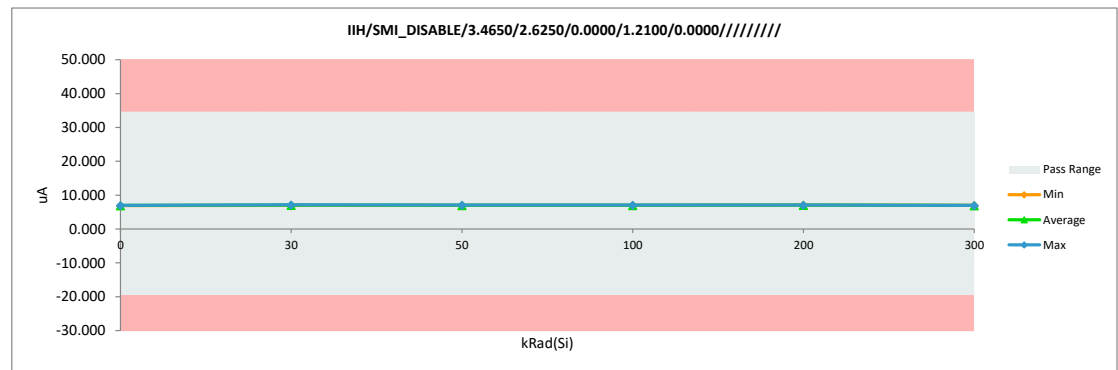
TID Report
DP83561-SP

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	6.913	6.913	0.000
0	188A	6.989	6.989	0.000
0	191A	6.989	6.989	0.000
30	181B	6.913	6.989	0.076
30	191B	6.989	7.142	0.152
50	181C	6.913	6.989	0.076
50	191C	6.989	7.065	0.076
100	181D	6.913	7.065	0.152
100	191D	6.989	6.989	0.000
200	181E	6.913	7.065	0.152
200	191E	6.989	7.065	0.076
300	181F	6.913	6.989	0.076
300	191F	6.989	6.989	0.000
Max		6.989	7.142	0.152
Average		6.954	7.018	0.064
Min		6.913	6.913	0.000
Std Dev		0.040	0.059	0.061



kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	6.913	6.989	6.989	6.989	7.065	6.989
Average	6.964	7.065	7.027	7.027	7.065	6.989
Max	6.989	7.142	7.065	7.065	7.065	6.989
UL	34.500	34.500	34.500	34.500	34.500	34.500

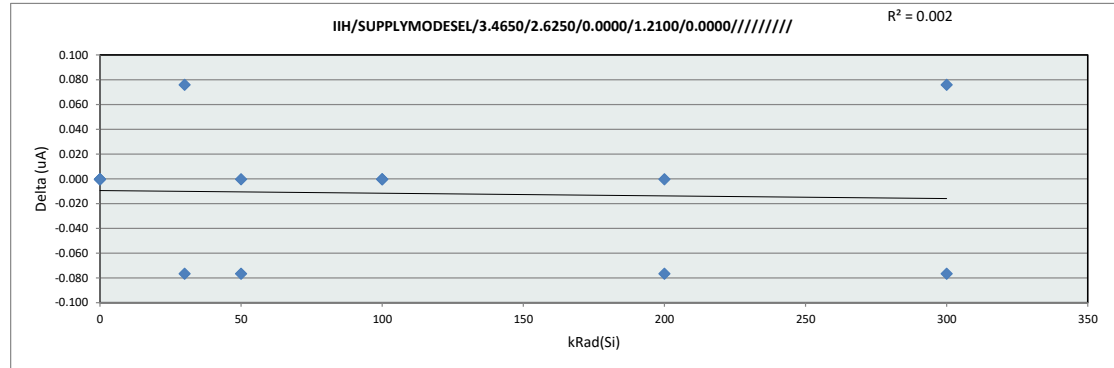


TID Report
DP83561-SP

IIH/SUPPLYMODESEL/3.4650/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

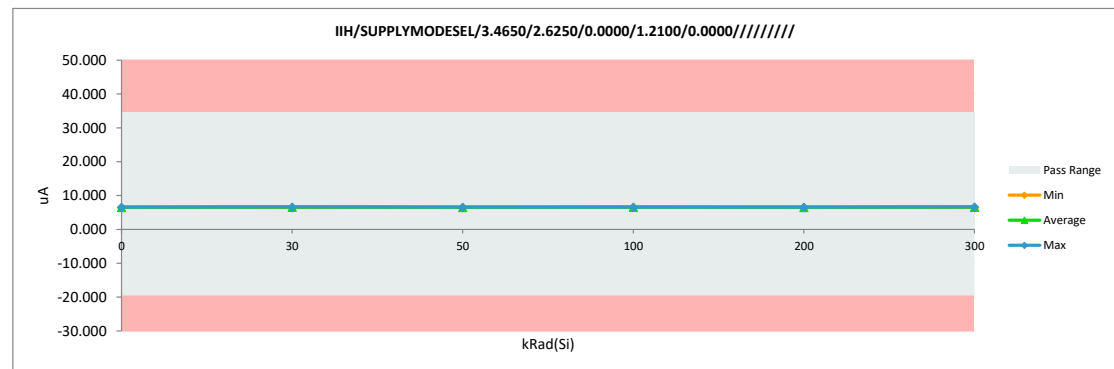
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	6.610	6.610	0.000
0	188A	6.534	6.534	0.000
0	191A	6.610	6.610	0.000
30	181B	6.610	6.686	0.076
30	191B	6.610	6.534	-0.076
50	181C	6.610	6.534	-0.076
50	191C	6.610	6.610	0.000
100	181D	6.610	6.610	0.000
100	191D	6.610	6.610	0.000
200	181E	6.610	6.610	0.000
200	191E	6.610	6.534	-0.076
300	181F	6.610	6.534	-0.076
300	191F	6.610	6.686	0.076
Max		6.610	6.686	0.076
Average		6.604	6.592	-0.012
Min		6.534	6.534	-0.076
Std Dev		0.021	0.055	0.053



IIH/SUPPLYMODESEL/3.4650/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	6.534	6.534	6.534	6.610	6.534	6.534
Average	6.585	6.610	6.572	6.610	6.572	6.610
Max	6.610	6.686	6.610	6.610	6.610	6.686
UL	34.500	34.500	34.500	34.500	34.500	34.500

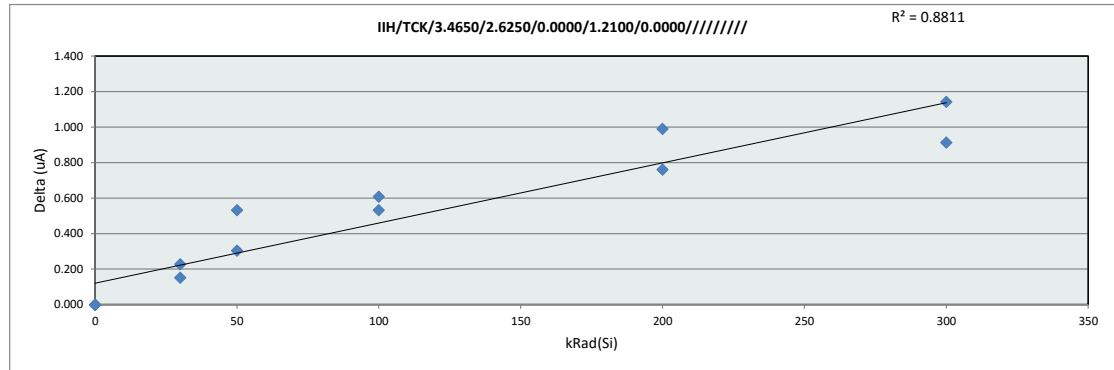


TID Report
DP83561-SP

IIH/TCK/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

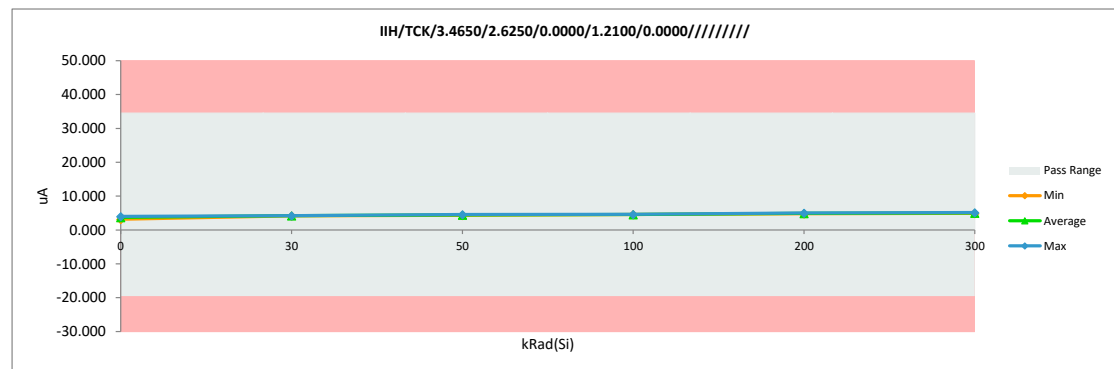
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	4.017	4.017	0.000
0	188A	3.179	3.179	0.000
0	191A	4.017	4.017	0.000
30	181B	4.017	4.246	0.229
30	191B	4.017	4.170	0.152
50	181C	4.017	4.551	0.534
50	191C	4.017	4.322	0.305
100	181D	4.017	4.627	0.610
100	191D	4.017	4.551	0.534
200	181E	4.017	5.008	0.991
200	191E	4.017	4.780	0.762
300	181F	4.017	5.161	1.143
300	191F	4.017	4.932	0.915
Max		4.017	5.161	1.143
Average		3.953	4.428	0.475
Min		3.179	3.179	0.000
Std Dev		0.233	0.527	0.396



IIH/TCK/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	3.179	4.170	4.322	4.551	4.780	4.932
Average	3.738	4.208	4.436	4.589	4.894	5.046
Max	4.017	4.246	4.551	4.627	5.008	5.161
UL	34.500	34.500	34.500	34.500	34.500	34.500

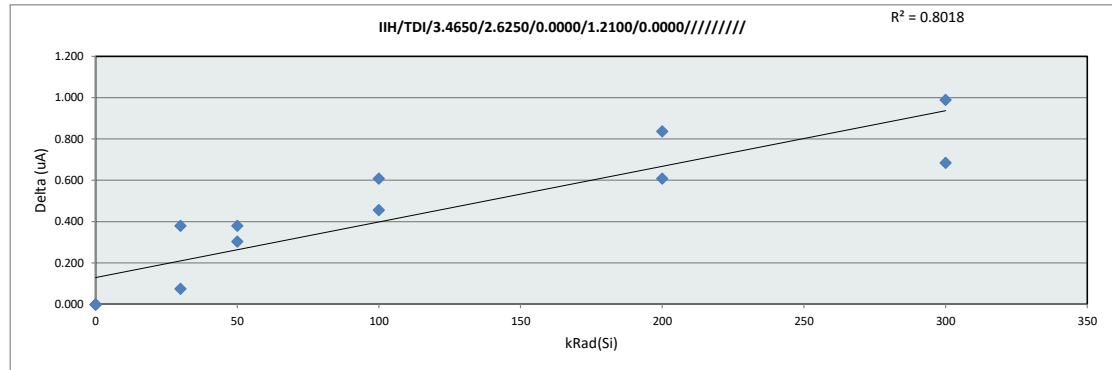


TID Report
DP83561-SP

IIH/TDI/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

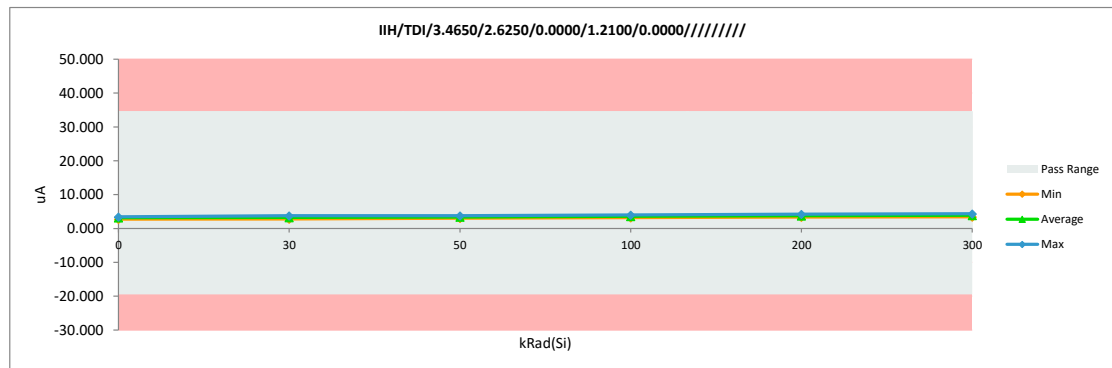
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	2.760	2.760	0.000
0	188A	3.446	3.446	0.000
0	191A	3.370	3.370	0.000
30	181B	2.760	2.836	0.076
30	191B	3.370	3.751	0.381
50	181C	2.760	3.065	0.305
50	191C	3.370	3.751	0.381
100	181D	2.760	3.217	0.457
100	191D	3.370	3.980	0.610
200	181E	2.760	3.370	0.610
200	191E	3.370	4.208	0.839
300	181F	2.760	3.446	0.686
300	191F	3.370	4.361	0.991
Max		3.446	4.361	0.991
Average		3.094	3.504	0.410
Min		2.760	2.760	0.000
Std Dev		0.323	0.491	0.330



IIH/TDI/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	2.760	2.836	3.065	3.217	3.370	3.446
Average	3.192	3.293	3.408	3.598	3.789	3.903
Max	3.446	3.751	3.751	3.980	4.208	4.361
UL	34.500	34.500	34.500	34.500	34.500	34.500

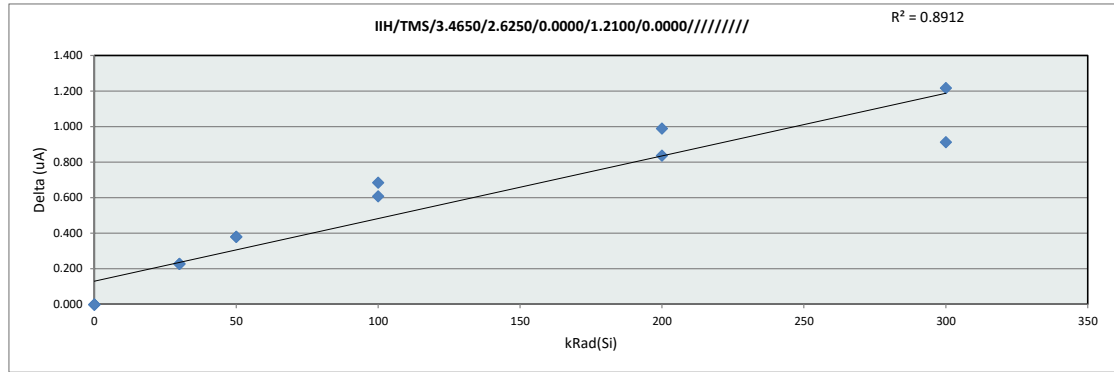


TID Report
DP83561-SP

IIH/TMS/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.49999933	-19.49999933

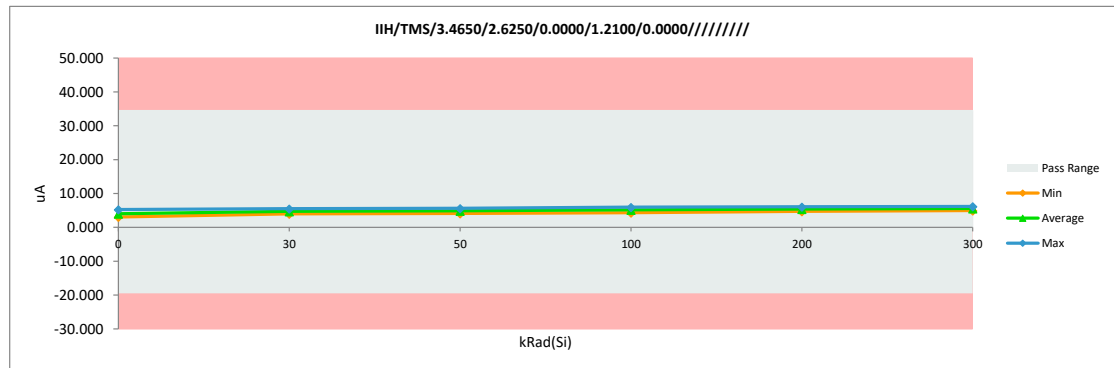
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.742	3.742	0.000
0	188A	3.056	3.056	0.000
0	191A	5.266	5.266	0.000
30	181B	3.742	3.971	0.229
30	191B	5.266	5.495	0.229
50	181C	3.742	4.123	0.381
50	191C	5.266	5.647	0.381
100	181D	3.742	4.352	0.610
100	191D	5.266	5.952	0.686
200	181E	3.742	4.733	0.991
200	191E	5.266	6.105	0.838
300	181F	3.742	4.962	1.219
300	191F	5.266	6.181	0.915
Max		5.266	6.181	1.219
Average		4.393	4.891	0.498
Min		3.056	3.056	0.000
Std Dev		0.861	0.991	0.410



IIH/TMS/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.49999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	3.056	3.971	4.123	4.352	4.733	4.962
Average	4.022	4.733	4.885	5.152	5.419	5.571
Max	5.266	5.495	5.647	5.952	6.105	6.181
UL	34.500	34.500	34.500	34.500	34.500	34.500

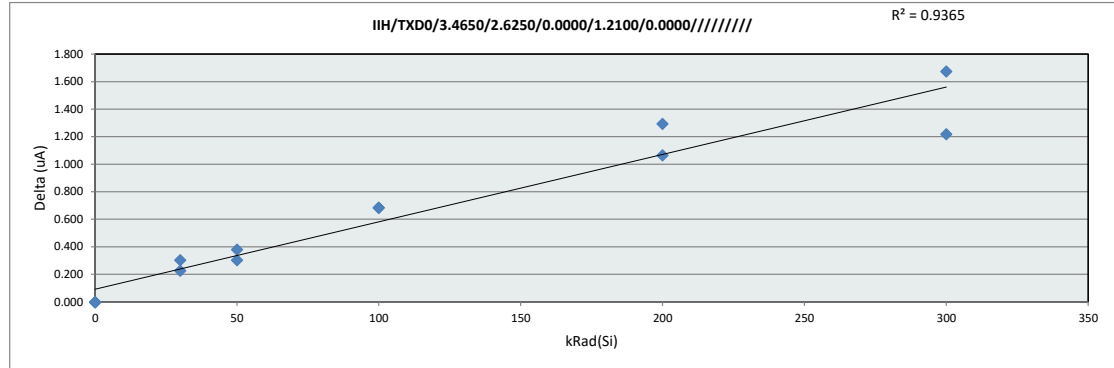


TID Report
DP83561-SP

IIH/TXD0/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

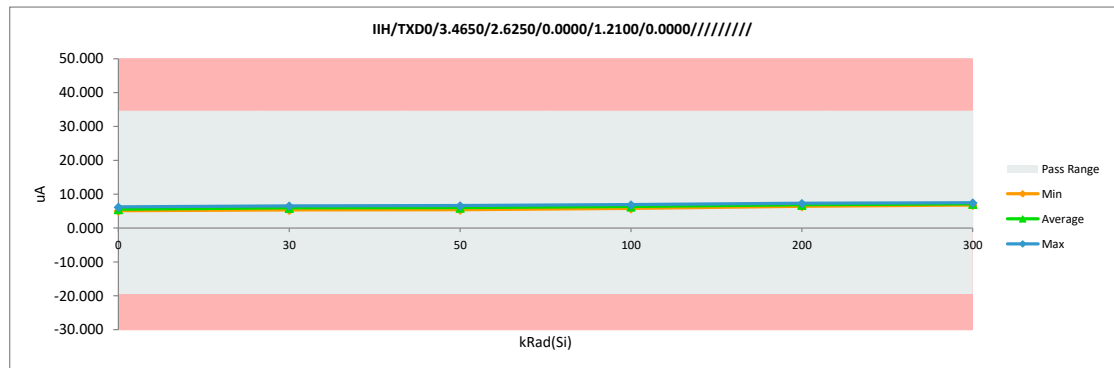
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.122	5.122	0.000
0	188A	5.274	5.274	0.000
0	191A	6.265	6.265	0.000
30	181B	5.122	5.350	0.229
30	191B	6.265	6.570	0.305
50	181C	5.122	5.426	0.305
50	191C	6.265	6.646	0.381
100	181D	5.122	5.807	0.686
100	191D	6.265	6.951	0.686
200	181E	5.122	6.417	1.296
200	191E	6.265	7.332	1.067
300	181F	5.122	6.798	1.677
300	191F	6.265	7.484	1.219
Max		6.265	7.484	1.677
Average		5.661	6.265	0.604
Min		5.122	5.122	0.000
Std Dev		0.583	0.800	0.555



IIH/TXD0/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

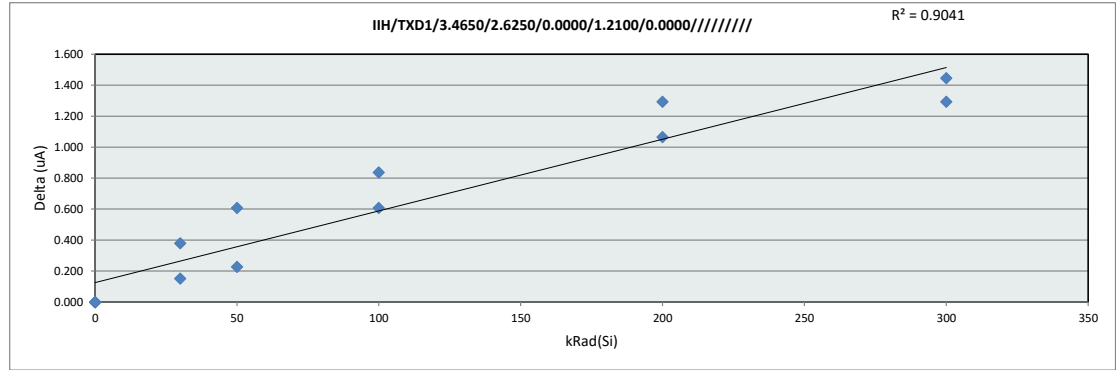
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	5.122	5.350	5.426	5.807	6.417	6.798
Average	5.553	5.960	6.036	6.379	6.874	7.141
Max	6.265	6.570	6.646	6.951	7.332	7.484
UL	34.500	34.500	34.500	34.500	34.500	34.500



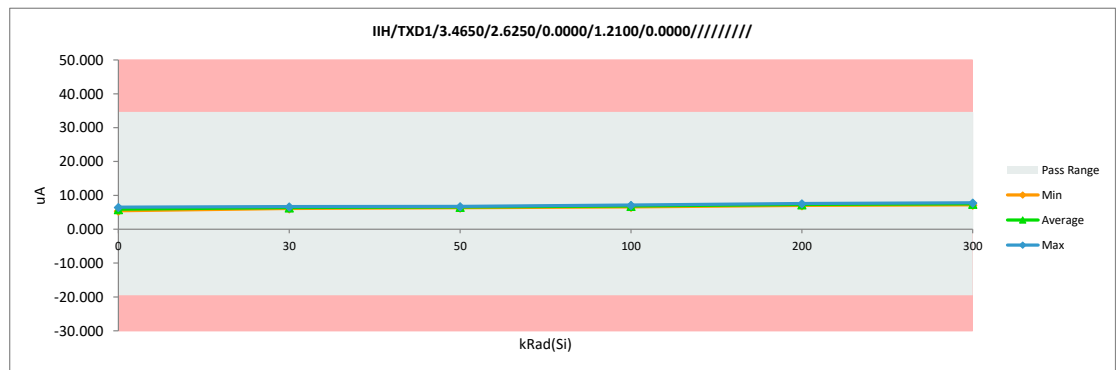
TID Report
DP83561-SP

IIH/TXD1/3.4650/2.6250/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.761	5.761	0.000
0	188A	5.456	5.456	0.000
0	191A	6.523	6.523	0.000
30	181B	5.761	6.142	0.381
30	191B	6.523	6.675	0.152
50	181C	5.761	6.370	0.610
50	191C	6.523	6.751	0.229
100	181D	5.761	6.599	0.838
100	191D	6.523	7.132	0.610
200	181E	5.761	7.056	1.295
200	191E	6.523	7.589	1.067
300	181F	5.761	7.208	1.448
300	191F	6.523	7.818	1.295
Max		6.523	7.818	1.448
Average		6.089	6.698	0.610
Min		5.456	5.456	0.000
Std Dev		0.426	0.678	0.534



IIH/TXD1/3.4650/2.6250/0.0000						
Test Site	SVA					
Tester	UFLEX					
Test Number	PF3386					
Max Limit	34.50000077	uA				
Min Limit	-19.49999933	uA				
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	5.456	6.142	6.370	6.599	7.056	7.208
Average	5.913	6.408	6.561	6.865	7.323	7.513
Max	6.523	6.675	6.751	7.132	7.589	7.818
UL	34.500	34.500	34.500	34.500	34.500	34.500

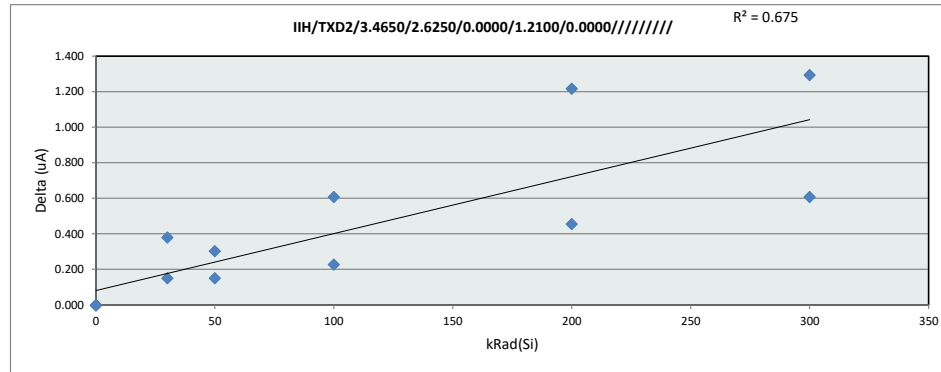


TID Report
DP83561-SP

IIH/TXD2/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

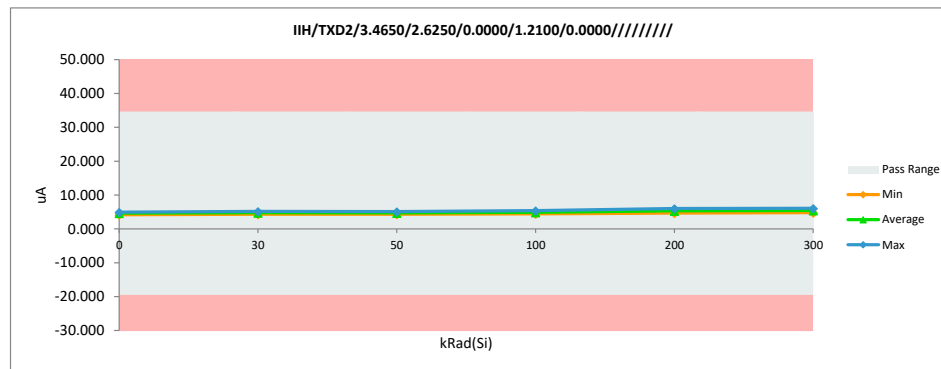
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	4.792	4.792	0.000
0	188A	4.945	4.945	0.000
0	191A	4.183	4.183	0.000
30	181B	4.792	5.173	0.381
30	191B	4.183	4.335	0.152
50	181C	4.792	5.097	0.305
50	191C	4.183	4.335	0.152
100	181D	4.792	5.402	0.610
100	191D	4.183	4.411	0.229
200	181E	4.792	6.011	1.219
200	191E	4.183	4.640	0.457
300	181F	4.792	6.088	1.295
300	191F	4.183	4.792	0.610
Max		4.945	6.088	1.295
Average		4.523	4.939	0.416
Min		4.183	4.183	0.000
Std Dev		0.330	0.611	0.428



IIH/TXD2/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.183	4.335	4.335	4.411	4.640	4.792
Average	4.640	4.754	4.716	4.907	5.326	5.440
Max	4.945	5.173	5.097	5.402	6.011	6.088
UL	34.500	34.500	34.500	34.500	34.500	34.500

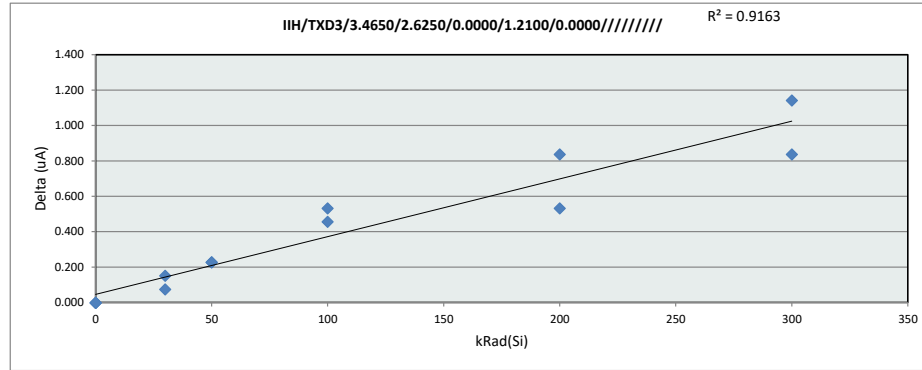


TID Report
DP83561-SP

IIH/TXD3/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

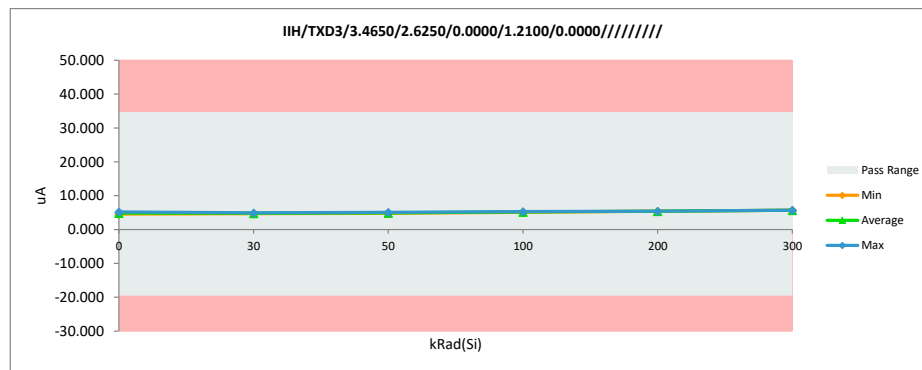
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	4.566	4.566	0.000
0	188A	5.176	5.176	0.000
0	191A	4.871	4.871	0.000
30	181B	4.566	4.718	0.152
30	191B	4.871	4.947	0.076
50	181C	4.566	4.795	0.229
50	191C	4.871	5.100	0.229
100	181D	4.566	5.100	0.534
100	191D	4.871	5.328	0.457
200	181E	4.566	5.404	0.838
200	191E	4.871	5.404	0.534
300	181F	4.566	5.709	1.143
300	191F	4.871	5.709	0.838
Max		5.176	5.709	1.143
Average		4.754	5.141	0.387
Min		4.566	4.566	0.000
Std Dev		0.198	0.361	0.374



IIH/TXD3/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.566	4.718	4.795	5.100	5.404	5.709
Average	4.871	4.833	4.947	5.214	5.404	5.709
Max	5.176	4.947	5.100	5.328	5.404	5.709
UL	34.500	34.500	34.500	34.500	34.500	34.500

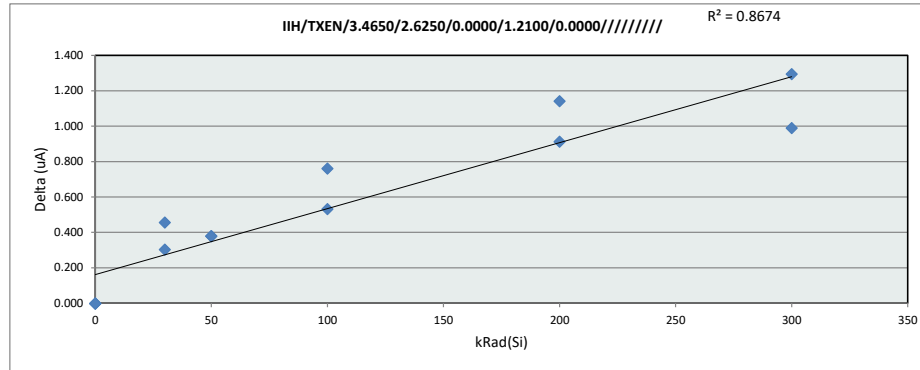


TID Report
DP83561-SP

IIH/TXEN/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

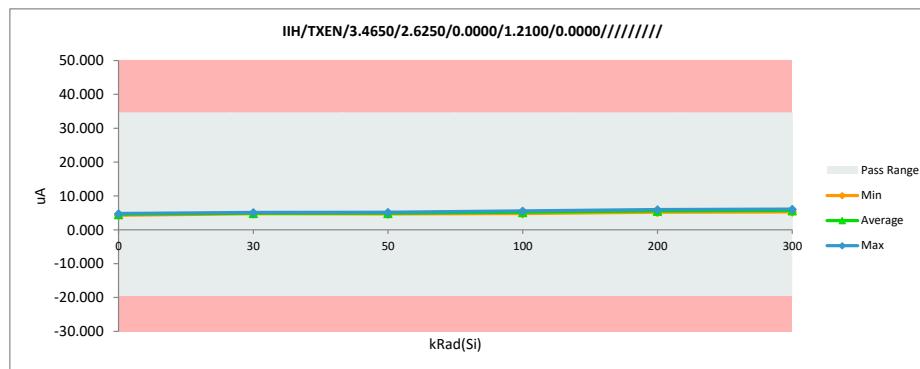
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	4.300	4.300	0.000
0	188A	4.681	4.681	0.000
0	191A	4.833	4.833	0.000
30	181B	4.300	4.757	0.457
30	191B	4.833	5.138	0.305
50	181C	4.300	4.681	0.381
50	191C	4.833	5.214	0.381
100	181D	4.300	4.833	0.534
100	191D	4.833	5.596	0.762
200	181E	4.300	5.214	0.915
200	191E	4.833	5.977	1.144
300	181F	4.300	5.291	0.991
300	191F	4.833	6.129	1.296
Max		4.833	6.129	1.296
Average		4.575	5.127	0.551
Min		4.300	4.300	0.000
Std Dev		0.269	0.531	0.439



IIH/TXEN/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

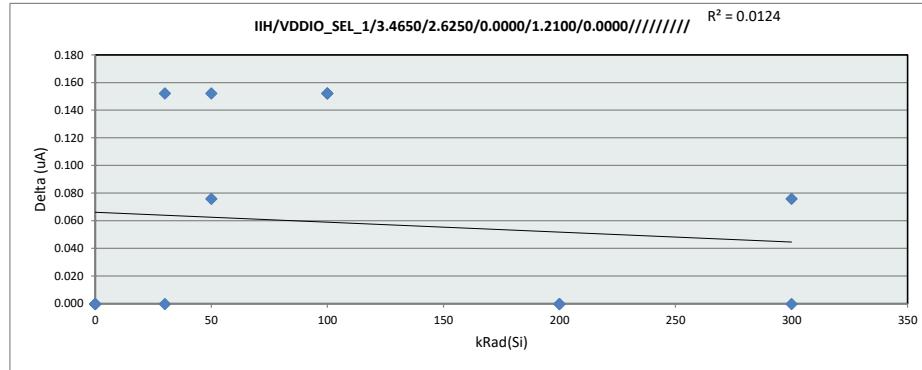
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.300	4.757	4.681	4.833	5.214	5.291
Average	4.605	4.948	4.948	5.214	5.596	5.710
Max	4.833	5.138	5.214	5.596	5.977	6.129
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

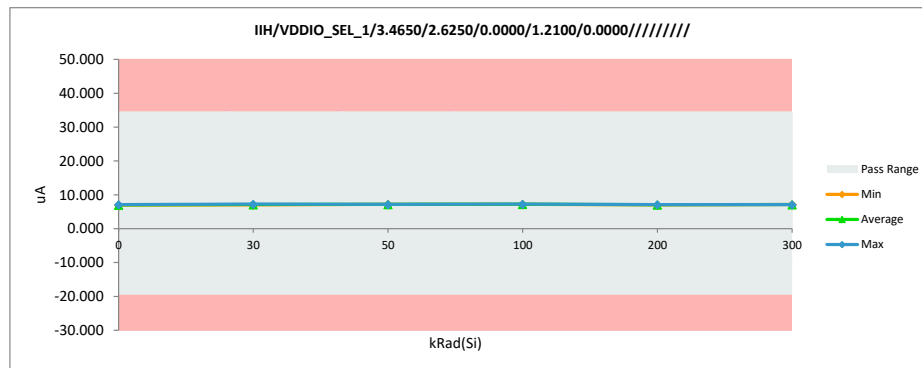
IIH/VDDIO_SEL_1/3.4650/2.62		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	7.117	7.117	0.000
0	188A	6.964	6.964	0.000
0	191A	7.040	7.040	0.000
30	181B	7.117	7.269	0.152
30	191B	7.040	7.040	0.000
50	181C	7.117	7.193	0.076
50	191C	7.040	7.193	0.152
100	181D	7.117	7.269	0.152
100	191D	7.040	7.193	0.152
200	181E	7.117	7.117	0.000
200	191E	7.040	7.040	0.000
300	181F	7.117	7.117	0.000
300	191F	7.040	7.117	0.076
Max		7.117	7.269	0.152
Average		7.070	7.128	0.059
Min		6.964	6.964	0.000
Std Dev		0.050	0.093	0.071



IIH/VDDIO_SEL_1/3.4650/2.62		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	34.5000077	uA
Min Limit	-19.4999933	uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	6.964	7.040	7.193	7.193	7.040	7.117
Average	7.040	7.155	7.193	7.231	7.079	7.117
Max	7.117	7.269	7.193	7.269	7.117	7.117
UL	34.500	34.500	34.500	34.500	34.500	34.500

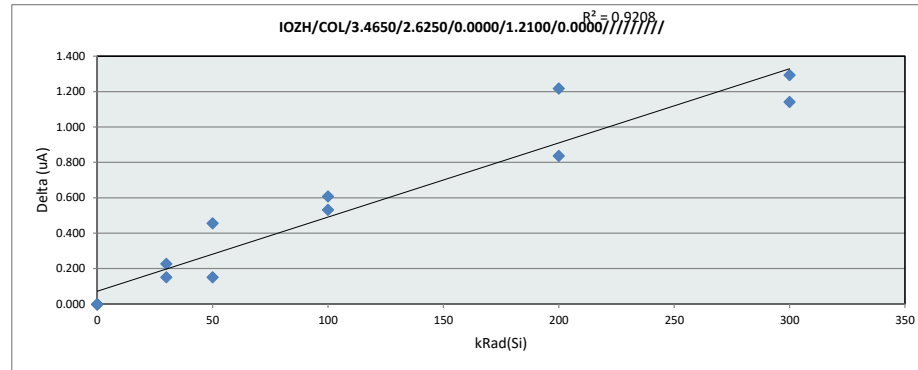


TID Report
DP83561-SP

IOZH/COL/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

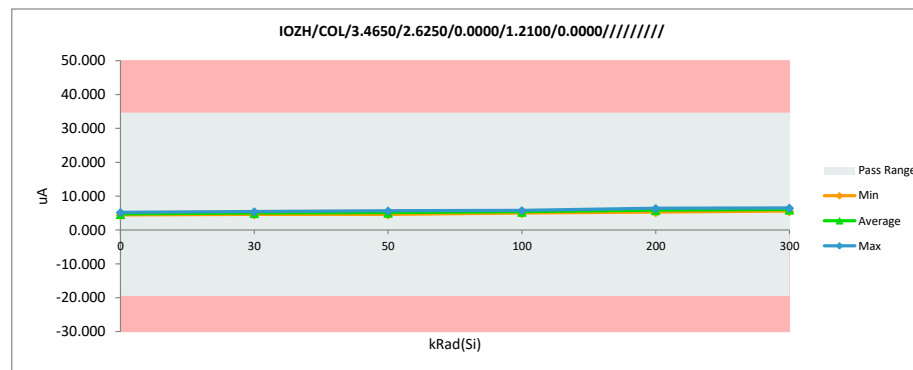
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.220	5.220	0.000
0	188A	4.534	4.534	0.000
0	191A	4.458	4.458	0.000
30	181B	5.220	5.449	0.229
30	191B	4.458	4.610	0.152
50	181C	5.220	5.677	0.457
50	191C	4.458	4.610	0.152
100	181D	5.220	5.830	0.610
100	191D	4.458	4.991	0.533
200	181E	5.220	6.439	1.219
200	191E	4.458	5.296	0.838
300	181F	5.220	6.515	1.295
300	191F	4.458	5.601	1.143
Max		5.220	6.515	1.295
Average		4.815	5.325	0.510
Min		4.458	4.458	0.000
Std Dev		0.390	0.686	0.479



IOZH/COL/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.50000077 uA
Min Limit	-19.49999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.458	4.610	4.610	4.991	5.296	5.601
Average	4.737	5.029	5.144	5.410	5.868	6.058
Max	5.220	5.449	5.677	5.830	6.439	6.515
UL	34.500	34.500	34.500	34.500	34.500	34.500

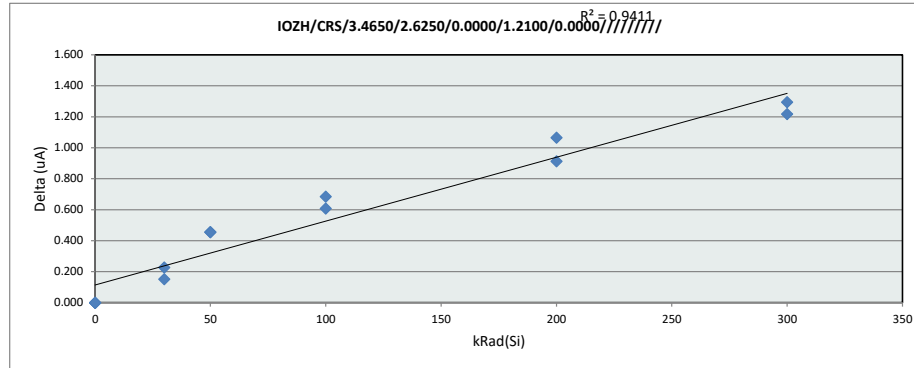


TID Report
DP83561-SP

IOZH/CRS/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

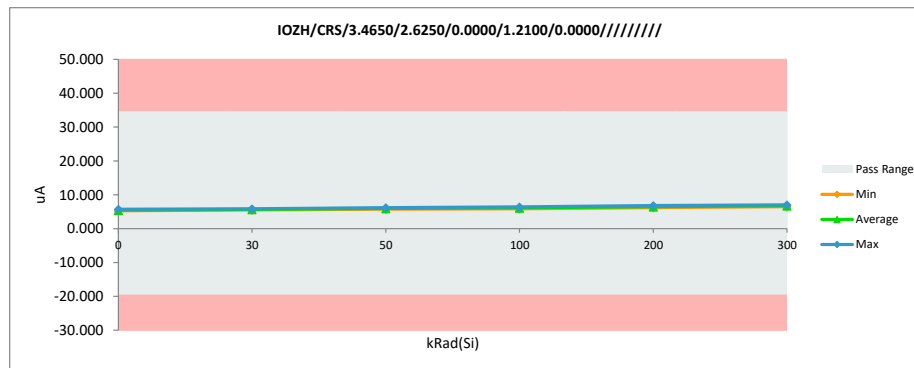
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.282	5.282	0.000
0	188A	5.358	5.358	0.000
0	191A	5.739	5.739	0.000
30	181B	5.282	5.511	0.229
30	191B	5.739	5.892	0.152
50	181C	5.282	5.739	0.457
50	191C	5.739	6.197	0.457
100	181D	5.282	5.892	0.610
100	191D	5.739	6.425	0.686
200	181E	5.282	6.197	0.915
200	191E	5.739	6.806	1.067
300	181F	5.282	6.502	1.220
300	191F	5.739	7.035	1.296
Max		5.739	7.035	1.296
Average		5.499	6.044	0.545
Min		5.282	5.282	0.000
Std Dev		0.233	0.543	0.467



IOZH/CRS/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	5.282	5.511	5.739	5.892	6.197	6.502
Average	5.460	5.701	5.968	6.159	6.502	6.768
Max	5.739	5.892	6.197	6.425	6.806	7.035
UL	34.500	34.500	34.500	34.500	34.500	34.500

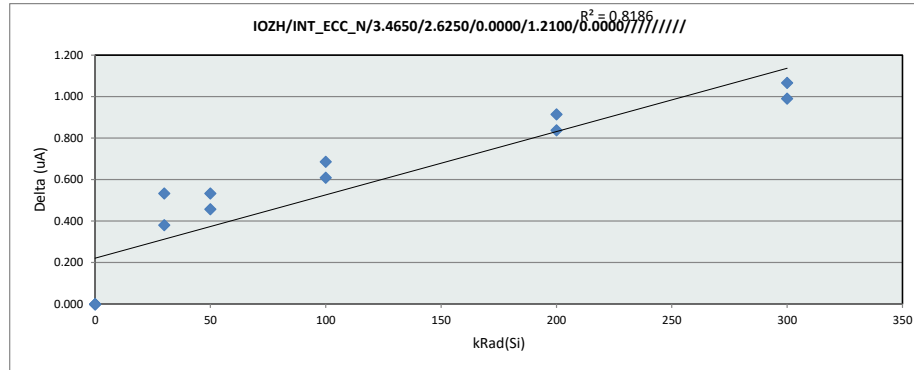


TID Report
DP83561-SP

IOZH/INT_ECC_N/3.4650/2.625

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

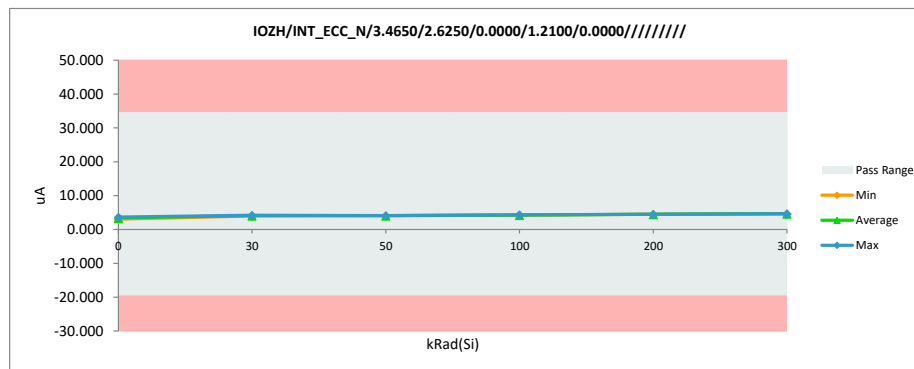
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.586	3.586	0.000
0	188A	3.052	3.052	0.000
0	191A	3.662	3.662	0.000
30	181B	3.586	3.967	0.381
30	191B	3.662	4.196	0.534
50	181C	3.586	4.120	0.534
50	191C	3.662	4.120	0.458
100	181D	3.586	4.196	0.610
100	191D	3.662	4.349	0.687
200	181E	3.586	4.501	0.916
200	191E	3.662	4.501	0.839
300	181F	3.586	4.654	1.068
300	191F	3.662	4.654	0.992
Max		3.662	4.654	1.068
Average		3.580	4.120	0.540
Min		3.052	3.052	0.000
Std Dev		0.163	0.464	0.370



IOZH/INT_ECC_N/3.4650/2.625

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	3.052	3.967	4.120	4.196	4.501	4.654
Average	3.433	4.082	4.120	4.272	4.501	4.654
Max	3.662	4.196	4.120	4.349	4.501	4.654
UL	34.500	34.500	34.500	34.500	34.500	34.500

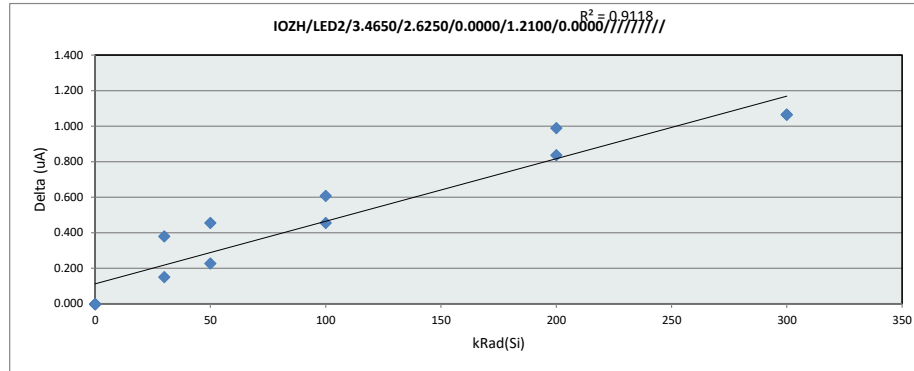


TID Report
DP83561-SP

IOZH/LED2/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

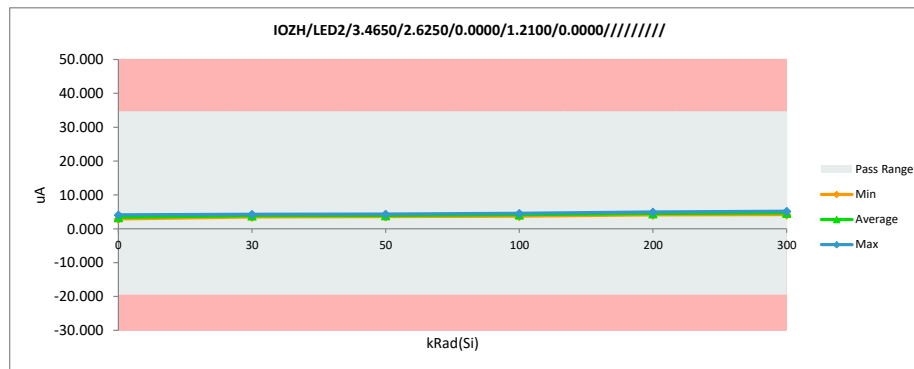
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	3.131	3.131	0.000
0	188A	2.903	2.903	0.000
0	191A	4.122	4.122	0.000
30	181B	3.131	3.512	0.381
30	191B	4.122	4.274	0.152
50	181C	3.131	3.588	0.457
50	191C	4.122	4.350	0.229
100	181D	3.131	3.741	0.609
100	191D	4.122	4.579	0.457
200	181E	3.131	4.122	0.990
200	191E	4.122	4.960	0.838
300	181F	3.131	4.198	1.067
300	191F	4.122	5.188	1.067
Max		4.122	5.188	1.067
Average		3.571	4.051	0.481
Min		2.903	2.903	0.000
Std Dev		0.534	0.667	0.405



IOZH/LED2/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	2.903	3.512	3.588	3.741	4.122	4.198
Average	3.385	3.893	3.969	4.160	4.541	4.693
Max	4.122	4.274	4.350	4.579	4.960	5.188
UL	34.500	34.500	34.500	34.500	34.500	34.500

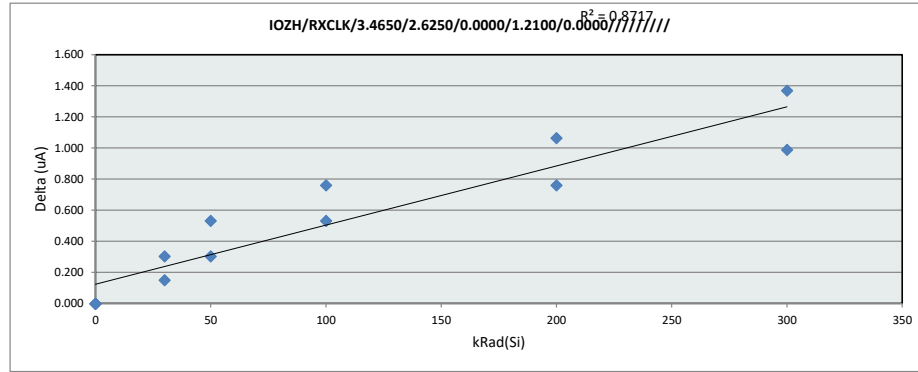


TID Report
DP83561-SP

IOZH/RXCLK/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

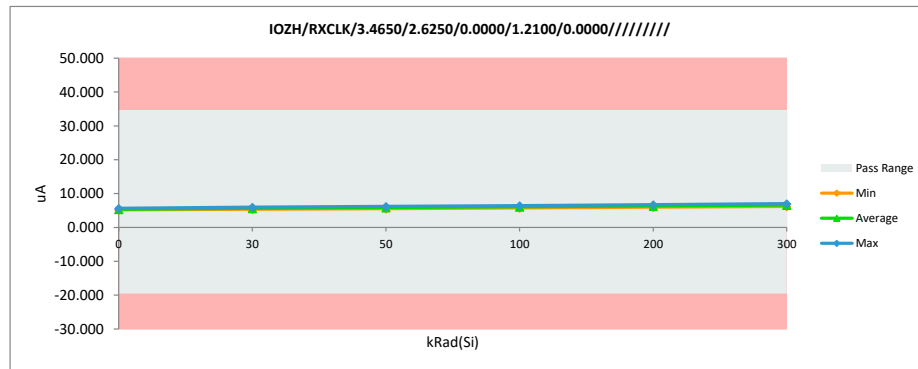
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.210	5.210	0.000
0	188A	5.210	5.210	0.000
0	191A	5.667	5.667	0.000
30	181B	5.210	5.363	0.152
30	191B	5.667	5.972	0.305
50	181C	5.210	5.515	0.305
50	191C	5.667	6.201	0.533
100	181D	5.210	5.743	0.533
100	191D	5.667	6.429	0.762
200	181E	5.210	5.972	0.762
200	191E	5.667	6.734	1.066
300	181F	5.210	6.201	0.990
300	191F	5.667	7.038	1.371
Max		5.667	7.038	1.371
Average		5.421	5.943	0.521
Min		5.210	5.210	0.000
Std Dev		0.237	0.570	0.447



IOZH/RXCLK/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	5.210	5.363	5.515	5.743	5.972	6.201
Average	5.363	5.667	5.858	6.086	6.353	6.619
Max	5.667	5.972	6.201	6.429	6.734	7.038
UL	34.500	34.500	34.500	34.500	34.500	34.500

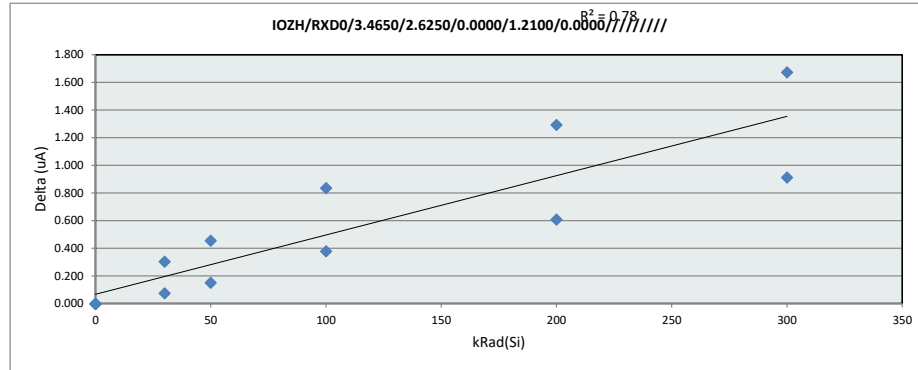


TID Report
DP83561-SP

IOZH/RXD0/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

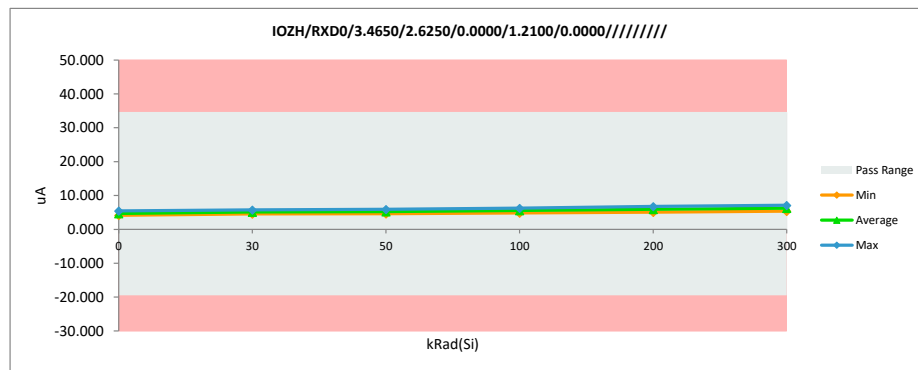
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.454	5.454	0.000
0	188A	4.159	4.159	0.000
0	191A	4.464	4.464	0.000
30	181B	5.454	5.759	0.305
30	191B	4.464	4.540	0.076
50	181C	5.454	5.912	0.457
50	191C	4.464	4.616	0.152
100	181D	5.454	6.292	0.838
100	191D	4.464	4.845	0.381
200	181E	5.454	6.749	1.295
200	191E	4.464	5.074	0.609
300	181F	5.454	7.130	1.676
300	191F	4.464	5.378	0.914
Max		5.454	7.130	1.676
Average		4.898	5.413	0.516
Min		4.159	4.159	0.000
Std Dev		0.543	0.921	0.533



IOZH/RXD0/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.159	4.540	4.616	4.845	5.074	5.378
Average	4.693	5.150	5.264	5.569	5.912	6.254
Max	5.454	5.759	5.912	6.292	6.749	7.130
UL	34.500	34.500	34.500	34.500	34.500	34.500

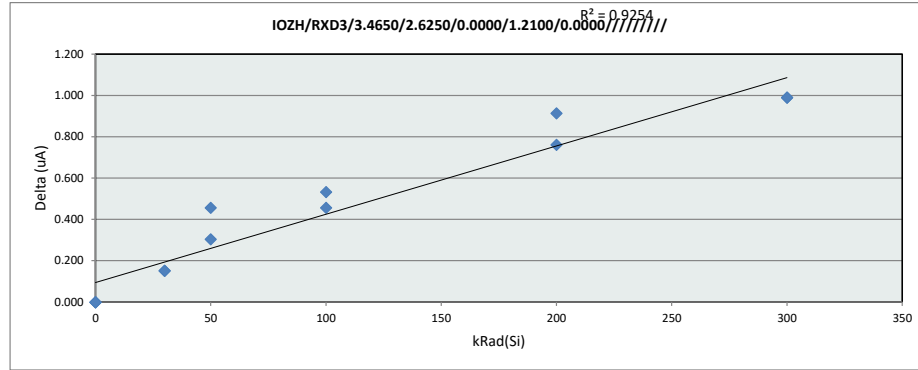


TID Report
DP83561-SP

IOZH/RXD3/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

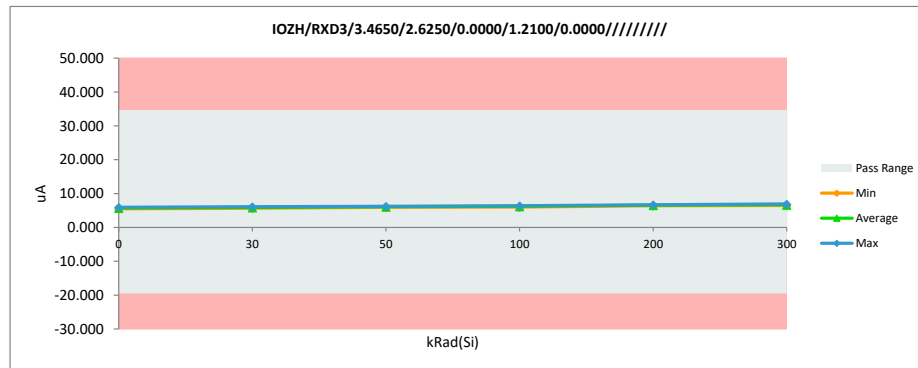
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.495	5.495	0.000
0	188A	5.800	5.800	0.000
0	191A	5.952	5.952	0.000
30	181B	5.495	5.648	0.152
30	191B	5.952	6.105	0.152
50	181C	5.495	5.952	0.457
50	191C	5.952	6.257	0.305
100	181D	5.495	6.029	0.534
100	191D	5.952	6.410	0.457
200	181E	5.495	6.410	0.915
200	191E	5.952	6.715	0.762
300	181F	5.495	6.486	0.991
300	191F	5.952	6.943	0.991
Max		5.952	6.943	0.991
Average		5.730	6.169	0.440
Min		5.495	5.495	0.000
Std Dev		0.230	0.418	0.377



IOZH/RXD3/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	5.495	5.648	5.952	6.029	6.410	6.486
Average	5.749	5.876	6.105	6.219	6.562	6.715
Max	5.952	6.105	6.257	6.410	6.715	6.943
UL	34.500	34.500	34.500	34.500	34.500	34.500

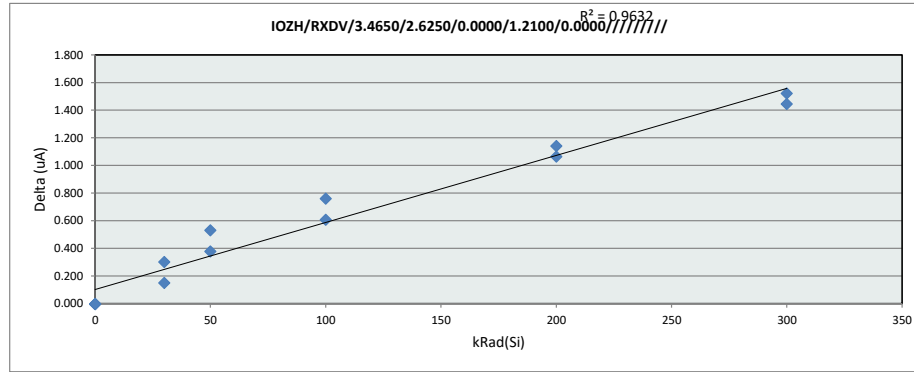


TID Report
DP83561-SP

IOZH/RXDV/3.4650/2.6250/0.0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

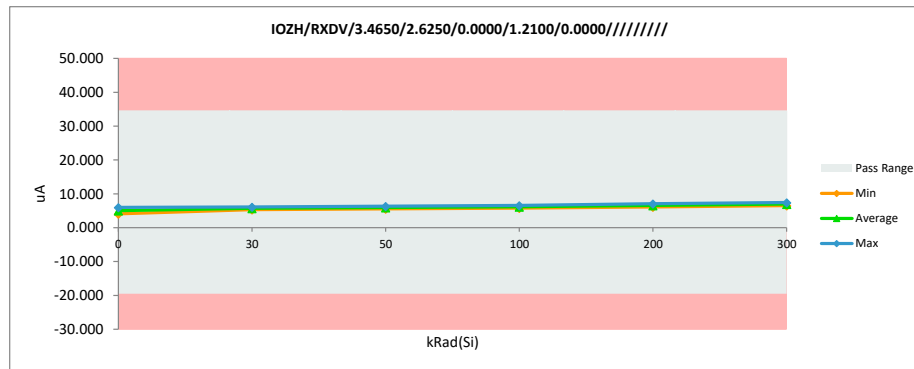
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.001	5.001	0.000
0	188A	4.086	4.086	0.000
0	191A	5.991	5.991	0.000
30	181B	5.001	5.305	0.305
30	191B	5.991	6.144	0.152
50	181C	5.001	5.534	0.534
50	191C	5.991	6.373	0.381
100	181D	5.001	5.763	0.762
100	191D	5.991	6.601	0.610
200	181E	5.001	6.144	1.143
200	191E	5.991	7.059	1.067
300	181F	5.001	6.525	1.525
300	191F	5.991	7.440	1.448
Max		5.991	7.440	1.525
Average		5.388	5.997	0.610
Min		4.086	4.086	0.000
Std Dev		0.631	0.886	0.543



IOZH/RXDV/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

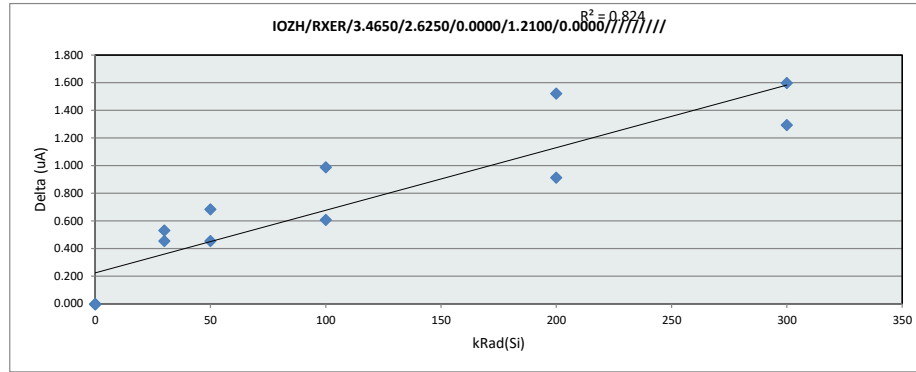
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	4.086	5.305	5.534	5.763	6.144	6.525
Average	5.026	5.725	5.953	6.182	6.601	6.982
Max	5.991	6.144	6.373	6.601	7.059	7.440
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
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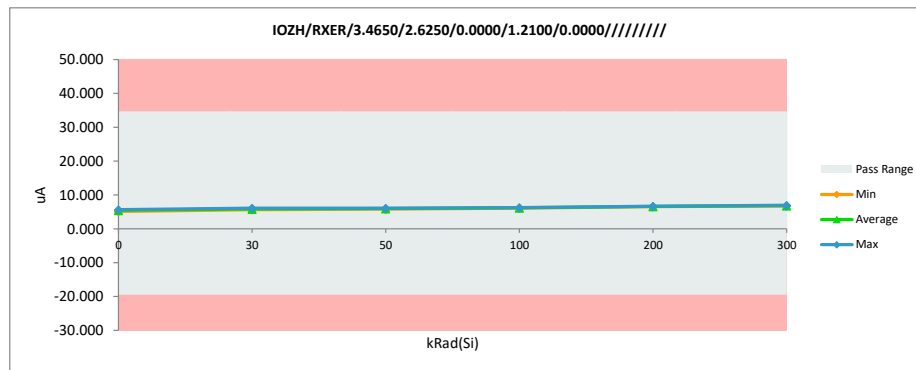
IOZH/RXER/3.4650/2.6250/0.0000/1.2100/0.0000/1.1111/1.1111		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	5.131	5.131	0.000
0	188A	5.664	5.664	0.000
0	191A	5.664	5.664	0.000
30	181B	5.131	5.664	0.534
30	191B	5.664	6.122	0.457
50	181C	5.131	5.817	0.686
50	191C	5.664	6.122	0.457
100	181D	5.131	6.122	0.991
100	191D	5.664	6.274	0.610
200	181E	5.131	6.655	1.525
200	191E	5.664	6.579	0.915
300	181F	5.131	6.731	1.601
300	191F	5.664	6.960	1.296
Max		5.664	6.960	1.601
Average		5.418	6.116	0.698
Min		5.131	5.131	0.000
Std Dev		0.277	0.524	0.548



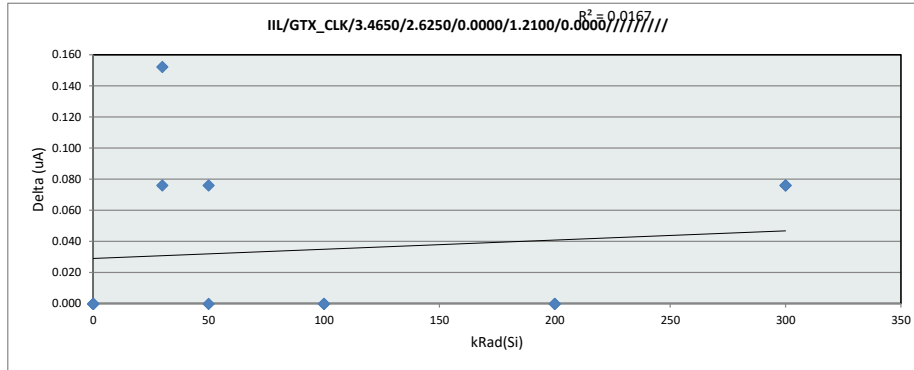
IOZH/RXER/3.4650/2.6250/0.0000/1.2100/0.0000/1.1111/1.1111		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	34.5000077	uA
Min Limit	-19.4999933	uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	5.131	5.664	5.817	6.122	6.579	6.731
Average	5.486	5.893	5.969	6.198	6.617	6.846
Max	5.664	6.122	6.122	6.274	6.655	6.960
UL	34.500	34.500	34.500	34.500	34.500	34.500

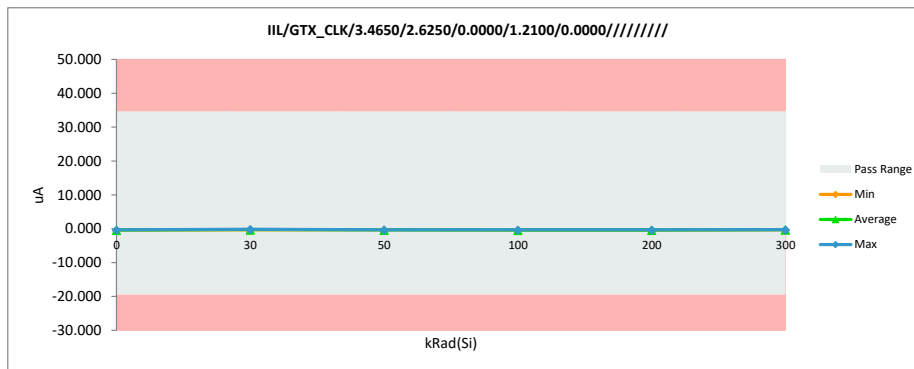


TID Report
DP83561-SP

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.389	-0.389	0.000
0	188A	-0.389	-0.389	0.000
0	191A	-0.312	-0.312	0.000
30	181B	-0.389	-0.312	0.076
30	191B	-0.312	-0.160	0.152
50	181C	-0.389	-0.312	0.076
50	191C	-0.312	-0.312	0.000
100	181D	-0.389	-0.389	0.000
100	191D	-0.312	-0.312	0.000
200	181E	-0.389	-0.389	0.000
200	191E	-0.312	-0.312	0.000
300	181F	-0.389	-0.312	0.076
300	191F	-0.312	-0.236	0.076
Max		-0.312	-0.160	0.152
Average		-0.353	-0.318	0.035
Min		-0.389	-0.389	0.000
Std Dev		0.040	0.066	0.050



kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.389	-0.312	-0.312	-0.389	-0.389	-0.312
Average	-0.363	-0.236	-0.312	-0.350	-0.350	-0.274
Max	-0.312	-0.160	-0.312	-0.312	-0.312	-0.236
UL	34.500	34.500	34.500	34.500	34.500	34.500

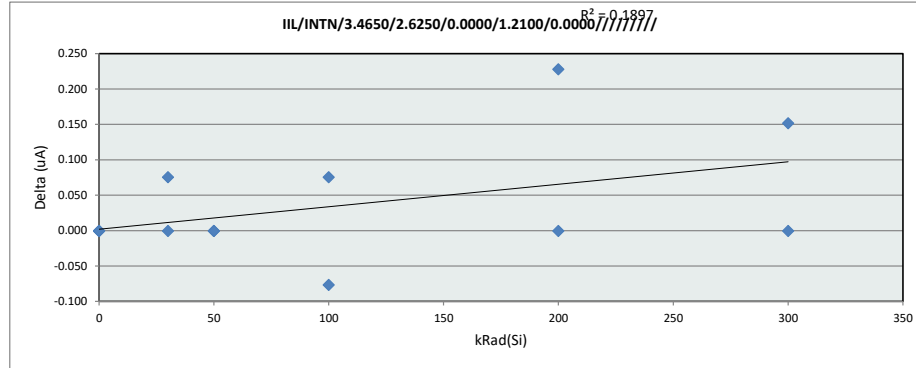


TID Report
DP83561-SP

IIL/INTN/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.49999933	-19.49999933

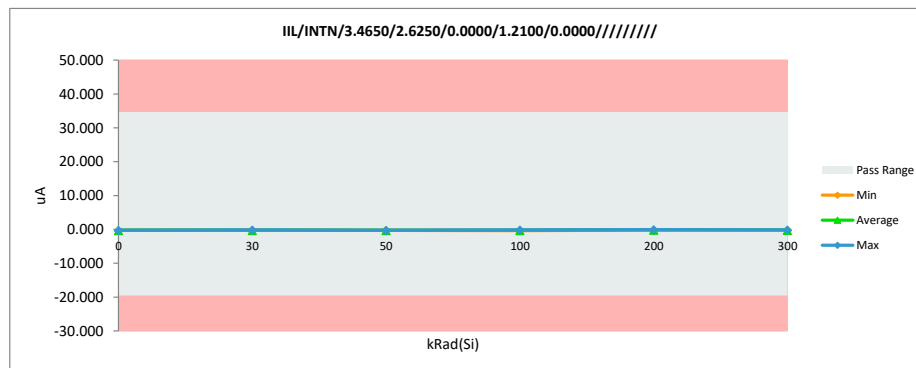
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.213	-0.213	0.000
0	188A	-0.213	-0.213	0.000
0	191A	-0.290	-0.290	0.000
30	181B	-0.213	-0.137	0.076
30	191B	-0.290	-0.290	0.000
50	181C	-0.213	-0.213	0.000
50	191C	-0.290	-0.290	0.000
100	181D	-0.213	-0.137	0.076
100	191D	-0.290	-0.366	-0.076
200	181E	-0.213	-0.213	0.000
200	191E	-0.290	-0.061	0.229
300	181F	-0.213	-0.213	0.000
300	191F	-0.290	-0.137	0.152
Max		-0.213	-0.061	0.229
Average		-0.249	-0.213	0.035
Min		-0.290	-0.366	-0.076
Std Dev		0.040	0.082	0.080



IIL/INTN/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.49999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.290	-0.290	-0.290	-0.366	-0.213	-0.213
Average	-0.239	-0.213	-0.251	-0.251	-0.137	-0.175
Max	-0.213	-0.137	-0.213	-0.137	-0.061	-0.137
UL	34.500	34.500	34.500	34.500	34.500	34.500

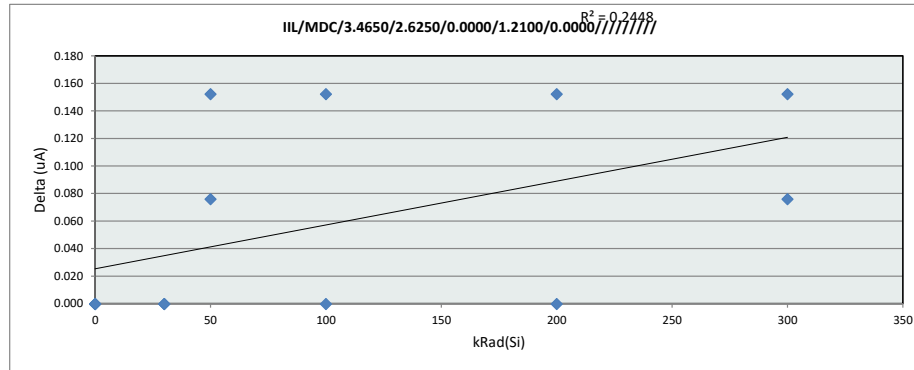


TID Report
DP83561-SP

IIL/MDC/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

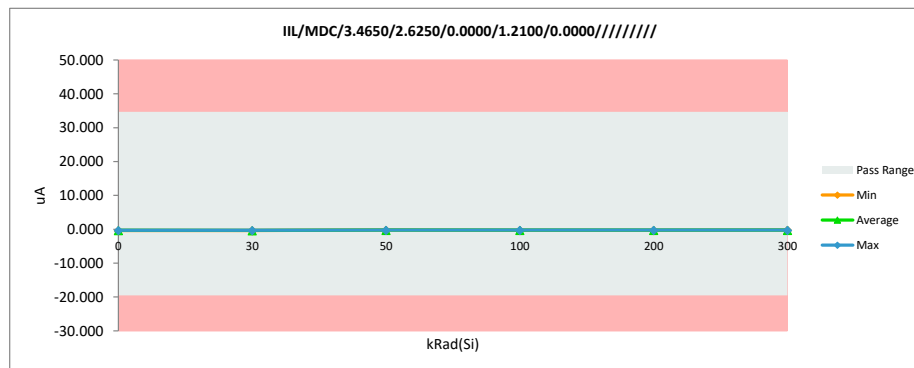
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.297	-0.297	0.000
0	188A	-0.297	-0.297	0.000
0	191A	-0.373	-0.373	0.000
30	181B	-0.297	-0.297	0.000
30	191B	-0.373	-0.373	0.000
50	181C	-0.297	-0.221	0.076
50	191C	-0.373	-0.221	0.152
100	181D	-0.297	-0.297	0.000
100	191D	-0.373	-0.221	0.152
200	181E	-0.297	-0.297	0.000
200	191E	-0.373	-0.221	0.152
300	181F	-0.297	-0.221	0.076
300	191F	-0.373	-0.221	0.152
Max		-0.297	-0.221	0.152
Average		-0.332	-0.274	0.059
Min		-0.373	-0.373	0.000
Std Dev		0.040	0.057	0.071



IIL/MDC/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.50000077 uA
Min Limit	-19.49999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.373	-0.373	-0.221	-0.297	-0.297	-0.221
Average	-0.323	-0.335	-0.221	-0.259	-0.259	-0.221
Max	-0.297	-0.297	-0.221	-0.221	-0.221	-0.221
UL	34.500	34.500	34.500	34.500	34.500	34.500

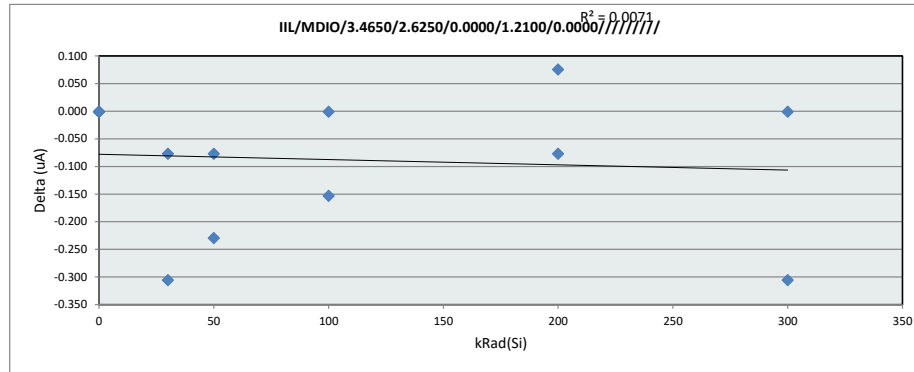


TID Report
DP83561-SP

IIL/MDIO/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

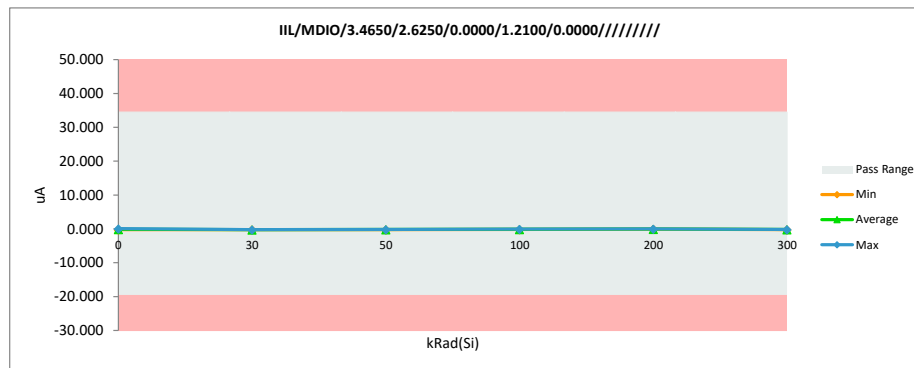
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.084	0.084	0.000
0	188A	-0.221	-0.221	0.000
0	191A	-0.145	-0.145	0.000
30	181B	0.084	-0.221	-0.305
30	191B	-0.145	-0.221	-0.076
50	181C	0.084	-0.145	-0.229
50	191C	-0.145	-0.221	-0.076
100	181D	0.084	-0.069	-0.152
100	191D	-0.145	-0.145	0.000
200	181E	0.084	0.008	-0.076
200	191E	-0.145	-0.069	0.076
300	181F	0.084	-0.221	-0.305
300	191F	-0.145	-0.145	0.000
Max		0.084	0.084	0.076
Average		-0.045	-0.133	-0.088
Min		-0.221	-0.221	-0.305
Std Dev		0.126	0.098	0.124



IIL/MDIO/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

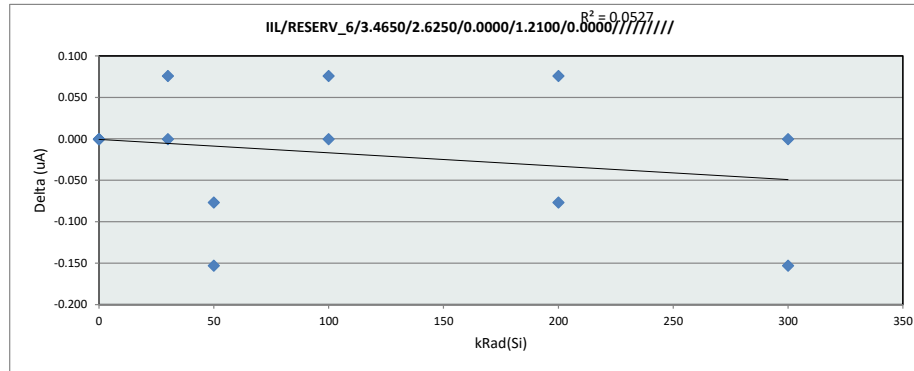
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.221	-0.221	-0.221	-0.145	-0.069	-0.221
Average	-0.094	-0.221	-0.183	-0.107	-0.030	-0.183
Max	0.084	-0.221	-0.145	-0.069	0.008	-0.145
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

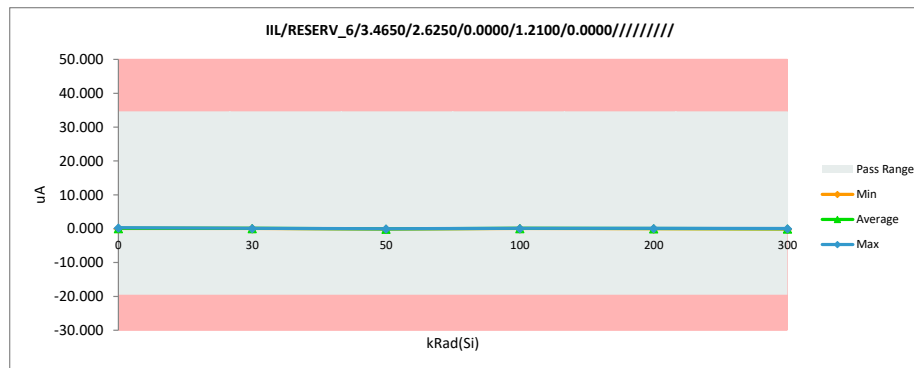
IIL/RESERV_6/3.4650/2.6250/0.0000/1.2100/0.0000/1.1111/1.1111		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.061	0.061	0.000
0	188A	0.290	0.290	0.000
0	191A	0.061	0.061	0.000
30	181B	0.061	0.061	0.000
30	191B	0.061	0.137	0.076
50	181C	0.061	-0.092	-0.153
50	191C	0.061	-0.015	-0.076
100	181D	0.061	0.061	0.000
100	191D	0.061	0.137	0.076
200	181E	0.061	-0.015	-0.076
200	191E	0.061	0.137	0.076
300	181F	0.061	0.061	0.000
300	191F	0.061	-0.092	-0.153
Max		0.290	0.290	0.076
Average		0.079	0.061	-0.018
Min		0.061	-0.092	-0.153
Std Dev		0.063	0.103	0.077



IIL/RESERV_6/3.4650/2.6250/0.0000/1.2100/0.0000/1.1111/1.1111		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	34.5000077	uA
Min Limit	-19.4999933	uA

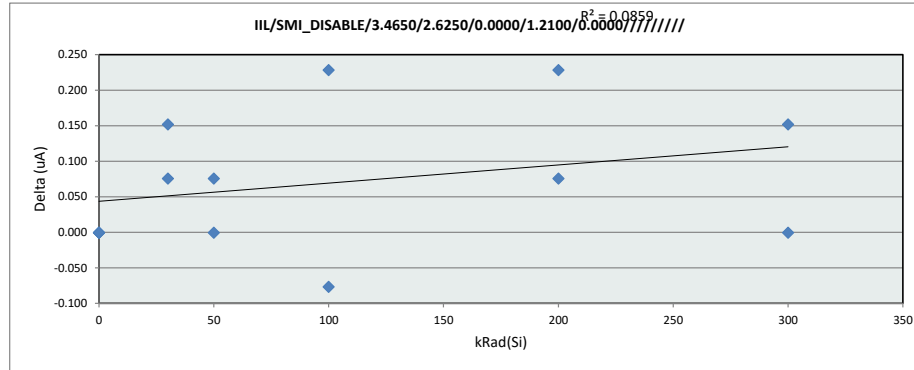
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	0.061	0.061	-0.092	0.061	-0.015	-0.092
Average	0.137	0.099	-0.053	0.099	0.061	-0.015
Max	0.290	0.137	-0.015	0.137	0.137	0.061
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

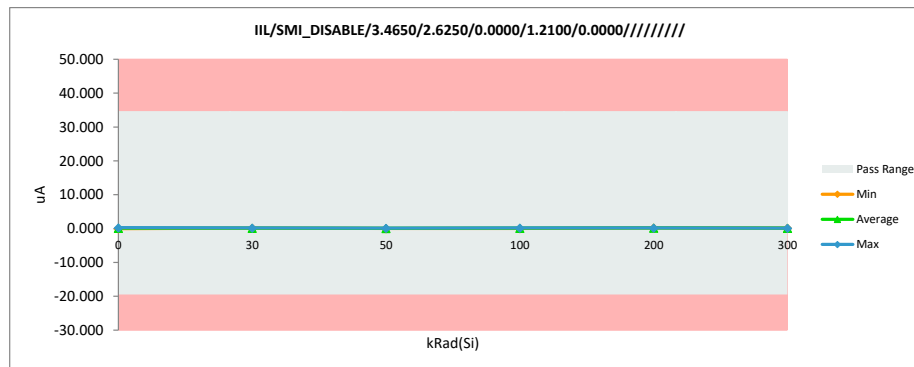
IIL/SMI_DISABLE/3.4650/2.6250		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.49999933	-19.49999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.023	-0.023	0.000
0	188A	0.282	0.282	0.000
0	191A	0.130	0.130	0.000
30	181B	-0.023	0.130	0.152
30	191B	0.130	0.206	0.076
50	181C	-0.023	0.053	0.076
50	191C	0.130	0.130	0.000
100	181D	-0.023	0.206	0.229
100	191D	0.130	0.053	-0.076
200	181E	-0.023	0.206	0.229
200	191E	0.130	0.206	0.076
300	181F	-0.023	0.130	0.152
300	191F	0.130	0.130	0.000
Max		0.282	0.282	0.229
Average		0.071	0.141	0.070
Min		-0.023	-0.023	-0.076
Std Dev		0.099	0.081	0.096



IIL/SMI_DISABLE/3.4650/2.6250		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	34.5000077	uA
Min Limit	-19.49999933	uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.023	0.130	0.053	0.053	0.206	0.130
Average	0.130	0.168	0.091	0.130	0.206	0.130
Max	0.282	0.206	0.130	0.206	0.206	0.130
UL	34.500	34.500	34.500	34.500	34.500	34.500

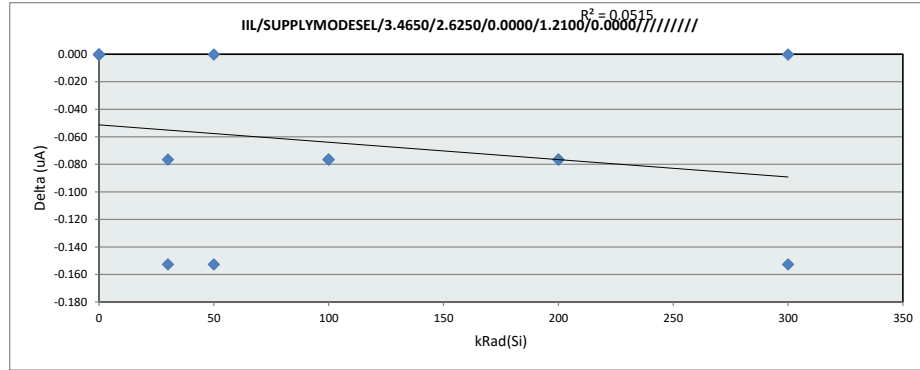


TID Report
DP83561-SP

IIL/SUPPLYMODESEL/3.4650/2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

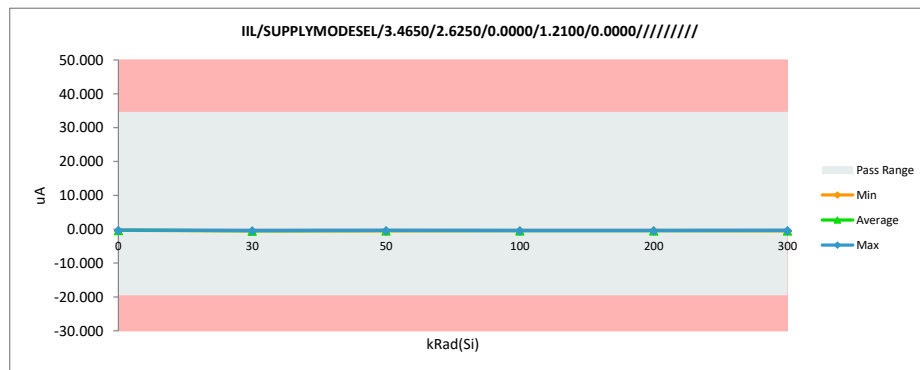
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.328	-0.328	0.000
0	188A	-0.252	-0.252	0.000
0	191A	-0.328	-0.328	0.000
30	181B	-0.328	-0.404	-0.076
30	191B	-0.328	-0.480	-0.152
50	181C	-0.328	-0.480	-0.152
50	191C	-0.328	-0.328	0.000
100	181D	-0.328	-0.404	-0.076
100	191D	-0.328	-0.404	-0.076
200	181E	-0.328	-0.404	-0.076
200	191E	-0.328	-0.404	-0.076
300	181F	-0.328	-0.480	-0.152
300	191F	-0.328	-0.328	0.000
Max		-0.252	-0.252	0.000
Average		-0.322	-0.386	-0.065
Min		-0.328	-0.480	-0.152
Std Dev		0.021	0.071	0.061



IIL/SUPPLYMODESEL/3.4650/2

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.328	-0.480	-0.480	-0.404	-0.404	-0.480
Average	-0.302	-0.442	-0.404	-0.404	-0.404	-0.404
Max	-0.252	-0.404	-0.328	-0.404	-0.404	-0.328
UL	34.500	34.500	34.500	34.500	34.500	34.500

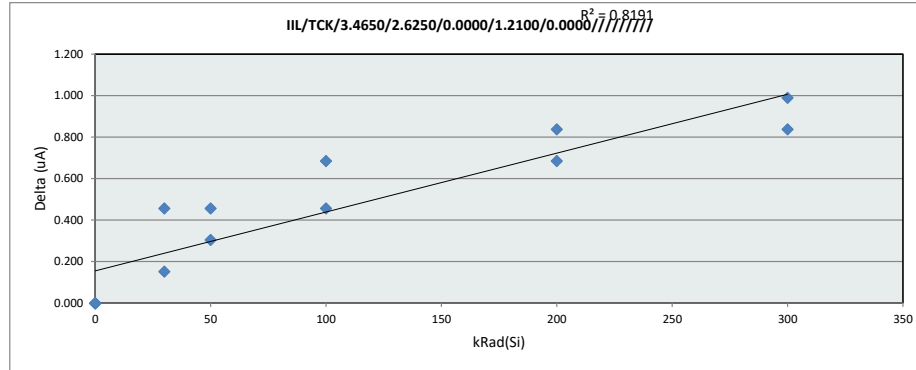


TID Report
DP83561-SP

III/TCK/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	-310.500069	-310.500069
Min Limit	-477.499979	-477.499979

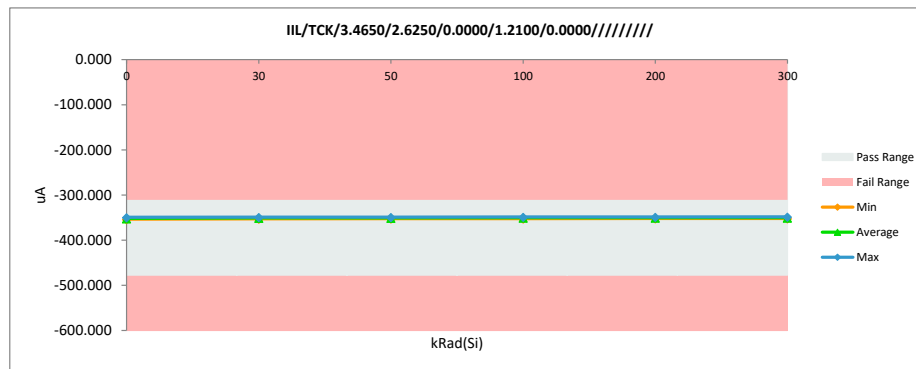
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-352.730	-352.730	0.000
0	188A	-353.493	-353.493	0.000
0	191A	-349.224	-349.224	0.000
30	181B	-352.730	-352.578	0.152
30	191B	-349.224	-348.767	0.457
50	181C	-352.730	-352.273	0.457
50	191C	-349.224	-348.919	0.305
100	181D	-352.730	-352.273	0.457
100	191D	-349.224	-348.538	0.686
200	181E	-352.730	-352.044	0.686
200	191E	-349.224	-348.385	0.839
300	181F	-352.730	-351.892	0.839
300	191F	-349.224	-348.233	0.991
Max		-349.224	-348.233	0.991
Average		-351.171	-350.719	0.451
Min		-353.493	-353.493	0.000
Std Dev		1.887	2.017	0.344



III/TCK/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-310.500069 uA
Min Limit	-477.499979 uA

kRad(Si)	0	30	50	100	200	300
LL	-477.500	-477.500	-477.500	-477.500	-477.500	-477.500
Min	-353.493	-352.578	-352.273	-352.273	-352.044	-351.892
Average	-351.816	-350.672	-350.596	-350.406	-350.215	-350.063
Max	-349.224	-348.767	-348.919	-348.538	-348.385	-348.233
UL	-310.500	-310.500	-310.500	-310.500	-310.500	-310.500

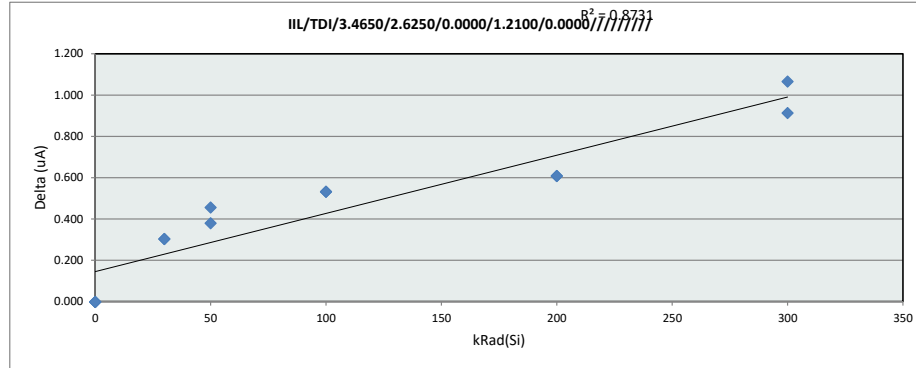


TID Report
DP83561-SP

IIL/TDI/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	-310.5000069	-310.5000069
Min Limit	-477.4999979	-477.4999979

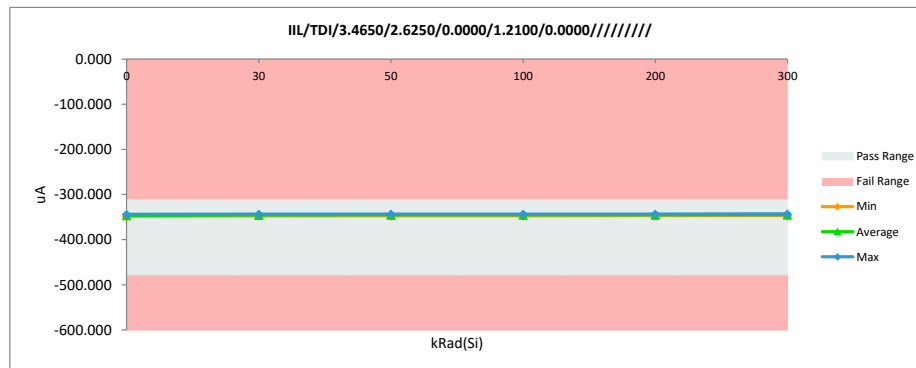
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-347.391	-347.391	0.000
0	188A	-348.077	-348.077	0.000
0	191A	-343.731	-343.731	0.000
30	181B	-347.391	-347.086	0.305
30	191B	-343.731	-343.426	0.305
50	181C	-347.391	-346.933	0.457
50	191C	-343.731	-343.350	0.381
100	181D	-347.391	-346.857	0.534
100	191D	-343.731	-343.198	0.534
200	181E	-347.391	-346.781	0.610
200	191E	-343.731	-343.121	0.610
300	181F	-347.391	-346.476	0.915
300	191F	-343.731	-342.664	1.067
Max		-343.731	-342.664	1.067
Average		-345.754	-345.315	0.440
Min		-348.077	-348.077	0.000
Std Dev		1.958	2.038	0.331



IIL/TDI/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-310.5000069 uA
Min Limit	-477.4999979 uA

kRad(Si)	0	30	50	100	200	300
LL	-477.500	-477.500	-477.500	-477.500	-477.500	-477.500
Min	-348.077	-347.086	-346.933	-346.857	-346.781	-346.476
Average	-346.399	-345.256	-345.142	-345.027	-344.951	-344.570
Max	-343.731	-343.426	-343.350	-343.198	-343.121	-342.664
UL	-310.500	-310.500	-310.500	-310.500	-310.500	-310.500

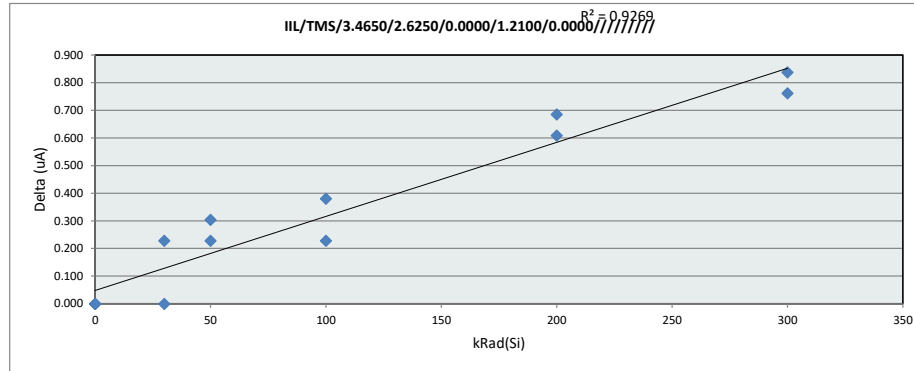


TID Report
DP83561-SP

IIL/TMS/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	-310.5000069	-310.5000069
Min Limit	-477.4999979	-477.4999979

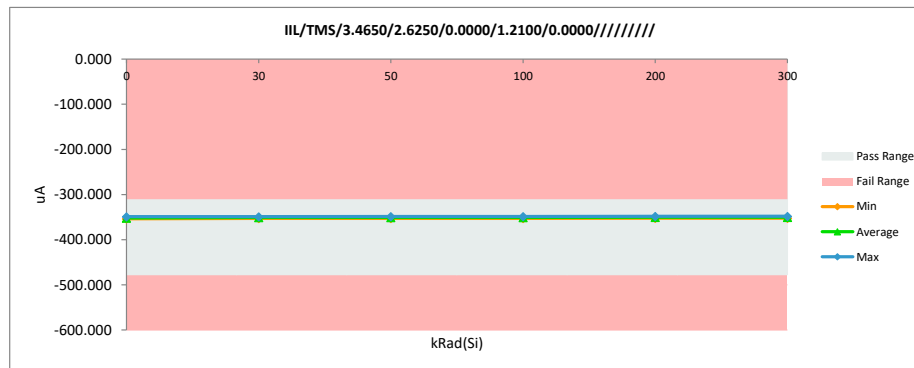
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-353.246	-353.246	0.000
0	188A	-353.780	-353.780	0.000
0	191A	-348.902	-348.902	0.000
30	181B	-353.246	-353.017	0.229
30	191B	-348.902	-348.902	0.000
50	181C	-353.246	-352.941	0.305
50	191C	-348.902	-348.673	0.229
100	181D	-353.246	-352.865	0.381
100	191D	-348.902	-348.673	0.229
200	181E	-353.246	-352.636	0.610
200	191E	-348.902	-348.216	0.686
300	181F	-353.246	-352.484	0.762
300	191F	-348.902	-348.064	0.838
Max		-348.902	-348.064	0.838
Average		-351.282	-350.954	0.328
Min		-353.780	-353.780	0.000
Std Dev		2.298	2.326	0.305



IIL/TMS/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-310.5000069 uA
Min Limit	-477.4999979 uA

kRad(Si)	0	30	50	100	200	300
LL	-477.500	-477.500	-477.500	-477.500	-477.500	-477.500
Min	-353.780	-353.017	-352.941	-352.865	-352.636	-352.484
Average	-351.976	-350.960	-350.807	-350.769	-350.426	-350.274
Max	-348.902	-348.902	-348.673	-348.673	-348.216	-348.064
UL	-310.500	-310.500	-310.500	-310.500	-310.500	-310.500

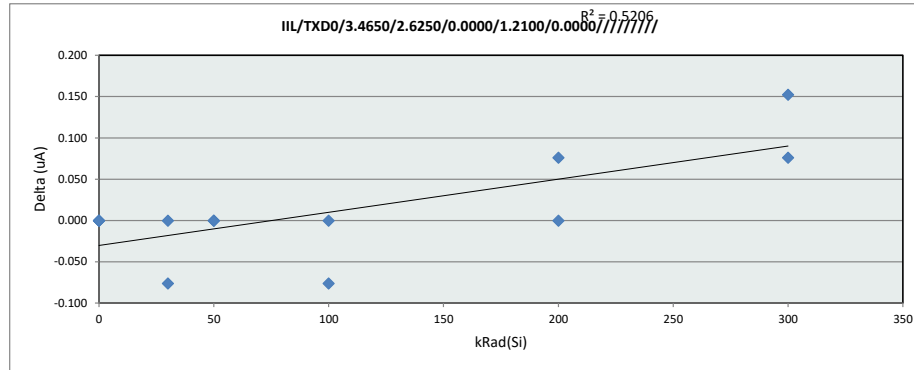


TID Report
DP83561-SP

IIL/TXD0/3.4650/2.6250/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

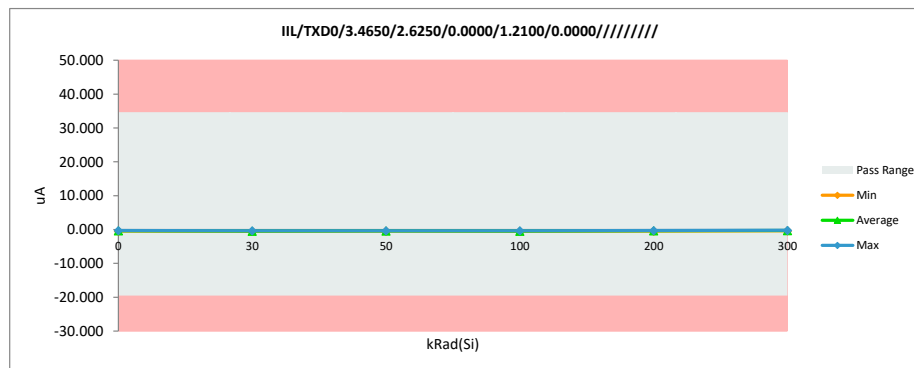
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.366	-0.366	0.000
0	188A	-0.290	-0.290	0.000
0	191A	-0.442	-0.442	0.000
30	181B	-0.366	-0.366	0.000
30	191B	-0.442	-0.518	-0.076
50	181C	-0.366	-0.366	0.000
50	191C	-0.442	-0.442	0.000
100	181D	-0.366	-0.366	0.000
100	191D	-0.442	-0.518	-0.076
200	181E	-0.366	-0.290	0.076
200	191E	-0.442	-0.442	0.000
300	181F	-0.366	-0.213	0.152
300	191F	-0.442	-0.366	0.076
Max		-0.290	-0.213	0.152
Average		-0.395	-0.383	0.012
Min		-0.442	-0.518	-0.076
Std Dev		0.050	0.089	0.061



IIL/TXD0/3.4650/2.6250/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.442	-0.518	-0.442	-0.518	-0.442	-0.366
Average	-0.366	-0.442	-0.404	-0.442	-0.366	-0.290
Max	-0.290	-0.366	-0.366	-0.366	-0.290	-0.213
UL	34.500	34.500	34.500	34.500	34.500	34.500

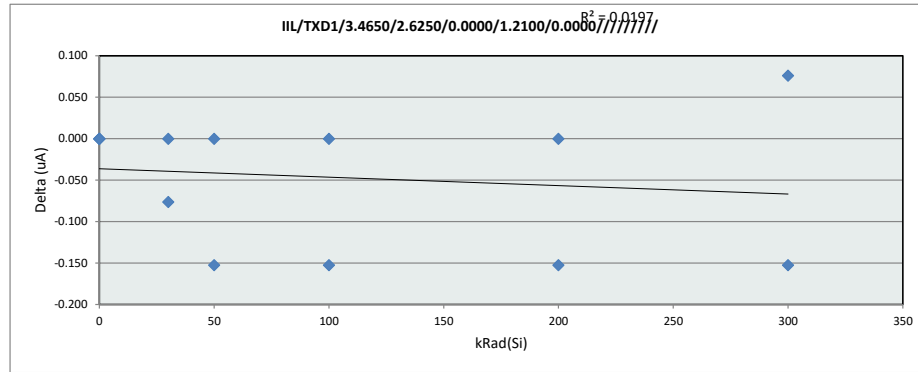


TID Report
DP83561-SP

IIL/TXD1/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

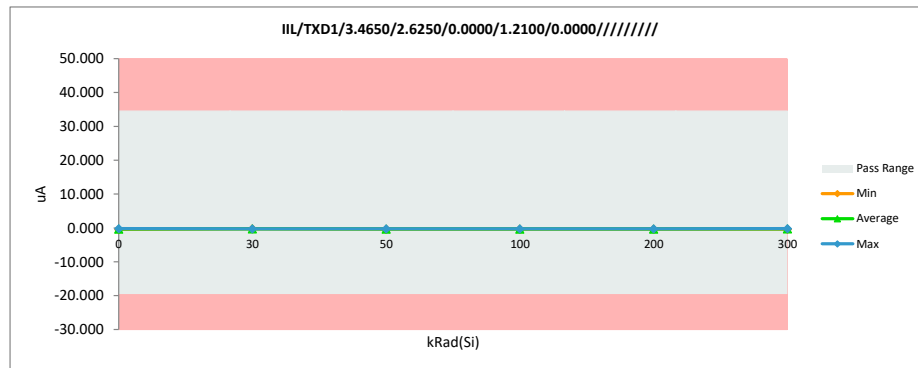
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.259	-0.259	0.000
0	188A	-0.411	-0.411	0.000
0	191A	-0.183	-0.183	0.000
30	181B	-0.259	-0.259	0.000
30	191B	-0.183	-0.259	-0.076
50	181C	-0.259	-0.259	0.000
50	191C	-0.183	-0.335	-0.152
100	181D	-0.259	-0.259	0.000
100	191D	-0.183	-0.335	-0.152
200	181E	-0.259	-0.259	0.000
200	191E	-0.183	-0.335	-0.152
300	181F	-0.259	-0.183	0.076
300	191F	-0.183	-0.335	-0.152
Max		-0.183	-0.183	0.076
Average		-0.236	-0.283	-0.047
Min		-0.411	-0.411	-0.152
Std Dev		0.065	0.065	0.080



IIL/TXD1/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.411	-0.259	-0.335	-0.335	-0.335	-0.335
Average	-0.284	-0.259	-0.297	-0.297	-0.297	-0.259
Max	-0.183	-0.259	-0.259	-0.259	-0.259	-0.183
UL	34.500	34.500	34.500	34.500	34.500	34.500

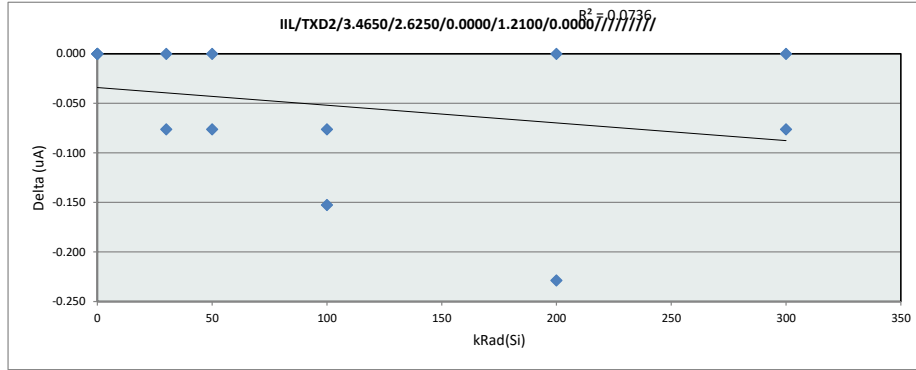


TID Report
DP83561-SP

///TXD2/3.4650/2.6250/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

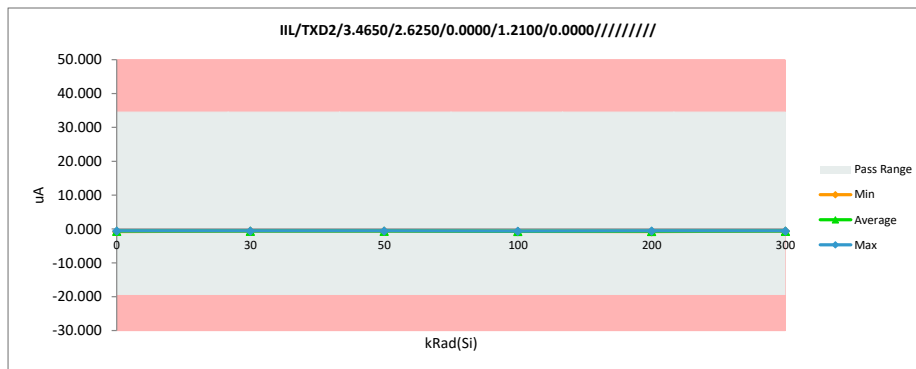
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.541	-0.541	0.000
0	188A	-0.770	-0.770	0.000
0	191A	-0.541	-0.541	0.000
30	181B	-0.541	-0.617	-0.076
30	191B	-0.541	-0.541	0.000
50	181C	-0.541	-0.617	-0.076
50	191C	-0.541	-0.541	0.000
100	181D	-0.541	-0.693	-0.152
100	191D	-0.541	-0.617	-0.076
200	181E	-0.541	-0.541	0.000
200	191E	-0.541	-0.770	-0.229
300	181F	-0.541	-0.541	0.000
300	191F	-0.541	-0.617	-0.076
Max		-0.541	-0.541	0.000
Average		-0.559	-0.611	-0.053
Min		-0.770	-0.770	-0.229
Std Dev		0.063	0.085	0.072



///TXD2/3.4650/2.6250/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.770	-0.617	-0.617	-0.693	-0.770	-0.617
Average	-0.617	-0.579	-0.579	-0.655	-0.655	-0.579
Max	-0.541	-0.541	-0.541	-0.617	-0.541	-0.541
UL	34.500	34.500	34.500	34.500	34.500	34.500

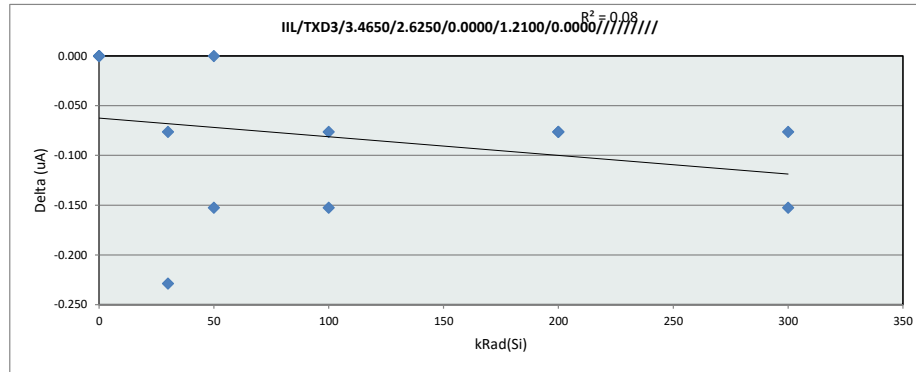


TID Report
DP83561-SP

IIL/TXD3/3.4650/2.6250/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

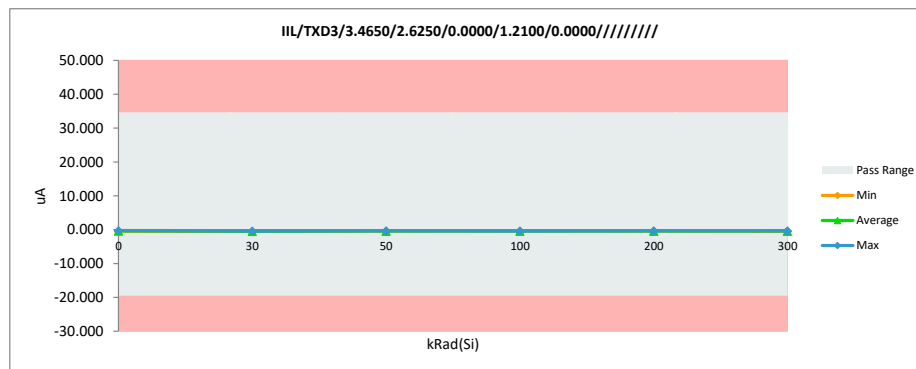
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.236	-0.236	0.000
0	188A	-0.465	-0.465	0.000
0	191A	-0.313	-0.313	0.000
30	181B	-0.236	-0.465	-0.229
30	191B	-0.313	-0.389	-0.076
50	181C	-0.236	-0.389	-0.152
50	191C	-0.313	-0.313	0.000
100	181D	-0.236	-0.389	-0.152
100	191D	-0.313	-0.389	-0.076
200	181E	-0.236	-0.313	-0.076
200	191E	-0.313	-0.389	-0.076
300	181F	-0.236	-0.313	-0.076
300	191F	-0.313	-0.465	-0.152
Max		-0.236	-0.236	0.000
Average		-0.289	-0.371	-0.082
Min		-0.465	-0.465	-0.229
Std Dev		0.065	0.071	0.073



IIL/TXD3/3.4650/2.6250/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.465	-0.465	-0.389	-0.389	-0.389	-0.465
Average	-0.338	-0.427	-0.351	-0.389	-0.351	-0.389
Max	-0.236	-0.389	-0.313	-0.389	-0.313	-0.313
UL	34.500	34.500	34.500	34.500	34.500	34.500

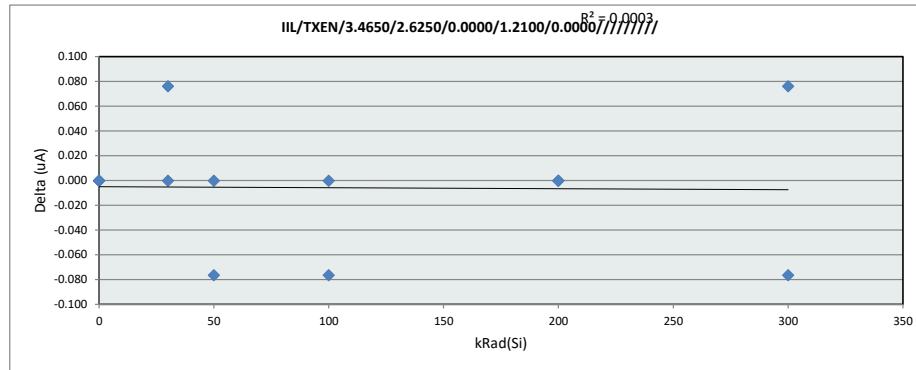


TID Report
DP83561-SP

||L|TXEN/3.4650/2.6250/0.000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

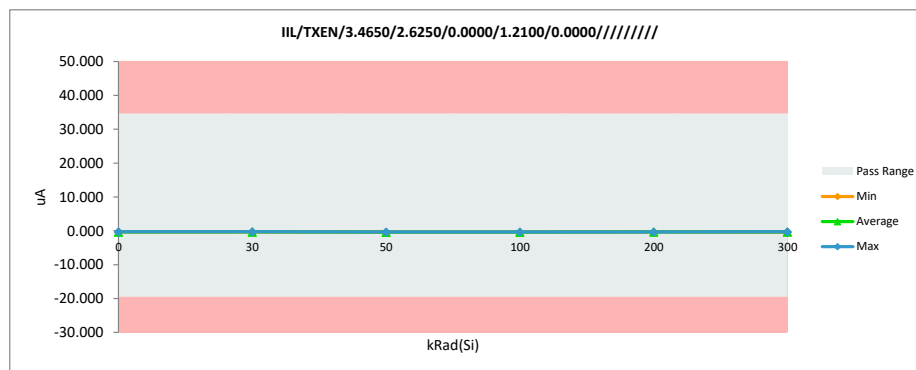
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.351	-0.351	0.000
0	188A	-0.274	-0.274	0.000
0	191A	-0.351	-0.351	0.000
30	181B	-0.351	-0.351	0.000
30	191B	-0.351	-0.274	0.076
50	181C	-0.351	-0.351	0.000
50	191C	-0.351	-0.427	-0.076
100	181D	-0.351	-0.427	-0.076
100	191D	-0.351	-0.351	0.000
200	181E	-0.351	-0.351	0.000
200	191E	-0.351	-0.351	0.000
300	181F	-0.351	-0.427	-0.076
300	191F	-0.351	-0.274	0.076
Max		-0.274	-0.274	0.076
Average		-0.345	-0.351	-0.006
Min		-0.351	-0.427	-0.076
Std Dev		0.021	0.054	0.049



||L|TXEN/3.4650/2.6250/0.000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.351	-0.351	-0.427	-0.427	-0.351	-0.427
Average	-0.325	-0.313	-0.389	-0.389	-0.351	-0.351
Max	-0.274	-0.274	-0.351	-0.351	-0.351	-0.274
UL	34.500	34.500	34.500	34.500	34.500	34.500

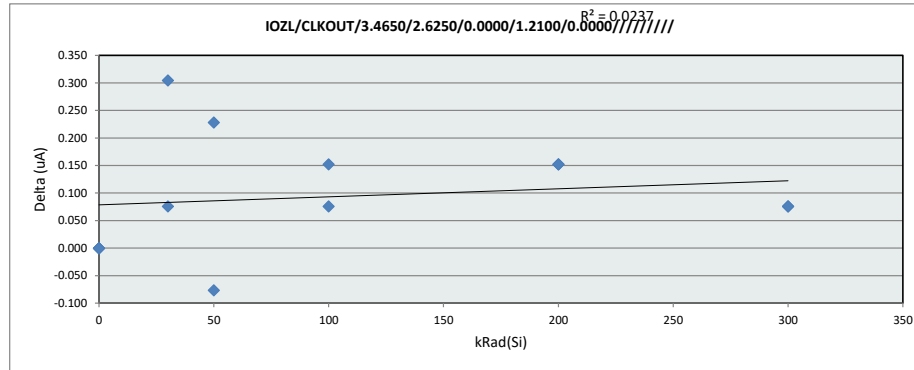


TID Report
DP83561-SP

IOZL/CLKOUT/3.4650/2.6250/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

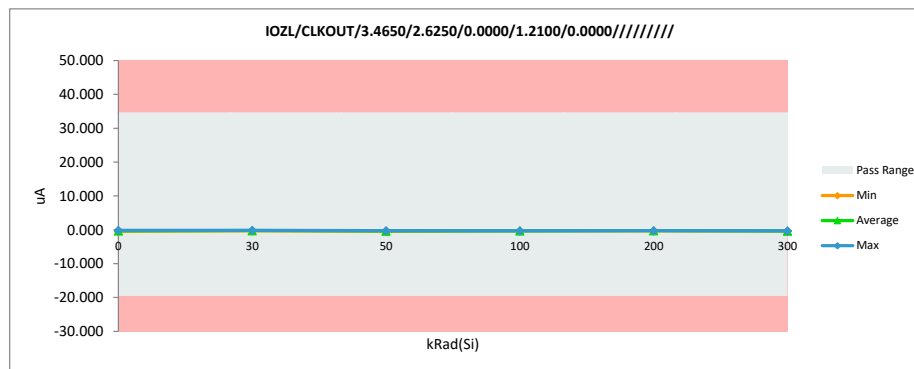
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.442	-0.442	0.000
0	188A	-0.137	-0.137	0.000
0	191A	-0.366	-0.366	0.000
30	181B	-0.442	-0.137	0.305
30	191B	-0.366	-0.290	0.076
50	181C	-0.442	-0.213	0.229
50	191C	-0.366	-0.442	-0.076
100	181D	-0.442	-0.290	0.152
100	191D	-0.366	-0.290	0.076
200	181E	-0.442	-0.290	0.152
200	191E	-0.366	-0.213	0.152
300	181F	-0.442	-0.366	0.076
300	191F	-0.366	-0.290	0.076
Max		-0.137	-0.137	0.305
Average		-0.383	-0.290	0.094
Min		-0.442	-0.442	-0.076
Std Dev		0.083	0.098	0.104



IOZL/CLKOUT/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.50000077 uA
Min Limit	-19.49999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.442	-0.290	-0.442	-0.290	-0.290	-0.366
Average	-0.315	-0.213	-0.328	-0.290	-0.252	-0.328
Max	-0.137	-0.137	-0.213	-0.290	-0.213	-0.290
UL	34.500	34.500	34.500	34.500	34.500	34.500

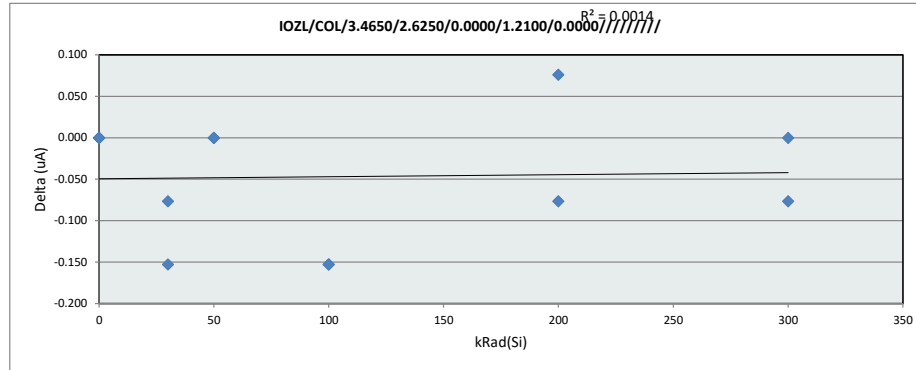


TID Report
DP83561-SP

IOZL/COL/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

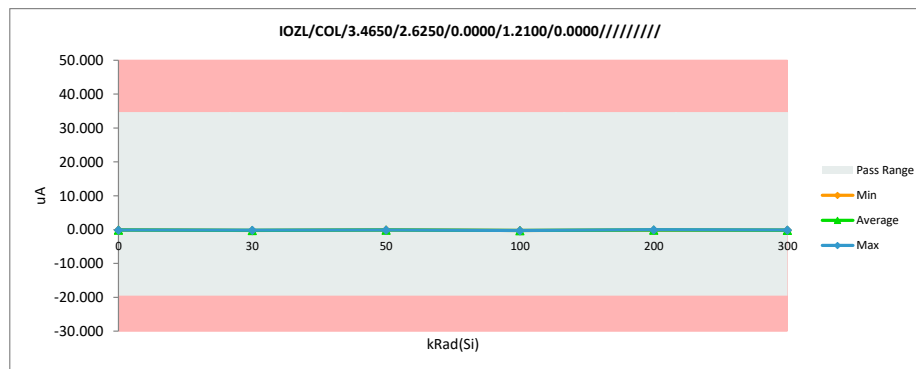
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.114	-0.114	0.000
0	188A	-0.114	-0.114	0.000
0	191A	-0.114	-0.114	0.000
30	181B	-0.114	-0.191	-0.076
30	191B	-0.114	-0.267	-0.152
50	181C	-0.114	-0.114	0.000
50	191C	-0.114	-0.114	0.000
100	181D	-0.114	-0.267	-0.152
100	191D	-0.114	-0.267	-0.152
200	181E	-0.114	-0.038	0.076
200	191E	-0.114	-0.191	-0.076
300	181F	-0.114	-0.191	-0.076
300	191F	-0.114	-0.114	0.000
Max		-0.114	-0.038	0.076
Average		-0.114	-0.161	-0.047
Min		-0.114	-0.267	-0.152
Std Dev		0.000	0.073	0.073



IOZL/COL/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.114	-0.267	-0.114	-0.267	-0.191	-0.191
Average	-0.114	-0.229	-0.114	-0.267	-0.114	-0.152
Max	-0.114	-0.191	-0.114	-0.267	-0.038	-0.114
UL	34.500	34.500	34.500	34.500	34.500	34.500

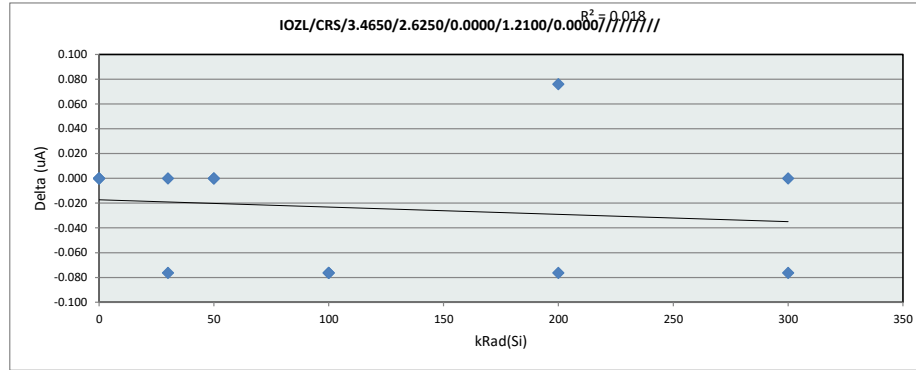


TID Report
DP83561-SP

IOZL/CRS/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

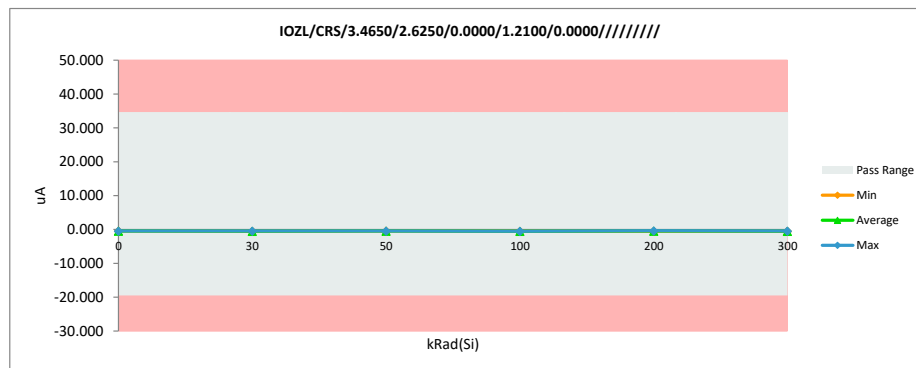
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.434	-0.434	0.000
0	188A	-0.434	-0.434	0.000
0	191A	-0.434	-0.434	0.000
30	181B	-0.434	-0.434	0.000
30	191B	-0.434	-0.511	-0.076
50	181C	-0.434	-0.434	0.000
50	191C	-0.434	-0.434	0.000
100	181D	-0.434	-0.511	-0.076
100	191D	-0.434	-0.511	-0.076
200	181E	-0.434	-0.358	0.076
200	191E	-0.434	-0.511	-0.076
300	181F	-0.434	-0.434	0.000
300	191F	-0.434	-0.511	-0.076
Max		-0.434	-0.358	0.076
Average		-0.434	-0.458	-0.023
Min		-0.434	-0.511	-0.076
Std Dev		0.000	0.048	0.048



IOZL/CRS/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.50000077 uA
Min Limit	-19.49999933 uA

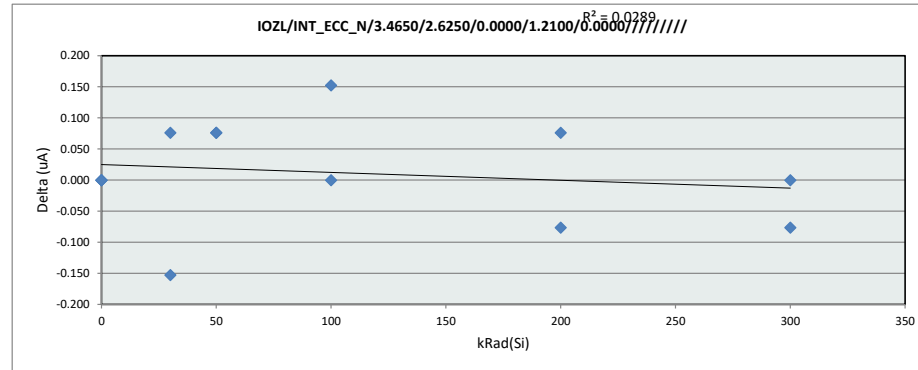
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.434	-0.511	-0.434	-0.511	-0.511	-0.511
Average	-0.434	-0.473	-0.434	-0.511	-0.434	-0.473
Max	-0.434	-0.434	-0.434	-0.511	-0.358	-0.434
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

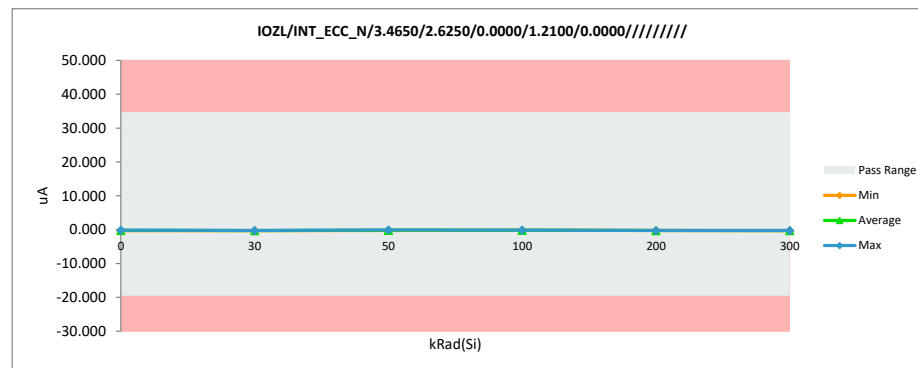
IOZL/INT_ECC_N/3.4650/2.6250	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Unit	uA
Max Limit	34.5000077
Min Limit	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.153	-0.153	0.000
0	188A	-0.153	-0.153	0.000
0	191A	-0.305	-0.305	0.000
30	181B	-0.153	-0.305	-0.153
30	191B	-0.305	-0.229	0.076
50	181C	-0.153	-0.076	0.076
50	191C	-0.305	-0.229	0.076
100	181D	-0.153	-0.153	0.000
100	191D	-0.305	-0.153	0.153
200	181E	-0.153	-0.229	-0.076
200	191E	-0.305	-0.229	0.076
300	181F	-0.153	-0.229	-0.076
300	191F	-0.305	-0.305	0.000
Max		-0.153	-0.076	0.153
Average		-0.223	-0.211	0.012
Min		-0.305	-0.305	-0.153
Std Dev		0.079	0.071	0.081



IOZL/INT_ECC_N/3.4650/2.6250	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.305	-0.305	-0.229	-0.153	-0.229	-0.305
Average	-0.203	-0.267	-0.153	-0.153	-0.229	-0.267
Max	-0.153	-0.229	-0.076	-0.153	-0.229	-0.229
UL	34.500	34.500	34.500	34.500	34.500	34.500

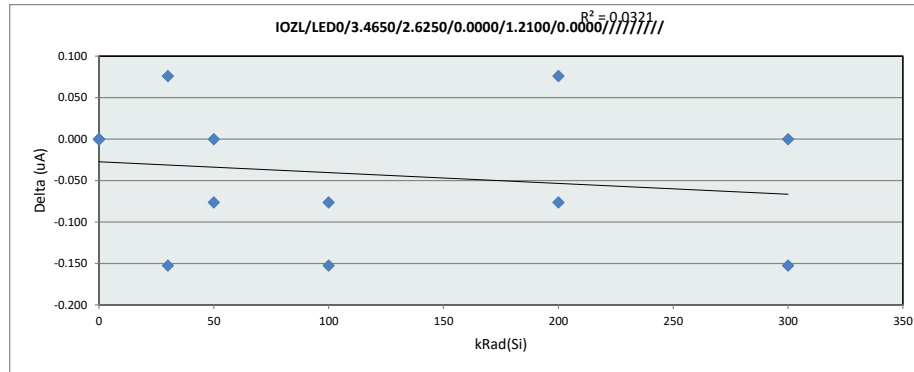


TID Report
DP83561-SP

IOZL/LED0/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

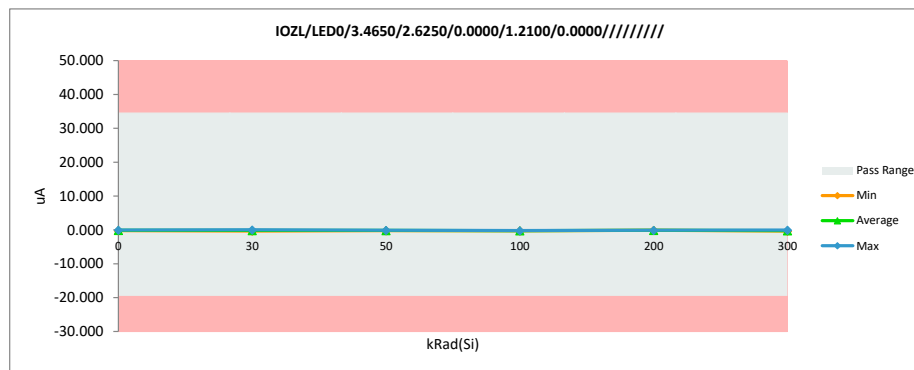
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.038	-0.038	0.000
0	188A	-0.114	-0.114	0.000
0	191A	-0.190	-0.190	0.000
30	181B	-0.038	0.038	0.076
30	191B	-0.190	-0.343	-0.152
50	181C	-0.038	-0.114	-0.076
50	191C	-0.190	-0.190	0.000
100	181D	-0.038	-0.190	-0.152
100	191D	-0.190	-0.267	-0.076
200	181E	-0.038	-0.114	-0.076
200	191E	-0.190	-0.114	0.076
300	181F	-0.038	-0.038	0.000
300	191F	-0.190	-0.343	-0.152
Max		-0.038	0.038	0.076
Average		-0.114	-0.155	-0.041
Min		-0.190	-0.343	-0.152
Std Dev		0.076	0.115	0.080



IOZL/LED0/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.190	-0.343	-0.190	-0.267	-0.114	-0.343
Average	-0.114	-0.152	-0.152	-0.229	-0.114	-0.190
Max	-0.038	0.038	-0.114	-0.190	-0.114	-0.038
UL	34.500	34.500	34.500	34.500	34.500	34.500

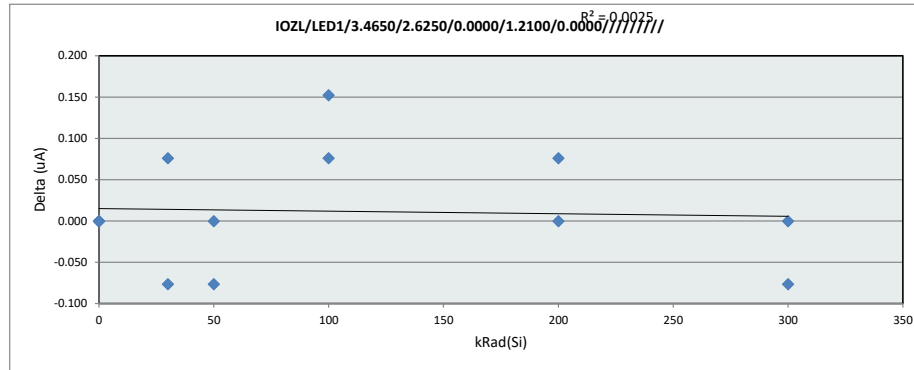


TID Report
DP83561-SP

IOZL/LED1/3.4650/2.6250/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

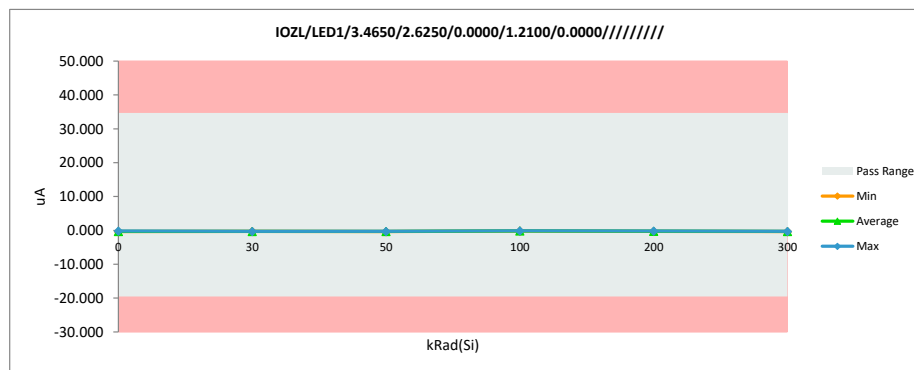
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.198	-0.198	0.000
0	188A	-0.351	-0.351	0.000
0	191A	-0.351	-0.351	0.000
30	181B	-0.198	-0.274	-0.076
30	191B	-0.351	-0.274	0.076
50	181C	-0.198	-0.274	-0.076
50	191C	-0.351	-0.351	0.000
100	181D	-0.198	-0.122	0.076
100	191D	-0.351	-0.198	0.152
200	181E	-0.198	-0.198	0.000
200	191E	-0.351	-0.274	0.076
300	181F	-0.198	-0.274	-0.076
300	191F	-0.351	-0.351	0.000
Max		-0.198	-0.122	0.152
Average		-0.280	-0.268	0.012
Min		-0.351	-0.351	-0.076
Std Dev		0.079	0.073	0.068



IOZL/LED1/3.4650/2.6250/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

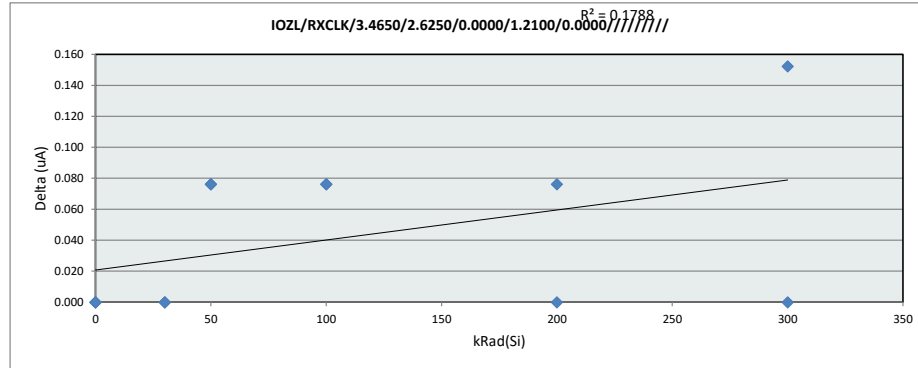
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.351	-0.274	-0.351	-0.198	-0.274	-0.351
Average	-0.300	-0.274	-0.312	-0.160	-0.236	-0.312
Max	-0.198	-0.274	-0.274	-0.122	-0.198	-0.274
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
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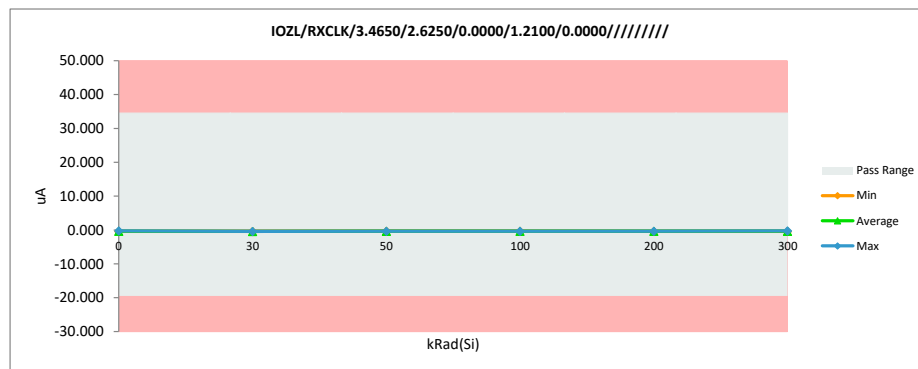
IOZL/RXCLK/3.4650/2.6250/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.427	-0.427	0.000
0	188A	-0.274	-0.274	0.000
0	191A	-0.427	-0.427	0.000
30	181B	-0.427	-0.427	0.000
30	191B	-0.427	-0.427	0.000
50	181C	-0.427	-0.350	0.076
50	191C	-0.427	-0.350	0.076
100	181D	-0.427	-0.350	0.076
100	191D	-0.427	-0.350	0.076
200	181E	-0.427	-0.427	0.000
200	191E	-0.427	-0.350	0.076
300	181F	-0.427	-0.427	0.000
300	191F	-0.427	-0.274	0.152
Max		-0.274	-0.274	0.152
Average		-0.415	-0.374	0.041
Min		-0.427	-0.427	0.000
Std Dev		0.042	0.057	0.050



IOZL/RXCLK/3.4650/2.6250/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	34.50000077	uA
Min Limit	-19.49999933	uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.427	-0.427	-0.350	-0.350	-0.427	-0.427
Average	-0.376	-0.427	-0.350	-0.350	-0.388	-0.350
Max	-0.274	-0.427	-0.350	-0.350	-0.350	-0.274
UL	34.500	34.500	34.500	34.500	34.500	34.500

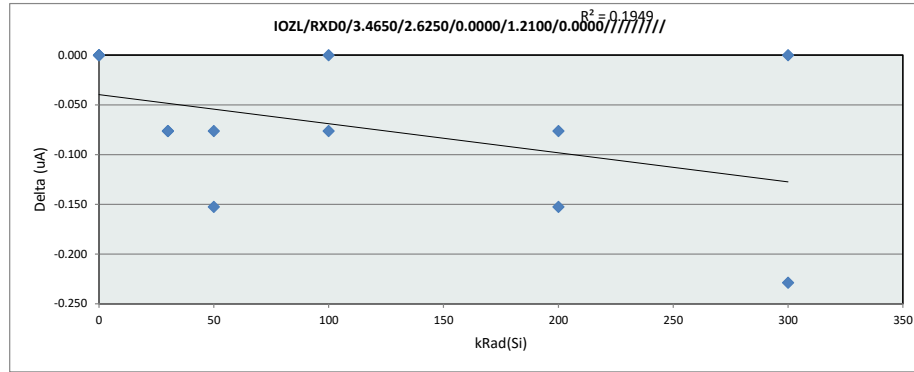


TID Report
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IOZL/RXD0/3.4650/2.6250/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.50000077	34.50000077
Min Limit	-19.49999933	-19.49999933

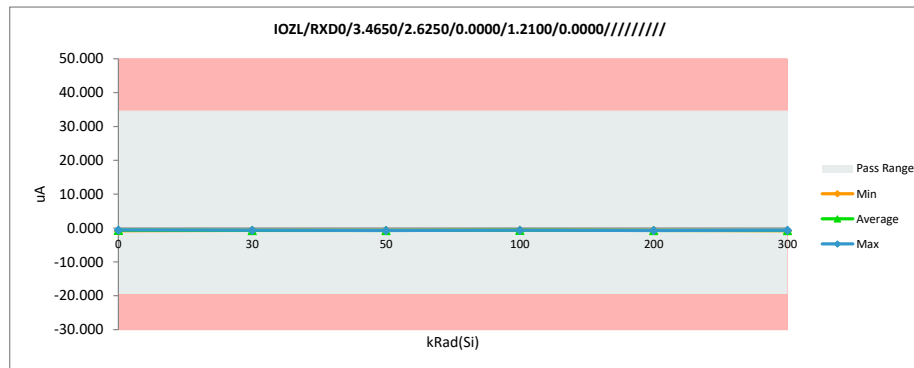
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.564	-0.564	0.000
0	188A	-0.792	-0.792	0.000
0	191A	-0.640	-0.640	0.000
30	181B	-0.564	-0.640	-0.076
30	191B	-0.640	-0.716	-0.076
50	181C	-0.564	-0.716	-0.152
50	191C	-0.640	-0.716	-0.076
100	181D	-0.564	-0.640	-0.076
100	191D	-0.640	-0.640	0.000
200	181E	-0.564	-0.716	-0.152
200	191E	-0.640	-0.716	-0.076
300	181F	-0.564	-0.792	-0.229
300	191F	-0.640	-0.640	0.000
Max		-0.564	-0.564	0.000
Average		-0.616	-0.687	-0.070
Min		-0.792	-0.792	-0.229
Std Dev		0.065	0.066	0.073



IOZL/RXD0/3.4650/2.6250/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000/1.2100/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.50000077 uA
Min Limit	-19.49999933 uA

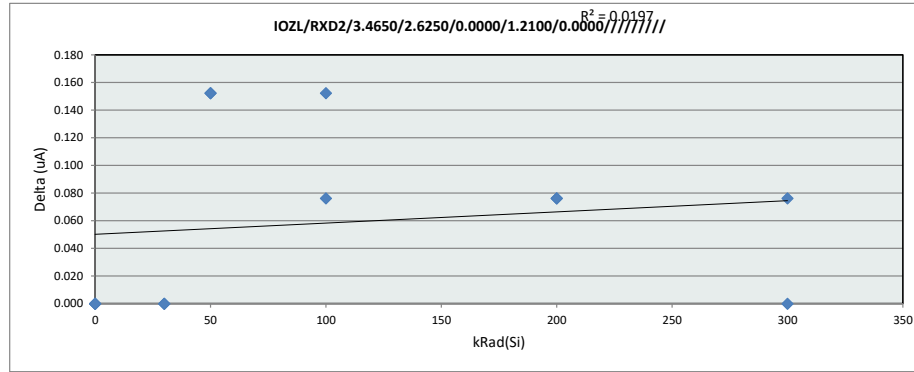
kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.792	-0.716	-0.716	-0.640	-0.716	-0.792
Average	-0.665	-0.678	-0.716	-0.640	-0.716	-0.716
Max	-0.564	-0.640	-0.716	-0.640	-0.716	-0.640
UL	34.500	34.500	34.500	34.500	34.500	34.500



TID Report
DP83561-SP

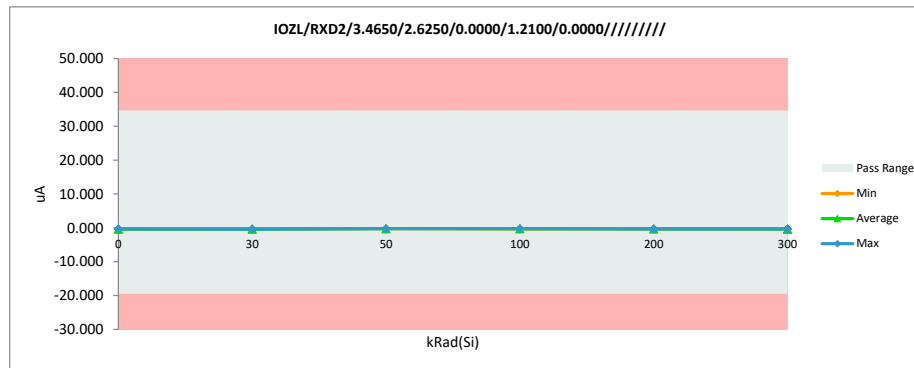
IOZL/RXD2/3.4650/2.6250/0.0000/1.2100/0.0000/1.1777/1.1777	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Unit	uA
Max Limit	34.5000077
Min Limit	-19.4999933

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.381	-0.381	0.000
0	188A	-0.305	-0.305	0.000
0	191A	-0.381	-0.381	0.000
30	181B	-0.381	-0.381	0.000
30	191B	-0.381	-0.381	0.000
50	181C	-0.381	-0.229	0.152
50	191C	-0.381	-0.229	0.152
100	181D	-0.381	-0.229	0.152
100	191D	-0.381	-0.305	0.076
200	181E	-0.381	-0.305	0.076
200	191E	-0.381	-0.305	0.076
300	181F	-0.381	-0.305	0.076
300	191F	-0.381	-0.381	0.000
Max		-0.305	-0.229	0.152
Average		-0.375	-0.317	0.059
Min		-0.381	-0.381	0.000
Std Dev		0.021	0.061	0.063



IOZL/RXD2/3.4650/2.6250/0.0000/1.2100/0.0000/1.1777/1.1777	
Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077
Min Limit	-19.4999933

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.381	-0.381	-0.229	-0.305	-0.305	-0.381
Average	-0.356	-0.381	-0.229	-0.267	-0.305	-0.343
Max	-0.305	-0.381	-0.229	-0.229	-0.305	-0.305
UL	34.500	34.500	34.500	34.500	34.500	34.500

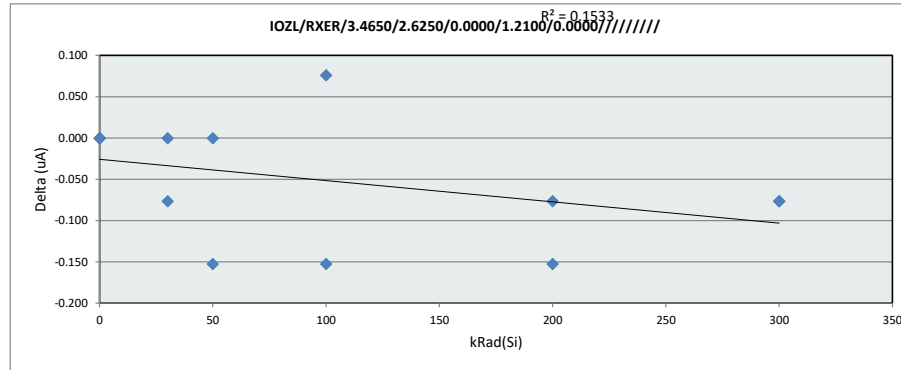


TID Report
DP83561-SP

IOZL/RXER/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000/0.0000

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

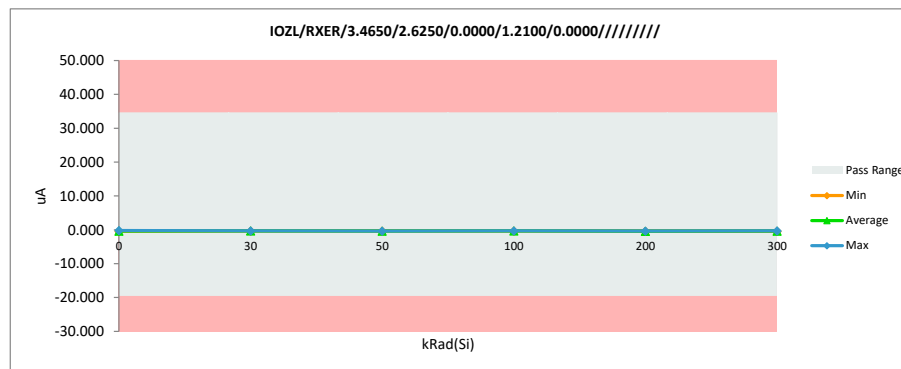
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.206	-0.206	0.000
0	188A	-0.435	-0.435	0.000
0	191A	-0.358	-0.358	0.000
30	181B	-0.206	-0.282	-0.076
30	191B	-0.358	-0.358	0.000
50	181C	-0.206	-0.358	-0.152
50	191C	-0.358	-0.358	0.000
100	181D	-0.206	-0.358	-0.152
100	191D	-0.358	-0.282	0.076
200	181E	-0.206	-0.358	-0.152
200	191E	-0.358	-0.435	-0.076
300	181F	-0.206	-0.282	-0.076
300	191F	-0.358	-0.435	-0.076
Max		-0.206	-0.206	0.076
Average		-0.294	-0.347	-0.053
Min		-0.435	-0.435	-0.152
Std Dev		0.087	0.069	0.072



IOZL/RXER/3.4650/2.6250/0.0000/1.2100/0.0000/0.0000/0.0000/0.0000/0.0000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.435	-0.358	-0.358	-0.358	-0.435	-0.435
Average	-0.333	-0.320	-0.358	-0.320	-0.396	-0.358
Max	-0.206	-0.282	-0.358	-0.282	-0.358	-0.282
UL	34.500	34.500	34.500	34.500	34.500	34.500

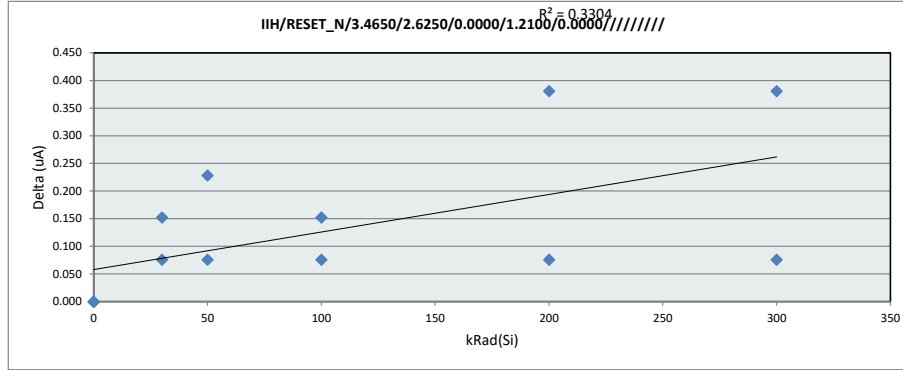


TID Report
DP83561-SP

IIH/RESET_N/3.4650/2.6250/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	34.5000077	34.5000077
Min Limit	-19.4999933	-19.4999933

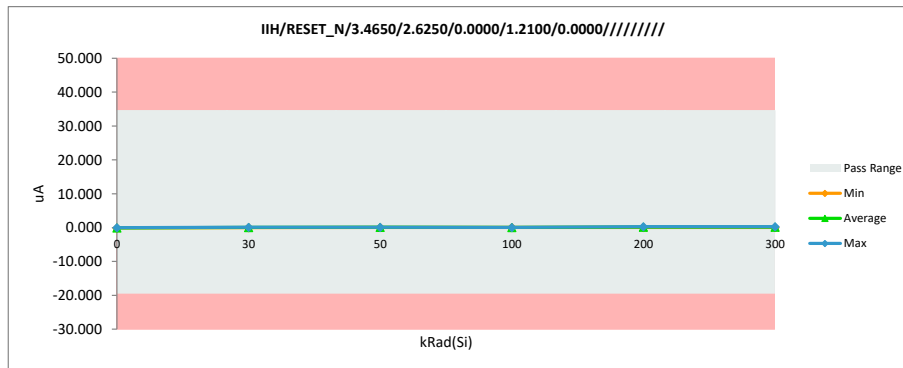
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-0.107	-0.107	0.000
0	188A	-0.107	-0.107	0.000
0	191A	-0.030	-0.030	0.000
30	181B	-0.107	-0.030	0.076
30	191B	-0.030	0.122	0.152
50	181C	-0.107	0.122	0.229
50	191C	-0.030	0.046	0.076
100	181D	-0.107	0.046	0.152
100	191D	-0.030	0.046	0.076
200	181E	-0.107	0.274	0.381
200	191E	-0.030	0.046	0.076
300	181F	-0.107	0.274	0.381
300	191F	-0.030	0.046	0.076
Max		-0.030	0.274	0.381
Average		-0.072	0.057	0.129
Min		-0.107	-0.107	0.000
Std Dev		0.040	0.120	0.130



IIH/RESET_N/3.4650/2.6250/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	34.5000077 uA
Min Limit	-19.4999933 uA

kRad(Si)	0	30	50	100	200	300
LL	-19.500	-19.500	-19.500	-19.500	-19.500	-19.500
Min	-0.107	-0.030	0.046	0.046	0.046	0.046
Average	-0.081	0.046	0.084	0.046	0.160	0.160
Max	-0.030	0.122	0.122	0.046	0.274	0.274
UL	34.500	34.500	34.500	34.500	34.500	34.500

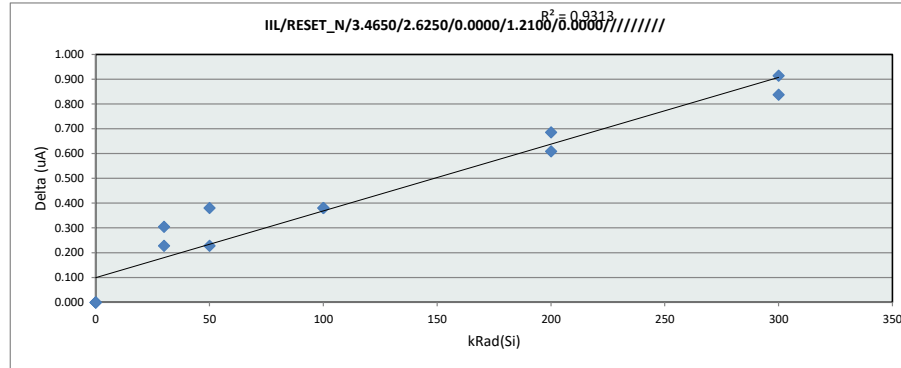


TID Report
DP83561-SP

||L/RESET_N/3.4650/2.6250/0.

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	uA	uA
Max Limit	-310.5000069	-310.5000069
Min Limit	-477.4999979	-477.4999979

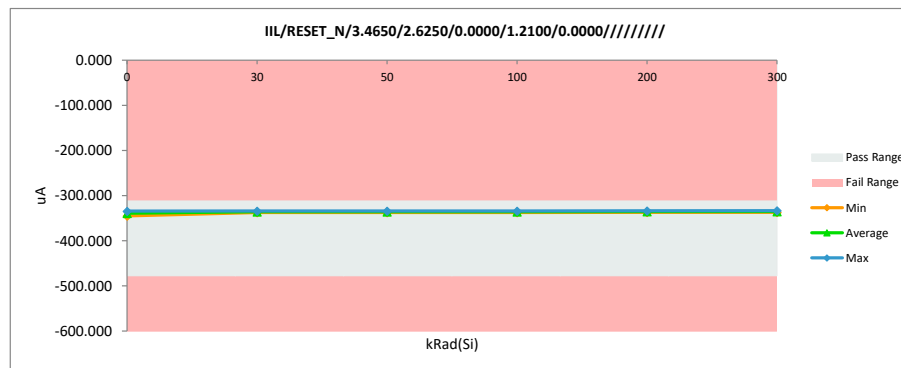
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	-337.826	-337.826	0.000
0	188A	-344.914	-344.914	0.000
0	191A	-334.243	-334.243	0.000
30	181B	-337.826	-337.521	0.305
30	191B	-334.243	-334.015	0.229
50	181C	-337.826	-337.444	0.381
50	191C	-334.243	-334.015	0.229
100	181D	-337.826	-337.444	0.381
100	191D	-334.243	-333.862	0.381
200	181E	-337.826	-337.140	0.686
200	191E	-334.243	-333.634	0.610
300	181F	-337.826	-336.987	0.838
300	191F	-334.243	-333.329	0.915
Max		-334.243	-333.329	0.915
Average		-336.718	-336.336	0.381
Min		-344.914	-344.914	0.000
Std Dev		3.045	3.140	0.306



||L/RESET_N/3.4650/2.6250/0.

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	-310.5000069 uA
Min Limit	-477.4999979 uA

kRad(Si)	0	30	50	100	200	300
LL	-477.500	-477.500	-477.500	-477.500	-477.500	-477.500
Min	-344.914	-337.521	-337.444	-337.444	-337.140	-336.987
Average	-338.994	-335.768	-335.730	-335.653	-335.387	-335.158
Max	-334.243	-334.015	-334.015	-333.862	-333.634	-333.329
UL	-310.500	-310.500	-310.500	-310.500	-310.500	-310.500

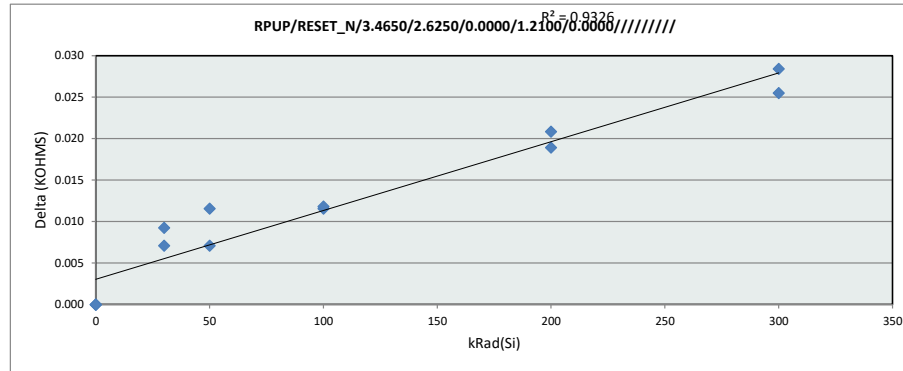


TID Report
DP83561-SP

RPUP/RESET_N/3.4650/2.6250/

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit	KOHMS	KOHMS
Max Limit	11.30000054	11.30000054
Min Limit	7.700000366	7.700000366

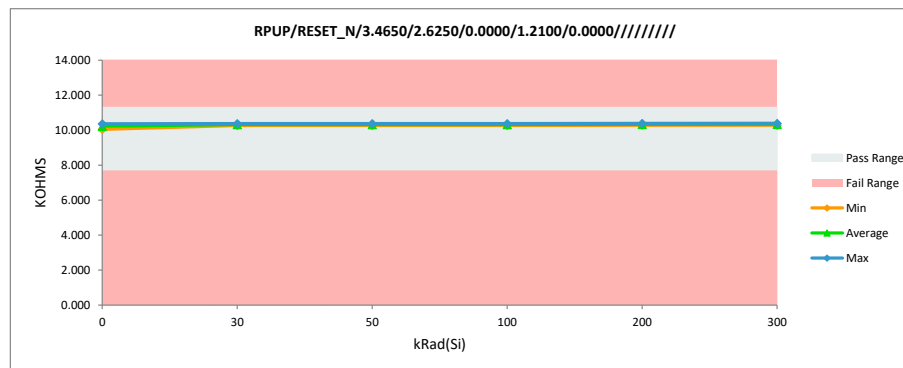
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	10.257	10.257	0.000
0	188A	10.046	10.046	0.000
0	191A	10.367	10.367	0.000
30	181B	10.257	10.266	0.009
30	191B	10.367	10.374	0.007
50	181C	10.257	10.268	0.012
50	191C	10.367	10.374	0.007
100	181D	10.257	10.268	0.012
100	191D	10.367	10.379	0.012
200	181E	10.257	10.278	0.021
200	191E	10.367	10.386	0.019
300	181F	10.257	10.282	0.026
300	191F	10.367	10.395	0.028
Max		10.367	10.395	0.028
Average		10.291	10.303	0.012
Min		10.046	10.046	0.000
Std Dev		0.092	0.095	0.009



RPUP/RESET_N/3.4650/2.6250/

Test Site	SVA	
Tester	UFLEX	
Test Number	PF3386	
Max Limit	11.30000054	KOHMS
Min Limit	7.700000366	KOHMS

kRad(Si)	0	30	50	100	200	300
LL	7.700	7.700	7.700	7.700	7.700	7.700
Min	10.046	10.266	10.268	10.268	10.278	10.282
Average	10.223	10.320	10.321	10.323	10.332	10.339
Max	10.367	10.374	10.374	10.379	10.386	10.395
UL	11.300	11.300	11.300	11.300	11.300	11.300

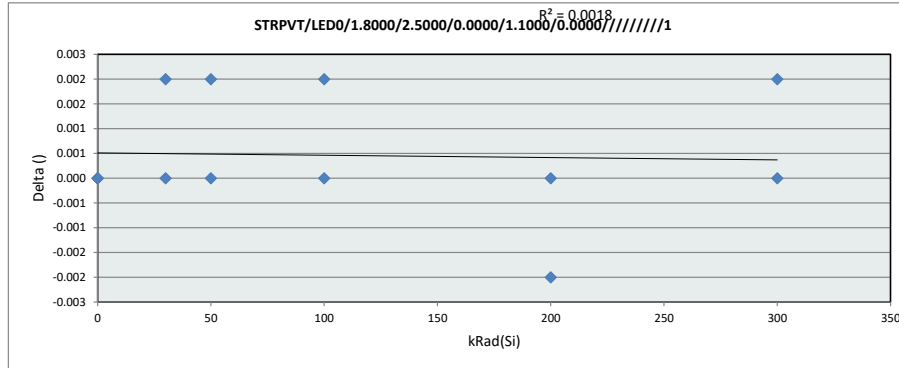


TID Report
DP83561-SP

STRPVT/LEDO/1.8000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

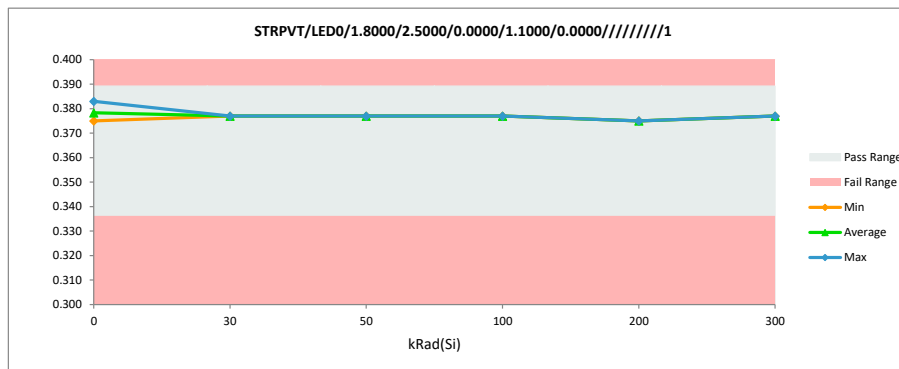
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.377	0.377	0.000
0	188A	0.383	0.383	0.000
0	191A	0.375	0.375	0.000
30	181B	0.377	0.377	0.000
30	191B	0.375	0.377	0.002
50	181C	0.377	0.377	0.000
50	191C	0.375	0.377	0.002
100	181D	0.377	0.377	0.000
100	191D	0.375	0.377	0.002
200	181E	0.377	0.375	-0.002
200	191E	0.375	0.375	0.000
300	181F	0.377	0.377	0.000
300	191F	0.375	0.377	0.002
Max		0.383	0.383	0.002
Average		0.377	0.377	0.000
Min		0.375	0.375	-0.002
Std Dev		0.002	0.002	0.001



STRPVT/LEDO/1.8000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.375	0.377	0.377	0.377	0.375	0.377
Average	0.378	0.377	0.377	0.377	0.375	0.377
Max	0.383	0.377	0.377	0.377	0.375	0.377
UL	0.389	0.389	0.389	0.389	0.389	0.389

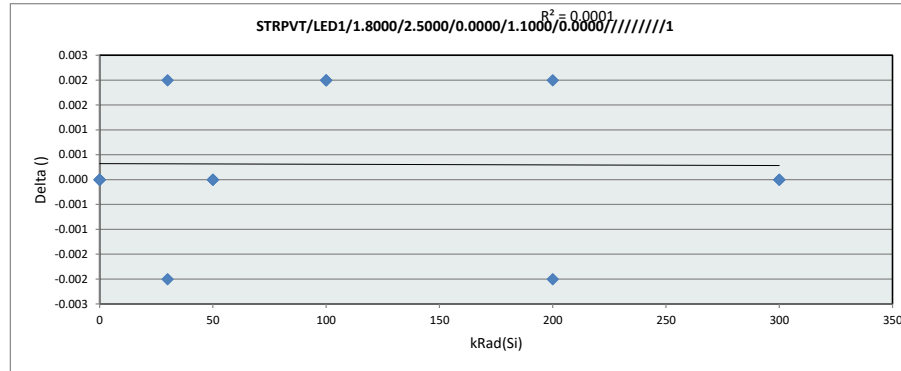


TID Report
DP83561-SP

STRPVT/LED1/1.8000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

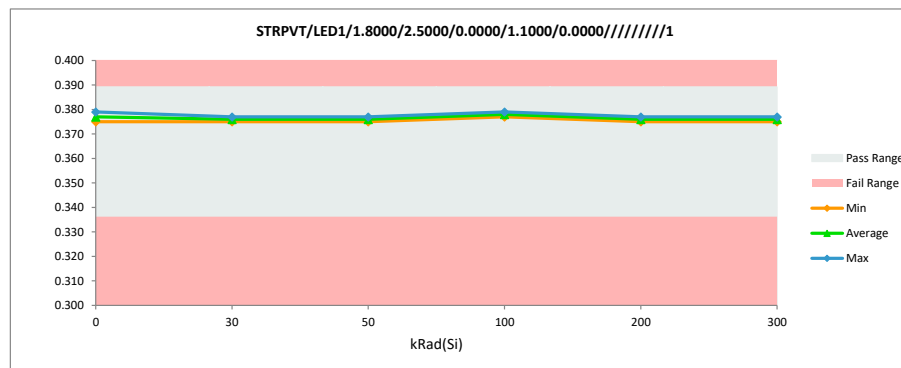
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.375	0.375	0.000
0	188A	0.379	0.379	0.000
0	191A	0.377	0.377	0.000
30	181B	0.375	0.377	0.002
30	191B	0.377	0.375	-0.002
50	181C	0.375	0.375	0.000
50	191C	0.377	0.377	0.000
100	181D	0.375	0.377	0.002
100	191D	0.377	0.379	0.002
200	181E	0.375	0.377	0.002
200	191E	0.377	0.375	-0.002
300	181F	0.375	0.375	0.000
300	191F	0.377	0.377	0.000
Max		0.379	0.379	0.002
Average		0.376	0.377	0.000
Min		0.375	0.375	-0.002
Std Dev		0.001	0.001	0.001



STRPVT/LED1/1.8000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.375	0.375	0.375	0.377	0.375	0.375
Average	0.377	0.376	0.376	0.378	0.376	0.376
Max	0.379	0.377	0.377	0.379	0.377	0.377
UL	0.389	0.389	0.389	0.389	0.389	0.389

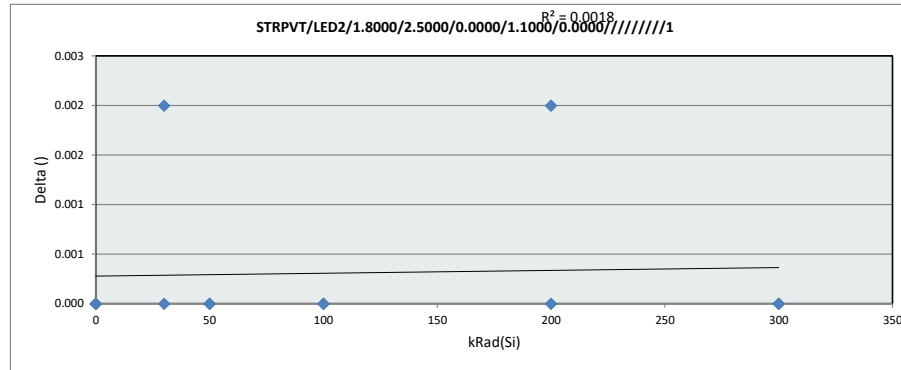


TID Report
DP83561-SP

STRPVT/LED2/1.8000/2.5000/0

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

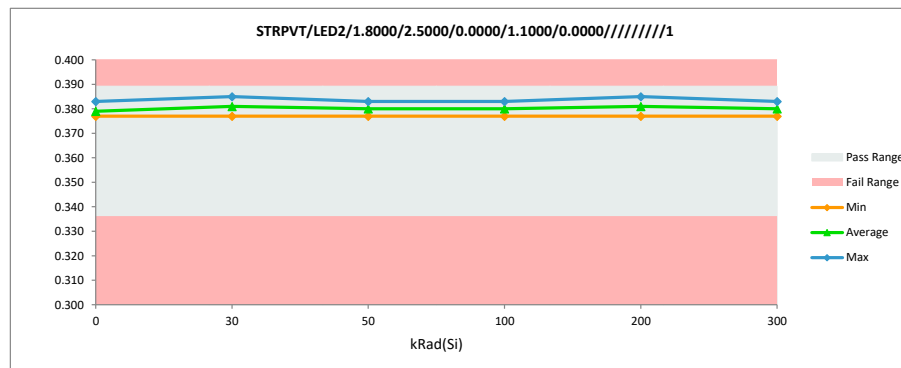
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.377	0.377	0.000
0	188A	0.377	0.377	0.000
0	191A	0.383	0.383	0.000
30	181B	0.377	0.377	0.000
30	191B	0.383	0.385	0.002
50	181C	0.377	0.377	0.000
50	191C	0.383	0.383	0.000
100	181D	0.377	0.377	0.000
100	191D	0.383	0.383	0.000
200	181E	0.377	0.377	0.000
200	191E	0.383	0.385	0.002
300	181F	0.377	0.377	0.000
300	191F	0.383	0.383	0.000
	Max	0.383	0.385	0.002
	Average	0.380	0.380	0.000
	Min	0.377	0.377	0.000
	Std Dev	0.003	0.004	0.001



STRPVT/LED2/1.8000/2.5000/0

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.377	0.377	0.377	0.377	0.377	0.377
Average	0.379	0.381	0.380	0.380	0.381	0.380
Max	0.383	0.385	0.383	0.383	0.385	0.383
UL	0.389	0.389	0.389	0.389	0.389	0.389

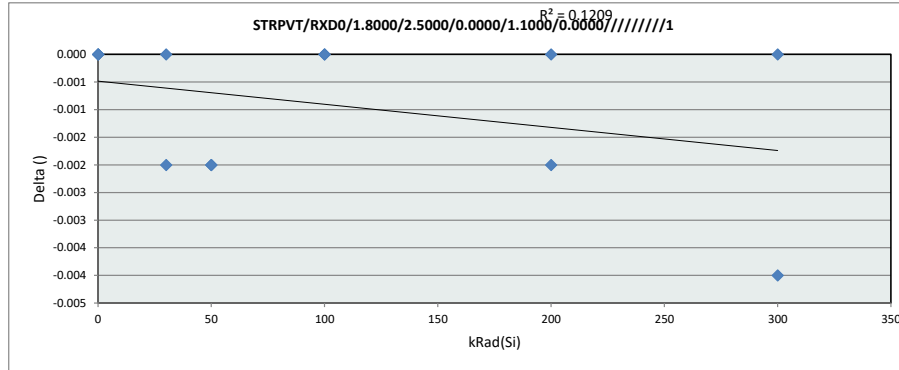


TID Report
DP83561-SP

STRPVT/RXD0/1.8000/2.5000/0.0000/1.1000/0.0000/////////1

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.239800006	0.239800006
Min Limit	0.172399998	0.172399998

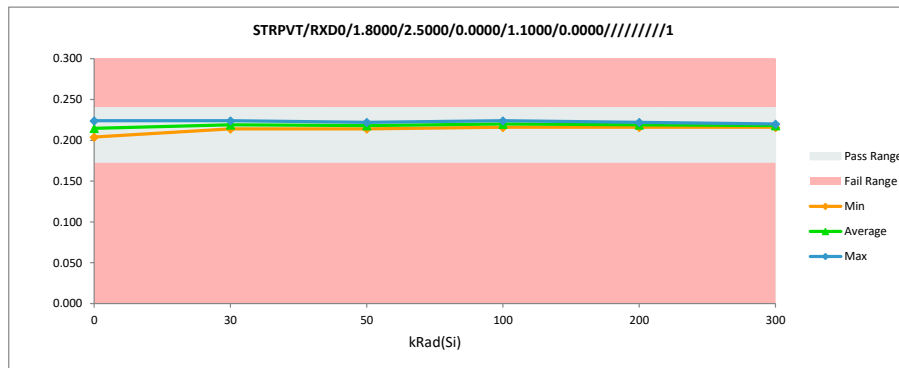
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.224	0.224	0.000
0	188A	0.204	0.204	0.000
0	191A	0.216	0.216	0.000
30	181B	0.224	0.224	0.000
30	191B	0.216	0.214	-0.002
50	181C	0.224	0.222	-0.002
50	191C	0.216	0.214	-0.002
100	181D	0.224	0.224	0.000
100	191D	0.216	0.216	0.000
200	181E	0.224	0.222	-0.002
200	191E	0.216	0.216	0.000
300	181F	0.224	0.220	-0.004
300	191F	0.216	0.216	0.000
Max		0.224	0.224	0.000
Average		0.219	0.218	-0.001
Min		0.204	0.204	-0.004
Std Dev		0.006	0.006	0.001



STRPVT/RXD0/1.8000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.239800006
Min Limit	0.172399998

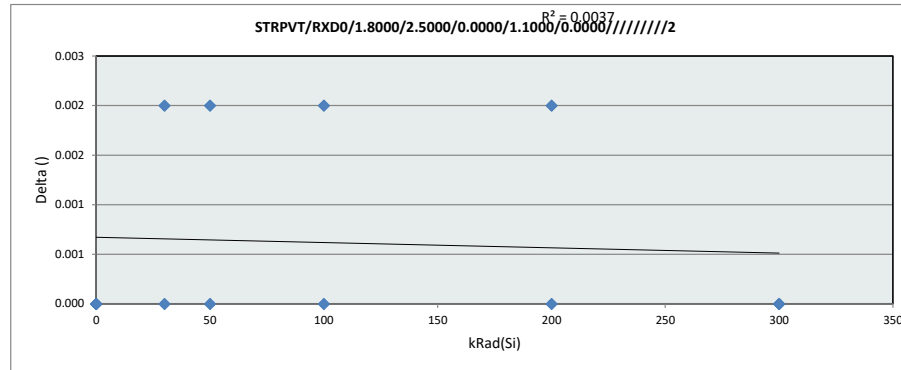
kRad(Si)	0	30	50	100	200	300
LL	0.172	0.172	0.172	0.172	0.172	0.172
Min	0.204	0.214	0.214	0.216	0.216	0.216
Average	0.215	0.219	0.218	0.220	0.219	0.218
Max	0.224	0.224	0.222	0.224	0.222	0.220
UL	0.240	0.240	0.240	0.240	0.240	0.240



TID Report
DP83561-SP

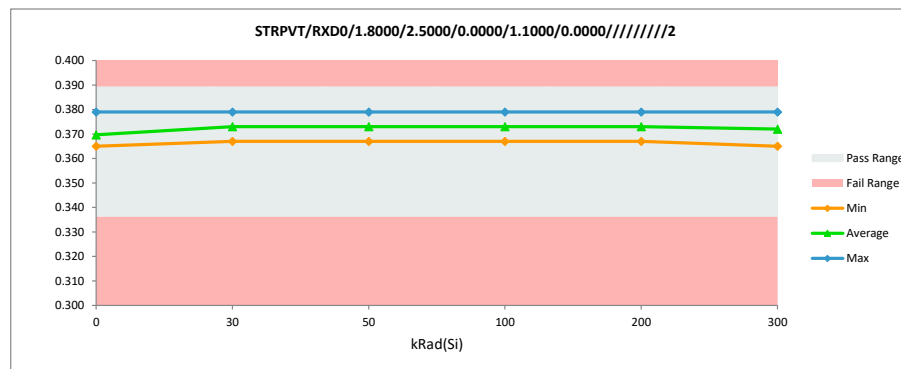
STRPVTRXDO/1.8000/2.5000/0.0000/1.1000/0.0000/////////2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.379	0.379	0.000
0	188A	0.365	0.365	0.000
0	191A	0.365	0.365	0.000
30	181B	0.379	0.379	0.000
30	191B	0.365	0.367	0.002
50	181C	0.379	0.379	0.000
50	191C	0.365	0.367	0.002
100	181D	0.379	0.379	0.000
100	191D	0.365	0.367	0.002
200	181E	0.379	0.379	0.000
200	191E	0.365	0.367	0.002
300	181F	0.379	0.379	0.000
300	191F	0.365	0.365	0.000
	Max	0.379	0.379	0.002
	Average	0.371	0.372	0.001
	Min	0.365	0.365	0.000
	Std Dev	0.007	0.007	0.001



STRPVTRXDO/1.8000/2.5000/0.0000/1.1000/0.0000/////////2		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

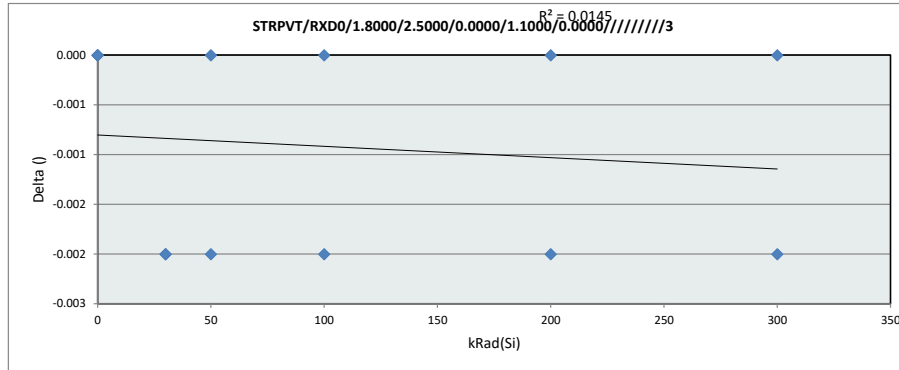
kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.365	0.367	0.367	0.367	0.367	0.365
Average	0.370	0.373	0.373	0.373	0.373	0.372
Max	0.379	0.379	0.379	0.379	0.379	0.379
UL	0.389	0.389	0.389	0.389	0.389	0.389



TID Report
DP83561-SP

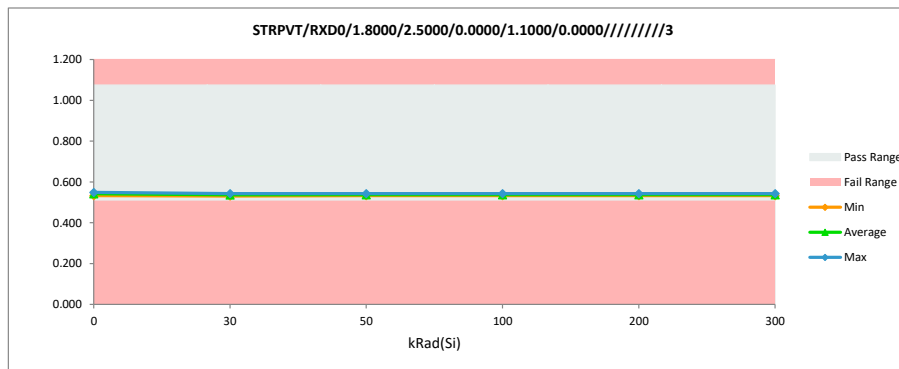
STRPVTR/RXD0/1.8000/2.5000/0.0000/1.1000/0.0000/////////3		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	1.075000048	1.075000048
Min Limit	0.509000003	0.509000003

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.545	0.545	0.000
0	188A	0.549	0.549	0.000
0	191A	0.533	0.533	0.000
30	181B	0.545	0.543	-0.002
30	191B	0.533	0.531	-0.002
50	181C	0.545	0.543	-0.002
50	191C	0.533	0.533	0.000
100	181D	0.545	0.543	-0.002
100	191D	0.533	0.533	0.000
200	181E	0.545	0.543	-0.002
200	191E	0.533	0.533	0.000
300	181F	0.545	0.543	-0.002
300	191F	0.533	0.533	0.000
	Max	0.549	0.549	0.000
	Average	0.540	0.539	-0.001
	Min	0.533	0.531	-0.002
	Std Dev	0.007	0.006	0.001



STRPVTR/RXD0/1.8000/2.5000/0.0000/1.1000/0.0000/////////3		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	1.075000048	1.075000048
Min Limit	0.509000003	0.509000003

kRad(Si)	0	30	50	100	200	300
LL	0.509	0.509	0.509	0.509	0.509	0.509
Min	0.533	0.531	0.533	0.533	0.533	0.533
Average	0.542	0.537	0.538	0.538	0.538	0.538
Max	0.549	0.543	0.543	0.543	0.543	0.543
UL	1.075	1.075	1.075	1.075	1.075	1.075

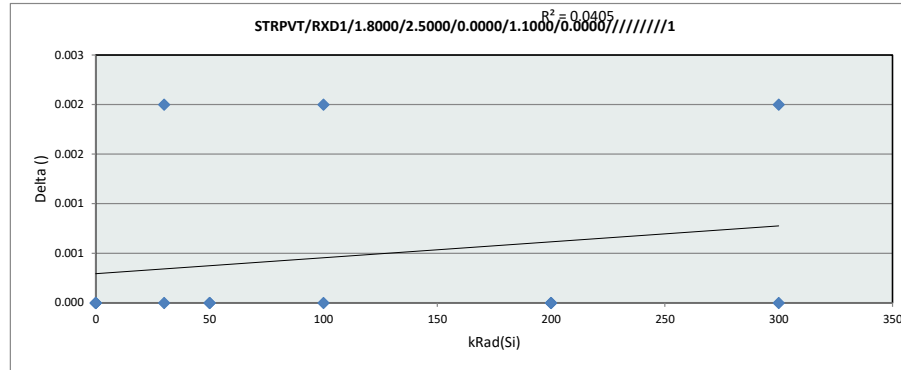


TID Report
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STRPVT/RXD1/1.8000/2.5000/0.0000/1.1000/0.0000/1/1/1/1

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.239800006	0.239800006
Min Limit	0.172399998	0.172399998

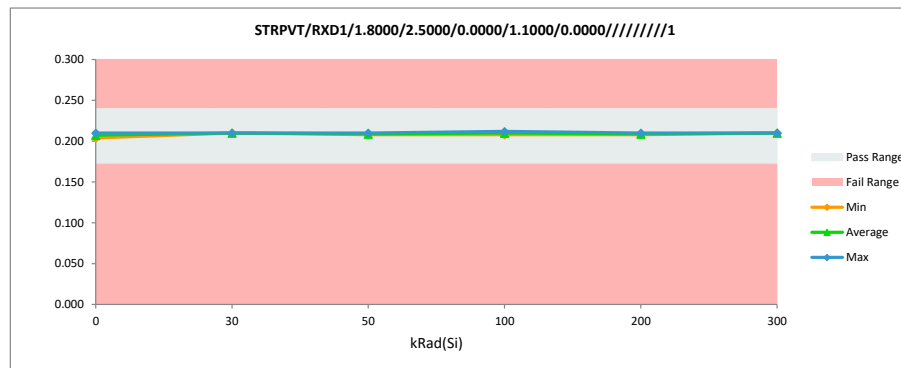
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.210	0.210	0.000
0	188A	0.204	0.204	0.000
0	191A	0.208	0.208	0.000
30	181B	0.210	0.210	0.000
30	191B	0.208	0.210	0.002
50	181C	0.210	0.210	0.000
50	191C	0.208	0.208	0.000
100	181D	0.210	0.212	0.002
100	191D	0.208	0.208	0.000
200	181E	0.210	0.210	0.000
200	191E	0.208	0.208	0.000
300	181F	0.210	0.210	0.000
300	191F	0.208	0.210	0.002
Max		0.210	0.212	0.002
Average		0.209	0.209	0.000
Min		0.204	0.204	0.000
Std Dev		0.002	0.002	0.001



STRPVT/RXD1/1.8000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.239800006
Min Limit	0.172399998

kRad(Si)	0	30	50	100	200	300
LL	0.172	0.172	0.172	0.172	0.172	0.172
Min	0.204	0.210	0.208	0.208	0.208	0.210
Average	0.207	0.210	0.209	0.210	0.209	0.210
Max	0.210	0.210	0.210	0.212	0.210	0.210
UL	0.240	0.240	0.240	0.240	0.240	0.240

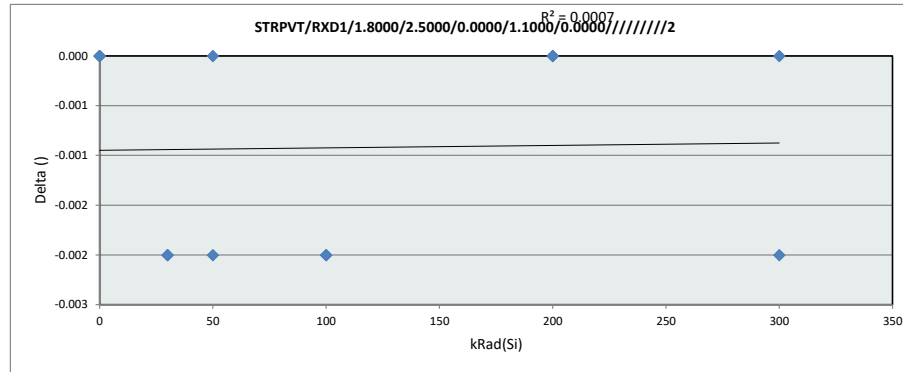


TID Report
DP83561-SP

STRPVT/RXD1/1.8000/2.5000/0.0000/1.1000/0.0000/////////2

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

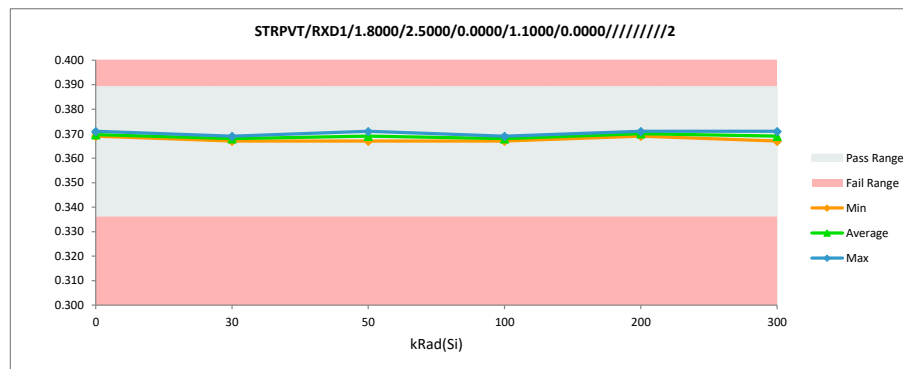
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.369	0.369	0.000
0	188A	0.369	0.369	0.000
0	191A	0.371	0.371	0.000
30	181B	0.369	0.367	-0.002
30	191B	0.371	0.369	-0.002
50	181C	0.369	0.367	-0.002
50	191C	0.371	0.371	0.000
100	181D	0.369	0.367	-0.002
100	191D	0.371	0.369	-0.002
200	181E	0.369	0.369	0.000
200	191E	0.371	0.371	0.000
300	181F	0.369	0.367	-0.002
300	191F	0.371	0.371	0.000
Max		0.371	0.371	0.000
Average		0.370	0.369	-0.001
Min		0.369	0.367	-0.002
Std Dev		0.001	0.002	0.001



STRPVT/RXD1/1.8000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.369	0.367	0.367	0.367	0.369	0.367
Average	0.370	0.368	0.369	0.368	0.370	0.369
Max	0.371	0.369	0.371	0.369	0.371	0.371
UL	0.389	0.389	0.389	0.389	0.389	0.389

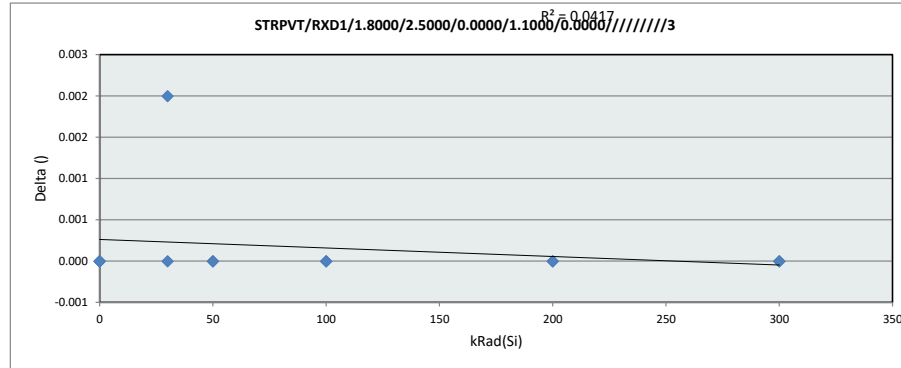


TID Report
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STRPVT/RXD1/1.8000/2.5000/0.0000/1.1000/0.0000/////////3

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	1.075000048	1.075000048
Min Limit	0.509000003	0.509000003

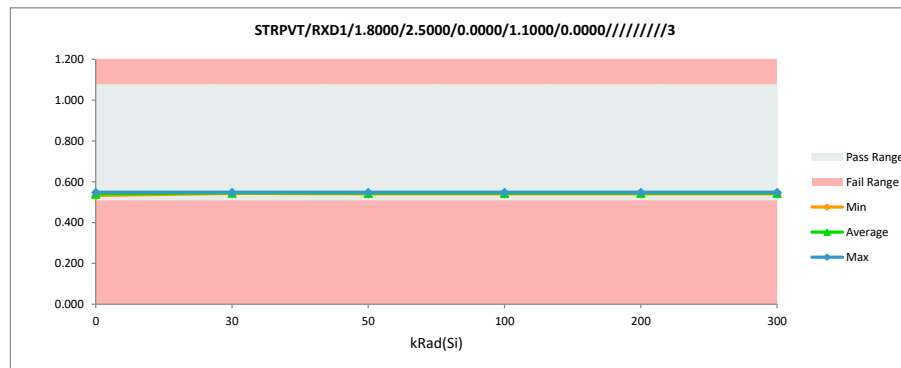
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.541	0.541	0.000
0	188A	0.533	0.533	0.000
0	191A	0.549	0.549	0.000
30	181B	0.541	0.543	0.002
30	191B	0.549	0.549	0.000
50	181C	0.541	0.541	0.000
50	191C	0.549	0.549	0.000
100	181D	0.541	0.541	0.000
100	191D	0.549	0.549	0.000
200	181E	0.541	0.541	0.000
200	191E	0.549	0.549	0.000
300	181F	0.541	0.541	0.000
300	191F	0.549	0.549	0.000
	Max	0.549	0.549	0.002
	Average	0.544	0.544	0.000
	Min	0.533	0.533	0.000
	Std Dev	0.005	0.005	0.001



STRPVT/RXD1/1.8000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	1.075000048
Min Limit	0.509000003

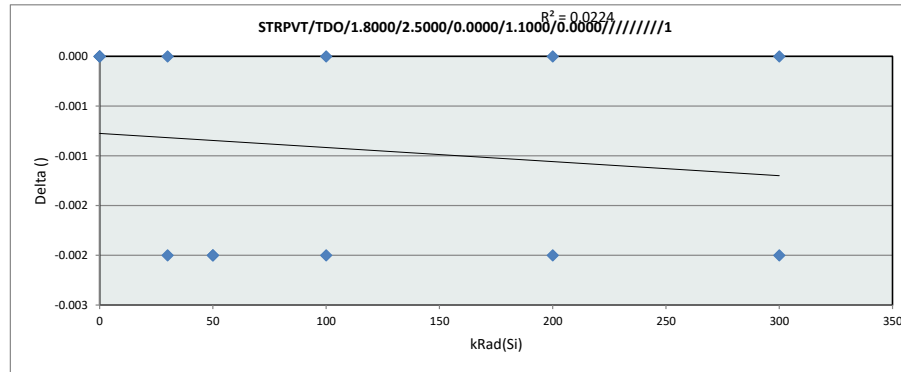
kRad(Si)	0	30	50	100	200	300
LL	0.509	0.509	0.509	0.509	0.509	0.509
Min	0.533	0.543	0.541	0.541	0.541	0.541
Average	0.541	0.546	0.545	0.545	0.545	0.545
Max	0.549	0.549	0.549	0.549	0.549	0.549
UL	1.075	1.075	1.075	1.075	1.075	1.075



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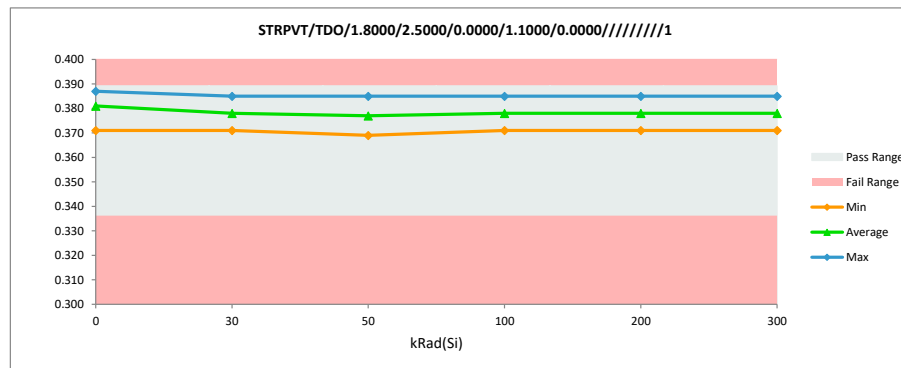
STRPVT/TDO/1.8000/2.5000/0.0000/1.1000/0.0000/////////1		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.387	0.387	0.000
0	188A	0.385	0.385	0.000
0	191A	0.371	0.371	0.000
30	181B	0.387	0.385	-0.002
30	191B	0.371	0.371	0.000
50	181C	0.387	0.385	-0.002
50	191C	0.371	0.369	-0.002
100	181D	0.387	0.385	-0.002
100	191D	0.371	0.371	0.000
200	181E	0.387	0.385	-0.002
200	191E	0.371	0.371	0.000
300	181F	0.387	0.385	-0.002
300	191F	0.371	0.371	0.000
	Max	0.387	0.387	0.000
	Average	0.379	0.379	-0.001
	Min	0.371	0.369	-0.002
	Std Dev	0.008	0.008	0.001



STRPVT/TDO/1.8000/2.5000/0.0000/1.1000/0.0000/////////1		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.371	0.371	0.369	0.371	0.371	0.371
Average	0.381	0.378	0.377	0.378	0.378	0.378
Max	0.387	0.385	0.385	0.385	0.385	0.385
UL	0.389	0.389	0.389	0.389	0.389	0.389

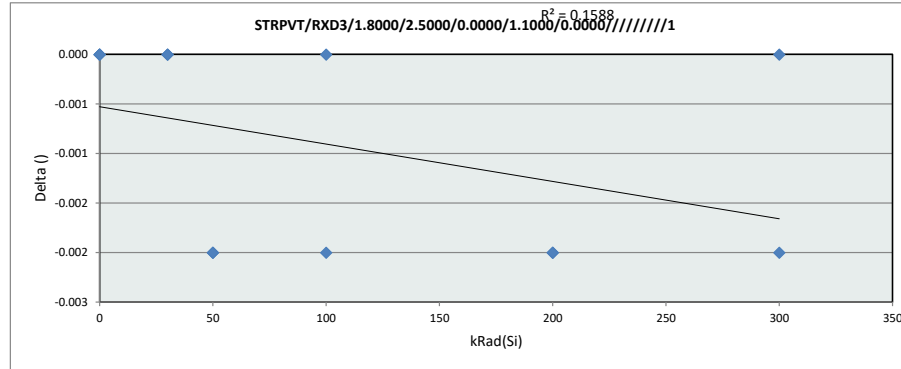


TID Report
DP83561-SP

STRPVT/RXD3/1.8000/2.5000/0.0000/1.1000/0.0000/1/1/1/1/1

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

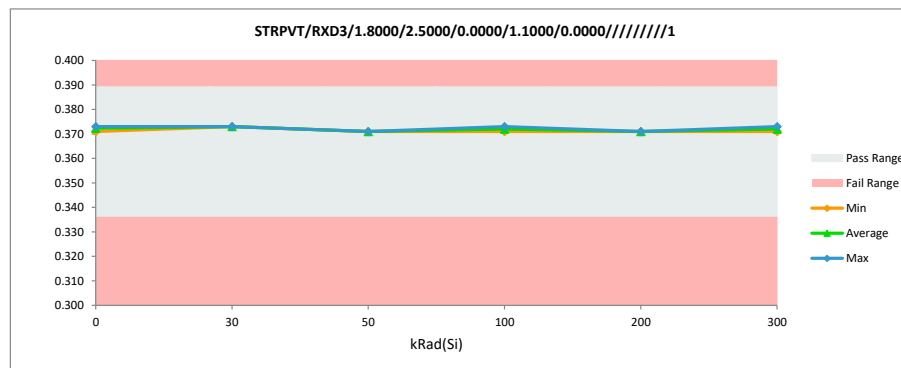
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.373	0.373	0.000
0	188A	0.371	0.371	0.000
0	191A	0.373	0.373	0.000
30	181B	0.373	0.373	0.000
30	191B	0.373	0.373	0.000
50	181C	0.373	0.371	-0.002
50	191C	0.373	0.371	-0.002
100	181D	0.373	0.373	0.000
100	191D	0.373	0.371	-0.002
200	181E	0.373	0.371	-0.002
200	191E	0.373	0.371	-0.002
300	181F	0.373	0.373	0.000
300	191F	0.373	0.371	-0.002
Max		0.373	0.373	0.000
Average		0.373	0.372	-0.001
Min		0.371	0.371	-0.002
Std Dev		0.001	0.001	0.001



STRPVT/RXD3/1.8000/2.5000/0.0000/1.1000/0.0000/1/1/1/1/1

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.371	0.373	0.371	0.371	0.371	0.371
Average	0.372	0.373	0.371	0.372	0.371	0.372
Max	0.373	0.373	0.371	0.373	0.371	0.373
UL	0.389	0.389	0.389	0.389	0.389	0.389

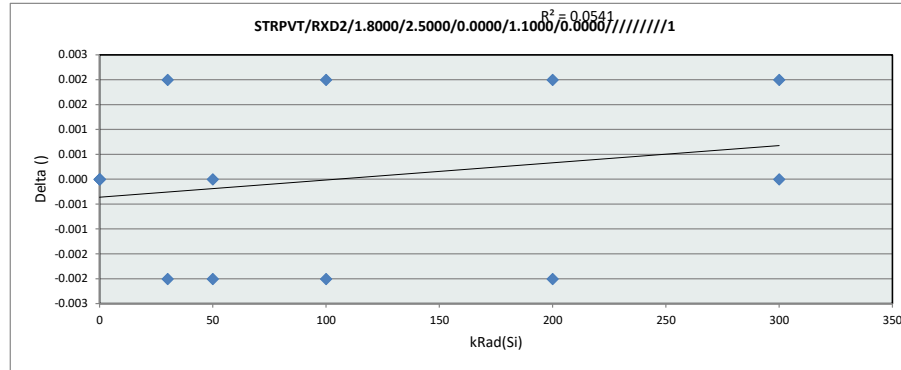


TID Report
DP83561-SP

STRPVT/RXD2/1.8000/2.5000/0.0000/1.1000/0.0000/1/1/1/1/1

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

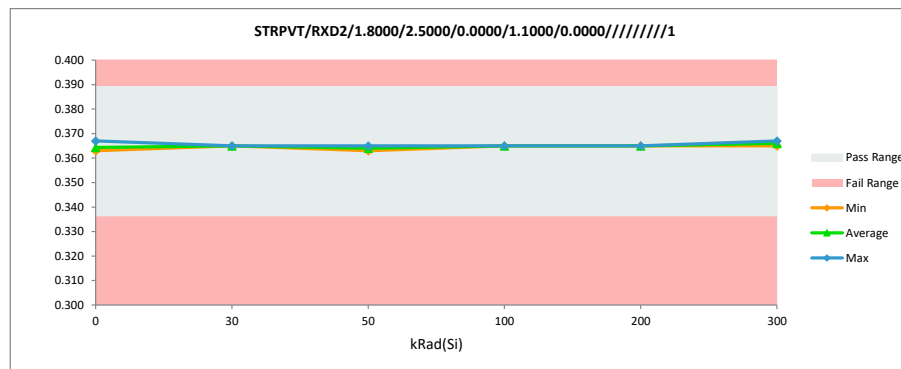
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.367	0.367	0.000
0	188A	0.363	0.363	0.000
0	191A	0.363	0.363	0.000
30	181B	0.367	0.365	-0.002
30	191B	0.363	0.365	0.002
50	181C	0.367	0.365	-0.002
50	191C	0.363	0.363	0.000
100	181D	0.367	0.365	-0.002
100	191D	0.363	0.365	0.002
200	181E	0.367	0.365	-0.002
200	191E	0.363	0.365	0.002
300	181F	0.367	0.367	0.000
300	191F	0.363	0.365	0.002
Max		0.367	0.367	0.002
Average		0.365	0.365	0.000
Min		0.363	0.363	-0.002
Std Dev		0.002	0.001	0.002



STRPVT/RXD2/1.8000/2.5000/0.0000/1.1000/0.0000/1/1/1/1/1

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.363	0.365	0.363	0.365	0.365	0.365
Average	0.364	0.365	0.364	0.365	0.365	0.366
Max	0.367	0.365	0.365	0.365	0.365	0.367
UL	0.389	0.389	0.389	0.389	0.389	0.389

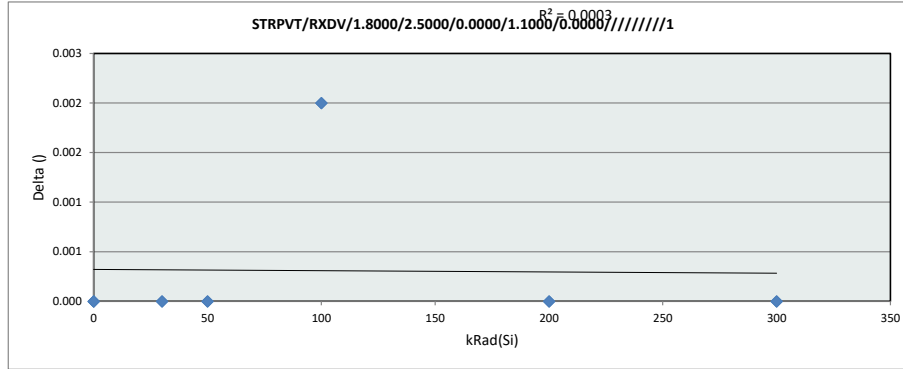


TID Report
DP83561-SP

STRPVT/RXDV/1.8000/2.5000/0.0000/1.1000/0.0000/////////1

Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

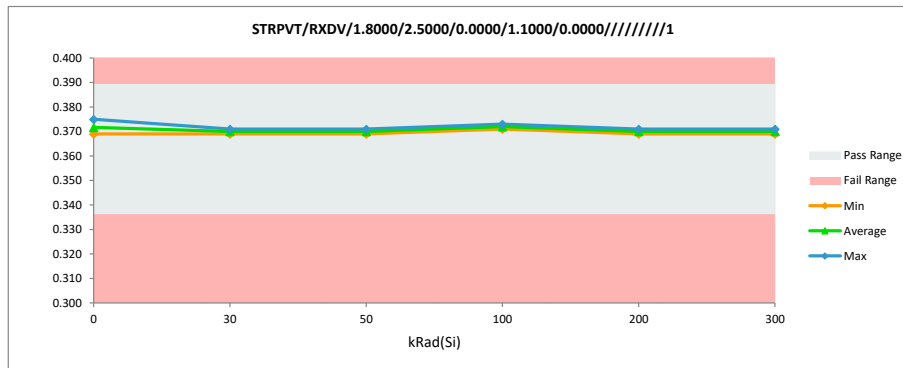
kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.371	0.371	0.000
0	188A	0.375	0.375	0.000
0	191A	0.369	0.369	0.000
30	181B	0.371	0.371	0.000
30	191B	0.369	0.369	0.000
50	181C	0.371	0.371	0.000
50	191C	0.369	0.369	0.000
100	181D	0.371	0.373	0.002
100	191D	0.369	0.371	0.002
200	181E	0.371	0.371	0.000
200	191E	0.369	0.369	0.000
300	181F	0.371	0.371	0.000
300	191F	0.369	0.369	0.000
Max		0.375	0.375	0.002
Average		0.370	0.371	0.000
Min		0.369	0.369	0.000
Std Dev		0.002	0.002	0.001



STRPVT/RXDV/1.8000/2.5000

Test Site	SVA
Tester	UFLEX
Test Number	PF3386
Max Limit	0.389200002
Min Limit	0.336199999

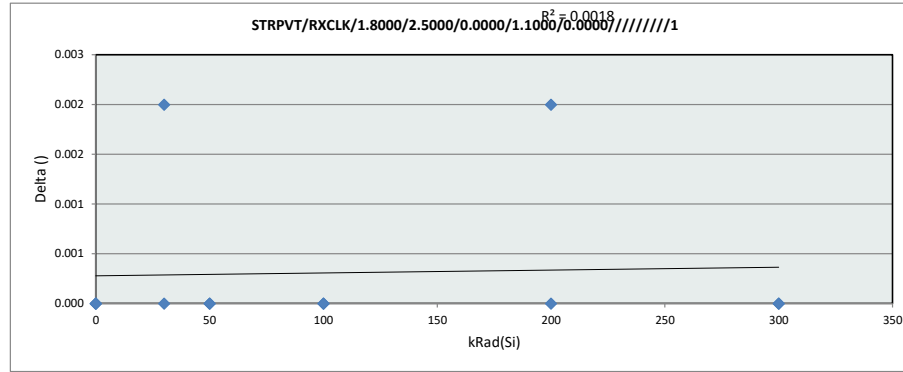
kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.369	0.369	0.369	0.371	0.369	0.369
Average	0.372	0.370	0.370	0.372	0.370	0.370
Max	0.375	0.371	0.371	0.373	0.371	0.371
UL	0.389	0.389	0.389	0.389	0.389	0.389



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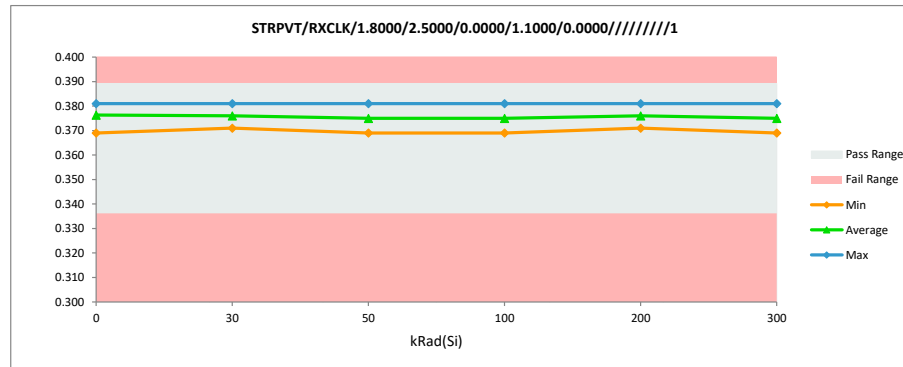
STRPVTRXCLK/1.8000/2.5000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Unit		
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

kRad(Si)	Serial #	PRE	Post	Delta
0	181A	0.381	0.381	0.000
0	188A	0.379	0.379	0.000
0	191A	0.369	0.369	0.000
30	181B	0.381	0.381	0.000
30	191B	0.369	0.371	0.002
50	181C	0.381	0.381	0.000
50	191C	0.369	0.369	0.000
100	181D	0.381	0.381	0.000
100	191D	0.369	0.369	0.000
200	181E	0.381	0.381	0.000
200	191E	0.369	0.371	0.002
300	181F	0.381	0.381	0.000
300	191F	0.369	0.369	0.000
Max		0.381	0.381	0.002
Average		0.375	0.376	0.000
Min		0.369	0.369	0.000
Std Dev		0.006	0.006	0.001



STRPVTRXCLK/1.8000/2.5000/		
Test Site	SVA	SVA
Tester	UFLEX	UFLEX
Test Number	PF3386	PF3386
Max Limit	0.389200002	0.389200002
Min Limit	0.336199999	0.336199999

kRad(Si)	0	30	50	100	200	300
LL	0.336	0.336	0.336	0.336	0.336	0.336
Min	0.369	0.371	0.369	0.369	0.371	0.369
Average	0.376	0.376	0.375	0.375	0.376	0.375
Max	0.381	0.381	0.381	0.381	0.381	0.381
UL	0.389	0.389	0.389	0.389	0.389	0.389



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