

Total Ionizing Dose (TID) Report



**12-Bit, 1.6/3.2 GSPS
Ultra High-Speed ADC
ADC12D1620LGMLS**

Wafer Lot #4021753, wafer # 08

**HiRel Products Radiation Engineering / RHA Programs
2900 Semiconductor Drive
Santa Clara, CA 95052**



**Date: March 08, 2017
Prepared by: Thang Trinh
Radiation Engineer: Kirby Kruckmeyer
Email ID: Kirby.Kruckmeyer@ti.com**

**Texas Instruments Inc.
Radiation Effects Laboratory
Santa Clara, California 95052**

ANALOG TOTAL DOSE RADIATION REPORT

Part Type: ADC12D1620LGMLS

Input Bias Circuit: 06427IR

Dose Rate: 58.43 Rads(Si)/sec

Test Program Used: ADC12D1620QML_QRA4

Tester: Ultra Flex #2 Operator: Thang Trinh

Batch #: 6014378CU9 Wafer Lot #: 4021753 Wafer #: 08

Die ID : ADC12D500A Die Rev : A D/C : 1636A

Number of Units Tested: 2.

Package Type: CCC376A

Production Lot #: 6014378CU9

IPI #: N/A

Disposition: Passed up To 300Krad with units biased during irradiation.

Summary: Passed up To 300Krad

Sample 139 tests were chosen to have graphic plots (from page #5 to #143); all data are reported from page #144 to the end.

Passes Room Temp @:

Pre-Rad (0K), Post 50K, Post 100K, Post 200K; Post 300K.

Part Out of Room Temp Spec @: N/A

Functional Failed @: N/A

Parameters over Limit: N/A

Prepared By: Thang Trinh

08-Mar-17

Approved By Rad Eng: Kirby Kruckmeyer

08-Mar-17

**Standard Test Flow Sheet For Rad Testing
Customer Special Attachment
Rad Tolerant Linear**

TI/NS ID: ADC12D1620LGMLS **LOT:** 6014378CU9 **W#08** **IPI N/A**

Test Program: ADC12D1620QML_QRA4

Machine: Ultra Flex #2 **Operator:** Thang **Bias Board:** 06427IR

Start Time 8:00

Finish Time 11:11

Start Date: 18-Feb-17 **Finish Date:** 18-Feb-17 **RAD ENGINEER:** 08-Mar-17

Control Units s/n: #_206_

Duts : #_51_ #_213_

Location Step	Operation Mtd/Cond	Qty In	Qty Out	Var	Mech	Rej	FF
PASS	Pre - Rad Read/Rec. Tp1	2	2	0	0	0	0
	<i>Irradiation</i> 50k <i>Level</i>	2	2	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp2	2	2	0	0	0	0
	<i>Irradiation</i> 100k <i>Level</i>	2	2	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp3	2	2	0	0	0	0
	<i>Irradiation</i> 200k <i>Level</i>	2	2	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp4	2	2	0	0	0	0

Standard Test Flow Sheet For Rad Testing
Customer Special Attachment
Rad Tolerant Linear

TI/NS ID: ADC12D1620LGMLS **LOT:** 6014378CU9 **W#08** **IPI** N/A

Location Step	Operation Mtd/Cond	Qty In	Qty Out	Var	Mech	Rej	FF
	<i>Irradiation</i>						
	300k Level	2	2	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp5	2	2	0	0	0	0

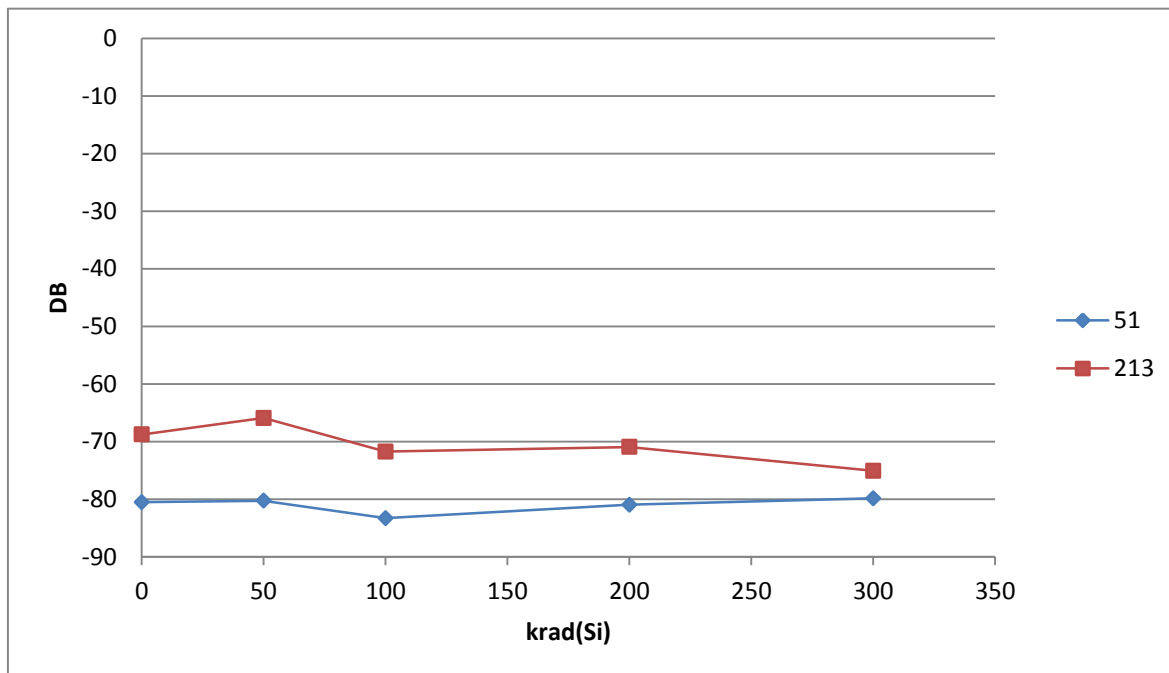
Note: All irradiation's are done per Mil-Std883; Method 1019

830 2HARM/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-80.537659	-80.294022	-83.317642	-80.963615	-79.863441
213	-68.784027	-65.922333	-71.758377	-70.947319	-75.089149
Average	-74.660843	-73.108177	-77.53801	-75.955467	-77.476295
MAX	-68.784027	-65.922333	-71.758377	-70.947319	-75.089149
MIN	-80.537659	-80.294022	-83.317642	-80.963615	-79.863441
STD_dev	8.3110726	10.1623186	8.17363476	7.0825911	3.37593424

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.24363709	-2.7799835	-0.4259567	0.67421722
213		2.86169434	-2.97435	-2.1632919	-6.3051224
Average		1.55266571	-2.8771667	-1.2946243	-2.8154526
MAX		2.86169434	-2.7799835	-0.4259567	0.67421722
MIN		0.24363709	-2.97435	-2.1632919	-6.3051224
STD_dev		1.85124604	0.13743784	1.2284815	4.93513836

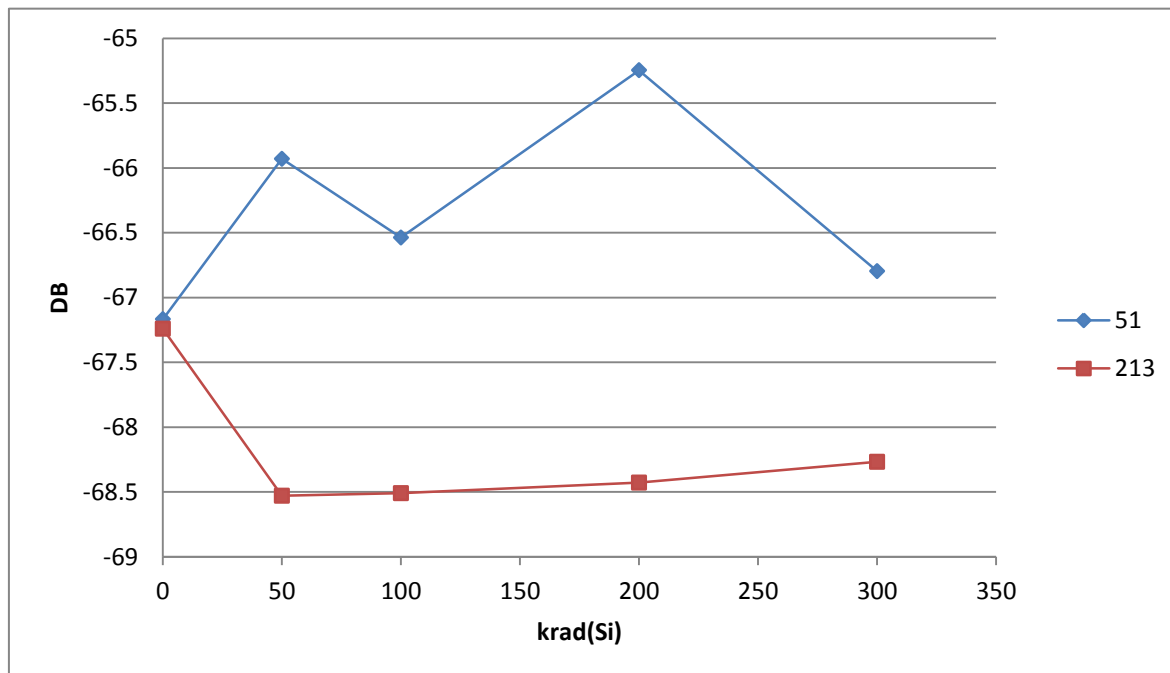


831 3HARM/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min NA Limit_Max -54 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.168396	-65.930008	-66.537994	-65.247871	-66.796074
213	-67.241142	-68.530411	-68.510056	-68.428886	-68.268631
Average	-67.204769	-67.230209	-67.524025	-66.838379	-67.532352
MAX	-67.168396	-65.930008	-66.537994	-65.247871	-66.796074
MIN	-67.241142	-68.530411	-68.510056	-68.428886	-68.268631
STD_dev	0.05143939	1.83876248	1.39445782	2.24931729	1.04125509

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		1.23838806	0.63040161	1.9205246	0.37232208
213		-1.2892685	-1.2689133	-1.1877441	-1.0274887
Average		-0.0254402	-0.3192558	0.36639023	-0.3275833
MAX		1.23838806	0.63040161	1.9205246	0.37232208
MIN		-1.2892685	-1.2689133	-1.1877441	-1.0274887
STD_dev		1.78732309	1.34301843	2.1978779	0.9898157

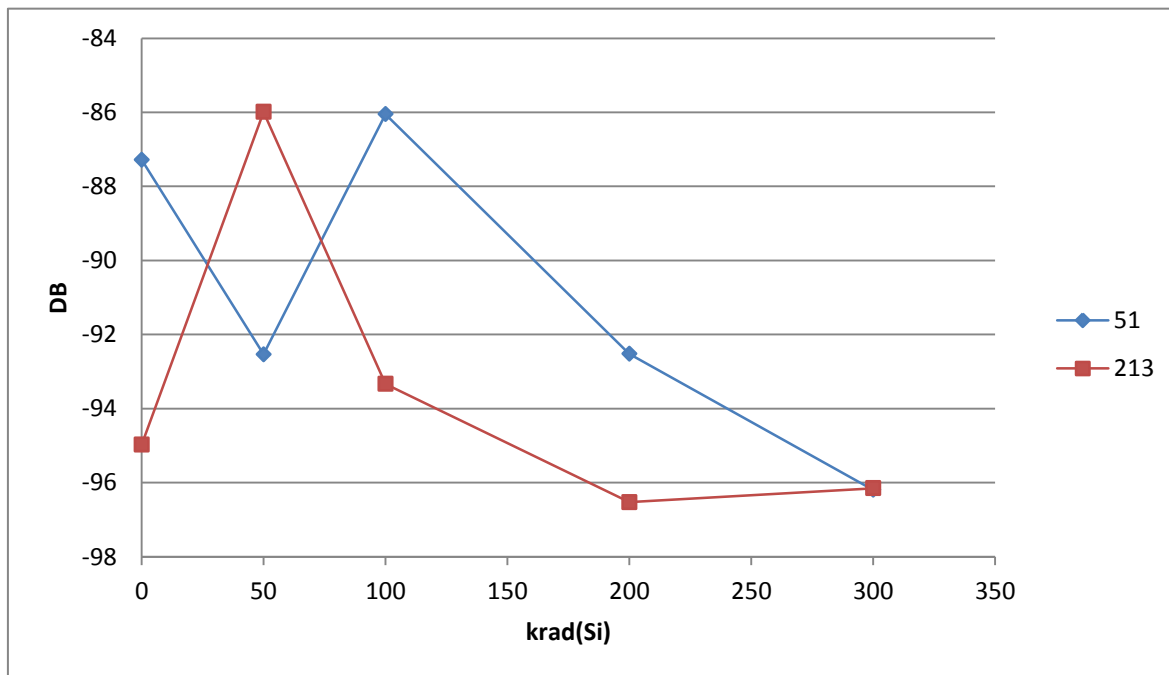


832 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-87.282402	-92.533981	-86.04985	-92.522331	-96.195221
213	-94.975273	-85.989906	-93.334999	-96.528687	-96.150703
Average	-91.128838	-89.261944	-89.692425	-94.525509	-96.172962
MAX	-87.282402	-85.989906	-86.04985	-92.522331	-96.150703
MIN	-94.975273	-92.533981	-93.334999	-96.528687	-96.195221
STD_dev	5.43968132	4.62735982	5.15137799	2.83292099	0.03147864

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-5.2515793	1.23255158	-5.2399292	-8.9128189
213		8.98536682	1.64027405	-1.5534134	-1.1754303
Average		1.86689377	1.43641281	-3.3966713	-5.0441246
MAX		8.98536682	1.64027405	-1.5534134	-1.1754303
MIN		-5.2515793	1.23255158	-5.2399292	-8.9128189
STD_dev		10.0670411	0.28830333	2.60676033	5.47115995

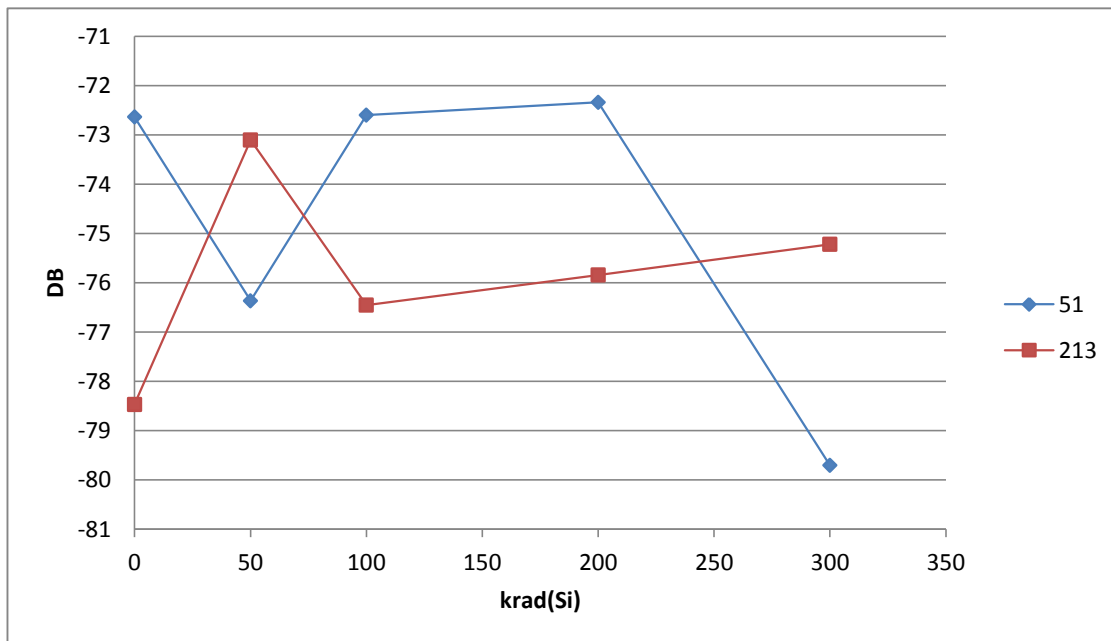


833 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min NA Limit_Max -45 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-72.634995	-76.36702	-72.600243	-72.340416	-79.70121
213	-78.467377	-73.101868	-76.455345	-75.844101	-75.22123
Average	-75.551186	-74.734444	-74.527794	-74.092258	-77.46122
MAX	-72.634995	-73.101868	-72.600243	-72.340416	-75.22123
MIN	-78.467377	-76.36702	-76.455345	-75.844101	-79.70121
STD_dev	4.12411701	2.3088111	2.72596915	2.47747942	3.16782457

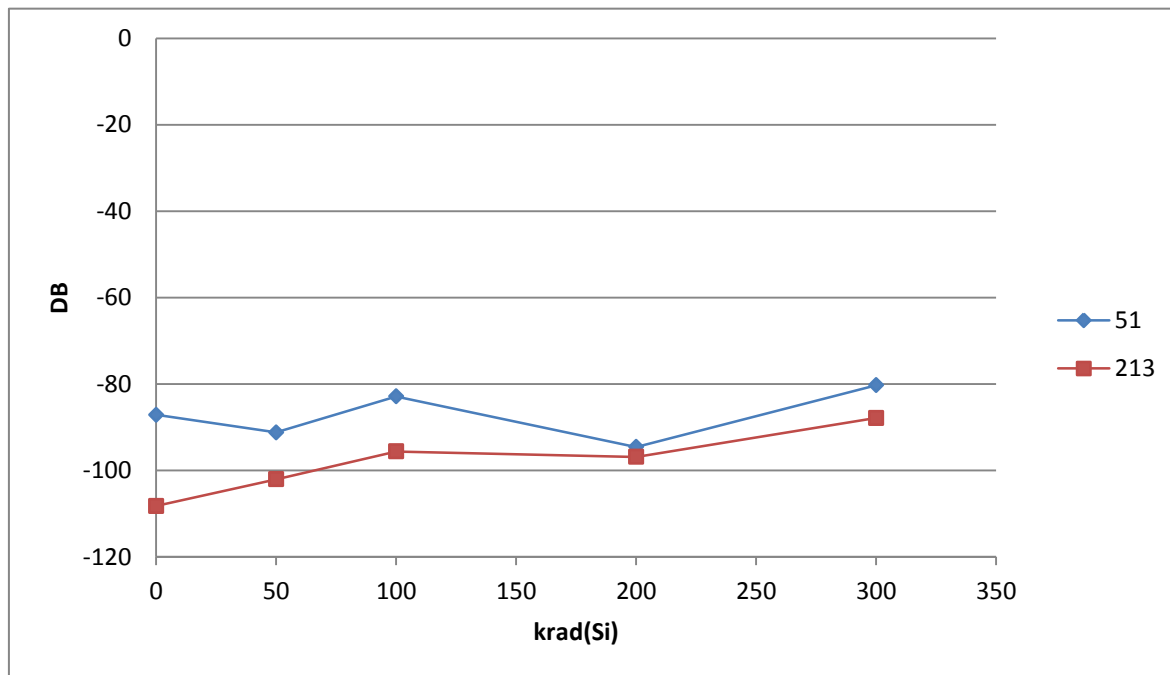
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-3.7320251	0.03475189	0.29457855	-7.0662155
213		5.36550903	2.01203156	2.62327576	3.24614716
Average		0.81674194	1.02339172	1.45892715	-1.9100342
MAX		5.36550903	2.01203156	2.62327576	3.24614716
MIN		-3.7320251	0.03475189	0.29457855	-7.0662155
STD_dev		6.43292811	1.39814786	1.64663758	7.29194157



834 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-87.138977	-91.217598	-82.9049	-94.604103	-80.298973
213	-108.26089	-102.07596	-95.63649	-96.88662	-87.8843
Average	-97.699936	-96.646778	-89.270695	-95.745361	-84.091637
MAX	-87.138977	-91.217598	-82.9049	-94.604103	-80.298973
MIN	-108.26089	-102.07596	-95.63649	-96.88662	-87.8843
STD_dev	14.9354513	7.67802019	9.00259382	1.61398288	5.36363626

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-4.0786209	4.23407745	-7.465126	6.84000397
213		6.18493652	12.6244049	11.3742752	20.3765945
Average		1.05315781	8.42924118	1.95457459	13.6082993
MAX		6.18493652	12.6244049	11.3742752	20.3765945
MIN		-4.0786209	4.23407745	-7.465126	6.84000397
STD_dev		7.25743106	5.93285744	13.3214684	9.57181499

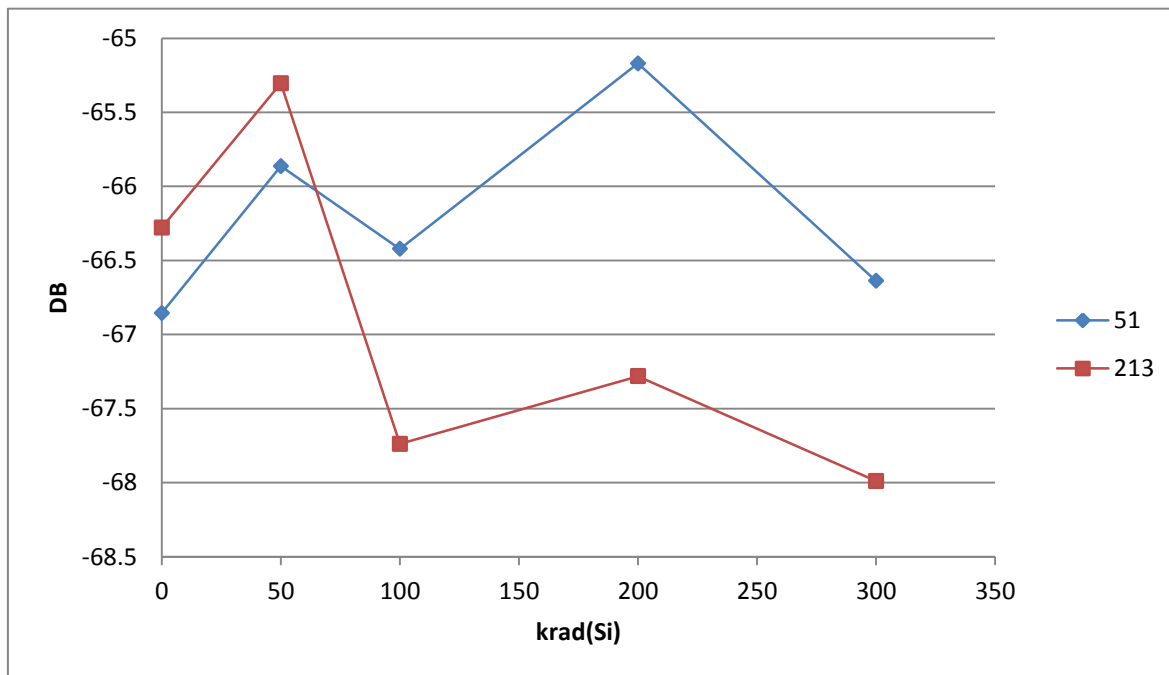


835 THD/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -62.299999 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.85556	-65.863449	-66.42144	-65.170227	-66.637794
213	-66.278778	-65.304382	-67.738586	-67.281548	-67.989342
Average	-66.567169	-65.583916	-67.080013	-66.225887	-67.313568
MAX	-66.278778	-65.304382	-66.42144	-65.170227	-66.637794
MIN	-66.85556	-65.863449	-67.738586	-67.281548	-67.989342
STD_dev	0.40784662	0.39531991	0.93136308	1.49292904	0.95568822

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.99211121	0.43412018	1.68533325	0.21776581
213		0.97439575	-1.4598084	-1.0027695	-1.7105637
Average		0.98325348	-0.5128441	0.34128189	-0.7463989
MAX		0.99211121	0.43412018	1.68533325	0.21776581
MIN		0.97439575	-1.4598084	-1.0027695	-1.7105637
STD_dev		0.01252672	1.33920971	1.90077566	1.36353484

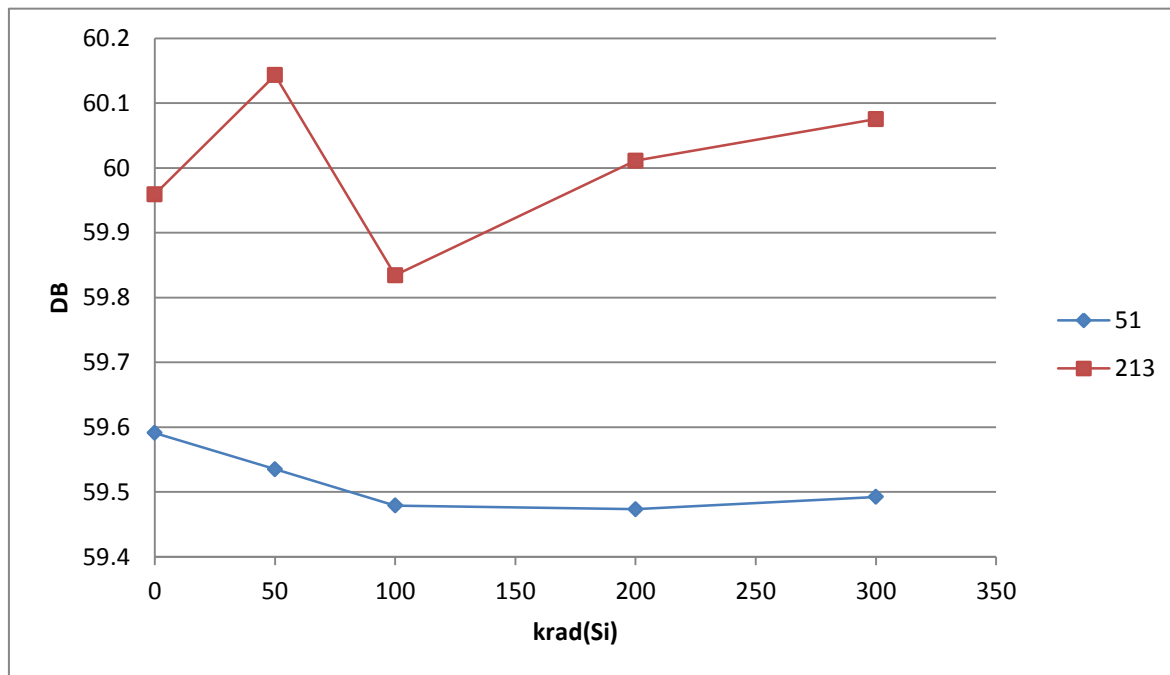


836 SNR2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min 57.5999985 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.5910454	59.5349312	59.4789925	59.4732056	59.4922524
213	59.959137	60.1431427	59.8341331	60.0110168	60.0752792
Average	59.7750912	59.8390369	59.6565628	59.7421112	59.7837658
MAX	59.959137	60.1431427	59.8341331	60.0110168	60.0752792
MIN	59.5910454	59.5349312	59.4789925	59.4732056	59.4922524
STD_dev	0.26028005	0.43007049	0.25112239	0.38029	0.41226226

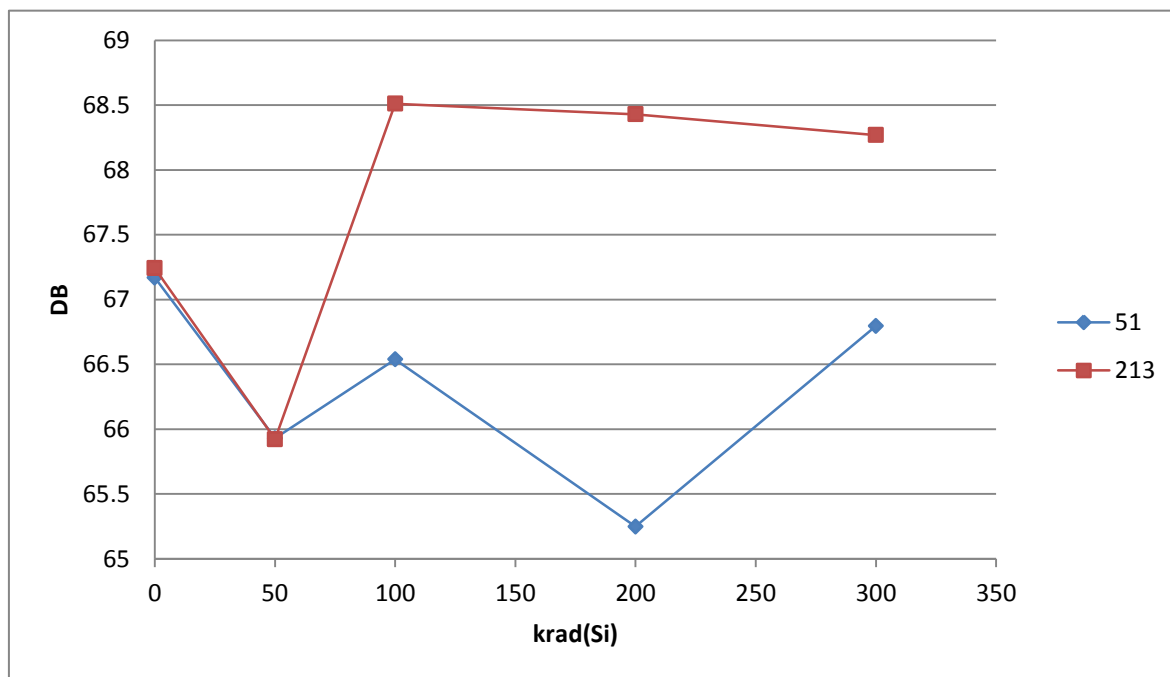
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0561142	-0.1120529	-0.1178398	-0.098793
213		0.18400574	-0.1250038	0.05187988	0.11614227
Average		0.06394577	-0.1185284	-0.03298	0.00867462
MAX		0.18400574	-0.1120529	0.05187988	0.11614227
MIN		-0.0561142	-0.1250038	-0.1178398	-0.098793
STD_dev		0.16979043	0.00915767	0.12000995	0.15198221



837 SFDR2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min	62.5	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	67.168396	65.9300079	66.5379944	65.2478714	66.7960739
213	67.2411423	65.9223328	68.5100555	68.4288864	68.268631
Average	67.2047691	65.9261703	67.524025	66.8383789	67.5323524
MAX	67.2411423	65.9300079	68.5100555	68.4288864	68.268631
MIN	67.168396	65.9223328	66.5379944	65.2478714	66.7960739
STD_dev	0.05143939	0.00542717	1.39445782	2.24931729	1.04125509

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.2383881	-0.6304016	-1.9205246	-0.3723221
213		-1.3188095	1.26891327	1.18774414	1.02748871
Average		-1.2785988	0.31925583	-0.3663902	0.32758331
MAX		-1.2383881	1.26891327	1.18774414	1.02748871
MIN		-1.3188095	-0.6304016	-1.9205246	-0.3723221
STD_dev		0.05686655	1.34301843	2.1978779	0.9898157

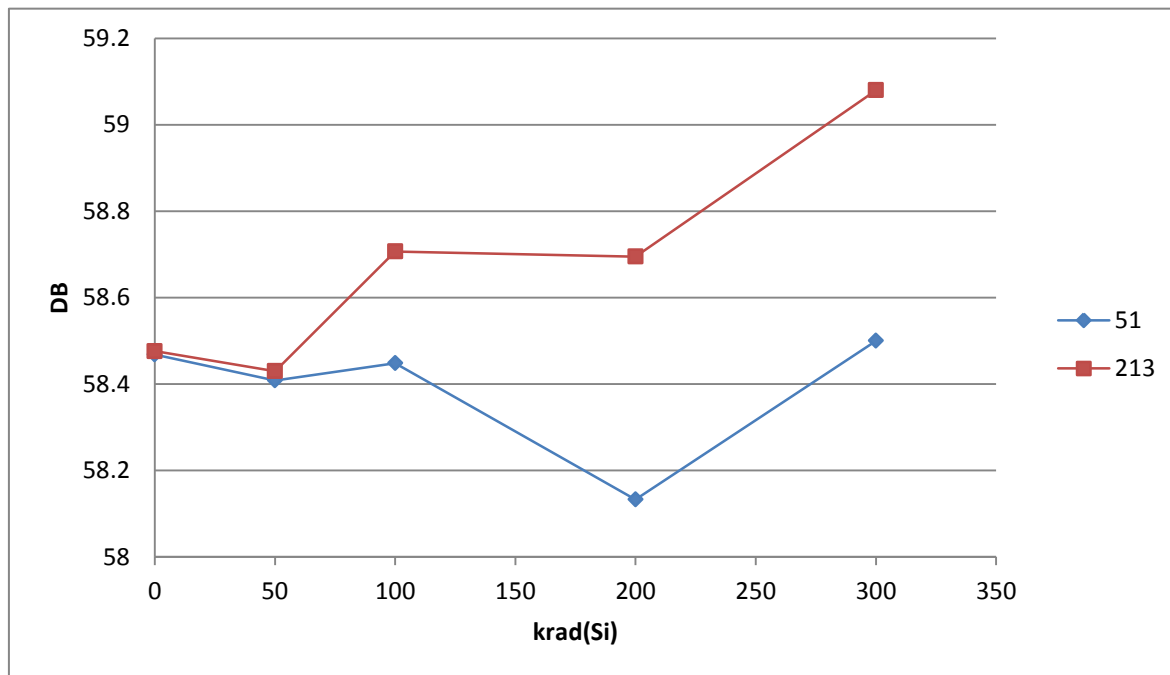


838 SINAD2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min 56.5400009 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.4678764	58.4081383	58.448204	58.1323891	58.4998436
213	58.4758263	58.4296227	58.7064171	58.6947441	59.0799522
Average	58.4718513	58.4188805	58.5773106	58.4135666	58.7898979
MAX	58.4758263	58.4296227	58.7064171	58.6947441	59.0799522
MIN	58.4678764	58.4081383	58.448204	58.1323891	58.4998436
STD_dev	0.00562138	0.01519175	0.18258419	0.39764506	0.41019876

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0597382	-0.0196724	-0.3354874	0.03196716
213		-0.0462036	0.23059082	0.21891785	0.60412598
Average		-0.0529709	0.10545921	-0.0582848	0.31804657
MAX		-0.0462036	0.23059082	0.21891785	0.60412598
MIN		-0.0597382	-0.0196724	-0.3354874	0.03196716
STD_dev		0.00957037	0.17696282	0.39202368	0.40457738

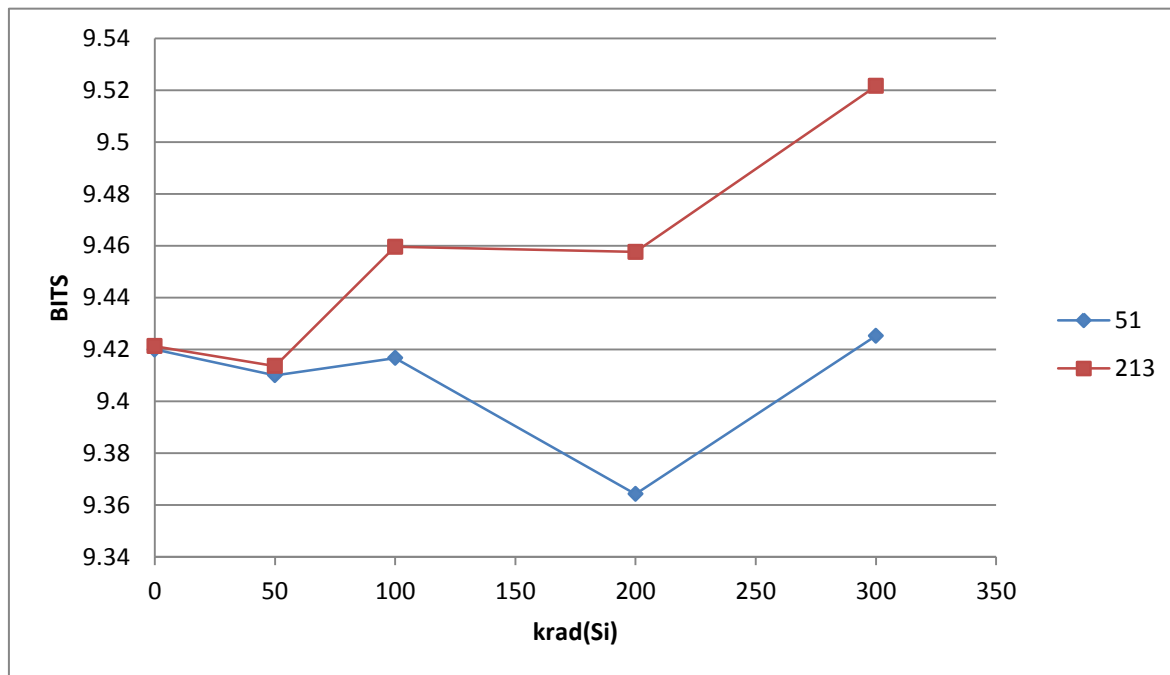


839 ENOB2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min 9.10000038 Limit_Max NA BITS

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.41991329	9.40998936	9.41664505	9.36418438	9.42522335
213	9.42123318	9.41355896	9.45953751	9.45759869	9.52158737
Average	9.42057323	9.41177416	9.43809128	9.41089153	9.47340536
MAX	9.42123318	9.41355896	9.45953751	9.45759869	9.52158737
MIN	9.41991329	9.40998936	9.41664505	9.36418438	9.42522335
STD_dev	0.0009333	0.00252409	0.03032955	0.06605389	0.06813965

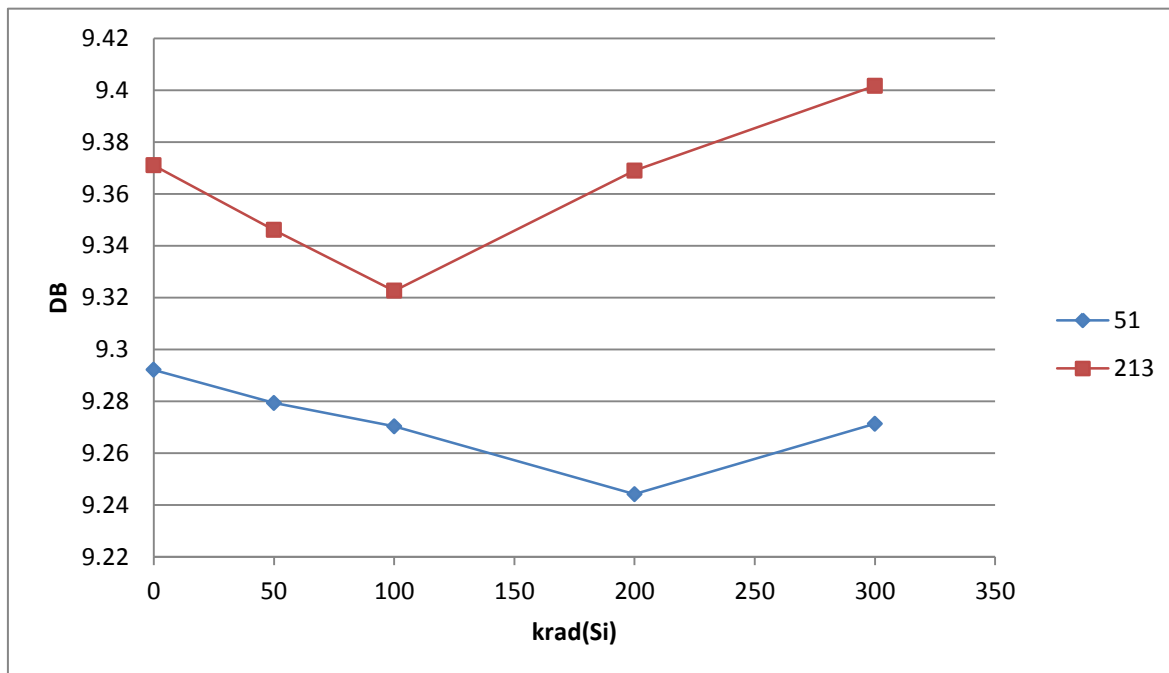
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0099239	-0.0032682	-0.0557289	0.00531006
213		-0.0076742	0.03830433	0.03636551	0.1003542
Average		-0.0087991	0.01751804	-0.0096817	0.05283213
MAX		-0.0076742	0.03830433	0.03636551	0.1003542
MIN		-0.0099239	-0.0032682	-0.0557289	0.00531006
STD_dev		0.00159079	0.02939625	0.06512059	0.06720635



840 AMP/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.29210568	9.27928543	9.27027893	9.24413776	9.27131081
213	9.37096024	9.34602833	9.32254696	9.36892414	9.40163136
Average	9.33153296	9.31265688	9.29641295	9.30653095	9.33647108
MAX	9.37096024	9.34602833	9.32254696	9.36892414	9.40163136
MIN	9.29210568	9.27928543	9.27027893	9.24413776	9.27131081
STD_dev	0.05575859	0.04719436	0.03695908	0.08823729	0.09215054

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0128202	-0.0218267	-0.0479679	-0.0207949
213		-0.0249319	-0.0484133	-0.0020361	0.03067112
Average		-0.0188761	-0.03512	-0.025002	0.00493812
MAX		-0.0128202	-0.0218267	-0.0020361	0.03067112
MIN		-0.0249319	-0.0484133	-0.0479679	-0.0207949
STD_dev		0.00856424	0.01879952	0.0324787	0.03639195

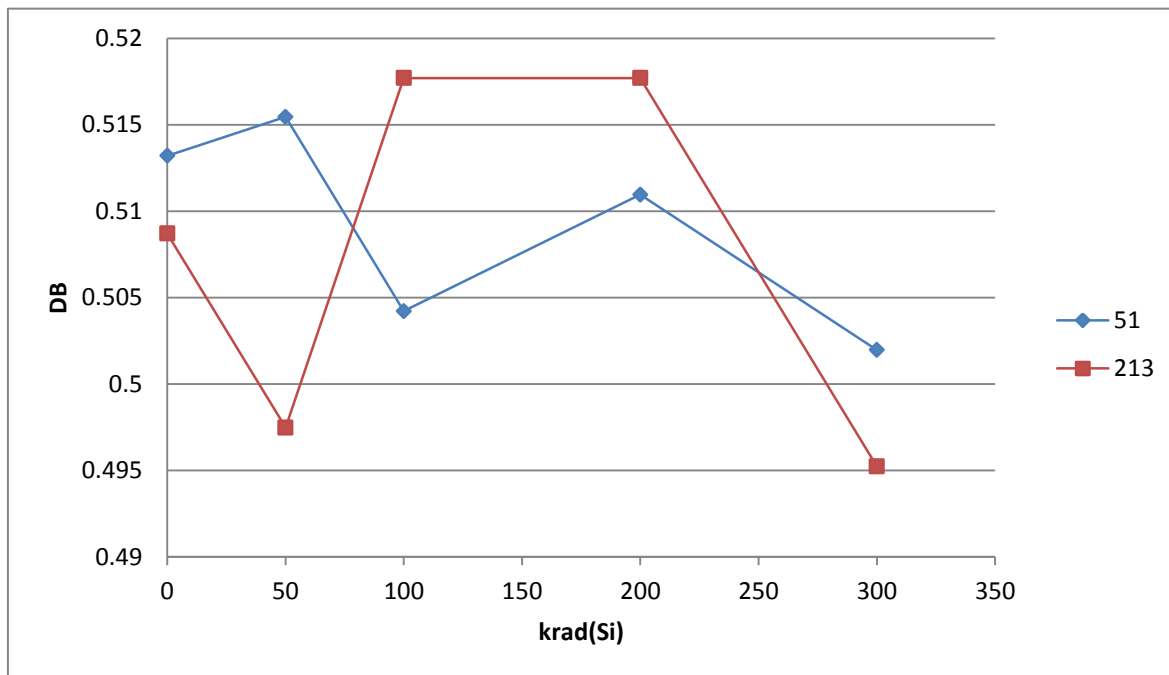


841 DBFS/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min 0.30000001 Limit_Max 0.69999999 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.51320291	0.51545286	0.50420898	0.51095355	0.50196195
213	0.50870478	0.49746966	0.51770341	0.51770341	0.49522436
Average	0.51095384	0.50646126	0.5109562	0.51432848	0.49859315
MAX	0.51320291	0.51545286	0.51770341	0.51770341	0.50196195
MIN	0.50870478	0.49746966	0.50420898	0.51095355	0.49522436
STD_dev	0.00318065	0.01271604	0.009542	0.00477288	0.00476419

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.00224996	-0.0089939	-0.0022494	-0.011241
213		-0.0112351	0.00899863	0.00899863	-0.0134804
Average		-0.0044926	2.354E-06	0.00337464	-0.0123607
MAX		0.00224996	0.00899863	0.00899863	-0.011241
MIN		-0.0112351	-0.0089939	-0.0022494	-0.0134804
STD_dev		0.00953539	0.01272266	0.00795353	0.00158354

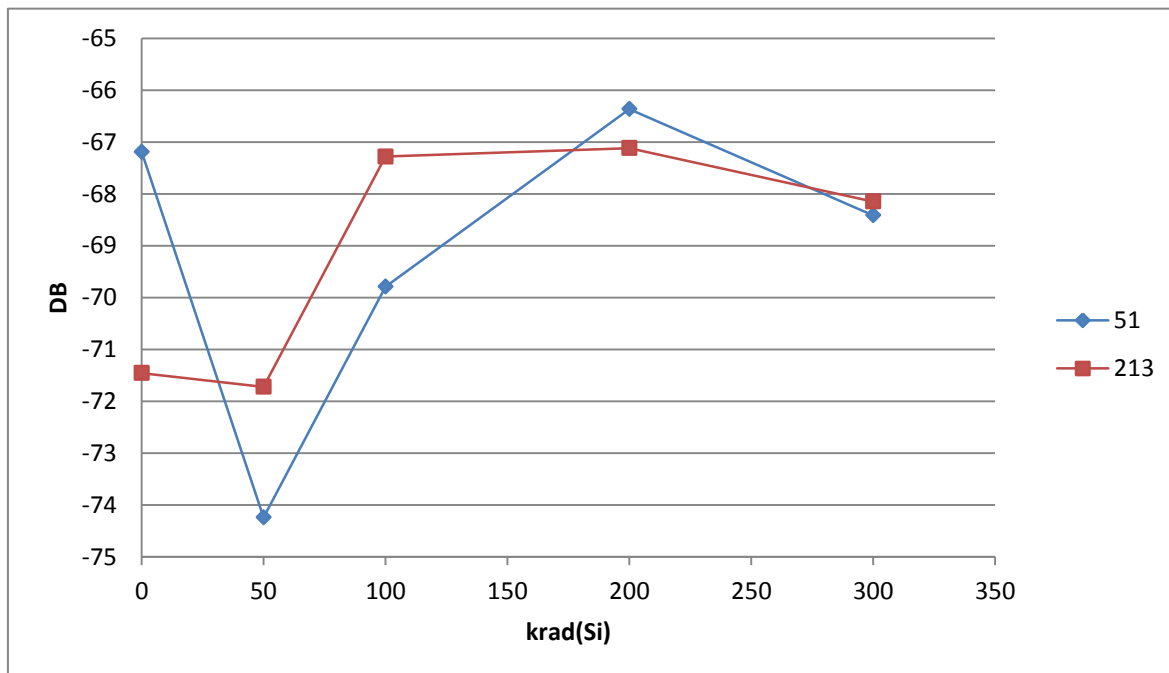


850 2HARM/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.190483	-74.242615	-69.790863	-66.365524	-68.415306
213	-71.459015	-71.721542	-67.281494	-67.11927	-68.15062
Average	-69.324749	-72.982079	-68.536179	-66.742397	-68.282963
MAX	-67.190483	-71.721542	-67.281494	-66.365524	-68.15062
MIN	-71.459015	-74.242615	-69.790863	-67.11927	-68.415306
STD_dev	3.01830778	1.78266738	1.77439176	0.53297893	0.18716168

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-7.0521317	-2.6003799	0.8249588	-1.224823
213		-0.2625275	4.17752075	4.33974457	3.30839539
Average		-3.6573296	0.7885704	2.58235168	1.04178619
MAX		-0.2625275	4.17752075	4.33974457	3.30839539
MIN		-7.0521317	-2.6003799	0.8249588	-1.224823
STD_dev		4.80097516	4.79269954	2.48532885	3.20546946

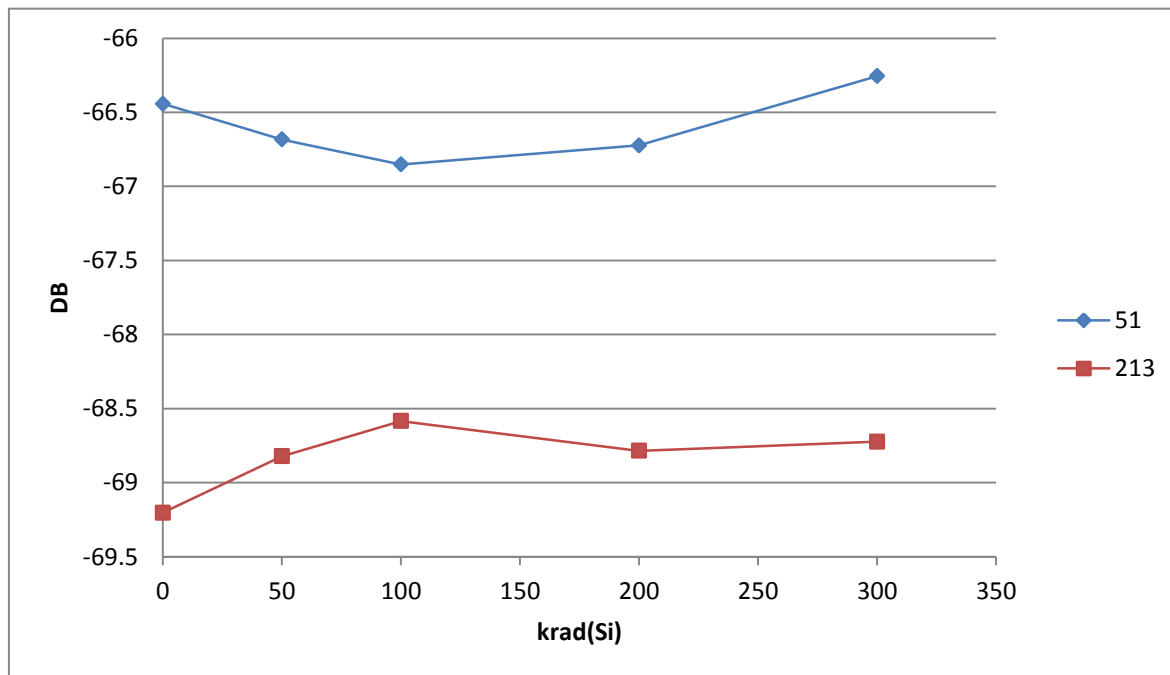


851 3HARM/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -54 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.442795	-66.68293	-66.85186	-66.723015	-66.255844
213	-69.202843	-68.822304	-68.584106	-68.784988	-68.72332
Average	-67.822819	-67.752617	-67.717983	-67.754002	-67.489582
MAX	-66.442795	-66.68293	-66.85186	-66.723015	-66.255844
MIN	-69.202843	-68.822304	-68.584106	-68.784988	-68.72332
STD_dev	1.95164859	1.51276571	1.22488318	1.45803549	1.74476893

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.2401352	-0.4090652	-0.28022	0.18695068
213		0.38053894	0.61873627	0.41785431	0.47952271
Average		0.07020187	0.10483551	0.06881714	0.33323669
MAX		0.38053894	0.61873627	0.41785431	0.47952271
MIN		-0.2401352	-0.4090652	-0.28022	0.18695068
STD_dev		0.43888289	0.72676542	0.4936131	0.20687966

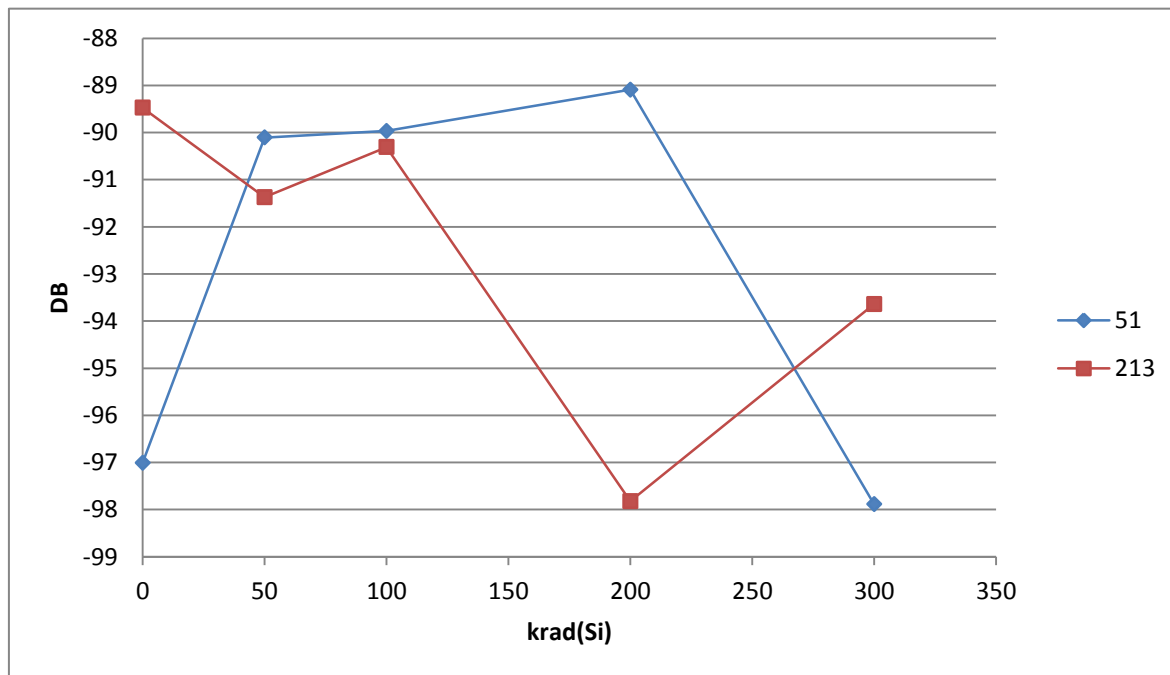


852 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-97.007263	-90.104988	-89.968079	-89.091248	-97.886887
213	-89.476089	-91.373688	-90.309242	-97.824081	-93.640404
Average	-93.241676	-90.739338	-90.13866	-93.457664	-95.763645
MAX	-89.476089	-90.104988	-89.968079	-89.091248	-93.640404
MIN	-97.007263	-91.373688	-90.309242	-97.824081	-97.886887
STD_dev	5.325344	0.89710612	0.24123912	6.17504604	3.00271682

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		6.90227509	7.03918457	7.91601562	-0.8796234
213		-1.8975983	-0.8331528	-8.3479919	-4.1643143
Average		2.50233841	3.1030159	-0.2159882	-2.5219688
MAX		6.90227509	7.03918457	7.91601562	-0.8796234
MIN		-1.8975983	-0.8331528	-8.3479919	-4.1643143
STD_dev		6.22245012	5.56658312	11.50039	2.32262718

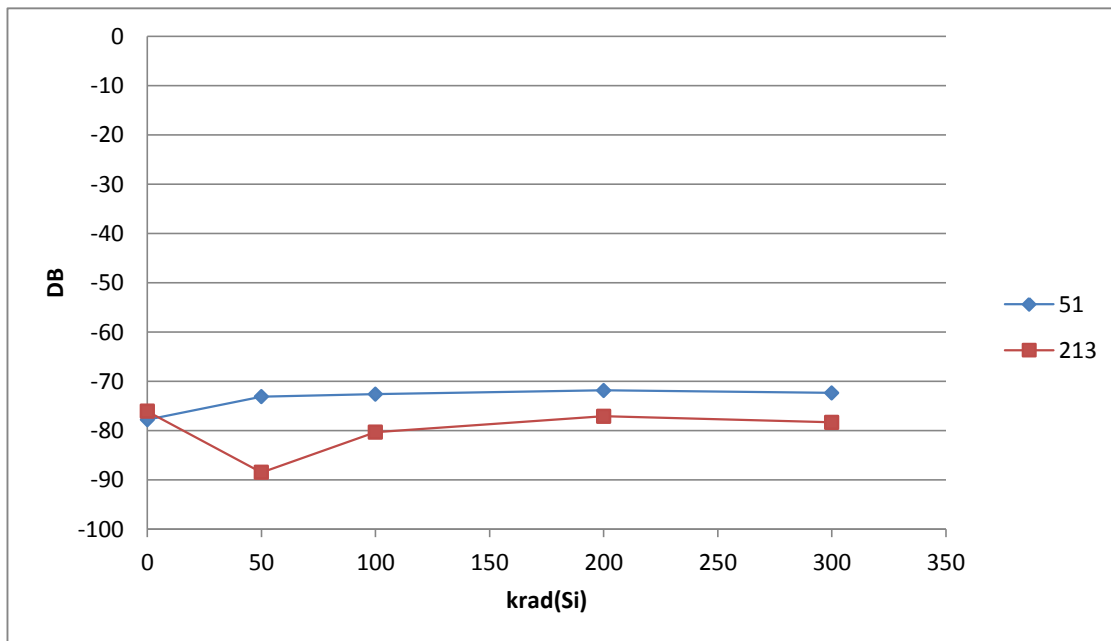


853 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -45 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-77.7864	-73.128609	-72.632744	-71.841942	-72.363808
213	-76.0867	-88.486649	-80.339104	-77.109901	-78.315964
Average	-76.93655	-80.807629	-76.485924	-74.475922	-75.339886
MAX	-76.0867	-73.128609	-72.632744	-71.841942	-72.363808
MIN	-77.7864	-88.486649	-80.339104	-77.109901	-78.315964
STD_dev	1.20186897	10.8597741	5.44921932	3.72500995	4.20880992

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		4.65779114	5.15365601	5.94445801	5.42259216
213		-12.399948	-4.2524033	-1.023201	-2.2292633
Average		-3.8710785	0.45062637	2.46062851	1.59666443
MAX		4.65779114	5.15365601	5.94445801	5.42259216
MIN		-12.399948	-4.2524033	-1.023201	-2.2292633
STD_dev		12.0616431	6.65108829	4.92687893	5.41067889

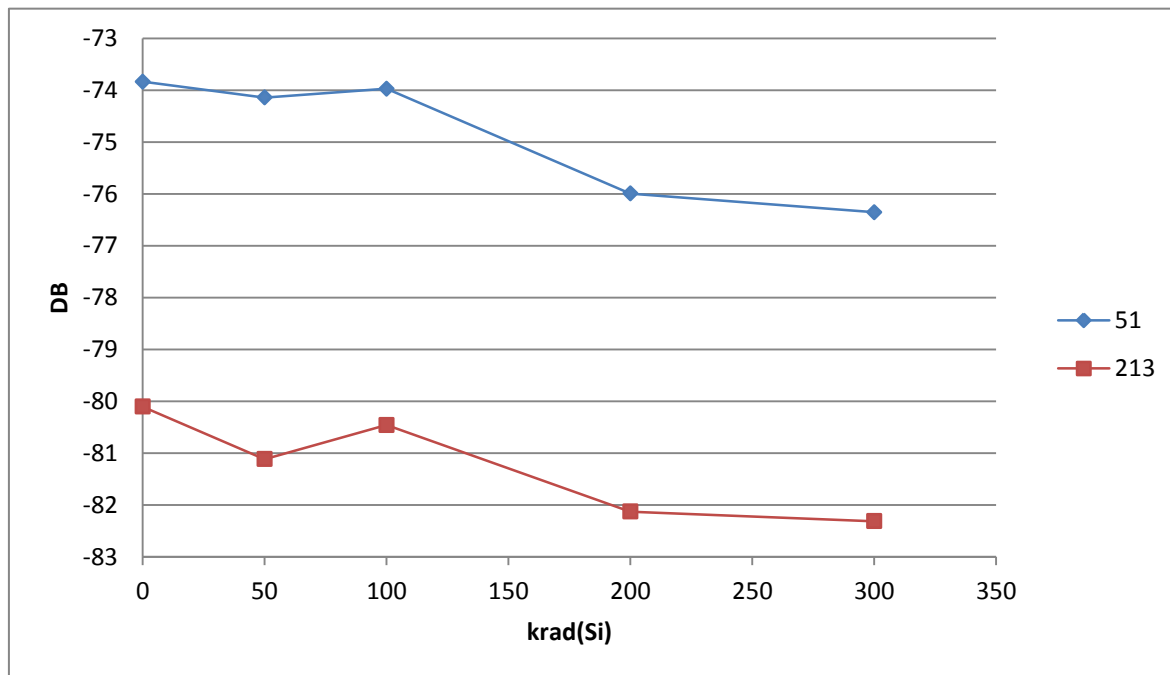


854 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min NA Limit_Max -50 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-73.836502	-74.143784	-73.973358	-75.995956	-76.357338
213	-80.10701	-81.116478	-80.459427	-82.131226	-82.314911
Average	-76.971756	-77.630131	-77.216393	-79.063591	-79.336124
MAX	-73.836502	-74.143784	-73.973358	-75.995956	-76.357338
MIN	-80.10701	-81.116478	-80.459427	-82.131226	-82.314911
STD_dev	4.4339186	4.93043949	4.58634318	4.33829043	4.21264022

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.3072815	-0.1368561	-2.1594543	-2.5208359
213		-1.0094681	-0.352417	-2.0242157	-2.207901
Average		-0.6583748	-0.2446365	-2.091835	-2.3643684
MAX		-0.3072815	-0.1368561	-2.0242157	-2.207901
MIN		-1.0094681	-0.352417	-2.1594543	-2.5208359
STD_dev		0.4965209	0.15242458	0.09562817	0.22127837

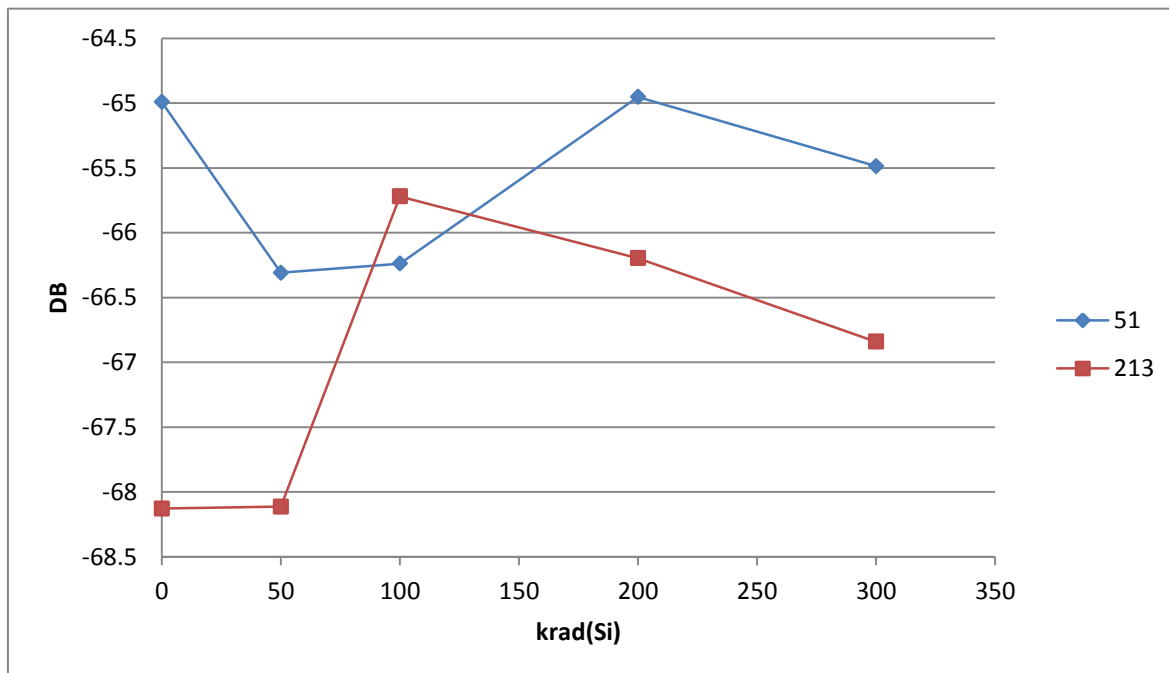


855 THD/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min NA Limit_Max -62.299999 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.991295	-66.308746	-66.238976	-64.952156	-65.486595
213	-68.128769	-68.113251	-65.720291	-66.197113	-66.840881
Average	-66.560032	-67.210999	-65.979633	-65.574635	-66.163738
MAX	-64.991295	-66.308746	-65.720291	-64.952156	-65.486595
MIN	-68.128769	-68.113251	-66.238976	-66.197113	-66.840881
STD_dev	2.21852918	1.27597729	0.36676525	0.88031752	0.95762495

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.3174515	-1.2476807	0.03913879	-0.4953003
213		0.01551819	2.40847778	1.93165588	1.28788757
Average		-0.6509666	0.58039856	0.98539734	0.39629364
MAX		0.01551819	2.40847778	1.93165588	1.28788757
MIN		-1.3174515	-1.2476807	0.03913879	-0.4953003
STD_dev		0.94255189	2.58529443	1.33821167	1.26090423

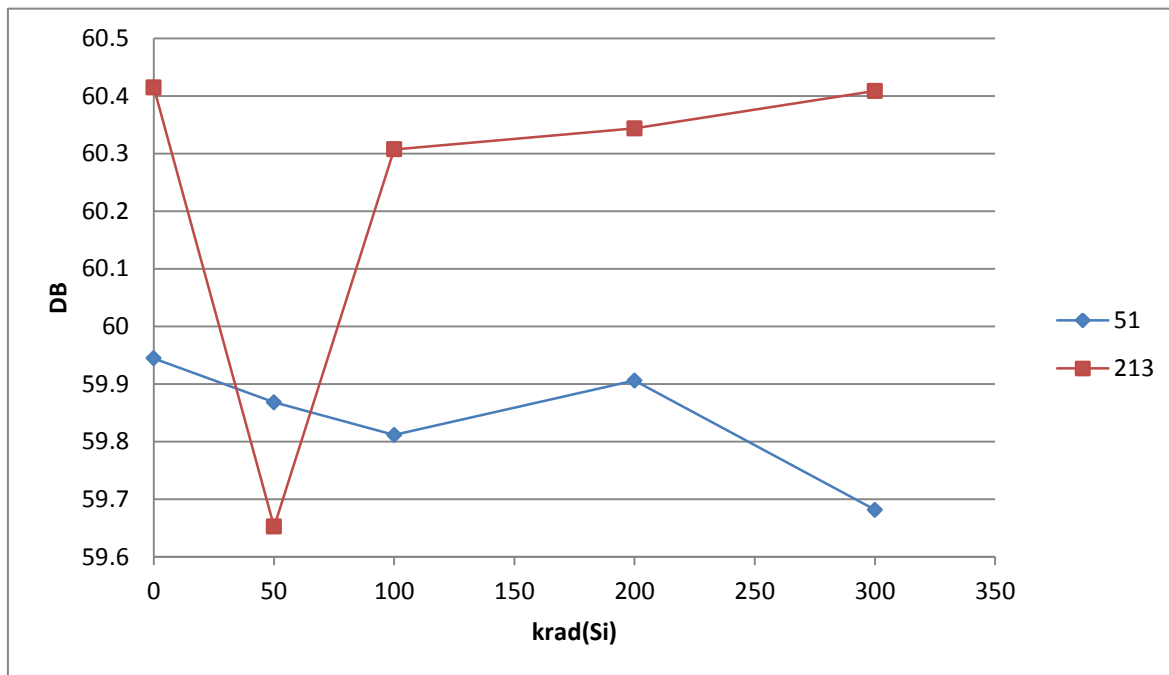


856 SNR2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min 57.5999985 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.9444275	59.868103	59.8113937	59.9056473	59.6813049
213	60.4146729	59.652092	60.3069801	60.3435059	60.4083633
Average	60.1795502	59.7600975	60.0591869	60.1245766	60.0448341
MAX	60.4146729	59.868103	60.3069801	60.3435059	60.4083633
MIN	59.9444275	59.652092	59.8113937	59.9056473	59.6813049
STD_dev	0.33251368	0.15274288	0.3504325	0.30961277	0.51410793

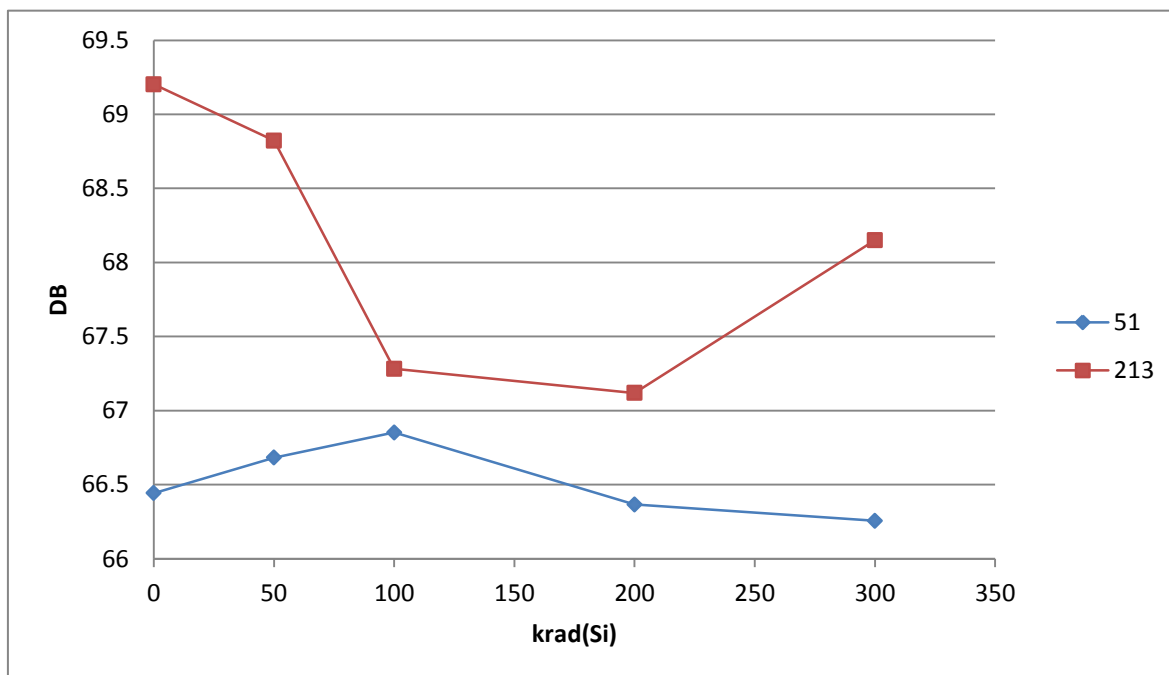
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0763245	-0.1330338	-0.0387802	-0.2631226
213		-0.7625809	-0.1076927	-0.071167	-0.0063095
Average		-0.4194527	-0.1203632	-0.0549736	-0.134716
MAX		-0.0763245	-0.1076927	-0.0387802	-0.0063095
MIN		-0.7625809	-0.1330338	-0.071167	-0.2631226
STD_dev		0.48525656	0.01791882	0.02290091	0.18159425



857 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	62.5	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	66.4427948	66.68293	66.85186	66.3655243	66.2558441
213	69.2028427	68.8223038	67.2814941	67.1192703	68.1506195
Average	67.8228188	67.7526169	67.0666771	66.7423973	67.2032318
MAX	69.2028427	68.8223038	67.2814941	67.1192703	68.1506195
MIN	66.4427948	66.68293	66.85186	66.3655243	66.2558441
STD_dev	1.95164859	1.51276571	0.30379718	0.53297893	1.33980853

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.24013519	0.40906525	-0.0772705	-0.1869507
213		-0.3805389	-1.9213486	-2.0835724	-1.0522232
Average		-0.0702019	-0.7561417	-1.0804214	-0.6195869
MAX		0.24013519	0.40906525	-0.0772705	-0.1869507
MIN		-0.3805389	-1.9213486	-2.0835724	-1.0522232
STD_dev		0.43888289	1.64785141	1.41866966	0.61184007

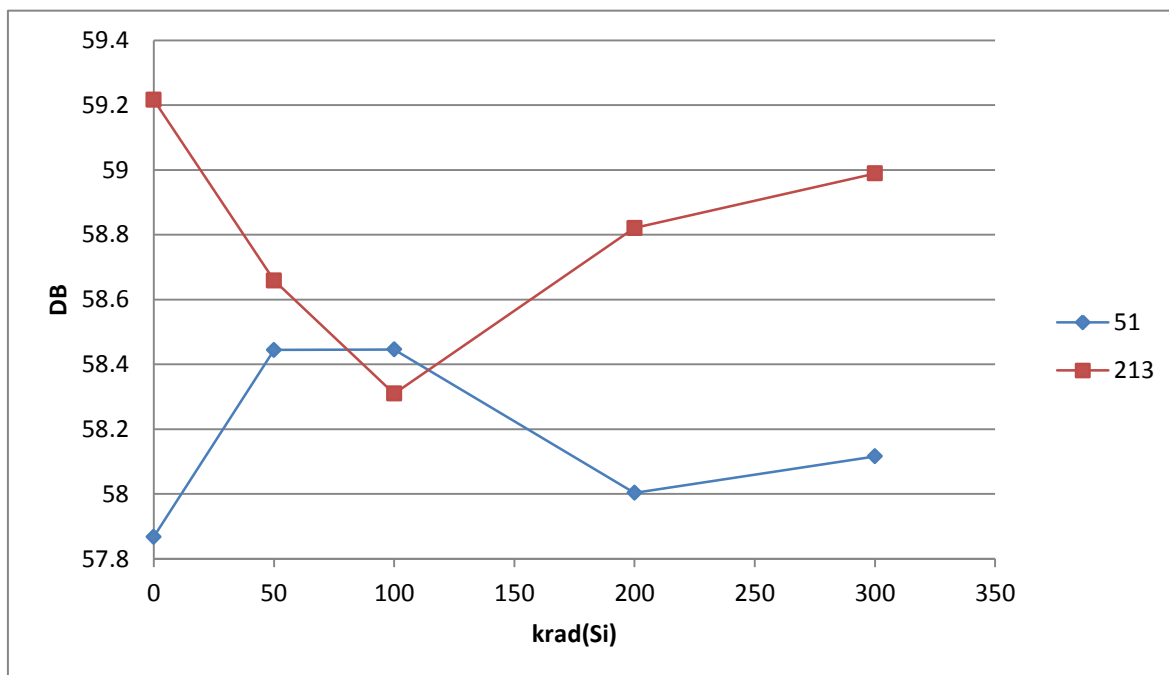


858 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min 56.5400009 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.8677597	58.4442978	58.4457588	58.0035324	58.1160736
213	59.2163086	58.6585922	58.309742	58.8203316	58.9887581
Average	58.5420341	58.551445	58.3777504	58.411932	58.5524158
MAX	59.2163086	58.6585922	58.4457588	58.8203316	58.9887581
MIN	57.8677597	58.4442978	58.309742	58.0035324	58.1160736
STD_dev	0.95356806	0.15152905	0.09617843	0.57756423	0.61708111

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.57653809	0.57799912	0.1357727	0.2483139
213		-0.5577164	-0.9065666	-0.395977	-0.2275505
Average		0.00941086	-0.1642838	-0.1301022	0.0103817
MAX		0.57653809	0.57799912	0.1357727	0.2483139
MIN		-0.5577164	-0.9065666	-0.395977	-0.2275505
STD_dev		0.80203902	1.0497465	0.37600384	0.33648695

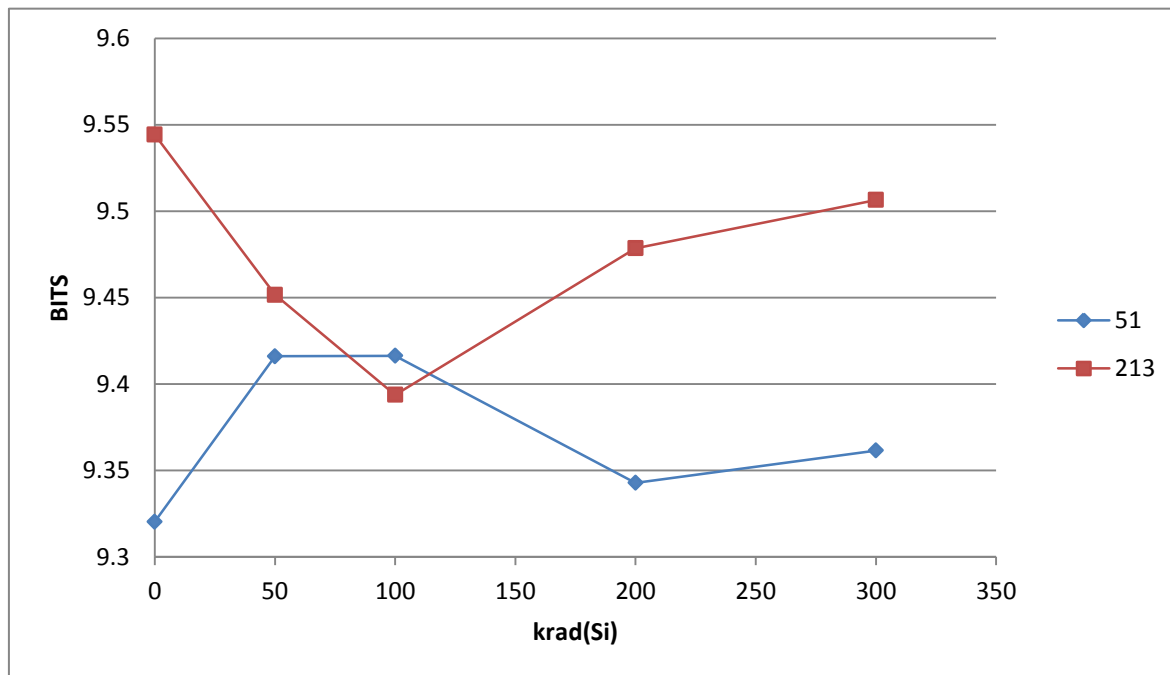


859 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDRO

Limit_Min 9.10000038 Limit_Max NA BITS

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.32022572	9.41599655	9.41623879	9.34278011	9.36147404
213	9.54423714	9.4515934	9.39364529	9.47846031	9.50643826
Average	9.43223143	9.43379498	9.40494204	9.41062021	9.43395615
MAX	9.54423714	9.4515934	9.41623879	9.47846031	9.50643826
MIN	9.32022572	9.41599655	9.39364529	9.34278011	9.36147404
STD_dev	0.15839999	0.02517077	0.01597602	0.09594039	0.10250518

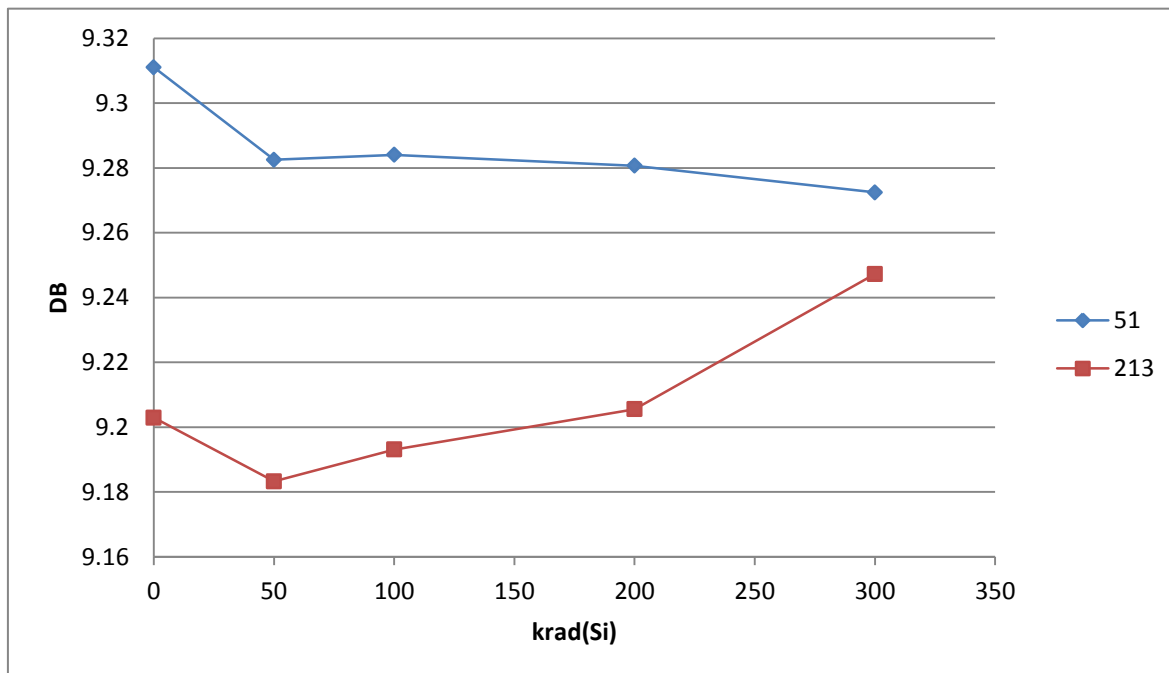
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.09577084	0.09601307	0.0225544	0.04124832
213		-0.0926437	-0.1505919	-0.0657768	-0.0377989
Average		0.00156355	-0.0272894	-0.0216112	0.00172472
MAX		0.09577084	0.09601307	0.0225544	0.04124832
MIN		-0.0926437	-0.1505919	-0.0657768	-0.0377989
STD_dev		0.13322922	0.17437601	0.06245961	0.05589481



860 AMP/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.31102562	9.28249455	9.2840395	9.28066063	9.27241421
213	9.20287991	9.18325234	9.19307232	9.2055397	9.2472496
Average	9.25695276	9.23287344	9.23855591	9.24310017	9.25983191
MAX	9.31102562	9.28249455	9.2840395	9.28066063	9.27241421
MIN	9.20287991	9.18325234	9.19307232	9.2055397	9.2472496
STD_dev	0.07647057	0.07017484	0.06432351	0.05311852	0.01779406

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0285311	-0.0269861	-0.030365	-0.0386114
213		-0.0196276	-0.0098076	0.0026598	0.0443697
Average		-0.0240793	-0.0183969	-0.0138526	0.00287914
MAX		-0.0196276	-0.0098076	0.0026598	0.0443697
MIN		-0.0285311	-0.0269861	-0.030365	-0.0386114
STD_dev		0.00629573	0.01214706	0.02335205	0.05867651



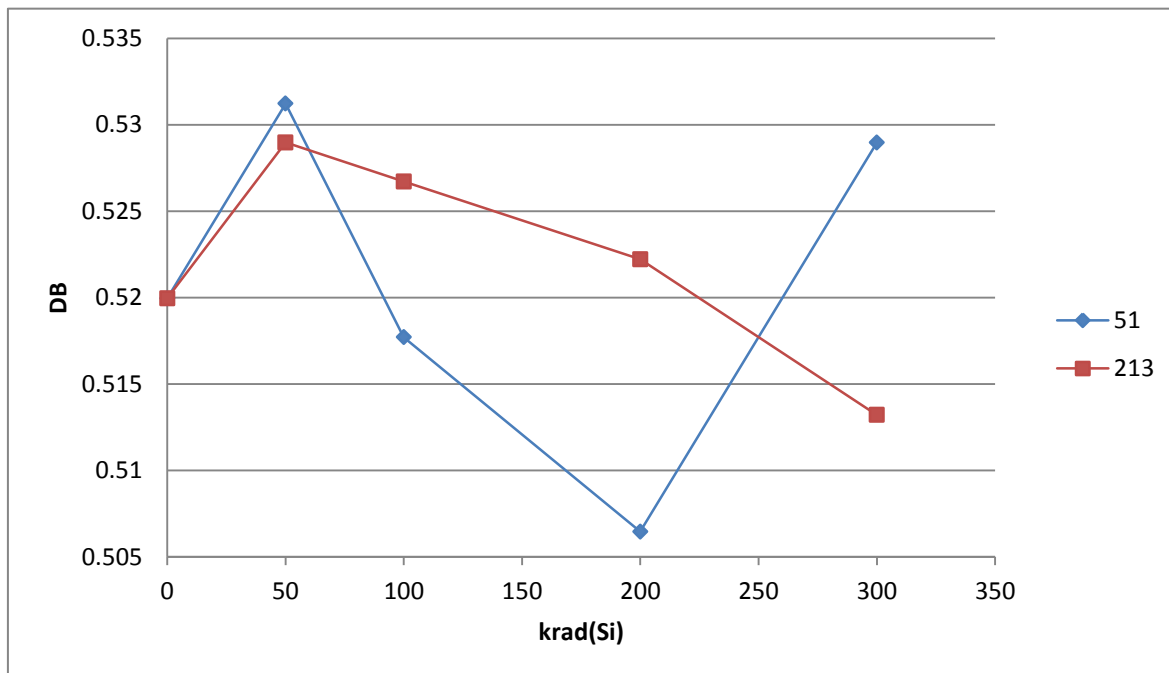


861 DBFS/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min 0.30000001 Limit_Max 0.69999999 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.5199545	0.53121877	0.51770341	0.50645661	0.52896476
213	0.5199545	0.52896476	0.52671129	0.52220619	0.51320291
Average	0.5199545	0.53009176	0.52220735	0.5143314	0.52108383
MAX	0.5199545	0.53121877	0.52671129	0.52220619	0.52896476
MIN	0.5199545	0.52896476	0.51770341	0.50645661	0.51320291
STD_dev	0	0.00159383	0.00636953	0.01113663	0.01114531

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.01126426	-0.0022511	-0.0134979	0.00901025
213		0.00901025	0.00675678	0.00225168	-0.0067516
Average		0.01013726	0.00225285	-0.0056231	0.00112933
MAX		0.01126426	0.00675678	0.00225168	0.00901025
MIN		0.00901025	-0.0022511	-0.0134979	-0.0067516
STD_dev		0.00159383	0.00636953	0.01113663	0.01114531

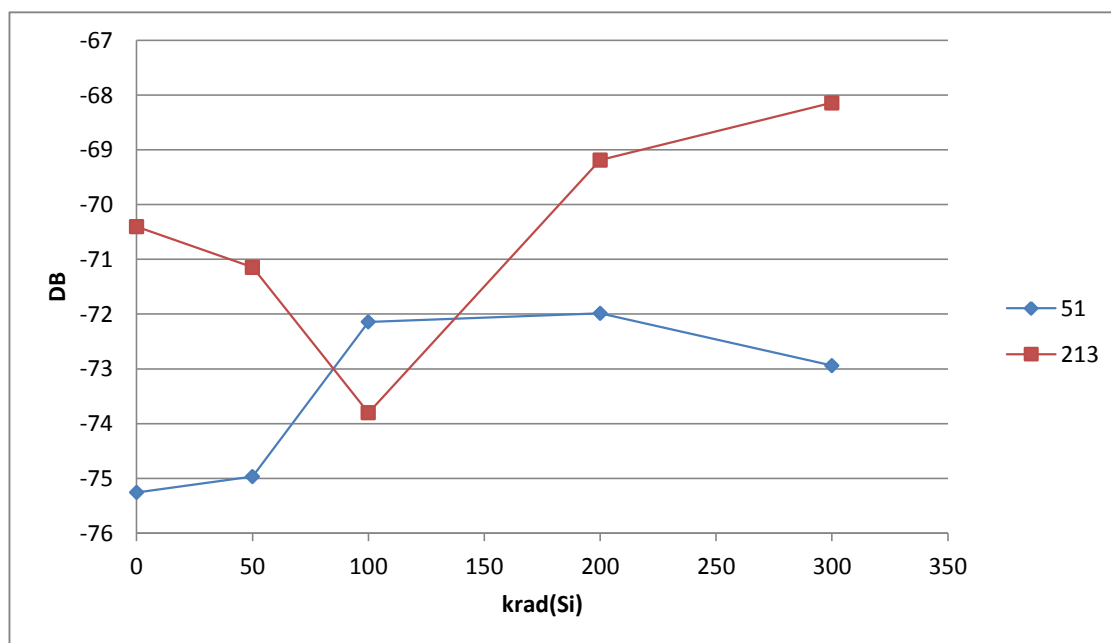


1030 2HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-75.255692	-74.965858	-72.142143	-71.984688	-72.939789
213	-70.403267	-71.144402	-73.801872	-69.188034	-68.141624
Average	-72.829479	-73.05513	-72.972008	-70.586361	-70.540707
MAX	-70.403267	-71.144402	-72.142143	-69.188034	-68.141624
MIN	-75.255692	-74.965858	-73.801872	-71.984688	-72.939789
STD_dev	3.43118235	2.70217809	1.17360563	1.97753283	3.39281456

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.28983307	3.11354828	3.27100372	2.31590271
213		-0.7411346	-3.3986053	1.21523285	2.26164246
Average		-0.2256508	-0.1425285	2.24311829	2.28877258
MAX		0.28983307	3.11354828	3.27100372	2.31590271
MIN		-0.7411346	-3.3986053	1.21523285	2.26164246
STD_dev		0.72900426	4.60478799	1.45364953	0.03836779

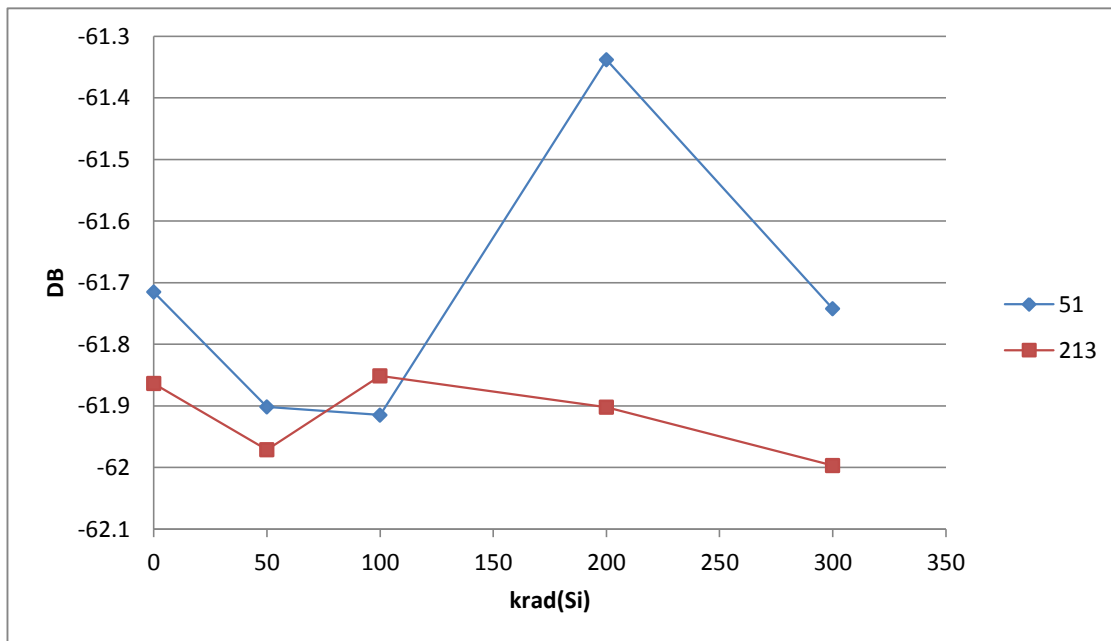


1031 3HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -54 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.715252	-61.90144	-61.914783	-61.338017	-61.742172
213	-61.863617	-61.971321	-61.850998	-61.902142	-61.996868
Average	-61.789434	-61.93638	-61.882891	-61.620079	-61.86952
MAX	-61.715252	-61.90144	-61.850998	-61.338017	-61.742172
MIN	-61.863617	-61.971321	-61.914783	-61.902142	-61.996868
STD_dev	0.10490991	0.04941364	0.0451032	0.39889666	0.18009719

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.1861877	-0.1995316	0.37723541	-0.0269203
213		-0.1077042	0.01261902	-0.0385246	-0.1332512
Average		-0.146946	-0.0934563	0.16935539	-0.0800858
MAX		-0.1077042	0.01261902	0.37723541	-0.0269203
MIN		-0.1861877	-0.1995316	-0.0385246	-0.1332512
STD_dev		0.05549627	0.15001311	0.29398674	0.07518728

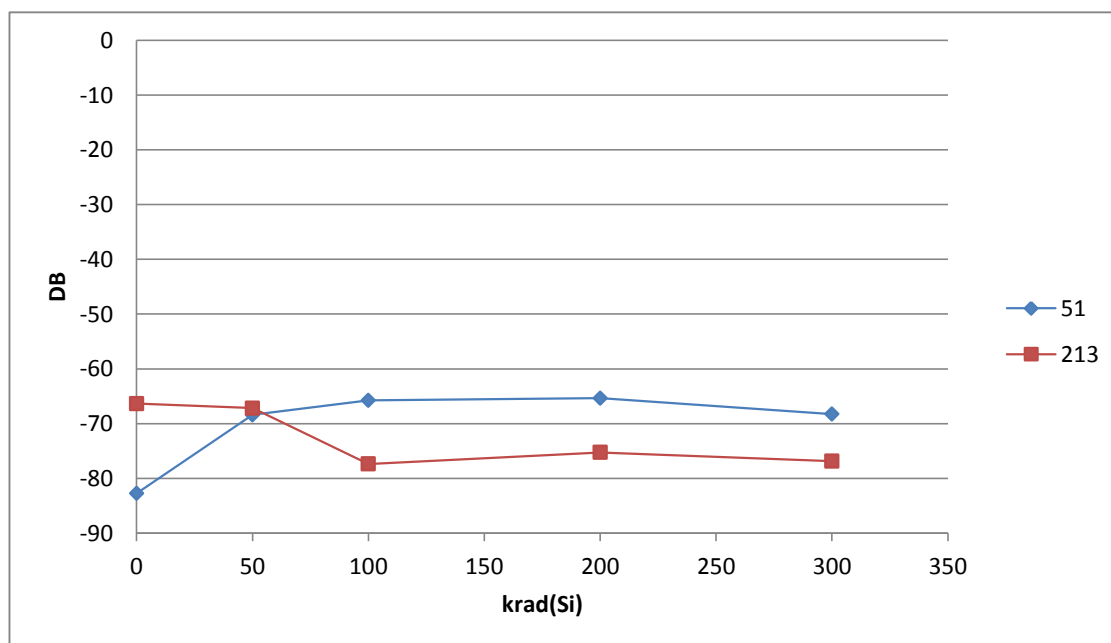


1032 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-82.749352	-68.397591	-65.749504	-65.360542	-68.247574
213	-66.346809	-67.177193	-77.355492	-75.250549	-76.842758
Average	-74.54808	-67.787392	-71.552498	-70.305546	-72.545166
MAX	-66.346809	-67.177193	-65.749504	-65.360542	-68.247574
MIN	-82.749352	-68.397591	-77.355492	-75.250549	-76.842758
STD_dev	11.5983488	0.86295167	8.2066725	6.99329103	6.07771312

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		14.3517609	16.9998474	17.3888092	14.5017776
213		-0.8303833	-11.008682	-8.9037399	-10.495949
Average		6.76068878	2.99558258	4.24253464	2.00291443
MAX		14.3517609	16.9998474	17.3888092	14.5017776
MIN		-0.8303833	-11.008682	-8.9037399	-10.495949
STD_dev		10.7353971	19.8050213	18.5916398	17.6760619

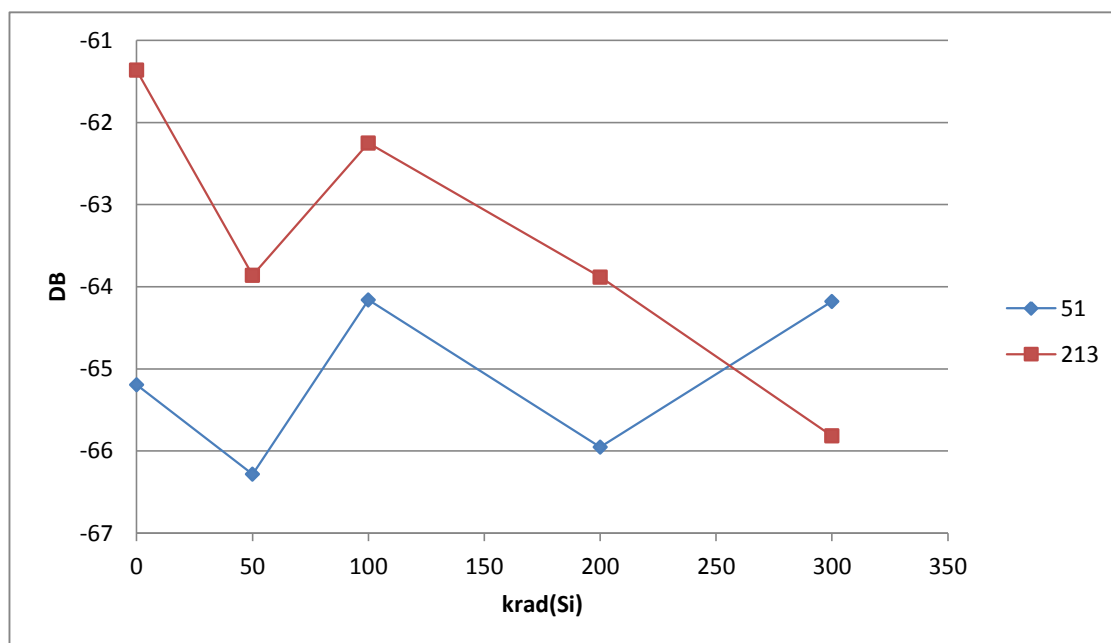


1033 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min NA Limit_Max -45 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.192711	-66.282303	-64.160545	-65.953362	-64.180046
213	-61.363197	-63.860016	-62.251148	-63.881546	-65.81424
Average	-63.277954	-65.071159	-63.205847	-64.917454	-64.997143
MAX	-61.363197	-63.860016	-62.251148	-63.881546	-64.180046
MIN	-65.192711	-66.282303	-64.160545	-65.953362	-65.81424
STD_dev	2.707875	1.71281555	1.35014766	1.46499478	1.15554925

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.089592	1.03216553	-0.7606506	1.01266479
213		-2.4968185	-0.8879509	-2.5183487	-4.4510422
Average		-1.7932053	0.07210732	-1.6394997	-1.7191887
MAX		-1.089592	1.03216553	-0.7606506	1.01266479
MIN		-2.4968185	-0.8879509	-2.5183487	-4.4510422
STD_dev		0.99505944	1.35772734	1.24288022	3.86342425

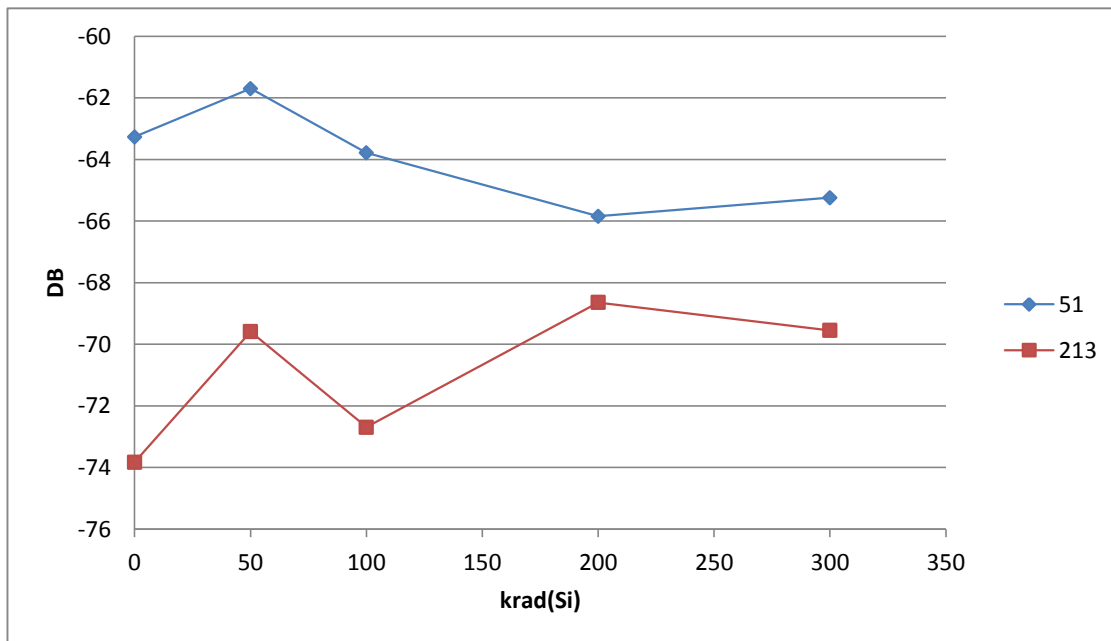


1034 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min NA Limit_Max -50 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-63.266705	-61.697422	-63.781956	-65.839844	-65.235863
213	-73.829018	-69.588295	-72.691177	-68.640717	-69.544701
Average	-68.547861	-65.642859	-68.236567	-67.24028	-67.390282
MAX	-63.266705	-61.697422	-63.781956	-65.839844	-65.235863
MIN	-73.829018	-69.588295	-72.691177	-68.640717	-69.544701
STD_dev	7.4686832	5.57968978	6.29977104	1.98051615	3.04680849

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		1.56928253	-0.5152512	-2.5731392	-1.9691582
213		4.24072266	1.13784027	5.18830109	4.28431702
Average		2.90500259	0.31129456	1.30758095	1.15757942
MAX		4.24072266	1.13784027	5.18830109	4.28431702
MIN		1.56928253	-0.5152512	-2.5731392	-1.9691582
STD_dev		1.88899343	1.16891216	5.48816705	4.42187471

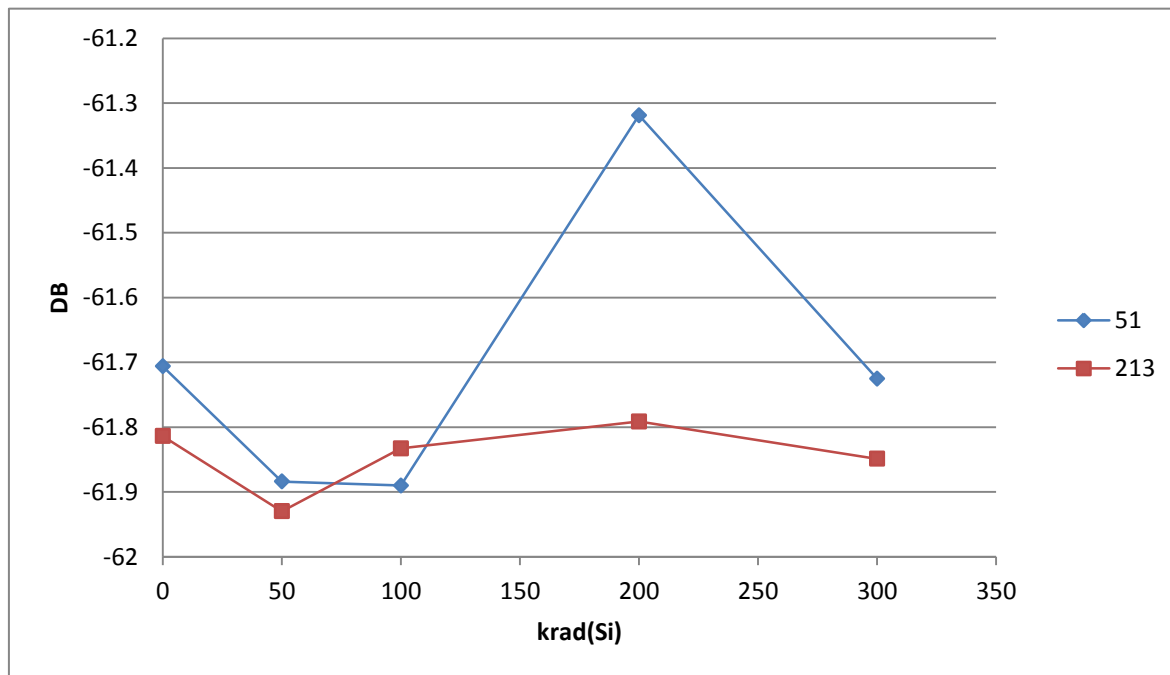


1035 THD/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -59.200001 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.706234	-61.884022	-61.890156	-61.318905	-61.725124
213	-61.813965	-61.929981	-61.83289	-61.791294	-61.848911
Average	-61.760099	-61.907001	-61.861523	-61.555099	-61.787018
MAX	-61.706234	-61.884022	-61.83289	-61.318905	-61.725124
MIN	-61.813965	-61.929981	-61.890156	-61.791294	-61.848911
STD_dev	0.07617723	0.03249826	0.04049334	0.33402962	0.08753057

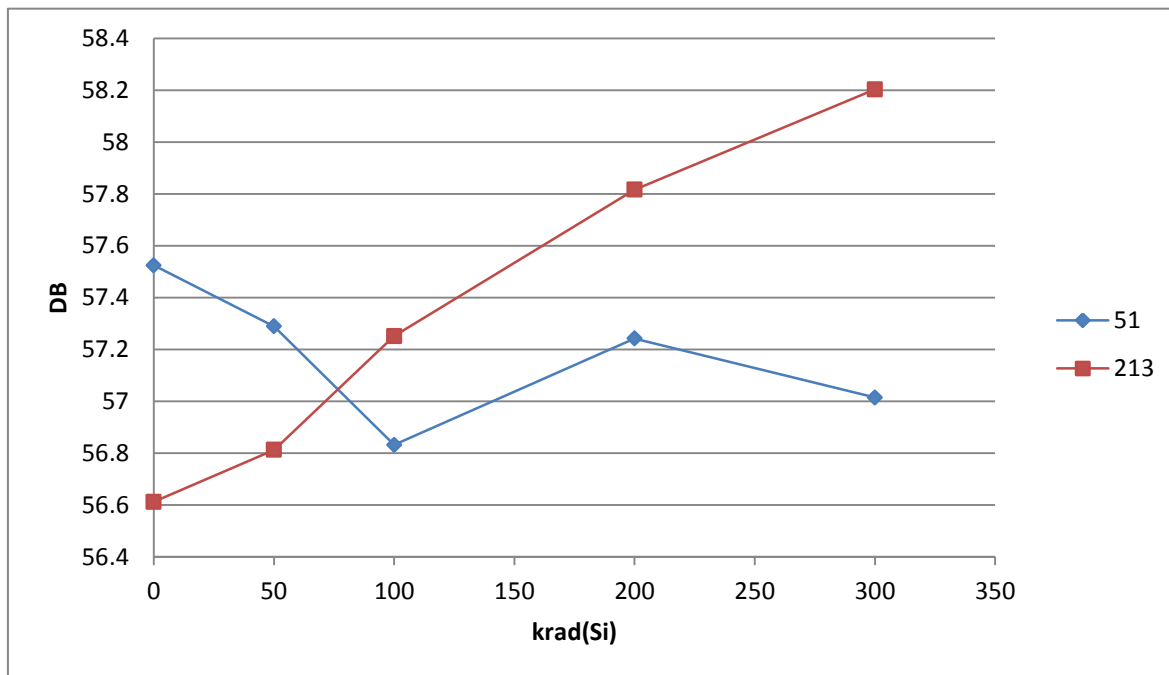
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.1777878	-0.1839218	0.3873291	-0.0188904
213		-0.1160164	-0.0189247	0.02267075	-0.0349464
Average		-0.1469021	-0.1014233	0.20499992	-0.0269184
MAX		-0.1160164	-0.0189247	0.3873291	-0.0188904
MIN		-0.1777878	-0.1839218	0.02267075	-0.0349464
STD_dev		0.04367897	0.11667057	0.2578524	0.01135335



1036 SNR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	56	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.5240784	57.2889938	56.8312645	57.2420769	57.014061
213	56.6115341	56.8122292	57.2513428	57.8155365	58.202652
Average	57.0678062	57.0506115	57.0413036	57.5288067	57.6083565
MAX	57.5240784	57.2889938	57.2513428	57.8155365	58.202652
MIN	56.6115341	56.8122292	56.8312645	57.2420769	57.014061
STD_dev	0.64526623	0.33712354	0.2970402	0.40549719	0.84046076

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.2350845	-0.6928139	-0.2820015	-0.5100174
213		0.20069504	0.63980865	1.20400238	1.59111786
Average		-0.0171947	-0.0265026	0.46100044	0.54055023
MAX		0.20069504	0.63980865	1.20400238	1.59111786
MIN		-0.2350845	-0.6928139	-0.2820015	-0.5100174
STD_dev		0.30814269	0.94230643	1.05076342	1.48572699

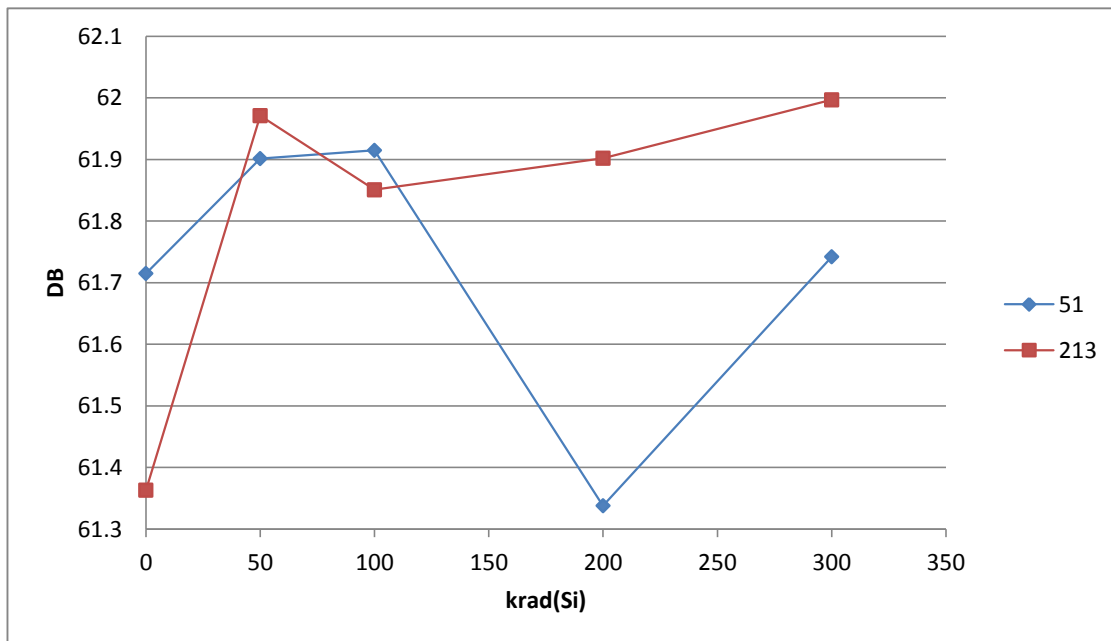


1037 SFDR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min 58.9000015 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.7152519	61.9014397	61.9147835	61.3380165	61.7421722
213	61.3631973	61.9713211	61.8509979	61.9021416	61.9968681
Average	61.5392246	61.9363804	61.8828907	61.620079	61.8695202
MAX	61.7152519	61.9713211	61.9147835	61.9021416	61.9968681
MIN	61.3631973	61.9014397	61.8509979	61.3380165	61.7421722
STD_dev	0.24894019	0.04941364	0.0451032	0.39889666	0.18009719

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.18618774	0.19953156	-0.3772354	0.02692032
213		0.60812378	0.4878006	0.53894424	0.63367081
Average		0.39715576	0.34366608	0.08085442	0.33029556
MAX		0.60812378	0.4878006	0.53894424	0.63367081
MIN		0.18618774	0.19953156	-0.3772354	0.02692032
STD_dev		0.29835383	0.203837	0.64783685	0.42903739

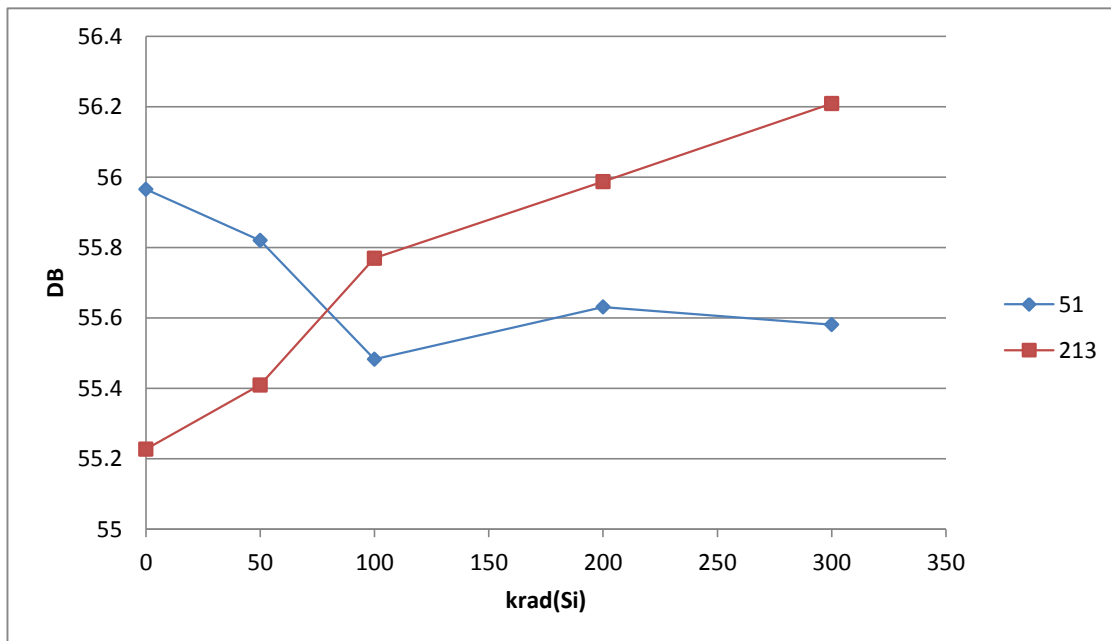


1038 SINAD2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min 54.7400017 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.9654999	55.8203239	55.482708	55.6310577	55.5811691
213	55.2269859	55.409462	55.7695236	55.9871254	56.2090073
Average	55.5962429	55.614893	55.6261158	55.8090916	55.8950882
MAX	55.9654999	55.8203239	55.7695236	55.9871254	56.2090073
MIN	55.2269859	55.409462	55.482708	55.6310577	55.5811691
STD_dev	0.52220822	0.29052328	0.20280929	0.25177786	0.4439486

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.1451759	-0.4827919	-0.3344421	-0.3843308
213		0.18247604	0.54253769	0.76013947	0.98202133
Average		0.01865005	0.02987289	0.21284866	0.29884529
MAX		0.18247604	0.54253769	0.76013947	0.98202133
MIN		-0.1451759	-0.4827919	-0.3344421	-0.3843308
STD_dev		0.23168494	0.72501751	0.77398608	0.96615682

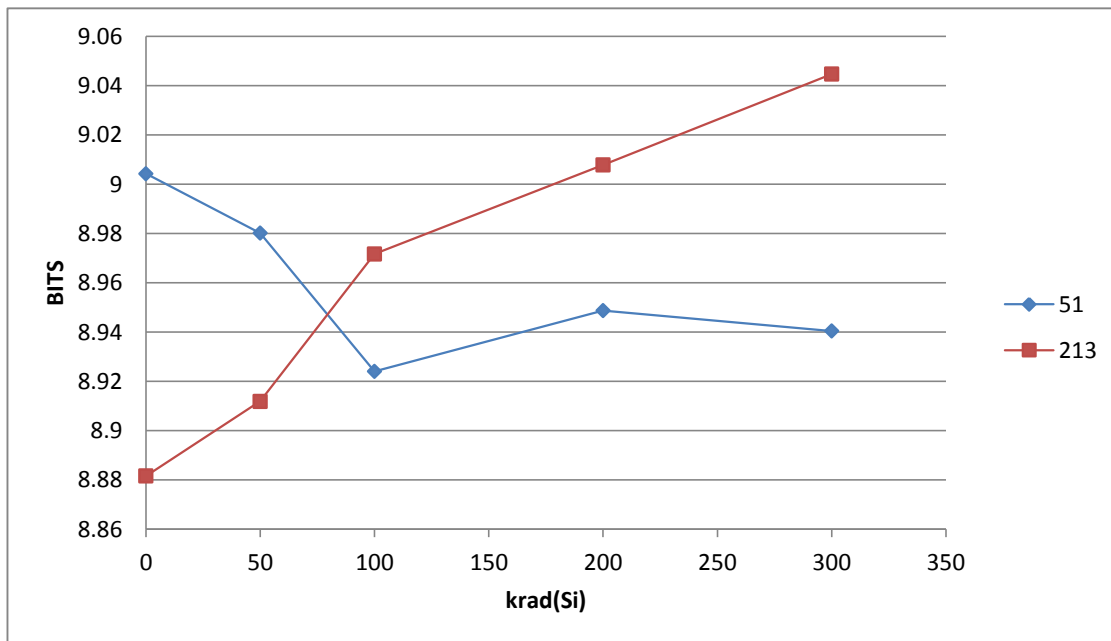


1039 ENOB2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min 8.80000019 Limit_Max NA BITS

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.00423622	8.98011971	8.92403793	8.94868088	8.94039345
213	8.88155937	8.91187096	8.9716816	9.00782776	9.04468536
Average	8.9428978	8.94599533	8.94785976	8.97825432	8.99253941
MAX	9.00423622	8.98011971	8.9716816	9.00782776	9.04468536
MIN	8.88155937	8.91187096	8.92403793	8.94868088	8.94039345
STD_dev	0.08674563	0.04825915	0.03368916	0.04182316	0.07374552

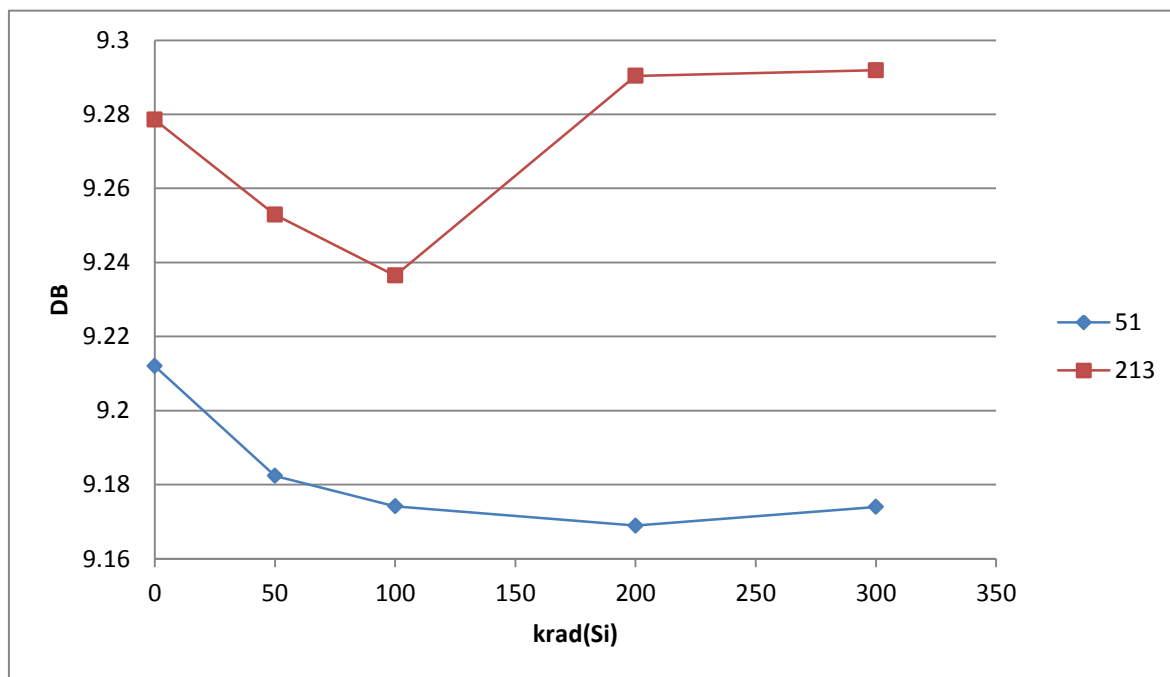
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0241165	-0.0801983	-0.0555553	-0.0638428
213		0.03031158	0.09012222	0.12626839	0.16312599
Average		0.00309753	0.00496197	0.03535652	0.04964161
MAX		0.03031158	0.09012222	0.12626839	0.16312599
MIN		-0.0241165	-0.0801983	-0.0555553	-0.0638428
STD_dev		0.03848648	0.12043479	0.12856879	0.16049115



1040 AMP/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.21199513	9.18236733	9.17418289	9.16894531	9.17400742
213	9.27854252	9.25286675	9.2364521	9.29038429	9.2919035
Average	9.24526882	9.21761704	9.2053175	9.2296648	9.23295546
MAX	9.27854252	9.25286675	9.2364521	9.29038429	9.2919035
MIN	9.21199513	9.18236733	9.17418289	9.16894531	9.17400742
STD_dev	0.04705611	0.04985062	0.04403098	0.08587033	0.08336512

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0296278	-0.0378122	-0.0430498	-0.0379877
213		-0.0256758	-0.0420904	0.01184177	0.01336098
Average		-0.0276518	-0.0399513	-0.015604	-0.0123134
MAX		-0.0256758	-0.0378122	0.01184177	0.01336098
MIN		-0.0296278	-0.0420904	-0.0430498	-0.0379877
STD_dev		0.0027945	0.00302513	0.03881421	0.036309

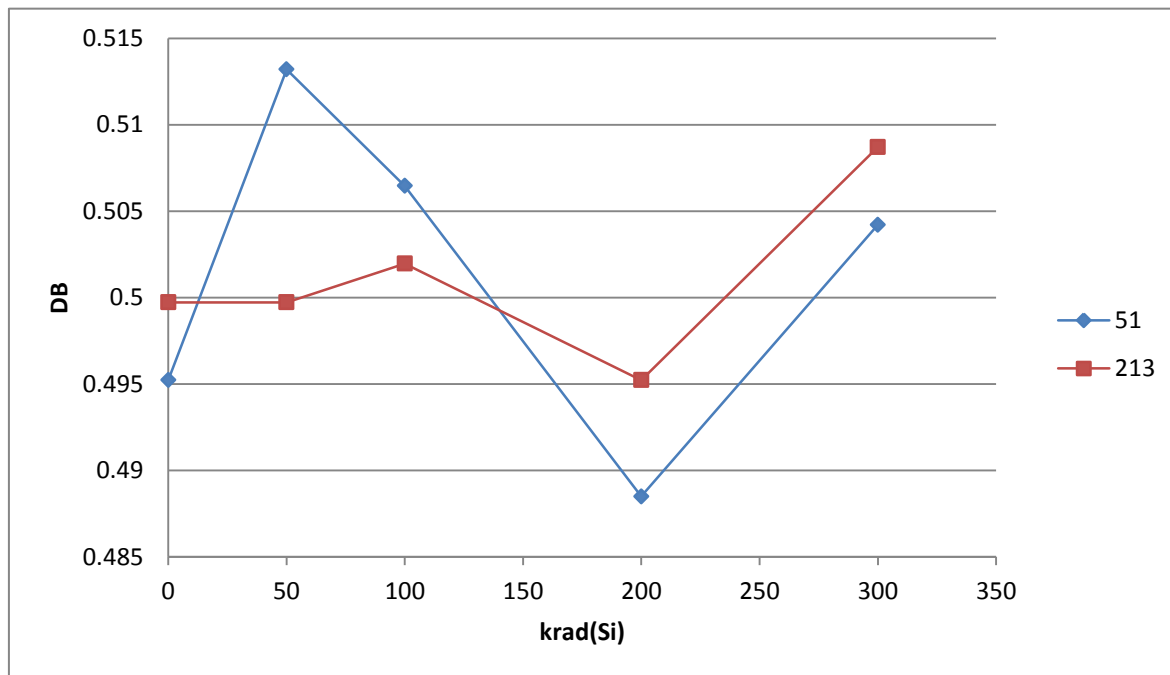


1041 DBFS/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min 0.30000001 Limit_Max 0.69999999 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.49522436	0.51320291	0.50645661	0.48849198	0.50420898
213	0.49971551	0.49971551	0.50196195	0.49522436	0.50870478
Average	0.49746993	0.50645921	0.50420928	0.49185817	0.50645688
MAX	0.49971551	0.51320291	0.50645661	0.49522436	0.50870478
MIN	0.49522436	0.49971551	0.50196195	0.48849198	0.50420898
STD_dev	0.00317572	0.00953703	0.00317821	0.00476051	0.00317901

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.01797855	0.01123226	-0.0067324	0.00898462
213		0	0.00224644	-0.0044912	0.00898928
Average		0.00898927	0.00673935	-0.0056118	0.00898695
MAX		0.01797855	0.01123226	-0.0044912	0.00898928
MIN		0	0.00224644	-0.0067324	0.00898462
STD_dev		0.01271275	0.00635393	0.00158479	3.288E-06

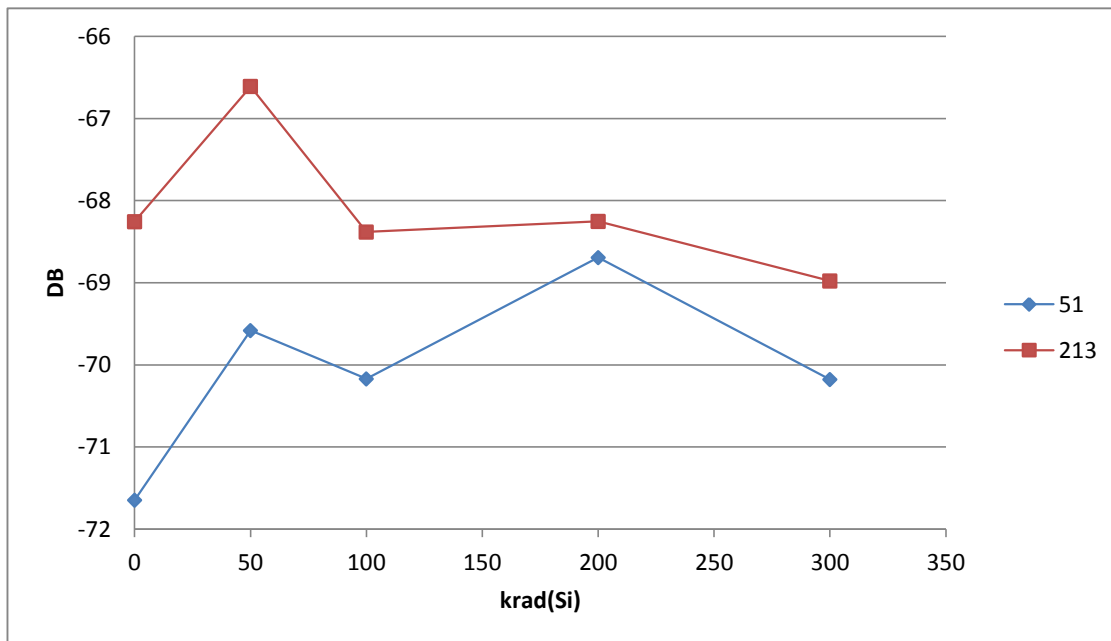


1050 2HARM/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.649551	-69.582123	-70.170074	-68.694031	-70.17778
213	-68.257004	-66.611397	-68.382561	-68.252518	-68.978691
Average	-69.953278	-68.09676	-69.276318	-68.473274	-69.578236
MAX	-68.257004	-66.611397	-68.382561	-68.252518	-68.978691
MIN	-71.649551	-69.582123	-70.170074	-68.694031	-70.17778
STD_dev	2.39889342	2.10062051	1.26396308	0.31219688	0.847884

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		2.06742859	1.47947693	2.95552063	1.47177124
213		1.64560699	-0.1255569	0.00448608	-0.7216873
Average		1.85651779	0.67695999	1.48000336	0.37504196
MAX		2.06742859	1.47947693	2.95552063	1.47177124
MIN		1.64560699	-0.1255569	0.00448608	-0.7216873
STD_dev		0.29827291	1.13493034	2.08669654	1.55100942

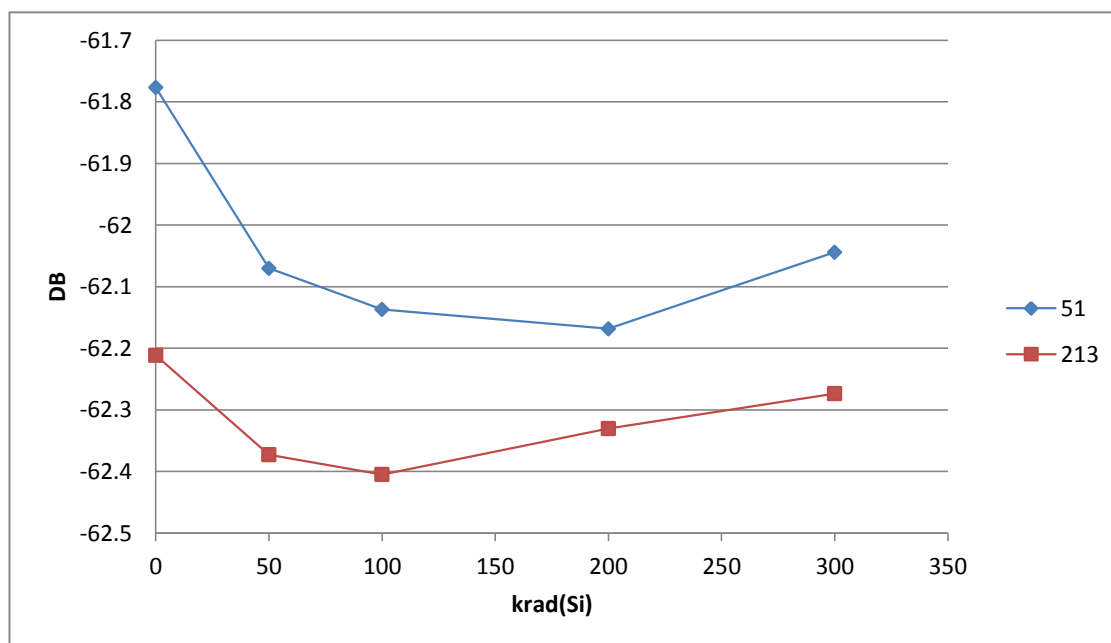


1051 3HARM/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -54 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.776592	-62.070107	-62.136902	-62.16827	-62.044102
213	-62.211044	-62.372807	-62.404865	-62.330112	-62.273468
Average	-61.993818	-62.221457	-62.270884	-62.249191	-62.158785
MAX	-61.776592	-62.070107	-62.136902	-62.16827	-62.044102
MIN	-62.211044	-62.372807	-62.404865	-62.330112	-62.273468
STD_dev	0.307204	0.21404125	0.18947874	0.11443982	0.16218647

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.2935143	-0.3603096	-0.3916779	-0.2675095
213		-0.1617622	-0.193821	-0.1190681	-0.0624237
Average		-0.2276382	-0.2770653	-0.255373	-0.1649666
MAX		-0.1617622	-0.193821	-0.1190681	-0.0624237
MIN		-0.2935143	-0.3603096	-0.3916779	-0.2675095
STD_dev		0.09316274	0.11772525	0.19276418	0.14501753

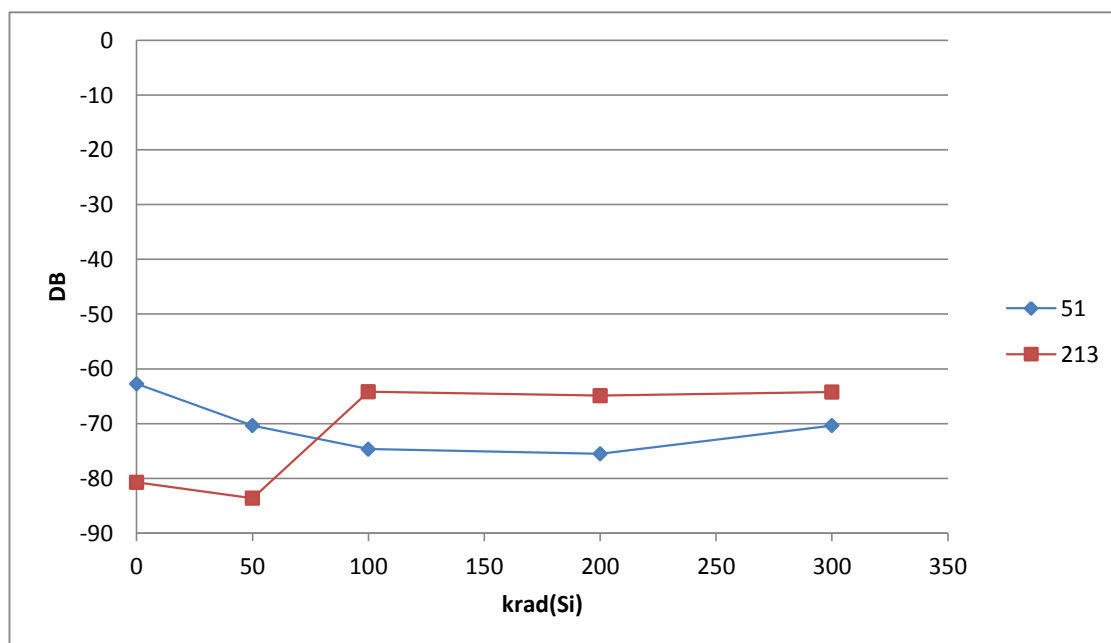


1052 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min NA Limit_Max -55 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.714867	-70.368736	-74.656898	-75.507095	-70.344185
213	-80.711456	-83.614792	-64.182373	-64.876457	-64.210281
Average	-71.713161	-76.991764	-69.419636	-70.191776	-67.277233
MAX	-62.714867	-70.368736	-64.182373	-64.876457	-64.210281
MIN	-80.711456	-83.614792	-74.656898	-75.507095	-70.344185
STD_dev	12.7255106	9.36637574	7.40660798	7.51699631	4.33732476

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-7.6538696	-11.942032	-12.792229	-7.6293182
213		-2.9033356	16.5290833	15.8349991	16.5011749
Average		-5.2786026	2.2935257	1.52138519	4.43592835
MAX		-2.9033356	16.5290833	15.8349991	16.5011749
MIN		-7.6538696	-11.942032	-12.792229	-7.6293182
STD_dev		3.35913485	20.1321186	20.2425069	17.0628353

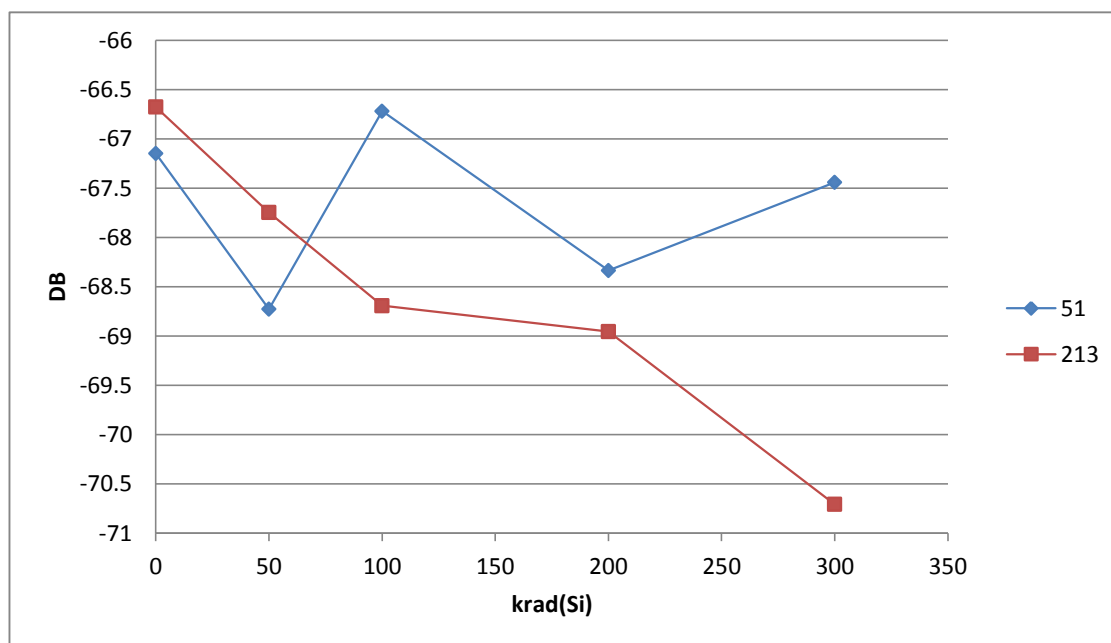


1053 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min NA Limit_Max -45 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.146667	-68.727203	-66.718246	-68.333275	-67.441826
213	-66.67646	-67.746155	-68.693069	-68.954422	-70.707176
Average	-66.911564	-68.236679	-67.705658	-68.643848	-69.074501
MAX	-66.67646	-67.746155	-66.718246	-68.333275	-67.441826
MIN	-67.146667	-68.727203	-68.693069	-68.954422	-70.707176
STD_dev	0.33248671	0.69370611	1.39641073	0.43921737	2.30895137

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.5805359	0.42842102	-1.1866074	-0.2951584
213		-1.0696945	-2.0166092	-2.2779617	-4.0307159
Average		-1.3251152	-0.7940941	-1.7322845	-2.1629372
MAX		-1.0696945	0.42842102	-1.1866074	-0.2951584
MIN		-1.5805359	-2.0166092	-2.2779617	-4.0307159
STD_dev		0.3612194	1.72889744	0.77170408	2.64143808

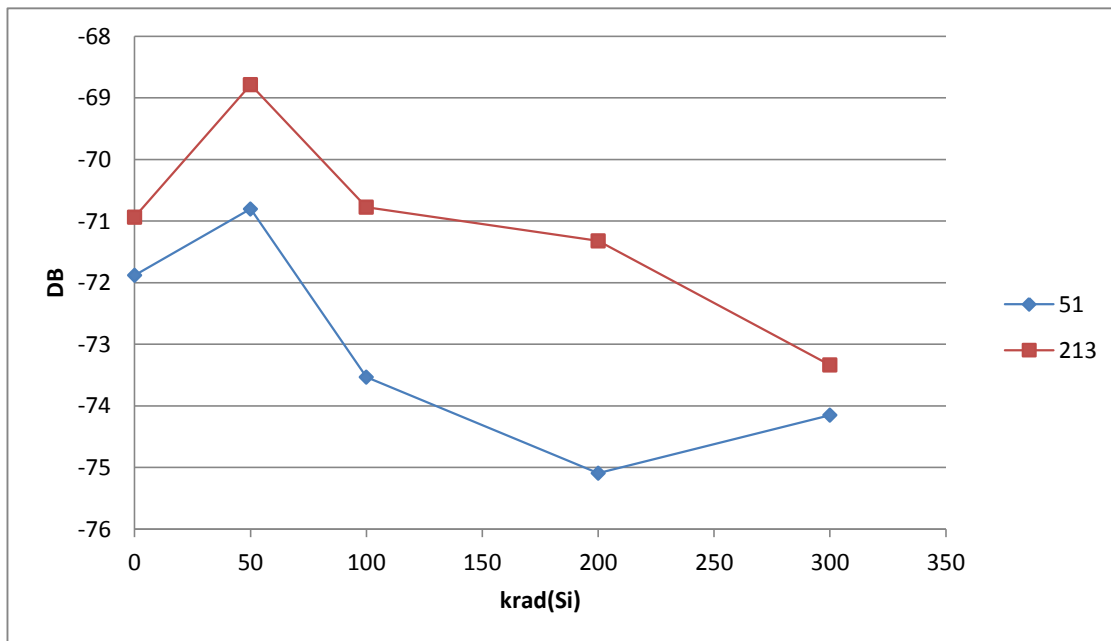


1054 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min NA Limit_Max -50 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.878601	-70.801796	-73.532532	-75.090393	-74.150505
213	-70.934792	-68.7827	-70.774132	-71.321915	-73.333397
Average	-71.406696	-69.792248	-72.153332	-73.206154	-73.741951
MAX	-70.934792	-68.7827	-70.774132	-71.321915	-73.333397
MIN	-71.878601	-70.801796	-73.532532	-75.090393	-74.150505
STD_dev	0.6673741	1.42771674	1.95048332	2.66471663	0.57778272

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		1.07680512	-1.6539307	-3.211792	-2.271904
213		2.15209198	0.16065979	-0.3871231	-2.3986053
Average		1.61444855	-0.7466354	-1.7994576	-2.3352547
MAX		2.15209198	0.16065979	-0.3871231	-2.271904
MIN		1.07680512	-1.6539307	-3.211792	-2.3986053
STD_dev		0.76034263	1.28310922	1.99734252	0.08959139

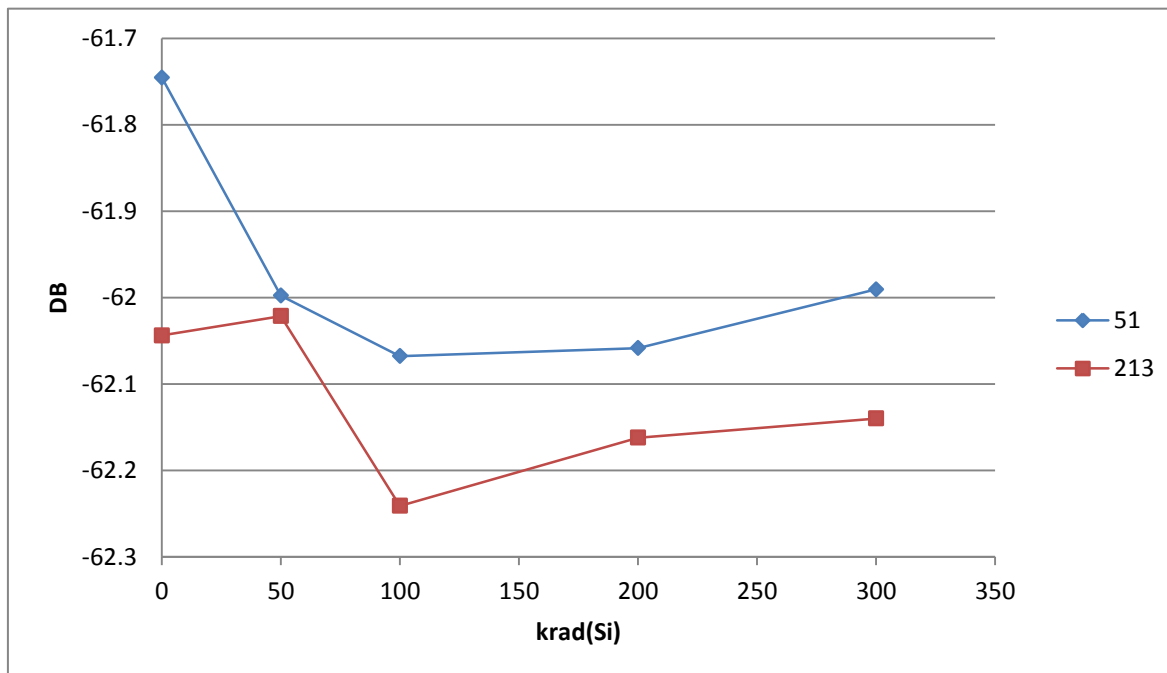


1055 THD/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min NA Limit_Max -59.200001 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.745522	-61.997871	-62.067905	-62.058655	-61.990585
213	-62.043907	-62.021591	-62.241161	-62.162193	-62.139977
Average	-61.894714	-62.009731	-62.154533	-62.110424	-62.065281
MAX	-61.745522	-61.997871	-62.067905	-62.058655	-61.990585
MIN	-62.043907	-62.021591	-62.241161	-62.162193	-62.139977
STD_dev	0.2109905	0.01677242	0.12251044	0.07321278	0.10563551

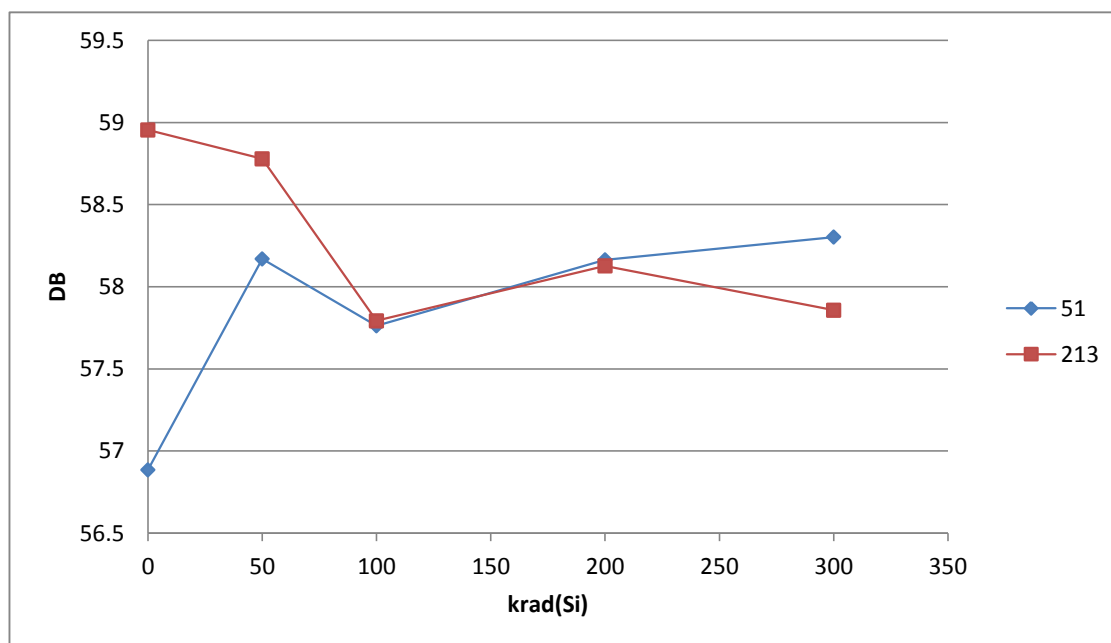
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.2523499	-0.3223839	-0.3131332	-0.2450638
213		0.02231598	-0.1972542	-0.1182861	-0.0960693
Average		-0.1150169	-0.259819	-0.2157097	-0.1705666
MAX		0.02231598	-0.1972542	-0.1182861	-0.0960693
MIN		-0.2523499	-0.3223839	-0.3131332	-0.2450638
STD_dev		0.19421807	0.08848006	0.13777771	0.10535498



1056 SNR2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	56	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	56.8847961	58.1702232	57.7619858	58.1643524	58.3024216
213	58.9549026	58.7786675	57.7928123	58.1261063	57.8567581
Average	57.9198494	58.4744453	57.7773991	58.1452293	58.0795898
MAX	58.9549026	58.7786675	57.7928123	58.1643524	58.3024216
MIN	56.8847961	58.1702232	57.7619858	58.1261063	57.8567581
STD_dev	1.46378635	0.43023503	0.02179768	0.02704412	0.31513165

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		1.28542709	0.87718964	1.27955627	1.41762543
213		-0.1762352	-1.1620903	-0.8287964	-1.0981445
Average		0.55459595	-0.1424503	0.22537994	0.15974045
MAX		1.28542709	0.87718964	1.27955627	1.41762543
MIN		-0.1762352	-1.1620903	-0.8287964	-1.0981445
STD_dev		1.03355132	1.44198867	1.49083046	1.778918

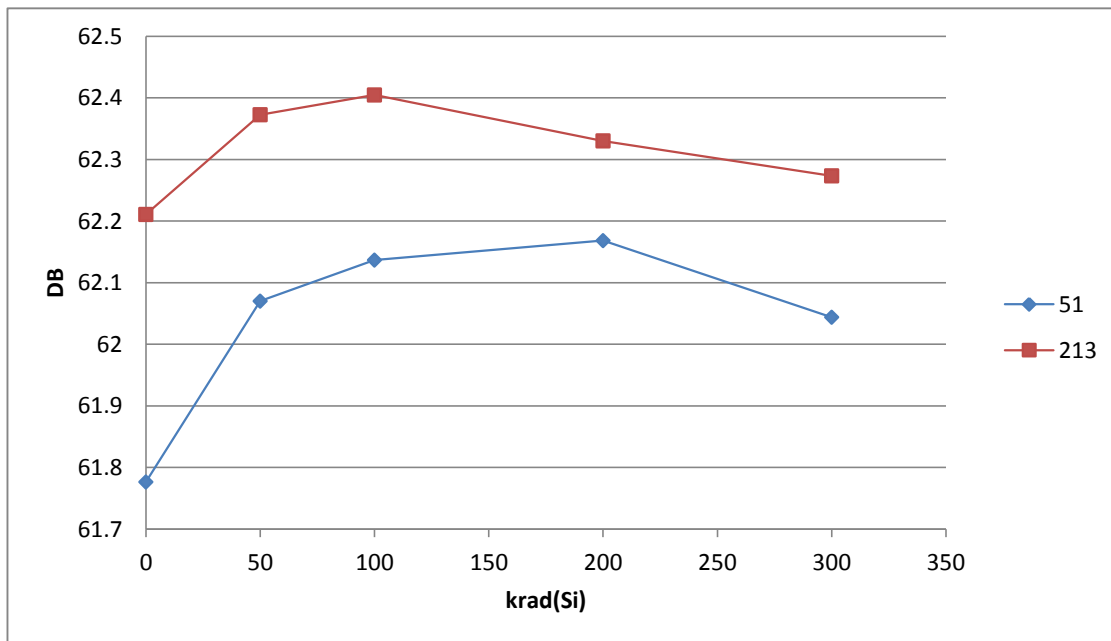


1057 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min 58.9000015 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.7765923	62.0701065	62.1369019	62.1682701	62.0441017
213	62.2110443	62.3728065	62.4048653	62.3301125	62.273468
Average	61.9938183	62.2214565	62.2708836	62.2491913	62.1587849
MAX	62.2110443	62.3728065	62.4048653	62.3301125	62.273468
MIN	61.7765923	62.0701065	62.1369019	62.1682701	62.0441017
STD_dev	0.307204	0.21404125	0.18947874	0.11443982	0.16218647

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.29351425	0.3603096	0.39167786	0.26750946
213		0.16176224	0.19382095	0.11906815	0.06242371
Average		0.22763824	0.27706528	0.255373	0.16496658
MAX		0.29351425	0.3603096	0.39167786	0.26750946
MIN		0.16176224	0.19382095	0.11906815	0.06242371
STD_dev		0.09316274	0.11772525	0.19276418	0.14501753

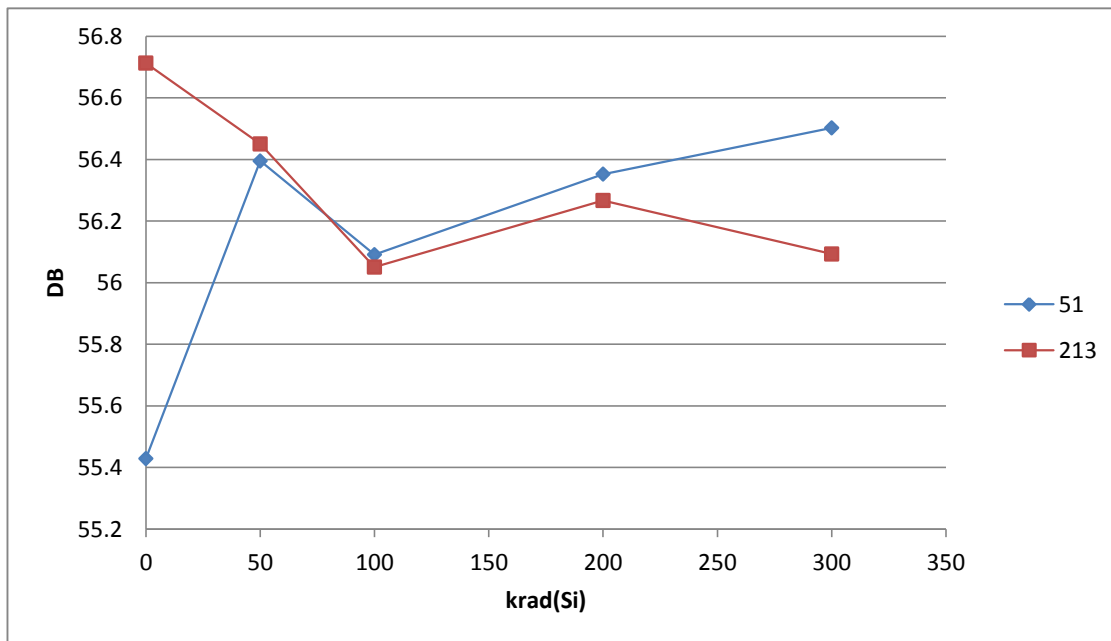


1058 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min 54.7400017 Limit_Max NA DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.429451	56.3956413	56.0914307	56.3525124	56.5024986
213	56.7130051	56.4503403	56.0506248	56.2673988	56.09375
Average	56.071228	56.4229908	56.0710278	56.3099556	56.2981243
MAX	56.7130051	56.4503403	56.0914307	56.3525124	56.5024986
MIN	55.429451	56.3956413	56.0506248	56.2673988	56.09375
STD_dev	0.90760979	0.03867799	0.02885407	0.06018435	0.28902893

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.96619034	0.66197968	0.92306137	1.07304764
213		-0.2626648	-0.6623802	-0.4456062	-0.6192551
Average		0.35176277	-0.0002003	0.23872757	0.22689629
MAX		0.96619034	0.66197968	0.92306137	1.07304764
MIN		-0.2626648	-0.6623802	-0.4456062	-0.6192551
STD_dev		0.8689318	0.93646386	0.96779414	1.19663872

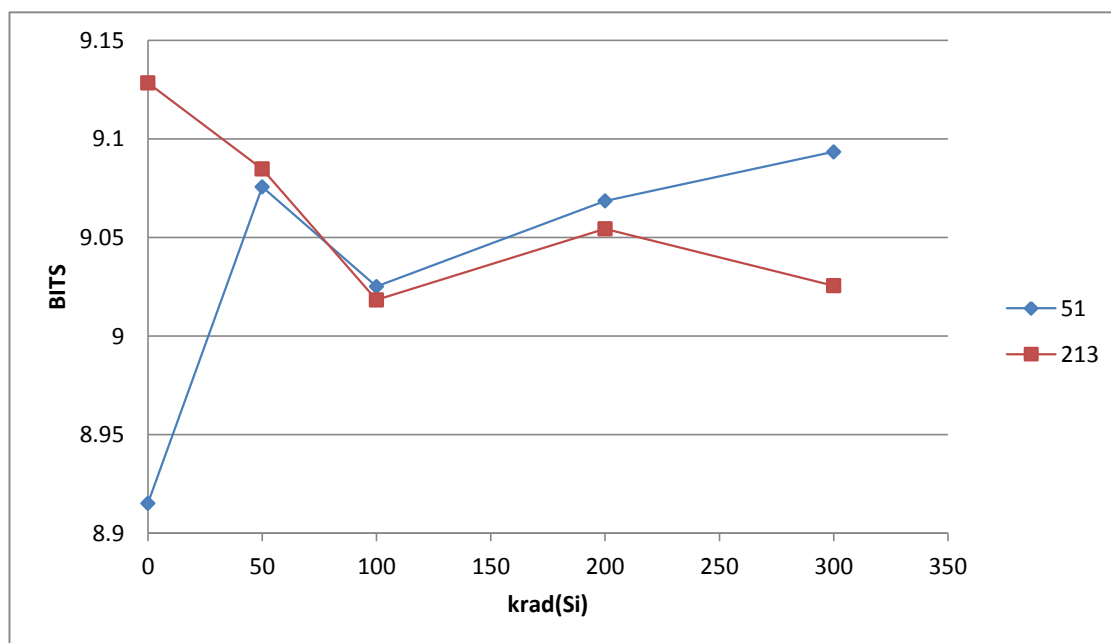


1059 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min 8.80000019 Limit_Max NA BITS

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.9151907	9.07568741	9.02515411	9.06852341	9.09343815
213	9.12840653	9.08477402	9.01837635	9.05438519	9.02554035
Average	9.02179861	9.08023071	9.02176523	9.0614543	9.05948925
MAX	9.12840653	9.08477402	9.02515411	9.06852341	9.09343815
MIN	8.9151907	9.07568741	9.01837635	9.05438519	9.02554035
STD_dev	0.15076636	0.0064252	0.0047926	0.00999723	0.04801099

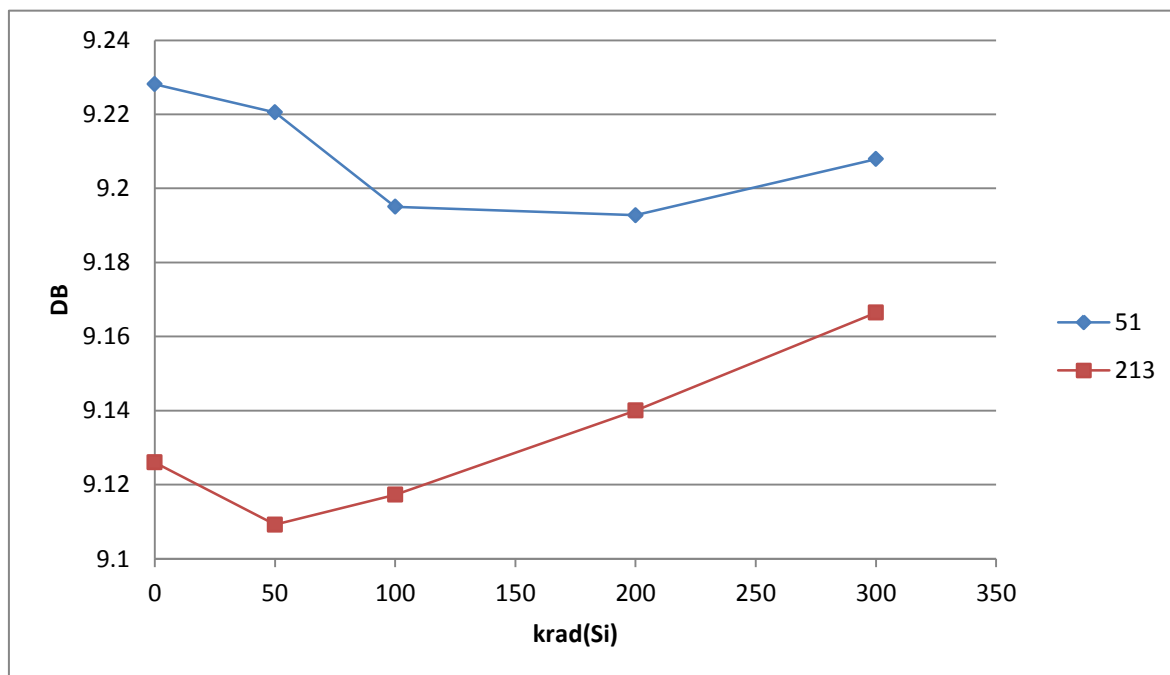
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.16049671	0.10996342	0.15333271	0.17824745
213		-0.0436325	-0.1100302	-0.0740213	-0.1028662
Average		0.0584321	-3.338E-05	0.03965569	0.03769064
MAX		0.16049671	0.10996342	0.15333271	0.17824745
MIN		-0.0436325	-0.1100302	-0.0740213	-0.1028662
STD_dev		0.14434116	0.15555896	0.16076359	0.19877735



1060 AMP/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.22814179	9.22054577	9.19504929	9.1927681	9.20790768
213	9.12599182	9.10920239	9.11729717	9.14000988	9.16644001
Average	9.1770668	9.16487408	9.15617323	9.16638899	9.18717384
MAX	9.22814179	9.22054577	9.19504929	9.1927681	9.20790768
MIN	9.12599182	9.10920239	9.11729717	9.14000988	9.16644001
STD_dev	0.07223093	0.07873166	0.05497905	0.03730569	0.02932207

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.007596	-0.0330925	-0.0353737	-0.0202341
213		-0.0167894	-0.0086946	0.01401806	0.04044819
Average		-0.0121927	-0.0208936	-0.0106778	0.01010704
MAX		-0.007596	-0.0086946	0.01401806	0.04044819
MIN		-0.0167894	-0.0330925	-0.0353737	-0.0202341
STD_dev		0.00650073	0.01725189	0.03492524	0.04290886

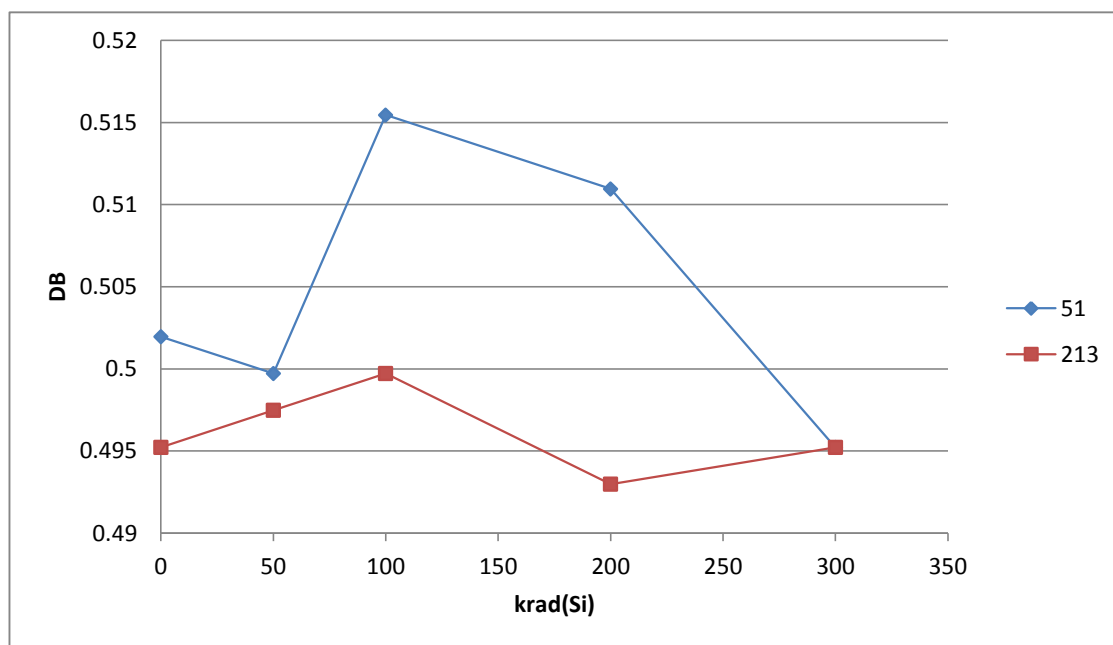


1061 DBFS/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min 0.30000001 Limit_Max 0.69999999 DB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.50196195	0.49971551	0.51545286	0.51095355	0.49522436
213	0.49522436	0.49746966	0.49971551	0.49297965	0.49522436
Average	0.49859315	0.49859259	0.50758418	0.5019666	0.49522436
MAX	0.50196195	0.49971551	0.51545286	0.51095355	0.49522436
MIN	0.49522436	0.49746966	0.49971551	0.49297965	0.49522436
STD_dev	0.00476419	0.00158805	0.01112799	0.01270947	0

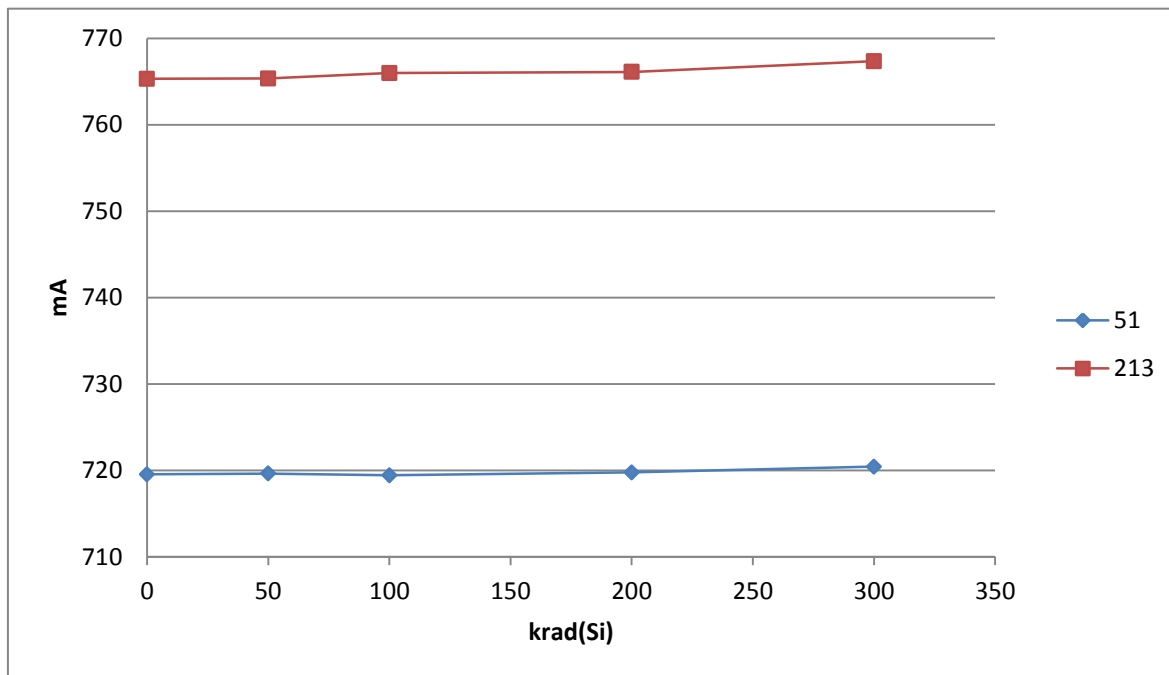
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0022464	0.01349092	0.0089916	-0.0067376
213		0.00224531	0.00449115	-0.0022447	0
Average		-5.66E-07	0.00899103	0.00337344	-0.0033688
MAX		0.00224531	0.01349092	0.0089916	0
MIN		-0.0022464	0.00449115	-0.0022447	-0.0067376
STD_dev		0.00317614	0.0063638	0.00794527	0.00476419



1450 IA/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	719.537231	719.625793	719.423401	719.752197	720.422302
213	765.297668	765.348267	765.980469	766.094238	767.346069
Average	742.41745	742.48703	742.701935	742.923218	743.884186
MAX	765.297668	765.348267	765.980469	766.094238	767.346069
MIN	719.537231	719.625793	719.423401	719.752197	720.422302
STD_dev	32.3575153	32.3306708	32.9208184	32.7687715	33.1801139

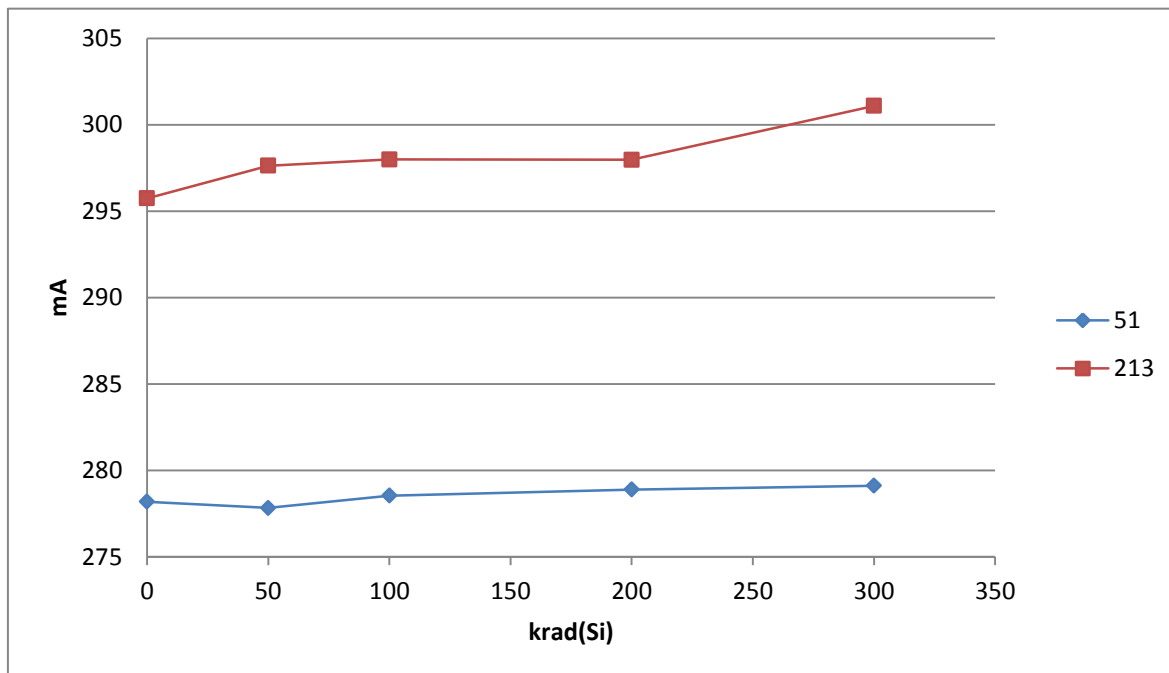
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.08856201	-0.1138306	0.21496582	0.8850708
213		0.05059814	0.68280029	0.79656982	2.04840088
Average		0.06958008	0.28448486	0.50576782	1.46673584
MAX		0.08856201	0.68280029	0.79656982	2.04840088
MIN		0.05059814	-0.1138306	0.21496582	0.8850708
STD_dev		0.02684451	0.56330308	0.41125613	0.82259859



1451 IDR/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	278.182373	277.823029	278.536713	278.890991	279.113708
213	295.740631	297.623474	297.990448	297.972748	301.085541
Average	286.961502	287.723251	288.26358	288.43187	290.099625
MAX	295.740631	297.623474	297.990448	297.972748	301.085541
MIN	278.182373	277.823029	278.536713	278.890991	279.113708
STD_dev	12.4155633	14.0010293	13.7558682	13.4928395	15.5364316

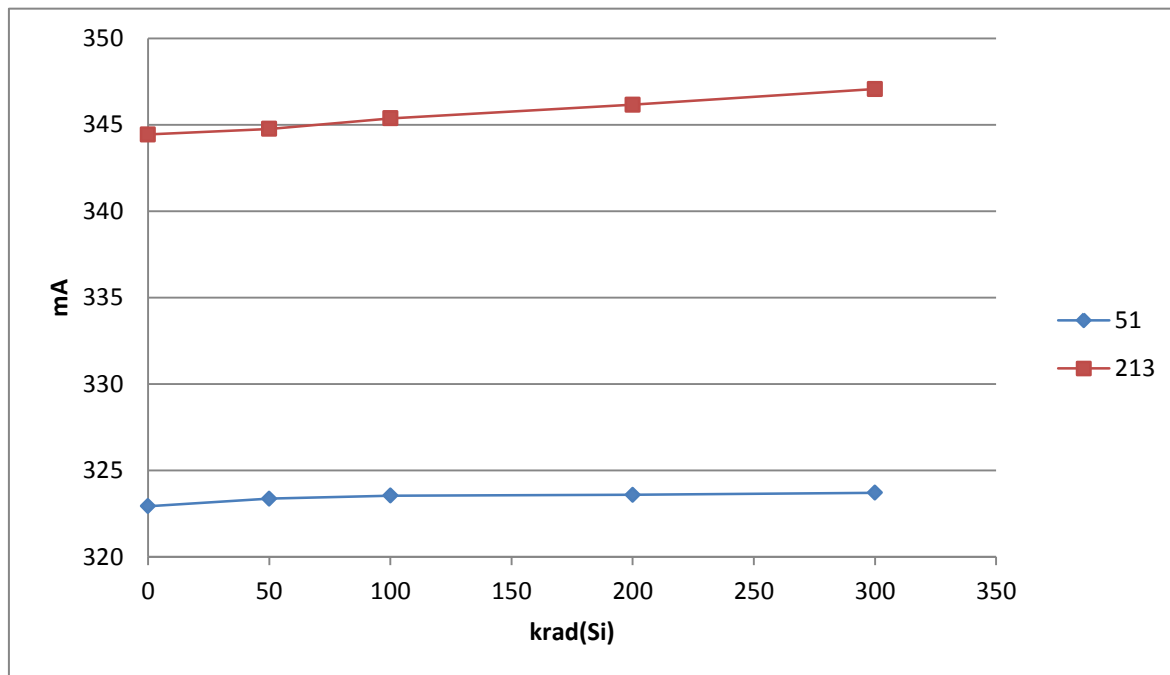
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.3593445	0.3543396	0.70861816	0.93133545
213		1.88284302	2.24981689	2.2321167	5.34490967
Average		0.76174927	1.30207825	1.47036743	3.13812256
MAX		1.88284302	2.24981689	2.2321167	5.34490967
MIN		-0.3593445	0.3543396	0.70861816	0.93133545
STD_dev		1.58546599	1.34030485	1.07727615	3.12086826



1452 IAT/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	322.925659	323.361298	323.538605	323.584198	323.70575
213	344.434418	344.756073	345.366486	346.156708	347.058411
Average	333.680038	334.058685	334.452545	334.870453	335.38208
MAX	344.434418	344.756073	345.366486	346.156708	347.058411
MIN	322.925659	323.361298	323.538605	323.584198	323.70575
STD_dev	15.208989	15.1283908	15.4346426	15.9611747	16.512825

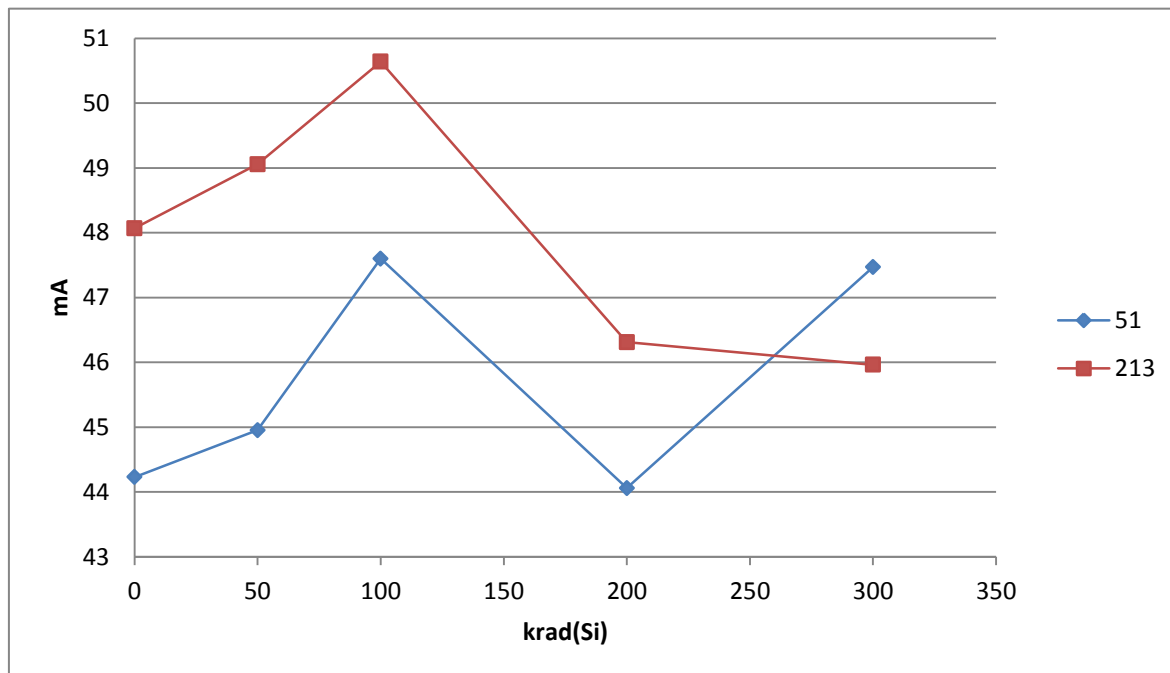
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.43563843	0.61294556	0.65853882	0.78009033
213		0.32165527	0.93206787	1.72229004	2.62399292
Average		0.37864685	0.77250671	1.19041443	1.70204163
MAX		0.43563843	0.93206787	1.72229004	2.62399292
MIN		0.32165527	0.61294556	0.65853882	0.78009033
STD_dev		0.08059826	0.22565355	0.7521857	1.30383602



1453 IENC/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	44.2289429	44.9527206	47.6001396	44.0584755	47.4693031
213	48.0683441	49.0563316	50.6395493	46.3111076	45.9622993
Average	46.1486435	47.0045261	49.1198444	45.1847916	46.7158012
MAX	48.0683441	49.0563316	50.6395493	46.3111076	47.4693031
MIN	44.2289429	44.9527206	47.6001396	44.0584755	45.9622993
STD_dev	2.71486666	2.90169116	2.14918717	1.59285146	1.06561259

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.72377777	3.37119675	-0.1704674	3.24036026
213		0.98798752	2.57120514	-1.7572365	-2.1060448
Average		0.85588264	2.97120094	-0.9638519	0.56715775
MAX		0.98798752	3.37119675	-0.1704674	3.24036026
MIN		0.72377777	2.57120514	-1.7572365	-2.1060448
STD_dev		0.1868245	0.56567949	1.12201519	3.78047925

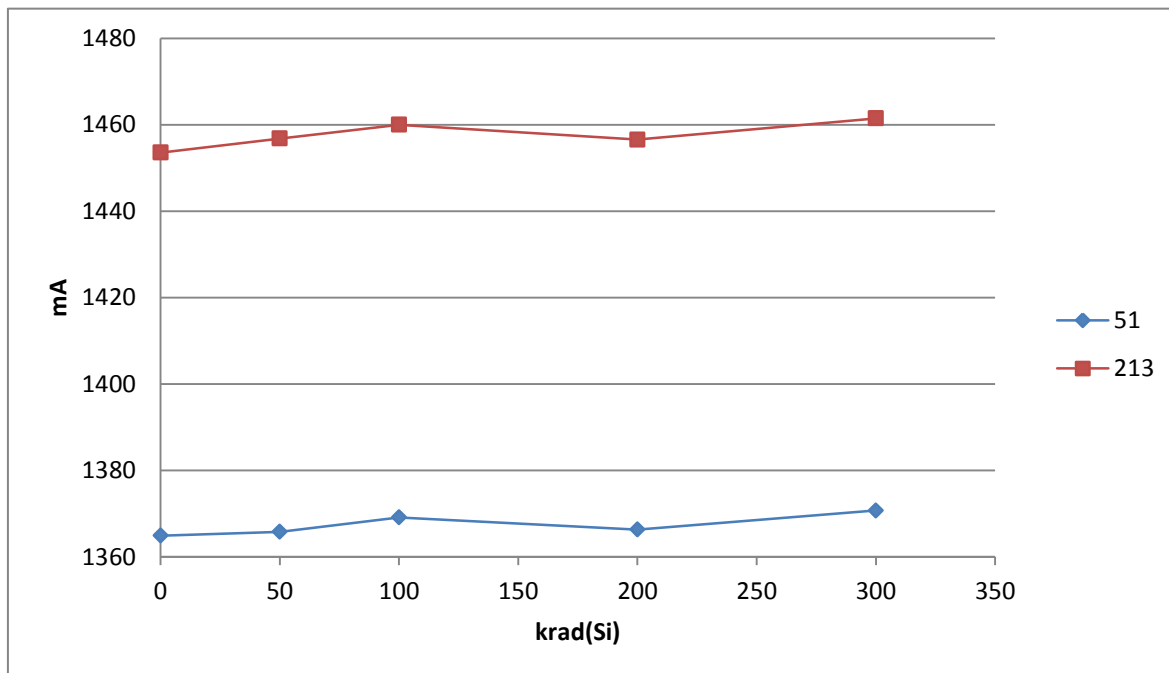


1454 IALL/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min 1220.00003 Limit_Max 1620 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1364.87427	1365.76282	1369.09888	1366.28577	1370.71106
213	1453.54102	1456.78418	1459.97693	1456.53491	1461.45239
Average	1409.20764	1411.2735	1414.5379	1411.41034	1416.08173
MAX	1453.54102	1456.78418	1459.97693	1456.53491	1461.45239
MIN	1364.87427	1365.76282	1369.09888	1366.28577	1370.71106
STD_dev	62.6968588	64.3618225	64.2604867	63.8157828	64.1638119

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.88854981	4.22460938	1.41149902	5.83679199
213		3.24316406	6.43591309	2.99389648	7.91137695
Average		2.06585693	5.33026123	2.20269775	6.87408447
MAX		3.24316406	6.43591309	2.99389648	7.91137695
MIN		0.88854981	4.22460938	1.41149902	5.83679199
STD_dev		1.66496371	1.56362785	1.11892397	1.46695309

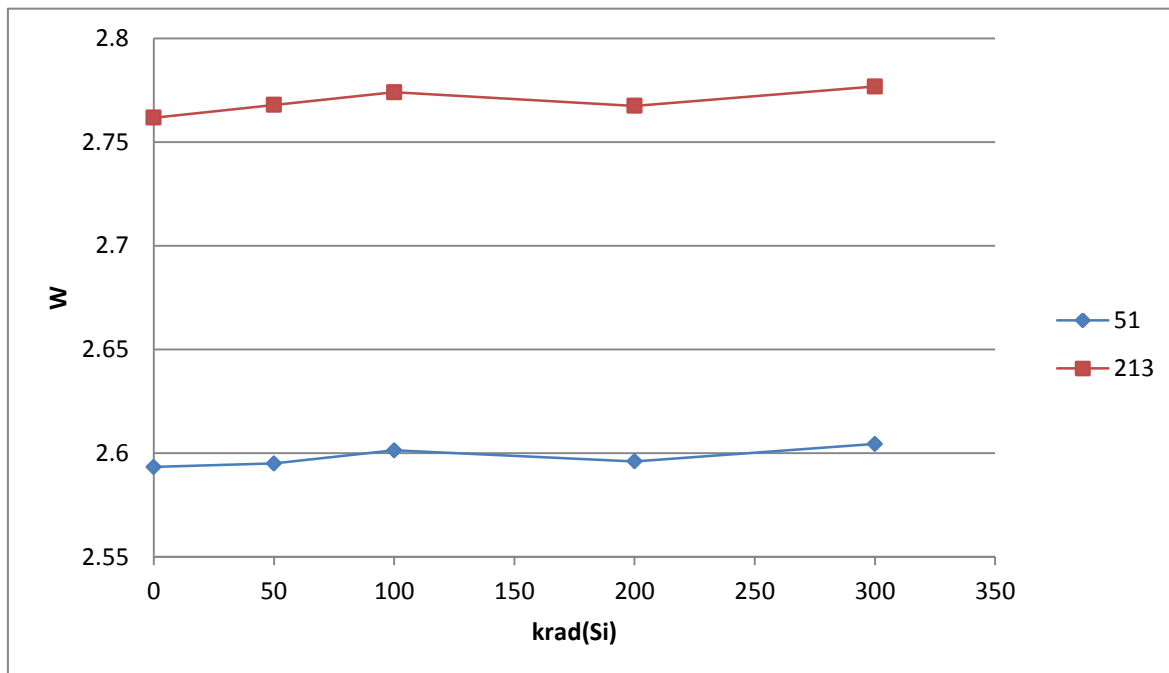


1455 PWR/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min 2.0999999 Limit_Max 3.0999999 W

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.593261	2.59494925	2.60128784	2.59594321	2.60435104
213	2.76172805	2.76788998	2.7739563	2.76741624	2.77675939
Average	2.67749453	2.68141961	2.68762207	2.68167973	2.69055522
MAX	2.76172805	2.76788998	2.7739563	2.76741624	2.77675939
MIN	2.593261	2.59494925	2.60128784	2.59594321	2.60435104
STD_dev	0.11912419	0.12228756	0.12209504	0.12124974	0.12191111

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.00168824	0.00802684	0.00268221	0.01109004
213		0.00616193	0.01222825	0.00568819	0.01503134
Average		0.00392509	0.01012755	0.0041852	0.01306069
MAX		0.00616193	0.01222825	0.00568819	0.01503134
MIN		0.00168824	0.00802684	0.00268221	0.01109004
STD_dev		0.00316337	0.00297085	0.00212555	0.00278692

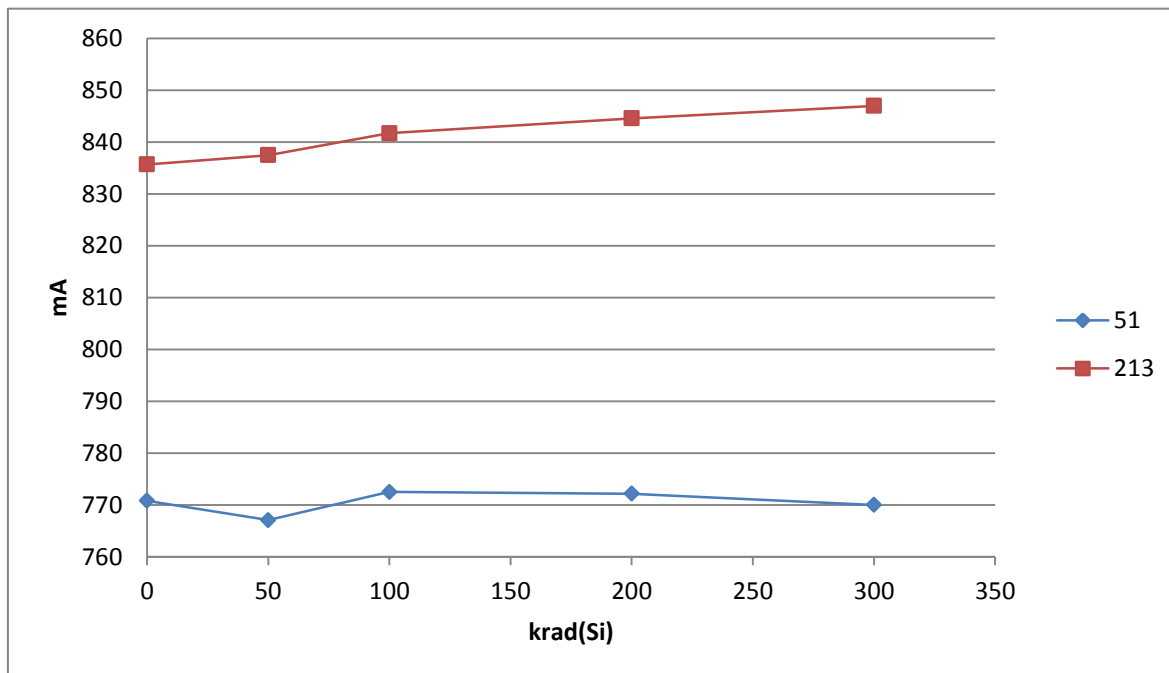


1460 IALL_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min 629.999995 Limit_Max 939.999998 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	770.791504	767.067078	772.485657	772.146118	770.002625
213	835.659119	837.454834	841.671631	844.564941	846.966858
Average	803.225311	802.260956	807.078644	808.35553	808.484741
MAX	835.659119	837.454834	841.671631	844.564941	846.966858
MIN	770.791504	767.067078	772.485657	772.146118	770.002625
STD_dev	45.8683303	49.7716598	48.9218715	51.207841	54.4219313

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-3.7244263	1.69415283	1.35461426	-0.7888794
213		1.79571533	6.01251221	8.90582275	11.3077393
Average		-0.9643555	3.85333252	5.13021851	5.25942993
MAX		1.79571533	6.01251221	8.90582275	11.3077393
MIN		-3.7244263	1.69415283	1.35461426	-0.7888794
STD_dev		3.90332956	3.0535412	5.33951073	8.55360108

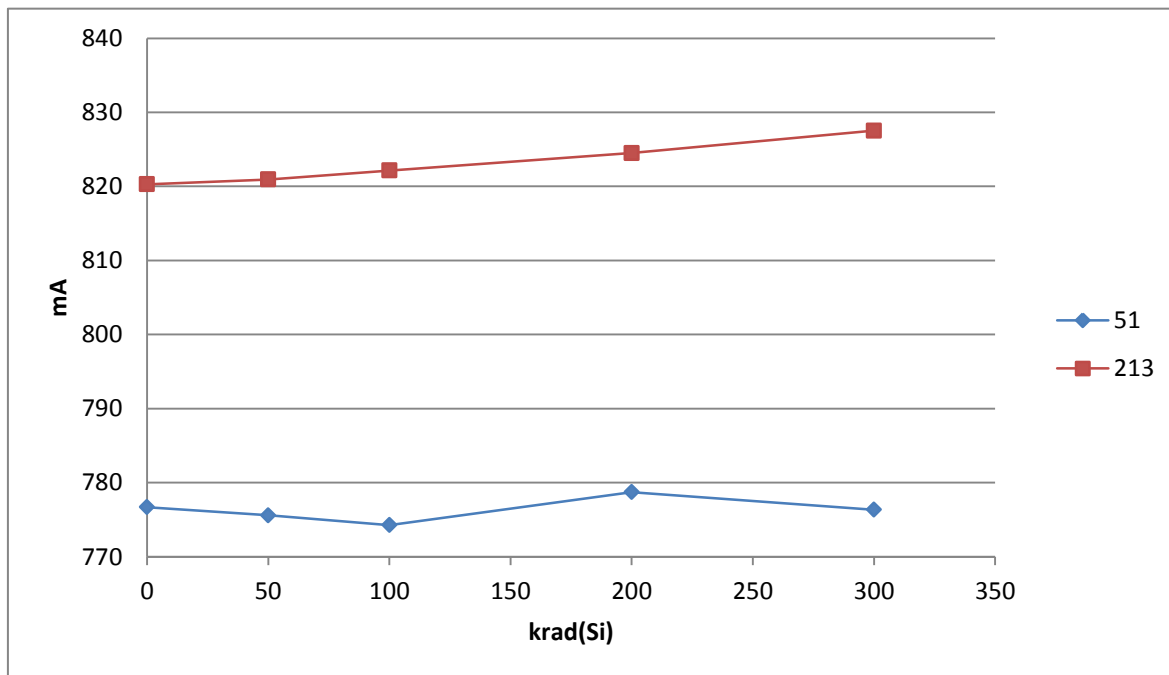


1466 IALL_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min 629.999995 Limit_Max 939.999998 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	776.695984	775.598389	774.272949	778.726685	776.343994
213	820.295044	820.944397	822.143311	824.507385	827.527527
Average	798.495514	798.271393	798.20813	801.617035	801.93576
MAX	820.295044	820.944397	822.143311	824.507385	827.527527
MIN	776.695984	775.598389	774.272949	778.726685	776.343994
STD_dev	30.829191	32.06447	33.8494571	32.3718439	36.1922231

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.0975952	-2.4230347	2.03070068	-0.3519897
213		0.64935303	1.8482666	4.21234131	7.23248291
Average		-0.2241211	-0.287384	3.121521	3.44024658
MAX		0.64935303	1.8482666	4.21234131	7.23248291
MIN		-1.0975952	-2.4230347	2.03070068	-0.3519897
STD_dev		1.23527895	3.02026609	1.54265288	5.36303205

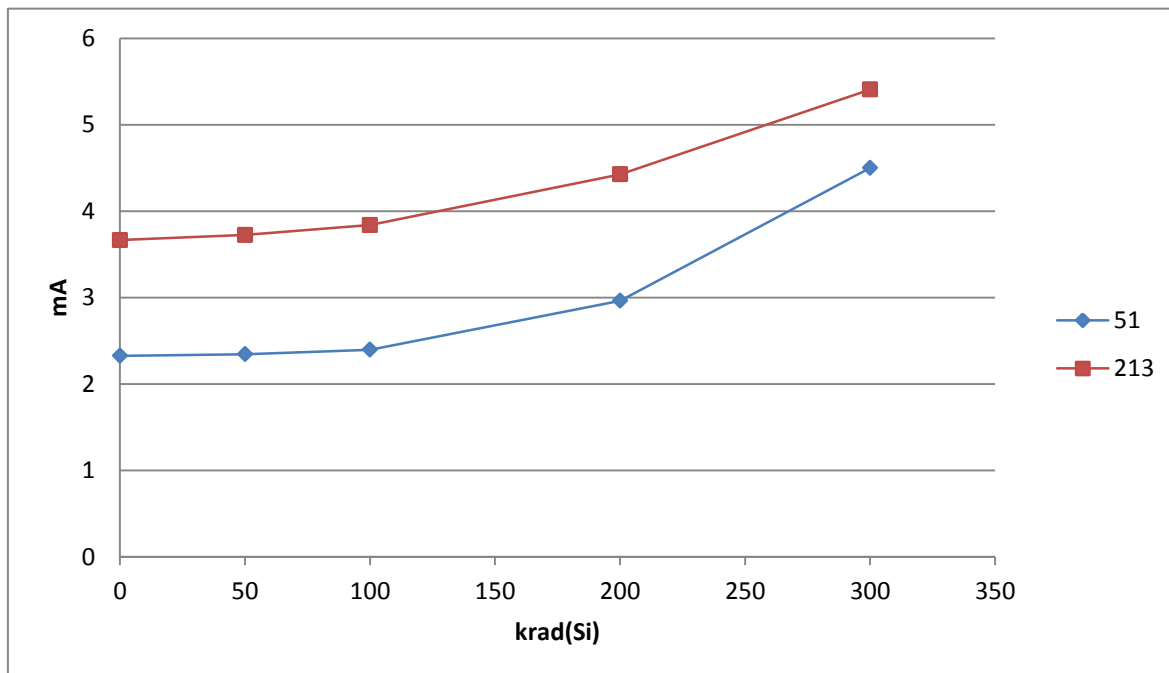


1472 IALL_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min NA Limit_Max 85.0000009 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.32455468	2.34462452	2.3963964	2.96204782	4.49845886
213	3.66444159	3.72381258	3.83842802	4.42463303	5.40742445
Average	2.99449813	3.03421855	3.11741221	3.69334042	4.95294166
MAX	3.66444159	3.72381258	3.83842802	4.42463303	5.40742445
MIN	2.32455468	2.34462452	2.3963964	2.96204782	4.49845886
STD_dev	0.94744312	0.97523323	1.01967034	1.03420392	0.64273573

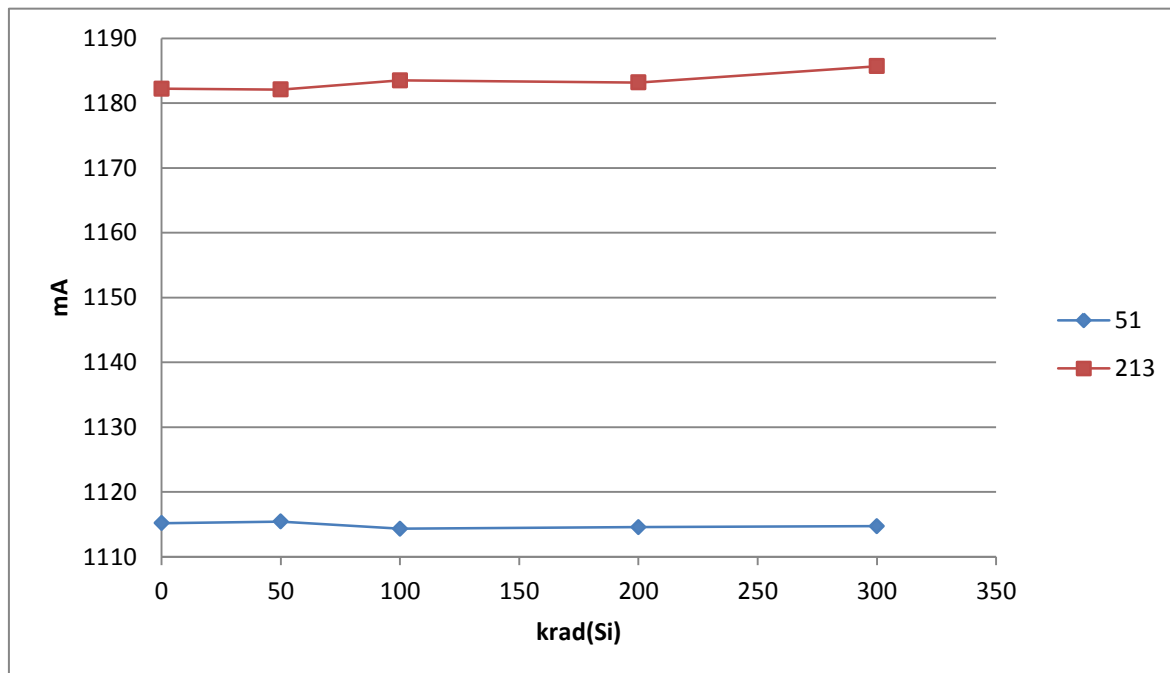
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02006984	0.07184172	0.63749313	2.17390418
213		0.05937099	0.17398643	0.76019144	1.74298286
Average		0.03972042	0.12291408	0.69884229	1.95844352
MAX		0.05937099	0.17398643	0.76019144	2.17390418
MIN		0.02006984	0.07184172	0.63749313	1.74298286
STD_dev		0.02779011	0.07222722	0.0867608	0.30470738



1480 IA/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1115.18347	1115.43628	1114.32361	1114.57642	1114.71558
213	1182.21191	1182.08557	1183.48901	1183.18555	1185.7019
Average	1148.69769	1148.76093	1148.90631	1148.88098	1150.20874
MAX	1182.21191	1182.08557	1183.48901	1183.18555	1185.7019
MIN	1115.18347	1115.43628	1114.32361	1114.57642	1114.71558
STD_dev	47.3962661	47.1281663	48.9073271	48.5139817	50.194914

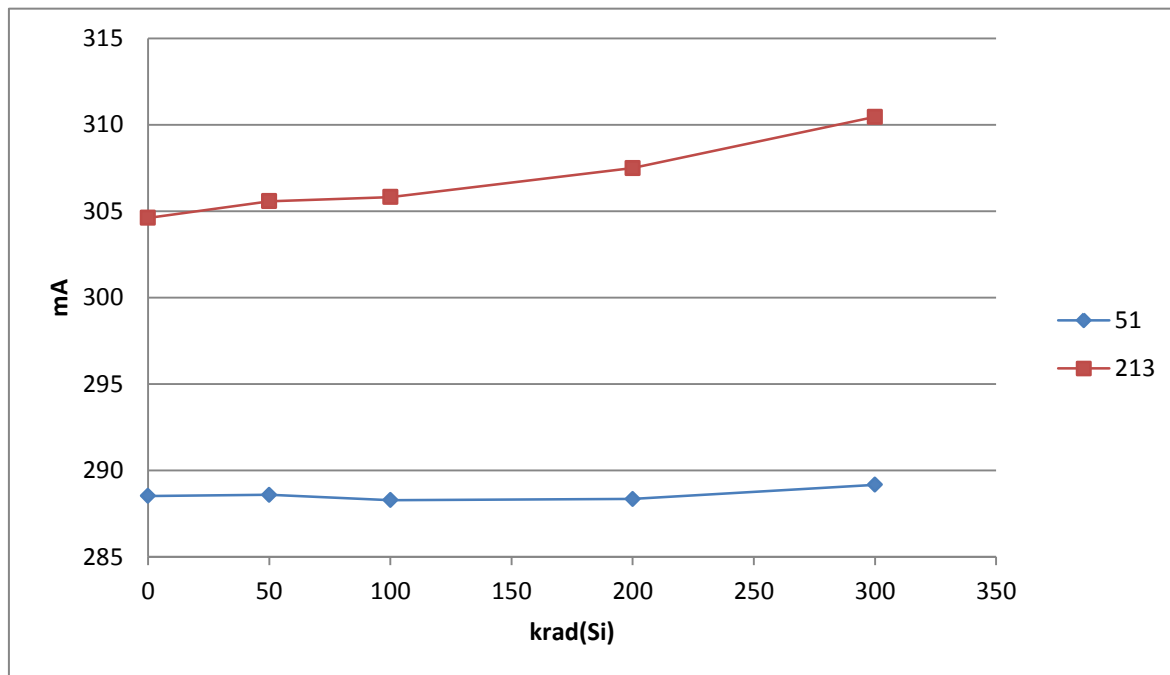
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.25280762	-0.8598633	-0.6070557	-0.4678955
213		-0.1263428	1.27709961	0.97363281	3.48999024
Average		0.06323242	0.20861816	0.18328857	1.51104736
MAX		0.25280762	1.27709961	0.97363281	3.48999024
MIN		-0.1263428	-0.8598633	-0.6070557	-0.4678955
STD_dev		0.26809981	1.51106095	1.11771554	2.79864785



1481 IDR/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	288.520355	288.583618	288.28009	288.343353	289.165314
213	304.605988	305.567078	305.807343	307.489288	310.448395
Average	296.563171	297.075348	297.043716	297.916321	299.806854
MAX	304.605988	305.567078	305.807343	307.489288	310.448395
MIN	288.520355	288.583618	288.28009	288.343353	289.165314
STD_dev	11.3742597	12.0091194	12.3936389	13.5382205	15.0494109

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.06326294	-0.2402649	-0.177002	0.6449585
213		0.96109009	1.20135498	2.88330078	5.84240723
Average		0.51217651	0.48054504	1.35314941	3.24368286
MAX		0.96109009	1.20135498	2.88330078	5.84240723
MIN		0.06326294	-0.2402649	-0.177002	0.6449585
STD_dev		0.63485967	1.01937919	2.16396082	3.67515124

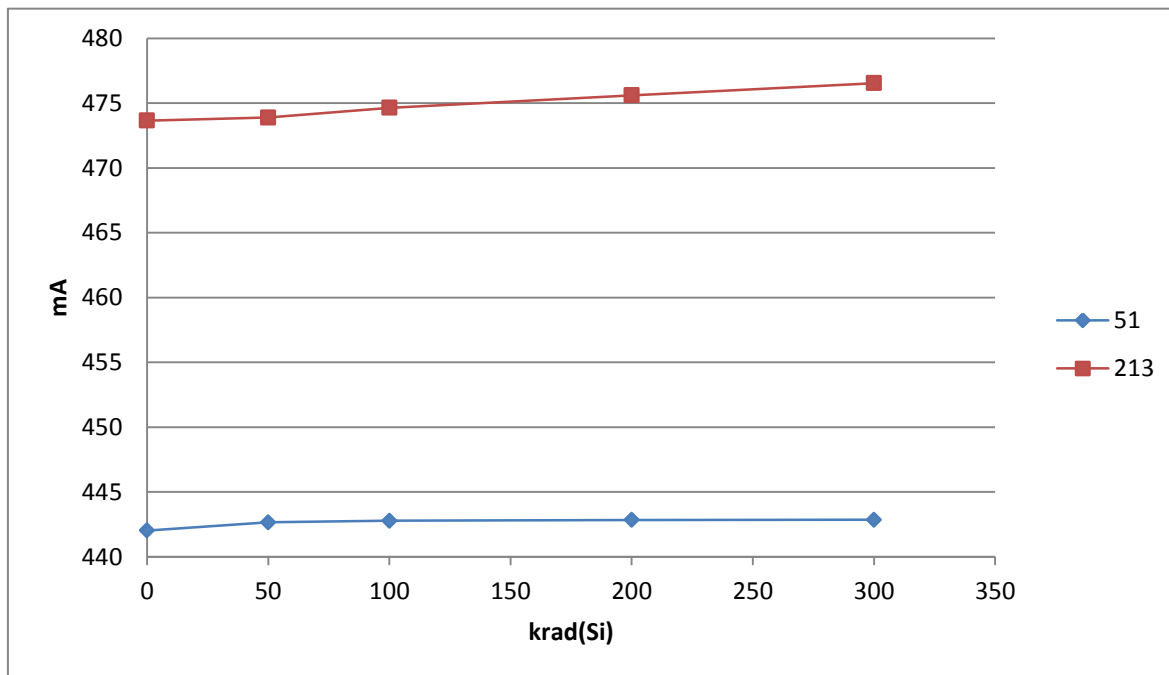




1482 IAT/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	442.024139	442.64975	442.773834	442.839722	442.854919
213	473.646423	473.889587	474.641815	475.596741	476.541473
Average	457.835281	458.269669	458.707825	459.218231	459.698196
MAX	473.646423	473.889587	474.641815	475.596741	476.541473
MIN	442.024139	442.64975	442.773834	442.839722	442.854919
STD_dev	22.3603314	22.089901	22.5340654	23.1627103	23.8199907

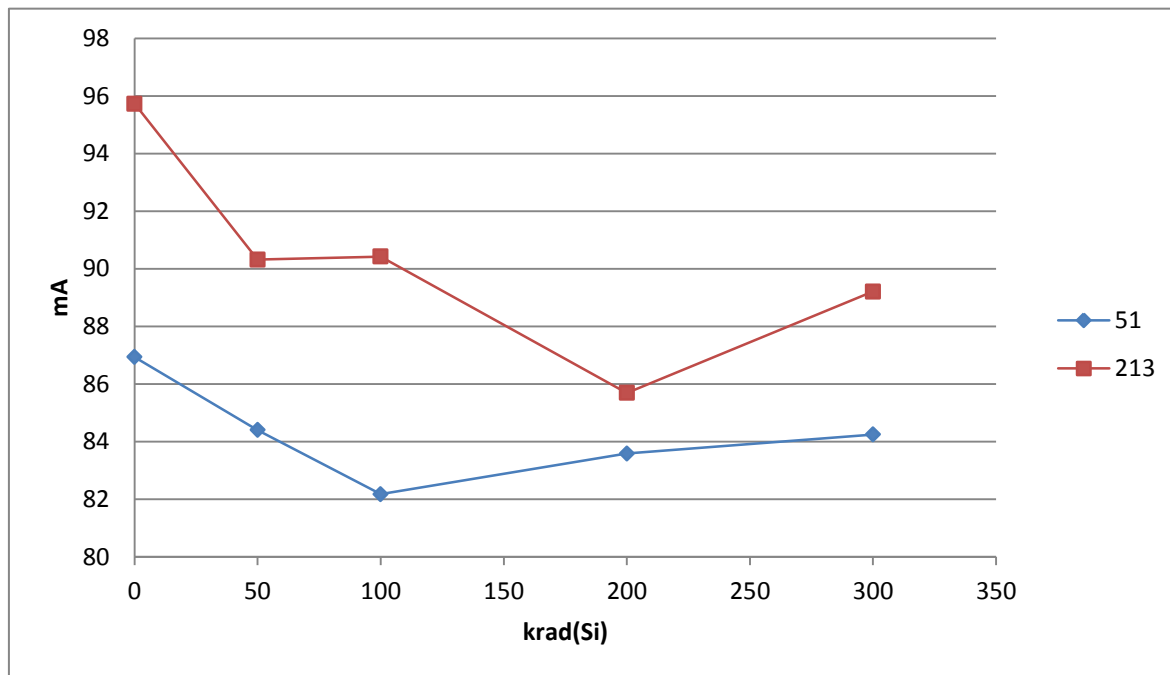
Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.62561035	0.74969482	0.81558228	0.83078003
213		0.24316406	0.99539185	1.95031738	2.89505005
Average		0.43438721	0.87254334	1.38294983	1.86291504
MAX		0.62561035	0.99539185	1.95031738	2.89505005
MIN		0.24316406	0.74969482	0.81558228	0.83078003
STD_dev		0.27043036	0.17373403	0.80237889	1.45965933



1483 IENC/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	86.934166	84.3980179	82.1733322	83.5802383	84.2417755
213	95.7264633	90.3132324	90.4229813	85.6870499	89.2038116
Average	91.3303146	87.3556252	86.2981567	84.6336441	86.7227936
MAX	95.7264633	90.3132324	90.4229813	85.6870499	89.2038116
MIN	86.934166	84.3980179	82.1733322	83.5802383	84.2417755
STD_dev	6.21709309	4.18268831	5.83338278	1.48974072	3.5086894

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-2.5361481	-4.7608337	-3.3539276	-2.6923904
213		-5.4132309	-5.3034821	-10.039413	-6.5226517
Average		-3.9746895	-5.0321579	-6.6966705	-4.6075211
MAX		-2.5361481	-4.7608337	-3.3539276	-2.6923904
MIN		-5.4132309	-5.3034821	-10.039413	-6.5226517
STD_dev		2.03440477	0.3837103	4.72735237	2.70840369

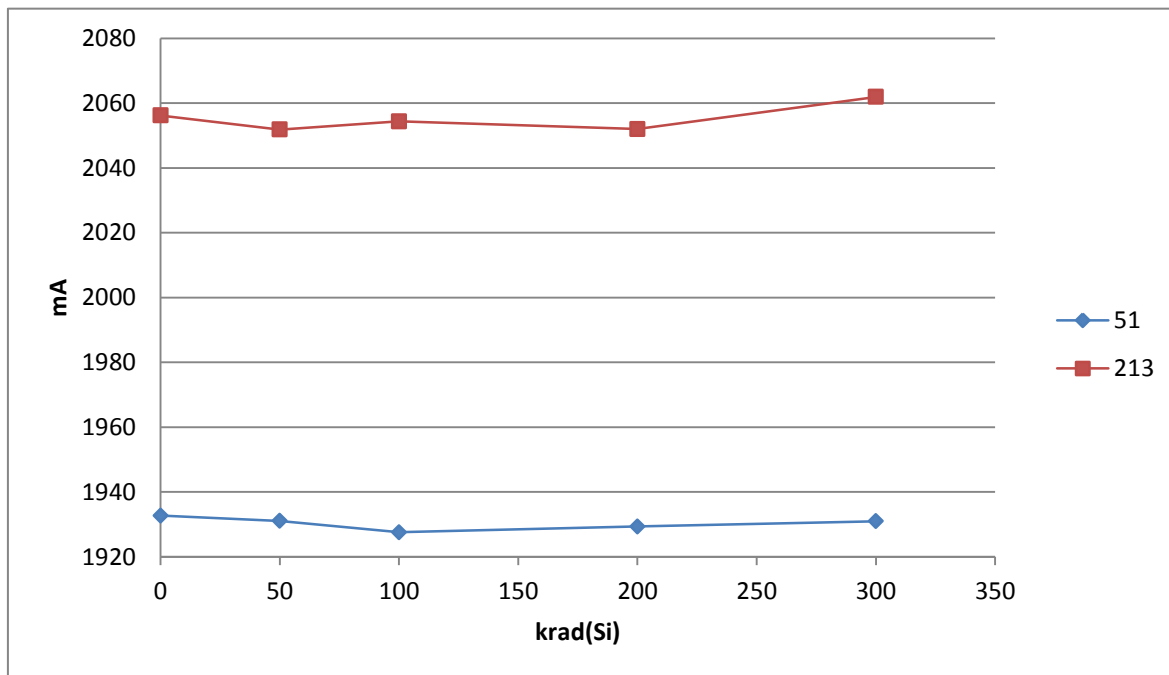


1484 IALL/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min 1779.99997 Limit_Max 2279.99997 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1932.66211	1931.06775	1927.5509	1929.33972	1930.97754
213	2056.19067	2051.85522	2054.36108	2051.9585	2061.89526
Average	1994.42639	1991.46149	1990.95599	1990.64911	1996.4364
MAX	2056.19067	2051.85522	2054.36108	2051.9585	2061.89526
MIN	1932.66211	1931.06775	1927.5509	1929.33972	1930.97754
STD_dev	87.3478856	85.4096431	89.6683387	86.7045669	92.5728108

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.5943604	-5.1112061	-3.3223877	-1.6845703
213		-4.3354492	-1.8295898	-4.2321777	5.70458984
Average		-2.9649048	-3.4703979	-3.7772827	2.01000977
MAX		-1.5943604	-1.8295898	-3.3223877	5.70458984
MIN		-4.3354492	-5.1112061	-4.2321777	-1.6845703
STD_dev		1.93824253	2.32045308	0.64331871	5.22492525

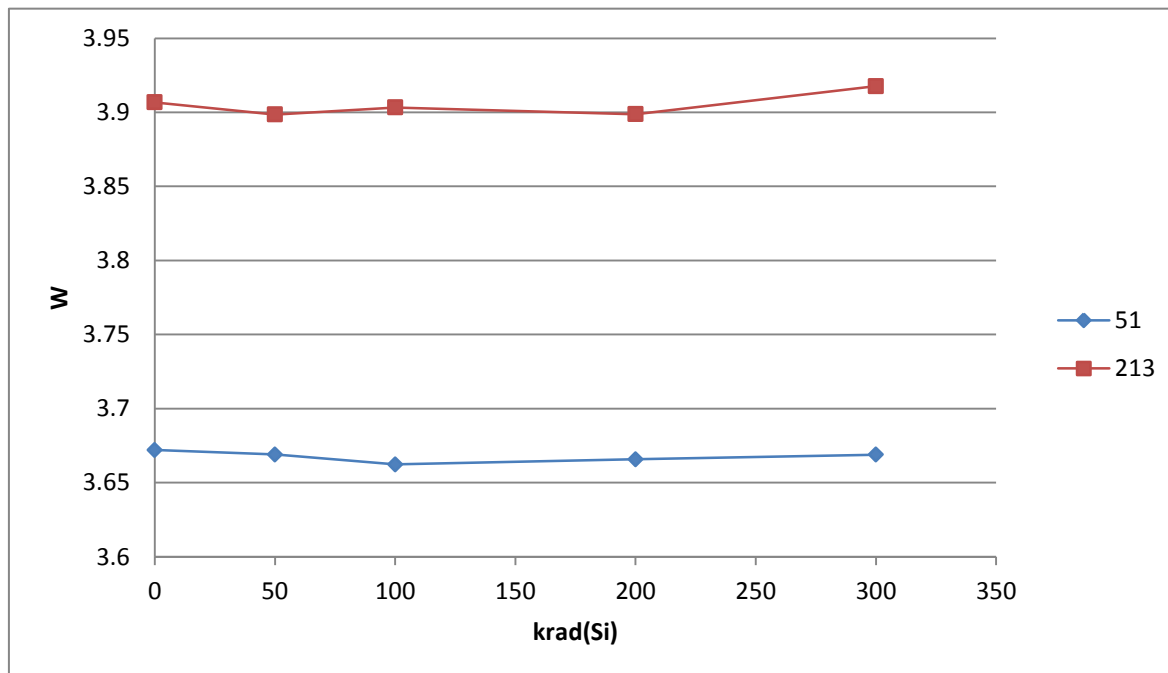


1485 PWR/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min 3.20000005 Limit_Max 4.4000001 W

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.67205811	3.66902852	3.6623466	3.6657455	3.66885734
213	3.9067626	3.89852524	3.90328622	3.89872122	3.91760135
Average	3.78941035	3.78377688	3.78281641	3.78223336	3.79322934
MAX	3.9067626	3.89852524	3.90328622	3.89872122	3.91760135
MIN	3.67205811	3.66902852	3.6623466	3.6657455	3.66885734
STD_dev	0.16596114	0.16227868	0.17037004	0.16473871	0.17588858

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0030296	-0.0097115	-0.0063126	-0.0032008
213		-0.0082374	-0.0034764	-0.0080414	0.01083875
Average		-0.0056335	-0.0065939	-0.007177	0.00381899
MAX		-0.0030296	-0.0034764	-0.0063126	0.01083875
MIN		-0.0082374	-0.0097115	-0.0080414	-0.0032008
STD_dev		0.00368246	0.0044089	0.00122243	0.00992744

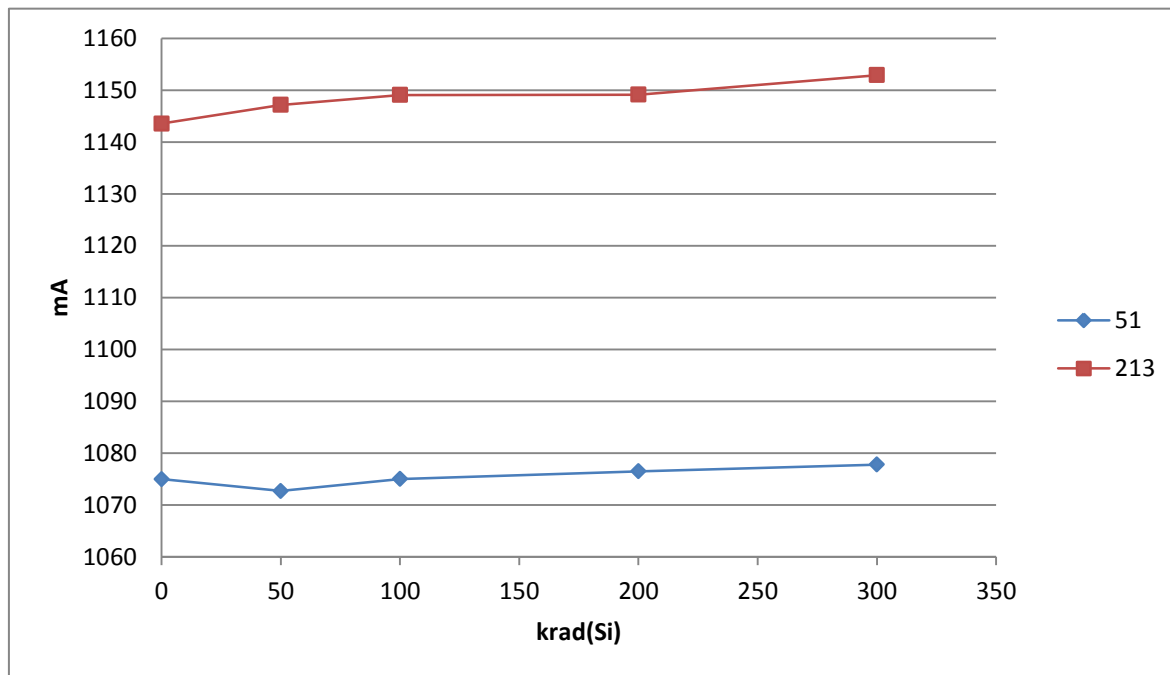


1490 IALL_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min 930.000007 Limit_Max 1299.99995 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1074.9502	1072.68054	1074.98352	1076.46472	1077.77832
213	1143.52161	1147.15625	1149.07471	1149.1311	1152.90076
Average	1109.2359	1109.9184	1112.02911	1112.79791	1115.33954
MAX	1143.52161	1147.15625	1149.07471	1149.1311	1152.90076
MIN	1074.9502	1072.68054	1074.98352	1076.46472	1077.77832
STD_dev	48.4873098	52.6622782	52.3903804	51.3828914	53.1195843

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-2.2696533	0.0333252	1.51452637	2.828125
213		3.63464355	5.55310059	5.60949707	9.37915039
Average		0.68249512	2.79321289	3.56201172	6.1036377
MAX		3.63464355	5.55310059	5.60949707	9.37915039
MIN		-2.2696533	0.0333252	1.51452637	2.828125
STD_dev		4.17496836	3.90307061	2.89558155	4.63227448

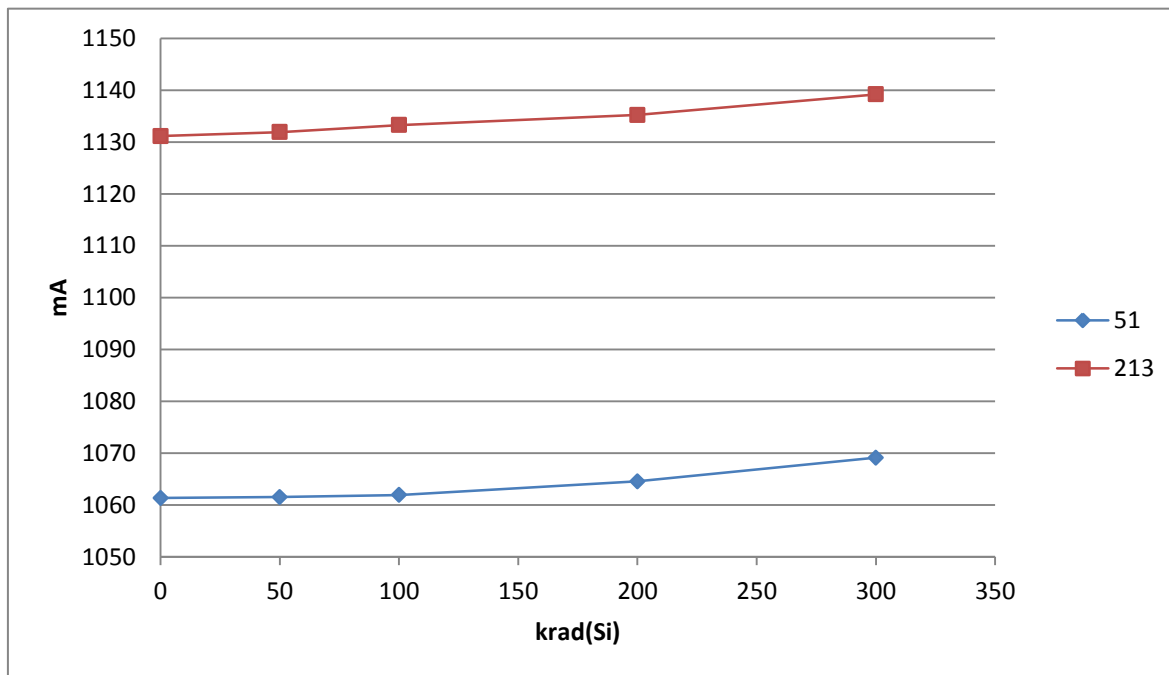


1496 IALL_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min 930.000007 Limit_Max 1299.99995 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1061.31458	1061.51587	1061.89392	1064.52832	1069.10596
213	1131.13098	1131.90515	1133.24731	1135.21667	1139.18274
Average	1096.22278	1096.71051	1097.57062	1099.8725	1104.14435
MAX	1131.13098	1131.90515	1133.24731	1135.21667	1139.18274
MIN	1061.31458	1061.51587	1061.89392	1064.52832	1069.10596
STD_dev	49.3676543	49.7727388	50.4544684	49.9842148	49.5517679

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.20129395	0.5793457	3.21374512	7.79138184
213		0.77416992	2.11633301	4.08569336	8.05175781
Average		0.48773193	1.34783936	3.64971924	7.92156982
MAX		0.77416992	2.11633301	4.08569336	8.05175781
MIN		0.20129395	0.5793457	3.21374512	7.79138184
STD_dev		0.40508449	1.08681415	0.61656052	0.18411362

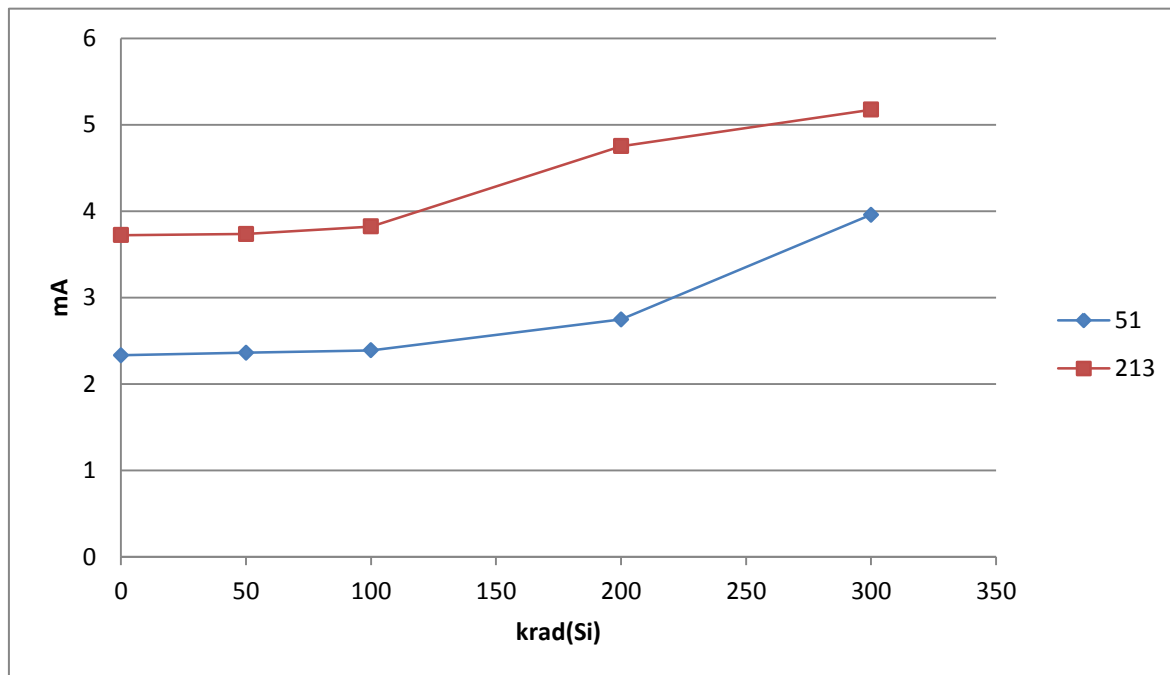


1502 IALL_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min NA Limit_Max 85.0000009 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.33039022	2.35980606	2.38801289	2.74670005	3.95652008
213	3.72160411	3.73390532	3.82070756	4.75205183	5.17394066
Average	3.02599716	3.04685569	3.10436022	3.74937594	4.56523037
MAX	3.72160411	3.73390532	3.82070756	4.75205183	5.17394066
MIN	2.33039022	2.35980606	2.38801289	2.74670005	3.95652008
STD_dev	0.98373678	0.9716349	1.01306812	1.41799784	0.86084635

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02941585	0.05762267	0.41630983	1.62612987
213		0.01230121	0.09910345	1.03044772	1.45233655
Average		0.02085853	0.07836306	0.72337878	1.53923321
MAX		0.02941585	0.09910345	1.03044772	1.62612987
MIN		0.01230121	0.05762267	0.41630983	1.45233655
STD_dev		0.01210188	0.02933134	0.43426107	0.12289043

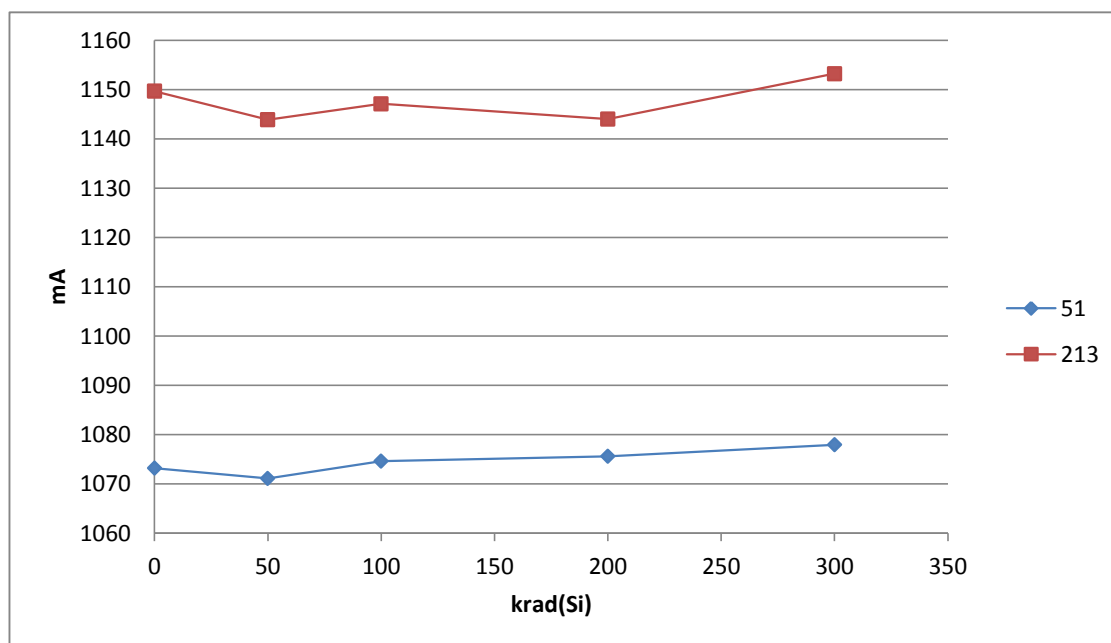


1514 IALL_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min 930.000007 Limit_Max 1299.99995 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1073.19434	1071.11707	1074.61975	1075.59094	1077.94348
213	1149.66931	1143.87976	1147.10779	1144.04309	1153.21741
Average	1111.43182	1107.49841	1110.86377	1109.81702	1115.58044
MAX	1149.66931	1143.87976	1147.10779	1144.04309	1153.21741
MIN	1073.19434	1071.11707	1074.61975	1075.59094	1077.94348
STD_dev	54.0759738	51.4509953	51.2567826	48.4029783	53.2267034

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-2.0772705	1.42541504	2.39660645	4.74914551
213		-5.7895508	-2.5615234	-5.6262207	3.5480957
Average		-3.9334106	-0.5680542	-1.6148071	4.14862061
MAX		-2.0772705	1.42541504	2.39660645	4.74914551
MIN		-5.7895508	-2.5615234	-5.6262207	3.5480957
STD_dev		2.62497855	2.81919123	5.67299548	0.84927046

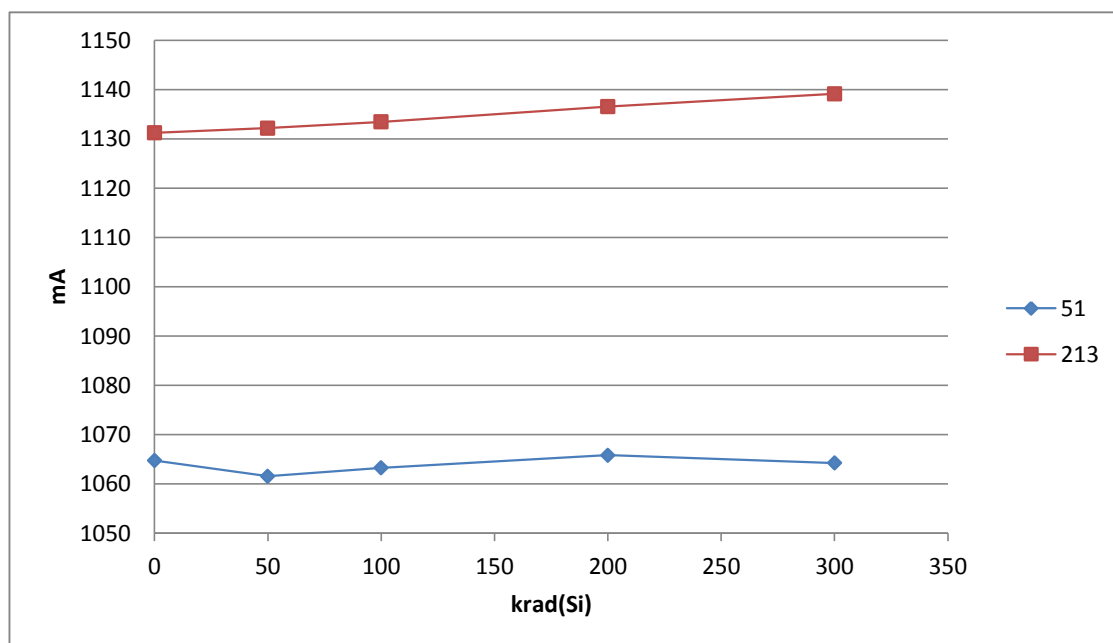


1520 IALL_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min 930.000007 Limit_Max 1299.99995 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1064.73877	1061.53076	1063.24695	1065.82141	1064.24084
213	1131.24231	1132.19458	1133.45813	1136.57642	1139.14771
Average	1097.99054	1096.86267	1098.35254	1101.19891	1101.69427
MAX	1131.24231	1132.19458	1133.45813	1136.57642	1139.14771
MIN	1064.73877	1061.53076	1063.24695	1065.82141	1064.24084
STD_dev	47.0251041	49.9668651	49.6468027	50.0313438	52.9671489

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-3.2080078	-1.4918213	1.0826416	-0.4979248
213		0.95227051	2.21582031	5.33410645	7.90539551
Average		-1.1278687	0.36199951	3.20837402	3.70373535
MAX		0.95227051	2.21582031	5.33410645	7.90539551
MIN		-3.2080078	-1.4918213	1.0826416	-0.4979248
STD_dev		2.94176101	2.62169852	3.00623962	5.94204478

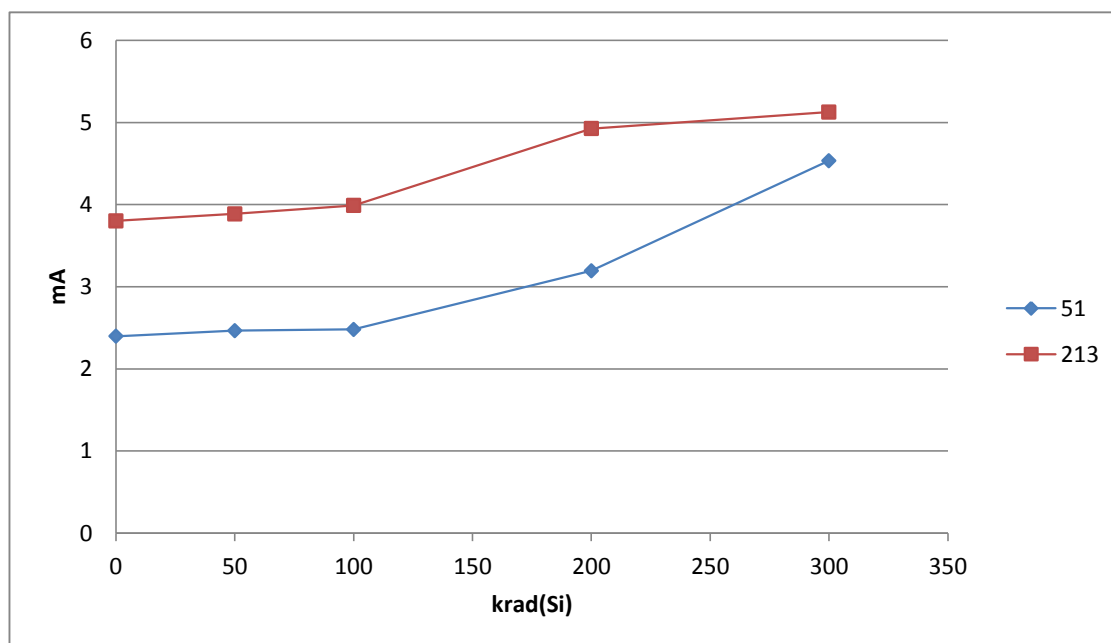


1526 IALL_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min NA Limit_Max 85.0000009 mA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.39762521	2.46445394	2.4795897	3.19320202	4.53521919
213	3.80123282	3.88665748	3.99008942	4.92560387	5.12783098
Average	3.09942901	3.17555571	3.23483956	4.05940294	4.83152509
MAX	3.80123282	3.88665748	3.99008942	4.92560387	5.12783098
MIN	2.39762521	2.46445394	2.4795897	3.19320202	4.53521919
STD_dev	0.99250046	1.00564977	1.06808459	1.22499309	0.41903981

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.06682873	0.08196449	0.79557681	2.13759399
213		0.08542466	0.1888566	1.12437105	1.32659817
Average		0.07612669	0.13541055	0.95997393	1.73209608
MAX		0.08542466	0.1888566	1.12437105	2.13759399
MIN		0.06682873	0.08196449	0.79557681	1.32659817
STD_dev		0.01314931	0.07558414	0.23249264	0.57346064

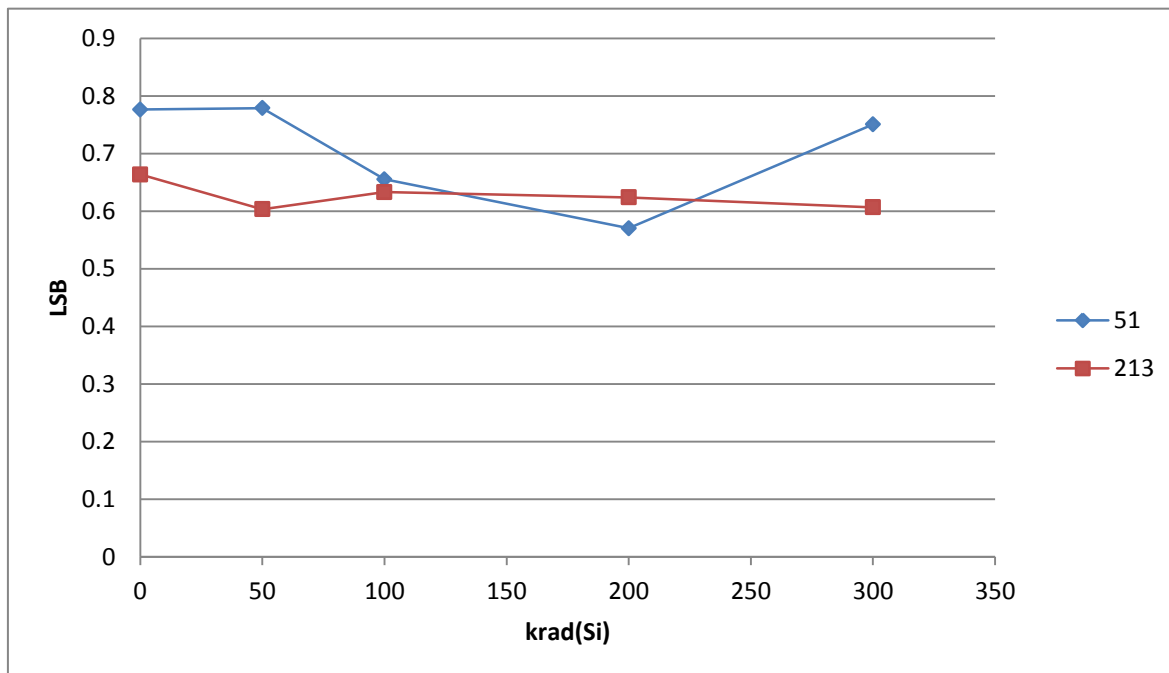


1530 DNLMAX/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min NA Limit_Max 1.35000002 LSB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.77629304	0.77888346	0.65530431	0.5700472	0.75036478
213	0.66359538	0.60331774	0.63303727	0.62374961	0.60647416
Average	0.71994421	0.6911006	0.64417079	0.59689841	0.67841947
MAX	0.77629304	0.77888346	0.65530431	0.62374961	0.75036478
MIN	0.66359538	0.60331774	0.63303727	0.5700472	0.60647416
STD_dev	0.07968928	0.12414371	0.01574518	0.03797334	0.10174603

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.00259042	-0.1209887	-0.2062458	-0.0259283
213		-0.0602776	-0.0305581	-0.0398458	-0.0571212
Average		-0.0288436	-0.0757734	-0.1230458	-0.0415247
MAX		0.00259042	-0.0305581	-0.0398458	-0.0259283
MIN		-0.0602776	-0.1209887	-0.2062458	-0.0571212
STD_dev		0.04445443	0.0639441	0.11766262	0.02205675

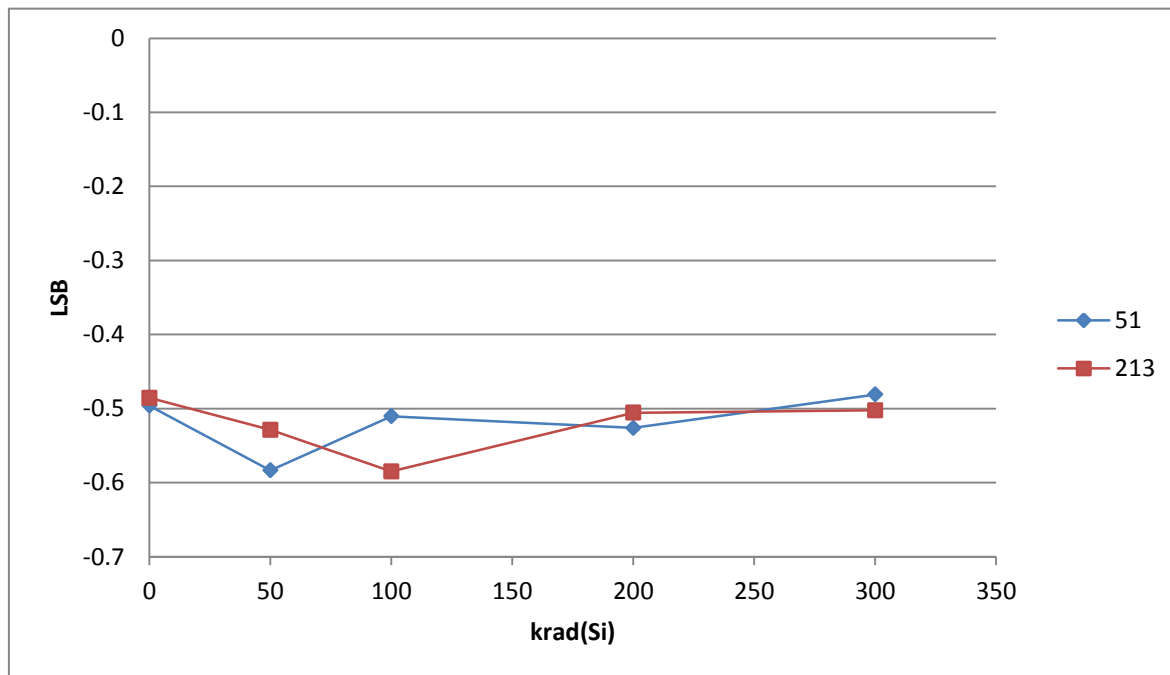


1531 DNLMIN/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -1.35 Limit_Max NA LSB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.4960599	-0.5833421	-0.5103513	-0.5261426	-0.4810083
213	-0.4855629	-0.5288029	-0.5848352	-0.5055842	-0.5022922
Average	-0.4908114	-0.5560725	-0.5475933	-0.5158634	-0.4916502
MAX	-0.4855629	-0.5288029	-0.5103513	-0.5055842	-0.4810083
MIN	-0.4960599	-0.5833421	-0.5848352	-0.5261426	-0.5022922
STD_dev	0.00742252	0.03856508	0.05266809	0.01453695	0.01504997

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0872822	-0.0142914	-0.0300827	0.0150516
213		-0.04324	-0.0992724	-0.0200214	-0.0167293
Average		-0.0652611	-0.0567819	-0.025052	-0.0008388
MAX		-0.04324	-0.0142914	-0.0200214	0.0150516
MIN		-0.0872822	-0.0992724	-0.0300827	-0.0167293
STD_dev		0.03114256	0.06009062	0.00711443	0.02247249

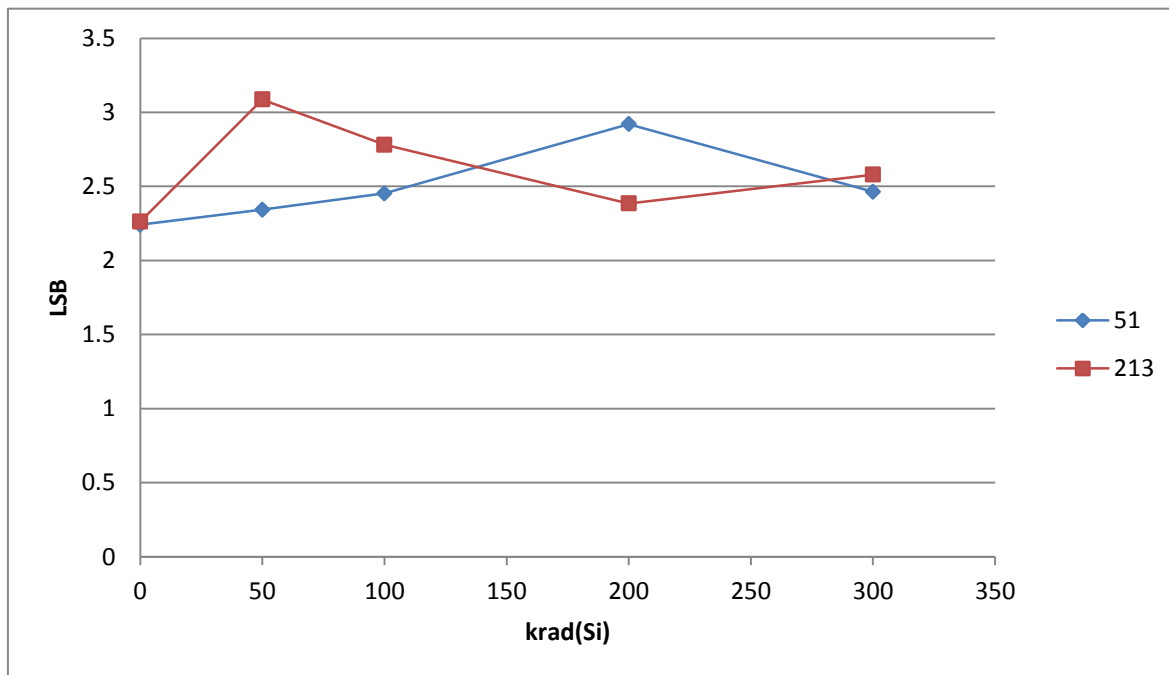


1532 INLMAX/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min NA Limit_Max 7.5 LSB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.24135304	2.34277797	2.45269108	2.9202168	2.46367621
213	2.26272225	3.08659959	2.78089452	2.38527799	2.57947493
Average	2.25203764	2.71468878	2.6167928	2.65274739	2.52157557
MAX	2.26272225	3.08659959	2.78089452	2.9202168	2.57947493
MIN	2.24135304	2.34277797	2.45269108	2.38527799	2.46367621
STD_dev	0.01511032	0.52596131	0.23207488	0.37825886	0.08188205

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.10142493	0.21133804	0.67886376	0.22232318
213		0.82387733	0.51817226	0.12255573	0.31675267
Average		0.46265113	0.36475515	0.40070975	0.26953793
MAX		0.82387733	0.51817226	0.67886376	0.31675267
MIN		0.10142493	0.21133804	0.12255573	0.22232318
STD_dev		0.51085099	0.21696456	0.39336918	0.06677173



1533 INLMIN/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min

-7.5

Limit_Max

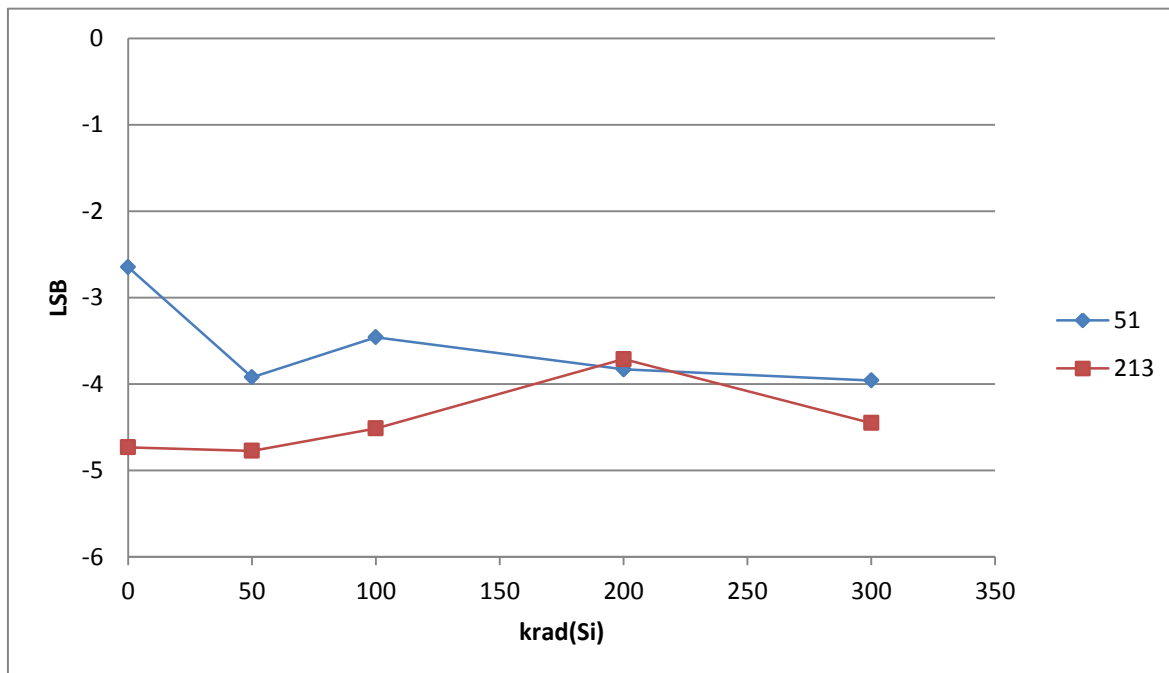
NA

LSB

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.6495891	-3.9222248	-3.4598417	-3.8321626	-3.9591928
213	-4.7327762	-4.7745066	-4.5148292	-3.7136283	-4.4523983
Average	-3.6911826	-4.3483657	-3.9873354	-3.7728955	-4.2057955
MAX	-2.6495891	-3.9222248	-3.4598417	-3.7136283	-3.9591928
MIN	-4.7327762	-4.7745066	-4.5148292	-3.8321626	-4.4523983
STD_dev	1.47303573	0.60265425	0.74598877	0.08381643	0.34874899

Delta

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.2726357	-0.8102527	-1.1825736	-1.3096037
213		-0.0417304	0.21794701	1.01914787	0.28037787
Average		-0.6571831	-0.2961528	-0.0817128	-0.5146129
MAX		-0.0417304	0.21794701	1.01914787	0.28037787
MIN		-1.2726357	-0.8102527	-1.1825736	-1.3096037
STD_dev		0.87038148	0.72704696	1.55685215	1.12428674



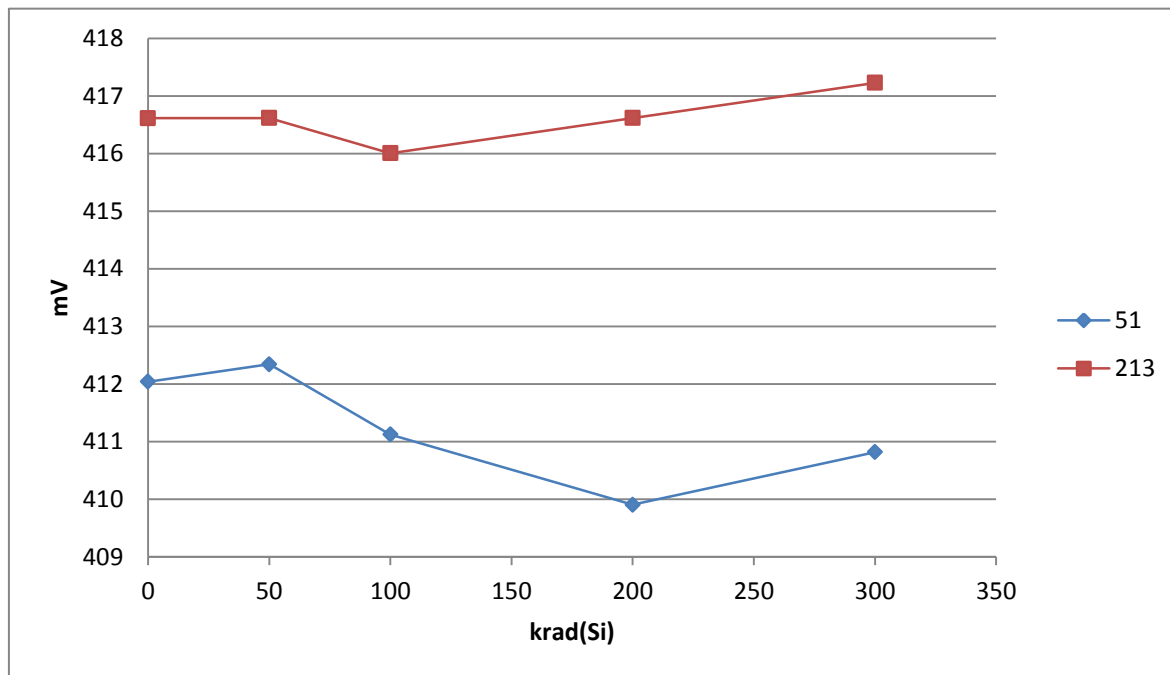


1535 POSFS/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 375 Limit_Max 444.999993 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	412.037506	412.342194	411.122192	409.901978	410.817505
213	416.613922	416.614166	416.004547	416.615234	417.225708
Average	414.325714	414.47818	413.56337	413.258606	414.021606
MAX	416.613922	416.614166	416.004547	416.615234	417.225708
MIN	412.037506	412.342194	411.122192	409.901978	410.817505
STD_dev	3.2360148	3.02074083	3.45234614	4.74698943	4.53128388

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.3046875	-0.9153137	-2.1355286	-1.2200012
213		0.00024414	-0.609375	0.00131226	0.61178589
Average		0.15246582	-0.7623444	-1.0671082	-0.3041077
MAX		0.3046875	-0.609375	0.00131226	0.61178589
MIN		0.00024414	-0.9153137	-2.1355286	-1.2200012
STD_dev		0.21527396	0.21633134	1.51097463	1.29526909

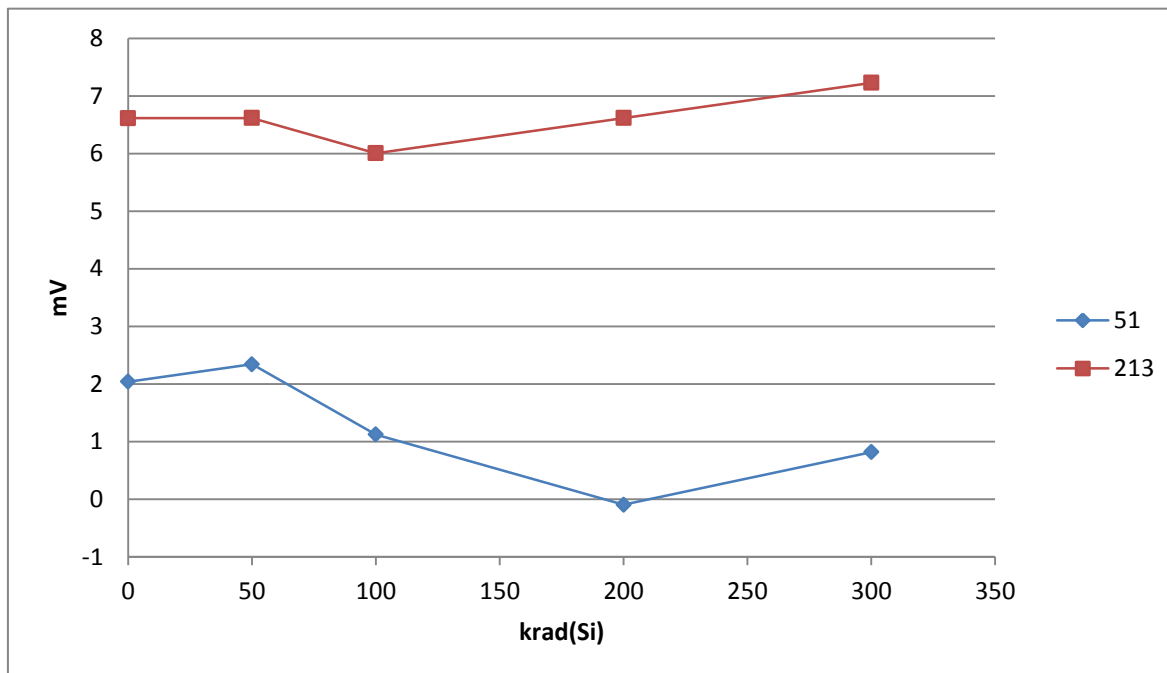


1536 POSFSERR/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max 29.9999993 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.0374918	2.34219074	1.12220287	-0.0980234	0.81750393
213	6.61393642	6.61417484	6.00453854	6.61524773	7.2257185
Average	4.32571411	4.47818279	3.5633707	3.25861216	4.02161121
MAX	6.61393642	6.61417484	6.00453854	6.61524773	7.2257185
MIN	2.0374918	2.34219074	1.12220287	-0.0980234	0.81750393
STD_dev	3.23603503	3.02074893	3.45233266	4.74699955	4.53129198

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.30469894	-0.9152889	-2.1355152	-1.2199879
213		0.00023842	-0.6093979	0.0013113	0.61178207
Average		0.15246868	-0.7623434	-1.067102	-0.3041029
MAX		0.30469894	-0.6093979	0.0013113	0.61178207
MIN		0.00023842	-0.9152889	-2.1355152	-1.2199879
STD_dev		0.2152861	0.21629763	1.51096452	1.29525695

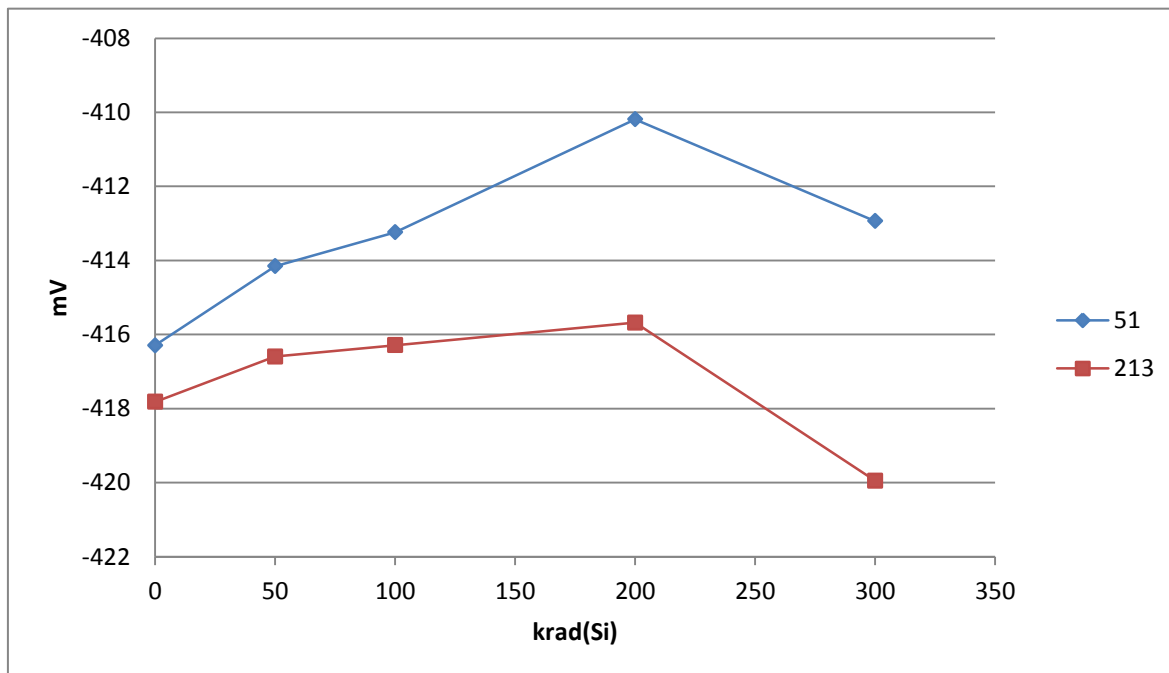


1537 NEGFS/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -444.99999 Limit_Max -375 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-416.29111	-414.15585	-413.24008	-410.1889	-412.93454
213	-417.81653	-416.59583	-416.29041	-415.67957	-419.95013
Average	-417.05382	-415.37584	-414.76524	-412.93423	-416.44234
MAX	-416.29111	-414.15585	-413.24008	-410.1889	-412.93454
MIN	-417.81653	-416.59583	-416.29041	-415.67957	-419.95013
STD_dev	1.07863563	1.72532069	2.15690442	3.88248407	4.96077443

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		2.13525391	3.05102539	6.10220337	3.35656738
213		1.22070313	1.52612305	2.13696289	-2.133606
Average		1.67797852	2.28857422	4.11958313	0.61148071
MAX		2.13525391	3.05102539	6.10220337	3.35656738
MIN		1.22070313	1.52612305	2.13696289	-2.133606
STD_dev		0.64668506	1.07826879	2.80384843	3.8821388



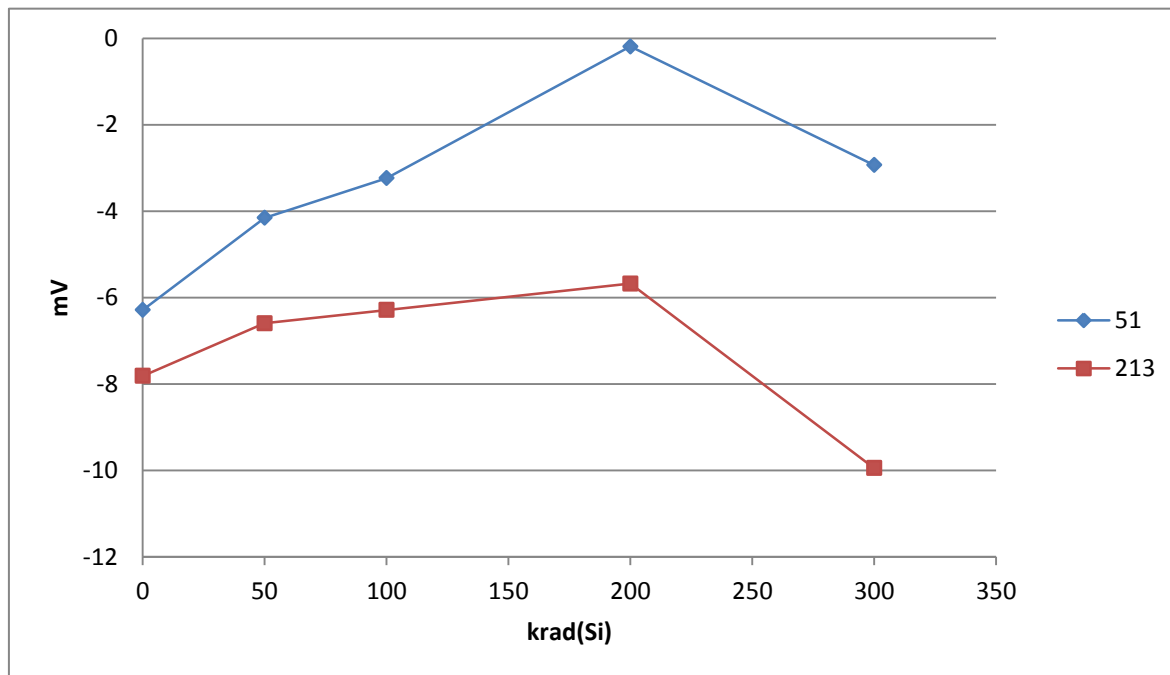


1538 NEGFSERR/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max 29.9999993 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-6.2911177	-4.1558409	-3.2400751	-0.1889133	-2.9345417
213	-7.8165197	-6.5958166	-6.2904024	-5.679574	-9.9501276
Average	-7.0538187	-5.3758287	-4.7652388	-2.9342437	-6.4423347
MAX	-6.2911177	-4.1558409	-3.2400751	-0.1889133	-2.9345417
MIN	-7.8165197	-6.5958166	-6.2904024	-5.679574	-9.9501276
STD_dev	1.07862215	1.72532339	2.15690712	3.88248339	4.96076836

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		2.13527679	3.05104256	6.10220432	3.35657597
213		1.22070313	1.52611733	2.13694572	-2.1336079
Average		1.67798996	2.28857994	4.11957502	0.61148405
MAX		2.13527679	3.05104256	6.10220432	3.35657597
MIN		1.22070313	1.52611733	2.13694572	-2.1336079
STD_dev		0.64670124	1.07828497	2.80386124	3.88214622

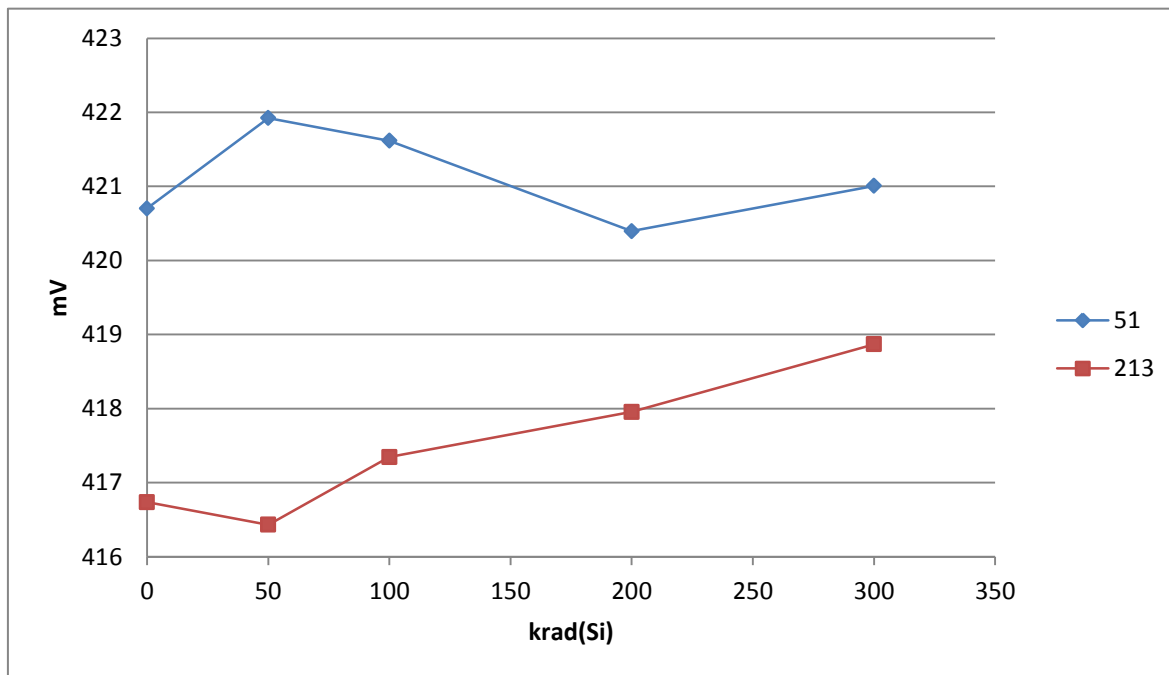


1545 POSFS/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 375 Limit_Max 444.999993 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	420.702087	421.922577	421.617035	420.396576	421.006805
213	416.736603	416.431061	417.345398	417.954315	418.867828
Average	418.719345	419.176819	419.481216	419.175446	419.937317
MAX	420.702087	421.922577	421.617035	420.396576	421.006805
MIN	416.736603	416.431061	417.345398	417.954315	418.867828
STD_dev	2.80402106	3.88308828	3.02050346	1.72693913	1.51248518

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		1.2204895	0.91494751	-0.3055115	0.30471802
213		-0.305542	0.60879517	1.2177124	2.13122559
Average		0.45747375	0.76187134	0.45610046	1.2179718
MAX		1.2204895	0.91494751	1.2177124	2.13122559
MIN		-0.305542	0.60879517	-0.3055115	0.30471802
STD_dev		1.07906722	0.2164824	1.07708193	1.29153589

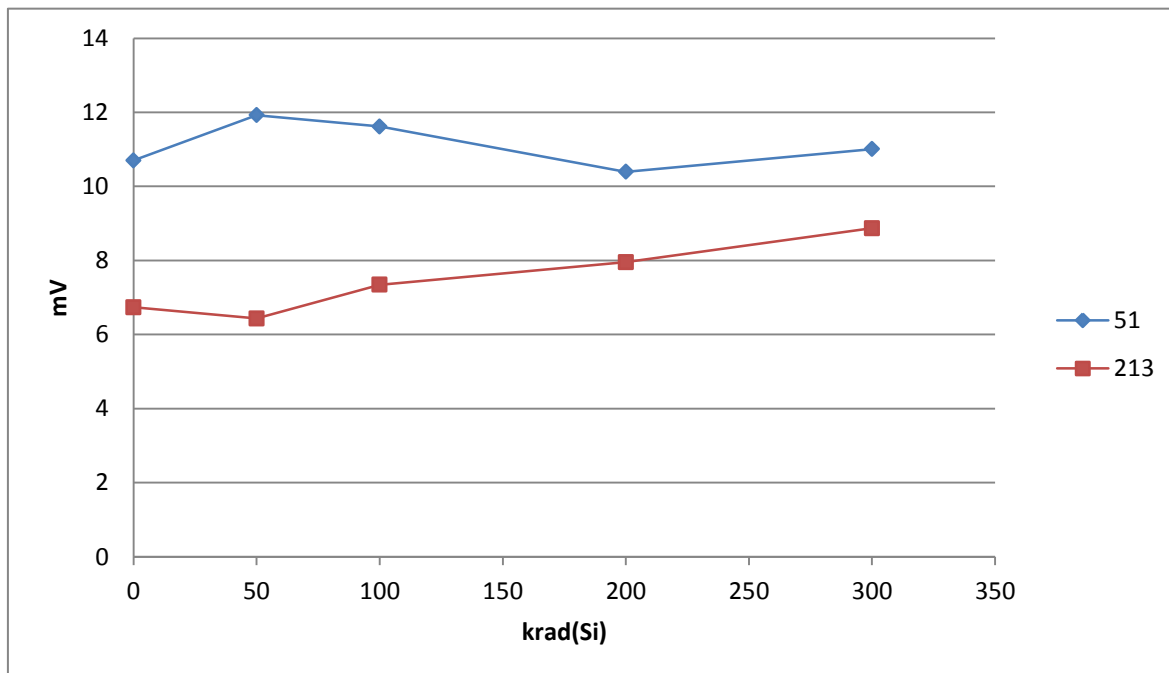


1546 POSFERR/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max 29.9999993 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	10.7020998	11.9225645	11.6170311	10.3965664	11.0067987
213	6.73660278	6.43106937	7.34540463	7.95432568	8.86782646
Average	8.71935129	9.17681694	9.48121786	9.17544603	9.9373126
MAX	10.7020998	11.9225645	11.6170311	10.3965664	11.0067987
MIN	6.73660278	6.43106937	7.34540463	7.95432568	8.86782646
STD_dev	2.80402983	3.88307345	3.02049605	1.72692497	1.51248181

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		1.22046471	0.9149313	-0.3055334	0.30469894
213		-0.3055334	0.60880184	1.21772289	2.13122368
Average		0.45746565	0.76186657	0.45609474	1.21796131
MAX		1.22046471	0.9149313	1.21772289	2.13122368
MIN		-0.3055334	0.60880184	-0.3055334	0.30469894
STD_dev		1.07904362	0.21646621	1.07710486	1.29154803

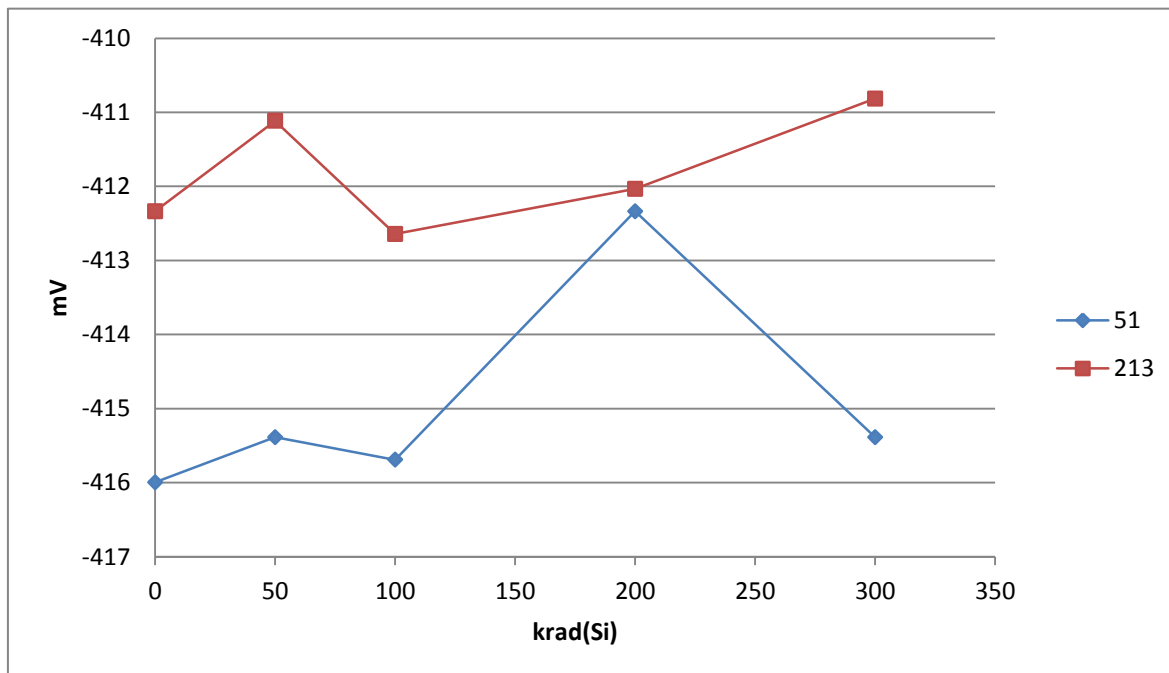


1547 NEGFS/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -444.99999 Limit_Max -375 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-415.99594	-415.38571	-415.69113	-412.33624	-415.38669
213	-412.33539	-411.11636	-412.642	-412.03391	-410.81549
Average	-414.16566	-413.25104	-414.16656	-412.18507	-413.10109
MAX	-412.33539	-411.11636	-412.642	-412.03391	-410.81549
MIN	-415.99594	-415.38571	-415.69113	-412.33624	-415.38669
STD_dev	2.58840183	3.01888502	2.15606283	0.213785	3.23232476

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.61022949	0.30480957	3.65969849	0.60925293
213		1.21902466	-0.3066101	0.30148315	1.51989746
Average		0.91462708	-0.0009003	1.98059082	1.0645752
MAX		1.21902466	0.30480957	3.65969849	1.51989746
MIN		0.61022949	-0.3066101	0.30148315	0.60925293
STD_dev		0.43048319	0.432339	2.37461683	0.64392292

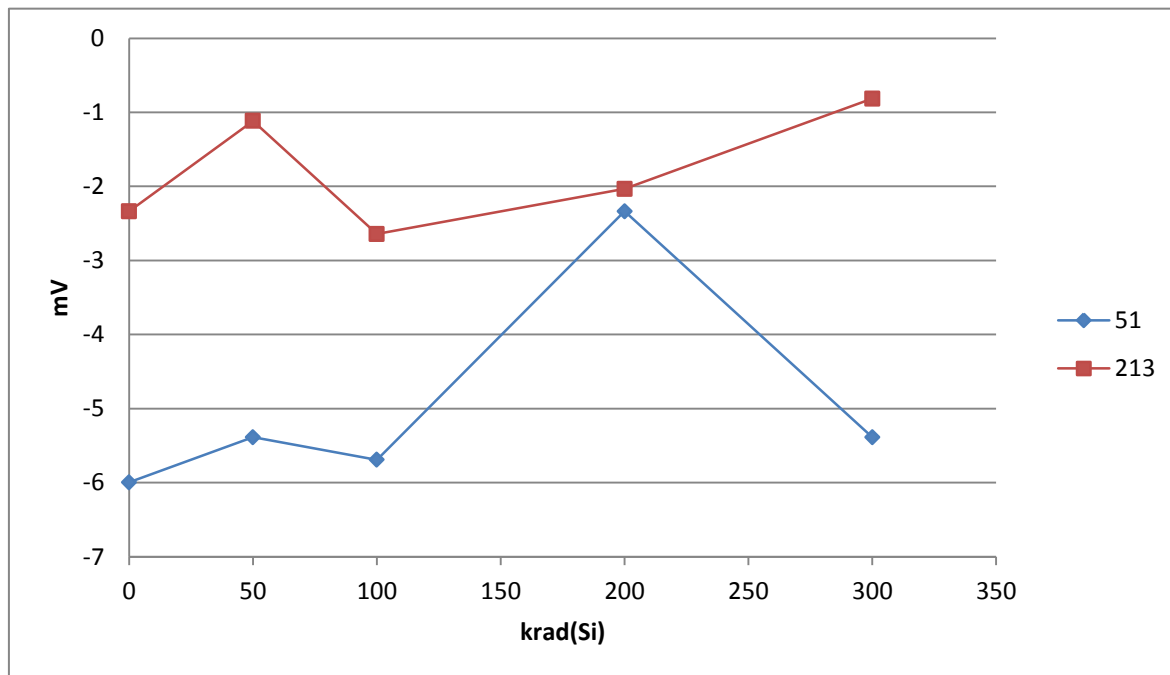


1548 NEGFSERR/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max 29.9999993 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-5.9959555	-5.3857231	-5.6911373	-2.3362303	-5.3866768
213	-2.3353958	-1.1163616	-2.6420021	-2.0339155	-0.8154774
Average	-4.1656756	-3.2510424	-4.1665697	-2.1850729	-3.1010771
MAX	-2.3353958	-1.1163616	-2.6420021	-2.0339155	-0.8154774
MIN	-5.9959555	-5.3857231	-5.6911373	-2.3362303	-5.3866768
STD_dev	2.58840655	3.01889447	2.15606418	0.21376882	3.23232611

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.61023235	0.30481815	3.65972519	0.60927868
213		1.2190342	-0.3066063	0.30148029	1.51991844
Average		0.91463327	-0.0008941	1.98060274	1.06459856
MAX		1.2190342	0.30481815	3.65972519	1.51991844
MIN		0.61023235	-0.3066063	0.30148029	0.60927868
STD_dev		0.43048791	0.43234237	2.37463774	0.64391955

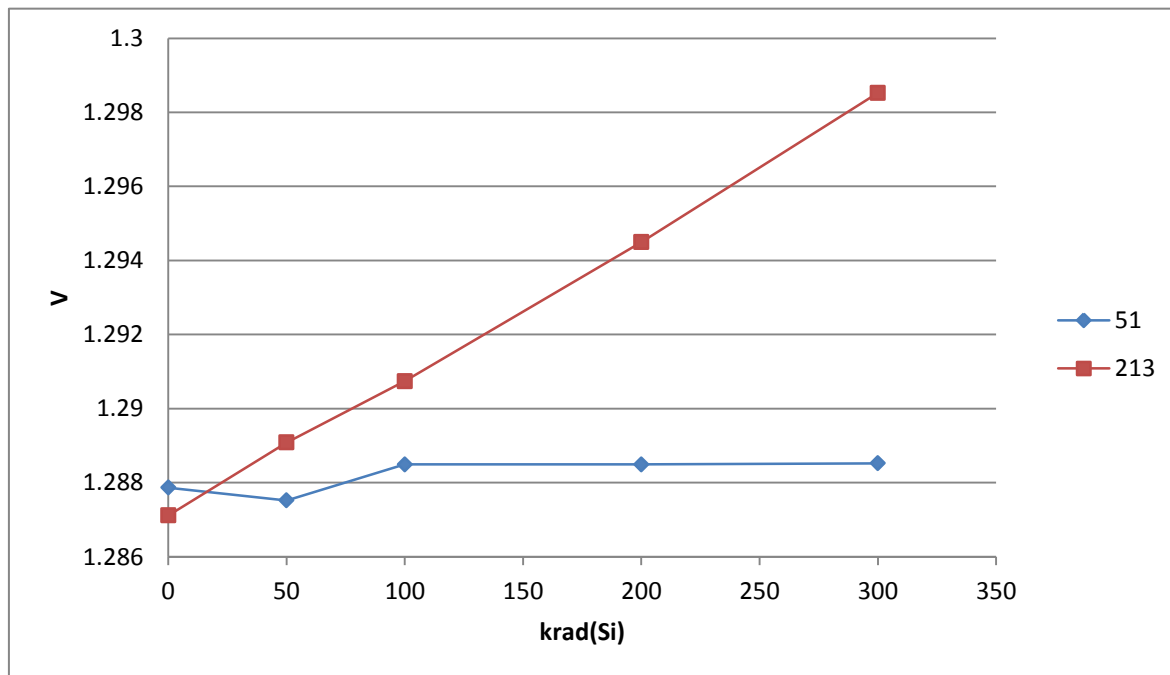


1560 VBG+100UA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 1.14999998 Limit_Max 1.35000002 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.28786552	1.28752172	1.28849065	1.28849065	1.28852189
213	1.28711534	1.28908455	1.29074109	1.29449189	1.29852402
Average	1.28749043	1.28830314	1.28961587	1.29149127	1.29352295
MAX	1.28786552	1.28908455	1.29074109	1.29449189	1.29852402
MIN	1.28711534	1.28752172	1.28849065	1.28849065	1.28852189
STD_dev	0.00053046	0.00110509	0.0015913	0.00424351	0.00707258

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0003438	0.00062513	0.00062513	0.00065637
213		0.00196922	0.00362575	0.00737655	0.01140869
Average		0.00081271	0.00212544	0.00400084	0.00603253
MAX		0.00196922	0.00362575	0.00737655	0.01140869
MIN		-0.0003438	0.00062513	0.00062513	0.00065637
STD_dev		0.00163555	0.00212176	0.00477397	0.00760304

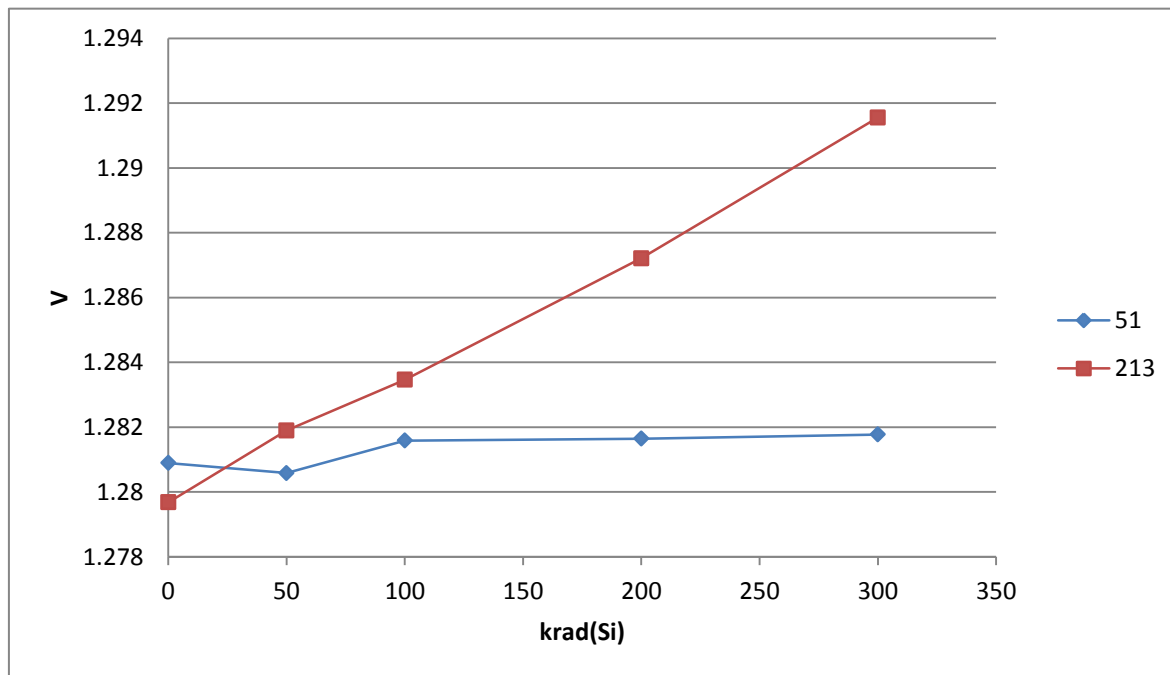


1561 VBG-100UA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 1.14999998 Limit_Max 1.35000002 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.28089523	1.28058267	1.28158283	1.28164542	1.28177035
213	1.2796762	1.2818954	1.28345823	1.28720915	1.29155386
Average	1.28028572	1.28123903	1.28252053	1.28442729	1.2866621
MAX	1.28089523	1.2818954	1.28345823	1.28720915	1.29155386
MIN	1.2796762	1.28058267	1.28158283	1.28164542	1.28177035
STD_dev	0.00086199	0.00092824	0.00132611	0.00393416	0.00691798

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0003126	0.0006876	0.00075018	0.00087512
213		0.0022192	0.00378203	0.00753295	0.01187766
Average		0.00095332	0.00223482	0.00414157	0.00637639
MAX		0.0022192	0.00378203	0.00753295	0.01187766
MIN		-0.0003126	0.0006876	0.00075018	0.00087512
STD_dev		0.00179023	0.0021881	0.00479614	0.00777997

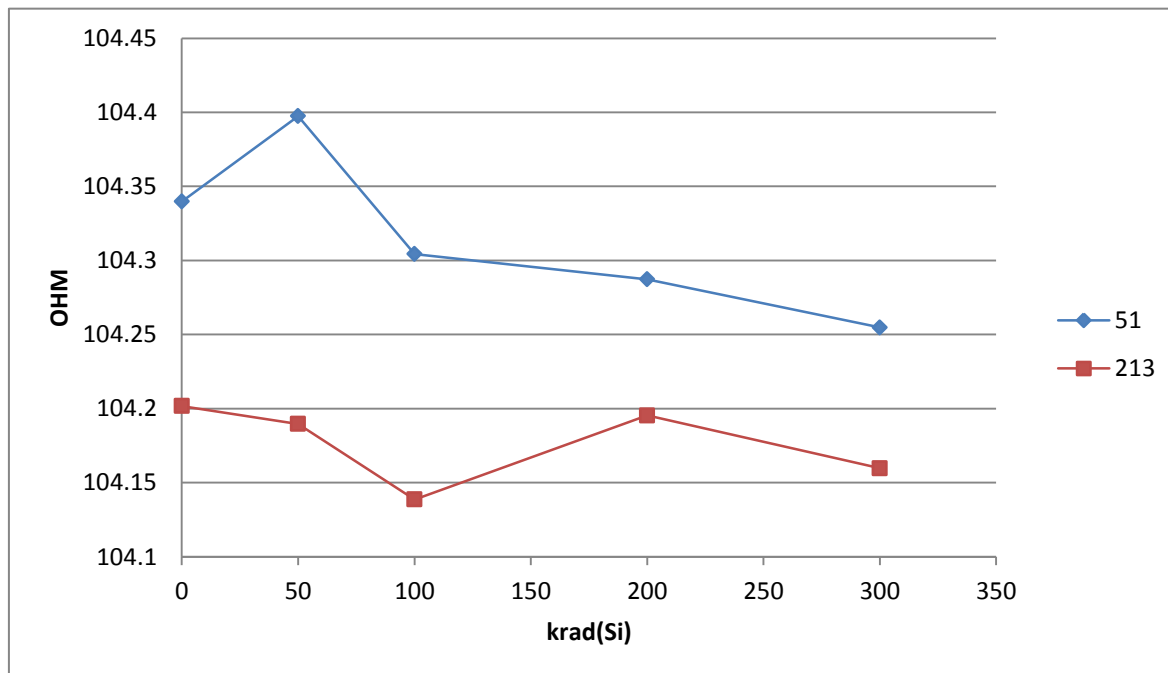


1575 RIN/I/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 100 Limit_Max 108 OHM

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	104.339806	104.397499	104.304352	104.2873	104.254814
213	104.201721	104.189613	104.138687	104.195396	104.159691
Average	104.270763	104.293556	104.221519	104.241348	104.207253
MAX	104.339806	104.397499	104.304352	104.2873	104.254814
MIN	104.201721	104.189613	104.138687	104.195396	104.159691
STD_dev	0.09764042	0.14699742	0.11714261	0.06498572	0.06726232

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.05769348	-0.0354538	-0.0525055	-0.0849915
213		-0.0121078	-0.0630341	-0.0063248	-0.0420303
Average		0.02279282	-0.0492439	-0.0294151	-0.0635109
MAX		0.05769348	-0.0354538	-0.0063248	-0.0420303
MIN		-0.0121078	-0.0630341	-0.0525055	-0.0849915
STD_dev		0.04935699	0.01950219	0.0326547	0.0303781

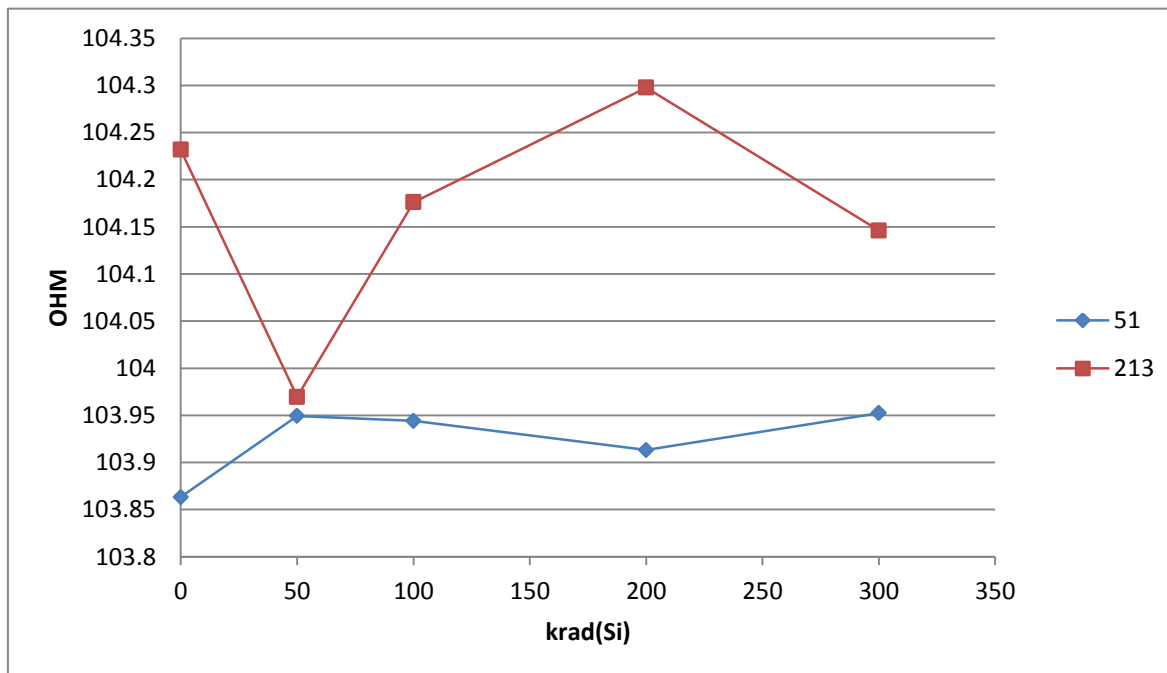


1576 RIN/Q/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 100 Limit_Max 108 OHM

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	103.863319	103.949341	103.944038	103.913208	103.952332
213	104.231842	103.969521	104.176056	104.297699	104.146057
Average	104.047581	103.959431	104.060047	104.105453	104.049194
MAX	104.231842	103.969521	104.176056	104.297699	104.146057
MIN	103.863319	103.949341	103.944038	103.913208	103.952332
STD_dev	0.26058486	0.01426924	0.16406116	0.27187617	0.13698468

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.08602142	0.08071899	0.04988861	0.08901215
213		-0.2623215	-0.0557861	0.06585693	-0.0857849
Average		-0.08815	0.01246643	0.05787277	0.00161362
MAX		0.08602142	0.08071899	0.06585693	0.08901215
MIN		-0.2623215	-0.0557861	0.04988861	-0.0857849
STD_dev		0.24631562	0.0965237	0.01129131	0.12360019



1720 IIH_FSR/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

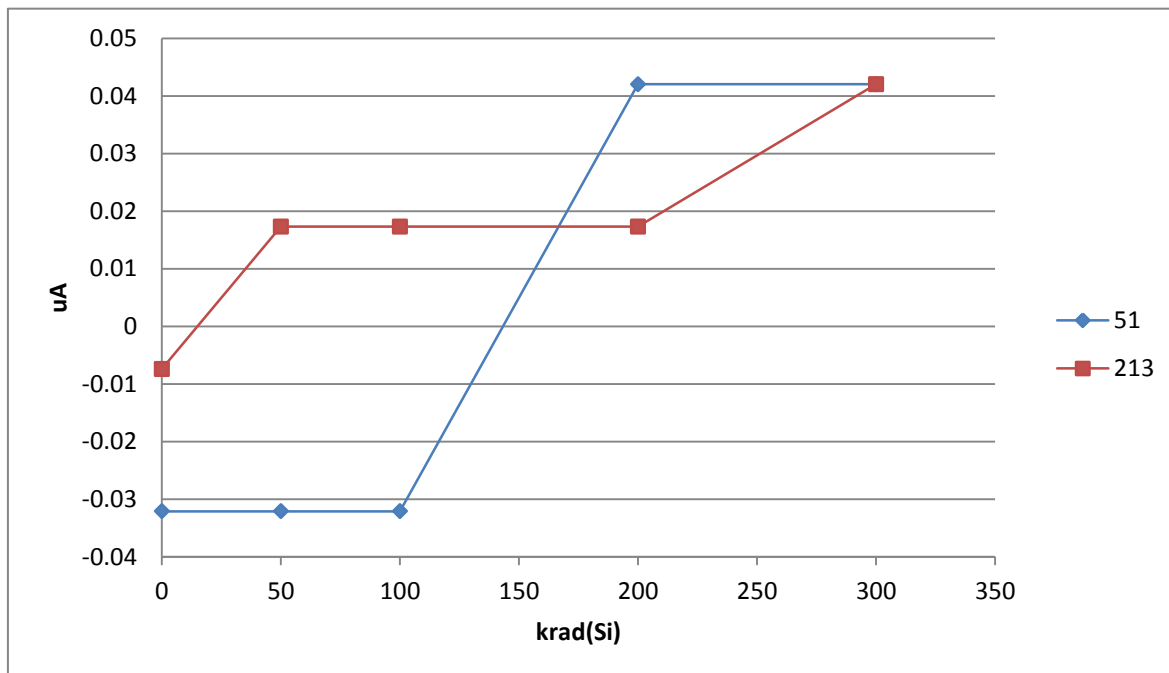
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0321206	-0.0321206	-0.0321206	0.04200381	0.04200381
213	-0.0074124	0.01729568	0.01729568	0.01729568	0.04200381
Average	-0.0197665	-0.0074124	-0.0074124	0.02964974	0.04200381
MAX	-0.0074124	0.01729568	0.01729568	0.04200381	0.04200381
MIN	-0.0321206	-0.0321206	-0.0321206	0.01729568	0.04200381
STD_dev	0.01747129	0.03494257	0.03494257	0.01747129	0

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0	0	0.07412439	0.07412439
213		0.02470811	0.02470811	0.02470811	0.04941625
Average		0.01235406	0.01235406	0.04941625	0.06177032
MAX		0.02470811	0.02470811	0.07412439	0.07412439
MIN		0	0	0.02470811	0.04941625
STD_dev		0.01747127	0.01747127	0.03494258	0.01747129



1721 IIH_LSPSM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

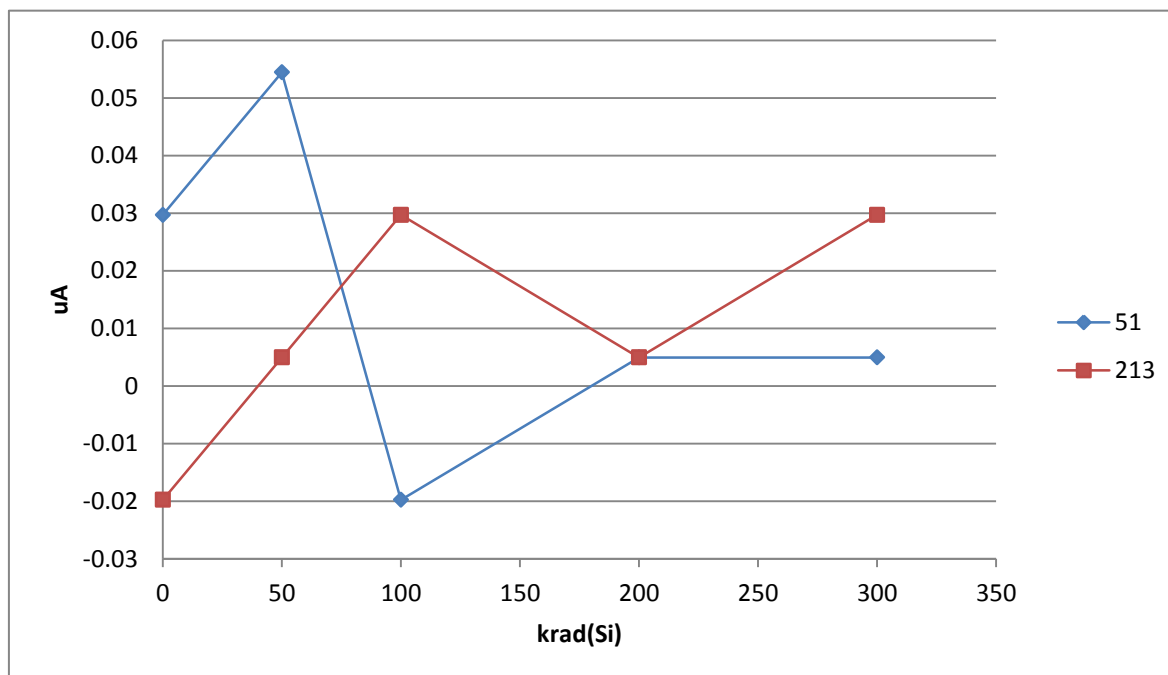
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.02968918	0.05443014	-0.0197928	0.0049482	0.0049482
213	-0.0197928	0.0049482	0.02968918	0.0049482	0.02968918
Average	0.00494821	0.02968917	0.00494821	0.0049482	0.01731869
MAX	0.02968918	0.05443014	0.02968918	0.0049482	0.02968918
MIN	-0.0197928	0.0049482	-0.0197928	0.0049482	0.0049482
STD_dev	0.03498902	0.03498901	0.03498902	0	0.01749452

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02474095	-0.0494819	-0.024741	-0.024741
213		0.02474096	0.04948194	0.02474096	0.04948194
Average		0.02474096	0	-1.397E-08	0.01237048
MAX		0.02474096	0.04948194	0.02474096	0.04948194
MIN		0.02474095	-0.0494819	-0.024741	-0.024741
STD_dev		7.2832E-10	0.06997803	0.03498902	0.05248353



1722 IIH_CAL/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

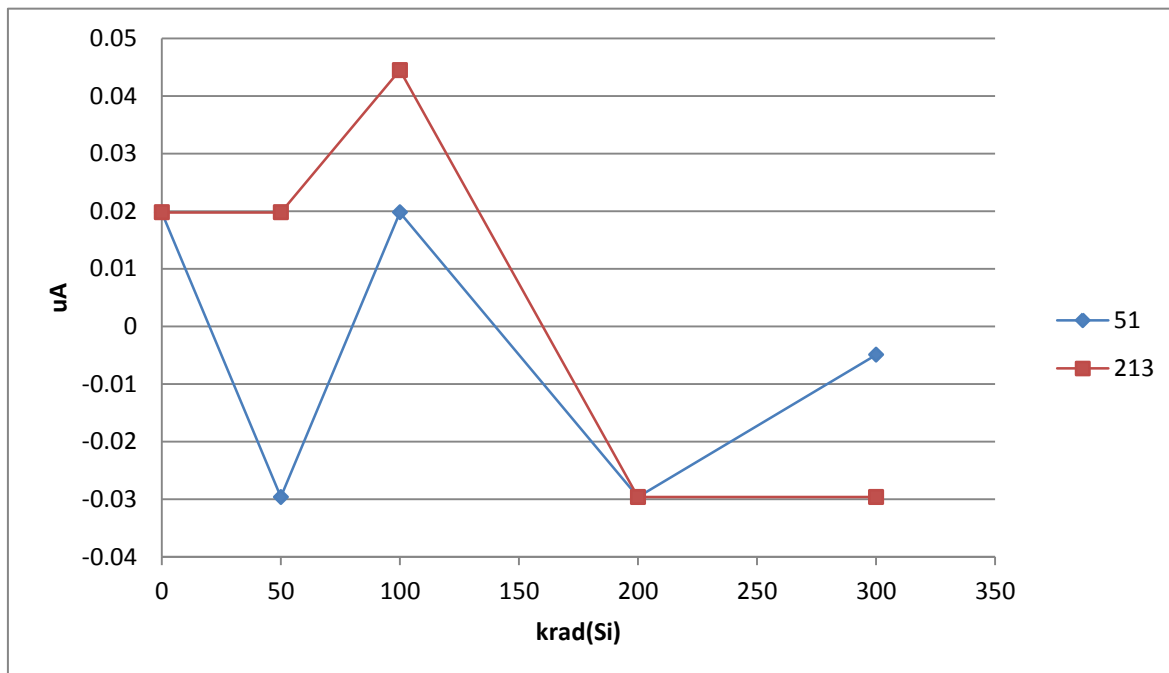
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.01976004	-0.0296401	0.01976004	-0.0296401	-0.00494
213	0.01976004	0.01976004	0.04446007	-0.0296401	-0.0296401
Average	0.01976004	-0.00494	0.03211006	-0.0296401	-0.01729
MAX	0.01976004	0.01976004	0.04446007	-0.0296401	-0.00494
MIN	0.01976004	-0.0296401	0.01976004	-0.0296401	-0.0296401
STD_dev	0	0.03493114	0.01746556	0	0.01746556

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0494001	0	-0.0494001	-0.0247001
213		0	0.02470003	-0.0494001	-0.0494001
Average		-0.0247	0.01235002	-0.0494001	-0.0370501
MAX		0	0.02470003	-0.0494001	-0.0247001
MIN		-0.0494001	0	-0.0494001	-0.0494001
STD_dev		0.03493114	0.01746556	0	0.01746556



1723 IIH_NDM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

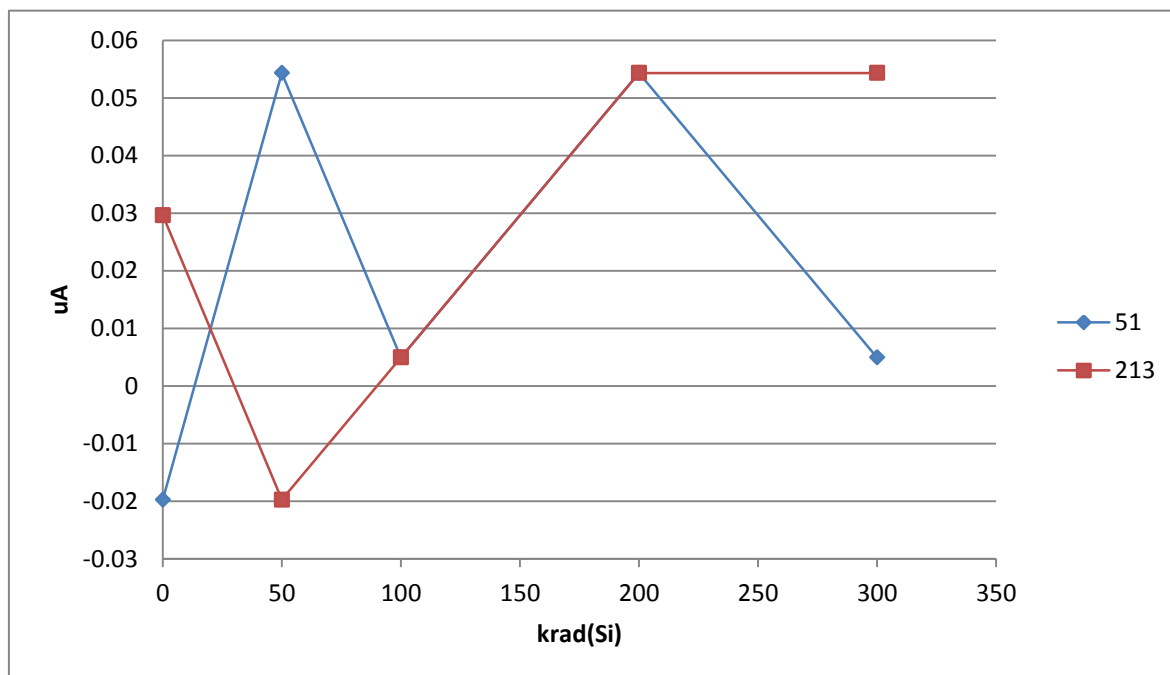
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0197516	0.05431712	0.00493791	0.05431712	0.00493791
213	0.02962757	-0.0197516	0.00493791	0.05431712	0.05431712
Average	0.00493797	0.01728274	0.00493791	0.05431712	0.02962752
MAX	0.02962757	0.05431712	0.00493791	0.05431712	0.05431712
MIN	-0.0197516	-0.0197516	0.00493791	0.05431712	0.00493791
STD_dev	0.03491638	0.05237452	0	0	0.03491638

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.07406876	0.02468955	0.07406876	0.02468955
213		-0.0493792	-0.0246897	0.02468955	0.02468955
Average		0.01234477	-5.819E-08	0.04937916	0.02468955
MAX		0.07406876	0.02468955	0.07406876	0.02468955
MIN		-0.0493792	-0.0246897	0.02468955	0.02468955
STD_dev		0.0872909	0.03491638	0.03491638	9.8288E-10



1724 IIH_TPM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

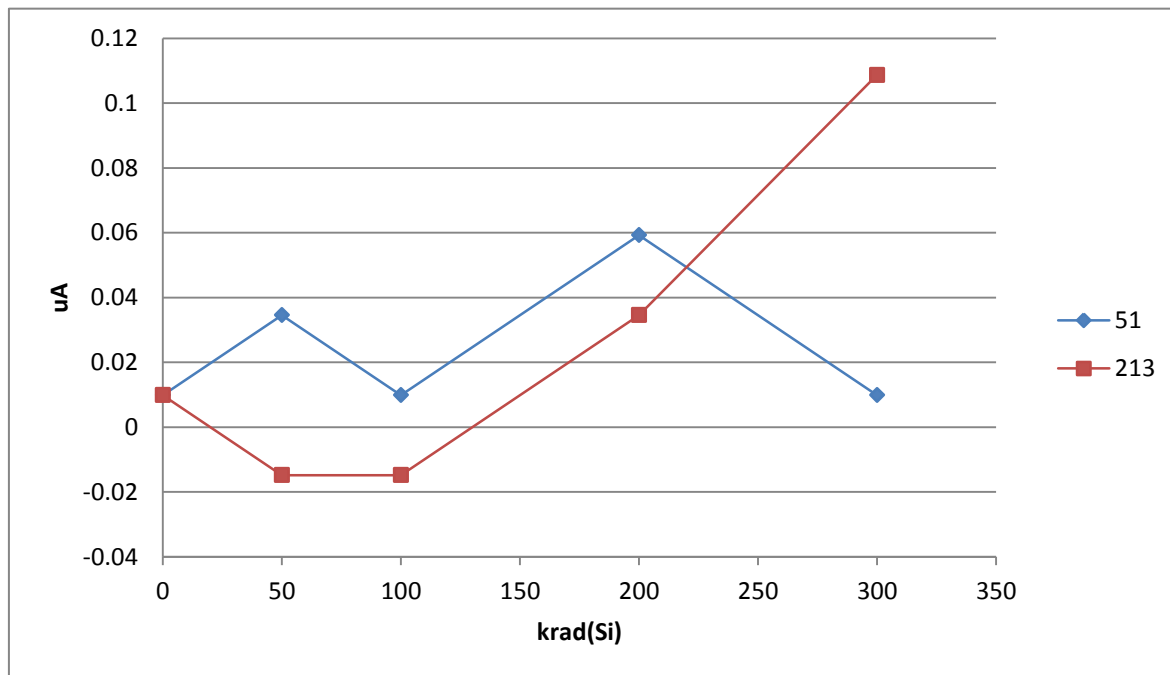
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.00987745	0.034571	0.00987745	0.05926455	0.00987745
213	0.00987745	-0.0148161	-0.0148161	0.034571	0.10865159
Average	0.00987745	0.00987745	-0.0024693	0.04691777	0.05926452
MAX	0.00987745	0.034571	0.00987745	0.05926455	0.10865159
MIN	0.00987745	-0.0148161	-0.0148161	0.034571	0.00987745
STD_dev	0	0.03492195	0.01746098	0.01746098	0.06984387

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02469355	0	0.0493871	0
213		-0.0246936	-0.0246936	0.02469355	0.09877415
Average		-4.6E-10	-0.0123468	0.03704033	0.04938707
MAX		0.02469355	0	0.0493871	0.09877415
MIN		-0.0246936	-0.0246936	0.02469355	0
STD_dev		0.03492195	0.01746098	0.01746098	0.06984387



1725 IIH_DDRPH/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

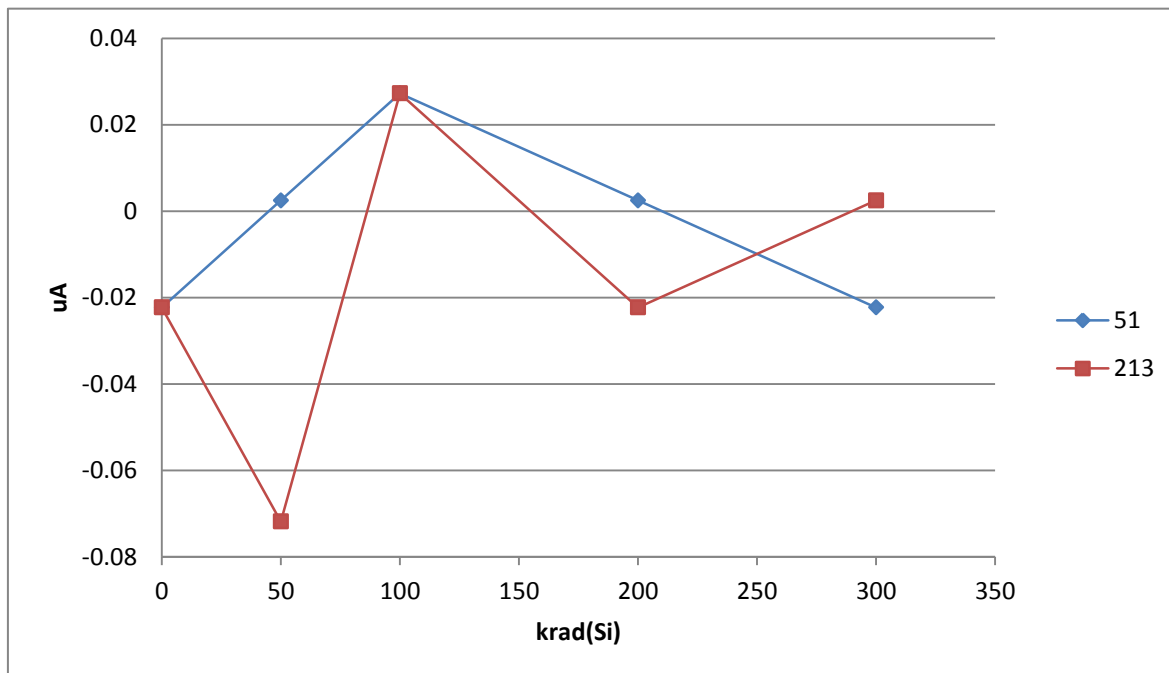
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0223018	0.00247798	0.02725774	0.00247798	-0.0223018
213	-0.0223018	-0.0718613	0.02725774	-0.0223018	0.00247798
Average	-0.0223018	-0.0346917	0.02725774	-0.0099119	-0.0099119
MAX	-0.0223018	0.00247798	0.02725774	0.00247798	0.00247798
MIN	-0.0223018	-0.0718613	0.02725774	-0.0223018	-0.0223018
STD_dev	0	0.05256583	0	0.01752194	0.01752194

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02477976	0.04955952	0.02477976	0
213		-0.0495596	0.04955952	0	0.02477976
Average		-0.0123899	0.04955952	0.01238988	0.01238988
MAX		0.02477976	0.04955952	0.02477976	0.02477976
MIN		-0.0495596	0.04955952	0	0
STD_dev		0.05256583	0	0.01752194	0.01752194



1726 IIH_DES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

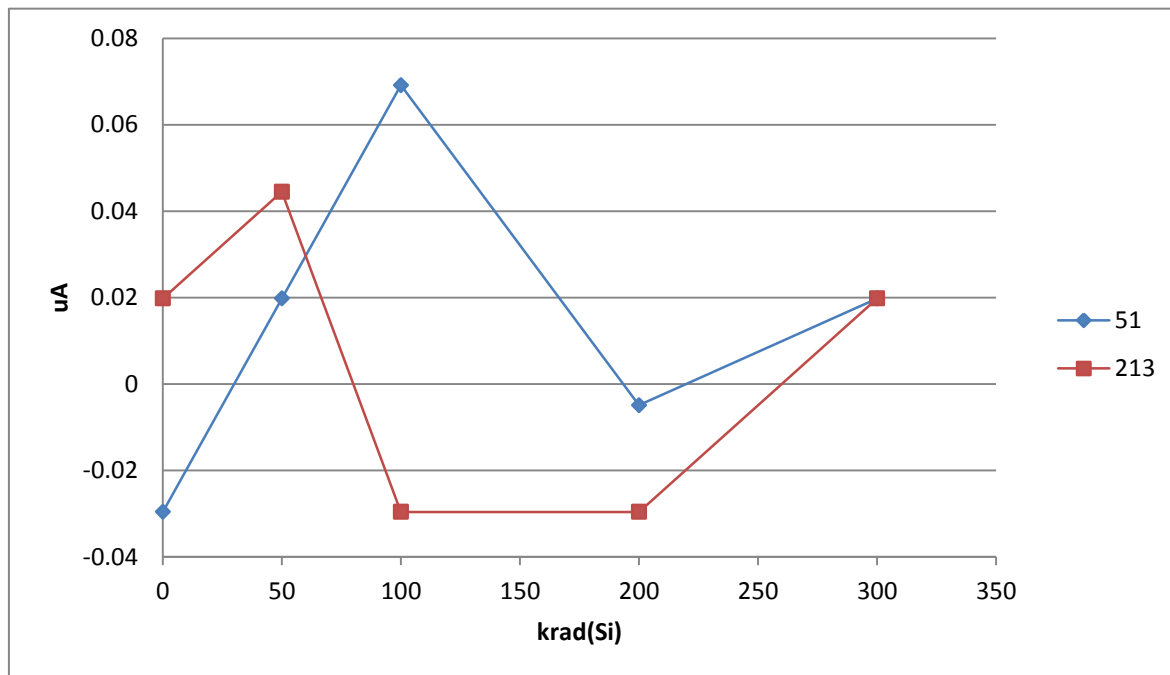
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0296356	0.01975705	0.0691497	-0.0049393	0.01975705
213	0.01975705	0.04445339	-0.0296356	-0.0296356	0.01975705
Average	-0.0049393	0.03210522	0.01975706	-0.0172874	0.01975705
MAX	0.01975705	0.04445339	0.0691497	-0.0049393	0.01975705
MIN	-0.0296356	0.01975705	-0.0296356	-0.0296356	0.01975705
STD_dev	0.03492586	0.01746295	0.06985175	0.01746293	0

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.04939263	0.09878529	0.02469632	0.04939263
213		0.02469634	-0.0493926	-0.0493926	0
Average		0.03704449	0.02469633	-0.0123482	0.02469632
MAX		0.04939263	0.09878529	0.02469632	0.04939263
MIN		0.02469634	-0.0493926	-0.0493926	0
STD_dev		0.01746291	0.10477761	0.0523888	0.03492586



1727 IIH_SCSB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

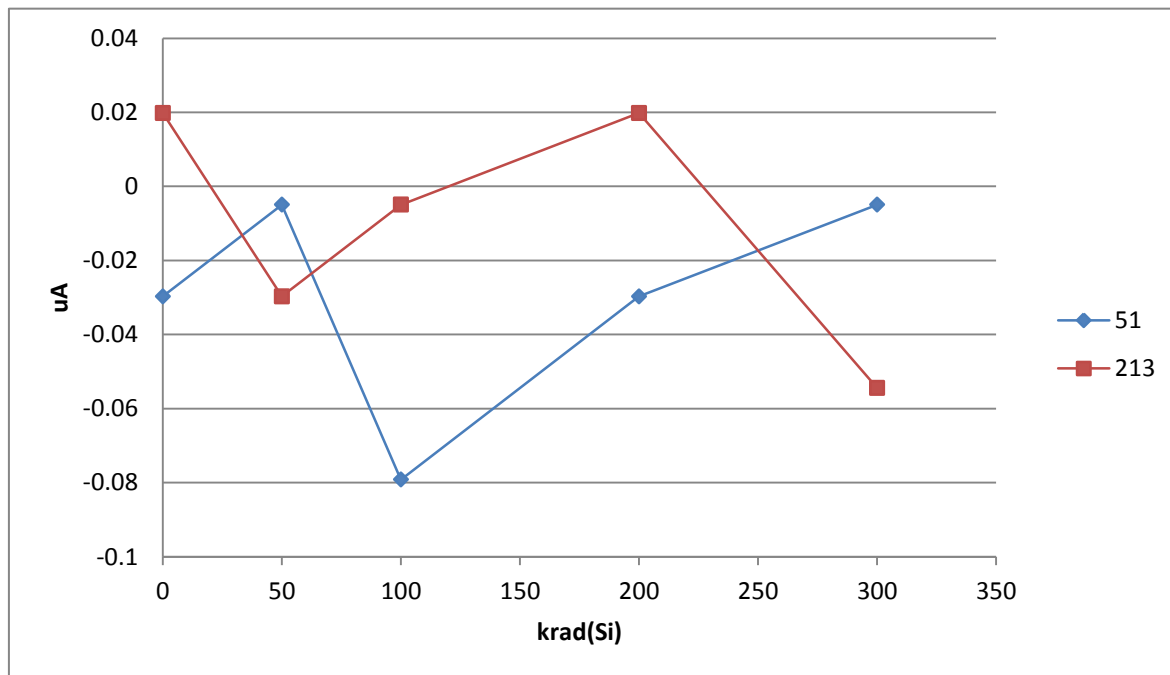
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0296914	-0.0049486	-0.0791771	-0.0296914	-0.0049486
213	0.01979428	-0.0296914	-0.0049486	0.01979428	-0.0544342
Average	-0.0049486	-0.01732	-0.0420628	-0.0049486	-0.0296914
MAX	0.01979428	-0.0049486	-0.0049486	0.01979428	-0.0049486
MIN	-0.0296914	-0.0296914	-0.0791771	-0.0296914	-0.0544342
STD_dev	0.03499167	0.01749584	0.05248747	0.03499167	0.03499163

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02474285	-0.0494856	0	0.02474285
213		-0.0494857	-0.0247428	0	-0.0742285
Average		-0.0123714	-0.0371142	0	-0.0247428
MAX		0.02474285	-0.0247428	0	0.02474285
MIN		-0.0494857	-0.0494856	0	-0.0742285
STD_dev		0.05248751	0.0174958	0	0.06998331

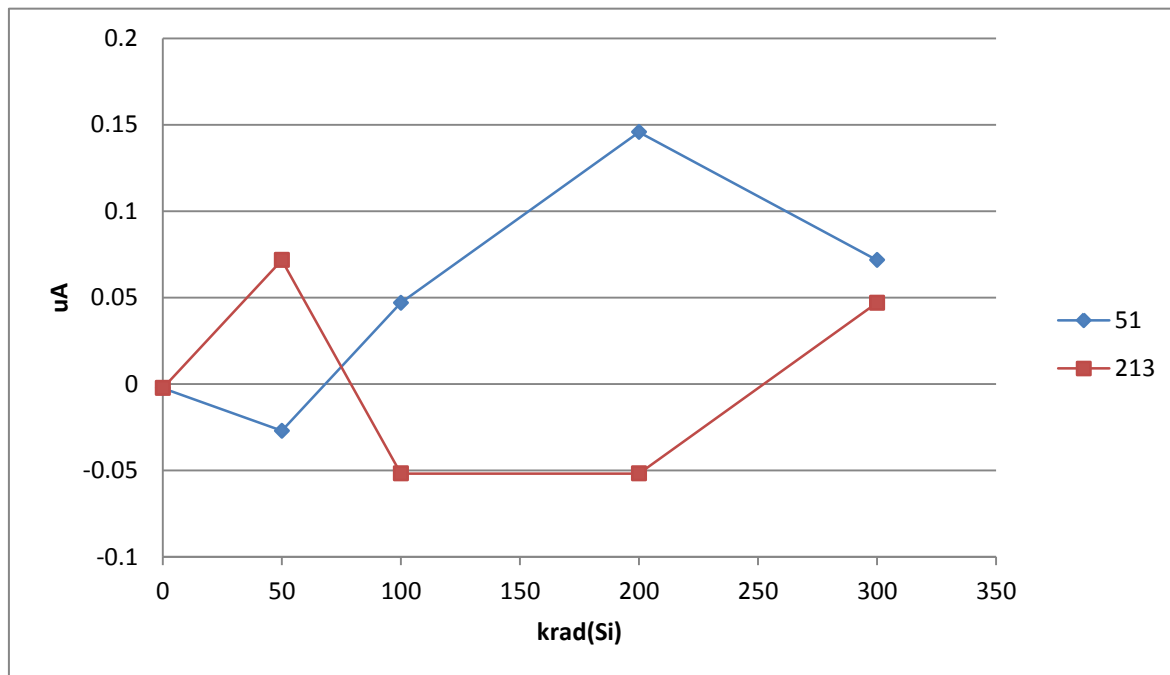


1728 IIH_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -1 Limit_Max 1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0024696	-0.0271653	0.04692195	0.14570501	0.07161772
213	-0.0024696	0.07161772	-0.0518611	-0.0518611	0.04692195
Average	-0.0024696	0.02222619	-0.0024696	0.04692195	0.05926984
MAX	-0.0024696	0.07161772	0.04692195	0.14570501	0.07161772
MIN	-0.0024696	-0.0271653	-0.0518611	-0.0518611	0.04692195
STD_dev	0	0.06985018	0.06985018	0.13970035	0.01746255

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0246958	0.04939153	0.14817459	0.0740873
213		0.0740873	-0.0493915	-0.0493915	0.04939153
Average		0.02469577	-4.43E-09	0.04939153	0.06173942
MAX		0.0740873	0.04939153	0.14817459	0.0740873
MIN		-0.0246958	-0.0493915	-0.0493915	0.04939153
STD_dev		0.06985018	0.06985018	0.13970035	0.01746255



1729 IIH_SDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

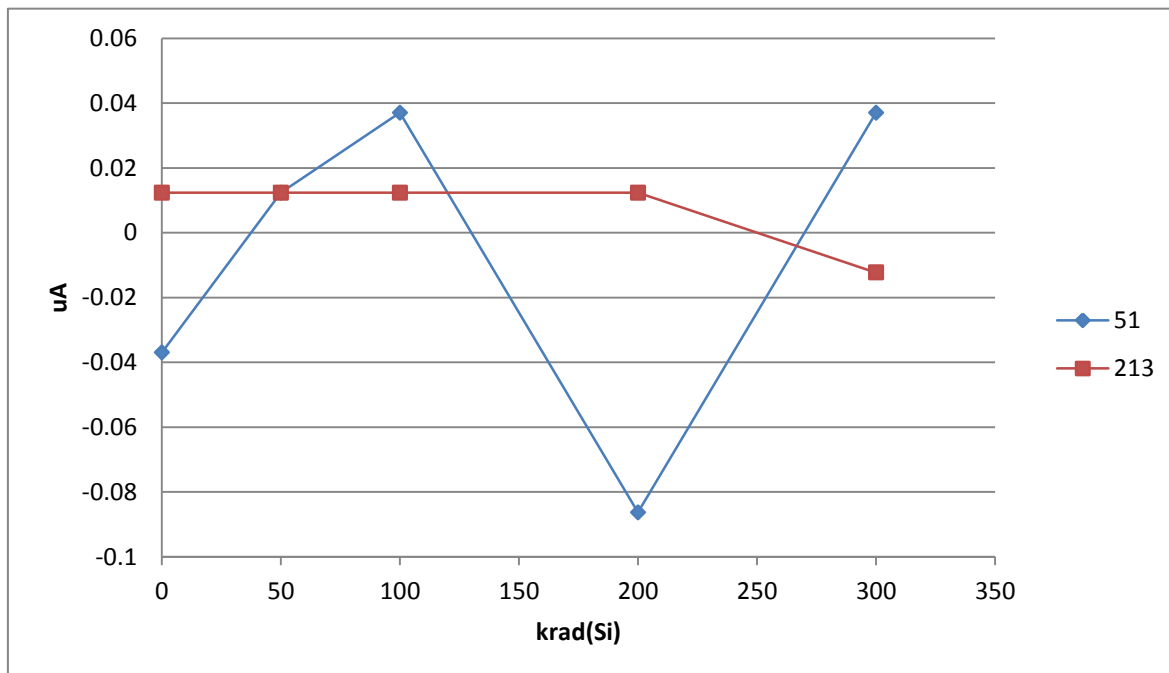
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0369973	0.01233243	0.03699729	-0.086327	0.03699729
213	0.01233243	0.01233243	0.01233243	0.01233243	-0.0123324
Average	-0.0123324	0.01233243	0.02466486	-0.0369973	0.01233243
MAX	0.01233243	0.01233243	0.03699729	0.01233243	0.03699729
MIN	-0.0369973	0.01233243	0.01233243	-0.086327	-0.0123324
STD_dev	0.0348814	0	0.01744069	0.06976278	0.03488138

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.04932975	0.07399461	-0.0493297	0.07399461
213		0	0	0	-0.0246649
Average		0.02466488	0.03699731	-0.0246649	0.02466488
MAX		0.04932975	0.07399461	0	0.07399461
MIN		0	0	-0.0493297	-0.0246649
STD_dev		0.0348814	0.05232209	0.03488137	0.06976278



1730 IIH_LOWPOW/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

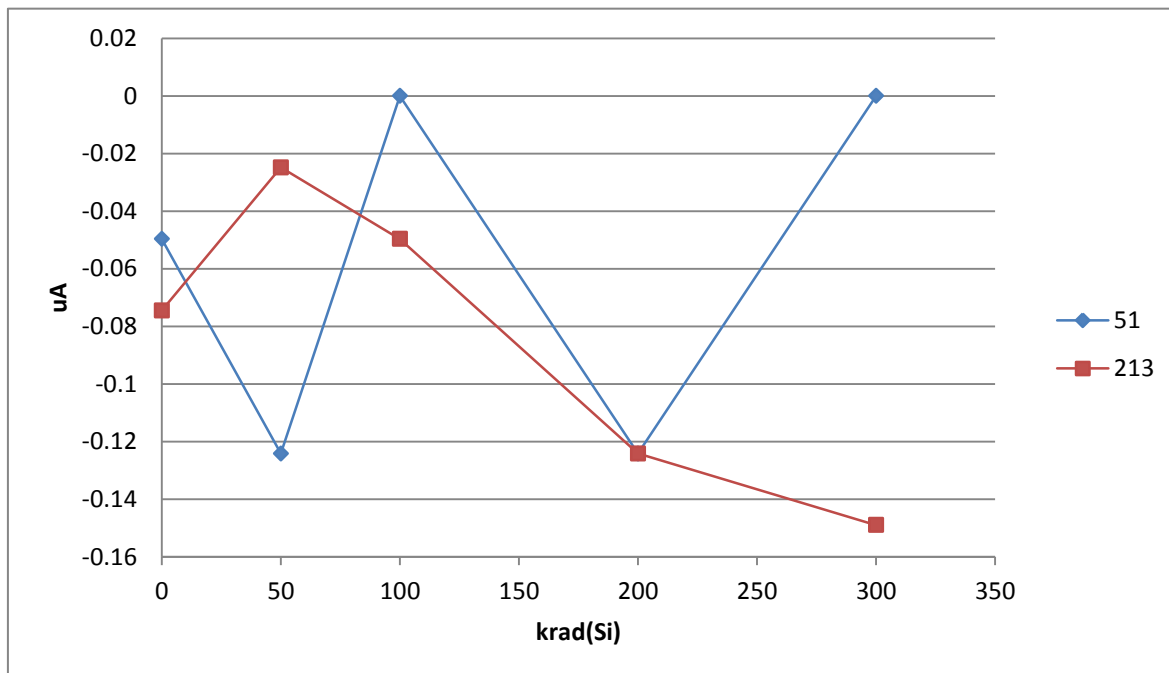
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0496655	-0.1241637	1.849E-08	-0.1241637	1.849E-08
213	-0.0744982	-0.0248327	-0.0496655	-0.1241637	-0.1489965
Average	-0.0620819	-0.0744982	-0.0248327	-0.1241637	-0.0744982
MAX	-0.0496655	-0.0248327	1.849E-08	-0.1241637	1.849E-08
MIN	-0.0744982	-0.1241637	-0.0496655	-0.1241637	-0.1489965
STD_dev	0.01755938	0.07023762	0.03511884	0	0.10535642

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0744982	0.04966553	-0.0744982	0.04966553
213		0.04966547	0.02483271	-0.0496655	-0.0744982
Average		-0.0124164	0.03724912	-0.0620819	-0.0124164
MAX		0.04966547	0.04966553	-0.0496655	0.04966553
MIN		-0.0744982	0.02483271	-0.0744982	-0.0744982
STD_dev		0.0877797	0.01755946	0.01755938	0.08779704



1731 IIH_PDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

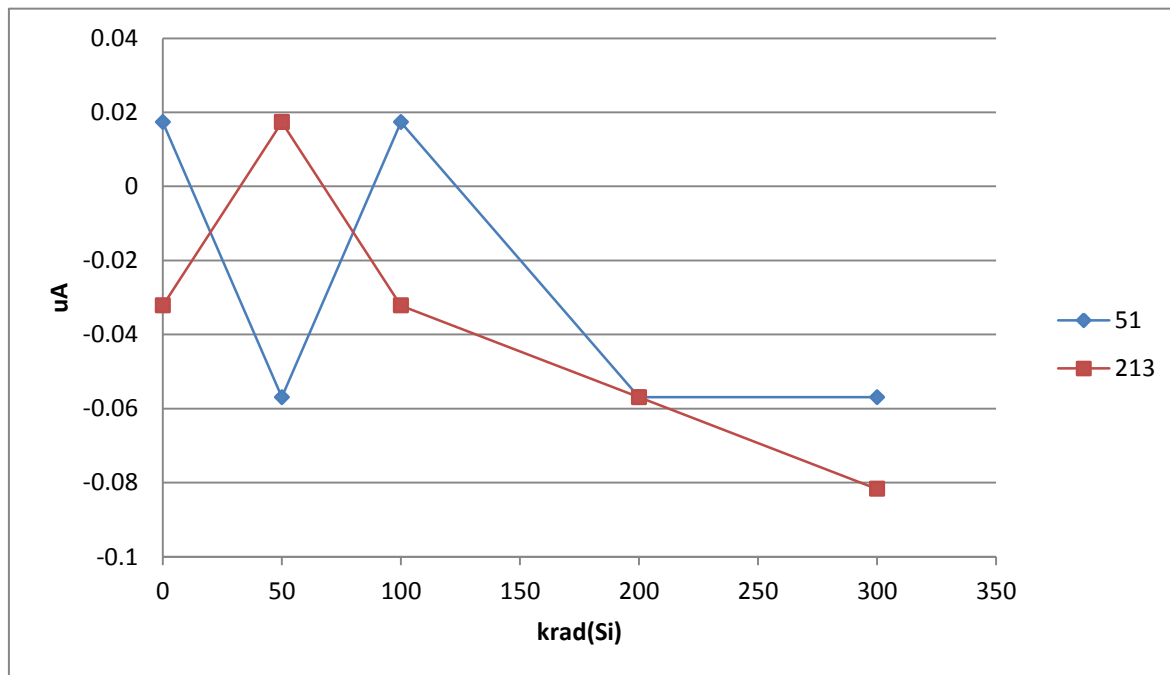
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.01732976	-0.0569407	0.01732976	-0.0569407	-0.0569407
213	-0.0321839	0.01732976	-0.0321839	-0.0569407	-0.0816975
Average	-0.0074271	-0.0198055	-0.0074271	-0.0569407	-0.0693191
MAX	0.01732976	0.01732976	0.01732976	-0.0569407	-0.0569407
MIN	-0.0321839	-0.0569407	-0.0321839	-0.0569407	-0.0816975
STD_dev	0.03501143	0.05251714	0.03501143	0	0.01750573

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0742704	0	-0.0742704	-0.0742704
213		0.04951364	0	-0.0247568	-0.0495136
Average		-0.0123784	0	-0.0495136	-0.061892
MAX		0.04951364	0	-0.0247568	-0.0495136
MIN		-0.0742704	0	-0.0742704	-0.0742704
STD_dev		0.08752857	0	0.03501143	0.0175057



1732 IIH_PDQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

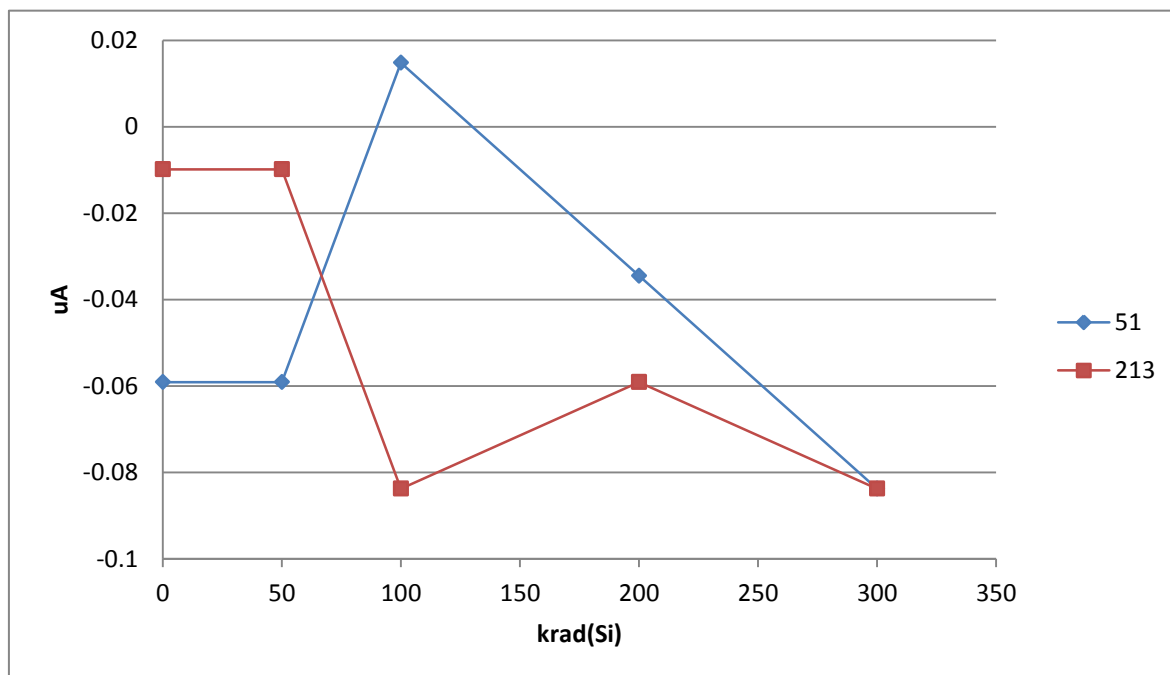
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0591304	-0.0591304	0.0147826	-0.0344927	-0.083768
213	-0.0098551	-0.0098551	-0.083768	-0.0591304	-0.083768
Average	-0.0344927	-0.0344927	-0.0344927	-0.0468115	-0.083768
MAX	-0.0098551	-0.0098551	0.0147826	-0.0344927	-0.083768
MIN	-0.0591304	-0.0591304	-0.083768	-0.0591304	-0.083768
STD_dev	0.0348429	0.0348429	0.06968581	0.01742145	0

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0	0.07391296	0.02463765	-0.0246377
213		0	-0.073913	-0.0492753	-0.073913
Average		0	-1.395E-09	-0.0123188	-0.0492753
MAX		0	0.07391296	0.02463765	-0.0246377
MIN		0	-0.073913	-0.0492753	-0.073913
STD_dev		0	0.10452872	0.05226435	0.0348429



1733 IIH_ECEB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

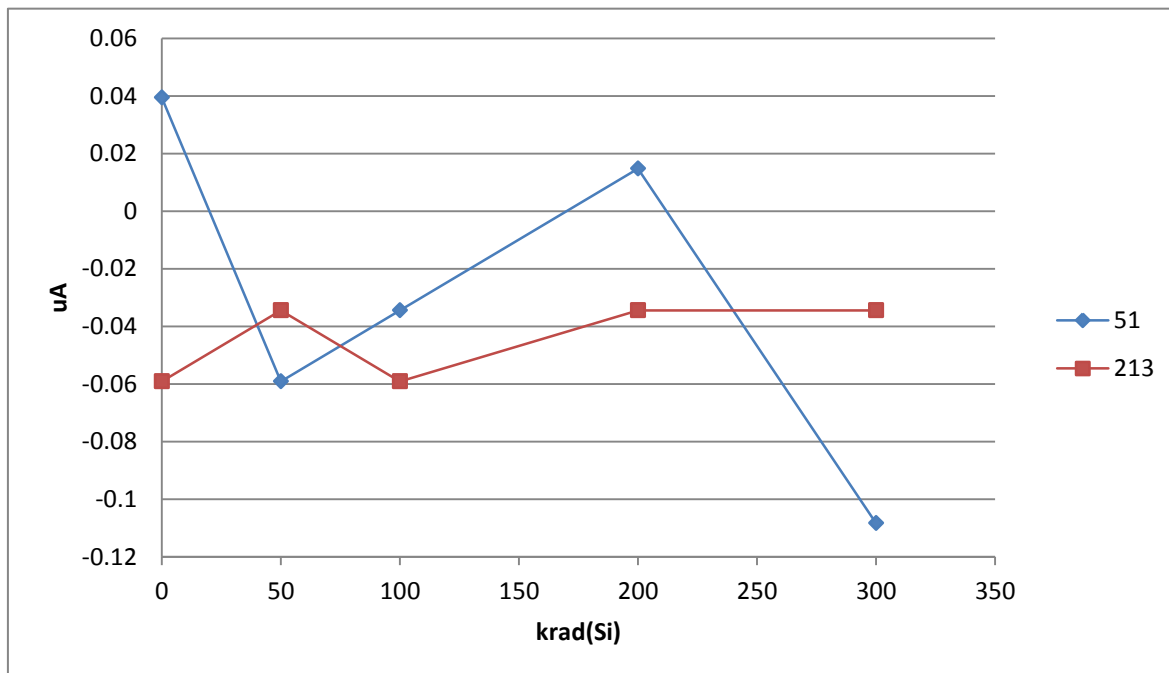
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.03940207	-0.0591031	-0.0344768	0.01477578	-0.1083557
213	-0.0591031	-0.0344768	-0.0591031	-0.0344768	-0.0344768
Average	-0.0098505	-0.0467899	-0.0467899	-0.0098505	-0.0714162
MAX	0.03940207	-0.0344768	-0.0344768	0.01477578	-0.0344768
MIN	-0.0591031	-0.0591031	-0.0591031	-0.0344768	-0.1083557
STD_dev	0.06965367	0.01741342	0.01741342	0.03482683	0.05224025

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0985052	-0.0738789	-0.0246263	-0.1477577
213		0.02462629	0	0.02462629	0.02462629
Average		-0.0369394	-0.0369394	1.4E-09	-0.0615657
MAX		0.02462629	0	0.02462629	0.02462629
MIN		-0.0985052	-0.0738789	-0.0246263	-0.1477577
STD_dev		0.08706708	0.05224025	0.03482683	0.12189391



1734 IIH_SEL10BIT/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

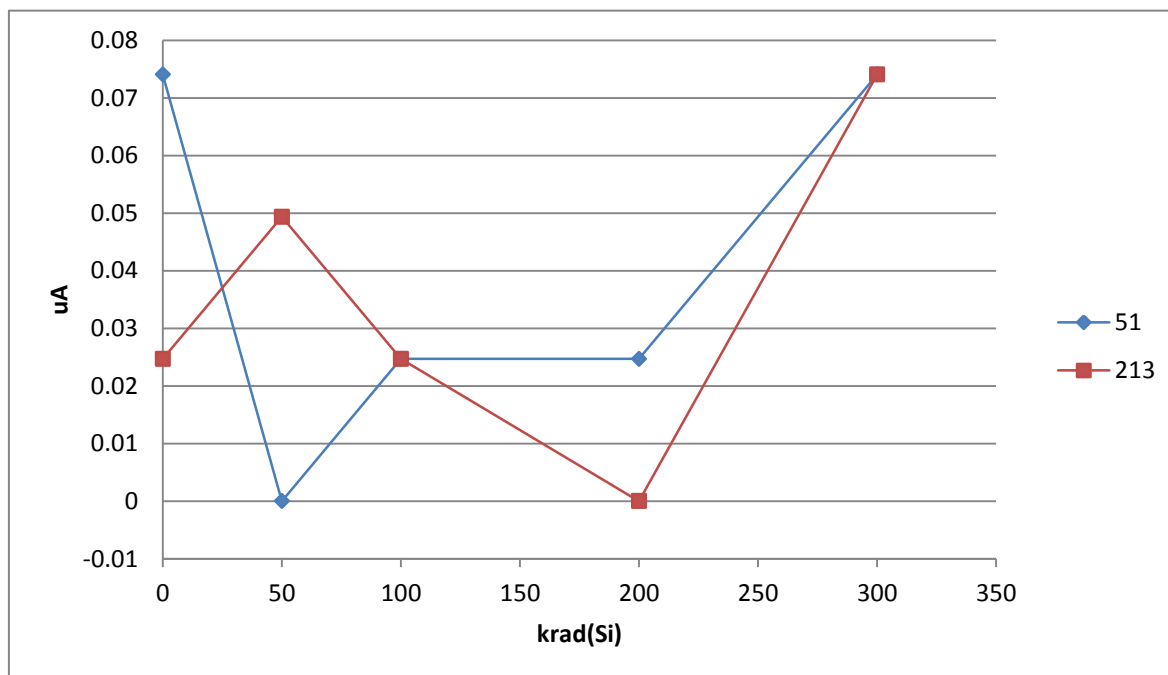
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.07403767	-2.134E-09	0.02467924	0.02467924	0.07403767
213	0.02467924	0.04935848	0.02467924	-2.134E-09	0.07403767
Average	0.04935846	0.02467924	0.02467924	0.01233962	0.07403767
MAX	0.07403767	0.04935848	0.02467924	0.02467924	0.07403767
MIN	0.02467924	-2.134E-09	0.02467924	-2.134E-09	0.07403767
STD_dev	0.03490168	0.03490172	0	0.01745086	0

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0740377	-0.0493584	-0.0493584	0
213		0.02467924	0	-0.0246792	0.04935843
Average		-0.0246792	-0.0246792	-0.0370188	0.02467921
MAX		0.02467924	0	-0.0246792	0.04935843
MIN		-0.0740377	-0.0493584	-0.0493584	0
STD_dev		0.0698034	0.03490168	0.01745082	0.03490168



1735 IIH_POREN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

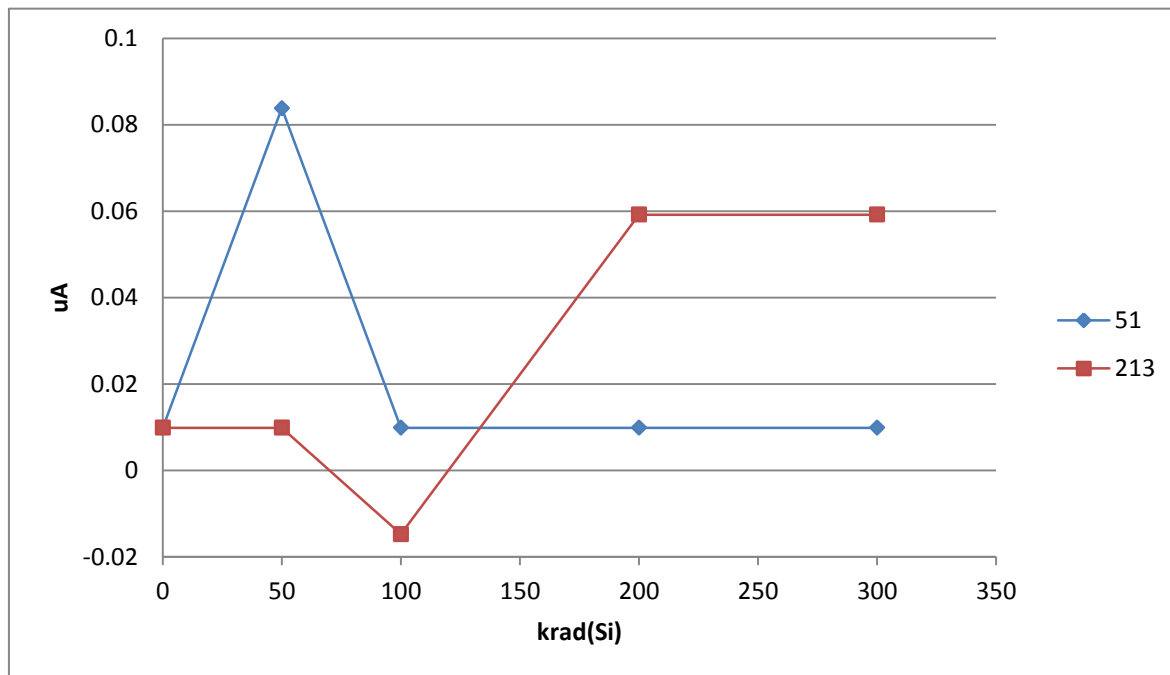
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.00986032	0.08381246	0.00986032	0.00986032	0.00986032
213	0.00986032	0.00986032	-0.0147904	0.05916172	0.05916172
Average	0.00986032	0.04683639	-0.002465	0.03451102	0.03451102
MAX	0.00986032	0.08381246	0.00986032	0.05916172	0.05916172
MIN	0.00986032	0.00986032	-0.0147904	0.00986032	0.00986032
STD_dev	0	0.05229206	0.0174307	0.03486136	0.03486136

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.07395214	0	0	0
213		0	-0.0246507	0.04930141	0.04930141
Average		0.03697607	-0.0123254	0.0246507	0.0246507
MAX		0.07395214	0	0.04930141	0.04930141
MIN		0	-0.0246507	0	0
STD_dev		0.05229206	0.0174307	0.03486136	0.03486136



1736 IIL_FSR/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

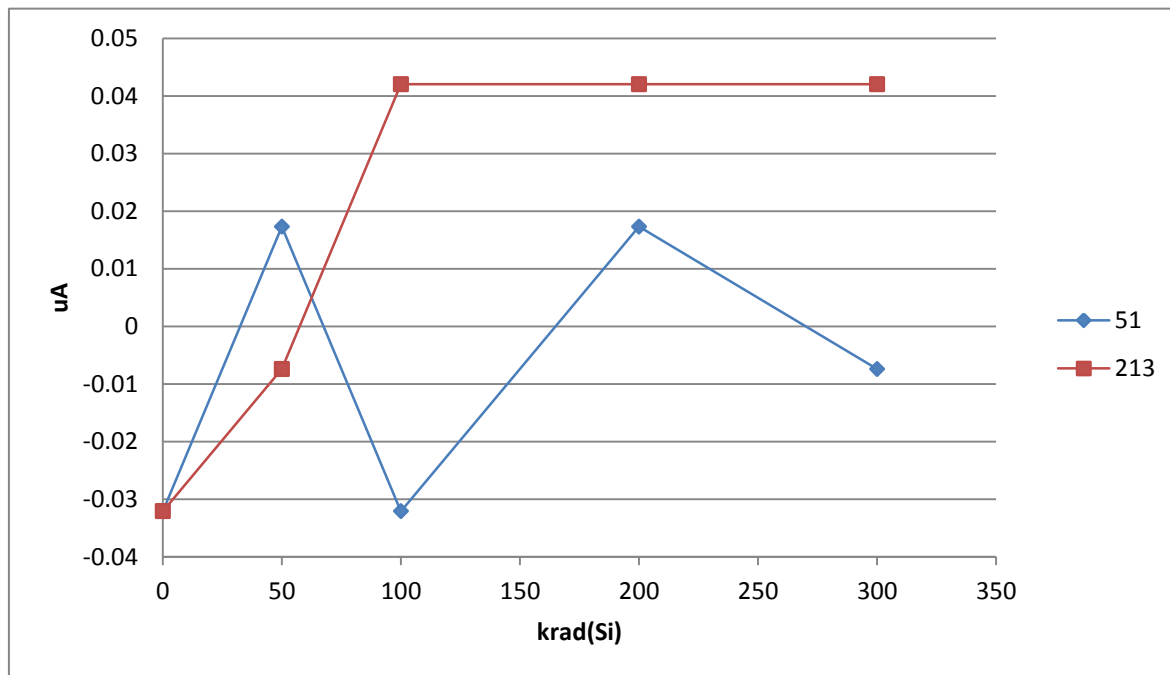
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0321206	0.01729568	-0.0321206	0.01729568	-0.0074124
213	-0.0321206	-0.0074124	0.04200381	0.04200381	0.04200381
Average	-0.0321206	0.00494162	0.00494162	0.02964974	0.01729569
MAX	-0.0321206	0.01729568	0.04200381	0.04200381	0.04200381
MIN	-0.0321206	-0.0074124	-0.0321206	0.01729568	-0.0074124
STD_dev	0	0.01747127	0.05241386	0.01747129	0.03494257

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.04941625	0	0.04941625	0.02470814
213		0.02470814	0.07412439	0.07412439	0.07412439
Average		0.03706219	0.03706219	0.06177032	0.04941626
MAX		0.04941625	0.07412439	0.07412439	0.07412439
MIN		0.02470814	0	0.04941625	0.02470814
STD_dev		0.01747127	0.05241386	0.01747129	0.03494257



1737 IIL_LSPSM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

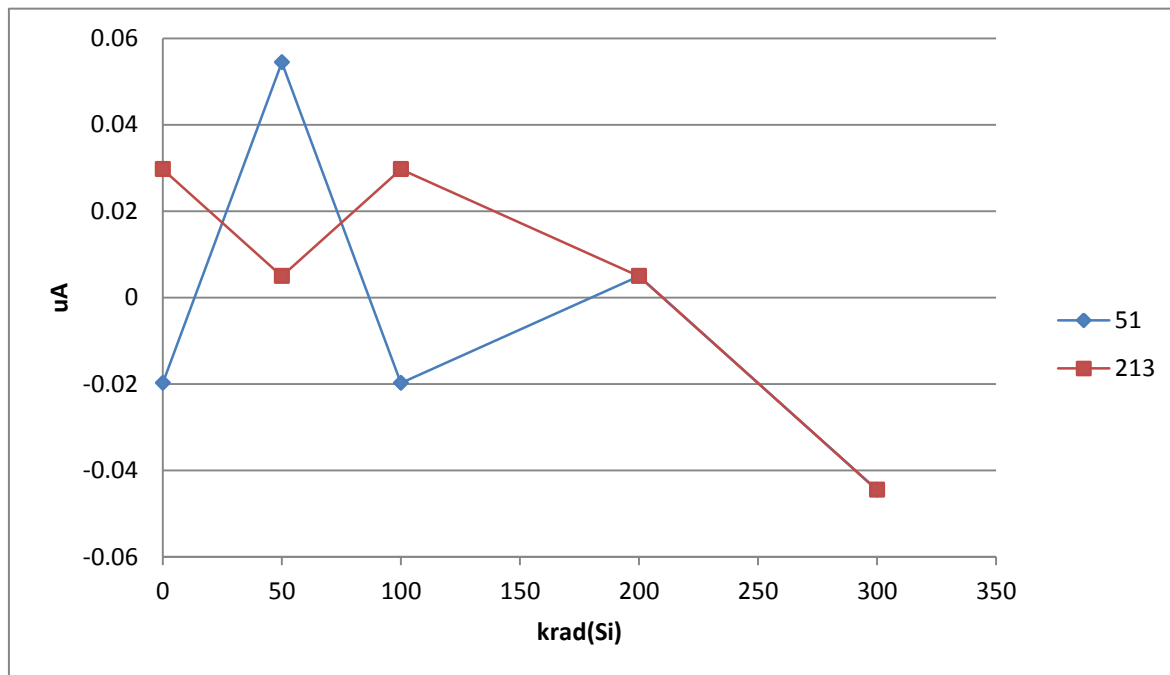
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0197928	0.05443014	-0.0197928	0.0049482	-0.0445337
213	0.02968918	0.0049482	0.02968918	0.0049482	-0.0445337
Average	0.00494821	0.02968917	0.00494821	0.0049482	-0.0445337
MAX	0.02968918	0.05443014	0.02968918	0.0049482	-0.0445337
MIN	-0.0197928	0.0049482	-0.0197928	0.0049482	-0.0445337
STD_dev	0.03498902	0.03498901	0.03498902	0	0

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.07422289	0	0.02474096	-0.024741
213		-0.024741	0	-0.024741	-0.0742229
Average		0.02474096	0	-1.397E-08	-0.049482
MAX		0.07422289	0	0.02474096	-0.024741
MIN		-0.024741	0	-0.024741	-0.0742229
STD_dev		0.06997803	0	0.03498902	0.03498902



1738 IIL_CAL/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

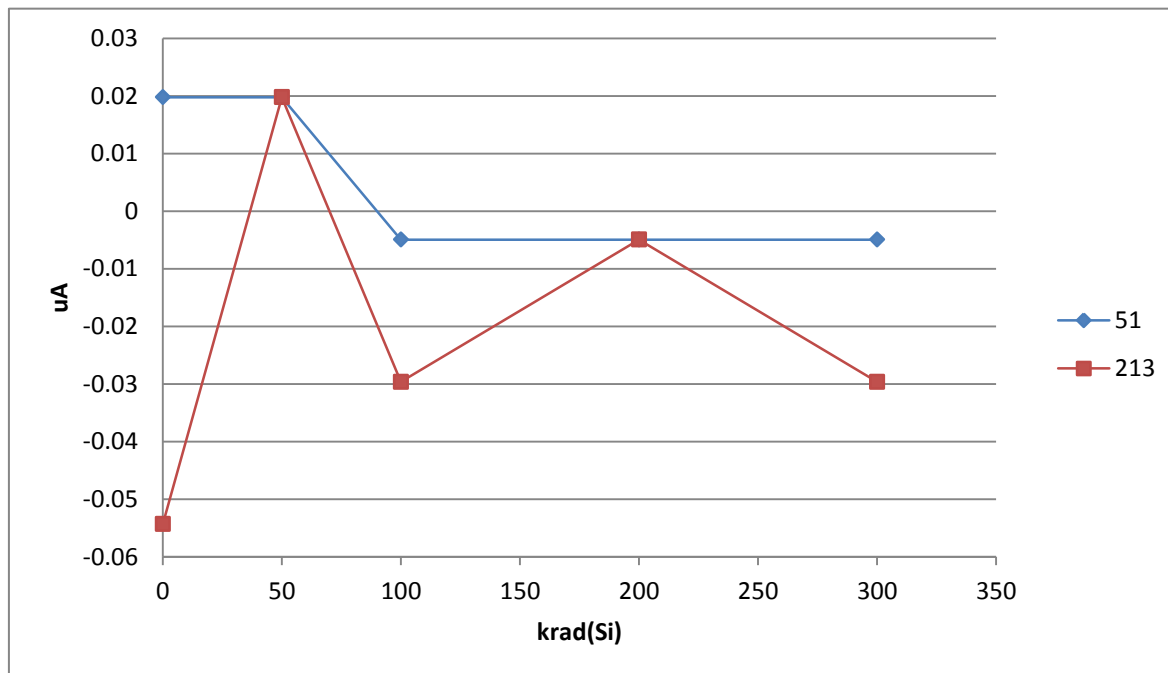
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.01976004	0.01976004	-0.00494	-0.00494	-0.00494
213	-0.0543401	0.01976004	-0.0296401	-0.00494	-0.0296401
Average	-0.01729	0.01976004	-0.01729	-0.00494	-0.01729
MAX	0.01976004	0.01976004	-0.00494	-0.00494	-0.00494
MIN	-0.0543401	0.01976004	-0.0296401	-0.00494	-0.0296401
STD_dev	0.05239672	0	0.01746556	0	0.01746556

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0	-0.0247001	-0.0247001	-0.0247001
213		0.07410015	0.02470005	0.04940008	0.02470005
Average		0.03705007	-7.22E-09	0.01235001	-7.22E-09
MAX		0.07410015	0.02470005	0.04940008	0.02470005
MIN		0	-0.0247001	-0.0247001	-0.0247001
STD_dev		0.05239672	0.03493115	0.05239672	0.03493115



1739 IIL_NDM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

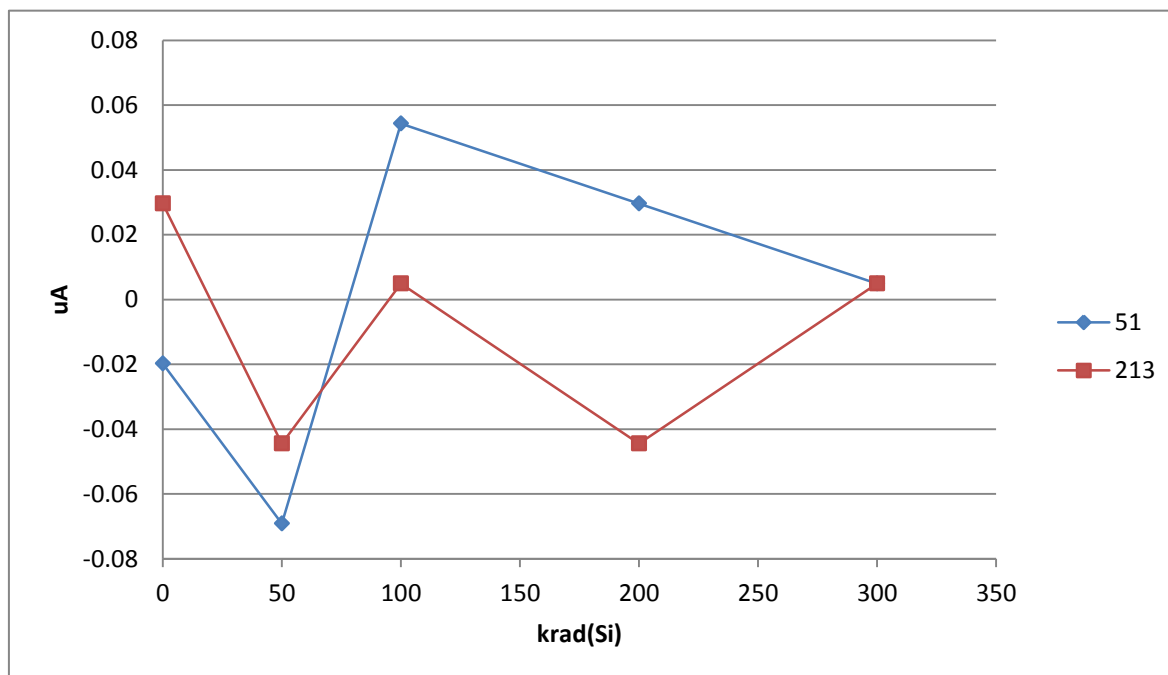
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0197516	-0.0691309	0.05431712	0.02962757	0.00493791
213	0.02962757	-0.0444412	0.00493791	-0.0444412	0.00493791
Average	0.00493797	-0.056786	0.02962752	-0.0074068	0.00493791
MAX	0.02962757	-0.0444412	0.05431712	0.02962757	0.00493791
MIN	-0.0197516	-0.0691309	0.00493791	-0.0444412	0.00493791
STD_dev	0.03491638	0.01745823	0.03491638	0.05237453	0

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0493792	0.07406876	0.04937921	0.02468955
213		-0.0740688	-0.0246897	-0.0740688	-0.0246897
Average		-0.061724	0.02468955	-0.0123448	-5.819E-08
MAX		-0.0493792	0.07406876	0.04937921	0.02468955
MIN		-0.0740688	-0.0246897	-0.0740688	-0.0246897
STD_dev		0.01745815	0.06983275	0.0872909	0.03491638



1740 IIL_TPM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

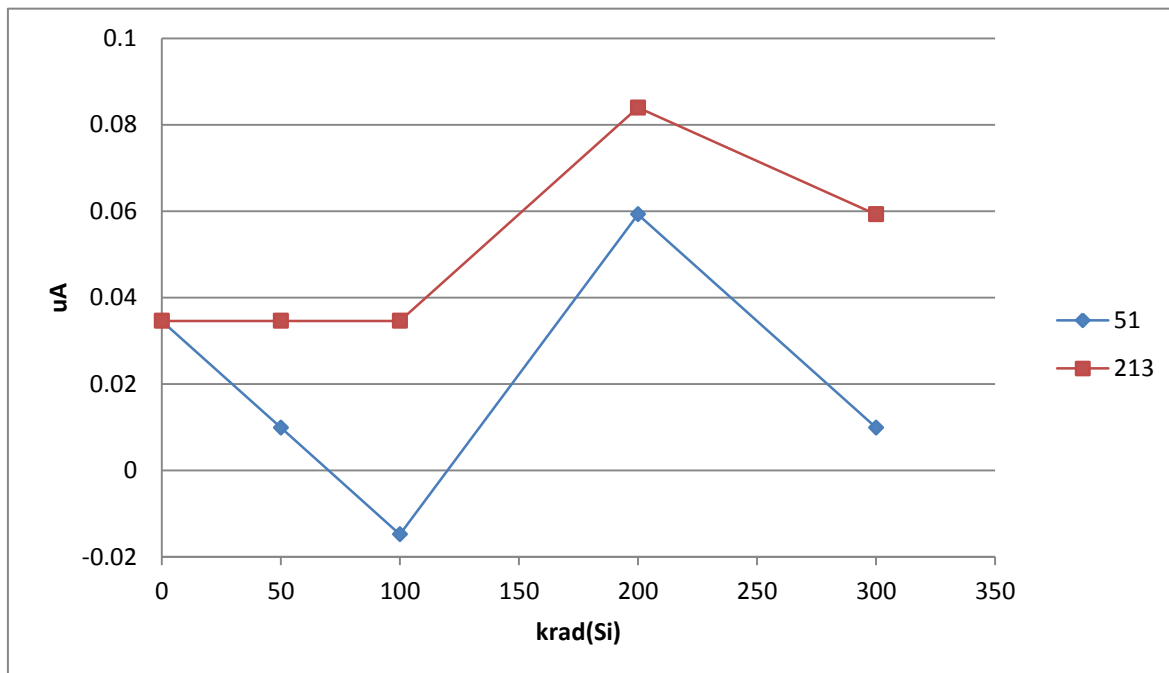
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.034571	0.00987745	-0.0148161	0.05926455	0.00987745
213	0.034571	0.034571	0.034571	0.08395804	0.05926455
Average	0.034571	0.02222422	0.00987745	0.0716113	0.034571
MAX	0.034571	0.034571	0.034571	0.08395804	0.05926455
MIN	0.034571	0.00987745	-0.0148161	0.05926455	0.00987745
STD_dev	0	0.01746098	0.03492195	0.01746094	0.03492195

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0246935	-0.0493871	0.02469355	-0.0246935
213		0	0	0.04938705	0.02469355
Average		-0.0123468	-0.0246936	0.0370403	1.405E-09
MAX		0	0	0.04938705	0.02469355
MIN		-0.0246935	-0.0493871	0.02469355	-0.0246935
STD_dev		0.01746098	0.03492195	0.01746094	0.03492195



1741 IIL_DDRPH/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

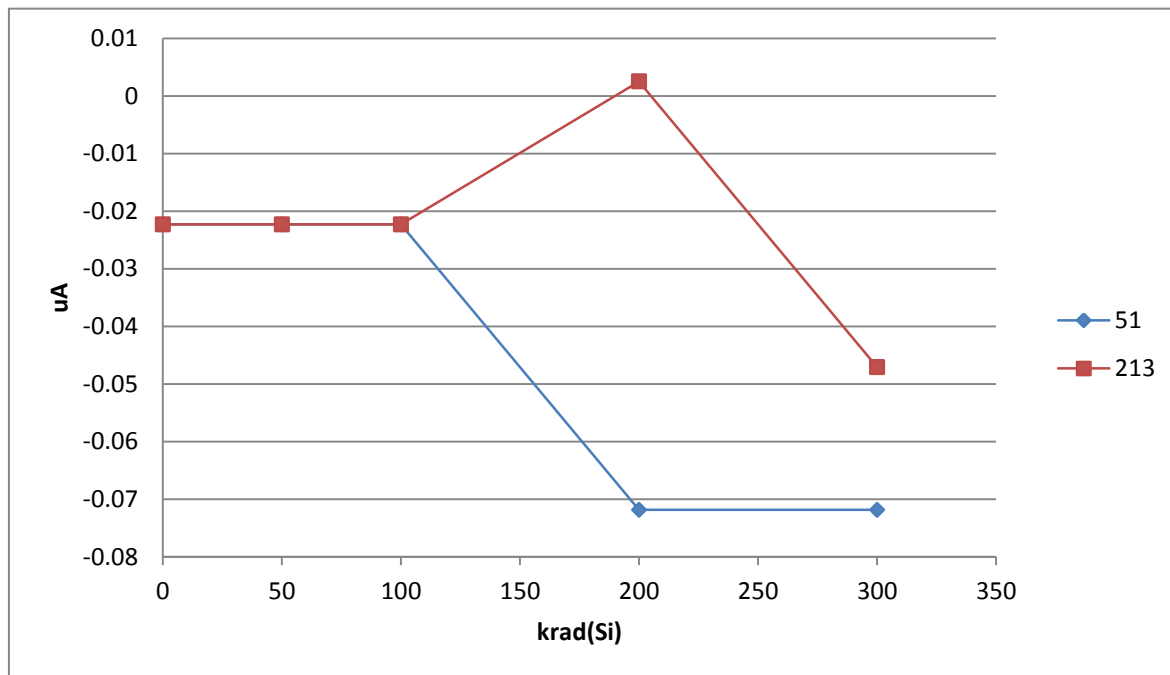
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0223018	-0.0223018	-0.0223018	-0.0718613	-0.0718613
213	-0.0223018	-0.0223018	-0.0223018	0.00247798	-0.0470816
Average	-0.0223018	-0.0223018	-0.0223018	-0.0346917	-0.0594715
MAX	-0.0223018	-0.0223018	-0.0223018	0.00247798	-0.0470816
MIN	-0.0223018	-0.0223018	-0.0223018	-0.0718613	-0.0718613
STD_dev	0	0	0	0.05256583	0.01752194

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0	0	-0.0495596	-0.0495596
213		0	0	0.02477976	-0.0247798
Average		0	0	-0.0123899	-0.0371697
MAX		0	0	0.02477976	-0.0247798
MIN		0	0	-0.0495596	-0.0495596
STD_dev		0	0	0.05256583	0.01752194



1742 IIL_DES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

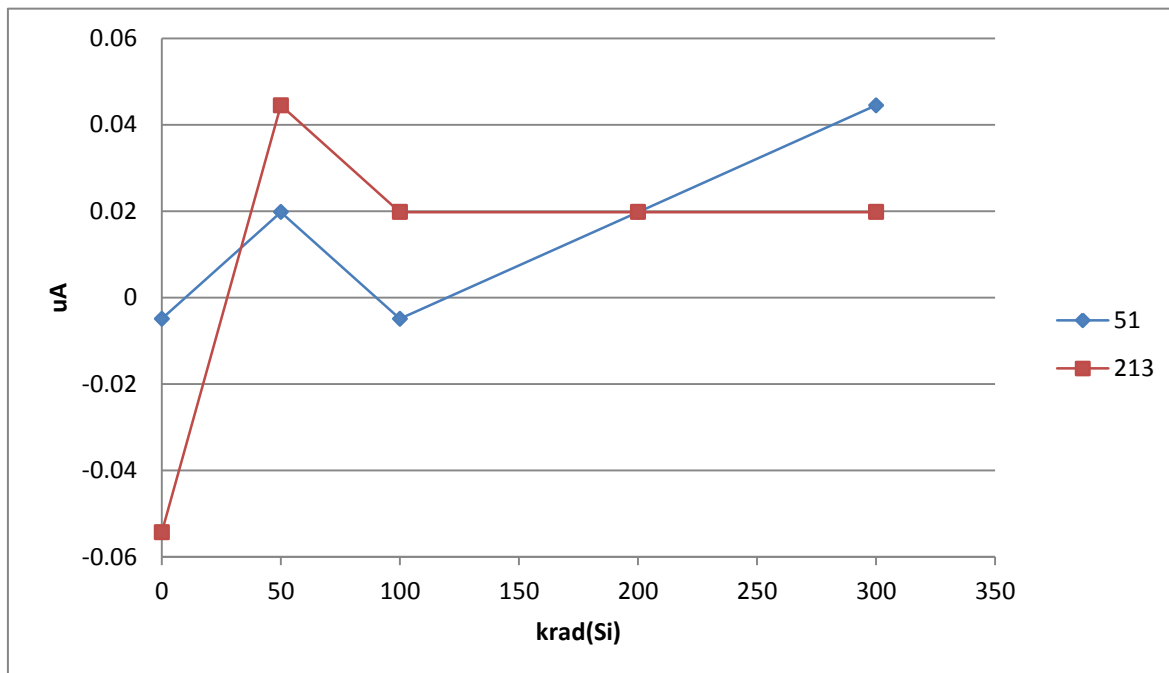
Limit_Min

-1 Limit_Max

1 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0049393	0.01975705	-0.0049393	0.01975705	0.04445339
213	-0.0543319	0.04445339	0.01975705	0.01975705	0.01975705
Average	-0.0296356	0.03210522	0.00740889	0.01975705	0.03210522
MAX	-0.0049393	0.04445339	0.01975705	0.01975705	0.04445339
MIN	-0.0543319	0.01975705	-0.0049393	0.01975705	0.01975705
STD_dev	0.03492589	0.01746295	0.01746293	0	0.01746295

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.02469632	0	0.02469632	0.04939266
213		0.09878532	0.07408898	0.07408898	0.07408898
Average		0.06174082	0.03704449	0.04939265	0.06174082
MAX		0.09878532	0.07408898	0.07408898	0.07408898
MIN		0.02469632	0	0.02469632	0.04939266
STD_dev		0.05238884	0.05238882	0.03492589	0.01746293

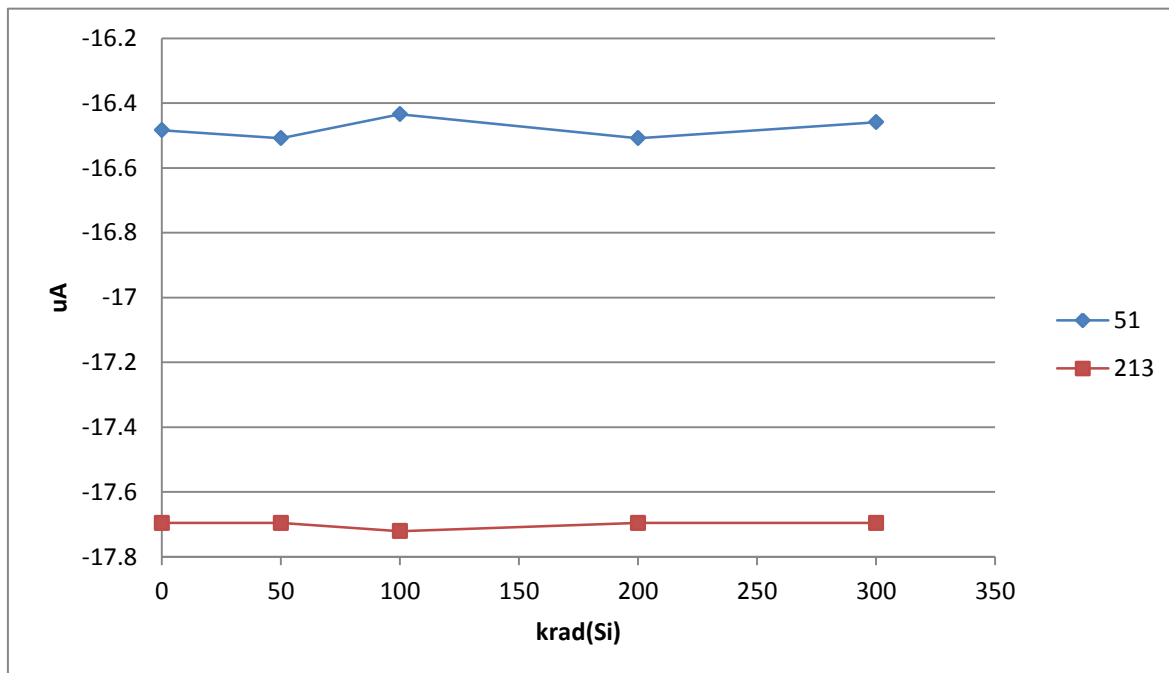


1743 IIL_SCSB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max -9.999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.483677	-16.508419	-16.434189	-16.508419	-16.458933
213	-17.696075	-17.696075	-17.720818	-17.696075	-17.696075
Average	-17.089876	-17.102247	-17.077503	-17.102247	-17.077504
MAX	-16.483677	-16.508419	-16.434189	-16.508419	-16.458933
MIN	-17.696075	-17.696075	-17.720818	-17.696075	-17.696075
STD_dev	0.85729522	0.8397999	0.90978389	0.8397999	0.87479189

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0247421	0.04948807	-0.0247421	0.02474403
213		0	-0.0247421	0	0
Average		-0.0123711	0.01237297	-0.0123711	0.01237202
MAX		0	0.04948807	0	0.02474403
MIN		-0.0247421	-0.0247421	-0.0247421	0
STD_dev		0.01749533	0.05248867	0.01749533	0.01749667

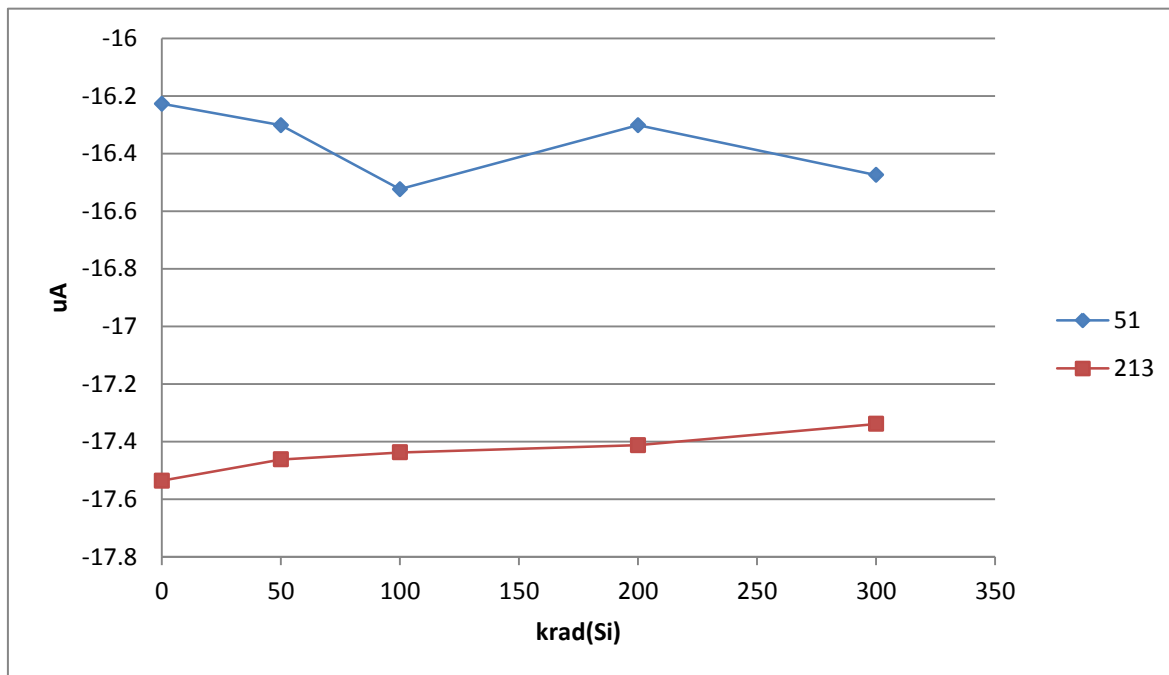


1744 IIL_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.227589	-16.301674	-16.523935	-16.301674	-16.474546
213	-17.536465	-17.462376	-17.437679	-17.412985	-17.338898
Average	-16.882027	-16.882025	-16.980807	-16.857329	-16.906722
MAX	-16.227589	-16.301674	-16.523935	-16.301674	-16.474546
MIN	-17.536465	-17.462376	-17.437679	-17.412985	-17.338898
STD_dev	0.92551512	0.82074008	0.64611456	0.78581552	0.61118865

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0740852	-0.2963467	-0.0740852	-0.2469578
213		0.07408905	0.0987854	0.12347984	0.19756699
Average		1.9075E-06	-0.0987806	0.0246973	-0.0246954
MAX		0.07408905	0.0987854	0.12347984	0.19756699
MIN		-0.0740852	-0.2963467	-0.0740852	-0.2469578
STD_dev		0.10477504	0.27940056	0.13969961	0.31432648

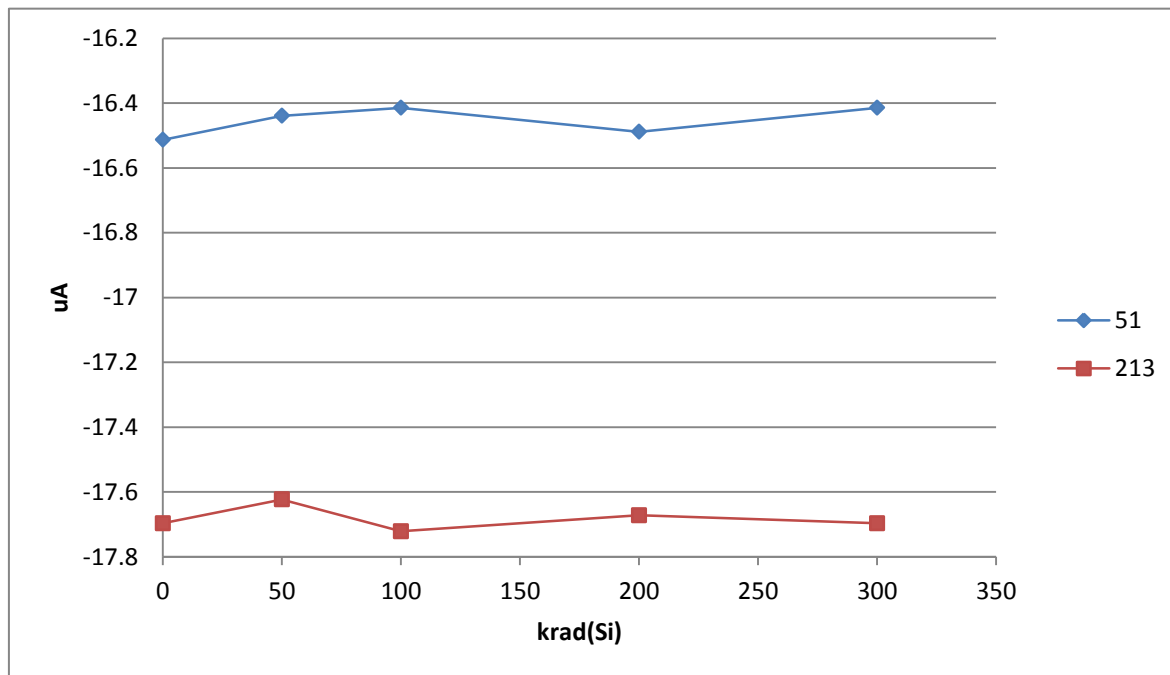


1745 IIL_SDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -29.999999 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.513134	-16.439138	-16.414473	-16.488468	-16.414473
213	-17.697046	-17.623051	-17.721712	-17.67238	-17.697046
Average	-17.10509	-17.031095	-17.068092	-17.080424	-17.055759
MAX	-16.513134	-16.439138	-16.414473	-16.488468	-16.414473
MIN	-17.697046	-17.623051	-17.721712	-17.67238	-17.697046
STD_dev	0.8371524	0.8371524	0.92435794	0.8371524	0.90691656

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.07399559	0.09866142	0.02466583	0.09866142
213		0.07399559	-0.0246658	0.02466583	0
Average		0.07399559	0.0369978	0.02466583	0.04933071
MAX		0.07399559	0.09866142	0.02466583	0.09866142
MIN		0.07399559	-0.0246658	0.02466583	0
STD_dev		7.0711E-10	0.08720554	0	0.06976416

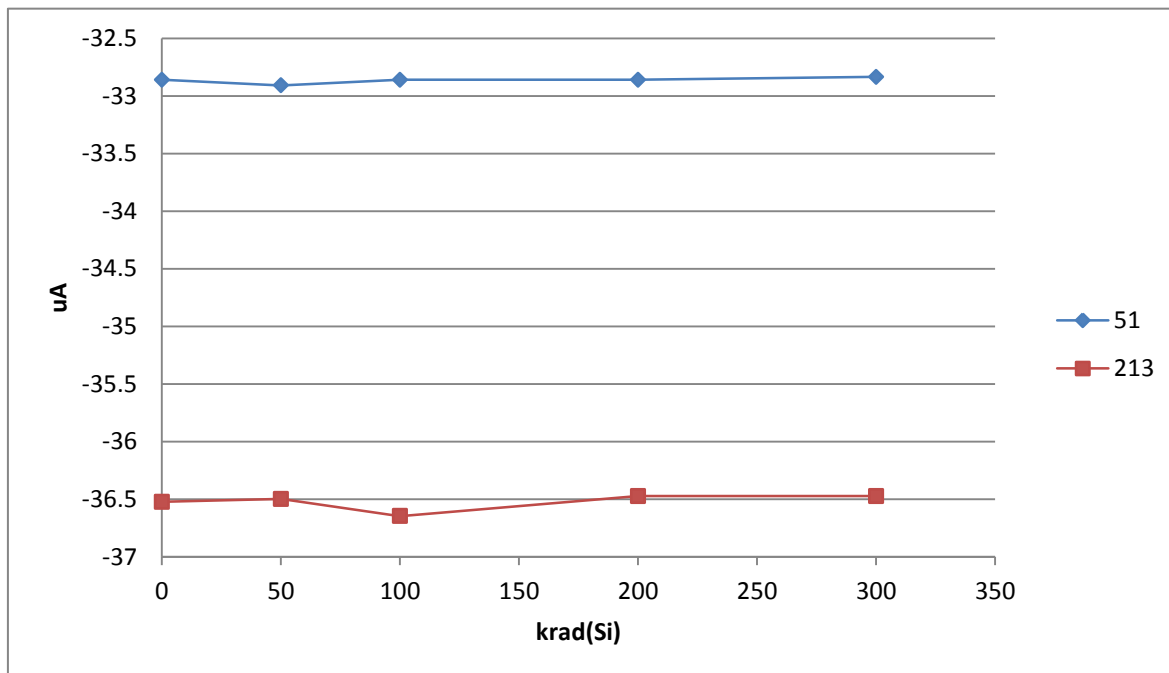


1746 IIL_PDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -55 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-32.859726	-32.909237	-32.859726	-32.859726	-32.834969
213	-36.523731	-36.498974	-36.647518	-36.47422	-36.47422
Average	-34.691729	-34.704105	-34.753622	-34.666973	-34.654594
MAX	-32.859726	-32.909237	-32.859726	-32.859726	-32.834969
MIN	-36.523731	-36.498974	-36.647518	-36.47422	-36.47422
STD_dev	2.59084298	2.53832733	2.67837355	2.55583345	2.57333956

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.049511	0	0	0.02475739
213		0.02475739	-0.1237869	0.04951096	0.04951096
Average		-0.0123768	-0.0618935	0.02475548	0.03713417
MAX		0.02475739	0	0.04951096	0.04951096
MIN		-0.049511	-0.1237869	0	0.02475739
STD_dev		0.05251565	0.08753057	0.03500953	0.01750342

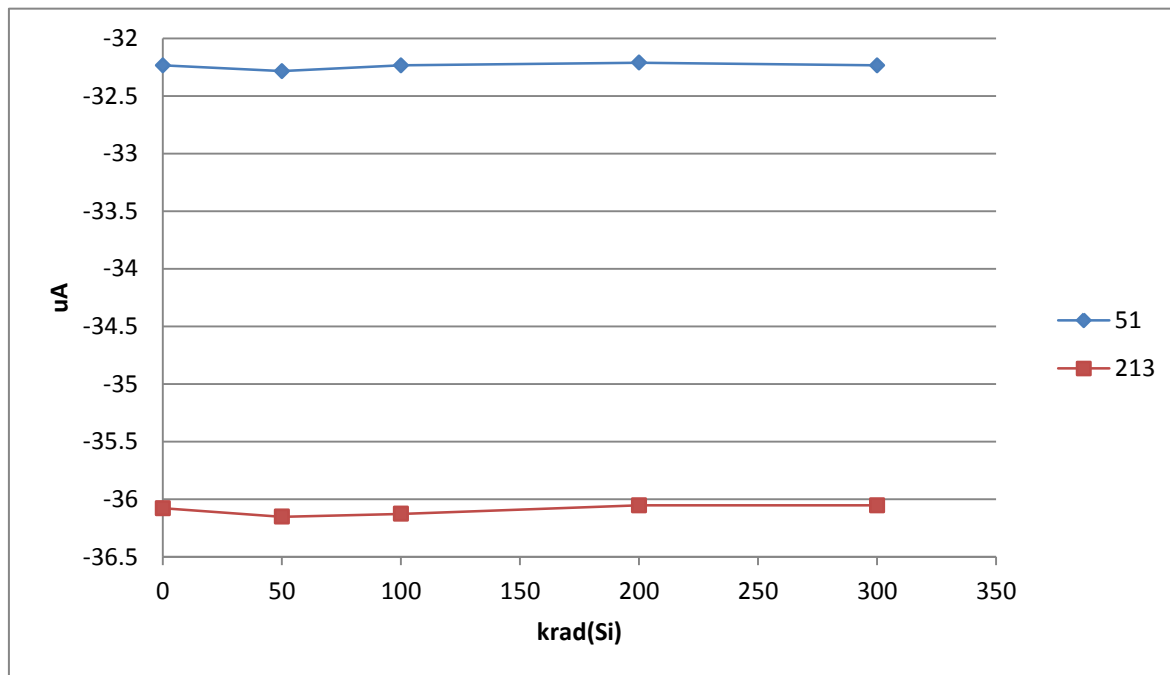


1747 IIL_PDQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -55 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-32.235909	-32.285183	-32.235909	-32.211269	-32.235909
213	-36.079384	-36.153294	-36.128658	-36.054741	-36.054741
Average	-34.157646	-34.219238	-34.182283	-34.133005	-34.145325
MAX	-32.235909	-32.285183	-32.235909	-32.211269	-32.235909
MIN	-36.079384	-36.153294	-36.128658	-36.054741	-36.054741
STD_dev	2.71774748	2.73516728	2.75258977	2.71774478	2.70032228

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0492744	0	0.02463913	0
213		-0.0739098	-0.0492744	0.02464294	0.02464294
Average		-0.0615921	-0.0246372	0.02464104	0.01232147
MAX		-0.0492744	0	0.02464294	0.02464294
MIN		-0.0739098	-0.0492744	0.02463913	0
STD_dev		0.0174198	0.03484229	2.6978E-06	0.01742519

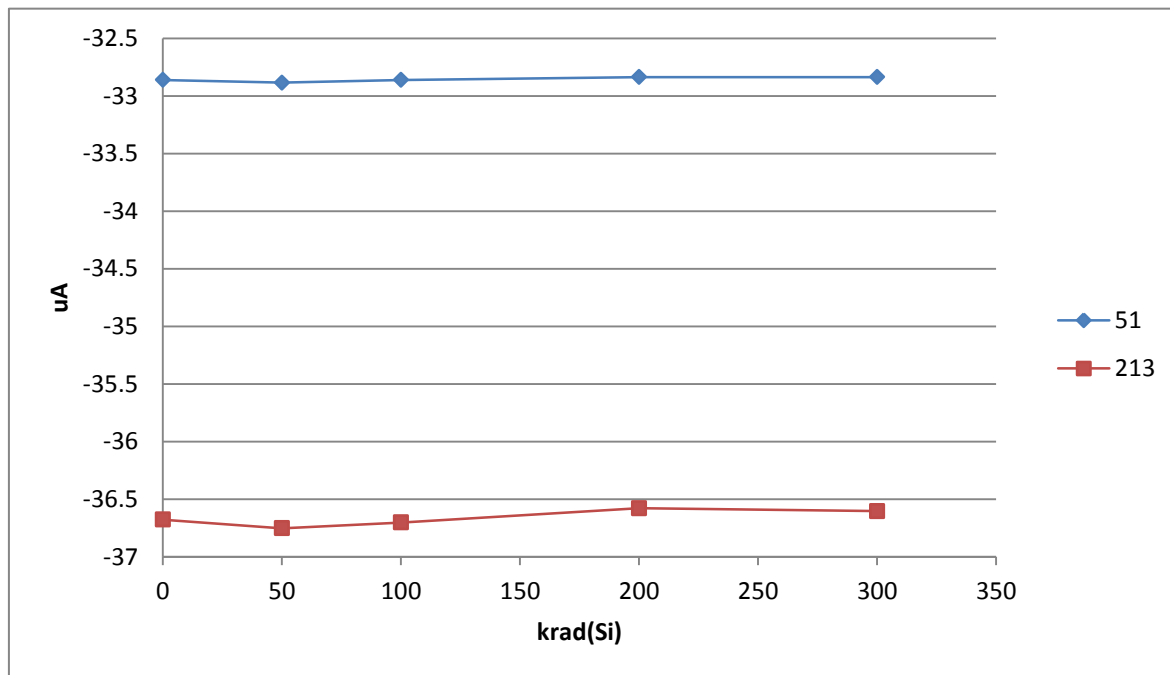


1748 IIL_ECEB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -55 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-32.861317	-32.885941	-32.861317	-32.836693	-32.836693
213	-36.678394	-36.75227	-36.703018	-36.579884	-36.604515
Average	-34.769855	-34.819105	-34.782167	-34.708288	-34.720604
MAX	-32.861317	-32.885941	-32.861317	-32.836693	-32.836693
MIN	-36.678394	-36.75227	-36.703018	-36.579884	-36.604515
STD_dev	2.69908148	2.73390759	2.71649319	2.64683557	2.66425267

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0246239	0	0.02462387	0.02462387
213		-0.0738754	-0.0246239	0.09851074	0.07387924
Average		-0.0492496	-0.0123119	0.06156731	0.04925156
MAX		-0.0246239	0	0.09851074	0.07387924
MIN		-0.0738754	-0.0246239	0.02462387	0.02462387
STD_dev		0.03482611	0.01741171	0.05224591	0.03482881

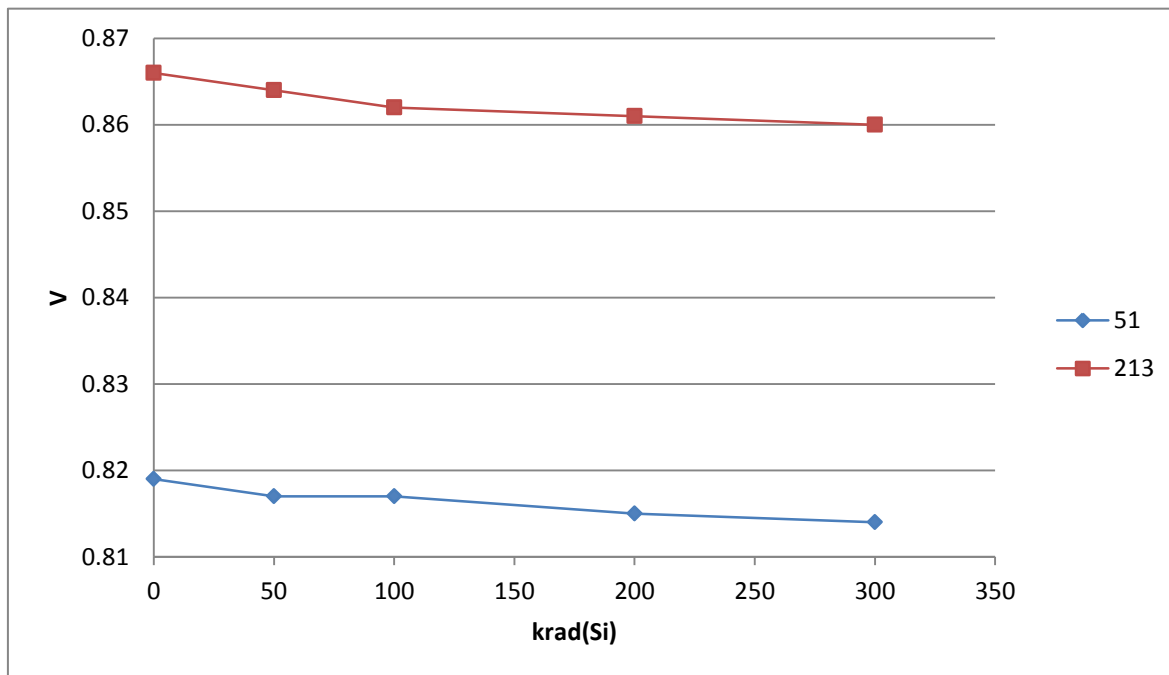


1749 VTH_PDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.81900001	0.81699997	0.81699997	0.815	0.81400001
213	0.866	0.86400002	0.86199999	0.861	0.86000001
Average	0.8425	0.8405	0.83949998	0.838	0.83700001
MAX	0.866	0.86400002	0.86199999	0.861	0.86000001
MIN	0.81900001	0.81699997	0.81699997	0.815	0.81400001
STD_dev	0.03323401	0.03323405	0.03181982	0.03252691	0.03252691

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.002	-0.002	-0.004	-0.005
213		-0.002	-0.004	-0.005	-0.006
Average		-0.002	-0.003	-0.0045	-0.0055
MAX		-0.002	-0.002	-0.004	-0.005
MIN		-0.002	-0.004	-0.005	-0.006
STD_dev		4.1719E-08	0.0014142	0.0007071	0.0007071

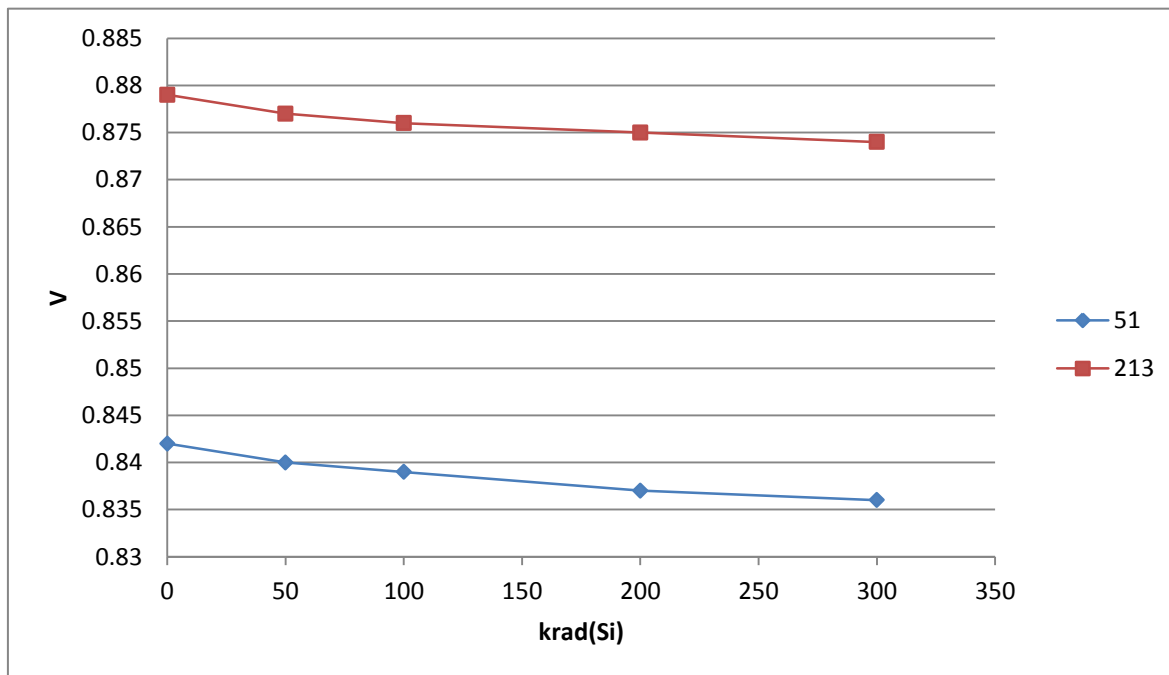


1750 VTH_PDQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.84200001	0.83999997	0.83899999	0.83700001	0.83600003
213	0.87900001	0.87699997	0.87599999	0.875	0.87400001
Average	0.86050001	0.85849997	0.85749999	0.85600001	0.85500002
MAX	0.87900001	0.87699997	0.87599999	0.875	0.87400001
MIN	0.84200001	0.83999997	0.83899999	0.83700001	0.83600003
STD_dev	0.02616295	0.02616295	0.02616295	0.02687005	0.02687005

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.002	-0.003	-0.005	-0.006
213		-0.002	-0.003	-0.004	-0.005
Average		-0.002	-0.003	-0.0045	-0.0055
MAX		-0.002	-0.003	-0.004	-0.005
MIN		-0.002	-0.003	-0.005	-0.006
STD_dev		7.8505E-17	0	0.0007071	0.0007071



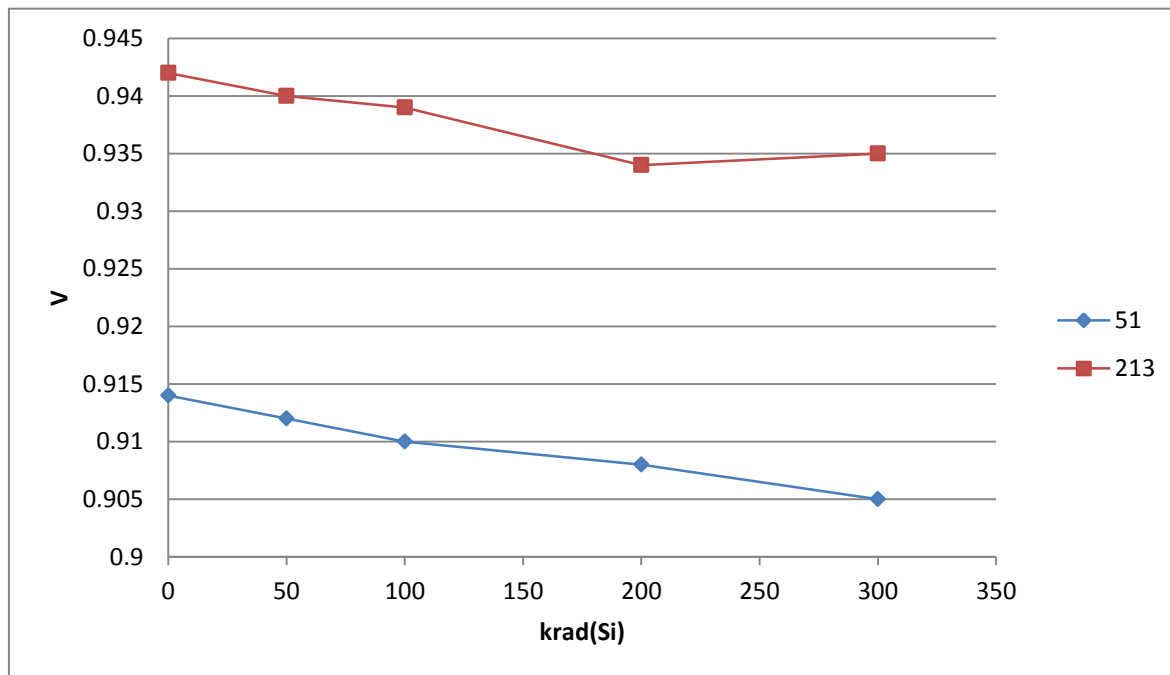


1751 VTH_CAL/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.91399998	0.912	0.91000003	0.90799999	0.90499997
213	0.94199997	0.94	0.93900001	0.93400002	0.935
Average	0.92799997	0.926	0.92450002	0.921	0.91999999
MAX	0.94199997	0.94	0.93900001	0.93400002	0.935
MIN	0.91399998	0.912	0.91000003	0.90799999	0.90499997
STD_dev	0.01979899	0.01979899	0.02050609	0.01838479	0.02121323

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.002	-0.0039999	-0.006	-0.009
213		-0.002	-0.003	-0.008	-0.007
Average		-0.002	-0.0035	-0.007	-0.008
MAX		-0.002	-0.003	-0.006	-0.007
MIN		-0.002	-0.0039999	-0.008	-0.009
STD_dev		7.0711E-10	0.0007071	0.0014142	0.00141424

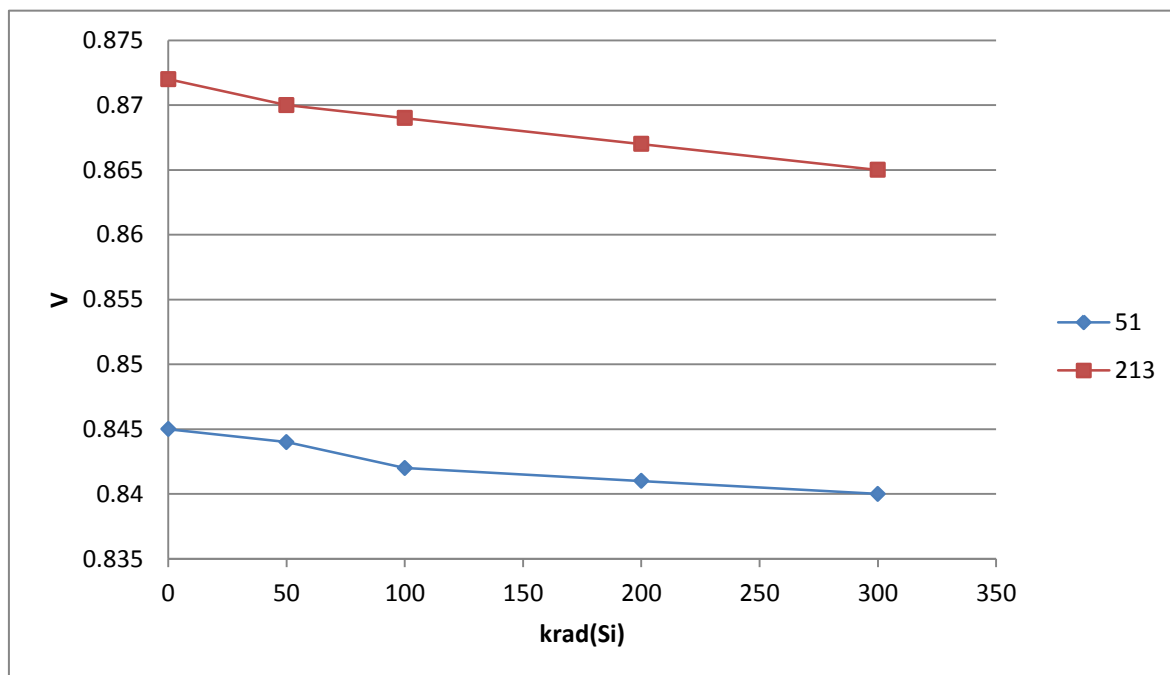


1752 VTH_FSR/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.84500003	0.84399998	0.84200001	0.84100002	0.83999997
213	0.87199998	0.87000001	0.86900002	0.86699998	0.86500001
Average	0.8585	0.85699999	0.85550001	0.854	0.85249999
MAX	0.87199998	0.87000001	0.86900002	0.86699998	0.86500001
MIN	0.84500003	0.84399998	0.84200001	0.84100002	0.83999997
STD_dev	0.01909185	0.01838479	0.01909189	0.01838475	0.01767769

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.001	-0.003	-0.004	-0.0050001
213		-0.002	-0.003	-0.005	-0.007
Average		-0.0015	-0.003	-0.0045	-0.006
MAX		-0.001	-0.003	-0.004	-0.0050001
MIN		-0.002	-0.003	-0.005	-0.007
STD_dev		0.00070706	4.2426E-08	0.0007071	0.00141415

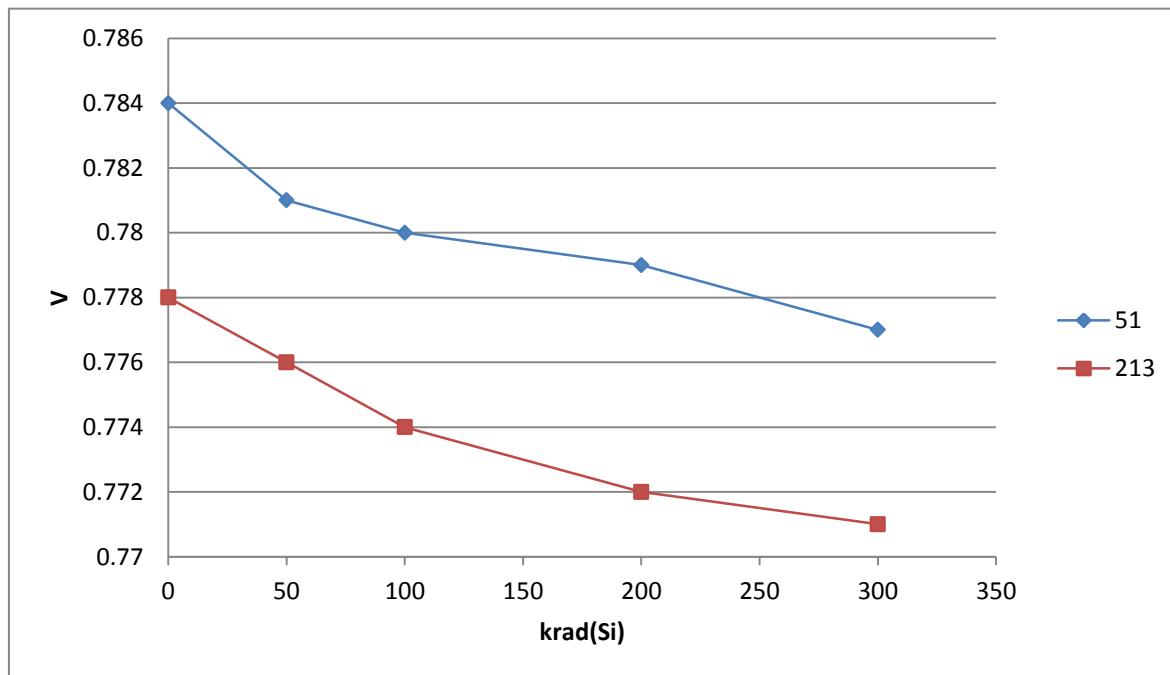


1753 VTH_LSPSM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.78399998	0.78100002	0.77999997	0.77899998	0.77700001
213	0.778	0.77600002	0.77399999	0.77200002	0.77100003
Average	0.78099999	0.77850002	0.77699998	0.7755	0.77400002
MAX	0.78399998	0.78100002	0.77999997	0.77899998	0.77700001
MIN	0.778	0.77600002	0.77399999	0.77200002	0.77100003
STD_dev	0.00424263	0.00353553	0.00424263	0.00494973	0.00424263

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.003	-0.004	-0.005	-0.007
213		-0.002	-0.004	-0.006	-0.007
Average		-0.0025	-0.004	-0.0055	-0.007
MAX		-0.002	-0.004	-0.005	-0.007
MIN		-0.003	-0.004	-0.006	-0.007
STD_dev		0.0007071	0	0.0007071	0

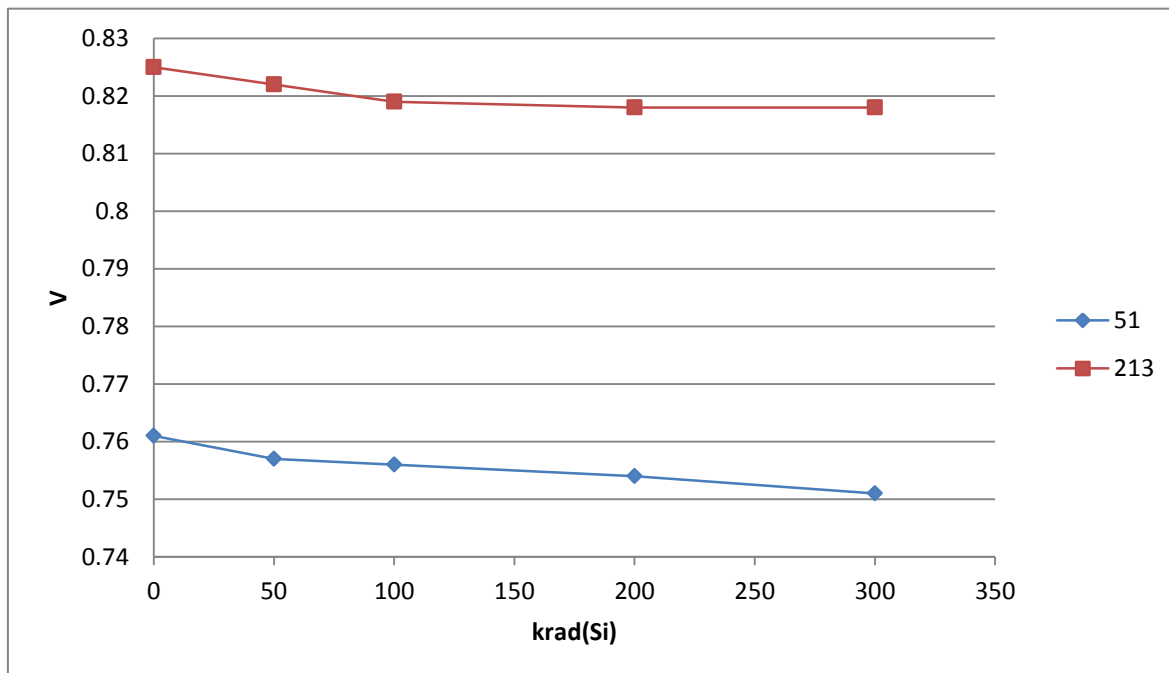


1754 VTH_SCSB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.76099998	0.75700003	0.75599998	0.75400001	0.75099999
213	0.82499999	0.82200003	0.81900001	0.81800002	0.81800002
Average	0.79299998	0.78950003	0.78749999	0.78600001	0.7845
MAX	0.82499999	0.82200003	0.81900001	0.81800002	0.81800002
MIN	0.76099998	0.75700003	0.75599998	0.75400001	0.75099999
STD_dev	0.04525484	0.04596194	0.04454774	0.04525484	0.04737618

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0039999	-0.005	-0.007	-0.01
213		-0.003	-0.006	-0.007	-0.007
Average		-0.0035	-0.0055	-0.007	-0.0085
MAX		-0.003	-0.005	-0.007	-0.007
MIN		-0.0039999	-0.006	-0.007	-0.01
STD_dev		0.0007071	0.0007071	7.0711E-10	0.00212134

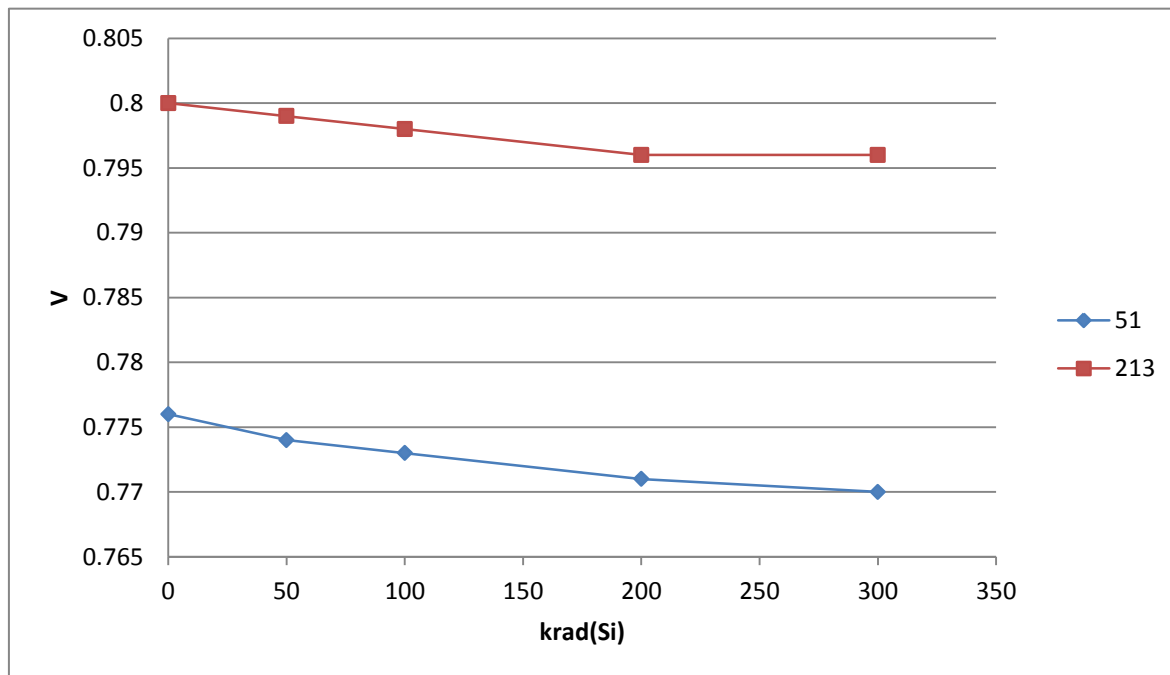


1755 VTH_SDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.77600002	0.77399999	0.773	0.77100003	0.76999998
213	0.80000001	0.79900003	0.79799998	0.796	0.796
Average	0.78800002	0.78650001	0.78549999	0.78350002	0.78299999
MAX	0.80000001	0.79900003	0.79799998	0.796	0.796
MIN	0.77600002	0.77399999	0.773	0.77100003	0.76999998
STD_dev	0.01697055	0.01767769	0.01767765	0.01767765	0.01838479

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.002	-0.003	-0.005	-0.006
213		-0.001	-0.002	-0.004	-0.004
Average		-0.0015	-0.0025	-0.0045	-0.005
MAX		-0.001	-0.002	-0.004	-0.004
MIN		-0.002	-0.003	-0.005	-0.006
STD_dev		0.00070714	0.0007071	0.0007071	0.00141424

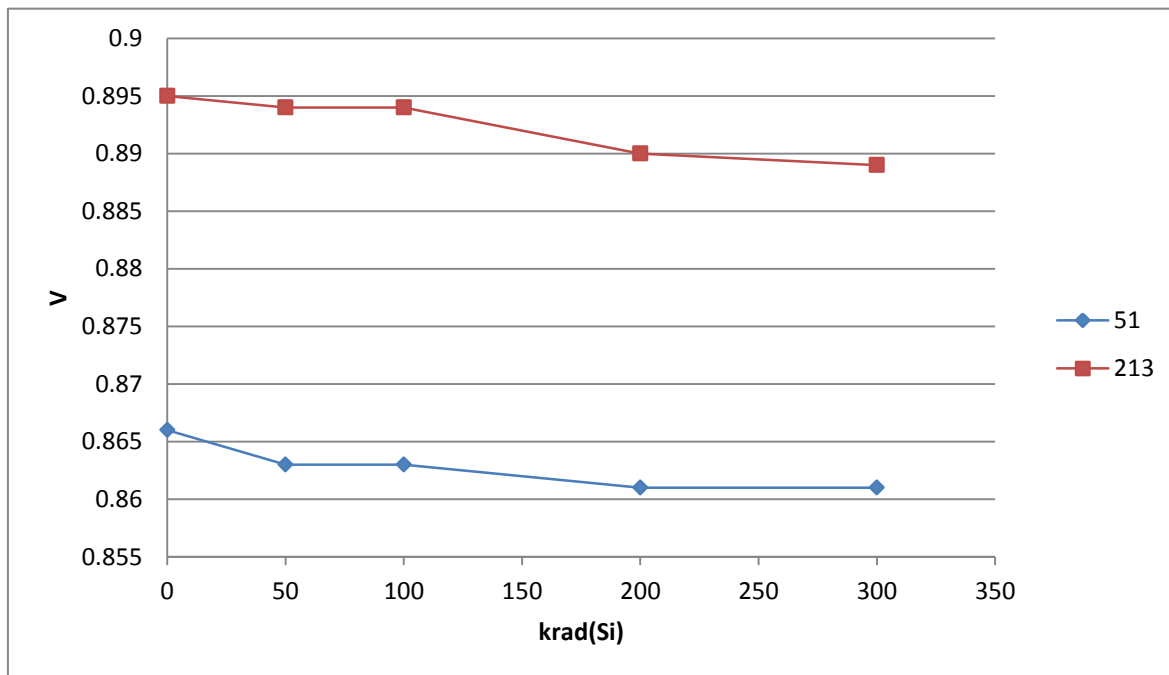


1756 VTH_TPM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.866	0.86299998	0.86299998	0.861	0.861
213	0.89499998	0.89399999	0.89399999	0.88999999	0.889
Average	0.88049999	0.87849999	0.87849999	0.87549999	0.875
MAX	0.89499998	0.89399999	0.89399999	0.88999999	0.889
MIN	0.866	0.86299998	0.86299998	0.861	0.861
STD_dev	0.02050609	0.02192032	0.02192032	0.02050609	0.01979899

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.003	-0.003	-0.005	-0.005
213		-0.001	-0.001	-0.005	-0.006
Average		-0.002	-0.002	-0.005	-0.0055
MAX		-0.001	-0.001	-0.005	-0.005
MIN		-0.003	-0.003	-0.005	-0.006
STD_dev		0.00141424	0.00141424	7.0711E-10	0.0007071

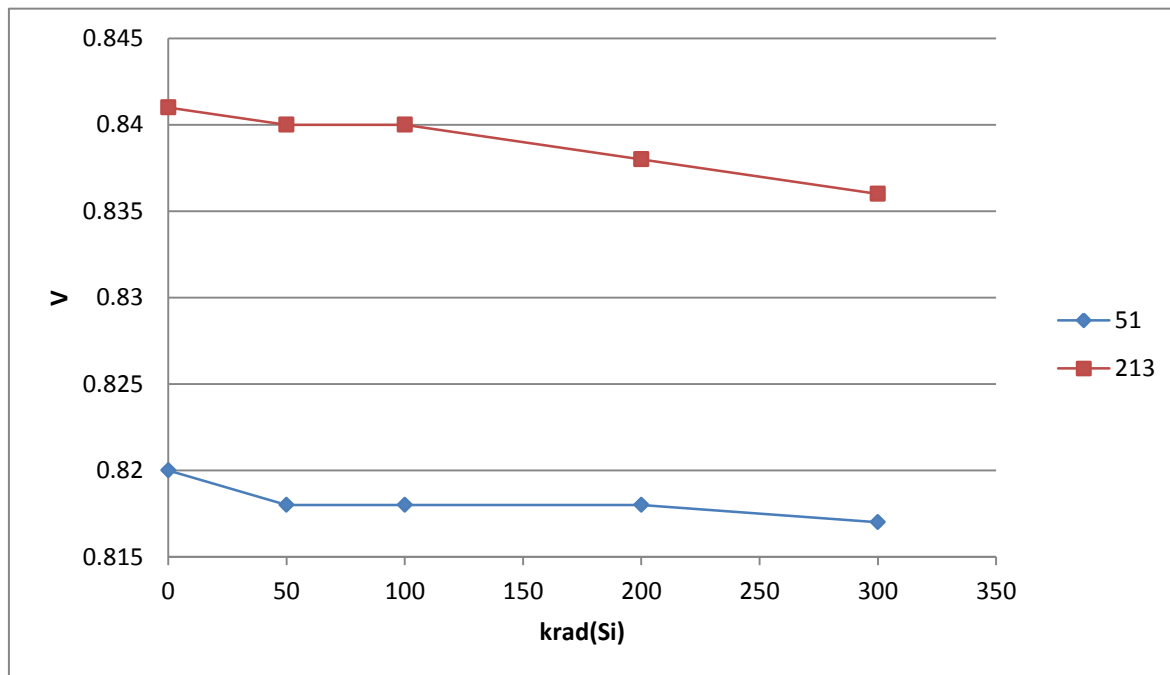


1757 VTH_NDM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.81999999	0.81800002	0.81800002	0.81800002	0.81699997
213	0.84100002	0.83999997	0.83999997	0.838	0.83600003
Average	0.83050001	0.829	0.829	0.82800001	0.8265
MAX	0.84100002	0.83999997	0.83999997	0.838	0.83600003
MIN	0.81999999	0.81800002	0.81800002	0.81800002	0.81699997
STD_dev	0.01484926	0.01555632	0.01555632	0.01414212	0.01343507

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.002	-0.002	-0.002	-0.003
213		-0.001	-0.001	-0.003	-0.005
Average		-0.0015	-0.0015	-0.0025	-0.004
MAX		-0.001	-0.001	-0.002	-0.003
MIN		-0.002	-0.002	-0.003	-0.005
STD_dev		0.00070706	0.00070706	0.00070714	0.0014142

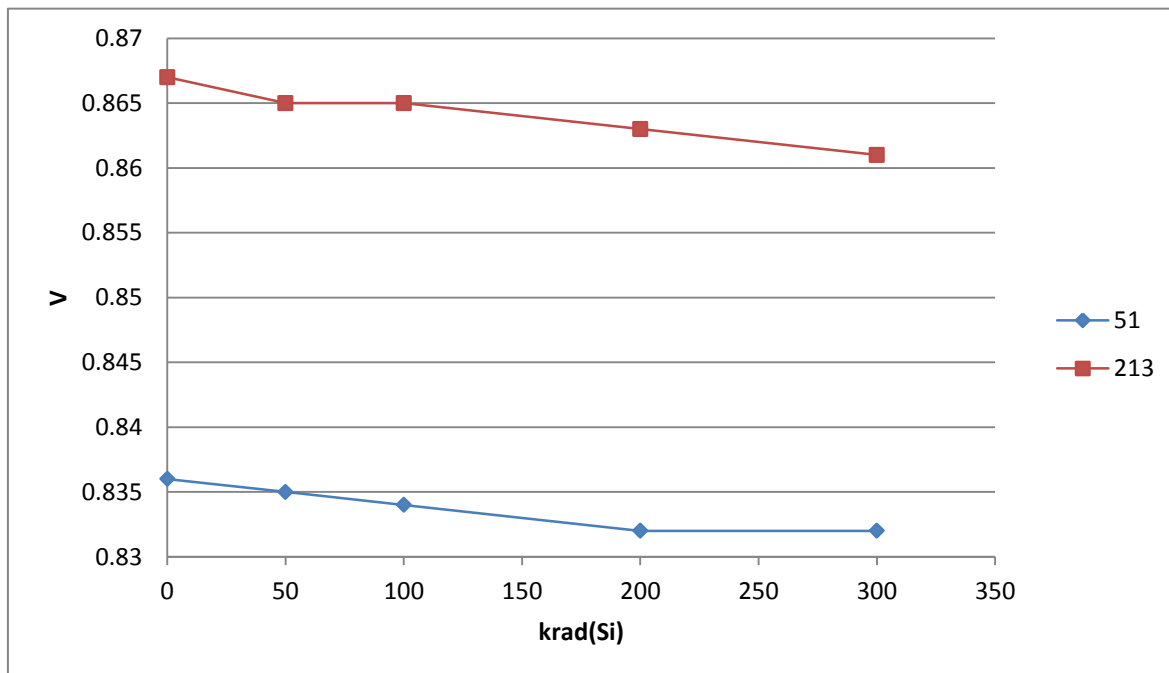


1758 VTH_DES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.83600003	0.83499998	0.83399999	0.83200002	0.83200002
213	0.86699998	0.86500001	0.86500001	0.86299998	0.861
Average	0.8515	0.84999999	0.8495	0.8475	0.84650001
MAX	0.86699998	0.86500001	0.86500001	0.86299998	0.861
MIN	0.83600003	0.83499998	0.83399999	0.83200002	0.83200002
STD_dev	0.02192028	0.02121323	0.02192032	0.02192028	0.02050609

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.001	-0.002	-0.004	-0.004
213		-0.002	-0.002	-0.004	-0.006
Average		-0.0015	-0.002	-0.004	-0.005
MAX		-0.001	-0.002	-0.004	-0.004
MIN		-0.002	-0.002	-0.004	-0.006
STD_dev		0.00070706	4.2426E-08	0	0.0014142

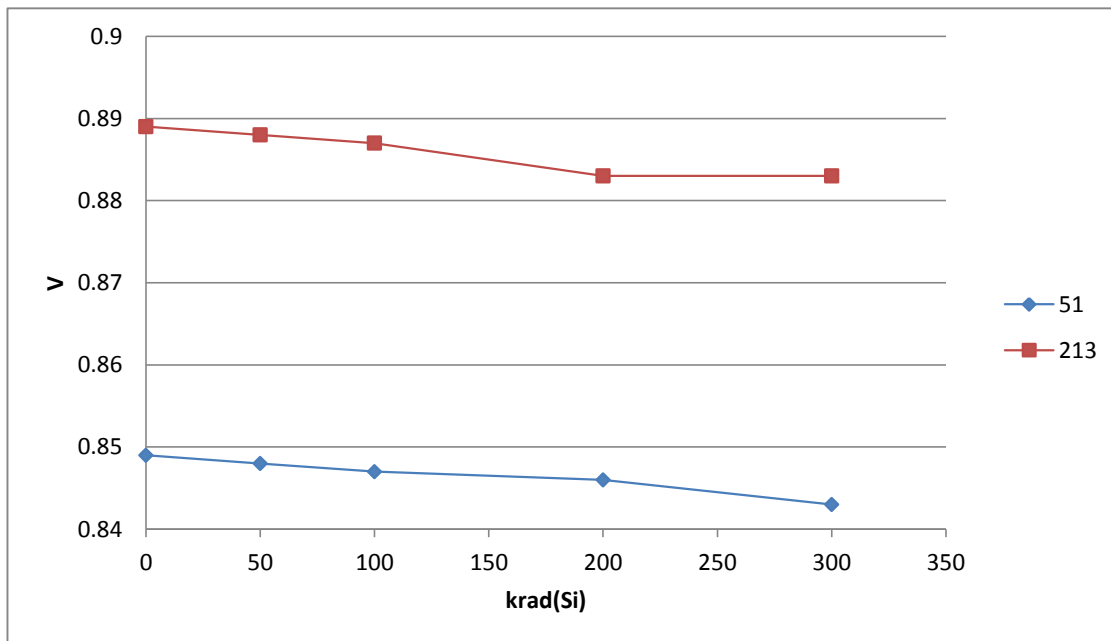


1759 VTH_DDRPHASE/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.84899998	0.84799999	0.847	0.84600002	0.843
213	0.889	0.88800001	0.88700002	0.88300002	0.88300002
Average	0.86899999	0.868	0.86700001	0.86450002	0.86300001
MAX	0.889	0.88800001	0.88700002	0.88300002	0.88300002
MIN	0.84899998	0.84799999	0.847	0.84600002	0.843
STD_dev	0.02828429	0.02828429	0.02828429	0.02616295	0.02828429

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.001	-0.002	-0.003	-0.006
213		-0.001	-0.002	-0.006	-0.006
Average		-0.001	-0.002	-0.0045	-0.006
MAX		-0.001	-0.002	-0.003	-0.006
MIN		-0.001	-0.002	-0.006	-0.006
STD_dev		7.0711E-10	7.0711E-10	0.00212134	7.0711E-10

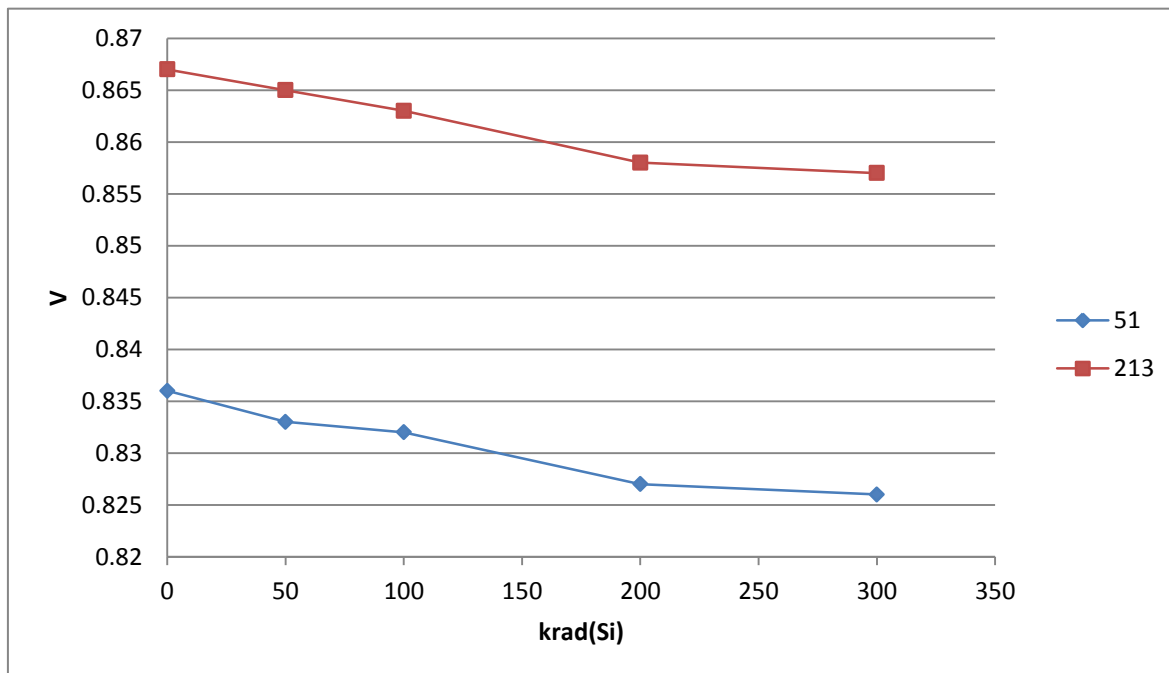


1760 VTH_ECEB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.83600003	0.833	0.83200002	0.82700002	0.82599998
213	0.86699998	0.86500001	0.86299998	0.85799998	0.85699999
Average	0.8515	0.84900001	0.8475	0.8425	0.84149998
MAX	0.86699998	0.86500001	0.86299998	0.85799998	0.85699999
MIN	0.83600003	0.833	0.83200002	0.82700002	0.82599998
STD_dev	0.02192028	0.02262742	0.02192028	0.02192028	0.02192032

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.003	-0.004	-0.009	-0.0100001
213		-0.002	-0.004	-0.009	-0.01
Average		-0.0025	-0.004	-0.009	-0.01
MAX		-0.002	-0.004	-0.009	-0.01
MIN		-0.003	-0.004	-0.009	-0.0100001
STD_dev		0.00070714	0	7.0711E-10	4.1719E-08

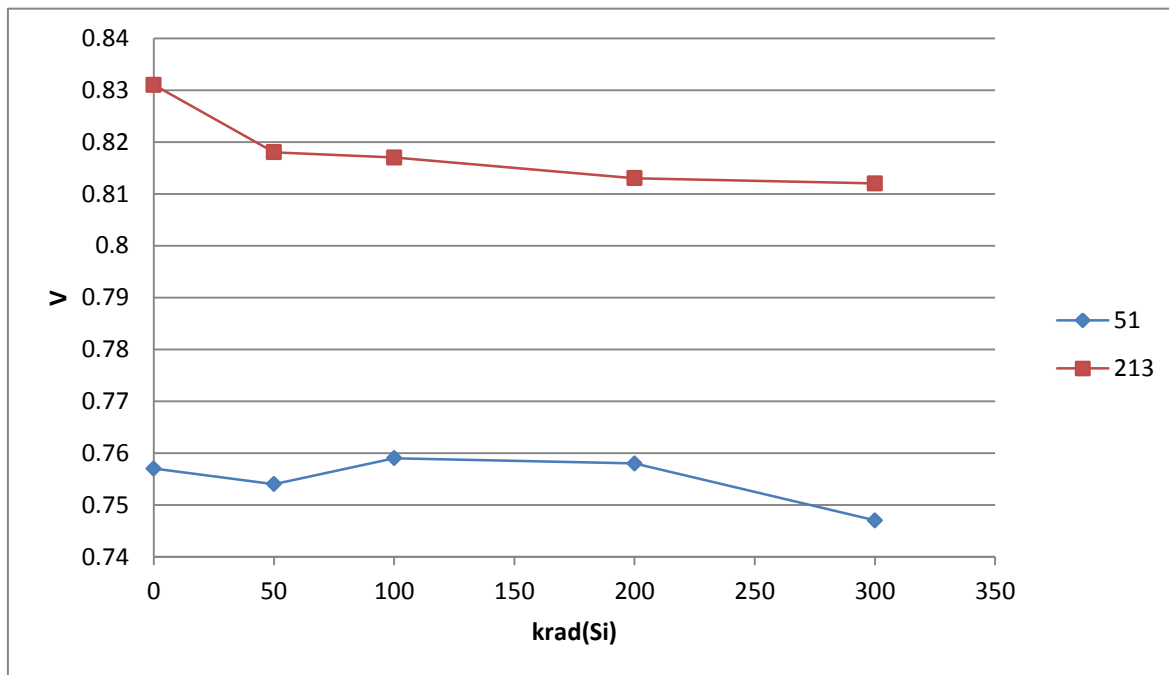


1761 VIH_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.75700003	0.75400001	0.759	0.75800002	0.74699998
213	0.83099997	0.81800002	0.81699997	0.81300002	0.81199998
Average	0.794	0.78600001	0.78799999	0.78550002	0.77949998
MAX	0.83099997	0.81800002	0.81699997	0.81300002	0.81199998
MIN	0.75700003	0.75400001	0.759	0.75800002	0.74699998
STD_dev	0.05232586	0.04525484	0.04101217	0.03889088	0.04596194

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.003	0.00199997	0.00099999	-0.01
213		-0.013	-0.014	-0.0179999	-0.019
Average		-0.008	-0.006	-0.0085	-0.0145
MAX		-0.003	0.00199997	0.00099999	-0.01
MIN		-0.013	-0.014	-0.0179999	-0.019
STD_dev		0.00707102	0.01131369	0.01343498	0.00636392

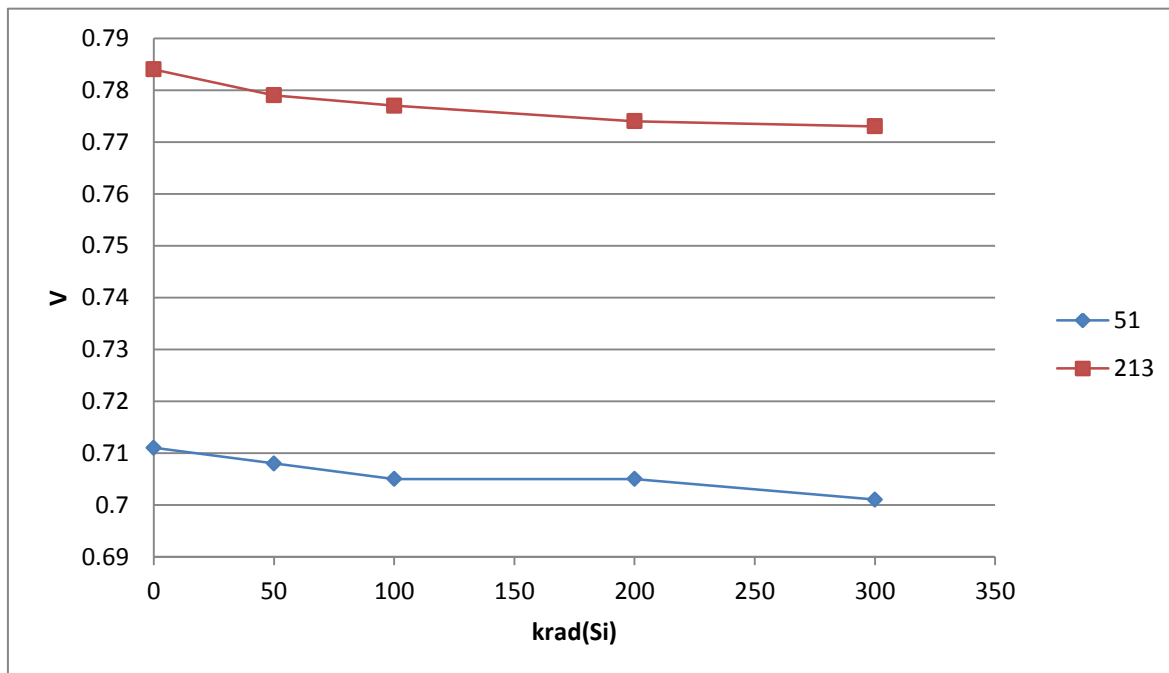


1762 VIL_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 0.58499998 Limit_Max 1.33000004 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.71100003	0.708	0.70499998	0.70499998	0.70099998
213	0.78399998	0.77899998	0.77700001	0.77399999	0.773
Average	0.7475	0.74349999	0.741	0.73949999	0.73699999
MAX	0.78399998	0.77899998	0.77700001	0.77399999	0.773
MIN	0.71100003	0.708	0.70499998	0.70499998	0.70099998
STD_dev	0.05161876	0.05020457	0.05091171	0.04879037	0.05091171

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.003	-0.006	-0.006	-0.0100001
213		-0.005	-0.007	-0.01	-0.011
Average		-0.004	-0.0065	-0.008	-0.0105
MAX		-0.003	-0.006	-0.006	-0.0100001
MIN		-0.005	-0.007	-0.01	-0.011
STD_dev		0.0014142	0.00070706	0.00282839	0.00070706

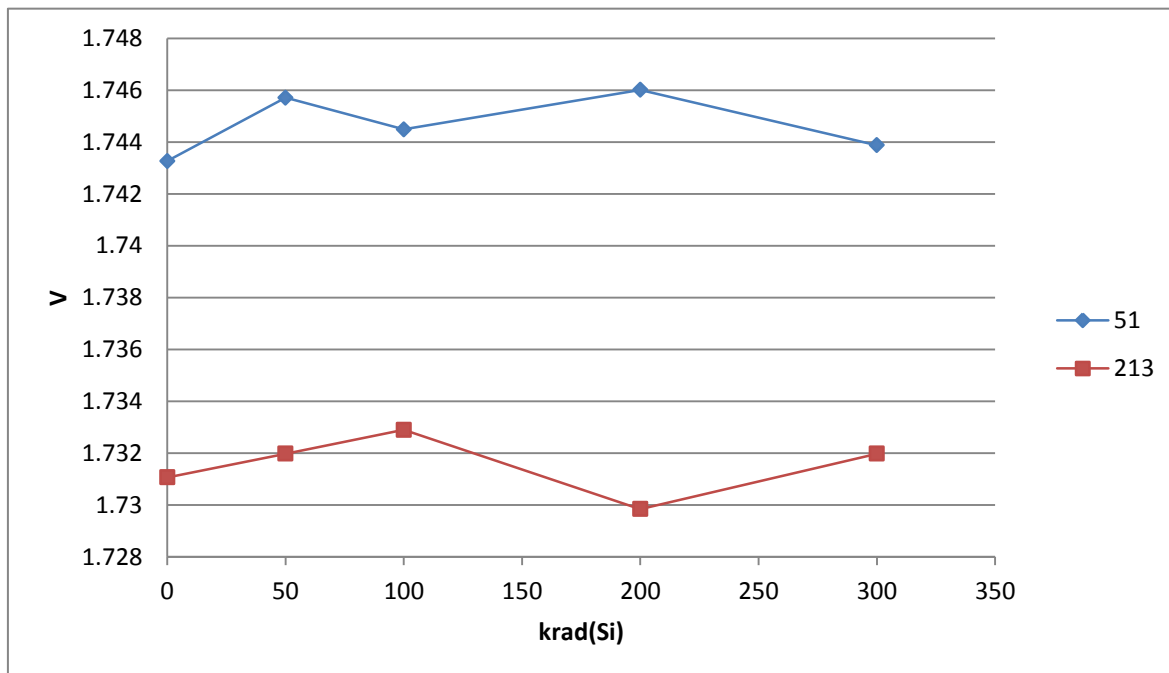


1763 VOH_CALRUN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 1.64999998 Limit_Max NA V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.74326444	1.74570513	1.74448478	1.74601018	1.74387455
213	1.73106098	1.73197615	1.73289144	1.72984064	1.73197615
Average	1.73716271	1.73884064	1.73868811	1.73792541	1.73792535
MAX	1.74326444	1.74570513	1.74448478	1.74601018	1.74387455
MIN	1.73106098	1.73197615	1.73289144	1.72984064	1.73197615
STD_dev	0.00862915	0.00970785	0.00819773	0.0114336	0.00841344

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.00244069	0.00122035	0.00274575	0.00061011
213		0.00091517	0.00183046	-0.0012203	0.00091517
Average		0.00167793	0.0015254	0.0007627	0.00076264
MAX		0.00244069	0.00183046	0.00274575	0.00091517
MIN		0.00091517	0.00122035	-0.0012203	0.00061011
STD_dev		0.00107871	0.00043142	0.00280445	0.00021571

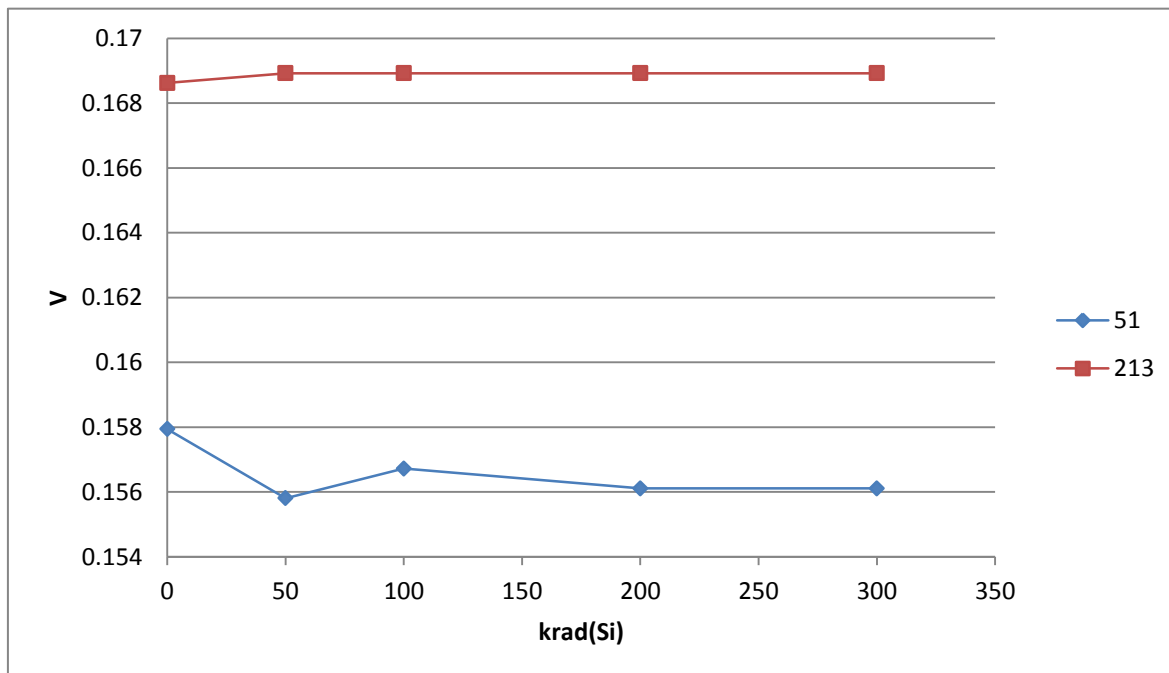


1764 VOL_CALRUN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min NA Limit_Max 0.22 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.15794036	0.15580475	0.15672001	0.15610984	0.15610984
213	0.1686184	0.16892348	0.16892348	0.16892348	0.16892348
Average	0.16327938	0.16236412	0.16282175	0.16251666	0.16251666
MAX	0.1686184	0.16892348	0.16892348	0.16892348	0.16892348
MIN	0.15794036	0.15580475	0.15672001	0.15610984	0.15610984
STD_dev	0.00755051	0.00927634	0.00862916	0.00906061	0.00906061

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0021356	-0.0012203	-0.0018305	-0.0018305
213		0.00030509	0.00030509	0.00030509	0.00030509
Average		-0.0009153	-0.0004576	-0.0007627	-0.0007627
MAX		0.00030509	0.00030509	0.00030509	0.00030509
MIN		-0.0021356	-0.0012203	-0.0018305	-0.0018305
STD_dev		0.00172583	0.00107864	0.0015101	0.0015101

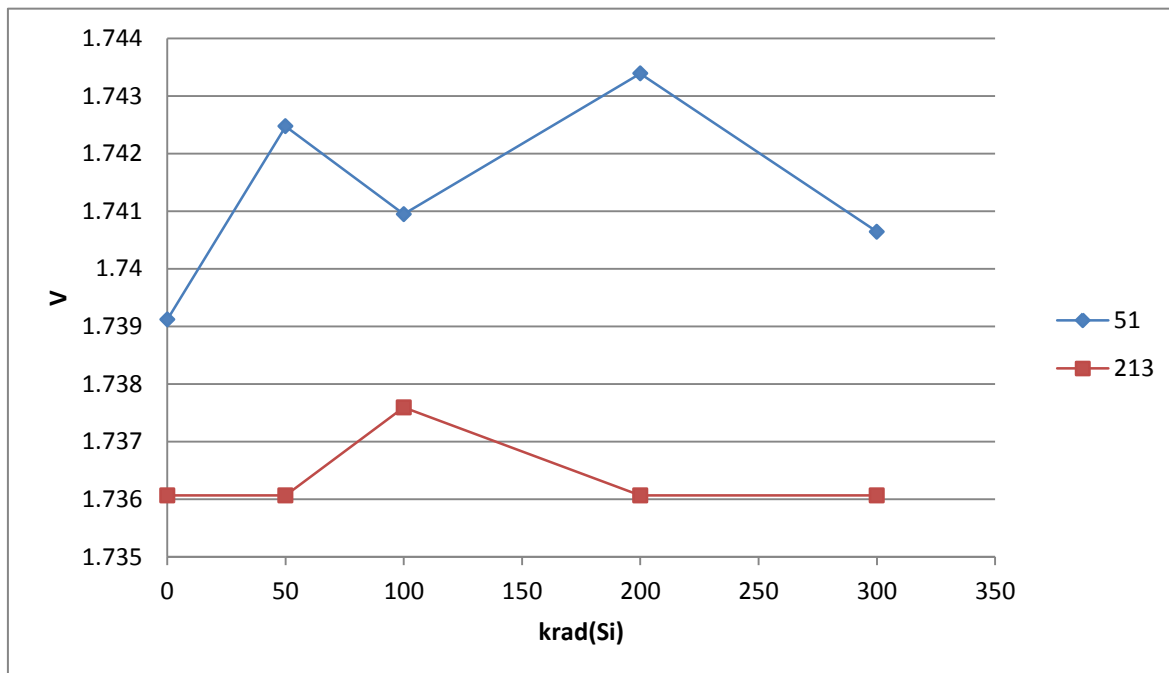


1765 VOH_SDO/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 1.64999998 Limit_Max NA V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.73911583	1.74247193	1.74094641	1.74338722	1.74064136
213	1.73606479	1.73606479	1.73759031	1.73606479	1.73606479
Average	1.73759031	1.73926836	1.73926836	1.73972601	1.73835307
MAX	1.73911583	1.74247193	1.74094641	1.74338722	1.74064136
MIN	1.73606479	1.73606479	1.73759031	1.73606479	1.73606479
STD_dev	0.00215741	0.00453053	0.00237312	0.00517774	0.00323612

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.0033561	0.00183058	0.00427139	0.00152552
213		0	0.00152552	0	0
Average		0.00167805	0.00167805	0.00213569	0.00076276
MAX		0.0033561	0.00183058	0.00427139	0.00152552
MIN		0	0.00152552	0	0
STD_dev		0.00237312	0.00021571	0.00302033	0.00107871

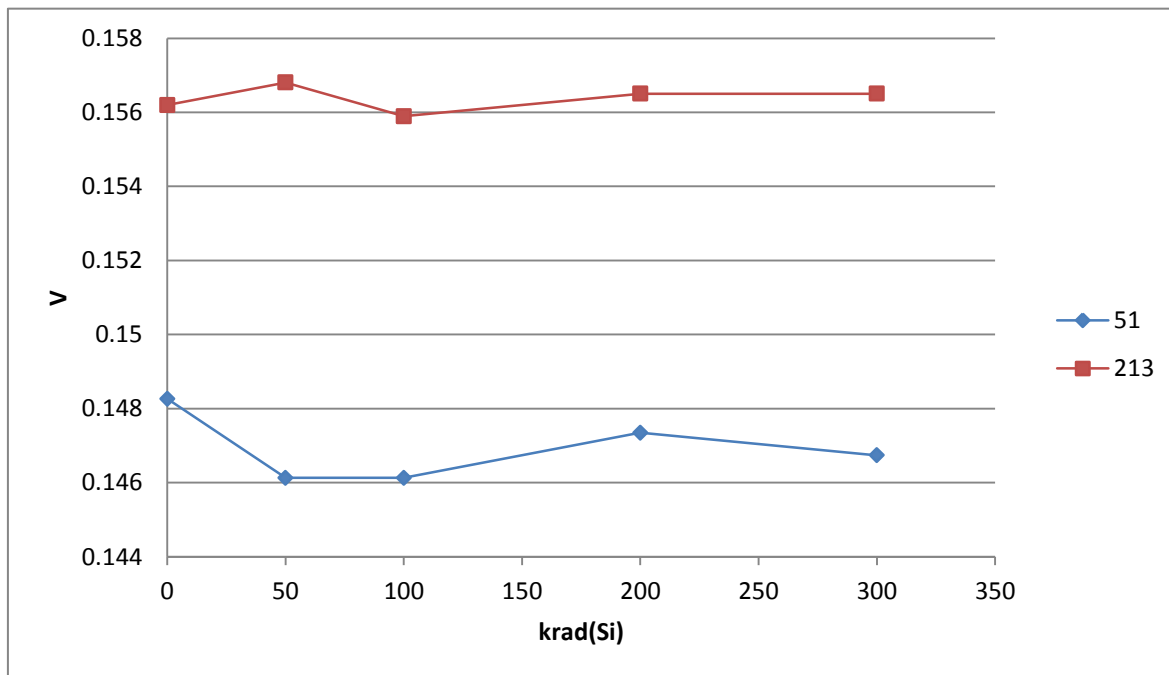


1766 VOL_SDO/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min NA Limit_Max 0.22 V

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.14826457	0.14612888	0.14612888	0.14734928	0.14673908
213	0.15619721	0.15680741	0.15589209	0.15650229	0.15650229
Average	0.15223089	0.15146814	0.15101048	0.15192579	0.15162069
MAX	0.15619721	0.15680741	0.15589209	0.15650229	0.15650229
MIN	0.14826457	0.14612888	0.14612888	0.14734928	0.14673908
STD_dev	0.00560922	0.00755086	0.00690363	0.00647215	0.00690363

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0021357	-0.0021357	-0.0009153	-0.0015255
213		0.0006102	-0.0003051	0.00030509	0.00030509
Average		-0.0007627	-0.0012204	-0.0003051	-0.0006102
MAX		0.0006102	-0.0003051	0.00030509	0.00030509
MIN		-0.0021357	-0.0021357	-0.0009153	-0.0015255
STD_dev		0.00194164	0.00129441	0.00086294	0.00129441

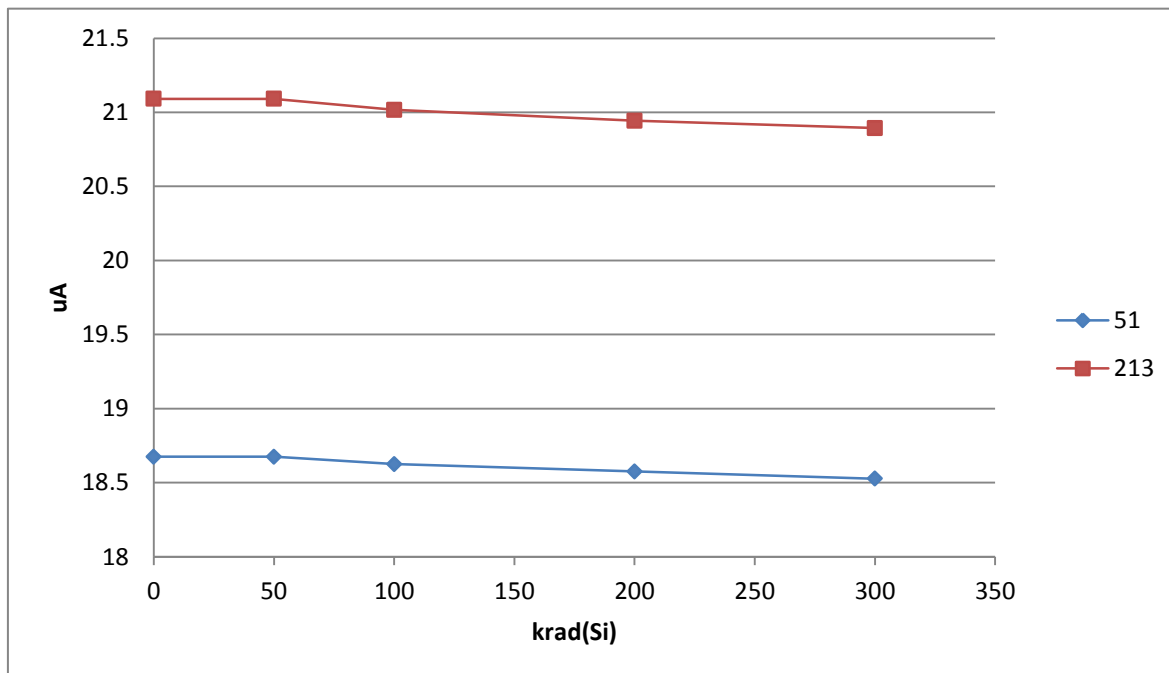


1770 IIH_RCLK_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min 9.99999975 Limit_Max 39.999999 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	18.6745224	18.6745224	18.6252041	18.5758858	18.5265675
213	21.0911388	21.0911388	21.0171623	20.943182	20.8938637
Average	19.8828306	19.8828306	19.8211832	19.7595339	19.7102156
MAX	21.0911388	21.0911388	21.0171623	20.943182	20.8938637
MIN	18.6745224	18.6745224	18.6252041	18.5758858	18.5265675
STD_dev	1.70880587	1.70880587	1.69136989	1.67393121	1.67393121

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0	-0.0493183	-0.0986366	-0.1479549
213		0	-0.0739765	-0.1479568	-0.1972752
Average		0	-0.0616474	-0.1232967	-0.1726151
MAX		0	-0.0493183	-0.0986366	-0.1479549
MIN		0	-0.0739765	-0.1479568	-0.1972752
STD_dev		0	0.01743598	0.03487466	0.03487466

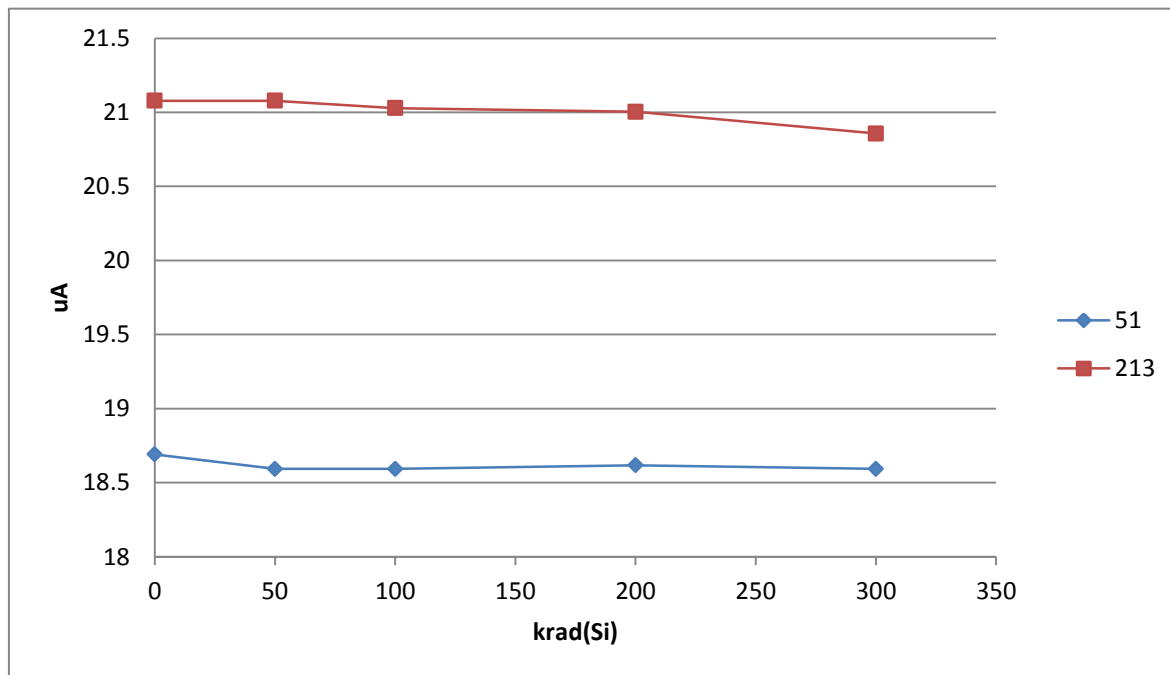


1771 IIH_RCLK_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min 9.99999975 Limit_Max 39.999999 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	18.6914558	18.5930386	18.5930386	18.6176434	18.5930386
213	21.0780163	21.0780163	21.0288086	21.0042057	20.8565826
Average	19.8847361	19.8355274	19.8109236	19.8109245	19.7248106
MAX	21.0780163	21.0780163	21.0288086	21.0042057	20.8565826
MIN	18.6914558	18.5930386	18.5930386	18.6176434	18.5930386
STD_dev	1.68755307	1.7571446	1.72234951	1.68755442	1.60056737

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-0.0984173	-0.0984173	-0.0738125	-0.0984173
213		0	-0.0492077	-0.0738106	-0.2214336
Average		-0.0492086	-0.0738125	-0.0738115	-0.1599255
MAX		0	-0.0492077	-0.0738106	-0.0984173
MIN		-0.0984173	-0.0984173	-0.0738125	-0.2214336
STD_dev		0.06959153	0.03479644	1.3489E-06	0.0869857

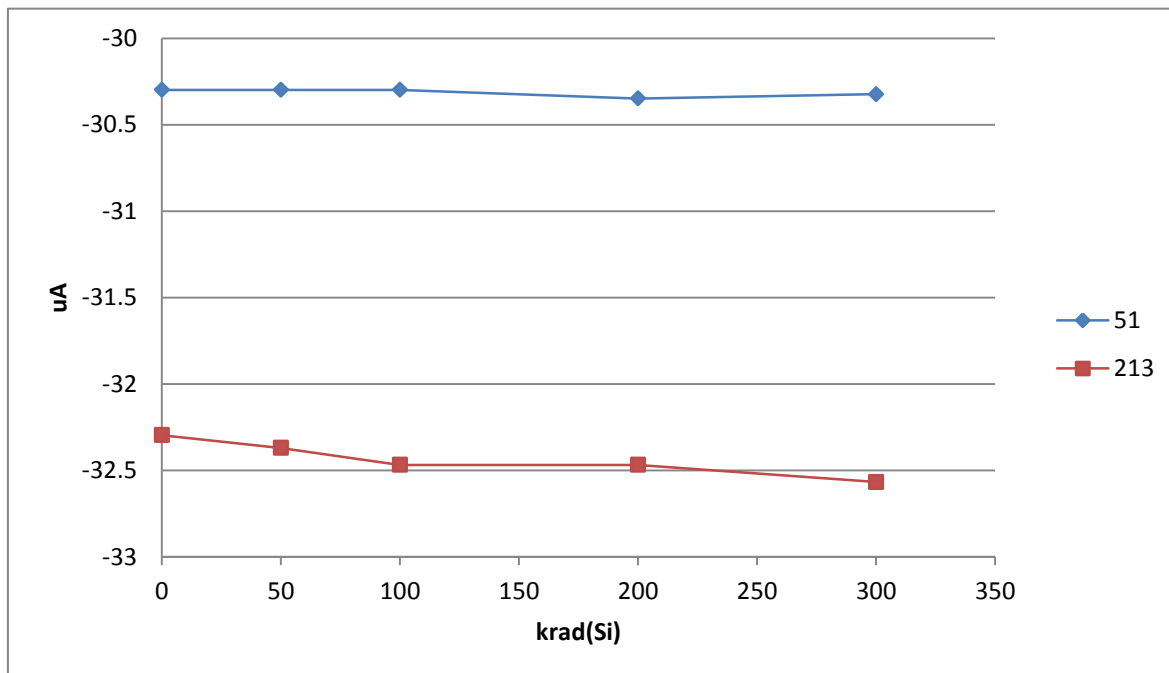


1772 IIL_RCLK_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min -49.999999 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-30.298939	-30.298939	-30.298939	-30.348255	-30.323599
213	-32.296345	-32.370319	-32.46896	-32.46896	-32.567596
Average	-31.297642	-31.334629	-31.383949	-31.408607	-31.445598
MAX	-30.298939	-30.298939	-30.298939	-30.348255	-30.323599
MIN	-32.296345	-32.370319	-32.46896	-32.46896	-32.567596
STD_dev	1.41237933	1.46468728	1.5344366	1.49956464	1.5867459

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0	0	-0.0493164	-0.0246601
213		-0.0739746	-0.1726151	-0.1726151	-0.2712517
Average		-0.0369873	-0.0863075	-0.1109657	-0.1479559
MAX		0	0	-0.0493164	-0.0246601
MIN		-0.0739746	-0.1726151	-0.1726151	-0.2712517
STD_dev		0.05230795	0.12205727	0.08718531	0.17436657

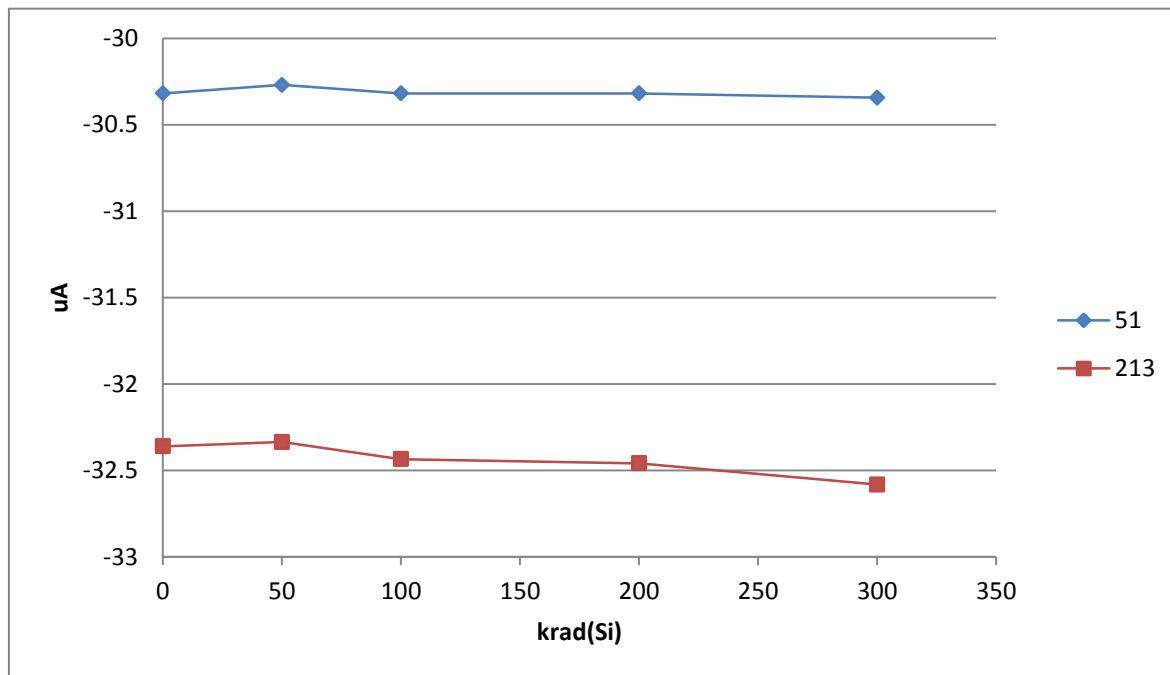


1773 IIL_RCLK_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min -49.999999 Limit_Max -9.9999997 uA

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-30.319178	-30.269972	-30.319178	-30.319178	-30.343782
213	-32.361286	-32.336685	-32.435097	-32.459702	-32.582726
Average	-31.340232	-31.303329	-31.377137	-31.38944	-31.463254
MAX	-30.319178	-30.269972	-30.319178	-30.319178	-30.343782
MIN	-32.361286	-32.336685	-32.435097	-32.459702	-32.582726
STD_dev	1.44398879	1.46138701	1.49618075	1.51357897	1.58317185

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.04920578	0	0	-0.0246048
213		0.02460098	-0.0738106	-0.0984154	-0.2214394
Average		0.03690338	-0.0369053	-0.0492077	-0.1230221
MAX		0.04920578	0	0	-0.0246048
MIN		0.02460098	-0.0738106	-0.0984154	-0.2214394
STD_dev		0.01739822	0.05219196	0.06959018	0.13918306

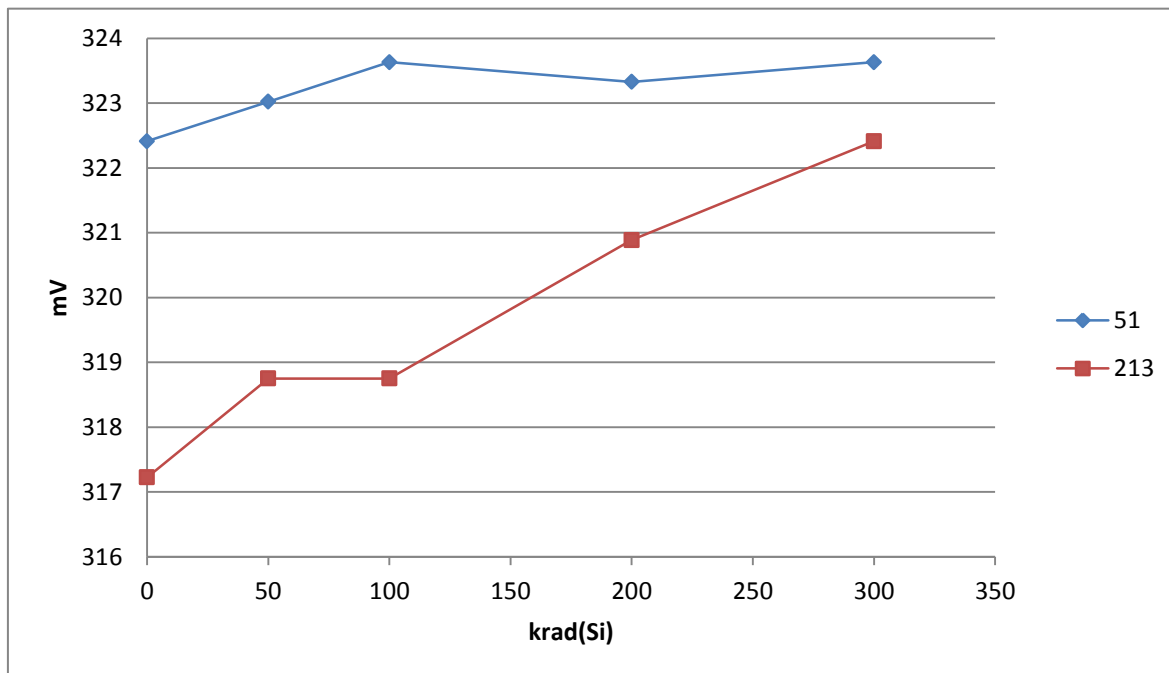


1840 VODH_DIO_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 189.999998 Limit_Max 419.999987 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	322.41095	323.021118	323.631104	323.326111	323.631104
213	317.224609	318.749847	318.749786	320.885254	322.410339
Average	319.81778	320.885483	321.190445	322.105682	323.020721
MAX	322.41095	323.021118	323.631104	323.326111	323.631104
MIN	317.224609	318.749847	318.749786	320.885254	322.410339
STD_dev	3.66729642	3.02024451	3.45161245	1.72594649	0.86321062

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		0.61016846	1.22015381	0.91516113	1.22015381
213		1.52523804	1.525177	3.66064453	5.18572998
Average		1.06770325	1.37266541	2.28790283	3.20294189
MAX		1.52523804	1.525177	3.66064453	5.18572998
MIN		0.61016846	1.22015381	0.91516113	1.22015381
STD_dev		0.64705191	0.21568397	1.94134993	2.8040858



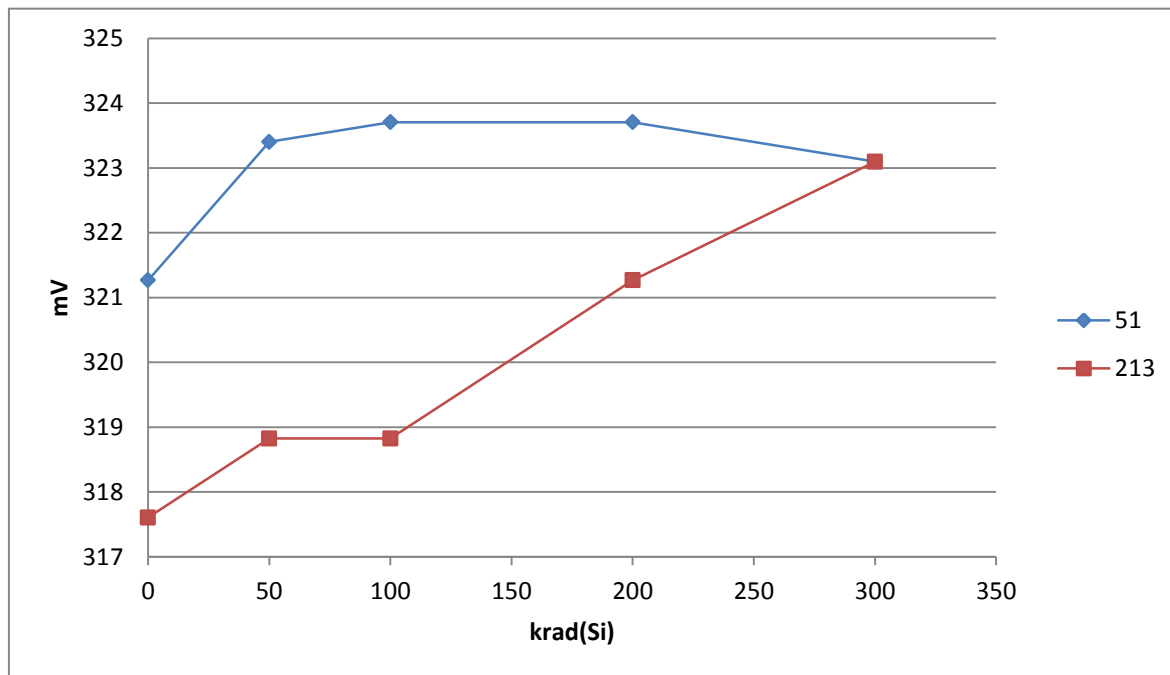


1888 VODL_DIO_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min 189.999998 Limit_Max 419.999987 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	321.265533	323.40097	323.706146	323.706146	323.095978
213	317.605011	318.825378	318.825378	321.266052	323.096344
Average	319.435272	321.113174	321.265762	322.486099	323.096161
MAX	321.265533	323.40097	323.706146	323.706146	323.096344
MIN	317.605011	318.825378	318.825378	321.266052	323.095978
STD_dev	2.58838025	3.23543216	3.45122402	1.72540701	0.00025895

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		2.13543701	2.44061279	2.44061279	1.83044434
213		1.22036743	1.22036743	3.66104126	5.49133301
Average		1.67790222	1.83049011	3.05082703	3.66088867
MAX		2.13543701	2.44061279	3.66104126	5.49133301
MIN		1.22036743	1.22036743	2.44061279	1.83044434
STD_dev		0.64705191	0.86284377	0.86297324	2.58863921

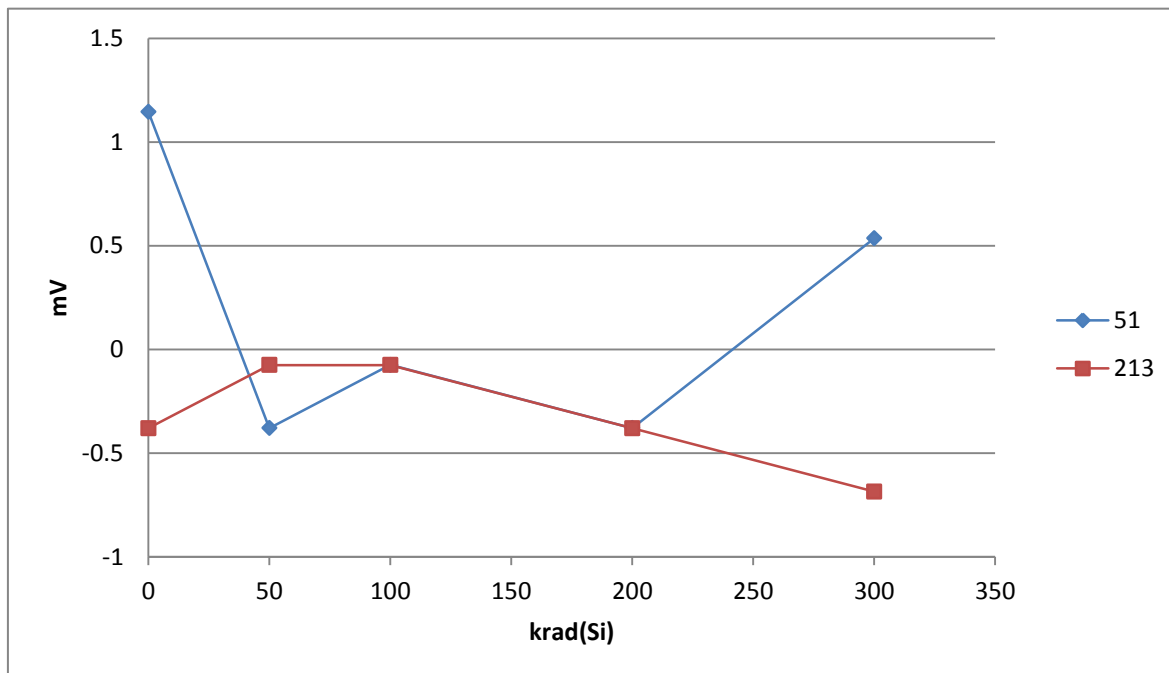


1936 DVOD_DIO_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min -20 Limit_Max 19.9999996 mV

Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.14542246	-0.3798604	-0.0750422	-0.3800392	0.5351305
213	-0.3803968	-0.0755191	-0.0755787	-0.3808141	-0.6859899
Average	0.38251281	-0.2276897	-0.0753105	-0.3804266	-0.0754297
MAX	1.14542246	-0.0755191	-0.0750422	-0.3800392	0.5351305
MIN	-0.3803968	-0.3798604	-0.0755787	-0.3808141	-0.6859899
STD_dev	1.07891718	0.21520181	0.00037932	0.00054791	0.86346249

Delta					
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51		-1.5252829	-1.2204647	-1.5254617	-0.610292
213		0.30487776	0.30481815	-0.0004172	-0.305593
Average		-0.6102026	-0.4578233	-0.7629395	-0.4579425
MAX		0.30487776	0.30481815	-0.0004172	-0.305593
MIN		-1.5252829	-1.2204647	-1.5254617	-0.610292
STD_dev		1.29411898	1.07853785	1.07836927	0.21545469





750 2HARM/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-63.5313	-66.3567	-66.535	-66.286	-65.0649
206	-70.4195	-67.6303	-71.3777	-70.0004	-68.8351
213	-68.2877	-71.5939	-68.8248	-69.925	-69.1078

751 3HARM/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-69.1398	-67.8502	-77.6852	-71.8503	-69.1759
206	-68.6392	-69.2626	-65.4732	-67.4486	-68.0569
213	-68.6931	-67.2499	-68.4518	-67.151	-73.2109

752 FSDIV4/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-81.9726	-75.6663	-76.0855	-75.637	-85.7292
206	-83.297	-80.7846	-78.6178	-77.8157	-77.0887
213	-90.7958	-94.5906	-81.1639	-84.5323	-83.3006

753 FSDIV2-FI/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-55.5096	-56.0903	-57.1668	-56.9755	-56.2978
206	-59.2882	-59.5321	-58.8702	-59.8245	-59.2704
213	-60.5654	-65.7568	-62.6057	-61.0297	-60.5064

754 FSDIV2/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-58.6951	-59.1558	-57.2452	-57.2311	-58.753
206	-63.4334	-61.6523	-61.6905	-64.4957	-62.5711
213	-66.6247	-66.9965	-82.5918	-71.1703	-66.1708



755 THD/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-63.3202	-65.4422	-66.4835	-66.0627	-64.6954
206	-67.7957	-66.7408	-65.3149	-66.7509	-66.8798
213	-66.9318	-66.9533	-67.1041	-66.5828	-68.7557

756 SNR2/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	53.48885	53.66301	54.39641	54.24022	54.01249
206	55.53127	55.62752	55.11386	55.62387	55.46472
213	56.22072	57.5333	57.06581	56.50072	56.31535

757 SFDR2/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.50962	56.09034	57.16677	56.97548	56.29776
206	59.28823	59.53212	58.87016	59.82446	59.27041
213	60.5654	65.75677	62.60571	61.02972	60.5064

758 SINAD2/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	52.87148	53.22124	54.05354	53.81001	53.45005
206	55.12766	55.10275	54.56717	55.06342	54.99792
213	55.6451	56.8759	56.41761	55.86895	55.95472

759 ENOB2/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.490279	8.54838	8.686634	8.646181	8.586387
206	8.865059	8.860922	8.771955	8.854389	8.843509
213	8.951014	9.155465	9.079337	8.988197	9.002446



760 AMP/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7.110463	7.146594	7.171976	7.142974	7.190151
206	7.29264	7.622856	7.150215	7.204718	7.186512
213	7.171976	7.204718	7.21566	7.296323	7.31476

761 DBFS/I/1_2/L/1.9/1.9/H/248/0/200/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.477283	0.475043	0.470564	0.484007	0.484007
206	0.466088	0.468326	0.488492	0.488492	0.479524
213	0.475043	0.488492	0.470564	0.463851	0.481765

770 2HARM/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-78.2207	-71.7282	-83.9218	-83.6612	-85.0043
206	-79.6256	-80.708	-83.3219	-76.5018	-79.4888
213	-75.4931	-75.8128	-78.6525	-79.1216	-76.8658

771 3HARM/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDRO

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.4015	-71.981	-71.9689	-70.868	-71.4321
206	-72.1838	-72.2396	-71.7422	-72.533	-71.3958
213	-72.3148	-72.3222	-72.0797	-72.2372	-71.6615

772 FSDIV4/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.225	-67.0722	-65.2349	-63.3565	-64.4538
206	-70.0878	-71.7407	-66.2461	-73.8083	-76.7774
213	-81.02	-71.576	-70.8426	-73.8804	-70.7324



773 FSDIV2-FI/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.077	-63.2902	-62.4055	-62.0986	-62.2873
206	-59.9466	-59.2555	-58.7038	-58.0064	-59.3655
213	-63.6666	-64.6738	-65.3523	-63.7275	-63.4289

774 FSDIV2/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-68.1379	-66.1255	-68.8727	-66.002	-67.8934
206	-67.7676	-71.2078	-71.3777	-66.5235	-73.8444
213	-70.4531	-74.9982	-76.1868	-70.196	-68.908

775 THD/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.2058	-70.146	-71.8053	-70.771	-70.9793
206	-71.9724	-72.1052	-71.5509	-72.125	-71.136
213	-71.7622	-71.7244	-71.5177	-71.9629	-71.3349

776 SNR2/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	53.56287	54.04263	53.45853	53.03624	53.35529
206	53.62825	53.96762	53.43479	52.58702	53.87625
213	55.45888	55.44243	55.2611	55.33255	54.86686

777 SFDR2/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.61889	59.61223	59.01446	58.58591	58.87952
206	59.94655	59.25548	58.70375	58.00643	59.36547
213	62.18938	61.69745	61.25143	61.35224	61.01137



778 SINAD2/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	53.44531	53.85608	53.36511	52.93538	53.23174
206	53.5246	53.87284	53.33233	52.50976	53.74899
213	55.29236	55.27463	55.09668	55.18941	54.71507

779 ENOB2/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.5856	8.653834	8.572278	8.500894	8.550123
206	8.598771	8.656618	8.566833	8.430193	8.636045
213	8.892419	8.889474	8.859913	8.875319	8.796523

780 AMP/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7.161088	7.175607	7.182876	7.19379	7.208364
206	7.08526	7.092453	7.096053	7.092453	7.092453
213	7.081666	7.124897	7.157463	7.175607	7.197431

781 DBFS/Q/1_4/L/1.9/1.9/H/0/248/250/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/H/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.470564	0.470564	0.479524	0.472803	0.466088
206	0.477283	0.486249	0.475043	0.481765	0.481765
213	0.477283	0.479524	0.475043	0.475043	0.472803

790 2HARM/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-76.6196	-95.2815	-70.9132	-75.1063	-73.5584
206	-78.6774	-98.7641	-76.4892	-90.2671	-78.7071
213	-83.9208	-74.6103	-73.3086	-78.3998	-81.0213



791 3HARM/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-68.7905	-72.8162	-75.5716	-77.0433	-75.3271
206	-78.4855	-80.6671	-76.5679	-79.9515	-79.8763
213	-70.5878	-76.0583	-78.3975	-76.4197	-76.7028

792 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-80.1619	-82.8568	-94.5432	-81.7816	-84.5545
206	-82.5124	-84.0433	-84.5398	-87.0173	-91.2645
213	-91.6866	-92.0059	-86.3573	-77.4419	-78.9149

793 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-83.0223	-82.7915	-89.307	-80.273	-94.6878
206	-89.3178	-89.4806	-82.4097	-93.1278	-89.7831
213	-88.5556	-85.8344	-87.9583	-95.2852	-91.1448

794 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-86.8678	-86.8741	-91.0118	-92.5851	-82.8638
206	-91.6692	-109.832	-96.6202	-115.131	-85.2098
213	-82.989	-88.5794	-87.4767	-83.287	-87.523

795 THD/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-68.324	-71.2376	-69.7272	-72.9307	-71.5443
206	-73.0667	-73.7092	-73.071	-72.1228	-71.9988
213	-70.1582	-71.8084	-72.1207	-71.1767	-73.3042



796 SNR2/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.12257	59.31688	58.77397	59.18821	58.46347
206	59.74742	59.90156	59.61988	56.50358	59.88477
213	59.61907	59.82016	60.09702	59.51127	59.93947

797 SFDR2/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	68.79045	72.81622	70.91323	74.87318	73.55841
206	73.77582	73.89486	74.53331	72.27756	73.10157
213	70.58776	73.09675	73.30865	71.61568	73.96827

798 SINAD2/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.26612	58.71978	58.08072	58.82273	58.02328
206	59.37807	59.63036	59.21956	56.33284	59.39142
213	59.05217	59.3349	59.64528	59.02393	59.61778

799 ENOB2/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.386398	9.461758	9.3556	9.478859	9.34606
206	9.571109	9.613016	9.544778	9.065256	9.573325
213	9.516971	9.563936	9.615495	9.512281	9.610928

800 AMP/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.292106	9.279285	9.270279	9.244138	9.271311
206	9.445455	9.658465	9.346308	9.40081	9.368155
213	9.37096	9.346028	9.322547	9.368924	9.401631



801 DBFS/I/1_2/H/1.9/1.9/H/248/0/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.495224	0.499716	0.495224	0.495224	0.488492
206	0.499716	0.499716	0.49298	0.479524	0.486249
213	0.495224	0.481765	0.49747	0.501962	0.486249

810 2HARM/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-76.7831	-73.2445	-78.633	-78.6979	-79.2572
206	-79.3808	-74.8349	-76.5766	-78.5073	-77.7882
213	-74.0398	-71.8576	-79.3842	-76.0209	-70.8537

811 3HARM/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-78.7848	-76.2908	-79.3162	-74.5866	-75.3956
206	-80.2606	-77.6975	-74.9684	-80.5874	-75.8135
213	-79.7813	-76.2373	-73.3543	-79.4069	-77.5441

812 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-80.838	-80.7848	-84.9047	-87.4024	-85.4475
206	-83.2025	-79.9619	-84.9118	-82.3358	-95.7913
213	-85.5637	-87.07	-95.0461	-79.6883	-79.9347

813 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-83.0334	-84.976	-82.2694	-80.2997	-81.3731
206	-93.2481	-85.5023	-85.9344	-89.687	-92.8137
213	-80.0246	-87.8633	-85.6914	-84.22	-85.6417



814 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-79.1729	-77.7616	-81.6893	-78.4921	-83.2977
206	-86.038	-86.2761	-78.3836	-82.3545	-91.782
213	-76.8503	-99.3971	-79.311	-95.6273	-78.646

815 THD/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-72.2323	-71.6082	-73.251	-70.576	-72.1137
206	-72.8703	-72.8165	-72.1577	-72.375	-72.6991
213	-72.743	-70.9023	-72.2988	-73.8946	-70.258

816 SNR2/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.87012	58.74131	58.49895	58.87874	58.8561
206	59.49844	59.5263	59.39726	59.78992	59.44153
213	59.85051	60.23822	60.04691	59.94236	59.84417

817 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	73.26691	73.24454	74.08825	71.74864	73.37488
206	74.72128	74.53929	74.83566	73.66828	74.85985
213	74.03985	71.85764	73.35431	75.74078	70.85365

818 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.45819	58.30241	58.22327	58.30238	58.44629
206	59.09916	59.14427	58.89278	59.27618	58.9692
213	59.39886	59.61241	59.61831	59.5806	59.14157



819 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.418305	9.392427	9.379281	9.392422	9.416328
206	9.524777	9.532271	9.490495	9.554183	9.50319
213	9.574562	9.610034	9.611014	9.604752	9.531822

820 AMP/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.311026	9.282495	9.284039	9.280661	9.272414
206	9.243833	9.248146	9.237362	9.253906	9.233764
213	9.20288	9.183252	9.193072	9.20554	9.24725

821 DBFS/Q/1_2/H/1.9/1.9/H/0/248/200/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.495224	0.510954	0.499716	0.481765	0.501962
206	0.49298	0.490736	0.501962	0.49298	0.499716
213	0.49298	0.49747	0.504209	0.501962	0.49298

830 2HARM/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-80.5377	-80.294	-83.3176	-80.9636	-79.8634
206	-71.0522	-73.1558	-69.0741	-74.0662	-73.5734
213	-68.784	-65.9223	-71.7584	-70.9473	-75.0891

831 3HARM/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.1684	-65.93	-66.538	-65.2479	-66.7961
206	-68.3206	-68.3291	-67.0503	-66.0728	-66.0689
213	-67.2411	-68.5304	-68.5101	-68.4289	-68.2686



832 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-87.2824	-92.534	-86.0499	-92.5223	-96.1952
206	-87.9874	-92.243	-87.0025	-86.3764	-88.921
213	-94.9753	-85.9899	-93.335	-96.5287	-96.1507

833 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-72.635	-76.367	-72.6002	-72.3404	-79.7012
206	-78.1436	-74.432	-78.3221	-80.0979	-72.8546
213	-78.4674	-73.1019	-76.4553	-75.8441	-75.2212

834 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-87.139	-91.2176	-82.9049	-94.6041	-80.299
206	-101.039	-110.523	-89.6255	-93.7781	-84.6111
213	-108.261	-102.076	-95.6365	-96.8866	-87.8843

835 THD/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-62.3 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.8556	-65.8634	-66.4214	-65.1702	-66.6378
206	-67.6497	-67.9839	-66.2732	-65.8808	-65.9516
213	-66.2788	-65.3044	-67.7386	-67.2815	-67.9893

836 SNR2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	57.6	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.59105	59.53493	59.47899	59.47321	59.49225
206	60.32166	60.33823	60.33266	60.05637	60.20159
213	59.95914	60.14314	59.83413	60.01102	60.07528



837 SFDR2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	62.5	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	67.1684	65.93001	66.53799	65.24787	66.79607
206	68.32059	68.32906	67.05032	66.0728	66.06889
213	67.24114	65.92233	68.51006	68.42889	68.26863

838 SINAD2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	56.54	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.46788	58.40814	58.4482	58.13239	58.49984
206	59.15134	59.34044	58.8534	58.63398	58.83111
213	58.47583	58.42962	58.70642	58.69474	59.07995

839 ENOB2/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	9.1	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.419913	9.409989	9.416645	9.364184	9.425223
206	9.533445	9.564857	9.483954	9.447504	9.480251
213	9.421233	9.413559	9.459538	9.457599	9.521587

840 AMP/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.292106	9.279285	9.270279	9.244138	9.271311
206	9.445455	9.658465	9.346308	9.40081	9.368155
213	9.37096	9.346028	9.322547	9.368924	9.401631

841 DBFS/I/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.513203	0.515453	0.504209	0.510954	0.501962
206	0.504209	0.468326	0.506457	0.490736	0.499716
213	0.508705	0.49747	0.517703	0.517703	0.495224



850 2HARM/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.1905	-74.2426	-69.7909	-66.3655	-68.4153
206	-69.2293	-72.5947	-76.729	-68.4202	-68.7716
213	-71.459	-71.7215	-67.2815	-67.1193	-68.1506

851 3HARM/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-54 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.4428	-66.6829	-66.8519	-66.723	-66.2558
206	-64.98	-67.3326	-67.1043	-66.3227	-67.4542
213	-69.2028	-68.8223	-68.5841	-68.785	-68.7233

852 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-97.0073	-90.105	-89.9681	-89.0912	-97.8869
206	-97.1694	-94.0916	-87.3455	-86.6495	-88.2395
213	-89.4761	-91.3737	-90.3092	-97.8241	-93.6404

853 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-77.7864	-73.1286	-72.6327	-71.8419	-72.3638
206	-79.0179	-74.2508	-78.6103	-73.6219	-73.0907
213	-76.0867	-88.4866	-80.3391	-77.1099	-78.316

854 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-73.8365	-74.1438	-73.9734	-75.996	-76.3573
206	-76.3947	-75.2324	-77.2503	-74.968	-74.4732
213	-80.107	-81.1165	-80.4594	-82.1312	-82.3149



855 THD/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-62.3	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.9913	-66.3087	-66.239	-64.9522	-65.4866
206	-64.6589	-67.0352	-66.9899	-65.5948	-66.4381
213	-68.1288	-68.1133	-65.7203	-66.1971	-66.8409

856 SNR2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	57.6	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.94443	59.8681	59.81139	59.90565	59.6813
206	59.73808	60.14424	60.36124	60.05108	60.05877
213	60.41467	59.65209	60.30698	60.34351	60.40836

857 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	62.5	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	66.44279	66.68293	66.85186	66.36552	66.25584
206	64.98	67.33255	67.10426	66.32269	67.45416
213	69.20284	68.8223	67.28149	67.11927	68.15062

858 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	56.54	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.86776	58.4443	58.44576	58.00353	58.11607
206	58.04437	58.91077	59.17187	58.5259	58.65324
213	59.21631	58.65859	58.30974	58.82033	58.98876

859 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	9.1	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.320226	9.415997	9.416239	9.34278	9.361474
206	9.349564	9.493484	9.536855	9.429551	9.450705
213	9.544237	9.451593	9.393645	9.47846	9.506438



860 AMP/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.311026	9.282495	9.284039	9.280661	9.272414
206	9.243833	9.248146	9.237362	9.253906	9.233764
213	9.20288	9.183252	9.193072	9.20554	9.24725

861 DBFS/Q/1_2/H/1.9/1.9/H/0/248/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.519955	0.531219	0.517703	0.506457	0.528965
206	0.522206	0.515453	0.526711	0.517703	0.522206
213	0.519955	0.528965	0.526711	0.522206	0.513203

870 2HARM/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-78.0621	-83.966	-90.714	-68.6306	-85.1981
206	-75.2907	-108.808	-73.9018	-71.1052	-76.4915
213	-70.9806	-73.881	-68.3453	-73.8354	-68.4161

871 3HARM/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.7673	-66.7585	-66.3725	-66.5572	-66.6314
206	-65.1106	-67.0504	-66.4117	-65.6647	-67.8604
213	-68.2247	-68.3851	-68.1562	-67.9221	-66.3913

872 FSDIV4/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-89.8546	-97.8021	-85.3303	-92.4486	-96.3672
206	-90.7763	-90.1645	-85.0666	-90.9289	-86.1995
213	-102.26	-85.3659	-93.6949	-95.7279	-104.331



873 FSDIV2-FI/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-74.8047	-80.3502	-75.0619	-74.794	-84.3148
206	-76.3205	-80.4871	-75.9114	-74.7506	-84.1112
213	-77.6059	-82.2045	-79.0464	-83.2092	-81.1149

874 FSDIV2/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-75.496	-75.7767	-73.5835	-74.7828	-73.079
206	-75.3645	-73.8159	-76.3039	-74.3681	-77.1039
213	-76.3264	-78.6337	-76.5526	-74.6909	-78.2049

875 THD/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.6122	-66.5809	-66.2239	-65.6925	-66.5436
206	-65.0533	-66.9908	-66.2766	-65.4577	-67.6736
213	-67.372	-67.3453	-66.5883	-67.5216	-65.2398

876 SNR2/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.37647	59.21753	59.03311	59.50044	59.56429
206	59.90722	60.3172	59.05644	59.99171	60.15335
213	60.03587	59.77824	60.03221	60.22095	60.14833

877 SFDR2/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	66.76729	66.75854	66.37247	66.55723	66.63144
206	65.11064	67.0504	66.41174	65.66467	67.8604
213	68.22473	68.38506	68.15616	67.92211	66.39125



878 SINAD2/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDRO

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.34247	58.19516	57.9779	57.93549	58.57767
206	58.48189	59.27217	57.99804	58.52289	59.15061
213	58.75756	58.56526	58.59772	59.05004	58.19057

879 ENOB2/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDRO

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.399081	9.374611	9.338522	9.331477	9.438151
206	9.42224	9.553516	9.341867	9.429051	9.533323
213	9.468033	9.43609	9.441482	9.516618	9.37385

880 AMP/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.292106	9.279285	9.270279	9.244138	9.271311
206	9.445455	9.658465	9.346308	9.40081	9.368155
213	9.37096	9.346028	9.322547	9.368924	9.401631

881 DBFS/I/1_1/H/1.9/1.9/H/248/0/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.513203	0.508705	0.506457	0.501962	0.501962
206	0.499716	0.443742	0.506457	0.495224	0.495224
213	0.501962	0.490736	0.510954	0.513203	0.488492

890 2HARM/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-80.6193	-80.6891	-70.4339	-80.2175	-78.2911
206	-70.7781	-72.8383	-71.7688	-71.8924	-79.6015
213	-71.6058	-69.6937	-70.9891	-67.0908	-67.1554



891 3HARM/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-54	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-66.7214	-66.7769	-66.9326	-66.6758 -66.8809
206	-65.1664	-67.8655	-66.6009	-67.526 -66.7892
213	-67.5037	-68.9929	-69.2289	-69.0047 -68.8436

892 FSDIV4/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-95.8678	-87.4573	-87.0003	-90.5358 -95.3362
206	-97.9007	-89.7238	-86.3952	-86.7288 -87.0658
213	-90.7884	-92.5152	-91.3442	-93.7719 -93.6487

893 FSDIV2-FI/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-45	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-75.2429	-80.8407	-85.2858	-75.3132 -75.2147
206	-81.748	-81.7432	-76.315	-84.4829 -75.1883
213	-77.84	-81.5261	-78.7243	-81.2164 -79.2257

894 FSDIV2/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-50	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-69.3385	-68.309	-68.5142	-68.3165 -69.3088
206	-69.0911	-68.3472	-68.7049	-69.4665 -69.4469
213	-70.3351	-69.8609	-69.6071	-69.8724 -70.3545

895 THD/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-66.4305	-66.6282	-66.4091	-66.4297 -66.7759
206	-64.9381	-67.4445	-66.1783	-67.1568 -66.6464
213	-67.0805	-67.5774	-68.1686	-66.2661 -65.985



896 SNR2/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.94593	59.48693	59.72065	59.13921	59.96519
206	60.39812	60.10616	60.0169	60.49902	59.75415
213	60.12363	60.3736	60.11811	59.54778	60.33565

897 SFDR2/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	66.72144	66.77687	66.93263	66.67577	66.88089
206	65.16639	67.86553	66.60091	67.52596	66.78921
213	67.50365	68.9929	69.22885	67.09077	67.15544

898 SINAD2/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.70027	58.43268	58.38927	58.10843	58.88587
206	58.57794	58.88928	58.53056	59.25233	58.62976
213	58.94091	59.06806	59.02167	58.25925	58.61431

899 ENOB2/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.458516	9.414067	9.406856	9.360204	9.489347
206	9.438195	9.489914	9.430326	9.55022	9.446804
213	9.49849	9.51961	9.511905	9.385258	9.444237

900 AMP/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.311026	9.282495	9.284039	9.280661	9.272414
206	9.243833	9.248146	9.237362	9.253906	9.233764
213	9.20288	9.183252	9.193072	9.20554	9.24725



901 DBFS/Q/1_1/H/1.9/1.9/H/0/248/800/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.517703	0.531219	0.519955	0.504209	0.524458
206	0.519955	0.508705	0.517703	0.515453	0.517703
213	0.519955	0.519955	0.524458	0.519955	0.508705

910 2HARM/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-81.0084	-82.7723	-74.6268	-78.1738	-87.3309
206	-74.25	-75.7194	-79.3638	-69.8625	-72.3175
213	-72.1901	-67.6091	-67.4018	-71.6886	-72.3302

911 3HARM/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.2505	-66.6079	-67.1565	-67.1708	-66.6223
206	-66.0747	-65.8278	-66.0205	-67.1521	-66.5545
213	-67.9131	-68.1781	-67.9101	-68.1118	-67.7915

912 FSDIV4/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-78.3052	-75.795	-75.2168	-75.3179	-78.999
206	-78.6115	-78.9197	-80.675	-77.7359	-77.7057
213	-75.2046	-75.1358	-74.5388	-73.945	-75.6476

913 FSDIV2-FI/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.7899	-65.7544	-64.9142	-66.0322	-65.4892
206	-65.9164	-65.0622	-65.9403	-64.2157	-65.7324
213	-67.9419	-68.5678	-66.9515	-67.2125	-67.8252



914 FSDIV2/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-74.3953	-87.4906	-84.0281	-83.8985	-76.5357
206	-76.5606	-94.7854	-86.4527	-75.5946	-77.4903
213	-76.5724	-80.2153	-80.3112	-101.952	-82.3863

915 THD/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.185	-66.5549	-67.053	-67.1172	-66.5638
206	-65.9815	-65.7807	-65.9954	-66.563	-66.3851
213	-67.5256	-66.0682	-65.9614	-67.4445	-67.2028

916 SNR2/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.50439	58.3876	58.44949	58.72429	58.34248
206	59.01442	58.94851	59.01059	58.64157	59.07065
213	59.401	59.70372	59.21883	59.24636	59.18295

917 SFDR2/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	65.78991	65.75445	64.91424	66.0322	65.48921
206	65.91638	65.06216	65.94034	64.21571	65.73241
213	67.91312	67.60914	66.95148	67.21251	67.79146

918 SINAD2/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.8237	57.65204	57.71982	57.99149	57.6224
206	57.95075	57.9029	58.09231	57.66851	58.09883
213	58.49003	58.21801	57.84547	58.21576	58.16636



919 ENOB2/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.312906	9.284391	9.295651	9.340778	9.279469
206	9.334012	9.326064	9.357526	9.287128	9.35861
213	9.423593	9.378407	9.316525	9.378033	9.369828

920 AMP/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.292106	9.279285	9.270279	9.244138	9.271311
206	9.445455	9.658465	9.346308	9.40081	9.368155
213	9.37096	9.346028	9.322547	9.368924	9.401631

921 DBFS/I/1_4/H/1.9/1.9/H/248/0/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.508705	0.515453	0.501962	0.508705	0.501962
206	0.445974	0.390345	0.445974	0.432591	0.432591
213	0.42368	0.425907	0.443742	0.445974	0.428134

930 2HARM/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.6524	-71.7537	-73.1065	-72.2452	-71.4544
206	-73.4436	-71.7086	-72.1405	-68.6549	-67.2253
213	-66.8338	-67.584	-67.5508	-66.6048	-68.6046

931 3HARM/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.39	-66.5254	-66.3941	-66.3427	-66.4021
206	-66.0548	-67.5368	-66.4262	-66.9481	-65.9272
213	-68.05	-68.0556	-68.0024	-67.9032	-67.8361



932 FSDIV4/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-72.6009	-73.5608	-73.6355	-71.8535	-73.0263
206	-72.1751	-72.1055	-73.7945	-71.202	-71.515
213	-72.3592	-72.1436	-73.3689	-71.9702	-72.1368

933 FSDIV2-FI/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.3746	-66.504	-65.9295	-67.0733	-66.5209
206	-66.5581	-65.8794	-65.9359	-66.0037	-66.2078
213	-67.7172	-68.2773	-66.6517	-68.1751	-68.6968

934 FSDIV2/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.6646	-65.0811	-64.4655	-65.4198	-71.3578
206	-70.622	-74.1295	-69.9517	-72.0591	-67.1959
213	-69.9523	-68.7989	-70.3434	-69.7174	-67.1343

935 THD/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.0179	-66.2517	-66.2222	-66.1545	-66.1731
206	-65.9332	-67.1862	-66.2525	-66.1043	-64.9686
213	-65.8082	-66.1438	-66.1198	-65.4181	-66.5527

936 SNR2/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.88182	58.79105	58.63998	58.84099	58.4033
206	59.10757	58.94915	58.89792	57.03278	58.99591
213	59.05627	59.26654	58.78088	59.2033	59.50157



937 SFDR2/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	66.37456	66.50398	65.92946	66.34269	66.4021
206	66.05477	65.87936	65.93587	66.00375	65.92724
213	66.83376	67.58397	66.65173	66.6048	67.83611

938 SINAD2/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.68498	57.74149	57.59782	57.81949	57.45914
206	58.03812	58.05051	57.891	56.25555	57.6114
213	57.78724	57.93393	57.54224	57.65884	58.25311

939 ENOB2/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.289864	9.299252	9.275385	9.312208	9.252349
206	9.348526	9.350582	9.324085	9.052417	9.277641
213	9.30685	9.331219	9.266153	9.285521	9.384237

940 AMP/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.311026	9.282495	9.284039	9.280661	9.272414
206	9.243833	9.248146	9.237362	9.253906	9.233764
213	9.20288	9.183252	9.193072	9.20554	9.24725

941 DBFS/Q/1_4/H/1.9/1.9/H/0/248/800/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/ENA/HIGH/H/SDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.399222	0.401443	0.394783	0.372619	0.399222
206	0.445974	0.43928	0.45044	0.43705	0.45044
213	0.481765	0.481765	0.479524	0.468326	0.457143



950 2HARM/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-77.0926	-76.7136	-74.1819	-73.4547	-76.2157
206	-74.7479	-73.3964	-68.7365	-71.4332	-72.6363
213	-71.8897	-73.2952	-72.6024	-72.9854	-75.9445

951 3HARM/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.2304	-64.2087	-64.1982	-63.8875	-64.274
206	-63.9547	-64.1665	-63.6606	-64.0633	-64.0653
213	-63.8837	-64.0207	-64.2331	-63.8685	-64.2109

952 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-80.759	-73.9796	-84.8039	-80.4706	-80.2279
206	-75.4616	-76.287	-77.0801	-74.4601	-77.2019
213	-80.4927	-108.054	-80.6933	-98.1199	-74.0346

953 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.4169	-68.3284	-67.3902	-66.1357	-69.4922
206	-62.1011	-65.2933	-63.7708	-64.9424	-64.8106
213	-63.795	-64.9012	-62.4961	-65.2945	-69.0027

954 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-60.8148	-61.6944	-60.8282	-62.3598	-59.514
206	-63.3644	-62.4025	-64.1749	-61.4617	-62.2384
213	-61.6044	-61.9193	-64.1063	-62.2724	-60.5587



955 THD/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.2024	-64.1743	-64.142	-63.8372	-64.1277
206	-63.8787	-64.1001	-63.4162	-63.9556	-63.9933
213	-63.7999	-63.9622	-64.1042	-63.7868	-64.1329

956 SNR2/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	30	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.3357	58.52595	58.7654	58.3877	59.11376
206	57.76355	58.63115	58.13014	56.72081	58.64321
213	58.24704	58.576	57.91484	58.60799	59.31342

957 SFDR2/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	30	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	64.23038	64.2087	64.19816	63.88746	64.27396
206	62.10107	64.16654	63.66055	64.06335	64.06528
213	63.79498	64.02066	62.4961	63.86849	64.21094

958 SINAD2/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	30	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.17802	57.21621	57.39515	57.0304	57.52752
206	56.55708	57.26616	56.53896	55.72185	57.24155
213	56.90258	57.20452	56.63086	57.12775	57.74282

959 ENOB2/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	5	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.205651	9.211994	9.241719	9.181129	9.263707
206	9.102505	9.220293	9.099495	8.963762	9.216204
213	9.159898	9.210053	9.114761	9.197301	9.299473



960 AMP/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.292106	9.279285	9.270279	9.244138	9.271311
206	9.445455	9.658465	9.346308	9.40081	9.368155
213	9.37096	9.346028	9.322547	9.368924	9.401631

961 DBFS/I/1_2/H/1.9/1.9/H/248/0/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.45044	0.448207	0.445974	0.45044	0.43705
206	0.432591	0.350512	0.443742	0.419228	0.430362
213	0.443742	0.430362	0.448207	0.443742	0.430362

970 2HARM/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.9506	-67.8844	-68.7109	-71.3386	-70.3251
206	-71.6352	-70.93	-67.4248	-67.3138	-71.2881
213	-69.9678	-67.7955	-68.5095	-71.7633	-69.591

971 3HARM/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.9308	-65.3323	-65.154	-64.8655	-65.3459
206	-64.3614	-64.0482	-64.5393	-64.0724	-64.6279
213	-64.7462	-64.6809	-64.4726	-64.5371	-64.1957

972 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-69.9943	-78.6872	-76.1676	-76.357	-73.8705
206	-72.8649	-81.4044	-81.8999	-72.6539	-73.6596
213	-83.3067	-76.8534	-78.0718	-78.3062	-86.4896



973 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-69.7563	-78.9384	-75.3241	-70.2901	-73.4766
206	-64.1942	-69.3266	-66.1429	-67.8062	-66.1342
213	-67.0569	-66.1087	-67.1442	-66.8408	-73.1617

974 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-78.2244	-74.571	-80.9996	-75.4755	-75.0196
206	-90.625	-73.6735	-78.1885	-82.1045	-100.711
213	-67.0051	-75.0257	-69.335	-69.9926	-75.6902

975 THD/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-30	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-64.2014	-64.7168	-64.7048	-64.7133	-65.1195
206	-64.2436	-63.941	-64.0066	-63.6102	-64.5004
213	-64.5105	-64.1924	-64.113	-64.3995	-63.9249

976 SNR2/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	30	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.99945	59.44137	59.35049	59.22947	59.19966
206	58.50511	59.5255	59.1448	59.19502	58.87637
213	59.54255	59.01054	59.34827	59.43299	59.85824

977 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	30	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	64.93085	65.33228	65.15401	64.86553	65.34586
206	64.19416	64.04818	64.5393	64.07238	64.62792
213	64.74625	64.68089	64.47256	64.5371	64.19569



978 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	30	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.4096	57.76823	57.66668	57.70806	57.8461
206	57.15305	57.83338	57.3998	57.30466	57.50559
213	57.87248	57.39913	57.60232	57.84214	57.78923

979 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	5	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.24412	9.303693	9.286824	9.293697	9.316628
206	9.201503	9.314515	9.242493	9.226687	9.260065
213	9.321011	9.24238	9.276134	9.315969	9.307181

980 AMP/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.311026	9.282495	9.284039	9.280661	9.272414
206	9.243833	9.248146	9.237362	9.253906	9.233764
213	9.20288	9.183252	9.193072	9.20554	9.24725

981 DBFS/Q/1_2/H/1.9/1.9/H/0/248/1380/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.468326	0.477283	0.466088	0.457143	0.466088
206	0.461615	0.463851	0.470564	0.457143	0.468326
213	0.461615	0.466088	0.472803	0.463851	0.457143

990 2HARM/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.4748	-62.3372	-62.7463	-62.5805	-62.9734
206	-63.0151	-62.222	-63.5751	-63.6897	-63.3533
213	-63.4019	-63.3777	-63.3432	-63.2153	-63.1248



991 3HARM/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-54 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.5001	-65.3459	-65.7981	-66.0344	-65.7711
206	-65.6709	-65.0873	-65.517	-65.6211	-65.7766
213	-64.9677	-65.4932	-65.8157	-65.1559	-65.2122

992 FSDIV4/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.716	-70.6138	-70.1271	-69.0261	-71.362
206	-72.3289	-73.0048	-66.0224	-65.8401	-72.0667
213	-72.0122	-73.1597	-64.9372	-66.9362	-65.4194

993 FSDIV2-FI/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-60.9893	-61.6446	-59.456	-60.6498	-59.8327
206	-64.1505	-65.7554	-62.6798	-62.8583	-63.0494
213	-60.5841	-61.2081	-59.5327	-60.7084	-61.3985

994 FSDIV2/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-63.2949	-65.4581	-64.9217	-64.3299	-63.8364
206	-69.1961	-69.9477	-68.0409	-69.407	-66.4037
213	-71.6255	-72.466	-68.2524	-72.6783	-78.2879

995 THD/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.974	-61.824	-62.2597	-62.1712	-62.4305
206	-62.4532	-61.6969	-62.8101	-62.9328	-62.7268
213	-62.5047	-62.6523	-62.7306	-62.4522	-62.4077

996 SNR2/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.18081	55.57267	54.88832	55.24812	55.31537
206	56.5439	56.90562	55.74579	55.81366	56.57747
213	55.80991	56.01738	54.91231	55.74569	55.44093

997 SFDR2/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	60.98929	61.64462	59.45605	60.64981	59.83269
206	63.01511	62.22197	62.67979	62.85833	63.04935
213	60.58413	61.20814	59.53272	60.70839	61.39846

998 SINAD2/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.00267	54.24636	53.87533	54.15524	54.22107
206	55.20083	55.19074	54.60205	54.71649	55.26243
213	54.54369	54.77588	53.9782	54.52044	54.3051

999 ENOB2/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.678185	8.718665	8.657032	8.703528	8.714463
206	8.877214	8.875539	8.77775	8.796759	8.887447
213	8.768055	8.806625	8.67412	8.764193	8.728422

1000 AMP/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	10.07643	10.06115	10.04723	10.03338	10.03844
206	10.2544	10.37179	10.15772	10.19498	10.15248
213	10.21449	10.19451	10.18094	10.21493	10.22785



1001 DBFS/I/1_2/H/1.9/1.9/H/498/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.481765	0.499716	0.484007	0.481765	0.490736
206	0.49747	0.495224	0.488492	0.499716	0.490736
213	0.504209	0.49747	0.481765	0.504209	0.481765

1010 2HARM/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-63.2915	-64.6155	-65.4662	-65.9087	-65.105
206	-63.7302	-63.1106	-63.0131	-64.0274	-63.7431
213	-63.2413	-64.0538	-63.5052	-63.9777	-63.5377

1011 3HARM/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.6639	-65.5824	-65.7659	-64.7986	-64.8137
206	-63.4726	-65.1213	-64.3283	-64.0238	-64.2352
213	-65.207	-65.4596	-65.4949	-65.2317	-65.4617

1012 FSDIV4/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.0805	-69.403	-69.5187	-69.2787	-70.3135
206	-71.1311	-73.6051	-67.6791	-67.6313	-72.7306
213	-70.5874	-70.8605	-71.3872	-69.0538	-71.095

1013 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-60.1609	-60.4991	-59.3242	-60.0962	-59.2607
206	-62.6508	-63.3109	-61.8872	-61.6553	-61.9986
213	-61.1076	-61.9165	-61.3556	-60.9966	-62.2682



1014 FSDIV2/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-74.0857	-76.5778	-87.6509	-72.4732	-75.1541
206	-76.6459	-71.7887	-74.7027	-73.1382	-72.7465
213	-68.6621	-70.0317	-69.2431	-68.7692	-68.1731

1015 THD/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.6389	-63.5183	-64.0771	-63.7321	-63.3326
206	-62.0781	-62.3594	-62.0307	-62.5127	-62.4557
213	-62.5024	-63.1113	-62.7595	-63.0003	-62.7148

1016 SNR2/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.03639	55.51662	54.8891	55.08944	54.98167
206	56.40535	56.68311	55.85305	55.70642	56.29035
213	56.17057	56.48661	56.03607	56.17534	56.31949

1017 SFDR2/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	60.16095	60.49913	59.3242	60.09619	59.26066
206	62.65083	63.11057	61.88722	61.65533	61.99859
213	61.10756	61.91648	61.35559	60.99659	62.26824

1018 SINAD2/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.00247	54.54434	54.11259	54.25173	53.96882
206	54.89783	55.19207	54.47315	54.51492	54.93764
213	54.92303	55.24259	54.85157	54.99598	54.9609



1019 ENOB2/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.678151	8.768163	8.696445	8.719556	8.672562
206	8.826882	8.87576	8.756337	8.763276	8.833494
213	8.831068	8.884151	8.819198	8.843186	8.837359

1020 AMP/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	10.12984	10.11366	10.10532	10.07729	10.08383
206	10.09479	10.07931	10.08337	10.09744	10.07482
213	10.09606	10.07643	10.09871	10.09872	10.12799

1021 DBFS/Q/1_2/H/1.9/1.9/H/0/498/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.486249	0.49747	0.488492	0.49298	0.49747
206	0.490736	0.488492	0.495224	0.479524	0.495224
213	0.479524	0.486249	0.488492	0.49298	0.484007

1030 2HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-75.2557	-74.9659	-72.1421	-71.9847	-72.9398
206	-69.3621	-69.3394	-69.1124	-70.5815	-69.4519
213	-70.4033	-71.1444	-73.8019	-69.188	-68.1416

1031 3HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.7153	-61.9014	-61.9148	-61.338	-61.7422
206	-61.6699	-61.9025	-61.9315	-61.3976	-61.7996
213	-61.8636	-61.9713	-61.851	-61.9021	-61.9969



1032 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-82.7494	-68.3976	-65.7495	-65.3605	-68.2476
206	-70.3731	-66.8184	-81.0997	-80.4659	-67.3937
213	-66.3468	-67.1772	-77.3555	-75.2505	-76.8428

1033 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.1927	-66.2823	-64.1605	-65.9534	-64.18
206	-64.2078	-66.5873	-63.4548	-65.3853	-66.9009
213	-61.3632	-63.86	-62.2511	-63.8815	-65.8142

1034 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-63.2667	-61.6974	-63.782	-65.8398	-65.2359
206	-66.2756	-66.8369	-65.9511	-65.3586	-65.1036
213	-73.829	-69.5883	-72.6912	-68.6407	-69.5447

1035 THD/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-59.2	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.7062	-61.884	-61.8902	-61.3189	-61.7251
206	-61.5999	-61.8121	-61.8496	-61.3567	-61.7305
213	-61.814	-61.93	-61.8329	-61.7913	-61.8489

1036 SNR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	56	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.52408	57.28899	56.83126	57.24208	57.01406
206	57.475	57.73542	57.57792	56.70803	57.77787
213	56.61153	56.81223	57.25134	57.81554	58.20265



1037 SFDR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	58.9	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.71525	61.90144	61.91478	61.33802	61.74217
206	61.66992	61.9025	61.9315	61.3976	61.79956
213	61.3632	61.97132	61.851	61.90214	61.99687

1038 SINAD2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	54.74	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.9655	55.82032	55.48271	55.63106	55.58117
206	55.77063	55.94694	55.91916	55.22851	56.03207
213	55.22699	55.40946	55.76952	55.98713	56.20901

1039 ENOB2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.8	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.004236	8.98012	8.924038	8.948681	8.940393
206	8.971865	9.001153	8.996538	8.881812	9.015294
213	8.881559	8.911871	8.971682	9.007828	9.044685

1040 AMP/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1041 DBFS/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.495224	0.513203	0.506457	0.488492	0.504209
206	0.49298	0.510954	0.499716	0.490736	0.501962
213	0.499716	0.499716	0.501962	0.495224	0.508705



1050 2HARM/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.6496	-69.5821	-70.1701	-68.694	-70.1778
206	-67.5242	-66.8983	-68.9823	-68.8663	-68.866
213	-68.257	-66.6114	-68.3826	-68.2525	-68.9787

1051 3HARM/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.7766	-62.0701	-62.1369	-62.1683	-62.0441
206	-61.2422	-61.5942	-61.6286	-61.8755	-62.0129
213	-62.211	-62.3728	-62.4049	-62.3301	-62.2735

1052 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.7149	-70.3687	-74.6569	-75.5071	-70.3442
206	-72.4662	-81.5391	-62.89	-63.1595	-84.8202
213	-80.7115	-83.6148	-64.1824	-64.8765	-64.2103

1053 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.1467	-68.7272	-66.7182	-68.3333	-67.4418
206	-66.9565	-67.5681	-66.0499	-65.8337	-66.2039
213	-66.6765	-67.7462	-68.6931	-68.9544	-70.7072

1054 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.8786	-70.8018	-73.5325	-75.0904	-74.1505
206	-71.8923	-72.4776	-76.1784	-73.6094	-71.685
213	-70.9348	-68.7827	-70.7741	-71.3219	-73.3334



1055 THD/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-59.2	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.7455	-61.9979	-62.0679	-62.0587	-61.9906
206	-61.1233	-61.4065	-61.5519	-61.7886	-61.9171
213	-62.0439	-62.0216	-62.2412	-62.1622	-62.14

1056 SNR2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	56	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	56.8848	58.17022	57.76199	58.16435	58.30242
206	58.47978	58.78598	57.02097	57.22916	58.8376
213	58.9549	58.77867	57.79281	58.12611	57.85676

1057 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	58.9	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.77659	62.07011	62.1369	62.16827	62.0441
206	61.24223	61.59423	61.62861	61.87553	62.01287
213	62.21104	62.37281	62.40487	62.33011	62.27347

1058 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	54.74	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.42945	56.39564	56.09143	56.35251	56.5025
206	56.23775	56.42906	55.44004	55.68393	56.74125
213	56.71301	56.45034	56.05062	56.2674	56.09375

1059 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	8.8	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.915191	9.075687	9.025154	9.068523	9.093438
206	9.049459	9.081239	8.916949	8.957464	9.133098
213	9.128407	9.084774	9.018376	9.054385	9.02554



1060 AMP/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	9.228142	9.220546	9.195049	9.192768 9.207908
206	9.164543	9.16047	9.167384	9.15864 9.153126
213	9.125992	9.109202	9.117297	9.14001 9.16644

1061 DBFS/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	0.501962	0.499716	0.515453	0.510954 0.495224
206	0.501962	0.506457	0.49298	0.508705 0.506457
213	0.495224	0.49747	0.499716	0.49298 0.495224

1110 2HARM/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-71.759	-69.0789	-69.9049	-71.8338 -71.8862
206	-68.2479	-68.4635	-67.1786	-68.7799 -70.0569
213	-69.0125	-71.1242	-70.5643	-66.2789 -68.6621

1111 3HARM/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-54	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-61.6359	-61.7656	-61.775	-61.4677 -61.7103
206	-61.8181	-61.7671	-61.69	-61.8011 -61.6712
213	-61.4582	-61.4917	-61.5823	-61.6856 -61.6213

1112 FSDIV4/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-69.6242	-75.879	-70.0051	-70.054 -74.2753
206	-79.3935	-71.2678	-72.0149	-70.3981 -71.4627
213	-69.0611	-71.0112	-70.8929	-70.9083 -70.3416



1113 FSDIV2-Fl/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.7922	-63.132	-65.738	-63.3879	-63.018
206	-62.1225	-64.3936	-64.8541	-63.5986	-63.0012
213	-62.4445	-66.9436	-65.1245	-65.5049	-66.6652

1114 FSDIV2/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.773	-63.8932	-65.7942	-69.6333	-63.5856
206	-74.9524	-69.4261	-73.1811	-74.5819	-70.2927
213	-72.8588	-71.3385	-78.3672	-79.1524	-76.1771

1115 THD/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.6065	-61.6887	-61.7166	-61.4459	-61.6882
206	-61.7076	-61.6664	-61.5191	-61.7117	-61.6217
213	-61.3901	-61.4616	-61.5455	-61.424	-61.5371

1116 SNR2/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.10673	57.32291	57.88128	57.26278	57.33332
206	57.23756	57.94742	57.97672	57.83821	57.69876
213	57.18512	58.26399	58.12645	58.14444	58.17179

1117 SFDR2/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.63592	61.76561	61.775	61.46767	61.71031
206	61.81813	61.76706	61.69003	61.80106	61.67119
213	61.45821	61.49171	61.58232	61.68565	61.62127



1118 SINAD2/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.57488	55.72345	56.09172	55.68088	55.81662
206	55.64861	56.1092	55.98869	56.04107	55.95769
213	55.52993	56.32578	56.26424	55.9891	56.24248

1119 ENOB2/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.939348	8.964027	9.025204	8.956956	8.979505
206	8.951596	9.028106	9.008088	9.016788	9.002938
213	8.931881	9.064083	9.053861	9.008156	9.050246

1120 AMP/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1121 DBFS/I/1_1/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.484007	0.515453	0.515453	0.495224	0.49747
206	0.49298	0.508705	0.506457	0.495224	0.504209
213	0.499716	0.499716	0.504209	0.495224	0.504209

1130 2HARM/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-68.8682	-66.8546	-68.9027	-66.1873	-70.3612
206	-70.2235	-70.0338	-69.9335	-67.9016	-68.7527
213	-67.8429	-66.0834	-66.5623	-65.7944	-67.8944



1131 3HARM/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-61.9782	-62.1057	-62.1501	-62.2972 -61.8805
206	-61.5476	-61.6126	-61.9993	-62.0214 -61.5643
213	-62.536	-62.5238	-62.5325	-62.4476 -62.5533

1132 FSDIV4/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-71.1805	-73.1161	-70.2325	-70.0308 -75.8495
206	-75.263	-71.2706	-70.0376	-71.0719 -69.5947
213	-71.5672	-71.4491	-71.6098	-71.3653 -71.9126

1133 FSDIV2-FI/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-68.1628	-68.4415	-65.7938	-67.4202 -68.0098
206	-64.8992	-64.4413	-67.5768	-65.4824 -64.0981
213	-68.4501	-67.2627	-65.1546	-68.4085 -74.649

1134 FSDIV2/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-75.0619	-95.2863	-71.9336	-69.1795 -74.0962
206	-80.8588	-75.2617	-85.2846	-73.351 -79.4811
213	-71.3391	-68.3049	-69.0768	-67.9157 -73.688

1135 THD/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-61.8763	-61.8655	-62.039	-61.9596 -61.832
206	-61.5023	-61.5636	-61.9401	-61.8783 -61.4821
213	-62.2971	-62.1208	-62.2086	-62.0199 -62.3615



1136 SNR2/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.64964	58.61971	58.19748	58.37566	58.61144
206	58.55504	58.19085	58.91009	58.50808	58.18718
213	58.94958	58.83253	58.1458	58.80291	59.06056

1137 SFDR2/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.97823	62.10565	62.15007	62.29716	61.8805
206	61.54764	61.61264	61.99929	62.02137	61.56427
213	62.53602	62.52377	62.53255	62.44757	62.55335

1138 SINAD2/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	56.5466	56.42733	56.32686	56.33712	56.63958
206	56.45604	56.27317	56.84346	56.486	56.18513
213	56.75591	56.59247	56.23796	56.55497	56.94932

1139 ENOB2/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.100763	9.080952	9.064263	9.065968	9.116209
206	9.085721	9.055345	9.150076	9.090697	9.04072
213	9.135533	9.108384	9.049495	9.102155	9.167662

1140 AMP/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.228142	9.220546	9.195049	9.192768	9.207908
206	9.164543	9.16047	9.167384	9.15864	9.153126
213	9.125992	9.109202	9.117297	9.14001	9.16644



1141 DBFS/Q/1_1/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.501962	0.506457	0.517703	0.506457	0.49747
206	0.501962	0.510954	0.495224	0.510954	0.506457
213	0.49298	0.49747	0.499716	0.495224	0.49747

1150 2HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-84.0677	-80.1185	-86.8097	-79.627	-84.0825
206	-74.3098	-73.5567	-82.348	-74.8386	-75.8503
213	-76.269	-72.1472	-72.7286	-70.794	-72.243

1151 3HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.8586	-61.9904	-62.2417	-62.1167	-62.0187
206	-61.7414	-61.4811	-61.5498	-61.5443	-61.5583
213	-62.218	-62.3158	-62.1246	-62.3672	-62.2811

1152 FSDIV4/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-59.1046	-59.272	-60.347	-59.3557	-58.5501
206	-62.5545	-62.3685	-59.6791	-61.1305	-60.8045
213	-60.6576	-62.775	-62.5848	-64.616	-63.4542

1153 FSDIV2-FI/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.0969	-67.7263	-66.6082	-67.7066	-68.5131
206	-66.338	-68.6554	-66.911	-66.2881	-68.3551
213	-69.4562	-70.928	-70.5493	-69.8749	-71.3511



1154 FSDIV2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-70.4381	-70.7667	-70.9398	-72.1611	-69.9942
206	-72.5488	-71.7299	-80.0622	-71.6652	-67.813
213	-70.9002	-71.8425	-75.9647	-72.8145	-76.7232

1155 THD/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.8458	-61.9705	-62.2227	-62.0651	-62.0098
206	-61.7195	-61.4607	-61.4973	-61.5348	-61.5457
213	-62.1422	-62.2396	-62.0973	-62.2887	-62.2431

1156 SNR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.18192	55.12783	55.39681	55.26275	55.05426
206	56.35122	56.62275	55.41874	56.09869	56.21891
213	55.86442	56.7948	56.68346	56.8797	56.95906

1157 SFDR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.10456	59.27198	60.34702	59.35565	58.55013
206	61.74135	61.48108	59.6791	61.13052	60.80451
213	60.65755	62.31578	62.12461	62.36718	62.28109

1158 SINAD2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.25088	54.21548	54.47559	54.28328	54.18272
206	55.09161	55.22959	54.31477	54.90521	54.9879
213	54.7429	55.4269	55.40763	55.4849	55.63786



1159 ENOB2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.719416	8.713535	8.756742	8.724797	8.708093
206	8.859072	8.881991	8.730027	8.828108	8.841844
213	8.801147	8.914766	8.911566	8.924402	8.94981

1160 AMP/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1161 DBFS/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.576423	0.61048	0.596841	0.576423	0.5923
206	0.535729	0.556052	0.542498	0.535729	0.544755
213	0.508705	0.515453	0.524458	0.526711	0.533473

1170 2HARM/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-76.8391	-78.7692	-75.9377	-74.458	-77.3245
206	-71.4553	-74.0949	-75.1764	-69.8988	-68.5329
213	-70.5907	-70.0484	-70.3491	-70.9878	-71.6175

1171 3HARM/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-54 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.8304	-61.5829	-61.7324	-61.6275	-61.8943
206	-61.7112	-61.5407	-61.8909	-61.6952	-61.5168
213	-62.3854	-62.3961	-62.3855	-62.4061	-62.3985



1172 FSDIV4/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-58.4857	-58.0868	-58.8772	-58.9789	-59.4121
206	-62.8876	-63.2263	-64.2859	-62.1469	-63.4519
213	-62.8078	-63.7792	-62.554	-63.4368	-65.1071

1173 FSDIV2-FI/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-69.5675	-68.7931	-68.4794	-67.779	-70.5085
206	-68.6962	-69.7514	-69.8574	-67.9378	-69.4043
213	-68.9315	-70.0622	-70.9657	-73.4003	-71.2865

1174 FSDIV2/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-78.6724	-77.0181	-69.1704	-73.0572	-69.7698
206	-94.7252	-75.9151	-79.9778	-93.4628	-85.0687
213	-70.914	-76.2151	-69.4556	-72.8514	-77.574

1175 THD/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.8131	-61.5737	-61.7264	-61.6178	-61.8837
206	-61.6707	-61.5216	-61.8738	-61.6294	-61.4208
213	-62.3087	-62.3159	-62.315	-62.3308	-62.3321

1176 SNR2/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.21868	54.82654	55.21872	55.12399	55.39865
206	56.65249	56.79623	57.25237	56.49288	57.15494
213	56.61188	56.9182	56.62307	57.05946	57.34208



1177 SFDR2/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.48574	58.08677	58.87716	58.97891	59.41212
206	61.71116	61.54072	61.89087	61.69516	61.51679
213	62.38536	62.39609	62.38552	62.40612	62.39848

1178 SINAD2/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.24243	53.89655	54.25958	54.1473	54.40403
206	55.25378	55.38004	55.80328	55.0979	55.4678
213	55.32106	55.54175	55.34531	55.64733	55.86843

1179 ENOB2/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.718011	8.660557	8.72086	8.702209	8.744856
206	8.88601	8.906982	8.97729	8.860117	8.921562
213	8.897185	8.933846	8.901215	8.951384	8.988111

1180 AMP/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.228142	9.220546	9.195049	9.192768	9.207908
206	9.164543	9.16047	9.167384	9.15864	9.153126
213	9.125992	9.109202	9.117297	9.14001	9.16644

1181 DBFS/Q/1_4/H/1.9/1.9/H/0/248/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.463851	0.45044	0.475043	0.463851	0.448207
206	0.524458	0.528965	0.517703	0.526711	0.524458
213	0.544755	0.542498	0.544755	0.531219	0.533473



1190 2HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-75.3513	-85.7146	-80.4134	-77.7503	-80.3297
206	-75.9792	-76.6428	-77.125	-72.2464	-74.973
213	-73.9032	-72.5008	-71.0889	-71.4178	-73.5132

1191 3HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.2055	-61.9729	-62.426	-62.2677	-62.3496
206	-62.2648	-61.9528	-61.9436	-61.8487	-61.7968
213	-62.2416	-62.2823	-62.1845	-62.3081	-62.2332

1192 FSDIV4/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-58.8104	-58.8902	-58.3767	-59.5673	-58.8927
206	-59.5388	-60.3028	-60.8741	-61.5158	-60.7948
213	-63.0163	-60.958	-62.8385	-62.3839	-64.3682

1193 FSDIV2-FI/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.314	-67.3337	-67.6973	-68.0874	-68.1172
206	-68.2057	-68.3314	-67.9386	-68.4325	-68.3341
213	-70.8373	-70.5195	-67.9136	-70.8531	-70.6795

1194 FSDIV2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-72.0954	-70.3331	-71.2808	-75.7969	-71.2604
206	-70.2384	-70.8705	-72.6323	-70.2654	-70.695
213	-73.8453	-74.6105	-74.575	-75.0305	-69.642



1195 THD/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.1532	-61.9601	-62.4037	-62.2546	-62.3134
206	-62.2431	-61.9222	-61.9042	-61.8209	-61.7306
213	-62.186	-62.2257	-62.1379	-62.2421	-62.193

1196 SNR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.09292	55.17561	54.72795	55.3688	55.28938
206	55.66695	55.8961	55.86365	56.28257	56.05934
213	56.99305	56.02704	56.60071	56.58013	57.15124

1197 SFDR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	58.81039	58.89023	58.37666	59.56731	58.89273
206	59.53881	60.30283	60.87415	61.51577	60.79475
213	62.2416	60.95799	62.18449	62.30814	62.23324

1198 SINAD2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.1349	54.24462	53.96035	54.47857	54.3846
206	54.68772	54.77877	54.73798	55.05823	54.82265
213	55.62019	54.87965	55.3289	55.2993	55.73871

1199 ENOB2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.70015	8.718375	8.671155	8.757237	8.741628
206	8.79198	8.807104	8.800328	8.853527	8.814394
213	8.946876	8.823863	8.898488	8.893572	8.966563



1200 AMP/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1201 DBFS/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.571892	0.608206	0.599113	0.580956	0.59003
206	0.540241	0.544755	0.542498	0.535729	0.547013
213	0.510954	0.515453	0.524458	0.519955	0.528965

1210 SANITYCHECK1/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	54644	Limit_Max	54644		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54644	54644	54644	54644	54644
206	54644	54644	54644	54644	54644
213	54644	54644	54644	54644	54644

1211 SANITYCHECK2/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	4	Limit_Max	4		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	4	4	4	4
206	4	4	4	4	4
213	4	4	4	4	4

1212 RTRIM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	325	Limit_Max	805		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	486	486	486	486	485
206	548	548	548	548	548
213	590	590	590	590	590



1213 PRECALI1/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	38	Limit_Max	92		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	76	75	75	75	75
206	77	77	77	77	77
213	84	84	84	84	84

1214 PRECALI2/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	38	Limit_Max	92		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	75	75	75	75	75
206	76	76	76	76	76
213	81	81	81	81	81

1215 PRECALQ1/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	38	Limit_Max	92		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	73	73	73	73	72
206	78	78	78	78	78
213	80	80	80	80	81

1216 PRECALQ2/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	38	Limit_Max	92		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	70	70	70	70	69
206	77	77	77	77	77
213	81	81	81	82	82

1217 ADJI1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-25	-31	-29	-21	-22
206	-43	-41	-44	-37	-47
213	-46	-48	-44	-42	-46



1218 ADJI2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-91	-86	-87	-80	-87
206	-53	-56	-55	-54	-50
213	-42	-43	-41	-50	-44

1219 ADJQ1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-55	-47	-52	-49	-53
206	-89	-83	-82	-84	-85
213	-74	-77	-75	-74	-80

1220 ADJQ2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-37	-35	-33	-39	-35
206	-54	-61	-60	-56	-65
213	-46	-43	-48	-37	-45

1221 ADJI1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	96	93	98	98	99
206	96	102	98	97	99
213	56	62	66	64	62

1222 ADJI2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	72	63	66	65	72
206	68	68	73	68	67
213	66	67	62	65	56



1223 ADJQ1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA		Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	92	91	94	99	90	
206	89	104	99	92	102	
213	95	91	89	91	90	

1224 ADJQ2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA		Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	126	127	127	127	125	
206	89	92	95	90	97	
213	61	66	61	60	64	

1225 ADJI1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA		Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	28	27	28	28	29	
206	33	34	35	32	36	
213	23	24	24	23	23	

1226 ADJI2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA		Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	31	30	31	29	30	
206	28	27	28	28	27	
213	28	28	29	28	27	

1227 ADJQ1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA		Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	31	30	32	31	32	
206	41	43	40	40	42	
213	44	43	44	43	46	



1228 ADJQ2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	31	32	31	31	32
206	31	33	32	31	34
213	24	26	25	23	25

1229 ADJ3DIFFI1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-6	-8	-8	-7	-8
206	-7	-7	-10	-7	-9
213	-5	-6	-6	-7	-6

1230 ADJ3DIFFI2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-9	-10	-9	-11	-9
206	-7	-9	-7	-6	-6
213	-8	-5	-6	-7	-6

1231 ADJ3DIFFQ1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-10	-8	-9	-10	-9
206	-5	-6	-4	-6	-5
213	-8	-8	-8	-10	-10

1232 ADJ3DIFFQ2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-8	-8	-9	-10	-9
206	-8	-10	-9	-10	-9
213	-6	-6	-6	-6	-7



1233 ADJ3DIFFI1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max NA			
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8	10	11	10	10
206	6	6	8	6	6
213	5	6	6	7	5

1234 ADJ3DIFFI2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max NA			
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	11	11	11	11	10
206	4	4	4	4	4
213	7	6	6	6	7

1235 ADJ3DIFFQ1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max NA			
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7	7	6	7	7
206	6	7	6	7	7
213	7	8	8	10	9

1236 ADJ3DIFFQ2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max NA			
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7	7	7	8	7
206	4	4	4	5	4
213	8	9	10	9	9

1237 ADJ3DIFFI1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max NA			
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	5	5	5	5
206	3	3	4	3	4
213	3	4	3	4	3



1238 ADJ3DIFFI2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	5	6	5	5	5
206	3	3	3	2	2
213	4	3	4	3	4

1239 ADJ3DIFFQ1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	4	3	4	4
206	3	3	3	3	3
213	4	4	4	5	5

1240 ADJ3DIFFQ2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	4	4	5	4
206	3	3	3	3	3
213	4	4	4	4	4

1241 ADJ3TAILI1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-3	-2	-2	-3	-2
206	-3	-2	-2	-1	-2
213	-2	-2	-4	-2	-3

1242 ADJ3TAILI2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-3	-2	-2	-2	-3
206	-2	-2	-3	-2	-2
213	-2	-3	-2	-3	-2

1243 ADJ3TAILQ1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2	-2	-2	-2	-2
206	-2	-2	-3	-2	-2
213	-3	-1	-2	-2	-2

1244 ADJ3TAILQ2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1	-2	-3	-1	-3
206	-3	-2	-1	-2	-2
213	-2	-2	-3	-2	-2

1245 ADJ3TAILI1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	3	3	3	2
206	3	3	3	2	4
213	2	2	3	3	2

1246 ADJ3TAILI2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	2	2	4	4
206	3	2	4	3	2
213	3	3	3	3	2

1247 ADJ3TAILQ1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	3	2	2	2
206	4	3	2	2	2
213	3	2	3	4	3



1248 ADJ3TAILQ2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2	3	2	4	4
206	2	3	2	2	2
213	2	2	4	2	3

1249 ADJ3TAILI1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	2	1	1
206	2	1	1	1	1
213	1	1	2	1	1

1250 ADJ3TAILI2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	1	1	2
206	1	1	1	1	1
213	1	1	1	1	1

1251 ADJ3TAILQ1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	1	1	1
206	1	1	1	1	1
213	1	1	1	2	1

1252 ADJ3TAILQ2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	1	1	2
206	1	1	1	1	1
213	1	1	2	1	1



1253 ADJ4DIFFI1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-8	-5	-6	-6	-6
206	-11	-10	-10	-10	-11
213	-12	-14	-13	-14	-14

1254 ADJ4DIFFI2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-9	-8	-8	-9	-10
206	-8	-8	-9	-10	-9
213	-11	-11	-10	-12	-12

1255 ADJ4DIFFQ1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-8	-7	-7	-5	-6
206	-11	-12	-10	-15	-12
213	-9	-11	-10	-9	-11

1256 ADJ4DIFFQ2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-8	-9	-9	-9	-7
206	-10	-10	-10	-9	-10
213	-14	-13	-14	-15	-13

1257 ADJ4DIFFI1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	6	6	5	6	6
206	10	10	10	10	9
213	13	13	13	12	12



1258 ADJ4DIFFI2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	14	13	14	13	11	
206	7	8	6	6	7	
213	11	11	11	11	11	

1259 ADJ4DIFFQ1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	12	11	11	11	11	
206	13	12	12	12	13	
213	12	12	12	11	12	

1260 ADJ4DIFFQ2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	8	7	8	8	7	
206	6	7	8	6	6	
213	10	9	8	10	8	

1261 ADJ4DIFFI1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	4	3	3	3	3	
206	4	4	4	4	4	
213	7	7	8	7	7	

1262 ADJ4DIFFI2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	5	5	5	5	5	
206	4	3	4	4	3	
213	7	7	7	8	8	



1263 ADJ4DIFFQ1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	4	5	4	4
206	7	8	7	8	7
213	6	7	7	6	7

1264 ADJ4DIFFQ2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	4	4	4	3
206	4	4	4	4	4
213	6	6	6	6	6

1265 ADJ4TAILI1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2	-2	-2	-3	-2
206	-3	-2	-1	-3	-3
213	-2	-2	-2	-3	-2

1266 ADJ4TAILI2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2	-2	-5	-3	-3
206	-2	-3	-2	-2	-2
213	-2	-2	-2	-3	-2

1267 ADJ4TAILQ1MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max		NA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2	-3	-1	-2	-1
206	-3	-4	-3	-3	-3
213	-1	-3	-3	-2	-2



1268 ADJ4TAILQ2MIN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-3	-3	-3	-2	-1
206	-3	-2	-3	-3	-4
213	-2	-2	-2	-3	-1

1269 ADJ4TAILI1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	2	3	4	3
206	3	2	2	4	3
213	3	2	3	2	2

1270 ADJ4TAILI2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	3	3	6	5
206	2	3	2	2	3
213	3	3	3	2	3

1271 ADJ4TAILQ1MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2	3	3	2	2
206	3	4	3	4	4
213	3	3	4	3	3

1272 ADJ4TAILQ2MAX/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	4	3	4	3
206	4	2	3	5	4
213	3	2	2	3	2



1273 ADJ4TAILI1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	1	1	1
206	2	1	1	2	1
213	1	1	1	1	1

1274 ADJ4TAILI2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	2	2	2
206	1	1	1	1	1
213	1	1	1	1	1

1275 ADJ4TAILQ1STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	1	1	1	1
206	1	2	2	2	2
213	1	2	2	1	1

1276 ADJ4TAILQ2STD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1	2	2	1	1
206	2	1	1	2	2
213	1	1	1	2	1

1280 CALCTEMP/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/1/0.0/DIS/HIGH/DEF/

Limit_Min	-60	Limit_Max	155	DEG	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	45.52142	43.90393	44.86676	44.21209	44.86655
206	46.79238	43.24921	43.36466	43.55737	42.4404
213	45.21341	45.90654	45.86809	46.7154	45.86798



1310 2HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-75.1284	-73.487	-72.8121	-72.6183	-75.3989
206	-68.1717	-70.7635	-67.3379	-67.3612	-69.2062
213	-71.0282	-66.1158	-71.876	-67.673	-68.3381

1311 3HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.2984	-61.7925	-61.6444	-61.3242	-61.7421
206	-61.8004	-61.3906	-61.9266	-61.8544	-61.8116
213	-61.9516	-62.0097	-61.949	-61.7701	-62.1362

1312 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-79.462	-68.4826	-65.7971	-65.3745	-67.8482
206	-70.7991	-66.9177	-82.3334	-79.7836	-67.3691
213	-66.2895	-67.1467	-76.6288	-74.9536	-76.4138

1313 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-66.1637	-65.4986	-64.8234	-65.9374	-64.77
206	-65.9086	-65.988	-64.9397	-65.2354	-66.7987
213	-62.3847	-63.5674	-63.5584	-63.9188	-64.9307

1314 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-60.9641	-61.9523	-66.0023	-63.9142	-62.5861
206	-67.9697	-66.0684	-70.0145	-67.428	-67.8333
213	-70.2973	-68.3794	-73.2646	-74.2852	-76.769



1315 THD/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.2846	-61.7686	-61.6285	-61.3077	-61.7336
206	-61.6842	-61.3542	-61.7442	-61.6877	-61.73
213	-61.8957	-61.6913	-61.9094	-61.6132	-61.9952

1316 SNR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.80148	57.44435	57.02003	57.07159	57.10008
206	57.82611	57.73937	57.92463	57.77432	58.01585
213	56.88185	57.28335	57.57474	57.83411	57.8498

1317 SFDR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.29838	61.79251	61.64442	61.32421	61.7421
206	61.80035	61.39056	61.92659	61.85436	61.8116
213	61.95158	62.00969	61.94904	61.77005	62.13622

1318 SINAD2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	56.01468	55.87882	55.5761	55.49296	55.68144
206	55.99687	55.94227	55.98285	55.97312	56.13476
213	55.4246	55.47339	55.97071	55.90199	56.02596

1319 ENOB2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.012406	8.989838	8.939551	8.925741	8.957049
206	9.009446	9.000378	9.007118	9.005501	9.032352
213	8.914385	8.92249	9.0051	8.993686	9.014278



1320 AMP/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1321 DBFS/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.484007	0.501962	0.49747	0.479524	0.49747
206	0.477283	0.481765	0.499716	0.490736	0.504209
213	0.49298	0.495224	0.501962	0.488492	0.501962

1330 2HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-79.5713	-79.388	-80.5162	-78.3857	-80.5753
206	-77.167	-72.6169	-76.9516	-78.2862	-79.5366
213	-76.0754	-73.4055	-72.5513	-78.1501	-70.6655

1331 3HARM/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.9948	-62.2632	-62.2611	-62.0676	-62.1921
206	-61.8343	-61.6679	-61.9684	-61.4928	-61.7514
213	-61.895	-61.9134	-61.8944	-61.9615	-62.0387

1332 FSDIV4/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-59.0672	-60.6575	-58.105	-59.38	-59.9944
206	-63.4149	-63.5909	-62.0747	-63.5164	-61.3438
213	-64.3252	-65.3916	-63.695	-63.0189	-66.2416



1333 FSDIV2-FI/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-65.7327	-66.4835	-65.8098	-66.5762	-68.7284
206	-67.0335	-66.2758	-66.3542	-66.8849	-66.7738
213	-72.2651	-72.9554	-72.4042	-73.2884	-69.0892

1334 FSDIV2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-69.3426	-70.7931	-69.985	-70.0454	-69.9649
206	-69.4863	-76.2313	-74.7771	-73.4129	-70.5813
213	-74.8465	-77.9428	-76.4552	-82.2776	-77.9554

1335 THD/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.9922	-62.2531	-62.254	-62.0565	-62.1768
206	-61.8228	-61.637	-61.9641	-61.49	-61.7464
213	-61.8772	-61.8797	-61.8627	-61.9394	-61.983

1336 SNR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.31198	55.90116	54.87337	55.55267	55.77378
206	56.94881	57.00699	56.6108	57.11804	56.47636
213	57.48764	57.62376	57.53061	57.30609	57.85965

1337 SFDR2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.06717	60.65748	58.10499	59.37999	59.99441
206	61.83432	61.66788	61.96841	61.49276	61.34384
213	61.89498	61.91343	61.89444	61.9615	62.0387



1338 SINAD2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.41483	54.90783	54.08755	54.59893	54.77518
206	55.58892	55.50941	55.41888	55.68715	55.26291
213	55.96009	56.01054	55.95732	55.85366	56.15086

1339 ENOB2/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.74665	8.828544	8.692285	8.77723	8.806509
206	8.941682	8.928474	8.913434	8.957997	8.887527
213	9.003337	9.011718	9.002876	8.985657	9.035026

1340 AMP/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1341 DBFS/I/1_2/H/1.9/1.9/H/248/0/1600/0.5/PIN/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.528965	0.544755	0.540241	0.531219	0.544755
206	0.479524	0.490736	0.495224	0.488492	0.49747
213	0.463851	0.470564	0.468326	0.466088	0.479524

1350 2HARM/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-70.6602	-69.4361	-71.6167	-72.7374	-71.8367
206	-70.4963	-68.6026	-66.709	-70.1571	-70.9849
213	-67.1135	-68.0566	-67.5521	-68.0279	-67.8985



1351 3HARM/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-61.9559	-61.8952	-61.8624	-62.1594 -62.1255
206	-61.4508	-61.476	-61.2336	-61.9392 -61.0439
213	-62.1277	-62.0647	-62.3801	-62.0694 -62.325

1352 FSDIV4/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-62.9806	-70.7522	-76.3324	-75.2804 -70.5203
206	-72.5645	-82.2661	-62.9418	-63.1792 -87.2863
213	-81.6385	-82.9311	-63.8955	-64.6105 -63.9587

1353 FSDIV2-FI/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-67.9259	-68.8196	-67.1403	-67.57 -67.4447
206	-64.1595	-68.8794	-67.5491	-65.2909 -63.6698
213	-67.4391	-68.4389	-63.7976	-65.7953 -68.1531

1354 FSDIV2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-69.9482	-71.2197	-68.127	-70.8501 -66.5864
206	-71.3554	-75.3666	-71.3139	-71.7854 -79.4055
213	-68.0642	-67.4983	-70.8026	-67.602 -66.7636

1355 THD/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-61.913	-61.8009	-61.8353	-62.138 -62.0377
206	-61.4147	-61.393	-61.0637	-61.8861 -61.01
213	-61.8958	-61.9238	-62.156	-61.9252 -62.1503



1356 SNR2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57.09185	58.10132	58.32387	58.10539	58.21931
206	58.04116	58.64666	57.41462	57.12871	58.17571
213	58.88514	58.80011	56.92853	57.45589	57.75985

1357 SFDR2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.95587	61.89523	61.8624	62.15936	62.12553
206	61.45078	61.47601	61.23359	61.93924	61.04395
213	62.12766	62.06466	62.3801	62.06937	62.32504

1358 SINAD2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.65525	56.16098	56.50922	56.45922	56.33414
206	56.14838	56.45092	55.51207	55.66695	56.09717
213	56.56883	56.68233	55.40589	55.78168	56.05025

1359 ENOB2/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.952701	9.036707	9.094555	9.086249	9.065472
206	9.034616	9.084869	8.928915	8.954643	9.026108
213	9.104457	9.12331	8.911277	8.973701	9.018314

1360 AMP/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.228142	9.220546	9.195049	9.192768	9.207908
206	9.164543	9.16047	9.167384	9.15864	9.153126
213	9.125992	9.109202	9.117297	9.14001	9.16644



1361 DBFS/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.501962	0.49298	0.508705	0.510954	0.49298
206	0.490736	0.510954	0.49747	0.504209	0.501962
213	0.490736	0.495224	0.49747	0.49298	0.488492

1390 CALCTEMP/Q/1_2/H/1.9/1.9/H/0/248/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	-60	Limit_Max	155	DEG	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	46.44574	44.67399	45.02062	44.3274	45.5214
206	45.94506	43.44157	43.67257	43.98074	43.74968
213	46.75388	45.79108	46.94646	47.60126	46.83097

1400 2HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-81.2791	-81.9586	-85.3756	-81.2779	-76.7228
206	-77.5476	-72.9277	-75.3836	-79.6701	-80.1703
213	-72.6274	-72.6603	-74.262	-69.8087	-74.2741

1401 3HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-54	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.1978	-62.1364	-62.2935	-62.0288	-62.282
206	-61.7277	-61.8393	-61.7699	-61.6145	-61.7198
213	-62.0988	-62.1226	-62.4611	-62.3993	-62.3235

1402 FSDIV4/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-60.3817	-57.9531	-59.744	-59.1205	-57.6769
206	-61.6733	-61.5532	-60.9874	-60.7243	-60.009
213	-61.3229	-62.8772	-64.0841	-62.4415	-61.855



1403 FSDIV2-FI/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-45	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-67.3246	-68.1415	-67.5516	-67.8508	-68.3616
206	-68.0477	-68.631	-68.9068	-68.2166	-68.2634
213	-70.8887	-70.5972	-71.4834	-71.5423	-71.5551

1404 FSDIV2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-50	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-71.9609	-71.9939	-67.1096	-71.087	-73.0721
206	-67.1165	-73.351	-76.7076	-68.7863	-74.6299
213	-71.7794	-74.8378	-73.0912	-74.1467	-80.8446

1405 THD/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-62.1697	-62.1089	-62.268	-62.0238	-62.2732
206	-61.7047	-61.818	-61.7633	-61.5846	-61.6957
213	-62.0704	-62.0811	-62.3926	-62.2476	-62.242

1406 SNR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.60117	54.75152	55.49503	55.2393	54.54285
206	56.36637	56.34272	56.01803	56.17224	55.8371
213	56.4009	56.64152	56.86647	56.52368	56.49881

1407 SFDR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	60.38174	57.95307	59.74402	59.12049	57.67688
206	61.67334	61.55317	60.98743	60.72433	60.009
213	61.32291	62.12258	62.46107	62.39932	61.85504



1408 SINAD2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.60637	53.92584	54.55927	54.34295	53.7938
206	55.10292	55.10316	54.90793	54.91109	54.72441
213	55.19704	55.32921	55.54546	55.13471	55.24071

1409 ENOB2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.778466	8.665421	8.770642	8.734709	8.643488
206	8.86095	8.860991	8.82856	8.829085	8.798075
213	8.876584	8.89854	8.934463	8.866232	8.883839

1410 AMP/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1411 DBFS/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.578689	0.59457	0.585492	0.571892	0.58776
206	0.531219	0.535729	0.547013	0.528965	0.547013
213	0.510954	0.517703	0.522206	0.515453	0.522206

1412 DTSKEWIQ/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	NA	fS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	549.6553	498.2718	525.9303	493.9707	469.5853
206	493.7487	474.8072	455.4409	478.7075	481.5584
213	360.2007	367.7303	340.4133	339.5262	336.0495



1420 2HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-86.5864	-81.5654	-85.6763	-79.7568	-85.4617
206	-72.8621	-72.9862	-81.7357	-80.7518	-74.0059
213	-73.216	-75.1169	-71.2382	-82.1466	-76.8403

1421 3HARM/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-54 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.4427	-61.9911	-61.8246	-61.7366	-61.6242
206	-61.4227	-61.3997	-61.2574	-61.0854	-61.4624
213	-61.5849	-62.0239	-62.2152	-62.0023	-62.0447

1422 FSDIV4/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-55 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-59.0753	-60.3953	-59.6068	-58.6687	-58.6514
206	-61.0478	-58.9833	-60.4947	-61.7989	-61.0438
213	-61.0322	-61.9073	-63.5984	-61.4417	-62.1534

1423 FSDIV2-FI/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-45 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-82.457	-78.3861	-82.4155	-77.7669	-89.5424
206	-81.0121	-73.5952	-80.0295	-88.2306	-74.321
213	-81.9699	-75.7245	-78.1914	-74.959	-86.1307

1424 FSDIV2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDRO

Limit_Min	NA	Limit_Max	-50 DB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-72.7821	-68.4626	-69.5812	-65.4826	-74.2192
206	-70.8728	-71.1518	-77.3282	-71.0191	-70.0477
213	-73.6759	-86.3191	-81.5514	-78.3929	-75.4475



1425 THD/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	-55	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-61.431	-61.9673	-61.8028	-61.7281	-61.6181
206	-61.3923	-61.3812	-61.2479	-61.0649	-61.4493
213	-61.5475	-61.986	-62.1517	-61.9784	-62.0197

1426 SNR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	52	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.43303	55.9672	55.68587	55.22125	55.30817
206	56.39328	55.7078	56.12145	56.64519	56.38825
213	56.32716	56.5369	56.96345	56.38838	56.75422

1427 SFDR2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	59.07527	60.39533	59.60677	58.66869	58.65138
206	61.04778	58.98332	60.49472	61.08535	61.04382
213	61.0322	61.90733	62.21516	61.44167	62.04468

1428 SINAD2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	50	Limit_Max	NA	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.37211	54.86024	54.60586	54.26859	54.31348
206	55.00497	54.54149	54.86942	55.16107	55.07225
213	54.99047	55.25761	55.556	55.19065	55.46214

1429 ENOB2/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	8.2	Limit_Max	NA	BITS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.739553	8.820638	8.778382	8.722356	8.729815
206	8.844681	8.76769	8.822164	8.870609	8.855855
213	8.842271	8.886647	8.936213	8.875524	8.920621



1430 AMP/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	20	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	9.211995	9.182367	9.174183	9.168945	9.174007
206	9.335561	9.444387	9.256022	9.299002	9.259369
213	9.278543	9.252867	9.236452	9.290384	9.291903

1431 DBFS/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	0.3	Limit_Max	0.7	DB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.574157	0.596841	0.58776	0.569627	0.58776
206	0.524458	0.528965	0.544755	0.531219	0.540241
213	0.506457	0.510954	0.517703	0.508705	0.522206

1432 DTSKEW/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	NA	Limit_Max	NA	fS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	86.64577	69.1719	68.65101	57.31852	39.9607
206	38.75303	35.48478	39.64553	49.36784	64.25055
213	-47.1937	-41.2826	-54.4803	-69.5852	-59.0175

1433 DELTADTSKEW/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF,

Limit_Min	300	Limit_Max	NA	fS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	463.0095	429.0999	457.2793	436.6522	429.6246
206	454.9956	439.3224	415.7954	429.3397	417.3078
213	407.3945	409.0129	394.8936	409.1114	395.067

1440 CALCTEMP/I/1_4/H/1.9/1.9/H/248/0/1600/0.5/ECM/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/DDR0

Limit_Min	-60	Limit_Max	155	DEG	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	46.17624	45.25191	45.63704	45.48293	45.40591
206	46.6769	43.74984	44.01945	44.36607	44.21194
213	46.90796	46.59979	47.02345	47.40864	47.33161



1450 IA/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	719.5372	719.6258	719.4234	719.7522	720.4223
206	739.0098	738.6557	738.9465	739.5282	738.9086
213	765.2977	765.3483	765.9805	766.0942	767.3461

1451 IDR/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	278.1824	277.823	278.5367	278.891	279.1137
206	266.1285	265.4401	266.5435	265.7008	266.2196
213	295.7406	297.6235	297.9904	297.9727	301.0855

1452 IAT/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	322.9257	323.3613	323.5386	323.5842	323.7057
206	329.4249	329.3058	329.3109	329.2349	329.278
213	344.4344	344.7561	345.3665	346.1567	347.0584

1453 IENC/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	44.22894	44.95272	47.60014	44.05848	47.4693
206	55.92981	53.1348	56.68154	57.22038	56.82863
213	48.06834	49.05633	50.63955	46.31111	45.9623

1454 IALL/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	1220	Limit_Max	1620	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1364.874	1365.763	1369.099	1366.286	1370.711
206	1390.493	1386.536	1391.482	1391.684	1391.235
213	1453.541	1456.784	1459.977	1456.535	1461.452



1455 PWR/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	2.1	Limit_Max	3.1	W	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.593261	2.594949	2.601288	2.595943	2.604351
206	2.641937	2.634419	2.643817	2.6442	2.643346
213	2.761728	2.76789	2.773956	2.767416	2.776759

1456 IA_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	401.3765	401.0098	401.2374	401.6799	402.2236
206	416.1705	415.9935	416.0188	416.2211	415.8797
213	433.2153	433.5946	433.8222	434.3407	435.0235

1457 IDR_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	145.1087	143.7017	146.1691	145.2252	144.7544
206	138.6807	138.7034	138.0733	137.5596	137.7468
213	155.9276	156.3427	158.2154	159.9895	161.7028

1458 IAT_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	199.7899	199.9976	200.1242	200.1926	200.2686
206	203.6499	203.5486	203.5511	203.5309	203.5562
213	213.4038	213.685	214.0421	214.541	215.1439

1459 IENC_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	24.51645	22.35807	24.95494	25.04843	22.75591
206	29.24375	32.58827	28.50295	28.83906	27.81296
213	33.11237	33.8326	35.59187	35.69374	35.09673



1460 IALL_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	630	Limit_Max	940	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	770.7915	767.0671	772.4857	772.1461	770.0026
206	787.7449	790.8338	786.1462	786.1506	784.9957
213	835.6591	837.4548	841.6716	844.5649	846.9669

1461 PWR_PDQ/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	W	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.464504	1.457428	1.467723	1.467078	1.463005
206	1.496715	1.502584	1.493678	1.493686	1.491492
213	1.587752	1.591164	1.599176	1.604673	1.609237

1462 IA_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	407.332	407.1929	407.155	407.7493	408.3056
206	415.1716	415.1463	415.0452	415.1969	415.0325
213	431.0278	431.0278	431.4577	431.7359	432.3302

1463 IDR_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	145.0455	145.0531	145.0126	145.2986	145.7035
206	132.941	132.2526	132.493	132.1185	133.2649
213	152.4099	152.9515	153.1059	154.8799	156.6869

1464 IAT_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	199.3036	199.6101	199.7772	199.8228	199.9722
206	204.1235	203.9868	204.0222	203.9868	204.0374
213	213.9256	214.1611	214.5334	215.0679	215.6555



1465 IENC_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	25.01489	23.74237	22.3281	25.85604	22.36265
206	21.55529	22.04255	21.44884	21.53928	21.53649
213	22.93171	22.80392	23.04629	22.82374	22.85499

1466 IALL_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	630	Limit_Max	940	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	776.696	775.5984	774.2729	778.7267	776.344
206	773.7914	773.4283	773.0093	772.8414	773.8713
213	820.295	820.9444	822.1433	824.5074	827.5275

1467 PWR_PDI/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	W	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.475722	1.473637	1.471119	1.479581	1.475054
206	1.470204	1.469514	1.468718	1.468399	1.470356
213	1.55856	1.559794	1.562072	1.566564	1.572302

1468 IA_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.867946	1.882681	1.904529	2.336409	3.395784
206	2.112085	2.083124	2.084902	2.084902	2.086426
213	2.591726	2.623482	2.664637	2.893788	2.971272

1469 IDR_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	5.053186	7.847974	4.036899	42.40173	306.1282
206	4.799114	5.053186	5.561329	5.815401	8.61019
213	13.43755	16.23234	19.53527	182.3952	937.4964



1470 IAT_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.428744	0.428744	0.446474	0.484466	0.598444
206	0.497131	0.509795	0.524992	0.504729	0.504729
213	1.003695	1.029024	1.099943	1.234182	1.381086

1471 IENC_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.022811	0.025351	0.041356	0.098771	0.198103
206	0.057615	0.056091	0.056091	0.059648	0.060156
213	0.055583	0.055075	0.054313	0.114268	0.11757

1472 IALL_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	85 mA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.324555	2.344625	2.396396	2.962048	4.498459
206	2.67163	2.654063	2.671546	2.655094	2.659922
213	3.664442	3.723813	3.838428	4.424633	5.407424

1473 PWR_PD/X/1_2/H/1.9/1.9/H/248/0/800/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/ENA/HIGH/H/

Limit_Min	NA	Limit_Max	NA	mW	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4.416654	4.454787	4.553153	5.627891	8.547072
206	5.076097	5.042719	5.075938	5.044679	5.053851
213	6.96244	7.075243	7.293014	8.406803	10.27411

1480 IA/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1115.183	1115.436	1114.324	1114.576	1114.716
206	1144.443	1144.329	1145.265	1145.48	1144.127
213	1182.212	1182.086	1183.489	1183.186	1185.702



1481 IDR/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	288.5204	288.5836	288.2801	288.3434	289.1653
206	273.8258	271.7139	276.7343	274.3316	273.0797
213	304.606	305.5671	305.8073	307.4893	310.4484

1482 IAT/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	442.0241	442.6497	442.7738	442.8397	442.8549
206	451.2462	451.0385	451.0486	450.9549	450.9599
213	473.6464	473.8896	474.6418	475.5967	476.5415

1483 IENC/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	86.93417	84.39802	82.17333	83.58024	84.24178
206	89.12277	87.034	100.2698	95.9579	88.9457
213	95.72646	90.31323	90.42298	85.68705	89.20381

1484 IALL/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	1780	Limit_Max	2280	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1932.662	1931.068	1927.551	1929.34	1930.978
206	1958.637	1954.115	1973.318	1966.724	1957.112
213	2056.191	2051.855	2054.361	2051.958	2061.895

1485 PWR/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	3.2	Limit_Max	4.4	W	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.672058	3.669029	3.662347	3.665745	3.668857
206	3.721411	3.712819	3.749303	3.736776	3.718513
213	3.906763	3.898525	3.903286	3.898721	3.917601

1486 IA_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	605.0413	605.0287	605.1804	605.2563	605.8632
206	623.3506	623.4517	623.4391	623.7172	623.123
213	643.468	643.6577	644.3784	644.6566	646.2118

1487 IDR_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	153.171	152.8548	153.0445	154.2585	154.5241
206	140.4239	141.8655	142.2575	141.8402	141.347
213	160.7332	162.276	162.0358	163.3889	165.1973

1488 IAT_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	264.8683	265.1798	265.2608	265.2988	265.385
206	270.5874	270.4126	270.438	270.3822	270.4101
213	284.6572	284.9434	285.336	285.8856	286.4808

1489 IENC_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	51.86964	49.61727	51.49772	51.65117	52.00607
206	50.70128	53.40104	52.47402	49.90307	51.56834
213	54.66314	56.27913	57.32453	55.19994	55.01093

1490 IALL_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	930	Limit_Max	1300	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1074.95	1072.681	1074.984	1076.465	1077.778
206	1085.063	1089.131	1088.609	1085.843	1086.448
213	1143.522	1147.156	1149.075	1149.131	1152.901



1491 PWR_PDQ/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	W
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2.042405	2.038093	2.042469	2.045283 2.047779
206	2.06162	2.069349	2.068356	2.063101 2.064252
213	2.172691	2.179597	2.183242	2.183349 2.190512

1492 IA_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	608.6703	608.6577	608.3289	608.5565 609.3405
206	623.869	623.869	623.7046	624.261 623.9449
213	648.4499	648.4499	649.0948	649.2718 650.7385

1493 IDR_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	147.9229	148.1758	148.6311	148.8208 149.1369
206	134.9229	135.0367	134.8976	134.8217 134.9861
213	155.2196	155.9151	156.383	158.0144 159.2537

1494 IAT_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	264.9063	265.2634	265.423	265.5091 265.6306
206	270.9698	270.8027	270.8103	270.7748 270.8027
213	284.9966	285.2448	285.6982	286.2909 286.8633

1495 IENC_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	39.81514	39.41908	39.51104	41.64198 44.99794
206	41.08003	41.66307	40.33593	41.36076 41.73928
213	42.46484	42.29539	42.07132	41.6397 42.32715



1496 IALL_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	930	Limit_Max	1300	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1061.315	1061.516	1061.894	1064.528	1069.106
206	1070.842	1071.371	1069.748	1071.218	1071.473
213	1131.131	1131.905	1133.247	1135.217	1139.183

1497 PWR_PDI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	W	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.016498	2.01688	2.017599	2.022604	2.031301
206	2.034599	2.035606	2.032522	2.035315	2.035799
213	2.149149	2.15062	2.15317	2.156912	2.164447

1498 IA_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.861849	1.876838	1.896907	2.174327	2.94104
206	2.17077	2.143333	2.140793	2.146127	2.141301
213	2.571148	2.615098	2.64914	2.818336	2.871177

1499 IDR_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	6.577616	5.307258	4.799114	41.38544	363.5484
206	6.577616	7.593903	3.528755	7.593903	2.258397
213	12.92941	13.18348	36.55808	653.6983	976.3694

1500 IAT_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.431277	0.449007	0.446474	0.456605	0.535123
206	0.51486	0.509795	0.522459	0.53259	0.555386
213	1.087279	1.051819	1.07968	1.180993	1.218986



1501 IENC_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.030686	0.028654	0.039832	0.074382	0.116808
206	0.058631	0.056853	0.058886	0.059648	0.060918
213	0.050248	0.053805	0.055329	0.099025	0.107408

1502 IALL_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	85 mA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.33039	2.359806	2.388013	2.7467	3.95652
206	2.750839	2.717575	2.725666	2.745959	2.759862
213	3.721604	3.733905	3.820708	4.752052	5.173941

1503 PWR_PD/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mW	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4.427741	4.483631	4.537224	5.21873	7.517387
206	5.226595	5.163392	5.178765	5.217323	5.243739
213	7.071048	7.09442	7.259344	9.028898	9.830487

1510 IA_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	604.9655	605.2943	605.3954	605.5977	606.1287
206	623.7046	623.477	623.8564	623.8817	623.2747
213	643.8852	643.9358	644.6692	644.7703	646.4647

1511 IDR_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	152.4502	151.3247	152.1087	153.7906	154.6505
206	140.8665	141.4355	144.4453	142.3208	140.8412
213	161.669	160.0757	161.5932	161.7702	165.526



1512 IAT_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	264.8404	265.1646	265.2254	265.2811 265.39
206	270.5291	270.3772	270.4228	270.3924 270.367
213	284.6547	284.9029	285.3056	285.8856 286.5264

1513 IENC_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	50.93831	49.3335	51.89022	50.92154 51.77412
206	51.90851	54.69794	52.99786	52.37596 51.25003
213	59.4603	54.96545	55.53985	51.61687 54.70023

1514 IALL_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	930	Limit_Max	1300	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	1073.194	1071.117	1074.62	1075.591 1077.943
206	1087.009	1089.988	1091.722	1088.971 1085.733
213	1149.669	1143.88	1147.108	1144.043 1153.217

1515 PWR_PDQ_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	W
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2.039069	2.035122	2.041777	2.043623 2.048093
206	2.065317	2.070976	2.074272	2.069044 2.062893
213	2.184371	2.173372	2.179505	2.173682 2.191113

1516 IA_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	608.9359	608.822	608.5818	608.8979 609.6566
206	624.1977	624.0081	624.046	624.476 624.0081
213	648.6649	648.627	649.335	649.8914 651.0167



1517 IDR_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	148.3149	147.7712	148.3782	148.8208	148.6564
206	135.239	134.9608	134.847	134.8597	134.9355
213	155.1564	155.9657	156.3704	157.7867	158.7478

1518 IAT_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	264.8911	265.2634	265.4305	265.504	265.6509
206	270.9344	270.7748	270.7951	270.7875	270.7799
213	284.9992	285.2296	285.6957	286.2681	286.8886

1519 IENC_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	42.59694	39.67414	40.85647	42.59872	40.27699
206	41.72633	41.39124	41.36126	40.76908	40.90779
213	42.42191	42.37237	42.0571	42.63023	42.49456

1520 IALL_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	930	Limit_Max	1300	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1064.739	1061.531	1063.247	1065.821	1064.241
206	1072.098	1071.135	1071.049	1070.892	1070.631
213	1131.242	1132.195	1133.458	1136.576	1139.148

1521 PWR_PDI_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	W	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.023004	2.016908	2.020169	2.025061	2.022058
206	2.036985	2.035156	2.034994	2.034695	2.034199
213	2.14936	2.15117	2.15357	2.159495	2.164381



1522 IA_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.958641	1.973884	1.993699	2.436757	3.516457
206	2.2668	2.23733	2.238347	2.240633	2.239109
213	2.66921	2.708333	2.756348	3.029957	3.196357

1523 IDR_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.109376	5.048978	4.388142	207.1887	335.3909
206	7.183988	3.193553	3.168136	6.370651	8.632745
213	21.34114	14.19902	18.95196	616.1447	555.5003

1524 IAT_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.41608	0.454073	0.438876	0.464204	0.555386
206	0.522459	0.53259	0.545254	0.519926	0.535123
213	1.059418	1.112607	1.160731	1.183526	1.289905

1525 IENC_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.021795	0.031449	0.042627	0.085052	0.127986
206	0.059394	0.058886	0.058631	0.056853	0.058631
213	0.051264	0.051518	0.054059	0.095976	0.086069

1526 IALL_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	85 mA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.397625	2.464454	2.47959	3.193202	4.535219
206	2.855836	2.832	2.845401	2.823783	2.841496
213	3.801233	3.886657	3.990089	4.925604	5.127831



1527 PWR_PD_SPI/X/1_2/H/1.9/1.9/H/248/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/-0.5/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA	mW	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4.555488	4.682462	4.711221	6.067084	8.616917
206	5.426089	5.380799	5.406261	5.365187	5.398842
213	7.222343	7.384649	7.58117	9.358647	9.742878

1530 DNLMAX/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	1.35 LSB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.776293	0.778883	0.655304	0.570047	0.750365
206	0.752591	0.545595	0.636664	0.748412	0.53817
213	0.663595	0.603318	0.633037	0.62375	0.606474

1531 DNLMIN/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.35	Limit_Max	NA	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.49606	-0.58334	-0.51035	-0.52614	-0.48101
206	-0.50893	-0.53729	-0.54538	-0.51623	-0.48702
213	-0.48556	-0.5288	-0.58484	-0.50558	-0.50229

1532 INLMAX/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	7.5 LSB		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.241353	2.342778	2.452691	2.920217	2.463676
206	3.251025	3.365106	3.081206	3.013134	3.485962
213	2.262722	3.0866	2.780895	2.385278	2.579475

1533 INLMIN/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-7.5	Limit_Max	NA	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.64959	-3.92222	-3.45984	-3.83216	-3.95919
206	-4.22437	-3.99404	-4.23519	-4.50682	-5.23174
213	-4.73278	-4.77451	-4.51483	-3.71363	-4.4524



1534 OFFSET/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-35	Limit_Max	55	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.5193	-8.23102	-12.6482	-15.0001	-14.7153
206	-12.8482	-14.3168	-11.7509	-3.5	-14.8047
213	-12.6448	-11.7872	-12.0515	-3.31122	-14.7258

1535 POSFS/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	375	Limit_Max	445	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	412.0375	412.3422	411.1222	409.902	410.8175
206	417.2241	415.6986	416.9188	416.3087	415.3937
213	416.6139	416.6142	416.0045	416.6152	417.2257

1536 POSFSERR/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	30	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.037492	2.342191	1.122203	-0.09802	0.817504
206	7.22405	5.698647	6.918755	6.308761	5.39371
213	6.613936	6.614175	6.004539	6.615248	7.225718

1537 NEGFS/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-445	Limit_Max	-375	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-416.291	-414.156	-413.24	-410.189	-412.935
206	-416.901	-416.901	-417.206	-415.987	-417.206
213	-417.817	-416.596	-416.29	-415.68	-419.95

1538 NEGFSERR/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	30	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-6.29112	-4.15584	-3.24008	-0.18891	-2.93454
206	-6.90123	-6.90135	-7.20617	-5.98654	-7.20617
213	-7.81652	-6.59582	-6.2904	-5.67957	-9.95013



1539 SPARKLE/I/1_2/H/1.9/1.9/H/2/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0	Limit_Max	110	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	25	23	23	22	23
206	21	23	23	22	22
213	20	23	23	21	21

1540 DNLMAX/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	1.35	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.563984	0.552855	0.614651	0.538603	0.737678
206	0.501185	0.595195	0.547364	0.571102	0.697364
213	0.660783	0.492937	0.516292	0.671698	0.528674

1541 DNLMIN/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.35	Limit_Max	NA	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.54016	-0.42684	-0.42865	-0.4649	-0.53375
206	-0.48925	-0.51288	-0.44973	-0.47901	-0.43292
213	-0.4489	-0.42528	-0.48159	-0.44471	-0.47701

1542 INLMAX/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	7.5	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.93483	2.699003	2.983702	2.925501	2.890518
206	2.356303	3.25334	3.345264	2.979858	3.730758
213	2.859968	3.046731	2.651663	2.930685	3.193583

1543 INLMIN/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-7.5	Limit_Max	NA	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.95635	-4.38666	-3.51674	-4.34565	-4.55808
206	-4.73321	-6.18889	-5.35173	-4.9521	-5.53274
213	-4.02561	-4.17843	-4.52539	-4.09396	-4.45679



1544 OFFSET/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-35	Limit_Max	55	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-6.55493	-6.47876	-6.12744	-6.13104	-6.04468
206	-6.90802	-6.93799	-6.64636	-6.85956	-7.35693
213	-6.71826	-6.4317	-5.44757	-5.98718	-6.1817

1545 POSFS/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	375	Limit_Max	445	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	420.7021	421.9226	421.617	420.3966	421.0068
206	418.8721	420.092	418.5667	420.092	420.397
213	416.7366	416.4311	417.3454	417.9543	418.8678

1546 POSFSERR/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	30	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	10.7021	11.92256	11.61703	10.39657	11.0068
206	8.872118	10.09199	8.566704	10.09199	10.39704
213	6.736603	6.431069	7.345405	7.954326	8.867826

1547 NEGFS/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-445	Limit_Max	-375	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-415.996	-415.386	-415.691	-412.336	-415.387
206	-414.471	-414.166	-414.471	-414.471	-413.861
213	-412.335	-411.116	-412.642	-412.034	-410.815

1548 NEGFSERR/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	30	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-5.99596	-5.38572	-5.69114	-2.33623	-5.38668
206	-4.47079	-4.16574	-4.47067	-4.47079	-3.86104
213	-2.3354	-1.11636	-2.642	-2.03392	-0.81548



1549 SPARKLE/Q/1_2/H/1.9/1.9/H/0/2/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0	Limit_Max	110	LSB	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	25	26	22	24	24
206	24	26	27	26	24
213	25	23	21	23	23

1550 IQMATCHPOS/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-19	Limit_Max	19	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-8.66461	-9.58037	-10.4948	-10.4946	-10.1893
206	-1.64807	-4.39334	-1.64795	-3.78323	-5.00333
213	-0.12267	0.183105	-1.34087	-1.33908	-1.64211

1551 IQMATCHNEG/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-19	Limit_Max	19	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.29516	1.229882	2.451062	2.147317	2.452135
206	-2.43044	-2.73561	-2.7355	-1.51575	-3.34513
213	-5.48112	-5.47945	-3.6484	-3.64566	-9.13465

1560 VBG+100UA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.15	Limit_Max	1.35	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.287866	1.287522	1.288491	1.288491	1.288522
206	1.289491	1.289366	1.288803	1.288428	1.289835
213	1.287115	1.289085	1.290741	1.294492	1.298524

1561 VBG-100UA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.15	Limit_Max	1.35	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.280895	1.280583	1.281583	1.281645	1.28177
206	1.282364	1.282364	1.282177	1.281677	1.282989
213	1.279676	1.281895	1.283458	1.287209	1.291554



1562 VCMO+100U/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.15	Limit_Max	1.35	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.283528	1.283653	1.285026	1.285775	1.286119
206	1.284995	1.284808	1.284495	1.284121	1.28537
213	1.284371	1.287055	1.289396	1.293673	1.298386

1563 VCMO-100U/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.15	Limit_Max	1.35	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.27435	1.274475	1.276036	1.276692	1.277066
206	1.275755	1.275786	1.275412	1.275068	1.276255
213	1.274943	1.277722	1.28	1.284464	1.288928

1564 VNEGI-0MA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.1	Limit_Max	-0.76	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.8158	-0.81599	-0.81502	-0.8154	-0.81331
206	-0.81808	-0.81789	-0.81795	-0.8183	-0.81658
213	-0.7841	-0.78247	-0.78216	-0.78179	-0.78288

1565 VNEGQ-0MA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.1	Limit_Max	-0.76	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.84524	-0.84589	-0.84396	-0.83946	-0.84242
206	-0.83624	-0.83277	-0.83471	-0.82786	-0.82833
213	-0.80637	-0.80493	-0.80521	-0.80487	-0.80581

1566 VNEGI-60MA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.05	Limit_Max	-0.1	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.62339	-0.62479	-0.62067	-0.62317	-0.61821
206	-0.62551	-0.62454	-0.62579	-0.62567	-0.62052
213	-0.58772	-0.58601	-0.5842	-0.58348	-0.58351



1567 VNEGQ-60MA/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.05	Limit_Max	-0.1	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.67905	-0.68105	-0.67871	-0.6729	-0.67624
206	-0.67046	-0.66733	-0.66946	-0.66112	-0.6619
213	-0.637	-0.636	-0.63672	-0.63597	-0.63687

1568 VNEGI-CHA_PD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-0.03	Limit_Max	0.03	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.00537	-0.00527	-0.00527	-0.0053	-0.0053
206	-0.00543	-0.0053	-0.00537	-0.0053	-0.00534
213	-0.00527	-0.00534	-0.0053	-0.00537	-0.00537

1569 VNEGQ-CHA_PD/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-0.03	Limit_Max	0.03	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.00328	-0.00319	-0.00328	-0.00319	-0.00328
206	-0.00319	-0.00331	-0.00322	-0.00322	-0.00325
213	-0.00325	-0.00325	-0.00316	-0.00331	-0.00316

1570 VNEGI-CHA_LF_BIT0/X/1_2/H/1.9/1.9/H/0/0/150/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.05	Limit_Max	-0.5	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.67918	-0.68106	-0.67803	-0.67884	-0.67684
206	-0.64938	-0.65073	-0.65188	-0.652	-0.64945
213	-0.62816	-0.62442	-0.62298	-0.61849	-0.61568

1571 VNEGQ-CHA_LF_BIT0/X/1_2/H/1.9/1.9/H/0/0/150/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.05	Limit_Max	-0.5	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.71761	-0.72479	-0.71517	-0.67508	-0.70523
206	-0.7013	-0.67465	-0.6912	-0.61531	-0.63315
213	-0.6743	-0.67302	-0.67299	-0.66702	-0.66533



1572 VNEGI-CHA_LF/X/1_2/H/1.9/1.9/H/0/0/150/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.1	Limit_Max	-0.76	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.83474	-0.83452	-0.83287	-0.83306	-0.83209
206	-0.83537	-0.83428	-0.83506	-0.83527	-0.8329
213	-0.7997	-0.79792	-0.7978	-0.79692	-0.79792

1573 VNEGQ-CHA_LF/X/1_2/H/1.9/1.9/H/0/0/150/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1.1	Limit_Max	-0.76	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.86751	-0.86798	-0.86611	-0.86108	-0.86461
206	-0.85527	-0.85127	-0.85317	-0.84533	-0.84639
213	-0.82305	-0.82174	-0.82237	-0.82162	-0.82249

1574 CALTIME/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	40000000	Limit_Max	53000000	CYCLE	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	40972744	40972744	40972744	40972744	40972744
206	40972744	40972744	40972744	40972740	40972744
213	40972744	40972744	40972744	40972744	40972744

1575 RIN/I/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	100	Limit_Max	108	OHM	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	104.3398	104.3975	104.3044	104.2873	104.2548
206	104.4992	104.1992	104.1977	104.3068	104.2261
213	104.2017	104.1896	104.1387	104.1954	104.1597

1576 RIN/Q/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	100	Limit_Max	108	OHM	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	103.8633	103.9493	103.944	103.9132	103.9523
206	104.3922	104.4548	104.2752	104.3907	104.2333
213	104.2318	103.9695	104.1761	104.2977	104.1461



1577 RINDES/I/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	53	Limit_Max	87	OHM	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.64397	61.68106	61.5003	61.59171	61.55193
206	62.02726	61.68677	61.73753	61.78204	61.83718
213	61.7163	61.77593	61.65489	61.75052	61.72713

1578 RINDES/Q/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	53	Limit_Max	87	OHM	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	61.57165	61.56242	61.59199	61.5719	61.65483
206	61.86615	61.85873	61.80355	61.92009	61.67334
213	61.81654	61.60006	61.85298	61.82071	61.79951

1580 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.285441	0.282314	0.279187	0.448052	0.610663
206	0.336726	0.307331	0.309833	0.315462	0.316713
213	0.754511	0.745755	0.76827	0.773899	0.799542

1581 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.5	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.028144	0.02189	0.020639	0.024392	0.026893
206	0.041278	0.038776	0.020639	0.02189	0.010632
213	0.014385	0.03002	0.013134	0.020639	0.038151

1582 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.5	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.053161	0.041904	0.060041	0.061292	0.047532
206	0.047532	0.054412	0.050034	0.045031	0.043154
213	0.041904	0.055663	0.031897	0.05066	0.063793



1583 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.75	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.090687	0.070048	0.083807	0.088185	0.13259
206	0.100068	0.107573	0.103195	0.08756	0.089436
213	0.113202	0.113202	0.098192	0.116329	0.111951

1584 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.75	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.318342	0.319593	0.321469	0.325222	0.373379
206	0.37463	0.361496	0.369001	0.37463	0.363998
213	0.185752	0.196384	0.192631	0.192006	0.199511

1585 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.530987	0.539117	0.528485	0.534114	0.577268
206	0.701103	0.700477	0.716113	0.695474	0.695474
213	0.465943	0.460314	0.430293	0.445929	0.441551

1586 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0.65	Limit_Max	2	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.02695	1.025699	1.032579	1.036957	1.077609
206	1.425972	1.409711	1.424721	1.420968	1.407834
213	1.096997	1.07886	1.045087	1.066352	1.060723

1587 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1.5	Limit_Max	3.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.158971	2.173981	2.190868	2.162724	2.166476
206	2.638673	2.62679	2.627415	2.628041	2.627415
213	2.297816	2.268421	2.2384	2.2384	2.240277



1588 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/128/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	3.5	Limit_Max	6	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4.207242	4.183476	4.172843	4.10217	4.075277
206	4.885204	4.885204	4.879575	4.881452	4.872695
213	4.574993	4.544972	4.517454	4.508072	4.506196

1589 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/256/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	7	Limit_Max	12	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.410731	8.354444	8.295028	8.163063	8.036727
206	9.644072	9.642821	9.628436	9.629687	9.62656
213	9.18751	9.153738	9.10558	9.070557	9.094322

1590 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/512/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	14	Limit_Max	23	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	16.85774	16.71702	16.62008	16.34114	16.0378
206	18.94291	18.91664	18.91852	18.91226	18.91101
213	18.93415	18.73839	18.60518	18.522	18.57078

1591 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1024/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	30	Limit_Max	45	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	33.36461	33.17136	33.0569	32.63286	32.05685
206	37.50743	37.44489	37.43676	37.44364	37.42988
213	36.86262	36.41169	36.11649	35.96764	36.06145

1592 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2048/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	55	Limit_Max	90	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	68.15269	67.80933	67.60107	66.71859	65.5159
206	74.97672	74.84351	74.82661	74.85226	74.8335
213	73.76276	72.90718	72.39496	72.15166	72.42811



1593 I_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4095/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	110	Limit_Max	180	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	134.3772	133.6079	133.1182	131.4602	129.0354
206	149.5219	149.2361	149.2386	149.2648	149.2348
213	146.7294	144.9288	143.9881	143.5003	144.0688

1600 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.287318	0.266679	0.277311	0.458059	1.016565
206	0.338603	0.312335	0.309208	0.303579	0.311084
213	0.755762	0.762016	0.76827	0.938386	0.993424

1601 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.5	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.026268	0.027519	0.019388	0.020639	0.029395
206	0.020014	0.029395	0.027519	0.025642	0.031271
213	0.023141	0.028144	0.035024	0.014385	0.036275

1602 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.5	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.052536	0.06567	0.050034	0.053161	0.063793
206	0.05066	0.053161	0.056288	0.046282	0.041904
213	0.05066	0.050034	0.054412	0.058165	0.059415

1603 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.75	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.075051	0.081931	0.075051	0.084433	0.090687
206	0.133216	0.133841	0.141346	0.142597	0.136343
213	0.085683	0.076302	0.075051	0.086934	0.084433



1604 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	0.75	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.270184	0.290823	0.27894	0.26393	0.285194
206	0.292699	0.290198	0.30083	0.296452	0.290198
213	0.370878	0.363373	0.367125	0.355242	0.374005

1605 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.510973	0.506595	0.501592	0.493461	0.493461
206	0.60854	0.59478	0.612918	0.637309	0.613543
213	0.669831	0.674209	0.659825	0.655447	0.661701

1606 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0.65	Limit_Max	2	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.022572	1.016318	1.019445	0.994428	0.985046
206	1.229588	1.228337	1.227086	1.231464	1.233341
213	1.334034	1.318398	1.309017	1.283375	1.30589

1607 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1.5	Limit_Max	3.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.91568	1.905674	1.852512	1.817489	1.766829
206	2.507334	2.522969	2.512963	2.50921	2.507959
213	2.46543	2.437286	2.411018	2.375369	2.371616

1608 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/128/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	3.5	Limit_Max	6	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.946439	3.904536	3.857629	3.791959	3.696269
206	4.774504	4.777005	4.787638	4.783259	4.780758
213	4.835795	4.794517	4.745734	4.680064	4.673184



1609 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/256/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	7	Limit_Max	12	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8.293152	8.243117	8.172444	8.029222	7.80657
206	9.448939	9.433928	9.426424	9.451441	9.437056
213	9.709116	9.607172	9.537124	9.412664	9.398279

1610 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/512/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	14	Limit_Max	23	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	16.49812	16.36678	16.27359	16.01529	15.59062
206	18.86098	18.85222	18.84472	18.83909	18.83784
213	19.0705	18.77842	18.59267	18.39128	18.33124

1611 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1024/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	30	Limit_Max	45	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	33.86433	33.67044	33.50346	33.08442	32.21008
206	36.78507	36.72815	36.73503	36.73128	36.71377
213	37.92397	37.34545	37.02836	36.68562	36.56492

1612 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2048/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	55	Limit_Max	90	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	68.77562	68.46603	68.17896	67.37216	65.5972
206	72.97411	72.86903	72.86278	72.85402	72.86966
213	75.39951	74.21933	73.57452	72.95347	72.73331

1613 Q_OFFSET_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4095/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	110	Limit_Max	180	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	136.1765	135.5649	135.0164	133.414	129.9298
206	145.1139	144.9144	144.9144	144.9006	144.8669
213	148.196	145.8813	144.5917	143.4496	143.015



1620 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	0.821355	0.840116	0.77758	1.040231 1.553026
206	0.890145	0.958934	0.77758	0.808848 0.852623
213	1.246599	1.315389	1.327896	1.252853 1.352911

1621 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	0.012507	0	0.012507	-0.07504 0.012507
206	0.012507	-0.14383	0.043775	0.043775 -0.03752
213	0.018761	-0.01876	-0.06879	0.018761 -0.03127

1622 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	-0.08755	-0.0813	0.018761	0.056282 0.025014
206	-0.08755	-0.0938	0.112565	0.081297 -0.01876
213	-0.01251	0.037522	-0.06254	0.025014 0

1623 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	0.037522	-0.05003	0.062536	-0.0938 0.131325
206	-0.06254	-0.11256	0.050029	0.06879 -0.05628
213	0.037522	-0.05628	0.012507	0.125072 -0.05003

1624 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	0.025014	-0.0813	0.06879	-0.03752 0.037522
206	-0.05628	-0.0813	0.050029	0.006254 -0.00625
213	0.075043	-0.03752	-0.03127	0.031268 -0.01876



1625 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.00625	-0.03127	0.125072	0.050029	0.093804
206	0.018761	-0.04378	0.15634	0.162593	0.15634
213	0.100058	0.043775	0.112565	0.15634	0.012507

1626 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.212622	0.08755	0.200115	0.162593	0.175101
206	0.162593	0.06879	0.293919	0.200115	0.212622
213	0.368962	0.268905	0.281412	0.350201	0.137579

1627 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	1.6	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.64412	0.581584	0.587838	0.581584	0.631613
206	0.368962	0.225129	0.462766	0.40023	0.431498
213	0.437752	0.406484	0.293919	0.40023	0.318933

1628 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/128/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0	Limit_Max	2.2	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.169422	1.106886	1.144408	1.11314	1.194437
206	0.806714	0.844235	0.819221	0.844235	0.80046
213	1.038097	0.900518	1.000575	1.038097	0.787953

1629 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/256/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0.85	Limit_Max	3.4	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.894839	1.857318	1.944868	1.844811	1.869825
206	1.788528	1.713485	1.969883	1.951122	1.801036
213	1.938615	1.763514	1.75726	1.894839	1.707232



1630 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/512/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2.5	Limit_Max	5.3	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.733397	3.770918	3.80844	3.608325	3.733397
206	3.670861	3.620832	3.6521	3.633339	3.677114
213	3.939765	3.689621	3.570803	3.658353	3.564549

1631 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1024/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	5.4	Limit_Max	10.5	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7.104084	6.941491	7.004027	6.85394	6.866448
206	7.32296	7.347975	7.385496	7.32296	7.360482
213	7.641894	7.385496	7.341721	7.410511	7.329214

1632 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2048/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	11	Limit_Max	21	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	14.03307	13.95802	13.9205	13.62033	13.62033
206	14.90857	14.75223	14.94609	14.94609	14.80851
213	15.50266	15.07117	14.8773	14.87105	14.79601

1633 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4096/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	22	Limit_Max	42	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	27.61588	27.18438	26.953	26.66533	26.6153
206	29.04795	28.90412	29.07297	29.09173	28.95415
213	30.94279	30.15484	29.77337	29.61077	29.79213

1634 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8192/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	44	Limit_Max	81	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	54.27496	53.31815	52.93043	52.25504	52.0862
206	58.43985	58.28351	58.30853	58.3523	58.33354
213	61.66045	59.99699	59.45293	59.09648	59.15276



1635 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16384/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	87	Limit_Max	163	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	107.6994	105.8046	104.8791	103.9285	103.6346
206	115.8354	115.4664	115.7228	115.604	115.5915
213	121.5949	118.218	117.1048	116.4107	116.6546

1636 I_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32767/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	175	Limit_Max	322	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	214.9298	210.9901	209.0639	207.0065	206.3937
206	231.4643	230.8327	231.0453	230.9953	230.8952
213	242.0892	235.673	233.3904	232.2773	232.7963

1640 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.790087	0.640001	0.833862	0.871384	1.252853
206	0.890145	0.883891	0.833862	0.846369	0.783833
213	1.252853	1.165303	1.221585	1.196571	1.284121

1641 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.02501	0.100058	-0.06254	0.093804	-0.00625
206	0	-0.05003	0.037522	0.006254	-0.01251
213	-0.03752	0.056282	0.031268	0.168847	0.062536

1642 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.006254	0.162593	-0.01876	0.025014	-0.05628
206	-0.00625	-0.04378	0.006254	0.037522	0.025014
213	0.106311	0.200115	0.112565	0.181354	0.06879



1643 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.025014	0.193861	0.006254	0.025014	-0.07504
206	0.006254	-0.12507	-0.03127	0.025014	0.06879
213	0.100058	0.112565	0.093804	0.143833	0.050029

1644 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.081297	0.200115	0.043775	0.075043	0.031268
206	-0.02501	-0.02501	0.018761	0.025014	0.08755
213	0.150086	0.162593	0.131325	0.193861	0.131325

1645 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.062536	0.200115	0.050029	0.112565	0.162593
206	0.125072	-0.05628	0.025014	0.06879	0.081297
213	0.131325	0.237637	0.181354	0.237637	0.206369

1646 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-1.25	Limit_Max	1.25	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.15634	0.350201	0.143833	0.325187	0.193861
206	0.250144	0.093804	0.187608	0.168847	0.281412
213	0.287665	0.356455	0.281412	0.306426	0.31268

1647 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	-0.5	Limit_Max	1.6	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.450259	0.531556	0.368962	0.412737	0.31268
206	0.406484	0.356455	0.381469	0.418991	0.500288
213	0.544063	0.550316	0.62536	0.600345	0.594092



1648 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/128/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0	Limit_Max	2.2	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.856743	0.938039	0.725417	0.769192	0.631613
206	1.094379	1.013083	1.013083	1.094379	1.131901
213	1.038097	1.163169	1.131901	1.150662	1.075618

1649 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/256/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	0.85	Limit_Max	3.4	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.663456	1.776021	1.525877	1.575906	1.575906
206	1.863571	1.932361	1.988643	1.863571	1.957375
213	1.938615	2.082447	2.032418	2.101208	2.063687

1650 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/512/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2.5	Limit_Max	5.3	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.18308	3.233109	3.032994	2.995472	2.920429
206	3.683368	3.702128	3.714636	3.714636	3.714636
213	3.764664	3.833454	3.839708	3.89599	3.921004

1651 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1024/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	5.4	Limit_Max	10.5	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	6.822673	6.83518	6.647572	6.616304	6.566275
206	7.423018	7.404257	7.560597	7.529329	7.535583
213	7.491807	7.473047	7.360482	7.448032	7.485554

1652 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2048/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	11	Limit_Max	21	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	14.1769	14.18315	13.93301	13.92676	13.81419
206	14.70846	14.68344	14.7835	14.72096	14.72096
213	15.35883	15.215	15.14621	15.25877	15.24627



1653 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4096/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	22	Limit_Max	42	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	27.99735	27.60962	27.21565	27.02804	26.80916
206	29.71083	29.70458	29.78588	29.68582	29.66706
213	31.24922	30.61135	30.39873	30.39247	30.36121

1654 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8192/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	44	Limit_Max	81	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	55.06916	54.29372	53.77467	53.2181	52.98671
206	60.15334	59.94071	60.06578	60.05953	60.15334
213	61.91059	60.55982	60.19086	60.02201	60.30967

1655 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16384/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	87	Limit_Max	163	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	108.775	107.0678	105.7796	104.8228	104.385
206	117.9616	117.4926	117.6864	117.6176	117.6364
213	123.6586	121.376	120.4568	120.2004	120.5756

1656 Q_GAIN_DAC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32767/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	175	Limit_Max	322	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	216.8934	213.3914	211.1777	209.189	208.7137
206	235.1102	234.5098	234.6099	234.5473	234.6286
213	244.8283	239.6878	237.8993	237.1614	238.2307

1660 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	5.247792	6.060667	5.185263	5.560436	5.497907
206	5.560436	5.31032	5.247792	5.87308	5.685493
213	5.748022	6.123195	6.560897	5.622965	5.998137



1661 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	16	Limit_Max	27	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	20.32187	18.94623	19.75911	19.69658	20.00922
206	20.32187	20.50945	20.44692	20.38439	20.07175
213	21.82256	21.2598	21.13474	21.88509	21.2598

1662 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	34	Limit_Max	52	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	39.08051	38.45522	40.20603	39.20557	40.08097
206	42.08189	41.4566	41.4566	40.89385	40.95638
213	40.95638	41.08143	41.4566	42.14442	41.39408

1663 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	70	Limit_Max	105	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	76.34769	76.28516	77.9109	77.41068	77.78585
206	80.91229	80.91229	81.66264	80.91229	80.47459
213	85.41437	86.47736	86.41483	88.04057	87.79046

1664 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	140	Limit_Max	205	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	152.6328	152.6954	154.8214	155.4466	155.0715
206	162.8876	163.0126	163.1377	162.8876	163.4503
213	170.8913	172.5795	173.6425	174.9556	175.0182

1665 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	280	Limit_Max	410	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	309.5802	311.1434	314.4574	315.3954	315.8331
206	323.0864	323.8993	322.8988	322.8988	322.7737
213	345.034	349.0359	350.7867	352.9752	353.3503



1666 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	560	Limit_Max	820	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	615.3461	619.4105	623.7875	625.7884	625.1631
206	647.0482	647.4859	647.4859	646.7355	646.9232
213	686.4413	694.3825	697.4464	700.823	702.011

1667 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1120	Limit_Max	1640	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1210.433	1220.312	1227.441	1231.63	1232.505
206	1287.218	1287.093	1287.281	1286.53	1285.905
213	1362.565	1377.823	1384.138	1391.016	1392.329

1668 APER_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/127/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2375.407	2393.166	2406.547	2414.425	2415.051
206	2513.033	2512.095	2511.595	2511.845	2511.97
213	2658.975	2687.176	2698.243	2711	2715.064

1669 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2373.656	2392.516	2406.943	2414.75	2416.186
206	2512.426	2510.428	2510.677	2509.366	2511.802
213	2657.255	2686.046	2699.348	2711.215	2714.899

1670 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2355.169	2375.841	2388.394	2395.576	2396.95
206	2493.503	2490.755	2493.565	2492.379	2492.754
213	2637.645	2666.123	2678.614	2690.542	2694.477



1671 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2337.245	2356.606	2369.159	2377.215 2379.089
206	2472.831	2472.894	2472.082	2472.581 2472.331
213	2618.721	2646.576	2659.191	2671.057 2674.804

1672 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2302.271	2320.633	2332.999	2341.367 2343.241
206	2436.421	2435.422	2434.485	2434.735 2435.234
213	2577.253	2604.607	2617.66	2629.026 2632.711

1673 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2000	Limit_Max	3000	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2231.012	2248.312	2260.178	2268.36 2269.171
206	2358.167	2357.168	2357.73	2357.355 2357.792
213	2496.688	2523.48	2536.221	2545.339 2549.648

1674 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1900	Limit_Max	2800	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2079.751	2097.301	2107.98	2114.725 2115.974
206	2205.407	2204.158	2204.158	2204.345 2205.469
213	2330.563	2356.356	2367.41	2377.965 2380.525

1675 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1650	Limit_Max	2450	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	1785.16	1800.586	1810.141	1816.574 1817.261
206	1893.079	1893.079	1892.954	1892.142 1893.079
213	2002.247	2024.667	2033.911	2043.903 2046.089



1676 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1100	Limit_Max	1650	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1197.414	1206.719	1214.151	1218.148	1219.897
206	1261.865	1262.052	1262.552	1262.177	1262.427
213	1336.309	1351.298	1358.73	1364.351	1365.974

1677 APER_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/127/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	6.046796	5.984343	5.73453	5.796984	5.73453
206	6.796234	6.046796	5.92189	6.234156	5.672078
213	5.672078	6.234156	6.421515	5.796984	5.92189

1680 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	5.685493	4.622504	5.998137	5.685493	6.373311
206	5.247792	5.622965	6.373311	5.748022	6.310781
213	6.93607	6.435839	6.685955	6.811012	8.49929

1681 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	16	Limit_Max	27	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	19.07129	20.07175	18.32094	19.50899	19.00876
206	21.00968	21.88509	20.8221	21.00968	20.32187
213	21.82256	21.44738	21.44738	21.50991	21.63497

1682 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	34	Limit_Max	52	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	39.33063	40.95638	40.39362	40.76879	40.1435
206	41.95684	42.14442	40.76879	41.01891	41.26902
213	41.83178	42.33201	42.01936	43.08236	42.9573



1683 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	70	Limit_Max	105	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	77.09803	78.91137	77.78585	78.66125	78.91137
206	82.10033	81.53757	81.09988	82.2254	81.53757
213	86.53989	88.22816	87.91552	89.35368	89.22862

1684 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	140	Limit_Max	205	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	154.5712	157.0099	156.197	156.5096	157.4476
206	165.2011	165.0761	165.0135	163.763	163.7004
213	172.4545	175.706	176.5188	177.0191	177.5818

1685 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	280	Limit_Max	410	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	309.4551	312.9567	312.7691	315.0202	314.1448
206	334.154	333.9664	333.0285	333.4037	333.6538
213	351.412	356.5393	357.2271	359.9784	360.2285

1686 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	560	Limit_Max	820	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	615.7838	621.7866	623.2872	626.5388	626.2886
206	662.4928	661.0546	660.1793	660.8671	660.4919
213	698.4469	706.0129	708.6391	713.3287	714.4543

1687 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1120	Limit_Max	1640	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1227.503	1238.883	1243.385	1248.826	1249.013
206	1306.665	1304.289	1303.601	1303.663	1303.163
213	1378.635	1391.329	1398.707	1406.211	1408.899



1688 APER_REP_DAC_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/127/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2370.78	2389.226	2397.73	2406.609	2407.735
206	2528.853	2526.227	2525.539	2526.164	2525.852
213	2658.475	2681.611	2694.742	2707.373	2713

1689 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2369.409	2387.52	2398.449	2406.194	2405.881
206	2526.853	2523.793	2524.167	2524.292	2524.605
213	2658.067	2678.739	2692.604	2703.47	2710.528

1690 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/1/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2351.859	2370.595	2380.275	2389.144	2388.832
206	2507.368	2505.119	2505.244	2505.494	2506.056
213	2638.644	2659.191	2673.243	2684.797	2690.917

1691 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/2/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2334.06	2351.61	2361.477	2370.533	2369.409
206	2488.007	2486.383	2487.57	2485.946	2487.133
213	2620.907	2641.579	2654.507	2666.998	2672.743

1692 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/4/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2100	Limit_Max	3100	UA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2299.149	2316.636	2326.566	2334.747	2335.622
206	2452.908	2449.911	2450.598	2450.223	2450.535
213	2580	2602.421	2614.537	2627.028	2632.336



1693 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/8/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	2000	Limit_Max	3000	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2228.39	2245.377	2254.308	2263.238 2263.051
206	2377.902	2373.968	2375.529	2375.03 2375.779
213	2503.308	2523.98	2535.971	2547.525 2554.208

1694 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/16/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1900	Limit_Max	2800	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	2085.747	2101.235	2110.853	2118.784 2117.972
206	2221.645	2220.083	2220.333	2220.083 2221.02
213	2340.992	2360.041	2372.469	2383.898 2389.269

1695 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/32/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1650	Limit_Max	2450	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	1798.15	1809.704	1818.76	1826.316 1825.567
206	1914.625	1912.002	1912.814	1913.001 1913.501
213	2018.36	2034.785	2045.964	2055.957 2060.703

1696 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/64/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	1100	Limit_Max	1650	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	1198.975	1207.344	1213.339	1218.086 1218.086
206	1287.908	1286.347	1286.971	1286.784 1286.846
213	1358.105	1369.784	1377.029	1383.336 1387.521

1697 APER_REP_DAC_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/127/ECM/0/MAN/X/20/0/DIS/HIGH/DEF

Limit_Min	NA	Limit_Max	NA	UA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad 300.0 krad
51	5.484718	6.10925	5.484718	5.984343 7.295858
206	6.296609	6.171702	5.609624	6.171702 5.859437
213	5.859437	6.796234	6.671328	7.670577 8.794733



1700 DCLKI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	399	Limit_Max	401	MHZ	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	400	400	400	400	400
206	400	400	400	400	400
213	400	400	400	400	400

1701 DCLKQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	399	Limit_Max	401	MHZ	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	400	400	400	400	400
206	400	400	400	400	400
213	400	400	400	400	400

1702 RCOU1OFF/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	MHZ	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1703 RCOU2OFF/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	MHZ	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1704 RCOU1ON/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	399	Limit_Max	401	MHZ	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	400	400	400	400	400
206	400	400	400	400	400
213	400	400	400	400	400

1705 RCOUT2ON/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	399	Limit_Max	401	MHZ	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	400	400	400	400	400
206	400	400	400	400	400
213	400	400	400	400	400

1706 NUMTIMES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	4	Limit_Max	8		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7	7	7	7	7
206	6	7	7	7	6
213	6	6	6	6	6

1707 MAXDELTACODE/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	57	57	54	57	54
206	72	54	54	63	57
213	63	54	57	60	63

1708 MINDELTACODE/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	42	42	42	45	45
206	39	48	48	42	42
213	36	51	48	54	51

1709 PHASE1/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.46875	Limit_Max	0.78125	nS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.625	0.65625	0.625	0.625	0.59375
206	0.625	0.625	0.625	0.59375	0.625
213	0.59375	0.625	0.625	0.625	0.59375



1710 PHASE2/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.09375	Limit_Max	1.40625	nS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.25	1.28125	1.21875	1.28125	1.25
206	1.21875	1.25	1.25	1.21875	1.21875
213	1.21875	1.28125	1.28125	1.25	1.21875

1711 PHASE3/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.71875	Limit_Max	2.03125	nS	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.875	1.875	1.84375	1.90625	1.875
206	1.84375	1.875	1.875	1.84375	1.84375
213	1.875	1.875	1.875	1.875	1.875

1720 IIH_FSR/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.03212	-0.03212	-0.03212	0.042004	0.042004
206	0.017296	-0.00741	-0.00741	0.017296	0.017296
213	-0.00741	0.017296	0.017296	0.017296	0.042004

1721 IIH_LSPSM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.029689	0.05443	-0.01979	0.004948	0.004948
206	-0.04453	0.029689	0.05443	0.004948	0.004948
213	-0.01979	0.004948	0.029689	0.004948	0.029689

1722 IIH_CAL/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.01976	-0.02964	0.01976	-0.02964	-0.00494
206	-0.05434	0.01976	-0.00494	0.04446	0.01976
213	0.01976	0.01976	0.04446	-0.02964	-0.02964



1723 IIH_NDM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.01975	0.054317	0.004938	0.054317	0.004938
206	0.054317	-0.01975	0.029628	0.004938	0.004938
213	0.029628	-0.01975	0.004938	0.054317	0.054317

1724 IIH_TPM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.009877	0.034571	0.009877	0.059265	0.009877
206	0.059265	0.009877	0.083958	-0.01482	0.034571
213	0.009877	-0.01482	-0.01482	0.034571	0.108652

1725 IIH_DDRPH/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.0223	0.002478	0.027258	0.002478	-0.0223
206	-0.0223	-0.0223	-0.0223	-0.0223	0.027258
213	-0.0223	-0.07186	0.027258	-0.0223	0.002478

1726 IIH_DES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.02964	0.019757	0.06915	-0.00494	0.019757
206	0.044453	0.019757	-0.02964	-0.00494	0.019757
213	0.019757	0.044453	-0.02964	-0.02964	0.019757

1727 IIH_SCSB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.02969	-0.00495	-0.07918	-0.02969	-0.00495
206	-0.00495	-0.00495	-0.02969	-0.05443	0.044537
213	0.019794	-0.02969	-0.00495	0.019794	-0.05443



1728 IIH_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.00247	-0.02717	0.046922	0.145705	0.071618
206	0.071618	-0.02717	-0.00247	-0.00247	0.071618
213	-0.00247	0.071618	-0.05186	-0.05186	0.046922

1729 IIH_SDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.037	0.012332	0.036997	-0.08633	0.036997
206	-0.01233	-0.01233	-0.037	0.012332	0.012332
213	0.012332	0.012332	0.012332	0.012332	-0.01233

1730 IIH_LOWPOW/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.04967	-0.12416	1.85E-08	-0.12416	1.85E-08
206	1.85E-08	-0.22349	1.85E-08	-0.04967	-0.149
213	-0.0745	-0.02483	-0.04967	-0.12416	-0.149

1731 IIH_PDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.01733	-0.05694	0.01733	-0.05694	-0.05694
206	-0.05694	-0.03218	-0.05694	0.01733	-0.00743
213	-0.03218	0.01733	-0.03218	-0.05694	-0.0817

1732 IIH_PDQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.05913	-0.05913	0.014783	-0.03449	-0.08377
206	-0.00986	-0.08377	-0.00986	-0.13304	-0.05913
213	-0.00986	-0.00986	-0.08377	-0.05913	-0.08377



1733 IIH_ECEB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.039402	-0.0591	-0.03448	0.014776	-0.10836
206	-0.03448	-0.08373	-0.03448	-0.08373	-0.0591
213	-0.0591	-0.03448	-0.0591	-0.03448	-0.03448

1734 IIH_SEL10BIT/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.074038	-2.1E-09	0.024679	0.024679	0.074038
206	0.049358	0.024679	0.049358	0.049358	0.049358
213	0.024679	0.049358	0.024679	-2.1E-09	0.074038

1735 IIH_POREN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.00986	0.083812	0.00986	0.00986	0.00986
206	0.083812	0.00986	0.00986	0.00986	0.00986
213	0.00986	0.00986	-0.01479	0.059162	0.059162

1736 IIL_FSR/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.03212	0.017296	-0.03212	0.017296	-0.00741
206	0.066712	0.017296	0.042004	-0.03212	-0.00741
213	-0.03212	-0.00741	0.042004	0.042004	0.042004

1737 IIL_LSPSM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1	Limit_Max	1	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.01979	0.05443	-0.01979	0.004948	-0.04453
206	-0.01979	0.004948	0.029689	0.05443	0.004948
213	0.029689	0.004948	0.029689	0.004948	-0.04453



1738 IIL_CAL/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1		Limit_Max	1		uA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.01976	0.01976	-0.00494	-0.00494	-0.00494	
206	-0.05434	-0.02964	0.04446	-0.00494	-0.02964	
213	-0.05434	0.01976	-0.02964	-0.00494	-0.02964	

1739 IIL_NDM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1		Limit_Max	1		uA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	-0.01975	-0.06913	0.054317	0.029628	0.004938	
206	0.029628	0.079007	0.004938	-0.06913	-0.01975	
213	0.029628	-0.04444	0.004938	-0.04444	0.004938	

1740 IIL_TPM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1		Limit_Max	1		uA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.034571	0.009877	-0.01482	0.059265	0.009877	
206	0.083958	0.034571	0.009877	0.083958	-0.01482	
213	0.034571	0.034571	0.034571	0.083958	0.059265	

1741 IIL_DDRPH/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1		Limit_Max	1		uA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	-0.0223	-0.0223	-0.0223	-0.07186	-0.07186	
206	-0.04708	-0.04708	-0.04708	0.002478	0.027258	
213	-0.0223	-0.0223	-0.0223	0.002478	-0.04708	

1742 IIL_DES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-1		Limit_Max	1		uA
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	-0.00494	0.019757	-0.00494	0.019757	0.044453	
206	0.019757	-0.00494	-0.02964	0.019757	0.044453	
213	-0.05433	0.044453	0.019757	0.019757	0.019757	



1743 IIL_SCSB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.4837	-16.5084	-16.4342	-16.5084	-16.4589
206	-17.3249	-17.3002	-17.3744	-17.3992	-17.3497
213	-17.6961	-17.6961	-17.7208	-17.6961	-17.6961

1744 IIL_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.2276	-16.3017	-16.5239	-16.3017	-16.4745
206	-17.2401	-17.3389	-17.3636	-17.2154	-17.2648
213	-17.5365	-17.4624	-17.4377	-17.413	-17.3389

1745 IIL_SDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-30	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-16.5131	-16.4391	-16.4145	-16.4885	-16.4145
206	-17.3517	-17.3517	-17.4011	-17.4504	-17.3271
213	-17.697	-17.6231	-17.7217	-17.6724	-17.697

1746 IIL_PDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-55	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-32.8597	-32.9092	-32.8597	-32.8597	-32.835
206	-34.2709	-34.2213	-34.1718	-34.1718	-34.1471
213	-36.5237	-36.499	-36.6475	-36.4742	-36.4742

1747 IIL_PDQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-55	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-32.2359	-32.2852	-32.2359	-32.2113	-32.2359
206	-34.404	-34.3794	-34.3794	-34.404	-34.3301
213	-36.0794	-36.1533	-36.1287	-36.0547	-36.0547



1748 IIL_ECEB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-55	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-32.8613	-32.8859	-32.8613	-32.8367	-32.8367
206	-34.6344	-34.5605	-34.6098	-34.5605	-34.5852
213	-36.6784	-36.7523	-36.703	-36.5799	-36.6045

1749 VTH_PDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.819	0.817	0.817	0.815	0.814
206	0.83	0.83	0.83	0.83	0.83
213	0.866	0.864	0.862	0.861	0.86

1750 VTH_PDQ/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.842	0.84	0.839	0.837	0.836
206	0.837	0.837	0.837	0.836	0.837
213	0.879	0.877	0.876	0.875	0.874

1751 VTH_CAL/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.914	0.912	0.91	0.908	0.905
206	0.913	0.911	0.913	0.912	0.912
213	0.942	0.94	0.939	0.934	0.935

1752 VTH_FSR/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.845	0.844	0.842	0.841	0.84
206	0.863	0.863	0.864	0.863	0.863
213	0.872	0.87	0.869	0.867	0.865



1753 VTH_LSPSM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.784	0.781	0.78	0.779	0.777
206	0.738	0.737	0.737	0.738	0.739
213	0.778	0.776	0.774	0.772	0.771

1754 VTH_SCSB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.761	0.757	0.756	0.754	0.751
206	0.783	0.784	0.784	0.784	0.783
213	0.825	0.822	0.819	0.818	0.818

1755 VTH_SDI/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.776	0.774	0.773	0.771	0.77
206	0.786	0.786	0.786	0.785	0.785
213	0.8	0.799	0.798	0.796	0.796

1756 VTH_TPM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.866	0.863	0.863	0.861	0.861
206	0.861	0.86	0.861	0.86	0.861
213	0.895	0.894	0.894	0.89	0.889

1757 VTH_NDM/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.82	0.818	0.818	0.818	0.817
206	0.823	0.823	0.823	0.822	0.823
213	0.841	0.84	0.84	0.838	0.836



1758 VTH_DES/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.836	0.835	0.834	0.832	0.832
206	0.845	0.845	0.845	0.845	0.845
213	0.867	0.865	0.865	0.863	0.861

1759 VTH_DDRPHASE/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.849	0.848	0.847	0.846	0.843
206	0.868	0.865	0.866	0.865	0.869
213	0.889	0.888	0.887	0.883	0.883

1760 VTH_ECEB/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.836	0.833	0.832	0.827	0.826
206	0.847	0.846	0.847	0.846	0.846
213	0.867	0.865	0.863	0.858	0.857

1761 VIH_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.757	0.754	0.759	0.758	0.747
206	0.8	0.801	0.801	0.799	0.8
213	0.831	0.818	0.817	0.813	0.812

1762 VIL_SCLK/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0.585	Limit_Max	1.33	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.711	0.708	0.705	0.705	0.701
206	0.752	0.751	0.753	0.752	0.752
213	0.784	0.779	0.777	0.774	0.773



1763 VOH_CALRUN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.65	Limit_Max	NA	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.743264	1.745705	1.744485	1.74601	1.743875
206	1.738383	1.740214	1.740214	1.740824	1.740214
213	1.731061	1.731976	1.732891	1.729841	1.731976

1764 VOL_CALRUN/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	0.22	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.15794	0.155805	0.15672	0.15611	0.15611
206	0.159771	0.15794	0.15794	0.157025	0.158551
213	0.168618	0.168923	0.168923	0.168923	0.168923

1765 VOH_SDO/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	1.65	Limit_Max	NA	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.739116	1.742472	1.740946	1.743387	1.740641
206	1.73698	1.738811	1.739116	1.739116	1.737895
213	1.736065	1.736065	1.73759	1.736065	1.736065

1766 VOL_SDO/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/MAN/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	0.22	V	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.148265	0.146129	0.146129	0.147349	0.146739
206	0.14979	0.149485	0.148875	0.14857	0.149485
213	0.156197	0.156807	0.155892	0.156502	0.156502

1770 IIH_RCLK_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	10	Limit_Max	40	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	18.67452	18.67452	18.6252	18.57589	18.52657
206	19.88283	19.90749	19.90749	19.93215	19.90749
213	21.09114	21.09114	21.01716	20.94318	20.89386



1771 IIH_RCLK_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	10	Limit_Max	40	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	18.69146	18.59304	18.59304	18.61764	18.59304
206	19.84783	19.87243	19.94625	19.92164	19.89704
213	21.07802	21.07802	21.02881	21.00421	20.85658

1772 IIL_RCLK_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	-50	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-30.2989	-30.2989	-30.2989	-30.3483	-30.3236
206	-31.8525	-31.8771	-31.8771	-31.9265	-31.8278
213	-32.2963	-32.3703	-32.469	-32.469	-32.5676

1773 IIL_RCLK_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	-50	Limit_Max	-10	uA	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-30.3192	-30.27	-30.3192	-30.3192	-30.3438
206	-31.8938	-31.943	-31.9184	-31.943	-31.9184
213	-32.3613	-32.3367	-32.4351	-32.4597	-32.5827

1774 VODH_RCOUT1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	290	Limit_Max	410	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	336.6541	337.569	336.959	337.2641	337.2641
206	342.7534	345.4982	343.9733	347.6329	342.4485
213	346.413	348.8528	350.0726	348.8528	349.4626

1775 VODH_RCOUT2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	290	Limit_Max	410	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	338.0287	340.7733	339.2487	340.4685	338.9436
206	341.383	342.298	342.298	344.4328	342.2979
213	349.3121	349.9221	350.837	350.532	351.1419



1776 VODL_RCOUT1_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	290	Limit_Max	410	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	340.6797	343.7292	343.4243	346.169	342.5094
206	346.169	347.0839	347.9989	348.6089	345.2542
213	351.3535	351.3535	352.8783	352.2685	352.2683

1777 VODL_RCOUT2_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	290	Limit_Max	410	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	341.1279	342.0428	340.8229	343.2627	341.4328
206	344.7877	346.6175	346.6175	349.0571	345.3976
213	352.1069	352.7169	352.7168	351.802	353.6316

1778 DVOD_RCOUT1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-4.02558	-6.16026	-6.46532	-8.90493	-5.24533
206	-3.41558	-1.58572	-4.02558	-0.97597	-2.80571
213	-4.94051	-2.50077	-2.80571	-3.4157	-2.80571

1779 DVOD_RCOUT2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-3.0992	-1.26946	-1.57428	-2.79415	-2.48921
206	-3.40474	-4.31943	-4.31943	-4.62425	-3.09968
213	-2.79486	-2.79486	-1.87981	-1.26994	-2.48969

1780 VOSH_RCOUT1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/

Limit_Min	1225	Limit_Max	1320	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1253.691	1250.794	1253.843	1250.641	1254.301
206	1256.74	1253.538	1255.521	1251.861	1256.588
213	1268.329	1266.195	1265.585	1264.67	1264.06



1781 VOSH_RCOUT2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/
Limit_Min 1225 Limit_Max 1320 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 1249.987 1248.614 1249.682 1247.852 1249.529
206 1261.728 1260.355 1260.355 1257.458 1260.965
213 1265.692 1264.472 1263.1 1263.557 1262.642

1782 VOSL_RCOUT1_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/
Limit_Min 1225 Limit_Max 1320 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 1250.489 1249.269 1251.861 1249.574 1252.013
206 1255.368 1252.471 1254.453 1249.879 1255.216
213 1266.804 1264.365 1263.602 1263.602 1262.992

1783 VOSL_RCOUT2_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/
Limit_Min 1225 Limit_Max 1320 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 1248.923 1246.635 1248.465 1246.025 1247.855
206 1260.206 1258.682 1259.291 1255.632 1259.596
213 1264.171 1262.646 1261.731 1261.884 1260.664

1784 DVOS_RCOUT1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/
Limit_Min -10 Limit_Max 10 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 3.20214 1.524806 1.982272 1.0674 2.287209
206 1.372337 1.0674 1.06746 1.982272 1.372337
213 1.524806 1.829863 1.982331 1.06734 1.0674

1785 DVOS_RCOUT2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/H/20/0.0/DIS/HIGH/DEF/
Limit_Min -10 Limit_Max 10 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 1.063943 1.978815 1.216412 1.826346 1.673877
206 1.521409 1.673818 1.063943 1.826346 1.36888
213 1.521289 1.826227 1.368821 1.673758 1.978695



1790 DCLK_RSTPW_NDM0/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1800 TIMESTAMP0/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1801 TIMESTAMP1/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1810 DDR0_90/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	70	Limit_Max	110	DEG	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	85.5	94.5	85.5	90	94.5
206	90	90	90	85.5	94.5
213	85.5	85.5	85.5	85.5	94.5

1820 RESETREG0/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	8192	Limit_Max	8192		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	8192	8192	8192	8192	8192
206	8192	8192	8192	8192	8192
213	8192	8192	8192	8192	8192



1821 RESETREG1/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	10503	Limit_Max	10503		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	10503	10503	10503	10503	10503
206	10503	10503	10503	10503	10503
213	10503	10503	10503	10503	10503

1822 RESETREG2/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1823 RESETREG3/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	16384	Limit_Max	16384		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	16384	16384	16384	16384	16384
206	16384	16384	16384	16384	16384
213	16384	16384	16384	16384	16384

1824 RESETREG4/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	56139	Limit_Max	56139		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	56139	56139	56139	56139	56139
206	56139	56139	56139	56139	56139
213	56139	56139	56139	56139	56139

1825 RESETREG5/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	64495	65519	65535	65535	65535
206	49119	49119	49119	49119	49119
213	57343	65535	65535	65535	65535



1826 RESETREG6/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	7214	Limit_Max	7214		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	7214	7214	7214	7214	7214
206	7214	7214	7214	7214	7214
213	7214	7214	7214	7214	7214

1827 RESETREG7/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	33090	Limit_Max	33090		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	33090	33090	33090	33090	33090
206	33090	33090	33090	33090	33090
213	33090	33090	33090	33090	33090

1828 RESETREG8/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	3855	Limit_Max	3855		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3855	3855	3855	3855	3855
206	3855	3855	3855	3855	3855
213	3855	3855	3855	3855	3855

1829 RESETREG9/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1830 RESETREG10/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0



1831 RESETREG11/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	16384	Limit_Max	16384		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	16384	16384	16384	16384	16384
206	16384	16384	16384	16384	16384
213	16384	16384	16384	16384	16384

1832 RESETREG12/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	4	Limit_Max	4		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4	4	4	4	4
206	4	4	4	4	4
213	4	4	4	4	4

1833 RESETREG13/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0

1834 RESETREG14/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	3	Limit_Max	3		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3	3	3	3	3
206	3	3	3	3	3
213	3	3	3	3	3

1835 RESETREG15/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/PIN/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	29	Limit_Max	29		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	29	29	29	29	29
206	29	29	29	29	29
213	29	29	29	29	29



1840 VODH_DI0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	322.4109	323.0211	323.6311	323.3261	323.6311
206	302.5815	301.3613	301.6664	302.5815	302.8865
213	317.2246	318.7498	318.7498	320.8853	322.4103

1841 VODH_DI1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	317.8353	318.4456	319.0557	318.4455	319.3608
206	298.6114	297.696	298.3063	297.0859	297.3908
213	312.647	314.1726	315.0879	315.3929	316.9183

1842 VODH_DI2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	317.2943	316.684	316.3791	317.2943	316.9893
206	297.1594	296.8543	297.7694	298.3797	297.4644
213	310.278	310.5831	312.4136	314.5493	315.7698

1843 VODH_DI3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	316.6721	316.0619	317.2823	317.5874	316.367
206	296.2323	298.0629	296.5374	297.4526	298.3679
213	313.3168	314.8423	314.8423	316.6728	317.5881

1844 VODH_DI4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	314.2925	314.5977	315.5128	315.818	315.8178
206	295.3762	296.2914	295.6812	295.6813	296.5964
213	311.2404	311.2404	312.1557	314.291	316.1213



1845 VODH_DI5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	313.2821	313.5872	314.1974	312.977	312.9771
206	293.7585	294.0636	294.3686	294.3687	294.6737
213	314.1985	315.4191	314.8089	317.2496	319.3852

1846 VODH_DI6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	315.5409	315.8459	316.1509	315.2358	316.761
206	296.0187	296.3238	296.0188	295.7137	296.0187
213	311.2707	313.4059	313.7111	314.6262	317.0666

1847 VODH_DI7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	316.5564	317.4716	317.7767	316.5564	317.7767
206	298.2519	297.6418	298.2519	297.3367	297.3368
213	316.5562	318.9967	319.3018	319.6069	322.3525

1848 VODH_DI8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	315.0461	314.436	315.6563	315.6563	315.9614
206	294.2988	294.6038	294.9088	294.2988	293.6886
213	316.57	315.9597	317.18	319.0104	321.1459

1849 VODH_DI9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	316.7465	316.4415	316.1364	316.4415	317.6617
206	296.3072	295.6971	296.3072	296.0021	297.5274
213	316.7462	316.7462	318.2715	320.4069	323.1524



1850 VODH_DI10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	313.7299	313.1198	314.3401	313.4248	314.9502
206	295.1205	295.1205	294.2053	296.0357	294.2053
213	316.7806	317.6957	316.7806	319.2211	321.3566

1851 VODH_DI11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	314.4882	316.6234	315.7083	316.9288	314.1832
206	297.1031	298.0185	296.4933	295.5782	297.7133
213	317.542	317.5423	318.7627	319.9829	322.1183

1852 VODH_DQ0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	328.9514	330.4763	329.5613	331.0862	331.696
206	293.2715	291.4418	291.7467	290.527	291.1369
213	326.2068	328.0366	327.4267	330.7812	333.8307

1853 VODH_DQ1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	322.101	320.5761	321.491	320.2711	322.711
206	288.2539	289.4735	290.9982	289.1685	288.2538
213	317.8346	316.6147	319.3594	320.5792	324.2387

1854 VODH_DQ2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.7975	321.8469	321.542	322.1518	320.932
206	290.7426	291.0476	290.1327	289.8277	294.097
213	318.493	320.6276	319.4078	321.8474	322.1524



1855 VODH_DQ3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	323.5139	321.9891	322.2941	324.7336	323.209
206	290.5816	291.4964	292.1061	292.1063	291.1914
213	322.6014	323.8212	324.1261	327.4807	329.0054

1856 VODH_DQ4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	319.8798	321.4044	320.7946	321.4044	320.7946
206	291.8267	290.9119	291.5218	290.607	292.4366
213	317.4402	318.6599	320.1845	321.4042	323.2337

1857 VODH_DQ5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.4768	320.7817	321.6966	322.3066	322.6116
206	290.2827	290.8928	289.9777	289.9777	289.3677
213	317.7303	320.475	320.17	322.9148	324.7446

1858 VODH_DQ6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	319.2797	319.2797	319.8897	320.8047	320.4997
206	290	289.39	289.695	289.085	290.9149
213	319.5844	319.5844	320.8044	322.3294	323.8543

1859 VODH_DQ7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	324.21	323.2953	323.6001	324.515	323.905
206	295.5421	295.542	295.2371	294.3222	295.237
213	323.2925	323.9024	325.4271	326.0369	328.7815



1860 VODH_DQ8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.4184	318.7233	318.7233	319.6383	319.3333
206	291.8849	290.665	291.58	291.275	291.885
213	318.7236	320.2485	321.1635	322.3835	323.9084

1861 VODH_DQ9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	319.1097	320.3294	320.0245	320.9394	320.6343
206	294.4086	295.0186	294.7135	293.7987	293.7987
213	320.9372	323.0717	322.7667	326.121	327.9503

1862 VODH_DQ10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.584	320.889	321.194	321.8039	320.8889
206	290.0844	290.9992	290.6942	289.7794	290.6944
213	319.9706	319.9704	321.8002	323.6299	325.7646

1863 VODH_DQ11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	316.8662	318.3911	318.0862	317.7812	318.0862
206	291.8594	291.5544	290.9445	290.6395	290.9445
213	318.6971	320.5269	320.527	322.9668	323.2719

1864 VODH_DID0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	325.8517	324.6313	326.1568	325.5466	325.8517
206	288.0225	288.0226	289.2428	288.9378	288.9378
213	320.9717	321.2768	320.6667	324.3276	326.1581



1865 VODH_DID1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.301	326.9111	326.9111	326.606	328.1314
206	290.6075	290.9125	290.3023	290.6075	291.5226
213	318.6741	321.4197	321.4197	321.7248	323.5552

1866 VODH_DID2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.6789	327.2889	327.899	326.9839	327.899
206	293.43	293.1249	291.9047	292.8199	292.8199
213	321.1878	322.713	324.2382	324.8482	326.3734

1867 VODH_DID3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	319.0659	319.0659	319.6761	320.2863	320.2863
206	288.5572	288.5572	288.5572	287.9471	288.2521
213	317.2355	316.9304	318.1507	320.8965	322.727

1868 VODH_DID4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.8805	321.7957	322.4058	322.4058	322.7109
206	291.5937	291.8987	292.2038	292.2038	292.2039
213	321.1862	322.1014	321.7964	324.8471	326.6775

1869 VODH_DID5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.4157	318.8905	318.8905	320.7208	320.4157
206	290.8262	289.3009	291.1313	288.3858	288.9958
213	318.8904	318.8904	320.1106	322.2459	323.4661



1870 VODH_DID6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	322.0546	321.7496	322.0546	322.3597	322.3597
206	293.0763	292.1613	292.1613	292.1613	293.3813
213	318.3932	319.6132	320.2233	321.7485	324.7986

1871 VODH_DID7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.2054	321.7308	321.4258	322.9511	321.4258
206	292.4435	291.5282	290.6129	289.6977	292.1383
213	316.8498	318.3752	319.2904	321.426	321.426

1872 VODH_DID8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	319.1463	320.9766	321.5867	321.8918	322.1968
206	293.8265	294.1316	293.2164	293.2163	293.5215
213	316.0953	316.4004	317.9257	318.5357	321.8913

1873 VODH_DID9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.3562	317.7461	319.2715	319.5766	320.4918
206	293.3394	293.6446	293.0343	292.4242	292.7292
213	312.8646	313.4747	314.6951	317.4407	317.7458

1874 VODH_DID10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	323.4995	323.4995	323.8046	324.1097	325.0249
206	298.1776	298.7878	298.7878	299.0929	299.0929
213	316.7878	318.9233	319.5337	320.1438	322.8897



1875 VODH_DID11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	315.8162	317.3416	317.3416	317.9517	317.0365
206	296.2923	296.9024	296.2922	296.5974	296.2923
213	315.2059	314.2908	314.2908	317.0363	320.697

1876 VODH_DQD0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	332.2106	333.1254	332.8205	332.5155	332.8205
206	287.9953	286.7755	286.4706	286.1656	287.6903
213	322.7573	324.5869	326.1115	326.7214	328.8559

1877 VODH_DQD1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	330.2578	329.6479	330.5627	331.1725	330.2578
206	285.4353	284.8254	284.2156	284.8254	285.4353
213	319.5863	320.5011	321.1109	323.2454	325.3798

1878 VODH_DQD2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	329.5069	331.6411	333.4705	332.5558	331.9461
206	285.2981	284.3837	284.3835	284.3837	285.9079
213	320.0536	322.188	322.4928	324.3221	325.8463

1879 VODH_DQD3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	328.6267	328.3217	328.6267	328.9316	329.8464
206	282.5823	281.6677	282.2775	281.0577	281.9725
213	316.1253	316.4301	317.9548	319.1746	320.6993



1880 VODH_DQD4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	327.9113	329.131	329.4359	328.8261	329.131
206	286.1356	286.4406	286.1357	286.1357	286.7454
213	320.2868	323.3361	323.946	325.1657	327.3001

1881 VODH_DQD5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.5138	328.0384	327.7335	327.1237	327.4285
206	284.7404	284.1306	283.8256	283.5208	284.7404
213	318.2801	322.244	321.9391	323.1587	324.9881

1882 VODH_DQD6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.8229	325.6032	326.8229	327.4327	327.4327
206	283.2164	283.5213	283.8263	282.9114	283.8263
213	319.8088	319.8088	321.9433	323.1631	325.6027

1883 VODH_DQD7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	328.327	328.6319	328.6319	328.3269	329.5468
206	286.2449	286.2449	286.5499	286.8548	286.5499
213	323.1426	322.5328	324.6674	325.8871	328.0217

1884 VODH_DQD8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	328.6534	328.6534	329.873	329.2633	330.178
206	286.8799	286.2701	285.0504	286.8801	286.27
213	323.4688	325.9081	325.603	327.1277	328.6521



1885 VODH_DQD9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	328.2769	326.4472	327.667	326.4472	326.7521
206	284.0594	285.5841	285.5841	285.8891	284.6692
213	322.7875	322.4825	323.7023	327.0568	327.0568

1886 VODH_DQD10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	325.416	326.9406	327.2455	327.2457	326.6356
206	286.9986	287.3035	286.6936	286.3887	286.3886
213	321.4498	322.6695	322.9745	325.7183	327.8525

1887 VODH_DQD11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.2272	325.9224	326.2273	327.1422	327.1421
206	285.3631	283.2282	285.0581	284.1432	284.1432
213	320.127	321.3468	320.1268	323.7863	327.1409

1888 VODL_DI0_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	321.2655	323.401	323.7061	323.7061	323.096
206	302.3523	302.0472	302.0472	303.5726	302.0474
213	317.605	318.8254	318.8254	321.2661	323.0963

1889 VODL_DI1_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	315.8867	315.5817	315.5816	315.5816	316.802
206	294.8356	295.1406	295.4458	293.6151	294.5305
213	309.4807	310.0909	311.0064	312.5321	314.9731



1890 VODL_DI2_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	313.0251	313.9404	313.3302	313.3303	314.5505
206	294.1083	295.0235	292.8879	294.1083	293.8032
213	307.8377	308.4479	309.6682	311.4987	312.1089

1891 VODL_DI3_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	316.9821	316.6769	317.5923	317.5921	316.0667
206	296.846	297.4561	296.2358	297.7612	297.4561
213	313.3205	313.0154	315.7611	314.5407	319.1169

1892 VODL_DI4_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	313.8596	314.7747	315.3849	314.4696	315.9951
206	295.2517	295.5566	294.3363	294.6414	296.1668
213	309.5898	310.1999	311.1153	312.6407	315.6917

1893 VODL_DI5_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	312.7428	313.9631	315.1835	315.4885	314.8784
206	295.657	295.6569	295.962	295.962	295.0468
213	315.4875	315.7924	316.7077	319.4532	320.3685

1894 VODL_DI6_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.0284	316.8082	318.9435	317.7233	317.7233
206	298.8104	297.5902	298.8104	298.5053	298.8104
213	314.0625	315.2826	315.2826	317.4178	318.943



1895 VODL_DI7_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	315.8562	314.941	316.1613	316.1613	316.4663
206	295.7217	296.6369	296.3318	295.7217	295.7217
213	315.8564	315.8564	316.7716	317.9919	320.1274

1896 VODL_DI8_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	313.7373	314.0423	313.7373	313.7373	314.3474
206	292.9928	293.2978	292.3826	291.7725	293.2979
213	313.7388	314.6541	314.6542	317.4	319.2307

1897 VODL_DI9_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	314.1154	316.5558	315.6407	318.3862	317.471
206	295.5071	296.4223	296.1172	294.5919	295.8122
213	314.7259	317.1663	316.8612	319.3017	321.1321

1898 VODL_DI10_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	311.9711	313.4965	313.1914	313.1914	313.8016
206	293.3618	294.2771	293.3618	294.8872	291.8365
213	315.632	317.1574	316.5473	317.7675	320.5132

1899 VODL_DI11_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	315.1241	313.9038	316.0392	315.7341	316.0392
206	296.8185	296.8188	295.2935	296.8186	297.7337
213	316.6456	316.9506	316.3408	317.8656	322.1358



1900 VODL_DQ0_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	327.9251	327.3152	329.145	330.6697	329.45	
206	292.2452	291.0253	290.1105	289.1956	290.1105	
213	325.1806	325.4855	328.2301	331.2797	331.5846	

1901 VODL_DQ1_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	322.5323	320.0926	321.3124	322.8372	322.2271	
206	289.9032	290.2083	289.5981	291.733	291.1229	
213	317.9554	319.7851	320.3948	321.0044	324.6636	

1902 VODL_DQ2_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	318.2356	320.0653	321.895	320.9801	320.6752	
206	289.8754	290.1803	289.5705	289.2655	291.4002	
213	318.845	317.9302	319.7599	321.8945	322.1993	

1903 VODL_DQ3_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	323.5629	323.563	323.563	323.868	325.6975	
206	292.4584	292.1535	293.0684	291.8485	292.4585	
213	322.9507	324.4754	324.7803	328.4394	329.6589	

1904 VODL_DQ4_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	319.8506	320.7653	321.6801	320.7653	321.0703	
206	291.7977	289.9681	291.1878	291.7977	289.9681	
213	317.1064	319.5459	319.2409	320.7656	322.2903	



1905 VODL_DQ5_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.2931	320.5979	320.598	321.5128	321.818
206	290.1003	289.4904	289.4904	289.4904	289.1854
213	318.4646	321.2096	321.5146	322.1247	324.8697

1906 VODL_DQ6_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	323.3479	323.6529	324.8729	324.2628	324.5678
206	294.0683	293.1534	293.4583	292.2384	293.7633
213	323.6532	323.6532	324.2632	326.7032	327.9232

1907 VODL_DQ7_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	325.9727	324.4481	325.3627	326.5826	325.6677
206	295.7829	297.0027	297.6125	295.4778	296.0877
213	323.5357	324.1456	325.9754	328.1104	329.0255

1908 VODL_DQ8_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.9966	319.9115	320.8265	320.8265	320.5215
206	292.4628	292.4629	292.1579	290.633	292.4628
213	320.5212	320.8262	321.4362	324.486	325.4009

1909 VODL_DQ9_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.3394	321.864	322.4739	321.2542	322.474
206	295.9458	295.6409	294.7261	295.6409	295.336
213	321.5612	324.6107	324.0008	326.7453	328.5751



1910 VODL_DQ10_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	317.7353	316.5153	317.7353	317.4302	318.0403
206	287.5442	286.6293	286.3242	287.2391	287.5444
213	316.2138	317.1289	319.2637	321.094	324.1438

1911 VODL_DQ11_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.0811	319.911	318.3861	318.996	319.606
206	293.0729	292.158	291.5481	293.0729	291.5481
213	320.5198	321.4347	321.1296	323.2644	324.7892

1912 VODL_DID0_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	324.2486	325.4687	325.7738	326.079	325.7738
206	288.5562	287.6411	288.2512	287.9462	288.5562
213	319.3665	319.9766	321.807	323.3322	324.8574

1913 VODL_DID1_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	325.3355	324.4203	325.3355	325.9457	325.9457
206	289.947	289.947	289.0318	289.3369	288.4216
213	317.4037	317.4037	319.8442	321.3696	322.895

1914 VODL_DID2_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	324.2776	324.2776	326.1078	325.1927	326.1078
206	291.0277	290.7227	289.1975	290.1125	288.8925
213	318.7872	319.7023	320.9225	322.1427	323.668



1915 VODL_DID3_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.0925	321.3128	320.0925	321.0078	320.7027
206	289.2786	288.6685	288.9736	289.5837	289.5837
213	317.6517	318.8721	317.9569	321.0077	323.1433

1916 VODL_DID4_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	321.5952	323.7307	322.8155	323.1206	322.8155
206	293.529	292.0037	293.529	293.8341	293.529
213	320.9844	323.73	323.73	326.1706	327.6959

1917 VODL_DID5_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	321.0974	319.5722	318.9621	319.8773	320.4874
206	288.1524	289.0676	288.7625	288.4575	288.7625
213	317.4369	319.2672	319.8773	320.7924	322.6227

1918 VODL_DID6_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	318.8311	319.7462	318.8311	319.7462	320.0514
206	290.1571	290.1571	289.8523	290.4622	290.1572
213	316.6968	317.3071	318.2221	319.7476	321.5779

1919 VODL_DID7_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.762	320.1519	321.9824	321.6773	321.6773
206	291.7797	291.7797	290.8644	289.6442	291.4746
213	316.4908	317.7111	318.9314	321.067	321.9821



1920 VODL_DID8_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	323.6064	323.9115	325.1317	325.4368	325.4368
206	298.287	297.3717	297.3717	296.4566	297.9819
213	318.4209	319.0309	320.5563	321.7765	324.8272

1921 VODL_DID9_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	319.8742	321.3996	320.7893	321.3995	321.7046
206	294.5525	293.9423	294.2474	293.3322	293.9423
213	314.0777	315.2981	316.5184	318.0438	319.8744

1922 VODL_DID10_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	320.8369	321.7521	322.9724	322.3622	322.6674
206	297.6505	297.6503	298.5656	297.9555	297.3453
213	315.9554	316.2603	318.7011	320.2264	321.7518

1923 VODL_DID11_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	316.268	317.7932	318.4034	317.4881	318.7084
206	297.9645	297.6595	296.7443	297.0493	297.9645
213	314.4378	315.658	315.3529	316.5732	320.5391

1924 VODL_DQD0_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	330.4157	331.9404	331.0255	331.0255	332.2454
206	286.8094	285.8946	285.2847	284.6748	285.2847
213	322.1828	322.7927	323.7075	324.9273	326.757



1925 VODL_DQD1_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	330.4858	329.5711	330.1809	331.0956	331.7054
206	285.3594	285.9693	286.2741	285.3594	286.8839
213	320.1184	321.338	321.9478	324.0822	325.6067

1926 VODL_DQD2_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	329.9926	331.8221	331.8221	331.8221	331.8221
206	284.8656	284.2558	284.2557	284.5605	283.9508
213	319.3226	321.152	321.457	322.6767	324.8111

1927 VODL_DQD3_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	327.8789	329.4035	328.7936	329.4035	329.7085
206	283.0553	281.8355	282.7504	281.5307	282.7503
213	317.206	315.9863	317.8158	319.3404	320.865

1928 VODL_DQD4_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	328.32	329.5398	330.4548	329.54	329.235
206	287.457	287.152	285.6273	286.847	286.2372
213	321.9174	322.8322	323.7471	325.2719	328.0165

1929 VODL_DQD5_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.9272	326.9271	327.842	327.2322	327.2321
206	285.4577	283.9332	284.2381	284.543	284.238
213	318.3904	320.2199	320.8299	323.2692	324.7938



1930 VODL_DQD6_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	325.4575	324.8476	325.4574	325.7624	326.3723
206	282.1543	282.7641	282.7643	282.4593	283.3742
213	318.749	319.3589	319.9688	323.0184	323.3234

1931 VODL_DQD7_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	326.6935	326.3887	326.9985	327.6084	327.3035
206	284.611	284.611	284.9159	284.0011	285.2209
213	321.8147	320.5949	321.5098	325.1692	325.1692

1932 VODL_DQD8_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	327.534	329.6685	328.7537	328.7538	329.6685
206	286.9792	287.8941	286.3693	285.4545	286.0644
213	324.181	325.4007	325.7057	326.3155	329.06

1933 VODL_DQD9_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	324.925	325.2299	323.7051	324.9249	324.925
206	281.012	281.6219	283.1467	282.5367	282.2319
213	319.1311	320.351	320.6559	323.7054	324.9252

1934 VODL_DQD10_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	325.8709	326.4807	327.0907	326.4807	326.7857
206	286.5366	286.5365	285.9268	286.8415	286.2318
213	321.6044	324.0438	324.6537	324.654	328.0081



1935 VODL_DQD11_N/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	190	Limit_Max	420	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	324.254	324.2539	324.8638	325.1689	325.1689
206	282.7787	281.2539	283.3887	282.7787	282.7788
213	317.8507	319.0706	316.021	321.2054	323.6452

1936 DVOD_DIO_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.145422	-0.37986	-0.07504	-0.38004	0.535131
206	0.229299	-0.68599	-0.38087	-0.99105	0.839174
213	-0.3804	-0.07552	-0.07558	-0.38081	-0.68599

1937 DVOD_DI1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.948595	2.863884	3.474057	2.863884	2.558827
206	3.775835	2.55537	2.860487	3.470778	2.860367
213	3.166258	4.081726	4.081488	2.860785	1.945198

1938 DVOD_DI2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4.269183	2.743602	3.048897	3.964007	2.438724
206	3.051102	1.830816	4.881561	4.271448	3.661215
213	2.440274	2.135217	2.74539	3.050625	3.660977

1939 DVOD_DI3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.30994	-0.615	-0.30994	-0.00477	0.300229
206	-0.61369	0.606716	0.3016	-0.30857	0.911772
213	-0.00364	1.826942	-0.91887	2.132118	-1.52886



1940 DVOD_DI4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.432968	-0.17703	0.127852	1.348376	-0.17726	
206	0.124514	0.734746	1.344919	1.039863	0.42963	
213	1.650631	1.040459	1.040339	1.650274	0.42963	

1941 DVOD_DI5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.539303	-0.37593	-0.98604	-2.51144	-1.90121	
206	-1.89853	-1.59329	-1.59335	-1.59329	-0.37313	
213	-1.28895	-0.3733	-1.89877	-2.20364	-0.98324	

1942 DVOD_DI6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	-2.48754	-0.96232	-2.7926	-2.48748	-0.96232	
206	-2.79164	-1.26642	-2.79158	-2.79164	-2.79164	
213	-2.79176	-1.87665	-1.57154	-2.7917	-1.87647	

1943 DVOD_DI7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.700176	2.530515	1.615405	0.395119	1.310349	
206	2.530217	1.004875	1.920104	1.614988	1.615047	
213	0.699818	3.14033	2.530217	1.614988	2.225101	

1944 DVOD_DI8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	1.308739	0.393689	1.918972	1.918972	1.613975	
206	1.305997	1.305997	2.526224	2.526283	0.390649	
213	2.831161	1.30564	2.525866	1.610398	1.915157	



1945 DVOD_DI9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.631128	-0.11432	0.495672	-1.94466	0.190675
206	0.800073	-0.72515	0.18996	1.410186	1.715243
213	2.020359	-0.42009	1.410246	1.10513	2.02024

1946 DVOD_DI10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.758754	-0.37676	1.148641	0.233412	1.148582
206	1.758695	0.843465	0.843465	1.148522	2.368748
213	1.148522	0.53829	0.233293	1.453519	0.843346

1947 DVOD_DI11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.63586	2.719641	-0.33087	1.194716	-1.85597
206	0.284553	1.199722	1.199782	-1.24043	-0.02044
213	0.896454	0.591695	2.421916	2.117276	-0.01746

1948 DVOD_DQ0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.026273	3.161073	0.416398	0.416458	2.246082
206	1.026332	0.416458	1.636267	1.331389	1.026392
213	1.026213	2.551019	-0.80341	-0.49853	2.246082

1949 DVOD_DQ1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.43142	0.483513	0.178635	-2.5661	0.483871
206	-1.64926	-0.73481	1.400113	-2.56449	-2.86907
213	-0.12088	-3.17031	-1.03539	-0.42522	-0.42486



1950 DVOD_DQ2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.561833	1.781583	-0.35304	1.171708	0.256836	
206	0.867188	0.867248	0.562251	0.562191	2.696812	
213	-0.35197	2.697408	-0.35203	-0.04709	-0.04691	

1951 DVOD_DQ3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	-0.049	-1.57386	-1.26892	0.865638	-2.48855	
206	-1.87683	-0.65714	-0.9622	0.25779	-1.26714	
213	-0.34928	-0.65422	-0.65422	-0.95874	-0.65351	

1952 DVOD_DQ4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.029266	0.639141	-0.88549	0.639141	-0.27567	
206	0.029027	0.94378	0.333965	-1.19072	2.468467	
213	0.333786	-0.88602	0.943601	0.638604	0.943482	

1953 DVOD_DQ5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.183702	0.183821	1.098692	0.793815	0.793576	
206	0.18239	1.402438	0.487328	0.487328	0.182331	
213	-0.73439	-0.73457	-1.34456	0.79006	-0.12511	

1954 DVOD_DQ6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	-4.06814	-4.37319	-4.98313	-3.45814	-4.06814	
206	-4.06837	-3.76344	-3.76338	-3.15344	-2.84839	
213	-4.06873	-4.06879	-3.45874	-4.37379	-4.06885	



1955 DVOD_DQ7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.76269	-1.15269	-1.76263	-2.06763	-1.76275
206	-0.2408	-1.46073	-2.37548	-1.15561	-0.85074
213	-0.24313	-0.24313	-0.54824	-2.07353	-0.24396

1956 DVOD_DQ8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.57817	-1.18816	-2.10315	-1.18816	-1.18816
206	-0.57787	-1.79785	-0.57793	0.642002	-0.57781
213	-1.79762	-0.57763	-0.27269	-2.10249	-1.4925

1957 DVOD_DQ9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.2297	-1.53458	-2.44945	-0.31483	-1.8397
206	-1.53726	-0.62233	-0.01264	-1.84214	-1.53726
213	-0.62394	-1.53893	-1.23411	-0.62436	-0.62472

1958 DVOD_DQ10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.848685	4.37367	3.458738	4.373729	2.848625
206	2.540171	4.369974	4.369974	2.54029	3.149986
213	3.756762	2.841532	2.536535	2.53582	1.62077

1959 DVOD_DQ11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.21486	-1.51992	-0.29999	-1.21486	-1.5198
206	-1.21355	-0.60356	-0.60362	-2.43348	-0.60356
213	-1.82271	-0.90778	-0.6026	-0.29761	-1.51736



1960 DVOD_DID0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.603186	-0.83739	0.38296	-0.53239	0.077963
206	-0.5337	0.38147	0.991642	0.991642	0.381589
213	1.605153	1.300216	-1.1403	0.995338	1.300693

1961 DVOD_DID1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.965476	2.490759	1.575589	0.66036	2.185702
206	0.660479	0.965536	1.270533	1.270592	3.100991
213	1.270413	4.016042	1.57553	0.355244	0.660241

1962 DVOD_DID2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.401233	3.011286	1.791239	1.791179	1.791239
206	2.402246	2.402186	2.707183	2.707303	3.92741
213	2.400577	3.01069	3.315628	2.705514	2.705336

1963 DVOD_DID3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.02657	-2.24692	-0.4164	-0.72151	-0.41634
206	-0.7214	-0.11122	-0.41634	-1.63662	-1.33163
213	-0.41628	-1.94168	0.193834	-0.11122	-0.41628

1964 DVOD_DID4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.71472	-1.93506	-0.40966	-0.71484	-0.10455
206	-1.93536	-0.10496	-1.32525	-1.63031	-1.32513
213	0.201762	-1.62858	-1.93369	-1.32346	-1.01835



1965 DVOD_DID5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/
Limit_Min -20 Limit_Max 20 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 -0.6817 -0.6817 -0.07159 0.843525 -0.07164
206 2.673805 0.233352 2.368748 -0.07164 0.233352
213 1.453519 -0.37676 0.233352 1.453519 0.843406

1966 DVOD_DID6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/
Limit_Min -20 Limit_Max 20 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 3.223479 2.003431 3.223479 2.613485 2.308249
206 2.919257 2.004206 2.309024 1.69909 3.224134
213 1.696467 2.306104 2.001166 2.000868 3.220737

1967 DVOD_DID7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/
Limit_Min -20 Limit_Max 20 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 -0.55659 1.578867 -0.55659 1.27387 -0.25153
206 0.663757 -0.25147 -0.25147 0.053525 0.663698
213 0.358999 0.664055 0.358999 0.358999 -0.55611

1968 DVOD_DID8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/
Limit_Min -20 Limit_Max 20 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 -4.4601 -2.93487 -3.54499 -3.54499 -3.23993
206 -4.46045 -3.24017 -4.15534 -3.24029 -4.46039
213 -2.32553 -2.63053 -2.63059 -3.24082 -2.93589

1969 DVOD_DID9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/
Limit_Min -20 Limit_Max 20 mV
Device ID 0.0 krad 50.0 krad 100.0 krad 200.0 krad 300.0 krad
51 -1.51795 -3.65347 -1.51789 -1.82295 -1.21284
206 -1.21301 -0.29773 -1.21307 -0.90796 -1.21307
213 -1.21313 -1.82337 -1.82325 -0.60308 -2.12848



1970 DVOD_DID10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.662659	1.747429	0.8322	1.747429	2.357543
206	0.527143	1.137495	0.222206	1.137376	1.747608
213	0.832438	2.663016	0.832558	-0.08255	1.137912

1971 DVOD_DID11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.45174	-0.45168	-1.0618	0.463545	-1.67191
206	-1.67221	-0.75704	-0.45204	-0.45198	-1.67221
213	0.768125	-1.36715	-1.0621	0.463068	0.157893

1972 DVOD_DQD0_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.794934	1.185	1.794934	1.489997	0.575125
206	1.185834	0.880897	1.185894	1.490831	2.405643
213	0.574529	1.794219	2.404034	1.7941	2.098918

1973 DVOD_DQD1_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.22805	0.07683	0.381827	0.07695	-1.44756
206	0.075877	-1.14381	-2.05857	-0.534	-1.44869
213	-0.53203	-0.83697	-0.83691	-0.83685	-0.22686

1974 DVOD_DQD2_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.48572	-0.1809	1.648307	0.733674	0.123918
206	0.432491	0.127852	0.127792	-0.17691	1.957119
213	0.731051	1.035929	1.03581	1.645386	1.035213



1975 DVOD_DQD3_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.747859	-1.08176	-0.16689	-0.47189	0.137985
206	-0.47296	-0.16785	-0.47296	-0.47296	-0.77778
213	-1.08075	0.443816	0.138998	-0.16582	-0.1657

1976 DVOD_DQD4_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.40877	-0.40877	-1.01888	-0.71394	-0.10401
206	-1.32138	-0.71144	0.508428	-0.71126	0.508189
213	-1.6306	0.503957	0.198901	-0.1061	-0.71639

1977 DVOD_DQD5_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.41348	1.111269	-0.10854	-0.10854	0.196457
206	-0.71728	0.197351	-0.41246	-1.02228	0.502348
213	-0.11033	2.024055	1.109183	-0.11051	0.194311

1978 DVOD_DQD6_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.365483	0.755608	1.365542	1.670361	1.060426
206	1.062095	0.757158	1.062036	0.452161	0.452101
213	1.059771	0.449896	1.974523	0.14472	2.279282

1979 DVOD_DQD7_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.633465	2.24328	1.633465	0.718534	2.24328
206	1.633942	1.633883	1.634002	2.853692	1.329005
213	1.327932	1.937866	3.157616	0.717998	2.852559



1980 DVOD_DQD8_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.119375	-1.01507	1.119316	0.509501	0.50956
206	-0.0993	-1.62399	-1.31887	1.425564	0.205636
213	-0.71228	0.507355	-0.10264	0.812232	-0.40787

1981 DVOD_DQD9_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.351986	1.217306	3.961861	1.522303	1.827121
206	3.047407	3.962219	2.437413	3.352344	2.437353
213	3.656387	2.131581	3.046393	3.351331	2.131522

1982 DVOD_DQD10_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.45496	0.459969	0.154853	0.764906	-0.15014
206	0.461936	0.766993	0.766814	-0.45282	0.156879
213	-0.15461	-1.37424	-1.67924	1.064301	-0.15563

1983 DVOD_DQD11_P/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.973271	1.668453	1.363516	1.973391	1.973271
206	2.584398	1.974344	1.669466	1.36447	1.36435
213	2.276242	2.276242	4.105866	2.580941	3.495693

1990 VODH_DIO_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.4685	235.4686	236.6887	236.0786	236.6888
206	220.5201	219.91	219.3	219.605	219.2999
213	239.1289	238.8237	239.7389	242.1793	242.7892



1991 VODH_DI1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.9284	233.0131	233.6234	234.2334	233.9284
206	215.9252	216.8406	216.8404	215.3149	216.8406
213	235.4527	236.6731	236.0627	236.9779	239.4189

1992 VODH_DI2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	231.2587	231.8689	232.4791	232.4791	231.2587
206	217.5305	216.6153	216.0051	216.6153	217.5305
213	233.7002	233.7001	233.0902	235.8362	238.2767

1993 VODH_DI3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	230.6393	230.0292	230.0292	232.1647	233.0801
206	215.3858	216.6062	214.4706	214.1655	215.0808
213	234.3009	233.6906	235.8264	237.3517	239.1823

1994 VODH_DI4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	230.3961	230.0912	231.9216	231.3114	230.3963
206	213.6154	214.2256	214.5306	214.5307	215.4458
213	233.7506	233.7506	234.6657	235.2757	238.6315

1995 VODH_DI5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	227.5549	228.7751	228.165	226.9447	228.165
206	213.2174	214.1326	212.9123	212.9123	212.3022
213	235.4881	237.3187	237.9289	238.8442	239.4545



1996 VODH_DI6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	230.1296	230.1296	230.1296	229.8245	231.0447	
206	213.9629	214.878	214.5729	213.3527	213.0477	
213	233.1803	235.6207	235.3157	237.146	237.7561	

1997 VODH_DI7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	232.0517	231.7466	232.3567	232.9668	232.3567	
206	215.2726	215.2726	216.1878	214.9675	216.7979	
213	238.763	239.6783	239.6783	240.8985	242.7289	

1998 VODH_DI8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	231.147	229.9268	231.1471	231.1469	231.1472	
206	212.8406	213.1456	212.2303	212.8406	213.7557	
213	237.8573	237.8572	238.4674	239.3826	242.7384	

1999 VODH_DI9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	231.0249	230.1098	231.0249	230.4148	229.8047	
206	213.9413	214.8564	214.2463	213.6363	214.5514	
213	240.4814	238.346	240.7864	241.3965	241.7016	

2000 VODH_DI10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	228.3099	229.5303	229.2252	228.0049	228.9201	
206	214.8868	213.9716	213.6664	213.0563	212.7513	
213	238.0722	239.5976	239.5976	241.733	242.9533	



2001 VODH_DI11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	230.2962	229.9914	229.9914	231.8217	231.2117
206	213.8264	214.4365	213.2162	213.5214	215.9618
213	238.8409	238.2309	240.9765	239.7562	242.197

2002 VODH_DQ0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	240.819	241.4289	241.1239	242.0388	241.4289
206	212.458	210.0184	210.3233	211.5431	210.9332
213	245.6983	247.8329	249.0528	250.8825	251.1874

2003 VODH_DQ1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.4999	234.8899	235.195	235.8047	235.1946
206	209.2762	208.6664	209.2762	209.886	208.3615
213	239.4668	240.0767	241.2965	242.8214	243.4315

2004 VODH_DQ2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	236.1571	234.9373	232.8026	234.6323	234.0224
206	211.7616	208.7121	209.9319	211.4566	209.322
213	238.902	241.0367	240.4268	244.3912	243.7813

2005 VODH_DQ3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.9973	236.3021	236.9121	236.9122	237.2172
206	209.7737	209.7735	210.3834	210.6884	210.6884
213	243.3182	243.928	244.5381	246.3678	247.5876



2006 VODH_DQ4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	236.0257	234.5011	234.1962	234.806	236.3306
206	208.2775	211.9366	207.6676	209.4972	209.4972
213	240.5994	239.0747	240.5993	243.6486	244.2584

2007 VODH_DQ5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.0812	235.6912	236.3011	236.6062	235.6913
206	210.0719	208.5471	209.157	209.157	208.2421
213	240.8742	240.5692	242.704	243.924	245.4487

2008 VODH_DQ6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.5757	233.2707	233.8806	234.1856	234.1856
206	208.2609	208.8708	209.7859	207.6509	208.8709
213	241.5053	241.8103	242.1153	243.9452	245.4702

2009 VODH_DQ7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	236.075	236.685	237.295	237.295	236.99
206	212.8966	212.8965	213.5066	212.2866	213.8115
213	243.3918	243.6965	245.2214	246.136	248.5757

2010 VODH_DQ8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.1082	232.7182	232.7182	233.0231	234.548
206	209.8445	210.1495	210.7595	210.4545	210.1495
213	240.9529	241.5628	242.1728	244.3078	245.5277



2011 VODH_DQ9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.6424	234.3376	234.0325	234.0326	234.3375
206	212.9909	212.9909	211.4662	213.6007	212.381
213	242.5687	242.8736	244.7032	245.9229	247.1424

2012 VODH_DQ10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.2749	235.1897	235.7997	236.1048	235.7997
206	210.7897	209.875	210.485	210.7899	209.5699
213	242.2009	241.5907	243.4205	244.9452	246.4698

2013 VODH_DQ11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.0847	233.3046	231.4748	232.9996	232.3897
206	210.1275	210.1275	209.8225	208.9076	210.1275
213	240.015	240.6249	241.5398	243.9797	245.5046

2014 VODH_DID0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	238.2973	237.9923	238.6025	238.6025	238.9075
206	207.79	208.0951	207.4848	207.4848	208.0952
213	241.3492	241.6543	241.9593	243.1797	246.2307

2015 VODH_DID1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.355	240.5754	239.05	240.8805	240.5754
206	209.7629	209.7629	210.3731	209.7629	209.4579
213	239.9651	241.7956	241.7956	243.0159	243.3209



2016 VODH_DID2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.7422	240.3523	240.3523	240.9624	242.1826
206	211.0688	212.289	211.6789	210.7638	210.4587
213	242.1822	243.7074	243.4023	244.6223	244.9274

2017 VODH_DID3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.7262	233.0313	234.2516	233.9465	232.7262
206	208.6242	207.4039	207.0988	208.0141	206.7937
213	238.2178	237.9127	240.0484	240.9636	243.0992

2018 VODH_DID4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.851	234.5459	234.8511	235.4612	235.7662
206	211.3606	210.4455	210.7505	210.7505	210.4455
213	241.8683	240.343	242.4785	244.614	245.8343

2019 VODH_DID5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.6976	234.6976	235.3077	236.2229	235.6127
206	208.1586	207.8535	208.1586	208.1586	209.6838
213	238.9682	241.1035	240.7985	241.4086	244.7641

2020 VODH_DID6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.8133	235.7286	234.8133	235.7286	236.6434
206	211.9359	211.6308	210.7157	211.0207	210.7157
213	239.6929	240.9129	241.523	243.048	243.6579



2021 VODH_DID7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.7839	235.0889	235.394	236.0042	236.0041
206	209.4625	209.7675	210.3776	208.8523	210.0726
213	237.5298	239.9704	239.9704	242.1059	242.106

2022 VODH_DID8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.4254	234.0356	235.8659	234.3406	236.476
206	211.4613	210.8511	212.6815	211.4612	212.3765
213	236.1705	237.6958	238.611	239.2211	241.0513

2023 VODH_DID9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.2385	232.3232	234.4587	233.8486	234.1537
206	212.1878	211.5776	211.5775	211.5775	212.1877
213	235.0687	235.3738	236.8993	236.8993	240.8653

2024 VODH_DID10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.3306	237.466	236.8559	236.8559	238.0763
206	217.6358	217.6358	216.7205	216.7205	216.4154
213	238.9917	239.907	239.9071	242.3478	242.958

2025 VODH_DID11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	231.6197	231.9247	232.8399	233.1449	231.9247
206	214.5361	214.5361	214.8411	215.1462	215.7563
213	237.1104	237.1104	235.8902	237.7206	241.9913



2026 VODH_DQD0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	244.3889	244.6939	244.3889	243.7791	244.6938
206	205.3574	205.6624	205.6624	205.0526	205.6624
213	243.4738	244.6935	244.6935	245.9131	249.5724

2027 VODH_DQD1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	240.9187	241.5286	243.3581	243.3581	242.7483
206	205.5486	204.6338	204.9386	205.2437	204.3289
213	240.9192	241.834	242.4439	243.6636	244.5783

2028 VODH_DQD2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	243.5246	244.7445	244.1346	244.4394	244.1344
206	204.8039	204.499	204.4989	203.8893	205.4135
213	241.0841	241.9988	242.6084	243.8279	245.9621

2029 VODH_DQD3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.8934	241.418	240.5033	241.4181	241.4181
206	202.0822	202.692	202.6919	202.0821	202.0822
213	237.4545	238.0644	239.2841	239.894	242.0285

2030 VODH_DQD4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	242.2228	242.2229	241.003	241.613	241.9179
206	205.936	206.2409	205.0211	205.3261	205.631
213	241.0021	242.8316	243.1365	245.2711	247.4055



2031 VODH_DQD5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	242.0511	240.2216	239.3069	240.2216	240.5264
206	203.9367	203.3269	202.7169	204.2416	202.7169
213	240.5257	240.5255	241.4404	243.2699	244.4894

2032 VODH_DQD6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.3031	238.9982	240.523	240.523	240.8279
206	203.3201	203.6251	203.0153	203.9301	204.5399
213	241.1324	241.4374	242.6571	244.1818	245.0966

2033 VODH_DQD7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	241.1128	240.5029	242.0276	242.0276	241.7226
206	205.7394	205.4345	205.7395	205.1296	206.3493
213	242.9422	244.162	245.9916	246.2965	247.2113

2034 VODH_DQD8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	241.751	242.9708	241.751	242.3608	242.0558
206	206.9907	205.4659	206.3808	205.771	206.0757
213	242.3598	245.104	245.104	246.9333	249.3727

2035 VODH_DQD9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	240.4513	239.5365	242.891	243.1959	241.6711
206	204.7724	204.1625	205.0774	204.7724	204.7724
213	243.8055	243.8055	244.1104	245.3302	247.7698



2036 VODH_DQD10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.4311	239.4311	240.0409	240.6508	240.6508
206	206.8066	205.282	205.8918	205.8918	205.8918
213	242.1727	242.7825	243.3922	245.2217	247.9655

2037 VODH_DQD11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.0083	239.3132	240.8379	241.1429	240.2281
206	205.7679	205.158	206.0729	204.2431	204.2432
213	243.5815	242.9716	241.7517	244.8012	246.631

2038 VODL_DIO_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	237.0692	235.8491	235.544	236.4592	237.0692
206	219.3764	220.2914	220.5965	220.2914	219.9864
213	237.9848	238.9001	240.4254	241.3408	242.561

2039 VODL_DI1_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	229.2349	230.4553	231.0654	230.4553	231.6758
206	213.9806	212.455	213.3704	212.1499	213.3704
213	233.2026	231.9822	232.5925	235.6436	237.1694

2040 VODL_DI2_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	230.0398	228.5144	228.8195	228.5144	228.5144
206	213.2588	213.2587	212.6486	214.4791	215.3944
213	229.1238	230.9543	231.8696	233.3949	234.9203



2041 VODL_DI3_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	229.7285	230.3387	233.0845	232.7794	232.1693
206	216.3044	215.389	215.6942	217.5248	215.9994
213	235.5246	234.6093	234.9143	236.7448	238.2702

2042 VODL_DI4_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	229.6588	231.1843	231.1842	228.7437	230.5741
206	213.1862	212.8811	213.1863	212.8811	214.7117
213	232.406	233.6264	233.6263	235.1518	237.2875

2043 VODL_DI5_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	230.6759	228.8454	229.4555	231.5912	229.7607
206	214.5053	214.5053	213.8952	214.8105	215.1155
213	236.7764	237.9966	238.9117	240.132	241.3523

2044 VODL_DI6_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.6169	231.7018	232.3119	232.6169	233.532
206	217.6695	217.0595	216.7544	216.7544	216.7544
213	236.582	236.582	237.4971	239.0223	240.5475

2045 VODL_DI7_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	229.216	230.1312	231.3515	230.1313	231.6566
206	214.8778	213.9626	214.2677	213.3525	213.9627
213	236.5379	237.4532	237.7582	239.8937	242.0293



2046 VODL_DI8_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	229.5337	229.5337	229.5336	228.9234	228.9236
206	211.5349	210.6196	212.4501	210.6196	210.6196
213	235.637	235.332	236.8574	238.688	239.9085

2047 VODL_DI9_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	231.4444	231.1394	229.9192	230.5292	230.2243
206	213.7513	214.6665	213.4463	213.7513	214.9716
213	237.5459	238.7662	239.0713	240.5966	242.732

2048 VODL_DI10_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	228.0766	227.7715	227.4665	228.6868	228.0766
206	213.1281	213.7383	212.823	212.823	212.2129
213	237.5339	238.7542	238.449	238.449	240.2795

2049 VODL_DI11_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	230.016	229.7112	231.8463	231.236	231.5415
206	214.7614	213.8461	214.456	212.9313	213.8463
213	239.4689	238.2487	238.5537	239.4689	241.909

2050 VODL_DQ0_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	240.7075	240.7075	241.3174	241.0125	242.5373
206	210.8218	208.0772	208.3821	209.6019	210.5168
213	246.1968	246.1967	246.1968	250.1613	249.8563



2051 VODL_DQ1_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	236.2349	235.3201	235.32	236.54	237.1497
206	209.3997	211.8393	212.1443	211.8394	211.2297
213	239.5863	242.3309	241.7209	243.8553	245.3797

2052 VODL_DQ2_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.1555	235.9	234.9852	232.8505	233.1554
206	209.9794	207.2348	208.7596	207.5397	210.8942
213	241.0836	239.5589	240.7786	242.6082	242.9132

2053 VODL_DQ3_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	237.5702	237.2654	237.8752	238.1802	238.485
206	211.3448	211.9546	211.3449	211.6498	210.735
213	245.1915	245.1913	245.8011	247.9356	248.2404

2054 VODL_DQ4_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.0818	235.3867	236.3015	235.9965	236.3014
206	211.6027	209.4682	211.6028	208.2486	210.688
213	239.6559	241.7903	239.046	242.4002	243.01

2055 VODL_DQ5_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.203	233.983	234.8979	235.5078	236.1178
206	210.1949	208.3651	208.67	209.585	208.975
213	240.9992	241.3043	242.5242	242.8294	244.6594



2056 VODL_DQ6_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	237.034	237.339	238.5589	237.644	237.949
206	211.7193	212.9393	212.9393	211.4143	212.3293
213	244.3542	244.0492	245.5742	247.7092	248.3192

2057 VODL_DQ7_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	238.1435	237.5336	239.3634	238.7536	238.4486
206	214.6627	214.9676	214.0527	214.3576	215.2726
213	243.9404	245.4652	245.1605	247.2952	248.5152

2058 VODL_DQ8_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.6012	234.2112	234.8211	233.9062	234.8211
206	211.9473	211.3373	210.4223	209.8124	211.3373
213	242.4455	242.1405	243.6654	244.2753	246.1053

2059 VODL_DQ9_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.8725	235.8726	234.3479	236.1776	236.4825
206	214.5283	213.9184	214.2234	213.6135	213.3085
213	243.1931	244.7178	245.9375	246.8526	248.3773

2060 VODL_DQ10_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.6467	231.4268	231.4268	232.6468	232.9518
206	207.9452	207.3352	207.0301	207.9451	207.0302
213	238.1397	238.7497	240.2748	241.8	243.3249



2061 VODL_DQ11_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.3844	234.2144	233.6043	234.5192	232.9944
206	212.8658	211.036	211.9509	211.3409	211.9508
213	242.1424	242.7524	243.3623	243.6672	245.497

2062 VODL_DID0_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	238.2191	237.6089	238.5241	237.9141	239.1342
206	206.7976	207.4077	207.1027	207.7128	208.3229
213	239.7433	240.6585	242.1838	243.4039	244.9291

2063 VODL_DID1_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	237.4744	237.1693	238.9998	238.3897	239.61
206	208.1873	208.4925	208.1873	208.1874	208.1873
213	238.3897	240.5252	239.915	241.4404	242.9658

2064 VODL_DID2_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	236.4261	237.0361	238.2563	238.2563	237.9512
206	208.972	209.5822	208.972	208.972	208.3619
213	239.4769	241.3071	240.6971	241.3072	244.3577

2065 VODL_DID3_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	234.668	234.9731	234.3628	234.9731	234.3628
206	208.1254	209.0406	209.3457	209.0406	209.3457
213	238.0239	239.5493	241.3799	243.2104	242.6001



2066 VODL_DID4_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	236.4808	235.5656	234.9555	236.4808	236.7858
206	211.1601	211.7702	211.1601	211.7702	212.6855
213	241.3612	241.6663	244.4119	245.0219	246.5473

2067 VODL_DID5_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.9389	232.9389	234.4642	235.3793	235.3793
206	209.1453	207.9251	207.9251	207.6201	208.2302
213	238.7349	239.65	239.345	242.3955	244.2257

2068 VODL_DID6_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	232.5056	232.2005	232.8107	233.4207	233.4207
206	209.6275	209.3224	208.4072	208.7123	208.7124
213	236.7773	237.3874	238.6077	239.8279	240.7432

2069 VODL_DID7_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	233.815	235.0353	235.3404	235.9505	235.3404
206	210.324	210.0189	210.324	209.4088	210.324
213	238.0859	238.3909	239.6112	241.4417	241.4417

2070 VODL_DID8_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.7504	238.4959	238.8011	238.4961	238.8011
206	215.0068	214.3967	215.3119	213.4815	214.0917
213	240.6318	240.9369	241.8521	243.3774	244.9027



2071 VODL_DID9_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.0616	236.2819	236.2819	234.7565	236.587
206	213.4008	212.7907	214.0111	213.4008	213.706
213	237.1973	237.5024	238.7227	239.638	241.1634

2072 VODL_DID10_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	235.4133	235.4133	235.1082	235.4133	236.6336
206	214.9725	215.8878	213.7523	215.5827	216.498
213	236.9385	237.2436	239.074	239.9891	241.8196

2073 VODL_DID11_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	231.7665	233.2918	233.9019	232.6816	232.6816
206	215.2934	216.2086	216.5136	215.9035	216.2086
213	237.5628	238.1729	237.2577	239.6982	242.1388

2074 VODL_DQD0_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	242.2892	244.1188	243.509	243.8139	243.5089
206	204.1718	204.1718	205.3916	203.8669	205.0867
213	242.5945	243.2044	244.1192	245.034	246.5587

2075 VODL_DQD1_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	242.976	242.976	242.976	242.9761	244.1956
206	205.4724	205.7773	205.4724	205.7773	204.8625
213	240.8413	241.451	242.6707	243.8902	245.7196



2076 VODL_DQD2_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	243.4014	244.011	243.7061	244.0111	243.0964
206	203.7626	203.7626	204.0674	202.8478	204.0675
213	239.4391	241.2683	241.5733	241.5737	244.3179

2077 VODL_DQD3_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	240.0602	241.8897	241.2798	241.8896	241.5848
206	203.1645	201.6399	202.5546	201.6399	202.8596
213	237.0104	237.9252	238.8399	240.3645	241.5841

2078 VODL_DQD4_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	241.1075	242.3272	242.3273	242.9371	241.4124
206	206.0383	205.1236	205.4285	206.6482	206.0384
213	242.0234	243.5481	243.853	245.3778	247.8174

2079 VODL_DQD5_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	240.0255	240.9403	239.7206	240.0255	240.6354
206	204.9595	202.2152	204.0447	203.7398	204.0447
213	240.9412	242.1609	241.2461	243.6856	244.6004

2080 VODL_DQD6_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	238.2429	237.633	239.1577	239.1577	238.8528
206	201.9536	202.2586	201.3437	203.1734	202.2586
213	239.4631	239.4632	240.9879	242.5126	243.7325



2081 VODL_DQD7_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	238.2598	239.1745	240.0894	240.0895	239.4795
206	203.8008	203.4959	203.4959	203.4959	204.4107
213	242.2243	242.2243	243.1391	244.6639	245.8837

2082 VODL_DQD8_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	241.242	241.5469	241.8518	242.7666	241.242
206	206.7856	204.6512	204.9561	206.1758	206.1758
213	243.6826	243.0726	245.2071	246.1219	249.1713

2083 VODL_DQD9_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.8441	237.7094	237.7095	238.0144	238.6243
206	201.7253	204.4698	203.25	202.3352	201.1153
213	241.3691	241.3692	241.6741	243.5038	245.0286

2084 VODL_DQD10_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	239.8871	239.8869	238.9722	239.2771	240.4968
206	207.2608	205.7363	206.651	206.9559	206.0411
213	242.6335	243.5482	244.7679	245.6831	246.9027

2085 VODL_DQD11_N/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	120	Limit_Max	325	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	237.6454	237.9503	237.6454	237.9504	239.1703
206	203.1844	202.2694	203.4892	202.8794	201.9646
213	239.7811	240.3911	238.8663	241.916	244.0509



2086 DVOD_DI0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.60074	-0.38058	1.144707	-0.38058	-0.38046
206	1.143754	-0.38141	-1.29652	-0.68635	-0.68653
213	1.144111	-0.07635	-0.68647	0.838578	0.228167

2087 DVOD_DI1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	4.693568	2.557814	2.557933	3.77816	2.252638
206	1.944542	4.385531	3.469944	3.165007	3.470182
213	2.250016	4.690886	3.470242	1.33431	2.24942

2088 DVOD_DI2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.218855	3.35443	3.659606	3.964663	2.744257
206	4.271746	3.356516	3.356516	2.136171	2.136111
213	4.576445	2.745867	1.220584	2.441227	3.356397

2089 DVOD_DI3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.910819	-0.30959	-3.05533	-0.61464	0.910819
206	-0.91857	1.217186	-1.22362	-3.35926	-0.91857
213	-1.22374	-0.91863	0.91207	0.606894	0.91207

2090 DVOD_DI4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.737309	-1.09315	0.737369	2.567708	-0.17786
206	0.429213	1.344442	1.344323	1.649559	0.734091
213	1.344621	0.124276	1.039445	0.123918	1.344085



2091 DVOD_DI5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-3.12108	-0.07027	-1.2905	-4.64642	-1.59562
206	-1.28788	-0.37271	-0.98288	-1.89823	-2.81334
213	-1.28824	-0.67794	-0.98282	-1.28776	-1.89775

2092 DVOD_DI6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.4873	-1.57225	-2.1823	-2.79236	-2.4873
206	-3.70669	-2.18153	-2.18147	-3.4017	-3.70669
213	-3.4017	-0.96136	-2.18141	-1.87635	-2.7914

2093 DVOD_DI7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.835691	1.615345	1.005232	2.835572	0.700116
206	0.394702	1.309931	1.920104	1.614988	2.835214
213	2.225161	2.225101	1.920044	1.004875	0.699639

2094 DVOD_DI8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.613319	0.393093	1.613498	2.223492	2.223551
206	1.30564	2.525926	-0.21988	2.220929	3.136098
213	2.220273	2.52527	1.610041	0.694633	2.829909

2095 DVOD_DI9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.4195	-1.02961	1.105726	-0.11438	-0.41956
206	0.19002	0.18996	0.800073	-0.11504	-0.42021
213	2.935469	-0.42021	1.715124	0.799894	-1.03039



2096 DVOD_DI10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.233352	1.758754	1.758695	-0.68188	0.843525
206	1.758635	0.233293	0.843406	0.233293	0.538349
213	0.53829	0.843406	1.148522	3.283978	2.673805

2097 DVOD_DI11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.280201	0.280201	-1.8549	0.585675	-0.32973
206	-0.93508	0.590384	-1.23978	0.590086	2.115488
213	-0.62799	-0.01776	2.42281	0.287294	0.28801

2098 DVOD_DQ0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.111461	0.721395	-0.19354	1.026332	-1.10835
206	1.636207	1.941204	1.941204	1.941204	0.416398
213	-0.49853	1.636207	2.856016	0.721216	1.331151

2099 DVOD_DQ1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.73504	-0.43029	-0.12499	-0.73528	-1.95503
206	-0.1235	-3.17287	-2.86806	-1.95336	-2.86818
213	-0.11951	-2.25419	-0.42439	-1.0339	-1.94824

2100 DVOD_DQ2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.001511	-0.96279	-2.1826	1.781821	0.867009
206	1.782238	1.477301	1.172304	3.916919	-1.57219
213	-2.18159	1.477838	-0.35185	1.782954	0.868142



2101 DVOD_DQ3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.57291	-0.96321	-0.96315	-1.26797	-1.26785
206	-1.57112	-2.18105	-0.96148	-0.96136	-0.04655
213	-1.87325	-1.26326	-1.26302	-1.56784	-0.65273

2102 DVOD_DQ4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.943899	-0.88555	-2.1053	-1.19048	0.029206
206	-3.32516	2.468348	-3.9351	1.248658	-1.19078
213	0.943542	-2.71559	1.553297	1.24836	1.24836

2103 DVOD_DQ5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.12177	1.70821	1.403213	1.098335	-0.42653
206	-0.12302	0.181973	0.48697	-0.42802	-0.7329
213	-0.12499	-0.73504	0.179827	1.09458	0.789225

2104 DVOD_DQ6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-3.45826	-4.06826	-4.67831	-3.45832	-3.76332
206	-3.45844	-4.06849	-3.15344	-3.76344	-3.45844
213	-2.84886	-2.23887	-3.45886	-3.76391	-2.84892

2105 DVOD_DQ7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.06846	-0.84853	-2.0684	-1.45864	-1.45864
206	-1.76615	-2.07114	-0.5461	-2.07102	-1.46115
213	-0.54866	-1.76871	0.060916	-1.15919	0.060499



2106 DVOD_DQ8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.49304	-1.49304	-2.10297	-0.8831	-0.27311
206	-2.10279	-1.18786	0.337124	0.642061	-1.18786
213	-1.49262	-0.57763	-1.49256	0.032425	-0.57757

2107 DVOD_DQ9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.23006	-1.53506	-0.31543	-2.14493	-2.14499
206	-1.53738	-0.92757	-2.75719	-0.01281	-0.92757
213	-0.62442	-1.84417	-1.23435	-0.92971	-1.23489

2108 DVOD_DQ10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.62822	3.762901	4.372954	3.458023	2.84797
206	2.844453	2.539754	3.454924	2.844751	2.539635
213	4.061162	2.840996	3.145695	3.145218	3.14492

2109 DVOD_DQ11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.29975	-0.90981	-2.1295	-1.51962	-0.60469
206	-2.73836	-0.90849	-2.12842	-2.4333	-1.82331
213	-2.12747	-2.12747	-1.82247	0.312507	0.007629

2110 DVOD_DID0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.078261	0.383377	0.078321	0.688314	-0.22674
206	0.992417	0.68742	0.382185	-0.22793	-0.22763
213	1.605868	0.995815	-0.22447	-0.22423	1.301527



2111 DVOD_DID1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.880586	3.406048	0.050247	2.490819	0.965416
206	1.575589	1.270473	2.185762	1.57553	1.270533
213	1.57541	1.270413	1.880586	1.57553	0.355184

2112 DVOD_DID2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	3.316164	3.316224	2.095938	2.70611	4.231393
206	2.096772	2.706826	2.706945	1.791835	2.096772
213	2.705336	2.400279	2.705216	3.315151	0.569642

2113 DVOD_DID3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.94186	-1.9418	-0.11122	-1.02657	-1.63668
206	0.498891	-1.63674	-2.24692	-1.02657	-2.55197
213	0.193894	-1.63662	-1.33151	-2.2468	0.49901

2114 DVOD_DID4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.62983	-1.01966	-0.10443	-1.01966	-1.0196
206	0.20051	-1.32477	-0.4096	-1.01978	-2.24
213	0.507116	-1.32322	-1.9334	-0.40799	-0.71299

2115 DVOD_DID5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.758695	1.758635	0.843525	0.843525	0.233352
206	-0.98675	-0.07159	0.233412	0.538468	1.453578
213	0.233352	1.453519	1.453578	-0.98687	0.538349



2116 DVOD_DID6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.307773	3.528059	2.002597	2.307832	3.222704
206	2.308488	2.308369	2.308428	2.308369	2.003253
213	2.91568	3.525555	2.915323	3.220081	2.914727

2117 DVOD_DID7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.968933	0.053644	0.053644	0.053704	0.663757
206	-0.86153	-0.25141	0.053644	-0.55647	-0.25141
213	-0.55611	1.579463	0.359178	0.664234	0.664294

2118 DVOD_DID8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.32506	-4.46039	-2.93523	-4.15546	-2.32518
206	-3.54552	-3.54558	-2.63041	-2.02024	-1.71518
213	-4.46129	-3.24112	-3.24106	-4.15629	-3.85141

2119 DVOD_DID9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-1.82313	-3.9587	-1.82313	-0.9079	-2.4333
206	-1.21307	-1.21313	-2.43354	-1.82331	-1.51825
213	-2.1286	-2.1286	-1.82343	-2.73871	-0.29808

2120 DVOD_DID10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.08267	2.052784	1.747727	1.442611	1.442671
206	2.663195	1.747906	2.968192	1.137733	-0.08255
213	2.053261	2.663434	0.833094	2.358675	1.138389



2121 DVOD_DID11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.14681	-1.36709	-1.06204	0.463307	-0.75698
206	-0.75728	-1.67251	-1.67251	-0.75728	-0.45228
213	-0.45234	-1.06245	-1.36751	-1.97768	-0.14746

2122 DVOD_DQD0_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	2.099752	0.575066	0.879943	-0.03487	1.184881
206	1.185596	1.490533	0.270724	1.185656	0.575662
213	0.879288	1.489103	0.574291	0.879109	3.01367

2123 DVOD_DQD1_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-2.05731	-1.44744	0.382066	0.382006	-1.44738
206	0.076234	-1.14346	-0.5337	-0.53358	-0.53358
213	0.077963	0.383019	-0.2268	-0.22662	-1.14131

2124 DVOD_DQD2_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.123203	0.733435	0.428438	0.428259	1.038015
206	1.041293	0.736356	0.431538	1.041472	1.345992
213	1.644969	0.730455	1.035094	2.254248	1.644194

2125 DVOD_DQD3_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.16671	-0.47171	-0.77659	-0.47153	-0.16671
206	-1.0823	1.052082	0.137269	0.442207	-0.77742
213	0.444114	0.139236	0.444233	-0.47052	0.444353



2126 DVOD_DQD4_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	1.115382	-0.10431	-1.32424	-1.32412	0.505507	
206	-0.10234	1.117349	-0.4074	-1.32215	-0.40746	
213	-1.02133	-0.71645	-0.71651	-0.10669	-0.41193	

2127 DVOD_DQD5_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	2.025664	-0.71865	-0.41372	0.196099	-0.10896	
206	-1.02276	1.111686	-1.32775	0.501871	-1.32781	
213	-0.41556	-1.63531	0.194252	-0.41574	-0.11092	

2128 DVOD_DQD6_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	1.060247	1.365185	1.365304	1.365244	1.97506	
206	1.366496	1.366556	1.671553	0.756681	2.281368	
213	1.669347	1.974165	1.669228	1.669168	1.364052	

2129 DVOD_DQD7_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	2.852976	1.328349	1.938224	1.938164	2.243102	
206	1.938641	1.938641	2.243638	1.633704	1.938641	
213	0.717938	1.937687	2.85244	1.632631	1.327634	

2130 DVOD_DQD8_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad	
51	0.508964	1.423895	-0.10085	-0.40579	0.813842	
206	0.20504	0.814736	1.42467	-0.40483	-0.10002	
213	-1.32281	2.031386	-0.10318	0.811458	0.201404	



2131 DVOD_DQD9_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0.607193	1.827121	5.181491	5.181491	3.04687
206	3.047168	-0.30726	1.827419	2.437234	3.657103
213	2.43634	2.43628	2.43634	1.826406	2.741158

2132 DVOD_DQD10_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	-0.45598	-0.45586	1.068711	1.373708	0.153959
206	-0.45419	-0.45425	-0.75918	-1.06406	-0.14931
213	-0.4608	-0.76568	-1.37573	-0.46146	1.06281

2133 DVOD_DQD11_P/X/1_2/H/1.9/1.9/L/0/0/1600/0.5/DIS/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	-20	Limit_Max	20	mV	
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1.36286	1.36286	3.192544	3.192484	1.057863
206	2.583504	2.88856	2.583623	1.363695	2.278626
213	3.800392	2.580464	2.885461	2.885222	2.580047

2140 TSTPATLOC/X/1_4/H/1.9/1.9/H/0/0/1600/0.5/ECM/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	0	Limit_Max	4444		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	1111	4444	0	1111	4444
206	0	2222	3333	3333	3333
213	4444	4444	3333	1111	3333

2141 TSTPATERS/X/1_4/H/1.9/1.9/H/0/0/1600/0.5/ECM/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0



2150 TSTPATLOC/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/ECM/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	11	Limit_Max	99		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	11	99	99	55	11
206	99	77	33	99	55
213	11	77	11	55	33

2151 TSTPATERS/X/1_2/H/1.9/1.9/H/0/0/1600/0.5/ECM/0/ECM/0/SKIP/X/20/0.0/DIS/HIGH/DEF/

Limit_Min	NA	Limit_Max	NA		
Device ID	0.0 krad	50.0 krad	100.0 krad	200.0 krad	300.0 krad
51	0	0	0	0	0
206	0	0	0	0	0
213	0	0	0	0	0