

ICS Radiation Test Results

**TI-DAC5675
14-Bit DAC**

Texas Instruments

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TI P.O. Number 4511288294

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. **DEVICE TYPE: TI-DAC5675 14-Bit DAC (TI)** .
. **RADIATION SOURCE: GAMMABEAM 150-C,SALK INST.(Co60)1.25MeV** .
. .
. **D/C 53TE38F | | PACKAGE 48-Pin HTQFP | | LOT# 6628598** .
. **LOG# 1463 | | TEST DATE 02/24-25/06 | | RTP# 645** .
. .
. **Test Conductor: Bob Dantas** .
. **Test Administrator: Michael K. Gauthier** .
. .
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Co⁶⁰ Irradiation of Texas Instruments

TI- DAC5675 14-Bit DAC

at The Salk Institute, San Diego, CA

March 24-25, 2006

On March 24-25, 2006, ICS irradiated 25 TI-DAC5675 14-Bit DAC ICs (Log 1463) manufactured by Texas Instruments, Sherman, Texas. The Texas Instruments purchase order number is 4511288294. The ICS Task number is 749. The radiation test procedure is RTP 645.

The TI- DAC5675 14-Bit DAC were irradiated per RTP 645, The total dose exposures were 25, 50, 75, 100 & 150krads(Si), one level for each group of five devices (serialized) at a dose rate of 2.53rad(Si)/second [9108 rads(Si)/hour]. The TI- DAC5675 14-Bit DAC were placed in a customer supplied burn-in/radiation bias board. The bias board was set to the distance of 60cm from the Co⁶⁰ source. This provided for a dose rate of 2.53rads(Si)/second to each device.

The TI- DAC5675 14-Bit DAC were positioned to uniformly expose the entire Bias Board area. The total irradiation time for 150krad(Si) was 16.5 hours.

NOTE: All devices were immediately placed in a chilled Dry Ice environment when they ended their respective exposure periods.

The irradiator was the Shepherd Gammabeam 150-C, room source at The Salk Institute, La Jolla, California.

The dose rate calculation is based on the Salk Institute dose rate vs. distance calibration chart. Their source is calibrated by J.L. Shepherd & Associates and is traceable to NIST.

The setup consisted of:

- 25 pieces plus 23 spare, TI- DAC5675 14-Bit DAC
- 1 Bias board (TI supplied 50 position burn in board)
- 1 Fluke Model 8600A DMM Calib # BF1178. Calibrated 2/28/06, due 2/28/07.
- 1 Fluke Model 8600A DMM Calib # BF1174. Calibrated 2/28/06, due 2/28/07.
- 1 HP DC Power Supply Model 6289A.
- 1 Shepherd Gammabeam 150-C.

The bias board voltages and currents were monitored and recorded at the start and end of exposure period. See Exposure Activity Log for details. All test equipment is property of ICS with the exception of the Shepherd Gammabeam 150-C and the DUTs.

The exposure groups by serial # and exposure level are as follows:

25krads (Si) TID —S.N. 1, 2, 3, 4, & 5.

50krads(Si) TID —S.N. 6, 7, 8, 9, & 10.

75krads(Si) TID —S.N. 11, 12, 13, 14, & 15.

100krads(Si) TID —S.N. 16, 17, 18, 19, & 20.

150krads(Si) TID —S.N. 21, 22, 23, 24, & 25.

No unusual events were observed during the radiation exposure of the TI- DAC5675 14-Bit DAC. Initially, the 3.6 volt supply was 318mA for the bias board (total for all devices on the board). The average device current was 12.7mA per device. After the 150krad(Si) irradiation was complete the average current per device was 10mA.

If you have any questions, please contact me directly.

ICS RADIATION TECHNOLOGIES, INC.

Armando R.V. Dantas
Vice President Operations

March 27, 2006

Device Type: DAC5675, 14 Bit, 400 MSPS, Digital-to-Analog Converter

Manufacturer: TI

Lot No: Wafer# Date Code:

Package Type: 48 Pin HTQFP

No. of Devices Supplied: 48

No. of Devices to be tested: 5 at each Dose Level + 23 spares

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RADIATION CONDITIONS: MIL STD 883E, Test Method 1019.4

Facility: Salk Institute, La Jolla, California

Gammabeam 150-C, Co60

Energy: 1.25 MeV

Total Dose krad(Si)	25	50	75	100	150	ANNEAL 168hr 100°C
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Dose Rate rad(Si)/s	2.53 [151.6rad(Si)/minute]
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BIAS CONDITIONS DURING IRRADIATION:

Customer supplied bias board

The following bias should be made to the board as labeled:

3.6V terminal to 3.6V

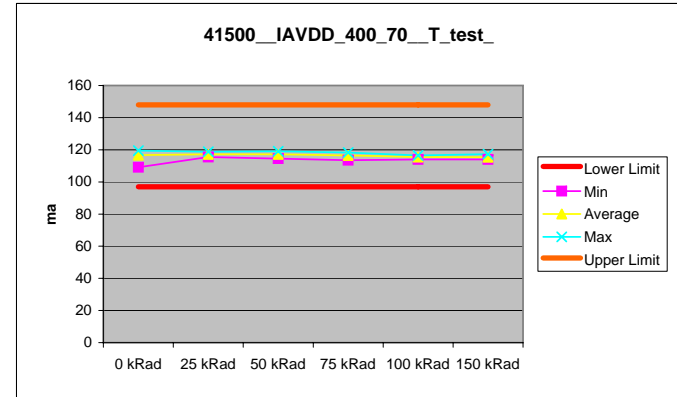
GND terminal to Ground

Anneal to be conducted by customer.

After the final irradiation, all devices will be packed in Dry Ice and shipped overnight express.

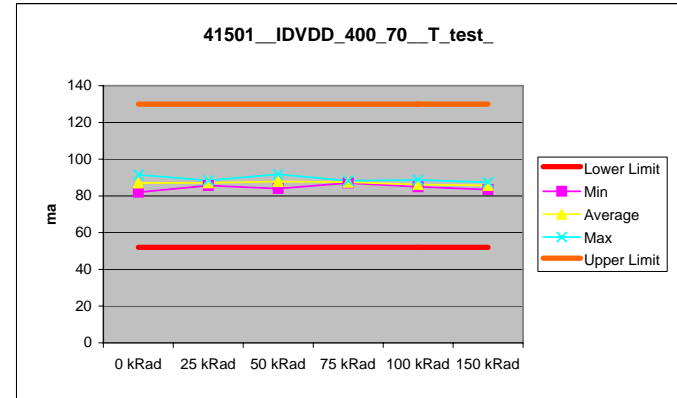
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41500_IAVDD_400_70_T_test_	0 kRad	97	109.156	116.6717	119.4	148	1.926
41500_IAVDD_400_70_T_test_	25 kRad	97	115.531	117.231	118.8	148	1.304
41500_IAVDD_400_70_T_test_	50 kRad	97	114.531	117.181	119	148	1.834
41500_IAVDD_400_70_T_test_	75 kRad	97	113.531	116.4685	118.3	148	2.085
41500_IAVDD_400_70_T_test_	100 kRad	97	114.031	115.481	116.5	148	1.052
41500_IAVDD_400_70_T_test_	150 kRad	97	114.031	115.381	117.3	148	1.443

Units ma



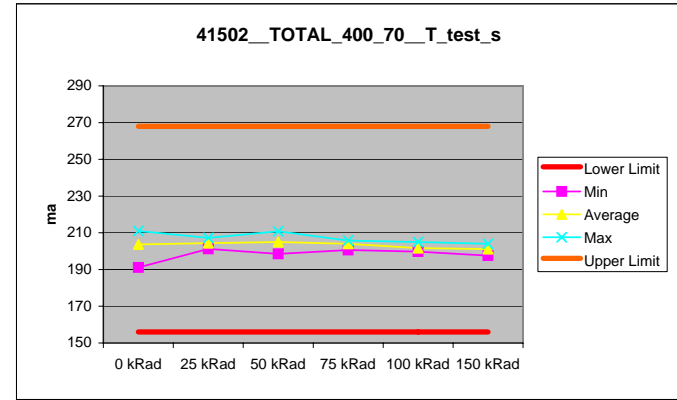
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41501_IDVDD_400_70_T_test_	0 kRad	52	81.951	87.00394	91.51	130	1.705
41501_IDVDD_400_70_T_test_	25 kRad	52	85.67	87.1424	88.42	130	1.053
41501_IDVDD_400_70_T_test_	50 kRad	52	83.997	87.7862	91.74	130	2.786
41501_IDVDD_400_70_T_test_	75 kRad	52	87.043	87.5045	88.24	130	0.524
41501_IDVDD_400_70_T_test_	100 kRad	52	84.921	86.2038	88.72	130	1.564
41501_IDVDD_400_70_T_test_	150 kRad	52	83.498	85.7194	87.44	130	1.611

Units ma



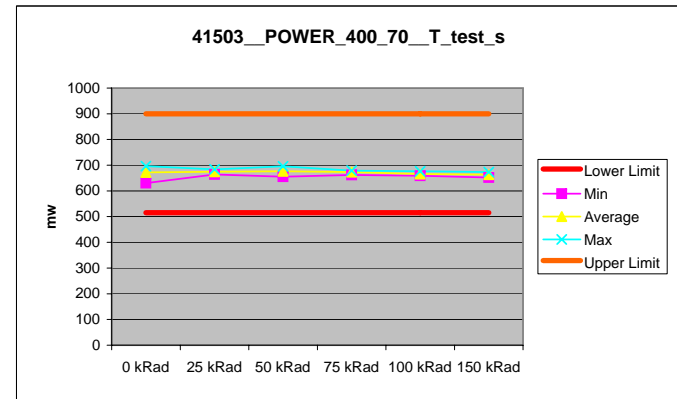
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41502_TOTAL_400_70_T_test_s	0 kRad	156	191.108	203.6751	210.9	268	3.441
41502_TOTAL_400_70_T_test_s	25 kRad	156	201.201	204.3738	207.2	268	2.32
41502_TOTAL_400_70_T_test_s	50 kRad	156	198.529	204.9678	210.8	268	4.427
41502_TOTAL_400_70_T_test_s	75 kRad	156	200.574	203.9733	205.8	268	2.315
41502_TOTAL_400_70_T_test_s	100 kRad	156	199.702	201.6852	205	268	2.291
41502_TOTAL_400_70_T_test_s	150 kRad	156	197.529	201.101	204	268	2.885

Units ma



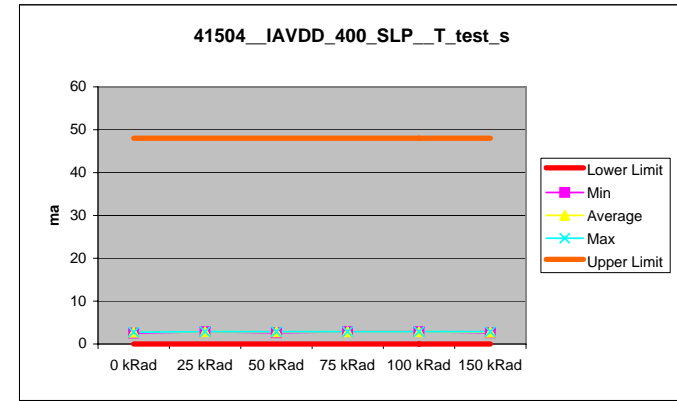
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41503_POWER_400_70_T_test_s	0 kRad	515	630.655	672.128	696.1	900	11.36
41503_POWER_400_70_T_test_s	25 kRad	515	663.963	674.4332	683.7	900	7.656
41503_POWER_400_70_T_test_s	50 kRad	515	655.144	676.3932	695.5	900	14.61
41503_POWER_400_70_T_test_s	75 kRad	515	661.894	673.1113	679.1	900	7.638
41503_POWER_400_70_T_test_s	100 kRad	515	659.017	665.561	676.5	900	7.561
41503_POWER_400_70_T_test_s	150 kRad	515	651.847	663.633	673.1	900	9.52

Units mw



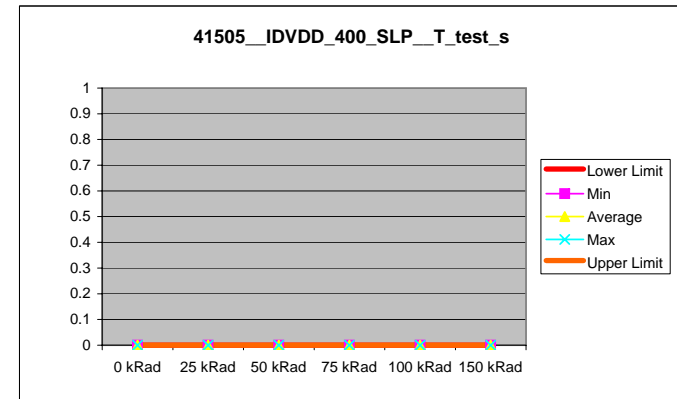
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41504_IAVDD_400_SLP_T_test_s	0 kRad	0	2.531	2.744542	2.781	48	0.089
41504_IAVDD_400_SLP_T_test_s	25 kRad	0	2.875	2.875	2.875	48	0
41504_IAVDD_400_SLP_T_test_s	50 kRad	0	2.625	2.825	2.875	48	0.112
41504_IAVDD_400_SLP_T_test_s	75 kRad	0	2.875	2.875	2.875	48	0
41504_IAVDD_400_SLP_T_test_s	100 kRad	0	2.875	2.875	2.875	48	0
41504_IAVDD_400_SLP_T_test_s	150 kRad	0	2.625	2.775	2.875	48	0.137

Units ma



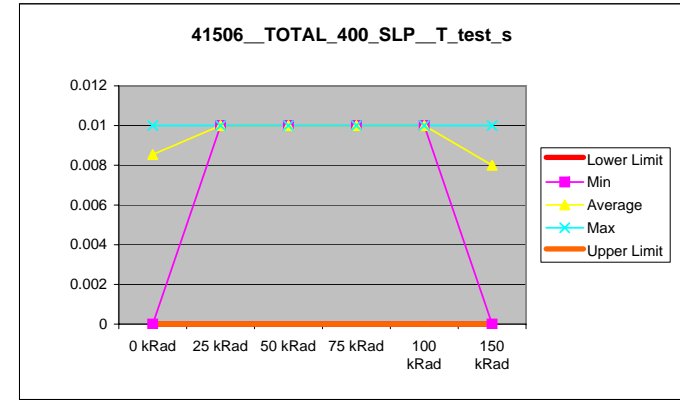
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41505_IDVDD_400_SLP_T_test_s	0 kRad	0	0	0	0	0	0
41505_IDVDD_400_SLP_T_test_s	25 kRad	0	0	0	0	0	0
41505_IDVDD_400_SLP_T_test_s	50 kRad	0	0	0	0	0	0
41505_IDVDD_400_SLP_T_test_s	75 kRad	0	0	0	0	0	0
41505_IDVDD_400_SLP_T_test_s	100 kRad	0	0	0	0	0	0
41505_IDVDD_400_SLP_T_test_s	150 kRad	0	0	0	0	0	0

Units



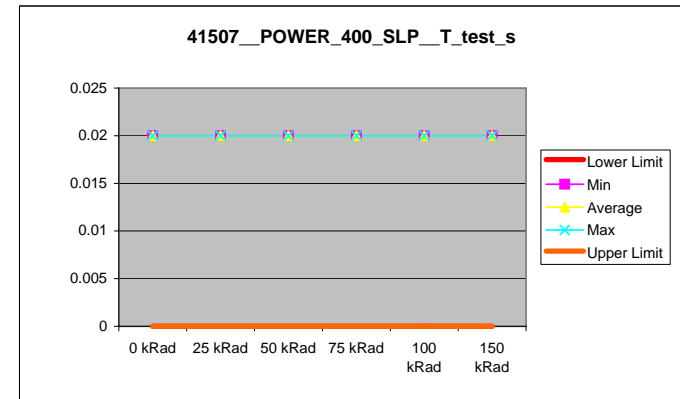
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41506__TOTAL_400_SLP__T_test_s	0 kRad	0	0	0.008542	0.01	0	0.004
41506__TOTAL_400_SLP__T_test_s	25 kRad	0	0.01	0.01	0.01	0	0
41506__TOTAL_400_SLP__T_test_s	50 kRad	0	0.01	0.01	0.01	0	0
41506__TOTAL_400_SLP__T_test_s	75 kRad	0	0.01	0.01	0.01	0	0
41506__TOTAL_400_SLP__T_test_s	100 kRad	0	0.01	0.01	0.01	0	0
41506__TOTAL_400_SLP__T_test_s	150 kRad	0	0	0.008	0.01	0	0.004

Units



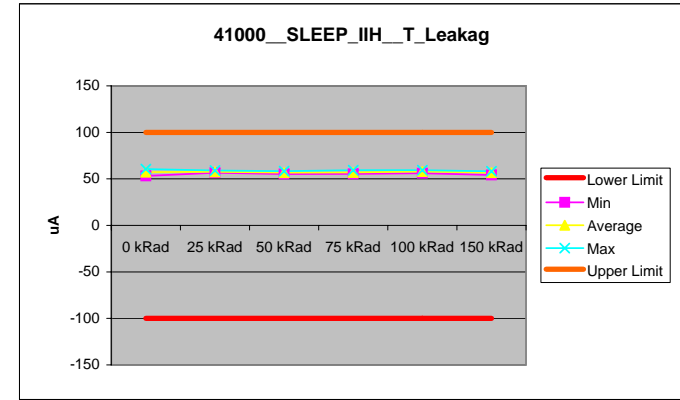
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41507__POWER_400_SLP__T_test_s	0 kRad	0	0.02	0.02	0.02	0	1E-17
41507__POWER_400_SLP__T_test_s	25 kRad	0	0.02	0.02	0.02	0	0
41507__POWER_400_SLP__T_test_s	50 kRad	0	0.02	0.02	0.02	0	0
41507__POWER_400_SLP__T_test_s	75 kRad	0	0.02	0.02	0.02	0	0
41507__POWER_400_SLP__T_test_s	100 kRad	0	0.02	0.02	0.02	0	0
41507__POWER_400_SLP__T_test_s	150 kRad	0	0.02	0.02	0.02	0	0

Units



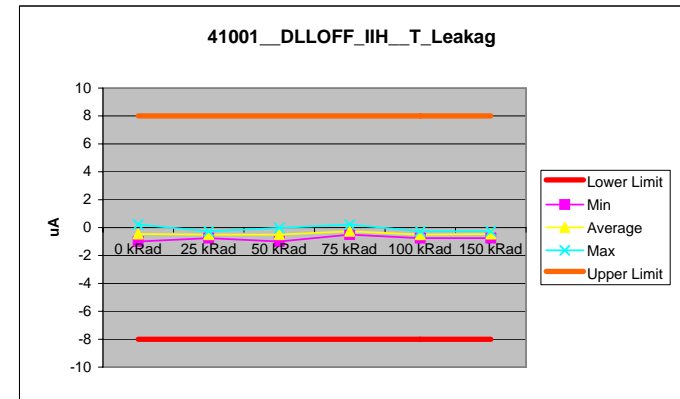
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41000__SLEEP_IIH__T_Leakag	0 kRad	-100	53.23	57.22829	60.54	100	1.428
41000__SLEEP_IIH__T_Leakag	25 kRad	-100	56.64	57.5652	59.08	100	0.965
41000__SLEEP_IIH__T_Leakag	50 kRad	-100	55.178	56.6884	58.35	100	1.282
41000__SLEEP_IIH__T_Leakag	75 kRad	-100	55.422	56.94425	59.32	100	1.668
41000__SLEEP_IIH__T_Leakag	100 kRad	-100	56.153	58.0038	59.32	100	1.15
41000__SLEEP_IIH__T_Leakag	150 kRad	-100	54.204	56.786	58.1	100	1.63

Units uA



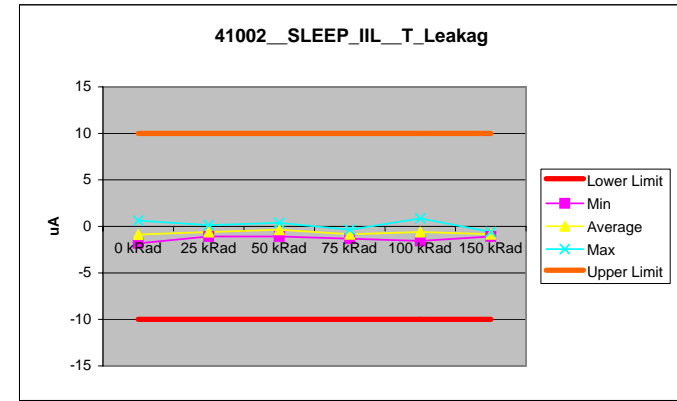
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41001__DLLOFF_IIH__T_Leakag	0 kRad	-8	-0.997	-0.45817	0.223	8	0.266
41001__DLLOFF_IIH__T_Leakag	25 kRad	-8	-0.753	-0.509	-0.265	8	0.173
41001__DLLOFF_IIH__T_Leakag	50 kRad	-8	-0.997	-0.509	-0.021	8	0.488
41001__DLLOFF_IIH__T_Leakag	75 kRad	-8	-0.509	-0.265	0.223	8	0.345
41001__DLLOFF_IIH__T_Leakag	100 kRad	-8	-0.753	-0.509	-0.265	8	0.244
41001__DLLOFF_IIH__T_Leakag	150 kRad	-8	-0.753	-0.4602	-0.265	8	0.204

Units uA



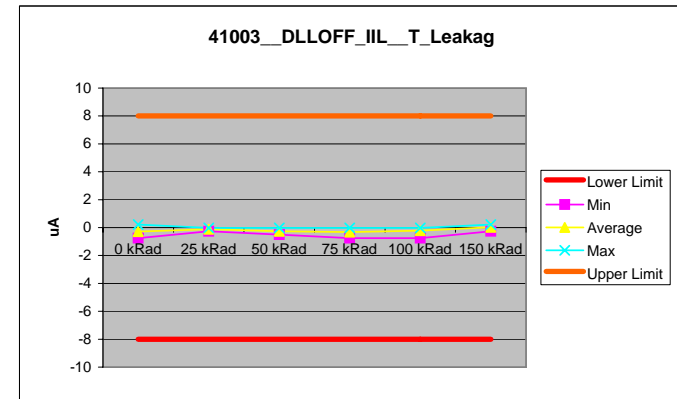
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41002_SLEEP_IIL_T_Leakag	0 kRad	-10	-1.815	-0.87163	0.62	10	0.481
41002_SLEEP_IIL_T_Leakag	25 kRad	-10	-1.085	-0.5978	0.133	10	0.456
41002_SLEEP_IIL_T_Leakag	50 kRad	-10	-1.085	-0.354	0.377	10	0.545
41002_SLEEP_IIL_T_Leakag	75 kRad	-10	-1.328	-0.841	-0.354	10	0.562
41002_SLEEP_IIL_T_Leakag	100 kRad	-10	-1.572	-0.5976	0.864	10	0.959
41002_SLEEP_IIL_T_Leakag	150 kRad	-10	-1.085	-0.8414	-0.598	10	0.244

Units uA



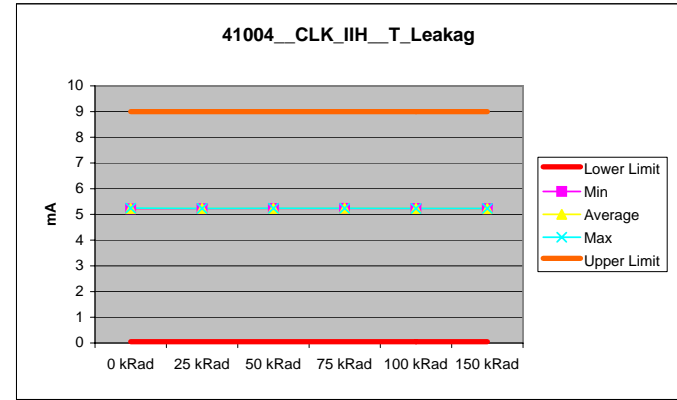
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41003_DLLOFF_IIL_T_Leakag	0 kRad	-8	-0.753	-0.28533	0.223	8	0.275
41003_DLLOFF_IIL_T_Leakag	25 kRad	-8	-0.265	-0.1186	-0.021	8	0.134
41003_DLLOFF_IIL_T_Leakag	50 kRad	-8	-0.509	-0.265	-0.021	8	0.173
41003_DLLOFF_IIL_T_Leakag	75 kRad	-8	-0.753	-0.326	-0.021	8	0.366
41003_DLLOFF_IIL_T_Leakag	100 kRad	-8	-0.753	-0.2162	-0.021	8	0.318
41003_DLLOFF_IIL_T_Leakag	150 kRad	-8	-0.265	0.0278	0.223	8	0.204

Units uA



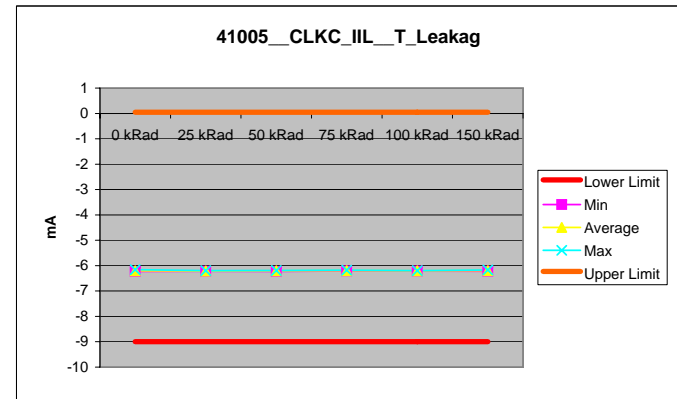
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41004__CLK_IIH__T_Leakag	0 kRad	0.05	5.217	5.232542	5.245	9	0.005
41004__CLK_IIH__T_Leakag	25 kRad	0.05	5.224	5.2318	5.235	9	0.005
41004__CLK_IIH__T_Leakag	50 kRad	0.05	5.23	5.2332	5.238	9	0.003
41004__CLK_IIH__T_Leakag	75 kRad	0.05	5.232	5.2365	5.239	9	0.003
41004__CLK_IIH__T_Leakag	100 kRad	0.05	5.23	5.2316	5.233	9	0.001
41004__CLK_IIH__T_Leakag	150 kRad	0.05	5.222	5.2298	5.234	9	0.005

Units mA



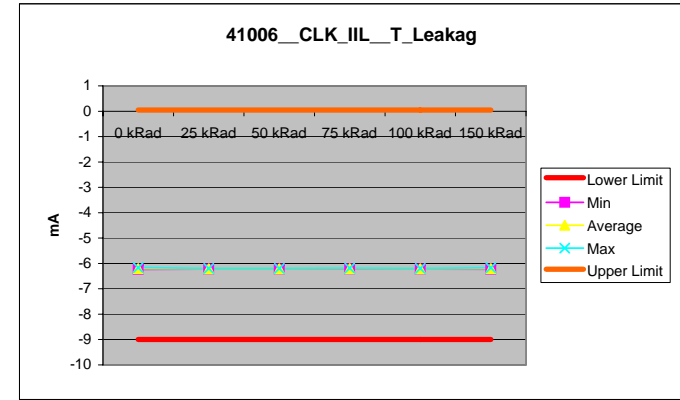
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41005__CLKC_IIL__T_Leakag	0 kRad	-9	-6.226	-6.20288	-6.161	0.05	0.015
41005__CLKC_IIL__T_Leakag	25 kRad	-9	-6.221	-6.207	-6.195	0.05	0.013
41005__CLKC_IIL__T_Leakag	50 kRad	-9	-6.226	-6.205	-6.189	0.05	0.016
41005__CLKC_IIL__T_Leakag	75 kRad	-9	-6.209	-6.19675	-6.179	0.05	0.014
41005__CLKC_IIL__T_Leakag	100 kRad	-9	-6.217	-6.2022	-6.194	0.05	0.011
41005__CLKC_IIL__T_Leakag	150 kRad	-9	-6.221	-6.1972	-6.172	0.05	0.023

Units mA



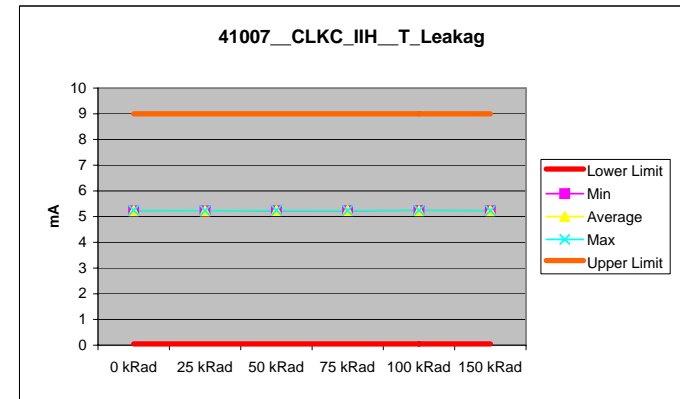
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41006__CLK_IIL__T_Leakag	0 kRad	-9	-6.232	-6.20565	-6.164	0.05	0.015
41006__CLK_IIL__T_Leakag	25 kRad	-9	-6.22	-6.208	-6.199	0.05	0.01
41006__CLK_IIL__T_Leakag	50 kRad	-9	-6.223	-6.2116	-6.199	0.05	0.011
41006__CLK_IIL__T_Leakag	75 kRad	-9	-6.216	-6.2005	-6.181	0.05	0.015
41006__CLK_IIL__T_Leakag	100 kRad	-9	-6.22	-6.2102	-6.198	0.05	0.009
41006__CLK_IIL__T_Leakag	150 kRad	-9	-6.23	-6.2	-6.174	0.05	0.023

Units mA



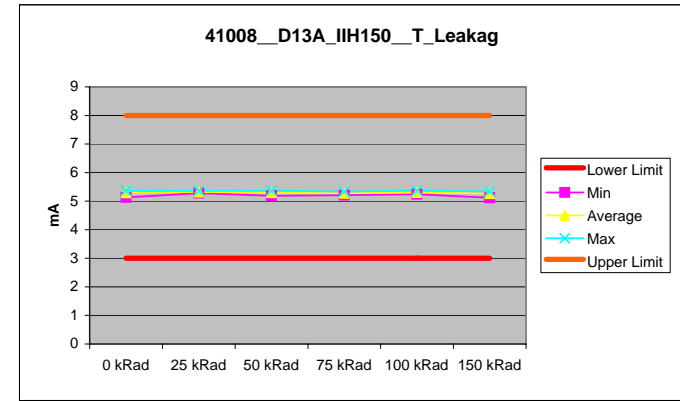
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41007__CLKC_IIH__T_Leakag	0 kRad	0.05	5.22	5.232625	5.243	9	0.006
41007__CLKC_IIH__T_Leakag	25 kRad	0.05	5.222	5.2294	5.234	9	0.005
41007__CLKC_IIH__T_Leakag	50 kRad	0.05	5.229	5.237	5.243	9	0.005
41007__CLKC_IIH__T_Leakag	75 kRad	0.05	5.229	5.238	5.242	9	0.006
41007__CLKC_IIH__T_Leakag	100 kRad	0.05	5.233	5.2364	5.243	9	0.004
41007__CLKC_IIH__T_Leakag	150 kRad	0.05	5.227	5.2306	5.234	9	0.003

Units mA



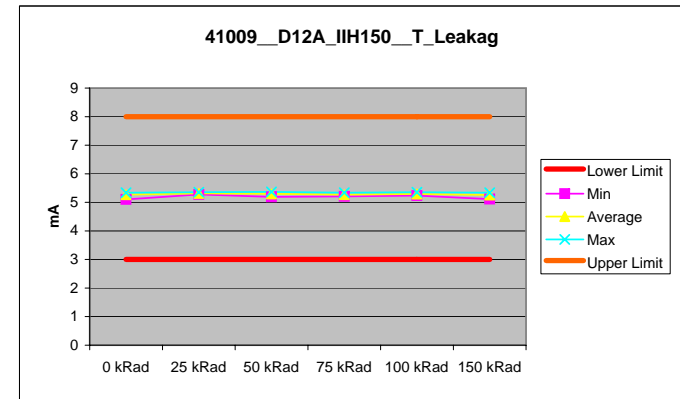
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41008__D13A_IIH150__T_Leakag	0 kRad	3	5.128	5.292771	5.359	8	0.064
41008__D13A_IIH150__T_Leakag	25 kRad	3	5.281	5.3216	5.362	8	0.034
41008__D13A_IIH150__T_Leakag	50 kRad	3	5.187	5.2968	5.368	8	0.074
41008__D13A_IIH150__T_Leakag	75 kRad	3	5.209	5.27375	5.34	8	0.055
41008__D13A_IIH150__T_Leakag	100 kRad	3	5.242	5.3038	5.365	8	0.05
41008__D13A_IIH150__T_Leakag	150 kRad	3	5.119	5.2646	5.344	8	0.091

Units mA



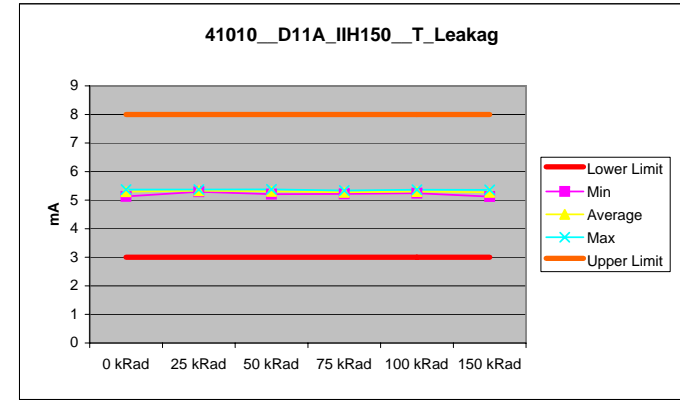
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41009__D12A_IIH150__T_Leakag	0 kRad	3	5.102	5.270021	5.339	8	0.064
41009__D12A_IIH150__T_Leakag	25 kRad	3	5.277	5.3144	5.355	8	0.034
41009__D12A_IIH150__T_Leakag	50 kRad	3	5.192	5.2962	5.364	8	0.071
41009__D12A_IIH150__T_Leakag	75 kRad	3	5.207	5.27175	5.336	8	0.054
41009__D12A_IIH150__T_Leakag	100 kRad	3	5.235	5.2914	5.356	8	0.048
41009__D12A_IIH150__T_Leakag	150 kRad	3	5.116	5.2566	5.337	8	0.089

Units mA



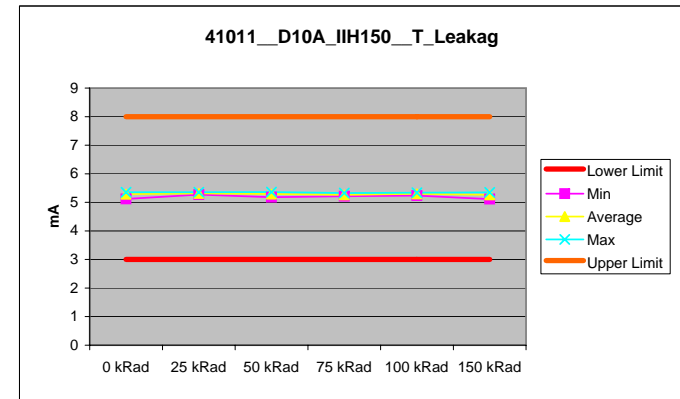
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41010__D11A_IIH150__T_Leakag	0 kRad	3	5.132	5.300396	5.369	8	0.063
41010__D11A_IIH150__T_Leakag	25 kRad	3	5.29	5.3292	5.371	8	0.036
41010__D11A_IIH150__T_Leakag	50 kRad	3	5.208	5.308	5.376	8	0.066
41010__D11A_IIH150__T_Leakag	75 kRad	3	5.221	5.277	5.34	8	0.05
41010__D11A_IIH150__T_Leakag	100 kRad	3	5.244	5.3062	5.367	8	0.049
41010__D11A_IIH150__T_Leakag	150 kRad	3	5.123	5.2736	5.36	8	0.094

Units mA



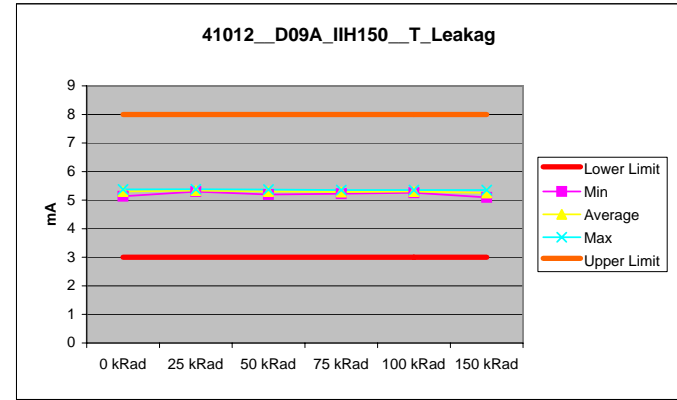
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41011__D10A_IIH150__T_Leakag	0 kRad	3	5.121	5.286938	5.356	8	0.064
41011__D10A_IIH150__T_Leakag	25 kRad	3	5.272	5.3122	5.356	8	0.036
41011__D10A_IIH150__T_Leakag	50 kRad	3	5.183	5.2902	5.36	8	0.071
41011__D10A_IIH150__T_Leakag	75 kRad	3	5.216	5.2655	5.325	8	0.047
41011__D10A_IIH150__T_Leakag	100 kRad	3	5.239	5.296	5.34	8	0.041
41011__D10A_IIH150__T_Leakag	150 kRad	3	5.112	5.263	5.348	8	0.093

Units mA



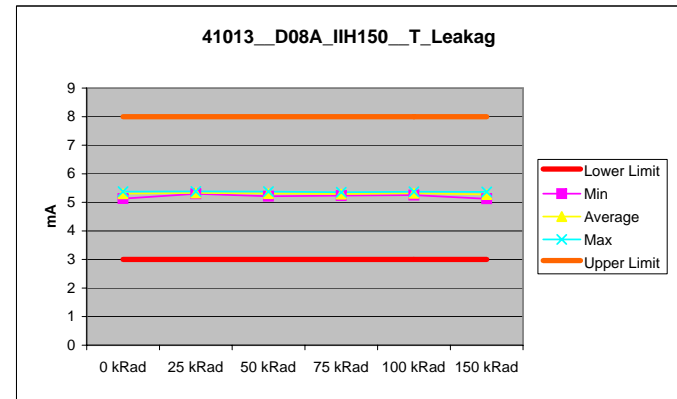
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41012__D09A_IIH150__T_Leakag	0 kRad	3	5.137	5.302313	5.375	8	0.064
41012__D09A_IIH150__T_Leakag	25 kRad	3	5.297	5.3356	5.382	8	0.038
41012__D09A_IIH150__T_Leakag	50 kRad	3	5.199	5.3032	5.372	8	0.067
41012__D09A_IIH150__T_Leakag	75 kRad	3	5.227	5.28625	5.352	8	0.054
41012__D09A_IIH150__T_Leakag	100 kRad	3	5.257	5.3036	5.354	8	0.045
41012__D09A_IIH150__T_Leakag	150 kRad	3	5.099	5.2554	5.353	8	0.102

Units mA



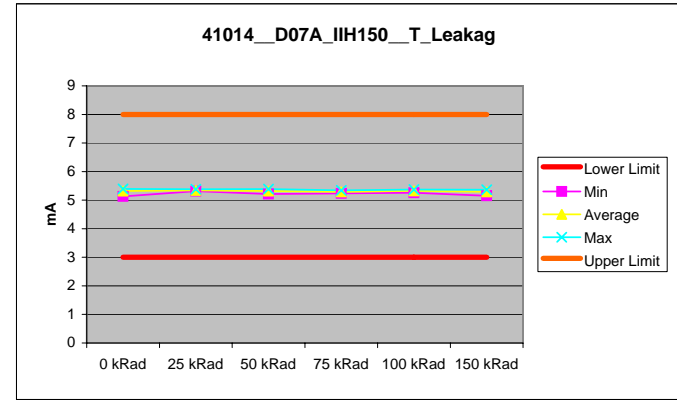
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41013__D08A_IIH150__T_Leakag	0 kRad	3	5.131	5.306438	5.376	8	0.066
41013__D08A_IIH150__T_Leakag	25 kRad	3	5.299	5.3338	5.38	8	0.031
41013__D08A_IIH150__T_Leakag	50 kRad	3	5.216	5.3116	5.379	8	0.068
41013__D08A_IIH150__T_Leakag	75 kRad	3	5.237	5.2905	5.355	8	0.05
41013__D08A_IIH150__T_Leakag	100 kRad	3	5.254	5.3214	5.373	8	0.048
41013__D08A_IIH150__T_Leakag	150 kRad	3	5.123	5.2776	5.367	8	0.095

Units mA



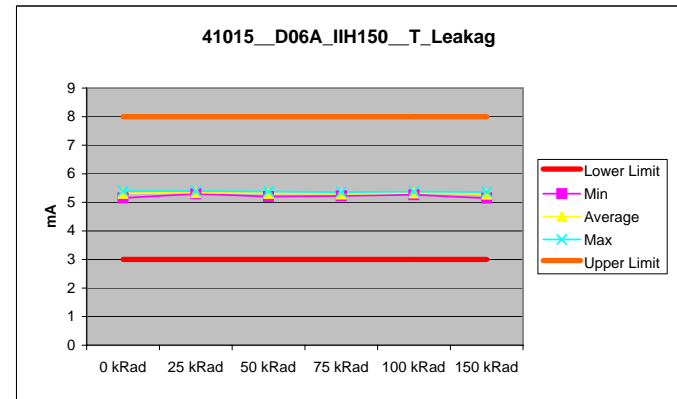
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41014__D07A_IIH150__T_Leakag	0 kRad	3	5.131	5.318354	5.393	8	0.064
41014__D07A_IIH150__T_Leakag	25 kRad	3	5.315	5.3412	5.381	8	0.029
41014__D07A_IIH150__T_Leakag	50 kRad	3	5.215	5.3212	5.388	8	0.072
41014__D07A_IIH150__T_Leakag	75 kRad	3	5.237	5.295	5.343	8	0.046
41014__D07A_IIH150__T_Leakag	100 kRad	3	5.257	5.3258	5.371	8	0.047
41014__D07A_IIH150__T_Leakag	150 kRad	3	5.152	5.2898	5.367	8	0.086

Units mA



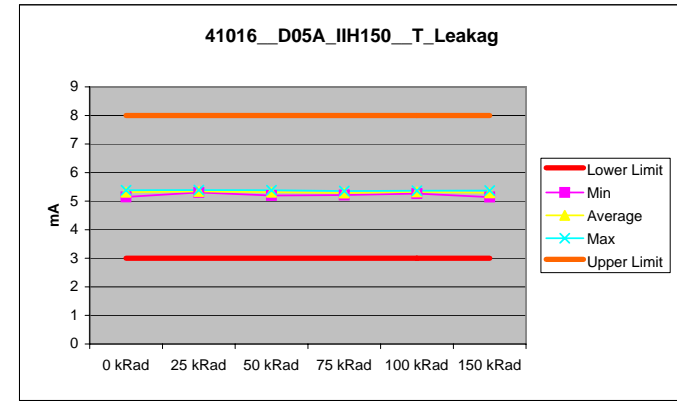
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41015__D06A_IIH150__T_Leakag	0 kRad	3	5.155	5.316396	5.394	8	0.064
41015__D06A_IIH150__T_Leakag	25 kRad	3	5.3	5.3412	5.391	8	0.037
41015__D06A_IIH150__T_Leakag	50 kRad	3	5.201	5.3136	5.38	8	0.072
41015__D06A_IIH150__T_Leakag	75 kRad	3	5.225	5.29025	5.358	8	0.057
41015__D06A_IIH150__T_Leakag	100 kRad	3	5.266	5.3314	5.378	8	0.045
41015__D06A_IIH150__T_Leakag	150 kRad	3	5.149	5.2886	5.368	8	0.09

Units mA



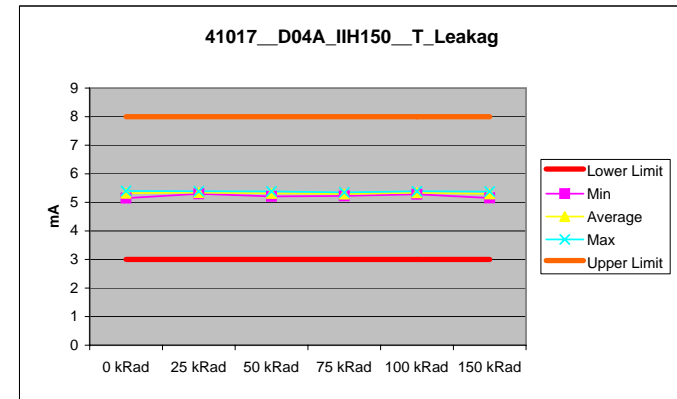
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41016__D05A_IIH150__T_Leakag	0 kRad	3	5.149	5.314271	5.384	8	0.064
41016__D05A_IIH150__T_Leakag	25 kRad	3	5.301	5.3432	5.39	8	0.034
41016__D05A_IIH150__T_Leakag	50 kRad	3	5.2	5.3136	5.381	8	0.074
41016__D05A_IIH150__T_Leakag	75 kRad	3	5.215	5.28475	5.352	8	0.058
41016__D05A_IIH150__T_Leakag	100 kRad	3	5.264	5.3244	5.367	8	0.04
41016__D05A_IIH150__T_Leakag	150 kRad	3	5.142	5.2948	5.373	8	0.094

Units mA



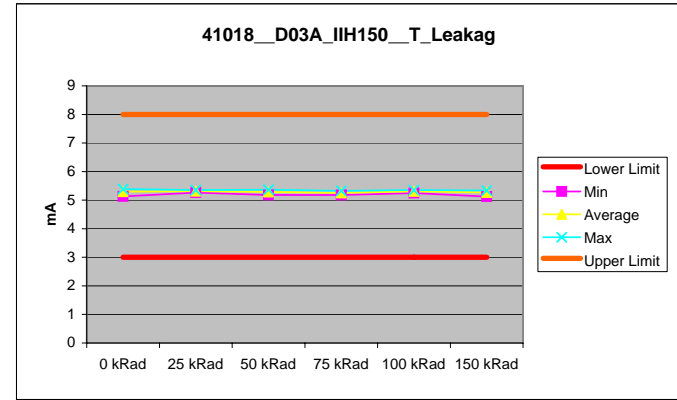
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41017__D04A_IIH150__T_Leakag	0 kRad	3	5.146	5.318771	5.397	8	0.064
41017__D04A_IIH150__T_Leakag	25 kRad	3	5.299	5.3414	5.388	8	0.035
41017__D04A_IIH150__T_Leakag	50 kRad	3	5.206	5.3154	5.384	8	0.072
41017__D04A_IIH150__T_Leakag	75 kRad	3	5.227	5.29025	5.351	8	0.052
41017__D04A_IIH150__T_Leakag	100 kRad	3	5.28	5.3368	5.388	8	0.042
41017__D04A_IIH150__T_Leakag	150 kRad	3	5.154	5.2972	5.379	8	0.088

Units mA



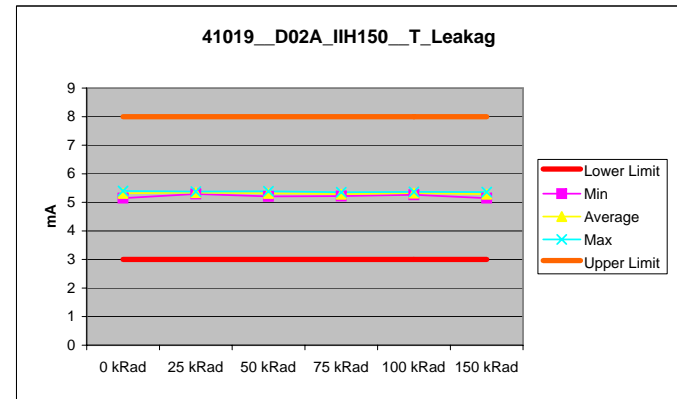
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41018__D03A_IIH150__T_Leakag	0 kRad	3	5.13	5.298979	5.385	8	0.065
41018__D03A_IIH150__T_Leakag	25 kRad	3	5.265	5.315	5.356	8	0.036
41018__D03A_IIH150__T_Leakag	50 kRad	3	5.182	5.2874	5.364	8	0.072
41018__D03A_IIH150__T_Leakag	75 kRad	3	5.181	5.256	5.328	8	0.063
41018__D03A_IIH150__T_Leakag	100 kRad	3	5.249	5.3088	5.353	8	0.043
41018__D03A_IIH150__T_Leakag	150 kRad	3	5.125	5.2682	5.336	8	0.087

Units mA



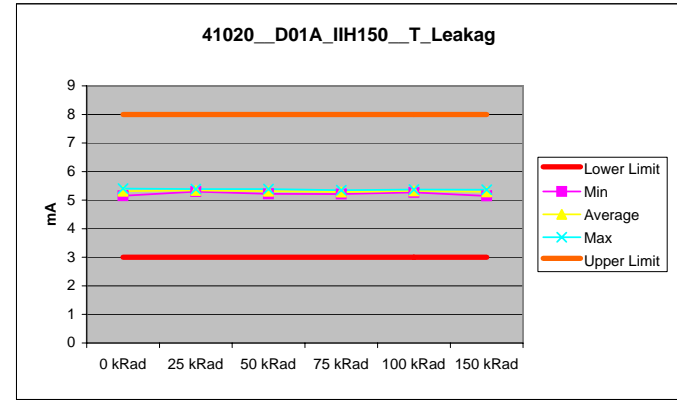
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41019__D02A_IIH150__T_Leakag	0 kRad	3	5.148	5.313292	5.4	8	0.064
41019__D02A_IIH150__T_Leakag	25 kRad	3	5.293	5.3408	5.378	8	0.034
41019__D02A_IIH150__T_Leakag	50 kRad	3	5.208	5.3148	5.388	8	0.074
41019__D02A_IIH150__T_Leakag	75 kRad	3	5.219	5.285	5.352	8	0.056
41019__D02A_IIH150__T_Leakag	100 kRad	3	5.265	5.324	5.367	8	0.045
41019__D02A_IIH150__T_Leakag	150 kRad	3	5.146	5.2878	5.358	8	0.087

Units mA



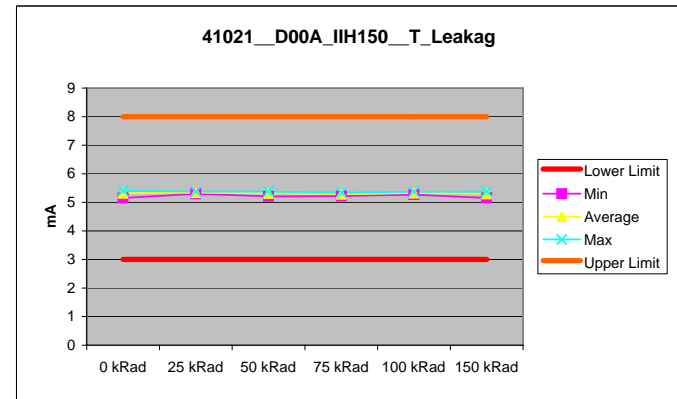
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41020__D01A_IIH150__T_Leakag	0 kRad	3	5.154	5.317333	5.407	8	0.064
41020__D01A_IIH150__T_Leakag	25 kRad	3	5.3	5.344	5.385	8	0.032
41020__D01A_IIH150__T_Leakag	50 kRad	3	5.218	5.315	5.386	8	0.067
41020__D01A_IIH150__T_Leakag	75 kRad	3	5.216	5.28675	5.349	8	0.057
41020__D01A_IIH150__T_Leakag	100 kRad	3	5.269	5.328	5.373	8	0.045
41020__D01A_IIH150__T_Leakag	150 kRad	3	5.145	5.293	5.368	8	0.092

Units mA



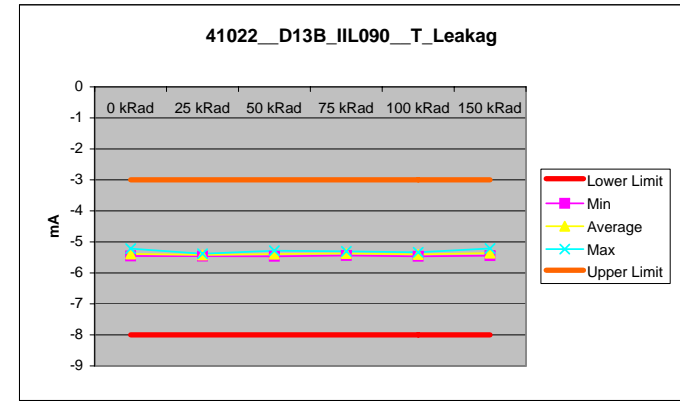
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41021__D00A_IIH150__T_Leakag	0 kRad	3	5.152	5.31825	5.404	8	0.063
41021__D00A_IIH150__T_Leakag	25 kRad	3	5.3	5.3434	5.379	8	0.031
41021__D00A_IIH150__T_Leakag	50 kRad	3	5.21	5.3144	5.377	8	0.069
41021__D00A_IIH150__T_Leakag	75 kRad	3	5.222	5.286	5.342	8	0.054
41021__D00A_IIH150__T_Leakag	100 kRad	3	5.271	5.3288	5.372	8	0.044
41021__D00A_IIH150__T_Leakag	150 kRad	3	5.152	5.3	5.377	8	0.091

Units mA



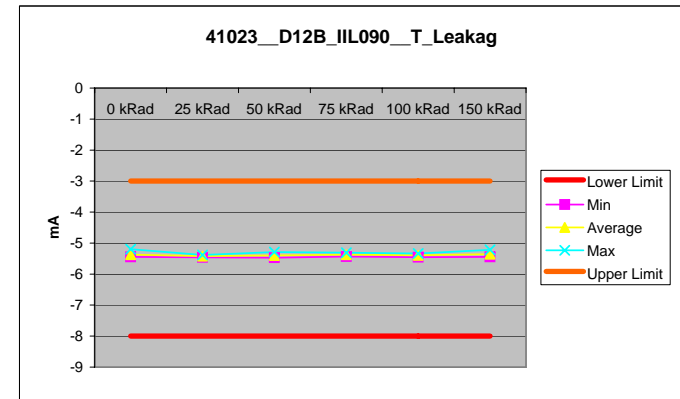
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41022__D13B_IIL090__T_Leakag	0 kRad	-8	-5.456	-5.38879	-5.219	-3	0.065
41022__D13B_IIL090__T_Leakag	25 kRad	-8	-5.461	-5.4192	-5.38	-3	0.034
41022__D13B_IIL090__T_Leakag	50 kRad	-8	-5.466	-5.3938	-5.284	-3	0.074
41022__D13B_IIL090__T_Leakag	75 kRad	-8	-5.439	-5.3705	-5.304	-3	0.057
41022__D13B_IIL090__T_Leakag	100 kRad	-8	-5.463	-5.4018	-5.338	-3	0.05
41022__D13B_IIL090__T_Leakag	150 kRad	-8	-5.443	-5.3614	-5.211	-3	0.094

Units mA



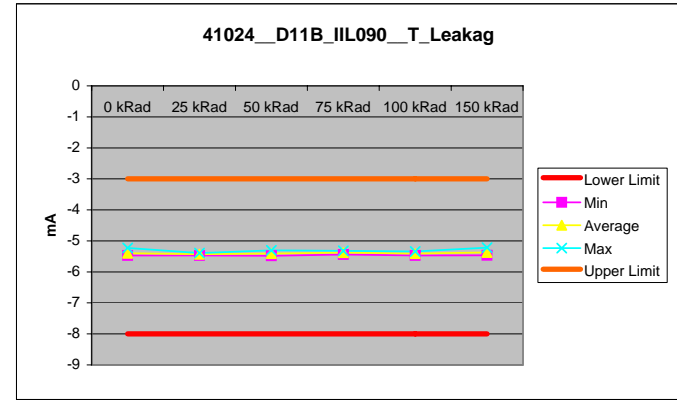
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41023__D12B_IIL090__T_Leakag	0 kRad	-8	-5.444	-5.37065	-5.196	-3	0.066
41023__D12B_IIL090__T_Leakag	25 kRad	-8	-5.458	-5.4182	-5.384	-3	0.033
41023__D12B_IIL090__T_Leakag	50 kRad	-8	-5.471	-5.3974	-5.291	-3	0.073
41023__D12B_IIL090__T_Leakag	75 kRad	-8	-5.433	-5.37075	-5.308	-3	0.053
41023__D12B_IIL090__T_Leakag	100 kRad	-8	-5.456	-5.3936	-5.335	-3	0.046
41023__D12B_IIL090__T_Leakag	150 kRad	-8	-5.443	-5.3586	-5.215	-3	0.092

Units mA



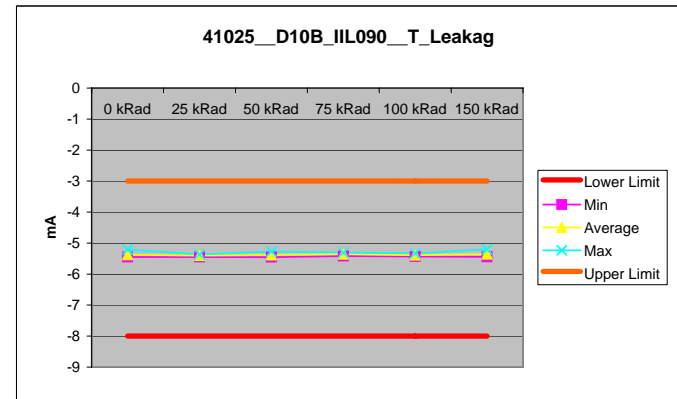
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41024__D11B_IIL090__T_Leakag	0 kRad	-8	-5.471	-5.39994	-5.227	-3	0.065
41024__D11B_IIL090__T_Leakag	25 kRad	-8	-5.472	-5.4308	-5.393	-3	0.036
41024__D11B_IIL090__T_Leakag	50 kRad	-8	-5.479	-5.4082	-5.305	-3	0.068
41024__D11B_IIL090__T_Leakag	75 kRad	-8	-5.438	-5.376	-5.323	-3	0.049
41024__D11B_IIL090__T_Leakag	100 kRad	-8	-5.468	-5.407	-5.343	-3	0.049
41024__D11B_IIL090__T_Leakag	150 kRad	-8	-5.466	-5.3734	-5.216	-3	0.098

Units mA



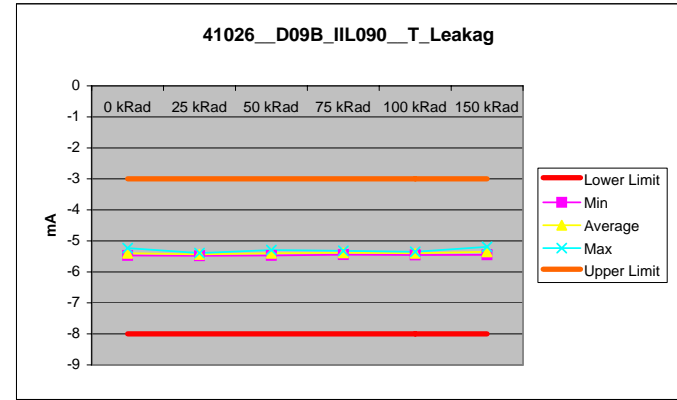
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41025__D10B_IIL090__T_Leakag	0 kRad	-8	-5.449	-5.37898	-5.209	-3	0.065
41025__D10B_IIL090__T_Leakag	25 kRad	-8	-5.45	-5.4048	-5.365	-3	0.037
41025__D10B_IIL090__T_Leakag	50 kRad	-8	-5.454	-5.3828	-5.274	-3	0.072
41025__D10B_IIL090__T_Leakag	75 kRad	-8	-5.419	-5.35825	-5.307	-3	0.048
41025__D10B_IIL090__T_Leakag	100 kRad	-8	-5.434	-5.3888	-5.331	-3	0.042
41025__D10B_IIL090__T_Leakag	150 kRad	-8	-5.442	-5.3552	-5.201	-3	0.095

Units mA



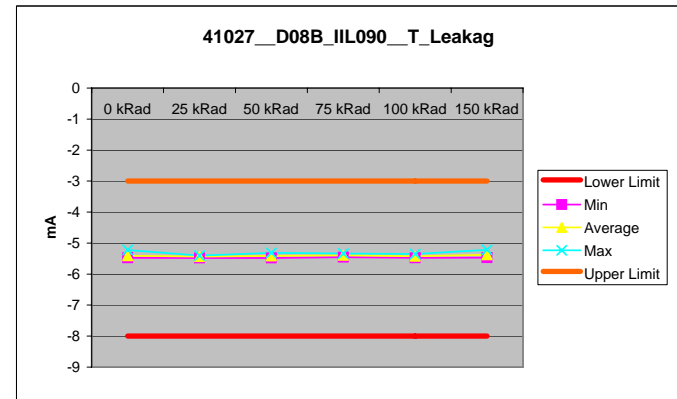
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41026__D09B_IIL090__T_Leakag	0 kRad	-8	-5.472	-5.39808	-5.231	-3	0.065
41026__D09B_IIL090__T_Leakag	25 kRad	-8	-5.479	-5.4326	-5.393	-3	0.039
41026__D09B_IIL090__T_Leakag	50 kRad	-8	-5.471	-5.3996	-5.293	-3	0.069
41026__D09B_IIL090__T_Leakag	75 kRad	-8	-5.446	-5.381	-5.323	-3	0.053
41026__D09B_IIL090__T_Leakag	100 kRad	-8	-5.453	-5.3994	-5.349	-3	0.047
41026__D09B_IIL090__T_Leakag	150 kRad	-8	-5.452	-5.3512	-5.192	-3	0.103

Units mA



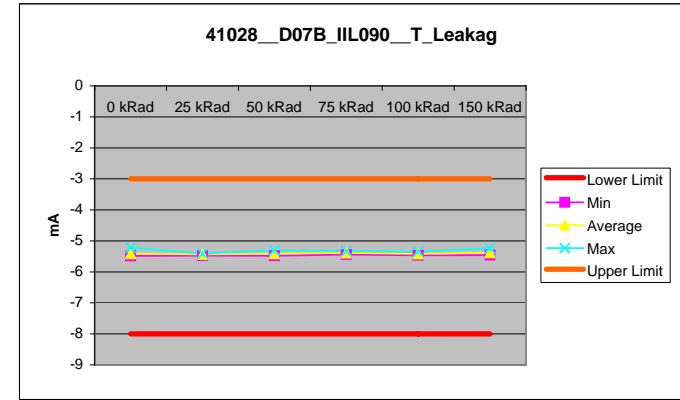
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41027__D08B_IIL090__T_Leakag	0 kRad	-8	-5.476	-5.40617	-5.224	-3	0.068
41027__D08B_IIL090__T_Leakag	25 kRad	-8	-5.481	-5.4344	-5.401	-3	0.031
41027__D08B_IIL090__T_Leakag	50 kRad	-8	-5.482	-5.4122	-5.314	-3	0.069
41027__D08B_IIL090__T_Leakag	75 kRad	-8	-5.457	-5.3905	-5.337	-3	0.05
41027__D08B_IIL090__T_Leakag	100 kRad	-8	-5.474	-5.4216	-5.353	-3	0.05
41027__D08B_IIL090__T_Leakag	150 kRad	-8	-5.47	-5.3764	-5.219	-3	0.097

Units mA



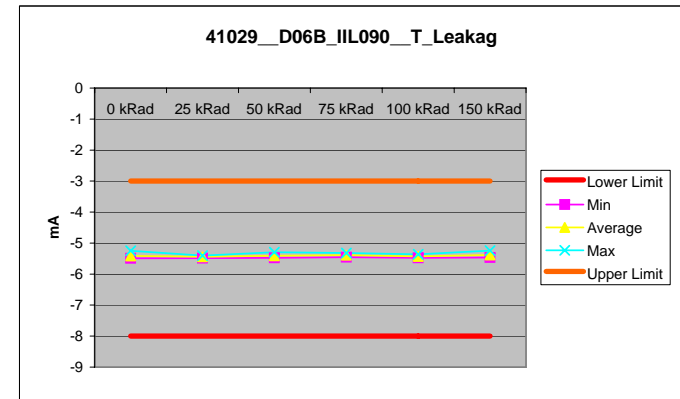
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41028__D07B_IIL090__T_Leakag	0 kRad	-8	-5.488	-5.41117	-5.22	-3	0.066
41028__D07B_IIL090__T_Leakag	25 kRad	-8	-5.476	-5.435	-5.408	-3	0.03
41028__D07B_IIL090__T_Leakag	50 kRad	-8	-5.483	-5.4142	-5.307	-3	0.073
41028__D07B_IIL090__T_Leakag	75 kRad	-8	-5.437	-5.388	-5.33	-3	0.046
41028__D07B_IIL090__T_Leakag	100 kRad	-8	-5.464	-5.4176	-5.348	-3	0.049
41028__D07B_IIL090__T_Leakag	150 kRad	-8	-5.462	-5.3824	-5.242	-3	0.088

Units mA



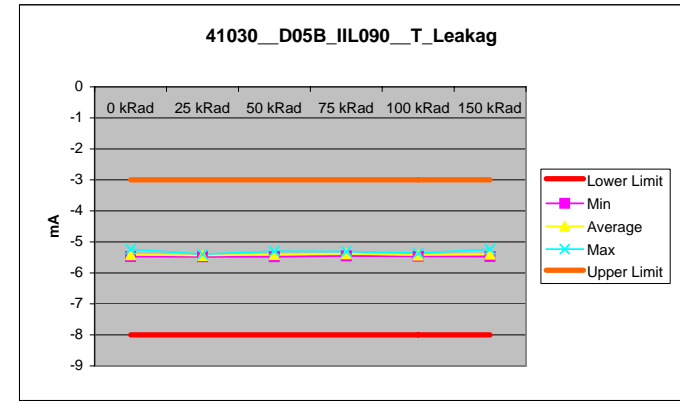
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41029__D06B_IIL090__T_Leakag	0 kRad	-8	-5.493	-5.41215	-5.246	-3	0.065
41029__D06B_IIL090__T_Leakag	25 kRad	-8	-5.488	-5.439	-5.402	-3	0.036
41029__D06B_IIL090__T_Leakag	50 kRad	-8	-5.477	-5.4102	-5.297	-3	0.072
41029__D06B_IIL090__T_Leakag	75 kRad	-8	-5.456	-5.38525	-5.318	-3	0.059
41029__D06B_IIL090__T_Leakag	100 kRad	-8	-5.475	-5.43	-5.362	-3	0.045
41029__D06B_IIL090__T_Leakag	150 kRad	-8	-5.467	-5.384	-5.243	-3	0.092

Units mA



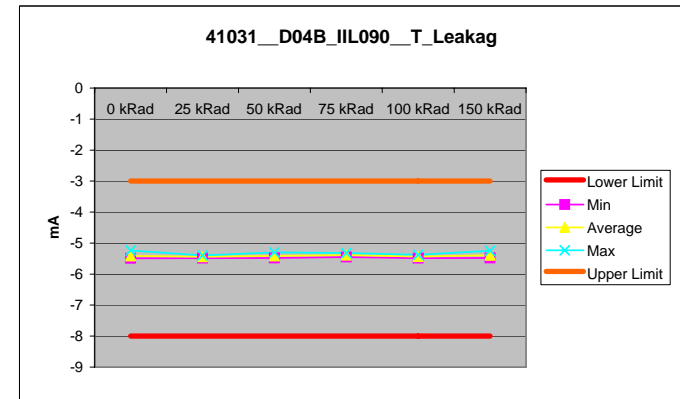
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41030__D05B_IIL090__T_Leakag	0 kRad	-8	-5.476	-5.4109	-5.236	-3	0.066
41030__D05B_IIL090__T_Leakag	25 kRad	-8	-5.483	-5.4382	-5.396	-3	0.034
41030__D05B_IIL090__T_Leakag	50 kRad	-8	-5.479	-5.409	-5.298	-3	0.074
41030__D05B_IIL090__T_Leakag	75 kRad	-8	-5.455	-5.385	-5.311	-3	0.061
41030__D05B_IIL090__T_Leakag	100 kRad	-8	-5.467	-5.4238	-5.362	-3	0.041
41030__D05B_IIL090__T_Leakag	150 kRad	-8	-5.474	-5.3912	-5.238	-3	0.096

Units mA



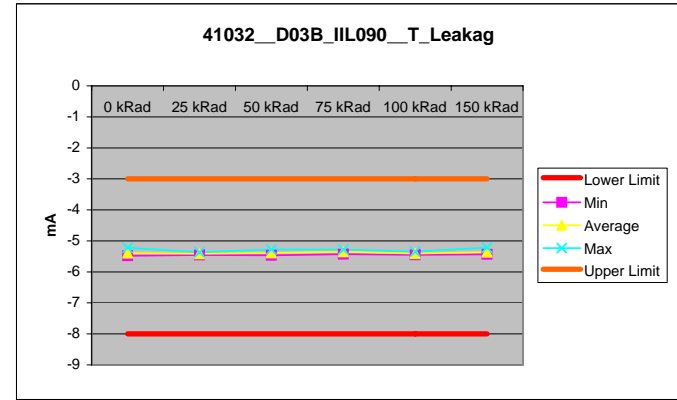
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41031__D04B_IIL090__T_Leakag	0 kRad	-8	-5.492	-5.41546	-5.237	-3	0.065
41031__D04B_IIL090__T_Leakag	25 kRad	-8	-5.486	-5.439	-5.399	-3	0.035
41031__D04B_IIL090__T_Leakag	50 kRad	-8	-5.483	-5.413	-5.302	-3	0.073
41031__D04B_IIL090__T_Leakag	75 kRad	-8	-5.45	-5.388	-5.323	-3	0.054
41031__D04B_IIL090__T_Leakag	100 kRad	-8	-5.487	-5.4342	-5.376	-3	0.043
41031__D04B_IIL090__T_Leakag	150 kRad	-8	-5.478	-5.3948	-5.249	-3	0.09

Units mA



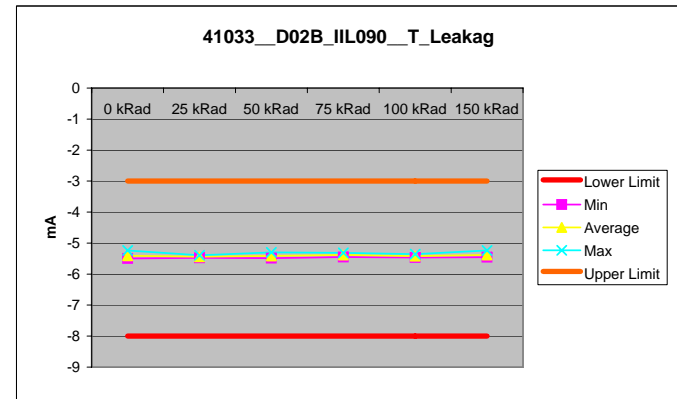
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41032__D03B_IIL090__T_Leakag	0 kRad	-8	-5.483	-5.39525	-5.223	-3	0.066
41032__D03B_IIL090__T_Leakag	25 kRad	-8	-5.456	-5.4148	-5.368	-3	0.037
41032__D03B_IIL090__T_Leakag	50 kRad	-8	-5.463	-5.3858	-5.279	-3	0.073
41032__D03B_IIL090__T_Leakag	75 kRad	-8	-5.43	-5.354	-5.278	-3	0.065
41032__D03B_IIL090__T_Leakag	100 kRad	-8	-5.452	-5.4088	-5.346	-3	0.044
41032__D03B_IIL090__T_Leakag	150 kRad	-8	-5.433	-5.3638	-5.217	-3	0.09

Units mA



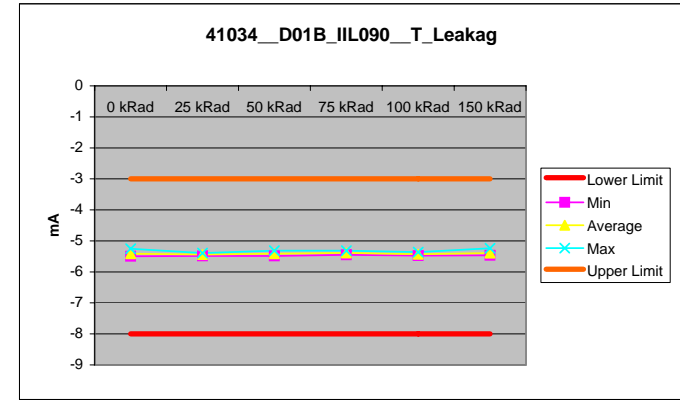
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41033__D02B_IIL090__T_Leakag	0 kRad	-8	-5.497	-5.40815	-5.24	-3	0.065
41033__D02B_IIL090__T_Leakag	25 kRad	-8	-5.474	-5.4368	-5.394	-3	0.033
41033__D02B_IIL090__T_Leakag	50 kRad	-8	-5.484	-5.4112	-5.301	-3	0.075
41033__D02B_IIL090__T_Leakag	75 kRad	-8	-5.45	-5.38125	-5.313	-3	0.059
41033__D02B_IIL090__T_Leakag	100 kRad	-8	-5.465	-5.4206	-5.359	-3	0.046
41033__D02B_IIL090__T_Leakag	150 kRad	-8	-5.457	-5.383	-5.238	-3	0.089

Units mA



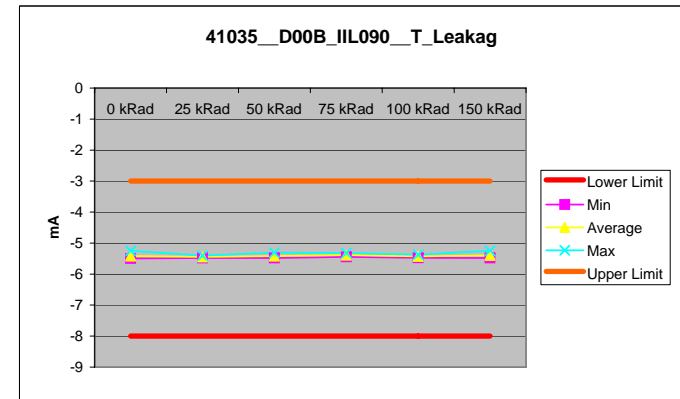
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41034__D01B_IIL090__T_Leakag	0 kRad	-8	-5.497	-5.41535	-5.253	-3	0.065
41034__D01B_IIL090__T_Leakag	25 kRad	-8	-5.486	-5.4412	-5.393	-3	0.036
41034__D01B_IIL090__T_Leakag	50 kRad	-8	-5.487	-5.415	-5.315	-3	0.069
41034__D01B_IIL090__T_Leakag	75 kRad	-8	-5.449	-5.38625	-5.314	-3	0.058
41034__D01B_IIL090__T_Leakag	100 kRad	-8	-5.473	-5.4274	-5.363	-3	0.047
41034__D01B_IIL090__T_Leakag	150 kRad	-8	-5.467	-5.3912	-5.239	-3	0.095

Units mA



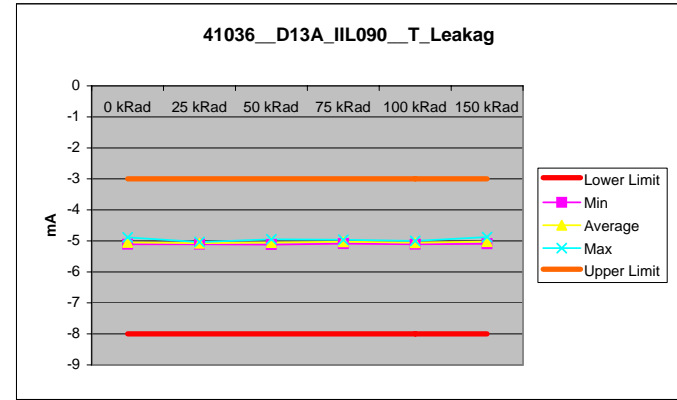
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41035__D00B_IIL090__T_Leakag	0 kRad	-8	-5.498	-5.4179	-5.25	-3	0.064
41035__D00B_IIL090__T_Leakag	25 kRad	-8	-5.481	-5.4448	-5.403	-3	0.031
41035__D00B_IIL090__T_Leakag	50 kRad	-8	-5.48	-5.4164	-5.31	-3	0.07
41035__D00B_IIL090__T_Leakag	75 kRad	-8	-5.443	-5.3865	-5.321	-3	0.055
41035__D00B_IIL090__T_Leakag	100 kRad	-8	-5.474	-5.4306	-5.371	-3	0.044
41035__D00B_IIL090__T_Leakag	150 kRad	-8	-5.48	-5.4004	-5.248	-3	0.094

Units mA



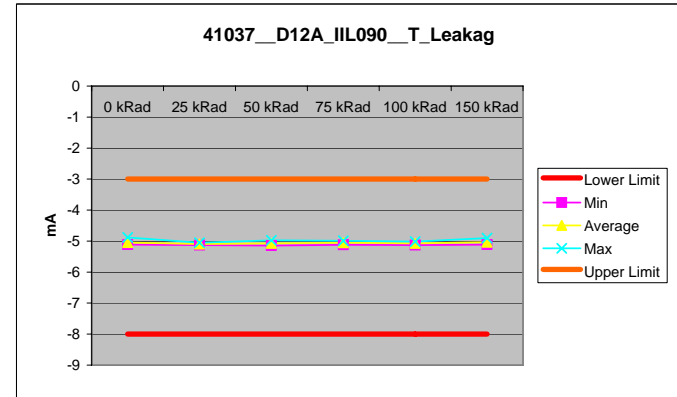
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41036__D13A_IIL090__T_Leakag	0 kRad	-8	-5.11	-5.04554	-4.888	-3	0.061
41036__D13A_IIL090__T_Leakag	25 kRad	-8	-5.109	-5.0724	-5.036	-3	0.03
41036__D13A_IIL090__T_Leakag	50 kRad	-8	-5.121	-5.0498	-4.948	-3	0.071
41036__D13A_IIL090__T_Leakag	75 kRad	-8	-5.088	-5.0265	-4.967	-3	0.051
41036__D13A_IIL090__T_Leakag	100 kRad	-8	-5.11	-5.057	-5	-3	0.045
41036__D13A_IIL090__T_Leakag	150 kRad	-8	-5.095	-5.021	-4.879	-3	0.088

Units mA



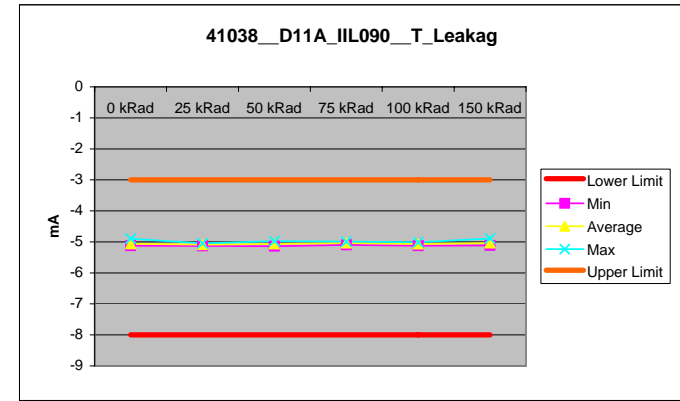
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41037__D12A_IIL090__T_Leakag	0 kRad	-8	-5.115	-5.04775	-4.882	-3	0.061
41037__D12A_IIL090__T_Leakag	25 kRad	-8	-5.131	-5.0928	-5.054	-3	0.03
41037__D12A_IIL090__T_Leakag	50 kRad	-8	-5.144	-5.0726	-4.973	-3	0.07
41037__D12A_IIL090__T_Leakag	75 kRad	-8	-5.118	-5.0535	-4.988	-3	0.056
41037__D12A_IIL090__T_Leakag	100 kRad	-8	-5.13	-5.0714	-5.017	-3	0.043
41037__D12A_IIL090__T_Leakag	150 kRad	-8	-5.113	-5.0392	-4.901	-3	0.085

Units mA



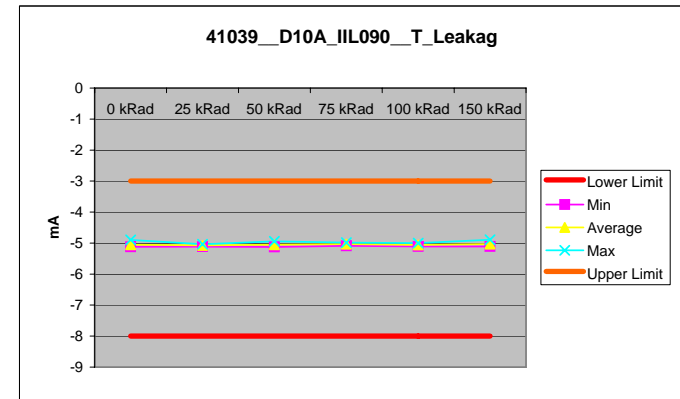
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41038__D11A_IIL090__T_Leakag	0 kRad	-8	-5.125	-5.06079	-4.897	-3	0.061
41038__D11A_IIL090__T_Leakag	25 kRad	-8	-5.129	-5.0868	-5.048	-3	0.034
41038__D11A_IIL090__T_Leakag	50 kRad	-8	-5.139	-5.0692	-4.976	-3	0.064
41038__D11A_IIL090__T_Leakag	75 kRad	-8	-5.097	-5.03925	-4.988	-3	0.046
41038__D11A_IIL090__T_Leakag	100 kRad	-8	-5.124	-5.0662	-5.009	-3	0.045
41038__D11A_IIL090__T_Leakag	150 kRad	-8	-5.114	-5.0372	-4.893	-3	0.087

Units mA



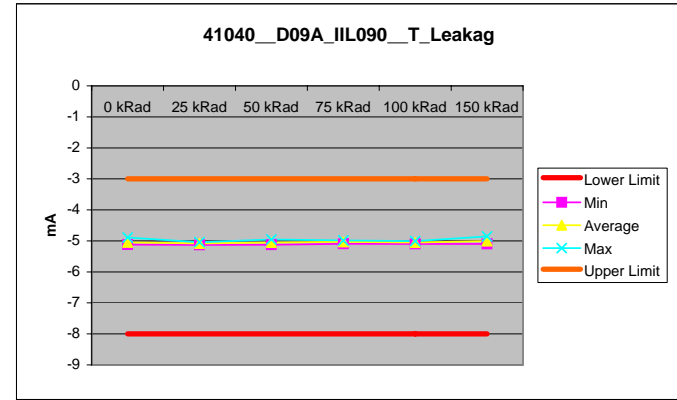
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41039__D10A_IIL090__T_Leakag	0 kRad	-8	-5.12	-5.05215	-4.895	-3	0.061
41039__D10A_IIL090__T_Leakag	25 kRad	-8	-5.116	-5.0754	-5.035	-3	0.034
41039__D10A_IIL090__T_Leakag	50 kRad	-8	-5.123	-5.052	-4.945	-3	0.072
41039__D10A_IIL090__T_Leakag	75 kRad	-8	-5.086	-5.03075	-4.985	-3	0.043
41039__D10A_IIL090__T_Leakag	100 kRad	-8	-5.109	-5.0598	-5.001	-3	0.043
41039__D10A_IIL090__T_Leakag	150 kRad	-8	-5.108	-5.0318	-4.891	-3	0.086

Units mA



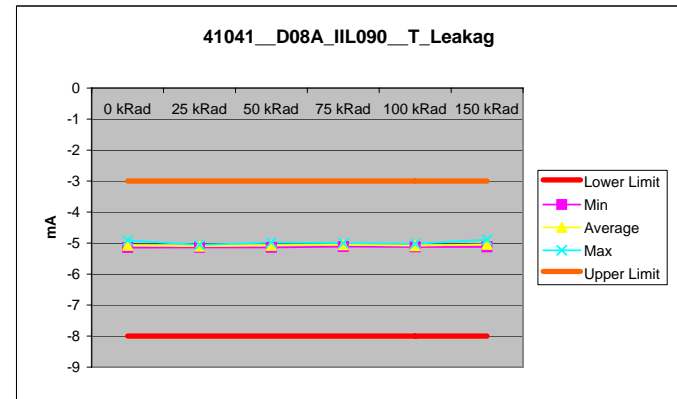
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41040__D09A_IIL090__T_Leakag	0 kRad	-8	-5.12	-5.04929	-4.894	-3	0.061
41040__D09A_IIL090__T_Leakag	25 kRad	-8	-5.129	-5.0838	-5.044	-3	0.035
41040__D09A_IIL090__T_Leakag	50 kRad	-8	-5.124	-5.0528	-4.953	-3	0.067
41040__D09A_IIL090__T_Leakag	75 kRad	-8	-5.091	-5.0335	-4.986	-3	0.046
41040__D09A_IIL090__T_Leakag	100 kRad	-8	-5.1	-5.0518	-5.005	-3	0.044
41040__D09A_IIL090__T_Leakag	150 kRad	-8	-5.097	-5.0052	-4.857	-3	0.096

Units mA



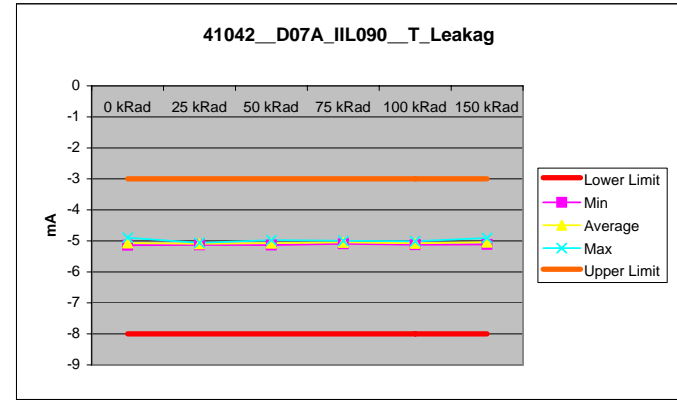
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41041__D08A_IIL090__T_Leakag	0 kRad	-8	-5.146	-5.07506	-4.913	-3	0.062
41041__D08A_IIL090__T_Leakag	25 kRad	-8	-5.139	-5.0966	-5.059	-3	0.03
41041__D08A_IIL090__T_Leakag	50 kRad	-8	-5.138	-5.0726	-4.978	-3	0.067
41041__D08A_IIL090__T_Leakag	75 kRad	-8	-5.113	-5.0515	-5.003	-3	0.046
41041__D08A_IIL090__T_Leakag	100 kRad	-8	-5.127	-5.0806	-5.019	-3	0.044
41041__D08A_IIL090__T_Leakag	150 kRad	-8	-5.126	-5.042	-4.893	-3	0.09

Units mA



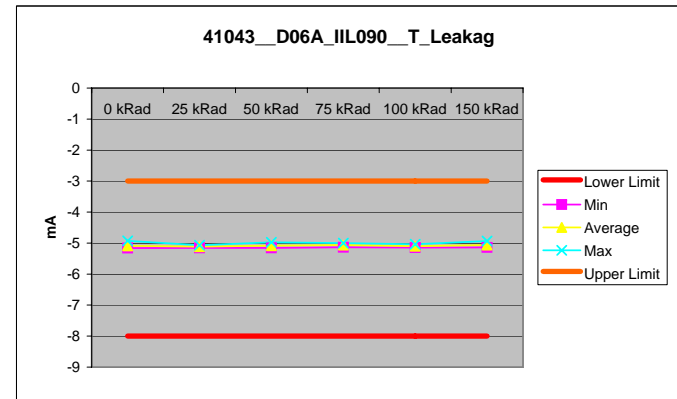
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41042__D07A_IIL090__T_Leakag	0 kRad	-8	-5.141	-5.06871	-4.898	-3	0.061
41042__D07A_IIL090__T_Leakag	25 kRad	-8	-5.129	-5.0914	-5.06	-3	0.027
41042__D07A_IIL090__T_Leakag	50 kRad	-8	-5.135	-5.0712	-4.974	-3	0.067
41042__D07A_IIL090__T_Leakag	75 kRad	-8	-5.095	-5.04675	-4.995	-3	0.042
41042__D07A_IIL090__T_Leakag	100 kRad	-8	-5.122	-5.0756	-5.012	-3	0.045
41042__D07A_IIL090__T_Leakag	150 kRad	-8	-5.115	-5.0416	-4.909	-3	0.082

Units mA



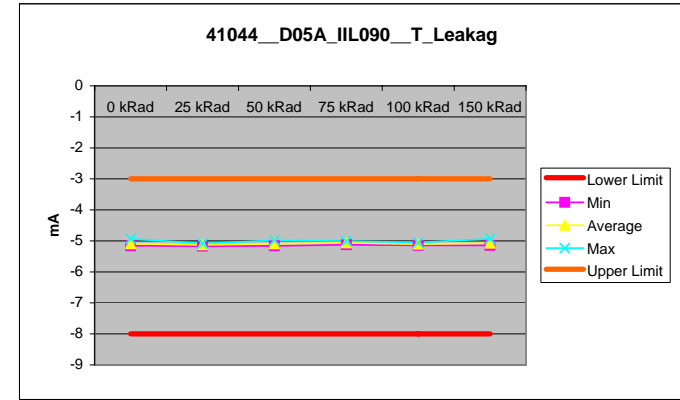
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41043__D06A_IIL090__T_Leakag	0 kRad	-8	-5.162	-5.08623	-4.929	-3	0.061
41043__D06A_IIL090__T_Leakag	25 kRad	-8	-5.154	-5.1118	-5.07	-3	0.034
41043__D06A_IIL090__T_Leakag	50 kRad	-8	-5.155	-5.0852	-4.975	-3	0.073
41043__D06A_IIL090__T_Leakag	75 kRad	-8	-5.134	-5.06175	-5	-3	0.058
41043__D06A_IIL090__T_Leakag	100 kRad	-8	-5.145	-5.1006	-5.039	-3	0.041
41043__D06A_IIL090__T_Leakag	150 kRad	-8	-5.14	-5.0634	-4.932	-3	0.085

Units mA



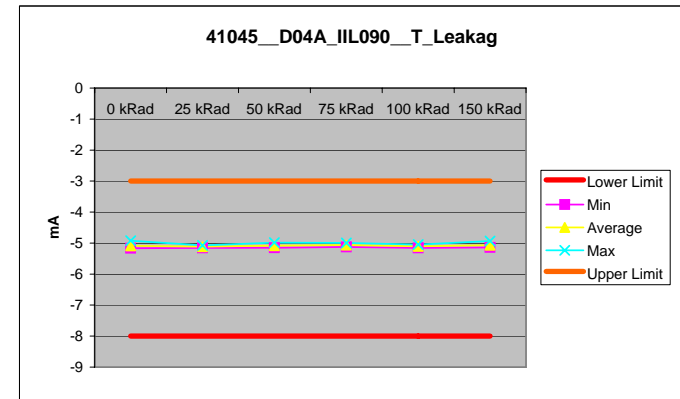
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41044__D05A_IIL090__T_Leakag	0 kRad	-8	-5.157	-5.09229	-4.932	-3	0.061
41044__D05A_IIL090__T_Leakag	25 kRad	-8	-5.169	-5.1236	-5.085	-3	0.033
41044__D05A_IIL090__T_Leakag	50 kRad	-8	-5.162	-5.0922	-4.986	-3	0.07
41044__D05A_IIL090__T_Leakag	75 kRad	-8	-5.126	-5.0625	-5.004	-3	0.05
41044__D05A_IIL090__T_Leakag	100 kRad	-8	-5.145	-5.1042	-5.053	-3	0.038
41044__D05A_IIL090__T_Leakag	150 kRad	-8	-5.146	-5.0742	-4.933	-3	0.086

Units mA



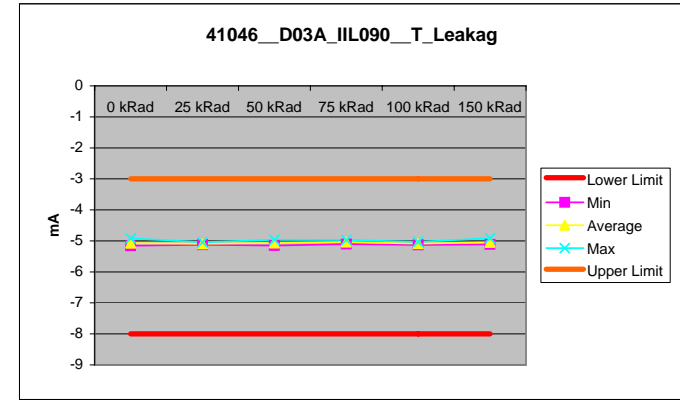
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41045__D04A_IIL090__T_Leakag	0 kRad	-8	-5.164	-5.08821	-4.925	-3	0.061
41045__D04A_IIL090__T_Leakag	25 kRad	-8	-5.154	-5.1136	-5.071	-3	0.033
41045__D04A_IIL090__T_Leakag	50 kRad	-8	-5.148	-5.082	-4.985	-3	0.068
41045__D04A_IIL090__T_Leakag	75 kRad	-8	-5.127	-5.0605	-4.993	-3	0.056
41045__D04A_IIL090__T_Leakag	100 kRad	-8	-5.155	-5.1044	-5.046	-3	0.043
41045__D04A_IIL090__T_Leakag	150 kRad	-8	-5.14	-5.0672	-4.932	-3	0.082

Units mA



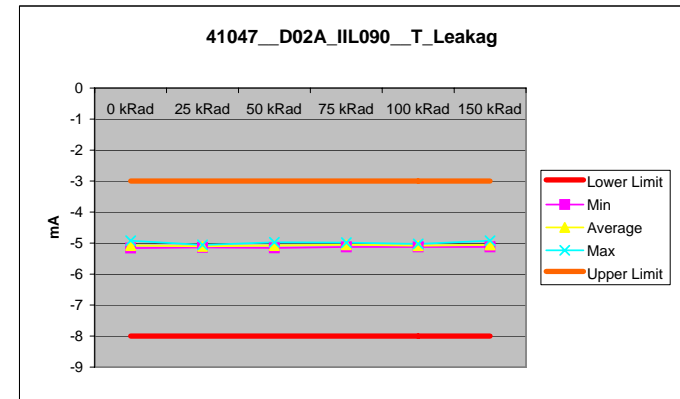
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41046__D03A_IIL090__T_Leakag	0 kRad	-8	-5.156	-5.07271	-4.918	-3	0.061
41046__D03A_IIL090__T_Leakag	25 kRad	-8	-5.125	-5.0926	-5.043	-3	0.034
41046__D03A_IIL090__T_Leakag	50 kRad	-8	-5.149	-5.069	-4.962	-3	0.073
41046__D03A_IIL090__T_Leakag	75 kRad	-8	-5.102	-5.03725	-4.97	-3	0.056
41046__D03A_IIL090__T_Leakag	100 kRad	-8	-5.132	-5.0884	-5.029	-3	0.044
41046__D03A_IIL090__T_Leakag	150 kRad	-8	-5.115	-5.0494	-4.912	-3	0.083

Units mA



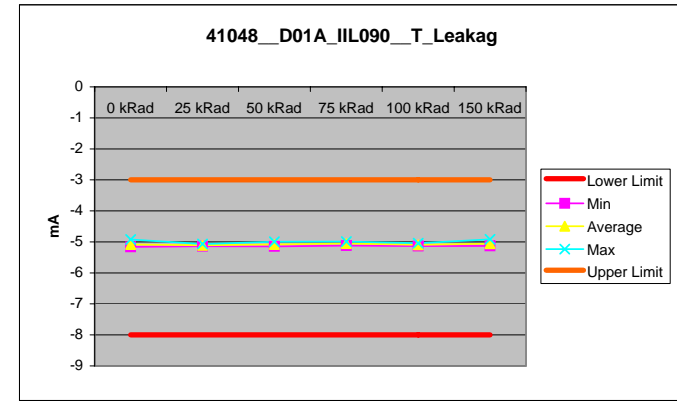
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41047__D02A_IIL090__T_Leakag	0 kRad	-8	-5.163	-5.0784	-4.921	-3	0.06
41047__D02A_IIL090__T_Leakag	25 kRad	-8	-5.141	-5.106	-5.055	-3	0.035
41047__D02A_IIL090__T_Leakag	50 kRad	-8	-5.154	-5.0792	-4.975	-3	0.074
41047__D02A_IIL090__T_Leakag	75 kRad	-8	-5.123	-5.05075	-4.985	-3	0.059
41047__D02A_IIL090__T_Leakag	100 kRad	-8	-5.126	-5.0854	-5.027	-3	0.043
41047__D02A_IIL090__T_Leakag	150 kRad	-8	-5.122	-5.057	-4.923	-3	0.083

Units mA



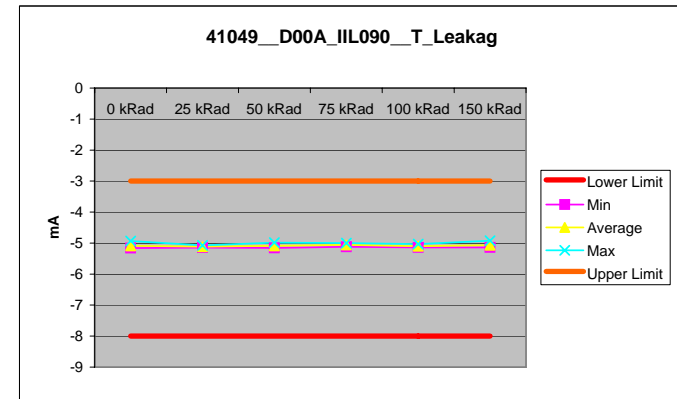
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41048__D01A_IIL090__T_Leakag	0 kRad	-8	-5.163	-5.0831	-4.923	-3	0.061
41048__D01A_IIL090__T_Leakag	25 kRad	-8	-5.14	-5.109	-5.067	-3	0.029
41048__D01A_IIL090__T_Leakag	50 kRad	-8	-5.145	-5.0812	-4.993	-3	0.064
41048__D01A_IIL090__T_Leakag	75 kRad	-8	-5.119	-5.05375	-4.991	-3	0.053
41048__D01A_IIL090__T_Leakag	100 kRad	-8	-5.135	-5.0946	-5.042	-3	0.042
41048__D01A_IIL090__T_Leakag	150 kRad	-8	-5.129	-5.0594	-4.92	-3	0.085

Units mA



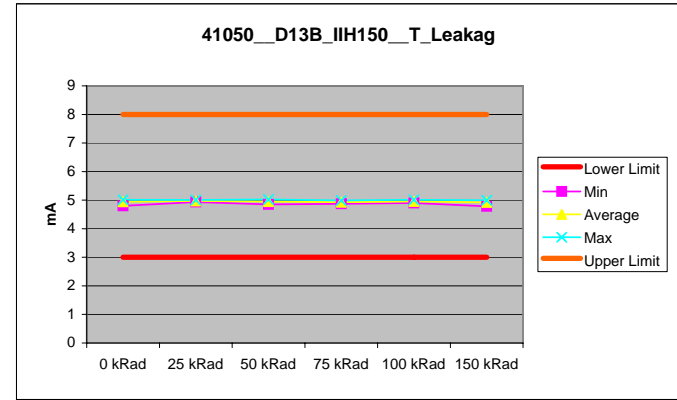
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41049__D00A_IIL090__T_Leakag	0 kRad	-8	-5.158	-5.08775	-4.933	-3	0.06
41049__D00A_IIL090__T_Leakag	25 kRad	-8	-5.147	-5.1132	-5.074	-3	0.028
41049__D00A_IIL090__T_Leakag	50 kRad	-8	-5.155	-5.0866	-4.984	-3	0.07
41049__D00A_IIL090__T_Leakag	75 kRad	-8	-5.119	-5.059	-4.998	-3	0.051
41049__D00A_IIL090__T_Leakag	100 kRad	-8	-5.14	-5.0966	-5.032	-3	0.045
41049__D00A_IIL090__T_Leakag	150 kRad	-8	-5.141	-5.0652	-4.921	-3	0.087

Units mA



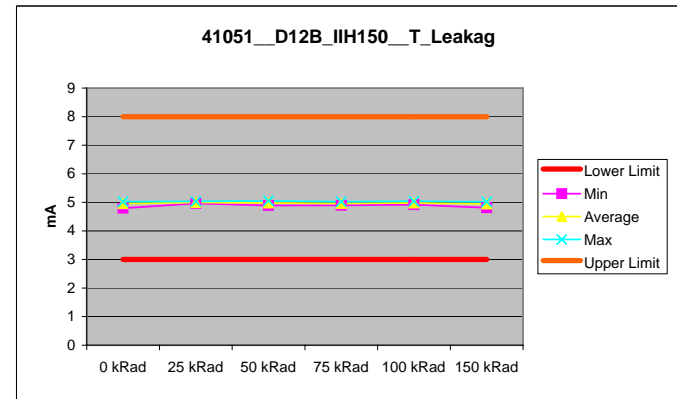
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41050__D13B_IH150__T_Leakag	0 kRad	3	4.797	4.946667	5.01	8	0.059
41050__D13B_IH150__T_Leakag	25 kRad	3	4.936	4.9724	5.008	8	0.029
41050__D13B_IH150__T_Leakag	50 kRad	3	4.851	4.95	5.021	8	0.07
41050__D13B_IH150__T_Leakag	75 kRad	3	4.87	4.92775	4.988	8	0.05
41050__D13B_IH150__T_Leakag	100 kRad	3	4.9	4.9564	5.011	8	0.045
41050__D13B_IH150__T_Leakag	150 kRad	3	4.783	4.9216	4.994	8	0.086

Units mA



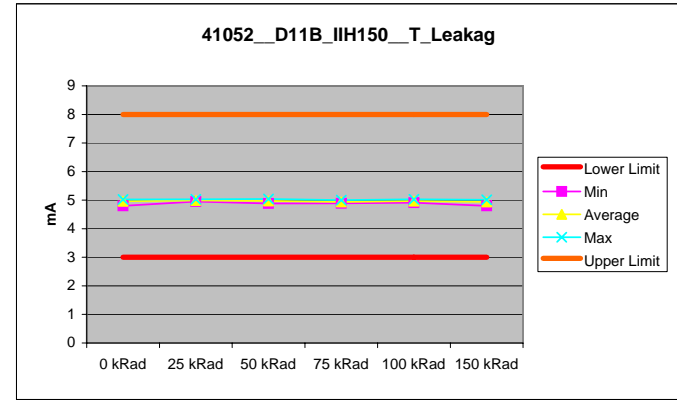
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41051__D12B_IH150__T_Leakag	0 kRad	3	4.794	4.954792	5.023	8	0.06
41051__D12B_IH150__T_Leakag	25 kRad	3	4.96	4.9982	5.037	8	0.032
41051__D12B_IH150__T_Leakag	50 kRad	3	4.887	4.9786	5.049	8	0.065
41051__D12B_IH150__T_Leakag	75 kRad	3	4.896	4.96	5.025	8	0.055
41051__D12B_IH150__T_Leakag	100 kRad	3	4.919	4.9766	5.041	8	0.046
41051__D12B_IH150__T_Leakag	150 kRad	3	4.811	4.9456	5.018	8	0.084

Units mA



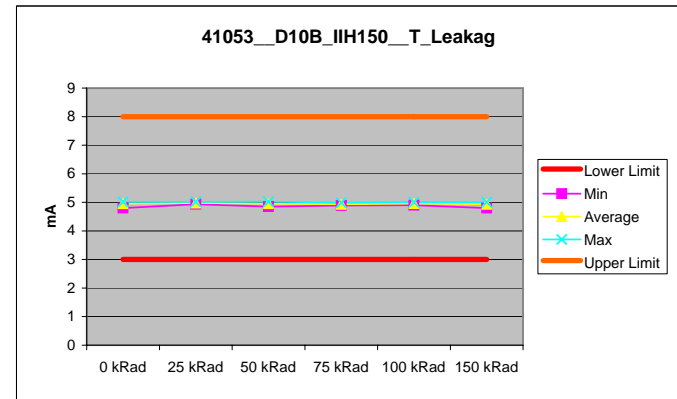
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41052__D11B_IIH150__T_Leakag	0 kRad	3	4.802	4.962667	5.026	8	0.06
41052__D11B_IIH150__T_Leakag	25 kRad	3	4.95	4.9886	5.03	8	0.034
41052__D11B_IIH150__T_Leakag	50 kRad	3	4.882	4.9708	5.04	8	0.061
41052__D11B_IIH150__T_Leakag	75 kRad	3	4.891	4.94175	5.001	8	0.046
41052__D11B_IIH150__T_Leakag	100 kRad	3	4.909	4.9684	5.027	8	0.046
41052__D11B_IIH150__T_Leakag	150 kRad	3	4.798	4.9398	5.013	8	0.086

Units mA



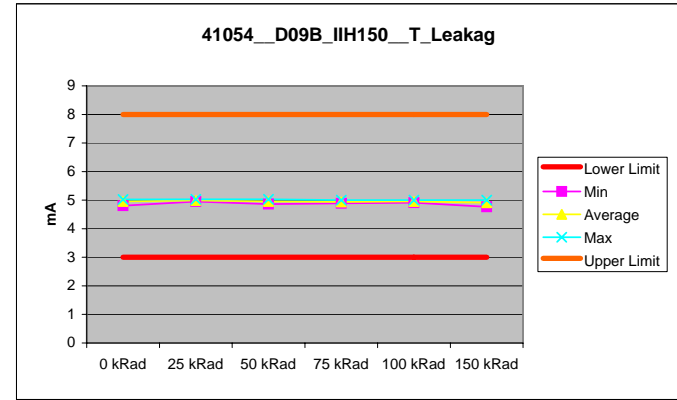
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41053__D10B_IIH150__T_Leakag	0 kRad	3	4.801	4.954458	5.02	8	0.059
41053__D10B_IIH150__T_Leakag	25 kRad	3	4.936	4.9772	5.017	8	0.033
41053__D10B_IIH150__T_Leakag	50 kRad	3	4.848	4.9544	5.023	8	0.071
41053__D10B_IIH150__T_Leakag	75 kRad	3	4.888	4.93375	4.988	8	0.042
41053__D10B_IIH150__T_Leakag	100 kRad	3	4.901	4.9612	5.009	8	0.043
41053__D10B_IIH150__T_Leakag	150 kRad	3	4.798	4.934	5.007	8	0.083

Units mA



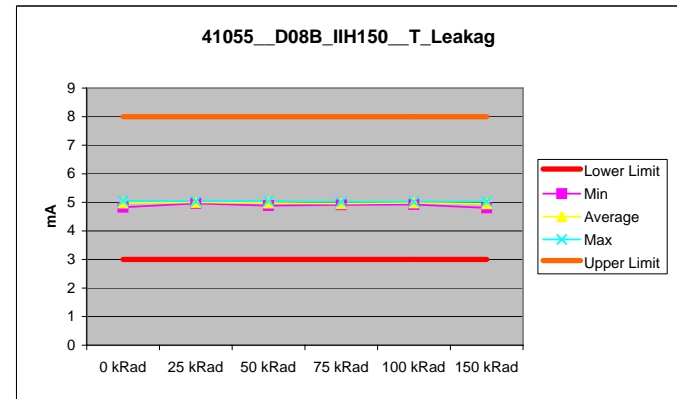
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41054__D09B_IH150__T_Leakag	0 kRad	3	4.807	4.955083	5.025	8	0.059
41054__D09B_IH150__T_Leakag	25 kRad	3	4.95	4.9878	5.028	8	0.034
41054__D09B_IH150__T_Leakag	50 kRad	3	4.863	4.9592	5.029	8	0.065
41054__D09B_IH150__T_Leakag	75 kRad	3	4.892	4.94175	5.004	8	0.049
41054__D09B_IH150__T_Leakag	100 kRad	3	4.912	4.9572	5.004	8	0.043
41054__D09B_IH150__T_Leakag	150 kRad	3	4.768	4.913	5.002	8	0.094

Units mA



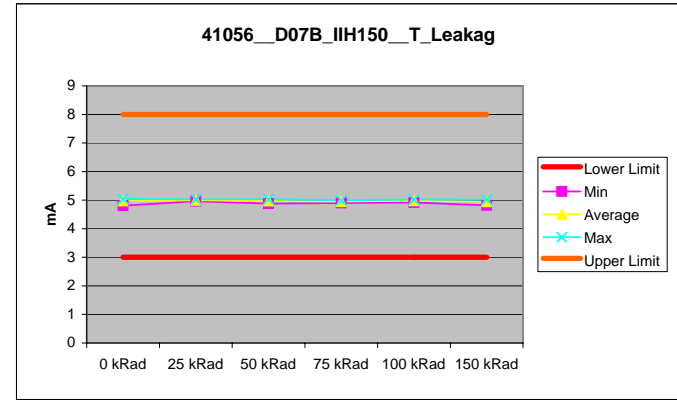
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41055__D08B_IH150__T_Leakag	0 kRad	3	4.826	4.980479	5.049	8	0.06
41055__D08B_IH150__T_Leakag	25 kRad	3	4.964	4.9996	5.043	8	0.029
41055__D08B_IH150__T_Leakag	50 kRad	3	4.882	4.9772	5.044	8	0.068
41055__D08B_IH150__T_Leakag	75 kRad	3	4.91	4.95775	5.018	8	0.045
41055__D08B_IH150__T_Leakag	100 kRad	3	4.925	4.9856	5.026	8	0.042
41055__D08B_IH150__T_Leakag	150 kRad	3	4.804	4.9482	5.029	8	0.087

Units mA



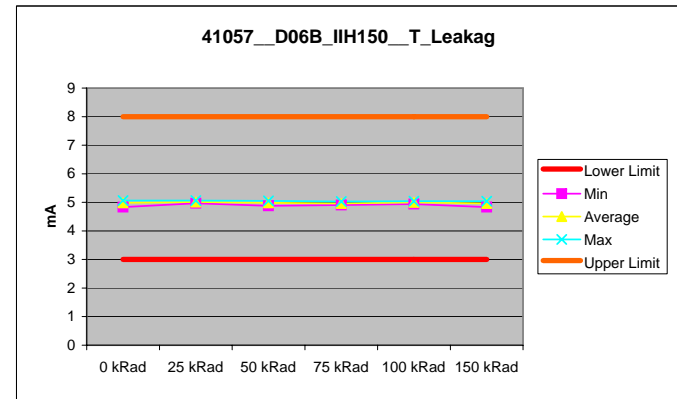
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41056__D07B_IH150__T_Leakag	0 kRad	3	4.805	4.972313	5.043	8	0.06
41056__D07B_IH150__T_Leakag	25 kRad	3	4.962	4.9954	5.032	8	0.028
41056__D07B_IH150__T_Leakag	50 kRad	3	4.878	4.9726	5.037	8	0.067
41056__D07B_IH150__T_Leakag	75 kRad	3	4.901	4.9505	4.995	8	0.04
41056__D07B_IH150__T_Leakag	100 kRad	3	4.916	4.9792	5.023	8	0.044
41056__D07B_IH150__T_Leakag	150 kRad	3	4.816	4.9464	5.018	8	0.08

Units mA



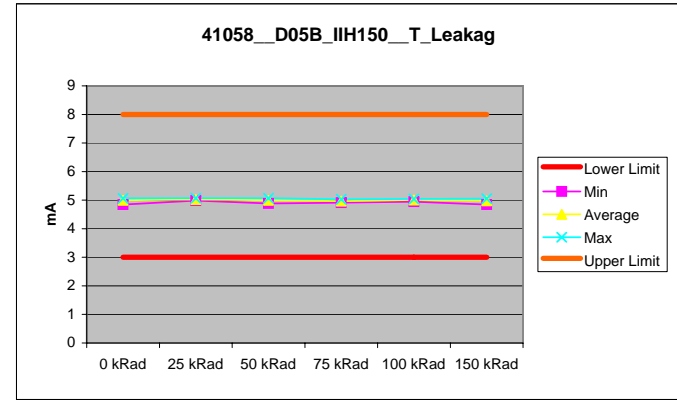
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41057__D06B_IH150__T_Leakag	0 kRad	3	4.834	4.986688	5.061	8	0.06
41057__D06B_IH150__T_Leakag	25 kRad	3	4.969	5.0118	5.062	8	0.038
41057__D06B_IH150__T_Leakag	50 kRad	3	4.876	4.9838	5.051	8	0.071
41057__D06B_IH150__T_Leakag	75 kRad	3	4.904	4.95975	5.031	8	0.054
41057__D06B_IH150__T_Leakag	100 kRad	3	4.939	5.0002	5.043	8	0.041
41057__D06B_IH150__T_Leakag	150 kRad	3	4.836	4.9648	5.038	8	0.082

Units mA



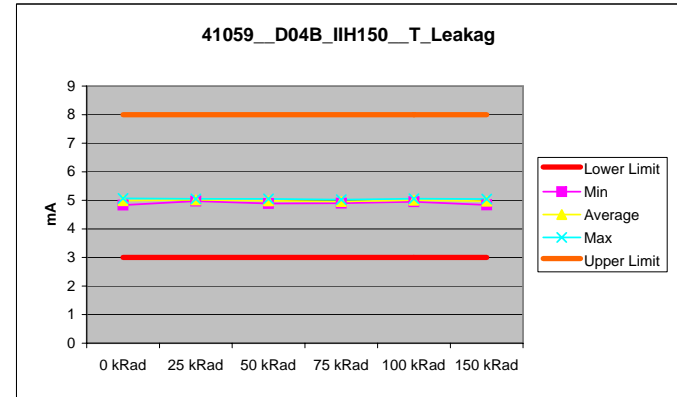
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41058__D05B_IH150__T_Leakag	0 kRad	3	4.846	4.997313	5.063	8	0.059
41058__D05B_IH150__T_Leakag	25 kRad	3	4.985	5.0252	5.069	8	0.032
41058__D05B_IH150__T_Leakag	50 kRad	3	4.886	4.9978	5.069	8	0.072
41058__D05B_IH150__T_Leakag	75 kRad	3	4.914	4.96975	5.03	8	0.048
41058__D05B_IH150__T_Leakag	100 kRad	3	4.947	5.0042	5.043	8	0.039
41058__D05B_IH150__T_Leakag	150 kRad	3	4.845	4.9792	5.052	8	0.082

Units mA



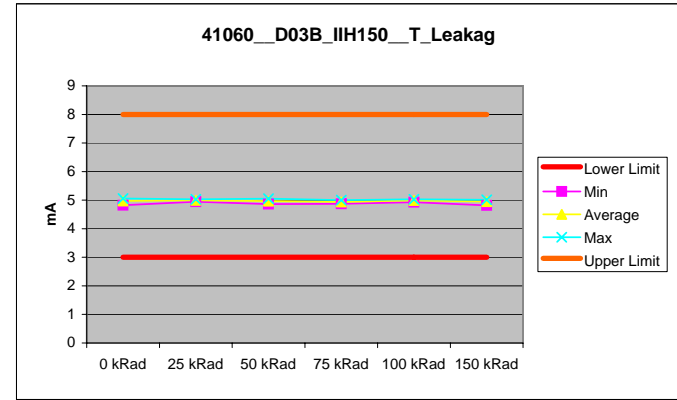
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41059__D04B_IH150__T_Leakag	0 kRad	3	4.833	4.992792	5.068	8	0.06
41059__D04B_IH150__T_Leakag	25 kRad	3	4.973	5.0168	5.054	8	0.031
41059__D04B_IH150__T_Leakag	50 kRad	3	4.889	4.9864	5.051	8	0.067
41059__D04B_IH150__T_Leakag	75 kRad	3	4.9	4.96425	5.024	8	0.052
41059__D04B_IH150__T_Leakag	100 kRad	3	4.951	5.008	5.056	8	0.042
41059__D04B_IH150__T_Leakag	150 kRad	3	4.84	4.9706	5.044	8	0.081

Units mA



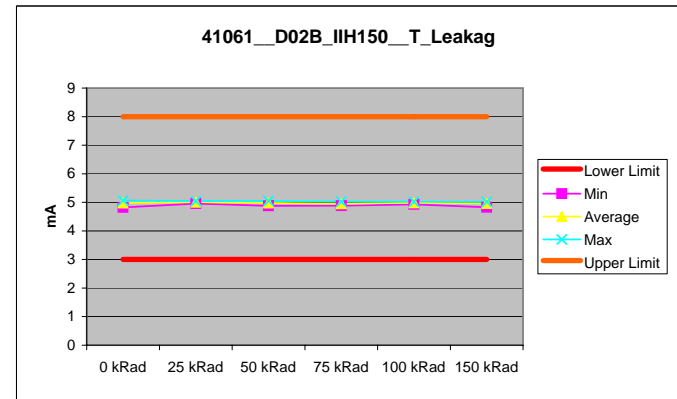
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41060__D03B_IH150__T_Leakag	0 kRad	3	4.824	4.975042	5.057	8	0.06
41060__D03B_IH150__T_Leakag	25 kRad	3	4.944	4.9952	5.028	8	0.034
41060__D03B_IH150__T_Leakag	50 kRad	3	4.864	4.9672	5.049	8	0.071
41060__D03B_IH150__T_Leakag	75 kRad	3	4.872	4.9395	5.003	8	0.056
41060__D03B_IH150__T_Leakag	100 kRad	3	4.928	4.988	5.029	8	0.043
41060__D03B_IH150__T_Leakag	150 kRad	3	4.817	4.9506	5.014	8	0.081

Units mA



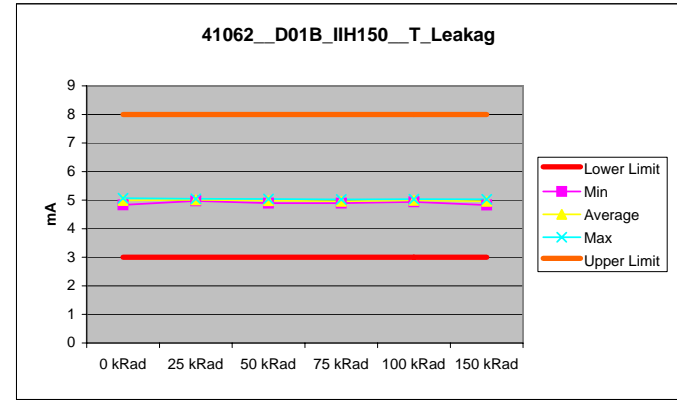
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41061__D02B_IH150__T_Leakag	0 kRad	3	4.821	4.979896	5.062	8	0.059
41061__D02B_IH150__T_Leakag	25 kRad	3	4.955	5.0078	5.047	8	0.037
41061__D02B_IH150__T_Leakag	50 kRad	3	4.878	4.9776	5.053	8	0.071
41061__D02B_IH150__T_Leakag	75 kRad	3	4.886	4.95	5.023	8	0.057
41061__D02B_IH150__T_Leakag	100 kRad	3	4.93	4.987	5.025	8	0.042
41061__D02B_IH150__T_Leakag	150 kRad	3	4.827	4.9602	5.02	8	0.081

Units mA



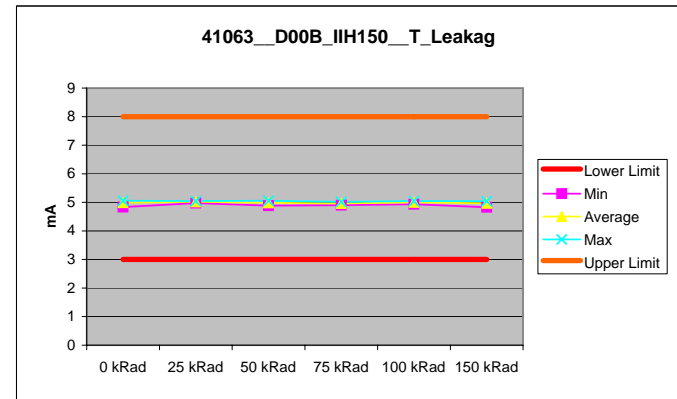
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41062__D01B_IIH150__T_Leakag	0 kRad	3	4.834	4.987563	5.066	8	0.059
41062__D01B_IIH150__T_Leakag	25 kRad	3	4.971	5.012	5.045	8	0.029
41062__D01B_IIH150__T_Leakag	50 kRad	3	4.894	4.9846	5.042	8	0.061
41062__D01B_IIH150__T_Leakag	75 kRad	3	4.893	4.9595	5.021	8	0.054
41062__D01B_IIH150__T_Leakag	100 kRad	3	4.94	4.9964	5.037	8	0.043
41062__D01B_IIH150__T_Leakag	150 kRad	3	4.829	4.9628	5.028	8	0.082

Units mA



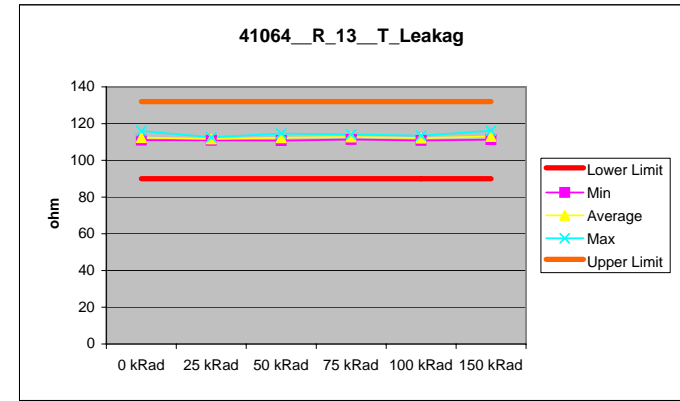
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41063__D00B_IIH150__T_Leakag	0 kRad	3	4.836	4.990375	5.059	8	0.059
41063__D00B_IIH150__T_Leakag	25 kRad	3	4.974	5.0164	5.048	8	0.029
41063__D00B_IIH150__T_Leakag	50 kRad	3	4.886	4.9868	5.055	8	0.069
41063__D00B_IIH150__T_Leakag	75 kRad	3	4.901	4.963	5.02	8	0.052
41063__D00B_IIH150__T_Leakag	100 kRad	3	4.936	4.9988	5.044	8	0.045
41063__D00B_IIH150__T_Leakag	150 kRad	3	4.826	4.9654	5.041	8	0.086

Units mA



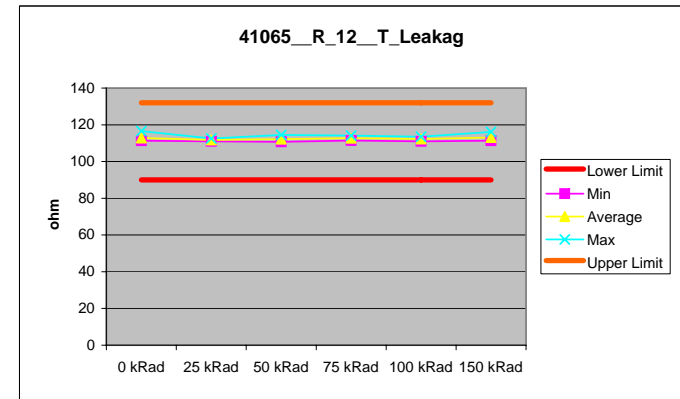
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41064__R_13__T_Leakag	0 kRad	90	110.96	112.3585	116	132	1.378
41064__R_13__T_Leakag	25 kRad	90	110.87	111.724	112.6	132	0.706
41064__R_13__T_Leakag	50 kRad	90	110.76	112.262	114.6	132	1.558
41064__R_13__T_Leakag	75 kRad	90	111.33	112.75	114.2	132	1.188
41064__R_13__T_Leakag	100 kRad	90	110.82	112.1	113.4	132	1.047
41064__R_13__T_Leakag	150 kRad	90	111.25	112.962	116.2	132	1.988

Units ohm



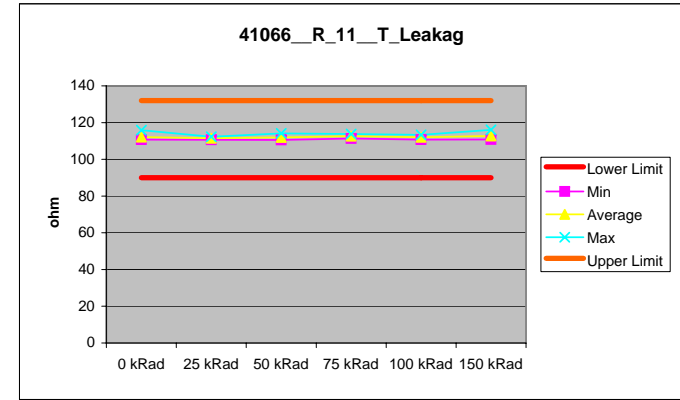
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41065__R_12__T_Leakag	0 kRad	90	111.33	112.7919	116.5	132	1.405
41065__R_12__T_Leakag	25 kRad	90	110.99	111.816	112.6	132	0.699
41065__R_12__T_Leakag	50 kRad	90	110.75	112.232	114.5	132	1.51
41065__R_12__T_Leakag	75 kRad	90	111.43	112.7675	114.1	132	1.132
41065__R_12__T_Leakag	100 kRad	90	110.99	112.312	113.5	132	0.985
41065__R_12__T_Leakag	150 kRad	90	111.31	113.07	116.2	132	1.952

Units ohm



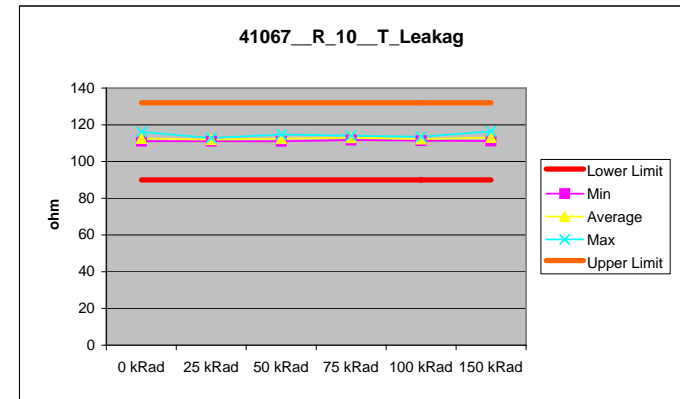
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41066__R_11__T_Leakag	0 kRad	90	110.7	112.1621	115.8	132	1.359
41066__R_11__T_Leakag	25 kRad	90	110.67	111.526	112.3	132	0.742
41066__R_11__T_Leakag	50 kRad	90	110.55	111.99	114.1	132	1.413
41066__R_11__T_Leakag	75 kRad	90	111.34	112.65	113.8	132	1.037
41066__R_11__T_Leakag	100 kRad	90	110.75	112.018	113.4	132	1.026
41066__R_11__T_Leakag	150 kRad	90	110.84	112.742	116.1	132	2.066

Units ohm



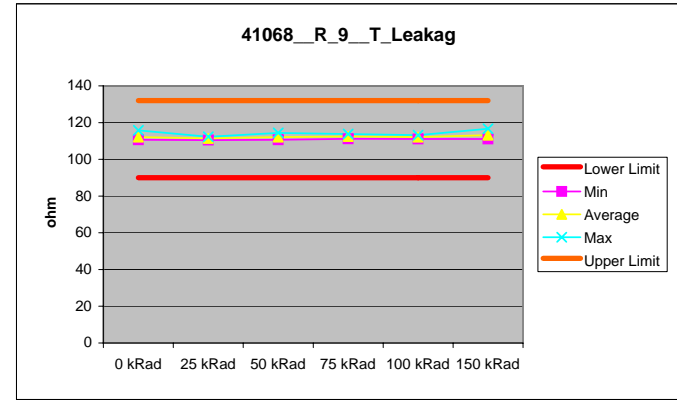
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41067__R_10__T_Leakag	0 kRad	90	111.07	112.5244	116.2	132	1.379
41067__R_10__T_Leakag	25 kRad	90	111.05	111.98	112.8	132	0.771
41067__R_10__T_Leakag	50 kRad	90	110.97	112.45	114.8	132	1.523
41067__R_10__T_Leakag	75 kRad	90	111.69	112.9625	114	132	1.008
41067__R_10__T_Leakag	100 kRad	90	111.38	112.316	113.5	132	0.877
41067__R_10__T_Leakag	150 kRad	90	111.2	113.04	116.4	132	2.04

Units ohm



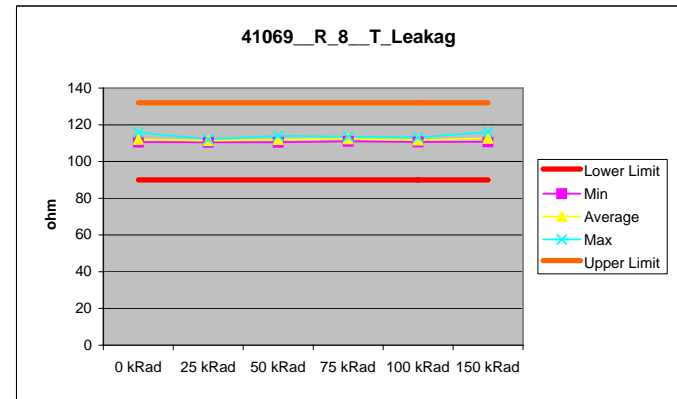
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41068__R_9__T_Leakag	0 kRad	90	110.63	112.1615	115.7	132	1.365
41068__R_9__T_Leakag	25 kRad	90	110.48	111.442	112.3	132	0.796
41068__R_9__T_Leakag	50 kRad	90	110.67	112.134	114.4	132	1.439
41068__R_9__T_Leakag	75 kRad	90	111.13	112.5025	113.8	132	1.132
41068__R_9__T_Leakag	100 kRad	90	111.04	112.128	113.2	132	0.967
41068__R_9__T_Leakag	150 kRad	90	111.07	113.176	116.6	132	2.21

Units ohm



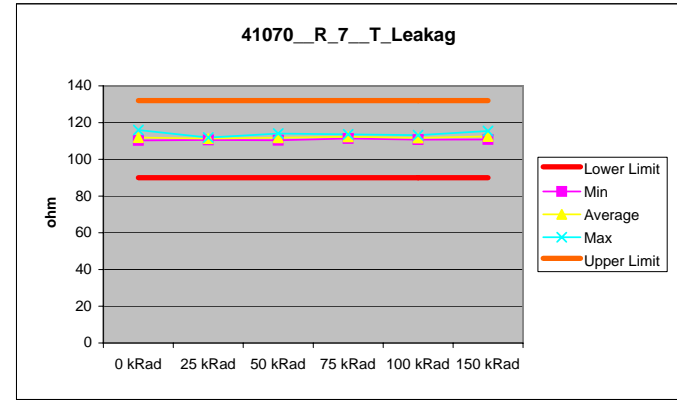
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41069__R_8__T_Leakag	0 kRad	90	110.59	112.0356	115.9	132	1.415
41069__R_8__T_Leakag	25 kRad	90	110.49	111.444	112.2	132	0.641
41069__R_8__T_Leakag	50 kRad	90	110.48	111.916	114	132	1.437
41069__R_8__T_Leakag	75 kRad	90	110.99	112.3575	113.5	132	1.046
41069__R_8__T_Leakag	100 kRad	90	110.63	111.708	113.1	132	1.011
41069__R_8__T_Leakag	150 kRad	90	110.74	112.664	116	132	2.054

Units ohm



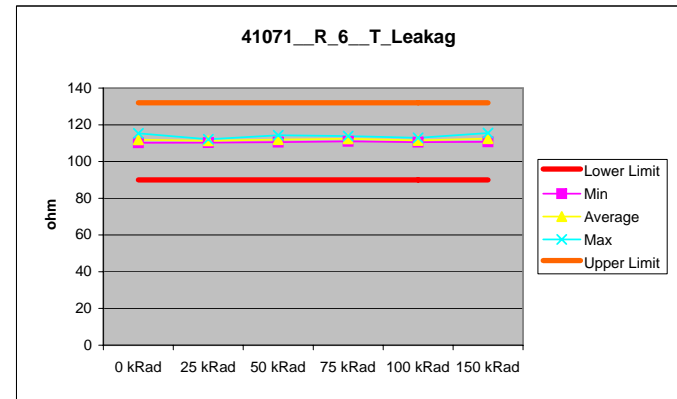
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41070__R_7__T_Leakag	0 kRad	90	110.3	111.8581	115.9	132	1.383
41070__R_7__T_Leakag	25 kRad	90	110.53	111.36	111.9	132	0.606
41070__R_7__T_Leakag	50 kRad	90	110.39	111.792	114	132	1.51
41070__R_7__T_Leakag	75 kRad	90	111.32	112.3325	113.6	132	0.96
41070__R_7__T_Leakag	100 kRad	90	110.75	111.702	113.2	132	1.001
41070__R_7__T_Leakag	150 kRad	90	110.81	112.466	115.5	132	1.86

Units ohm



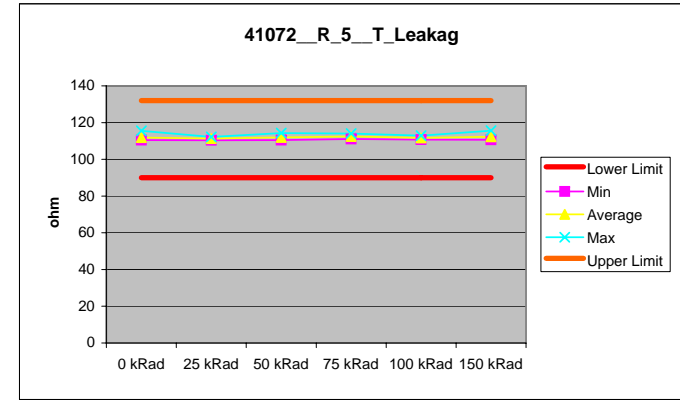
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41071__R_6__T_Leakag	0 kRad	90	110.23	111.8675	115.4	132	1.363
41071__R_6__T_Leakag	25 kRad	90	110.31	111.322	112.1	132	0.744
41071__R_6__T_Leakag	50 kRad	90	110.53	111.916	114.3	132	1.517
41071__R_6__T_Leakag	75 kRad	90	110.97	112.42	113.8	132	1.232
41071__R_6__T_Leakag	100 kRad	90	110.56	111.514	112.9	132	0.932
41071__R_6__T_Leakag	150 kRad	90	110.75	112.466	115.5	132	1.944

Units ohm



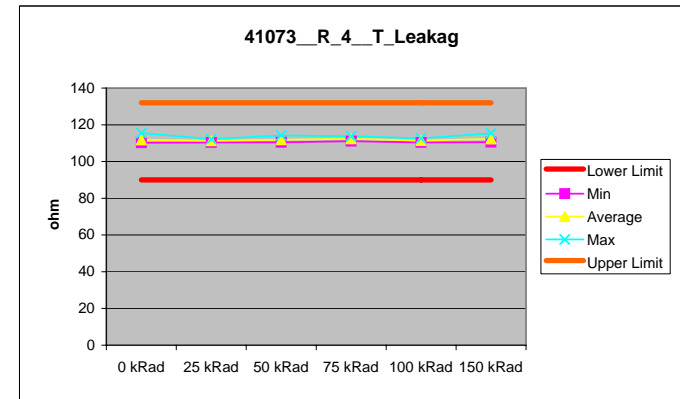
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41072__R_5__T_Leakag	0 kRad	90	110.5	111.9035	115.6	132	1.375
41072__R_5__T_Leakag	25 kRad	90	110.37	111.306	112.2	132	0.701
41072__R_5__T_Leakag	50 kRad	90	110.5	111.93	114.3	132	1.555
41072__R_5__T_Leakag	75 kRad	90	111.04	112.4825	114	132	1.258
41072__R_5__T_Leakag	100 kRad	90	110.76	111.65	112.9	132	0.843
41072__R_5__T_Leakag	150 kRad	90	110.63	112.324	115.6	132	2.028

Units ohm



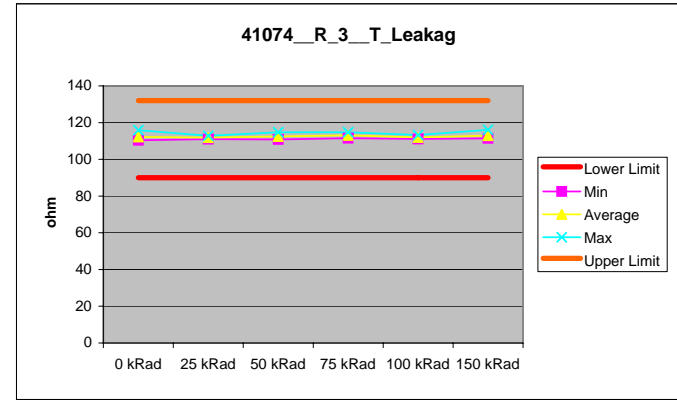
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41073__R_4__T_Leakag	0 kRad	90	110.2	111.8079	115.6	132	1.359
41073__R_4__T_Leakag	25 kRad	90	110.36	111.318	112.2	132	0.729
41073__R_4__T_Leakag	50 kRad	90	110.43	111.872	114.2	132	1.526
41073__R_4__T_Leakag	75 kRad	90	111.1	112.385	113.7	132	1.114
41073__R_4__T_Leakag	100 kRad	90	110.34	111.42	112.6	132	0.878
41073__R_4__T_Leakag	150 kRad	90	110.53	112.26	115.4	132	1.888

Units ohm



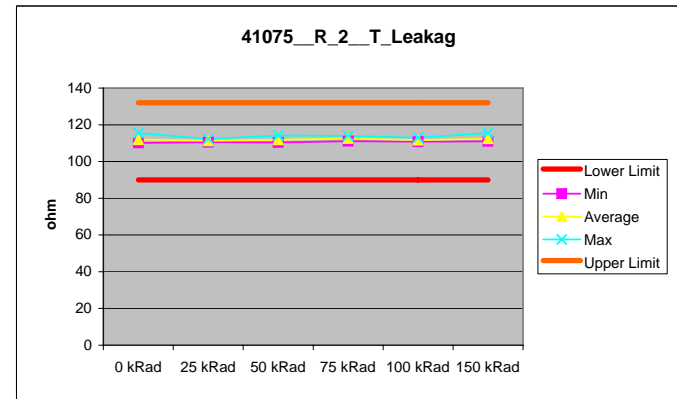
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41074__R_3__T_Leakag	0 kRad	90	110.41	112.2277	115.9	132	1.383
41074__R_3__T_Leakag	25 kRad	90	110.99	111.846	112.9	132	0.767
41074__R_3__T_Leakag	50 kRad	90	110.84	112.448	114.7	132	1.526
41074__R_3__T_Leakag	75 kRad	90	111.55	113.1125	114.7	132	1.353
41074__R_3__T_Leakag	100 kRad	90	111.06	111.972	113.3	132	0.906
41074__R_3__T_Leakag	150 kRad	90	111.44	112.898	116	132	1.903

Units ohm



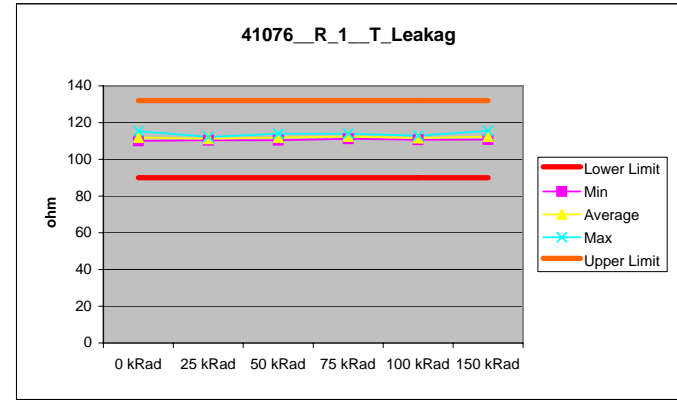
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41075__R_2__T_Leakag	0 kRad	90	110.12	111.9406	115.5	132	1.36
41075__R_2__T_Leakag	25 kRad	90	110.58	111.348	112.3	132	0.688
41075__R_2__T_Leakag	50 kRad	90	110.37	111.894	114.2	132	1.562
41075__R_2__T_Leakag	75 kRad	90	111.1	112.515	113.9	132	1.209
41075__R_2__T_Leakag	100 kRad	90	110.78	111.686	113	132	0.945
41075__R_2__T_Leakag	150 kRad	90	110.96	112.48	115.6	132	1.89

Units ohm



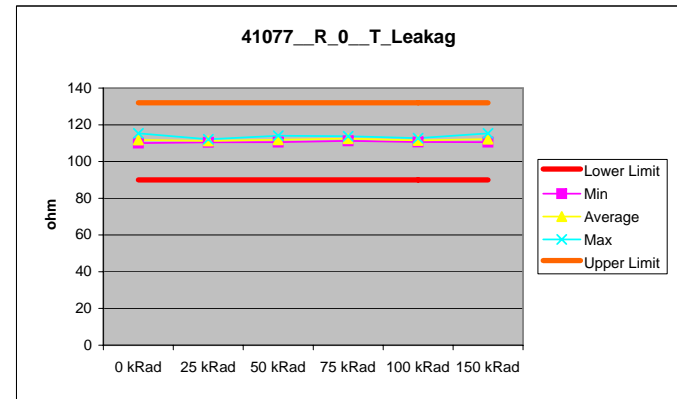
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41076__R_1__T_Leakag	0 kRad	90	110.05	111.8235	115.3	132	1.359
41076__R_1__T_Leakag	25 kRad	90	110.39	111.268	112.2	132	0.711
41076__R_1__T_Leakag	50 kRad	90	110.36	111.85	113.9	132	1.426
41076__R_1__T_Leakag	75 kRad	90	111.14	112.4425	114	132	1.211
41076__R_1__T_Leakag	100 kRad	90	110.63	111.578	112.9	132	0.956
41076__R_1__T_Leakag	150 kRad	90	110.75	112.344	115.6	132	1.992

Units ohm



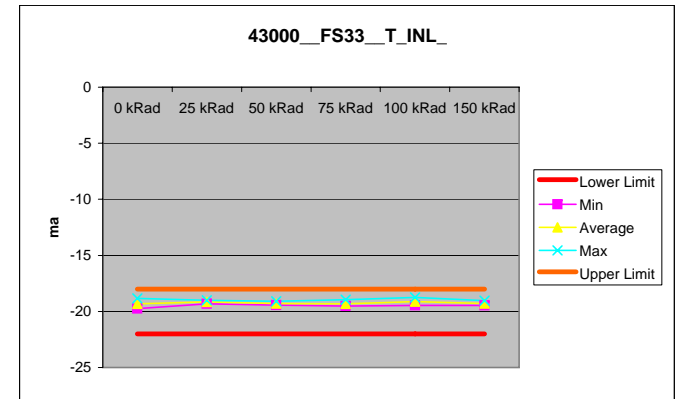
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
41077__R_0__T_Leakag	0 kRad	90	110.07	111.7858	115.4	132	1.348
41077__R_0__T_Leakag	25 kRad	90	110.5	111.238	112.1	132	0.635
41077__R_0__T_Leakag	50 kRad	90	110.53	111.842	114.1	132	1.458
41077__R_0__T_Leakag	75 kRad	90	111.26	112.44	113.8	132	1.144
41077__R_0__T_Leakag	100 kRad	90	110.65	111.538	112.8	132	0.907
41077__R_0__T_Leakag	150 kRad	90	110.53	112.172	115.4	132	1.967

Units ohm



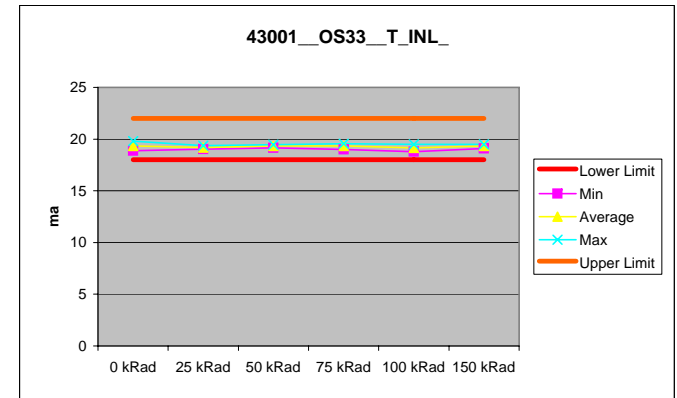
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43000_FS33_T_INL_	0 kRad	-22	-19.762	-19.31329	-18.837	-18	0.214163
43000_FS33_T_INL_	25 kRad	-22	-19.318	-19.1524	-19.004	-18	0.130772
43000_FS33_T_INL_	50 kRad	-22	-19.443	-19.3004	-19.105	-18	0.12194
43000_FS33_T_INL_	75 kRad	-22	-19.525	-19.314	-18.959	-18	0.249213
43000_FS33_T_INL_	100 kRad	-22	-19.45	-19.1084	-18.754	-18	0.262786
43000_FS33_T_INL_	150 kRad	-22	-19.459	-19.2934	-19.041	-18	0.184695

Units ma



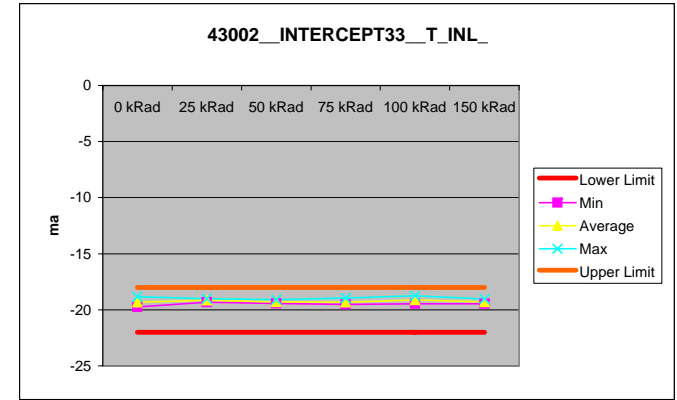
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43001_OS33_T_INL_	0 kRad	18	18.872	19.35069	19.799	22	0.214224
43001_OS33_T_INL_	25 kRad	18	19.041	19.189	19.354	22	0.12994
43001_OS33_T_INL_	50 kRad	18	19.144	19.3374	19.477	22	0.120276
43001_OS33_T_INL_	75 kRad	18	18.996	19.3505	19.568	22	0.250042
43001_OS33_T_INL_	100 kRad	18	18.787	19.1456	19.491	22	0.26594
43001_OS33_T_INL_	150 kRad	18	19.078	19.3288	19.497	22	0.185369

Units ma



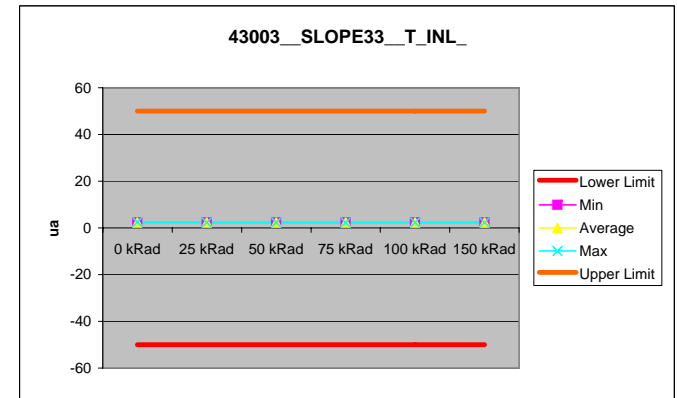
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43002__INTERCEPT33__T__INL__	0 kRad	-22	-19.761	-19.31467	-18.839	-18	0.213965
43002__INTERCEPT33__T__INL__	25 kRad	-22	-19.321	-19.1548	-19.007	-18	0.130684
43002__INTERCEPT33__T__INL__	50 kRad	-22	-19.444	-19.302	-19.106	-18	0.122023
43002__INTERCEPT33__T__INL__	75 kRad	-22	-19.527	-19.315	-18.96	-18	0.249331
43002__INTERCEPT33__T__INL__	100 kRad	-22	-19.452	-19.1108	-18.756	-18	0.262428
43002__INTERCEPT33__T__INL__	150 kRad	-22	-19.463	-19.2944	-19.041	-18	0.185821

Units ma



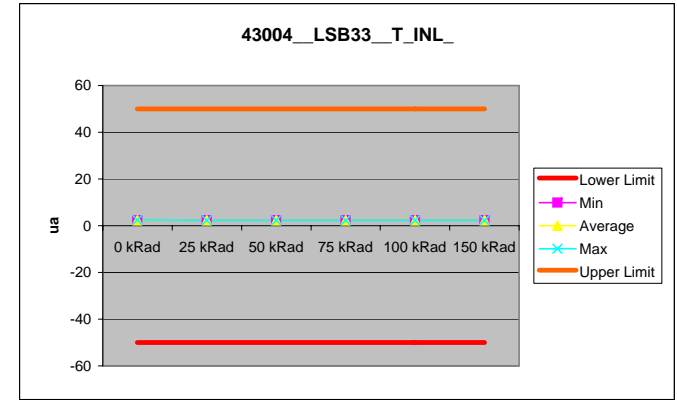
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43003__SLOPE33__T__INL__	0 kRad	-50	2.302	2.360063	2.415	50	0.026156
43003__SLOPE33__T__INL__	25 kRad	-50	2.322	2.3404	2.361	50	0.016103
43003__SLOPE33__T__INL__	50 kRad	-50	2.335	2.3586	2.376	50	0.014775
43003__SLOPE33__T__INL__	75 kRad	-50	2.317	2.36	2.386	50	0.030299
43003__SLOPE33__T__INL__	100 kRad	-50	2.292	2.335	2.377	50	0.032117
43003__SLOPE33__T__INL__	150 kRad	-50	2.327	2.3576	2.378	50	0.02259

Units ua



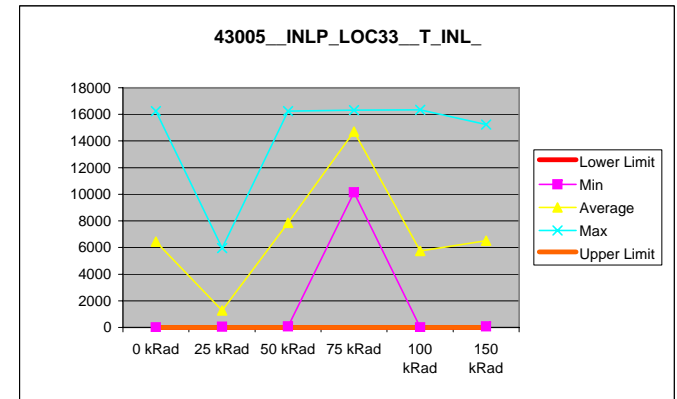
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43004__LSB33__T_INL__	0 kRad	-50	2.302	2.36	2.415	50	0.02613
43004__LSB33__T_INL__	25 kRad	-50	2.322	2.3404	2.361	50	0.016103
43004__LSB33__T_INL__	50 kRad	-50	2.335	2.3586	2.376	50	0.014775
43004__LSB33__T_INL__	75 kRad	-50	2.317	2.36	2.386	50	0.030299
43004__LSB33__T_INL__	100 kRad	-50	2.291	2.3348	2.377	50	0.032453
43004__LSB33__T_INL__	150 kRad	-50	2.327	2.3576	2.378	50	0.02259

Units ua



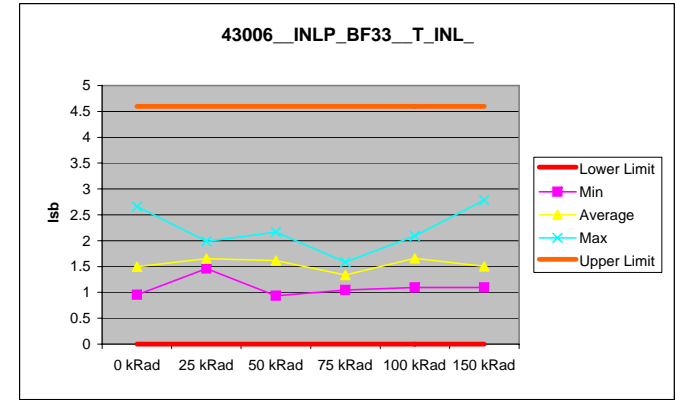
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43005__INLP_LOC33__T_INL__	0 kRad	0	2	6452.333	16239	0	6263.326
43005__INLP_LOC33__T_INL__	25 kRad	0	44	1267.8	5967	0	2627.545
43005__INLP_LOC33__T_INL__	50 kRad	0	78	7861.4	16248	0	7370.315
43005__INLP_LOC33__T_INL__	75 kRad	0	10142	14700.25	16315	0	3039.629
43005__INLP_LOC33__T_INL__	100 kRad	0	0	5738.6	16350	0	7525.558
43005__INLP_LOC33__T_INL__	150 kRad	0	76	6515.8	15246	0	6123.149

Units



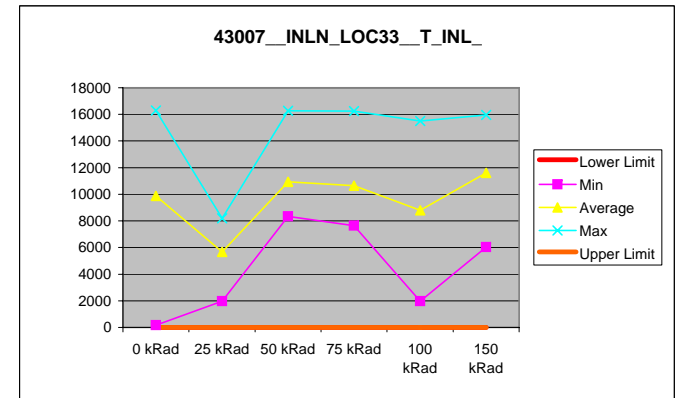
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43006__INLP_BF33_T_INL_	0 kRad	0	0.953	1.499604	2.662	4.6	0.39869
43006__INLP_BF33_T_INL_	25 kRad	0	1.463	1.6532	1.985	4.6	0.212405
43006__INLP_BF33_T_INL_	50 kRad	0	0.933	1.6144	2.167	4.6	0.54435
43006__INLP_BF33_T_INL_	75 kRad	0	1.047	1.336	1.583	4.6	0.235386
43006__INLP_BF33_T_INL_	100 kRad	0	1.094	1.6572	2.094	4.6	0.371101
43006__INLP_BF33_T_INL_	150 kRad	0	1.097	1.5016	2.783	4.6	0.7195

Units lsb



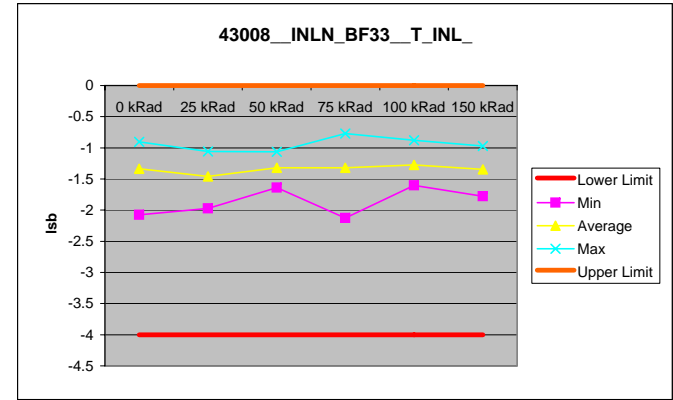
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43007__INLN_LOC33_T_INL_	0 kRad	0	164	9866.75	16304	0	4366.612
43007__INLN_LOC33_T_INL_	25 kRad	0	1968	5667.6	8186	0	3108.833
43007__INLN_LOC33_T_INL_	50 kRad	0	8349	10926.8	16266	0	3076.616
43007__INLN_LOC33_T_INL_	75 kRad	0	7650	10639.25	16241	0	3899.46
43007__INLN_LOC33_T_INL_	100 kRad	0	1982	8789.4	15501	0	4860.542
43007__INLN_LOC33_T_INL_	150 kRad	0	6033	11603.2	15966	0	4349.144

Units



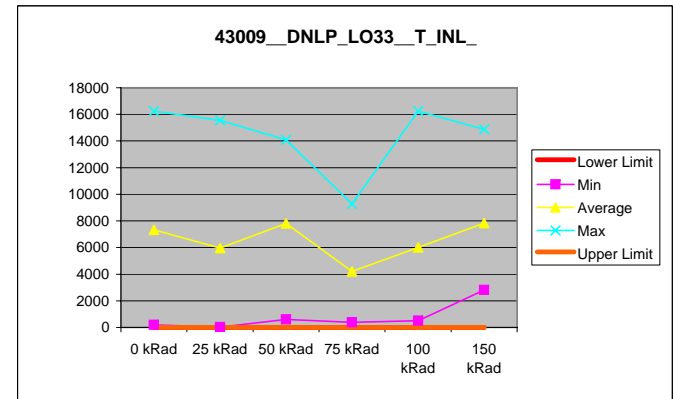
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43008__INLN_BF33__T_INL__	0 kRad	-4	-2.073	-1.3335	-0.902	0	0.272644
43008__INLN_BF33__T_INL__	25 kRad	-4	-1.975	-1.4598	-1.056	0	0.354663
43008__INLN_BF33__T_INL__	50 kRad	-4	-1.637	-1.3226	-1.062	0	0.243268
43008__INLN_BF33__T_INL__	75 kRad	-4	-2.125	-1.319	-0.771	0	0.590647
43008__INLN_BF33__T_INL__	100 kRad	-4	-1.603	-1.2762	-0.88	0	0.339994
43008__INLN_BF33__T_INL__	150 kRad	-4	-1.775	-1.3466	-0.973	0	0.358458

Units lsb



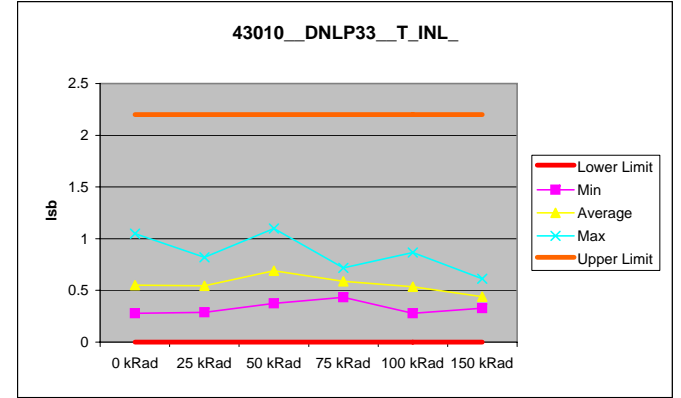
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43009__DNLP_LO33__T_INL__	0 kRad	0	192	7324.604	16256	0	5218.344
43009__DNLP_LO33__T_INL__	25 kRad	0	32	5953.6	15552	0	6261.758
43009__DNLP_LO33__T_INL__	50 kRad	0	596	7822.2	14080	0	5543.118
43009__DNLP_LO33__T_INL__	75 kRad	0	384	4205.75	9271	0	3698.454
43009__DNLP_LO33__T_INL__	100 kRad	0	512	6002.6	16240	0	7385.192
43009__DNLP_LO33__T_INL__	150 kRad	0	2816	7836.8	14880	0	5465.877

Units



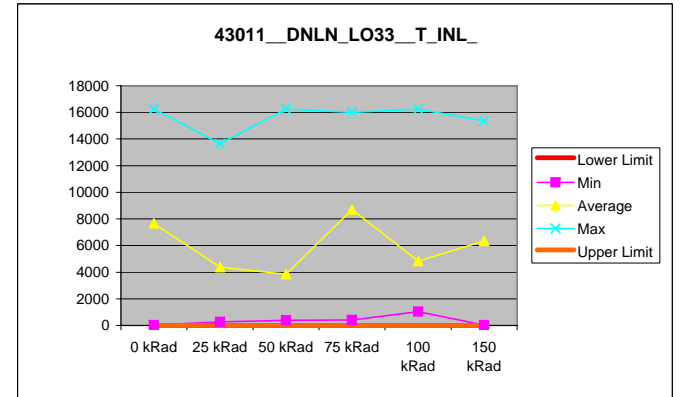
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43010__DNLP33__T_INL__	0 kRad	0	0.279	0.549396	1.049	2.2	0.187957
43010__DNLP33__T_INL__	25 kRad	0	0.288	0.546	0.82	2.2	0.221528
43010__DNLP33__T_INL__	50 kRad	0	0.373	0.6908	1.098	2.2	0.321169
43010__DNLP33__T_INL__	75 kRad	0	0.434	0.58925	0.718	2.2	0.137902
43010__DNLP33__T_INL__	100 kRad	0	0.28	0.5366	0.866	2.2	0.215864
43010__DNLP33__T_INL__	150 kRad	0	0.329	0.4408	0.614	2.2	0.105732

Units lsb



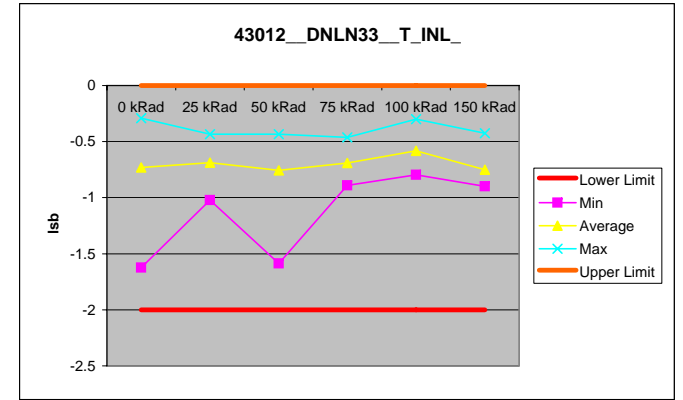
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43011__DNLN_LO33__T_INL__	0 kRad	0	16	7660.875	16256	0	6409.099
43011__DNLN_LO33__T_INL__	25 kRad	0	256	4371.4	13649	0	5676.93
43011__DNLN_LO33__T_INL__	50 kRad	0	384	3850.2	16256	0	6940.75
43011__DNLN_LO33__T_INL__	75 kRad	0	416	8696	16000	0	7296.298
43011__DNLN_LO33__T_INL__	100 kRad	0	1024	4838.4	16256	0	6437.904
43011__DNLN_LO33__T_INL__	150 kRad	0	16	6355.2	15360	0	7720.621

Units



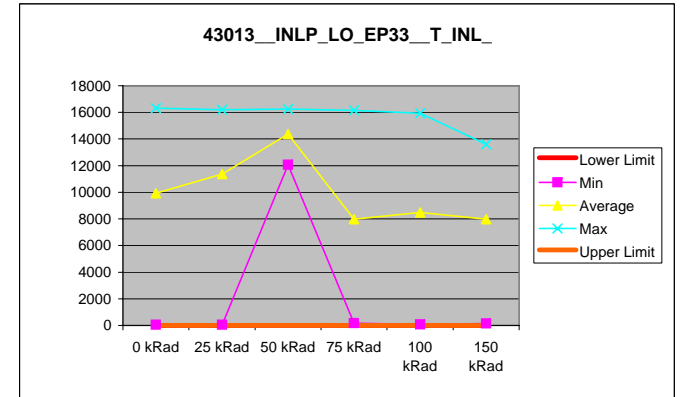
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43012__DNLN33__T_INL__	0 kRad	-2	-1.625	-0.729438	-0.291	0	0.29903
43012__DNLN33__T_INL__	25 kRad	-2	-1.023	-0.689	-0.434	0	0.263564
43012__DNLN33__T_INL__	50 kRad	-2	-1.588	-0.757	-0.433	0	0.471783
43012__DNLN33__T_INL__	75 kRad	-2	-0.891	-0.69175	-0.463	0	0.198137
43012__DNLN33__T_INL__	100 kRad	-2	-0.797	-0.5818	-0.299	0	0.188347
43012__DNLN33__T_INL__	150 kRad	-2	-0.899	-0.751	-0.425	0	0.196396

Units: Isb



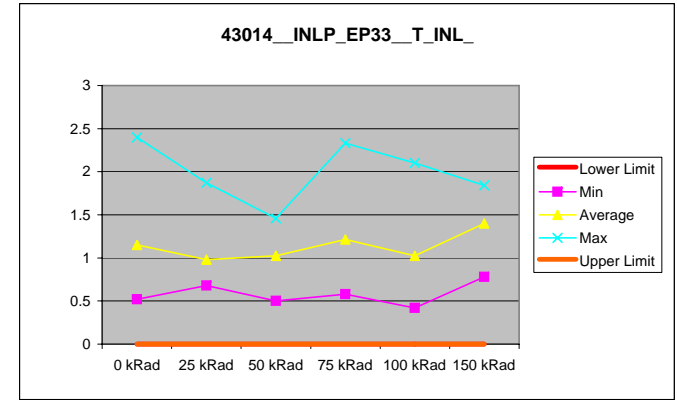
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43013__INLP_LO_EP33__T_INL__	0 kRad	0	46	9918.896	16326	0	5842.596
43013__INLP_LO_EP33__T_INL__	25 kRad	0	44	11369.4	16206	0	6506.814
43013__INLP_LO_EP33__T_INL__	50 kRad	0	12060	14378.6	16248	0	2002.343
43013__INLP_LO_EP33__T_INL__	75 kRad	0	175	7982.75	16151	0	7079.843
43013__INLP_LO_EP33__T_INL__	100 kRad	0	78	8481	15943	0	7746.433
43013__INLP_LO_EP33__T_INL__	150 kRad	0	140	7988.2	13599	0	5339.309

Units:



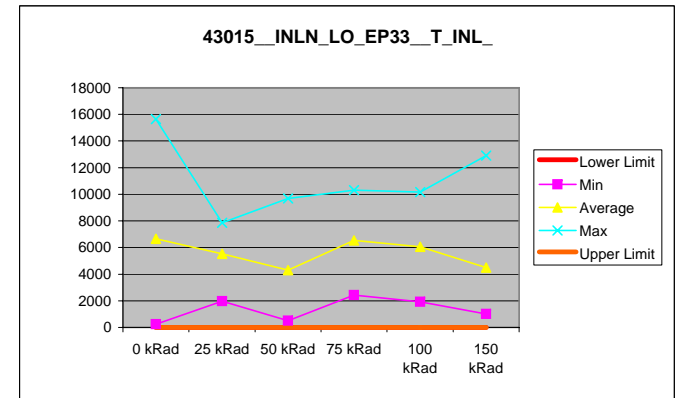
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43014__INLP_EP33__T_INL__	0 kRad	0	0.52	1.151042	2.4	0	0.470406
43014__INLP_EP33__T_INL__	25 kRad	0	0.68	0.982	1.87	0	0.501468
43014__INLP_EP33__T_INL__	50 kRad	0	0.5	1.026	1.46	0	0.470298
43014__INLP_EP33__T_INL__	75 kRad	0	0.58	1.215	2.33	0	0.767181
43014__INLP_EP33__T_INL__	100 kRad	0	0.42	1.026	2.1	0	0.744634
43014__INLP_EP33__T_INL__	150 kRad	0	0.78	1.4	1.84	0	0.404969

Units



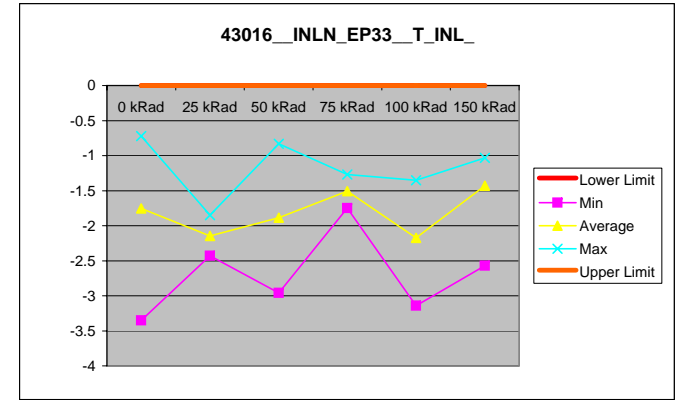
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43015__INLN_LO_EP33__T_INL__	0 kRad	0	230	6665.083	15651	0	4295.852
43015__INLN_LO_EP33__T_INL__	25 kRad	0	1968	5538.8	7857	0	2989.873
43015__INLN_LO_EP33__T_INL__	50 kRad	0	495	4299	9675	0	4178.976
43015__INLN_LO_EP33__T_INL__	75 kRad	0	2419	6543.25	10305	0	3491.999
43015__INLN_LO_EP33__T_INL__	100 kRad	0	1934	6066.4	10162	0	3874.034
43015__INLN_LO_EP33__T_INL__	150 kRad	0	1008	4488	12912	0	5160.443

Units



Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
43016__INLN_EP33__T_INL_	0 kRad	0	-3.35	-1.7525	-0.72	0	0.584227
43016__INLN_EP33__T_INL_	25 kRad	0	-2.43	-2.148	-1.85	0	0.261381
43016__INLN_EP33__T_INL_	50 kRad	0	-2.96	-1.886	-0.83	0	0.839958
43016__INLN_EP33__T_INL_	75 kRad	0	-1.75	-1.5075	-1.27	0	0.268623
43016__INLN_EP33__T_INL_	100 kRad	0	-3.14	-2.172	-1.35	0	0.801542
43016__INLN_EP33__T_INL_	150 kRad	0	-2.57	-1.43	-1.03	0	0.662835

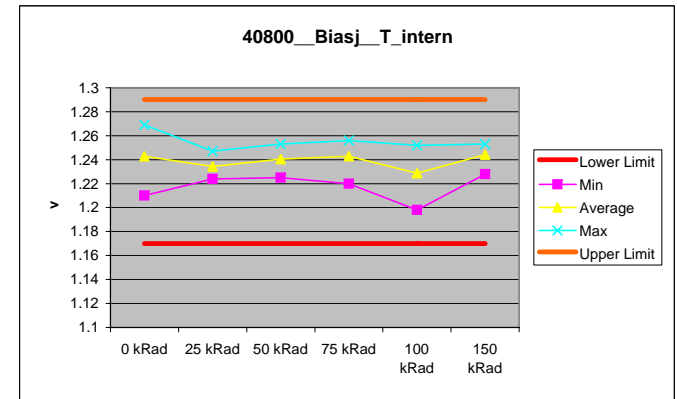
Units



Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40800__Biasj__T_intern	0 kRad	1.17	1.21	1.242833	1.269	1.29	0.01354
40800__Biasj__T_intern	25 kRad	1.17	1.224	1.2344	1.247	1.29	0.009788
40800__Biasj__T_intern	50 kRad	1.17	1.225	1.2404	1.253	1.29	0.01009
40800__Biasj__T_intern	75 kRad	1.17	1.22	1.24275	1.256	1.29	0.015819
40800__Biasj__T_intern	100 kRad	1.17	1.198	1.2288	1.252	1.29	0.020241
40800__Biasj__T_intern	150 kRad	1.17	1.228	1.2442	1.253	1.29	0.011212

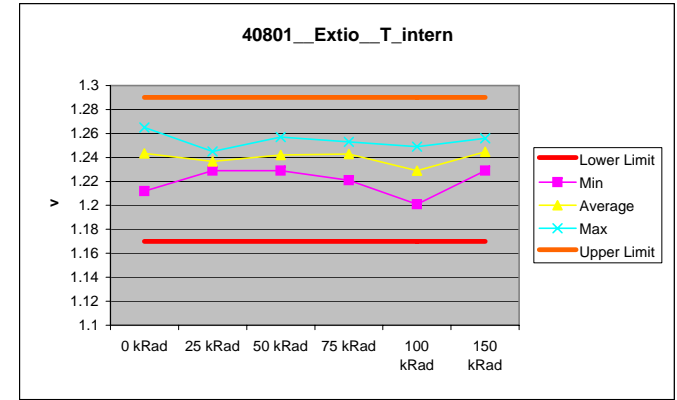
Units

v



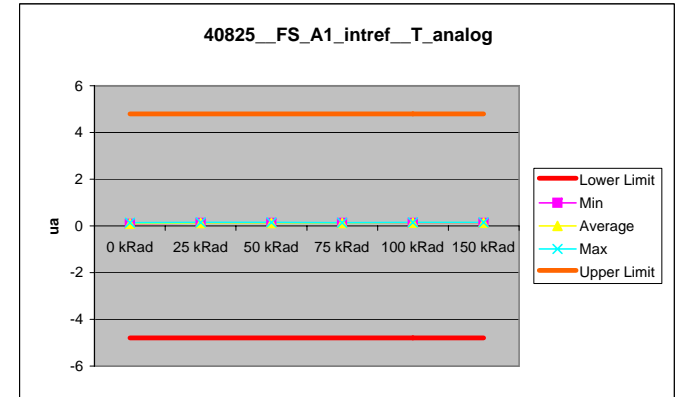
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40801__Extio__T__intern	0 kRad	1.17	1.212	1.243375	1.265	1.29	0.012944
40801__Extio__T__intern	25 kRad	1.17	1.229	1.2368	1.245	1.29	0.00712
40801__Extio__T__intern	50 kRad	1.17	1.229	1.242	1.257	1.29	0.01
40801__Extio__T__intern	75 kRad	1.17	1.221	1.24275	1.253	1.29	0.015108
40801__Extio__T__intern	100 kRad	1.17	1.201	1.229	1.249	1.29	0.018547
40801__Extio__T__intern	150 kRad	1.17	1.229	1.2446	1.256	1.29	0.011238

Units v



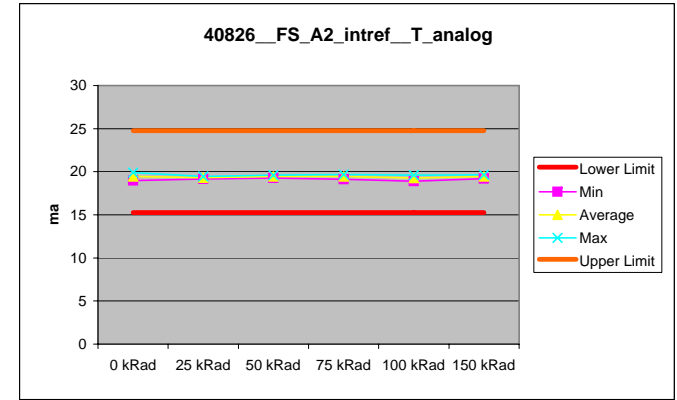
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40825__FS_A1_intref__T__analog	0 kRad	-4.8	0.085	0.089604	0.135	4.8	0.010427
40825__FS_A1_intref__T__analog	25 kRad	-4.8	0.119	0.1266	0.144	4.8	0.011238
40825__FS_A1_intref__T__analog	50 kRad	-4.8	0.119	0.1292	0.144	4.8	0.010521
40825__FS_A1_intref__T__analog	75 kRad	-4.8	0.119	0.1255	0.132	4.8	0.007506
40825__FS_A1_intref__T__analog	100 kRad	-4.8	0.119	0.1342	0.144	4.8	0.010402
40825__FS_A1_intref__T__analog	150 kRad	-4.8	0.119	0.1316	0.144	4.8	0.012502

Units ua



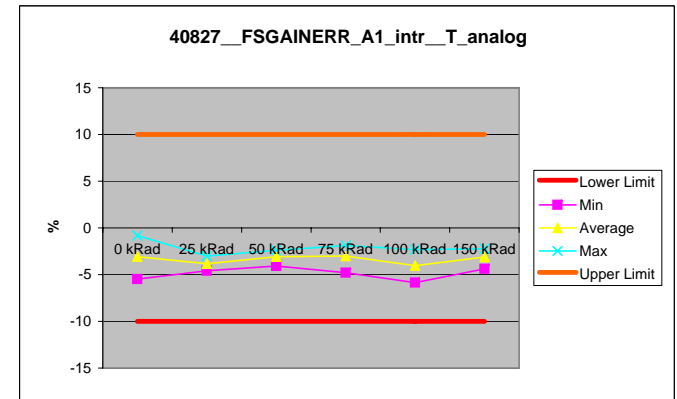
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40826__FS_A2_intref__T_analog	0 kRad	15.25	18.981	19.46446	19.915	24.75	0.215498
40826__FS_A2_intref__T_analog	25 kRad	15.25	19.153	19.3036	19.468	24.75	0.129832
40826__FS_A2_intref__T_analog	50 kRad	15.25	19.255	19.4514	19.593	24.75	0.12214
40826__FS_A2_intref__T_analog	75 kRad	15.25	19.11	19.467	19.694	24.75	0.253134
40826__FS_A2_intref__T_analog	100 kRad	15.25	18.894	19.259	19.608	24.75	0.269139
40826__FS_A2_intref__T_analog	150 kRad	15.25	19.196	19.447	19.623	24.75	0.188852

Units ma



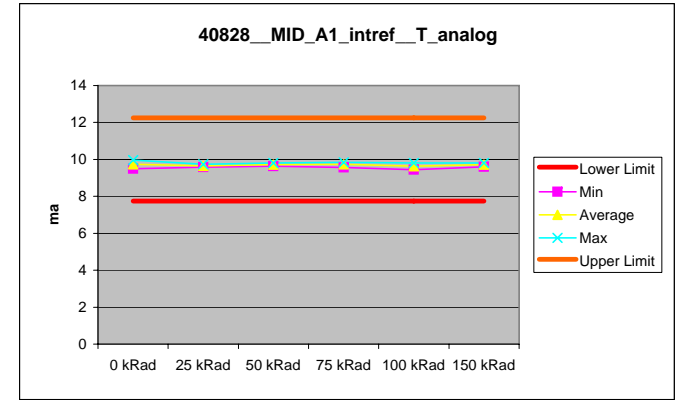
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40827__FSGAINERR_A1_intr__T_analog	0 kRad	-10	-5.48	-3.070833	-0.82	10	1.073903
40827__FSGAINERR_A1_intr__T_analog	25 kRad	-10	-4.59	-3.832	-3.01	10	0.649592
40827__FSGAINERR_A1_intr__T_analog	50 kRad	-10	-4.08	-3.096	-2.39	10	0.611048
40827__FSGAINERR_A1_intr__T_analog	75 kRad	-10	-4.8	-3.02	-1.89	10	1.261824
40827__FSGAINERR_A1_intr__T_analog	100 kRad	-10	-5.87	-4.056	-2.32	10	1.338443
40827__FSGAINERR_A1_intr__T_analog	150 kRad	-10	-4.37	-3.12	-2.24	10	0.940293

Units %



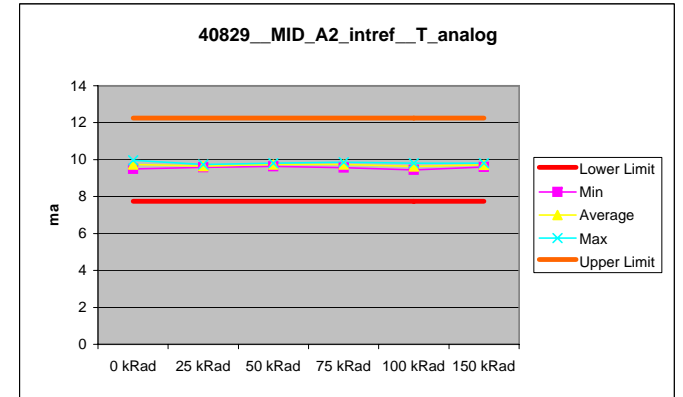
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40828__MID_A1_intref__T_analog	0 kRad	7.75	9.493	9.735604	9.96	12.25	0.107582
40828__MID_A1_intref__T_analog	25 kRad	7.75	9.578	9.6534	9.736	12.25	0.064663
40828__MID_A1_intref__T_analog	50 kRad	7.75	9.629	9.7276	9.799	12.25	0.061423
40828__MID_A1_intref__T_analog	75 kRad	7.75	9.556	9.73475	9.846	12.25	0.126236
40828__MID_A1_intref__T_analog	100 kRad	7.75	9.451	9.6316	9.806	12.25	0.133491
40828__MID_A1_intref__T_analog	150 kRad	7.75	9.598	9.725	9.812	12.25	0.094968

Units ma



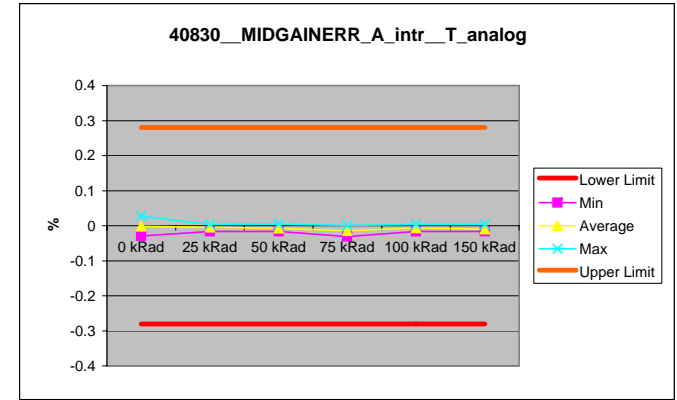
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40829__MID_A2_intref__T_analog	0 kRad	7.75	9.495	9.735875	9.962	12.25	0.107979
40829__MID_A2_intref__T_analog	25 kRad	7.75	9.581	9.6544	9.736	12.25	0.064454
40829__MID_A2_intref__T_analog	50 kRad	7.75	9.63	9.729	9.8	12.25	0.061465
40829__MID_A2_intref__T_analog	75 kRad	7.75	9.559	9.73775	9.852	12.25	0.127065
40829__MID_A2_intref__T_analog	100 kRad	7.75	9.45	9.6326	9.807	12.25	0.134148
40829__MID_A2_intref__T_analog	150 kRad	7.75	9.601	9.727	9.815	12.25	0.095068

Units ma



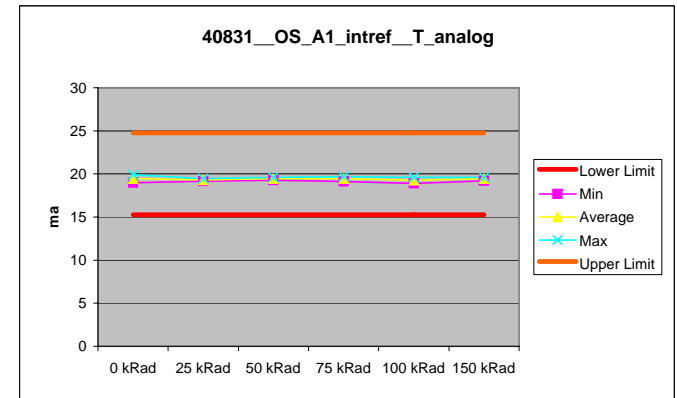
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40830__MIDGAINERR_A_intr__T_analog	0 kRad	-0.28	-0.029	-0.001688	0.027	0.28	0.010812
40830__MIDGAINERR_A_intr__T_analog	25 kRad	-0.28	-0.016	-0.0042	0.004	0.28	0.00991
40830__MIDGAINERR_A_intr__T_analog	50 kRad	-0.28	-0.016	-0.0076	0.005	0.28	0.008792
40830__MIDGAINERR_A_intr__T_analog	75 kRad	-0.28	-0.031	-0.015	0.001	0.28	0.013089
40830__MIDGAINERR_A_intr__T_analog	100 kRad	-0.28	-0.016	-0.006	0.004	0.28	0.009592
40830__MIDGAINERR_A_intr__T_analog	150 kRad	-0.28	-0.016	-0.0096	0.004	0.28	0.008649

Units %



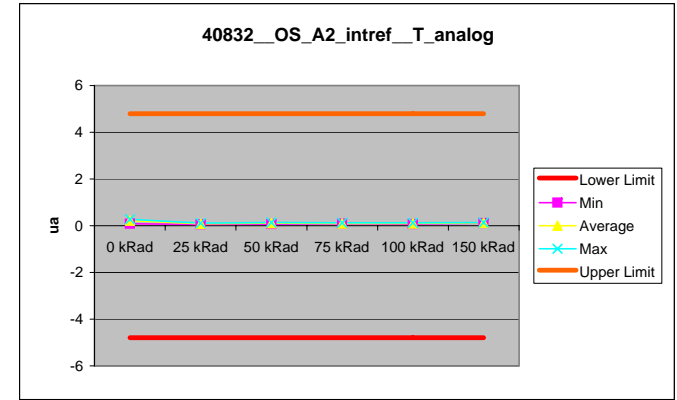
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40831__OS_A1_intref__T_analog	0 kRad	15.25	18.98	19.46594	19.918	24.75	0.215687
40831__OS_A1_intref__T_analog	25 kRad	15.25	19.153	19.3042	19.469	24.75	0.129972
40831__OS_A1_intref__T_analog	50 kRad	15.25	19.255	19.452	19.594	24.75	0.122499
40831__OS_A1_intref__T_analog	75 kRad	15.25	19.108	19.46575	19.689	24.75	0.252767
40831__OS_A1_intref__T_analog	100 kRad	15.25	18.892	19.2592	19.607	24.75	0.268819
40831__OS_A1_intref__T_analog	150 kRad	15.25	19.194	19.447	19.619	24.75	0.189291

Units ma



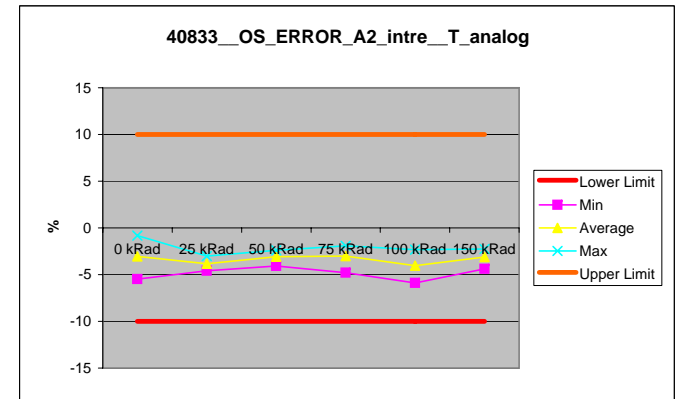
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40832_OS_A2_intref__T_analog	0 kRad	-4.8	0.082	0.212729	0.269	4.8	0.04145
40832_OS_A2_intref__T_analog	25 kRad	-4.8	0.054	0.0864	0.116	4.8	0.02998
40832_OS_A2_intref__T_analog	50 kRad	-4.8	0.066	0.1162	0.141	4.8	0.03187
40832_OS_A2_intref__T_analog	75 kRad	-4.8	0.079	0.10075	0.129	4.8	0.021422
40832_OS_A2_intref__T_analog	100 kRad	-4.8	0.066	0.0938	0.129	4.8	0.032568
40832_OS_A2_intref__T_analog	150 kRad	-4.8	0.104	0.1238	0.141	4.8	0.014167

Units ua



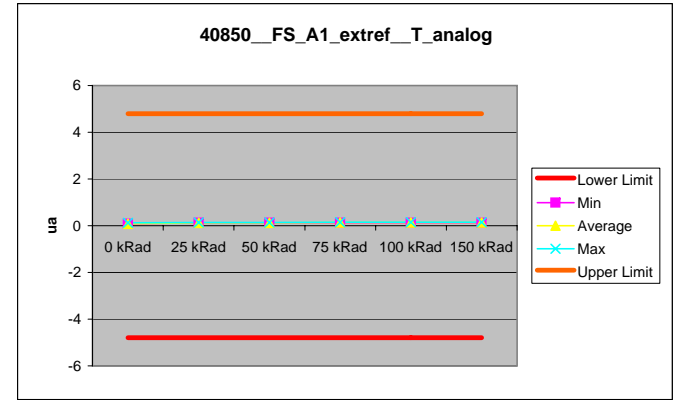
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40833_OS_ERROR_A2_intre__T_analog	0 kRad	-10	-5.48	-3.0625	-0.81	10	1.073797
40833_OS_ERROR_A2_intre__T_analog	25 kRad	-10	-4.58	-3.83	-3.01	10	0.646684
40833_OS_ERROR_A2_intre__T_analog	50 kRad	-10	-4.08	-3.096	-2.39	10	0.611048
40833_OS_ERROR_A2_intre__T_analog	75 kRad	-10	-4.81	-3.025	-1.91	10	1.260833
40833_OS_ERROR_A2_intre__T_analog	100 kRad	-10	-5.89	-4.054	-2.32	10	1.341894
40833_OS_ERROR_A2_intre__T_analog	150 kRad	-10	-4.38	-3.12	-2.26	10	0.942444

Units %



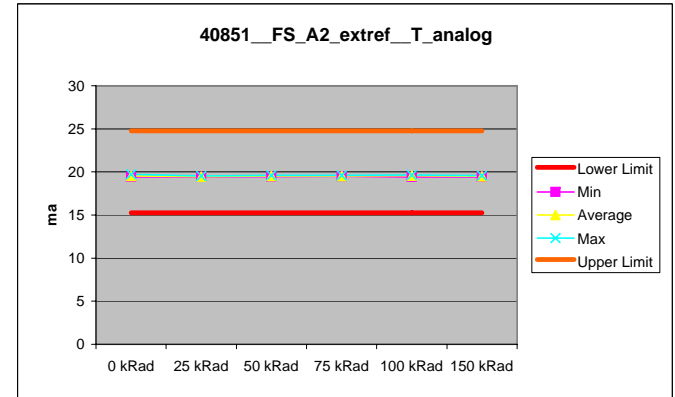
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40850_FS_A1_extref__T_analog	0 kRad	-4.8	0.085	0.088813	0.122	4.8	0.008086
40850_FS_A1_extref__T_analog	25 kRad	-4.8	0.119	0.1242	0.132	4.8	0.00712
40850_FS_A1_extref__T_analog	50 kRad	-4.8	0.119	0.1242	0.132	4.8	0.00712
40850_FS_A1_extref__T_analog	75 kRad	-4.8	0.119	0.1315	0.144	4.8	0.014434
40850_FS_A1_extref__T_analog	100 kRad	-4.8	0.119	0.1316	0.144	4.8	0.012502
40850_FS_A1_extref__T_analog	150 kRad	-4.8	0.119	0.1342	0.144	4.8	0.010402

Units ua



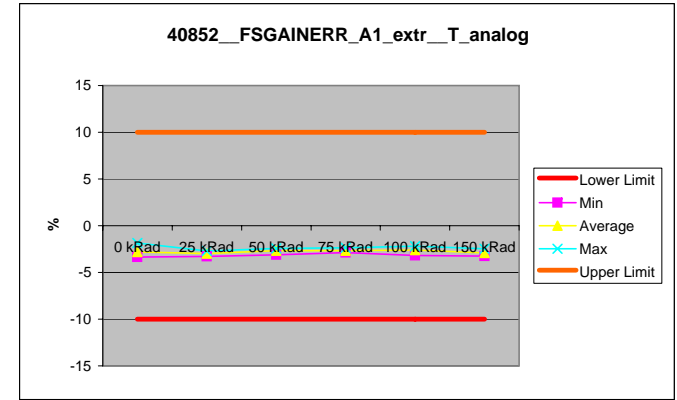
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40851_FS_A2_extref__T_analog	0 kRad	15.25	19.406	19.52	19.707	24.75	0.064656
40851_FS_A2_extref__T_analog	25 kRad	15.25	19.41	19.472	19.527	24.75	0.046952
40851_FS_A2_extref__T_analog	50 kRad	15.25	19.446	19.5362	19.586	24.75	0.054094
40851_FS_A2_extref__T_analog	75 kRad	15.25	19.496	19.5375	19.595	24.75	0.041509
40851_FS_A2_extref__T_analog	100 kRad	15.25	19.435	19.5494	19.633	24.75	0.0722
40851_FS_A2_extref__T_analog	150 kRad	15.25	19.421	19.487	19.579	24.75	0.057171

Units ma



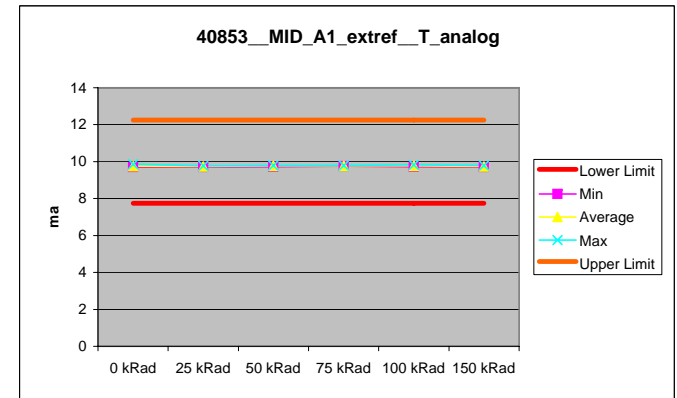
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40852__FSGAINERR_A1_extr__T_analog	0 kRad	-10	-3.36	-2.795208	-1.86	10	0.322688
40852__FSGAINERR_A1_extr__T_analog	25 kRad	-10	-3.3	-2.994	-2.72	10	0.231474
40852__FSGAINERR_A1_extr__T_analog	50 kRad	-10	-3.12	-2.674	-2.42	10	0.268849
40852__FSGAINERR_A1_extr__T_analog	75 kRad	-10	-2.87	-2.665	-2.38	10	0.20567
40852__FSGAINERR_A1_extr__T_analog	100 kRad	-10	-3.18	-2.608	-2.19	10	0.360999
40852__FSGAINERR_A1_extr__T_analog	150 kRad	-10	-3.25	-2.922	-2.46	10	0.286304

Units %



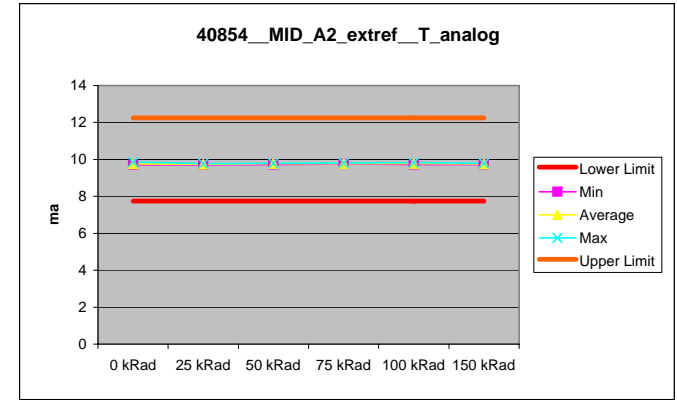
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40853__MID_A1_extref__T_analog	0 kRad	7.75	9.705	9.762167	9.854	12.25	0.032266
40853__MID_A1_extref__T_analog	25 kRad	7.75	9.706	9.7366	9.765	12.25	0.023607
40853__MID_A1_extref__T_analog	50 kRad	7.75	9.724	9.7696	9.797	12.25	0.02779
40853__MID_A1_extref__T_analog	75 kRad	7.75	9.748	9.7685	9.797	12.25	0.020567
40853__MID_A1_extref__T_analog	100 kRad	7.75	9.72	9.7758	9.817	12.25	0.035323
40853__MID_A1_extref__T_analog	150 kRad	7.75	9.71	9.7438	9.793	12.25	0.030219

Units ma



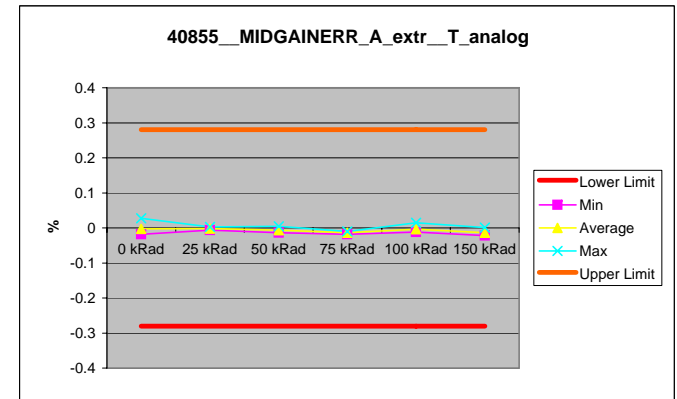
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40854__MID_A2_extref__T_analog	0 kRad	7.75	9.705	9.762646	9.856	12.25	0.032342
40854__MID_A2_extref__T_analog	25 kRad	7.75	9.706	9.7372	9.766	12.25	0.023594
40854__MID_A2_extref__T_analog	50 kRad	7.75	9.724	9.7708	9.796	12.25	0.028057
40854__MID_A2_extref__T_analog	75 kRad	7.75	9.751	9.77125	9.8	12.25	0.020614
40854__MID_A2_extref__T_analog	100 kRad	7.75	9.717	9.7766	9.819	12.25	0.03722
40854__MID_A2_extref__T_analog	150 kRad	7.75	9.715	9.7466	9.793	12.25	0.028439

Units ma



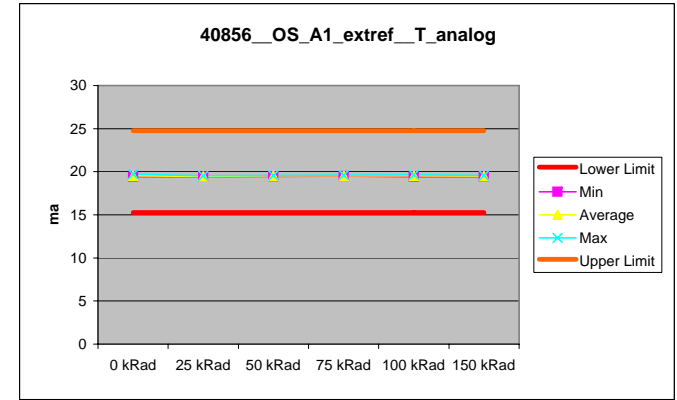
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40855__MIDGAINERR_A_extr__T_analog	0 kRad	-0.28	-0.018	-0.002667	0.027	0.28	0.009182
40855__MIDGAINERR_A_extr__T_analog	25 kRad	-0.28	-0.006	-0.0014	0.003	0.28	0.003286
40855__MIDGAINERR_A_extr__T_analog	50 kRad	-0.28	-0.014	-0.0062	0.005	0.28	0.007629
40855__MIDGAINERR_A_extr__T_analog	75 kRad	-0.28	-0.018	-0.0135	-0.01	0.28	0.003416
40855__MIDGAINERR_A_extr__T_analog	100 kRad	-0.28	-0.012	-0.0032	0.015	0.28	0.010756
40855__MIDGAINERR_A_extr__T_analog	150 kRad	-0.28	-0.022	-0.0134	0.001	0.28	0.008591

Units %



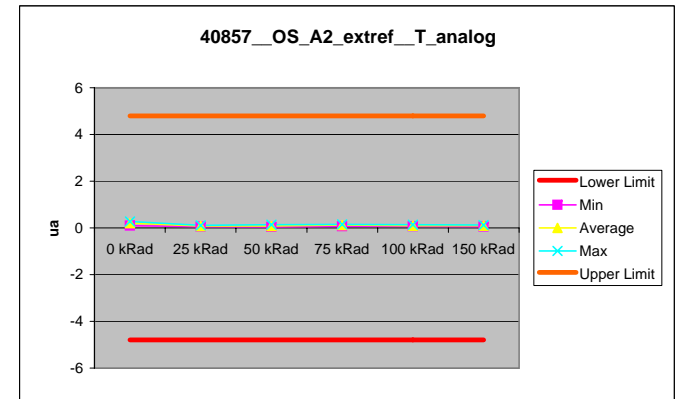
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40856__OS_A1_extref__T_analog	0 kRad	15.25	19.406	19.52017	19.708	24.75	0.064668
40856__OS_A1_extref__T_analog	25 kRad	15.25	19.408	19.4698	19.525	24.75	0.046751
40856__OS_A1_extref__T_analog	50 kRad	15.25	19.446	19.5338	19.583	24.75	0.05312
40856__OS_A1_extref__T_analog	75 kRad	15.25	19.497	19.5355	19.59	24.75	0.039247
40856__OS_A1_extref__T_analog	100 kRad	15.25	19.433	19.547	19.628	24.75	0.071334
40856__OS_A1_extref__T_analog	150 kRad	15.25	19.424	19.4866	19.579	24.75	0.056509

Units ma



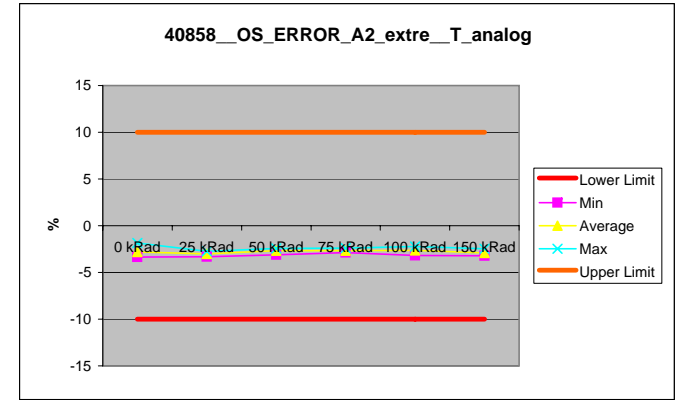
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40857__OS_A2_extref__T_analog	0 kRad	-4.8	0.094	0.211167	0.269	4.8	0.039199
40857__OS_A2_extref__T_analog	25 kRad	-4.8	0.054	0.0762	0.104	4.8	0.020572
40857__OS_A2_extref__T_analog	50 kRad	-4.8	0.041	0.0888	0.141	4.8	0.044533
40857__OS_A2_extref__T_analog	75 kRad	-4.8	0.066	0.1225	0.154	4.8	0.039026
40857__OS_A2_extref__T_analog	100 kRad	-4.8	0.066	0.1012	0.141	4.8	0.029761
40857__OS_A2_extref__T_analog	150 kRad	-4.8	0.054	0.0964	0.129	4.8	0.030022

Units ua



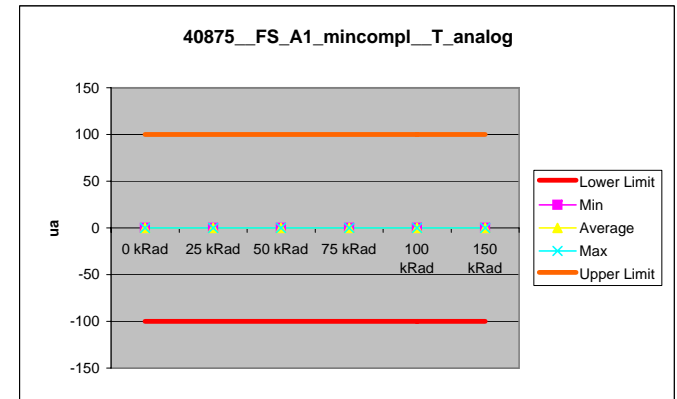
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40858_OS_ERROR_A2_extre__T_analog	0 kRad	-10	-3.36	-2.793542	-1.86	10	0.32143
40858_OS_ERROR_A2_extre__T_analog	25 kRad	-10	-3.31	-3.004	-2.73	10	0.232981
40858_OS_ERROR_A2_extre__T_analog	50 kRad	-10	-3.13	-2.686	-2.44	10	0.267638
40858_OS_ERROR_A2_extre__T_analog	75 kRad	-10	-2.87	-2.6775	-2.4	10	0.198725
40858_OS_ERROR_A2_extre__T_analog	100 kRad	-10	-3.19	-2.622	-2.22	10	0.355204
40858_OS_ERROR_A2_extre__T_analog	150 kRad	-10	-3.23	-2.922	-2.46	10	0.281372

Units %



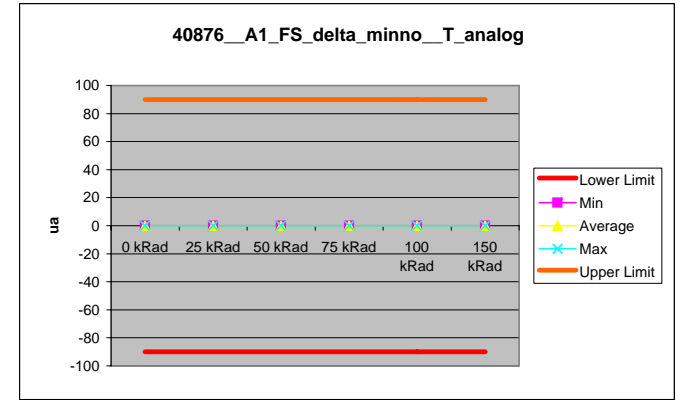
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40875_FS_A1_mincompl__T_analog	0 kRad	-100	0.08	0.082917	0.12	100	0.008241
40875_FS_A1_mincompl__T_analog	25 kRad	-100	0.12	0.122	0.13	100	0.004472
40875_FS_A1_mincompl__T_analog	50 kRad	-100	0.12	0.122	0.13	100	0.004472
40875_FS_A1_mincompl__T_analog	75 kRad	-100	0.12	0.1325	0.17	100	0.025
40875_FS_A1_mincompl__T_analog	100 kRad	-100	0.12	0.12	0.12	100	0
40875_FS_A1_mincompl__T_analog	150 kRad	-100	0.12	0.128	0.14	100	0.010954

Units ua



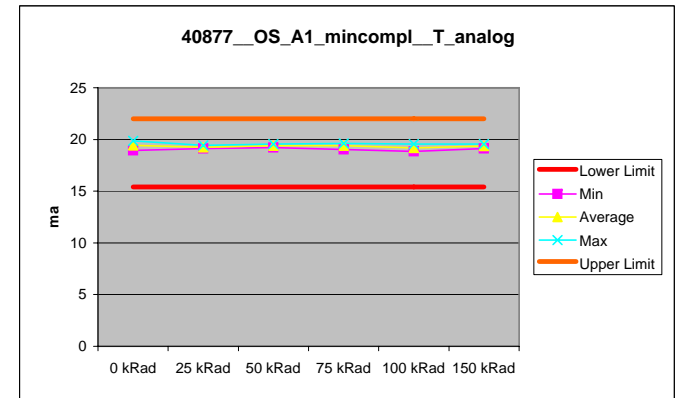
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40876__A1_FS_delta_minno__T_analog	0 kRad	-90	-0.04	0.002708	0.05	90	0.013004
40876__A1_FS_delta_minno__T_analog	25 kRad	-90	-0.01	0.006	0.03	90	0.015166
40876__A1_FS_delta_minno__T_analog	50 kRad	-90	0	0.008	0.03	90	0.013038
40876__A1_FS_delta_minno__T_analog	75 kRad	-90	-0.04	-0.0075	0.01	90	0.022174
40876__A1_FS_delta_minno__T_analog	100 kRad	-90	0	0.016	0.03	90	0.013416
40876__A1_FS_delta_minno__T_analog	150 kRad	-90	-0.03	0.002	0.03	90	0.030332

Units ua



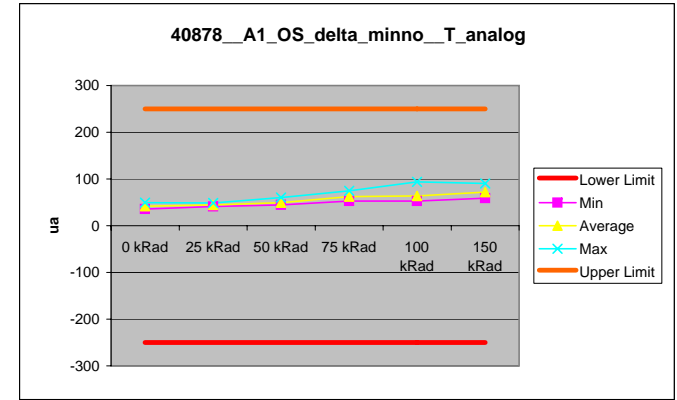
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40877__OS_A1_mincompl__T_analog	0 kRad	15.4	18.945	19.42454	19.876	22	0.214809
40877__OS_A1_mincompl__T_analog	25 kRad	15.4	19.109	19.26	19.428	22	0.130608
40877__OS_A1_mincompl__T_analog	50 kRad	15.4	19.21	19.4022	19.548	22	0.121397
40877__OS_A1_mincompl__T_analog	75 kRad	15.4	19.033	19.403	19.619	22	0.258338
40877__OS_A1_mincompl__T_analog	100 kRad	15.4	18.839	19.1954	19.548	22	0.262265
40877__OS_A1_mincompl__T_analog	150 kRad	15.4	19.135	19.375	19.539	22	0.178208

Units ma



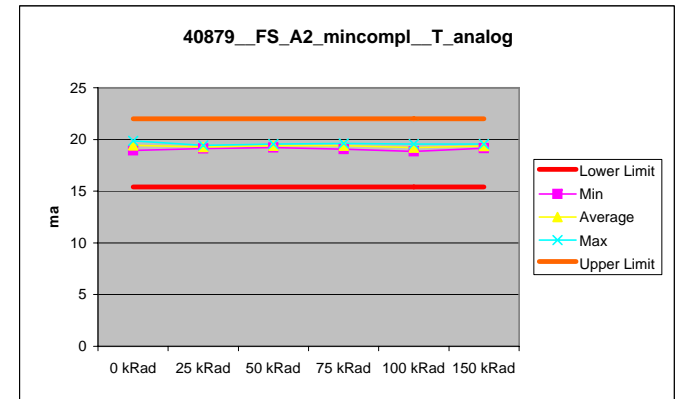
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40878__A1_OS_delta_minno__T_analog	0 kRad	-250	35.35	41.44646	49.27	250	2.453052
40878__A1_OS_delta_minno__T_analog	25 kRad	-250	40.99	44.45	48.89	250	2.857735
40878__A1_OS_delta_minno__T_analog	50 kRad	-250	44.37	49.638	60.17	250	6.766056
40878__A1_OS_delta_minno__T_analog	75 kRad	-250	52.65	62.4275	74.46	250	11.43923
40878__A1_OS_delta_minno__T_analog	100 kRad	-250	53.02	63.852	94.01	250	17.14451
40878__A1_OS_delta_minno__T_analog	150 kRad	-250	59.04	71.824	90.25	250	13.03902

Units ua



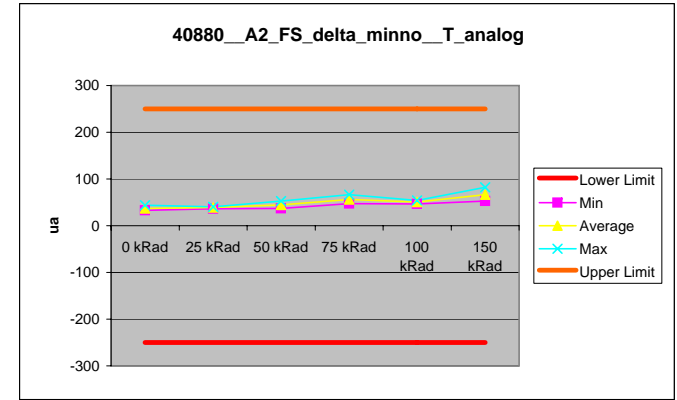
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40879__FS_A2_mincompl__T_analog	0 kRad	15.4	18.948	19.42725	19.877	22	0.214585
40879__FS_A2_mincompl__T_analog	25 kRad	15.4	19.113	19.2648	19.432	22	0.130697
40879__FS_A2_mincompl__T_analog	50 kRad	15.4	19.218	19.407	19.548	22	0.118737
40879__FS_A2_mincompl__T_analog	75 kRad	15.4	19.044	19.4105	19.629	22	0.256724
40879__FS_A2_mincompl__T_analog	100 kRad	15.4	18.846	19.2086	19.556	22	0.267065
40879__FS_A2_mincompl__T_analog	150 kRad	15.4	19.143	19.3808	19.545	22	0.177188

Units ma



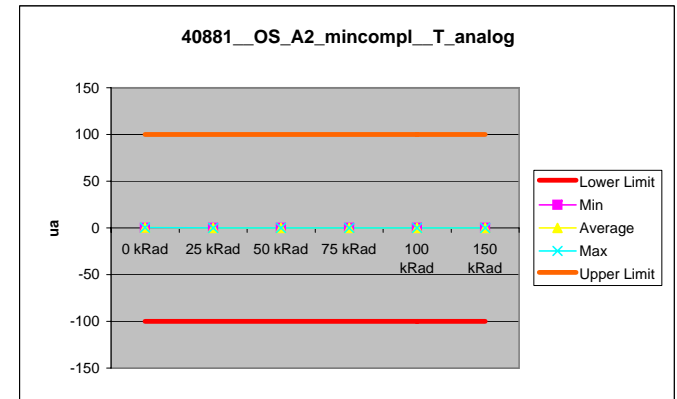
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40880__A2_FS_delta_minno__T_analog	0 kRad	-250	33.11	37.1625	43.64	250	2.02596
40880__A2_FS_delta_minno__T_analog	25 kRad	-250	36.5	38.98	40.26	250	1.562754
40880__A2_FS_delta_minno__T_analog	50 kRad	-250	36.87	44.548	53.05	250	6.40115
40880__A2_FS_delta_minno__T_analog	75 kRad	-250	47.41	56.44	66.22	250	10.23754
40880__A2_FS_delta_minno__T_analog	100 kRad	-250	46.66	50.572	53.81	250	3.041639
40880__A2_FS_delta_minno__T_analog	150 kRad	-250	53.05	66.374	82.03	250	12.89991

Units ua



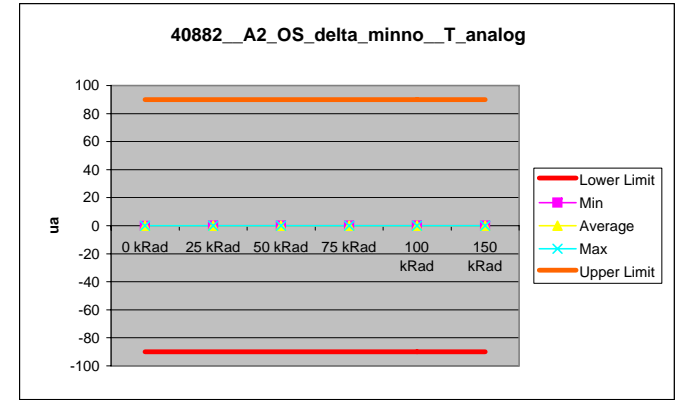
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40881__OS_A2_mincompl__T_analog	0 kRad	-100	0.14	0.202917	0.27	100	0.036725
40881__OS_A2_mincompl__T_analog	25 kRad	-100	0.05	0.08	0.1	100	0.018708
40881__OS_A2_mincompl__T_analog	50 kRad	-100	0.03	0.07	0.09	100	0.023452
40881__OS_A2_mincompl__T_analog	75 kRad	-100	0.12	0.1325	0.14	100	0.009574
40881__OS_A2_mincompl__T_analog	100 kRad	-100	0	0.054	0.1	100	0.038471
40881__OS_A2_mincompl__T_analog	150 kRad	-100	0.1	0.104	0.12	100	0.008944

Units ua



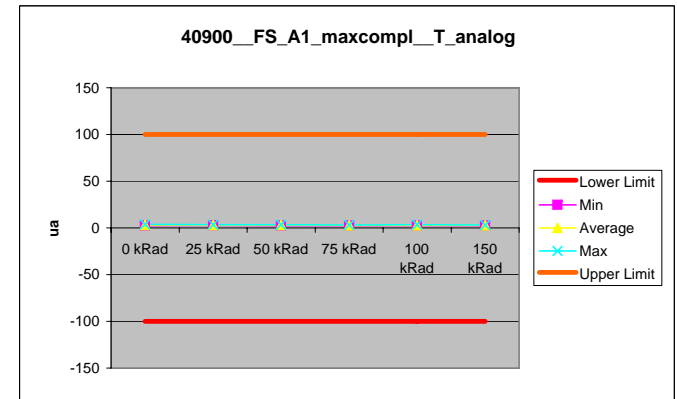
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40882__A2_OS_delta_minno__T_analog	0 kRad	-90	-0.14	0.01	0.1	90	0.054539
40882__A2_OS_delta_minno__T_analog	25 kRad	-90	-0.03	0.004	0.04	90	0.0251
40882__A2_OS_delta_minno__T_analog	50 kRad	-90	-0.01	0.046	0.11	90	0.047223
40882__A2_OS_delta_minno__T_analog	75 kRad	-90	-0.06	-0.0325	0.01	90	0.029861
40882__A2_OS_delta_minno__T_analog	100 kRad	-90	-0.04	0.038	0.09	90	0.055857
40882__A2_OS_delta_minno__T_analog	150 kRad	-90	-0.01	0.02	0.04	90	0.02

Units ua



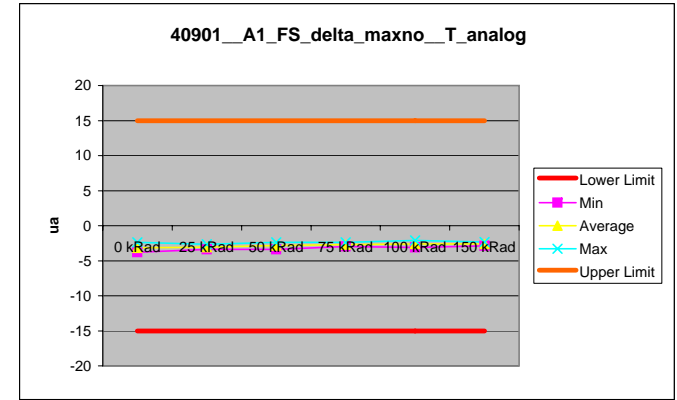
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40900__FS_A1_maxcompl__T_analog	0 kRad	-100	2.46	3.222917	3.9	100	0.327927
40900__FS_A1_maxcompl__T_analog	25 kRad	-100	2.75	3.198	3.5	100	0.273441
40900__FS_A1_maxcompl__T_analog	50 kRad	-100	2.5	2.958	3.51	100	0.427399
40900__FS_A1_maxcompl__T_analog	75 kRad	-100	2.5	2.805	3.12	100	0.25645
40900__FS_A1_maxcompl__T_analog	100 kRad	-100	2.23	2.744	3.26	100	0.398535
40900__FS_A1_maxcompl__T_analog	150 kRad	-100	2.5	2.736	3	100	0.17869

Units ua



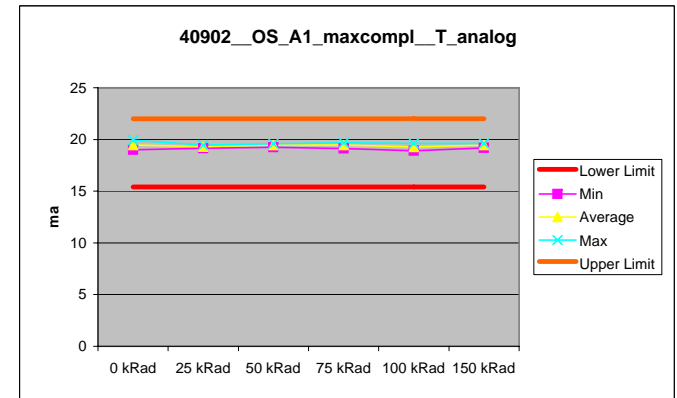
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40901__A1_FS_delta_maxno__T_analog	0 kRad	-15	-3.8	-3.134583	-2.38	15	0.327219
40901__A1_FS_delta_maxno__T_analog	25 kRad	-15	-3.37	-3.07	-2.63	15	0.269537
40901__A1_FS_delta_maxno__T_analog	50 kRad	-15	-3.38	-2.83	-2.37	15	0.430871
40901__A1_FS_delta_maxno__T_analog	75 kRad	-15	-2.99	-2.68	-2.37	15	0.256385
40901__A1_FS_delta_maxno__T_analog	100 kRad	-15	-3.12	-2.612	-2.09	15	0.400212
40901__A1_FS_delta_maxno__T_analog	150 kRad	-15	-2.88	-2.6	-2.35	15	0.188282

Units ua



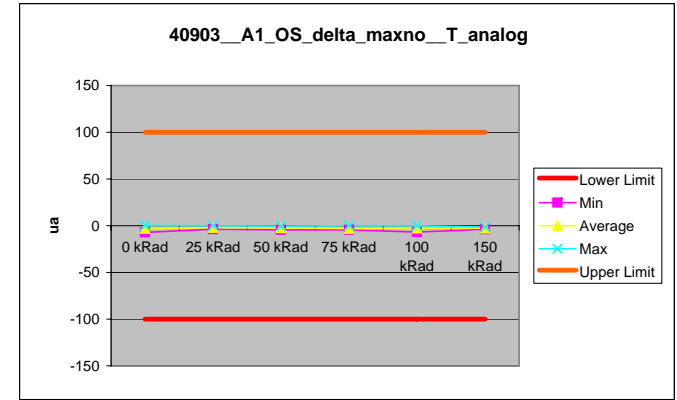
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40902__OS_A1_maxcompl__T_analog	0 kRad	15.4	18.984	19.4691	19.918	22	0.215284
40902__OS_A1_maxcompl__T_analog	25 kRad	15.4	19.153	19.3062	19.473	22	0.131071
40902__OS_A1_maxcompl__T_analog	50 kRad	15.4	19.255	19.4542	19.599	22	0.124212
40902__OS_A1_maxcompl__T_analog	75 kRad	15.4	19.112	19.4685	19.692	22	0.251864
40902__OS_A1_maxcompl__T_analog	100 kRad	15.4	18.898	19.2618	19.608	22	0.267352
40902__OS_A1_maxcompl__T_analog	150 kRad	15.4	19.196	19.4496	19.623	22	0.190215

Units ma



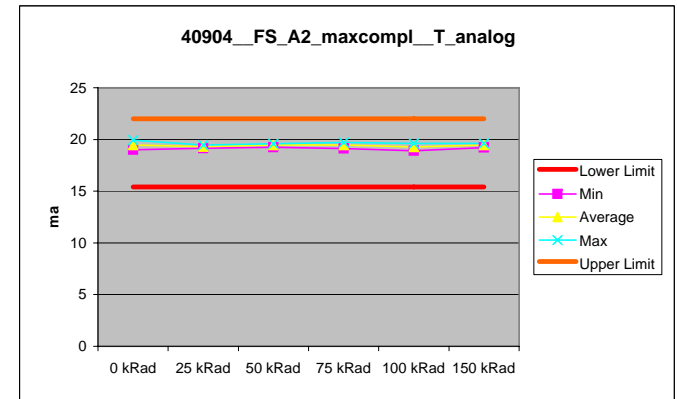
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40903_A1_OS_delta_maxno__T_analog	0 kRad	-100	-7.15	-3.054375	0.38	100	1.770601
40903_A1_OS_delta_maxno__T_analog	25 kRad	-100	-3.76	-2.03	0	100	1.63
40903_A1_OS_delta_maxno__T_analog	50 kRad	-100	-4.51	-2.482	-0.38	100	1.961459
40903_A1_OS_delta_maxno__T_analog	75 kRad	-100	-4.51	-2.9125	0	100	1.997622
40903_A1_OS_delta_maxno__T_analog	100 kRad	-100	-6.77	-2.858	0	100	2.641783
40903_A1_OS_delta_maxno__T_analog	150 kRad	-100	-3.76	-2.78	-1.5	100	1.015972

Units ua



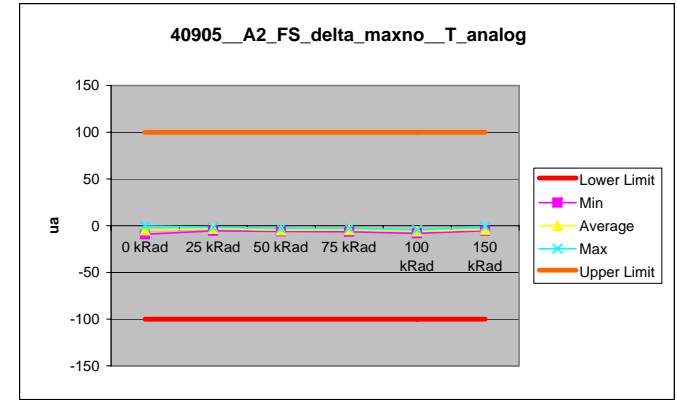
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40904_FS_A2_maxcompl__T_analog	0 kRad	15.4	18.985	19.46921	19.919	22	0.21492
40904_FS_A2_maxcompl__T_analog	25 kRad	15.4	19.154	19.307	19.472	22	0.13082
40904_FS_A2_maxcompl__T_analog	50 kRad	15.4	19.26	19.4562	19.598	22	0.122136
40904_FS_A2_maxcompl__T_analog	75 kRad	15.4	19.117	19.47175	19.696	22	0.25117
40904_FS_A2_maxcompl__T_analog	100 kRad	15.4	18.9	19.265	19.613	22	0.268714
40904_FS_A2_maxcompl__T_analog	150 kRad	15.4	19.201	19.451	19.624	22	0.187462

Units ma



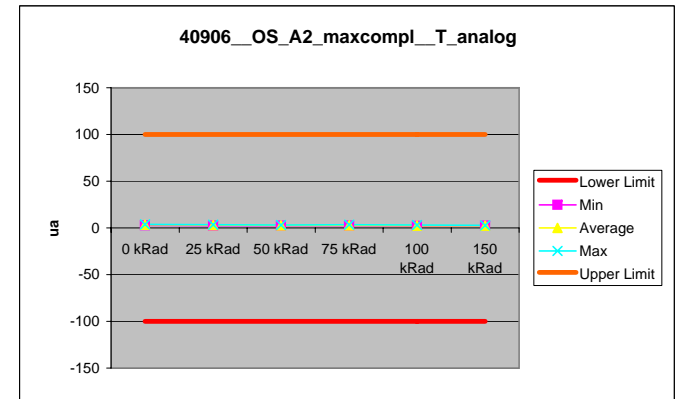
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40905__A2_FS_delta_maxno__T_analog	0 kRad	-100	-9.41	-4.7575	-0.38	100	1.595654
40905__A2_FS_delta_maxno__T_analog	25 kRad	-100	-5.64	-3.234	-1.88	100	1.447076
40905__A2_FS_delta_maxno__T_analog	50 kRad	-100	-6.02	-4.666	-2.63	100	1.266385
40905__A2_FS_delta_maxno__T_analog	75 kRad	-100	-6.4	-4.61	-2.63	100	1.610486
40905__A2_FS_delta_maxno__T_analog	100 kRad	-100	-8.28	-5.872	-4.52	100	1.540948
40905__A2_FS_delta_maxno__T_analog	150 kRad	-100	-5.64	-4.064	-1.13	100	1.79213

Units ua



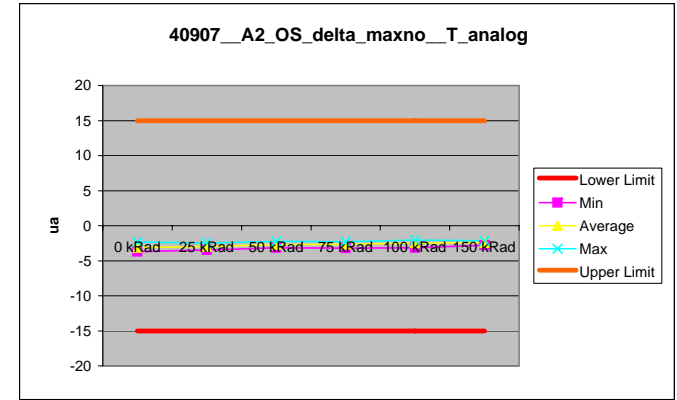
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40906__OS_A2_maxcompl__T_analog	0 kRad	-100	2.58	3.322083	3.9	100	0.354239
40906__OS_A2_maxcompl__T_analog	25 kRad	-100	2.52	3.056	3.57	100	0.433163
40906__OS_A2_maxcompl__T_analog	50 kRad	-100	2.38	2.798	3.19	100	0.361967
40906__OS_A2_maxcompl__T_analog	75 kRad	-100	2.39	2.7325	3.27	100	0.386124
40906__OS_A2_maxcompl__T_analog	100 kRad	-100	2.11	2.56	3.22	100	0.410305
40906__OS_A2_maxcompl__T_analog	150 kRad	-100	2.26	2.542	2.88	100	0.230695

Units ua



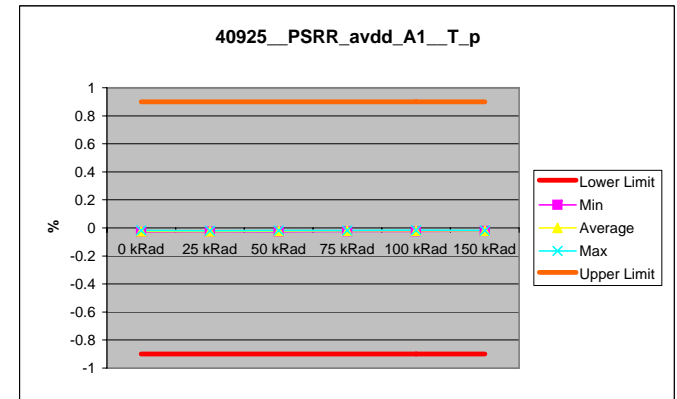
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40907__A2_OS_delta_maxno__T_analog	0 kRad	-15	-3.72	-3.108542	-2.34	15	0.362879
40907__A2_OS_delta_maxno__T_analog	25 kRad	-15	-3.45	-2.972	-2.47	15	0.414693
40907__A2_OS_delta_maxno__T_analog	50 kRad	-15	-3.13	-2.686	-2.24	15	0.38168
40907__A2_OS_delta_maxno__T_analog	75 kRad	-15	-3.19	-2.635	-2.3	15	0.392641
40907__A2_OS_delta_maxno__T_analog	100 kRad	-15	-3.14	-2.464	-2.04	15	0.413316
40907__A2_OS_delta_maxno__T_analog	150 kRad	-15	-2.77	-2.42	-2.13	15	0.23696

Units ua



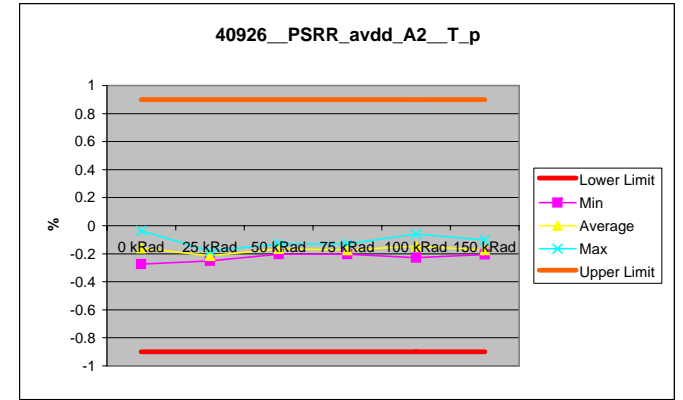
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40925__PSRR_avdd_A1__T_p	0 kRad	-0.9	-0.03	-0.025021	-0.019	0.9	0.002572
40925__PSRR_avdd_A1__T_p	25 kRad	-0.9	-0.027	-0.0244	-0.021	0.9	0.002191
40925__PSRR_avdd_A1__T_p	50 kRad	-0.9	-0.027	-0.0226	-0.019	0.9	0.003362
40925__PSRR_avdd_A1__T_p	75 kRad	-0.9	-0.024	-0.0215	-0.019	0.9	0.002082
40925__PSRR_avdd_A1__T_p	100 kRad	-0.9	-0.025	-0.0208	-0.017	0.9	0.003194
40925__PSRR_avdd_A1__T_p	150 kRad	-0.9	-0.023	-0.0206	-0.019	0.9	0.001517

Units %



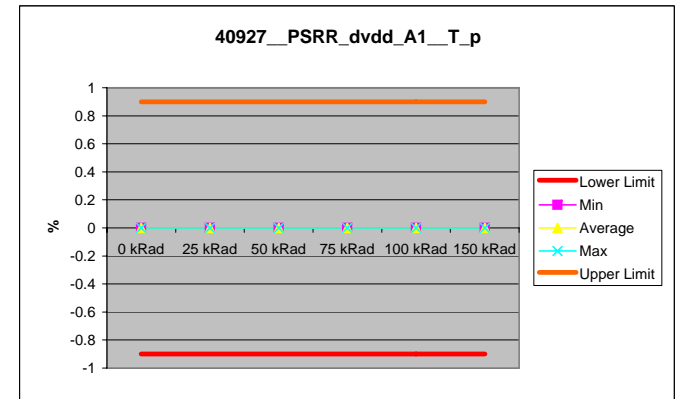
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40926__PSRR_avdd_A2__T_p	0 kRad	-0.9	-0.275	-0.160458	-0.037	0.9	0.049658
40926__PSRR_avdd_A2__T_p	25 kRad	-0.9	-0.25	-0.2136	-0.181	0.9	0.030005
40926__PSRR_avdd_A2__T_p	50 kRad	-0.9	-0.203	-0.1648	-0.131	0.9	0.027399
40926__PSRR_avdd_A2__T_p	75 kRad	-0.9	-0.203	-0.1735	-0.131	0.9	0.031639
40926__PSRR_avdd_A2__T_p	100 kRad	-0.9	-0.228	-0.1454	-0.059	0.9	0.071318
40926__PSRR_avdd_A2__T_p	150 kRad	-0.9	-0.206	-0.1738	-0.103	0.9	0.042387

Units %



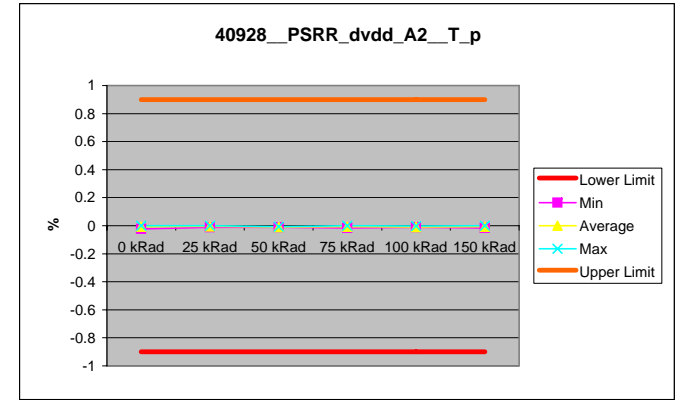
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40927__PSRR_dvdd_A1__T_p	0 kRad	-0.9	0	0	0	0.9	0
40927__PSRR_dvdd_A1__T_p	25 kRad	-0.9	0	0	0	0.9	0
40927__PSRR_dvdd_A1__T_p	50 kRad	-0.9	0	0	0	0.9	0
40927__PSRR_dvdd_A1__T_p	75 kRad	-0.9	0	0	0	0.9	0
40927__PSRR_dvdd_A1__T_p	100 kRad	-0.9	0	0	0	0.9	0
40927__PSRR_dvdd_A1__T_p	150 kRad	-0.9	0	0	0	0.9	0

Units %



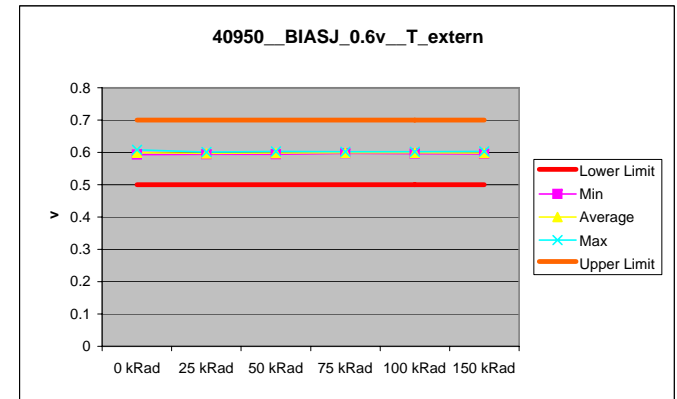
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40928__PSRR_dvdd_A2__T_p	0 kRad	-0.9	-0.022	-0.006063	0	0.9	0.006717
40928__PSRR_dvdd_A2__T_p	25 kRad	-0.9	-0.012	-0.0054	0	0.9	0.005367
40928__PSRR_dvdd_A2__T_p	50 kRad	-0.9	-0.012	-0.009	-0.006	0.9	0.003
40928__PSRR_dvdd_A2__T_p	75 kRad	-0.9	-0.016	-0.007	0	0.9	0.006633
40928__PSRR_dvdd_A2__T_p	100 kRad	-0.9	-0.012	-0.009	-0.003	0.9	0.004243
40928__PSRR_dvdd_A2__T_p	150 kRad	-0.9	-0.016	-0.0074	0	0.9	0.006542

Units %



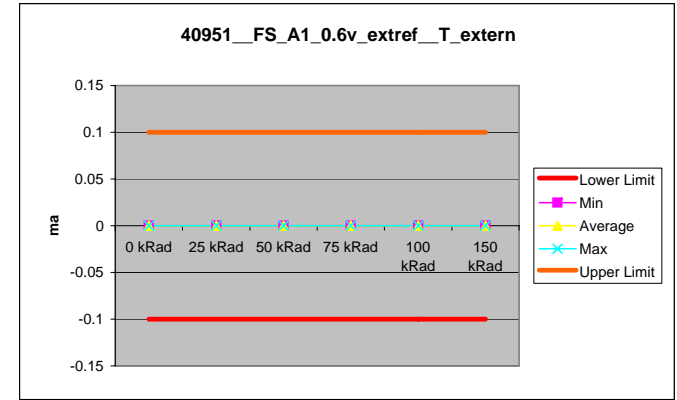
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40950__BIASJ_0.6v__T_extern	0 kRad	0.5	0.593	0.598708	0.608	0.7	0.0033
40950__BIASJ_0.6v__T_extern	25 kRad	0.5	0.594	0.5968	0.601	0.7	0.00295
40950__BIASJ_0.6v__T_extern	50 kRad	0.5	0.594	0.5976	0.603	0.7	0.004099
40950__BIASJ_0.6v__T_extern	75 kRad	0.5	0.597	0.599	0.602	0.7	0.00216
40950__BIASJ_0.6v__T_extern	100 kRad	0.5	0.596	0.599	0.602	0.7	0.002236
40950__BIASJ_0.6v__T_extern	150 kRad	0.5	0.595	0.5984	0.603	0.7	0.002966

Units v



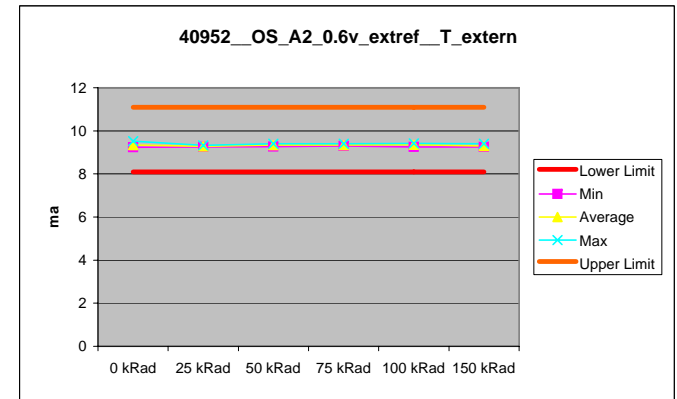
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40951_FS_A1_0.6v_extref__T_extern	0 kRad	-0.1	0	0	0	0.1	0
40951_FS_A1_0.6v_extref__T_extern	25 kRad	-0.1	0	0	0	0.1	0
40951_FS_A1_0.6v_extref__T_extern	50 kRad	-0.1	0	0	0	0.1	0
40951_FS_A1_0.6v_extref__T_extern	75 kRad	-0.1	0	0	0	0.1	0
40951_FS_A1_0.6v_extref__T_extern	100 kRad	-0.1	0	0	0	0.1	0
40951_FS_A1_0.6v_extref__T_extern	150 kRad	-0.1	0	0	0	0.1	0

Units ma



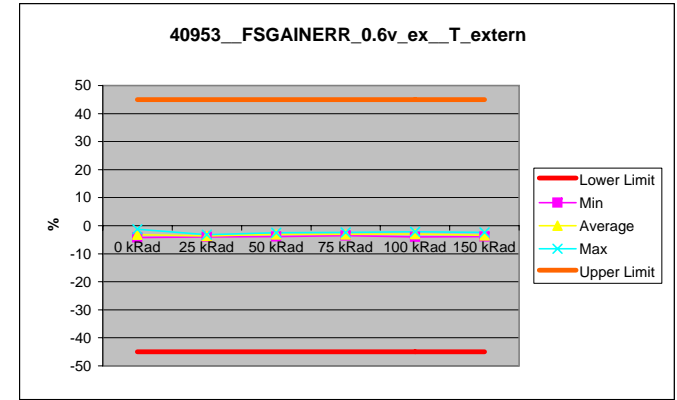
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40952_OS_A2_0.6v_extref__T_extern	0 kRad	8.1	9.236	9.336146	9.514	11.1	0.060201
40952_OS_A2_0.6v_extref__T_extern	25 kRad	8.1	9.25	9.287	9.333	11.1	0.04235
40952_OS_A2_0.6v_extref__T_extern	50 kRad	8.1	9.265	9.3422	9.397	11.1	0.050968
40952_OS_A2_0.6v_extref__T_extern	75 kRad	8.1	9.299	9.3435	9.401	11.1	0.042438
40952_OS_A2_0.6v_extref__T_extern	100 kRad	8.1	9.254	9.354	9.423	11.1	0.062398
40952_OS_A2_0.6v_extref__T_extern	150 kRad	8.1	9.258	9.3038	9.401	11.1	0.056637

Units ma



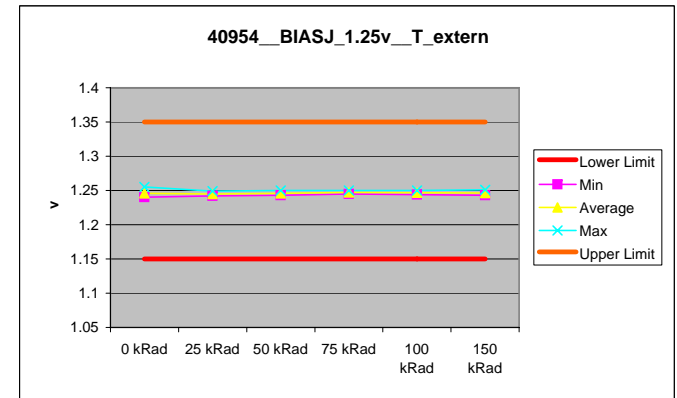
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40953__FSGAINERR_0.6v_ex__T_extern	0 kRad	-45	-4.191	-3.147854	-1.303	45	0.624966
40953__FSGAINERR_0.6v_ex__T_extern	25 kRad	-45	-3.999	-3.6164	-3.14	45	0.438664
40953__FSGAINERR_0.6v_ex__T_extern	50 kRad	-45	-3.843	-3.0462	-2.476	45	0.527361
40953__FSGAINERR_0.6v_ex__T_extern	75 kRad	-45	-3.491	-3.0325	-2.437	45	0.43866
40953__FSGAINERR_0.6v_ex__T_extern	100 kRad	-45	-3.96	-2.9214	-2.203	45	0.648471
40953__FSGAINERR_0.6v_ex__T_extern	150 kRad	-45	-3.921	-3.4446	-2.437	45	0.587412

Units %



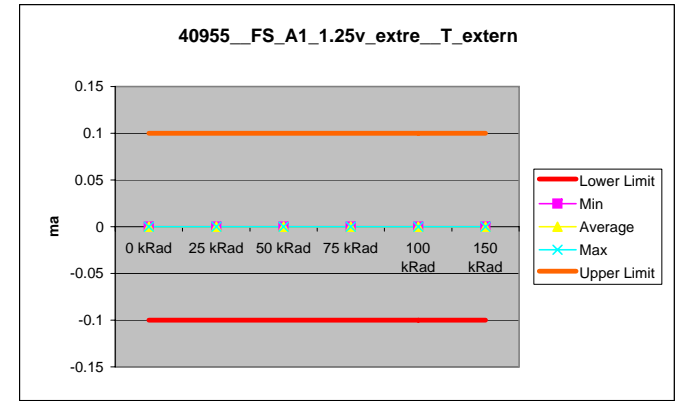
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40954__BIASJ_1.25v__T_extern	0 kRad	1.15	1.24	1.246	1.255	1.35	0.003249
40954__BIASJ_1.25v__T_extern	25 kRad	1.15	1.242	1.2448	1.249	1.35	0.00295
40954__BIASJ_1.25v__T_extern	50 kRad	1.15	1.243	1.2456	1.25	1.35	0.003578
40954__BIASJ_1.25v__T_extern	75 kRad	1.15	1.245	1.24725	1.25	1.35	0.002217
40954__BIASJ_1.25v__T_extern	100 kRad	1.15	1.244	1.2468	1.25	1.35	0.002387
40954__BIASJ_1.25v__T_extern	150 kRad	1.15	1.243	1.2464	1.251	1.35	0.002966

Units v



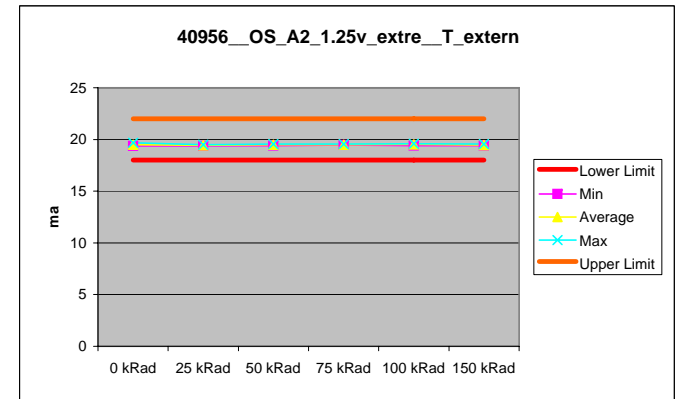
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40955_FS_A1_1.25v_extre__T_extern	0 kRad	-0.1	0	0	0	0.1	0
40955_FS_A1_1.25v_extre__T_extern	25 kRad	-0.1	0	0	0	0.1	0
40955_FS_A1_1.25v_extre__T_extern	50 kRad	-0.1	0	0	0	0.1	0
40955_FS_A1_1.25v_extre__T_extern	75 kRad	-0.1	0	0	0	0.1	0
40955_FS_A1_1.25v_extre__T_extern	100 kRad	-0.1	0	0	0	0.1	0
40955_FS_A1_1.25v_extre__T_extern	150 kRad	-0.1	0	0	0	0.1	0

Units ma



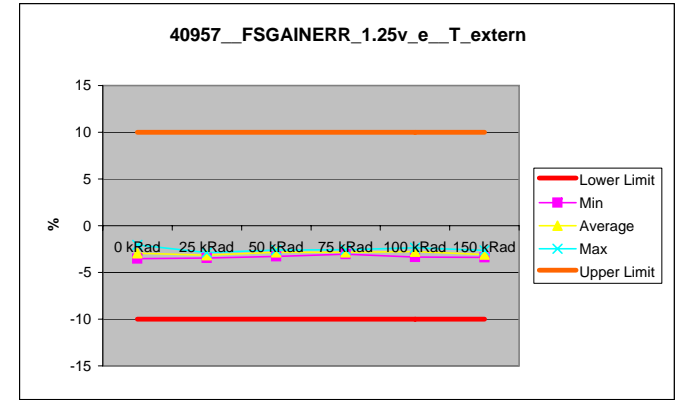
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40956_OS_A2_1.25v_extre__T_extern	0 kRad	18	19.375	19.48758	19.672	22	0.063575
40956_OS_A2_1.25v_extre__T_extern	25 kRad	18	19.379	19.4402	19.496	22	0.046084
40956_OS_A2_1.25v_extre__T_extern	50 kRad	18	19.413	19.5006	19.549	22	0.052852
40956_OS_A2_1.25v_extre__T_extern	75 kRad	18	19.462	19.5035	19.56	22	0.041065
40956_OS_A2_1.25v_extre__T_extern	100 kRad	18	19.402	19.515	19.598	22	0.071327
40956_OS_A2_1.25v_extre__T_extern	150 kRad	18	19.391	19.4548	19.545	22	0.055903

Units ma



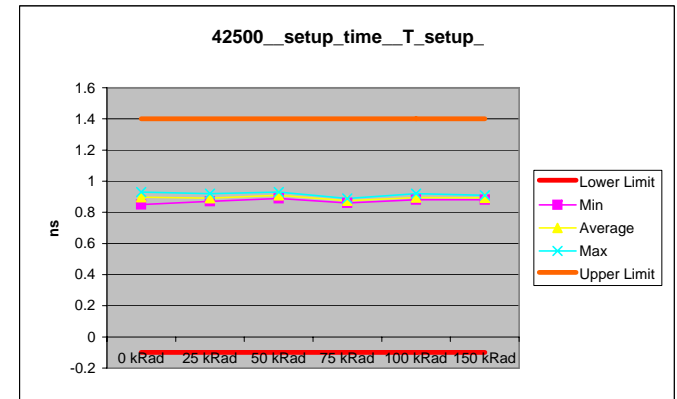
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
40957__FSGAINERR_1.25v_e__T_extern	0 kRad	-10	-3.521	-2.961604	-2.041	10	0.316516
40957__FSGAINERR_1.25v_e__T_extern	25 kRad	-10	-3.462	-3.1582	-2.881	10	0.228534
40957__FSGAINERR_1.25v_e__T_extern	50 kRad	-10	-3.293	-2.858	-2.618	10	0.262308
40957__FSGAINERR_1.25v_e__T_extern	75 kRad	-10	-3.049	-2.843	-2.562	10	0.204038
40957__FSGAINERR_1.25v_e__T_extern	100 kRad	-10	-3.349	-2.787	-2.375	10	0.354651
40957__FSGAINERR_1.25v_e__T_extern	150 kRad	-10	-3.405	-3.0868	-2.637	10	0.278827

Units %



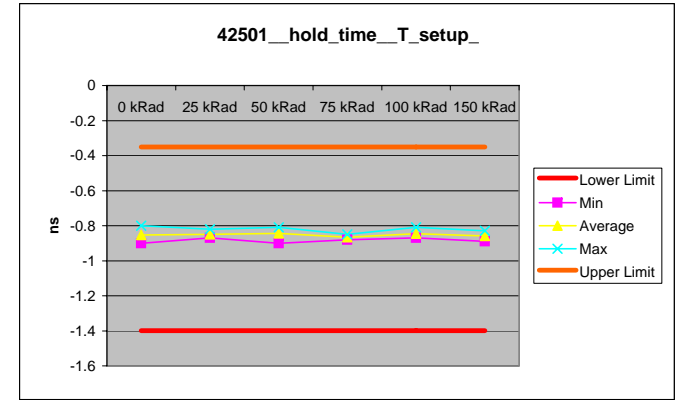
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
42500__setup_time__T_setup__	0 kRad	-0.1	0.85	0.896667	0.93	1.4	0.019056
42500__setup_time__T_setup__	25 kRad	-0.1	0.87	0.892	0.92	1.4	0.019235
42500__setup_time__T_setup__	50 kRad	-0.1	0.89	0.91	0.93	1.4	0.015811
42500__setup_time__T_setup__	75 kRad	-0.1	0.86	0.875	0.89	1.4	0.01291
42500__setup_time__T_setup__	100 kRad	-0.1	0.88	0.896	0.92	1.4	0.016733
42500__setup_time__T_setup__	150 kRad	-0.1	0.88	0.894	0.91	1.4	0.013416

Units ns



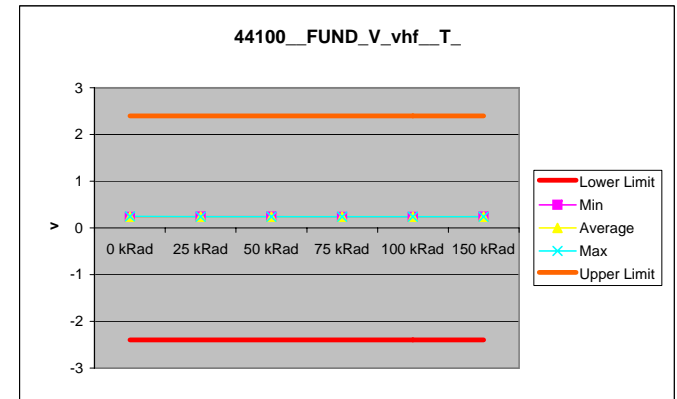
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
42501__hold_time__T_setup__	0 kRad	-1.4	-0.9	-0.853125	-0.8	-0.35	0.023714
42501__hold_time__T_setup__	25 kRad	-1.4	-0.87	-0.85	-0.82	-0.35	0.018708
42501__hold_time__T_setup__	50 kRad	-1.4	-0.9	-0.844	-0.81	-0.35	0.035071
42501__hold_time__T_setup__	75 kRad	-1.4	-0.88	-0.865	-0.85	-0.35	0.017321
42501__hold_time__T_setup__	100 kRad	-1.4	-0.87	-0.846	-0.81	-0.35	0.0251
42501__hold_time__T_setup__	150 kRad	-1.4	-0.89	-0.858	-0.83	-0.35	0.021679

Units ns



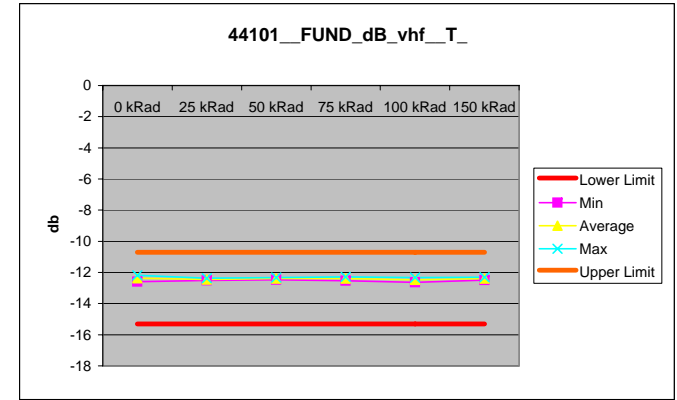
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44100__FUND_V_vhf__T__	0 kRad	-2.4	0.235	0.240542	0.246	2.4	0.002568
44100__FUND_V_vhf__T__	25 kRad	-2.4	0.237	0.2384	0.24	2.4	0.001342
44100__FUND_V_vhf__T__	50 kRad	-2.4	0.238	0.2402	0.242	2.4	0.001483
44100__FUND_V_vhf__T__	75 kRad	-2.4	0.236	0.24025	0.243	2.4	0.003096
44100__FUND_V_vhf__T__	100 kRad	-2.4	0.233	0.2376	0.242	2.4	0.003362
44100__FUND_V_vhf__T__	150 kRad	-2.4	0.237	0.24	0.242	2.4	0.002345

Units v



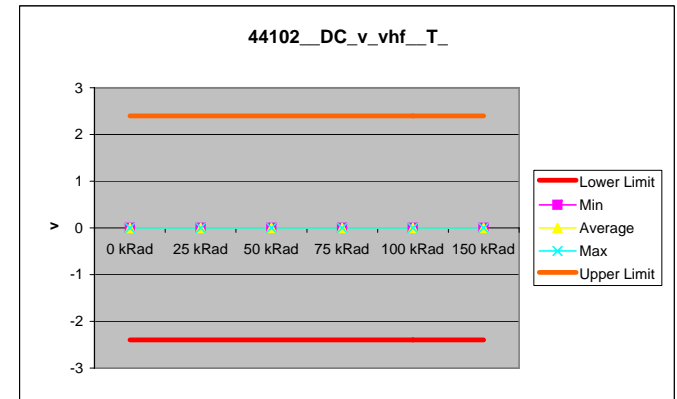
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44101__FUND_dB_vhf__T_	0 kRad	-15.3	-12.6	-12.37833	-12.18	-10.7	0.095724
44101__FUND_dB_vhf__T_	25 kRad	-15.3	-12.52	-12.454	-12.38	-10.7	0.057271
44101__FUND_dB_vhf__T_	50 kRad	-15.3	-12.48	-12.39	-12.33	-10.7	0.054772
44101__FUND_dB_vhf__T_	75 kRad	-15.3	-12.54	-12.3825	-12.28	-10.7	0.112657
44101__FUND_dB_vhf__T_	100 kRad	-15.3	-12.64	-12.476	-12.32	-10.7	0.119708
44101__FUND_dB_vhf__T_	150 kRad	-15.3	-12.5	-12.39	-12.31	-10.7	0.082765

Units db



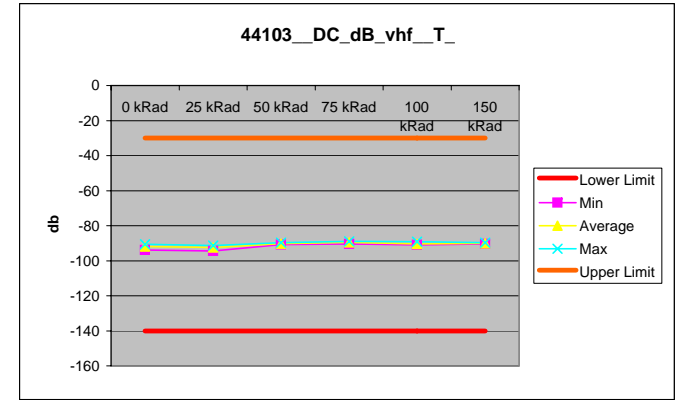
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44102__DC_v_vhf__T_	0 kRad	-2.4	0	0	0	2.4	0
44102__DC_v_vhf__T_	25 kRad	-2.4	0	0	0	2.4	0
44102__DC_v_vhf__T_	50 kRad	-2.4	0	0	0	2.4	0
44102__DC_v_vhf__T_	75 kRad	-2.4	0	0	0	2.4	0
44102__DC_v_vhf__T_	100 kRad	-2.4	0	0	0	2.4	0
44102__DC_v_vhf__T_	150 kRad	-2.4	0	0	0	2.4	0

Units v



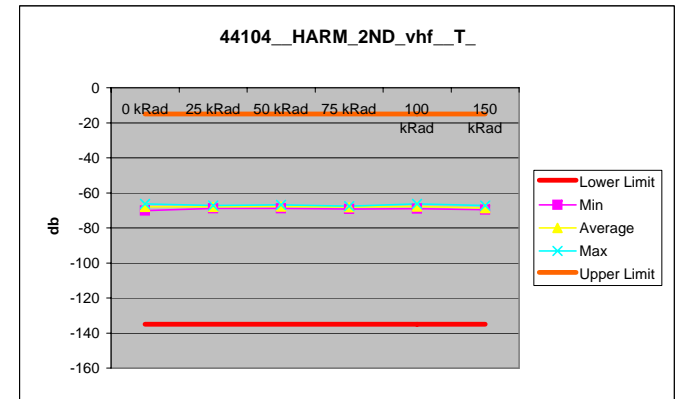
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44103_DC_dB_vhf__T_	0 kRad	-140	-93.81	-91.94021	-90.62	-30	0.717138
44103_DC_dB_vhf__T_	25 kRad	-140	-94.51	-92.374	-91.24	-30	1.32813
44103_DC_dB_vhf__T_	50 kRad	-140	-90.83	-90.29	-89.65	-30	0.504975
44103_DC_dB_vhf__T_	75 kRad	-140	-90.35	-89.56	-89.03	-30	0.566569
44103_DC_dB_vhf__T_	100 kRad	-140	-91	-90.346	-89.15	-30	0.726278
44103_DC_dB_vhf__T_	150 kRad	-140	-90.41	-90.132	-89.7	-30	0.278873

Units db



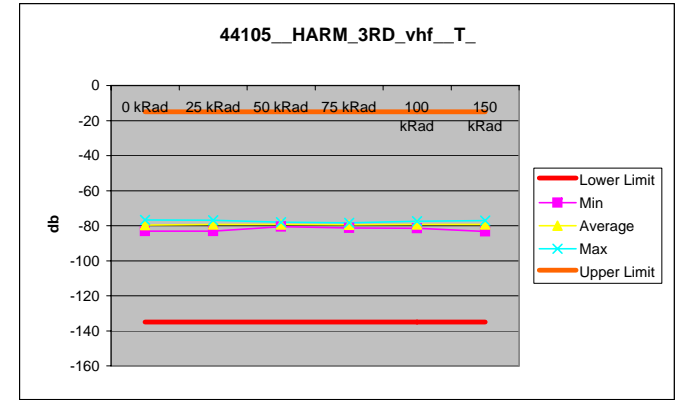
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44104_HARM_2ND_vhf__T_	0 kRad	-135	-70.2	-67.99688	-66.28	-15	0.764222
44104_HARM_2ND_vhf__T_	25 kRad	-135	-68.79	-67.958	-67.22	-15	0.604003
44104_HARM_2ND_vhf__T_	50 kRad	-135	-68.82	-67.818	-66.83	-15	0.740993
44104_HARM_2ND_vhf__T_	75 kRad	-135	-69.16	-68.165	-67.5	-15	0.713185
44104_HARM_2ND_vhf__T_	100 kRad	-135	-69.09	-67.774	-66.25	-15	1.076443
44104_HARM_2ND_vhf__T_	150 kRad	-135	-69.56	-68.698	-67.15	-15	0.922535

Units db



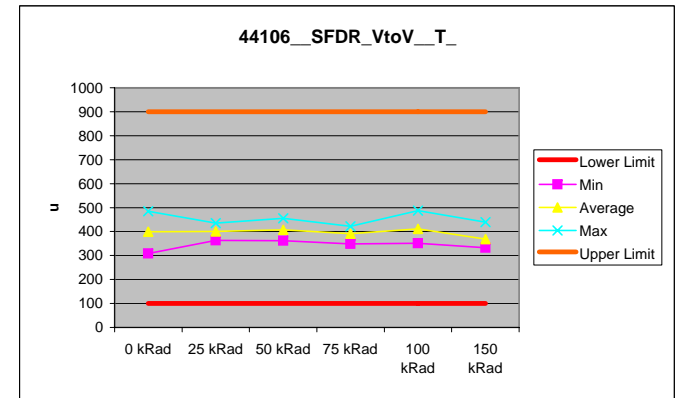
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44105__HARM_3RD_vhf__T_	0 kRad	-135	-83.09	-79.5775	-76.63	-15	1.573802
44105__HARM_3RD_vhf__T_	25 kRad	-135	-83.03	-79.234	-76.86	-15	2.421493
44105__HARM_3RD_vhf__T_	50 kRad	-135	-80.56	-79.192	-77.93	-15	1.223916
44105__HARM_3RD_vhf__T_	75 kRad	-135	-81.19	-79.405	-78.39	-15	1.226744
44105__HARM_3RD_vhf__T_	100 kRad	-135	-81.43	-79.33	-77.47	-15	1.778834
44105__HARM_3RD_vhf__T_	150 kRad	-135	-83.31	-79.232	-77.06	-15	2.436733

Units db



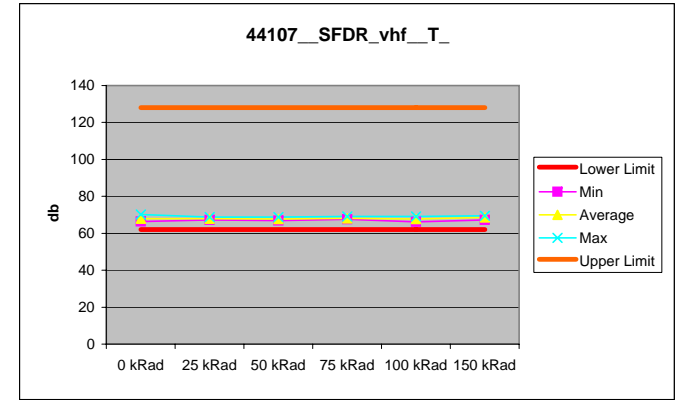
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44106__SFDR_VtoV__T_	0 kRad	100	309.03	399.7658	485.06	900	34.91584
44106__SFDR_VtoV__T_	25 kRad	100	363.68	400.954	435.65	900	27.72487
44106__SFDR_VtoV__T_	50 kRad	100	362.29	407.79	455.65	900	34.79492
44106__SFDR_VtoV__T_	75 kRad	100	348.29	391.5625	421.57	900	31.33597
44106__SFDR_VtoV__T_	100 kRad	100	351.19	411.19	486.98	900	51.75887
44106__SFDR_VtoV__T_	150 kRad	100	332.79	369.094	438.95	900	41.0976

Units u



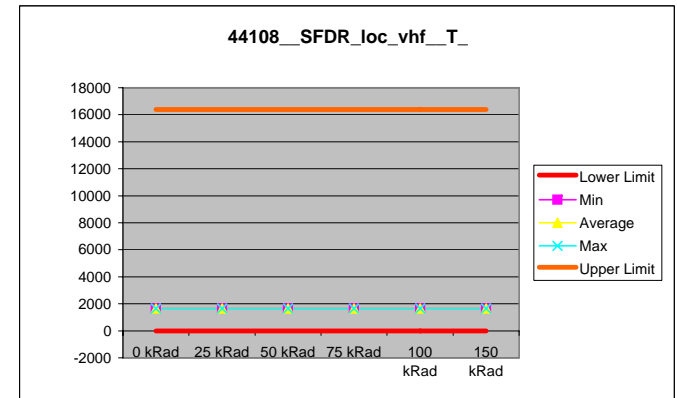
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44107__SFDR_vhf__T__	0 kRad	62	66.28	67.99688	70.2	128	0.764222
44107__SFDR_vhf__T__	25 kRad	62	67.22	67.958	68.79	128	0.604003
44107__SFDR_vhf__T__	50 kRad	62	66.83	67.818	68.82	128	0.740993
44107__SFDR_vhf__T__	75 kRad	62	67.5	68.165	69.16	128	0.713185
44107__SFDR_vhf__T__	100 kRad	62	66.25	67.774	69.09	128	1.076443
44107__SFDR_vhf__T__	150 kRad	62	67.15	68.698	69.56	128	0.922535

Units db



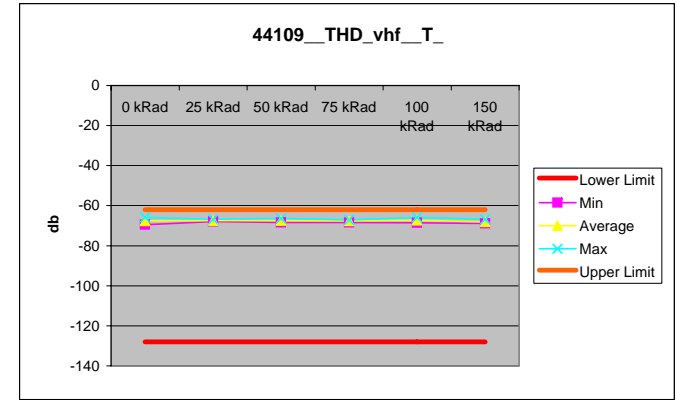
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44108__SFDR_loc_vhf__T__	0 kRad	-1	1650	1650	1650	16385	0
44108__SFDR_loc_vhf__T__	25 kRad	-1	1650	1650	1650	16385	0
44108__SFDR_loc_vhf__T__	50 kRad	-1	1650	1650	1650	16385	0
44108__SFDR_loc_vhf__T__	75 kRad	-1	1650	1650	1650	16385	0
44108__SFDR_loc_vhf__T__	100 kRad	-1	1650	1650	1650	16385	0
44108__SFDR_loc_vhf__T__	150 kRad	-1	1650	1650	1650	16385	0

Units



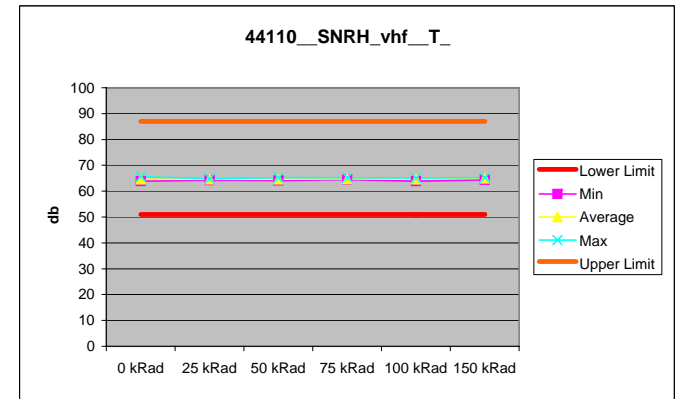
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44109__THD_vhf__T__	0 kRad	-128	-69.53	-67.54	-65.8	-62	0.717943
44109__THD_vhf__T__	25 kRad	-128	-68	-67.486	-66.8	-62	0.445848
44109__THD_vhf__T__	50 kRad	-128	-68.39	-67.364	-66.39	-62	0.755566
44109__THD_vhf__T__	75 kRad	-128	-68.46	-67.63	-67.18	-62	0.576599
44109__THD_vhf__T__	100 kRad	-128	-68.61	-67.322	-65.82	-62	1.030083
44109__THD_vhf__T__	150 kRad	-128	-68.89	-68.096	-66.8	-62	0.783792

Units db



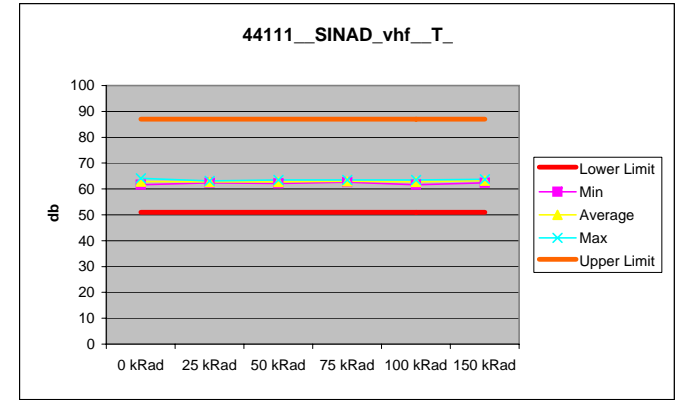
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44110__SNRH_vhf__T__	0 kRad	51	63.82	64.66396	65.59	87	0.363662
44110__SNRH_vhf__T__	25 kRad	51	64.27	64.594	64.86	87	0.250659
44110__SNRH_vhf__T__	50 kRad	51	64.1	64.606	65.19	87	0.399224
44110__SNRH_vhf__T__	75 kRad	51	64.49	64.745	65.24	87	0.340245
44110__SNRH_vhf__T__	100 kRad	51	63.8	64.562	65.1	87	0.493376
44110__SNRH_vhf__T__	150 kRad	51	64.31	64.932	65.26	87	0.366702

Units db



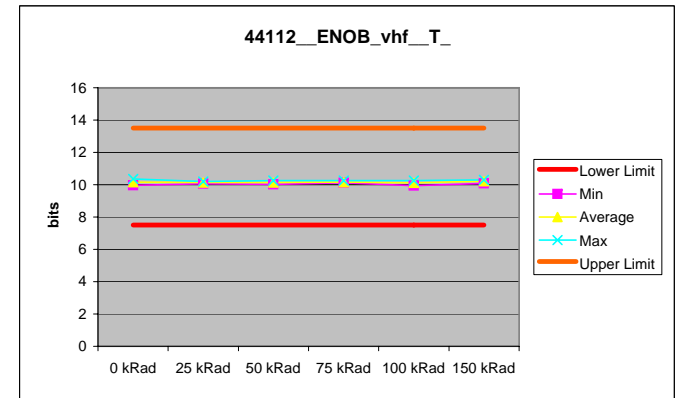
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44111__SINAD_vhf__T_	0 kRad	51	61.69	62.855	64.12	87	0.48085
44111__SINAD_vhf__T_	25 kRad	51	62.34	62.792	63.12	87	0.307847
44111__SINAD_vhf__T_	50 kRad	51	62.08	62.756	63.49	87	0.521852
44111__SINAD_vhf__T_	75 kRad	51	62.62	62.9425	63.55	87	0.420268
44111__SINAD_vhf__T_	100 kRad	51	61.69	62.71	63.5	87	0.677532
44111__SINAD_vhf__T_	150 kRad	51	62.37	63.218	63.69	87	0.50445

Units db



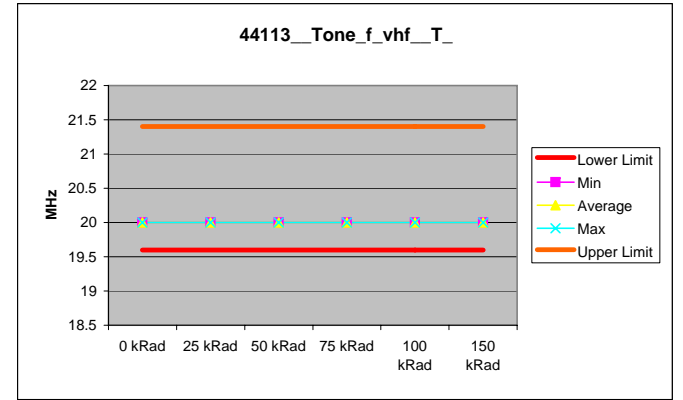
Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44112__ENOB_vhf__T_	0 kRad	7.5	9.96	10.14938	10.36	13.5	0.080091
44112__ENOB_vhf__T_	25 kRad	7.5	10.06	10.138	10.19	13.5	0.052154
44112__ENOB_vhf__T_	50 kRad	7.5	10.02	10.132	10.25	13.5	0.085264
44112__ENOB_vhf__T_	75 kRad	7.5	10.11	10.16	10.26	13.5	0.068799
44112__ENOB_vhf__T_	100 kRad	7.5	9.95	10.124	10.26	13.5	0.115456
44112__ENOB_vhf__T_	150 kRad	7.5	10.07	10.21	10.29	13.5	0.083666

Units bits



Parameter	Exposure	Lower Limit	Min	Average	Max	Upper Limit	Std
44113__Tone_f_vhf__T_	0 kRad	19.6	20	20	20	21.4	0
44113__Tone_f_vhf__T_	25 kRad	19.6	20	20	20	21.4	0
44113__Tone_f_vhf__T_	50 kRad	19.6	20	20	20	21.4	0
44113__Tone_f_vhf__T_	75 kRad	19.6	20	20	20	21.4	0
44113__Tone_f_vhf__T_	100 kRad	19.6	20	20	20	21.4	0
44113__Tone_f_vhf__T_	150 kRad	19.6	20	20	20	21.4	0

Units MHz



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