



AHEAD OF WHAT'S POSSIBLE™

HIGH DOSE RADIATION TEST REPORT RH6105MW



Radiation Test Report	
Product:	RH6105MW
Gamma:	0,10K, 20K, 50K, 100K, 200K
Gamma Source:	Co60/TM1019 Condition A
Dose Rate:	50 Rad/s
Facilities:	DMEA/MEBD

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It is the responsibility of the Procuring Activity to screen products from Analog Devices, Inc. for compliance to Nuclear Hardness Critical Items (HCI) specifications.

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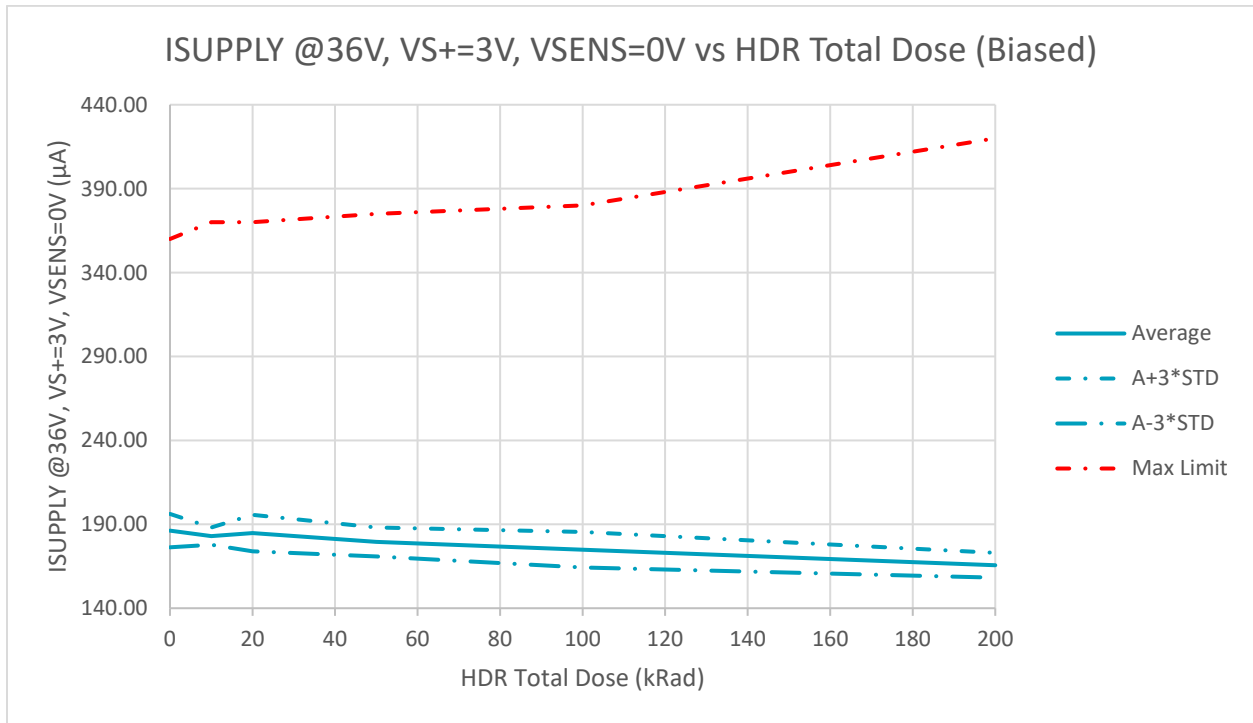
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ISUPPLY @36V, VS+=3V, VSENS=0V (μA)

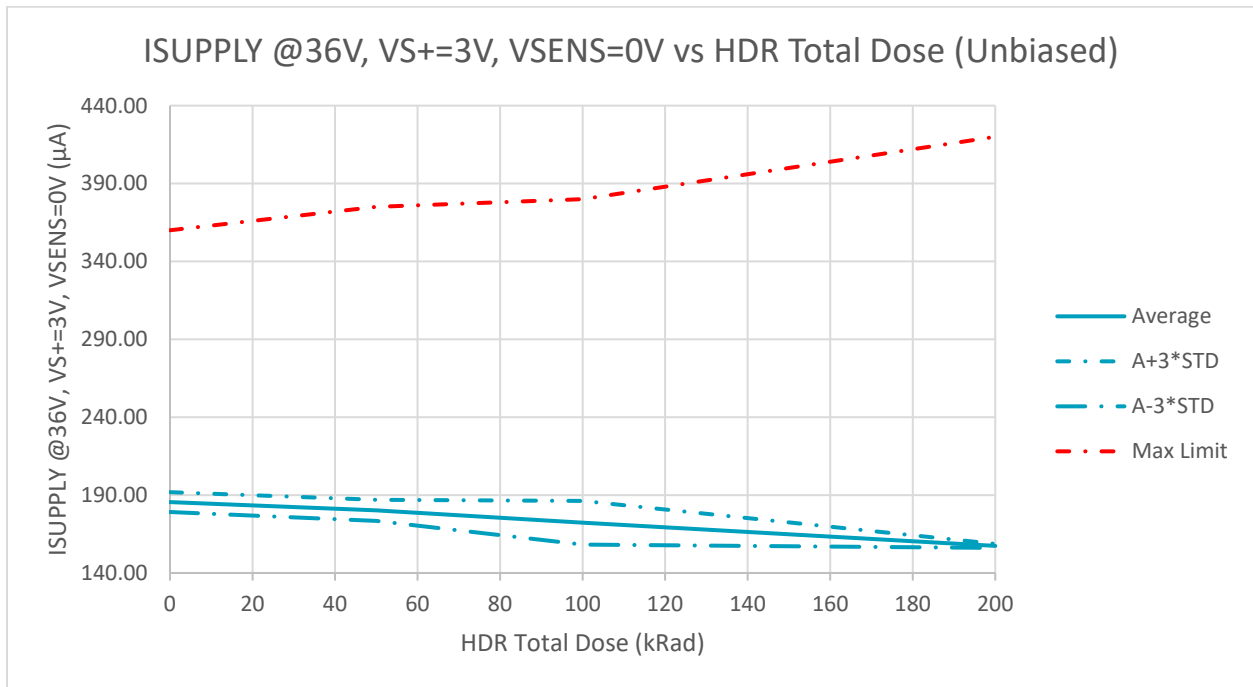
ISUPPLY @36V, VS+=3V, VSENS=0V (μA) (Biased)

ISUPPLY @36V, VS+=3V, VSENS=0V (μA) (Biased)						
Dose	0	10	20	50	100	200
Average	186.2277	182.9480	184.7696	179.5093	174.8752	165.6106
STD	3.3200	1.7120	3.6358	2.8721	3.5338	2.4647
A+3*STD	196.1877	188.0839	195.6769	188.1256	185.4766	173.0046
A-3*STD	176.2678	177.8121	173.8623	170.8930	164.2738	158.2167
Min Limit						
Max Limit	360	370	370	375	380	420



ISUPPLY @36V, VS+=3V, VSENS=0V (μ A) (Unbiased)

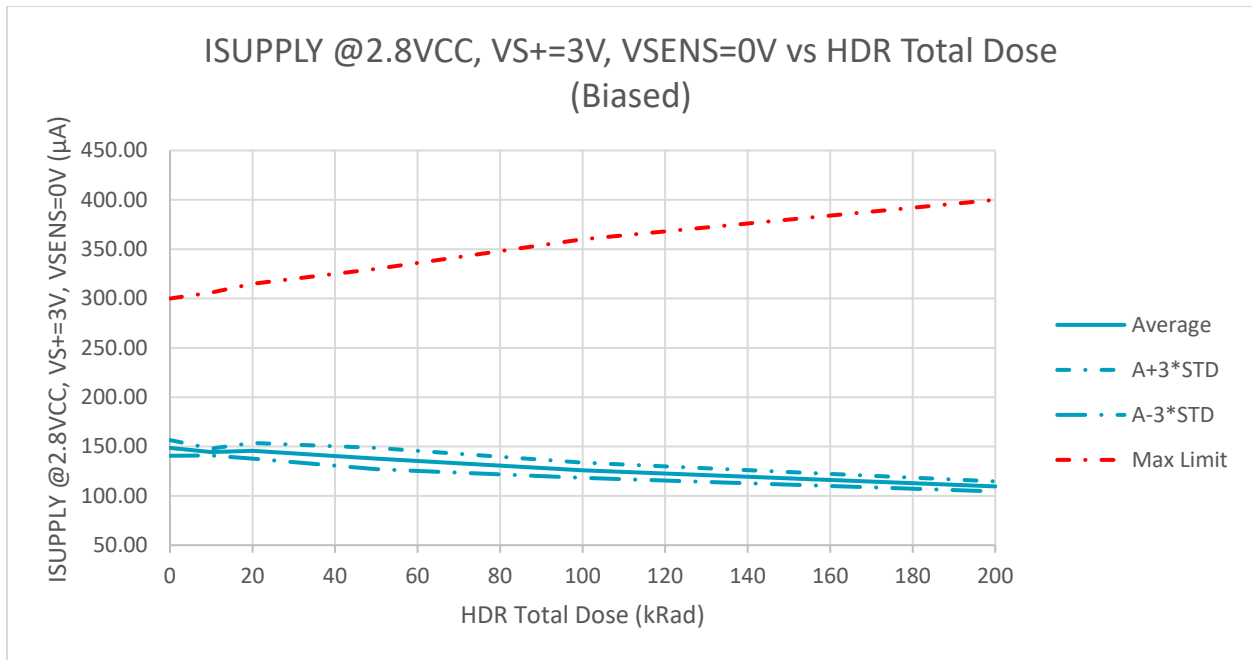
ISUPPLY @36V, VS+=3V, VSENS=0V (μ A) (Unbiased)				
Dose	0	50	100	200
Device #				
Average	185.5046	180.1607	172.2792	157.3924
STD	2.1222	2.2605	4.6774	0.4308
A+3*STD	191.8713	186.9420	186.3115	158.6848
A-3*STD	179.1380	173.3793	158.2468	156.0999
Min Limit				
Max Limit	360	375	380	420



ISUPPLY @2.8VCC, VS+=3V, VSENS=0V (μA)

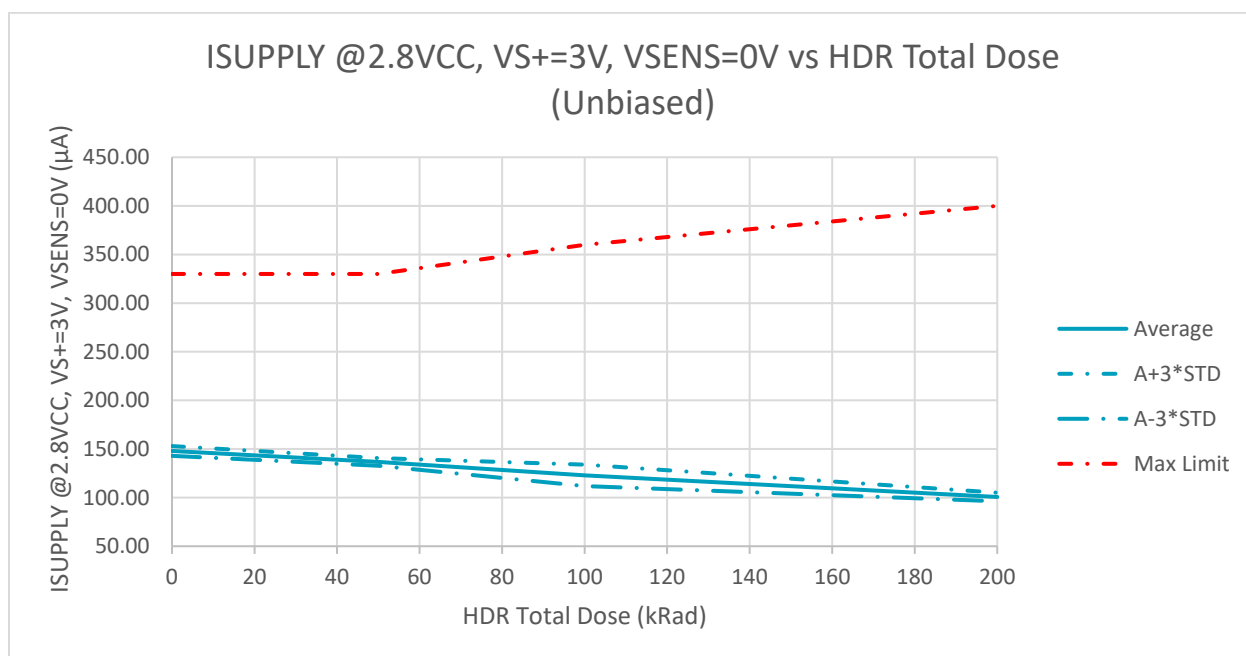
ISUPPLY @2.8VCC, VS+=3V, VSENS=0V (μA) (Biased)

ISUPPLY @2.8VCC, VS+=3V, VSENS=0V (μA) (Biased)						
Dose	0	10	20	50	100	200
Average	148.5790	144.4187	145.7051	137.8003	125.9282	109.5744
STD	2.6443	1.1772	2.6550	3.6159	2.5773	1.6916
A+3*STD	156.5118	147.9503	153.6700	148.6481	133.6602	114.6492
A-3*STD	140.6461	140.8872	137.7402	126.9524	118.1962	104.4997
Min Limit						
Max Limit	300	306	315	330	360	400



ISUPPLY @2.8VCC, VS+=3V, VSENS=0V (μ A) (Unbiased)

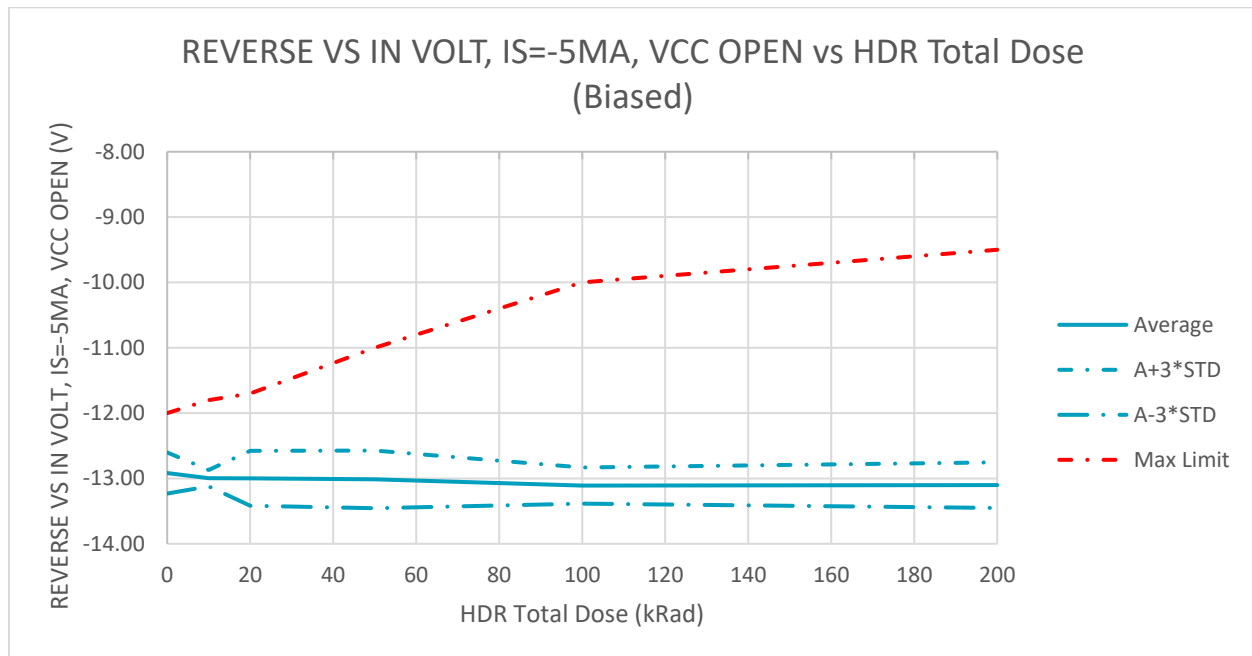
ISUPPLY @2.8VCC, VS+=3V, VSENS=0V (μ A Unbiased)				
Dose	0	50	100	200
Average	147.9760	136.6790	122.9186	100.6689
STD	1.6765	1.3189	3.6690	1.4728
A+3*STD	153.0055	140.6356	133.9257	105.0874
A-3*STD	142.9466	132.7223	111.9115	96.2505
Min Limit				
Max Limit	330	330	360	400



REVERSE VS IN VOLT, IS=-5MA, VCC OPEN (V)

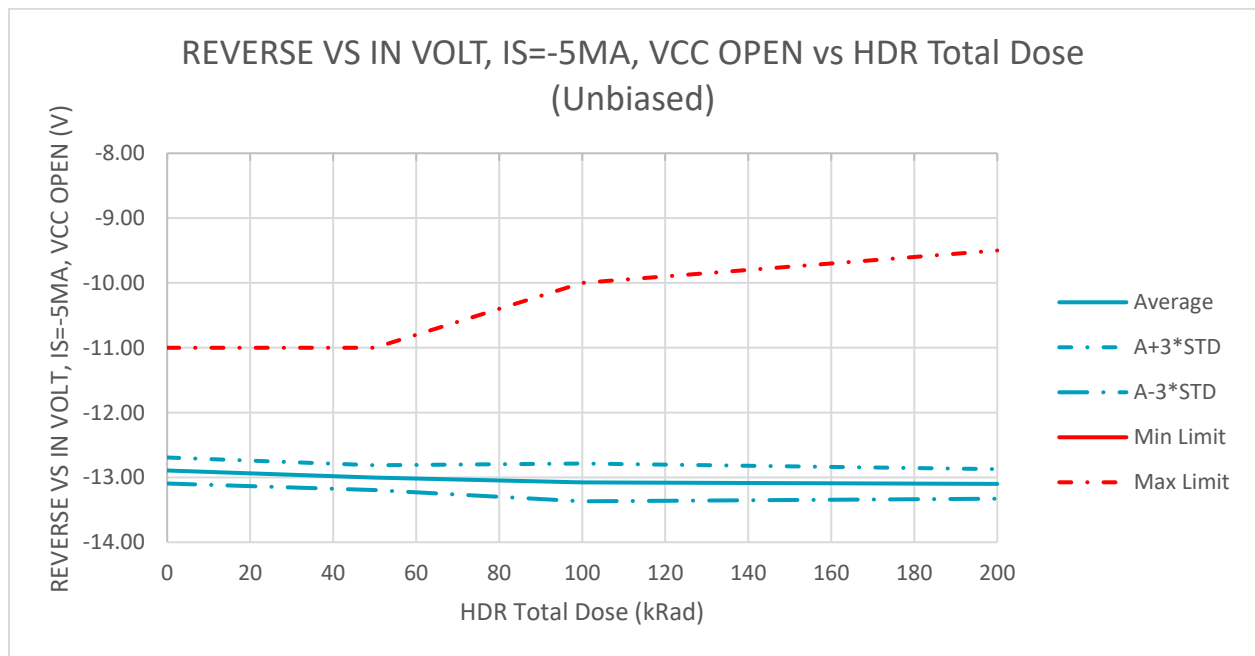
REVERSE VS IN VOLT, IS=-5MA, VCC OPEN (V) (Biased)

REVERSE VS IN VOLT, IS=-5MA, VCC OPEN (V) (Biased)						
Dose	0	10	20	50	100	200
Average	-12.9171	-12.9958	-12.9981	-13.0143	-13.1091	-13.1024
STD	0.1047	0.0417	0.1400	0.1471	0.0920	0.1162
A+3*STD	-12.6029	-12.8706	-12.5781	-12.5730	-12.8331	-12.7538
A-3*STD	-13.2313	-13.1210	-13.4181	-13.4556	-13.3851	-13.4509
Min Limit						
Max Limit	-12	-11.8	-11.7	-11	-10	-9.5



REVERSE VS IN VOLT, IS=-5MA, VCC OPEN (V) (Unbiased)

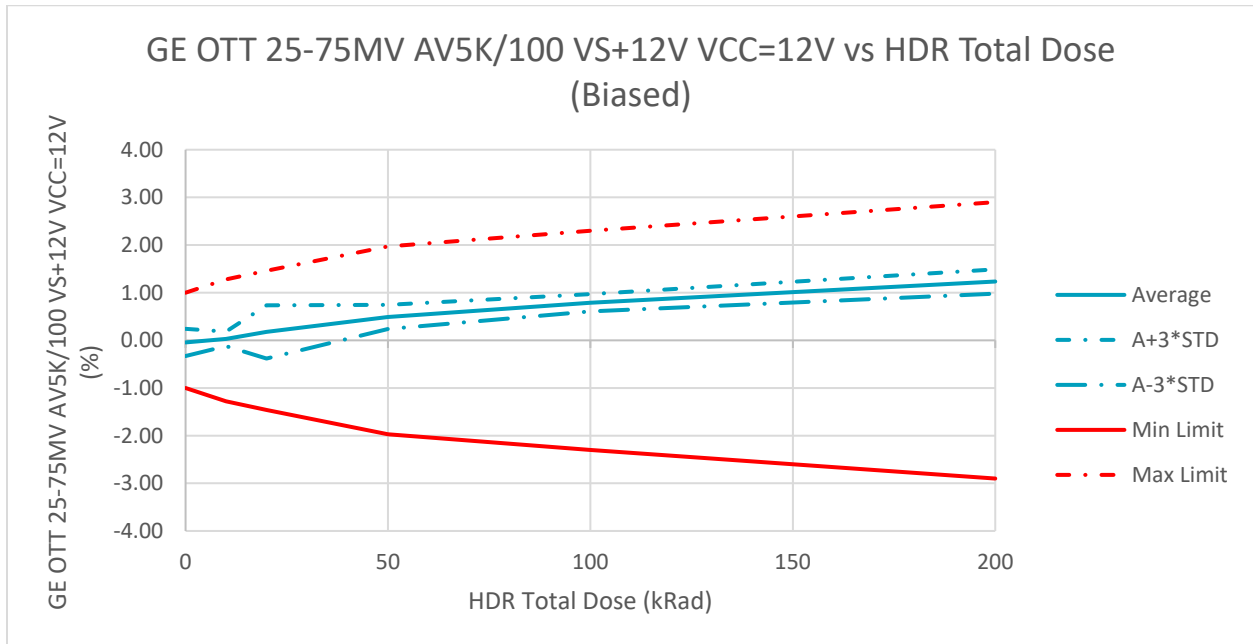
REVERSE VS IN VOLT, IS=-5MA, VCC OPEN (V Unbiased)				
Dose	0	50	100	200
Average	-12.8934	-13.0034	-13.0770	-13.1001
STD	0.0669	0.0638	0.0972	0.0758
A+3*STD	-12.6928	-12.8120	-12.7854	-12.8726
A-3*STD	-13.0940	-13.1949	-13.3685	-13.3275
Min Limit				
Max Limit	-11	-11	-10	-9.5



GE OTT 25-75MV AV5K/100 VS+12V VCC=12V (%)

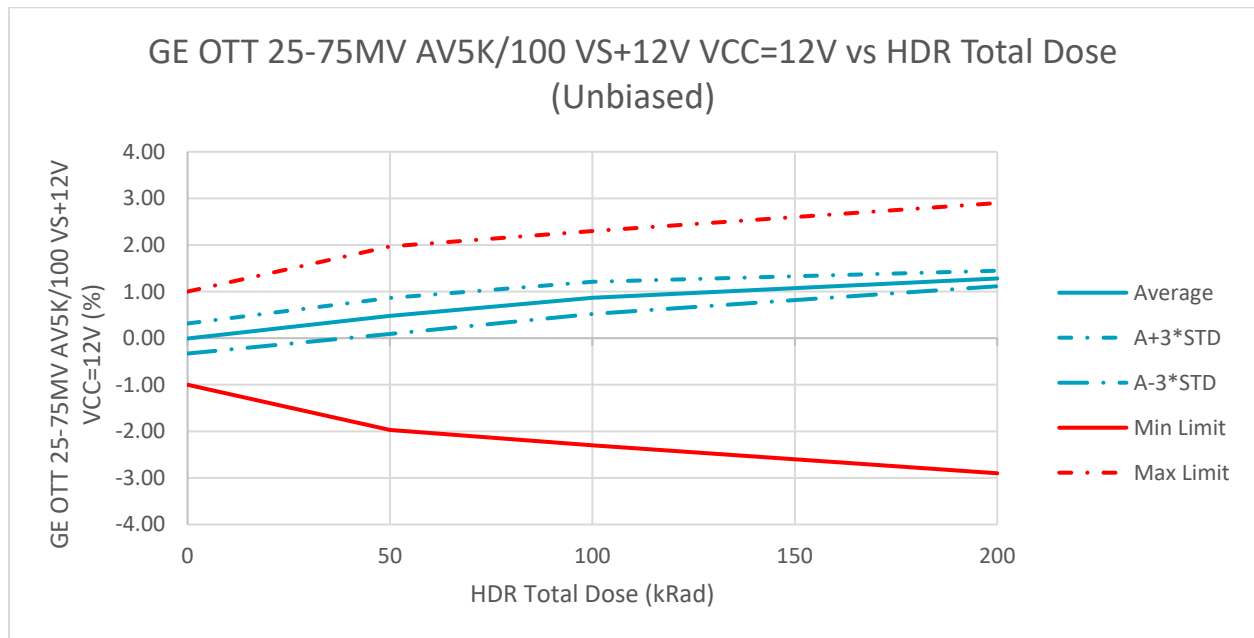
GE OTT 25-75MV AV5K/100 VS+12V VCC=12V (%) (Biased)

GE OTT 25-75MV AV5K/100 VS+12V VCC=12V (%) (Biased)						
Dose	0	10	20	50	100	200
Average	-0.0434	0.0312	0.1762	0.4913	0.7891	1.2344
STD	0.0948	0.0508	0.1859	0.0848	0.0601	0.0849
A+3*STD	0.2409	0.1836	0.7340	0.7455	0.9695	1.4891
A-3*STD	-0.3278	-0.1212	-0.3817	0.2370	0.6087	0.9797
Min Limit	-1	-1.28	-1.46	-1.97	-2.3	-2.9
Max Limit	1	1.28	1.46	1.97	2.3	2.9



GE OTT 25-75MV AV5K/100 VS+12V VCC=12V (%) (Unbiased)

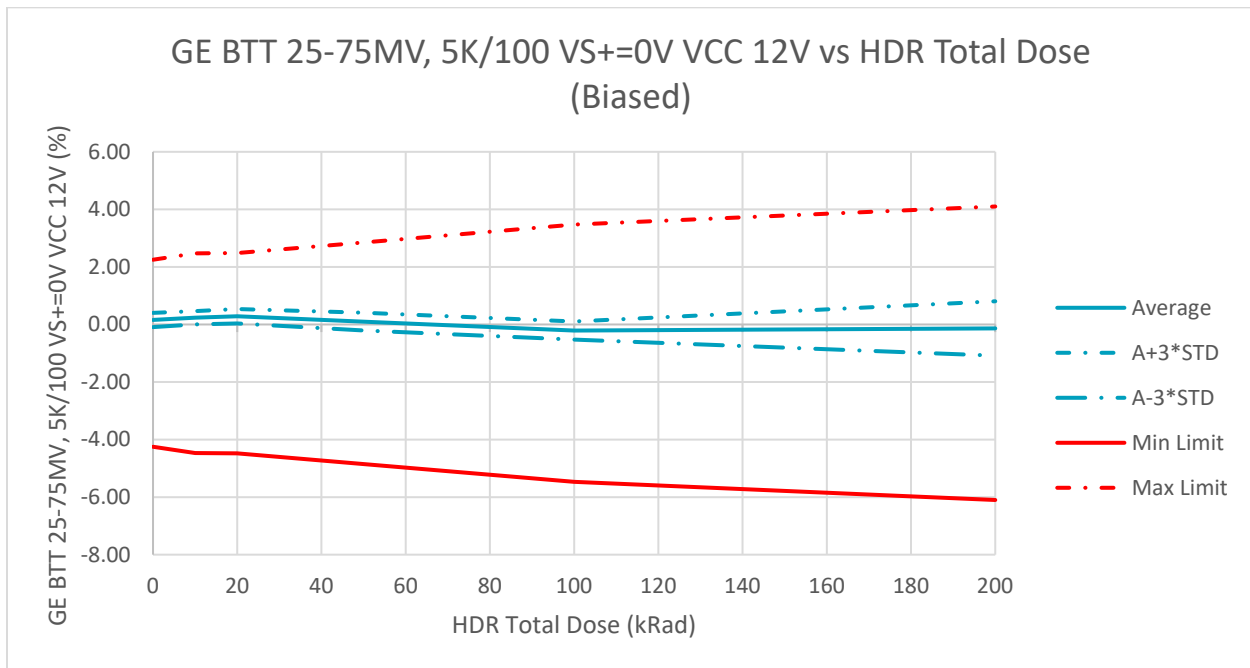
GE OTT 25-75MV AV5K/100 VS+12V VCC=12V (%) (Unbiased)				
Dose	0	50	100	200
Average	-0.0077	0.4767	0.8648	1.2809
STD	0.1075	0.1290	0.1156	0.0556
A+3*STD	0.3148	0.8639	1.2114	1.4477
A-3*STD	-0.3301	0.0896	0.5181	1.1142
Min Limit	-1	-1.97	-2.3	-2.9
Max Limit	1	1.97	2.3	2.9



GE BTT 25-75MV, 5K/100 VS+=0V VCC 12V (%)

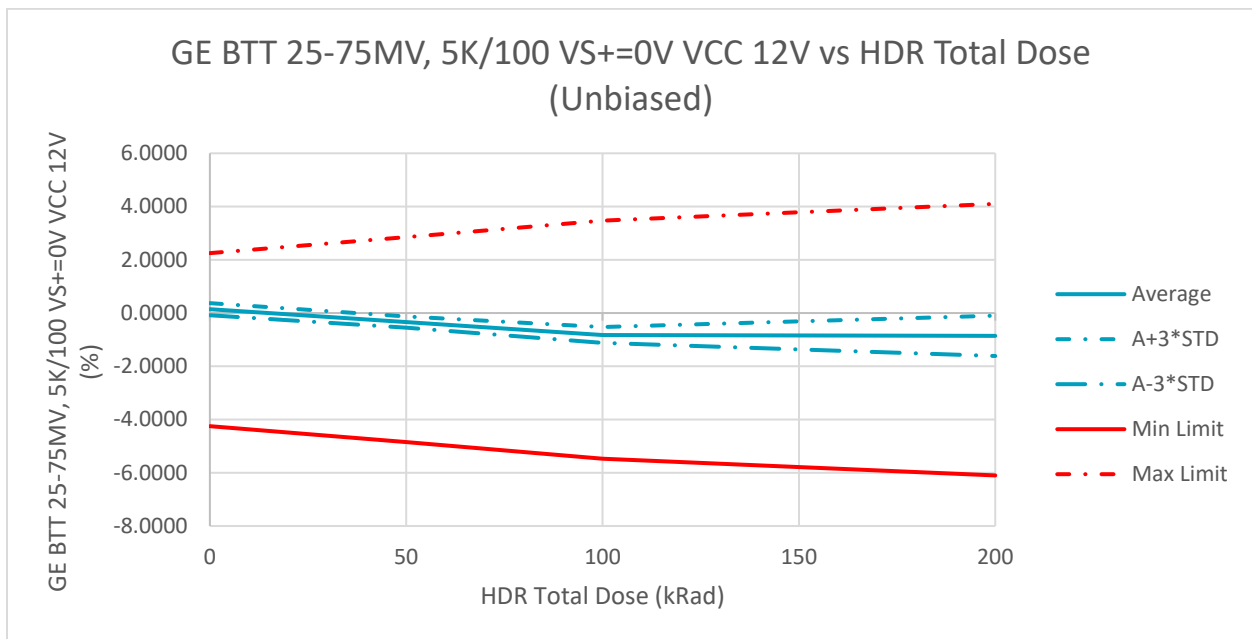
GE BTT 25-75MV, 5K/100 VS+=0V VCC 12V (%) (Biased)

GE BTT 25-75MV, 5K/100 VS+=0V VCC 12V (%) (Biased)						
Dose	0	10	20	50	100	200
Average	0.1577	0.2344	0.2852	0.0996	-0.2114	-0.1389
STD	0.0826	0.0769	0.0833	0.1022	0.1051	0.3149
A+3*STD	0.4054	0.4651	0.5350	0.4060	0.1038	0.8058
A-3*STD	-0.0899	0.0037	0.0354	-0.2069	-0.5266	-1.0837
Min Limit	-4.25	-4.47	-4.48	-4.85	-5.47	-6.1
Max Limit	2.25	2.47	2.48	2.85	3.47	4.1



GE BTT 25-75MV, 5K/100 VS+=0V VCC 12V (%) (Unbiased)

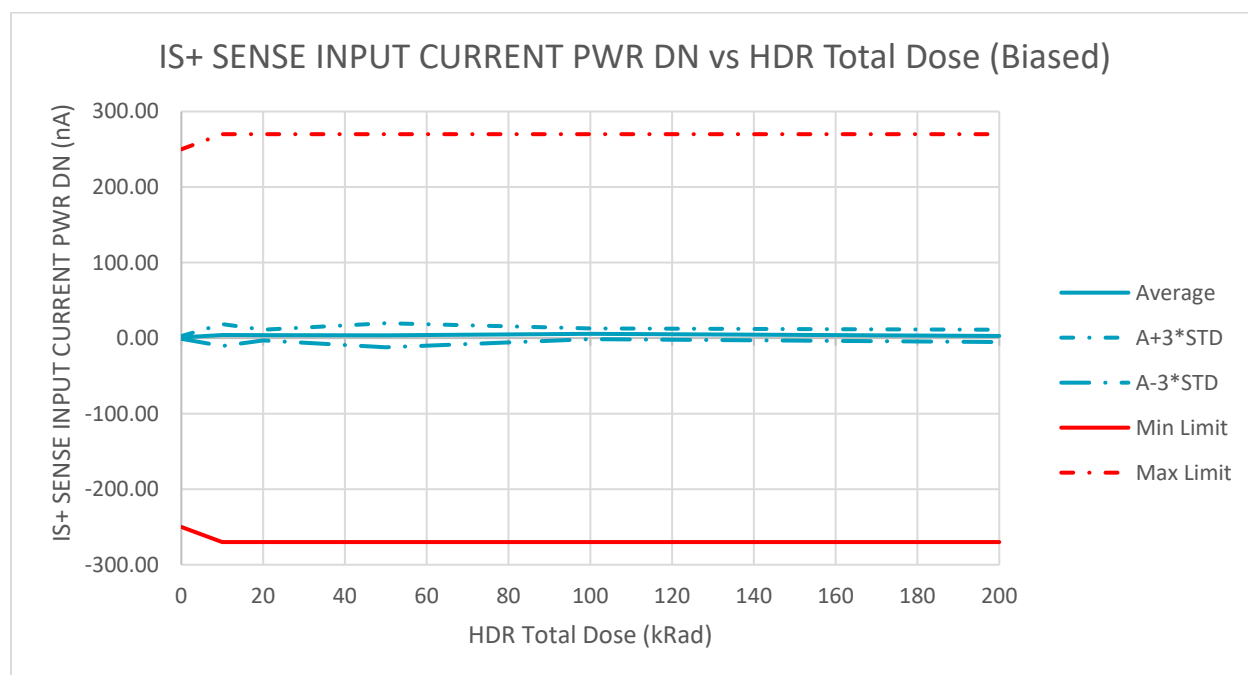
GE BTT 25-75MV, 5K/100 VS+=0V VCC 12V (%) (Unbiased)				
Dose	0	50	100	200
Average	0.1439	-0.3403	-0.8244	-0.8577
STD	0.0758	0.0699	0.0995	0.2518
A+3*STD	0.3713	-0.1304	-0.5259	-0.1022
A-3*STD	-0.0835	-0.5501	-1.1228	-1.6132
Min Limit	-4.25	-4.85	-5.47	-6.1
Max Limit	2.25	2.85	3.47	4.1



IS+ SENSE INPUT CURRENT PWR DN (NA)

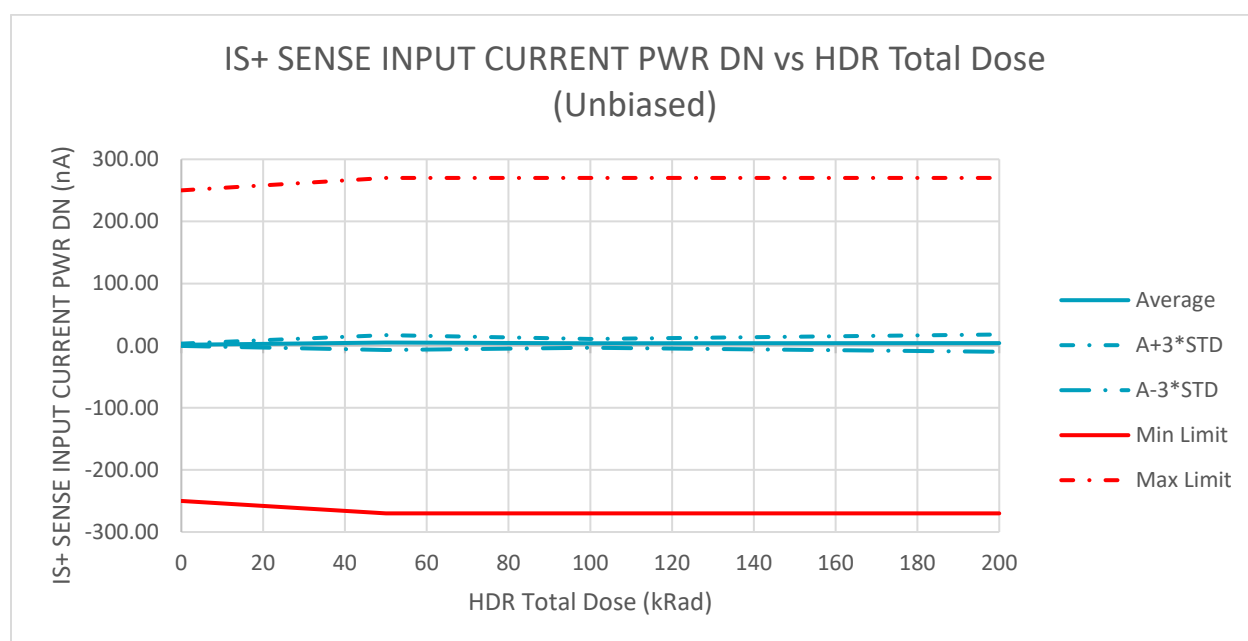
IS+ SENSE INPUT CURRENT PWR DN (nA) (Biased)

Dose	IS+ SENSE INPUT CURRENT PWR DN (nA) (Biased)					
	0	10	20	50	100	200
Average	0.9060	4.1126	3.9825	3.8020	5.6744	2.9379
STD	0.5972	4.8346	2.3830	5.3175	2.3504	2.7138
A+3*STD	2.6977	18.6162	11.1315	19.7545	12.7254	11.0793
A-3*STD	-0.8857	-10.3911	-3.1665	-12.1504	-1.3767	-5.2035
Min Limit	-250	-270	-270	-270	-270	-270
Max Limit	250	270	270	270	270	270



IS+ SENSE INPUT CURRENT PWR DN (nA) (Unbiased)

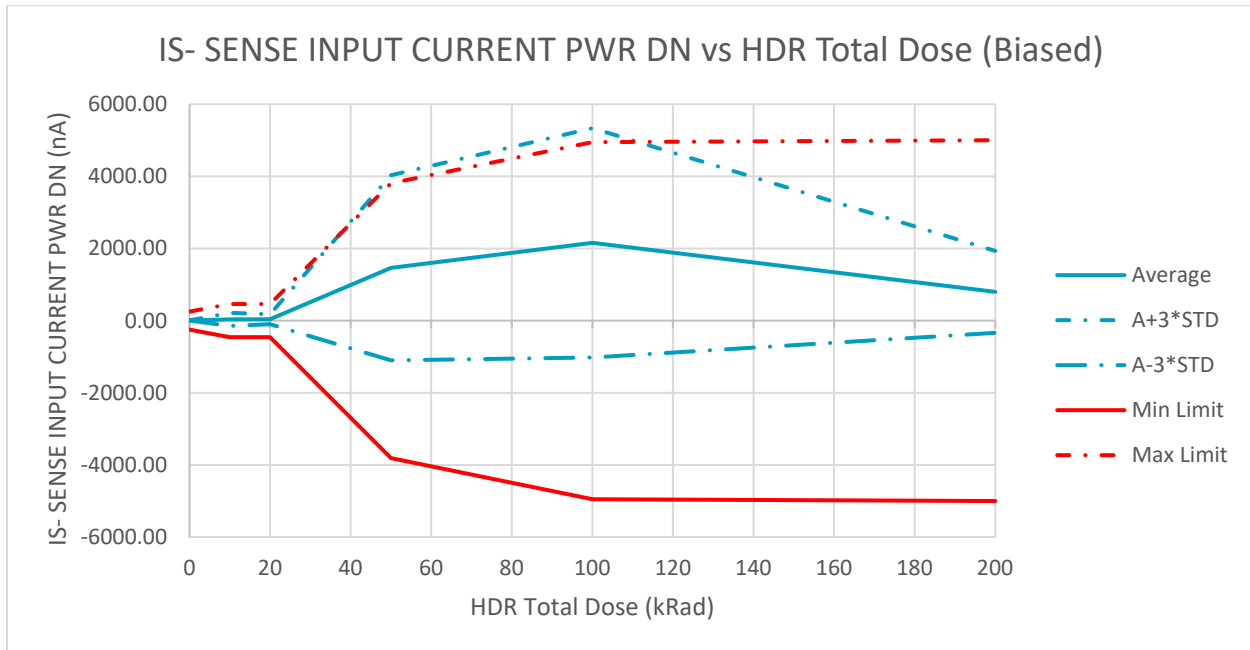
IS+ SENSE INPUT CURRENT PWR DN (nA) (Unbiased)				
Dose	0	50	100	200
Average	1.4157	5.0000	3.7653	4.0421
STD	0.6246	4.0020	2.3729	4.6399
A+3*STD	3.2894	17.0062	10.8840	17.9618
A-3*STD	-0.4580	-7.0061	-3.3535	-9.8777
Min Limit	-250	-270	-270	-270
Max Limit	250	270	270	270



IS- SENSE INPUT CURRENT PWR DN (NA)

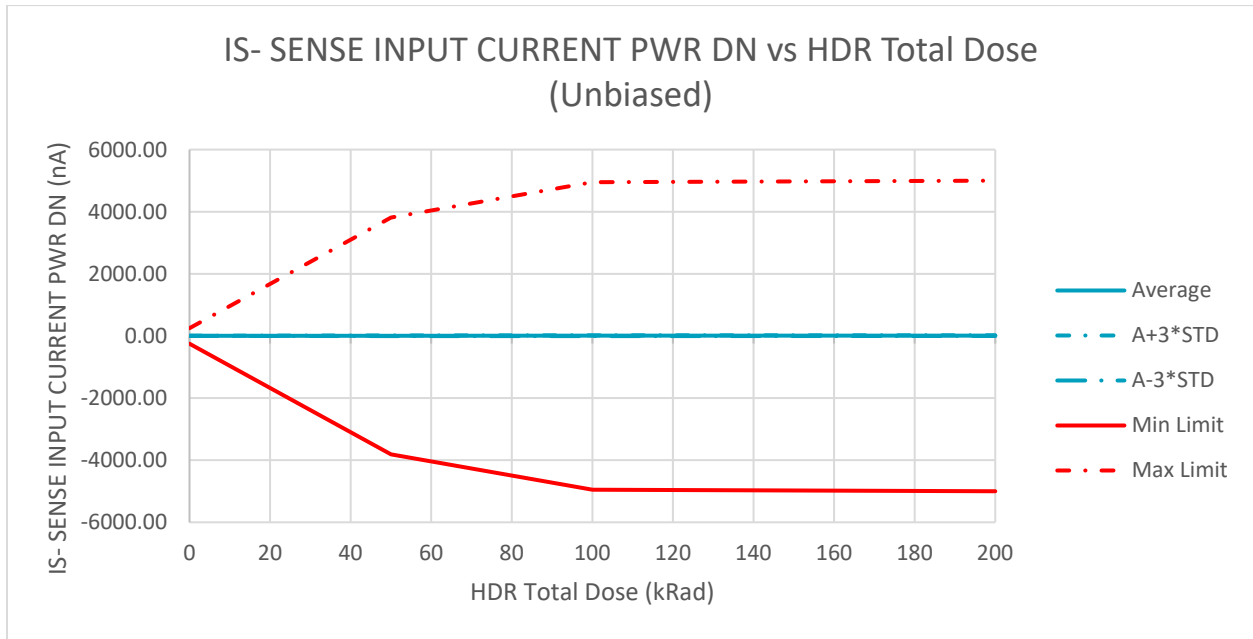
IS- SENSE INPUT CURRENT PWR DN (nA) (Biased)

Dose	IS- SENSE INPUT CURRENT PWR DN (nA) (Biased)					
	0	10	20	50	100	200
Average	5.3056	33.7981	39.2452	1463.4885	2155.9113	797.6315
STD	0.5111	60.2381	45.7036	855.1344	1059.6736	378.3285
A+3*STD	6.8390	214.5123	176.3560	4028.8919	5334.9321	1932.6171
A-3*STD	3.7722	-146.9161	-97.8656	-1101.9148	-1023.1096	-337.3541
Min Limit	-250	-460	-460	-3810	-4950	-5000
Max Limit	250	460	460	3810	4950	5000



IS- SENSE INPUT CURRENT PWR DN (nA) (Unbiased)

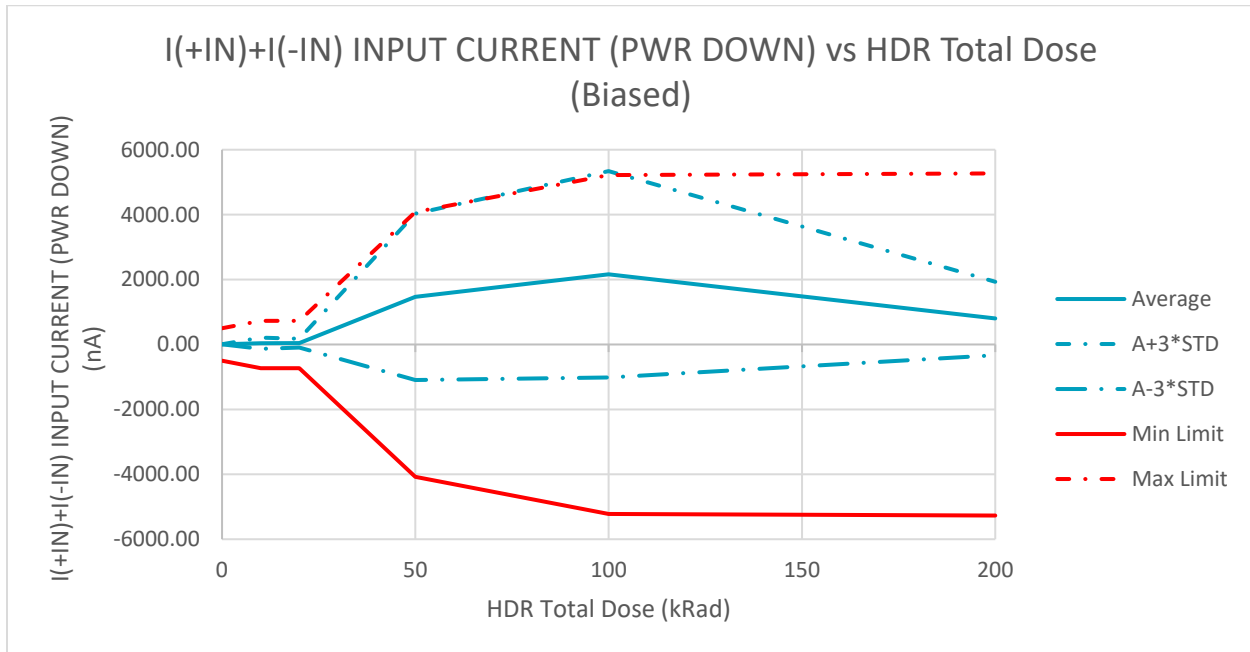
IS- SENSE INPUT CURRENT PWR DN (nA) (Unbiased)				
Dose	0	50	100	200
Average	4.8717	6.0099	8.4698	10.1113
STD	0.6829	3.4716	3.8300	3.1978
A+3*STD	6.9202	16.4248	19.9597	19.7048
A-3*STD	2.8231	-4.4050	-3.0201	0.5178
Min Limit	-250	-3810	-4950	-5000
Max Limit	250	3810	4950	5000



I(+IN)+I(-IN) INPUT CURRENT (PWR DOWN) (nA)

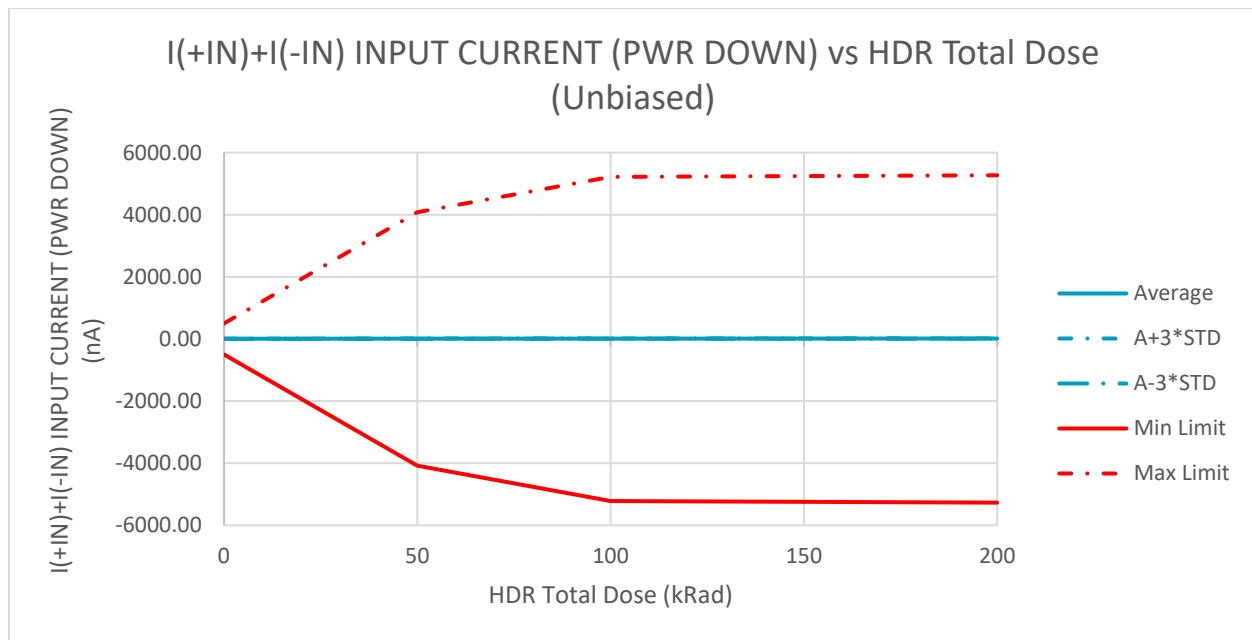
I(+IN)+I(-IN) INPUT CURRENT (PWR DOWN) (nA) (Biased)

	I(+IN)+I(-IN) INPUT CURRENT (PWR DOWN) (nA) (Biased)					
Dose	0	10	20	50	100	200
Average	6.2116	37.9107	43.2277	1467.2906	2161.5854	800.5697
STD	0.3733	58.1306	45.1955	854.0298	1059.6420	376.6362
A+3*STD	7.3316	212.3025	178.8143	4029.3801	5340.5113	1930.4783
A-3*STD	5.0915	-136.4812	-92.3590	-1094.7988	-1017.3405	-329.3389
Min Limit	-500	-730	-730	-4080	-5220	-5270
Max Limit	500	730	730	4080	5220	5270



I(+IN)+I(-IN) INPUT CURRENT (PWR DOWN) (nA) (Unbiased)

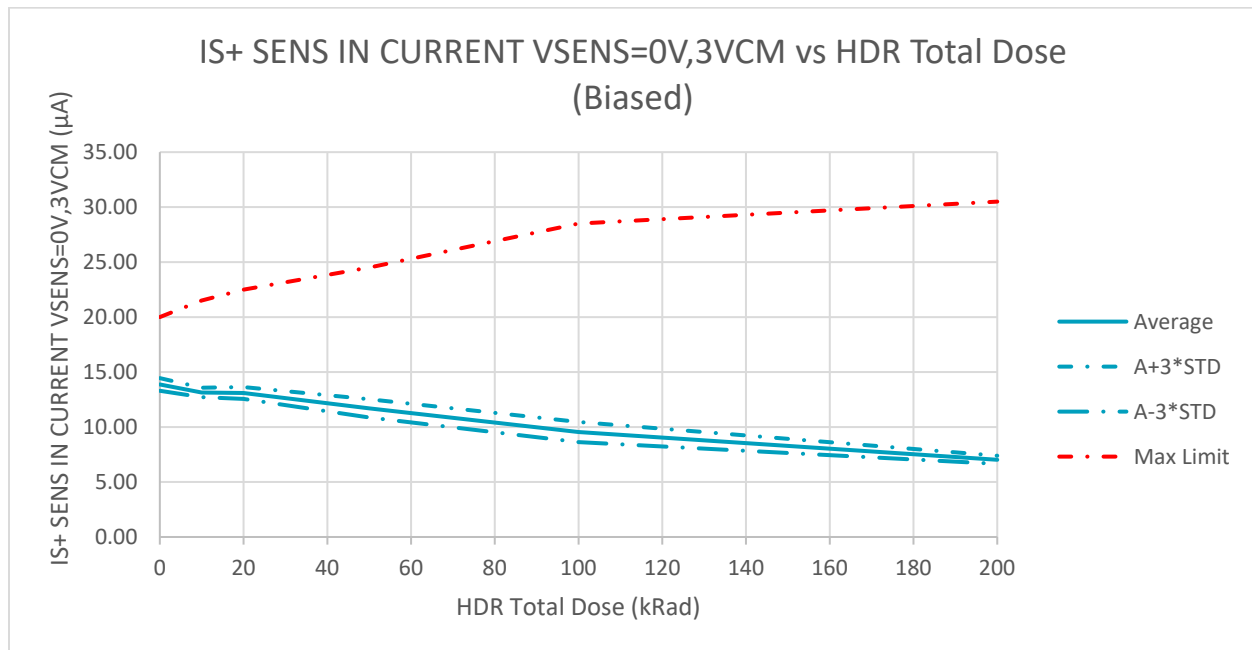
I(+IN)+I(-IN) INPUT CURRENT (PWR DOWN) (nA) (Unbiased)				
Dose	0	50	100	200
Average	6.2874	11.0099	12.2351	14.1534
STD	0.5269	1.0895	1.4570	1.4968
A+3*STD	7.8681	14.2785	16.6063	18.6439
A-3*STD	4.7066	7.7413	7.8640	9.6629
Min Limit	-500	-4080	-5220	-5270
Max Limit	500	4080	5220	5270



IS+ SENS IN CURRENT VSENS=0V,3VCM (μA)

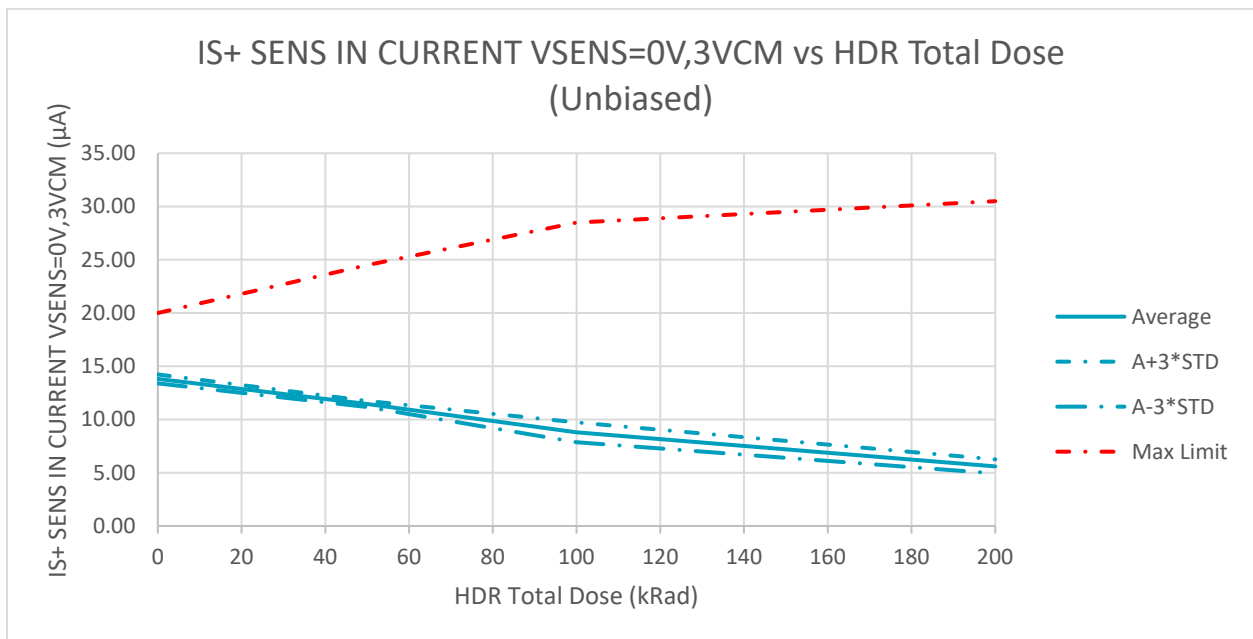
IS+ SENS IN CURRENT VSENS=0V,3VCM (μA) (Biased)

IS+ SENS IN CURRENT VSENS=0V,3VCM (μA) (Biased)						
Dose	0	10	20	50	100	200
Average	13.8733	13.1428	13.0976	11.7027	9.5418	7.0226
STD	0.1918	0.1433	0.1806	0.2756	0.3066	0.1232
A+3*STD	14.4487	13.5727	13.6395	12.5295	10.4617	7.3923
A-3*STD	13.2980	12.7129	12.5558	10.8759	8.6219	6.6528
Min Limit						
Max Limit	20	21.5	22.5	24.5	28.5	30.5



IS+ SENS IN CURRENT VSENS=0V,3VCM (μA) (Unbiased)

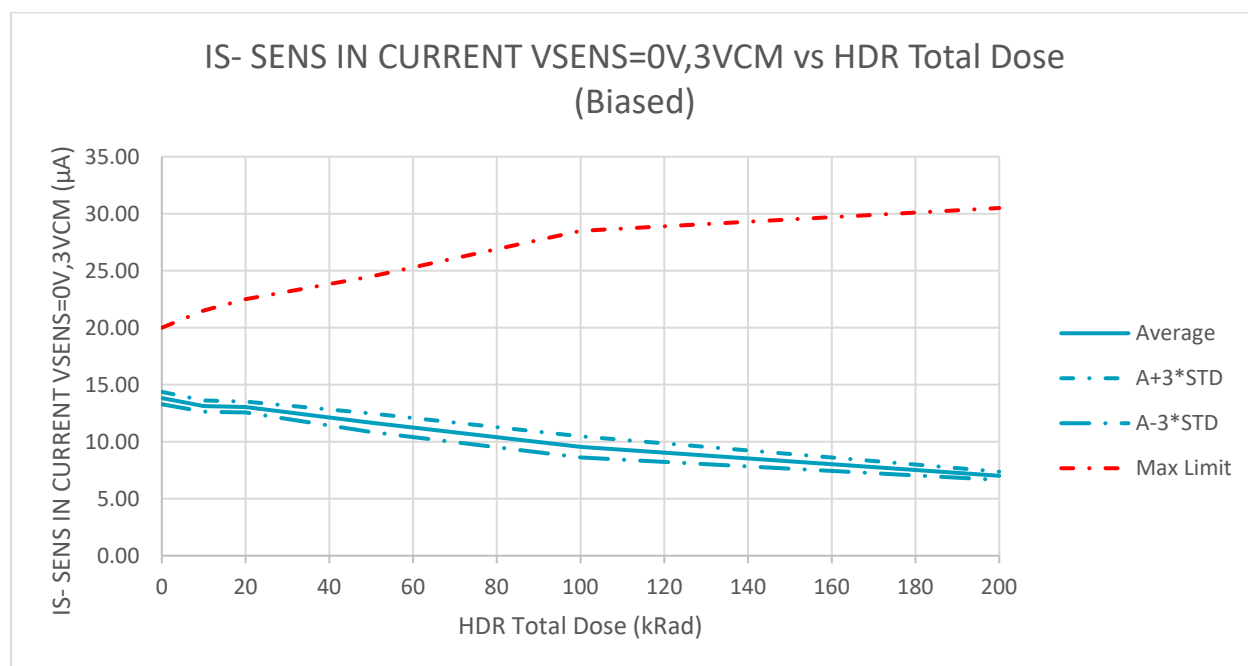
IS+ SENS IN CURRENT VSENS=0V,3VCM (μA) (Unbiased)				
Dose	0	50	100	200
Average	13.8096	11.4551	8.7923	5.5949
STD	0.1397	0.0959	0.3113	0.2193
A+3*STD	14.2285	11.7428	9.7261	6.2527
A-3*STD	13.3906	11.1674	7.8586	4.9372
Min Limit				
Max Limit	20	24.5	28.5	30.5



IS- SENS IN CURRENT VSENS=0V,3VCM (μA)

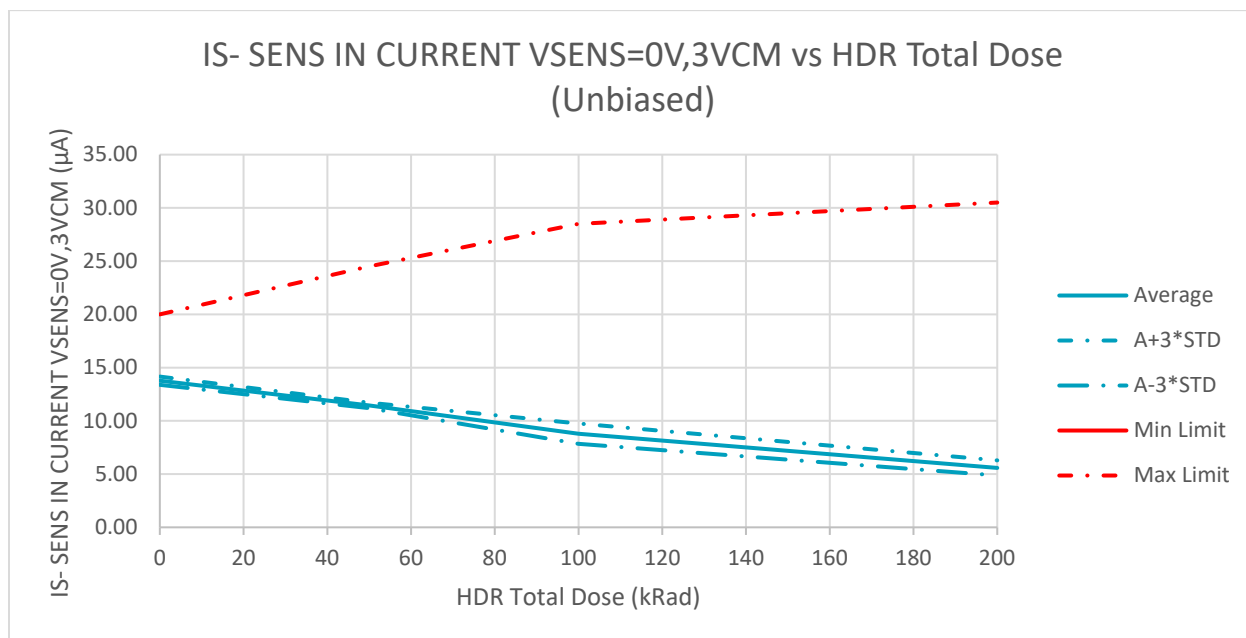
IS- SENS IN CURRENT VSENS=0V,3VCM (μA) (Biased)

IS- SENS IN CURRENT VSENS=0V,3VCM (μA) (Biased)						
Dose	0	10	20	50	100	200
Average	13.8292	13.1242	13.0401	11.6712	9.5418	7.0111
STD	0.1815	0.1641	0.1574	0.2710	0.3082	0.1212
A+3*STD	14.3735	13.6164	13.5122	12.4842	10.4664	7.3748
A-3*STD	13.2848	12.6319	12.5679	10.8583	8.6171	6.6474
Min Limit						
Max Limit	20	21.5	22.5	24.5	28.5	30.5



IS- SENS IN CURRENT VSENS=0V,3VCM (μ A) (Unbiased)

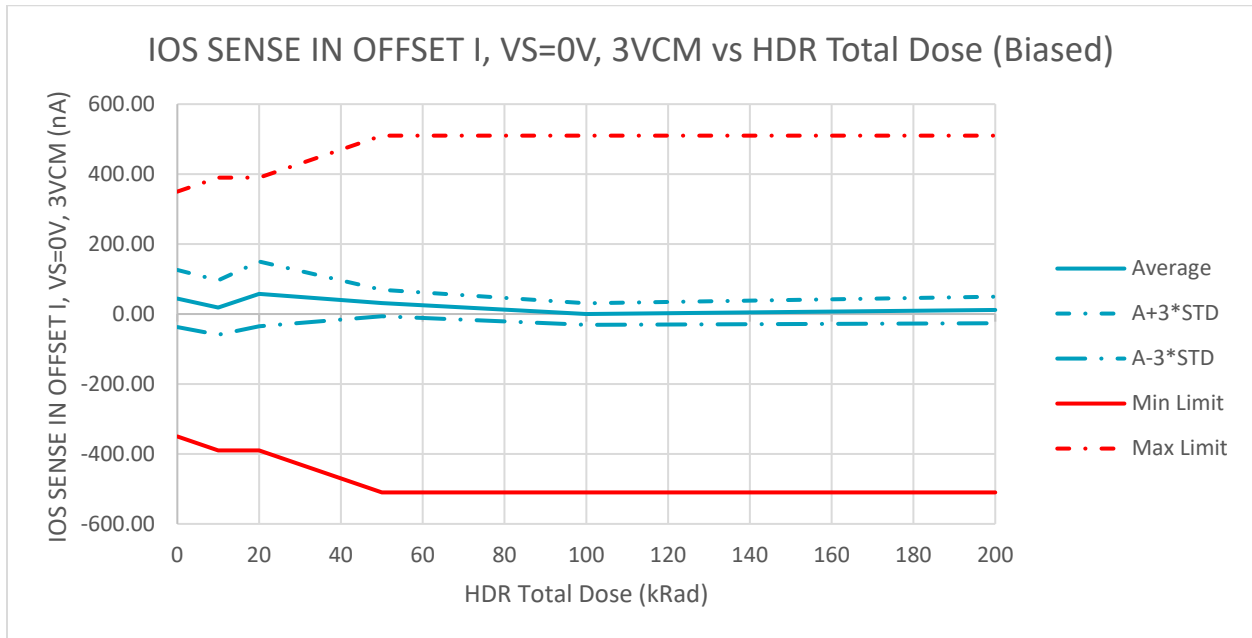
IS- SENS IN CURRENT VSENS=0V,3VCM (μ A) (Unbiased)				
Dose	0	50	100	200
Average	13.7692	11.4472	8.7934	5.5806
STD	0.1291	0.0839	0.3178	0.2359
A+3*STD	14.1565	11.6988	9.7469	6.2883
A-3*STD	13.3820	11.1956	7.8399	4.8730
Min Limit				
Max Limit	20	24.5	28.5	30.5



IOS SENSE IN OFFSET I, VS=0V, 3VCM (NA)

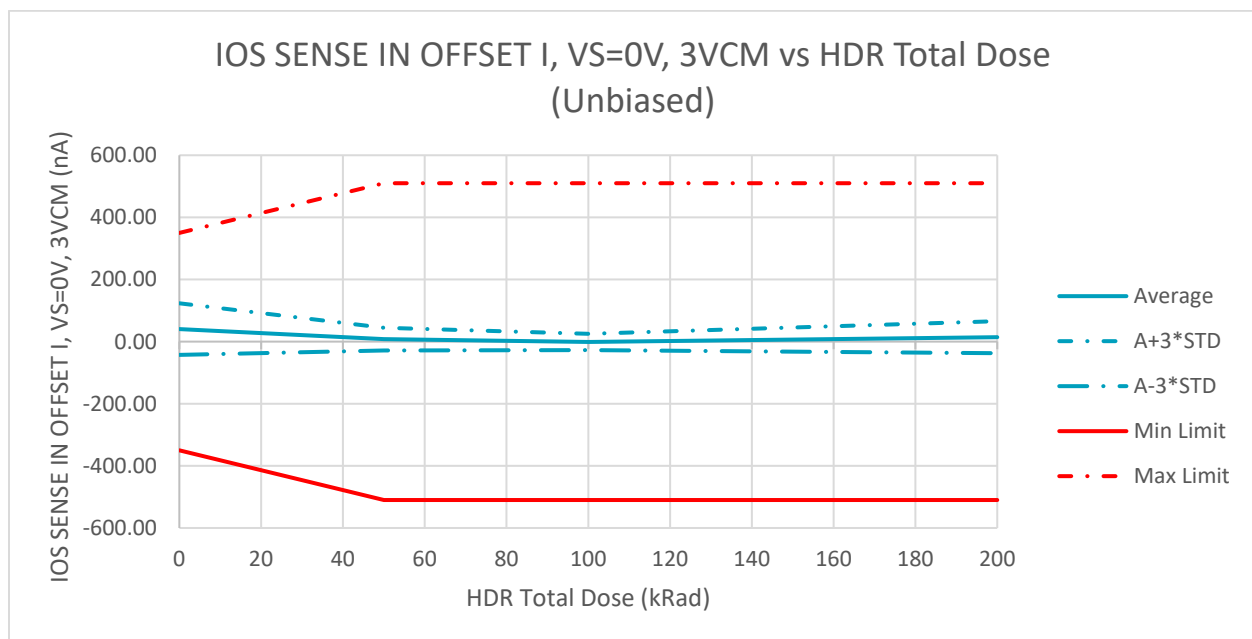
IOS SENSE IN OFFSET I, VS=0V, 3VCM (nA) (Biased)

IOS SENSE IN OFFSET I, VS=0V, 3VCM (nA) (Biased)						
Dose	0	10	20	50	100	200
Average	44.1662	18.6144	57.5823	31.4643	0.0324	11.4558
STD	27.2041	25.9450	30.8399	12.6073	10.2439	12.6547
A+3*STD	125.7784	96.4494	150.1018	69.2864	30.7642	49.4200
A-3*STD	-37.4460	-59.2205	-34.9373	-6.3577	-30.6995	-26.5084
Min Limit	-350	-390	-390	-510	-510	-510
Max Limit	350	390	390	510	510	510



IOS SENSE IN OFFSET I, VS=0V, 3VCM (nA) (Unbiased)

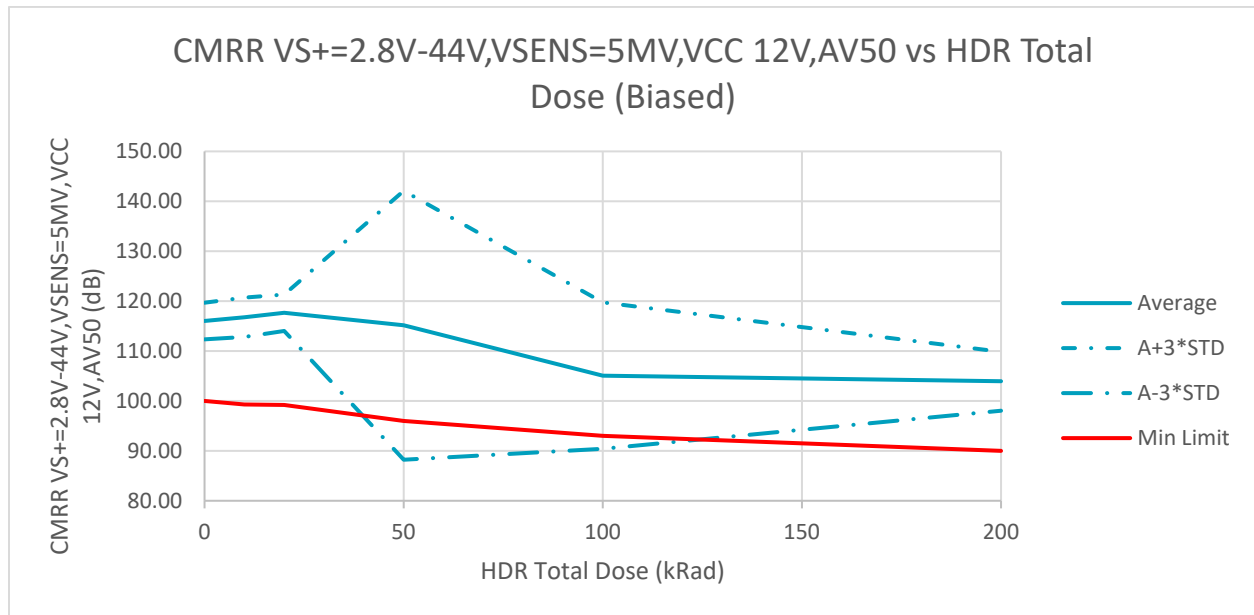
IOS SENSE IN OFFSET I, VS=0V, 3VCM (nA) (Unbiased)				
Dose	0	50	100	200
Average	40.3433	7.8981	-1.0823	14.2912
STD	27.6847	12.1850	8.7431	17.1054
A+3*STD	123.3974	44.4532	25.1469	65.6073
A-3*STD	-42.7108	-28.6571	-27.3115	-37.0249
Min Limit	-350	-510	-510	-510
Max Limit	350	510	510	510



CMRR VS+=2.8V-44V, VSENS=5MV, VCC 12V, AV50 (DB)

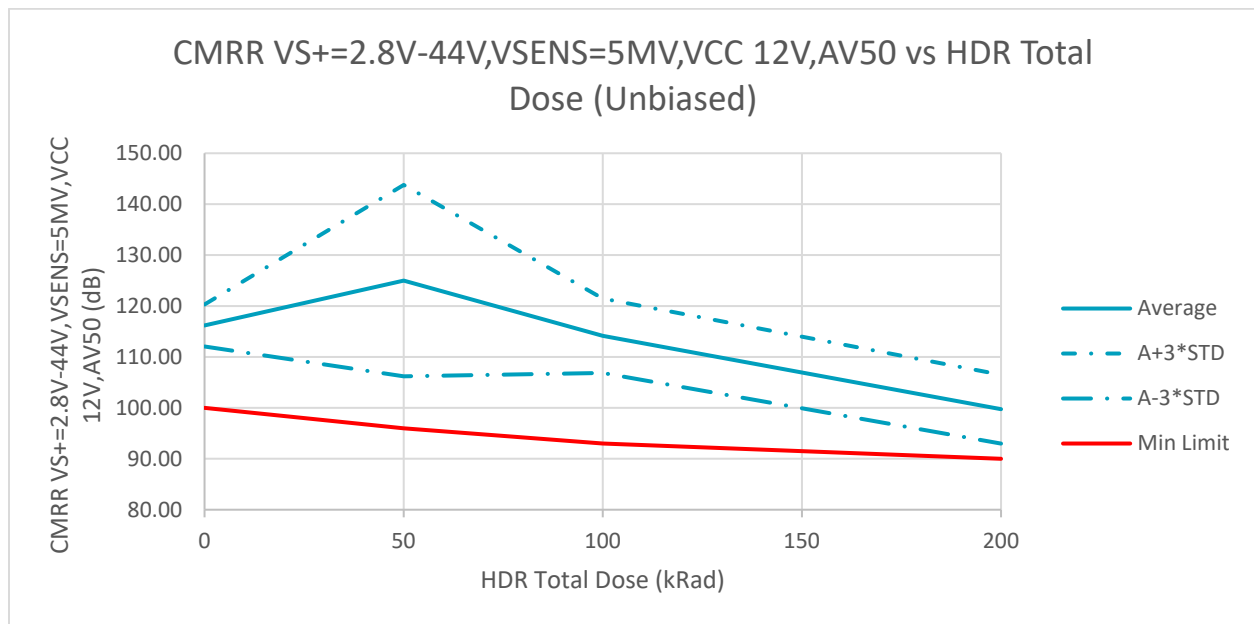
CMRR VS+=2.8V-44V, VSENS=5MV, VCC 12V, AV50 (dB) (Biased)

CMRR VS+=2.8V-44V, VSENS=5MV, VCC 12V, AV50 (dB) (Biased)						
Dose	0	10	20	50	100	200
Average	116.0107	116.7623	117.6640	115.1567	105.0741	103.9505
STD	1.2194	1.3175	1.2139	8.9777	4.8863	1.9664
A+3*STD	119.6688	120.7147	121.3056	142.0899	119.7330	109.8498
A-3*STD	112.3526	112.8099	114.0225	88.2235	90.4152	98.0511
Min Limit	100	99.3	99.2	96	93	90
Max Limit						



CMRR VS+=2.8V-44V, VSENS=5MV, VCC 12V, AV50 (dB) (Unbiased)

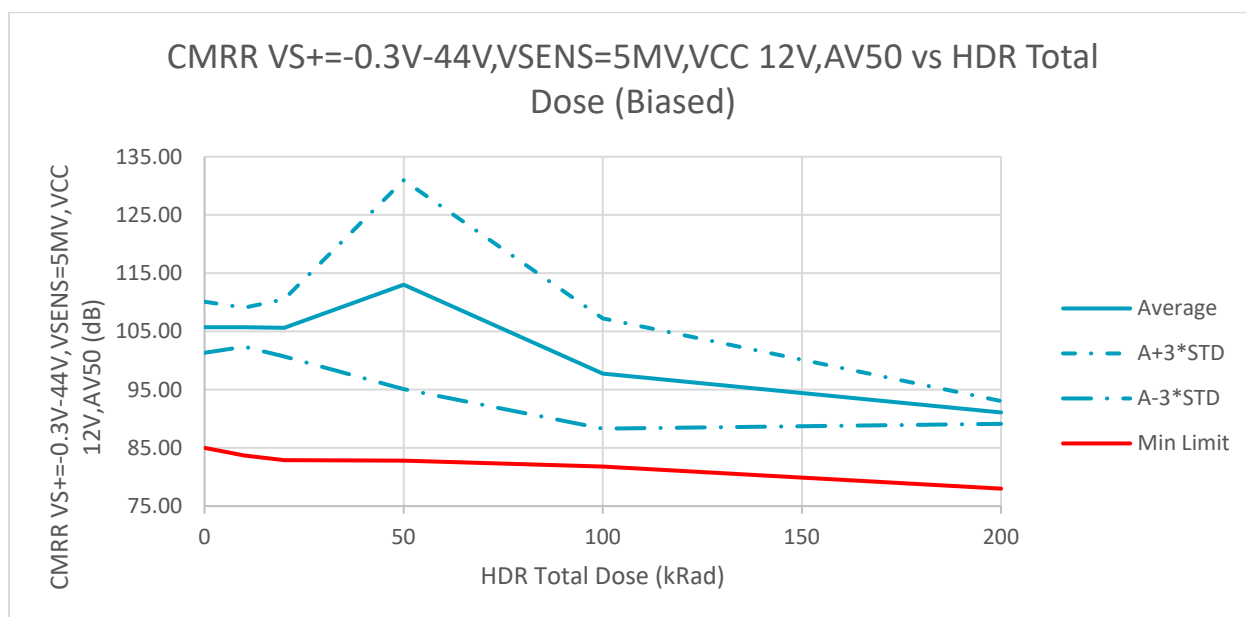
CMRR VS+=2.8V-44V, VSENS=5MV, VCC 12V, AV50 (dB) (Unbiased)				
Dose	0	50	100	200
Average	116.1854	124.9925	114.1583	99.7421
STD	1.3769	6.2624	2.4311	2.2521
A+3*STD	120.3161	143.7798	121.4517	106.4984
A-3*STD	112.0548	106.2052	106.8648	92.9857
Min Limit	100	96	93	90
Max Limit				



CMRR VS+/-0.3V-44V, VSENS=5MV, VCC 12V, AV50 (DB)

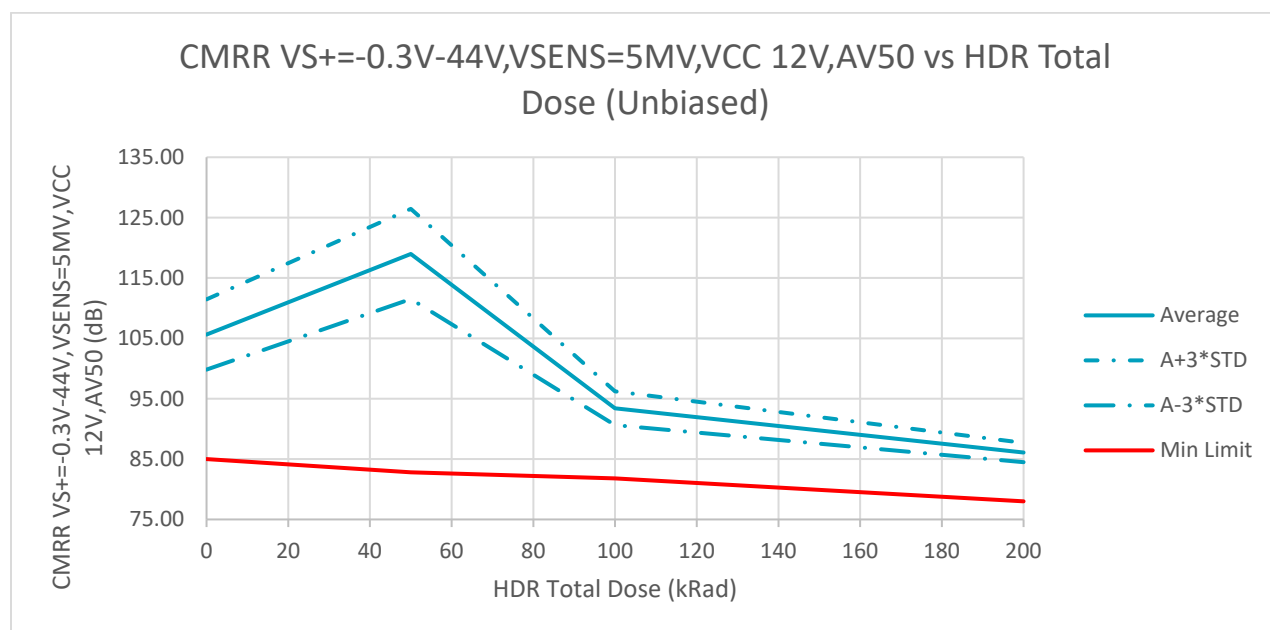
CMRR VS+/-0.3V-44V, VSENS=5MV, VCC 12V, AV50 (dB) (Biased)

CMRR VS+/-0.3V-44V,VSENS=5MV,VCC 12V,AV50 (dB) (Biased)						
Dose	0	10	20	50	100	200
Average	105.7111	105.7260	105.6144	113.0243	97.7668	91.0830
STD	1.4577	1.1175	1.6392	5.9804	3.1550	0.6529
A+3*STD	110.0843	109.0785	110.5318	130.9654	107.2318	93.0415
A-3*STD	101.3380	102.3735	100.6969	95.0833	88.3018	89.1244
Min Limit	85	83.7	82.9	82.8	81.8	78
Max Limit						



CMRR VS+/-0.3V-44V, VSENS=5MV, VCC 12V, AV50 (dB) (Unbiased)

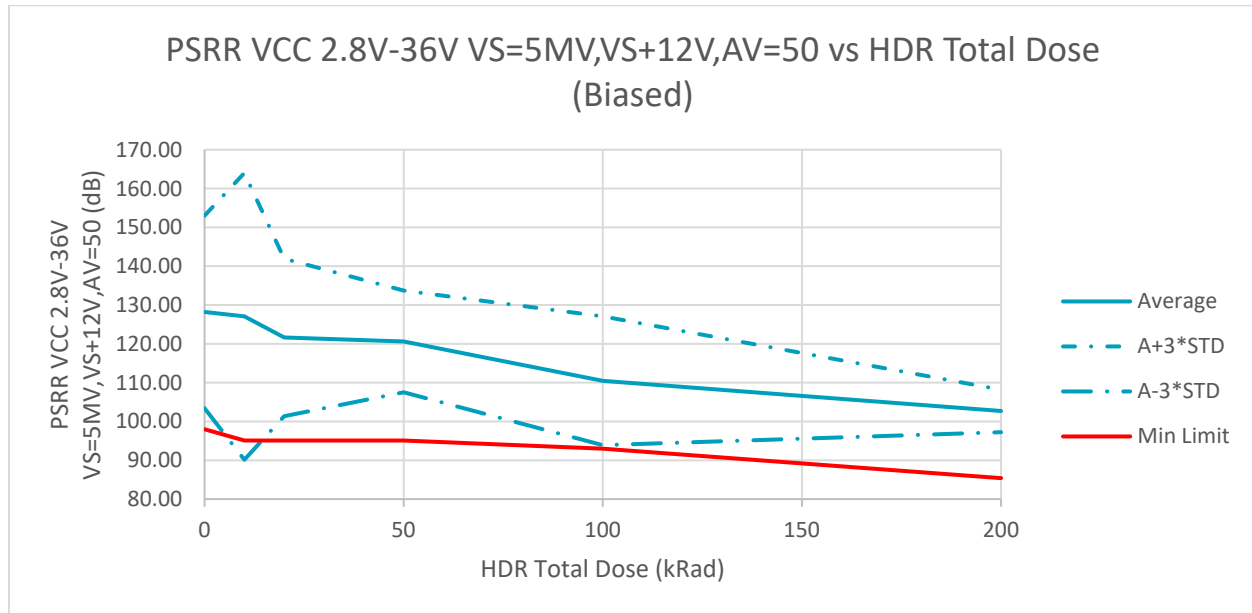
CMRR VS+/-0.3V-44V,VSENS=5MV,VCC 12V,AV50 (dB) (Unbiased)				
Dose	0	50	100	200
Average	105.6406	118.9811	93.4202	86.0871
STD	1.9384	2.4892	0.9332	0.5339
A+3*STD	111.4557	126.4488	96.2197	87.6889
A-3*STD	99.8254	111.5133	90.6207	84.4853
Min Limit	85	82.8	81.8	78
Max Limit				



PSRR VCC 2.8V-36V VS=5MV,VS+12V,AV=50 (DB)

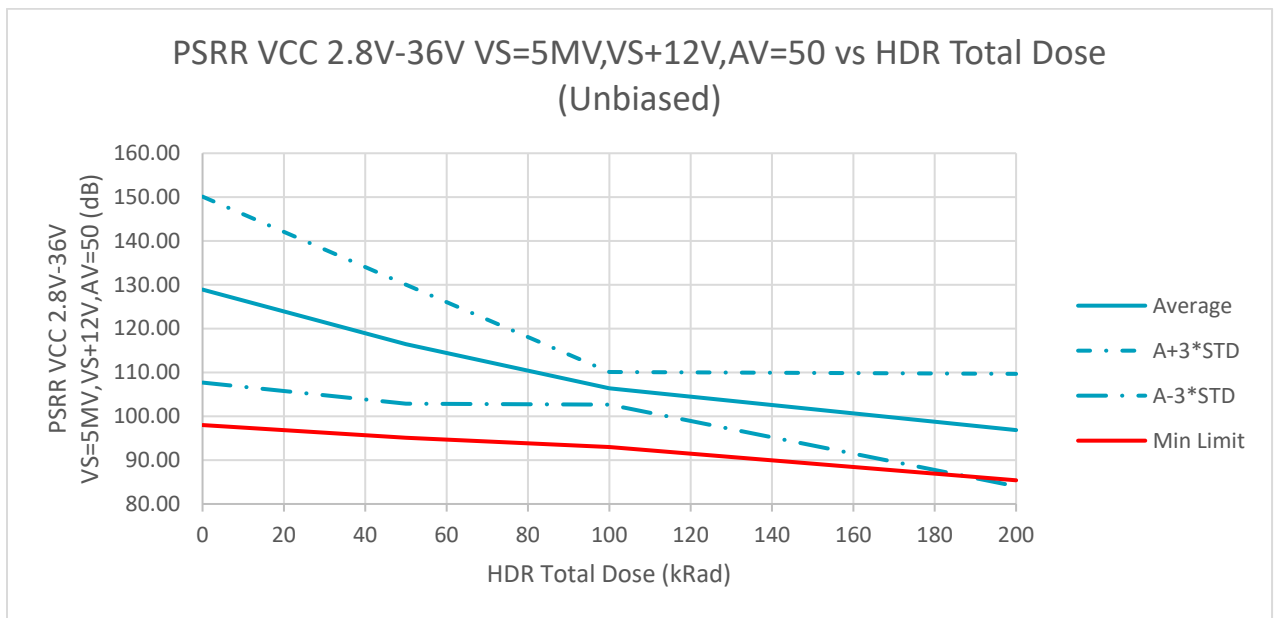
PSRR VCC 2.8V-36V VS=5MV,VS+12V,AV=50 (dB) (Biased)

PSRR VCC 2.8V-36V VS=5MV,VS+12V,AV=50 (dB) (Biased)						
Dose	0	10	20	50	100	200
Average	128.2081	127.0724	121.6337	120.6170	110.4838	102.7022
STD	8.2673	12.3115	6.7632	4.3677	5.5310	1.8290
A+3*STD	153.0099	164.0069	141.9233	133.7200	127.0767	108.1892
A-3*STD	103.4062	90.1379	101.3441	107.5140	93.8909	97.2152
Min Limit	98	95.1	95.1	95.1	93	85.4
Max Limit						



PSRR VCC 2.8V-36V VS=5MV, VS+12V, AV=50 (dB) (Unbiased)

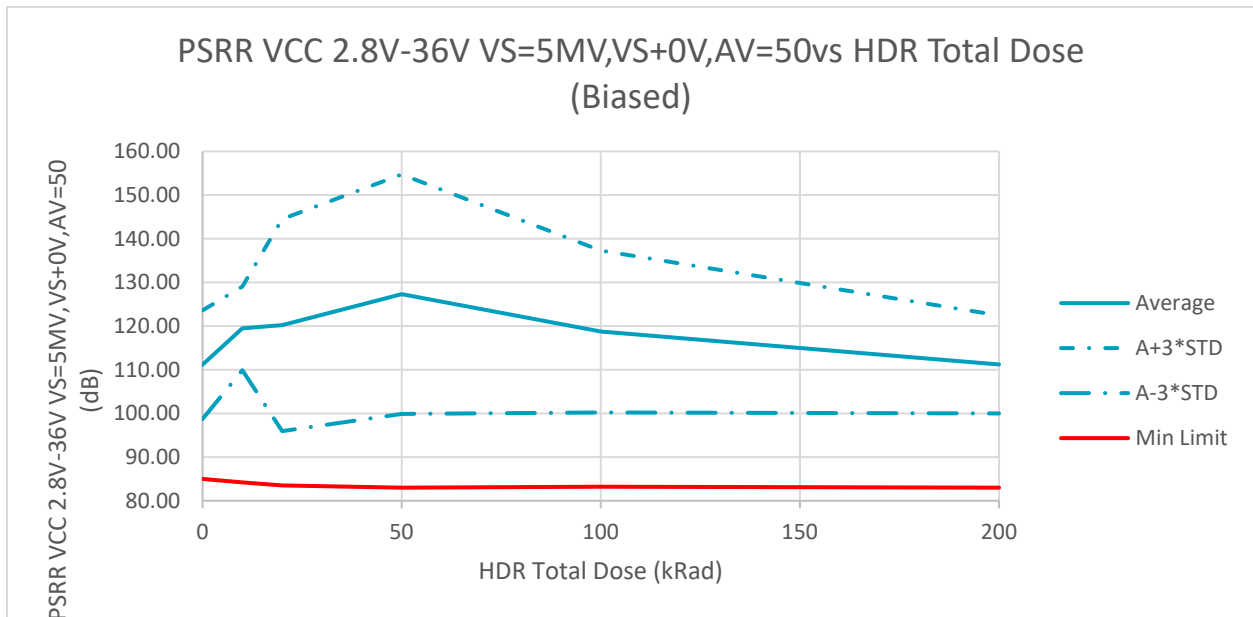
PSRR VCC 2.8V-36V VS=5MV,VS+12V,AV=50 (dB) (Unbiased)				
Dose	0	50	100	200
Average	128.9006	116.4544	106.3928	96.8550
STD	7.0694	4.5282	1.2414	4.2751
A+3*STD	150.1087	130.0391	110.1171	109.6802
A-3*STD	107.6925	102.8698	102.6685	84.0297
Min Limit	98	95.1	93	85.4
Max Limit				



PSRR VCC 2.8V-36V VS=5MV, VS+0V, AV=50 (DB)

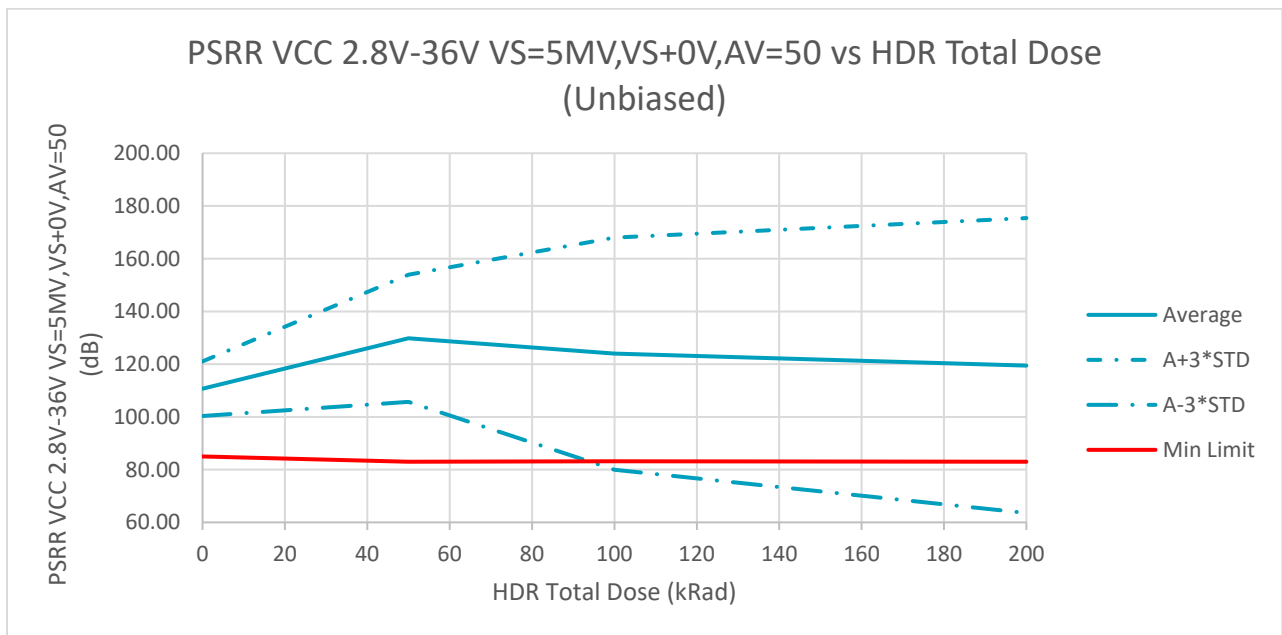
PSRR VCC 2.8V-36V VS=5MV, VS+0V, AV=50 (dB) (Biased)

PSRR VCC 2.8V-36V VS=5MV,VS+0V,AV=50 (dB) (Biased)						
Dose	0	10	20	50	100	200
Average	111.1679	119.4735	120.2299	127.3081	118.7573	111.2121
STD	4.1465	3.1944	8.0950	9.1371	6.1794	3.7439
A+3*STD	123.6075	129.0566	144.5148	154.7193	137.2956	122.4438
A-3*STD	98.7284	109.8904	95.9451	99.8970	100.2190	99.9804
Min Limit	85	84.2	83.5	83	83.2	83
Max Limit						



PSRR VCC 2.8V-36V VS=5MV, VS+0V, AV=50 (dB) (Unbiased)

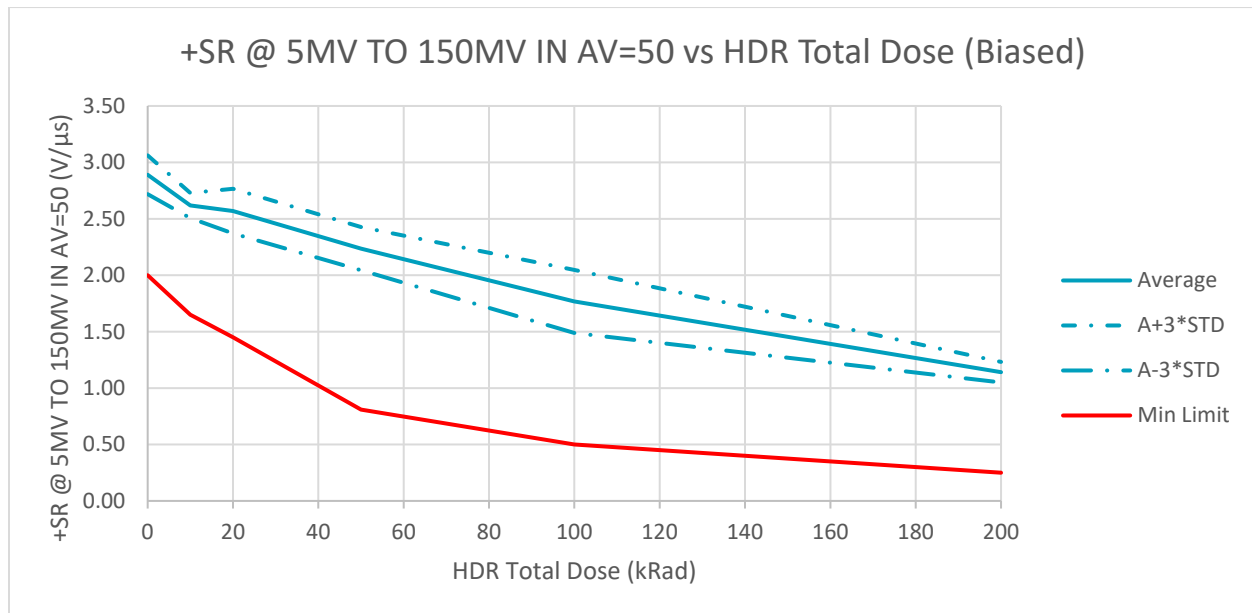
PSRR VCC 2.8V-36V VS=5MV,VS+0V,AV=50 (dB) (Unbiased)				
Dose	0	50	100	200
Average	110.6974	129.8291	123.9944	119.4884
STD	3.4522	8.0416	14.6776	18.6417
A+3*STD	121.0540	153.9540	168.0271	175.4136
A-3*STD	100.3408	105.7042	79.9616	63.5632
Min Limit	85	83	83.2	83
Max Limit				



+SR @ 5MV TO 150MV IN AV=50 (V/μS)

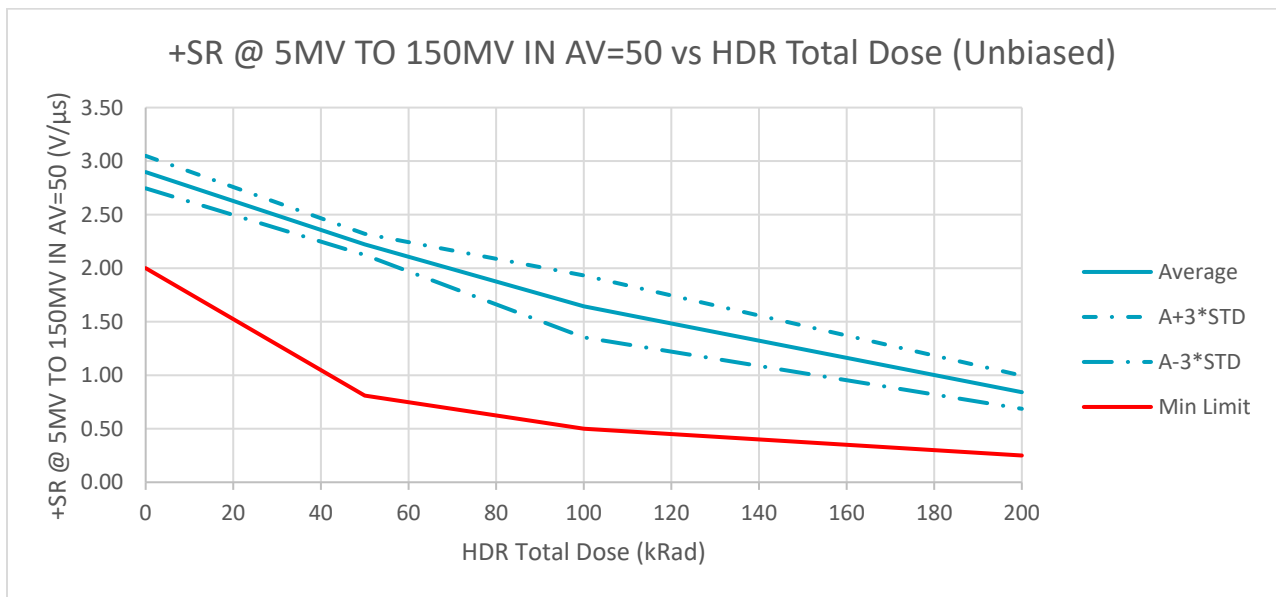
+SR @ 5MV TO 150MV IN AV=50 (V/μs) (Biased)

+SR @ 5MV TO 150MV IN AV=50 (V/μs) (Biased)						
Dose	0	10	20	50	100	200
Average	2.8903	2.6182	2.5687	2.2361	1.7675	1.1409
STD	0.0573	0.0370	0.0659	0.0637	0.0931	0.0304
A+3*STD	3.0622	2.7293	2.7665	2.4273	2.0468	1.2320
A-3*STD	2.7185	2.5071	2.3709	2.0449	1.4882	1.0498
Min Limit	2	1.65	1.45	0.81	0.5	0.25
Max Limit						



+SR @ 5MV TO 150MV IN AV=50 (V/μs) (Unbiased)

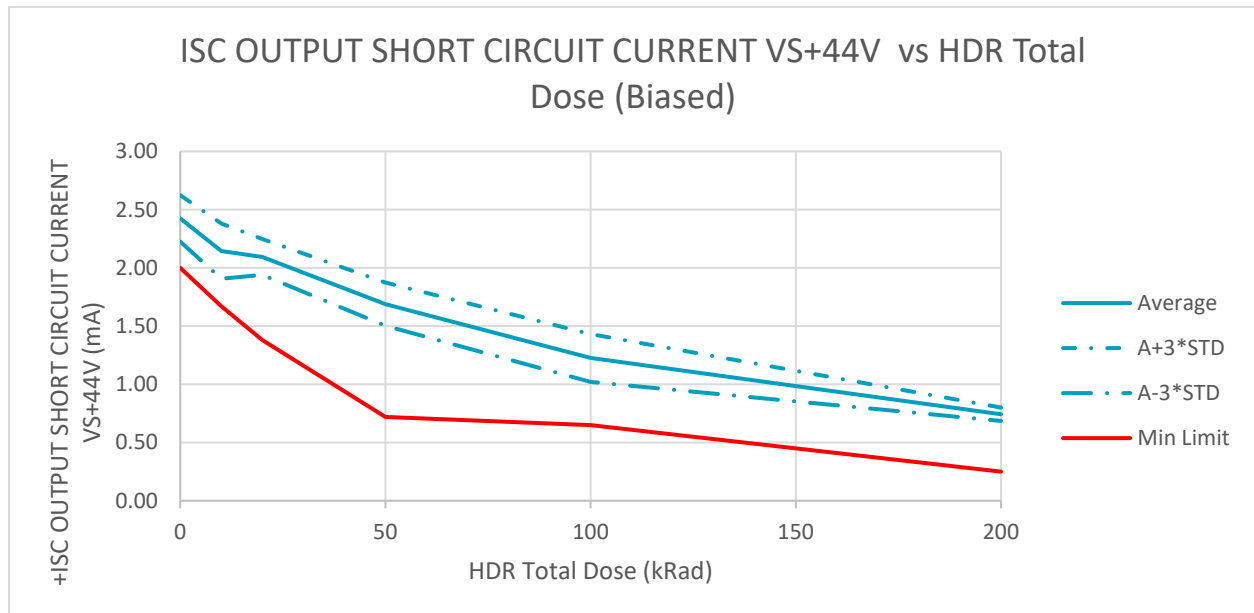
+SR @ 5MV TO 150MV IN AV=50 (V/μs) (Unbiased)				
Dose	0	50	100	200
Average	2.8974	2.2225	1.6431	0.8413
STD	0.0505	0.0329	0.0963	0.0516
A+3*STD	3.0491	2.3213	1.9319	0.9962
A-3*STD	2.7458	2.1238	1.3542	0.6864
Min Limit	2	0.81	0.5	0.25
Max Limit				



ISC OUTPUT SHORT CIRCUIT CURRENT VS+44V (MA)

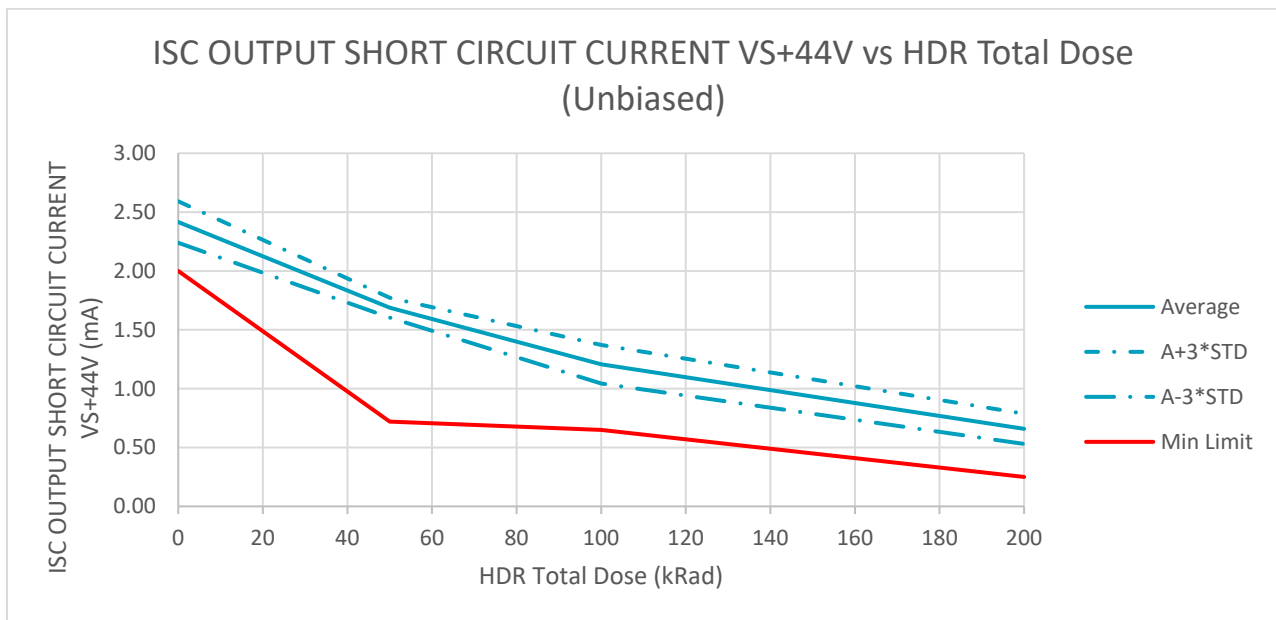
ISC OUTPUT SHORT CIRCUIT CURRENT VS+44V (mA) (Biased)

ISC OUTPUT SHORT CIRCUIT CURRENT VS+44V (mA) (Biased)						
Dose	0	10	20	50	100	200
Average	2.4248	2.1440	2.0937	1.6883	1.2260	0.7429
STD	0.0665	0.0790	0.0513	0.0619	0.0687	0.0192
A+3*STD	2.6242	2.3810	2.2476	1.8740	1.4319	0.8004
A-3*STD	2.2253	1.9069	1.9398	1.5025	1.0200	0.6855
Min Limit	2	1.67	1.38	0.72	0.65	0.25
Max Limit						



ISC OUTPUT SHORT CIRCUIT CURRENT VS+44V (mA) (Unbiased)

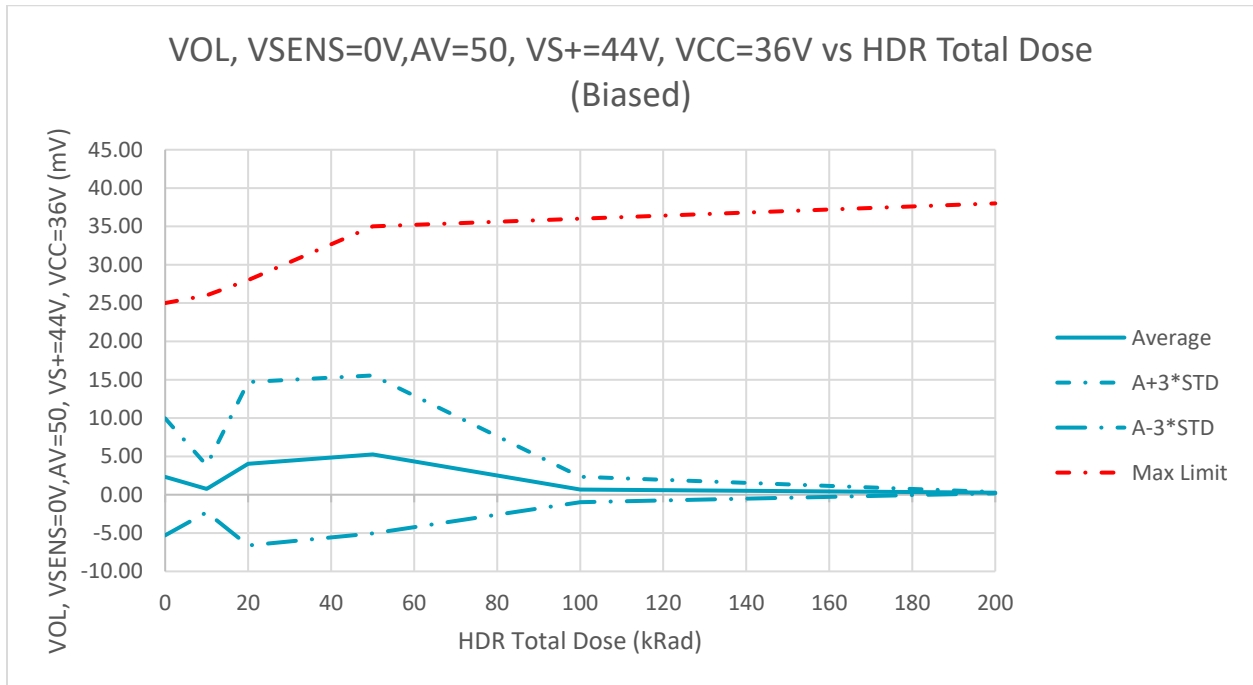
ISC OUTPUT SHORT CIRCUIT CURRENT VS+44V (mA) (Unbiased)				
Dose	0	50	100	200
Average	2.4158	1.6884	1.2074	0.6589
STD	0.0588	0.0281	0.0547	0.0428
A+3*STD	2.5921	1.7728	1.3713	0.7873
A-3*STD	2.2395	1.6040	1.0434	0.5305
Min Limit	2	0.72	0.65	0.25
Max Limit				



VOL, VSENS=0V, AV=50, VS+=44V, VCC=36V (MV)

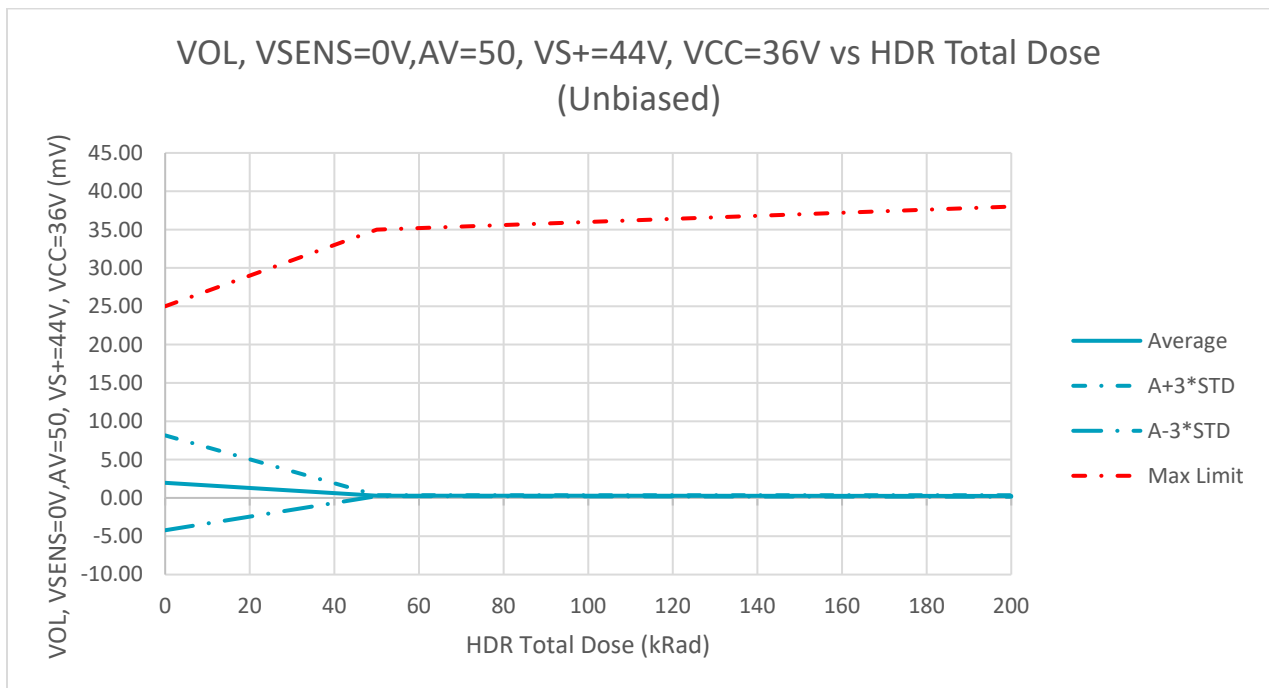
VOL, VSENS=0V, AV=50, VS+=44V, VCC=36V (mV) (Biased)

VOL, VSENS=0V, AV=50, VS+=44V, VCC=36V (mV) (Biased)						
Dose	0	10	20	50	100	200
Average	2.3311	0.7656	4.0432	5.2546	0.6782	0.2668
STD	2.5447	1.0202	3.5537	3.4346	0.5543	0.0286
A+3*STD	9.9653	3.8261	14.7043	15.5584	2.3411	0.3527
A-3*STD	-5.3031	-2.2949	-6.6178	-5.0491	-0.9846	0.1810
Min Limit						
Max Limit	25	26	28	35	36	38



VOL, VSENS=0V, AV=50, VS+=44V, VCC=36V (mV) (Unbiased)

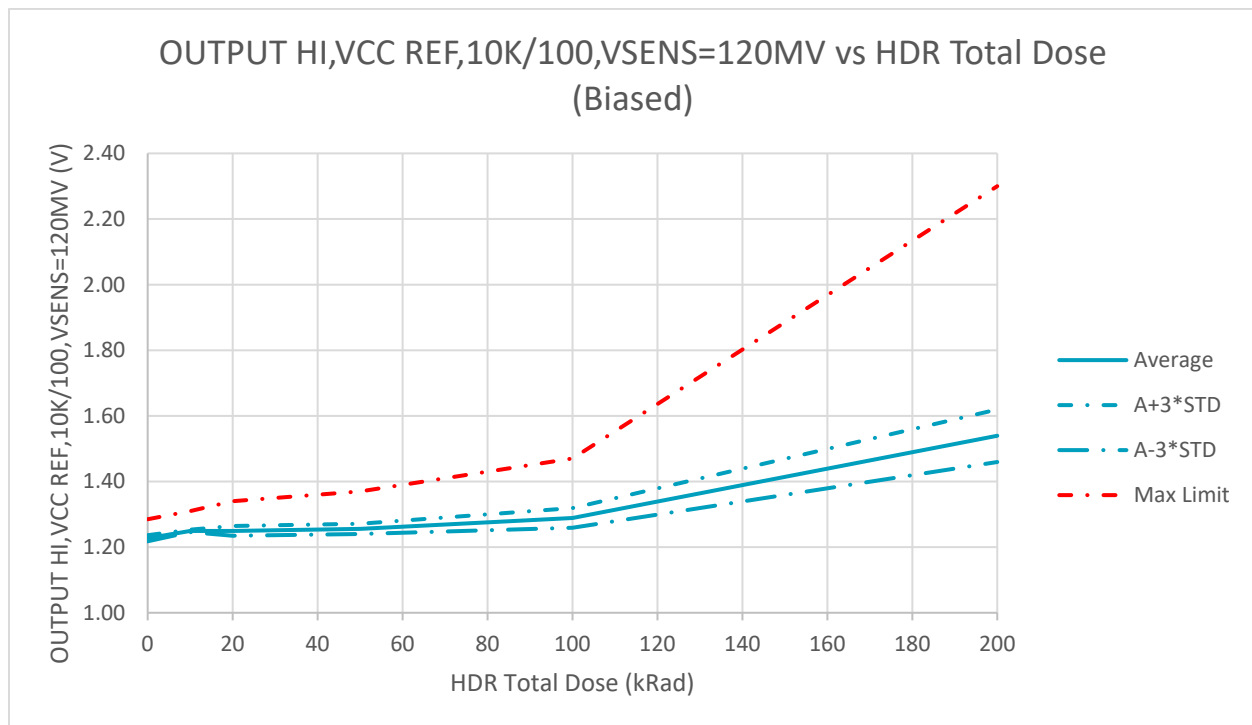
VOL, VSENS=0V, AV=50, VS+=44V, VCC=36V (mV) (Unbiased)				
Dose	0	50	100	200
Average	1.9682	0.2929	0.2761	0.2568
STD	2.0624	0.0209	0.0225	0.0340
A+3*STD	8.1554	0.3558	0.3436	0.3589
A-3*STD	-4.2190	0.2301	0.2086	0.1547
Min Limit				
Max Limit	25	35	36	38



OUTPUT HI, VCC REF, 10K/100, VSENS=120MV (V)

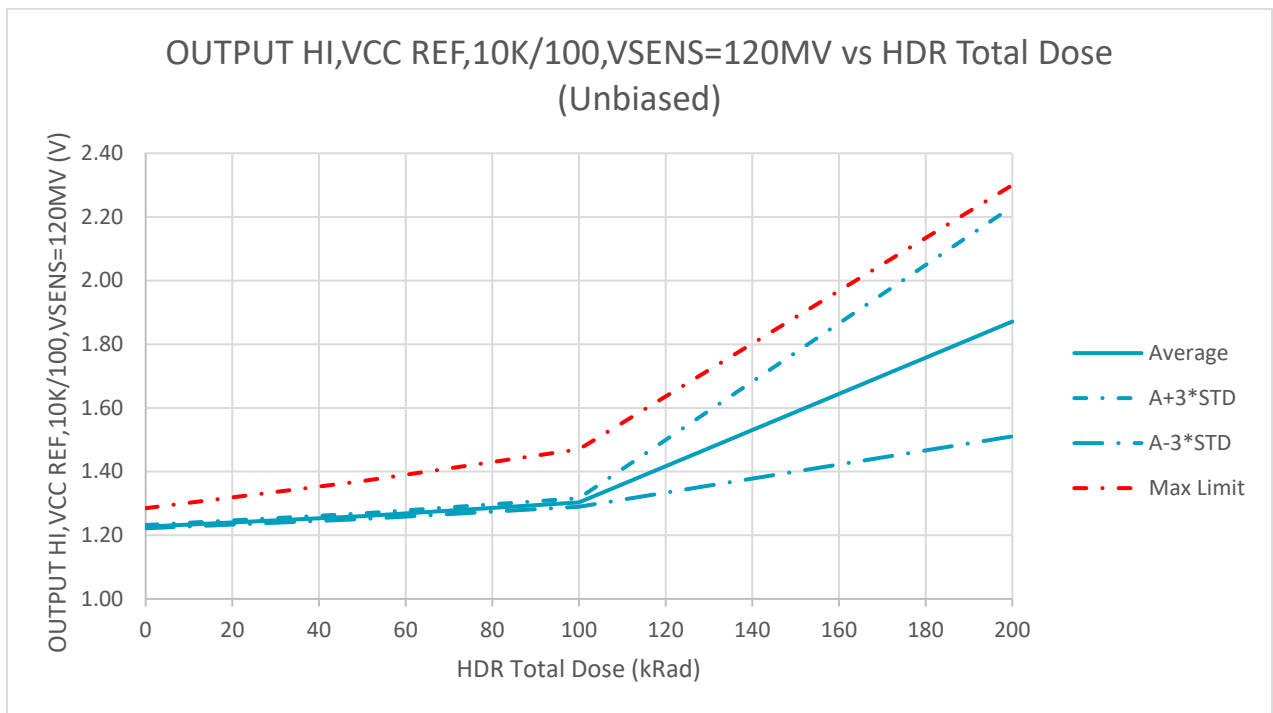
OUTPUT HI, VCC REF, 10K/100, VSENS=120MV (V) (Biased)

OUTPUT HI,VCC REF,10K/100,VSENS=120MV (V) (Biased)						
Dose	0	10	20	50	100	200
Average	1.2271	1.2494	1.2495	1.2557	1.2890	1.5394
STD	0.0031	0.0012	0.0049	0.0052	0.0099	0.0267
A+3*STD	1.2364	1.2530	1.2643	1.2713	1.3189	1.6195
A-3*STD	1.2178	1.2459	1.2347	1.2402	1.2592	1.4594
Min Limit						
Max Limit	1.285	1.31	1.34	1.37	1.47	2.3



OUTPUT HI, VCC REF, 10K/100, VSENS=120MV (V) (Unbiased)

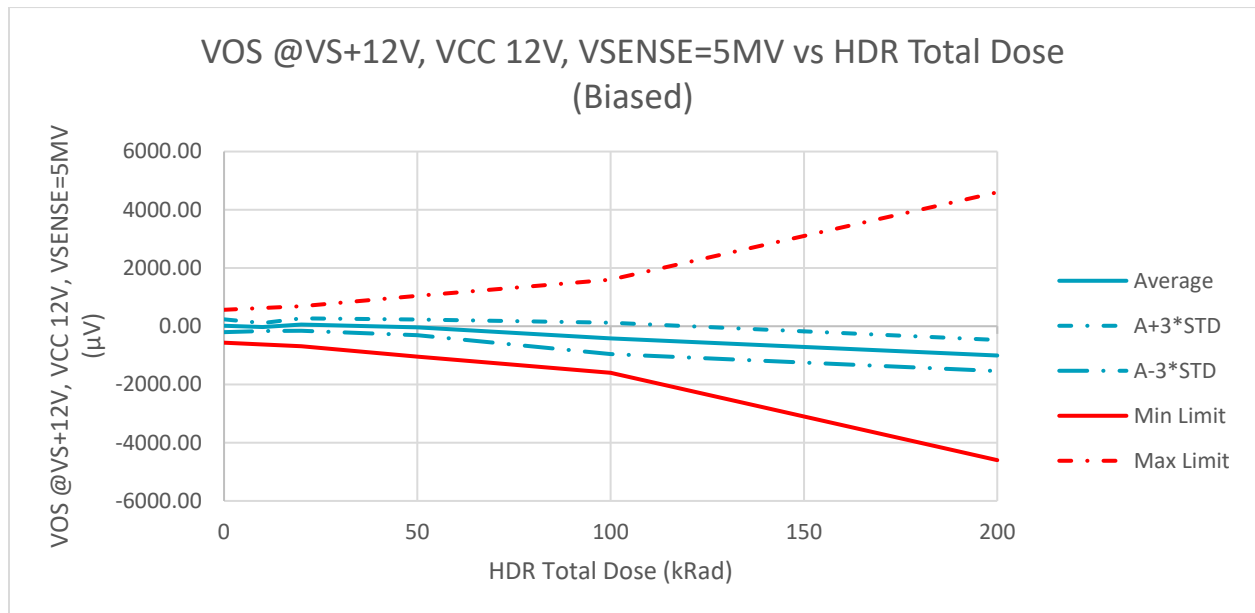
OUTPUT HI,VCC REF,10K/100,VSENS=120MV (V) (Unbiased)				
Dose	0	50	100	200
Average	1.2270	1.2599	1.3029	1.8714
STD	0.0017	0.0029	0.0044	0.1203
A+3*STD	1.2320	1.2687	1.3163	2.2322
A-3*STD	1.2219	1.2510	1.2896	1.5107
Min Limit				
Max Limit	1.285	1.37	1.47	2.3



VOS @VS+12V, VCC 12V, VSENSE=5MV (μ V)

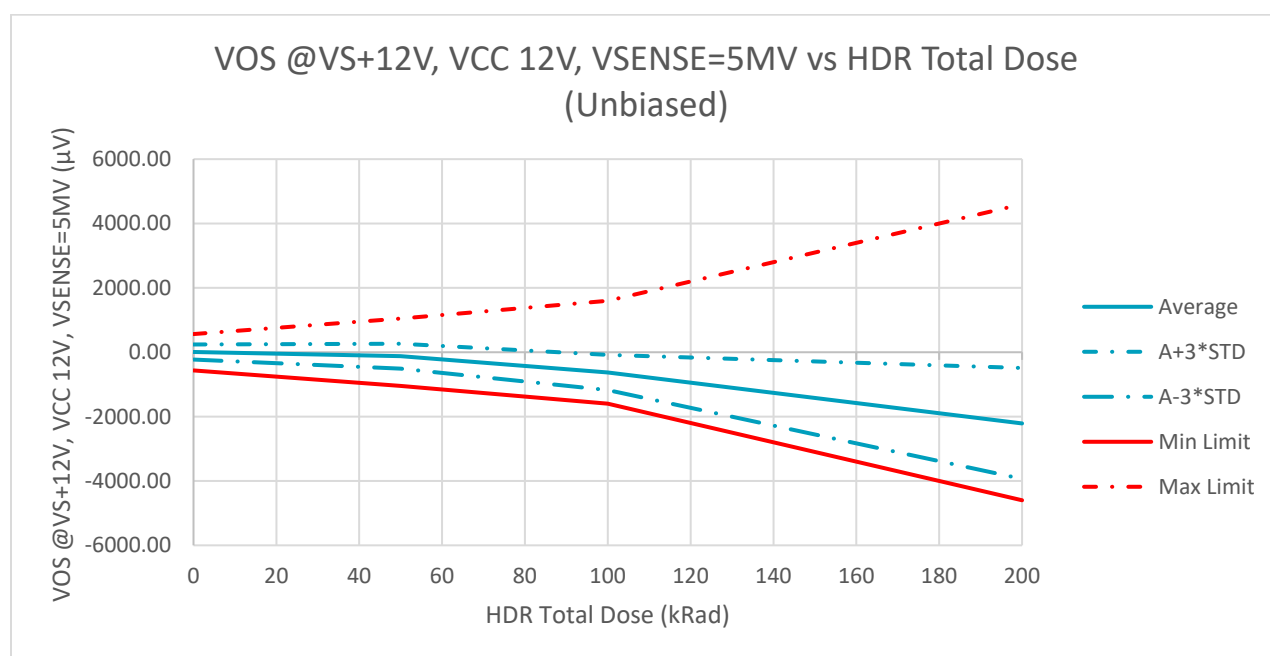
VOS @VS+12V, VCC 12V, VSENSE=5MV (μ V) (Biased)

VOS @VS+12V, VCC 12V, VSENSE=5MV (μ V) (Biased)						
Dose	0	10	20	50	100	200
Average	15.7812	-27.0604	57.5739	-37.9160	-417.4912	-1005.6791
STD	73.3816	46.2086	71.0296	90.4444	179.1712	178.0048
A+3*STD	235.9259	111.5654	270.6626	233.4173	120.0225	-471.6648
A-3*STD	-204.3634	-165.6862	-155.5148	-309.2494	-955.0048	-1539.6934
Min Limit	-565	-625	-685	-1045	-1600	-4600
Max Limit	565	625	685	1045	1600	4600



VOS @VS+12V, VCC 12V, VSENSE=5MV (μ V) (Unbiased)

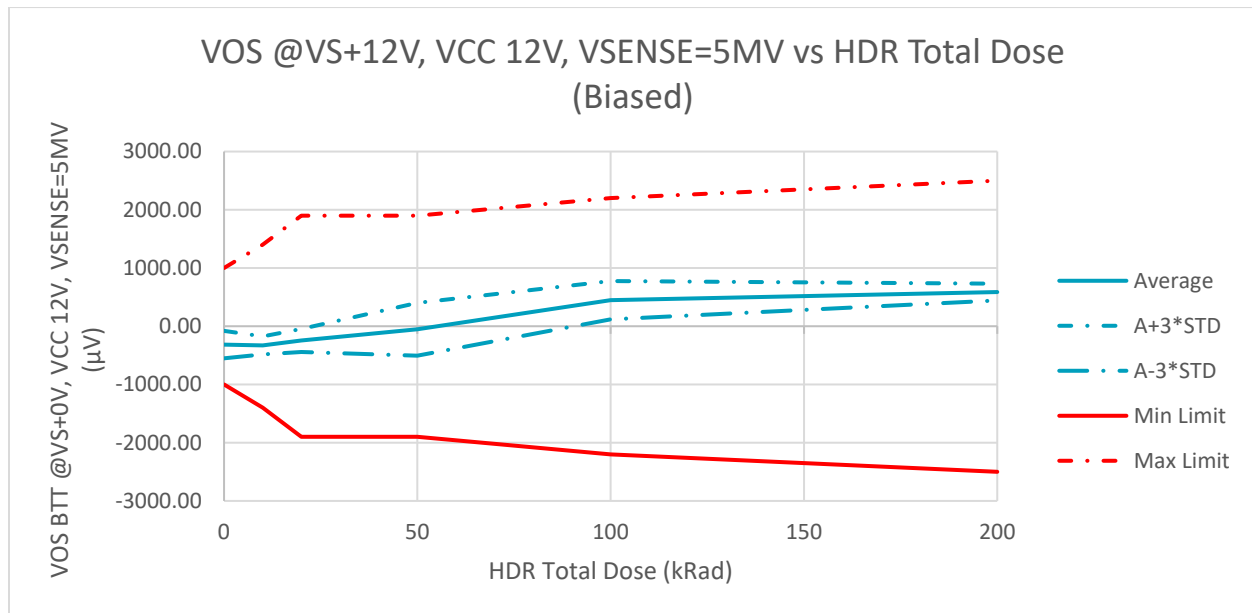
VOS @VS+12V, VCC 12V, VSENSE=5MV (μ V) (Unbiased)				
Dose	0	50	100	200
Average	7.9452	-123.5654	-626.7673	-2212.3210
STD	78.4217	129.3195	182.1508	574.3889
A+3*STD	243.2102	264.3931	-80.3150	-489.1544
A-3*STD	-227.3198	-511.5240	-1173.2197	-3935.4876
Min Limit	-565	-1045	-1600	-4600
Max Limit	565	1045	1600	4600



VOS BTT @VS+0V, VCC 12V, VSENSE=5MV (μV)

VOS BTT @VS+0V, VCC 12V, VSENSE=5MV (μV) (Biased)

VOS BTT @VS+0V, VCC 12V, VSENSE=5MV (μV) (Biased)						
Dose	0	10	20	50	100	200
Average	-315.9980	-329.2597	-245.0060	-51.9921	447.2461	586.9341
STD	78.3808	51.6129	65.9116	150.8431	109.5410	47.9644
A+3*STD	-80.8555	-174.4209	-47.2713	400.5372	775.8691	730.8273
A-3*STD	-551.1404	-484.0986	-442.7406	-504.5213	118.6230	443.0409
Min Limit	-1000	-1400	-1900	-1900	-2200	-2500
Max Limit	1000	1400	1900	1900	2200	2500



VOS BTT @VS+0V, VCC 12V, VSENSE=5MV (μ V) (Unbiased)

VOS BTT @VS+0V, VCC 12V, VSENSE=5MV (μ V) (Unbiased)				
Dose	0	50	100	200
Average	-323.5463	-71.5993	446.7777	674.2955
STD	86.2747	122.8092	95.7231	179.4676
A+3*STD	-64.7221	296.8284	733.9470	1212.6985
A-3*STD	-582.3705	-440.0270	159.6085	135.8926
Min Limit	-1000	-1900	-2200	-2500
Max Limit	1000	1900	2200	2500

