Texas
Instruments
Incorporated

UC1825-SP
5962-8768104V2A

Radiation Test Report

5962-8768104VEA (UC1825J-SP) Radiation Testing

Note: The following radiation test results are provided for information only, as these devices are not Radiation Hardness Assured (RHA) at this time.

Samples of the 5962-8768104VEA, UC1825J-SP, device have been evaluated to determine performance effects after Total Ionizing Dose (TID) radiation exposure. The initial radiation test plan for this device involved testing 40 units at a dose rate of 10 mrad/second, with samples pulled at various total dose intervals. Twenty samples were exposed under unbiased conditions, and 20 samples were exposed under biased conditions. For the biased samples, the bias conditions were the same as the circuit used for burn-in.

The TID samples were pulled from the initial qualification lot after completing normal class-V processing (assembly, burn-in, full-temp testing), and serialized datalogs were collected at 25C before and after radiation exposure. The electrical testing results are included in the release documentation. The test results are summarized below.

Radiation Lot Information

Device Traceability Information Confirmed By: Date:	 Kevin Treece 10/6/2008
Full Device Name:	5962-8768104V2A
Datecode or Lot Trace Code:	0827A
A/T Lot #:	8019355ALP
Full Die Name (Alias with Die Rev):	SMFDRC1825VS
Die Lot #:	8073454SHE

Summary: Units pass up to 40 krad(Si)

Dose rate requirement: 10 mrad(Si)/sec

Exposure groups by S/N:

Control – SN 52 (no radiation exposure)

Biased samples:
10krad(Si) – SN 198, 199, 200, 201, 202
20krad(Si) – SN 204, 206, 207, 209*, 210
30krad(Si) – SN 211, 212, 213, 214, 215
40krad(Si) – SN 216, 217, 218, 219, 220

Unbiased samples:
10krad(Si) – SN 177, 178, 179, 180, 181
20krad(Si) – SN 182, 183, 184, 185, 186
30krad(Si) – SN 187, 188, 189, 190, 191
40krad(Si) – SN 192, 193, 194, 196, 197

- **Note:** Unit #209, from the 20krad sample, failed post radiation electrical testing with several gross parametric test failures, but failure analysis results showed the failures were due to electrical overstress. This device was removed from the electrical test data.

prerad

Units: 40

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1000.1__INV Cont	V	130.783401	-0.95	-0.56829535	-0.5649	-0.5623675	-0.5607	0.00098798	-0.2233	-0.0612	-0.55643965	-0.25	105.389729
1000.2__NI Cont	V	133.948469	-0.95	-0.56743126	-0.5642	-0.5616325	-0.56	0.00096646	-0.2321	-0.0785	-0.55583374	-0.25	107.482465
1000.3__EAOUT Cont	V	130.0965	-0.95	-0.52997298	-0.526	-0.523415	-0.5213	0.001093	-0.0345	-0.1774	-0.51685702	-0.25	83.3839318
1000.4__Clock/LEB Cont	V	126.415566	-0.95	-0.55662851	-0.553	-0.550305	-0.5484	0.00105392	-0.2241	-0.1637	-0.54398149	-0.25	94.9804889
1000.5__RT Cont	V	128.818284	-0.95	-0.57015045	-0.5666	-0.56416	-0.5625	0.00099841	-0.1872	-0.3114	-0.55816955	-0.25	104.886876
1000.6__CT Cont	V	127.09135	-0.95	-0.55569428	-0.5521	-0.54939	-0.5477	0.00105071	-0.1993	-0.4124	-0.54308572	-0.25	94.9798543
1000.7__Ramp Cont	V	127.659501	-0.95	-0.56548003	-0.5618	-0.55936	-0.5577	0.00102001	-0.1861	-0.5192	-0.55323997	-0.25	101.097541
1000.8__SoftStart Cont	V	126.760463	-0.95	-0.54856529	-0.5449	-0.54213	-0.5401	0.00107255	-0.16	-0.1237	-0.53569471	-0.25	90.7900409
1000.9__ILIM/SD Cont	V	133.809944	-0.95	-0.56097039	-0.5576	-0.5550675	-0.5534	0.00098381	-0.1632	-0.2325	-0.54916461	-0.25	103.362132
1000.10__OUTA Cont	V	96.4525488	-0.95	-0.61076567	-0.6061	-0.6035825	-0.6003	0.00119719	0.3023	0.269	-0.59639933	-0.25	98.4474899
1000.11__VC Cont	V	123.528866	-0.95	-0.56447705	-0.5609	-0.5581325	-0.5561	0.00105742	-0.1113	-0.0427	-0.55178795	-0.25	97.1329809
1000.12__OUTB Cont	V	97.9544928	-0.95	-0.61564405	-0.6105	-0.608675	-0.6056	0.00116151	0.659	0.4842	-0.60170595	-0.25	102.933649
1000.13__VCC Cont	V	125.487709	-0.95	-0.61056989	-0.6074	-0.6050725	-0.6033	0.00091623	-0.1656	-0.3022	-0.59957511	-0.25	129.178551
1000.14__Vref Cont	V	115.540475	-0.95	-0.54071696	-0.5361	-0.5335075	-0.5308	0.00120158	0.3847	-0.0424	-0.52629804	-0.25	78.6486938
1000.15__NC Cont	V	2.3492E+13	-11	-10.2393	-10.2393	-10.2393	-10.2393	1.0794E-14	1.0394	-2.1081	-10.2393	-9	3.8272E+13
1005.1__INV Leak	u A	865.663071	-10	0.11158442	0.1226	0.135	0.1413	0.0039026	-0.9372	1.1936	0.15841558	10	842.601499
1005.2__NI Leak	u A	612.392579	-10	0.11061177	0.1282	0.14374	0.1505	0.00552137	-1.072	0.4	0.17686823	10	595.036986
1005.3__EAOUT Leak	u A	320.231516	-10	0.0529971	0.0938	0.1161775	0.1367	0.01053007	0.398	-0.3928	0.1793579	10	312.876228
1005.4__Cock/LEB Leak	u A	506.040741	-10	0.12344335	0.1483	0.1636125	0.1703	0.00669486	-1.0488	-0.2872	0.20378165	10	489.748386
1005.5__RT Leak	u A	1693.45728	-10	-0.00137749	0.0052	0.010445	0.0143	0.00197042	-0.2159	0.0323	0.02226749	10	1689.92334
1005.6__CT Leak	u A	766.353848	-10	0.11160209	0.1204	0.13806	0.1432	0.00440965	-2.0797	6.2445	0.16451791	10	745.48145
1005.7__Ramp Leak	u A	685.157975	-10	0.08290648	0.0967	0.112425	0.1171	0.00491975	-1.6365	2.2911	0.14194352	10	669.923471
1005.8__SoftStart Leak	u A	342.663755	-10	0.05078046	0.0941	0.1097875	0.1334	0.00983451	0.996	0.5026	0.16879454	10	335.221423
1005.9__ILIM/SD Leak	u A	399.874179	-10	0.07876691	0.1121	0.12943	0.1492	0.00844385	0.3642	0.3789	0.18009309	10	389.655299
1005.10__OUTA Leak	u A	2080.21493	-10	-0.01768912	-0.0125	-0.0080825	-0.006	0.0016011	-1.1276	0.2676	0.00152412	10	2083.58032
1005.11__VC Leak	u A	62.6630048	-10	8.03821275	8.5205	8.632915	8.9347	0.09911704	1.7652	2.2518	9.22761725	15	21.4126817
1005.12__OUTB Leak	u A	1113.11144	-10	-0.02584597	-0.0181	-0.0078925	-0.0048	0.00299225	-1.9627	3.7213	0.01006097	10	1114.86988
1005.13__VCC Leak	u A	42.7423249	-10	7.7382996	8.4603	8.609055	9.1192	0.1451259	1.6498	2.6757	9.4798104	15	14.6790822
1005.14__Vref Leak	u A	31.1510549	-10	7.39250021	8.4148	8.5857675	9.3404	0.19887788	2.0658	4.9961	9.77903479	15	10.7507053
1010.1__VCC_Leak@0.6V	u A	2.03184184	0	7.8083E-05	0.0035	0.0049825	0.007	0.0008174	0.1467	-0.1897	0.00988692	5	2036.94642
1010.2__ICC @ 8V	m A	32.6789865	0.1	1.15969942	1.2112	1.2287825	1.2521	0.01151385	0.3833	-0.9147	1.29786558	2.5	36.8025723
1010.3__IC @ 8V	m A	4.12950149	0.005	0.00751781	0.0089	0.0098825	0.0111	0.00039412	0.4044	1.6009	0.01224719	0.1	76.2192219
1010.4__ICC @ 15V	m A	22.2150958	11	25.9862781	26.9258	27.46896	27.8965	0.24711365	-0.2825	-0.4138	28.9516419	30	3.41413763
1010.5__IC @ 15V	m A	4.80779791	0.5	2.09893672	2.9848	3.2378625	3.9216	0.18982096	1.2292	2.725	4.37678828	6	4.8504258
1010.6__VCC UVLO ON	V	9.24700363	8.8	9.04358018	9.0808	9.1108025	9.1289	0.01120372	-0.5857	0.3394	9.17802482	10	26.4554259
1010.7__VCC UVLO OFF	V	21.2196744	7.6	8.19136277	8.2297	8.2529	8.2737	0.01025621	-0.1983	-0.1638	8.31443723	9.2	30.7813656
1010.8__UVLO Hysteresis	V	36.7704053	0.4	0.83297282	0.8471	0.8578775	0.8672	0.00415078	-0.2021	0.3291	0.88278218	1.2	27.4745603
1015.1__Precision 5V	V	12.0671238	4.9975	4.99851154	4.9987	4.9987125	4.9988	3.3493E-05	2.3571	3.7407	4.99891346	5.0025	37.6942114
1015.2__VREF_15V_1mA	V	1.06386916	5.05	5.01593129	5.059	5.0887175	5.1121	0.01213103	-0.6052	0.2406	5.16150371	5.15	1.68390423
1015.3__VREF_10V_1mA	V	3.81459964	4.95	5.01613281	5.0594	5.0890225	5.1125	0.01214828	-0.6025	0.2398	5.16191219	5.25	4.41701677
1015.4__VREF_30V_1mA	V	3.77359493	4.95	5.01432557	5.0572	5.0868625	5.1099	0.01208949	-0.6119	0.234	5.15939943	5.25	4.49805347
1015.5__VREF_30V_10mA	V	3.68438063	4.95	5.01115192	5.054	5.0837625	5.1065	0.01210176	-0.6227	0.2363	5.15637308	5.25	4.57887842
1015.6__VREF_10V_10mA	V	3.70722847	4.95	5.01209908	5.0551	5.0848475	5.108	0.01212474	-0.6126	0.2385	5.15759592	5.25	4.54037375
1015.7__VREF_15V_10mA	V	3.71436117	4.95	5.0123334	5.0554	5.0850525	5.1081	0.01211985	-0.6121	0.2239	5.1577716	5.25	4.53656607
1015.8__VREF_Line_Reg	m V	61.0774423	-20	1.4385303	1.8978	2.1643075	2.562	0.12096287	0.8937	2.3382	2.8900847	20	49.1492224

Units: 40

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1015.9__VREF_Load_Reg	m V	60.7920072	-20	2.89355673	3.3976	3.672355	4.0336	0.12979971	0.3661	0.5983	4.45115327	20	41.9303577
1015.10__Min Output Variation	V	2.30717079	5	5.01115192	5.054	5.0837625	5.1065	0.01210176	-0.6227	0.2363	5.15637308	5.2	3.20166858
1015.11__Max Output Variation	V	2.44266357	5	5.01613281	5.0594	5.0890225	5.1125	0.01214828	-0.6025	0.2398	5.16191219	5.2	3.0450807
1015.12__Short Circuit Current	m A	36.9371362	-100	-50.0730567	-48.3269	-47.214955	-46.4633	0.47635028	-0.6995	-0.3525	-44.3568533	-15	22.5429036
1015.13__Output Noise Voltage	u V	2.06309231	30	31.3956648	67.1456	75.6376625	97.0303	7.37366628	1.1031	1.1829	119.87966	150	3.36161753
1020.1__Osc_Freq @ 15V	K Hz	5.41914255	360	375.400726	381.3936	384.409258	387.6302	1.50142187	0.207	-0.4476	393.417789	440	12.3417993
1020.2__Osc_Freq @ 10V	K Hz	9.85942823	340	375.382486	381.3749	384.386318	387.5963	1.50063866	0.2032	-0.4516	393.390149	460	16.7958893
1020.3__Osc_Freq @ 30V	K Hz	9.66653323	340	374.998153	381.007	384.128265	387.4411	1.52168531	0.216	-0.4052	393.258377	460	16.6201107
1020.4__sc Voltage Stability	%	1.63574765	0.01	-0.00272797	0.0393	0.0671575	0.0965	0.01164758	-0.6334	1.3004	0.13704297	2	55.3145709
1020.5__Ramp Valley	V	21.905385	0.7	1.01588169	1.0381	1.04762	1.0585	0.00528972	0.2219	-0.3558	1.07935831	1.25	12.7530401
1020.6__Ramp Peak	V	11.6319656	2.6	2.77454677	2.7926	2.81079	2.8232	0.00604054	-0.8229	2.6633	2.84703323	3	10.4411225
1020.7__Ramp Valley to Peak	V	8.03945678	1.6	1.72258146	1.7443	1.763175	1.7818	0.00676559	-0.0671	1.5254	1.80376854	2	11.6681131
1020.8__Clock Out Low	V	53.1865199	0.1	2.45566029	2.4719	2.5477025	2.5715	0.01534037	-3.1225	15.135	2.63974471	2.9	7.65512884
1020.9__Clock Out High	V	11.733782	3.9	4.22504128	4.2626	4.2918275	4.3112	0.01113104	-0.4376	0.0835	4.35861372	4.9	18.2125133
1020.10__Osc_Max_Freq @ 15V	K Hz	1.64880676	700	686.778614	736.5024	762.072693	825.074	12.549013	3.1333	16.457	837.366771	1100	8.97619883
1025.1__Vio	m V	2.13519573	-10	-9.39419153	-4.5946	-0.432245	2.9833	1.49365776	-0.0948	0.6528	8.52970153	10	2.32812034
1025.2__Ibias neg	u A	41.5508671	-3	0.46918831	0.5824	0.6446175	0.7058	0.0292382	-0.3757	-0.4055	0.82004669	3	26.8528001
1025.3__Ibias pos	u A	24.729774	-3	-0.84110211	-0.735	-0.65114	-0.5901	0.03166035	-0.0496	0.0918	-0.46117789	3	38.4407189
1025.4__Ios	u A	13.441599	-1	-0.15433744	-0.1477	-0.006515	0.0185	0.02463707	-5.0081	29.096	0.14130744	1	13.6178915
1025.5__CMRR	dB	1.07706681	75	48.4400825	91.1655	105.995533	137.5328	9.59257501	1.4191	2.5073	163.550983		
1025.6__AVOL	dB	33.8285723	60	102.21822	104.1094	104.87107	106.0957	0.44214173	0.451	0.5138	107.52392	120	11.4057923
1025.7__PSRR	dB	3.22086258	85	91.8377182	98.5008	103.039173	107.9775	1.86690905	0.0975	0.3976	114.240627	120	3.02832598
1025.8__GBW @ 100KHz	M Hz	15.3820939	3	12.3273004	13.4787	13.7212975	14.4269	0.23233286	1.5707	2.187	15.1152946	20	9.00819994
1025.9__Slew Rate Pos	V/us	4.74738111	4	5.42269438	5.9647	6.4583675	7.0333	0.17261219	0.5227	3.6562	7.49404062	24	33.8748437
1025.10__Slew Rate Neg	V/us	13.7399236	4	9.5278622	10.2413	10.4695825	11.1074	0.15695338	1.9587	5.9216	11.4113028	24	28.7355332
1025.11__VOL @ 1mA	V	26.7730109	0	0.43441117	0.4522	0.4694825	0.4786	0.00584522	-0.8118	0.7396	0.50455383	1	30.2536321
1025.12__VOH @ -0.5mA	V	18.6034669	4	4.72388112	4.778	4.8110775	4.8447	0.01453273	-0.309	0.0113	4.89827388	5	4.33326466
1025.13__IO Source	m A	89.4421524	-10	-1.57915626	-1.4883	-1.3865525	-1.324	0.03210063	-0.9348	2.4875	-1.19394874	-0.5	9.20597285
1025.14__IO Sink	m A	17.4069151	1	3.05692658	3.243	3.32394	3.4412	0.04450224	0.2146	0.038	3.59095342	10	50.0054259
1030.1__RAMP Ibias	u A	54.3105963	-5	-1.03921825	-0.9222	-0.887785	-0.8249	0.02523887	1.0329	0.0967	-0.73635175	0	11.7251002
1030.2__OUTA Period	u s	7.31542887	4.5454	5.01405129	5.1349	5.1903875	5.2435	0.02938937	-0.1035	-0.641	5.36672371	5.5555	4.14109502
1030.3__UTA Max DC	%	10.8549782	85	87.9839297	88.411	88.657885	88.842	0.11232588	-0.3089	-0.4492	89.3318403	95	18.8205807
1030.4__EAOUT MAX DC Threshold	V	5.79419819	1.1	1.24517845	1.2929	1.321705	1.3485	0.01275443	-0.0568	0.1284	1.39823155	1.5	4.65968998
1030.5__EAOUT Zero DC Threshold	V	4.06619716	1.1	1.16544461	1.2071	1.2287925	1.2475	0.01055798	0.2373	-0.4255	1.29214039	1.5	8.56247969
1030.6__Delay to Output	n s	10.4304484	40	62.2669466	64.8459	67.5494525	68.8933	0.88041765	-1.3229	2.478	72.8319584	80	4.71387928
1035.1__Charge Current	u A	50.816599	-20	-7.78320555	-7.5107	-7.2826875	-7.0646	0.08341967	-0.2304	1.5493	-6.78216945	-3	17.1130192
1035.2__Discharge Current	m A	7.05849385	1	4.62708515	5.5959	6.0611425	6.8398	0.23900956	1.2174	3.3383	7.49519985	20	19.439749
1040.1__Current Bias @ 0V	u A	180.496855	-15	-1.2426319	-1.1619	-1.088485	-1.0477	0.02569115	-0.8026	0.7678	-0.9343381	15	208.742251
1040.2__Current Bias @ 4V	u A	33.68687	-15	2.57067802	3.2698	3.6796975	4.2344	0.18483658	0.2061	1.2419	4.78871698	15	20.414975
1040.3__Ilimit Threshold	V	17.6290854	0.9	1.02422798	1.0337	1.040125	1.0477	0.0026495	0.2015	1.1384	1.05602202	1.1	7.53285628
1040.4__SD Threshold	V	15.6132277	1.25	1.38263832	1.3935	1.402125	1.4075	0.00324778	-0.5201	0.5037	1.42161168	1.55	15.1770323
1040.5__V(EAOUT) @ SD	V	221.074004	0	0.71963521	0.7235	0.726205	0.7283	0.00109497	-0.2386	-0.1507	0.73277479	1	83.3496834
1045.1__Collector Leakage	u A	20.8489179	10	119.936808	128.7858	131.60186	137.8327	1.9441754	1.2751	2.147	143.266912	500	63.1627064
1045.2__VOL(OUTA) @ 20mA	V	7.7049183	0.01	0.07922423	0.094	0.1034925	0.1094	0.00404471	-0.6497	-0.4463	0.12776077	0.4	24.4358217
1045.3__VOL(OUTA) @ 200mA	V	15.1896558	0.01	0.31135226	0.3359	0.3570475	0.3679	0.00761587	-1.0302	0.7217	0.40274274	2.2	80.6627742

Units: 40

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1045.4__VOL(OUTB) @ 20mA	V	7.67396818	0.01	0.07909493	0.0924	0.10345	0.1085	0.00405918	-0.935	0.2394	0.12780507	0.4	24.3522233
1045.5__VOL(OUTB) @ 200mA	V	16.5307246	0.01	0.31732058	0.3375	0.35962	0.3681	0.0070499	-1.2103	1.3575	0.40191942	2.2	87.0168037
1045.6__VOH(OUTA) @ 20mA	V	60.3253177	13	13.5258871	13.5375	13.54392	13.5502	0.00300548	0.0591	0.0316	13.5619529	15	161.491559
1045.7__VOH(OUTA) @ 200mA	V	114.508569	12	13.3711115	13.3868	13.395485	13.4046	0.00406224	0.0862	-0.225	13.4198585	15	131.660833
1045.8__VOH(OUTB) @ 20mA	V	62.9028417	13	13.5306828	13.5417	13.54811	13.555	0.00290453	0.2545	0.2267	13.5655372	15	166.6235
1045.9__VOH(OUTB) @ 200mA	V	171.009881	12	13.4069408	13.4173	13.42359	13.4297	0.00277487	0.0052	0.3005	13.4402392	15	189.367505
1045.10__Leak(OUTA) @ 0.5V	u A	16.2812306	0	0.34663357	0.3788	0.3951775	0.4117	0.00809066	0.1174	-0.4791	0.44372143	10	395.716685
1045.11__Leak(OUTB) @ 0.5V	u A	15.0683044	0	0.34585686	0.3798	0.3987875	0.4203	0.00882177	0.2984	0.0473	0.45171814	10	362.784672
1045.12__Leak(OUTA) @ 0V	u A	2.22594078	-12	-10.8218458	-9.8907	-0.39297	-0.0047	1.73814597	-4.9272	25.024	10.0359058	0	0.07536191
1045.13__Leak(OUTB) @ 0V	u A	3.03158848	-12	-7.99120475	-8.2066	-0.2191225	-0.0052	1.29534704	-6.324	39.996	7.55295975	0	0.05638708
1045.14__OUTA Period	u s	7.29159691	4.5454	5.01133592	5.1289	5.18744	5.2382	0.02935068	-0.1385	-0.6127	5.36354408	5.5555	4.18002797
1045.15__UTB Max DC (EAOUT=Hi)	%	6.43616543	85	87.8407926	88.3452	89.121535	89.5406	0.21345707	-1.1028	3.2793	90.4022774	95	9.17977725
1045.16__UTA Max DC (EAOUT=Hi)	%	11.1180537	85	88.024595	88.4554	88.688025	88.8892	0.11057166	-0.478	-0.4009	89.351455	95	19.0283084
1045.17__UTA Max DC (SS@1p8V)	%	10.0073688	85	87.9624492	88.3963	88.70238	88.9122	0.12332179	-0.6207	-0.1866	89.4423108	95	17.0221873
1045.18__UTB Max DC (SS@1p8V)	%	6.65739031	85	87.9045979	88.3778	89.151905	89.576	0.20788451	-1.1706	3.7334	90.3992121	95	9.37715361
1045.21__UTA Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.22__UTB Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.23__UTA Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.24__UTB Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.25__UTA Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.26__UTB Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.27__OUTA Rise Time @ 1nF	n s	16.7466112	1	34.2728657	37.0616	38.7854775	40.5916	0.75210196	0.1207	-0.0205	43.2980893	60	9.40232555
1045.28__OUTA Fall Time @ 1nF	n s	17.1506778	1	34.1398659	36.8449	38.51457	40.1948	0.72911734	-0.4218	0.5526	42.8892741	60	9.82257527
1045.29__OUTB Rise Time @ 1nF	n s	15.0241092	1	32.4772851	35.4322	37.31098	38.6835	0.80561582	-0.3634	-0.3609	42.1446749	60	9.38785773
1045.30__OUTB Fall Time @ 1nF	n s	14.1450179	1	32.1947653	35.1562	37.3318125	39.3647	0.85617454	-0.1747	0.9144	42.4688597	60	8.82537633

Units: 10

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1000.1__INV Cont	V	107.682367	-0.95	-0.5691181	-0.5642	-0.56191	-0.5597	0.00120134	-0.0631	1.2586	-0.5547019	-0.25	86.544892
1000.2__NI Cont	V	109.932506	-0.95	-0.5682636	-0.5636	-0.56119	-0.5591	0.00117894	-0.3928	1.7476	-0.5541164	-0.25	87.9861544
1000.3__EAOUT Cont	V	100.364347	-0.95	-0.53146	-0.5255	-0.52295	-0.5203	0.00141833	0.1349	0.8205	-0.51444	-0.25	64.1481054
1000.4__Clock/LEB Cont	V	103.452053	-0.95	-0.5576546	-0.5524	-0.54992	-0.5476	0.0012891	-0.1462	1.1571	-0.5421854	-0.25	77.5528387
1000.5__RT Cont	V	106.644034	-0.95	-0.5709054	-0.566	-0.56366	-0.5615	0.00120757	-0.1765	1.2059	-0.5564146	-0.25	86.5816838
1000.6__CT Cont	V	111.267247	-0.95	-0.5561981	-0.5514	-0.54899	-0.5468	0.00120134	-0.1907	1.7668	-0.5417819	-0.25	82.9600117
1000.7__Ramp Cont	V	107.886574	-0.95	-0.5662287	-0.5613	-0.55898	-0.5567	0.00120812	0.0217	1.5472	-0.5517313	-0.25	85.2508659
1000.8__SoftStart Cont	V	101.936977	-0.95	-0.5497402	-0.5442	-0.54173	-0.5391	0.00133504	0.1913	1.6292	-0.5337198	-0.25	72.8392344
1000.9__ILIM/SD Cont	V	111.375205	-0.95	-0.5618182	-0.5567	-0.55472	-0.5524	0.00118303	0.4432	0.8488	-0.5476218	-0.25	85.8587643
1000.10__OUTA Cont	V	87.352628	-0.95	-0.6109448	-0.6043	-0.603	-0.5996	0.00132413	2.1199	5.4658	-0.5950552	-0.25	88.8630481
1000.11__VC Cont	V	110.813268	-0.95	-0.5649179	-0.5602	-0.55784	-0.5558	0.00117964	-0.3757	1.396	-0.5507621	-0.25	86.9868333
1000.12__OUTB Cont	V	82.8887275	-0.95	-0.6162813	-0.6104	-0.60803	-0.6056	0.00137522	0.2345	0.2532	-0.5997787	-0.25	86.7814461
1000.13__VCC Cont	V	116.072323	-0.95	-0.6105318	-0.6067	-0.60458	-0.6029	0.00099197	-0.6969	2.1738	-0.5986282	-0.25	119.15038
1000.14__Vref Cont	V	92.6272528	-0.95	-0.542268	-0.5353	-0.53327	-0.5299	0.00149967	1.2581	2.1421	-0.524272	-0.25	62.9628822
1000.15__NC Cont	V	Infinite	-11	-10.2393	-10.2393	-10.2393	-10.2393	0	#DIV/0!	#DIV/0!	-10.2393	-9	Infinite
1005.1__INV Leak	u A	527.597433	-10	0.09597287	0.1175	0.13439	0.1391	0.00640286	-2.4476	6.3781	0.17280713	10	513.604717
1005.2__NI Leak	u A	2573.64545	-10	0.13926457	0.1443	0.14715	0.1487	0.00131424	-1.0911	1.4299	0.15503543	10	2499.00145
1005.3__EAOUT Leak	u A	672.886579	-10	0.09937246	0.1208	0.12948	0.1356	0.00501792	-0.3846	-1.126	0.15958754	10	655.684244
1005.4__Cock/LEB Leak	u A	683.544095	-10	0.13454006	0.1557	0.16428	0.1693	0.00495666	-0.7961	-0.74	0.19401994	10	661.448555
1005.5__RT Leak	u A	1219.85938	-10	-0.0075399	0.0036	0.00887	0.014	0.00273498	-0.0195	1.5111	0.02527988	10	1217.69727
1005.6__CT Leak	u A	647.279168	-10	0.1060071	0.1242	0.13733	0.1418	0.00522048	-2.0114	4.6681	0.1686529	10	629.741839
1005.7__Ramp Leak	u A	734.388348	-10	0.08275609	0.1026	0.11029	0.1161	0.00458898	-0.2889	-1.0076	0.13782391	10	718.365921
1005.8__SoftStart Leak	u A	318.145911	-10	0.0535195	0.101	0.11712	0.1344	0.01060008	0.3861	-0.5293	0.1807205	10	310.779931
1005.9__ILIM/SD Leak	u A	393.771524	-10	0.08563268	0.1234	0.13712	0.1467	0.00858122	-0.3855	-1.2172	0.18860732	10	383.118804
1005.10__OUTA Leak	u A	1160.33116	-10	-0.025632	-0.0134	-0.00841	-0.0059	0.00287033	-1.0359	-0.9238	0.00881196	10	1162.28448
1005.11__VC Leak	u A	22.8681249	-10	7.11016289	8.5424	8.75	9.3153	0.27330619	1.5314	1.0794	10.3898371	15	7.62270831
1005.12__OUTB Leak	u A	2228.7022	-10	-0.0160275	-0.0103	-0.00706	-0.0052	0.00149458	-1.186	1.3134	0.0019075	10	2231.85135
1005.13__VCC Leak	u A	50.2754881	-10	7.88859531	8.5247	8.6297	8.8815	0.12351745	1.5979	1.253	9.37080469	15	17.1913634
1005.14__Vref Leak	u A	25.2534398	-10	7.1729827	8.4463	8.65001	9.2454	0.24617122	1.856	3.4801	10.1270373	15	8.59833804
1010.1__VCC_Leak@0.6V	u A	5.12867875	0	0.00324539	0.0045	0.00532	0.0057	0.00034577	-1.5409	3.126	0.00739461	5	4815.05812
1010.2__ICC @ 8V	m A	30.488275	0.1	1.14896792	1.2038	1.22261	1.24	0.01227368	0.1884	-1.1524	1.29625208	2.5	34.6918499
1010.3__IC @ 8V	m A	4.72378054	0.005	0.008402	0.0104	0.0109	0.0117	0.00041633	0.5081	-0.0591	0.013398	0.1	71.3370925
1010.4__ICC @ 15V	m A	20.8365243	11	25.8616491	26.8562	27.43961	27.8081	0.26299348	-1.0952	1.964	29.0175709	30	3.2451882
1010.5__IC @ 15V	m A	3.77920685	0.5	1.77851543	2.9503	3.21569	3.7717	0.2395291	1.3051	2.7325	4.65286457	6	3.87469978
1010.6__VCC UVLO ON	V	9.86863775	8.8	9.0499335	9.1008	9.11346	9.1269	0.01058775	0.1661	-1.9369	9.1769865	10	27.9108725
1010.7__VCC UVLO OFF	V	21.8385842	7.6	8.19383348	8.2417	8.2537	8.2697	0.00997775	0.5906	-1.25	8.31356652	9.2	31.6136642
1010.8__UVLO Hysteresis	V	39.0133012	0.4	0.83616214	0.8551	0.85973	0.8692	0.00392798	1.6131	3.5994	0.88329786	1.2	28.8757662
1015.1__Precision 5V	V	Infinite	4.9975	4.9996	4.9996	4.9996	4.9996	0	#DIV/0!	#DIV/0!	4.9996	5.0025	Infinite
1015.2__VREF_15V_1mA	V	0.73190505	5.05	4.9843693	5.0579	5.08788	5.1091	0.01725178	-0.6223	-0.4658	5.1913907	5.15	1.20026245
1015.3__VREF_10V_1mA	V	2.6693989	4.95	4.98464606	5.0582	5.08816	5.1094	0.01725232	-0.6184	-0.4707	5.19167394	5.25	3.12692181
1015.4__VREF_30V_1mA	V	2.6354425	4.95	4.98280117	5.0561	5.08604	5.1072	0.01720647	-0.6265	-0.4539	5.18927883	5.25	3.17632426
1015.5__VREF_30V_10mA	V	2.57272882	4.95	4.97956777	5.0528	5.08282	5.1039	0.01720871	-0.631	-0.4382	5.18607223	5.25	3.23828342
1015.6__VREF_10V_10mA	V	2.59415702	4.95	4.98065426	5.0539	5.08384	5.105	0.01719762	-0.6268	-0.4431	5.18702574	5.25	3.2206002
1015.7__VREF_15V_10mA	V	2.59401186	4.95	4.98069429	5.054	5.08404	5.1052	0.01722429	-0.6299	-0.4384	5.18738571	5.25	3.21174431
1015.8__VREF_Line_Reg	m V	54.2088482	-20	1.30328068	1.8867	2.11936	2.3296	0.13601322	-0.4053	-0.1938	2.93543932	20	43.8208384

Units: 10

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1015.9__VREF_Load_Reg	m V	52.3768192	-20	2.9188532	3.4878	3.82875	4.0329	0.15164947	-1.0568	2.3121	4.7386468	20	35.54524
1015.10__Min Output Variation	V	1.60422678	5	4.97956777	5.0528	5.08282	5.1039	0.01720871	-0.631	-0.4382	5.18607223	5.2	2.26978138
1015.11__Max Output Variation	V	1.70334544	5	4.98464606	5.0582	5.08816	5.1094	0.01725232	-0.6184	-0.4707	5.19167394	5.2	2.16086836
1015.12__Short Circuit Current	m A	26.3178114	-100	-51.842978	-48.9826	-47.88234	-47.1718	0.66010631	-0.9097	-0.9249	-43.921702	-15	16.6045679
1015.13__Output Noise Voltage	u V	1.3178201	30	2.93210672	66.9089	82.28916	112.7968	13.2261755	1.573	2.6414	161.646213	150	1.70648574
1020.1__Osc_Freq @ 15V	K Hz	5.56581247	360	375.262595	380.8077	383.82311	385.4121	1.42675247	-1.0414	0.9518	392.383625	440	13.1246523
1020.2__Osc_Freq @ 10V	K Hz	10.2351648	340	375.241529	380.7879	383.80032	385.3917	1.42646522	-1.0379	0.9419	392.359111	460	17.8061778
1020.3__Osc_Freq @ 30V	K Hz	10.0180016	340	374.844102	380.4632	383.53557	385.147	1.448578	-1.05	1.0008	392.227038	460	17.5952854
1020.4__Osc Voltage Stability	%	2.53523685	0.01	0.02245814	0.0559	0.06901	0.0853	0.00775864	0.606	1.876	0.11556186	2	82.9608034
1020.5__Ramp Valley	V	17.3556184	0.7	1.00665904	1.0381	1.0466	1.0551	0.00665683	-1E-13	-1.7159	1.08654096	1.25	10.185034
1020.6__Ramp Peak	V	7.63602131	2.6	2.7552042	2.796	2.81028	2.8232	0.0091793	-0.3489	-0.421	2.8653558	3	6.88941394
1020.7__Ramp Valley to Peak	V	6.91933381	1.6	1.7163762	1.7545	1.76369	1.7818	0.00788563	1.3429	2.3697	1.8110038	2	9.98905108
1020.8__Clock Out Low	V	59.9530865	0.1	2.46390988	2.5267	2.54549	2.5693	0.01359669	0.6073	-0.3344	2.62707012	2.9	8.69108796
1020.9__Clock Out High	V	8.63747107	3.9	4.20074857	4.2673	4.29137	4.3096	0.01510357	-0.3061	-1.1772	4.38199143	4.9	13.4323633
1020.10__Osc_Max_Freq @ 15V	K Hz	1.55692312	700	689.867962	727.3297	735.60286	752.0423	7.62248301	0.9956	1.2587	781.337758	1100	15.9351898
1025.1__Vio	m V	2.10462842	-10	-9.4931526	-1.6916	0.19537	3.1462	1.61475377	0.6296	-0.7909	9.88389261	10	2.02396803
1025.2__Ibias neg	u A	41.2066467	-3	0.4888858	0.6321	0.66686	0.714	0.02966237	0.217	-1.2537	0.8448342	3	26.2188564
1025.3__Ibias pos	u A	23.0876312	-3	-0.8697572	-0.7215	-0.66772	-0.6183	0.03367286	-0.2679	-1.1806	-0.4656828	3	36.3073758
1025.4__Ios	u A	25.7797817	-1	-0.0783735	-0.0234	-0.00086	0.0195	0.01291891	0.0582	-0.3226	0.07665346	1	25.8241611
1025.5__CMRR	dB	1.25755869	75	56.1600981	95.4134	106.91132	124.5146	8.45853698	0.7197	1.1229	157.662542		
1025.6__AVOL	dB	16.0757527	60	98.7992149	102.4938	104.31213	105.4686	0.91881918	-0.6448	0.2061	109.825045	120	5.69131565
1025.7__PSRR	dB	3.88291927	85	93.9499686	100.8952	103.45645	106.0319	1.58441357	-0.0988	-0.6572	112.962931	120	3.48047805
1025.8__GBW @ 100KHz	M Hz	12.3683813	3	12.0317821	13.5051	13.77396	14.4426	0.29036298	1.6033	2.4555	15.5161379	20	7.14742179
1025.9__Slew Rate Pos	V/us	3.11605938	4	4.85882285	6.1123	6.39785	6.9976	0.25650453	1.4634	2.7948	7.93687715	24	22.8743852
1025.10__Slew Rate Neg	V/us	9.21760107	4	9.0540663	10.2535	10.45455	11.0576	0.23341395	2.305	5.6229	11.8550337	24	19.3439596
1025.11__VOL @ 1mA	V	22.8377211	0	0.42685094	0.4517	0.46782	0.475	0.00682818	-1.5011	3.0378	0.50878906	1	25.9796041
1025.12__VOH @ -0.5mA	V	13.0267082	4	4.68534385	4.778	4.80965	4.8333	0.02071769	-0.5135	-1.1522	4.93395615	5	3.06259977
1025.13__IO Source	m A	61.7074323	-10	-1.6407955	-1.4677	-1.36079	-1.3002	0.04666758	-1.2495	2.6113	-1.0807845	-0.5	6.14837939
1025.14__IO Sink	m A	17.4832078	1	3.07786731	3.2862	3.34627	3.4483	0.04473378	1.1228	2.6174	3.61467269	10	49.5802035
1030.1__RAMP Ibias	u A	46.2664247	-5	-1.2505058	-1.1151	-1.0811	-1.037	0.0282343	0.5332	-1.1442	-0.9116942	0	12.7634366
1030.2__OUTA Period	u s	11.3092962	4.5454	5.10210751	5.1943	5.22171	5.2532	0.01993375	0.3114	-0.5153	5.34131249	5.5555	5.58165629
1030.3__OUTA Max DC	%	12.7781742	85	88.1428856	88.591	88.72608	88.9285	0.09719907	0.7784	1.0934	89.3092744	95	21.5157062
1030.4__EAOUT MAX DC Threshold	V	4.66654663	1.1	1.22063196	1.298	1.31111	1.3434	0.01507967	1.0777	0.8777	1.40158804	1.5	4.17537773
1030.5__EAOUT Zero DC Threshold	V	4.78414798	1.1	1.1770098	1.2172	1.23233	1.2475	0.00922003	0.0027	-0.45	1.2876502	1.5	9.67711697
1030.6__Delay to Output	n s	7.13791389	40	59.4965454	64.3011	67.08583	68.5504	1.26488077	-1.1459	1.5548	74.6751146	80	3.40326412
1035.1__Charge Current	u A	38.2021267	-20	-7.937867	-7.5333	-7.27149	-7.1262	0.11106284	-1.5373	3.2111	-6.605113	-3	12.8200396
1035.2__Discharge Current	m A	5.82838606	1	4.3002535	5.6878	6.02435	6.7147	0.28734942	1.5904	3.5253	7.7484465	20	16.2121436
1040.1__Current Bias @ 0V	u A	143.64961	-15	-1.4591381	-1.3402	-1.26795	-1.2307	0.03186469	-1.2324	2.2327	-1.0767619	15	170.177408
1040.2__Current Bias @ 4V	u A	30.8890642	-15	2.53858747	3.4449	3.75279	4.0609	0.20236709	-0.0222	-1.077	4.96699253	15	18.5260855
1040.3__Ilimit Threshold	V	12.993869	0.9	1.02048197	1.0357	1.0424	1.0467	0.003653	-0.7768	-0.5387	1.06431803	1.1	5.25594703
1040.4__SD Threshold	V	13.1421487	1.25	1.38183568	1.3995	1.4055	1.4115	0.00394405	-0.1902	-1.2906	1.42916432	1.55	12.212479
1040.5__V(EAOUT) @ SD	V	187.89563	0	0.71903411	0.7246	0.72677	0.729	0.00128932	0.1746	-0.1069	0.73450589	1	70.6395739
1045.1__Collector Leakage	u A	33.6596982	10	123.498976	128.0926	130.66891	131.9683	1.19498903	-1.1846	1.1039	137.838844	500	103.022171
1045.2__VOL(OUTA) @ 20mA	V	6.02985997	0.01	0.07291539	0.0951	0.10414	0.1105	0.0052041	-0.3257	-0.7155	0.13536461	0.4	18.9504395
1045.3__VOL(OUTA) @ 200mA	V	12.8335325	0.01	0.30203655	0.3398	0.35595	0.3682	0.00898557	-0.3045	-0.6369	0.40986345	2.2	68.4077917

Units: 10

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1045.4__VOL(OUTB) @ 20mA	V	5.9554335	0.01	0.07235249	0.0934	0.10388	0.1102	0.00525459	-0.7225	0.2399	0.13540751	0.4	18.7848633
1045.5__VOL(OUTB) @ 200mA	V	14.4076562	0.01	0.31048464	0.3446	0.35892	0.3691	0.00807256	-0.3366	-0.8163	0.40735536	2.2	76.0221474
1045.6__VOH(OUTA) @ 20mA	V	64.2383221	13	13.528216	13.5403	13.54519	13.5487	0.002829	-0.5192	-0.8115	13.562164	15	171.416485
1045.7__VOH(OUTA) @ 200mA	V	136.677788	12	13.3760946	13.3918	13.39653	13.401	0.00340589	-0.2117	-1.5007	13.4169654	15	156.930916
1045.8__VOH(OUTB) @ 20mA	V	65.5945736	13	13.5326971	13.5446	13.54945	13.5533	0.00279215	-0.5408	-0.6166	13.5662029	15	173.169913
1045.9__VOH(OUTB) @ 200mA	V	198.378403	12	13.4141972	13.424	13.4286	13.4328	0.00240046	-0.3654	1.0619	13.4430028	15	218.207911
1045.10__Leak(OUTA) @ 0.5V	u A	11.7938099	0	0.31379893	0.3531	0.37788	0.3906	0.01068018	-1.4256	2.8606	0.44196107	10	300.310824
1045.11__Leak(OUTB) @ 0.5V	u A	12.6108325	0	0.31604058	0.3528	0.37561	0.3874	0.00992824	-1.4334	2.4625	0.43517942	10	323.131893
1045.12__Leak(OUTA) @ 0V	u A	33.388427	-12	-0.7572808	-0.3807	-0.04092	-0.0011	0.11939347	-3.1616	9.9968	0.67544079	0	0.11424411
1045.13__Leak(OUTB) @ 0V	u A	1586.19671	-12	-0.0244787	-0.0148	-0.00936	-0.0062	0.00251979	-0.9376	1.609	0.00575873	0	1.23819923
1045.14__OUTA Period	u s	11.4421967	4.5454	5.10165647	5.1903	5.21948	5.2502	0.01963725	0.2485	-0.394	5.33730353	5.5555	5.70378434
1045.15__OUTB Max DC (EAOUT=Hi)	%	12.5097666	85	88.2893831	88.7767	88.91535	89.1525	0.10432782	1.0909	2.6712	89.5413169	95	19.4408038
1045.16__OUTA Max DC (EAOUT=Hi)	%	14.1647007	85	88.2330791	88.6562	88.76463	88.9391	0.08859182	0.742	0.135	89.2961809	95	23.4610439
1045.17__OUTA Max DC (SS@1p8V)	%	11.8312676	85	88.128152	88.6644	88.76452	88.9787	0.10606133	0.8805	0.1492	89.400888	95	19.5970887
1045.18__OUTB Max DC (SS@1p8V)	%	12.7891314	85	88.2999437	88.7938	88.91166	89.1646	0.10195271	1.7981	4.4936	89.5233763	95	19.9057639
1045.21__OUTA Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.22__OUTB Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.23__OUTA Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.24__OUTB Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.25__OUTA Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.26__OUTB Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.27__OUTA Rise Time @ 1nF	n s	13.2287897	1	38.0181624	42.1832	44.6116	45.7545	1.09890627	-1.3985	1.4977	51.2050376	60	4.66779269
1045.28__OUTA Fall Time @ 1nF	n s	18.7815057	1	39.8327311	42.9345	44.46077	45.4989	0.77133982	-0.5302	0.475	49.0888089	60	6.71525464
1045.29__OUTB Rise Time @ 1nF	n s	15.0514364	1	38.1919601	41.8372	43.89125	45.1375	0.94988166	-0.9957	1.3964	49.5905399	60	5.65289717
1045.30__OUTB Fall Time @ 1nF	n s	28.1524785	1	41.1972425	43.3103	44.27131	44.7866	0.51234459	-0.7719	-0.4455	47.3453775	60	10.2331454

Units: 9

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1000.1__INV Cont	V	128.788013	-0.95	-0.5676863	-0.563	-0.5616556	-0.5596	0.00100513	0.9457435	1.336309698	-0.5556248	-0.25	103.355411
1000.2__NI Cont	V	130.779799	-0.95	-0.5668395	-0.5623	-0.5608889	-0.5589	0.00099177	0.849553008	1.141827415	-0.5549383	-0.25	104.489399
1000.3__EAOUT Cont	V	137.077922	-0.95	-0.5288687	-0.5241	-0.5226333	-0.5205	0.00103923	0.952417929	1.55790099	-0.516398	-0.25	87.4471824
1000.4__Clock/LEB Cont	V	132.115368	-0.95	-0.5557161	-0.551	-0.5496556	-0.5476	0.00101009	0.971379976	1.289108852	-0.543595	-0.25	98.8876065
1000.5__RT Cont	V	124.170657	-0.95	-0.5696488	-0.5647	-0.5634222	-0.5612	0.00103776	1.202251091	2.007813936	-0.5571957	-0.25	100.672738
1000.6__CT Cont	V	131.000755	-0.95	-0.5548595	-0.55	-0.5487333	-0.5465	0.00102103	1.234371416	2.457965385	-0.5426072	-0.25	97.5268952
1000.7__Ramp Cont	V	135.358018	-0.95	-0.5644708	-0.5599	-0.5586889	-0.5567	0.00096364	1.148599257	1.403542035	-0.552907	-0.25	106.778251
1000.8__SoftStart Cont	V	136.898511	-0.95	-0.547446	-0.5426	-0.5414778	-0.5393	0.00099471	1.345565934	2.422207677	-0.5355095	-0.25	97.6761398
1000.9__ILIM/SD Cont	V	135.11016	-0.95	-0.5602122	-0.5553	-0.5543556	-0.5522	0.0009761	1.521225132	2.44438821	-0.5484989	-0.25	103.935562
1000.10__OUTA Cont	V	108.84047	-0.95	-0.6096163	-0.6044	-0.6032444	-0.6016	0.00106197	0.68836003	-0.984046134	-0.5968726	-0.25	110.877218
1000.11__VC Cont	V	155.377688	-0.95	-0.5628922	-0.5588	-0.5578444	-0.556	0.0008413	1.435282093	2.412294222	-0.5527967	-0.25	121.97241
1000.12__OUTB Cont	V	126.819205	-0.95	-0.6137981	-0.6094	-0.6084111	-0.6063	0.00089784	1.720926968	4.273243502	-0.6030241	-0.25	133.064669
1000.13__VCC Cont	V	133.743716	-0.95	-0.6097542	-0.6058	-0.6045889	-0.6029	0.00086088	0.719770688	0.879837282	-0.5994236	-0.25	137.297366
1000.14__Vref Cont	V	138.376505	-0.95	-0.5388299	-0.5338	-0.5328	-0.5305	0.00100499	1.562750241	3.374115983	-0.5267701	-0.25	93.7988391
1000.15__NC Cont	V	Infinite	-11	-10.2393	-10.2393	-10.2393	-10.2393	0	#DIV/0!	#DIV/0!	-10.2393	-9	Infinite
1005.1__INV Leak	u A	567.695612	-10	0.09766667	0.123	0.13336667	0.1406	0.00595	-0.712650854	-0.595933672	0.16906667	10	552.752568
1005.2__NI Leak	u A	926.372494	-10	0.12451652	0.1371	0.14642222	0.1492	0.00365095	-2.549231883	6.947721796	0.16832793	10	899.635677
1005.3__EAOUT Leak	u A	217.591604	-10	0.02056347	0.0954	0.11352222	0.1367	0.01549313	0.382720679	-1.343106746	0.20648098	10	212.706761
1005.4__Cock/LEB Leak	u A	672.209553	-10	0.13579779	0.1562	0.16604444	0.1707	0.00504111	-1.027247736	0.091628702	0.1962911	10	650.250833
1005.5__RT Leak	u A	3436.38176	-10	0.00401864	0.0089	0.00984444	0.0116	0.00097097	0.706755123	-0.613702308	0.01567025	10	3429.62256
1005.6__CT Leak	u A	515.20772	-10	0.09875568	0.1215	0.13811111	0.1432	0.00655924	-2.467223559	6.609072452	0.17746654	10	501.170409
1005.7__Ramp Leak	u A	1397.50604	-10	0.1000804	0.1094	0.11455556	0.1175	0.00241253	-1.256578111	1.953003803	0.12903071	10	1365.85026
1005.8__SoftStart Leak	u A	325.845382	-10	0.04805646	0.1004	0.11011111	0.1321	0.01034244	1.360036884	1.444724996	0.17216576	10	318.747696
1005.9__ILIM/SD Leak	u A	328.451259	-10	0.06795214	0.1183	0.12963333	0.1474	0.0102802	0.681792925	-0.969150376	0.19131453	10	320.044592
1005.10__OUTA Leak	u A	1546.64861	-10	-0.0205657	-0.0131	-0.0076444	-0.0063	0.00215355	-2.515741006	6.568011103	0.00527686	10	1549.01508
1005.11__VC Leak	u A	55.6714771	-10	7.96689731	8.5544	8.63641111	8.8786	0.11158563	1.560216461	1.782301751	9.30592491	15	19.0095824
1005.12__OUTB Leak	u A	2028.39549	-10	-0.0165312	-0.0094	-0.0066778	-0.0043	0.00164224	-0.656949939	0.016800093	0.00317565	10	2031.10633
1005.13__VCC Leak	u A	46.2844119	-10	7.82001268	8.5577	8.62481111	8.9707	0.13413307	2.67084868	7.343727751	9.42960955	15	15.8429456
1005.14__Vref Leak	u A	55.3510936	-10	7.87070499	8.4442	8.54063333	8.7919	0.11165472	1.822621133	2.828526223	9.21056168	15	19.2837538
1010.1__VCC_Leak@0.6V	u A	2.53888889	0	0.00107778	0.0036	0.00507778	0.0058	0.00066667	-1.369513393	2.597926339	0.00907778	5	2497.46111
1010.2__ICC @ 8V	m A	36.6343648	0.1	1.15325632	1.197	1.21407778	1.2276	0.01013691	-0.420102936	-0.689791085	1.27489924	2.5	42.2851481
1010.3__IC @ 8V	m A	5.91286061	0.005	0.00880876	0.0104	0.01075556	0.0114	0.00032447	0.993138259	0.390366061	0.01270235	0.1	91.6835838
1010.4__ICC @ 15V	m A	26.2905988	11	26.1538122	27.0534	27.4015222	27.6457	0.20795168	-0.237059055	-1.192336395	28.6492323	30	4.1651949
1010.5__IC @ 15V	m A	5.64349722	0.5	2.18372889	2.9192	3.10796667	3.3733	0.15403963	0.154538048	-0.631886905	4.03220444	6	6.25820195
1010.6__VCC UVLO ON	V	12.0956212	8.8	9.05292705	9.0868	9.10303333	9.1149	0.00835105	-0.967786115	0.983401653	9.15313962	10	35.8025597
1010.7__VCC UVLO OFF	V	24.9542735	7.6	8.19681111	8.2337	8.24881111	8.2617	0.00866667	-0.582482606	0.023948741	8.30081111	9.2	36.584188
1010.8__UVLO Hysteresis	V	74.6718467	0.4	0.84204559	0.8511	0.85421111	0.8571	0.00202759	0.270401423	-0.762600438	0.86637664	1.2	56.8473432
1015.1__Precision 5V	V	Infinite	4.9975	4.9995	4.9995	4.9995	4.9995	0	#DIV/0!	#DIV/0!	4.9995	5.0025	Infinite
1015.2__VREF_15V_1mA	V	1.03520759	5.05	5.0114264	5.0641	5.09138889	5.1043	0.01332708	-1.144231312	0.796595088	5.17135138	5.15	1.46596511
1015.3__VREF_10V_1mA	V	3.53493249	4.95	5.01150944	5.0643	5.09165556	5.1046	0.01335769	-1.146080777	0.801315384	5.17180167	5.25	3.95139406
1015.4__VREF_30V_1mA	V	3.48870335	4.95	5.00955604	5.0623	5.08956667	5.1025	0.0133351	-1.136487921	0.771562712	5.16957729	5.25	4.01030075
1015.5__VREF_30V_10mA	V	3.41010801	4.95	5.00641172	5.0592	5.08642222	5.0994	0.01333508	-1.129373596	0.748500321	5.16643272	5.25	4.08890781
1015.6__VREF_10V_10mA	V	3.433254	4.95	5.00737323	5.0602	5.08743333	5.1004	0.01334335	-1.129495366	0.743420799	5.16749344	5.25	4.06111563
1015.7__VREF_15V_10mA	V	3.44384936	4.95	5.00771737	5.0605	5.08766667	5.1007	0.01332488	-1.124722638	0.730290504	5.16761596	5.25	4.06090711
1015.8__VREF_Line_Reg	m V	56.7210352	-20	1.29801195	1.973	2.07643333	2.4044	0.1297369	2.416945382	6.586325724	2.85485472	20	46.0510645
1015.9__VREF_Load_Reg	m V	97.2731826	-20	3.22782858	3.5899	3.71543333	3.8317	0.08126746	0.229056907	-0.732979023	4.20303809	20	66.7941254

Units: 9

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1015.10__Min Output Variation	V	2.16027204	5	5.00641172	5.0592	5.08642222	5.0994	0.01333508	-1.129373596	0.748500321	5.16643272	5.2	2.83907184
1015.11__Max Output Variation	V	2.2872114	5	5.01150944	5.0643	5.09165556	5.1046	0.01335769	-1.146080777	0.801315384	5.17180167	5.2	2.70367297
1015.12__Short Circuit Current	m A	31.2237825	-100	-50.847222	-48.4682	-47.483333	-46.7882	0.56064814	-0.68108669	-0.733710861	-44.119445	-15	19.3129648
1015.13__Output Noise Voltage	u V	2.51670966	30	39.1415144	64.7681	74.5250778	86.7584	5.89726056	0.660851818	2.482125307	109.908641	150	4.2661007
1020.1__Osc_Freq @ 15V	K Hz	4.20813211	360	372.519702	380.8215	383.859333	386.6183	1.88993856	-0.211538102	-0.848827659	395.198965	440	9.90167405
1020.2__Osc_Freq @ 10V	K Hz	7.7299021	340	372.49384	380.7954	383.835689	386.5965	1.89030807	-0.211425199	-0.844395286	395.177537	460	13.4306699
1020.3__Osc_Freq @ 30V	K Hz	7.63574643	340	372.179792	380.5442	383.599678	386.4107	1.90331437	-0.176829644	-0.836724388	395.019564	460	13.3802247
1020.4__Osc Voltage Stability	%	1.33835263	0.01	-0.0154548	0.0372	0.06148889	0.0724	0.01282395	-1.062226513	-0.269195093	0.13843257	2	50.3877926
1020.5__Ramp Valley	V	21.5939825	0.7	1.01775496	1.0449	1.05018889	1.0585	0.00540566	0.709937329	-0.830334501	1.08262282	1.25	12.3211152
1020.6__Ramp Peak	V	8.6158701	2.6	2.76181585	2.7926	2.81073333	2.8198	0.00815291	-1.274398655	2.865784499	2.85965081	3	7.73820159
1020.7__Ramp Valley to Peak	V	5.25404456	1.6	1.69943862	1.7409	1.76055556	1.775	0.01018616	-0.61749616	0.789795992	1.82167249	2	7.83561663
1020.8__Clock Out Low	V	29.9918254	0.1	2.37297501	2.4688	2.53537778	2.5544	0.02706713	-2.244000458	5.401355449	2.69778055	2.9	4.49034484
1020.9__Clock Out High	V	9.88072275	3.9	4.21186485	4.2628	4.29101111	4.3052	0.01319104	-1.224459766	1.720135593	4.37015737	4.9	15.3889498
1020.10__Osc_Max_Freq @ 15V	K Hz	1.16759367	700	651.258798	756.772	768.367956	818.9385	19.5181929	2.691121502	7.590805571	885.477113	1100	5.66363984
1025.1__Vio	m V	2.96159803	-10	-6.7611163	-1.843	-0.0246556	1.9715	1.12274346	0.402954107	0.423260372	6.71180519	10	2.9762381
1025.2__Ibias neg	u A	82.7601524	-3	0.62228415	0.6909	0.71198889	0.7382	0.01495079	0.36238993	-0.324560238	0.80169363	3	51.0120461
1025.3__Ibias pos	u A	42.0239695	-3	-0.8225728	-0.7418	-0.7137667	-0.6929	0.01813436	-0.158496424	-1.572602819	-0.6049605	3	68.263906
1025.4__Ios	u A	49.1483687	-1	-0.0424092	-0.0113	-0.0017889	0.009	0.00677005	0.500602622	-0.781035791	0.03883143	1	49.3245257
1025.5__CMRR	dB	0.7931086	75	23.4977838	98.3565	108.844678	143.6923	14.2244823	2.175707117	5.312563556	194.191572		
1025.6__AVOL	dB	27.0162557	60	100.998465	103.4419	104.276211	105.2112	0.54629099	0.021753693	-0.296353957	107.553957	120	9.5942695
1025.7__PSRR	dB	2.26108465	85	87.0029224	98.5329	102.346011	105.7533	2.55718144	0.281625199	-1.224360087	117.6891	120	2.30123012
1025.8__GBW @ 100KHz	M Hz	13.6013212	3	12.1151654	13.4931	13.6865667	14.312	0.26190021	2.06174389	4.412243077	15.2579679	20	8.03541844
1025.9__Slew Rate Pos	V/us	3.92748087	4	5.14260543	5.8772	6.3282	6.6326	0.1975991	-1.308558758	4.220857096	7.51379457	24	29.8108652
1025.10__Slew Rate Neg	V/us	17.7154458	4	9.6755249	10.2606	10.3978111	10.6236	0.12038104	0.863082539	-0.033342736	11.1200973	24	37.664263
1025.11__VOL @ 1mA	V	26.3436283	0	0.43252092	0.4592	0.46805556	0.4748	0.00592244	-0.392827947	-1.239259863	0.50359019	1	29.9394945
1025.12__VOH @ -0.5mA	V	20.0092679	4	4.73176766	4.7895	4.81303333	4.8311	0.01354428	-0.558541351	-0.602648089	4.89429901	5	4.60136868
1025.13__IO Source	m A	113.431449	-10	-1.4947871	-1.3719	-1.3421333	-1.3032	0.02544229	0.650685684	-1.22238538	-1.1894796	-0.5	11.0332496
1025.14__IO Sink	m A	19.5773071	1	3.10023942	3.2837	3.33921111	3.3834	0.03982862	-0.364321882	-1.741439264	3.5781828	10	55.7454216
1030.1__RAMP Ibias	u A	36.4612547	-5	-1.3978023	-1.2313	-1.1887444	-1.1387	0.03484297	0.312810994	-1.211444341	-0.9796866	0	11.3723977
1030.2__OUTA Period	u s	8.13943431	4.5454	5.064732	5.1941	5.23391111	5.2785	0.02819652	0.214660754	-0.816301829	5.40309022	5.5555	3.80175656
1030.3__OUTA Max DC	%	7.23232768	85	87.7605773	88.4025	88.8157778	88.9756	0.17586674	-1.837658853	3.974391649	89.8709782	95	11.7214167
1030.4__EAOUT MAX DC Threshold	V	9.88303977	1.1	1.27940541	1.3131	1.32492222	1.3384	0.00758614	0.12421454	0.050211352	1.37043903	1.5	7.69288434
1030.5__EAOUT Zero DC Threshold	V	6.64987354	1.1	1.18938649	1.2172	1.22783333	1.2374	0.00640781	-0.254863207	-0.699734254	1.26628018	1.5	14.158075
1030.6__Delay to Output	n s	15.9029646	40	64.6821179	67.4609	68.2327444	68.9576	0.5917711	-0.254870135	-1.908526418	71.783371	80	6.62826986
1035.1__Charge Current	u A	49.8076981	-20	-7.7556554	-7.3316	-7.2434222	-7.0439	0.0853722	1.76719154	3.862358683	-6.731189	-3	16.5683224
1035.2__Discharge Current	m A	9.91152773	1	4.80398113	5.4034	5.76561111	5.8961	0.16027166	-1.671845203	2.796860731	6.72724109	20	29.6047111
1040.1__Current Bias @ 0V	u A	164.236303	-15	-1.5374511	-1.4075	-1.3714889	-1.3308	0.02766037	0.198676959	-1.687190633	-1.2055267	15	197.29175
1040.2__Current Bias @ 4V	u A	64.6614155	-15	3.41050372	3.834	3.99812222	4.1315	0.09793642	-0.176179714	-0.826182879	4.58574073	15	37.4456476
1040.3__Ilimit Threshold	V	13.8382257	0.9	1.02274134	1.0387	1.04347778	1.0497	0.00345607	0.450840964	-0.12822375	1.06421422	1.1	5.45148719
1040.4__SD Threshold	V	12.8681899	1.25	1.38255182	1.3995	1.40694444	1.4135	0.00406544	-0.24178291	0.524200268	1.43133707	1.55	11.729412
1040.5__V(EAOUT) @ SD	V	224.702794	0	0.72112389	0.726	0.7276	0.7293	0.00107935	0.424841183	-0.70032077	0.73407611	1	84.1245755
1045.1__Collector Leakage	u A	22.0636859	10	119.290982	128.3906	130.185389	134.1876	1.81573453	1.466296688	2.257972944	141.079796	500	67.8907268
1045.2__VOL(OUTA) @ 20mA	V	8.33314907	0.01	0.08250349	0.0975	0.1054	0.1096	0.00381608	-1.189537918	1.145052463	0.12829651	0.4	25.7331836
1045.3__VOL(OUTA) @ 200mA	V	22.6297051	0.01	0.33210594	0.3543	0.36333333	0.3698	0.00520457	-0.585869814	-0.698405581	0.39456073	2.2	117.631769
1045.4__VOL(OUTB) @ 20mA	V	8.16981855	0.01	0.08202057	0.0972	0.10536667	0.1095	0.00389102	-1.317570417	1.424341891	0.12871276	0.4	25.2404845
1045.5__VOL(OUTB) @ 200mA	V	25.9895452	0.01	0.33809157	0.3572	0.36544444	0.3711	0.00455881	-0.736563173	-0.203164098	0.39279732	2.2	134.13985

Units: 9

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1045.6__VOH(OUTA) @ 20mA	V	99.6583017	13	13.5316999	13.5401	13.5425889	13.5447	0.00181483	-0.246305582	-1.818363478	13.5534779	15	267.685386
1045.7__VOH(OUTA) @ 200mA	V	176.313175	12	13.3766603	13.3892	13.3924556	13.3961	0.00263254	0.099921688	-1.483519062	13.4082508	15	203.5478
1045.8__VOH(OUTB) @ 20mA	V	100.834474	13	13.5361941	13.5443	13.5470444	13.5491	0.00180839	-0.419347464	-1.546138109	13.5578948	15	267.817378
1045.9__VOH(OUTB) @ 200mA	V	259.918325	12	13.4114991	13.4201	13.4224444	13.4256	0.00182422	0.200451604	-0.579810018	13.4333898	15	288.261239
1045.10__Leak(OUTA) @ 0.5V	u A	22.6288203	0	0.35997735	0.385	0.39487778	0.4011	0.00581674	-0.485375448	-1.084557822	0.42977821	10	550.430025
1045.11__Leak(OUTB) @ 0.5V	u A	19.5428328	0	0.35260112	0.3821	0.3928	0.4018	0.00669981	-0.287697384	-1.069958901	0.43299888	10	477.983459
1045.12__Leak(OUTA) @ 0V	u A	2.486115	-12	-9.7551516	-4.6241	-0.5192778	-0.0024	1.53931231	-2.999970146	8.999867226	8.71659606	0	0.112448
1045.13__Leak(OUTB) @ 0V	u A	387.778511	-12	-0.0757304	-0.0411	-0.0139111	-0.0078	0.01030321	-2.880036766	8.475824429	0.04790814	0	0.45005756
1045.14__OUTA Period	u s	8.31885334	4.5454	5.06669286	5.1931	5.23168889	5.2742	0.02749934	0.196049524	-0.9145975	5.39668492	5.5555	3.9250776
1045.15__OUTB Max DC (EAOUT=Hi)	%	7.64957476	85	87.7115035	88.3373	88.6714	88.8755	0.15998275	-0.950085417	1.689956477	89.6312965	95	13.186005
1045.16__OUTA Max DC (EAOUT=Hi)	%	7.6518868	85	87.841324	88.4528	88.8467667	89.026	0.16757377	-1.803710817	4.071783047	89.8522093	95	12.2398495
1045.17__OUTA Max DC (SS@1p8V)	%	7.33242343	85	87.8083622	88.472	88.8616778	89.0364	0.17555259	-1.481023665	2.4159726	89.9149933	95	11.6552391
1045.18__OUTB Max DC (SS@1p8V)	%	7.23630785	85	87.6721369	88.3238	88.6927556	88.8577	0.17010312	-1.35513725	1.926403168	89.7133743	95	12.359649
1045.21__OUTA Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.22__OUTB Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.23__OUTA Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.24__OUTB Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.25__OUTA Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.26__OUTB Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.27__OUTA Rise Time @ 1nF	n s	22.2050203	1	40.890939	44.0355	44.8395556	45.9966	0.65810276	0.41560591	-0.474814213	48.7881721	60	7.67886381
1045.28__OUTA Fall Time @ 1nF	n s	19.2136839	1	39.9229909	43.1178	44.4453222	45.6742	0.75372188	-0.182018808	0.152311837	48.9676535	60	6.87905274
1045.29__OUTB Rise Time @ 1nF	n s	19.7503313	1	39.5415591	42.9549	43.8841889	45.475	0.72377164	1.366500431	2.553510783	48.2268187	60	7.42214359
1045.30__OUTB Fall Time @ 1nF	n s	22.9253908	1	40.4430275	43.3201	44.2129	45.4272	0.62831208	0.522215942	0.738849454	47.9827725	60	8.37540263

Units: 10

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1000.1__INV Cont	V	60.6210081	-0.95	-0.5784658	-0.5675	-0.56579	-0.5607	0.00211263	1.8567	3.4109	-0.5531142	-0.25	49.8256374
1000.2__NI Cont	V	62.181867	-0.95	-0.5775282	-0.5669	-0.56515	-0.5602	0.00206303	1.7862	3.3168	-0.5527718	-0.25	50.9201387
1000.3__EAOUT Cont	V	62.7521066	-0.95	-0.5403848	-0.5286	-0.5269	-0.5215	0.00224747	1.854	3.3509	-0.5134152	-0.25	41.0684432
1000.4__Clock/LEB Cont	V	60.7847433	-0.95	-0.5667298	-0.5553	-0.55369	-0.5484	0.0021733	1.8872	3.6713	-0.5406502	-0.25	46.5789879
1000.5__RT Cont	V	62.419588	-0.95	-0.5797654	-0.5691	-0.56751	-0.5626	0.00204257	1.8289	3.3496	-0.5552546	-0.25	51.8153243
1000.6__CT Cont	V	61.0377609	-0.95	-0.5658052	-0.5545	-0.55279	-0.5477	0.0021692	1.7473	2.7748	-0.5397748	-0.25	46.528596
1000.7__Ramp Cont	V	62.1236364	-0.95	-0.5751977	-0.5643	-0.56273	-0.5578	0.00207795	1.7676	3.0212	-0.5502623	-0.25	50.1663564
1000.8__SoftStart Cont	V	63.5297147	-0.95	-0.5581373	-0.547	-0.5454	-0.5403	0.00212289	1.889	3.3823	-0.5326627	-0.25	46.3832865
1000.9__ILIM/SD Cont	V	60.9161088	-0.95	-0.5711506	-0.56	-0.55829	-0.5533	0.00214344	1.6177	2.5249	-0.5454294	-0.25	47.9431905
1000.10__OUTA Cont	V	51.6154954	-0.95	-0.6198388	-0.6087	-0.60653	-0.6023	0.00221813	0.7865	-0.5646	-0.5932212	-0.25	53.5781075
1000.11__VC Cont	V	58.4668394	-0.95	-0.5750117	-0.5636	-0.56173	-0.5567	0.00221362	1.4994	1.9403	-0.5484483	-0.25	46.9412209
1000.12__OUTB Cont	V	44.7715468	-0.95	-0.6266403	-0.6136	-0.61152	-0.6075	0.00252005	0.9912	-1.0705	-0.5963997	-0.25	47.8191018
1000.13__VCC Cont	V	56.3921705	-0.95	-0.6204669	-0.61	-0.60835	-0.6035	0.00201949	1.7923	3.2763	-0.5962331	-0.25	59.1486443
1000.14__Vref Cont	V	61.5626389	-0.95	-0.5500689	-0.5387	-0.53664	-0.5319	0.00223815	1.4603	1.1806	-0.5232111	-0.25	42.689943
1000.15__NC Cont	V	Infinite	-11	-10.2393	-10.2393	-10.2393	-10.2393	0	#DIV/0!	#DIV/0!	-10.2393	-9	Infinite
1005.1__INV Leak	u A	686.980835	-10	0.10758797	0.1243	0.1371	0.1412	0.00491867	-2.2705	5.8859	0.16661203	10	668.398583
1005.2__NI Leak	u A	2212.2359	-10	0.13845591	0.1447	0.14763	0.1499	0.00152902	-0.4159	0.1341	0.15680409	10	2147.86769
1005.3__EAOUT Leak	u A	250.500468	-10	0.03081921	0.0929	0.11155	0.1348	0.01345513	0.8168	-0.1528	0.19228079	10	244.973457
1005.4__Cock/LEB Leak	u A	1509.69089	-10	0.15304167	0.1618	0.16651	0.1702	0.00224472	-0.4893	1.9076	0.17997833	10	1460.2386
1005.5__RT Leak	u A	2452.94815	-10	0.00064936	0.0059	0.00881	0.0104	0.00136011	-1.1347	1.078	0.01697064	10	2448.62986
1005.6__CT Leak	u A	1613.40739	-10	0.1281794	0.1377	0.14075	0.143	0.0020951	-0.3355	-1.7504	0.1533206	10	1568.62035
1005.7__Ramp Leak	u A	2525.39497	-10	0.10744901	0.1124	0.11546	0.1171	0.00133517	-1.2988	2.3727	0.12347099	10	2467.74418
1005.8__SoftStart Leak	u A	334.695416	-10	0.04962662	0.1015	0.11004	0.1347	0.0100689	1.9964	3.9333	0.17045338	10	327.409612
1005.9__ILIM/SD Leak	u A	334.075679	-10	0.06920596	0.12	0.12985	0.1494	0.01010734	1.2159	0.2922	0.19049404	10	325.510947
1005.10__OUTA Leak	u A	4150.76573	-10	-0.011895	-0.0089	-0.00708	-0.0063	0.0008025	-1.5667	2.1635	-0.002265	10	4156.64738
1005.11__VC Leak	u A	92.9754347	-10	8.1973796	8.5413	8.59743	8.7309	0.06667507	1.5187	1.0087	8.9974804	15	32.0088167
1005.12__OUTB Leak	u A	2601.23018	-10	-0.0140837	-0.0097	-0.0064	-0.005	0.00128062	-2.0783	5.7691	0.00128375	10	2604.56188
1005.13__VCC Leak	u A	118.127882	-10	8.26925963	8.5239	8.5839	8.6995	0.05244006	1.2504	1.8644	8.89854037	15	40.7837054
1005.14__Vref Leak	u A	112.445327	-10	8.18151	8.4407	8.51075	8.6038	0.05487333	0.9968	-0.0576	8.83999	15	39.4195719
1010.1__VCC_Leak@0.6V	u A	1.05053662	0	-0.003588	0.0024	0.00397	0.0058	0.00125967	0.3113	-1.6107	0.01152804	5	1322.04345
1010.2__ICC @ 8V	m A	40.5613668	0.1	1.15654204	1.1933	1.21134	1.2271	0.00913299	-0.3497	1.0772	1.26613796	2.5	47.033141
1010.3__IC @ 8V	m A	3.90965204	0.005	0.00784275	0.01	0.01082	0.0118	0.00049621	0.4376	0.9588	0.01379725	0.1	59.9076922
1010.4__ICC @ 15V	m A	22.8874338	11	25.9166232	26.8421	27.34491	27.7238	0.2380478	-0.5289	1.8255	28.7731968	30	3.7178667
1010.5__IC @ 15V	m A	3.13806665	0.5	1.41977623	2.7273	3.03616	3.6122	0.2693973	1.0665	1.0254	4.65254377	6	3.66724791
1010.6__VCC UVLO ON	V	7.83252683	8.8	9.02668774	9.0888	9.10442	9.1329	0.01295538	1.1601	1.7104	9.18215226	10	23.0426857
1010.7__VCC UVLO OFF	V	15.96235	7.6	8.1662054	8.2337	8.24731	8.2778	0.01351743	1.5045	1.9568	8.3284146	9.2	23.4928724
1010.8__UVLO Hysteresis	V	44.3128247	0.4	0.8365076	0.8511	0.85714	0.8632	0.00343873	0.179	0.3764	0.8777724	1.2	33.2351032
1015.1__Precision 5V	V	14.2843571	4.9975	4.99928017	4.9995	4.99957	4.9996	4.8305E-05	-1.0351	-1.2245	4.99985983	5.0025	20.2189209
1015.2__VREF_15V_1mA	V	1.48591694	5.05	5.03581522	5.0737	5.091	5.109	0.00919746	0.1141	1.7657	5.14618478	5.15	2.13827071
1015.3__VREF_10V_1mA	V	5.10158747	4.95	5.03588116	5.0739	5.09126	5.1093	0.00922981	0.1101	1.7511	5.14663884	5.25	5.73287551
1015.4__VREF_30V_1mA	V	5.10146167	4.95	5.03463348	5.072	5.08921	5.1068	0.00909609	0.0638	1.693	5.14378652	5.25	5.89227801
1015.5__VREF_30V_10mA	V	5.00145844	4.95	5.03158586	5.0687	5.08595	5.1033	0.00906069	0.019	1.6456	5.14031414	5.25	6.03522808
1015.6__VREF_10V_10mA	V	5.00353174	4.95	5.03220266	5.0696	5.08694	5.1045	0.00912289	0.0393	1.6834	5.14167734	5.25	5.95790773
1015.7__VREF_15V_10mA	V	5.01676345	4.95	5.03247331	5.0698	5.08715	5.1047	0.00911278	0.0351	1.7087	5.14182669	5.25	5.95683505
1015.8__VREF_Line_Reg	m V	45.0350761	-20	1.06044291	1.8724	2.0392	2.4538	0.16312618	2.1026	5.1228	3.01795709	20	36.7012412

Units: 10

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1015.9__VREF_Load_Reg	m V	43.9729929	-20	2.75402769	3.6618	3.83825	4.2987	0.18070372	2.109	5.1633	4.92247231	20	29.8126128
1015.10__Min Output Variation	V	3.16201069	5	5.03158586	5.0687	5.08595	5.1033	0.00906069	0.019	1.6456	5.14031414	5.2	4.19578033
1015.11__Max Output Variation	V	3.29584364	5	5.03588116	5.0739	5.09126	5.1093	0.00922981	0.1101	1.7511	5.14663884	5.2	3.92713168
1015.12__Short Circuit Current	m A	44.9580581	-100	-50.130019	-48.5146	-47.80822	-47.1777	0.38696645	-0.1002	0.297	-45.486421	-15	28.2610377
1015.13__Output Noise Voltage	u V	1.64621813	30	19.949755	67.5259	76.76581	94.3716	9.4693425	1.0438	0.0809	133.581865	150	2.57793999
1020.1__Osc_Freq @ 15V	K Hz	5.72509588	360	376.219037	383.0859	384.92702	387.7341	1.45133057	0.6081	-0.134	393.635003	440	12.6488481
1020.2__Osc_Freq @ 10V	K Hz	10.3089721	340	376.192236	383.0683	384.90384	387.7158	1.45193395	0.6135	-0.1248	393.615444	460	17.2404903
1020.3__Osc_Freq @ 30V	K Hz	10.1917997	340	375.887869	382.8236	384.64977	387.4941	1.46031684	0.6383	-0.0815	393.411671	460	17.1995164
1020.4__Osc Voltage Stability	%	3.95982207	0.01	0.03772085	0.0572	0.06601	0.0743	0.00471486	-0.2557	0.7985	0.09429915	2	136.73016
1020.5__Ramp Valley	V	26.1391009	0.7	1.02416215	1.0449	1.05102	1.0585	0.00447631	0.818	-0.0539	1.07787785	1.25	14.8172705
1020.6__Ramp Peak	V	16.6037587	2.6	2.78644602	2.8096	2.81198	2.8198	0.00425566	1.5554	0.7877	2.83751398	3	14.7270437
1020.7__Ramp Valley to Peak	V	11.5158419	1.6	1.73300547	1.7511	1.76096	1.7681	0.00465909	-0.7513	1.5049	1.78891453	2	17.1020555
1020.8__Clock Out Low	V	130.37945	0.1	2.51301803	2.5428	2.55061	2.5662	0.00626533	1.7691	4.6813	2.58820197	2.9	18.5885457
1020.9__Clock Out High	V	17.3580557	3.9	4.24396696	4.2808	4.28876	4.3059	0.00746551	1.4709	2.448	4.33355304	4.9	27.2917429
1020.10__Osc_Max_Freq @ 15V	K Hz	4.11776278	700	732.537144	756.0871	763.26499	771.7243	5.12130764	0.1574	-1.0196	793.992836	1100	21.9172546
1025.1__Vio	m V	2.8518637	-10	-7.3317918	-2.8908	-1.06739	0.8793	1.04406696	0.2234	0.6495	5.19701177	10	3.5334228
1025.2__Ibias neg	u A	29.8636647	-3	0.46741561	0.6328	0.7163	0.7544	0.04148073	-1.443	0.8937	0.96518439	3	18.3514924
1025.3__Ibias pos	u A	22.783766	-3	-0.9385784	-0.7807	-0.74021	-0.6615	0.03306141	1.5117	3.3805	-0.5418416	3	37.7097294
1025.4__Ios	u A	7.41191437	-1	-0.287294	-0.1479	-0.02391	0.0004	0.04389734	-3.0723	9.5924	0.23947405	1	7.77503431
1025.5__CMRR	dB	2.45151083	75	80.1192409	96.492	102.79529	108.342	3.77934151	-0.1596	-0.9075	125.471339		
1025.6__AVOL	dB	23.537326	60	100.161373	102.668	103.89084	104.5351	0.62157783	-0.9297	0.2231	107.620307	120	8.63885381
1025.7__PSRR	dB	5.86638996	85	96.7881004	101.111	102.88583	104.0861	1.01628827	-0.7991	-0.1864	108.98356	120	5.61329248
1025.8__GBW @ 100KHz	M Hz	14.6410622	3	12.2001262	13.4606	13.65572	14.1128	0.24259897	1.5675	1.0096	15.1113138	20	8.71710202
1025.9__Slew Rate Pos	V/us	6.60677001	4	5.6618628	6.2353	6.38335	6.6623	0.12024787	1.3532	2.7371	7.1048372	24	48.834269
1025.10__Slew Rate Neg	V/us	15.0061122	4	9.580357	10.2863	10.43847	10.726	0.14301883	1.1586	0.5162	11.296583	24	31.6077952
1025.11__VOL @ 1mA	V	23.2196653	0	0.43069596	0.459	0.47129	0.4786	0.00676567	-0.6976	-0.765	0.51188404	1	26.0486521
1025.12__VOH @ -0.5mA	V	20.9192416	4	4.73459422	4.7901	4.81225	4.8402	0.01294263	0.6383	2.3943	4.88990578	5	4.83544181
1025.13__IO Source	m A	107.373613	-10	-1.524064	-1.427	-1.36319	-1.3392	0.02681233	-1.6499	3.0729	-1.202316	-0.5	10.7312571
1025.14__IO Sink	m A	13.3705749	1	2.96576626	3.2383	3.31153	3.4081	0.05762729	0.4481	-0.9445	3.65729374	10	38.6880938
1030.1__RAMP Ibias	u A	33.2713681	-5	-1.5519072	-1.3699	-1.33138	-1.269	0.03675453	0.7221	-1.1118	-1.1108528	0	12.0745223
1030.2__OUTA Period	u s	9.37571865	4.5454	5.07514448	5.1712	5.21879	5.2507	0.02394092	-0.6289	0.1728	5.36243552	5.5555	4.68806817
1030.3__OUTA Max DC	%	25.9240477	85	88.5885083	88.7981	88.8885	88.9702	0.04999862	-0.2184	0.1588	89.1884917	95	40.7444561
1030.4__EAOUT MAX DC Threshold	V	5.43890612	1.1	1.24688473	1.3131	1.33231	1.3535	0.01423754	0.1424	-1.5604	1.41773527	1.5	3.92600477
1030.5__EAOUT Zero DC Threshold	V	3.33867413	1.1	1.15427793	1.2172	1.23537	1.2576	0.01351535	0.3629	-1.3235	1.31646207	1.5	6.52665535
1030.6__Delay to Output	n s	9.25579115	40	61.9076139	65.4104	67.94627	69.0906	1.00644269	-2.0088	4.9236	73.9849261	80	3.99218956
1035.1__Charge Current	u A	53.7076298	-20	-7.7226555	-7.3951	-7.24778	-7.1208	0.07914592	-0.0713	0.4527	-6.7729045	-3	17.8900768
1035.2__Discharge Current	m A	7.08886141	1	4.44404707	5.6599	5.79761	6.4174	0.22559382	2.7781	8.1841	7.15117293	20	20.9851936
1040.1__Current Bias @ 0V	u A	161.35486	-15	-1.6956576	-1.5911	-1.52868	-1.5004	0.02782959	-1.2187	1.7743	-1.3617024	15	197.974871
1040.2__Current Bias @ 4V	u A	30.550972	-15	2.89562846	3.8057	4.14922	4.6284	0.20893192	1.0331	3.3638	5.40281154	15	17.311508
1040.3__Ilimit Threshold	V	17.8621906	0.9	1.02530127	1.0397	1.0411	1.0477	0.00263312	2.1034	4.4573	1.05689873	1.1	7.45629359
1040.4__SD Threshold	V	19.6061215	1.25	1.38918861	1.4005	1.405	1.4085	0.00263523	-0.0911	-0.7249	1.42081139	1.55	18.3412104
1040.5__V(EAOUT) @ SD	V	141.650066	0	0.72154637	0.7277	0.73188	0.7338	0.00172227	-1.7427	3.7305	0.74221363	1	51.8926816
1045.1__Collector Leakage	u A	17.7467495	10	116.541338	128.142	130.07319	135.8766	2.2553086	2.1577	5.4939	143.605042	500	54.6749729
1045.2__VOL(OUTA) @ 20mA	V	7.39217575	0.01	0.08163866	0.1002	0.10821	0.1138	0.00442856	-1.0514	0.2862	0.13478134	0.4	21.9627631
1045.3__VOL(OUTA) @ 200mA	V	13.0590856	0.01	0.30958163	0.3426	0.36376	0.373	0.00902973	-1.6102	2.8286	0.41793837	2.2	67.7849825

Units: 10

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1045.4__VOL(OUTB) @ 20mA	V	7.35398754	0.01	0.0811585	0.0995	0.10774	0.1127	0.00443025	-1.2337	0.475	0.1343215	0.4	21.9897319
1045.5__VOL(OUTB) @ 200mA	V	13.1583663	0.01	0.31146594	0.3439	0.3655	0.3738	0.00900568	-1.781	3.3813	0.41953406	2.2	67.9016119
1045.6__VOH(OUTA) @ 20mA	V	36.4861258	13	13.5067513	13.5319	13.53614	13.5461	0.00489812	1.5876	1.2199	13.5655287	15	99.6205845
1045.7__VOH(OUTA) @ 200mA	V	94.4304166	12	13.3576924	13.3815	13.38707	13.3959	0.00489627	1.3354	0.7245	13.4164476	15	109.806752
1045.8__VOH(OUTB) @ 20mA	V	36.27202	13	13.5103195	13.5358	13.5401	13.5501	0.00496342	1.5579	1.1155	13.5698805	15	98.0439215
1045.9__VOH(OUTB) @ 200mA	V	122.630433	12	13.3942342	13.4142	13.41735	13.4245	0.00385263	1.4917	0.7947	13.4404658	15	136.932342
1045.10__Leak(OUTA) @ 0.5V	u A	8.72920753	0	0.27382575	0.3445	0.35521	0.3883	0.01356404	1.9796	3.8066	0.43659425	10	237.01859
1045.11__Leak(OUTB) @ 0.5V	u A	8.83782081	0	0.27563832	0.3456	0.35626	0.3887	0.01343695	1.9484	3.5374	0.43688168	10	239.234396
1045.12__Leak(OUTA) @ 0V	u A	1.46757968	-12	-16.05897	-8.0441	-0.81173	-0.0044	2.54120672	-3.1622	9.9998	14.4355103	0	0.10647566
1045.13__Leak(OUTB) @ 0V	u A	477.080905	-12	-0.0639385	-0.0321	-0.01369	-0.0038	0.00837476	-1.2672	1.6531	0.03655854	0	0.54489143
1045.14__OUTA Period	u s	9.35795838	4.5454	5.07314204	5.1675	5.21659	5.2491	0.02390799	-0.7233	0.6378	5.36003796	5.5555	4.72519805
1045.15__OUTB Max DC (EAOUT=Hi)	%	8.91393014	85	87.9365353	88.4844	88.78599	88.953	0.14157579	-1.0632	0.9802	89.6354447	95	14.6305857
1045.16__OUTA Max DC (EAOUT=Hi)	%	24.4903318	85	88.5987441	88.8003	88.91877	88.9947	0.05333765	-0.8812	2.3699	89.2387959	95	38.0046139
1045.17__OUTA Max DC (SS@1p8V)	%	18.8258214	85	88.5262344	88.8112	88.94538	89.0887	0.0698576	0.193	2.5644	89.3645256	95	28.8902957
1045.18__OUTB Max DC (SS@1p8V)	%	9.28377789	85	87.9776018	88.5116	88.7952	88.9771	0.13626636	-0.8331	0.9481	89.6127982	95	15.1781158
1045.21__OUTA Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.22__OUTB Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.23__OUTA Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.24__OUTB Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.25__OUTA Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.26__OUTB Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.27__OUTA Rise Time @ 1nF	n s	20.5834379	1	40.0878857	43.0328	44.29463	45.3772	0.70112405	-0.4399	0.012	48.5013743	60	7.46675762
1045.28__OUTA Fall Time @ 1nF	n s	18.8908102	1	39.8270079	43.2553	44.42442	45.4249	0.76623536	-0.4254	-1.3018	49.0218321	60	6.77580322
1045.29__OUTB Rise Time @ 1nF	n s	17.1602024	1	39.3816459	43.4129	44.44512	46.0199	0.84391235	0.6742	-0.0119	49.5085941	60	6.14395563
1045.30__OUTB Fall Time @ 1nF	n s	24.0131019	1	40.311504	43.0605	43.88315	44.975	0.59527434	0.5144	-0.3322	47.454796	60	9.02488651

Units: 11

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1000.1__INV Cont	V	258.536421	-0.95	-0.5644964	-0.562	-0.5614909	-0.5606	0.00050091	0.6288	-0.9472	-0.5584855	-0.25	207.284068
1000.2__NI Cont	V	253.01055	-0.95	-0.5638856	-0.5614	-0.5608091	-0.5599	0.00051275	0.434	-1.0751	-0.5577326	-0.25	202.055025
1000.3__EAOUT Cont	V	227.021377	-0.95	-0.5262662	-0.5234	-0.5225	-0.5216	0.00062769	-0.0208	-1.5224	-0.5187338	-0.25	144.709533
1000.4__Clock/LEB Cont	V	234.736565	-0.95	-0.5527952	-0.5499	-0.5493818	-0.5485	0.00056889	0.4855	-1.6875	-0.5459685	-0.25	175.418547
1000.5__RT Cont	V	246.314472	-0.95	-0.5663407	-0.5638	-0.5632	-0.5622	0.00052345	0.5778	-0.7621	-0.5600593	-0.25	199.445948
1000.6__CT Cont	V	257.325903	-0.95	-0.5515845	-0.549	-0.5484636	-0.5475	0.00052014	0.5492	-0.9382	-0.5453428	-0.25	191.271406
1000.7__Ramp Cont	V	289.994391	-0.95	-0.5611639	-0.5591	-0.5584636	-0.5577	0.00045005	0.2394	-1.0995	-0.5557633	-0.25	228.465942
1000.8__SoftStart Cont	V	216.889054	-0.95	-0.5448796	-0.5419	-0.5411091	-0.54	0.00062842	0.4042	-1.2478	-0.5373386	-0.25	154.413742
1000.9__ILIM/SD Cont	V	220.227871	-0.95	-0.5577855	-0.555	-0.5541909	-0.5531	0.00059909	0.2553	-0.7034	-0.5505964	-0.25	169.251586
1000.10__OUTA Cont	V	101.85731	-0.95	-0.6096798	-0.6038	-0.6028636	-0.5996	0.00113602	2.7691	8.4537	-0.5960475	-0.25	103.537816
1000.11__VC Cont	V	168.259109	-0.95	-0.562363	-0.5591	-0.5577	-0.5561	0.00077717	0.3124	1.2682	-0.553037	-0.25	131.973815
1000.12__OUTB Cont	V	130.079084	-0.95	-0.6132315	-0.609	-0.6079727	-0.6057	0.00087646	1.8067	4.6354	-0.602714	-0.25	136.143426
1000.13__VCC Cont	V	298.95289	-0.95	-0.6066489	-0.6049	-0.6043364	-0.6036	0.00038542	0.4666	-0.4063	-0.6020239	-0.25	306.453641
1000.14__Vref Cont	V	146.096514	-0.95	-0.538323	-0.5337	-0.5326091	-0.5311	0.00095232	0.501	-1.2693	-0.5268952	-0.25	98.9197467
1000.15__NC Cont	V	Infinite	-11	-10.2393	-10.2393	-10.2393	-10.2393	0	#DIV/0!	#DIV/0!	-10.2393	-9	Infinite
1005.1__INV Leak	u A	821.133652	-10	0.10787512	0.1248	0.13255455	0.1401	0.00411324	-0.3152	0.952	0.15723397	10	799.649435
1005.2__NI Leak	u A	479.406535	-10	0.10143658	0.1269	0.14375455	0.1494	0.00705299	-1.6328	2.3961	0.18607251	10	465.818496
1005.3__EAOUT Leak	u A	251.101383	-10	0.0337856	0.0957	0.11434545	0.1362	0.01342664	0.3112	-1.0922	0.19490531	10	245.423843
1005.4__Cock/LEB Leak	u A	1241.95056	-10	0.14912978	0.16	0.1655	0.1686	0.00272837	-0.918	0.0439	0.18187022	10	1201.51127
1005.5__RT Leak	u A	1336.83846	-10	-0.0062011	0.0053	0.00877273	0.0139	0.00249563	1.0569	0.9236	0.02374652	10	1334.49497
1005.6__CT Leak	u A	554.036337	-10	0.1009321	0.1242	0.13752727	0.1421	0.0060992	-1.7653	1.8467	0.17412244	10	539.004051
1005.7__Ramp Leak	u A	738.021696	-10	0.08536764	0.1033	0.11277273	0.1167	0.00456751	-1.691	1.5851	0.14017781	10	721.561578
1005.8__SoftStart Leak	u A	340.076163	-10	0.05020835	0.0959	0.10966364	0.1335	0.00990922	1.3452	2.8218	0.16911893	10	332.698274
1005.9__ILIM/SD Leak	u A	421.815215	-10	0.08001516	0.1144	0.12803636	0.1403	0.00800353	-0.1068	-0.8254	0.17605756	10	411.150228
1005.10__OUTA Leak	u A	1484.72998	-10	-0.0215868	-0.0144	-0.0081273	-0.0063	0.00224325	-2.5964	7.2013	0.00533224	10	1487.1453
1005.11__VC Leak	u A	80.0704469	-10	8.17699823	8.5718	8.64265455	8.7811	0.07760939	0.6362	-1.235	9.10831086	15	27.3048825
1005.12__OUTB Leak	u A	3268.75242	-10	-0.0126509	-0.0095	-0.0065364	-0.0059	0.00101909	-2.9176	9.0203	-0.0004218	10	3273.02836
1005.13__VCC Leak	u A	29.1860294	-10	7.3893167	8.5744	8.6686	9.2778	0.21321388	2.8199	8.1288	9.9478833	15	9.89835481
1005.14__Vref Leak	u A	45.6213253	-10	7.77387417	8.4774	8.58879091	8.9261	0.13581946	1.7066	3.1396	9.40370765	15	15.7346358
1010.1__VCC_Leak@0.6V	u A	1.14646792	0	-0.0030321	0.0024	0.00407273	0.0058	0.00118414	0.0997	-1.4578	0.01117755	5	1406.34763
1010.2__ICC @ 8V	m A	24.4404099	0.1	1.12107829	1.1845	1.21208182	1.2302	0.01516726	-0.5941	-0.7637	1.30308535	2.5	28.3047954
1010.3__IC @ 8V	m A	5.74772918	0.005	0.00893	0.0105	0.01102727	0.0118	0.00034955	0.9582	1.511	0.01312454	0.1	84.8461922
1010.4__ICC @ 15V	m A	17.6090382	11	25.470903	26.7446	27.3250727	27.6638	0.30902829	-0.5268	-0.7991	29.1792424	30	2.88531006
1010.5__IC @ 15V	m A	2.83608549	0.5	1.24701649	2.619	3.03395455	3.4412	0.29782301	0.0965	-1.5841	4.8208926	6	3.31969589
1010.6__VCC UVLO ON	V	7.91138967	8.8	9.03022588	9.0808	9.10811818	9.1229	0.01298205	-0.7533	0.3878	9.18601049	10	22.9003838
1010.7__VCC UVLO OFF	V	17.7824472	7.6	8.17953258	8.2297	8.25297273	8.2697	0.01224002	-0.507	-0.2252	8.32641287	9.2	25.790453
1010.8__UVLO Hysteresis	V	44.928233	0.4	0.8348584	0.8511	0.85511818	0.8612	0.00337663	0.3355	-0.6759	0.87537797	1.2	34.0459496
1015.1__Precision 5V	V	Infinite	4.9975	4.9996	4.9996	4.9996	4.9996	0	#DIV/0!	#DIV/0!	4.9996	5.0025	Infinite
1015.2__VREF_15V_1mA	V	1.41036703	5.05	5.03534473	5.0721	5.08505455	5.0937	0.00828497	-0.6321	-1.4038	5.13476437	5.15	2.6129829
1015.3__VREF_10V_1mA	V	5.45819336	4.95	5.03571164	5.0724	5.08528182	5.0938	0.0082617	-0.6307	-1.4138	5.134852	5.25	6.6458575
1015.4__VREF_30V_1mA	V	5.39014181	4.95	5.03385649	5.0704	5.08332727	5.0918	0.00824513	-0.636	-1.4082	5.13279806	5.25	6.73822855
1015.5__VREF_30V_10mA	V	5.26240014	4.95	5.03062107	5.0671	5.08004545	5.0885	0.0082374	-0.6341	-1.3981	5.12946984	5.25	6.87735551
1015.6__VREF_10V_10mA	V	5.28046581	4.95	5.03135493	5.068	5.08095455	5.0895	0.0082666	-0.6307	-1.4007	5.13055416	5.25	6.81640137
1015.7__VREF_15V_10mA	V	5.28465639	4.95	5.03154117	5.0682	5.08119091	5.0897	0.00827496	-0.6325	-1.4056	5.13084065	5.25	6.79999893
1015.8__VREF_Line_Reg	m V	70.8899326	-20	1.32743488	1.7632	1.94660909	2.1339	0.1031957	0.0479	0.0017	2.5657833	20	58.3144148

Units: 11

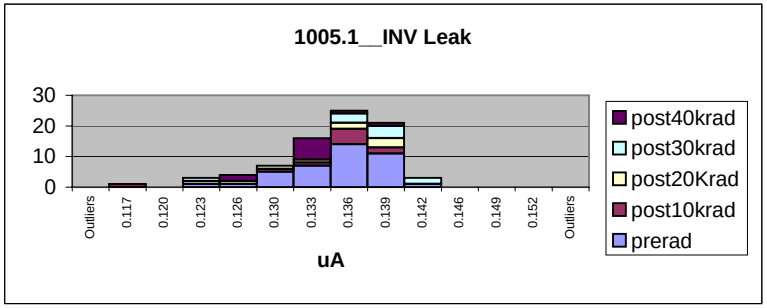
Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1015.9__VREF_Load_Reg	m V	79.2350928	-20	3.2513525	3.7396	3.85344545	3.9937	0.10034883	0.0899	-1.8649	4.45553841	20	53.6347569
1015.10__Min Output Variation	V	3.23910753	5	5.03062107	5.0671	5.08004545	5.0885	0.0082374	-0.6341	-1.3981	5.12946984	5.2	4.8540629
1015.11__Max Output Variation	V	3.44085155	5	5.03571164	5.0724	5.08528182	5.0938	0.0082617	-0.6307	-1.4138	5.134852	5.2	4.62851569
1015.12__Short Circuit Current	m A	50.3637428	-100	-49.372828	-48.1465	-47.279227	-46.9188	0.34893338	-1.719	3.2566	-45.185627	-15	30.836094
1015.13__Output Noise Voltage	u V	4.09318694	30	52.7475371	66.544	74.4823727	80.718	3.62247261	-0.6054	1.91	96.2172084	150	6.94899455
1020.1__Osc_Freq @ 15V	K Hz	5.93377998	360	376.13945	382.1935	384.345018	387.336	1.3675947	0.8038	1.4094	392.550586	440	13.5651744
1020.2__Osc_Freq @ 10V	K Hz	10.8018877	340	376.121027	382.175	384.328591	387.3143	1.3679273	0.7931	1.3793	392.536155	460	18.4394325
1020.3__Osc_Freq @ 30V	K Hz	10.6376471	340	375.789796	381.9089	384.076727	387.0979	1.38115528	0.7984	1.395	392.363659	460	18.323615
1020.4__Osc Voltage Stability	%	3.02809804	0.01	0.02886185	0.0533	0.06555455	0.0728	0.00611545	-1.0786	0.5522	0.10224724	2	105.440346
1020.5__Ramp Valley	V	22.0172719	0.7	1.01750424	1.0381	1.04922727	1.0585	0.00528717	-0.5528	1.3733	1.0809503	1.25	12.6578537
1020.6__Ramp Peak	V	16.0824371	2.6	2.78272234	2.796	2.80867273	2.813	0.00432506	-2.9413	9.5335	2.83462311	3	14.7456204
1020.7__Ramp Valley to Peak	V	7.39138395	1.6	1.71630185	1.7443	1.75944545	1.7715	0.0071906	-0.6593	1.3306	1.80258905	2	11.1513433
1020.8__Clock Out Low	V	125.978393	0.1	2.50972667	2.5405	2.5486	2.5583	0.00647889	0.233	-1.4729	2.58747333	2.9	18.079232
1020.9__Clock Out High	V	17.4959937	3.9	4.24243118	4.2755	4.28662727	4.2967	0.00736602	-0.0038	-1.7224	4.33082336	4.9	27.7568762
1020.10__Osc_Max_Freq @ 15V	K Hz	2.693747	700	714.523218	747.3269	756.392136	773.5067	6.97815303	1.3471	3.3462	798.261055	1100	16.4135057
1025.1__Vio	m V	1.67840972	-10	-11.856334	-4.5414	-0.3116182	2.2805	1.92411934	-1.0575	1.2264	11.2330979	10	1.78637883
1025.2__Ibias neg	u A	19.6007442	-3	0.3373042	0.5791	0.71652727	0.8163	0.06320385	-0.8146	1.4388	1.09575035	3	12.0428996
1025.3__Ibias pos	u A	13.0585644	-3	-1.0672869	-0.8114	-0.7177455	-0.602	0.0582569	0.6253	0.5518	-0.368204	3	21.2721313
1025.4__Ios	u A	33.8627571	-1	-0.0601825	-0.0229	-0.0011909	0.0087	0.00983193	-1.1568	1.1398	0.05780069	1	33.9435082
1025.5__CMRR	dB	1.02229179	75	44.3096986	91.2233	107.089782	128.8596	10.4633472	0.6203	0.5774	169.869865		
1025.6__AVOL	dB	21.3900063	60	99.5437426	102.8357	103.622518	105.0525	0.67979594	0.8805	0.1834	107.701294	120	8.03058728
1025.7__PSRR	dB	3.09095249	85	91.5941023	100.3777	103.682809	107.8192	2.01478446	0.5496	0.8654	115.771516	120	2.69957594
1025.8__GBW @ 100KHz	M Hz	20.0755227	3	12.559556	13.3631	13.6172909	13.8573	0.17628916	-0.2899	-1.6217	14.6750259	20	12.0686362
1025.9__Slew Rate Pos	V/us	8.72510125	4	5.7651478	6.1611	6.29009091	6.4014	0.08749052	-0.3177	-1.4415	6.81503402	24	67.4736314
1025.10__Slew Rate Neg	V/us	19.7150341	4	9.70983238	10.1618	10.3544636	10.545	0.10743854	0.0332	0.1274	10.9990949	24	42.3359438
1025.11__VOL @ 1mA	V	37.5554085	0	0.44681217	0.4655	0.47194545	0.4797	0.00418888	0.7468	0.2344	0.49707874	1	42.0203309
1025.12__VOH @ -0.5mA	V	26.9739208	4	4.74494238	4.7889	4.8046	4.8156	0.00994294	-0.6852	-1.2666	4.86425762	5	6.55071354
1025.13__IO Source	m A	131.93136	-10	-1.4670993	-1.3703	-1.3357545	-1.3068	0.02189079	-0.1467	-1.2472	-1.2044098	-0.5	12.7261207
1025.14__IO Sink	m A	21.1495013	1	3.08840257	3.2368	3.30651818	3.3489	0.0363526	-0.8993	0.0846	3.52463379	10	61.3755416
1030.1__RAMP Ibias	u A	6.97982498	-5	-2.4259146	-1.4861	-1.3921091	-0.885	0.17230093	3.0463	9.637	-0.3583035	0	2.69317395
1030.2__OUTA Period	u s	10.3557805	4.5454	5.09177647	5.1824	5.22255455	5.262	0.02179635	-0.1266	0.4332	5.35333263	5.5555	5.09176239
1030.3__OUTA Max DC	%	18.3498829	85	88.4417432	88.6756	88.8627545	88.9401	0.07016856	-2.0824	5.5104	89.2837659	95	29.1547739
1030.4__EAOUT MAX DC Threshold	V	4.24528372	1.1	1.21854806	1.298	1.32414545	1.3535	0.01759957	-0.0302	-0.5732	1.42974285	1.5	3.33066062
1030.5__EAOUT Zero DC Threshold	V	3.30486352	1.1	1.15097272	1.2121	1.2291	1.2525	0.01302121	0.4902	-0.9928	1.30722728	1.5	6.93483755
1030.6__Delay to Output	n s	12.2758656	40	63.5974388	67.0219	68.1902273	69.2581	0.76546475	-0.174	-1.2008	72.7830158	80	5.14274616
1035.1__Charge Current	u A	70.1074025	-20	-7.5504936	-7.2591	-7.1849091	-7.1005	0.06093076	0.2269	-1.6234	-6.8193246	-3	22.8943445
1035.2__Discharge Current	m A	5.85253528	1	4.12619736	5.2782	5.74912727	6.2666	0.27048832	0.2257	0.5403	7.37205718	20	17.5619078
1040.1__Current Bias @ 0V	u A	28.4937298	-15	-2.5193159	-1.6552	-1.5771545	-1.1124	0.15702689	3.1045	9.9447	-0.6349932	15	35.1896298
1040.2__Current Bias @ 4V	u A	23.0059406	-15	2.40027257	3.4142	4.05697273	4.4659	0.27611669	-1.127	2.3745	5.71367289	15	13.210631
1040.3__Ilimit Threshold	V	47.375408	0.9	1.03362828	1.0377	1.03951818	1.0417	0.00098165	0.4293	2.6433	1.04540808	1.1	20.5374724
1040.4__SD Threshold	V	27.4638627	1.25	1.39198452	1.4005	1.40313636	1.4065	0.00185864	0.0802	-0.4408	1.41428821	1.55	26.338896
1040.5__V(EAOUT) @ SD	V	187.083175	0	0.72089189	0.7256	0.72868182	0.7305	0.00129832	-1.2328	2.6264	0.73647174	1	69.6587533
1045.1__Collector Leakage	u A	19.971715	10	117.864199	126.3853	129.867973	133.8071	2.00062894	0.2042	0.7258	141.871746	500	61.6692781
1045.2__VOL(OUTA) @ 20mA	V	10.4551055	0.01	0.08871649	0.1031	0.10733636	0.1126	0.00310331	0.2426	-0.7109	0.12595624	0.4	31.4356227
1045.3__VOL(OUTA) @ 200mA	V	16.7842089	0.01	0.32187355	0.3496	0.36406364	0.3729	0.00703168	-0.6991	0.2885	0.40625373	2.2	87.0316415

Units: 11

Parameter		Cpk (LL)	Lower Limit	-6 Sigma	Min	Ave	Max	Sigma	Skew	Kurt	+6 Sigma	Upper Limit	Cpk (UL)
1045.4__VOL(OUTB) @ 20mA	V	11.3810714	0.01	0.0902389	0.1032	0.10734545	0.1124	0.00285109	0.102	-0.5742	0.12445201	0.4	34.2154883
1045.5__VOL(OUTB) @ 200mA	V	19.4604345	0.01	0.33041621	0.3546	0.36711818	0.3764	0.006117	-0.6062	0.4042	0.40382016	2.2	99.879195
1045.6__VOH(OUTA) @ 20mA	V	47.093698	13	13.5187557	13.5333	13.5417636	13.548	0.00383465	-0.6508	1.782	13.5647715	15	126.759602
1045.7__VOH(OUTA) @ 200mA	V	86.605946	12	13.3599521	13.3811	13.3921	13.4004	0.00535798	-0.3797	0.8242	13.4242479	15	100.031392
1045.8__VOH(OUTB) @ 20mA	V	50.5961782	13	13.5238585	13.5379	13.5454182	13.5508	0.00359328	-0.4523	0.9122	13.5669778	15	134.935511
1045.9__VOH(OUTB) @ 200mA	V	134.728282	12	13.4008371	13.4151	13.4219455	13.4271	0.00351806	-0.2078	0.1306	13.4430538	15	149.519503
1045.10__Leak(OUTA) @ 0.5V	u A	22.746959	0	0.34096723	0.3649	0.37383636	0.3856	0.00547819	0.4518	1.5583	0.40670549	10	585.726726
1045.11__Leak(OUTB) @ 0.5V	u A	22.6283272	0	0.33806836	0.3641	0.37084545	0.3808	0.00546285	0.5238	-0.7422	0.40362255	10	587.553811
1045.12__Leak(OUTA) @ 0V	u A	4017.69613	-12	-0.0121977	-0.0084	-0.0062273	-0.0051	0.00099508	-1.0884	0.9347	-0.0002568	0	2.08602331
1045.13__Leak(OUTB) @ 0V	u A	1.96295698	-12	-12.21525	-6.4337	-0.5936091	-0.0068	1.93694021	-3.3166	11	11.0280322	0	0.10215581
1045.14__OUTA Period	u s	10.4663147	4.5454	5.09076029	5.1803	5.21959091	5.2581	0.02147177	-0.1786	0.3923	5.34842153	5.5555	5.21473994
1045.15__OUTB Max DC (EAOUT=Hi)	%	8.09531782	85	87.8996817	88.5676	88.8511273	89.0429	0.15857427	-0.5076	-1.1014	89.8025729	95	12.9253269
1045.16__OUTA Max DC (EAOUT=Hi)	%	19.2053535	85	88.4860774	88.7263	88.8913091	88.9589	0.06753862	-1.5633	3.0031	89.2965408	95	30.149126
1045.17__OUTA Max DC (SS@1p8V)	%	19.6410069	85	88.5205657	88.7558	88.9197	89.0088	0.06652239	-1.5178	3.4049	89.3188343	95	30.4674374
1045.18__OUTB Max DC (SS@1p8V)	%	8.04790139	85	87.8987489	88.6107	88.8573455	89.0548	0.1597661	-0.3872	-1.5562	89.8159421	95	12.8159323
1045.21__OUTA Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.22__OUTB Min DC (VCC@8V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.23__OUTA Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.24__OUTB Min DC (EAOUT=Lo)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.25__OUTA Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.26__OUTB Min DC (VREF@3V)	%	Infinite	-0.1	0	0	0	0	0	#DIV/0!	#DIV/0!	0	0.1	Infinite
1045.27__OUTA Rise Time @ 1nF	n s	25.7915499	1	40.8672233	43.4866	44.2186	45.1463	0.55856279	0.5157	-0.4535	47.5699767	60	9.41786095
1045.28__OUTA Fall Time @ 1nF	n s	19.3208239	1	40.1027494	43.103	44.6178636	45.5984	0.75251904	-0.7503	0.2205	49.1329779	60	6.81361999
1045.29__OUTB Rise Time @ 1nF	n s	18.8977259	1	39.8385733	42.718	44.4354727	45.0992	0.76614991	-1.4535	1.2533	49.0323722	60	6.77175016
1045.30__OUTB Fall Time @ 1nF	n s	19.091942	1	39.3467737	42.5513	43.8338909	44.9855	0.74785287	-0.0944	-0.6397	48.3210081	60	7.20556573

1005.1__INV Leak

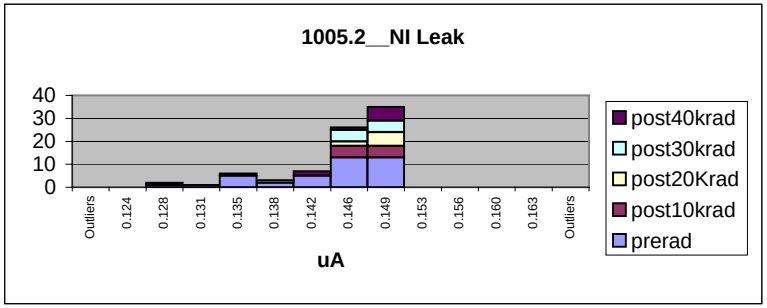
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.117	0	1	0	0	0
0.120	0	0	0	0	0
0.123	1	0	1	1	0
0.126	1	0	1	0	2
0.130	5	1	1	0	0
0.133	7	1	1	0	7
0.136	14	5	2	3	1
0.139	11	2	3	4	1
0.142	1	0	0	2	0
0.146	0	0	0	0	0
0.149	0	0	0	0	0
0.152	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	865.663	-10	0.123	0.135	0.141	3.90E-03	10	842.601
post10krad	527.597	-10	0.117	0.134	0.139	6.40E-03	10	513.605
post20Krad	567.696	-10	0.123	0.133	0.141	5.95E-03	10	552.753
post30krad	686.981	-10	0.124	0.137	0.141	4.92E-03	10	668.399
post40krad	821.134	-10	0.125	0.133	0.140	4.11E-03	10	799.649

1005.2__NI Leak

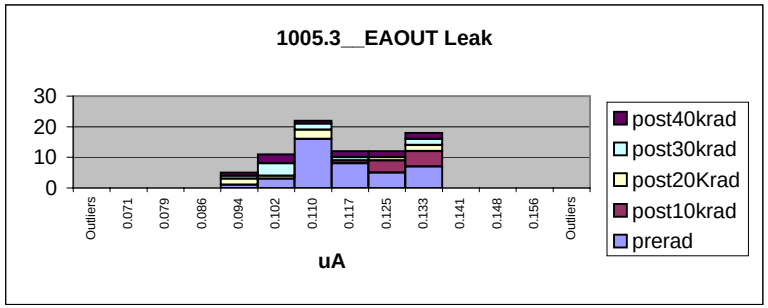
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.124	0	0	0	0	0
0.128	1	0	0	0	1
0.131	1	0	0	0	0
0.135	5	0	0	0	1
0.138	2	0	1	0	0
0.142	5	0	0	0	2
0.146	13	5	2	5	1
0.149	13	5	6	5	6
0.153	0	0	0	0	0
0.156	0	0	0	0	0
0.160	0	0	0	0	0
0.163	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	612.393	-10	0.128	0.144	0.150	5.52E-03	10	595.037
post10krad	2573.645	-10	0.144	0.147	0.149	1.31E-03	10	2499.001
post20Krad	926.372	-10	0.137	0.146	0.149	3.65E-03	10	899.636
post30krad	2212.236	-10	0.145	0.148	0.150	1.53E-03	10	2147.868
post40krad	479.407	-10	0.127	0.144	0.149	7.05E-03	10	465.818

1005.3__EAOUT Leak

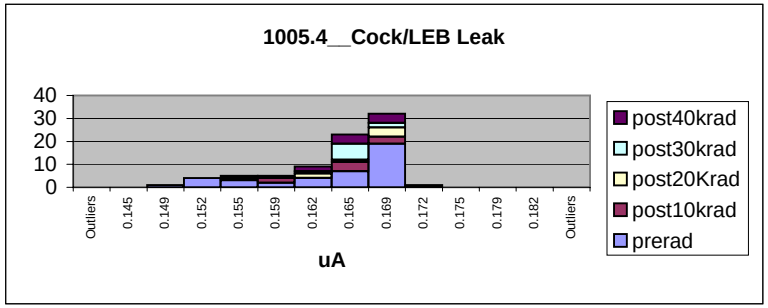
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.071	0	0	0	0	0
0.079	0	0	0	0	0
0.086	0	0	0	0	0
0.094	1	0	2	1	1
0.102	3	0	1	4	3
0.110	16	0	3	2	1
0.117	8	1	0	1	2
0.125	5	4	1	0	2
0.133	7	5	2	2	2
0.141	0	0	0	0	0
0.148	0	0	0	0	0
0.156	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	320.232	-10	0.094	0.116	0.137	0.011	10	312.876
post10krad	672.887	-10	0.121	0.129	0.136	5.02E-03	10	655.684
post20Krad	217.592	-10	0.095	0.114	0.137	0.015	10	212.707
post30krad	250.500	-10	0.093	0.112	0.135	0.013	10	244.973
post40krad	251.101	-10	0.096	0.114	0.136	0.013	10	245.424

1005.4__Cock/LEB Leak

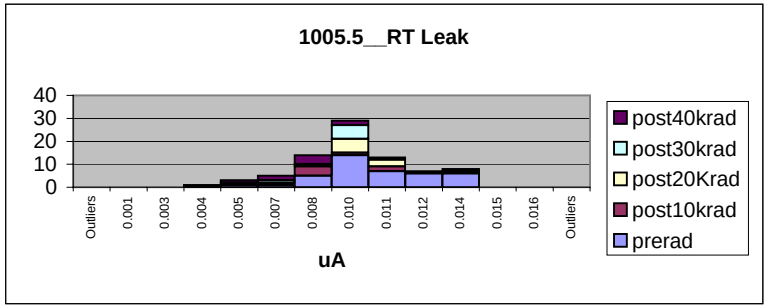
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.145	0	0	0	0	0
0.149	1	0	0	0	0
0.152	4	0	0	0	0
0.155	3	1	1	0	0
0.159	2	2	0	0	1
0.162	4	0	2	1	2
0.165	7	4	1	7	4
0.169	19	3	4	2	4
0.172	0	0	1	0	0
0.175	0	0	0	0	0
0.179	0	0	0	0	0
0.182	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	506.041	-10	0.148	0.164	0.170	6.69E-03	10	489.748
post10krad	683.544	-10	0.156	0.164	0.169	4.96E-03	10	661.449
post20Krad	672.210	-10	0.156	0.166	0.171	5.04E-03	10	650.251
post30krad	1509.691	-10	0.162	0.167	0.170	2.24E-03	10	1460.239
post40krad	1241.951	-10	0.160	0.166	0.169	2.73E-03	10	1201.511

1005.5__RT Leak

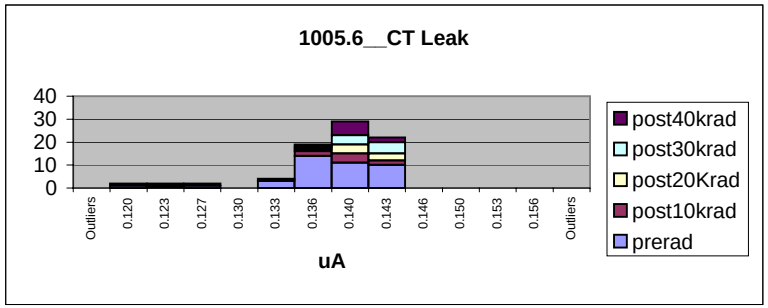
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.001	0	0	0	0	0
0.003	0	0	0	0	0
0.004	0	1	0	0	0
0.005	1	0	0	1	1
0.007	1	1	0	1	2
0.008	5	4	0	1	4
0.010	14	1	6	6	2
0.011	7	2	3	1	0
0.012	6	0	0	0	1
0.014	6	1	0	0	1
0.015	0	0	0	0	0
0.016	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	1693.457	-10	0.005	0.010	0.014	1.97E-03	10	1689.923
post10krad	1219.859	-10	0.004	0.009	0.014	2.73E-03	10	1217.697
post20Krad	3436.382	-10	0.009	0.010	0.012	9.71E-04	10	3429.623
post30krad	2452.948	-10	0.006	0.009	0.010	1.36E-03	10	2448.630
post40krad	1336.838	-10	0.005	0.009	0.014	2.50E-03	10	1334.495

1005.6__CT Leak

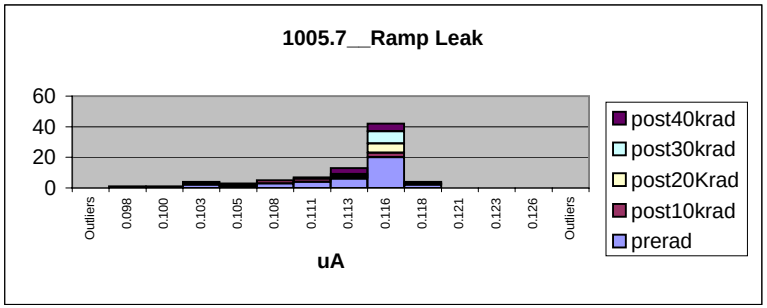
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.120	1	0	1	0	0
0.123	0	1	0	0	1
0.127	1	0	0	0	1
0.130	0	0	0	0	0
0.133	3	1	0	0	0
0.136	14	2	1	1	1
0.140	11	4	4	4	6
0.143	10	2	3	5	2
0.146	0	0	0	0	0
0.150	0	0	0	0	0
0.153	0	0	0	0	0
0.156	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	766.354	-10	0.120	0.138	0.143	4.41E-03	10	745.481
post10krad	647.279	-10	0.124	0.137	0.142	5.22E-03	10	629.742
post20Krad	515.208	-10	0.122	0.138	0.143	6.56E-03	10	501.170
post30krad	1613.407	-10	0.138	0.141	0.143	2.10E-03	10	1568.620
post40krad	554.036	-10	0.124	0.138	0.142	6.10E-03	10	539.004

1005.7__Ramp Leak

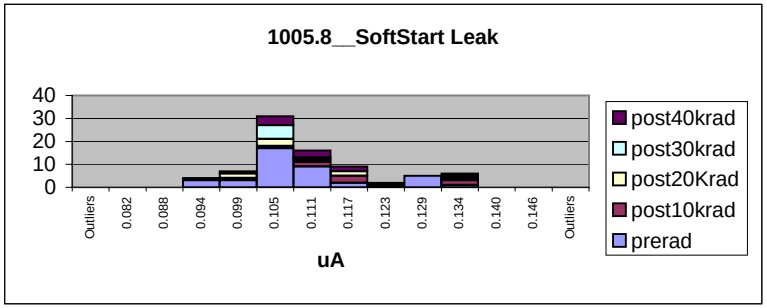
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.098	1	0	0	0	0
0.100	1	0	0	0	0
0.103	2	1	0	0	1
0.105	1	1	0	0	1
0.108	3	2	0	0	0
0.111	4	2	1	0	0
0.113	6	1	1	1	4
0.116	20	3	6	8	5
0.118	2	0	1	1	0
0.121	0	0	0	0	0
0.123	0	0	0	0	0
0.126	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	685.158	-10	0.097	0.112	0.117	4.92E-03	10	669.923
post10krad	734.388	-10	0.103	0.110	0.116	4.59E-03	10	718.366
post20Krad	1397.506	-10	0.109	0.115	0.117	2.41E-03	10	1365.850
post30krad	2525.395	-10	0.112	0.115	0.117	1.34E-03	10	2467.744
post40krad	738.022	-10	0.103	0.113	0.117	4.57E-03	10	721.562

1005.8__SoftStart Leak

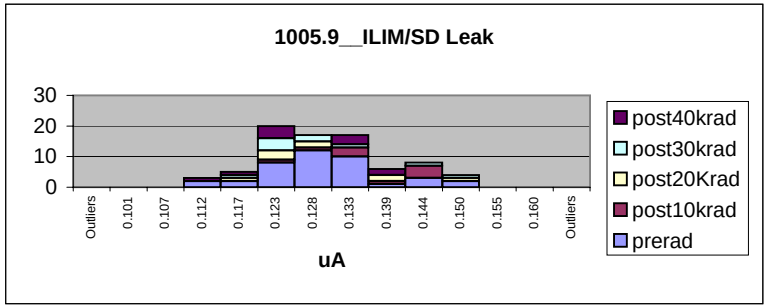
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.082	0	0	0	0	0
0.088	0	0	0	0	0
0.094	3	0	0	0	1
0.099	3	1	2	1	0
0.105	17	1	3	6	4
0.111	9	2	1	1	3
0.117	2	3	2	0	2
0.123	0	1	0	1	0
0.129	5	0	0	0	0
0.134	1	2	1	1	1
0.140	0	0	0	0	0
0.146	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	342.664	-10	0.094	0.110	0.133	9.83E-03	10	335.221
post10krad	318.146	-10	0.101	0.117	0.134	0.011	10	310.780
post20Krad	325.845	-10	0.100	0.110	0.132	0.010	10	318.748
post30krad	334.695	-10	0.101	0.110	0.135	0.010	10	327.410
post40krad	340.076	-10	0.096	0.110	0.133	9.91E-03	10	332.698

1005.9__ILIM/SD Leak

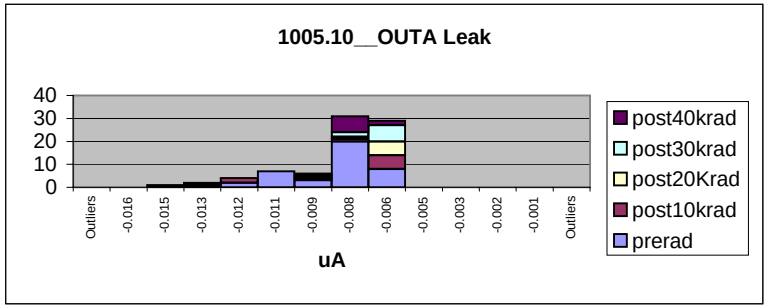
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.101	0	0	0	0	0
0.107	0	0	0	0	0
0.112	2	0	0	0	1
0.117	2	0	1	1	1
0.123	8	1	3	4	4
0.128	12	1	2	2	0
0.133	10	3	0	1	3
0.139	1	1	2	0	2
0.144	3	4	0	1	0
0.150	2	0	1	1	0
0.155	0	0	0	0	0
0.160	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	399.874	-10	0.112	0.129	0.149	8.44E-03	10	389.655
post10krad	393.772	-10	0.123	0.137	0.147	8.58E-03	10	383.119
post20Krad	328.451	-10	0.118	0.130	0.147	0.010	10	320.045
post30krad	334.076	-10	0.120	0.130	0.149	0.010	10	325.511
post40krad	421.815	-10	0.114	0.128	0.140	8.00E-03	10	411.150

1005.10__OUTA Leak

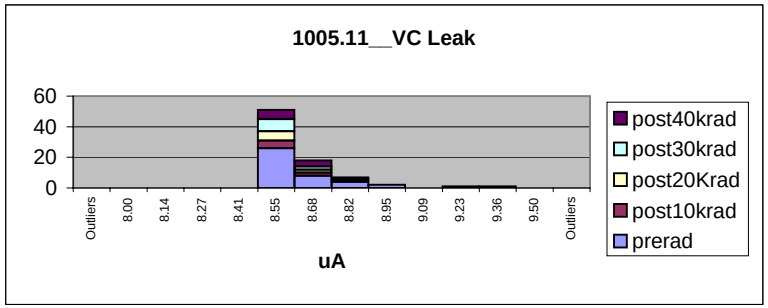
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-0.016	0	0	0	0	0
-0.015	0	0	0	0	1
-0.013	0	1	1	0	0
-0.012	2	2	0	0	0
-0.011	7	0	0	0	0
-0.009	3	0	1	1	1
-0.008	20	1	1	2	7
-0.006	8	6	6	7	2
-0.005	0	0	0	0	0
-0.003	0	0	0	0	0
-0.002	0	0	0	0	0
-0.001	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2080.215	-10	-0.013	-0.008	-0.006	1.60E-03	10	2083.580
post10krad	1160.331	-10	-0.013	-0.008	-0.006	2.87E-03	10	1162.284
post20Krad	1546.649	-10	-0.013	-0.008	-0.006	2.15E-03	10	1549.015
post30krad	4150.766	-10	-0.009	-0.007	-0.006	8.02E-04	10	4156.647
post40krad	1484.730	-10	-0.014	-0.008	-0.006	2.24E-03	10	1487.145

1005.11__VC Leak

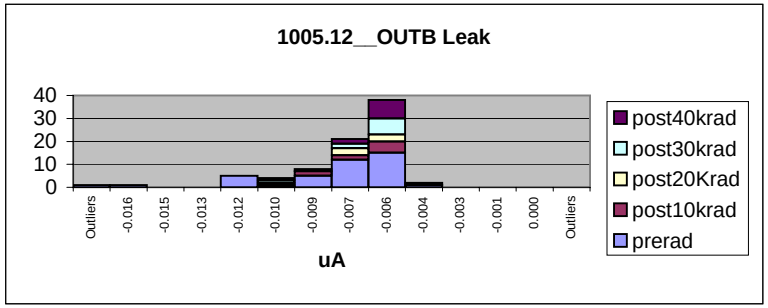
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
8.00	0	0	0	0	0
8.14	0	0	0	0	0
8.27	0	0	0	0	0
8.41	0	0	0	0	0
8.55	26	5	6	8	6
8.68	8	2	2	2	4
8.82	4	1	1	0	1
8.95	2	0	0	0	0
9.09	0	0	0	0	0
9.23	0	1	0	0	0
9.36	0	1	0	0	0
9.50	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	62.663	-10	8.521	8.633	8.935	0.099	15	21.413
post10krad	22.868	-10	8.542	8.750	9.315	0.273	15	7.623
post20Krad	55.671	-10	8.554	8.636	8.879	0.112	15	19.010
post30krad	92.975	-10	8.541	8.597	8.731	0.067	15	32.009
post40krad	80.070	-10	8.572	8.643	8.781	0.078	15	27.305

1005.12__OUTB Leak

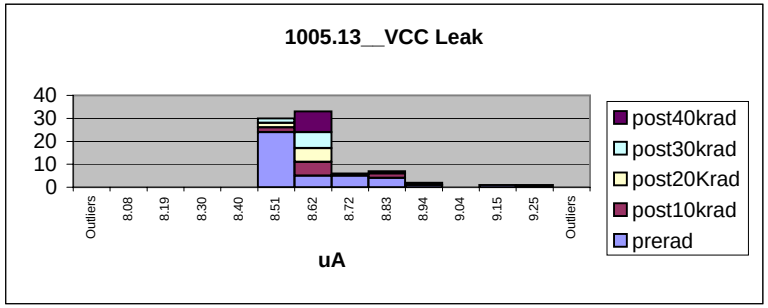
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	1	0	0	0	0
-0.016	1	0	0	0	0
-0.015	0	0	0	0	0
-0.013	0	0	0	0	0
-0.012	5	0	0	0	0
-0.010	0	1	1	1	1
-0.009	5	2	1	0	0
-0.007	12	2	3	2	2
-0.006	15	5	3	7	8
-0.004	1	0	1	0	0
-0.003	0	0	0	0	0
-0.001	0	0	0	0	0
0.000	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	1113.111	-10	-0.018	-0.008	-0.005	2.99E-03	10	1114.870
post10krad	2228.702	-10	-0.010	-0.007	-0.005	1.49E-03	10	2231.851
post20Krad	2028.395	-10	-0.009	-0.007	-0.004	1.64E-03	10	2031.106
post30krad	2601.230	-10	-0.010	-0.006	-0.005	1.28E-03	10	2604.562
post40krad	3268.752	-10	-0.009	-0.007	-0.006	1.02E-03	10	3273.028

1005.13__VCC Leak

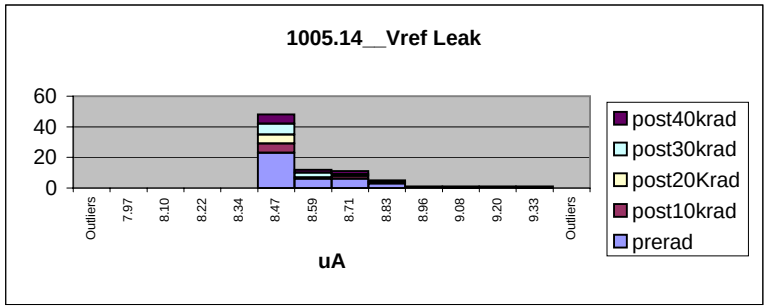
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
8.08	0	0	0	0	0
8.19	0	0	0	0	0
8.30	0	0	0	0	0
8.40	0	0	0	0	0
8.51	24	2	2	2	0
8.62	5	6	6	7	9
8.72	5	0	0	1	0
8.83	4	2	0	0	1
8.94	1	0	1	0	0
9.04	0	0	0	0	0
9.15	1	0	0	0	0
9.25	0	0	0	0	1
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	42.742	-10	8.460	8.609	9.119	0.145	15	14.679
post10krad	50.275	-10	8.525	8.630	8.882	0.124	15	17.191
post20Krad	46.284	-10	8.558	8.625	8.971	0.134	15	15.843
post30krad	118.128	-10	8.524	8.584	8.700	0.052	15	40.784
post40krad	29.186	-10	8.574	8.669	9.278	0.213	15	9.898

1005.14__Vref Leak

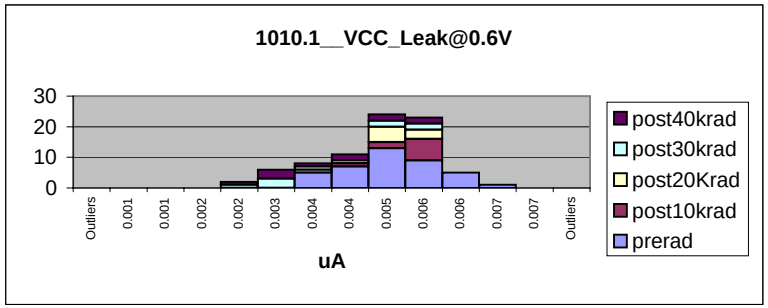
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
7.97	0	0	0	0	0
8.10	0	0	0	0	0
8.22	0	0	0	0	0
8.34	0	0	0	0	0
8.47	23	6	6	7	6
8.59	6	0	1	3	2
8.71	6	2	1	0	2
8.83	3	1	1	0	0
8.96	0	0	0	0	1
9.08	1	0	0	0	0
9.20	0	1	0	0	0
9.33	1	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	31.151	-10	8.415	8.586	9.340	0.199	15	10.751
post10krad	25.253	-10	8.446	8.650	9.245	0.246	15	8.598
post20Krad	55.351	-10	8.444	8.541	8.792	0.112	15	19.284
post30krad	112.445	-10	8.441	8.511	8.604	0.055	15	39.420
post40krad	45.621	-10	8.477	8.589	8.926	0.136	15	15.735

1010.1__VCC_Leak@0.6V

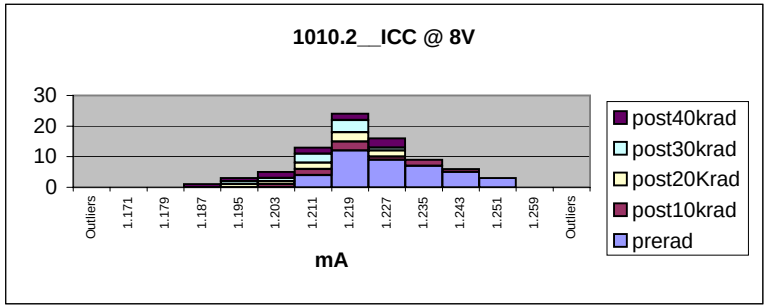
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.001	0	0	0	0	0
0.001	0	0	0	0	0
0.002	0	0	0	0	0
0.002	0	0	0	1	1
0.003	0	0	0	3	3
0.004	5	0	1	1	1
0.004	7	1	0	1	2
0.005	13	2	5	2	2
0.006	9	7	3	2	2
0.006	5	0	0	0	0
0.007	1	0	0	0	0
0.007	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2.032	0	0.004	0.005	0.007	8.17E-04	5	2036.946
post10krad	5.129	0	0.004	0.005	0.006	3.46E-04	5	4815.058
post20Krad	2.539	0	0.004	0.005	0.006	6.67E-04	5	2497.461
post30krad	1.051	0	0.002	0.004	0.006	1.26E-03	5	1322.043
post40krad	1.146	0	0.002	0.004	0.006	1.18E-03	5	1406.348

1010.2__ICC @ 8V

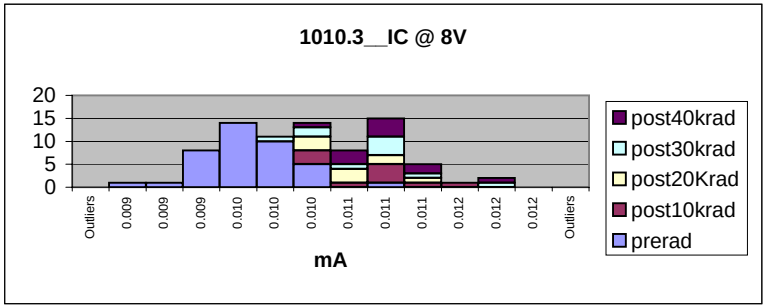
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.171	0	0	0	0	0
1.179	0	0	0	0	0
1.187	0	0	0	0	1
1.195	0	0	1	1	1
1.203	0	1	1	1	2
1.211	4	2	2	3	2
1.219	12	3	3	4	2
1.227	9	1	2	1	3
1.235	7	2	0	0	0
1.243	5	1	0	0	0
1.251	3	0	0	0	0
1.259	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	32.679	0.1	1.211	1.229	1.252	0.012	2.5	36.803
post10krad	30.488	0.1	1.204	1.223	1.240	0.012	2.5	34.692
post20Krad	36.634	0.1	1.197	1.214	1.228	0.010	2.5	42.285
post30krad	40.561	0.1	1.193	1.211	1.227	9.13E-03	2.5	47.033
post40krad	24.440	0.1	1.184	1.212	1.230	0.015	2.5	28.305

1010.3__IC @ 8V

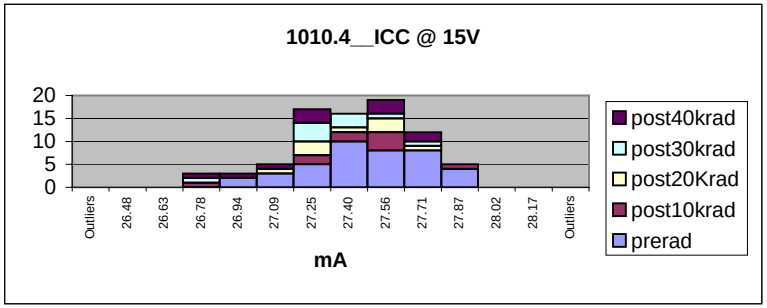
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.009	1	0	0	0	0
0.009	1	0	0	0	0
0.009	8	0	0	0	0
0.010	14	0	0	0	0
0.010	10	0	0	1	0
0.010	5	3	3	2	1
0.011	0	1	3	1	3
0.011	1	4	2	4	4
0.011	0	1	1	1	2
0.012	0	1	0	0	0
0.012	0	0	0	1	1
0.012	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	4.130	0.005	0.009	0.010	0.011	3.94E-04	0.1	76.219
post10krad	4.724	0.005	0.010	0.011	0.012	4.16E-04	0.1	71.337
post20Krad	5.913	0.005	0.010	0.011	0.011	3.24E-04	0.1	91.684
post30krad	3.910	0.005	0.010	0.011	0.012	4.96E-04	0.1	59.908
post40krad	5.748	0.005	0.010	0.011	0.012	3.50E-04	0.1	84.846

1010.4__ICC @ 15V

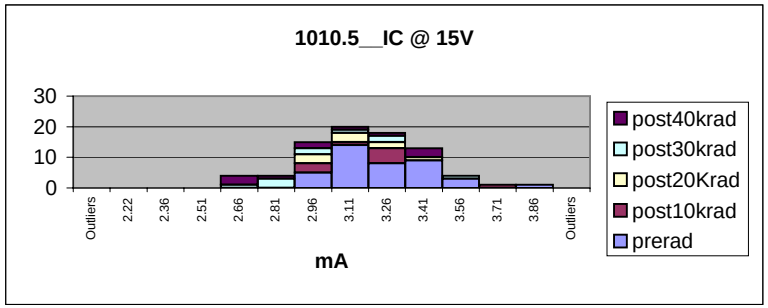
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
26.48	0	0	0	0	0
26.63	0	0	0	0	0
26.78	0	1	0	1	1
26.94	2	0	0	0	1
27.09	3	0	1	0	1
27.25	5	2	3	4	3
27.40	10	2	1	3	0
27.56	8	4	3	1	3
27.71	8	0	1	1	2
27.87	4	1	0	0	0
28.02	0	0	0	0	0
28.17	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	22.215	11	26.926	27.469	27.896	0.247	30	3.414
post10krad	20.837	11	26.856	27.440	27.808	0.263	30	3.245
post20Krad	26.291	11	27.053	27.402	27.646	0.208	30	4.165
post30krad	22.887	11	26.842	27.345	27.724	0.238	30	3.718
post40krad	17.609	11	26.745	27.325	27.664	0.309	30	2.885

1010.5__IC @ 15V

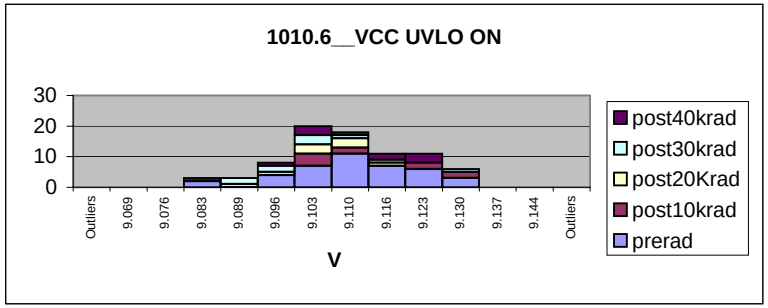
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
2.22	0	0	0	0	0
2.36	0	0	0	0	0
2.51	0	0	0	0	0
2.66	0	0	0	1	3
2.81	0	0	0	3	1
2.96	5	3	3	2	2
3.11	14	1	3	1	1
3.26	8	5	2	2	1
3.41	9	0	1	0	3
3.56	3	0	0	1	0
3.71	0	1	0	0	0
3.86	1	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	4.808	0.5	2.985	3.238	3.922	0.190	6	4.850
post10krad	3.779	0.5	2.950	3.216	3.772	0.240	6	3.875
post20Krad	5.643	0.5	2.919	3.108	3.373	0.154	6	6.258
post30krad	3.138	0.5	2.727	3.036	3.612	0.269	6	3.667
post40krad	2.836	0.5	2.619	3.034	3.441	0.298	6	3.320

1010.6__VCC UVLO ON

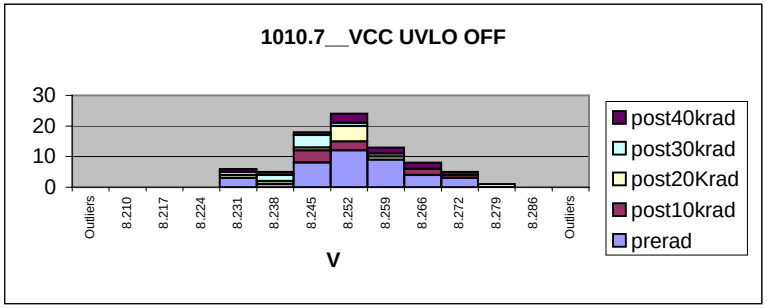
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
9.069	0	0	0	0	0
9.076	0	0	0	0	0
9.083	2	0	0	0	1
9.089	0	0	1	2	0
9.096	4	0	1	2	1
9.103	7	4	3	3	3
9.110	11	2	3	1	1
9.116	7	0	1	1	2
9.123	6	2	0	0	3
9.130	3	2	0	1	0
9.137	0	0	0	0	0
9.144	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	9.247	8.8	9.081	9.111	9.129	0.011	10	26.455
post10krad	9.869	8.8	9.101	9.113	9.127	0.011	10	27.911
post20Krad	12.096	8.8	9.087	9.103	9.115	8.35E-03	10	35.803
post30krad	7.833	8.8	9.089	9.104	9.133	0.013	10	23.043
post40krad	7.911	8.8	9.081	9.108	9.123	0.013	10	22.900

1010.7__VCC UVLO OFF

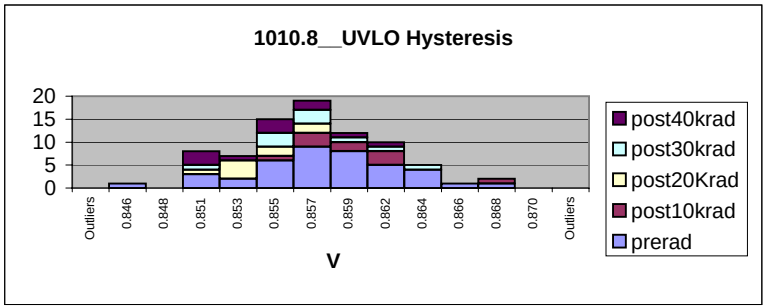
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
8.210	0	0	0	0	0
8.217	0	0	0	0	0
8.224	0	0	0	0	0
8.231	3	0	1	1	1
8.238	1	0	1	2	1
8.245	8	4	1	4	1
8.252	12	3	5	1	3
8.259	9	0	1	1	2
8.266	4	2	0	0	2
8.272	3	1	0	0	1
8.279	0	0	0	1	0
8.286	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	21.220	7.6	8.230	8.253	8.274	0.010	9.2	30.781
post10krad	21.839	7.6	8.242	8.254	8.270	9.98E-03	9.2	31.614
post20Krad	24.954	7.6	8.234	8.249	8.262	8.67E-03	9.2	36.584
post30krad	15.962	7.6	8.234	8.247	8.278	0.014	9.2	23.493
post40krad	17.782	7.6	8.230	8.253	8.270	0.012	9.2	25.790

1010.8__UVLO Hysteresis

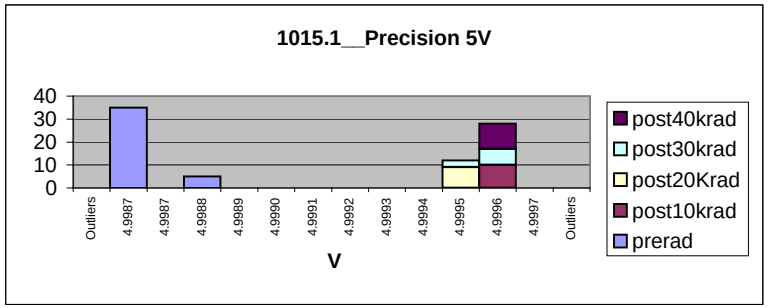
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.846	1	0	0	0	0
0.848	0	0	0	0	0
0.851	3	0	1	1	3
0.853	2	0	4	0	1
0.855	6	1	2	3	3
0.857	9	3	2	3	2
0.859	8	2	0	1	1
0.862	5	3	0	1	1
0.864	4	0	0	1	0
0.866	1	0	0	0	0
0.868	1	1	0	0	0
0.870	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	36.770	0.4	0.847	0.858	0.867	4.15E-03	1.2	27.475
post10krad	39.013	0.4	0.855	0.860	0.869	3.93E-03	1.2	28.876
post20Krad	74.672	0.4	0.851	0.854	0.857	2.03E-03	1.2	56.847
post30krad	44.313	0.4	0.851	0.857	0.863	3.44E-03	1.2	33.235
post40krad	44.928	0.4	0.851	0.855	0.861	3.38E-03	1.2	34.046

1015.1__Precision 5V

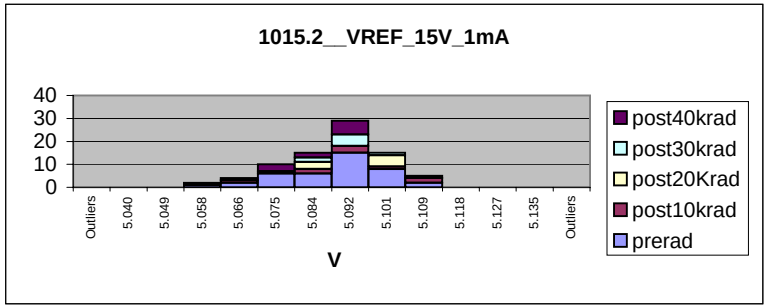
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
4.9987	35	0	0	0	0
4.9987	0	0	0	0	0
4.9988	5	0	0	0	0
4.9989	0	0	0	0	0
4.9990	0	0	0	0	0
4.9991	0	0	0	0	0
4.9992	0	0	0	0	0
4.9993	0	0	0	0	0
4.9994	0	0	0	0	0
4.9995	0	0	9	3	0
4.9996	0	10	0	7	11
4.9997	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	12.067	4.9975	4.999	4.999	4.999	3.35E-05	5.0025	37.694
post10krad	Infinite	4.9975	5.000	5.000	5.000	0.00E+00	5.0025	Infinite
post20Krad	Infinite	4.9975	4.999	4.999	4.999	0.00E+00	5.0025	Infinite
post30krad	14.284	4.9975	4.999	5.000	5.000	4.83E-05	5.0025	20.219
post40krad	Infinite	4.9975	5.000	5.000	5.000	0.00E+00	5.0025	Infinite

1015.2__VREF_15V_1mA

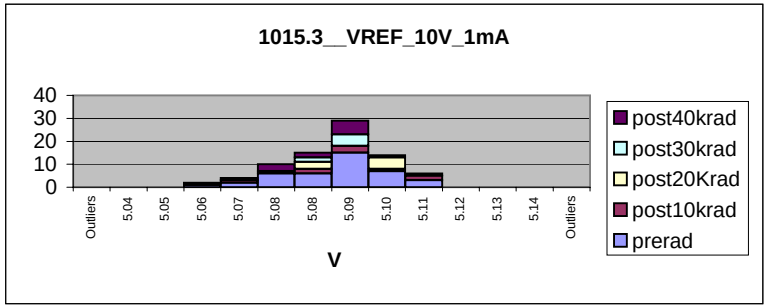
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.040	0	0	0	0	0
5.049	0	0	0	0	0
5.058	1	1	0	0	0
5.066	2	1	1	0	0
5.075	6	0	0	1	3
5.084	6	2	3	2	2
5.092	15	3	0	5	6
5.101	8	1	5	1	0
5.109	2	2	0	1	0
5.118	0	0	0	0	0
5.127	0	0	0	0	0
5.135	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	1.064	5.05	5.059	5.089	5.112	0.012	5.15	1.684
post10krad	0.732	5.05	5.058	5.088	5.109	0.017	5.15	1.200
post20Krad	1.035	5.05	5.064	5.091	5.104	0.013	5.15	1.466
post30krad	1.486	5.05	5.074	5.091	5.109	9.20E-03	5.15	2.138
post40krad	1.410	5.05	5.072	5.085	5.094	8.28E-03	5.15	2.613

1015.3__VREF_10V_1mA

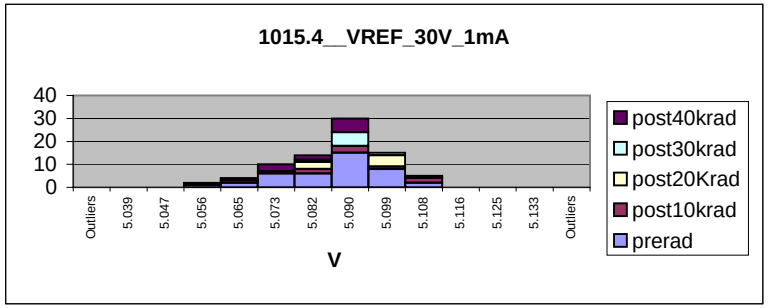
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.04	0	0	0	0	0
5.05	0	0	0	0	0
5.06	1	1	0	0	0
5.07	2	1	1	0	0
5.08	6	0	0	1	3
5.08	6	2	3	2	2
5.09	15	3	0	5	6
5.10	7	1	5	1	0
5.11	3	2	0	1	0
5.12	0	0	0	0	0
5.13	0	0	0	0	0
5.14	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.815	4.95	5.059	5.089	5.113	0.012	5.25	4.417
post10krad	2.669	4.95	5.058	5.088	5.109	0.017	5.25	3.127
post20Krad	3.535	4.95	5.064	5.092	5.105	0.013	5.25	3.951
post30krad	5.102	4.95	5.074	5.091	5.109	9.23E-03	5.25	5.733
post40krad	5.458	4.95	5.072	5.085	5.094	8.26E-03	5.25	6.646

1015.4__VREF_30V_1mA

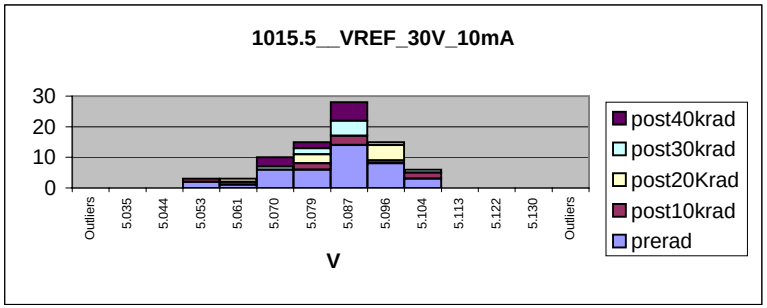
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.039	0	0	0	0	0
5.047	0	0	0	0	0
5.056	1	1	0	0	0
5.065	2	1	1	0	0
5.073	6	0	0	1	3
5.082	6	2	3	1	2
5.090	15	3	0	6	6
5.099	8	1	5	1	0
5.108	2	2	0	1	0
5.116	0	0	0	0	0
5.125	0	0	0	0	0
5.133	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.774	4.95	5.057	5.087	5.110	0.012	5.25	4.498
post10krad	2.635	4.95	5.056	5.086	5.107	0.017	5.25	3.176
post20Krad	3.489	4.95	5.062	5.090	5.102	0.013	5.25	4.010
post30krad	5.101	4.95	5.072	5.089	5.107	9.10E-03	5.25	5.892
post40krad	5.390	4.95	5.070	5.083	5.092	8.25E-03	5.25	6.738

1015.5__VREF_30V_10mA

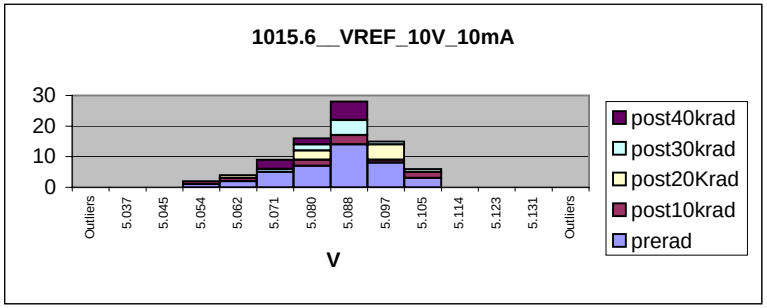
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.035	0	0	0	0	0
5.044	0	0	0	0	0
5.053	2	1	0	0	0
5.061	1	1	1	0	0
5.070	6	0	0	1	3
5.079	6	2	3	2	2
5.087	14	3	0	5	6
5.096	8	1	5	1	0
5.104	3	2	0	1	0
5.113	0	0	0	0	0
5.122	0	0	0	0	0
5.130	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.684	4.95	5.054	5.084	5.107	0.012	5.25	4.579
post10krad	2.573	4.95	5.053	5.083	5.104	0.017	5.25	3.238
post20Krad	3.410	4.95	5.059	5.086	5.099	0.013	5.25	4.089
post30krad	5.001	4.95	5.069	5.086	5.103	9.06E-03	5.25	6.035
post40krad	5.262	4.95	5.067	5.080	5.089	8.24E-03	5.25	6.877

1015.6__VREF_10V_10mA

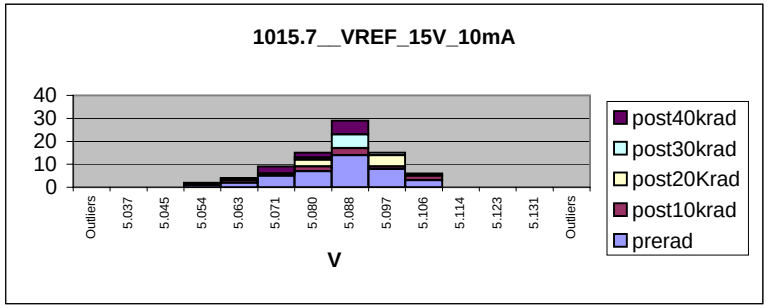
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.037	0	0	0	0	0
5.045	0	0	0	0	0
5.054	1	1	0	0	0
5.062	2	1	1	0	0
5.071	5	0	0	1	3
5.080	7	2	3	2	2
5.088	14	3	0	5	6
5.097	8	1	5	1	0
5.105	3	2	0	1	0
5.114	0	0	0	0	0
5.123	0	0	0	0	0
5.131	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.707	4.95	5.055	5.085	5.108	0.012	5.25	4.540
post10krad	2.594	4.95	5.054	5.084	5.105	0.017	5.25	3.221
post20Krad	3.433	4.95	5.060	5.087	5.100	0.013	5.25	4.061
post30krad	5.004	4.95	5.070	5.087	5.104	9.12E-03	5.25	5.958
post40krad	5.280	4.95	5.068	5.081	5.089	8.27E-03	5.25	6.816

1015.7__VREF_15V_10mA

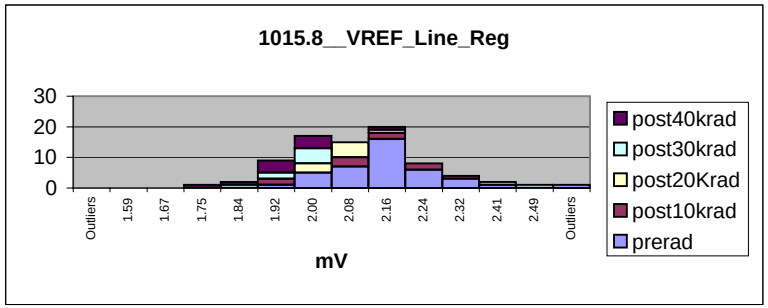
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.037	0	0	0	0	0
5.045	0	0	0	0	0
5.054	1	1	0	0	0
5.063	2	1	1	0	0
5.071	5	0	0	1	3
5.080	7	2	3	1	2
5.088	14	3	0	6	6
5.097	8	1	5	1	0
5.106	3	2	0	1	0
5.114	0	0	0	0	0
5.123	0	0	0	0	0
5.131	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.714	4.95	5.055	5.085	5.108	0.012	5.25	4.537
post10krad	2.594	4.95	5.054	5.084	5.105	0.017	5.25	3.212
post20Krad	3.444	4.95	5.061	5.088	5.101	0.013	5.25	4.061
post30krad	5.017	4.95	5.070	5.087	5.105	9.11E-03	5.25	5.957
post40krad	5.285	4.95	5.068	5.081	5.090	8.27E-03	5.25	6.800

1015.8__VREF_Line_Reg

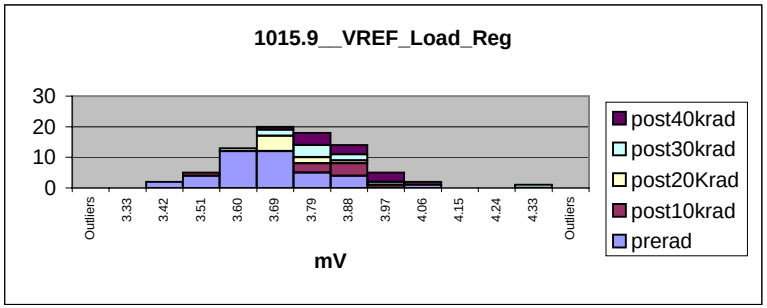
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.59	0	0	0	0	0
1.67	0	0	0	0	0
1.75	0	0	0	0	1
1.84	0	0	0	1	1
1.92	1	2	0	2	4
2.00	5	0	3	5	4
2.08	7	3	5	0	0
2.16	16	2	0	1	1
2.24	6	2	0	0	0
2.32	3	1	0	0	0
2.41	1	0	1	0	0
2.49	0	0	0	1	0
Outliers	1	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	61.077	-20	1.898	2.164	2.562	0.121	20	49.149
post10krad	54.209	-20	1.887	2.119	2.330	0.136	20	43.821
post20Krad	56.721	-20	1.973	2.076	2.404	0.130	20	46.051
post30krad	45.035	-20	1.872	2.039	2.454	0.163	20	36.701
post40krad	70.890	-20	1.763	1.947	2.134	0.103	20	58.314

1015.9__VREF_Load_Reg

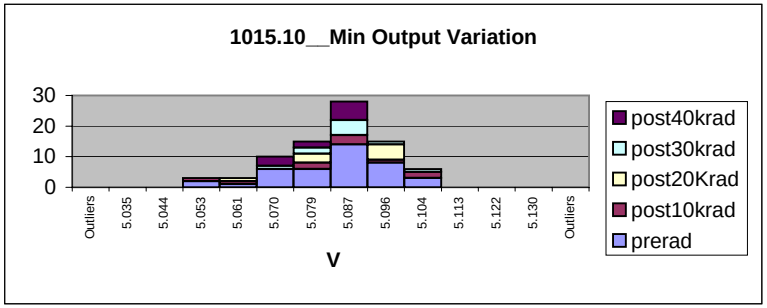
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
3.33	0	0	0	0	0
3.42	2	0	0	0	0
3.51	4	1	0	0	0
3.60	12	0	1	0	0
3.69	12	0	5	2	1
3.79	5	3	2	4	4
3.88	4	4	1	2	3
3.97	0	1	0	1	3
4.06	1	1	0	0	0
4.15	0	0	0	0	0
4.24	0	0	0	0	0
4.33	0	0	0	1	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	60.792	-20	3.398	3.672	4.034	0.130	20	41.930
post10krad	52.377	-20	3.488	3.829	4.033	0.152	20	35.545
post20Krad	97.273	-20	3.590	3.715	3.832	0.081	20	66.794
post30krad	43.973	-20	3.662	3.838	4.299	0.181	20	29.813
post40krad	79.235	-20	3.740	3.853	3.994	0.100	20	53.635

1015.10__Min Output Variation

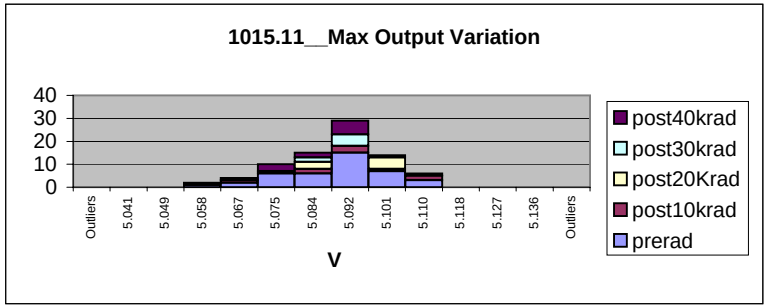
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.035	0	0	0	0	0
5.044	0	0	0	0	0
5.053	2	1	0	0	0
5.061	1	1	1	0	0
5.070	6	0	0	1	3
5.079	6	2	3	2	2
5.087	14	3	0	5	6
5.096	8	1	5	1	0
5.104	3	2	0	1	0
5.113	0	0	0	0	0
5.122	0	0	0	0	0
5.130	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2.307	5	5.054	5.084	5.107	0.012	5.2	3.202
post10krad	1.604	5	5.053	5.083	5.104	0.017	5.2	2.270
post20Krad	2.160	5	5.059	5.086	5.099	0.013	5.2	2.839
post30krad	3.162	5	5.069	5.086	5.103	9.06E-03	5.2	4.196
post40krad	3.239	5	5.067	5.080	5.089	8.24E-03	5.2	4.854

1015.11__Max Output Variation

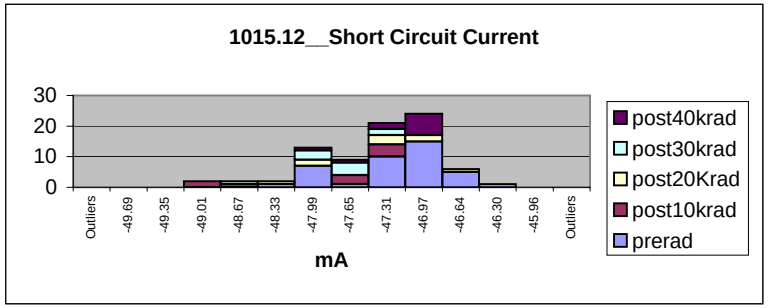
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.041	0	0	0	0	0
5.049	0	0	0	0	0
5.058	1	1	0	0	0
5.067	2	1	1	0	0
5.075	6	0	0	1	3
5.084	6	2	3	2	2
5.092	15	3	0	5	6
5.101	7	1	5	1	0
5.110	3	2	0	1	0
5.118	0	0	0	0	0
5.127	0	0	0	0	0
5.136	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2.443	5	5.059	5.089	5.113	0.012	5.2	3.045
post10krad	1.703	5	5.058	5.088	5.109	0.017	5.2	2.161
post20Krad	2.287	5	5.064	5.092	5.105	0.013	5.2	2.704
post30krad	3.296	5	5.074	5.091	5.109	9.23E-03	5.2	3.927
post40krad	3.441	5	5.072	5.085	5.094	8.26E-03	5.2	4.629

1015.12__Short Circuit Current

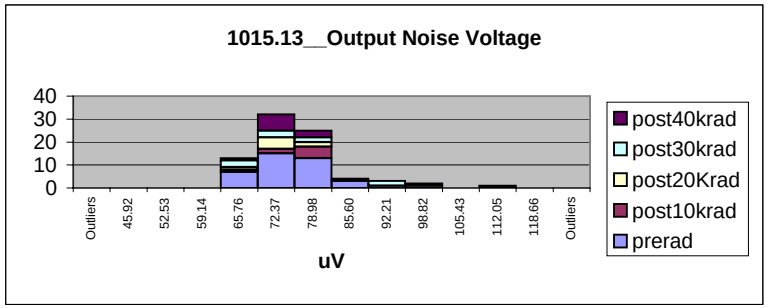
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-49.69	0	0	0	0	0
-49.35	0	0	0	0	0
-49.01	0	2	0	0	0
-48.67	0	1	0	1	0
-48.33	1	0	1	0	0
-47.99	7	0	2	3	1
-47.65	1	3	0	4	1
-47.31	10	4	3	2	2
-46.97	15	0	2	0	7
-46.64	5	0	1	0	0
-46.30	1	0	0	0	0
-45.96	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	36.937	-100	-48.327	-47.215	-46.463	0.476	-15	22.543
post10krad	26.318	-100	-48.983	-47.882	-47.172	0.660	-15	16.605
post20Krad	31.224	-100	-48.468	-47.483	-46.788	0.561	-15	19.313
post30krad	44.958	-100	-48.515	-47.808	-47.178	0.387	-15	28.261
post40krad	50.364	-100	-48.146	-47.279	-46.919	0.349	-15	30.836

1015.13__Output Noise Voltage

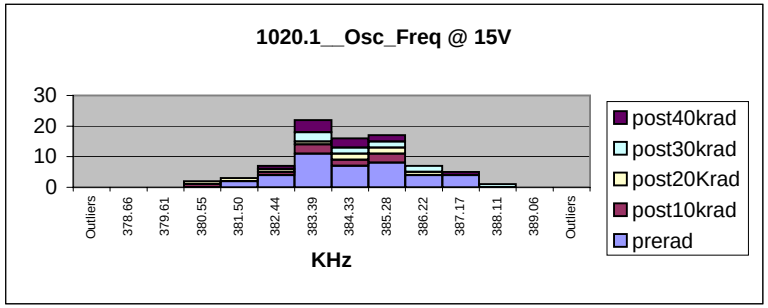
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
45.92	0	0	0	0	0
52.53	0	0	0	0	0
59.14	0	0	0	0	0
65.76	7	1	1	3	1
72.37	15	2	5	3	7
78.98	13	5	2	2	3
85.60	3	0	1	0	0
92.21	1	0	0	2	0
98.82	1	1	0	0	0
105.43	0	0	0	0	0
112.05	0	1	0	0	0
118.66	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2.063	30	67.146	75.638	97.030	7.374	150	3.362
post10krad	1.318	30	66.909	82.289	112.797	13.226	150	1.706
post20Krad	2.517	30	64.768	74.525	86.758	5.897	150	4.266
post30krad	1.646	30	67.526	76.766	94.372	9.469	150	2.578
post40krad	4.093	30	66.544	74.482	80.718	3.622	150	6.949

1020.1__Osc_Freq @ 15V

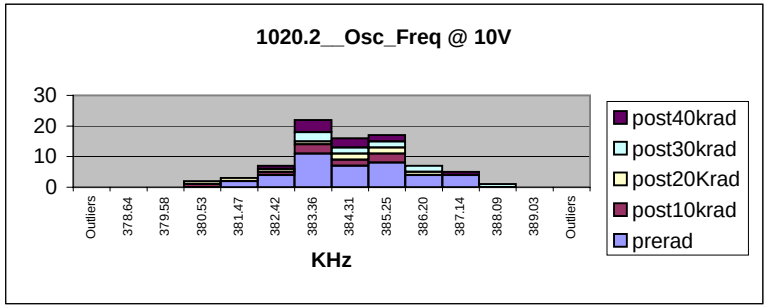
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
378.66	0	0	0	0	0
379.61	0	0	0	0	0
380.55	0	1	1	0	0
381.50	2	0	1	0	0
382.44	4	1	1	0	1
383.39	11	3	1	3	4
384.33	7	2	2	2	3
385.28	8	3	2	2	2
386.22	4	0	1	2	0
387.17	4	0	0	0	1
388.11	0	0	0	1	0
389.06	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	5.419	360	381.394	384.409	387.630	1.501	440	12.342
post10krad	5.566	360	380.808	383.823	385.412	1.427	440	13.125
post20Krad	4.208	360	380.822	383.859	386.618	1.890	440	9.902
post30krad	5.725	360	383.086	384.927	387.734	1.451	440	12.649
post40krad	5.934	360	382.194	384.345	387.336	1.368	440	13.565

1020.2__Osc_Freq @ 10V

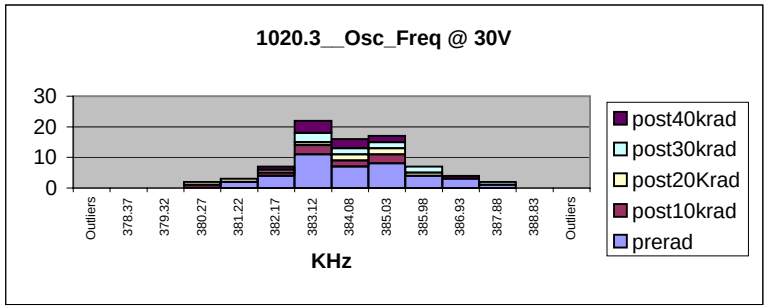
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
378.64	0	0	0	0	0
379.58	0	0	0	0	0
380.53	0	1	1	0	0
381.47	2	0	1	0	0
382.42	4	1	1	0	1
383.36	11	3	1	3	4
384.31	7	2	2	2	3
385.25	8	3	2	2	2
386.20	4	0	1	2	0
387.14	4	0	0	0	1
388.09	0	0	0	1	0
389.03	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	9.859	340	381.375	384.386	387.596	1.501	460	16.796
post10krad	10.235	340	380.788	383.800	385.392	1.426	460	17.806
post20Krad	7.730	340	380.795	383.836	386.596	1.890	460	13.431
post30krad	10.309	340	383.068	384.904	387.716	1.452	460	17.240
post40krad	10.802	340	382.175	384.329	387.314	1.368	460	18.439

1020.3__Osc_Freq @ 30V

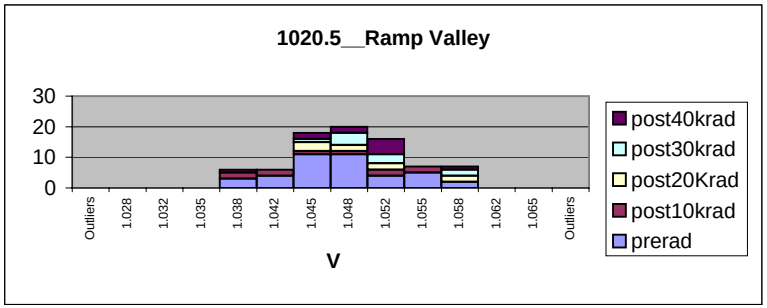
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
378.37	0	0	0	0	0
379.32	0	0	0	0	0
380.27	0	1	1	0	0
381.22	2	0	1	0	0
382.17	4	1	1	0	1
383.12	11	3	1	3	4
384.08	7	2	2	2	3
385.03	8	3	2	2	2
385.98	4	0	1	2	0
386.93	3	0	0	0	1
387.88	1	0	0	1	0
388.83	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	9.667	340	381.007	384.128	387.441	1.522	460	16.620
post10krad	10.018	340	380.463	383.536	385.147	1.449	460	17.595
post20Krad	7.636	340	380.544	383.600	386.411	1.903	460	13.380
post30krad	10.192	340	382.824	384.650	387.494	1.460	460	17.200
post40krad	10.638	340	381.909	384.077	387.098	1.381	460	18.324

1020.5__Ramp Valley

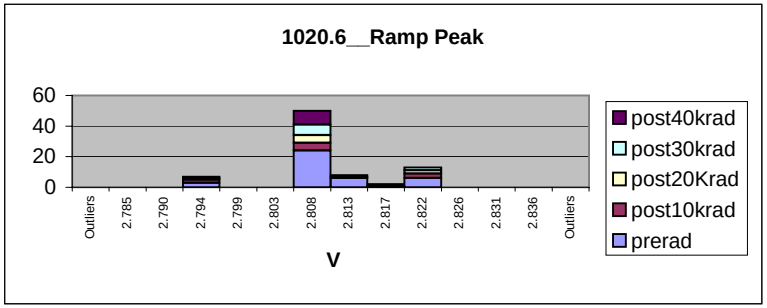
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.028	0	0	0	0	0
1.032	0	0	0	0	0
1.035	0	0	0	0	0
1.038	3	2	0	0	1
1.042	4	2	0	0	0
1.045	11	1	3	1	2
1.048	11	1	2	4	2
1.052	4	2	2	3	5
1.055	5	2	0	0	0
1.058	2	0	2	2	1
1.062	0	0	0	0	0
1.065	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	21.905	0.7	1.038	1.048	1.059	5.29E-03	1.25	12.753
post10krad	17.356	0.7	1.038	1.047	1.055	6.66E-03	1.25	10.185
post20Krad	21.594	0.7	1.045	1.050	1.059	5.41E-03	1.25	12.321
post30krad	26.139	0.7	1.045	1.051	1.059	4.48E-03	1.25	14.817
post40krad	22.017	0.7	1.038	1.049	1.059	5.29E-03	1.25	12.658

1020.6__Ramp Peak

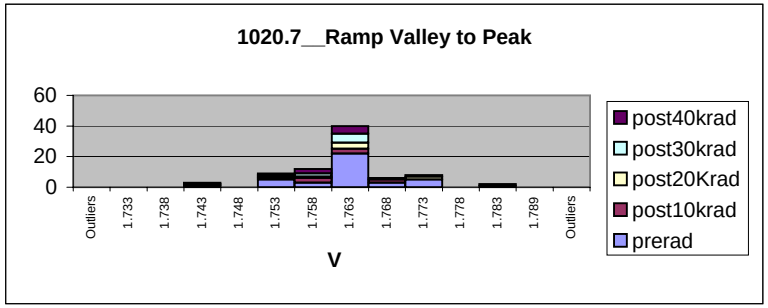
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
2.785	0	0	0	0	0
2.790	0	0	0	0	0
2.794	3	2	1	0	1
2.799	0	0	0	0	0
2.803	0	0	0	0	0
2.808	24	5	5	7	9
2.813	6	0	0	1	1
2.817	1	0	1	0	0
2.822	6	3	2	2	0
2.826	0	0	0	0	0
2.831	0	0	0	0	0
2.836	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	11.632	2.6	2.793	2.811	2.823	6.04E-03	3	10.441
post10krad	7.636	2.6	2.796	2.810	2.823	9.18E-03	3	6.889
post20Krad	8.616	2.6	2.793	2.811	2.820	8.15E-03	3	7.738
post30krad	16.604	2.6	2.810	2.812	2.820	4.26E-03	3	14.727
post40krad	16.082	2.6	2.796	2.809	2.813	4.33E-03	3	14.746

1020.7__Ramp Valley to Peak

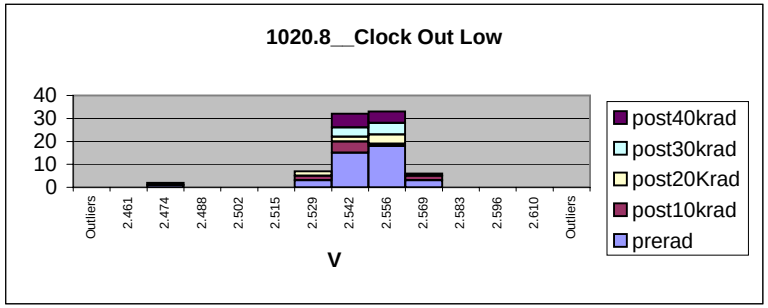
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.733	0	0	0	0	0
1.738	0	0	0	0	0
1.743	1	0	1	0	1
1.748	0	0	0	0	0
1.753	5	1	1	1	1
1.758	3	3	1	2	3
1.763	22	3	4	6	5
1.768	3	2	0	1	0
1.773	5	0	2	0	1
1.778	0	0	0	0	0
1.783	1	1	0	0	0
1.789	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	8.039	1.6	1.744	1.763	1.782	6.77E-03	2	11.668
post10krad	6.919	1.6	1.755	1.764	1.782	7.89E-03	2	9.989
post20Krad	5.254	1.6	1.741	1.761	1.775	0.010	2	7.836
post30krad	11.516	1.6	1.751	1.761	1.768	4.66E-03	2	17.102
post40krad	7.391	1.6	1.744	1.759	1.771	7.19E-03	2	11.151

1020.8__Clock Out Low

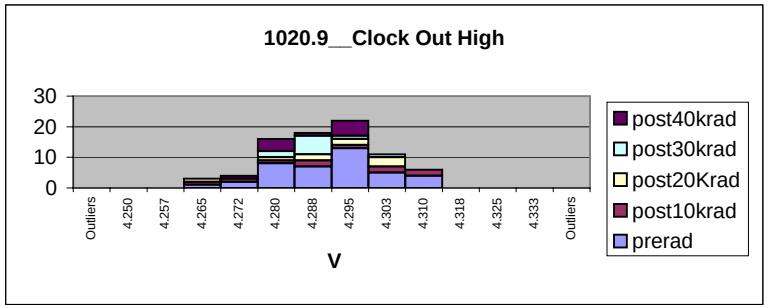
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
2.461	0	0	0	0	0
2.474	1	0	1	0	0
2.488	0	0	0	0	0
2.502	0	0	0	0	0
2.515	0	0	0	0	0
2.529	3	2	2	0	0
2.542	15	5	2	4	6
2.556	18	1	4	5	5
2.569	3	2	0	1	0
2.583	0	0	0	0	0
2.596	0	0	0	0	0
2.610	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	53.187	0.1	2.472	2.548	2.572	0.015	2.9	7.655
post10krad	59.953	0.1	2.527	2.545	2.569	0.014	2.9	8.691
post20Krad	29.992	0.1	2.469	2.535	2.554	0.027	2.9	4.490
post30krad	130.379	0.1	2.543	2.551	2.566	6.27E-03	2.9	18.589
post40krad	125.978	0.1	2.540	2.549	2.558	6.48E-03	2.9	18.079

1020.9__Clock Out High

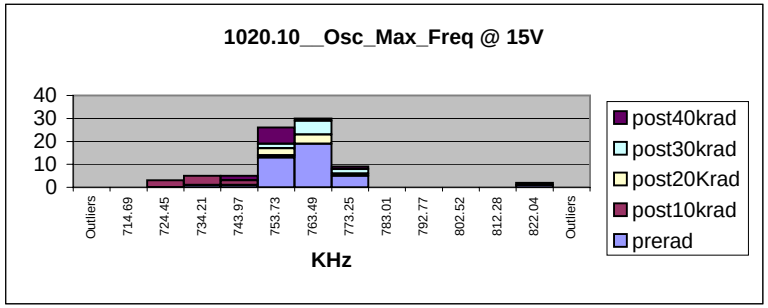
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
4.250	0	0	0	0	0
4.257	0	0	0	0	0
4.265	1	1	1	0	0
4.272	2	1	0	0	1
4.280	8	1	1	2	4
4.288	7	2	2	6	1
4.295	13	1	2	1	5
4.303	5	2	3	1	0
4.310	4	2	0	0	0
4.318	0	0	0	0	0
4.325	0	0	0	0	0
4.333	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	11.734	3.9	4.263	4.292	4.311	0.011	4.9	18.213
post10krad	8.637	3.9	4.267	4.291	4.310	0.015	4.9	13.432
post20Krad	9.881	3.9	4.263	4.291	4.305	0.013	4.9	15.389
post30krad	17.358	3.9	4.281	4.289	4.306	7.47E-03	4.9	27.292
post40krad	17.496	3.9	4.275	4.287	4.297	7.37E-03	4.9	27.757

1020.10__Osc_Max_Freq @ 15V

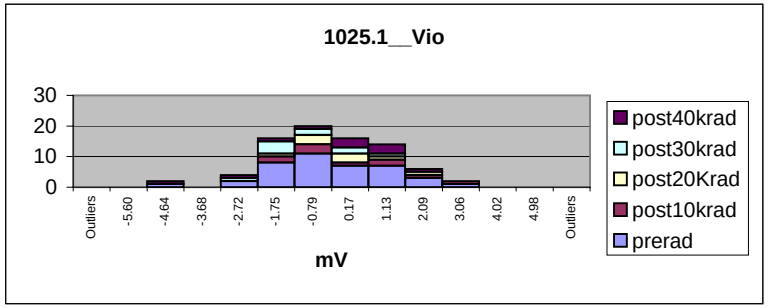
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
714.69	0	0	0	0	0
724.45	0	3	0	0	0
734.21	1	4	0	0	0
743.97	1	2	0	0	2
753.73	13	1	3	2	7
763.49	19	0	4	6	1
773.25	5	0	1	2	1
783.01	0	0	0	0	0
792.77	0	0	0	0	0
802.52	0	0	0	0	0
812.28	0	0	0	0	0
822.04	1	0	1	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	1.649	700	736.502	762.073	825.074	12.549	1100	8.976
post10krad	1.557	700	727.330	735.603	752.042	7.622	1100	15.935
post20Krad	1.168	700	756.772	768.368	818.938	19.518	1100	5.664
post30krad	4.118	700	756.087	763.265	771.724	5.121	1100	21.917
post40krad	2.694	700	747.327	756.392	773.507	6.978	1100	16.414

1025.1__Vio

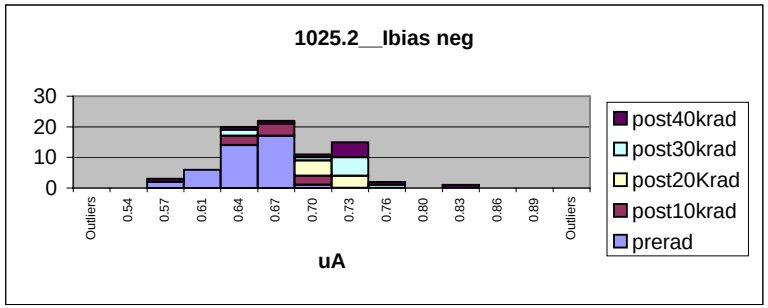
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-5.60	0	0	0	0	0
-4.64	1	0	0	0	1
-3.68	0	0	0	0	0
-2.72	2	0	0	1	1
-1.75	8	2	1	4	1
-0.79	11	3	3	2	1
0.17	7	1	3	2	3
1.13	7	2	1	1	3
2.09	3	1	1	0	1
3.06	1	1	0	0	0
4.02	0	0	0	0	0
4.98	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2.135	-10	-4.595	-0.432	2.983	1.494	10	2.328
post10krad	2.105	-10	-1.692	0.195	3.146	1.615	10	2.024
post20Krad	2.962	-10	-1.843	-0.025	1.972	1.123	10	2.976
post30krad	2.852	-10	-2.891	-1.067	0.879	1.044	10	3.533
post40krad	1.678	-10	-4.541	-0.312	2.280	1.924	10	1.786

1025.2__Ibias neg

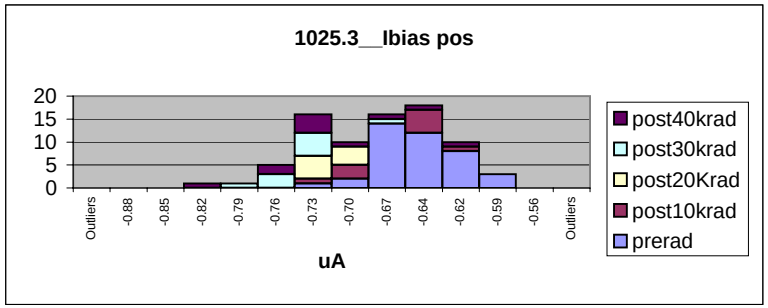
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.54	0	0	0	0	0
0.57	2	0	0	0	1
0.61	6	0	0	0	0
0.64	14	3	0	2	1
0.67	17	4	0	0	1
0.70	1	3	5	1	1
0.73	0	0	4	6	5
0.76	0	0	0	1	1
0.80	0	0	0	0	0
0.83	0	0	0	0	1
0.86	0	0	0	0	0
0.89	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	41.551	-3	0.582	0.645	0.706	0.029	3	26.853
post10krad	41.207	-3	0.632	0.667	0.714	0.030	3	26.219
post20Krad	82.760	-3	0.691	0.712	0.738	0.015	3	51.012
post30krad	29.864	-3	0.633	0.716	0.754	0.041	3	18.351
post40krad	19.601	-3	0.579	0.717	0.816	0.063	3	12.043

1025.3__Ibias pos

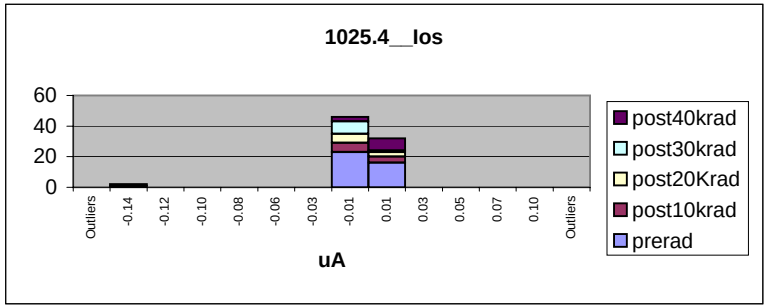
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-0.88	0	0	0	0	0
-0.85	0	0	0	0	0
-0.82	0	0	0	0	1
-0.79	0	0	0	1	0
-0.76	0	0	0	3	2
-0.73	1	1	5	5	4
-0.70	2	3	4	0	1
-0.67	14	0	0	1	1
-0.64	12	5	0	0	1
-0.62	8	1	0	0	1
-0.59	3	0	0	0	0
-0.56	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	24.730	-3	-0.735	-0.651	-0.590	0.032	3	38.441
post10krad	23.088	-3	-0.721	-0.668	-0.618	0.034	3	36.307
post20Krad	42.024	-3	-0.742	-0.714	-0.693	0.018	3	68.264
post30krad	22.784	-3	-0.781	-0.740	-0.661	0.033	3	37.710
post40krad	13.059	-3	-0.811	-0.718	-0.602	0.058	3	21.272

1025.4__Ios

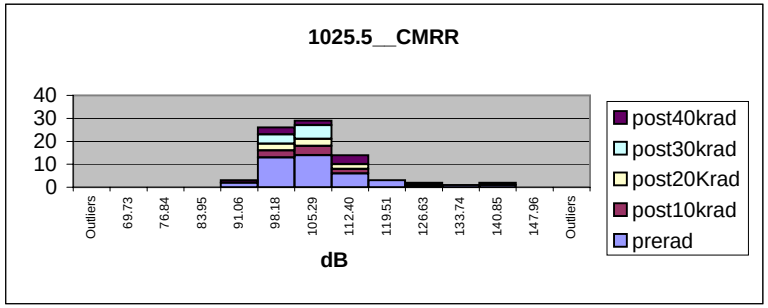
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-0.14	1	0	0	1	0
-0.12	0	0	0	0	0
-0.10	0	0	0	0	0
-0.08	0	0	0	0	0
-0.06	0	0	0	0	0
-0.03	0	0	0	0	0
-0.01	23	6	6	8	3
0.01	16	4	3	1	8
0.03	0	0	0	0	0
0.05	0	0	0	0	0
0.07	0	0	0	0	0
0.10	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	13.442	-1	-0.148	-0.007	0.019	0.025	1	13.618
post10krad	25.780	-1	-0.023	-0.001	0.020	0.013	1	25.824
post20Krad	49.148	-1	-0.011	-0.002	0.009	6.77E-03	1	49.325
post30krad	7.412	-1	-0.148	-0.024	0.000	0.044	1	7.775
post40krad	33.863	-1	-0.023	-0.001	0.009	9.83E-03	1	33.944

1025.5__CMRR

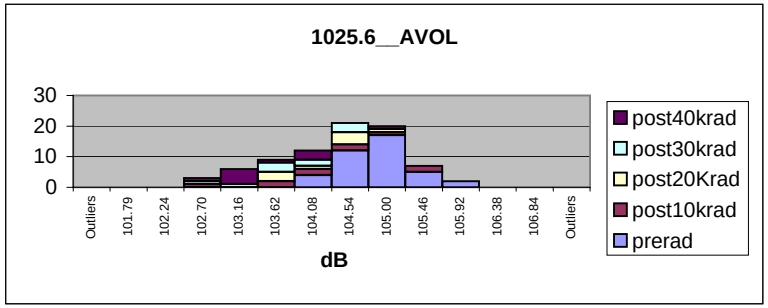
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
69.73	0	0	0	0	0
76.84	0	0	0	0	0
83.95	0	0	0	0	0
91.06	2	0	0	0	1
98.18	13	3	3	4	3
105.29	14	4	3	6	2
112.40	6	2	2	0	4
119.51	3	0	0	0	0
126.63	0	1	0	0	1
133.74	1	0	0	0	0
140.85	1	0	1	0	0
147.96	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	1.077	75	91.165	105.996	137.533	9.593	-	-
post10krad	1.258	75	95.413	106.911	124.515	8.459	-	-
post20Krad	0.793	75	98.356	108.845	143.692	14.224	-	-
post30krad	2.452	75	96.492	102.795	108.342	3.779	-	-
post40krad	1.022	75	91.223	107.090	128.860	10.463	-	-

1025.6__AVOL

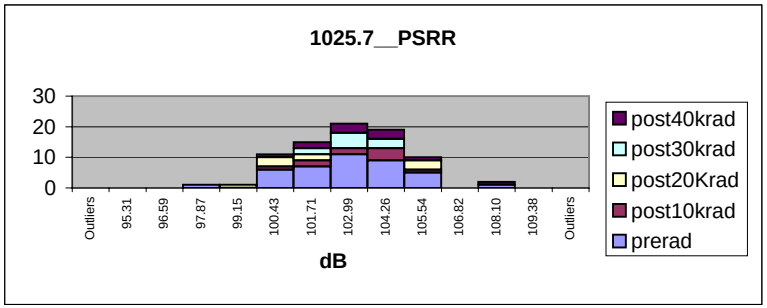
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
101.79	0	0	0	0	0
102.24	0	0	0	0	0
102.70	0	1	0	1	1
103.16	0	0	0	1	5
103.62	0	2	3	3	1
104.08	4	2	1	2	3
104.54	12	2	4	3	0
105.00	17	1	1	0	1
105.46	5	2	0	0	0
105.92	2	0	0	0	0
106.38	0	0	0	0	0
106.84	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	33.829	60	104.109	104.871	106.096	0.442	120	11.406
post10krad	16.076	60	102.494	104.312	105.469	0.919	120	5.691
post20Krad	27.016	60	103.442	104.276	105.211	0.546	120	9.594
post30krad	23.537	60	102.668	103.891	104.535	0.622	120	8.639
post40krad	21.390	60	102.836	103.623	105.052	0.680	120	8.031

1025.7__PSRR

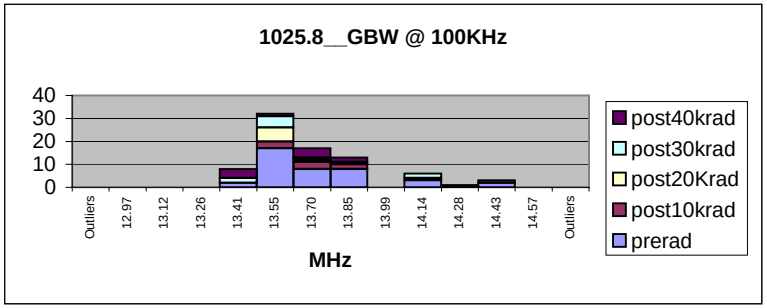
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
95.31	0	0	0	0	0
96.59	0	0	0	0	0
97.87	1	0	0	0	0
99.15	0	0	1	0	0
100.43	6	1	3	0	1
101.71	7	2	2	2	2
102.99	11	2	0	5	3
104.26	9	4	0	3	3
105.54	5	1	3	0	1
106.82	0	0	0	0	0
108.10	1	0	0	0	1
109.38	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.221	85	98.501	103.039	107.978	1.867	120	3.028
post10krad	3.883	85	100.895	103.456	106.032	1.584	120	3.480
post20Krad	2.261	85	98.533	102.346	105.753	2.557	120	2.301
post30krad	5.866	85	101.111	102.886	104.086	1.016	120	5.613
post40krad	3.091	85	100.378	103.683	107.819	2.015	120	2.700

1025.8__GBW @ 100KHz

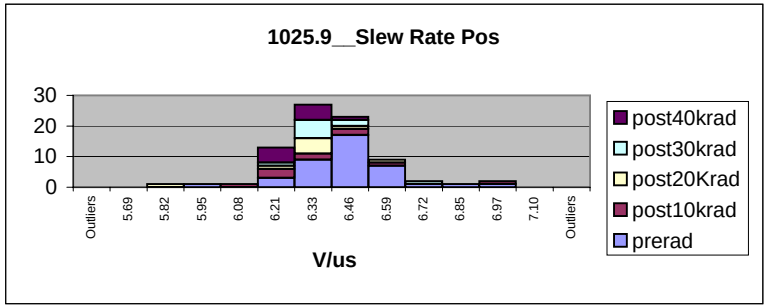
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
12.97	0	0	0	0	0
13.12	0	0	0	0	0
13.26	0	0	0	0	0
13.41	2	0	0	2	4
13.55	17	3	6	5	1
13.70	8	3	1	1	4
13.85	8	2	1	0	2
13.99	0	0	0	0	0
14.14	3	1	0	2	0
14.28	0	0	1	0	0
14.43	2	1	0	0	0
14.57	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	15.382	3	13.479	13.721	14.427	0.232	20	9.008
post10krad	12.368	3	13.505	13.774	14.443	0.290	20	7.147
post20Krad	13.601	3	13.493	13.687	14.312	0.262	20	8.035
post30krad	14.641	3	13.461	13.656	14.113	0.243	20	8.717
post40krad	20.076	3	13.363	13.617	13.857	0.176	20	12.069

1025.9__Slew Rate Pos

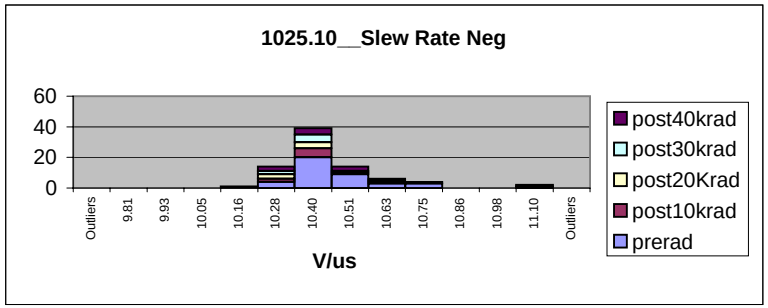
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.69	0	0	0	0	0
5.82	0	0	1	0	0
5.95	1	0	0	0	0
6.08	0	1	0	0	0
6.21	3	3	1	1	5
6.33	9	2	5	6	5
6.46	17	2	1	2	1
6.59	7	1	1	0	0
6.72	1	0	0	1	0
6.85	1	0	0	0	0
6.97	1	1	0	0	0
7.10	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	4.747	4	5.965	6.458	7.033	0.173	24	33.875
post10krad	3.116	4	6.112	6.398	6.998	0.257	24	22.874
post20Krad	3.927	4	5.877	6.328	6.633	0.198	24	29.811
post30krad	6.607	4	6.235	6.383	6.662	0.120	24	48.834
post40krad	8.725	4	6.161	6.290	6.401	0.087	24	67.474

1025.10__Slew Rate Neg

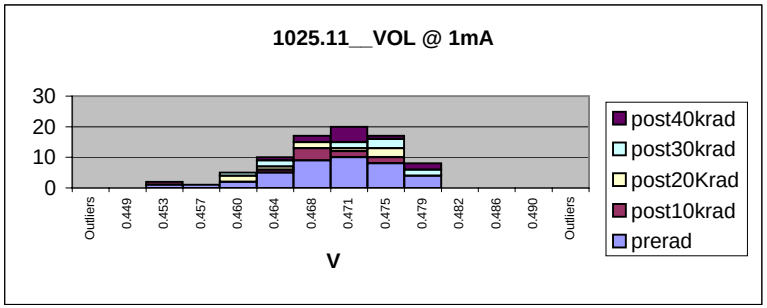
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
9.81	0	0	0	0	0
9.93	0	0	0	0	0
10.05	0	0	0	0	0
10.16	0	0	0	0	1
10.28	4	2	3	2	3
10.40	20	6	4	5	4
10.51	9	0	1	1	3
10.63	3	1	1	1	0
10.75	3	0	0	1	0
10.86	0	0	0	0	0
10.98	0	0	0	0	0
11.10	1	1	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	13.740	4	10.241	10.470	11.107	0.157	24	28.736
post10krad	9.218	4	10.253	10.455	11.058	0.233	24	19.344
post20Krad	17.715	4	10.261	10.398	10.624	0.120	24	37.664
post30krad	15.006	4	10.286	10.438	10.726	0.143	24	31.608
post40krad	19.715	4	10.162	10.354	10.545	0.107	24	42.336

1025.11__VOL @ 1mA

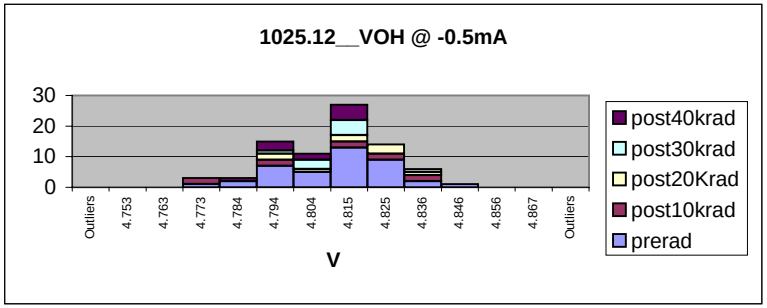
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.449	0	0	0	0	0
0.453	1	1	0	0	0
0.457	1	0	0	0	0
0.460	2	0	2	1	0
0.464	5	1	1	2	1
0.468	9	4	2	0	2
0.471	10	2	1	2	5
0.475	8	2	3	3	1
0.479	4	0	0	2	2
0.482	0	0	0	0	0
0.486	0	0	0	0	0
0.490	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	26.773	0	0.452	0.469	0.479	5.85E-03	1	30.254
post10krad	22.838	0	0.452	0.468	0.475	6.83E-03	1	25.980
post20Krad	26.344	0	0.459	0.468	0.475	5.92E-03	1	29.939
post30krad	23.220	0	0.459	0.471	0.479	6.77E-03	1	26.049
post40krad	37.555	0	0.465	0.472	0.480	4.19E-03	1	42.020

1025.12__VOH @ -0.5mA

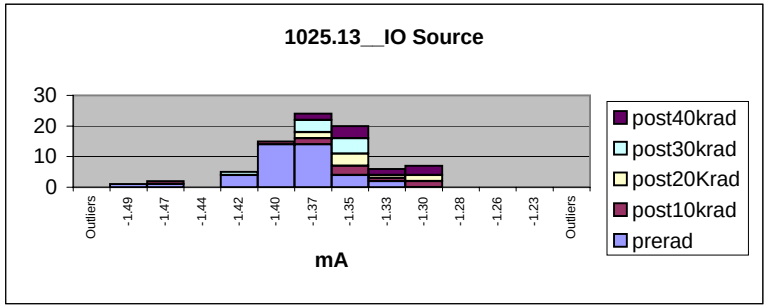
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
4.753	0	0	0	0	0
4.763	0	0	0	0	0
4.773	1	2	0	0	0
4.784	2	0	0	0	1
4.794	7	2	2	1	3
4.804	5	0	1	3	2
4.815	13	2	2	5	5
4.825	9	2	3	0	0
4.836	2	2	1	1	0
4.846	1	0	0	0	0
4.856	0	0	0	0	0
4.867	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	18.603	4	4.778	4.811	4.845	0.015	5	4.333
post10krad	13.027	4	4.778	4.810	4.833	0.021	5	3.063
post20Krad	20.009	4	4.790	4.813	4.831	0.014	5	4.601
post30krad	20.919	4	4.790	4.812	4.840	0.013	5	4.835
post40krad	26.974	4	4.789	4.805	4.816	9.94E-03	5	6.551

1025.13__IO Source

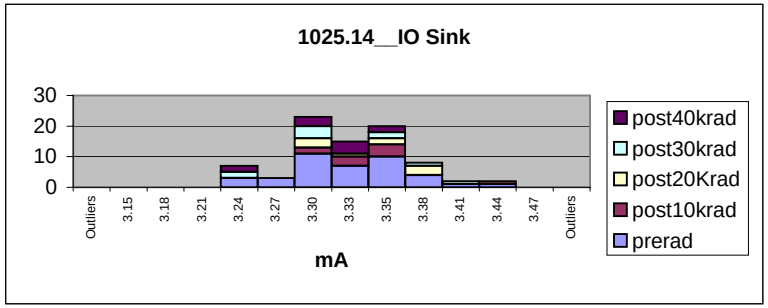
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-1.49	1	0	0	0	0
-1.47	1	1	0	0	0
-1.44	0	0	0	0	0
-1.42	4	0	0	1	0
-1.40	14	1	0	0	0
-1.37	14	2	2	4	2
-1.35	4	3	4	5	4
-1.33	2	1	1	0	2
-1.30	0	2	2	0	3
-1.28	0	0	0	0	0
-1.26	0	0	0	0	0
-1.23	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	89.442	-10	-1.488	-1.387	-1.324	0.032	-0.5	9.206
post10krad	61.707	-10	-1.468	-1.361	-1.300	0.047	-0.5	6.148
post20Krad	113.431	-10	-1.372	-1.342	-1.303	0.025	-0.5	11.033
post30krad	107.374	-10	-1.427	-1.363	-1.339	0.027	-0.5	10.731
post40krad	131.931	-10	-1.370	-1.336	-1.307	0.022	-0.5	12.726

1025.14__IO Sink

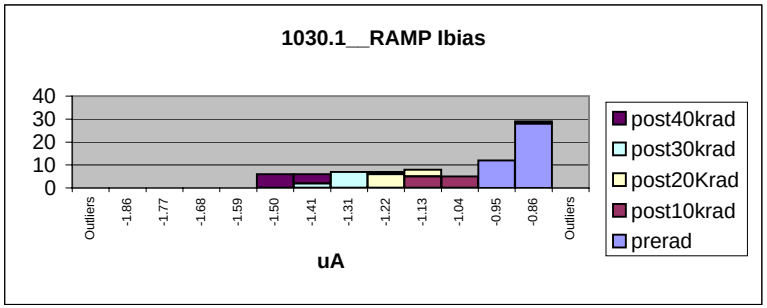
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
3.15	0	0	0	0	0
3.18	0	0	0	0	0
3.21	0	0	0	0	0
3.24	3	0	0	2	2
3.27	3	0	0	0	0
3.30	11	2	3	4	3
3.33	7	3	1	0	4
3.35	10	4	2	2	2
3.38	4	0	3	1	0
3.41	1	0	0	1	0
3.44	1	1	0	0	0
3.47	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	17.407	1	3.243	3.324	3.441	0.045	10	50.005
post10krad	17.483	1	3.286	3.346	3.448	0.045	10	49.580
post20Krad	19.577	1	3.284	3.339	3.383	0.040	10	55.745
post30krad	13.371	1	3.238	3.312	3.408	0.058	10	38.688
post40krad	21.150	1	3.237	3.307	3.349	0.036	10	61.376

1030.1__RAMP Ibias

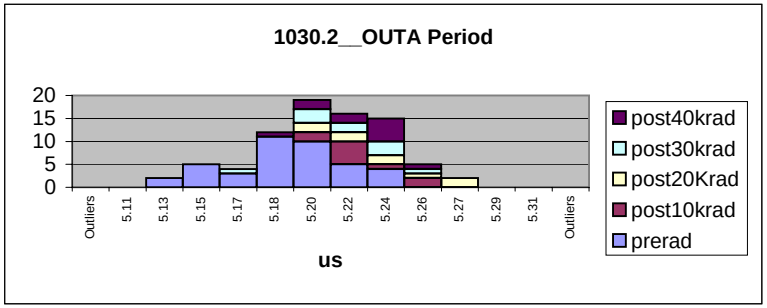
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-1.86	0	0	0	0	0
-1.77	0	0	0	0	0
-1.68	0	0	0	0	0
-1.59	0	0	0	0	0
-1.50	0	0	0	0	6
-1.41	0	0	0	2	4
-1.31	0	0	0	7	0
-1.22	0	0	6	1	0
-1.13	0	5	3	0	0
-1.04	0	5	0	0	0
-0.95	12	0	0	0	0
-0.86	28	0	0	0	1
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	54.311	-5	-0.922	-0.888	-0.825	0.025	0	11.725
post10krad	46.266	-5	-1.115	-1.081	-1.037	0.028	0	12.763
post20Krad	36.461	-5	-1.231	-1.189	-1.139	0.035	0	11.372
post30krad	33.271	-5	-1.370	-1.331	-1.269	0.037	0	12.075
post40krad	6.980	-5	-1.486	-1.392	-0.885	0.172	0	2.693

1030.2__OUTA Period

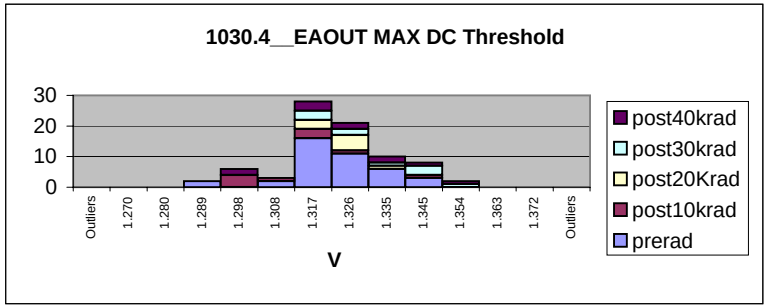
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.11	0	0	0	0	0
5.13	2	0	0	0	0
5.15	5	0	0	0	0
5.17	3	0	0	1	0
5.18	11	0	0	0	1
5.20	10	2	2	3	2
5.22	5	5	2	2	2
5.24	4	1	2	3	5
5.26	0	2	1	1	1
5.27	0	0	2	0	0
5.29	0	0	0	0	0
5.31	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	7.315	4.5454	5.135	5.190	5.244	0.029	5.5555	4.141
post10krad	11.309	4.5454	5.194	5.222	5.253	0.020	5.5555	5.582
post20Krad	8.139	4.5454	5.194	5.234	5.279	0.028	5.5555	3.802
post30krad	9.376	4.5454	5.171	5.219	5.251	0.024	5.5555	4.688
post40krad	10.356	4.5454	5.182	5.223	5.262	0.022	5.5555	5.092

1030.4__EAOUT MAX DC Threshold

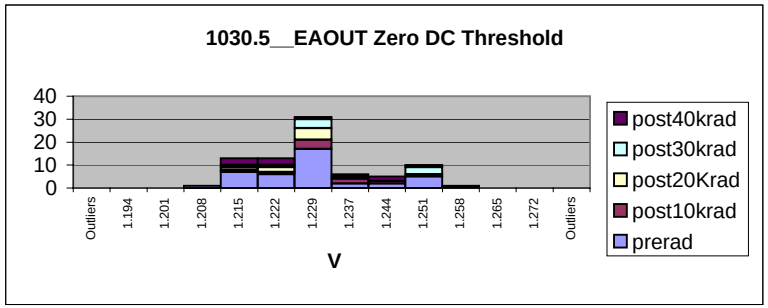
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.270	0	0	0	0	0
1.280	0	0	0	0	0
1.289	2	0	0	0	0
1.298	0	4	0	0	2
1.308	2	1	0	0	0
1.317	16	3	3	3	3
1.326	11	1	5	2	2
1.335	6	0	1	1	2
1.345	3	1	0	3	1
1.354	0	0	0	1	1
1.363	0	0	0	0	0
1.372	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	5.794	1.1	1.293	1.322	1.349	0.013	1.5	4.660
post10krad	4.667	1.1	1.298	1.311	1.343	0.015	1.5	4.175
post20Krad	9.883	1.1	1.313	1.325	1.338	7.59E-03	1.5	7.693
post30krad	5.439	1.1	1.313	1.332	1.354	0.014	1.5	3.926
post40krad	4.245	1.1	1.298	1.324	1.354	0.018	1.5	3.331

1030.5__EAOUT Zero DC Threshold

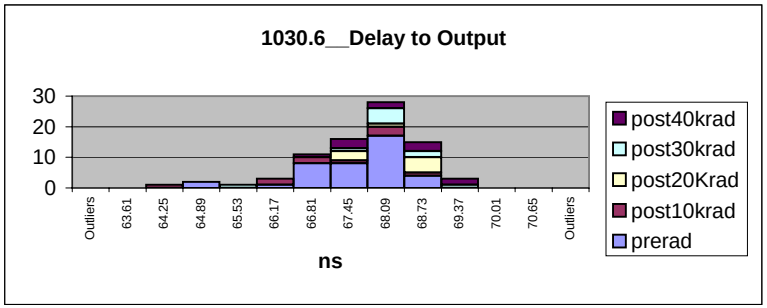
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.194	0	0	0	0	0
1.201	0	0	0	0	0
1.208	1	0	0	0	0
1.215	7	1	1	1	3
1.222	6	1	2	1	3
1.229	17	4	5	4	1
1.237	2	2	1	0	1
1.244	2	1	0	0	2
1.251	5	1	0	3	1
1.258	0	0	0	1	0
1.265	0	0	0	0	0
1.272	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	4.066	1.1	1.207	1.229	1.247	0.011	1.5	8.562
post10krad	4.784	1.1	1.217	1.232	1.247	9.22E-03	1.5	9.677
post20Krad	6.650	1.1	1.217	1.228	1.237	6.41E-03	1.5	14.158
post30krad	3.339	1.1	1.217	1.235	1.258	0.014	1.5	6.527
post40krad	3.305	1.1	1.212	1.229	1.253	0.013	1.5	6.935

1030.6__Delay to Output

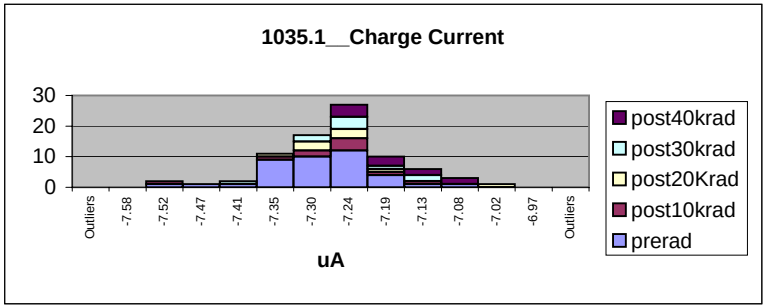
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
63.61	0	0	0	0	0
64.25	0	1	0	0	0
64.89	2	0	0	0	0
65.53	0	0	0	1	0
66.17	1	2	0	0	0
66.81	8	2	0	0	1
67.45	8	1	3	1	3
68.09	17	3	1	5	2
68.73	4	1	5	2	3
69.37	0	0	0	1	2
70.01	0	0	0	0	0
70.65	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	10.430	40	64.846	67.549	68.893	0.880	80	4.714
post10krad	7.138	40	64.301	67.086	68.550	1.265	80	3.403
post20Krad	15.903	40	67.461	68.233	68.958	0.592	80	6.628
post30krad	9.256	40	65.410	67.946	69.091	1.006	80	3.992
post40krad	12.276	40	67.022	68.190	69.258	0.765	80	5.143

1035.1__Charge Current

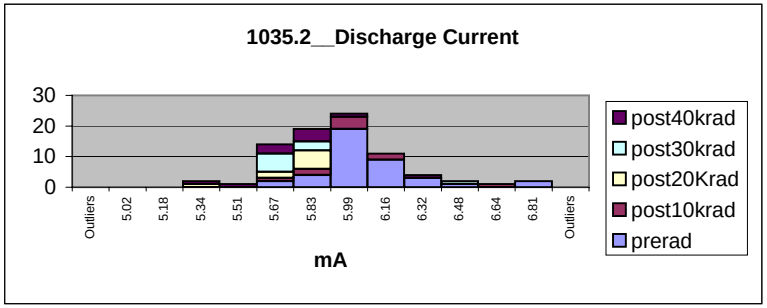
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-7.58	0	0	0	0	0
-7.52	1	1	0	0	0
-7.47	1	0	0	0	0
-7.41	1	0	0	1	0
-7.35	9	1	1	0	0
-7.30	10	2	3	2	0
-7.24	12	4	3	4	4
-7.19	4	1	1	1	3
-7.13	1	1	0	2	2
-7.08	1	0	0	0	2
-7.02	0	0	1	0	0
-6.97	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	50.817	-20	-7.511	-7.283	-7.065	0.083	-3	17.113
post10krad	38.202	-20	-7.533	-7.271	-7.126	0.111	-3	12.820
post20Krad	49.808	-20	-7.332	-7.243	-7.044	0.085	-3	16.568
post30krad	53.708	-20	-7.395	-7.248	-7.121	0.079	-3	17.890
post40krad	70.107	-20	-7.259	-7.185	-7.101	0.061	-3	22.894

1035.2__Discharge Current

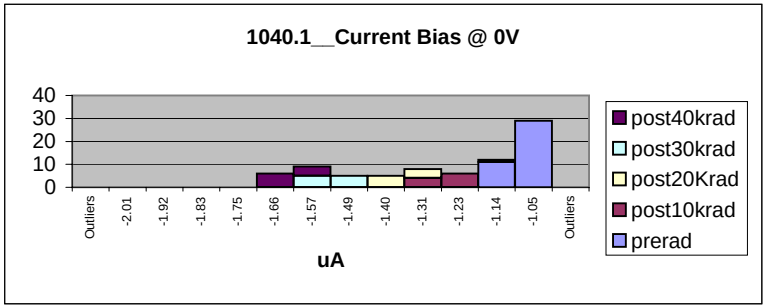
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.02	0	0	0	0	0
5.18	0	0	0	0	0
5.34	0	0	1	0	1
5.51	0	0	0	0	1
5.67	2	1	2	6	3
5.83	4	2	6	3	4
5.99	19	4	0	0	1
6.16	9	2	0	0	0
6.32	3	0	0	0	1
6.48	1	0	0	1	0
6.64	0	1	0	0	0
6.81	2	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	7.058	1	5.596	6.061	6.840	0.239	20	19.440
post10krad	5.828	1	5.688	6.024	6.715	0.287	20	16.212
post20Krad	9.912	1	5.403	5.766	5.896	0.160	20	29.605
post30krad	7.089	1	5.660	5.798	6.417	0.226	20	20.985
post40krad	5.853	1	5.278	5.749	6.267	0.270	20	17.562

1040.1__Current Bias @ 0V

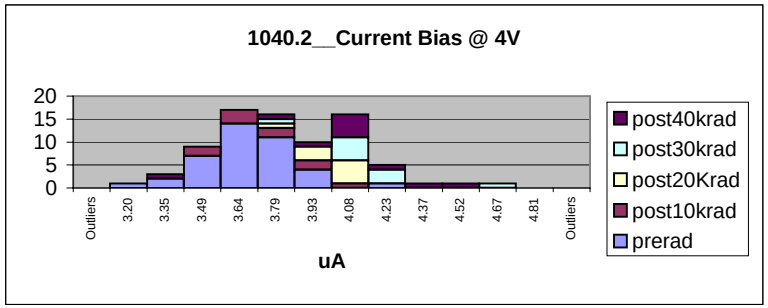
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
-2.01	0	0	0	0	0
-1.92	0	0	0	0	0
-1.83	0	0	0	0	0
-1.75	0	0	0	0	0
-1.66	0	0	0	0	6
-1.57	0	0	0	5	4
-1.49	0	0	0	5	0
-1.40	0	0	5	0	0
-1.31	0	4	4	0	0
-1.23	0	6	0	0	0
-1.14	11	0	0	0	1
-1.05	29	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	180.497	-15	-1.162	-1.088	-1.048	0.026	15	208.742
post10krad	143.650	-15	-1.340	-1.268	-1.231	0.032	15	170.177
post20Krad	164.236	-15	-1.408	-1.371	-1.331	0.028	15	197.292
post30krad	161.355	-15	-1.591	-1.529	-1.500	0.028	15	197.975
post40krad	28.494	-15	-1.655	-1.577	-1.112	0.157	15	35.190

1040.2__Current Bias @ 4V

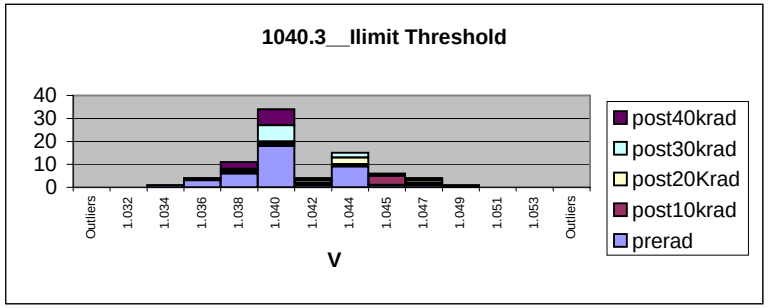
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
3.20	1	0	0	0	0
3.35	2	0	0	0	1
3.49	7	2	0	0	0
3.64	14	3	0	0	0
3.79	11	2	1	1	1
3.93	4	2	3	0	1
4.08	0	1	5	5	5
4.23	1	0	0	3	1
4.37	0	0	0	0	1
4.52	0	0	0	0	1
4.67	0	0	0	1	0
4.81	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	33.687	-15	3.270	3.680	4.234	0.185	15	20.415
post10krad	30.889	-15	3.445	3.753	4.061	0.202	15	18.526
post20Krad	64.661	-15	3.834	3.998	4.131	0.098	15	37.446
post30krad	30.551	-15	3.806	4.149	4.628	0.209	15	17.312
post40krad	23.006	-15	3.414	4.057	4.466	0.276	15	13.211

1040.3__Ilimit Threshold

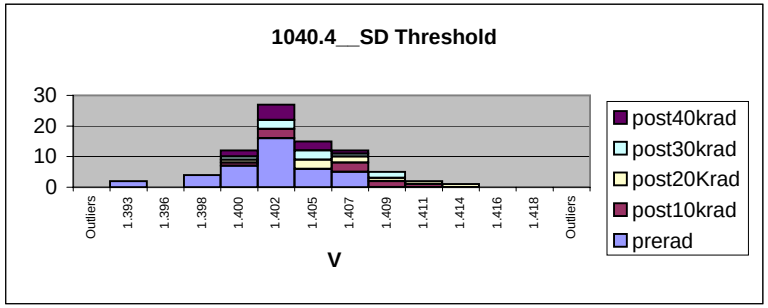
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.032	0	0	0	0	0
1.034	1	0	0	0	0
1.036	3	1	0	0	0
1.038	6	1	1	0	3
1.040	18	1	1	7	7
1.042	1	1	1	0	1
1.044	9	1	3	2	0
1.045	1	4	1	0	0
1.047	1	1	1	1	0
1.049	0	0	1	0	0
1.051	0	0	0	0	0
1.053	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	17.629	0.9	1.034	1.040	1.048	2.65E-03	1.1	7.533
post10krad	12.994	0.9	1.036	1.042	1.047	3.65E-03	1.1	5.256
post20Krad	13.838	0.9	1.039	1.043	1.050	3.46E-03	1.1	5.451
post30krad	17.862	0.9	1.040	1.041	1.048	2.63E-03	1.1	7.456
post40krad	47.375	0.9	1.038	1.040	1.042	9.82E-04	1.1	20.537

1040.4__SD Threshold

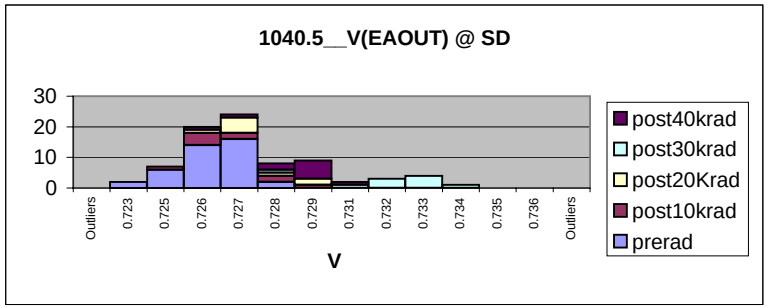
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
1.393	2	0	0	0	0
1.396	0	0	0	0	0
1.398	4	0	0	0	0
1.400	7	1	1	1	2
1.402	16	3	0	3	5
1.405	6	0	3	3	3
1.407	5	3	2	1	1
1.409	0	2	1	2	0
1.411	0	1	1	0	0
1.414	0	0	1	0	0
1.416	0	0	0	0	0
1.418	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	15.613	1.25	1.393	1.402	1.408	3.25E-03	1.55	15.177
post10krad	13.142	1.25	1.400	1.406	1.411	3.94E-03	1.55	12.212
post20Krad	12.868	1.25	1.400	1.407	1.413	4.07E-03	1.55	11.729
post30krad	19.606	1.25	1.401	1.405	1.408	2.64E-03	1.55	18.341
post40krad	27.464	1.25	1.401	1.403	1.406	1.86E-03	1.55	26.339

1040.5__V(EAOUT) @ SD

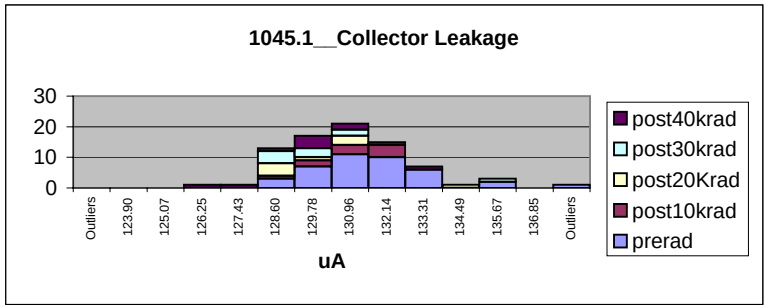
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.723	2	0	0	0	0
0.725	6	1	0	0	0
0.726	14	4	1	0	1
0.727	16	2	5	0	1
0.728	2	2	1	1	2
0.729	0	1	2	0	6
0.731	0	0	0	1	1
0.732	0	0	0	3	0
0.733	0	0	0	4	0
0.734	0	0	0	1	0
0.735	0	0	0	0	0
0.736	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	221.074	0	0.724	0.726	0.728	1.09E-03	1	83.350
post10krad	187.896	0	0.725	0.727	0.729	1.29E-03	1	70.640
post20Krad	224.703	0	0.726	0.728	0.729	1.08E-03	1	84.125
post30krad	141.650	0	0.728	0.732	0.734	1.72E-03	1	51.893
post40krad	187.083	0	0.726	0.729	0.730	1.30E-03	1	69.659

1045.1__Collector Leakage

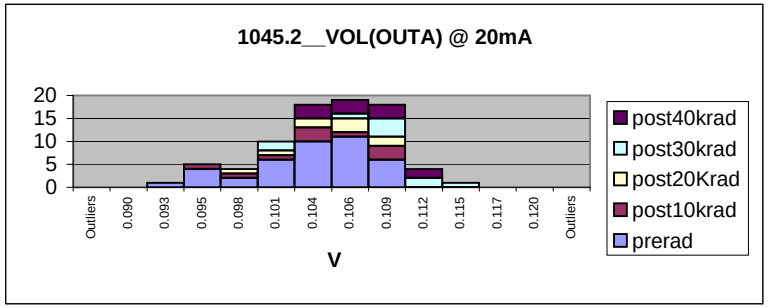
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
123.90	0	0	0	0	0
125.07	0	0	0	0	0
126.25	0	0	0	0	1
127.43	0	0	0	0	1
128.60	3	1	4	4	1
129.78	7	2	1	3	4
130.96	11	3	3	2	2
132.14	10	4	0	0	1
133.31	6	0	0	0	1
134.49	0	0	1	0	0
135.67	2	0	0	1	0
136.85	0	0	0	0	0
Outliers	1	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	20.849	10	128.786	131.602	137.833	1.944	500	63.163
post10krad	33.660	10	128.093	130.669	131.968	1.195	500	103.022
post20Krad	22.064	10	128.391	130.185	134.188	1.816	500	67.891
post30krad	17.747	10	128.142	130.073	135.877	2.255	500	54.675
post40krad	19.972	10	126.385	129.868	133.807	2.001	500	61.669

1045.2__VOL(OUTA) @ 20mA

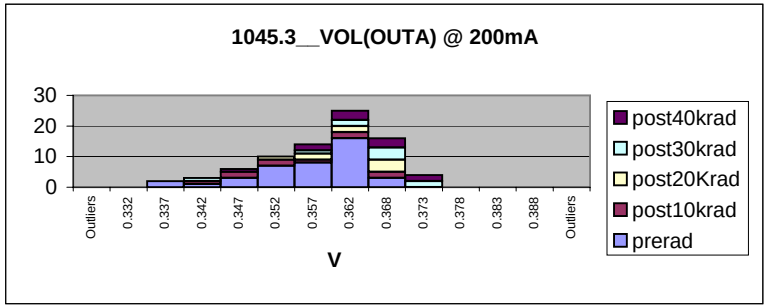
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.090	0	0	0	0	0
0.093	1	0	0	0	0
0.095	4	1	0	0	0
0.098	2	1	1	0	0
0.101	6	1	1	2	0
0.104	10	3	2	0	3
0.106	11	1	3	1	3
0.109	6	3	2	4	3
0.112	0	0	0	2	2
0.115	0	0	0	1	0
0.117	0	0	0	0	0
0.120	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	7.705	0.01	0.094	0.103	0.109	4.04E-03	0.4	24.436
post10krad	6.030	0.01	0.095	0.104	0.111	5.20E-03	0.4	18.950
post20Krad	8.333	0.01	0.097	0.105	0.110	3.82E-03	0.4	25.733
post30krad	7.392	0.01	0.100	0.108	0.114	4.43E-03	0.4	21.963
post40krad	10.455	0.01	0.103	0.107	0.113	3.10E-03	0.4	31.436

1045.3__VOL(OUTA) @ 200mA

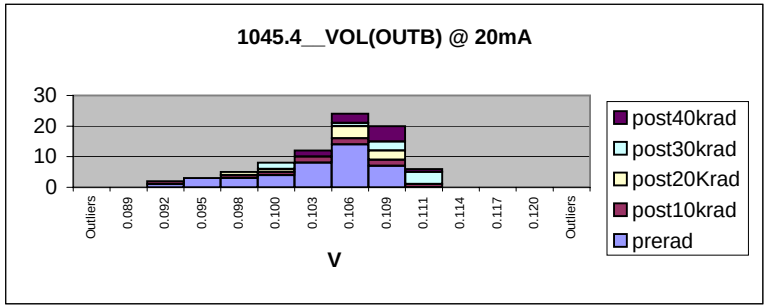
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.332	0	0	0	0	0
0.337	2	0	0	0	0
0.342	1	1	0	1	0
0.347	3	2	0	0	1
0.352	7	2	1	0	0
0.357	8	1	2	1	2
0.362	16	2	2	2	3
0.368	3	2	4	4	3
0.373	0	0	0	2	2
0.378	0	0	0	0	0
0.383	0	0	0	0	0
0.388	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	15.190	0.01	0.336	0.357	0.368	7.62E-03	2.2	80.663
post10krad	12.834	0.01	0.340	0.356	0.368	8.99E-03	2.2	68.408
post20Krad	22.630	0.01	0.354	0.363	0.370	5.20E-03	2.2	117.632
post30krad	13.059	0.01	0.343	0.364	0.373	9.03E-03	2.2	67.785
post40krad	16.784	0.01	0.350	0.364	0.373	7.03E-03	2.2	87.032

1045.4__VOL(OUTB) @ 20mA

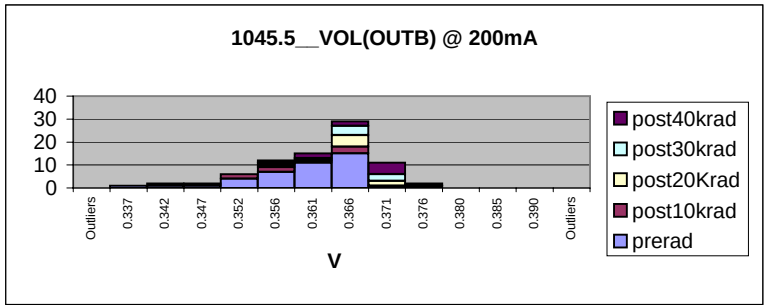
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.089	0	0	0	0	0
0.092	1	1	0	0	0
0.095	3	0	0	0	0
0.098	3	1	1	0	0
0.100	4	1	1	2	0
0.103	8	2	0	0	2
0.106	14	2	4	1	3
0.109	7	2	3	3	5
0.111	0	1	0	4	1
0.114	0	0	0	0	0
0.117	0	0	0	0	0
0.120	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	7.674	0.01	0.092	0.103	0.108	4.06E-03	0.4	24.352
post10krad	5.955	0.01	0.093	0.104	0.110	5.25E-03	0.4	18.785
post20Krad	8.170	0.01	0.097	0.105	0.109	3.89E-03	0.4	25.240
post30krad	7.354	0.01	0.100	0.108	0.113	4.43E-03	0.4	21.990
post40krad	11.381	0.01	0.103	0.107	0.112	2.85E-03	0.4	34.215

1045.5__VOL(OUTB) @ 200mA

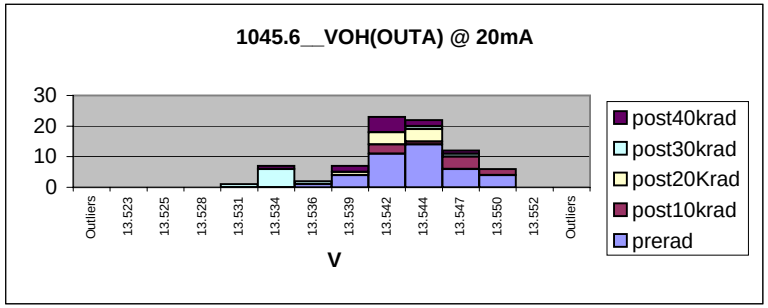
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.337	1	0	0	0	0
0.342	1	0	0	1	0
0.347	1	1	0	0	0
0.352	4	2	0	0	0
0.356	7	2	1	1	1
0.361	11	1	1	0	2
0.366	15	3	5	4	2
0.371	0	1	2	3	5
0.376	0	0	0	1	1
0.380	0	0	0	0	0
0.385	0	0	0	0	0
0.390	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	16.531	0.01	0.338	0.360	0.368	7.05E-03	2.2	87.017
post10krad	14.408	0.01	0.345	0.359	0.369	8.07E-03	2.2	76.022
post20Krad	25.990	0.01	0.357	0.365	0.371	4.56E-03	2.2	134.140
post30krad	13.158	0.01	0.344	0.366	0.374	9.01E-03	2.2	67.902
post40krad	19.460	0.01	0.355	0.367	0.376	6.12E-03	2.2	99.879

1045.6__VOH(OUTA) @ 20mA

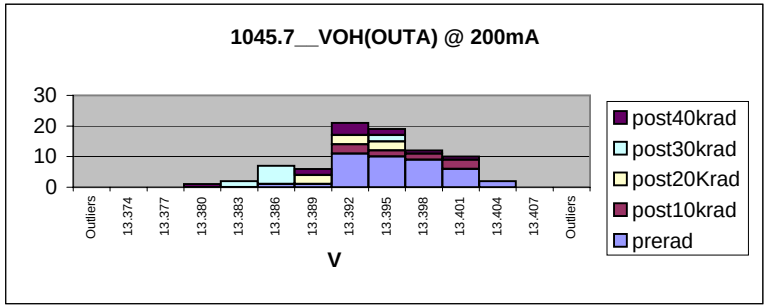
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
13.523	0	0	0	0	0
13.525	0	0	0	0	0
13.528	0	0	0	0	0
13.531	0	0	0	1	0
13.534	0	0	0	6	1
13.536	1	0	0	1	0
13.539	4	0	1	0	2
13.542	11	3	4	0	5
13.544	14	1	4	1	2
13.547	6	4	0	1	1
13.550	4	2	0	0	0
13.552	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	60.325	13	13.538	13.544	13.550	3.01E-03	15	161.492
post10krad	64.238	13	13.540	13.545	13.549	2.83E-03	15	171.416
post20Krad	99.658	13	13.540	13.543	13.545	1.81E-03	15	267.685
post30krad	36.486	13	13.532	13.536	13.546	4.90E-03	15	99.621
post40krad	47.094	13	13.533	13.542	13.548	3.83E-03	15	126.760

1045.7__VOH(OUTA) @ 200mA

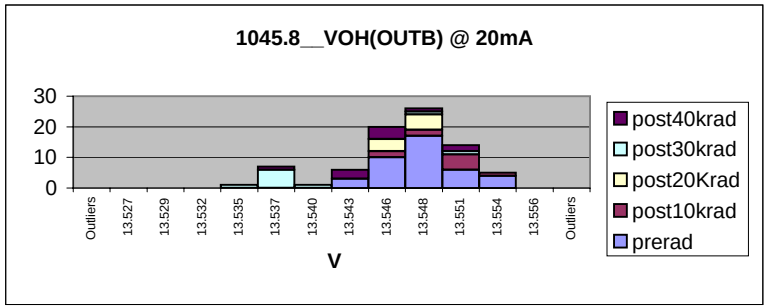
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
13.374	0	0	0	0	0
13.377	0	0	0	0	0
13.380	0	0	0	0	1
13.383	0	0	0	2	0
13.386	1	0	0	6	0
13.389	1	0	3	0	2
13.392	11	3	3	0	4
13.395	10	2	3	2	2
13.398	9	2	0	0	1
13.401	6	3	0	0	1
13.404	2	0	0	0	0
13.407	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	114.509	12	13.387	13.395	13.405	4.06E-03	15	131.661
post10krad	136.678	12	13.392	13.397	13.401	3.41E-03	15	156.931
post20Krad	176.313	12	13.389	13.392	13.396	2.63E-03	15	203.548
post30krad	94.430	12	13.382	13.387	13.396	4.90E-03	15	109.807
post40krad	86.606	12	13.381	13.392	13.400	5.36E-03	15	100.031

1045.8__VOH(OUTB) @ 20mA

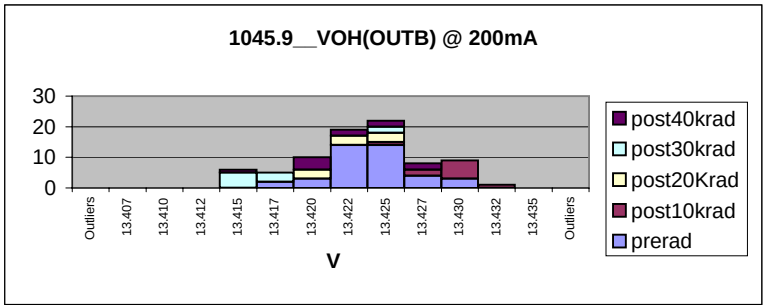
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
13.527	0	0	0	0	0
13.529	0	0	0	0	0
13.532	0	0	0	0	0
13.535	0	0	0	1	0
13.537	0	0	0	6	1
13.540	0	0	0	1	0
13.543	3	0	0	0	3
13.546	10	2	4	0	4
13.548	17	2	5	1	1
13.551	6	5	0	1	2
13.554	4	1	0	0	0
13.556	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	62.903	13	13.542	13.548	13.555	2.90E-03	15	166.624
post10krad	65.595	13	13.545	13.549	13.553	2.79E-03	15	173.170
post20Krad	100.834	13	13.544	13.547	13.549	1.81E-03	15	267.817
post30krad	36.272	13	13.536	13.540	13.550	4.96E-03	15	98.044
post40krad	50.596	13	13.538	13.545	13.551	3.59E-03	15	134.936

1045.9__VOH(OUTB) @ 200mA

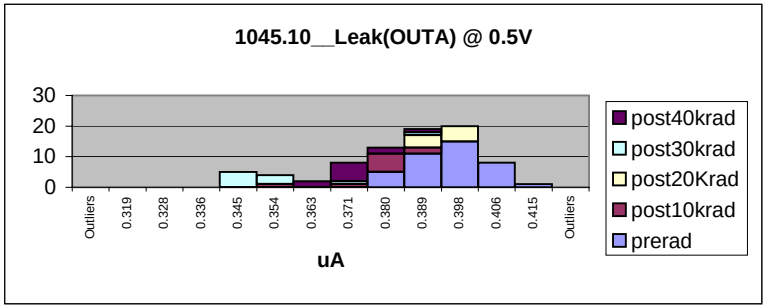
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
13.407	0	0	0	0	0
13.410	0	0	0	0	0
13.412	0	0	0	0	0
13.415	0	0	0	5	1
13.417	2	0	0	3	0
13.420	3	0	3	0	4
13.422	14	0	3	0	2
13.425	14	1	3	2	2
13.427	4	2	0	0	2
13.430	3	6	0	0	0
13.432	0	1	0	0	0
13.435	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	171.010	12	13.417	13.424	13.430	2.77E-03	15	189.368
post10krad	198.378	12	13.424	13.429	13.433	2.40E-03	15	218.208
post20Krad	259.918	12	13.420	13.422	13.426	1.82E-03	15	288.261
post30krad	122.630	12	13.414	13.417	13.425	3.85E-03	15	136.932
post40krad	134.728	12	13.415	13.422	13.427	3.52E-03	15	149.520

1045.10__Leak(OUTA) @ 0.5V

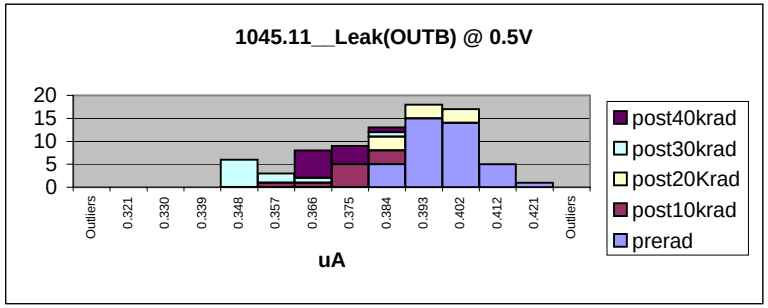
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.319	0	0	0	0	0
0.328	0	0	0	0	0
0.336	0	0	0	0	0
0.345	0	0	0	5	0
0.354	0	1	0	3	0
0.363	0	0	0	0	2
0.371	0	1	0	1	6
0.380	5	6	0	0	2
0.389	11	2	4	1	1
0.398	15	0	5	0	0
0.406	8	0	0	0	0
0.415	1	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	16.281	0	0.379	0.395	0.412	8.09E-03	10	395.717
post10krad	11.794	0	0.353	0.378	0.391	0.011	10	300.311
post20Krad	22.629	0	0.385	0.395	0.401	5.82E-03	10	550.430
post30krad	8.729	0	0.345	0.355	0.388	0.014	10	237.019
post40krad	22.747	0	0.365	0.374	0.386	5.48E-03	10	585.727

1045.11__Leak(OUTB) @ 0.5V

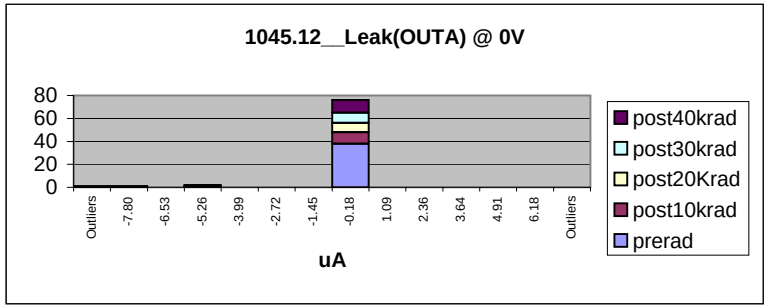
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
0.321	0	0	0	0	0
0.330	0	0	0	0	0
0.339	0	0	0	0	0
0.348	0	0	0	6	0
0.357	0	1	0	2	0
0.366	0	1	0	1	6
0.375	0	5	0	0	4
0.384	5	3	3	1	1
0.393	15	0	3	0	0
0.402	14	0	3	0	0
0.412	5	0	0	0	0
0.421	1	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	15.068	0	0.380	0.399	0.420	8.82E-03	10	362.785
post10krad	12.611	0	0.353	0.376	0.387	9.93E-03	10	323.132
post20Krad	19.543	0	0.382	0.393	0.402	6.70E-03	10	477.983
post30krad	8.838	0	0.346	0.356	0.389	0.013	10	239.234
post40krad	22.628	0	0.364	0.371	0.381	5.46E-03	10	587.554

1045.12__Leak(OUTA) @ 0V

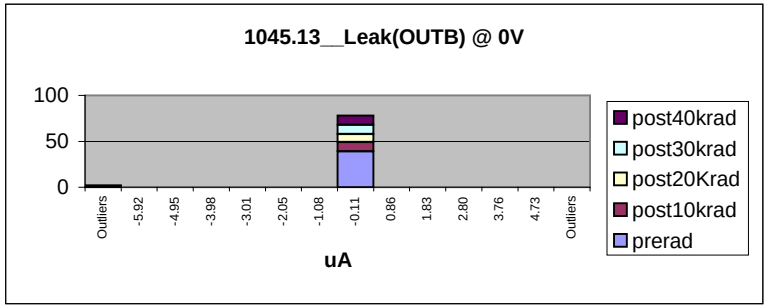
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	1	0	0	0	0
-7.80	0	0	0	1	0
-6.53	0	0	0	0	0
-5.26	1	0	1	0	0
-3.99	0	0	0	0	0
-2.72	0	0	0	0	0
-1.45	0	0	0	0	0
-0.18	38	10	8	9	11
1.09	0	0	0	0	0
2.36	0	0	0	0	0
3.64	0	0	0	0	0
4.91	0	0	0	0	0
6.18	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	2.226	-12	-9.891	-0.393	-0.005	1.738	0	0.075
post10krad	33.388	-12	-0.381	-0.041	-0.001	0.119	0	0.114
post20Krad	2.486	-12	-4.624	-0.519	-0.002	1.539	0	0.112
post30krad	1.468	-12	-8.044	-0.812	-0.004	2.541	0	0.106
post40krad	4017.696	-12	-0.008	-0.006	-0.005	9.95E-04	0	2.086

1045.13__Leak(OUTB) @ 0V

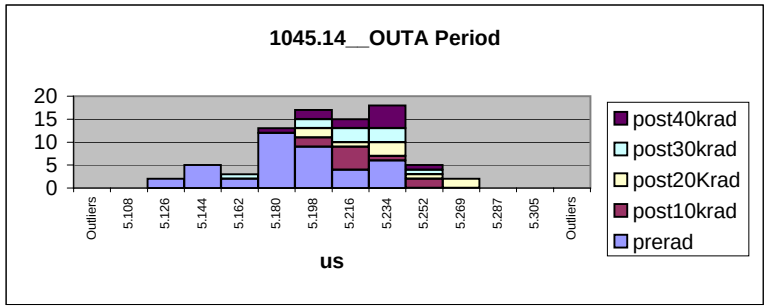
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	1	0	0	0	1
-5.92	0	0	0	0	0
-4.95	0	0	0	0	0
-3.98	0	0	0	0	0
-3.01	0	0	0	0	0
-2.05	0	0	0	0	0
-1.08	0	0	0	0	0
-0.11	39	10	9	10	10
0.86	0	0	0	0	0
1.83	0	0	0	0	0
2.80	0	0	0	0	0
3.76	0	0	0	0	0
4.73	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	3.032	-12	-8.207	-0.219	-0.005	1.295	0	0.056
post10krad	1586.197	-12	-0.015	-0.009	-0.006	2.52E-03	0	1.238
post20Krad	387.779	-12	-0.041	-0.014	-0.008	0.010	0	0.450
post30krad	477.081	-12	-0.032	-0.014	-0.004	8.37E-03	0	0.545
post40krad	1.963	-12	-6.434	-0.594	-0.007	1.937	0	0.102

1045.14__OUTA Period

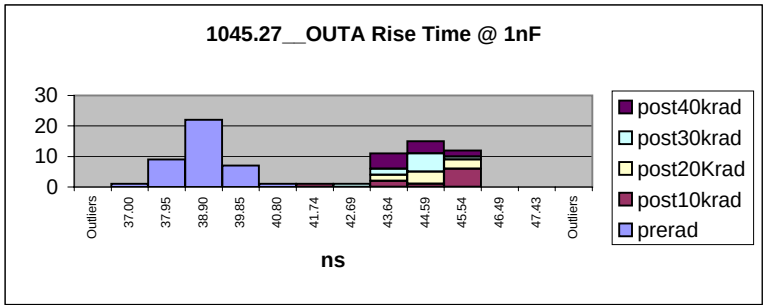
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
5.108	0	0	0	0	0
5.126	2	0	0	0	0
5.144	5	0	0	0	0
5.162	2	0	0	1	0
5.180	12	0	0	0	1
5.198	9	2	2	2	2
5.216	4	5	1	3	2
5.234	6	1	3	3	5
5.252	0	2	1	1	1
5.269	0	0	2	0	0
5.287	0	0	0	0	0
5.305	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	7.292	4.5454	5.129	5.187	5.238	0.029	5.5555	4.180
post10krad	11.442	4.5454	5.190	5.219	5.250	0.020	5.5555	5.704
post20Krad	8.319	4.5454	5.193	5.232	5.274	0.027	5.5555	3.925
post30krad	9.358	4.5454	5.168	5.217	5.249	0.024	5.5555	4.725
post40krad	10.466	4.5454	5.180	5.220	5.258	0.021	5.5555	5.215

1045.27__OUTA Rise Time @ 1nF

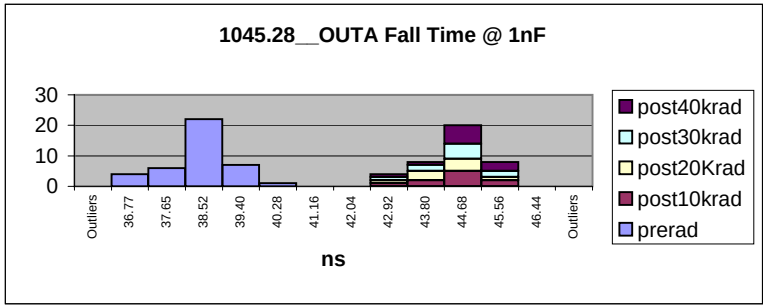
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
37.00	1	0	0	0	0
37.95	9	0	0	0	0
38.90	22	0	0	0	0
39.85	7	0	0	0	0
40.80	1	0	0	0	0
41.74	0	1	0	0	0
42.69	0	0	0	1	0
43.64	0	2	2	2	5
44.59	0	1	4	6	4
45.54	0	6	3	1	2
46.49	0	0	0	0	0
47.43	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	16.747	1	37.062	38.785	40.592	0.752	60	9.402
post10krad	13.229	1	42.183	44.612	45.755	1.099	60	4.668
post20Krad	22.205	1	44.035	44.840	45.997	0.658	60	7.679
post30krad	20.583	1	43.033	44.295	45.377	0.701	60	7.467
post40krad	25.792	1	43.487	44.219	45.146	0.559	60	9.418

1045.28__OUTA Fall Time @ 1nF

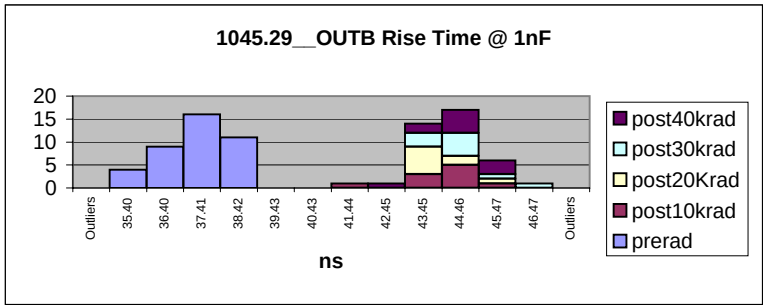
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
36.77	4	0	0	0	0
37.65	6	0	0	0	0
38.52	22	0	0	0	0
39.40	7	0	0	0	0
40.28	1	0	0	0	0
41.16	0	0	0	0	0
42.04	0	0	0	0	0
42.92	0	1	1	1	1
43.80	0	2	3	2	1
44.68	0	5	4	5	6
45.56	0	2	1	2	3
46.44	0	0	0	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	17.151	1	36.845	38.515	40.195	0.729	60	9.823
post10krad	18.782	1	42.935	44.461	45.499	0.771	60	6.715
post20Krad	19.214	1	43.118	44.445	45.674	0.754	60	6.879
post30krad	18.891	1	43.255	44.424	45.425	0.766	60	6.776
post40krad	19.321	1	43.103	44.618	45.598	0.753	60	6.814

1045.29__OUTB Rise Time @ 1nF

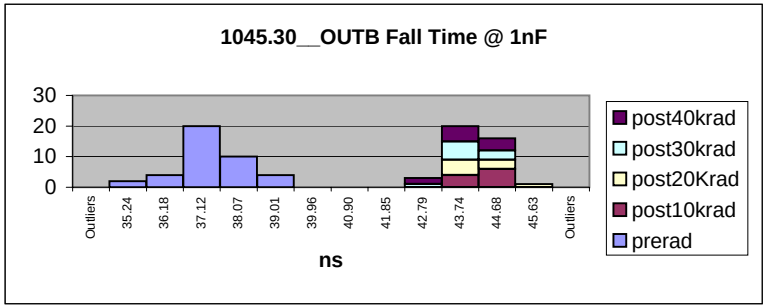
Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
35.40	4	0	0	0	0
36.40	9	0	0	0	0
37.41	16	0	0	0	0
38.42	11	0	0	0	0
39.43	0	0	0	0	0
40.43	0	0	0	0	0
41.44	0	1	0	0	0
42.45	0	0	0	0	1
43.45	0	3	6	3	2
44.46	0	5	2	5	5
45.47	0	1	1	1	3
46.47	0	0	0	1	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	15.024	1	35.432	37.311	38.683	0.806	60	9.388
post10krad	15.051	1	41.837	43.891	45.138	0.950	60	5.653
post20Krad	19.750	1	42.955	43.884	45.475	0.724	60	7.422
post30krad	17.160	1	43.413	44.445	46.020	0.844	60	6.144
post40krad	18.898	1	42.718	44.435	45.099	0.766	60	6.772

1045.30__OUTB Fall Time @ 1nF

Bin	prerad	post10krad	post20Krad	post30krad	post40krad
Outliers	0	0	0	0	0
35.24	2	0	0	0	0
36.18	4	0	0	0	0
37.12	20	0	0	0	0
38.07	10	0	0	0	0
39.01	4	0	0	0	0
39.96	0	0	0	0	0
40.90	0	0	0	0	0
41.85	0	0	0	0	0
42.79	0	0	0	1	2
43.74	0	4	5	6	5
44.68	0	6	3	3	4
45.63	0	0	1	0	0
Outliers	0	0	0	0	0



	Cpk(LL)	LL	Min	Avg	Max	Sigma	UL	Cpk(UL)
prerad	14.145	1	35.156	37.332	39.365	0.856	60	8.825
post10krad	28.152	1	43.310	44.271	44.787	0.512	60	10.233
post20Krad	22.925	1	43.320	44.213	45.427	0.628	60	8.375
post30krad	24.013	1	43.061	43.883	44.975	0.595	60	9.025
post40krad	19.092	1	42.551	43.834	44.986	0.748	60	7.206

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