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# HIGH DOSE RADIATION TEST REPORT AD1671S

October 2008

Generic

Radiation Test Report	
Product:	AD1671S
Gamma:	0, 30K, 50K, 100K, 24Hr
Gamma Source:	Co60/TM1019 Condition A
Dose Rate:	184 Rad/s
Facilities:	UMass Lowell
Tested:	October 14th, 2008

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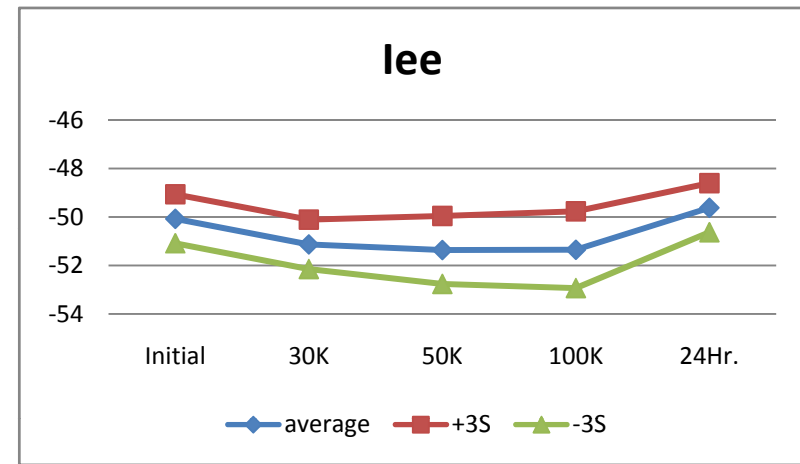
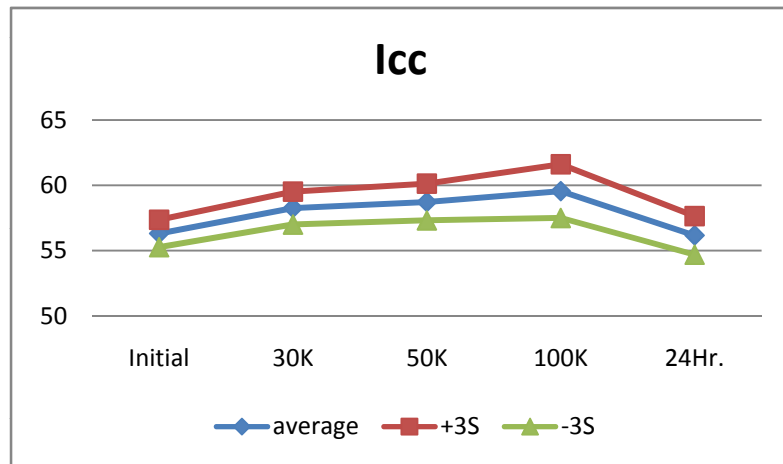
It is the responsibility of the Procuring Activity to screen products from Analog Devices, Inc. for compliance to Nuclear Hardness Critical Items (HCI) specifications.

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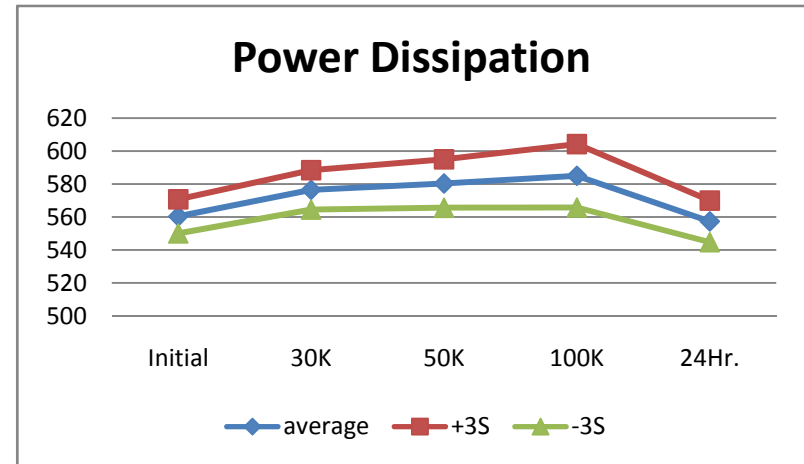
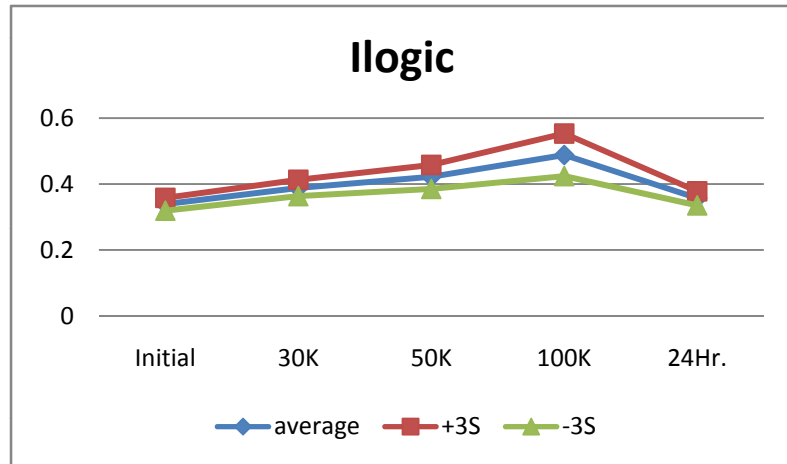
1	ICC				mA
SN	Initial	30K	50K	100K	24Hr.
587	56.266	56.266	56.266	56.266	56.592
573	56.118	57.743	58.113	58.852	55.595
574	56.635	58.852	59.295	60.33	57.036
576	56.635	58.482	59	59.96	56.371
577	56.155	57.743	58.076	58.482	55.705
578	57.005	58.815	59.221	59.96	56.777
579	55.896	58.113	58.741	59.665	55.927
580	56.266	58.335	58.889	59.96	56.001
581	55.896	57.743	58.076	58.482	55.595
582	56.266	58.482	59	59.96	56.334
583	56.266	58.335	58.852	59.96	56.334
min	55.896	57.743	58.076	58.482	55.595
max	57.005	58.852	59.295	60.33	57.036
stdev	0.35	0.42	0.469	0.685	0.492
average	56.314	58.264	58.726	59.561	56.167
+3S	57.364	59.525	60.134	61.617	57.643
-3S	55.264	57.003	57.318	57.505	54.692

2	IEE				mA
SN	Initial	30K	50K	100K	24Hr.
587	-49.973	-49.909	-49.797	-49.871	-49.938
573	-49.6	-50.692	-50.692	-50.692	-49.192
574	-50.085	-51.438	-51.811	-51.848	-50.199
576	-50.309	-51.438	-51.438	-51.811	-49.938
577	-49.973	-50.692	-50.804	-50.505	-49.565
578	-50.719	-51.475	-51.811	-51.811	-50.012
579	-49.6	-50.953	-51.326	-51.363	-49.192
580	-49.973	-51.251	-51.811	-51.55	-49.378
581	-49.973	-50.692	-50.692	-50.692	-49.528
582	-50.309	-51.438	-51.699	-51.438	-49.565
583	-50.197	-51.251	-51.55	-51.811	-49.602
min	-50.719	-51.475	-51.811	-51.848	-50.199
max	-49.6	-50.692	-50.692	-50.505	-49.192
stdev	0.337	0.34	0.468	0.528	0.338
average	-50.074	-51.132	-51.363	-51.352	-49.617
+3S	-49.063	-50.112	-49.96	-49.767	-48.603
-3S	-51.084	-52.152	-52.766	-52.937	-50.631



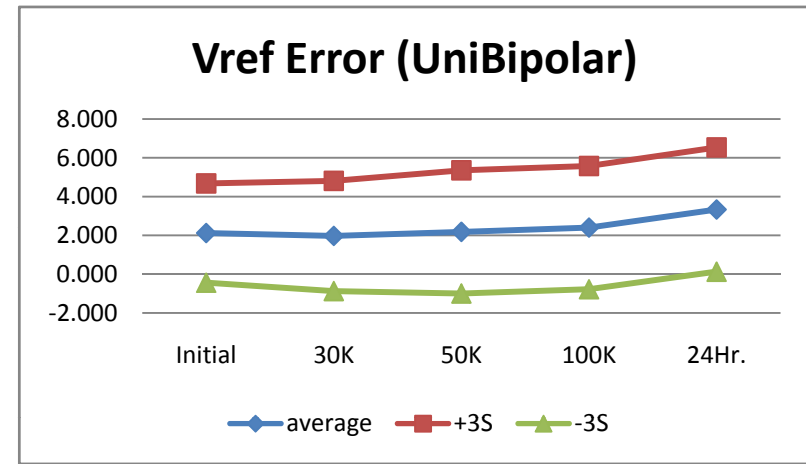
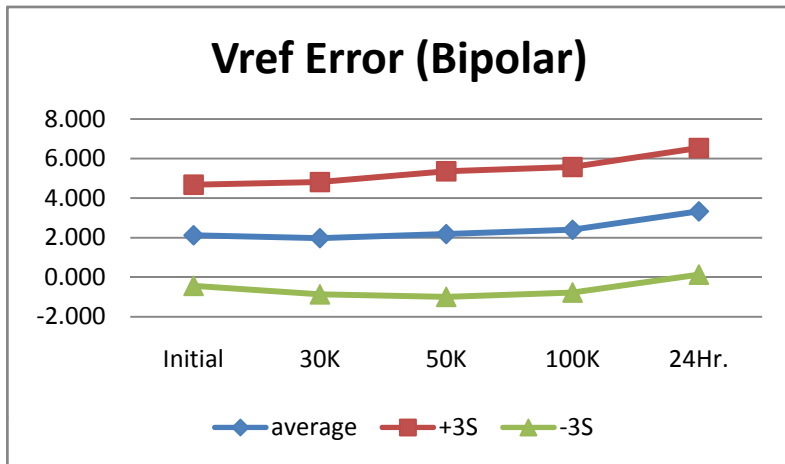
3	ILOGIC				mA
SN	Initial	30K	50K	100K	24Hr.
587	0.349	0.349	0.352	0.349	0.351
573	0.334	0.378	0.4	0.475	0.349
574	0.342	0.396	0.429	0.497	0.365
576	0.342	0.394	0.425	0.496	0.36
577	0.338	0.38	0.41	0.455	0.356
578	0.345	0.389	0.417	0.486	0.36
579	0.331	0.384	0.414	0.485	0.347
580	0.349	0.4	0.435	0.521	0.365
581	0.331	0.378	0.438	0.456	0.348
582	0.342	0.396	0.432	0.507	0.365
583	0.332	0.385	0.417	0.504	0.352
min	0.331	0.378	0.4	0.455	0.347
max	0.349	0.4	0.438	0.521	0.365
stdev	0.006	0.008	0.012	0.021	0.007
average	0.339	0.388	0.422	0.488	0.357
+3S	0.358	0.413	0.458	0.553	0.378
-3S	0.319	0.363	0.385	0.424	0.335

4	Pd				mW
SN	Initial	30K	50K	100K	24Hr.
587	559.671	559.333	558.766	559.138	561.213
573	556.858	571.362	573.423	577.716	552.047
574	562.162	581.198	585.665	591.665	564.987
576	563.333	579.249	582.131	589.523	560.095
577	559.032	571.376	573.874	574.69	554.626
578	567.447	581.162	585.213	589.468	562.62
579	555.674	574.708	580.126	585.561	553.783
580	559.671	577.528	583.567	588.292	555.247
581	557.632	571.362	573.44	575.671	553.807
582	561.394	579.257	583.539	587.627	557.974
583	560.755	577.444	581.903	589.569	558.1
min	555.674	571.362	573.423	574.69	552.047
max	567.447	581.198	585.665	591.665	564.987
stdev	3.455	3.988	4.895	6.413	4.214
average	560.396	576.465	580.288	584.978	557.329
+3S	570.76	588.43	594.974	604.218	569.97
-3S	550.031	564.5	565.602	565.739	544.687



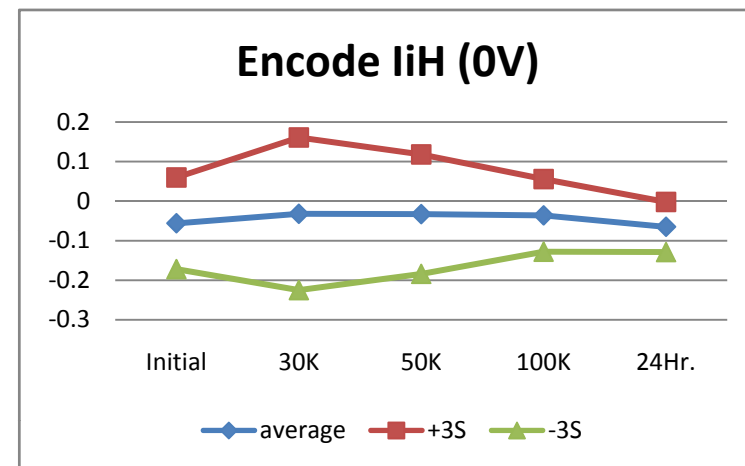
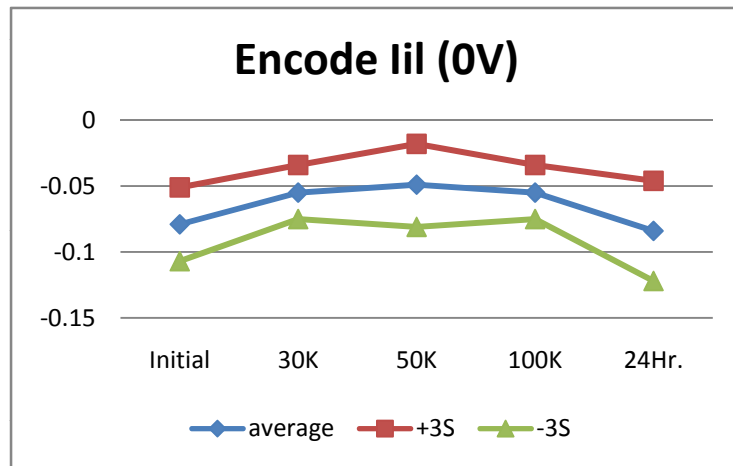
5	Vref err Bip				mV
SN	Initial	30K	50K	100K	24Hr.
587	1.523	1.984	1.335	1.356	1.388
573	2.8	3.303	3.324	3.449	4.466
574	0.979	1.062	1.23	1.272	2.498
576	1.649	1	1.188	1.67	2.854
577	2.57	2.444	2.486	3.366	4.026
578	3.889	3.826	4.391	4.433	5.533
579	1.167	1.397	1.335	1.376	1.953
580	2.214	1.9	2.779	2.696	3.23
581	1.67	1.335	1.418	1.628	2.77
582	1.9	1.628	1.691	1.774	2.623
583	2.382	1.837	1.984	2.34	3.377
min	0.979	1	1.188	1.272	1.953
max	3.889	3.826	4.391	4.433	5.533
stdev	0.853	0.948	1.060	1.059	1.068
average	2.122	1.973	2.183	2.400	3.333
+3S	4.682	4.816	5.362	5.578	6.537
-3S	-0.438	-0.870	-0.997	-0.778	0.129

6	Vref err Uni				mV
SN	Initial	30K	50K	100K	24Hr.
587	0.811	1.188	0.937	0.979	0.613
573	2.256	2.549	2.842	2.8	3.942
574	0.392	0.309	0.539	0.665	1.66
576	1	0.413	0.644	1	2.058
577	2.026	1.711	1.921	2.737	3.607
578	3.491	3.24	3.763	3.973	4.738
579	0.581	0.832	0.79	0.581	1.241
580	1.523	1.251	1.942	2.109	2.414
581	1.104	0.79	0.748	1.209	2.183
582	1.356	1.125	1.083	1.188	1.953
583	1.691	1.167	1.439	1.67	2.519
min	0.392	0.309	0.539	0.581	1.241
max	3.491	3.24	3.763	3.973	4.738
stdev	0.903	0.930	1.062	1.098	1.107
average	1.542	1.339	1.571	1.793	2.632
+3S	4.250	4.127	4.757	5.087	5.953
-3S	-1.166	-1.450	-1.614	-1.501	-0.690



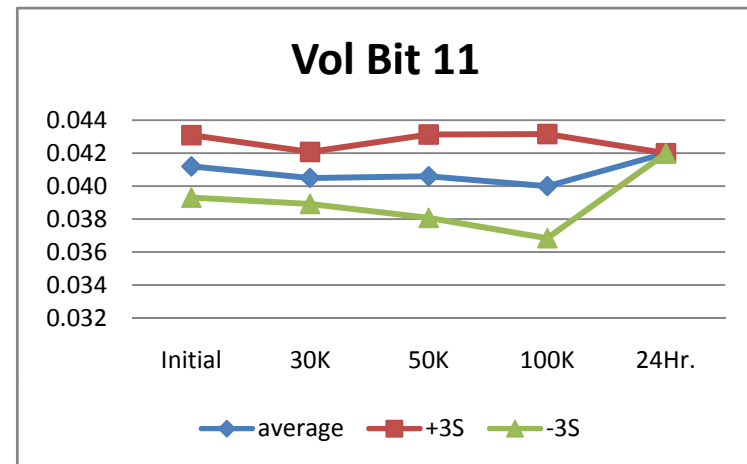
9	Enc liI 0V				uA
SN	Initial	30K	50K	100K	24Hr.
587	-0.073	-0.06	-0.06	-0.06	-0.093
573	-0.087	-0.06	-0.047	-0.06	-0.093
574	-0.073	-0.06	-0.033	-0.06	-0.08
576	-0.073	-0.047	-0.033	-0.06	-0.093
577	-0.06	-0.06	-0.047	-0.047	-0.08
578	-0.073	-0.047	-0.047	-0.06	-0.053
579	-0.087	-0.06	-0.047	-0.047	-0.093
580	-0.087	-0.06	-0.06	-0.047	-0.093
581	-0.073	-0.06	-0.06	-0.06	-0.093
582	-0.087	-0.047	-0.06	-0.047	-0.08
583	-0.087	-0.047	-0.06	-0.06	-0.08
min	-0.087	-0.06	-0.06	-0.06	-0.093
max	-0.06	-0.047	-0.033	-0.047	-0.053
stdev	0.009	0.007	0.011	0.007	0.013
average	-0.079	-0.055	-0.049	-0.055	-0.084
+3S	-0.051	-0.034	-0.018	-0.034	-0.046
-3S	-0.107	-0.075	-0.081	-0.075	-0.122

10	Enc liH 0V				uA
SN	Initial	30K	50K	100K	24Hr.
587	-0.073	0.007	-0.02	-0.113	-0.107
573	-0.007	-0.047	0.06	-0.047	-0.093
574	-0.073	-0.007	0.007	-0.087	-0.027
576	-0.1	0.087	0.033	-0.06	-0.053
577	-0.1	-0.06	-0.06	-0.073	-0.053
578	-0.047	0.007	-0.06	-0.007	-0.08
579	-0.06	0.02	-0.06	-0.047	-0.067
580	-0.087	-0.073	-0.06	-0.007	-0.053
581	-0.047	-0.06	-0.06	-0.02	-0.08
582	-0.06	-0.153	-0.033	-0.007	-0.053
583	0.02	-0.033	-0.1	-0.007	-0.093
min	-0.1	-0.153	-0.1	-0.087	-0.093
max	0.02	0.087	0.06	-0.007	-0.027
stdev	0.039	0.064	0.05	0.031	0.021
average	-0.056	-0.032	-0.033	-0.036	-0.065
+3S	0.06	0.161	0.118	0.056	-0.002
-3S	-0.172	-0.225	-0.184	-0.128	-0.129



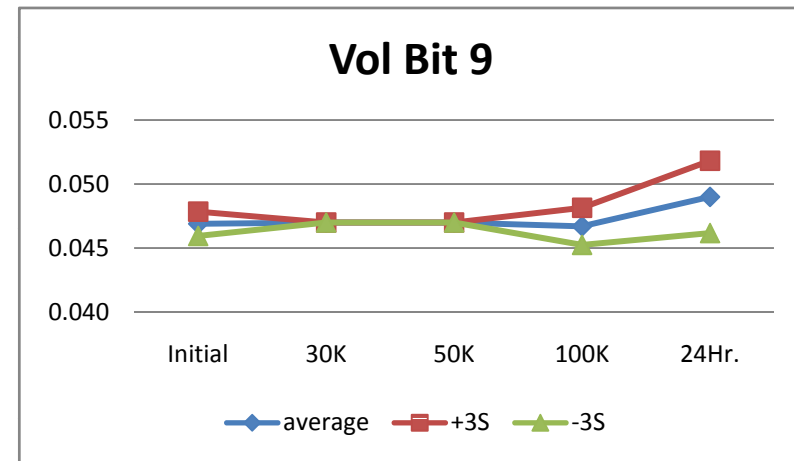
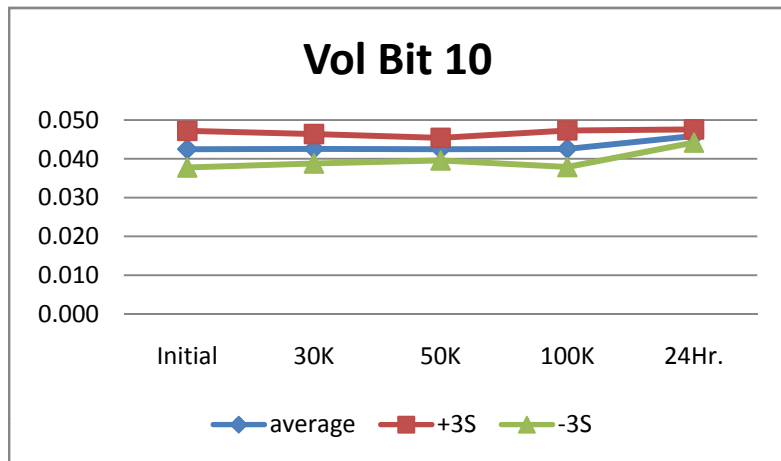
13	Functional Code 0				code
SN	Initial	30K	50K	100K	24Hr.
587	0	0	0	0	0
573	0	0	0	0	0
574	0	0	0	0	0
576	0	0	0	0	0
577	0	0	0	0	0
578	0	0	0	0	0
579	0	0	0	0	0
580	0	0	0	0	0
581	0	0	0	0	0
582	0	0	0	0	0
583	0	0	0	0	0
min	0	0	0	0	0
max	0	0	0	0	0
stdev	0	0	0	0	0
average	0	0	0	0	0
+3S	0	0	0	0	0
-3S	0	0	0	0	0

14	Vol Bit 11				V
SN	Initial	30K	50K	100K	24Hr.
587	0.041	0.04	0.039	0.038	0.042
573	0.04	0.04	0.039	0.039	0.042
574	0.042	0.04	0.04	0.039	0.042
576	0.041	0.041	0.04	0.039	0.042
577	0.041	0.04	0.041	0.04	0.042
578	0.041	0.04	0.04	0.039	0.042
579	0.041	0.041	0.041	0.041	0.042
580	0.041	0.041	0.041	0.041	0.042
581	0.041	0.041	0.041	0.04	0.042
582	0.042	0.041	0.042	0.042	0.042
583	0.042	0.04	0.041	0.04	0.042
min	0.04	0.04	0.039	0.039	0.042
max	0.042	0.041	0.042	0.042	0.042
stdev	0.001	0.001	0.001	0.001	0.000
average	0.041	0.041	0.041	0.040	0.042
+3S	0.043	0.042	0.043	0.043	0.042
-3S	0.039	0.039	0.038	0.037	0.042



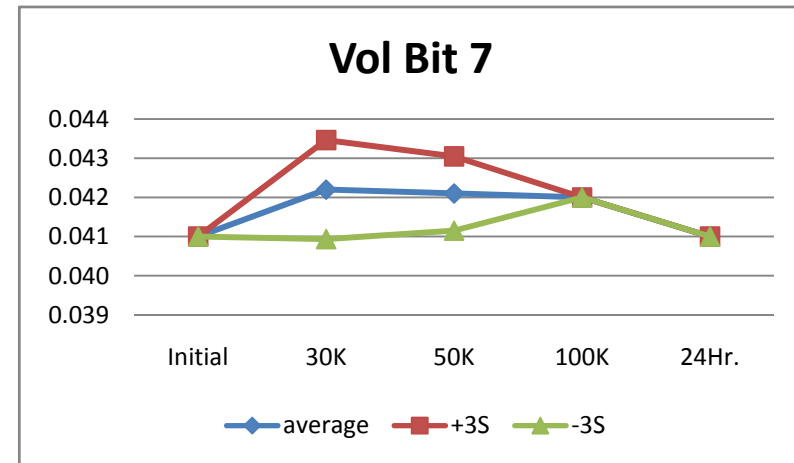
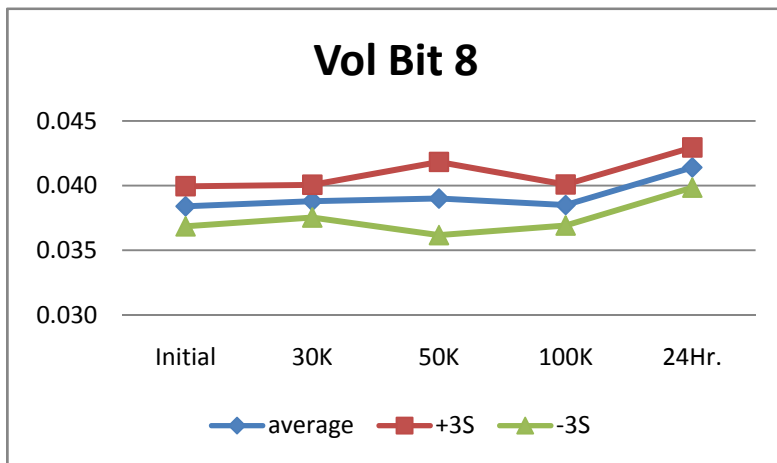
15	Vol Bit 10				V
SN	Initial	30K	50K	100K	24Hr.
587	0.042	0.042	0.042	0.042	0.044
573	0.047	0.046	0.045	0.047	0.045
574	0.042	0.042	0.042	0.042	0.046
576	0.042	0.043	0.042	0.042	0.046
577	0.042	0.042	0.042	0.042	0.047
578	0.042	0.042	0.042	0.042	0.046
579	0.042	0.043	0.043	0.043	0.045
580	0.042	0.042	0.042	0.042	0.046
581	0.042	0.042	0.042	0.042	0.046
582	0.042	0.042	0.042	0.042	0.046
583	0.042	0.042	0.043	0.042	0.046
min	0.042	0.042	0.042	0.042	0.045
max	0.047	0.046	0.045	0.047	0.047
stdev	0.002	0.001	0.001	0.002	0.001
average	0.043	0.043	0.043	0.043	0.046
+3S	0.047	0.046	0.045	0.047	0.048
-3S	0.038	0.039	0.040	0.038	0.044

16	Vol Bit 9				V
SN	Initial	30K	50K	100K	24Hr.
587	0.042	0.042	0.042	0.042	0.048
573	0.047	0.047	0.047	0.046	0.047
574	0.047	0.047	0.047	0.046	0.05
576	0.046	0.047	0.047	0.047	0.049
577	0.047	0.047	0.047	0.047	0.05
578	0.047	0.047	0.047	0.047	0.048
579	0.047	0.047	0.047	0.047	0.049
580	0.047	0.047	0.047	0.047	0.049
581	0.047	0.047	0.047	0.047	0.049
582	0.047	0.047	0.047	0.046	0.049
583	0.047	0.047	0.047	0.047	0.05
min	0.046	0.047	0.047	0.046	0.047
max	0.047	0.047	0.047	0.047	0.05
stdev	0.000	0.000	0.000	0.000	0.001
average	0.047	0.047	0.047	0.047	0.049
+3S	0.048	0.047	0.047	0.048	0.052
-3S	0.046	0.047	0.047	0.045	0.046



17	Vol Bit 8				V
SN	Initial	30K	50K	100K	24Hr.
587	0.038	0.038	0.038	0.038	0.041
573	0.038	0.039	0.038	0.039	0.041
574	0.038	0.039	0.039	0.038	0.042
576	0.038	0.039	0.039	0.038	0.041
577	0.039	0.039	0.038	0.038	0.041
578	0.039	0.038	0.04	0.038	0.042
579	0.038	0.039	0.039	0.039	0.041
580	0.038	0.038	0.041	0.038	0.041
581	0.038	0.039	0.038	0.039	0.042
582	0.039	0.039	0.039	0.039	0.042
583	0.039	0.039	0.039	0.039	0.041
min	0.038	0.038	0.038	0.038	0.041
max	0.039	0.039	0.041	0.039	0.042
stdev	0.001	0.000	0.001	0.001	0.001
average	0.038	0.039	0.039	0.039	0.041
+3S	0.040	0.040	0.042	0.040	0.043
-3S	0.037	0.038	0.036	0.037	0.040

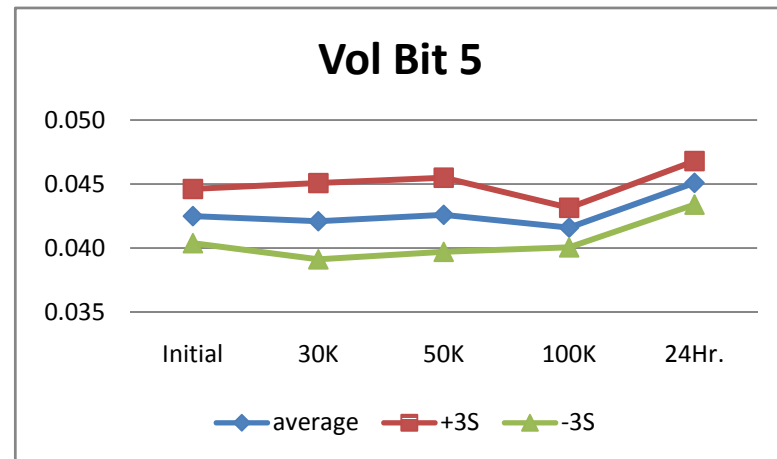
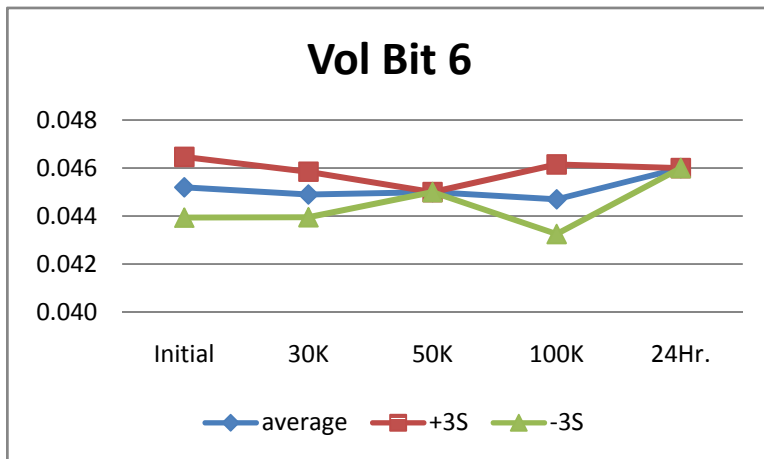
18	Vol Bit 7				V
SN	Initial	30K	50K	100K	24Hr.
587	0.041	0.043	0.042	0.045	0.041
573	0.041	0.042	0.042	0.042	0.041
574	0.041	0.042	0.042	0.042	0.041
576	0.041	0.042	0.042	0.042	0.041
577	0.041	0.042	0.042	0.042	0.041
578	0.041	0.042	0.042	0.042	0.041
579	0.041	0.042	0.042	0.042	0.041
580	0.041	0.043	0.043	0.042	0.041
581	0.041	0.042	0.042	0.042	0.041
582	0.041	0.043	0.042	0.042	0.041
583	0.041	0.042	0.042	0.042	0.041
min	0.041	0.042	0.042	0.042	0.041
max	0.041	0.043	0.043	0.042	0.041
stdev	0.000	0.000	0.000	0.000	0.000
average	0.041	0.042	0.042	0.042	0.041
+3S	0.041	0.043	0.043	0.042	0.041
-3S	0.041	0.041	0.041	0.042	0.041





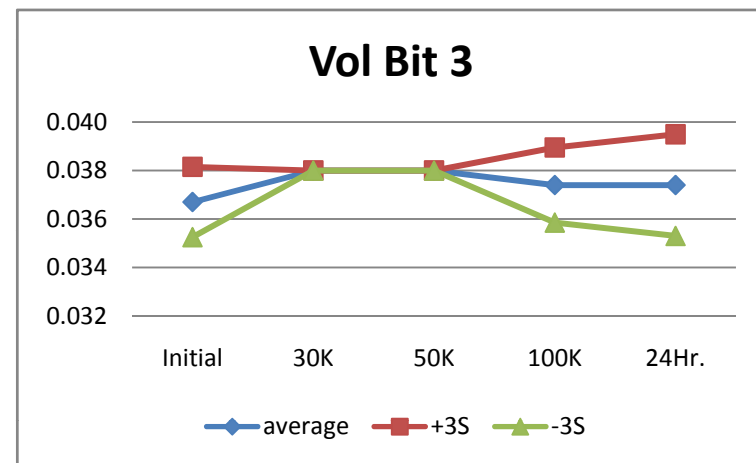
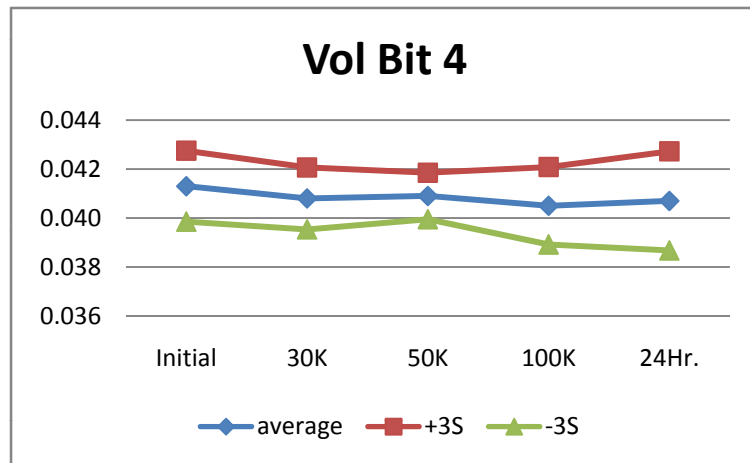
19	Vol Bit 6				V
SN	Initial	30K	50K	100K	24Hr.
587	0.045	0.045	0.045	0.045	0.046
573	0.045	0.045	0.045	0.044	0.046
574	0.045	0.045	0.045	0.045	0.046
576	0.045	0.045	0.045	0.045	0.046
577	0.045	0.044	0.045	0.045	0.046
578	0.045	0.045	0.045	0.045	0.046
579	0.045	0.045	0.045	0.045	0.046
580	0.045	0.045	0.045	0.044	0.046
581	0.045	0.045	0.045	0.045	0.046
582	0.046	0.045	0.045	0.045	0.046
583	0.046	0.045	0.045	0.044	0.046
min	0.045	0.044	0.045	0.044	0.046
max	0.046	0.045	0.045	0.045	0.046
stdev	0.000	0.000	0.000	0.000	0.000
average	0.045	0.045	0.045	0.045	0.046
+3S	0.046	0.046	0.045	0.046	0.046
-3S	0.044	0.044	0.045	0.043	0.046

20	Vol Bit 5				V
SN	Initial	30K	50K	100K	24Hr.
587	0.042	0.042	0.042	0.042	0.043
573	0.042	0.043	0.041	0.041	0.045
574	0.042	0.041	0.042	0.042	0.045
576	0.042	0.042	0.043	0.041	0.045
577	0.042	0.042	0.044	0.042	0.045
578	0.043	0.042	0.042	0.042	0.045
579	0.042	0.041	0.042	0.042	0.044
580	0.042	0.042	0.042	0.041	0.045
581	0.044	0.044	0.044	0.042	0.045
582	0.043	0.043	0.043	0.042	0.046
583	0.043	0.041	0.043	0.041	0.046
min	0.042	0.041	0.041	0.041	0.044
max	0.044	0.044	0.044	0.042	0.046
stdev	0.001	0.001	0.001	0.001	0.001
average	0.043	0.042	0.043	0.042	0.045
+3S	0.045	0.045	0.045	0.043	0.047
-3S	0.040	0.039	0.040	0.040	0.043



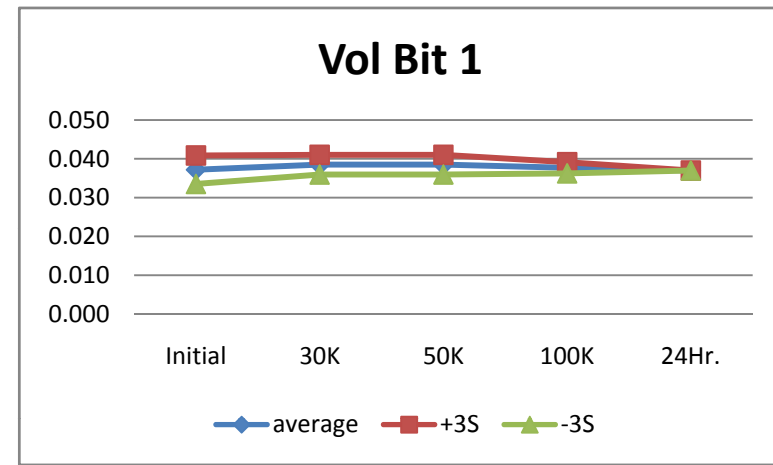
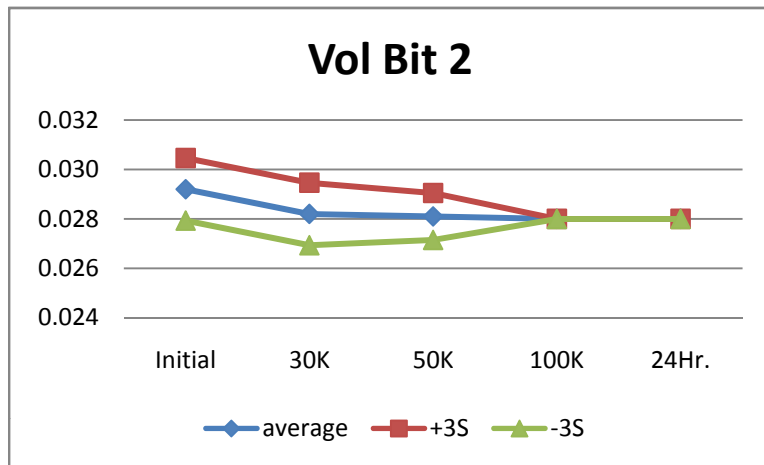
21	Vol Bit 4				V
SN	Initial	30K	50K	100K	24Hr.
587	0.041	0.038	0.039	0.038	0.04
573	0.041	0.04	0.04	0.04	0.04
574	0.041	0.041	0.041	0.04	0.04
576	0.042	0.041	0.041	0.04	0.041
577	0.041	0.04	0.041	0.041	0.041
578	0.042	0.041	0.041	0.041	0.041
579	0.041	0.041	0.041	0.041	0.041
580	0.041	0.041	0.041	0.041	0.04
581	0.041	0.041	0.041	0.04	0.042
582	0.041	0.041	0.041	0.04	0.04
583	0.042	0.041	0.041	0.041	0.041
min	0.041	0.04	0.04	0.04	0.04
max	0.042	0.041	0.041	0.041	0.042
stdev	0.000	0.000	0.000	0.001	0.001
average	0.041	0.041	0.041	0.041	0.041
+3S	0.043	0.042	0.042	0.042	0.043
-3S	0.040	0.040	0.040	0.039	0.039

22	Vol Bit 3				V
SN	Initial	30K	50K	100K	24Hr.
587	0.037	0.038	0.038	0.037	0.037
573	0.036	0.038	0.038	0.037	0.037
574	0.037	0.038	0.038	0.037	0.037
576	0.037	0.038	0.038	0.037	0.037
577	0.037	0.038	0.038	0.038	0.038
578	0.037	0.038	0.038	0.037	0.038
579	0.036	0.038	0.038	0.038	0.036
580	0.037	0.038	0.038	0.037	0.037
581	0.036	0.038	0.038	0.038	0.038
582	0.037	0.038	0.038	0.037	0.038
583	0.037	0.038	0.038	0.038	0.038
min	0.036	0.038	0.038	0.037	0.036
max	0.037	0.038	0.038	0.038	0.038
stdev	0.000	0.000	0.000	0.001	0.001
average	0.037	0.038	0.038	0.037	0.037
+3S	0.038	0.038	0.038	0.039	0.039
-3S	0.035	0.038	0.038	0.036	0.035



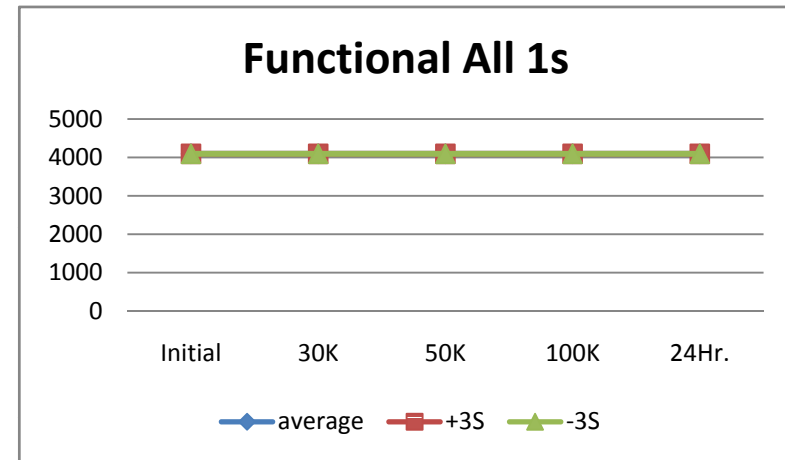
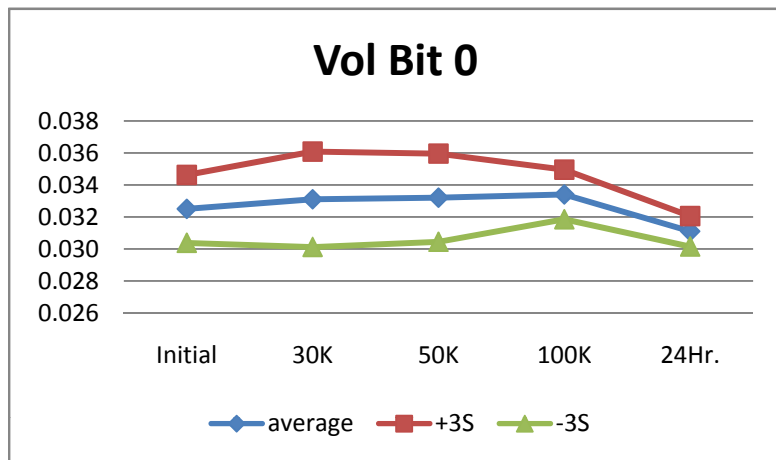
23	Vol Bit 2				V
SN	Initial	30K	50K	100K	24Hr.
587	0.029	0.028	0.028	0.028	0.028
573	0.029	0.028	0.028	0.028	0.028
574	0.029	0.028	0.028	0.028	0.028
576	0.029	0.028	0.028	0.028	0.028
577	0.029	0.028	0.028	0.028	0.028
578	0.03	0.028	0.028	0.028	0.028
579	0.029	0.028	0.028	0.028	0.028
580	0.029	0.028	0.029	0.028	0.028
581	0.029	0.028	0.028	0.028	0.028
582	0.03	0.029	0.028	0.028	0.028
583	0.029	0.029	0.028	0.028	0.028
min	0.029	0.028	0.028	0.028	0.028
max	0.03	0.029	0.029	0.028	0.028
stdev	0.000	0.000	0.000	0.000	0.000
average	0.029	0.028	0.028	0.028	0.028
+3S	0.030	0.029	0.029	0.028	0.028
-3S	0.028	0.027	0.027	0.028	0.028

24	Vol Bit 1				V
SN	Initial	30K	50K	100K	24Hr.
587	0.037	0.038	0.037	0.037	0.037
573	0.036	0.039	0.038	0.037	0.037
574	0.037	0.038	0.038	0.038	0.037
576	0.037	0.037	0.039	0.038	0.037
577	0.038	0.039	0.038	0.037	0.037
578	0.037	0.039	0.037	0.037	0.037
579	0.036	0.039	0.039	0.038	0.037
580	0.036	0.039	0.04	0.038	0.037
581	0.038	0.039	0.039	0.038	0.037
582	0.037	0.039	0.039	0.038	0.037
583	0.04	0.037	0.038	0.038	0.037
min	0.036	0.037	0.037	0.037	0.031
max	0.04	0.039	0.04	0.038	0.032
stdev	0.001	0.001	0.001	0.000	0.000
average	0.037	0.039	0.039	0.038	0.037
+3S	0.041	0.041	0.041	0.039	0.037
-3S	0.034	0.036	0.036	0.036	0.037



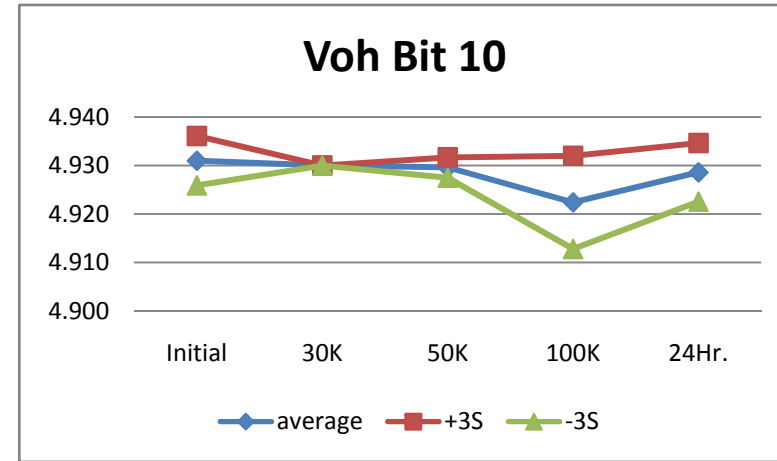
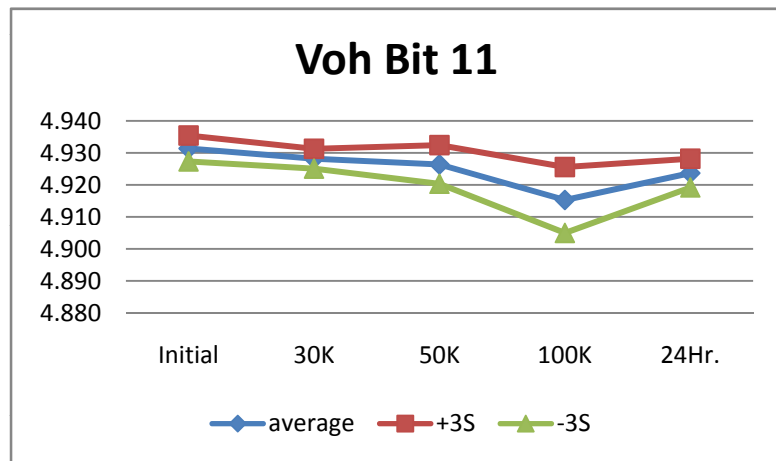
25	Vol Bit 0				V
SN	Initial	30K	50K	100K	24Hr.
587	0.032	0.033	0.034	0.033	0.032
573	0.032	0.033	0.033	0.033	0.031
574	0.032	0.033	0.033	0.034	0.031
576	0.032	0.032	0.032	0.033	0.031
577	0.033	0.032	0.035	0.033	0.031
578	0.033	0.033	0.032	0.034	0.031
579	0.032	0.033	0.033	0.033	0.031
580	0.032	0.035	0.034	0.033	0.032
581	0.034	0.034	0.034	0.034	0.031
582	0.032	0.032	0.033	0.034	0.031
583	0.033	0.034	0.033	0.033	0.031
min	0.032	0.032	0.032	0.033	0.031
max	0.034	0.035	0.035	0.034	0.032
stdev	0.001	0.001	0.001	0.001	0.000
average	0.033	0.033	0.033	0.033	0.031
+3S	0.035	0.036	0.036	0.035	0.032
-3S	0.030	0.030	0.030	0.032	0.030

26	Functional Code All 1s				code
SN	Initial	30K	50K	100K	24Hr.
587	4095	4095	4095	4095	4095
573	4095	4095	4095	4095	4095
574	4095	4095	4095	4095	4095
576	4095	4095	4095	4095	4095
577	4095	4095	4095	4095	4095
578	4095	4095	4095	4095	4095
579	4095	4095	4095	4095	4095
580	4095	4095	4095	4095	4095
581	4095	4095	4095	4095	4095
582	4095	4095	4095	4095	4095
583	4095	4095	4095	4095	4095
min	4095	4095	4095	4095	4095
max	4095	4095	4095	4095	4095
stdev	0	0	0	0	0
average	4095	4095	4095	4095	4095
+3S	4095	4095	4095	4095	4095
-3S	4095	4095	4095	4095	4095



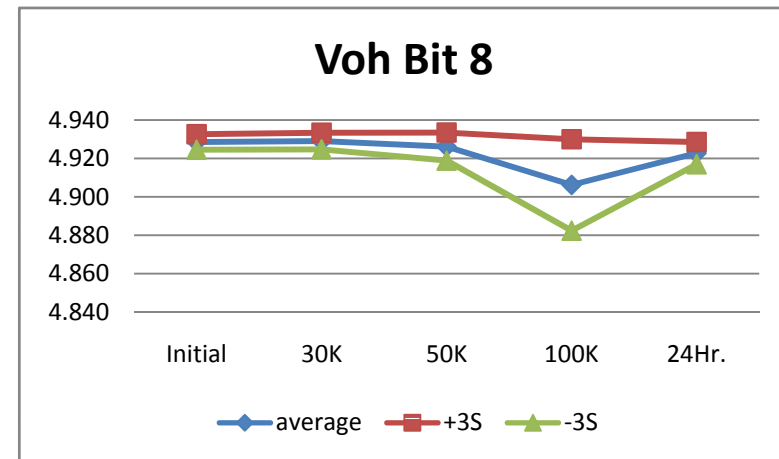
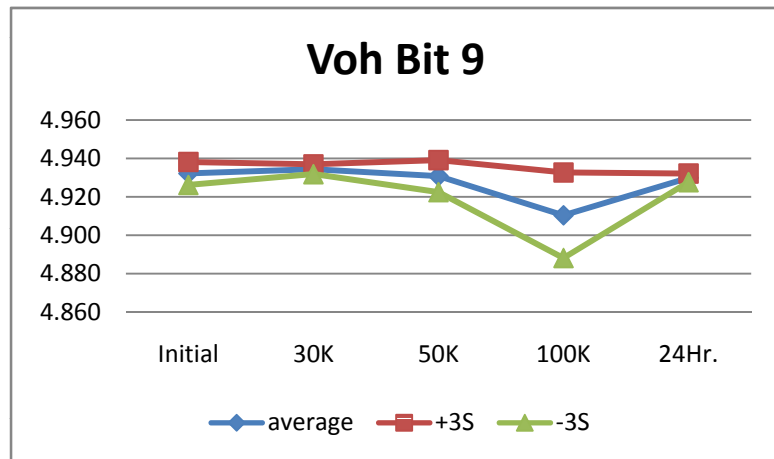
27	Voh Bit 11				V
SN	Initial	30K	50K	100K	24Hr.
587	4.92	4.915	4.917	4.918	4.913
573	4.932	4.927	4.925	4.916	4.926
574	4.933	4.928	4.927	4.915	4.923
576	4.93	4.927	4.925	4.911	4.922
577	4.932	4.93	4.929	4.922	4.926
578	4.931	4.928	4.928	4.917	4.923
579	4.93	4.927	4.924	4.915	4.923
580	4.933	4.928	4.926	4.914	4.925
581	4.933	4.929	4.93	4.919	4.924
582	4.93	4.929	4.925	4.913	4.923
583	4.93	4.929	4.925	4.911	4.922
min	4.93	4.927	4.924	4.911	4.922
max	4.933	4.93	4.93	4.922	4.926
stdev	0.001	0.001	0.002	0.003	0.001
average	4.931	4.928	4.926	4.915	4.924
+3S	4.935	4.931	4.932	4.926	4.928
-3S	4.927	4.925	4.920	4.905	4.919

28	Voh Bit 10				V
SN	Initial	30K	50K	100K	24Hr.
587	4.929	4.93	4.896	4.93	4.931
573	4.932	4.93	4.93	4.925	4.931
574	4.93	4.93	4.929	4.923	4.93
576	4.93	4.93	4.93	4.921	4.927
577	4.934	4.93	4.93	4.928	4.929
578	4.933	4.93	4.93	4.924	4.93
579	4.931	4.93	4.93	4.921	4.925
580	4.93	4.93	4.93	4.92	4.931
581	4.929	4.93	4.929	4.925	4.927
582	4.932	4.93	4.928	4.92	4.929
583	4.929	4.93	4.93	4.917	4.927
min	4.929	4.93	4.928	4.917	4.925
max	4.934	4.93	4.93	4.928	4.931
stdev	0.002	0.000	0.001	0.003	0.002
average	4.931	4.930	4.930	4.922	4.929
+3S	4.936	4.930	4.932	4.932	4.935
-3S	4.926	4.930	4.928	4.913	4.923



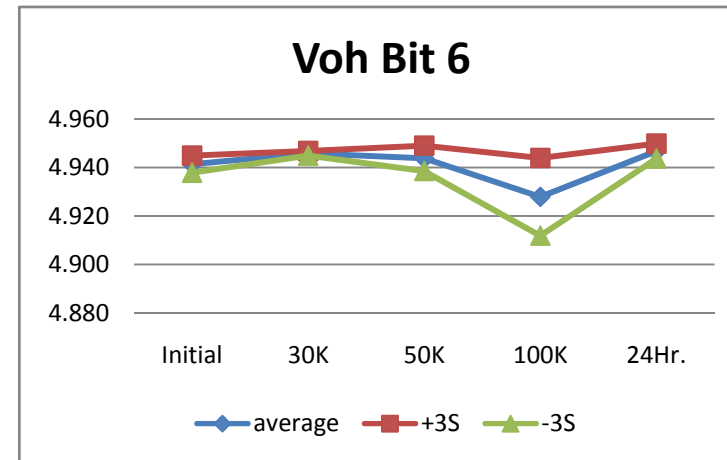
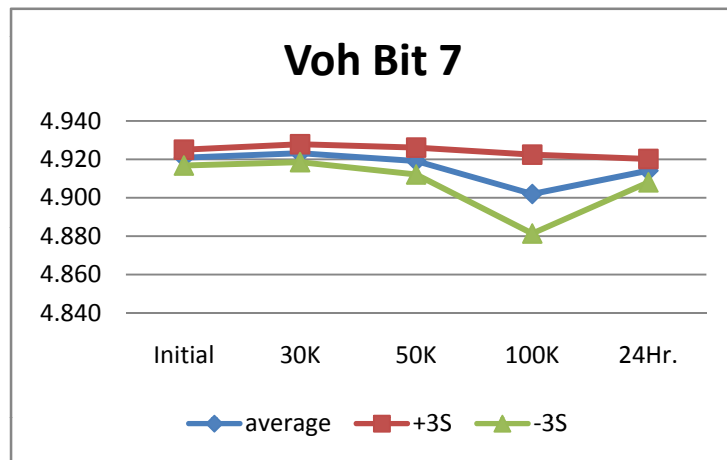
29	Voh Bit 9				V
SN	Initial	30K	50K	100K	24Hr.
587	4.931	4.932	4.882	4.932	4.933
573	4.934	4.933	4.935	4.913	4.931
574	4.934	4.935	4.93	4.908	4.93
576	4.93	4.933	4.93	4.912	4.93
577	4.934	4.935	4.935	4.922	4.93
578	4.931	4.935	4.932	4.912	4.93
579	4.931	4.934	4.93	4.904	4.928
580	4.93	4.935	4.93	4.908	4.93
581	4.935	4.935	4.932	4.922	4.93
582	4.93	4.935	4.927	4.903	4.93
583	4.933	4.934	4.927	4.9	4.93
min	4.93	4.933	4.927	4.9	4.928
max	4.935	4.935	4.935	4.922	4.931
stdev	0.002	0.001	0.003	0.007	0.001
average	4.932	4.934	4.931	4.910	4.930
+3S	4.938	4.937	4.939	4.933	4.932
-3S	4.926	4.932	4.922	4.888	4.928

30	Voh Bit 8				V
SN	Initial	30K	50K	100K	24Hr.
587	4.929	4.93	4.875	4.929	4.929
573	4.929	4.927	4.929	4.912	4.925
574	4.929	4.93	4.925	4.899	4.921
576	4.929	4.93	4.928	4.908	4.925
577	4.93	4.93	4.929	4.919	4.922
578	4.929	4.93	4.929	4.908	4.925
579	4.928	4.926	4.925	4.899	4.921
580	4.929	4.929	4.924	4.904	4.921
581	4.929	4.929	4.926	4.917	4.925
582	4.929	4.93	4.925	4.899	4.921
583	4.925	4.93	4.922	4.897	4.922
min	4.925	4.926	4.922	4.897	4.921
max	4.93	4.93	4.929	4.919	4.925
stdev	0.001	0.001	0.002	0.008	0.002
average	4.929	4.929	4.926	4.906	4.923
+3S	4.933	4.933	4.934	4.930	4.929
-3S	4.925	4.925	4.919	4.882	4.917



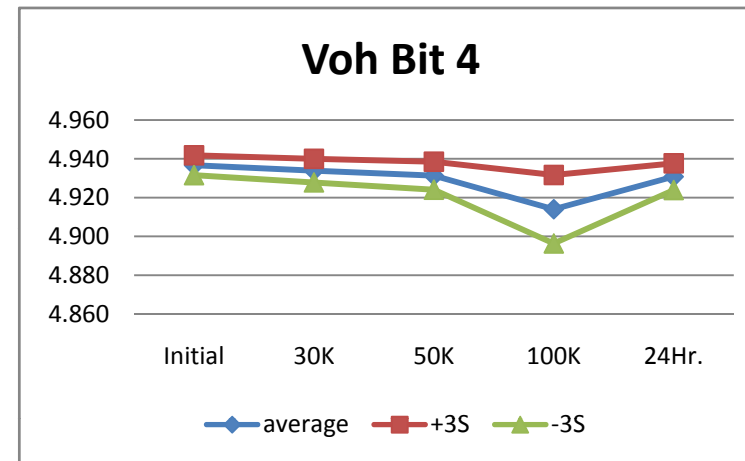
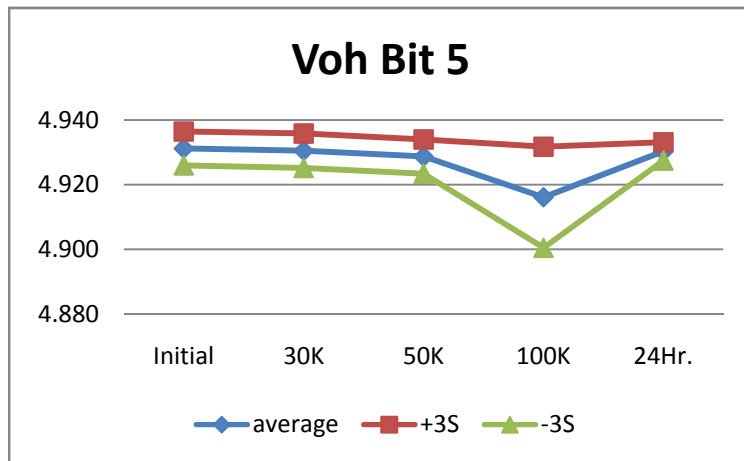
31	Voh Bit 7				V
SN	Initial	30K	50K	100K	24Hr.
587	4.923	4.925	4.876	4.926	4.923
573	4.919	4.922	4.92	4.908	4.918
574	4.921	4.922	4.919	4.898	4.912
576	4.92	4.921	4.921	4.903	4.913
577	4.924	4.925	4.921	4.913	4.916
578	4.922	4.926	4.923	4.9	4.913
579	4.921	4.923	4.917	4.895	4.915
580	4.921	4.922	4.92	4.899	4.912
581	4.92	4.924	4.918	4.912	4.915
582	4.92	4.923	4.916	4.896	4.915
583	4.921	4.924	4.916	4.895	4.912
min	4.919	4.921	4.916	4.895	4.912
max	4.924	4.926	4.923	4.913	4.918
stdev	0.001	0.002	0.002	0.007	0.002
average	4.921	4.923	4.919	4.902	4.914
+3S	4.925	4.928	4.926	4.922	4.920
-3S	4.917	4.919	4.912	4.881	4.908

32	Voh Bit 6				V
SN	Initial	30K	50K	100K	24Hr.
587	4.941	4.944	4.903	4.941	4.95
573	4.942	4.946	4.944	4.933	4.947
574	4.942	4.946	4.942	4.924	4.947
576	4.942	4.946	4.945	4.928	4.947
577	4.941	4.946	4.947	4.937	4.947
578	4.941	4.945	4.946	4.928	4.944
579	4.94	4.946	4.942	4.924	4.947
580	4.939	4.946	4.943	4.925	4.947
581	4.942	4.946	4.944	4.935	4.947
582	4.943	4.946	4.943	4.923	4.948
583	4.942	4.946	4.942	4.922	4.947
min	4.939	4.945	4.942	4.922	4.944
max	4.943	4.946	4.947	4.937	4.948
stdev	0.001	0.000	0.002	0.005	0.001
average	4.941	4.946	4.944	4.928	4.947
+3S	4.945	4.947	4.949	4.944	4.950
-3S	4.938	4.945	4.939	4.912	4.944



33	Voh Bit 5				V
SN	Initial	30K	50K	100K	24Hr.
587	4.929	4.93	4.904	4.93	4.936
573	4.933	4.93	4.93	4.92	4.93
574	4.932	4.931	4.928	4.912	4.932
576	4.932	4.932	4.93	4.915	4.93
577	4.933	4.932	4.932	4.924	4.93
578	4.93	4.933	4.928	4.919	4.93
579	4.929	4.928	4.928	4.913	4.929
580	4.929	4.93	4.927	4.912	4.93
581	4.933	4.928	4.93	4.924	4.932
582	4.929	4.929	4.928	4.911	4.93
583	4.932	4.932	4.926	4.911	4.93
min	4.929	4.928	4.926	4.911	4.929
max	4.933	4.933	4.932	4.924	4.932
stdev	0.002	0.002	0.002	0.005	0.001
average	4.931	4.931	4.929	4.916	4.930
+3S	4.936	4.936	4.934	4.932	4.933
-3S	4.926	4.925	4.923	4.900	4.927

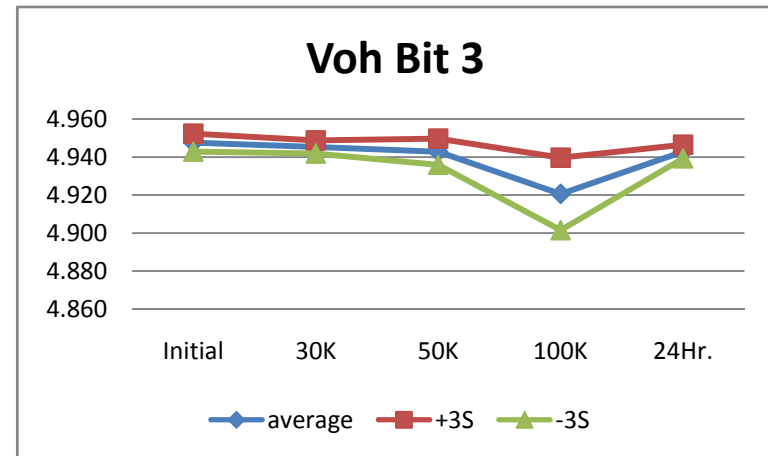
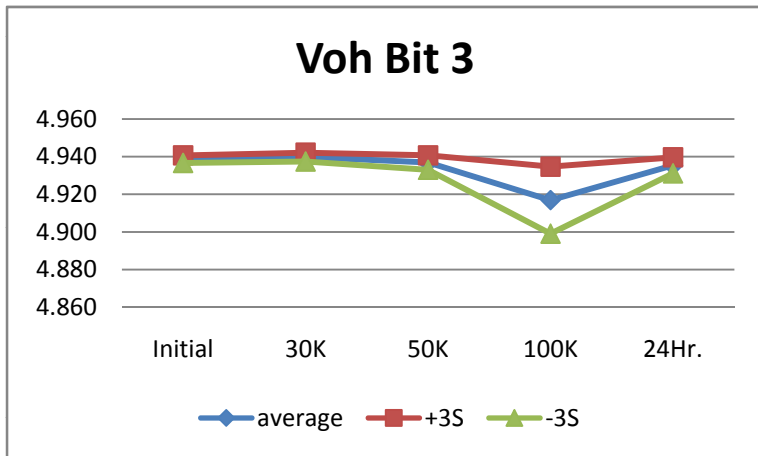
34	Voh Bit 4				V
SN	Initial	30K	50K	100K	24Hr.
587	4.938	4.928	4.921	4.931	4.937
573	4.937	4.93	4.934	4.92	4.928
574	4.938	4.936	4.931	4.911	4.928
576	4.938	4.933	4.93	4.912	4.934
577	4.938	4.936	4.934	4.925	4.932
578	4.937	4.933	4.933	4.915	4.932
579	4.934	4.933	4.928	4.91	4.927
580	4.935	4.934	4.928	4.911	4.932
581	4.938	4.937	4.933	4.92	4.932
582	4.938	4.934	4.929	4.906	4.932
583	4.934	4.933	4.933	4.91	4.931
min	4.934	4.93	4.928	4.906	4.927
max	4.938	4.937	4.934	4.925	4.934
stdev	0.002	0.002	0.002	0.006	0.002
average	4.937	4.934	4.931	4.914	4.931
+3S	4.942	4.940	4.939	4.932	4.938
-3S	4.932	4.928	4.924	4.896	4.924





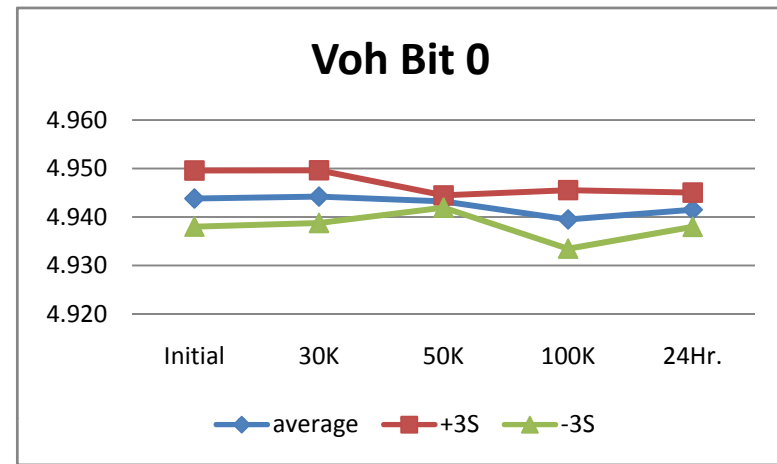
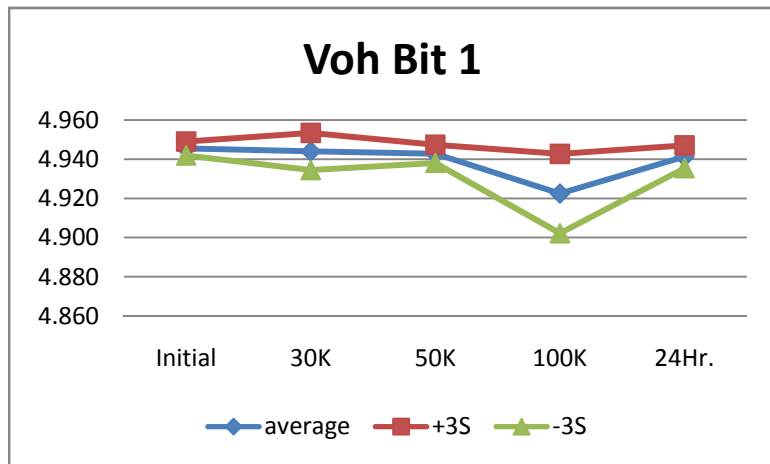
35	Voh Bit 3				V
SN	Initial	30K	50K	100K	24Hr.
587	4.935	4.939	4.941	4.94	4.942
573	4.939	4.94	4.938	4.92	4.936
574	4.939	4.94	4.937	4.915	4.936
576	4.939	4.94	4.936	4.918	4.937
577	4.939	4.94	4.939	4.929	4.935
578	4.939	4.94	4.936	4.917	4.936
579	4.939	4.938	4.936	4.914	4.936
580	4.939	4.94	4.936	4.912	4.932
581	4.937	4.939	4.939	4.923	4.936
582	4.938	4.941	4.936	4.909	4.936
583	4.939	4.94	4.936	4.912	4.934
min	4.937	4.938	4.936	4.909	4.932
max	4.939	4.941	4.939	4.929	4.937
stdev	0.001	0.001	0.001	0.006	0.001
average	4.939	4.940	4.937	4.917	4.935
+3S	4.941	4.942	4.941	4.935	4.940
-3S	4.937	4.937	4.933	4.899	4.931

36	Voh Bit 2				V
SN	Initial	30K	50K	100K	24Hr.
587	4.949	4.943	4.958	4.943	4.949
573	4.949	4.946	4.947	4.925	4.943
574	4.947	4.944	4.94	4.917	4.944
576	4.947	4.945	4.943	4.921	4.943
577	4.949	4.946	4.946	4.932	4.943
578	4.949	4.947	4.943	4.921	4.944
579	4.949	4.944	4.94	4.917	4.94
580	4.946	4.945	4.943	4.917	4.944
581	4.949	4.945	4.943	4.929	4.943
582	4.946	4.947	4.941	4.915	4.943
583	4.945	4.944	4.942	4.912	4.942
min	4.945	4.944	4.94	4.912	4.94
max	4.949	4.947	4.947	4.932	4.944
stdev	0.002	0.001	0.002	0.006	0.001
average	4.948	4.945	4.943	4.921	4.943
+3S	4.952	4.949	4.950	4.940	4.946
-3S	4.943	4.942	4.936	4.902	4.939



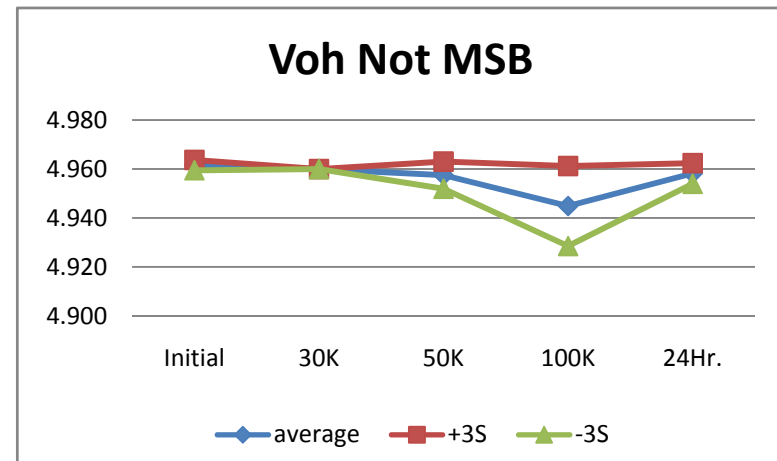
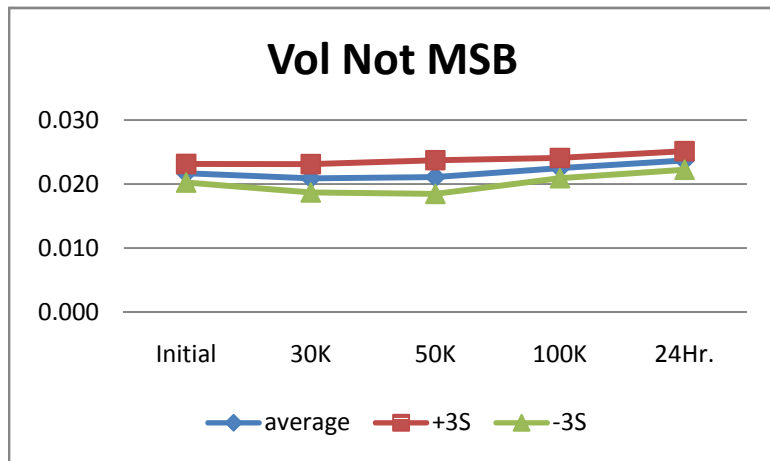
37	Voh Bit 1				V
SN	Initial	30K	50K	100K	24Hr.
587	4.947	4.944	4.966	4.944	4.947
573	4.946	4.945	4.944	4.928	4.939
574	4.946	4.945	4.94	4.917	4.942
576	4.946	4.939	4.943	4.922	4.941
577	4.947	4.948	4.944	4.932	4.943
578	4.946	4.947	4.945	4.926	4.94
579	4.943	4.946	4.941	4.918	4.939
580	4.944	4.945	4.942	4.917	4.943
581	4.946	4.94	4.944	4.933	4.944
582	4.945	4.945	4.943	4.917	4.943
583	4.946	4.94	4.942	4.915	4.939
min	4.943	4.939	4.94	4.915	4.939
max	4.947	4.948	4.945	4.933	4.944
stdev	0.001	0.003	0.002	0.007	0.002
average	4.946	4.944	4.943	4.923	4.941
+3S	4.949	4.953	4.947	4.943	4.947
-3S	4.942	4.935	4.938	4.902	4.935

38	Voh Bit 0				V
SN	Initial	30K	50K	100K	24Hr.
587	4.947	4.943	4.969	4.943	4.942
573	4.947	4.947	4.943	4.943	4.942
574	4.943	4.944	4.943	4.938	4.94
576	4.947	4.943	4.943	4.939	4.942
577	4.943	4.948	4.944	4.943	4.943
578	4.942	4.944	4.944	4.939	4.941
579	4.945	4.943	4.943	4.939	4.942
580	4.944	4.944	4.943	4.939	4.942
581	4.942	4.943	4.943	4.94	4.942
582	4.943	4.943	4.943	4.938	4.939
583	4.942	4.943	4.943	4.937	4.942
min	4.942	4.943	4.943	4.937	4.939
max	4.947	4.948	4.944	4.943	4.943
stdev	0.002	0.002	0.000	0.002	0.001
average	4.944	4.944	4.943	4.940	4.942
+3S	4.950	4.950	4.944	4.946	4.945
-3S	4.938	4.939	4.942	4.933	4.938



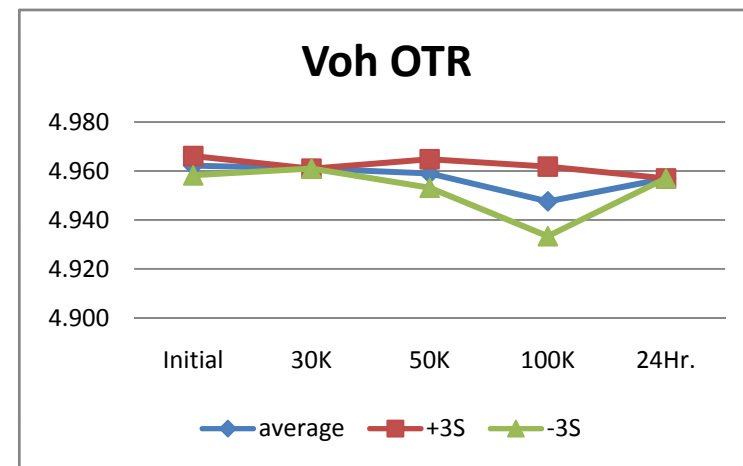
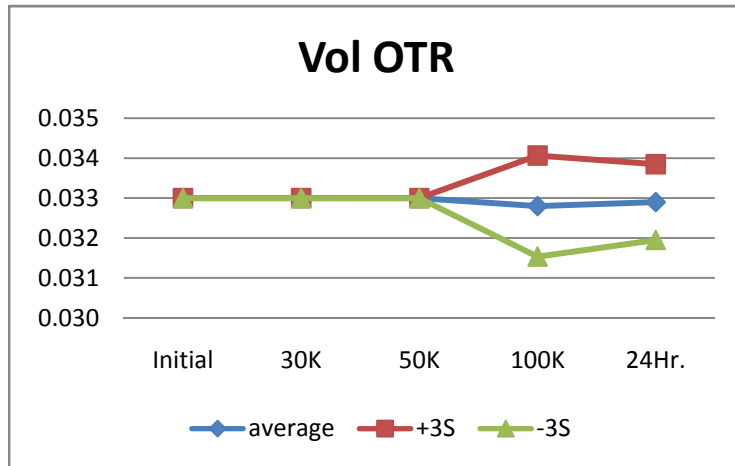
39	Vol MSB NOT				V
SN	Initial	30K	50K	100K	24Hr.
587	0.022	0.02	0.021	0.02	0.024
573	0.022	0.02	0.021	0.022	0.023
574	0.021	0.02	0.022	0.023	0.024
576	0.021	0.021	0.02	0.023	0.023
577	0.022	0.021	0.02	0.022	0.024
578	0.022	0.021	0.021	0.022	0.024
579	0.021	0.022	0.02	0.023	0.024
580	0.022	0.02	0.022	0.022	0.024
581	0.022	0.021	0.022	0.022	0.024
582	0.022	0.022	0.021	0.023	0.024
583	0.022	0.021	0.022	0.023	0.023
min	0.021	0.02	0.02	0.022	0.023
max	0.022	0.022	0.022	0.023	0.024
stdev	0.000	0.001	0.001	0.001	0.000
average	0.022	0.021	0.021	0.023	0.024
+3S	0.023	0.023	0.024	0.024	0.025
-3S	0.020	0.019	0.018	0.021	0.022

40	Voh MSB NOT				V
SN	Initial	30K	50K	100K	24Hr.
587	4.961	4.96	4.96	4.961	4.963
573	4.963	4.96	4.96	4.951	4.961
574	4.962	4.96	4.958	4.942	4.958
576	4.961	4.96	4.957	4.942	4.959
577	4.962	4.96	4.96	4.954	4.958
578	4.962	4.96	4.958	4.947	4.96
579	4.961	4.96	4.957	4.942	4.958
580	4.961	4.96	4.956	4.942	4.957
581	4.962	4.96	4.959	4.951	4.957
582	4.961	4.96	4.955	4.938	4.957
583	4.961	4.96	4.955	4.94	4.957
min	4.961	4.96	4.955	4.938	4.957
max	4.963	4.96	4.96	4.954	4.961
stdev	0.001	0.000	0.002	0.005	0.001
average	4.962	4.960	4.958	4.945	4.958
+3S	4.964	4.960	4.963	4.961	4.962
-3S	4.960	4.960	4.952	4.929	4.954



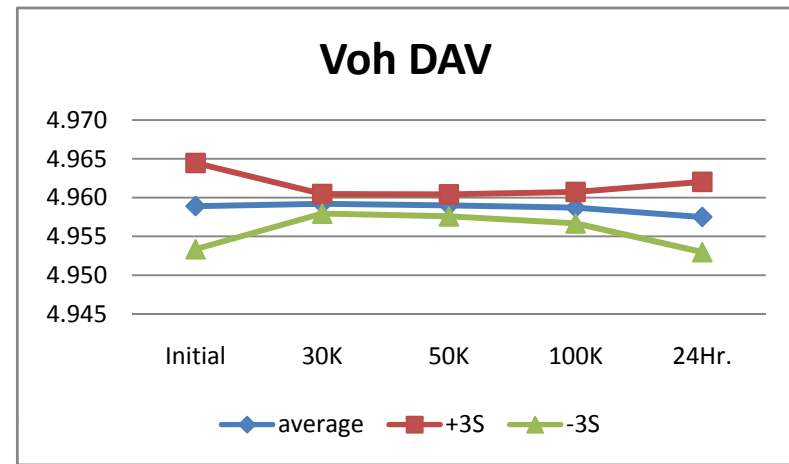
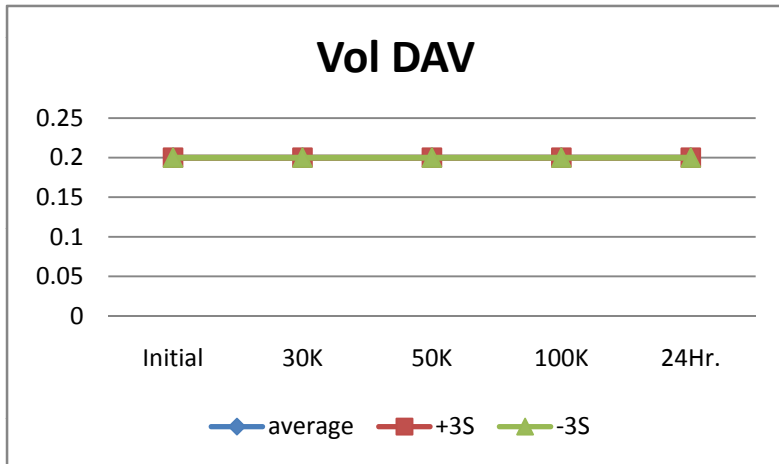
41	Vol OTR				V
SN	Initial	30K	50K	100K	24Hr.
587	0.033	0.033	0.033	0.033	0.033
573	0.033	0.033	0.033	0.033	0.033
574	0.033	0.033	0.033	0.033	0.033
576	0.033	0.033	0.033	0.033	0.033
577	0.033	0.033	0.033	0.033	0.033
578	0.033	0.033	0.033	0.033	0.033
579	0.033	0.033	0.033	0.032	0.032
580	0.033	0.033	0.033	0.033	0.033
581	0.033	0.033	0.033	0.033	0.033
582	0.033	0.033	0.033	0.033	0.033
583	0.033	0.033	0.033	0.032	0.033
min	0.033	0.033	0.033	0.032	0.032
max	0.033	0.033	0.033	0.033	0.033
stdev	0.000	0.000	0.000	0.000	0.000
average	0.033	0.033	0.033	0.033	0.033
+3S	0.033	0.033	0.033	0.034	0.034
-3S	0.033	0.033	0.033	0.032	0.032

42	Voh OTR				V
SN	Initial	30K	50K	100K	24Hr.
587	4.963	4.964	4.964	4.963	4.962
573	4.965	4.961	4.961	4.953	4.957
574	4.962	4.961	4.96	4.947	4.957
576	4.962	4.961	4.958	4.944	4.957
577	4.963	4.961	4.961	4.956	4.957
578	4.963	4.961	4.961	4.948	4.957
579	4.961	4.961	4.957	4.944	4.957
580	4.961	4.961	4.957	4.944	4.957
581	4.963	4.961	4.961	4.953	4.957
582	4.961	4.961	4.957	4.943	4.957
583	4.961	4.961	4.957	4.944	4.957
min	4.961	4.961	4.957	4.943	4.957
max	4.965	4.961	4.961	4.956	4.957
stdev	0.001	0.000	0.002	0.005	0.000
average	4.962	4.961	4.959	4.948	4.957
+3S	4.966	4.961	4.965	4.962	4.957
-3S	4.958	4.961	4.953	4.933	4.957



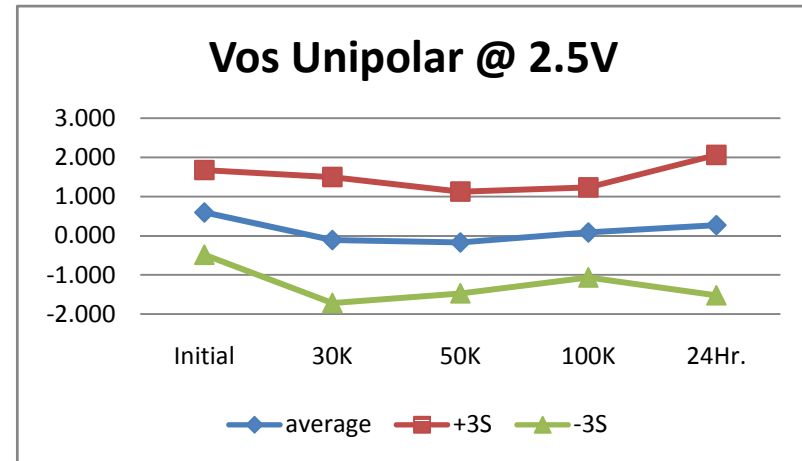
43	Vol DAV				V
SN	Initial	30K	50K	100K	24Hr.
587	0.2	0.2	0.2	0.2	0.2
573	0.2	0.2	0.2	0.2	0.2
574	0.2	0.2	0.2	0.2	0.2
576	0.2	0.2	0.2	0.2	0.2
577	0.2	0.2	0.2	0.2	0.2
578	0.2	0.2	0.2	0.2	0.2
579	0.2	0.2	0.2	0.2	0.2
580	0.2	0.2	0.2	0.2	0.2
581	0.2	0.2	0.2	0.2	0.2
582	0.2	0.2	0.2	0.2	0.2
583	0.2	0.2	0.2	0.2	0.2
min	0.2	0.2	0.2	0.2	0.2
max	0.2	0.2	0.2	0.2	0.2
stdev	0	0	0	0	0
average	0.2	0.2	0.2	0.2	0.2
+3S	0.2	0.2	0.2	0.2	0.2
-3S	0.2	0.2	0.2	0.2	0.2

44	Voh DAV				V
SN	Initial	30K	50K	100K	24Hr.
587	4.96	4.959	4.961	4.959	4.959
573	4.961	4.96	4.959	4.959	4.959
574	4.959	4.959	4.959	4.959	4.957
576	4.959	4.96	4.96	4.959	4.958
577	4.959	4.959	4.959	4.959	4.959
578	4.954	4.959	4.959	4.959	4.958
579	4.959	4.959	4.959	4.959	4.958
580	4.96	4.959	4.959	4.959	4.955
581	4.96	4.959	4.959	4.959	4.959
582	4.959	4.959	4.958	4.958	4.957
583	4.959	4.959	4.959	4.957	4.955
min	4.954	4.959	4.958	4.957	4.955
max	4.961	4.96	4.96	4.959	4.959
stdev	0.002	0.000	0.000	0.001	0.002
average	4.959	4.959	4.959	4.959	4.958
+3S	4.964	4.960	4.960	4.961	4.962
-3S	4.953	4.958	4.958	4.957	4.953



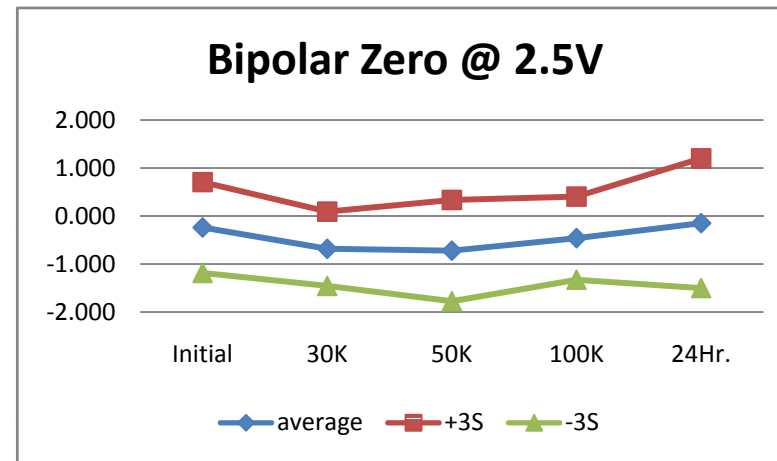
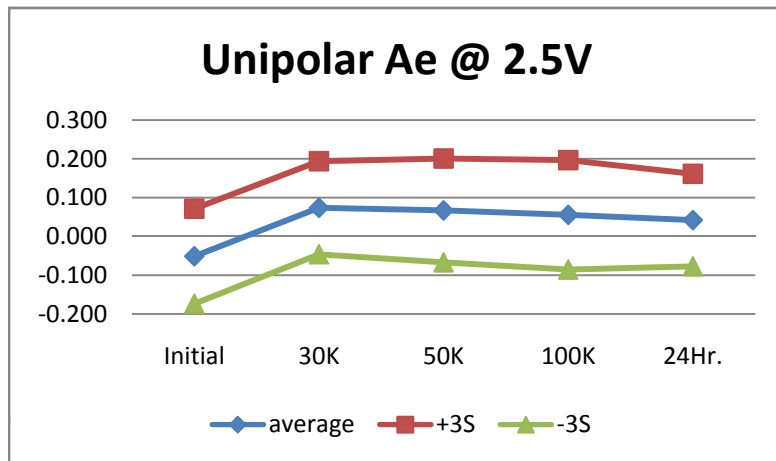
45	Resolution				Bits
SN	Initial	30K	50K	100K	24Hr.
587	12	12	12	12	12
573	12	12	12	12	12
574	12	12	12	12	12
576	12	12	12	12	12
577	12	12	12	12	12
578	12	12	12	12	12
579	12	12	12	12	12
580	12	12	12	12	12
581	12	12	12	12	12
582	12	12	12	12	12
583	12	12	12	12	12
min	12	12	12	12	12
max	12	12	12	12	12
stdev	0	0	0	0	0
average	12	12	12	12	12
+3S	12	12	12	12	12
-3S	12	12	12	12	12

46	Uni Vos 2.5V				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-0.71	-0.55	0.173	0.535	1.43
573	0.443	0.268	0.105	0.25	-0.098
574	0.47	-0.433	-0.51	0.44	-0.69
576	0.58	-1.26	-0.55	0.18	0.73
577	-0.04	0.078	-0.02	0.51	1.22
578	0.59	0.145	0.65	0.233	-0.45
579	0.72	0.035	0.2	-0.63	0.49
580	0.433	0.67	-0.83	-0.535	-0.027
581	1.29	-0.3	-0.39	0.053	0.83
582	0.45	0.203	-0.32	0.013	0.17
583	1.02	-0.5	-0.06	0.323	0.525
min	-0.04	-1.26	-0.83	-0.63	-0.69
max	1.29	0.67	0.65	0.51	1.22
stdev	0.360	0.536	0.433	0.383	0.598
average	0.596	-0.109	-0.173	0.084	0.270
+3S	1.677	1.499	1.126	1.234	2.063
-3S	-0.485	-1.717	-1.471	-1.067	-1.523



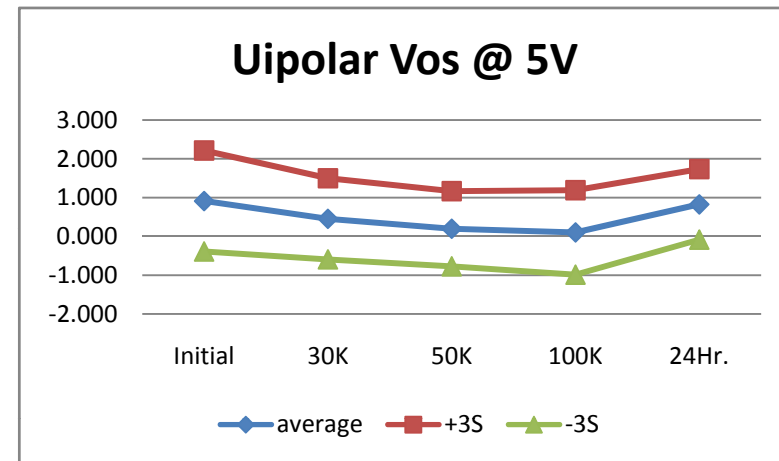
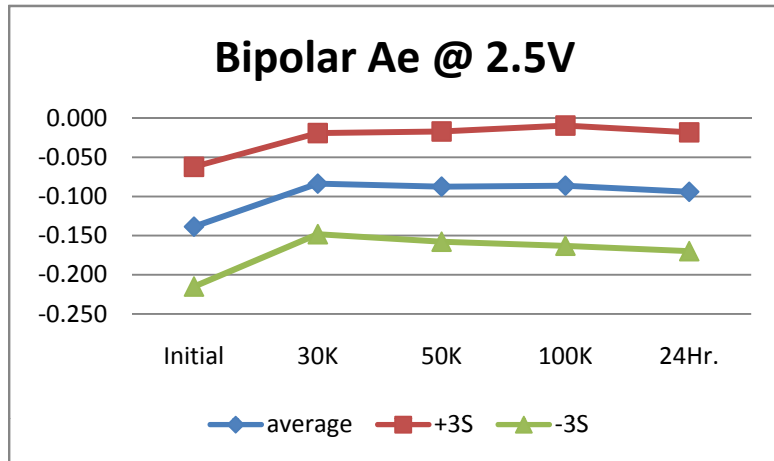
47	Uni Ae 2.5V				%FS
SN	Initial	30K	50K	100K	24Hr.
587	-0.044	0.083	0.061	0.077	0.1
573	-0.102	0.023	-0.001	-0.002	-0.011
574	-0.027	0.111	0.099	0.116	0.087
576	-0.078	0.09	0.09	0.083	0.058
577	-0.071	0.046	0.063	0.018	0.023
578	-0.124	-0.003	-0.016	-0.023	-0.038
579	-0.004	0.079	0.072	0.093	0.07
580	-0.038	0.079	0.059	0.031	0.044
581	-0.007	0.125	0.129	0.094	0.068
582	-0.02	0.094	0.094	0.089	0.072
583	-0.041	0.094	0.081	0.057	0.048
min	-0.124	-0.003	-0.016	-0.023	-0.038
max	-0.004	0.125	0.129	0.116	0.087
stdev	0.041	0.040	0.045	0.047	0.040
average	-0.051	0.074	0.067	0.056	0.042
+3S	0.071	0.194	0.201	0.197	0.161
-3S	-0.174	-0.046	-0.067	-0.085	-0.077

48	Bipolar Ze 2.5V				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-0.43	-0.89	-0.18	-0.38	0.002
573	-0.08	-0.738	-0.768	-0.808	-0.73
574	-0.583	-0.59	-0.79	0.19	0.41
576	-0.643	-0.96	-0.64	-0.49	-0.323
577	-0.115	-0.41	-0.172	-0.28	0.58
578	-0.137	-0.548	-0.9	-0.28	0.35
579	-0.8	-1.01	-1.39	-0.8	-0.683
580	0.01	-1	-1.03	-0.52	-0.31
581	0.068	-0.72	-0.27	-0.49	-0.155
582	-0.143	-0.605	-0.62	-0.56	-0.29
583	0.045	-0.233	-0.62	-0.56	-0.333
min	-0.8	-1.01	-1.39	-0.808	-0.73
max	0.068	-0.233	-0.172	0.19	0.58
stdev	0.315	0.258	0.352	0.289	0.450
average	-0.238	-0.681	-0.720	-0.460	-0.148
+3S	0.707	0.092	0.335	0.406	1.203
-3S	-1.183	-1.455	-1.775	-1.325	-1.500



49	Bip Ae 2.5V				%FS
SN	Initial	30K	50K	100K	24Hr.
587	-0.148	-0.08	-0.085	-0.084	-0.06
573	-0.184	-0.127	-0.121	-0.128	-0.136
574	-0.134	-0.066	-0.069	-0.063	-0.078
576	-0.137	-0.079	-0.081	-0.081	-0.09
577	-0.149	-0.081	-0.082	-0.087	-0.098
578	-0.177	-0.117	-0.131	-0.129	-0.138
579	-0.135	-0.081	-0.09	-0.073	-0.082
580	-0.123	-0.077	-0.09	-0.099	-0.1
581	-0.107	-0.059	-0.054	-0.052	-0.068
582	-0.109	-0.072	-0.068	-0.075	-0.065
583	-0.132	-0.078	-0.089	-0.076	-0.086
min	-0.184	-0.127	-0.131	-0.129	-0.138
max	-0.107	-0.059	-0.054	-0.052	-0.065
stdev	0.025	0.021	0.023	0.026	0.025
average	-0.139	-0.084	-0.088	-0.086	-0.094
+3S	-0.062	-0.019	-0.017	-0.010	-0.018
-3S	-0.215	-0.148	-0.158	-0.163	-0.170

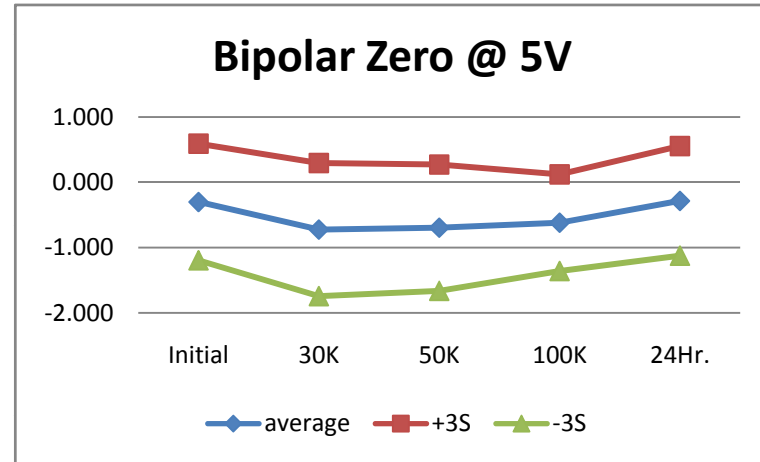
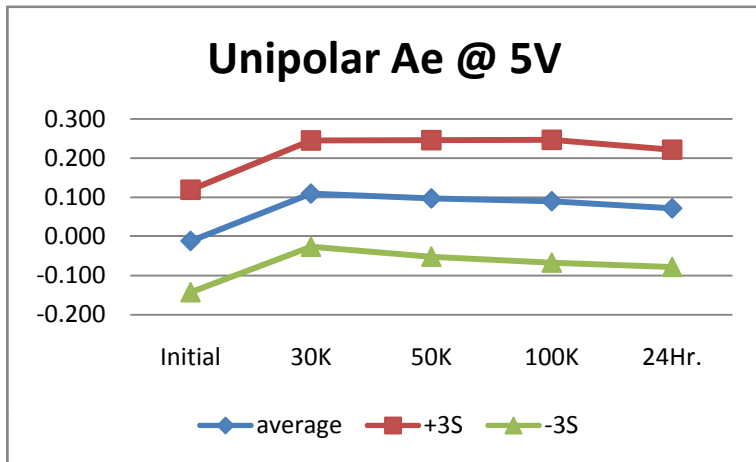
50	Uni Vos 5V				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.59	0.38	0.83	0.875	1.49
573	1.3	0.428	-0.12	-0.51	0.98
574	0.485	0.38	0.45	0.233	0.83
576	0.53	0.203	0.285	-0.06	0.825
577	1.12	0.72	0.44	0.563	1.238
578	1.32	0.598	0.23	-0.02	0.36
579	0.26	0.428	-0.275	0.08	0.74
580	0.65	-0.14	0.11	-0.38	0.94
581	1.305	0.11	0.663	0.338	0.58
582	1.47	0.72	-0.25	0.6	0.48
583	0.69	1.08	0.438	0.17	1.29
min	0.26	-0.14	-0.275	-0.51	0.36
max	1.47	1.08	0.663	0.6	1.29
stdev	0.434	0.349	0.323	0.363	0.303
average	0.913	0.453	0.197	0.101	0.826
+3S	2.216	1.499	1.165	1.191	1.735
-3S	-0.390	-0.594	-0.771	-0.988	-0.083





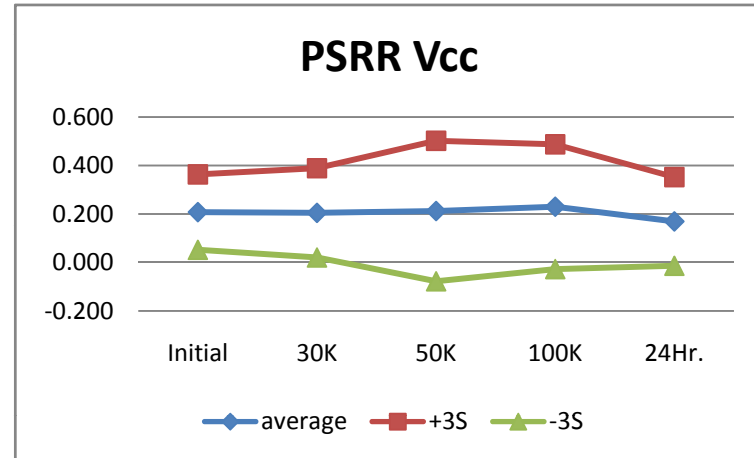
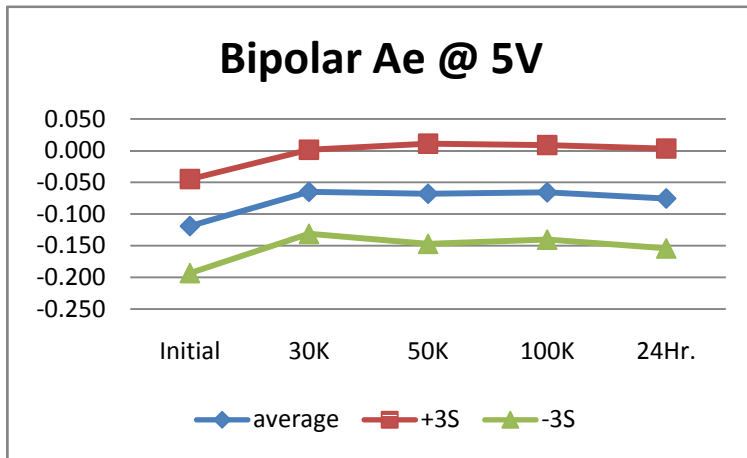
51	Uni Ae 5V				%FS
SN	Initial	30K	50K	100K	24Hr.
587	-0.014	0.098	0.112	0.095	0.113
573	-0.052	0.068	0.044	0.041	0.028
574	-0.014	0.124	0.107	0.102	0.101
576	-0.004	0.153	0.154	0.142	0.108
577	-0.024	0.091	0.099	0.038	0.037
578	-0.099	0.031	0.005	0	-0.025
579	-0.015	0.088	0.085	0.101	0.077
580	-0.024	0.075	0.059	0.059	0.037
581	0.034	0.169	0.159	0.155	0.125
582	0.044	0.143	0.123	0.132	0.113
583	0.036	0.151	0.134	0.128	0.116
min	-0.099	0.031	0.005	0	-0.025
max	0.044	0.169	0.159	0.155	0.125
stdev	0.044	0.045	0.050	0.052	0.050
average	-0.012	0.109	0.097	0.090	0.072
+3S	0.119	0.245	0.246	0.247	0.221
-3S	-0.143	-0.026	-0.052	-0.067	-0.078

52	Bip Ze 5V				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-0.64	-0.72	-0.49	-0.57	-0.068
573	-0.507	-0.732	-0.815	-0.978	-0.34
574	-0.512	-0.84	-0.54	-0.488	-0.1
576	-0.52	-1.262	-1.113	-0.837	-0.245
577	-0.34	-0.25	-0.343	-0.45	-0.045
578	-0.08	-0.677	-0.748	-0.505	0.078
579	-0.65	-0.98	-0.99	-0.897	-0.823
580	-0.458	-0.88	-0.54	-0.74	-0.61
581	0.338	-0.25	-0.08	-0.16	-0.04
582	-0.183	-0.99	-1.015	-0.597	-0.28
583	-0.09	-0.373	-0.76	-0.527	-0.43
min	-0.65	-1.262	-1.113	-0.978	-0.823
max	0.338	-0.25	-0.08	-0.16	0.078
stdev	0.298	0.340	0.322	0.246	0.280
average	-0.300	-0.723	-0.694	-0.618	-0.284
+3S	0.593	0.296	0.273	0.121	0.556
-3S	-1.194	-1.742	-1.662	-1.357	-1.123



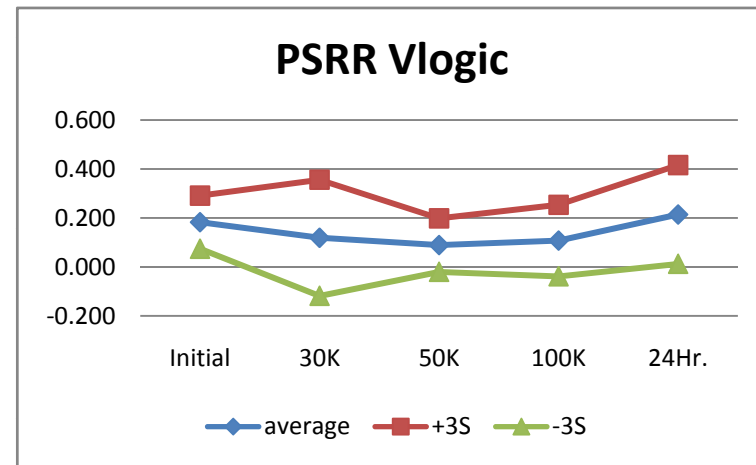
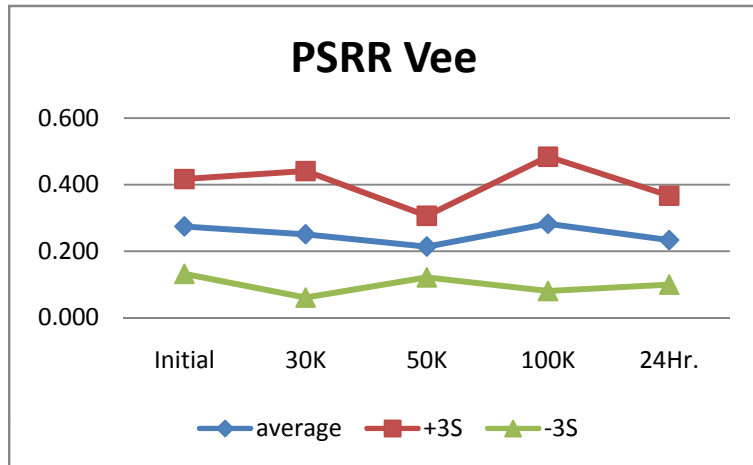
53	Bip Ae 5V				%FS
SN	Initial	30K	50K	100K	24Hr.
587	-0.129	-0.063	-0.069	-0.065	-0.046
573	-0.146	-0.088	-0.099	-0.097	-0.114
574	-0.12	-0.061	-0.065	-0.057	-0.068
576	-0.116	-0.051	-0.054	-0.051	-0.069
577	-0.13	-0.074	-0.068	-0.081	-0.084
578	-0.159	-0.098	-0.115	-0.106	-0.119
579	-0.126	-0.079	-0.072	-0.062	-0.079
580	-0.127	-0.078	-0.086	-0.082	-0.083
581	-0.078	-0.028	-0.028	-0.029	-0.042
582	-0.09	-0.052	-0.042	-0.041	-0.047
583	-0.099	-0.041	-0.052	-0.052	-0.05
min	-0.159	-0.098	-0.115	-0.106	-0.119
max	-0.078	-0.028	-0.028	-0.029	-0.042
stdev	0.025	0.022	0.026	0.025	0.026
average	-0.119	-0.065	-0.068	-0.066	-0.076
+3S	-0.045	0.001	0.011	0.009	0.003
-3S	-0.193	-0.131	-0.147	-0.140	-0.154

54	PSRR Vcc				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.205	0.1	0.1	0.245	0.195
573	0.3	0.205	0.17	0.2	0.15
574	0.22	0.18	0.205	0.328	0.145
576	0.21	0.32	0.175	0.195	0.125
577	0.185	0.292	0.21	0.25	0.33
578	0.165	0.22	0.235	0.325	0.153
579	0.16	0.19	0.12	0.123	0.14
580	0.178	0.185	0.11	0.27	0.155
581	0.3	0.107	0.14	0.205	0.2
582	0.18	0.165	0.4	0.08	0.175
583	0.18	0.183	0.357	0.325	0.12
min	0.16	0.107	0.11	0.08	0.12
max	0.3	0.32	0.4	0.328	0.33
stdev	0.052	0.061	0.097	0.086	0.061
average	0.208	0.205	0.212	0.230	0.169
+3S	0.363	0.389	0.502	0.488	0.352
-3S	0.052	0.020	-0.078	-0.027	-0.014



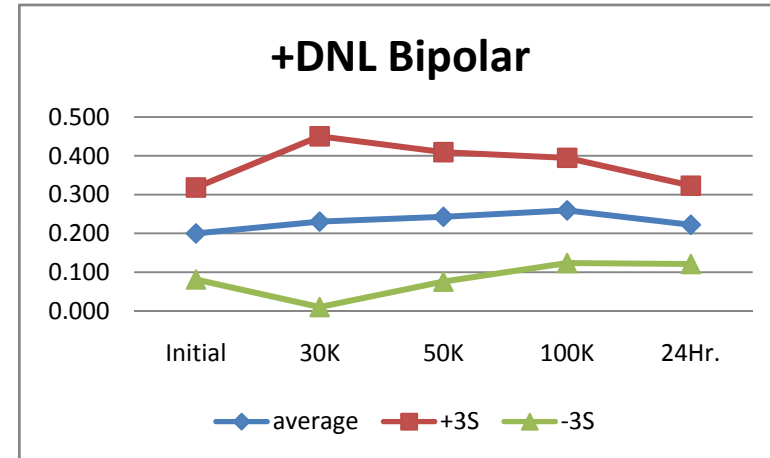
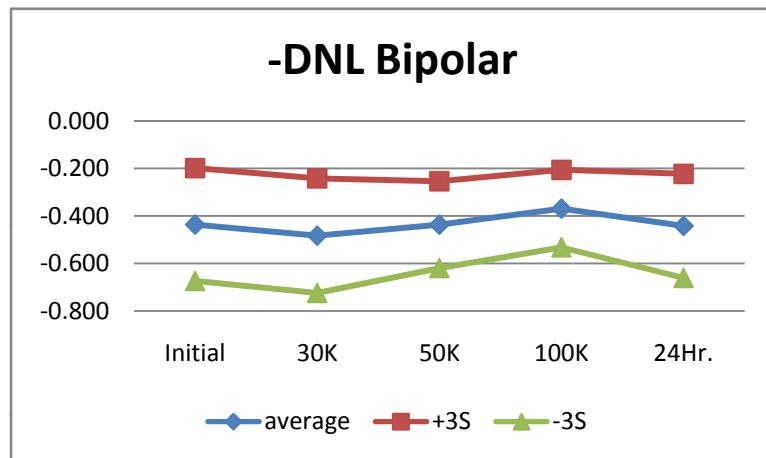
55	PSRR Vee				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.385	0.36	0.45	0.335	0.255
573	0.29	0.155	0.23	0.335	0.17
574	0.275	0.205	0.22	0.345	0.197
576	0.225	0.24	0.195	0.255	0.2
577	0.185	0.235	0.185	0.29	0.2
578	0.255	0.285	0.215	0.18	0.293
579	0.28	0.24	0.18	0.248	0.275
580	0.328	0.305	0.173	0.36	0.24
581	0.35	0.215	0.225	0.225	0.23
582	0.295	0.24	0.27	0.215	0.225
583	0.26	0.388	0.245	0.37	0.303
min	0.185	0.155	0.173	0.18	0.17
max	0.35	0.388	0.27	0.37	0.303
stdev	0.047	0.063	0.031	0.067	0.045
average	0.274	0.251	0.214	0.282	0.233
+3S	0.417	0.441	0.306	0.484	0.367
-3S	0.132	0.061	0.121	0.081	0.100

56	PSRR Vlogic				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.325	0.232	0.225	0.255	0.355
573	0.165	0.14	0.05	0.14	0.17
574	0.17	0.005	0.063	0.133	0.22
576	0.205	0.08	0.103	0.025	0.255
577	0.19	0.085	0.06	0.11	0.1
578	0.245	0.04	0.117	0.11	0.212
579	0.12	0.205	0.045	0.133	0.23
580	0.172	0.14	0.09	0.1	0.183
581	0.215	0.275	0.1	0.145	0.18
582	0.202	0.14	0.1	0.02	0.235
583	0.145	0.082	0.165	0.163	0.36
min	0.12	0.005	0.045	0.02	0.1
max	0.245	0.275	0.165	0.163	0.36
stdev	0.036	0.079	0.036	0.049	0.067
average	0.183	0.119	0.089	0.108	0.215
+3S	0.291	0.357	0.199	0.254	0.416
-3S	0.074	-0.118	-0.020	-0.038	0.013



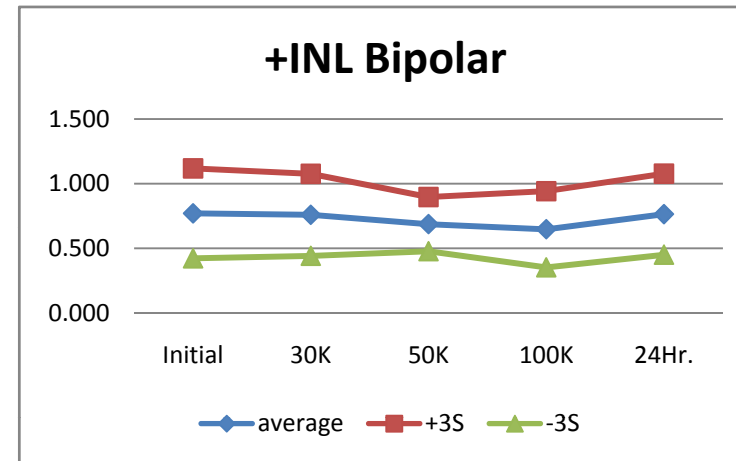
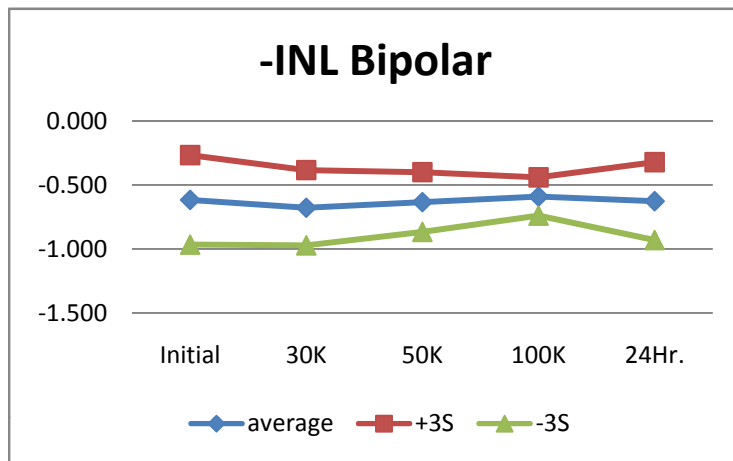
57	-DNL Bip				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-0.337	-0.343	-0.359	-0.396	-0.359
573	-0.484	-0.485	-0.464	-0.453	-0.474
574	-0.585	-0.632	-0.438	-0.417	-0.574
576	-0.427	-0.459	-0.417	-0.386	-0.464
577	-0.342	-0.343	-0.411	-0.28	-0.311
578	-0.442	-0.516	-0.527	-0.385	-0.469
579	-0.422	-0.417	-0.328	-0.312	-0.485
580	-0.311	-0.496	-0.474	-0.348	-0.38
581	-0.516	-0.512	-0.517	-0.428	-0.433
582	-0.411	-0.417	-0.412	-0.338	-0.459
583	-0.422	-0.554	-0.38	-0.343	-0.37
min	-0.585	-0.632	-0.527	-0.453	-0.574
max	-0.311	-0.343	-0.328	-0.28	-0.311
stdev	0.079	0.080	0.061	0.054	0.073
average	-0.436	-0.483	-0.437	-0.369	-0.442
+3S	-0.199	-0.242	-0.254	-0.206	-0.223
-3S	-0.674	-0.724	-0.620	-0.532	-0.661

58	+DNL Bip				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.173	0.177	0.182	0.193	0.187
573	0.168	0.204	0.309	0.288	0.178
574	0.178	0.182	0.208	0.208	0.177
576	0.178	0.181	0.192	0.281	0.182
577	0.163	0.287	0.282	0.303	0.204
578	0.263	0.241	0.246	0.283	0.247
579	0.204	0.193	0.219	0.292	0.235
580	0.194	0.208	0.267	0.219	0.23
581	0.177	0.192	0.192	0.171	0.261
582	0.278	0.418	0.339	0.297	0.25
583	0.194	0.197	0.171	0.25	0.256
min	0.163	0.181	0.171	0.171	0.177
max	0.278	0.418	0.339	0.303	0.261
stdev	0.039	0.073	0.056	0.045	0.034
average	0.200	0.230	0.243	0.259	0.222
+3S	0.318	0.450	0.409	0.395	0.323
-3S	0.081	0.010	0.076	0.124	0.121



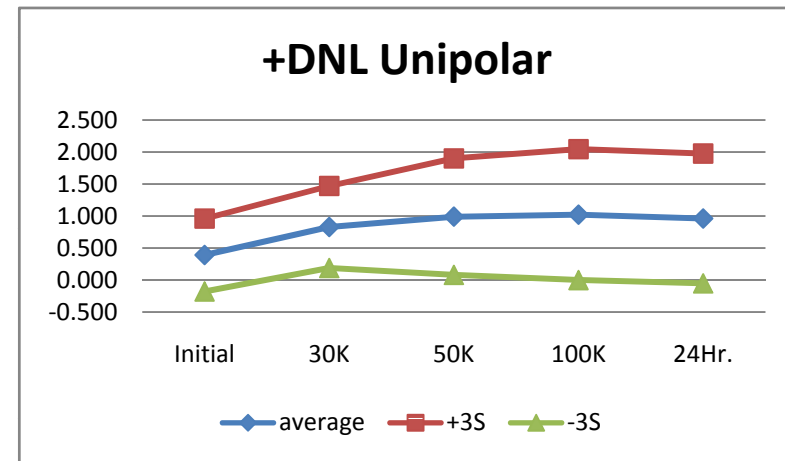
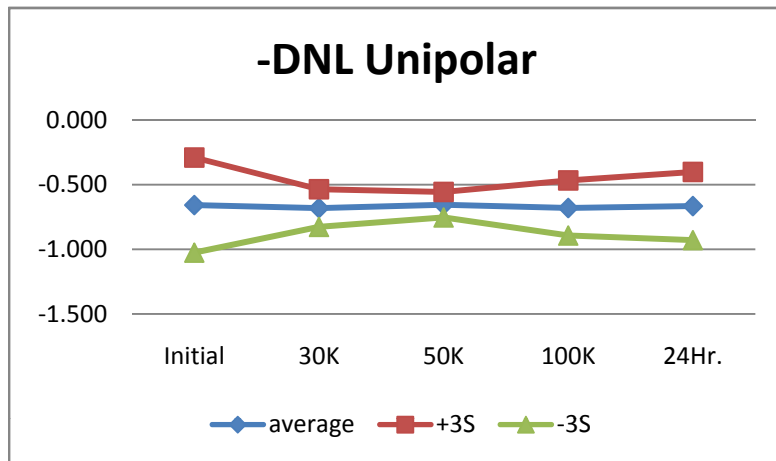
59	-INL Bip				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-0.716	-0.624	-0.755	-0.763	-0.619
573	-0.595	-0.792	-0.589	-0.656	-0.617
574	-0.68	-0.793	-0.763	-0.52	-0.755
576	-0.736	-0.661	-0.679	-0.646	-0.666
577	-0.425	-0.497	-0.57	-0.548	-0.433
578	-0.57	-0.755	-0.701	-0.58	-0.719
579	-0.726	-0.624	-0.575	-0.532	-0.746
580	-0.713	-0.633	-0.728	-0.577	-0.603
581	-0.487	-0.625	-0.617	-0.645	-0.518
582	-0.504	-0.624	-0.537	-0.624	-0.583
583	-0.734	-0.781	-0.579	-0.575	-0.63
min	-0.736	-0.793	-0.763	-0.656	-0.755
max	-0.425	-0.497	-0.537	-0.52	-0.433
stdev	0.116	0.098	0.078	0.050	0.101
average	-0.617	-0.679	-0.634	-0.590	-0.627
+3S	-0.268	-0.384	-0.401	-0.441	-0.323
-3S	-0.966	-0.973	-0.867	-0.739	-0.931

60	+INL Bip				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.919	0.728	0.839	0.819	0.85
573	0.712	0.764	0.587	0.719	0.662
574	0.95	0.878	0.739	0.587	0.85
576	0.854	0.673	0.797	0.809	0.822
577	0.593	0.581	0.638	0.555	0.537
578	0.803	0.812	0.694	0.521	0.834
579	0.811	0.658	0.612	0.599	0.813
580	0.713	0.679	0.732	0.597	0.689
581	0.795	0.894	0.735	0.749	0.794
582	0.598	0.799	0.613	0.743	0.768
583	0.873	0.849	0.722	0.592	0.872
min	0.593	0.581	0.587	0.521	0.537
max	0.95	0.894	0.797	0.809	0.872
stdev	0.116	0.106	0.070	0.098	0.104
average	0.770	0.759	0.687	0.647	0.764
+3S	1.118	1.076	0.896	0.942	1.077
-3S	0.422	0.442	0.477	0.352	0.451



61	-DNL Uni				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-0.633	-0.549	-0.612	-0.685	-0.612
573	-0.485	-0.643	-0.706	-0.622	-0.58
574	-0.696	-0.675	-0.602	-0.717	-0.79
576	-0.748	-0.696	-0.623	-0.56	-0.623
577	-0.59	-0.591	-0.654	-0.801	-0.612
578	-0.496	-0.717	-0.633	-0.696	-0.517
579	-0.895	-0.706	-0.696	-0.696	-0.717
580	-0.643	-0.643	-0.633	-0.769	-0.78
581	-0.738	-0.769	-0.665	-0.644	-0.727
582	-0.612	-0.675	-0.675	-0.644	-0.665
583	-0.675	-0.696	-0.665	-0.654	-0.643
min	-0.895	-0.769	-0.706	-0.801	-0.79
max	-0.485	-0.591	-0.602	-0.56	-0.517
stdev	0.123	0.049	0.033	0.071	0.088
average	-0.658	-0.681	-0.655	-0.680	-0.665
+3S	-0.290	-0.536	-0.557	-0.467	-0.402
-3S	-1.026	-0.827	-0.754	-0.894	-0.929

62	+DNL Uni				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.648	0.468	0.311	0.562	0.709
573	0.302	0.741	0.752	1.119	0.763
574	0.239	0.467	0.856	0.814	0.814
576	0.259	0.698	0.708	1.212	0.793
577	0.901	0.887	1.234	1.885	1.592
578	0.313	1.098	1.477	0.91	0.732
579	0.386	0.961	0.972	0.667	1.412
580	0.302	1.087	1.329	0.972	1.203
581	0.375	0.75	1.221	0.897	0.929
582	0.406	1.012	0.782	0.793	0.898
583	0.427	0.593	0.583	0.96	0.489
min	0.239	0.467	0.583	0.667	0.489
max	0.901	1.098	1.477	1.885	1.592
stdev	0.190	0.214	0.303	0.341	0.338
average	0.391	0.829	0.991	1.023	0.963
+3S	0.961	1.471	1.902	2.046	1.977
-3S	-0.179	0.188	0.081	0.000	-0.052



63	-INL Uni				LSB
SN	Initial	30K	50K	100K	24Hr.
587	-1.027	-0.868	-1.033	-1.006	-1.06
573	-0.861	-1.029	-1.256	-1.396	-2.13
574	-1.098	-1.04	-1.594	-1.421	-1.498
576	-1.065	-1.199	-1.147	-1.129	-1.067
577	-1.035	-1.107	-1.344	-1.763	-1.266
578	-1.033	-1.352	-1.39	-1.281	-1.341
579	-1.173	-1.243	-1.557	-1.6	-1.48
580	-0.892	-1.258	-1.565	-2.363	-2.222
581	-0.833	-1.148	-0.96	-1.45	-1.1
582	-0.786	-1.472	-1.263	-1.33	-2.67
583	-0.977	-1.173	-1.161	-0.902	-2.156
min	-1.173	-1.472	-1.594	-2.363	-2.67
max	-0.786	-1.029	-0.96	-0.902	-1.067
stdev	0.127	0.137	0.208	0.395	0.555
average	-0.975	-1.202	-1.324	-1.464	-1.693
+3S	-0.594	-0.791	-0.700	-0.279	-0.028
-3S	-1.356	-1.613	-1.947	-2.648	-3.358

64	+INL Uni				LSB
SN	Initial	30K	50K	100K	24Hr.
587	0.836	0.978	1.215	0.884	0.944
573	0.932	1.005	1.189	1.473	1
574	1.086	1.161	0.842	1.312	1.175
576	1.243	1.18	1.089	0.755	1.24
577	0.91	1.541	2.749	2.307	2.847
578	0.999	1.453	1.647	1.267	2.485
579	1.123	1.143	1.169	1.415	1.105
580	0.838	1.104	1.771	0.909	0.983
581	0.791	0.852	1.122	0.904	1.369
582	1.109	1.245	1.133	0.757	0.9
583	0.885	1.054	1.215	1.804	0.816
min	0.791	0.852	0.842	0.755	0.816
max	1.243	1.541	2.749	2.307	2.847
stdev	0.145	0.203	0.548	0.496	0.696
average	0.992	1.174	1.393	1.290	1.392
+3S	1.426	1.782	3.038	2.778	3.480
-3S	0.557	0.565	-0.253	-0.197	-0.696

