

RADIATION TEST REPORT

PRODUCT:	AD9254R703F
GAMMA:	100k
GAMMA SOURCE:	Co60/TM1019 Condition A
DOSE RATE:	118 Rad(si)/s
FACILITIES:	University of Massachusetts @ Lowell
TESTED:	10/26/2011

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SN	Iq_avdd AVDD@1.8V DRVDD@1.8V		mA	Iq_drvdd AVDD@1.8V DRVDD@1.8V		mA	Power PDWN_LOW AVDD@1.8V DRVDD@1.8V			mW
	Pre	100k		24Hr	Pre		100k	24Hr	Pre	
1	243.74323	243.61853	244.242	11.91084	11.85139	14.8737	460.15057	459.73215	466.33133	
50	244.27317	244.30434	244.27317	11.95464	11.90458	11.94212	461.15026	461.17473	461.21925	
2	243.21328	242.71451	242.99507	11.91084	14.92689	12.75245	459.16387	463.73138	460.29449	
3	243.58736	244.64725	243.64971	11.85765	13.56904	11.95151	459.71590	464.83248	460.07347	
5	242.09104	242.65216	242.12222	11.82323	12.68362	11.75440	457.08019	459.57872	456.91860	
6	243.80557	244.42904	243.74323	11.80133	13.42825	11.84826	460.09842	464.20330	459.97950	
45	242.87038	243.40032	242.90155	11.85139	14.26048	12.07040	458.52327	463.80734	458.89014	
46	241.65462	243.93027	242.12222	11.94212	14.62028	12.20180	456.45526	465.32348	457.80003	
47	243.40032	243.96144	243.49384	11.94838	14.09466	12.20806	459.51724	464.48451	460.29806	
48	238.22558	238.91139	238.19441	11.89832	12.64295	11.81385	450.09017	452.80677	450.04874	
Min	238.22558	238.91139	238.19441	11.89832	12.64295	11.81385	450.09017	452.80677	450.04874	
Max	243.40032	243.96144	243.49384	11.94838	14.09466	12.20806	459.51724	464.48451	460.29806	
Std Dev	3.65909	3.57092	3.74726	0.03540	1.02651	0.27875	6.66595	8.25741	7.24736	
Average	240.81295	241.43642	240.84413	11.92335	13.36881	12.01096	454.80371	458.64564	455.17340	
+3 Sigma	251.79023	252.14919	252.08591	12.02954	16.44835	12.84720	474.80154	483.41787	476.91549	
-3 Sigma	229.83567	230.72364	229.60234	11.81716	10.28926	11.17471	434.80587	433.87341	433.43131	

SN	Iq_avdd AVDD@1.8V DRVDD@2.5V		mA	Iq_drvdd AVDD@1.8V DRVDD@2.5V		mA	Power PDWN_LOW AVDD@1.8V DRVDD@2.5V			mW
	Pre	100k		24Hr	Pre		100k	24Hr	Pre	
1	243.46267	243.40032	243.96144	13.99529	13.95149	17.44623	473.25698	473.06943	482.79309	
50	244.14848	244.05496	244.02378	14.07038	13.99217	14.04848	474.60273	474.19664	474.36666	
2	242.99507	242.30926	242.65216	13.99529	15.64724	14.60226	472.37322	475.25418	473.29915	
3	243.40032	244.36669	243.40032	13.97339	15.06218	14.10167	472.98038	477.44945	473.37642	
5	241.87283	242.46512	241.93518	13.91708	14.47398	13.88892	470.11498	472.54038	470.14895	
6	243.64971	244.1173	243.46267	13.93272	14.89636	14.03284	473.28451	476.71357	473.38507	
45	242.74568	242.93272	242.55864	13.93898	15.38756	14.21743	471.82551	475.66640	472.03290	
46	241.43641	243.64971	241.87283	14.06413	15.78490	14.23933	469.71464	478.06770	470.96351	
47	243.11976	243.52501	243.21328	14.11106	15.25615	14.35822	472.83635	476.46090	473.61374	
48	238.06971	238.63083	237.97619	14.00155	14.48650	13.85763	463.52354	465.67816	462.97047	
Min	238.06971	238.63083	237.97619	14.00155	14.48650	13.85763	463.52354	465.67816	462.97047	
Max	243.11976	243.52501	243.21328	14.11106	15.25615	14.35822	472.83635	476.46090	473.61374	
Std Dev	3.57092	3.46071	3.70318	0.07744	0.54422	0.35397	6.58515	7.62455	7.52593	
Average	240.59474	241.07792	240.59474	14.05631	14.87133	14.10793	468.17995	471.06953	468.29211	
+3 Sigma	251.30751	251.46004	251.70428	14.28861	16.50400	15.16984	487.93540	493.94318	490.86989	
-3 Sigma	229.88196	230.69580	229.48519	13.82400	13.23865	13.04601	448.42449	448.19588	445.71432	

SN	Iq_avdd AVDD@1.8V DRVDD@3.3V			Iq_drvdd AVDD@1.8V DRVDD@3.3V			Power PDWN_LOW AVDD@1.8V DRVDD@3.3V		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	243.46267	243.40032	243.96144	13.99529	13.95149	17.44623	473.25698	473.06943	482.79309
50	244.14848	244.05496	244.02378	14.07038	13.99217	14.04848	474.60273	474.19664	474.36666
2	242.99507	242.30926	242.65216	13.99529	15.64724	14.60226	472.37322	475.25418	473.29915
3	243.40032	244.36669	243.40032	13.97339	15.06218	14.10167	472.98038	477.44945	473.37642
5	241.87283	242.46512	241.93518	13.91708	14.47398	13.88892	470.11498	472.54038	470.14895
6	243.64971	244.1173	243.46267	13.93272	14.89636	14.03284	473.28451	476.71357	473.38507
45	242.74568	242.93272	242.55864	13.93898	15.38756	14.21743	471.82551	475.66640	472.03290
46	241.43641	243.64971	241.87283	14.06413	15.78490	14.23933	469.71464	478.06770	470.96351
47	243.11976	243.52501	243.21328	14.11106	15.25615	14.35822	472.83635	476.46090	473.61374
48	238.06971	238.63083	237.97619	14.00155	14.48650	13.85763	463.52354	465.67816	462.97047
Min	238.06971	238.63083	237.97619	14.00155	14.48650	13.85763	463.52354	465.67816	462.97047
Max	243.11976	243.52501	243.21328	14.11106	15.25615	14.35822	472.83635	476.46090	473.61374
Std Dev	3.57092	3.46071	3.70318	0.07744	0.54422	0.35397	6.58515	7.62455	7.52593
Average	240.59474	241.07792	240.59474	14.05631	14.87133	14.10793	468.17995	471.06953	468.29211
+3 Sigma	251.30751	251.46004	251.70428	14.28861	16.50400	15.16984	487.93540	493.94318	490.86989
-3 Sigma	229.88196	230.69580	229.48519	13.82400	13.23865	13.04601	448.42449	448.19588	445.71432

SN	Iq_avdd AVDD@1.7V DRVDD@2.5V			Iq_drvdd AVDD@1.7V DRVDD@2.5V			Power PDWN_LOW AVDD@1.7V DRVDD@2.5V		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	239.22658	239.19541	239.25775	14.02971	14.02971	14.01407	441.77425	441.6551	441.81314
50	239.88122	239.97474	239.91239	14.12357	14.03910	14.07038	443.14688	443.02827	443.02562
2	238.8525	237.97965	239.19541	14.04848	15.65976	14.62103	441.09422	443.68958	443.17457
3	239.35127	240.19295	239.38245	13.99217	15.05905	14.08916	441.86738	445.97483	442.14666
5	237.76144	238.29138	237.82378	13.91082	14.51466	13.87640	438.92041	441.39001	438.90676
6	239.44479	240.62937	239.47597	13.92959	14.90261	14.02345	441.81988	446.30685	442.11632
45	238.41608	238.57194	238.47842	14.01720	15.37817	14.31755	440.30645	443.93277	441.13821
46	237.29384	239.3201	237.69909	14.02971	15.72233	14.20492	438.47248	446.11478	439.59060
47	239.07071	239.10189	239.00837	14.11731	15.21548	14.30816	441.72826	444.47672	442.10836
48	234.02067	234.51944	233.92715	13.94836	14.43957	13.82947	432.60700	434.68940	432.18231
Min	234.02067	234.51944	233.92715	13.94836	14.43957	13.82947	432.60700	434.68940	432.18231
Max	239.07071	239.10189	239.00837	14.11731	15.21548	14.30816	441.72826	444.47672	442.10836
Std Dev	3.57092	3.24028	3.59297	0.11947	0.54865	0.33848	6.44970	6.92068	7.01878
Average	236.54569	236.81067	236.46776	14.03284	14.82753	14.06882	437.16763	439.58306	437.14534
+3 Sigma	247.25844	246.53151	247.24666	14.39123	16.47348	15.08427	456.51674	460.34510	458.20167
-3 Sigma	225.83294	227.08982	225.68886	13.67444	13.18157	13.05336	417.81852	418.82102	416.08900

SN	Iq_avdd AVDD@1.9V DRVDD@2.5V		mA	Iq_drvdd AVDD@1.9V DRVDD@2.5V		mA	Power PDWN_LOW AVDD@1.9V DRVDD@2.5V		mW
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	247.48054	247.38702	247.35585	13.98278	14.02345	14.03284	505.22774	505.05716	504.96089
50	248.10401	248.07283	248.07283	14.13921	14.07038	14.10480	506.69986	506.52921	506.58935
2	247.04412	246.38948	246.79473	14.07038	15.63160	14.69612	504.56583	507.15762	505.58817
3	247.4182	248.35339	247.51171	13.97965	15.17481	14.12357	505.11020	509.69434	505.51850
5	245.82836	246.38948	245.85953	13.86076	14.44270	13.82635	501.68914	504.18460	501.66231
6	247.60523	247.94814	247.57406	13.89831	14.74931	13.87015	505.13291	507.98082	504.99457
45	246.73238	247.10646	246.63886	13.94211	15.43136	14.21117	503.51566	508.11255	504.16565
46	245.51663	247.79227	245.95305	14.01720	15.70669	14.18302	501.38551	509.90051	502.64591
47	247.26233	247.85462	247.2935	14.10793	15.33437	14.23933	505.00566	509.23318	505.45311
48	241.99407	242.67988	242.02524	13.92646	14.51466	13.94836	494.56024	497.36810	494.69078
Min	241.99407	242.67988	242.02524	13.86076	14.07038	13.82635	494.56024	497.36810	494.69078
Max	248.10401	248.35339	248.07283	14.13921	15.70669	14.69612	506.69986	509.90051	506.58935
Std Dev	1.84324	1.75503	1.80460	0.09670	0.58090	0.25863	3.62176	3.91966	3.64306
Average	246.38948	246.95406	246.41372	13.99356	15.00621	14.13365	503.07389	506.68455	503.47871
+3 Sigma	251.91920	252.21914	251.82752	14.28365	16.74892	14.90954	513.93916	518.44354	514.40789
-3 Sigma	240.85976	241.68899	240.99993	13.70346	13.26350	13.35776	492.20862	494.92555	492.54952

SN	Iqz_avdd PDWN_HIGH AVDD@1.7V DRVDD@2.5V			mA	Iqz_avdd PDWN_HIGH AVDD@1.8V DRVDD@2.5V			mA	Iqz_drvdd PDWN_HIGH AVDD@1.8V DRVDD@2.5V			mA
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	0.53378	0.50261	0.47143	0.65501	0.56149	0.62384	-0.00244	0.0132	0.00381			
50	0.22205	0.2844	0.31557	0.40563	0.28093	0.37445	-0.00557	0.00694	0.00694			
2	0.31557	3.83813	1.28194	0.46797	3.99054	1.43434	0.01320	2.61627	0.96432			
3	0.19088	1.84305	0.34674	0.34328	1.90194	0.43680	0.00069	1.25529	0.20405			
5	0.25322	0.65847	0.9702	0.34328	0.77970	1.15378	-0.00244	0.75157	0.01633			
6	0.25322	1.25076	0.19088	0.43680	1.30965	0.21859	0.00694	1.45240	0.07577			
45	0.53378	2.96529	0.72082	0.71736	3.08652	0.68618	0.00381	2.20015	0.39803			
46	0.44026	3.24584	0.87669	0.53032	3.46059	1.02909	-0.00244	2.06249	0.48876			
47	0.37792	2.7159	0.72082	0.43680	2.96182	0.71736	0.00381	1.90293	0.35736			
48	0.31557	0.75199	0.12853	0.46797	0.77970	0.15624	-0.00244	0.65458	0.01007			
Min	0.31557	0.75199	0.12853	0.43680	0.77970	0.15624	-0.00244	0.65458	0.01007			
Max	0.37792	2.71590	0.72082	0.46797	2.96182	0.71736	0.00381	1.90293	0.35736			
Std Dev	0.04409	1.38869	0.41881	0.02204	1.54299	0.39677	0.00442	0.88272	0.24557			
Average	0.34675	1.73395	0.42468	0.45239	1.87076	0.43680	0.00069	1.27876	0.18372			
+3 Sigma	0.47901	5.90003	1.68111	0.51851	6.49974	1.62712	0.01394	3.92691	0.92043			
-3 Sigma	0.21448	-2.43214	-0.83176	0.38626	-2.75822	-0.75352	-0.01257	-1.36940	-0.55300			

SN	Iqz_avdd PDWN_HIGH AVDD@1.9V DRVDD@2.5V			VICMB_CLK AVDD@1.8V DRVDD@1.8V			VICMB_CLKn AVDD@1.8V DRVDD@1.8V		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	0.80741	0.68272	0.68272	1.23949	1.23949	1.23949	1.23975	1.23923	1.23949
50	0.46451	0.40216	0.43333	1.24441	1.24208	1.24441	1.24415	1.24234	1.24441
2	0.55803	4.17411	1.5244	1.25037	1.22887	1.23923	1.25037	1.22887	1.23923
3	0.40216	1.92965	0.40216	1.24389	1.23664	1.23975	1.24441	1.23664	1.23975
5	0.37099	0.77624	1.49322	1.23405	1.23042	1.23405	1.23405	1.22913	1.23405
6	0.46451	1.43088	0.2463	1.23405	1.22628	1.23120	1.23405	1.22628	1.23146
45	0.77624	3.27009	0.77624	1.22628	1.20582	1.21851	1.22628	1.20582	1.21877
46	0.65155	3.64417	1.0568	1.22447	1.21074	1.22110	1.22602	1.21074	1.22110
47	0.68272	3.05188	0.74507	1.23146	1.21618	1.22628	1.23146	1.21592	1.22628
48	0.43333	0.80741	0.18395	1.23146	1.22421	1.22887	1.23146	1.22473	1.22887
Min	0.43333	0.80741	0.18395	1.23146	1.21618	1.22628	1.23146	1.21592	1.22628
Max	0.68272	3.05188	0.74507	1.23146	1.22421	1.22887	1.23146	1.22473	1.22887
Std Dev	0.17635	1.58708	0.39677	0.00000	0.00568	0.00183	0.00000	0.00623	0.00183
Average	0.55803	1.92965	0.46451	1.23146	1.22020	1.22758	1.23146	1.22033	1.22758
+3 Sigma	1.08706	6.69088	1.65483	1.23146	1.23723	1.23307	1.23146	1.23901	1.23307
-3 Sigma	0.02899	-2.83159	-0.72581	1.23146	1.20316	1.22208	1.23146	1.20164	1.22208

SN	VICMB_CLK AVDD@1.8V DRVDD@2.5V			VICMB_CLKn AVDD@1.8V DRVDD@2.5V			VICMB_CLK AVDD@1.8V DRVDD@3.3V		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	1.24182	1.23949	1.2413	1.24156	1.23949	1.24027	1.24182	1.24156	1.24182
50	1.24441	1.24311	1.24441	1.24441	1.24286	1.24441	1.24493	1.24441	1.24441
2	1.25218	1.22887	1.23923	1.25192	1.22887	1.23923	1.25218	1.22887	1.23923
3	1.24389	1.23664	1.24053	1.24415	1.23664	1.23923	1.24441	1.23664	1.24156
5	1.23405	1.22965	1.23405	1.23457	1.23042	1.23405	1.23431	1.23094	1.23483
6	1.23431	1.22628	1.2312	1.23405	1.22628	1.23146	1.23509	1.22758	1.23198
45	1.22628	1.20712	1.21903	1.22628	1.20608	1.22032	1.22628	1.20763	1.22110
46	1.22628	1.211	1.2211	1.22524	1.21100	1.22110	1.22628	1.21281	1.22188
47	1.23224	1.21825	1.22628	1.23276	1.21773	1.22628	1.23379	1.21799	1.22732
48	1.23146	1.22369	1.22887	1.23146	1.22395	1.22861	1.23172	1.22602	1.22887
Min	1.23146	1.21825	1.22628	1.23146	1.21773	1.22628	1.23172	1.21799	1.22732
Max	1.23224	1.22369	1.22887	1.23276	1.22395	1.22861	1.23379	1.22602	1.22887
Std Dev	0.00055	0.00385	0.00183	0.00092	0.00440	0.00165	0.00146	0.00568	0.00110
Average	1.23185	1.22097	1.22758	1.23211	1.22084	1.22745	1.23276	1.22201	1.22810
+3 Sigma	1.23350	1.23251	1.23307	1.23487	1.23403	1.23239	1.23715	1.23904	1.23138
-3 Sigma	1.23020	1.20943	1.22208	1.22935	1.20765	1.22250	1.22836	1.20497	1.22481

SN	VICMB_CLKn AVDD@1.8V DRVDD@3.3V		V	Gain Error AVDD@1.8v DVDD@1.8v			FSR	Offset Error AVDD@1.8v DVDD@1.8v		FSR
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr	
1	1.24208	1.24156	1.24182	-3.59008	-3.83659	-3.66540	-0.1525	-0.1525	-0.15555	
50	1.2457	1.24415	1.24441	-3.56269	-3.81604	-3.57638	-0.31720	-0.31415	-0.31720	
2	1.25218	1.22913	1.23949	-3.56269	-3.26825	-3.52845	-0.27450	-0.27755	-0.27145	
3	1.24441	1.23664	1.24182	-3.56954	-3.76127	-3.65171	-0.27145	-0.27145	-0.26535	
5	1.23483	1.2312	1.23405	-3.63116	-3.87082	-3.82289	-0.24400	-0.25315	-0.24400	
6	1.23509	1.22732	1.23146	-3.67225	-4.00777	-3.91876	-0.20130	-0.19825	-0.20130	
45	1.22628	1.20737	1.2211	-3.49422	-3.32303	-3.69964	-0.30500	-0.29585	-0.30500	
46	1.22628	1.21307	1.22162	-3.54900	-3.53530	-3.61062	-0.14640	-0.15250	-0.14335	
47	1.23379	1.21851	1.2268	-3.43944	-3.17239	-3.59008	-0.34770	-0.34465	-0.34770	
48	1.23198	1.22628	1.22965	-3.67910	-3.95984	-3.94615	-0.28975	-0.28060	-0.28670	
Min	1.23198	1.21851	1.22680	-3.67910	-3.95984	-3.94615	-0.34770	-0.34465	-0.34770	
Max	1.23379	1.22628	1.22965	-3.43944	-3.17239	-3.59008	-0.28975	-0.28060	-0.28670	
Std Dev	0.00128	0.00549	0.00202	0.16947	0.55681	0.25178	0.04098	0.04529	0.04313	
Average	1.23289	1.22240	1.22823	-3.55927	-3.56611	-3.76811	-0.31873	-0.31263	-0.31720	
+3 Sigma	1.23672	1.23888	1.23427	-3.05087	-1.89568	-3.01277	-0.19579	-0.17675	-0.18780	
-3 Sigma	1.22905	1.20591	1.22218	-4.06766	-5.23655	-4.52345	-0.44166	-0.44850	-0.44660	

SN	DNL Min AVDD@1.8v DVDD@1.8v			DNL Max AVDD@1.8v DVDD@1.8v			INL Min AVDD@1.8v DVDD@1.8v		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	-0.30653	-0.29803	-0.26505	0.40828	0.4645	0.38394	-1.19912	-1.18503	-1.22758
50	-0.2817	-0.35368	-0.30038	0.42984	0.43987	0.51703	-1.24274	-1.35701	-1.39654
2	-0.34995	-0.33566	-0.328	1.11850	0.49023	0.56785	-1.37436	-2.03716	-1.32210
3	-0.33666	-0.28475	-0.28059	0.37209	0.41117	0.33536	-1.15226	-1.10233	-1.10328
5	-0.26658	-0.31114	-0.2924	0.30299	0.44878	0.34839	-1.42097	-1.24668	-1.59657
6	-0.28475	-0.26488	-0.26449	0.39742	0.46103	0.40796	-1.18988	-1.20839	-1.20535
45	-0.32935	-0.38341	-0.32215	0.70722	0.72012	0.70620	-1.37482	-1.67870	-1.06346
46	-0.30714	-0.42069	-0.3629	0.39372	0.55254	0.47895	-1.14018	-1.45951	-1.24717
47	-0.28433	-0.29652	-0.27872	0.42416	0.56871	0.45747	-1.28724	-1.88073	-1.43261
48	-0.37766	-0.28085	-0.30235	0.34189	0.36186	0.32736	-1.36989	-1.29790	-1.29369
Min	-0.37766	-0.29652	-0.30235	0.34189	0.36186	0.32736	-1.36989	-1.88073	-1.43261
Max	-0.28433	-0.28085	-0.27872	0.42416	0.56871	0.45747	-1.28724	-1.29790	-1.29369
Std Dev	0.06599	0.01108	0.01671	0.05817	0.14627	0.09200	0.05844	0.41212	0.09823
Average	-0.33100	-0.28869	-0.29054	0.38303	0.46529	0.39242	-1.32857	-1.58932	-1.36315
+3 Sigma	-0.13301	-0.25544	-0.24041	0.55755	0.90408	0.66842	-1.15324	-0.35295	-1.06846
-3 Sigma	-0.52898	-0.32193	-0.34066	0.20850	0.02649	0.11641	-1.50389	-2.82568	-1.65784

SN	INL Max AVDD@1.8v DVDD@1.8v		LSB	Gain Error AVDD@1.8v DVDD@3.3v		FSR	Offset Error AVDD@1.8v DVDD@3.3v		FSR
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	1.51418	1.74739	1.75103	-3.57752	-3.83773	-3.66654	-0.1586	-0.1586	-0.16165
50	1.68157	1.83381	1.74446	-3.55698	-3.81718	-3.57752	-0.31415	-0.31415	-0.31720
2	2.74232	1.49499	2.06878	-3.55698	-3.26939	-3.52959	-0.27755	-0.28975	-0.26535
3	1.99681	2.31586	2.1516	-3.57068	-3.76241	-3.64600	-0.26535	-0.27145	-0.26840
5	1.29317	1.78269	1.50245	-3.62546	-3.88566	-3.83773	-0.24095	-0.25925	-0.24400
6	2.22498	2.50792	2.33848	-3.65285	-4.00206	-3.91305	-0.19825	-0.19520	-0.20435
45	1.72147	1.46188	1.78683	-3.50220	-3.33102	-3.70078	-0.30195	-0.31110	-0.30500
46	1.96464	2.67367	2.38953	-3.55014	-3.52275	-3.61176	-0.14030	-0.14640	-0.13115
47	1.46076	1.27086	1.80696	-3.44742	-3.18037	-3.59807	-0.34465	-0.35990	-0.33855
48	2.16919	2.7267	2.6176	-3.65969	-3.94044	-3.94729	-0.27450	-0.27145	-0.26840
Min	1.46076	1.27086	1.80696	-3.65969	-3.94044	-3.94729	-0.34465	-0.35990	-0.33855
Max	2.16919	2.72670	2.61760	-3.44742	-3.18037	-3.59807	-0.27450	-0.27145	-0.26840
Std Dev	0.50094	1.02943	0.57321	0.15010	0.53745	0.24694	0.04960	0.06254	0.04960
Average	1.81498	1.99878	2.21228	-3.55356	-3.56041	-3.77268	-0.30958	-0.31568	-0.30348
+3 Sigma	3.31778	5.08708	3.93191	-3.10326	-1.94805	-3.03187	-0.16076	-0.12804	-0.15466
-3 Sigma	0.31217	-1.08952	0.49265	-4.00385	-5.17276	-4.51349	-0.45839	-0.50331	-0.45229

SN	DNL Min AVDD@1.8v DVDD@3.3v			DNL Max AVDD@1.8v DVDD@3.3v			INL Min AVDD@1.8v DVDD@3.3v		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	-0.38472	-0.47672	-0.33589	0.56103	0.52183	0.39382	-1.75944	-1.77263	-1.85039
50	-0.45271	-0.4758	-0.43179	0.54370	0.50601	0.67007	-2.21087	-2.56496	-2.19392
2	-0.56532	-0.47413	-0.46473	0.52394	0.59677	0.47748	-1.61486	-2.23375	-1.73099
3	-0.4624	-0.45059	-0.44807	0.42010	0.39866	0.39659	-1.54453	-1.68296	-1.74909
5	-0.43952	-0.4425	-0.36955	0.30341	0.48830	0.41019	-2.13700	-2.27811	-2.08384
6	-0.36961	-0.44094	-0.48058	0.44373	0.39490	0.35057	-1.24021	-1.48665	-1.55008
45	-0.48642	-0.48512	-0.49011	0.69857	0.98499	0.70609	-1.74620	-2.50641	-1.89756
46	-0.45393	-0.56166	-0.46635	0.37833	0.56369	0.51959	-1.61392	-2.19337	-1.91795
47	-0.45762	-0.3929	-0.44406	0.44992	0.60120	0.43716	-2.25458	-2.75878	-2.37389
48	-0.41564	-0.3955	-0.40689	0.35363	0.39430	0.42279	-1.84580	-2.02587	-2.08927
Min	-0.45762	-0.39550	-0.44406	0.35363	0.39430	0.42279	-2.25458	-2.75878	-2.37389
Max	-0.41564	-0.39290	-0.40689	0.44992	0.60120	0.43716	-1.84580	-2.02587	-2.08927
Std Dev	0.02968	0.00184	0.02628	0.06809	0.14630	0.01016	0.28905	0.51825	0.20126
Average	-0.43663	-0.39420	-0.42548	0.40178	0.49775	0.42998	-2.05019	-2.39233	-2.23158
+3 Sigma	-0.34758	-0.38868	-0.34663	0.60604	0.93665	0.46046	-1.18304	-0.83759	-1.62781
-3 Sigma	-0.52568	-0.39972	-0.50432	0.19751	0.05885	0.39949	-2.91734	-3.94706	-2.83535

SN	INL Max AVDD@1.8v DVDD@3.3v		LSB	Gain Error AVDD@1.8v DVDD@2.5v		FSR	Offset Error AVDD@1.8v DVDD@2.5v		FSR
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	1.66191	2.03345	2.02905	-3.582085	-3.828595	-3.677955	-0.16165	-0.16165	-0.15555
50	1.92113	1.90073	1.99631	-3.55470	-3.81490	-3.57524	-0.31415	-0.31415	-0.32330
2	2.06883	1.55882	2.21561	-3.54786	-3.25342	-3.51362	-0.26840	-0.28365	-0.26535
3	2.16513	2.42002	2.31918	-3.57524	-3.73958	-3.64372	-0.26840	-0.27450	-0.27450
5	1.38899	1.69545	1.39662	-3.62318	-3.86284	-3.82860	-0.24095	-0.25620	-0.24705
6	2.35095	2.63505	2.46251	-3.66426	-3.99294	-3.91077	-0.20435	-0.19825	-0.21045
45	1.59042	1.35774	1.75741	-3.49308	-3.31504	-3.69850	-0.30500	-0.30500	-0.30500
46	2.05825	2.82463	2.619	-3.54101	-3.52047	-3.60948	-0.14945	-0.15250	-0.14335
47	1.65467	1.54085	1.9773	-3.43145	-3.15755	-3.58894	-0.34465	-0.35685	-0.34160
48	2.22186	2.6299	2.50069	-3.66426	-3.93131	-3.93816	-0.28365	-0.28060	-0.27755
Min	1.65467	1.54085	1.97730	-3.66426	-3.93131	-3.93816	-0.34465	-0.35685	-0.34160
Max	2.22186	2.62990	2.50069	-3.43145	-3.15755	-3.58894	-0.28365	-0.28060	-0.27755
Std Dev	0.40106	0.77007	0.37009	0.16462	0.54713	0.24694	0.04313	0.05392	0.04529
Average	1.93827	2.08538	2.23900	-3.54785	-3.54443	-3.76355	-0.31415	-0.31873	-0.30958
+3 Sigma	3.14146	4.39560	3.34927	-3.05399	-1.90303	-3.02274	-0.18475	-0.15697	-0.17370
-3 Sigma	0.73507	-0.22485	1.12872	-4.04171	-5.18582	-4.50435	-0.44355	-0.48048	-0.44545

SN	DNL Min AVDD@1.8v DVDD@2.5v		LSB	DNL Max AVDD@1.8v DVDD@2.5v		LSB	INL Min AVDD@1.8v DVDD@2.5v		LSB
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	-0.2586	-0.2798	-0.27479	0.47588	0.4138	0.37101	-1.17082	-1.0837	-1.06118
50	-0.273	-0.29837	-0.32356	0.51123	0.46024	0.56364	-1.40337	-1.49672	-1.43154
2	-0.35234	-0.3351	-0.29777	0.45109	0.58471	0.49979	-1.26631	-1.96579	-1.40907
3	-0.27482	-0.30739	-0.34741	0.32461	0.36435	0.34769	-1.01359	-1.15898	-1.10591
5	-0.28299	-0.2755	-0.24955	0.25533	0.44188	0.33918	-1.53092	-1.58491	-1.70088
6	-0.2572	-0.2698	-0.31214	0.30778	0.36546	0.34217	-1.18969	-1.22285	-1.24959
45	-0.34605	-0.39627	-0.34114	0.69401	0.77060	0.67738	-1.17541	-1.92295	-1.23104
46	-0.32145	-0.46301	-0.32577	0.37719	0.53789	0.43235	-1.15318	-1.38604	-1.18203
47	-0.25935	-0.31384	-0.27786	0.44098	0.54792	0.43781	-1.46080	-2.07622	-1.56308
48	-0.25795	-0.28279	-0.33201	0.29399	0.31358	0.33787	-1.17760	-1.40362	-1.42147
Min	-0.25935	-0.31384	-0.33201	0.29399	0.31358	0.33787	-1.46080	-2.07622	-1.56308
Max	-0.25795	-0.28279	-0.27786	0.44098	0.54792	0.43781	-1.17760	-1.40362	-1.42147
Std Dev	0.00099	0.02196	0.03829	0.10394	0.16570	0.07067	0.20025	0.47560	0.10013
Average	-0.25865	-0.29832	-0.30494	0.36749	0.43075	0.38784	-1.31920	-1.73992	-1.49228
+3 Sigma	-0.25568	-0.23245	-0.19007	0.67930	0.92786	0.59984	-0.71844	-0.31312	-1.19187
-3 Sigma	-0.26162	-0.36418	-0.41980	0.05567	-0.06636	0.17584	-1.91996	-3.16672	-1.79268

SN	INL Max AVDD@1.8v DVDD@2.5v		LSB	sinad -1dBfs@2.4MHz		dB	snrn -1dBfs@2.4MHz		dB
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	1.50845	1.90912	1.81543	71.43953	71.51394	71.54198	71.95909	72.07094	72.07045
50	1.5575	1.79188	1.66063	71.44618	71.33633	71.24282	72.11517	71.82635	71.85686
2	1.81624	1.29137	2.156	71.15742	71.27573	70.99352	72.04017	71.89823	71.89303
3	2.07848	2.36756	2.28187	71.63997	71.34257	71.53753	72.28951	72.02958	72.00874
5	1.18858	1.55527	1.28273	71.80488	71.42397	71.65006	72.26786	71.87262	72.08376
6	2.27858	2.51937	2.42328	71.17448	71.22112	71.28915	72.12726	72.20704	72.25587
45	1.58858	1.24997	1.68558	71.45625	71.69952	71.35795	72.09424	72.14729	72.02338
46	1.99007	2.72472	2.44938	71.45422	71.14387	71.25087	72.03815	72.17928	72.01189
47	1.34895	1.27699	1.87958	71.40872	71.46367	71.48997	72.10616	72.04192	72.13235
48	2.20261	2.63337	2.55513	71.61094	71.43085	71.50196	72.29636	72.03851	72.17245
Min	1.34895	1.27699	1.87958	71.40872	71.43085	71.48997	72.10616	72.03851	72.13235
Max	2.20261	2.63337	2.55513	71.61094	71.46367	71.50196	72.29636	72.04192	72.17245
Std Dev	0.60363	0.95911	0.47769	0.14299	0.02321	0.00848	0.13449	0.00241	0.02835
Average	1.77578	1.95518	2.21736	71.50983	71.44726	71.49597	72.20126	72.04022	72.15240
+3 Sigma	3.58667	4.83250	3.65041	71.93880	71.51688	71.52140	72.60474	72.04745	72.23746
-3 Sigma	-0.03511	-0.92214	0.78430	71.08086	71.37764	71.47053	71.79778	72.03298	72.06734

SN	2nd_harm@2.4MHz			3rd_harm@2.4MHz			wo_spur@2.4MHz		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	88.02213	86.81602	87.9294	82.21976	82.12792	82.30174	95.69058	97.15785	94.38975
50	88.34284	88.36666	89.34587	80.66964	82.01714	80.63905	95.31189	96.80992	97.02731
2	82.4911	96.32762	82.08249	80.83691	80.24663	80.70441	97.31056	96.98691	96.04974
3	83.10524	82.32037	84.12598	83.66343	83.58345	85.18275	96.74156	96.76321	96.38791
5	93.63654	89.20526	91.39262	82.46139	82.65859	82.76698	94.32399	94.38873	97.03714
6	80.27093	79.78513	79.87026	82.74889	83.49638	83.69975	93.62509	96.27634	97.48498
45	84.76489	95.79005	83.91734	82.03960	82.21783	82.13471	95.97569	97.39503	95.81421
46	83.14502	82.39001	82.91028	83.91085	79.96117	81.67786	96.63494	95.64201	95.48465
47	85.47108	95.65603	86.50394	81.36602	80.90958	81.38405	94.67956	94.59440	98.84602
48	84.12041	85.66801	85.49136	83.22134	82.56418	82.11065	90.89413	91.19424	91.76803
Min	84.12041	85.66801	85.49136	81.36602	80.90958	81.38405	90.89413	91.19424	91.76803
Max	85.47108	95.65603	86.50394	83.22134	82.56418	82.11065	94.67956	94.59440	98.84602
Std Dev	0.95507	7.06260	0.71600	1.31191	1.16998	0.51378	2.67670	2.40428	5.00489
Average	84.79575	90.66202	85.99765	82.29368	81.73688	81.74735	92.78685	92.89432	95.30703
+3 Sigma	87.66095	111.84981	88.14566	86.22941	85.24682	83.28870	100.81695	100.10715	110.32171
-3 Sigma	81.93054	69.47423	83.84964	78.35795	78.22694	80.20600	84.75674	85.68149	80.29234

SN	SFDR@2.4MHz		dB	ENOB@2.4MHz		Bits	sinad -1dBfs@69MHz		dB
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	82.21976	82.12792	82.30174	11.57467	11.58703	11.59169	70.97066	70.79552	71.18422
50	80.66964	82.01714	80.63905	11.57578	11.55753	11.54200	71.12203	70.98247	70.87776
2	80.83691	80.24663	80.70441	11.52781	11.54746	11.50058	71.10687	71.18298	71.17617
3	83.10524	82.32037	84.12598	11.60797	11.55857	11.59095	71.72241	71.34241	71.45325
5	82.46139	82.65859	82.76698	11.63536	11.57209	11.60964	70.99050	70.55820	70.75869
6	80.27093	79.78513	79.87026	11.53064	11.53839	11.54969	71.68755	71.54420	71.58946
45	82.0396	82.21783	82.13471	11.57745	11.61786	11.56112	71.31664	71.54420	71.30831
46	83.14502	79.96117	81.67786	11.57711	11.52556	11.54333	71.42523	71.23389	71.38988
47	81.36602	80.90958	81.38405	11.56956	11.57868	11.58305	71.04924	71.41615	71.23419
48	83.22134	82.56418	82.11065	11.60315	11.57323	11.58504	71.12764	71.04109	71.05775
Min	81.36602	80.90958	81.38405	11.56956	11.57323	11.58305	71.04924	71.04109	71.05775
Max	83.22134	82.56418	82.11065	11.60315	11.57868	11.58504	71.12764	71.41615	71.23419
Std Dev	1.31191	1.16998	0.51378	0.02375	0.00385	0.00141	0.05544	0.26521	0.12476
Average	82.29368	81.73688	81.74735	11.58636	11.57596	11.58405	71.08844	71.22862	71.14597
+3 Sigma	86.22941	85.24682	83.28870	11.65761	11.58752	11.58827	71.25475	72.02424	71.52026
-3 Sigma	78.35795	78.22694	80.20600	11.51510	11.56439	11.57982	70.92213	70.43300	70.77168

SN	snrn -1dBfs@69MHz		dB	2nd_harm@69MHz		dB	3rd_harm@69MHz		dB
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	71.69299	71.66873	72.05715	81.40585	80.27622	80.16663	83.404	82.93905	84.07777
50	71.69228	71.74924	71.53653	83.55819	82.50679	82.48460	83.19258	81.52995	82.59302
2	71.63081	71.50482	71.76768	86.64461	93.46780	85.72922	82.16235	83.16950	81.78767
3	71.93523	71.76097	71.84879	87.97311	85.39778	86.07224	88.16601	84.83852	84.57578
5	71.77821	71.53265	71.71584	80.74384	79.30355	79.81580	83.60704	82.86511	82.57908
6	71.85664	71.76659	71.82753	92.50729	91.07874	92.26089	87.27141	86.77447	85.68829
45	71.87506	71.71062	71.85627	83.59082	88.43594	82.91660	84.13702	89.89594	84.65137
46	71.75917	71.77518	71.86919	86.58050	84.73428	85.36113	85.44518	82.92449	83.52126
47	71.70101	71.81503	71.92496	82.23626	86.01336	82.66681	83.68614	84.94901	82.82605
48	71.97935	71.79057	71.76376	82.86097	82.50919	82.74334	81.38631	82.51482	82.81979
Min	71.70101	71.79057	71.76376	82.23626	82.50919	82.66681	81.38631	82.51482	82.81979
Max	71.97935	71.81503	71.92496	82.86097	86.01336	82.74334	83.68614	84.94901	82.82605
Std Dev	0.19682	0.01730	0.11399	0.44174	2.47782	0.05411	1.62623	1.72123	0.00443
Average	71.84018	71.80280	71.84436	82.54862	84.26128	82.70508	82.53623	83.73192	82.82292
+3 Sigma	72.43063	71.85469	72.18632	83.87383	91.69474	82.86742	87.41490	88.89561	82.83620
-3 Sigma	71.24973	71.75091	71.50240	81.22340	76.82781	82.54273	77.65755	78.56822	82.80964

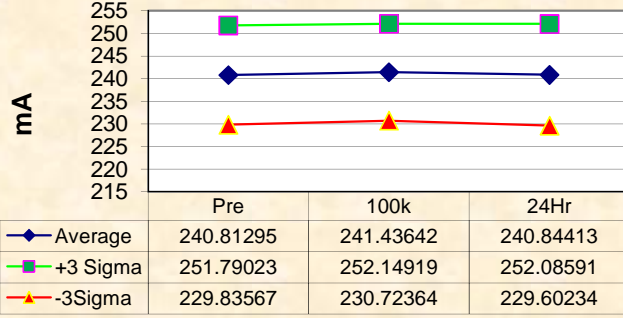
SN	wo_spur@69MHz		SFDR@69MHz			ENOB@69MHz			Bits
	Pre	100k	dB			dB			24Hr
1	94.95063	93.3717	95.37013	81.40585	80.27622	80.16663	11.49679	11.4677	11.53226
50	93.95824	95.64816	91.72967	83.19258	81.52995	82.48460	11.52193	11.49875	11.48136
2	94.60987	89.58645	92.87497	82.16235	83.16950	81.78767	11.51941	11.53206	11.53093
3	95.07491	95.07983	94.60953	87.97311	84.83852	84.57578	11.62166	11.55854	11.57695
5	96.21269	92.39608	94.02031	80.74384	79.30355	79.81580	11.50008	11.42827	11.46158
6	96.8721	94.81854	93.80197	87.27141	86.77447	85.68829	11.61587	11.59206	11.59958
45	94.04034	94.45914	93.93847	83.59082	88.43594	82.91660	11.55426	11.59206	11.55288
46	94.22449	94.67906	94.41562	85.44518	82.92449	83.52126	11.57230	11.54051	11.56643
47	93.88156	92.6051	94.93527	82.23626	84.94901	82.66681	11.50984	11.57079	11.54056
48	92.62114	92.03804	91.53858	81.38631	82.50919	82.74334	11.52286	11.50849	11.51125
Min	92.62114	92.03804	91.53858	81.38631	82.50919	82.66681	11.50984	11.50849	11.51125
Max	93.88156	92.60510	94.93527	82.23626	84.94901	82.74334	11.52286	11.57079	11.54056
Std Dev	0.89125	0.40097	2.40182	0.60101	1.72521	0.05411	0.00921	0.04405	0.02073
Average	93.25135	92.32157	93.23693	81.81129	83.72910	82.70508	11.51635	11.53964	11.52591
+3 Sigma	95.92510	93.52449	100.44239	83.61430	88.90474	82.86742	11.54397	11.67180	11.58808
-3 Sigma	90.57760	91.11865	86.03146	80.00827	78.55346	82.54273	11.48873	11.40748	11.46373

SN	VREF@1V_Internal SENSE_Floating			VREF@0.5V_Internal SENSE@VREF			VREF@1V_External SENSE@AVDD		
	Pre	100k	mV			mV			
1	11.51705	10.95259	11.48498	11.93142	10.67698	11.37739	10.88989	11.20341	10.70166
50	11.76786	11.57975	11.26611	10.86515	11.36690	10.67698	11.70516	10.95259	10.95259
2	11.078	11.39164	11.078	11.37739	11.52372	11.81644	11.39164	11.01530	11.20341
3	10.51354	8.75735	10.0745	11.46102	11.38783	11.17873	10.45084	8.25560	9.32181
5	11.51705	11.0153	11.26611	11.23101	11.50280	11.55508	12.14421	10.38802	10.70166
6	11.70516	10.82706	10.70166	11.48188	11.91050	10.86515	12.08150	10.26261	11.26611
45	10.70166	10.70166	10.82706	10.55151	11.39826	10.86515	10.95259	10.63895	9.57274
46	10.32531	8.88276	9.57274	10.47832	10.33199	10.78153	10.51354	9.44722	9.88626
47	10.38802	11.0153	9.76086	10.27972	10.95921	9.91380	10.07450	10.70166	10.01179
48	11.57975	10.45084	9.51004	11.12646	11.04283	10.26928	10.70166	10.07450	10.19990
Min	10.38802	10.45084	9.51004	10.27972	10.95921	9.91380	10.07450	10.07450	10.01179
Max	11.57975	11.01530	9.76086	11.12646	11.04283	10.26928	10.70166	10.70166	10.19990
Std Dev	0.84268	0.39913	0.17736	0.59874	0.05913	0.25136	0.44347	0.44347	0.13301
Average	10.98389	10.73307	9.63545	10.70309	11.00102	10.09154	10.38808	10.38808	10.10585
+3 Sigma	13.51193	11.93047	10.16752	12.49930	11.17840	10.84563	11.71849	11.71849	10.50489
-3 Sigma	8.45584	9.53567	9.10338	8.90688	10.82364	9.33745	9.05767	9.05767	9.70680

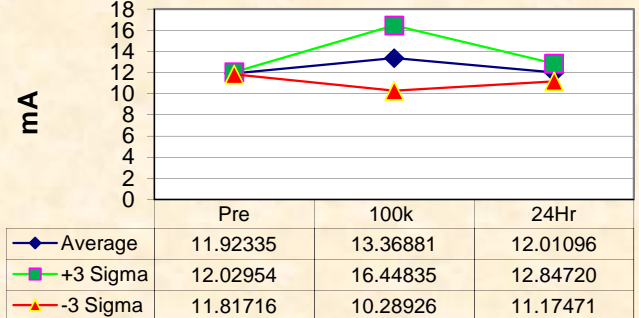
SN	SPI_FULL_PWDN_power			SPI_INTERNAL_SB_PWDN_power			SPI_EXTERNAL_SB_PWDN_power		
	Pre	100k	24Hr	Pre	100k	24Hr	Pre	100k	24Hr
1	1.78232	1.79014	1.80578	76.46149	76.5182	76.33328	100.59621	100.93363	100.95201
50	1.54869	1.34124	1.53304	77.97242	78.01091	77.83258	100.81650	100.85141	100.37891
2	1.64527	15.72393	6.32093	76.79849	62.30991	54.09664	100.30154	116.21008	107.82070
3	1.36471	7.55335	2.09757	76.33008	55.42222	77.40875	97.88468	104.70080	99.40992
5	1.413	4.41891	3.09499	75.85817	79.29193	75.97272	99.06637	102.28863	99.47184
6	1.49258	7.25274	1.21576	76.48723	55.01922	76.27229	98.79525	105.13484	99.62268
45	1.7092	13.20127	3.1671	76.59537	59.90600	77.85737	99.74747	113.77976	101.98935
46	1.73403	13.32165	3.93804	76.11963	63.93982	79.01095	100.12758	113.40112	102.97969
47	1.69356	11.45602	3.02495	77.10476	58.94567	78.23925	99.32014	114.30619	101.29321
48	1.47693	4.26383	1.04368	75.75405	78.67117	75.75336	97.51131	100.74261	97.52378
Min	1.47693	4.26383	1.04368	75.75405	58.94567	75.75336	97.51131	100.74261	97.52378
Max	1.69356	11.45602	3.02495	77.10476	78.67117	78.23925	99.32014	114.30619	101.29321
Std Dev	0.15318	5.08565	1.40097	0.95510	13.94803	1.75779	1.27904	9.59090	2.66539
Average	1.58525	7.85993	2.03432	76.42941	68.80842	76.99631	98.41573	107.52440	99.40850
+3 Sigma	2.04479	23.11686	6.23722	79.29469	110.65252	82.26967	102.25283	136.29710	107.40466
-3 Sigma	1.12570	-7.39701	-2.16859	73.56412	26.96432	71.72294	94.57862	78.75170	91.41233

SN	Iqz_drvdd PDWN_HIGH AVDD@1.8V DRVDD@1.8V			Iqz_drvdd PDWN_HIGH AVDD@1.8V DRVDD@3.3V		
	Pre	100k	24Hr	Pre	100k	24Hr
1	0.00619	-0.00006911	0.00619	0.01049	0.01049	0.00423
50	-0.0032	-0.0032	-0.00006911	0.00423	0.01049	0.00110
2	-0.00006911	2.24633	0.76646	0.00736	3.14856	1.29325
3	-0.0032	1.05743	0.13759	0.01049	1.57483	0.32648
5	0.00619	0.63505	0.00932	0.00736	0.94596	0.05116
6	0.00619	1.22638	0.04373	0.00736	1.79384	0.14815
45	-0.0032	1.87714	0.2909	0.01049	2.67925	0.61119
46	0.00306	1.76138	0.37224	-0.00516	2.52908	0.72383
47	-0.00006911	1.62372	0.26274	-0.00203	2.33510	0.54549
48	0.00306	0.54745	0.00306	0.00736	0.87400	0.03552
Min	-0.00007	0.54745	0.00306	-0.00203	0.87400	0.03552
Max	0.00306	1.62372	0.26274	0.00736	2.33510	0.54549
Std Dev	0.00221	0.76104	0.18362	0.00664	1.03315	0.36060
Average	0.00150	1.08559	0.13290	0.00267	1.60455	0.29051
+3 Sigma	0.00813	3.36870	0.68376	0.02258	4.70401	1.37231
-3 Sigma	-0.00514	-1.19753	-0.41796	-0.01725	-1.49491	-0.79130

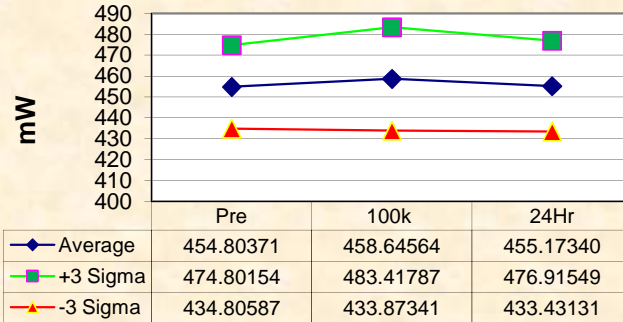
Analog Supply Current AVDD=DRVDD=1.8V



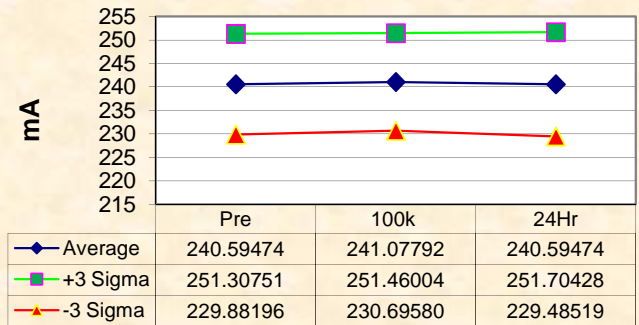
Digital Supply Current AVdd=DRVdd=1.8V



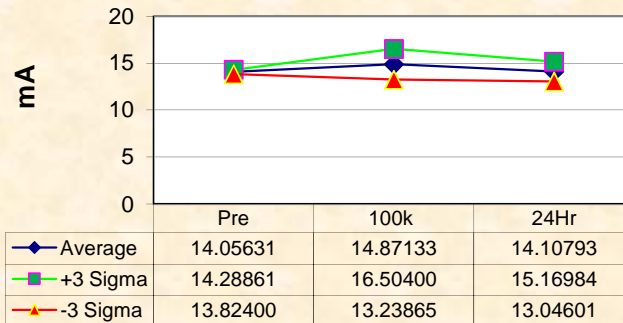
Power Dissipation AVdd=DRVdd=1.8V



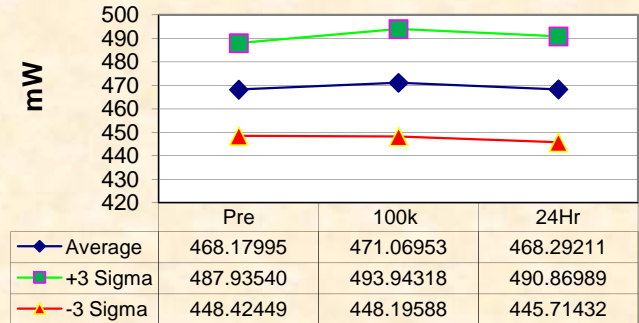
Analog Supply Current AVdd=1.8V, DRVdd=2.5V



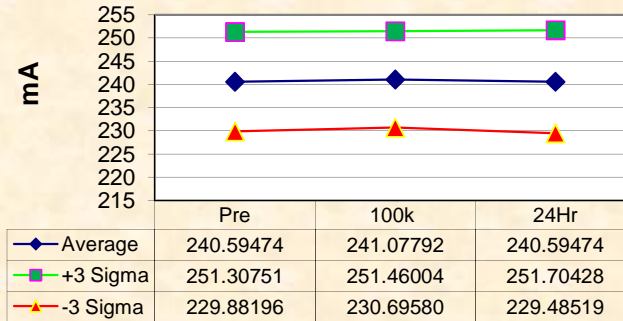
Digital Supply Current AVdd=1.8V, DRVdd=2.5V



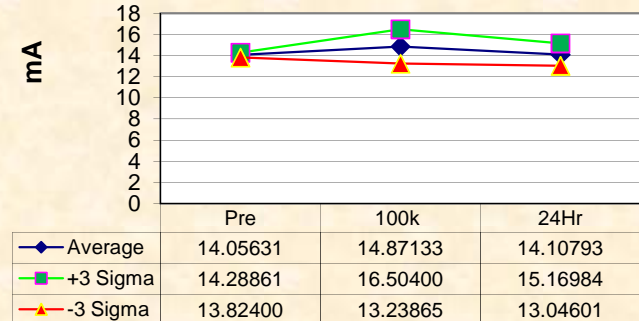
Power Dissipation AVDD=1.8V, DRVdd=2.5V

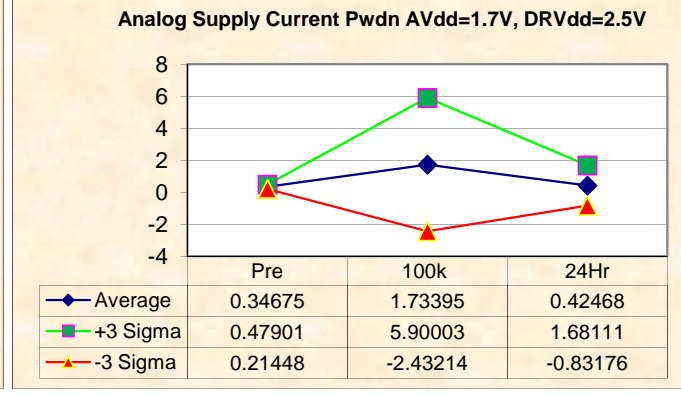
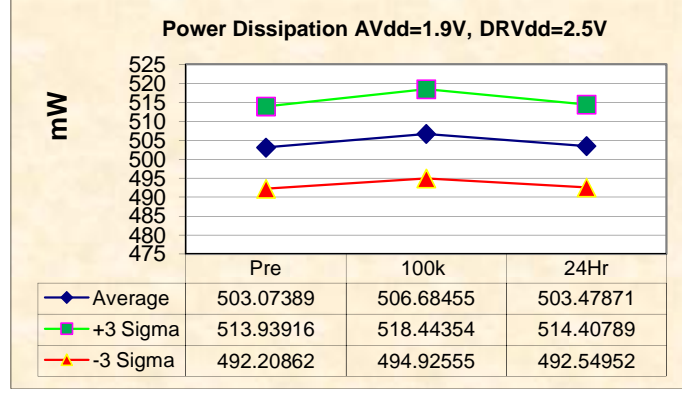
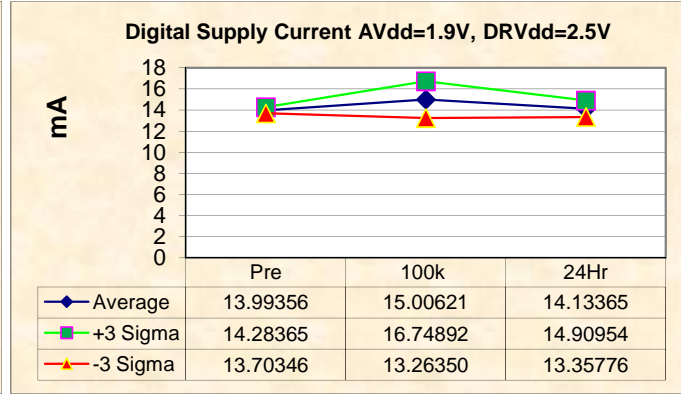
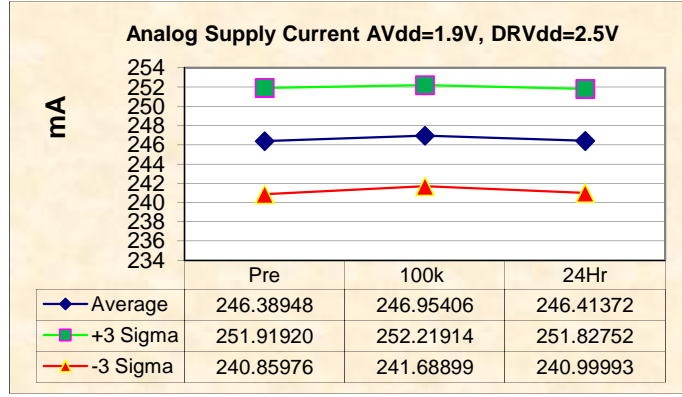
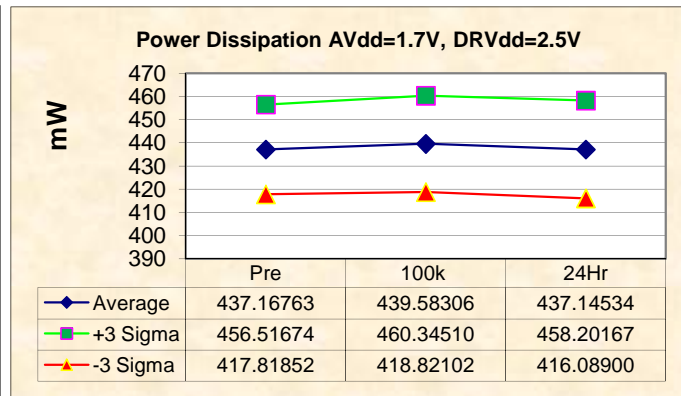
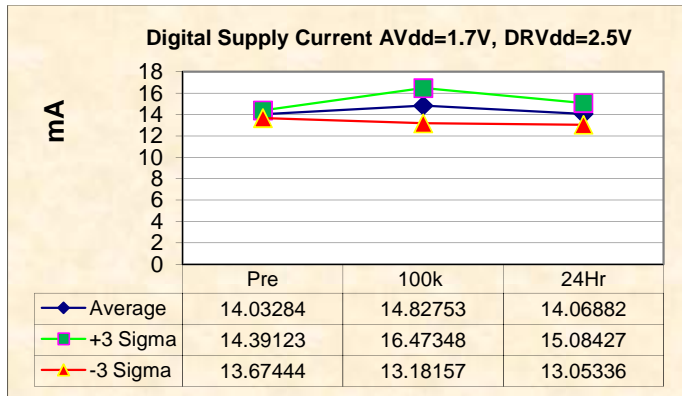
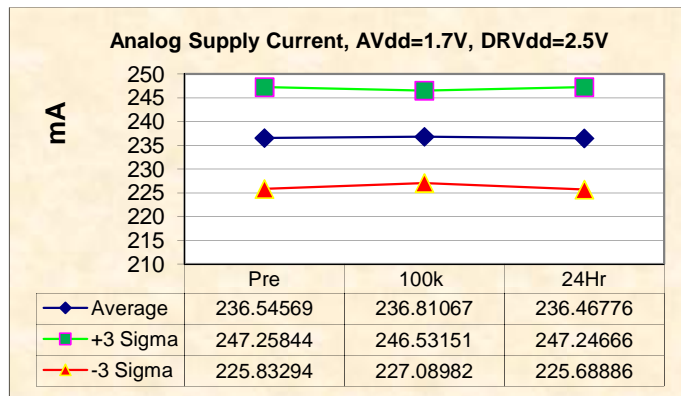
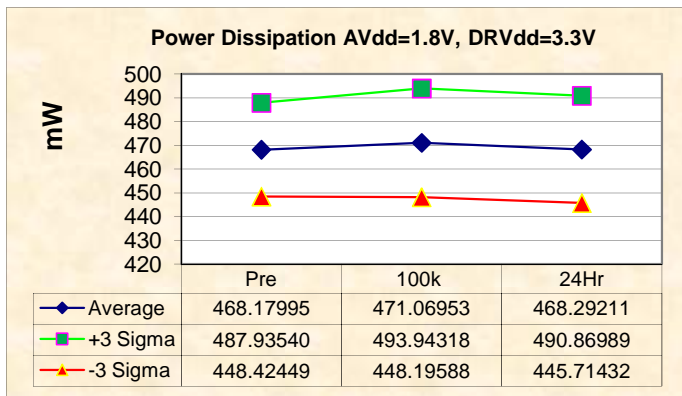


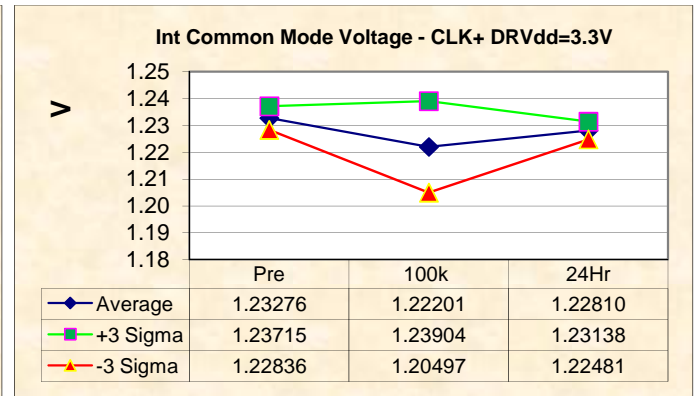
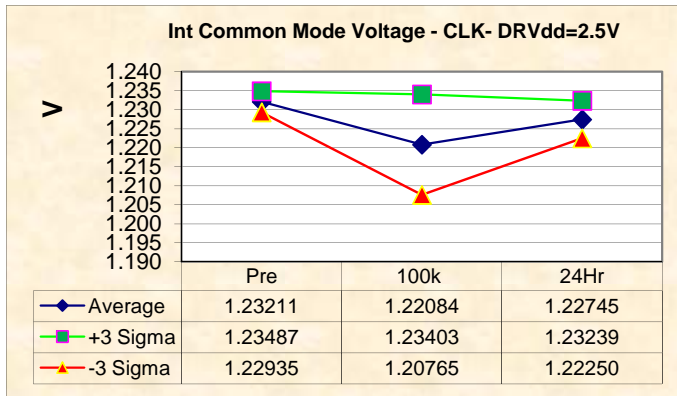
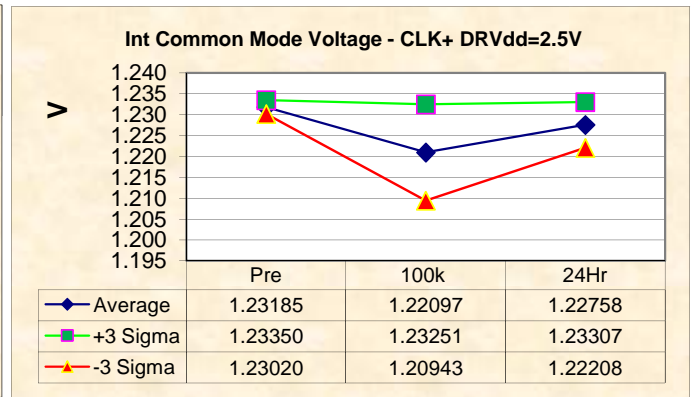
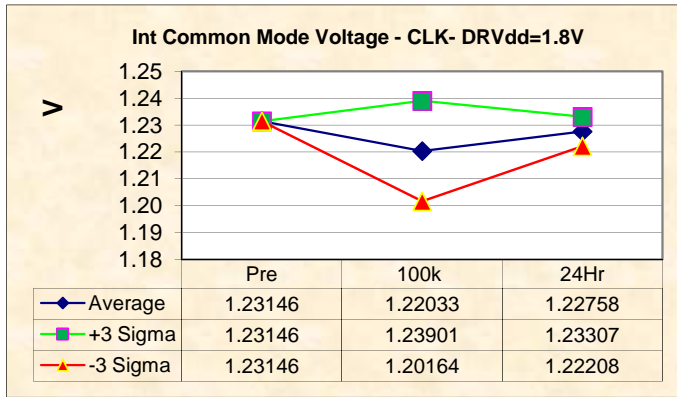
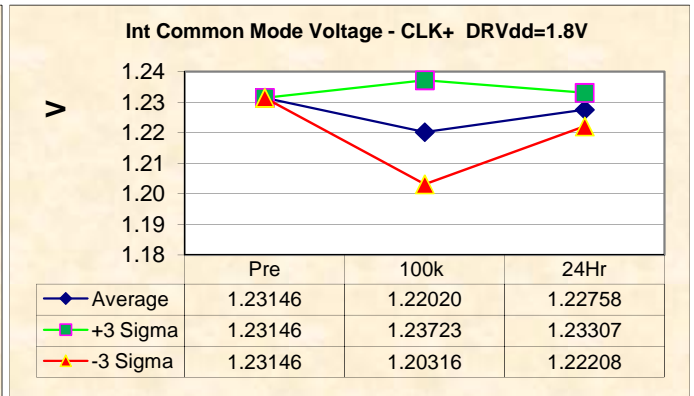
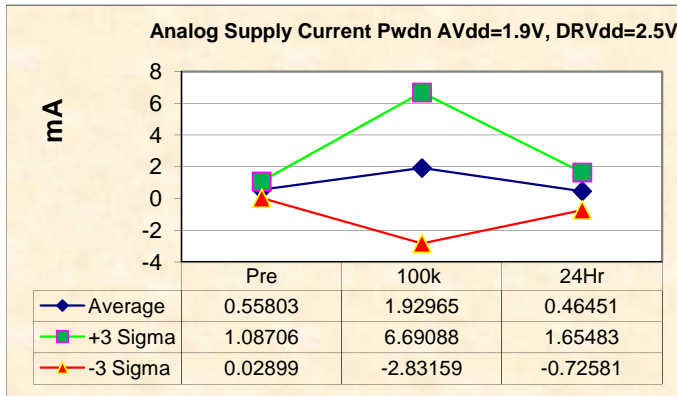
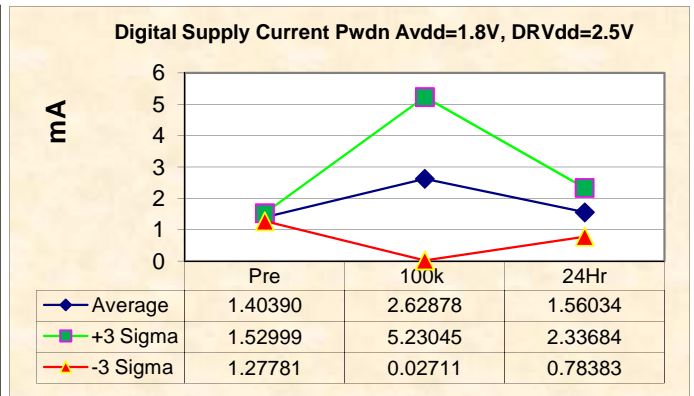
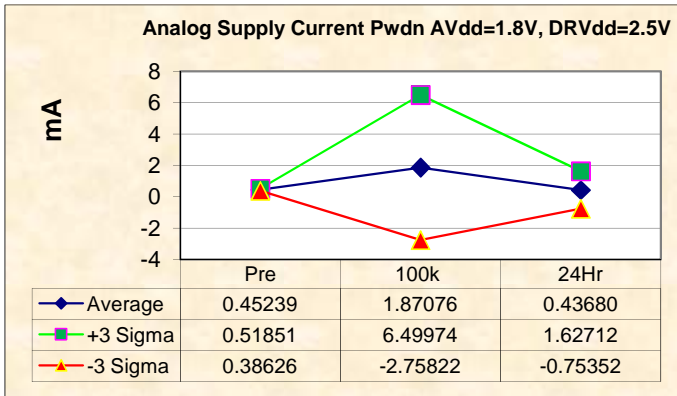
Analog Supply Current AVdd=1.8V, DRVdd=3.3V

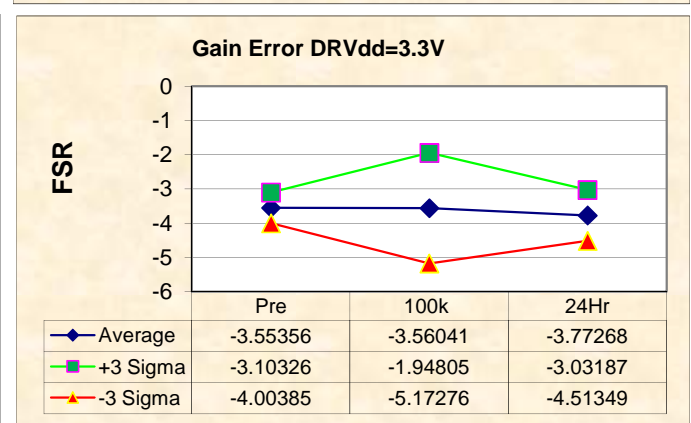
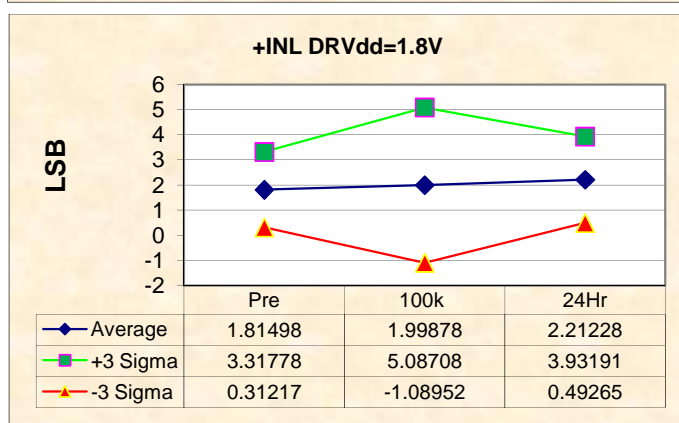
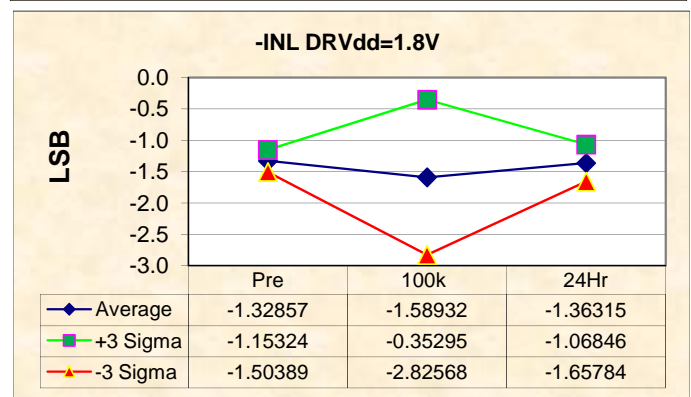
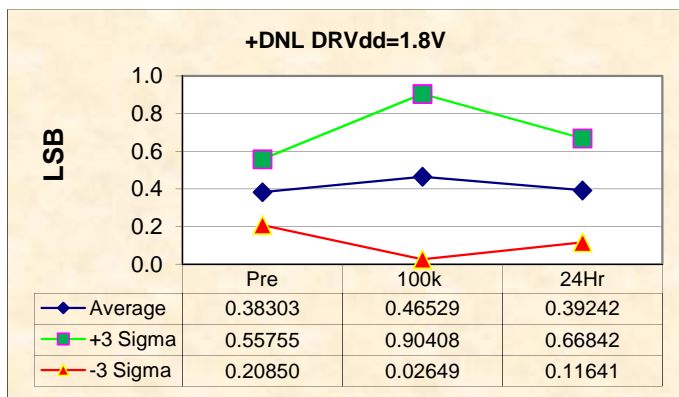
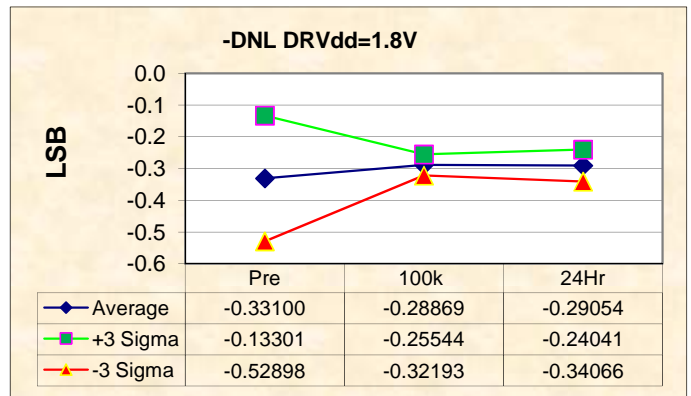
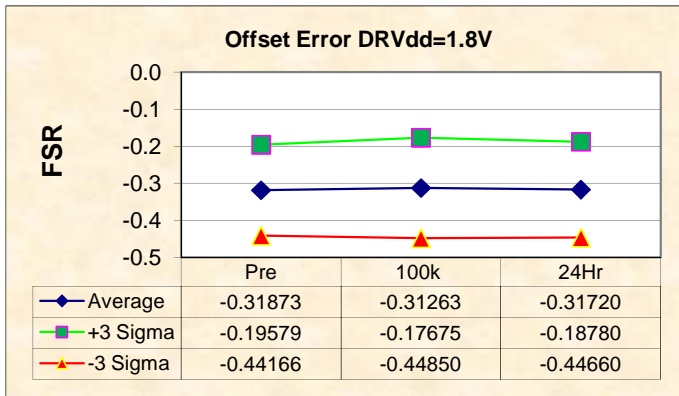
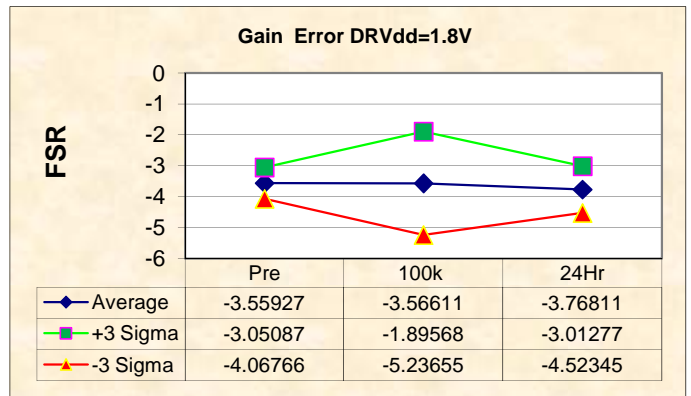
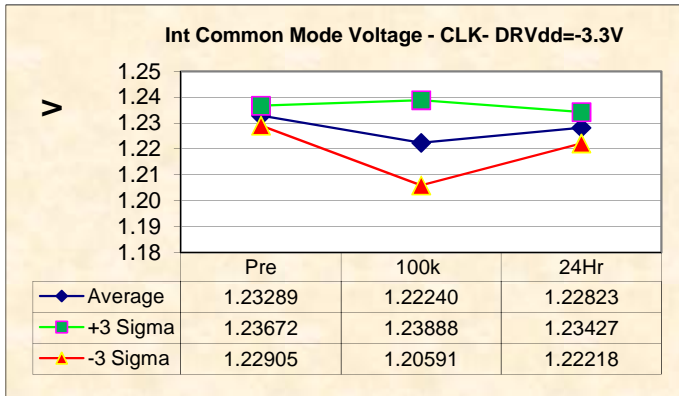


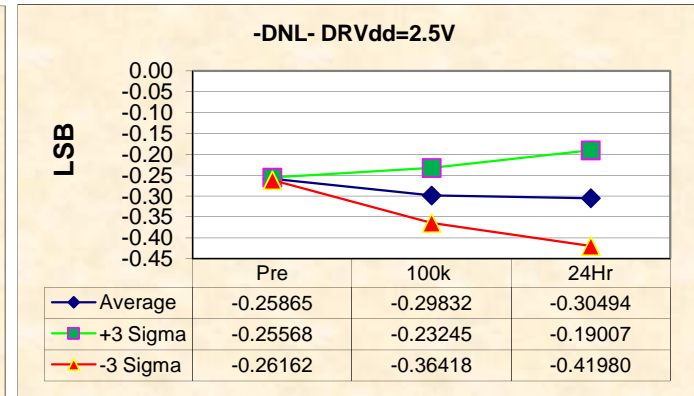
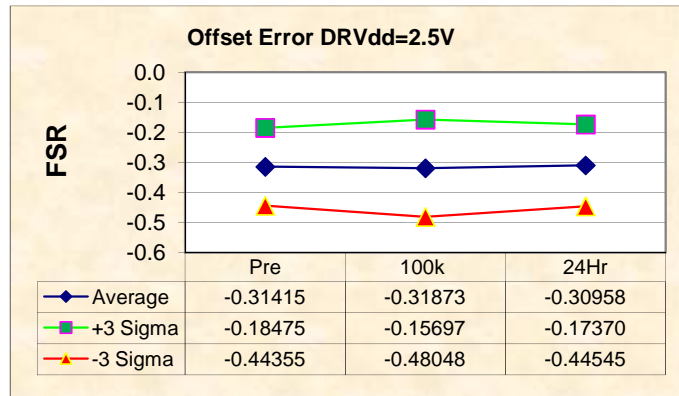
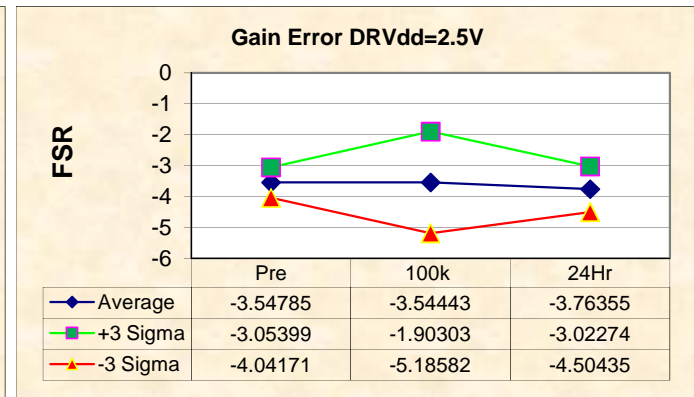
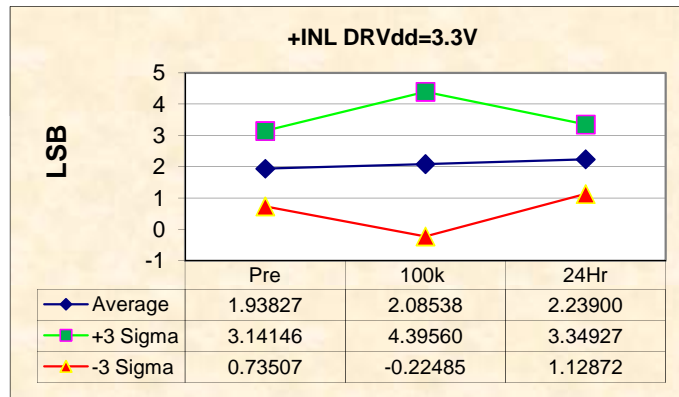
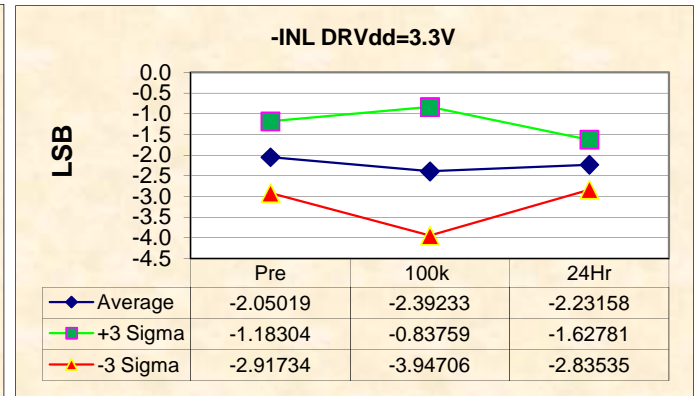
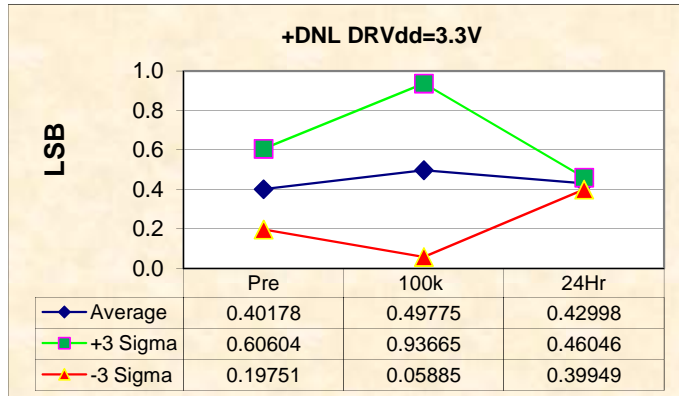
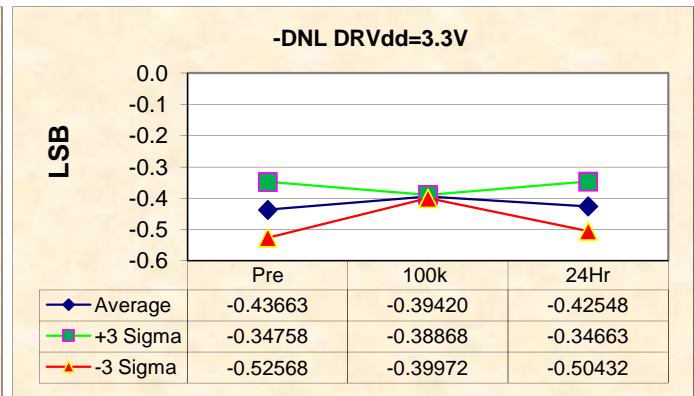
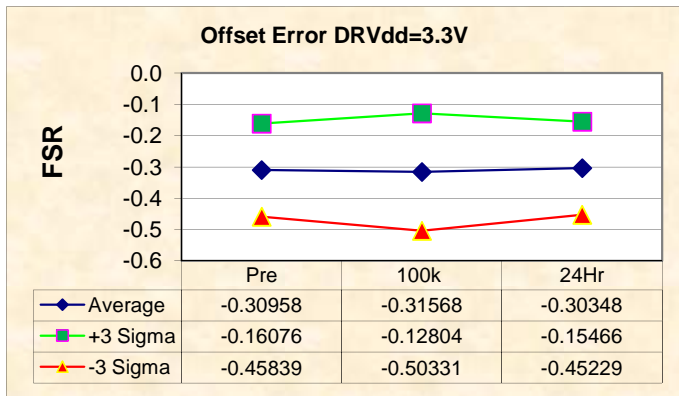
Digital Supply Current AVdd=1.8V, DRVdd=3.3V

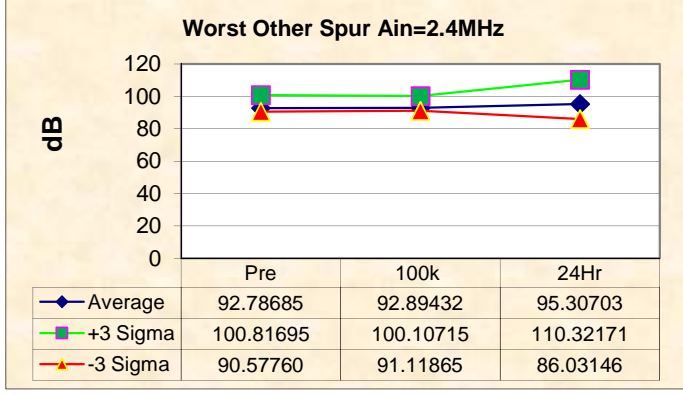
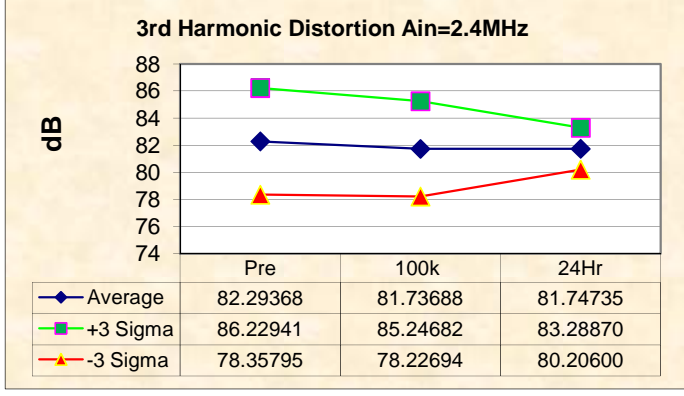
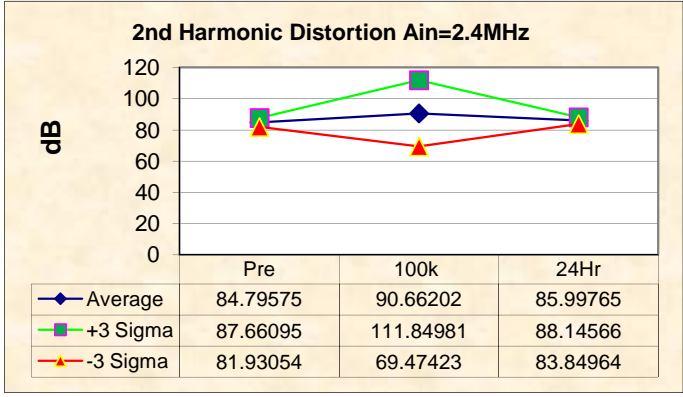
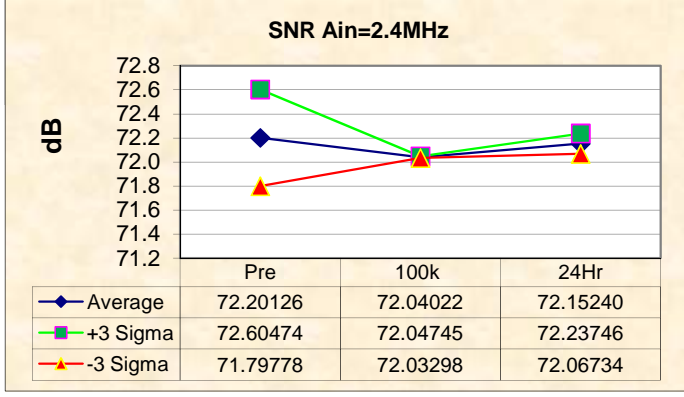
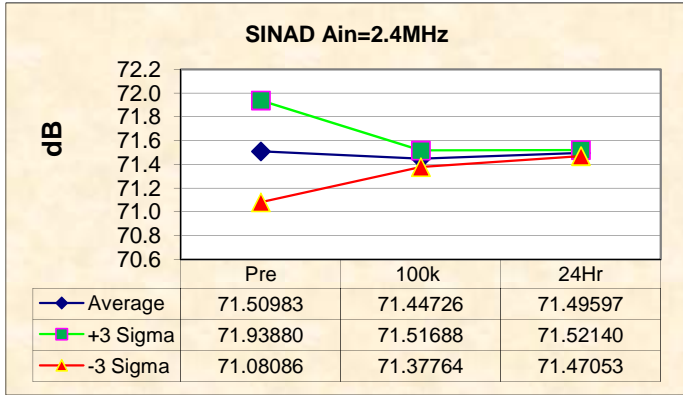
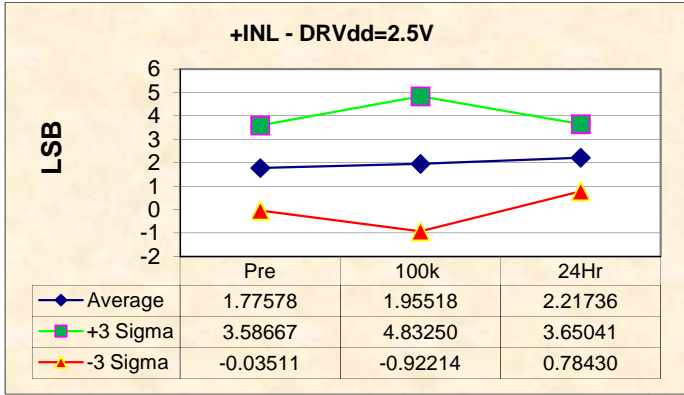
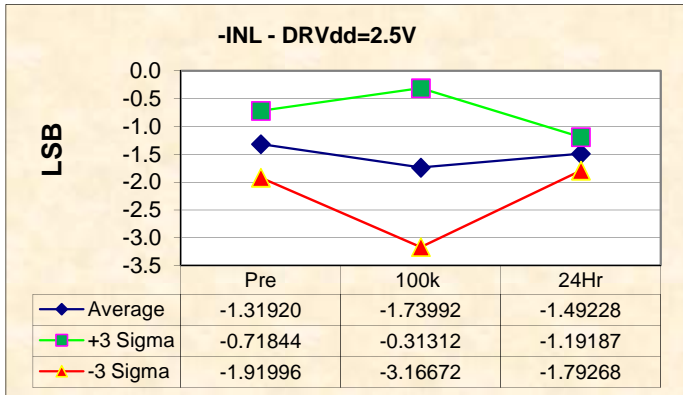
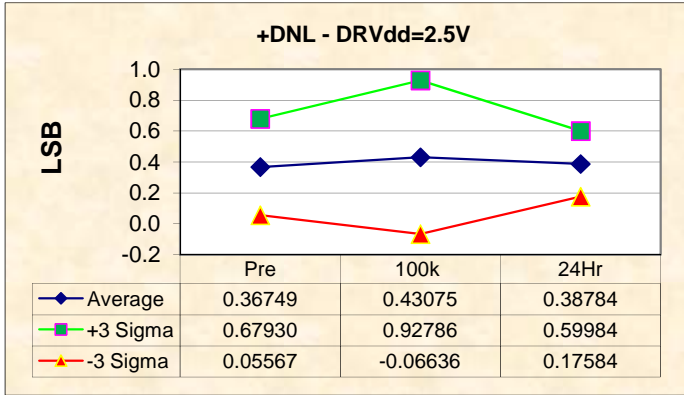




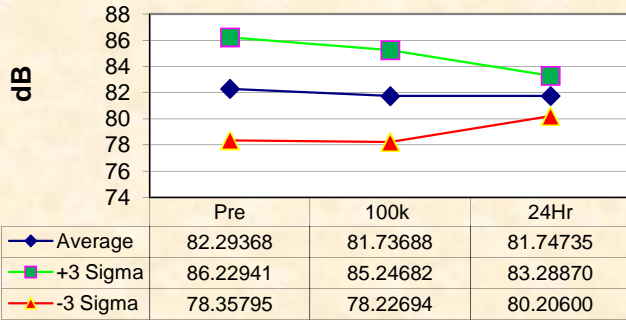




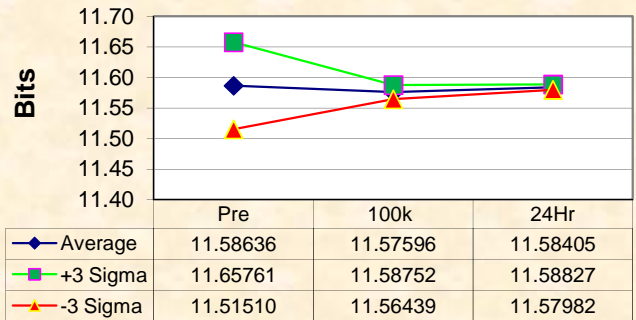




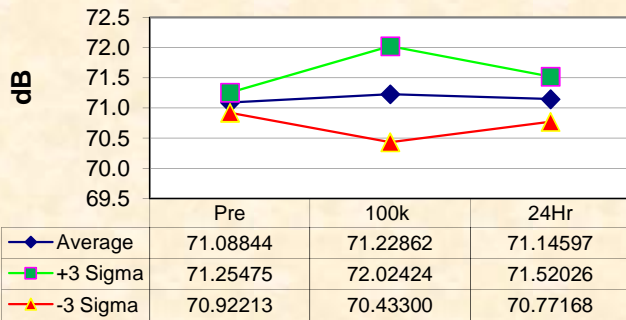
SFDR Ain=2.4MHz



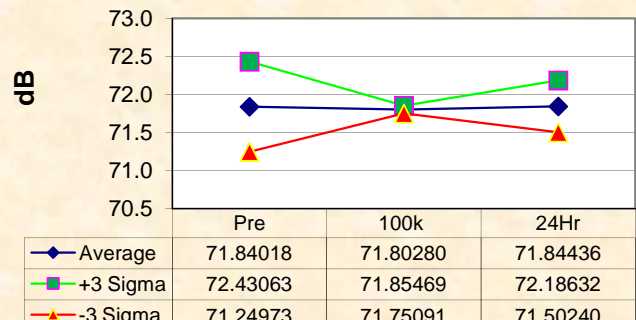
ENOB Ain=2.4MHz



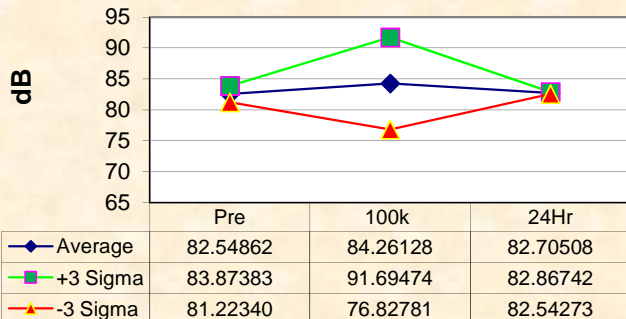
SINAD Ain=69MHz



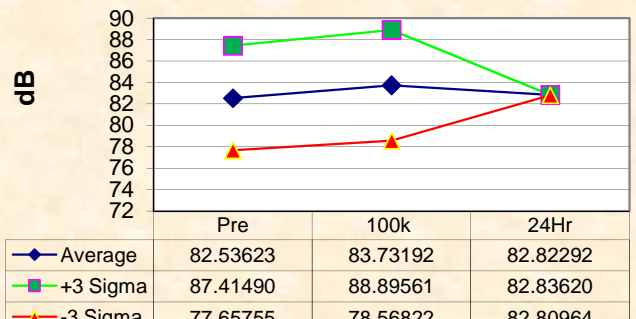
SNR Ain=69MHz



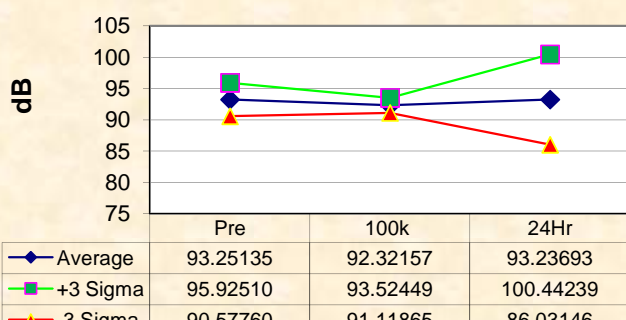
2nd Harmonic Distortion Ain=69MHz



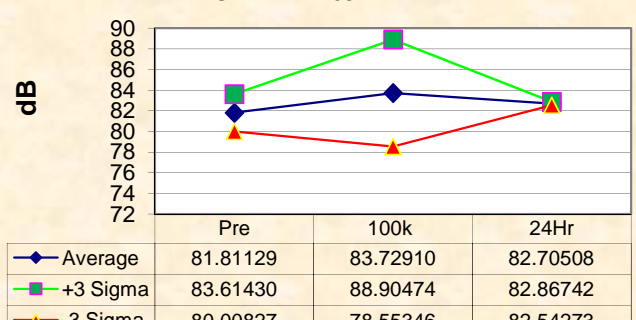
3rd Harmonic Distortion Ain=69MHz

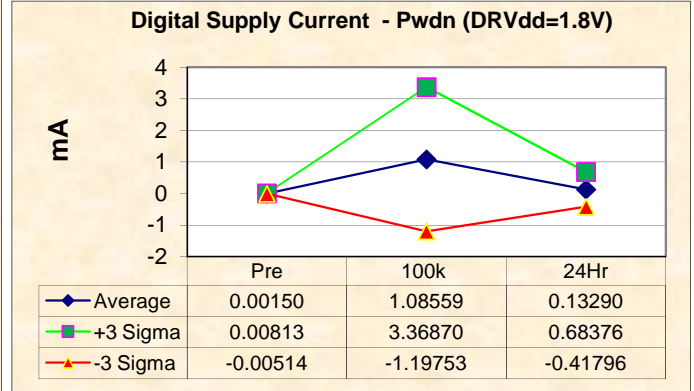
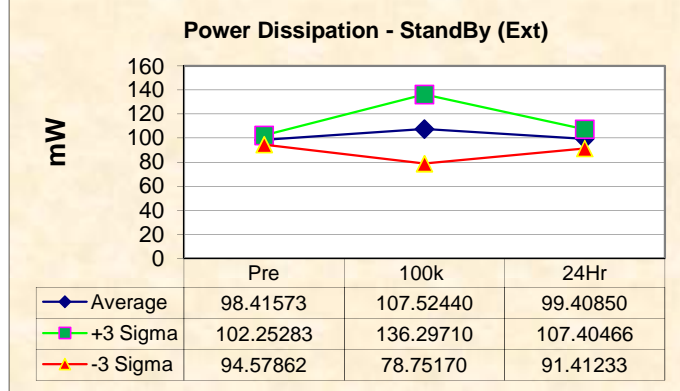
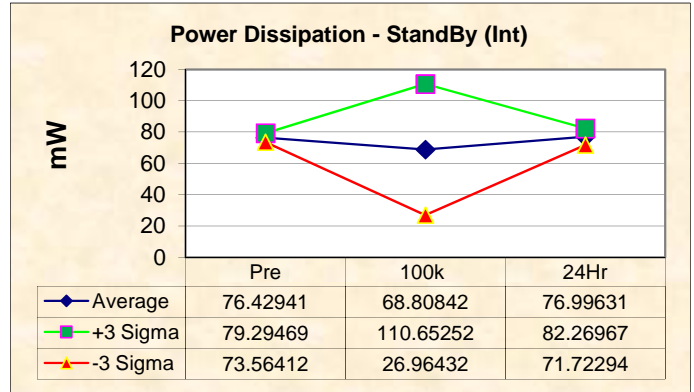
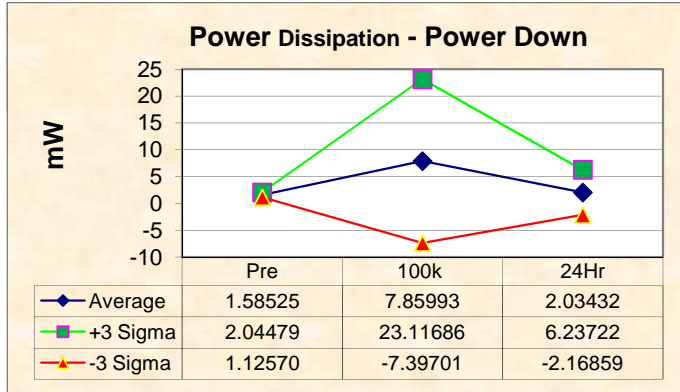
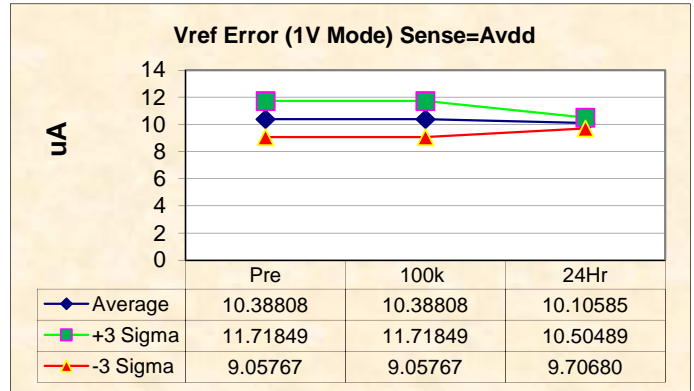
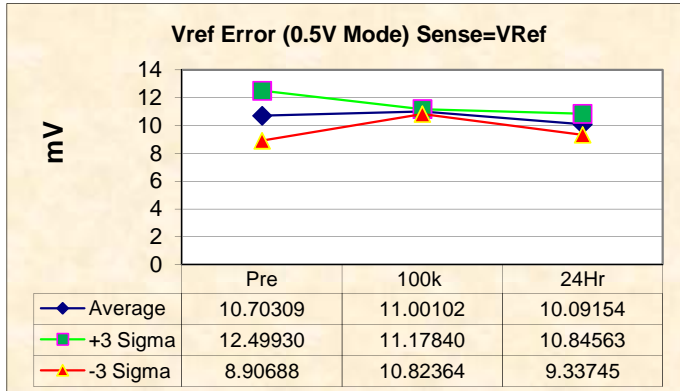
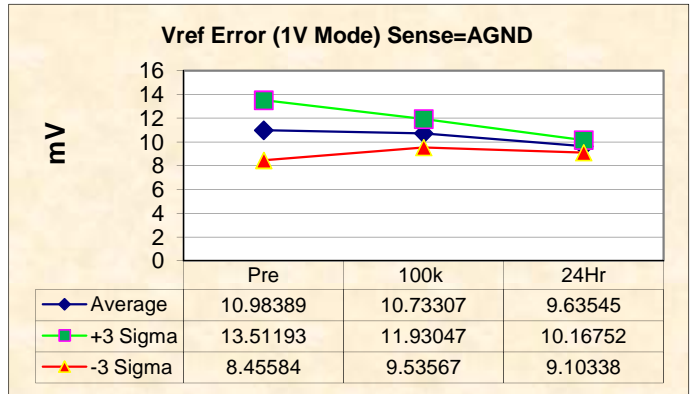
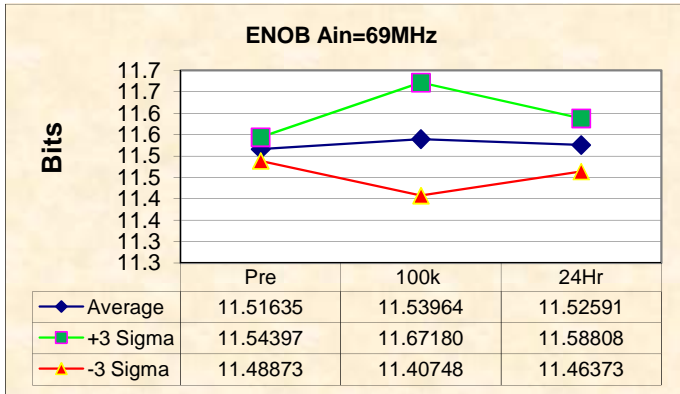


Worst Other Spur Ain=69MHz

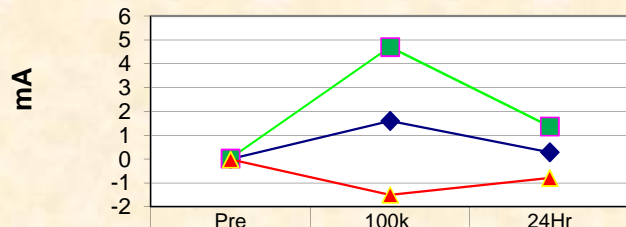


SFDR Ain=69MHz





Digital Supply Current - Pwdn DRVdd=3.3V



	Pre	100k	24Hr
◆ Average	0.00267	1.60455	0.29051
■ +3 Sigma	0.02258	4.70401	1.37231
▲ -3 Sigma	-0.01725	-1.49491	-0.79130