

RADIATION TEST REPORT

PRODUCT:	ADL5501AL/QMLL
GAMMA:	15k, 34k, 53k, 77k, 101k/ TM1019 Condition D
GAMMA SOURCE:	Co60
DOSE RATE:	8.9 mRad(si)/s
FACILITIES:	Si-Rel
TESTED:	2/20/13 - 7/15/13

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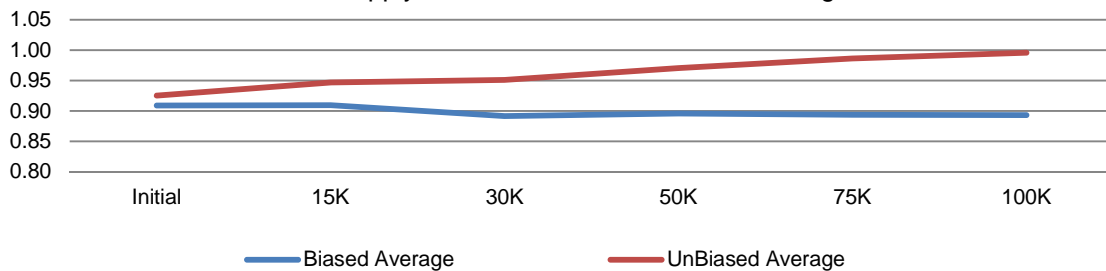
WARNING:

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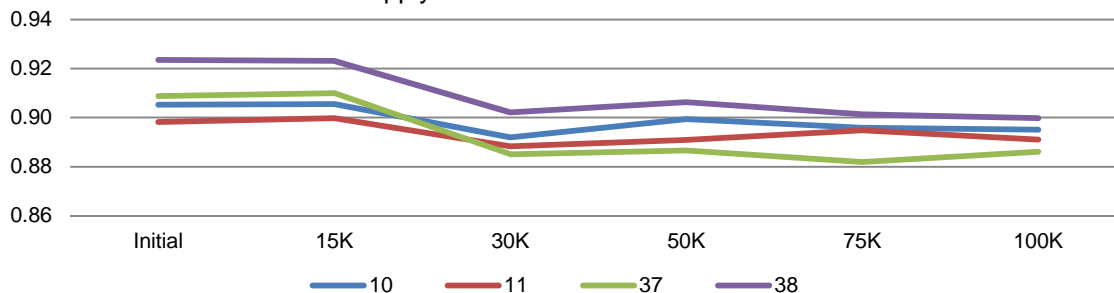


	T# 1	IQ @ 3.3v No RFIN						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.89264	0.89018	0.87128	0.87342	0.87593	0.87578	<1.5
	39	0.91018	0.91223	0.89186	0.89437	0.89716	0.89153	
Biased	10	0.90522	0.90555	0.89192	0.89942	0.89588	0.89507	
	11	0.8982	0.89978	0.88828	0.89086	0.89478	0.89106	
	37	0.9088	0.90994	0.885	0.88659	0.88192	0.88607	
	38	0.92345	0.92315	0.90211	0.90629	0.9014	0.89981	
	Min	0.8982	0.8998	0.8850	0.8866	0.8819	0.8861	
	Max	0.9235	0.9232	0.9021	0.9063	0.9014	0.8998	
	Average	0.9089	0.9096	0.8918	0.8958	0.8935	0.8930	
UnBiased	8	0.93489	0.95956	0.96255	0.98175	0.99681	1.00303	
	9	0.91915	0.94234	0.9527	0.96977	0.98721	0.99607	
	35	0.9273	0.94516	0.95045	0.97074	0.98953	1.00121	
	36	0.92037	0.93898	0.93721	0.95986	0.97106	0.98261	
	Min	0.9192	0.9390	0.9372	0.9599	0.9711	0.9826	
	Max	0.9349	0.9596	0.9626	0.9818	0.9968	1.0030	
	Average	0.9254	0.9465	0.9507	0.9705	0.9862	0.9957	

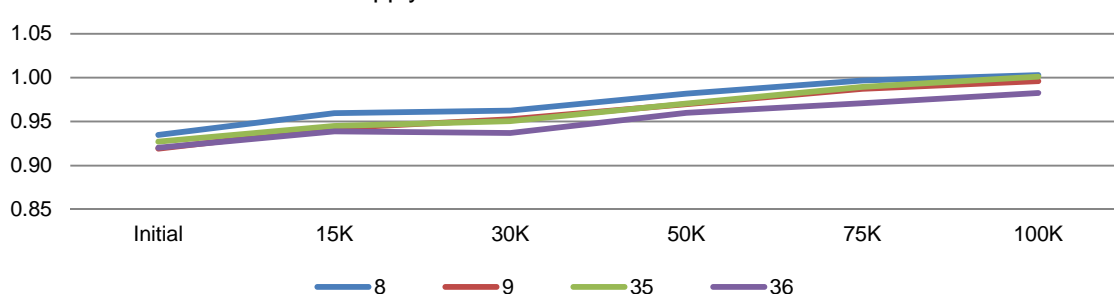
Supply Current Vs=3.3V No RFin - Average



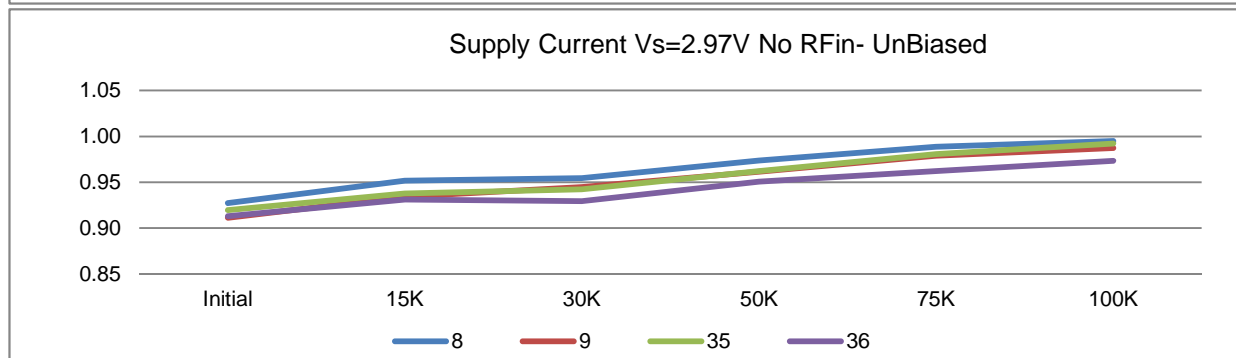
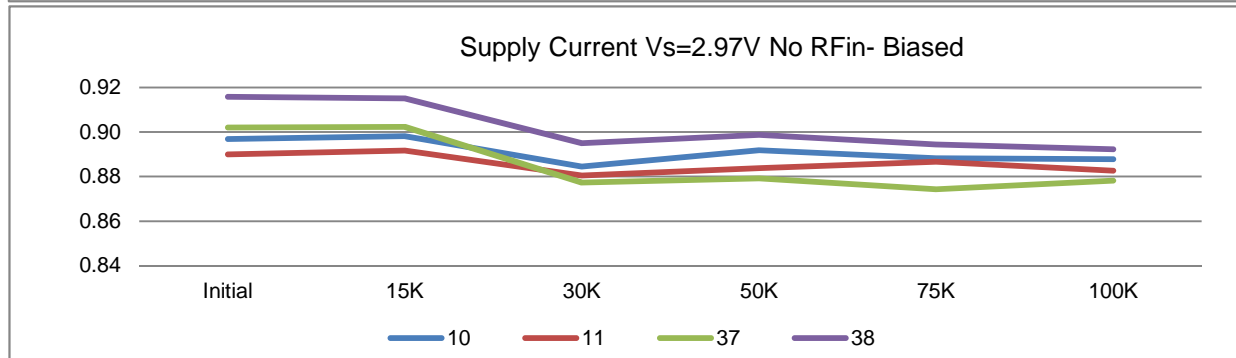
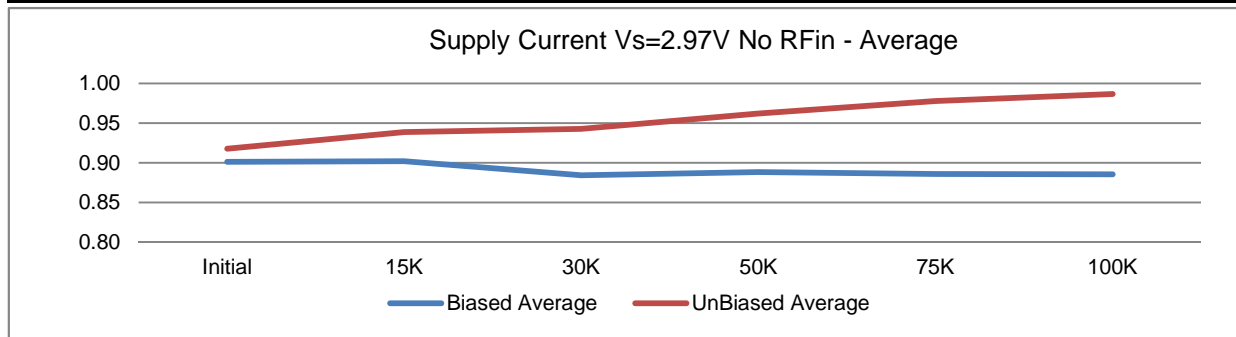
Supply Current Vs=3.3V No RFin- Biased



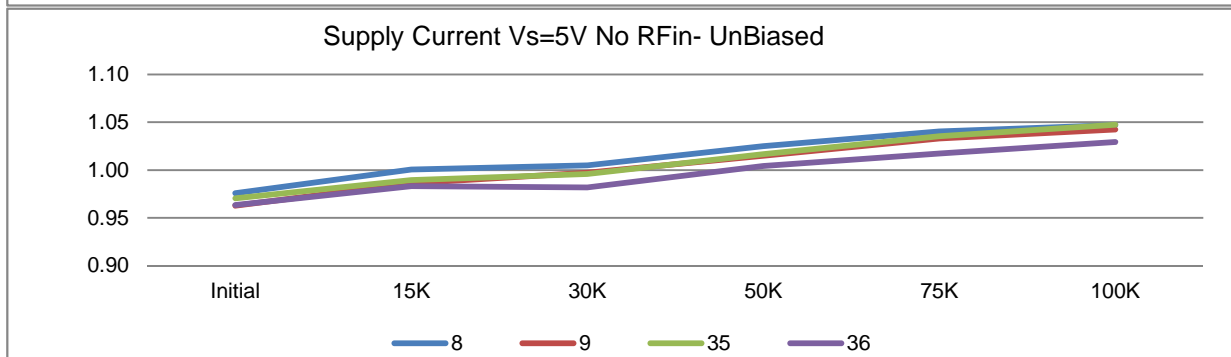
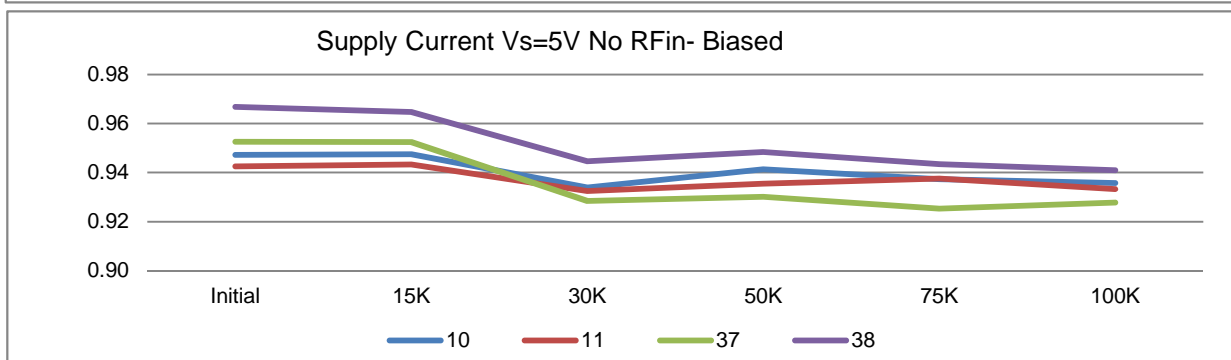
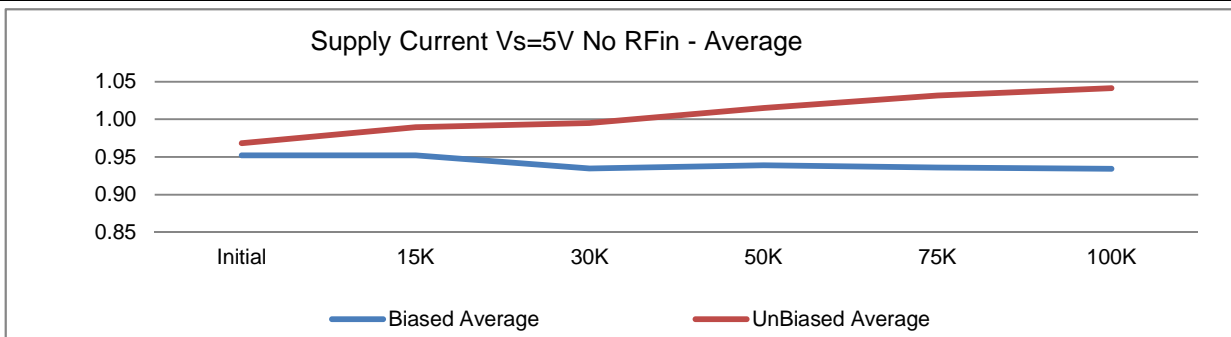
Supply Current Vs=3.3V No RFin- UnBiased



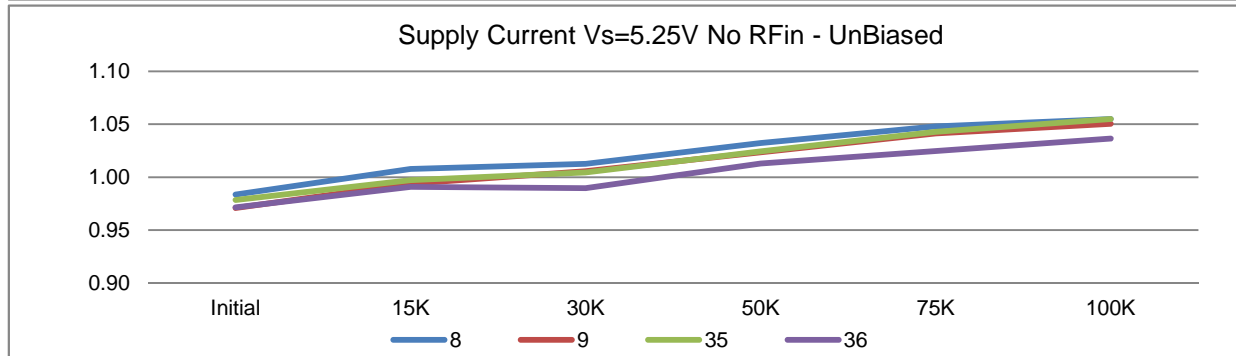
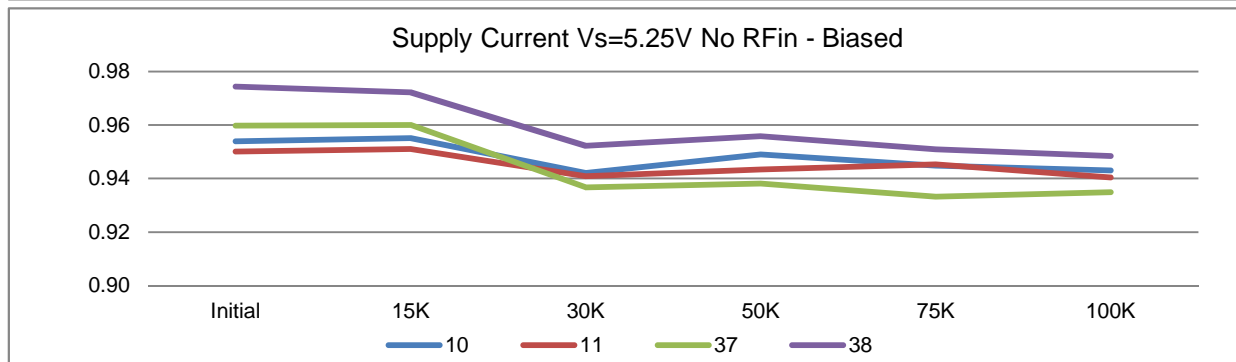
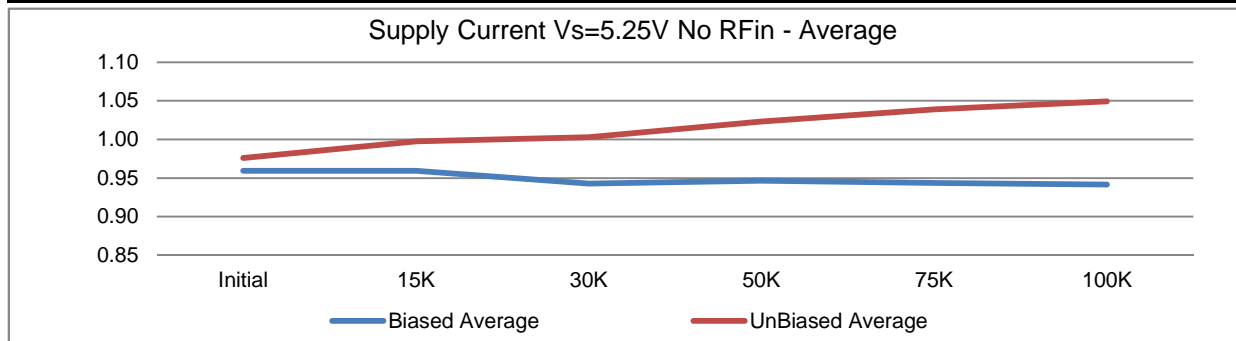
	T# 2	IQ @ 2.97v No RFIN						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.88537	0.88231	0.86341	0.8663	0.86875	0.86775	<1.5
	39	0.90256	0.90445	0.88398	0.88643	0.88869	0.88362	
Biased	10	0.89682	0.89818	0.88446	0.89192	0.88819	0.88786	
	11	0.89004	0.89169	0.88047	0.88374	0.88669	0.88271	
	37	0.90212	0.90235	0.877	0.87916	0.87433	0.8782	
	38	0.91585	0.91518	0.89496	0.89873	0.8944	0.89234	
	Min	0.8900	0.8917	0.8773	0.8792	0.8743	0.8782	
	Max	0.9159	0.9152	0.8950	0.8987	0.8944	0.8923	
	Average	0.9012	0.9019	0.8843	0.8884	0.8859	0.8853	
UnBiased	8	0.92743	0.95166	0.95471	0.9736	0.98875	0.99484	
	9	0.91143	0.93444	0.94471	0.96146	0.97906	0.98728	
	35	0.91977	0.93764	0.94248	0.96234	0.98078	0.99205	
	36	0.91309	0.93133	0.92928	0.9508	0.96221	0.9733	
	Min	0.9114	0.9313	0.9293	0.9508	0.9622	0.9733	
	Max	0.9274	0.9517	0.9547	0.9736	0.9888	0.9948	
	Average	0.9179	0.9388	0.9428	0.9621	0.9777	0.9869	



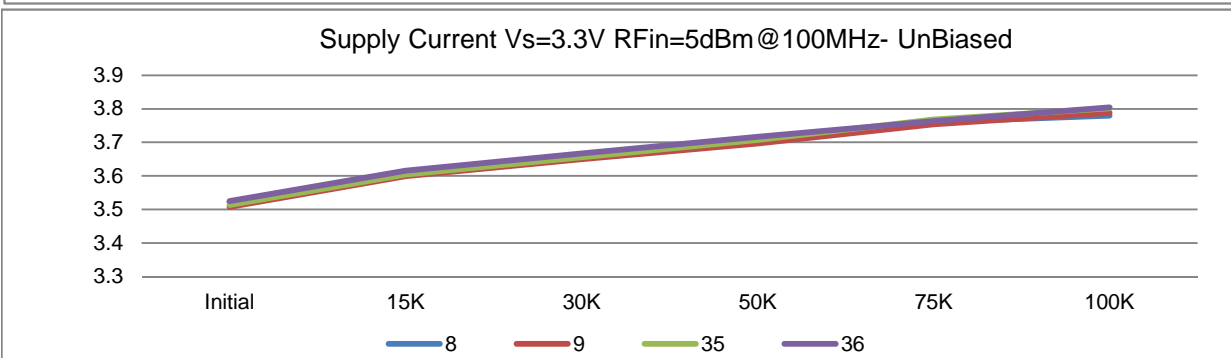
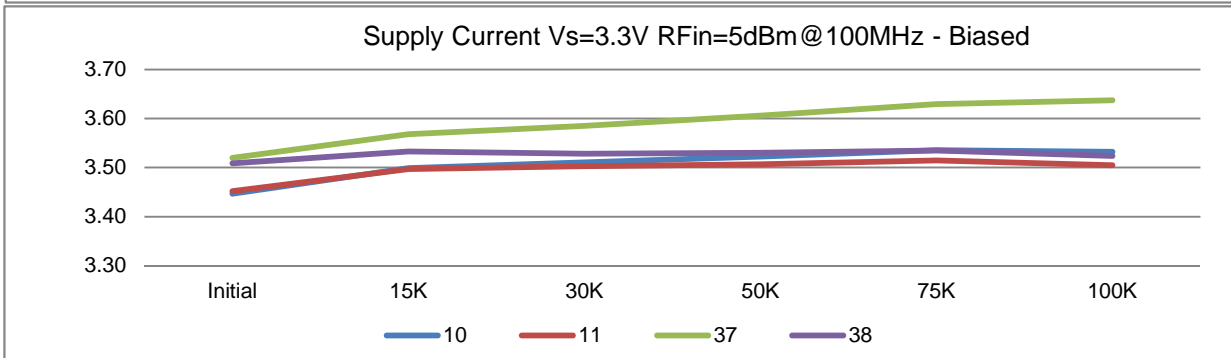
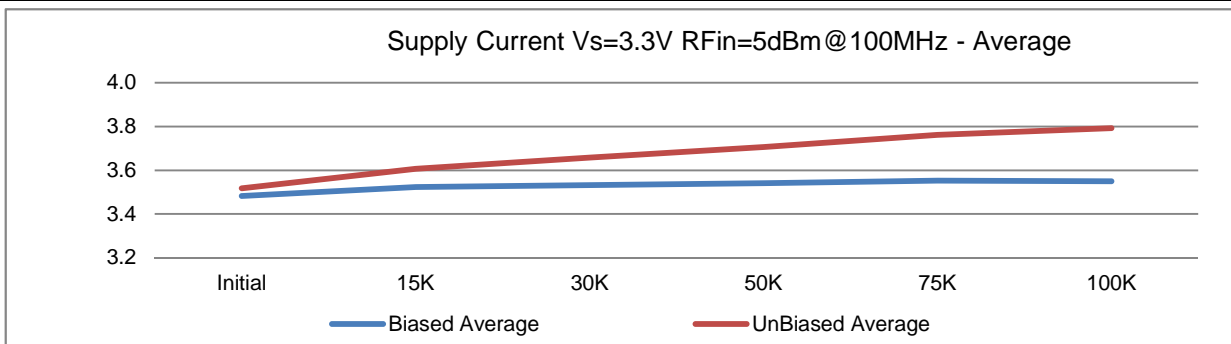
	T# 3	IQ @ 5v No RFIN						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.93464	0.93185	0.91276	0.91556	0.91776	0.91686	<1.5
	39	0.9533	0.95462	0.935	0.93761	0.93978	0.93461	
Biased	10	0.94716	0.9475	0.9339	0.94134	0.93724	0.93568	
	11	0.94248	0.94327	0.93252	0.93545	0.93762	0.9333	
	37	0.95255	0.95246	0.928	0.93018	0.92535	0.92778	
	38	0.96679	0.96466	0.9446	0.94834	0.94342	0.94092	
	Min	0.9425	0.9433	0.9284	0.9302	0.9254	0.9278	
	Max	0.9668	0.9647	0.9446	0.9483	0.9434	0.9409	
	Average	0.9522	0.9520	0.9349	0.9388	0.9359	0.9344	
UnBiased	8	0.97598	1.00054	1.00498	1.0249	1.04034	1.04693	
	9	0.96268	0.98605	0.99729	1.01512	1.03297	1.04248	
	35	0.97055	0.98937	0.99601	1.0165	1.03526	1.04743	
	36	0.96343	0.98301	0.98192	1.00436	1.01728	1.02937	
	Min	0.9627	0.9830	0.9819	1.0044	1.0173	1.0294	
	Max	0.9760	1.0005	1.0050	1.0249	1.0403	1.0474	
	Average	0.9682	0.9897	0.9951	1.0152	1.0315	1.0416	



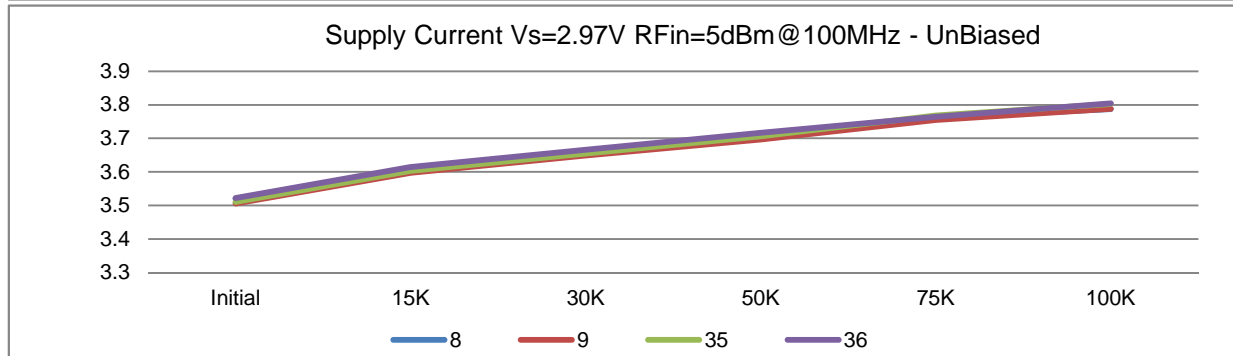
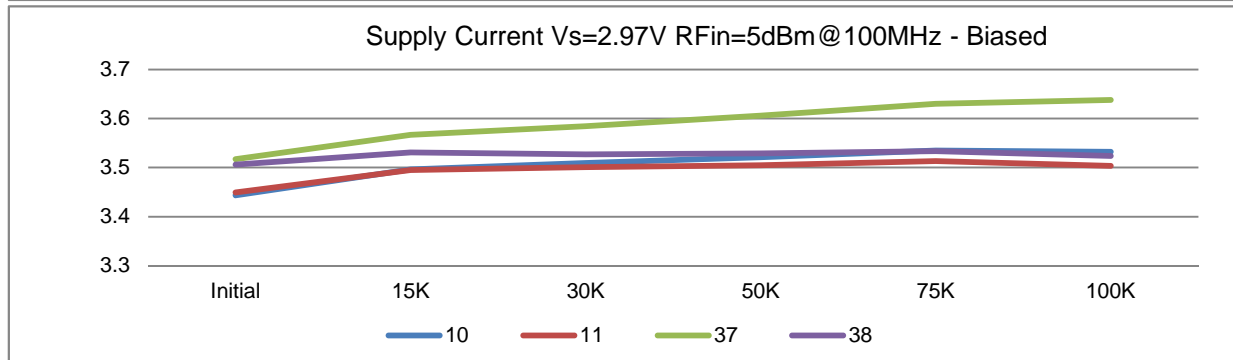
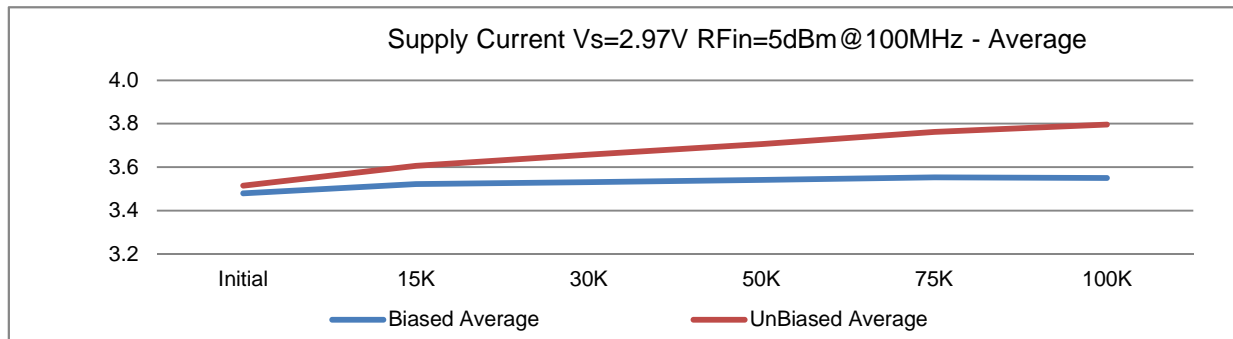
	T# 4	IQ @ 5.25v No RFIN						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.94196	0.93923	0.92024	0.923	0.92495	0.92402	<1.5
	39	0.96118	0.96228	0.94291	0.94543	0.94678	0.9423	
Biased	10	0.95394	0.95513	0.94213	0.94897	0.94484	0.94306	
	11	0.95005	0.95099	0.94087	0.94342	0.94528	0.94042	
	37	0.9598	0.95996	0.937	0.93815	0.9333	0.9349	
	38	0.97436	0.97213	0.95226	0.95587	0.95095	0.94842	
	Min	0.9501	0.9510	0.9367	0.9382	0.9333	0.9349	
	Max	0.9744	0.9721	0.9523	0.9559	0.9510	0.9484	
	Average	0.9595	0.9596	0.9430	0.9466	0.9436	0.9417	
UnBiased	8	0.98339	1.00764	1.0127	1.03225	1.048	1.05484	
	9	0.97069	0.99393	1.00574	1.0234	1.04113	1.05045	
	35	0.97853	0.99713	1.00439	1.02425	1.04292	1.05493	
	36	0.97135	0.99082	0.98968	1.01296	1.02457	1.03656	
	Min	0.9707	0.9908	0.9897	1.0130	1.0246	1.0366	
	Max	0.9834	1.0076	1.0127	1.0323	1.0480	1.0549	
	Average	0.9760	0.9974	1.0031	1.0232	1.0392	1.0492	



	T# 5	IQ @ 3.3v RFin @ 5dBm & 100MHz						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	3.43818	3.45208	3.43709	3.42714	3.43328	3.43627	<4
	39	3.47532	3.49417	3.4773	3.47083	3.47164	3.47613	
Biased	10	3.44671	3.49872	3.51067	3.52227	3.53537	3.53228	
	11	3.45211	3.49718	3.50289	3.50681	3.5147	3.50455	
	37	3.5196	3.56794	3.585	3.60576	3.62915	3.63682	
	38	3.50891	3.53262	3.52852	3.53033	3.53446	3.52384	
	Min	3.4467	3.4972	3.5029	3.5068	3.5147	3.5046	
	Max	3.5196	3.5679	3.5853	3.6058	3.6292	3.6368	
	Average	3.4818	3.5241	3.5318	3.5413	3.5534	3.5494	
UnBiased	8	3.52227	3.61104	3.65912	3.70538	3.76017	3.77943	
	9	3.50825	3.59896	3.64993	3.69698	3.75424	3.7879	
	35	3.51321	3.60464	3.65523	3.70676	3.76835	3.80129	
	36	3.52484	3.6158	3.66712	3.71708	3.76302	3.80424	
	Min	3.5083	3.5990	3.6499	3.6970	3.7542	3.7794	
	Max	3.5248	3.6158	3.6671	3.7171	3.7684	3.8042	
	Average	3.5171	3.6076	3.6579	3.7066	3.7614	3.7932	

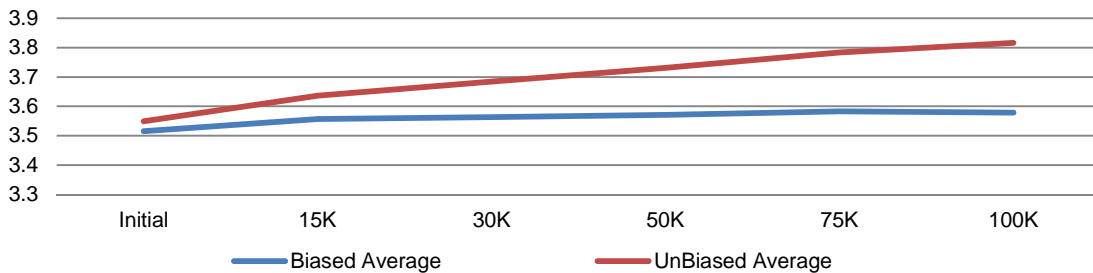


	T# 6	IQ @ 2.97v RFin @ 5dBm & 100MHz						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	3.43467	3.45324	3.43878	3.42842	3.43406	3.43806	<4
	39	3.47218	3.49135	3.47467	3.46757	3.46926	3.47366	
Biased	10	3.44373	3.49637	3.50936	3.52098	3.53443	3.53193	
	11	3.449	3.49467	3.50089	3.50458	3.5132	3.50342	
	37	3.51725	3.5665	3.585	3.60592	3.63019	3.63798	
	38	3.50631	3.53106	3.52676	3.52898	3.53346	3.52381	
	Min	3.4437	3.4947	3.5009	3.5046	3.5132	3.5034	
	Max	3.5173	3.5665	3.5845	3.6059	3.6302	3.6380	
	Average	3.4791	3.5222	3.5304	3.5401	3.5528	3.5493	
UnBiased	8	3.52026	3.61013	3.6589	3.70535	3.76108	3.78718	
	9	3.50605	3.59761	3.64934	3.6971	3.75455	3.78859	
	35	3.51066	3.60317	3.65433	3.70657	3.76842	3.80217	
	36	3.52252	3.61477	3.66646	3.71705	3.76421	3.80481	
	Min	3.5061	3.5976	3.6493	3.6971	3.7546	3.7872	
	Max	3.5225	3.6148	3.6665	3.7171	3.7684	3.8048	
	Average	3.5149	3.6064	3.6573	3.7065	3.7621	3.7957	

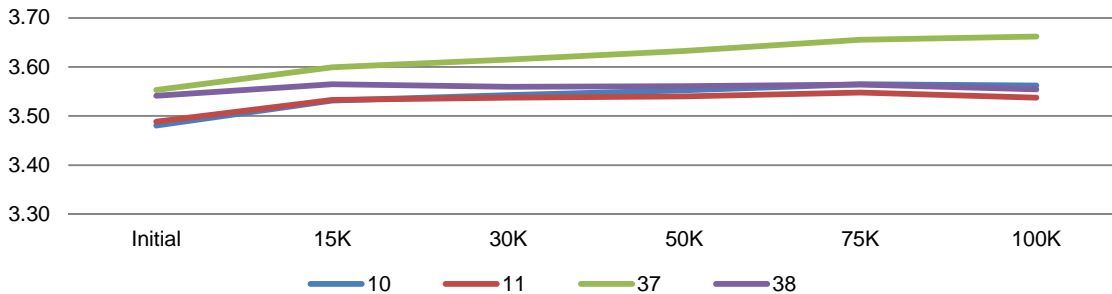


	T# 7	IQ @ 5v RFin @ 5dBm & 100MHz						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	3.47243	3.49164	3.4771	3.46652	3.47261	3.47644	<4
	39	3.50941	3.52859	3.51216	3.50507	3.50679	3.51135	
Biased	10	3.48077	3.53167	3.54224	3.55228	3.56479	3.56188	
	11	3.4883	3.53261	3.53713	3.53985	3.54788	3.53751	
	37	3.55326	3.59939	3.615	3.63282	3.65534	3.66193	
	38	3.54134	3.56476	3.55971	3.56081	3.56441	3.55454	
	Min	3.48	3.53	3.54	3.54	3.55	3.54	
	Max	3.55	3.60	3.61	3.63	3.66	3.66	
	Average	3.52	3.56	3.56	3.57	3.58	3.58	
UnBiased	8	3.55341	3.6385	3.68389	3.72789	3.7802	3.80709	
	9	3.54128	3.62865	3.67693	3.72187	3.77634	3.80859	
	35	3.54705	3.63508	3.68301	3.73244	3.79112	3.82333	
	36	3.55711	3.64487	3.69308	3.74069	3.78638	3.8243	
	Min	3.54	3.63	3.68	3.72	3.78	3.81	
	Max	3.56	3.64	3.69	3.74	3.79	3.82	
	Average	3.55	3.64	3.68	3.73	3.78	3.82	

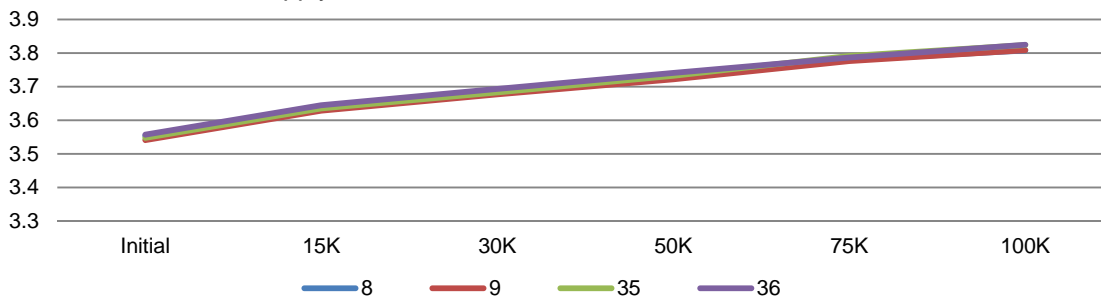
Supply Current Vs=5V RFin=5dBm@100MHz - Average



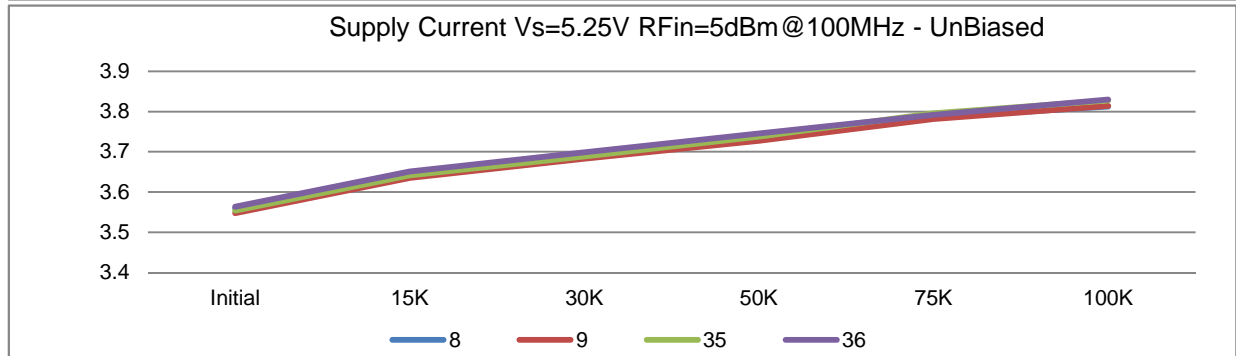
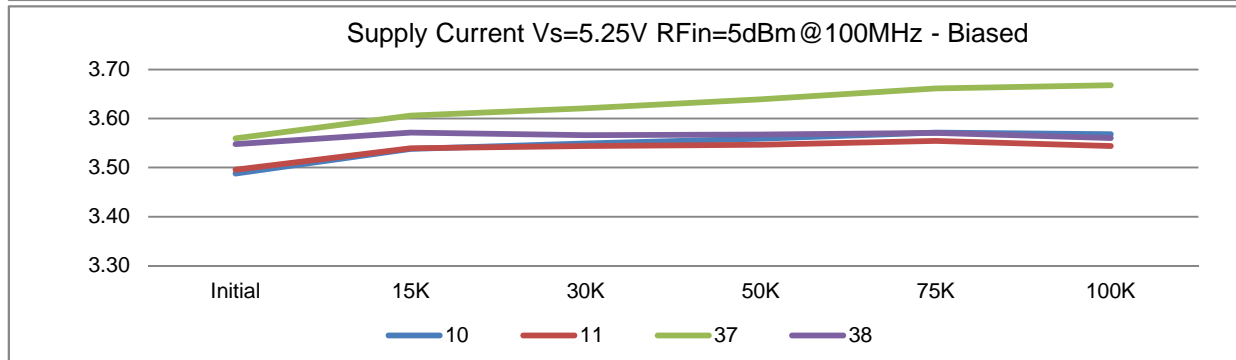
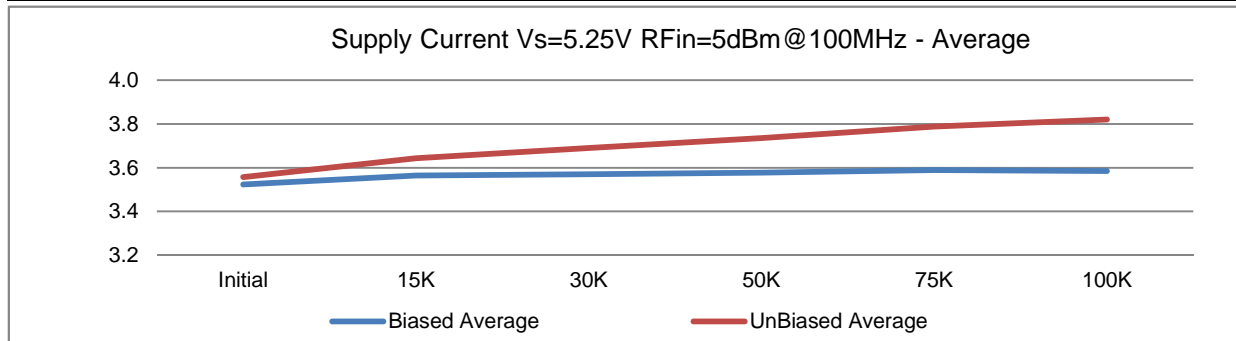
Supply Current Vs=5V RFin=5dBm@100MHz - Biased



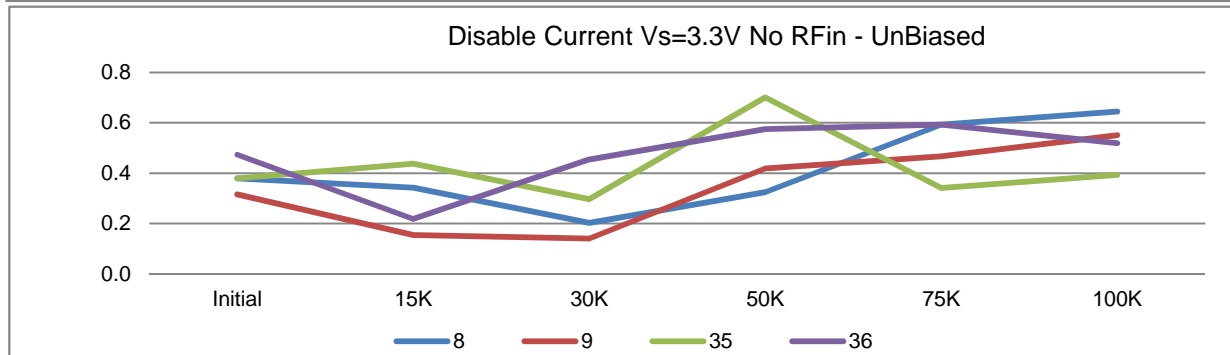
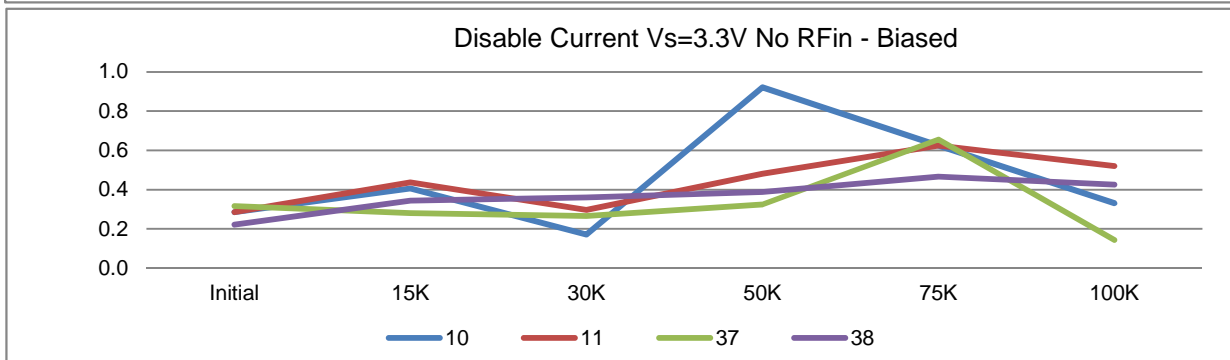
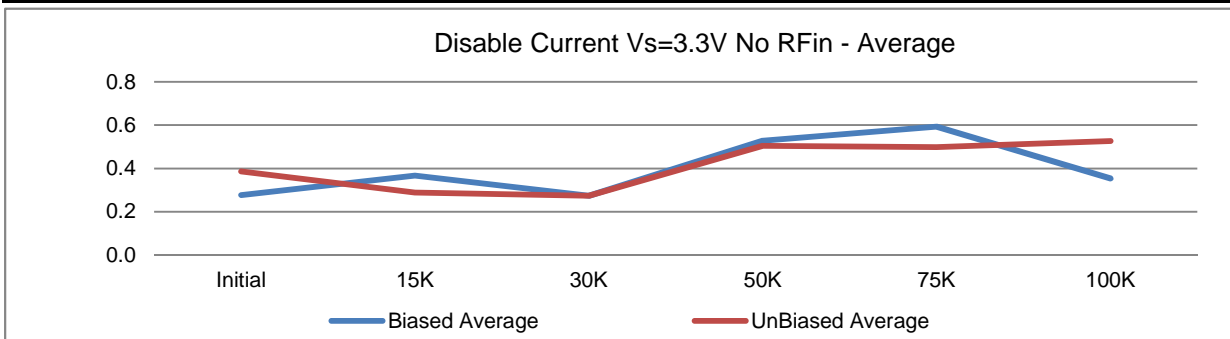
Supply Current Vs=5V RFin=5dBm@100MHz - UnBiased



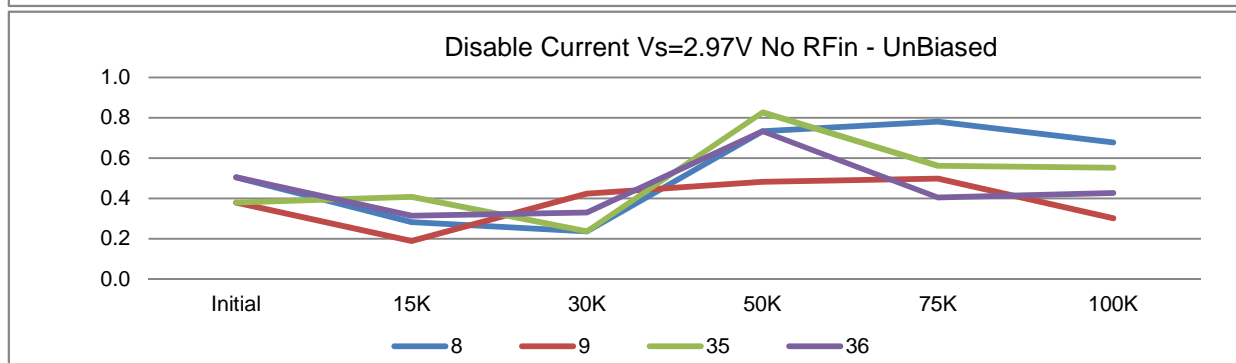
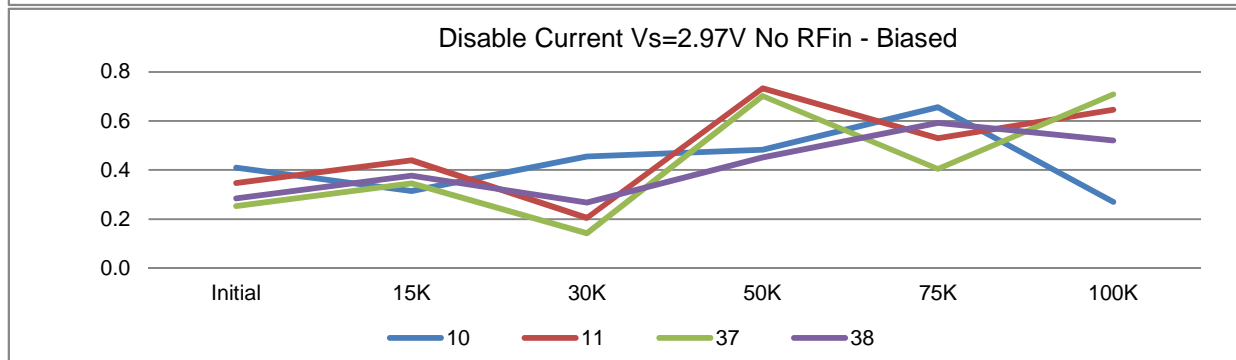
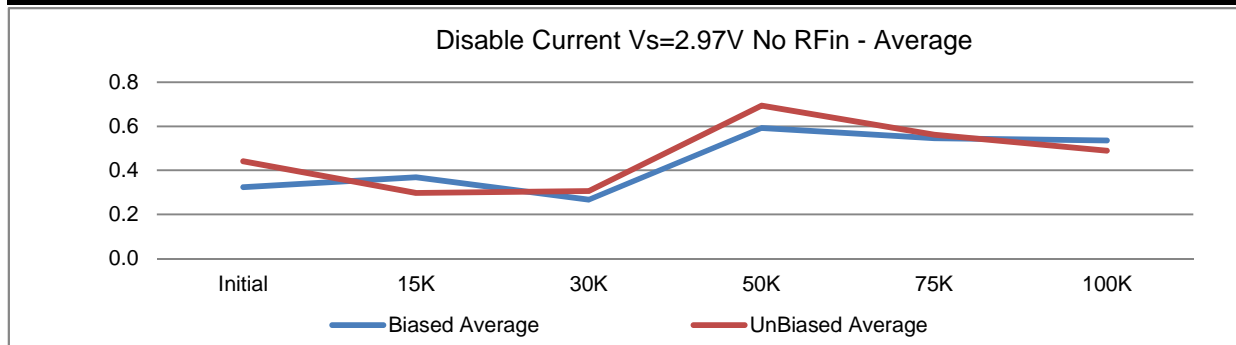
	T# 8	IQ @ 5.25v RFIN @ 5dBm & 100MHz						mA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	3.47928	3.49849	3.48366	3.47343	3.47926	3.48322	<4
	39	3.5161	3.53547	3.51898	3.51182	3.51358	3.51785	
Biased	10	3.48752	3.53823	3.54909	3.55887	3.57122	3.56809	
	11	3.49562	3.53948	3.54413	3.54651	3.55444	3.54404	
	37	3.55976	3.60607	3.621	3.63891	3.66105	3.66749	
	38	3.54784	3.57113	3.5659	3.56724	3.57079	3.56031	
	Min	3.49	3.54	3.54	3.55	3.55	3.54	
	Max	3.56	3.61	3.62	3.64	3.66	3.67	
	Average	3.52	3.56	3.57	3.58	3.59	3.58	
UnBiased	8	3.55966	3.64437	3.6896	3.73295	3.78513	3.81233	
	9	3.54822	3.63515	3.68267	3.72721	3.78137	3.81374	
	35	3.55405	3.6418	3.68873	3.73759	3.79596	3.8276	
	36	3.56368	3.65089	3.69864	3.74581	3.79194	3.82949	
	Min	3.55	3.64	3.68	3.73	3.78	3.81	
	Max	3.56	3.65	3.70	3.75	3.80	3.83	
	Average	3.56	3.64	3.69	3.74	3.79	3.82	



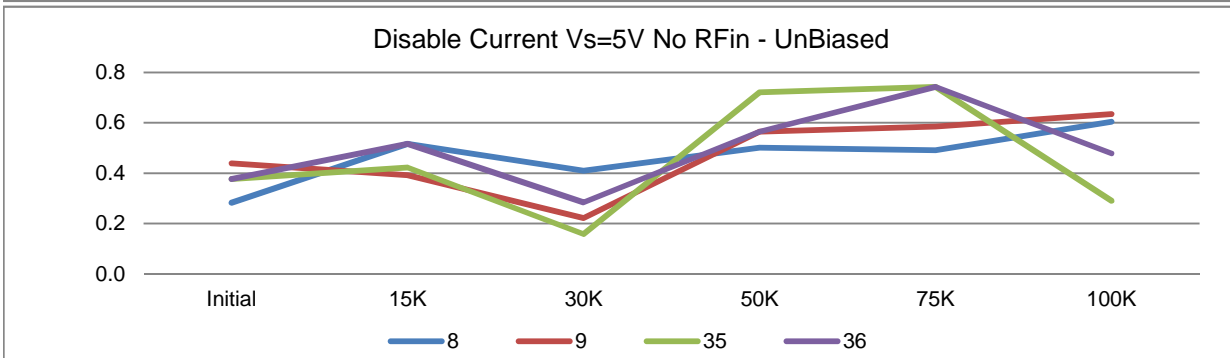
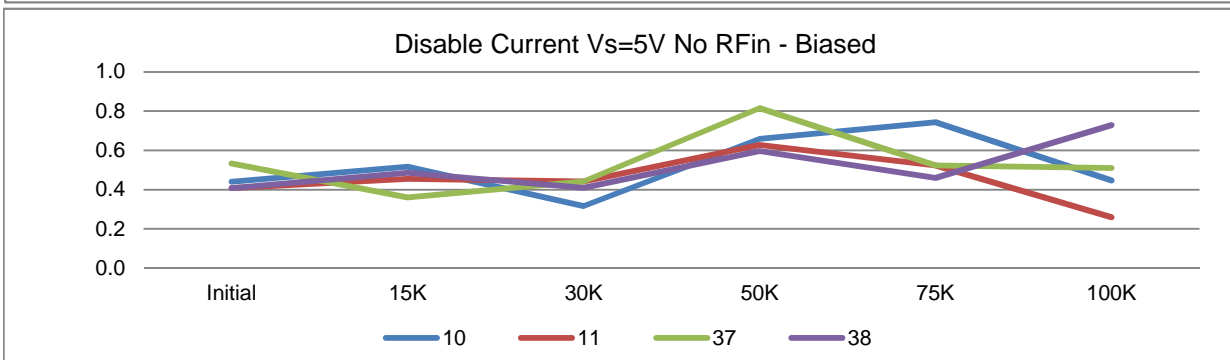
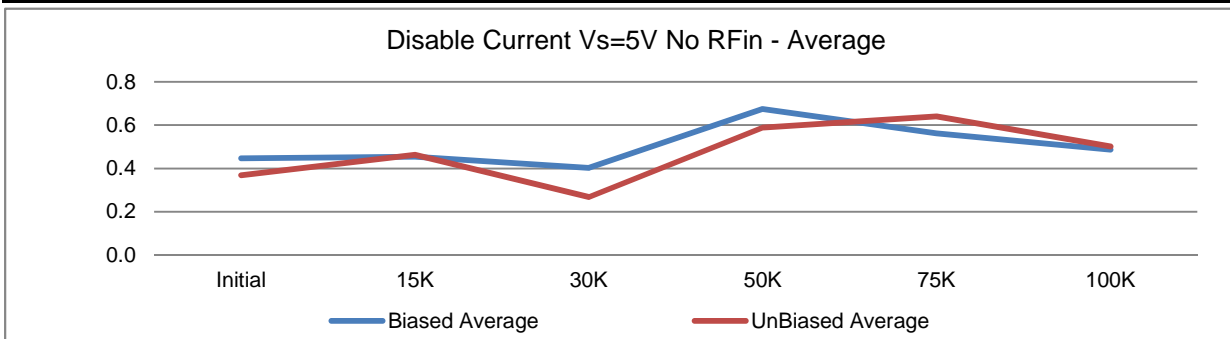
	T# 9	IQZ @ 3.3v No RFIN						uA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.34754	0.5001	0.32848	0.57535	0.49825	0.2056	<5
	39	0.50436	0.34327	0.32848	0.73217	0.59235	0.23696	
Biased	10	0.28481	0.406	0.17166	0.92037	0.62372	0.33105	
	11	0.28481	0.43737	0.29712	0.48125	0.62372	0.51924	
	37	0.31617	0.28054	0.266	0.32442	0.65508	0.14287	
	38	0.22208	0.34327	0.35985	0.38715	0.46689	0.42515	
	Min	0.2221	0.2805	0.1717	0.3244	0.4669	0.1429	
	Max	0.3162	0.4374	0.3599	0.9204	0.6551	0.5192	
	Average	0.2770	0.3668	0.2736	0.5283	0.5924	0.3546	
UnBiased	8	0.3789	0.34327	0.20302	0.32442	0.59235	0.6447	
	9	0.31617	0.15508	0.14029	0.41852	0.46689	0.55061	
	35	0.3789	0.43737	0.29712	0.70081	0.34143	0.39378	
	36	0.473	0.21781	0.45395	0.57535	0.59235	0.51924	
	Min	0.3162	0.1551	0.1403	0.3244	0.3414	0.3938	
	Max	0.4730	0.4374	0.4540	0.7008	0.5924	0.6447	
	Average	0.3867	0.2884	0.2736	0.5048	0.4983	0.5271	



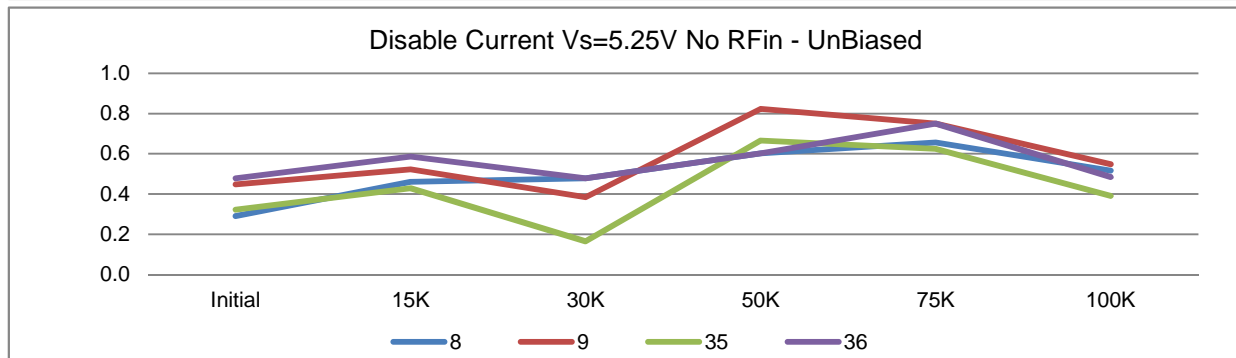
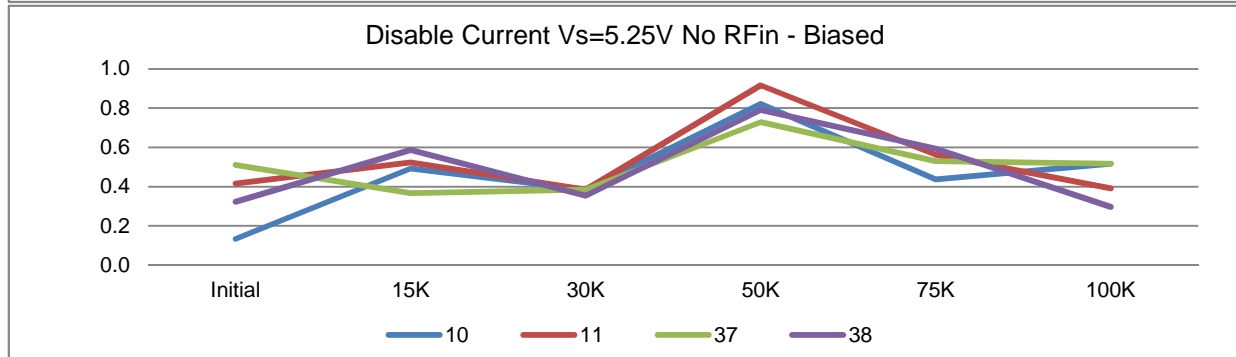
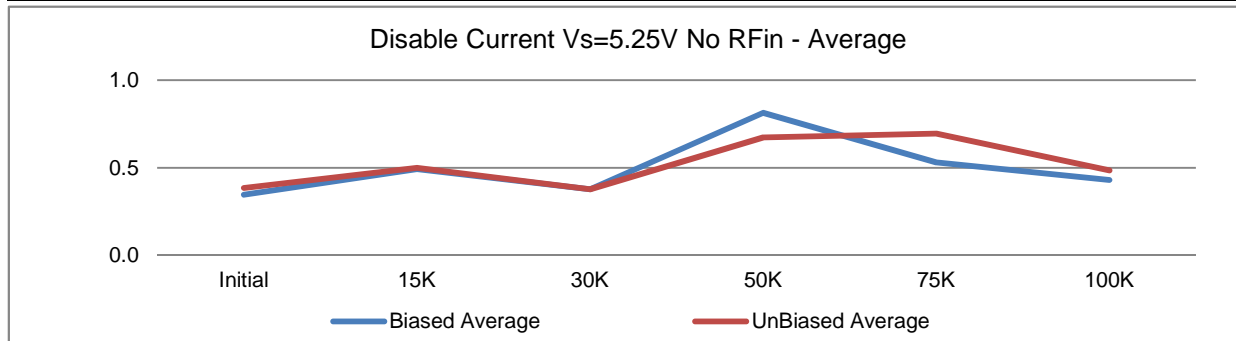
	T# 10	IQZ @ 2.97v No RFIN						uA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.34701	0.31374	0.36141	0.89014	0.74953	0.23789	<5
	39	0.40974	0.5333	0.33005	0.60785	0.74953	0.30062	
Biased	10	0.40974	0.31374	0.45551	0.48239	0.65544	0.26926	
	11	0.34701	0.43921	0.20458	0.73331	0.52998	0.64564	
	37	0.25291	0.34511	0.142	0.70195	0.40452	0.70837	
	38	0.28428	0.37647	0.26732	0.45102	0.59271	0.52018	
	Min	0.2529	0.3137	0.1419	0.4510	0.4045	0.2693	
	Max	0.4097	0.4392	0.4555	0.7333	0.6554	0.7084	
	Average	0.3235	0.3686	0.2673	0.5922	0.5457	0.5359	
UnBiased	8	0.50383	0.28238	0.23595	0.73331	0.7809	0.677	
	9	0.37837	0.18828	0.42414	0.48239	0.49861	0.30062	
	35	0.37837	0.40784	0.23595	0.82741	0.56134	0.55154	
	36	0.50383	0.31374	0.33005	0.73331	0.40452	0.42608	
	Min	0.3784	0.1883	0.2360	0.4824	0.4045	0.3006	
	Max	0.5038	0.4078	0.4241	0.8274	0.7809	0.6770	
	Average	0.4411	0.2981	0.3065	0.6941	0.5613	0.4888	



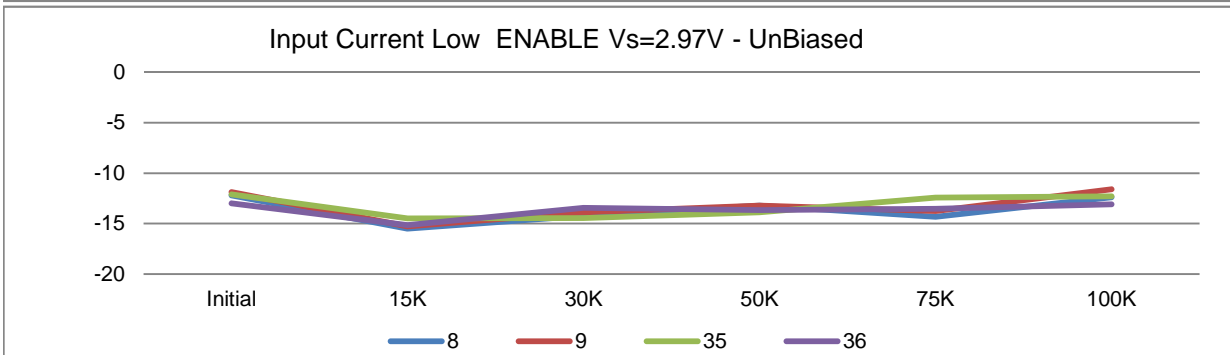
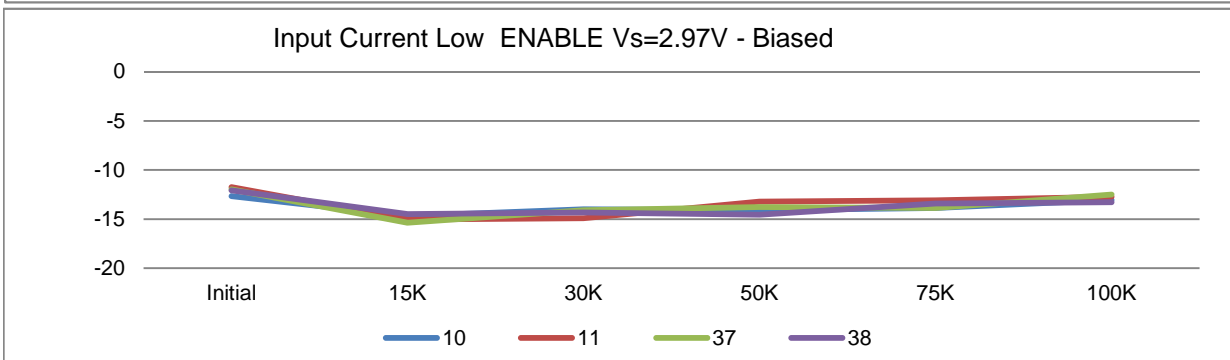
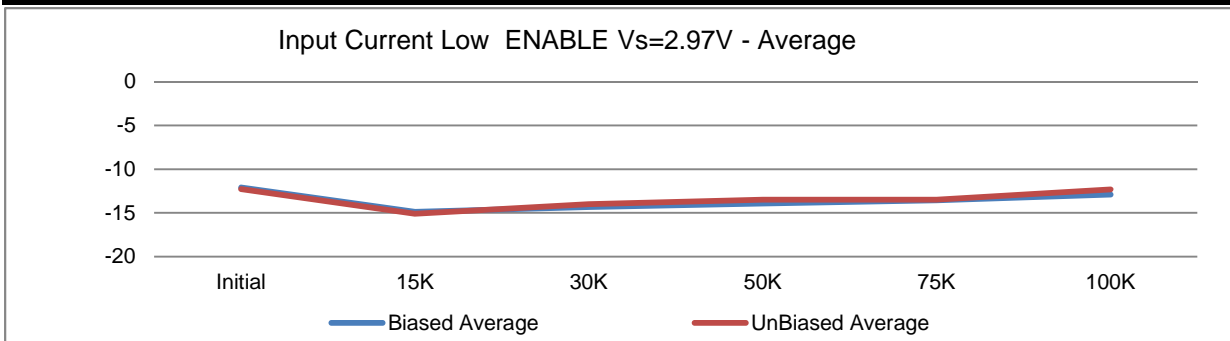
	T# 11	IQZ @ 5v No RFIN						uA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.56507	0.45453	0.25296	0.47064	0.24073	0.1333	<5
	39	0.34551	0.45453	0.31569	0.6902	0.74258	0.25876	
Biased	10	0.43961	0.51726	0.31569	0.65883	0.74258	0.44695	
	11	0.40824	0.45453	0.44115	0.62747	0.52302	0.25876	
	37	0.5337	0.36043	0.441	0.81566	0.52302	0.50968	
	38	0.40824	0.48589	0.40979	0.5961	0.46029	0.72923	
	Min	0.4082	0.3604	0.3157	0.5961	0.4603	0.2588	
	Max	0.5337	0.5173	0.4412	0.8157	0.7426	0.7292	
	Average	0.4474	0.4545	0.4019	0.6745	0.5622	0.4862	
UnBiased	8	0.28278	0.51726	0.40979	0.502	0.49166	0.60377	
	9	0.43961	0.3918	0.22159	0.56473	0.58575	0.63513	
	35	0.37688	0.42316	0.15886	0.72156	0.74258	0.29012	
	36	0.37688	0.51726	0.28432	0.56473	0.74258	0.47831	
	Min	0.2828	0.3918	0.1589	0.5020	0.4917	0.2901	
	Max	0.4396	0.5173	0.4098	0.7216	0.7426	0.6351	
	Average	0.3690	0.4624	0.2686	0.5883	0.6406	0.5018	



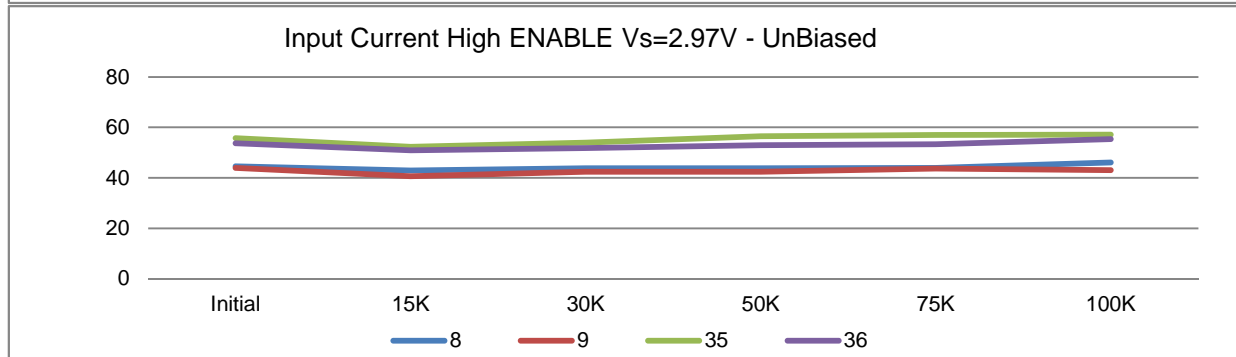
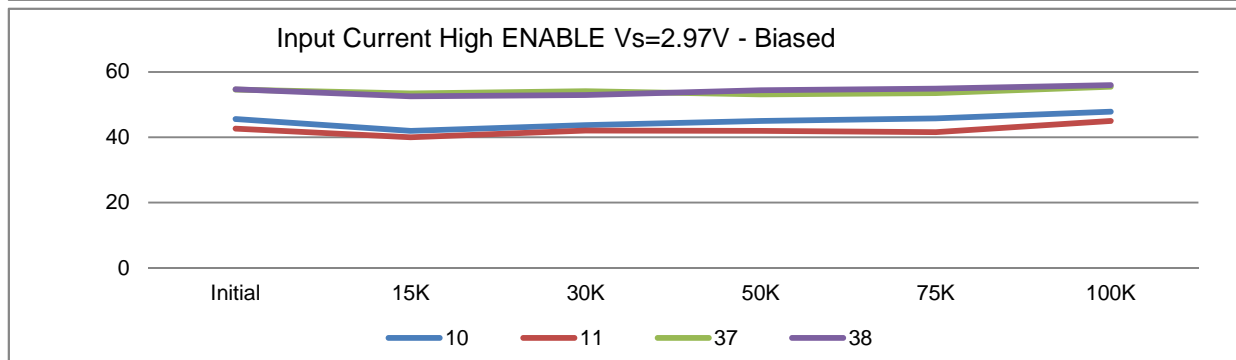
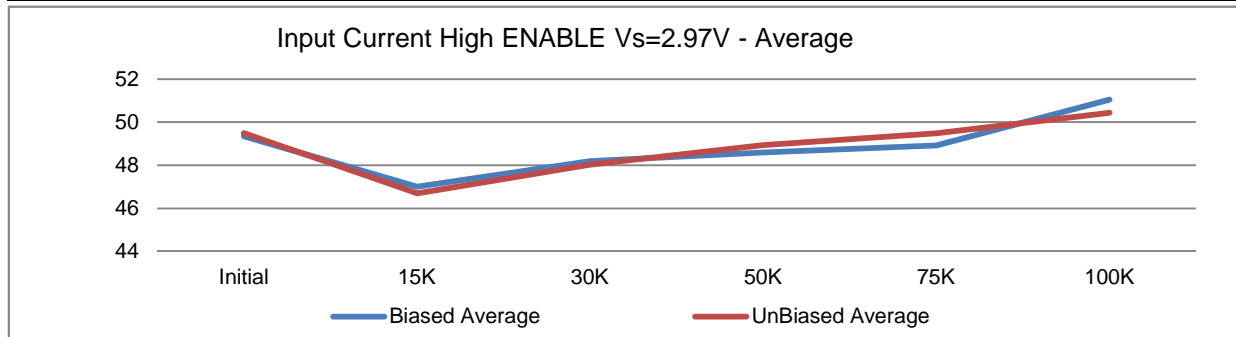
	T# 12	IQZ @ 5.25v No RFIN						uA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.38488	0.33528	0.22802	0.54011	0.40489	0.23429	<5
	39	0.38488	0.5862	0.13392	0.50874	0.34216	0.39111	
Biased	10	0.13396	0.49211	0.38484	0.8224	0.43626	0.51657	
	11	0.41625	0.52347	0.38484	0.9165	0.56172	0.39111	
	37	0.51034	0.36665	0.385	0.7283	0.53035	0.51657	
	38	0.32215	0.5862	0.35348	0.79103	0.59308	0.29702	
	Min	0.1340	0.3667	0.3535	0.7283	0.4363	0.2970	
	Max	0.5103	0.5862	0.3848	0.9165	0.5931	0.5166	
	Average	0.3457	0.4921	0.3770	0.8146	0.5304	0.4303	
UnBiased	8	0.29079	0.46074	0.47894	0.60284	0.65581	0.51657	
	9	0.44761	0.52347	0.38484	0.8224	0.74991	0.54794	
	35	0.32215	0.42938	0.16528	0.66557	0.62445	0.39111	
	36	0.47898	0.5862	0.47894	0.60284	0.74991	0.48521	
	Min	0.2908	0.4294	0.1653	0.6028	0.6245	0.3911	
	Max	0.4790	0.5862	0.4789	0.8224	0.7499	0.5479	
	Average	0.3849	0.4999	0.3770	0.6734	0.6950	0.4852	



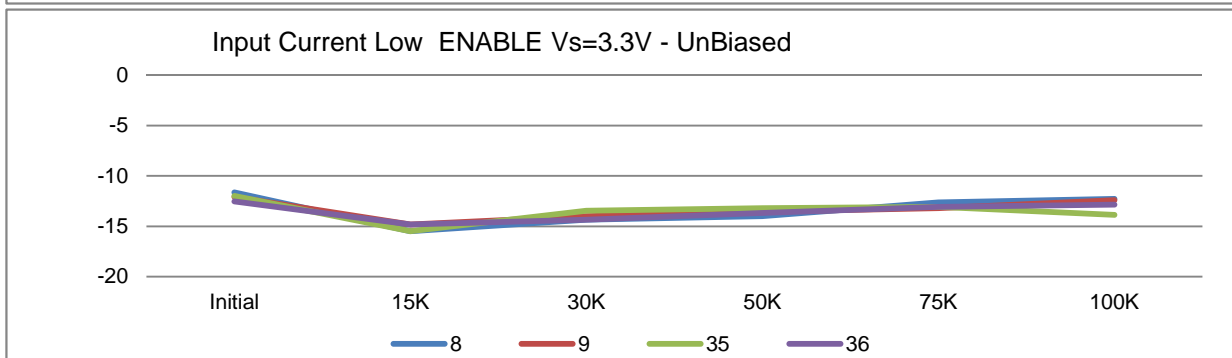
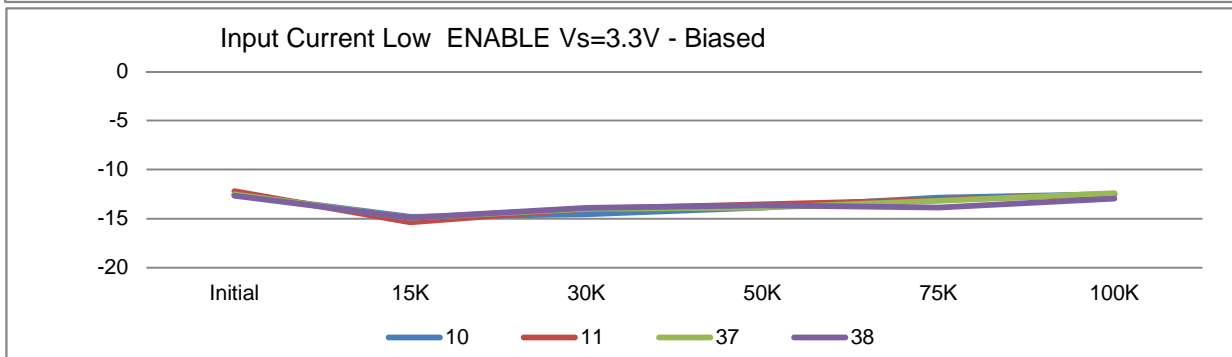
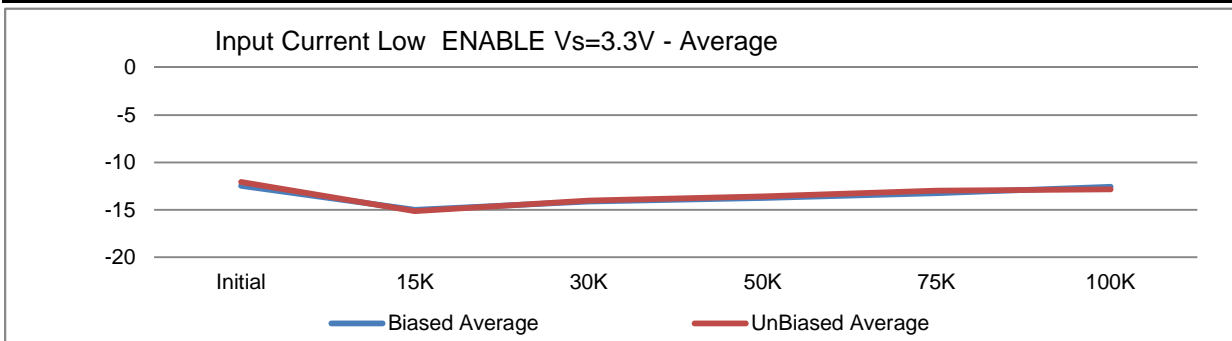
	T# 13	ENBL IIL Vs @ 2.97v and ENBL @ 0v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-12.53948	-15.03932	-14.7919	-13.43403	-13.98354	-12.61784	<+10
	39	-12.20153	-15.15199	-14.7919	-13.77199	-13.87088	-12.16717	
Biased	10	-12.65214	-14.70134	-14.0033	-14.10995	-13.87088	-13.0685	
	11	-11.75091	-15.03932	-14.9046	-13.20872	-13.08227	-12.7305	
	37	-11.97622	-15.37731	-14.116	-13.77199	-13.87088	-12.50517	
	38	-12.08887	-14.47602	-14.3413	-14.56056	-13.42025	-13.29383	
	Min	-12.6521	-15.3773	-14.9046	-14.5606	-13.8709	-13.2938	
	Max	-11.7509	-14.4760	-14.0033	-13.2087	-13.0823	-12.5052	
	Average	-12.1170	-14.8985	-14.3413	-13.9128	-13.5611	-12.8995	
UnBiased	8	-12.20153	-15.48997	-14.2286	-13.20872	-14.32152	-12.3925	
	9	-11.86357	-15.26465	-13.8906	-13.20872	-13.75823	-11.60384	
	35	-12.08887	-14.47602	-14.4539	-13.88464	-12.40632	-12.27984	
	36	-12.99009	-15.15199	-13.44	-13.65933	-13.53291	-13.0685	
	Min	-12.9901	-15.4900	-14.4539	-13.8846	-14.3215	-13.0685	
	Max	-11.8636	-14.4760	-13.4400	-13.2087	-12.4063	-11.6038	
	Average	-12.2860	-15.0957	-14.0033	-13.4904	-13.5047	-12.3362	



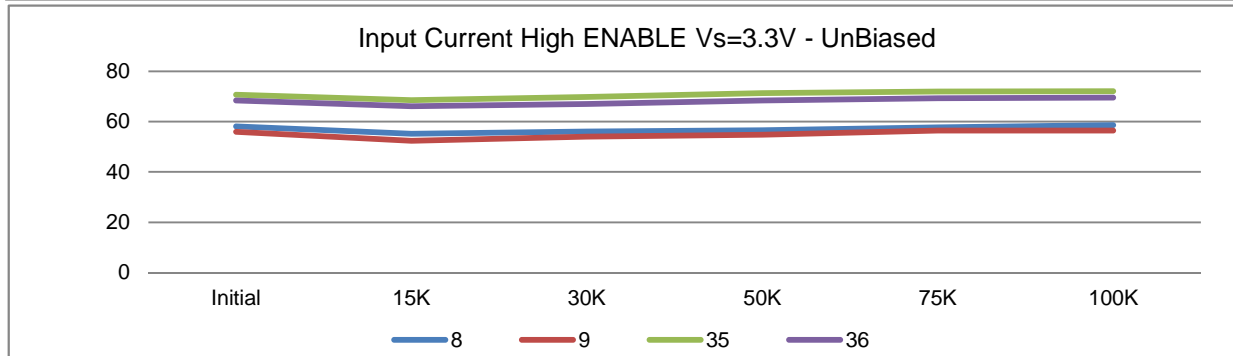
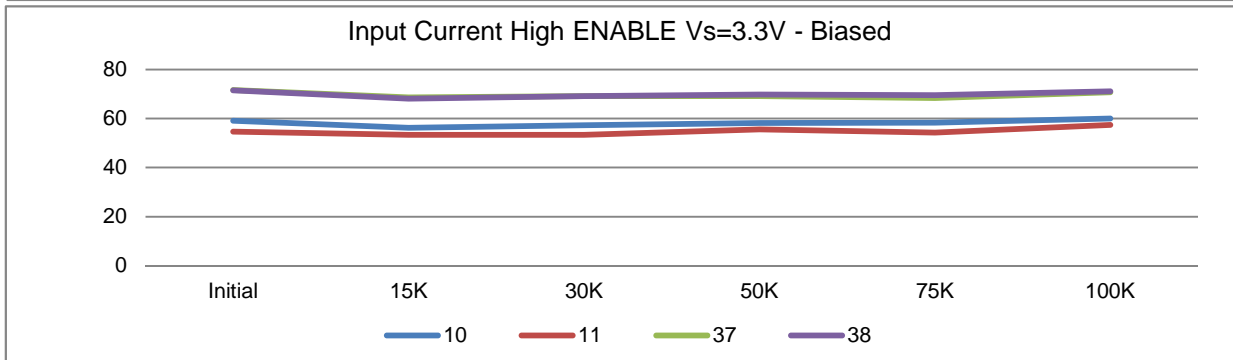
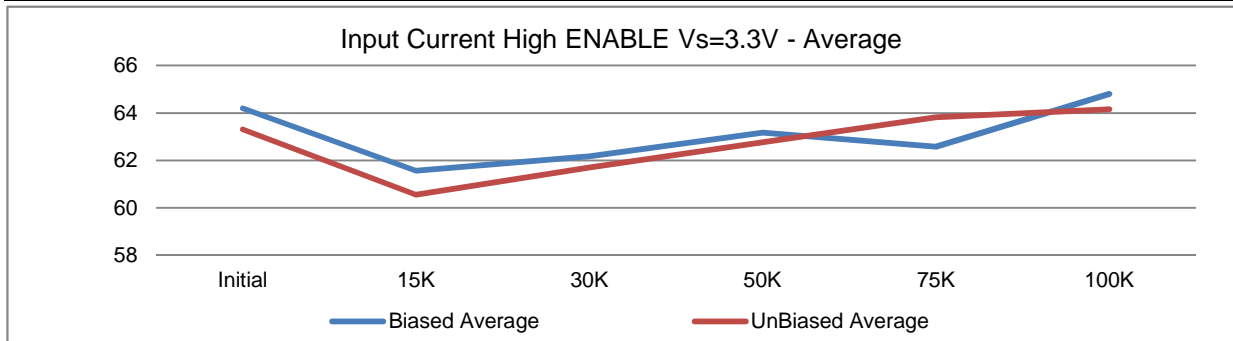
	T# 14	ENBL IIH Vs and ENBL @ 2.97v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	40.47544	39.02925	39.46527	39.55286	39.77305	40.37699	<+260
	39	51.40274	49.05614	49.71756	50.02961	50.36301	51.75623	
Biased	10	45.54481	41.95845	43.74645	44.96021	45.74398	47.81293	
	11	42.61584	40.0432	42.05651	41.91858	41.57559	44.99629	
	37	54.55702	53.44996	54.111	53.07125	53.51747	55.47421	
	38	54.66967	52.54866	52.87211	54.42309	54.86938	55.92487	
	Min	42.6158	40.0432	42.0565	41.9186	41.5756	44.9963	
	Max	54.6697	53.4500	54.1114	54.4231	54.8694	55.9249	
	Average	49.3468	47.0001	48.1966	48.5933	48.9266	51.0521	
UnBiased	8	44.53094	42.85975	43.85911	43.83368	43.94144	46.12295	
	9	43.96767	40.60651	42.3945	42.36919	43.71612	43.08097	
	35	55.68354	52.32334	53.99874	56.5635	57.0099	57.16419	
	36	53.76845	50.97139	51.85815	52.95859	53.29215	55.36154	
	Min	43.9677	40.6065	42.3945	42.3692	43.7161	43.0810	
	Max	55.6835	52.3233	53.9987	56.5635	57.0099	57.1642	
	Average	49.4877	46.6902	48.0276	48.9312	49.4899	50.4324	



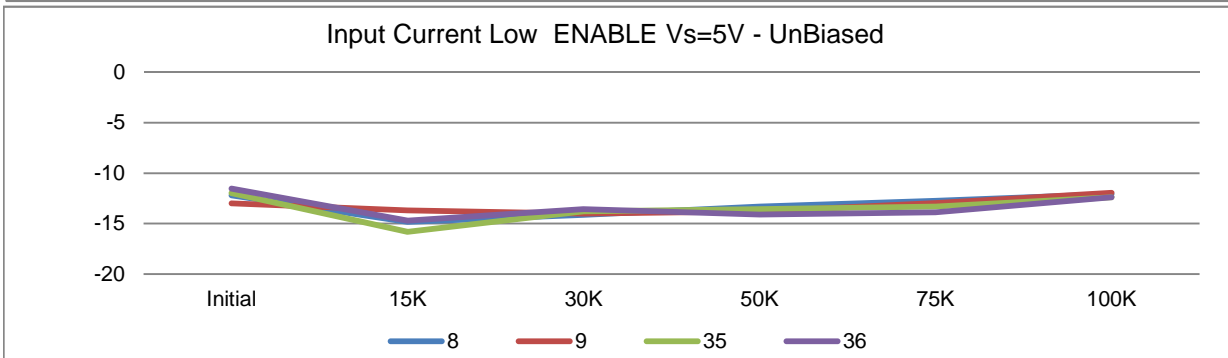
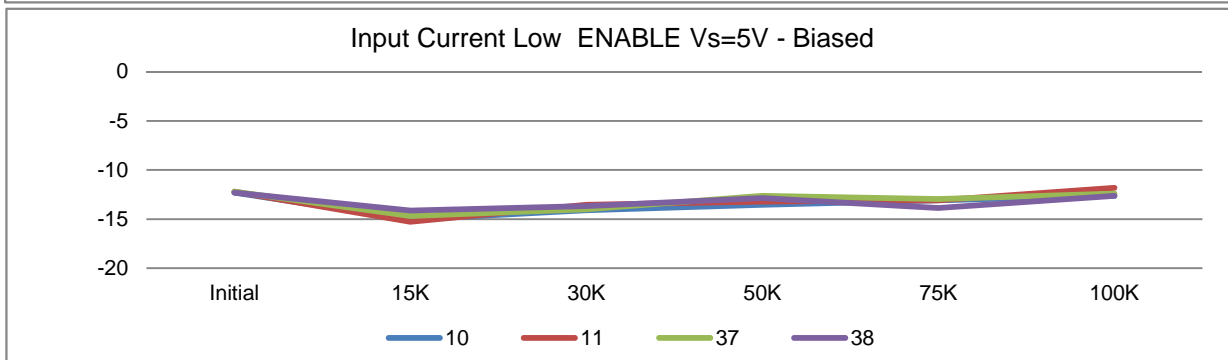
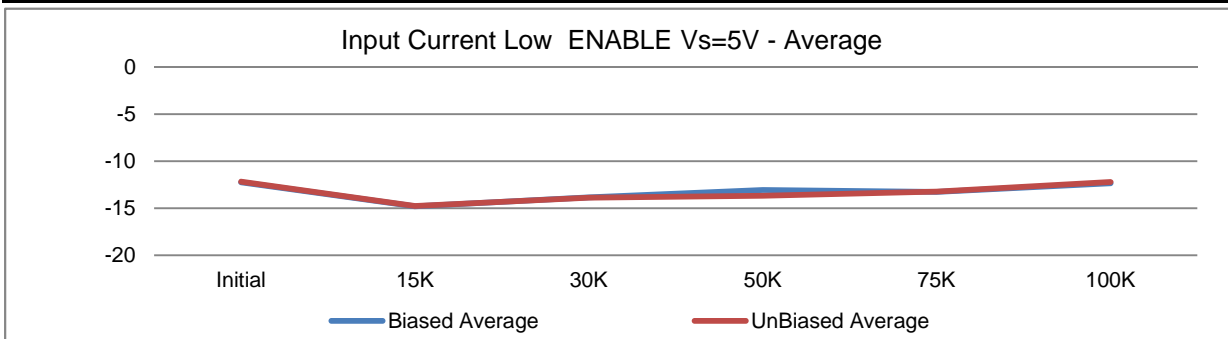
	T# 15	ENBL IIL Vs @ 3.3v and ENBL @ 0v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-11.97622	-15.26465	-13.778	-13.09607	-12.51897	-12.84317	<+10
	39	-12.42683	-14.92666	-13.6653	-13.54668	-13.87088	-12.84317	
Biased	10	-12.53948	-14.814	-14.5666	-13.88464	-12.85695	-12.50517	
	11	-12.20153	-15.37731	-14.0033	-13.54668	-13.08227	-12.50517	
	37	-12.53948	-14.92666	-14.003	-13.88464	-13.19493	-12.3925	
	38	-12.65214	-14.92666	-13.8906	-13.65933	-13.87088	-12.95583	
	Min	-12.6521	-15.3773	-14.5666	-13.8846	-13.8709	-12.9558	
	Max	-12.2015	-14.8140	-13.8906	-13.5467	-12.8570	-12.3925	
	Average	-12.4832	-15.0112	-14.1159	-13.7438	-13.2513	-12.5897	
UnBiased	8	-11.63826	-15.48997	-14.3413	-13.99729	-12.63163	-12.27984	
	9	-12.08887	-14.814	-14.0033	-13.54668	-13.19493	-12.3925	
	35	-11.97622	-15.48997	-13.44	-13.20872	-13.08227	-13.85716	
	36	-12.53948	-14.814	-14.3413	-13.65933	-13.08227	-12.84317	
	Min	-12.5395	-15.4900	-14.3413	-13.9973	-13.1949	-13.8572	
	Max	-11.6383	-14.8140	-13.4400	-13.2087	-12.6316	-12.2798	
	Average	-12.0607	-15.1520	-14.0314	-13.6030	-12.9978	-12.8432	



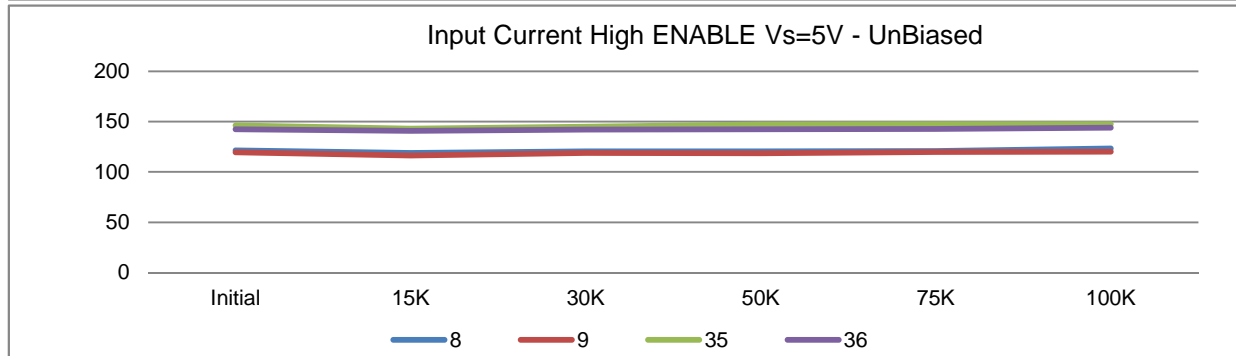
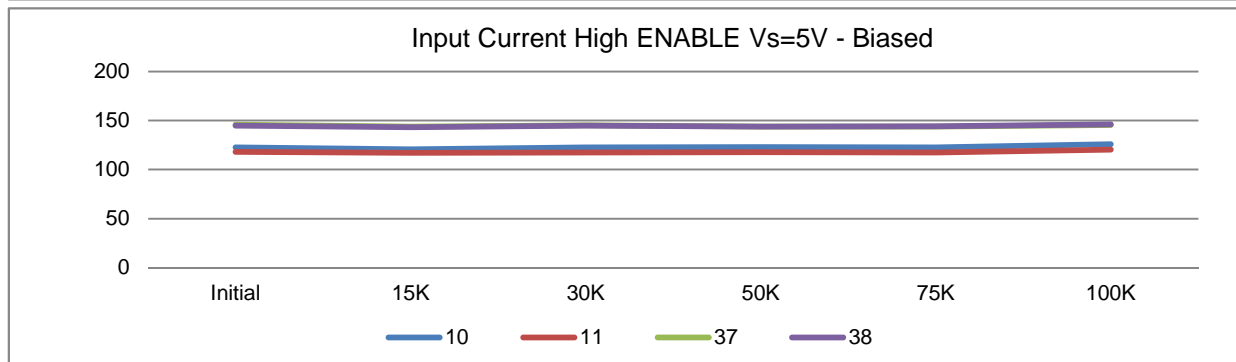
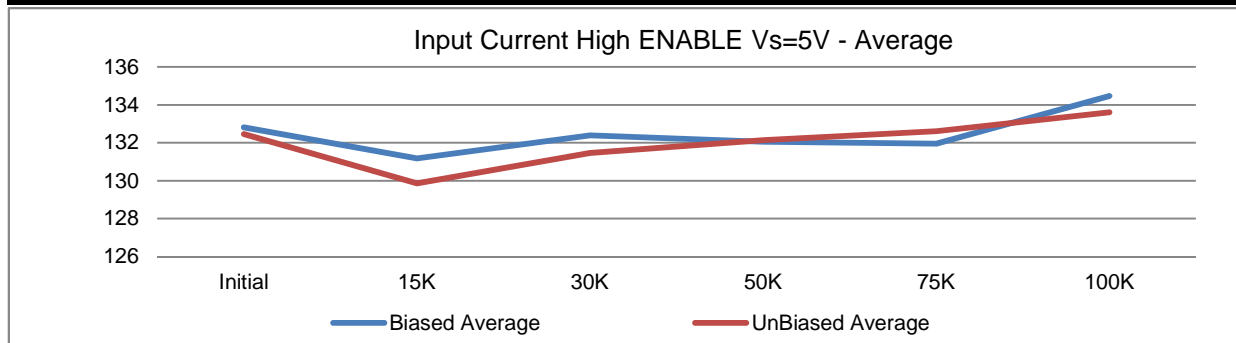
	T# 16	ENBL IH Vs and ENBL @ 3.3v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	52.48608	49.93103	51.38948	51.89873	52.32997	52.79961	<+260
	39	65.21583	63.45044	63.89503	64.62854	64.38451	65.75618	
Biased	10	59.13259	56.24009	57.24794	58.20731	58.30091	60.01022	
	11	54.62648	53.31088	53.30475	55.50363	54.24518	57.41891	
	37	71.63703	68.63289	69.078	69.13468	68.32758	70.71347	
	38	71.41173	68.06958	69.07751	69.8106	69.45417	71.05147	
	Min	54.6265	53.3109	53.3048	55.5036	54.2452	57.4189	
	Max	71.6370	68.6329	69.0775	69.8106	69.4542	71.0515	
	Average	64.2020	61.5634	62.1769	63.1641	62.5820	64.7985	
UnBiased	8	58.11872	55.22613	56.00865	56.63017	57.73761	58.65823	
	9	55.97832	52.40959	54.09339	54.82772	56.3857	56.40491	
	35	70.73581	68.52022	69.75348	71.27509	71.93267	72.06546	
	36	68.37011	66.04166	66.93692	68.3461	69.22885	69.47415	
	Min	55.9783	52.4096	54.0934	54.8277	56.3857	56.4049	
	Max	70.7358	68.5202	69.7535	71.2751	71.9327	72.0655	
	Average	63.3007	60.5494	61.6981	62.7698	63.8212	64.1507	



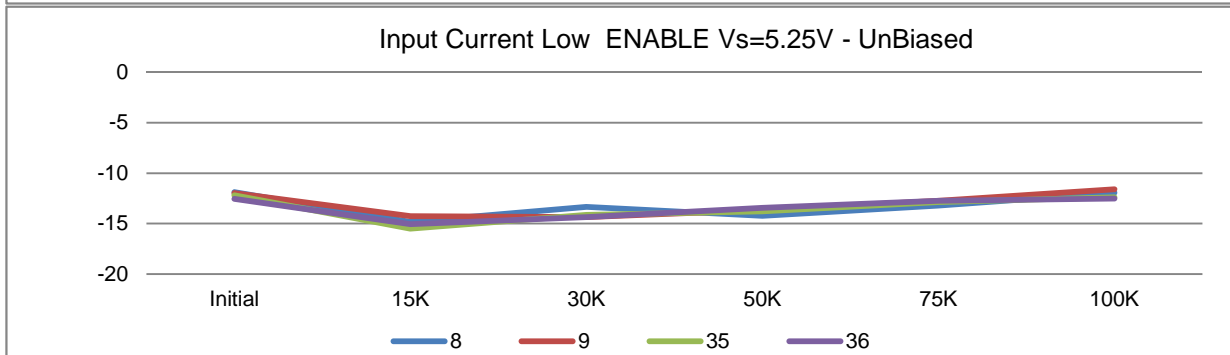
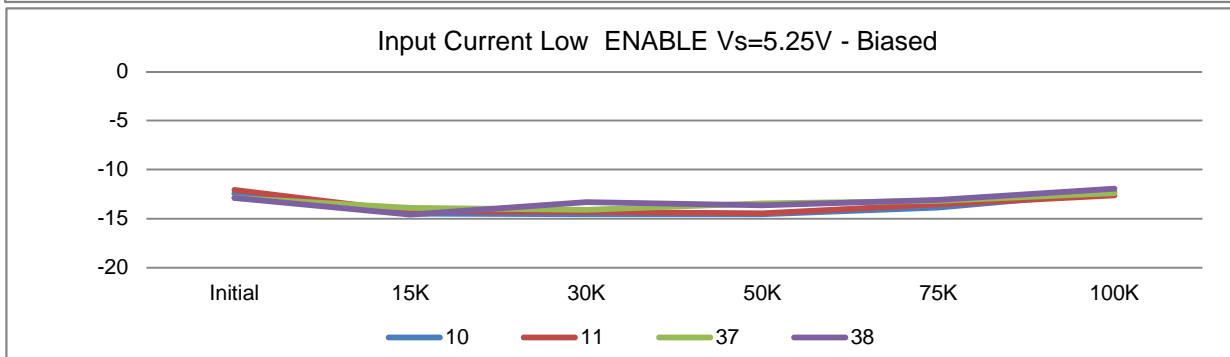
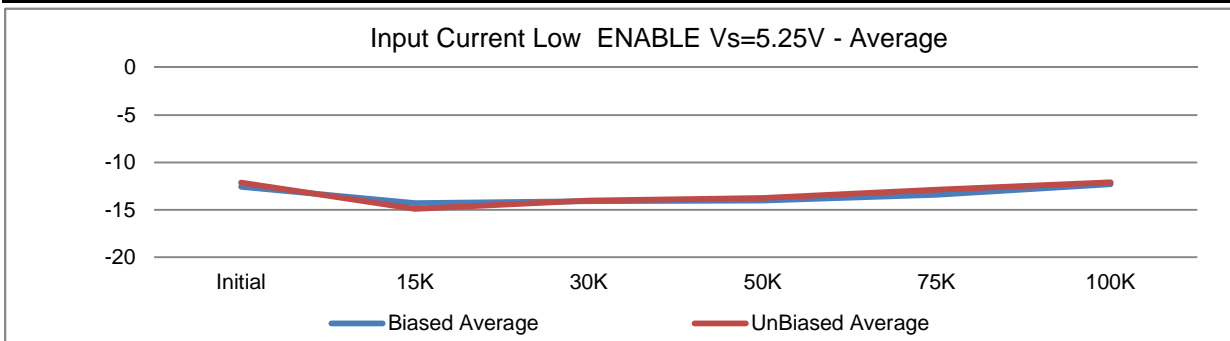
	T# 17	ENBL IIL Vs @ 5v and ENBL @ 0v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-12.76479	-14.92666	-14.0033	-13.20872	-14.20886	-12.50517	<+10
	39	-12.20153	-14.25069	-13.5526	-12.98341	-13.75823	-13.0685	
Biased	10	-12.31418	-15.03932	-14.1159	-13.54668	-13.08227	-12.61784	
	11	-12.20153	-15.26465	-13.5526	-13.20872	-13.08227	-11.82917	
	37	-12.20153	-14.70134	-14.003	-12.64545	-12.96961	-12.3925	
	38	-12.31418	-14.13803	-13.6653	-12.87076	-13.87088	-12.61784	
	Min	-12.3142	-15.2647	-14.1159	-13.5467	-13.8709	-12.6178	
	Max	-12.2015	-14.1380	-13.5526	-12.6455	-12.9696	-11.8292	
	Average	-12.2579	-14.7858	-13.8343	-13.0679	-13.2513	-12.3643	
UnBiased	8	-12.20153	-14.814	-14.1159	-13.32137	-12.74429	-12.05451	
	9	-12.99009	-13.68738	-14.0033	-13.77199	-12.96961	-11.94184	
	35	-11.97622	-15.82796	-13.778	-13.54668	-13.30759	-12.3925	
	36	-11.52561	-14.70134	-13.5526	-14.10995	-13.87088	-12.3925	
	Min	-12.9901	-15.8280	-14.1159	-14.1100	-13.8709	-12.3925	
	Max	-11.5256	-13.6874	-13.5526	-13.3214	-12.7443	-11.9418	
	Average	-12.1734	-14.7577	-13.8625	-13.6875	-13.2231	-12.1953	



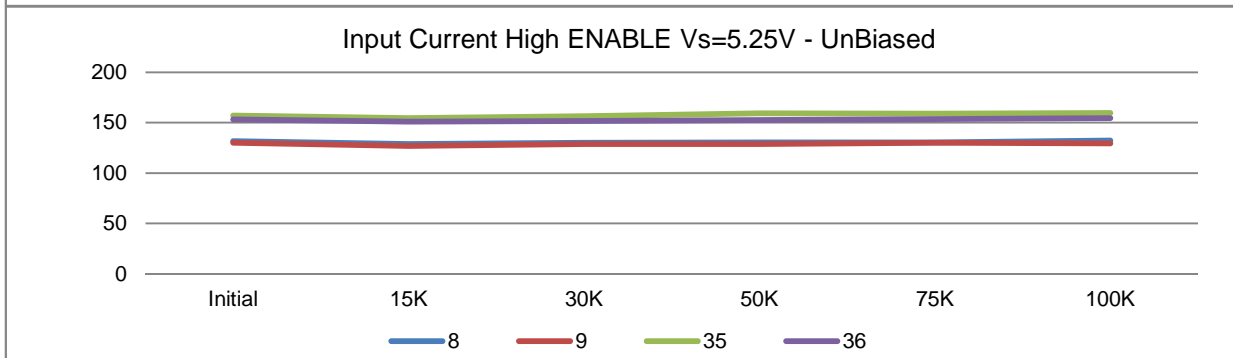
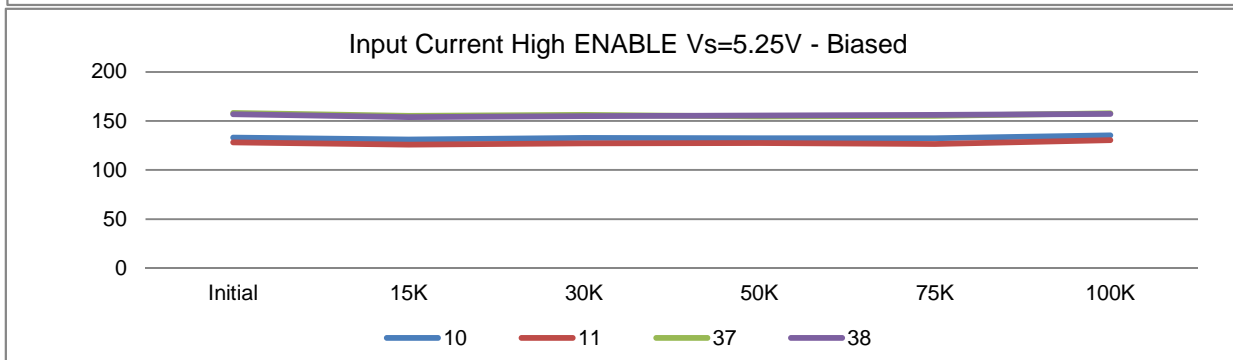
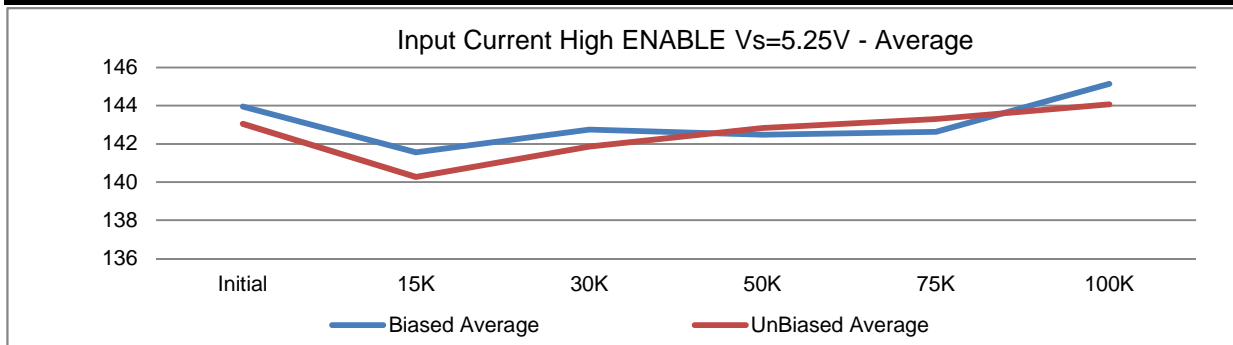
	T# 18	ENBL I1H Vs and ENBL @ 5v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	113.1652	111.3809	113.221	113.0175	113.037	113.1694	<+260
	39	140.2019	137.6311	138.7954	138.4772	138.2727	139.7585	
Biased	10	122.5154	120.7318	122.4594	122.931	122.7257	125.9006	
	11	118.122	117.1266	117.5022	117.6363	117.2054	120.38	
	37	145.8345	143.8275	144.992	143.7719	143.793	145.5045	
	38	144.8206	143.0388	144.6539	143.8845	144.131	146.0678	
	Min	118.1220	117.1266	117.5022	117.6363	117.2054	120.3800	
	Max	145.8345	143.8275	144.9919	143.8845	144.1310	146.0678	
	Average	132.8231	131.1812	132.4018	132.0559	131.9638	134.4632	
UnBiased	8	121.5015	118.9292	120.4314	120.34	120.6979	123.1966	
	9	119.5865	116.4506	118.7415	118.5375	119.6839	120.042	
	35	146.2851	143.1515	144.7666	147.1515	147.3981	147.4198	
	36	142.4549	140.8983	141.95	142.5327	142.6664	143.8145	
	Min	119.5865	116.4506	118.7415	118.5375	119.6839	120.0420	
	Max	146.2851	143.1515	144.7666	147.1515	147.3981	147.4198	
	Average	132.4570	129.8574	131.4724	132.1404	132.6116	133.6182	



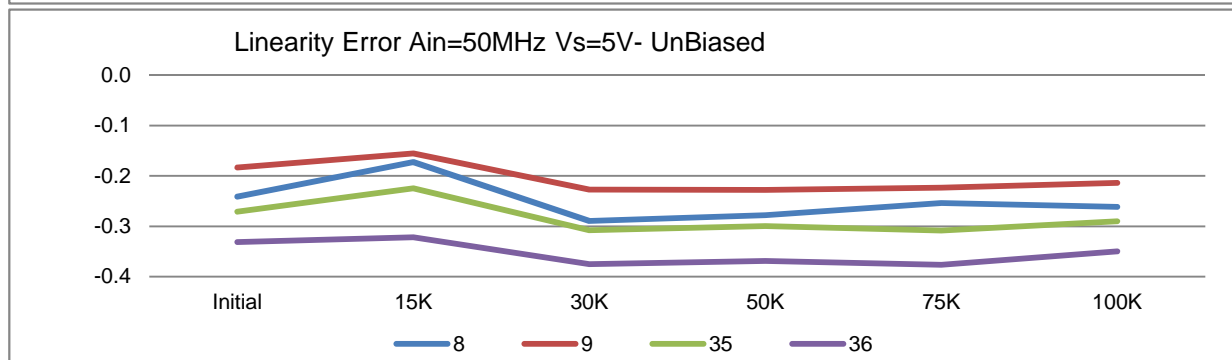
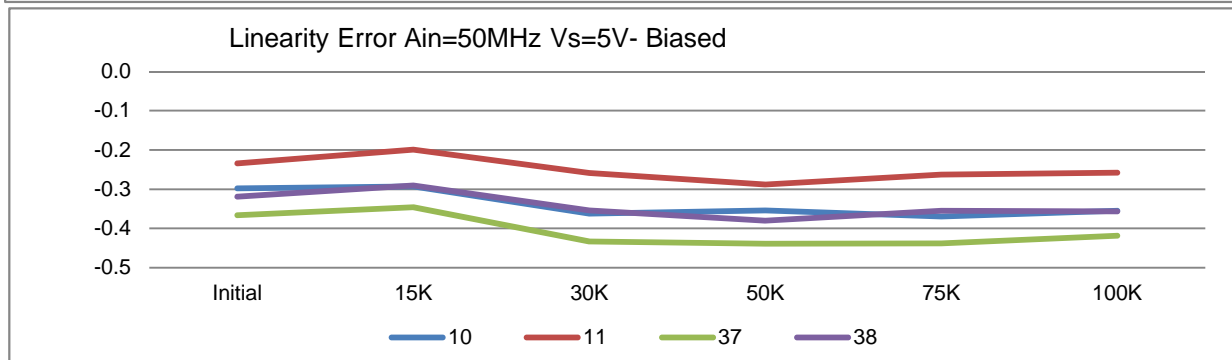
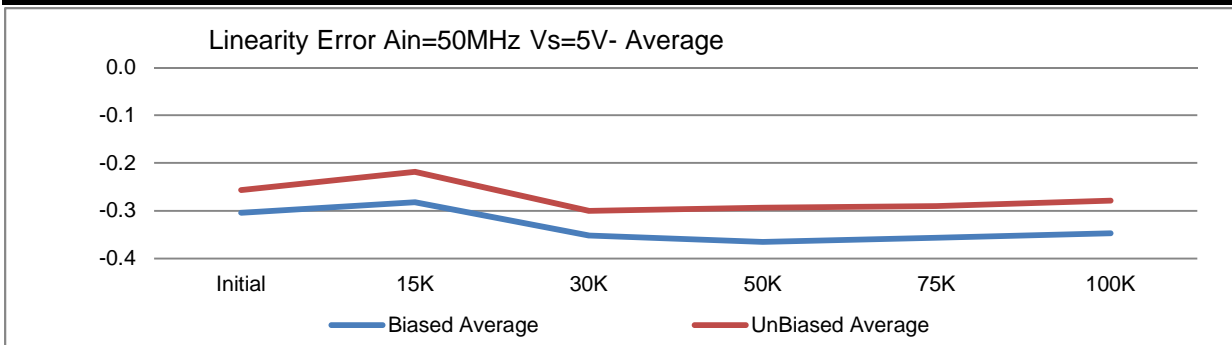
	T# 19	ENBL IIL Vs @ 5.25v and ENBL @ 0v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-11.97622	-14.92666	-13.8906	-12.75811	-14.20886	-12.7305	<+10
	39	-11.3003	-15.37731	-13.8906	-13.65933	-13.53291	-12.84317	
Biased	10	-12.42683	-14.47602	-14.5666	-14.56056	-13.87088	-12.27984	
	11	-12.08887	-14.25069	-14.3413	-14.44791	-13.53291	-12.61784	
	37	-12.87744	-13.91271	-14.116	-13.43403	-13.19493	-12.3925	
	38	-12.87744	-14.58868	-13.3273	-13.65933	-13.08227	-11.94184	
	Min	-12.8774	-14.5887	-14.5666	-14.5606	-13.8709	-12.6178	
	Max	-12.0889	-13.9127	-13.3273	-13.4340	-13.0823	-11.9418	
	Average	-12.5676	-14.3070	-14.0878	-14.0255	-13.4202	-12.3080	
UnBiased	8	-11.86357	-14.814	-13.3273	-14.2226	-13.19493	-11.94184	
	9	-11.97622	-14.25069	-14.3413	-13.65933	-12.74429	-11.60384	
	35	-12.20153	-15.48997	-14.1159	-13.77199	-12.85695	-12.3925	
	36	-12.53948	-15.03932	-14.3413	-13.43403	-12.74429	-12.50517	
	Min	-12.5395	-15.4900	-14.3413	-14.2226	-13.1949	-12.5052	
	Max	-11.8636	-14.2507	-13.3273	-13.4340	-12.7443	-11.6038	
	Average	-12.1452	-14.8985	-14.0314	-13.7720	-12.8851	-12.1108	



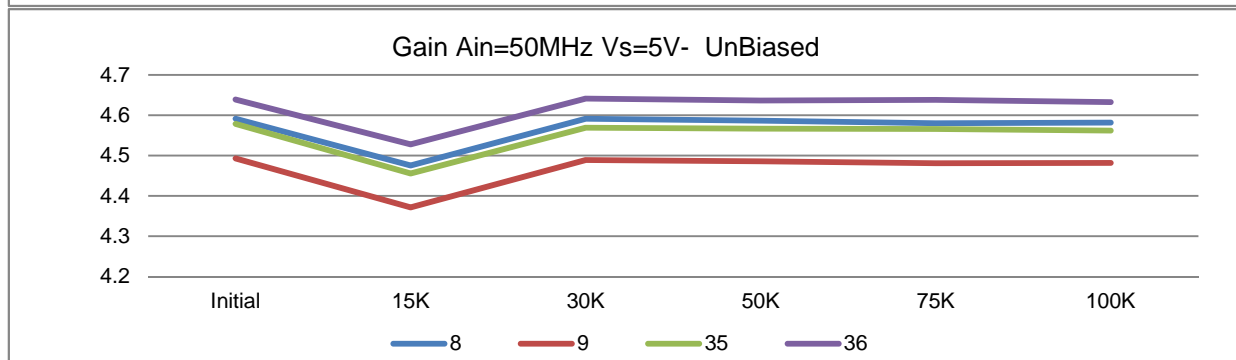
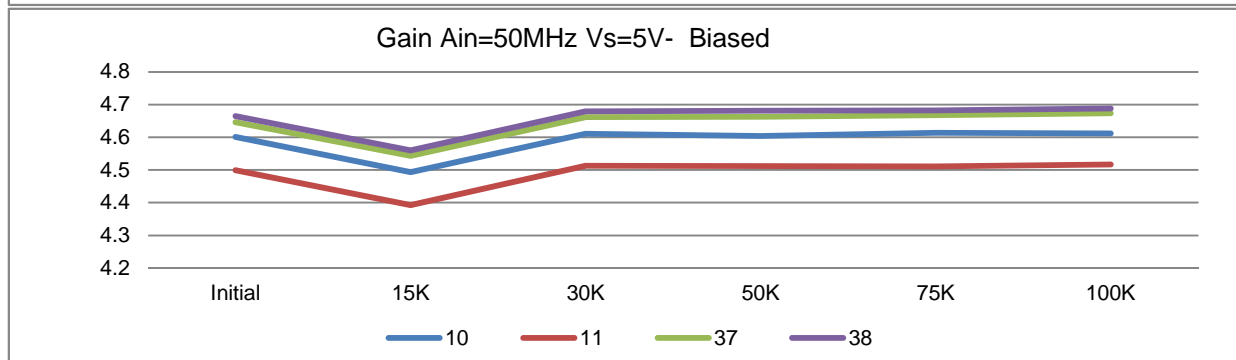
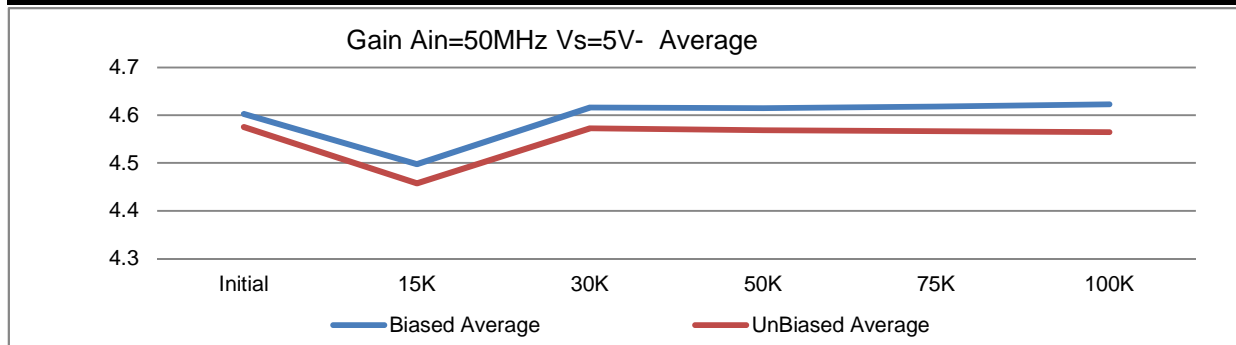
	T# 20	ENBL IiH Vs and ENBL @ 5.25v						nA
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	122.2624	120.9389	122.1095	120.8703	121.555	122.9131	<+260
	39	149.5244	147.7524	148.4726	148.2451	148.2552	149.7275	
Biased	10	132.9644	131.1912	132.8125	132.2483	132.4829	135.3063	
	11	128.1204	125.7834	127.1793	127.4042	126.6246	130.4617	
	37	157.9733	155.3008	156.246	154.5537	155.1274	157.7268	
	38	156.7341	153.9488	154.7817	155.6802	156.254	157.0508	
	Min	128.1204	125.7834	127.1793	127.4042	126.6246	130.4617	
	Max	157.9733	155.3008	156.2463	155.6802	156.2540	157.7268	
	Average	143.9480	141.5560	142.7549	142.4716	142.6222	145.1364	
UnBiased	8	131.7252	128.7126	130.2212	130.5585	130.5677	132.377	
	9	130.0355	126.91	128.8693	128.8687	130.1171	129.4477	
	35	157.0721	154.3995	156.5843	159.2851	158.8452	159.7548	
	36	153.3545	151.0196	151.7398	152.6386	153.6628	154.6848	
	Min	130.0355	126.9100	128.8693	128.8687	130.1171	129.4477	
	Max	157.0721	154.3995	156.5843	159.2851	158.8452	159.7548	
	Average	143.0468	140.2604	141.8536	142.8377	143.2982	144.0661	



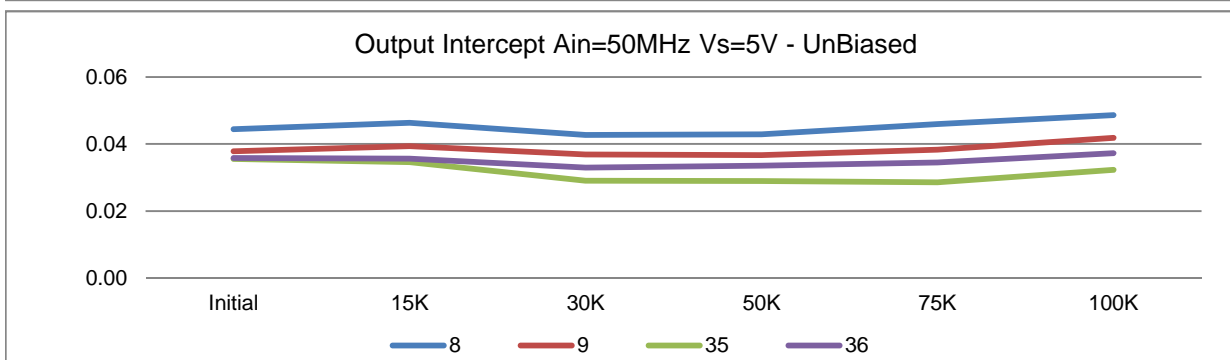
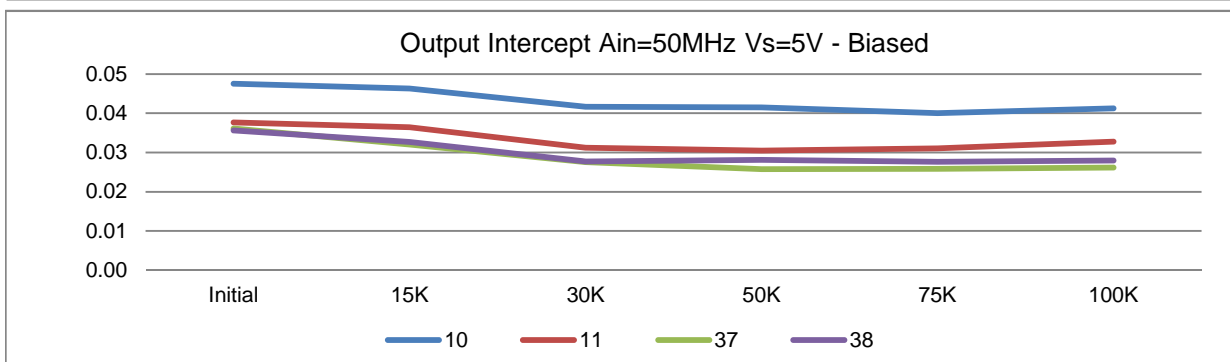
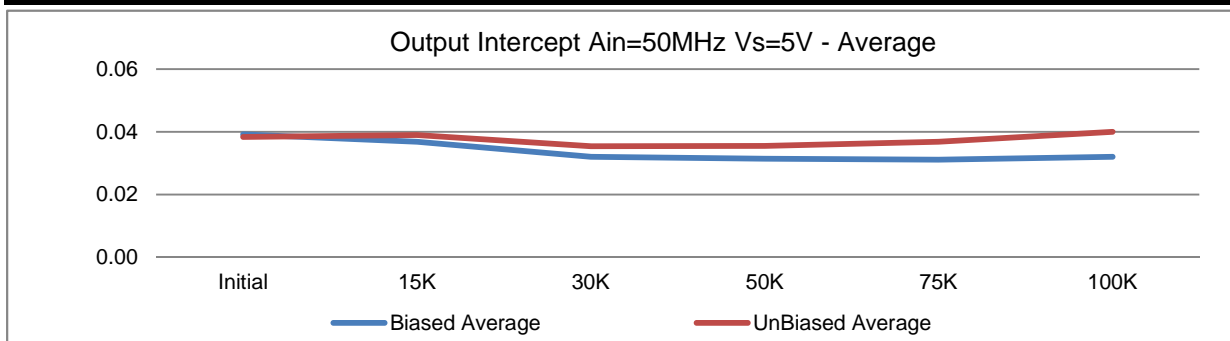
	T# 21	LINEARITY ERROR Ain 50MHz Vs @ 5v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-0.31828	-0.30194	-0.35399	-0.3678	-0.34838	-0.35165	+/-1
	39	-0.32307	-0.32773	-0.3785	-0.38187	-0.36582	-0.36015	
Biased	10	-0.2982	-0.29328	-0.36227	-0.3542	-0.36936	-0.35515	
	11	-0.23465	-0.1992	-0.25835	-0.28778	-0.26249	-0.2581	
	37	-0.36657	-0.34567	-0.433	-0.43899	-0.43816	-0.41872	
	38	-0.31905	-0.29052	-0.35373	-0.37999	-0.35525	-0.35668	
	Min	-0.3666	-0.3457	-0.4332	-0.4390	-0.4382	-0.4187	
	Max	-0.2347	-0.1992	-0.2584	-0.2878	-0.2625	-0.2581	
	Average	-0.3046	-0.2822	-0.3519	-0.3652	-0.3563	-0.3472	
UnBiased	8	-0.24085	-0.17226	-0.28957	-0.27794	-0.25382	-0.26161	
	9	-0.18316	-0.15523	-0.22686	-0.22794	-0.22297	-0.21362	
	35	-0.27069	-0.22469	-0.30806	-0.29957	-0.30855	-0.28979	
	36	-0.33145	-0.32178	-0.37536	-0.36889	-0.37671	-0.34965	
	Min	-0.3315	-0.3218	-0.3754	-0.3689	-0.3767	-0.3497	
	Max	-0.1832	-0.1552	-0.2269	-0.2279	-0.2230	-0.2136	
	Average	-0.2565	-0.2185	-0.3000	-0.2936	-0.2905	-0.2787	



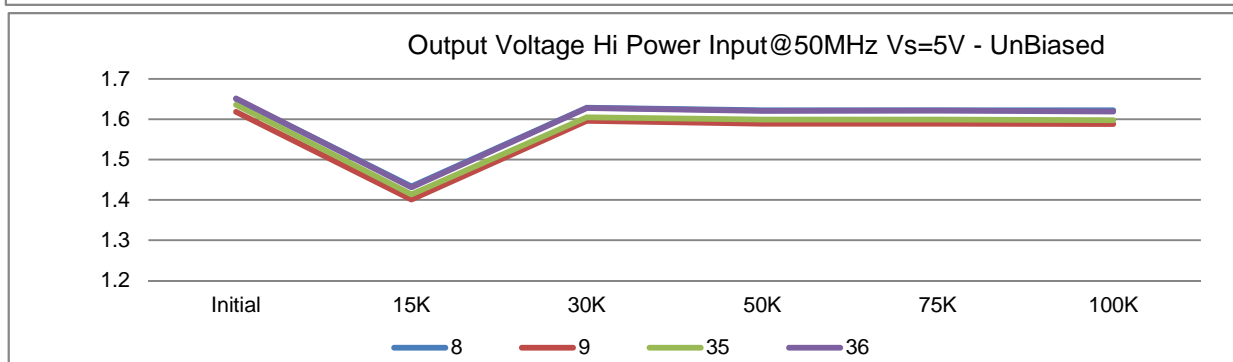
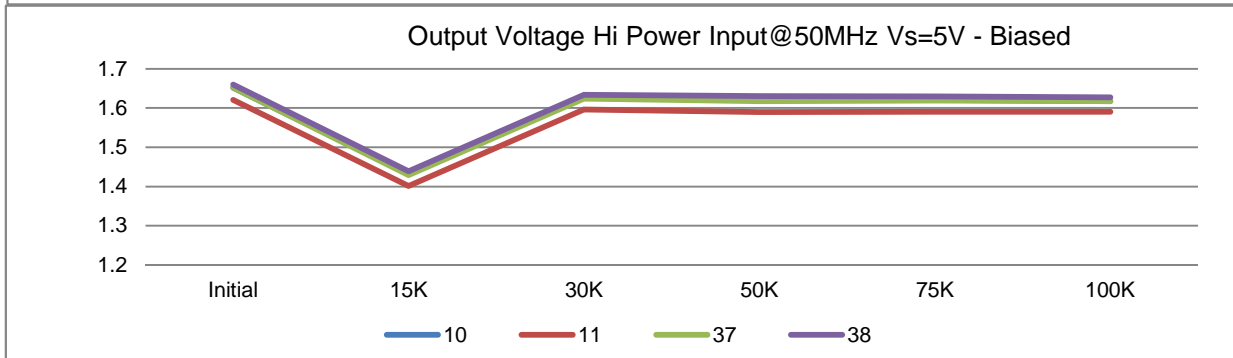
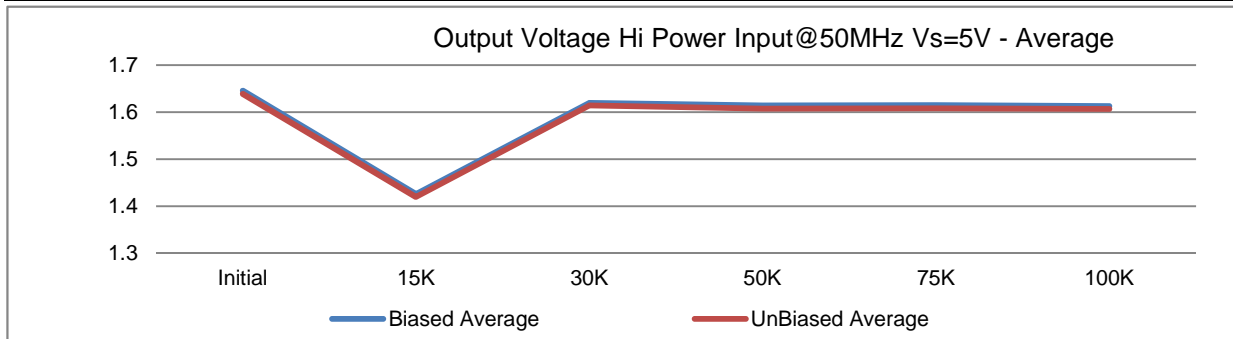
	T# 22	GAIN Ain 50MHz Vs @ 5v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	4.58701	4.47751	4.59908	4.60291	4.59713	4.59963	>4
	39	4.63632	4.53058	4.64837	4.64535	4.64376	4.64572	<5.4
Biased	10	4.60053	4.49313	4.61125	4.60378	4.61371	4.61225	
	11	4.49946	4.39251	4.51295	4.5117	4.51078	4.51736	
	37	4.64644	4.54366	4.662	4.66294	4.66745	4.67343	
	38	4.66434	4.55997	4.67883	4.68167	4.68186	4.68785	
	Min	4.4995	4.3925	4.5130	4.5117	4.5108	4.5174	
	Max	4.6643	4.5600	4.6788	4.6817	4.6819	4.6879	
	Average	4.6027	4.4973	4.6161	4.6150	4.6185	4.6227	
UnBiased	8	4.59102	4.47532	4.59141	4.58647	4.58034	4.58173	
	9	4.49284	4.37144	4.48908	4.48574	4.48104	4.48196	
	35	4.57869	4.45559	4.56925	4.5669	4.56579	4.56181	
	36	4.63877	4.52792	4.6411	4.63608	4.63787	4.63236	
	Min	4.4928	4.3714	4.4891	4.4857	4.4810	4.4820	
	Max	4.6388	4.5279	4.6411	4.6361	4.6379	4.6324	
	Average	4.5753	4.4576	4.5727	4.5688	4.5663	4.5645	



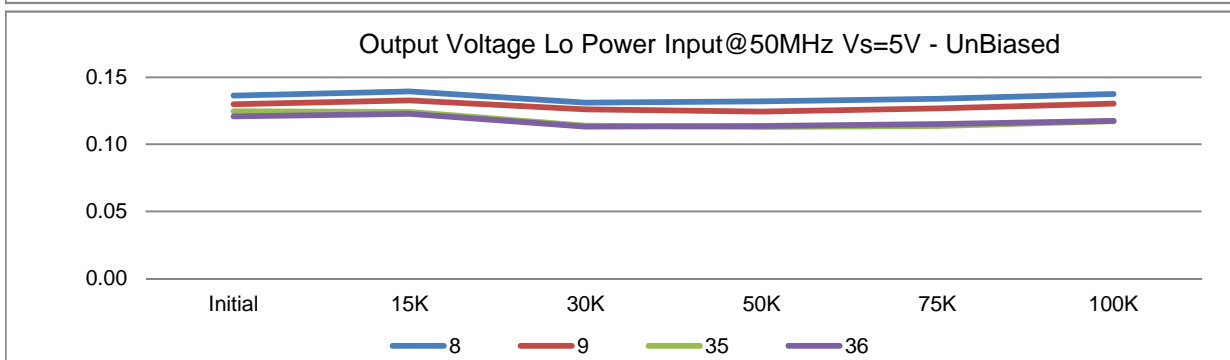
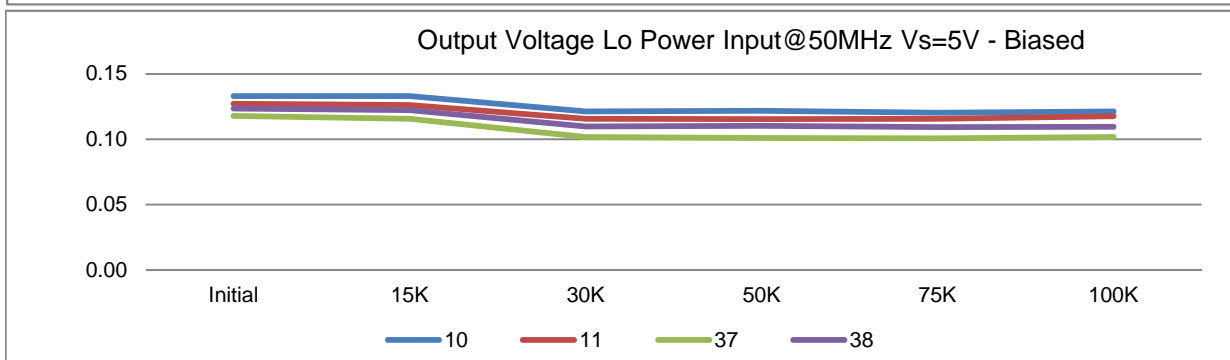
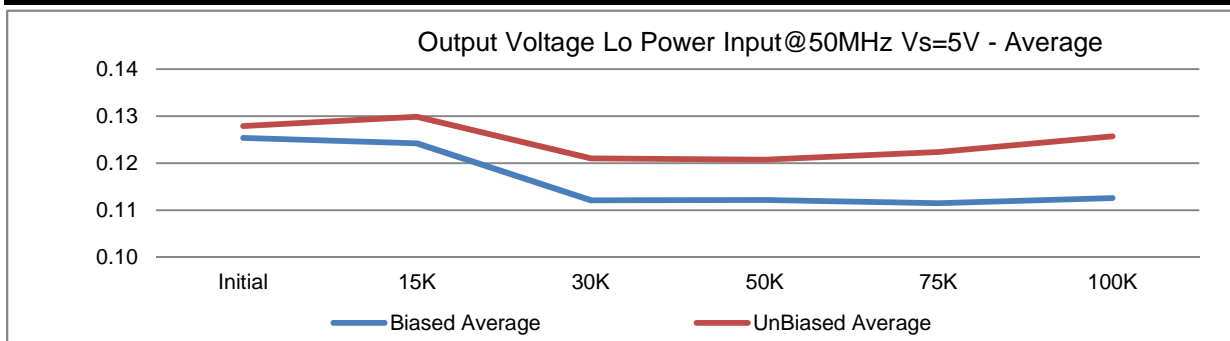
	T# 23	Output Intercept Ain 50MHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.02534	0.02347	0.01988	0.01861	0.01971	0.02084	>-0.05
	39	0.0405	0.03871	0.03487	0.03384	0.03467	0.03578	<0.1
Biased	10	0.04752	0.04631	0.04164	0.0415	0.03999	0.04121	
	11	0.03764	0.03645	0.03119	0.03051	0.03108	0.03277	
	37	0.03607	0.03206	0.028	0.02576	0.02583	0.0262	
	38	0.03566	0.03269	0.02769	0.02808	0.02761	0.02793	
	Min	0.0357	0.0321	0.0275	0.0258	0.0258	0.0262	
	Max	0.0475	0.0463	0.0416	0.0415	0.0400	0.0412	
	Average	0.0392	0.0369	0.0320	0.0315	0.0311	0.0320	
UnBiased	8	0.04439	0.04631	0.04275	0.04295	0.04592	0.04865	
	9	0.03786	0.03936	0.03686	0.03668	0.03832	0.04181	
	35	0.03554	0.03458	0.02912	0.02897	0.02861	0.03229	
	36	0.03586	0.03562	0.03299	0.03361	0.03451	0.03727	
	Min	0.0355	0.0346	0.0291	0.0290	0.0286	0.0323	
	Max	0.0444	0.0463	0.0428	0.0430	0.0459	0.0487	
	Average	0.0384	0.0390	0.0354	0.0356	0.0368	0.0400	



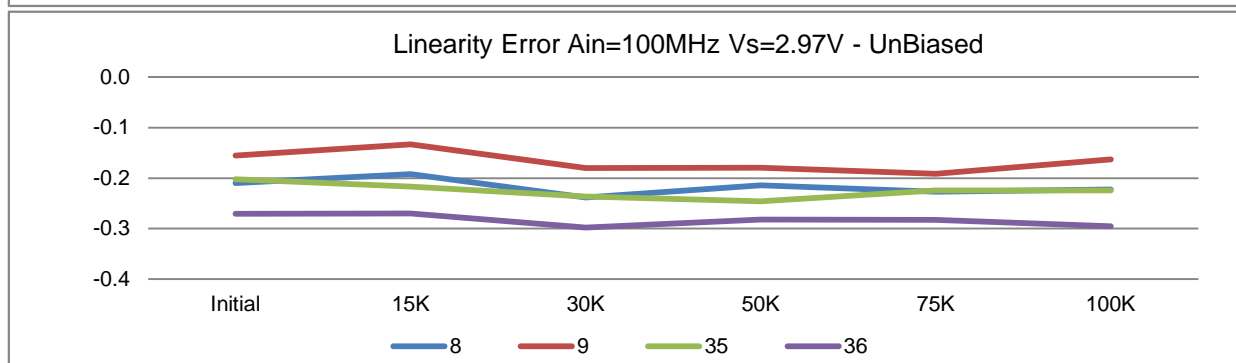
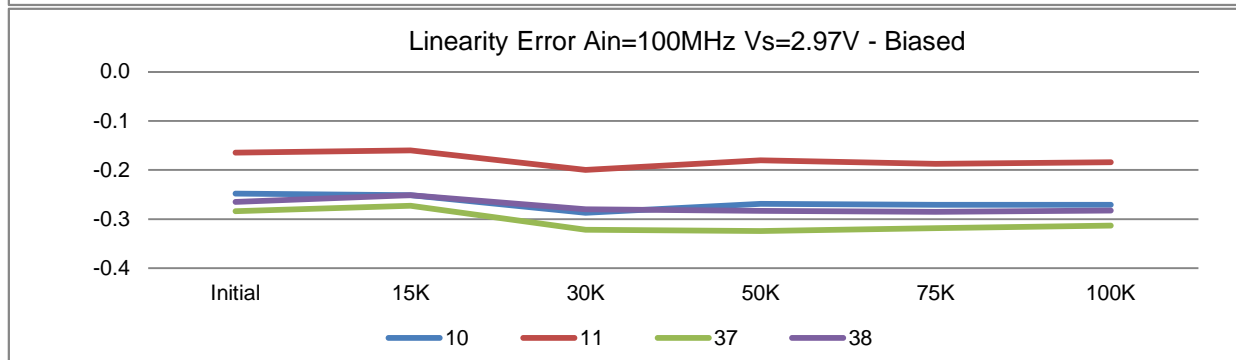
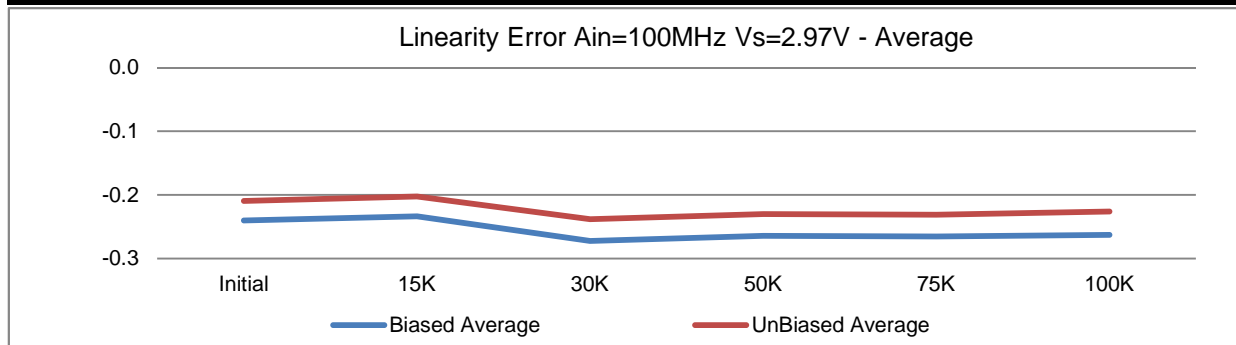
	T# 24	Output Voltage Hi Power In 50MHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	1.62565	1.40606	1.60523	1.60036	1.59893	1.60585	>1.15
	39	1.6556	1.43626	1.63355	1.62497	1.62493	1.63254	
Biased	10	1.65158	1.43268	1.62658	1.61995	1.62072	1.61728	
	11	1.6205	1.40154	1.59619	1.59	1.59052	1.59003	
	37	1.65139	1.4291	1.624	1.6175	1.61934	1.61754	
	38	1.65949	1.43871	1.6338	1.63056	1.6297	1.62677	
	Min	1.6205	1.4015	1.5962	1.5900	1.5905	1.5900	
	Max	1.6595	1.4387	1.6338	1.6306	1.6297	1.6268	
	Average	1.6457	1.4255	1.6200	1.6145	1.6151	1.6129	
UnBiased	8	1.65026	1.433	1.62878	1.62202	1.62235	1.62181	
	9	1.61843	1.40041	1.596	1.58868	1.58844	1.58783	
	35	1.63595	1.41372	1.60498	1.59923	1.59918	1.59725	
	36	1.65114	1.43105	1.6274	1.62064	1.62154	1.61917	
	Min	1.6184	1.4004	1.5960	1.5887	1.5884	1.5878	
	Max	1.6511	1.4330	1.6288	1.6220	1.6224	1.6218	
	Average	1.6389	1.4195	1.6143	1.6076	1.6079	1.6065	



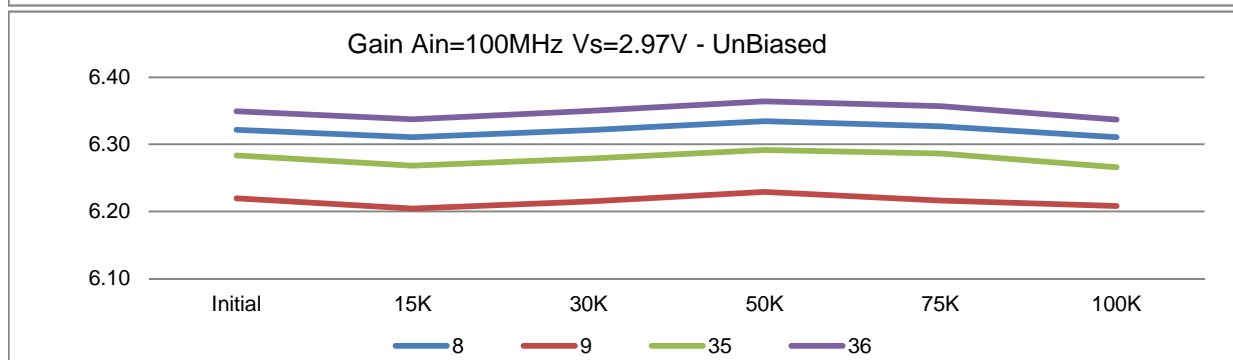
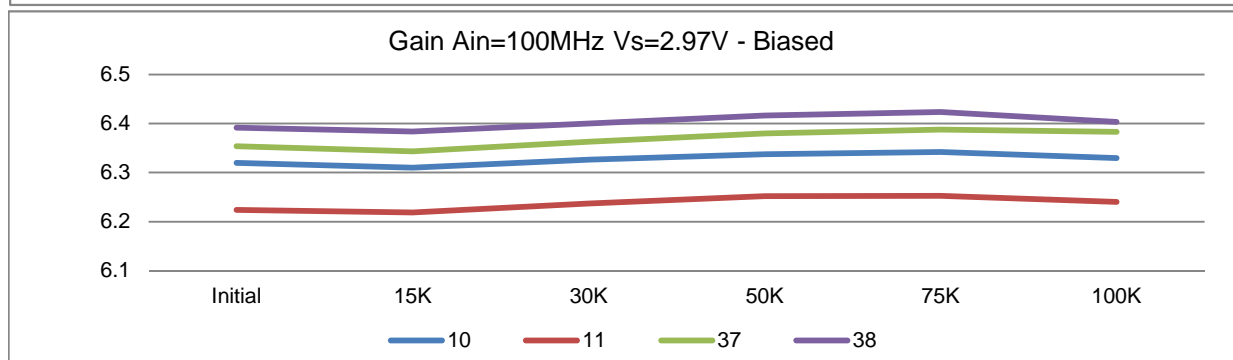
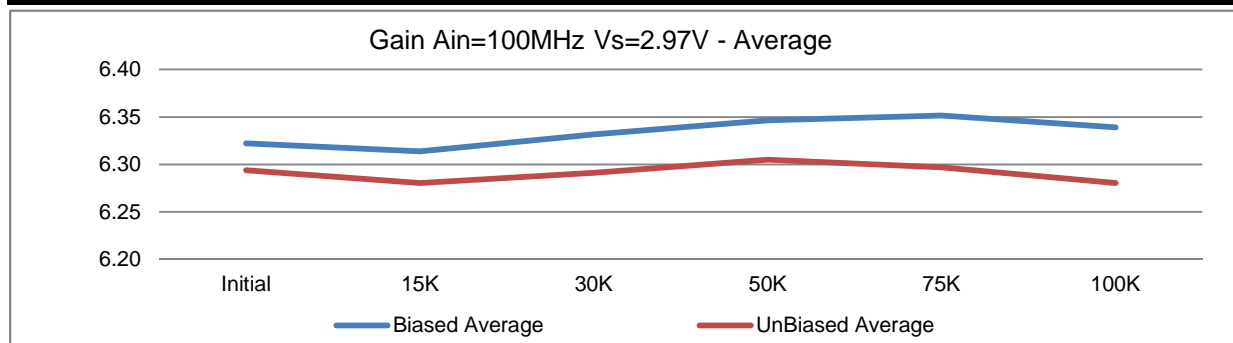
	T# 25	Output Voltage Lo Power In 50MHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.11014	0.10989	0.09953	0.09796	0.09871	0.10134	>0.08
	39	0.12597	0.12678	0.11535	0.11416	0.11429	0.11691	
Biased	10	0.133	0.13306	0.12119	0.12188	0.12025	0.12138	
	11	0.1271	0.12609	0.1156	0.11541	0.11567	0.11761	
	37	0.1178	0.1156	0.102	0.1011	0.10066	0.10179	
	38	0.12352	0.1222	0.10982	0.11039	0.10939	0.10963	
	Min	0.1178	0.1156	0.1017	0.1011	0.1007	0.1018	
	Max	0.1330	0.1331	0.1212	0.1219	0.1203	0.1214	
	Average	0.1254	0.1242	0.1121	0.1122	0.1115	0.1126	
UnBiased	8	0.13633	0.13953	0.13105	0.13193	0.13388	0.13758	
	9	0.12986	0.13281	0.12609	0.12446	0.12678	0.13029	
	35	0.12471	0.12421	0.11384	0.1129	0.11372	0.1173	
	36	0.12075	0.12282	0.11315	0.11378	0.1151	0.11755	
	Min	0.1208	0.1228	0.1132	0.1129	0.1137	0.1173	
	Max	0.1363	0.1395	0.1311	0.1319	0.1339	0.1376	
	Average	0.1279	0.1298	0.1210	0.1208	0.1224	0.1257	



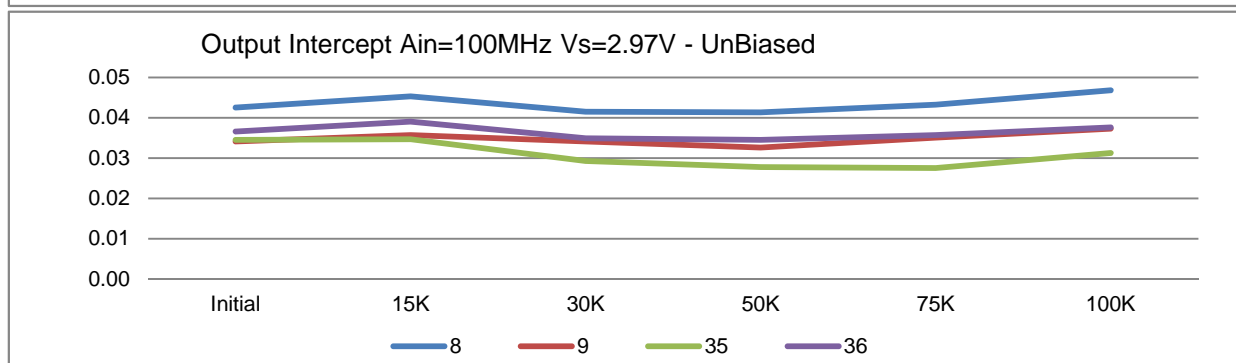
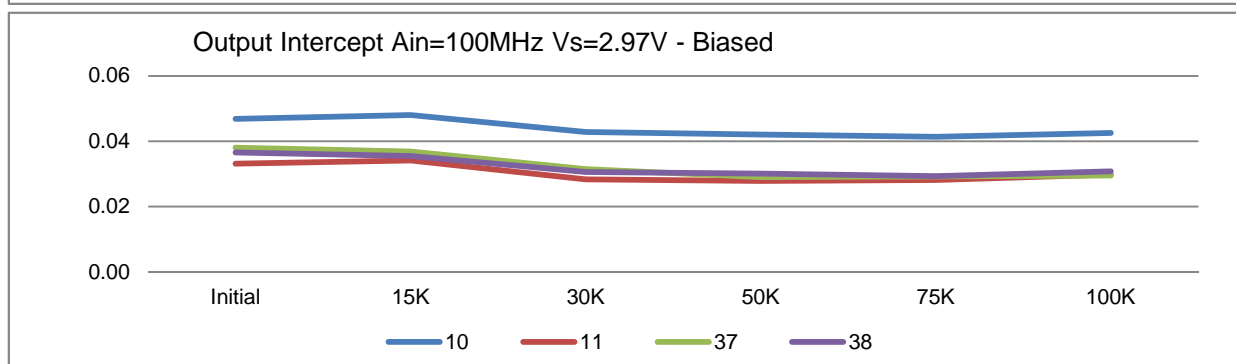
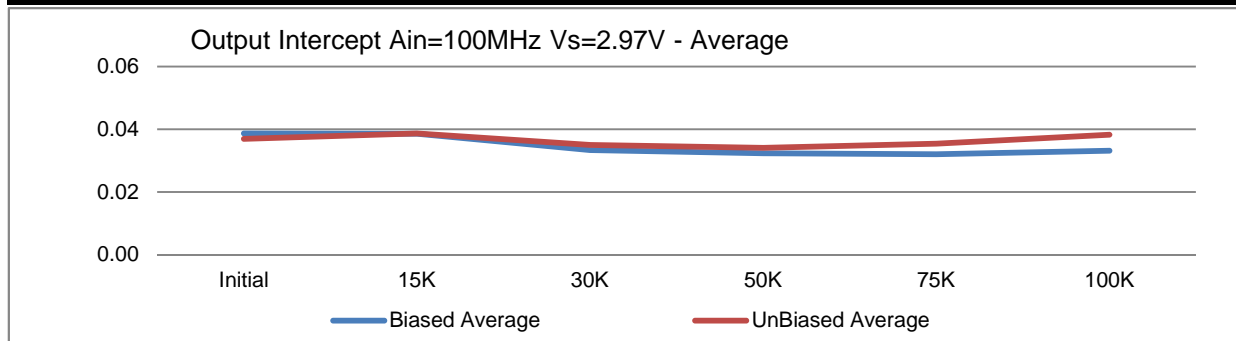
	T# 26	LINEARITY ERROR Ain 100MHz Vs @ 2.97v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-0.23254	-0.22539	-0.27747	-0.26383	-0.26069	-0.25331	+/-1
	39	-0.26108	-0.24147	-0.29391	-0.27916	-0.28452	-0.28713	
Biased	10	-0.24779	-0.25133	-0.28709	-0.26907	-0.27091	-0.27109	
	11	-0.16441	-0.15991	-0.2	-0.18025	-0.18723	-0.18391	
	37	-0.28381	-0.27291	-0.322	-0.32407	-0.31852	-0.31361	
	38	-0.26535	-0.25112	-0.2799	-0.28346	-0.28513	-0.28263	
	Min	-0.2838	-0.2729	-0.3218	-0.3241	-0.3185	-0.3136	
	Max	-0.1644	-0.1599	-0.2000	-0.1803	-0.1872	-0.1839	
	Average	-0.2403	-0.2338	-0.2722	-0.2642	-0.2654	-0.2628	
UnBiased	8	-0.20983	-0.19166	-0.23821	-0.21427	-0.22681	-0.22233	
	9	-0.15531	-0.13279	-0.18001	-0.17908	-0.19097	-0.16275	
	35	-0.20199	-0.21674	-0.23627	-0.24607	-0.2241	-0.22408	
	36	-0.27066	-0.27013	-0.29795	-0.28205	-0.28241	-0.29545	
	Min	-0.2707	-0.2701	-0.2980	-0.2821	-0.2824	-0.2955	
	Max	-0.1553	-0.1328	-0.1800	-0.1791	-0.1910	-0.1628	
	Average	-0.2094	-0.2028	-0.2381	-0.2304	-0.2311	-0.2262	



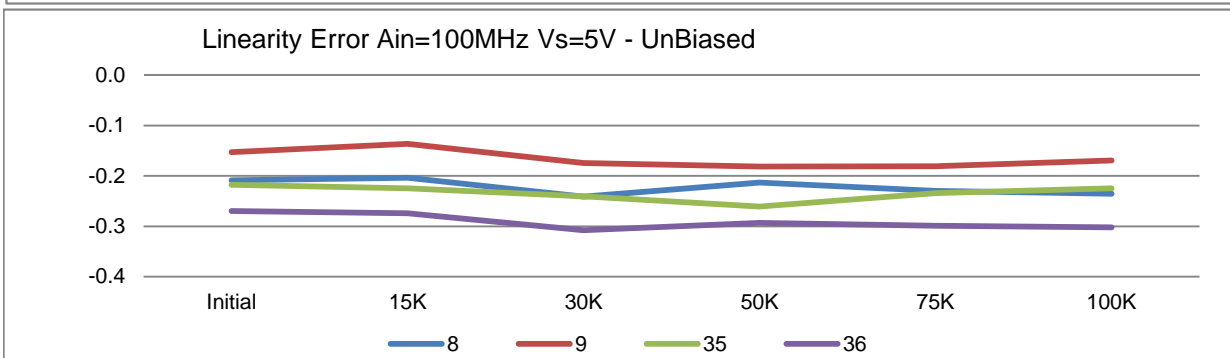
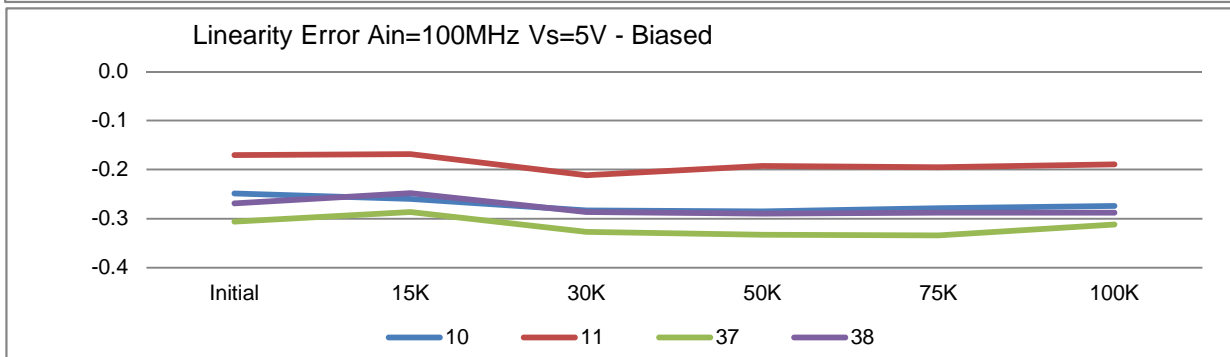
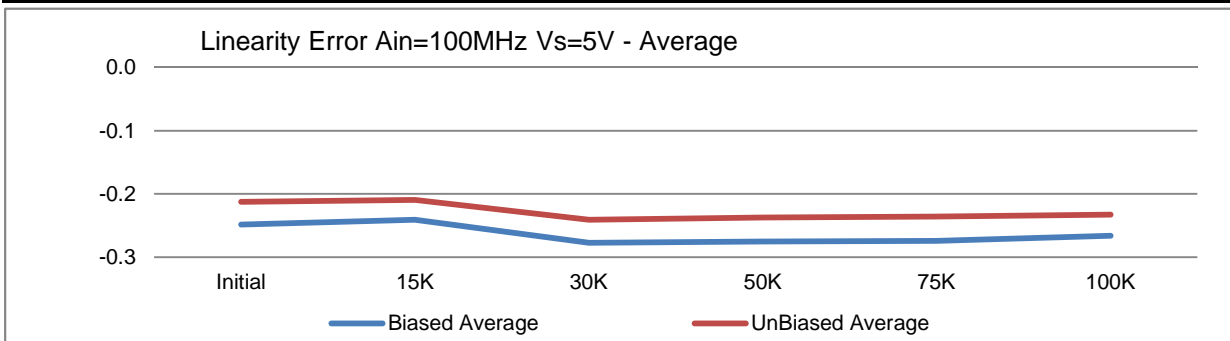
	T# 27	GAIN Ain 100MHz Vs @ 2.97v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	6.29853	6.28368	6.30643	6.30679	6.30947	6.30306	>5.3
	39	6.3552	6.34143	6.36036	6.37008	6.36465	6.35769	<7.8
Biased	10	6.31979	6.3098	6.32655	6.33727	6.34204	6.32948	
	11	6.22415	6.2185	6.23665	6.25169	6.25225	6.24018	
	37	6.35349	6.3431	6.363	6.3798	6.38771	6.38284	
	38	6.39142	6.38338	6.39997	6.41643	6.42375	6.40352	
	Min	6.2242	6.2185	6.2367	6.2517	6.2523	6.2402	
	Max	6.3914	6.3834	6.4000	6.4164	6.4238	6.4035	
	Average	6.3222	6.3137	6.3315	6.3463	6.3514	6.3390	
UnBiased	8	6.3215	6.3109	6.32116	6.33464	6.32713	6.31072	
	9	6.21988	6.2042	6.21471	6.22936	6.21649	6.20823	
	35	6.28376	6.26816	6.27856	6.29165	6.28664	6.26572	
	36	6.34943	6.33728	6.34972	6.36399	6.3568	6.33685	
	Min	6.2199	6.2042	6.2147	6.2294	6.2165	6.2082	
	Max	6.3494	6.3373	6.3497	6.3640	6.3568	6.3369	
	Average	6.2936	6.2801	6.2910	6.3049	6.2968	6.2804	



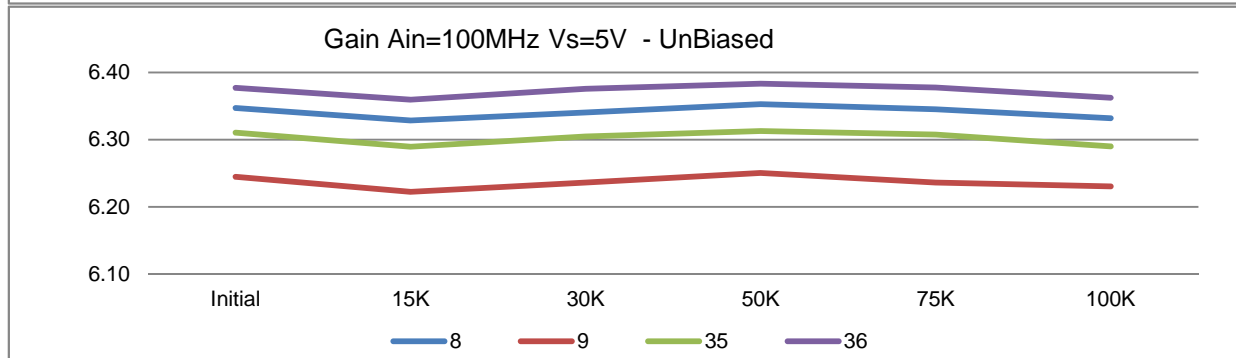
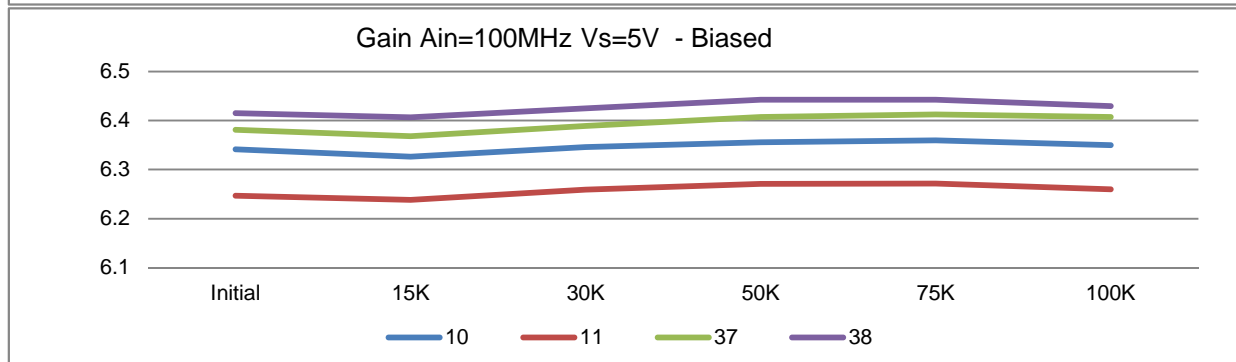
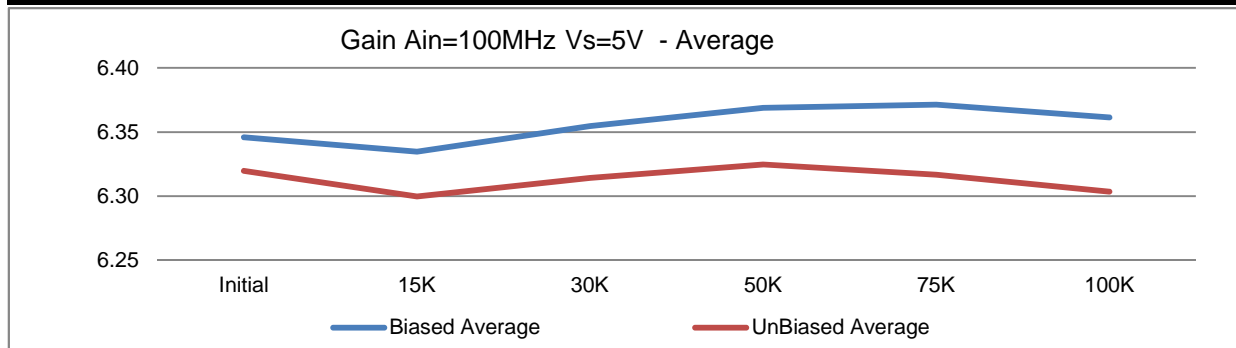
	T# 28	Output Intercept Ain 100MHz Vs @ 2.97v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.02485	0.02576	0.02089	0.01996	0.02052	0.02184	>-0.05
	39	0.04065	0.04164	0.03643	0.03546	0.03588	0.0369	<0.1
Biased	10	0.04686	0.04799	0.0428	0.0421	0.04134	0.04252	
	11	0.03312	0.03411	0.0284	0.02788	0.0282	0.02985	
	37	0.03807	0.03684	0.032	0.02909	0.02929	0.02953	
	38	0.03658	0.03555	0.03066	0.03017	0.02938	0.03082	
	Min	0.0331	0.0341	0.0284	0.0279	0.0282	0.0295	
	Max	0.0469	0.0480	0.0428	0.0421	0.0413	0.0425	
	Average	0.0387	0.0386	0.0333	0.0323	0.0321	0.0332	
UnBiased	8	0.04253	0.04534	0.04147	0.04133	0.04326	0.04685	
	9	0.03411	0.03569	0.03412	0.03263	0.03504	0.03727	
	35	0.03452	0.03468	0.0293	0.02776	0.02756	0.03122	
	36	0.03656	0.03905	0.03494	0.03455	0.03572	0.0376	
	Min	0.0341	0.0347	0.0293	0.0278	0.0276	0.0312	
	Max	0.0425	0.0453	0.0415	0.0413	0.0433	0.0469	
	Average	0.0369	0.0387	0.0350	0.0341	0.0354	0.0382	



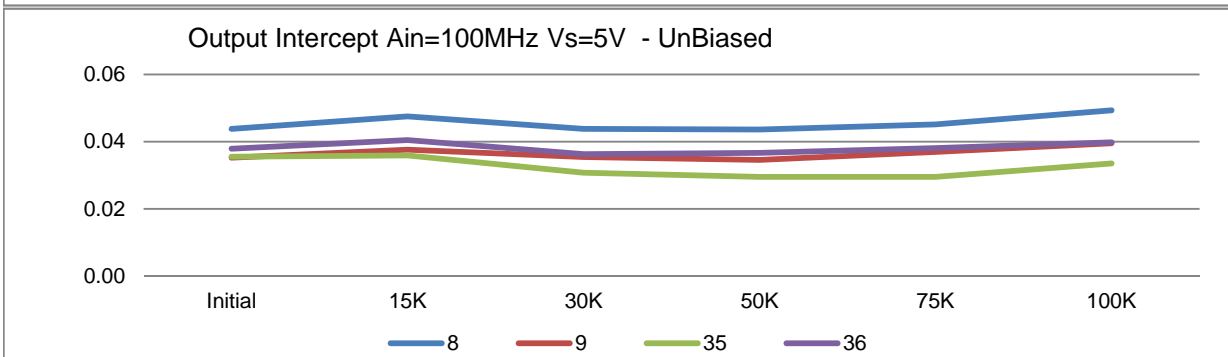
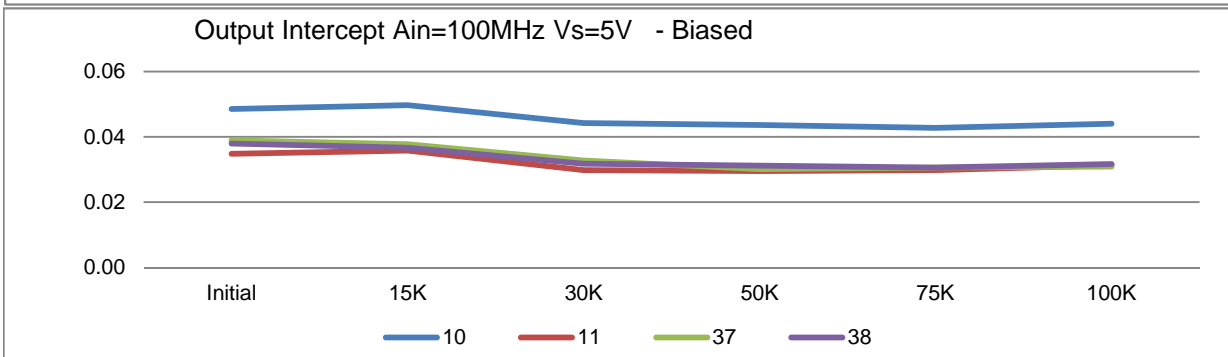
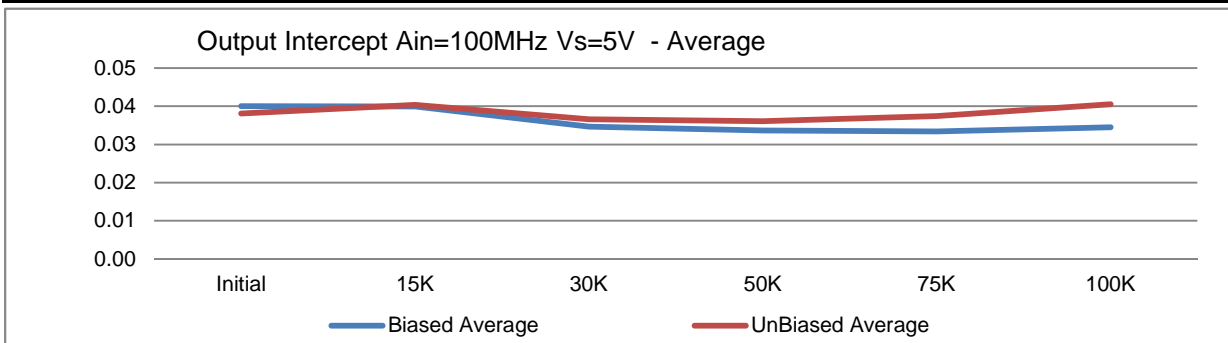
	T# 29	LINEARITY ERROR Ain 100MHz Vs @ 5v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-0.24041	-0.24122	-0.27206	-0.28143	-0.27121	-0.26396	+/-1
	39	-0.27189	-0.25166	-0.30724	-0.27752	-0.29984	-0.29221	
Biased	10	-0.24863	-0.26005	-0.2833	-0.28556	-0.27875	-0.27417	
	11	-0.17019	-0.16836	-0.21183	-0.1927	-0.19529	-0.1892	
	37	-0.30584	-0.28678	-0.327	-0.33271	-0.33394	-0.3123	
	38	-0.26912	-0.24838	-0.28627	-0.29008	-0.28814	-0.28816	
	Min	-0.3058	-0.2868	-0.3270	-0.3327	-0.3339	-0.3123	
	Max	-0.1702	-0.1684	-0.2118	-0.1927	-0.1953	-0.1892	
	Average	-0.2484	-0.2409	-0.2771	-0.2753	-0.2740	-0.2660	
UnBiased	8	-0.20881	-0.20331	-0.24097	-0.21311	-0.22972	-0.23553	
	9	-0.15303	-0.13595	-0.17435	-0.1812	-0.18092	-0.16951	
	35	-0.21779	-0.22437	-0.24013	-0.26105	-0.23419	-0.22426	
	36	-0.26979	-0.27421	-0.30774	-0.29304	-0.29902	-0.3023	
	Min	-0.2698	-0.2742	-0.3077	-0.2930	-0.2990	-0.3023	
	Max	-0.1530	-0.1360	-0.1744	-0.1812	-0.1809	-0.1695	
	Average	-0.2124	-0.2095	-0.2408	-0.2371	-0.2360	-0.2329	



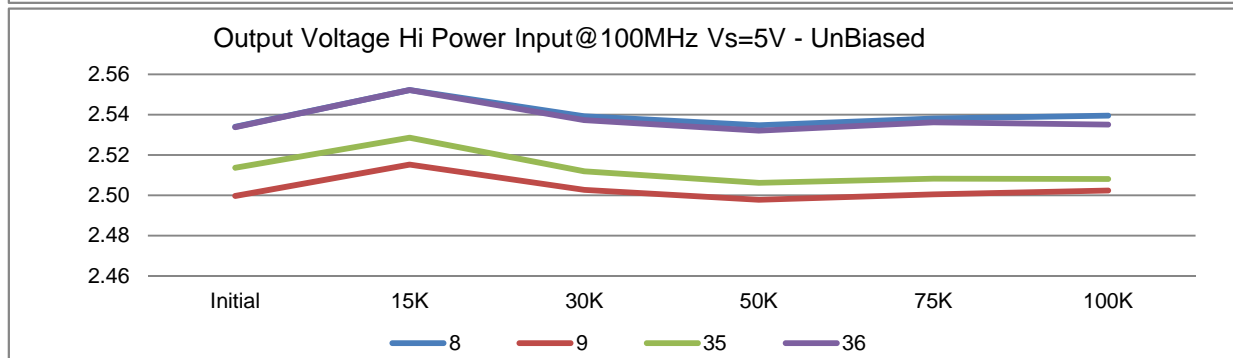
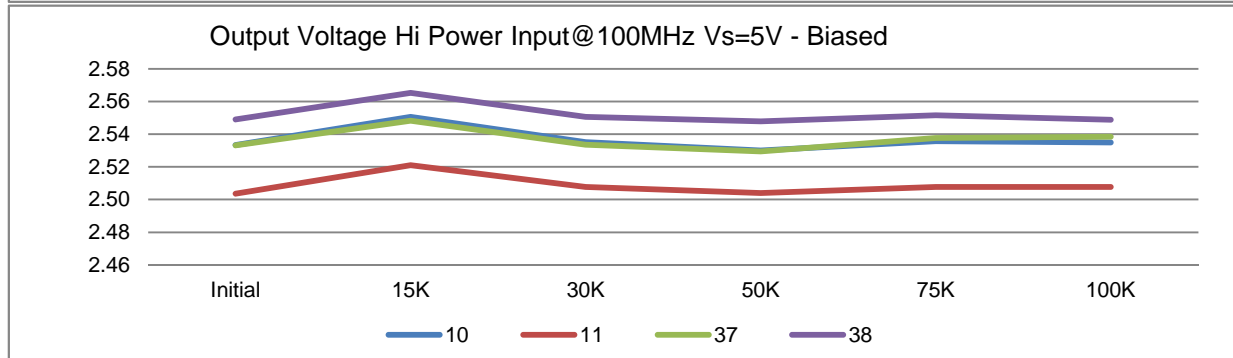
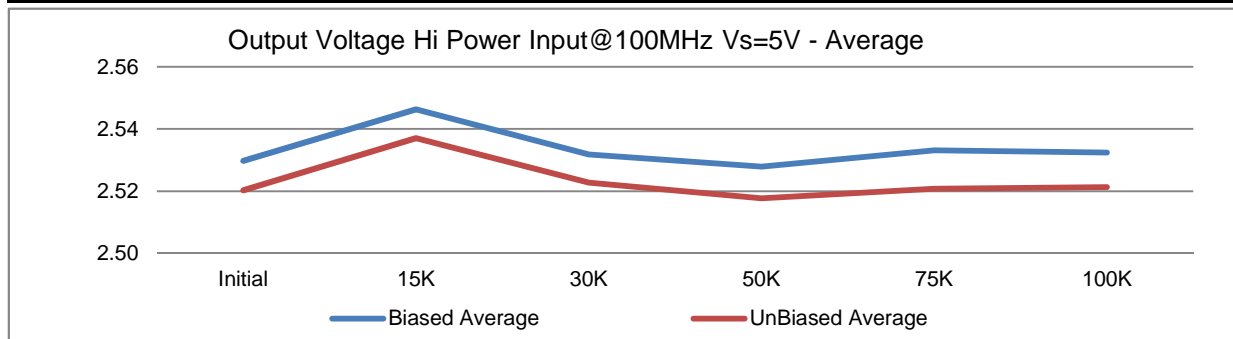
	T# 30	GAIN Ain 100MHz Vs @ 5v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	6.3204	6.30474	6.32804	6.33055	6.3323	6.32424	>5.3
	39	6.38074	6.36368	6.3844	6.39186	6.38647	6.38127	<7.8
Biased	10	6.34126	6.32648	6.3455	6.35577	6.35947	6.34959	
	11	6.24649	6.23852	6.25908	6.271	6.27127	6.25999	
	37	6.3809	6.36771	6.389	6.4069	6.41208	6.40686	
	38	6.41483	6.40646	6.42483	6.44216	6.44265	6.4294	
	Min	6.2465	6.2385	6.2591	6.2710	6.2713	6.2600	
	Max	6.4148	6.4065	6.4248	6.4422	6.4427	6.4294	
	Average	6.3459	6.3348	6.3546	6.3690	6.3714	6.3615	
UnBiased	8	6.34684	6.32833	6.34017	6.35281	6.34525	6.33176	
	9	6.24484	6.2224	6.23633	6.25048	6.2363	6.23019	
	35	6.31048	6.28945	6.30473	6.31266	6.30738	6.29005	
	36	6.37691	6.35953	6.37585	6.38315	6.37766	6.36245	
	Min	6.2448	6.2224	6.2363	6.2505	6.2363	6.2302	
	Max	6.3769	6.3595	6.3759	6.3832	6.3777	6.3625	
	Average	6.3198	6.2999	6.3143	6.3248	6.3166	6.3036	



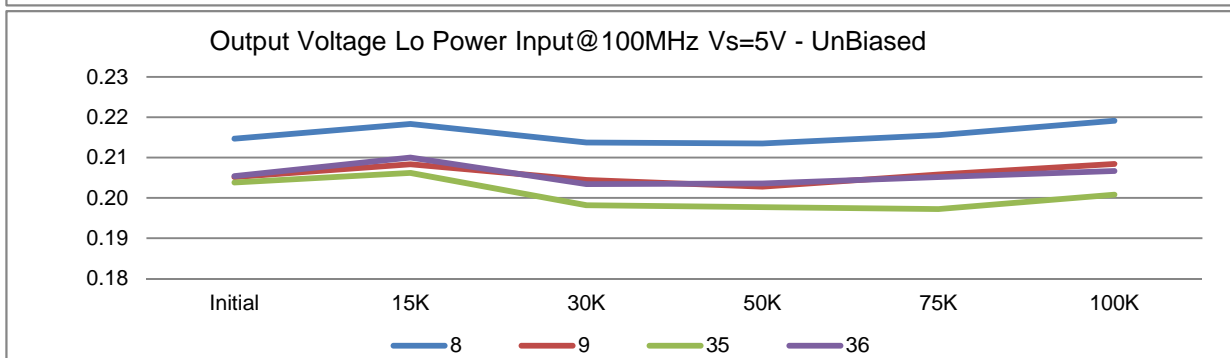
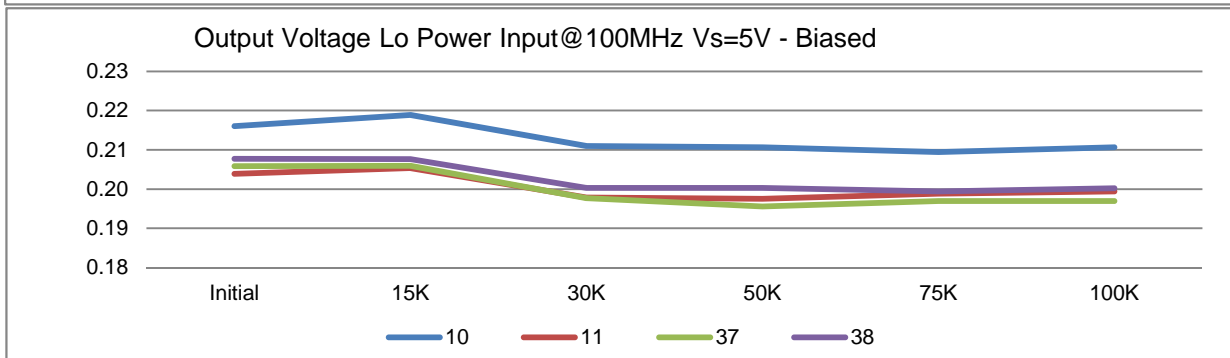
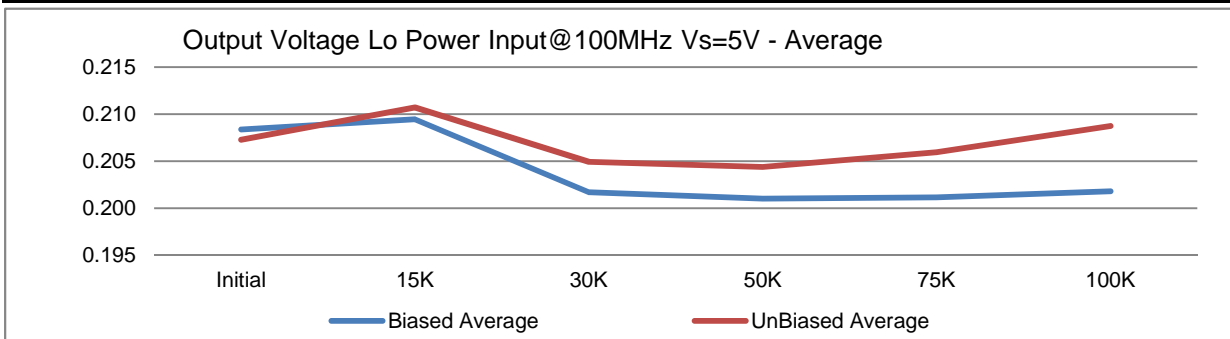
	T# 31	Output Intercept Ain 100MHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.02606	0.02669	0.02166	0.02084	0.02139	0.02289	>-0.05
	39	0.04194	0.0434	0.03815	0.03739	0.03766	0.03836	<0.1
Biased	10	0.04847	0.04965	0.0442	0.04364	0.04276	0.04405	
	11	0.03482	0.03576	0.02987	0.02953	0.02982	0.03125	
	37	0.03888	0.0378	0.033	0.03015	0.03061	0.03095	
	38	0.03795	0.03664	0.0318	0.03116	0.03057	0.03172	
	Min	0.0348	0.0358	0.0299	0.0295	0.0298	0.0310	
	Max	0.0485	0.0497	0.0442	0.0436	0.0428	0.0441	
	Average	0.0400	0.0400	0.0347	0.0336	0.0334	0.0345	
UnBiased	8	0.04378	0.04748	0.04384	0.04357	0.04517	0.04935	
	9	0.03527	0.03759	0.03544	0.0346	0.03694	0.03951	
	35	0.03551	0.0359	0.03071	0.02955	0.02955	0.03354	
	36	0.03793	0.04046	0.03631	0.03662	0.03806	0.03979	
	Min	0.0353	0.0359	0.0307	0.0296	0.0296	0.0335	
	Max	0.0438	0.0475	0.0438	0.0436	0.0452	0.0494	
	Average	0.0381	0.0404	0.0366	0.0361	0.0374	0.0405	



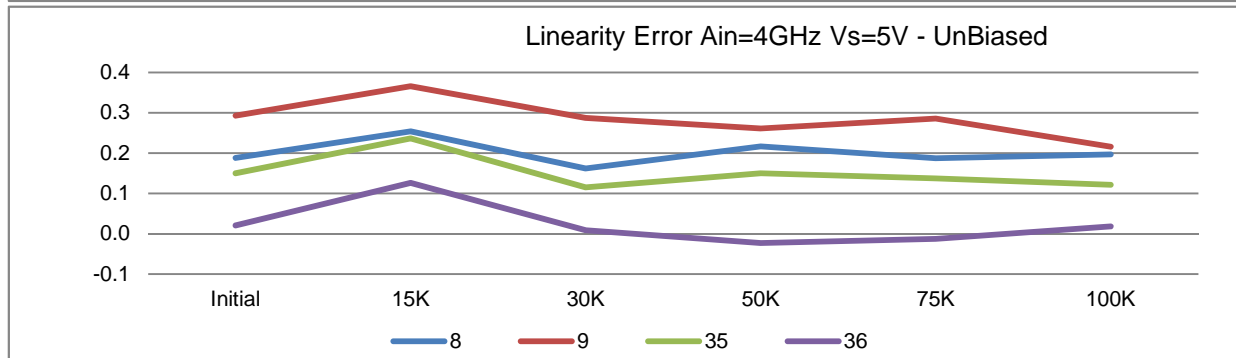
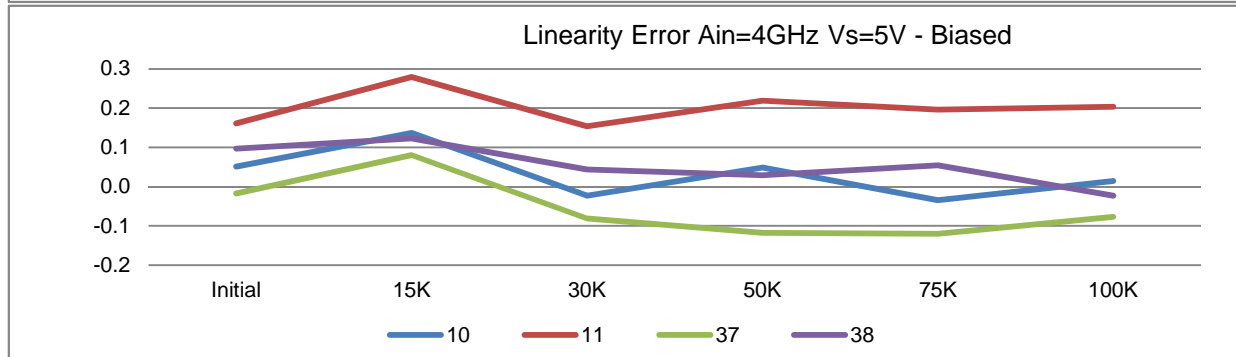
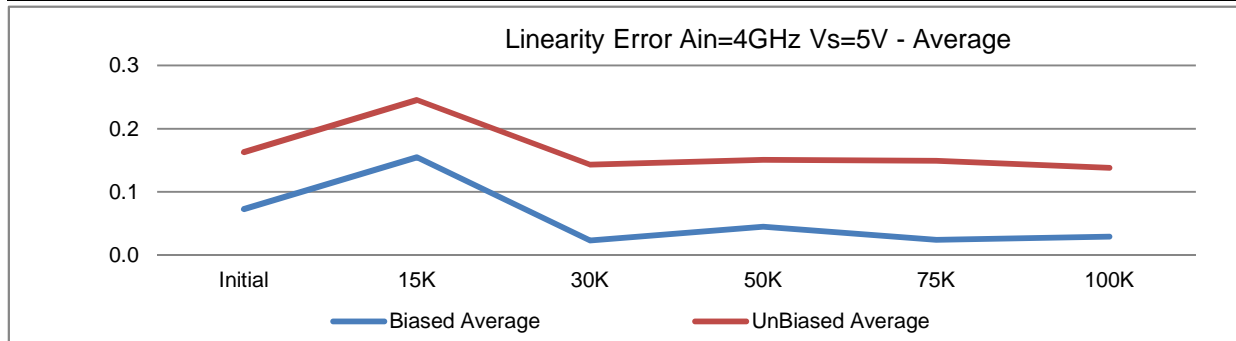
	T# 32	Output Voltage Hi Power In 100MHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	2.50604	2.52277	2.50982	2.50107	2.50612	2.51113	>2.2
	39	2.54058	2.55749	2.54379	2.53674	2.5394	2.54378	
Biased	10	2.53329	2.55065	2.53519	2.53008	2.53563	2.53487	
	11	2.50359	2.52095	2.50763	2.50402	2.50781	2.50775	
	37	2.53323	2.54826	2.534	2.52952	2.53764	2.53839	
	38	2.54893	2.56521	2.55064	2.54792	2.55146	2.54875	
	Min	2.5036	2.5210	2.5076	2.5040	2.5078	2.5078	
	Max	2.5489	2.5652	2.5506	2.5479	2.5515	2.5488	
	Average	2.5298	2.5463	2.5318	2.5279	2.5331	2.5324	
UnBiased	8	2.53392	2.55215	2.53915	2.53467	2.53814	2.53952	
	9	2.4997	2.51529	2.50273	2.49781	2.50047	2.50241	
	35	2.51358	2.52861	2.5119	2.50622	2.50819	2.50806	
	36	2.53373	2.55222	2.53733	2.53209	2.5362	2.53506	
	Min	2.4997	2.5153	2.5027	2.4978	2.5005	2.5024	
	Max	2.5339	2.5522	2.5392	2.5347	2.5381	2.5395	
	Average	2.5202	2.5371	2.5228	2.5177	2.5208	2.5213	



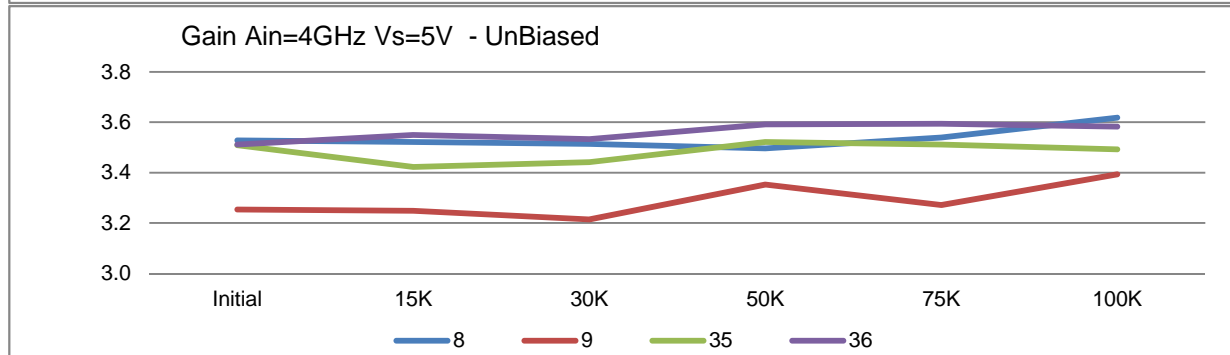
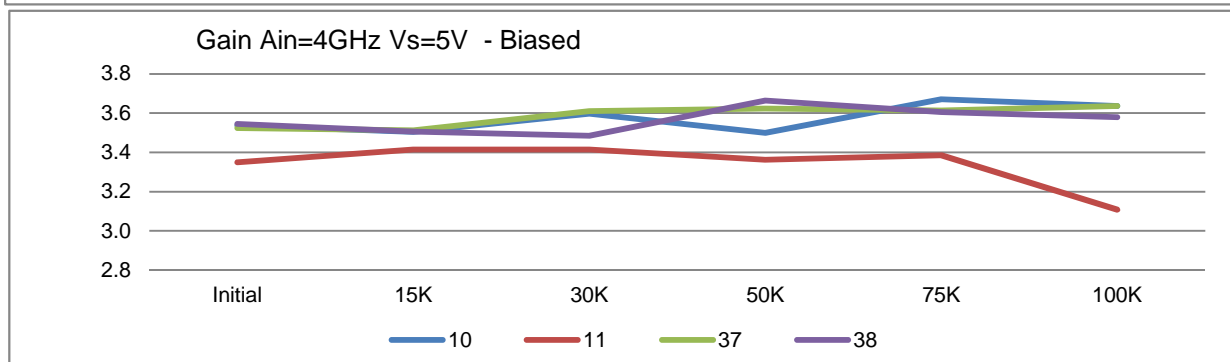
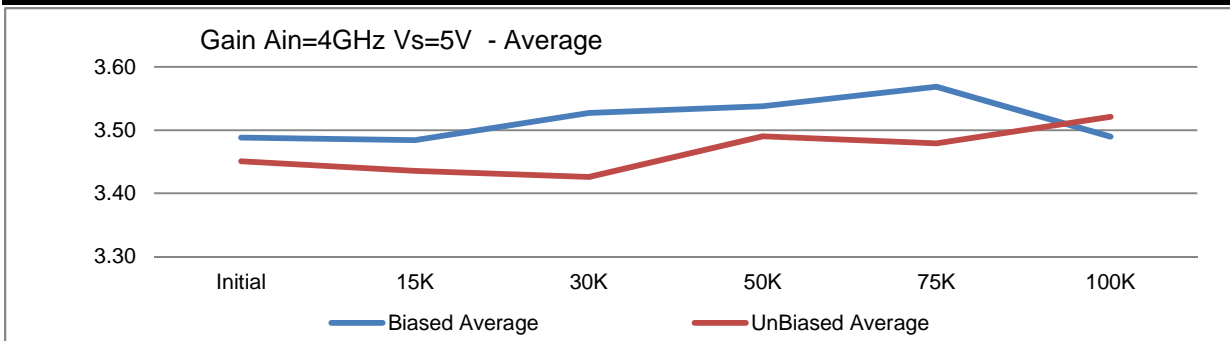
	T# 33	Output Voltage Lo Power In 100MHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.19316	0.19548	0.18813	0.18744	0.18782	0.1895	>0.08
	39	0.21036	0.21293	0.20558	0.20414	0.20521	0.20627	
Biased	10	0.21602	0.2189	0.21098	0.21067	0.20942	0.21061	
	11	0.2039	0.20533	0.19786	0.19749	0.19881	0.19943	
	37	0.20584	0.2059	0.198	0.19554	0.19699	0.19698	
	38	0.20773	0.20766	0.20031	0.20031	0.19937	0.20018	
	Min	0.2039	0.2053	0.1977	0.1955	0.1970	0.1970	
	Max	0.2160	0.2189	0.2110	0.2107	0.2094	0.2106	
	Average	0.2084	0.2094	0.2017	0.2010	0.2011	0.2018	
UnBiased	8	0.2147	0.21833	0.21368	0.2135	0.21557	0.21908	
	9	0.20515	0.20835	0.20445	0.20276	0.20578	0.20841	
	35	0.20383	0.20615	0.19817	0.19767	0.19724	0.20081	
	36	0.2054	0.20998	0.20339	0.20358	0.20515	0.20665	
	Min	0.2038	0.2062	0.1982	0.1977	0.1972	0.2008	
	Max	0.2147	0.2183	0.2137	0.2135	0.2156	0.2191	
	Average	0.2073	0.2107	0.2049	0.2044	0.2059	0.2087	



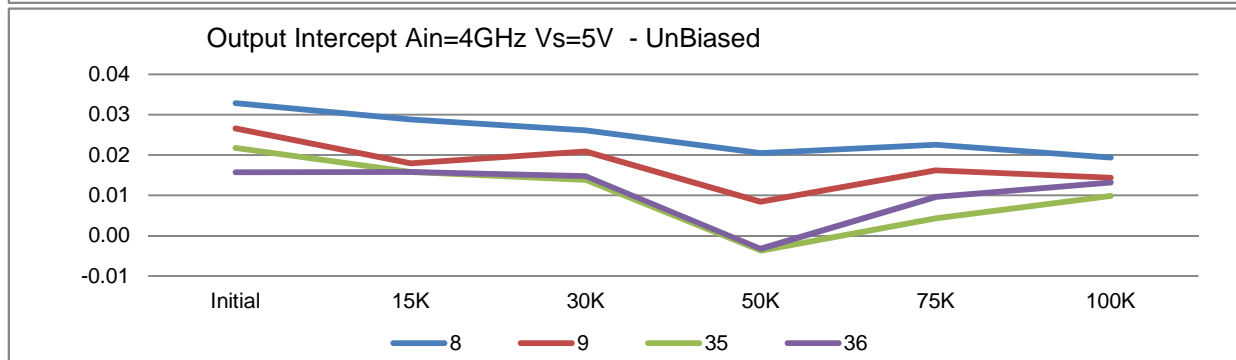
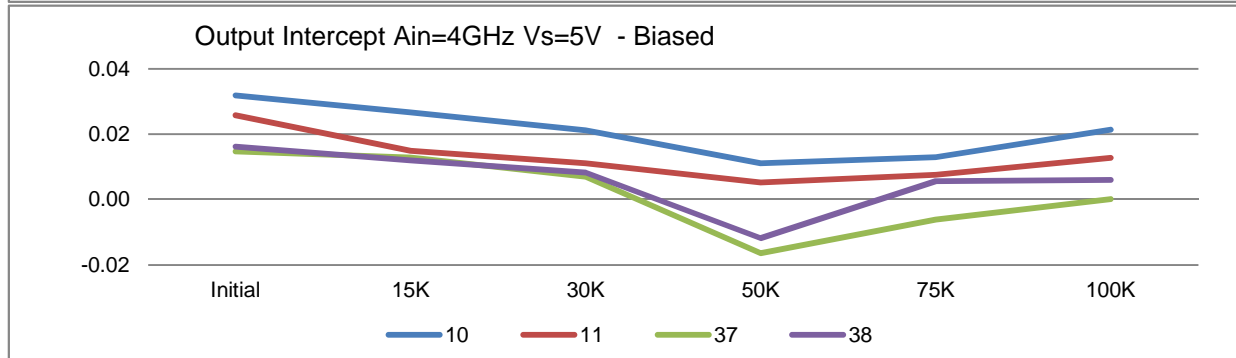
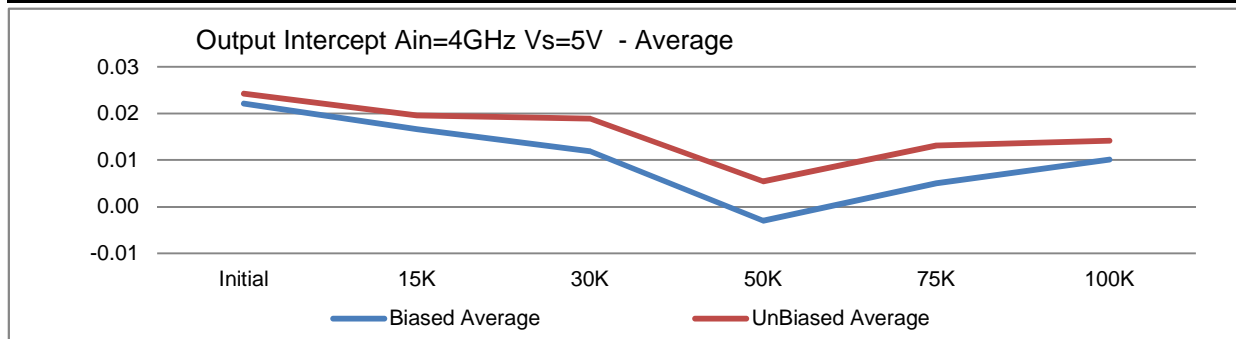
	T# 34	LINEARITY ERROR Ain 4GHz Vs @ 5v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.12009	0.16001	-0.02423	-0.02639	-0.022	-0.04363	+/-1
	39	0.05632	0.0933	-0.03827	-0.03615	0.05491	-0.01751	
Biased	10	0.05096	0.13625	-0.02288	0.04861	-0.03486	0.01414	
	11	0.16091	0.27921	0.15343	0.21894	0.19649	0.20362	
	37	-0.01723	0.08046	-0.081	-0.11735	-0.12002	-0.07723	
	38	0.09636	0.12317	0.04334	0.02898	0.05452	-0.02332	
	Min	-0.0172	0.0805	-0.0807	-0.1174	-0.1200	-0.0772	
	Max	0.1609	0.2792	0.1534	0.2189	0.1965	0.2036	
	Average	0.0728	0.1548	0.0233	0.0448	0.0240	0.0293	
UnBiased	8	0.1878	0.25382	0.16181	0.21658	0.18712	0.19706	
	9	0.29292	0.36593	0.28698	0.261	0.28555	0.21569	
	35	0.14958	0.23655	0.11505	0.14961	0.13704	0.12171	
	36	0.02077	0.12645	0.00878	-0.02292	-0.01268	0.01819	
	Min	0.0208	0.1265	0.0088	-0.0229	-0.0127	0.0182	
	Max	0.2929	0.3659	0.2870	0.2610	0.2856	0.2157	
	Average	0.1628	0.2457	0.1432	0.1511	0.1493	0.1382	



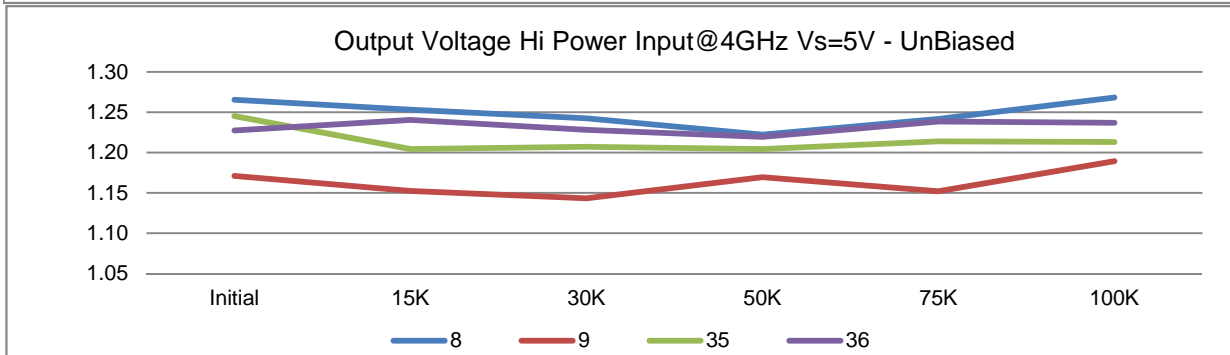
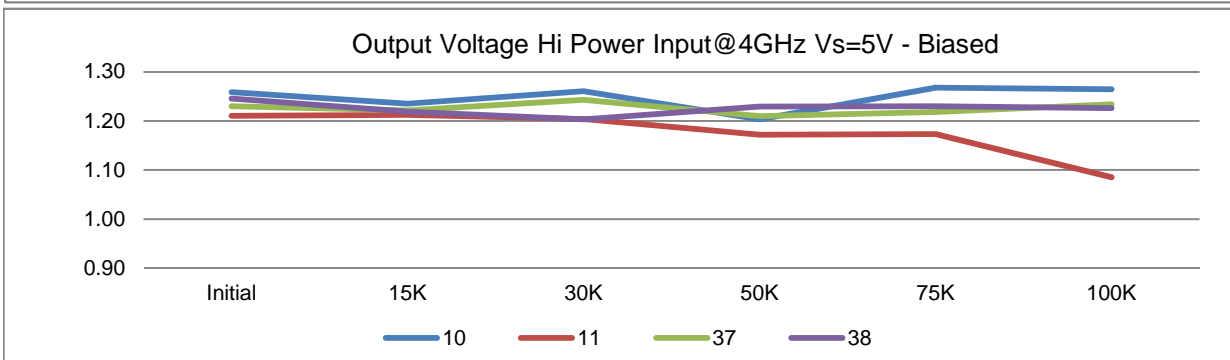
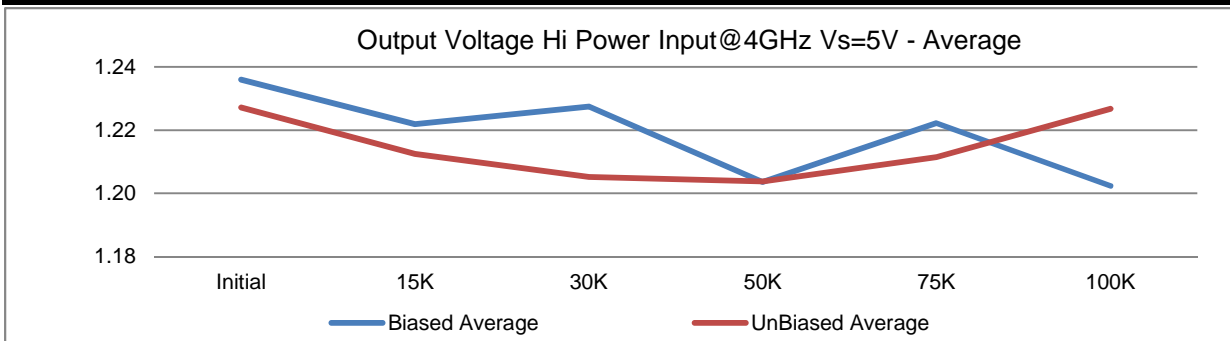
	T# 35	GAIN Ain 4GHz Vs @ 5v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	3.53124	3.46442	3.47074	3.50543	3.60597	3.55526	>3
	39	3.5095	3.43515	3.38333	3.5163	3.57567	3.47832	<4.8
Biased	10	3.53619	3.50359	3.5973	3.49984	3.67104	3.63618	
	11	3.34908	3.41437	3.41527	3.36284	3.38571	3.10757	
	37	3.52337	3.51267	3.611	3.62396	3.61337	3.63624	
	38	3.54533	3.50624	3.48486	3.66439	3.60562	3.57898	
	Min	3.3491	3.4144	3.4153	3.3628	3.3857	3.1076	
	Max	3.5453	3.5127	3.6107	3.6644	3.6710	3.6362	
	Average	3.4885	3.4842	3.5270	3.5378	3.5689	3.4897	
UnBiased	8	3.52844	3.5218	3.51378	3.49651	3.53911	3.61803	
	9	3.25439	3.2485	3.21431	3.35266	3.27177	3.39314	
	35	3.50898	3.4223	3.44215	3.52187	3.51106	3.49215	
	36	3.51219	3.54973	3.53357	3.59125	3.59456	3.58213	
	Min	3.2544	3.2485	3.2143	3.3527	3.2718	3.3931	
	Max	3.5284	3.5497	3.5336	3.5913	3.5946	3.6180	
	Average	3.4510	3.4356	3.4260	3.4906	3.4791	3.5214	



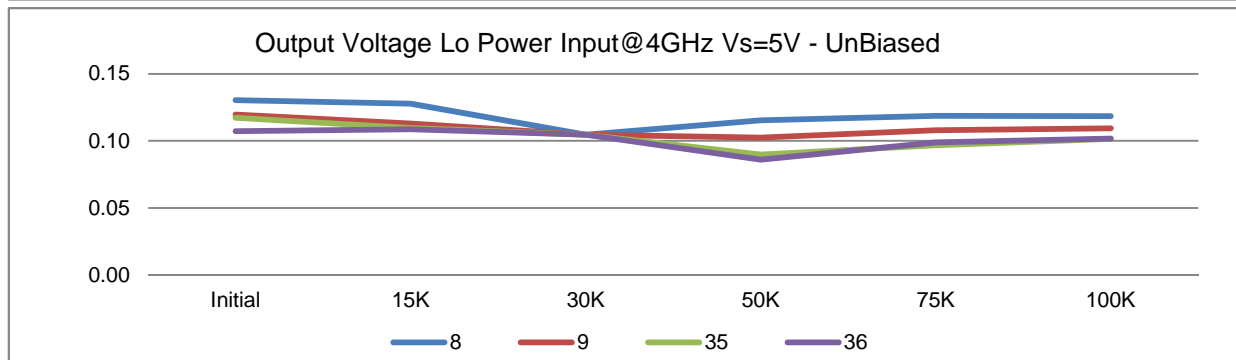
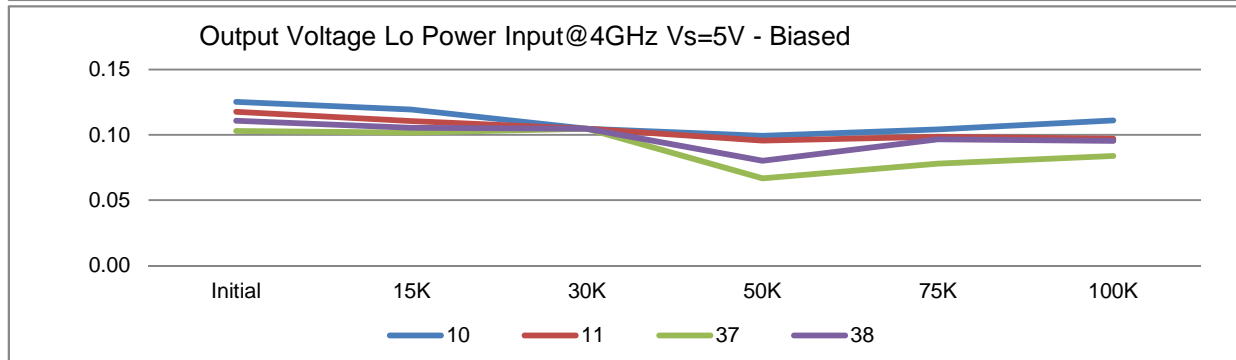
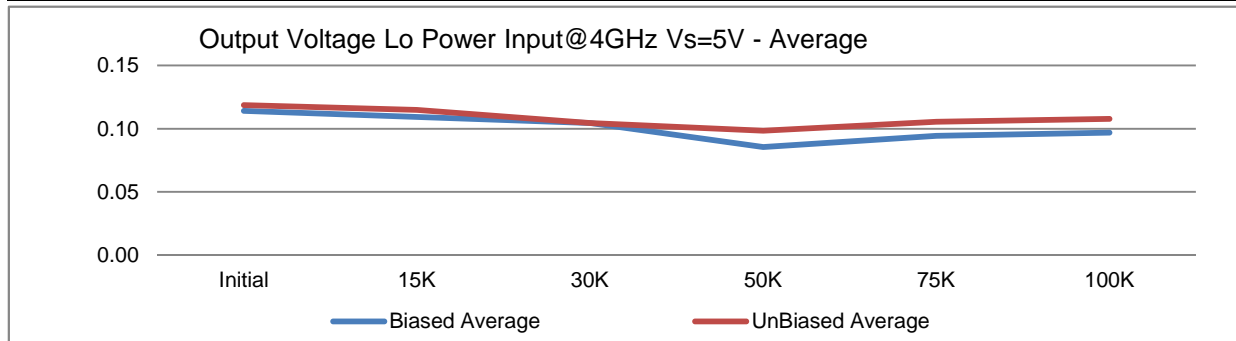
	T# 36	Output Intercept Ain 4GHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.00652	0.00202	-0.00026	-0.00632	-0.00489	-0.00814	>-0.05
	39	0.0231	0.01511	0.01338	0.000148	0.00801	0.00908	<0.1
Biased	10	0.0318	0.02661	0.0212	0.01106	0.01297	0.02139	
	11	0.02581	0.01487	0.01106	0.00519	0.00754	0.01277	
	37	0.01472	0.01291	0.007	-0.01637	-0.00607	0.00015	
	38	0.01615	0.01195	0.00829	-0.01182	0.00561	0.00605	
	Min	0.0147	0.0120	0.0070	-0.0164	-0.0061	0.0002	
	Max	0.0318	0.0266	0.0212	0.0111	0.0130	0.0214	
	Average	0.0221	0.0166	0.0119	-0.0030	0.0050	0.0101	
UnBiased	8	0.03285	0.02877	0.02609	0.02046	0.02256	0.01935	
	9	0.0266	0.01795	0.02083	0.00842	0.01614	0.01432	
	35	0.02172	0.01576	0.01377	-0.00378	0.00424	0.00986	
	36	0.01574	0.01577	0.01478	-0.00327	0.00956	0.01316	
	Min	0.0157	0.0158	0.0138	-0.0038	0.0042	0.0099	
	Max	0.0329	0.0288	0.0261	0.0205	0.0226	0.0194	
	Average	0.0242	0.0196	0.0189	0.0055	0.0131	0.0142	



	T# 37	Output Voltage Hi Power In 4GHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	1.23123	1.20161	1.19306	1.18906	1.22876	1.21245	>1
	39	1.23594	1.1925	1.16807	1.19013	1.22656	1.19688	
Biased	10	1.25848	1.23507	1.26031	1.20338	1.26788	1.26458	
	11	1.21007	1.21203	1.20386	1.17223	1.173	1.08505	
	37	1.22991	1.22151	1.243	1.20985	1.21821	1.23394	
	38	1.24542	1.21887	1.20292	1.229	1.22983	1.22602	
	Min	1.2101	1.2120	1.2029	1.1722	1.1730	1.0851	
	Max	1.2585	1.2351	1.2603	1.2290	1.2679	1.2646	
	Average	1.2360	1.2219	1.2275	1.2036	1.2222	1.2024	
UnBiased	8	1.26526	1.25303	1.24248	1.22203	1.24169	1.26835	
	9	1.17088	1.15225	1.14302	1.16941	1.15209	1.1891	
	35	1.24536	1.20449	1.20694	1.20438	1.21375	1.21284	
	36	1.2274	1.24041	1.22822	1.21926	1.2383	1.23695	
	Min	1.1709	1.1523	1.1430	1.1694	1.1521	1.1891	
	Max	1.2653	1.2530	1.2425	1.2220	1.2417	1.2684	
	Average	1.2272	1.2125	1.2052	1.2038	1.2115	1.2268	

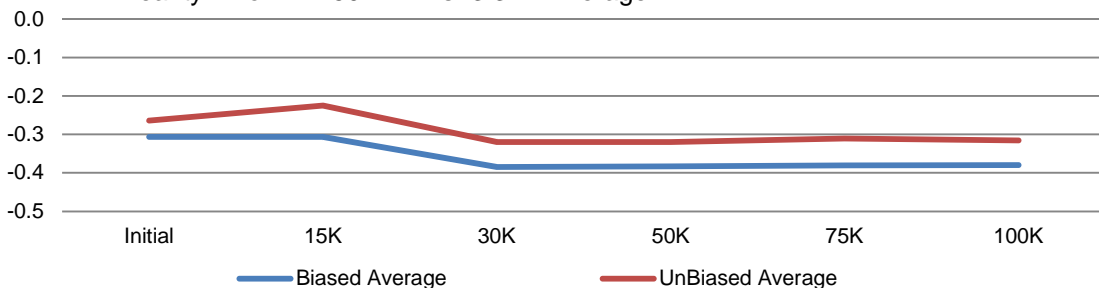


	T# 38	Output Voltage Lo Power In 4GHz Vs @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.09966	0.094	0.10464	0.07981	0.08452	0.0815	>0.07
	39	0.1146	0.10606	0.10464	0.08647	0.09777	0.09644	
Biased	10	0.12509	0.11943	0.10464	0.09928	0.10405	0.11102	
	11	0.11768	0.11045	0.10464	0.09551	0.09846	0.09708	
	37	0.10305	0.10173	0.105	0.06681	0.07793	0.08376	
	38	0.11083	0.10543	0.10464	0.08012	0.0967	0.09538	
	Min	0.1031	0.1017	0.1046	0.0668	0.0779	0.0838	
	Max	0.1251	0.1194	0.1046	0.0993	0.1041	0.1110	
	Average	0.1142	0.1093	0.1046	0.0854	0.0943	0.0968	
UnBiased	8	0.1303	0.12779	0.10464	0.11535	0.11862	0.11836	
	9	0.11975	0.11297	0.10464	0.10254	0.10794	0.10945	
	35	0.11718	0.10976	0.10464	0.08979	0.09689	0.10153	
	36	0.10719	0.10876	0.10464	0.08596	0.0989	0.10172	
	Min	0.1072	0.1088	0.1046	0.0860	0.0969	0.1015	
	Max	0.1303	0.1278	0.1046	0.1154	0.1186	0.1184	
	Average	0.1186	0.1148	0.1046	0.0984	0.1056	0.1078	

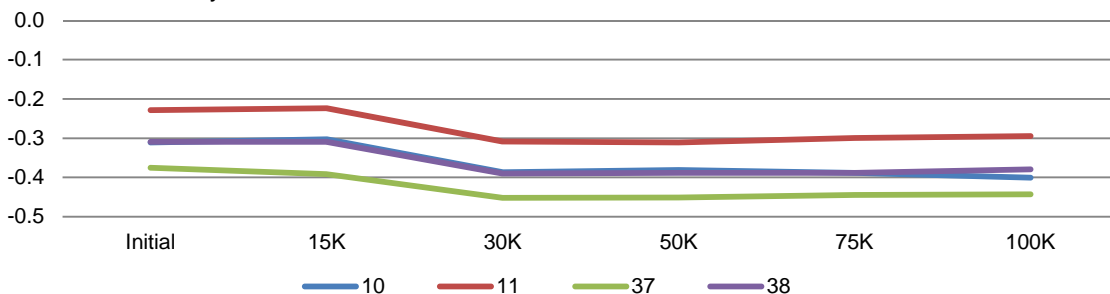


	T# 39	LINEARITY ERROR Ain 50MHz Vs @ 3.3v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-0.30744	-0.29687	-0.3894	-0.36748	-0.38519	-0.3951	+/-1
	39	-0.32847	-0.32129	-0.41541	-0.38728	-0.39803	-0.40121	
Biased	10	-0.31116	-0.30302	-0.38645	-0.3809	-0.38802	-0.40052	
	11	-0.2286	-0.22378	-0.30858	-0.31133	-0.29957	-0.29443	
	37	-0.3755	-0.39132	-0.452	-0.45139	-0.44485	-0.44323	
	38	-0.30963	-0.30907	-0.38983	-0.38802	-0.38801	-0.37941	
	Min	-0.3755	-0.3913	-0.4521	-0.4514	-0.4449	-0.4432	
	Max	-0.2286	-0.2238	-0.3086	-0.3113	-0.2996	-0.2944	
	Average	-0.3062	-0.3068	-0.3843	-0.3829	-0.3801	-0.3794	
UnBiased	8	-0.24273	-0.17651	-0.28537	-0.30719	-0.28442	-0.29522	
	9	-0.19567	-0.15818	-0.25137	-0.24851	-0.2409	-0.23988	
	35	-0.28451	-0.2382	-0.33934	-0.32802	-0.32697	-0.32635	
	36	-0.33259	-0.32642	-0.40394	-0.39643	-0.39126	-0.40042	
	Min	-0.3326	-0.3264	-0.4039	-0.3964	-0.3913	-0.4004	
	Max	-0.1957	-0.1582	-0.2514	-0.2485	-0.2409	-0.2399	
	Average	-0.2639	-0.2248	-0.3200	-0.3200	-0.3109	-0.3155	

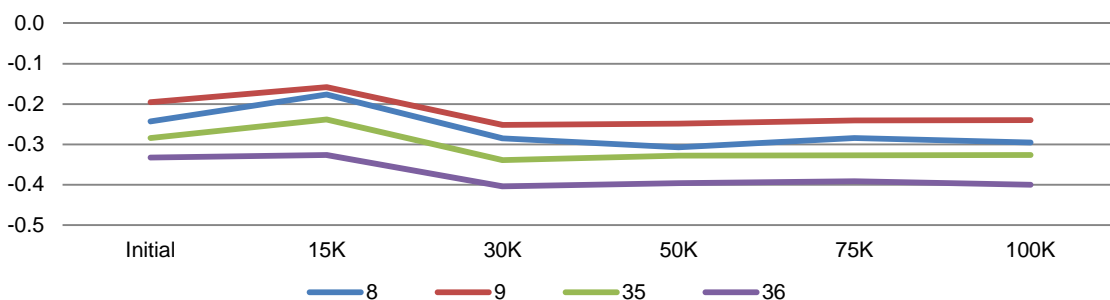
Linearity Error Ain=50MHz Vs=3.3V - Average



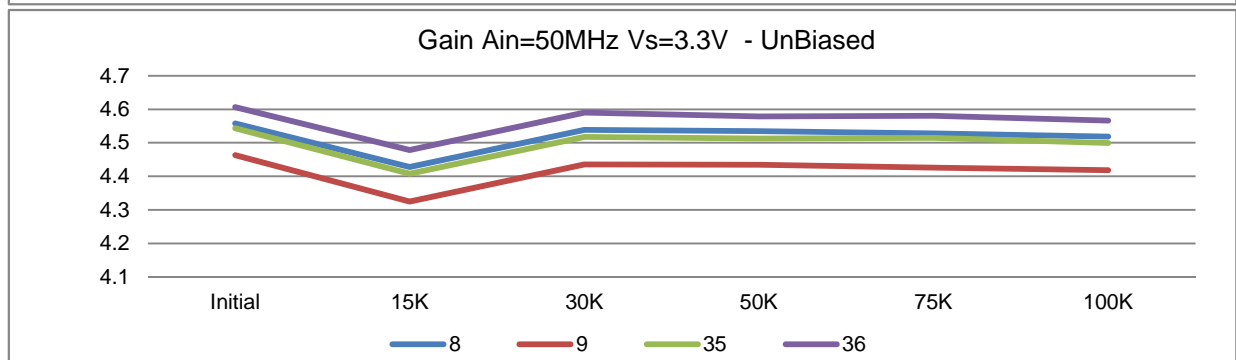
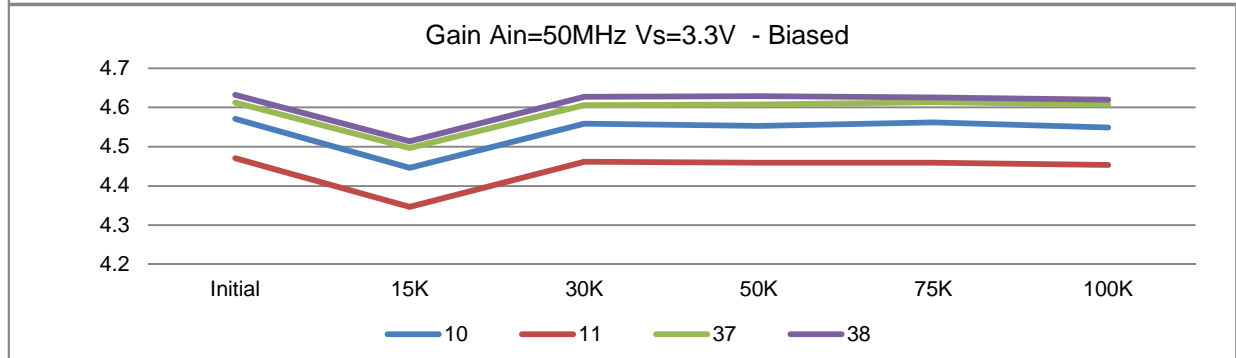
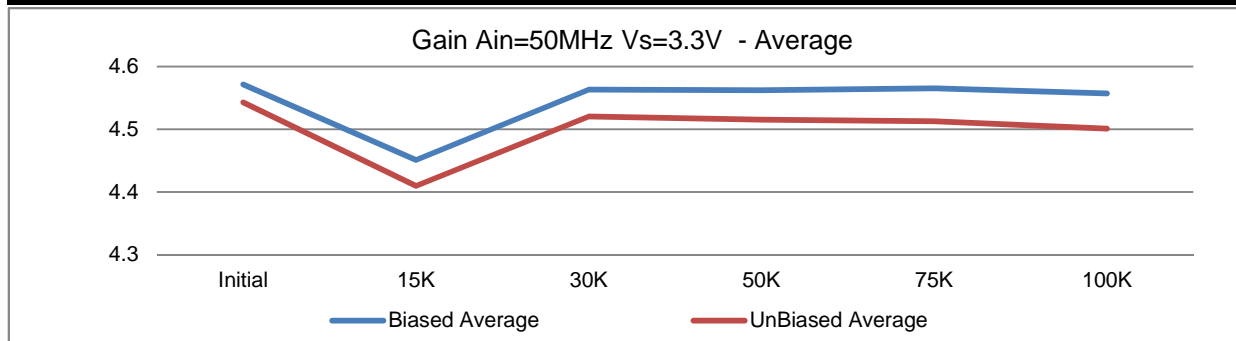
Linearity Error Ain=50MHz Vs=3.3V - Biased



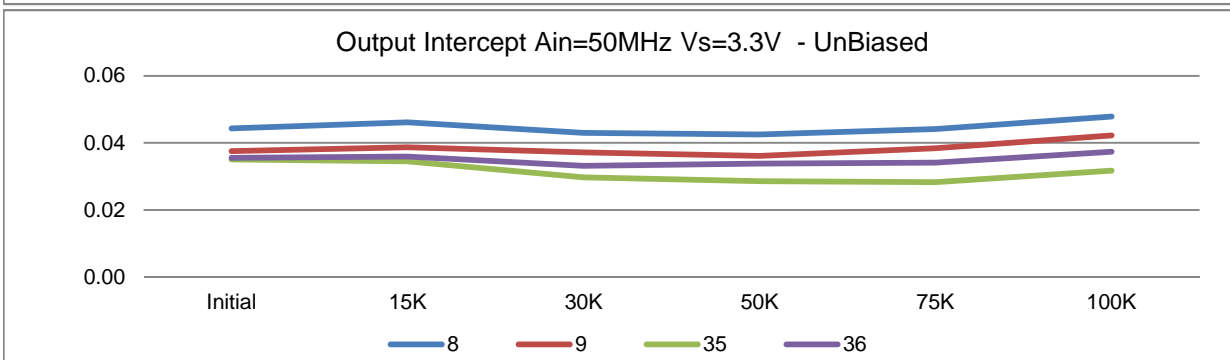
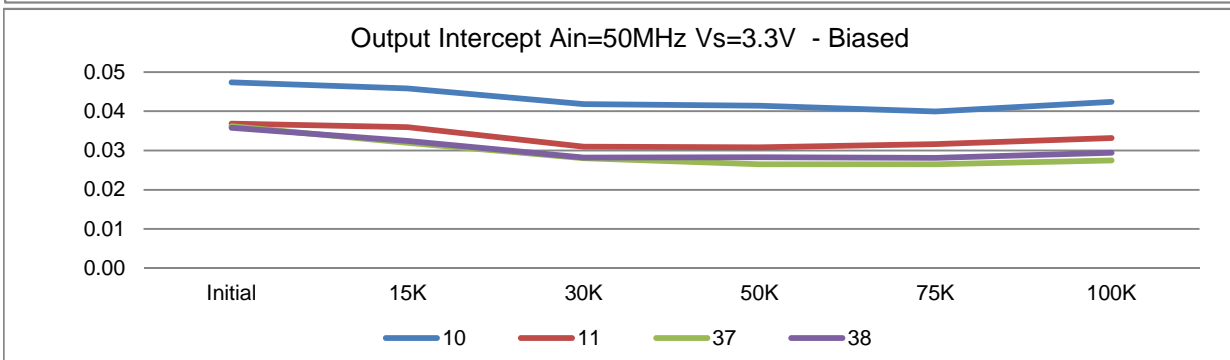
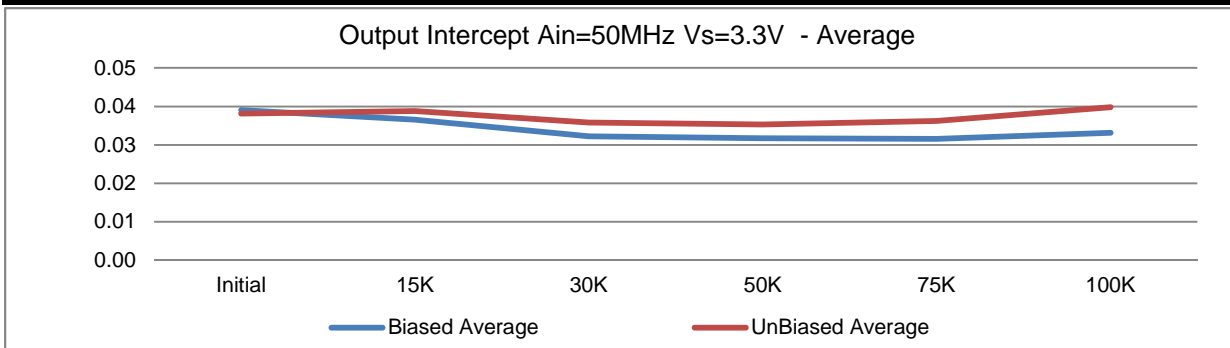
Linearity Error Ain=50MHz Vs=3.3V - UnBiased



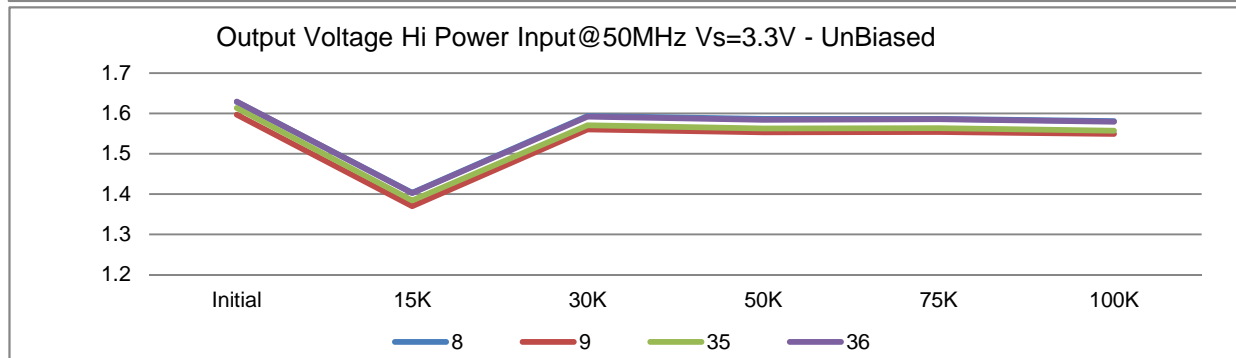
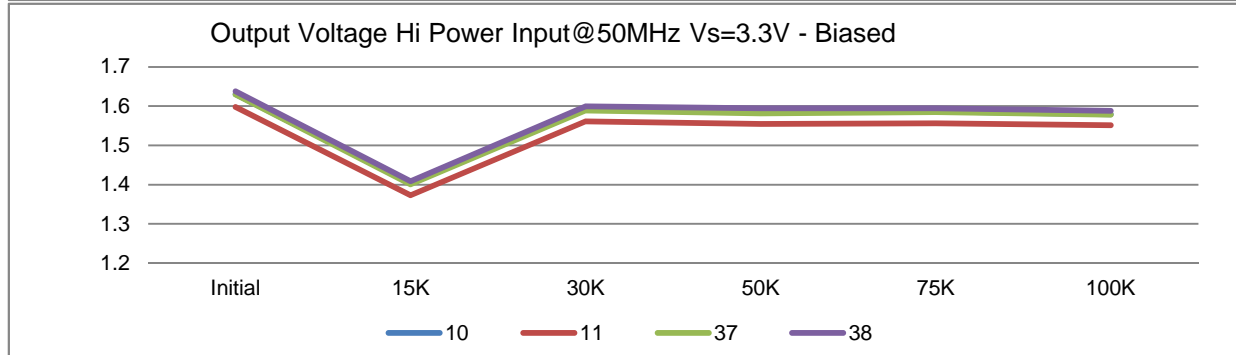
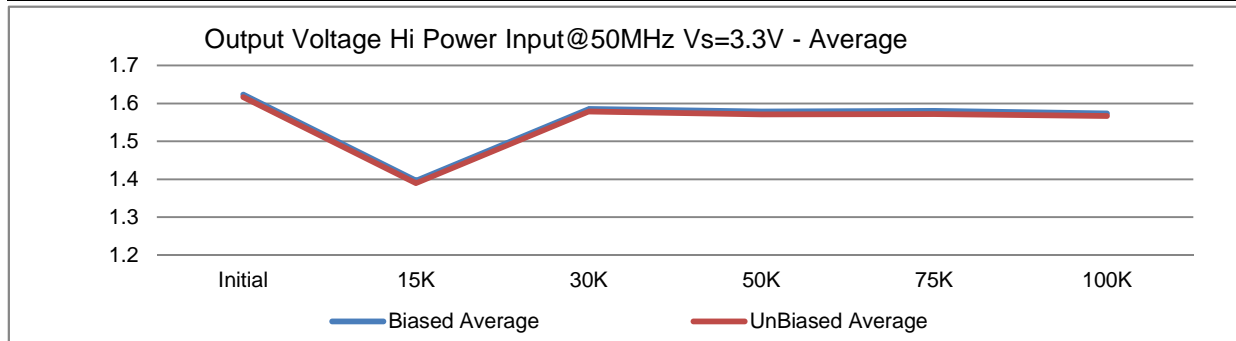
	T# 40	GAIN Ain 50MHz Vs @ 3.3v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	4.55287	4.4278	4.54441	4.54504	4.5454	4.53531	>4
	39	4.60523	4.48289	4.5959	4.59107	4.588	4.57849	<5.4
Biased	10	4.57089	4.44649	4.55855	4.5527	4.56209	4.54911	
	11	4.47027	4.34682	4.46179	4.45923	4.45917	4.45311	
	37	4.61231	4.49679	4.606	4.60794	4.61353	4.60723	
	38	4.63194	4.514	4.62675	4.62844	4.62568	4.61956	
	Min	4.4703	4.3468	4.4618	4.4592	4.4592	4.4531	
	Max	4.6319	4.5140	4.6268	4.6284	4.6257	4.6196	
	Average	4.5714	4.4510	4.5633	4.5621	4.5651	4.5573	
UnBiased	8	4.55743	4.42842	4.53859	4.53519	4.52846	4.51891	
	9	4.46333	4.32463	4.43596	4.43434	4.42646	4.41886	
	35	4.54348	4.40798	4.51755	4.51247	4.5146	4.49912	
	36	4.60673	4.47814	4.59004	4.57843	4.58092	4.5664	
	Min	4.4633	4.3246	4.4360	4.4343	4.4265	4.4189	
	Max	4.6067	4.4781	4.5900	4.5784	4.5809	4.5664	
	Average	4.5427	4.4098	4.5205	4.5151	4.5126	4.5008	



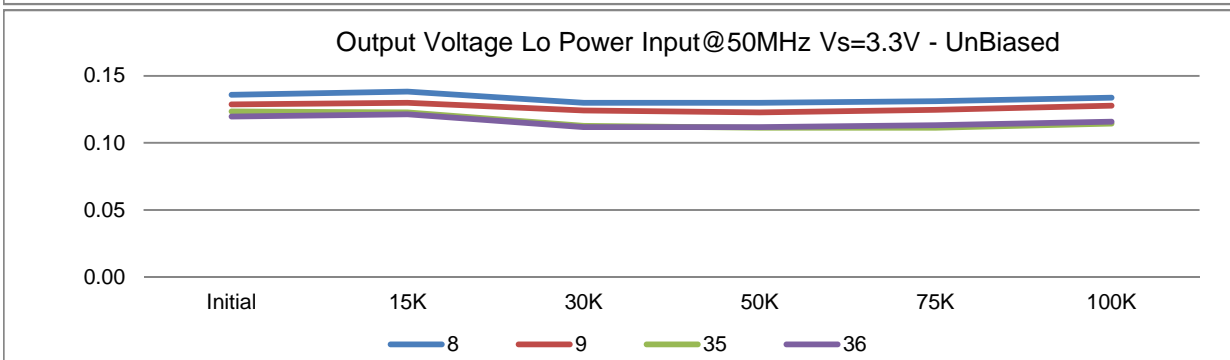
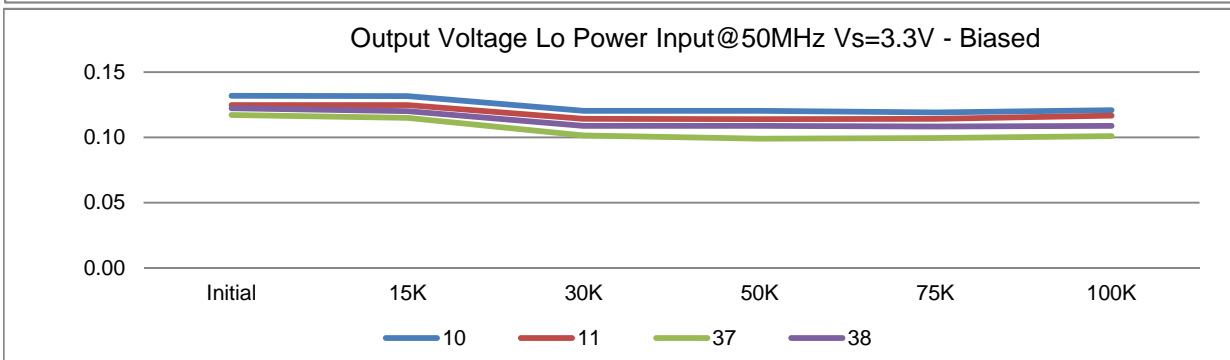
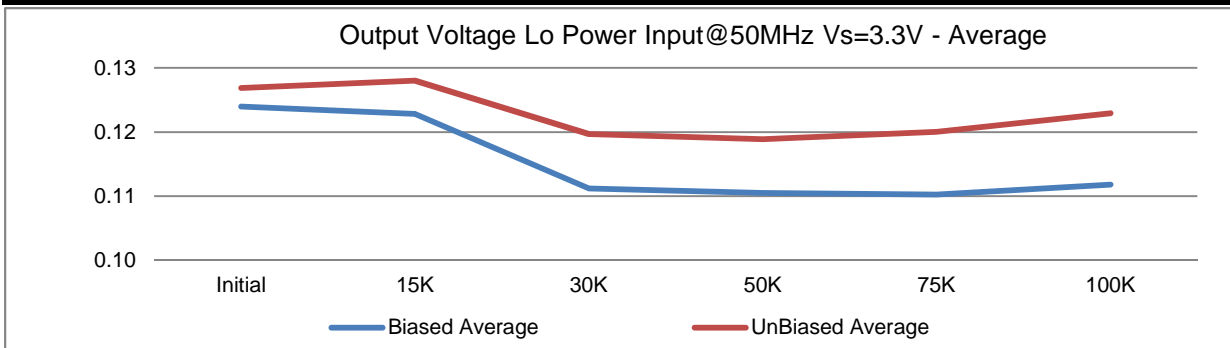
	T# 41	Output Intercept Ain 50MHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.0249	0.02435	0.02018	0.01975	0.01974	0.02175	>-0.05
	39	0.03983	0.03844	0.03488	0.03402	0.03444	0.03687	<0.1
Biased	10	0.04732	0.04577	0.0418	0.04139	0.03994	0.04242	
	11	0.03688	0.03594	0.03097	0.03084	0.03163	0.03317	
	37	0.03619	0.03199	0.028	0.02651	0.02651	0.02744	
	38	0.03576	0.03247	0.02818	0.02827	0.02811	0.02941	
	Min	0.0358	0.0320	0.0280	0.0265	0.0265	0.0274	
	Max	0.0473	0.0458	0.0418	0.0414	0.0399	0.0424	
	Average	0.0390	0.0365	0.0322	0.0318	0.0315	0.0331	
UnBiased	8	0.04438	0.04615	0.04303	0.04254	0.04411	0.0479	
	9	0.03753	0.03874	0.03719	0.03618	0.03845	0.04225	
	35	0.03505	0.03452	0.02975	0.02858	0.0283	0.03176	
	36	0.03558	0.03591	0.03317	0.03381	0.03413	0.03742	
	Min	0.0351	0.0345	0.0298	0.0286	0.0283	0.0318	
	Max	0.0444	0.0462	0.0430	0.0425	0.0441	0.0479	
	Average	0.0381	0.0388	0.0358	0.0353	0.0362	0.0398	



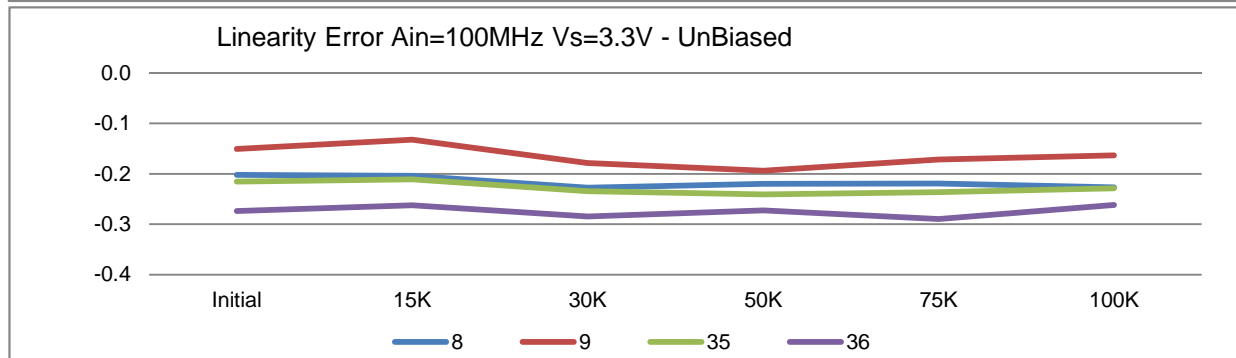
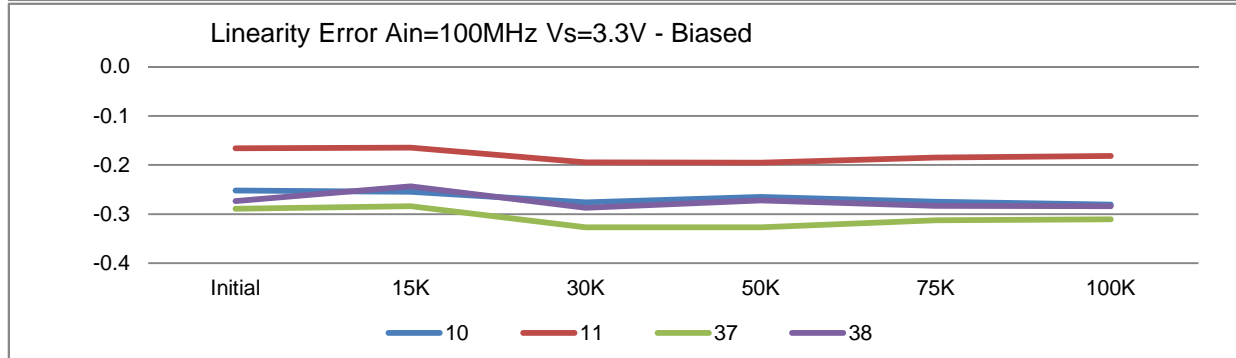
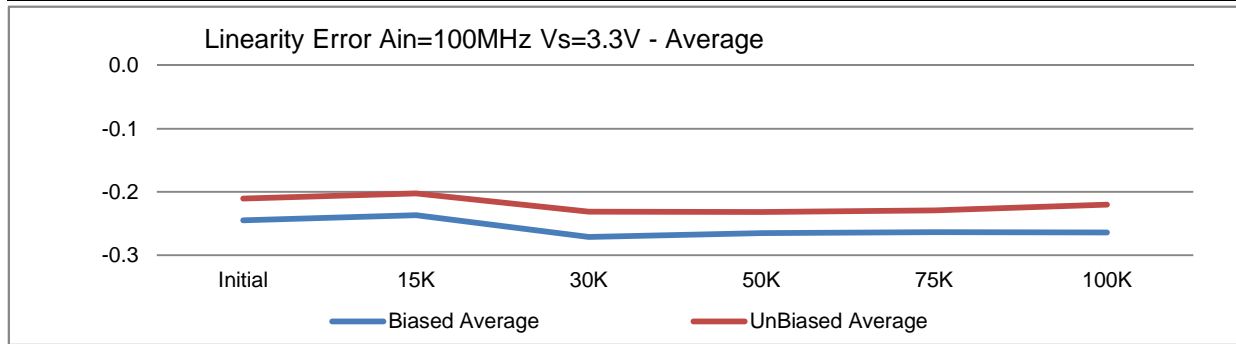
	T# 42	Output Voltage Hi Power In 50MHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	1.60392	1.37768	1.56894	1.56513	1.5649	1.56535	>1.2
	39	1.63337	1.406	1.59763	1.58906	1.5897	1.59141	
Biased	10	1.63048	1.40342	1.59192	1.58441	1.58637	1.5793	
	11	1.59808	1.37246	1.56103	1.5549	1.55617	1.55098	
	37	1.62916	1.40034	1.588	1.58183	1.58449	1.57842	
	38	1.63802	1.40876	1.59927	1.5949	1.59428	1.58765	
	Min	1.5981	1.3725	1.5610	1.5549	1.5562	1.5510	
	Max	1.6380	1.4088	1.5993	1.5949	1.5943	1.5877	
	Average	1.6239	1.3962	1.5852	1.5790	1.5803	1.5741	
UnBiased	8	1.62873	1.40311	1.59355	1.5861	1.58631	1.58087	
	9	1.59676	1.3697	1.56046	1.55276	1.55366	1.5489	
	35	1.61365	1.38433	1.57057	1.56268	1.56377	1.55713	
	36	1.6296	1.40191	1.59198	1.58422	1.58562	1.57961	
	Min	1.5968	1.3697	1.5605	1.5528	1.5537	1.5489	
	Max	1.6296	1.4031	1.5936	1.5861	1.5863	1.5809	
	Average	1.6172	1.3898	1.5791	1.5714	1.5723	1.5666	



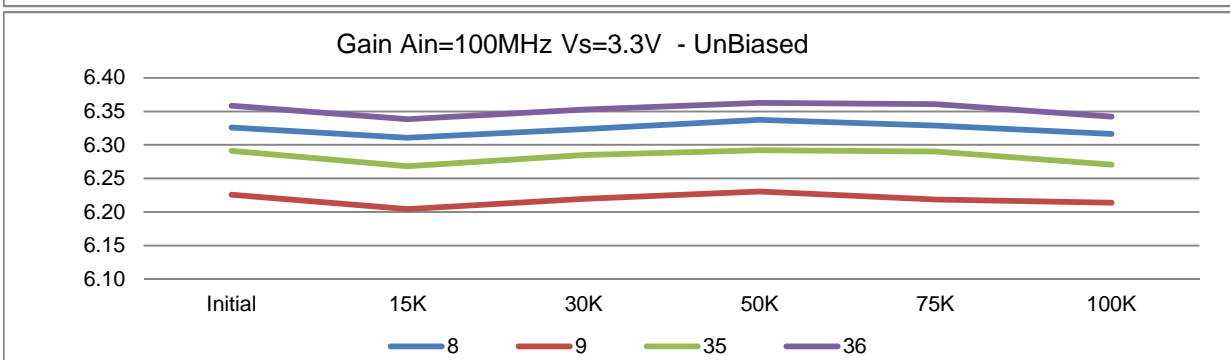
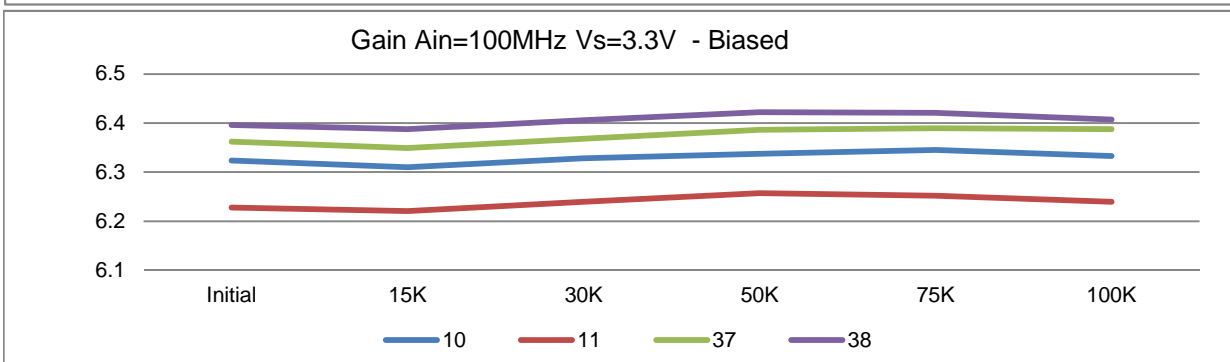
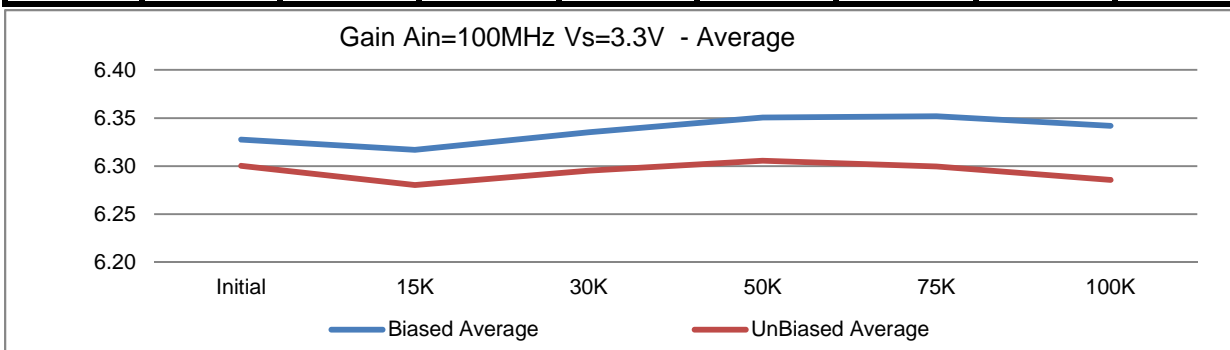
	T# 43	Output Voltage Lo Power In 50MHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.10907	0.10958	0.09846	0.09752	0.09809	0.10021	>0.08
	39	0.12471	0.12452	0.11384	0.11253	0.11259	0.11497	
Biased	10	0.13187	0.13155	0.12031	0.12037	0.119	0.12087	
	11	0.12477	0.12483	0.11416	0.11384	0.11429	0.1166	
	37	0.11711	0.11485	0.101	0.09915	0.09953	0.10103	
	38	0.1222	0.12006	0.10888	0.10876	0.10826	0.10876	
	Min	0.1171	0.1149	0.1015	0.0992	0.0995	0.1010	
	Max	0.1319	0.1316	0.1203	0.1204	0.1190	0.1209	
	Average	0.1240	0.1228	0.1112	0.1105	0.1103	0.1118	
UnBiased	8	0.13576	0.13815	0.12998	0.12979	0.13099	0.13368	
	9	0.12867	0.12979	0.1242	0.12264	0.12471	0.12772	
	35	0.12339	0.12276	0.11278	0.11127	0.11133	0.11453	
	36	0.11969	0.12144	0.11183	0.11183	0.11316	0.11573	
	Min	0.1197	0.1214	0.1118	0.1113	0.1113	0.1145	
	Max	0.1358	0.1382	0.1300	0.1298	0.1310	0.1337	
	Average	0.1269	0.1280	0.1197	0.1189	0.1200	0.1229	



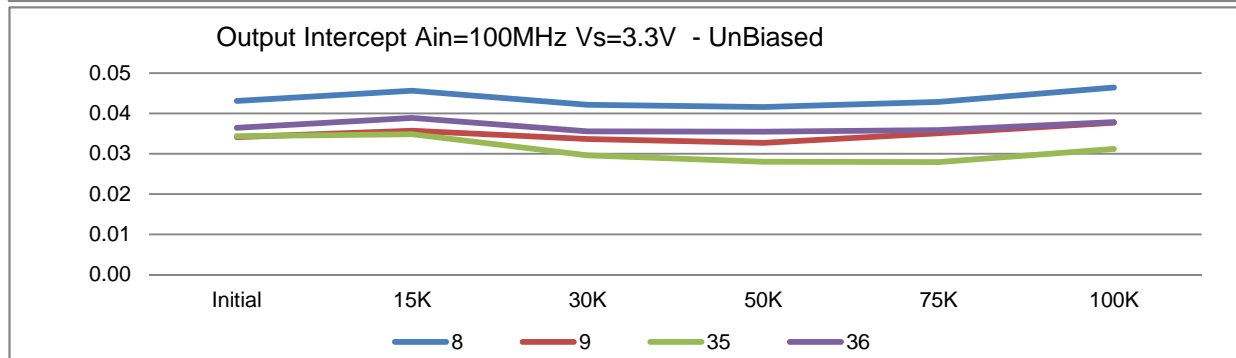
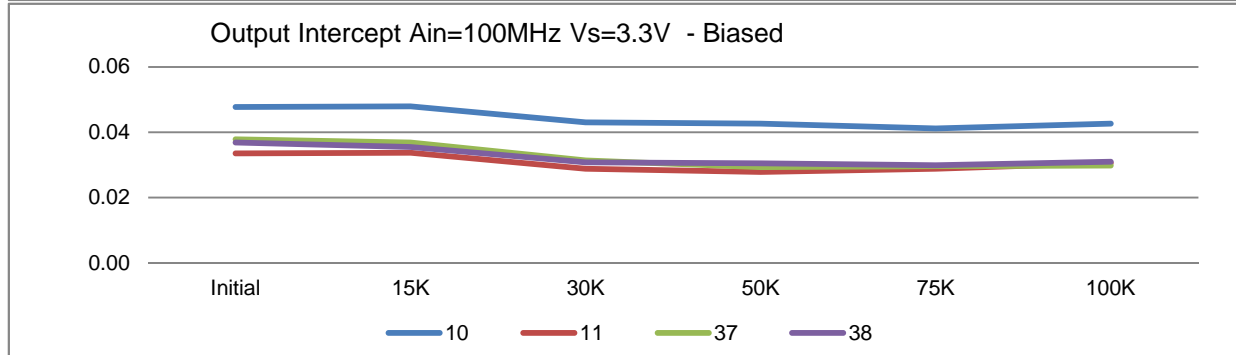
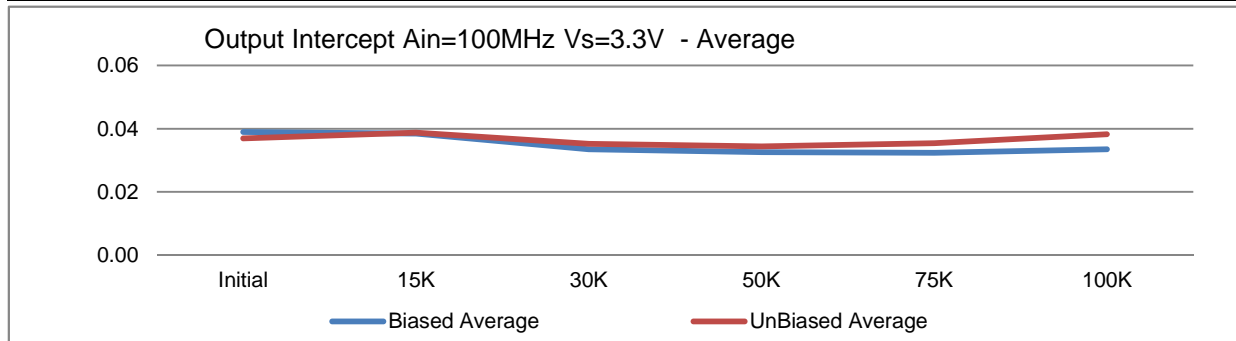
	T# 44	LINEARITY ERROR Ain 100MHz Vs @ 3.3v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	-0.23153	-0.22827	-0.25861	-0.25053	-0.25481	-0.26258	+/-1
	39	-0.26169	-0.24669	-0.28301	-0.30384	-0.26998	-0.26765	
Biased	10	-0.25169	-0.25458	-0.2764	-0.26504	-0.27474	-0.28071	
	11	-0.16621	-0.16468	-0.19463	-0.19557	-0.18482	-0.18153	
	37	-0.28891	-0.2842	-0.327	-0.32705	-0.31239	-0.31052	
	38	-0.2734	-0.24377	-0.28716	-0.27232	-0.28315	-0.28396	
	Min	-0.2889	-0.2842	-0.3269	-0.3271	-0.3124	-0.3105	
	Max	-0.1662	-0.1647	-0.1946	-0.1956	-0.1848	-0.1815	
	Average	-0.2451	-0.2368	-0.2713	-0.2650	-0.2638	-0.2642	
UnBiased	8	-0.202	-0.20368	-0.22752	-0.22004	-0.21884	-0.22699	
	9	-0.15038	-0.13199	-0.17839	-0.19403	-0.17152	-0.1632	
	35	-0.21551	-0.21112	-0.23425	-0.24054	-0.23654	-0.22886	
	36	-0.2736	-0.26212	-0.28452	-0.27253	-0.28951	-0.26146	
	Min	-0.2736	-0.2621	-0.2845	-0.2725	-0.2895	-0.2615	
	Max	-0.1504	-0.1320	-0.1784	-0.1940	-0.1715	-0.1632	
	Average	-0.2104	-0.2022	-0.2312	-0.2318	-0.2291	-0.2201	



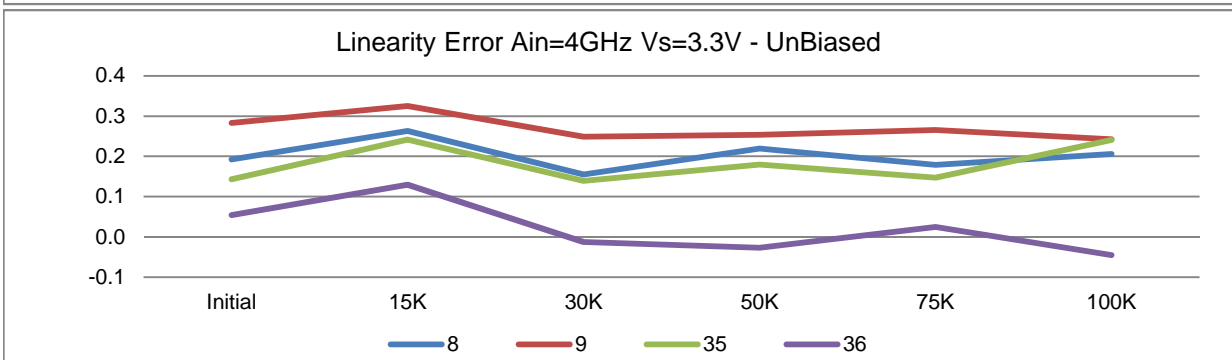
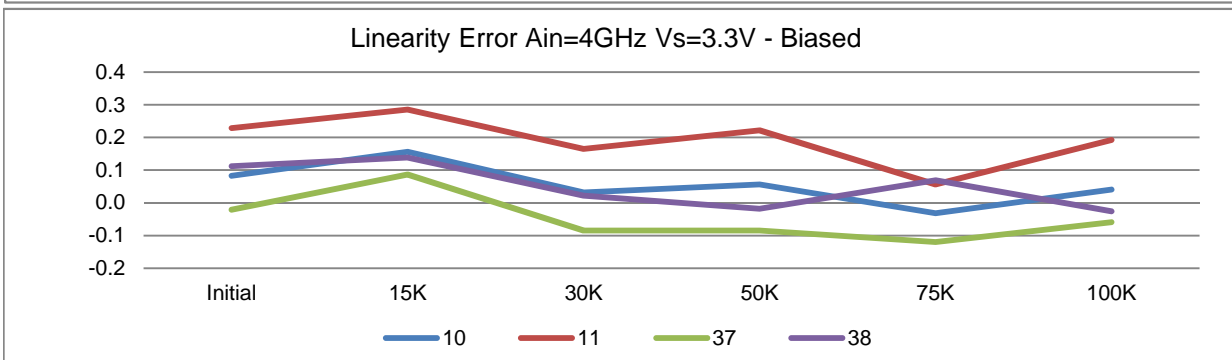
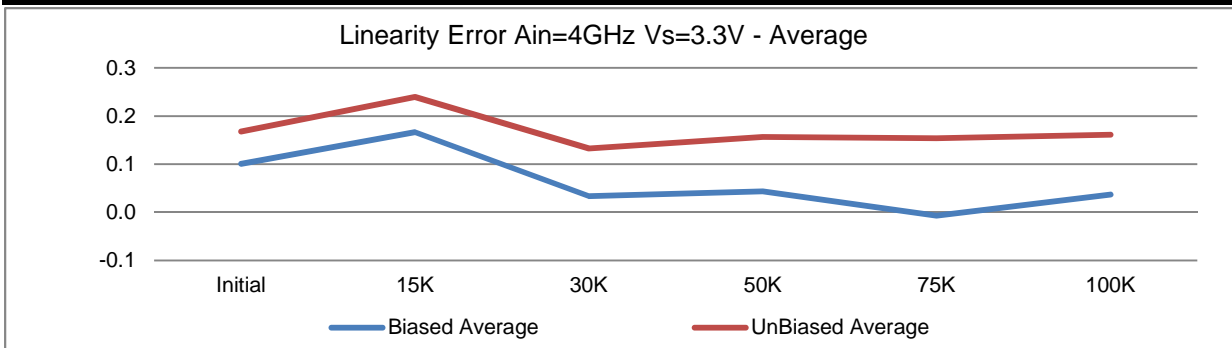
	T# 45	GAIN Ain 100MHz Vs @ 3.3v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	6.3038	6.28479	6.3073	6.30838	6.31167	6.306	>5.3
	39	6.36095	6.34554	6.36359	6.37329	6.36687	6.35847	<7.8
Biased	10	6.32388	6.3099	6.3283	6.33708	6.34492	6.33299	
	11	6.22794	6.22054	6.2392	6.25716	6.2522	6.2396	
	37	6.36206	6.3493	6.368	6.38647	6.38982	6.38775	
	38	6.39634	6.38768	6.40601	6.42207	6.42077	6.40743	
	Min	6.2279	6.2205	6.2392	6.2572	6.2522	6.2396	
	Max	6.3963	6.3877	6.4060	6.4221	6.4208	6.4074	
	Average	6.3276	6.3169	6.3353	6.3507	6.3519	6.3419	
UnBiased	8	6.32599	6.31056	6.3238	6.33738	6.32901	6.31648	
	9	6.226	6.2043	6.21948	6.23074	6.21859	6.21388	
	35	6.29122	6.26853	6.28521	6.29198	6.29007	6.27075	
	36	6.35858	6.33847	6.35277	6.36255	6.36065	6.34225	
	Min	6.2260	6.2043	6.2195	6.2307	6.2186	6.2139	
	Max	6.3586	6.3385	6.3528	6.3626	6.3607	6.3423	
	Average	6.3004	6.2805	6.2953	6.3057	6.2996	6.2858	



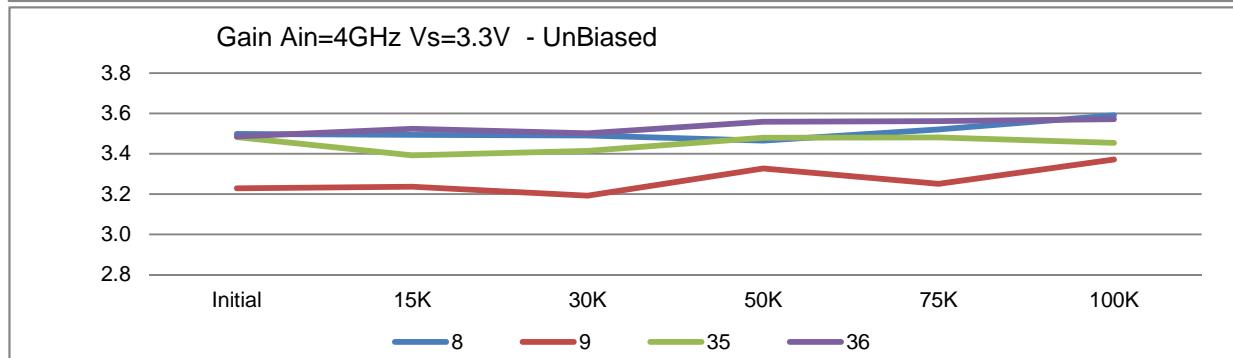
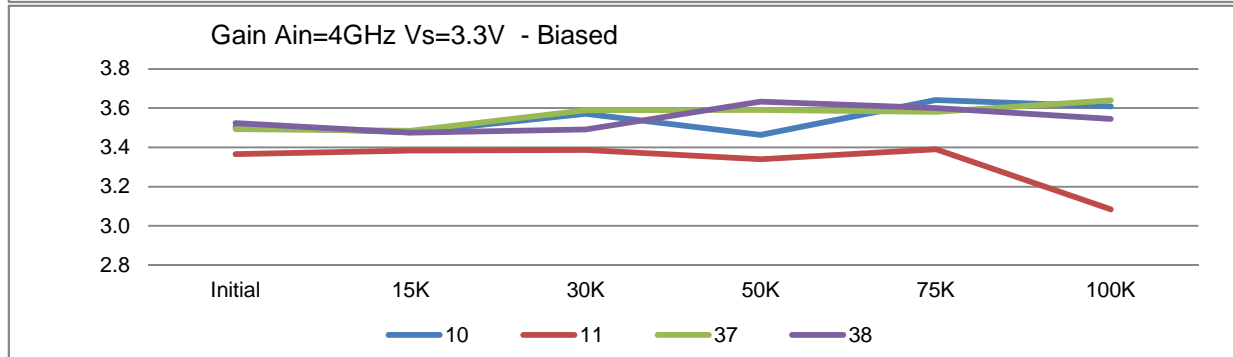
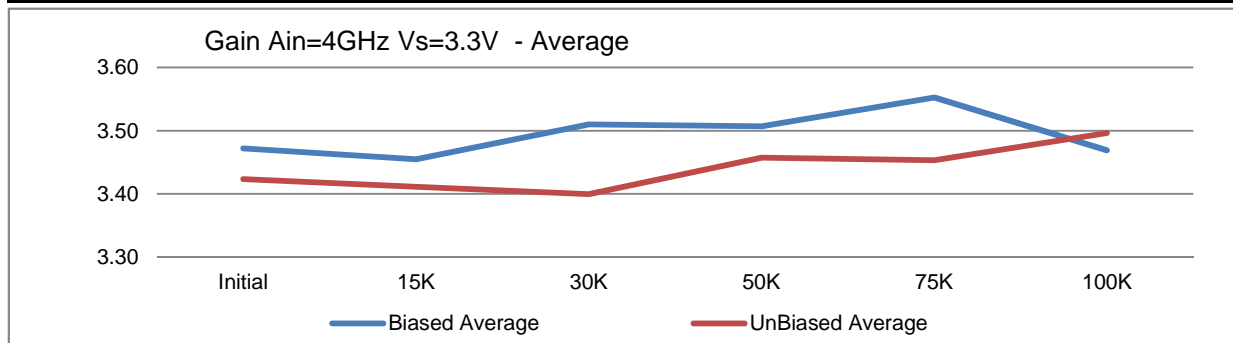
	T# 46	Output Intercept Ain 100MHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.02546	0.02643	0.02128	0.02052	0.02093	0.02172	>-0.05
	39	0.04059	0.04145	0.0368	0.03578	0.03639	0.03765	<0.1
Biased	10	0.04769	0.04795	0.04305	0.04263	0.04121	0.04264	
	11	0.03354	0.03378	0.02881	0.02788	0.02889	0.03063	
	37	0.03784	0.03685	0.031	0.02938	0.02963	0.02979	
	38	0.03692	0.03547	0.03082	0.03052	0.02993	0.03104	
	Min	0.0335	0.0338	0.0288	0.0279	0.0289	0.0298	
	Max	0.0477	0.0480	0.0431	0.0426	0.0412	0.0426	
	Average	0.0390	0.0385	0.0335	0.0326	0.0324	0.0335	
UnBiased	8	0.04306	0.04559	0.04212	0.04157	0.04287	0.0464	
	9	0.03409	0.03567	0.0336	0.0327	0.03505	0.03772	
	35	0.03435	0.03485	0.02959	0.02799	0.02793	0.03117	
	36	0.03639	0.03887	0.03557	0.03543	0.03589	0.03783	
	Min	0.0341	0.0349	0.0296	0.0280	0.0279	0.0312	
	Max	0.0431	0.0456	0.0421	0.0416	0.0429	0.0464	
	Average	0.0370	0.0387	0.0352	0.0344	0.0354	0.0383	



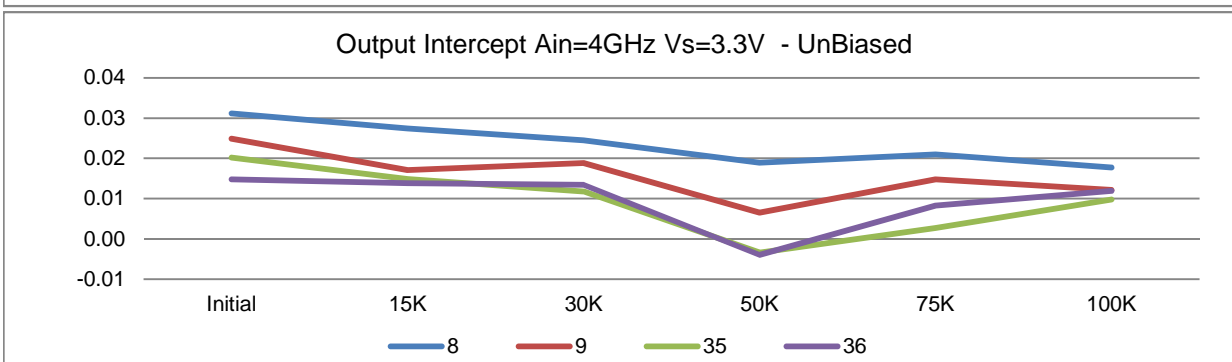
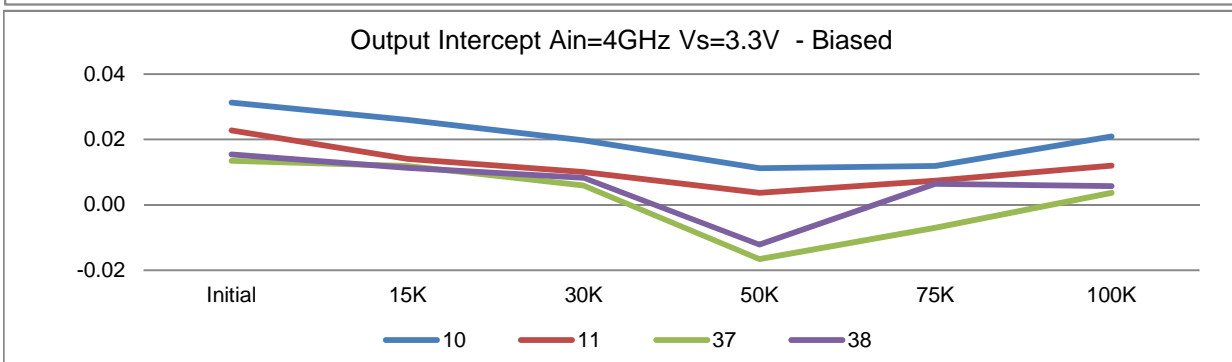
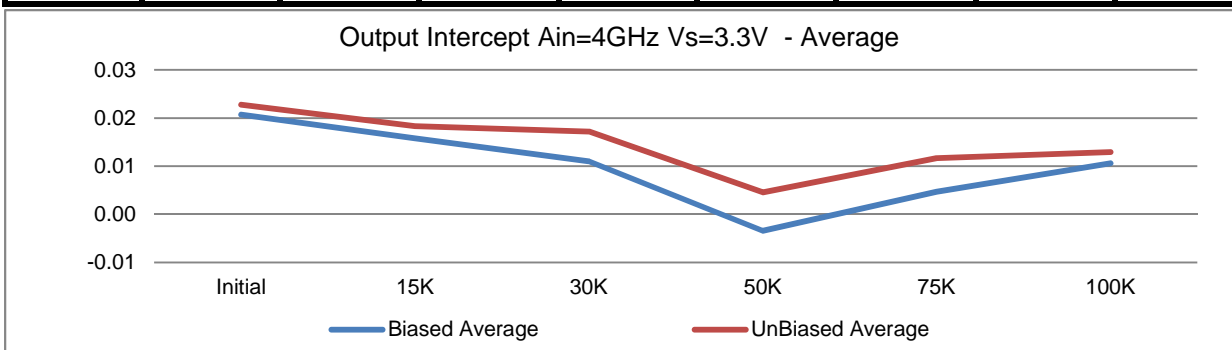
	T# 47	LINEARITY ERROR Ain 4GHz Vs @ 3.3v						dB
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.07896	0.18047	0.04636	0.02832	-0.03134	0.06271	+/-1
	39	0.04469	0.09465	-0.02461	-0.03632	-0.10114	-0.01099	
Biased	10	0.08251	0.15642	0.0321	0.05577	-0.032	0.0401	
	11	0.22843	0.28553	0.16509	0.2218	0.05655	0.19255	
	37	-0.02086	0.08679	-0.085	-0.0845	-0.12026	-0.05957	
	38	0.11167	0.13804	0.02238	-0.01789	0.06859	-0.02559	
	Min	-0.0209	0.0868	-0.0846	-0.0845	-0.1203	-0.0596	
	Max	0.2284	0.2855	0.1651	0.2218	0.0686	0.1926	
	Average	0.1004	0.1667	0.0337	0.0438	-0.0068	0.0369	
UnBiased	8	0.19214	0.26275	0.15487	0.21961	0.17865	0.20602	
	9	0.28262	0.32509	0.24904	0.2538	0.26557	0.24281	
	35	0.14285	0.24191	0.139	0.17993	0.14725	0.24064	
	36	0.05397	0.13001	-0.01261	-0.02656	0.02519	-0.04498	
	Min	0.0540	0.1300	-0.0126	-0.0266	0.0252	-0.0450	
	Max	0.2826	0.3251	0.2490	0.2538	0.2656	0.2428	
	Average	0.1679	0.2399	0.1326	0.1567	0.1542	0.1611	



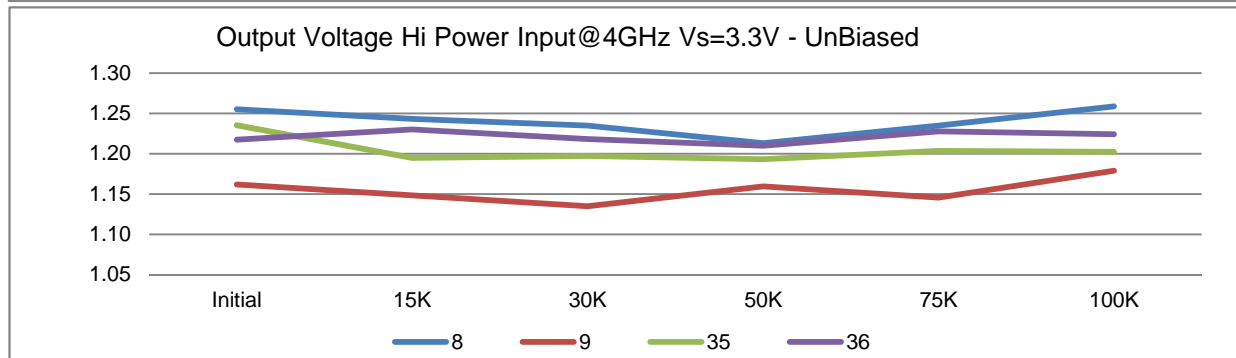
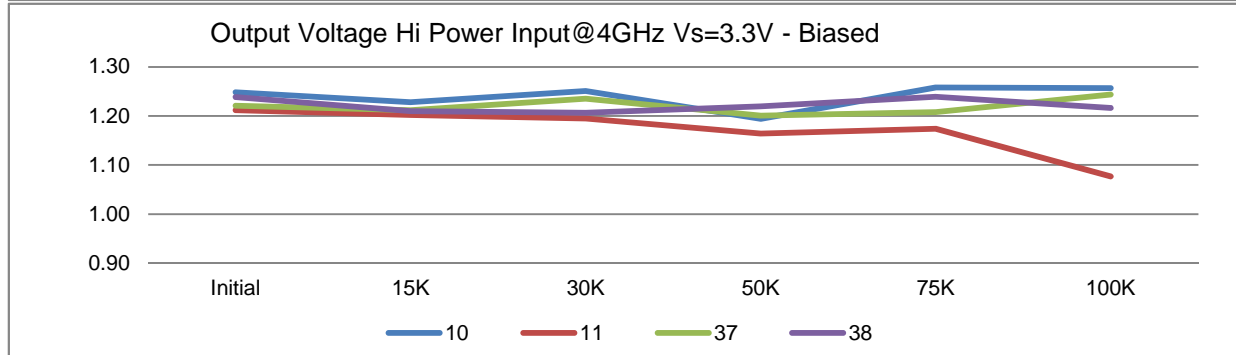
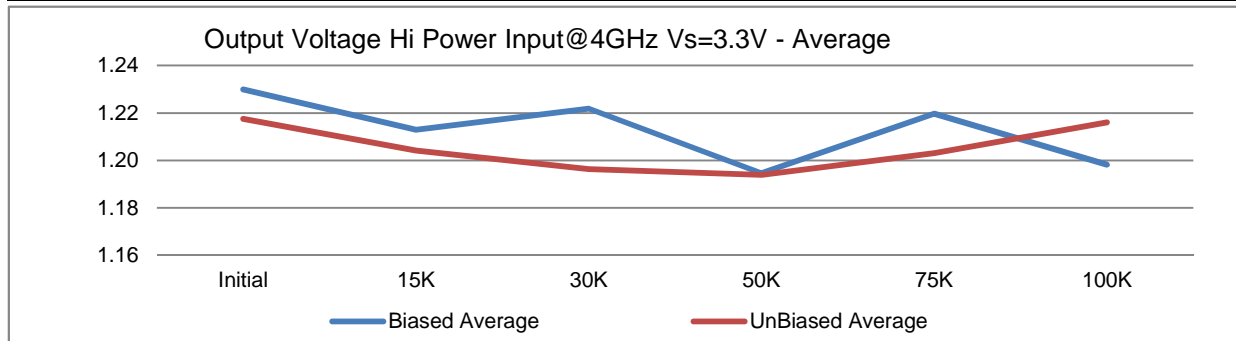
	T# 48	GAIN Ain 4GHz Vs @ 3.3v						V/Vrms
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	3.49127	3.42912	3.45883	3.47716	3.57538	3.51396	>3
	39	3.48313	3.35702	3.35534	3.50167	3.56623	3.44431	<4.8
Biased	10	3.50512	3.47631	3.57159	3.46416	3.64051	3.60821	
	11	3.36565	3.3839	3.38701	3.33917	3.3907	3.08371	
	37	3.49355	3.48408	3.589	3.59083	3.58056	3.63875	
	38	3.52413	3.4752	3.49172	3.63342	3.59965	3.54522	
	Min	3.3657	3.3839	3.3870	3.3392	3.3907	3.0837	
	Max	3.5241	3.4841	3.5894	3.6334	3.6405	3.6388	
	Average	3.4721	3.4549	3.5099	3.5069	3.5529	3.4690	
UnBiased	8	3.49744	3.49349	3.49084	3.46517	3.52013	3.59046	
	9	3.22854	3.23601	3.19254	3.32612	3.2506	3.37084	
	35	3.48208	3.39154	3.41466	3.47917	3.48138	3.45393	
	36	3.48497	3.52342	3.50091	3.55921	3.56191	3.57077	
	Min	3.2285	3.2360	3.1925	3.3261	3.2506	3.3708	
	Max	3.4974	3.5234	3.5009	3.5592	3.5619	3.5905	
	Average	3.4233	3.4111	3.3997	3.4574	3.4535	3.4965	



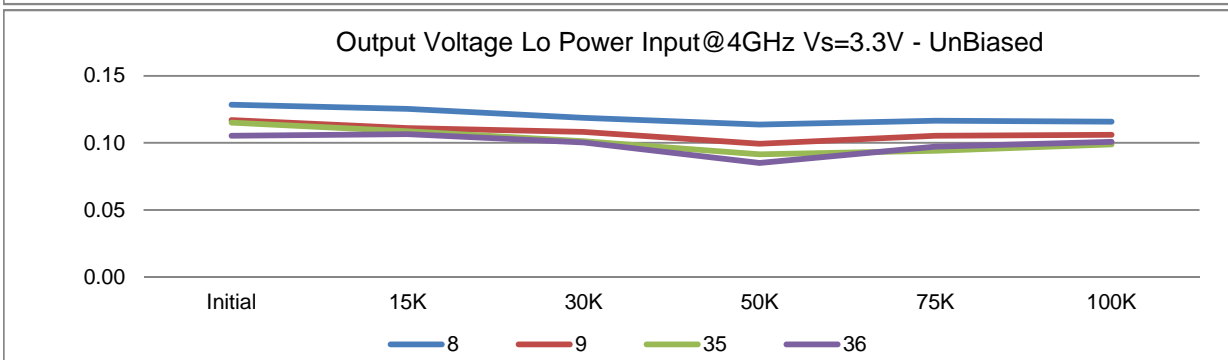
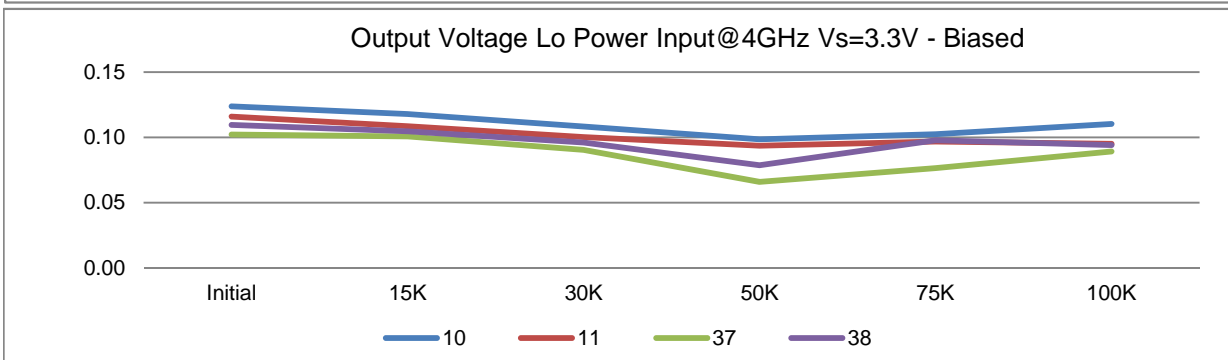
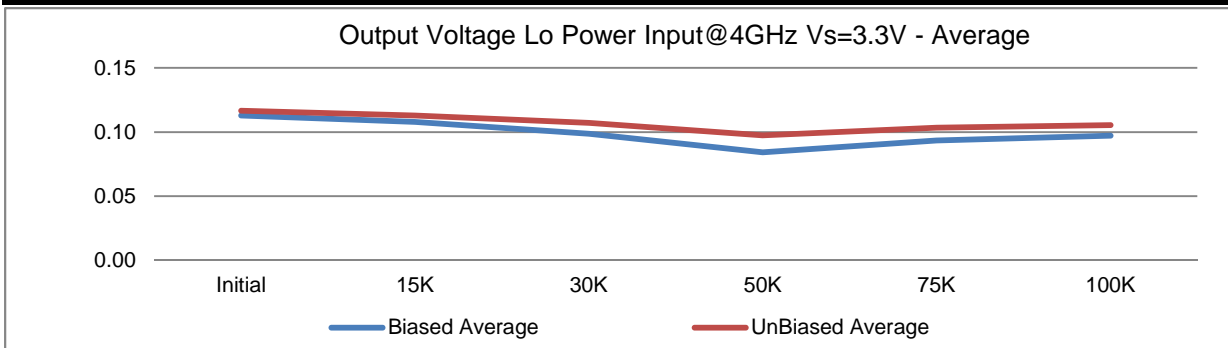
	T# 49	Output Intercept Ain 4GHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.00692	0.00164	-0.00123	-0.00685	-0.00486	-0.008	>-0.05
	39	0.02154	0.01323	0.01225	-0.00103	0.00921	0.00782	<0.1
Biased	10	0.03122	0.02593	0.01975	0.01124	0.01193	0.02088	
	11	0.02271	0.01403	0.01005	0.00364	0.0074	0.01197	
	37	0.01348	0.01185	0.006	-0.01656	-0.00703	0.00369	
	38	0.01539	0.0113	0.00822	-0.01216	0.00637	0.00577	
	Min	0.0135	0.0113	0.0059	-0.0166	-0.0070	0.0037	
	Max	0.0312	0.0259	0.0198	0.0112	0.0119	0.0209	
	Average	0.0207	0.0158	0.0110	-0.0035	0.0047	0.0106	
UnBiased	8	0.03118	0.02743	0.02452	0.01893	0.021	0.01777	
	9	0.02489	0.01711	0.01883	0.00656	0.01476	0.01217	
	35	0.02019	0.01488	0.01179	-0.00342	0.00273	0.00977	
	36	0.0148	0.01386	0.01347	-0.00392	0.00826	0.01193	
	Min	0.0148	0.0139	0.0118	-0.0039	0.0027	0.0098	
	Max	0.0312	0.0274	0.0245	0.0189	0.0210	0.0178	
	Average	0.0228	0.0183	0.0172	0.0045	0.0117	0.0129	



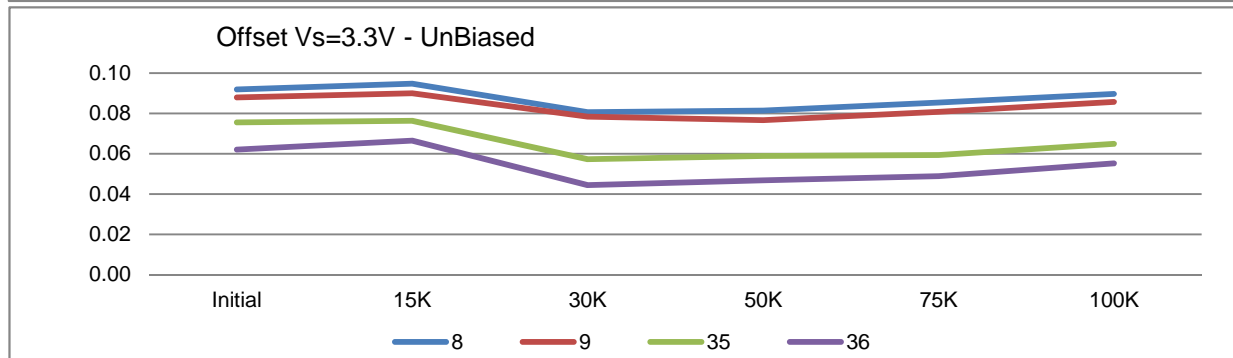
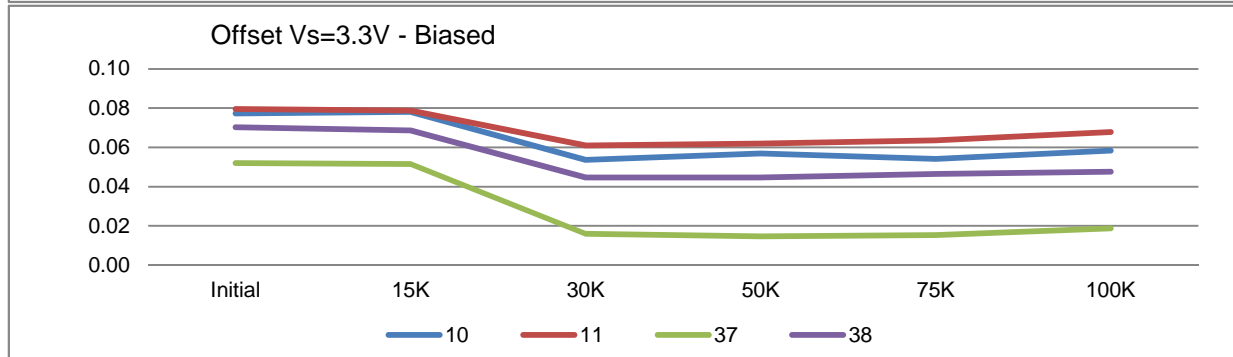
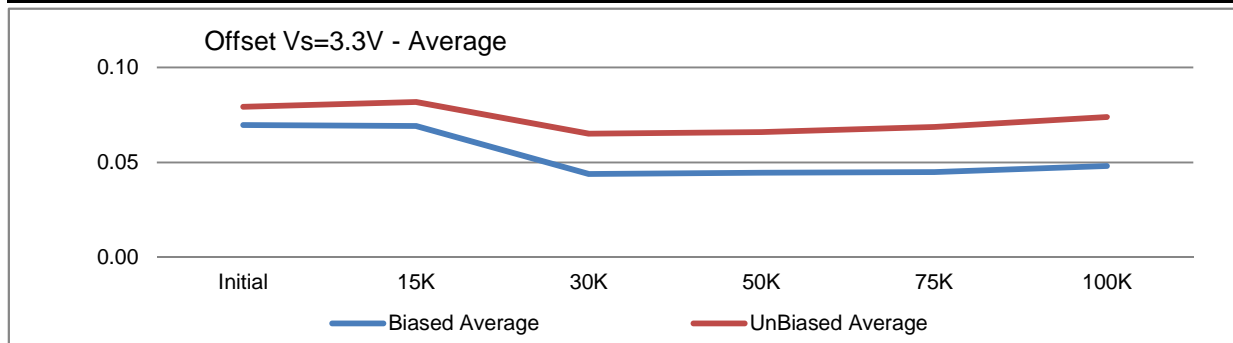
	T# 50	Output Voltage Hi Power In 4GHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	1.22068	1.1915	1.19118	1.18096	1.21877	1.20121	>1
	39	1.22828	1.16594	1.15727	1.18642	1.21017	1.18526	
Biased	10	1.24844	1.22779	1.25058	1.19421	1.25808	1.25642	
	11	1.21201	1.20217	1.19482	1.16413	1.17381	1.07677	
	37	1.22074	1.21197	1.235	1.20043	1.20747	1.24342	
	38	1.2387	1.20983	1.20644	1.21939	1.23931	1.21598	
	Min	1.2120	1.2022	1.1948	1.1641	1.1738	1.0768	
	Max	1.2484	1.2278	1.2506	1.2194	1.2581	1.2564	
	Average	1.2300	1.2129	1.2218	1.1945	1.2197	1.1981	
UnBiased	8	1.25528	1.24336	1.23488	1.21317	1.23497	1.25874	
	9	1.16178	1.14817	1.13504	1.15936	1.14574	1.17893	
	35	1.23531	1.19464	1.19708	1.1932	1.20339	1.20248	
	36	1.2176	1.23024	1.21818	1.20978	1.22788	1.22401	
	Min	1.1618	1.1482	1.1350	1.1594	1.1457	1.1789	
	Max	1.2553	1.2434	1.2349	1.2132	1.2350	1.2587	
	Average	1.2175	1.2041	1.1963	1.1939	1.2030	1.2160	



	T# 51	Output Voltage Lo Power In 4GHz Vs @ 3.3v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.09859	0.09287	0.08502	0.07925	0.08371	0.08037	>0.07
	39	0.11259	0.10261	0.09475	0.08508	0.09959	0.09418	
Biased	10	0.12364	0.11786	0.10844	0.09846	0.10236	0.11033	
	11	0.11592	0.10863	0.10028	0.09356	0.09695	0.09507	
	37	0.10223	0.10085	0.090	0.06606	0.07655	0.08929	
	38	0.10951	0.10461	0.09601	0.07868	0.0979	0.09406	
	Min	0.1022	0.1009	0.0904	0.0661	0.0766	0.0893	
	Max	0.1236	0.1179	0.1084	0.0985	0.1024	0.1103	
	Average	0.1128	0.1080	0.0988	0.0842	0.0934	0.0972	
UnBiased	8	0.12854	0.12546	0.11862	0.11359	0.11648	0.11585	
	9	0.11711	0.11115	0.10825	0.09934	0.10543	0.10618	
	35	0.1151	0.10863	0.10128	0.09162	0.09419	0.0989	
	36	0.10543	0.1065	0.10028	0.08515	0.09721	0.10091	
	Min	0.1054	0.1065	0.1003	0.0852	0.0942	0.0989	
	Max	0.1285	0.1255	0.1186	0.1136	0.1165	0.1159	
	Average	0.1165	0.1129	0.1071	0.0974	0.1033	0.1055	



	T# 52	OFFSET @ 3.3V						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.05433	0.05611	0.03057	0.03043	0.03225	0.03792	<0.15
	39	0.06815	0.07056	0.04476	0.04506	0.04713	0.05116	
Biased	10	0.07719	0.07803	0.05356	0.05692	0.0541	0.05837	
	11	0.07951	0.07878	0.06103	0.06195	0.06359	0.06779	
	37	0.05207	0.05147	0.016	0.01473	0.0153	0.01869	
	38	0.07028	0.06861	0.0447	0.04468	0.04638	0.04757	
	Min	0.0521	0.0515	0.0159	0.0147	0.0153	0.0187	
	Max	0.0795	0.0788	0.0610	0.0620	0.0636	0.0678	
	Average	0.0698	0.0692	0.0438	0.0446	0.0448	0.0481	
UnBiased	8	0.09195	0.09473	0.08062	0.08141	0.08544	0.08964	
	9	0.08786	0.0899	0.07836	0.07658	0.08073	0.08569	
	35	0.07556	0.0764	0.0572	0.05893	0.05932	0.06497	
	36	0.06212	0.06641	0.04445	0.04688	0.04889	0.05517	
	Min	0.0621	0.0664	0.0445	0.0469	0.0489	0.0552	
	Max	0.0920	0.0947	0.0806	0.0814	0.0854	0.0896	
	Average	0.0794	0.0819	0.0652	0.0660	0.0686	0.0739	



	T# 53	OFFSET @ 5v						V
	SN	Initial	15K	30K	50K	75K	100K	Limit
Control	12	0.04479	0.04713	0.01462	0.01466	0.01737	0.02197	<0.15
	39	0.05992	0.06195	0.02863	0.02779	0.02987	0.03641	
Biased	10	0.06902	0.0698	0.03955	0.04248	0.03985	0.04431	
	11	0.07493	0.07432	0.05337	0.05416	0.05649	0.0607	
	37	0.03782	0.03841	0.014	0.01429	0.01486	0.01492	
	38	0.06111	0.06026	0.03007	0.03093	0.03206	0.03351	
	Min	0.0378	0.0384	0.0144	0.0143	0.0149	0.0149	
	Max	0.0749	0.0743	0.0534	0.0542	0.0565	0.0607	
	Average	0.0607	0.0607	0.0344	0.0355	0.0358	0.0384	
UnBiased	8	0.08585	0.09009	0.07459	0.07664	0.07878	0.08537	
	9	0.08284	0.086	0.07365	0.07143	0.07552	0.08085	
	35	0.06946	0.07068	0.04966	0.05002	0.05184	0.05843	
	36	0.05238	0.05718	0.02888	0.03401	0.03746	0.04449	
	Min	0.0524	0.0572	0.0289	0.0340	0.0375	0.0445	
	Max	0.0859	0.0901	0.0746	0.0766	0.0788	0.0854	
	Average	0.0726	0.0760	0.0567	0.0580	0.0609	0.0673	

